

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092526.D
 Acq On : 26 Jan 2017 15:27
 Operator : SJ/MA
 Sample : I1312-03MSD 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Quant Time: Jan 27 00:02:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	133419	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	480670	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	228058	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	348712	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	260913	20.00	ng	0.00
86) Perylene-d12	15.65	264	185383	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	529190	61.71	ng	0.01
7) Phenol-d6	6.59	99	644263	58.98	ng	0.00
23) Nitrobenzene-d5	7.54	82	402332	45.72	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	95809	61.65	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	545530	44.23	ng	-0.01
78) Terphenyl-d14	13.11	244	472531	48.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	81917	17.96	ng	# 81
3) Pyridine	3.39	79	215980	16.63	ng	# 82
4) n-Nitrosodimethylamine	3.32	42	122623	19.25	ng	# 86
6) Aniline	6.62	93	130549	8.01	ng	# 49
8) 2-Chlorophenol	6.75	128	182252	20.23	ng	87
9) Benzaldehyde	6.51	77	144187	18.60	ng	85
10) Phenol	6.60	94	250133	18.97	ng	81
11) bis(2-Chloroethyl)ether	6.70	93	220720	22.38	ng	98
12) 1,3-Dichlorobenzene	7.15	146	195224	18.33	ng	96
13) 1,4-Dichlorobenzene	6.99	146	221622	20.67	ng	97
14) 1,2-Dichlorobenzene	6.99	146	221622	21.79	ng	96
15) Benzyl Alcohol	7.10	79	156004	18.95	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	360432	18.47	ng	91
17) 2-Methylphenol	7.22	107	149119	19.38	ng	97
18) Hexachloroethane	7.49	117	40974	11.09	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	133306	17.92	ng	# 88
20) 3+4-Methylphenols	7.38	107	194046	20.78	ng	# 81
22) Acetophenone	7.38	105	265582	23.20	ng	# 85
24) Nitrobenzene	7.55	77	186081	20.19	ng	92
25) Isophorone	7.80	82	354942	20.47	ng	97
26) 2-Nitrophenol	7.88	139	44783	11.59	ng	# 81
27) 2,4-Dimethylphenol	7.92	122	168312	20.95	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	228192	20.05	ng	98
29) 2,4-Dichlorophenol	8.12	162	140793	20.21	ng	96
30) 1,2,4-Trichlorobenzene	8.21	180	149636	19.88	ng	98
31) Naphthalene	8.29	128	490261	19.93	ng	98
32) Benzoic acid	7.92	122	168312	29.98	ng	# 10
33) 4-Chloroaniline	8.34	127	112318	10.79	ng	94
34) Hexachlorobutadiene	8.41	225	87026	21.13	ng	99
35) Caprolactam	8.68	113	42834	18.42	ng	# 31
36) 4-Chloro-3-methylphenol	8.82	107	135273	18.01	ng	86
37) 2-Methylnaphthalene	8.98	142	320902	20.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	140772	24.47	ng	98
42) 2,4,6-Trichlorophenol	9.26	196	93146	21.13	ng	93

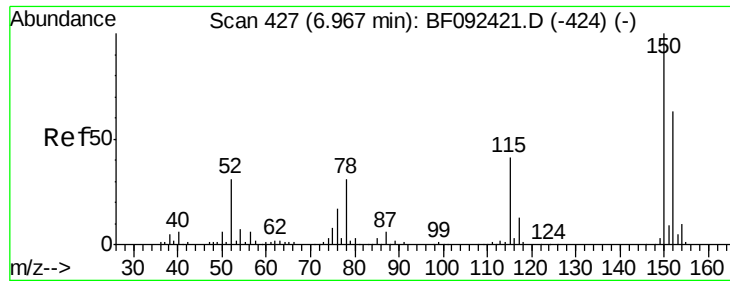
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	86535	21.46	ng	95
45) 1,1'-Biphenyl	9.45	154	374976	22.75	ng	96
46) 2-Chloronaphthalene	9.47	162	260104	19.32	ng	94
47) 2-Nitroaniline	9.56	65	98893	21.81	ng	# 82
48) Acenaphthylene	9.89	152	438852	22.22	ng	98
49) Dimethylphthalate	9.74	163	354053	24.41	ng	100
50) 2,6-Dinitrotoluene	9.81	165	41913	14.14	ng	# 78
51) Acenaphthene	10.06	154	259780	21.17	ng	96
52) 3-Nitroaniline	9.97	138	76337	20.56	ng	97
54) Dibenzofuran	10.24	168	389156	23.35	ng	93
55) 4-Nitrophenol	10.13	139	94638	32.10	ng	# 71
56) 2,4-Dinitrotoluene	10.21	165	51290	13.04	ng	# 73
57) Fluorene	10.58	166	286953	23.22	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	69164	22.89	ng	99
59) Diethylphthalate	10.45	149	295700	21.26	ng	94
60) 4-Chlorophenyl-phenylether	10.57	204	125372	20.92	ng	98
61) 4-Nitroaniline	10.59	138	84302	22.70	ng	79
62) Azobenzene	10.73	77	289571	18.30	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	4056	6.89	ng	92
65) n-Nitrosodiphenylamine	10.68	169	242051	22.23	ng	98
66) 4-Bromophenyl-phenylether	11.06	248	71497	20.31	ng	# 88
67) Hexachlorobenzene	11.13	284	72220	20.29	ng	# 85
68) Atrazine	11.22	200	68867	18.48	ng	93
69) Pentachlorophenol	11.32	266	84410	37.10	ng	97
70) Phenanthrene	11.54	178	448593	23.36	ng	98
71) Anthracene	11.60	178	463065	24.67	ng	98
72) Carbazole	11.74	167	388114	21.66	ng	99
73) Di-n-butylphthalate	12.08	149	466830	22.78	ng	98
74) Fluoranthene	12.74	202	530713	28.25	ng	91
76) Benzidine	12.85	184	62383	6.44	ng	# 95
77) Pyrene	12.97	202	533148	28.20	ng	98
79) Butylbenzylphthalate	13.59	149	201414	26.30	ng	87
80) Benzo(a)anthracene	14.16	228	323467	23.07	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	72957	13.70	ng	# 92
82) Chrysene	14.19	228	277974	18.56	ng	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	272213	28.22	ng	# 97
84) Di-n-octyl phthalate	14.76	149	395168	22.57	ng	# 74
85) Indeno(1,2,3-cd)pyrene	17.15	276	233295	21.06	ng	# 94
87) Benzo(b)fluoranthene	15.22	252	506594	42.57	ng	# 94
88) Benzo(k)fluoranthene	15.22	252	506594	51.19	ng	# 93
89) Benzo(a)pyrene	15.60	252	228570	22.70	ng	# 92
90) Dibenzo(a,h)anthracene	17.17	278	190002	23.34	ng	# 89
91) Benzo(g,h,i)perylene	17.61	276	191906	23.31	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

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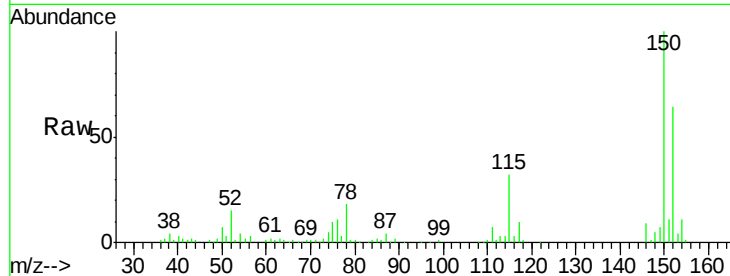
Tgt Ion:152 Resp: 133419

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

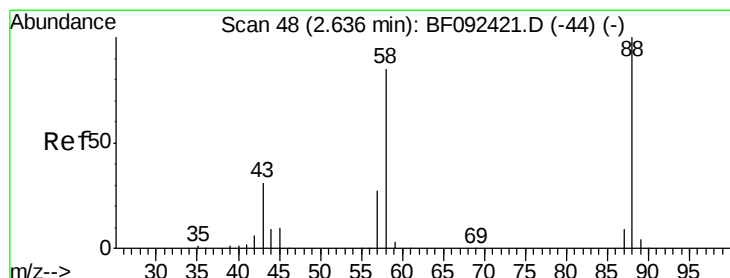
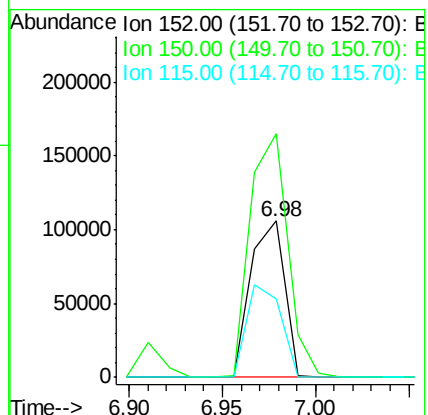
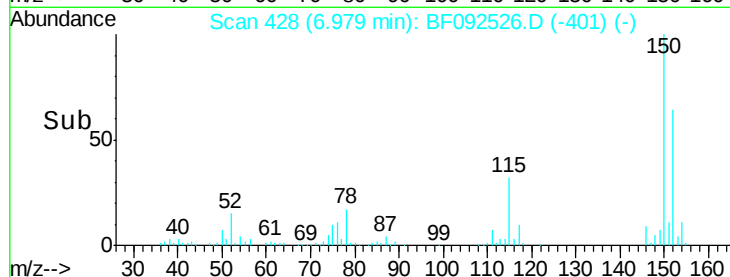
115 49.9 46.0 69.0



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: 17.96 ng

RT: 2.62 min Scan# 47

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

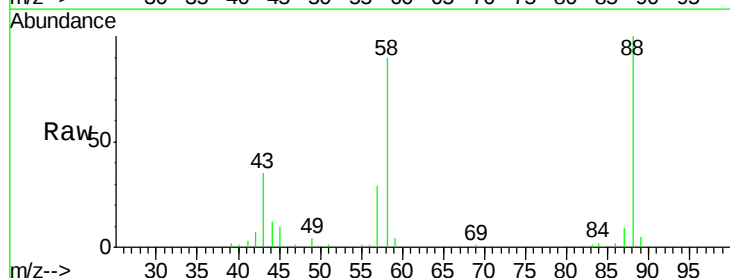
Tgt Ion: 88 Resp: 81917

Ion Ratio Lower Upper

88 100

58 90.9 57.8 86.8#

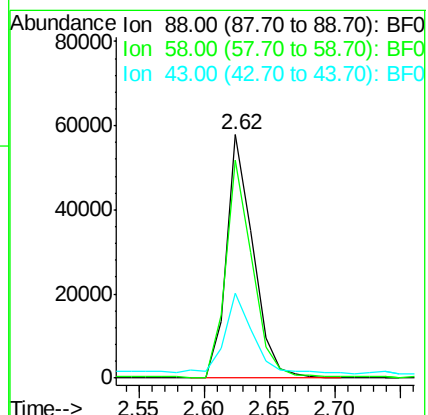
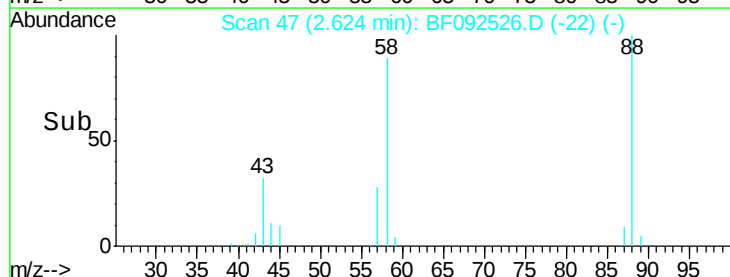
43 34.3 22.3 33.5#

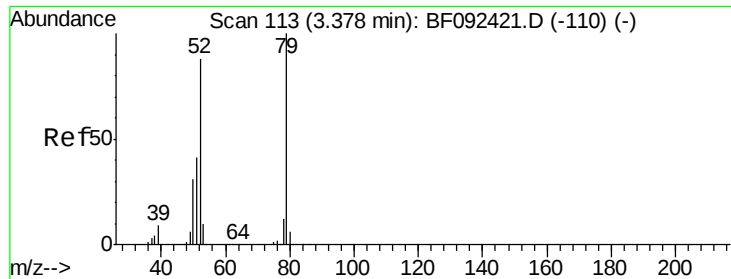


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 16.63 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

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ClientSampleId :

CAS-SB-01-0-2MSD

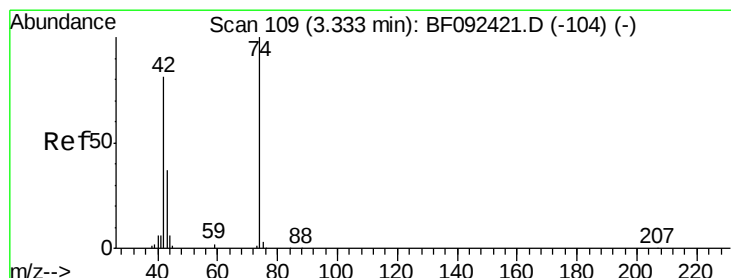
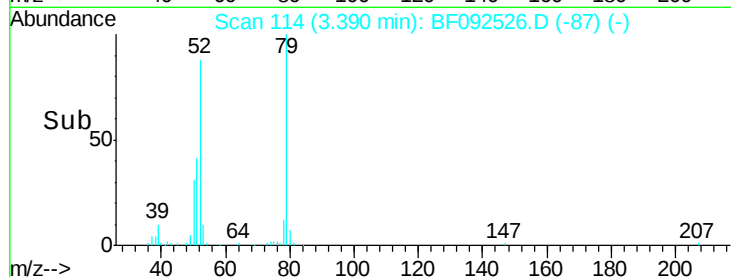
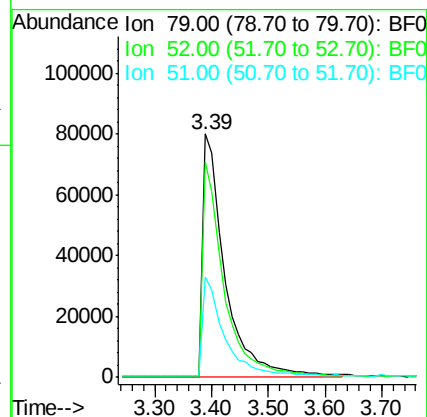
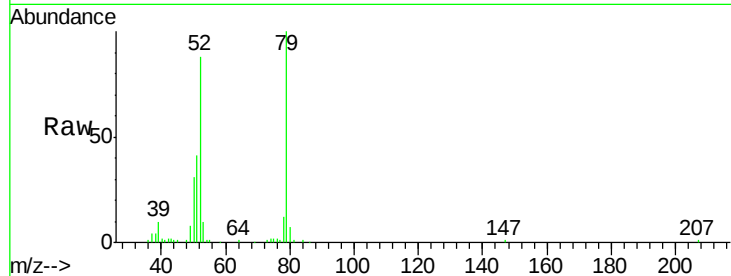
Tgt Ion: 79 Resp: 215980

Ion Ratio Lower Upper

79 100

52 88.3 57.1 85.7#

51 41.1 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 19.25 ng

RT: 3.32 min Scan# 108

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

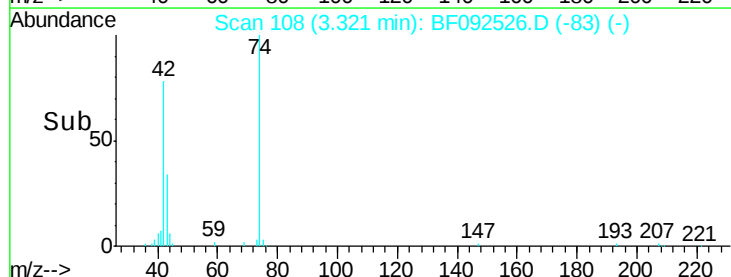
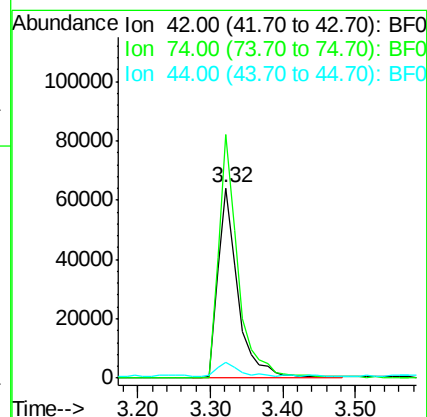
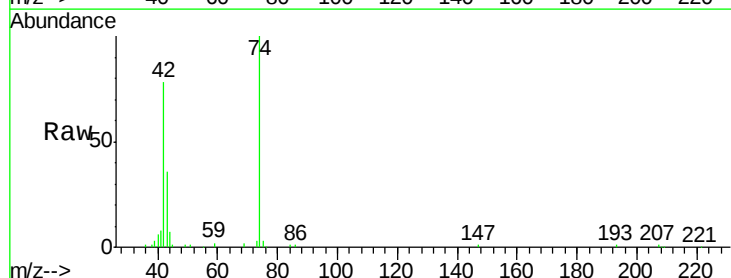
Tgt Ion: 42 Resp: 122623

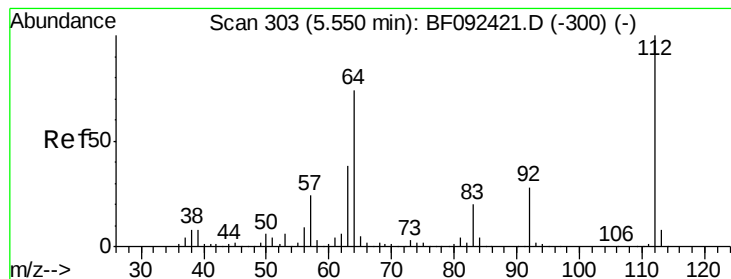
Ion Ratio Lower Upper

42 100

74 128.0 117.0 175.4

44 8.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 61.71 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

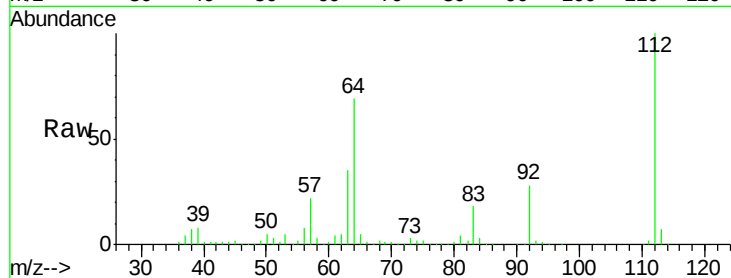
Instrument :

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ClientSampleId :

CAS-SB-01-0-2MSD

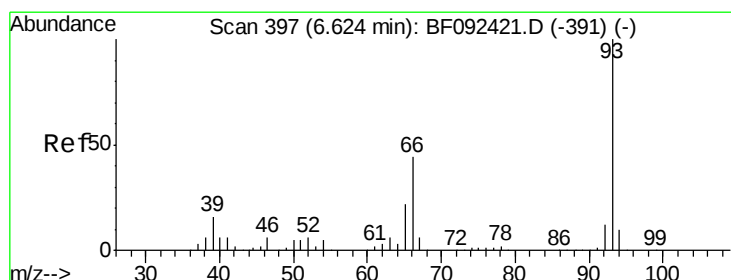
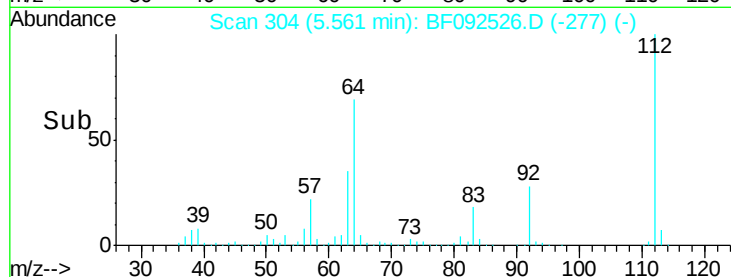
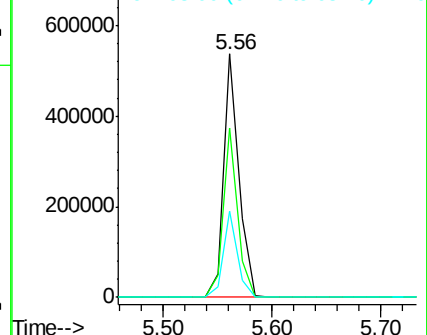
Tgt Ion:	112	Resp:	529190
Ion	Ratio	Lower	Upper
112	100		
64	69.4	46.1	69.1#
63	35.4	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.01 ng

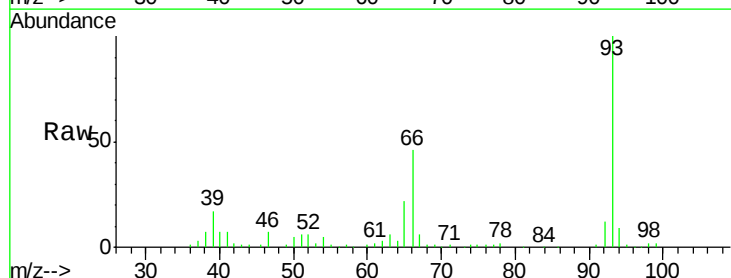
RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

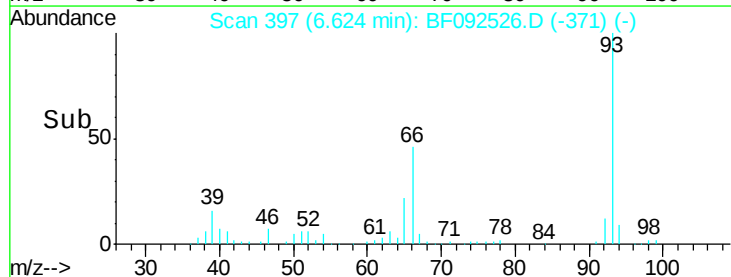
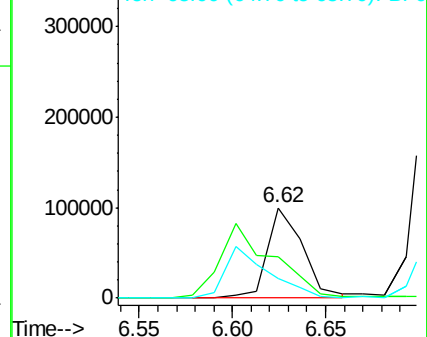
Tgt Ion:	93	Resp:	130549
Ion	Ratio	Lower	Upper
93	100		
66	45.9	76.2	114.2#
65	21.7	49.3	73.9#

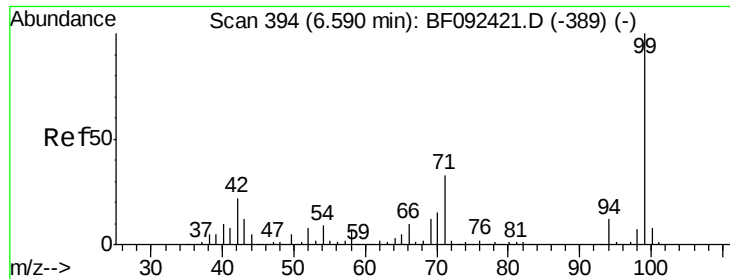


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 58.98 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092526.D

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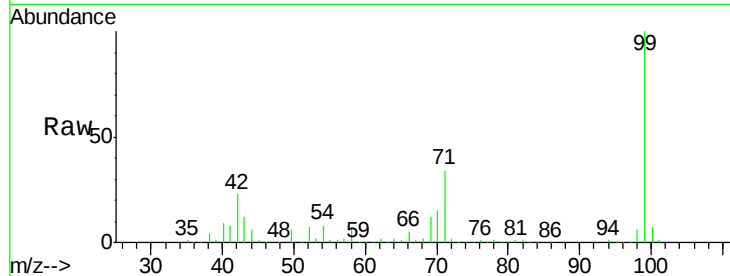
Tgt Ion: 99 Resp: 644263

Ion Ratio Lower Upper

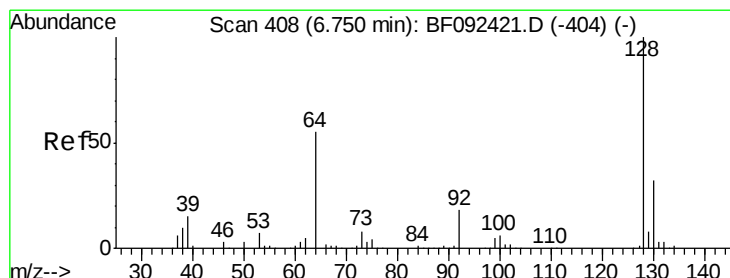
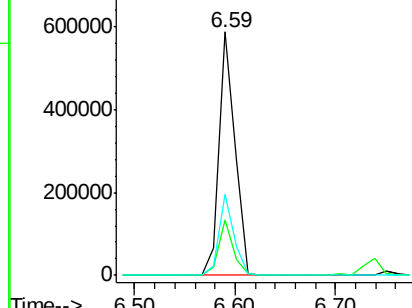
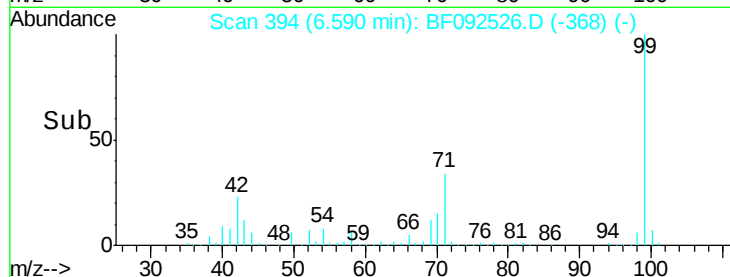
99 100

42 22.6 15.6 23.4

71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 20.23 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

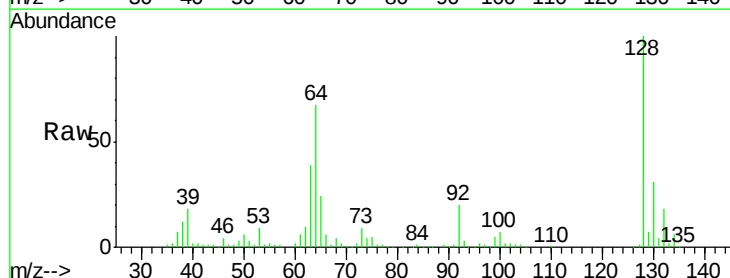
Tgt Ion: 128 Resp: 182252

Ion Ratio Lower Upper

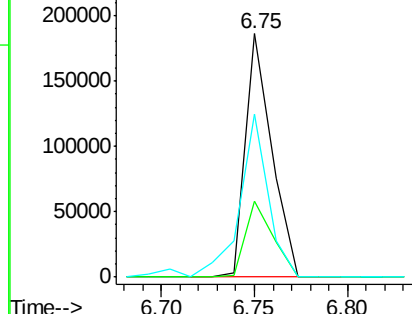
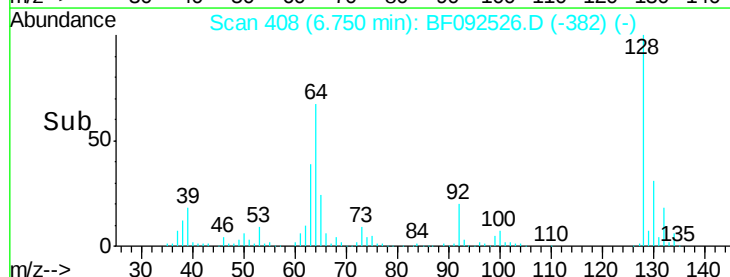
128 100

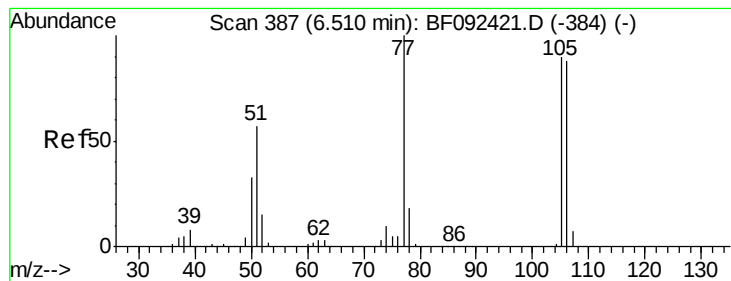
130 31.3 12.3 52.3

64 66.8 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.60 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

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CAS-SB-01-0-2MSD

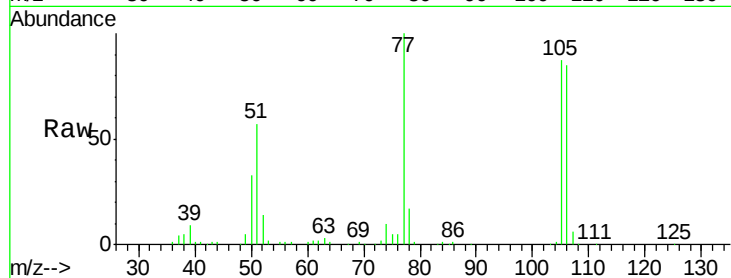
Tgt Ion: 77 Resp: 144187

Ion Ratio Lower Upper

77 100

105 86.6 83.9 123.9

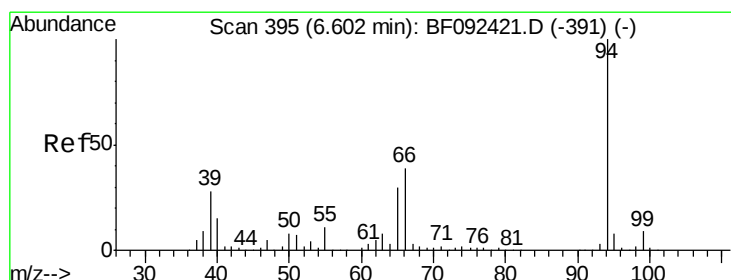
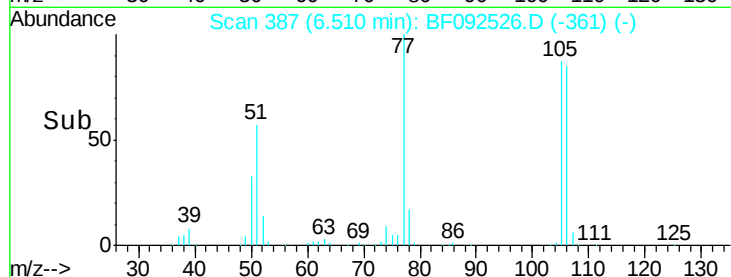
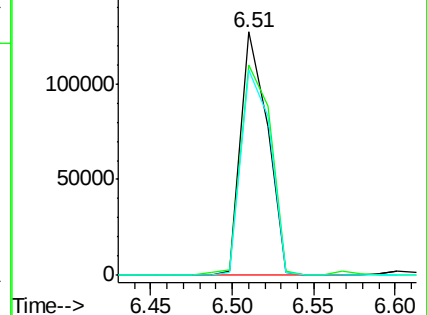
106 84.5 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 18.97 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

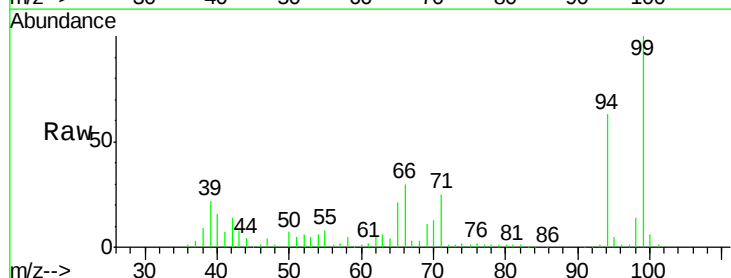
Tgt Ion: 94 Resp: 250133

Ion Ratio Lower Upper

94 100

65 32.8 21.4 61.4

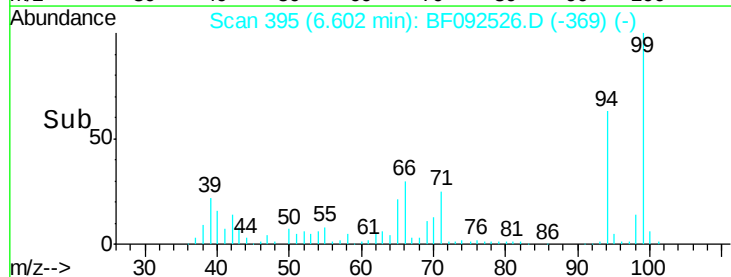
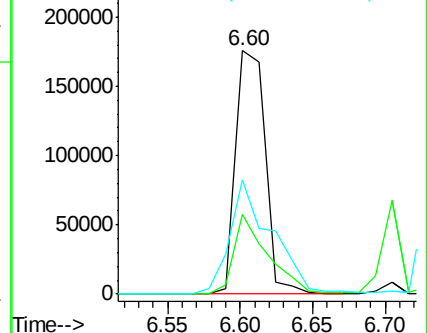
66 46.8 44.0 84.0

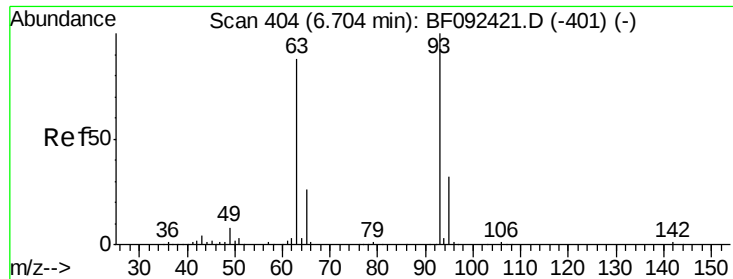


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 22.38 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

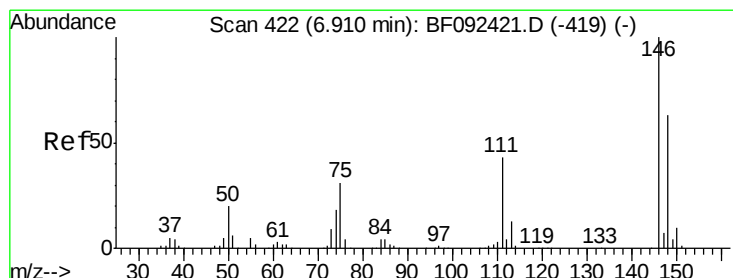
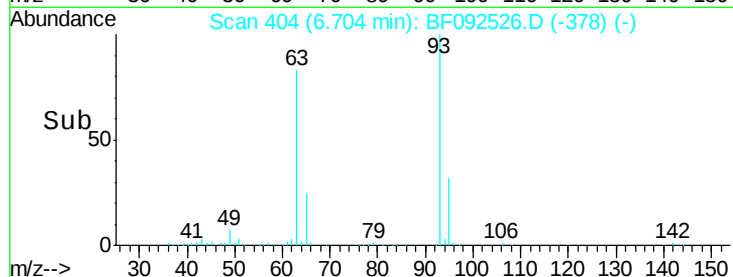
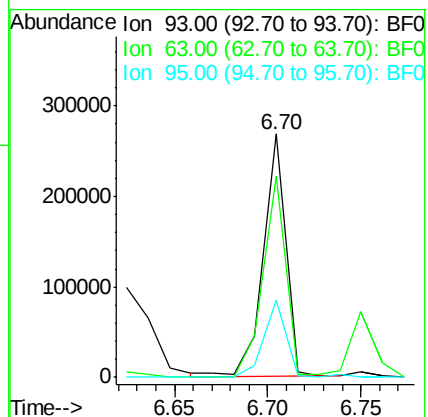
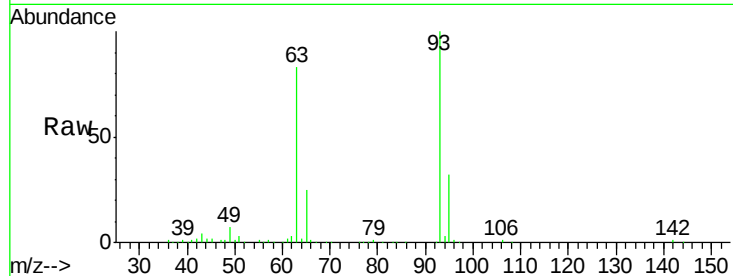
Tgt Ion: 93 Resp: 220720

Ion Ratio Lower Upper

93 100

63 82.6 60.4 100.4

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 18.33 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.24 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

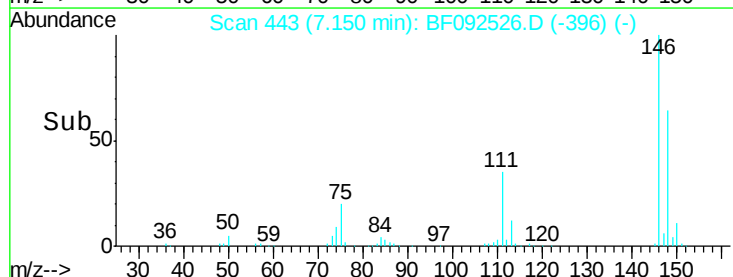
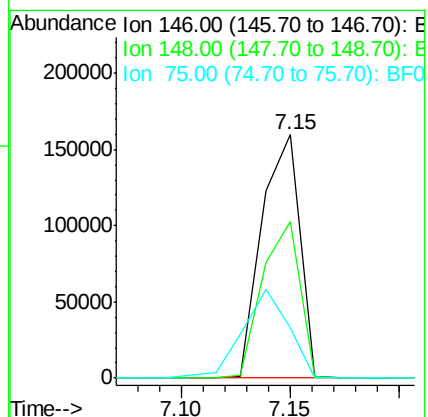
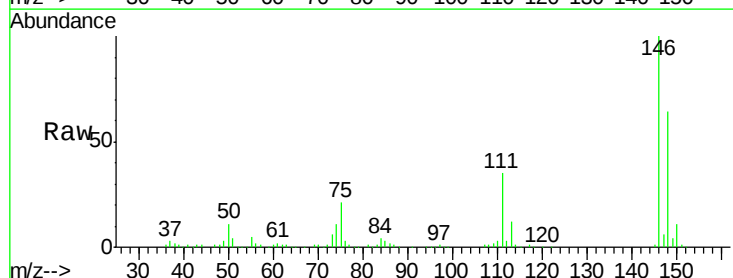
Tgt Ion: 146 Resp: 195224

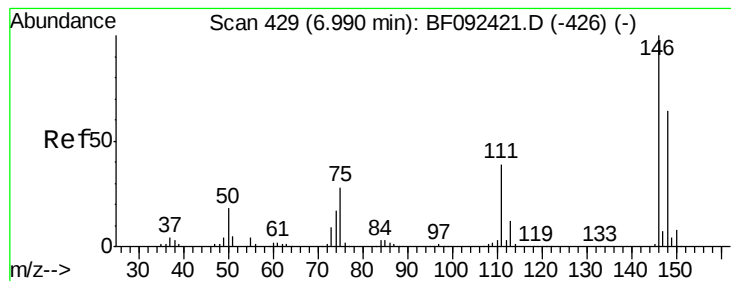
Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

75 20.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 20.67 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

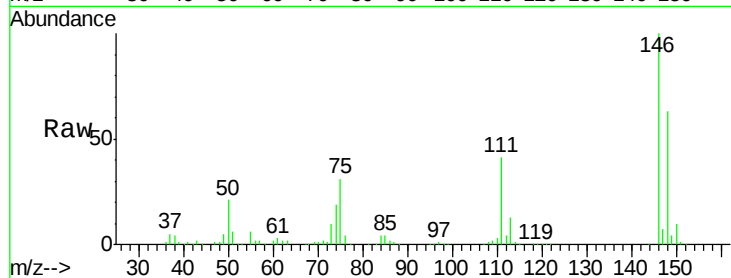
Tgt Ion:146 Resp: 221622

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

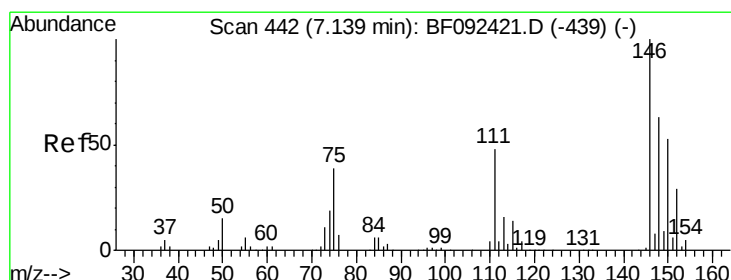
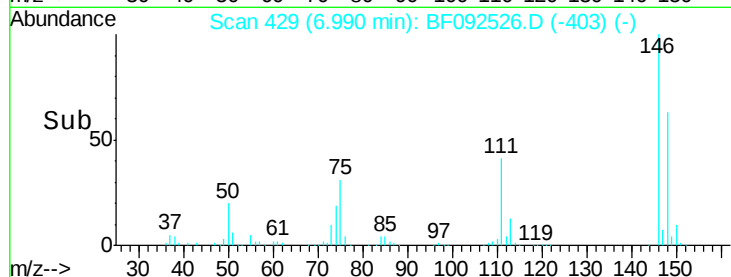
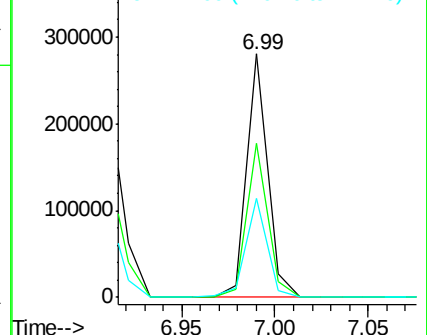
111 40.5 36.2 54.4



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: 21.79 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.15 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

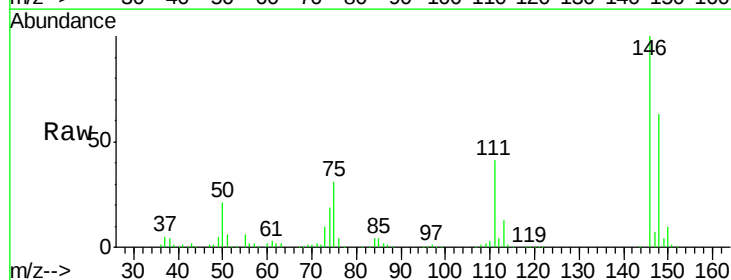
Tgt Ion:146 Resp: 221622

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

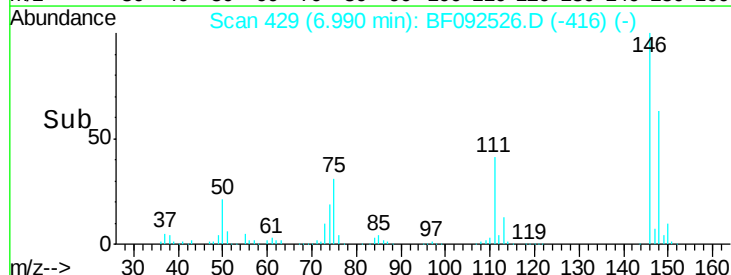
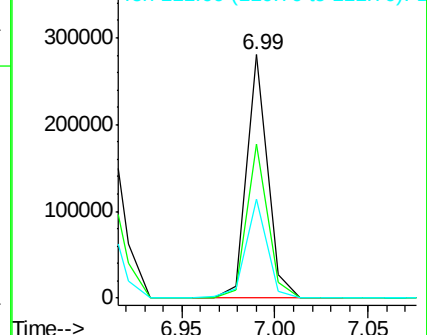
111 40.5 36.2 54.2

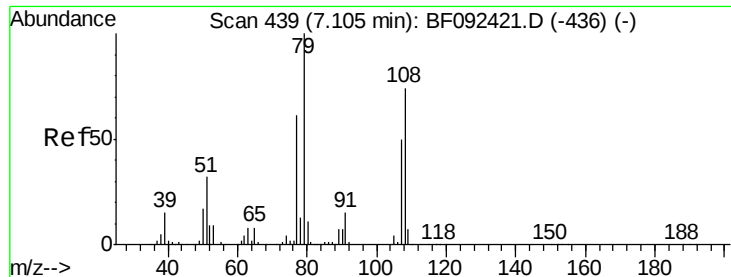


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.95 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

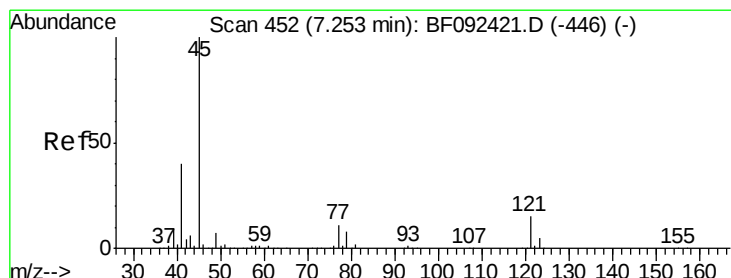
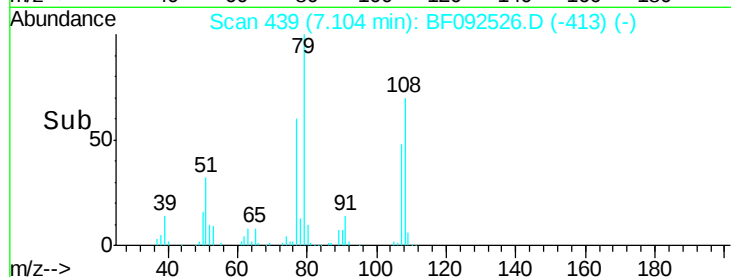
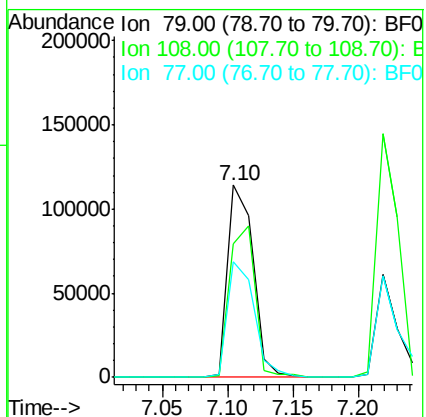
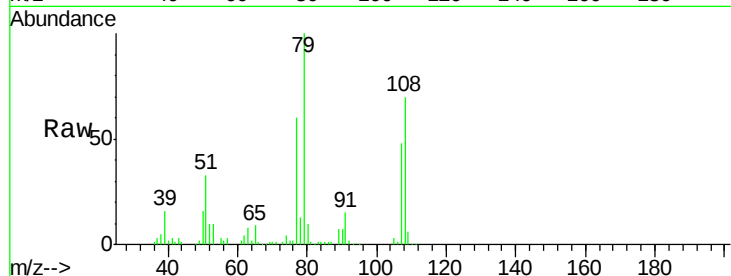
Tgt Ion: 79 Resp: 156004

Ion Ratio Lower Upper

79 100

108 69.8 61.4 92.0

77 60.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.47 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

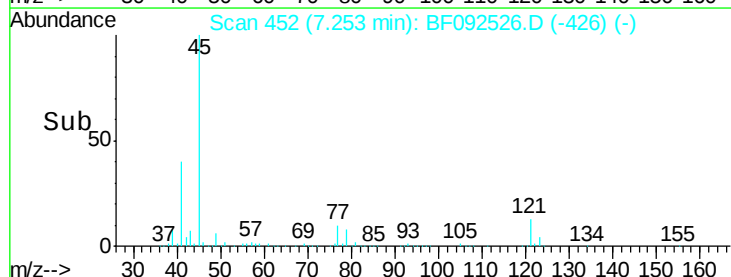
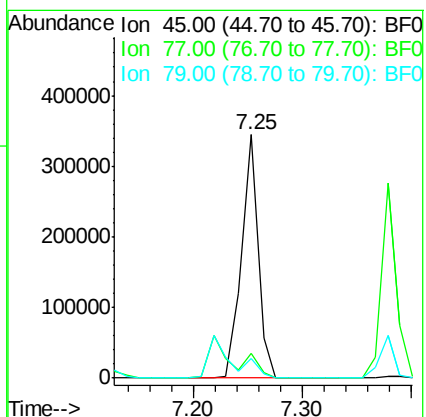
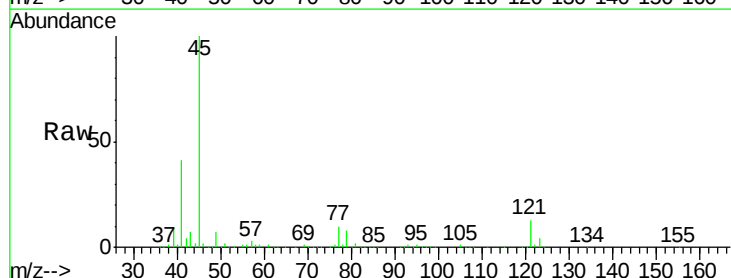
Tgt Ion: 45 Resp: 360432

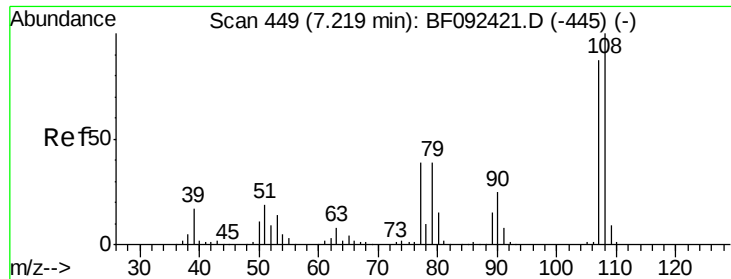
Ion Ratio Lower Upper

45 100

77 10.3 0.0 34.6

79 8.1 0.0 31.2

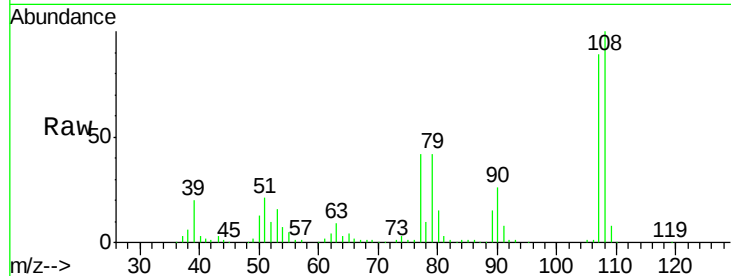




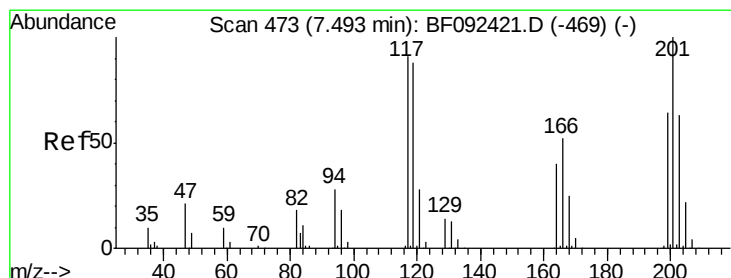
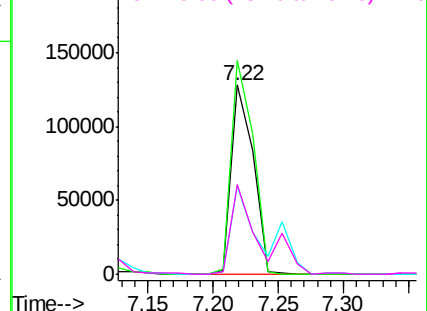
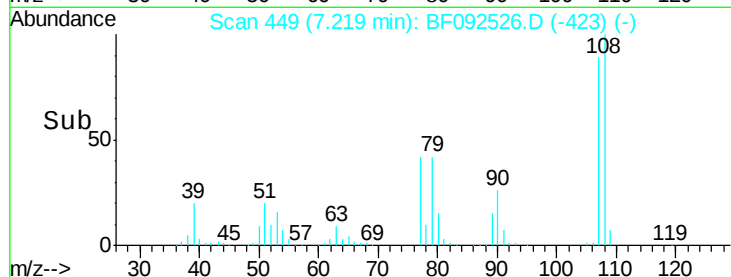
#17
2-Methylphenol
Concen: 19.38 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tgt Ion:107 Resp: 149119
Ion Ratio Lower Upper
107 100
108 112.9 93.0 139.6
77 46.9 39.8 59.8
79 47.6 38.0 57.0

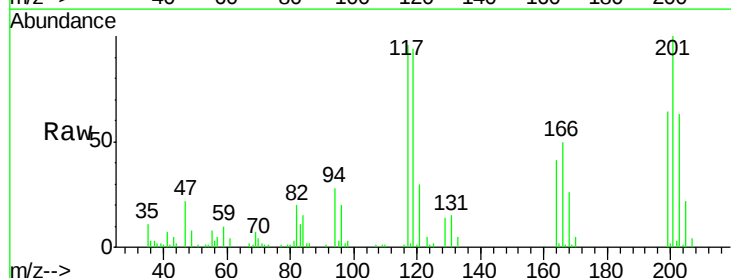


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

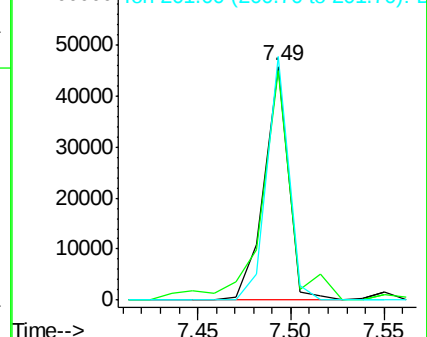
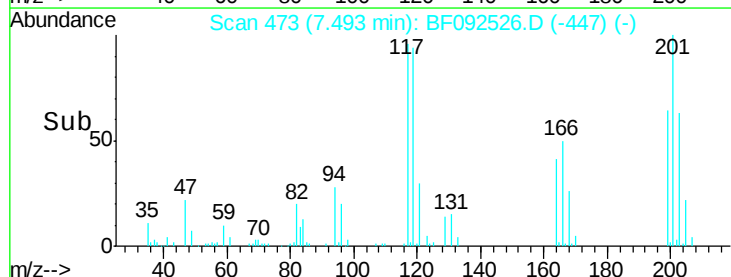


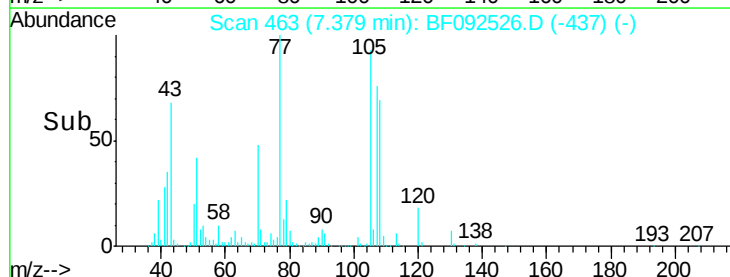
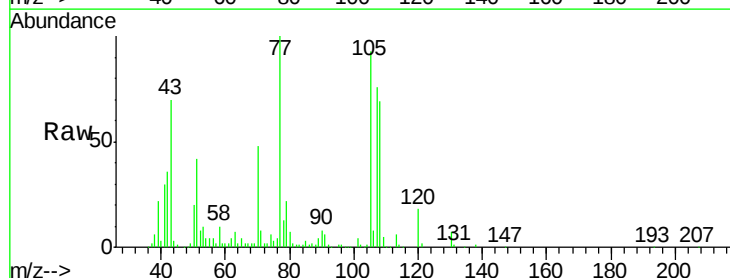
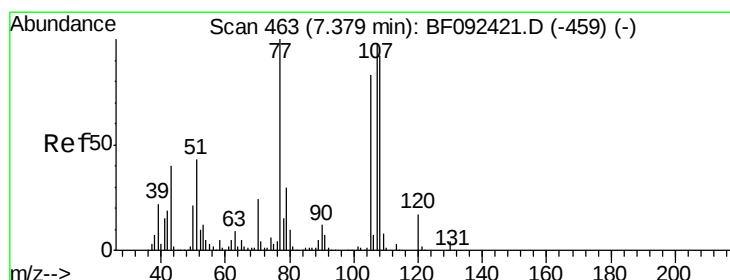
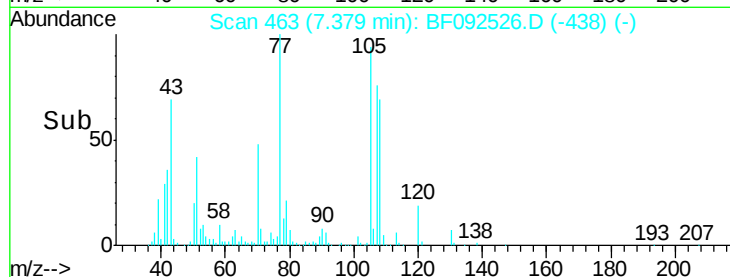
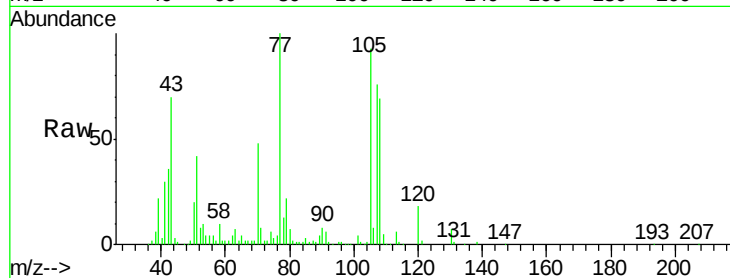
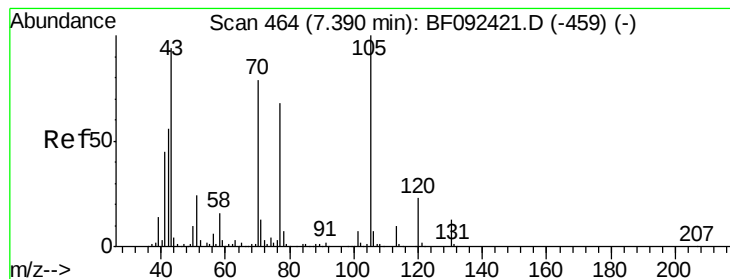
#18
Hexachloroethane
Concen: 11.09 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion:117 Resp: 40974
Ion Ratio Lower Upper
117 100
119 98.2 78.1 117.1
201 104.3 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.92 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tgt Ion: 70 Resp: 133306

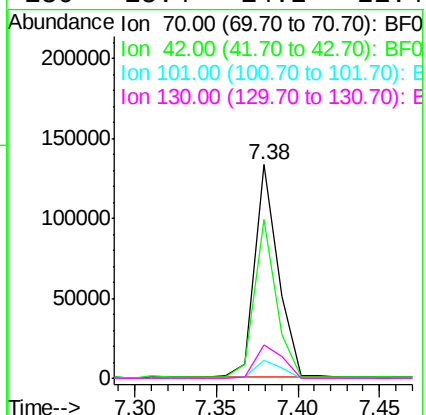
Ion Ratio Lower Upper

70 100

42 74.0 49.4 74.0#

101 8.6 7.4 11.2

130 15.4 14.2 21.4



#20

3+4-Methylphenols

Concen: 20.78 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion: 107 Resp: 194046

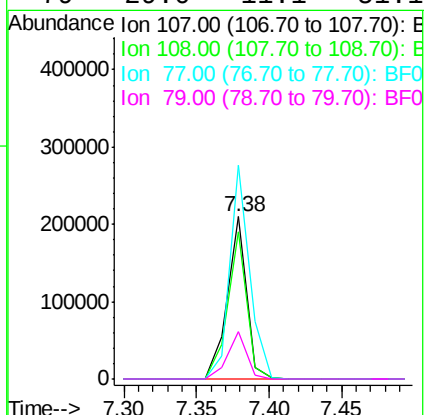
Ion Ratio Lower Upper

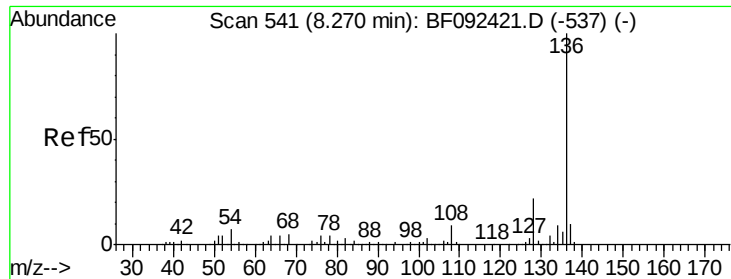
107 100

108 91.0 73.0 113.0

77 131.6 71.3 111.3#

79 29.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tgt Ion:136 Resp: 480670

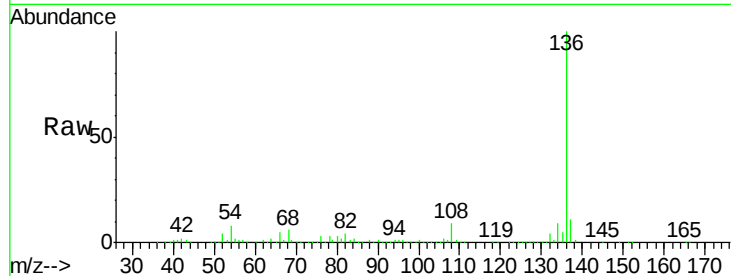
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.2 4.5 6.7#

68 6.3 3.6 5.4#



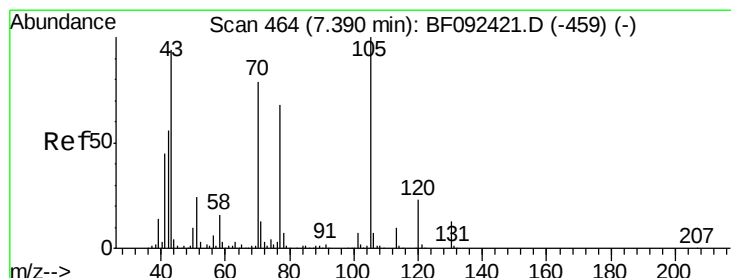
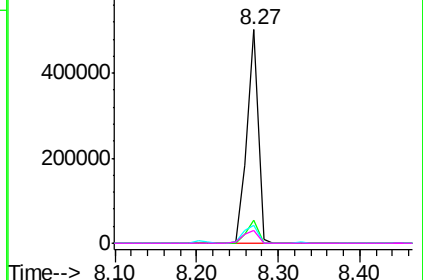
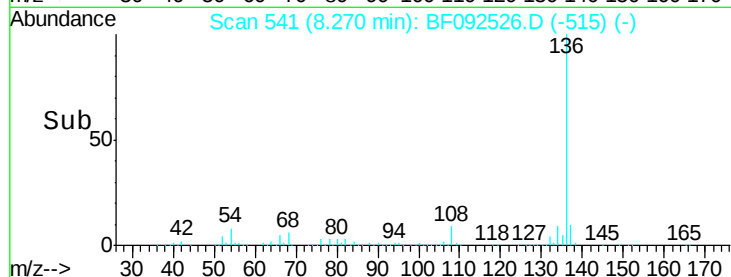
Abundance

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: 23.20 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:105 Resp: 265582

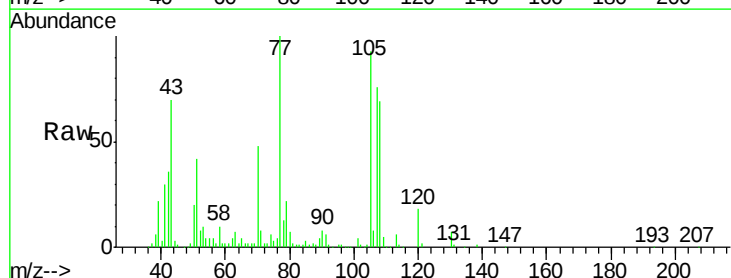
Ion Ratio Lower Upper

105 100

71 9.1 3.2 4.8#

51 45.4 26.2 39.4#

120 19.8 16.6 24.8



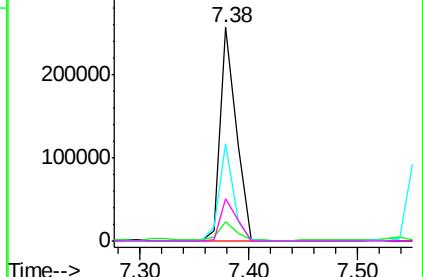
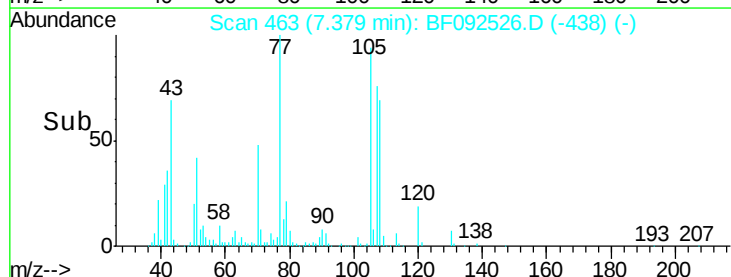
Abundance

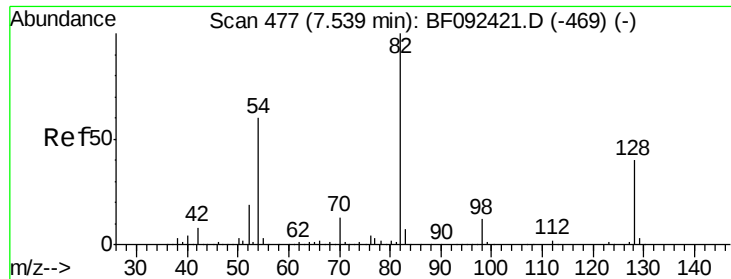
Ion 105.00 (104.70 to 105.70): E

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

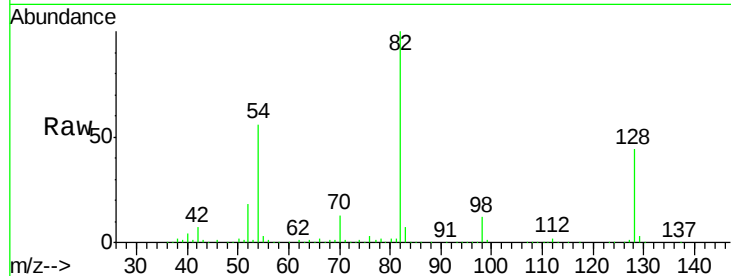




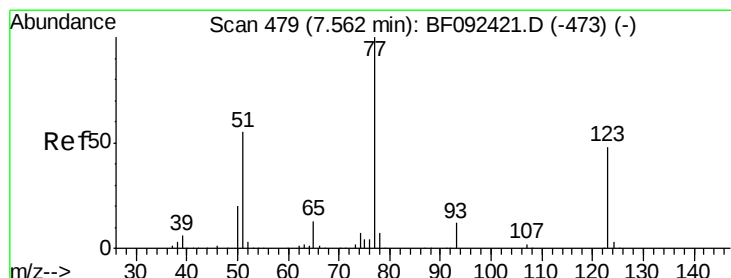
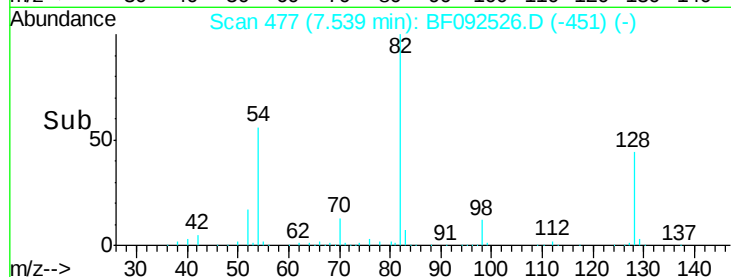
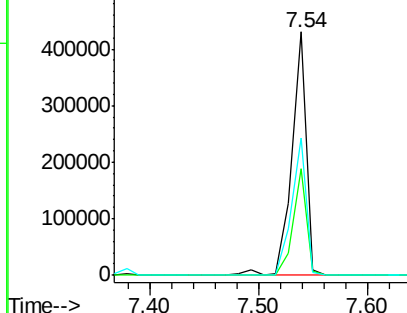
#23
 Nitrobenzene-d5
 Concen: 45.72 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tgt Ion: 82 Resp: 402332
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 56.4 39.5 59.3

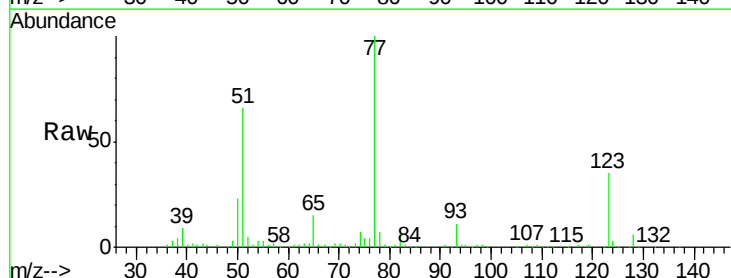


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

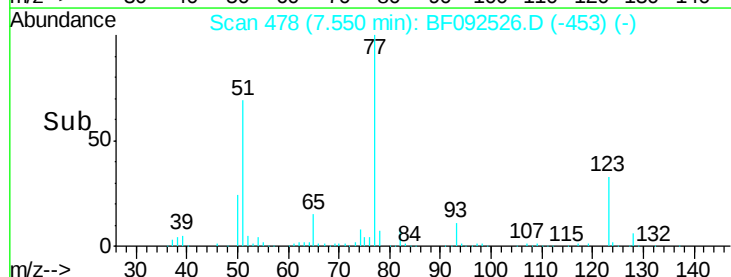
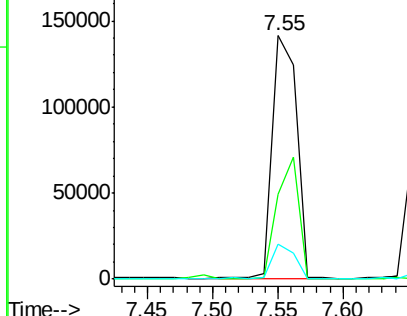


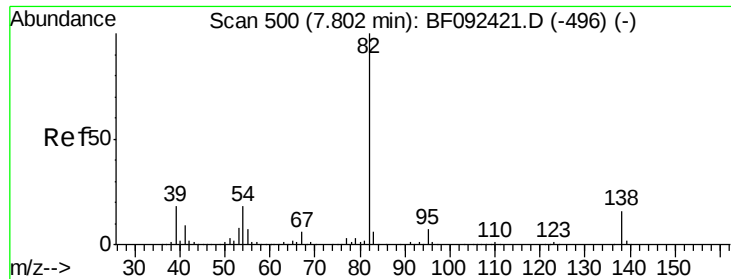
#24
 Nitrobenzene
 Concen: 20.19 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion: 77 Resp: 186081
 Ion Ratio Lower Upper
 77 100
 123 34.9 33.0 49.4
 65 14.5 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: 20.47 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

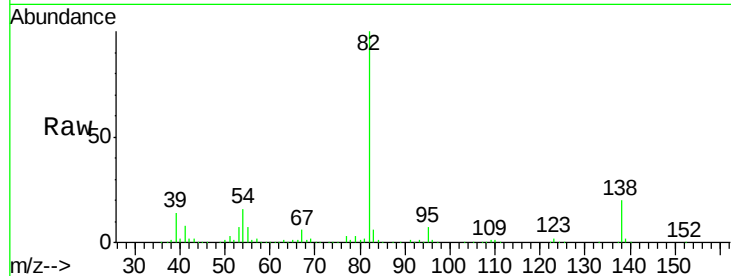
Tgt Ion: 82 Resp: 354942

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

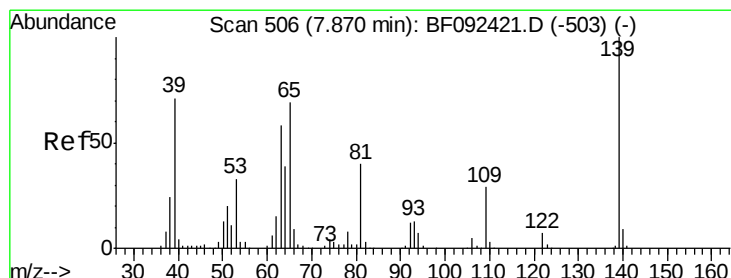
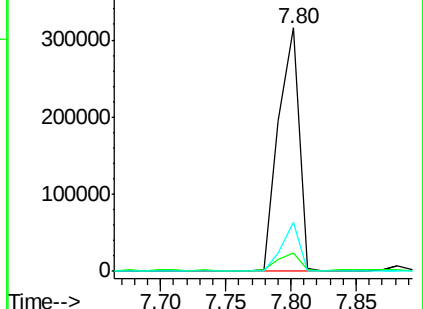
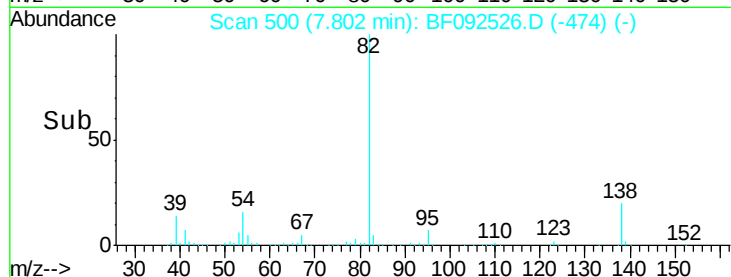
138 19.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 11.59 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

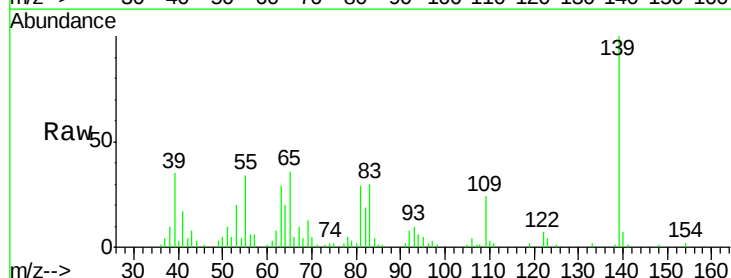
Tgt Ion: 139 Resp: 44783

Ion Ratio Lower Upper

139 100

109 24.5 23.3 34.9

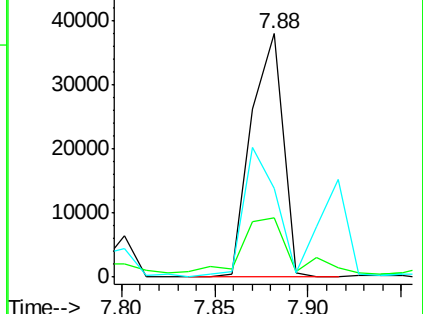
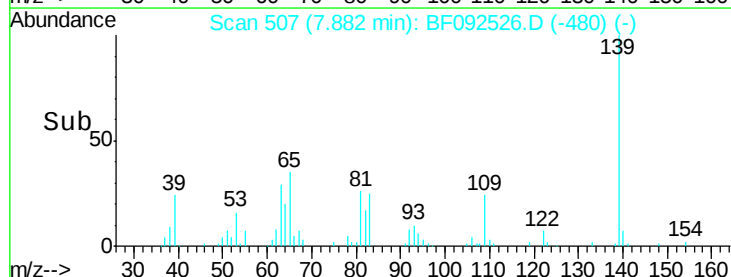
65 36.4 42.7 64.1#

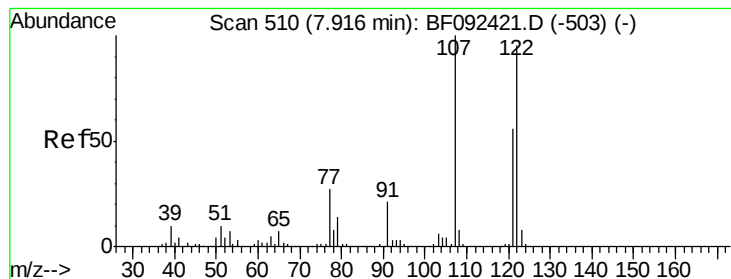


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

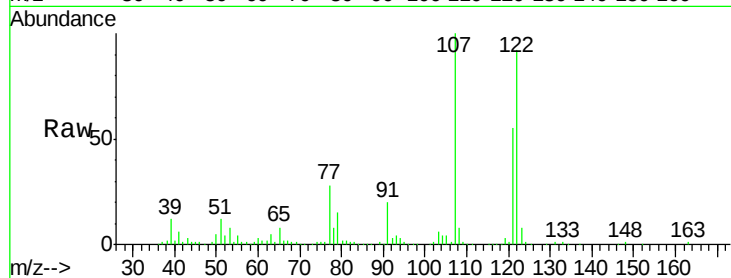




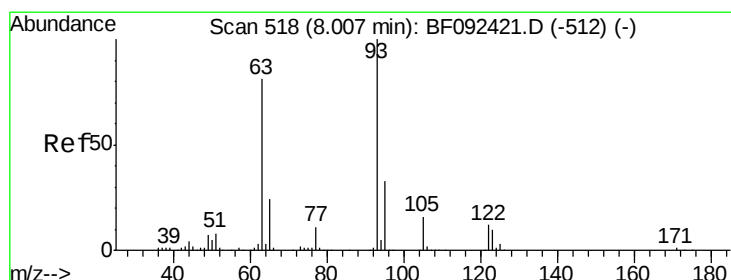
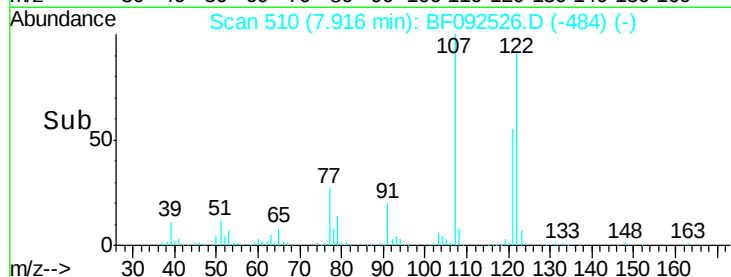
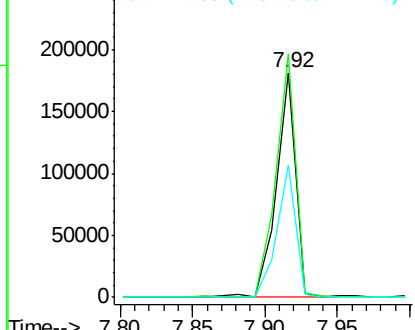
#27
 2,4-Dimethylphenol
 Concen: 20.95 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tgt Ion:122 Resp: 168312
 Ion Ratio Lower Upper
 122 100
 107 108.3 94.1 141.1
 121 59.0 46.0 69.0

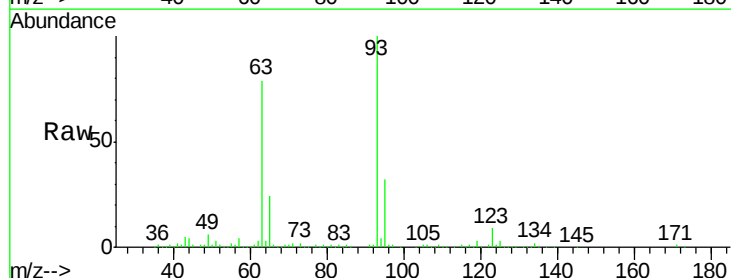


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

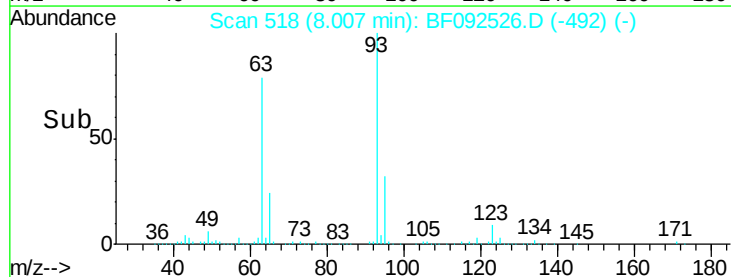
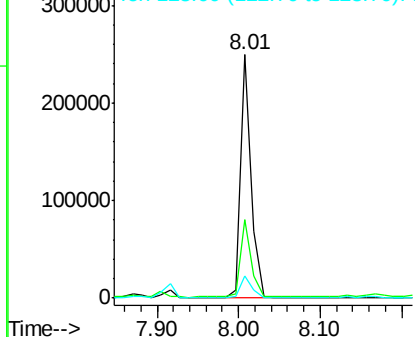


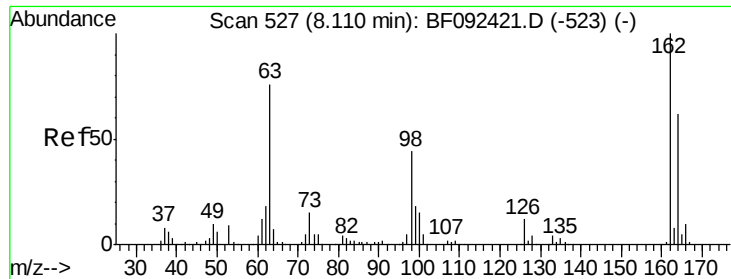
#28
 bis(2-Chloroethoxy)methane
 Concen: 20.05 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion: 93 Resp: 228192
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 9.3 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

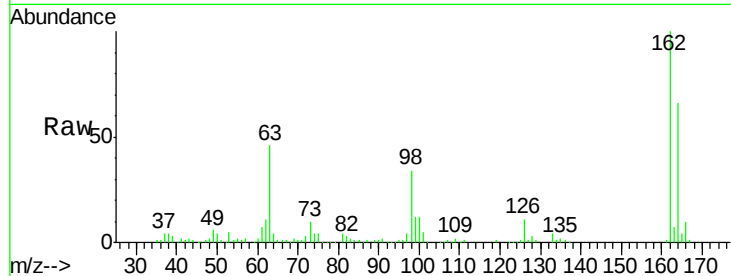




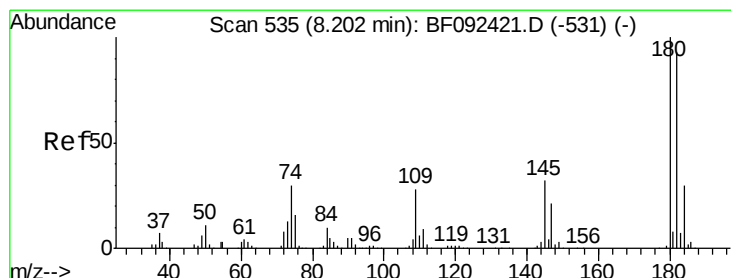
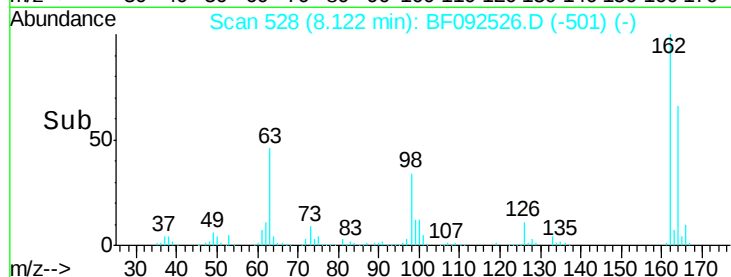
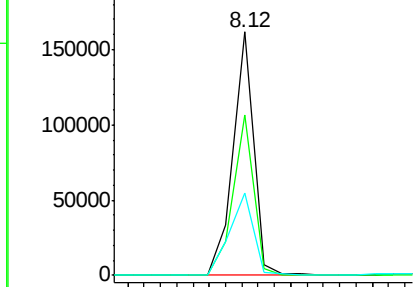
#29
 2,4-Dichlorophenol
 Concen: 20.21 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	46.8	86.8
98	34.1	9.1	49.1

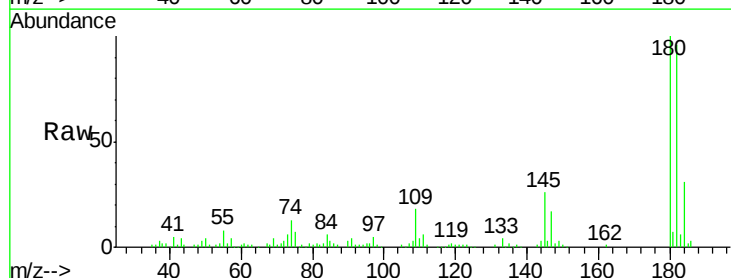


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

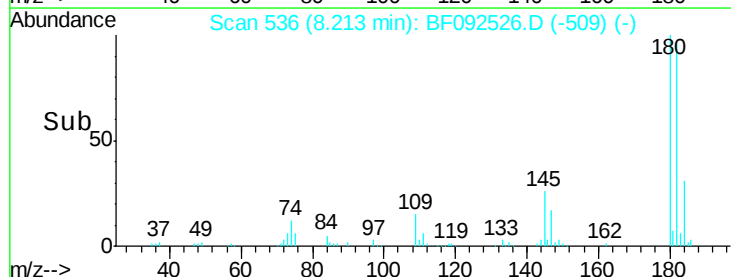
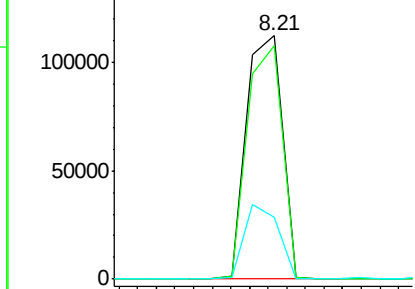


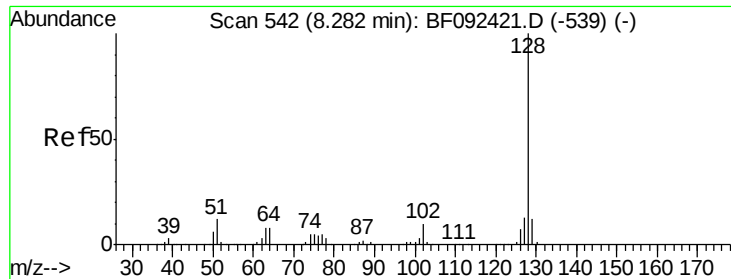
#30
 1,2,4-Trichlorobenzene
 Concen: 19.88 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.2	117.4
145	25.5	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

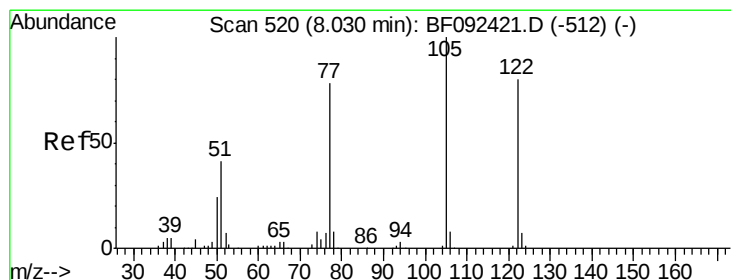
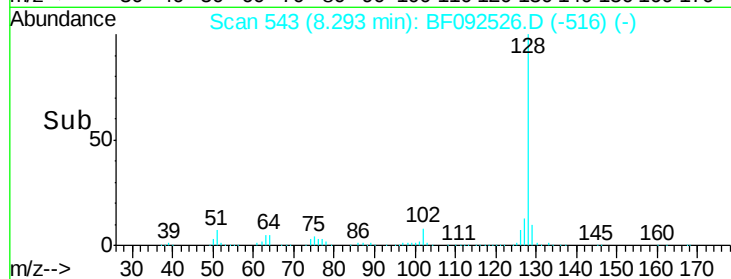
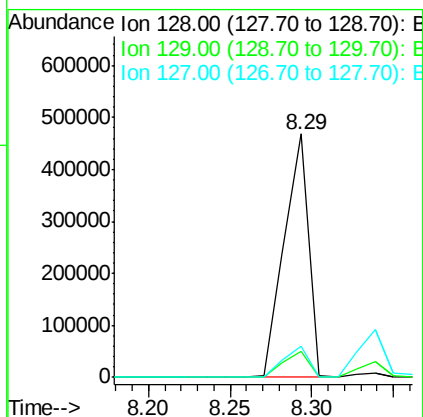
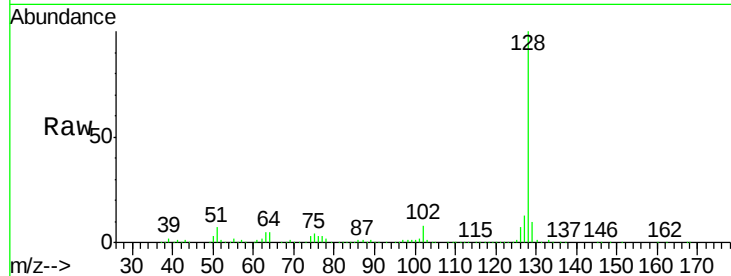




#31
Naphthalene
Concen: 19.93 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

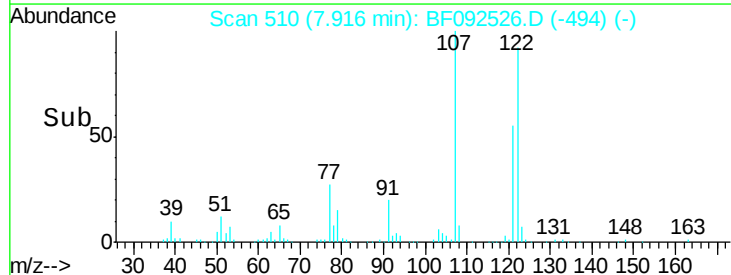
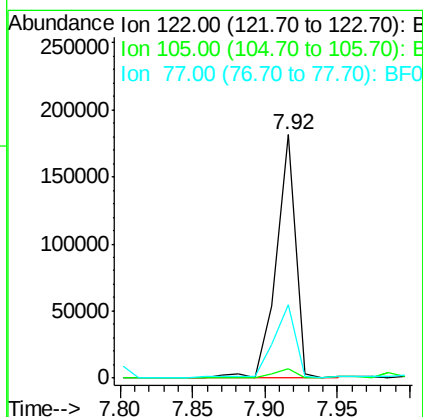
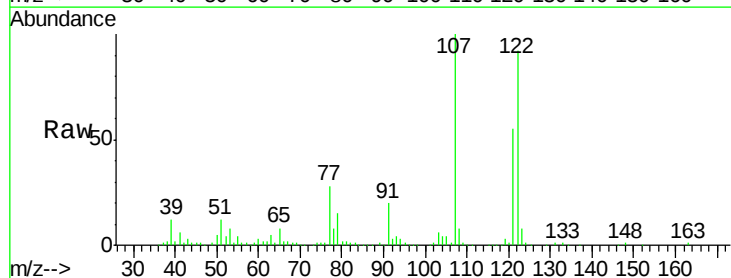
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

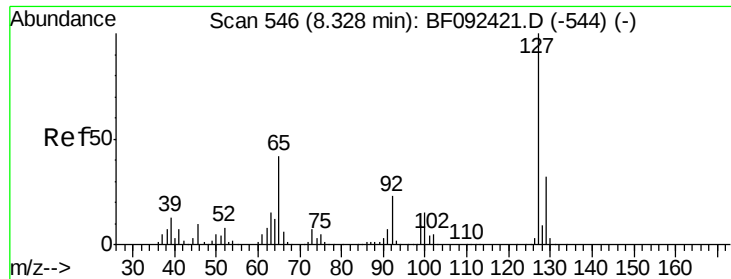
Tgt Ion:128 Resp: 490261
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 29.98 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.11 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion:122 Resp: 168312
Ion Ratio Lower Upper
122 100
105 3.8 107.2 147.2#
77 30.1 74.5 114.5#

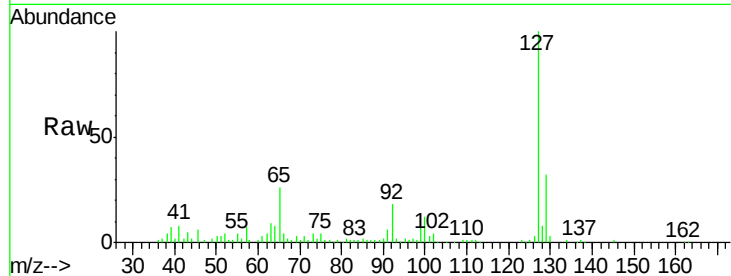




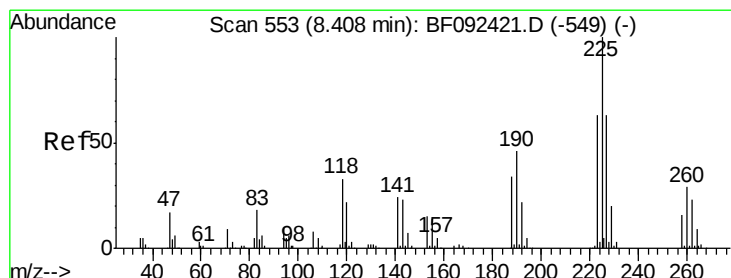
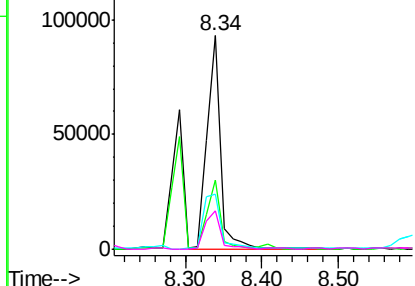
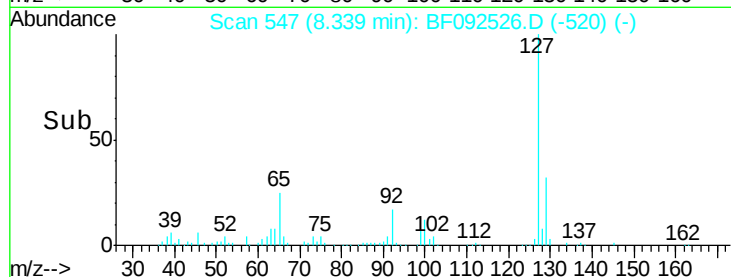
#33
4-Chloroaniline
Concen: 10.79 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tgt Ion:	127	Resp:	112318
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	25.9	25.8	38.8
92	17.8	16.1	24.1

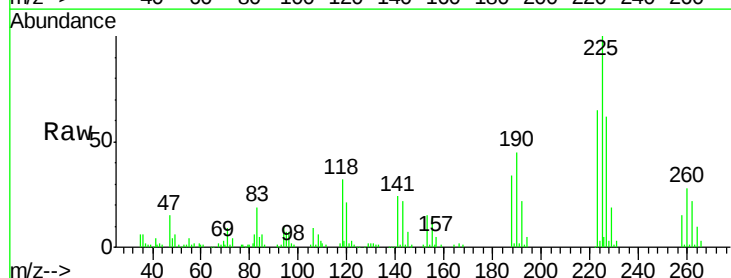


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

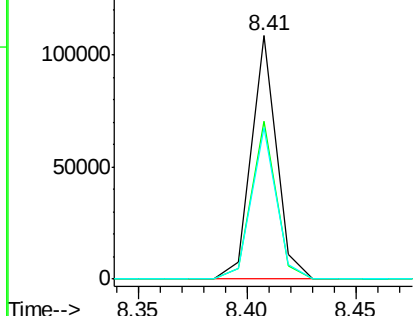
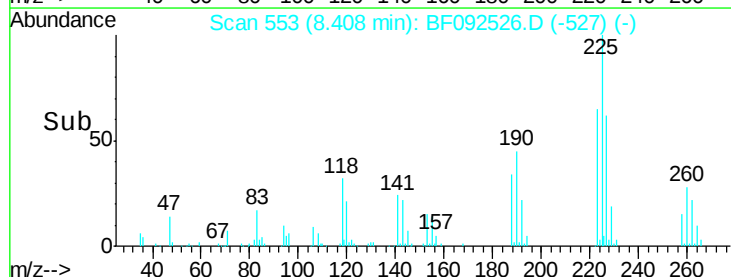


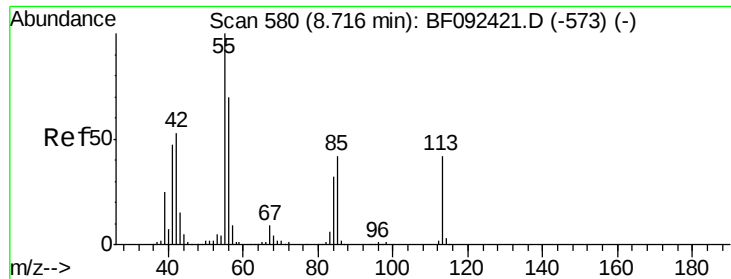
#34
Hexachlorobutadiene
Concen: 21.13 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion:	225	Resp:	87026
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	62.1	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

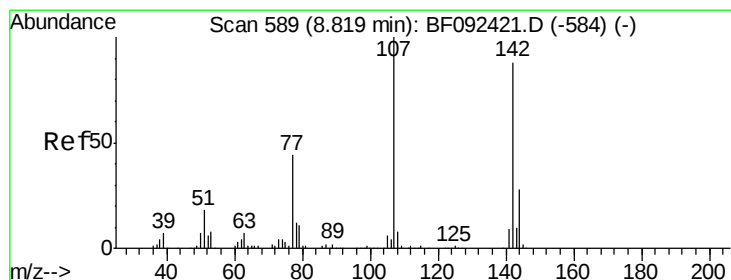
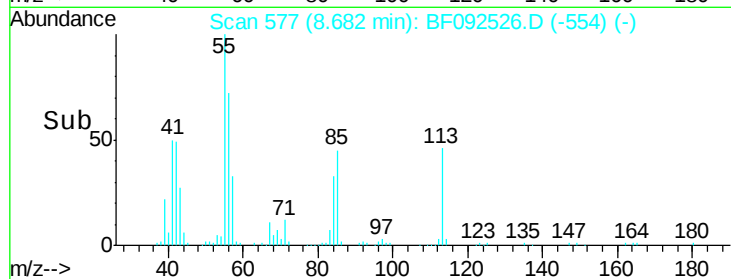
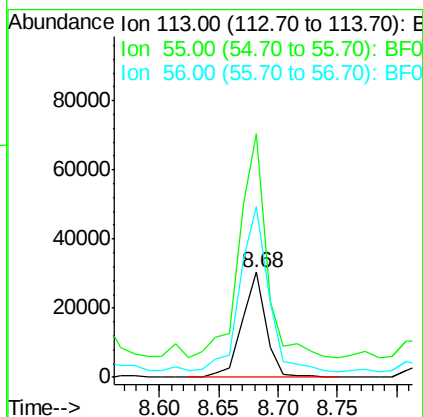
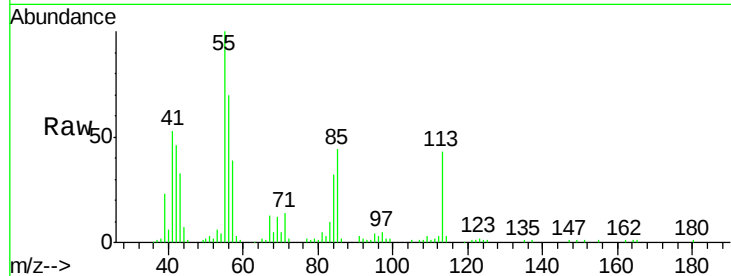




#35
 Caprolactam
 Concen: 18.42 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.03 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

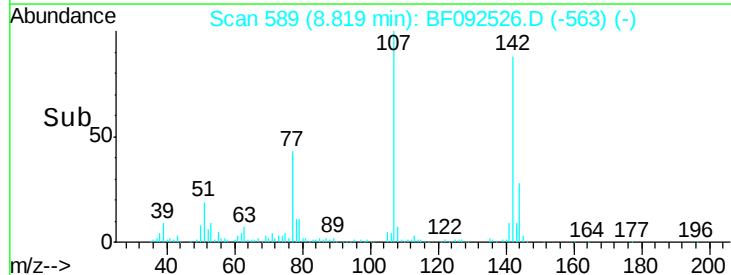
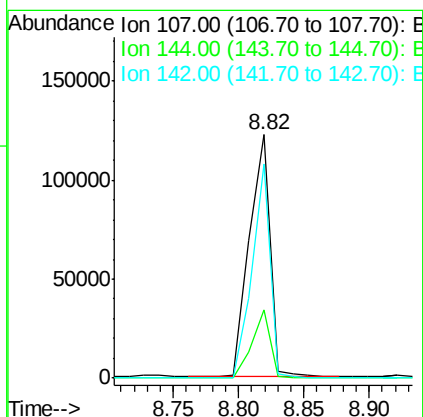
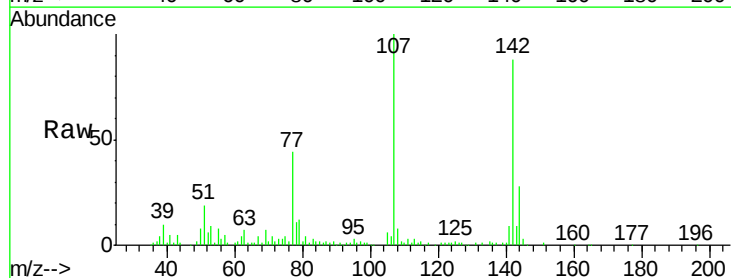
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

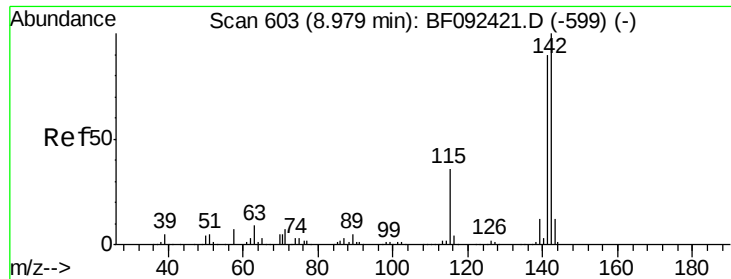
Tgt Ion:113 Resp: 42834
 Ion Ratio Lower Upper
 113 100
 55 232.1 119.2 159.2#
 56 162.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 18.01 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion:107 Resp: 135273
 Ion Ratio Lower Upper
 107 100
 144 27.8 19.3 28.9
 142 88.0 59.0 88.6

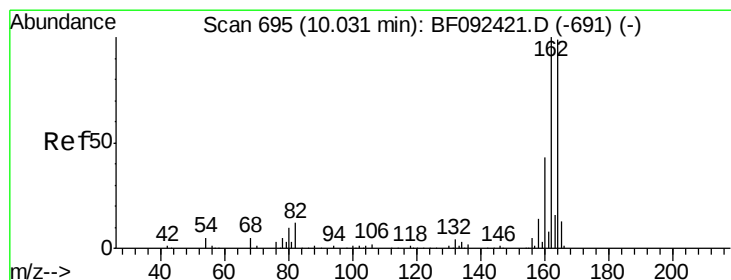
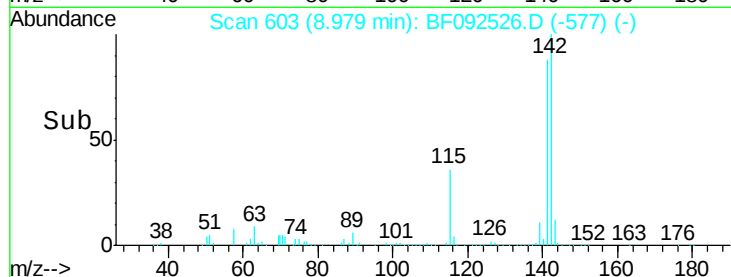
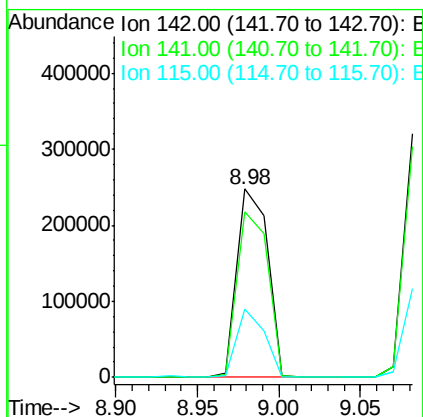
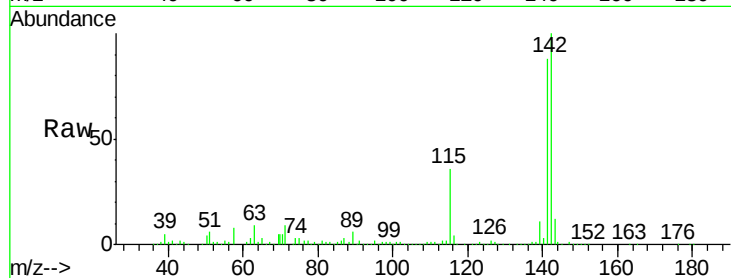




#37
2-Methylnaphthalene
Concen: 20.60 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

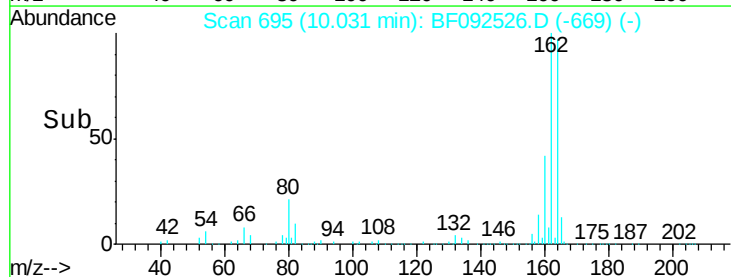
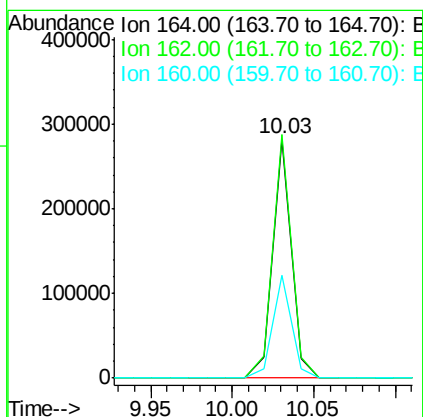
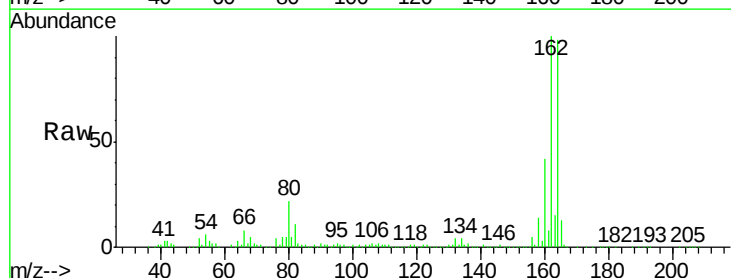
Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

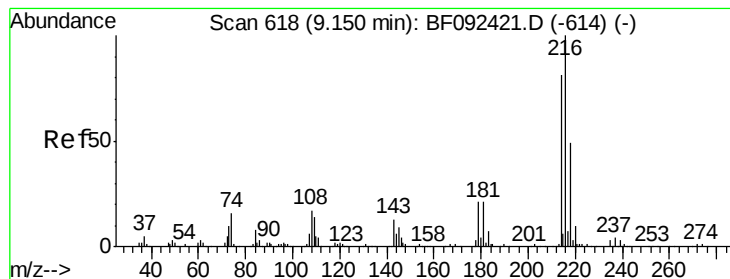
Tgt Ion:142 Resp: 320902
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 36.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion:164 Resp: 228058
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 43.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.47 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tgt Ion:216 Resp: 140772

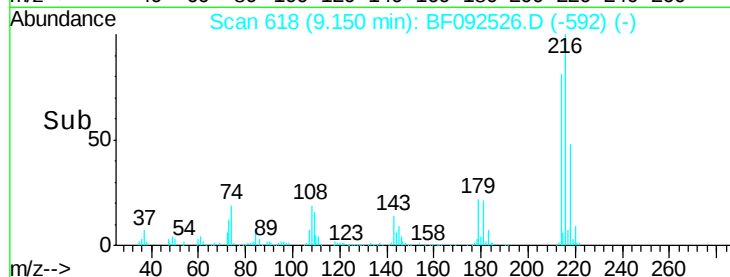
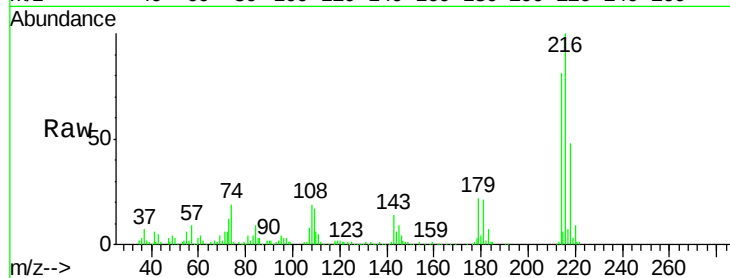
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 22.8 17.4 26.2

108 18.4 15.6 23.4

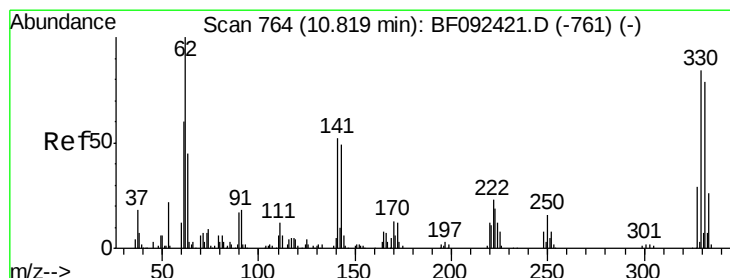
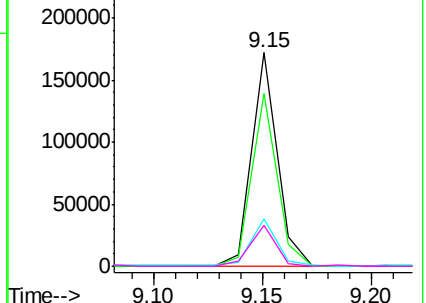


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 61.65 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

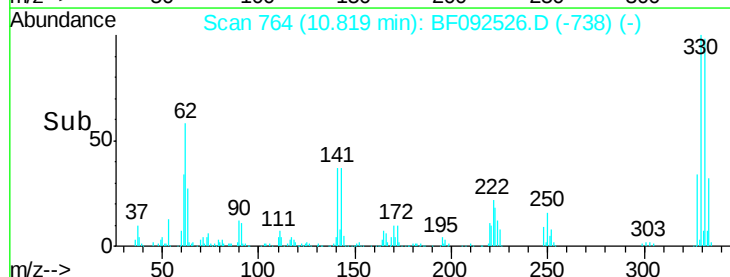
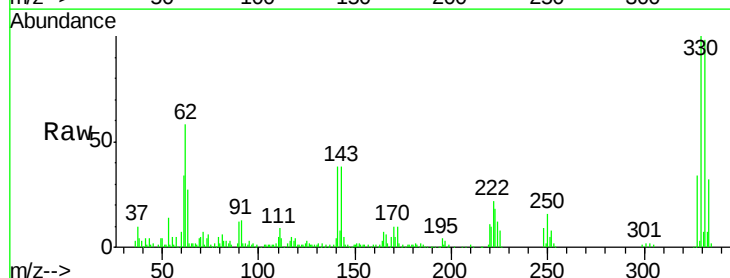
Tgt Ion:330 Resp: 95809

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

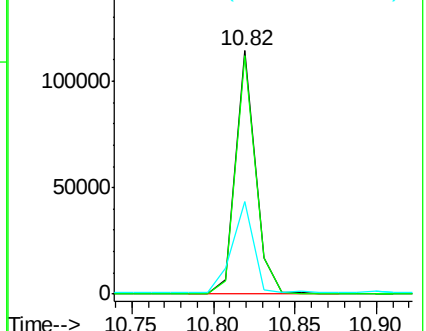
141 40.2 34.1 51.1

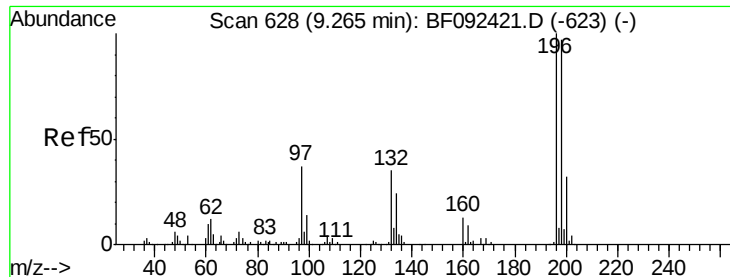


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 21.13 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

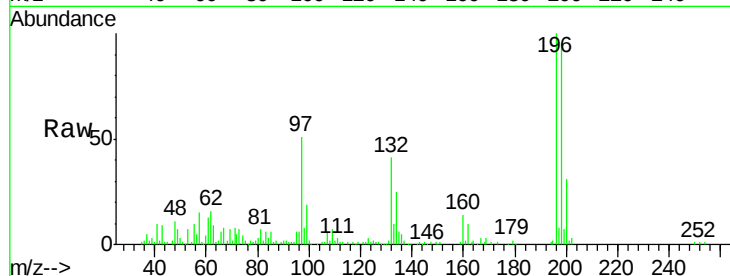
Tgt Ion:196 Resp: 93146

Ion Ratio Lower Upper

196 100

198 95.2 82.1 123.1

200 30.9 27.0 40.4

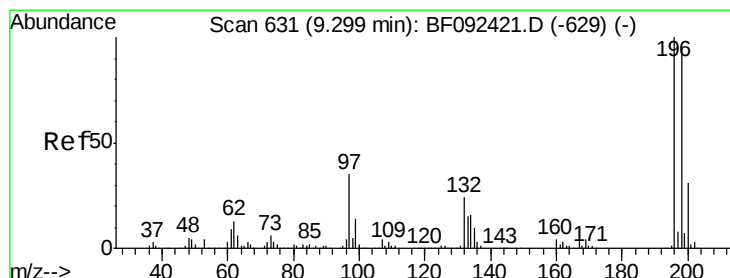
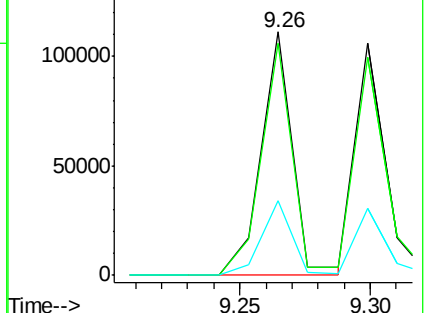
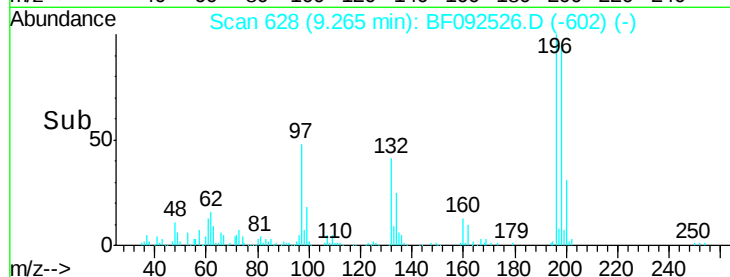


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 21.46 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:196 Resp: 86535

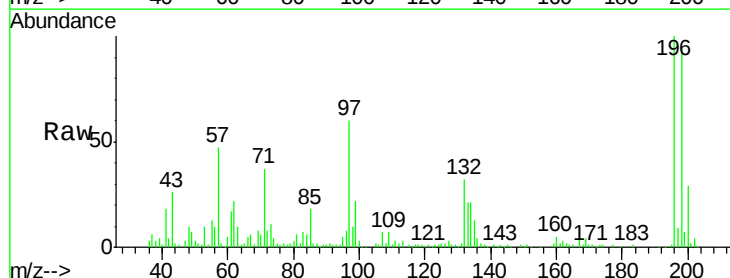
Ion Ratio Lower Upper

196 100

198 94.0 79.4 119.2

97 59.8 51.5 77.3

132 31.9 27.4 41.2



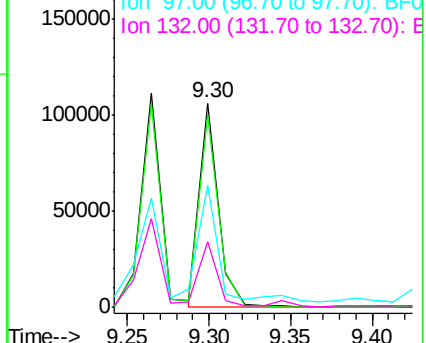
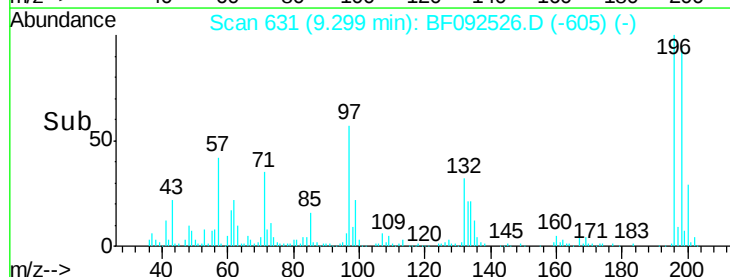
Abundance

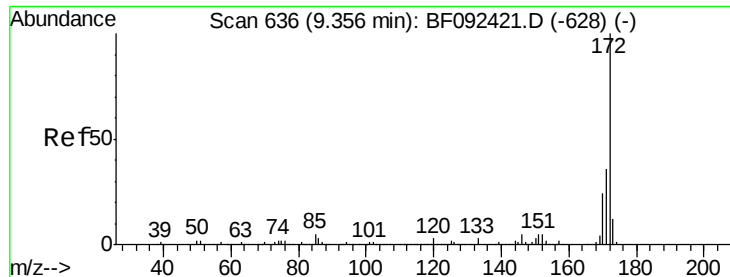
Ion 196.00 (195.70 to 196.70): E

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: 44.23 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

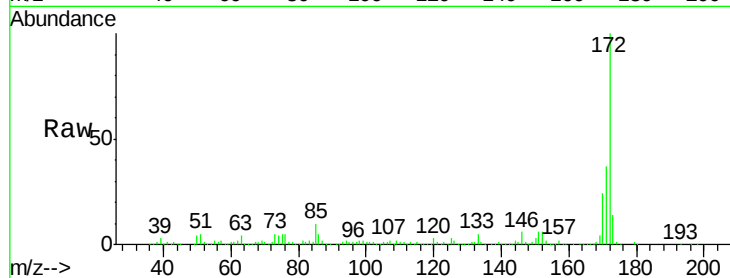
Tgt Ion:172 Resp: 545530

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

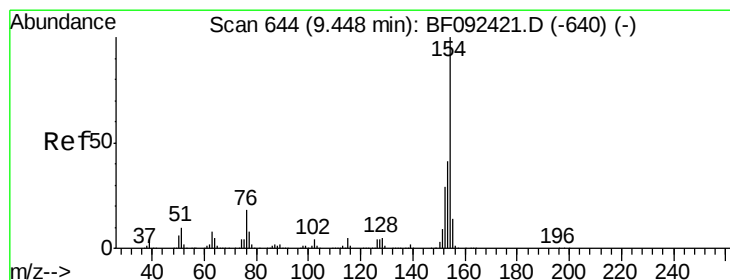
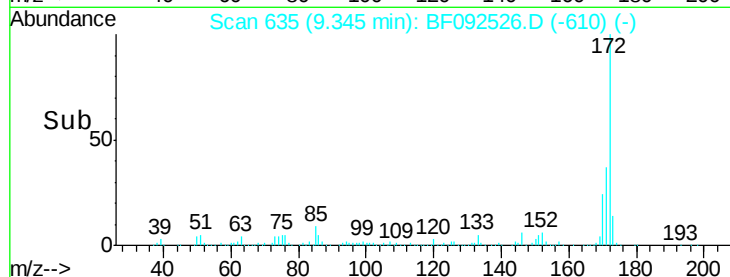
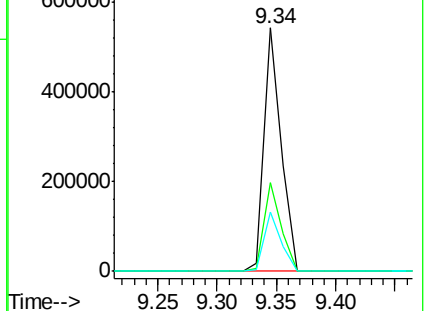
170 24.1 20.2 30.4



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: 22.75 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

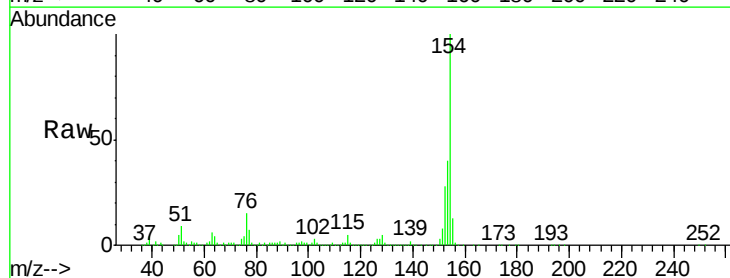
Tgt Ion:154 Resp: 374976

Ion Ratio Lower Upper

154 100

153 39.7 20.9 60.9

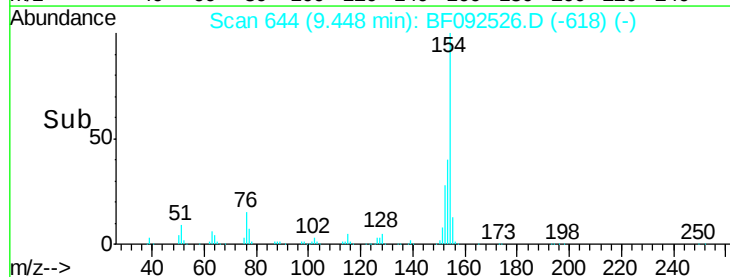
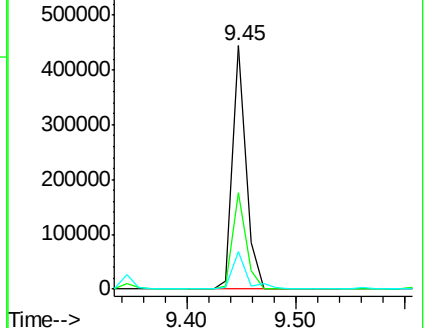
76 15.5 0.0 30.5

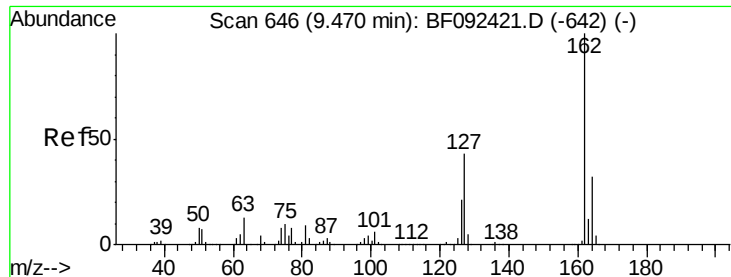


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

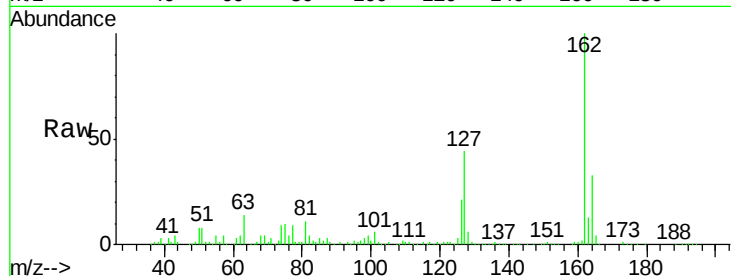




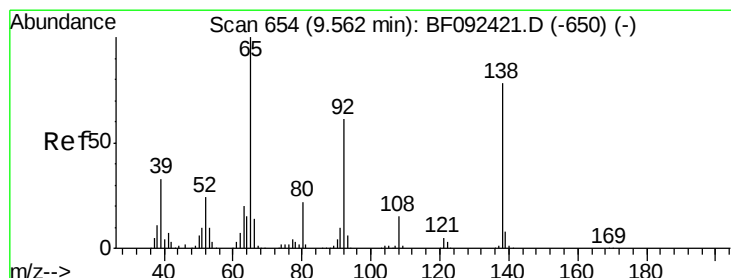
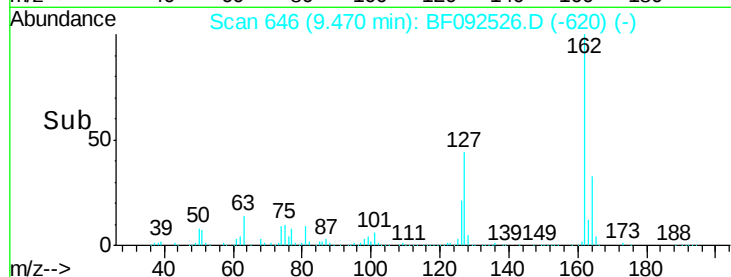
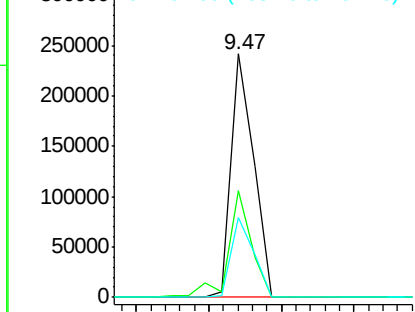
#46
 2-Chloronaphthalene
 Concen: 19.32 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tgt Ion: 162 Resp: 260104
 Ion Ratio Lower Upper
 162 100
 127 43.7 30.7 46.1
 164 32.8 27.6 41.4

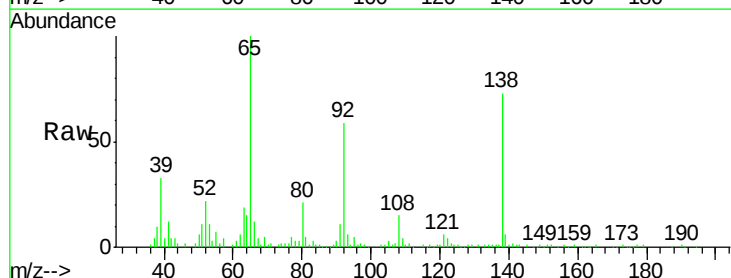


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

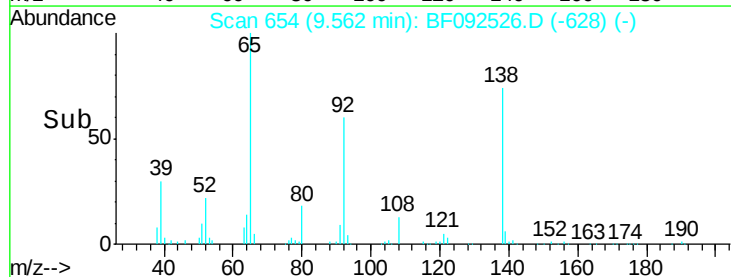
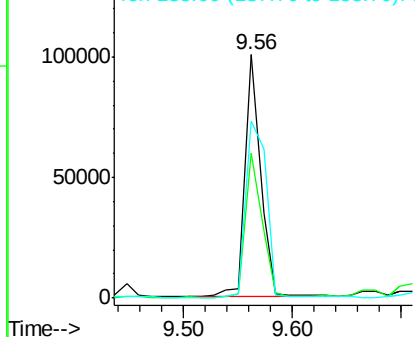


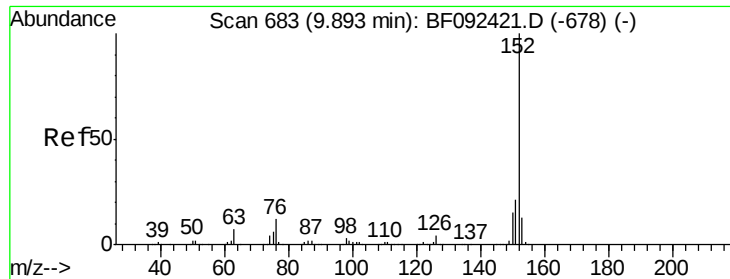
#47
 2-Nitroaniline
 Concen: 21.81 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion: 65 Resp: 98893
 Ion Ratio Lower Upper
 65 100
 92 59.5 53.9 80.9
 138 72.7 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): E





#48

Acenaphthylene

Concen: 22.22 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

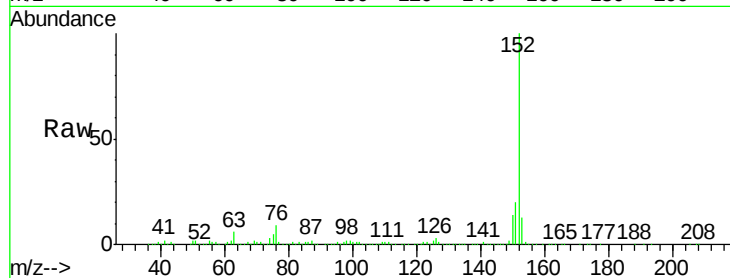
Tgt Ion:152 Resp: 438852

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

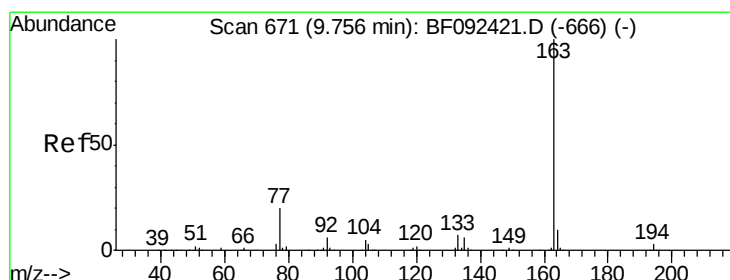
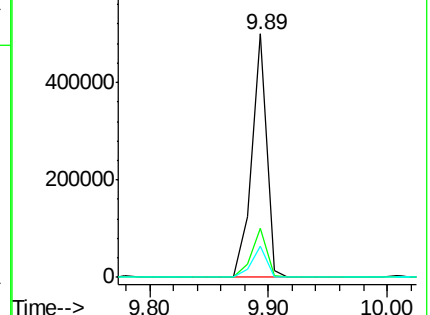
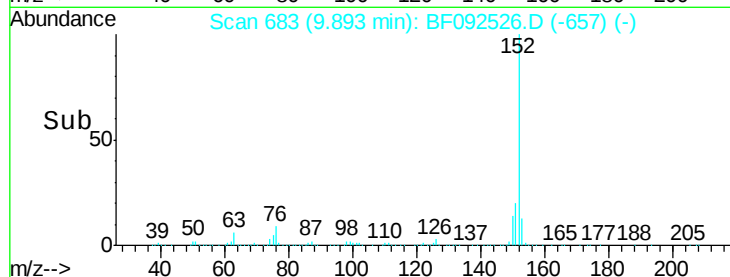
153 13.0 11.4 17.2



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: 24.41 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

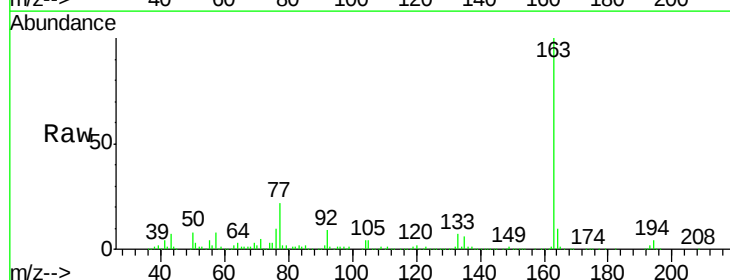
Tgt Ion:163 Resp: 354053

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

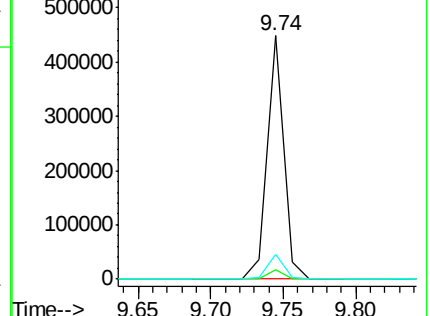
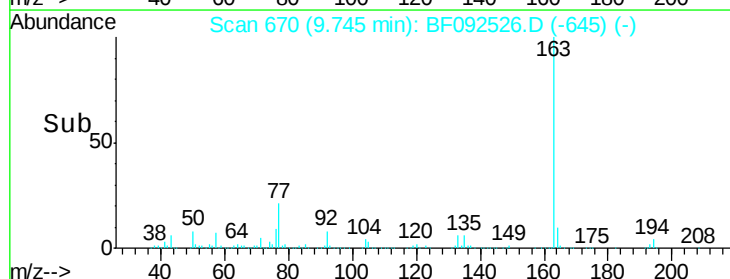
164 10.2 8.0 12.0

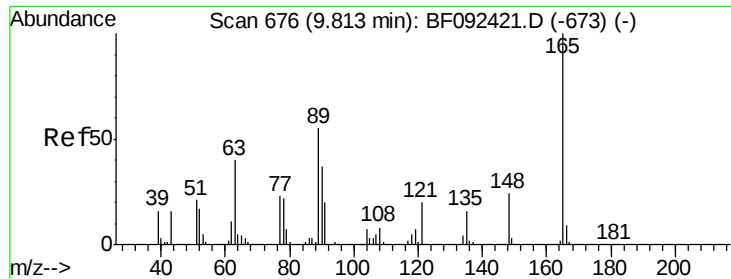


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

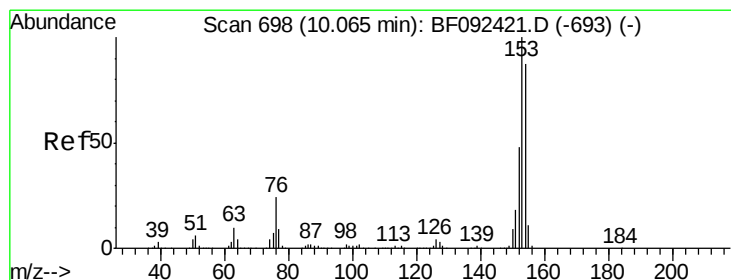
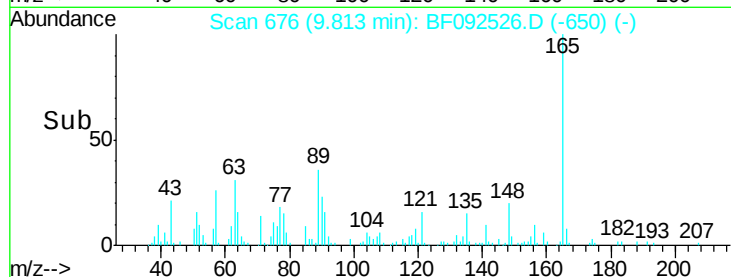
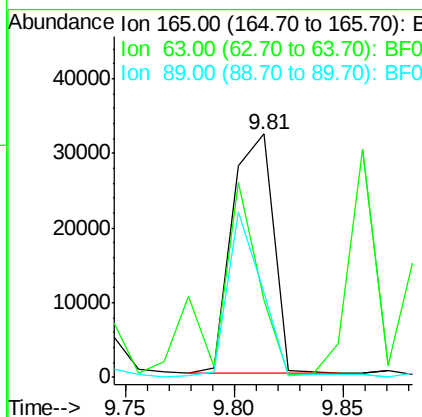
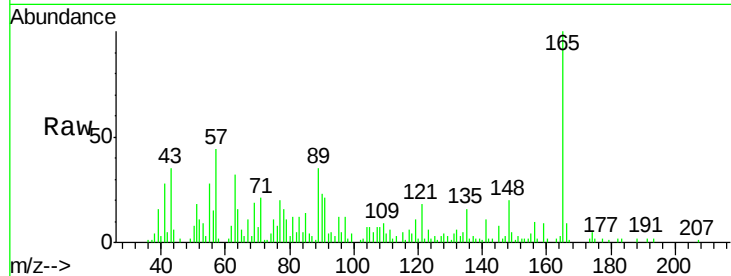




#50
 2,6-Dinitrotoluene
 Concen: 14.14 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

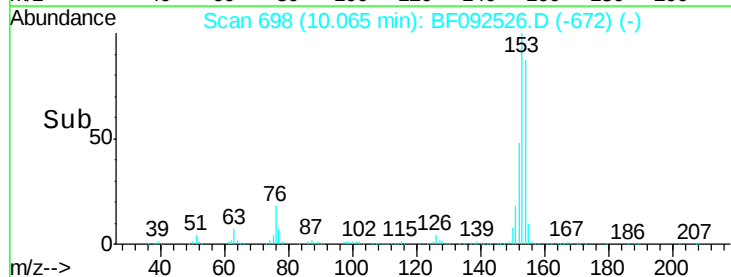
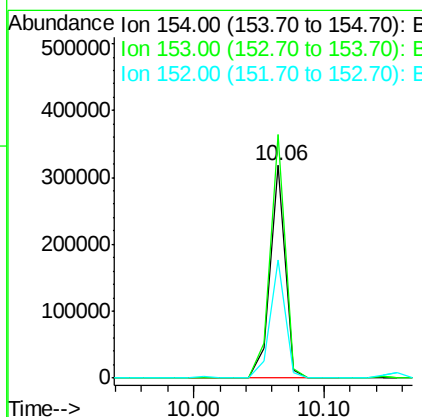
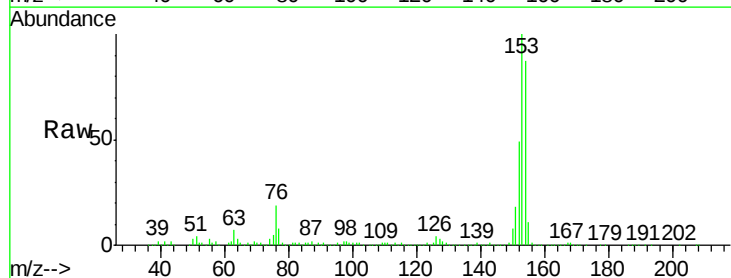
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

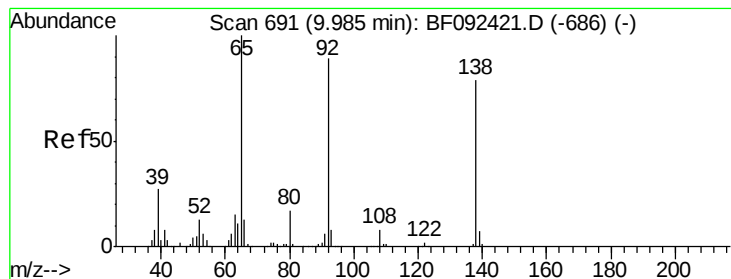
Tgt Ion:165 Resp: 41913
 Ion Ratio Lower Upper
 165 100
 63 31.6 36.2 54.4#
 89 34.8 40.2 60.4#



#51
 Acenaphthene
 Concen: 21.17 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion:154 Resp: 259780
 Ion Ratio Lower Upper
 154 100
 153 114.7 88.6 133.0
 152 55.7 41.6 62.4





#52

3-Nitroaniline

Concen: 20.56 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

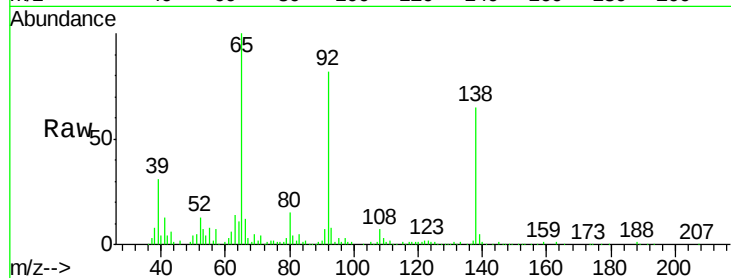
Tgt Ion:138 Resp: 76337

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

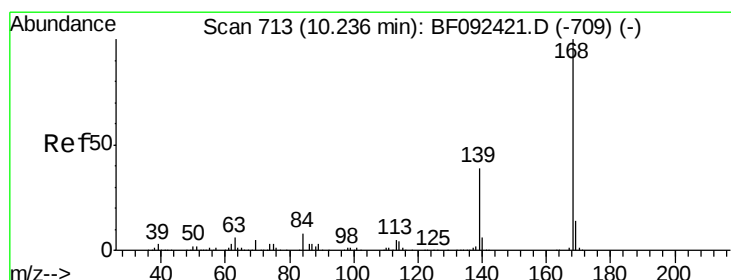
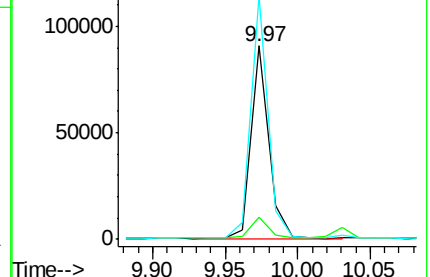
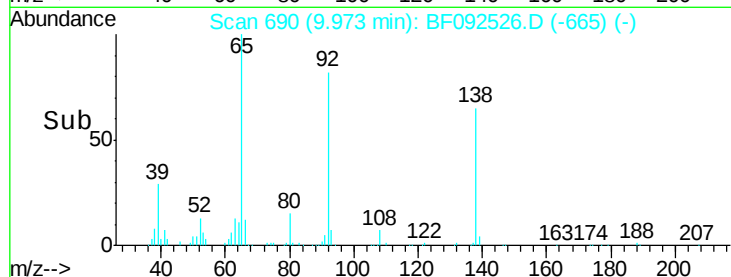
92 126.0 97.8 146.8



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



#54

Dibenzofuran

Concen: 23.35 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

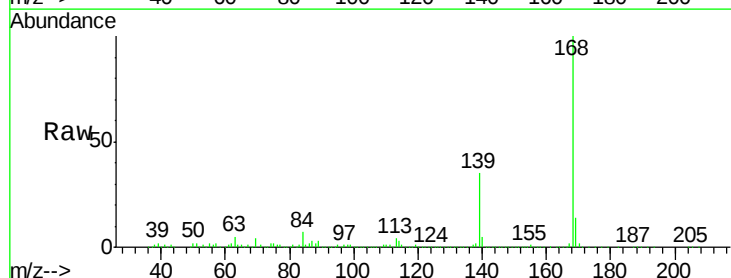
Tgt Ion:168 Resp: 389156

Ion Ratio Lower Upper

168 100

139 35.3 32.6 49.0

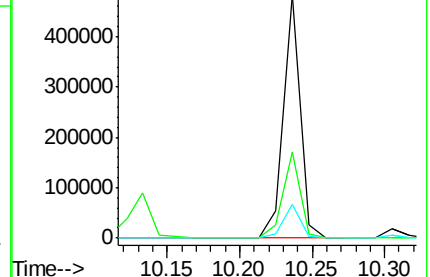
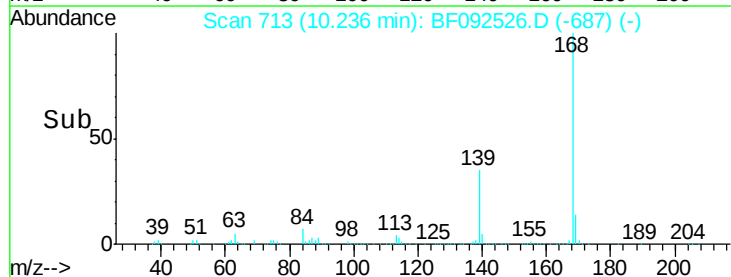
169 13.6 11.3 16.9

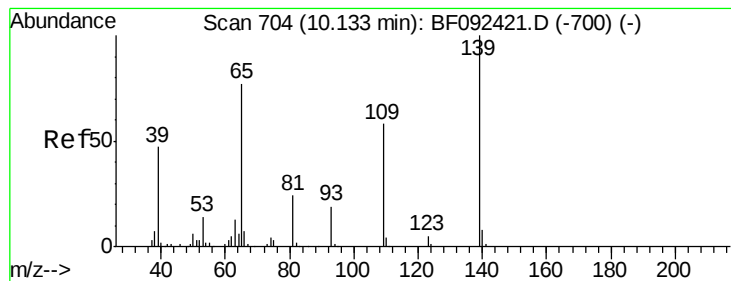


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 32.10 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

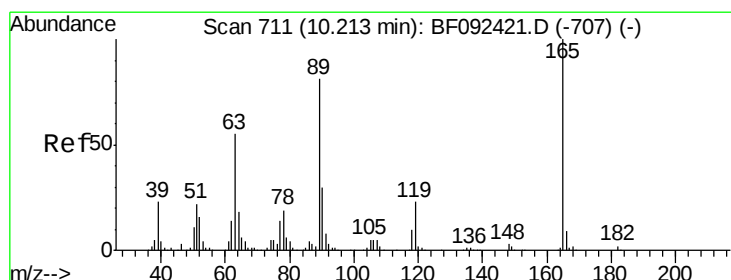
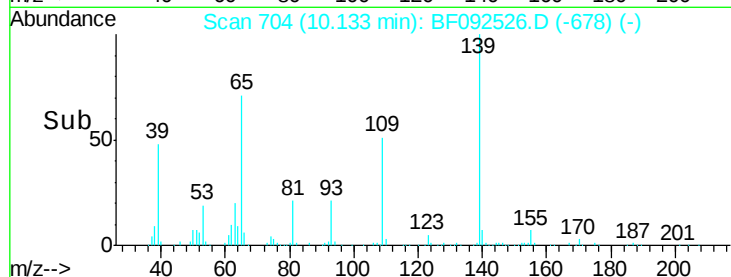
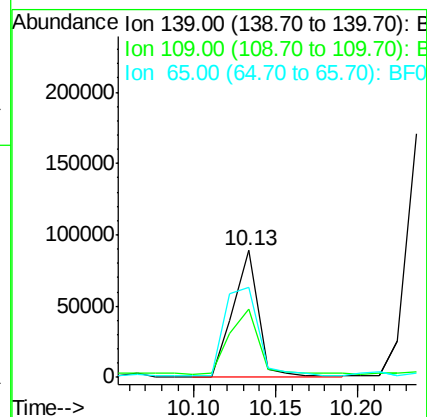
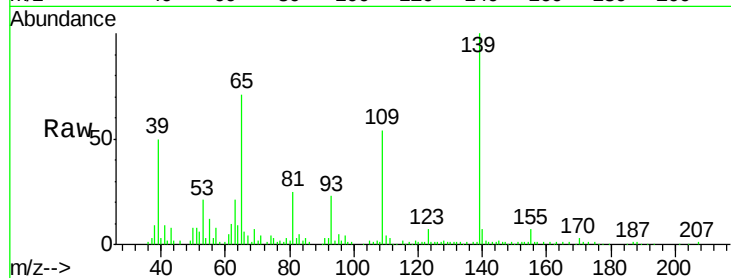
Tgt Ion:139 Resp: 94638

Ion Ratio Lower Upper

139 100

109 53.9 52.2 92.2

65 71.3 85.8 125.8#



#56

2,4-Dinitrotoluene

Concen: 13.04 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:165 Resp: 51290

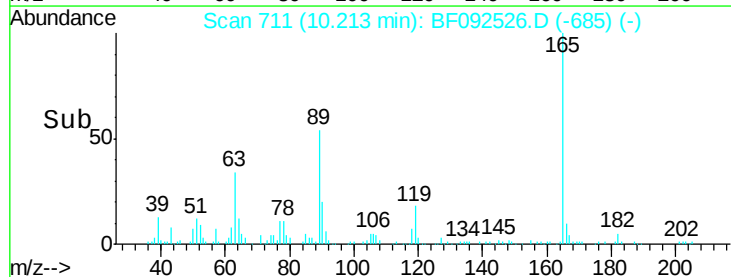
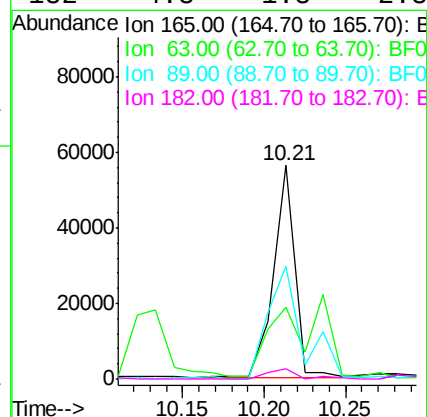
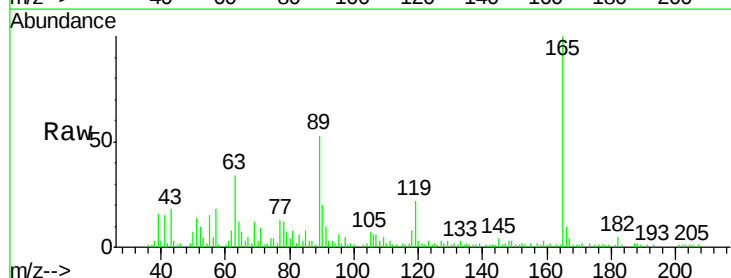
Ion Ratio Lower Upper

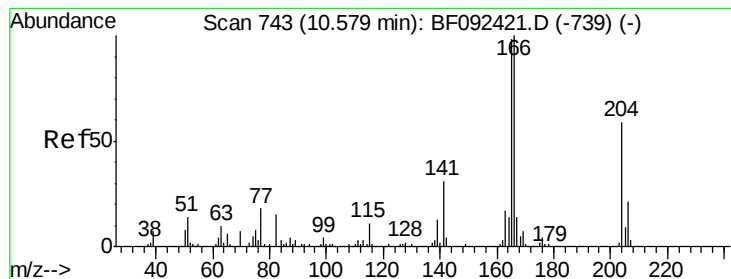
165 100

63 33.8 40.2 60.4#

89 52.9 62.5 93.7#

182 4.8 1.8 2.8#





#57

Fluorene

Concen: 23.22 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

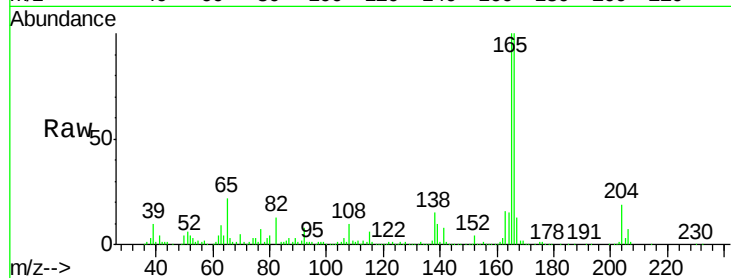
Tgt Ion:166 Resp: 286953

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

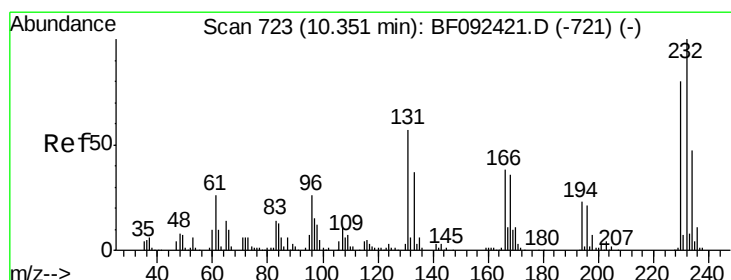
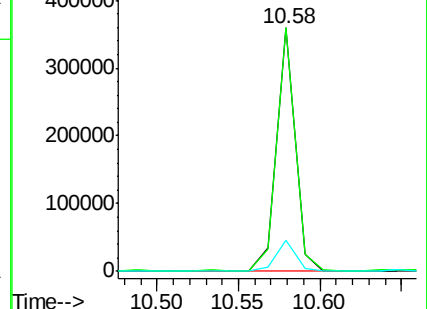
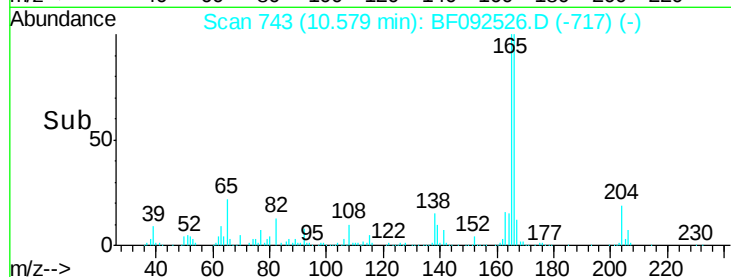
167 12.8 10.8 16.2



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: 22.89 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:232 Resp: 69164

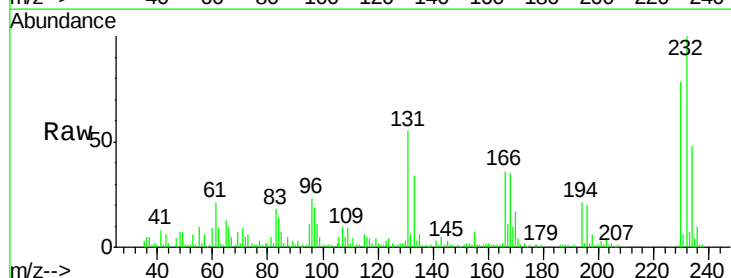
Ion Ratio Lower Upper

232 100

131 50.4 40.1 60.1

130 2.2 1.8 2.8

166 34.3 26.6 39.8

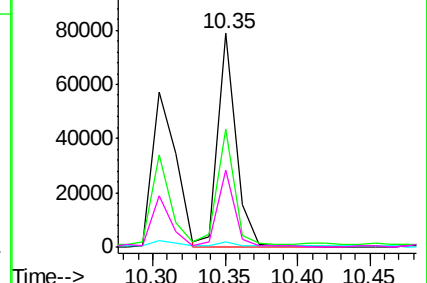
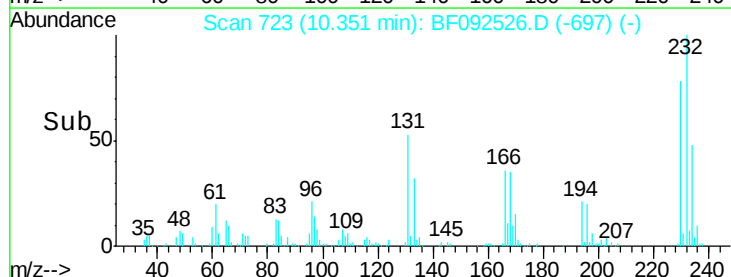


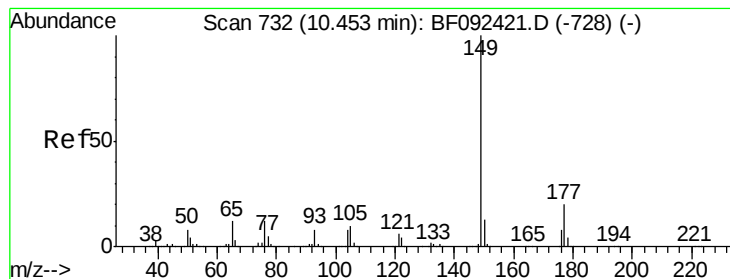
Abundance Ion 232.00 (231.70 to 232.70): E

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: 21.26 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

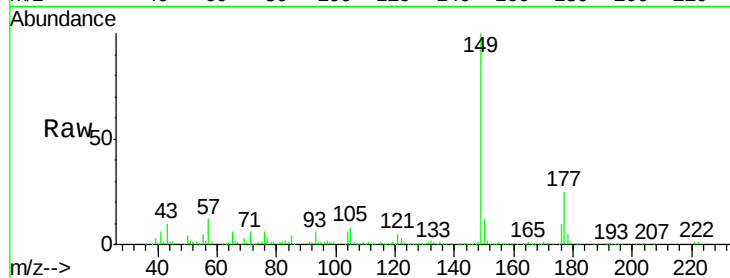
Tgt Ion:149 Resp: 295700

Ion Ratio Lower Upper

149 100

177 24.6 16.6 25.0

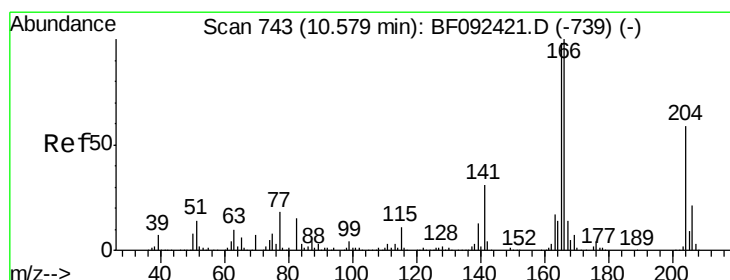
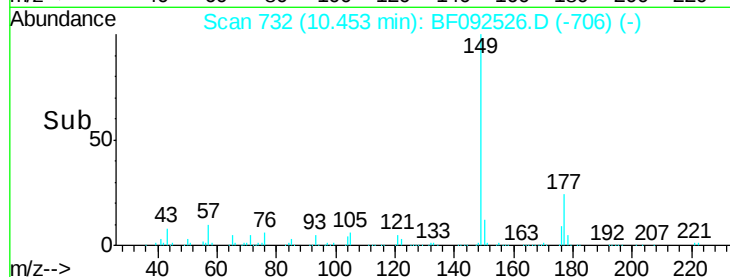
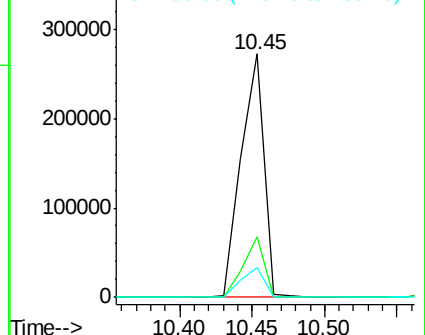
150 12.4 10.4 15.6



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: 20.92 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

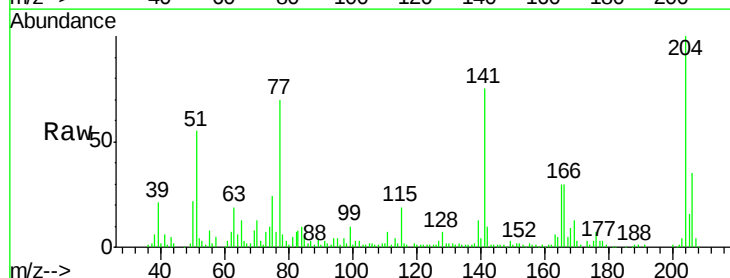
Tgt Ion:204 Resp: 125372

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

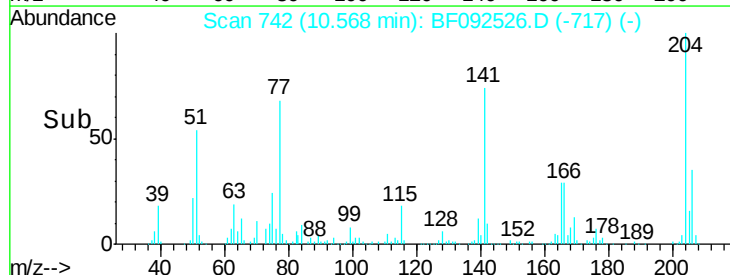
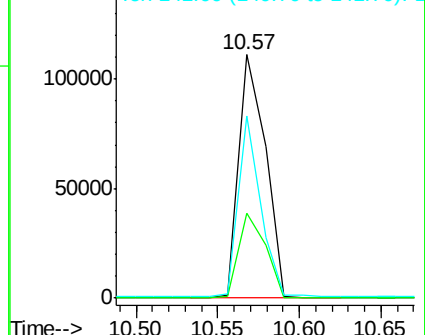
141 74.6 59.4 89.0

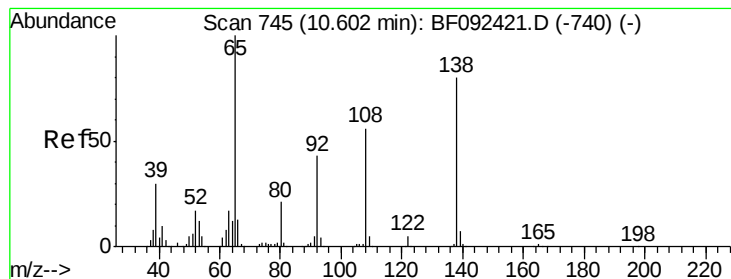


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 22.70 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

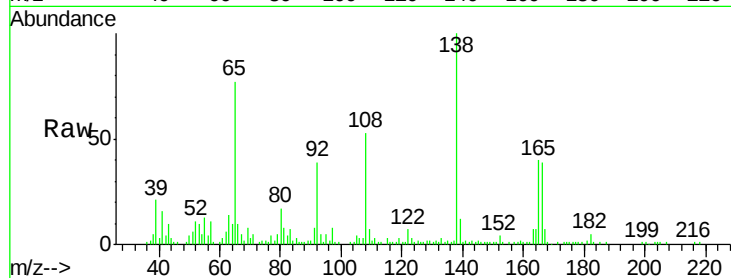
Tgt Ion:138 Resp: 84302

Ion Ratio Lower Upper

138 100

92 39.3 31.7 71.7

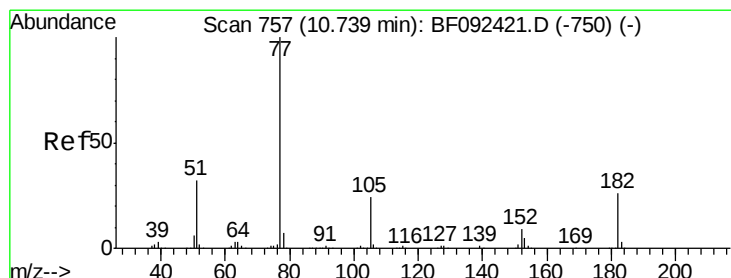
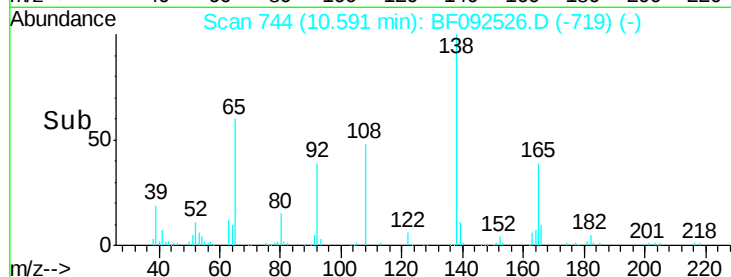
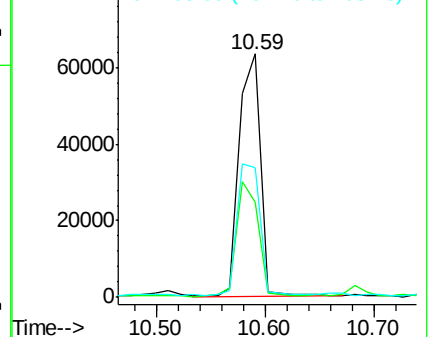
108 53.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 18.30 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion: 77 Resp: 289571

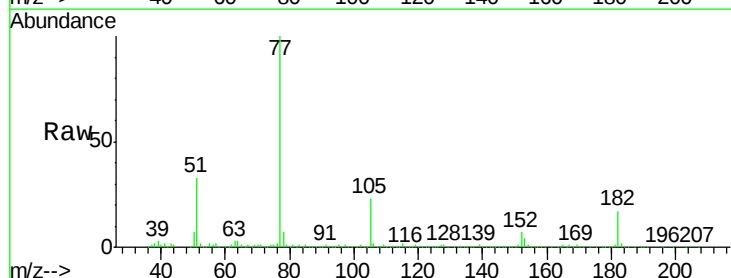
Ion Ratio Lower Upper

77 100

182 16.6 0.0 39.3

105 22.5 2.3 42.3

51 33.3 8.9 48.9

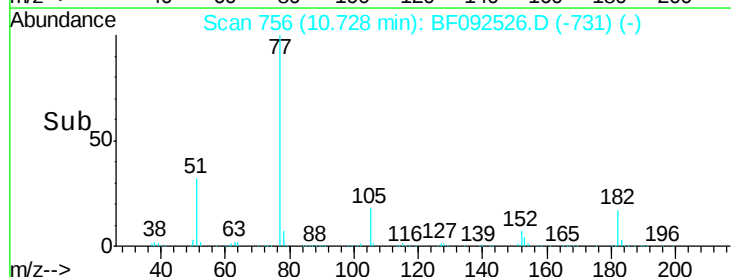
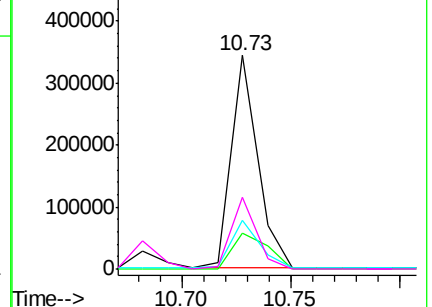


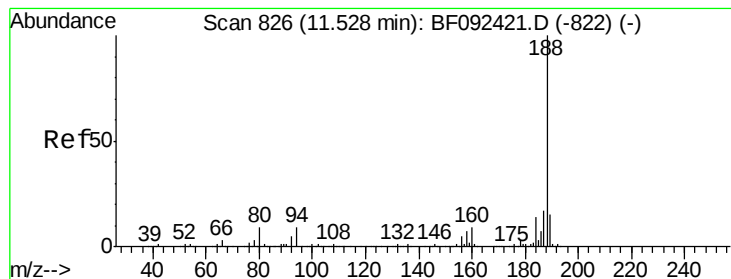
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

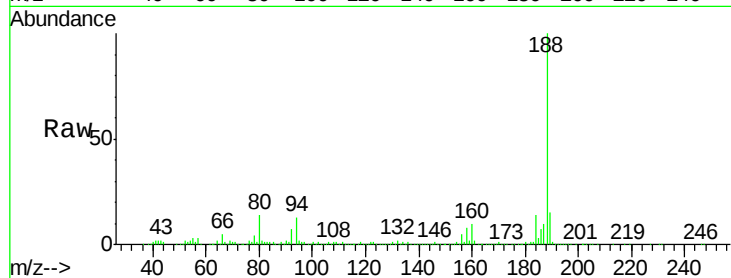
Tgt Ion:188 Resp: 348712

Ion Ratio Lower Upper

188 100

94 13.4 10.0 15.0

80 14.3 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

500000

400000

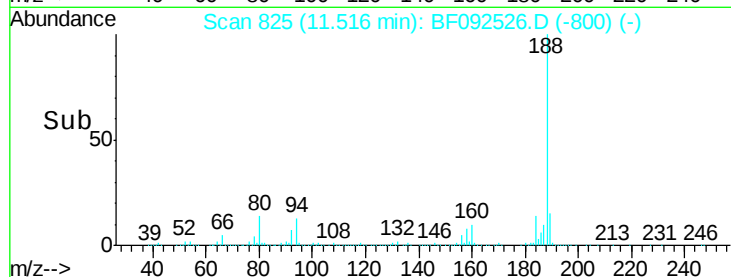
300000

200000

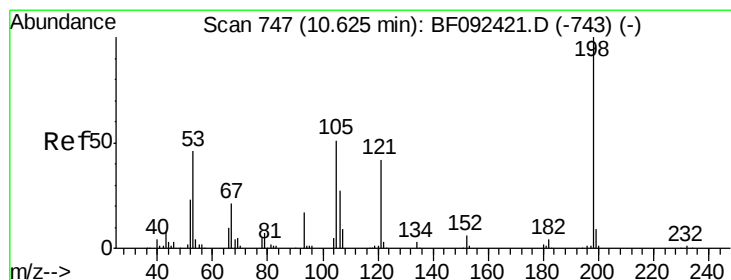
100000

0

11.45 11.50 11.55



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 6.89 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.27 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

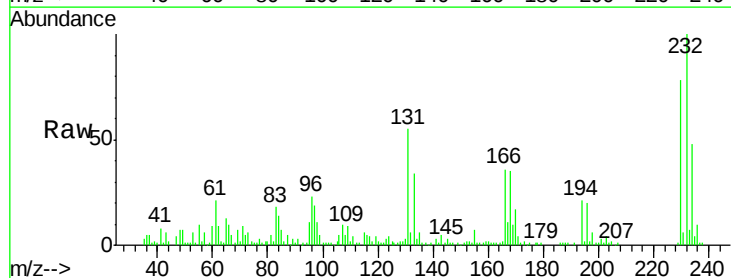
Tgt Ion:198 Resp: 4056

Ion Ratio Lower Upper

198 100

51 19.5 6.7 46.7

105 34.2 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

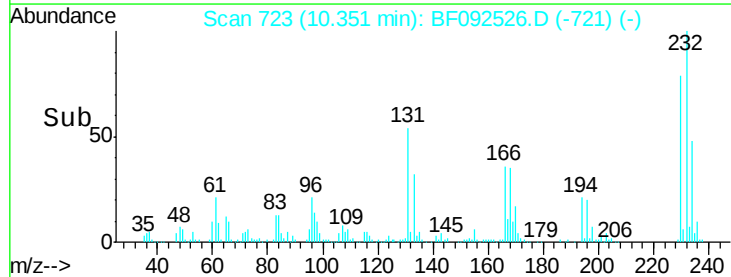
6000

4000

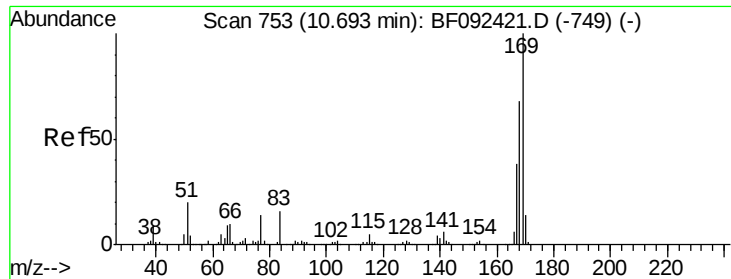
2000

0

10.35



Time-->



#65

n-Nitrosodiphenylamine

Concen: 22.23 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

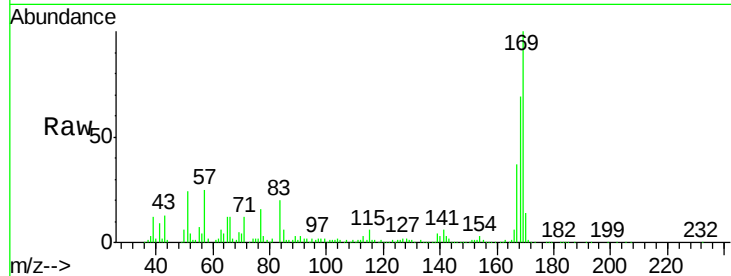
Tgt Ion:169 Resp: 242051

Ion Ratio Lower Upper

169 100

168 69.2 54.2 81.2

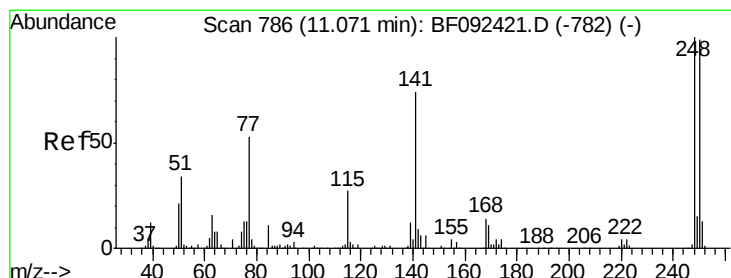
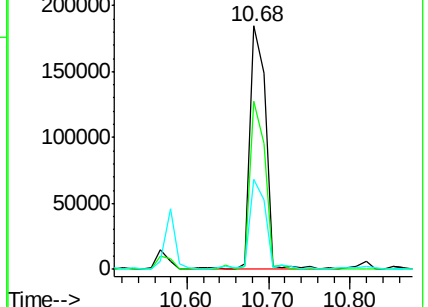
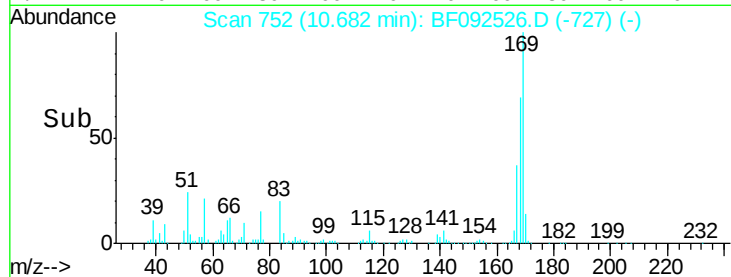
167 37.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.31 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

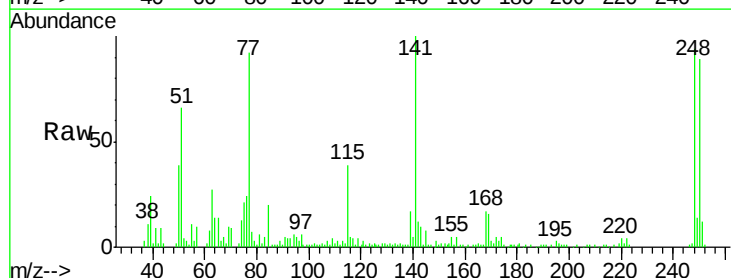
Tgt Ion:248 Resp: 71497

Ion Ratio Lower Upper

248 100

250 94.5 76.9 115.3

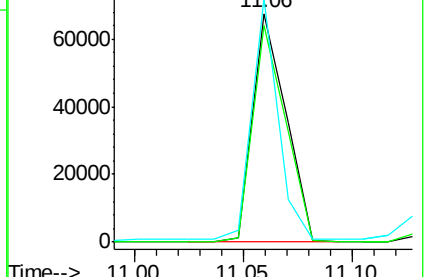
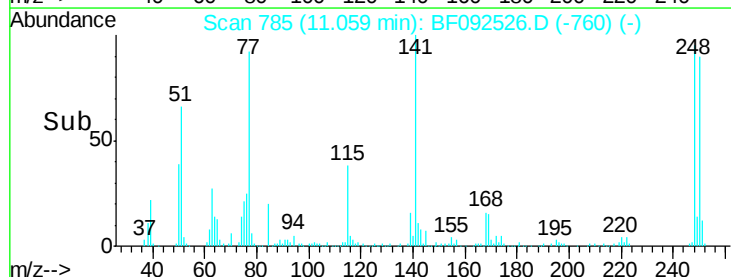
141 106.4 68.2 102.4#

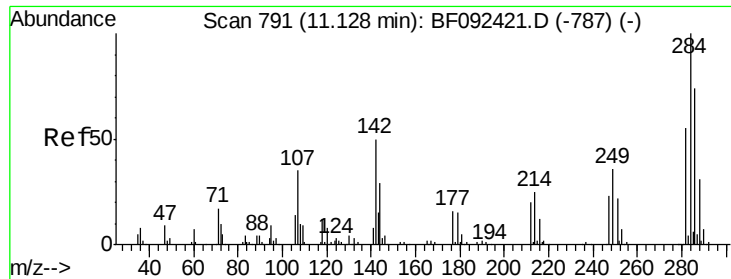


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

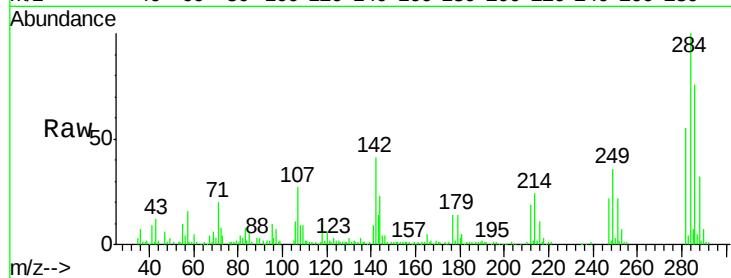




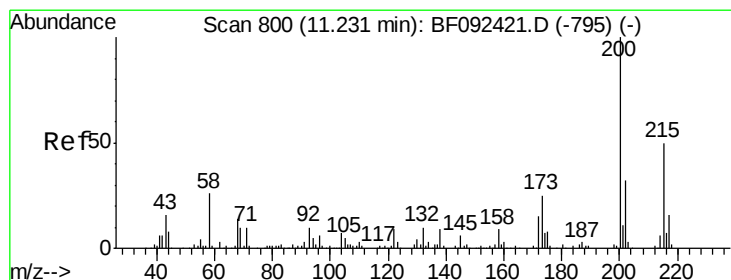
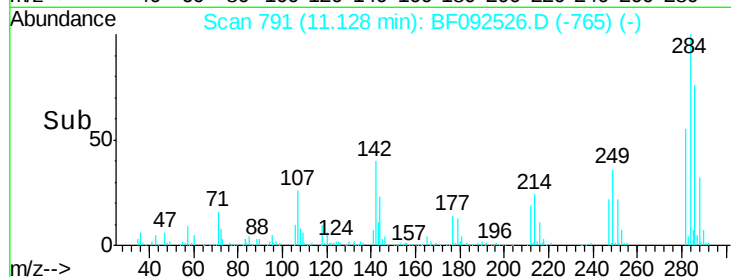
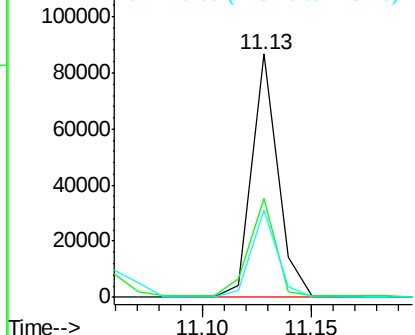
#67
Hexachlorobenzene
Concen: 20.29 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tgt Ion: 284 Resp: 72220
Ion Ratio Lower Upper
284 100
142 40.7 22.6 33.8#
249 36.1 25.4 38.0

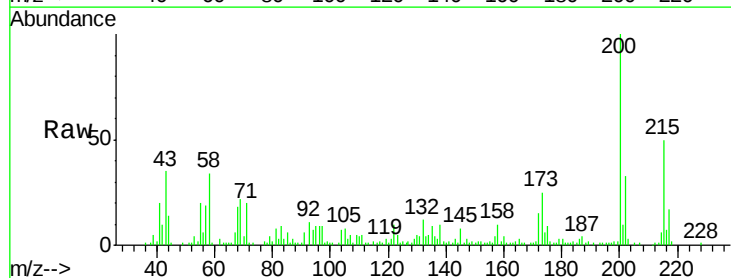


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

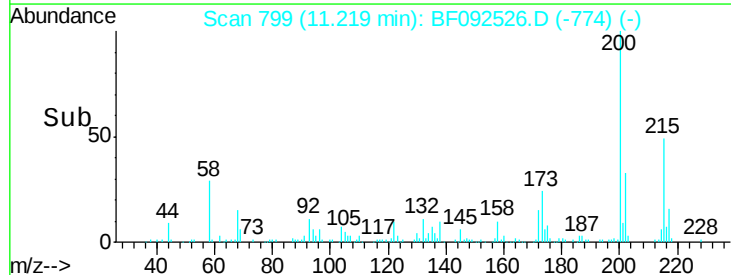
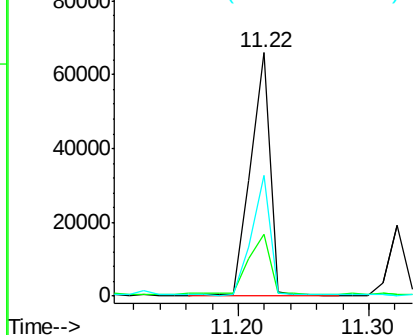


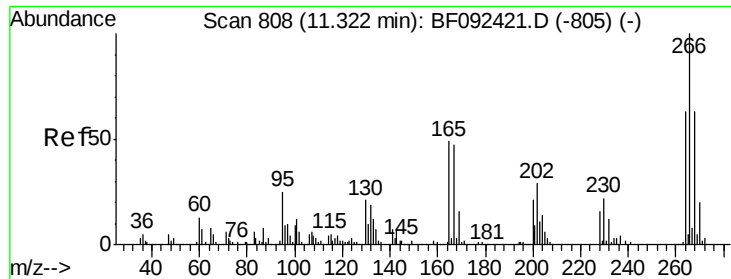
#68
Atrazine
Concen: 18.48 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092526.D
Acq: 26 Jan 2017 15:27

Tgt Ion: 200 Resp: 68867
Ion Ratio Lower Upper
200 100
173 25.2 9.6 49.6
215 49.7 25.7 65.7



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

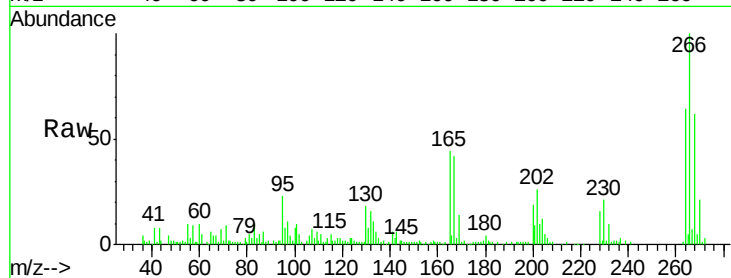




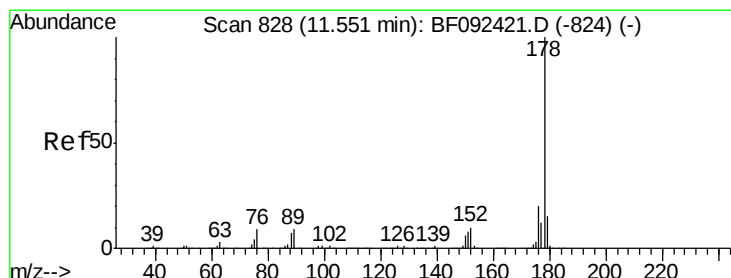
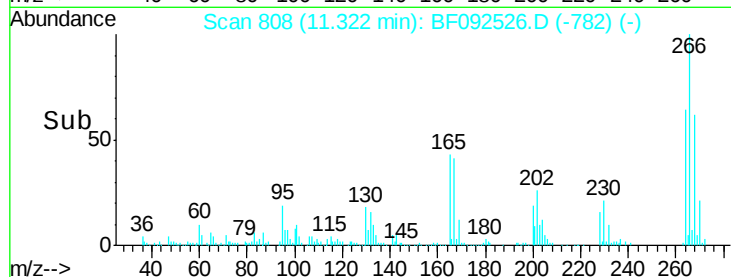
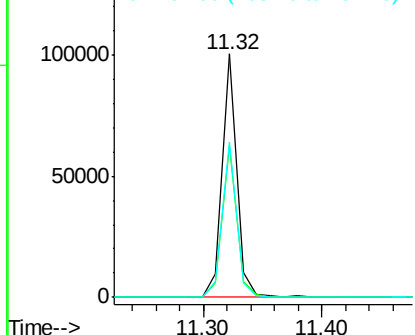
#69
 Pentachlorophenol
 Concen: 37.10 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

Tgt Ion:266 Resp: 84410
 Ion Ratio Lower Upper
 266 100
 268 62.4 53.3 79.9
 264 63.9 50.3 75.5

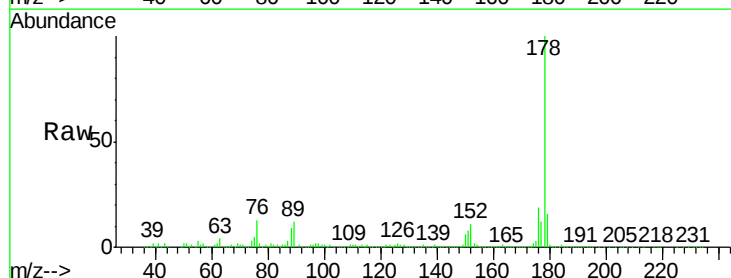


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

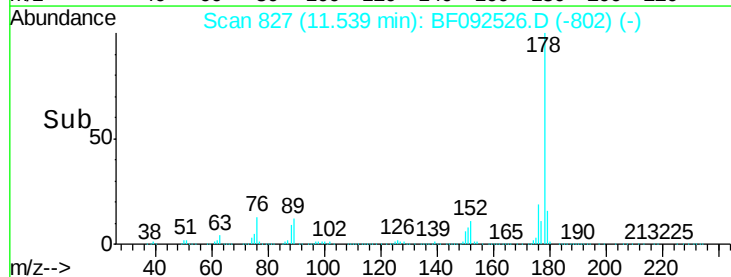
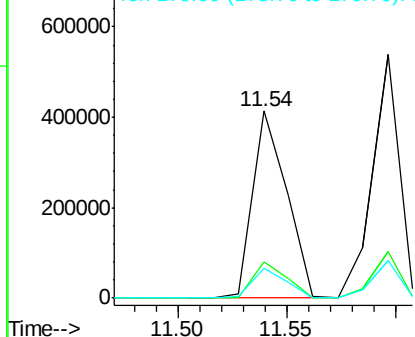


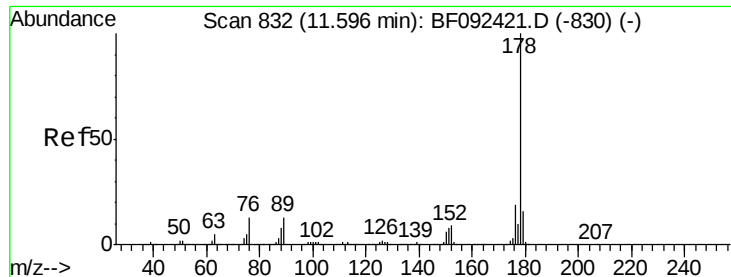
#70
 Phenanthrene
 Concen: 23.36 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion:178 Resp: 448593
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 16.0 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

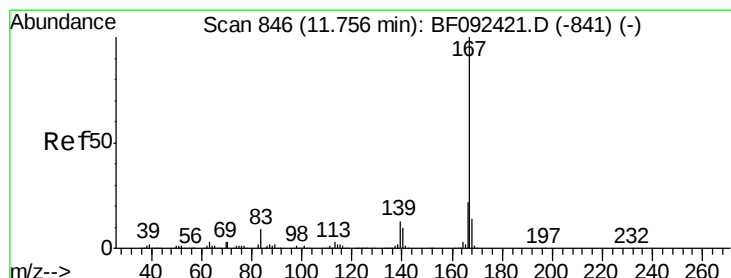
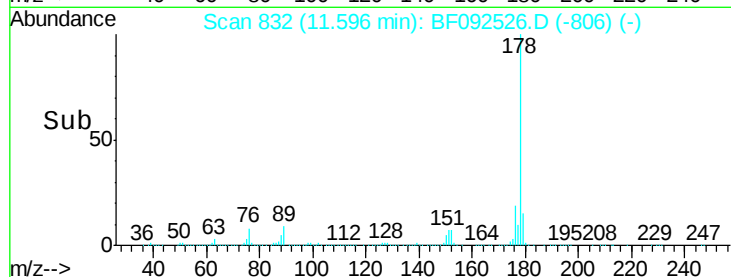
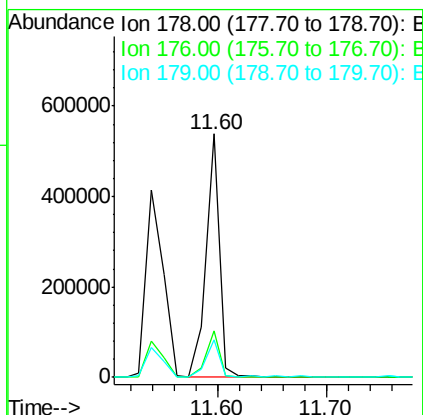
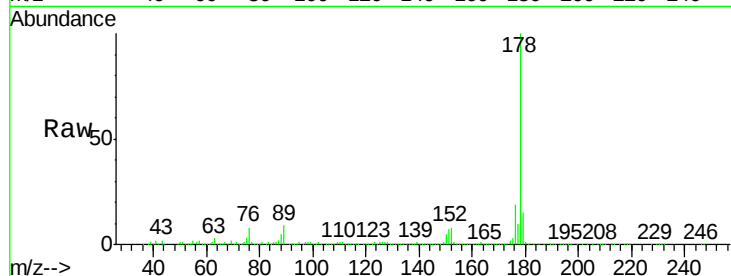




#71
 Anthracene
 Concen: 24.67 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

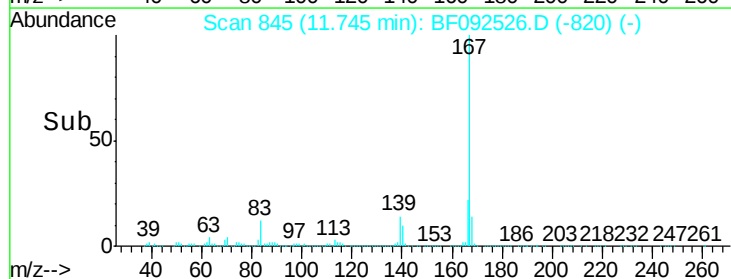
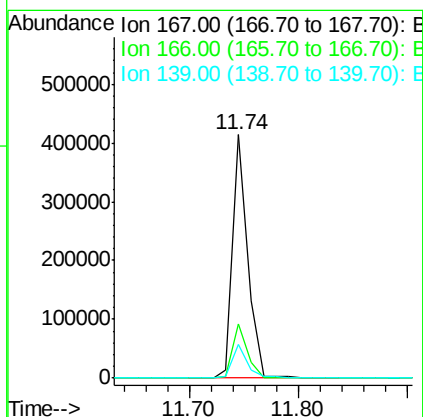
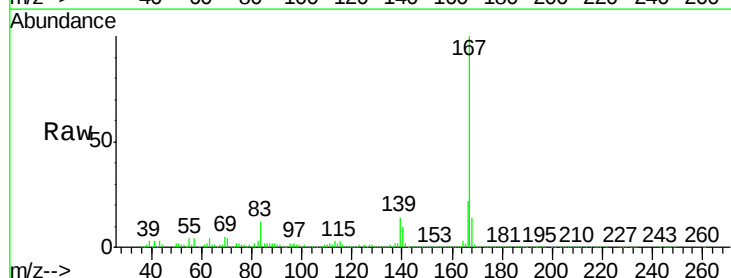
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

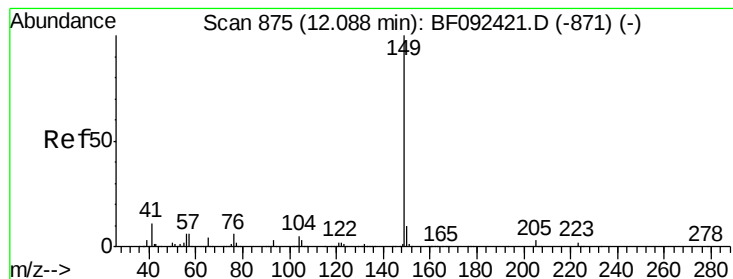
Tgt Ion:178 Resp: 463065
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 21.66 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion:167 Resp: 388114
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.2
 139 14.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 22.78 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

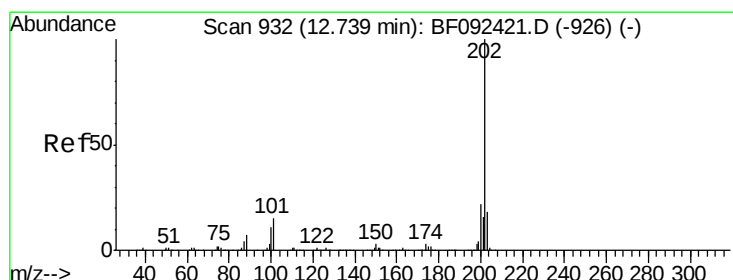
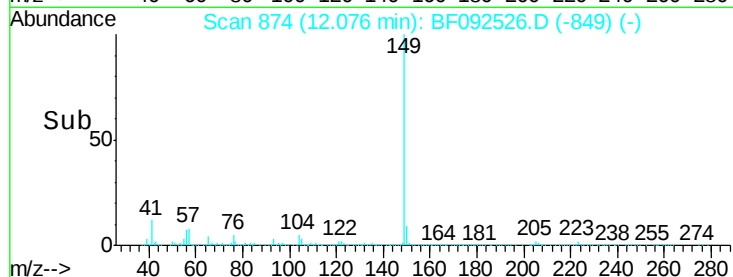
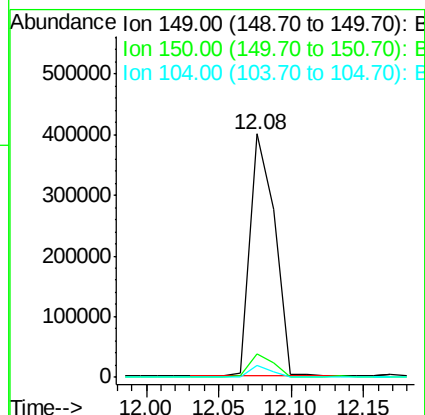
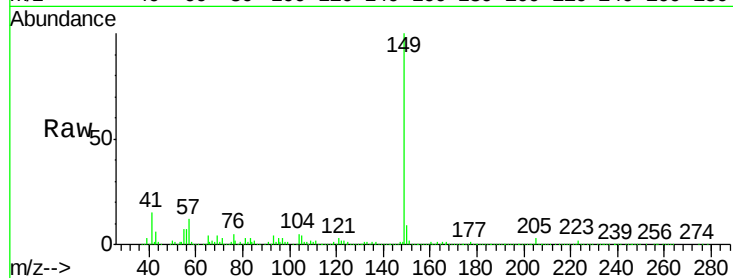
Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tgt Ion:	149	Resp:	466830
Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.9	4.6	7.0



#74

Fluoranthene

Concen: 28.25 ng

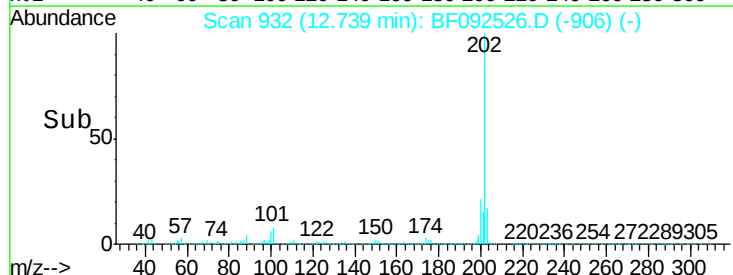
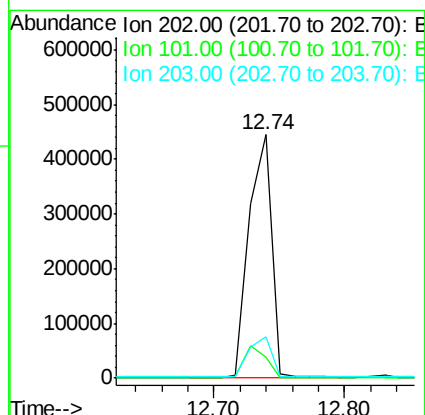
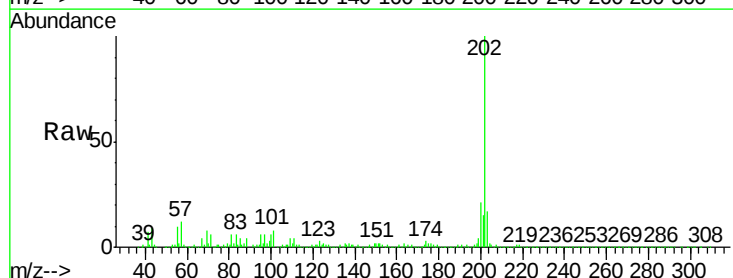
RT: 12.74 min Scan# 932

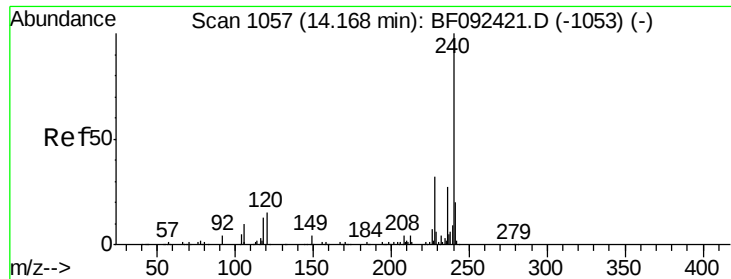
Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	202	Resp:	530713
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

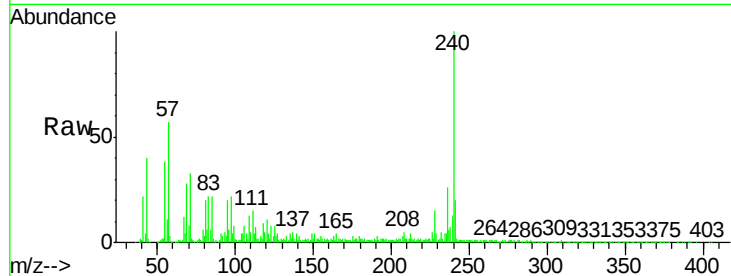
Tgt Ion:240 Resp: 260913

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

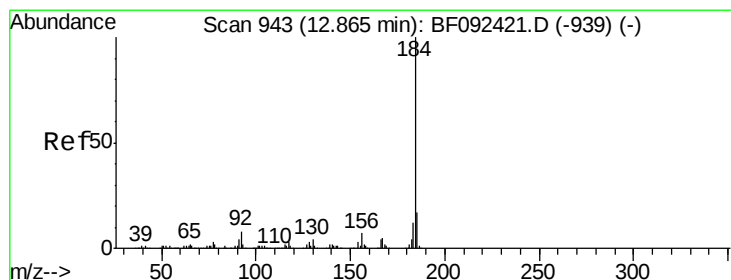
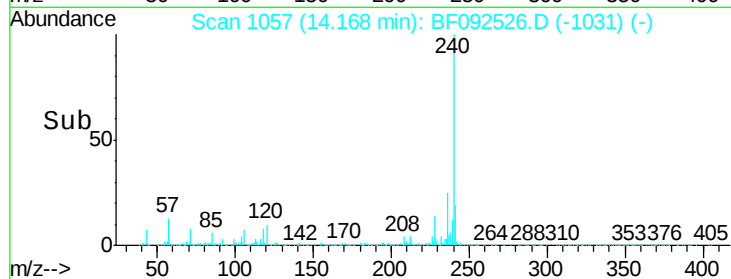
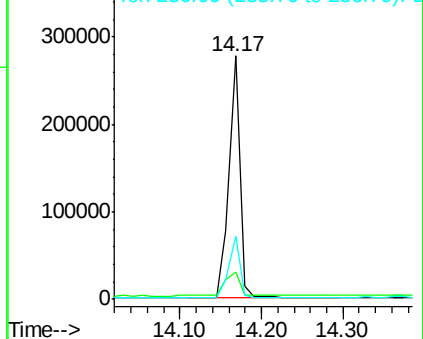
236 26.0 20.9 31.3



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: 6.44 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

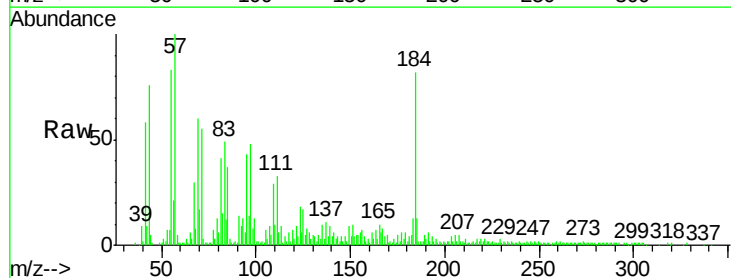
Tgt Ion:184 Resp: 62383

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

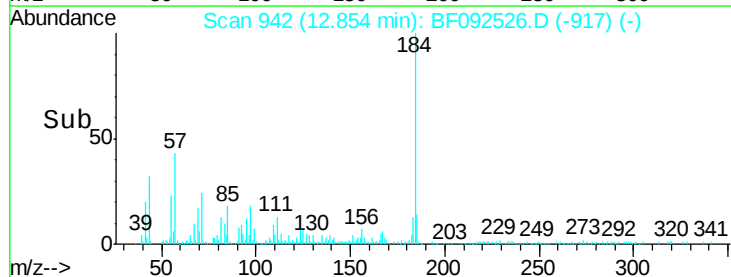
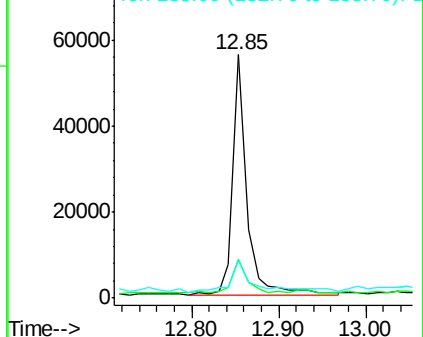
183 15.4 9.2 13.8#

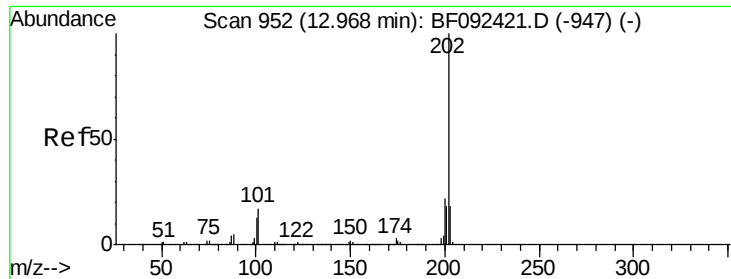


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 28.20 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

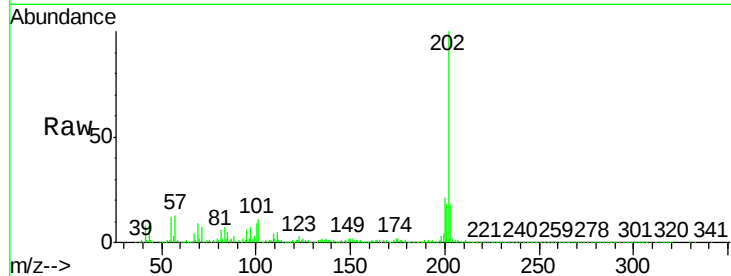
Tgt Ion:202 Resp: 533148

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

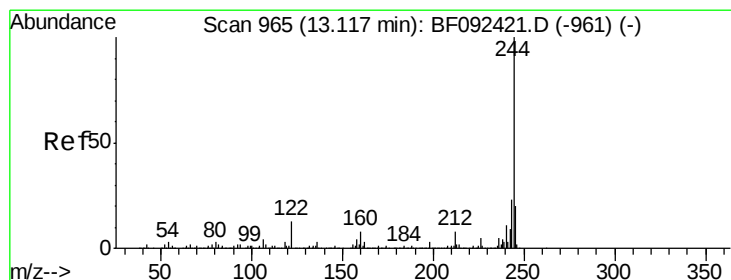
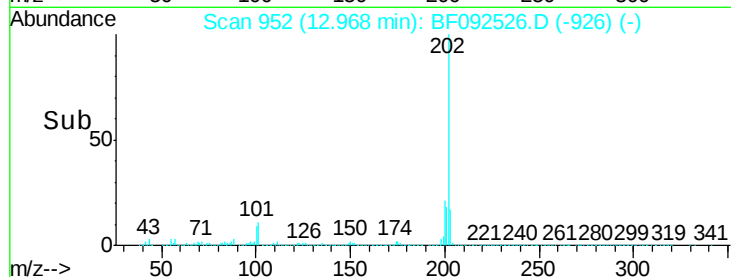
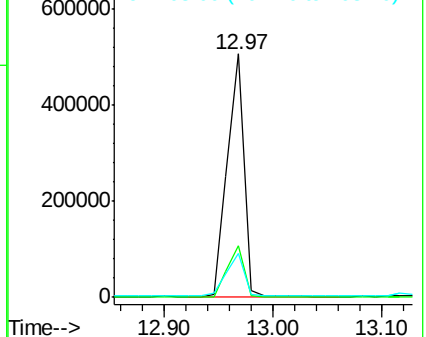
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 48.23 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

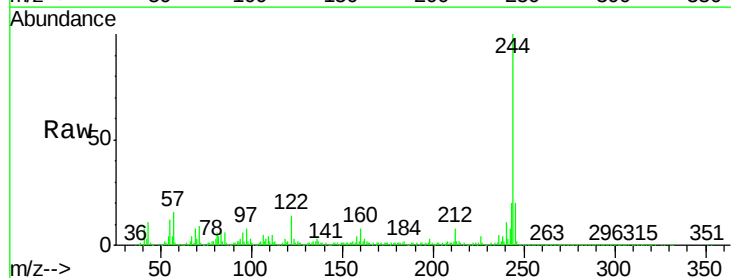
Tgt Ion:244 Resp: 472531

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

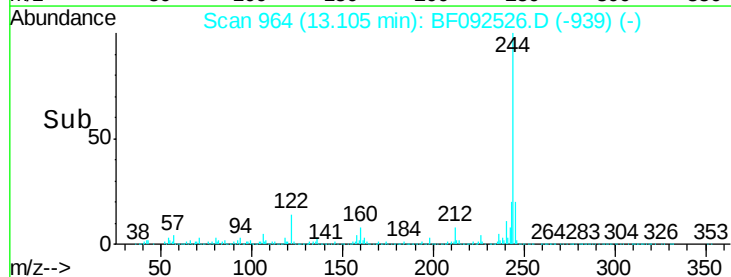
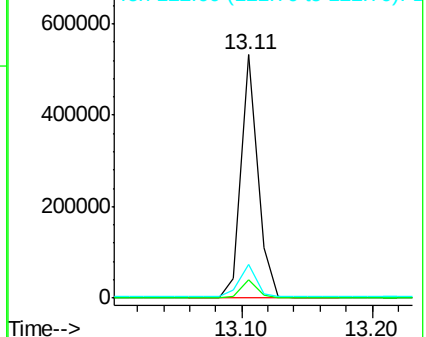
122 14.1 11.4 17.2

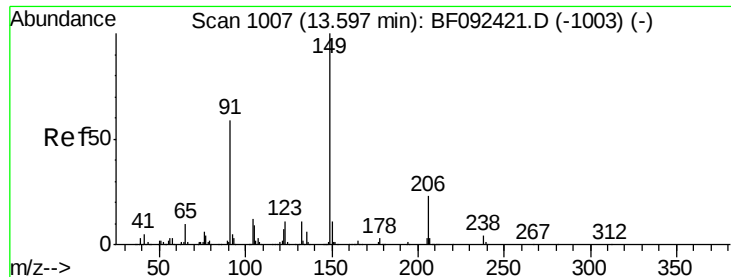


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 26.30 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

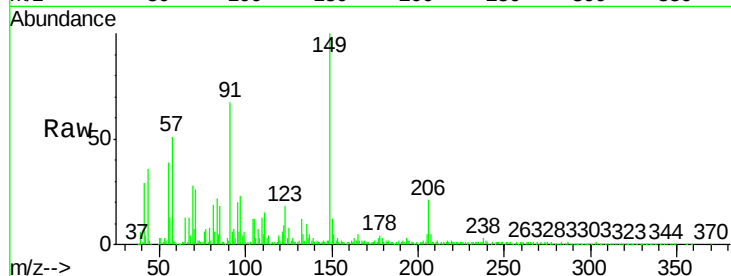
Tgt Ion:149 Resp: 201414

Ion Ratio Lower Upper

149 100

91 66.8 63.9 95.9

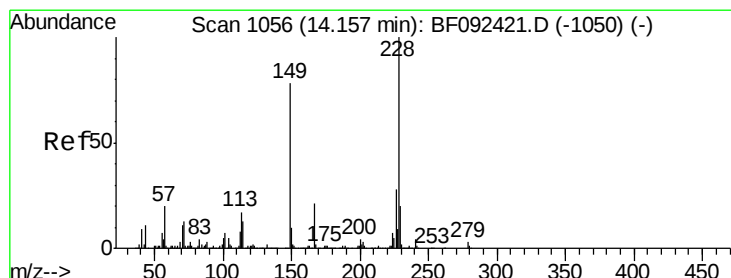
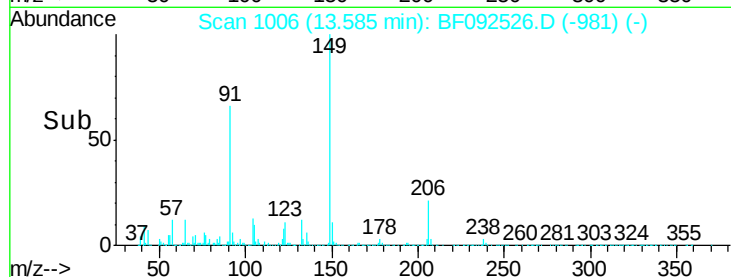
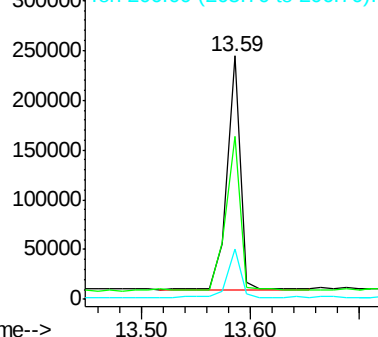
206 20.5 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.07 ng

RT: 14.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

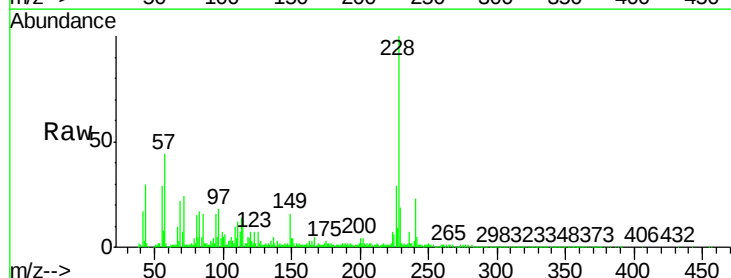
Tgt Ion:228 Resp: 323467

Ion Ratio Lower Upper

228 100

226 28.9 22.4 33.6

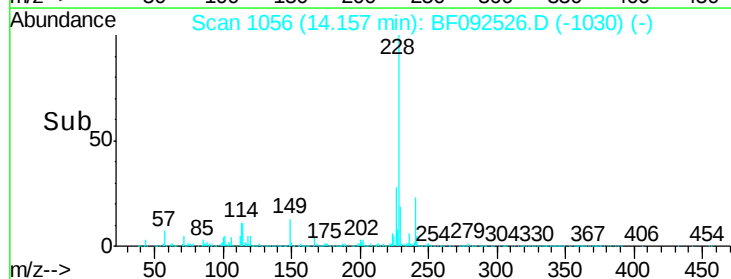
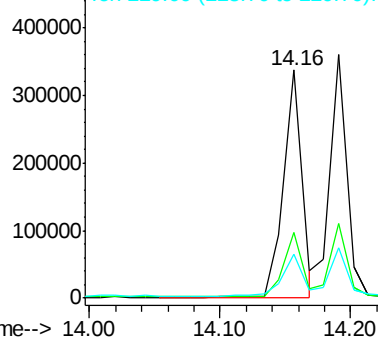
229 19.4 16.2 24.4

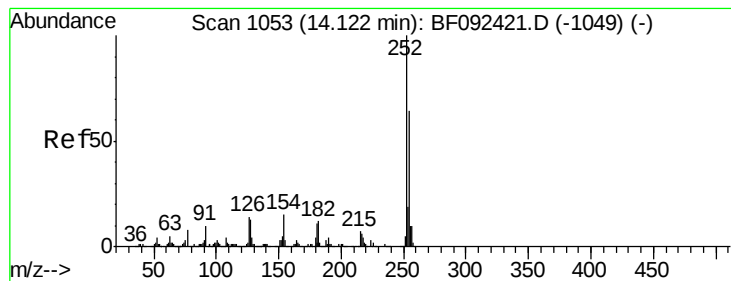


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

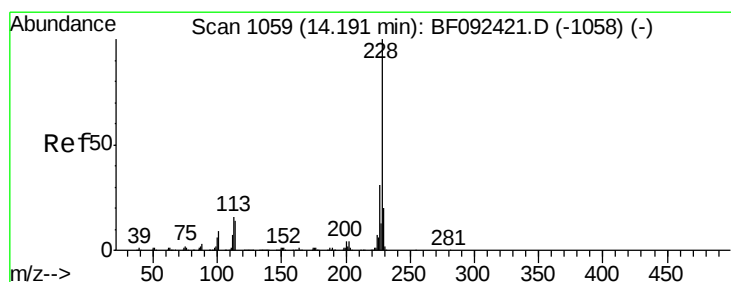
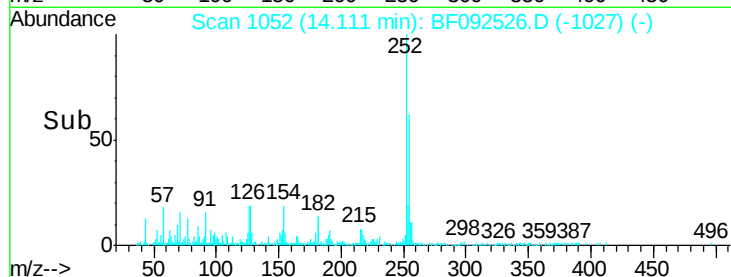
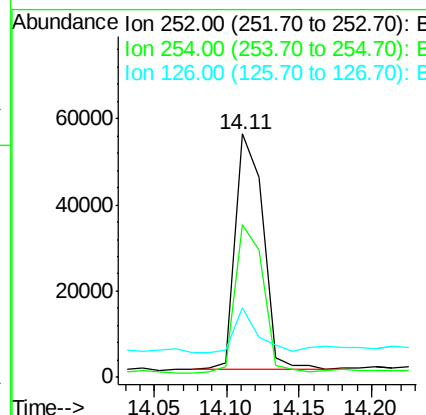
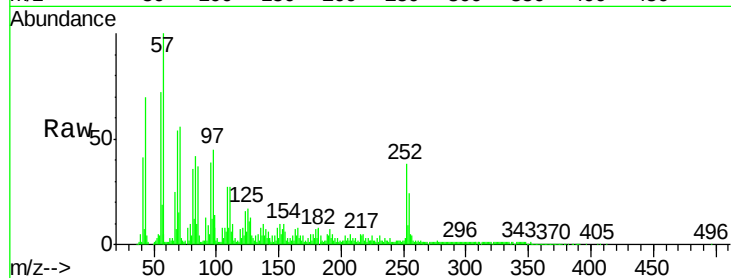




#81
 3,3'-Dichlorobenzidine
 Concen: 13.70 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

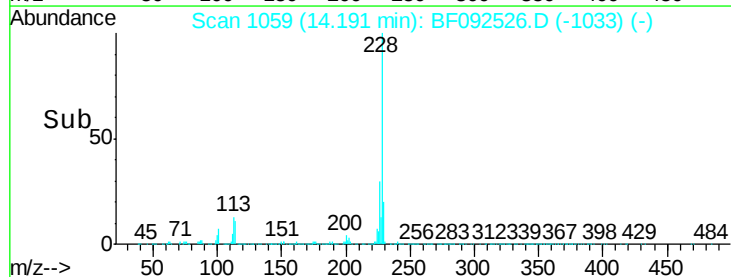
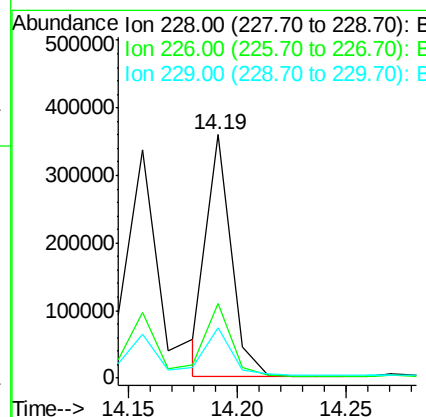
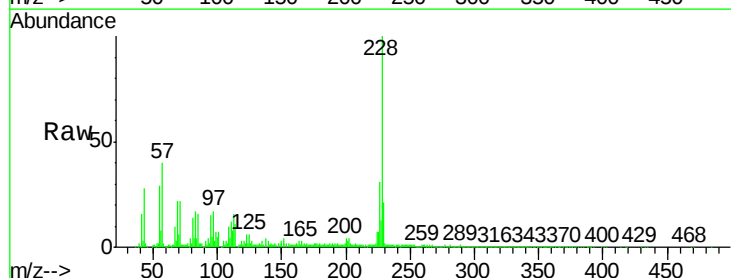
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

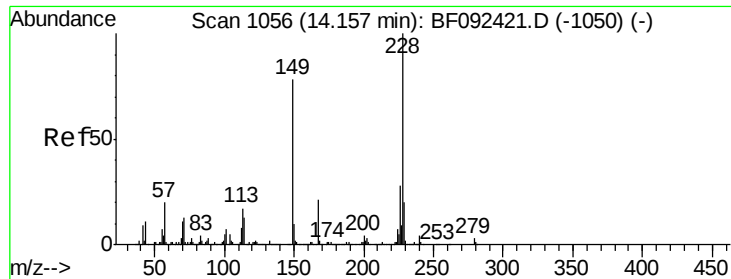
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.3	78.5
126	28.4	13.6	20.4



#82
 Chrysene
 Concen: 18.56 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.8	16.2	24.2

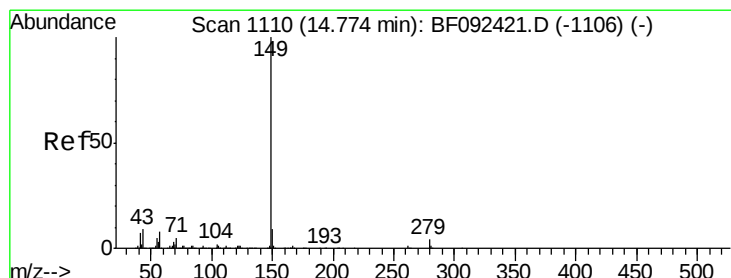
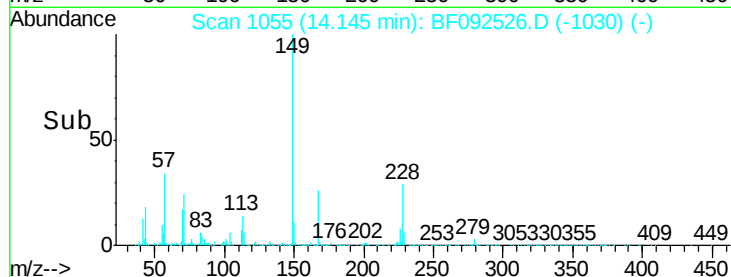
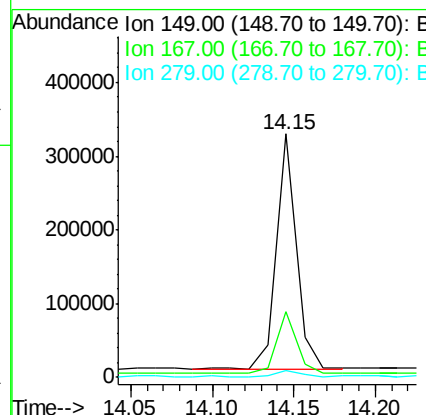
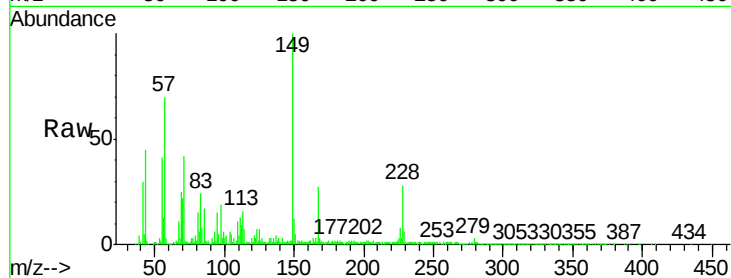




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.22 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

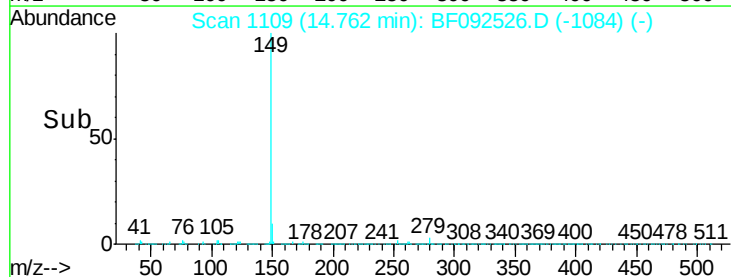
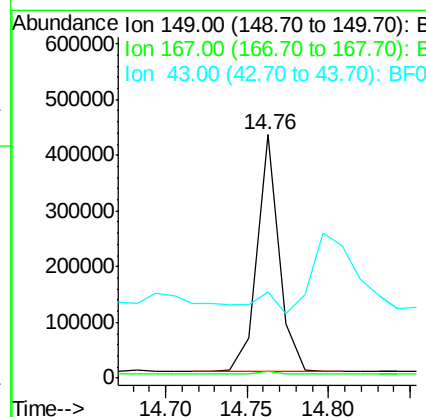
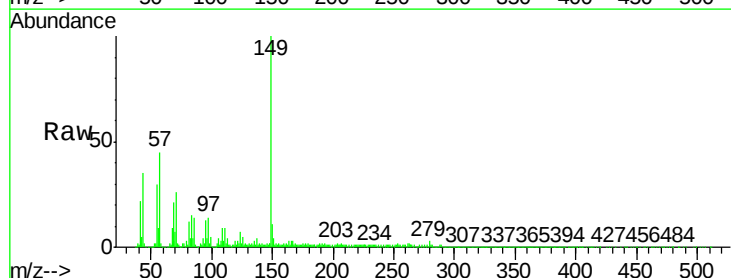
Instrument :
 BNA_F
 ClientSampleId :
 CAS-SB-01-0-2MSD

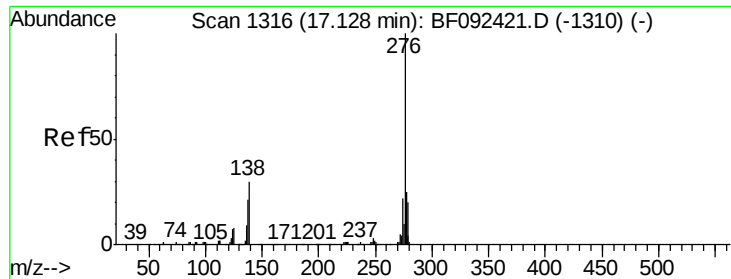
Tgt Ion:149 Resp: 272213
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 22.57 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092526.D
 Acq: 26 Jan 2017 15:27

Tgt Ion:149 Resp: 395168
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 0.0 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.06 ng

RT: 17.15 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

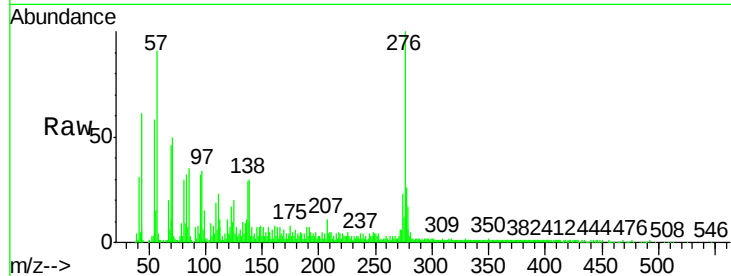
Tgt Ion:276 Resp: 233295

Ion Ratio Lower Upper

276 100

138 32.7 21.8 32.6#

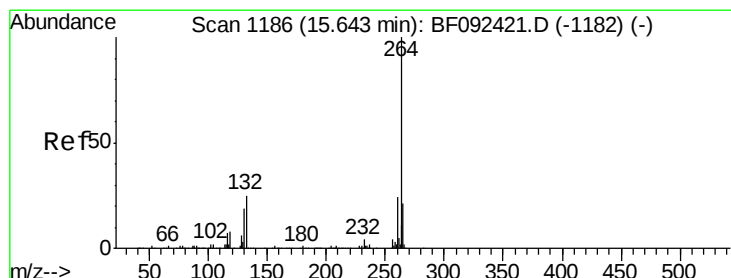
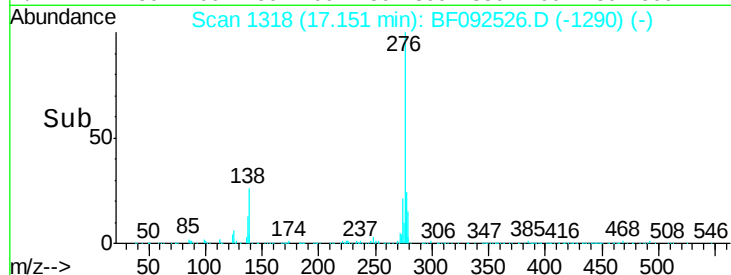
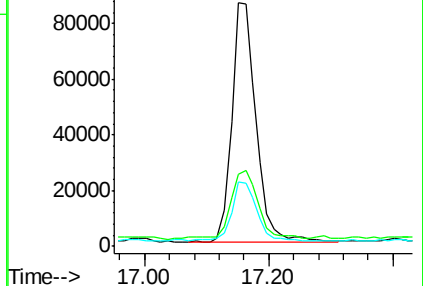
277 26.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

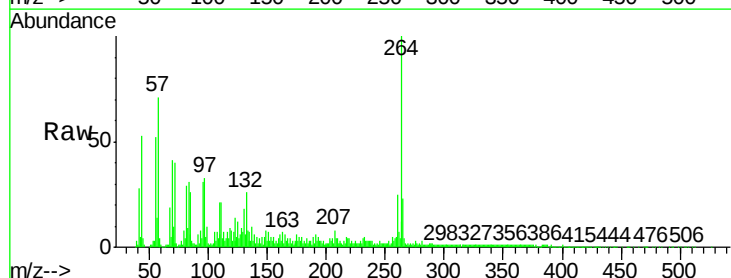
Tgt Ion:264 Resp: 185383

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

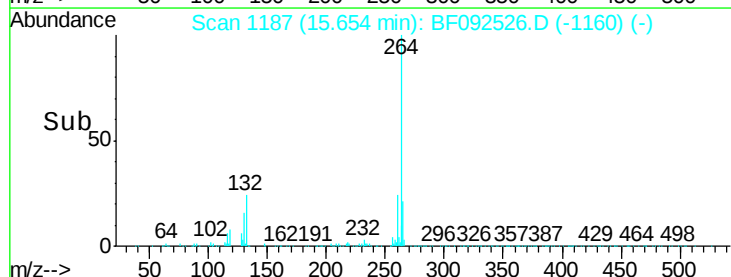
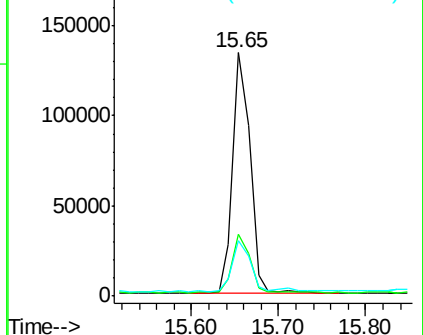
265 22.8 17.4 26.0

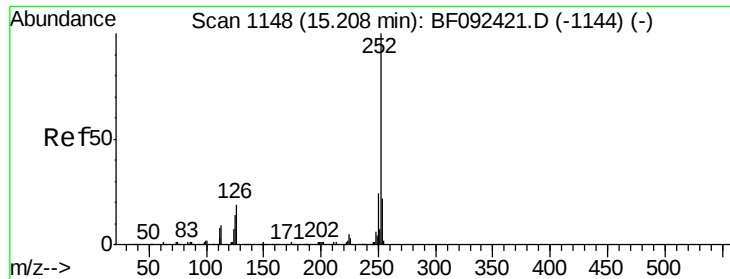


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.57 ng

RT: 15.22 min Scan# 1149

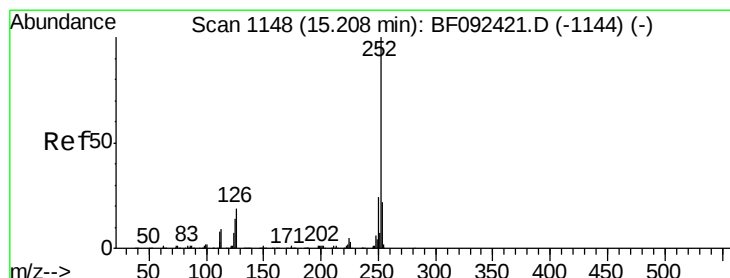
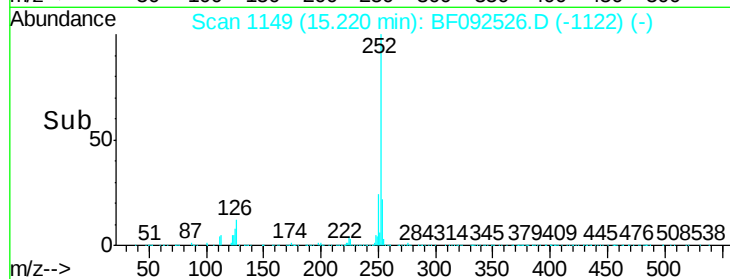
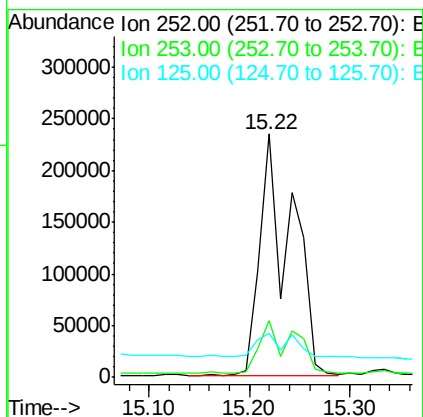
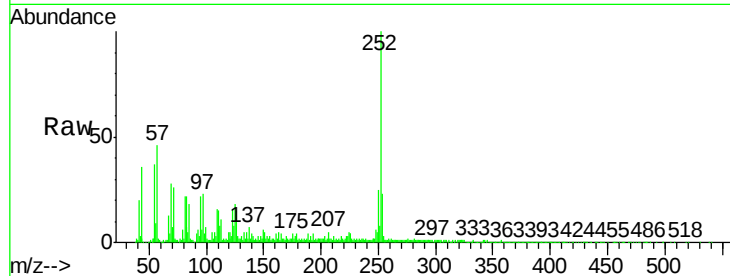
Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CAS-SB-01-0-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	18.2	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 51.19 ng

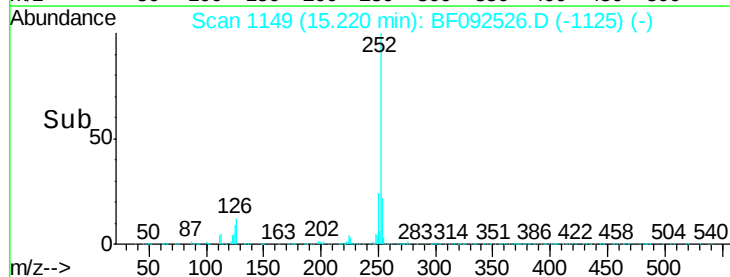
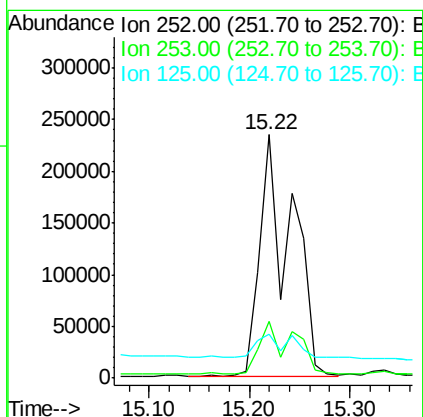
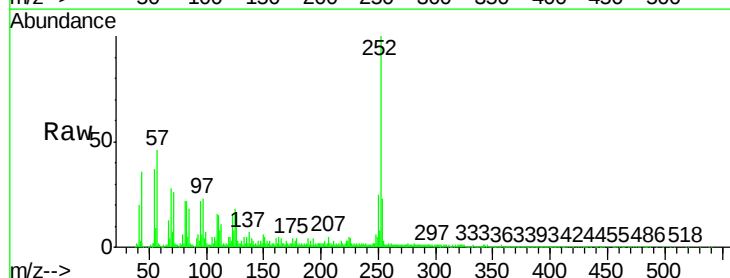
RT: 15.22 min Scan# 1149

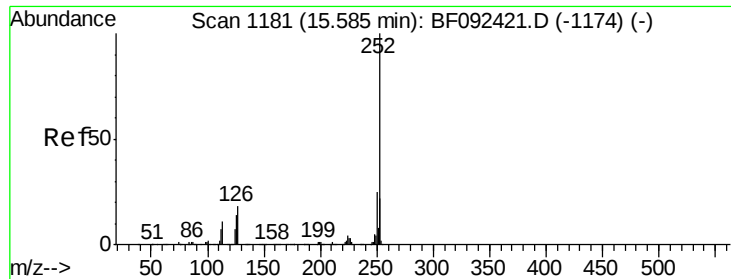
Delta R.T. -0.02 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	18.2	8.9	13.3





#89

Benzo(a)pyrene

Concen: 22.70 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

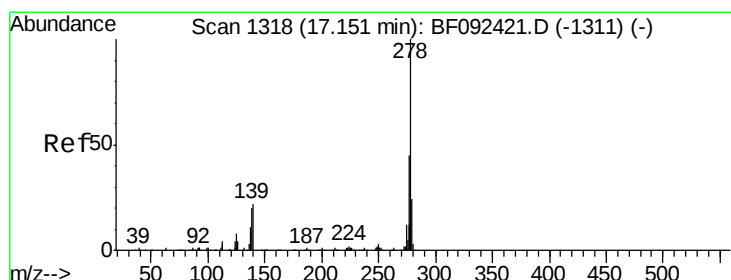
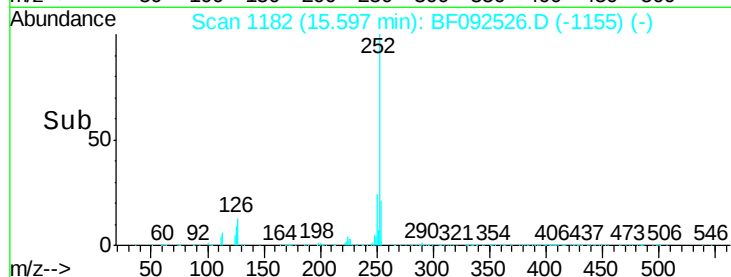
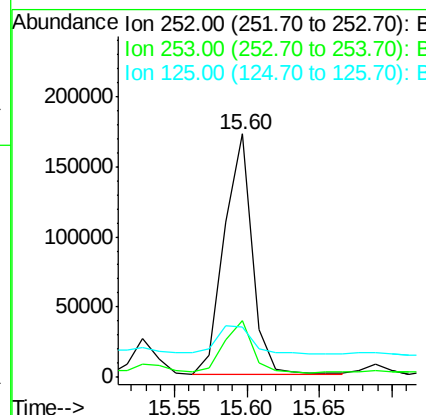
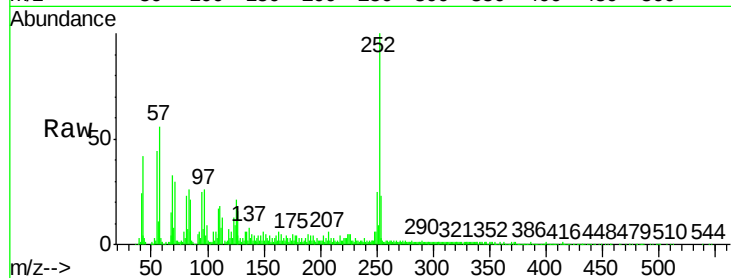
Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD

Tgt Ion:	252	Resp:	228570
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	20.5	10.0	15.0#



#90

Dibenzo(a,h)anthracene

Concen: 23.34 ng

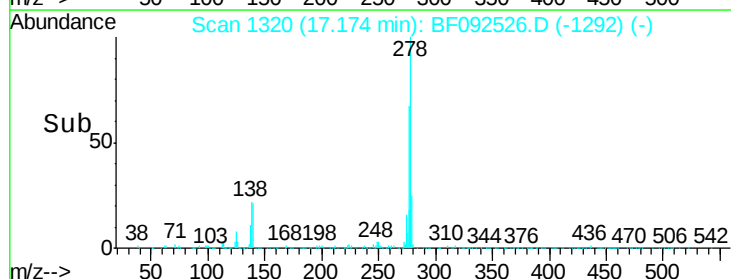
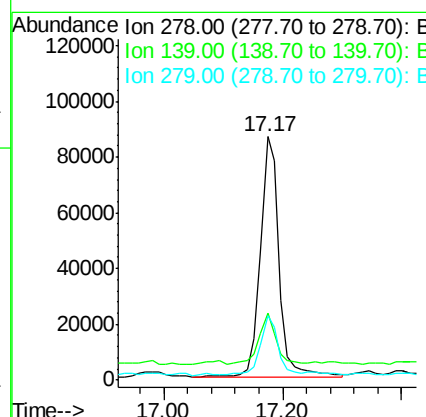
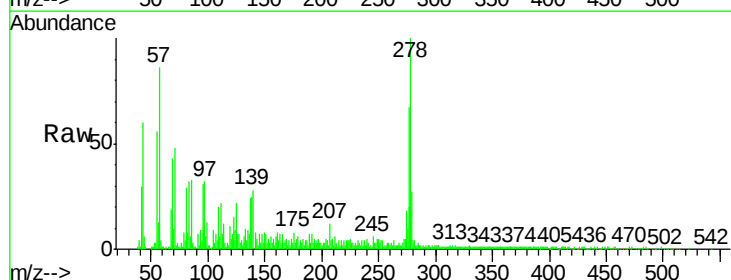
RT: 17.17 min Scan# 1320

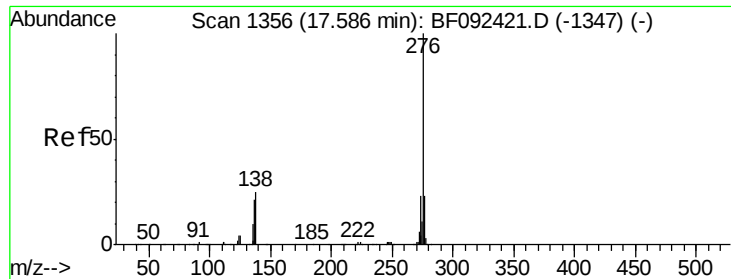
Delta R.T. 0.02 min

Lab File: BF092526.D

Acq: 26 Jan 2017 15:27

Tgt Ion:	278	Resp:	190002
Ion	Ratio	Lower	Upper
278	100		
139	27.6	14.8	22.2#
279	26.6	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 23.31 ng

RT: 17.61 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF092526.D

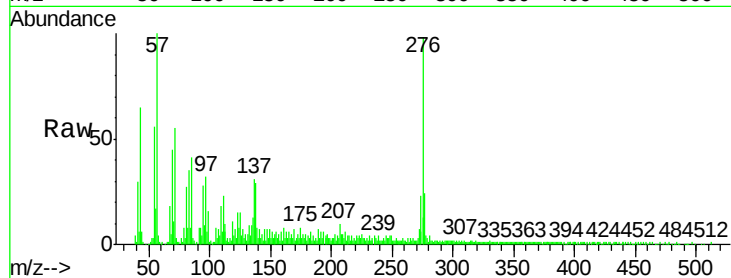
Acq: 26 Jan 2017 15:27

Instrument :

BNA_F

ClientSampleId :

CAS-SB-01-0-2MSD



Tgt Ion:	276	Resp:	191906
Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	29.7	16.0	24.0

