

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100616\
 Data File : BF090431.D
 Acq On : 6 Oct 2016 21:15
 Operator : UM/SJ
 Sample : H5110-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 07 00:10:12 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	231626	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	956262	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	512947	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	791241	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	562792	20.00	ng	-0.01
86) Perylene-d12	15.69	264	402851	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2267309	146.09	ng	0.01
7) Phenol-d6	6.62	99	2882590	141.81	ng	0.00
23) Nitrobenzene-d5	7.56	82	1784234	90.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	617543	148.06	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2533141	82.28	ng	-0.01
78) Terphenyl-d14	13.13	244	2382409	95.17	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	308040	40.26	ng	# 90
3) Pyridine	3.53	79	943946	44.25	ng	# 83
4) n-Nitrosodimethylamine	3.48	42	394165	44.78	ng	# 49
6) Aniline	6.66	93	1017763	36.25	ng	99
8) 2-Chlorophenol	6.78	128	807750	47.30	ng	97
9) Benzaldehyde	6.54	77	345146	33.59	ng	97
10) Phenol	6.65	94	1148636	48.60	ng	95
11) bis(2-Chloroethyl)ether	6.74	93	890661	49.22	ng	94
12) 1,3-Dichlorobenzene	6.94	146	829153	48.70	ng	99
13) 1,4-Dichlorobenzene	7.01	146	774115	44.77	ng	98
14) 1,2-Dichlorobenzene	7.17	146	861337	51.70	ng	98
15) Benzyl Alcohol	7.14	79	787161	50.94	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1225220	39.92	ng	92
17) 2-Methylphenol	7.25	107	729544	51.94	ng	98
18) Hexachloroethane	7.51	117	322174	47.26	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	635988	42.67	ng	# 83
20) 3+4-Methylphenols	7.40	107	824620	45.36	ng	90
22) Acetophenone	7.41	105	1159340	51.19	ng	# 88
24) Nitrobenzene	7.58	77	1053223	53.97	ng	96
25) Isophorone	7.82	82	1728875	48.10	ng	100
26) 2-Nitrophenol	7.90	139	452110	53.82	ng	96
27) 2,4-Dimethylphenol	7.94	122	821706	50.30	ng	100
28) bis(2-Chloroethoxy)methane	8.03	93	1013749	47.69	ng	# 96
29) 2,4-Dichlorophenol	8.14	162	682811	54.98	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	641305	50.10	ng	99
31) Naphthalene	8.31	128	2248153	48.73	ng	98
32) Benzoic acid	7.99	122	55685	4.90	ng	96
33) 4-Chloroaniline	8.35	127	534770	28.04	ng	98
34) Hexachlorobutadiene	8.43	225	372571	52.10	ng	99
35) Caprolactam	8.77	113	77274	18.50	ng	90
36) 4-Chloro-3-methylphenol	8.84	107	800058	51.45	ng	94
37) 2-Methylnaphthalene	9.00	142	1397584	50.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701871	51.90	ng	99
40) Hexachlorocyclopentadiene	9.16	237	646073	87.16	ng	99

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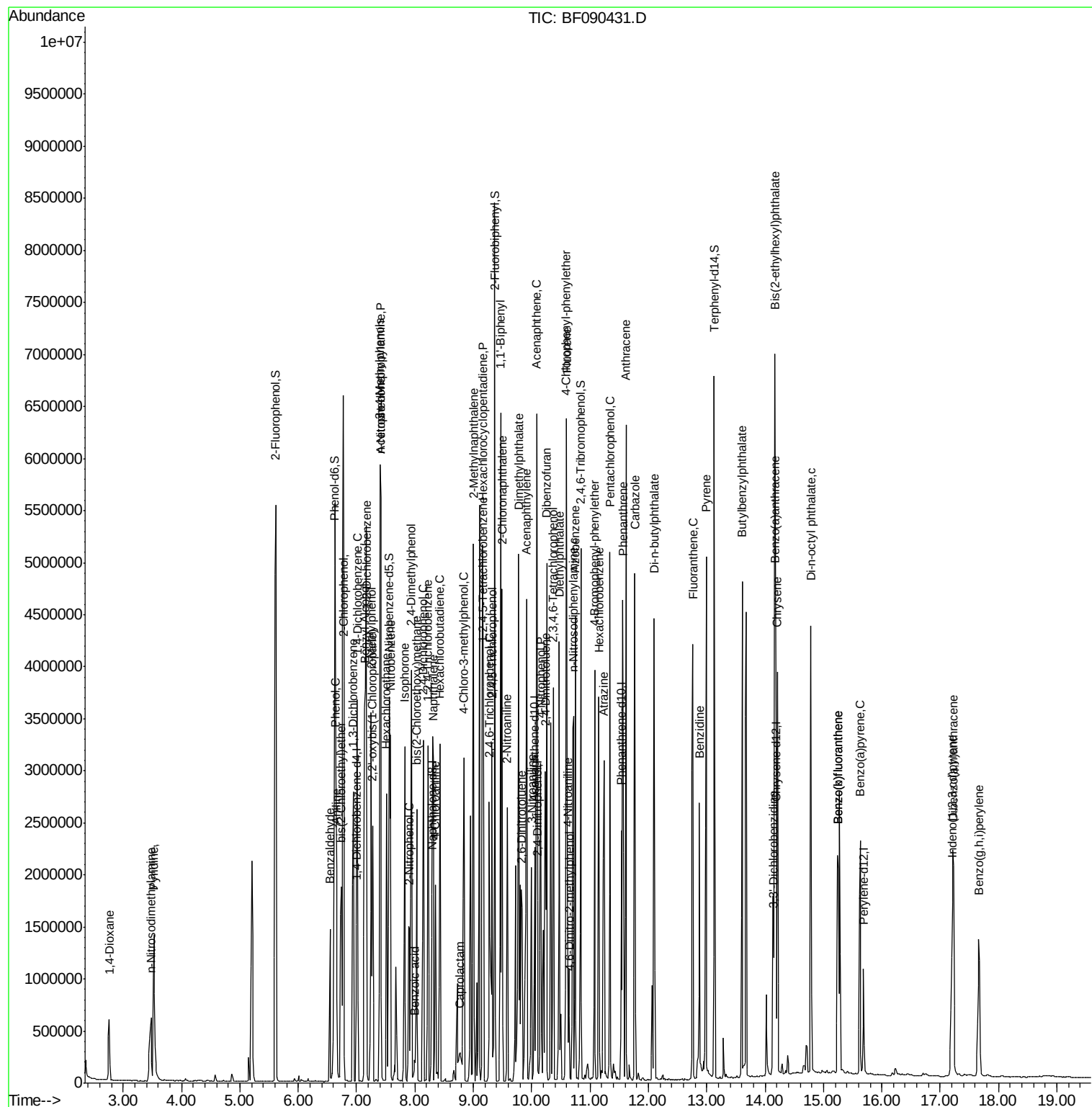
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	431355	46.22	ng	95
43) 2,4,5-Trichlorophenol	9.32	196	446734	50.63	ng	99
45) 1,1'-Biphenyl	9.47	154	1800301	47.36	ng	98
46) 2-Chloronaphthalene	9.49	162	1294739	46.10	ng	99
47) 2-Nitroaniline	9.58	65	512494	46.25	ng	92
48) Acenaphthylene	9.91	152	2221005	47.93	ng	99
49) Dimethylphthalate	9.78	163	3044307	92.67	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	384644	52.74	ng	# 59
51) Acenaphthene	10.09	154	1450733	50.21	ng	98
52) 3-Nitroaniline	9.99	138	285174	33.47	ng	93
53) 2,4-Dinitrophenol	10.10	184	179319	55.14	ng	# 77
54) Dibenzofuran	10.26	168	1970279	52.69	ng	96
55) 4-Nitrophenol	10.15	139	617819	82.88	ng	98
56) 2,4-Dinitrotoluene	10.23	165	540427	55.68	ng	# 56
57) Fluorene	10.60	166	1541539	49.05	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	403199	61.18	ng	# 86
59) Diethylphthalate	10.47	149	1760082	51.78	ng	95
60) 4-Chlorophenyl-phenylether	10.59	204	717532	50.21	ng	98
61) 4-Nitroaniline	10.61	138	354599	41.31	ng	95
62) Azobenzene	10.75	77	1911689	48.69	ng	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	173819	34.29	ng	# 43
65) n-Nitrosodiphenylamine	10.71	169	1376106	51.90	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	410505	52.93	ng	92
67) Hexachlorobenzene	11.15	284	429976	49.78	ng	# 87
68) Atrazine	11.24	200	451310	69.03	ng	96
69) Pentachlorophenol	11.34	266	562280	109.36	ng	99
70) Phenanthrene	11.56	178	1975055	48.75	ng	98
71) Anthracene	11.62	178	2153727	52.05	ng	100
72) Carbazole	11.77	167	1826252	47.51	ng	99
73) Di-n-butylphthalate	12.10	149	2261129	48.33	ng	99
74) Fluoranthene	12.76	202	2096784	52.76	ng	92
76) Benzidine	12.87	184	947281	64.01	ng	99
77) Pyrene	12.99	202	2088879	55.66	ng	99
79) Butylbenzylphthalate	13.61	149	1108811	57.58	ng	93
80) Benzo(a)anthracene	14.18	228	1522595	48.22	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	454111	39.67	ng	# 99
82) Chrysene	14.21	228	1182831	40.70	ng	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	1412677	51.61	ng	99
84) Di-n-octyl phthalate	14.78	149	1955528	48.19	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1327068	64.05	ng	# 94
87) Benzo(b)fluoranthene	15.25	252	1330062	51.83	ng	97
88) Benzo(k)fluoranthene	15.25	252	1330062	55.18	ng	# 94
89) Benzo(a)pyrene	15.63	252	1174594	53.11	ng	99
90) Dibenzo(a,h)anthracene	17.23	278	1136801	60.41	ng	# 95
91) Benzo(g,h,i)perylene	17.66	276	1070427	59.28	ng	# 92

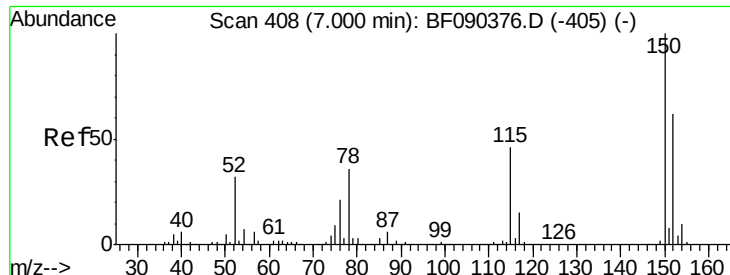
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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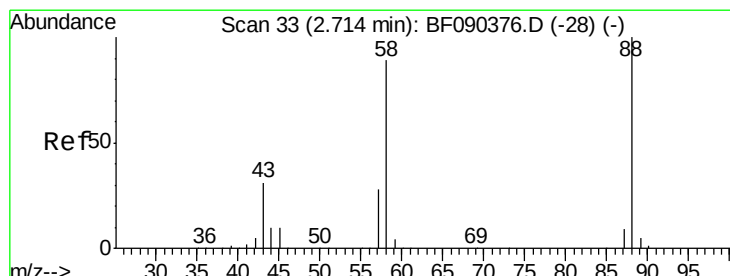
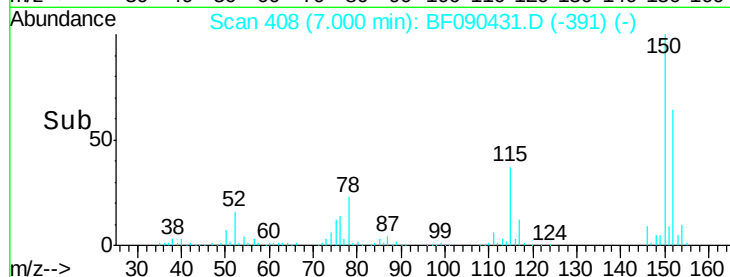
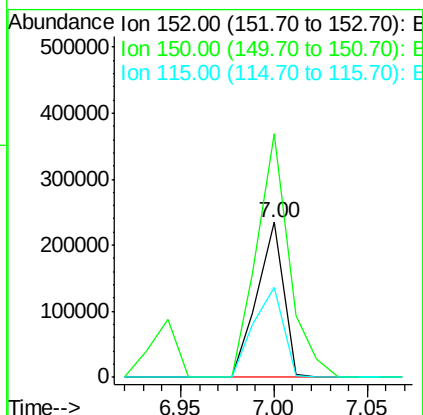
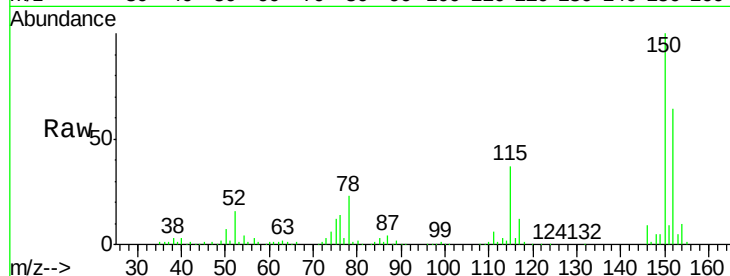


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

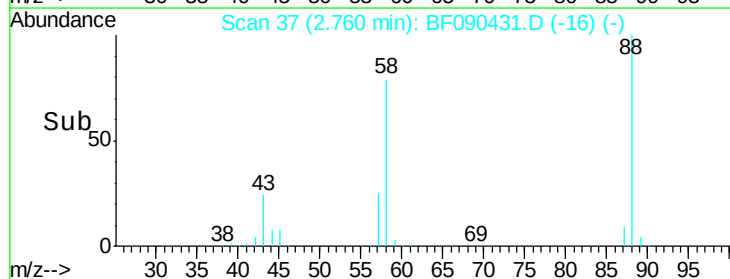
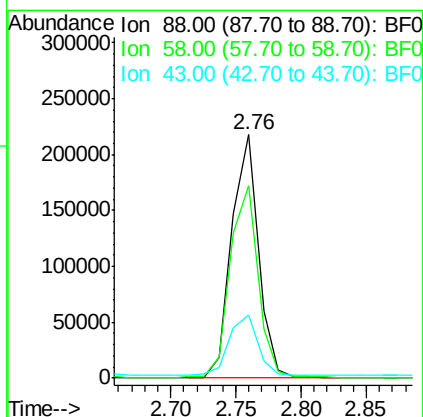
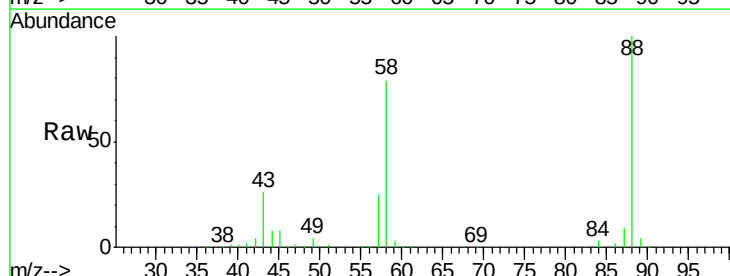
Tgt Ion:152 Resp: 231626
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.4 46.2 69.4

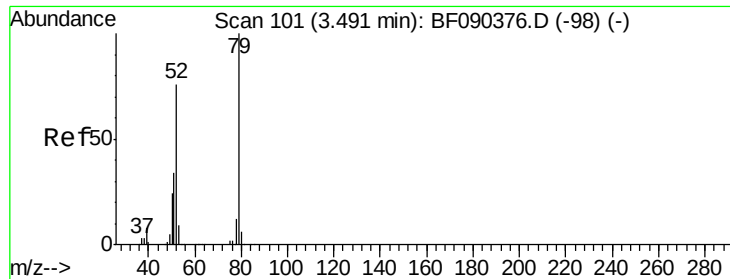


#2

1,4-Dioxane
Concen: 40.26 ng
RT: 2.76 min Scan# 37
Delta R.T. 0.05 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion: 88 Resp: 308040
Ion Ratio Lower Upper
88 100
58 82.0 71.2 106.8
43 27.1 29.8 44.6#





#3

Pyridine

Concen: 44.25 ng

RT: 3.53 min Scan# 104

Delta R.T. 0.03 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

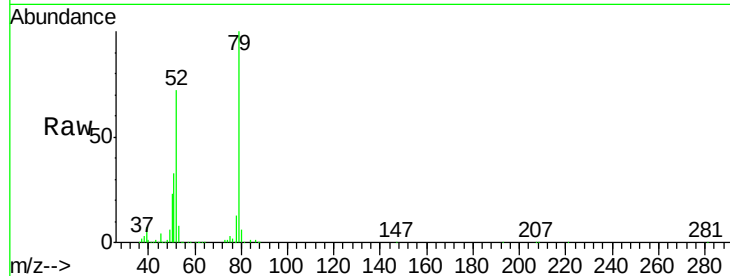
Tgt Ion: 79 Resp: 943946

Ion Ratio Lower Upper

79 100

52 72.5 71.3 106.9

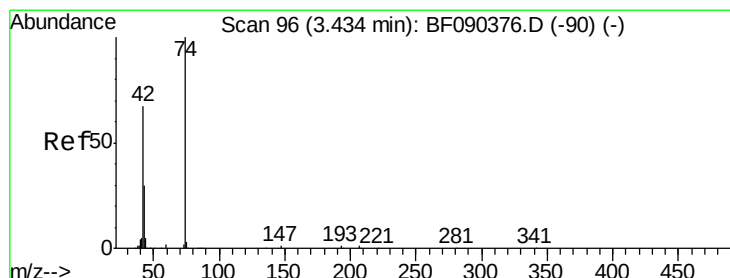
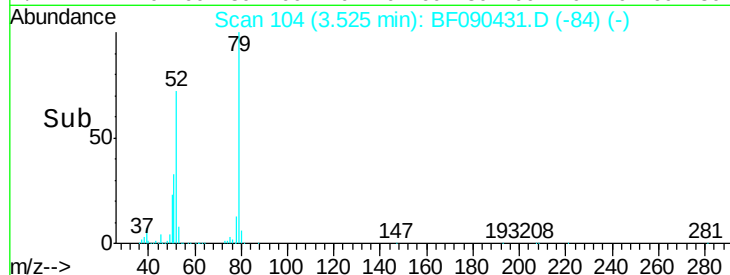
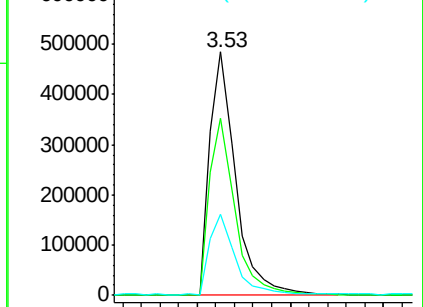
51 33.1 34.5 51.7#



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: 44.78 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.05 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

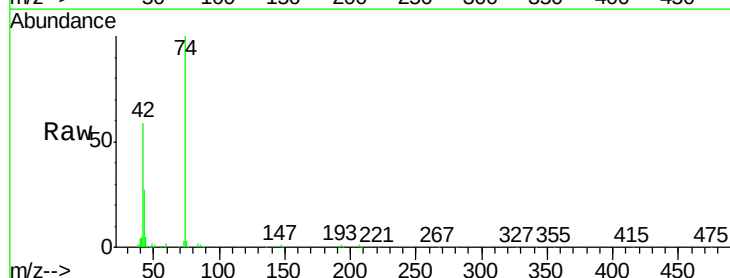
Tgt Ion: 42 Resp: 394165

Ion Ratio Lower Upper

42 100

74 168.9 88.9 133.3#

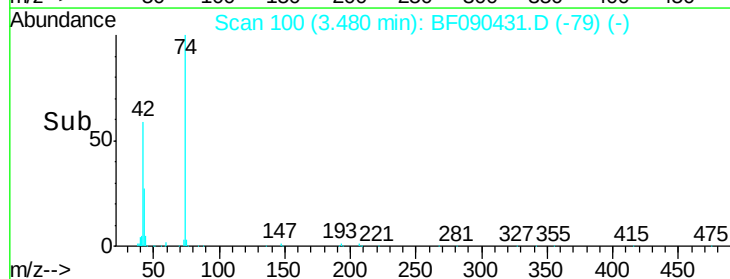
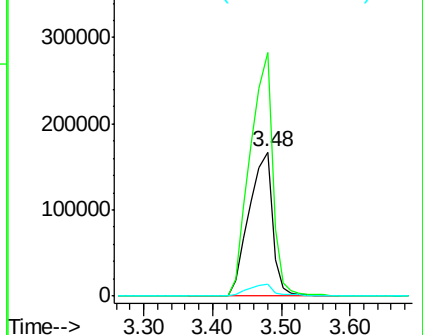
44 8.1 6.5 9.7

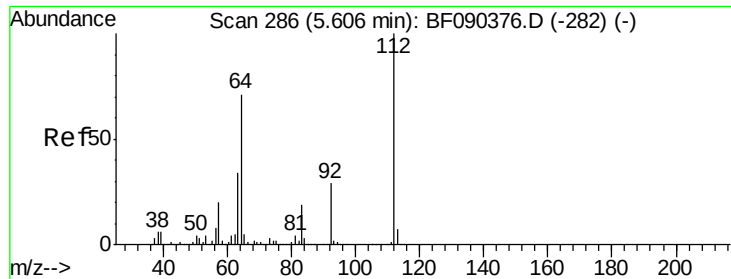


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 146.09 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

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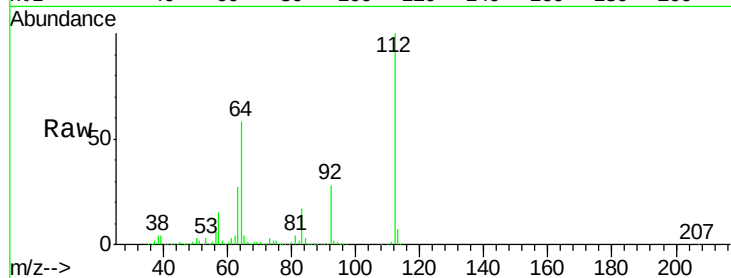
Tgt Ion:112 Resp: 2267309

Ion Ratio Lower Upper

112 100

64 57.6 57.9 86.9#

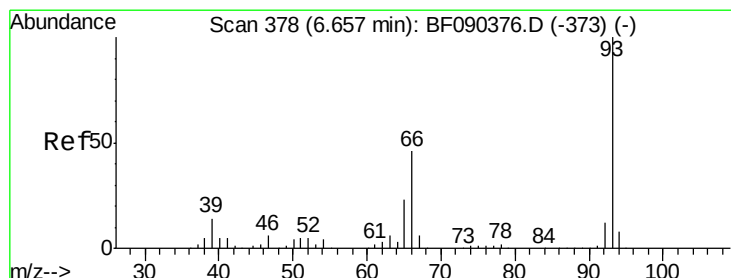
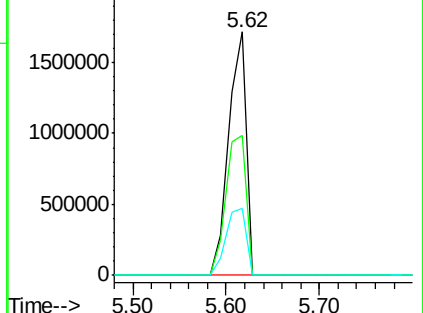
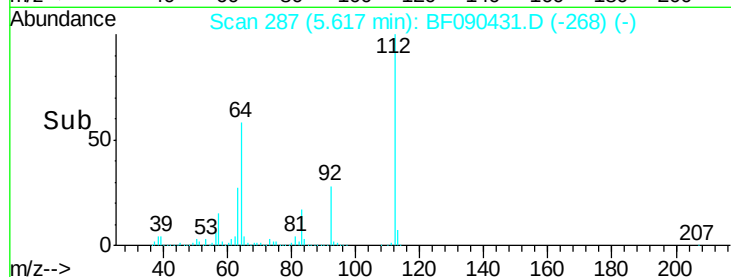
63 27.4 29.6 44.4#



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: 36.25 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

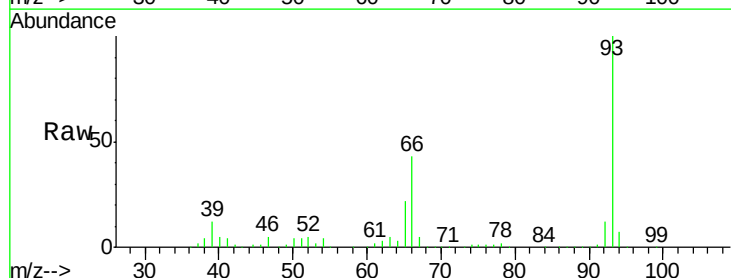
Tgt Ion: 93 Resp: 1017763

Ion Ratio Lower Upper

93 100

66 43.3 34.5 51.7

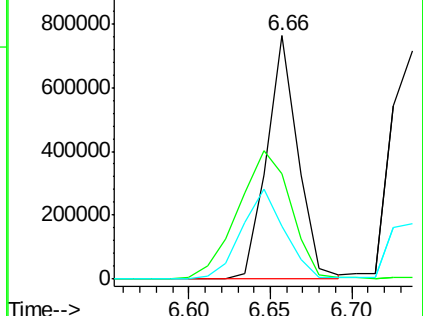
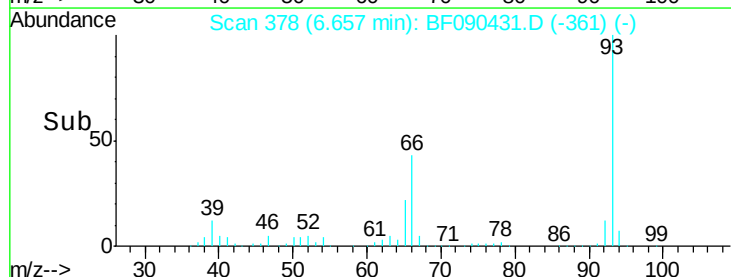
65 21.7 18.2 27.2

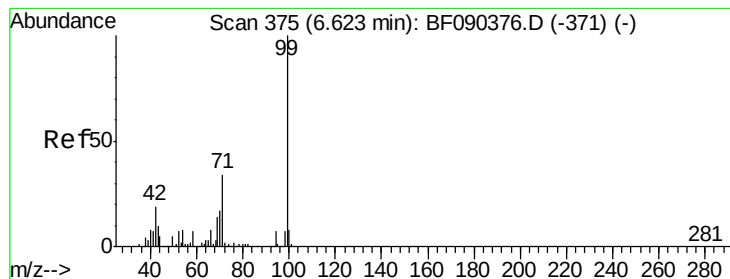


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.81 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

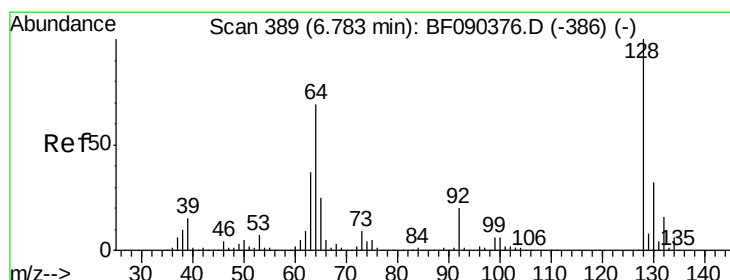
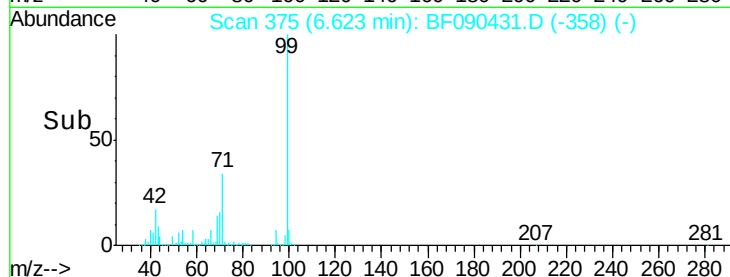
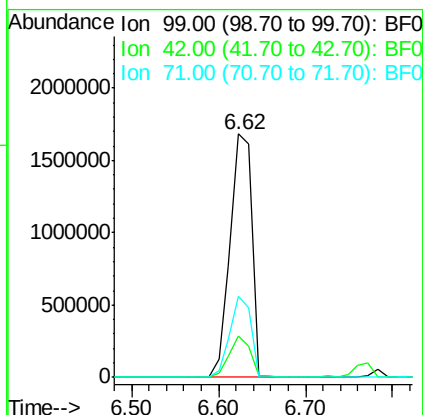
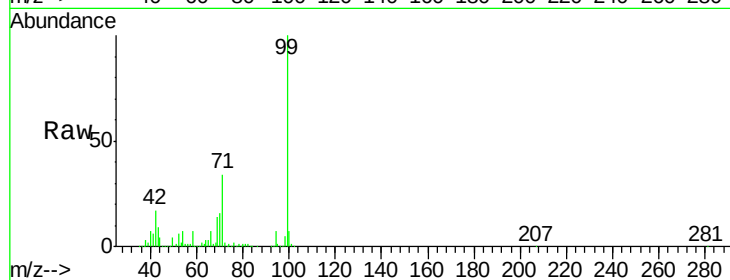
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Tgt Ion: 99 Resp: 2882590

Ion	Ratio	Lower	Upper
99	100		
42	16.9	20.0	30.0#
71	33.5	27.9	41.9



#8

2-Chlorophenol

Concen: 47.30 ng

RT: 6.78 min Scan# 389

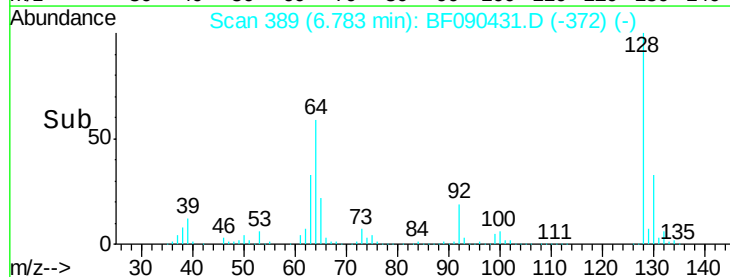
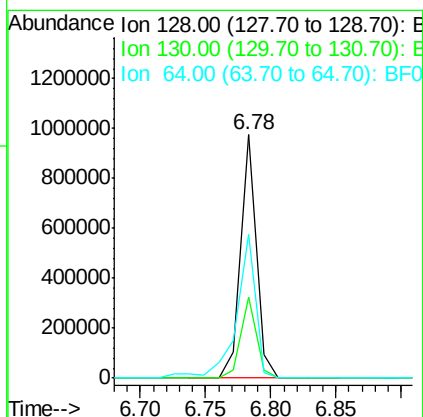
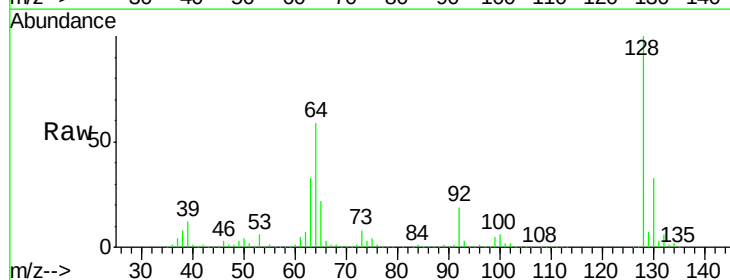
Delta R.T. -0.00 min

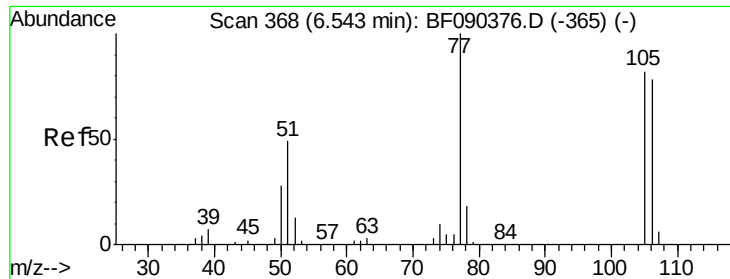
Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion: 128 Resp: 807750

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.3	53.3
64	59.1	36.0	76.0





#9

Benzaldehyde

Concen: 33.59 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

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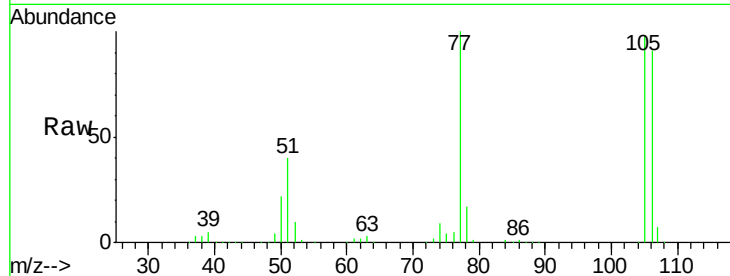
Tgt Ion: 77 Resp: 345146

Ion Ratio Lower Upper

77 100

105 98.1 73.1 113.1

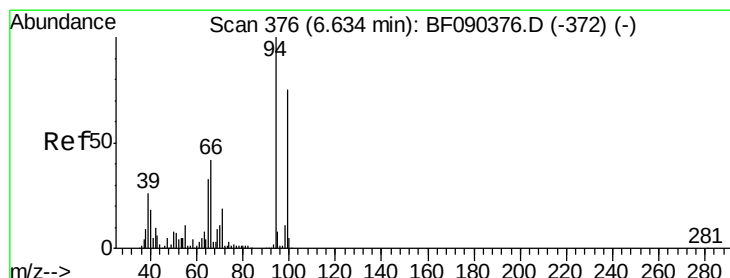
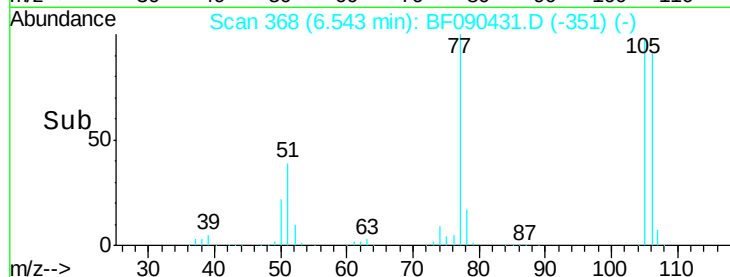
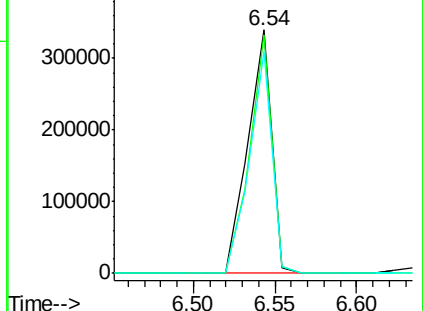
106 91.1 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 48.60 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

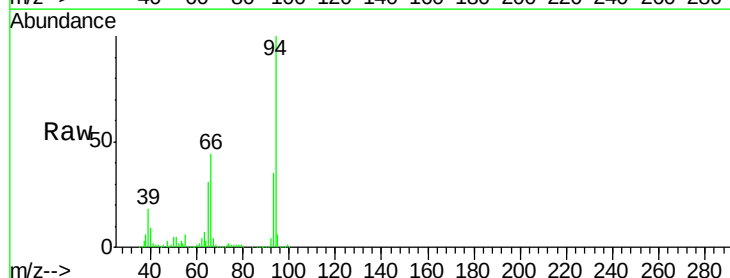
Tgt Ion: 94 Resp: 1148636

Ion Ratio Lower Upper

94 100

65 30.7 13.3 53.3

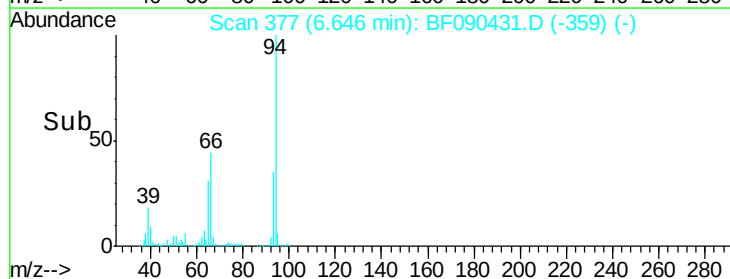
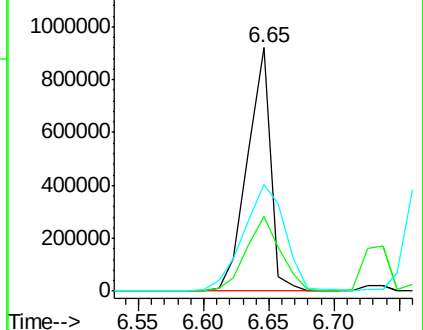
66 43.7 20.4 60.4

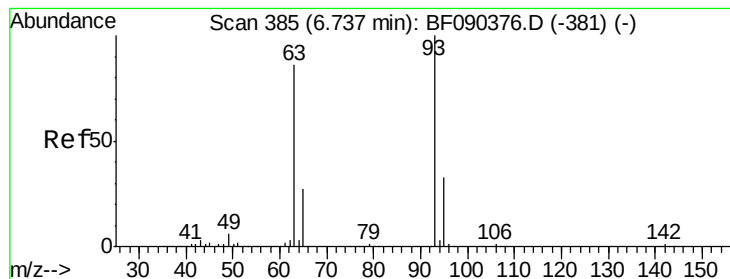


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 49.22 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

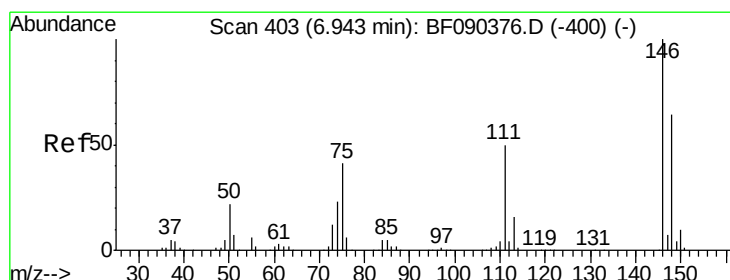
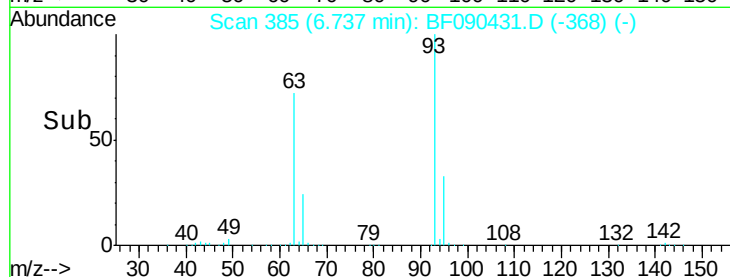
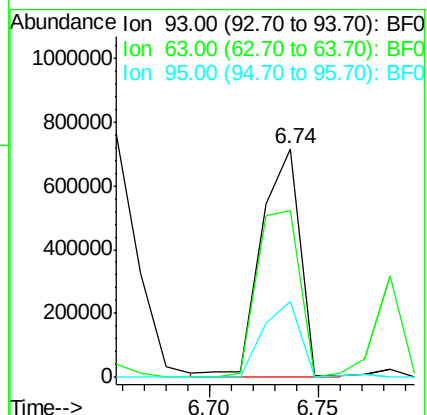
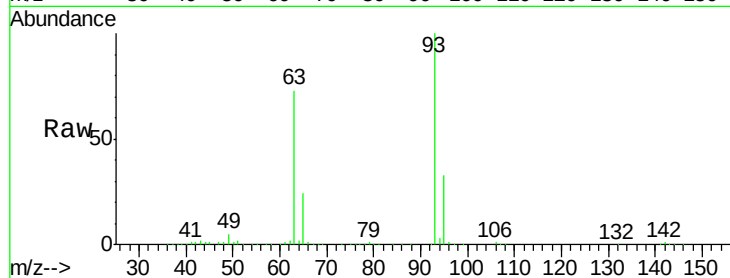
Tgt Ion: 93 Resp: 890661

Ion Ratio Lower Upper

93 100

63 73.1 59.7 99.7

95 33.2 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 48.70 ng

RT: 6.94 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

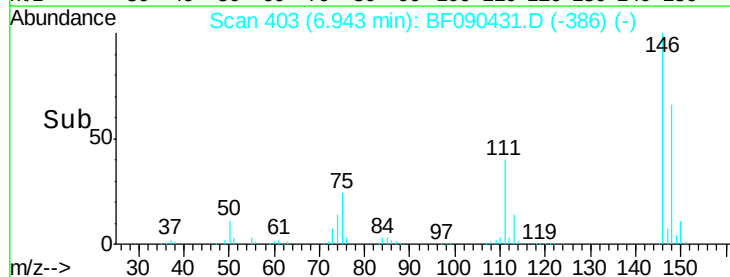
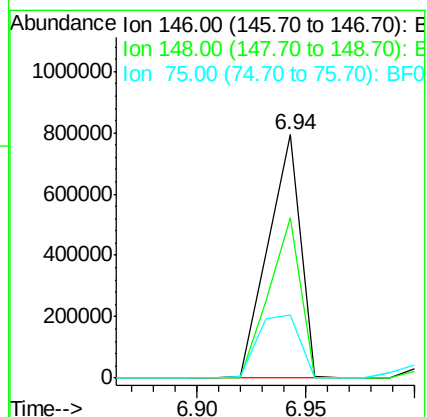
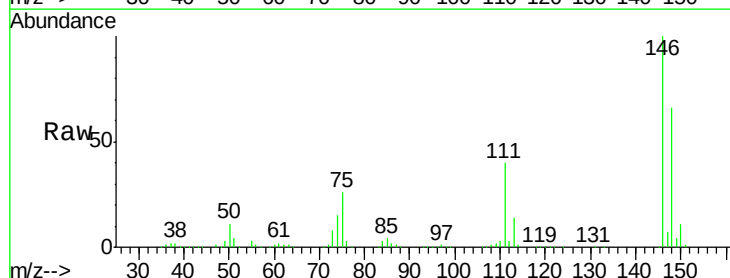
Tgt Ion: 146 Resp: 829153

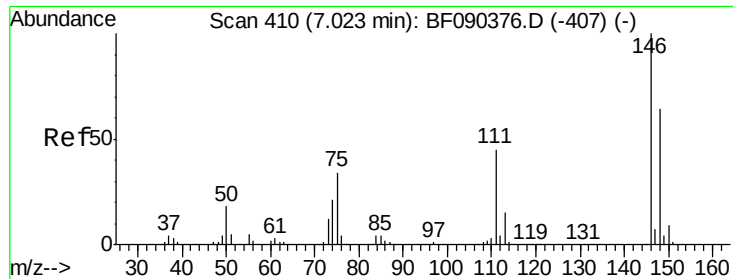
Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.4

75 25.9 21.4 32.2

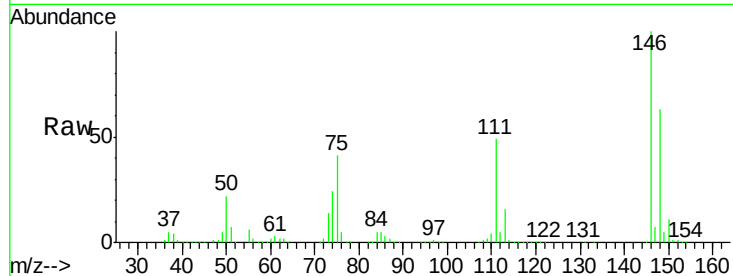




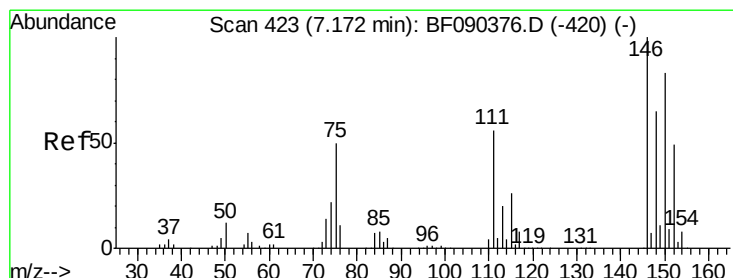
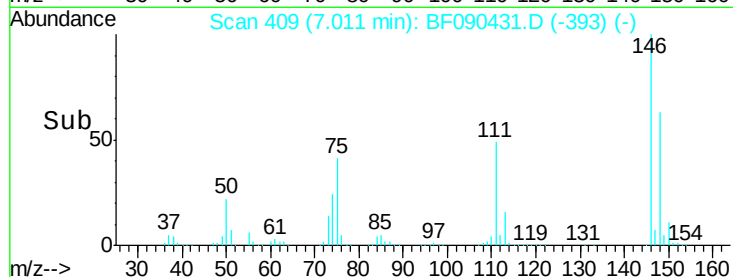
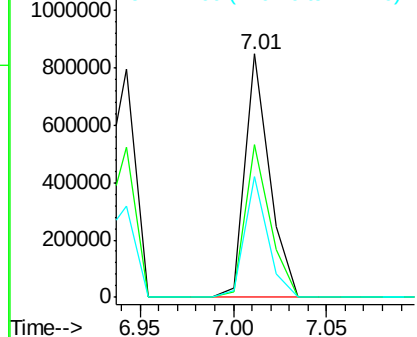
#13
 1,4-Dichlorobenzene
 Concen: 44.77 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:146 Resp: 774115
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 49.4 37.8 56.6

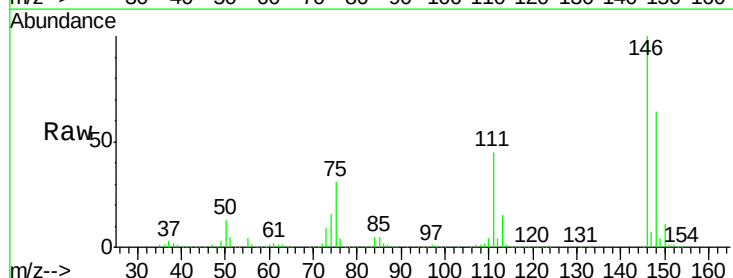


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

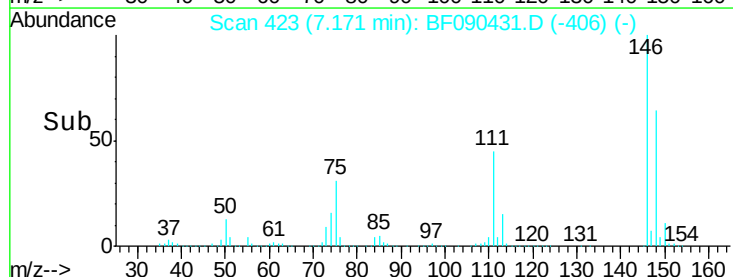
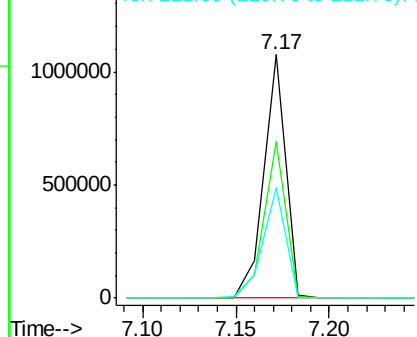


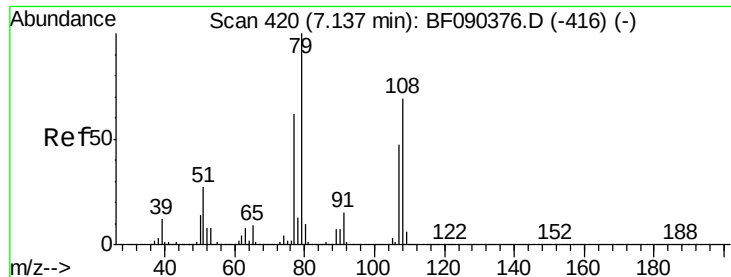
#14
 1,2-Dichlorobenzene
 Concen: 51.70 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:146 Resp: 861337
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 45.5 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: 50.94 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

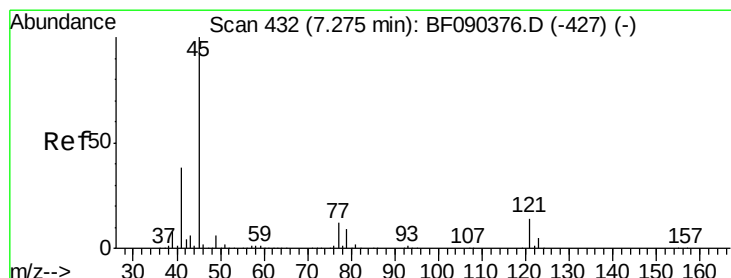
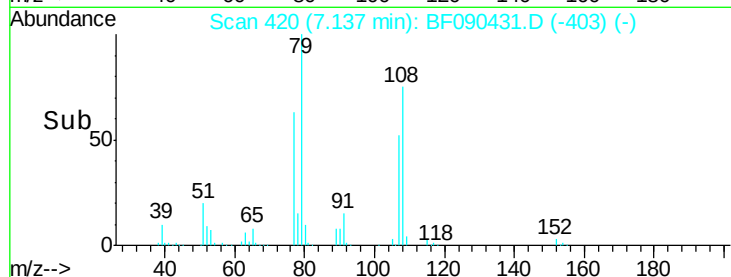
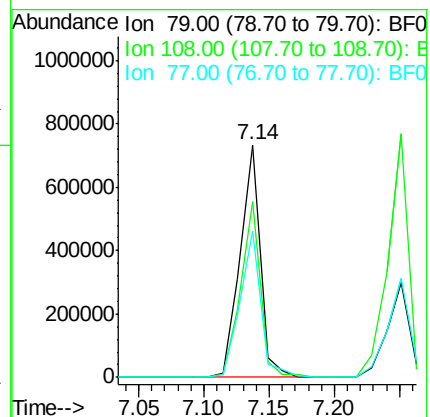
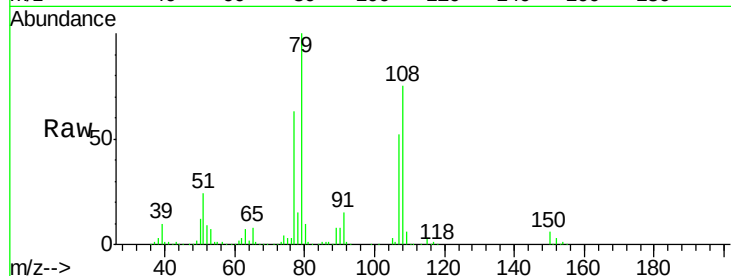
Tgt Ion: 79 Resp: 787161

Ion Ratio Lower Upper

79 100

108 75.4 60.9 91.3

77 63.0 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.92 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

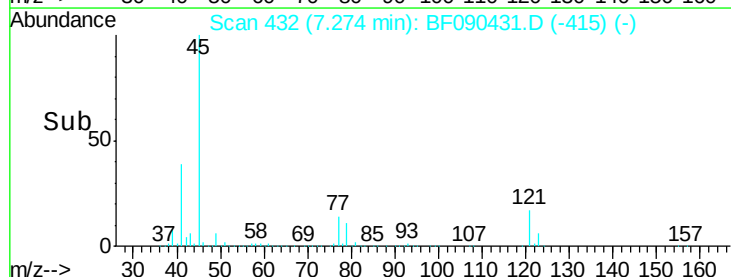
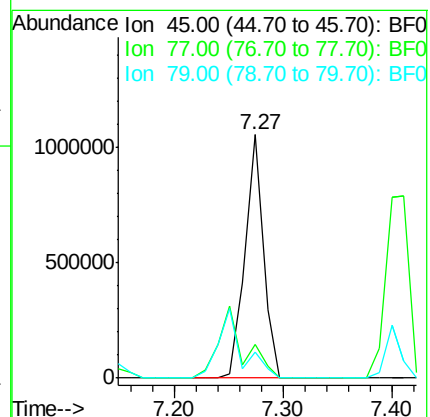
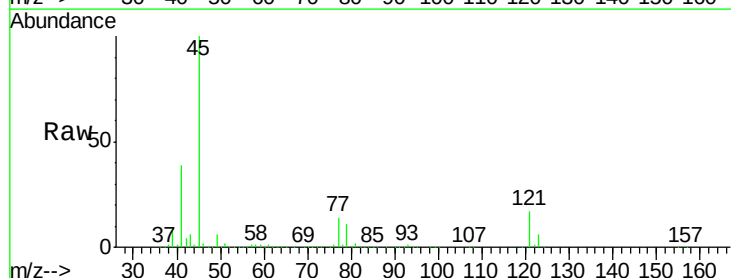
Tgt Ion: 45 Resp: 1225220

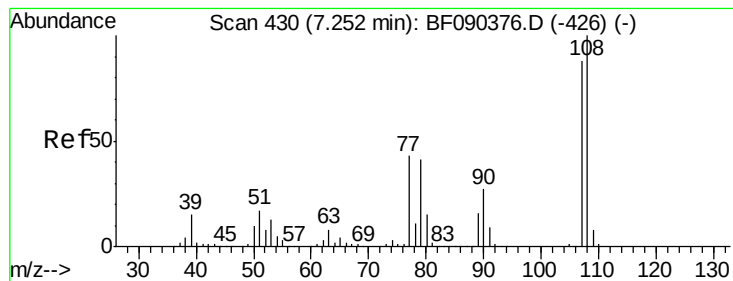
Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.8

79 10.9 0.0 28.2





#17

2-Methylphenol

Concen: 51.94 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:107 Resp: 729544

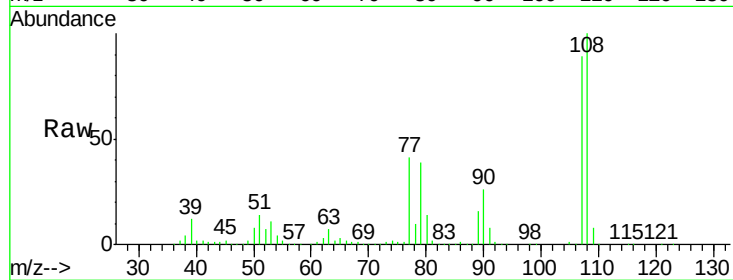
Ion Ratio Lower Upper

107 100

108 112.6 90.9 136.3

77 46.1 38.2 57.4

79 44.2 37.0 55.4

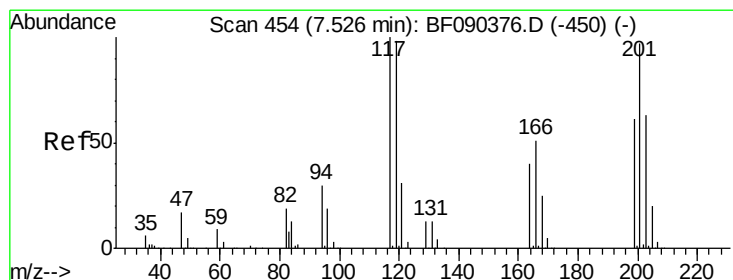
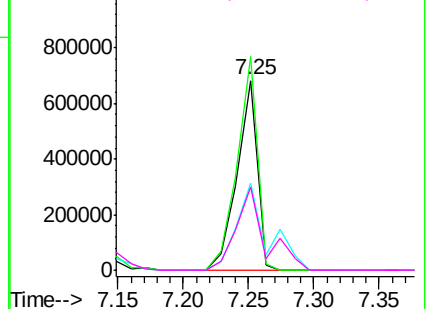
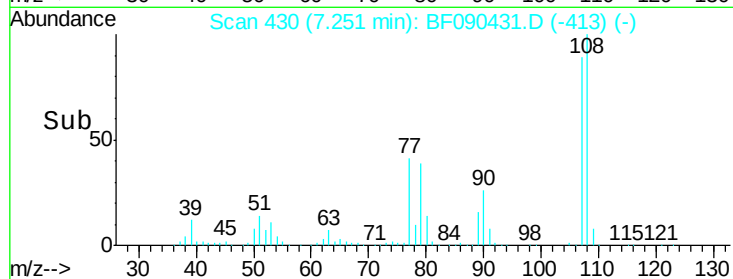


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.26 ng

RT: 7.51 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

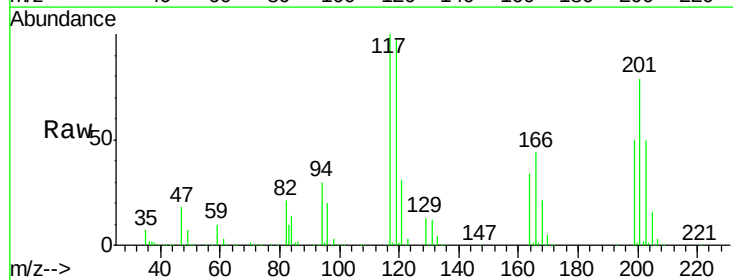
Tgt Ion:117 Resp: 322174

Ion Ratio Lower Upper

117 100

119 97.2 75.9 113.9

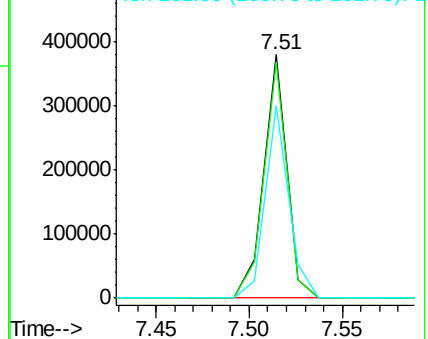
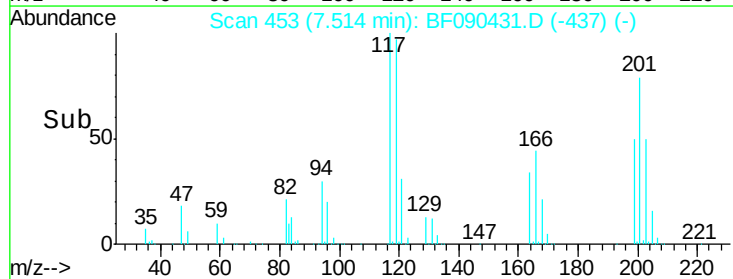
201 79.1 66.5 99.7

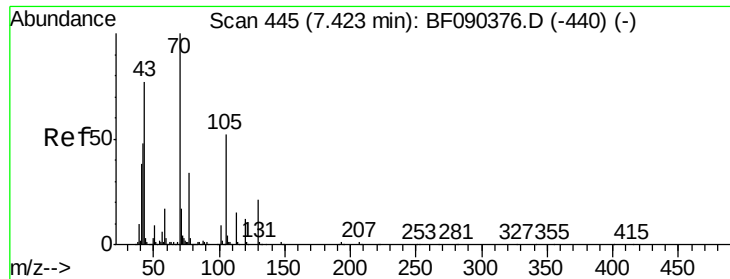


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

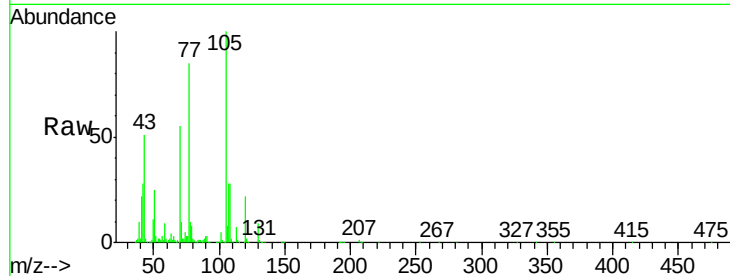




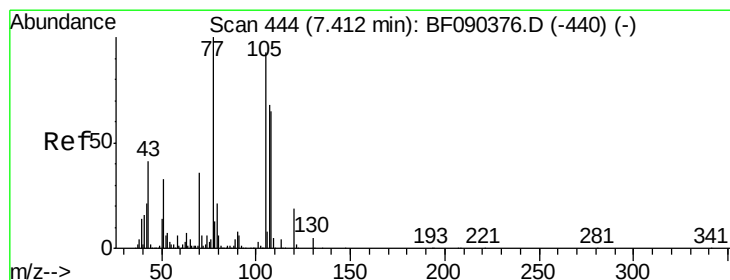
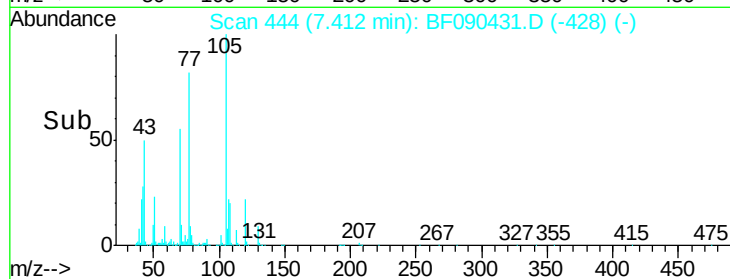
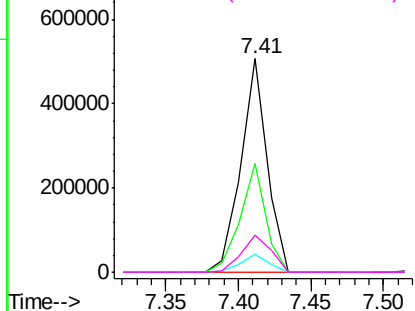
#19
n-Nitroso-di-n-propylamine
Concen: 42.67 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion: 70 Resp: 635988
Ion Ratio Lower Upper
70 100
42 51.0 55.4 83.2#
101 8.5 7.6 11.4
130 17.4 16.5 24.7



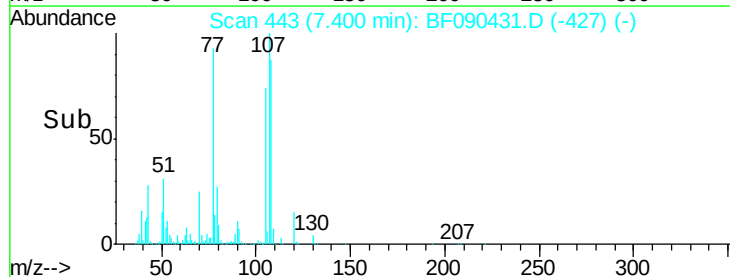
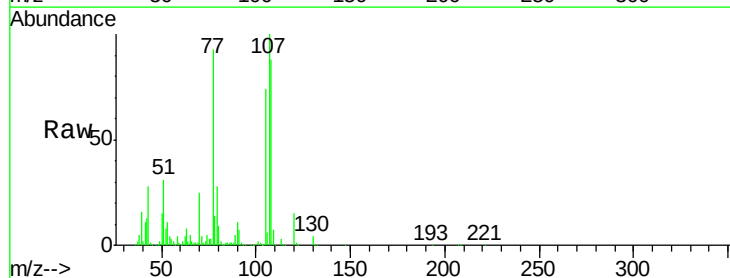
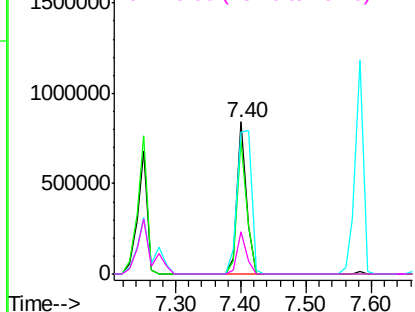
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

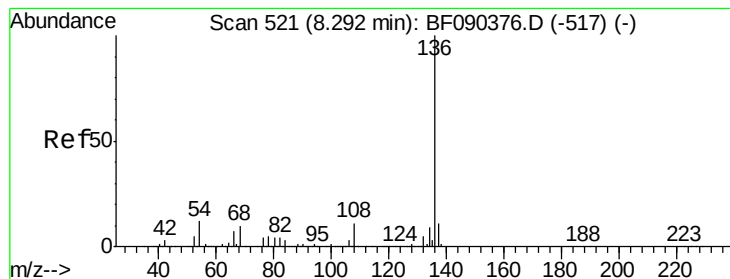


#20
3+4-Methylphenols
Concen: 45.36 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion: 107 Resp: 824620
Ion Ratio Lower Upper
107 100
108 87.5 66.7 106.7
77 93.3 53.7 93.7
79 27.5 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: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

Tgt Ion:136 Resp: 956262

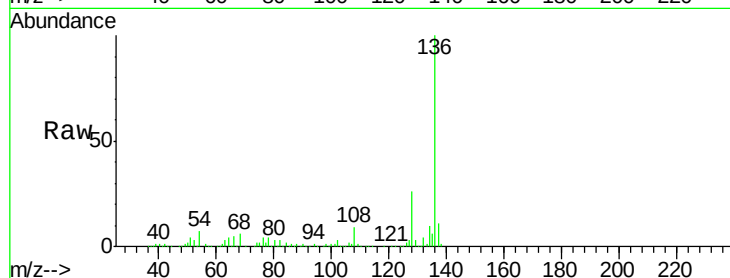
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.8 6.6 10.0

68 6.3 5.0 7.6

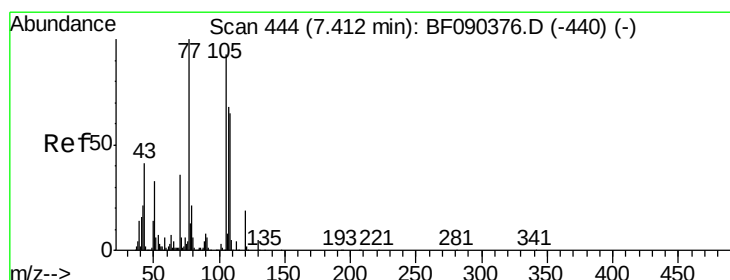
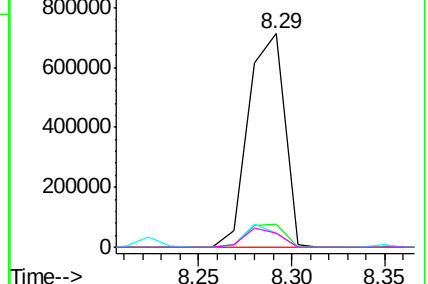
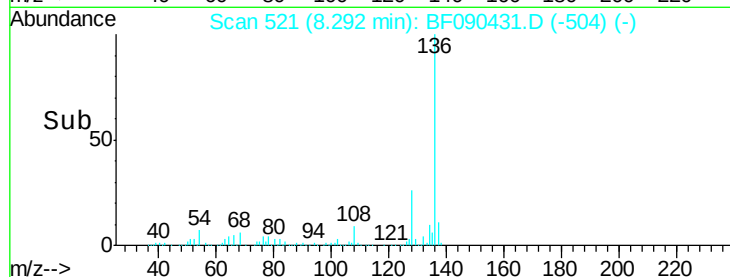


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.19 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Tgt Ion:105 Resp: 1159340

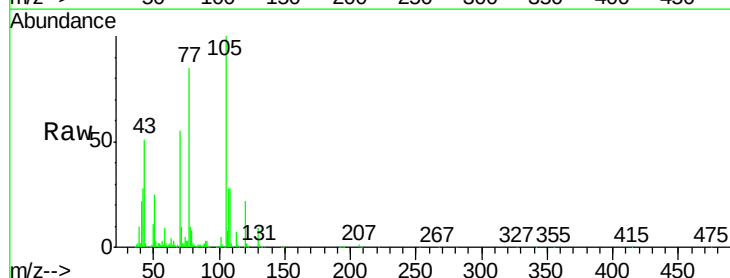
Ion Ratio Lower Upper

105 100

71 9.5 3.8 5.6#

51 24.6 28.2 42.4#

120 21.8 17.4 26.2

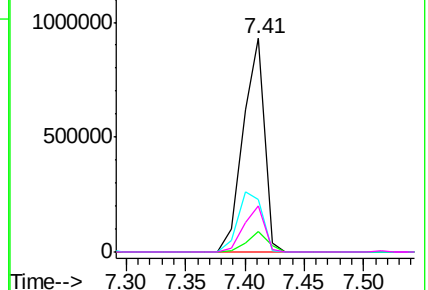
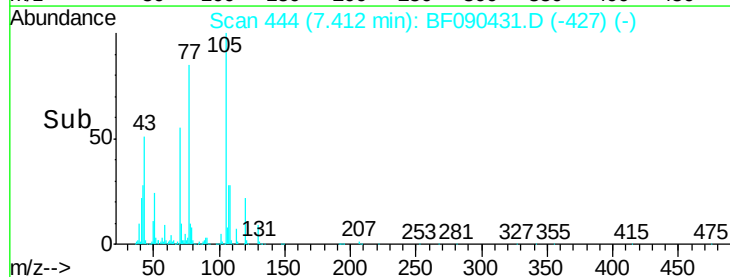


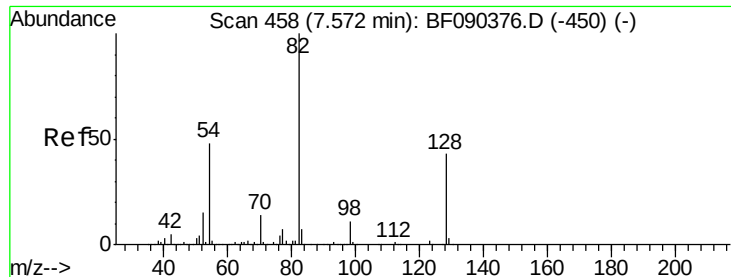
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.76 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

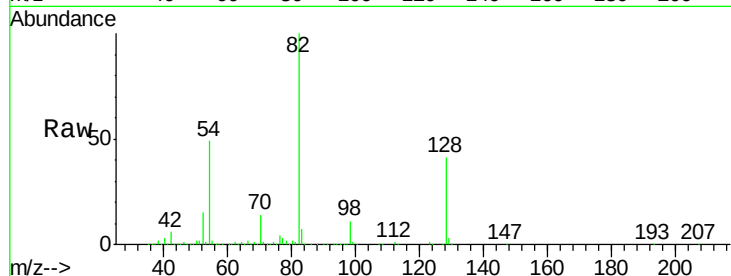
Tgt Ion: 82 Resp: 1784234

Ion Ratio Lower Upper

82 100

128 40.7 40.0 60.0

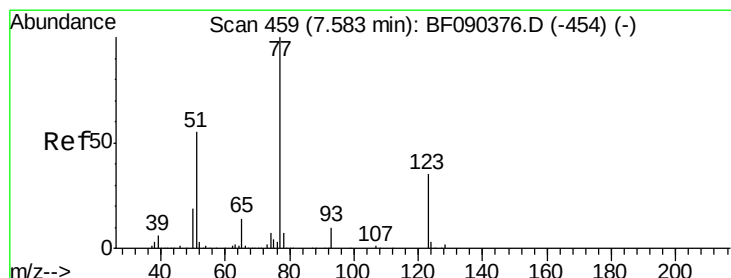
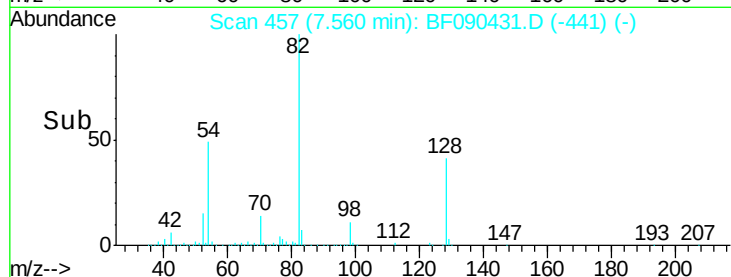
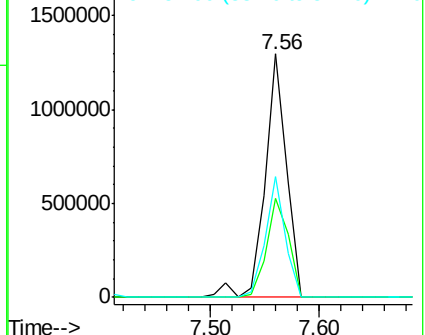
54 49.4 42.6 64.0



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: 53.97 ng

RT: 7.58 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

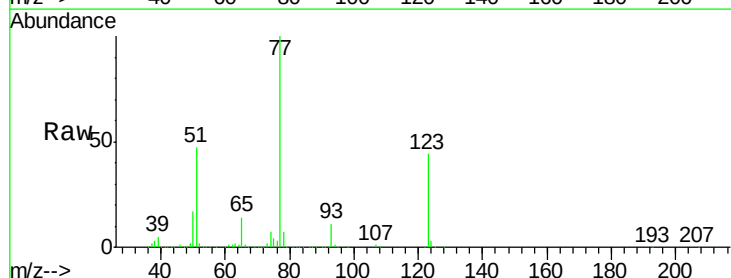
Tgt Ion: 77 Resp: 1053223

Ion Ratio Lower Upper

77 100

123 43.7 33.0 49.4

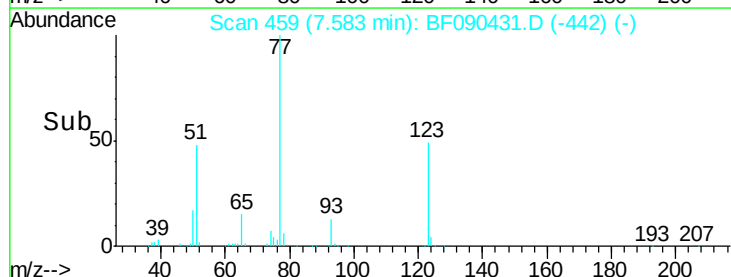
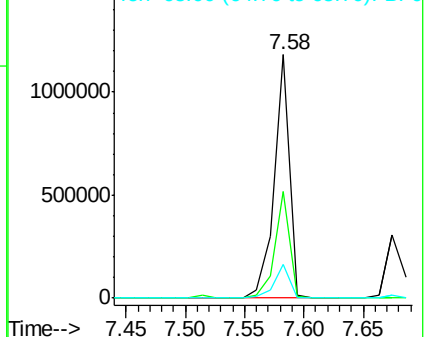
65 13.7 12.0 18.0

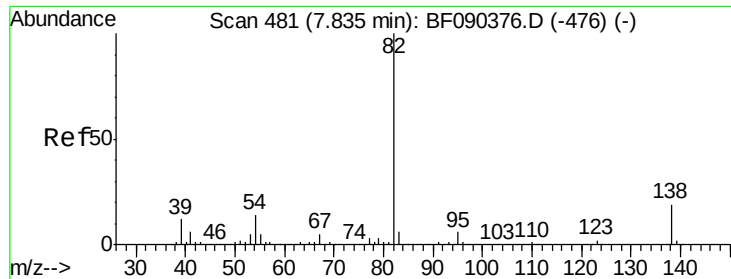


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.10 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

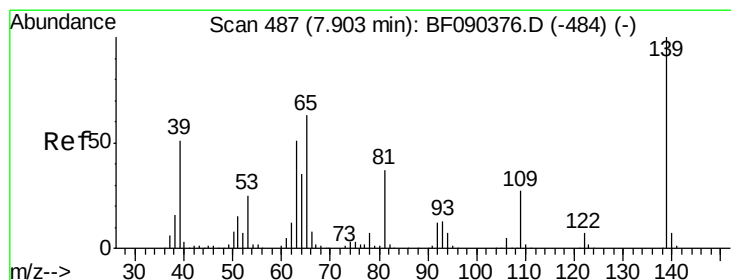
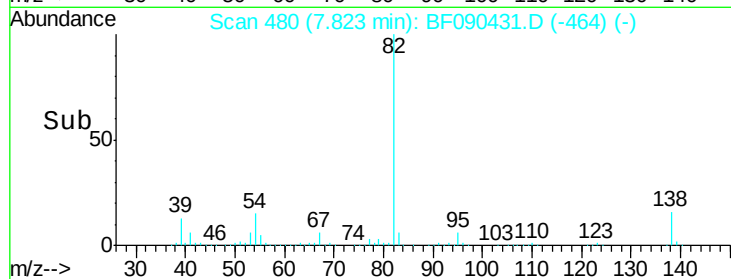
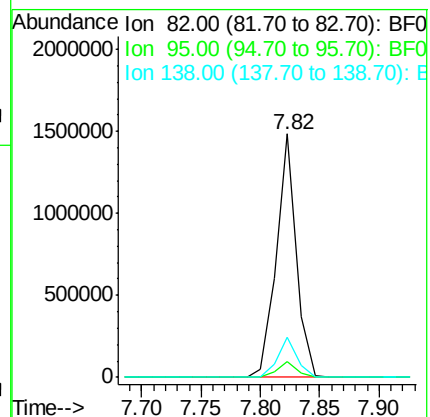
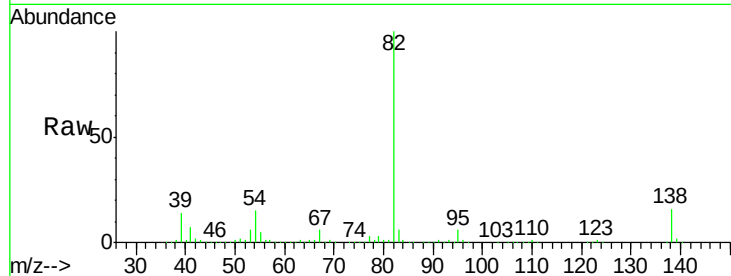
Tgt Ion: 82 Resp: 1728875

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.2 13.0 19.4



#26

2-Nitrophenol

Concen: 53.82 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

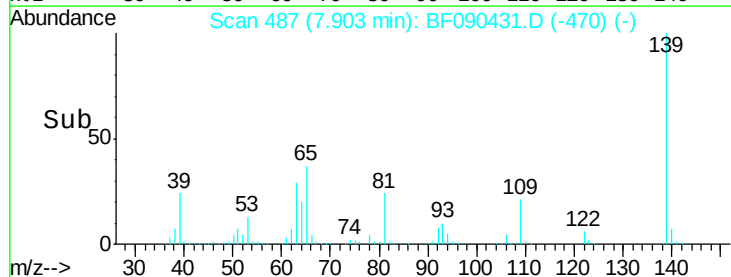
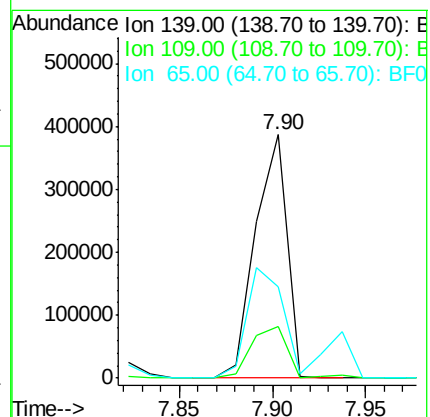
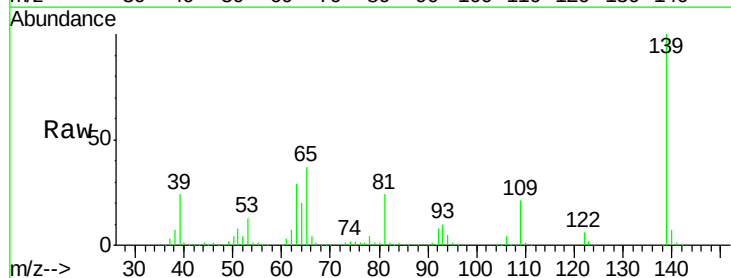
Tgt Ion: 139 Resp: 452110

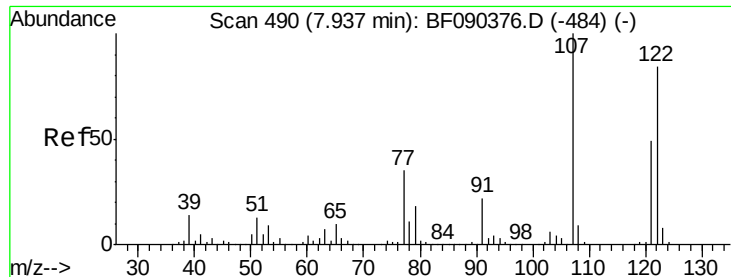
Ion Ratio Lower Upper

139 100

109 21.1 18.9 28.3

65 37.3 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 50.30 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

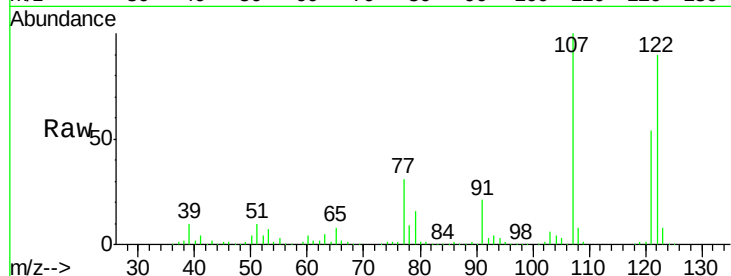
Tgt Ion:122 Resp: 821706

Ion Ratio Lower Upper

122 100

107 111.3 88.6 132.8

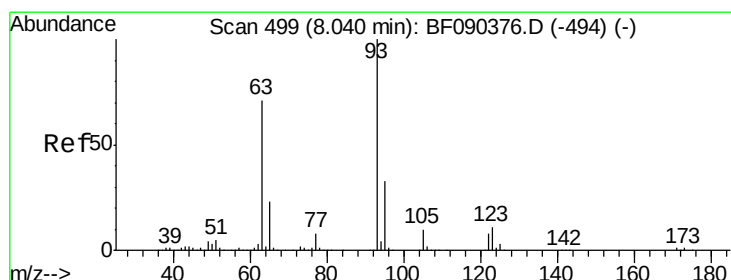
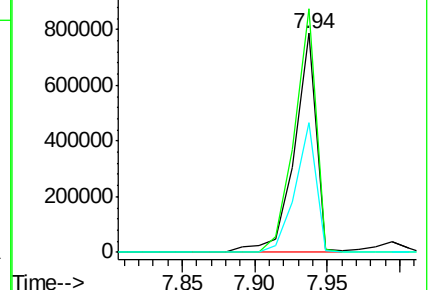
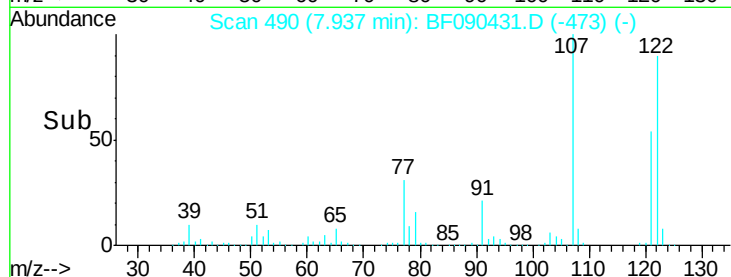
121 59.6 47.5 71.3



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: 47.69 ng

RT: 8.03 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

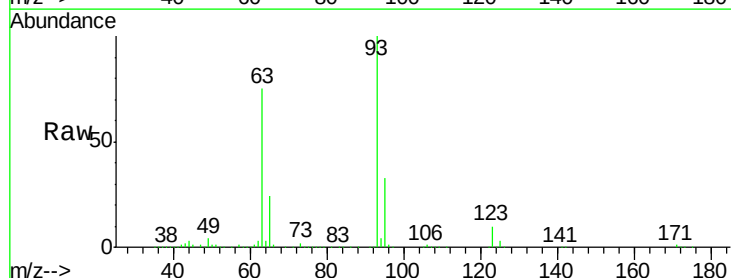
Tgt Ion: 93 Resp: 1013749

Ion Ratio Lower Upper

93 100

95 32.6 27.0 40.4

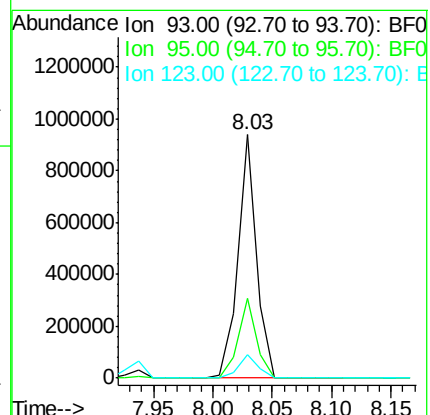
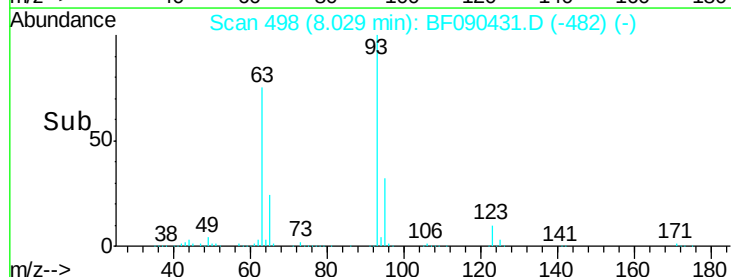
123 9.7 11.1 16.7#

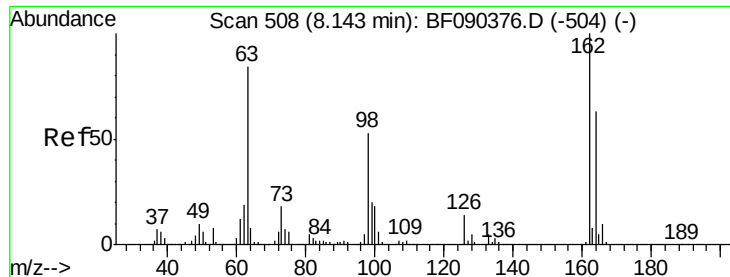


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

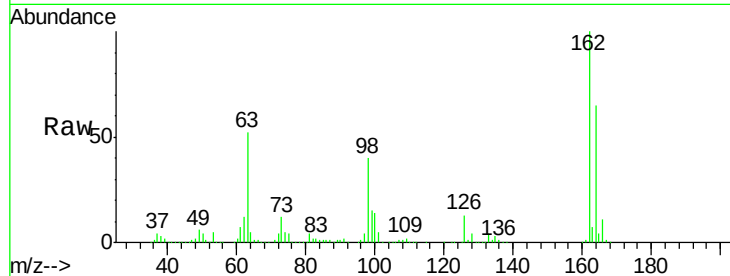




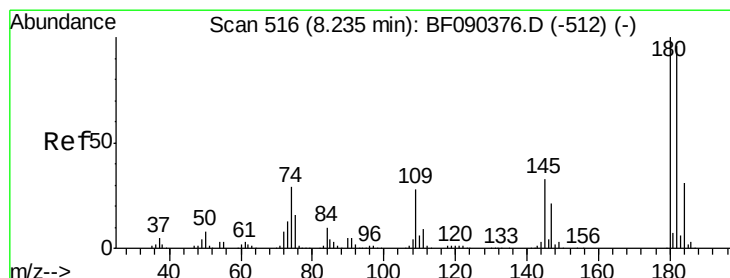
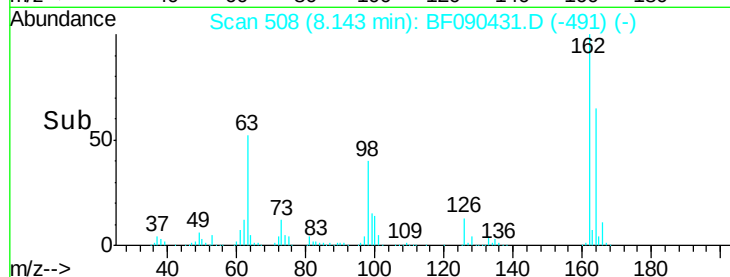
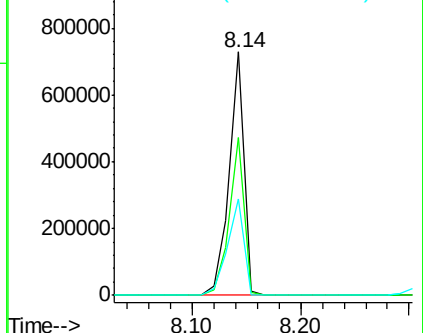
#29
 2,4-Dichlorophenol
 Concen: 54.98 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.7	85.7
98	39.7	13.3	53.3

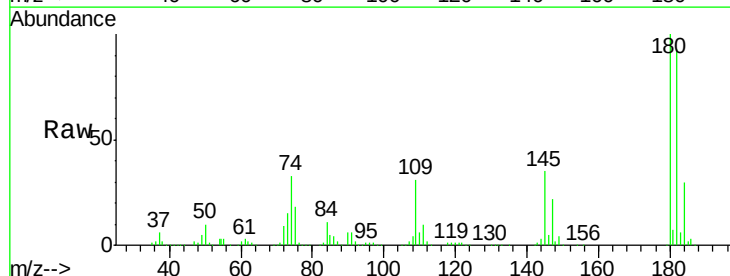


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

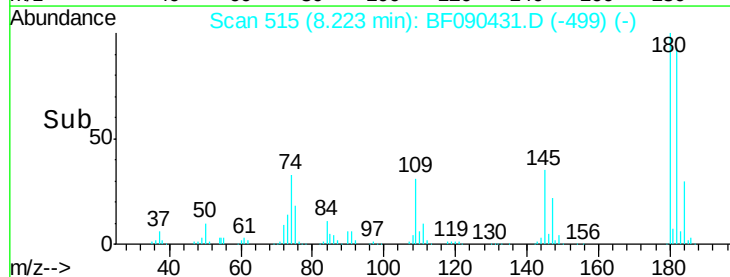
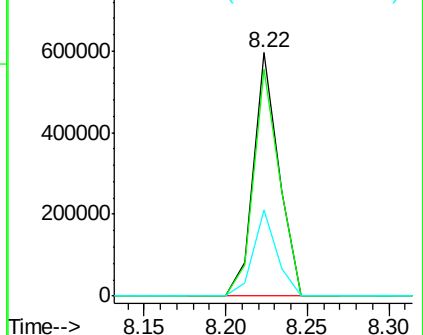


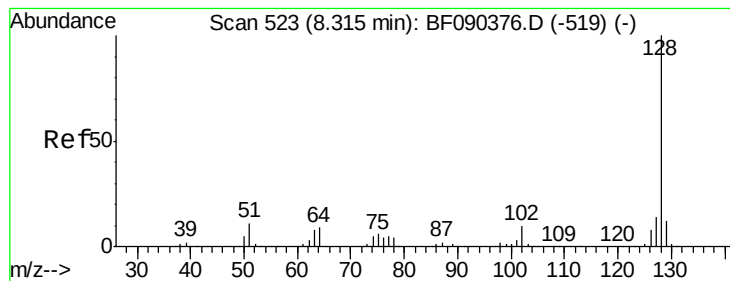
#30
 1,2,4-Trichlorobenzene
 Concen: 50.10 ng
 RT: 8.22 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.3	112.9
145	35.2	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: 48.73 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

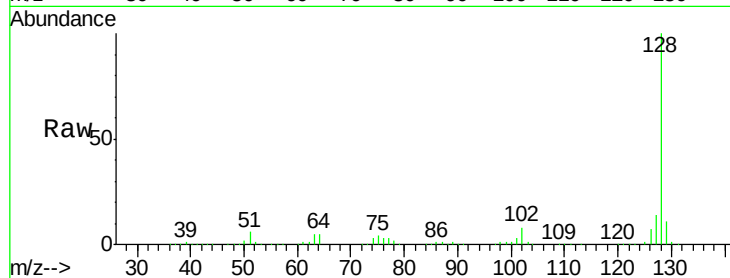
Tgt Ion:128 Resp: 2248153

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

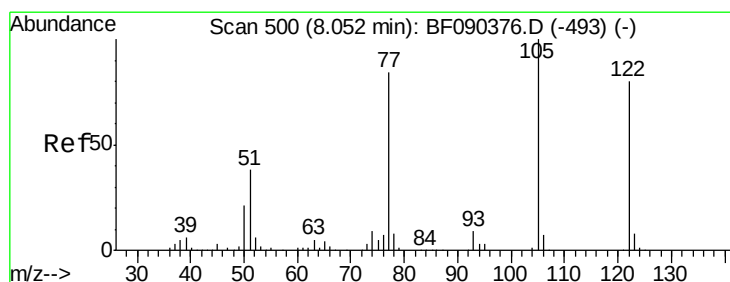
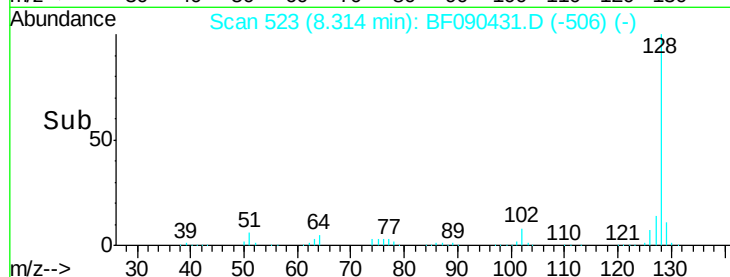
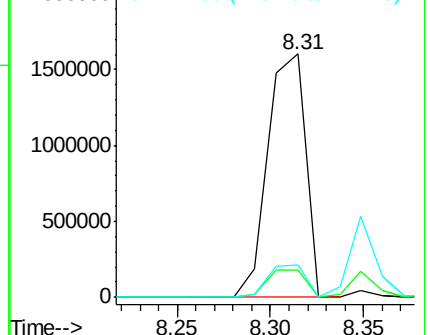
127 13.6 11.7 17.5



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: 4.90 ng

RT: 7.99 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

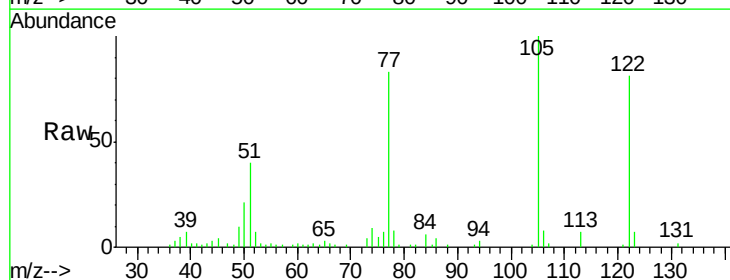
Tgt Ion:122 Resp: 55685

Ion Ratio Lower Upper

122 100

105 122.8 103.9 143.9

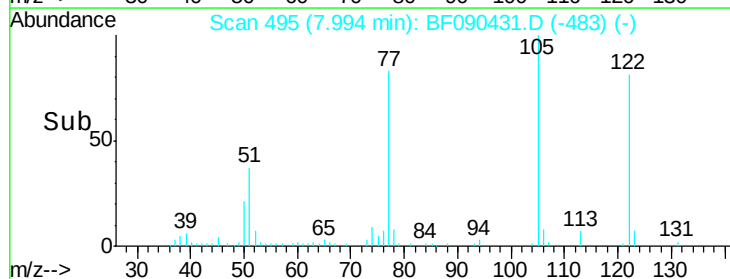
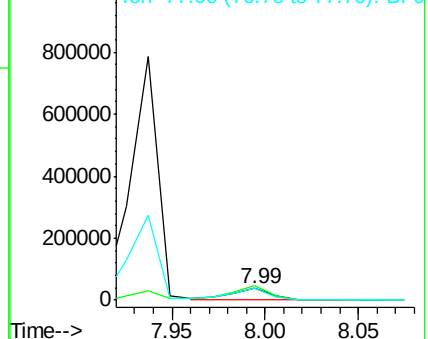
77 101.7 74.6 114.6

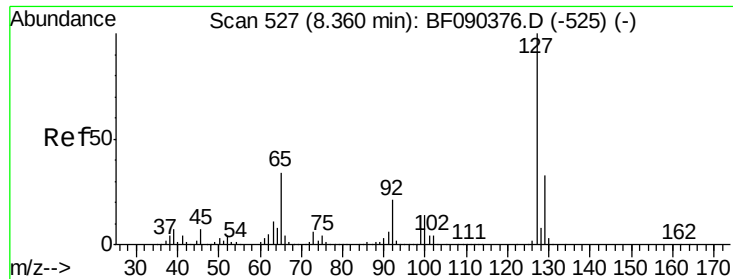


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

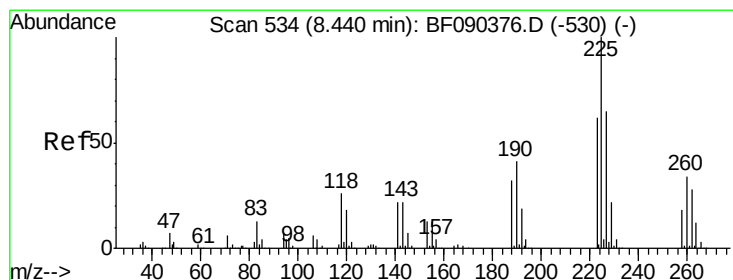
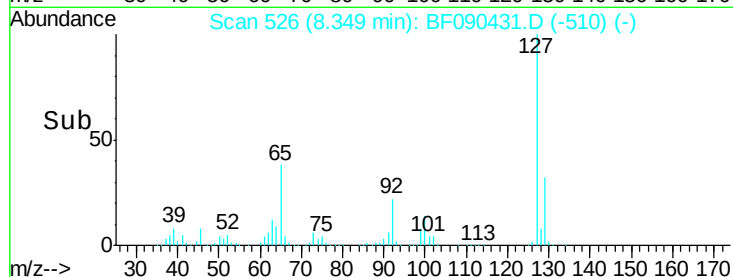
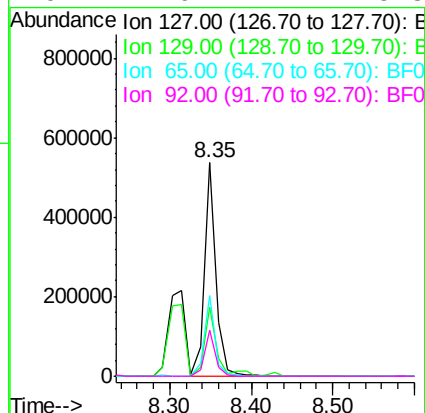
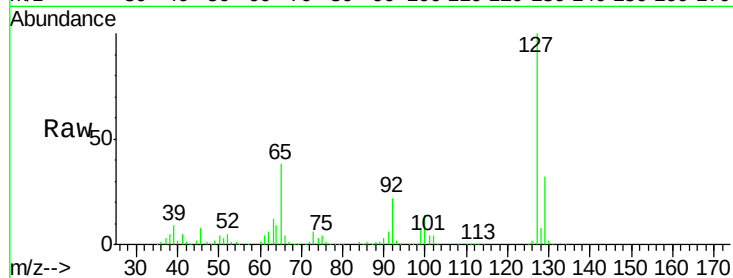




#33
4-Chloroaniline
Concen: 28.04 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

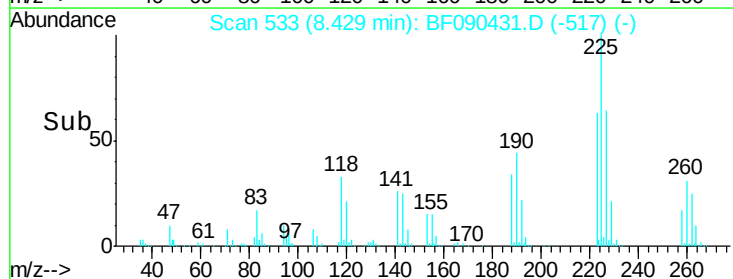
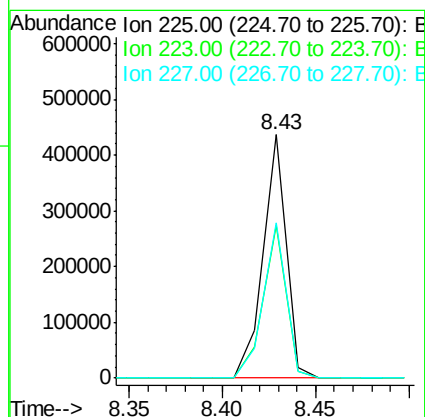
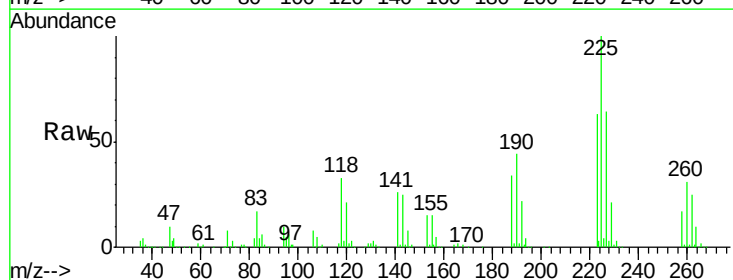
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

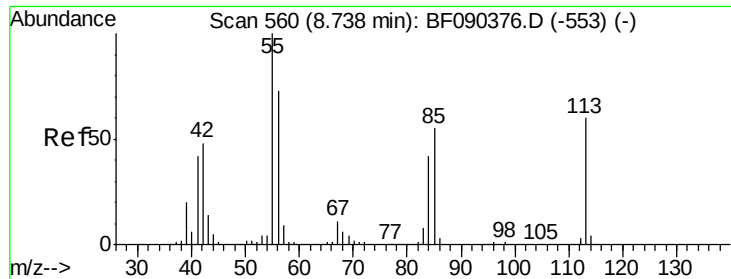
Tgt Ion:	127	Resp:	534770
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	38.0	32.5	48.7
92	21.6	17.2	25.8



#34
Hexachlorobutadiene
Concen: 52.10 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:	225	Resp:	372571
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.4
227	63.8	50.8	76.2

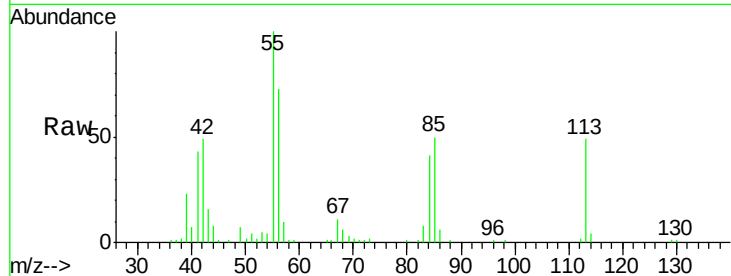




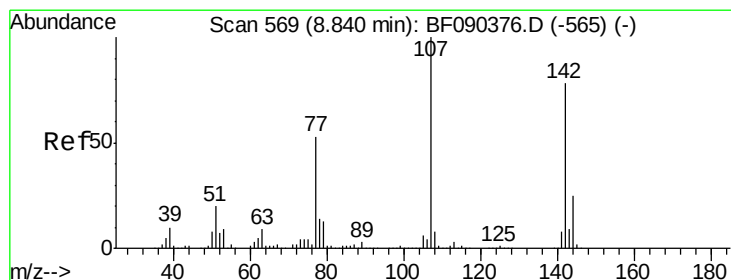
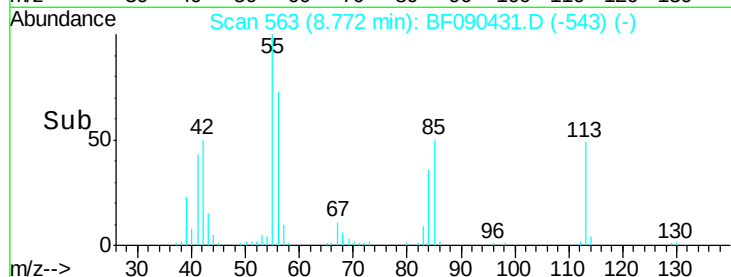
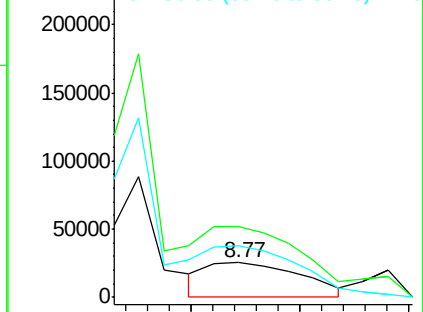
#35
 Caprolactam
 Concen: 18.50 ng
 RT: 8.77 min Scan# 563
 Delta R.T. 0.03 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:113 Resp: 77274
 Ion Ratio Lower Upper
 113 100
 55 205.5 203.3 243.3
 56 149.2 140.5 180.5

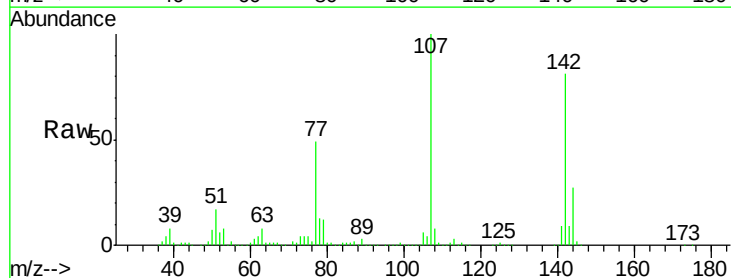


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

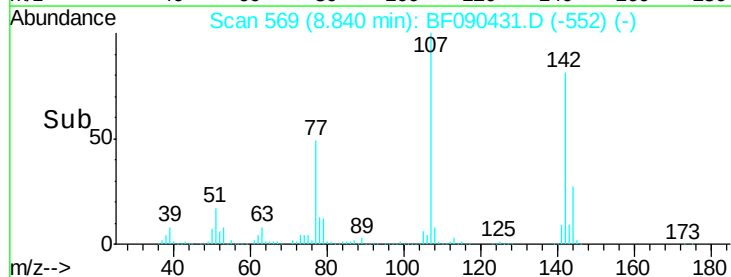
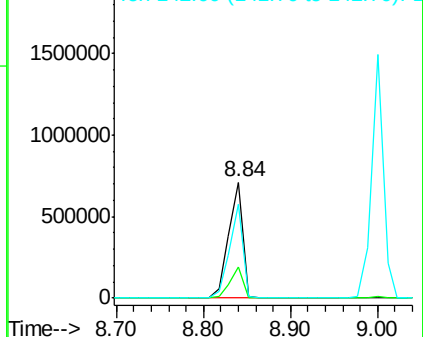


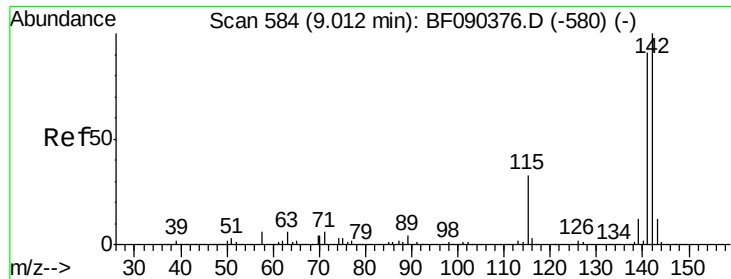
#36
 4-Chloro-3-methylphenol
 Concen: 51.45 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:107 Resp: 800058
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.8 29.8
 142 81.3 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

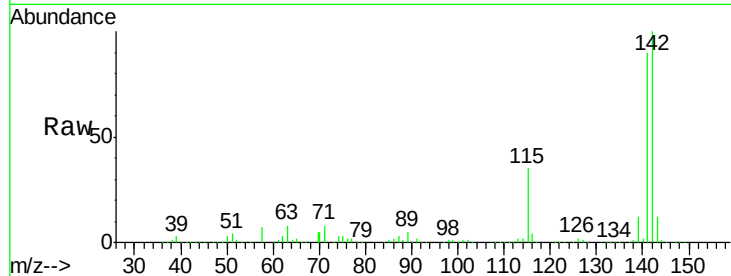




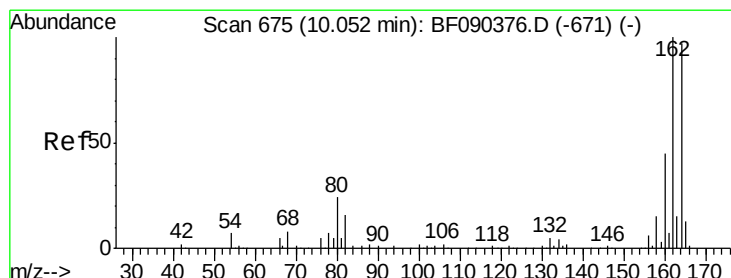
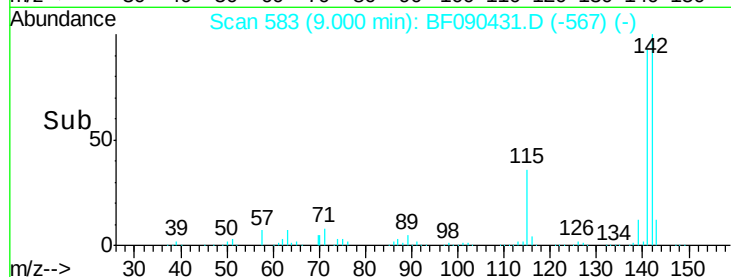
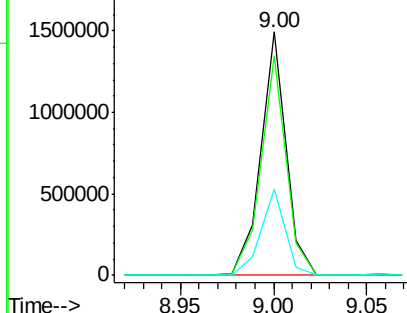
#37
 2-Methylnaphthalene
 Concen: 50.05 ng
 RT: 9.00 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:142 Resp: 1397584
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.8 107.8
 115 35.4 28.8 43.2

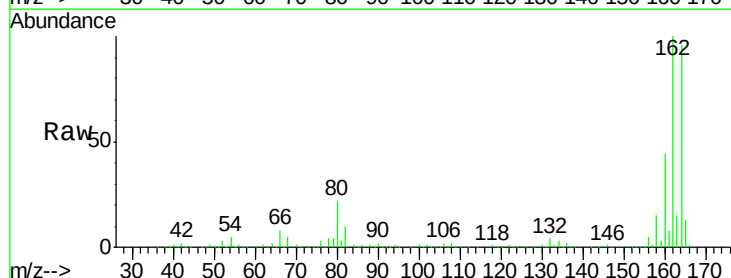


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

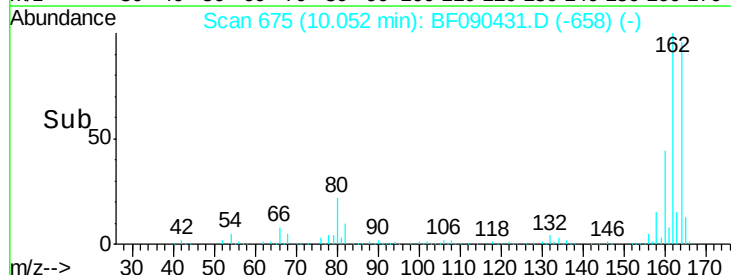
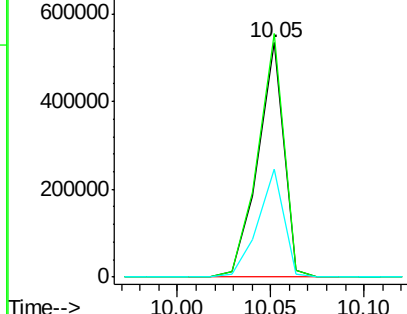


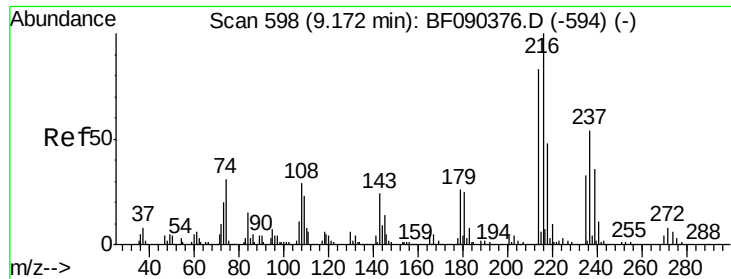
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:164 Resp: 512947
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.1 120.1
 160 45.9 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

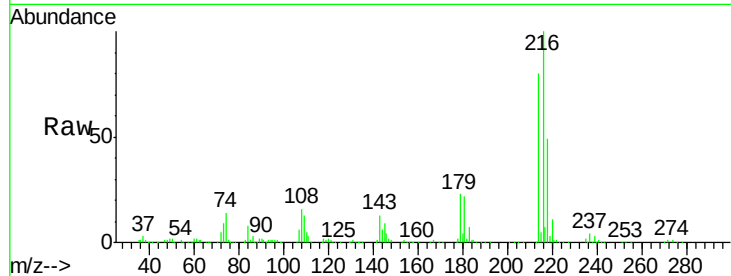




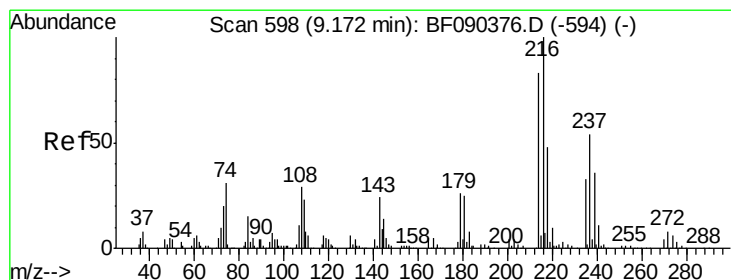
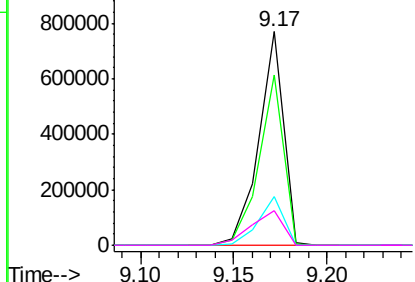
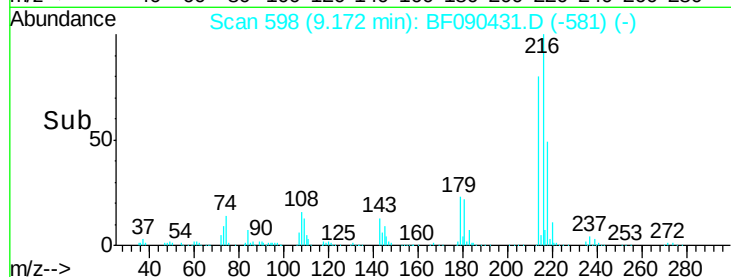
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.90 ng
RT: 9.17 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:	216	Resp:	701871
Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.2	96.2
179	23.2	18.0	27.0
108	21.6	15.2	22.8

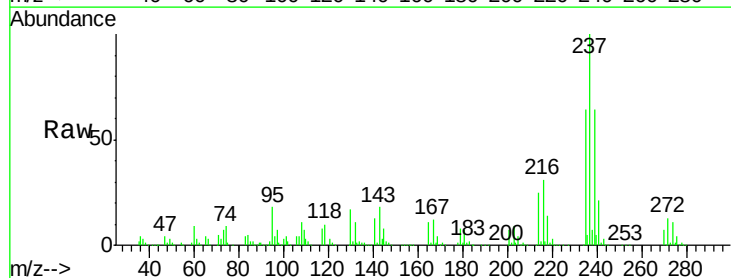


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

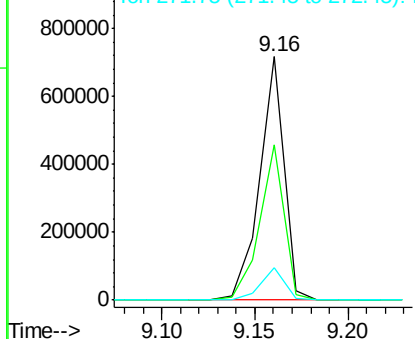
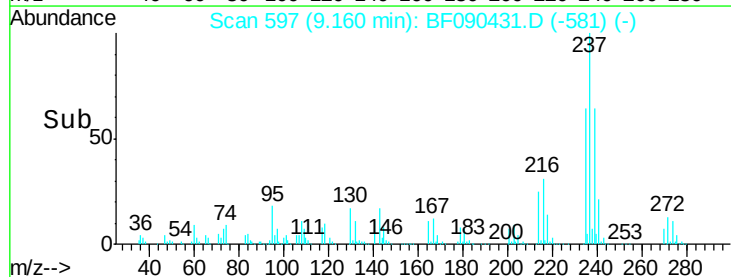


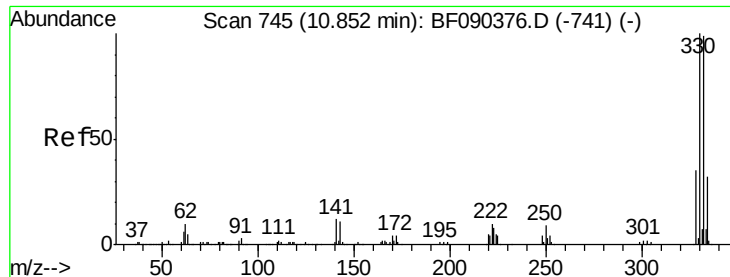
#40
Hexachlorocyclopentadiene
Concen: 87.16 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:	237	Resp:	646073
Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.6	83.6
272	13.1	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

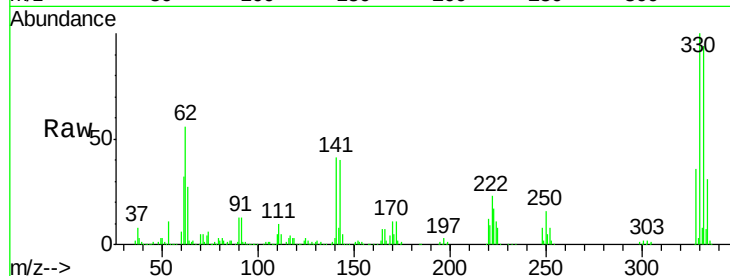




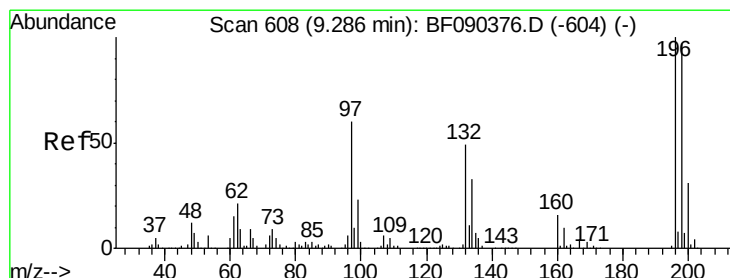
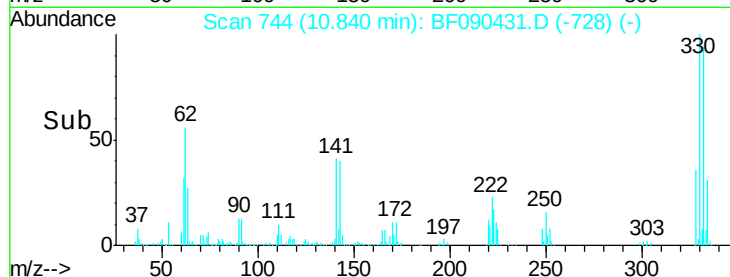
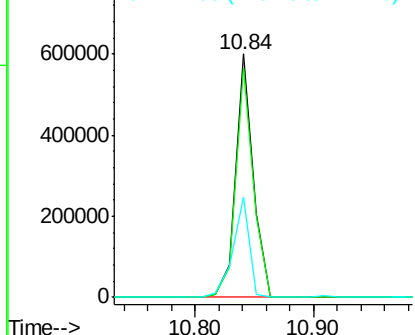
#41
 2,4,6-Tribromophenol
 Concen: 148.06 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:330 Resp: 617543
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 38.1 26.9 40.3

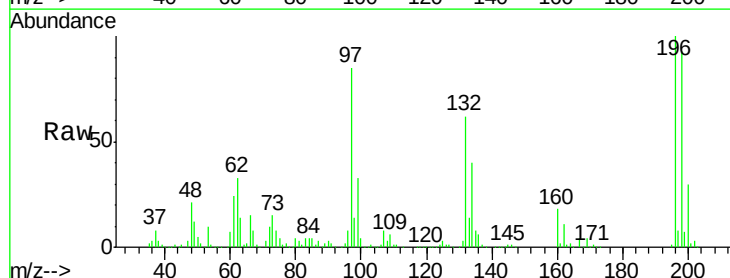


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

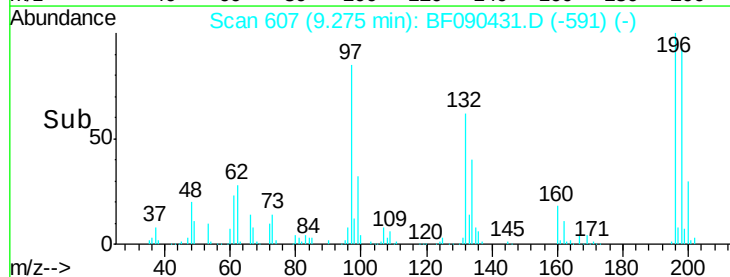
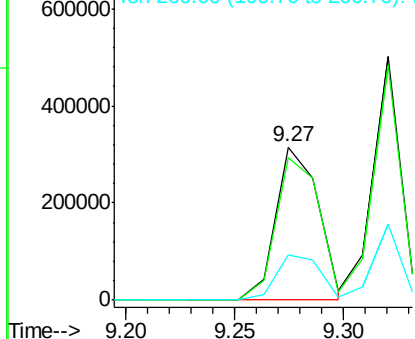


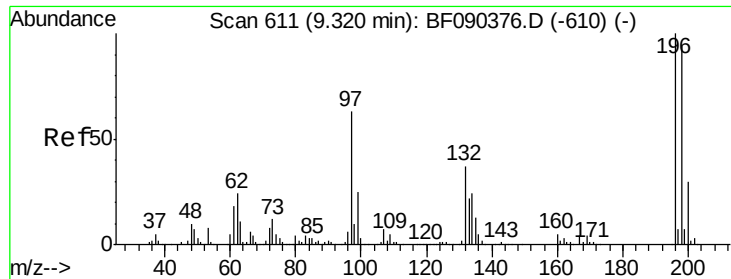
#42
 2,4,6-Trichlorophenol
 Concen: 46.22 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:196 Resp: 431355
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.9 118.3
 200 29.7 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

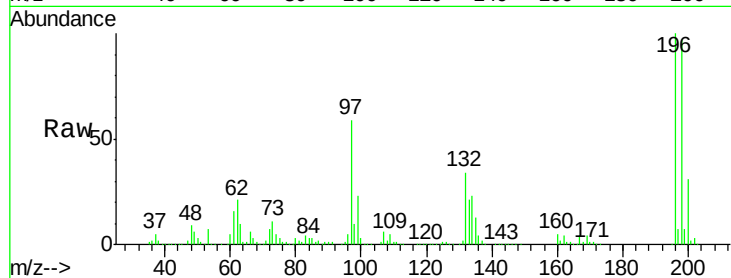




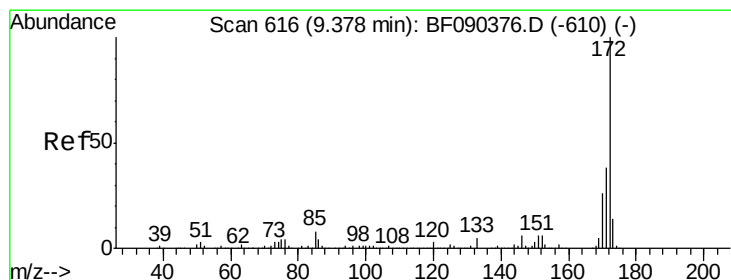
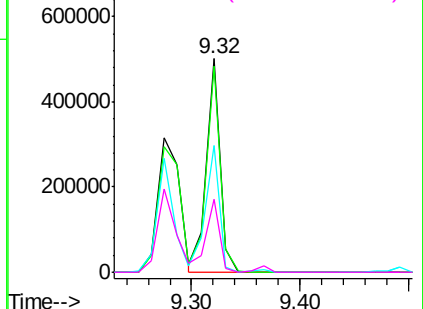
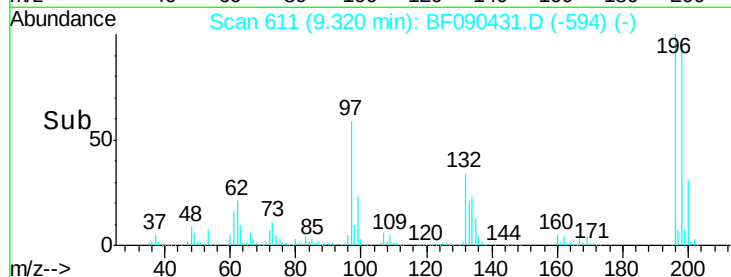
#43
 2,4,5-Trichlorophenol
 Concen: 50.63 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:196 Resp: 446734
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.1 117.1
 97 59.4 48.1 72.1
 132 34.1 27.4 41.2

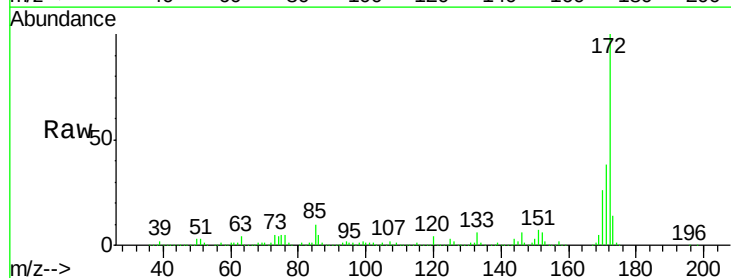


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

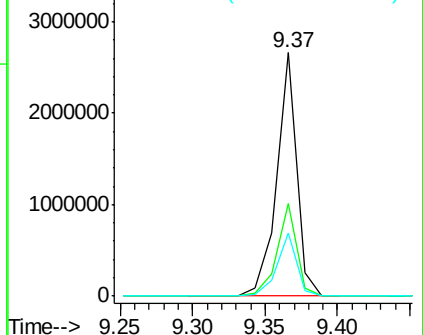
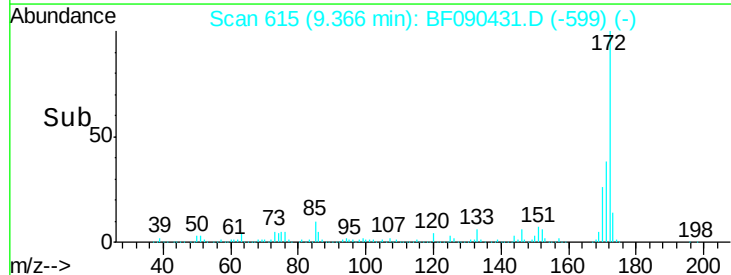


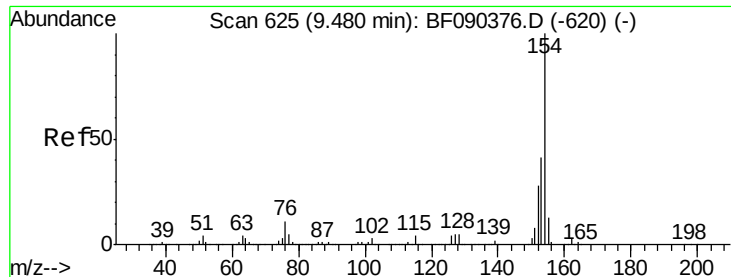
#44
 2-Fluorobiphenyl
 Concen: 82.28 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:172 Resp: 2533141
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.8 47.8
 170 26.1 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

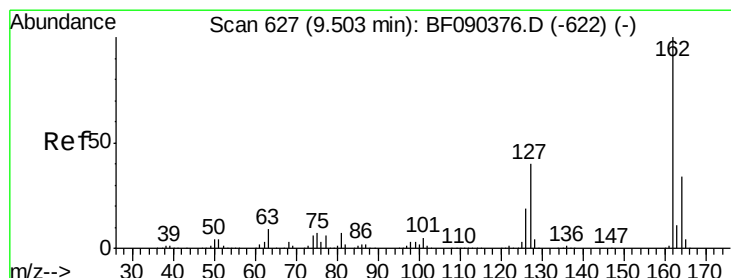
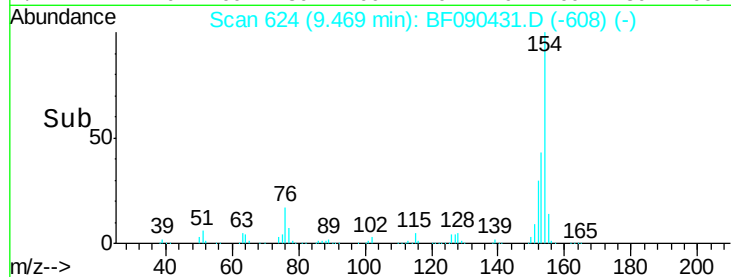
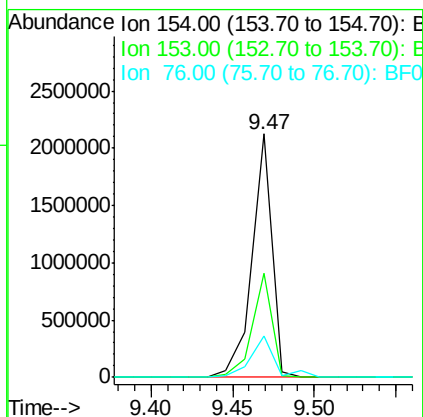
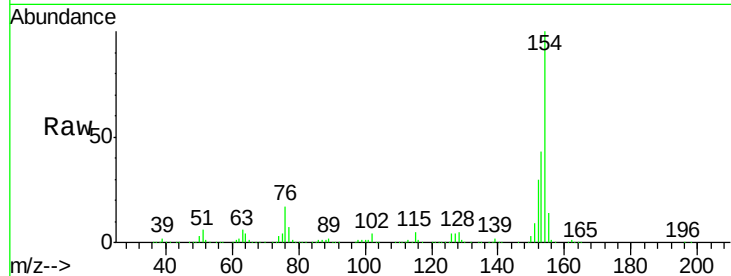




#45
 1,1'-Biphenyl
 Concen: 47.36 ng
 RT: 9.47 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

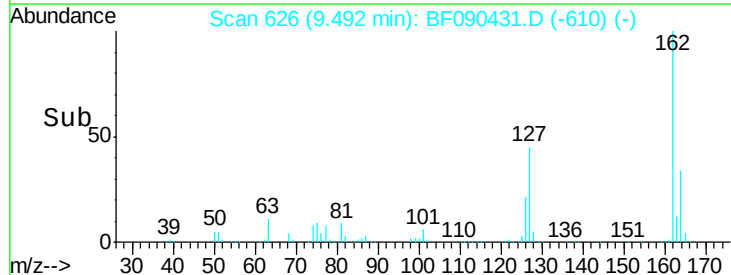
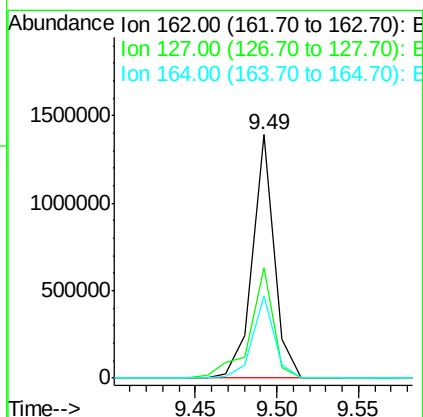
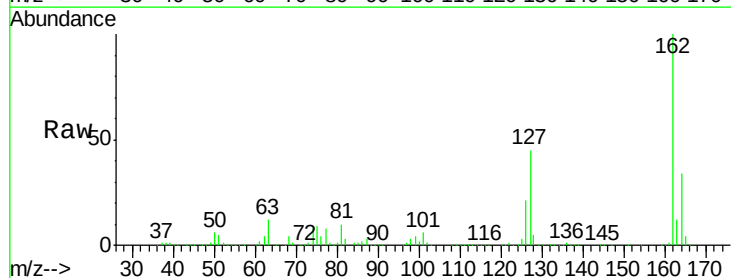
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

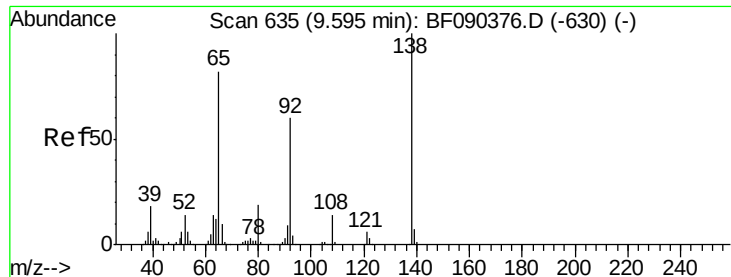
Tgt Ion:154 Resp: 1800301
 Ion Ratio Lower Upper
 154 100
 153 42.6 23.8 63.8
 76 16.9 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 46.10 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:162 Resp: 1294739
 Ion Ratio Lower Upper
 162 100
 127 45.3 35.6 53.4
 164 33.7 27.5 41.3





#47

2-Nitroaniline

Concen: 46.25 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

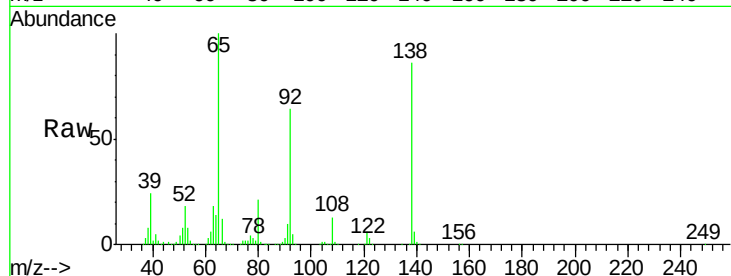
Tgt Ion: 65 Resp: 512494

Ion Ratio Lower Upper

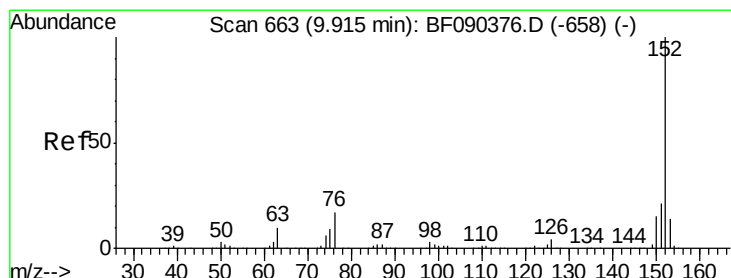
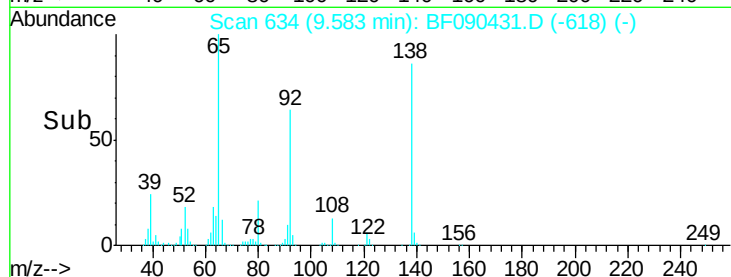
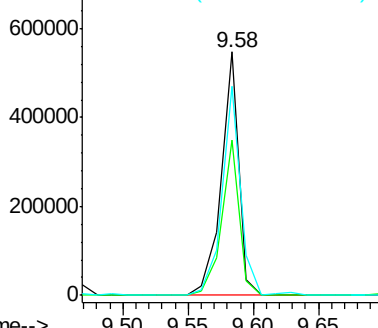
65 100

92 63.8 51.7 77.5

138 86.1 79.0 118.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 47.93 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

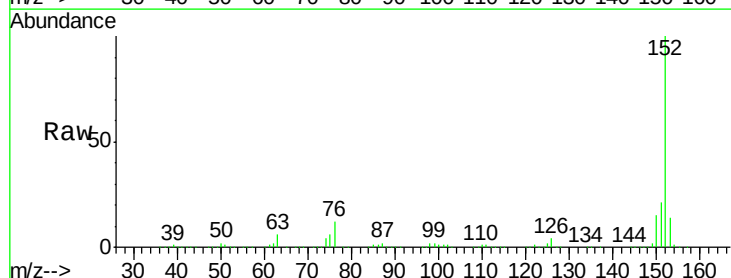
Tgt Ion: 152 Resp: 2221005

Ion Ratio Lower Upper

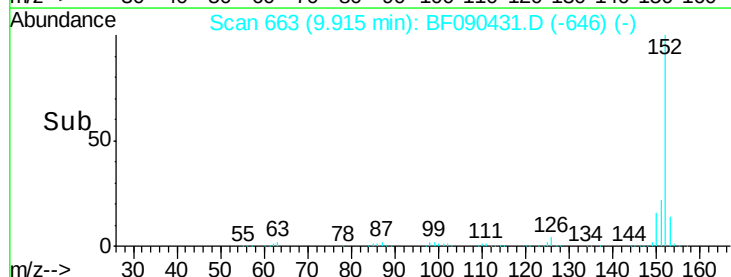
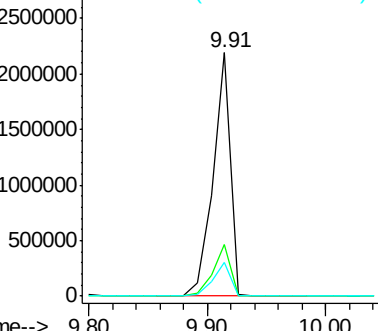
152 100

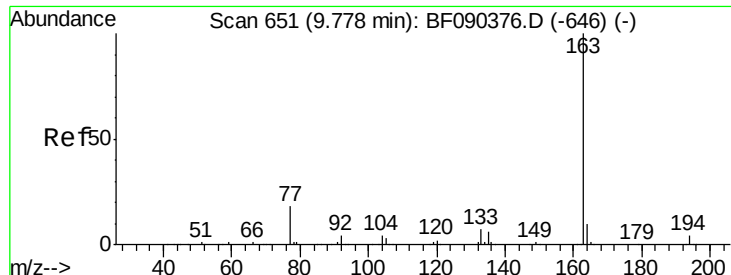
151 21.5 17.4 26.0

153 14.0 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

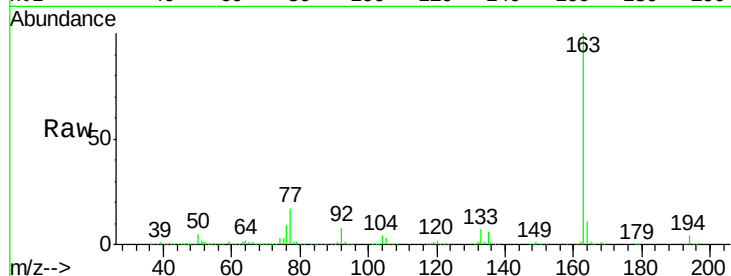




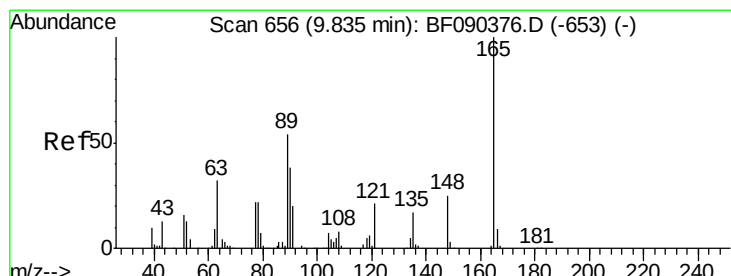
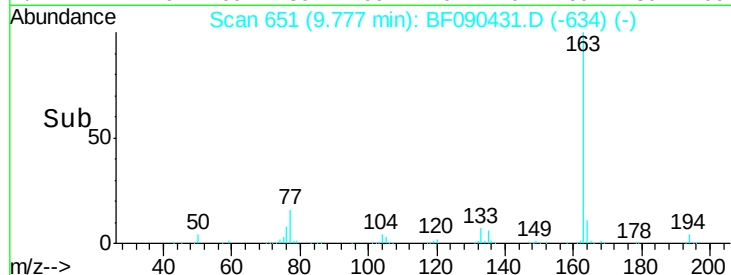
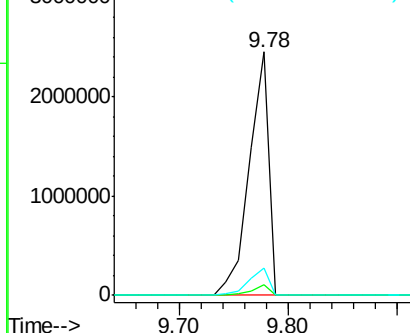
#49
Dimethylphthalate
Concen: 92.67 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:163 Resp: 3044307
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 11.0 9.0 13.4

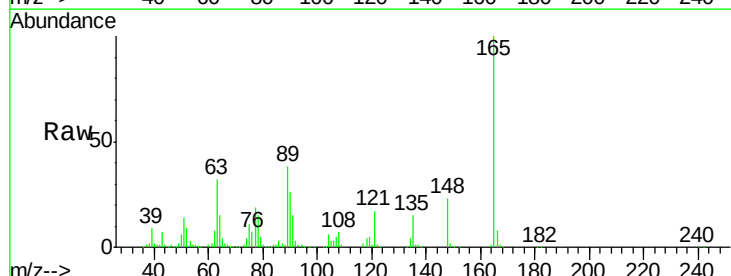


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

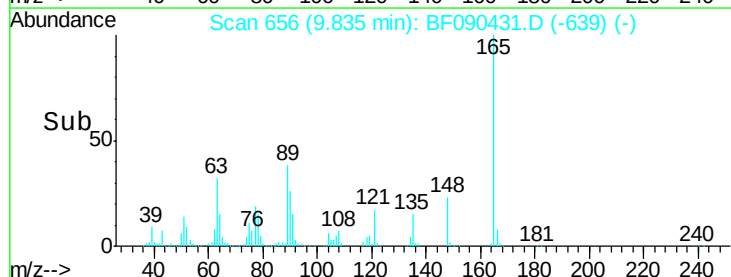
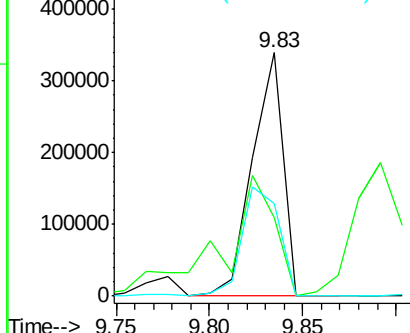


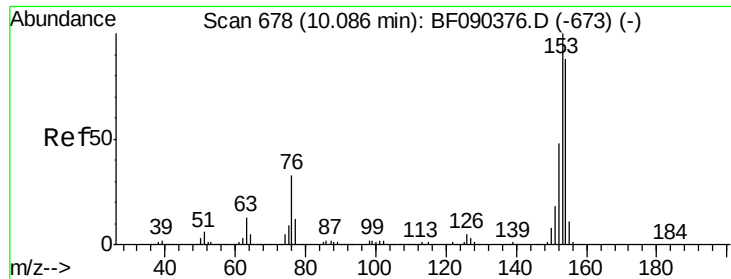
#50
2,6-Dinitrotoluene
Concen: 52.74 ng
RT: 9.83 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:165 Resp: 384644
Ion Ratio Lower Upper
165 100
63 32.4 58.0 87.0#
89 37.8 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: 50.21 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

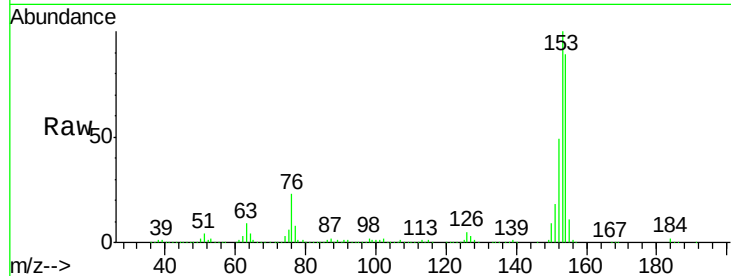
Tgt Ion:154 Resp: 1450733

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

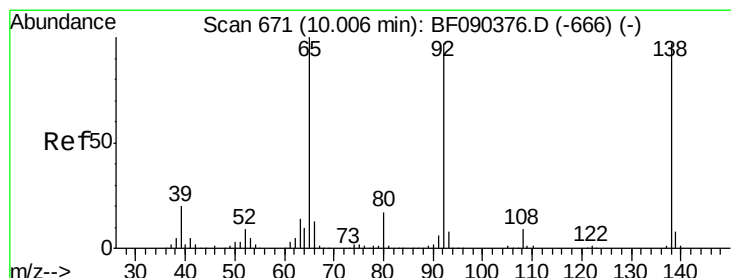
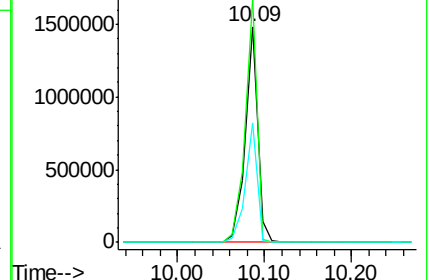
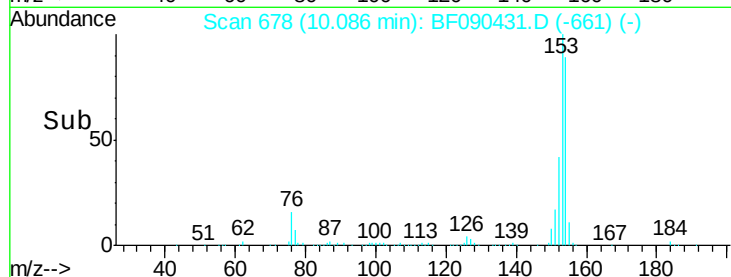
152 55.2 42.6 64.0



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: 33.47 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

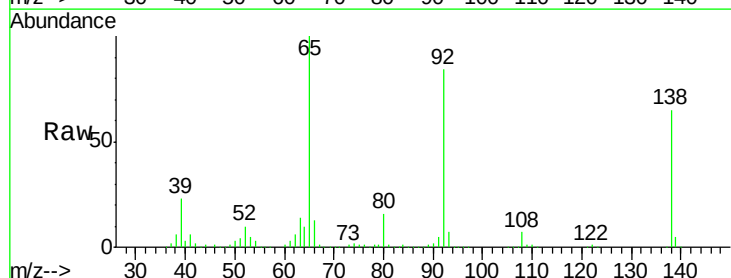
Tgt Ion:138 Resp: 285174

Ion Ratio Lower Upper

138 100

108 10.7 9.7 14.5

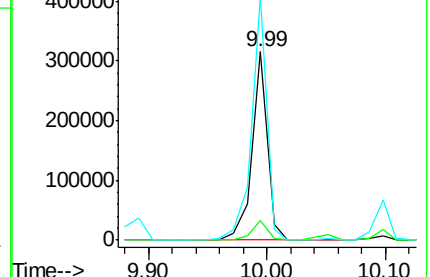
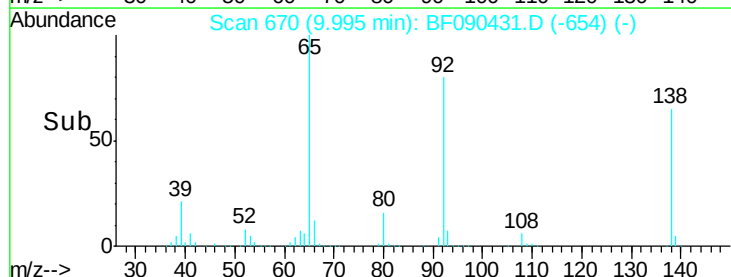
92 129.4 97.1 145.7

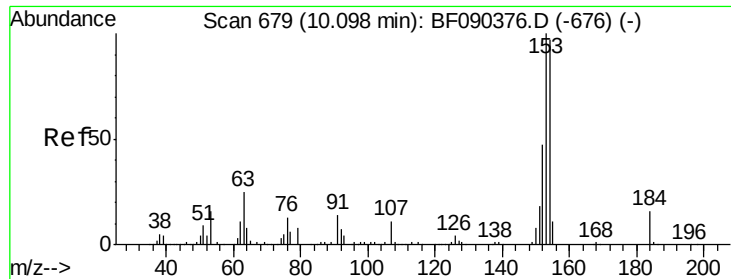


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

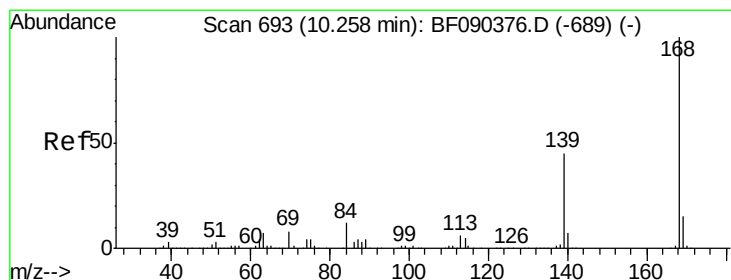
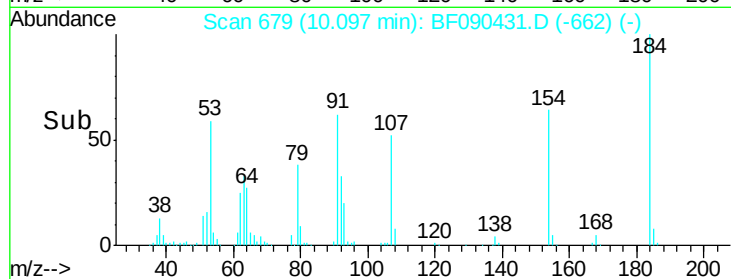
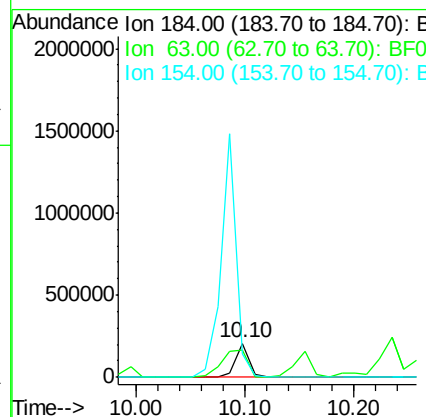
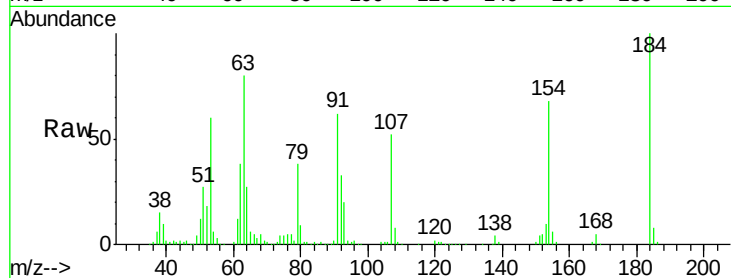




#53
2,4-Dinitrophenol
Concen: 55.14 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

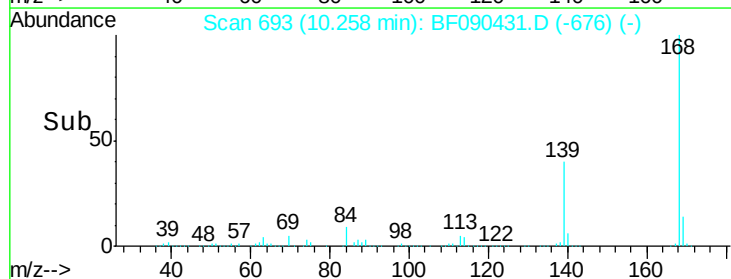
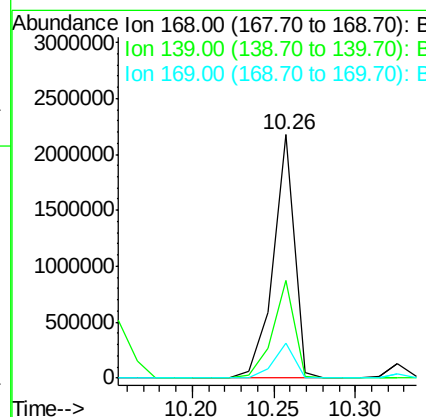
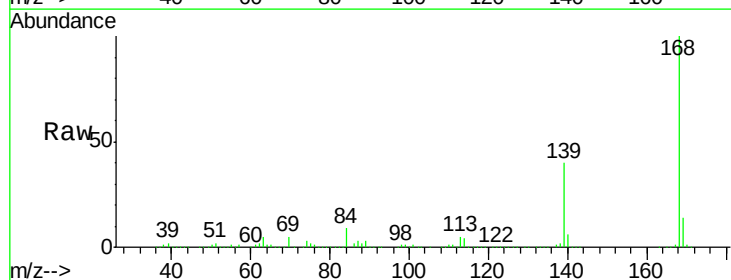
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

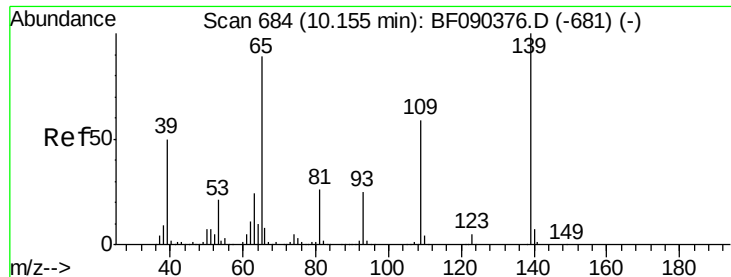
Tgt Ion:184 Resp: 179319
Ion Ratio Lower Upper
184 100
63 80.4 41.9 62.9#
154 67.6 48.9 73.3



#54
Dibenzofuran
Concen: 52.69 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:168 Resp: 1970279
Ion Ratio Lower Upper
168 100
139 40.3 29.6 44.4
169 14.3 11.3 16.9

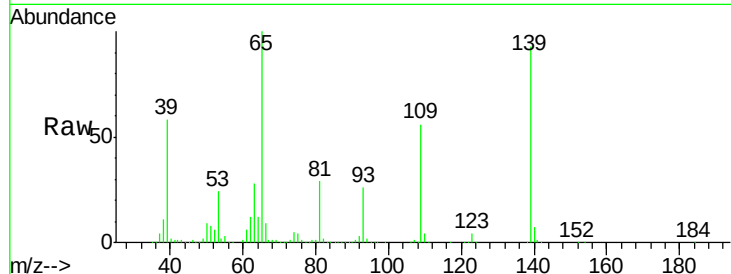




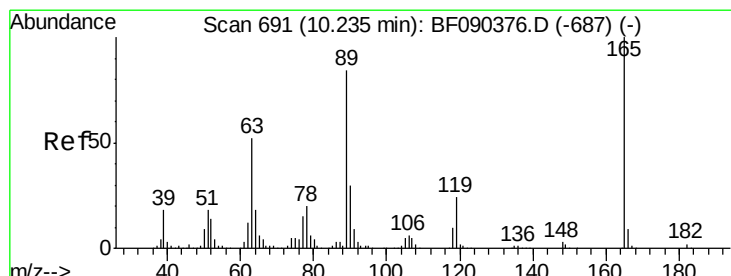
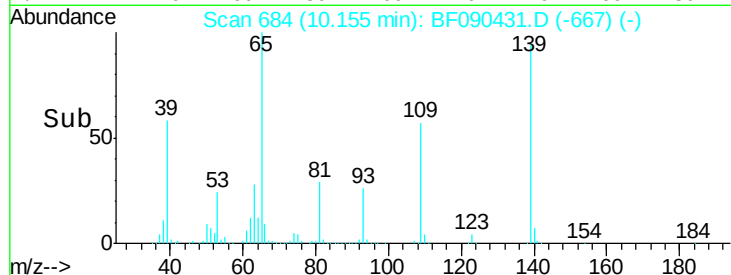
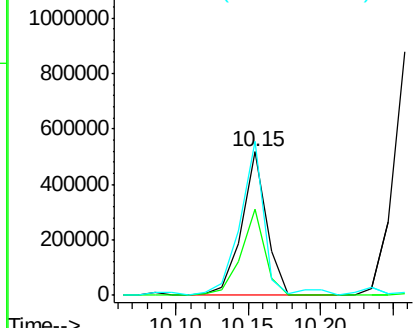
#55
4-Nitrophenol
Concen: 82.88 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:139 Resp: 617819
Ion Ratio Lower Upper
139 100
109 60.4 43.6 83.6
65 107.2 87.5 127.5

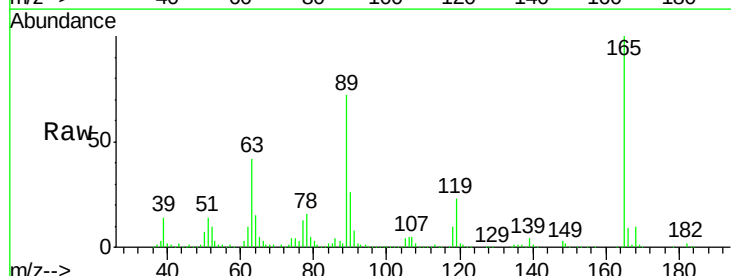


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

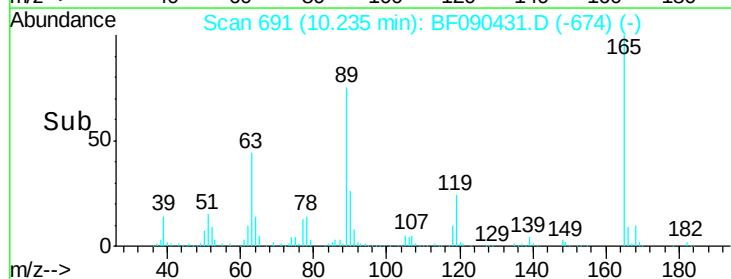
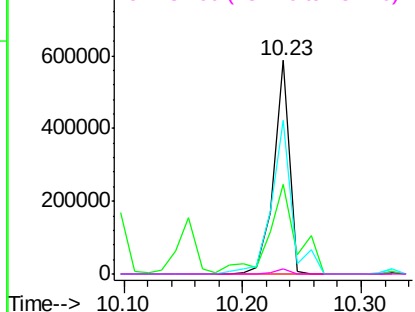


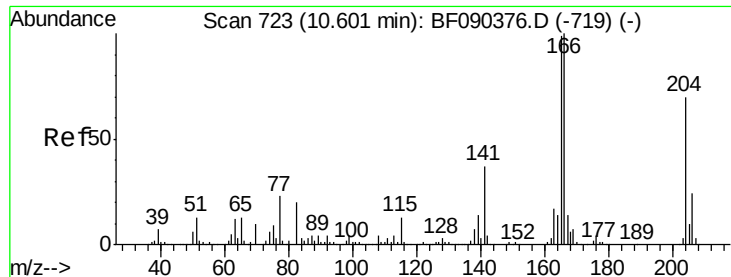
#56
2,4-Dinitrotoluene
Concen: 55.68 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:165 Resp: 540427
Ion Ratio Lower Upper
165 100
63 42.1 17.8 26.6#
89 71.9 33.2 49.8#
182 2.3 2.1 3.1



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
Ion 182.00 (181.70 to 182.70): E

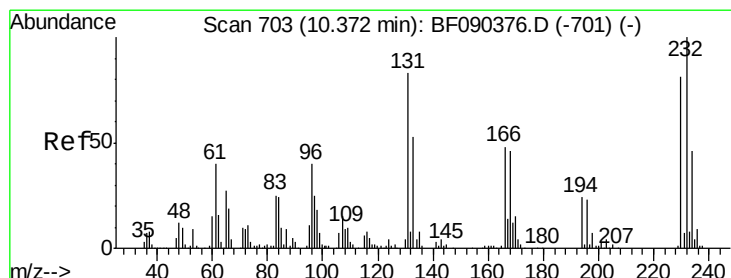
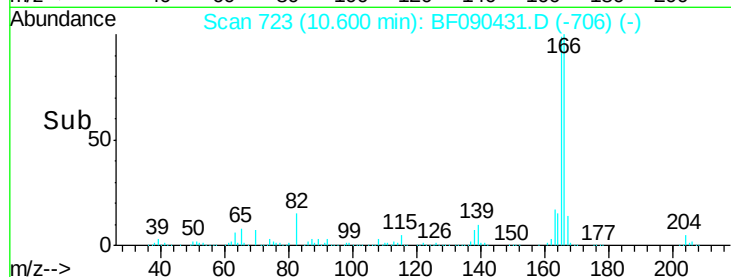
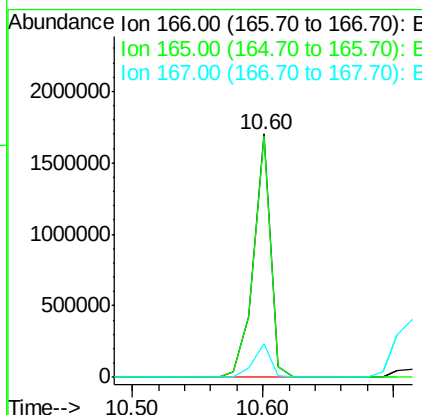
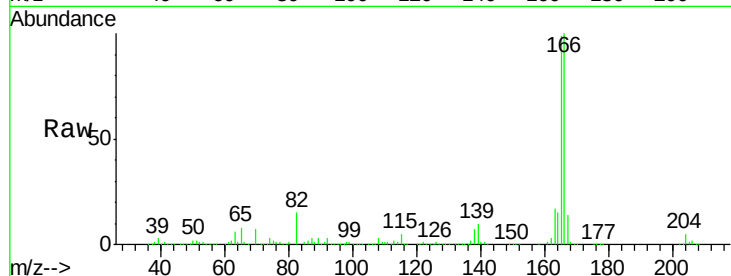




#57
Fluorene
 Concen: 49.05 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

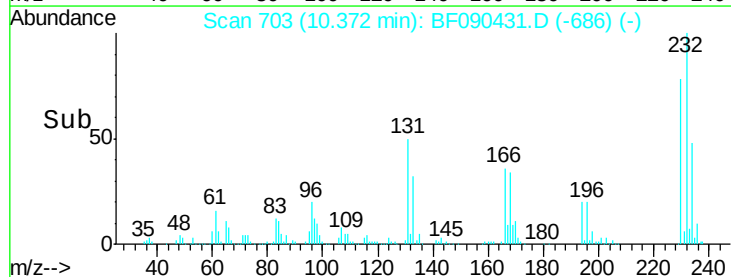
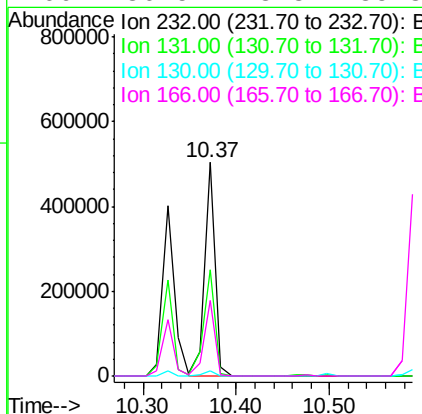
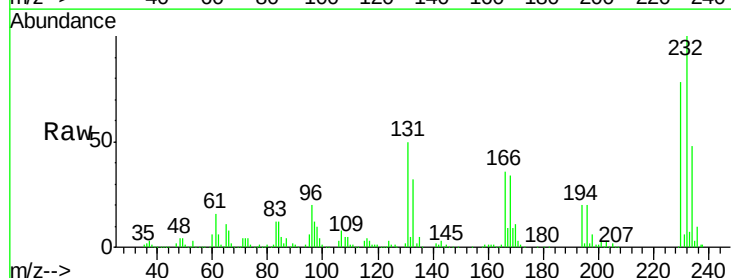
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

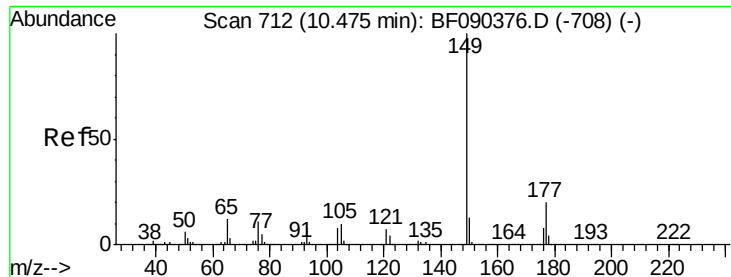
Tgt Ion:166 Resp: 1541539
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.2 118.8
 167 14.1 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 61.18 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:232 Resp: 403199
 Ion Ratio Lower Upper
 232 100
 131 53.2 34.5 51.7#
 130 2.4 1.6 2.4
 166 36.5 23.8 35.8#

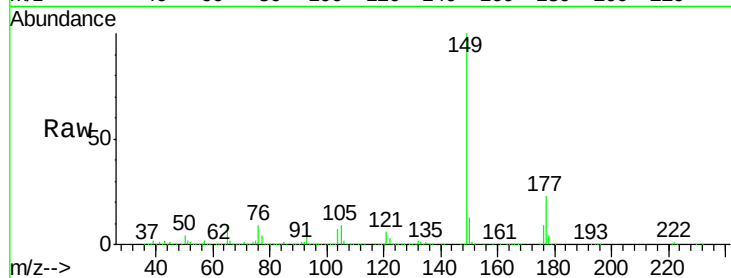




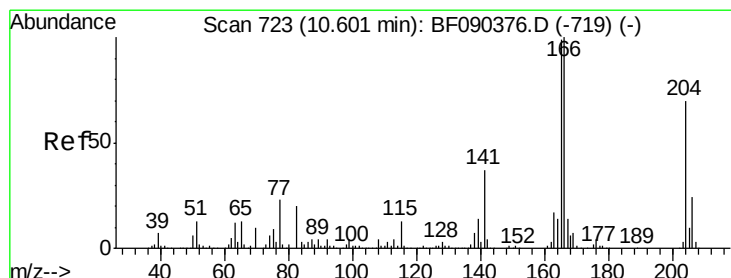
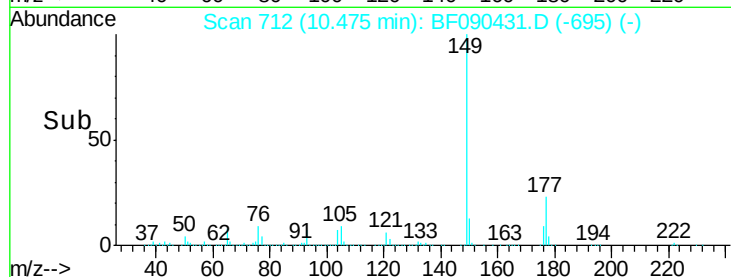
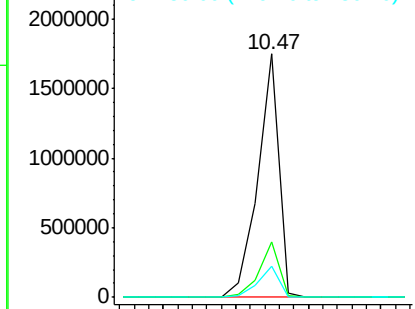
#59
Diethylphthalate
Concen: 51.78 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:149 Resp: 1760082
Ion Ratio Lower Upper
149 100
177 23.0 21.1 31.7
150 12.9 10.2 15.2

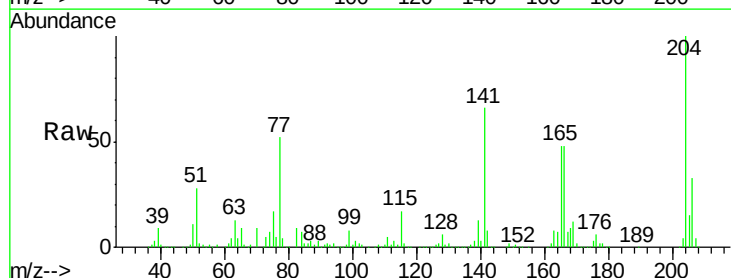


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

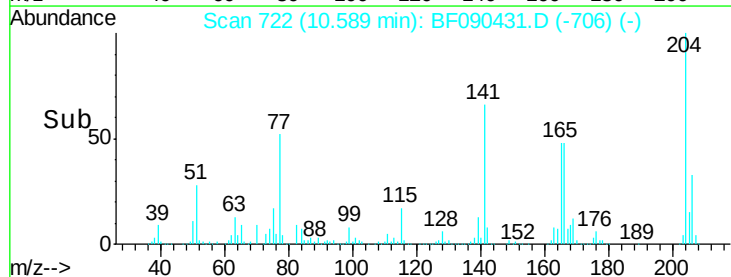
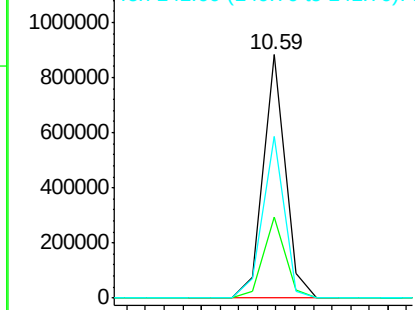


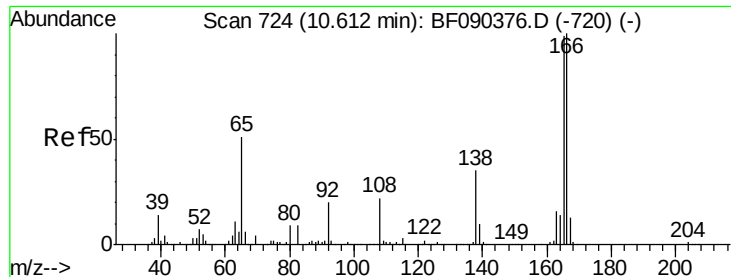
#60
4-Chlorophenyl-phenylether
Concen: 50.21 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:204 Resp: 717532
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 66.3 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

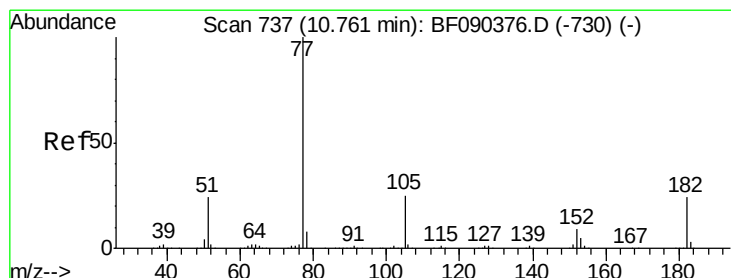
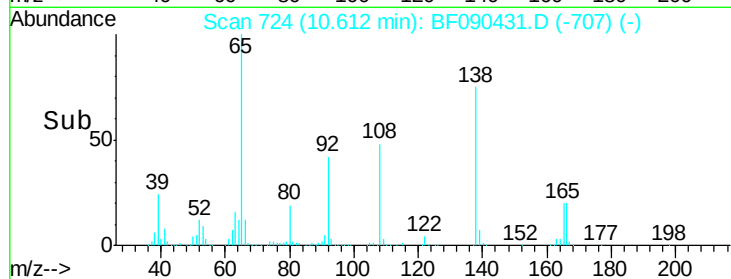
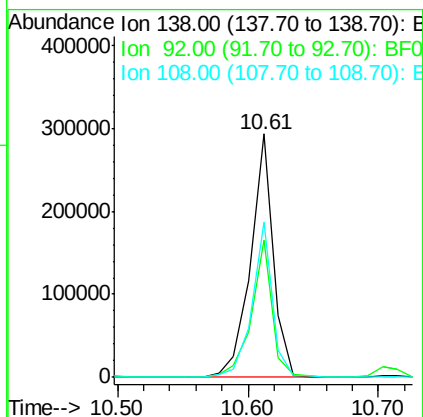
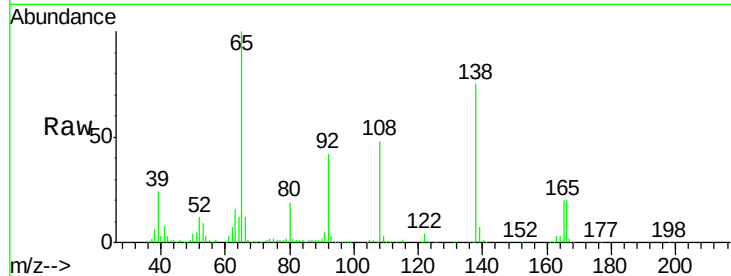




#61
4-Nitroaniline
Concen: 41.31 ng
RT: 10.61 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

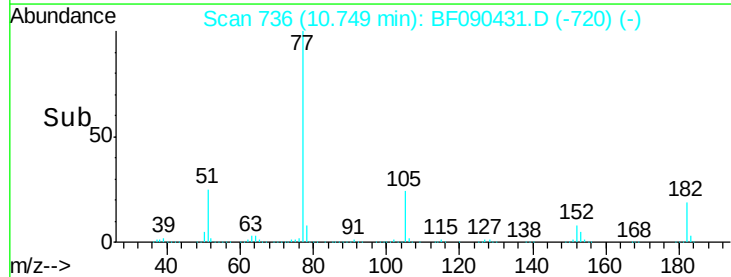
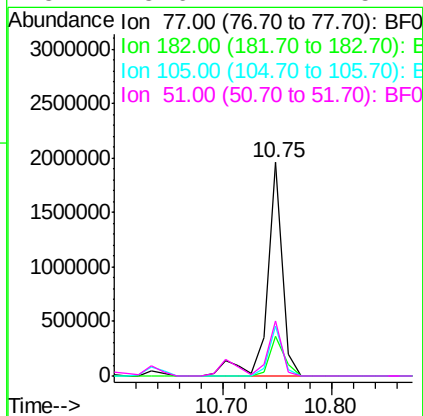
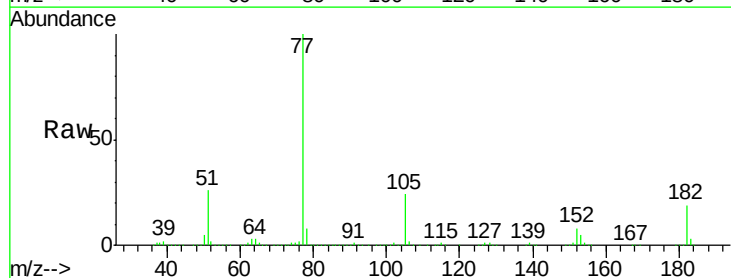
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

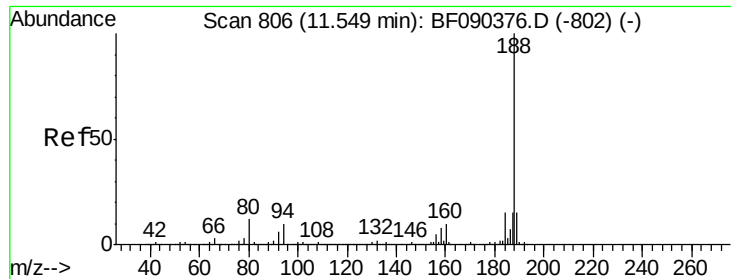
Tgt Ion:138 Resp: 354599
Ion Ratio Lower Upper
138 100
92 56.5 33.2 73.2
108 63.8 48.5 88.5



#62
Azobenzene
Concen: 48.69 ng
RT: 10.75 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion: 77 Resp: 1911689
Ion Ratio Lower Upper
77 100
182 18.8 3.2 43.2
105 23.7 2.9 42.9
51 25.6 14.2 54.2

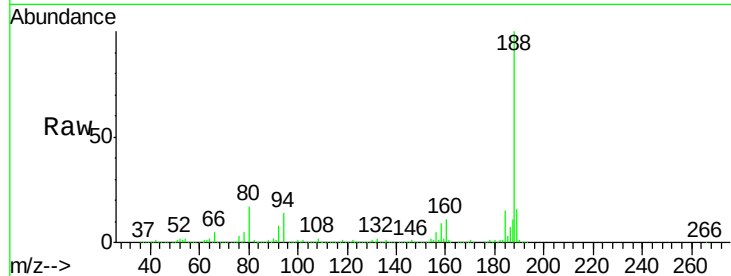




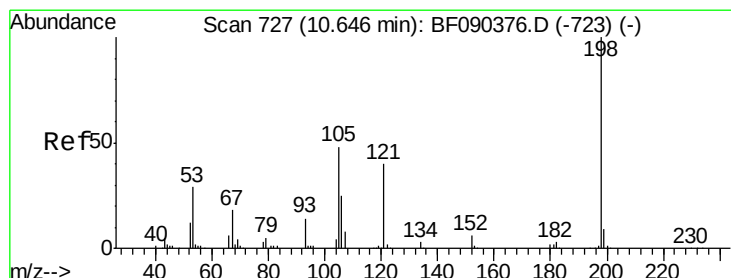
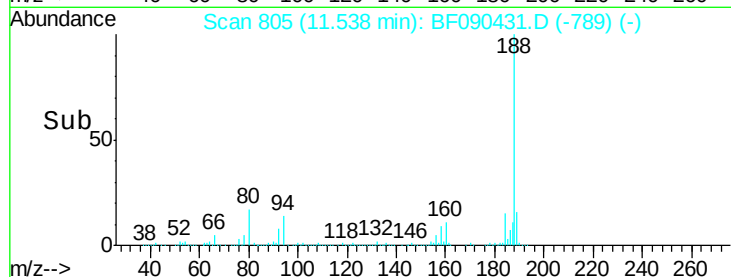
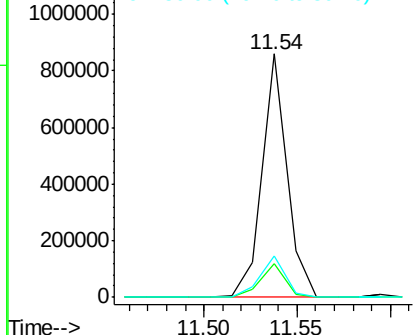
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:188 Resp: 791241
Ion Ratio Lower Upper
188 100
94 13.6 8.2 12.2#
80 16.8 8.8 13.2#

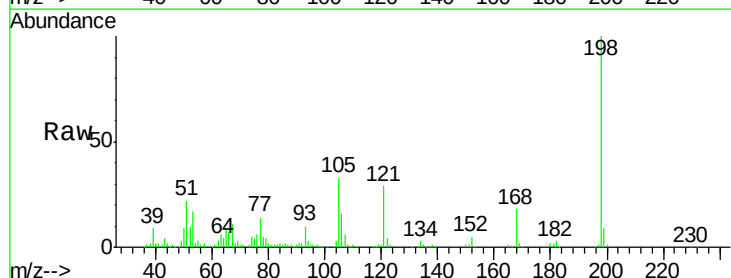


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

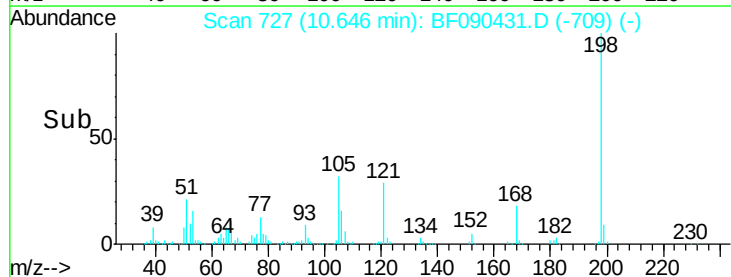
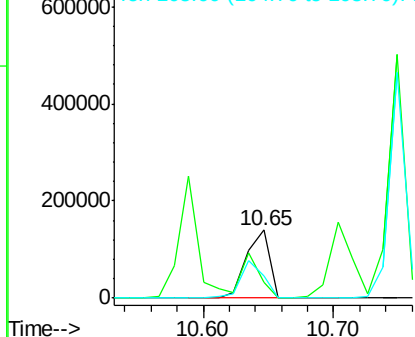


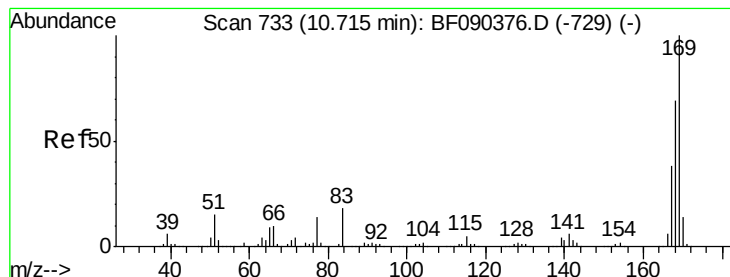
#64
4,6-Dinitro-2-methylphenol
Concen: 34.29 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:198 Resp: 173819
Ion Ratio Lower Upper
198 100
51 22.3 67.3 107.3#
105 32.7 42.6 82.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

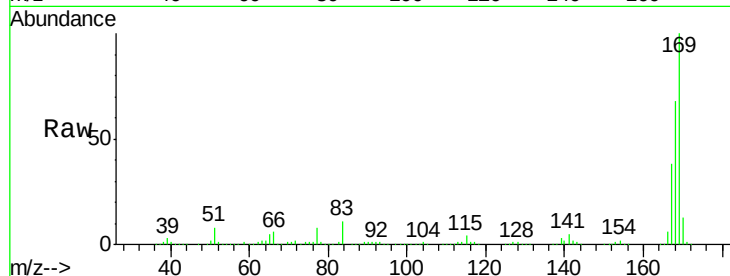




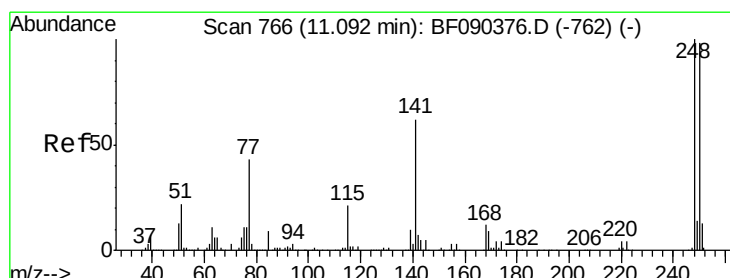
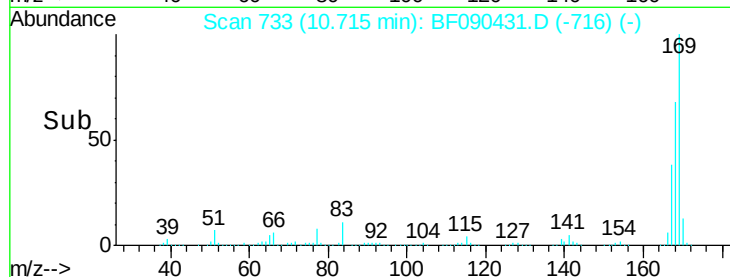
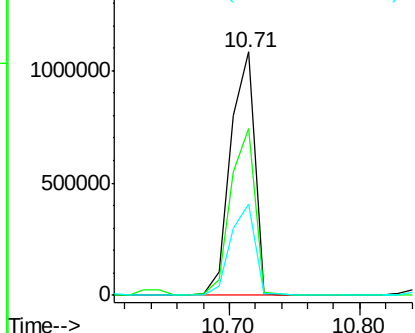
#65
 n-Nitrosodiphenylamine
 Concen: 51.90 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion:169 Resp: 1376106
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.8 80.6
 167 37.6 29.8 44.8

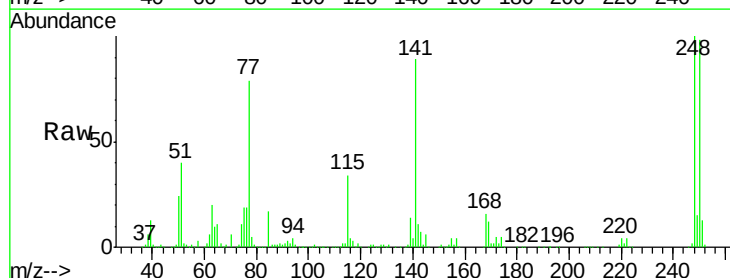


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

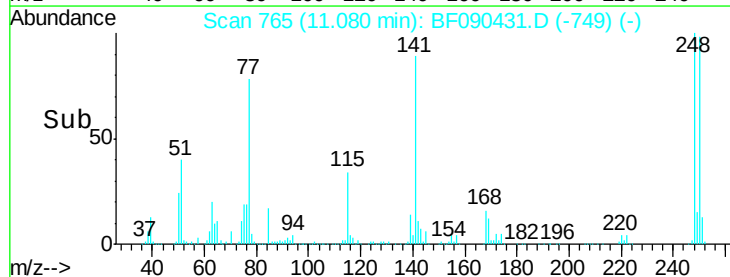
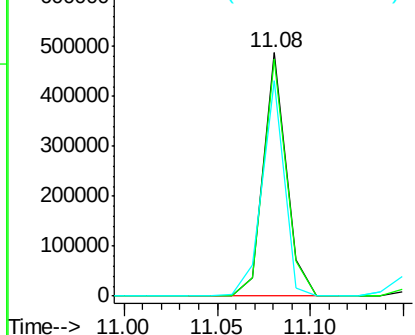


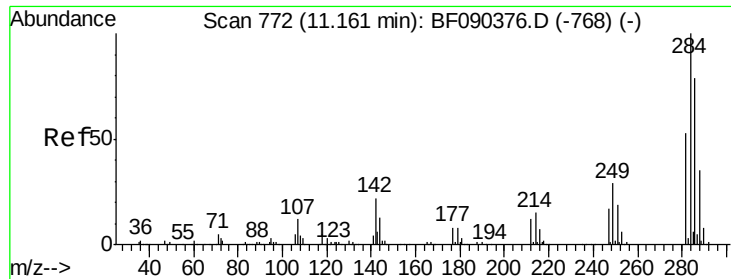
#66
 4-Bromophenyl-phenylether
 Concen: 52.93 ng
 RT: 11.08 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:248 Resp: 410505
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.5 114.7
 141 88.6 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

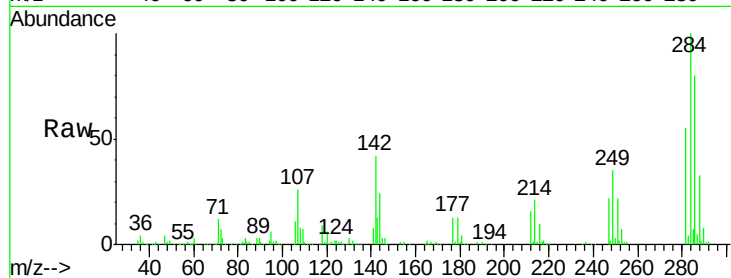




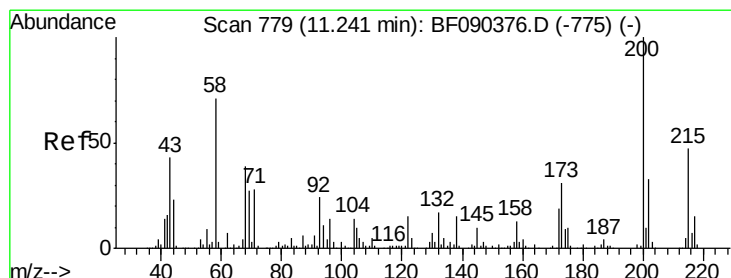
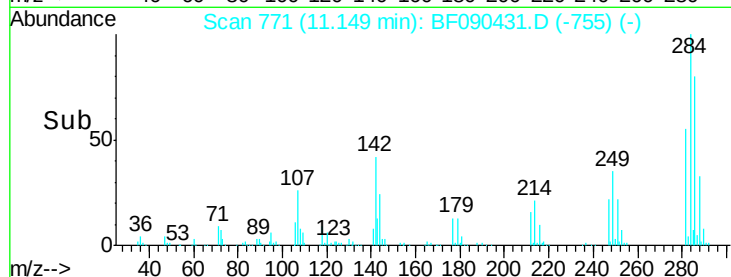
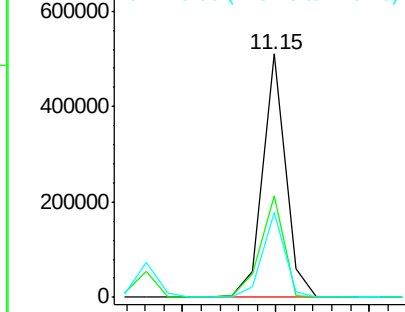
#67
Hexachlorobenzene
Concen: 49.78 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

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

Tgt Ion:284 Resp: 429976
Ion Ratio Lower Upper
284 100
142 41.9 23.1 34.7#
249 34.8 26.3 39.5

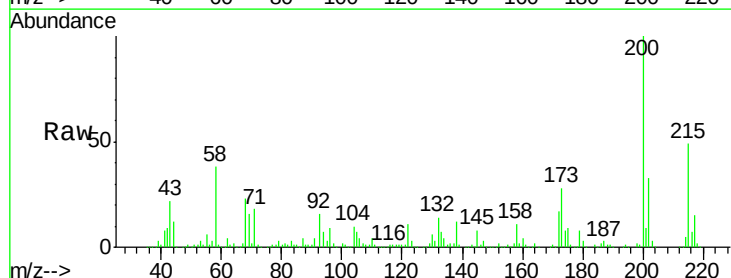


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

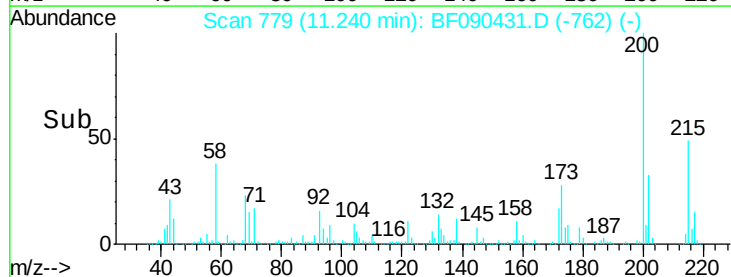
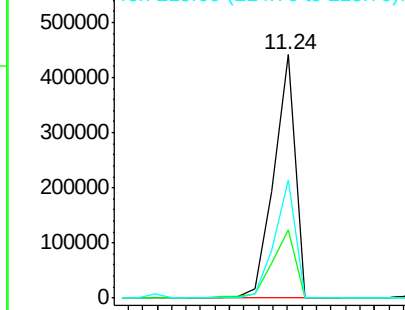


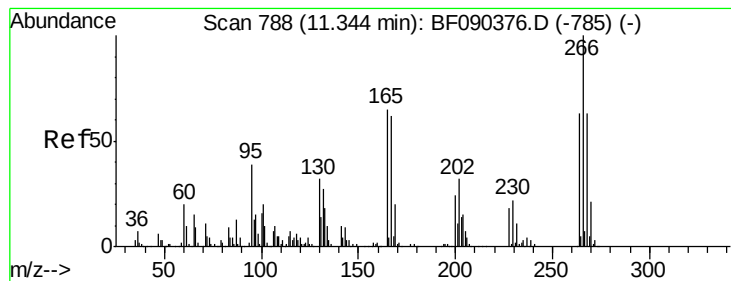
#68
Atrazine
Concen: 69.03 ng
RT: 11.24 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:200 Resp: 451310
Ion Ratio Lower Upper
200 100
173 27.8 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: 109.36 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

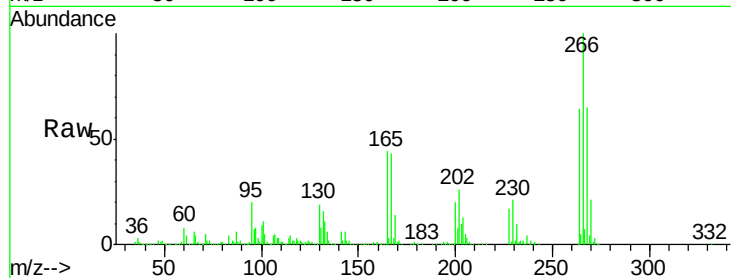
Tgt Ion:266 Resp: 562280

Ion Ratio Lower Upper

266 100

268 64.7 50.9 76.3

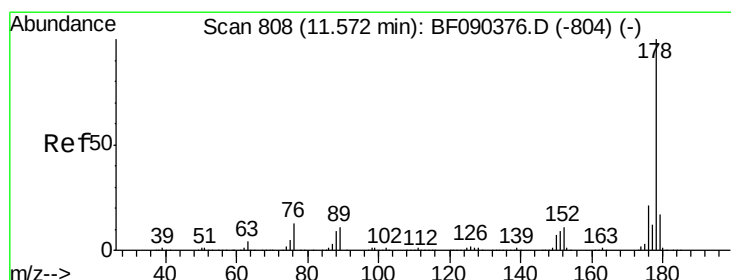
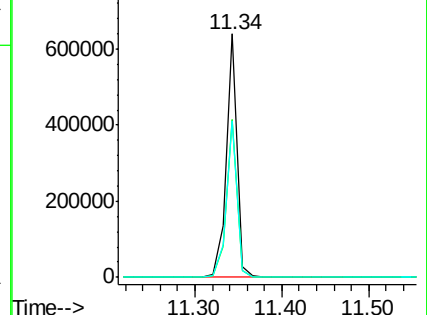
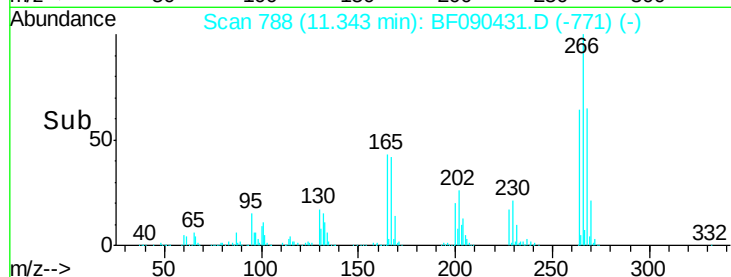
264 64.4 51.5 77.3



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: 48.75 ng

RT: 11.56 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

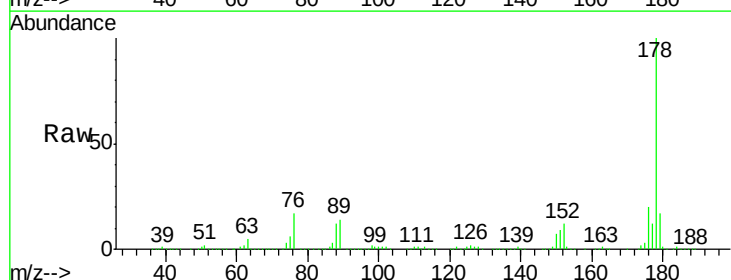
Tgt Ion:178 Resp: 1975055

Ion Ratio Lower Upper

178 100

176 20.3 17.3 25.9

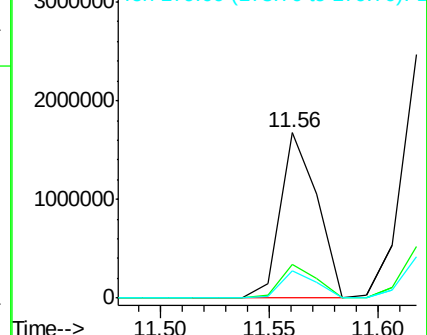
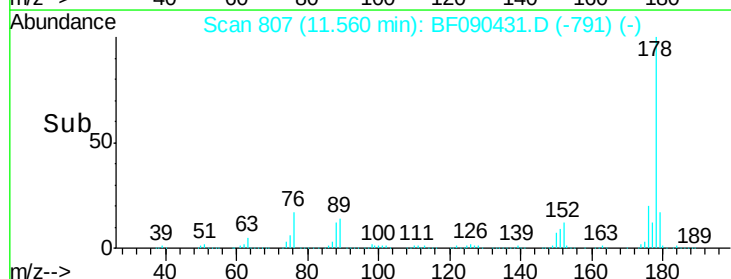
179 16.7 13.8 20.6

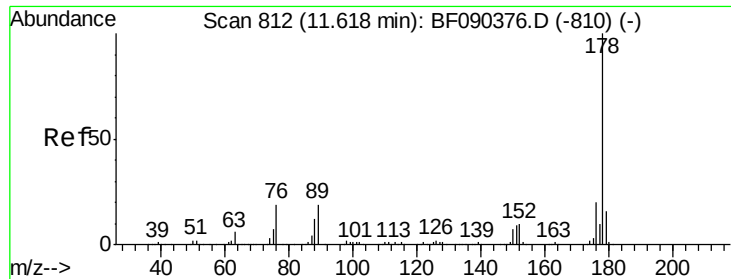


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

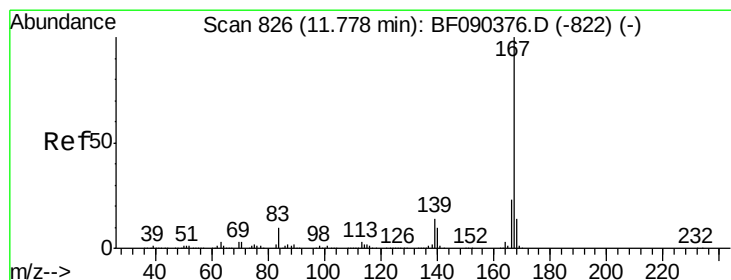
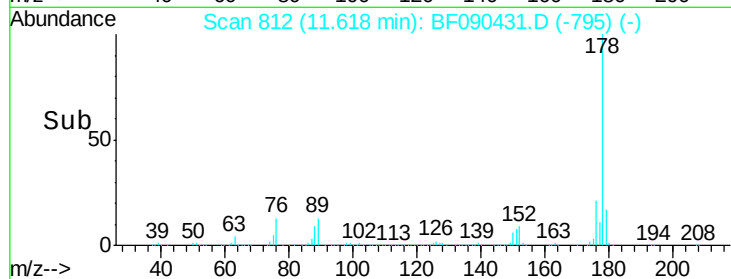
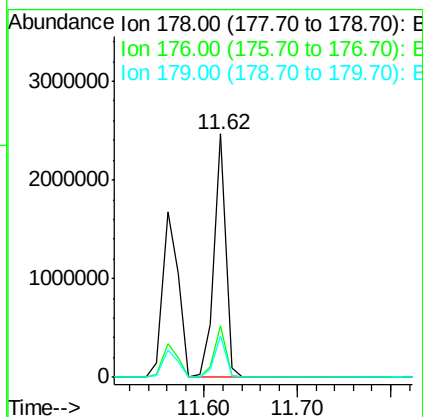
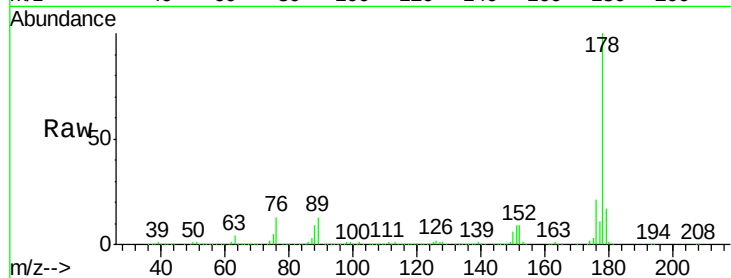




#71
 Anthracene
 Concen: 52.05 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

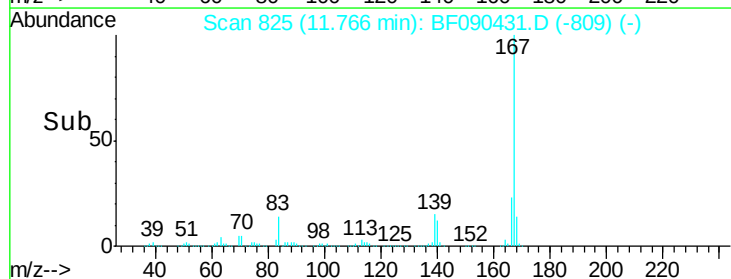
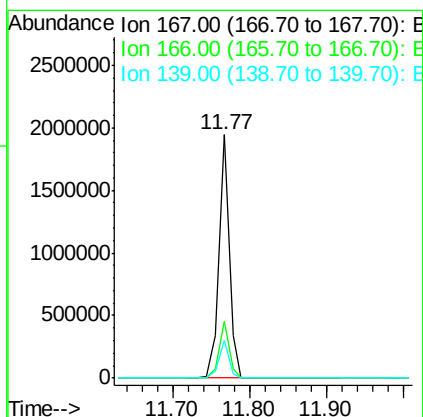
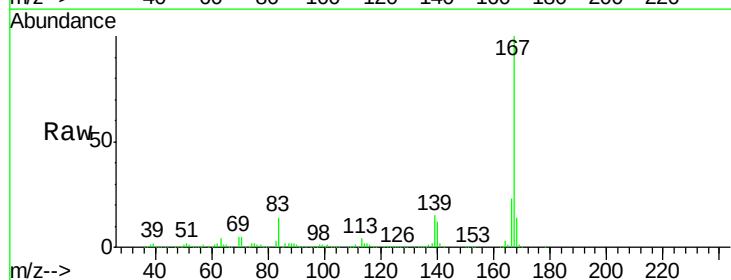
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

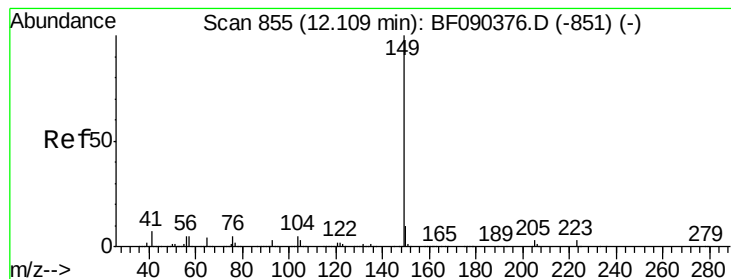
Tgt Ion:178 Resp: 2153727
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.8 25.2
 179 17.1 13.4 20.2



#72
 Carbazole
 Concen: 47.51 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion:167 Resp: 1826252
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.1 28.7
 139 15.5 12.1 18.1





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

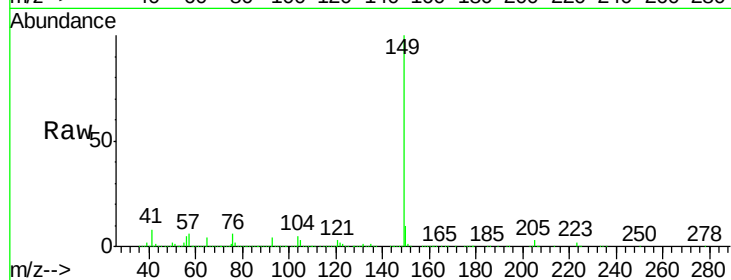
Tgt Ion:149 Resp: 2261129

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

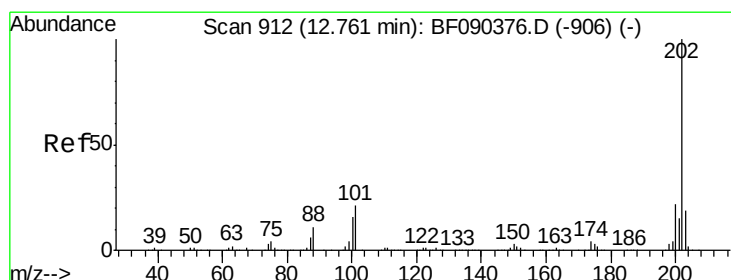
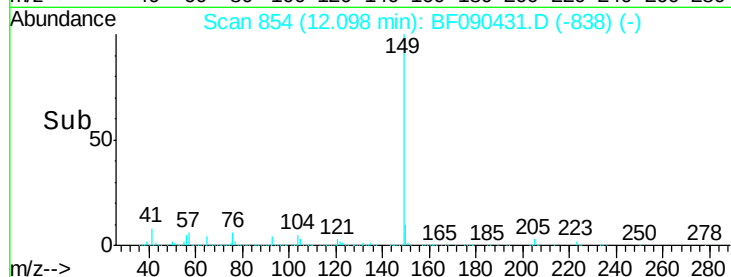
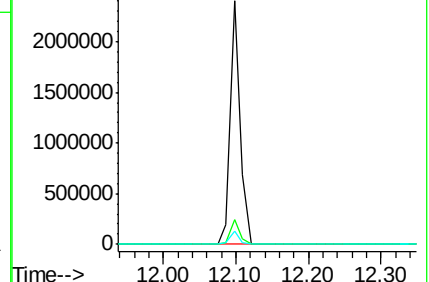
104 5.5 4.7 7.1



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: 52.76 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

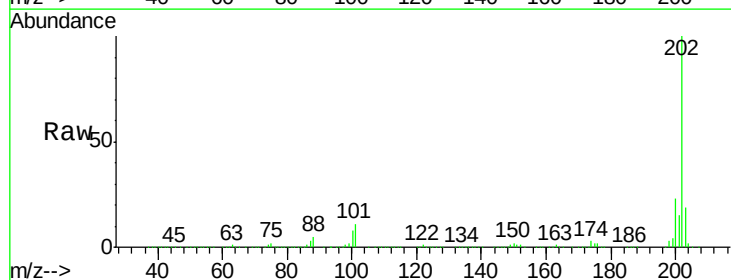
Tgt Ion:202 Resp: 2096784

Ion Ratio Lower Upper

202 100

101 10.7 0.0 37.2

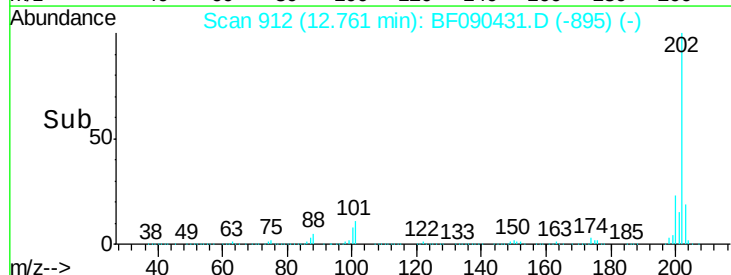
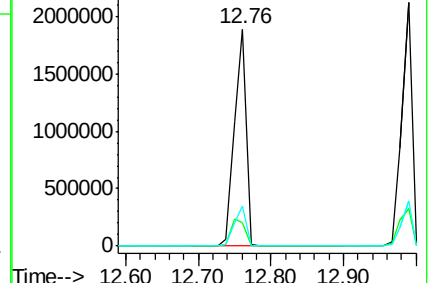
203 18.7 0.0 39.3

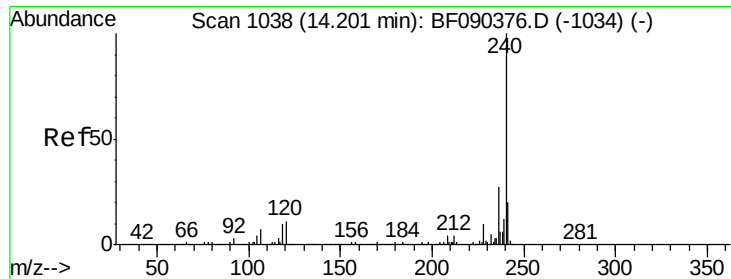


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

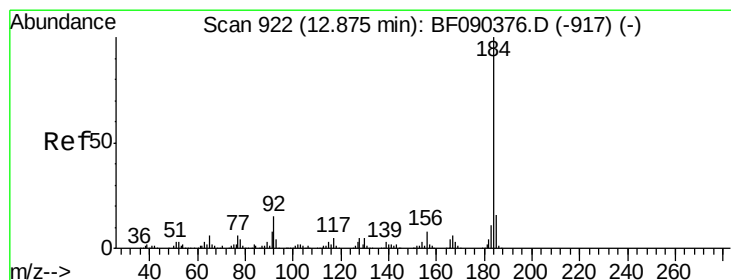
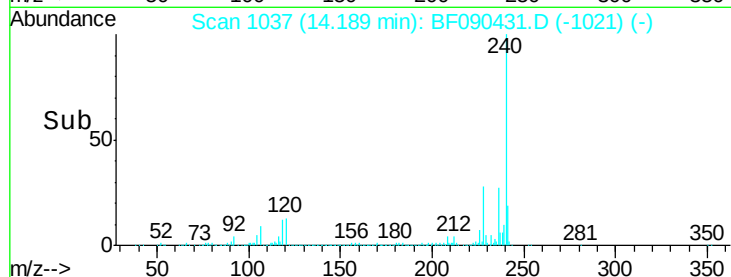
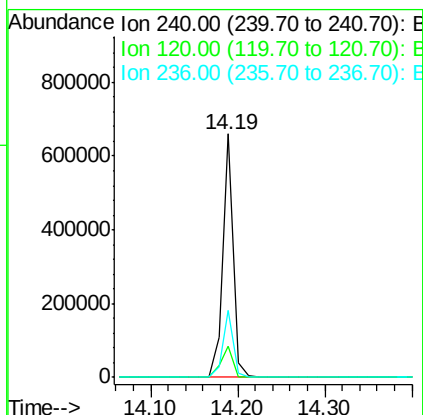
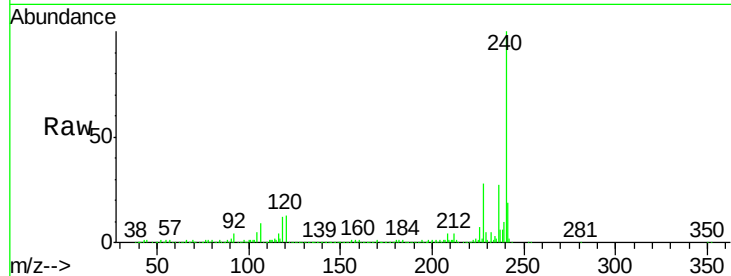




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

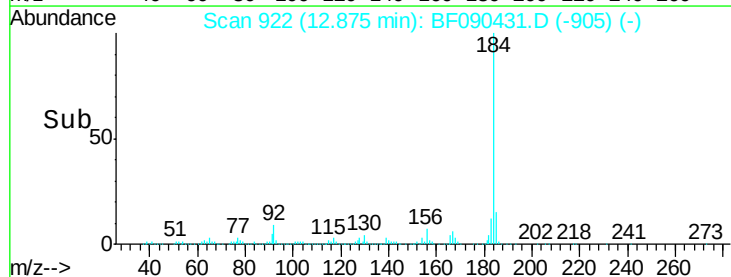
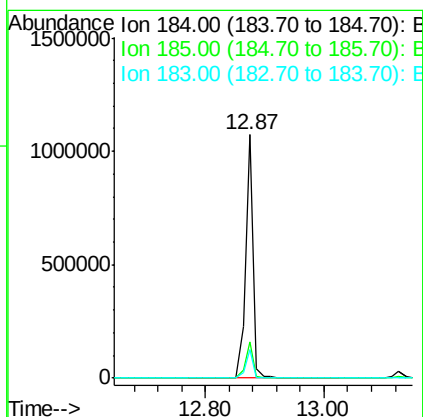
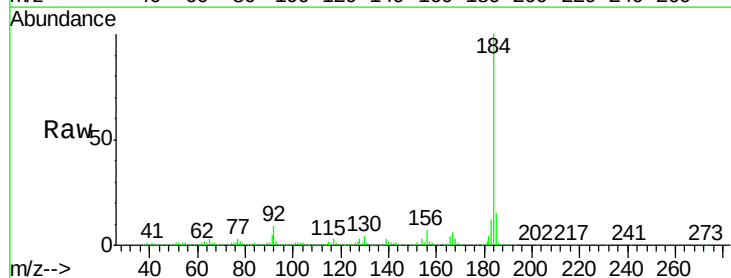
Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

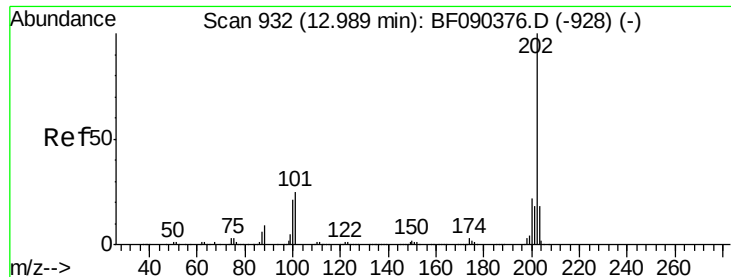
Tgt Ion:240 Resp: 562792
Ion Ratio Lower Upper
240 100
120 12.9 8.6 13.0
236 27.4 21.6 32.4



#76
Benzidine
Concen: 64.01 ng
RT: 12.87 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF090431.D
Acq: 6 Oct 2016 21:15

Tgt Ion:184 Resp: 947281
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 11.7 9.6 14.4





#77

Pyrene

Concen: 55.66 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

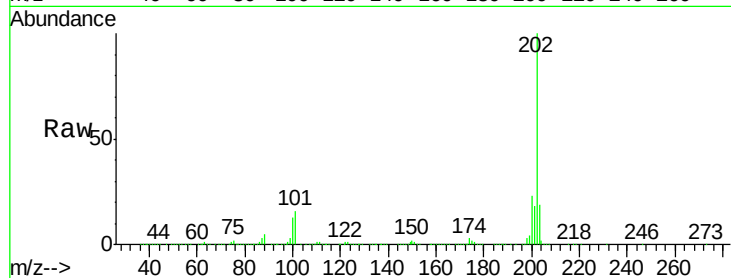
Tgt Ion:202 Resp: 2088879

Ion Ratio Lower Upper

202 100

200 22.7 18.5 27.7

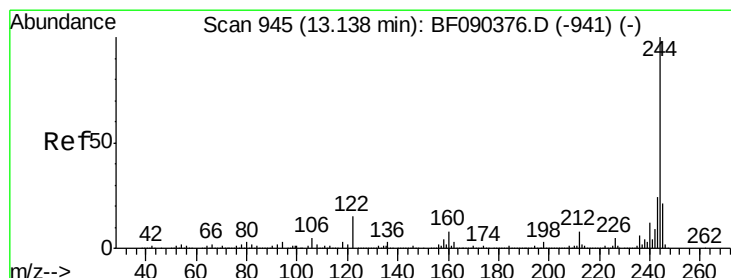
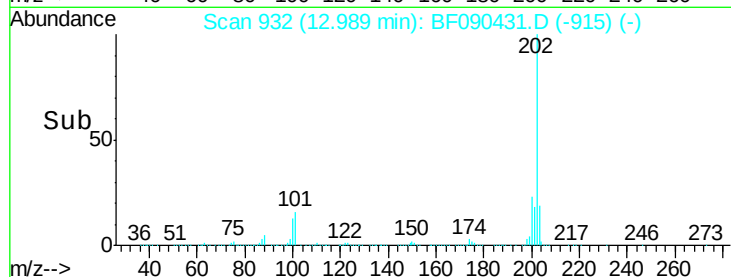
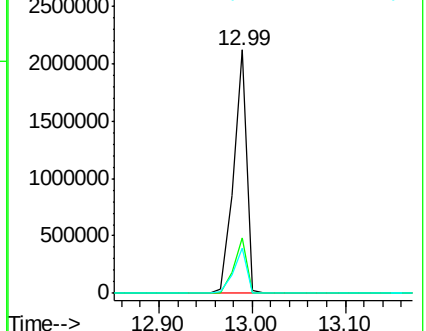
203 18.7 15.0 22.6



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: 95.17 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

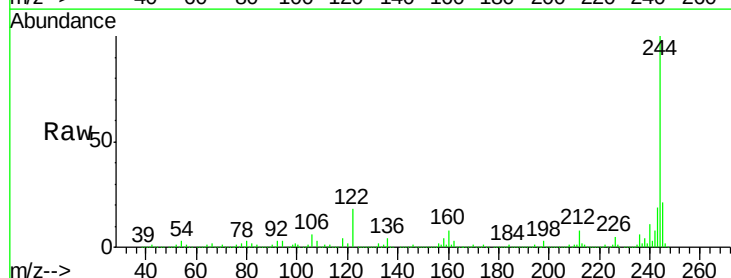
Tgt Ion:244 Resp: 2382409

Ion Ratio Lower Upper

244 100

212 7.8 6.8 10.2

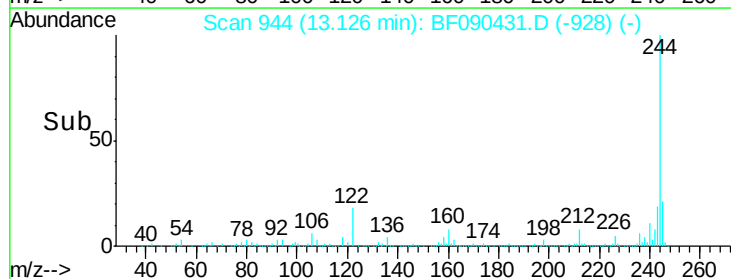
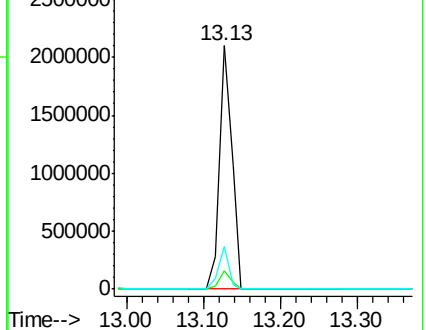
122 17.7 13.3 19.9

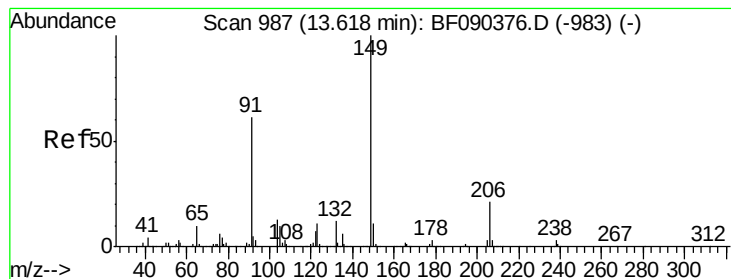


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.58 ng

RT: 13.61 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

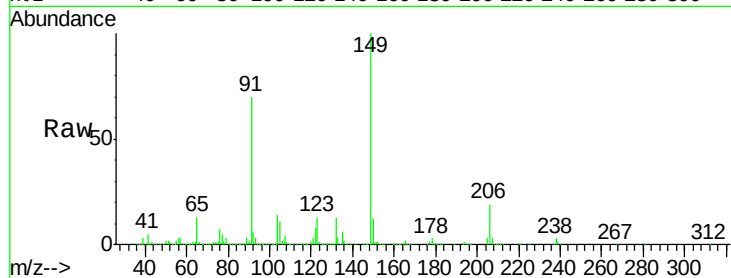
Tgt Ion:149 Resp: 1108811

Ion Ratio Lower Upper

149 100

91 70.1 51.8 77.8

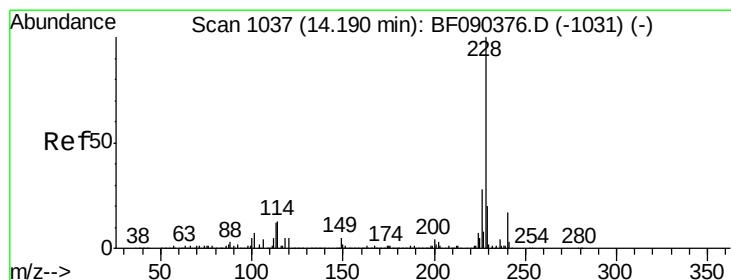
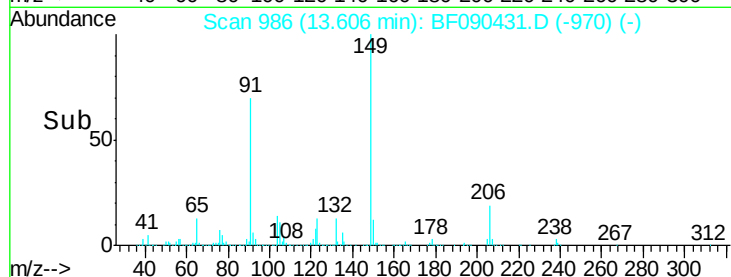
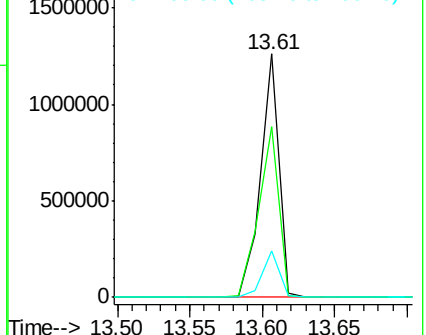
206 19.3 18.0 27.0



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: 48.22 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

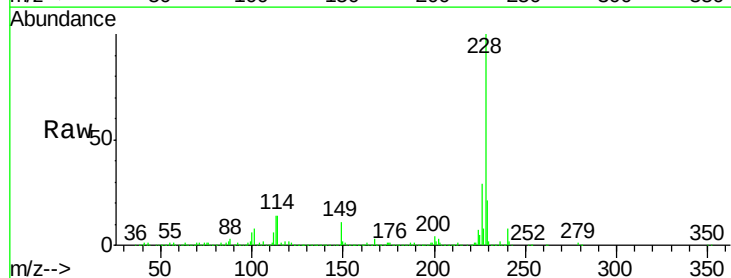
Tgt Ion:228 Resp: 1522595

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

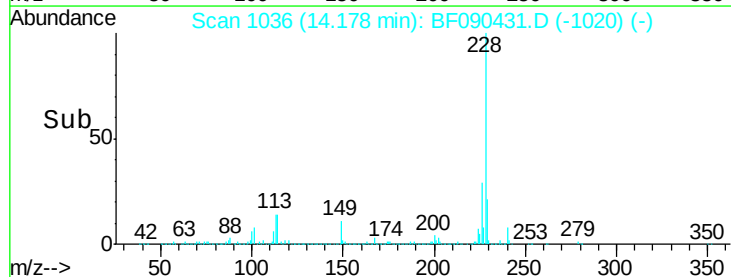
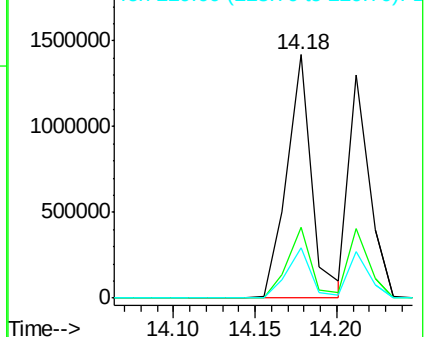
229 20.9 16.6 25.0

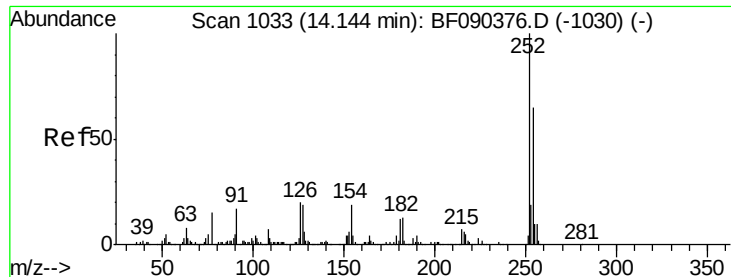


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

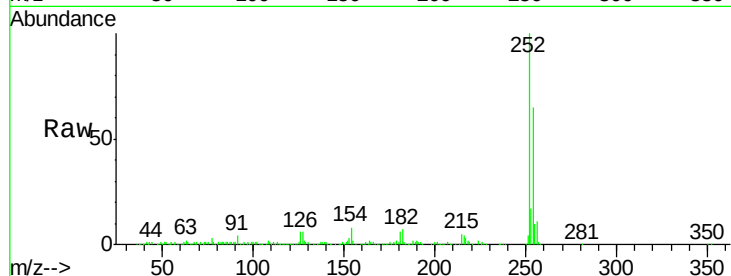




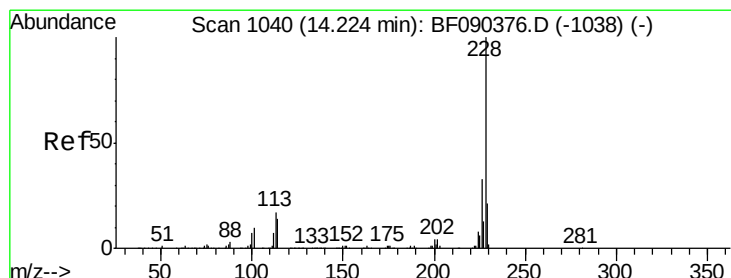
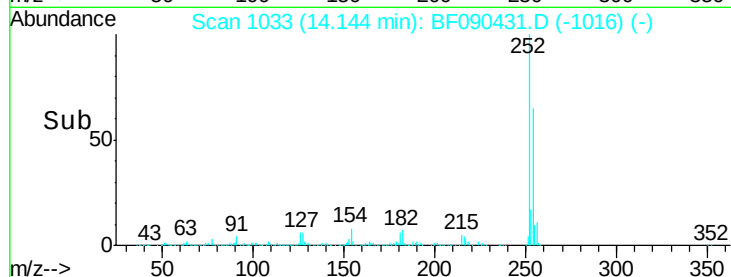
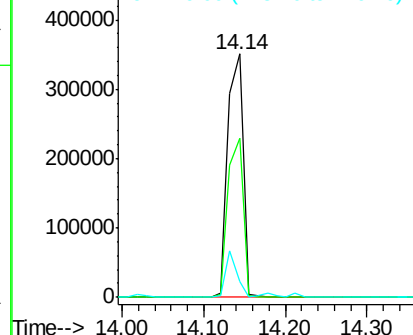
#81
 3,3'-Dichlorobenzidine
 Concen: 39.67 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion: 252 Resp: 454111
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.1 78.1
 126 6.4 4.2 6.4#

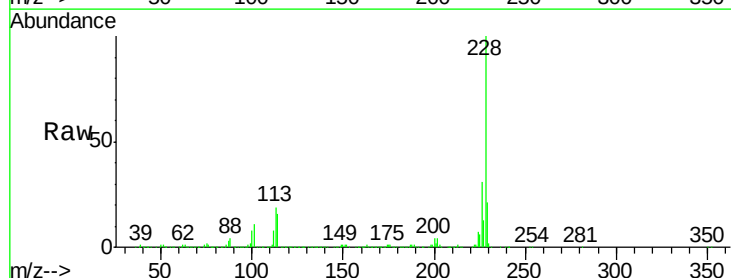


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

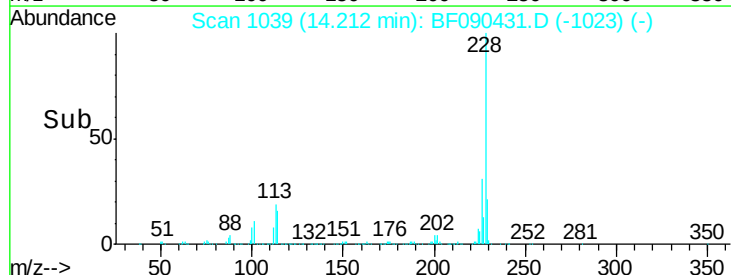
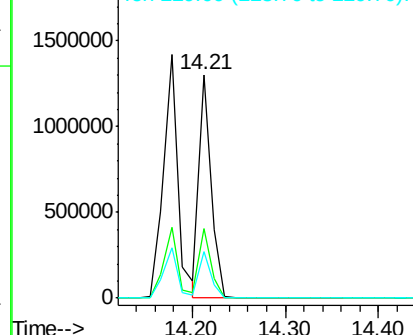


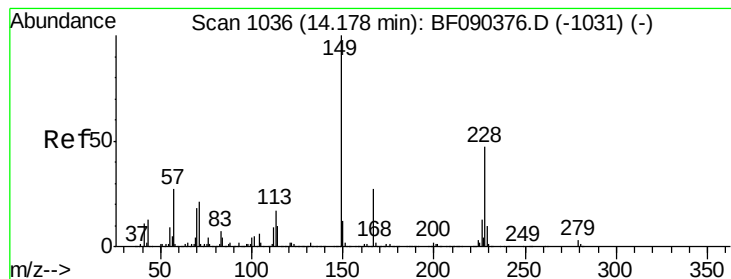
#82
 Chrysene
 Concen: 40.70 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion: 228 Resp: 1182831
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.8 38.6
 229 20.8 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: 51.61 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

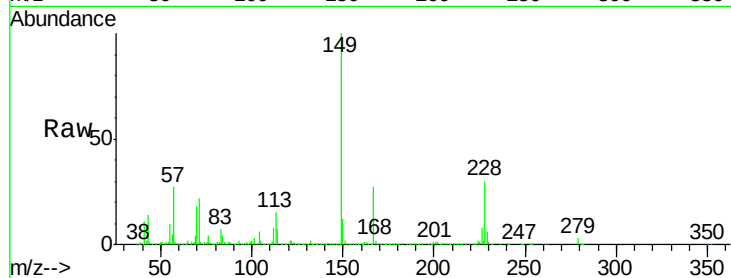
Tgt Ion:149 Resp: 1412677

Ion Ratio Lower Upper

149 100

167 27.2 21.5 32.3

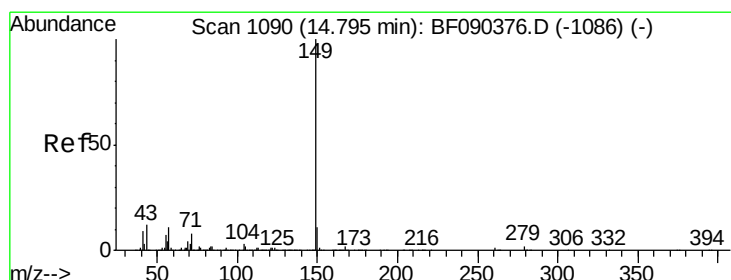
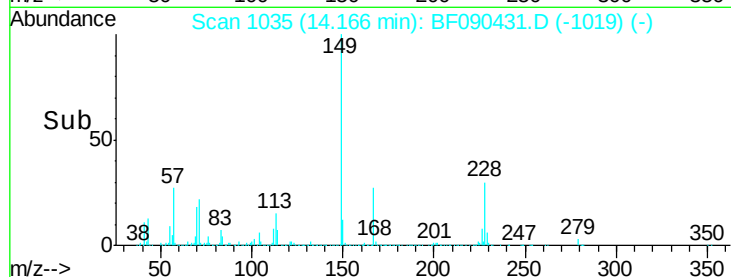
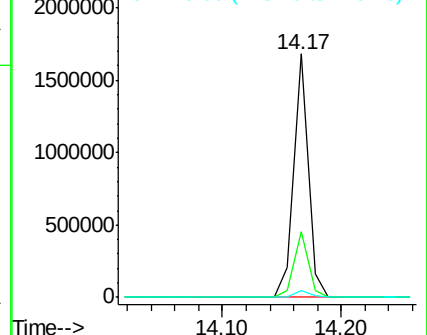
279 2.7 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.19 ng

RT: 14.78 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

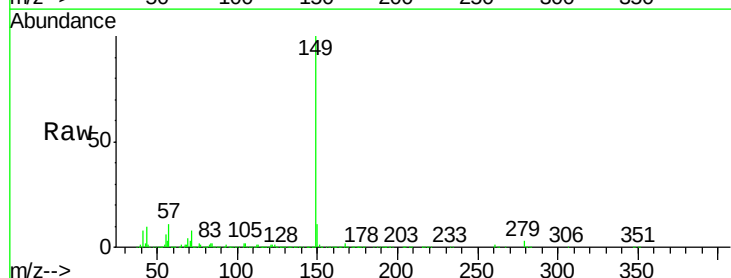
Tgt Ion:149 Resp: 1955528

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

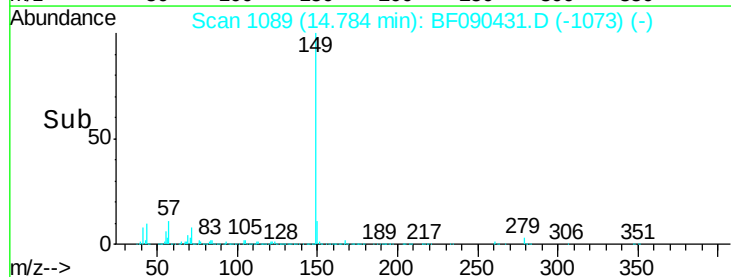
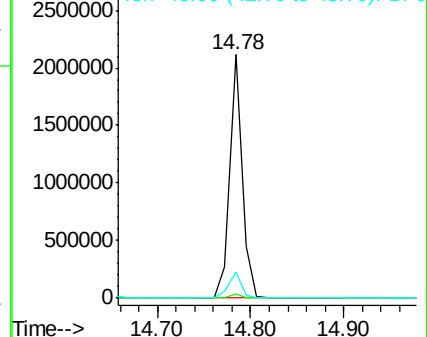
43 10.7 11.8 17.8#

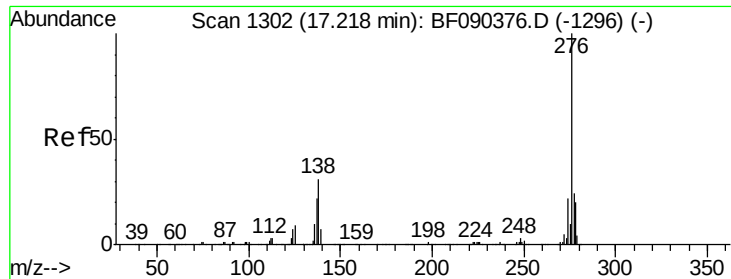


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

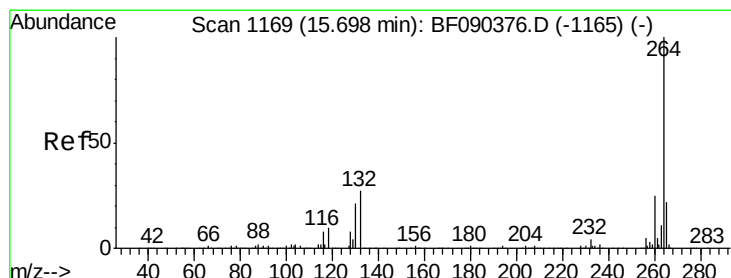
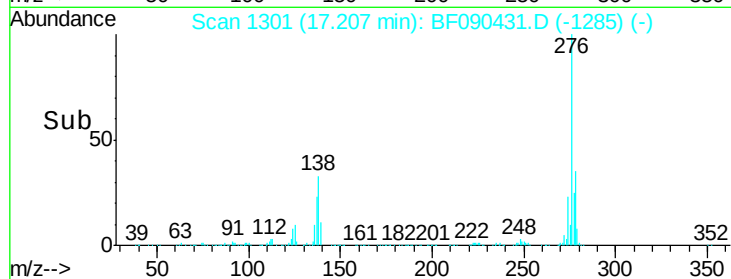
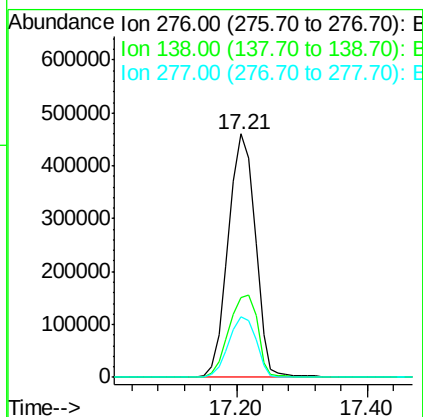
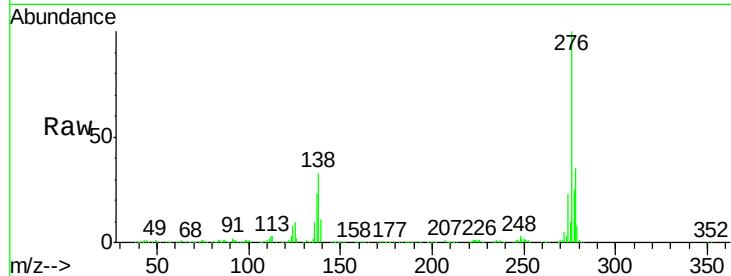




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.05 ng
 RT: 17.21 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

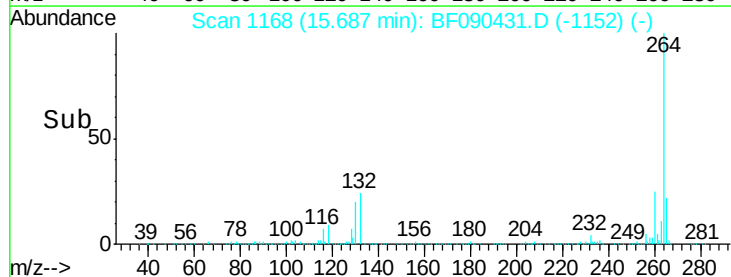
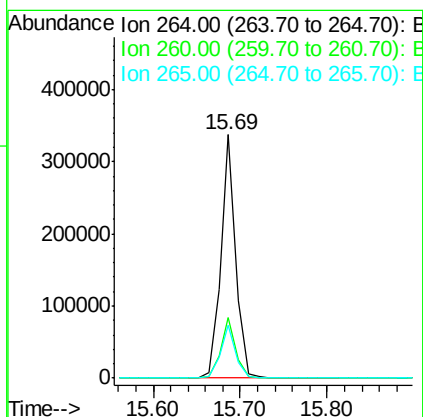
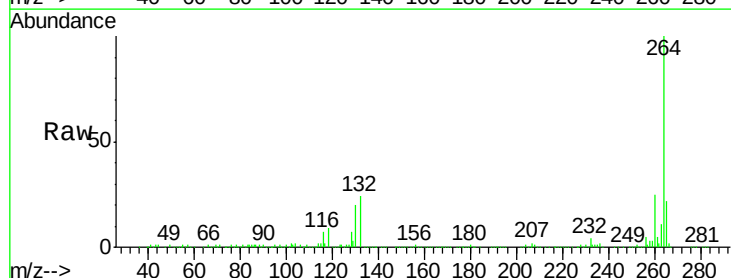
Instrument :
 BNA_F
 ClientSampleId :
 BRAEN-AGGS-CLEAN-BORROWMS

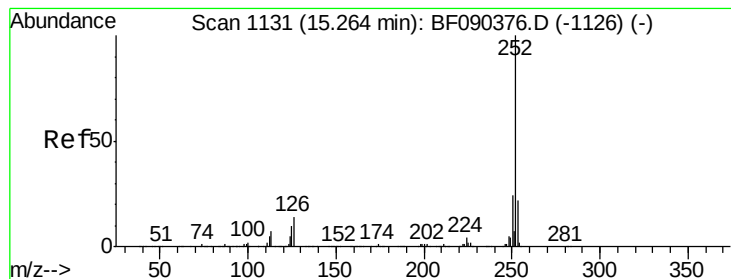
Tgt Ion: 276 Resp: 1327068
 Ion Ratio Lower Upper
 276 100
 138 36.0 23.8 35.8#
 277 25.3 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

Tgt Ion: 264 Resp: 402851
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 51.83 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

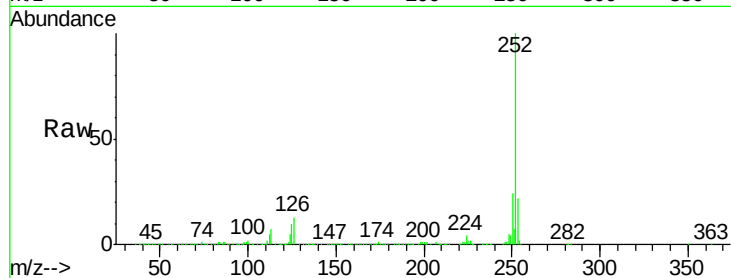
Tgt Ion:252 Resp: 1330062

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

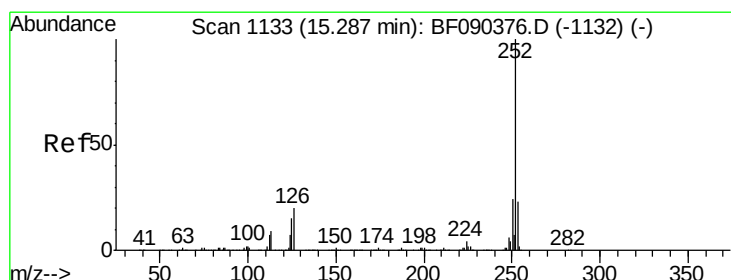
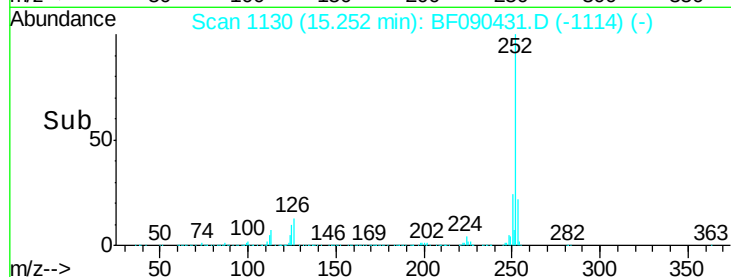
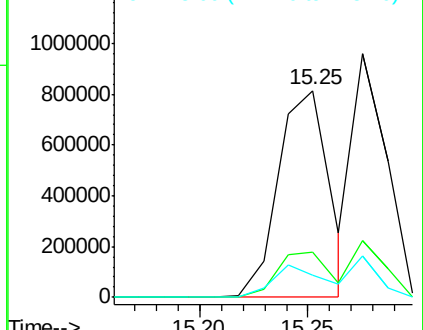
125 10.4 7.0 10.4



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: 55.18 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

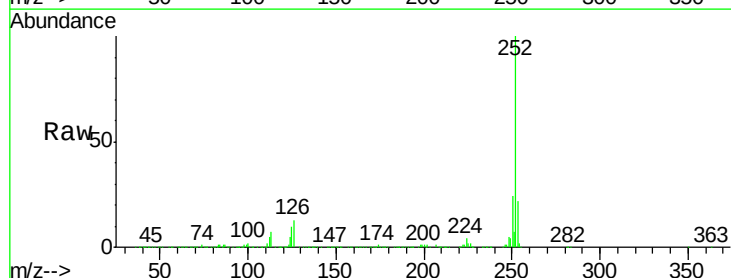
Tgt Ion:252 Resp: 1330062

Ion Ratio Lower Upper

252 100

253 21.9 18.6 27.8

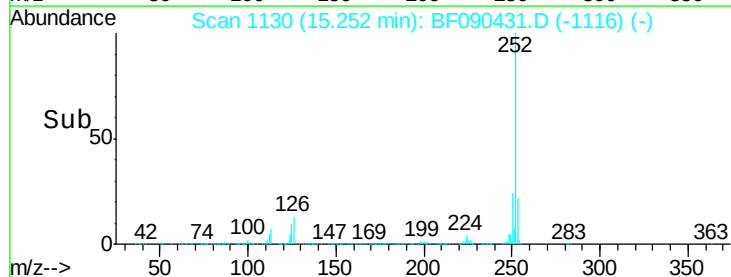
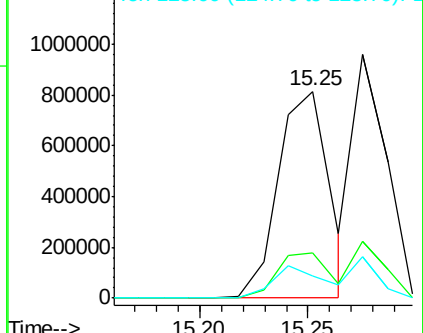
125 10.4 11.7 17.5#

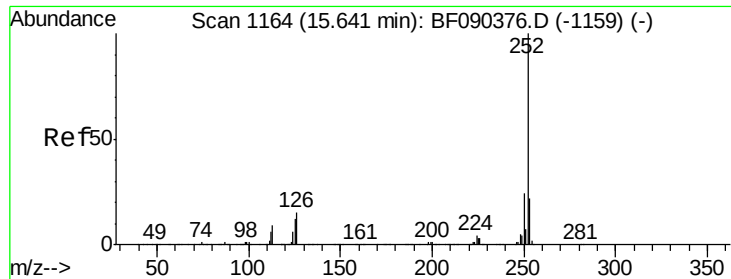


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.11 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

Instrument :

BNA_F

ClientSampleId :

BRAEN-AGGS-CLEAN-BORROWMS

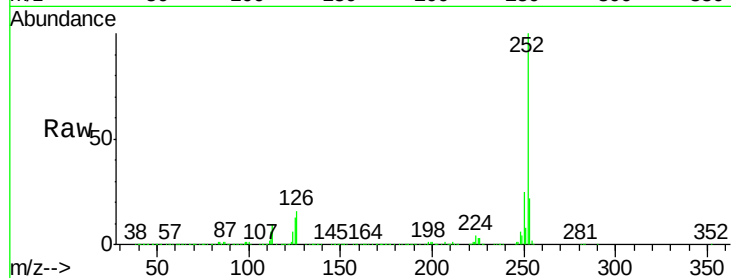
Tgt Ion:252 Resp: 1174594

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

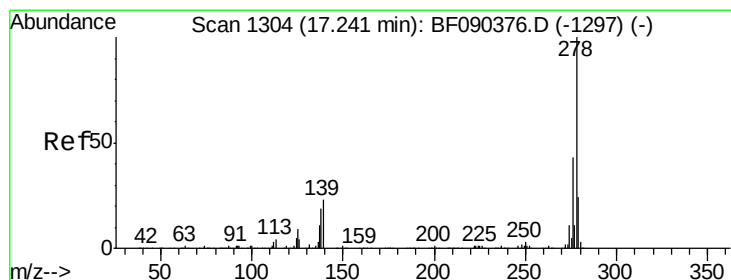
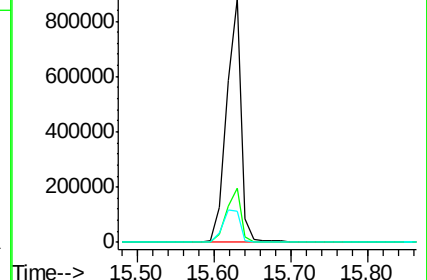
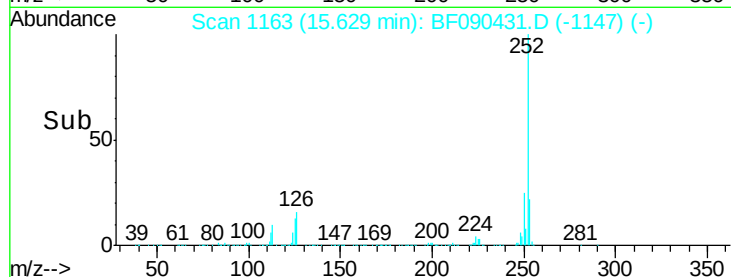
125 12.7 9.8 14.8



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: 60.41 ng

RT: 17.23 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF090431.D

Acq: 6 Oct 2016 21:15

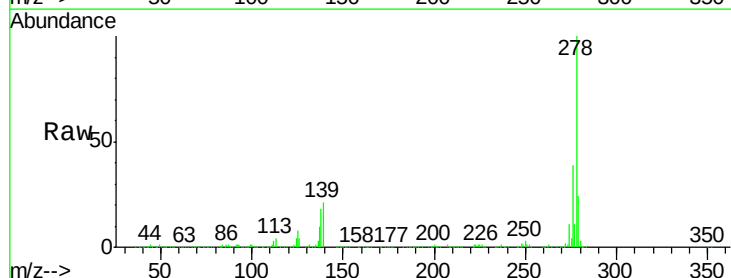
Tgt Ion:278 Resp: 1136801

Ion Ratio Lower Upper

278 100

139 21.3 12.8 19.2#

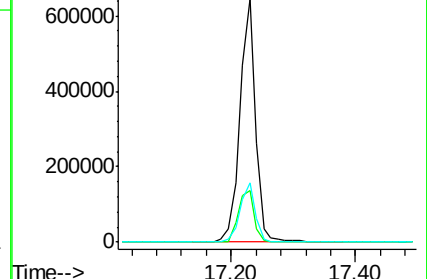
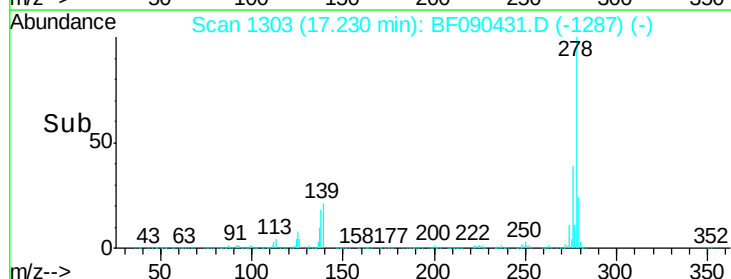
279 24.4 19.6 29.4

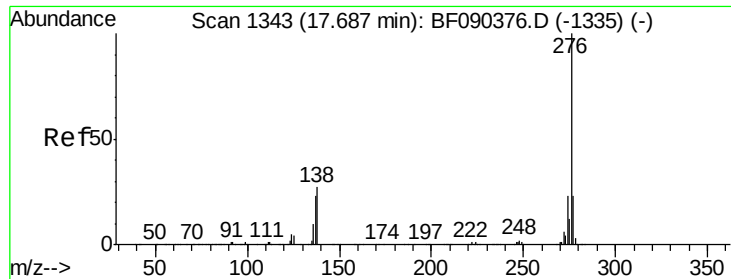


Abundance Ion 278.00 (277.70 to 278.70): E

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: 59.28 ng
 RT: 17.66 min Scan# 1341
 Delta R.T. -0.02 min
 Lab File: BF090431.D
 Acq: 6 Oct 2016 21:15

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

Tgt Ion: 276 Resp: 1070427
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.4 29.0
 138 33.1 20.8 31.2#

