

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090430.D
 Acq On : 6 Oct 2016 20:47
 Operator : UM/SJ
 Sample : H5110-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Quant Time: Oct 07 00:09:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	227576	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	948596	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	508385	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	796435	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	601361	20.00	ng	-0.01
86) Perylene-d12	15.69	264	433850	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	2273875	149.12	ng	0.01
7) Phenol-d6	6.62	99	2949972	147.71	ng	0.00
23) Nitrobenzene-d5	7.56	82	1816750	93.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	622876	150.68	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2603917	85.34	ng	-0.01
78) Terphenyl-d14	13.13	244	2662610	99.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	299952	39.90	ng	# 90
3) Pyridine	3.53	79	901770	43.02	ng	# 80
4) n-Nitrosodimethylamine	3.47	42	397052	45.91	ng	# 53
6) Aniline	6.66	93	1070608	38.81	ng	99
8) 2-Chlorophenol	6.78	128	798754	47.60	ng	97
9) Benzaldehyde	6.54	77	347984	34.47	ng	97
10) Phenol	6.65	94	1152380	49.63	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	889155	50.01	ng	93
12) 1,3-Dichlorobenzene	6.94	146	834584	49.89	ng	99
13) 1,4-Dichlorobenzene	7.01	146	778989	45.85	ng	98
14) 1,2-Dichlorobenzene	7.17	146	849407	51.89	ng	99
15) Benzyl Alcohol	7.14	79	791930	52.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1226167	40.67	ng	92
17) 2-Methylphenol	7.25	107	735473	53.29	ng	98
18) Hexachloroethane	7.51	117	327091	48.84	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	654622	44.70	ng	# 82
20) 3+4-Methylphenols	7.40	107	844689	47.29	ng	91
22) Acetophenone	7.41	105	1168116	51.99	ng	# 89
24) Nitrobenzene	7.58	77	1054781	54.48	ng	96
25) Isophorone	7.82	82	1737696	48.74	ng	99
26) 2-Nitrophenol	7.90	139	454886	54.59	ng	99
27) 2,4-Dimethylphenol	7.94	122	834154	51.47	ng	99
28) bis(2-Chloroethoxy)methane	8.03	93	1003495	47.59	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	685401	55.63	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	638847	50.31	ng	99
31) Naphthalene	8.30	128	2259424	49.37	ng	99
32) Benzoic acid	8.02	122	175708	15.60	ng	95
33) 4-Chloroaniline	8.35	127	585355	30.94	ng	98
34) Hexachlorobutadiene	8.43	225	379123	53.44	ng	99
35) Caprolactam	8.73	113	130562	31.52	ng	95
36) 4-Chloro-3-methylphenol	8.84	107	820359	53.18	ng	94
37) 2-Methylnaphthalene	9.00	142	1405884	50.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701225	52.32	ng	98
40) Hexachlorocyclopentadiene	9.16	237	653107	88.89	ng	99

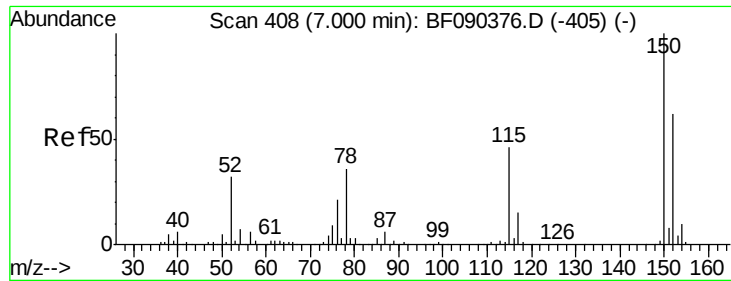
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	440884	47.67	ng	97
43) 2,4,5-Trichlorophenol	9.32	196	454348	51.95	ng	97
45) 1,1'-Biphenyl	9.47	154	1851215	49.14	ng	98
46) 2-Chloronaphthalene	9.49	162	1339853	48.14	ng	99
47) 2-Nitroaniline	9.58	65	518092	47.17	ng	94
48) Acenaphthylene	9.91	152	2242740	48.83	ng	99
49) Dimethylphthalate	9.78	163	3202244	98.35	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	387150	53.56	ng	# 59
51) Acenaphthene	10.09	154	1512385	52.81	ng	99
52) 3-Nitroaniline	9.99	138	292591	34.65	ng	95
53) 2,4-Dinitrophenol	10.10	184	220842	68.52	ng	# 71
54) Dibenzofuran	10.26	168	2024441	54.62	ng	95
55) 4-Nitrophenol	10.15	139	660737	89.43	ng	98
56) 2,4-Dinitrotoluene	10.23	165	550775	57.25	ng	# 55
57) Fluorene	10.60	166	1605329	51.54	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	404361	61.91	ng	# 87
59) Diethylphthalate	10.47	149	1737762	51.58	ng	96
60) 4-Chlorophenyl-phenylether	10.59	204	727868	51.39	ng	97
61) 4-Nitroaniline	10.61	138	364651	42.86	ng	94
62) Azobenzene	10.75	77	1947419	50.05	ng	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	182799	35.59	ng	# 41
65) n-Nitrosodiphenylamine	10.71	169	1380826	51.74	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	420631	53.88	ng	93
67) Hexachlorobenzene	11.15	284	448139	51.54	ng	# 89
68) Atrazine	11.24	200	464010	70.51	ng	96
69) Pentachlorophenol	11.34	266	584263	112.90	ng	100
70) Phenanthrene	11.56	178	2066784	50.68	ng	98
71) Anthracene	11.62	178	2304770	55.34	ng	100
72) Carbazole	11.77	167	1873292	48.41	ng	99
73) Di-n-butylphthalate	12.10	149	2335632	49.60	ng	99
74) Fluoranthene	12.76	202	2210865	55.27	ng	92
76) Benzidine	12.87	184	1061018	67.10	ng	100
77) Pyrene	12.99	202	2240814	55.88	ng	100
79) Butylbenzylphthalate	13.61	149	1137657	55.29	ng	93
80) Benzo(a)anthracene	14.18	228	1661498	49.24	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	514147	42.03	ng	# 98
82) Chrysene	14.21	228	1299647	41.85	ng	100
83) Bis(2-ethylhexyl)phthalate	14.17	149	1476685	50.49	ng	99
84) Di-n-octyl phthalate	14.78	149	2100949	48.46	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1441218	65.10	ng	94
87) Benzo(b)fluoranthene	15.25	252	1427917	51.67	ng	# 98
88) Benzo(k)fluoranthene	15.25	252	1427917	55.01	ng	# 95
89) Benzo(a)pyrene	15.63	252	1268673	53.26	ng	99
90) Dibenzo(a,h)anthracene	17.23	278	1231905	60.79	ng	# 95
91) Benzo(g,h,i)perylene	17.68	276	1147058	58.98	ng	99

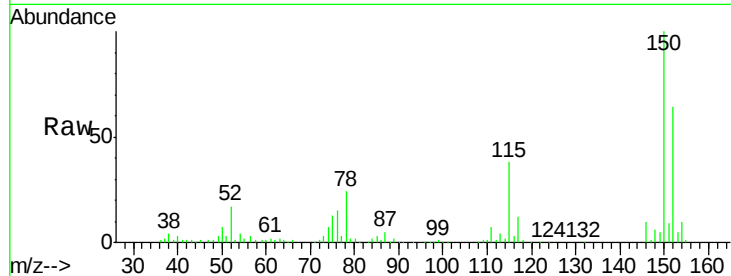
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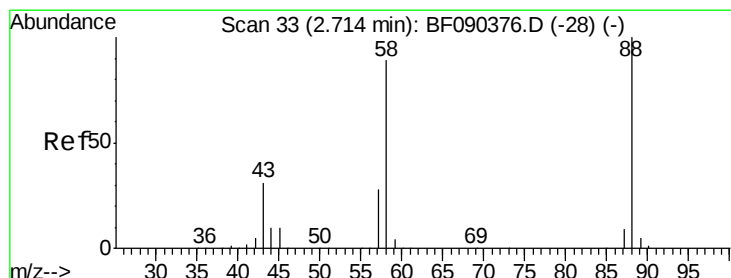
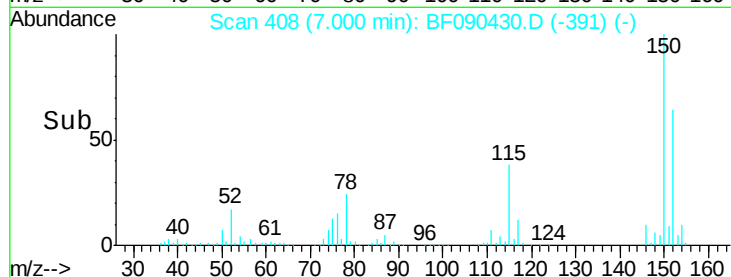
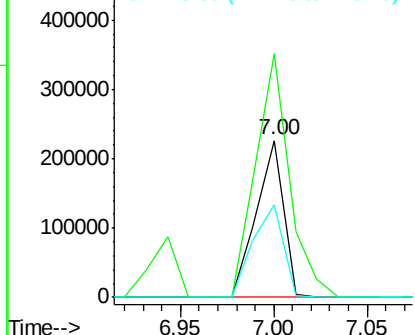
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion: 152 Resp: 227576
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 58.9 46.2 69.4

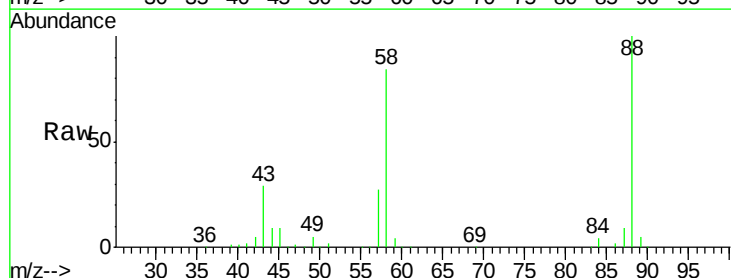


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

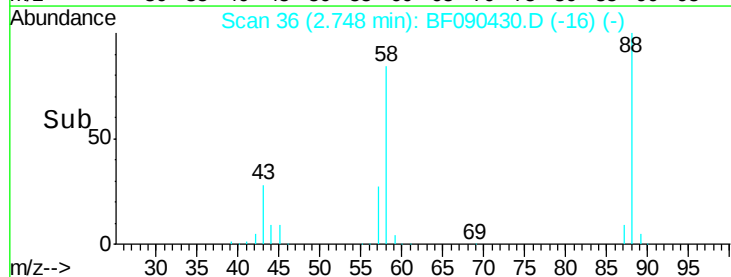
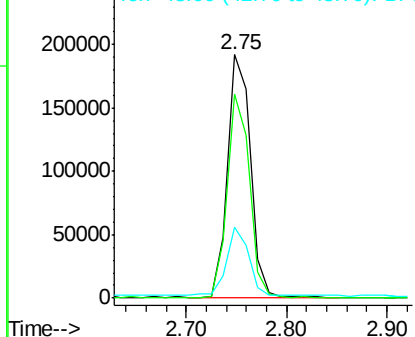


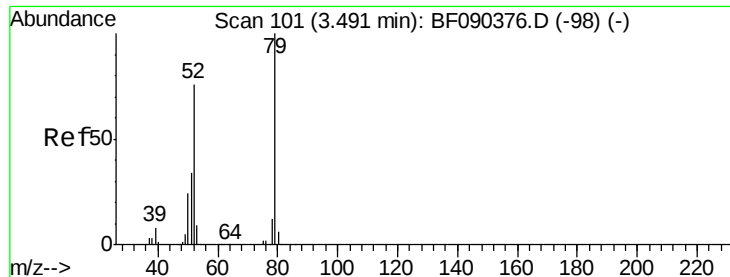
#2
 1,4-Dioxane
 Concen: 39.90 ng
 RT: 2.75 min Scan# 36
 Delta R.T. 0.03 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion: 88 Resp: 299952
 Ion Ratio Lower Upper
 88 100
 58 81.9 71.2 106.8
 43 28.2 29.8 44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.02 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

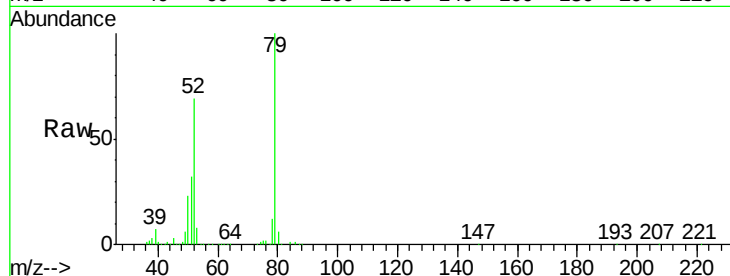
Tgt Ion: 79 Resp: 901770

Ion Ratio Lower Upper

79 100

52 69.0 71.3 106.9#

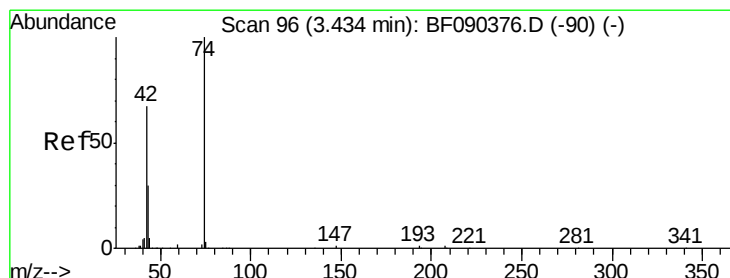
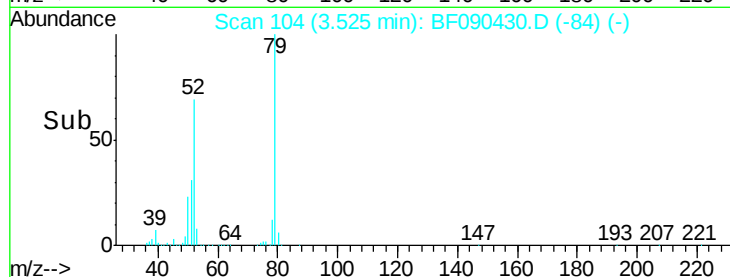
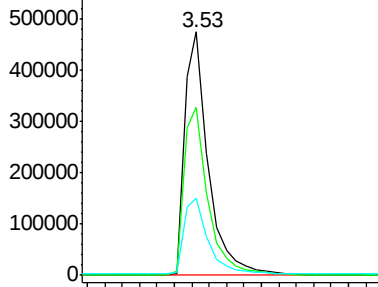
51 31.7 34.5 51.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.91 ng

RT: 3.47 min Scan# 99

Delta R.T. 0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

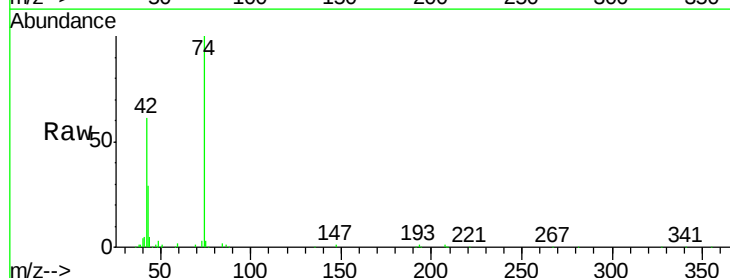
Tgt Ion: 42 Resp: 397052

Ion Ratio Lower Upper

42 100

74 164.7 88.9 133.3#

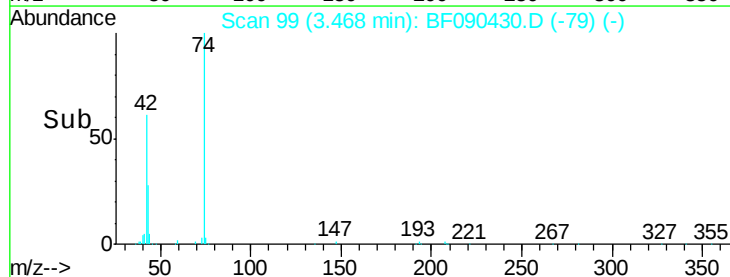
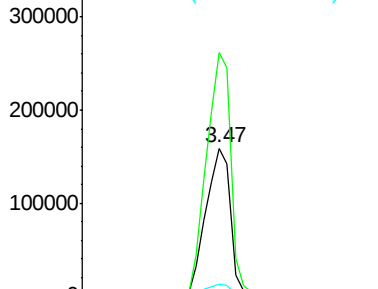
44 8.0 6.5 9.7

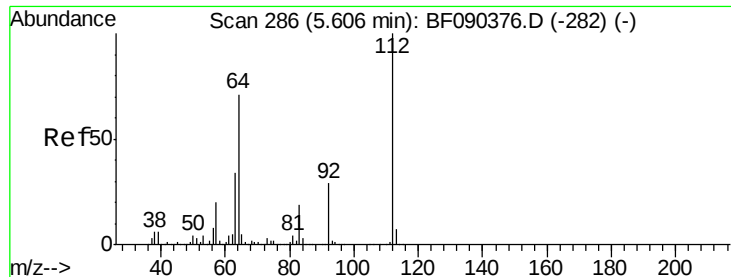


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.12 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

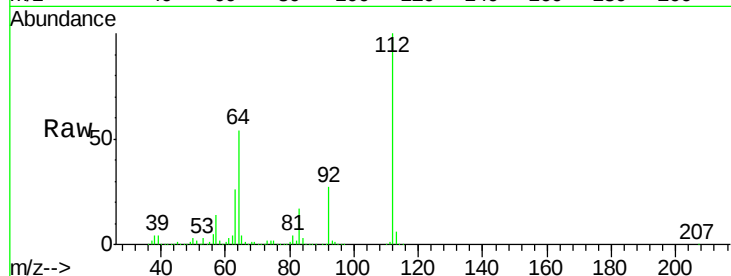
Tgt Ion:112 Resp: 2273875

Ion Ratio Lower Upper

112 100

64 54.0 57.9 86.9#

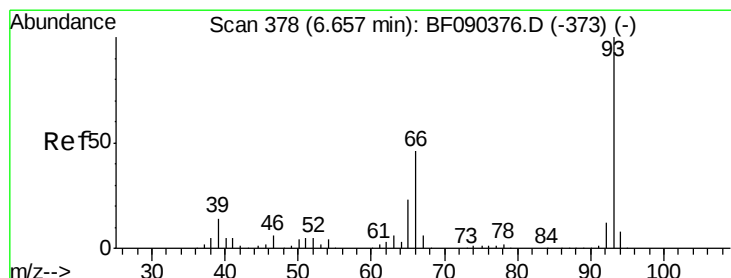
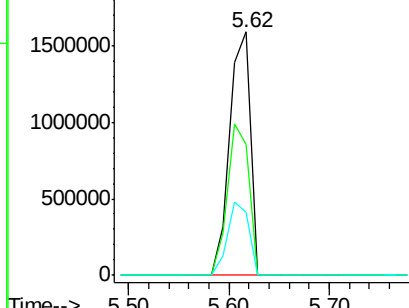
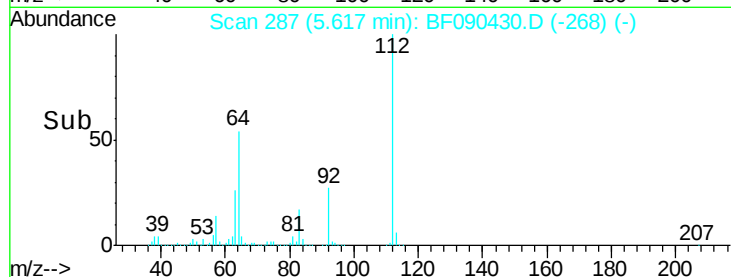
63 25.9 29.6 44.4#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.81 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

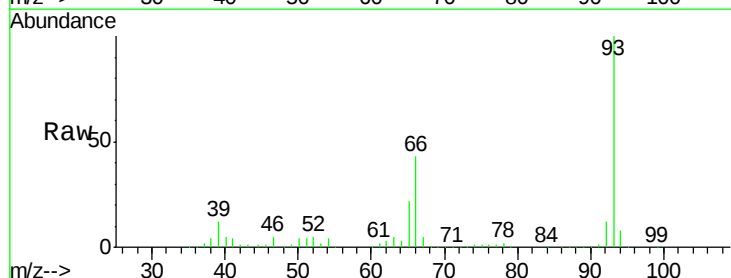
Tgt Ion: 93 Resp: 1070608

Ion Ratio Lower Upper

93 100

66 43.4 34.5 51.7

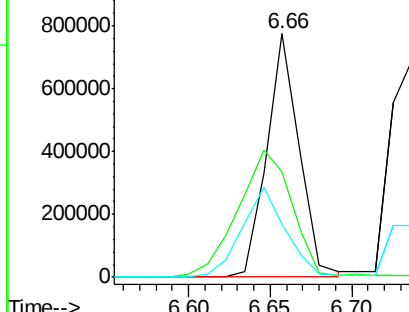
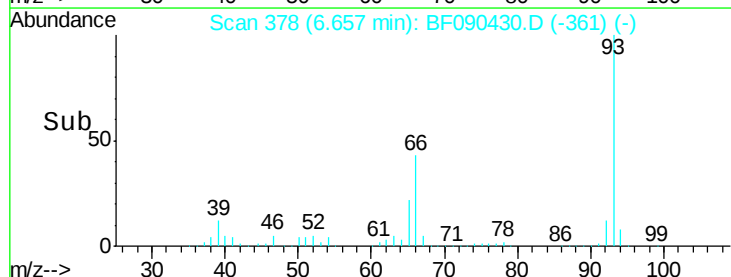
65 21.8 18.2 27.2

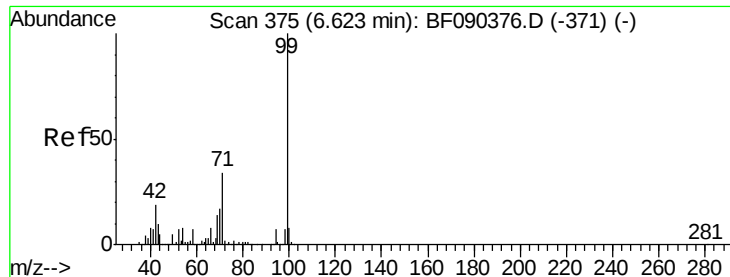


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.71 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

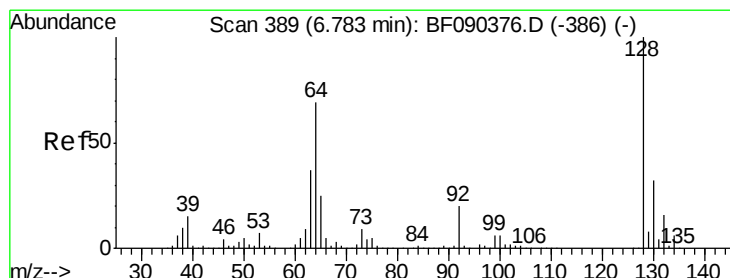
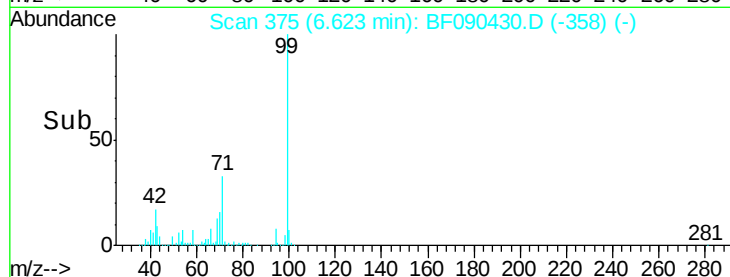
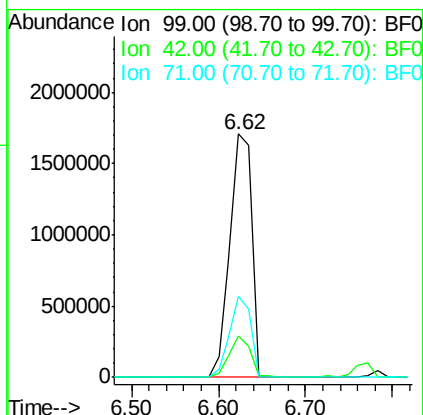
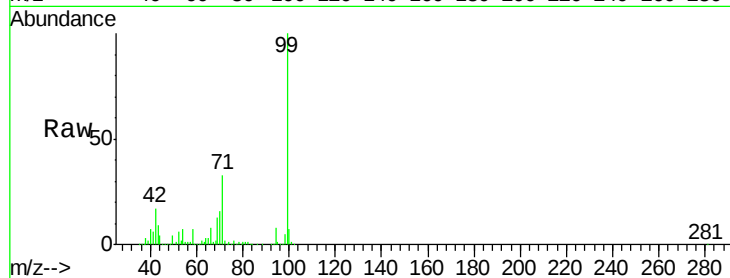
BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion: 99 Resp: 2949972

Ion	Ratio	Lower	Upper
99	100		
42	16.9	20.0	30.0#
71	33.2	27.9	41.9



#8

2-Chlorophenol

Concen: 47.60 ng

RT: 6.78 min Scan# 389

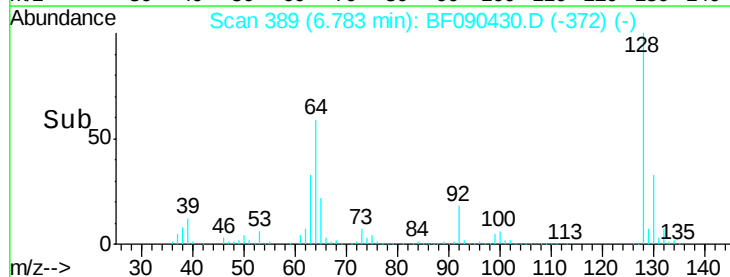
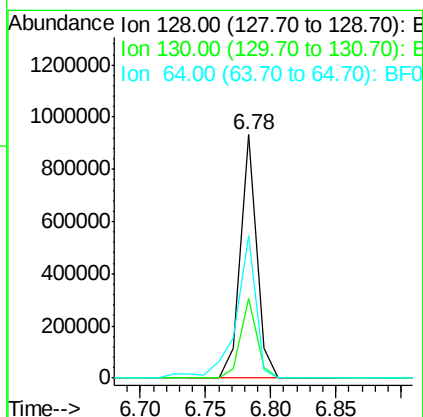
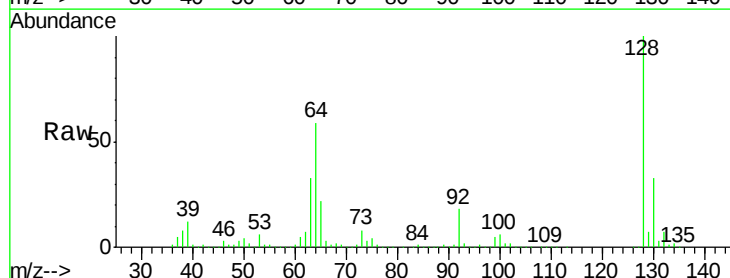
Delta R.T. -0.00 min

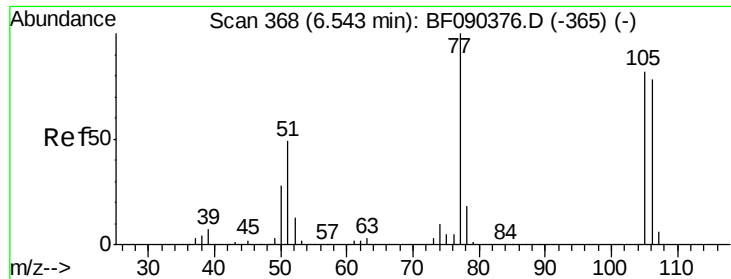
Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion: 128 Resp: 798754

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.3	53.3
64	58.7	36.0	76.0

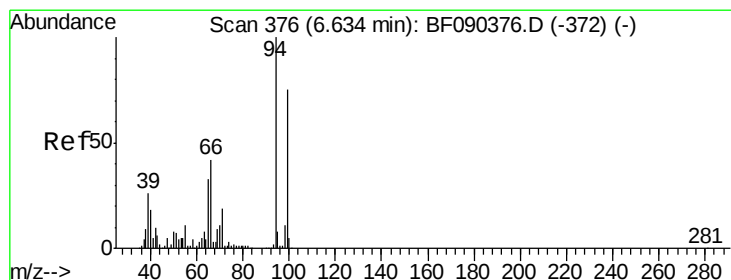
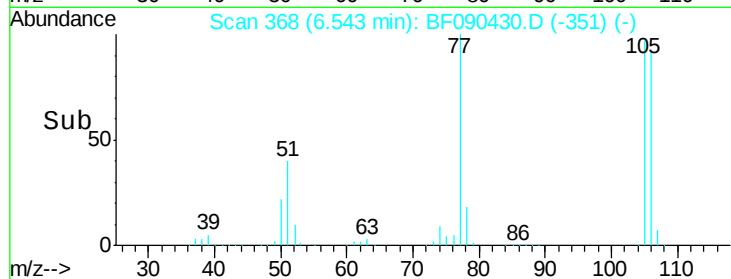
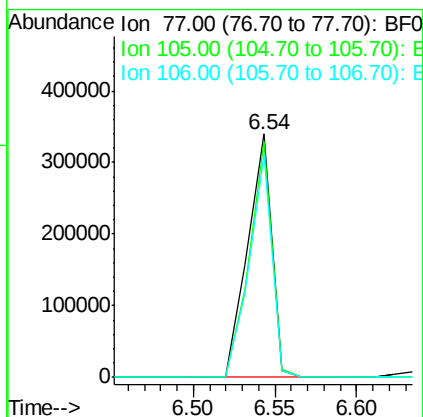
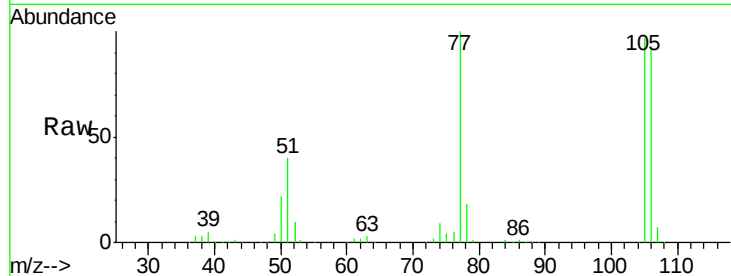




#9
Benzaldehyde
Concen: 34.47 ng
RT: 6.54 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

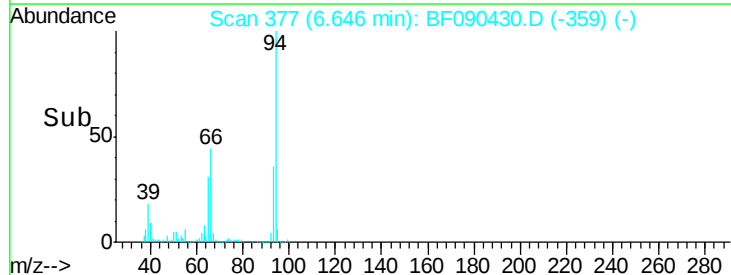
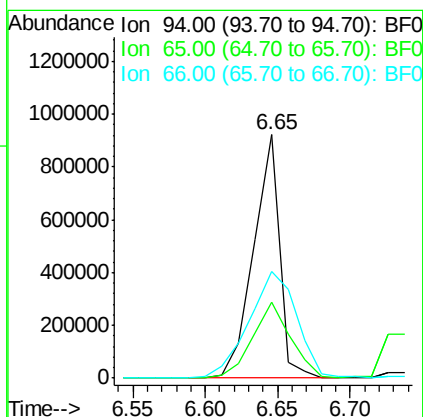
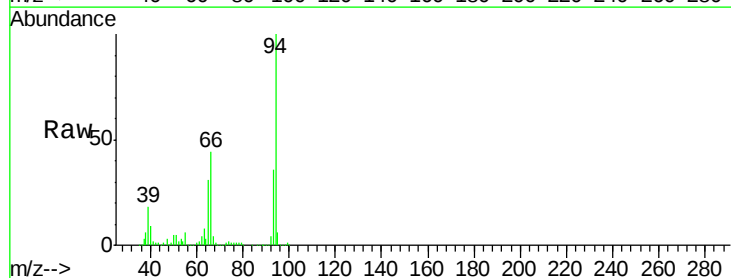
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

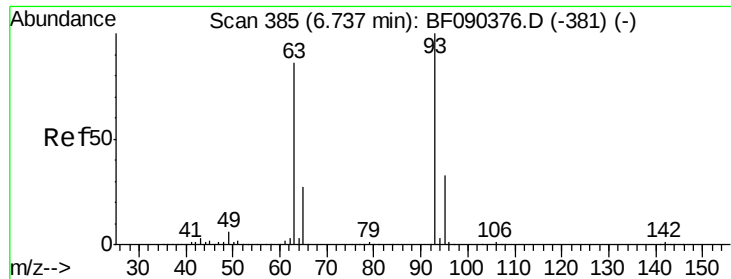
Tgt Ion: 77 Resp: 347984
Ion Ratio Lower Upper
77 100
105 96.8 73.1 113.1
106 91.8 70.2 110.2



#10
Phenol
Concen: 49.63 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion: 94 Resp: 1152380
Ion Ratio Lower Upper
94 100
65 31.0 13.3 53.3
66 43.9 20.4 60.4

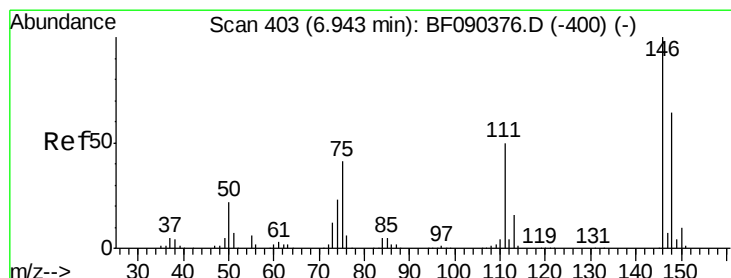
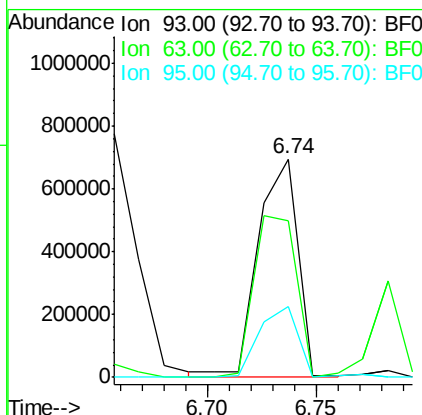
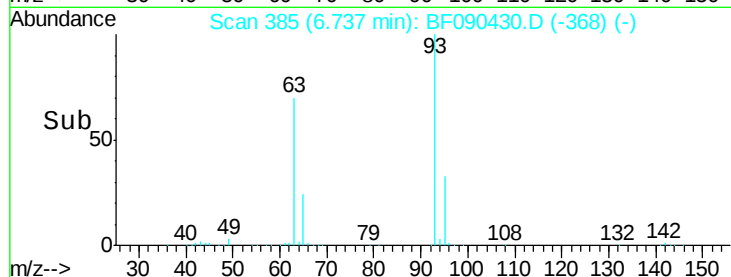
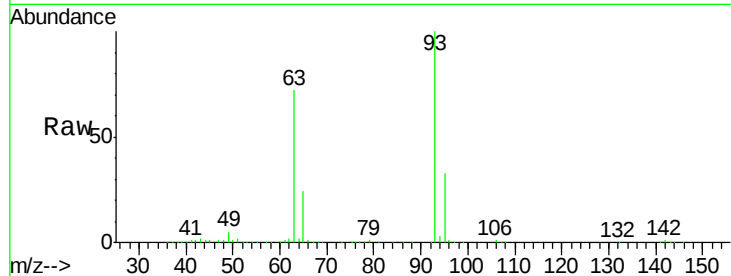




#11
 bis(2-Chloroethyl)ether
 Concen: 50.01 ng
 RT: 6.74 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

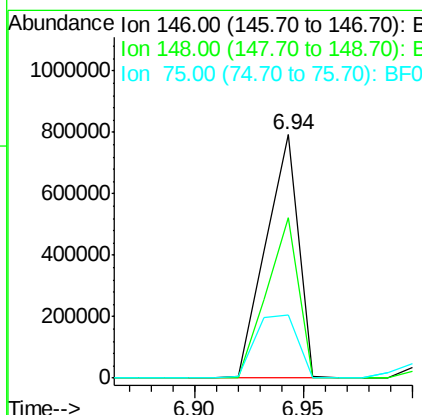
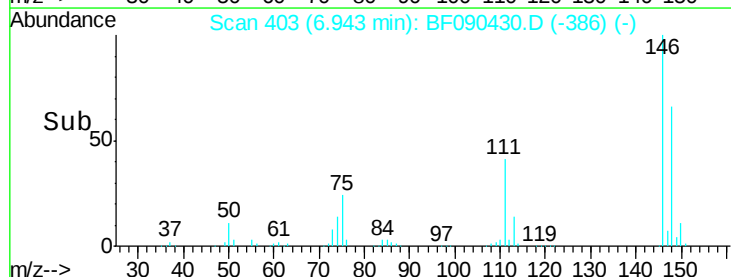
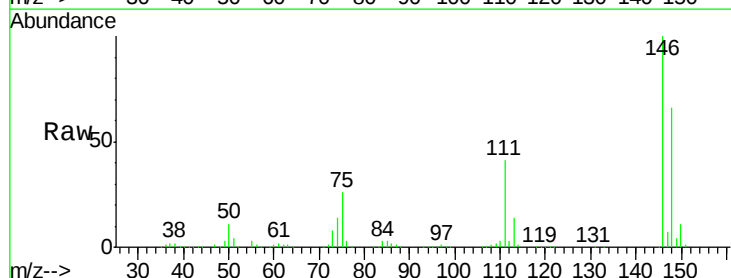
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

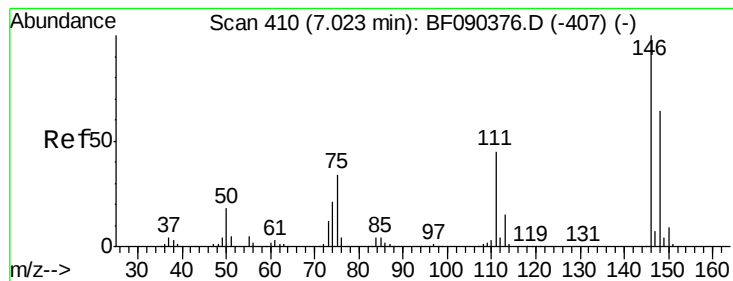
Tgt Ion: 93 Resp: 889155
 Ion Ratio Lower Upper
 93 100
 63 71.6 59.7 99.7
 95 32.7 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 49.89 ng
 RT: 6.94 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion: 146 Resp: 834584
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.4
 75 25.9 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 45.85 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

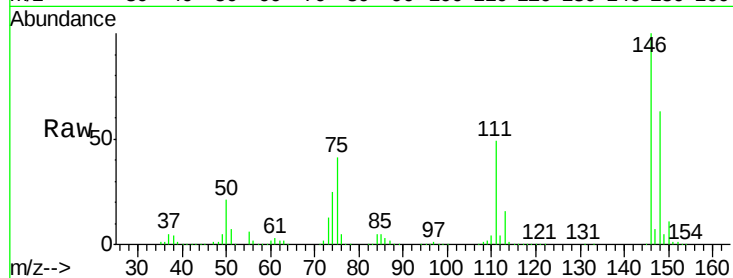
Tgt Ion:146 Resp: 778989

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

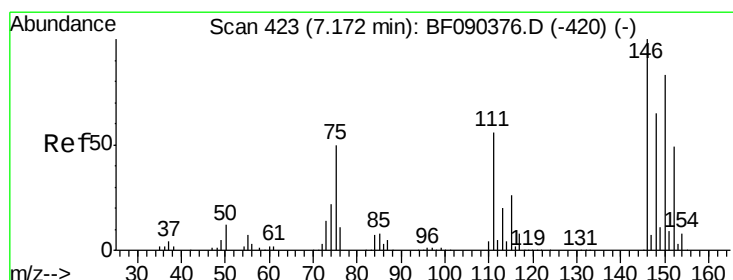
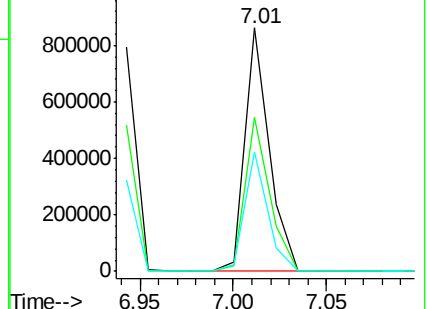
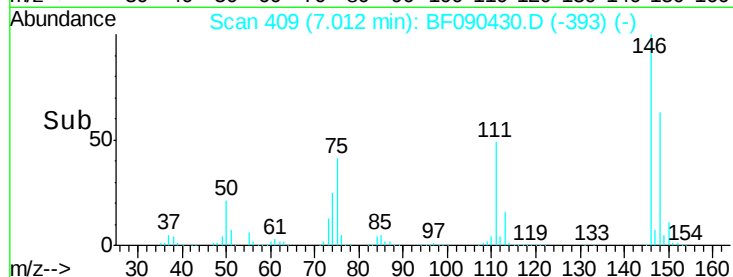
111 49.3 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.89 ng

RT: 7.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

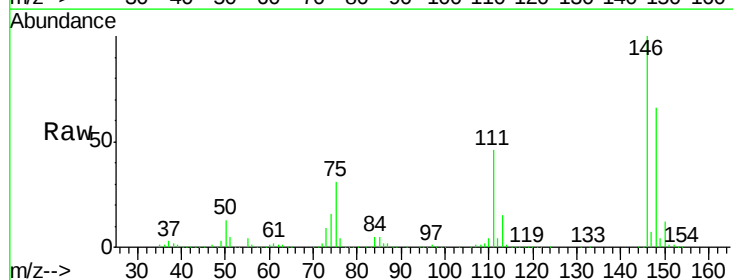
Tgt Ion:146 Resp: 849407

Ion Ratio Lower Upper

146 100

148 65.8 52.3 78.5

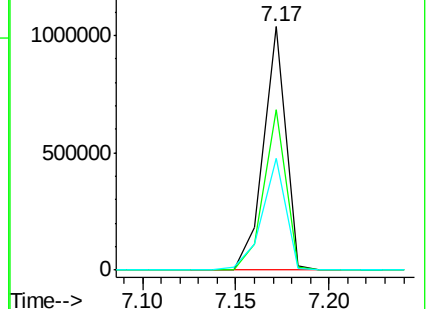
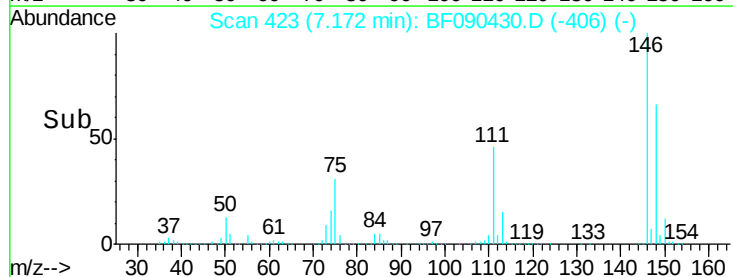
111 45.9 38.2 57.4

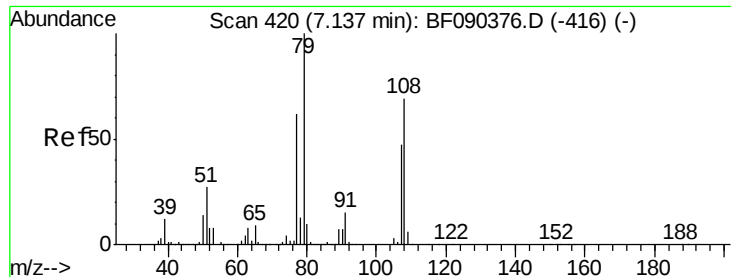


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.16 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

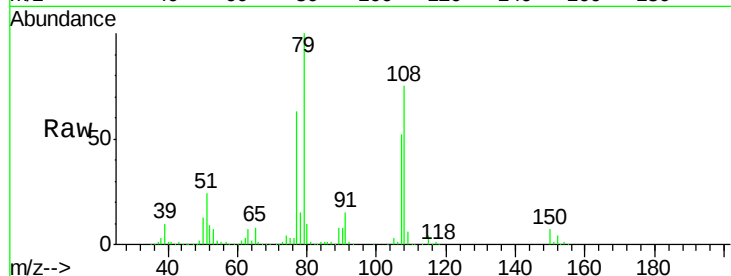
Tgt Ion: 79 Resp: 791930

Ion Ratio Lower Upper

79 100

108 74.9 60.9 91.3

77 62.5 51.5 77.3

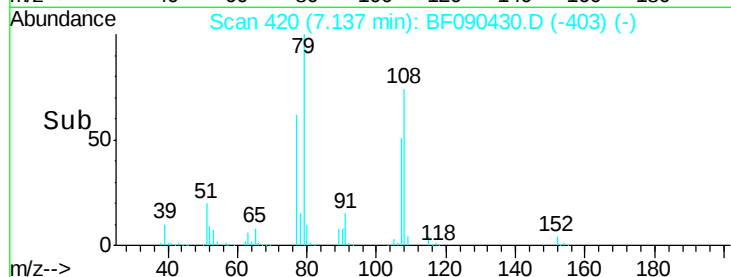


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

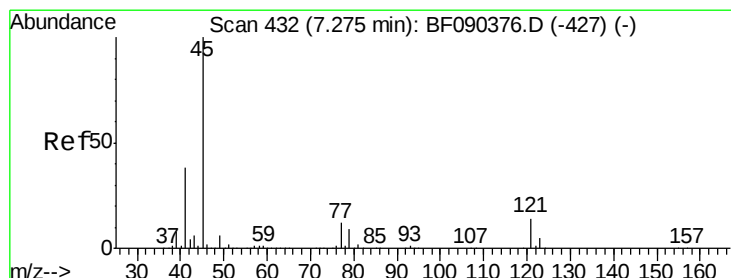
Ion 77.00 (76.70 to 77.70): BF0

Time-->



7.14

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.67 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

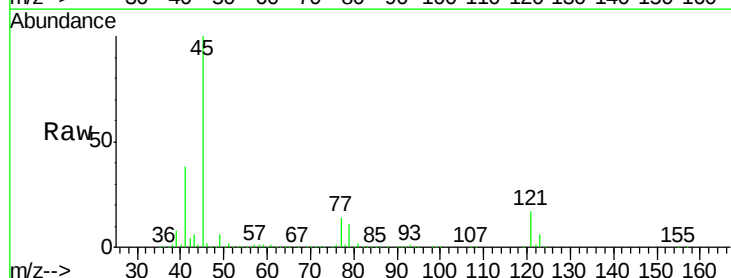
Tgt Ion: 45 Resp: 1226167

Ion Ratio Lower Upper

45 100

77 14.0 0.0 30.8

79 11.0 0.0 28.2

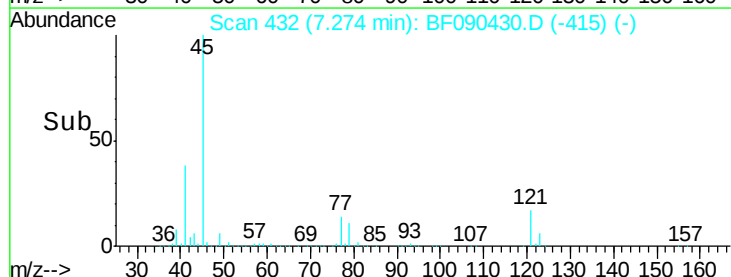


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

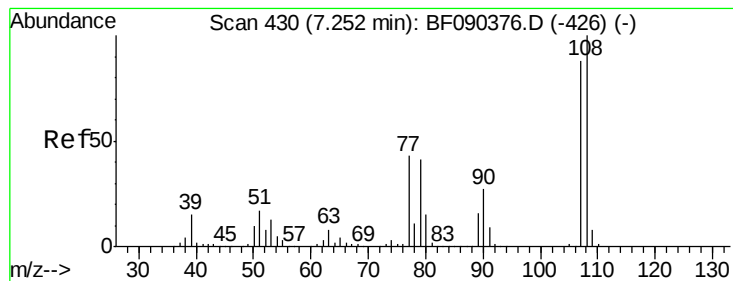
Ion 79.00 (78.70 to 79.70): BF0

Time-->



7.27

Time-->



#17

2-Methylphenol

Concen: 53.29 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:107 Resp: 735473

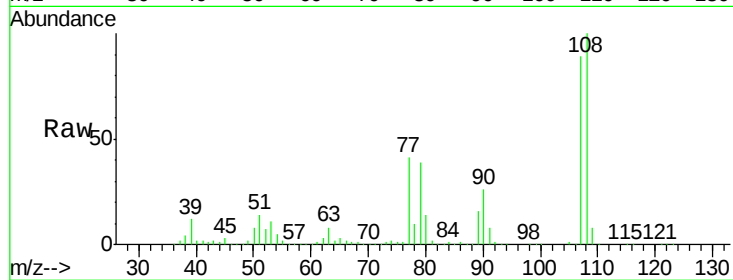
Ion Ratio Lower Upper

107 100

108 112.7 90.9 136.3

77 46.4 38.2 57.4

79 43.6 37.0 55.4

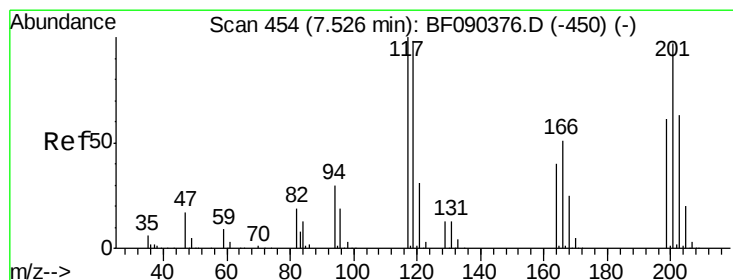
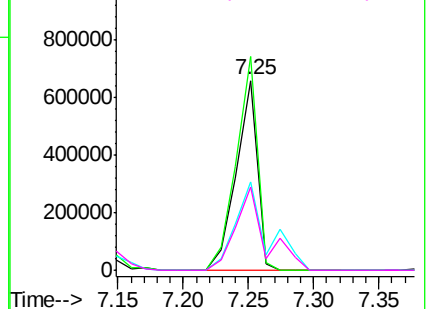
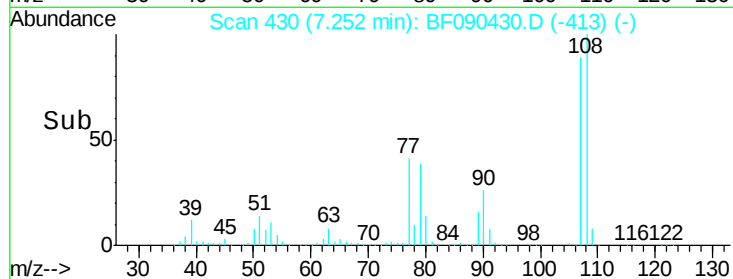


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 48.84 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

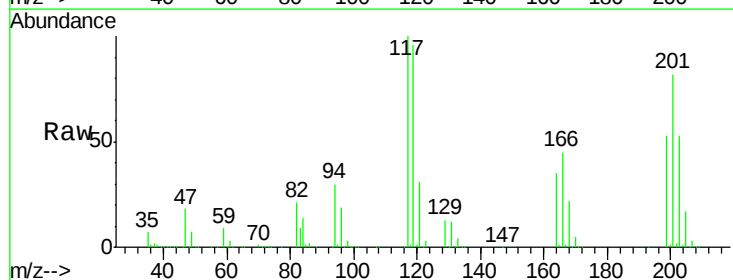
Tgt Ion:117 Resp: 327091

Ion Ratio Lower Upper

117 100

119 95.7 75.9 113.9

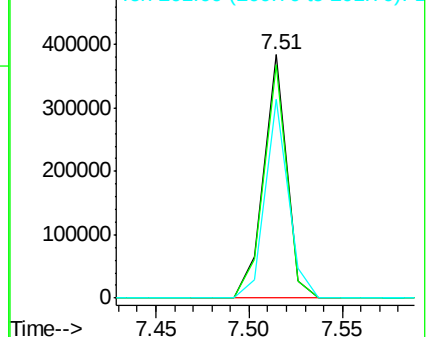
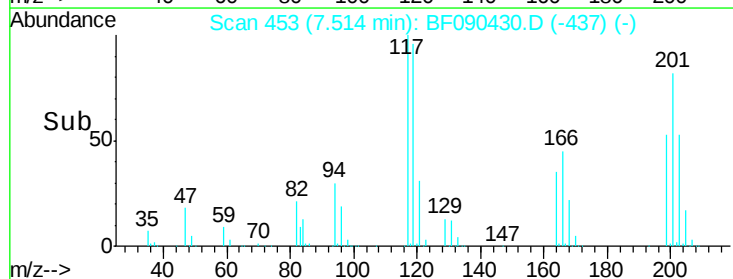
201 81.9 66.5 99.7

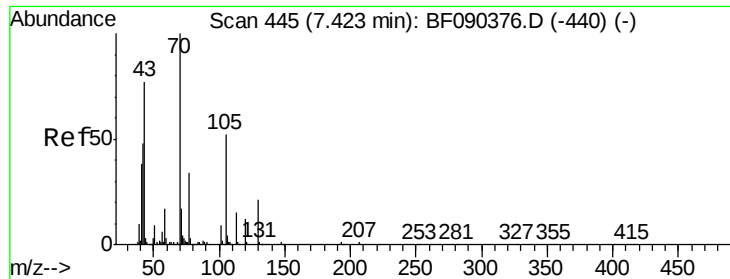


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

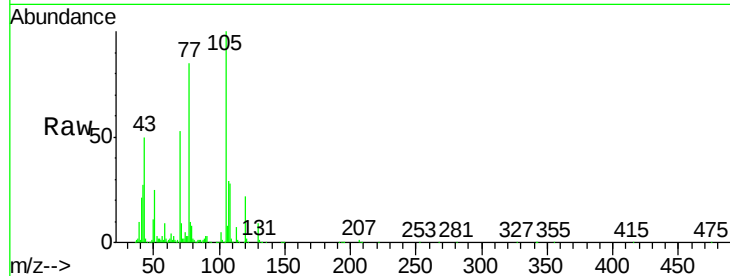




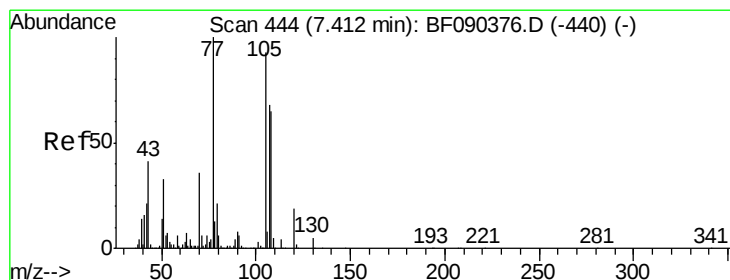
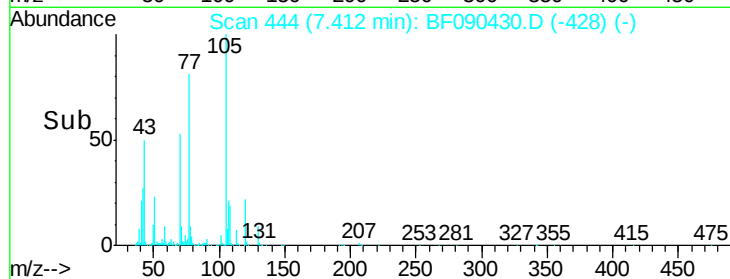
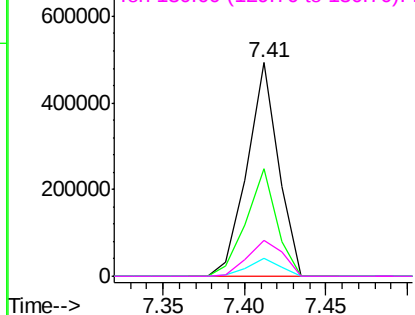
#19
n-Nitroso-di-n-propylamine
Concen: 44.70 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion: 70 Resp: 654622
Ion Ratio Lower Upper
70 100
42 50.1 55.4 83.2#
101 8.5 7.6 11.4
130 17.1 16.5 24.7



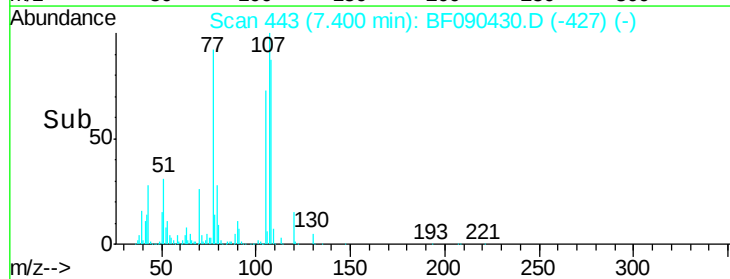
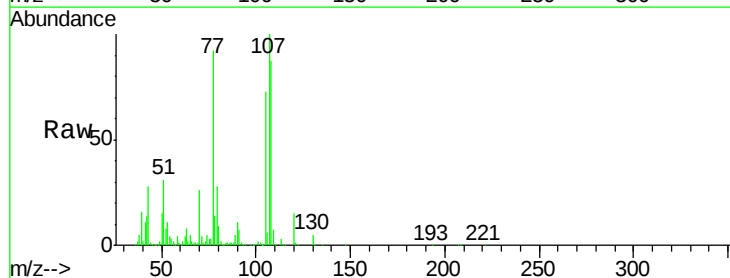
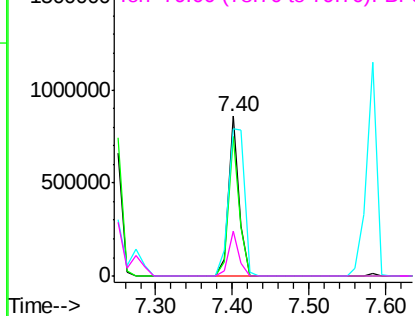
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

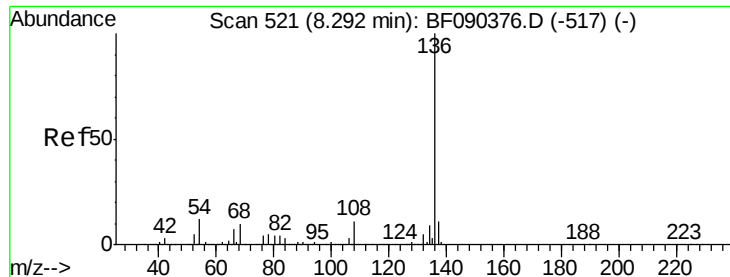


#20
3+4-Methylphenols
Concen: 47.29 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion: 107 Resp: 844689
Ion Ratio Lower Upper
107 100
108 87.3 66.7 106.7
77 92.1 53.7 93.7
79 27.8 8.4 48.4

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:136 Resp: 948596

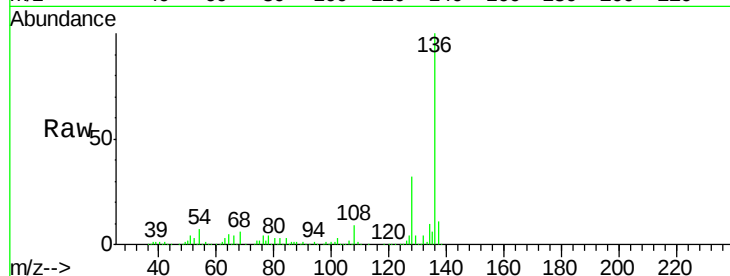
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.5 6.6 10.0#

68 6.1 5.0 7.6

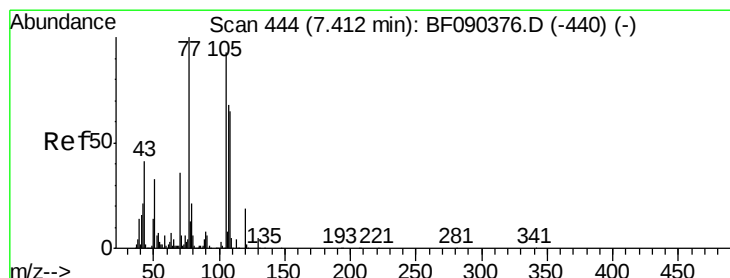
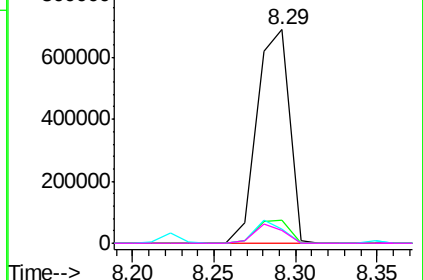
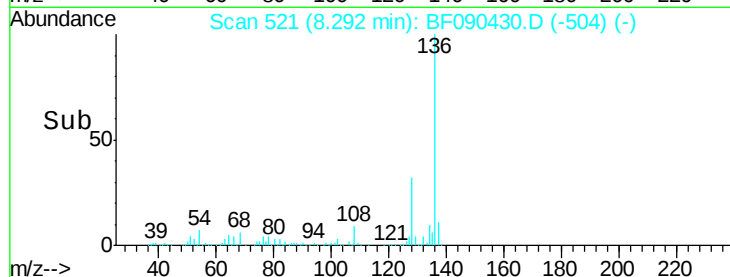


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 51.99 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion:105 Resp: 1168116

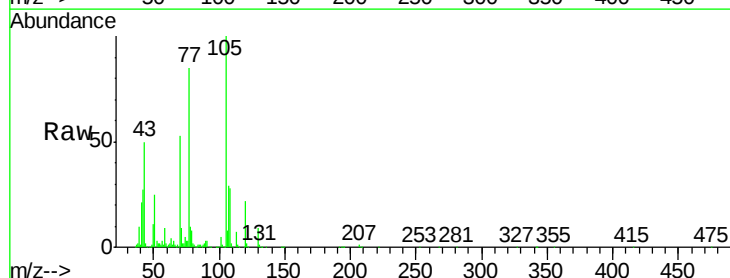
Ion Ratio Lower Upper

105 100

71 9.0 3.8 5.6#

51 25.2 28.2 42.4#

120 21.8 17.4 26.2

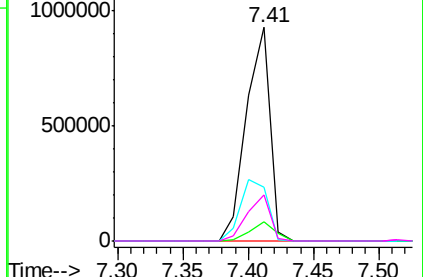
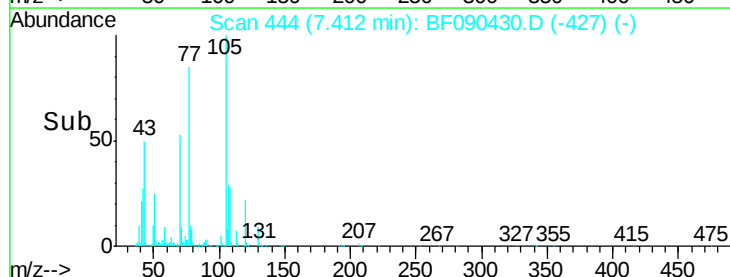


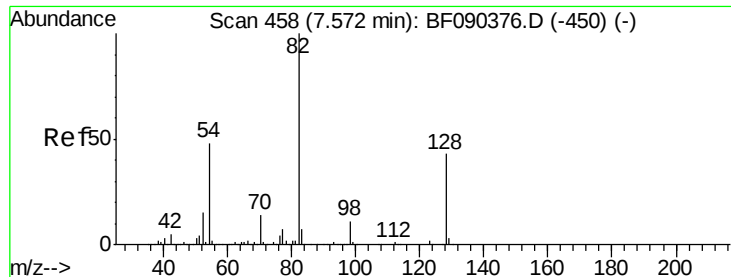
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.16 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

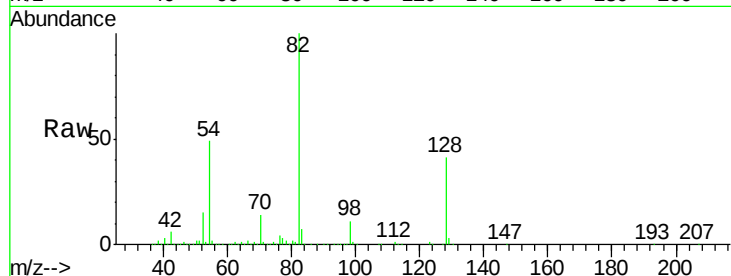
Tgt Ion: 82 Resp: 1816750

Ion Ratio Lower Upper

82 100

128 40.9 40.0 60.0

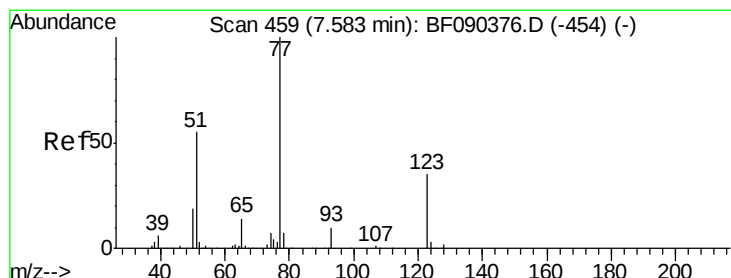
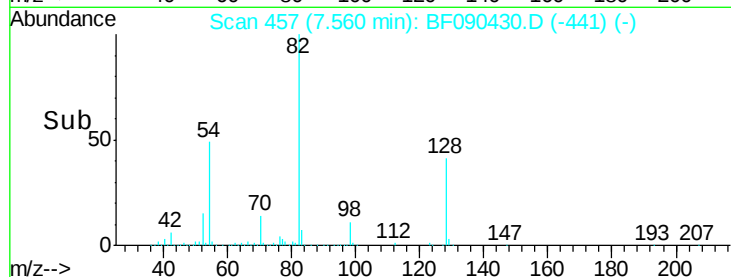
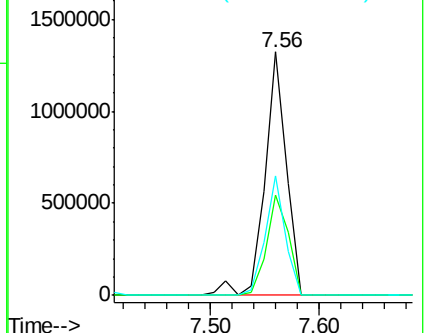
54 49.0 42.6 64.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 54.48 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

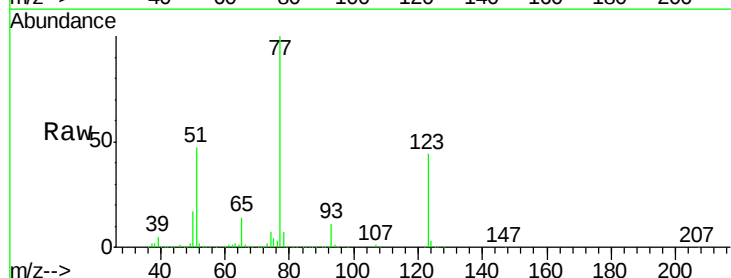
Tgt Ion: 77 Resp: 1054781

Ion Ratio Lower Upper

77 100

123 44.0 33.0 49.4

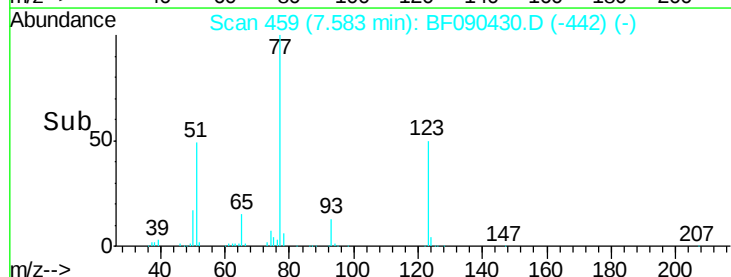
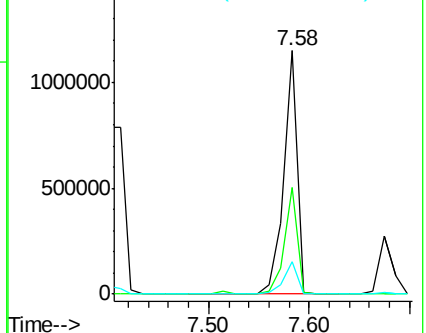
65 13.5 12.0 18.0

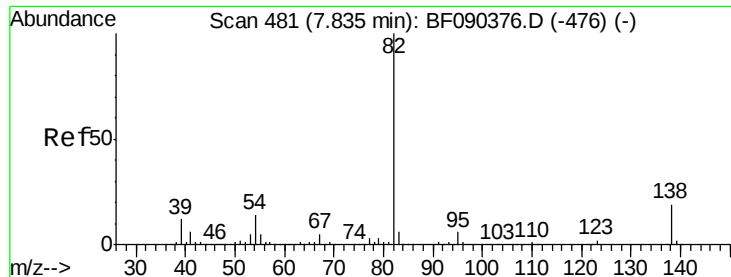


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.74 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

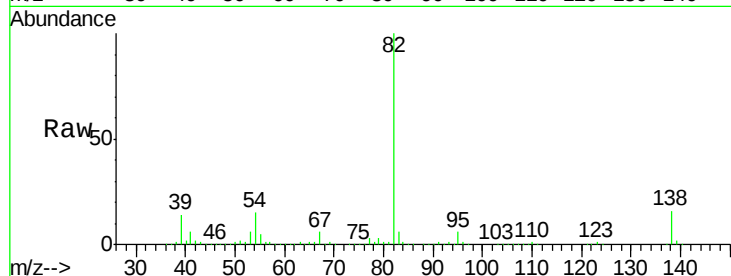
Tgt Ion: 82 Resp: 1737696

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

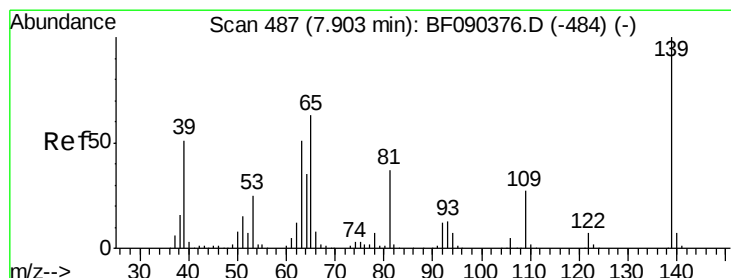
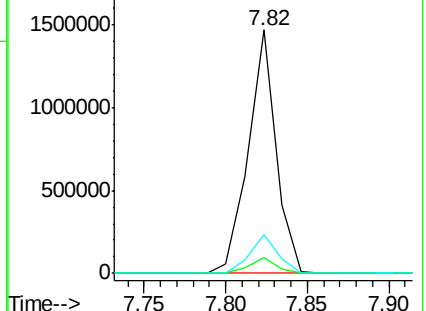
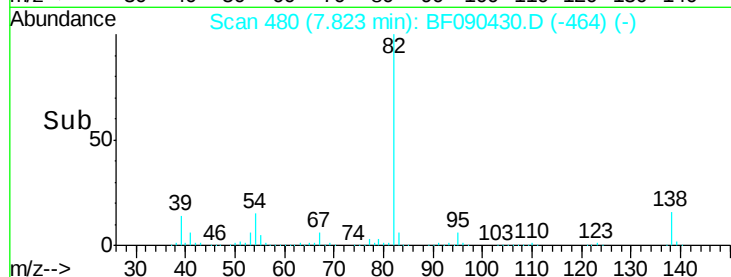
138 15.8 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 54.59 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

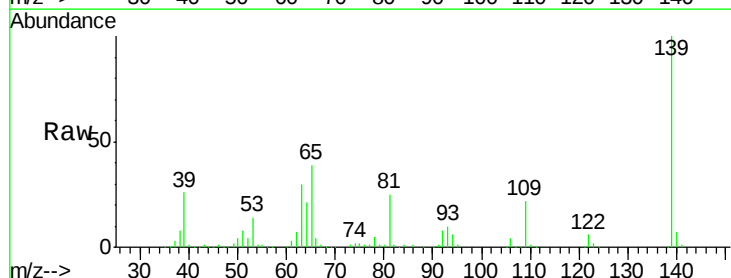
Tgt Ion: 139 Resp: 454886

Ion Ratio Lower Upper

139 100

109 21.9 18.9 28.3

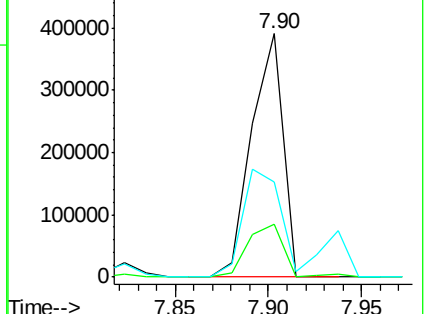
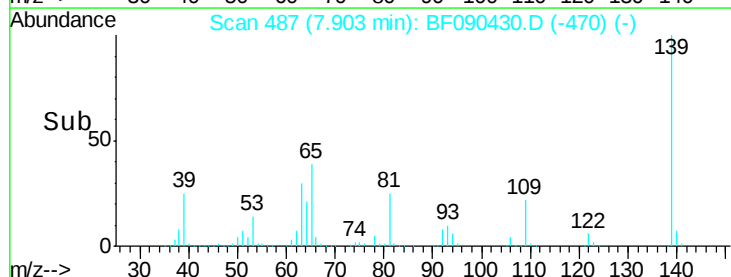
65 39.3 31.6 47.4

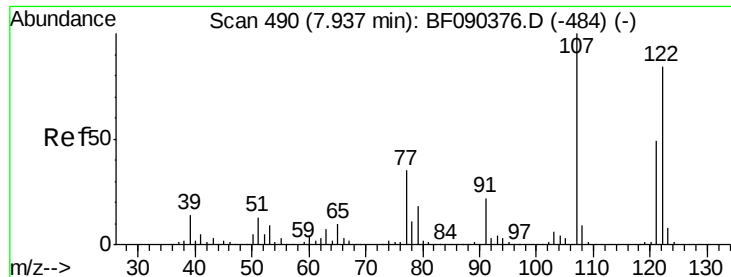


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 51.47 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

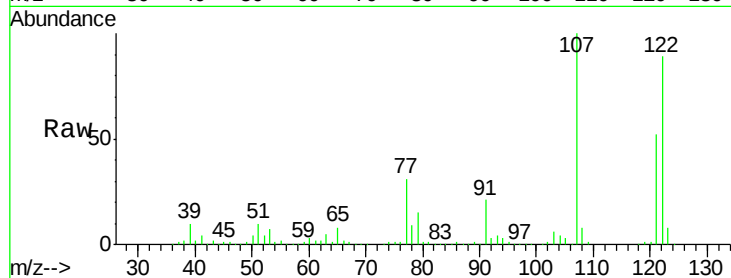
Tgt Ion:122 Resp: 834154

Ion Ratio Lower Upper

122 100

107 112.5 88.6 132.8

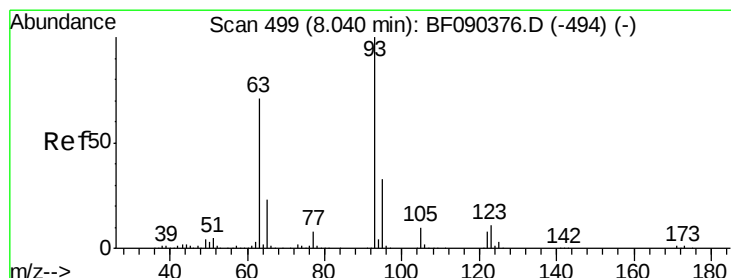
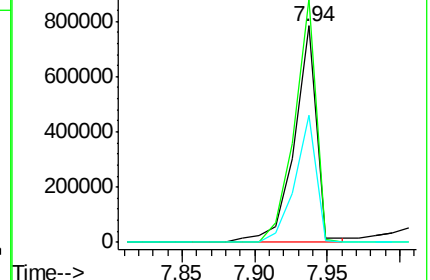
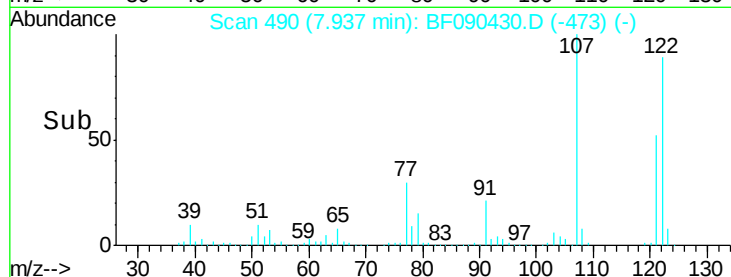
121 58.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.59 ng

RT: 8.03 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

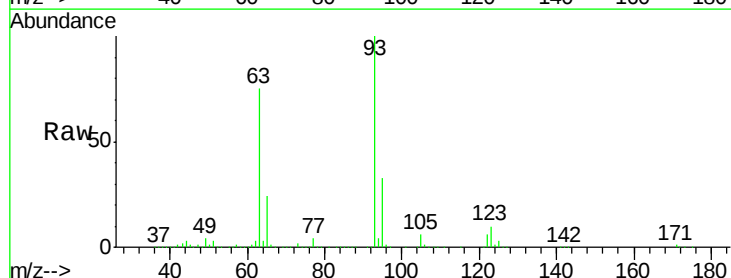
Tgt Ion: 93 Resp: 1003495

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

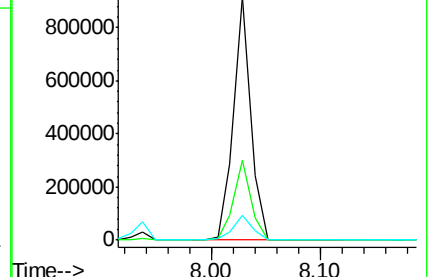
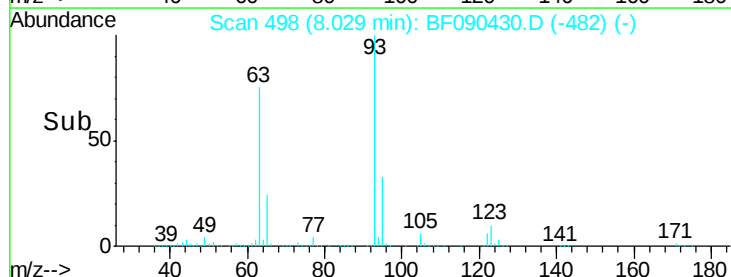
123 10.3 11.1 16.7#

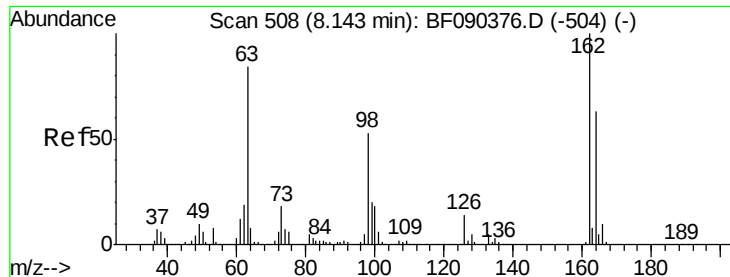


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

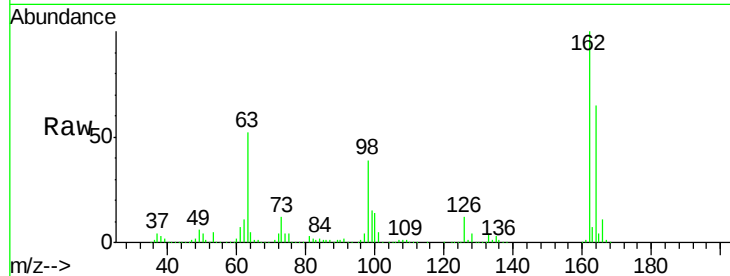




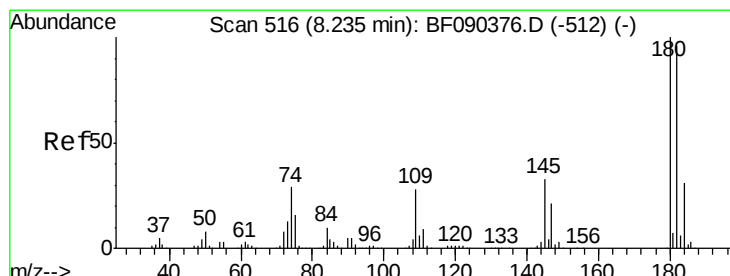
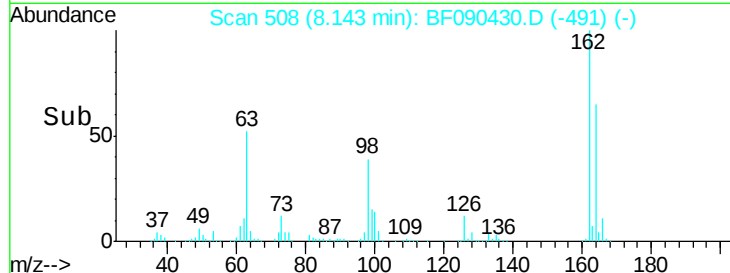
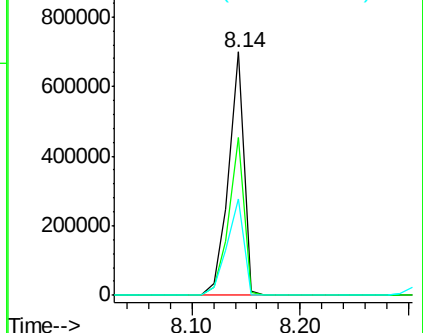
#29
 2,4-Dichlorophenol
 Concen: 55.63 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:162 Resp: 685401
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.7 85.7
 98 39.5 13.3 53.3

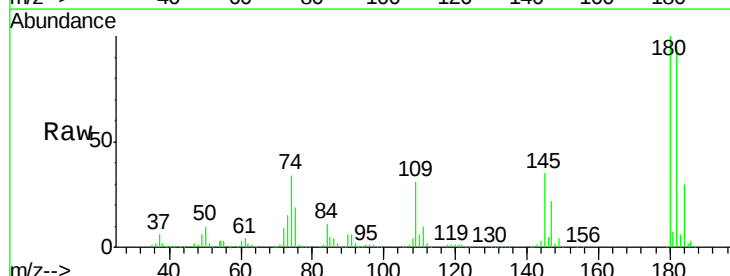


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

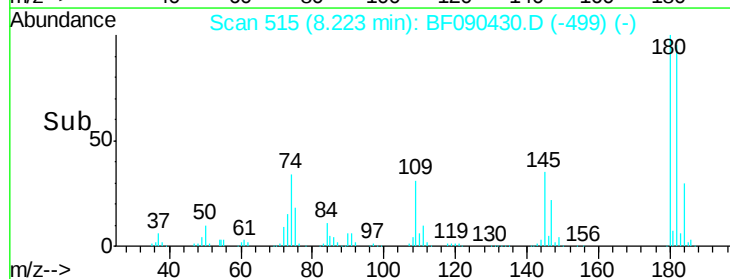
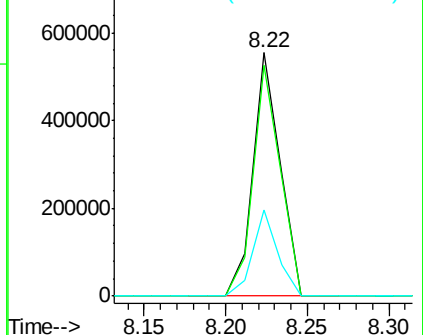


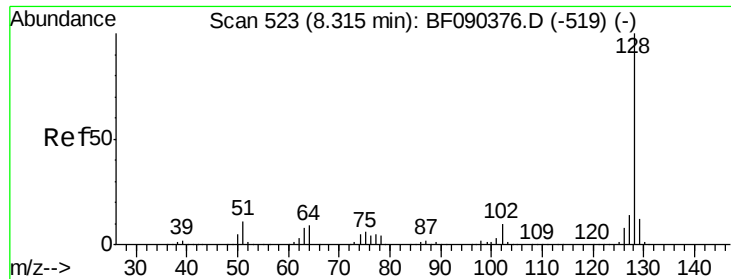
#30
 1,2,4-Trichlorobenzene
 Concen: 50.31 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:180 Resp: 638847
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.3 112.9
 145 35.1 27.7 41.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

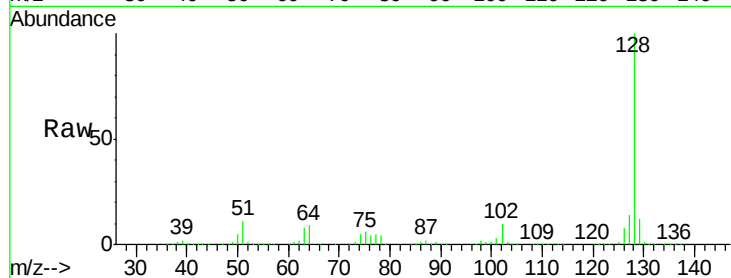




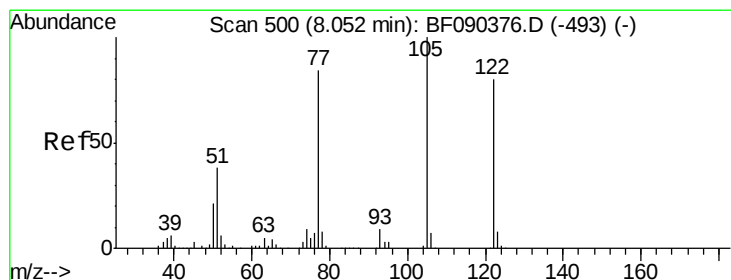
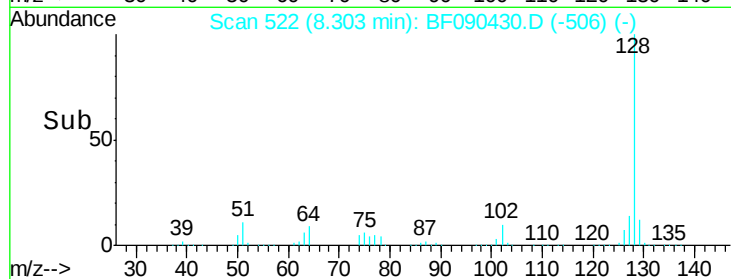
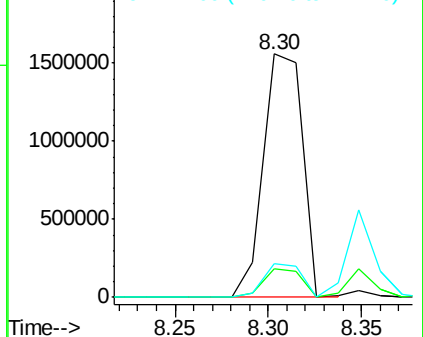
#31
Naphthalene
Concen: 49.37 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:128 Resp: 2259424
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.6 11.7 17.5

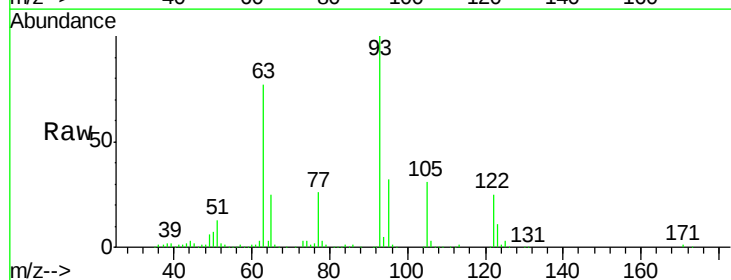


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

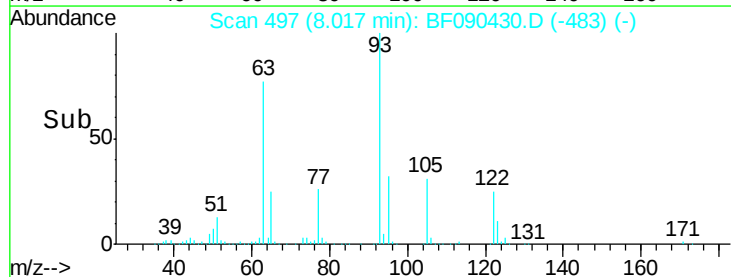
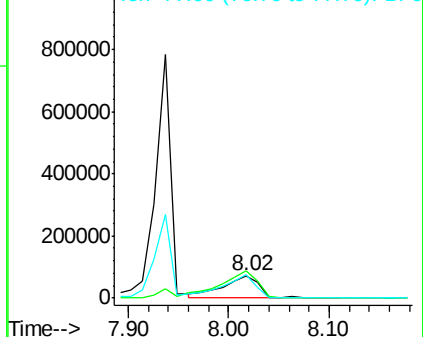


#32
Benzoic acid
Concen: 15.60 ng
RT: 8.02 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion:122 Resp: 175708
Ion Ratio Lower Upper
122 100
105 124.7 103.9 143.9
77 105.4 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

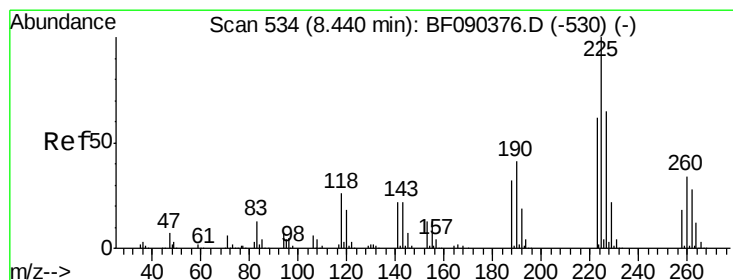
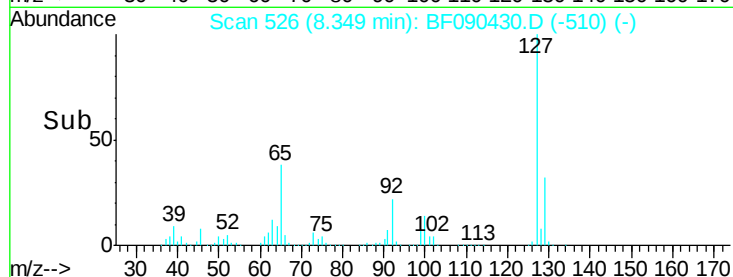
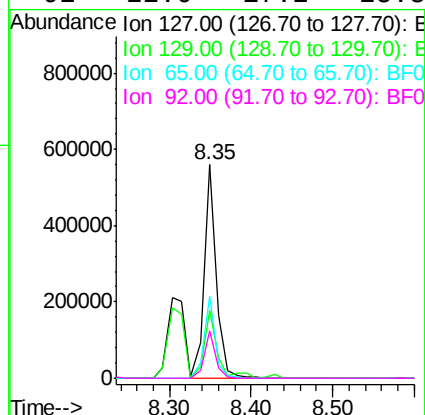
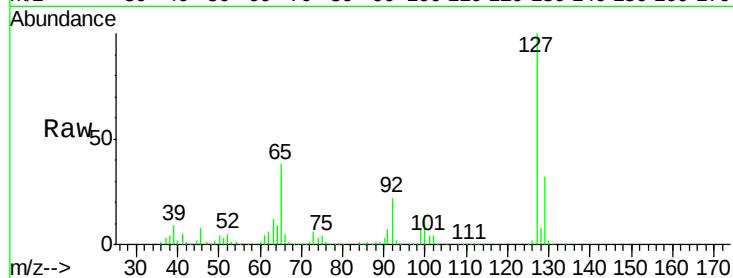




#33
4-Chloroaniline
Concen: 30.94 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

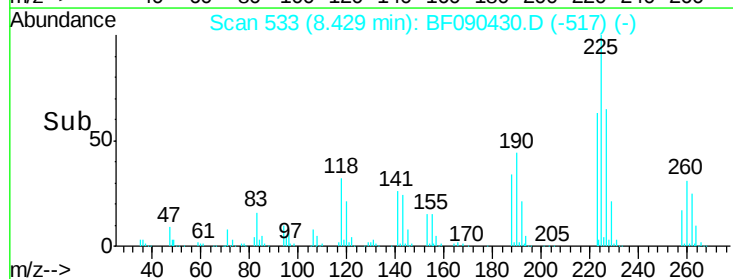
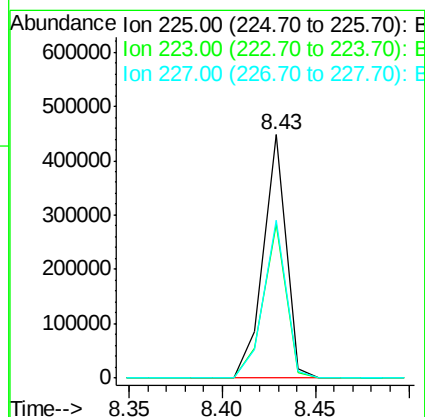
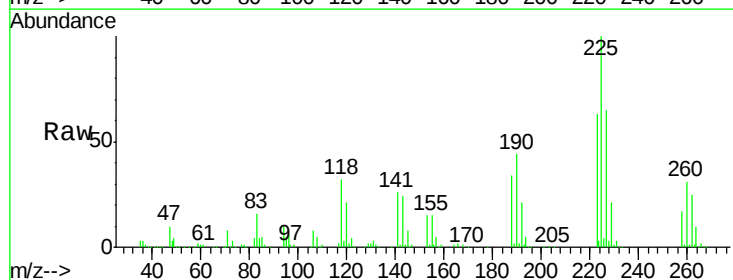
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

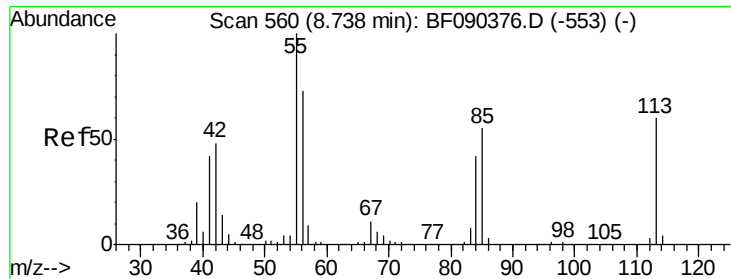
Tgt Ion:	127	Resp:	585355
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	38.2	32.5	48.7
92	22.0	17.2	25.8



#34
Hexachlorobutadiene
Concen: 53.44 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion:	225	Resp:	379123
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	64.7	50.8	76.2

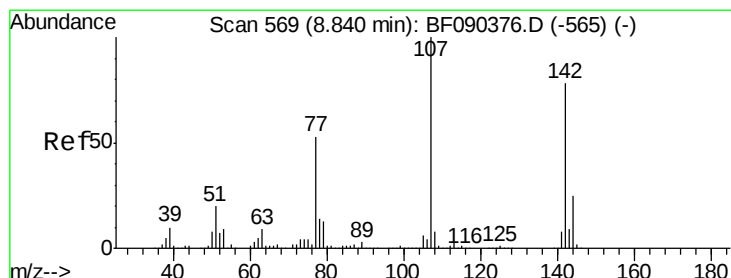
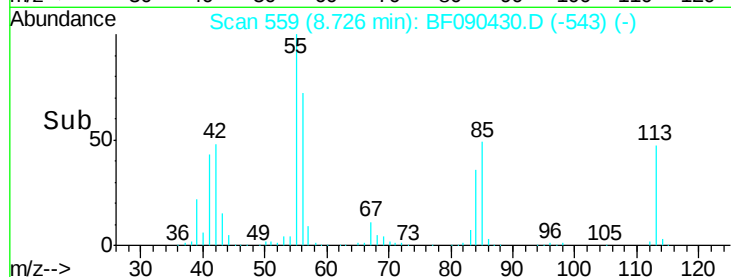
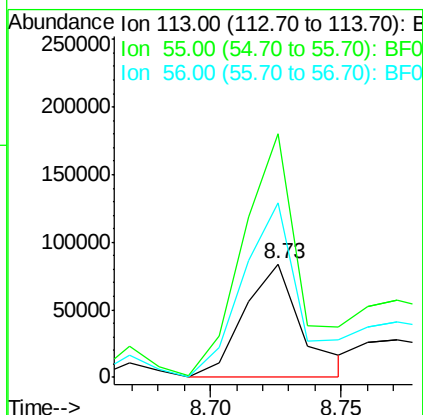
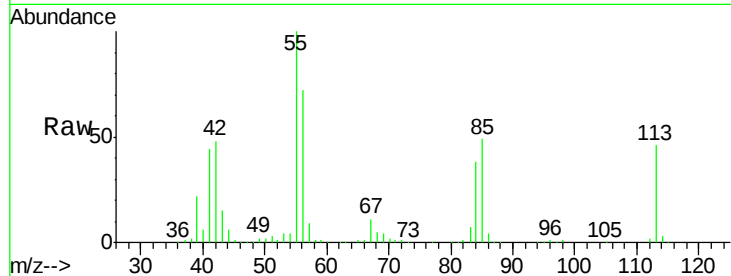




#35
 Caprolactam
 Concen: 31.52 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

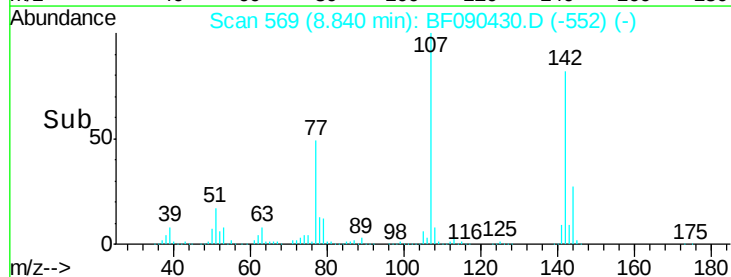
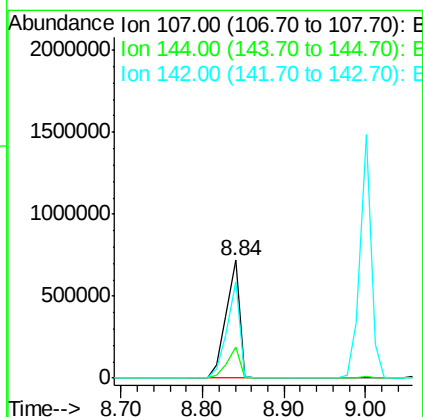
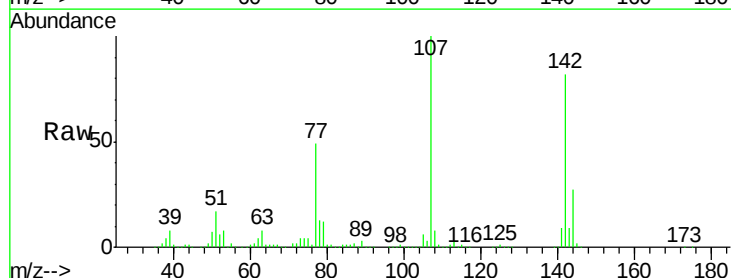
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

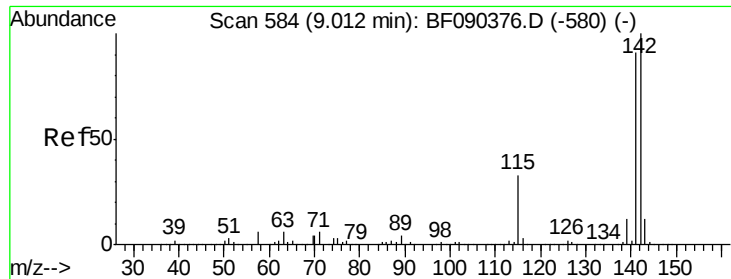
Tgt Ion:113 Resp: 130562
 Ion Ratio Lower Upper
 113 100
 55 215.1 203.3 243.3
 56 154.3 140.5 180.5



#36
 4-Chloro-3-methylphenol
 Concen: 53.18 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:107 Resp: 820359
 Ion Ratio Lower Upper
 107 100
 144 26.5 19.8 29.8
 142 81.8 60.7 91.1

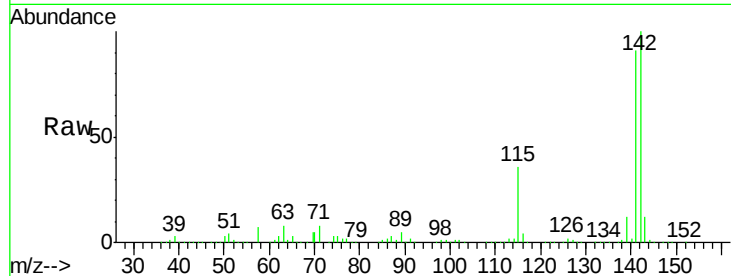




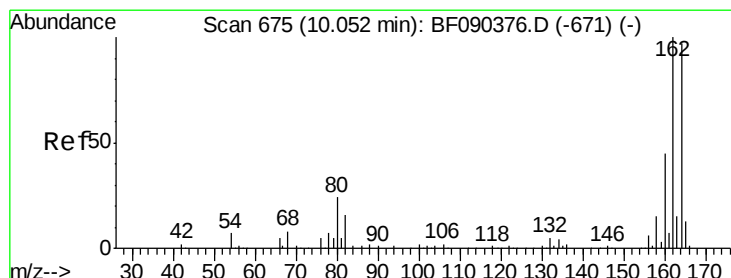
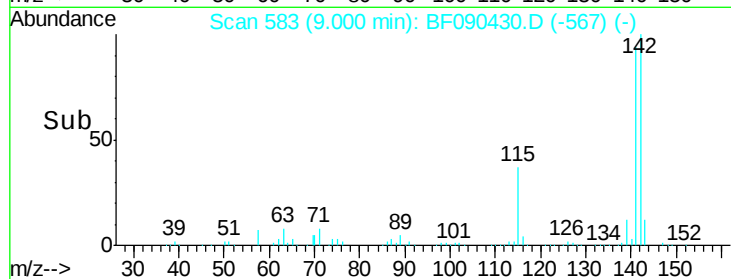
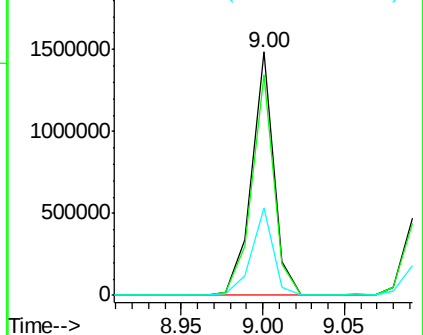
#37
 2-Methylnaphthalene
 Concen: 50.75 ng
 RT: 9.00 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:142 Resp: 1405884
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.8 107.8
 115 35.9 28.8 43.2

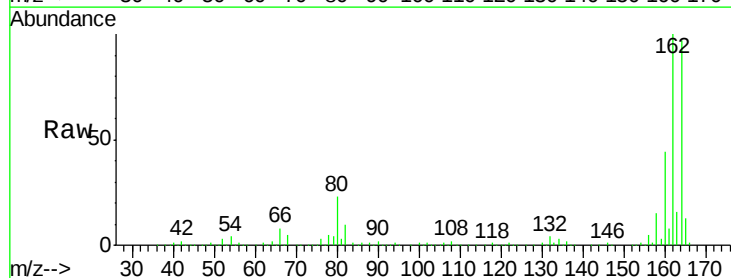


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

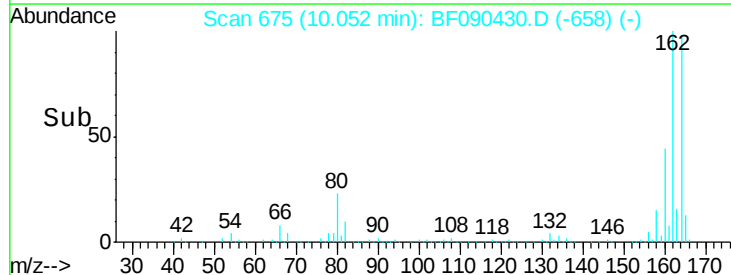
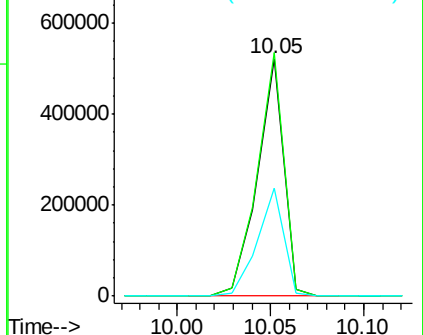


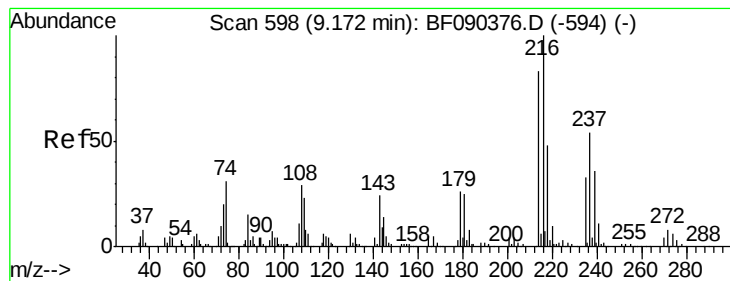
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:164 Resp: 508385
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.1 120.1
 160 45.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.32 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:216 Resp: 701225

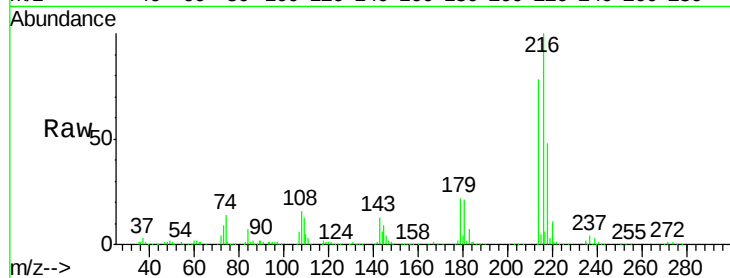
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 22.9 18.0 27.0

108 21.5 15.2 22.8

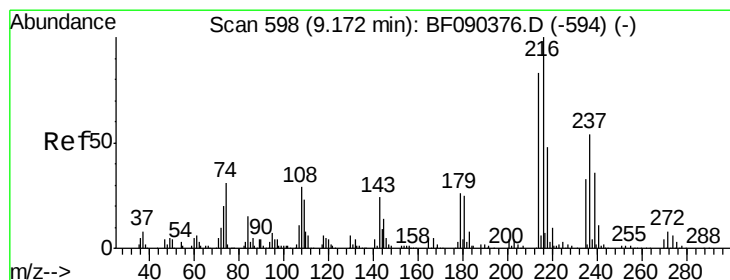
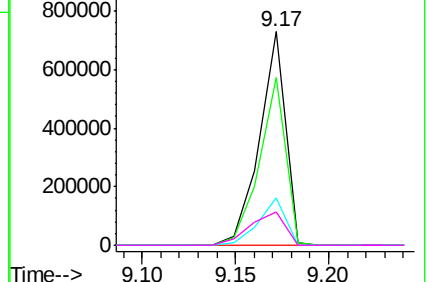
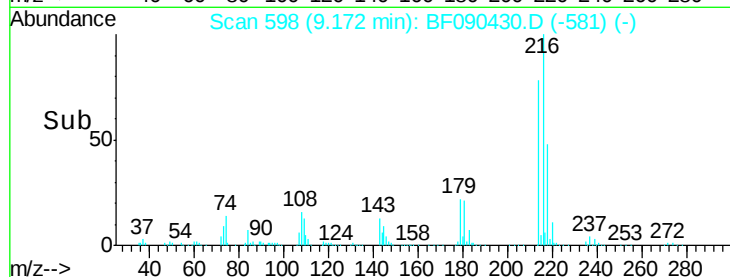


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.89 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

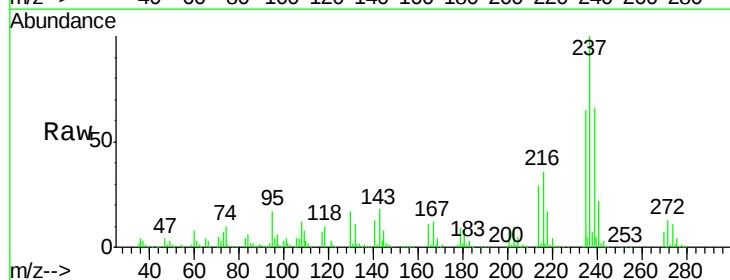
Tgt Ion:237 Resp: 653107

Ion Ratio Lower Upper

237 100

235 64.9 43.6 83.6

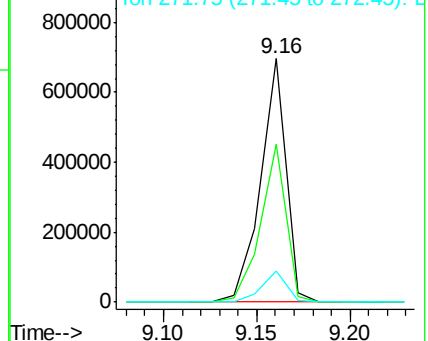
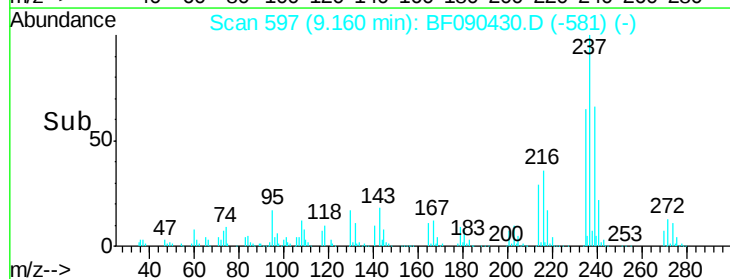
272 13.0 0.0 32.7

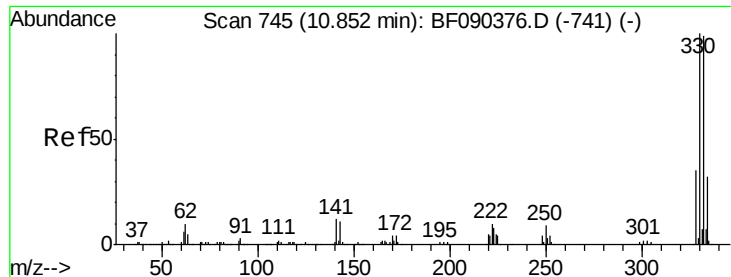


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

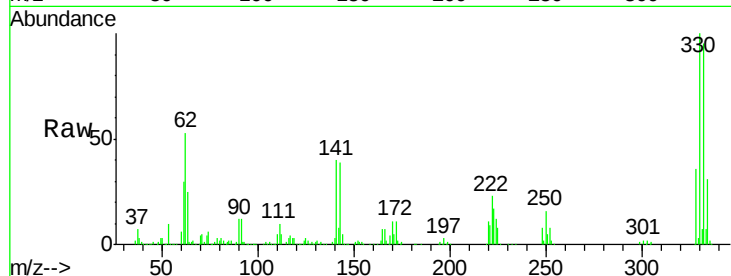




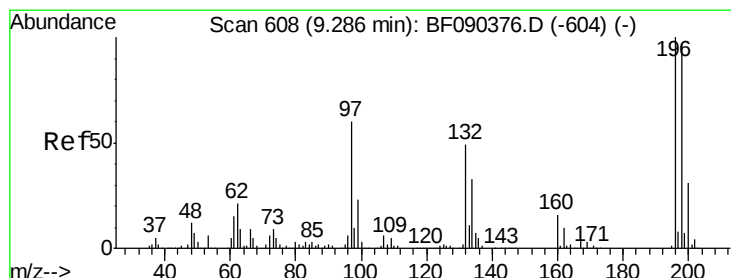
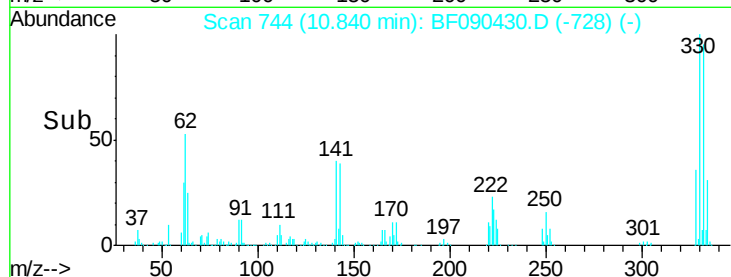
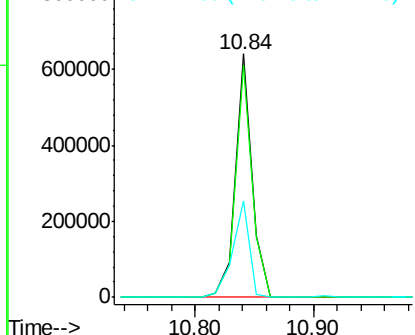
#41
 2,4,6-Tribromophenol
 Concen: 150.68 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:330 Resp: 622876
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 39.4 26.9 40.3

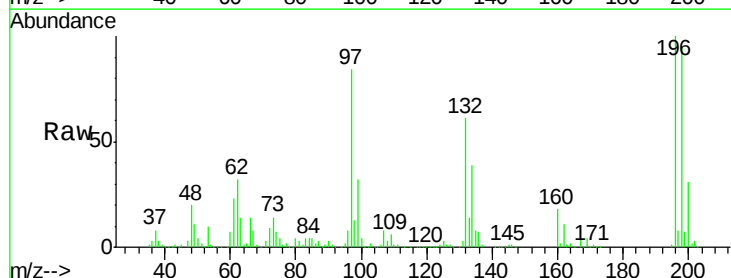


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

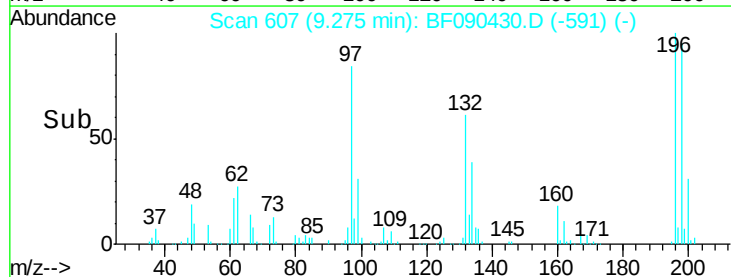
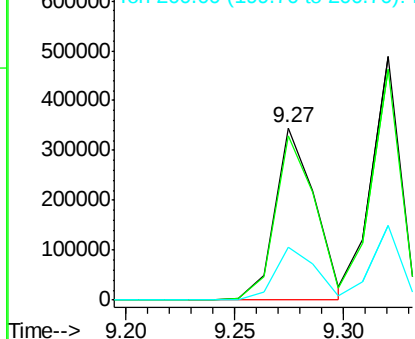


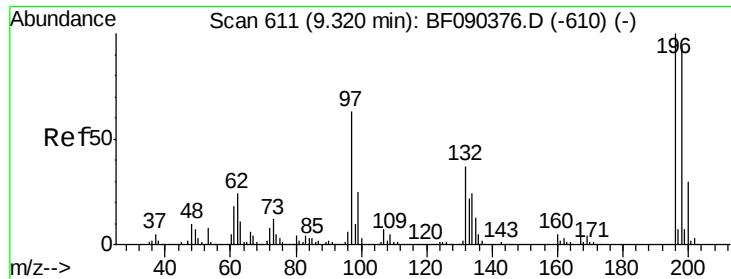
#42
 2,4,6-Trichlorophenol
 Concen: 47.67 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:196 Resp: 440884
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.9 118.3
 200 30.6 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

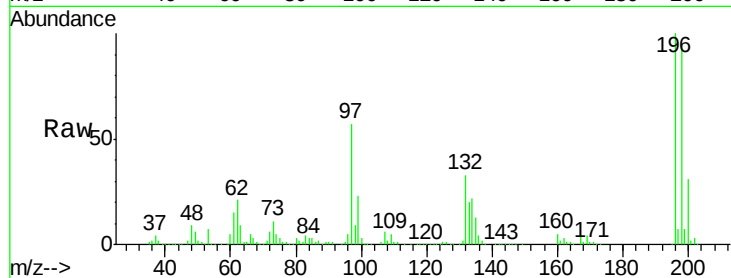




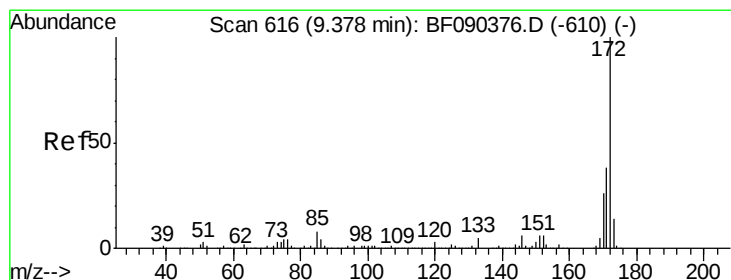
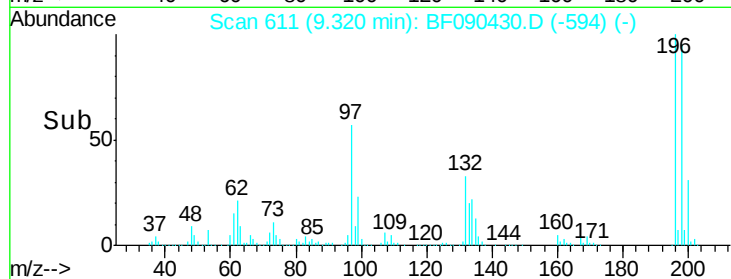
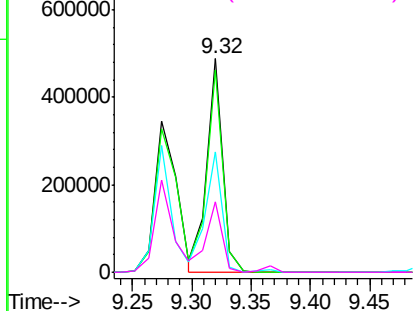
#43
 2,4,5-Trichlorophenol
 Concen: 51.95 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:196 Resp: 454348
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.1 117.1
 97 56.6 48.1 72.1
 132 32.8 27.4 41.2

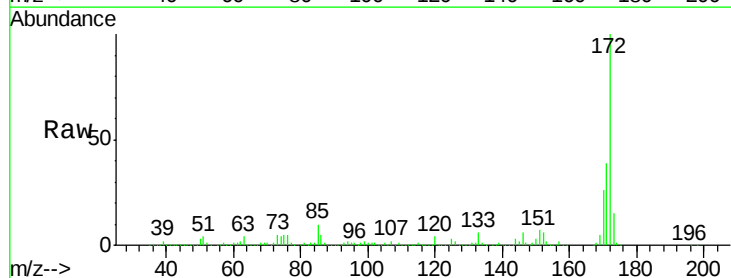


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

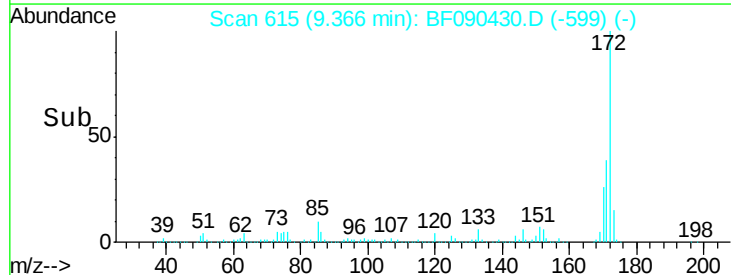
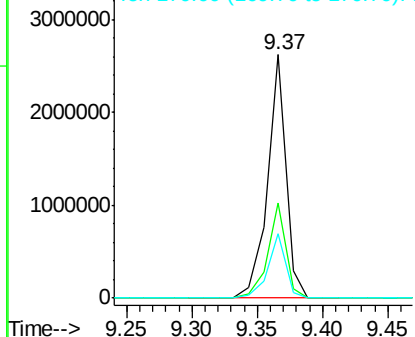


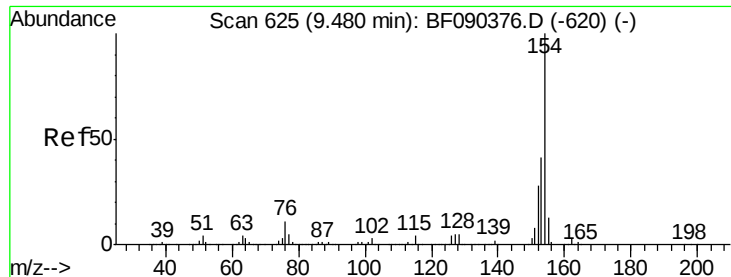
#44
 2-Fluorobiphenyl
 Concen: 85.34 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:172 Resp: 2603917
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.8 47.8
 170 26.4 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

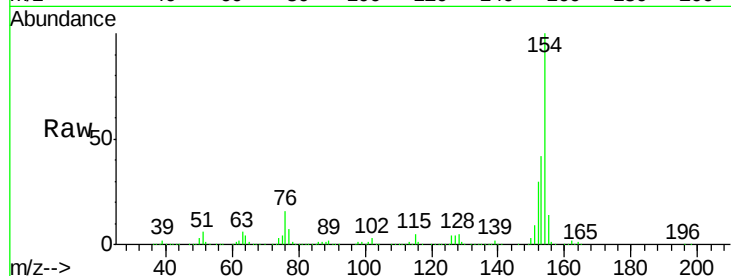




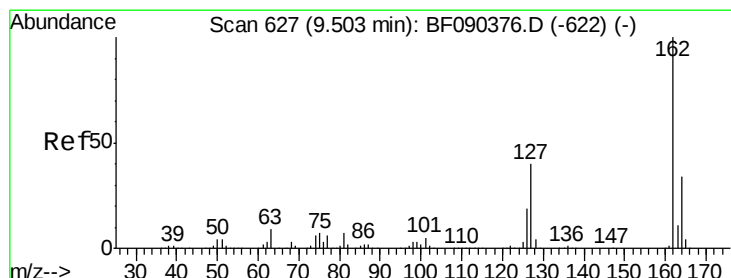
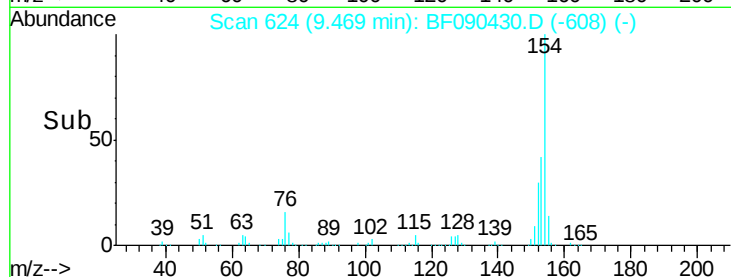
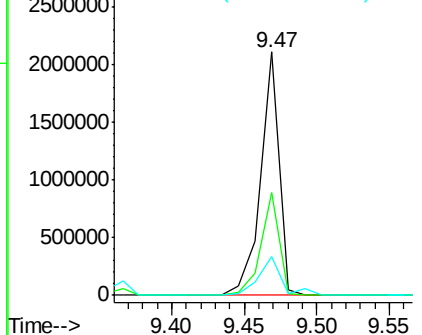
#45
 1,1'-Biphenyl
 Concen: 49.14 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:154 Resp: 1851215
 Ion Ratio Lower Upper
 154 100
 153 42.4 23.8 63.8
 76 16.2 0.0 35.8

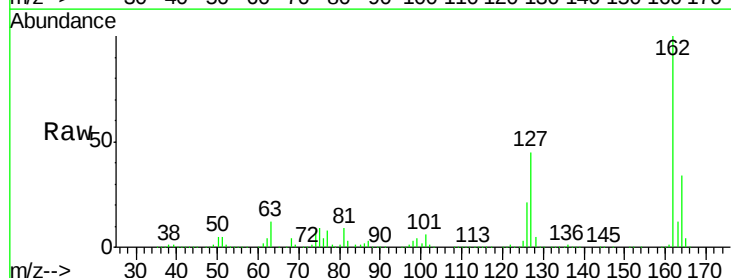


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

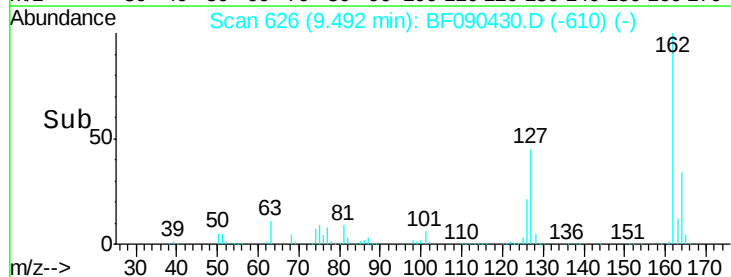
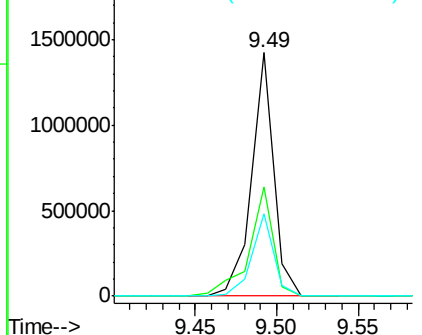


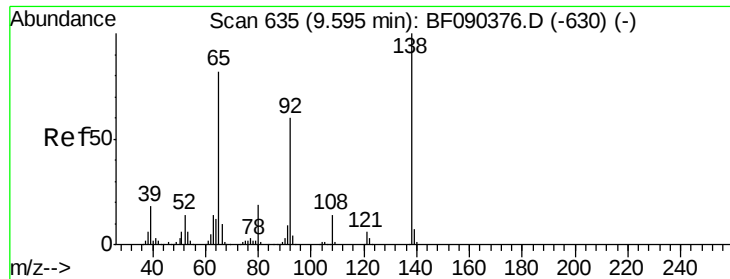
#46
 2-Chloronaphthalene
 Concen: 48.14 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:162 Resp: 1339853
 Ion Ratio Lower Upper
 162 100
 127 44.8 35.6 53.4
 164 34.0 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

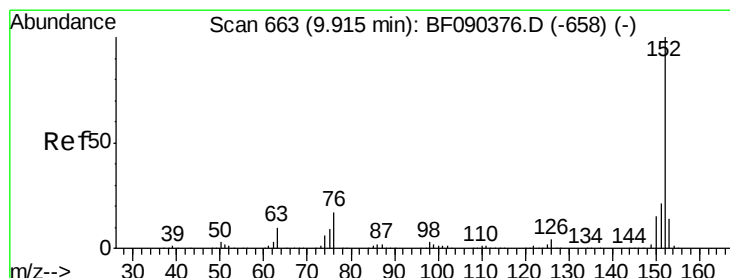
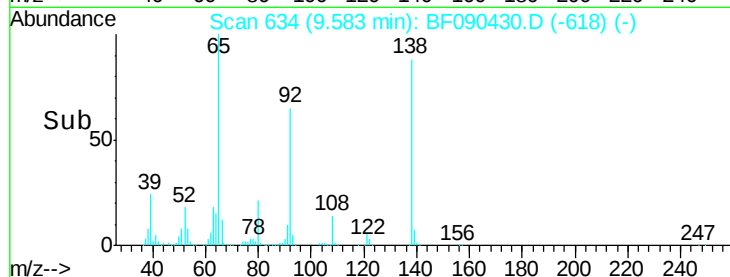
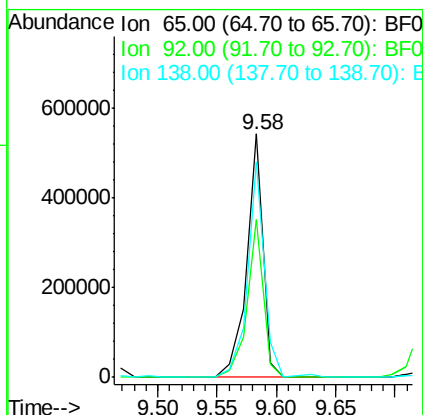
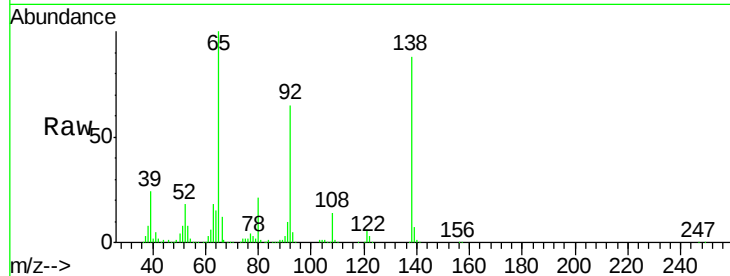




#47
2-Nitroaniline
Concen: 47.17 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

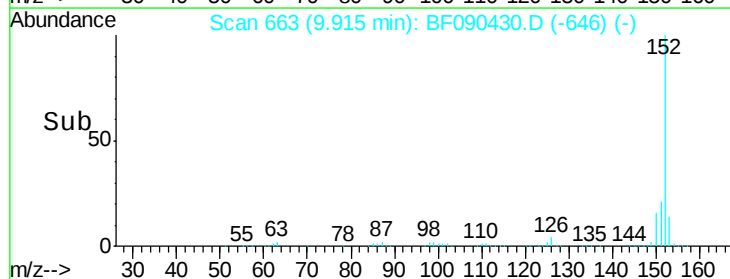
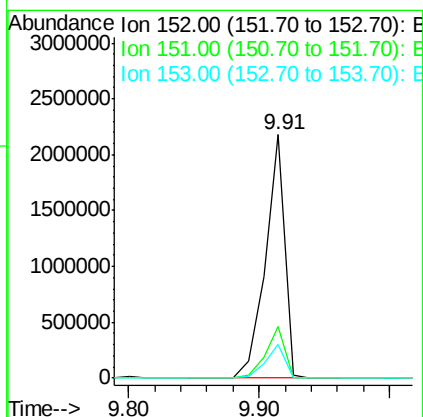
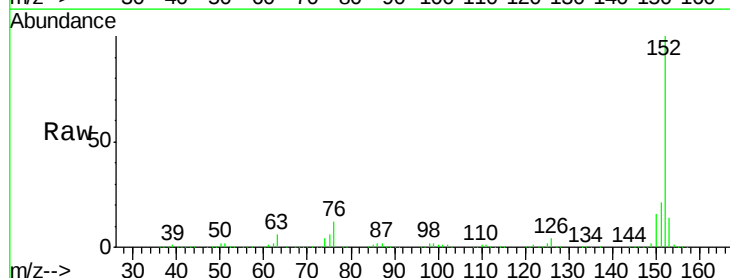
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

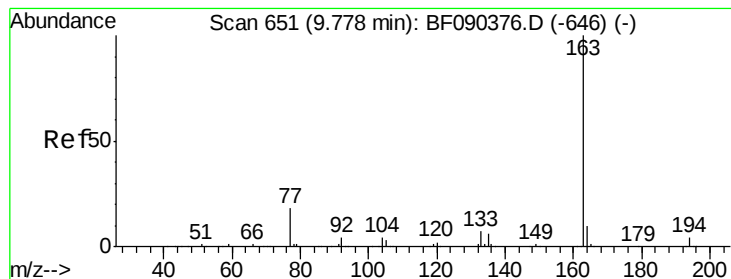
Tgt Ion: 65 Resp: 518092
Ion Ratio Lower Upper
65 100
92 64.9 51.7 77.5
138 88.3 79.0 118.4



#48
Acenaphthylene
Concen: 48.83 ng
RT: 9.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion: 152 Resp: 2242740
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.0
153 14.1 11.6 17.4





#49

Dimethylphthalate

Concen: 98.35 ng

RT: 9.78 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

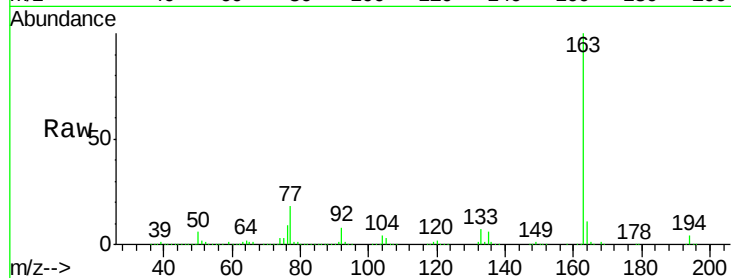
Tgt Ion:163 Resp: 3202244

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

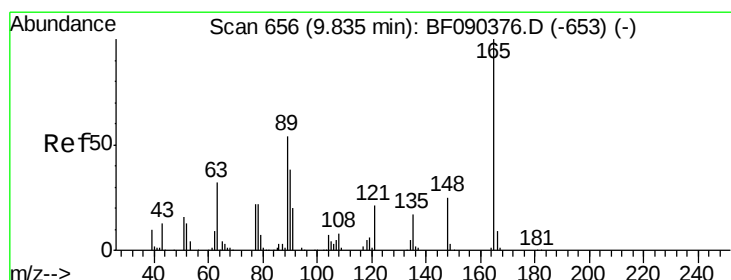
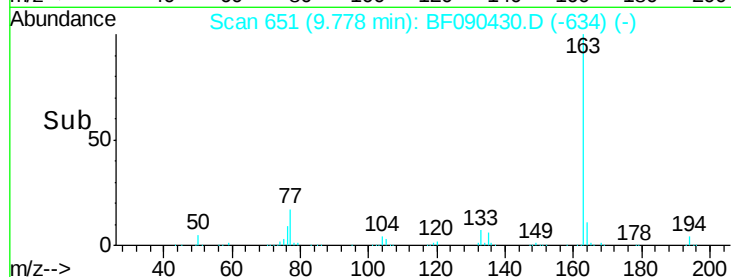
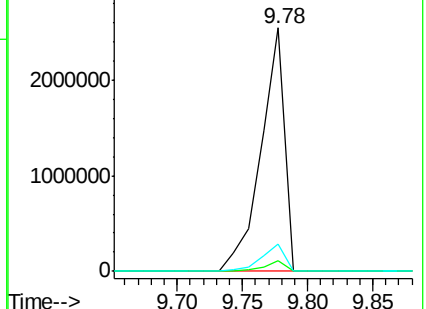
164 11.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 53.56 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

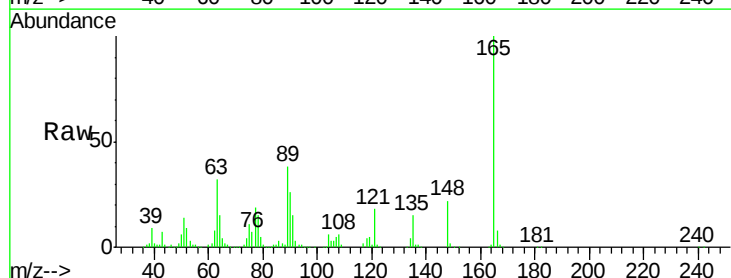
Tgt Ion:165 Resp: 387150

Ion Ratio Lower Upper

165 100

63 31.9 58.0 87.0#

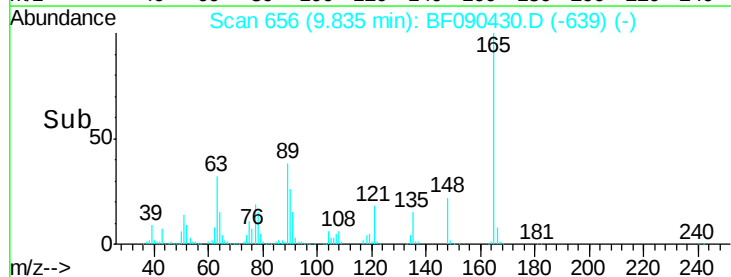
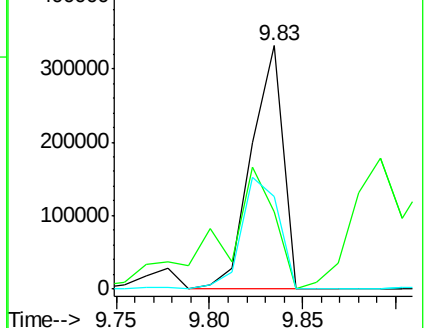
89 38.2 51.2 76.8#

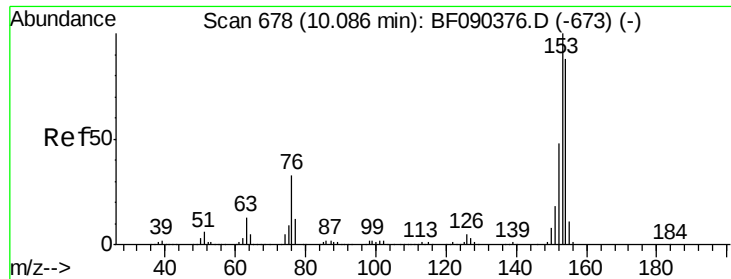


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 52.81 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

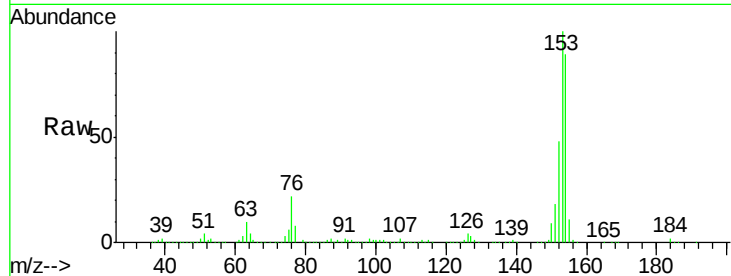
Tgt Ion:154 Resp: 1512385

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

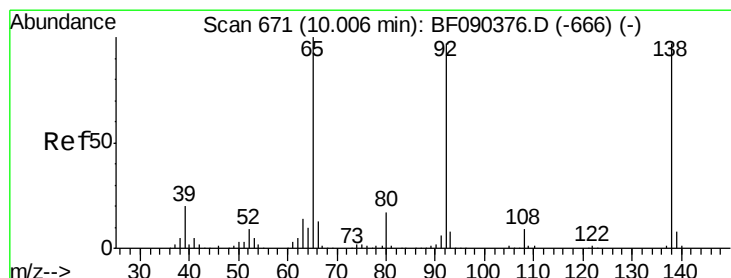
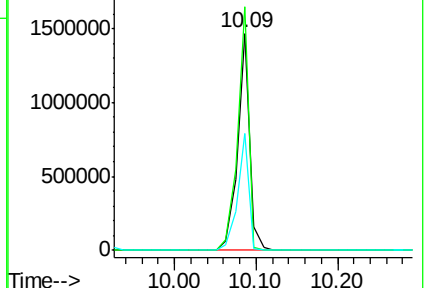
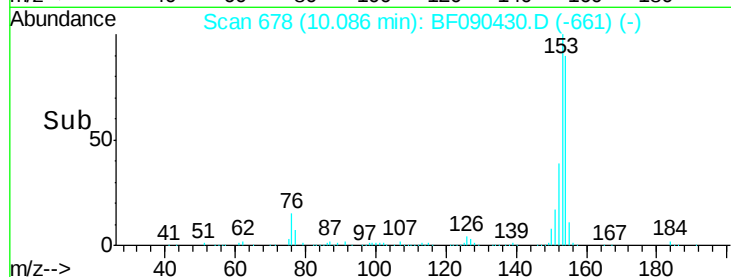
152 54.2 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.65 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

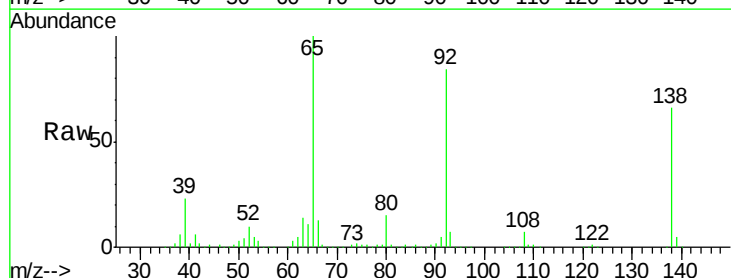
Tgt Ion:138 Resp: 292591

Ion Ratio Lower Upper

138 100

108 10.9 9.7 14.5

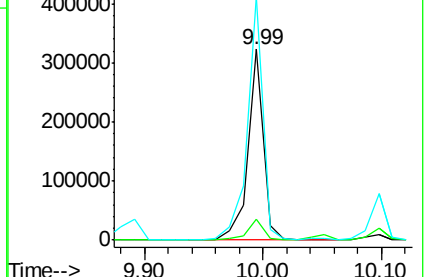
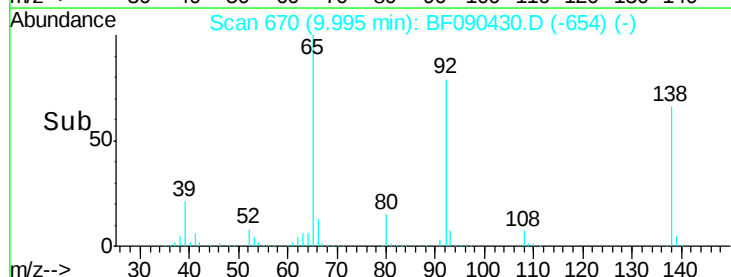
92 127.4 97.1 145.7

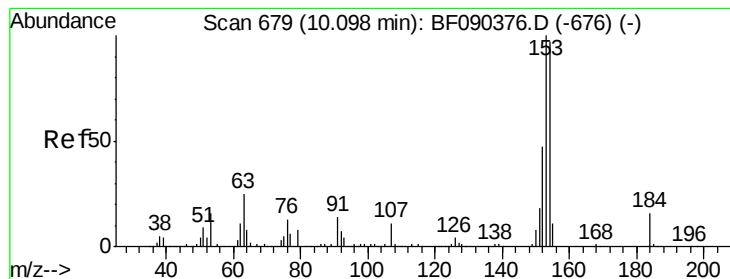


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 68.52 ng

RT: 10.10 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

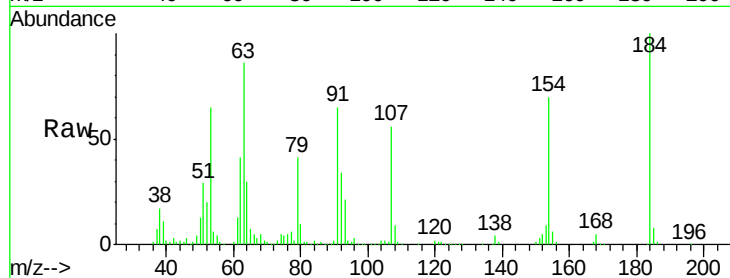
Tgt Ion:184 Resp: 220842

Ion Ratio Lower Upper

184 100

63 86.5 41.9 62.9#

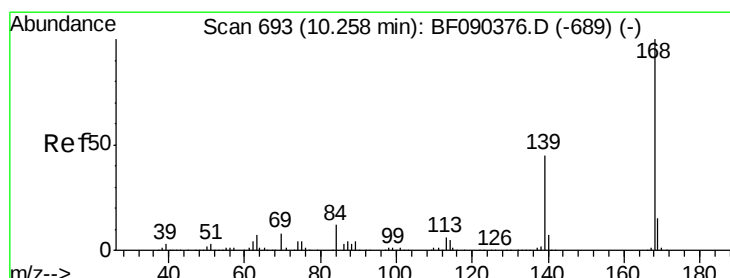
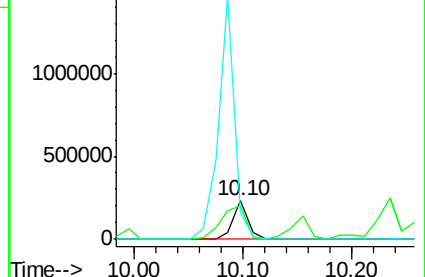
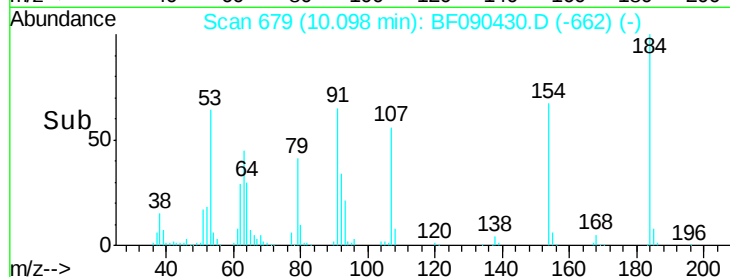
154 70.4 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 54.62 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

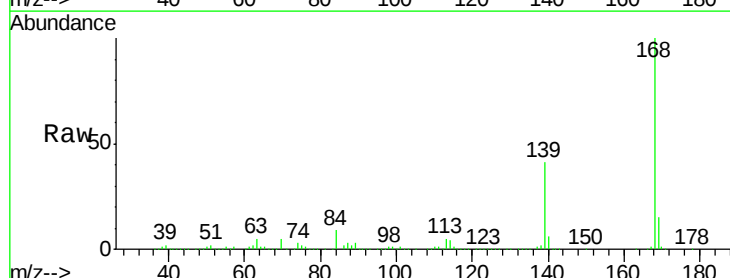
Tgt Ion:168 Resp: 2024441

Ion Ratio Lower Upper

168 100

139 41.0 29.6 44.4

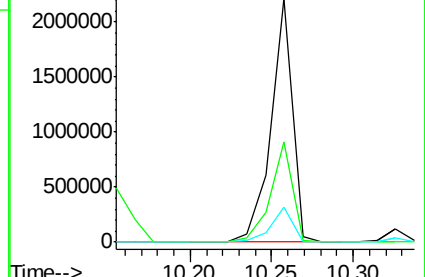
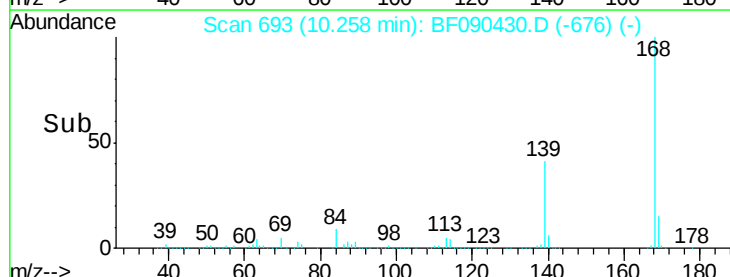
169 14.6 11.3 16.9

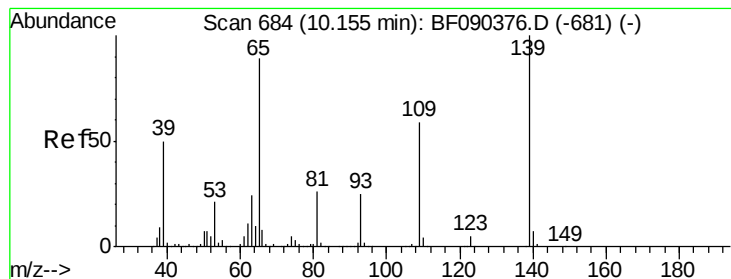


Abundance Ion 168.00 (167.70 to 168.70): E

3000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 89.43 ng

RT: 10.15 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

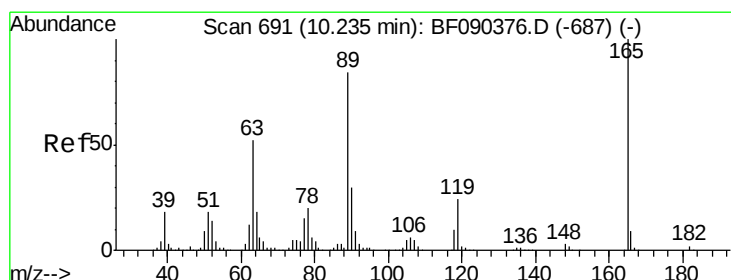
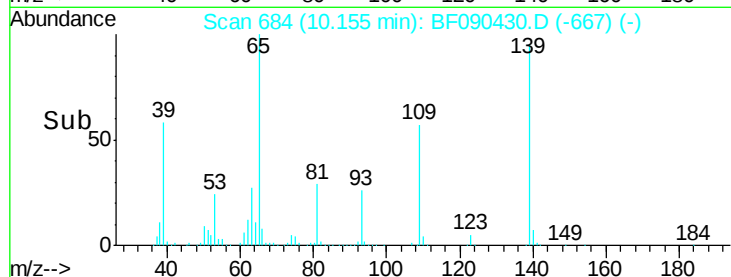
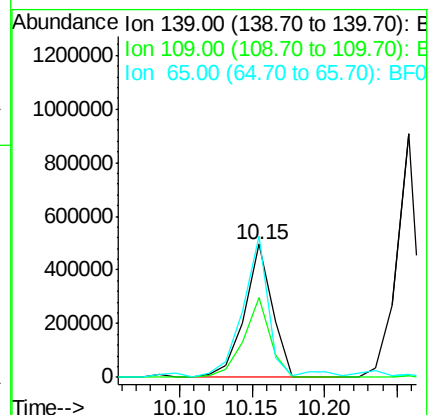
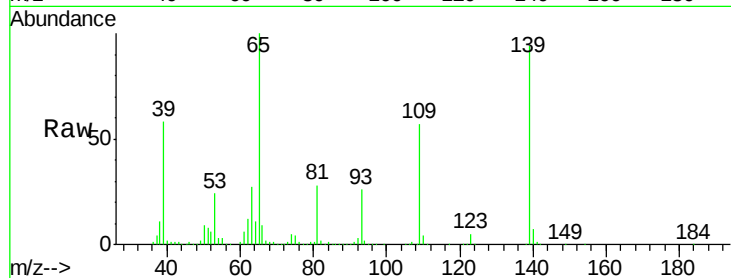
Tgt Ion:139 Resp: 660737

Ion Ratio Lower Upper

139 100

109 60.3 43.6 83.6

65 106.1 87.5 127.5



#56

2,4-Dinitrotoluene

Concen: 57.25 ng

RT: 10.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion:165 Resp: 550775

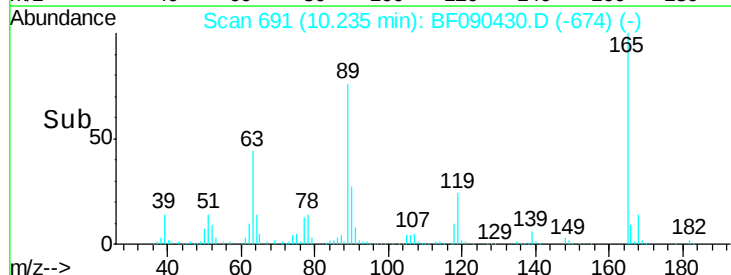
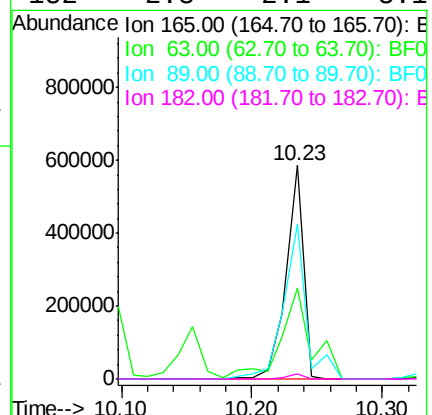
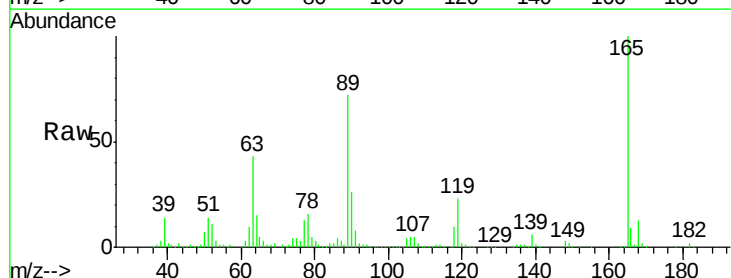
Ion Ratio Lower Upper

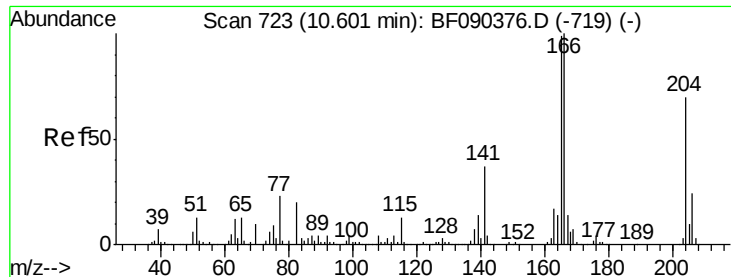
165 100

63 42.5 17.8 26.6#

89 72.4 33.2 49.8#

182 2.3 2.1 3.1





#57

Fluorene

Concen: 51.54 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

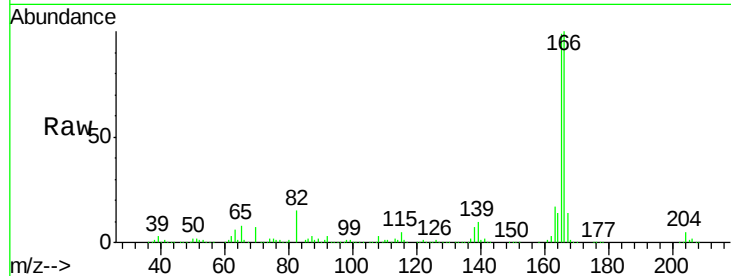
Tgt Ion:166 Resp: 1605329

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

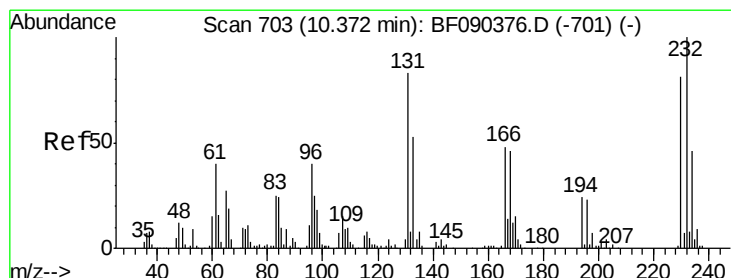
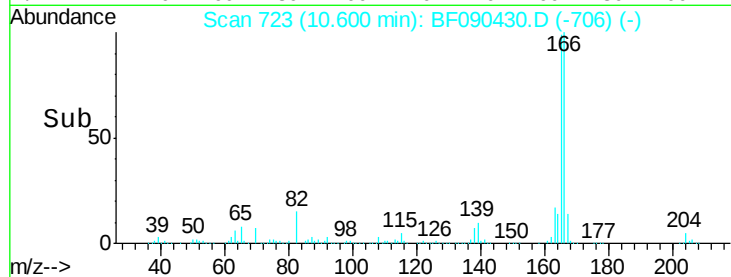
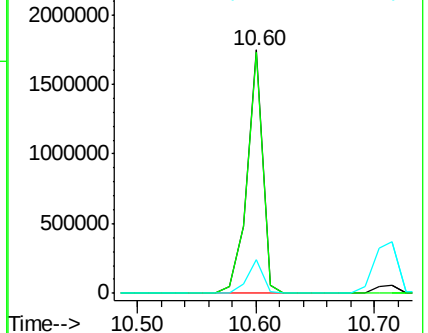
167 14.0 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.91 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion:232 Resp: 404361

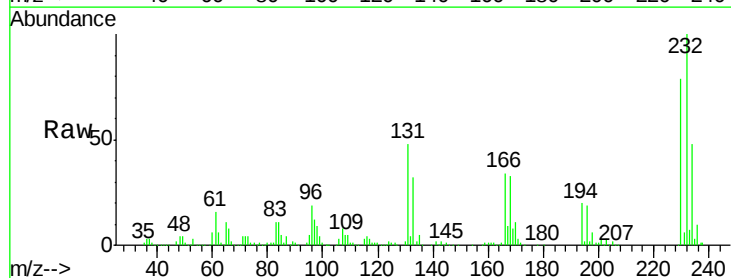
Ion Ratio Lower Upper

232 100

131 52.6 34.5 51.7#

130 2.3 1.6 2.4

166 35.5 23.8 35.8

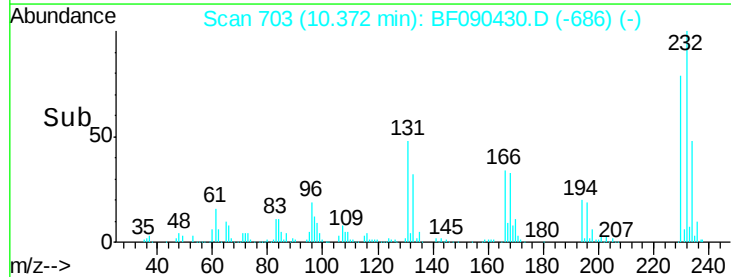
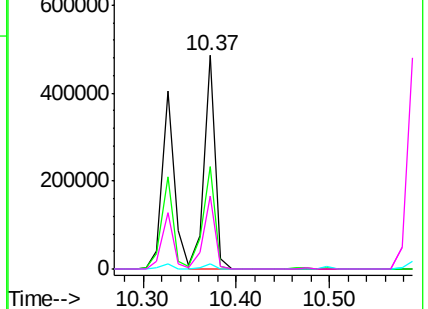


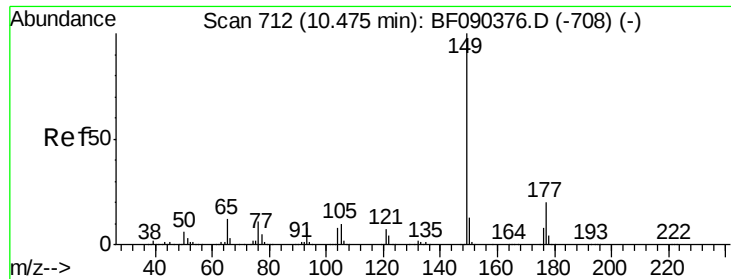
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

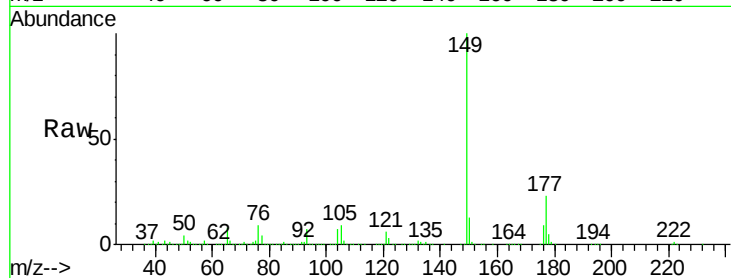




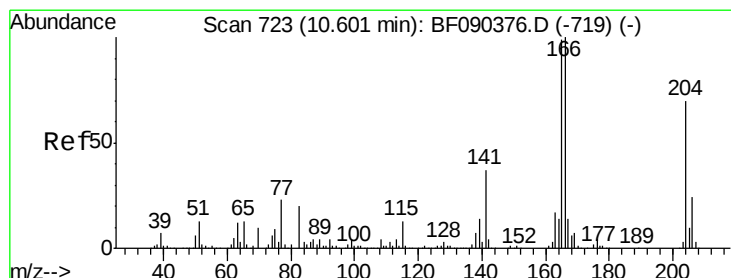
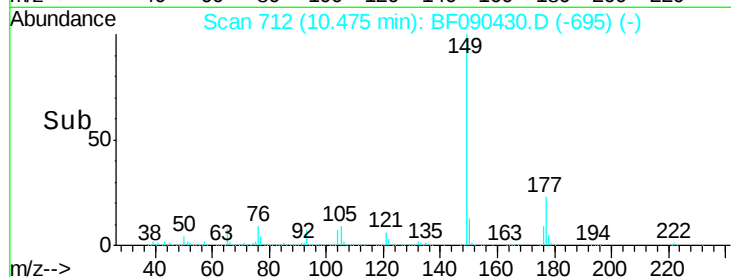
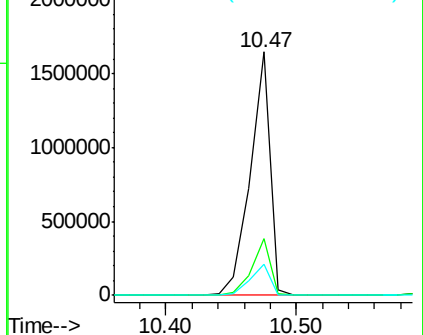
#59
Diethylphthalate
Concen: 51.58 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:149 Resp: 1737762
Ion Ratio Lower Upper
149 100
177 23.4 21.1 31.7
150 12.7 10.2 15.2

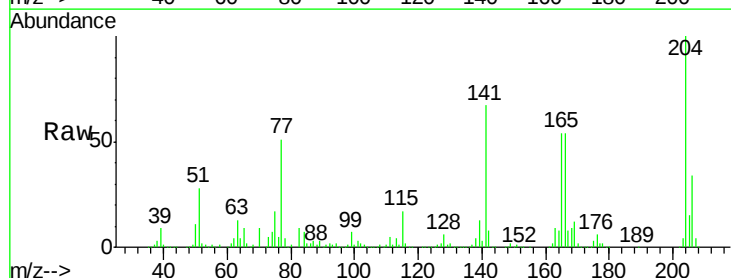


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

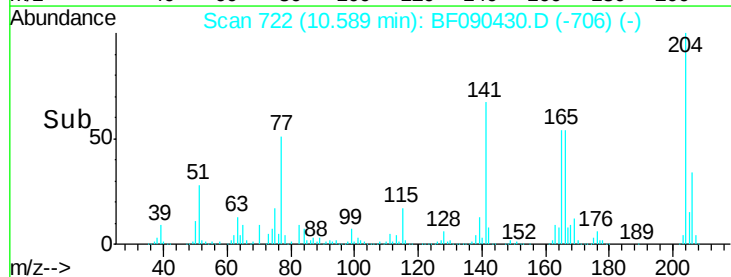
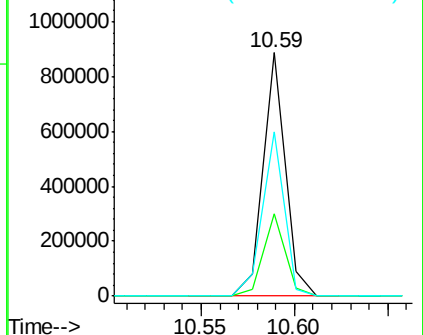


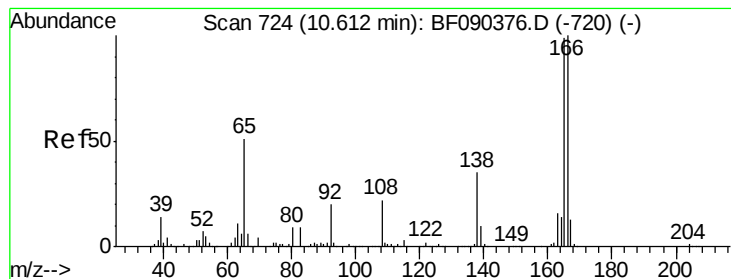
#60
4-Chlorophenyl-phenylether
Concen: 51.39 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion:204 Resp: 727868
Ion Ratio Lower Upper
204 100
206 33.8 26.7 40.1
141 67.3 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.86 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

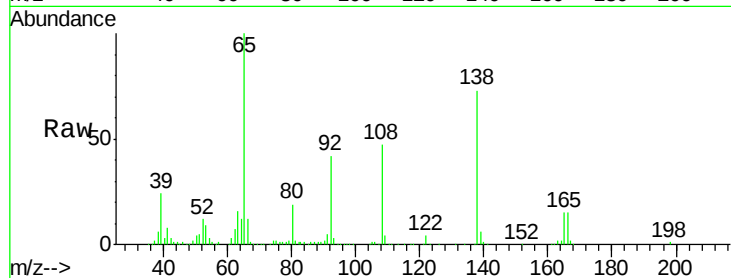
Tgt Ion:138 Resp: 364651

Ion Ratio Lower Upper

138 100

92 58.0 33.2 73.2

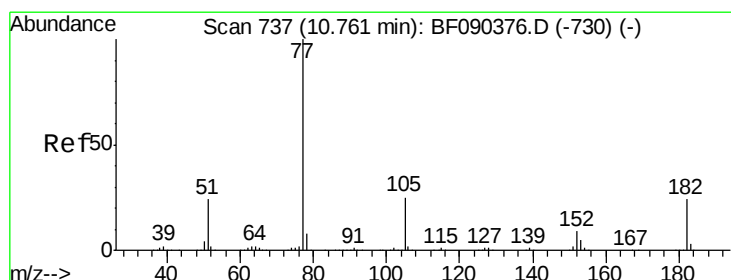
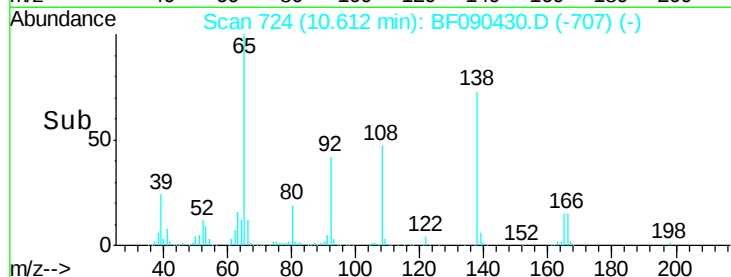
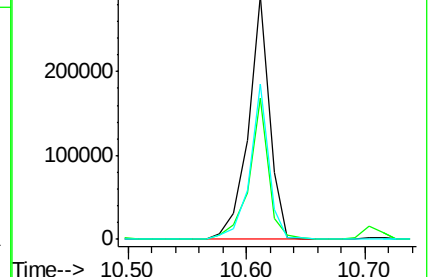
108 63.9 48.5 88.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.05 ng

RT: 10.75 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion: 77 Resp: 1947419

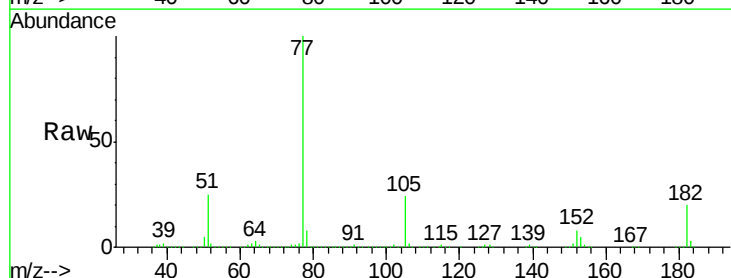
Ion Ratio Lower Upper

77 100

182 19.8 3.2 43.2

105 23.9 2.9 42.9

51 25.2 14.2 54.2

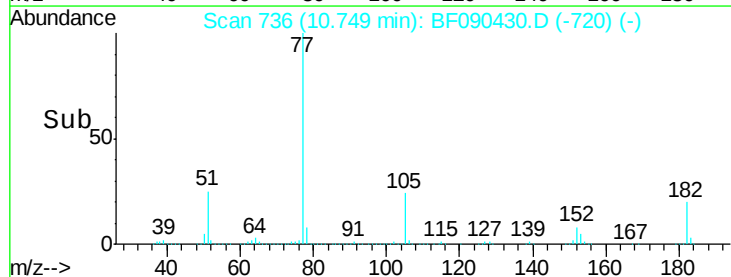
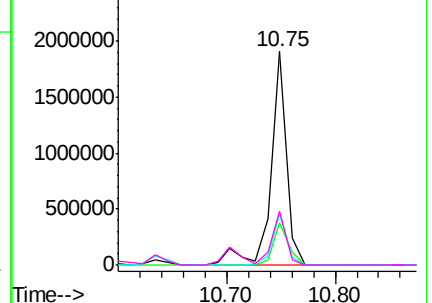


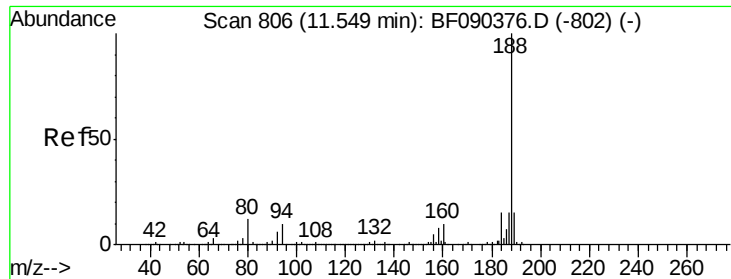
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

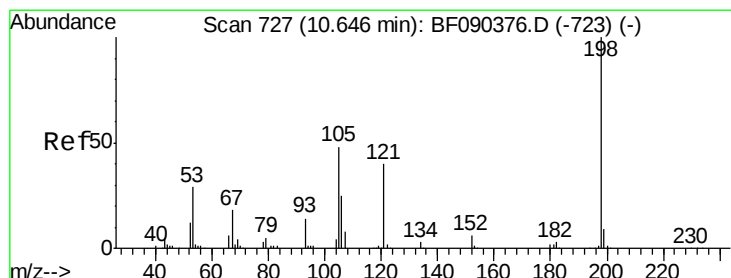
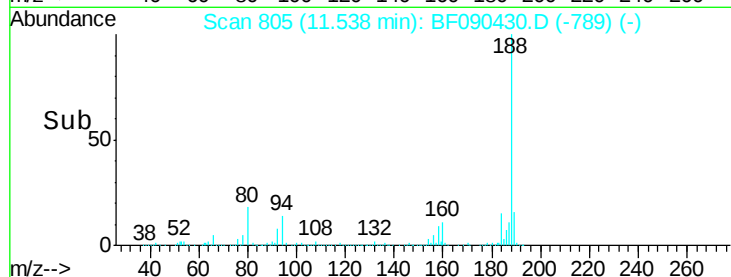
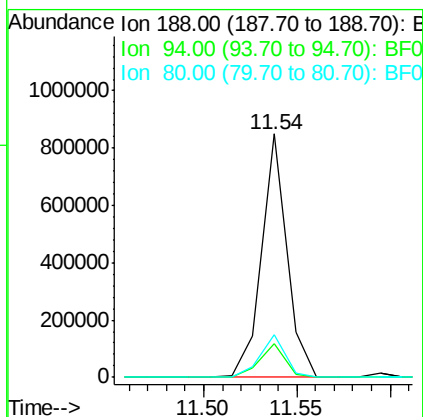
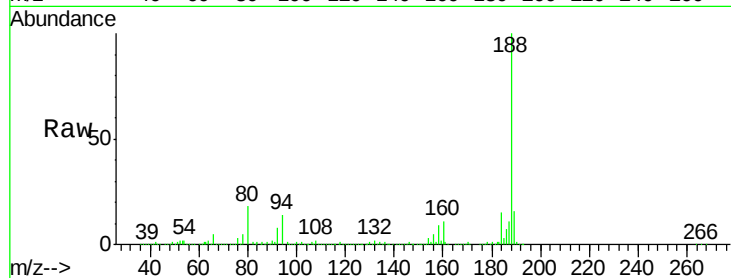




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

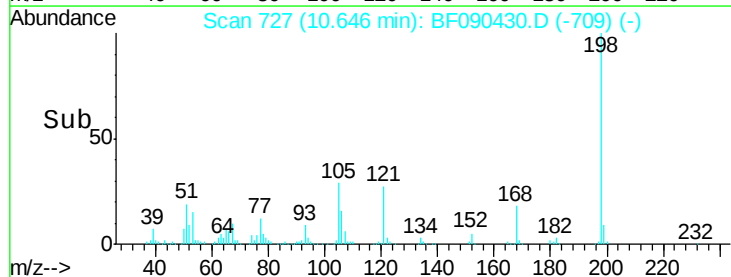
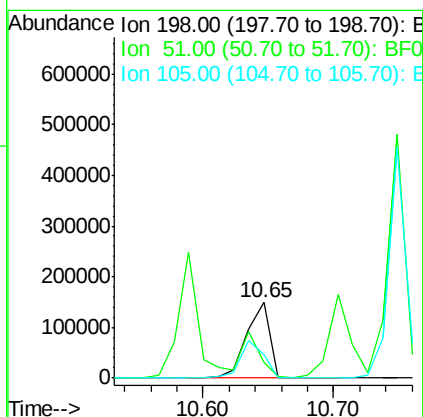
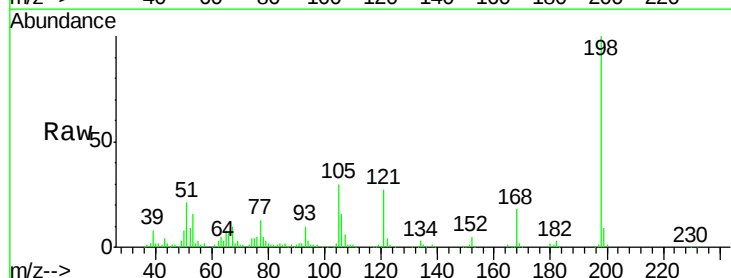
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

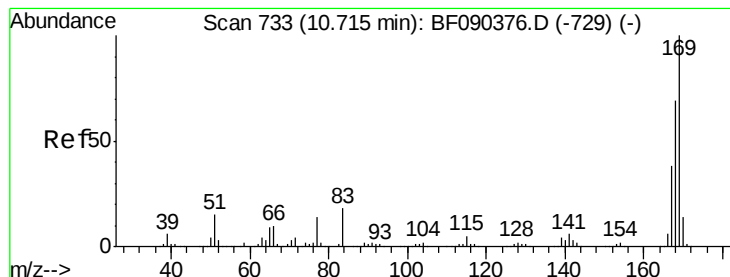
Tgt Ion:188 Resp: 796435
Ion Ratio Lower Upper
188 100
94 13.8 8.2 12.2#
80 17.8 8.8 13.2#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.59 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion:198 Resp: 182799
Ion Ratio Lower Upper
198 100
51 20.7 67.3 107.3#
105 30.3 42.6 82.6#

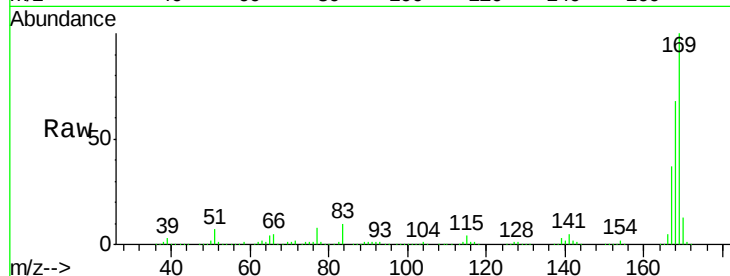




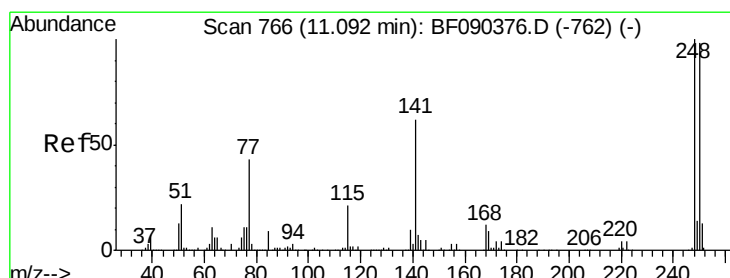
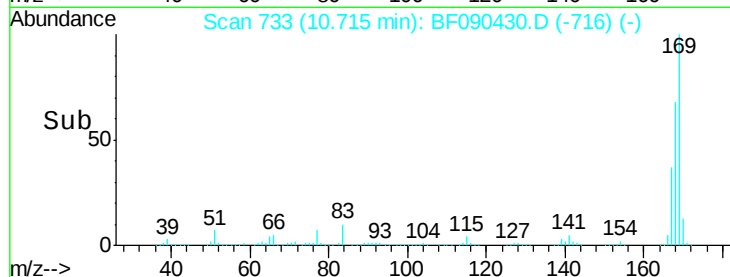
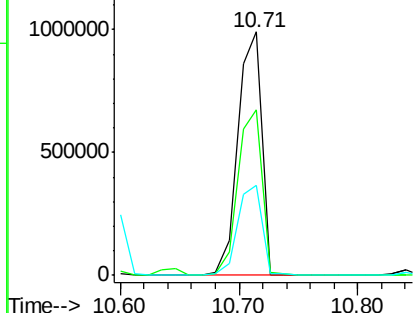
#65
 n-Nitrosodiphenylamine
 Concen: 51.74 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:169 Resp: 1380826
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.8 80.6
 167 37.1 29.8 44.8

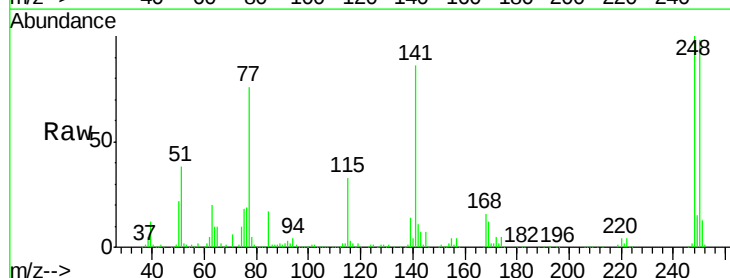


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

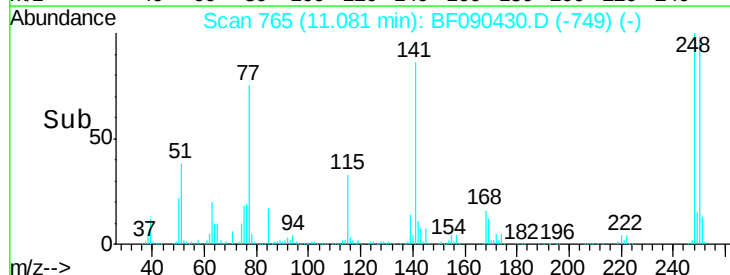
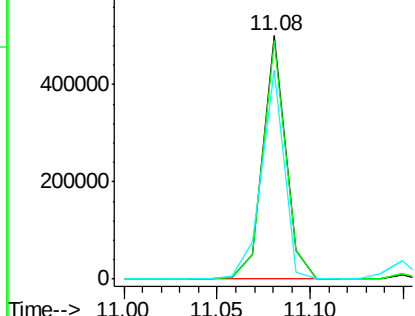


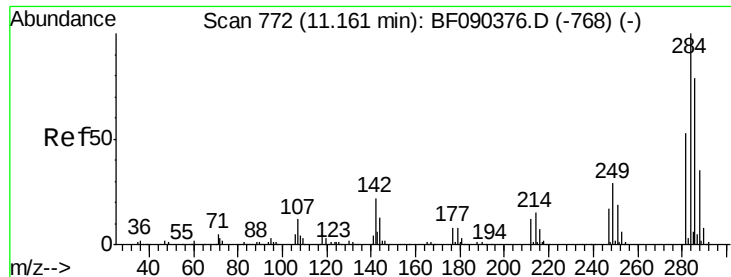
#66
 4-Bromophenyl-phenylether
 Concen: 53.88 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:248 Resp: 420631
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.5 114.7
 141 86.1 59.8 89.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

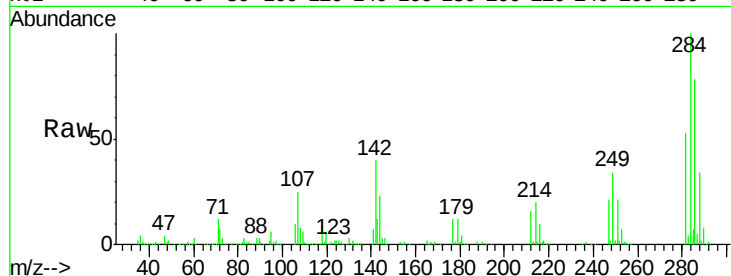




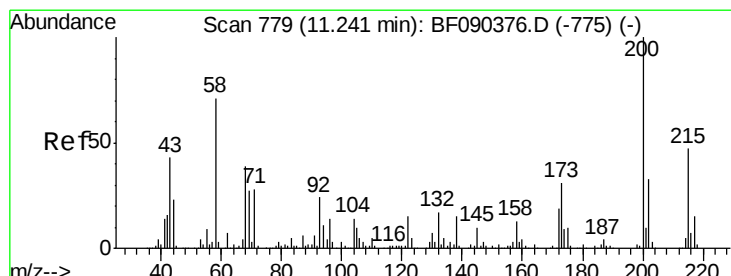
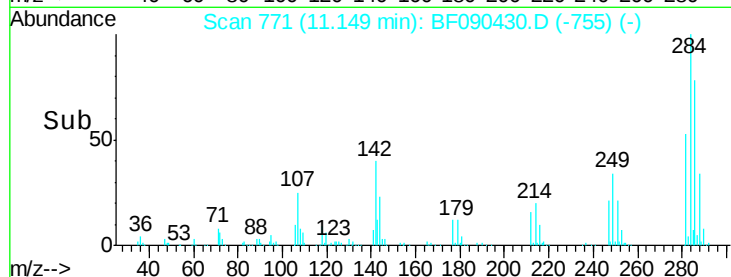
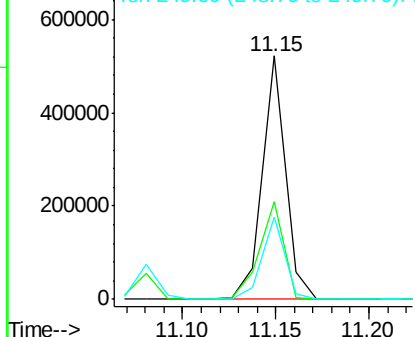
#67
Hexachlorobenzene
Concen: 51.54 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion: 284 Resp: 448139
Ion Ratio Lower Upper
284 100
142 40.1 23.1 34.7#
249 33.7 26.3 39.5

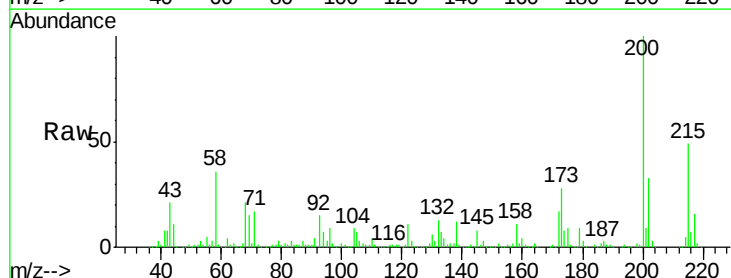


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

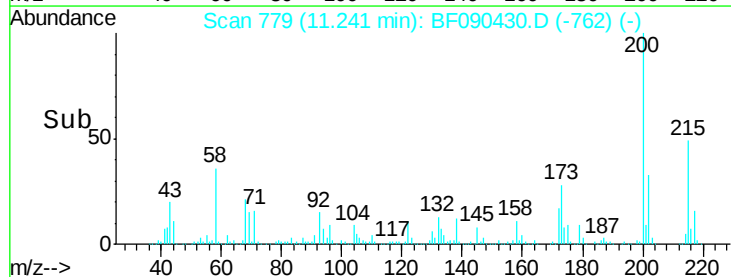
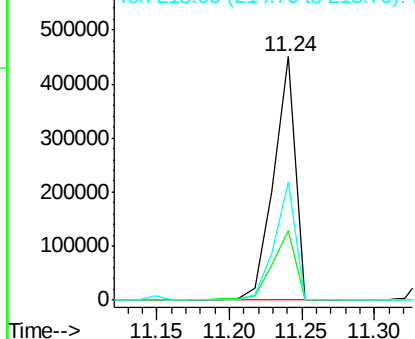


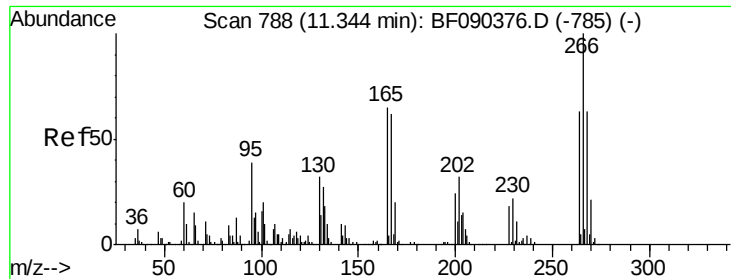
#68
Atrazine
Concen: 70.51 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090430.D
Acq: 6 Oct 2016 20:47

Tgt Ion: 200 Resp: 464010
Ion Ratio Lower Upper
200 100
173 28.5 9.0 49.0
215 48.6 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

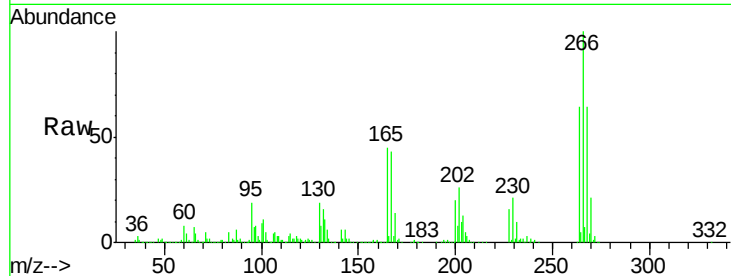




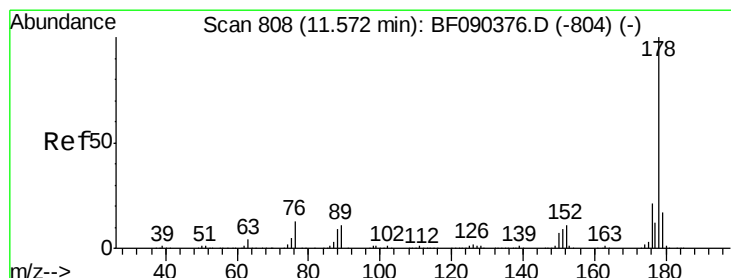
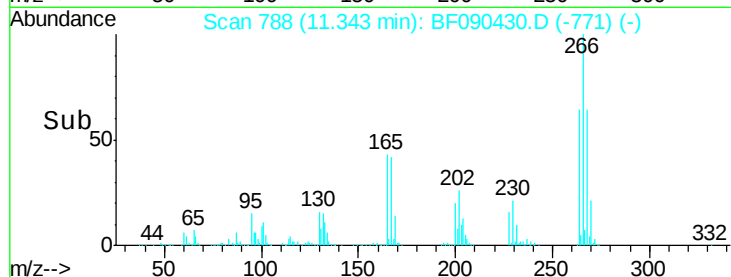
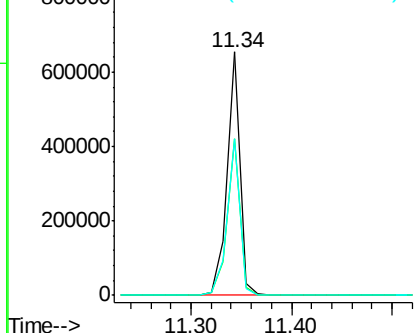
#69
 Pentachlorophenol
 Concen: 112.90 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:266 Resp: 584263
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.9 76.3
 264 64.5 51.5 77.3

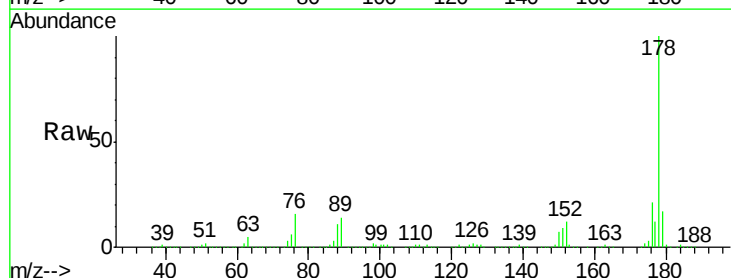


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

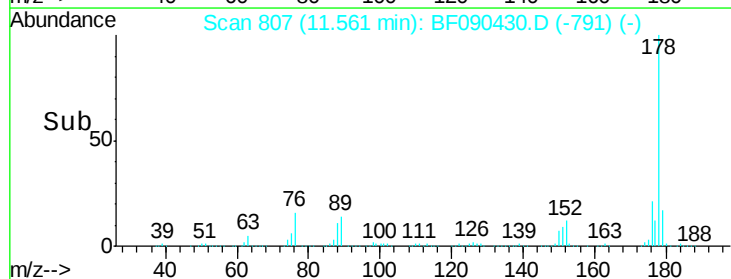
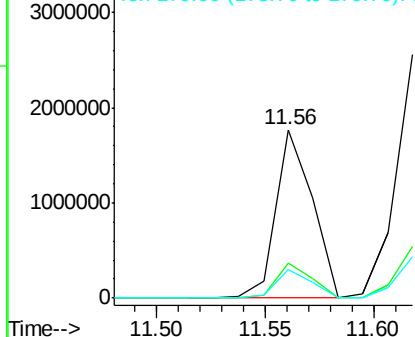


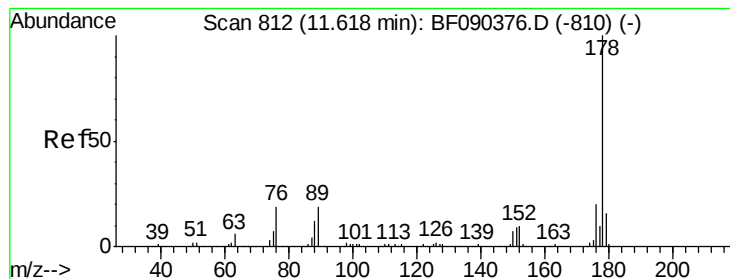
#70
 Phenanthrene
 Concen: 50.68 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:178 Resp: 2066784
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.3 25.9
 179 16.6 13.8 20.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 55.34 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

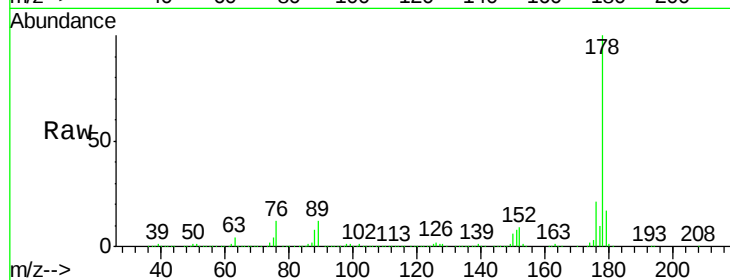
Tgt Ion:178 Resp: 2304770

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

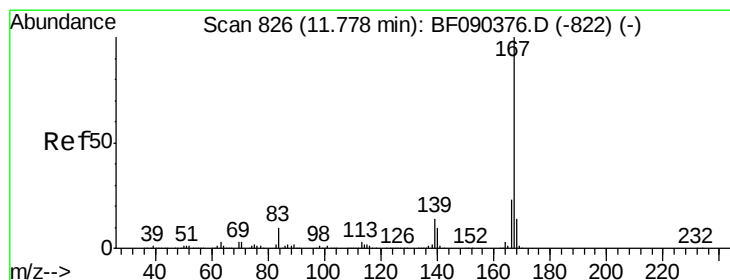
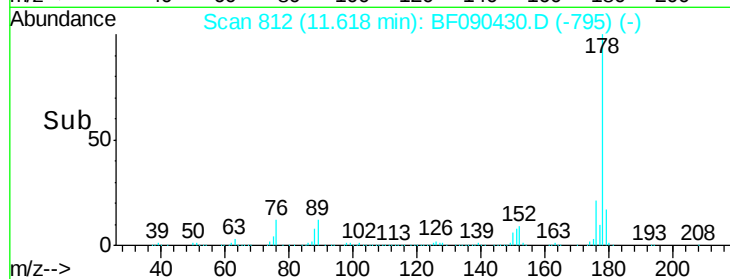
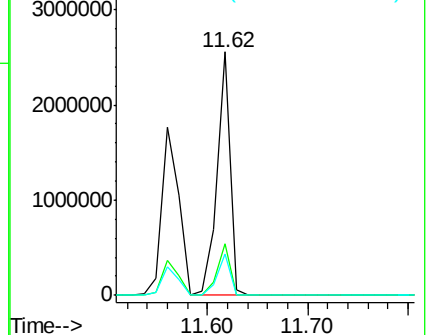
179 17.0 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.41 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

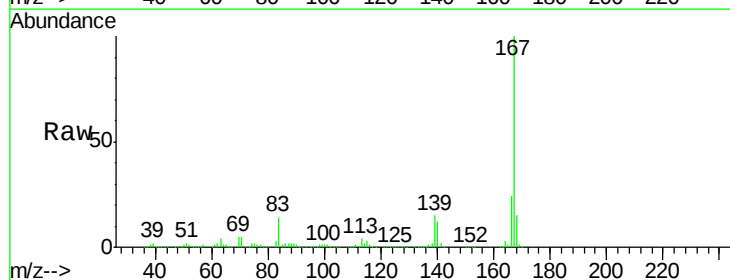
Tgt Ion:167 Resp: 1873292

Ion Ratio Lower Upper

167 100

166 23.5 19.1 28.7

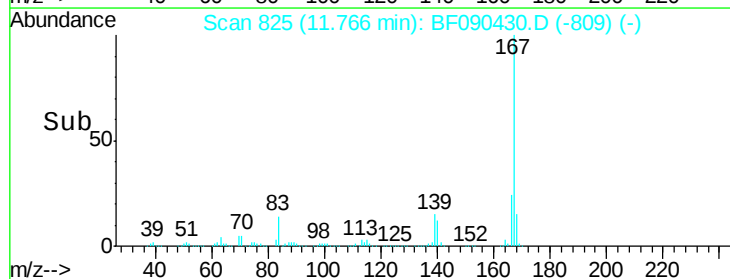
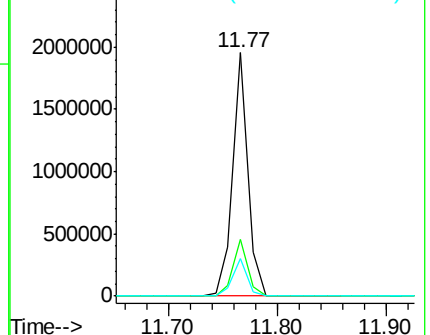
139 15.4 12.1 18.1

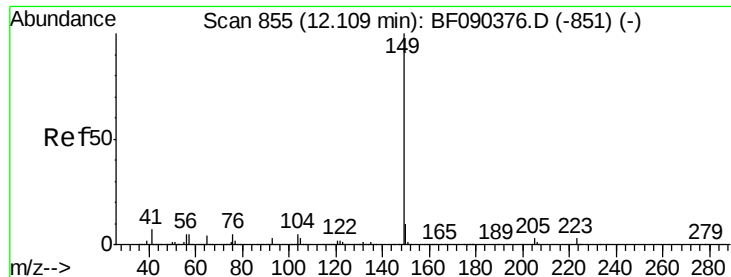


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.60 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

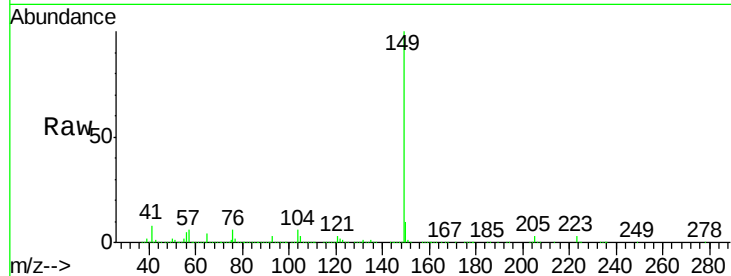
Tgt Ion:149 Resp: 2335632

Ion Ratio Lower Upper

149 100

150 10.3 8.6 12.8

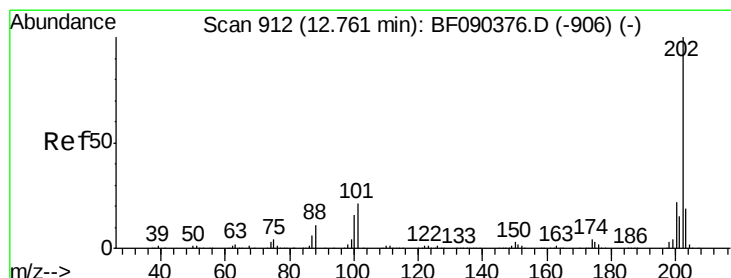
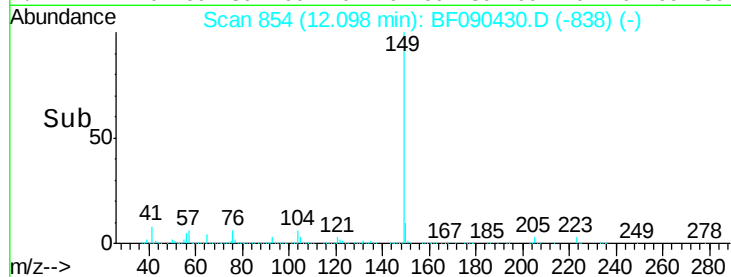
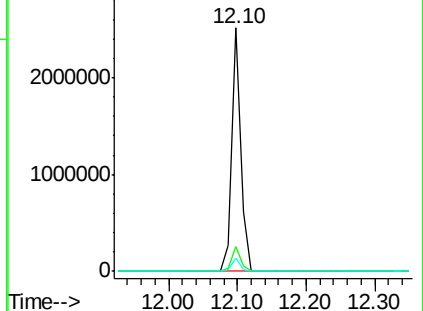
104 5.5 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.27 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

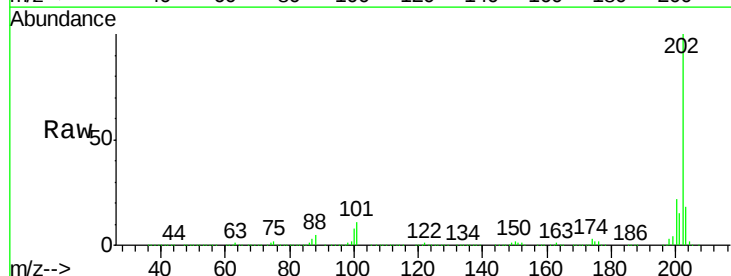
Tgt Ion:202 Resp: 2210865

Ion Ratio Lower Upper

202 100

101 10.6 0.0 37.2

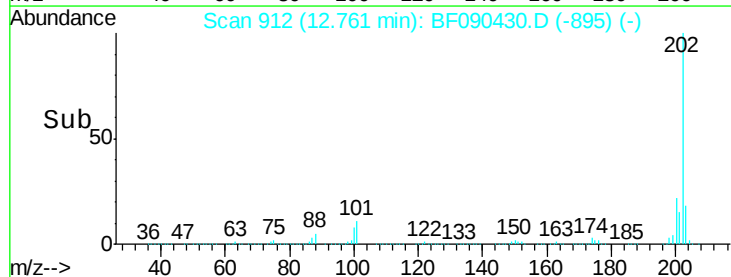
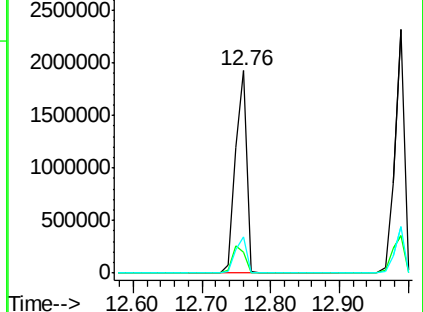
203 18.2 0.0 39.3

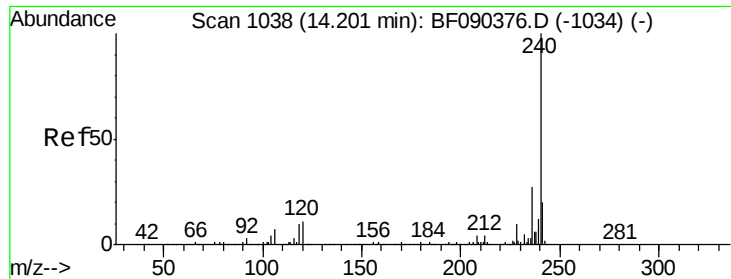


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

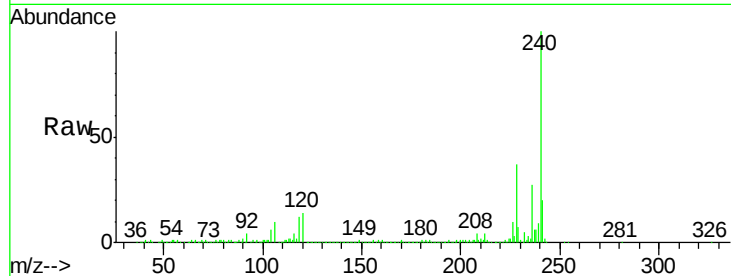
Tgt Ion:240 Resp: 601361

Ion Ratio Lower Upper

240 100

120 13.8 8.6 13.0#

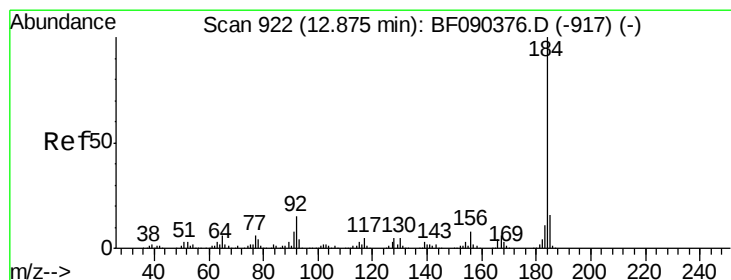
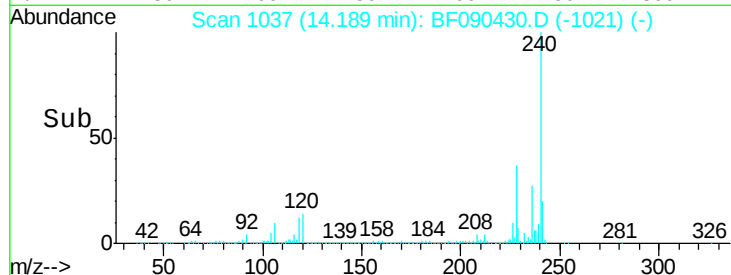
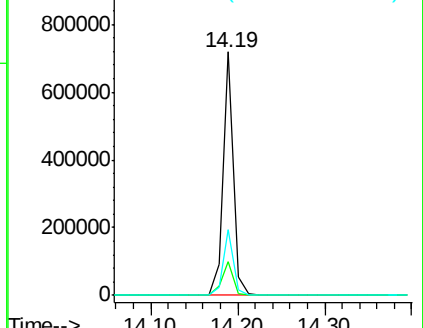
236 27.1 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.10 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

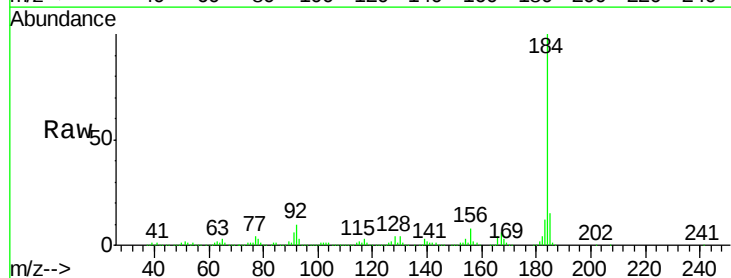
Tgt Ion:184 Resp: 1061018

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

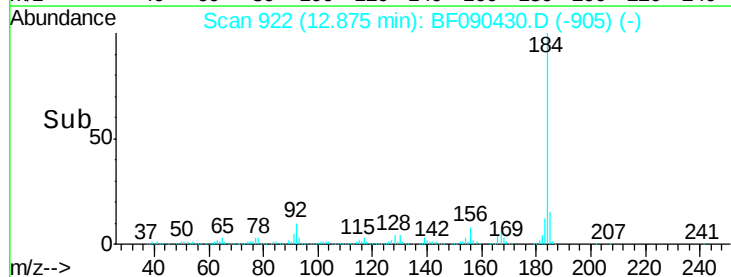
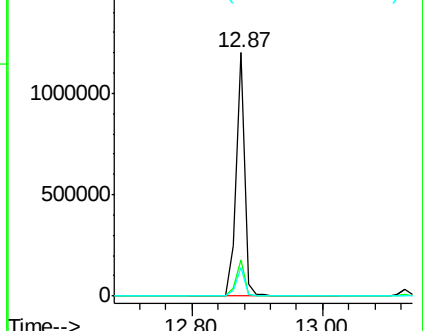
183 12.0 9.6 14.4

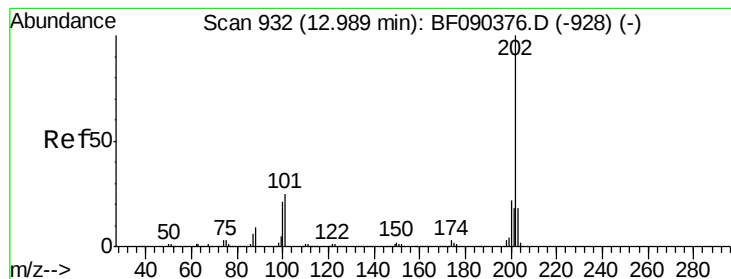


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 55.88 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

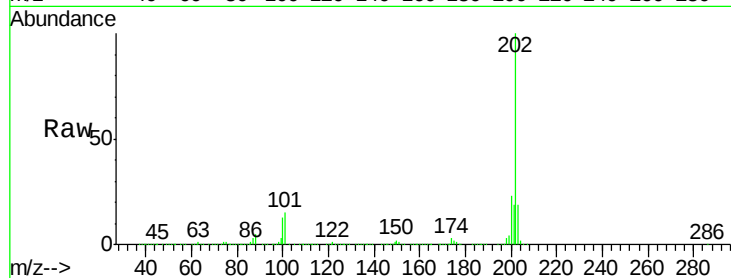
Tgt Ion:202 Resp: 2240814

Ion Ratio Lower Upper

202 100

200 23.2 18.5 27.7

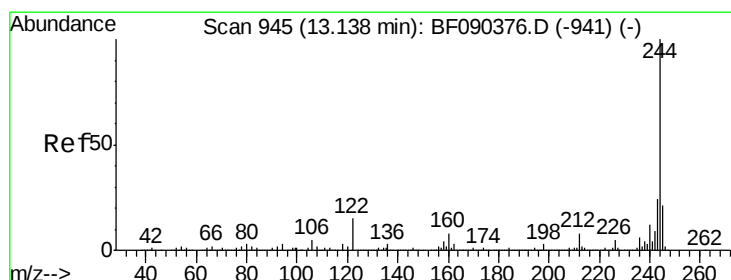
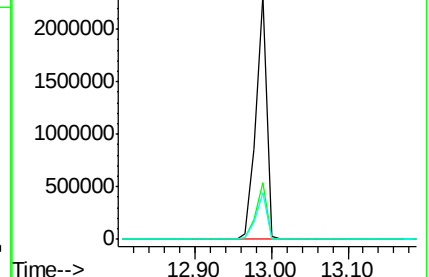
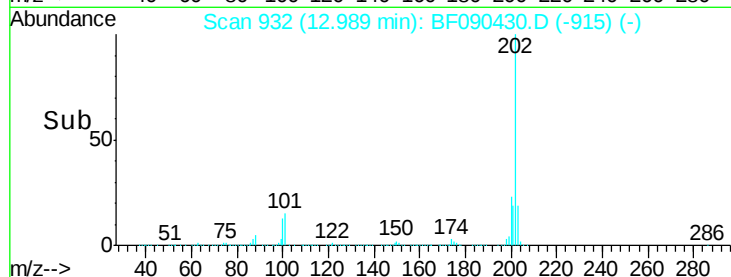
203 18.9 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.54 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

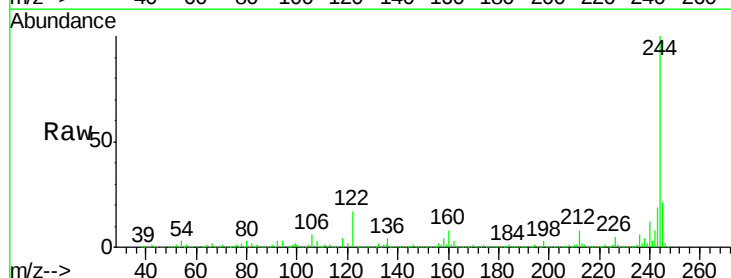
Tgt Ion:244 Resp: 2662610

Ion Ratio Lower Upper

244 100

212 8.0 6.8 10.2

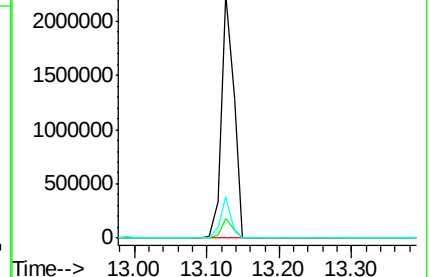
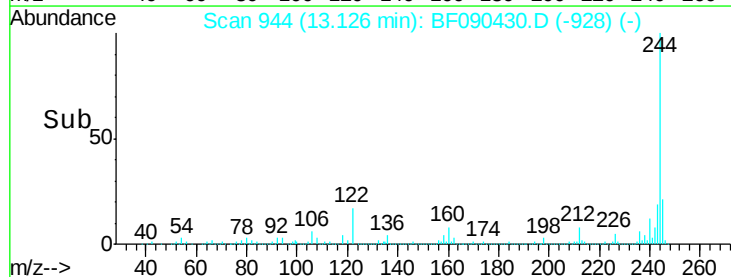
122 17.1 13.3 19.9

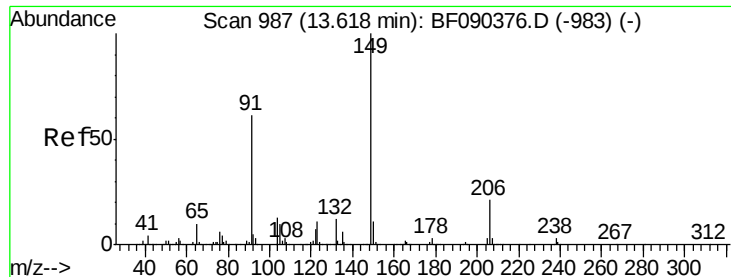


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.29 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

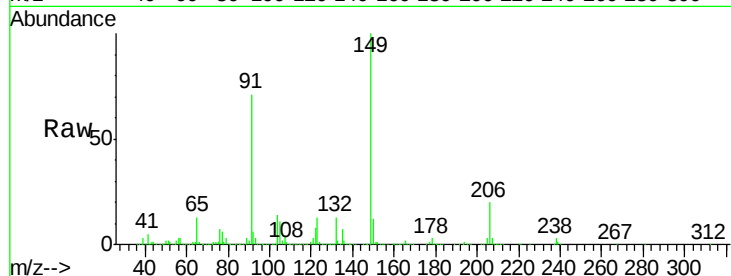
Tgt Ion:149 Resp: 1137657

Ion Ratio Lower Upper

149 100

91 71.2 51.8 77.8

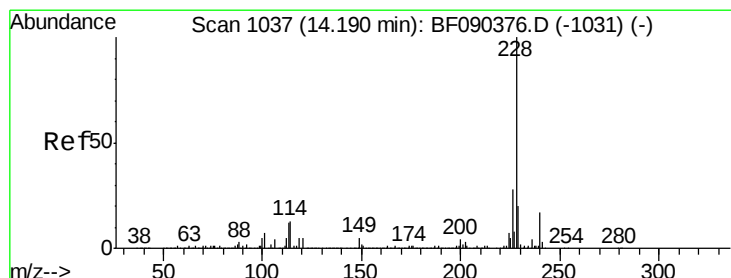
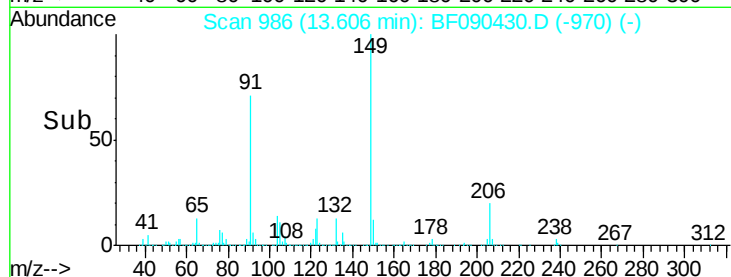
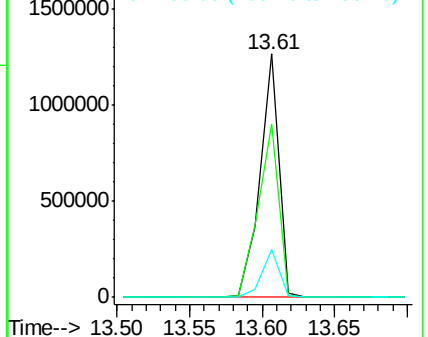
206 19.7 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.24 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

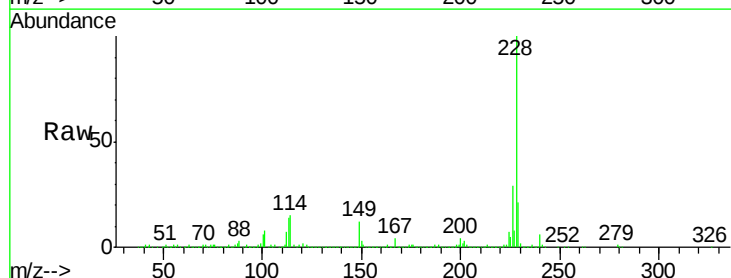
Tgt Ion:228 Resp: 1661498

Ion Ratio Lower Upper

228 100

226 28.6 23.6 35.4

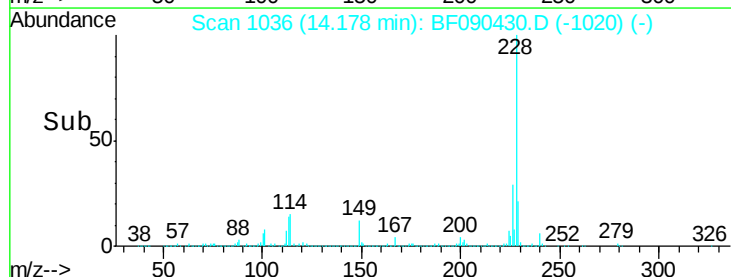
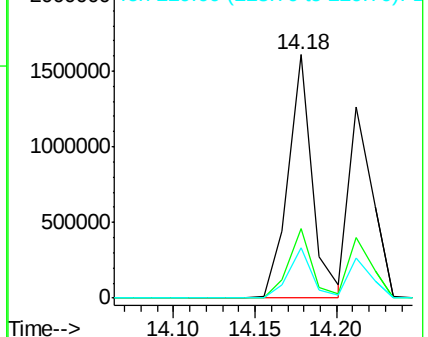
229 20.8 16.6 25.0

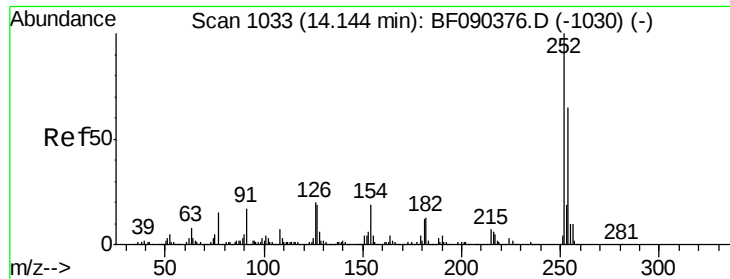


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

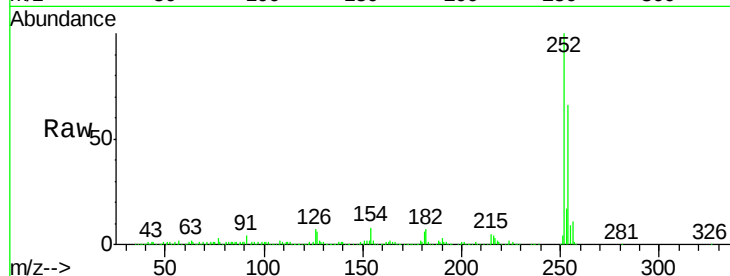




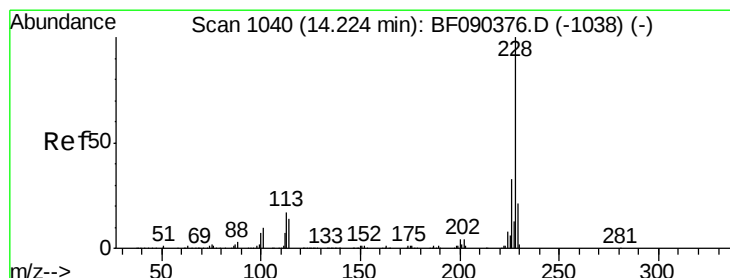
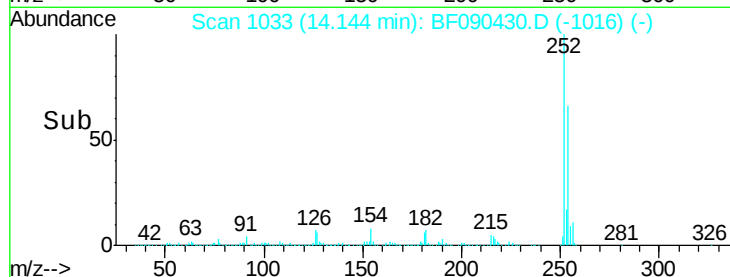
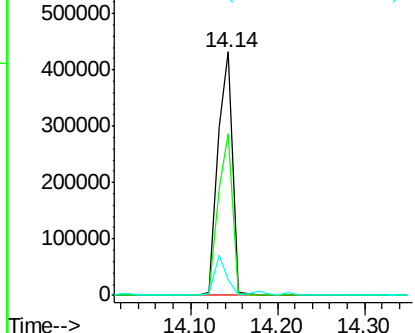
#81
 3,3'-Dichlorobenzidine
 Concen: 42.03 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:252 Resp: 514147
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.1 78.1
 126 6.7 4.2 6.4#

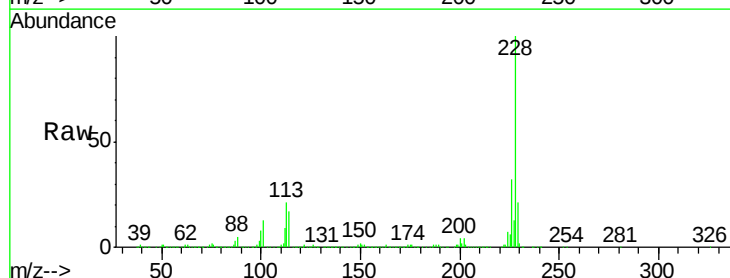


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

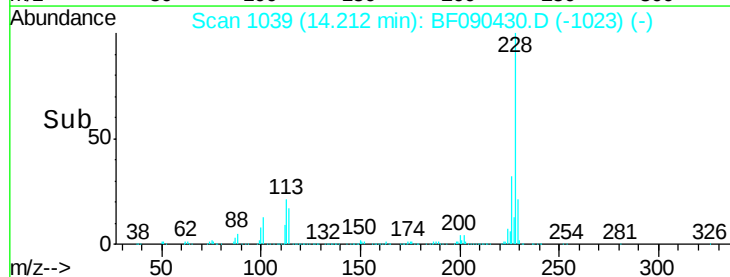
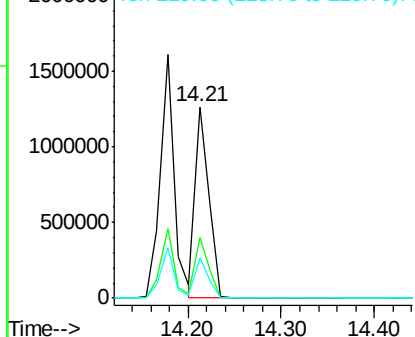


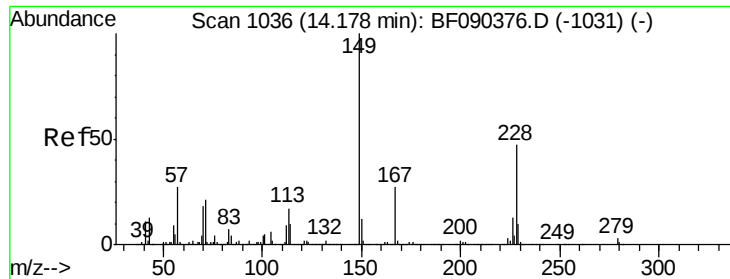
#82
 Chrysene
 Concen: 41.85 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:228 Resp: 1299647
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.8 38.6
 229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

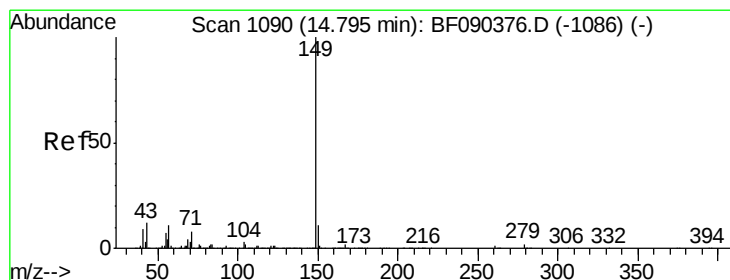
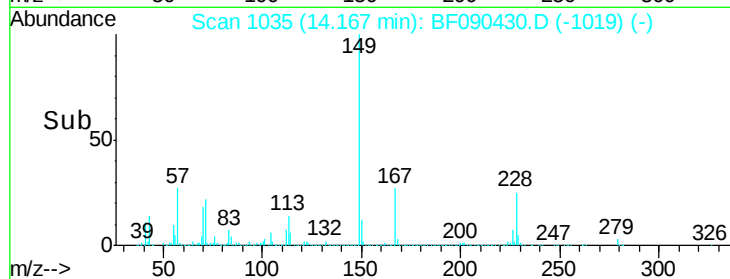
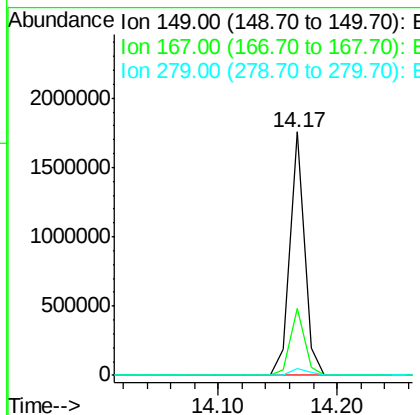
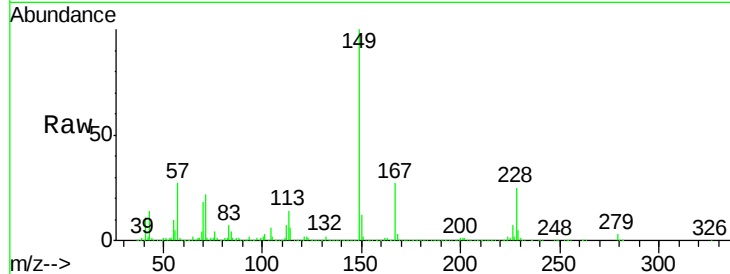




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.49 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

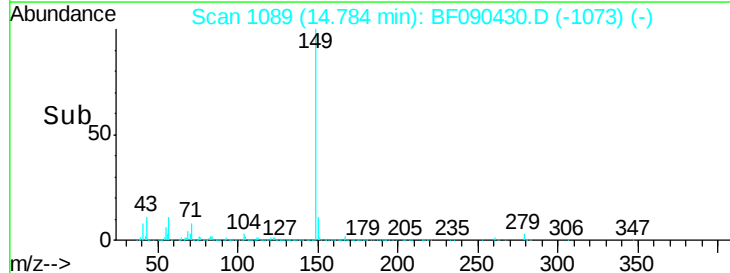
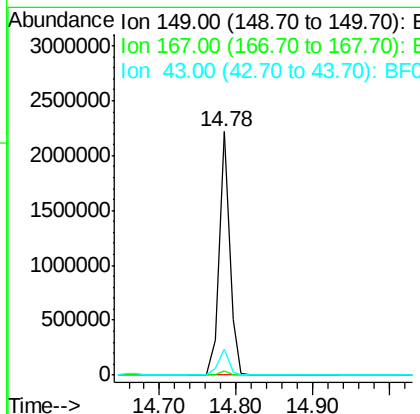
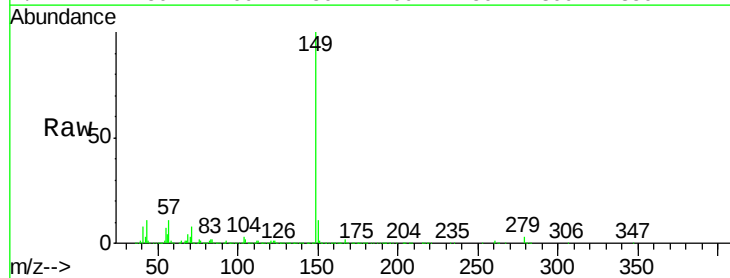
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

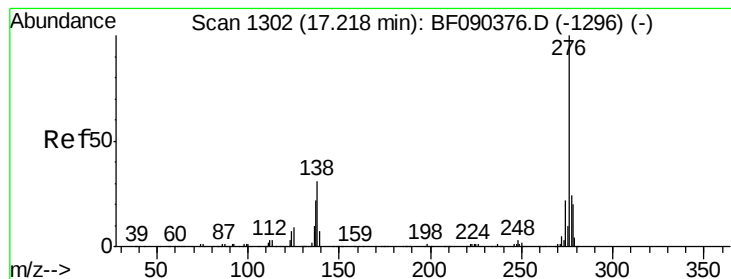
Tgt Ion:149 Resp: 1476685
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.5 32.3
 279 2.6 2.6 3.8



#84
 Di-n-octyl phthalate
 Concen: 48.46 ng
 RT: 14.78 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BF090430.D
 Acq: 6 Oct 2016 20:47

Tgt Ion:149 Resp: 2100949
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.8 11.8 17.8#





#85

Indeno(1,2,3-cd)pyrene

Concen: 65.10 ng

RT: 17.21 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

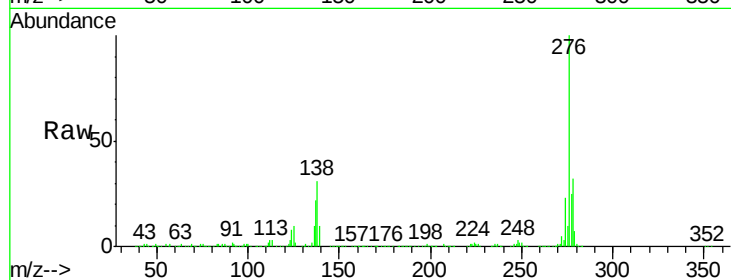
Tgt Ion:276 Resp: 1441218

Ion Ratio Lower Upper

276 100

138 35.3 23.8 35.8

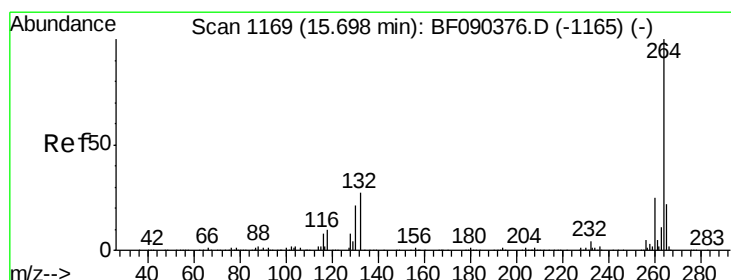
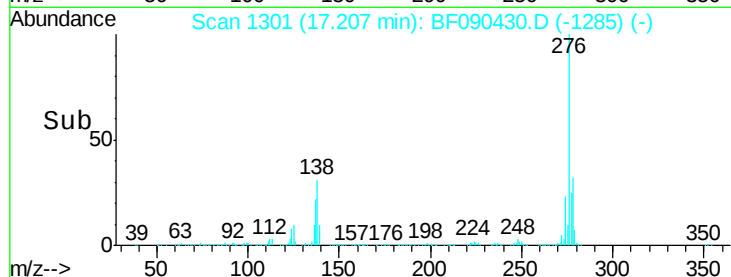
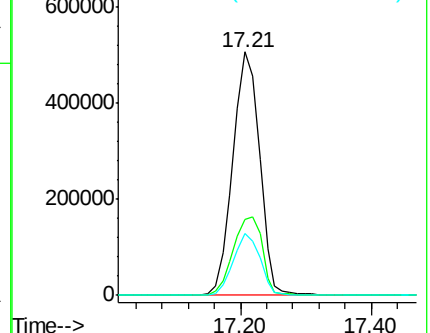
277 25.4 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.69 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

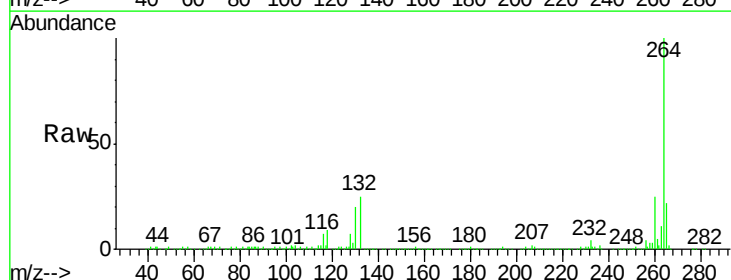
Tgt Ion:264 Resp: 433850

Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

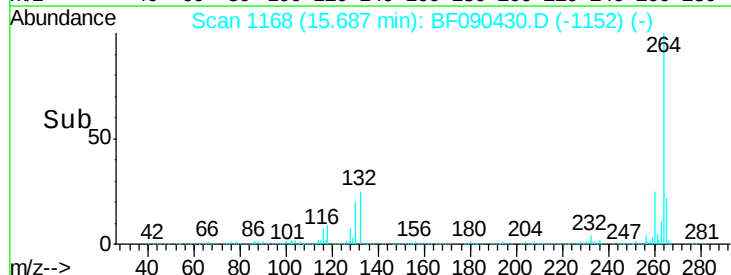
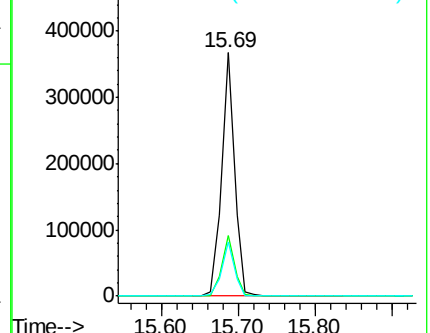
265 22.2 17.4 26.0

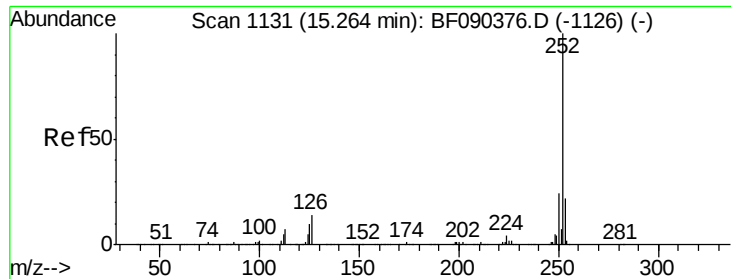


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.67 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090430.D

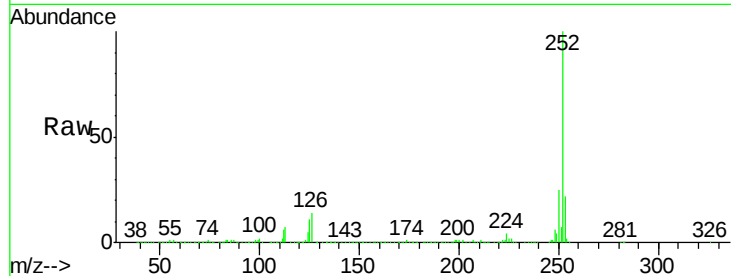
Acq: 6 Oct 2016 20:47

Instrument :
BNA_F

ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:252 Resp: 1427917

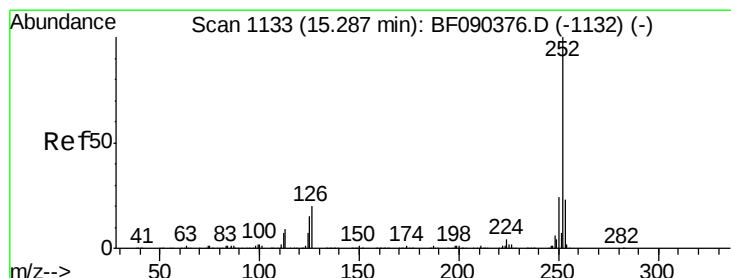
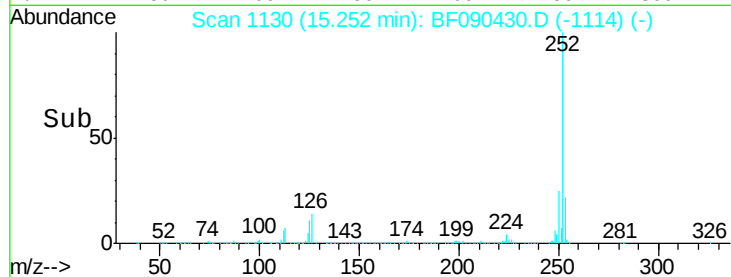
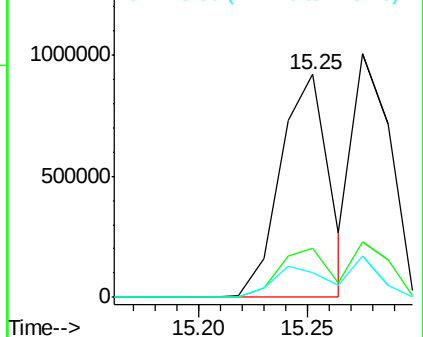
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.9	7.0	10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.01 ng

RT: 15.25 min Scan# 1130

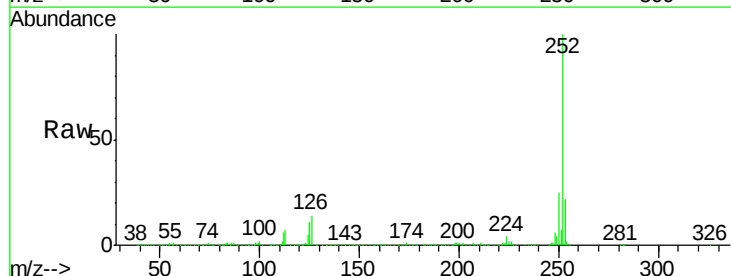
Delta R.T. -0.03 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Tgt Ion:252 Resp: 1427917

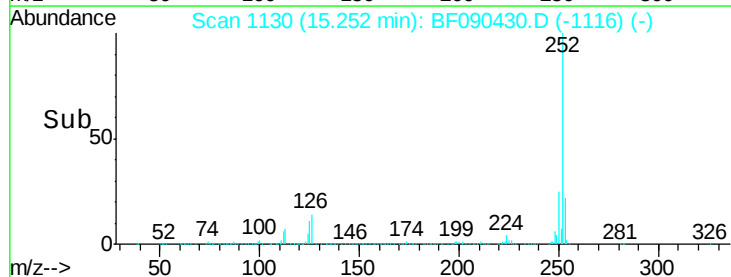
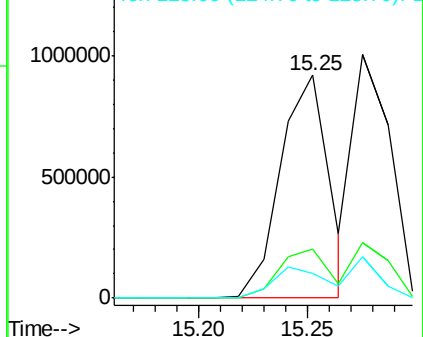
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	10.9	11.7	17.5#

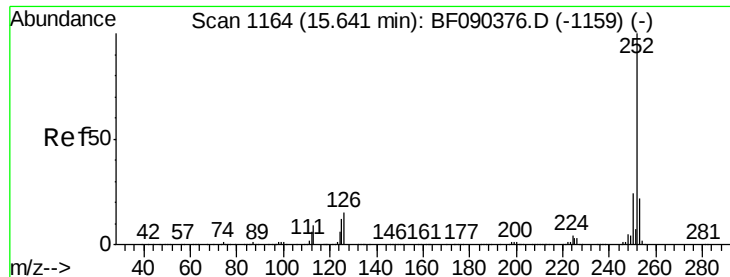


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.26 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

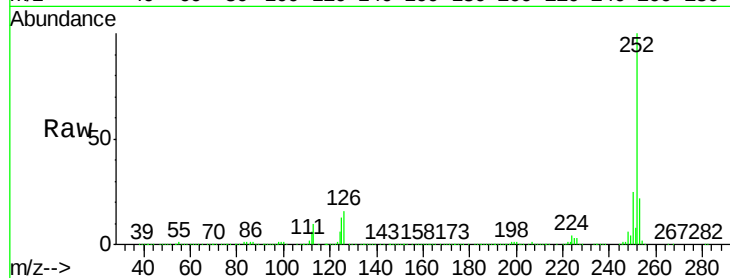
Tgt Ion:252 Resp: 1268673

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

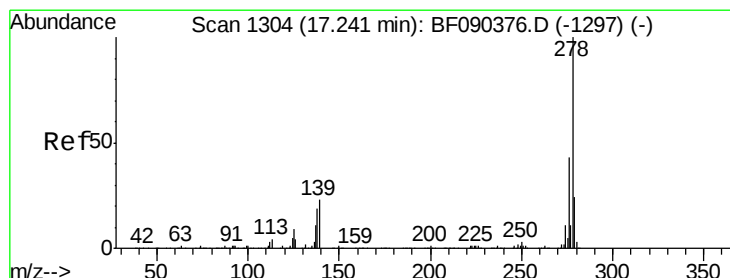
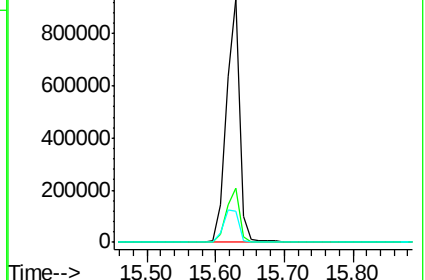
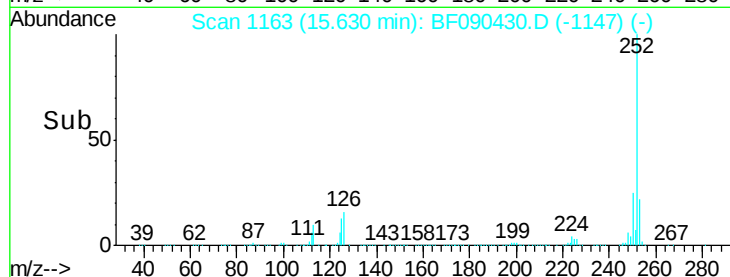
125 13.0 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 60.79 ng

RT: 17.23 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF090430.D

Acq: 6 Oct 2016 20:47

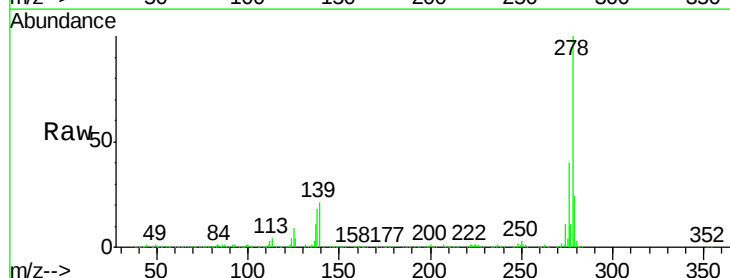
Tgt Ion:278 Resp: 1231905

Ion Ratio Lower Upper

278 100

139 21.0 12.8 19.2#

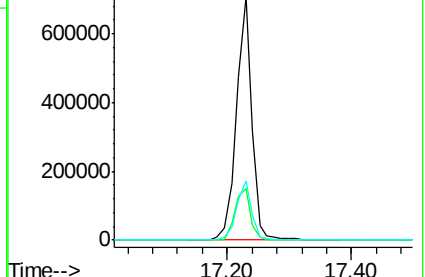
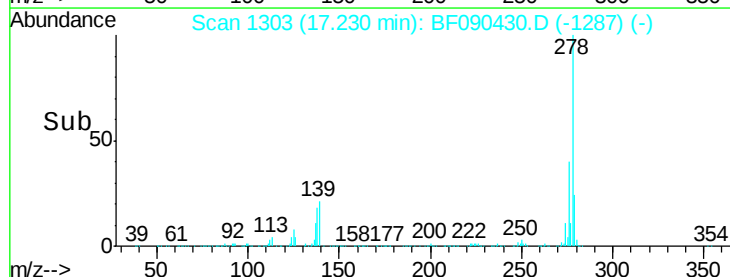
279 24.3 19.6 29.4

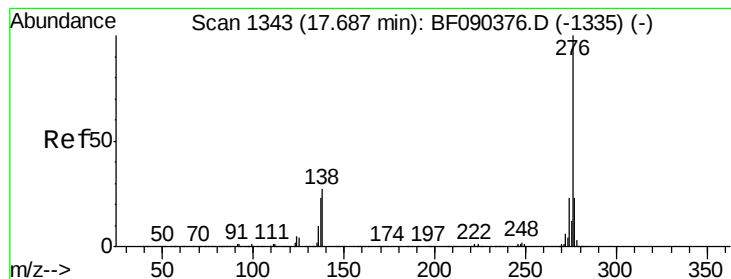


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.98 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF090430.D

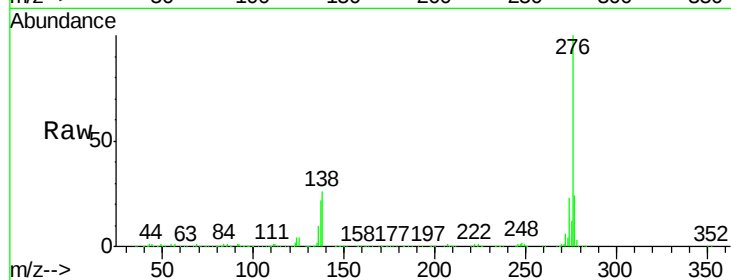
Acq: 6 Oct 2016 20:47

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS



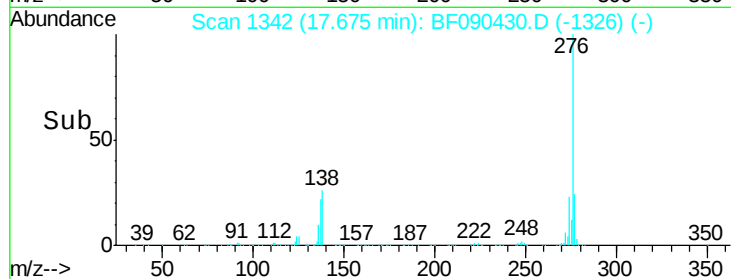
Tgt Ion: 276 Resp: 1147058

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 25.7 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

