

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092344.D
 Acq On : 18 Jan 2017 11:33
 Operator : UM/SJ
 Sample : SPK CHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Quant Time: Jan 19 01:25:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	160975	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	729540	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	463356	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	763853	20.00	ng	0.00
75) Chrysene-d12	13.69	240	489427	20.00	ng	-0.01
86) Perylene-d12	15.03	264	576218	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.34	99	29298	2.49	ng	0.11
23) Nitrobenzene-d5	7.04	82	44291	3.38	ng	-0.08
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.88	172	889	-15.16	ng	-0.03
78) Terphenyl-d14	12.63	244	1273	0.06	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.05	88	270322	56.95	ng	95
3) Pyridine	2.66	79	766307	46.26	ng	97
4) n-Nitrosodimethylamine	2.63	42	301229	48.21	ng	99
6) Aniline	6.20	93	609706	39.88	ng	# 46
8) 2-Chlorophenol	6.34	128	586813	53.51	ng	90
9) Benzaldehyde	6.10	77	28273	2.99	ng	98
10) Phenol	6.22	94	820458	61.17	ng	# 71
11) bis(2-Chloroethyl)ether	6.28	93	599854	56.21	ng	96
12) 1,3-Dichlorobenzene	6.47	146	584779	49.95	ng	# 89
13) 1,4-Dichlorobenzene	6.55	146	607374	50.97	ng	99
14) 1,2-Dichlorobenzene	6.71	146	597030	57.74	ng	98
15) Benzyl Alcohol	6.70	79	520462	56.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	866331	54.51	ng	# 39
17) 2-Methylphenol	6.84	107	517453	58.67	ng	# 93
18) Hexachloroethane	7.04	117	231523	52.41	ng	# 89
19) n-Nitroso-di-n-propylamine	6.98	70	442992	56.57	ng	98
20) 3+4-Methylphenols	7.00	107	657548	62.51	ng	# 73
22) Acetophenone	6.96	105	871972	48.46	ng	93
24) Nitrobenzene	7.14	77	667821	47.79	ng	95
25) Isophorone	7.39	82	1158137	47.85	ng	98
26) 2-Nitrophenol	7.46	139	312157	45.30	ng	98
27) 2,4-Dimethylphenol	7.51	122	488307	42.72	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	828880	56.47	ng	100
29) 2,4-Dichlorophenol	7.71	162	526947	54.45	ng	89
30) 1,2,4-Trichlorobenzene	7.78	180	512532	48.33	ng	95
31) Naphthalene	7.86	128	1818505	54.46	ng	99
32) Benzoic acid	7.70	122	378830	44.69	ng	98
33) 4-Chloroaniline	7.91	127	546781	36.32	ng	99
34) Hexachlorobutadiene	7.97	225	338479	60.46	ng	99
35) Caprolactam	8.30	113	205924m	64.75	ng	
36) 4-Chloro-3-methylphenol	8.43	107	647689	58.16	ng	98
37) 2-Methylnaphthalene	8.54	142	1350041	Below	Cal	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	555228	47.43	ng	99
40) Hexachlorocyclopentadiene	8.70	237	442006	84.54	ng	98

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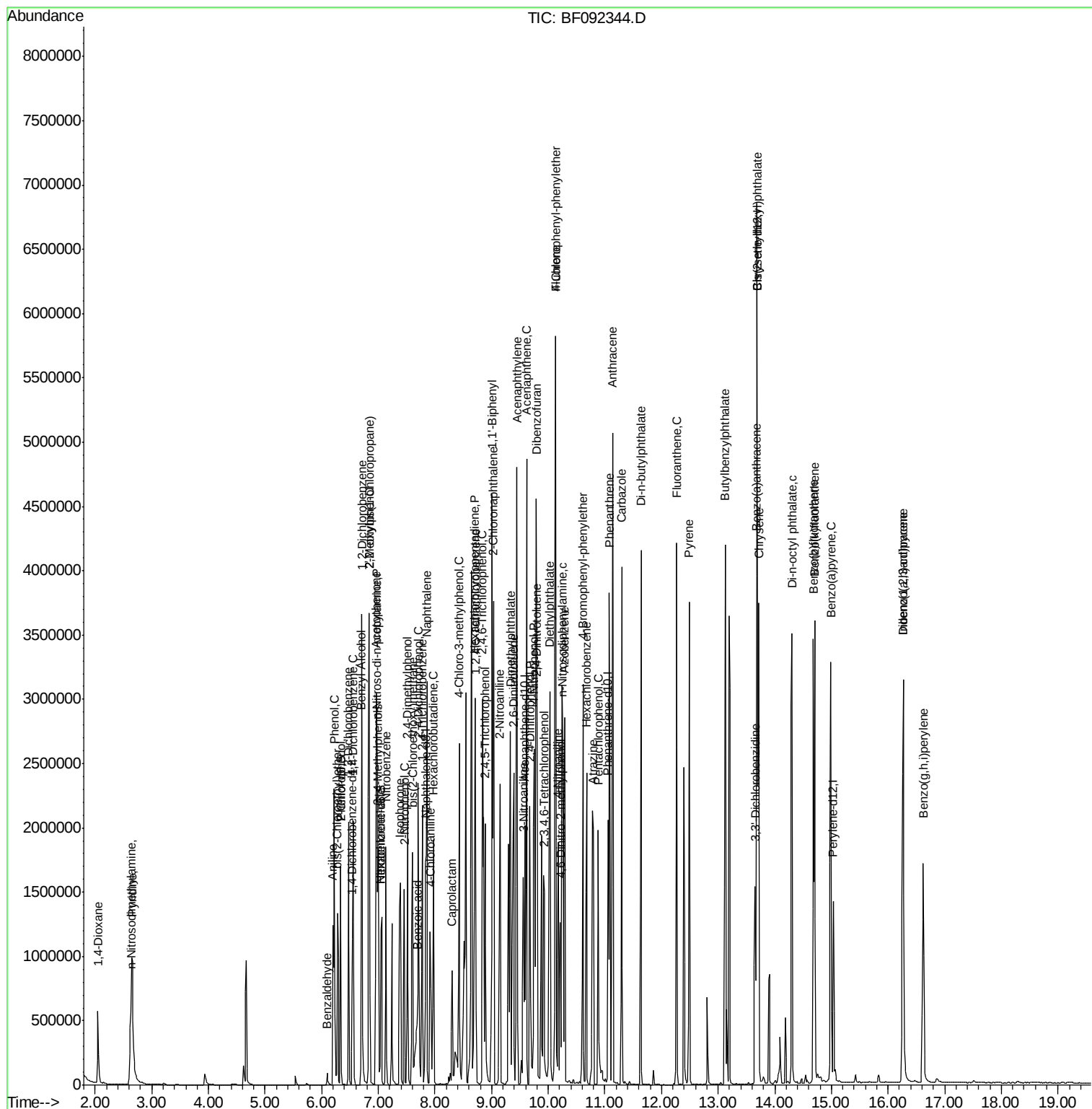
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42) 2,4,6-Trichlorophenol	8.84	196	384533	46.97	ng	96
43) 2,4,5-Trichlorophenol	8.88	196	378580	44.93	ng #	92
45) 1,1'-Biphenyl	9.01	154	1534944	48.38	ng	97
46) 2-Chloronaphthalene	9.03	162	1204645	47.95	ng	97
47) 2-Nitroaniline	9.15	65	461252	51.56	ng #	78
48) Acenaphthylene	9.44	152	1836878	47.54	ng	99
49) Dimethylphthalate	9.33	163	1506469	50.83	ng	99
50) 2,6-Dinitrotoluene	9.39	165	302669	46.66	ng #	71
51) Acenaphthene	9.62	154	1194554	45.60	ng	99
52) 3-Nitroaniline	9.56	138	298733	37.21	ng	83
53) 2,4-Dinitrophenol	9.67	184	335668	93.00	ng #	65
54) Dibenzofuran	9.79	168	1551959	43.87	ng	99
55) 4-Nitrophenol	9.75	139	389182m	71.40	ng	
56) 2,4-Dinitrotoluene	9.80	165	463677	56.95	ng #	87
57) Fluorene	10.13	166	1231446	47.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	347133	52.09	ng	92
59) Diethylphthalate	10.03	149	1507114	52.36	ng	96
60) 4-Chlorophenyl-phenylether	10.13	204	570761	50.64	ng #	82
61) 4-Nitroaniline	10.18	138	389206	46.79	ng	94
62) Azobenzene	10.29	77	1735195	54.76	ng	83
64) 4,6-Dinitro-2-methylphenol	10.21	198	264001	57.16	ng	98
65) n-Nitrosodiphenylamine	10.26	169	1210656	53.41	ng	100
66) 4-Bromophenyl-phenylether	10.61	248	375942	47.31	ng	96
67) Hexachlorobenzene	10.68	284	428131	50.41	ng	96
68) Atrazine	10.79	200	430438	58.87	ng	96
69) Pentachlorophenol	10.88	266	365393	87.68	ng	99
70) Phenanthrene	11.08	178	1926136	46.50	ng	98
71) Anthracene	11.14	178	2007858	63.55	ng	100
72) Carbazole	11.30	167	1685105	54.61	ng	99
73) Di-n-butylphthalate	11.64	149	2282800	59.49	ng	99
74) Fluoranthene	12.27	202	2113393	59.38	ng	95
76) Benzidine	12.39	184	1076772	Below	Cal	97
77) Pyrene	12.48	202	2091702	58.25	ng	99
79) Butylbenzylphthalate	13.12	149	1019924	62.45	ng	92
80) Benzo(a)anthracene	13.67	228	1714921	62.07	ng	99
81) 3,3'-Dichlorobenzidine	13.65	252	424630	40.53	ng #	95
82) Chrysene	13.72	228	1770542	63.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	1185089	61.62	ng	99
84) Di-n-octyl phthalate	14.30	149	2381793	66.85	ng	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	1516497	63.17	ng	98
87) Benzo(b)fluoranthene	14.68	252	1673377m	46.64	ng	
88) Benzo(k)fluoranthene	14.70	252	1416889m	46.32	ng	
89) Benzo(a)pyrene	14.99	252	1530845	48.08	ng	100
90) Dibenzo(a,h)anthracene	16.27	278	1229674	46.98	ng	99
91) Benzo(g,h,i)perylene	16.62	276	1303659	47.90	ng #	94

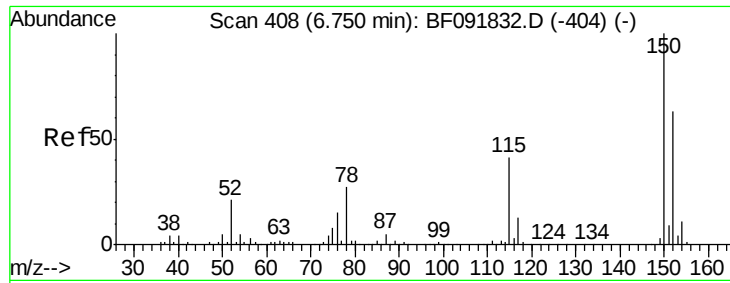
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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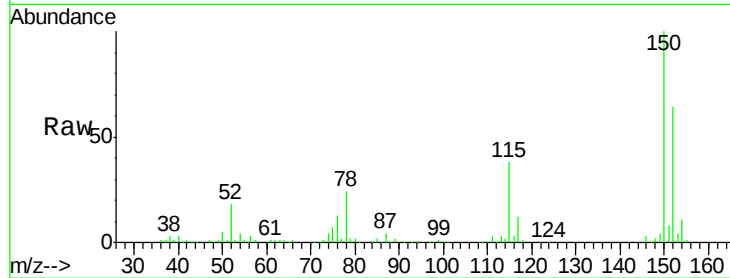




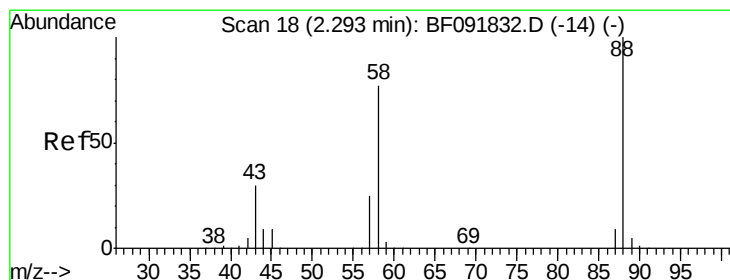
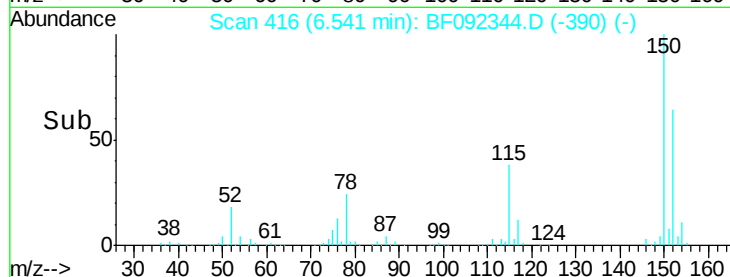
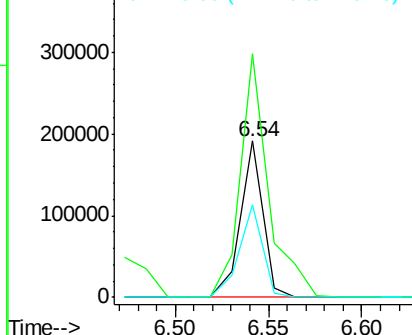
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion:152 Resp: 160975
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 58.9 46.0 69.0

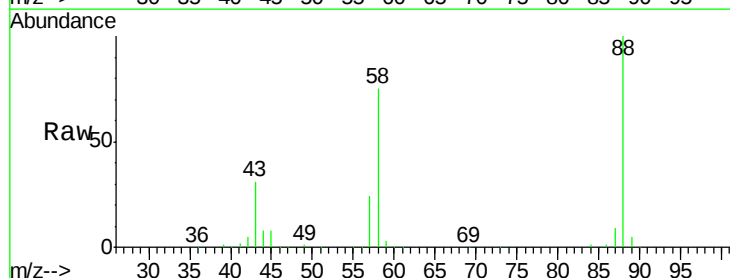


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

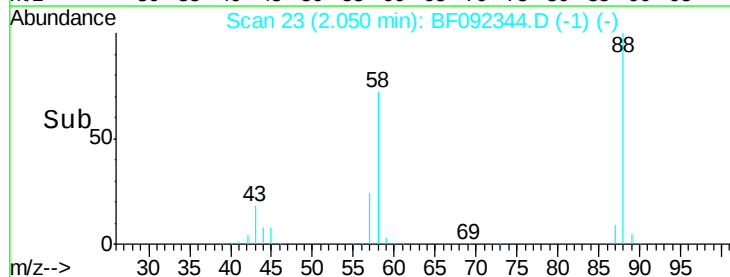
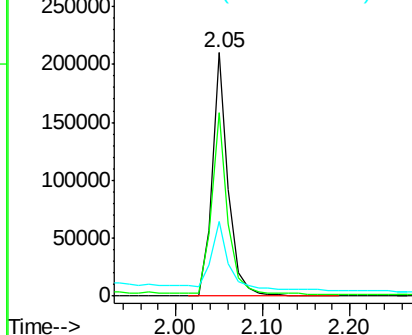


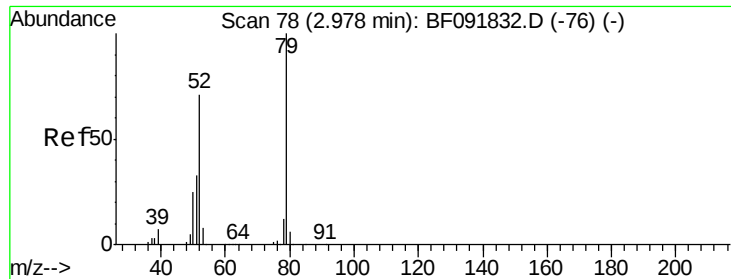
#2
 1,4-Dioxane
 Concen: 56.95 ng
 RT: 2.05 min Scan# 23
 Delta R.T. 0.11 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion: 88 Resp: 270322
 Ion Ratio Lower Upper
 88 100
 58 75.4 57.8 86.8
 43 32.6 22.3 33.5



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





#3

Pyridine

Concen: 46.26 ng

RT: 2.66 min Scan# 76

Delta R.T. 0.10 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

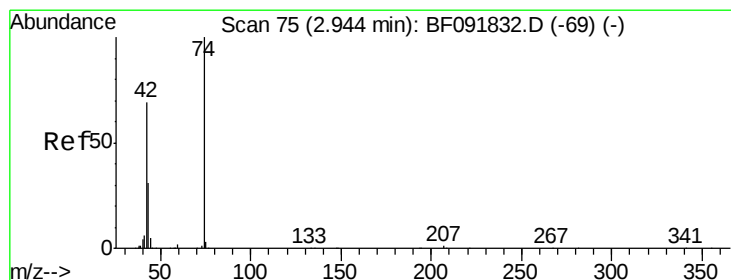
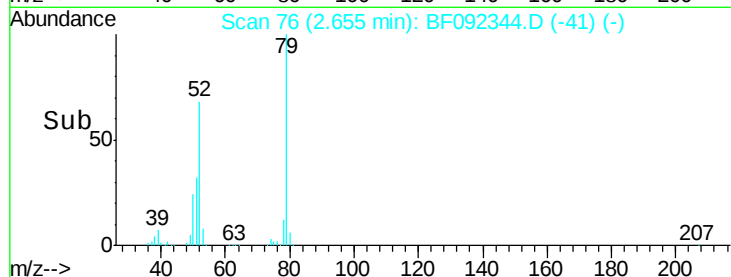
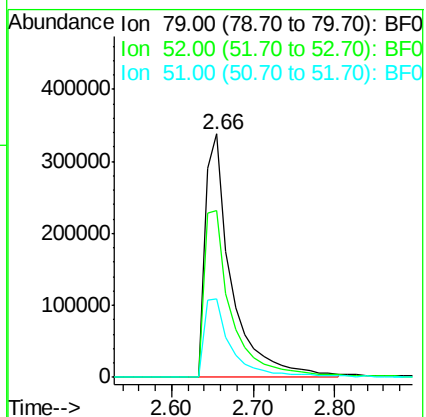
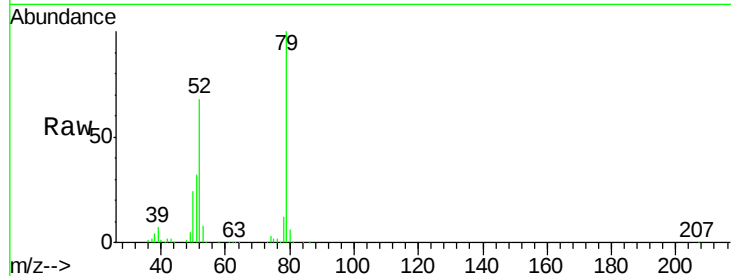
Tgt Ion: 79 Resp: 766307

Ion Ratio Lower Upper

79 100

52 68.4 57.1 85.7

51 32.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.21 ng

RT: 2.63 min Scan# 74

Delta R.T. 0.10 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

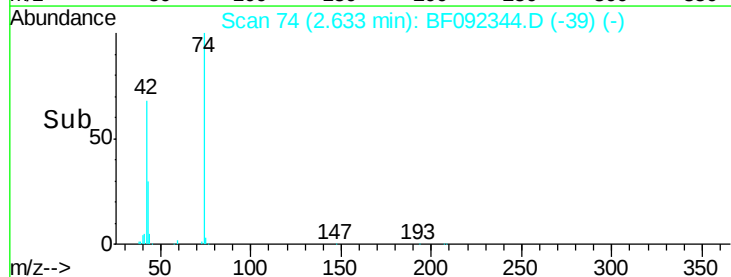
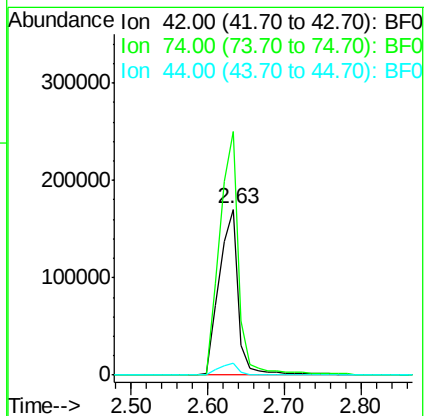
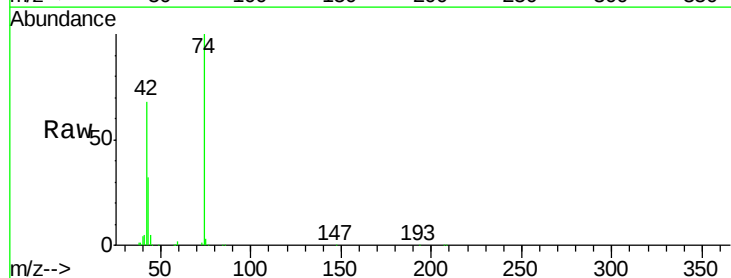
Tgt Ion: 42 Resp: 301229

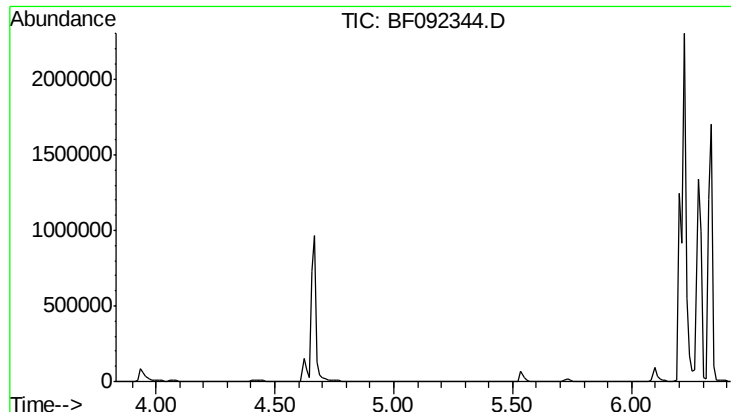
Ion Ratio Lower Upper

42 100

74 147.0 117.0 175.4

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.12 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

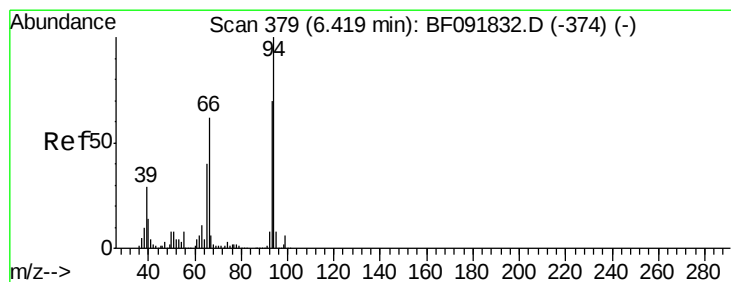
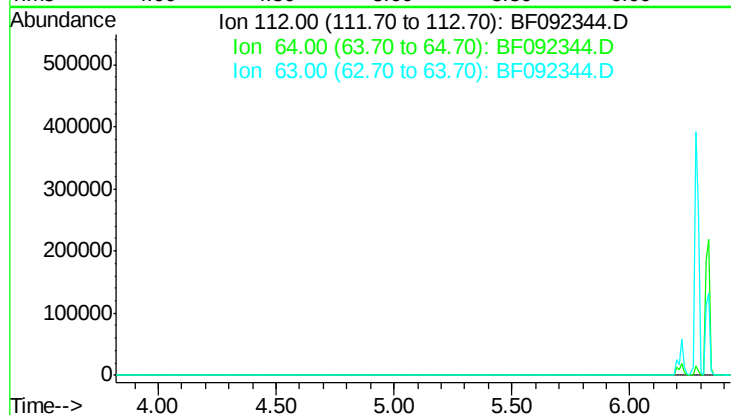
Tgt Ion: 112

Sig Exp Ratio

112 100

64 57.6

63 29.7



#6

Aniline

Concen: 39.88 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

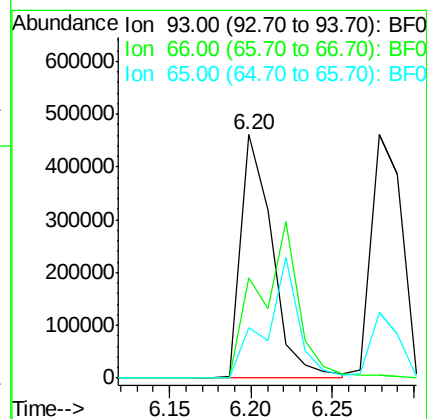
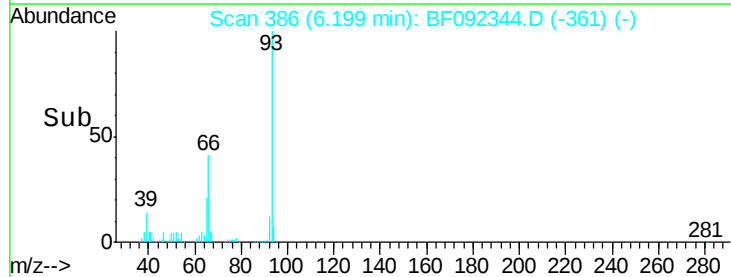
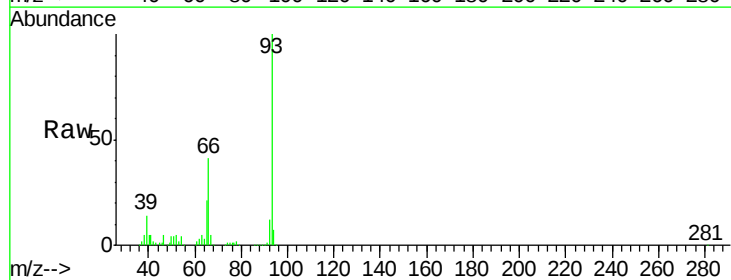
Tgt Ion: 93 Resp: 609706

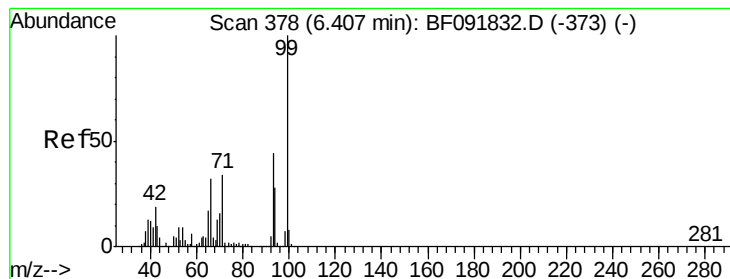
Ion Ratio Lower Upper

93 100

66 41.5 76.2 114.2#

65 20.8 49.3 73.9#





#7

Phenol-d6

Concen: 2.49 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.11 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

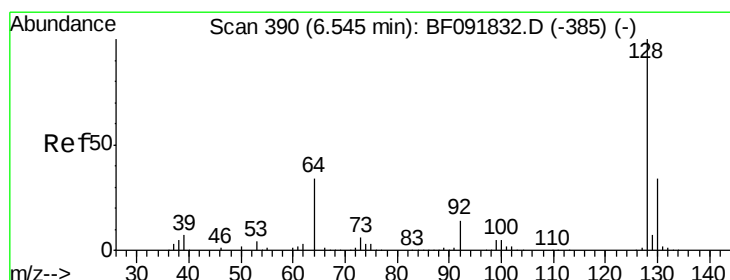
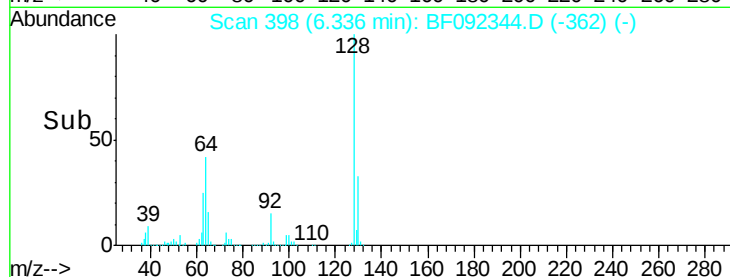
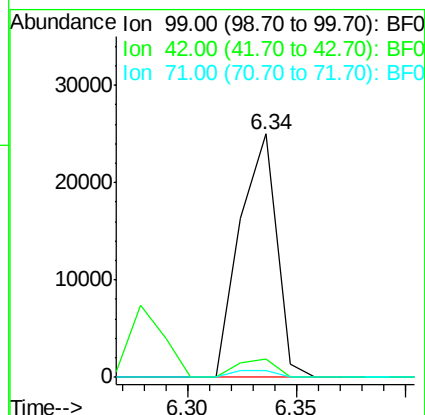
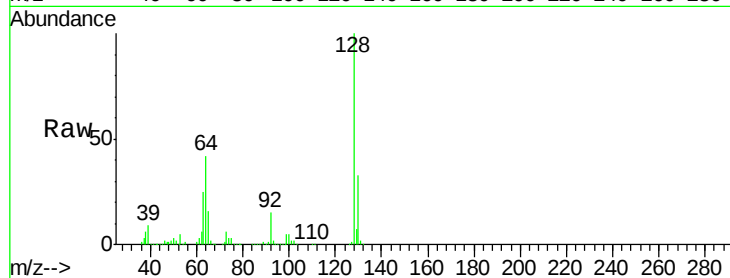
Tgt Ion: 99 Resp: 29298

Ion Ratio Lower Upper

99 100

42 7.4 15.6 23.4#

71 3.0 27.5 41.3#



#8

2-Chlorophenol

Concen: 53.51 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

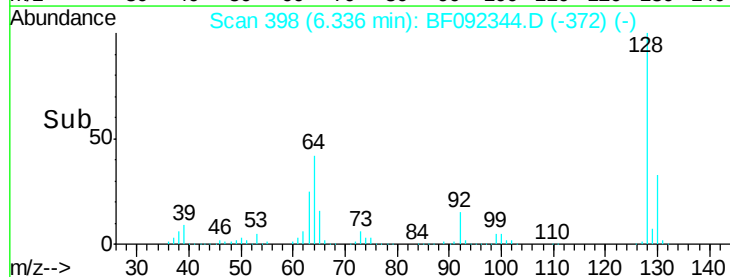
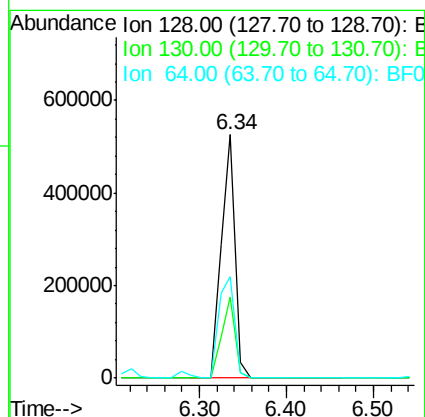
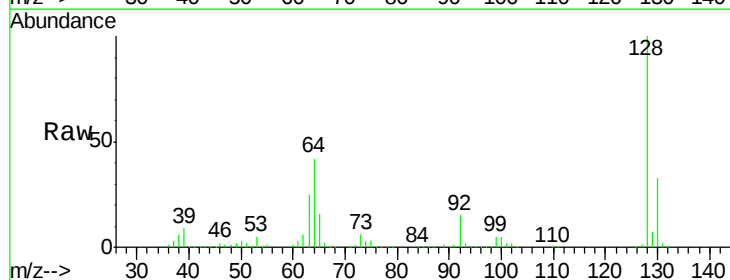
Tgt Ion: 128 Resp: 586813

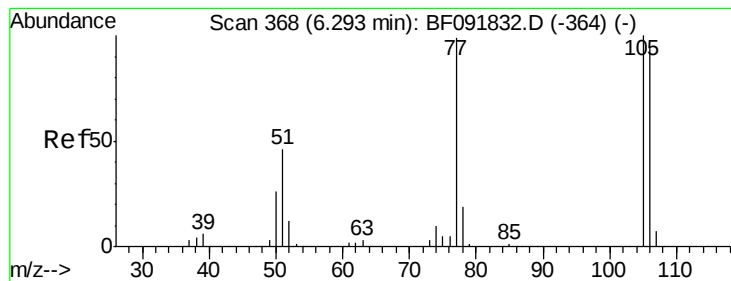
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 41.8 32.2 72.2





#9

Benzaldehyde

Concen: 2.99 ng

RT: 6.10 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

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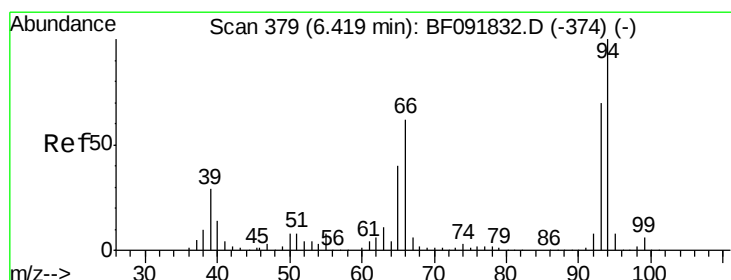
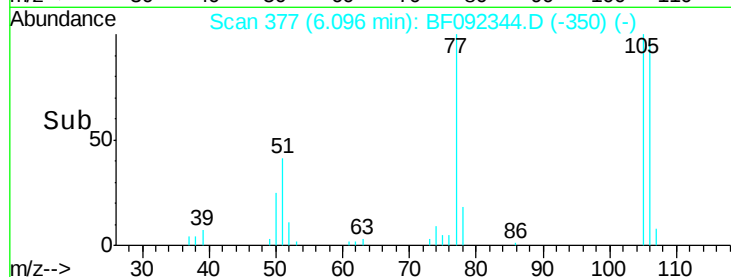
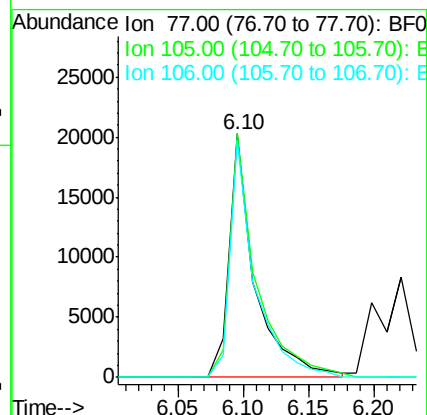
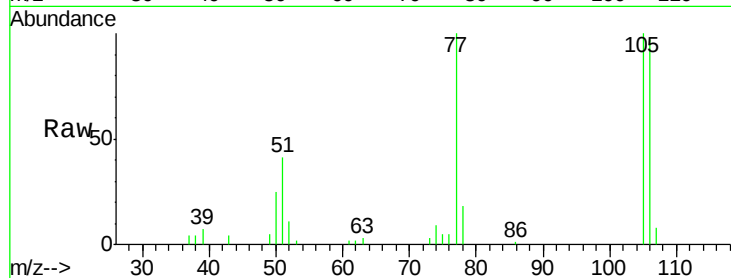
Tgt Ion: 77 Resp: 28273

Ion Ratio Lower Upper

77 100

105 100.1 83.9 123.9

106 97.4 77.6 117.6



#10

Phenol

Concen: 61.17 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

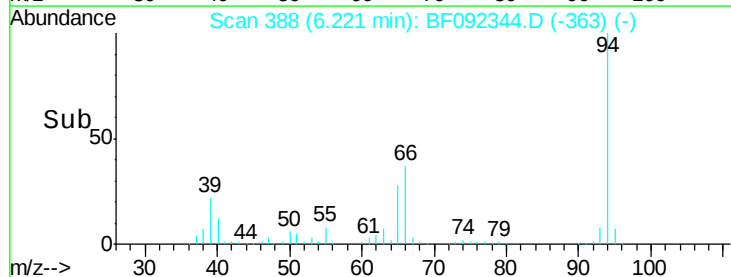
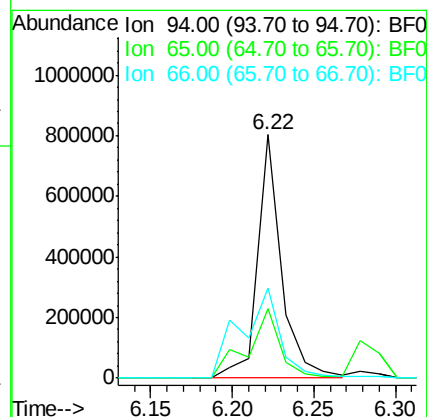
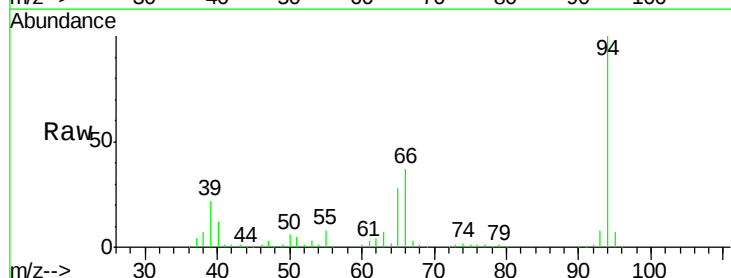
Tgt Ion: 94 Resp: 820458

Ion Ratio Lower Upper

94 100

65 28.5 21.4 61.4

66 36.9 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 56.21 ng

RT: 6.28 min Scan# 393

Delta R.T. -0.01 min

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Acq: 18 Jan 2017 11:33

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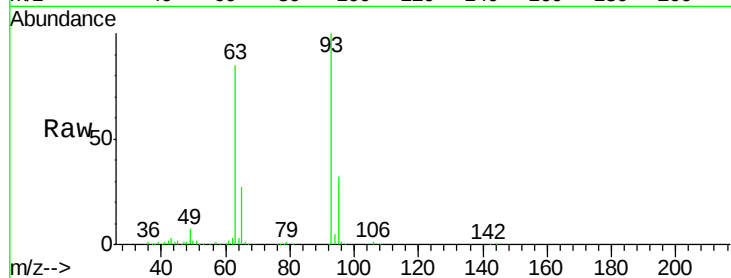
Tgt Ion: 93 Resp: 599854

Ion Ratio Lower Upper

93 100

63 85.0 60.4 100.4

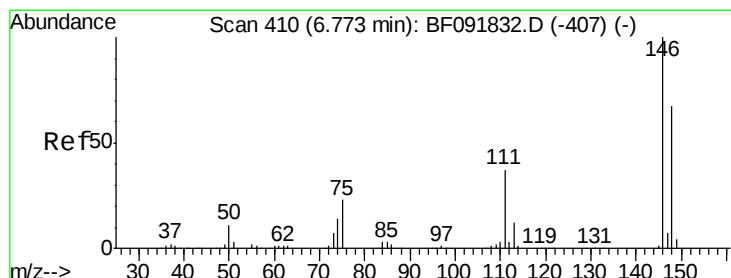
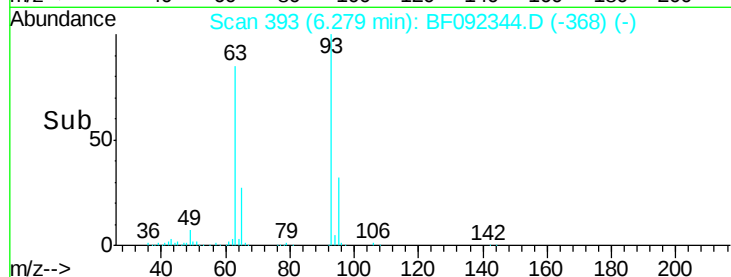
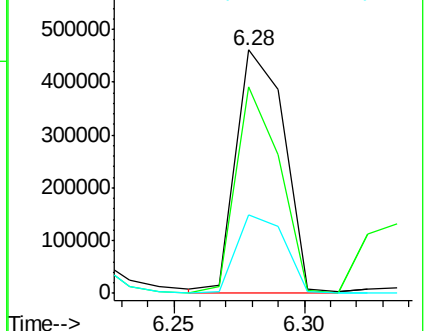
95 32.2 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 49.95 ng

RT: 6.47 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

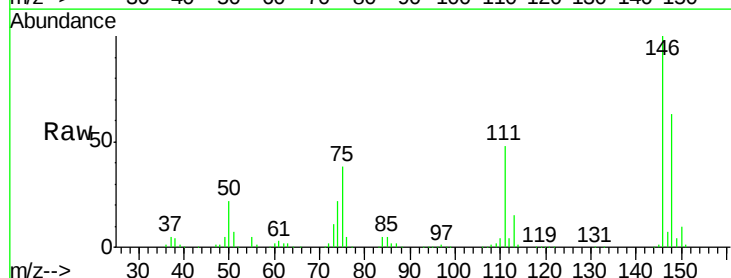
Tgt Ion: 146 Resp: 584779

Ion Ratio Lower Upper

146 100

148 63.0 53.4 80.0

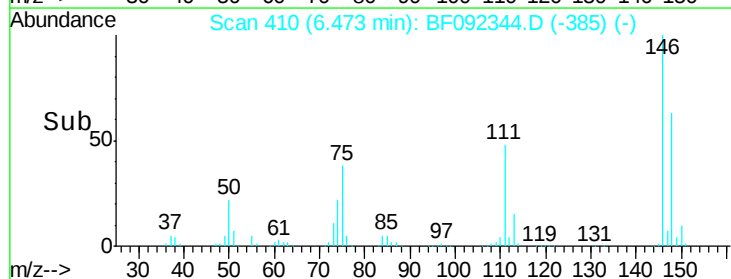
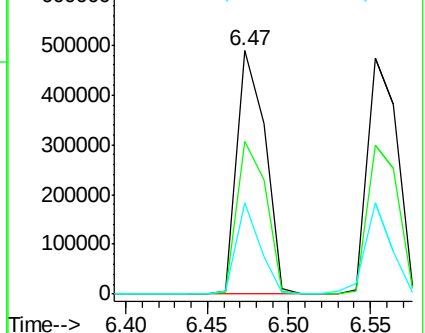
75 37.5 18.5 27.7#

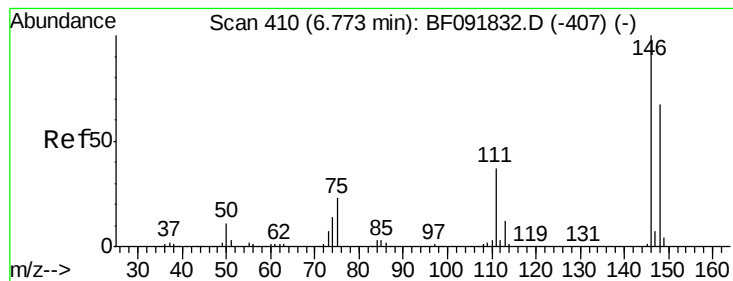


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 50.97 ng

RT: 6.55 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

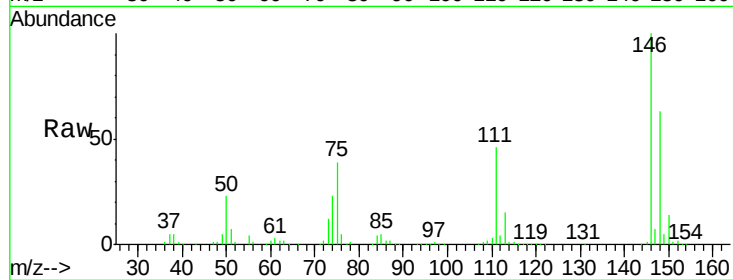
Tgt Ion:146 Resp: 607374

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

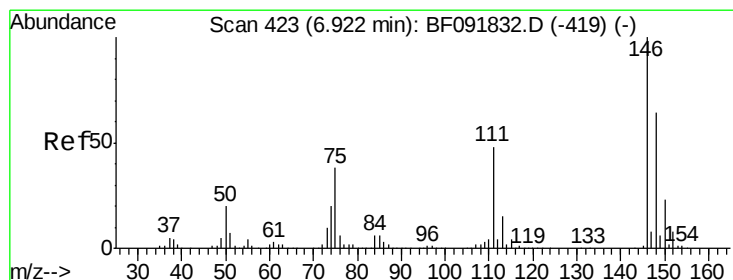
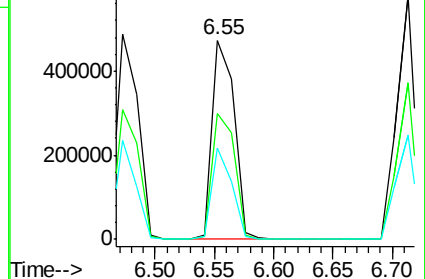
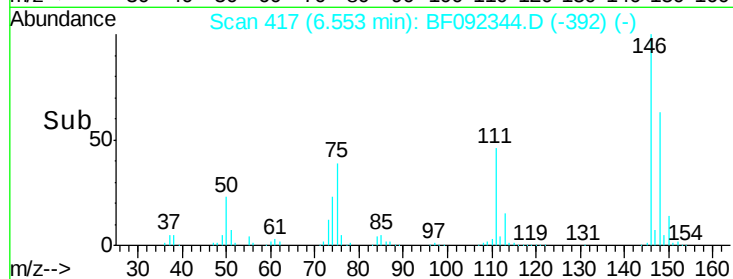
111 46.1 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 57.74 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

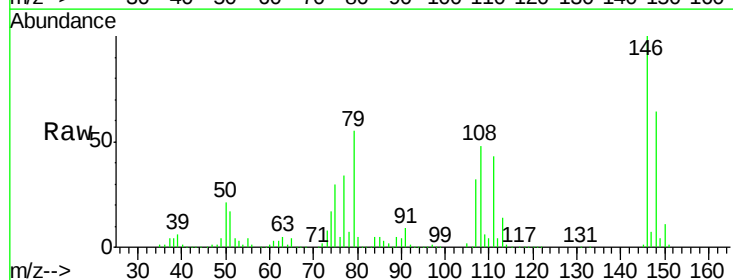
Tgt Ion:146 Resp: 597030

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

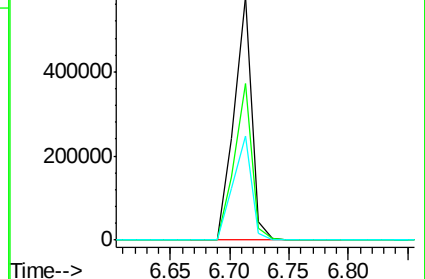
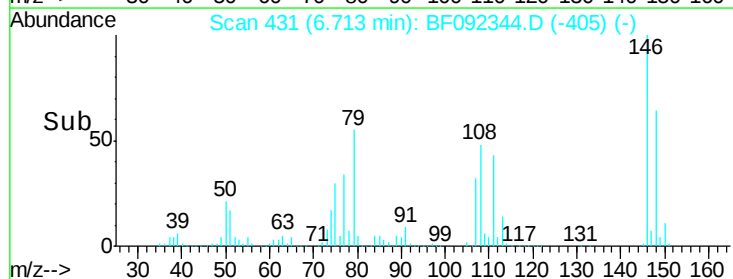
111 43.0 36.2 54.2

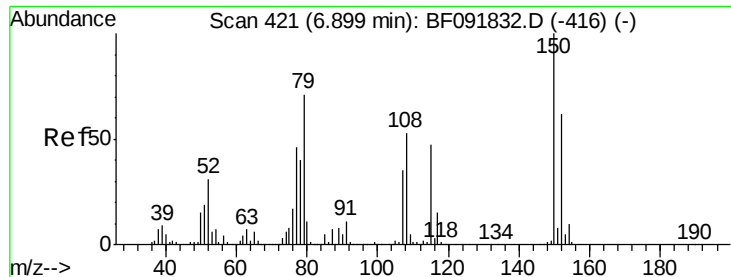


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.91 ng

RT: 6.70 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

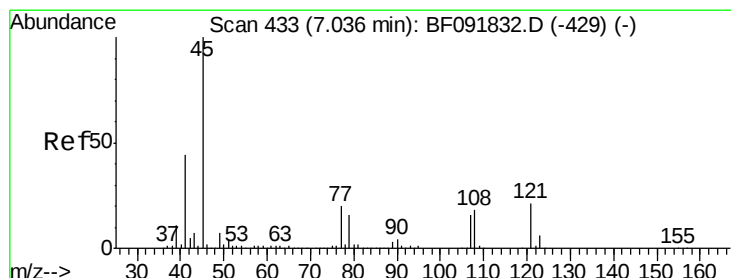
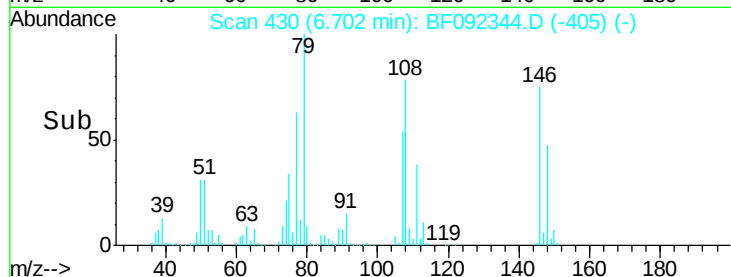
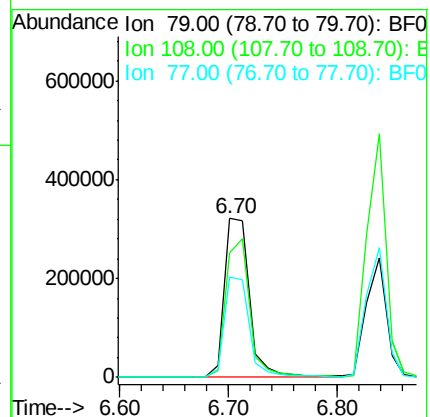
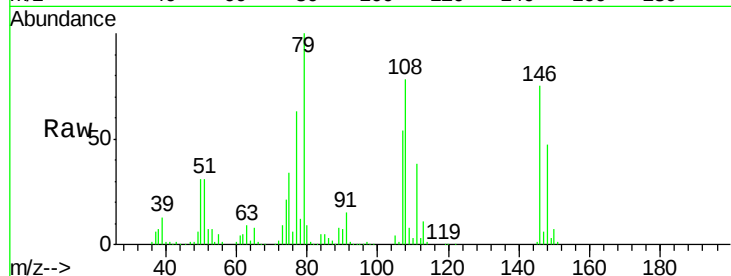
Tgt Ion: 79 Resp: 520462

Ion Ratio Lower Upper

79 100

108 78.5 61.4 92.0

77 63.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.51 ng

RT: 6.84 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

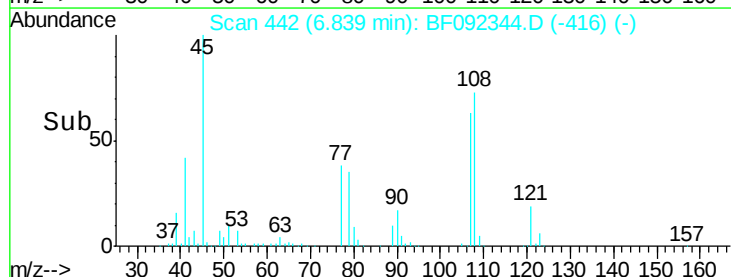
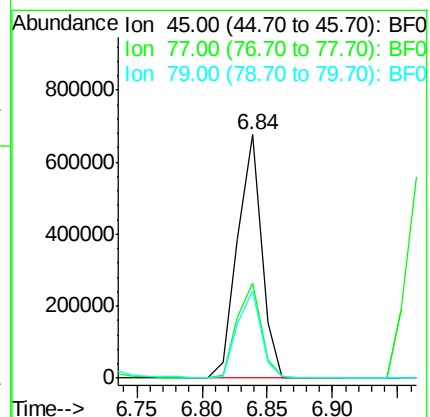
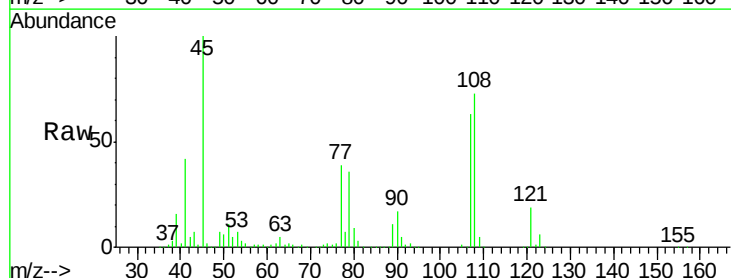
Tgt Ion: 45 Resp: 866331

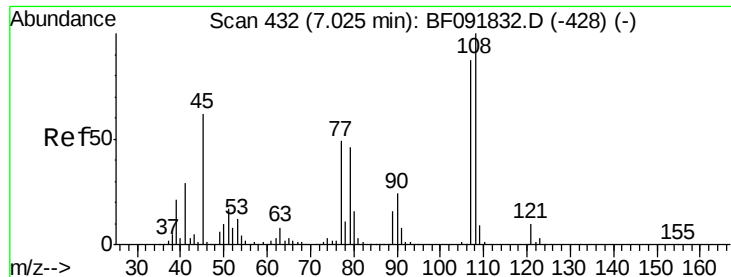
Ion Ratio Lower Upper

45 100

77 38.9 0.0 34.6#

79 35.7 0.0 31.2#

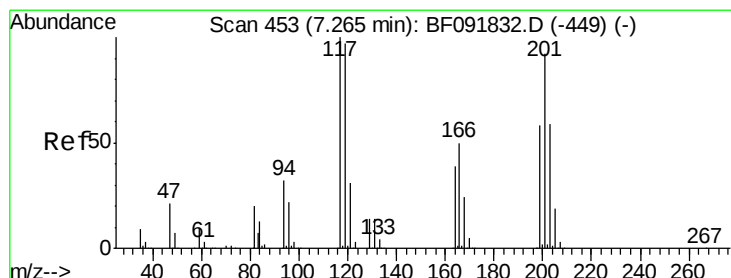
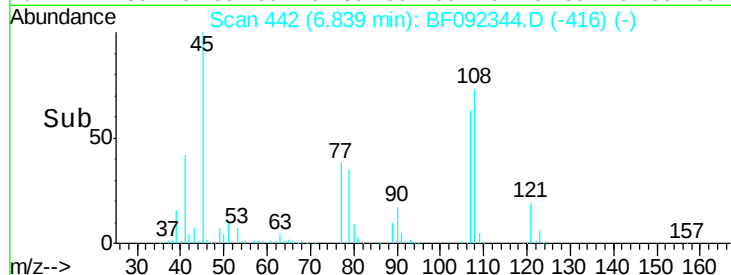
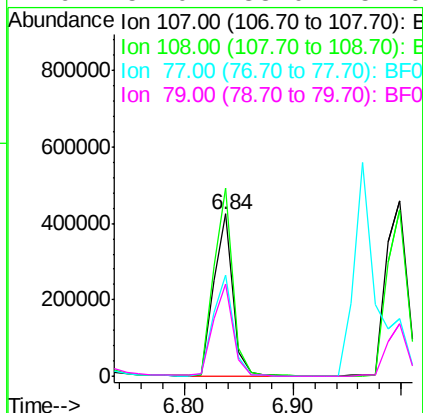
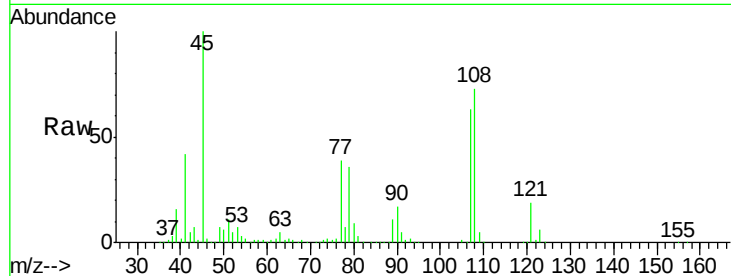




#17
2-Methylphenol
Concen: 58.67 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

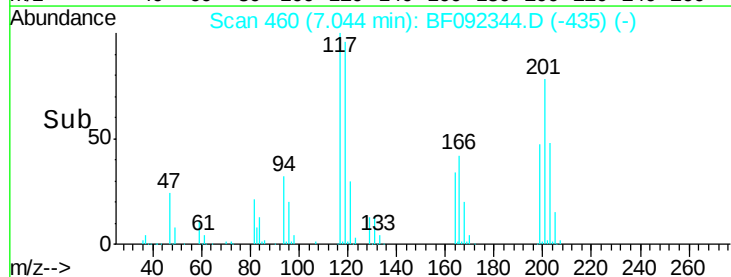
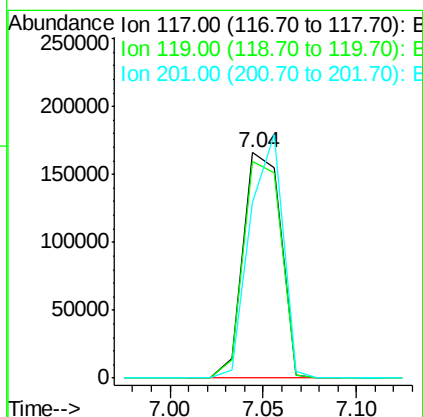
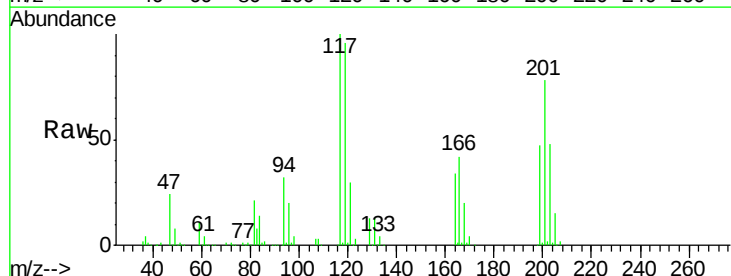
Instrument :
BNA_F
ClientSampleId :
SPK CHK

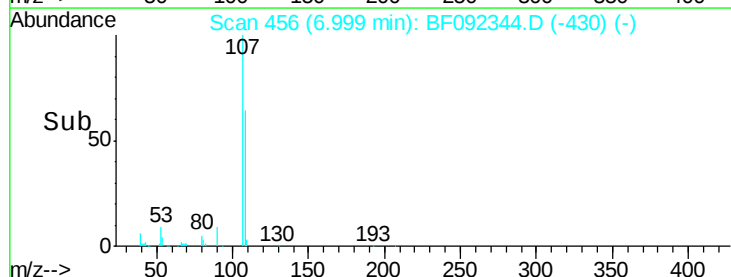
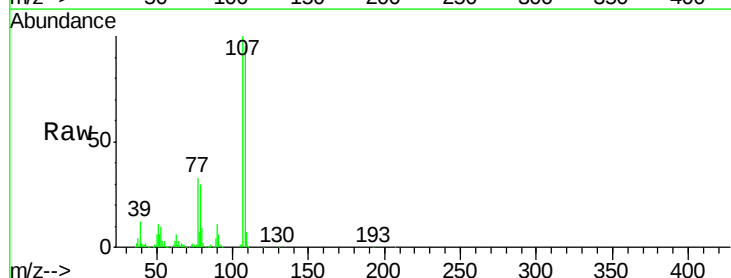
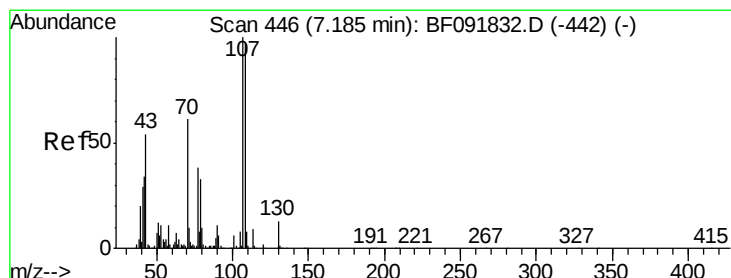
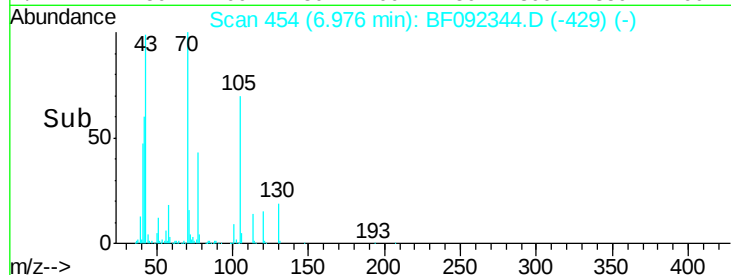
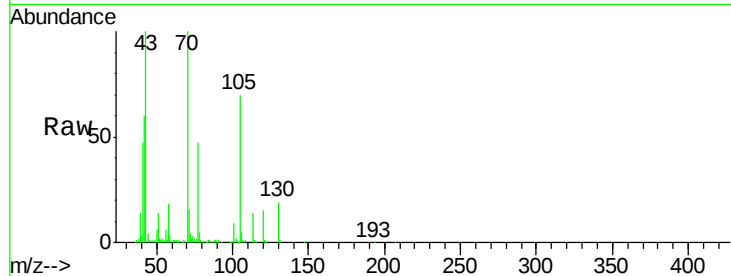
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.2	93.0	139.6
77	62.1	39.8	59.8
79	57.0	38.0	57.0



#18
Hexachloroethane
Concen: 52.41 ng
RT: 7.04 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.1	117.1
201	77.7	78.6	117.8

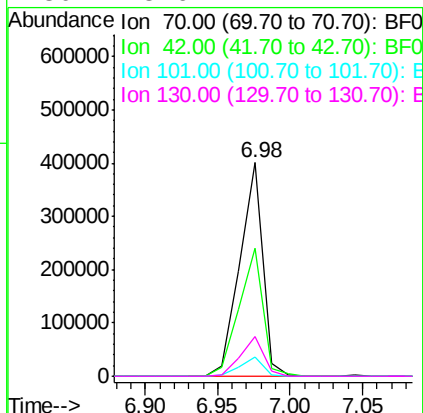




#19
n-Nitroso-di-n-propylamine
Concen: 56.57 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

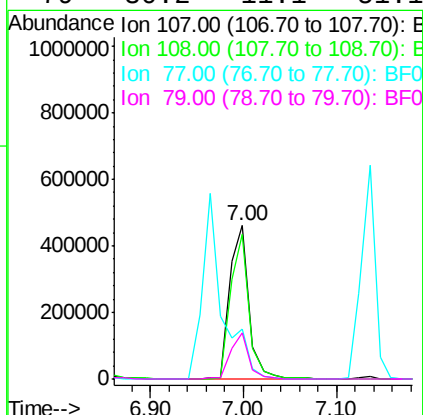
Instrument :
BNA_F
ClientSampleId :
SPK CHK

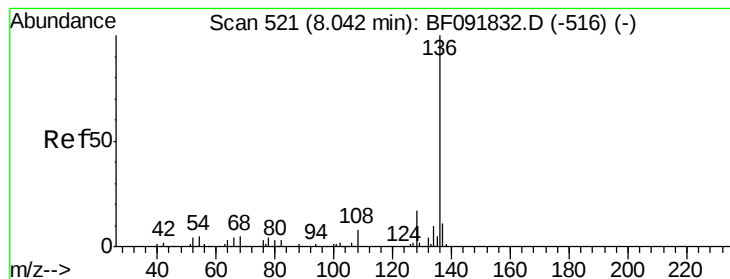
Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.0	49.4	74.0
101	9.0	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 62.51 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.8	73.0	113.0
77	32.6	71.3	111.3
79	30.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

Tgt Ion:136 Resp: 729540

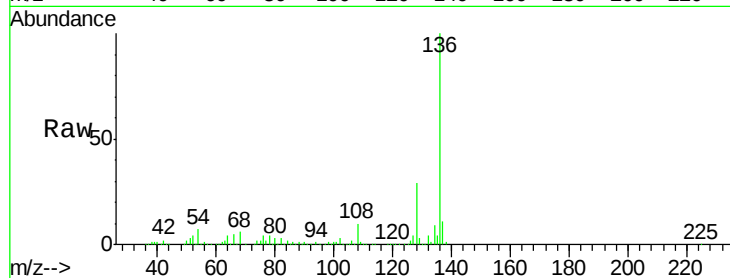
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 7.4 4.5 6.7#

68 5.8 3.6 5.4#

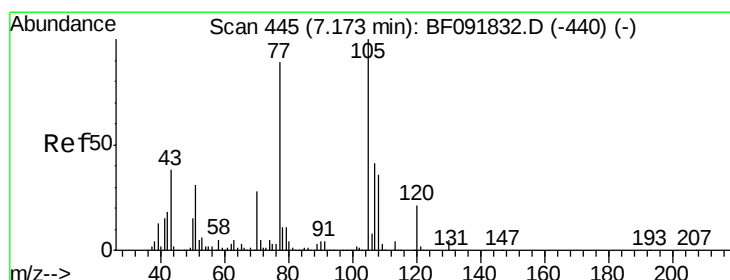
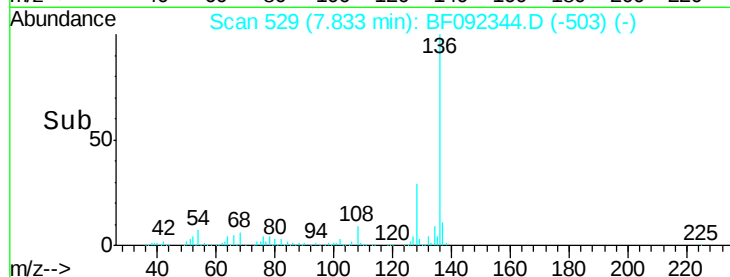
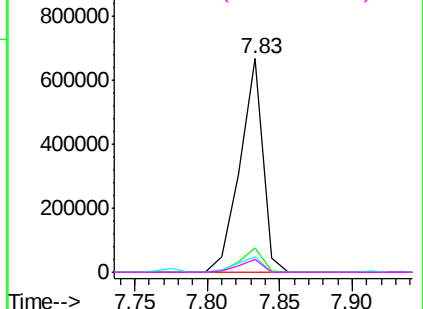


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.46 ng

RT: 6.96 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Tgt Ion:105 Resp: 871972

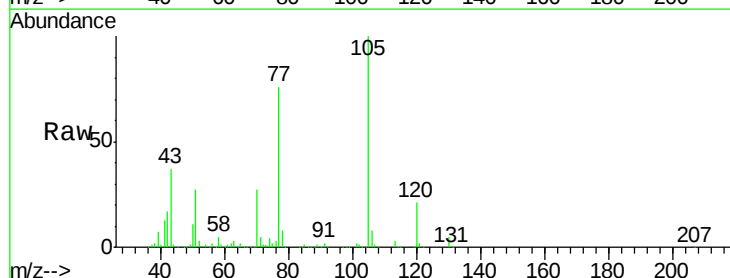
Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 26.6 26.2 39.4

120 20.6 16.6 24.8

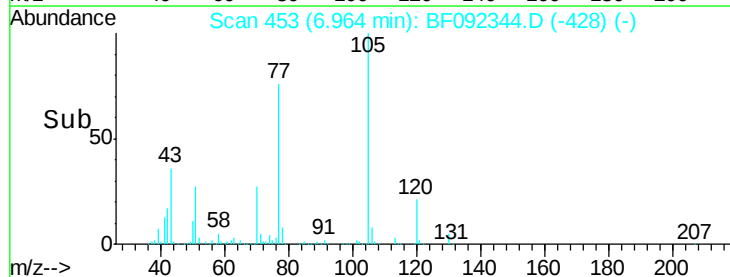
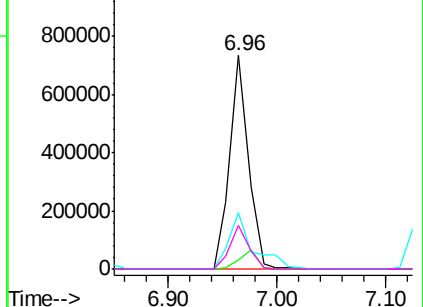


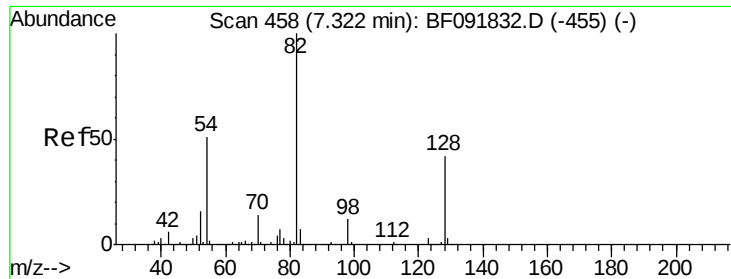
Abundance Ion 105.00 (104.70 to 105.70): E

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

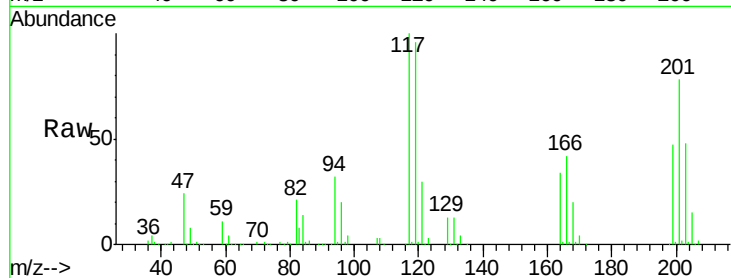




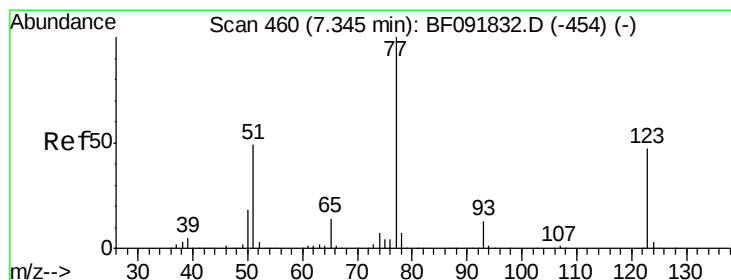
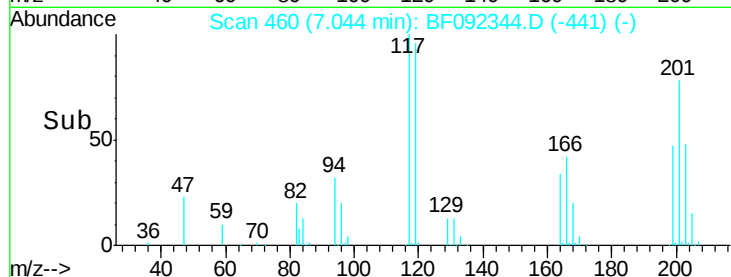
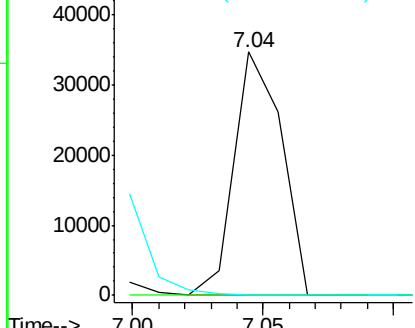
#23
Nitrobenzene-d5
Concen: 3.38 ng
RT: 7.04 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion: 82 Resp: 44291
Ion Ratio Lower Upper
82 100
128 0.0 34.6 52.0#
54 0.0 39.5 59.3#

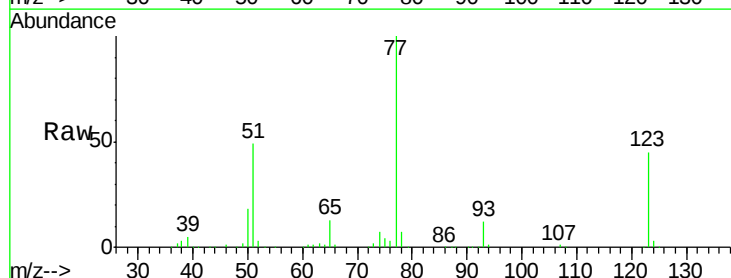


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

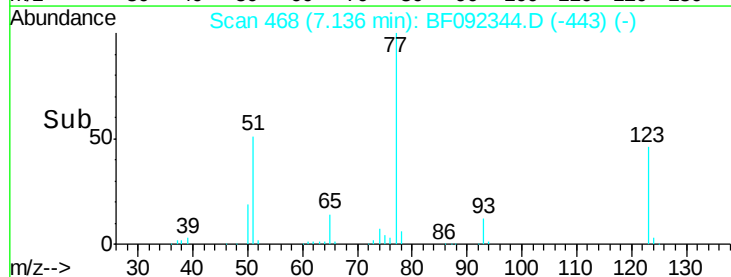
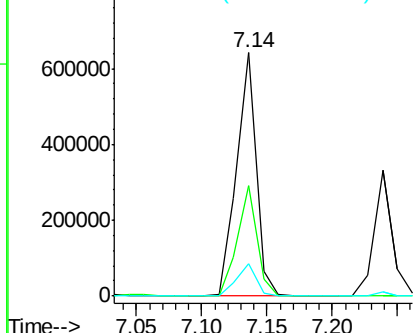


#24
Nitrobenzene
Concen: 47.79 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion: 77 Resp: 667821
Ion Ratio Lower Upper
77 100
123 45.2 33.0 49.4
65 13.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.85 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

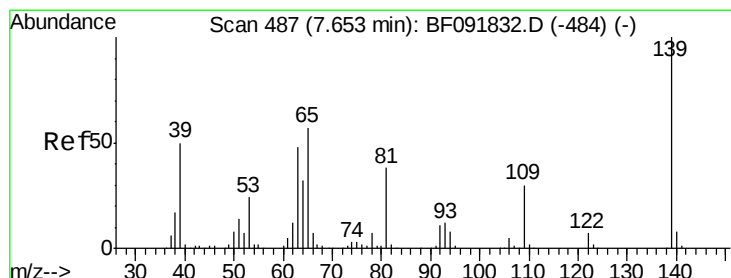
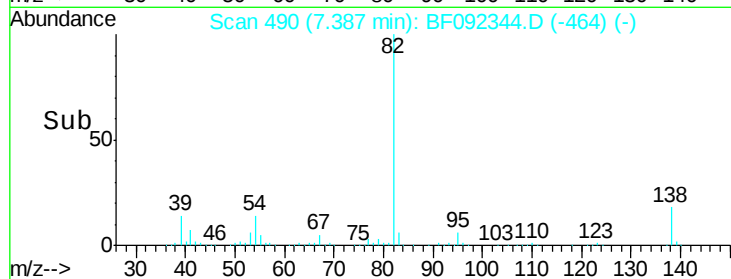
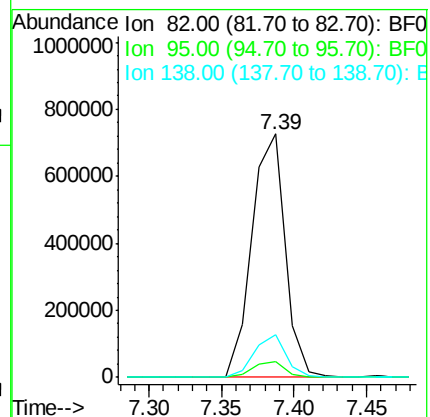
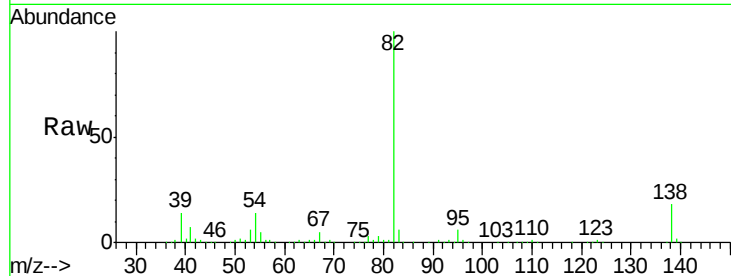
Tgt Ion: 82 Resp: 1158137

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.5 14.6 22.0



#26

2-Nitrophenol

Concen: 45.30 ng

RT: 7.46 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

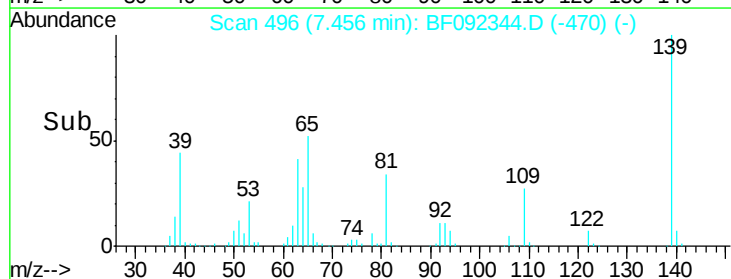
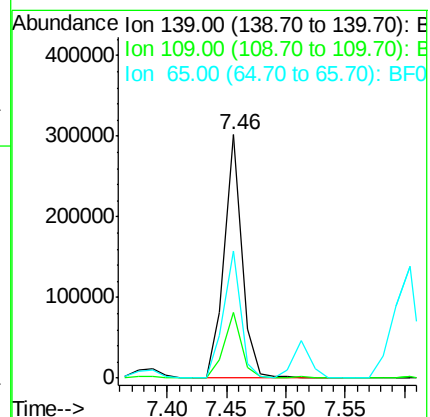
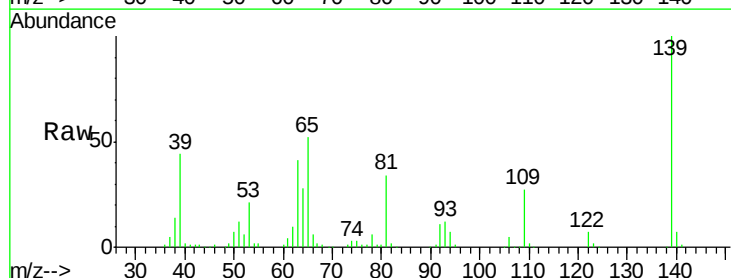
Tgt Ion: 139 Resp: 312157

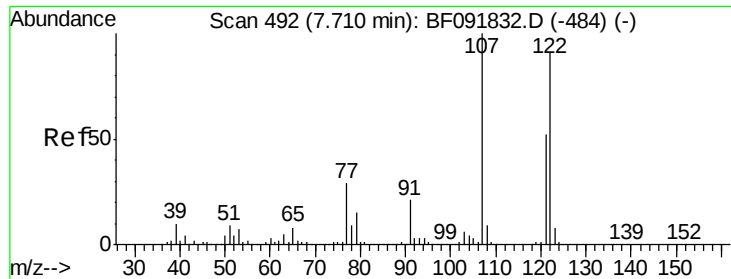
Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

65 52.5 42.7 64.1

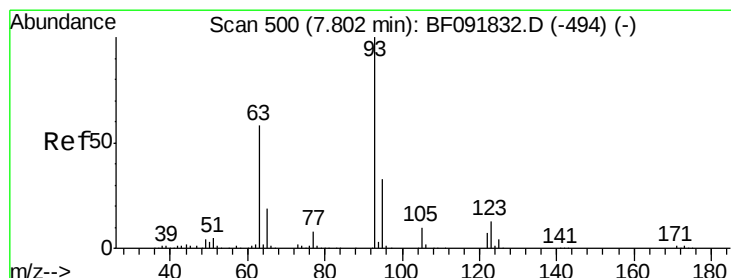
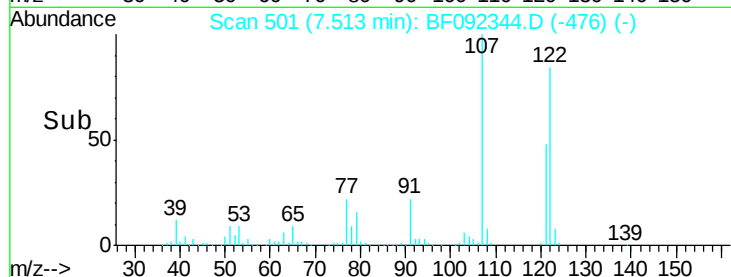
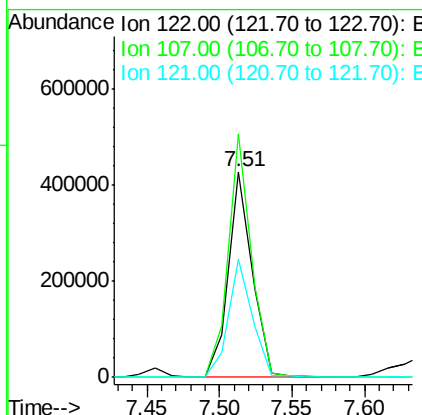
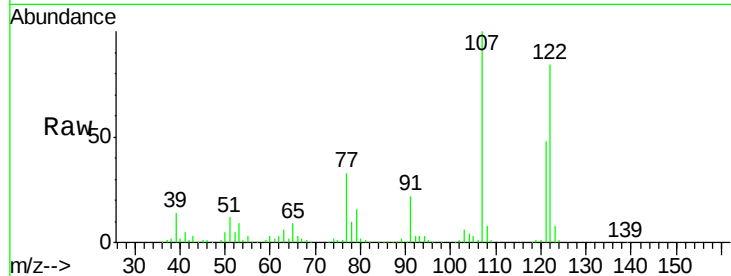




#27
2,4-Dimethylphenol
Concen: 42.72 ng
RT: 7.51 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

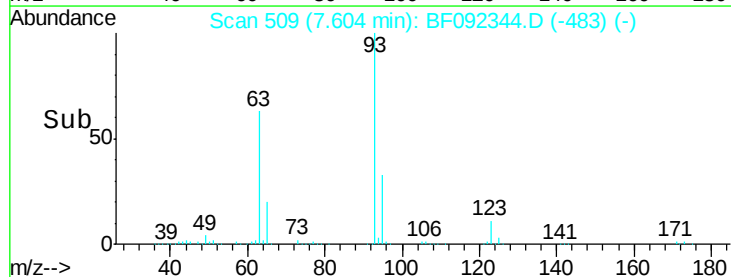
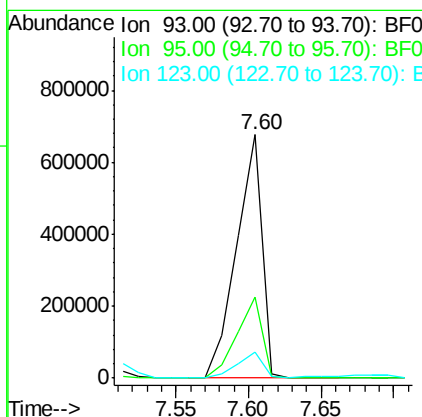
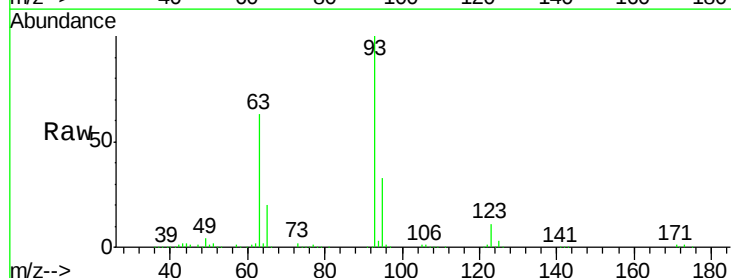
Instrument :
BNA_F
ClientSampleId :
SPK CHK

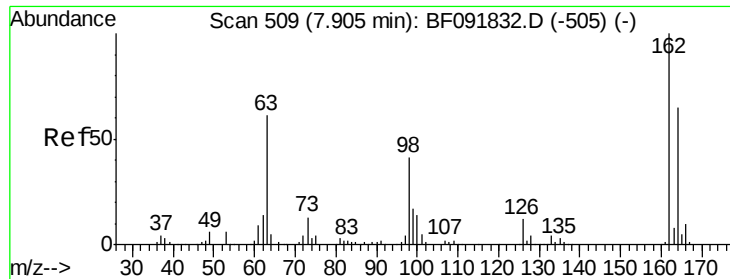
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	94.1	141.1
121	57.3	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 56.47 ng
RT: 7.60 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.9	8.6	13.0

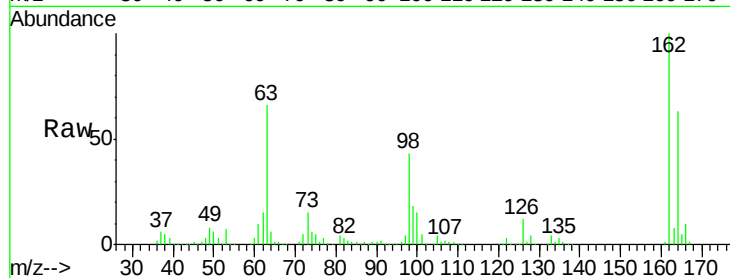




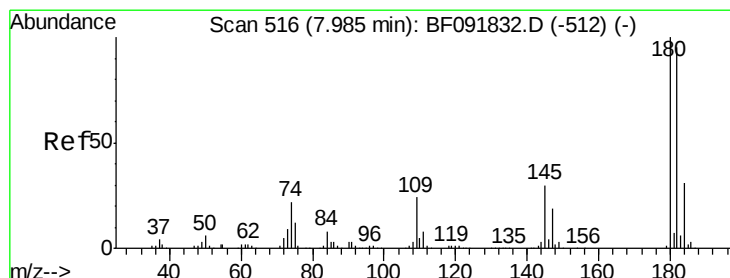
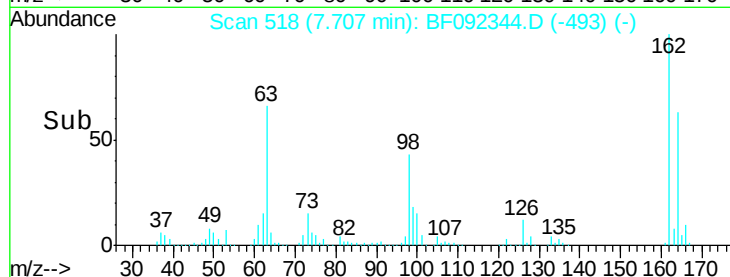
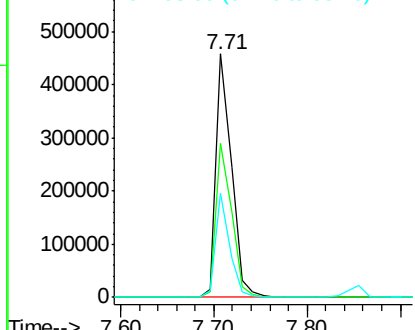
#29
2,4-Dichlorophenol
Concen: 54.45 ng
RT: 7.71 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:162 Resp: 526947
Ion Ratio Lower Upper
162 100
164 63.2 46.8 86.8
98 42.7 9.1 49.1

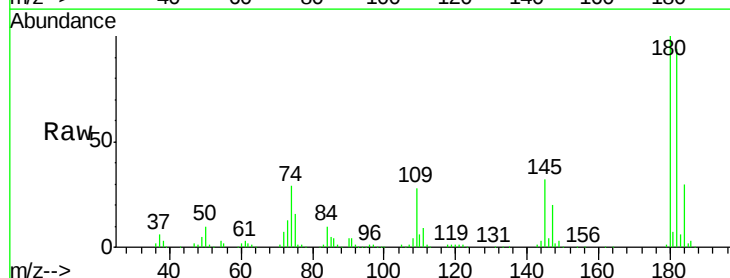


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

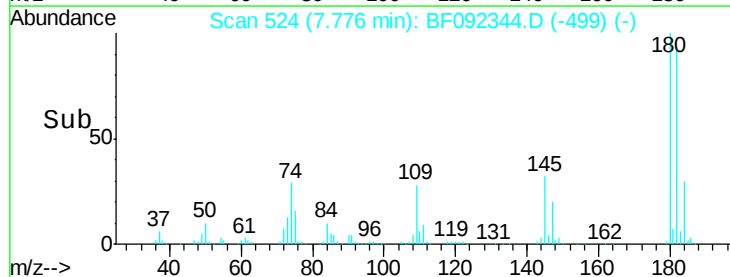
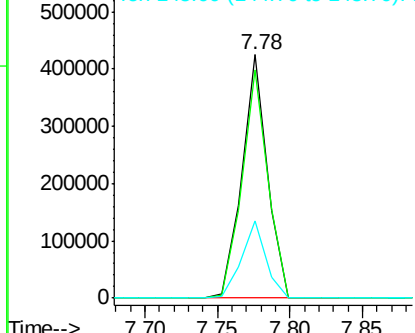


#30
1,2,4-Trichlorobenzene
Concen: 48.33 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:180 Resp: 512532
Ion Ratio Lower Upper
180 100
182 93.9 78.2 117.4
145 31.7 21.6 32.4



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: 54.46 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

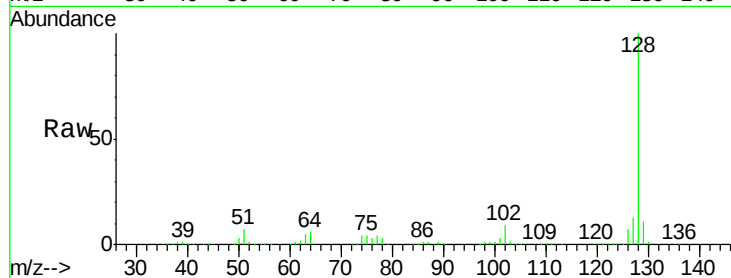
Tgt Ion:128 Resp: 1818505

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

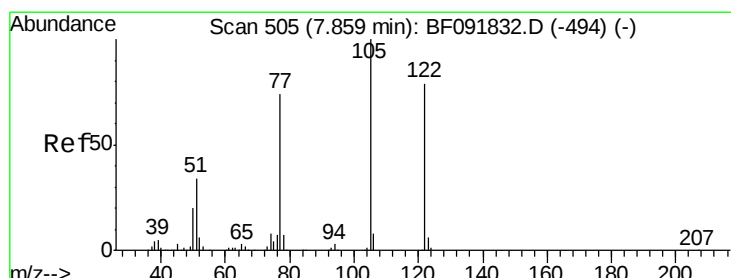
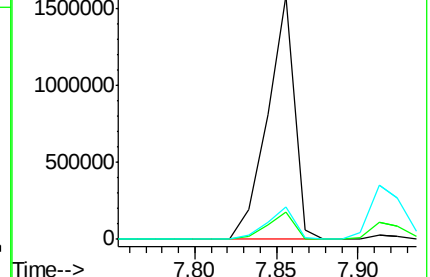
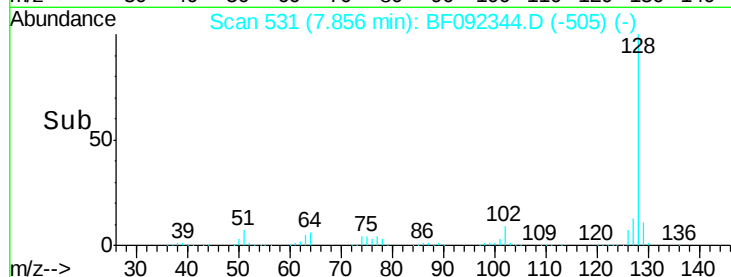
127 13.2 10.8 16.2



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: 44.69 ng

RT: 7.70 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

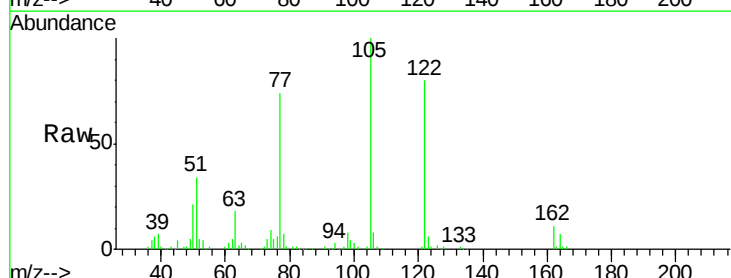
Tgt Ion:122 Resp: 378830

Ion Ratio Lower Upper

122 100

105 124.7 107.2 147.2

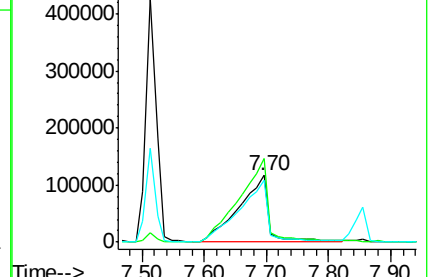
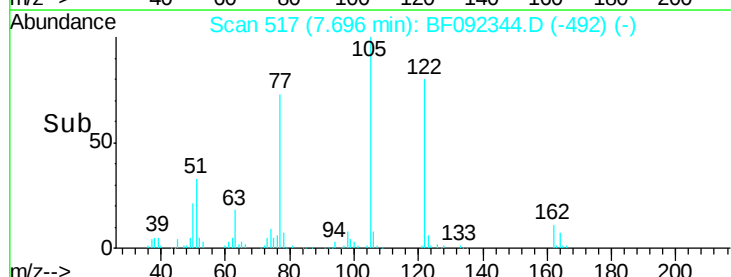
77 92.4 74.5 114.5



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

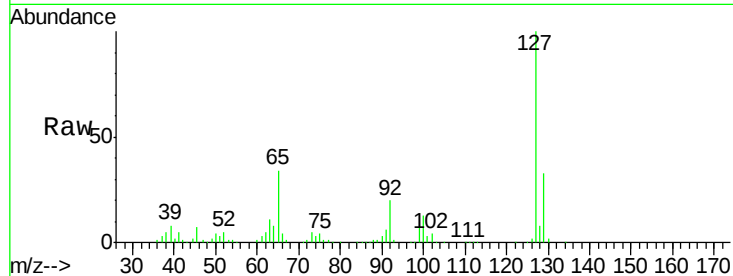




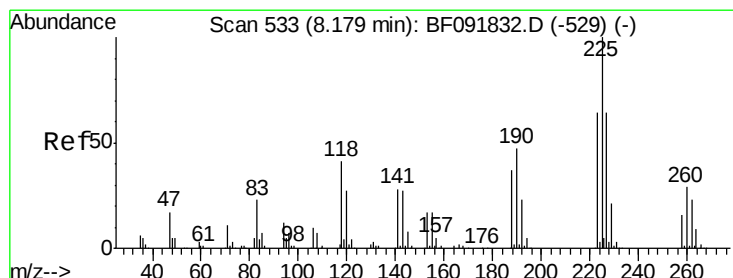
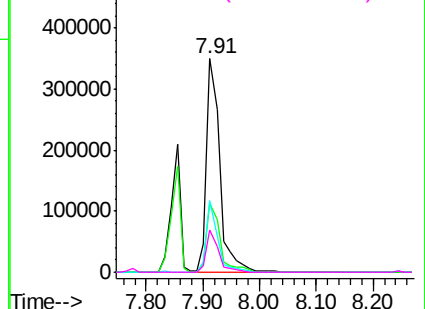
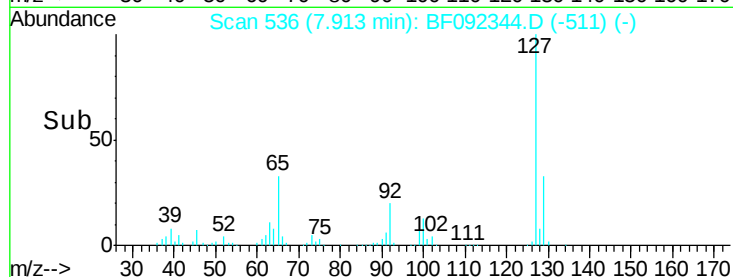
#33
4-Chloroaniline
Concen: 36.32 ng
RT: 7.91 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:	127	Resp:	546781
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	33.7	25.8	38.8
92	20.1	16.1	24.1

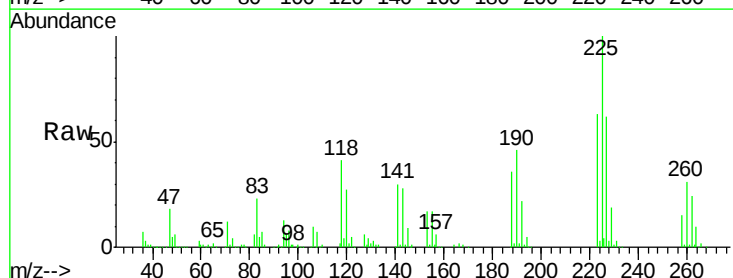


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

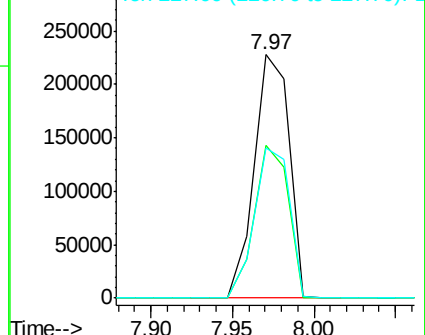
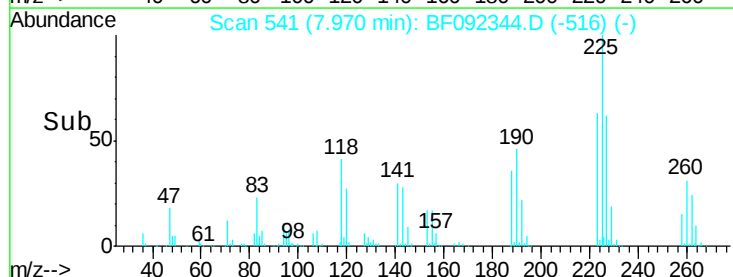


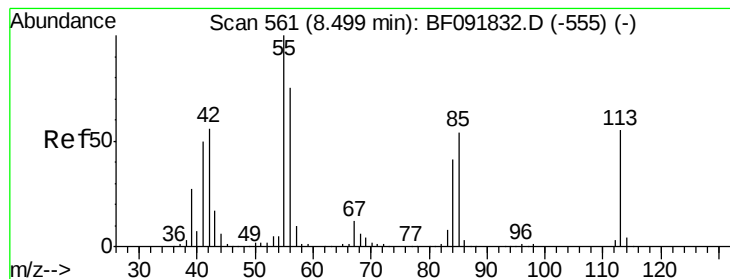
#34
Hexachlorobutadiene
Concen: 60.46 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:	225	Resp:	338479
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	61.9	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 64.75 ng m

RT: 8.30 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampled :

SPK CHK

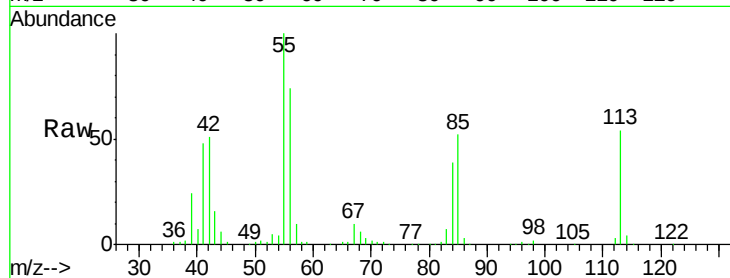
Tgt Ion:113 Resp: 205924

Ion Ratio Lower Upper

113 100

55 185.7 119.2 159.2#

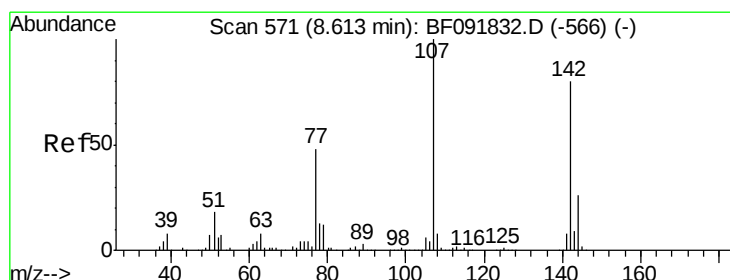
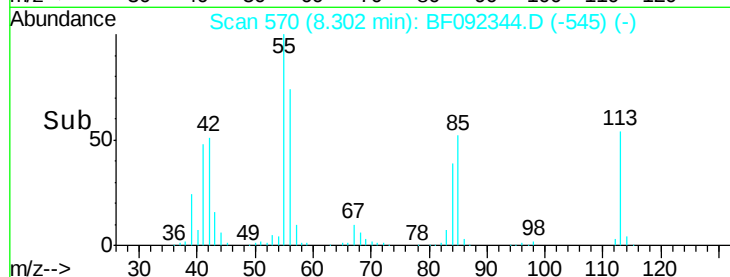
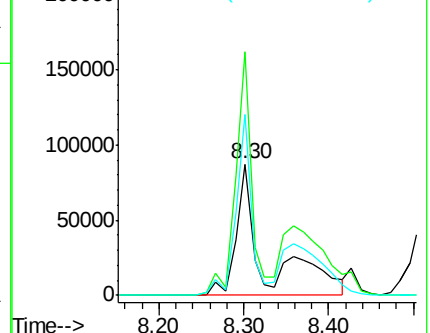
56 138.0 83.8 123.8#



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: 58.16 ng

RT: 8.43 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

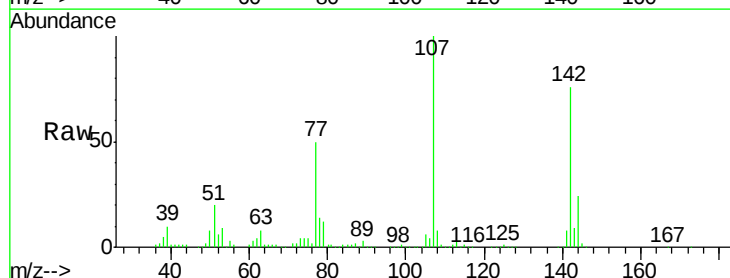
Tgt Ion:107 Resp: 647689

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

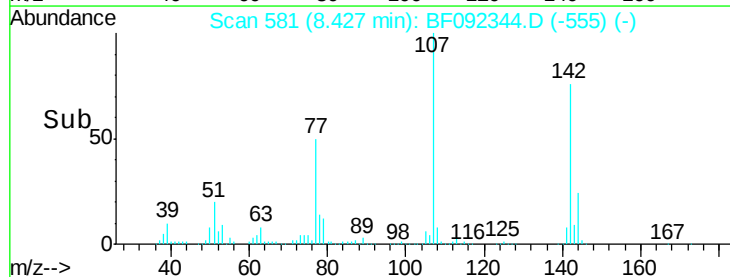
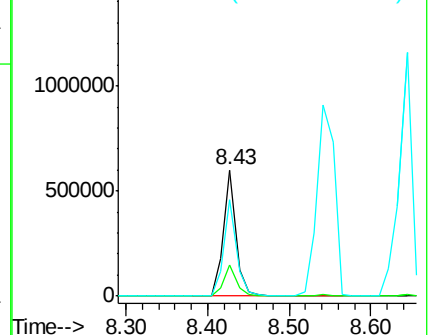
142 76.3 59.0 88.6

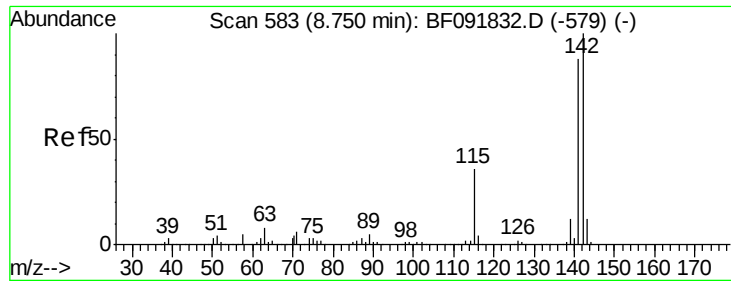


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

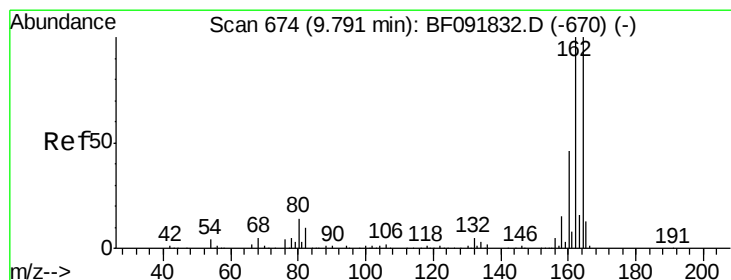
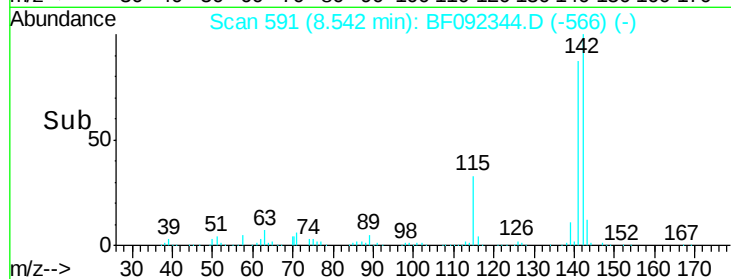
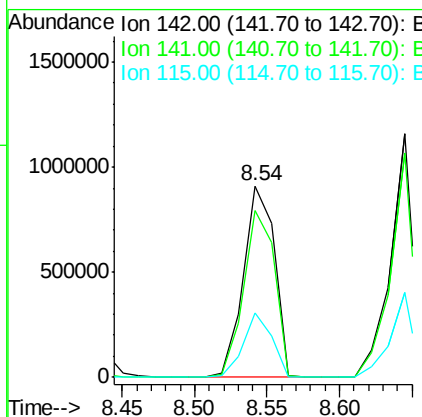
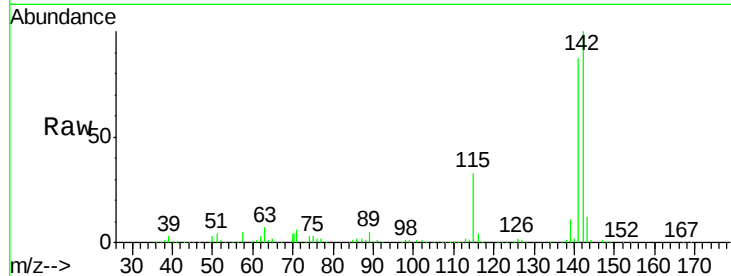




#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.54 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

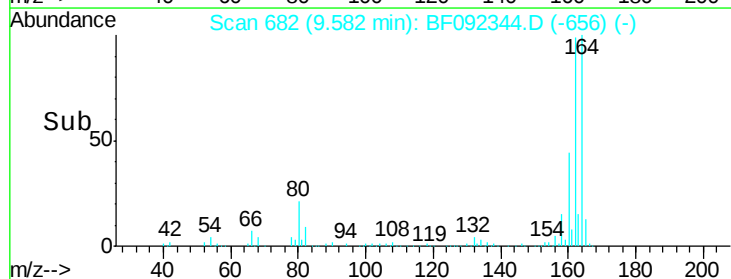
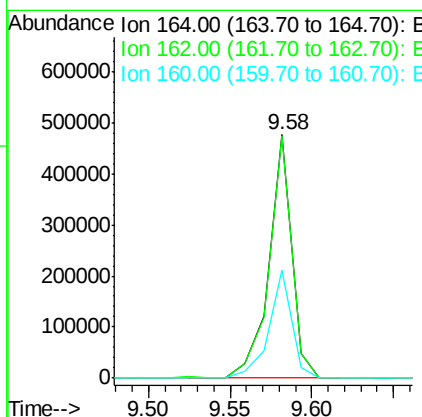
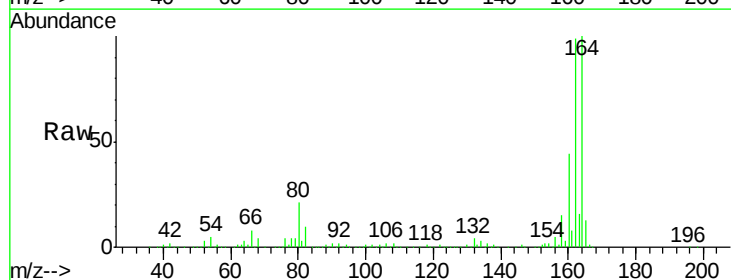
Instrument :
BNA_F
ClientSampleId :
SPK CHK

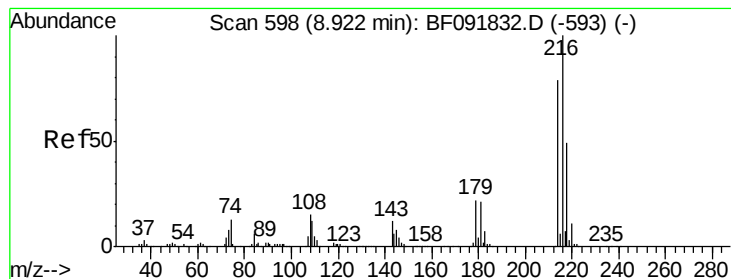
Tgt Ion:142 Resp: 1350041
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.6
115 33.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:164 Resp: 463356
Ion Ratio Lower Upper
164 100
162 99.5 80.2 120.2
160 44.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.43 ng

RT: 8.71 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

Tgt Ion:216 Resp: 555228

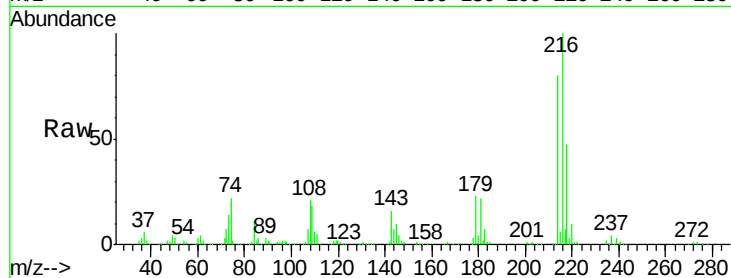
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 21.8 17.4 26.2

108 22.0 15.6 23.4

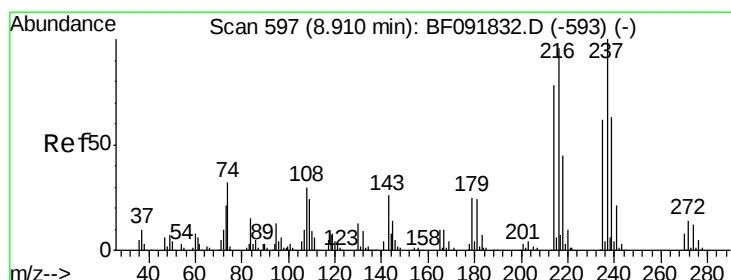
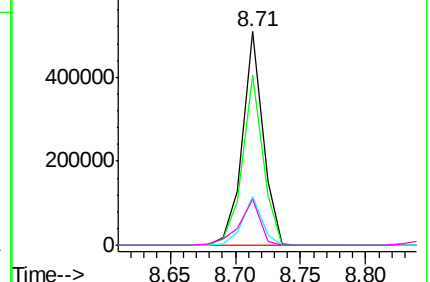
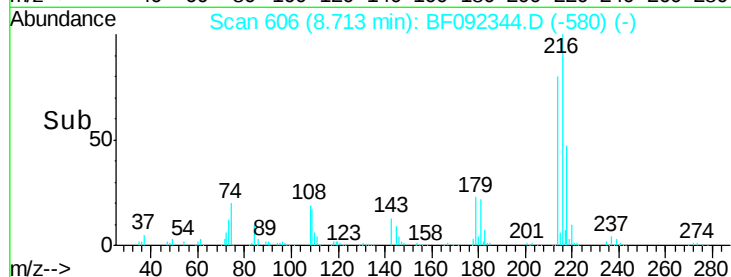


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.54 ng

RT: 8.70 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

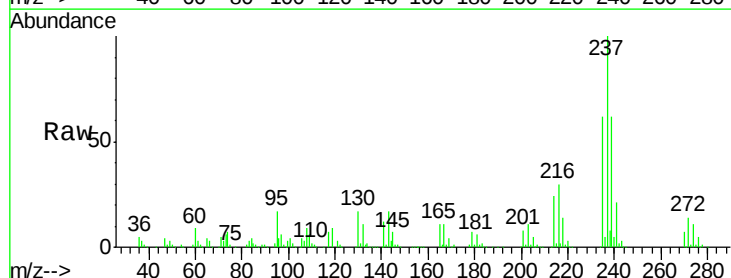
Tgt Ion:237 Resp: 442006

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

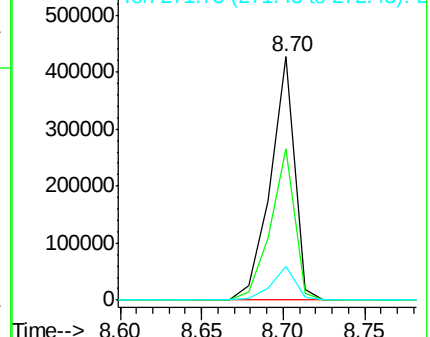
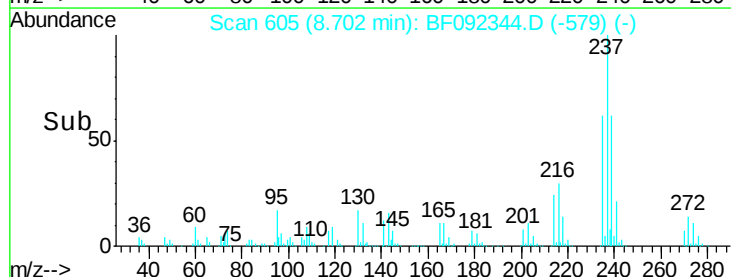
272 13.8 0.0 35.4

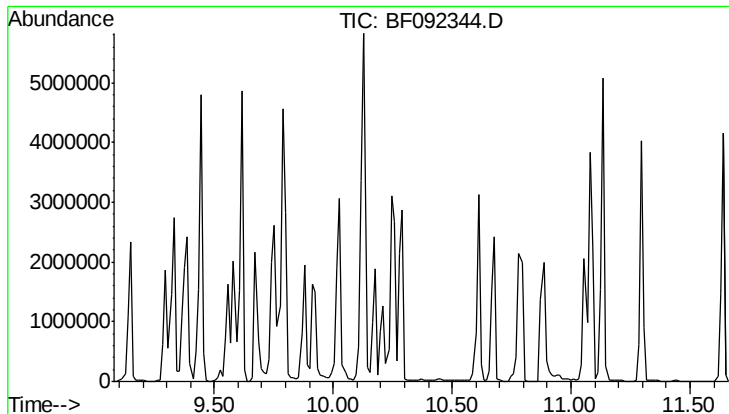


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.37 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

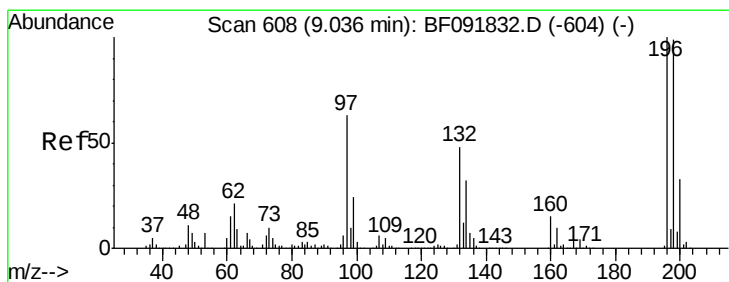
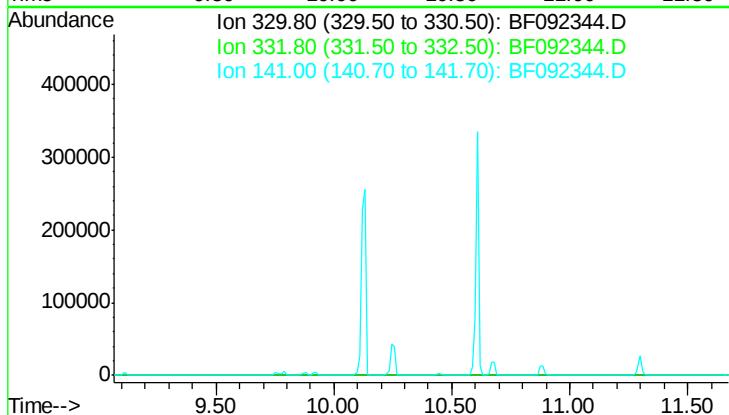
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.8

141 42.6



#42

2,4,6-Trichlorophenol

Concen: 46.97 ng

RT: 8.84 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

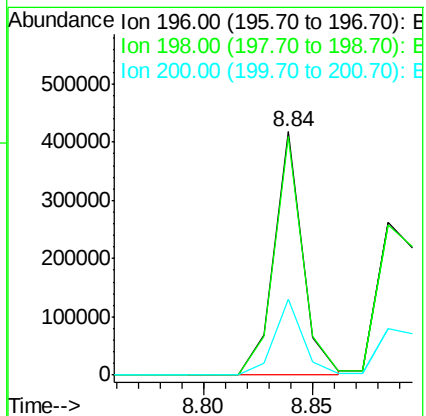
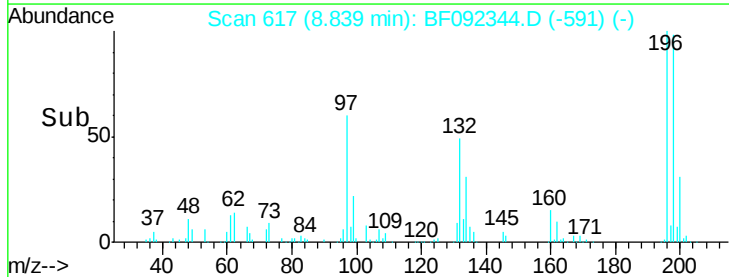
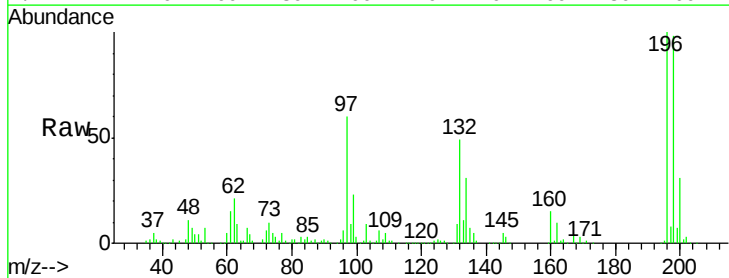
Tgt Ion:196 Resp: 384533

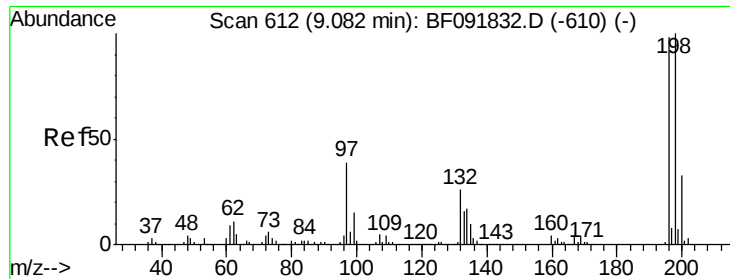
Ion Ratio Lower Upper

196 100

198 97.9 82.1 123.1

200 31.3 27.0 40.4

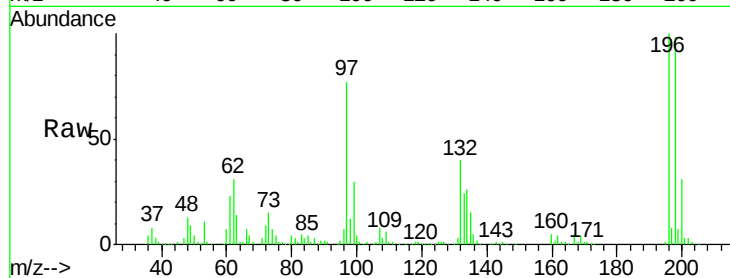




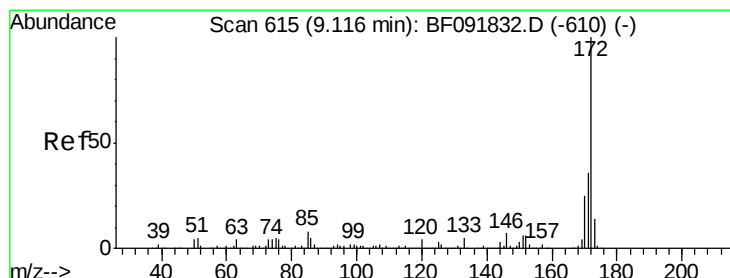
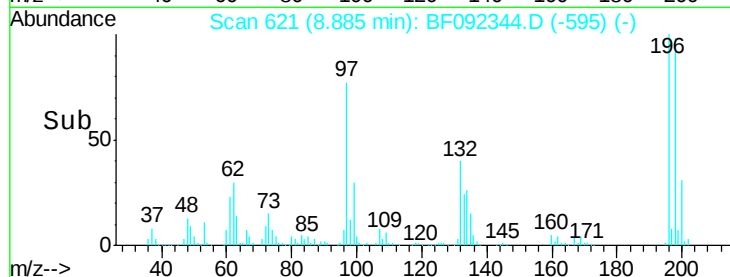
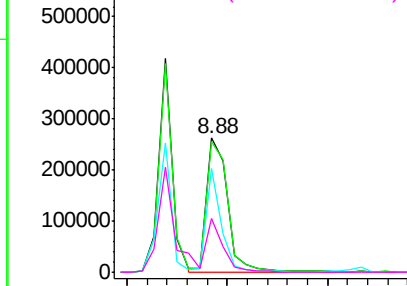
#43
 2,4,5-Trichlorophenol
 Concen: 44.93 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion:196 Resp: 378580
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.4 119.2
 97 77.5 51.5 77.3#
 132 40.1 27.4 41.2

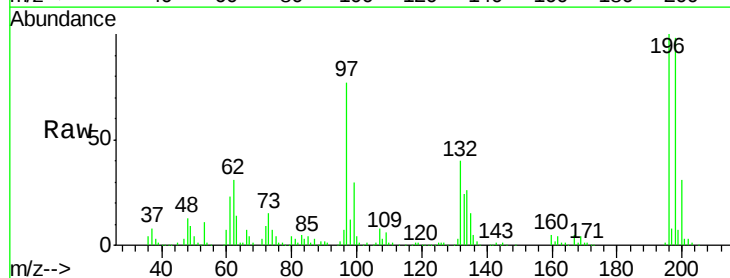


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

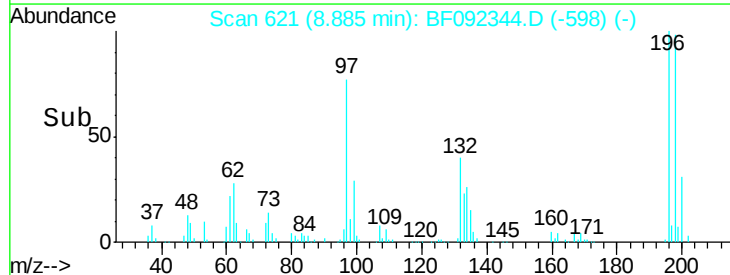
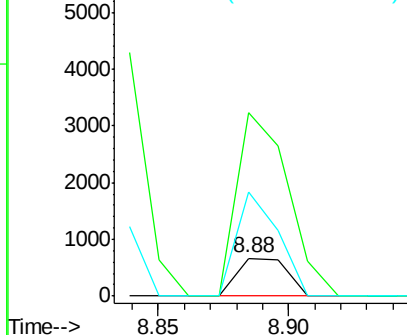


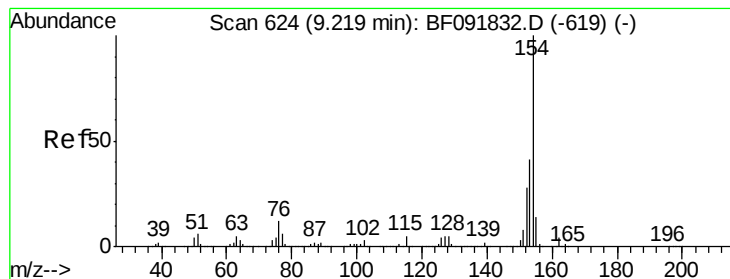
#44
 2-Fluorobiphenyl
 Concen: -15.16 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion:172 Resp: 889
 Ion Ratio Lower Upper
 172 100
 171 489.1 29.4 44.0#
 170 277.6 20.2 30.4#



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: 48.38 ng

RT: 9.01 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

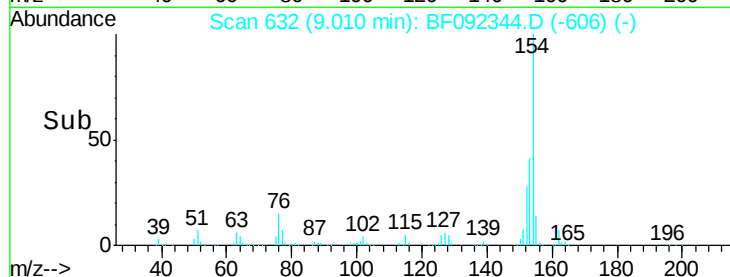
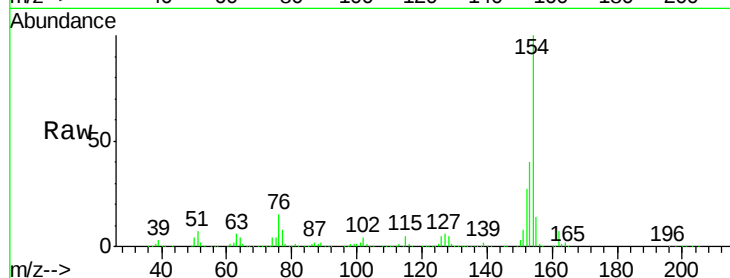
Tgt Ion:154 Resp: 1534944

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

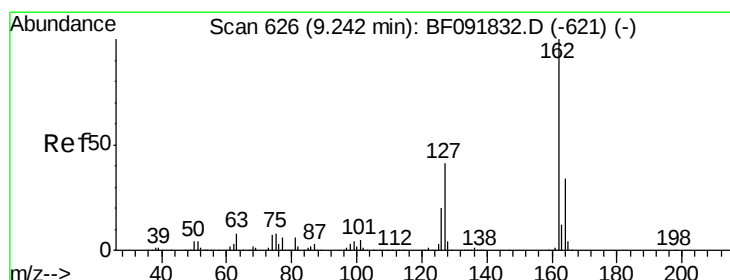
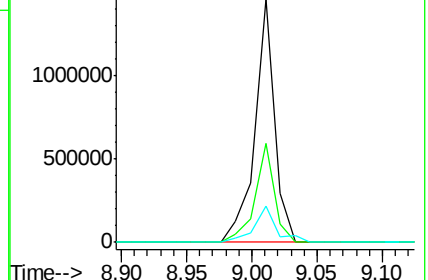
76 15.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.95 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

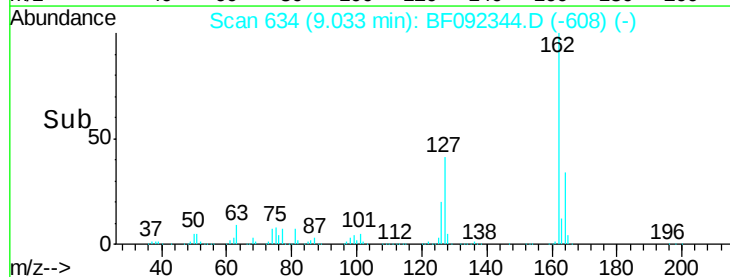
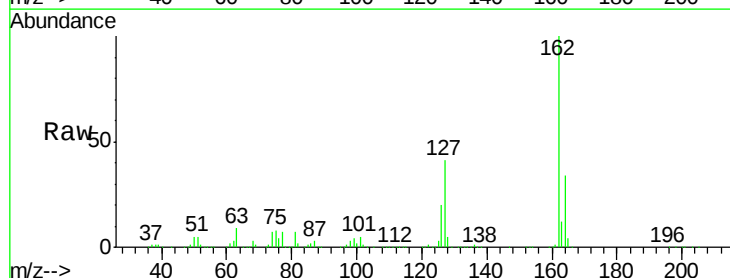
Tgt Ion:162 Resp: 1204645

Ion Ratio Lower Upper

162 100

127 41.5 30.7 46.1

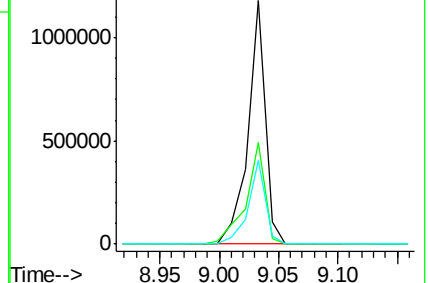
164 34.3 27.6 41.4

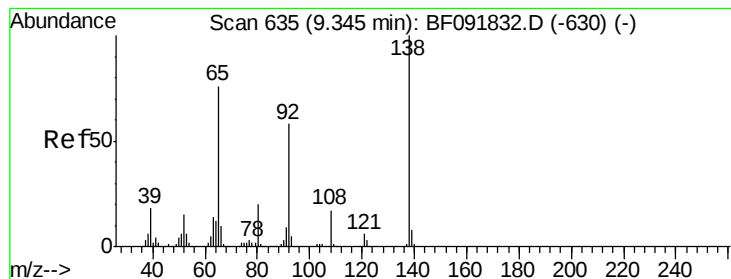


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.56 ng

RT: 9.15 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

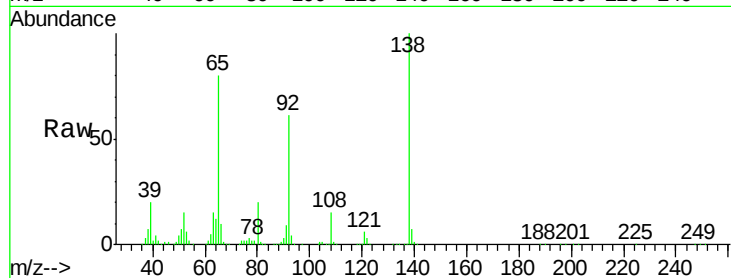
Tgt Ion: 65 Resp: 461252

Ion Ratio Lower Upper

65 100

92 76.4 53.9 80.9

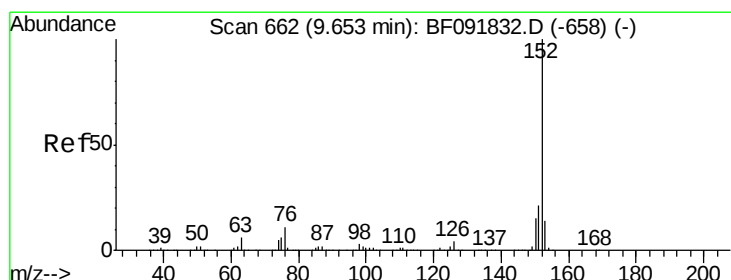
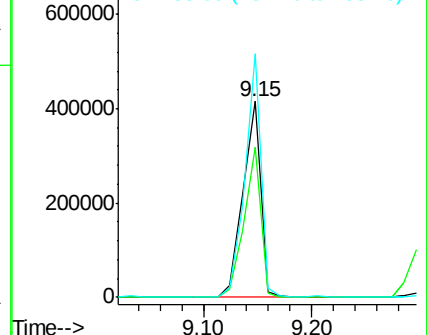
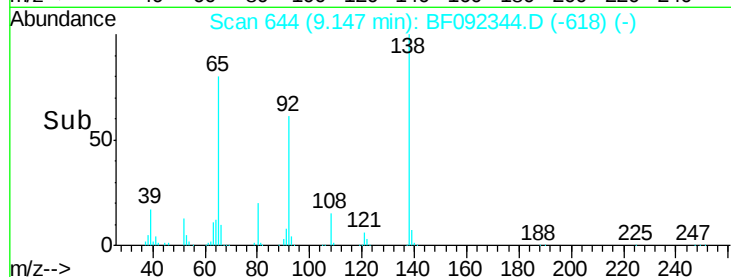
138 124.3 76.8 115.2#



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): BF0



#48

Acenaphthylene

Concen: 47.54 ng

RT: 9.44 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

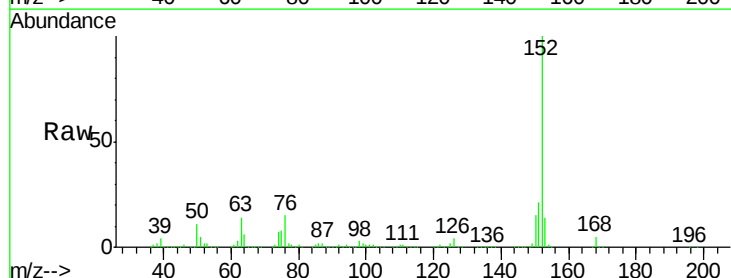
Tgt Ion:152 Resp: 1836878

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

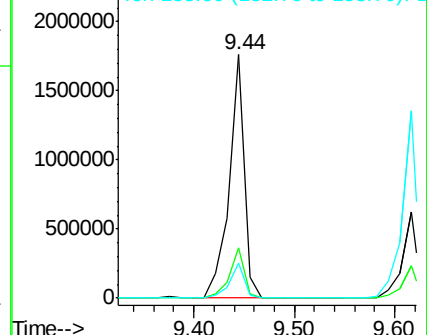
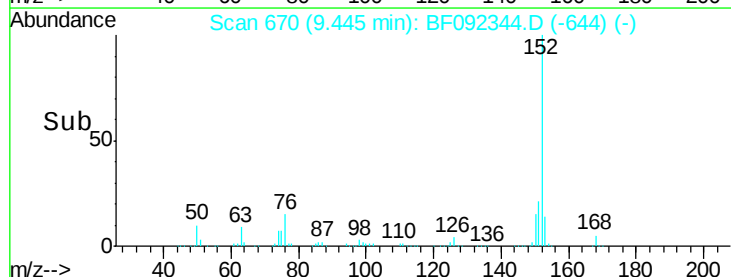
153 14.4 11.4 17.2

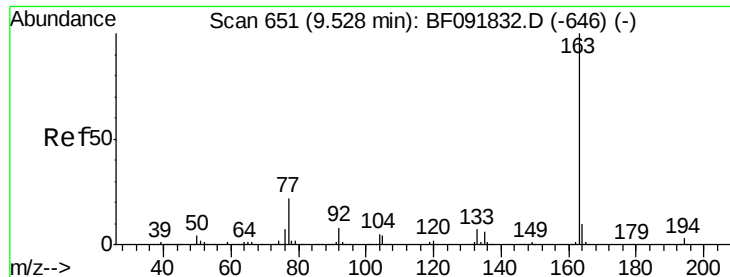


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 50.83 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

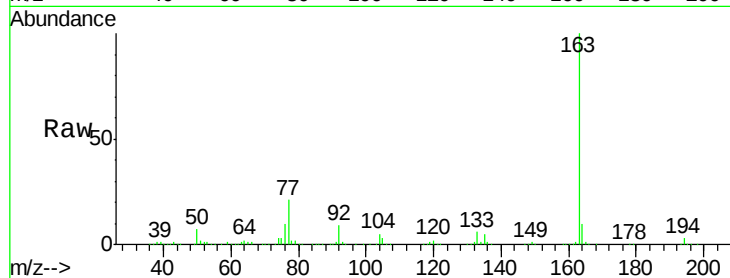
Tgt Ion:163 Resp: 1506469

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

164 10.4 8.0 12.0

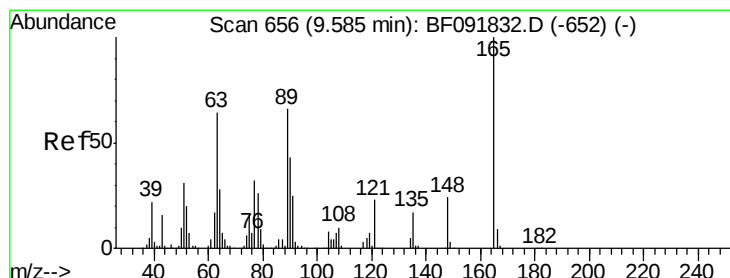
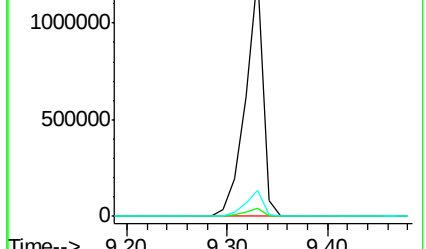
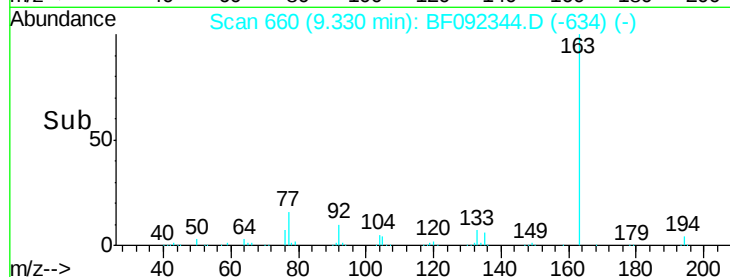


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#50

2,6-Dinitrotoluene

Concen: 46.66 ng

RT: 9.39 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

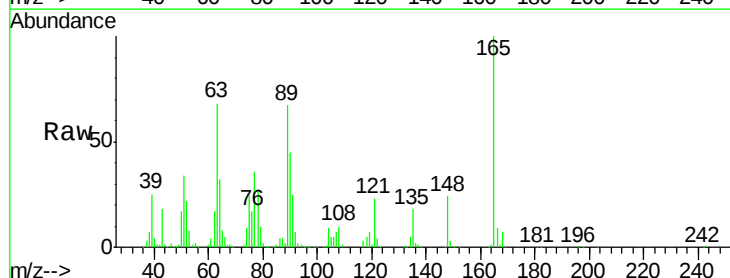
Tgt Ion:165 Resp: 302669

Ion Ratio Lower Upper

165 100

63 68.4 36.2 54.4#

89 66.7 40.2 60.4#

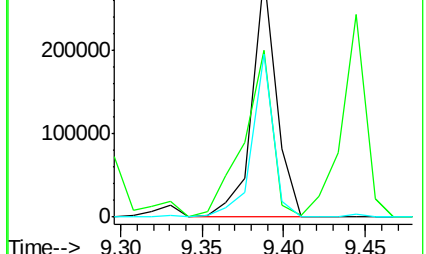
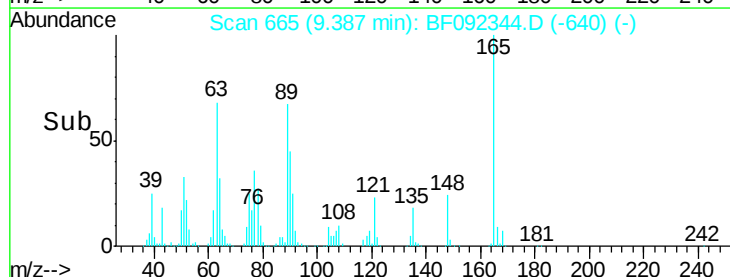


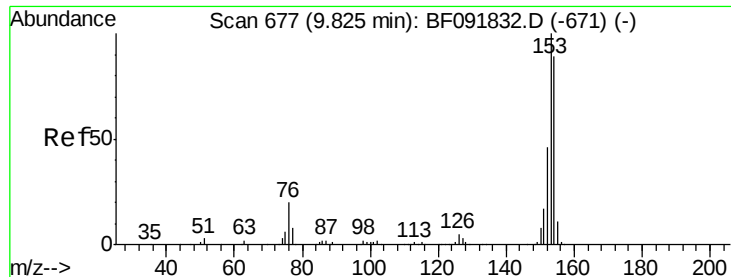
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->





#51

Acenaphthene

Concen: 45.60 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

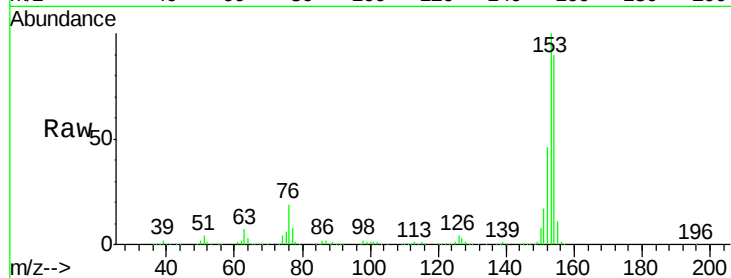
Tgt Ion:154 Resp: 1194554

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

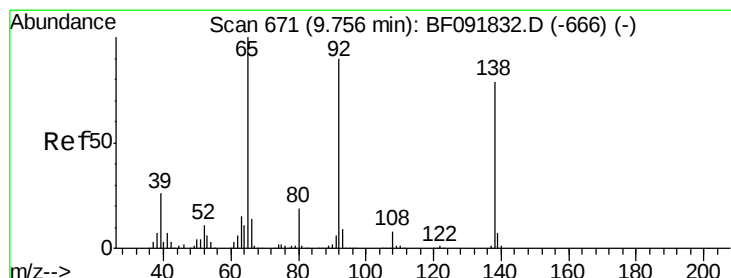
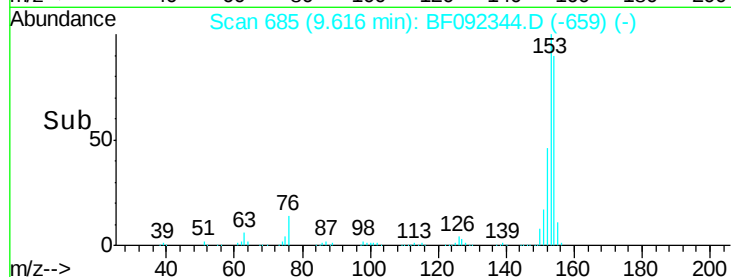
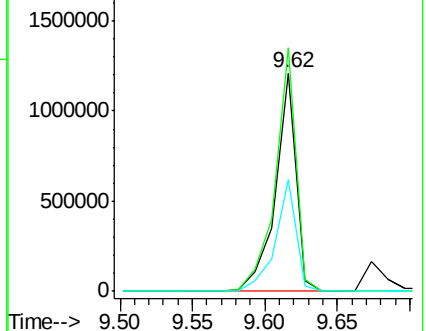
152 51.4 41.6 62.4



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: 37.21 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

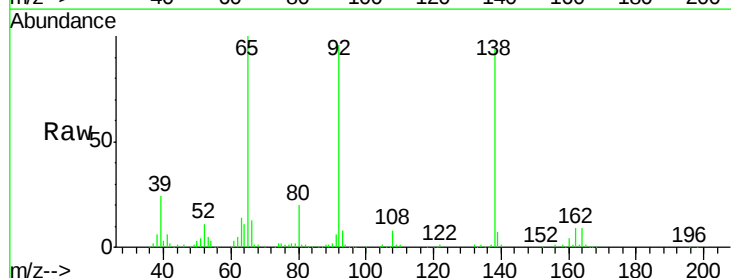
Tgt Ion:138 Resp: 298733

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

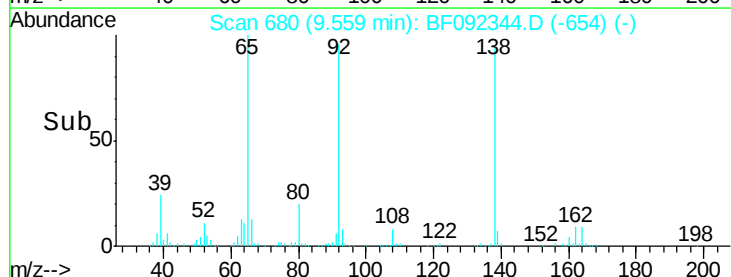
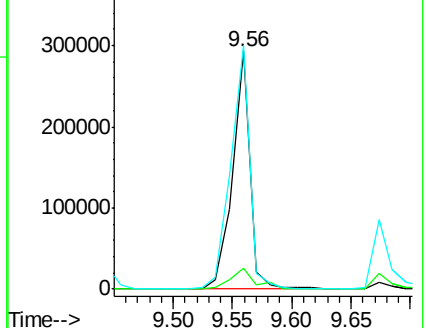
92 102.3 97.8 146.8

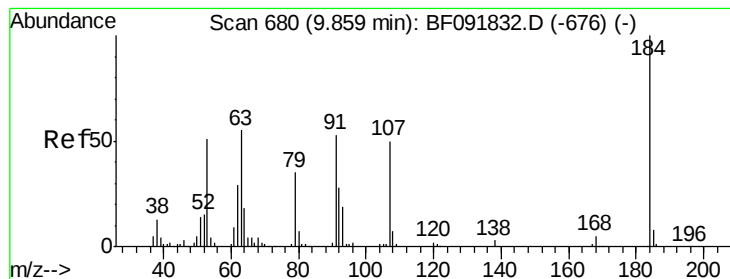


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 93.00 ng

RT: 9.67 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

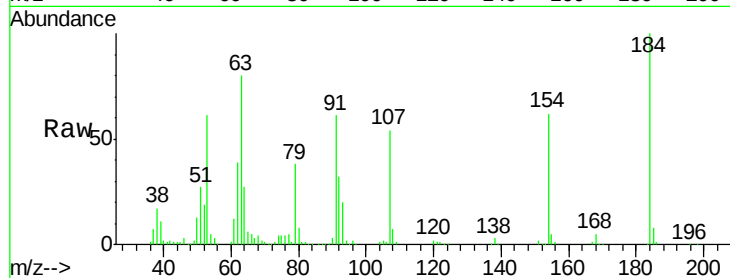
Tgt Ion:184 Resp: 335668

Ion Ratio Lower Upper

184 100

63 80.0 28.4 42.6#

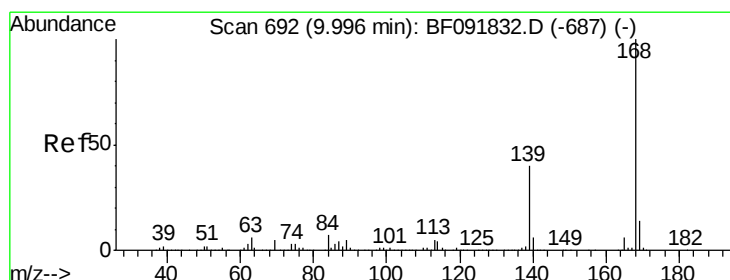
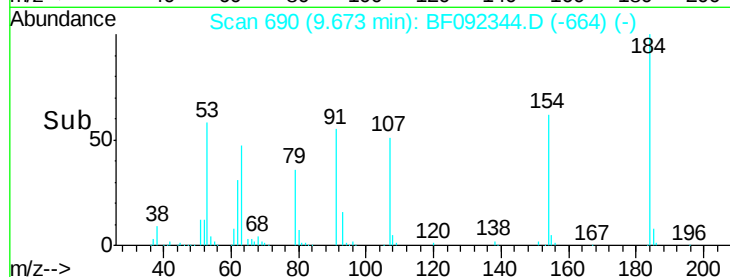
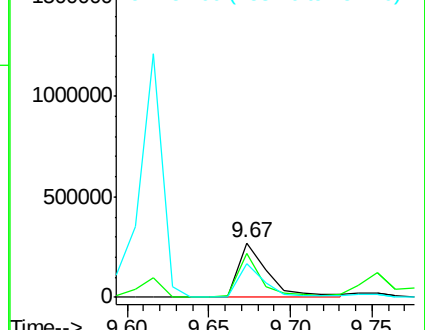
154 62.1 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.87 ng

RT: 9.79 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

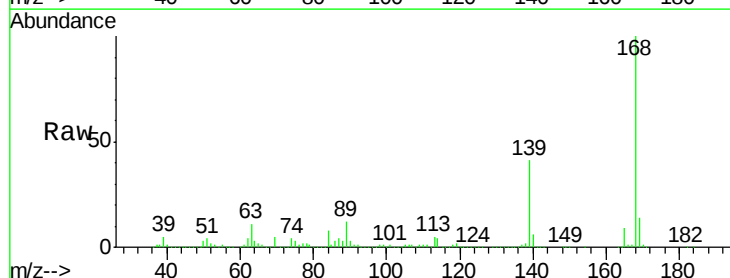
Tgt Ion:168 Resp: 1551959

Ion Ratio Lower Upper

168 100

139 41.5 32.6 49.0

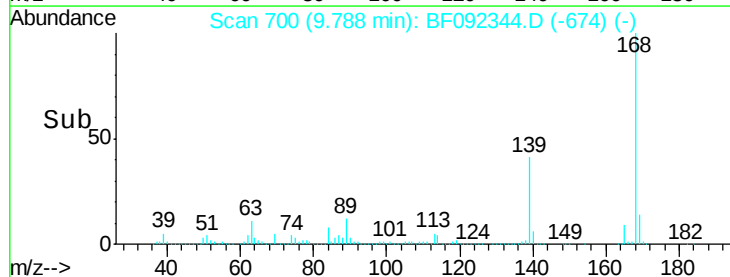
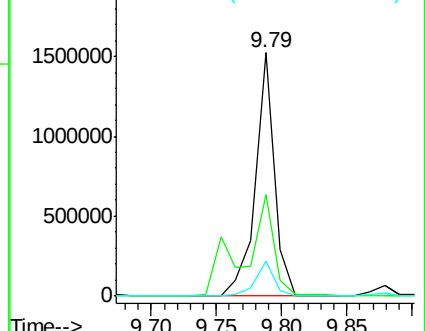
169 14.2 11.3 16.9

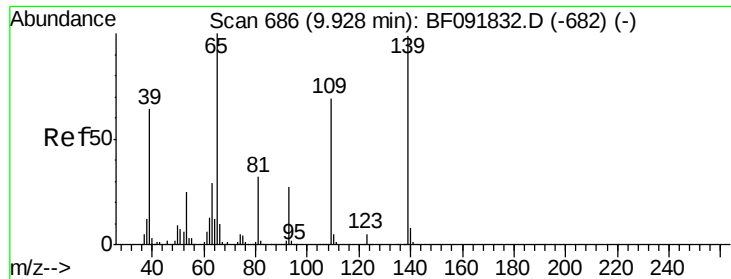


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

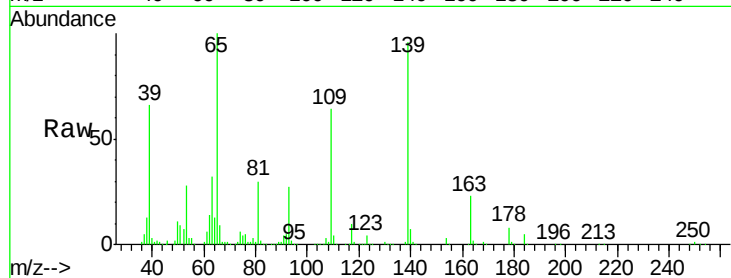




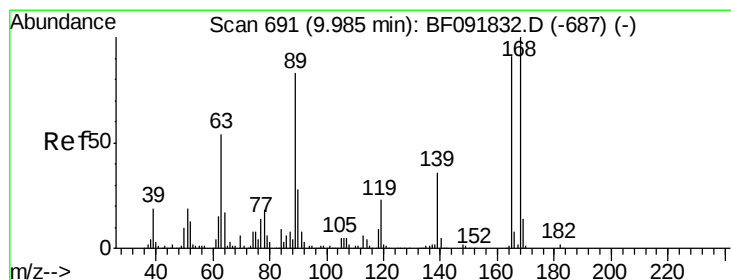
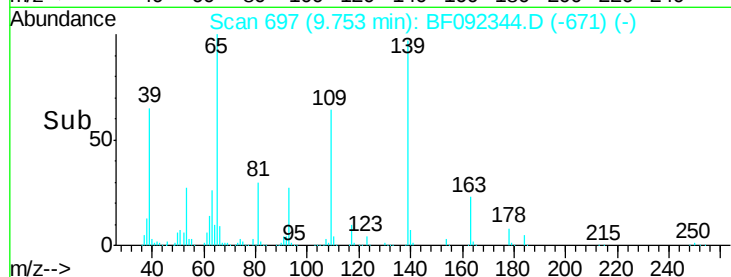
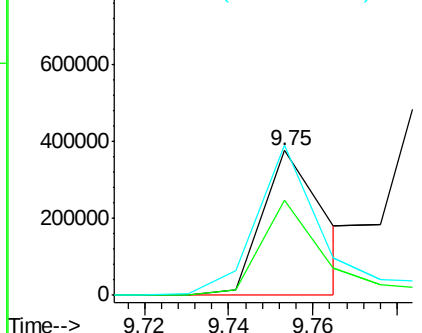
#55
4-Nitrophenol
Concen: 71.40 ng m
RT: 9.75 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:139 Resp: 389182
Ion Ratio Lower Upper
139 100
109 66.2 52.2 92.2
65 103.9 85.8 125.8

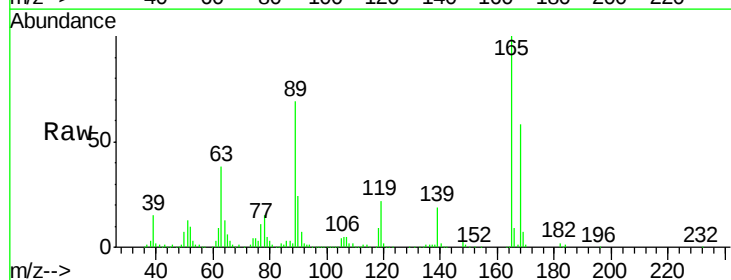


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

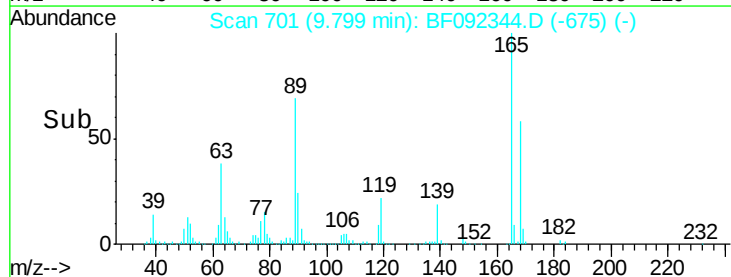
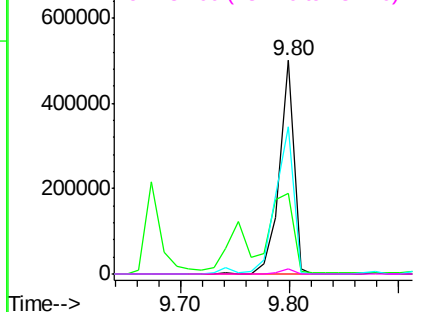


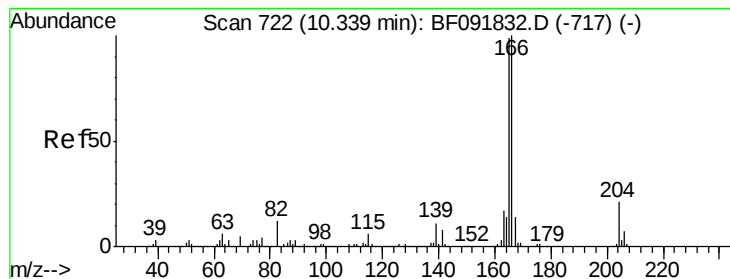
#56
2,4-Dinitrotoluene
Concen: 56.95 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:165 Resp: 463677
Ion Ratio Lower Upper
165 100
63 38.0 40.2 60.4#
89 68.8 62.5 93.7
182 2.3 1.8 2.8



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.84 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

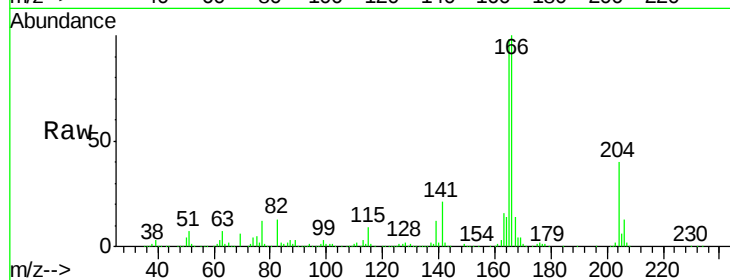
Tgt Ion:166 Resp: 1231446

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

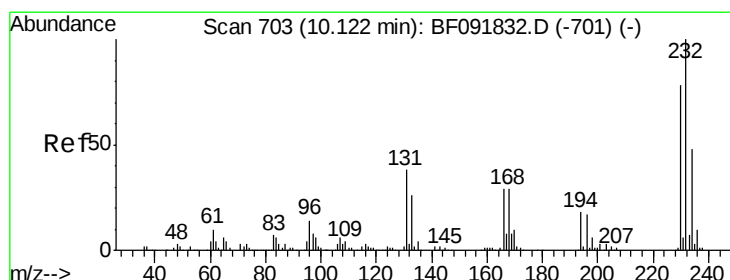
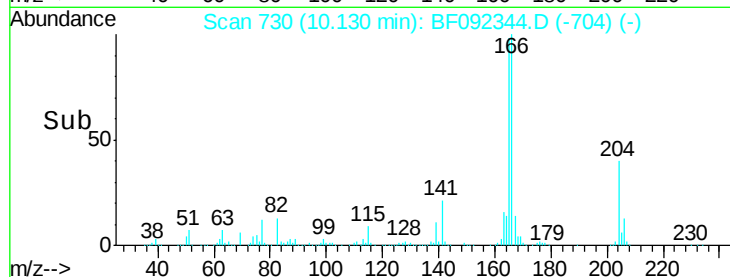
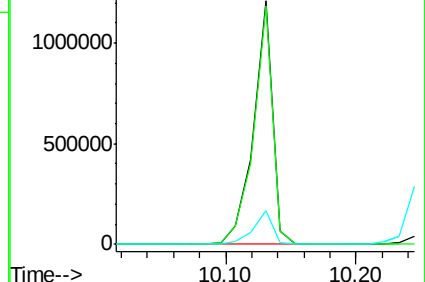
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.09 ng

RT: 9.92 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Tgt Ion:232 Resp: 347133

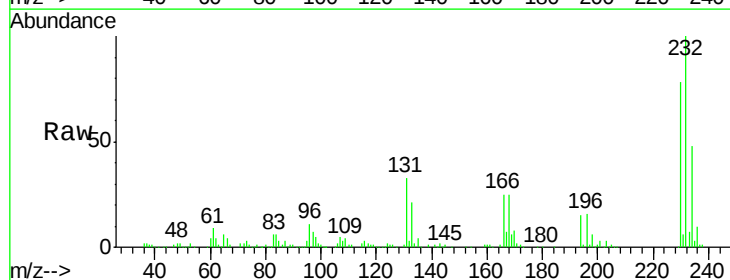
Ion Ratio Lower Upper

232 100

131 44.3 40.1 60.1

130 2.1 1.8 2.8

166 28.7 26.6 39.8

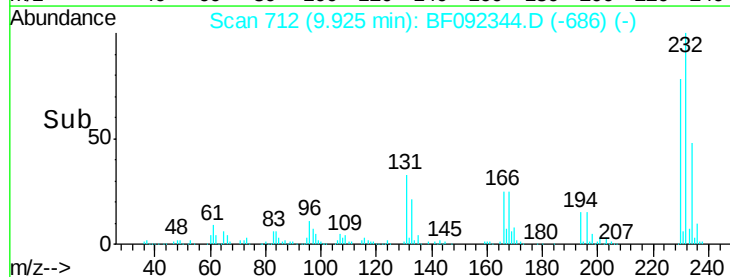
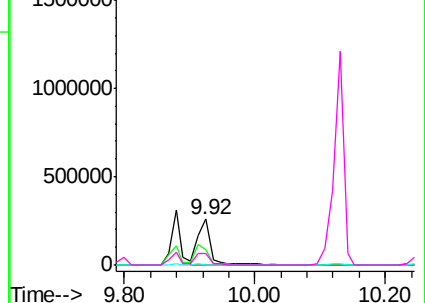


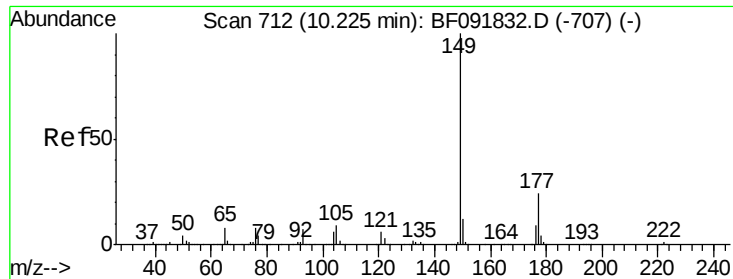
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

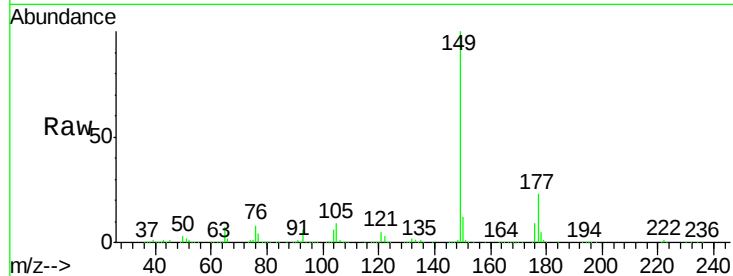




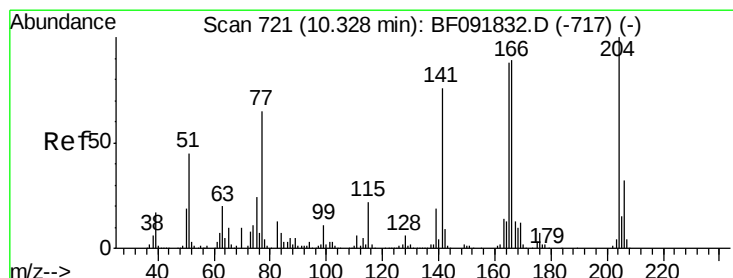
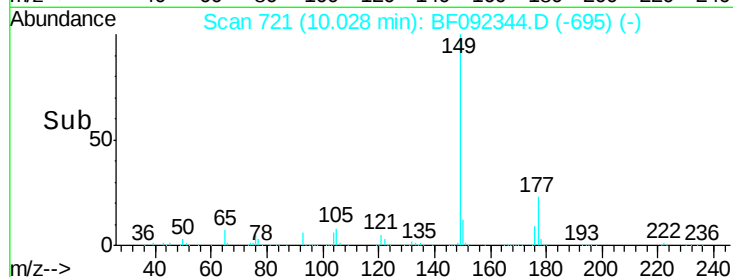
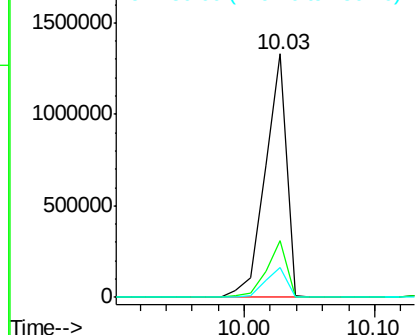
#59
Diethylphthalate
Concen: 52.36 ng
RT: 10.03 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:149 Resp: 1507114
Ion Ratio Lower Upper
149 100
177 23.2 16.6 25.0
150 12.4 10.4 15.6

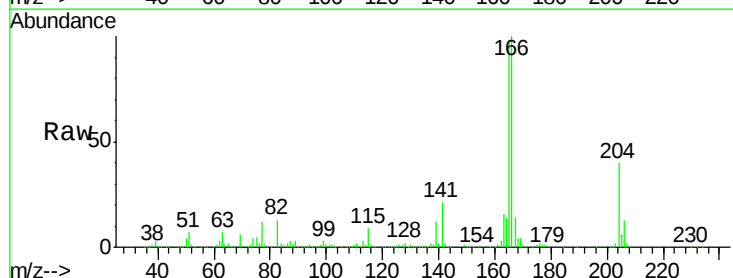


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

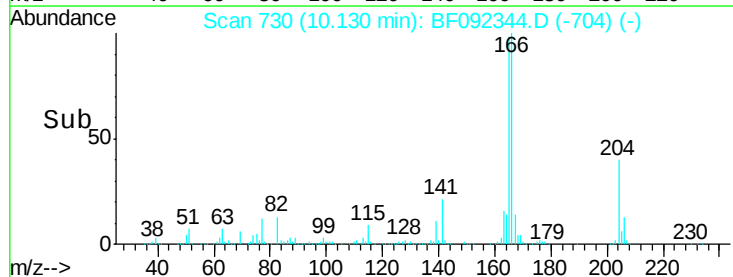
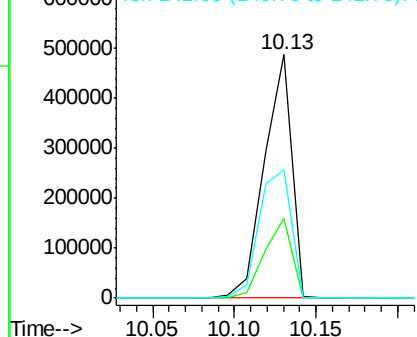


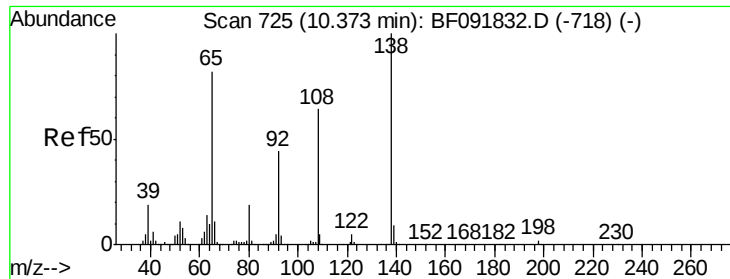
#60
4-Chlorophenyl-phenylether
Concen: 50.64 ng
RT: 10.13 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:204 Resp: 570761
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 52.5 59.4 89.0#



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

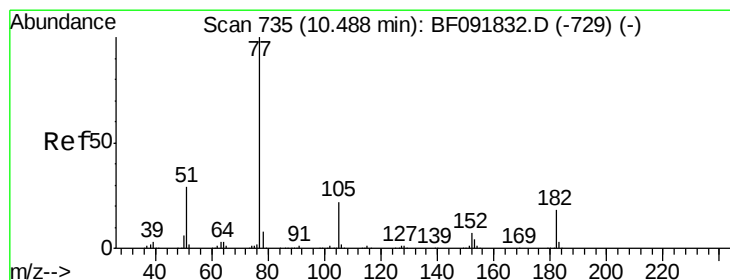
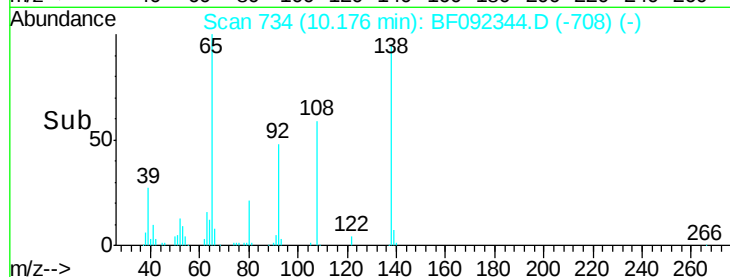
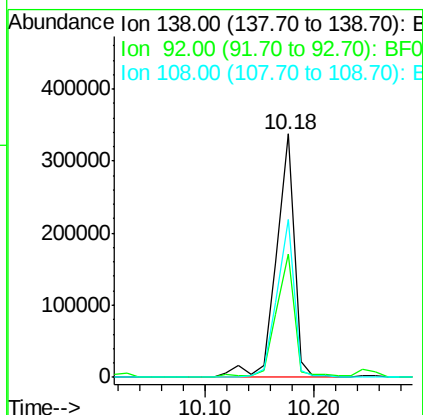
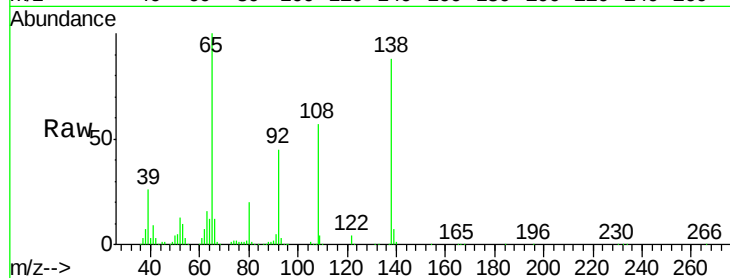




#61
4-Nitroaniline
Concen: 46.79 ng
RT: 10.18 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

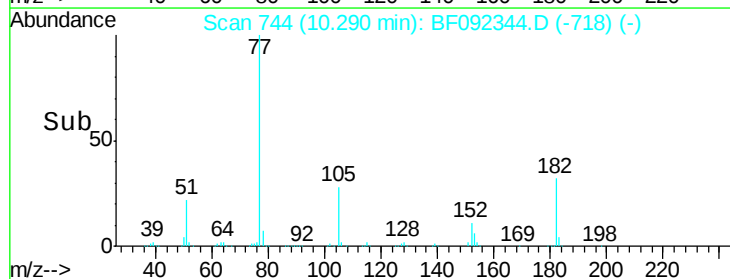
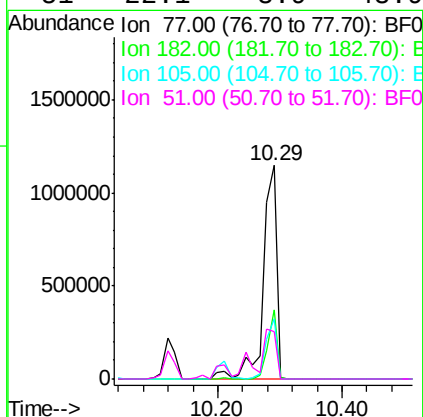
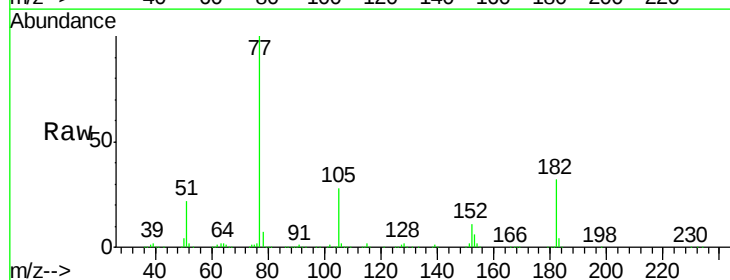
Instrument :
BNA_F
ClientSampleId :
SPK CHK

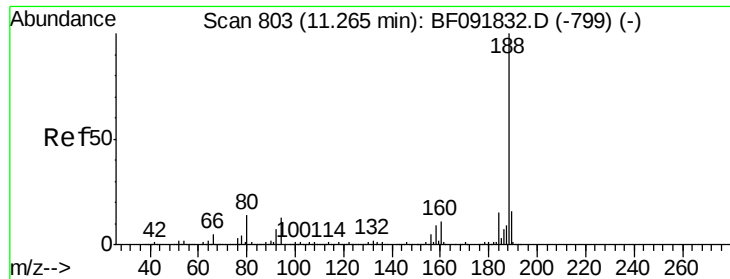
Tgt Ion: 138 Resp: 389206
Ion Ratio Lower Upper
138 100
92 50.6 31.7 71.7
108 64.9 52.6 92.6



#62
Azobenzene
Concen: 54.76 ng
RT: 10.29 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion: 77 Resp: 1735195
Ion Ratio Lower Upper
77 100
182 32.3 0.0 39.3
105 27.9 2.3 42.3
51 22.1 8.9 48.9

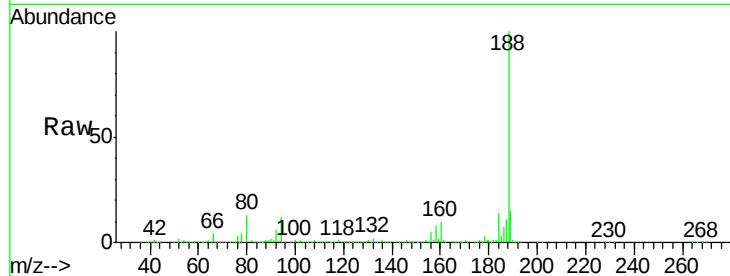




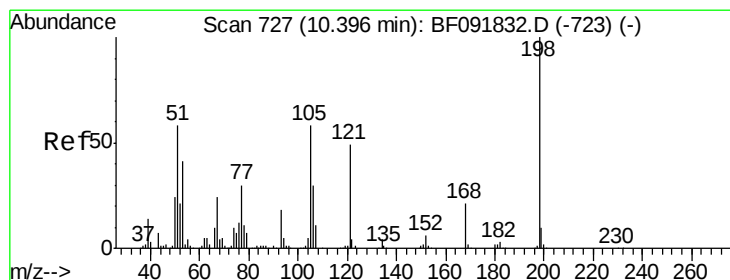
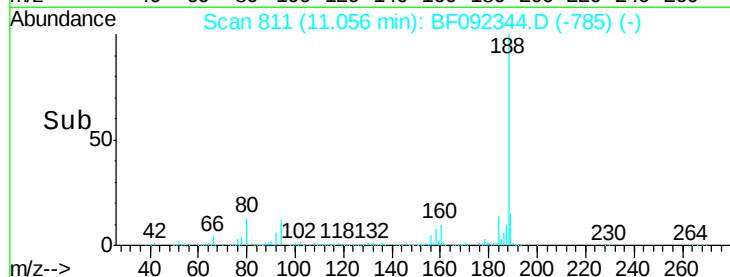
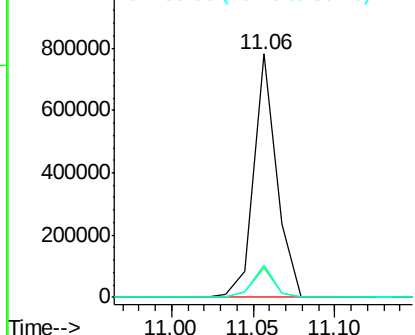
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:188 Resp: 763853
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.1 11.2 16.8

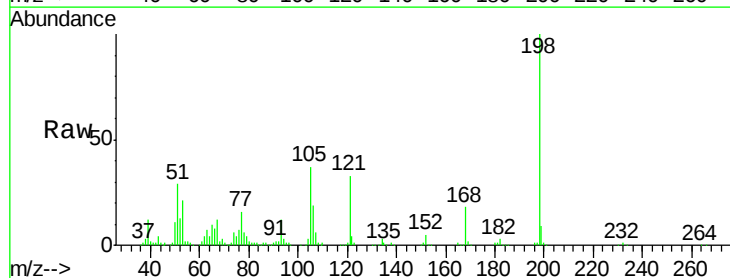


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

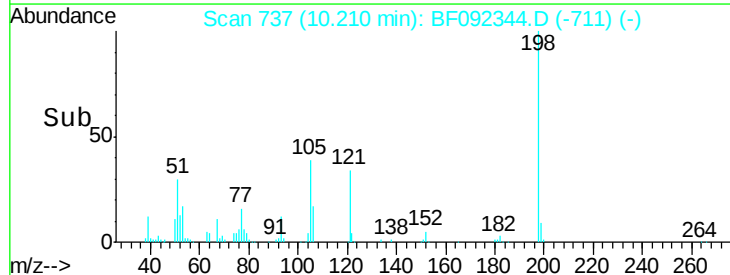
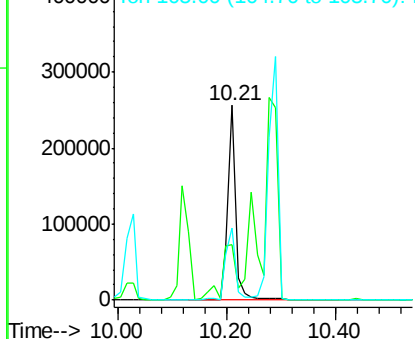


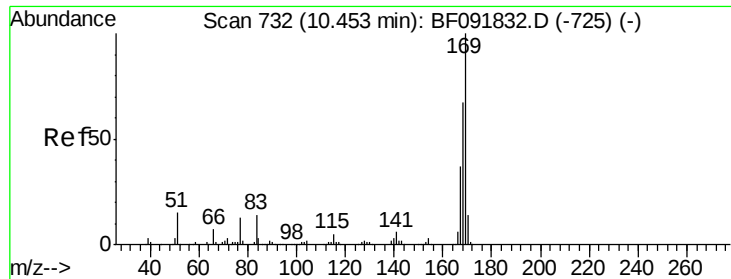
#64
4,6-Dinitro-2-methylphenol
Concen: 57.16 ng
RT: 10.21 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:198 Resp: 264001
Ion Ratio Lower Upper
198 100
51 28.7 6.7 46.7
105 37.2 16.6 56.6



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

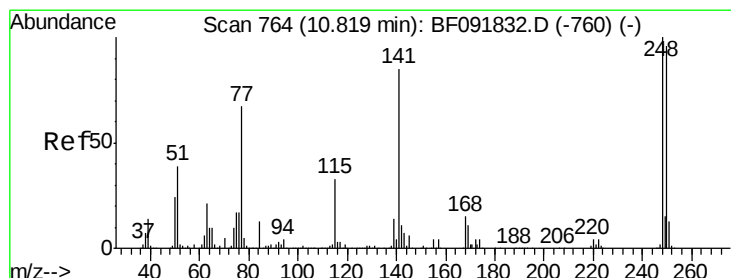
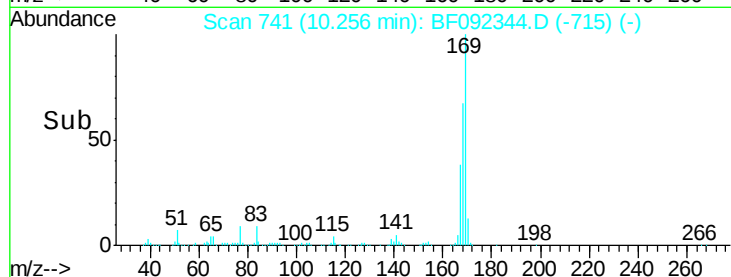
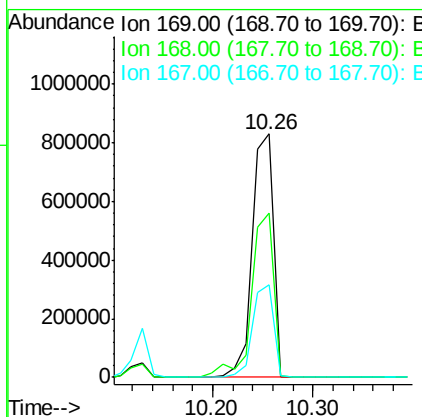
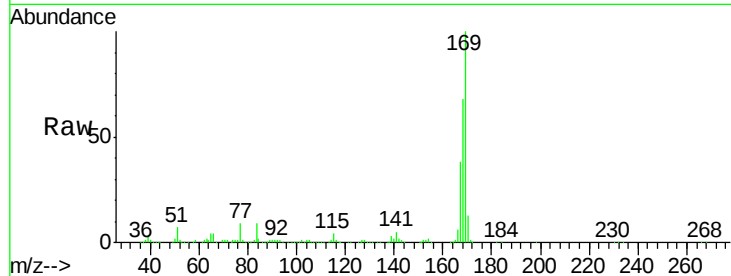




#65
n-Nitrosodiphenylamine
Concen: 53.41 ng
RT: 10.26 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

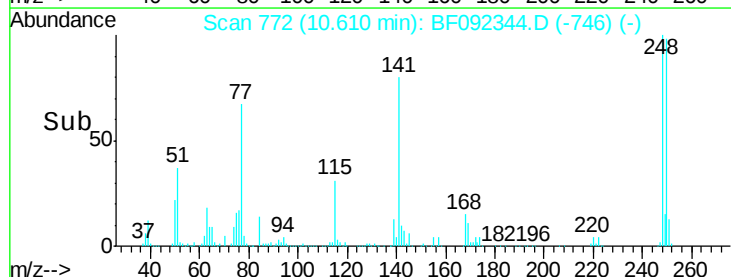
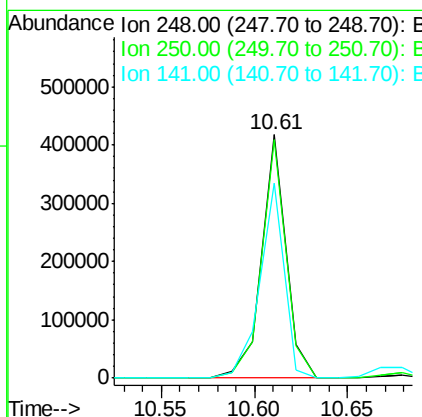
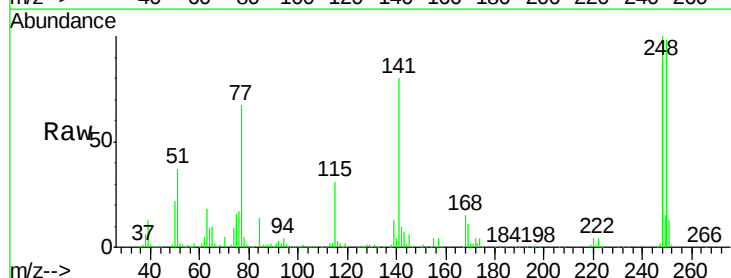
Instrument :
BNA_F
ClientSampleId :
SPK CHK

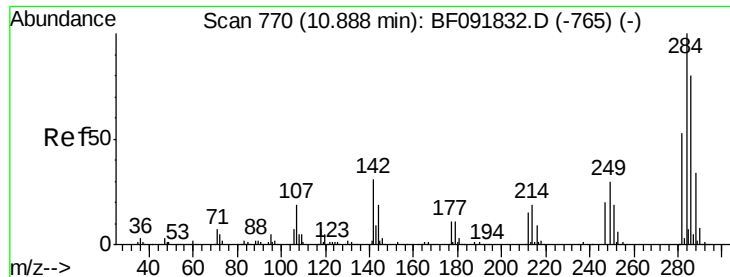
Tgt Ion:169 Resp: 1210656
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.2
167 37.8 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 47.31 ng
RT: 10.61 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:248 Resp: 375942
Ion Ratio Lower Upper
248 100
250 97.9 76.9 115.3
141 80.1 68.2 102.4

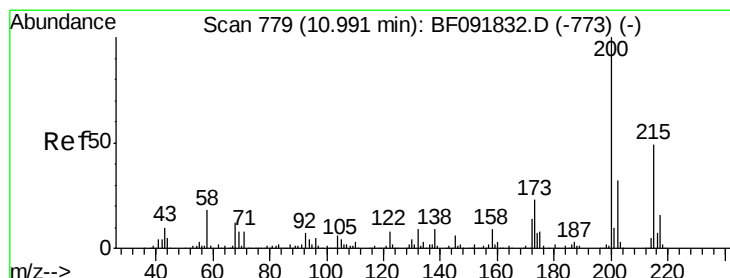
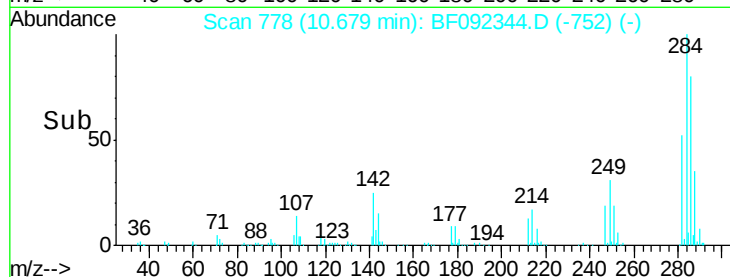
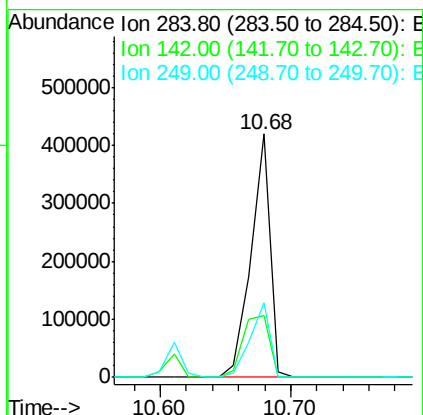
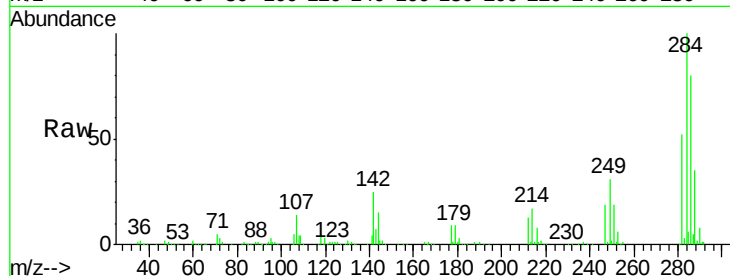




#67
Hexachlorobenzene
Concen: 50.41 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

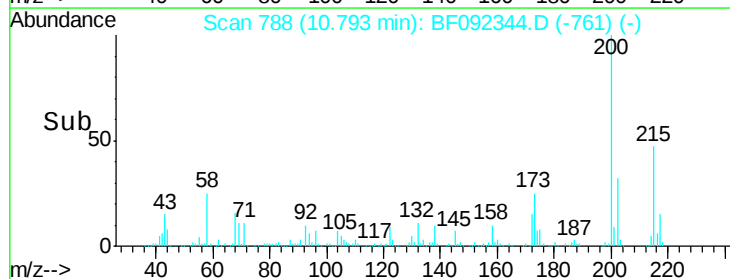
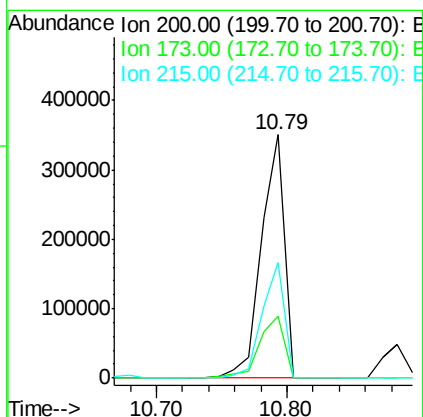
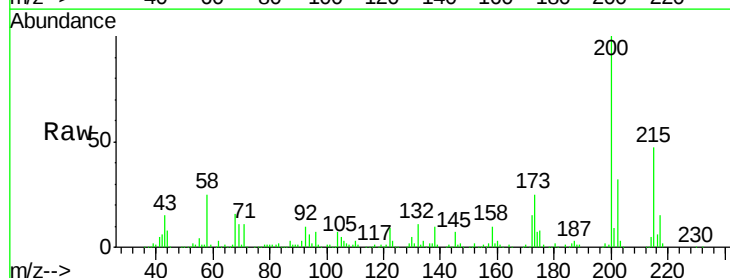
Instrument :
BNA_F
ClientSampled :
SPK CHK

Tgt Ion:284 Resp: 428131
Ion Ratio Lower Upper
284 100
142 25.2 22.6 33.8
249 30.7 25.4 38.0



#68
Atrazine
Concen: 58.87 ng
RT: 10.79 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:200 Resp: 430438
Ion Ratio Lower Upper
200 100
173 25.5 9.6 49.6
215 47.3 25.7 65.7

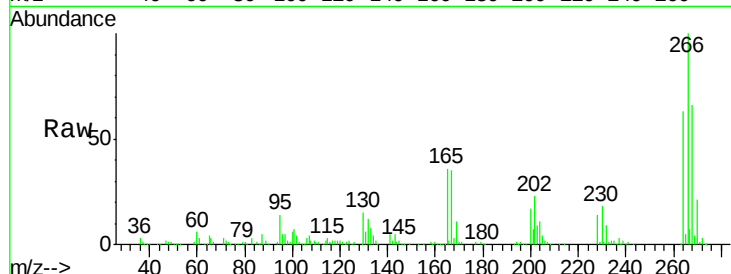




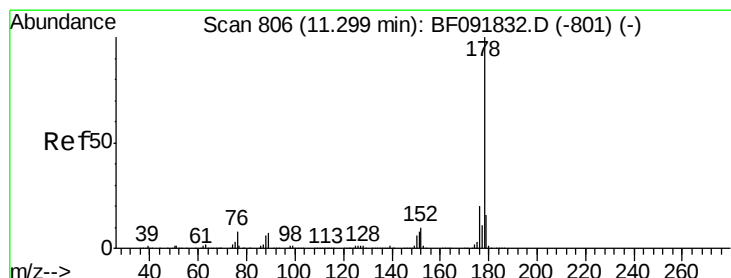
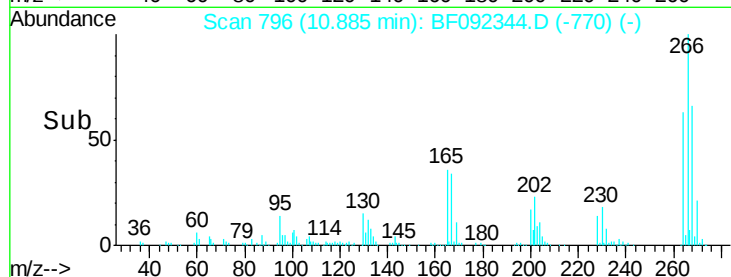
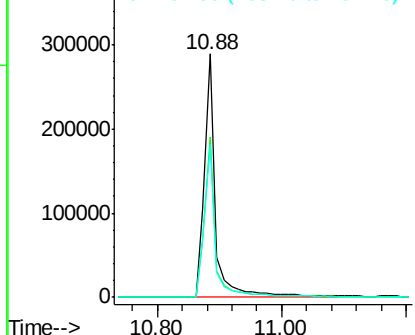
#69
 Pentachlorophenol
 Concen: 87.68 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion: 266 Resp: 365393
 Ion Ratio Lower Upper
 266 100
 268 65.9 53.3 79.9
 264 62.7 50.3 75.5

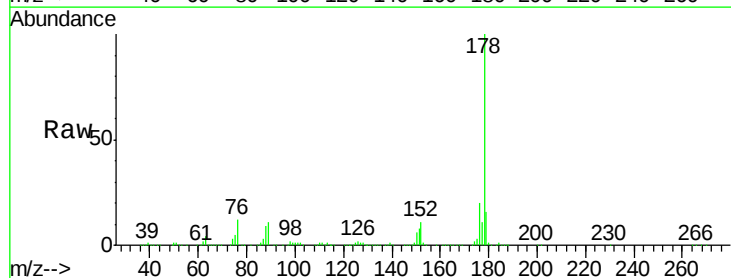


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

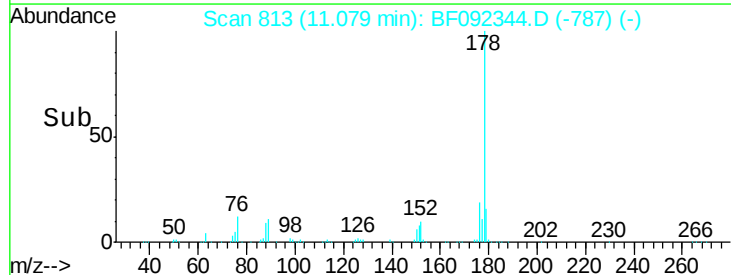
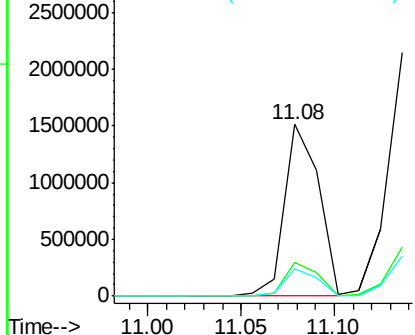


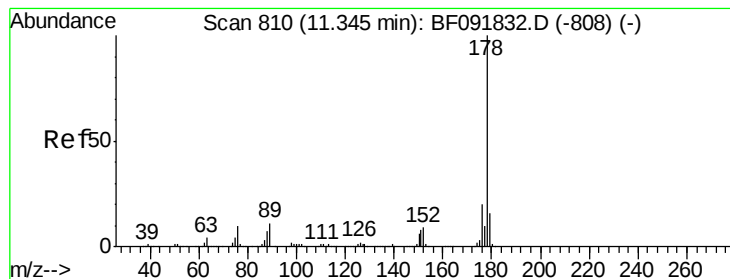
#70
 Phenanthrene
 Concen: 46.50 ng
 RT: 11.08 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion: 178 Resp: 1926136
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.6 25.0
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 63.55 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

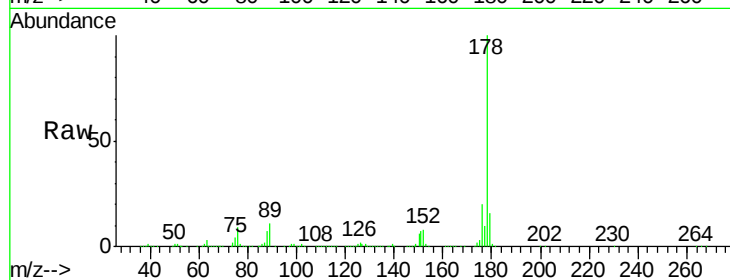
Tgt Ion:178 Resp: 2007858

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

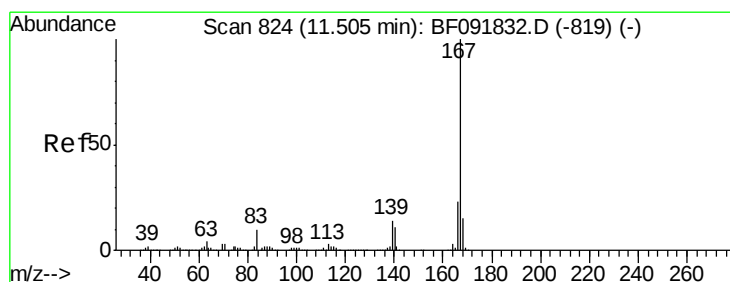
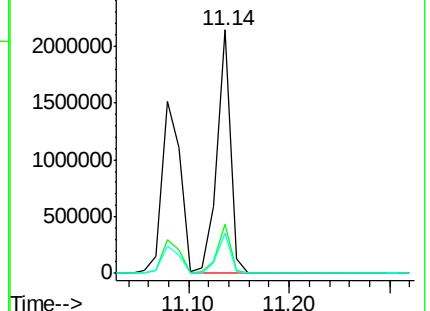
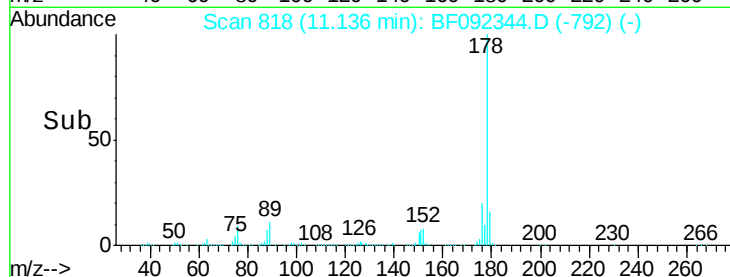
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.61 ng

RT: 11.30 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

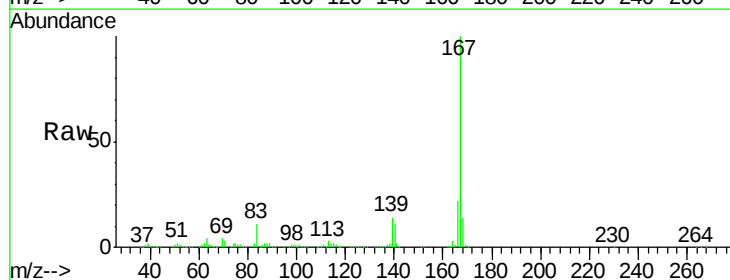
Tgt Ion:167 Resp: 1685105

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

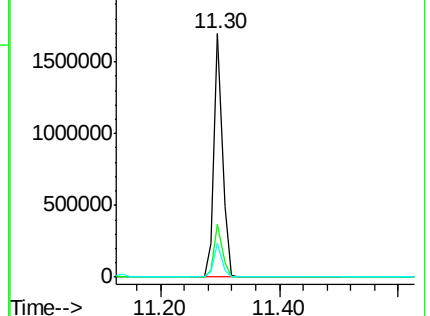
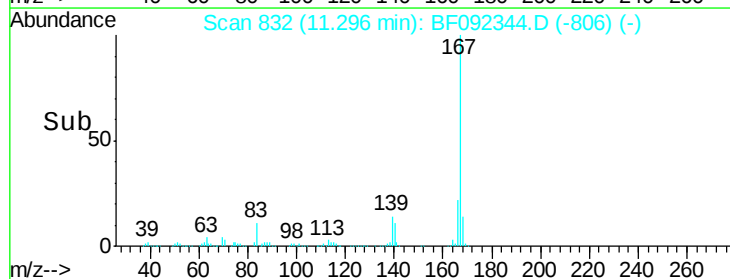
139 14.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 59.49 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

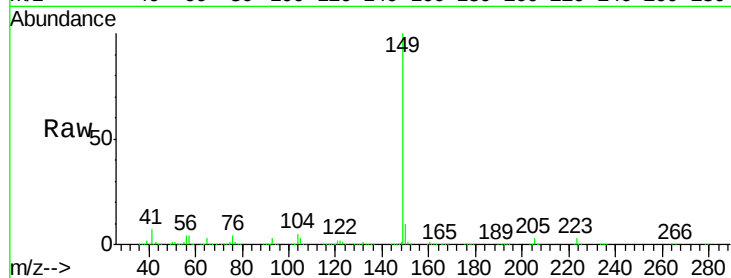
Tgt Ion:149 Resp: 2282800

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

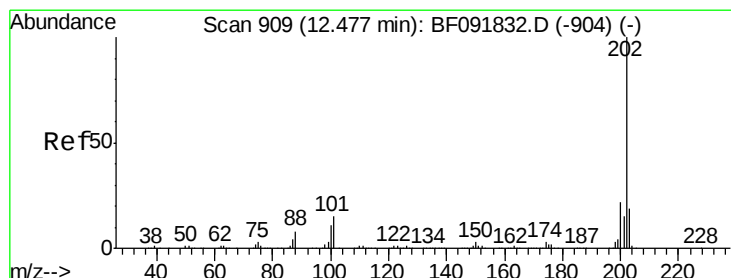
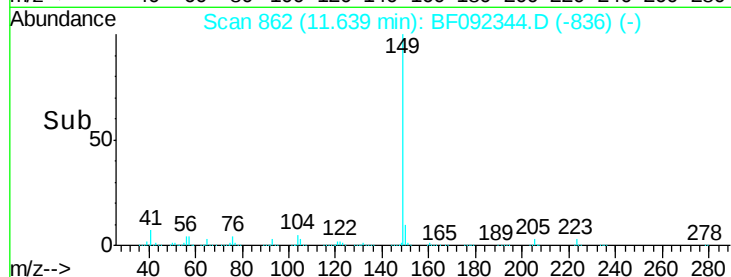
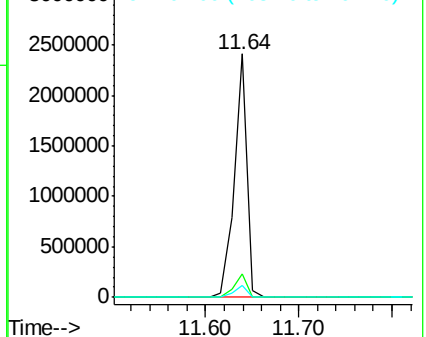
104 4.9 4.6 7.0



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: 59.38 ng

RT: 12.27 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

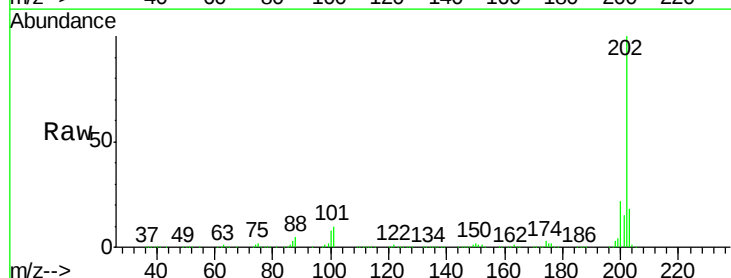
Tgt Ion:202 Resp: 2113393

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

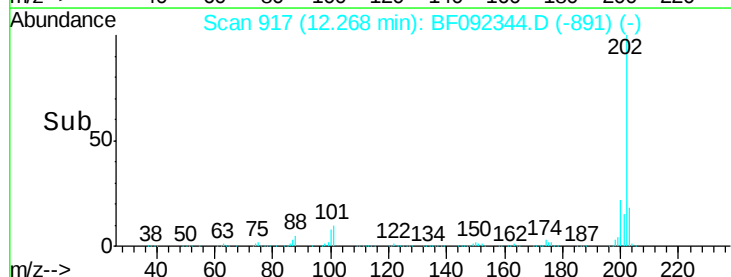
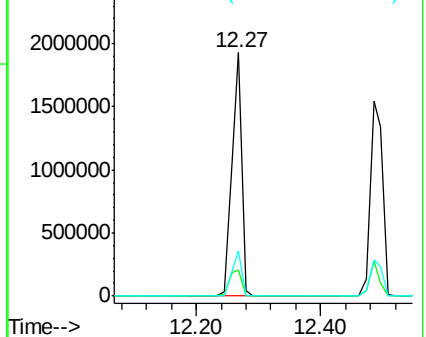
203 18.3 0.0 38.7

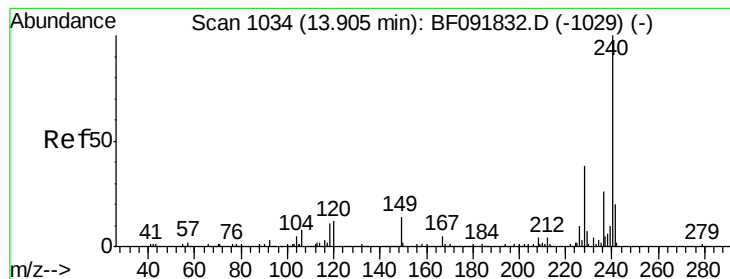


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampled :

SPK CHK

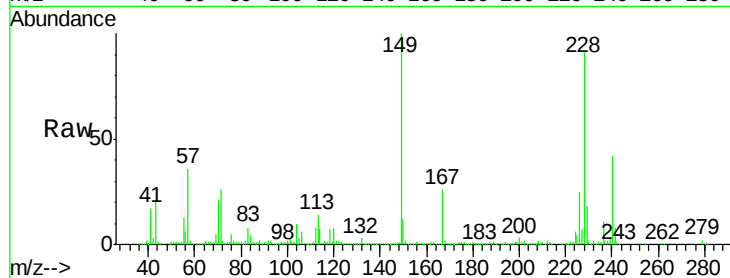
Tgt Ion:240 Resp: 489427

Ion Ratio Lower Upper

240 100

120 17.9 12.9 19.3

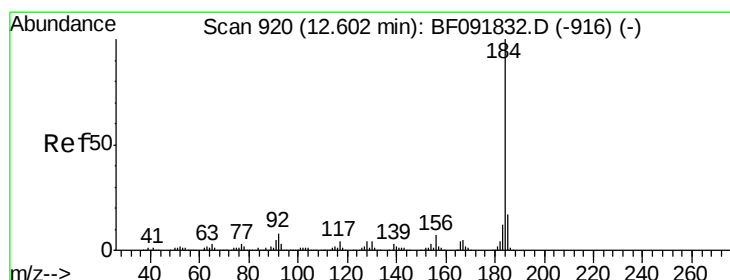
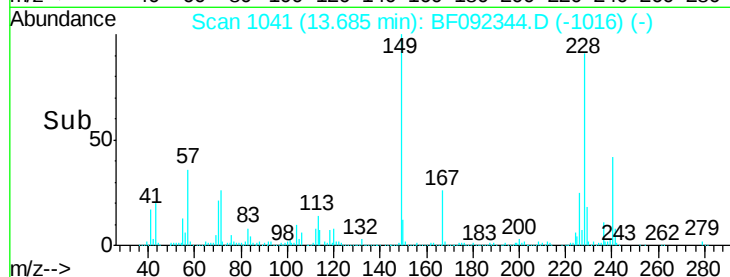
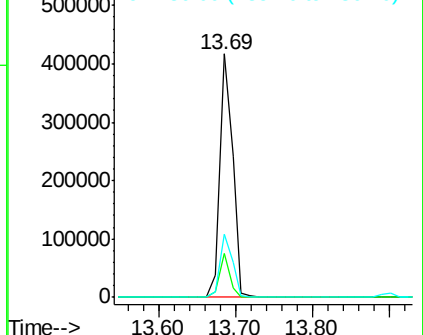
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

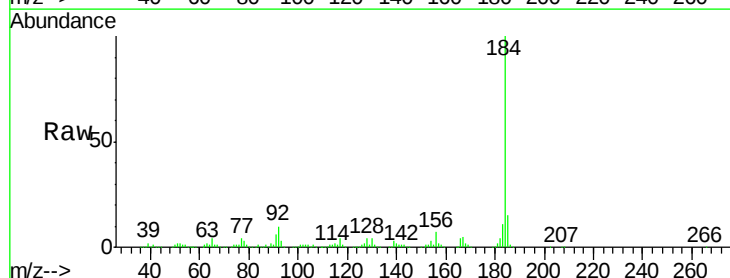
Tgt Ion:184 Resp: 1076772

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

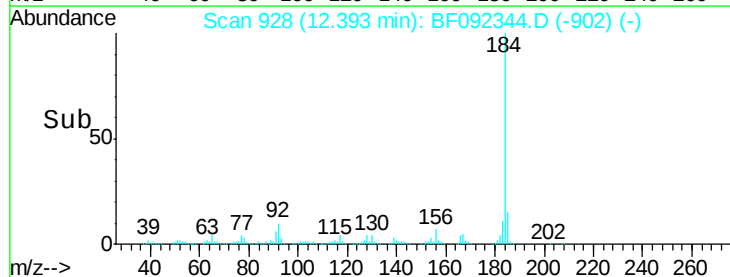
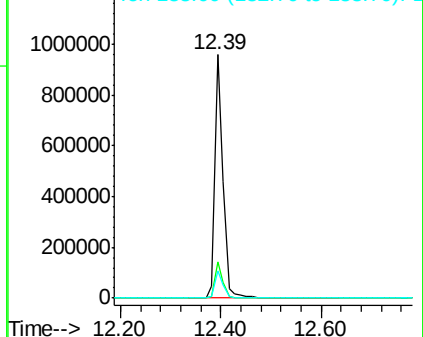
183 11.1 9.2 13.8

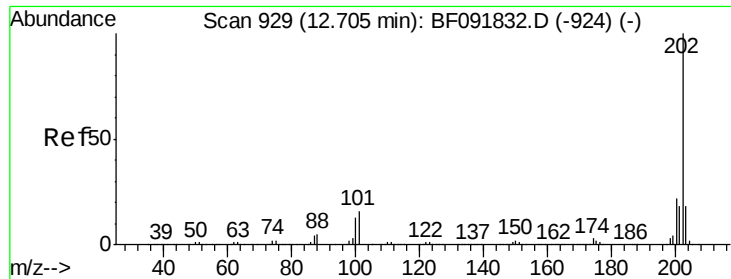


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

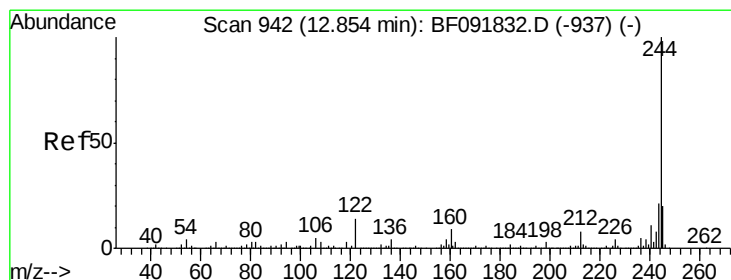
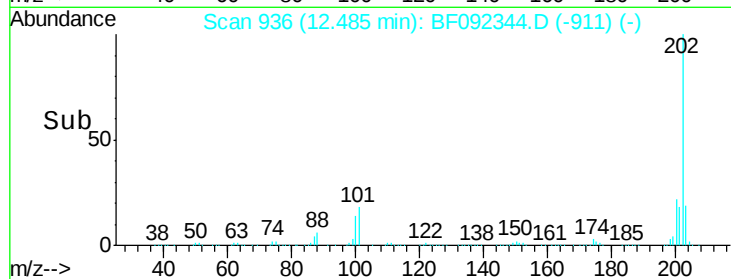
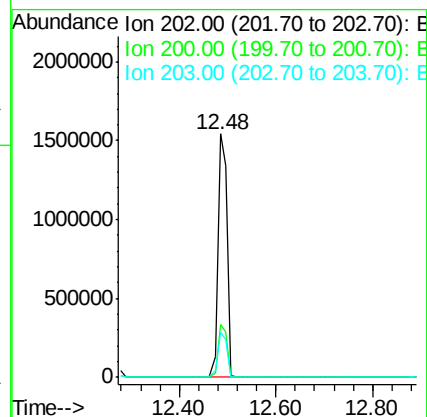
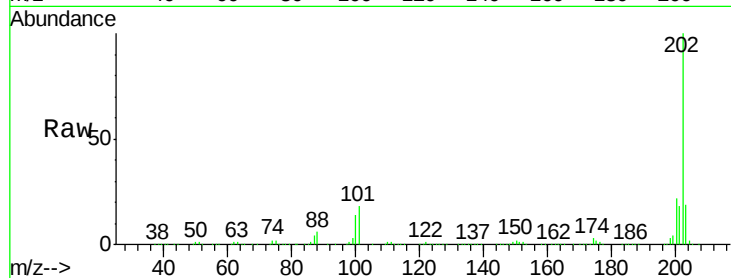




#77
 Pyrene
 Concen: 58.25 ng
 RT: 12.48 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

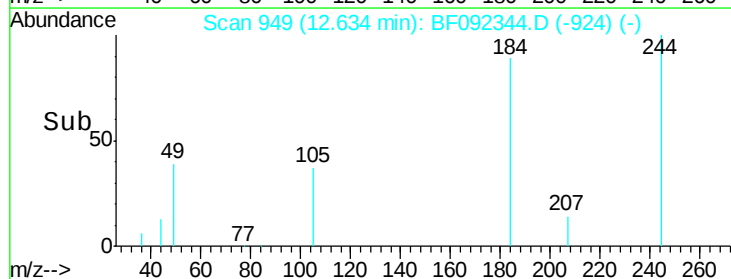
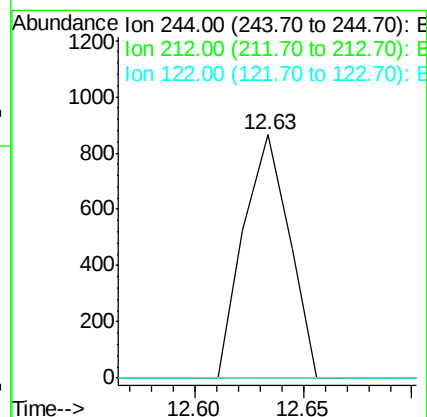
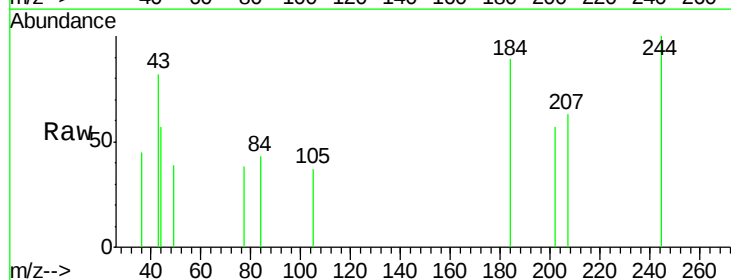
Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

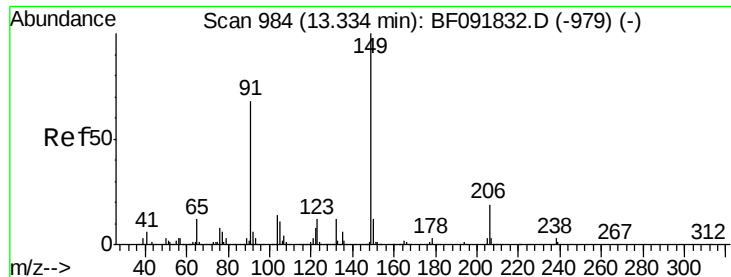
Tgt Ion: 202 Resp: 2091702
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 18.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 0.06 ng
 RT: 12.63 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion: 244 Resp: 1273
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.2 9.2#
 122 0.0 11.4 17.2#

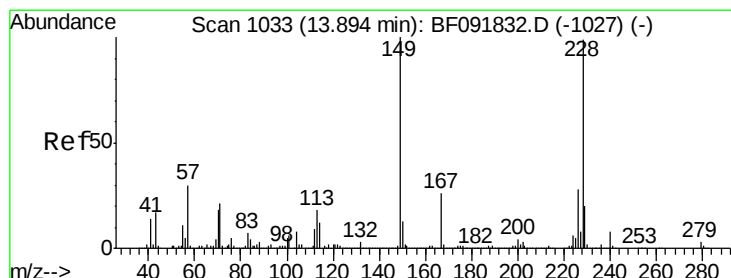
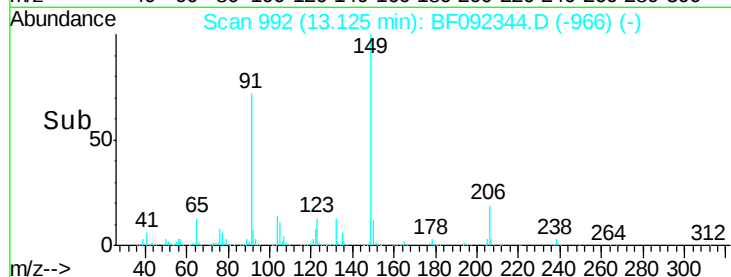
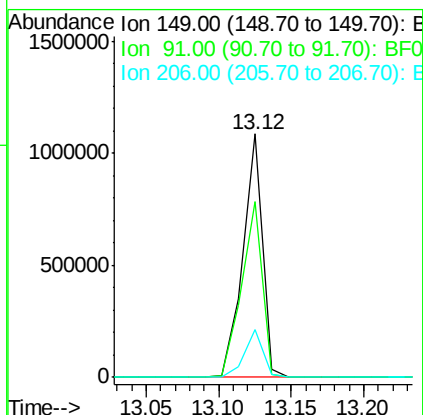
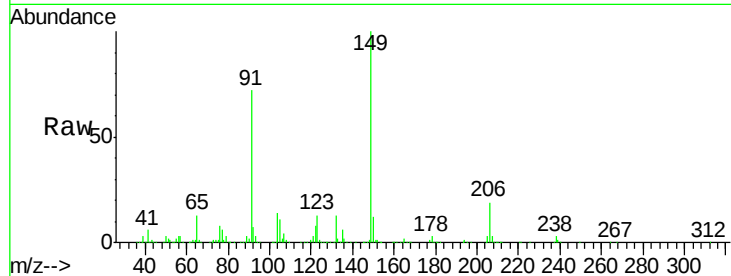




#79
Butylbenzylphthalate
Concen: 62.45 ng
RT: 13.12 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

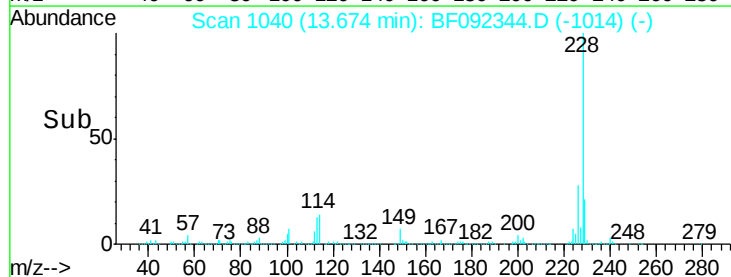
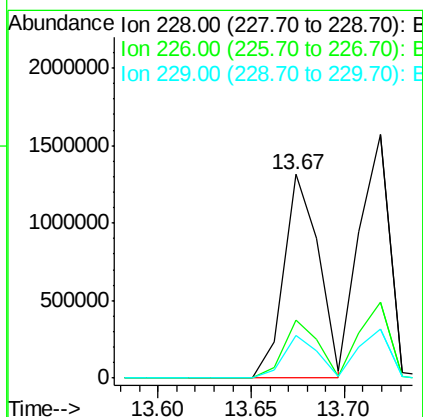
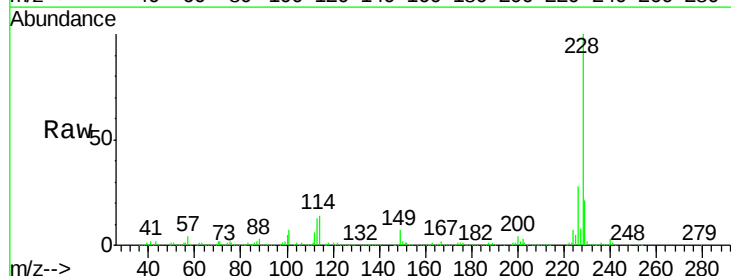
Instrument :
BNA_F
ClientSampleId :
SPK CHK

Tgt Ion:149 Resp: 1019924
Ion Ratio Lower Upper
149 100
91 72.2 63.9 95.9
206 19.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 62.07 ng
RT: 13.67 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:228 Resp: 1714921
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 20.9 16.2 24.4

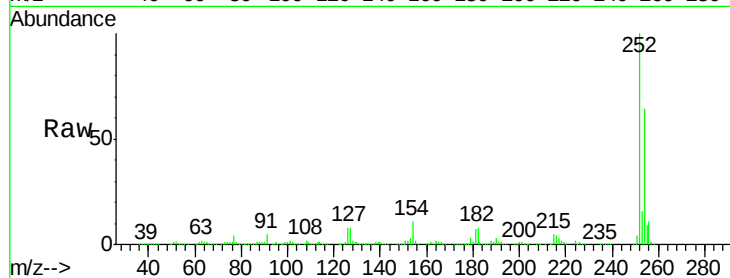




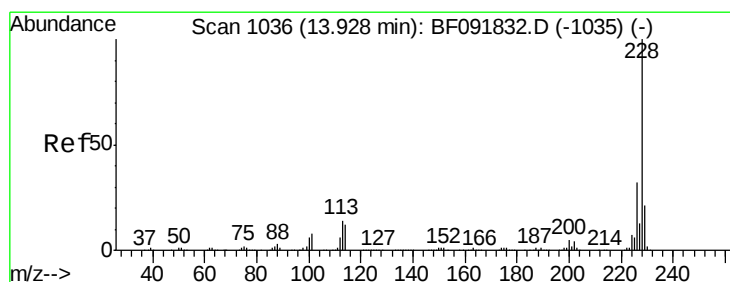
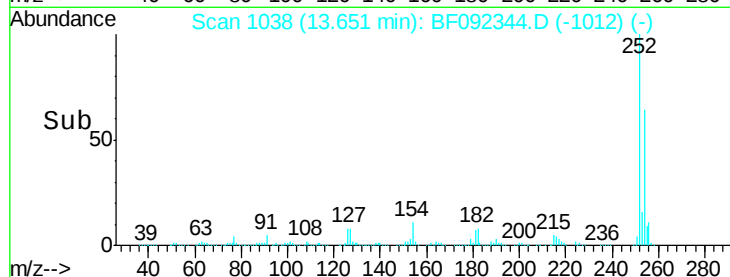
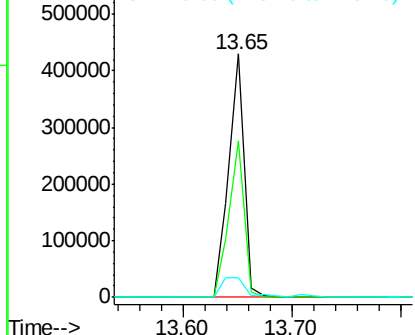
#81
 3,3'-Dichlorobenzidine
 Concen: 40.53 ng
 RT: 13.65 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion: 252 Resp: 424630
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.3 78.5
 126 8.2 13.6 20.4#

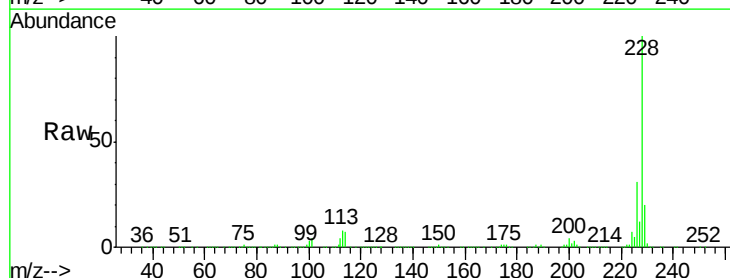


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

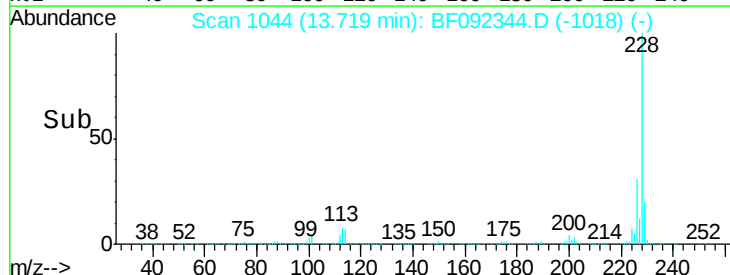
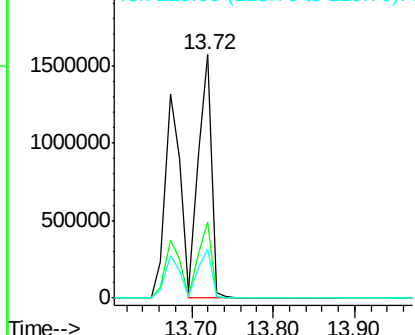


#82
 Chrysene
 Concen: 63.89 ng
 RT: 13.72 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion: 228 Resp: 1770542
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.3 16.2 24.2



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

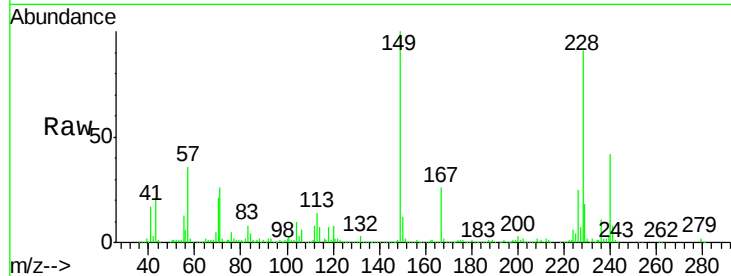




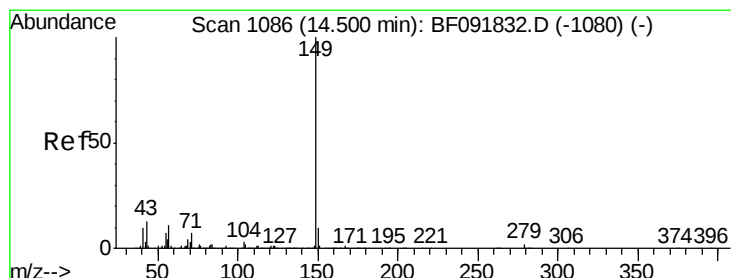
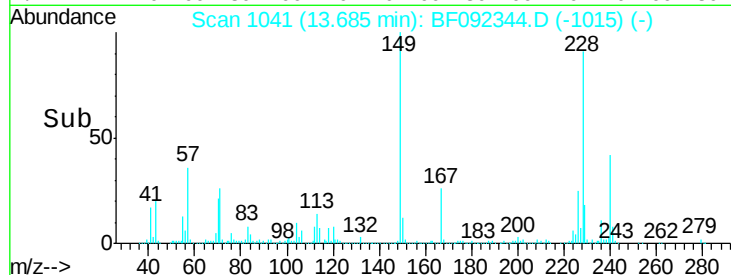
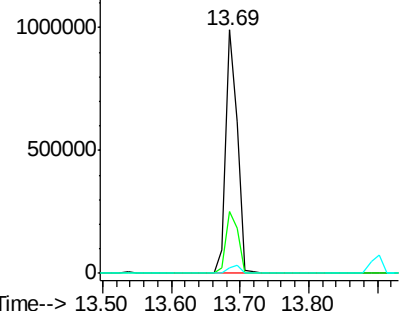
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.62 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion:149 Resp: 1185089
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.1 1.8 2.8

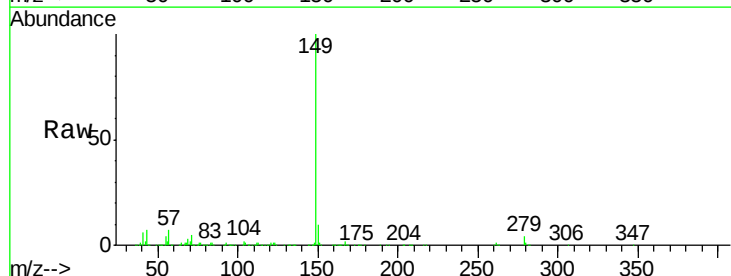


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

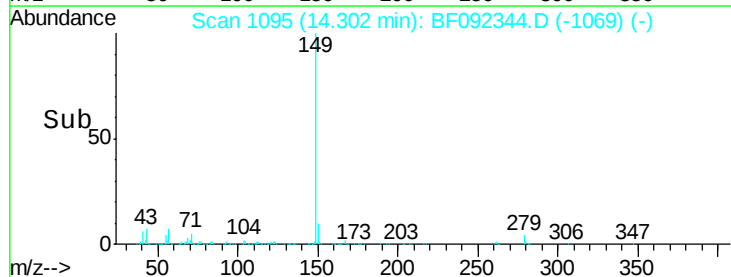
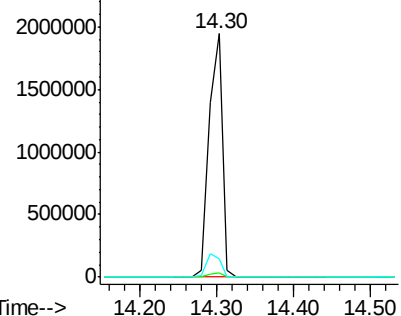


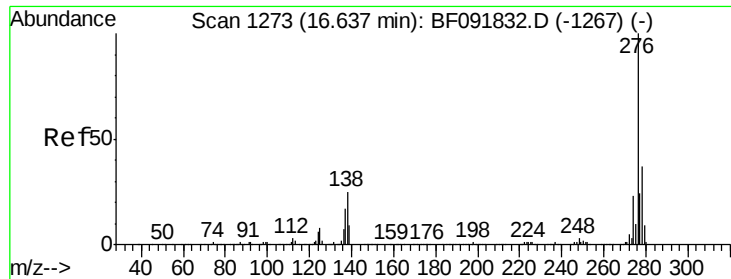
#84
 Di-n-octyl phthalate
 Concen: 66.85 ng
 RT: 14.30 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Tgt Ion:149 Resp: 2381793
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.0 8.9 13.3



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



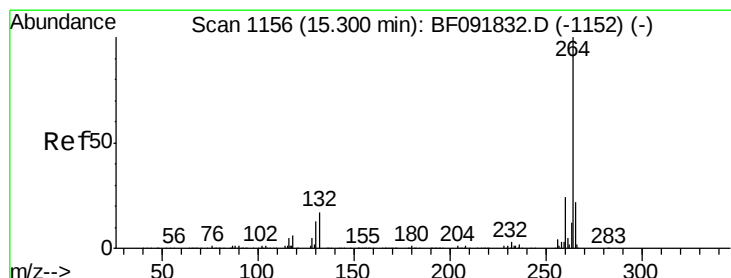
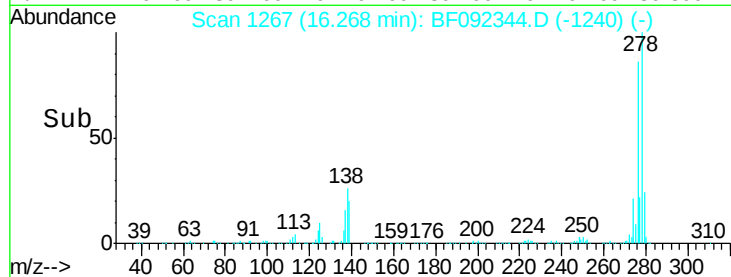
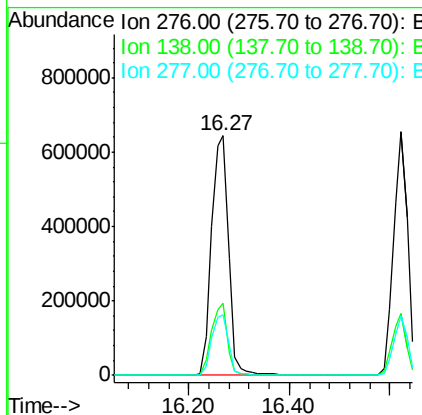
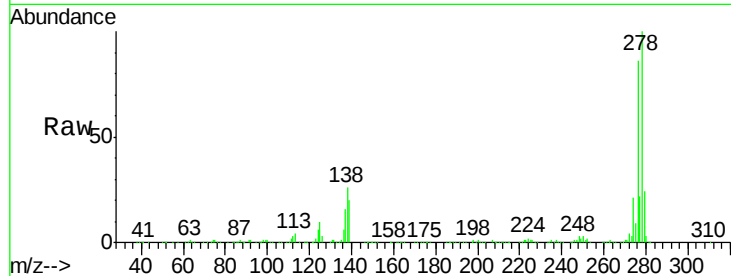


#85

Indeno(1,2,3-cd)pyrene
Concen: 63.17 ng
RT: 16.27 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SPK CHK

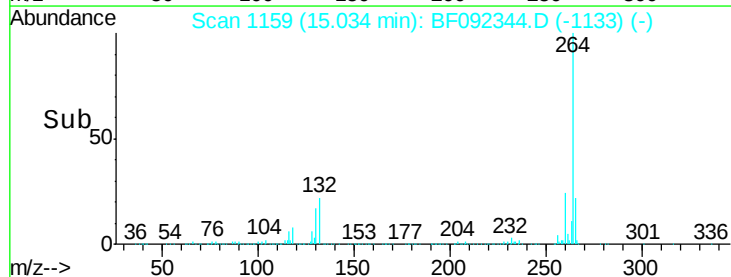
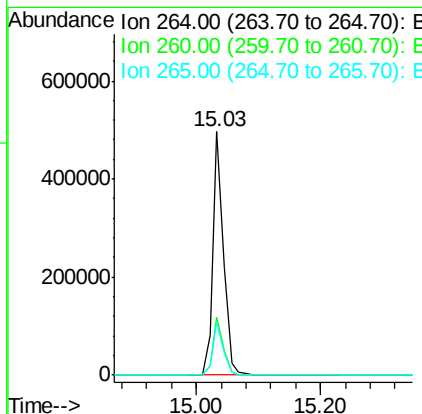
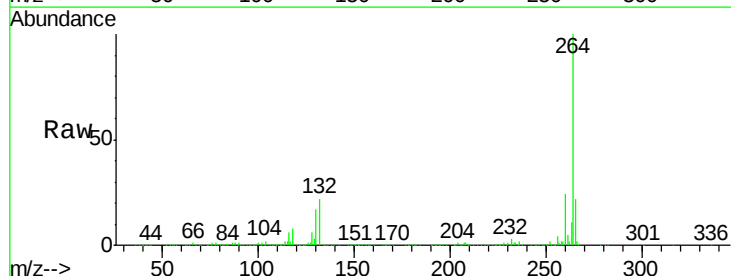
Tgt Ion:276 Resp: 1516497
Ion Ratio Lower Upper
276 100
138 28.5 21.8 32.6
277 25.0 20.2 30.4

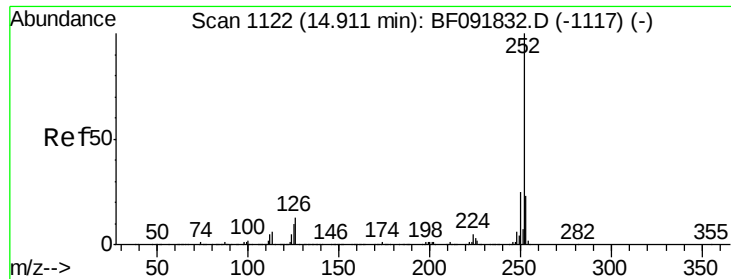


#86

Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:264 Resp: 576218
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 46.64 ng m

RT: 14.68 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SPK CHK

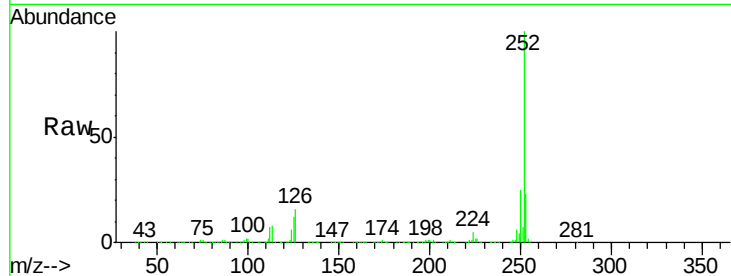
Tgt Ion:252 Resp: 1673377

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

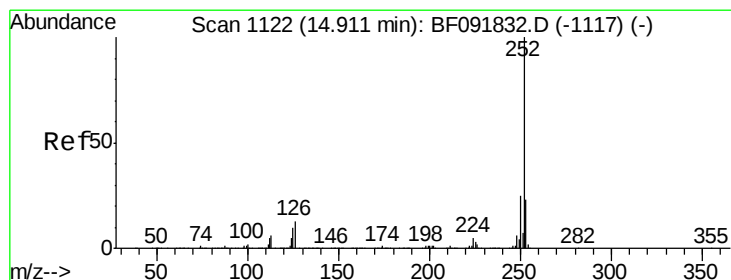
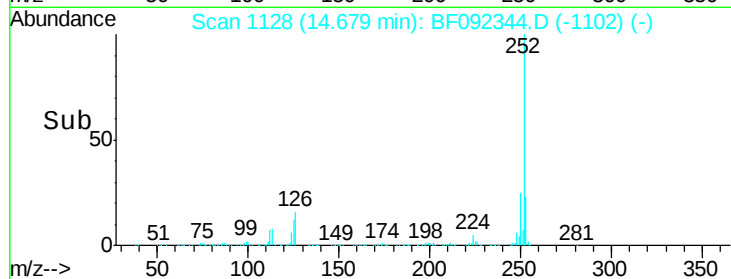
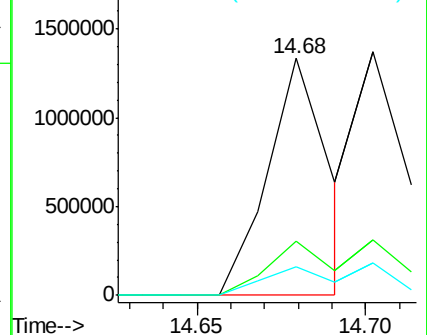
125 12.3 9.8 14.6



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: 46.32 ng m

RT: 14.70 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF092344.D

Acq: 18 Jan 2017 11:33

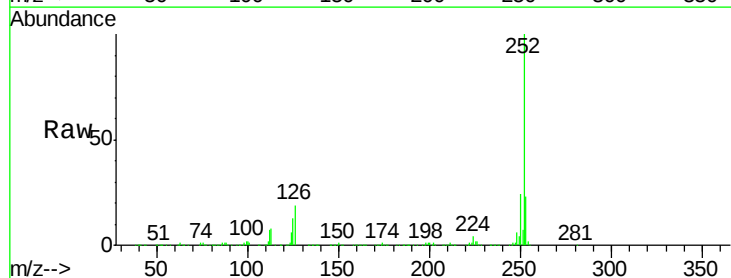
Tgt Ion:252 Resp: 1416889

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

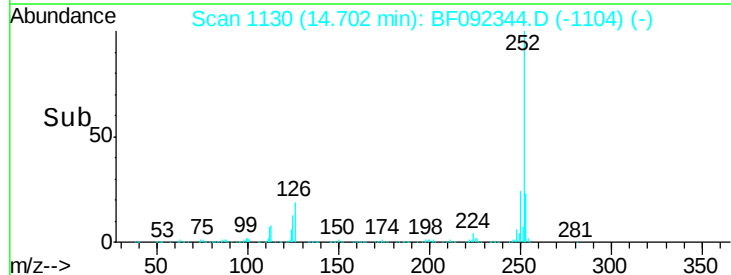
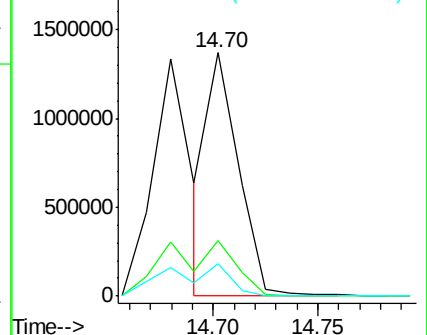
125 13.1 8.9 13.3

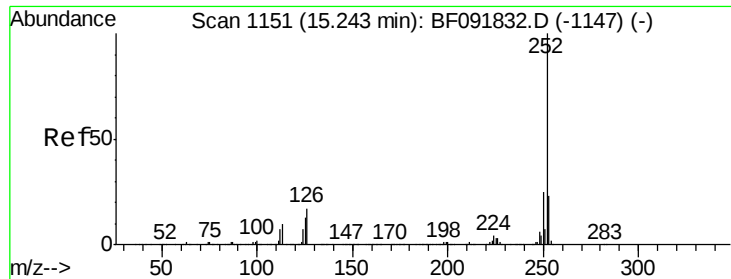


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

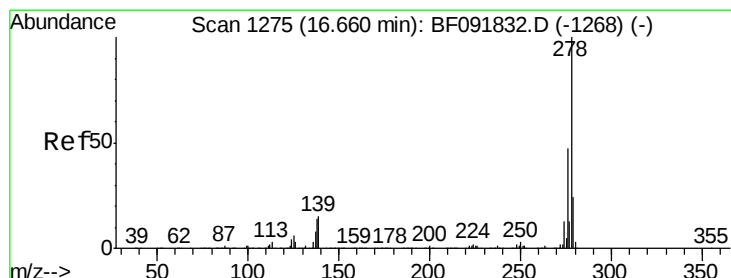
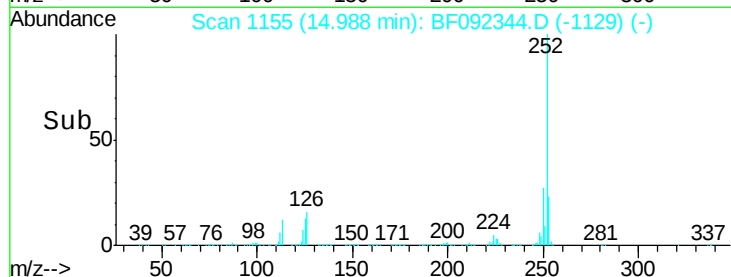
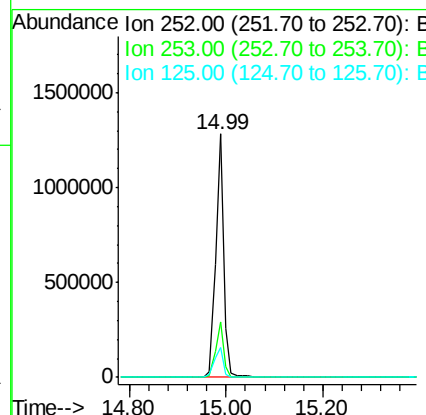
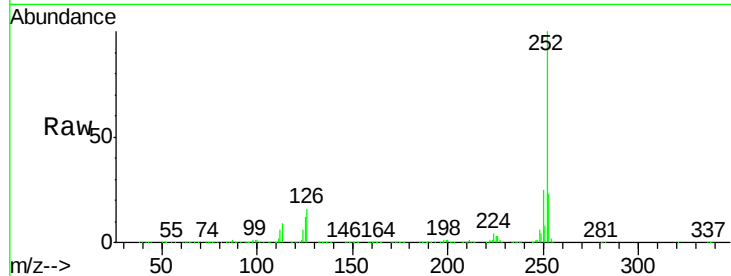




#89
Benzo(a)pyrene
Concen: 48.08 ng
RT: 14.99 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

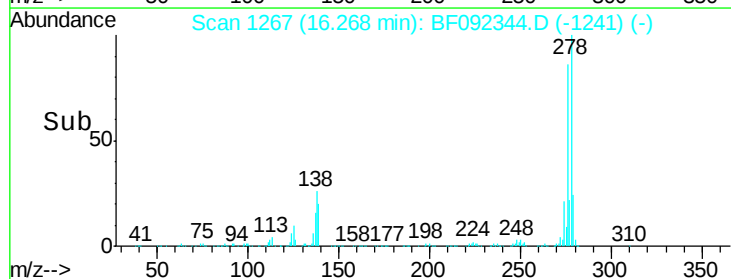
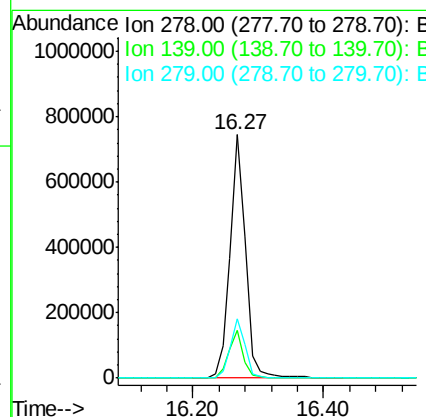
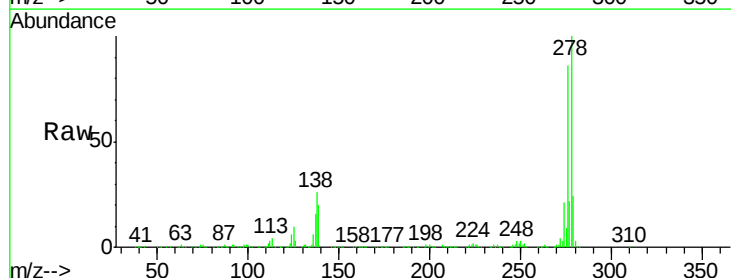
Instrument :
BNA_F
ClientSampleId :
SPK CHK

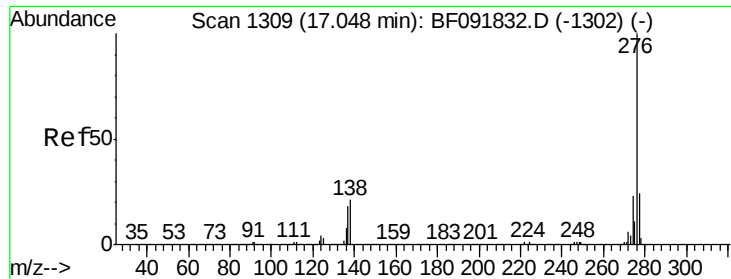
Tgt Ion:252 Resp: 1530845
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 46.98 ng
RT: 16.27 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF092344.D
Acq: 18 Jan 2017 11:33

Tgt Ion:278 Resp: 1229674
Ion Ratio Lower Upper
278 100
139 19.5 14.8 22.2
279 24.3 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 47.90 ng
 RT: 16.62 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF092344.D
 Acq: 18 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SPK CHK

Tgt Ion: 276 Resp: 1303659
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.2 28.8
 138 25.5 16.0 24.0#

