

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092942.D
 Acq On : 14 Feb 2017 14:26
 Operator : SJ/MA
 Sample : PB96923BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 15:02:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	135553	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	580568	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	313779	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	525584	20.00	ng	0.00
75) Chrysene-d12	14.03	240	396476	20.00	ng	-0.02
86) Perylene-d12	15.47	264	330957	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1169527	148.02	ng	0.01
7) Phenol-d6	6.52	99	1346903	132.49	ng	-0.01
23) Nitrobenzene-d5	7.45	82	841937	80.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	294225	129.65	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1529205	88.29	ng	0.00
78) Terphenyl-d14	12.98	244	1332405	78.96	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	164475	38.52	ng	# 85
3) Pyridine	3.29	79	453345	41.76	ng	86
4) n-Nitrosodimethylamine	3.24	42	226748	44.48	ng	86
6) Aniline	6.54	93	342030	24.66	ng	# 52
8) 2-Chlorophenol	6.67	128	405933	46.57	ng	92
9) Benzaldehyde	6.42	77	92056	12.64	ng	# 83
10) Phenol	6.53	94	464547	39.06	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	389754	41.05	ng	88
12) 1,3-Dichlorobenzene	6.90	146	473668	46.39	ng	96
13) 1,4-Dichlorobenzene	6.90	146	473668	45.84	ng	95
14) 1,2-Dichlorobenzene	7.05	146	407820	41.27	ng	99
15) Benzyl Alcohol	7.02	79	330361	43.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	680735	41.27	ng	92
17) 2-Methylphenol	7.14	107	343663	45.96	ng	97
18) Hexachloroethane	7.39	117	151136	42.85	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	286611	44.29	ng	97
20) 3+4-Methylphenols	7.30	107	415367	46.46	ng	97
22) Acetophenone	7.29	105	531602	40.10	ng	# 94
24) Nitrobenzene	7.47	77	469032	43.81	ng	# 87
25) Isophorone	7.71	82	820557	42.24	ng	99
26) 2-Nitrophenol	7.78	139	214972	42.24	ng	96
27) 2,4-Dimethylphenol	7.82	122	385412	43.13	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	506415	39.36	ng	98
29) 2,4-Dichlorophenol	8.03	162	376568	45.18	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	381933	42.52	ng	97
31) Naphthalene	8.19	128	1220988	41.49	ng	99
32) Benzoic acid	7.96	122	189122	38.94	ng	91
33) 4-Chloroaniline	8.24	127	181652	15.74	ng	98
34) Hexachlorobutadiene	8.30	225	198713	40.21	ng	100
35) Caprolactam	8.61	113	86333	32.93	ng	# 59
36) 4-Chloro-3-methylphenol	8.73	107	373170	42.94	ng	95
37) 2-Methylnaphthalene	8.88	142	770305	40.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	363024	41.22	ng	99
40) Hexachlorocyclopentadiene	9.02	237	222026	55.87	ng	96

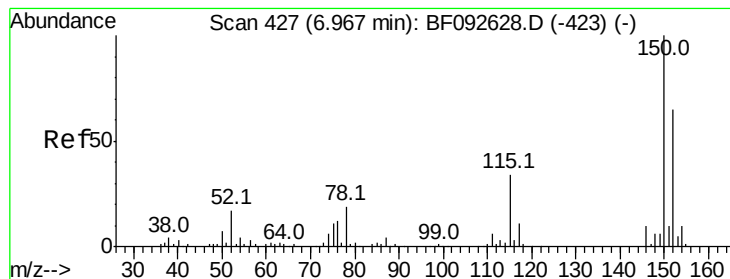
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260791	45.06	nq	92
43) 2,4,5-Trichlorophenol	9.21	196	249940	39.41	nq	# 82
45) 1,1'-Biphenyl	9.34	154	995432	43.81	nq	99
46) 2-Chloronaphthalene	9.37	162	792098	44.56	nq	98
47) 2-Nitroaniline	9.46	65	243921	40.82	nq	92
48) Acenaphthylene	9.78	152	1176969	38.33	nq	99
49) Dimethylphthalate	9.64	163	849066	40.17	nq	98
50) 2,6-Dinitrotoluene	9.71	165	218819	47.94	nq	# 88
51) Acenaphthene	9.95	154	687699	37.46	nq	98
52) 3-Nitroaniline	9.87	138	121514	23.26	nq	93
53) 2,4-Dinitrophenol	9.98	184	183438	79.06	nq	# 72
54) Dibenzofuran	10.12	168	999096	40.69	nq	97
55) 4-Nitrophenol	10.05	139	327259	86.99	nq	# 72
56) 2,4-Dinitrotoluene	10.11	165	252273	41.52	nq	96
57) Fluorene	10.46	166	793495	42.00	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207606	49.08	nq	94
59) Diethylphthalate	10.34	149	820330	41.19	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	340581	37.53	nq	95
61) 4-Nitroaniline	10.49	138	194457	36.35	nq	93
62) Azobenzene	10.61	77	927507	45.07	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	147336	46.16	nq	95
65) n-Nitrosodiphenylamine	10.58	169	729778	43.47	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	224185	40.83	nq	96
67) Hexachlorobenzene	11.01	284	235768	43.45	nq	99
68) Atrazine	11.10	200	222542	41.30	nq	99
69) Pentachlorophenol	11.21	266	239033	84.85	nq	97
70) Phenanthrene	11.42	178	1189476	39.50	nq	99
71) Anthracene	11.47	178	1240756	41.03	nq	99
72) Carbazole	11.63	167	1011299	34.99	nq	99
73) Di-n-butylphthalate	11.96	149	1445282	46.23	nq	# 97
74) Fluoranthene	12.61	202	1282258	41.28	nq	93
76) Benzidine	12.73	184	315212	18.66	nq	97
77) Pyrene	12.84	202	1304238	43.96	nq	99
79) Butylbenzylphthalate	13.46	149	602256	49.98	nq	# 73
80) Benzo(a)anthracene	14.02	228	976233	40.26	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	220655	25.53	nq	# 97
82) Chrysene	14.07	228	1019897	44.92	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	762167	46.25	nq	99
84) Di-n-octyl phthalate	14.63	149	1385133	51.62	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	734349	41.76	nq	95
87) Benzo(b)fluoranthene	15.06	252	934003	42.88	nq	97
88) Benzo(k)fluoranthene	15.06	252	934003	49.66	nq	98
89) Benzo(a)pyrene	15.41	252	812207	43.10	nq	97
90) Dibenzo(a,h)anthracene	16.90	278	611468	40.15	nq	98
91) Benzo(g,h,i)perylene	17.31	276	610881	39.71	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

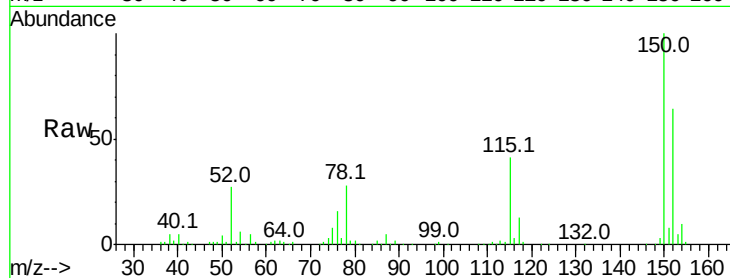
Tot Ion:152 Resp: 135553

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

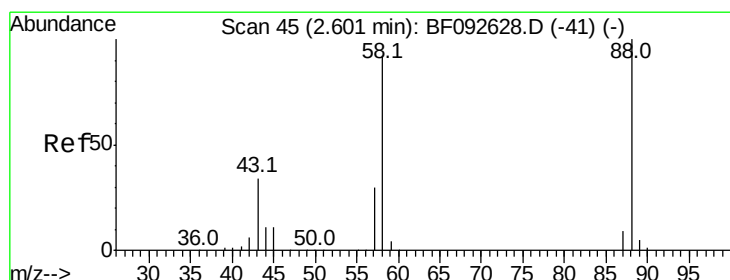
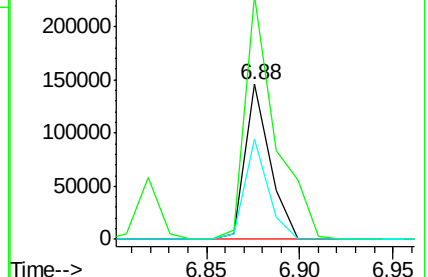
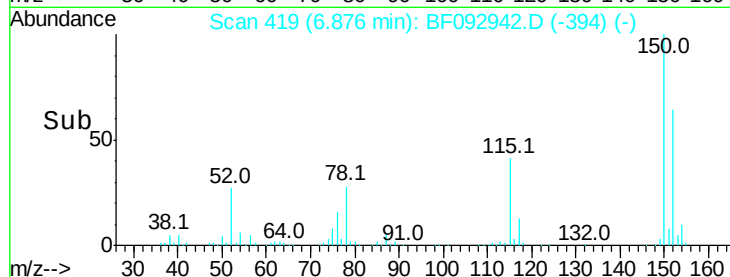
115 64.6 46.0 69.0



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: 38.52 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

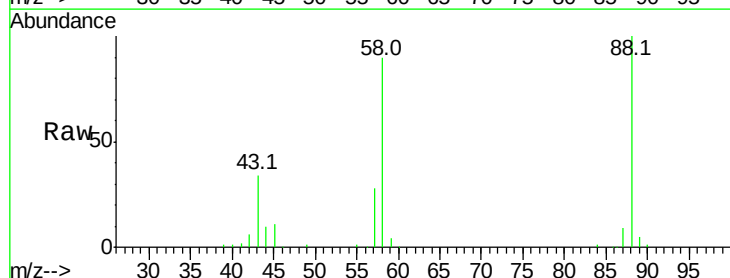
Tgt Ion: 88 Resp: 164475

Ion Ratio Lower Upper

88 100

58 85.9 57.8 86.8

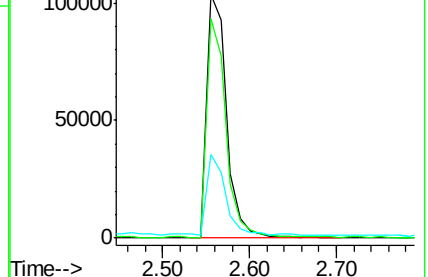
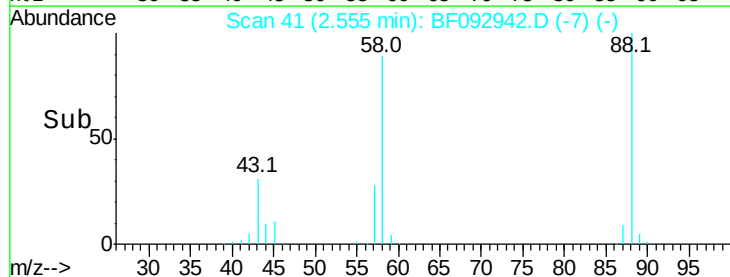
43 33.5 22.3 33.5#

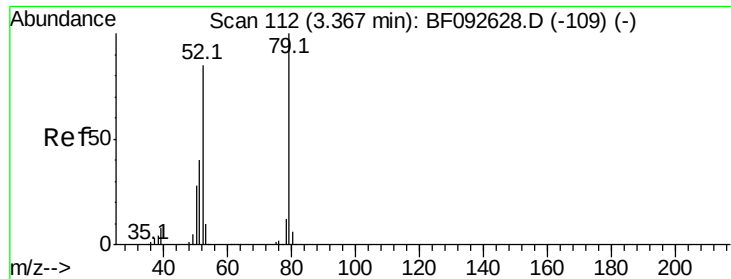


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.76 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

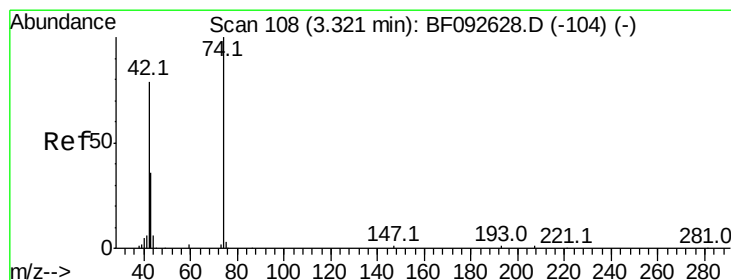
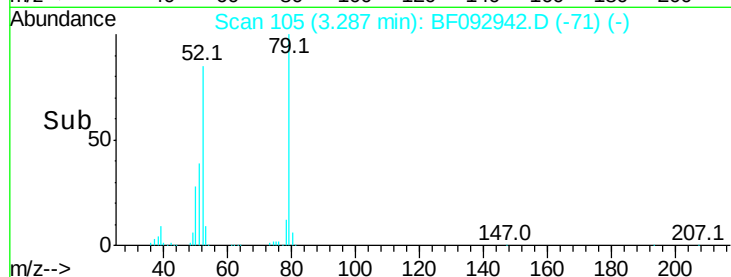
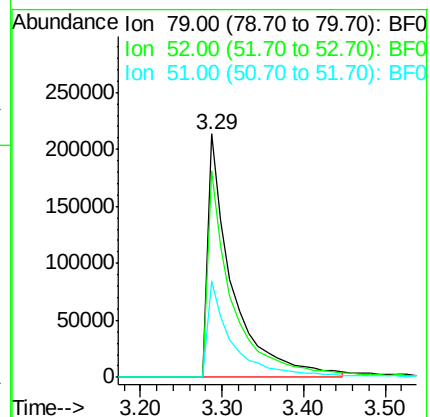
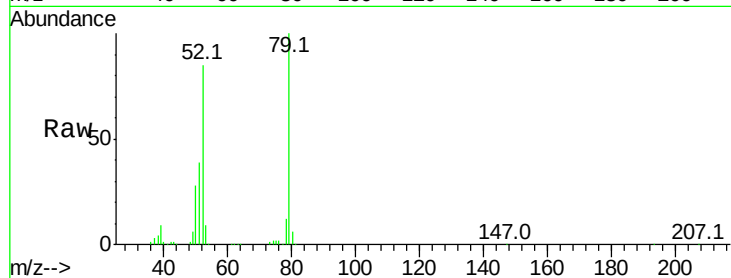
Tot Ion: 79 Resp: 453345

Ion Ratio Lower Upper

79 100

52 84.8 57.1 85.7

51 39.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.48 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

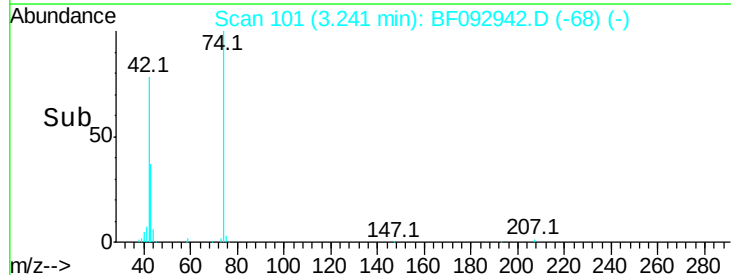
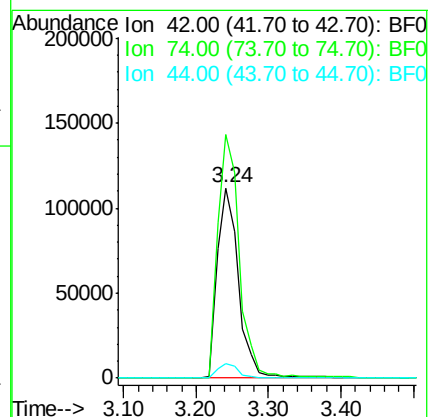
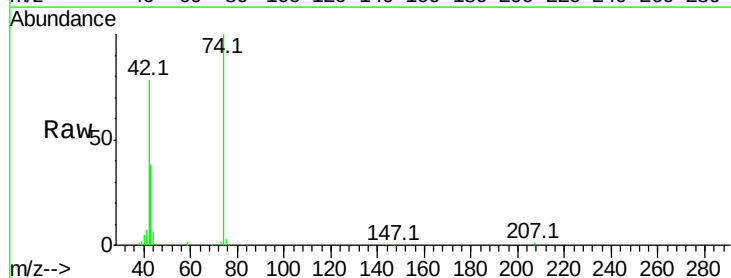
Tgt Ion: 42 Resp: 226748

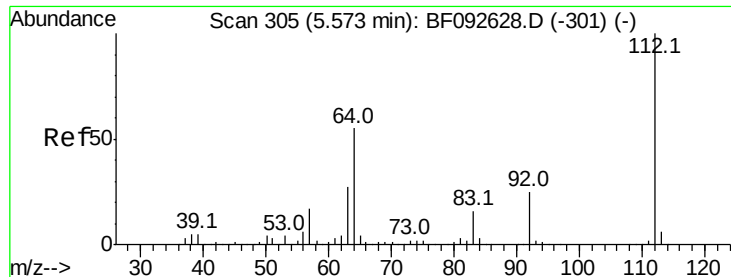
Ion Ratio Lower Upper

42 100

74 128.1 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 148.02 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :

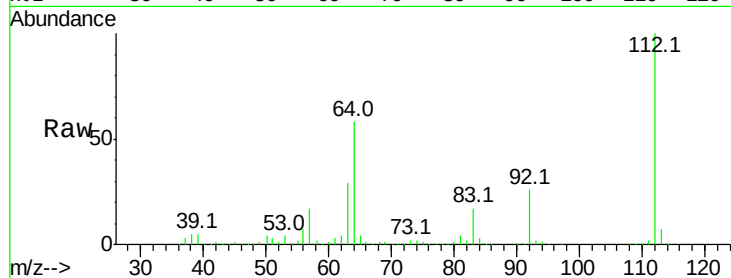
Tot Ion:112 Resp: 1169527

Ion Ratio Lower Upper

112 100

64 57.7 46.1 69.1

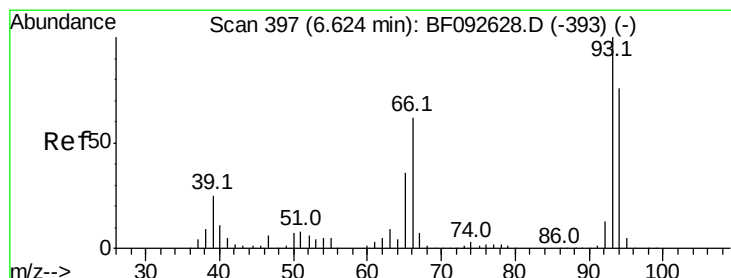
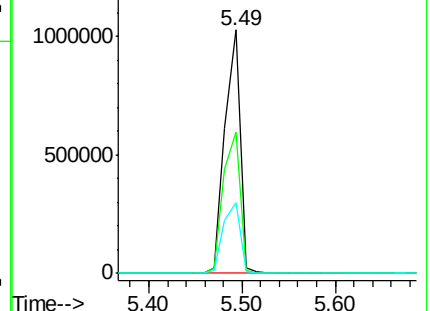
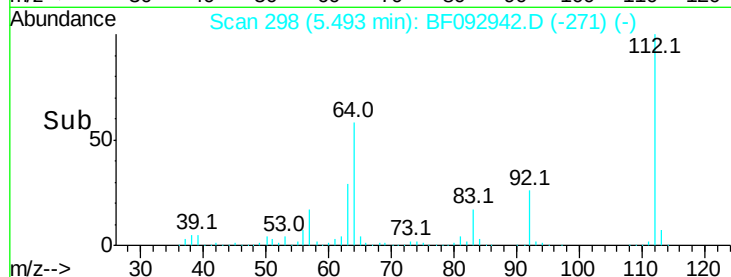
63 28.8 23.8 35.6



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: 24.66 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

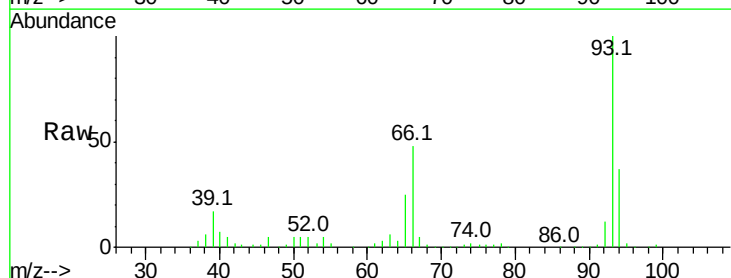
Tgt Ion: 93 Resp: 342030

Ion Ratio Lower Upper

93 100

66 47.8 76.2 114.2#

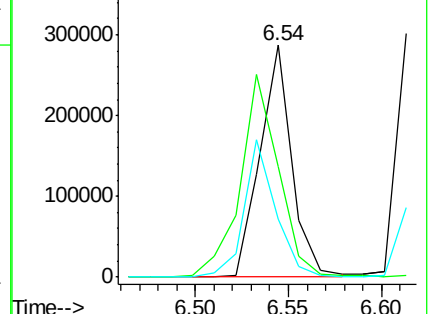
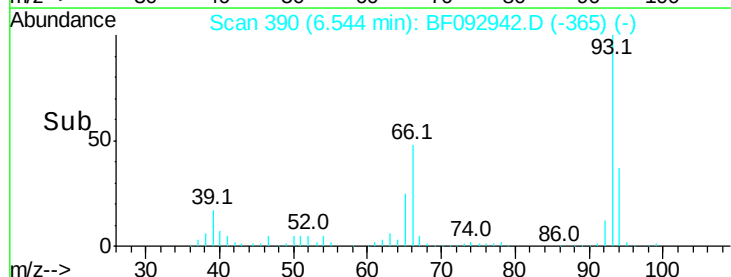
65 25.2 49.3 73.9#

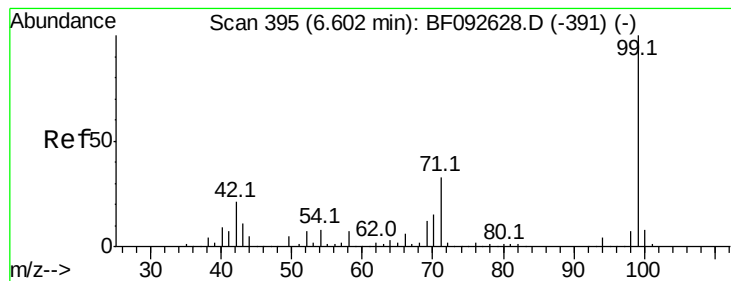


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

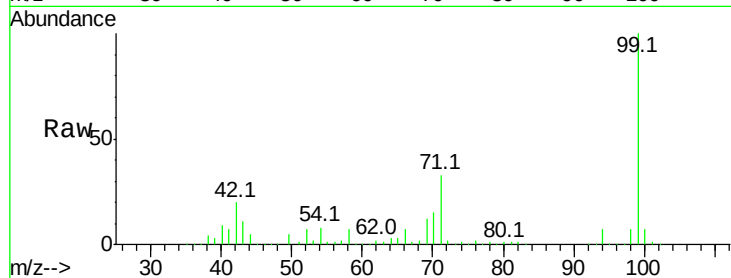
Tot Ion: 99 Resp: 1346903

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

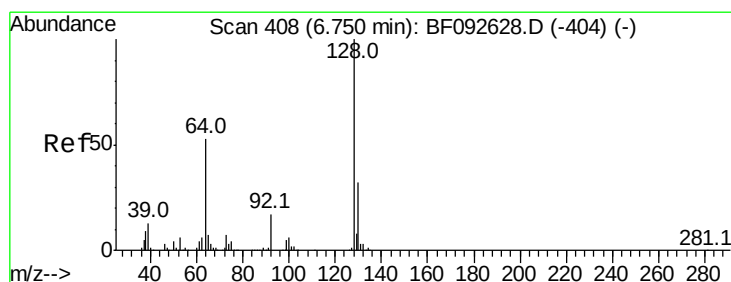
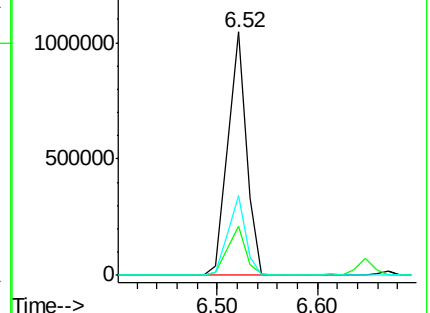
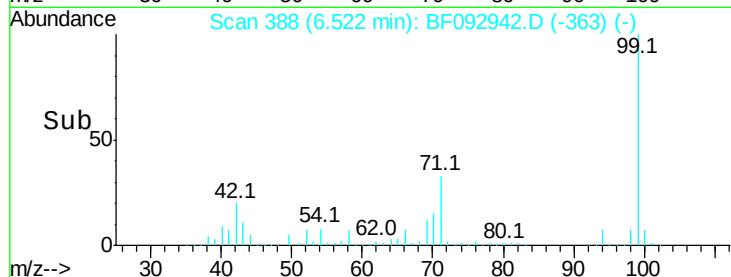
71 32.9 27.5 41.3



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: 46.57 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

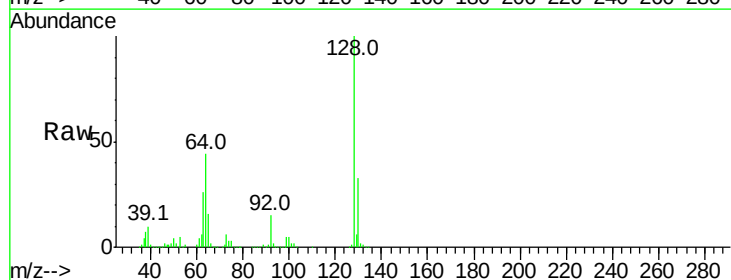
Tgt Ion:128 Resp: 405933

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

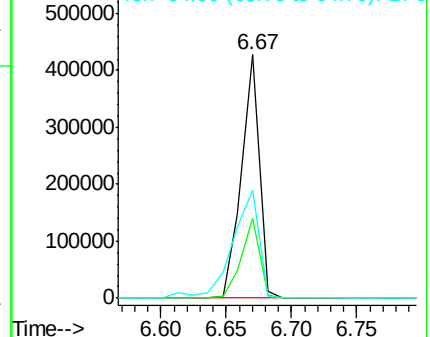
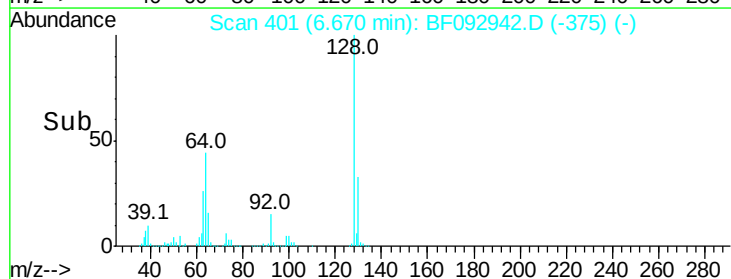
64 44.1 32.2 72.2

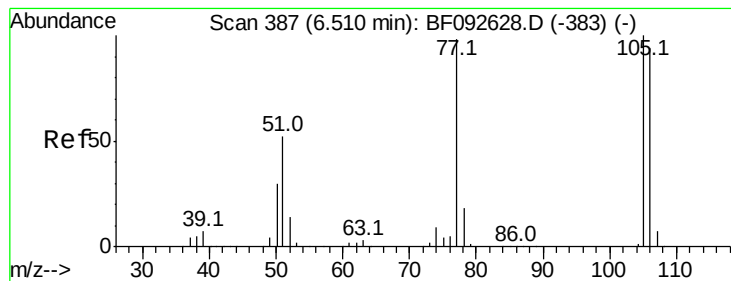


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.64 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

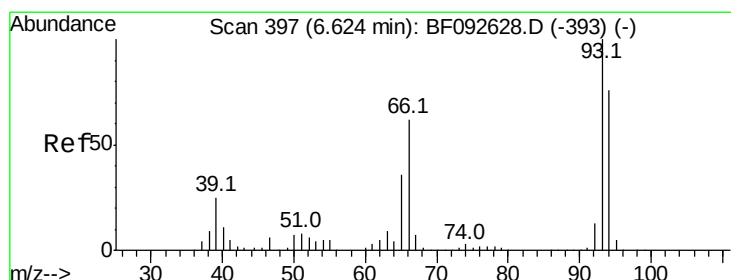
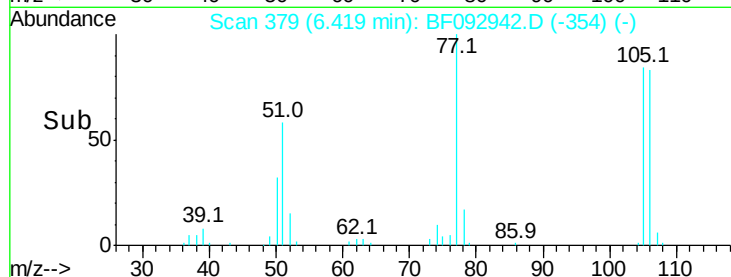
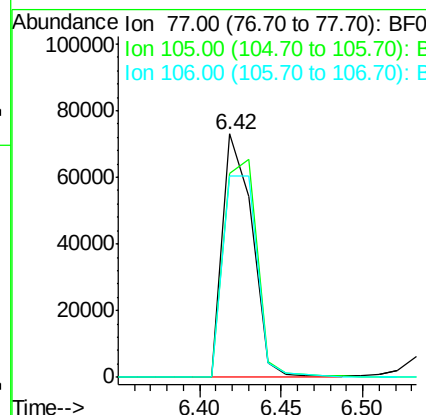
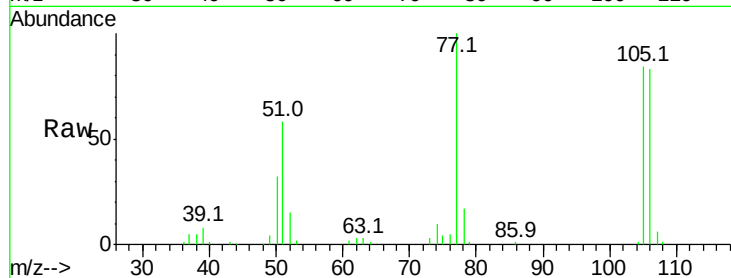
Tot Ion: 77 Resp: 92056

Ion Ratio Lower Upper

77 100

105 83.8 83.9 123.9#

106 82.7 77.6 117.6



#10

Phenol

Concen: 39.06 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

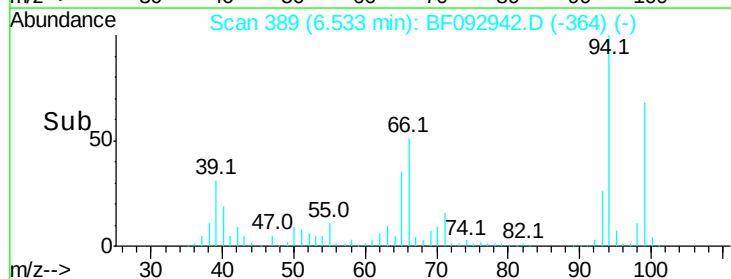
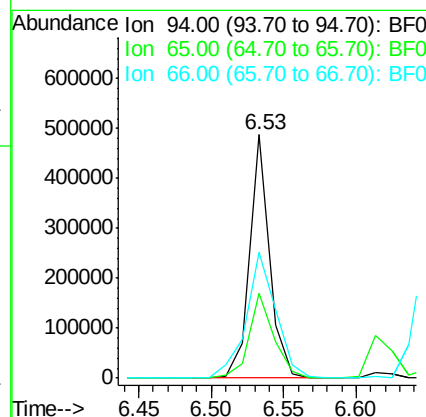
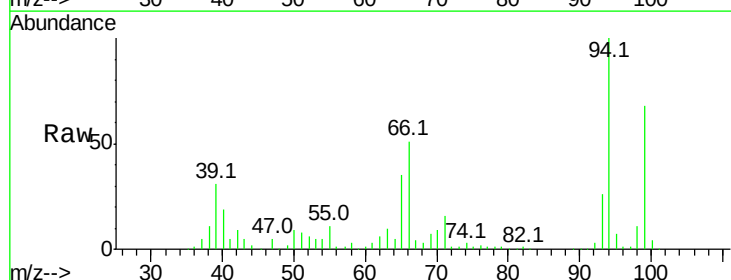
Tgt Ion: 94 Resp: 464547

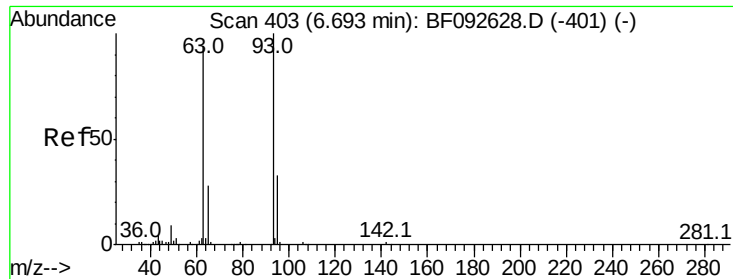
Ion Ratio Lower Upper

94 100

65 35.0 21.4 61.4

66 51.4 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 41.05 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

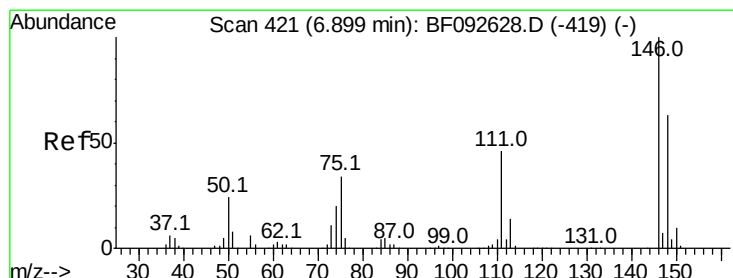
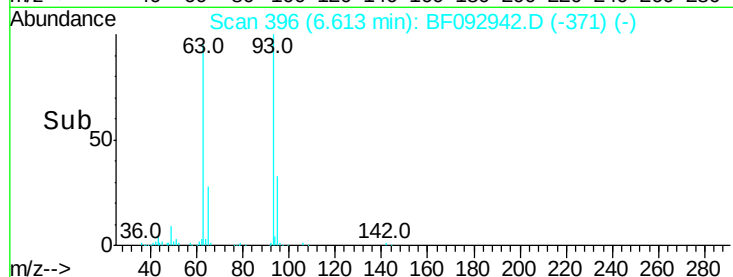
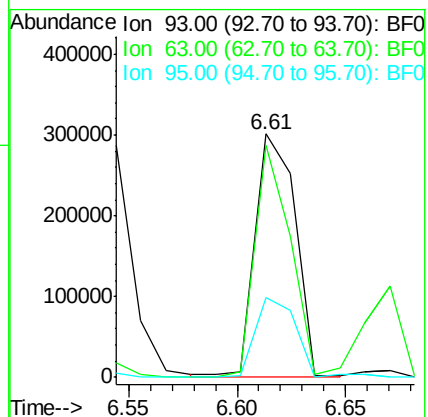
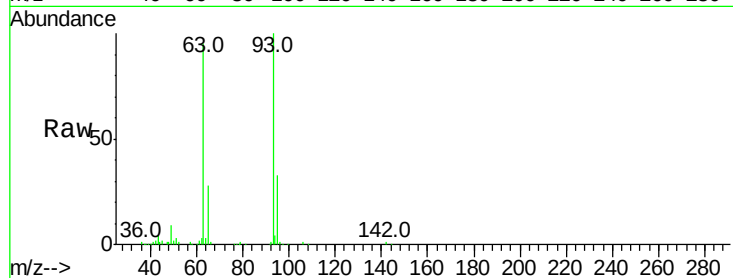
Tot Ion: 93 Resp: 389754

Ion Ratio Lower Upper

93 100

63 95.5 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.39 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.07 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

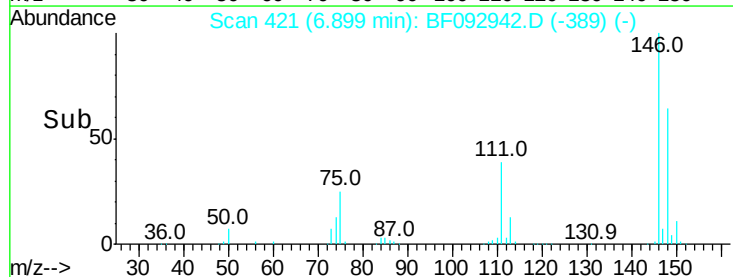
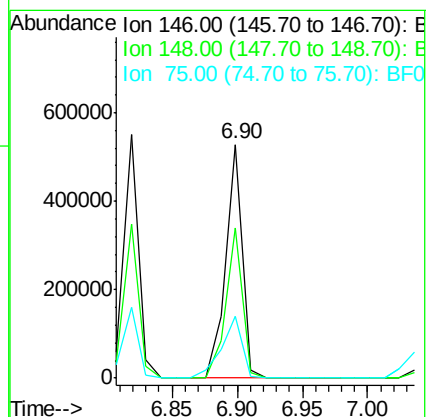
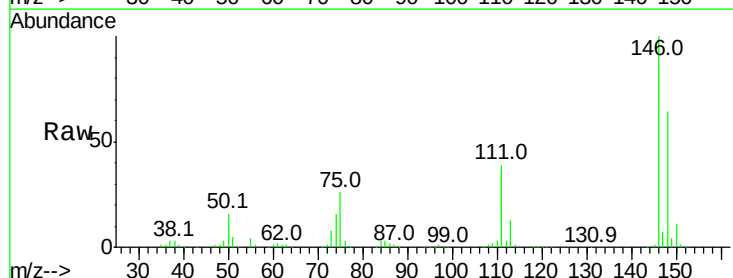
Tgt Ion: 146 Resp: 473668

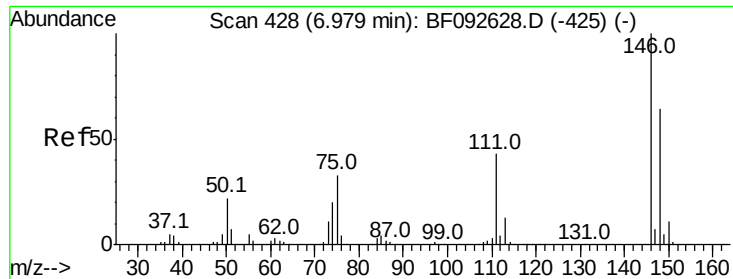
Ion Ratio Lower Upper

146 100

148 64.0 53.4 80.0

75 26.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.84 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

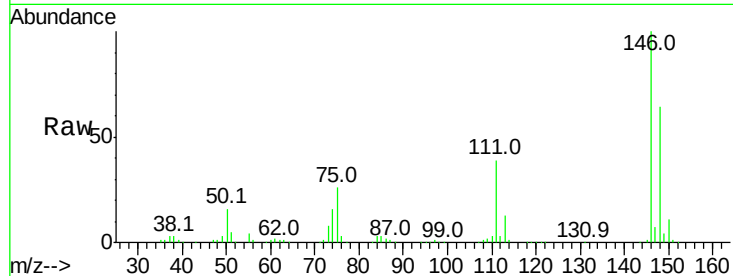
Tot Ion:146 Resp: 473668

Ion Ratio Lower Upper

146 100

148 64.0 50.6 76.0

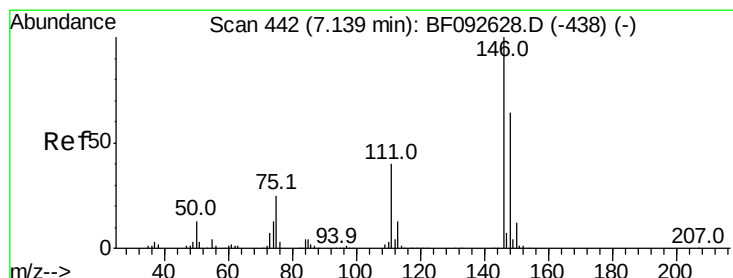
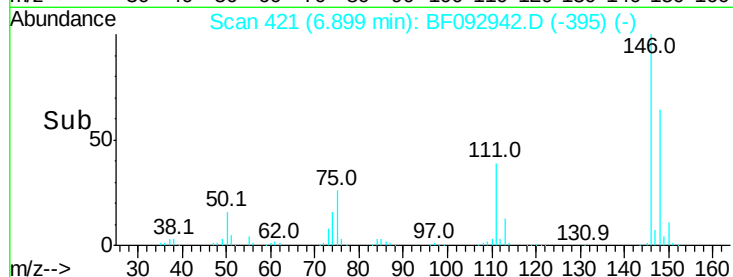
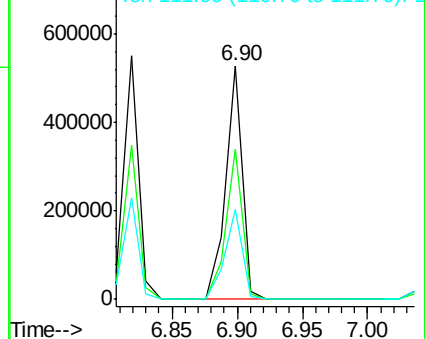
111 38.6 36.2 54.4



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: 41.27 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

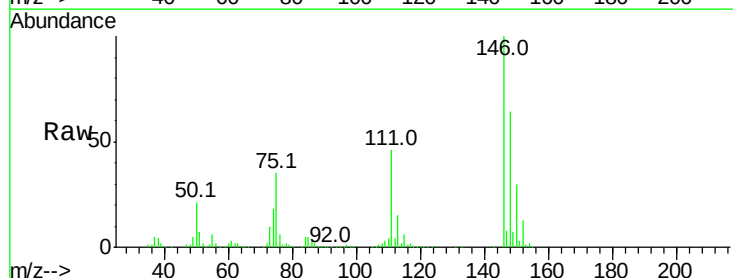
Tgt Ion:146 Resp: 407820

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

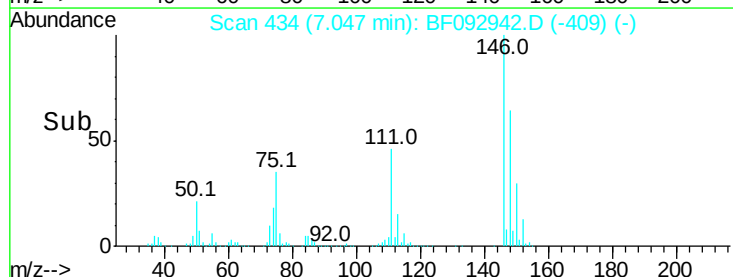
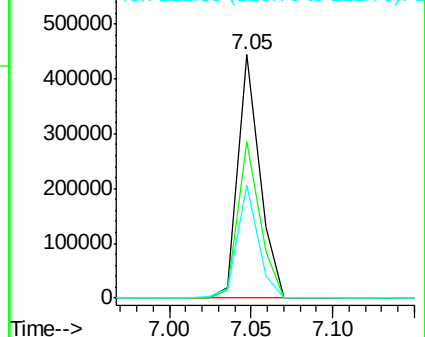
111 46.4 36.2 54.2

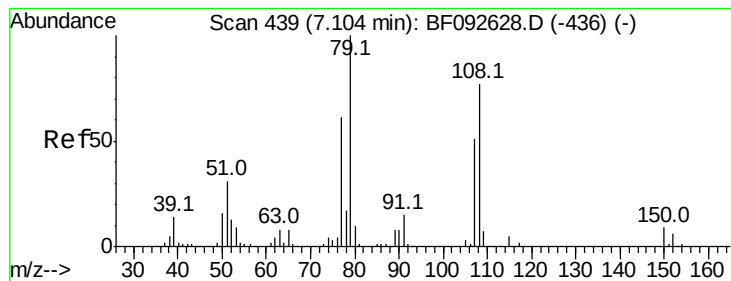


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.89 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

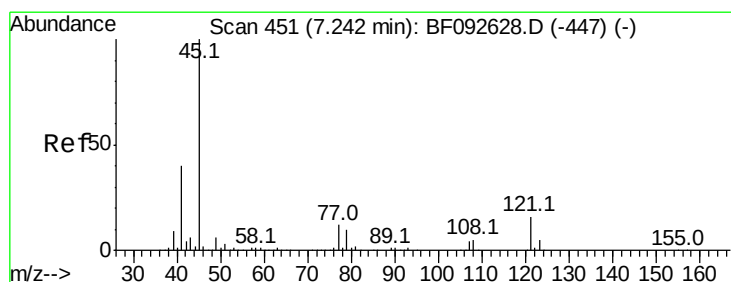
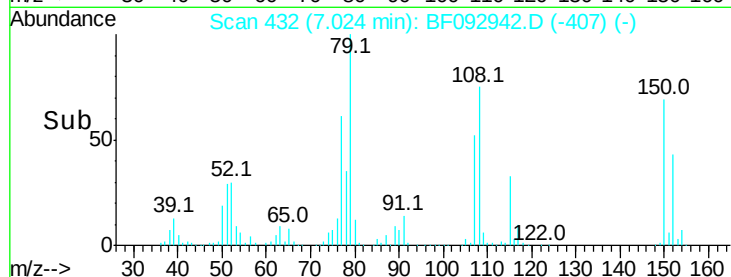
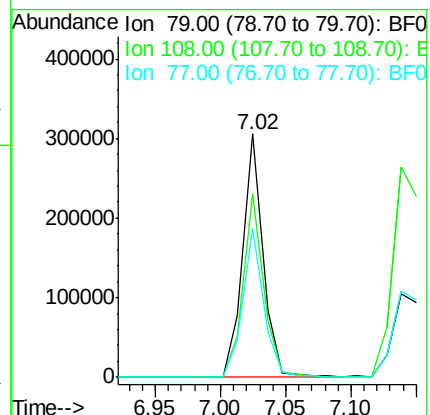
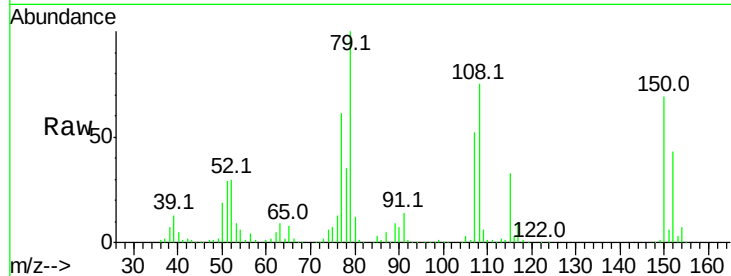
Tot Ion: 79 Resp: 330361

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.0

77 61.0 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.27 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

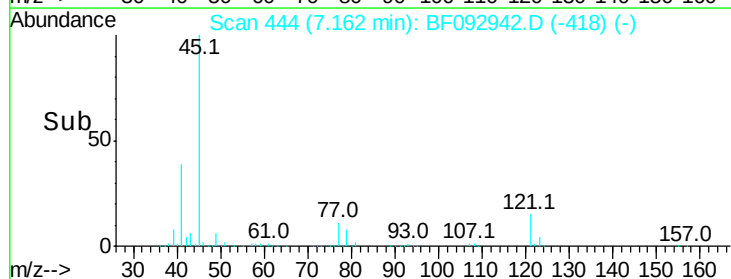
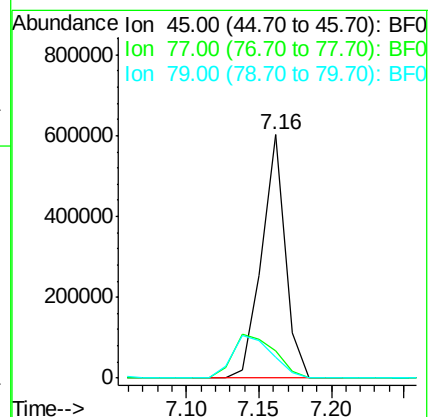
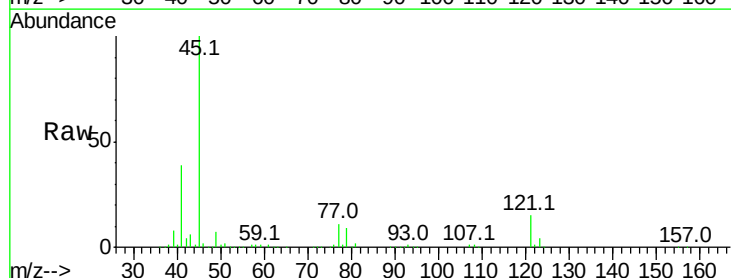
Tgt Ion: 45 Resp: 680735

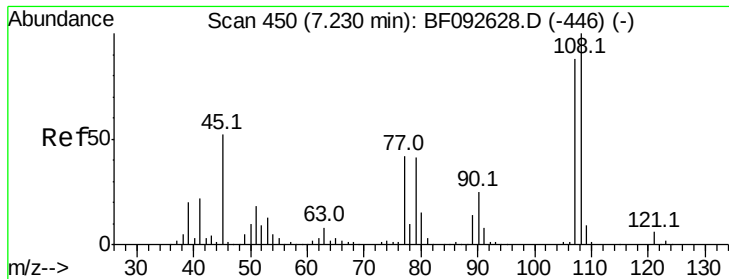
Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

79 8.5 0.0 31.2

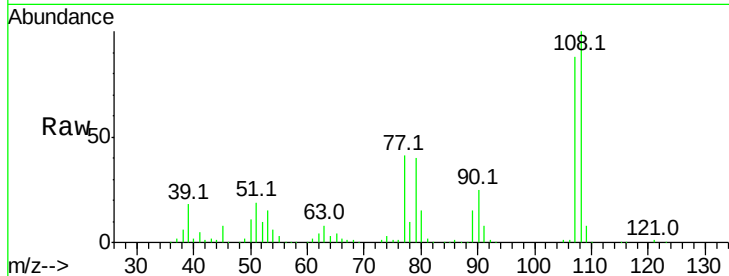




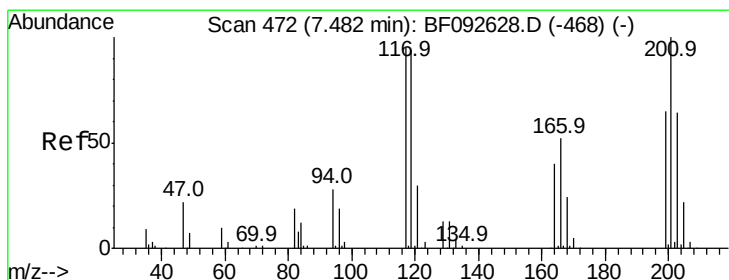
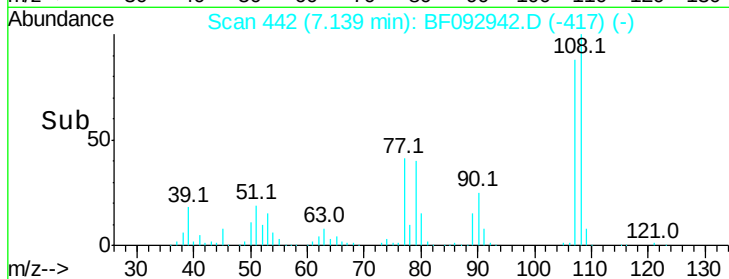
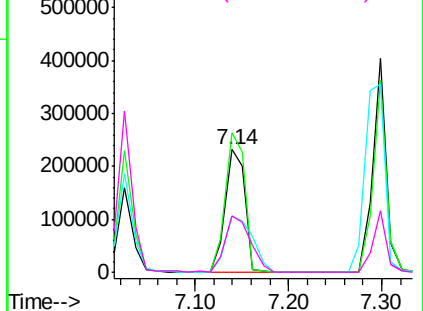
#17
2-Methylphenol
Concen: 45.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 343663
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.6
77 46.4 39.8 59.8
79 45.5 38.0 57.0

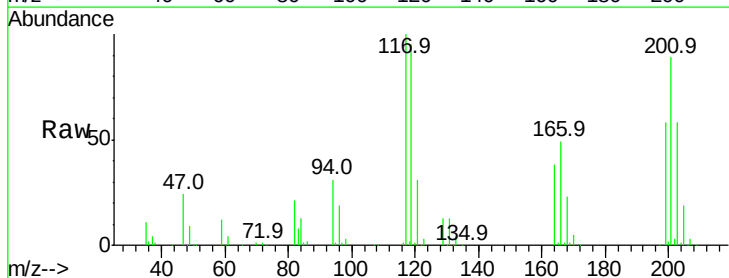


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

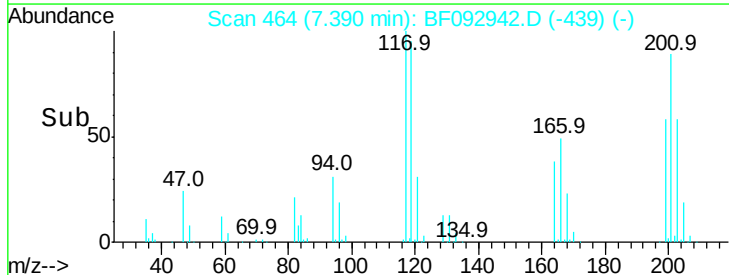
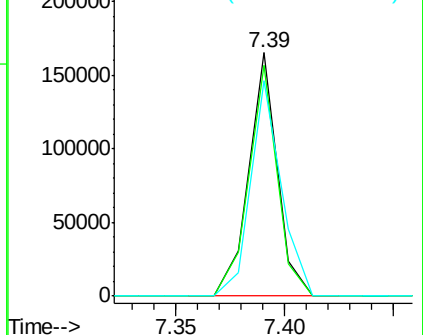


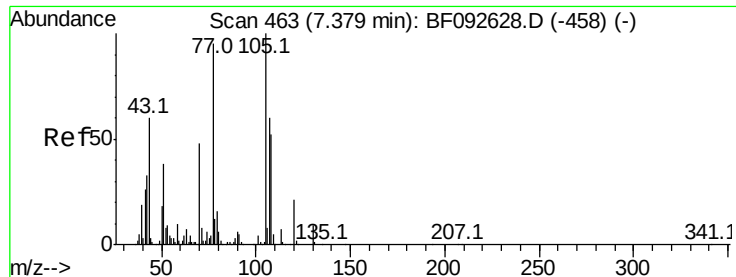
#18
Hexachloroethane
Concen: 42.85 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:117 Resp: 151136
Ion Ratio Lower Upper
117 100
119 94.7 78.1 117.1
201 88.7 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

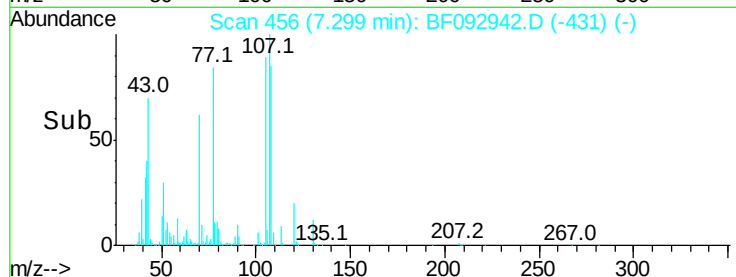
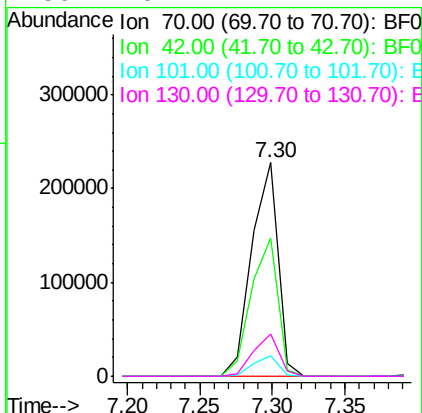
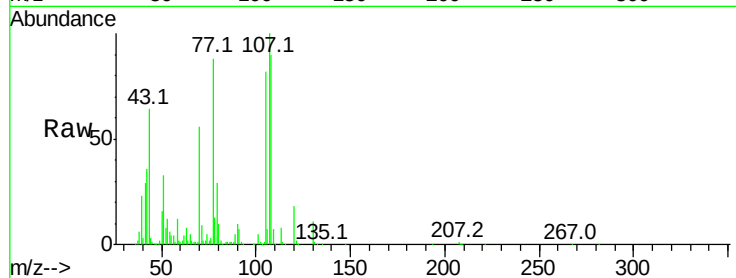




#19
n-Nitroso-di-n-propylamine
Concen: 44.29 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

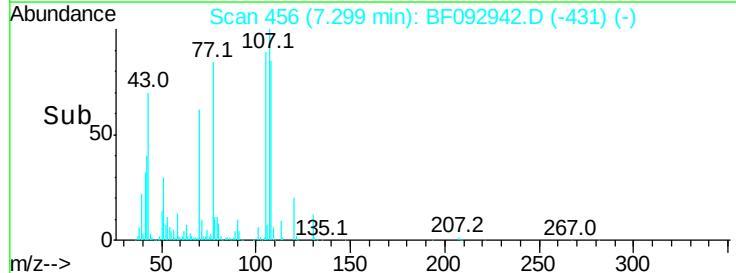
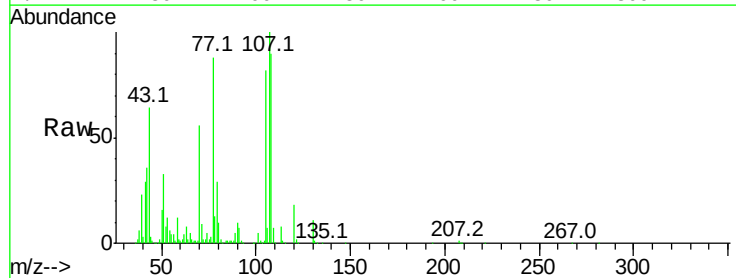
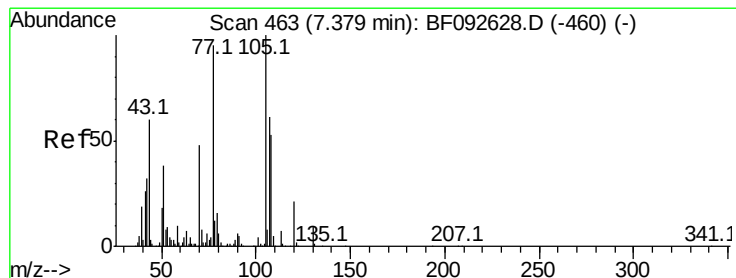
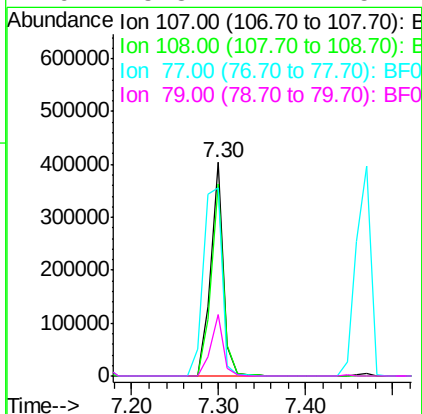
Instrument :
BNA_F
ClientSampleId :

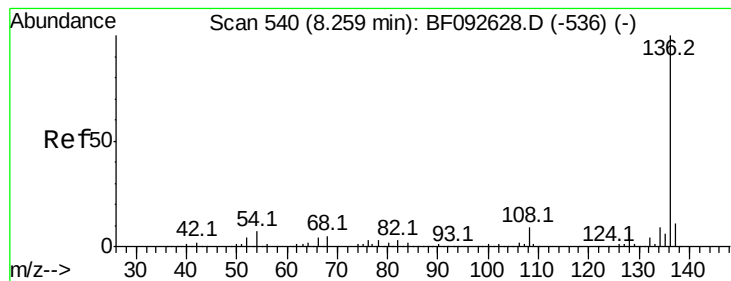
Tot Ion: 70 Resp: 286611
Ion Ratio Lower Upper
70 100
42 64.5 49.4 74.0
101 9.5 7.4 11.2
130 19.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion: 107 Resp: 415367
Ion Ratio Lower Upper
107 100
108 89.9 73.0 113.0
77 88.3 71.3 111.3
79 28.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 580568

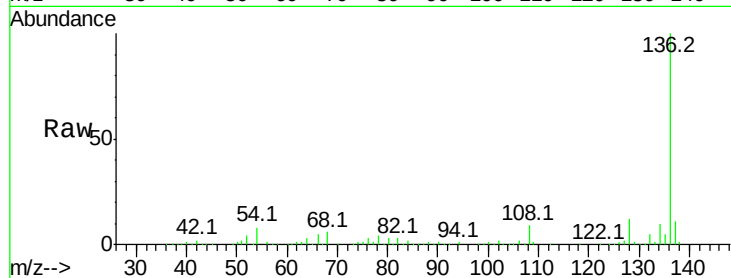
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.3 4.5 6.7#

68 6.2 3.6 5.4#

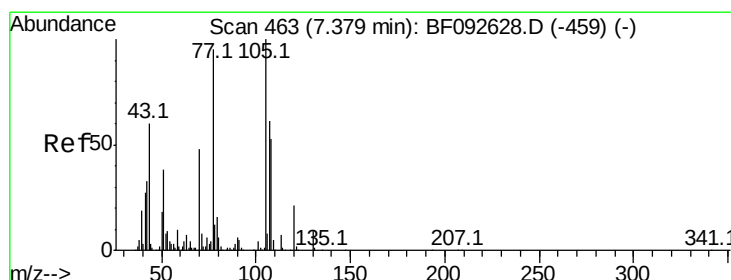
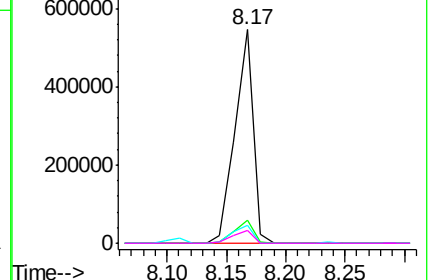
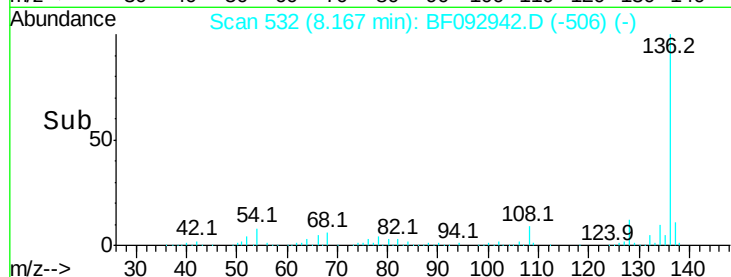


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.10 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:105 Resp: 531602

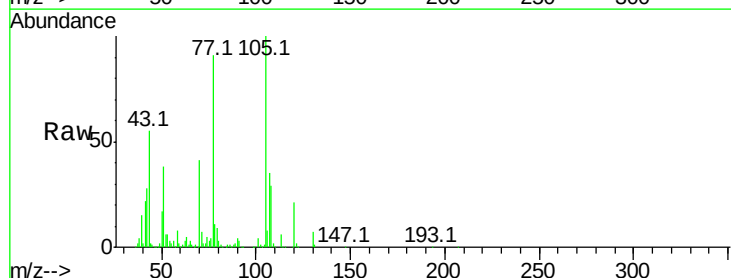
Ion Ratio Lower Upper

105 100

71 7.0 3.2 4.8#

51 37.7 26.2 39.4

120 20.8 16.6 24.8

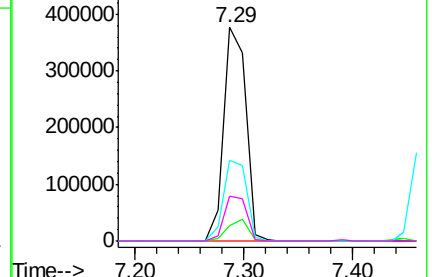
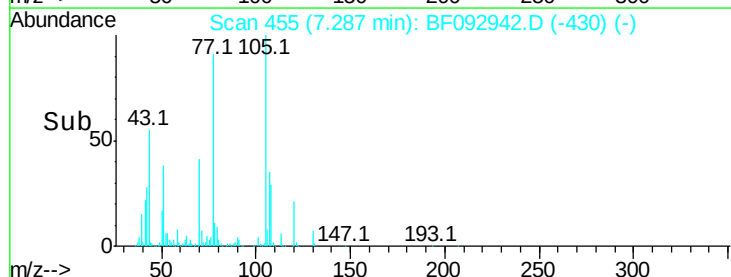


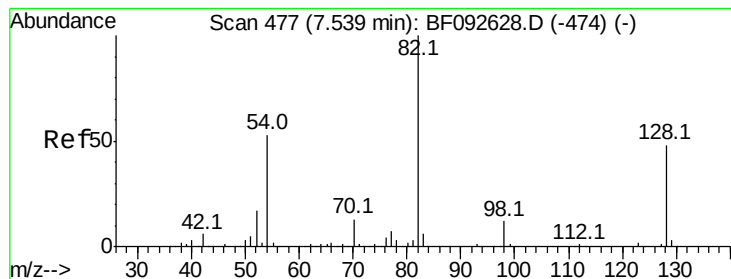
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.76 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

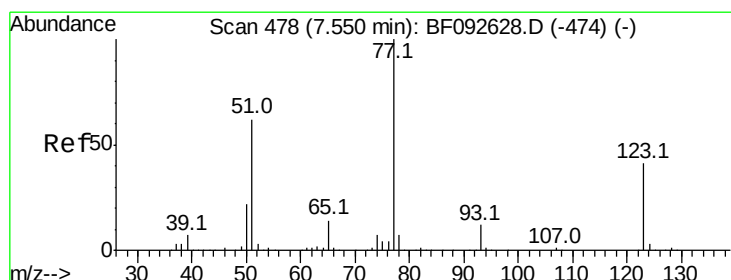
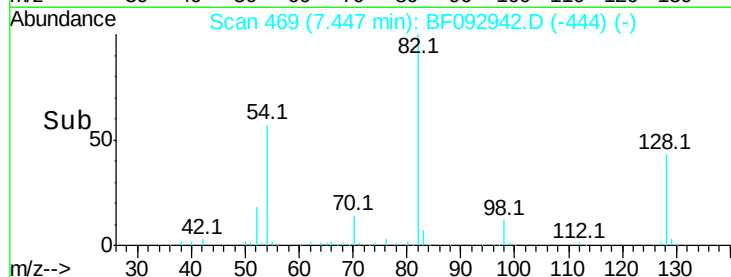
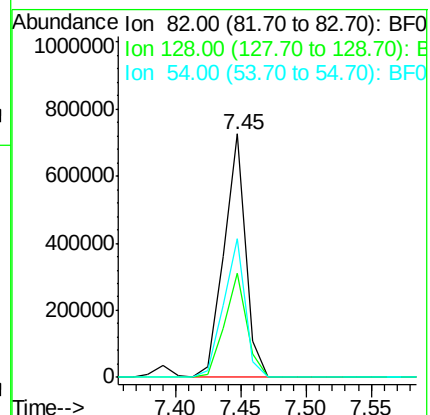
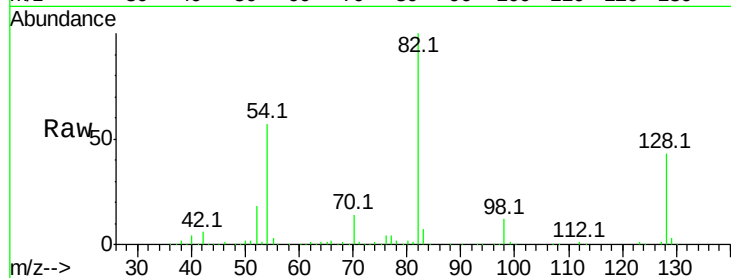
Tot Ion: 82 Resp: 841937

Ion Ratio Lower Upper

82 100

128 43.0 34.6 52.0

54 57.0 39.5 59.3



#24

Nitrobenzene

Concen: 43.81 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

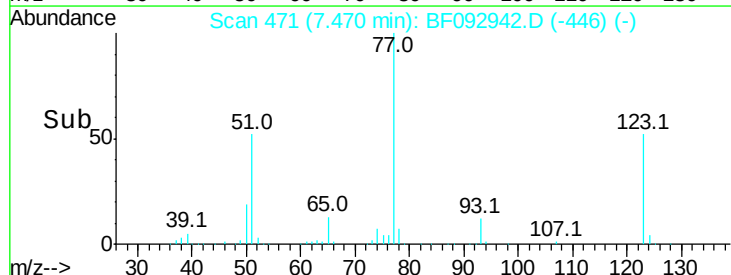
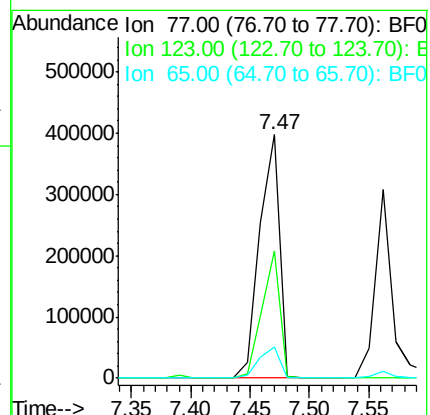
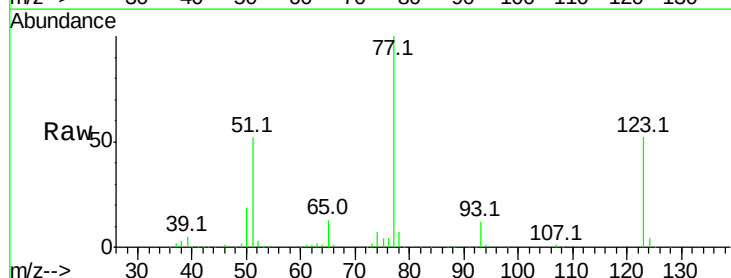
Tgt Ion: 77 Resp: 469032

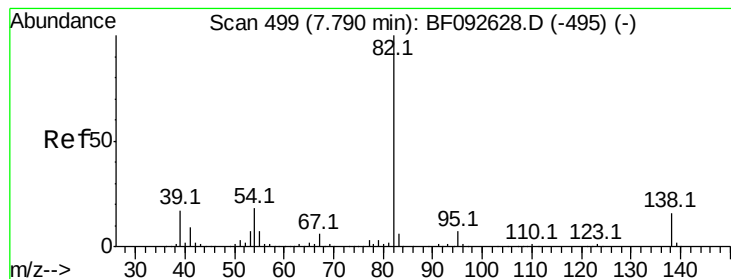
Ion Ratio Lower Upper

77 100

123 52.0 33.0 49.4#

65 12.9 11.2 16.8





#25

Isophorone

Concen: 42.24 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

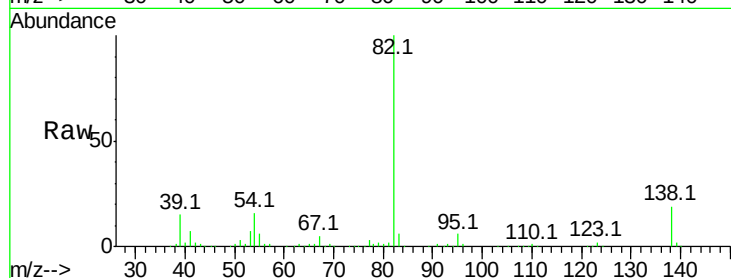
Tot Ion: 82 Resp: 820557

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

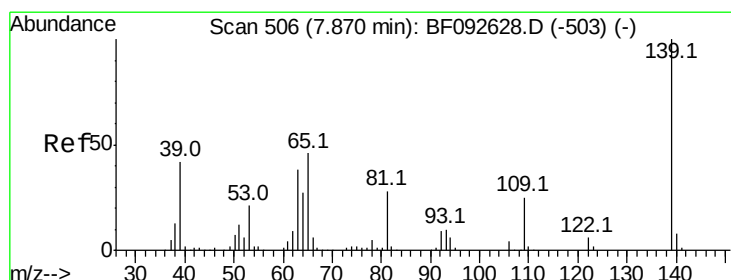
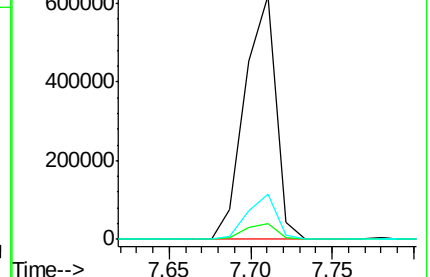
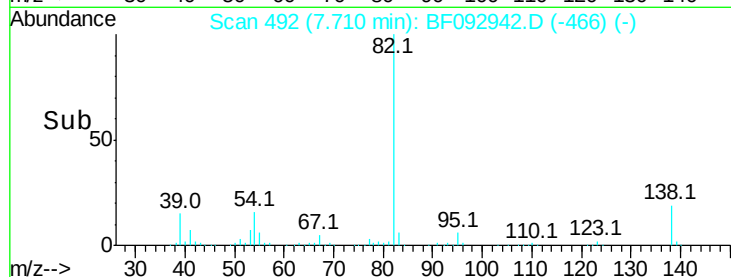
138 18.6 14.6 22.0



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: 42.24 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

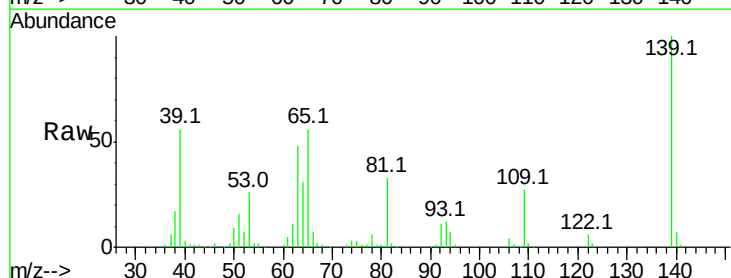
Tgt Ion: 139 Resp: 214972

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

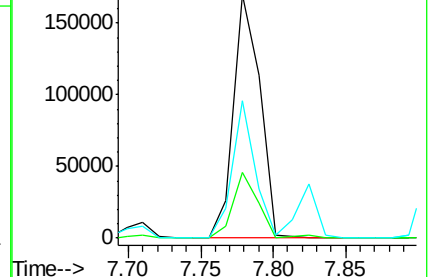
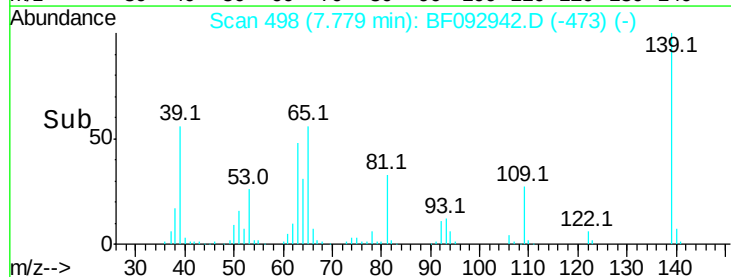
65 56.3 42.7 64.1

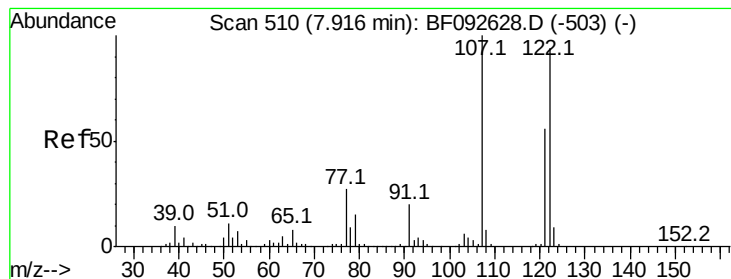


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.13 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

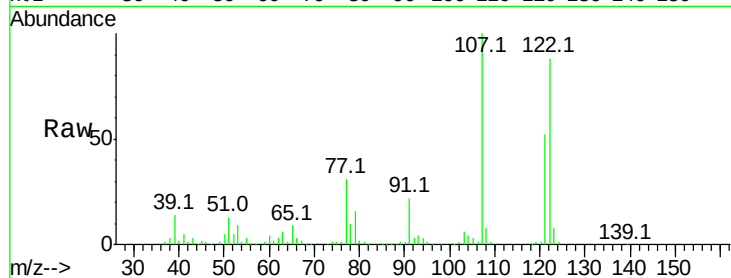
Tot Ion:122 Resp: 385412

Ion Ratio Lower Upper

122 100

107 114.1 94.1 141.1

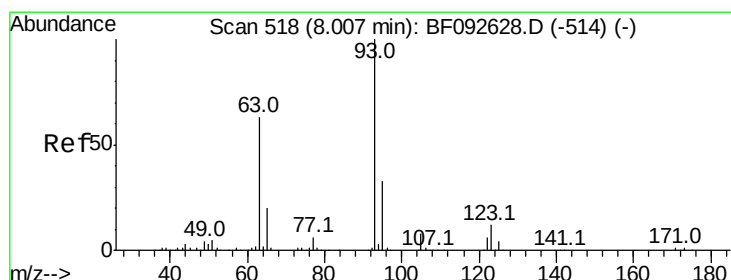
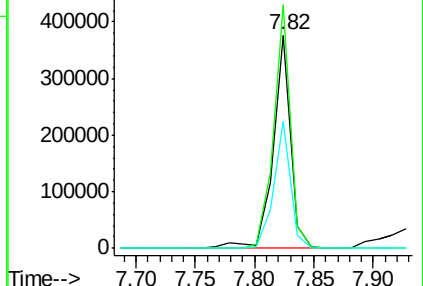
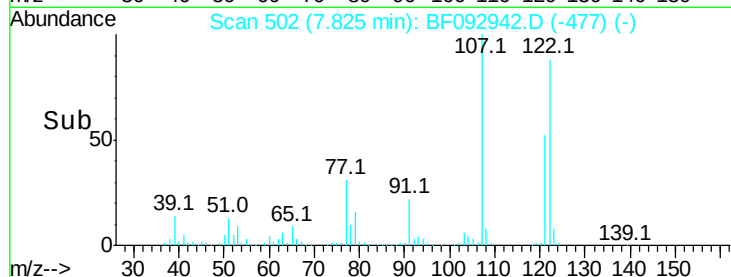
121 59.6 46.0 69.0



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: 39.36 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

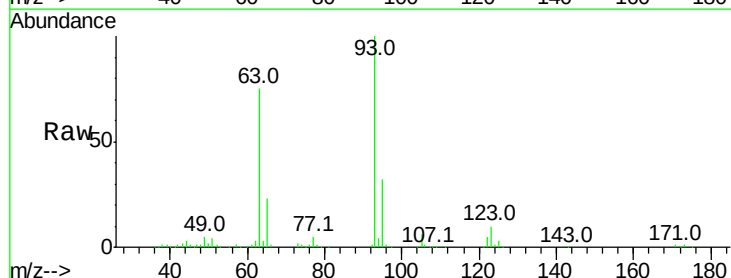
Tgt Ion: 93 Resp: 506415

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

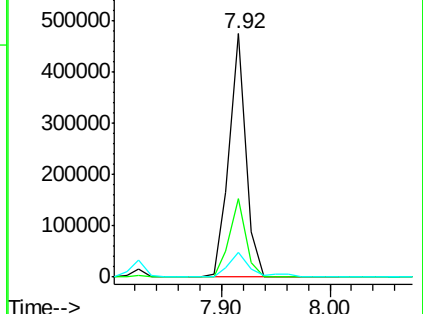
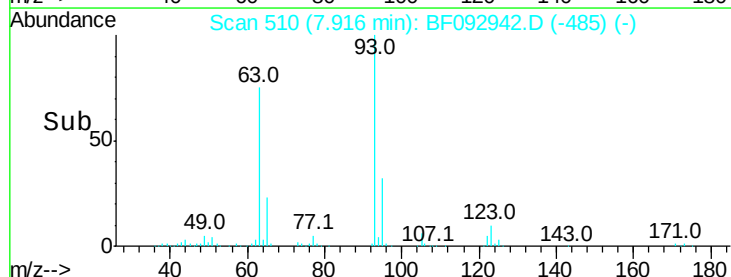
123 9.9 8.6 13.0

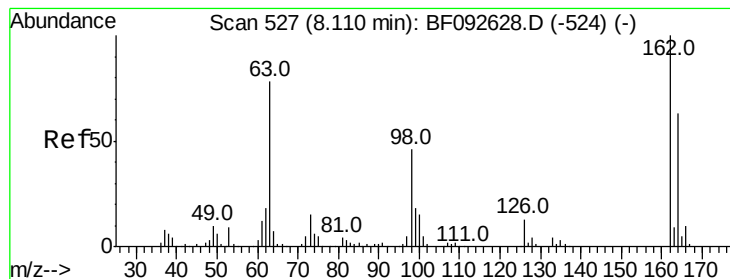


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.18 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

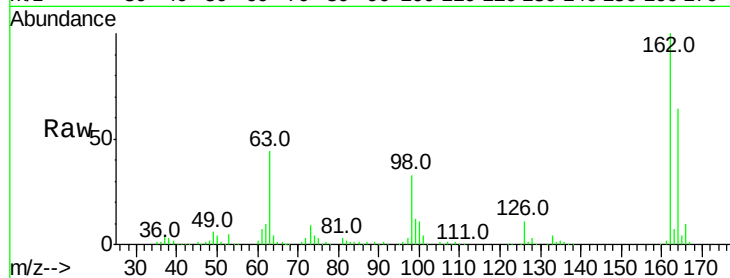
Tot Ion:162 Resp: 376568

Ion Ratio Lower Upper

162 100

164 64.3 46.8 86.8

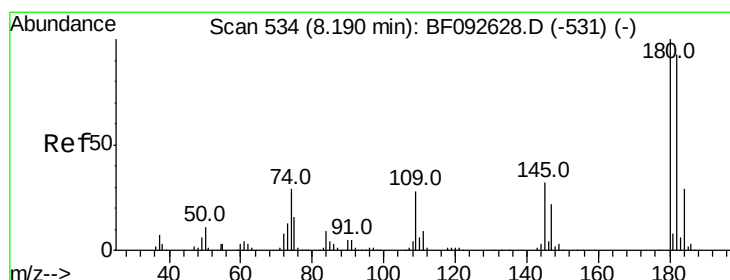
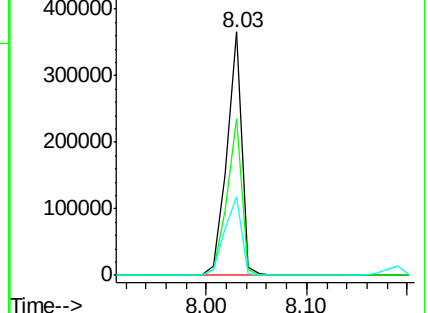
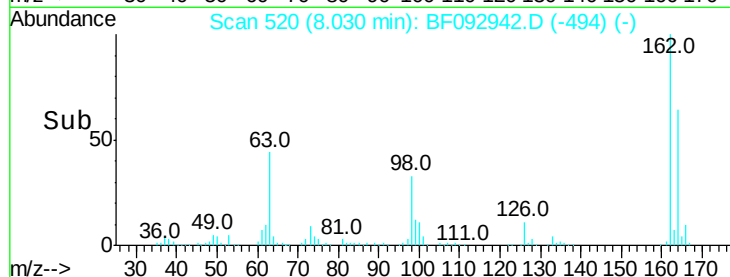
98 32.5 9.1 49.1



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: 42.52 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

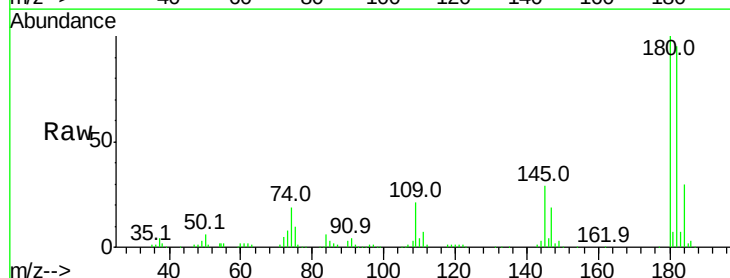
Tgt Ion:180 Resp: 381933

Ion Ratio Lower Upper

180 100

182 95.2 78.2 117.4

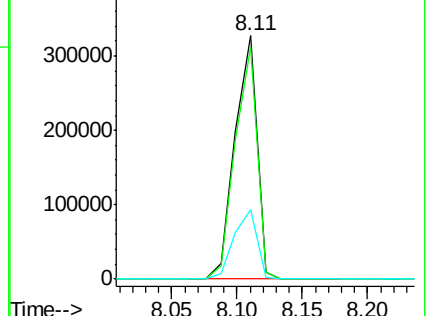
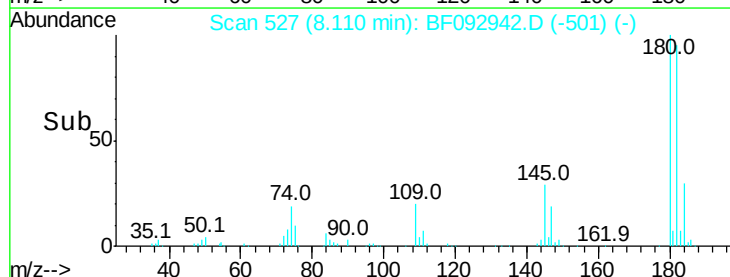
145 28.6 21.6 32.4

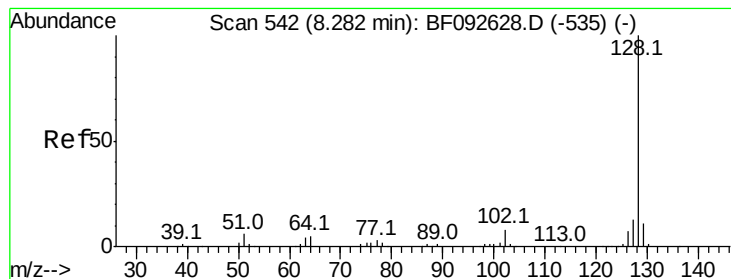


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.49 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

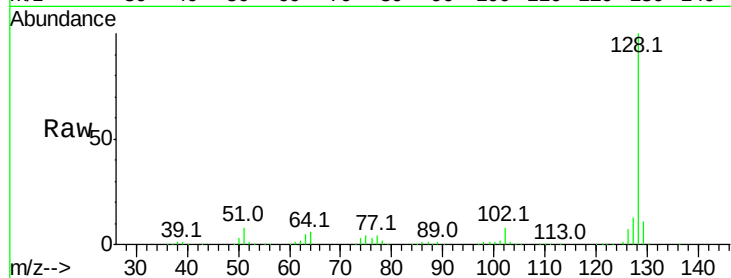
Tot Ion:128 Resp: 1220988

Ion Ratio Lower Upper

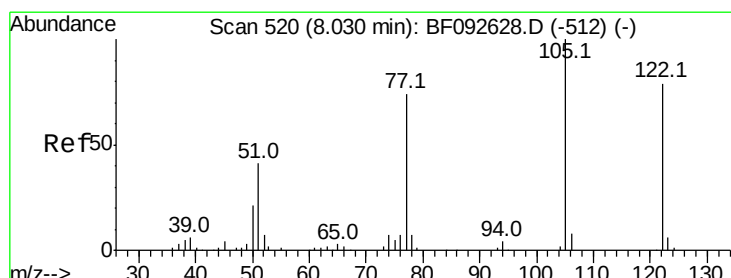
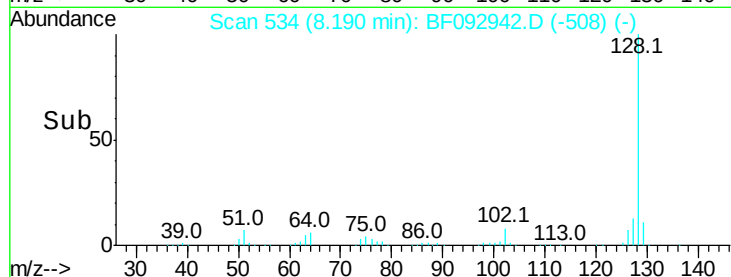
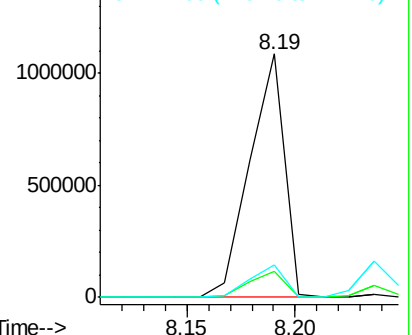
128 100

129 10.9 9.5 14.3

127 13.3 10.8 16.2



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



#32

Benzoic acid

Concen: 38.94 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

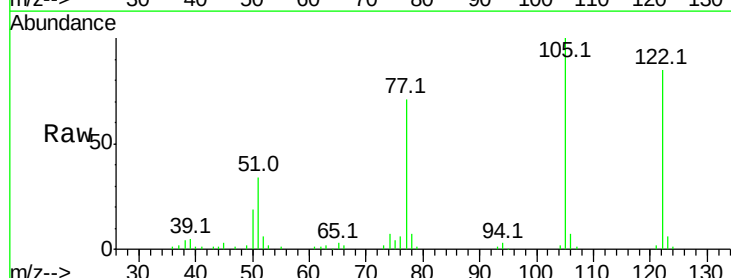
Tgt Ion:122 Resp: 189122

Ion Ratio Lower Upper

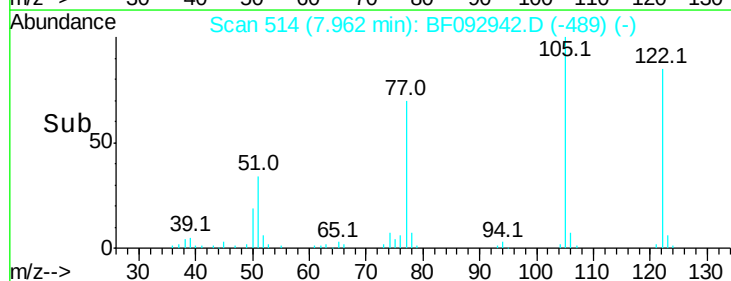
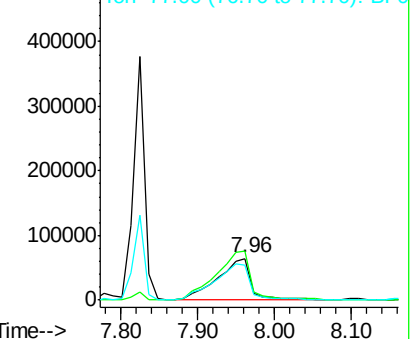
122 100

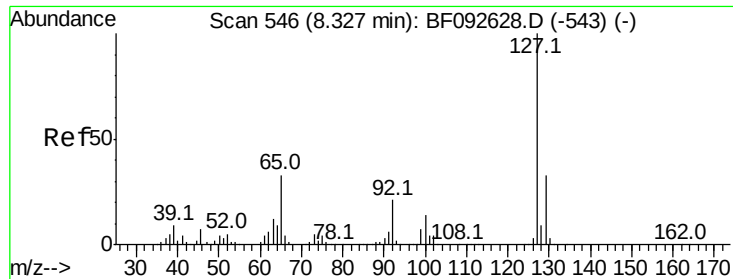
105 118.0 107.2 147.2

77 83.6 74.5 114.5



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

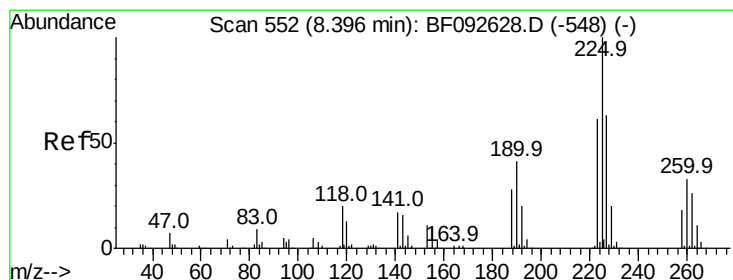
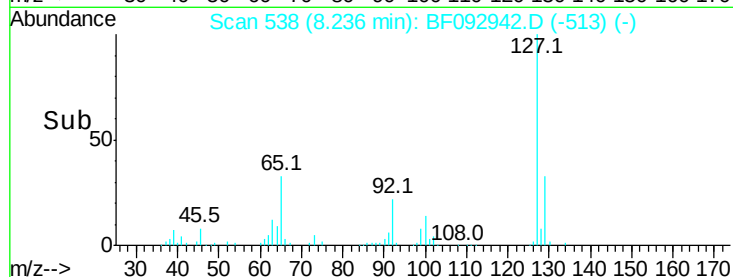
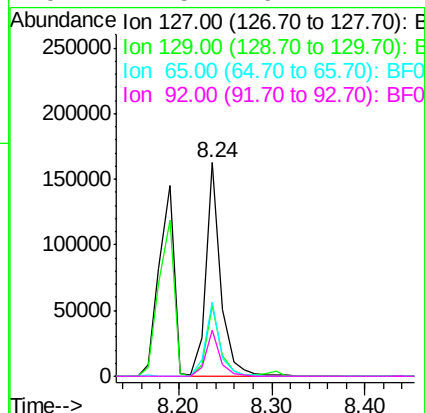
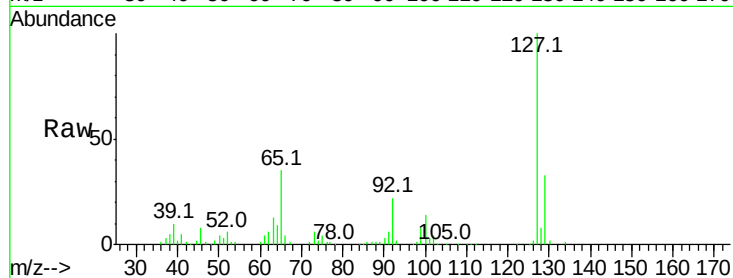




#33
4-Chloroaniline
Concen: 15.74 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

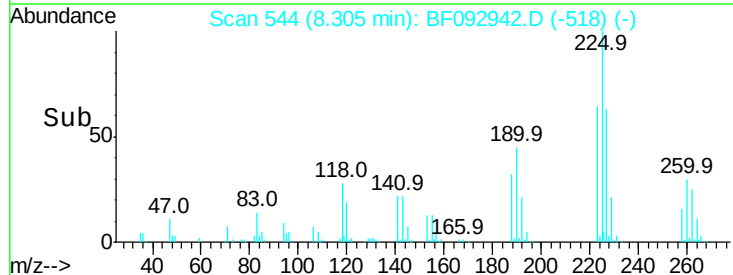
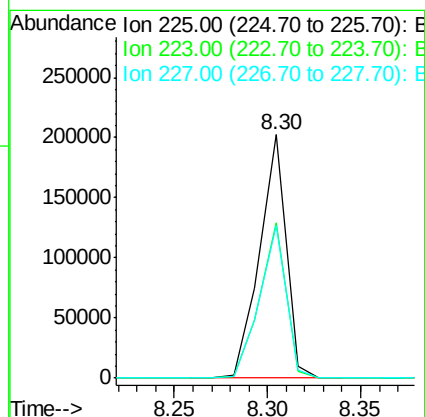
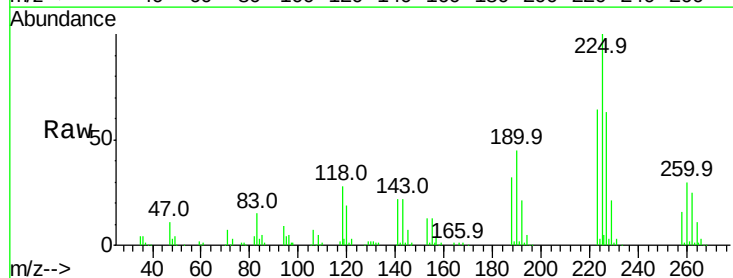
Instrument :
BNA_F
ClientSampled :

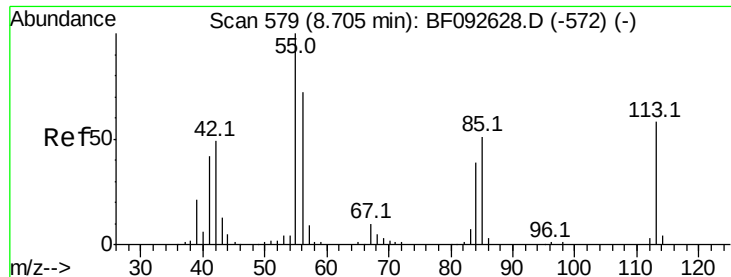
Tot Ion:	127	Resp:	181652
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	34.5	25.8	38.8
92	21.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.21 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:	225	Resp:	198713
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	63.0	50.6	76.0

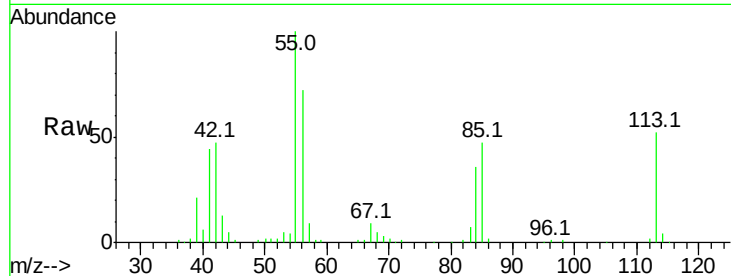




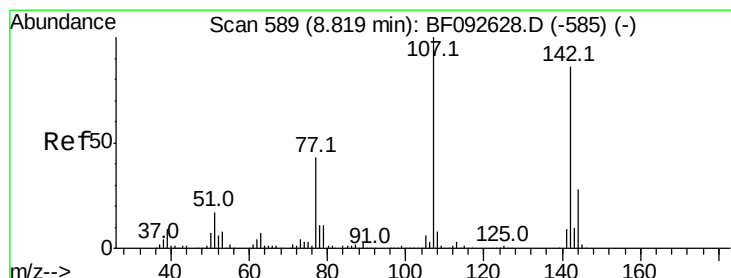
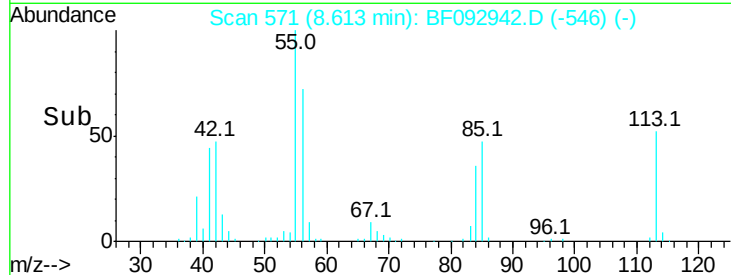
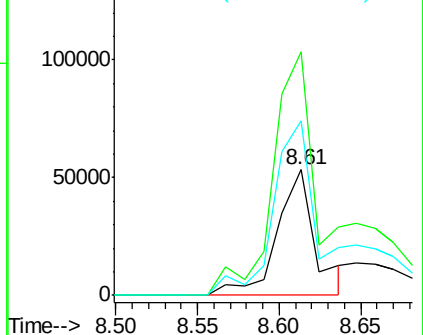
#35
 Caprolactam
 Concen: 32.93 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 86333
 Ion Ratio Lower Upper
 113 100
 55 194.0 119.2 159.2#
 56 139.5 83.8 123.8#

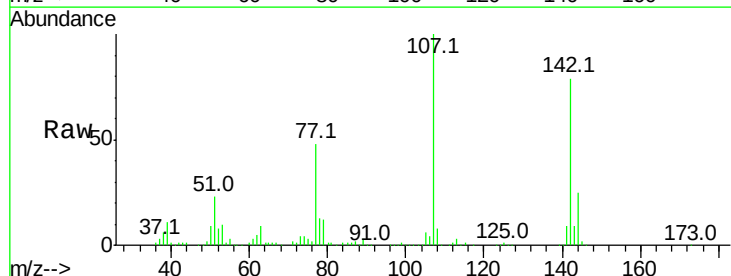


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

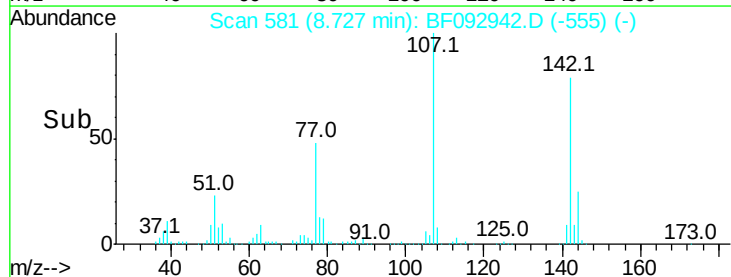
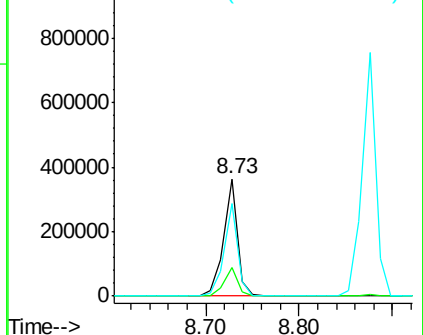


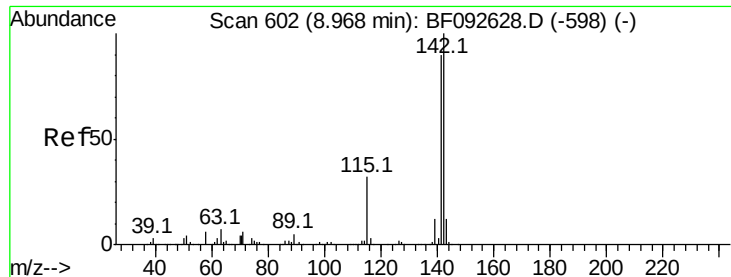
#36
 4-Chloro-3-methylphenol
 Concen: 42.94 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:107 Resp: 373170
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 78.5 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 40.76 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

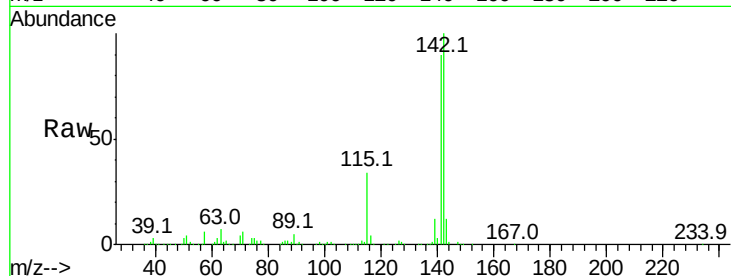
Tot Ion:142 Resp: 770305

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

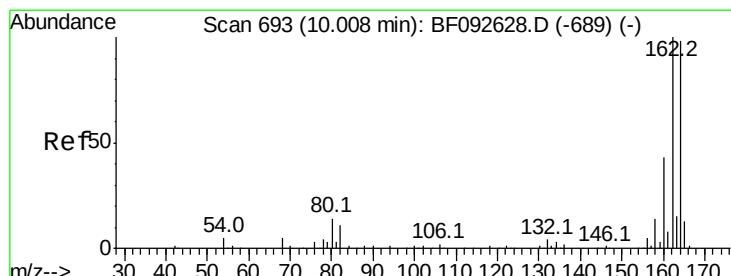
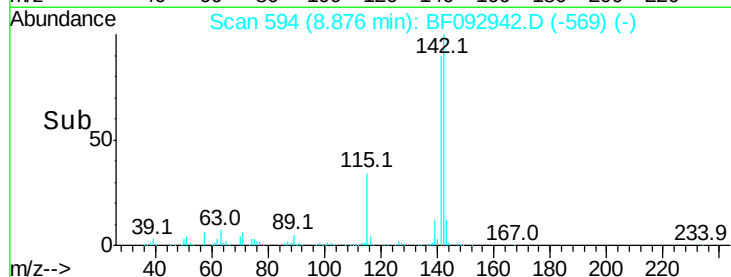
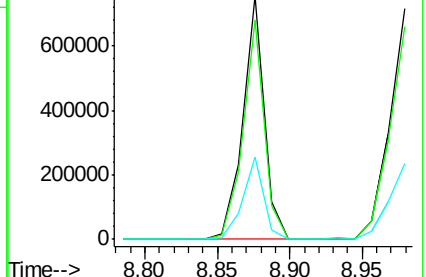
115 33.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

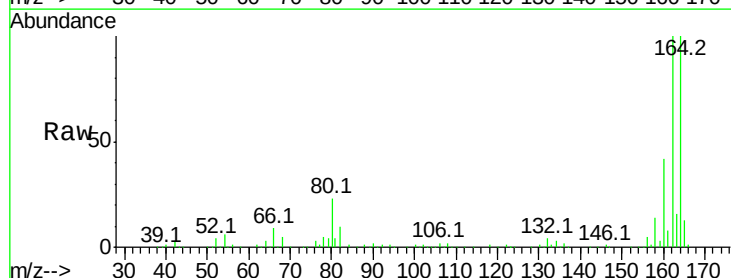
Tgt Ion:164 Resp: 313779

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

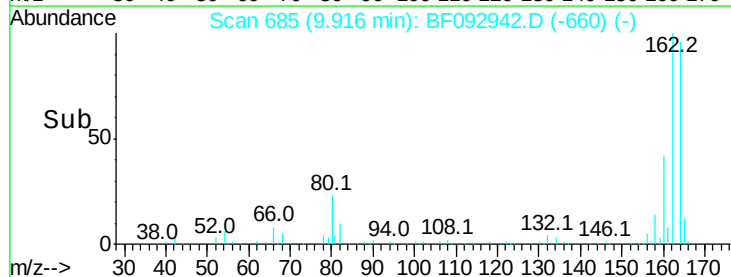
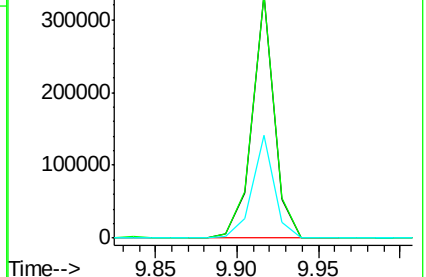
160 42.4 36.9 55.3

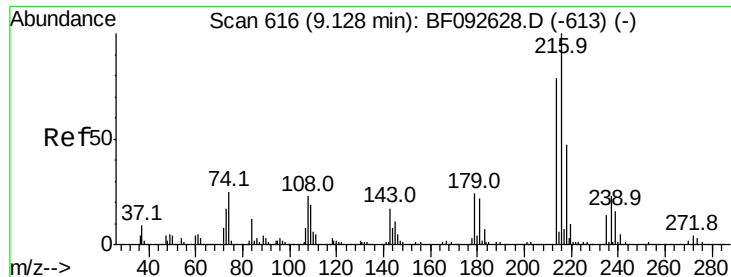


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

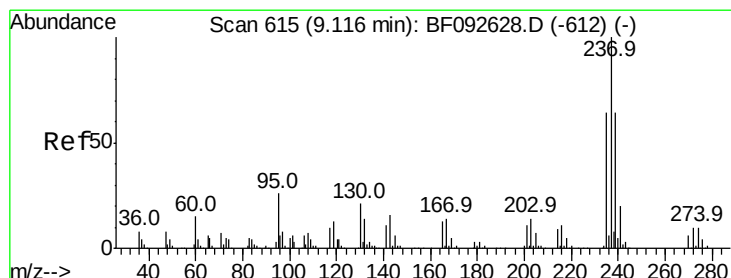
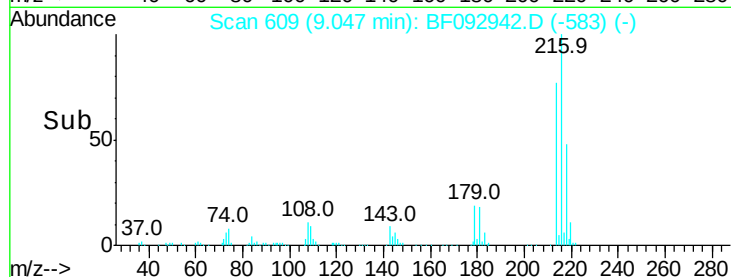
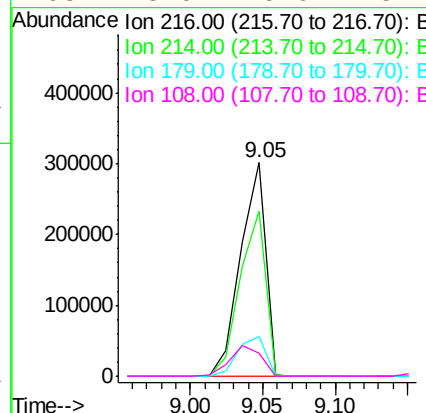
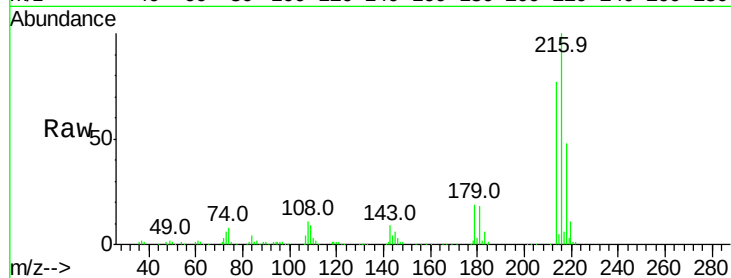




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.22 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

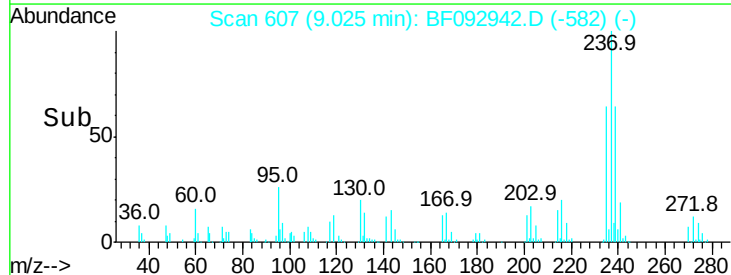
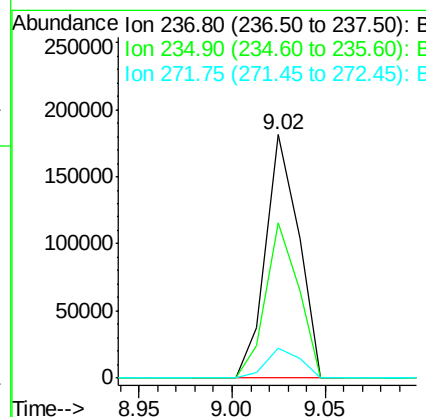
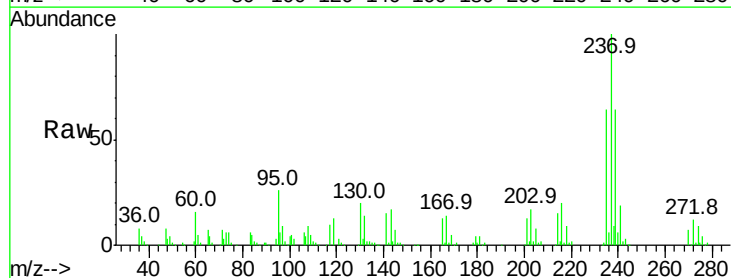
Instrument :
 BNA_F
 ClientSampleId :

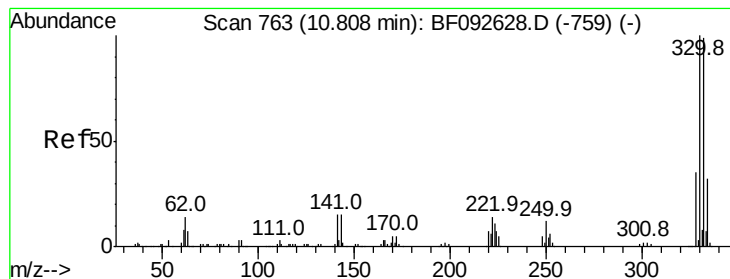
Tot Ion:	216	Resp:	363024
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	20.7	17.4	26.2
108	18.0	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 55.87 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:	237	Resp:	222026
Ion	Ratio	Lower	Upper
237	100		
235	64.0	41.2	81.2
272	12.1	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 129.65 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

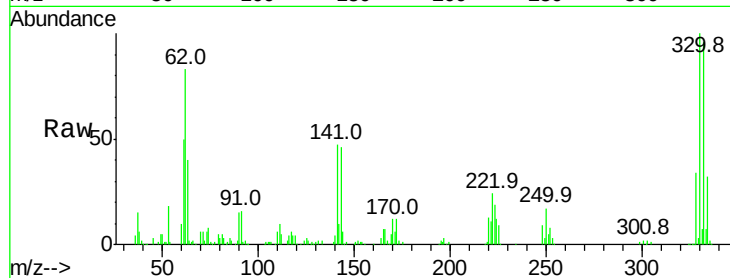
Tot Ion:330 Resp: 294225

Ion Ratio Lower Upper

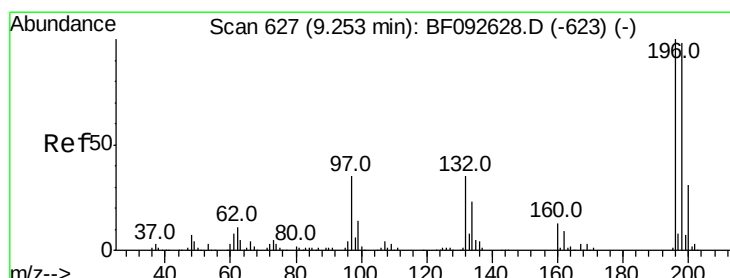
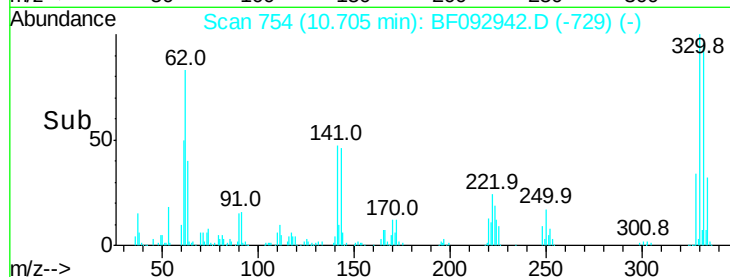
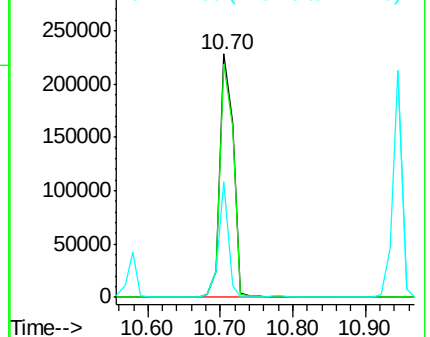
330 100

332 96.9 77.4 116.2

141 34.6 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: 45.06 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

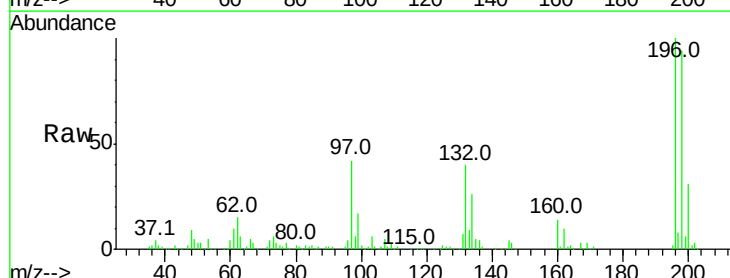
Tgt Ion:196 Resp: 260791

Ion Ratio Lower Upper

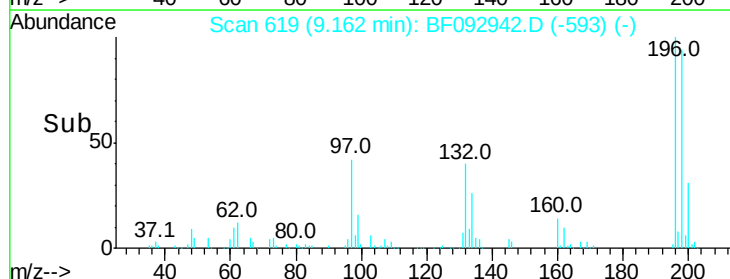
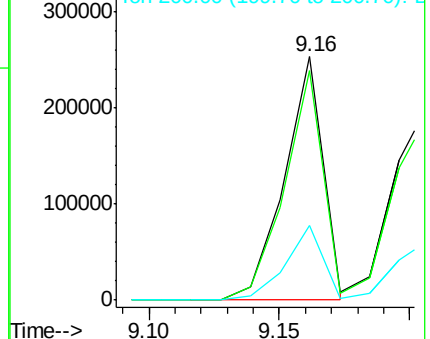
196 100

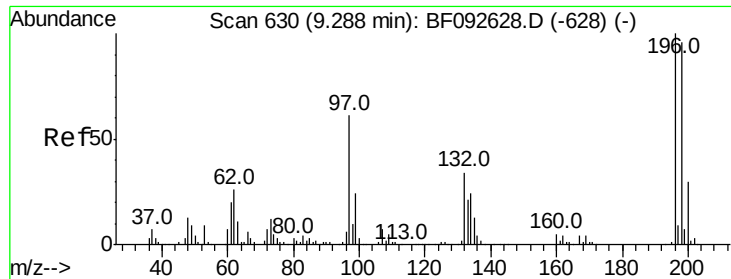
198 94.2 82.1 123.1

200 30.6 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

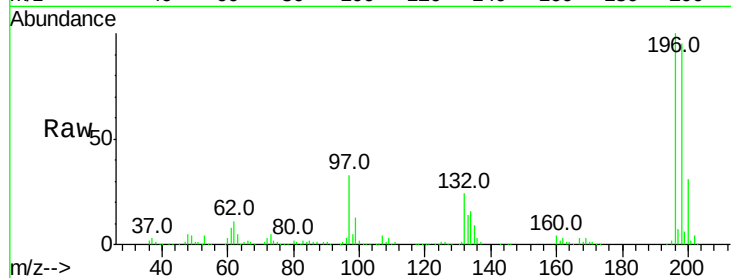




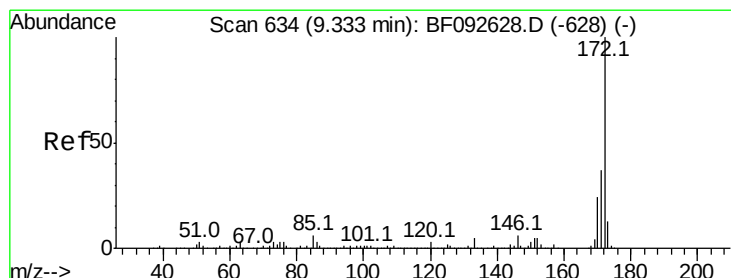
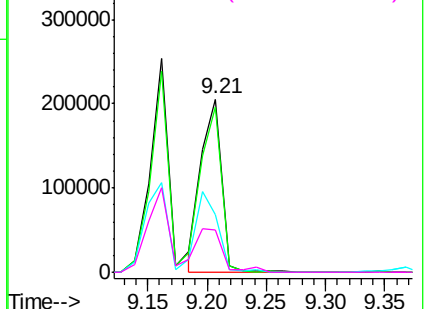
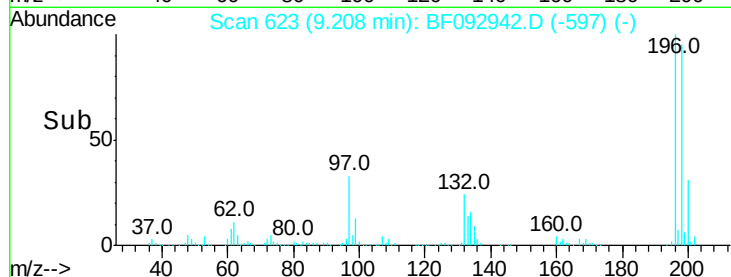
#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 249940
 Ion Ratio Lower Upper
 196 100
 198 95.4 79.4 119.2
 97 33.0 51.5 77.3#
 132 24.2 27.4 41.2#

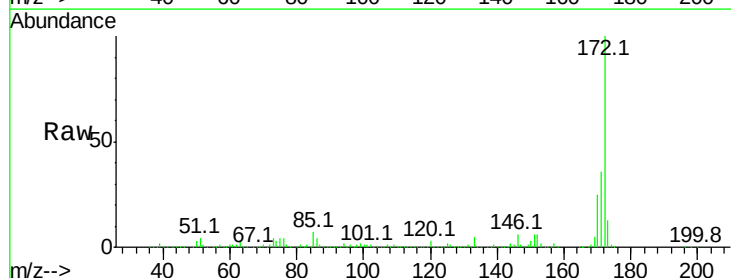


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

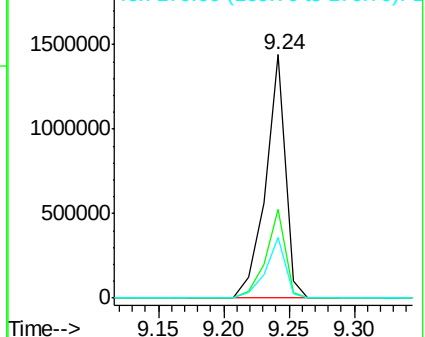
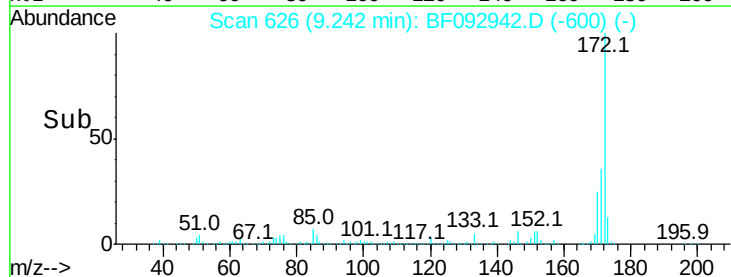


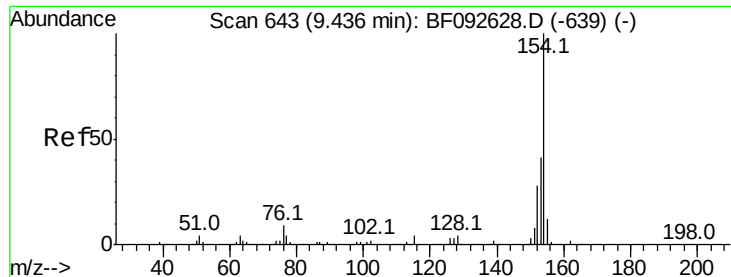
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:172 Resp: 1529205
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.6 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 43.81 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

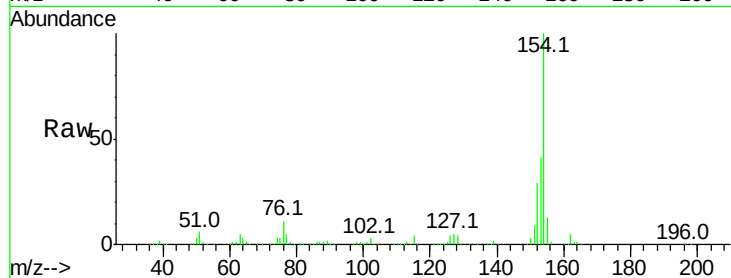
Tot Ion:154 Resp: 995432

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

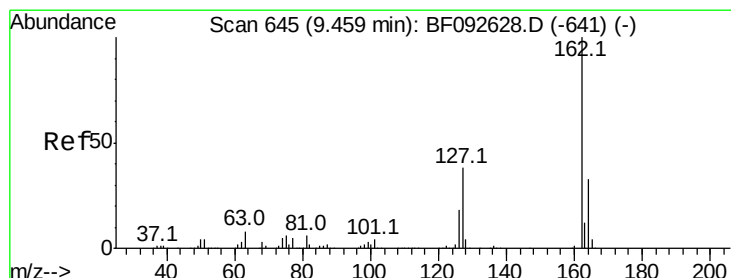
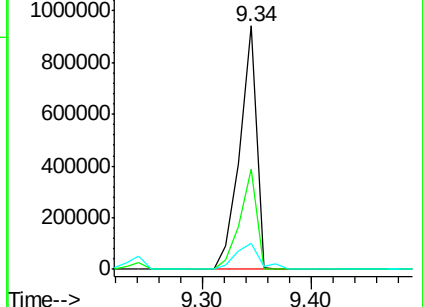
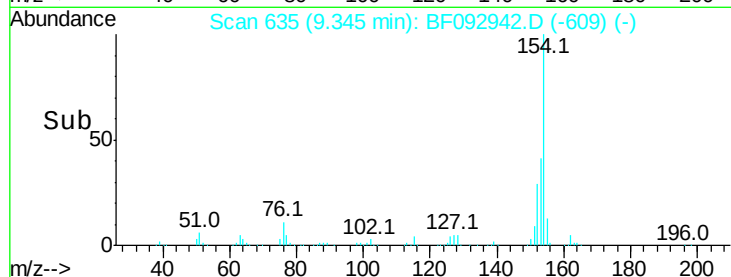
76 10.9 0.0 30.5



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: 44.56 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

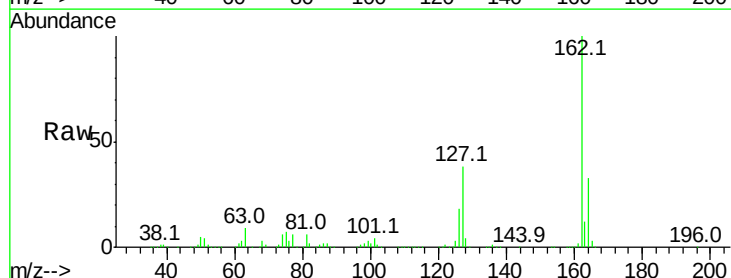
Tgt Ion:162 Resp: 792098

Ion Ratio Lower Upper

162 100

127 38.2 30.7 46.1

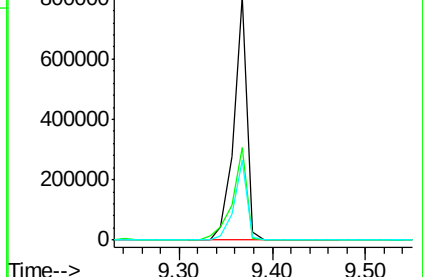
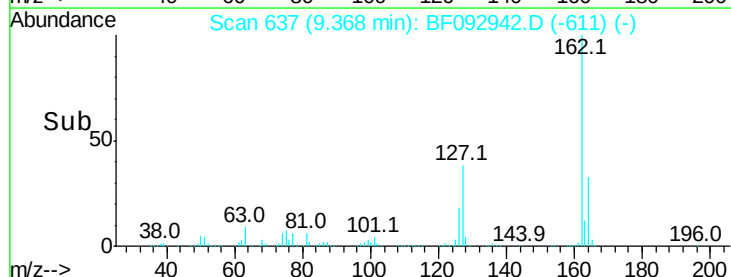
164 32.7 27.6 41.4

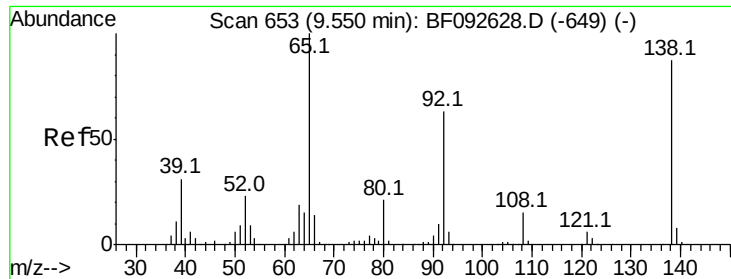


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

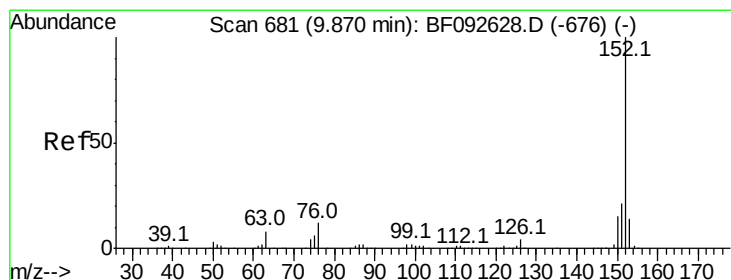
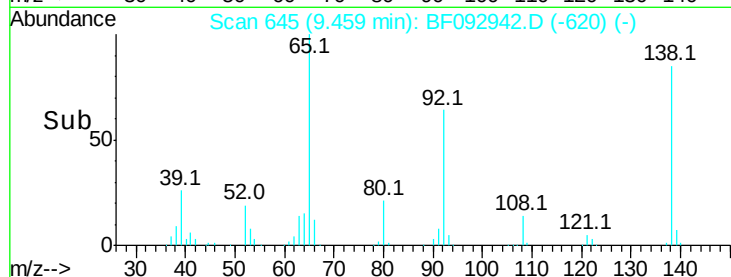
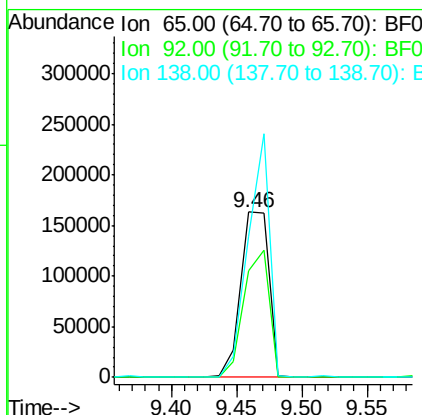
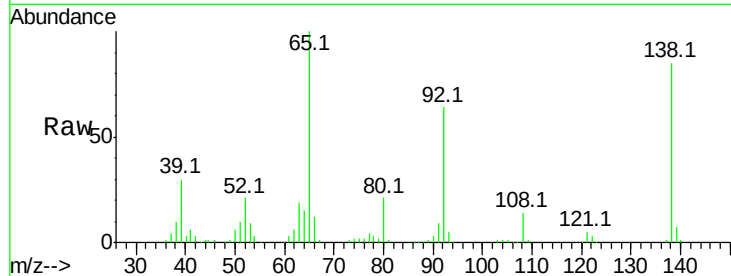




#47
2-Nitroaniline
Concen: 40.82 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

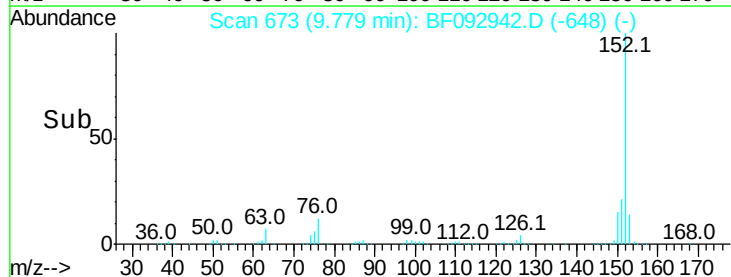
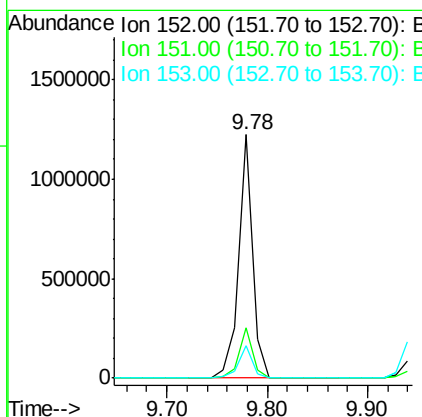
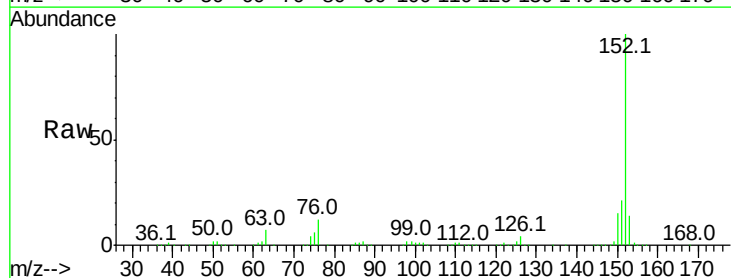
Instrument :
BNA_F
ClientSampleId :

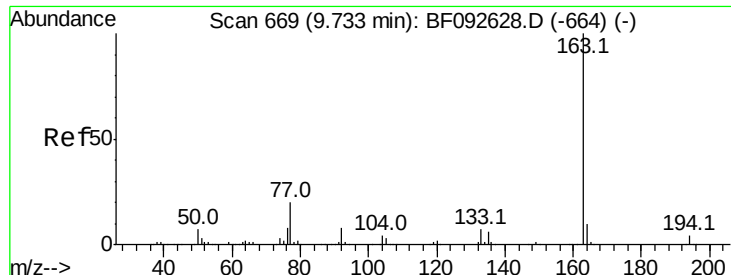
Tot Ion: 65 Resp: 243921
Ion Ratio Lower Upper
65 100
92 64.4 53.9 80.9
138 85.2 76.8 115.2



#48
Acenaphthylene
Concen: 38.33 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:152 Resp: 1176969
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.5 11.4 17.2

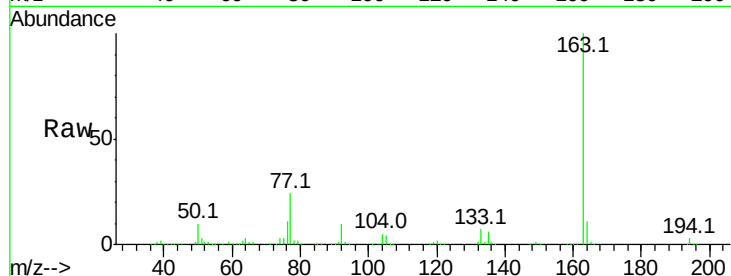




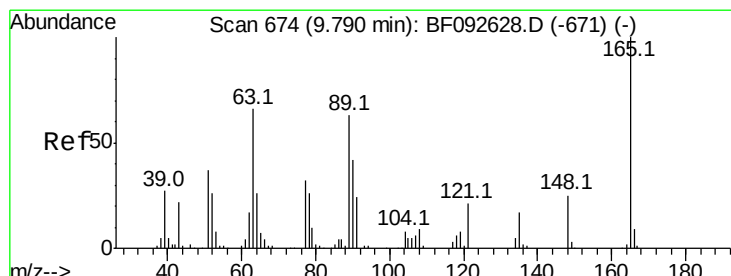
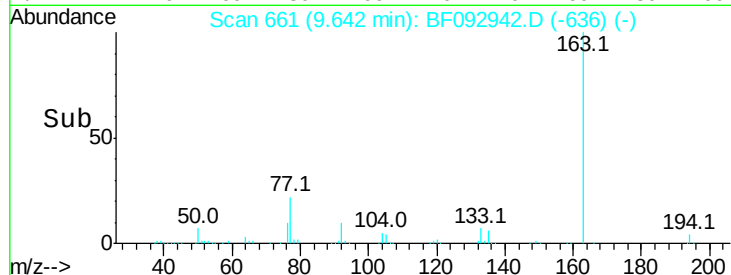
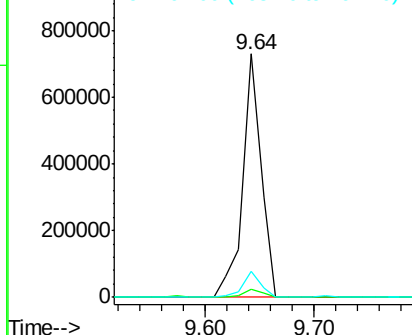
#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 849066
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.8 8.0 12.0

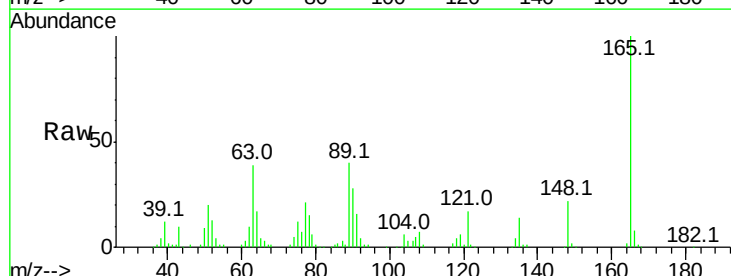


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

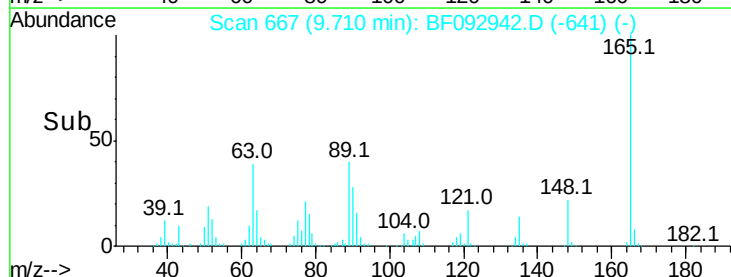
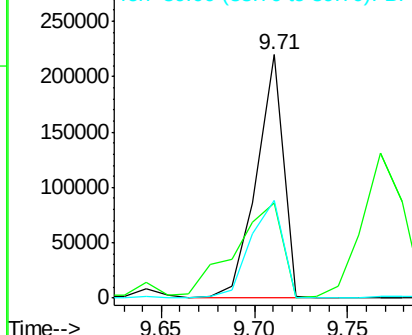


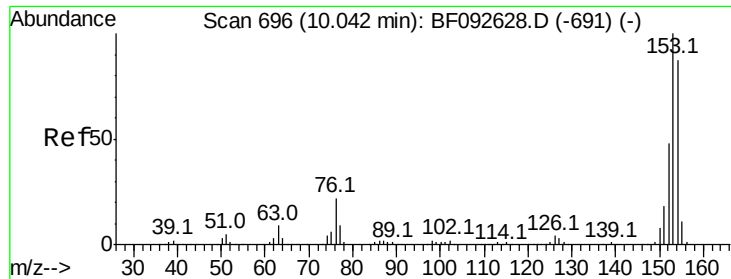
#50
2,6-Dinitrotoluene
Concen: 47.94 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:165 Resp: 218819
Ion Ratio Lower Upper
165 100
63 39.1 36.2 54.4
89 40.1 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

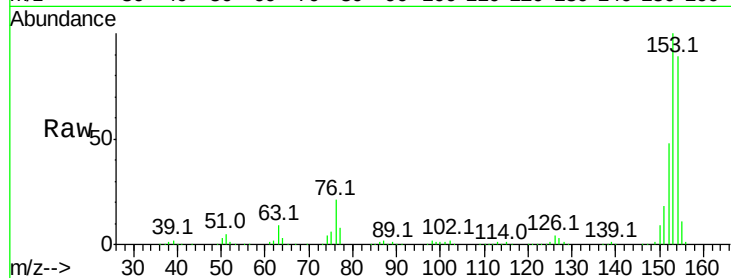
Tot Ion:154 Resp: 687699

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

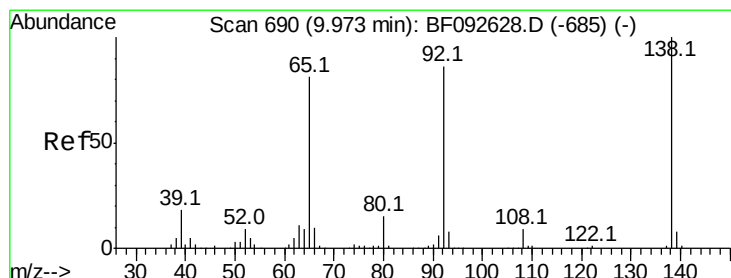
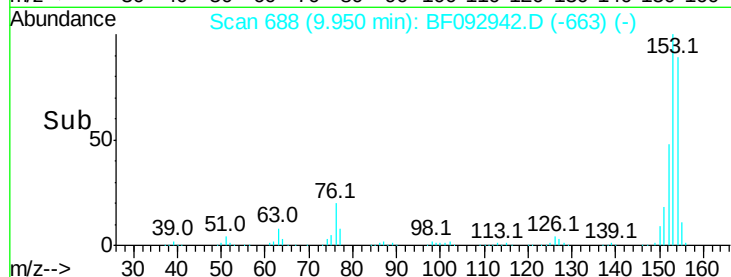
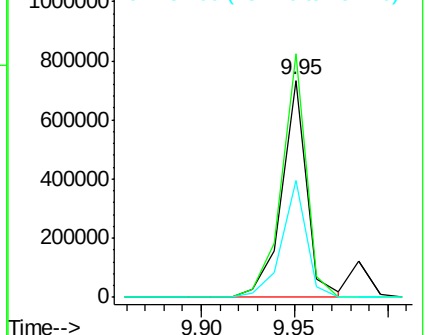
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.26 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

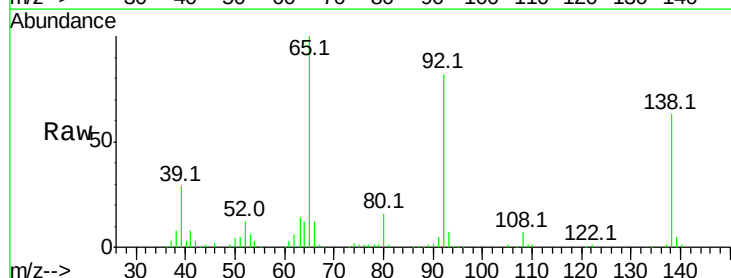
Tgt Ion:138 Resp: 121514

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

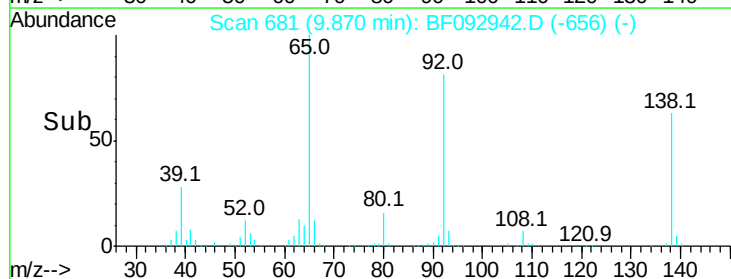
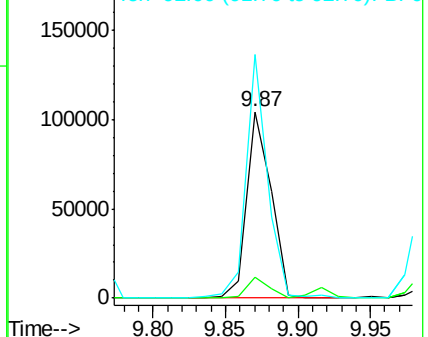
92 130.5 97.8 146.8

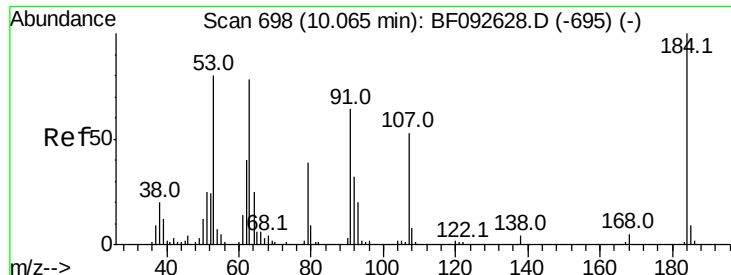


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

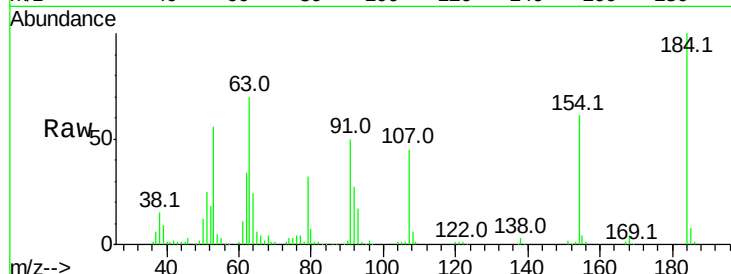




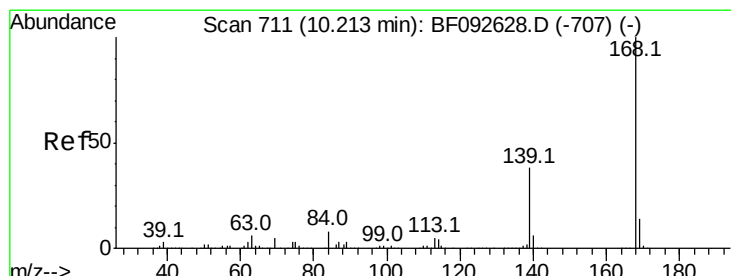
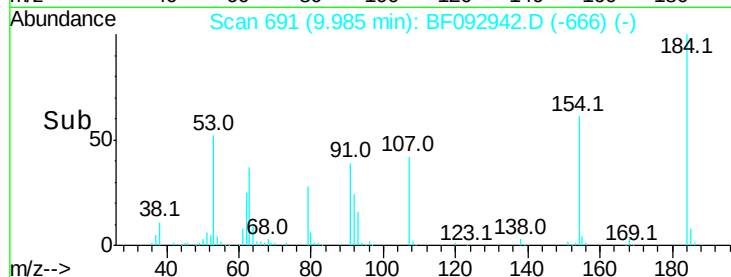
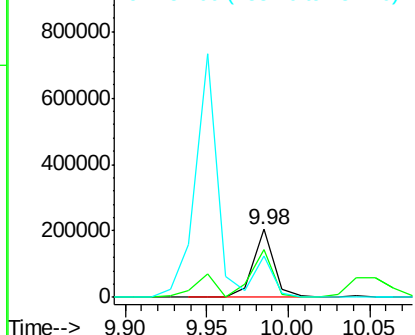
#53
 2,4-Dinitrophenol
 Concen: 79.06 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 183438
 Ion Ratio Lower Upper
 184 100
 63 70.2 28.4 42.6#
 154 60.6 44.3 66.5

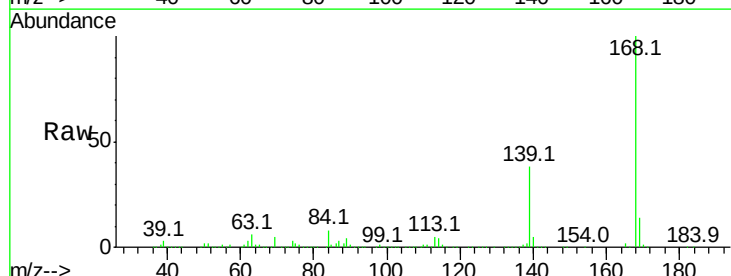


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

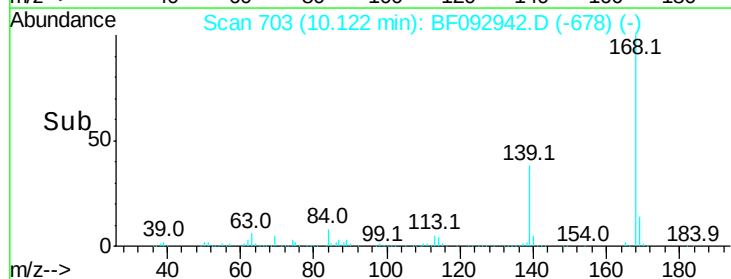
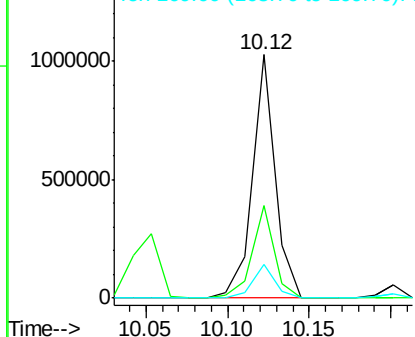


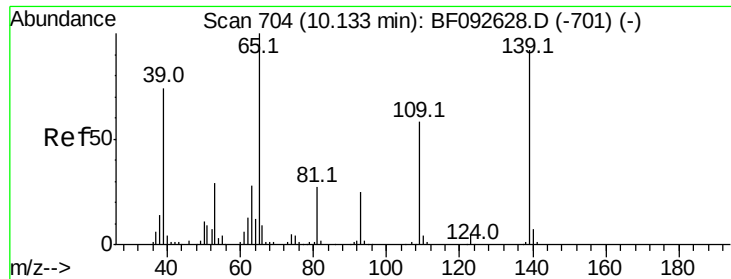
#54
 Dibenzofuran
 Concen: 40.69 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:168 Resp: 999096
 Ion Ratio Lower Upper
 168 100
 139 38.3 32.6 49.0
 169 13.8 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

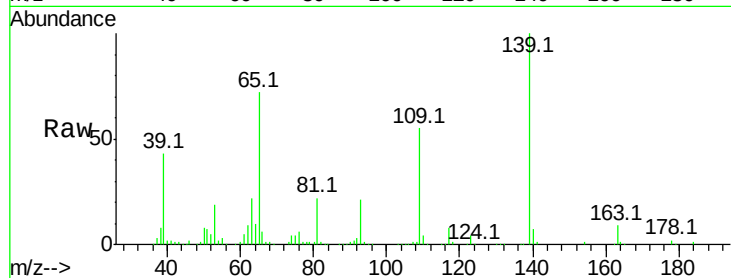




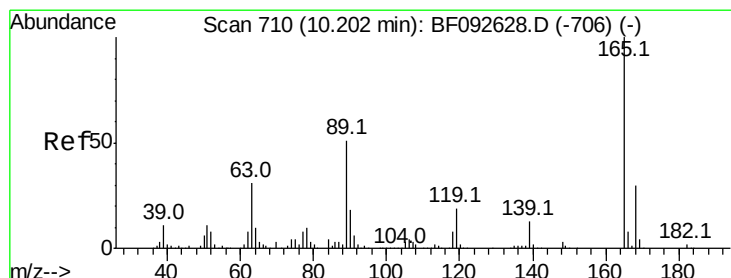
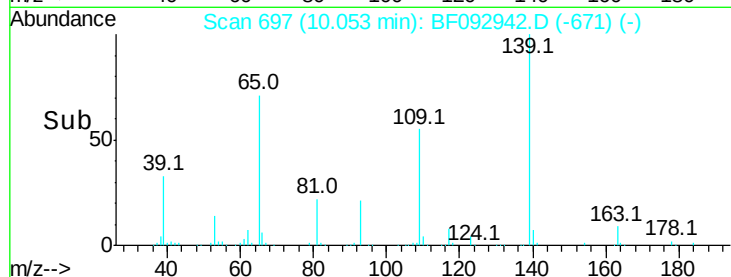
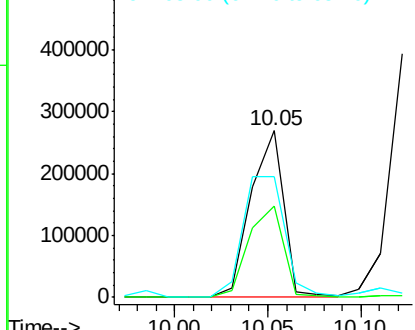
#55
4-Nitrophenol
Concen: 86.99 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 327259
Ion Ratio Lower Upper
139 100
109 54.8 52.2 92.2
65 72.4 85.8 125.8#

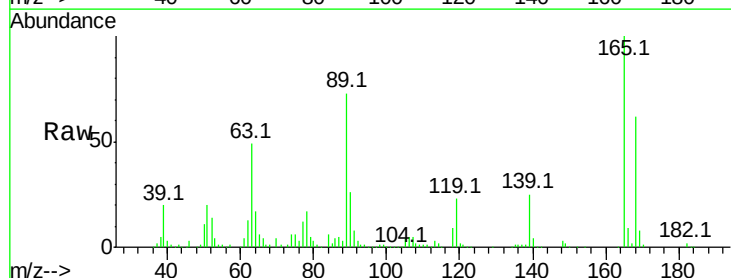


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

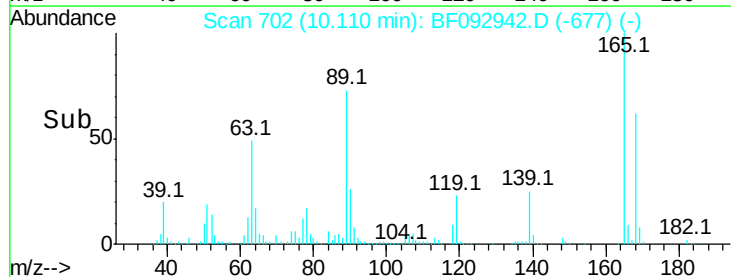
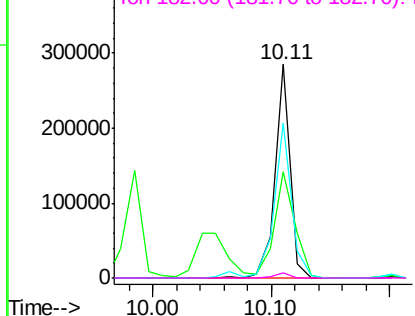


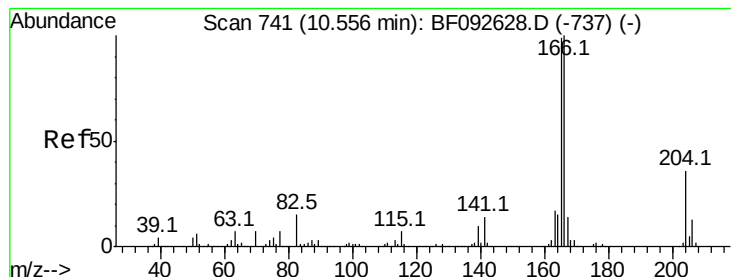
#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:165 Resp: 252273
Ion Ratio Lower Upper
165 100
63 49.5 40.2 60.4
89 72.8 62.5 93.7
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.00 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

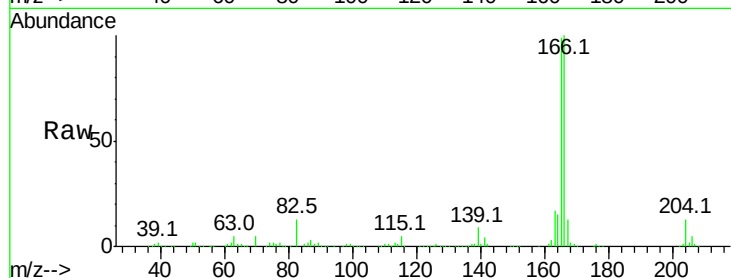
Tot Ion:166 Resp: 793495

Ion Ratio Lower Upper

166 100

165 99.0 77.8 116.8

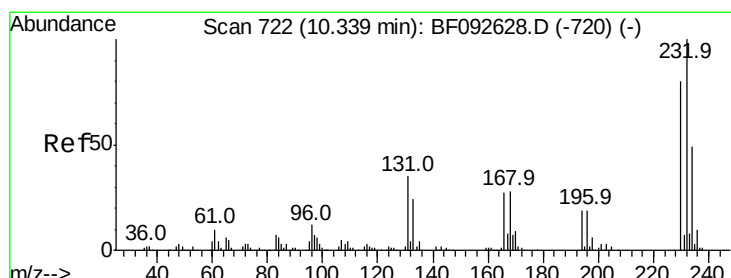
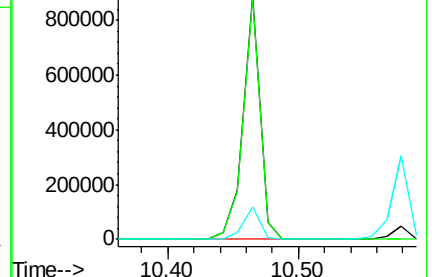
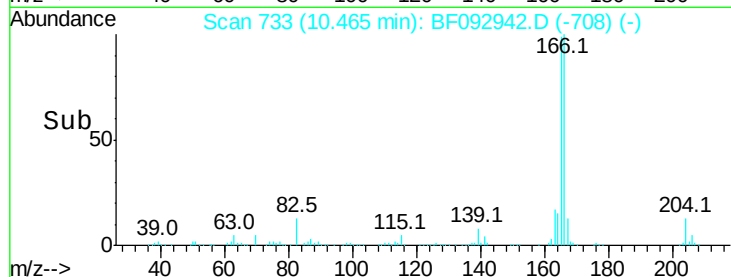
167 13.4 10.8 16.2



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: 49.08 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:232 Resp: 207606

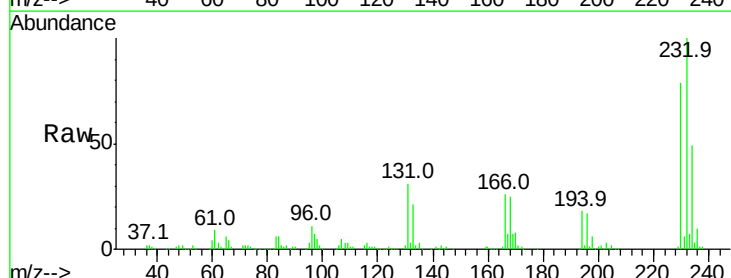
Ion Ratio Lower Upper

232 100

131 45.2 40.1 60.1

130 2.2 1.8 2.8

166 30.8 26.6 39.8

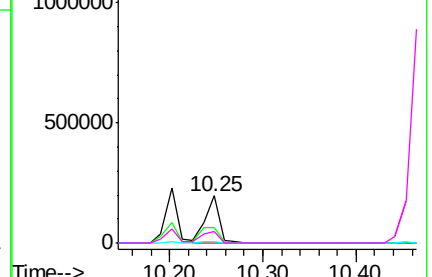
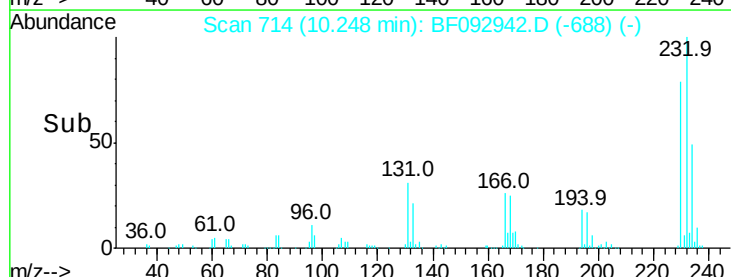


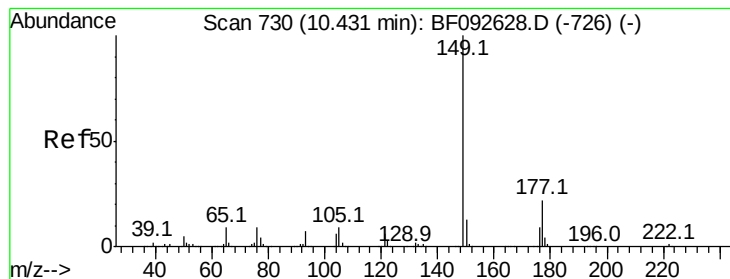
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.19 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

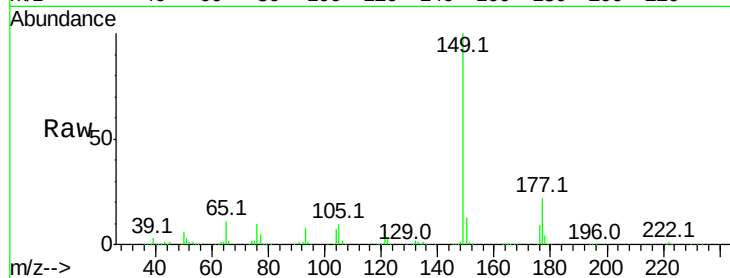
Tot Ion:149 Resp: 820330

Ion Ratio Lower Upper

149 100

177 21.6 16.6 25.0

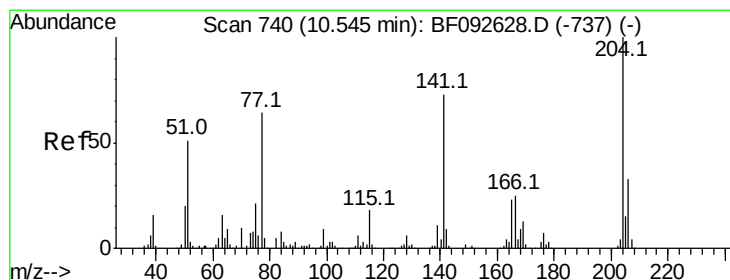
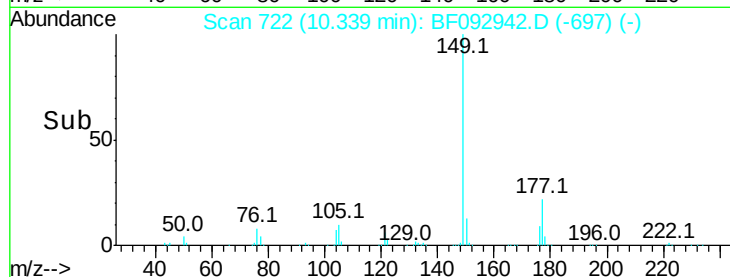
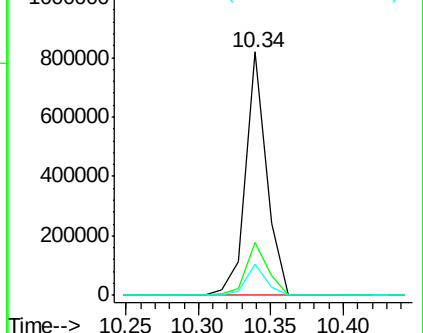
150 12.6 10.4 15.6



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: 37.53 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

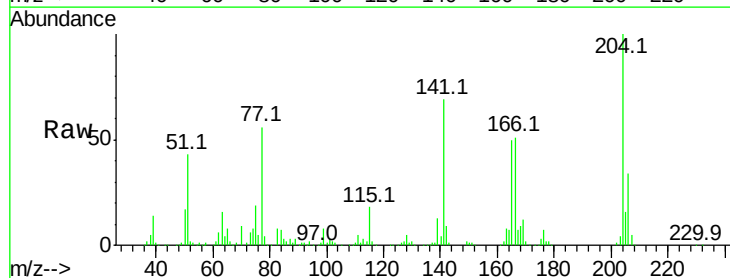
Tgt Ion:204 Resp: 340581

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

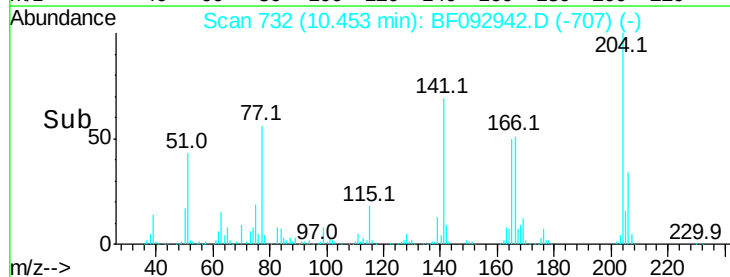
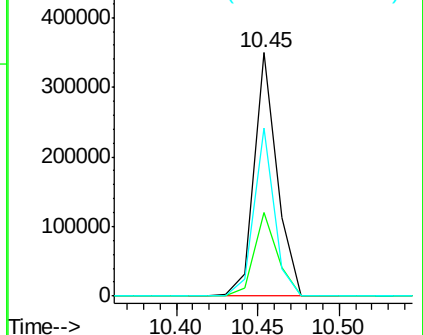
141 69.2 59.4 89.0

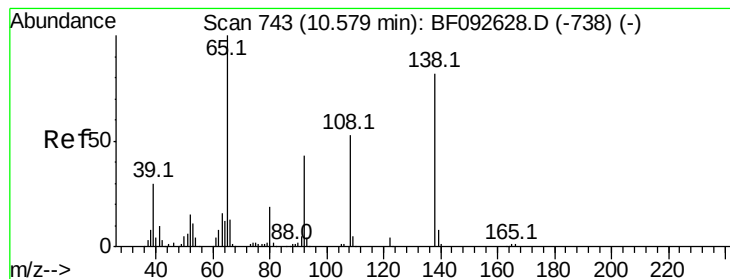


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.35 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

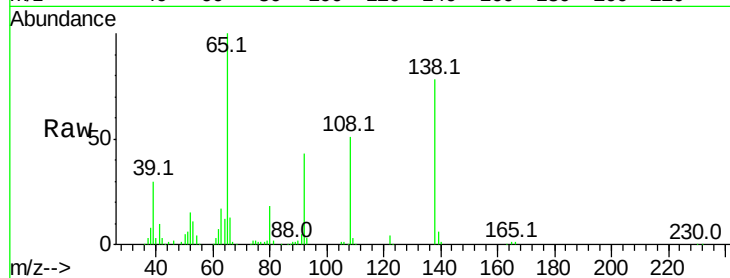
Tot Ion:138 Resp: 194457

Ion Ratio Lower Upper

138 100

92 55.1 31.7 71.7

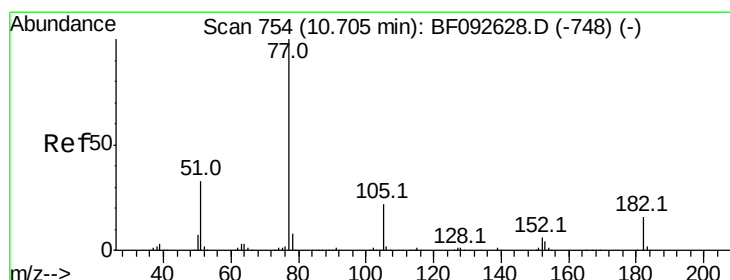
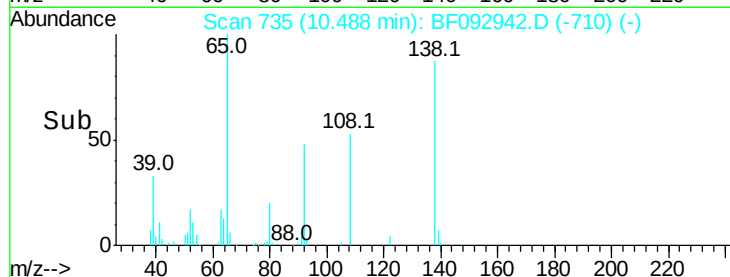
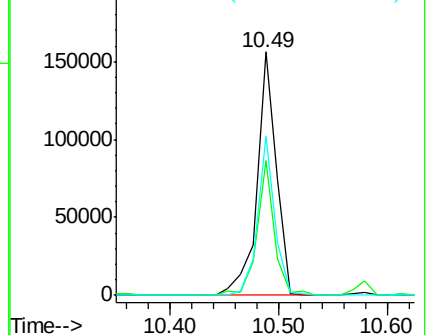
108 65.6 52.6 92.6



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: 45.07 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion: 77 Resp: 927507

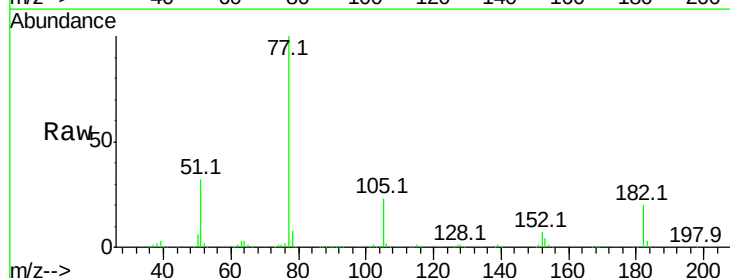
Ion Ratio Lower Upper

77 100

182 19.7 0.0 39.3

105 23.1 2.3 42.3

51 32.1 8.9 48.9

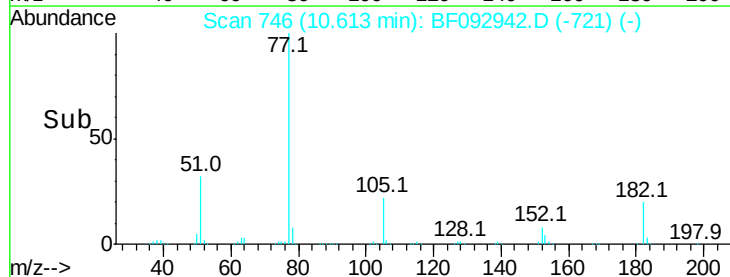
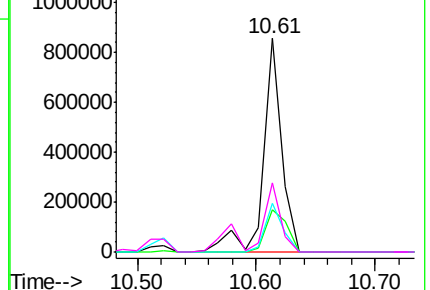


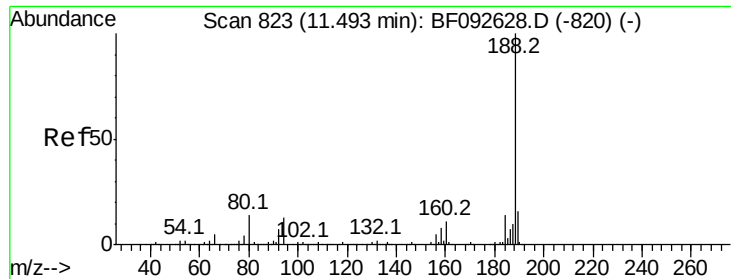
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

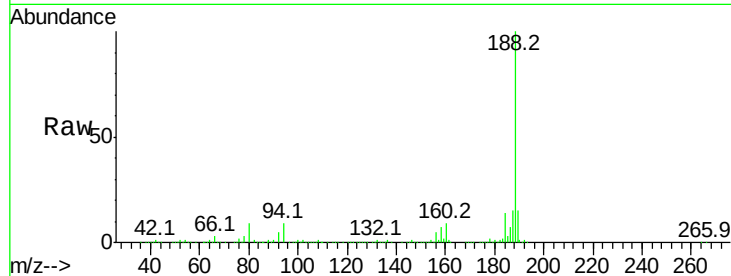
Tot Ion:188 Resp: 525584

Ion Ratio Lower Upper

188 100

94 8.9 10.0 15.0#

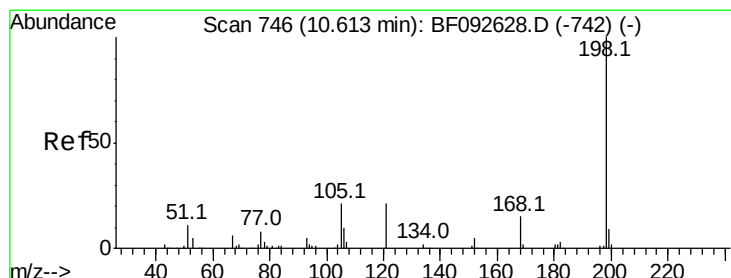
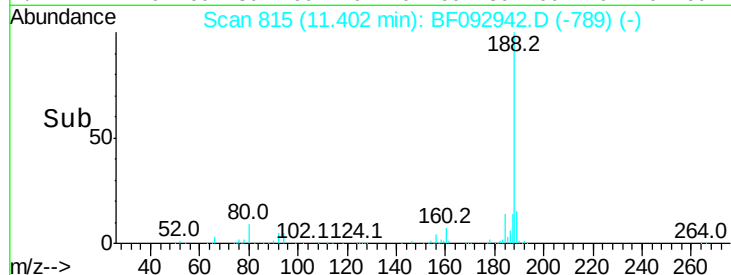
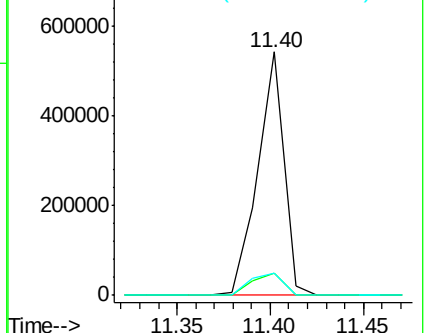
80 9.0 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.16 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

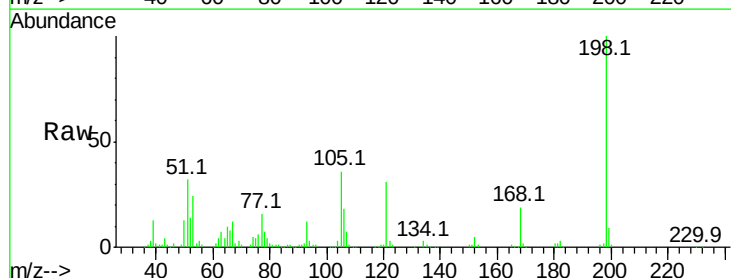
Tgt Ion:198 Resp: 147336

Ion Ratio Lower Upper

198 100

51 32.4 6.7 46.7

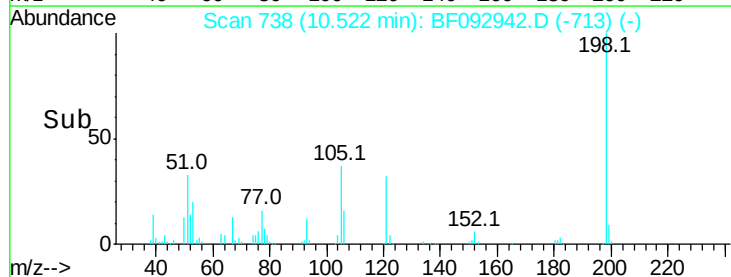
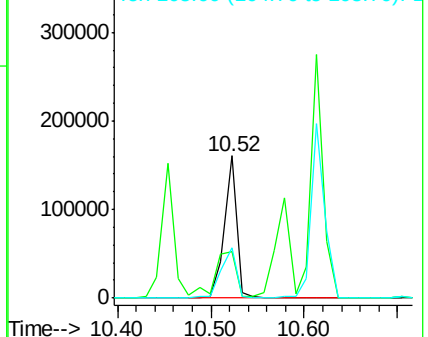
105 35.8 16.6 56.6

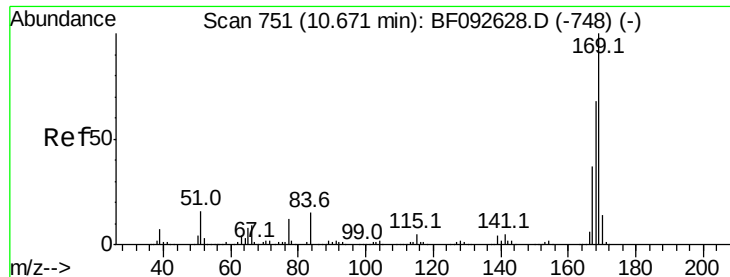


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.47 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

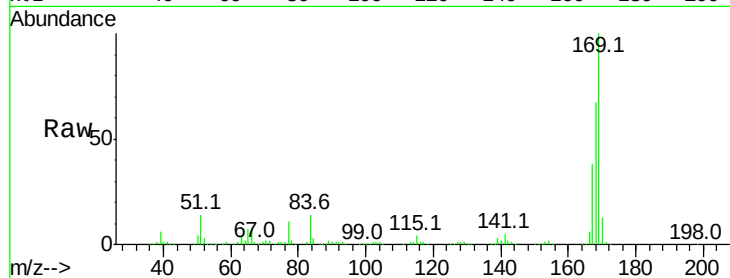
Tot Ion:169 Resp: 729778

Ion Ratio Lower Upper

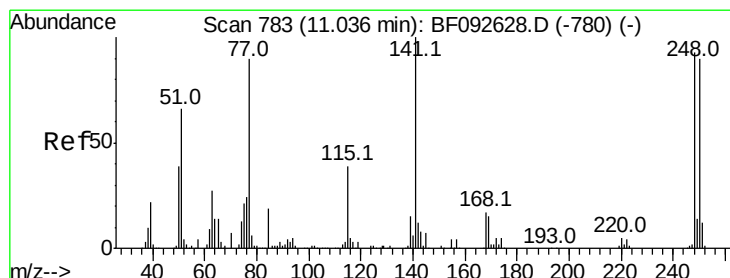
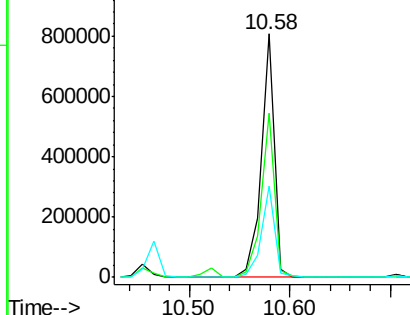
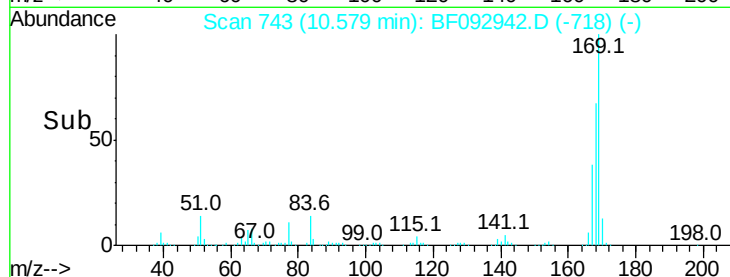
169 100

168 67.3 54.2 81.2

167 37.7 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: 40.83 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

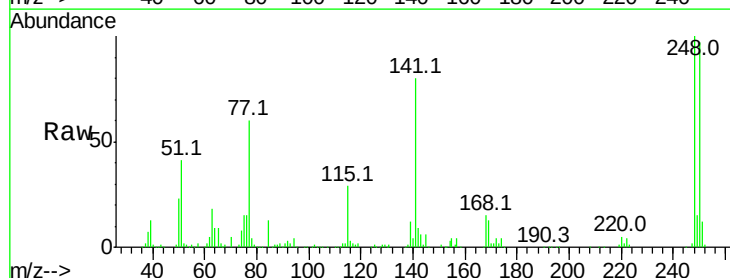
Tgt Ion:248 Resp: 224185

Ion Ratio Lower Upper

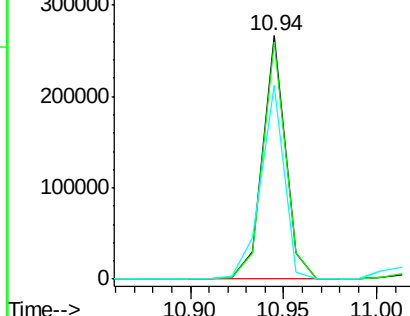
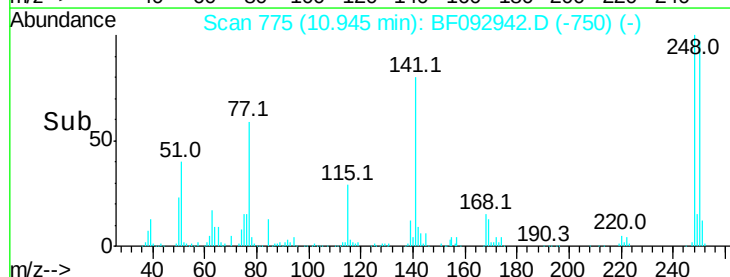
248 100

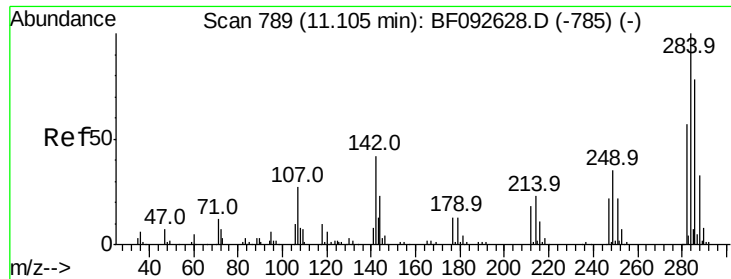
250 97.3 76.9 115.3

141 79.7 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

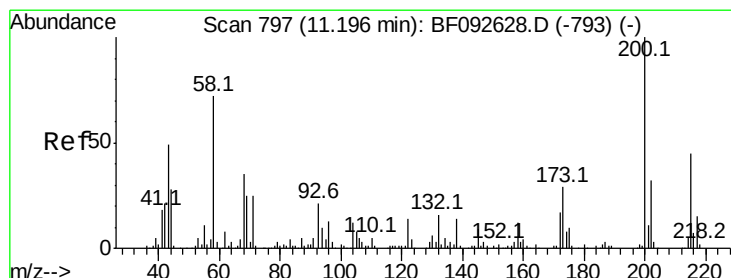
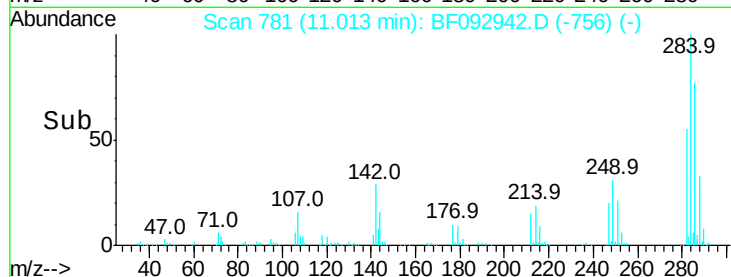
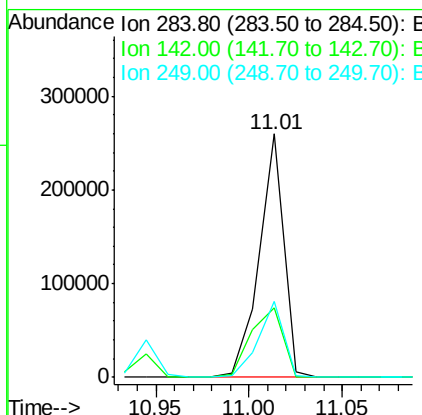
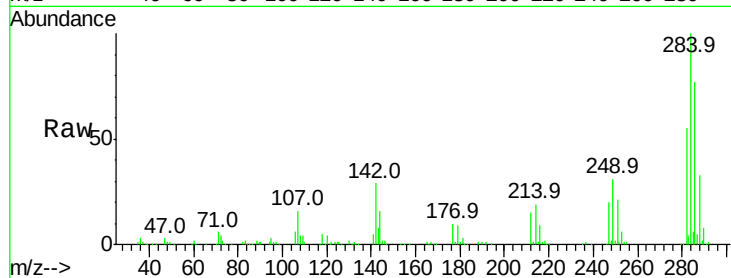




#67
Hexachlorobenzene
Concen: 43.45 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

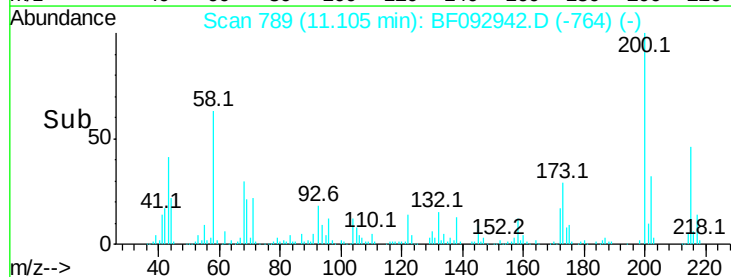
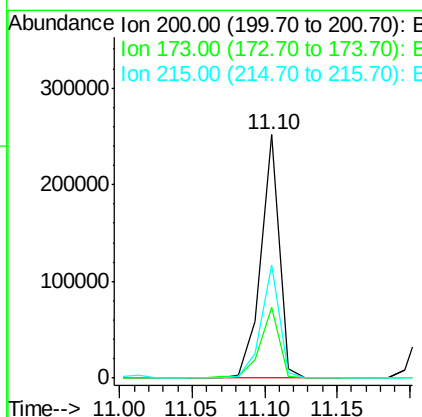
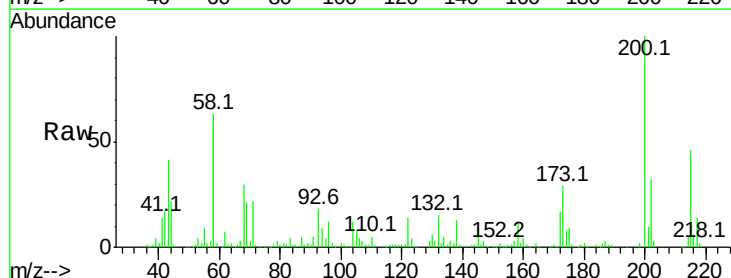
Instrument :
BNA_F
ClientSampleId :

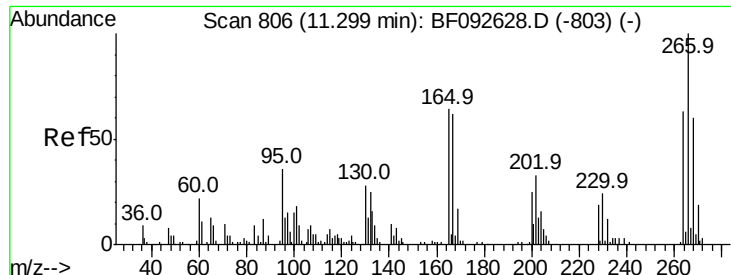
Tot Ion:284 Resp: 235768
Ion Ratio Lower Upper
284 100
142 28.8 22.6 33.8
249 31.2 25.4 38.0



#68
Atrazine
Concen: 41.30 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:200 Resp: 222542
Ion Ratio Lower Upper
200 100
173 29.1 9.6 49.6
215 46.3 25.7 65.7

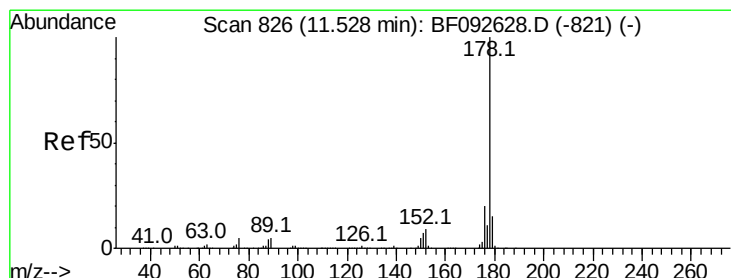
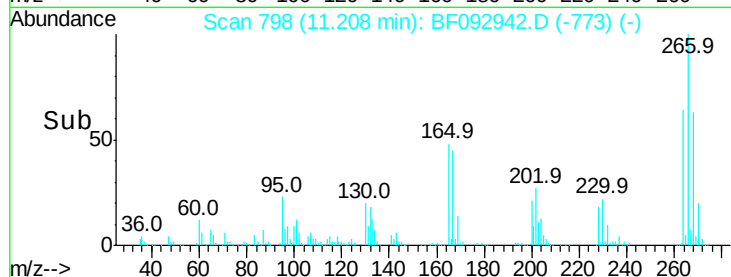
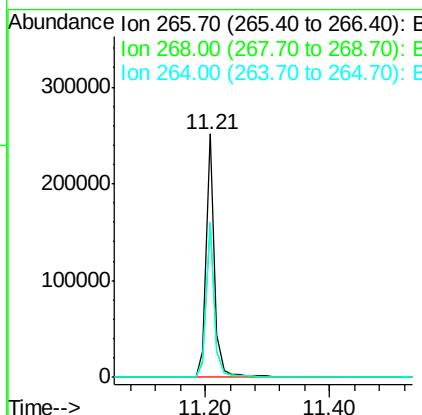
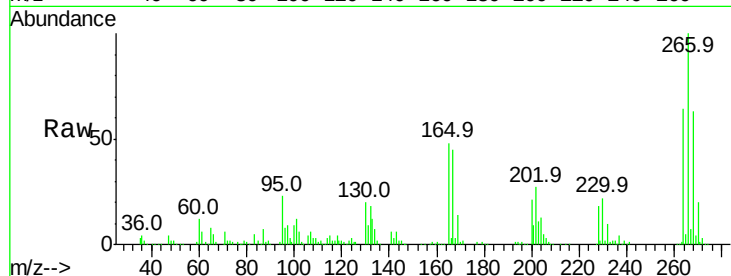




#69
 Pentachlorophenol
 Concen: 84.85 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

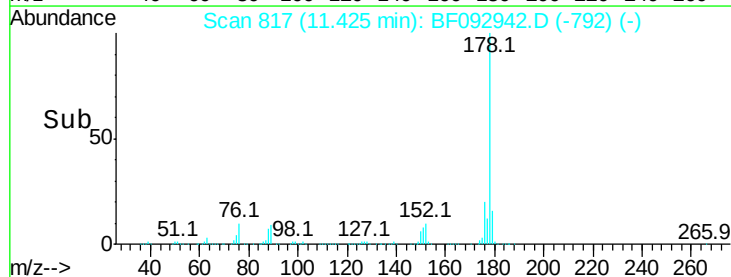
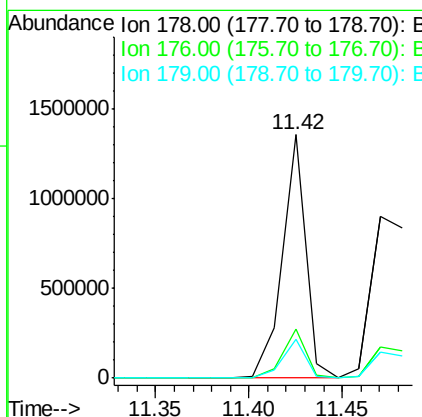
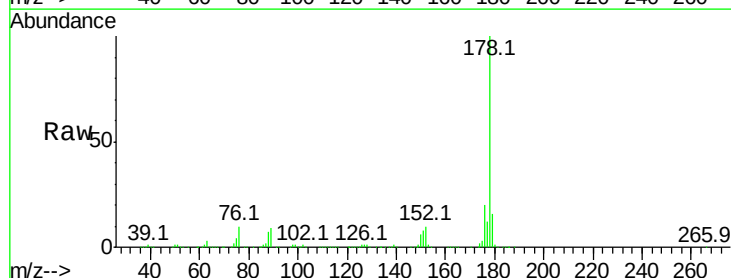
Instrument :
 BNA_F
 ClientSampleId :

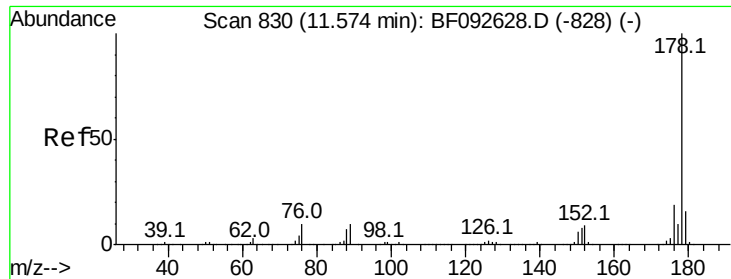
Tot Ion:266 Resp: 239033
 Ion Ratio Lower Upper
 266 100
 268 63.1 53.3 79.9
 264 63.9 50.3 75.5



#70
 Phenanthrene
 Concen: 39.50 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:178 Resp: 1189476
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.7 12.8 19.2

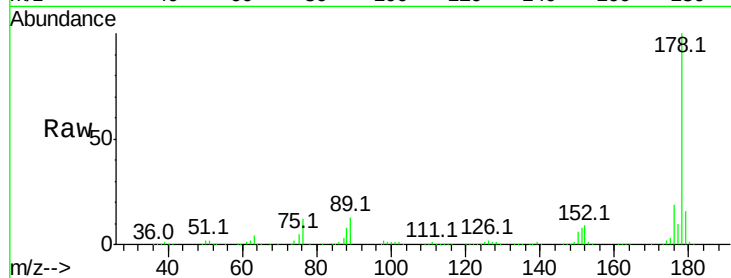




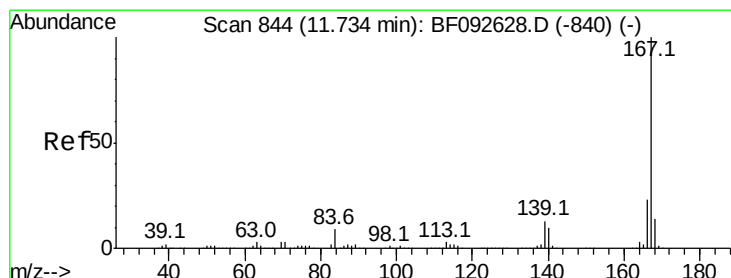
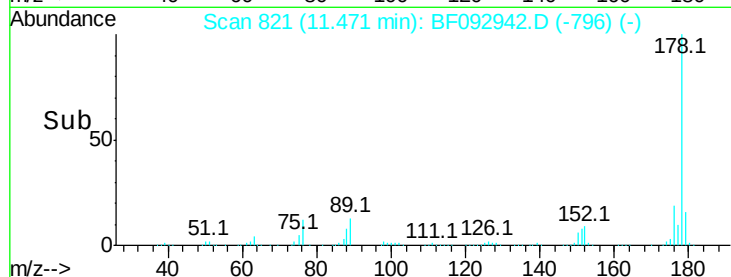
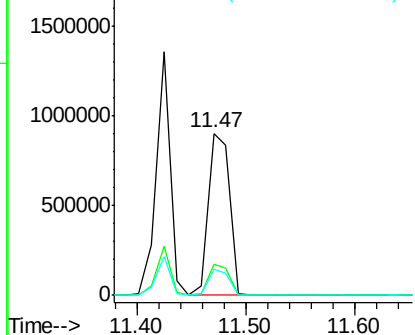
#71
 Anthracene
 Concen: 41.03 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1240756
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.0 13.2 19.8

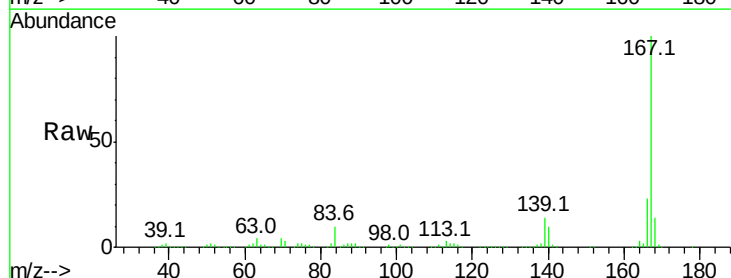


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

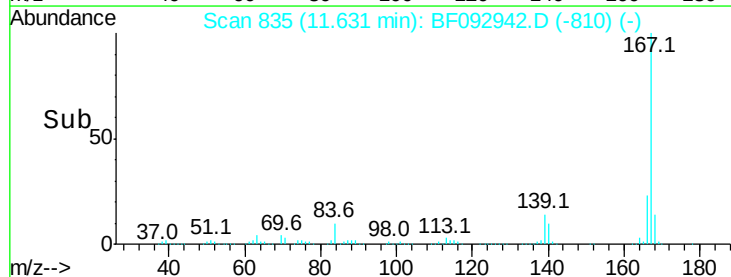
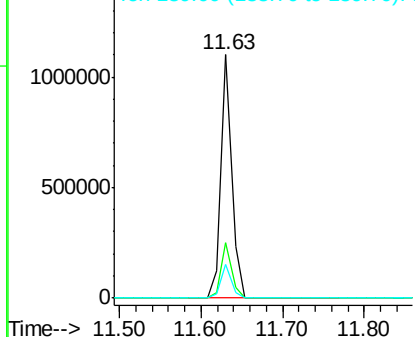


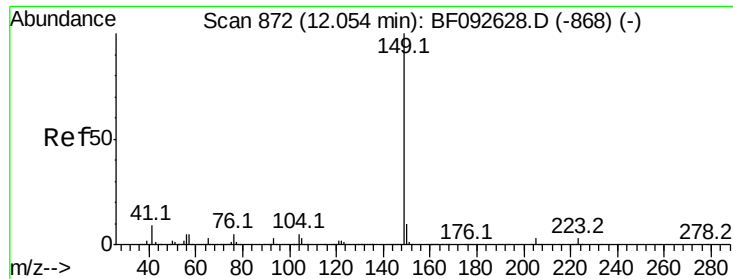
#72
 Carbazole
 Concen: 34.99 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:167 Resp: 1011299
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.6 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.23 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

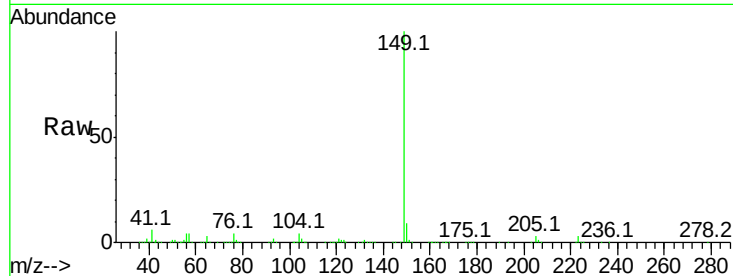
Tot Ion:149 Resp: 1445282

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

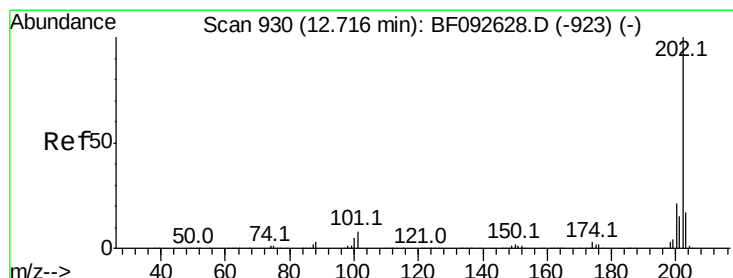
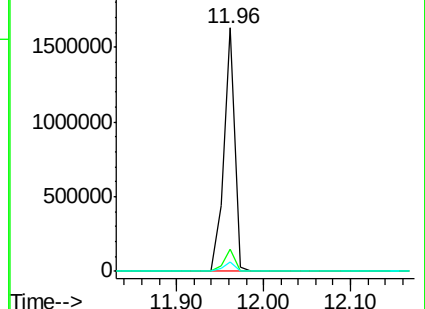
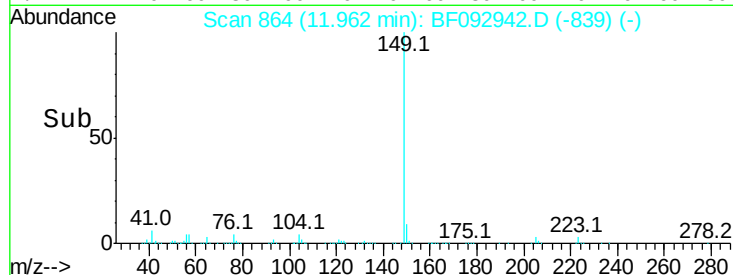
104 4.1 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.28 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

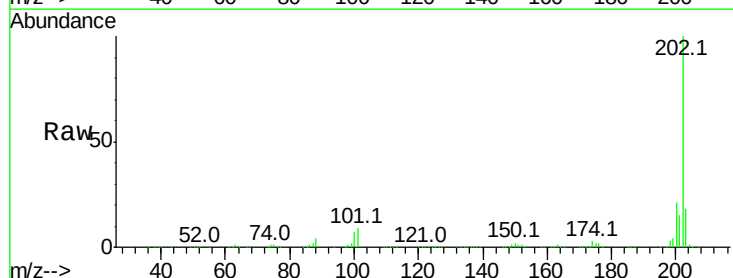
Tgt Ion:202 Resp: 1282258

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

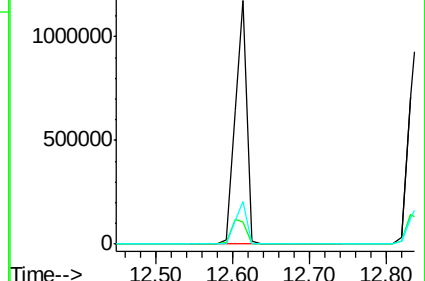
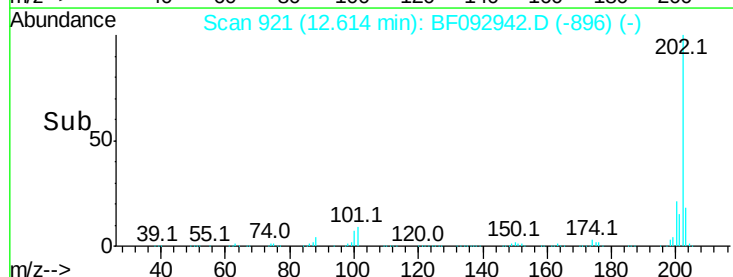
203 17.7 0.0 38.7

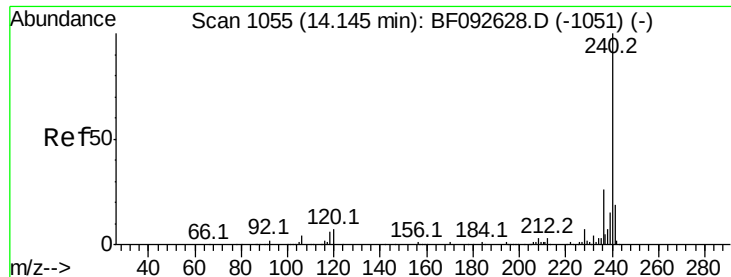


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

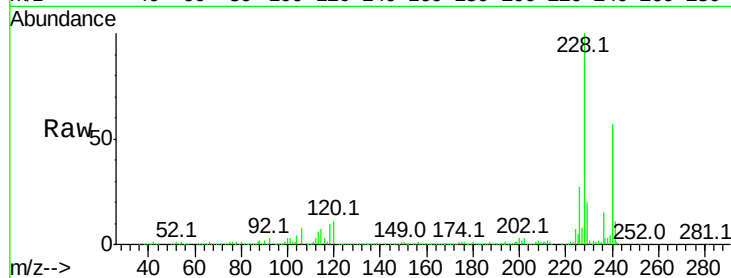
Tot Ion:240 Resp: 396476

Ion Ratio Lower Upper

240 100

120 19.2 12.9 19.3

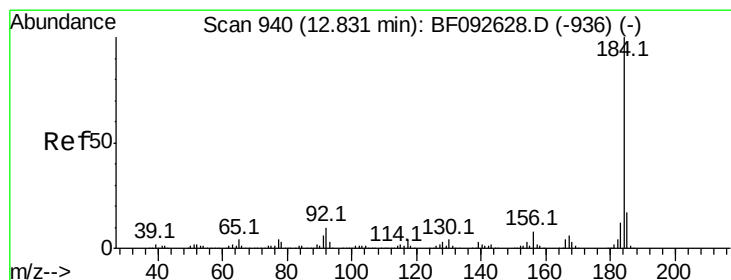
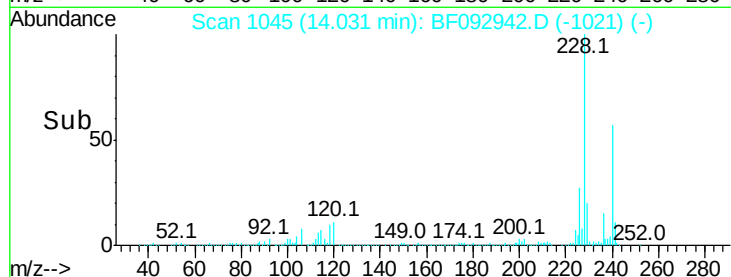
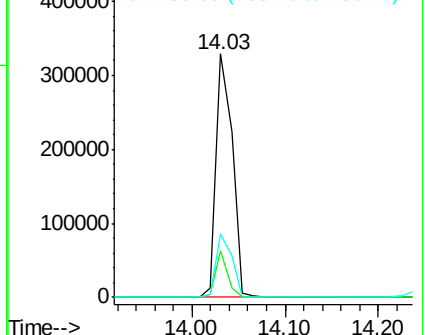
236 25.7 20.9 31.3



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: 18.66 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

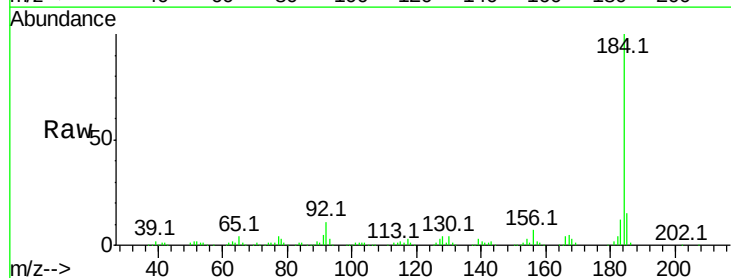
Tgt Ion:184 Resp: 315212

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

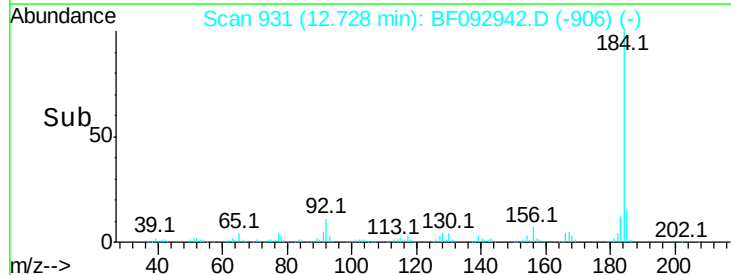
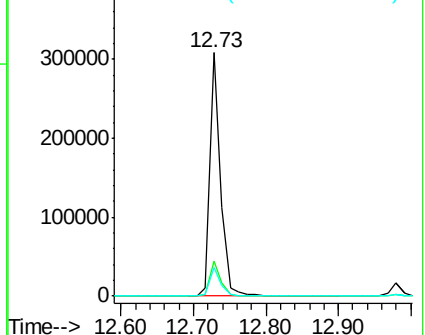
183 11.9 9.2 13.8

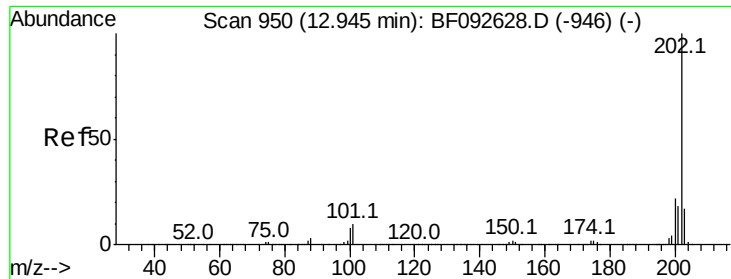


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.96 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

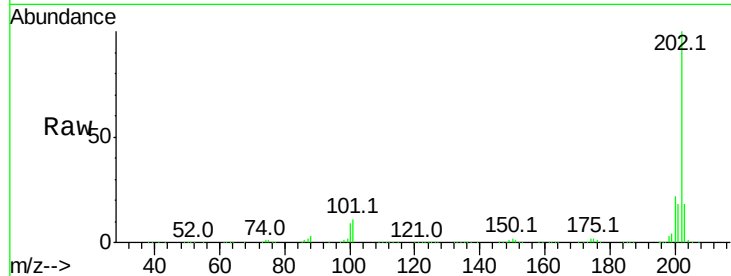
Tot Ion:202 Resp: 1304238

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

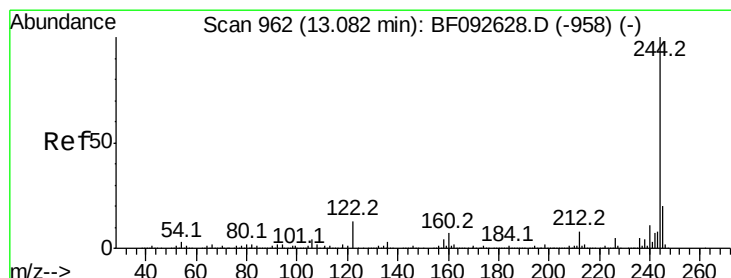
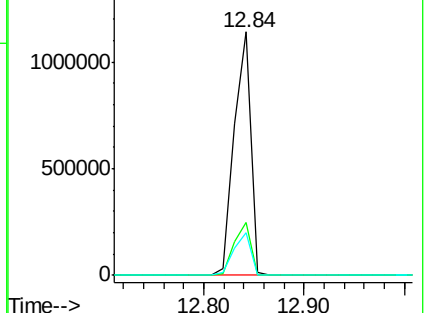
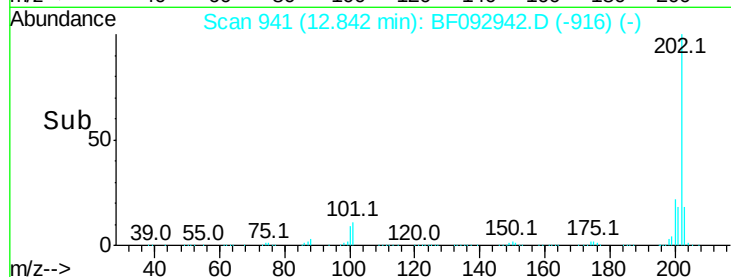
203 17.7 14.7 22.1



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: 78.96 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

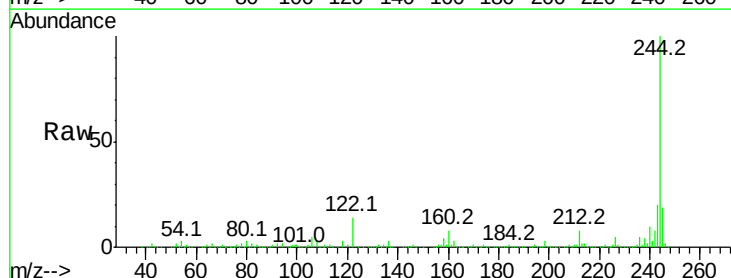
Tgt Ion:244 Resp: 1332405

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

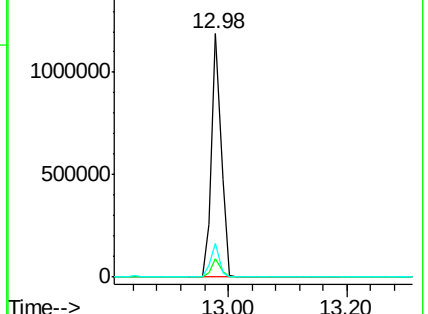
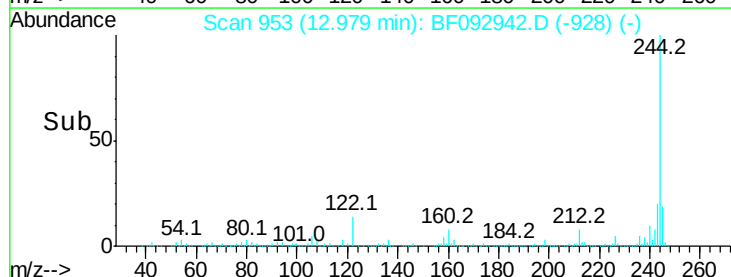
122 14.1 11.4 17.2

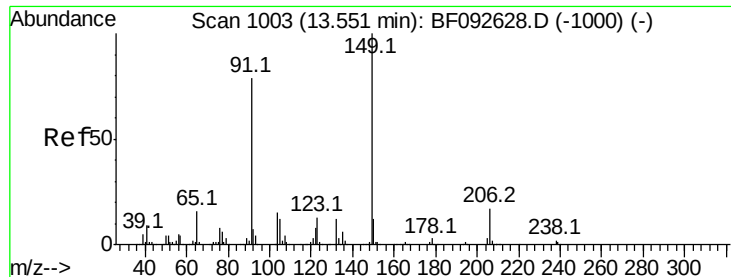


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.98 ng

RT: 13.46 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

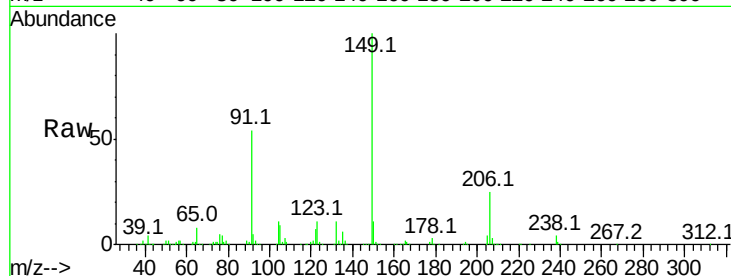
Tot Ion:149 Resp: 602256

Ion Ratio Lower Upper

149 100

91 54.0 63.9 95.9#

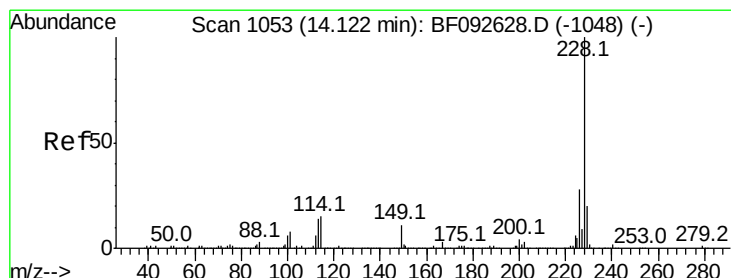
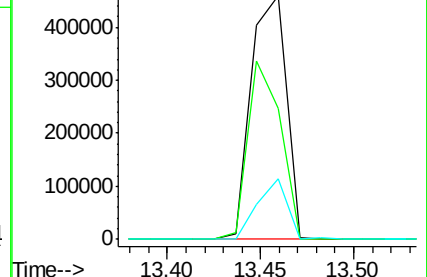
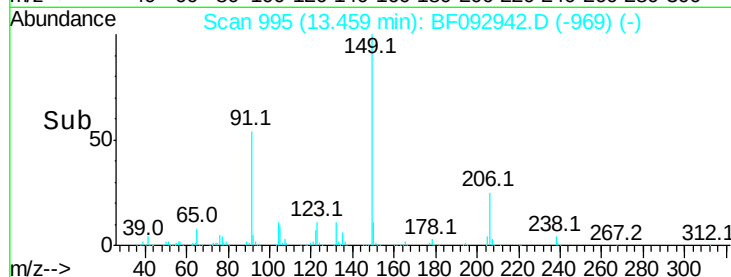
206 24.9 14.6 21.8#



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: 40.26 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

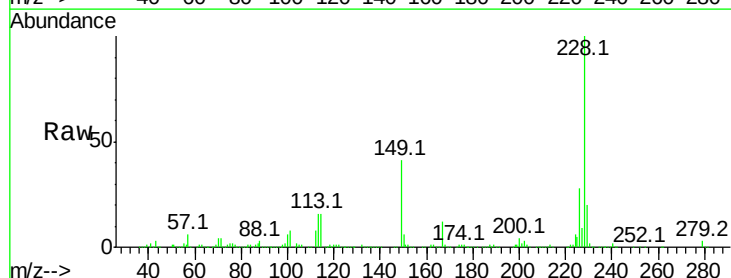
Tgt Ion:228 Resp: 976233

Ion Ratio Lower Upper

228 100

226 28.1 22.4 33.6

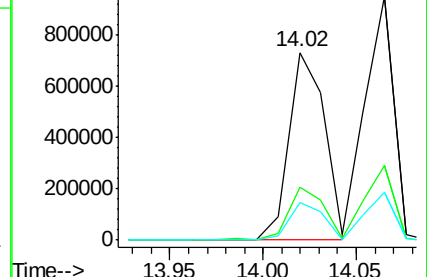
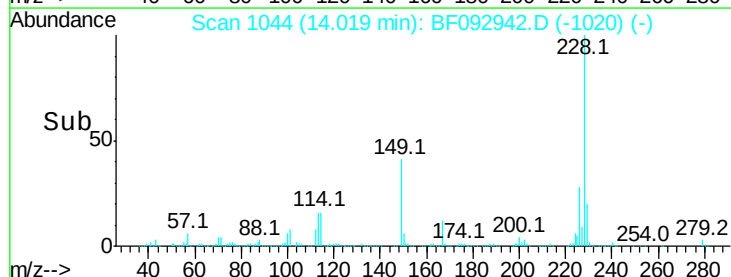
229 20.2 16.2 24.4

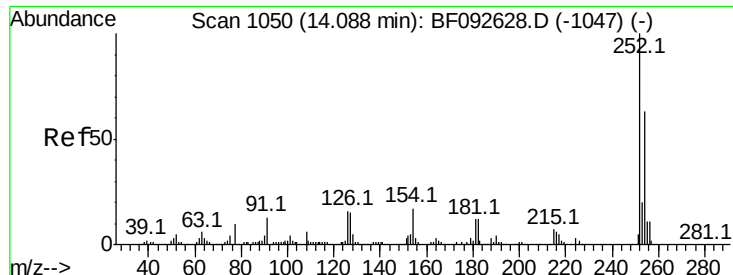


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

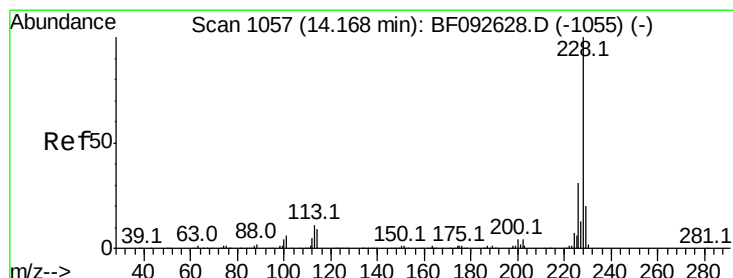
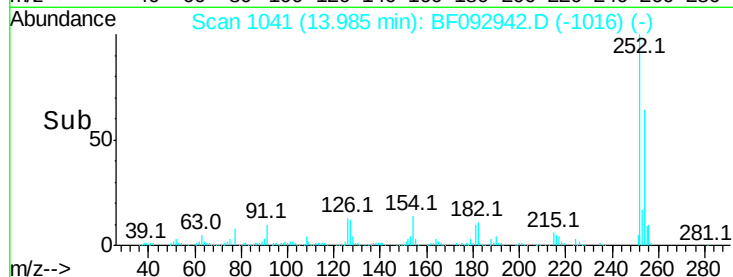
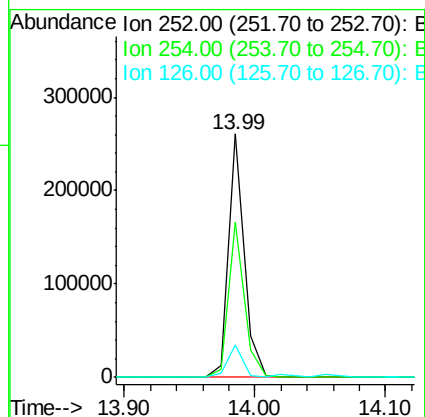
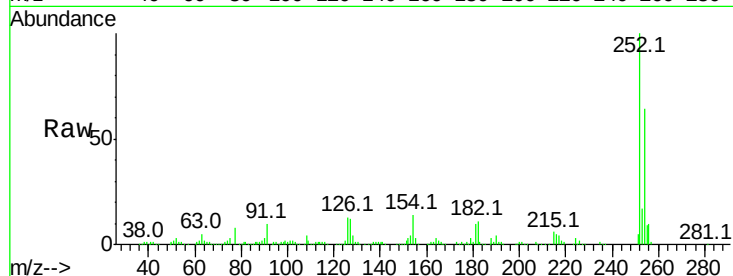




#81
 3,3'-Dichlorobenzidine
 Concen: 25.53 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

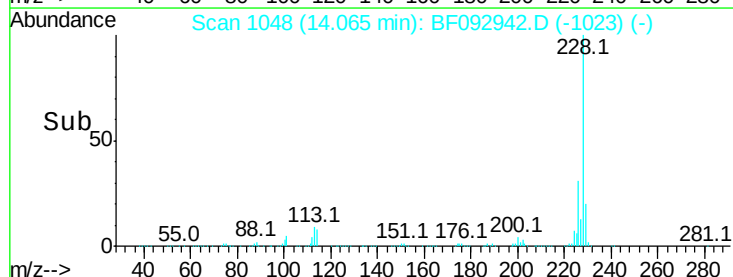
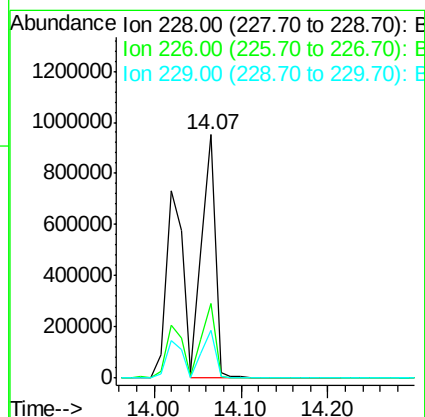
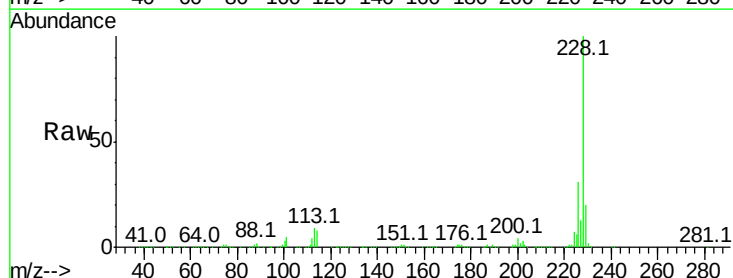
Instrument :
 BNA_F
 ClientSampleId :

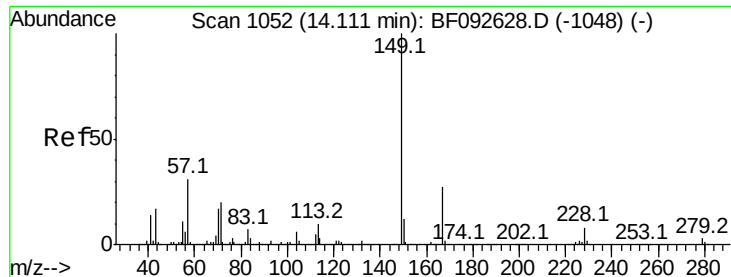
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.3	78.5
126	13.4	13.6	20.4



#82
 Chrysene
 Concen: 44.92 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.5	16.2	24.2

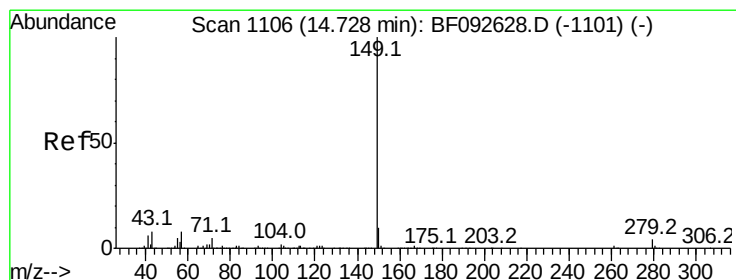
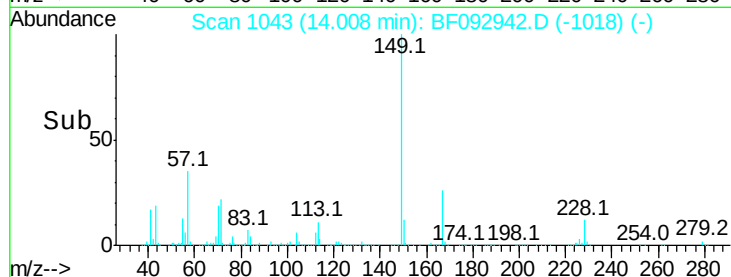
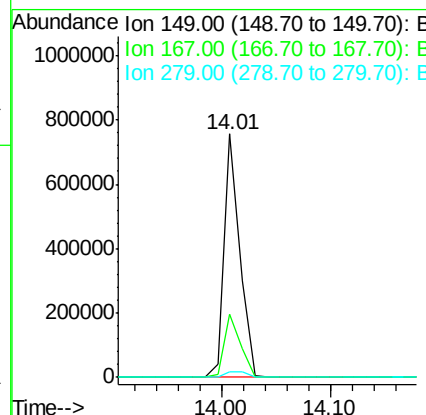
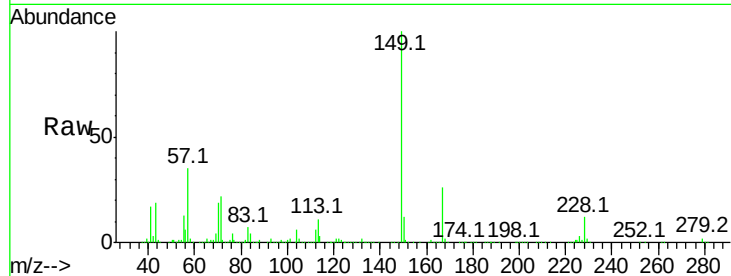




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.25 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

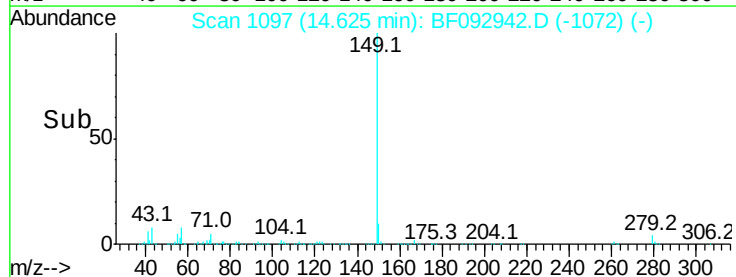
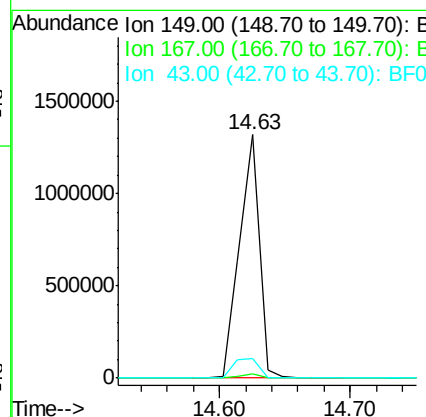
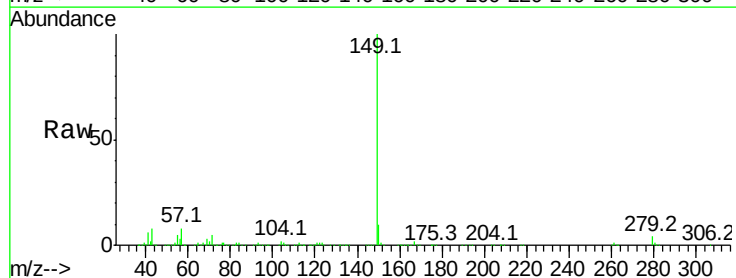
Instrument :
 BNA_F
 ClientSampleId :

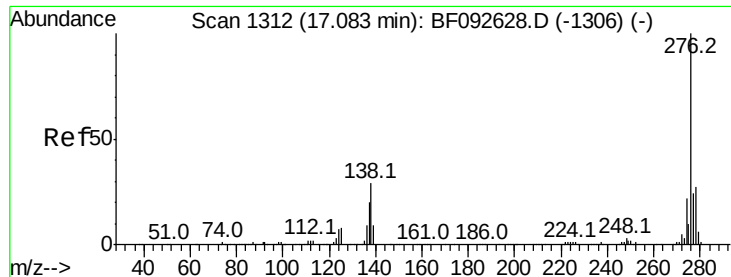
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.3	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 51.62 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.76 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

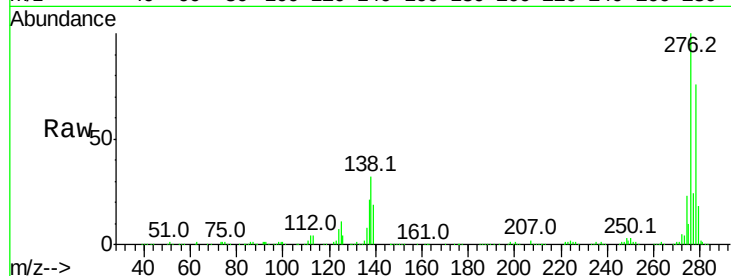
Tot Ion:276 Resp: 734349

Ion Ratio Lower Upper

276 100

138 31.8 21.8 32.6

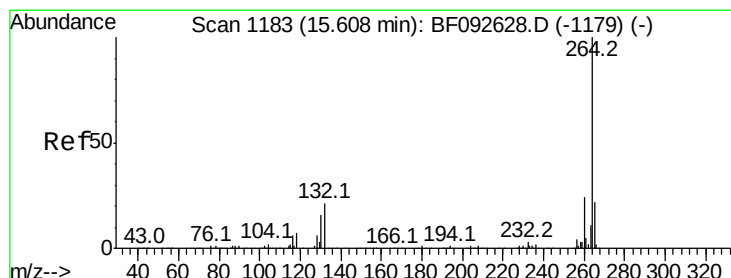
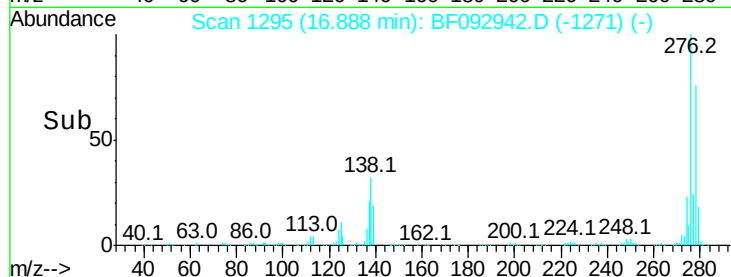
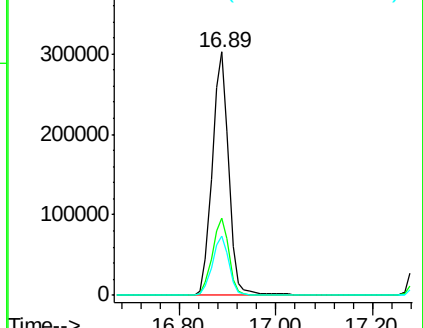
277 24.8 20.2 30.4



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: 15.47 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

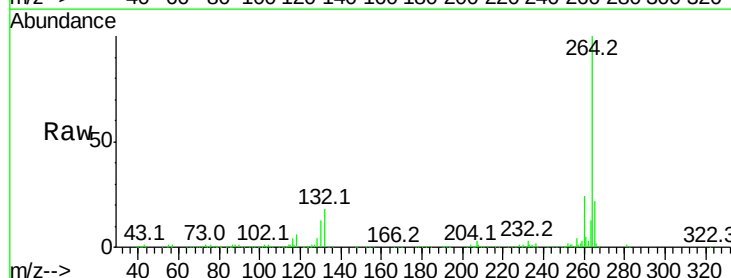
Tgt Ion:264 Resp: 330957

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

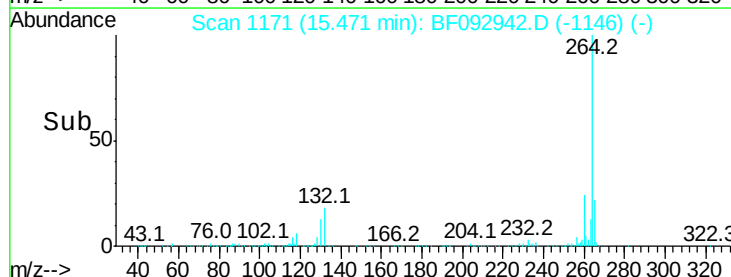
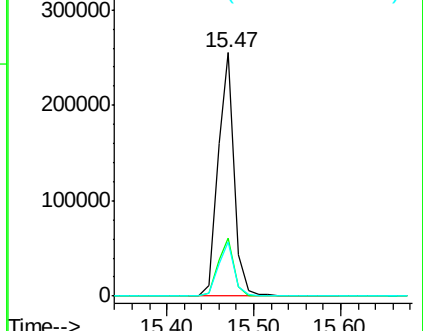
265 22.2 17.4 26.0

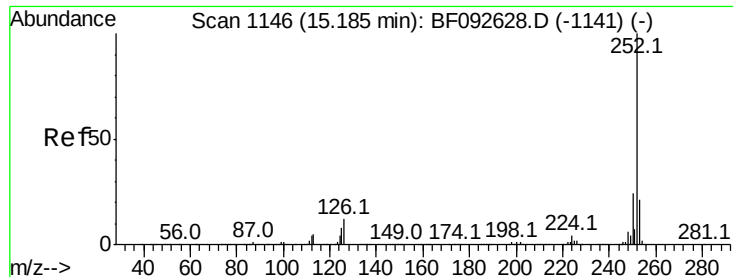


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

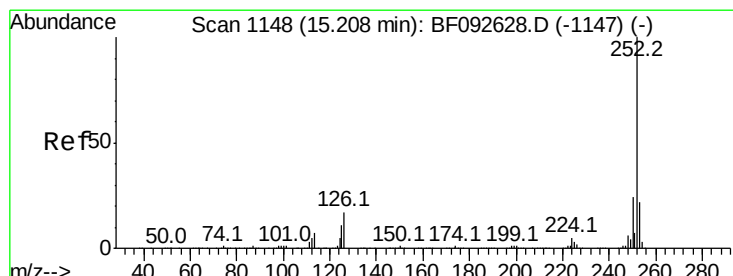
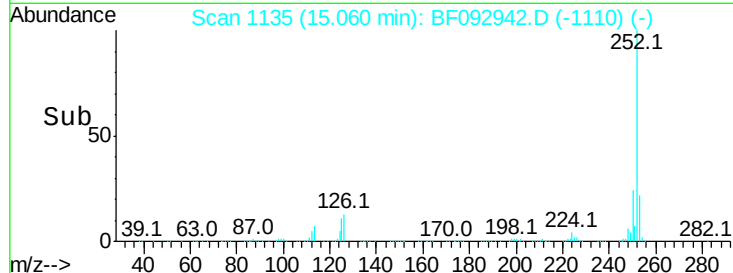
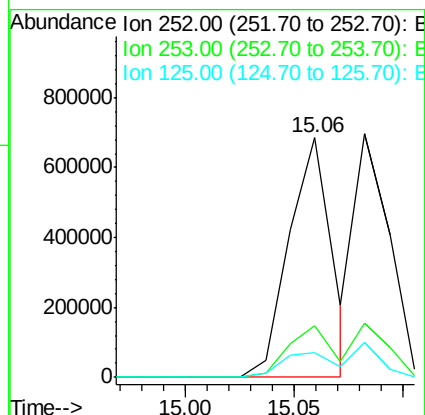
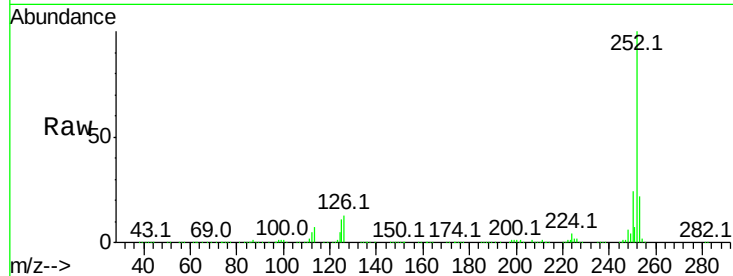




#87
Benzo(b)fluoranthene
Concen: 42.88 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

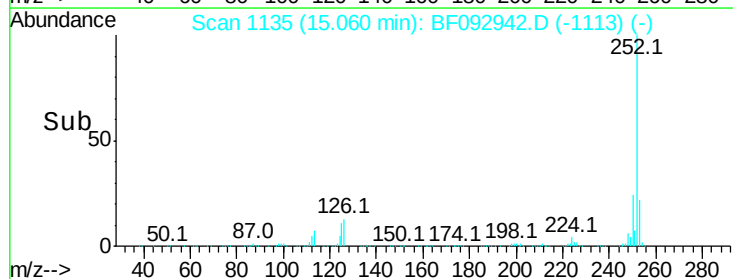
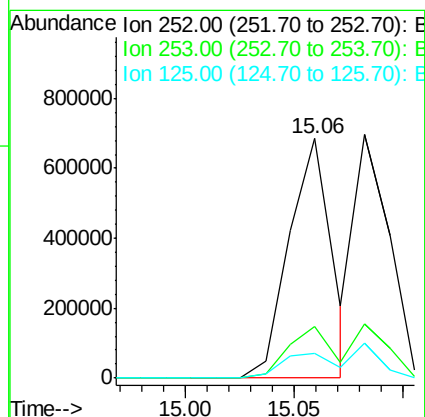
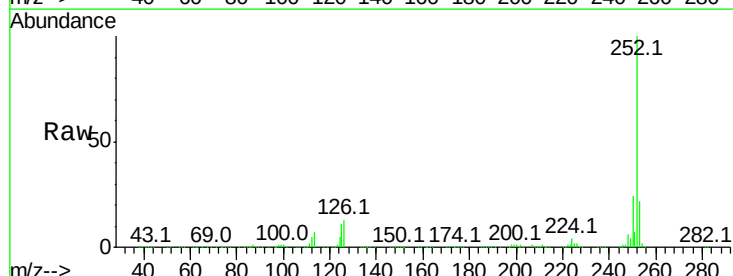
Instrument :
BNA_F
ClientSampled :

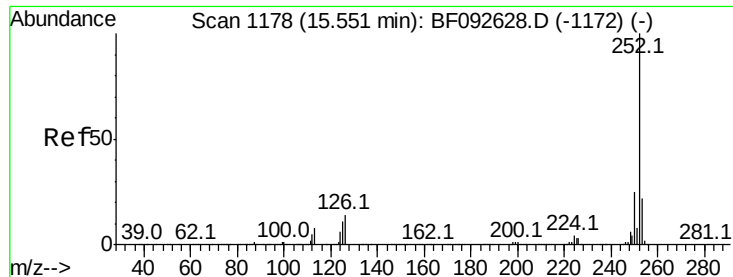
Tot Ion:252 Resp: 934003
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.5 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 49.66 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:252 Resp: 934003
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 10.5 8.9 13.3

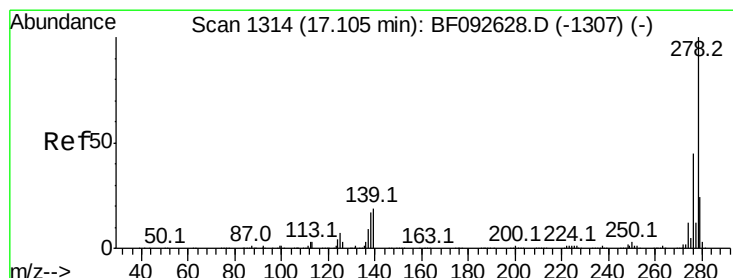
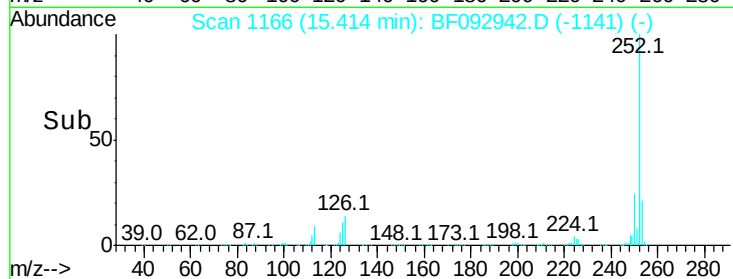
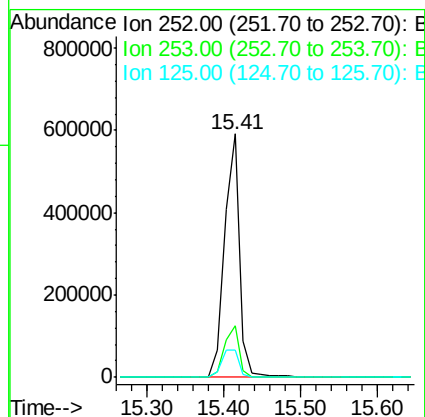
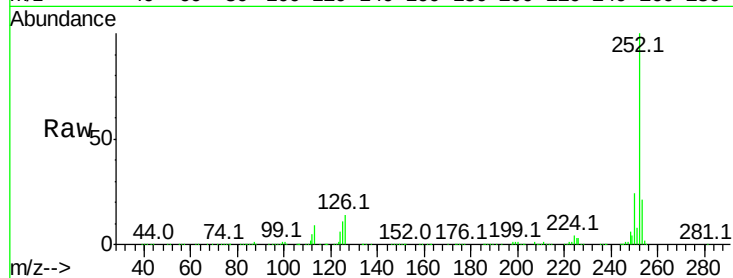




#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

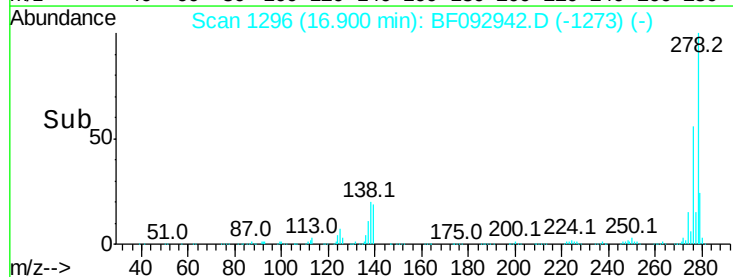
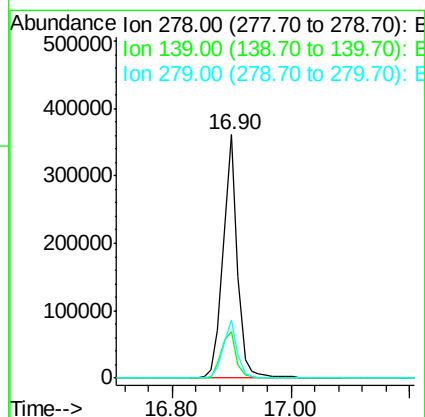
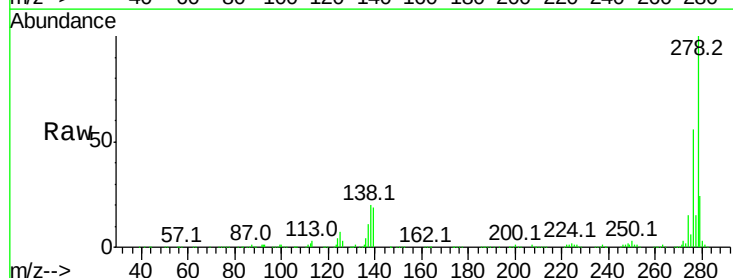
Instrument :
BNA_F
ClientSampleId :

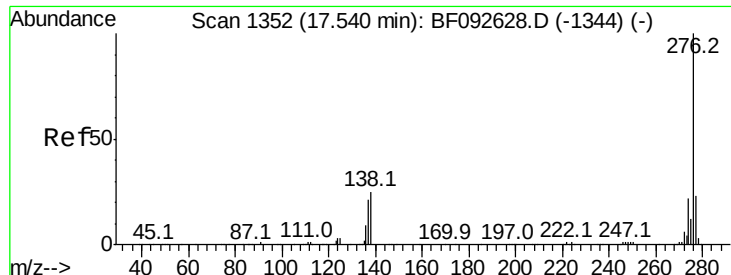
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	11.5	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 40.15 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	24.1	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 39.71 ng

RT: 17.31 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

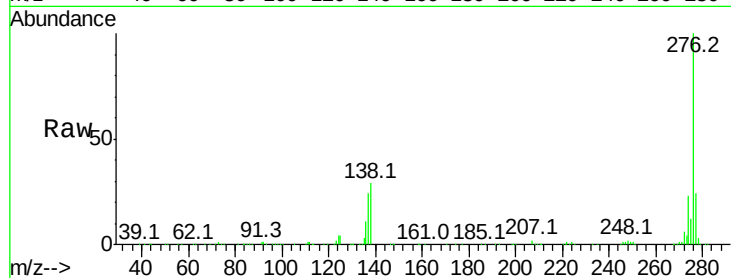
Tot Ion:276 Resp: 610881

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 28.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

