

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092955.D
 Acq On : 15 Feb 2017 17:13
 Operator : SJ/MA
 Sample : PB96953BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:30:54 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	6.86	152	138815	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	581913	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	315459	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	518703	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	464747	20.00	ng	-0.02
86) Perylene-d12	15.46	264	375067	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	995124	122.99	ng	-0.01
7) Phenol-d6	6.51	99	1364948	131.11	ng	-0.02
23) Nitrobenzene-d5	7.44	82	797184	76.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	309431	135.62	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1371996	78.79	ng	-0.01
78) Terphenyl-d14	12.98	244	1382674	69.91	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	130649	29.88	ng	# 85
3) Pyridine	3.22	79	354547	31.89	ng	89
4) n-Nitrosodimethylamine	3.16	42	211798	40.57	ng	87
6) Aniline	6.53	93	386800	27.24	ng	# 72
8) 2-Chlorophenol	6.66	128	399511	44.76	ng	96
9) Benzaldehyde	6.42	77	88028	11.80	ng	96
10) Phenol	6.53	94	447420	36.73	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	401461	41.29	ng	100
12) 1,3-Dichlorobenzene	6.81	146	412508	39.45	ng	# 93
13) 1,4-Dichlorobenzene	6.89	146	424913	40.16	ng	96
14) 1,2-Dichlorobenzene	7.04	146	382330	37.79	ng	97
15) Benzyl Alcohol	7.01	79	312726	40.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	647500	38.33	ng	92
17) 2-Methylphenol	7.14	107	333193	43.51	ng	95
18) Hexachloroethane	7.38	117	140387	38.86	ng	88
19) n-Nitroso-di-n-propylamine	7.29	70	256740	38.74	ng	95
20) 3+4-Methylphenols	7.29	107	375414	41.00	ng	89
22) Acetophenone	7.29	105	509358	38.34	ng	# 92
24) Nitrobenzene	7.46	77	458773	42.76	ng	92
25) Isophorone	7.70	82	781119	40.11	ng	99
26) 2-Nitrophenol	7.78	139	212733	41.71	ng	# 78
27) 2,4-Dimethylphenol	7.81	122	348097	38.86	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	452919	35.12	ng	99
29) 2,4-Dichlorophenol	8.02	162	360080	43.10	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	355411	39.48	ng	97
31) Naphthalene	8.18	128	1115354	37.81	ng	99
32) Benzoic acid	7.94	122	242476	47.81	ng	95
33) 4-Chloroaniline	8.22	127	177826	15.37	ng	95
34) Hexachlorobutadiene	8.29	225	177922	35.92	ng	100
35) Caprolactam	8.60	113	77186	29.37	ng	# 40
36) 4-Chloro-3-methylphenol	8.72	107	355789	40.85	ng	99
37) 2-Methylnaphthalene	8.86	142	720660	38.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	339243	38.31	ng	98
40) Hexachlorocyclopentadiene	9.02	237	301211	75.39	ng	97

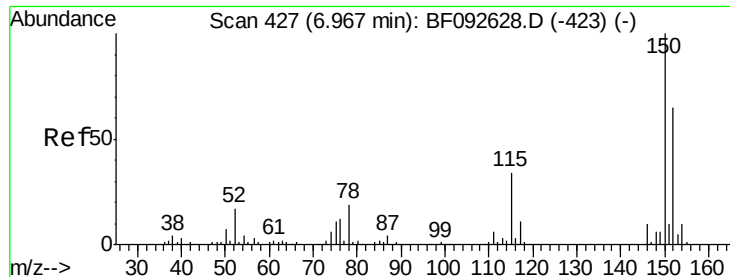
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	252449	43.39	nq	92
43) 2,4,5-Trichlorophenol	9.20	196	253603	39.78	nq	# 87
45) 1,1'-Biphenyl	9.33	154	914123	40.02	nq	97
46) 2-Chloronaphthalene	9.36	162	696036	38.95	nq	96
47) 2-Nitroaniline	9.46	65	261966	43.60	nq	88
48) Acenaphthylene	9.77	152	1140050	36.93	nq	98
49) Dimethylphthalate	9.64	163	903124	42.50	nq	99
50) 2,6-Dinitrotoluene	9.70	165	194334	42.35	nq	# 89
51) Acenaphthene	9.94	154	747779	40.52	nq	97
52) 3-Nitroaniline	9.87	138	116733	22.23	nq	# 79
53) 2,4-Dinitrophenol	9.97	184	166647	71.90	nq	# 60
54) Dibenzofuran	10.12	168	1007035	40.79	nq	# 88
55) 4-Nitrophenol	10.04	139	299998	79.32	nq	92
56) 2,4-Dinitrotoluene	10.10	165	247747	40.55	nq	94
57) Fluorene	10.45	166	724954	38.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	198454	46.66	nq	99
59) Diethylphthalate	10.34	149	878448	43.87	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	371528	40.72	nq	# 79
61) 4-Nitroaniline	10.49	138	220398	40.98	nq	85
62) Azobenzene	10.61	77	957943	46.31	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	123062	39.48	nq	# 57
65) n-Nitrosodiphenylamine	10.57	169	640564	38.66	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	220759	40.74	nq	# 77
67) Hexachlorobenzene	11.00	284	204501	38.19	nq	# 79
68) Atrazine	11.10	200	227029	42.69	nq	91
69) Pentachlorophenol	11.21	266	245305	87.95	nq	97
70) Phenanthrene	11.41	178	1134488	38.18	nq	99
71) Anthracene	11.47	178	1201003	40.24	nq	99
72) Carbazole	11.63	167	1148722	40.27	nq	97
73) Di-n-butylphthalate	11.95	149	1247187	40.43	nq	98
74) Fluoranthene	12.60	202	1128051	36.80	nq	98
76) Benzidine	12.73	184	332576	16.79	nq	97
77) Pyrene	12.83	202	1135661	32.65	nq	99
79) Butylbenzylphthalate	13.45	149	552029	39.09	nq	95
80) Benzo(a)anthracene	14.02	228	1010724	35.56	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	264838	26.14	nq	# 96
82) Chrysene	14.05	228	898721	33.77	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	762817	39.49	nq	# 96
84) Di-n-octyl phthalate	14.61	149	1334821	42.44	nq	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	829666	40.25	nq	94
87) Benzo(b)fluoranthene	15.08	252	1860462	75.36	nq	99
88) Benzo(k)fluoranthene	15.08	252	1861087	87.31	nq	98
89) Benzo(a)pyrene	15.40	252	865974	40.55	nq	# 97
90) Dibenzo(a,h)anthracene	16.89	278	684861	39.68	nq	# 95
91) Benzo(g,h,i)perylene	17.31	276	692345	39.71	nq	# 93

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

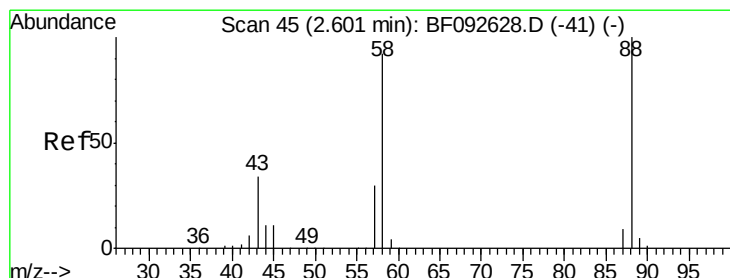
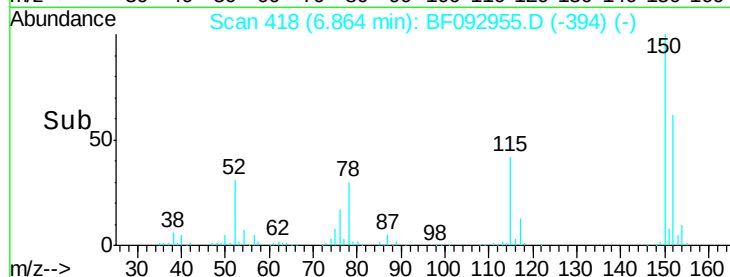
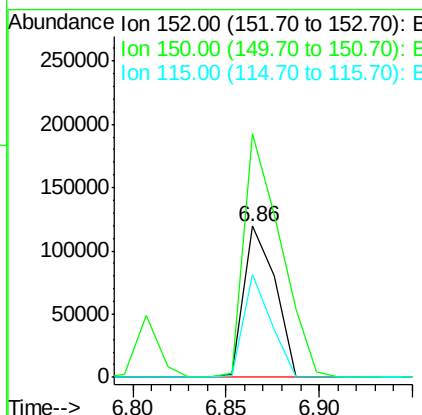
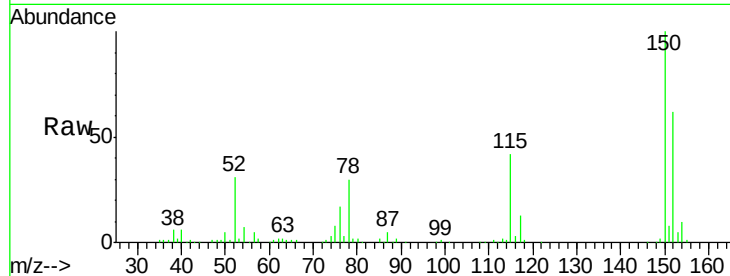


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

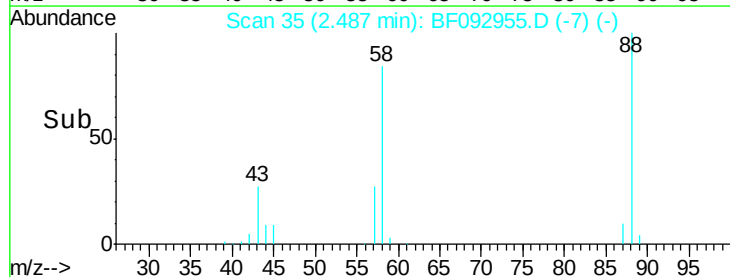
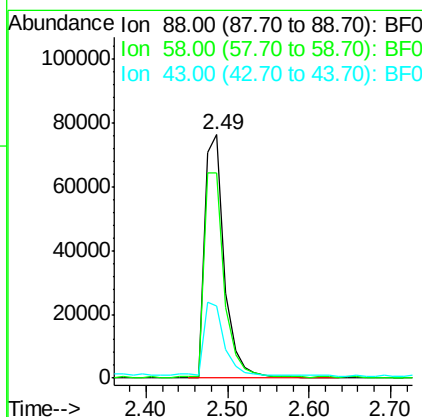
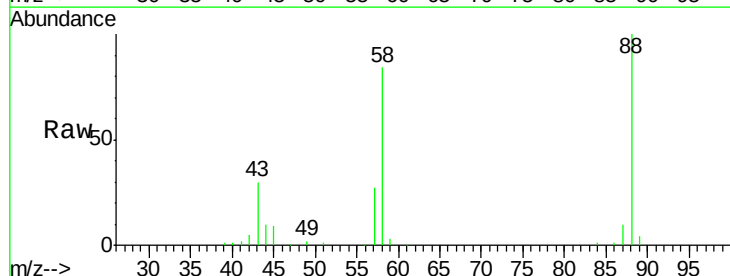
Tot Ion:152 Resp: 138815
Ion Ratio Lower Upper
152 100
150 161.0 124.9 187.3
115 68.1 46.0 69.0

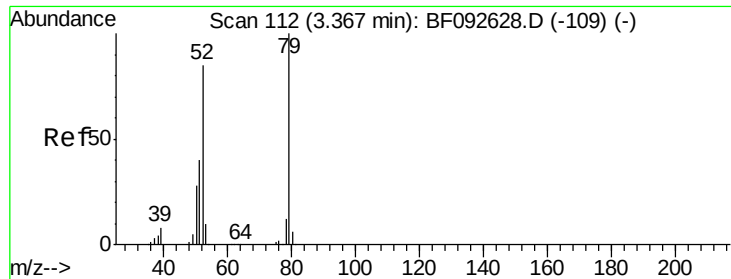


#2

1,4-Dioxane
Concen: 29.88 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 88 Resp: 130649
Ion Ratio Lower Upper
88 100
58 87.7 57.8 86.8#
43 31.4 22.3 33.5





#3

Pvridine

Concen: 31.89 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

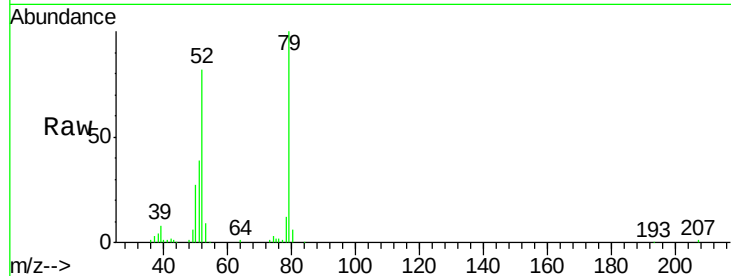
Tot Ion: 79 Resp: 354547

Ion Ratio Lower Upper

79 100

52 82.1 57.1 85.7

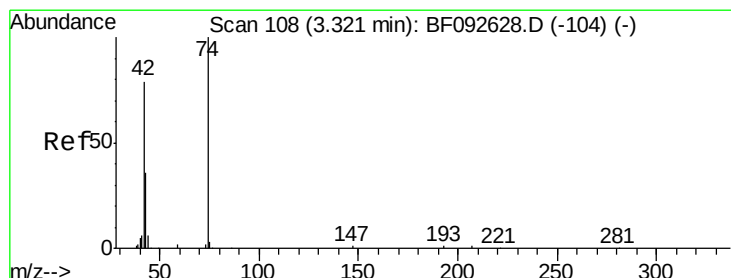
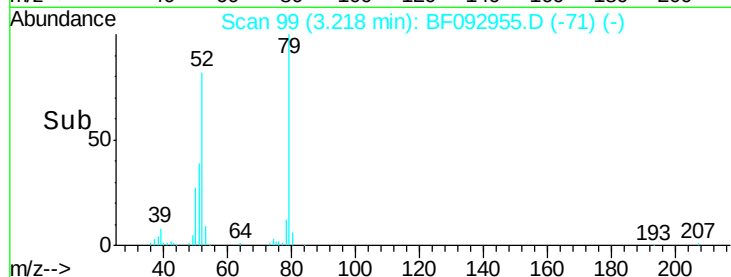
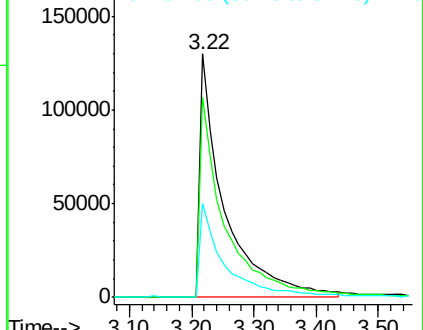
51 38.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.57 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

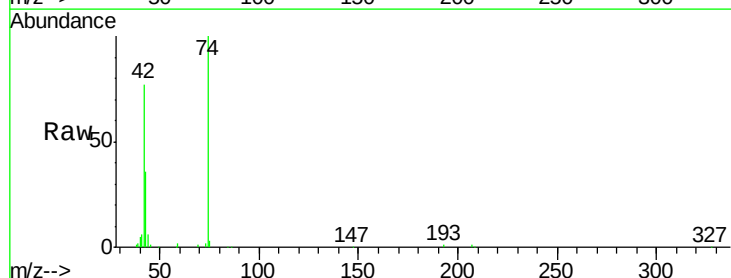
Tgt Ion: 42 Resp: 211798

Ion Ratio Lower Upper

42 100

74 129.2 117.0 175.4

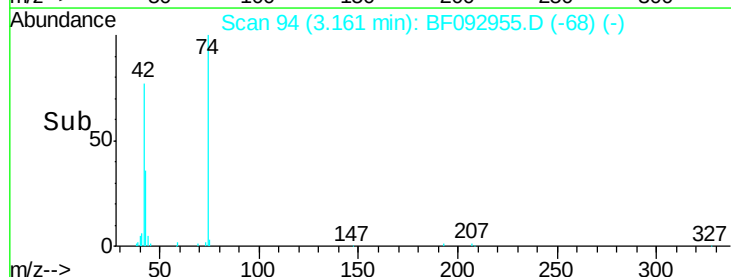
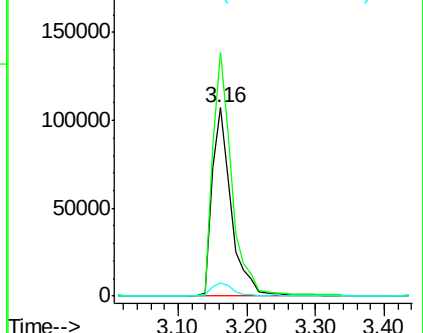
44 7.2 5.5 8.3

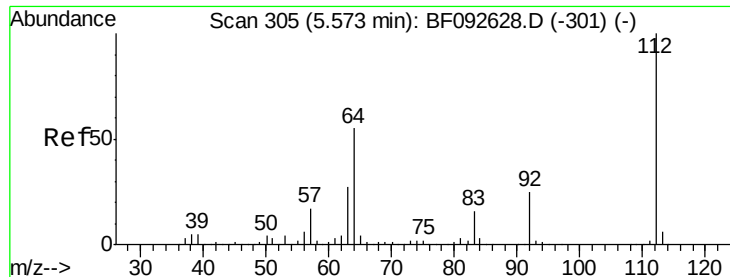


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.99 ng

RT: 5.47 min Scan# 296

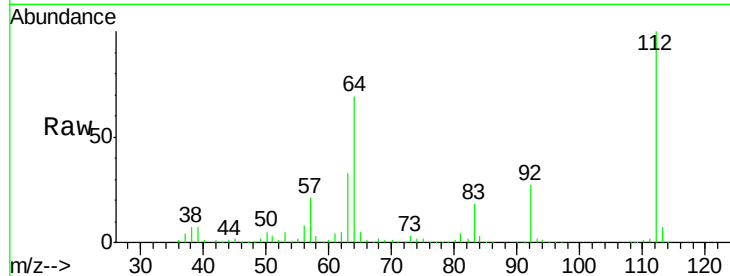
Delta R.T. -0.01 min

Lab File: BF092955.D

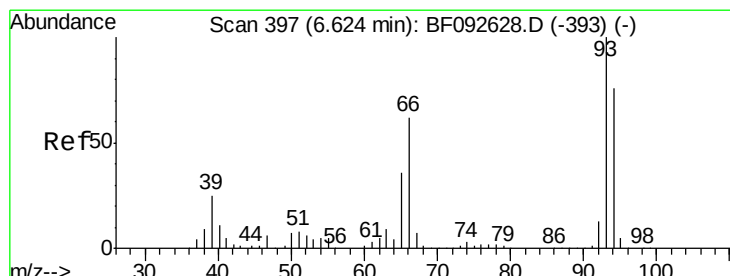
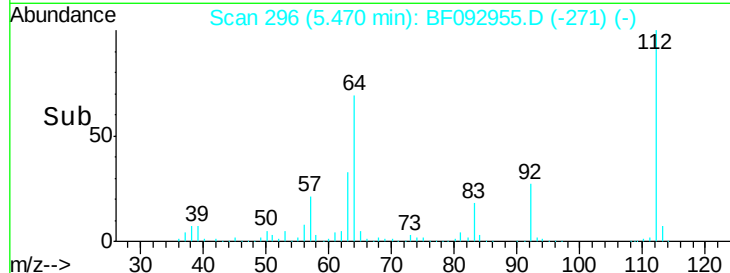
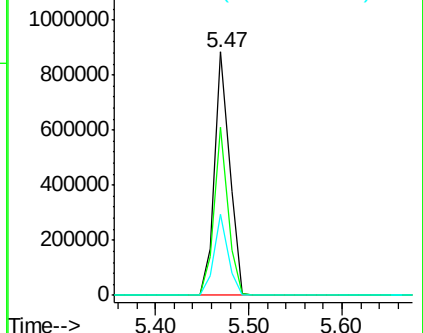
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	995124
Ion	Ratio	Lower	Upper
112	100		
64	68.8	46.1	69.1
63	33.4	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.24 ng

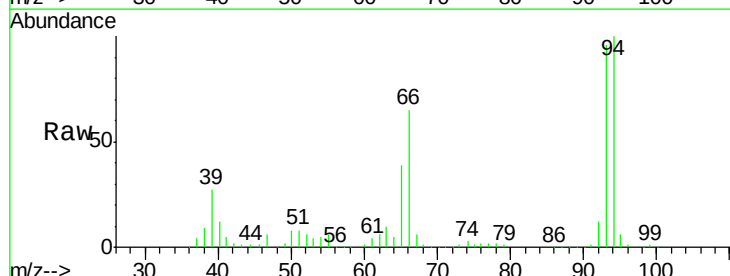
RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

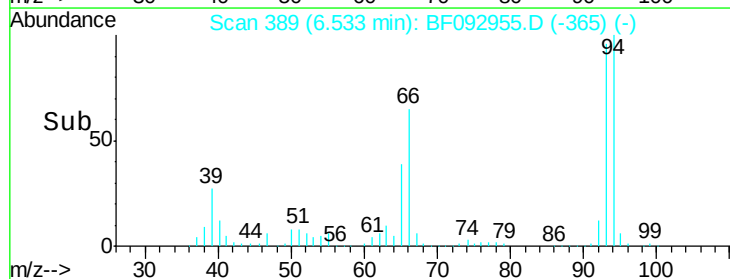
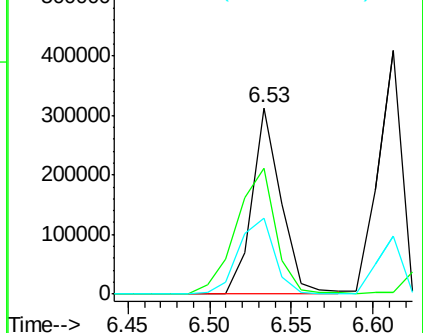
Lab File: BF092955.D

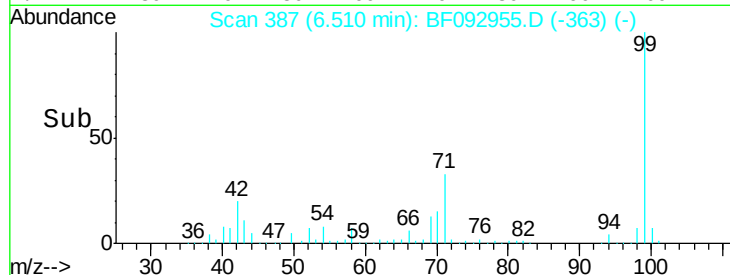
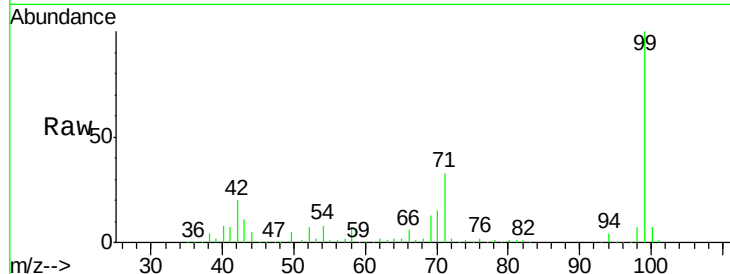
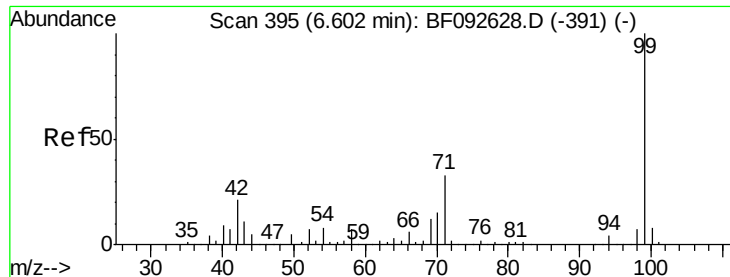
Acq: 15 Feb 2017 17:13

Tgt Ion:	93	Resp:	386800
Ion	Ratio	Lower	Upper
93	100		
66	67.3	76.2	114.2#
65	40.7	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.11 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

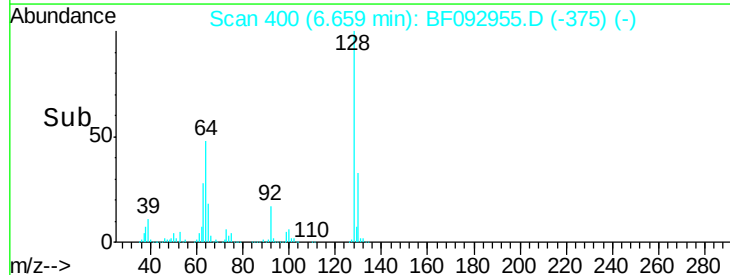
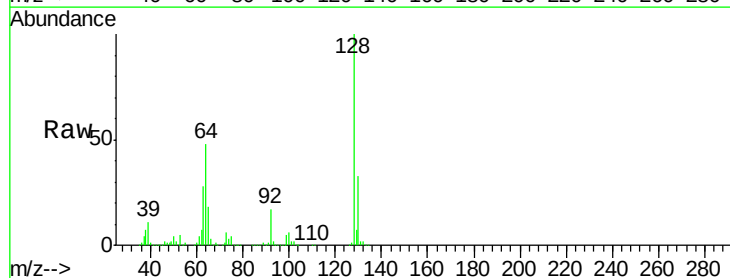
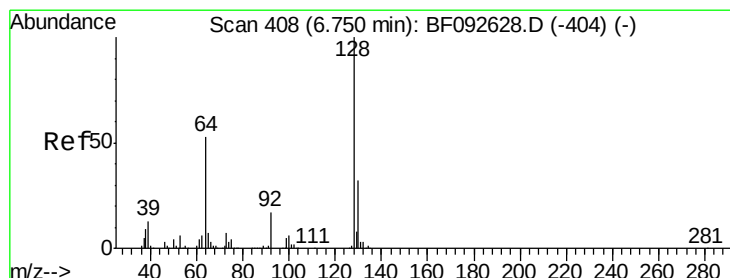
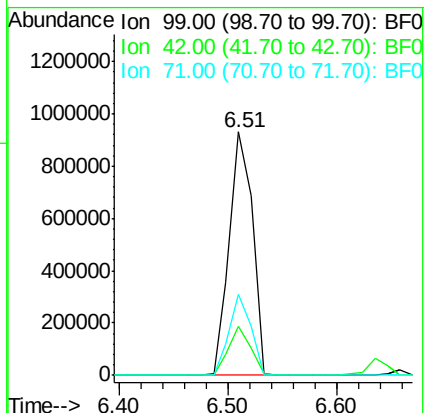
Tot Ion: 99 Resp: 1364948

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

71 33.2 27.5 41.3



#8

2-Chlorophenol

Concen: 44.76 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

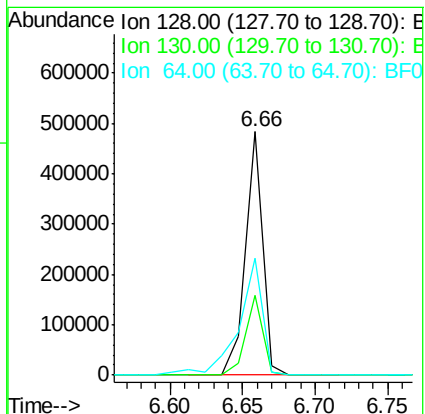
Tgt Ion:128 Resp: 399511

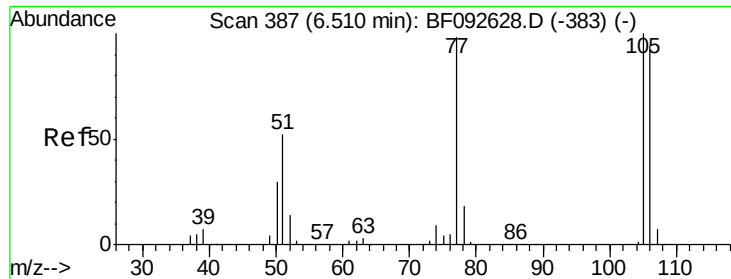
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 47.9 32.2 72.2





#9

Benzaldehyde

Concen: 11.80 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

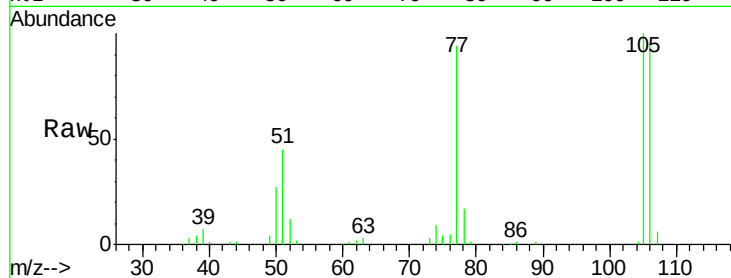
Tot Ion: 77 Resp: 88028

Ion Ratio Lower Upper

77 100

105 107.0 83.9 123.9

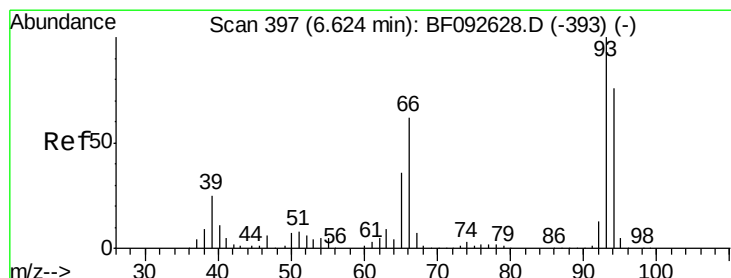
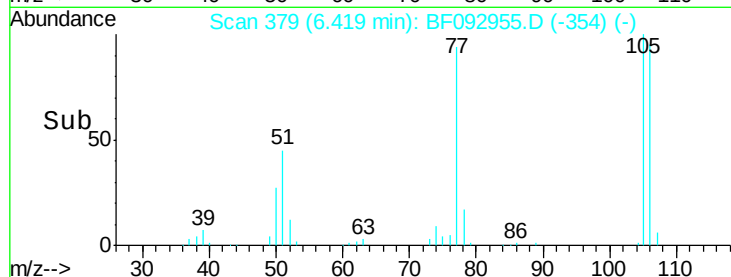
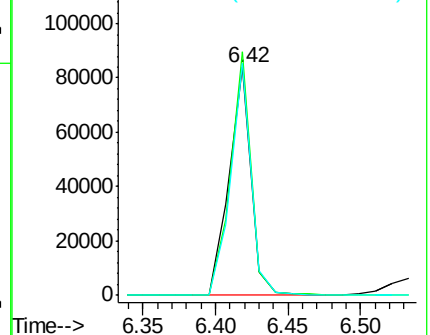
106 101.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.73 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

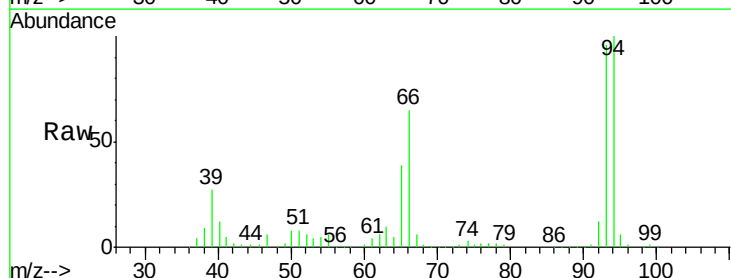
Tgt Ion: 94 Resp: 447420

Ion Ratio Lower Upper

94 100

65 39.2 21.4 61.4

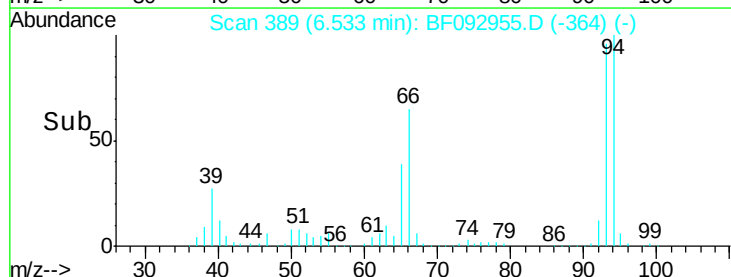
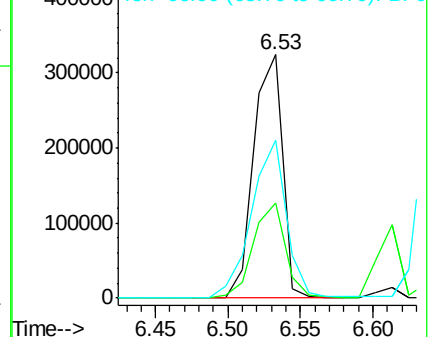
66 64.9 44.0 84.0

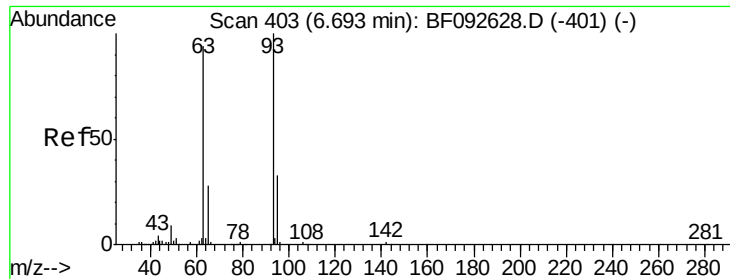


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

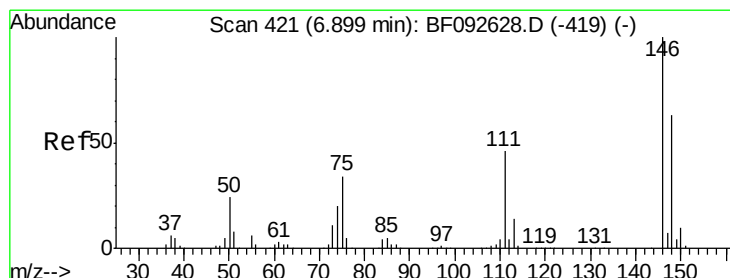
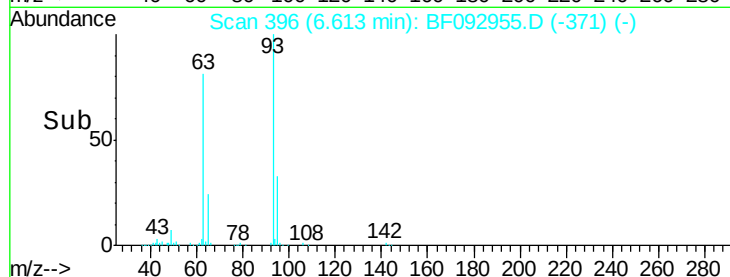
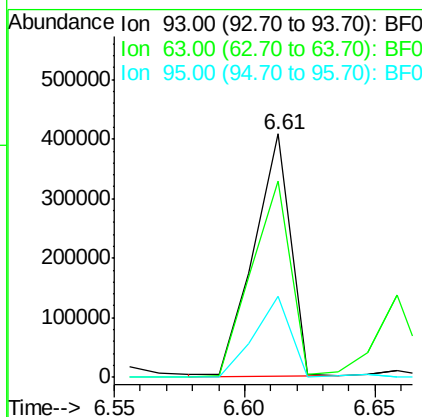
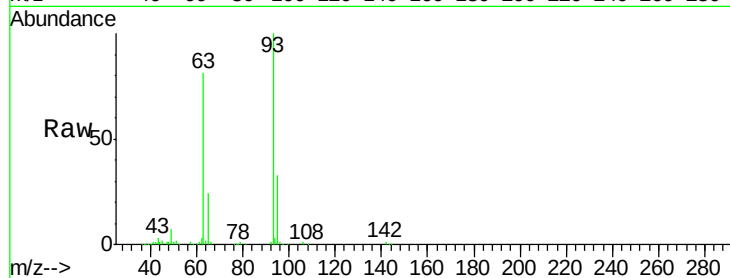




#11
bis(2-Chloroethyl)ether
Concen: 41.29 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

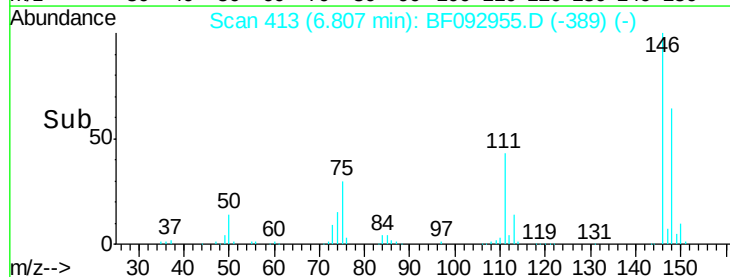
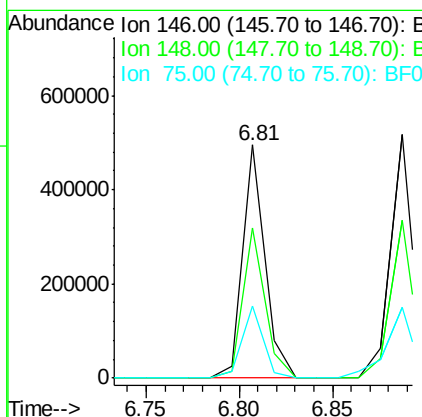
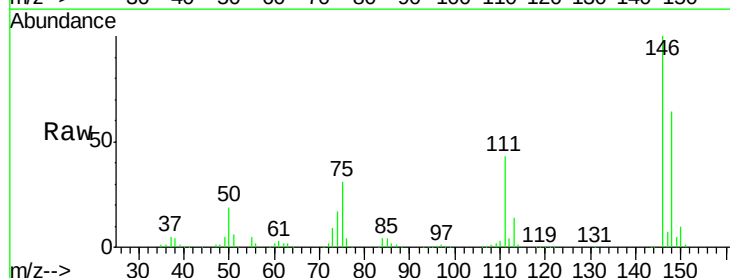
Instrument :
BNA_F
ClientSampleId :

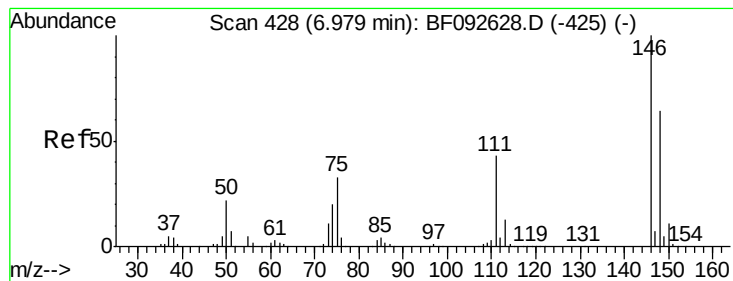
Tot Ion: 93 Resp: 401461
Ion Ratio Lower Upper
93 100
63 80.6 60.4 100.4
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.45 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 146 Resp: 412508
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
75 31.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 40.16 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

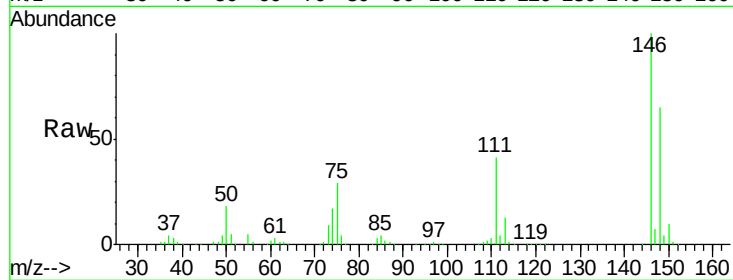
Tot Ion:146 Resp: 424913

Ion Ratio Lower Upper

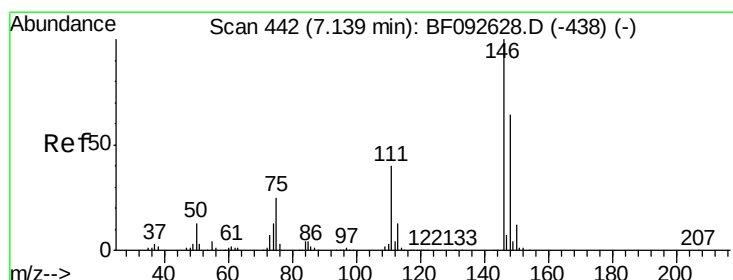
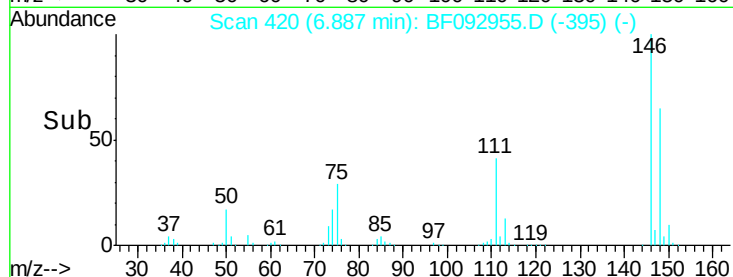
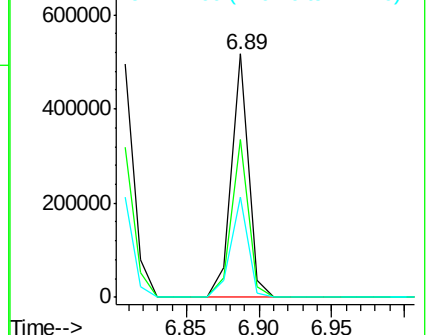
146 100

148 64.7 50.6 76.0

111 41.1 36.2 54.4



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



#14

1,2-Dichlorobenzene

Concen: 37.79 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

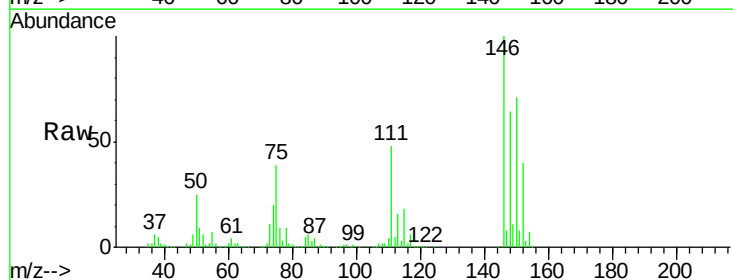
Tgt Ion:146 Resp: 382330

Ion Ratio Lower Upper

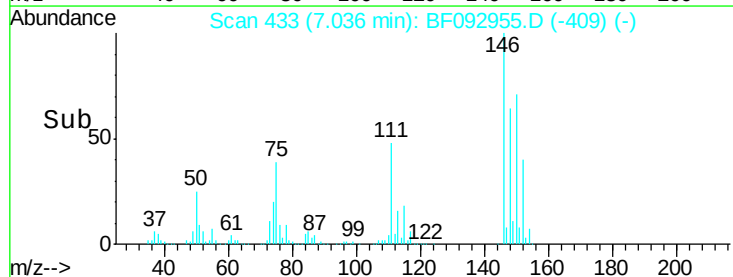
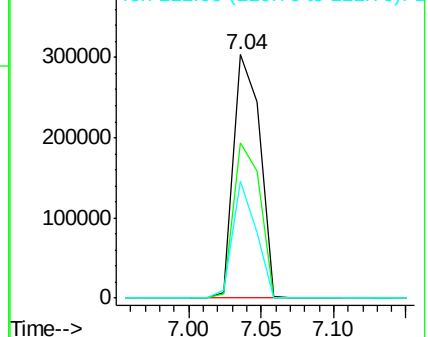
146 100

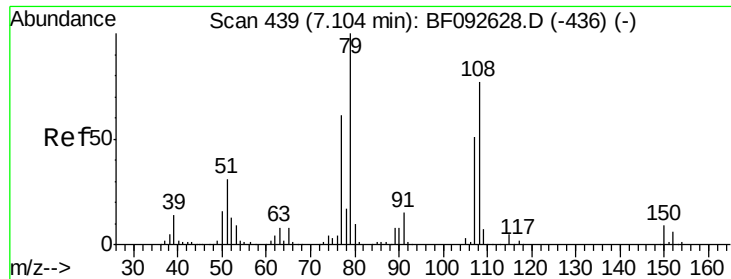
148 63.9 52.2 78.2

111 48.2 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

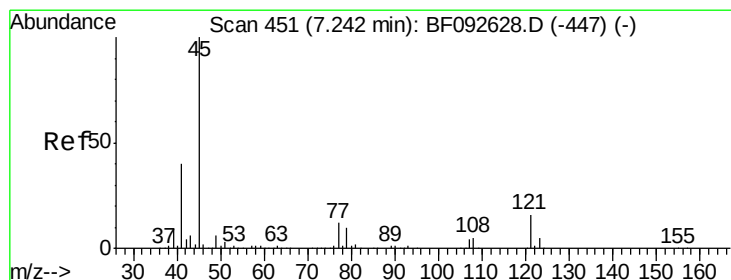
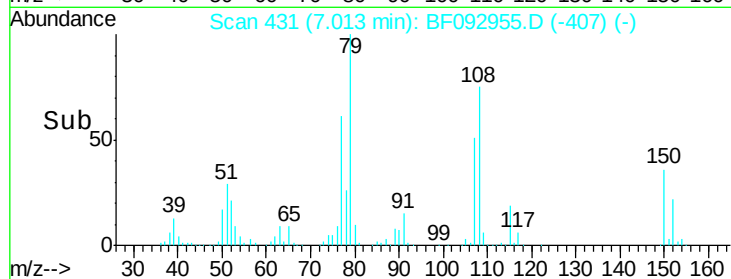
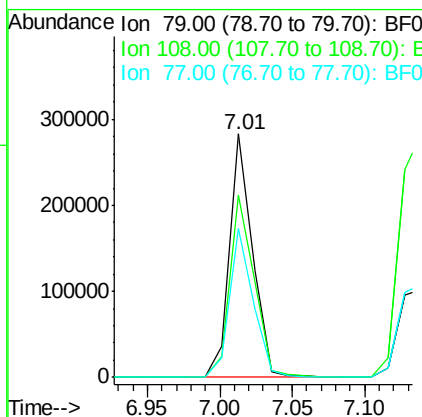
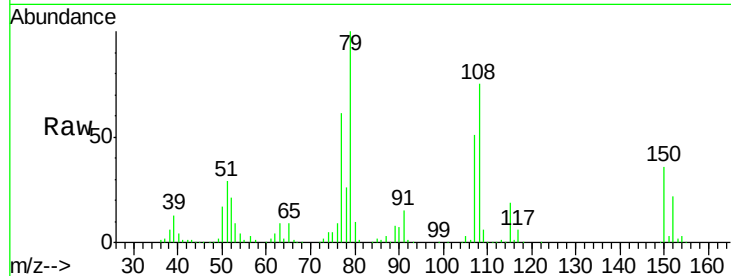




#15
Benzyl Alcohol
Concen: 40.57 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

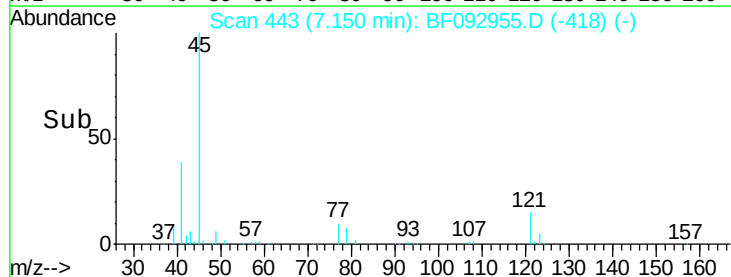
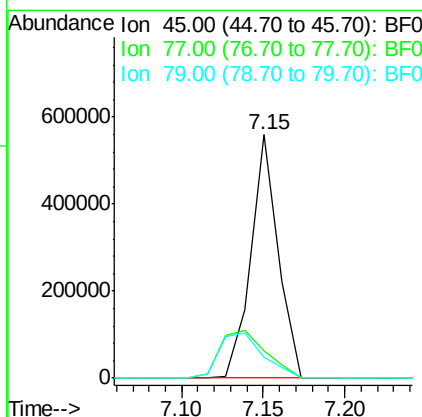
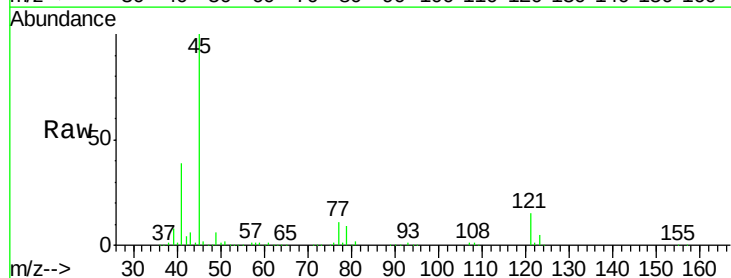
Instrument :
BNA_F
ClientSampled :

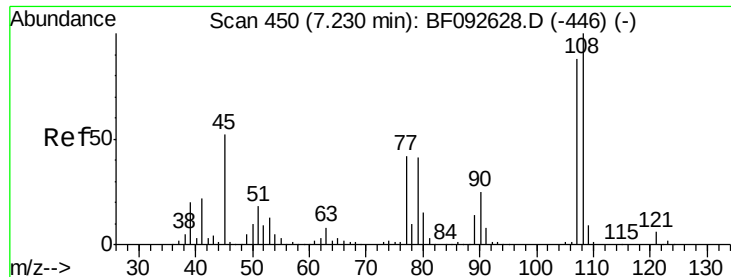
Tot Ion: 79 Resp: 312726
Ion Ratio Lower Upper
79 100
108 75.0 61.4 92.0
77 61.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.33 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 45 Resp: 647500
Ion Ratio Lower Upper
45 100
77 11.0 0.0 34.6
79 8.8 0.0 31.2

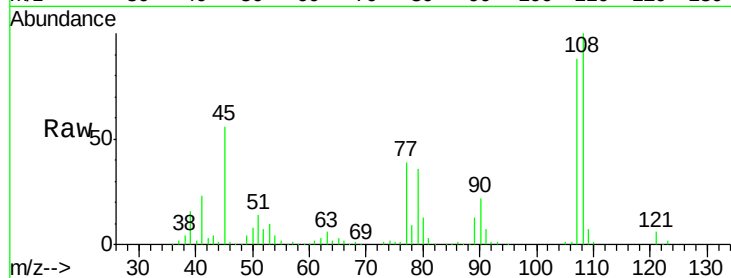




#17
2-Methylphenol
Concen: 43.51 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.0	139.6
77	44.2	39.8	59.8
79	41.6	38.0	57.0



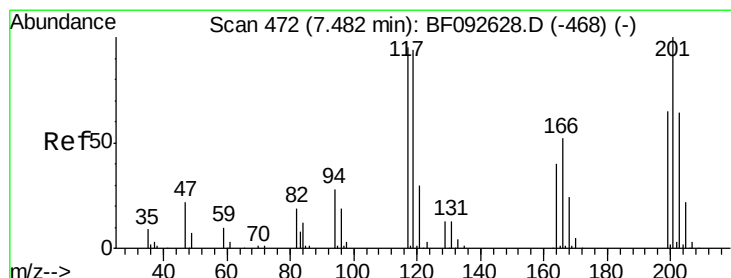
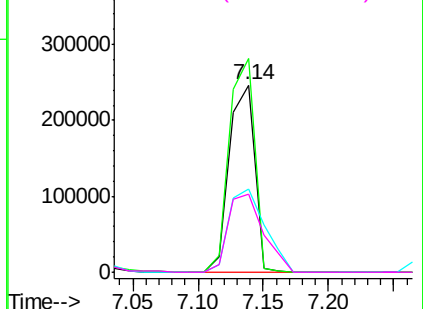
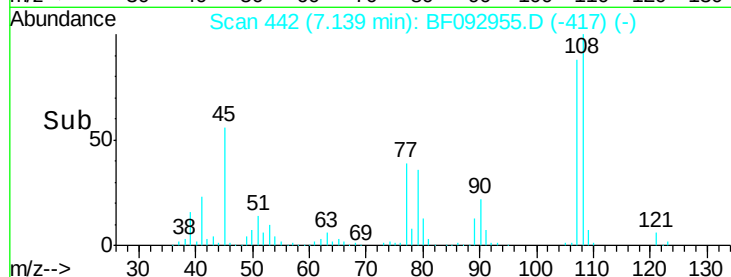
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

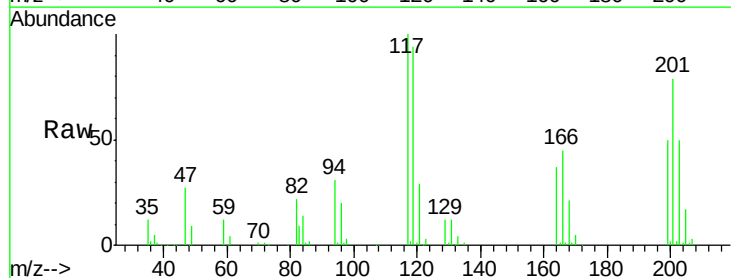
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.86 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.1	117.1
201	78.8	78.6	117.8

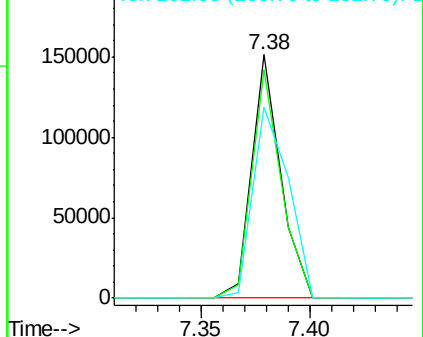
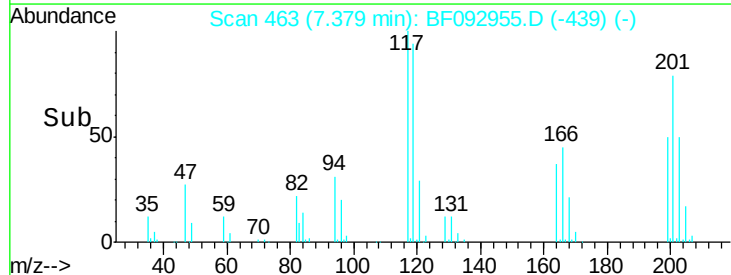


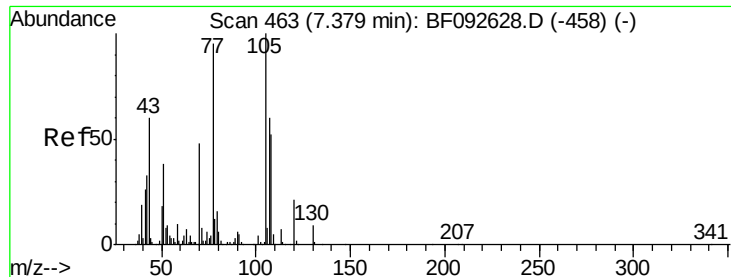
Abundance

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

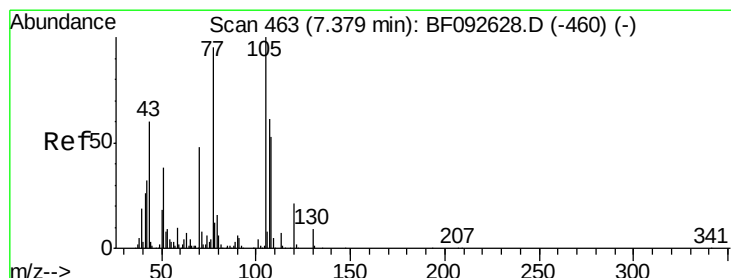
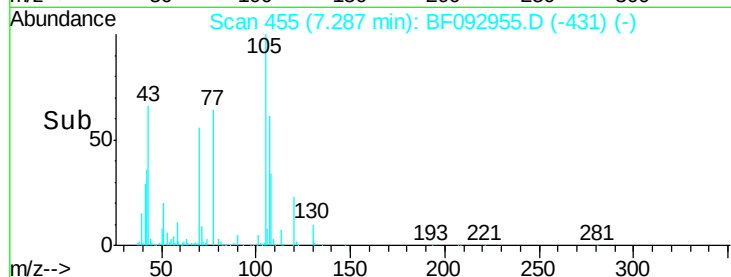
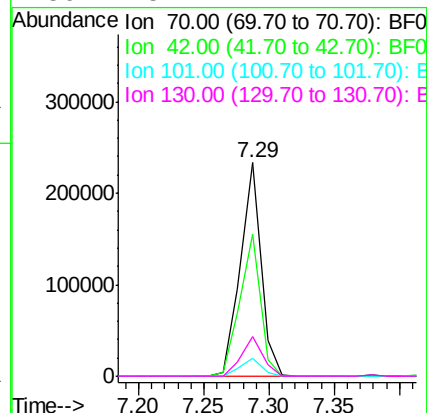
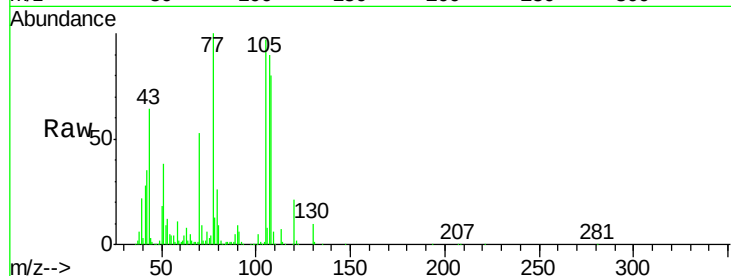




#19
n-Nitroso-di-n-propylamine
Concen: 38.74 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

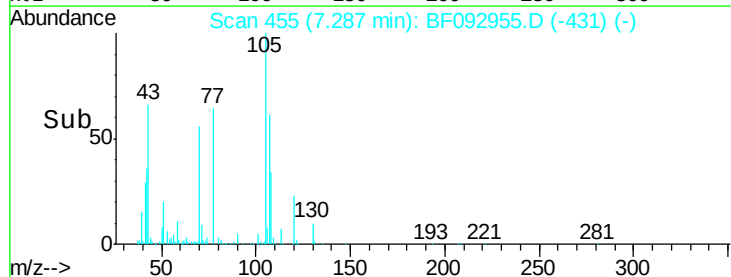
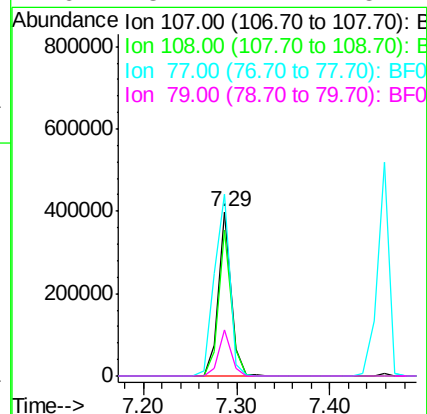
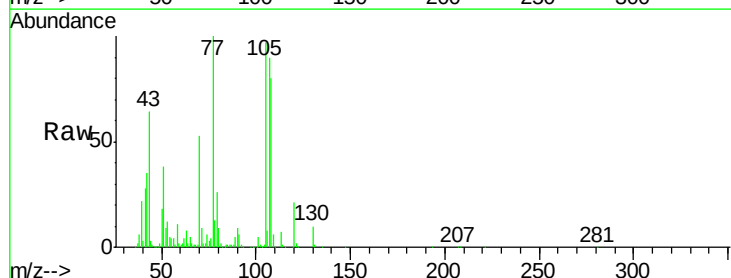
Instrument :
BNA_F
ClientSampleId :

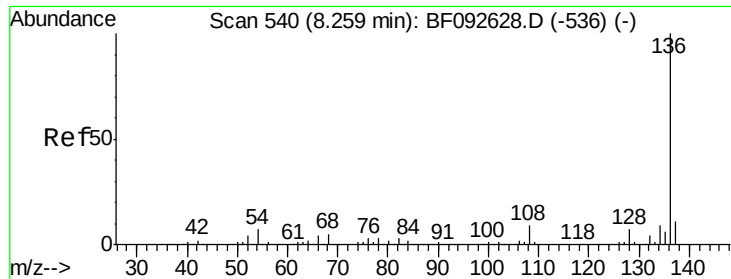
Tot Ion: 70 Resp: 256740
Ion Ratio Lower Upper
70 100
42 66.3 49.4 74.0
101 8.7 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 41.00 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 107 Resp: 375414
Ion Ratio Lower Upper
107 100
108 89.1 73.0 113.0
77 110.7 71.3 111.3
79 28.4 11.1 51.1

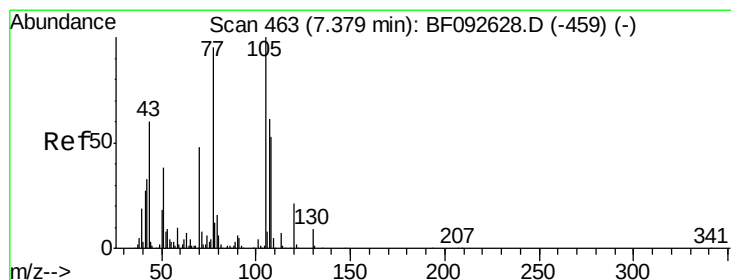
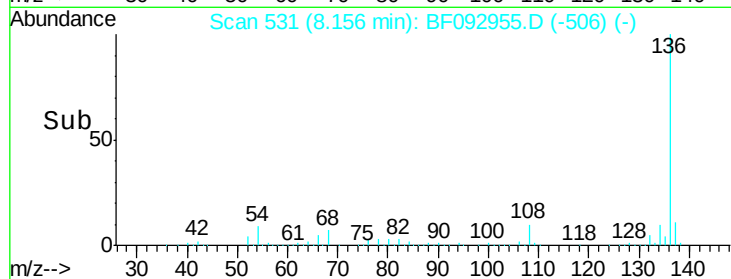
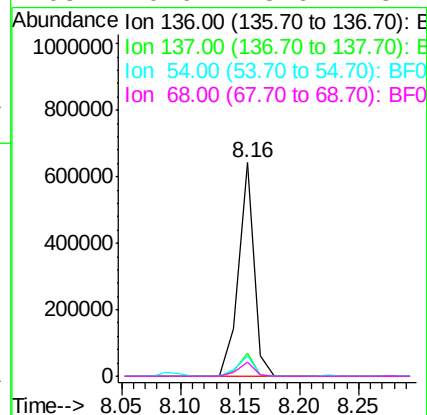
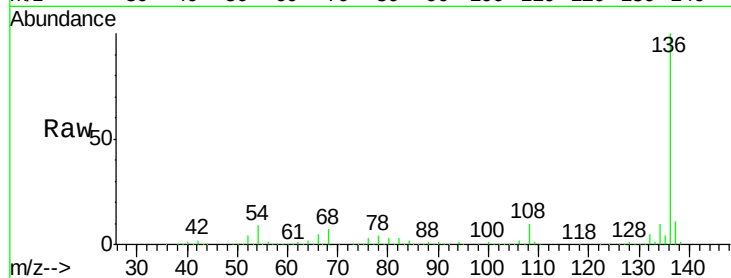




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

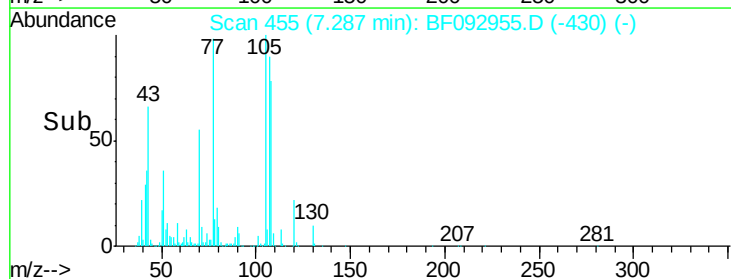
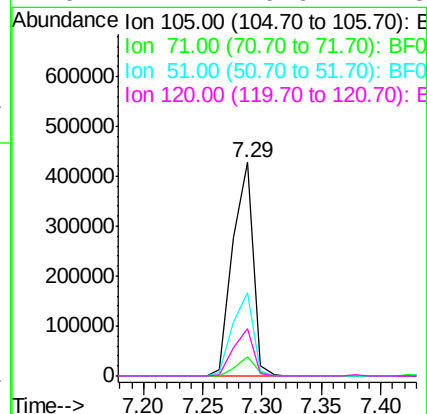
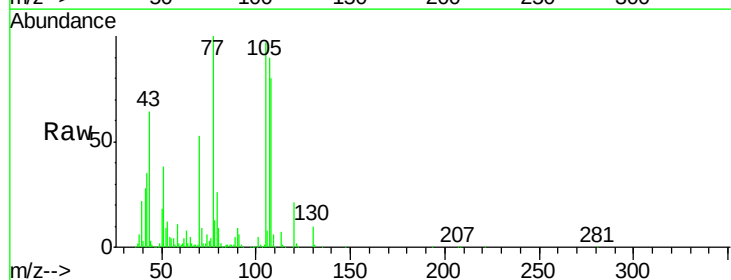
Instrument :
BNA_F
ClientSampled :

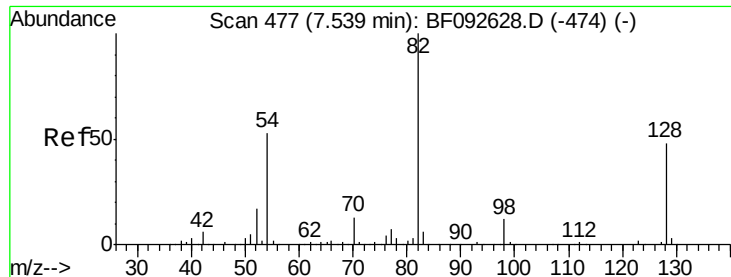
Tot Ion:136	Resp:	581913
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.4 12.6
54	9.4	4.5 6.7#
68	6.6	3.6 5.4#



#22
Acetophenone
Concen: 38.34 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:105	Resp:	509358
Ion Ratio	Lower	Upper
105	100	
71	9.1	3.2 4.8#
51	38.8	26.2 39.4
120	22.2	16.6 24.8

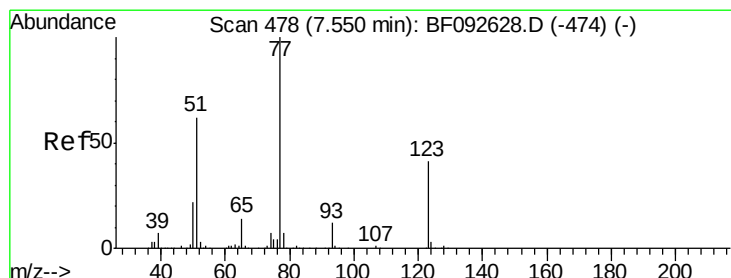
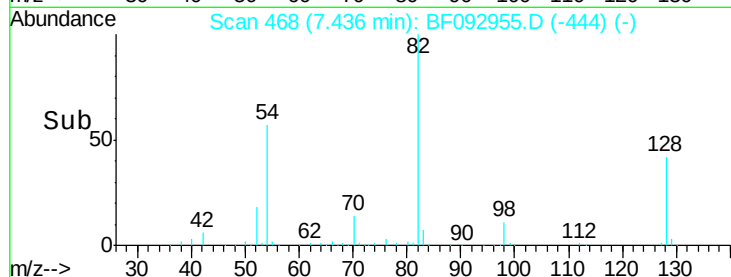
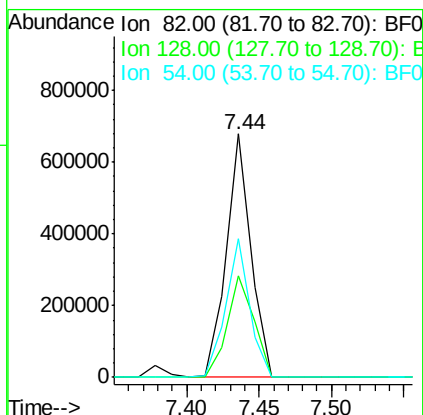
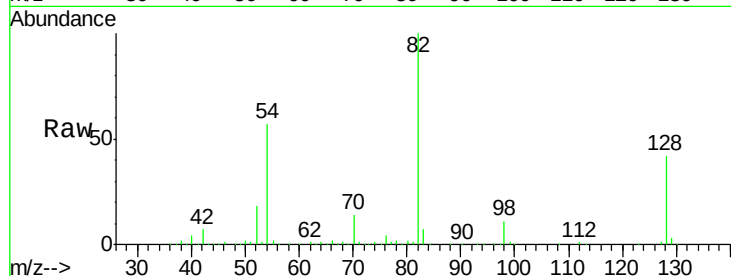




#23
Nitrobenzene-d5
Concen: 76.29 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

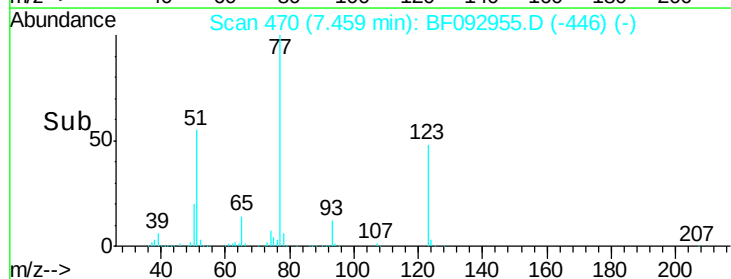
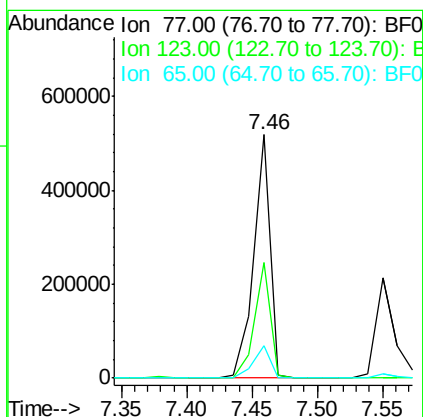
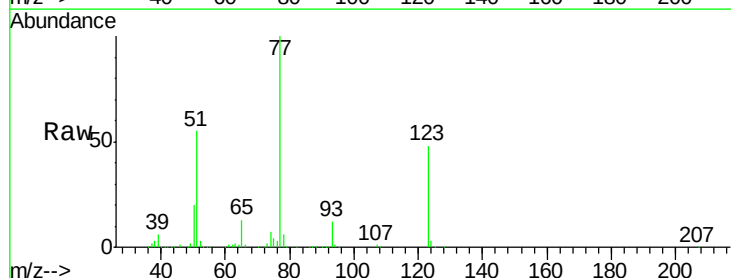
Instrument :
BNA_F
ClientSampled :

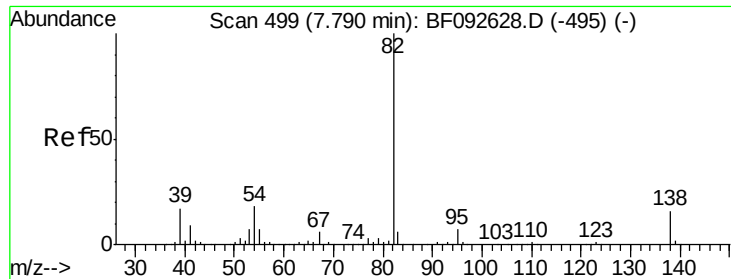
Tot Ion: 82 Resp: 797184
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 57.0 39.5 59.3



#24
Nitrobenzene
Concen: 42.76 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 77 Resp: 458773
Ion Ratio Lower Upper
77 100
123 47.6 33.0 49.4
65 13.5 11.2 16.8





#25

Isophorone

Concen: 40.11 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

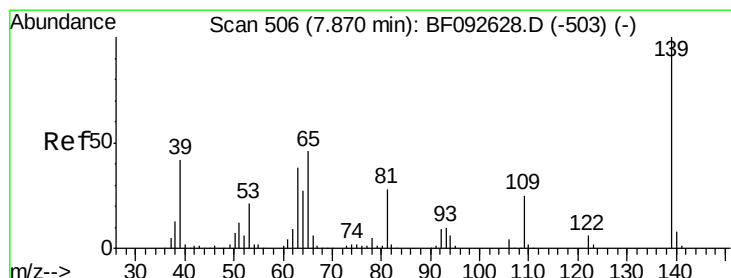
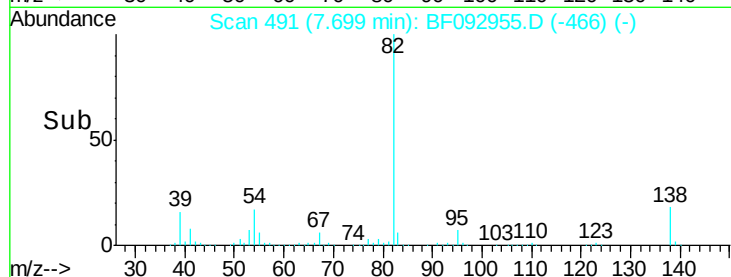
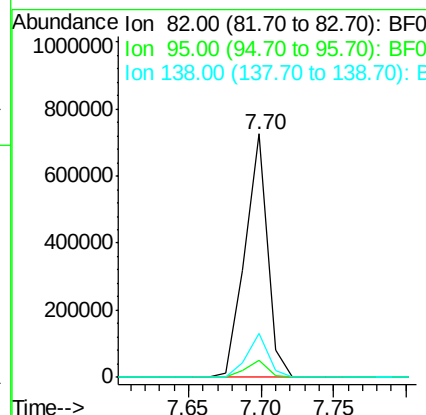
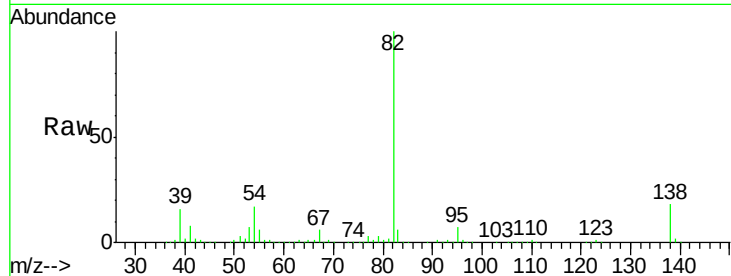
Tot Ion: 82 Resp: 781119

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 41.71 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

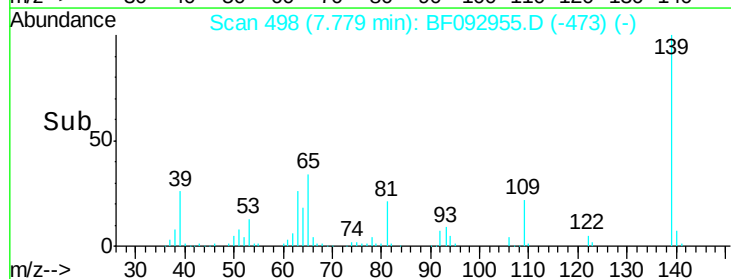
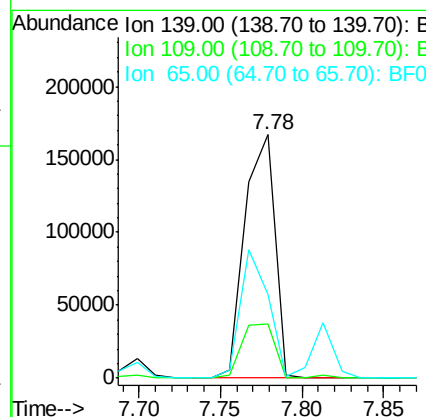
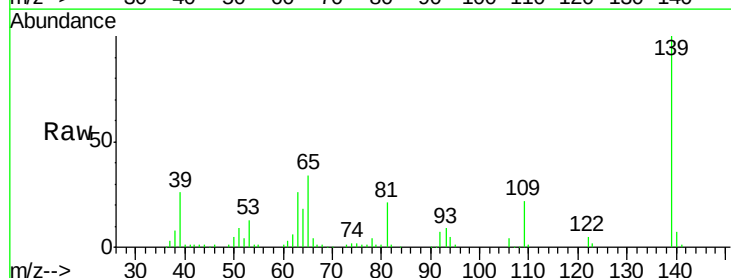
Tgt Ion: 139 Resp: 212733

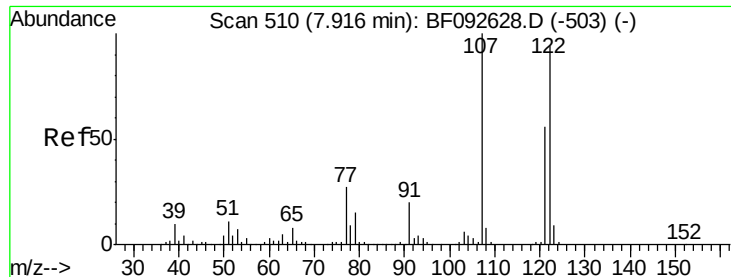
Ion Ratio Lower Upper

139 100

109 22.0 23.3 34.9#

65 34.1 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 38.86 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampled :

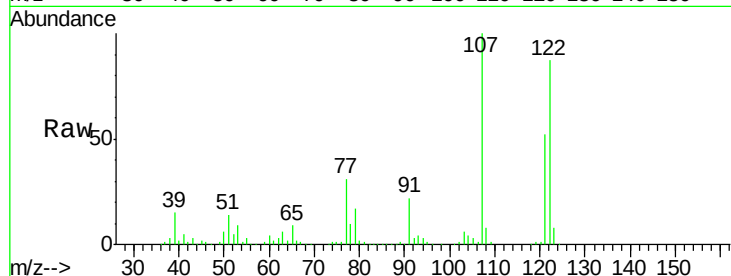
Tot Ion:122 Resp: 348097

Ion Ratio Lower Upper

122 100

107 115.6 94.1 141.1

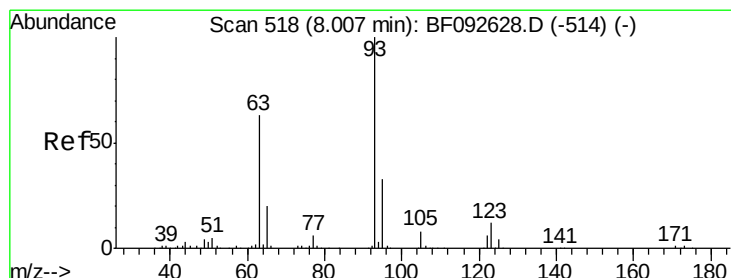
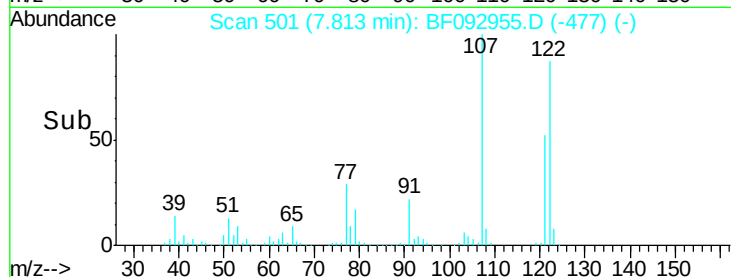
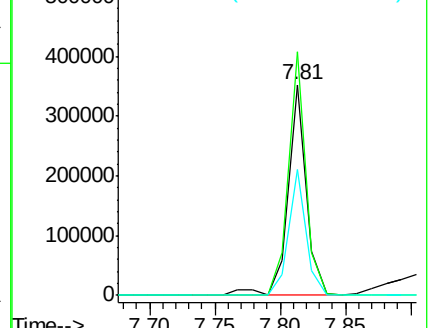
121 59.7 46.0 69.0



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: 35.12 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

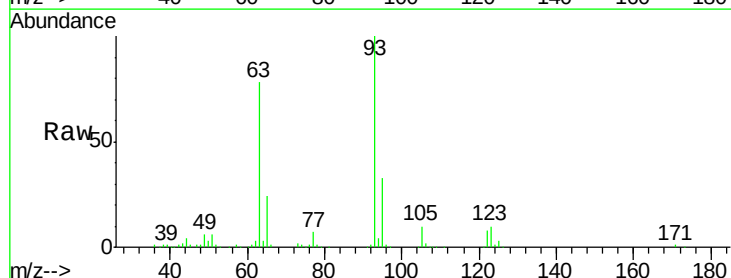
Tgt Ion: 93 Resp: 452919

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

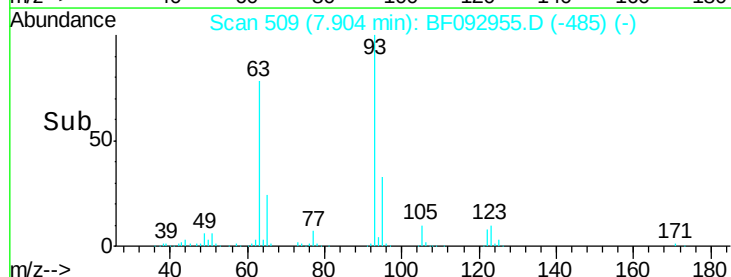
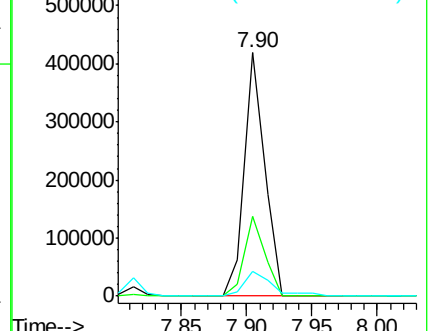
123 10.1 8.6 13.0

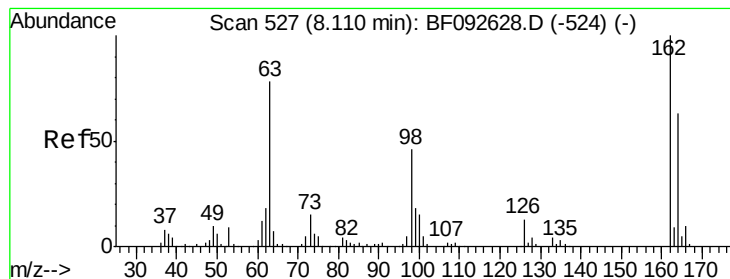


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.10 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampled :

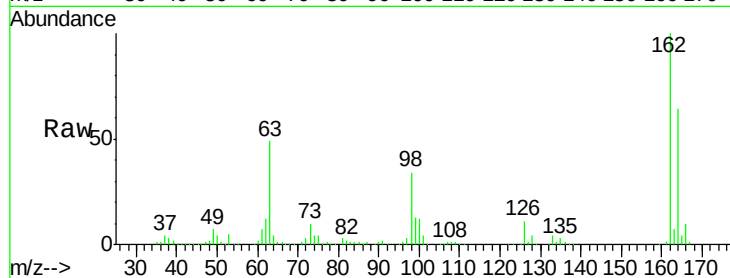
Tot Ion:162 Resp: 360080

Ion Ratio Lower Upper

162 100

164 63.5 46.8 86.8

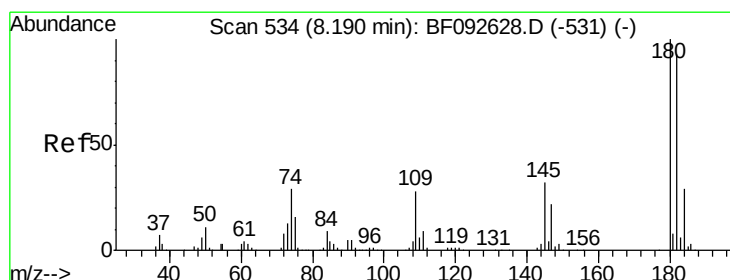
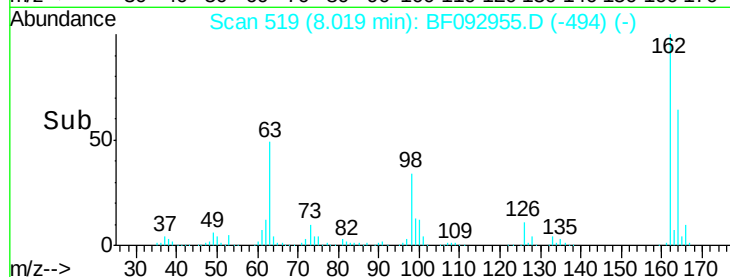
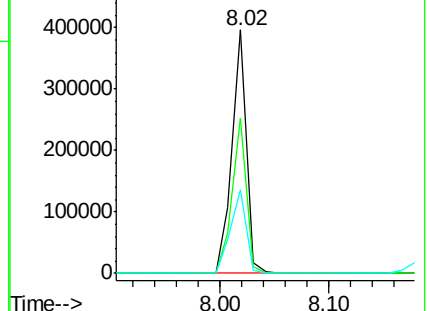
98 34.1 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.48 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

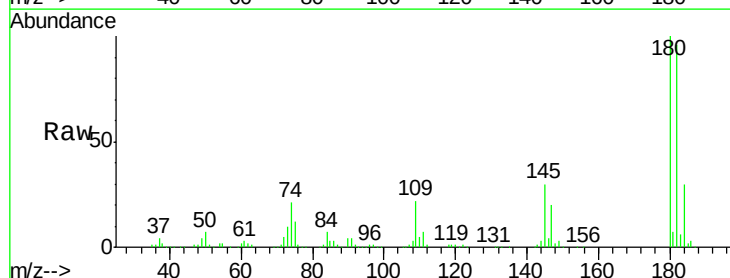
Tgt Ion:180 Resp: 355411

Ion Ratio Lower Upper

180 100

182 96.0 78.2 117.4

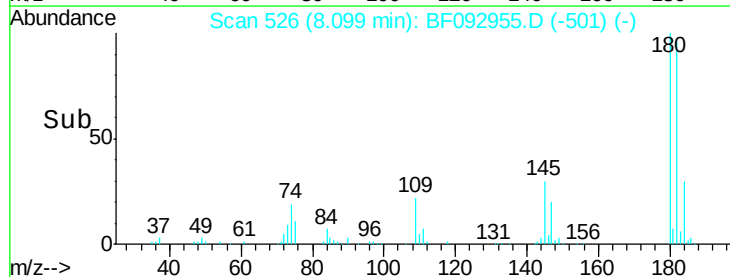
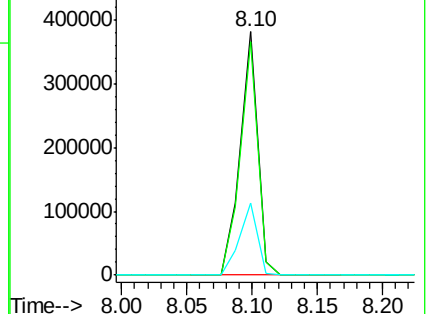
145 29.8 21.6 32.4

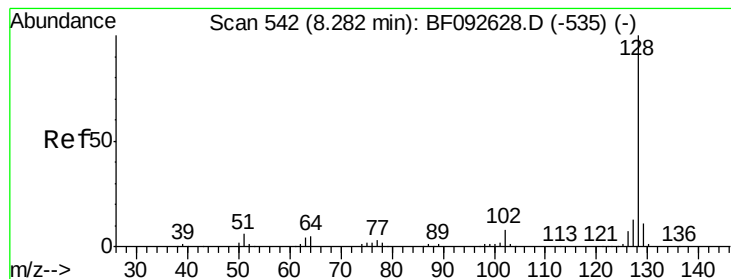


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.81 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

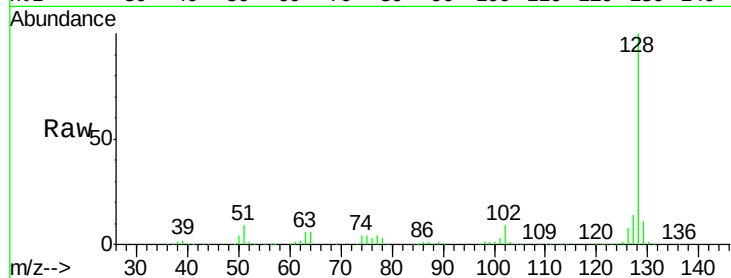
Tot Ion:128 Resp: 1115354

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

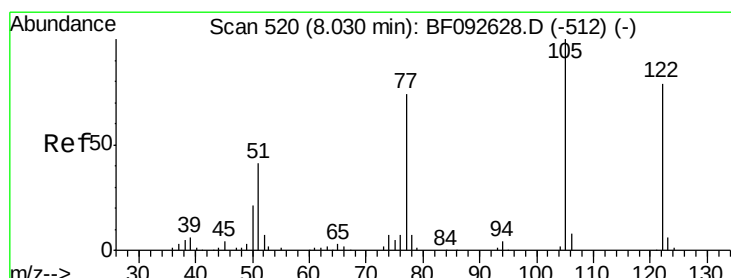
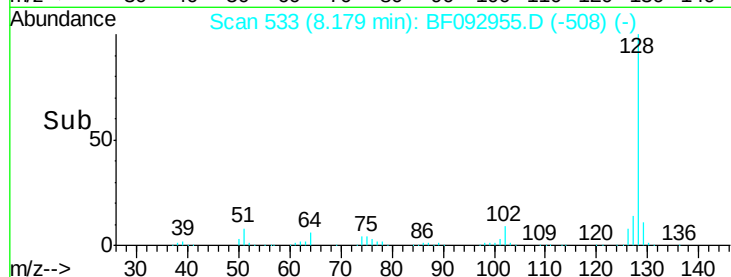
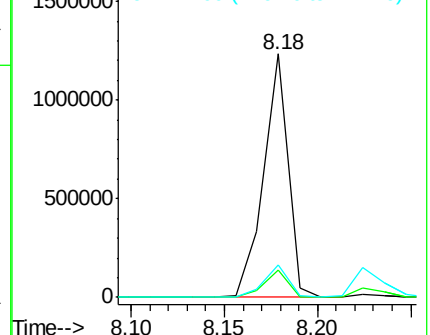
127 13.6 10.8 16.2



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: 47.81 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

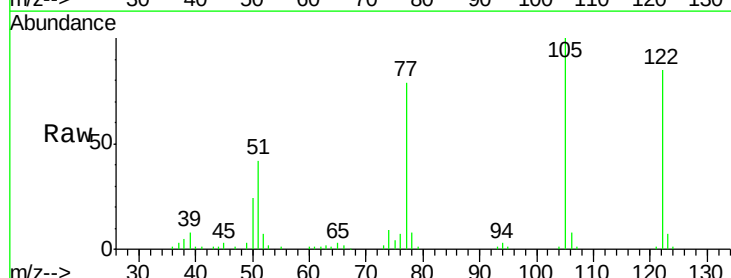
Tgt Ion:122 Resp: 242476

Ion Ratio Lower Upper

122 100

105 118.1 107.2 147.2

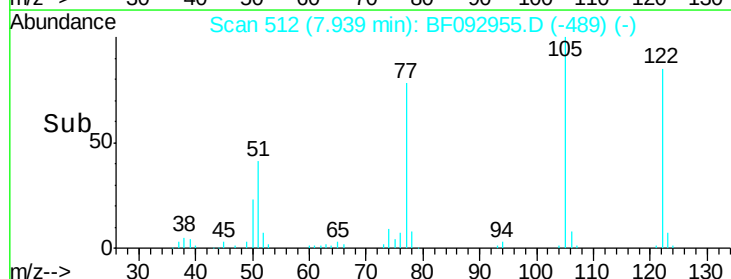
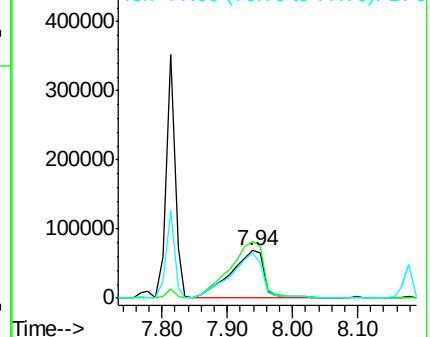
77 93.7 74.5 114.5

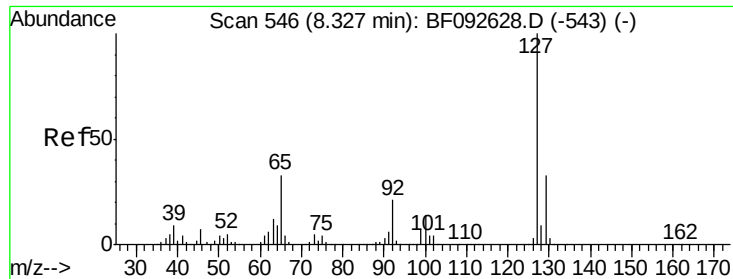


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

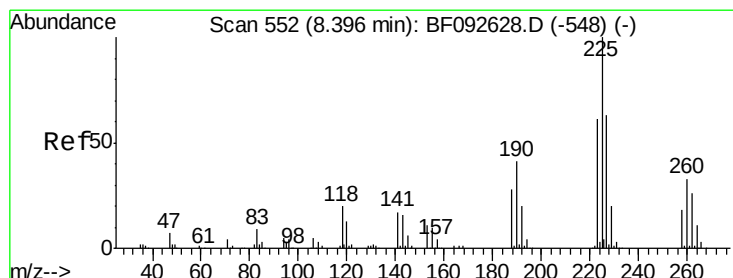
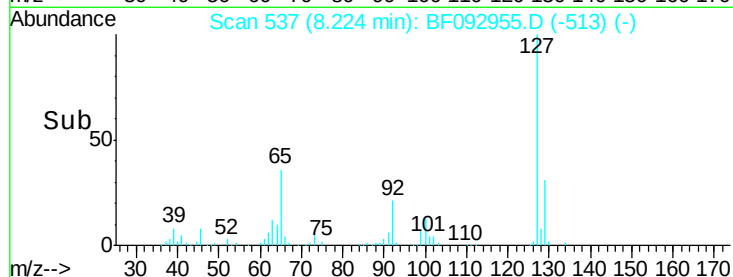
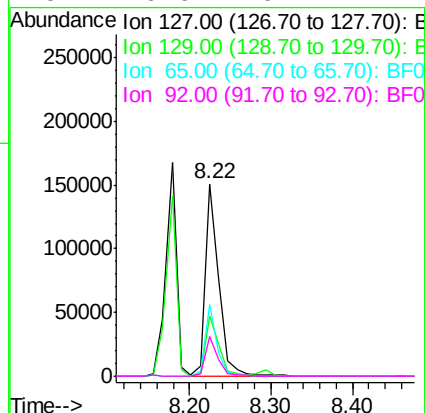
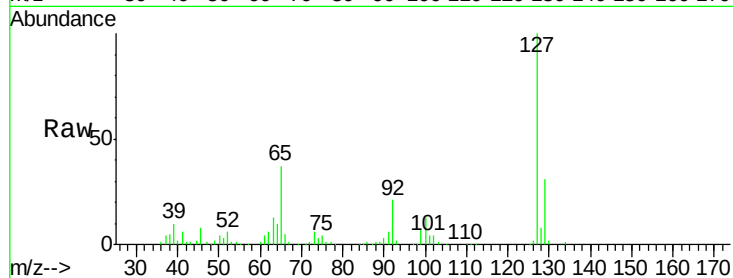




#33
4-Chloroaniline
Concen: 15.37 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

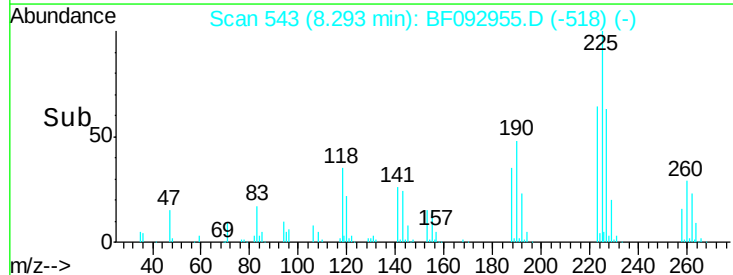
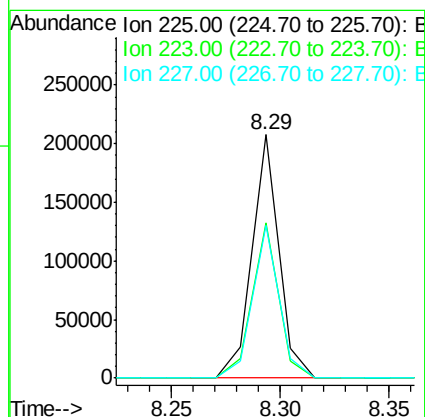
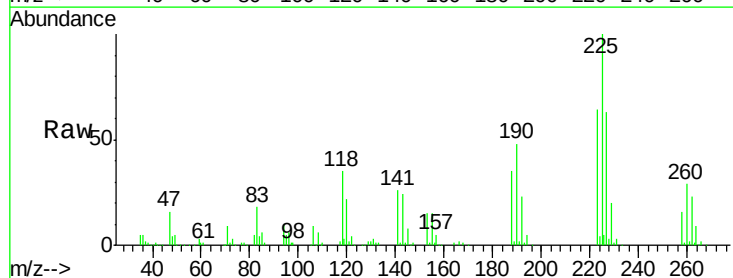
Instrument :
BNA_F
ClientSampled :

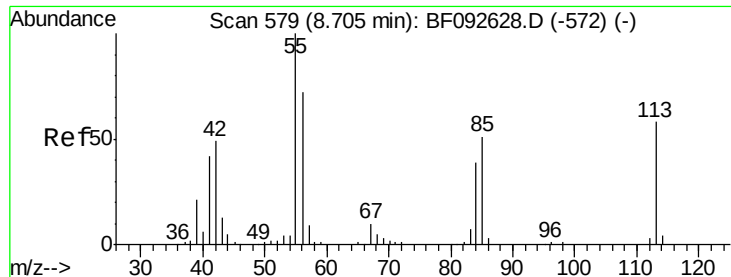
Tot Ion:	127	Resp:	177826
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	37.4	25.8	38.8
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 35.92 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:	225	Resp:	177922
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	62.7	50.6	76.0

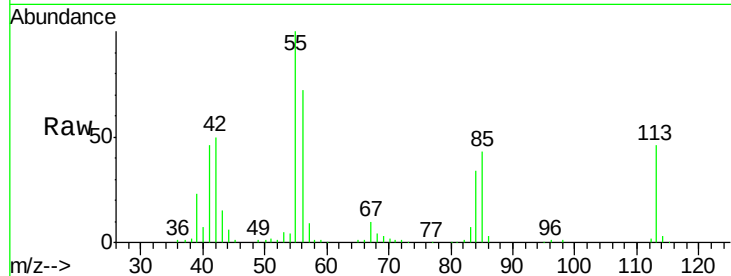




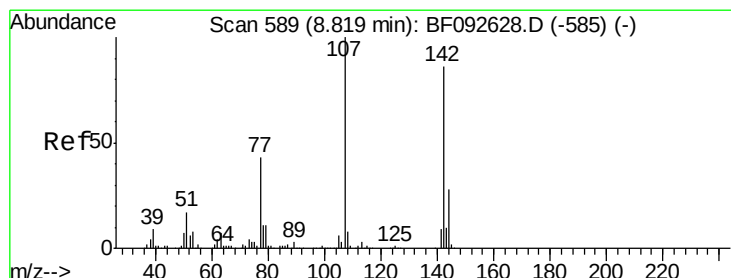
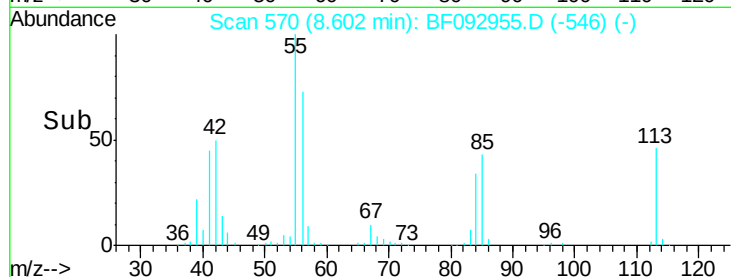
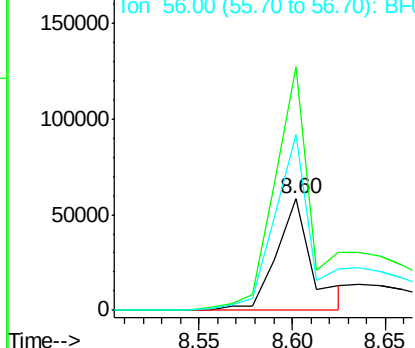
#35
 Caprolactam
 Concen: 29.37 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 77186
 Ion Ratio Lower Upper
 113 100
 55 218.1 119.2 159.2#
 56 157.8 83.8 123.8#

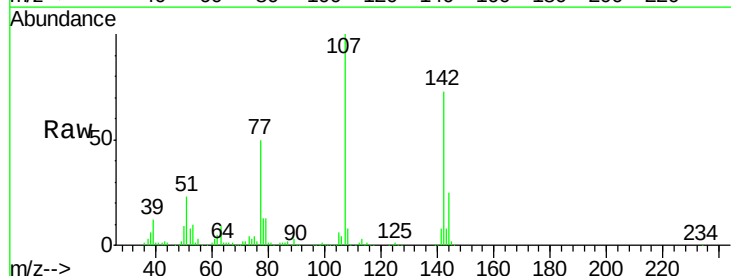


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

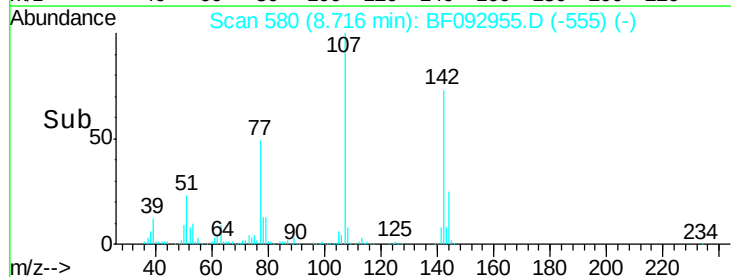
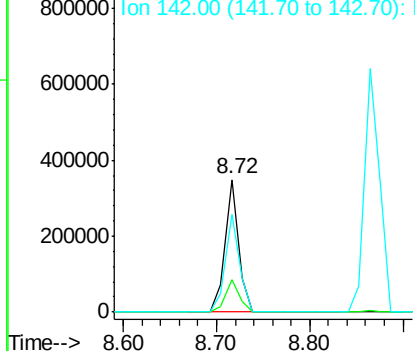


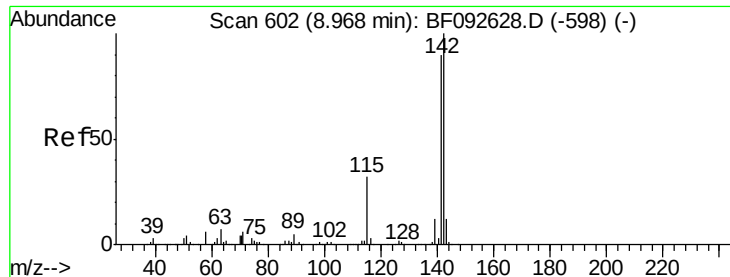
#36
 4-Chloro-3-methylphenol
 Concen: 40.85 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:107 Resp: 355789
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.3 28.9
 142 73.5 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

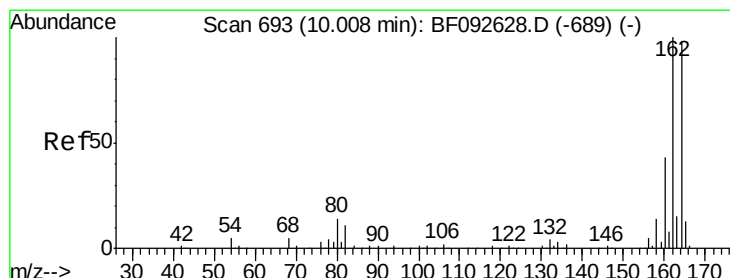
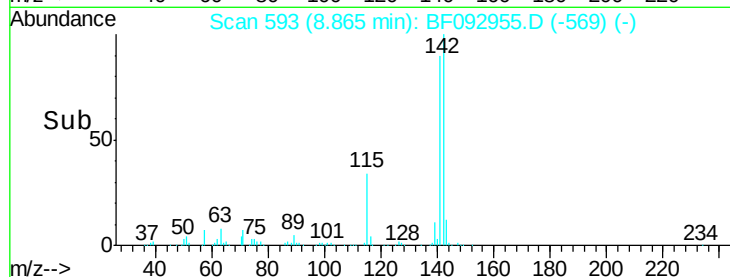
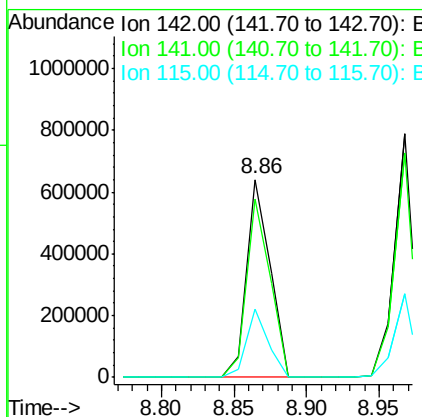
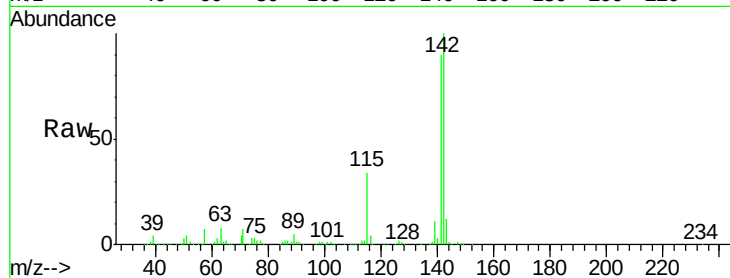




#37
2-Methylnaphthalene
Concen: 38.05 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

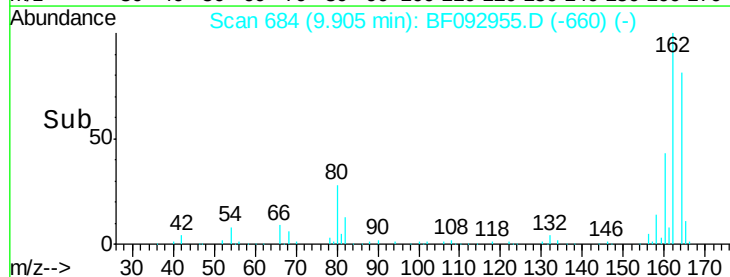
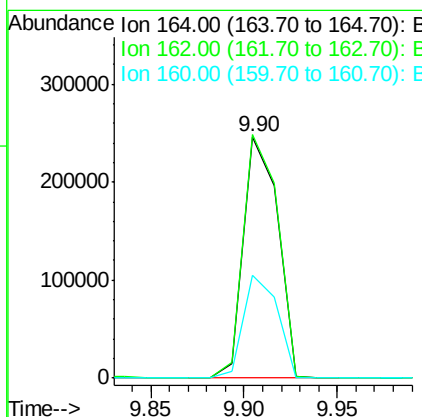
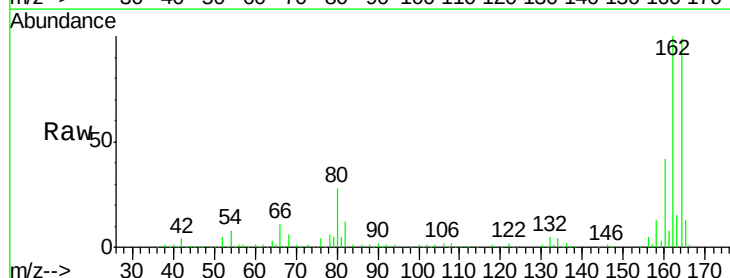
Instrument :
BNA_F
ClientSampleId :

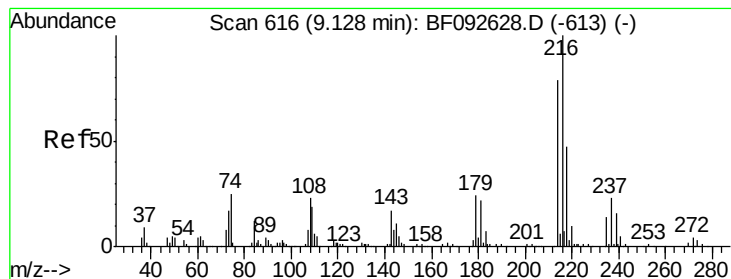
Tot Ion:142 Resp: 720660
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 34.2 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:164 Resp: 315459
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 42.8 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.31 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 339243

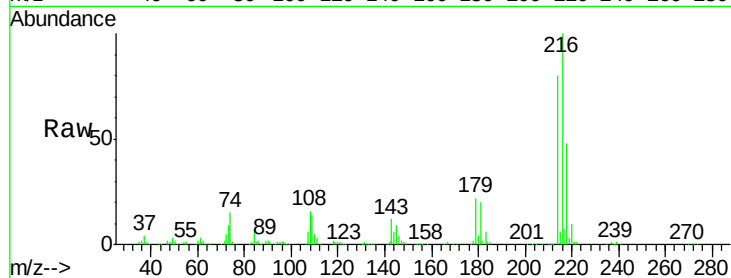
Ion Ratio Lower Upper

216 100

214 80.6 63.4 95.0

179 22.2 17.4 26.2

108 20.7 15.6 23.4

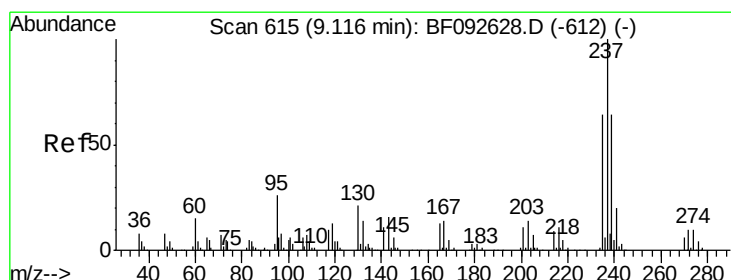
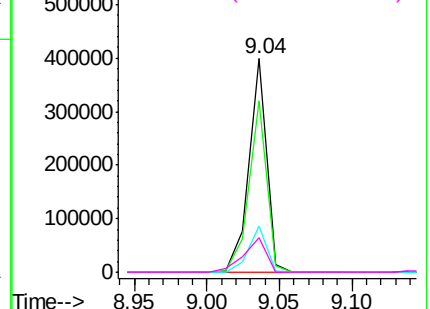
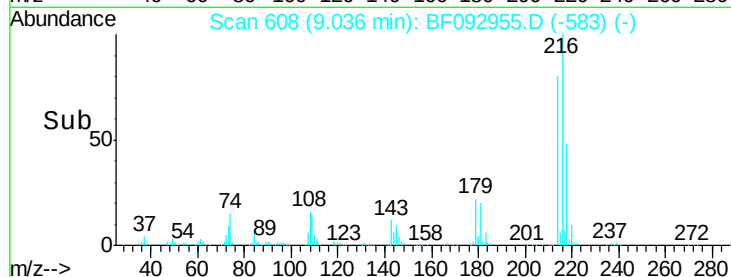


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.39 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

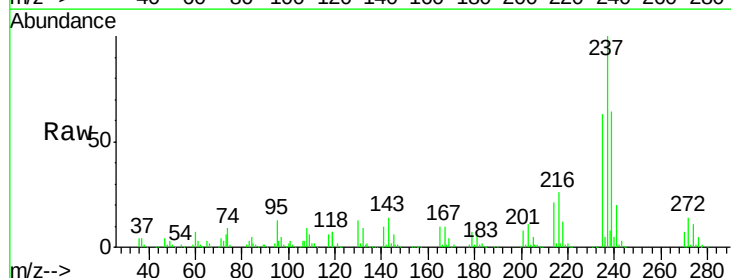
Tgt Ion:237 Resp: 301211

Ion Ratio Lower Upper

237 100

235 62.9 41.2 81.2

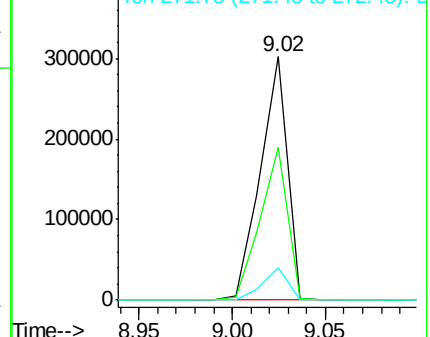
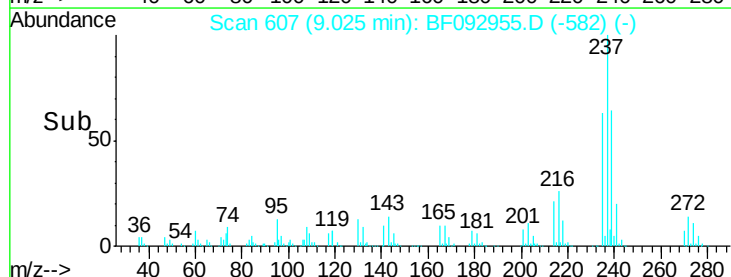
272 13.5 0.0 35.4

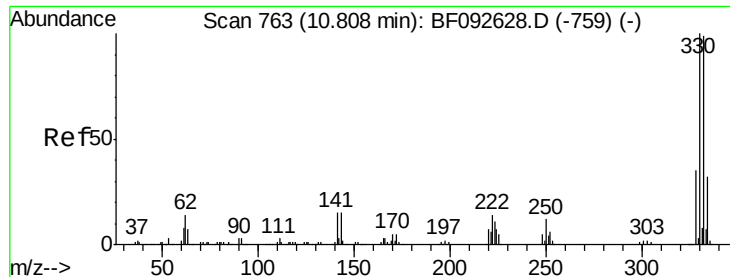


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

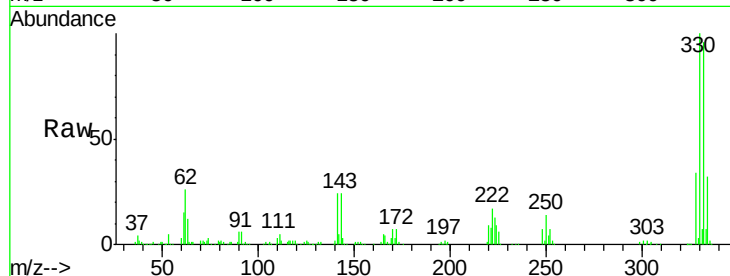




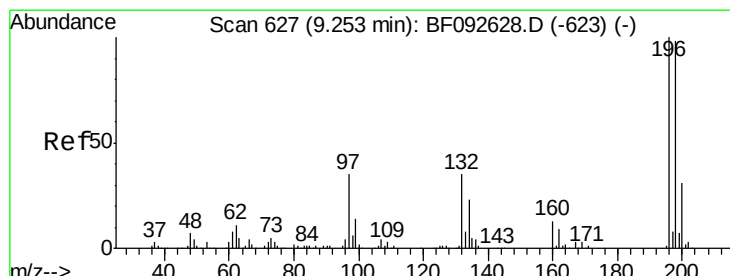
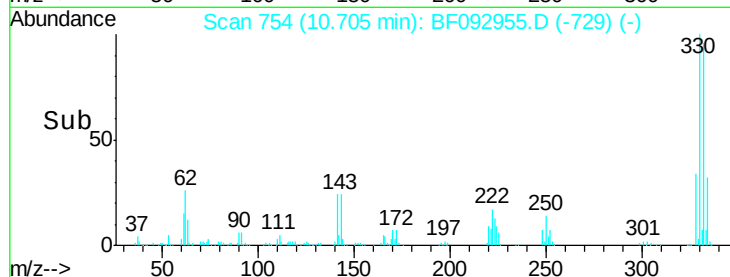
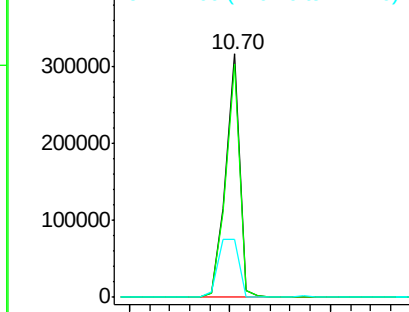
#41
 2,4,6-Tribromophenol
 Concen: 135.62 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 309431
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 35.6 34.1 51.1

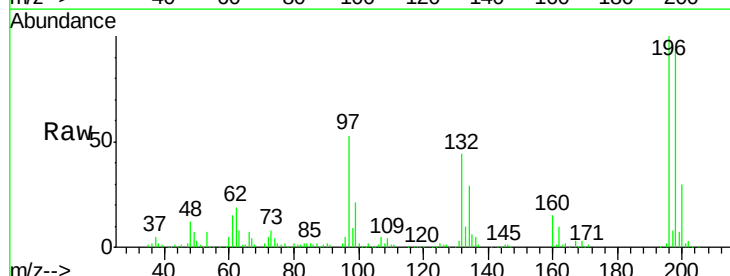


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

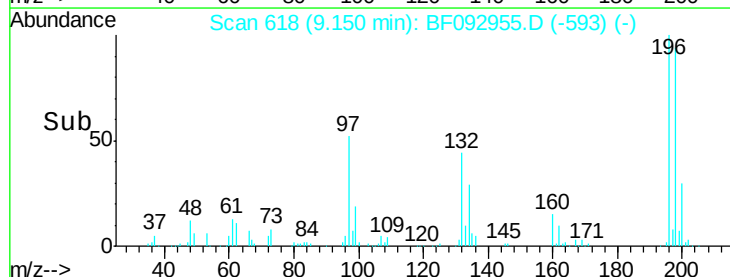
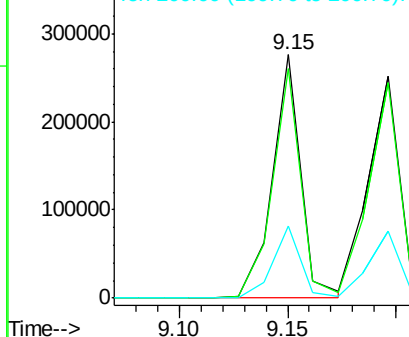


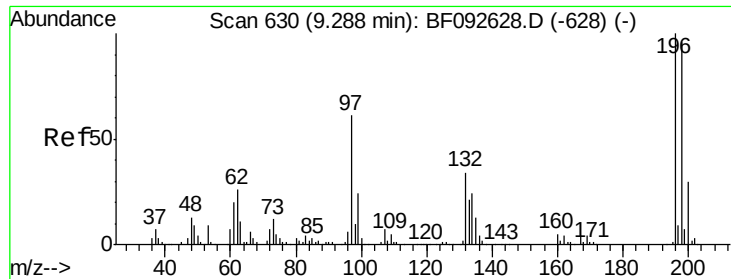
#42
 2,4,6-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:196 Resp: 252449
 Ion Ratio Lower Upper
 196 100
 198 94.1 82.1 123.1
 200 29.6 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

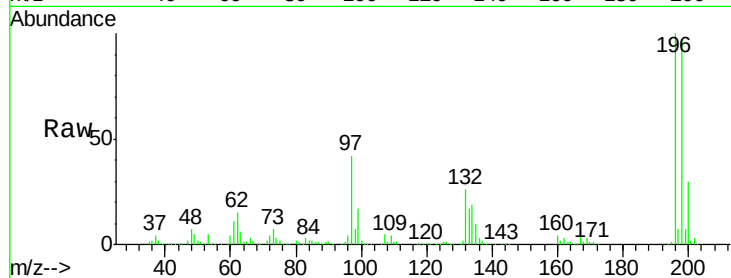




#43
 2,4,5-Trichlorophenol
 Concen: 39.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	79.4	119.2
97	41.9	51.5	77.3#
132	26.4	27.4	41.2#



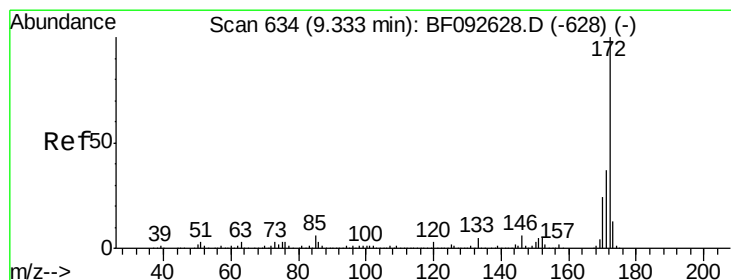
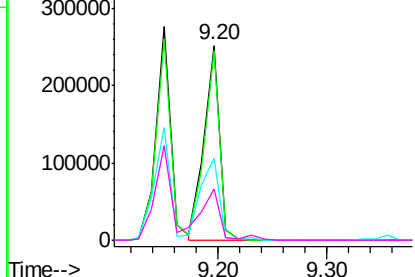
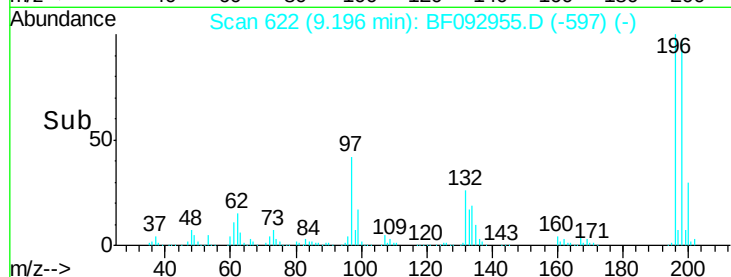
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

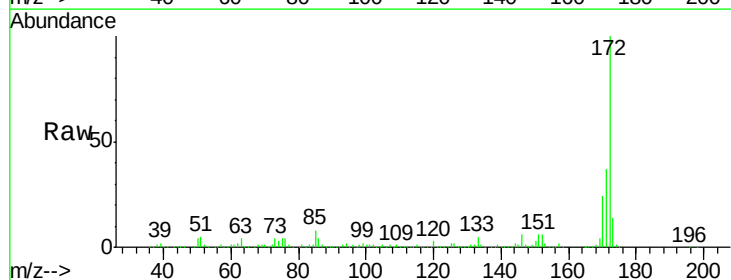
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.5	20.2	30.4

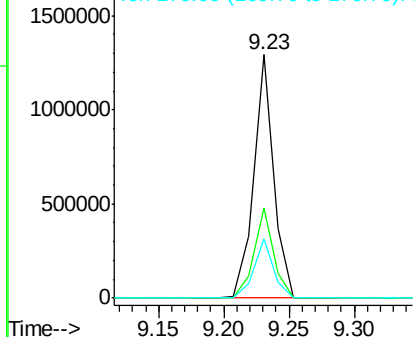
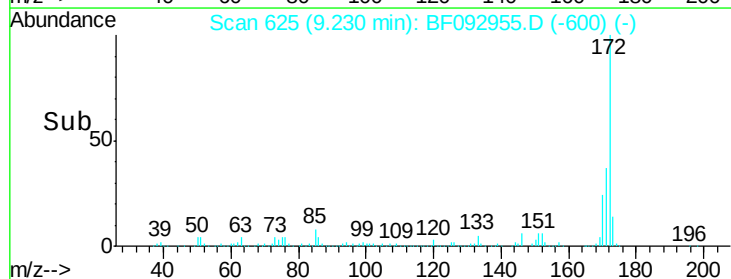


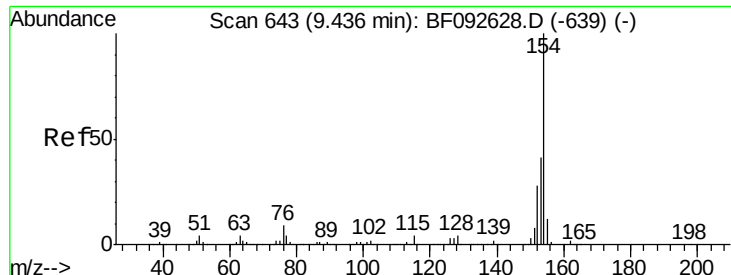
Abundance

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

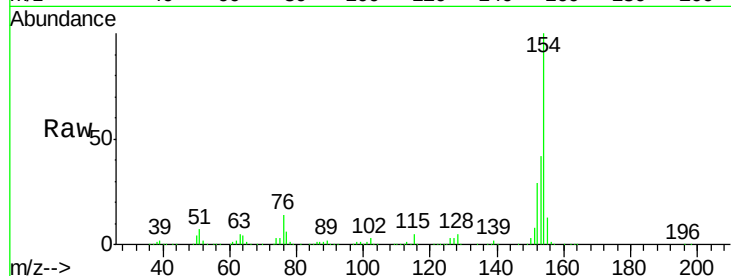




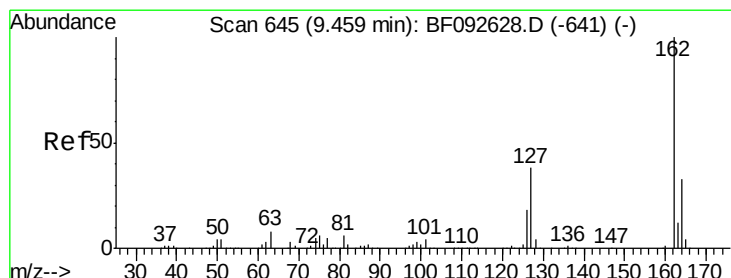
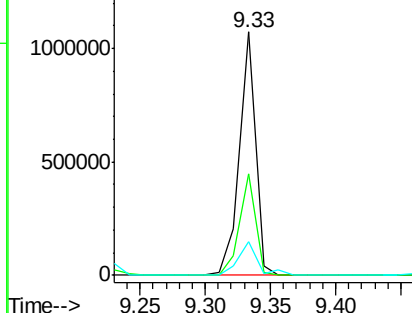
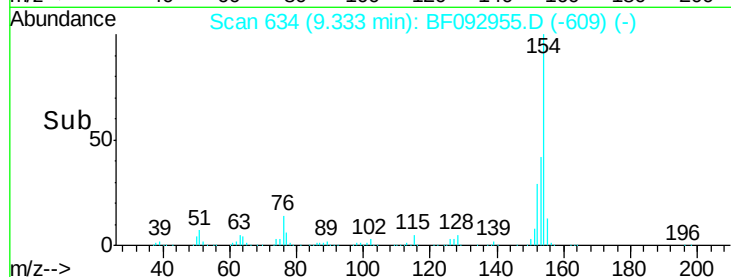
#45
 1,1'-Biphenyl
 Concen: 40.02 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	154	Resp:	914123
Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	13.7	0.0	30.5

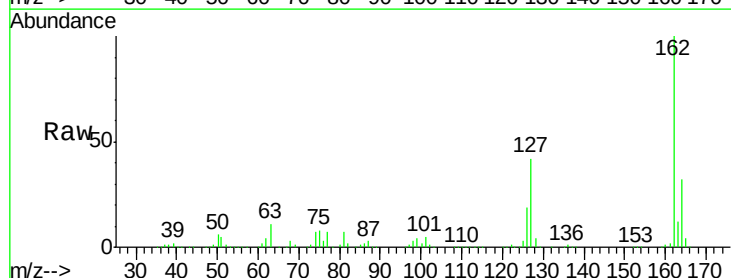


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

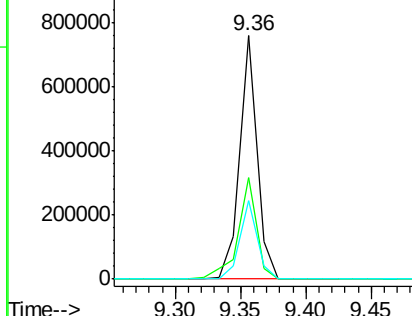
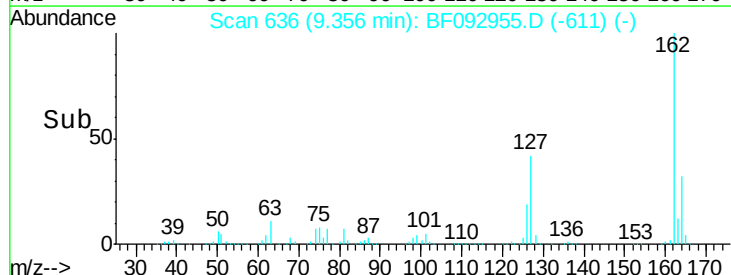


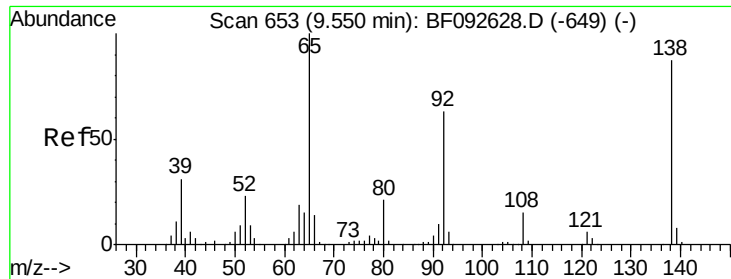
#46
 2-Chloronaphthalene
 Concen: 38.95 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:	162	Resp:	696036
Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	32.4	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

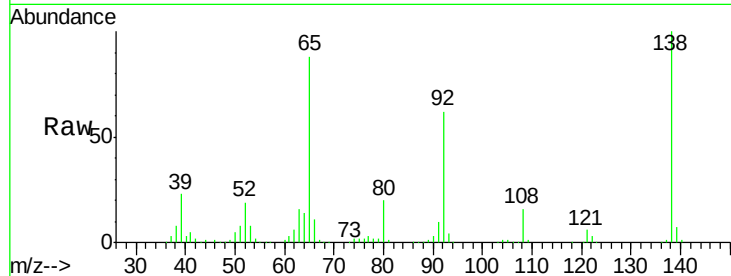




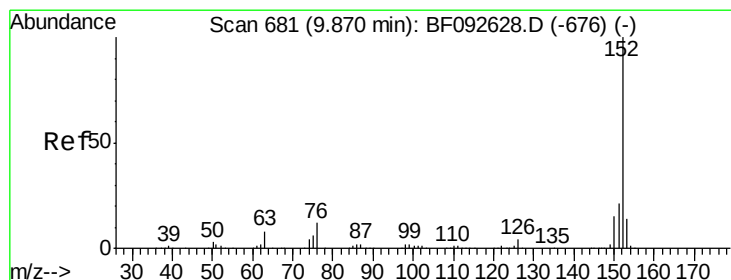
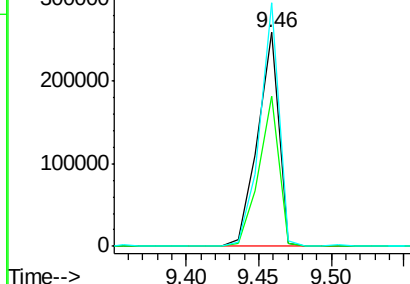
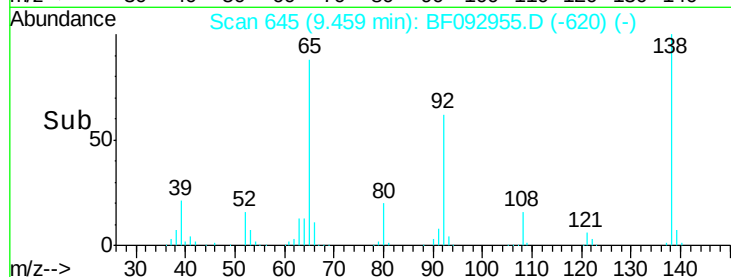
#47
2-Nitroaniline
Concen: 43.60 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 261966
Ion Ratio Lower Upper
65 100
92 70.1 53.9 80.9
138 113.9 76.8 115.2

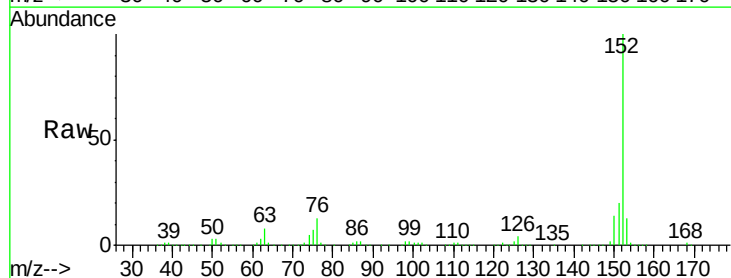


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

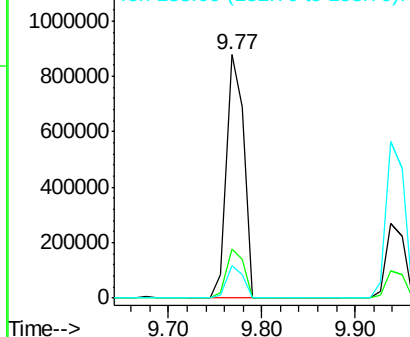
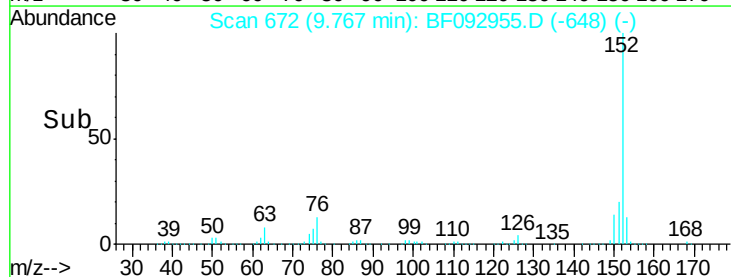


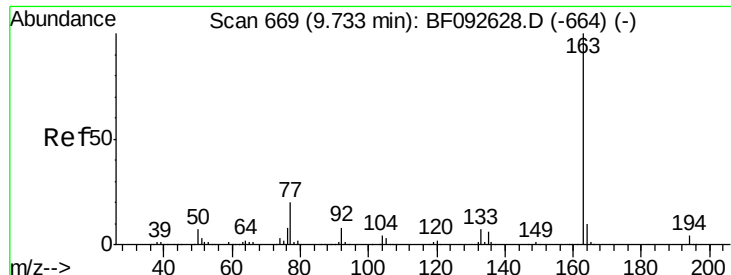
#48
Acenaphthylene
Concen: 36.93 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 152 Resp: 1140050
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.3 11.4 17.2



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

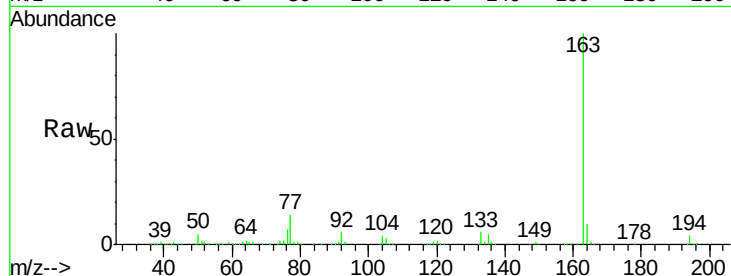




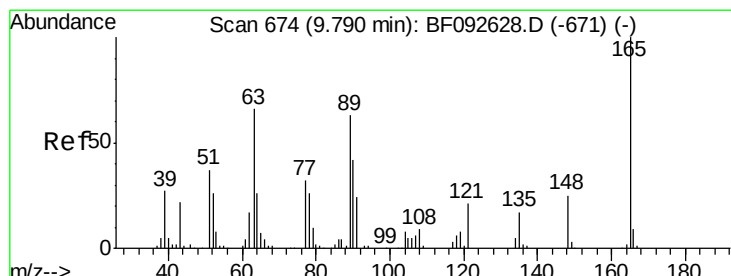
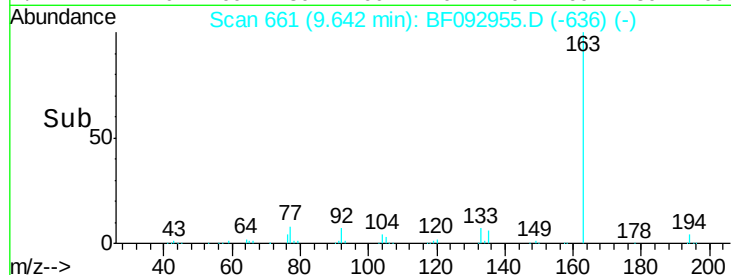
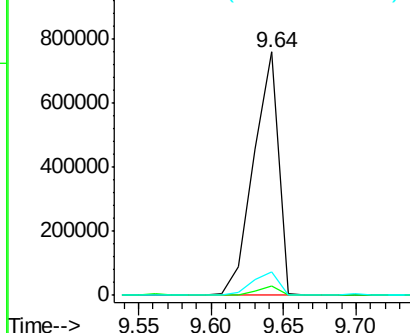
#49
Dimethylphthalate
Concen: 42.50 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 903124
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

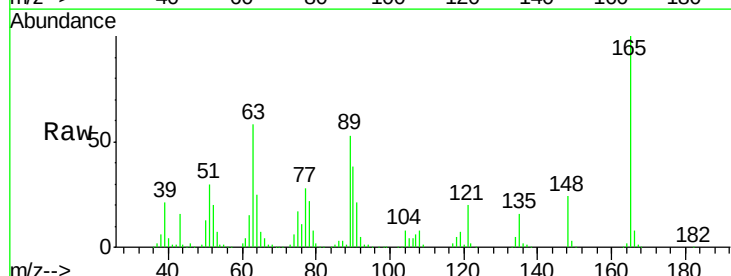


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

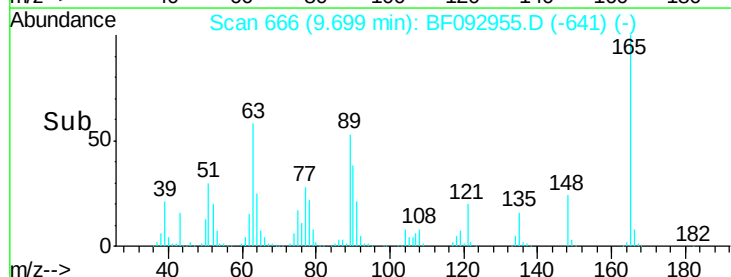
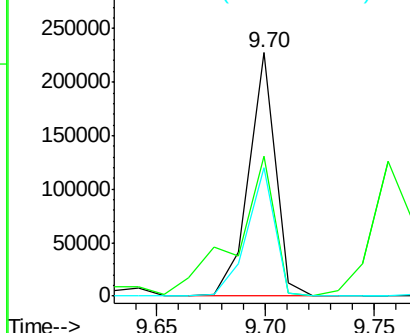


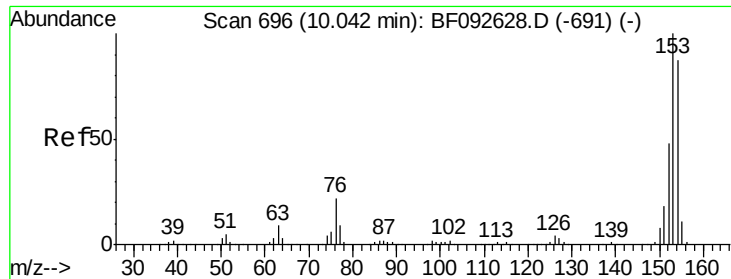
#50
2,6-Dinitrotoluene
Concen: 42.35 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:165 Resp: 194334
Ion Ratio Lower Upper
165 100
63 57.6 36.2 54.4#
89 52.7 40.2 60.4



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





#51

Acenaphthene

Concen: 40.52 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

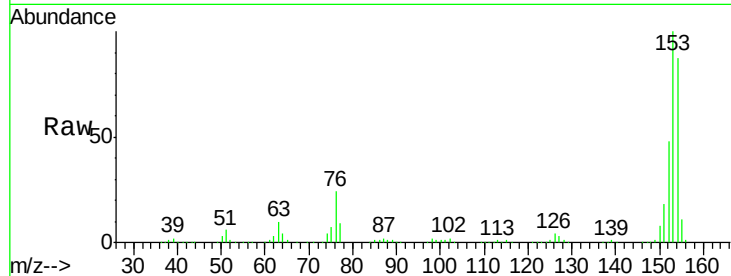
Tot Ion:154 Resp: 747779

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

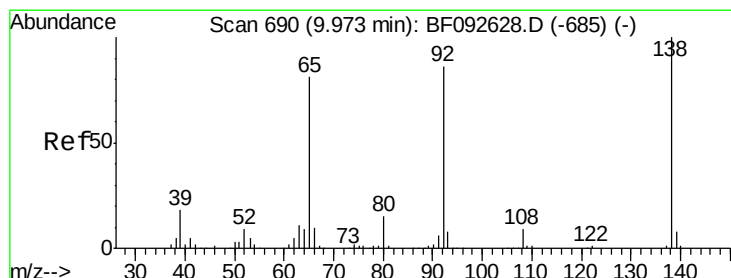
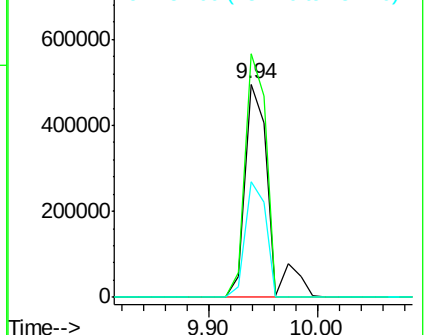
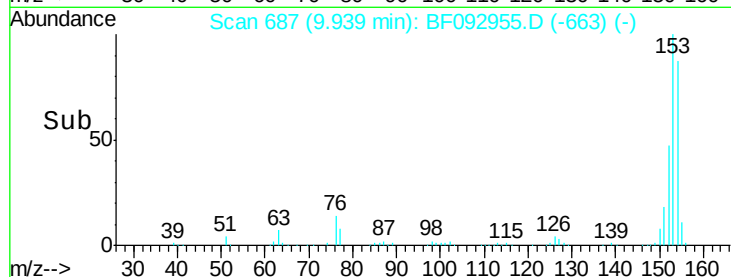
152 54.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.23 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

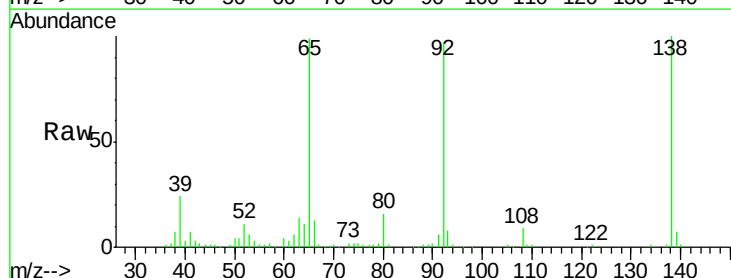
Tgt Ion:138 Resp: 116733

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

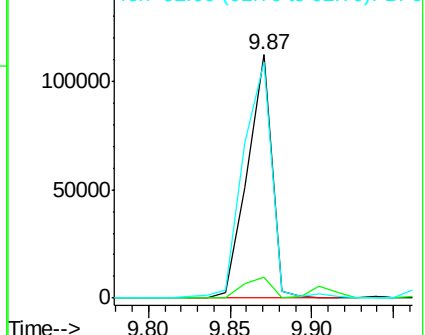
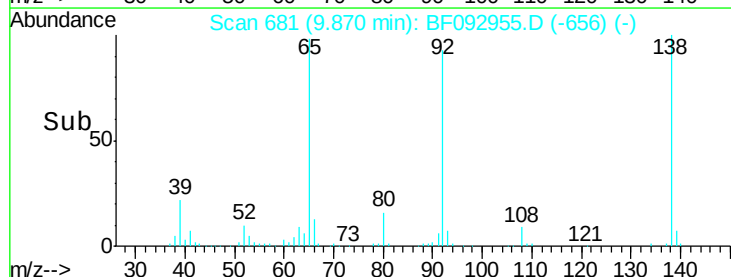
92 96.8 97.8 146.8#

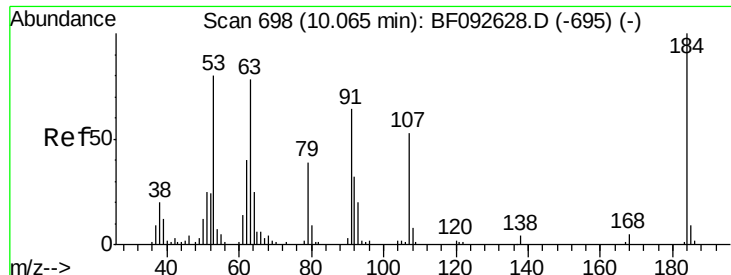


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

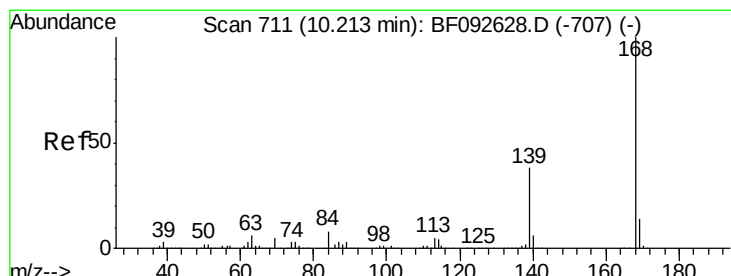
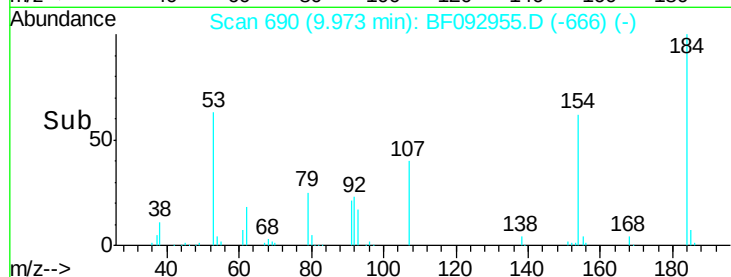
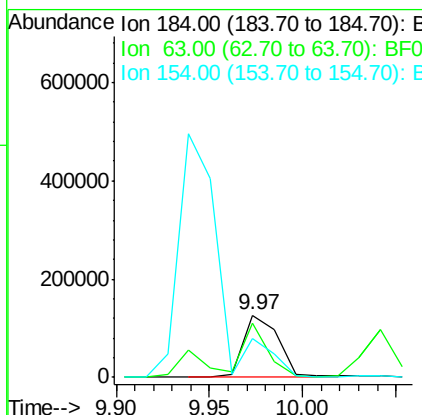
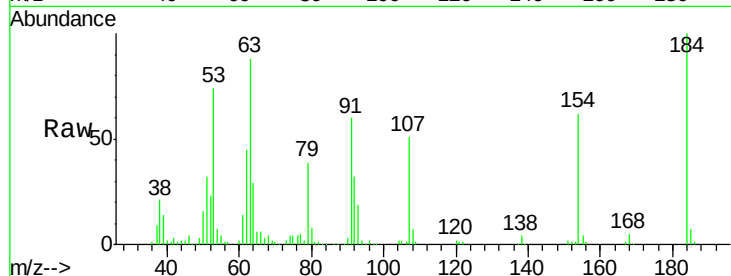




#53
2,4-Dinitrophenol
Concen: 71.90 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

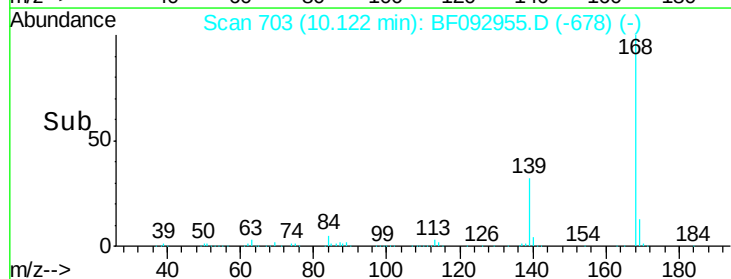
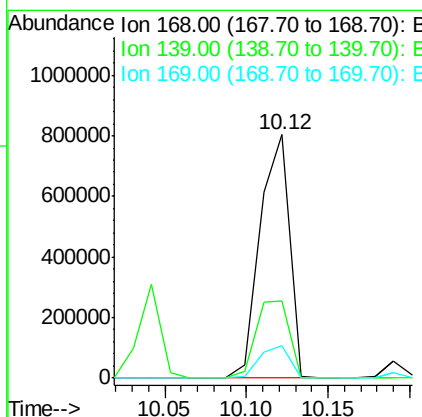
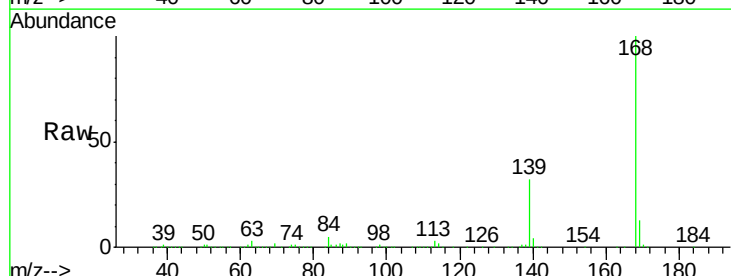
Instrument :
BNA_F
ClientSampleId :

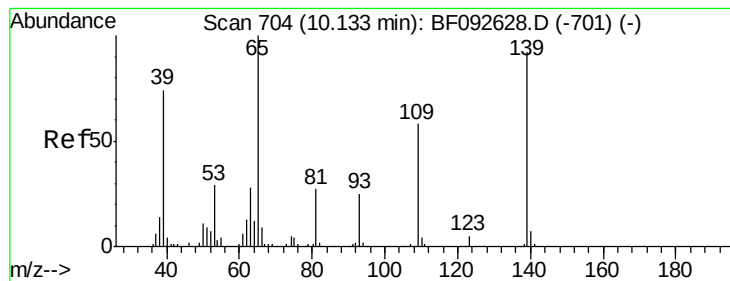
Tot Ion:184 Resp: 166647
Ion Ratio Lower Upper
184 100
63 87.6 28.4 42.6#
154 61.8 44.3 66.5



#54
Dibenzofuran
Concen: 40.79 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:168 Resp: 1007035
Ion Ratio Lower Upper
168 100
139 31.5 32.6 49.0#
169 13.2 11.3 16.9





#55

4-Nitrophenol

Concen: 79.32 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

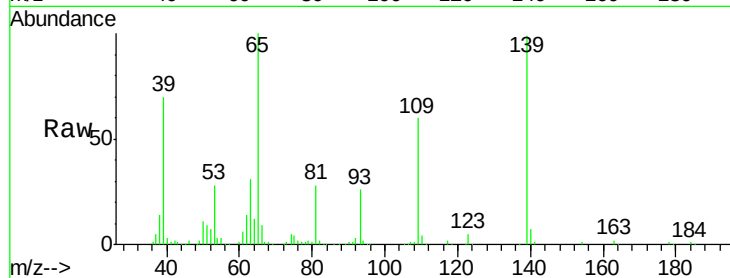
Tot Ion:139 Resp: 299998

Ion Ratio Lower Upper

139 100

109 60.8 52.2 92.2

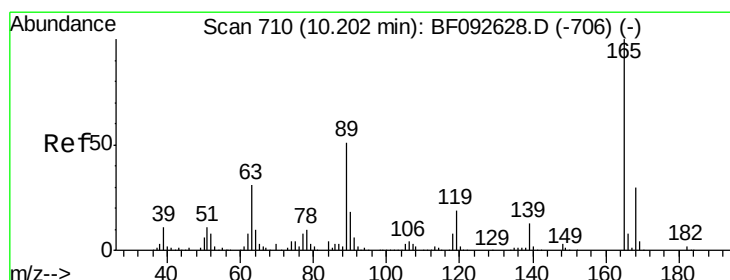
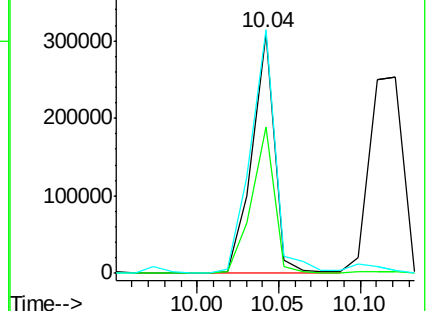
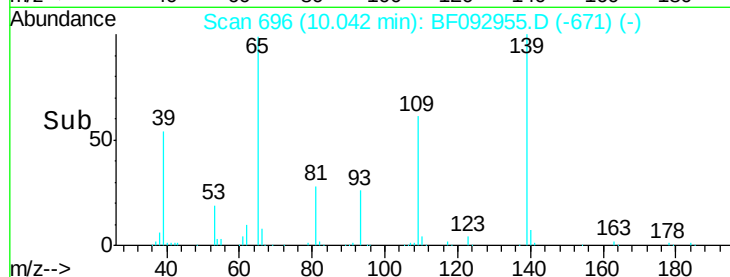
65 101.3 85.8 125.8



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: 40.55 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Tgt Ion:165 Resp: 247747

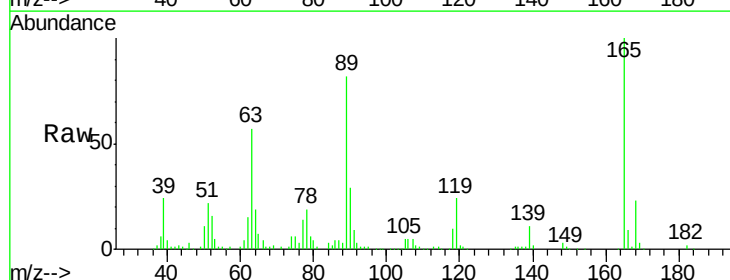
Ion Ratio Lower Upper

165 100

63 57.2 40.2 60.4

89 81.8 62.5 93.7

182 2.0 1.8 2.8

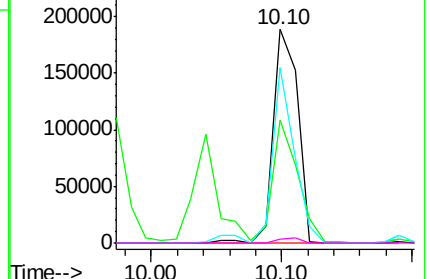
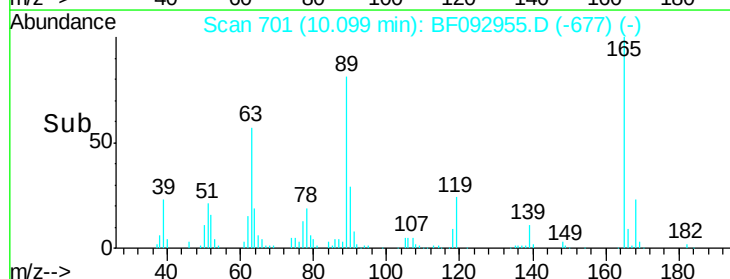


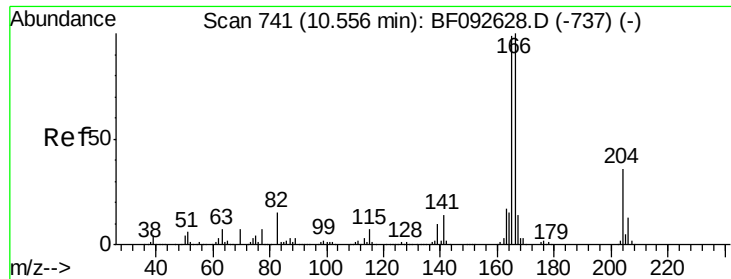
Abundance Ion 165.00 (164.70 to 165.70): E

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

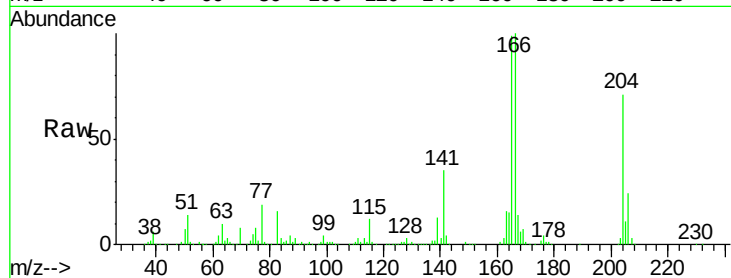




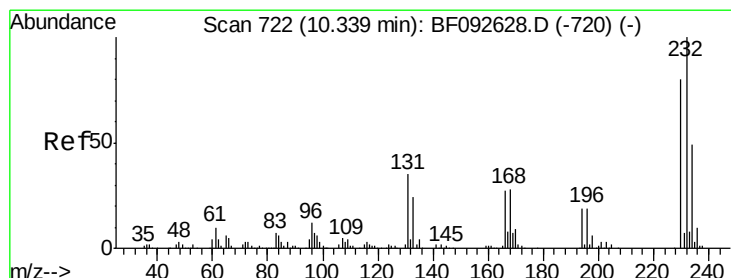
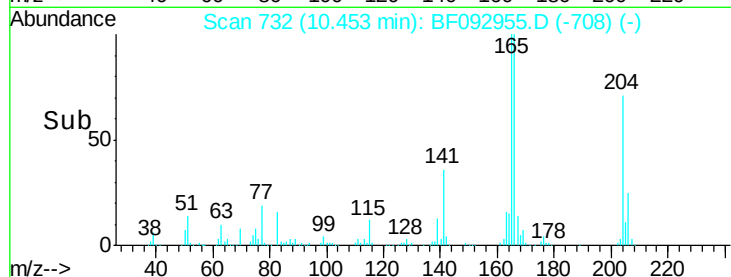
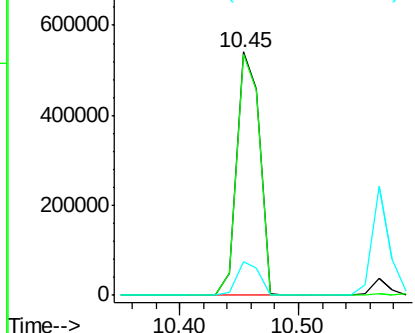
#57
 Fluorene
 Concen: 38.17 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 724954
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.9 10.8 16.2

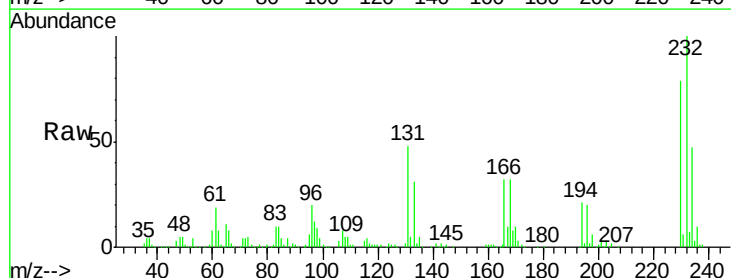


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

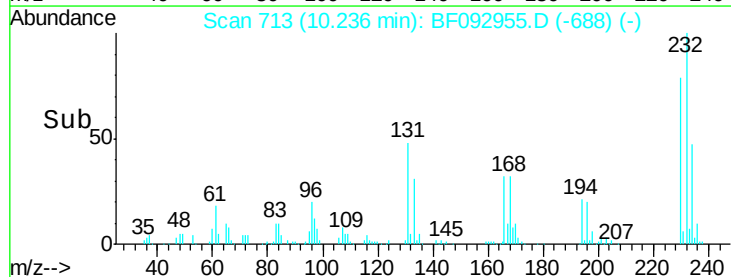
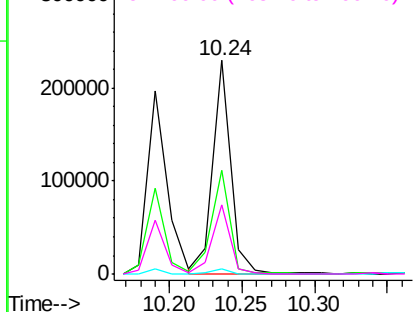


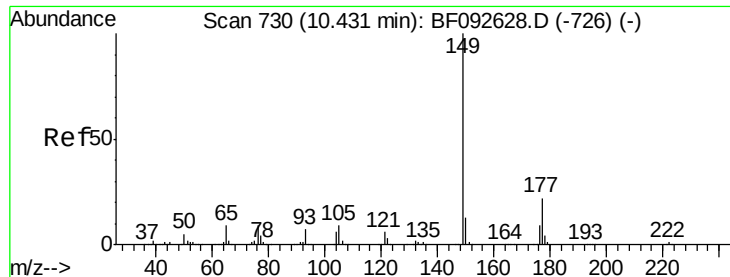
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.66 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:232 Resp: 198454
 Ion Ratio Lower Upper
 232 100
 131 49.8 40.1 60.1
 130 2.4 1.8 2.8
 166 32.6 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

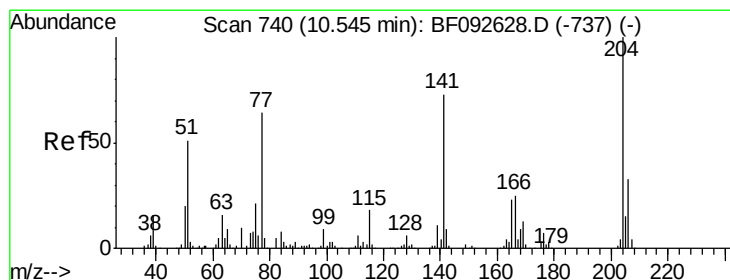
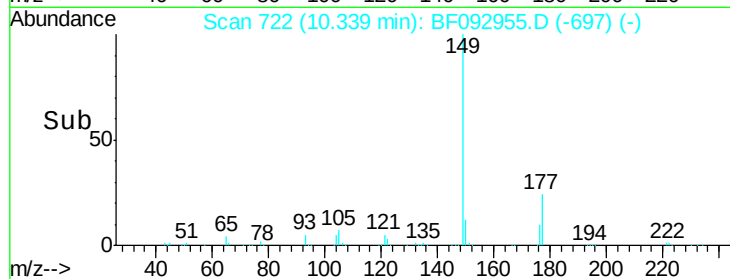
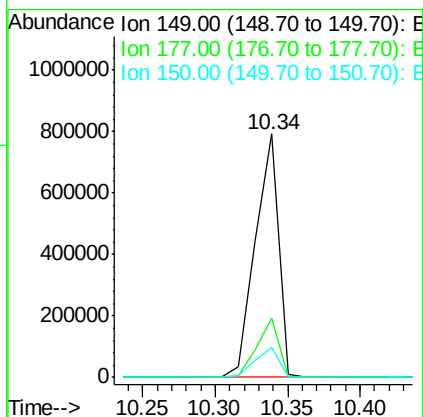
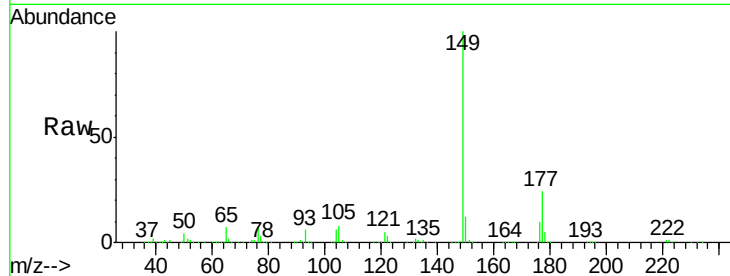




#59
Diethylphthalate
Concen: 43.87 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

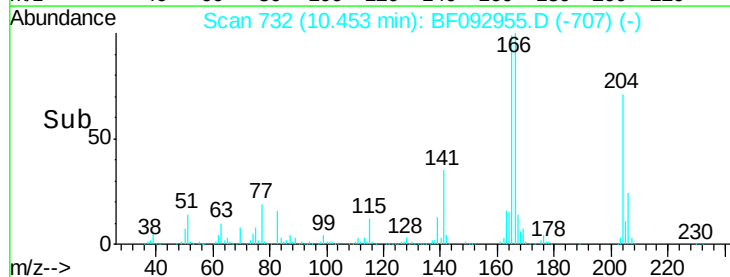
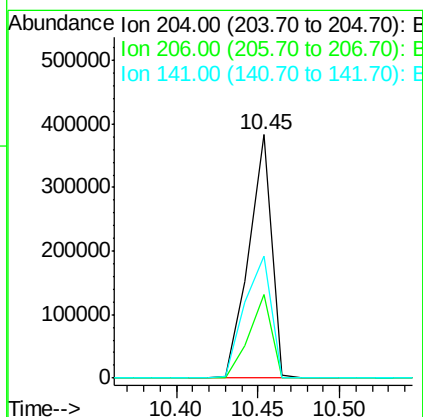
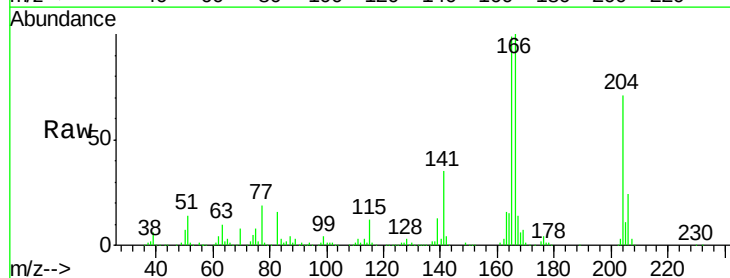
Instrument :
BNA_F
ClientSampleId :

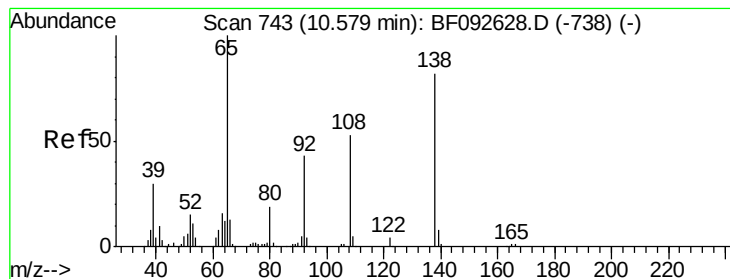
Tot Ion:149 Resp: 878448
Ion Ratio Lower Upper
149 100
177 24.4 16.6 25.0
150 12.2 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 40.72 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:204 Resp: 371528
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 50.1 59.4 89.0#

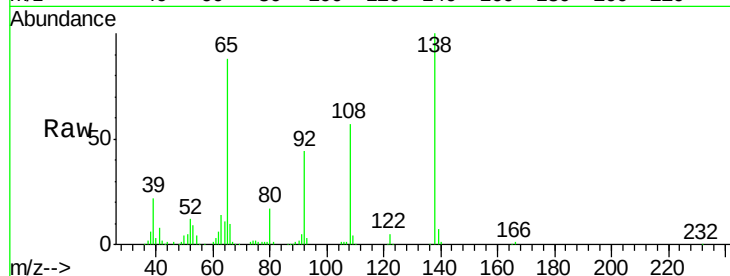




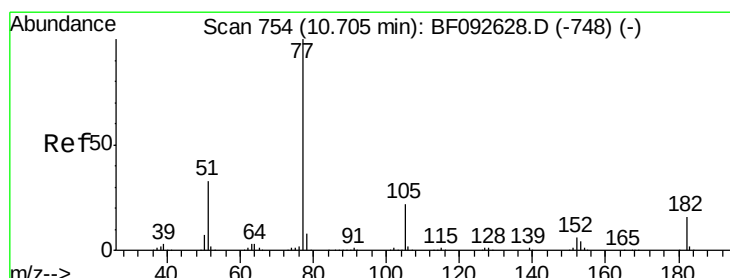
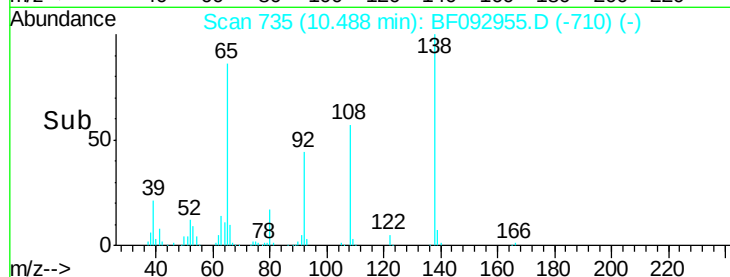
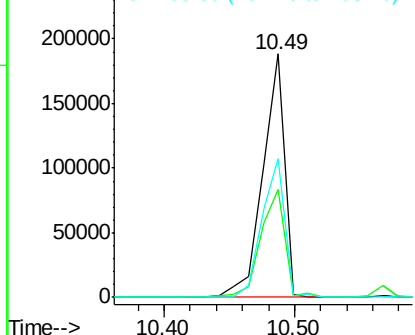
#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 220398
Ion Ratio Lower Upper
138 100
92 44.3 31.7 71.7
108 57.1 52.6 92.6

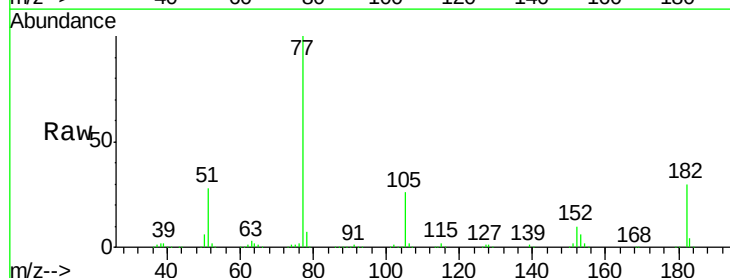


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

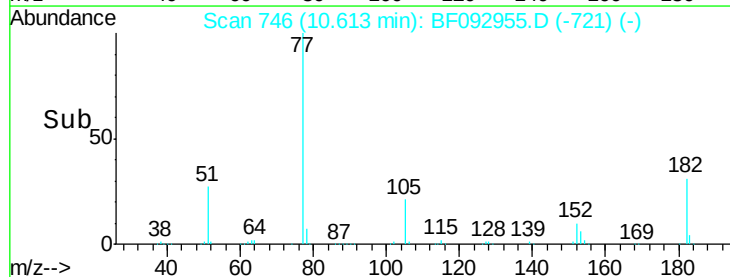
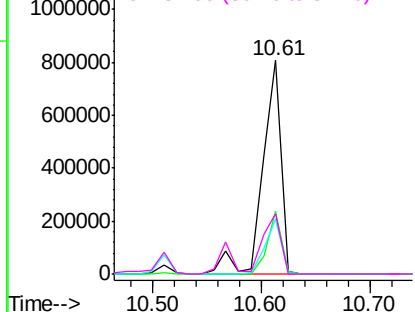


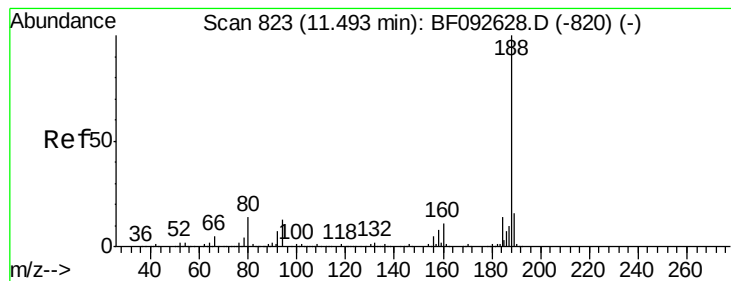
#62
Azobenzene
Concen: 46.31 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion: 77 Resp: 957943
Ion Ratio Lower Upper
77 100
182 29.6 0.0 39.3
105 25.7 2.3 42.3
51 28.4 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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

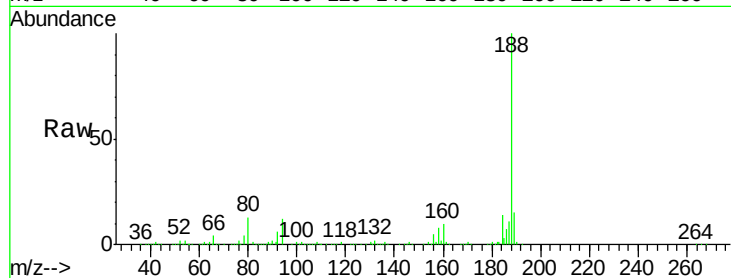
Tot Ion:188 Resp: 518703

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

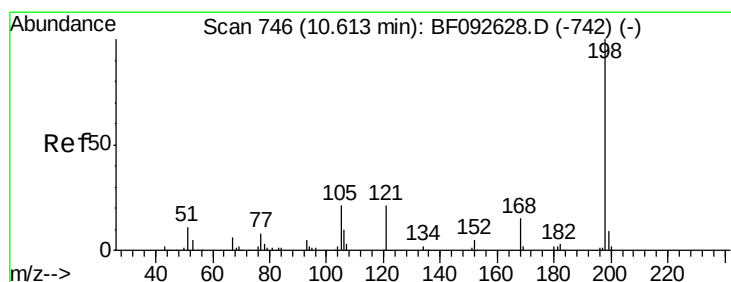
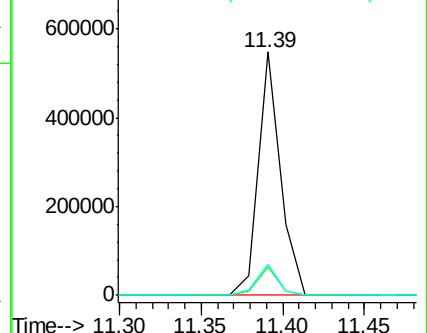
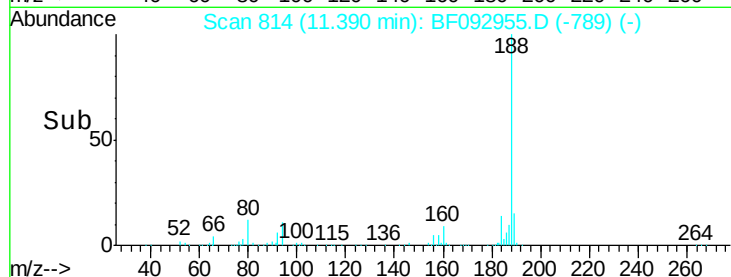
80 12.5 11.2 16.8



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: 39.48 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

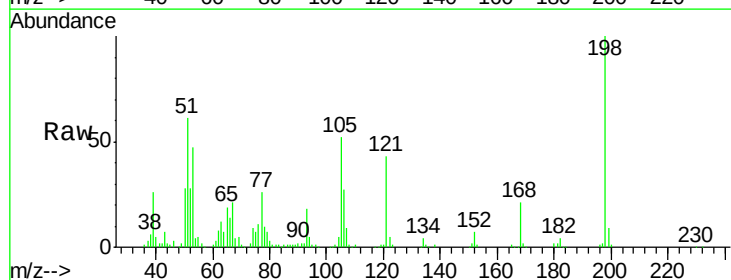
Tgt Ion:198 Resp: 123062

Ion Ratio Lower Upper

198 100

51 61.2 6.7 46.7#

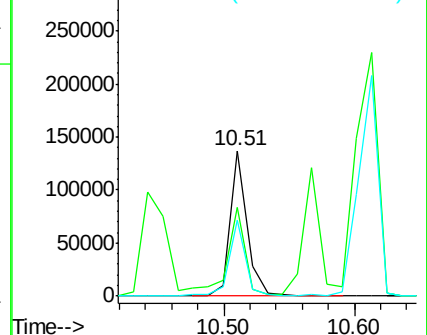
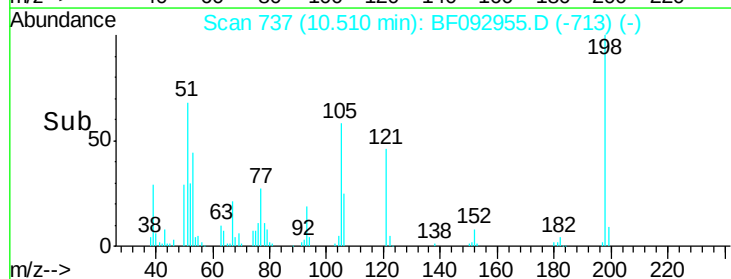
105 52.0 16.6 56.6

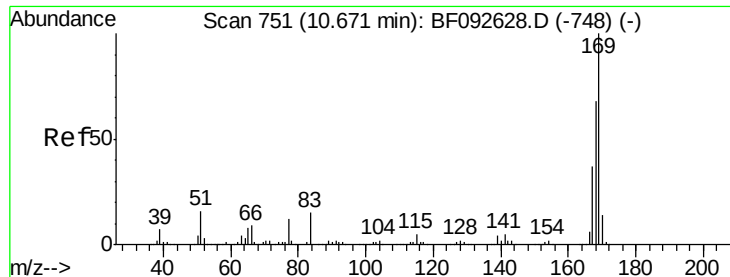


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.66 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

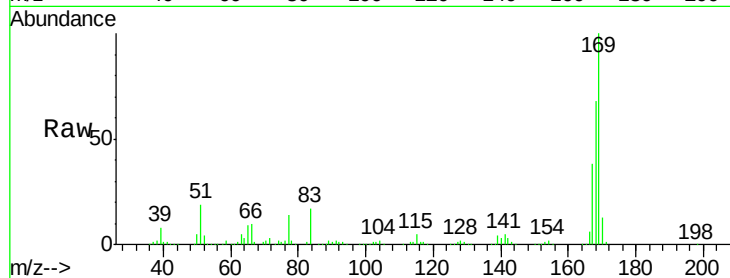
Tot Ion:169 Resp: 640564

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

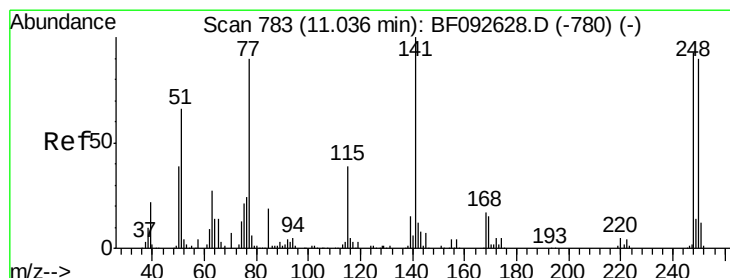
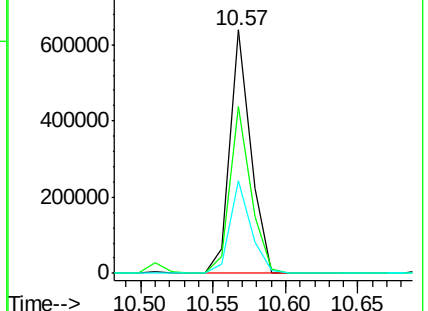
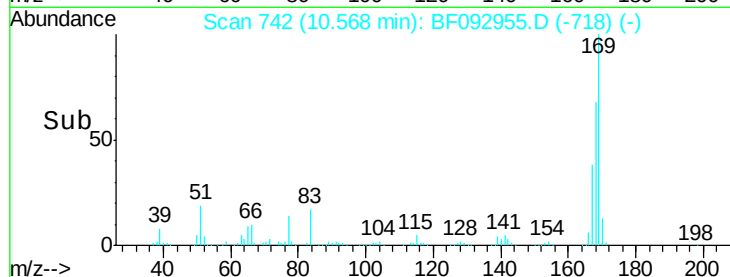
167 38.0 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.74 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

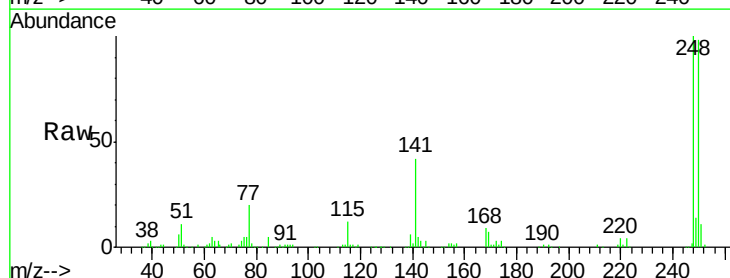
Tgt Ion:248 Resp: 220759

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

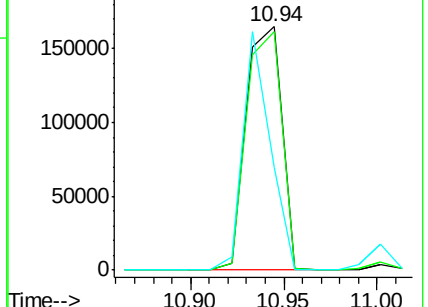
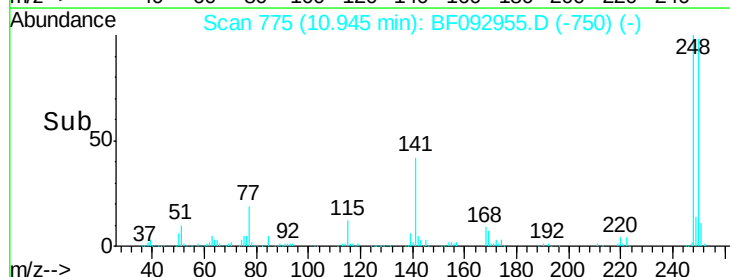
141 42.0 68.2 102.4#

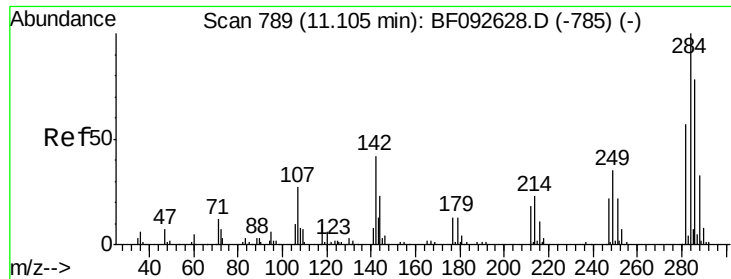


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.19 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

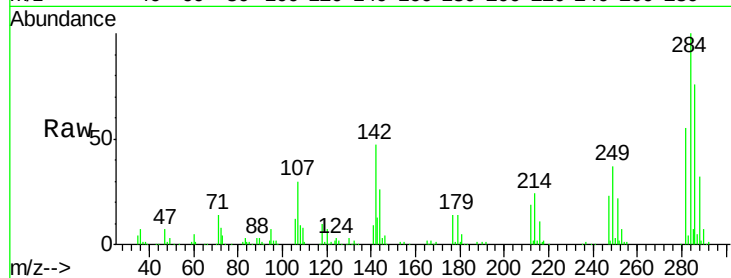
Tot Ion:284 Resp: 204501

Ion Ratio Lower Upper

284 100

142 46.9 22.6 33.8#

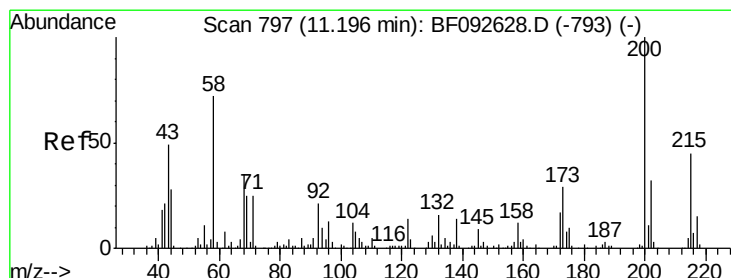
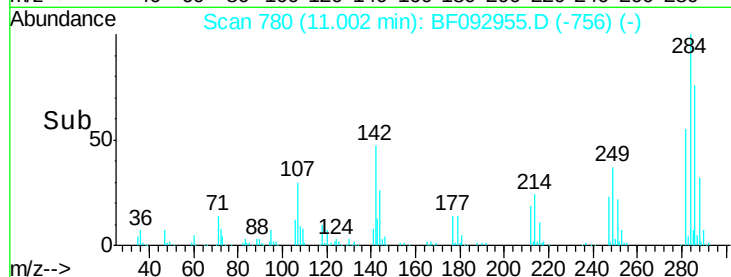
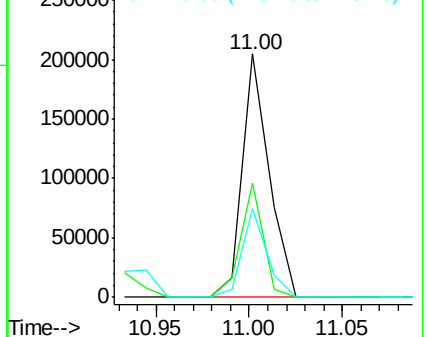
249 36.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.69 ng

RT: 11.10 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

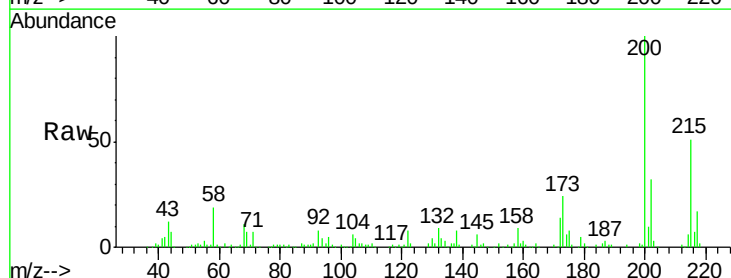
Tgt Ion:200 Resp: 227029

Ion Ratio Lower Upper

200 100

173 23.9 9.6 49.6

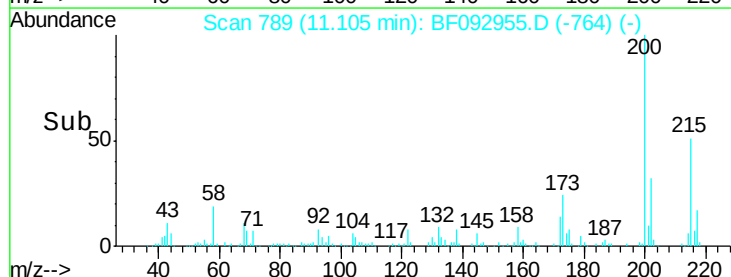
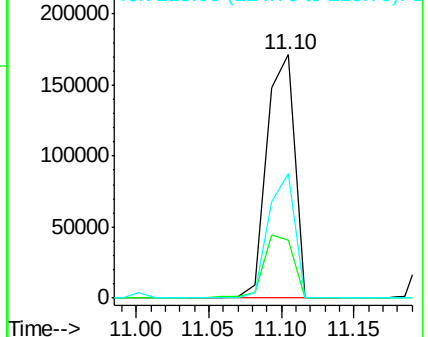
215 51.2 25.7 65.7

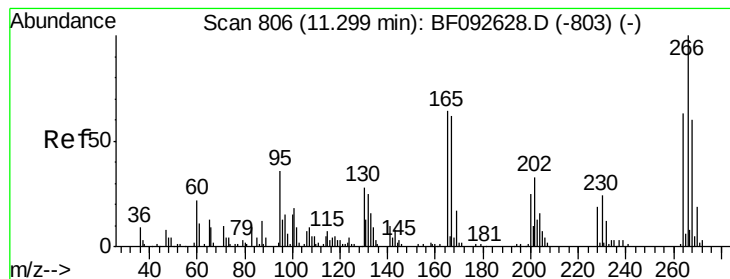


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.95 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampled :

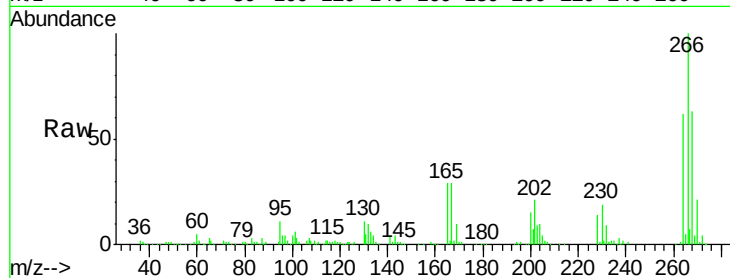
Tot Ion:266 Resp: 245305

Ion Ratio Lower Upper

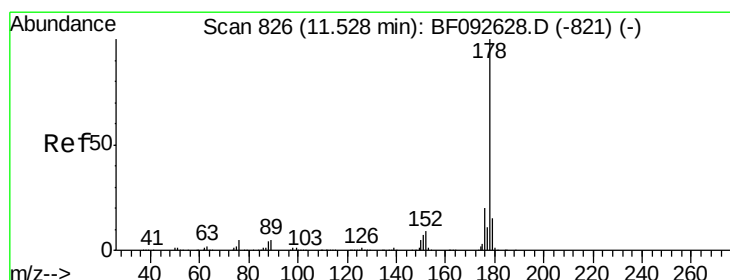
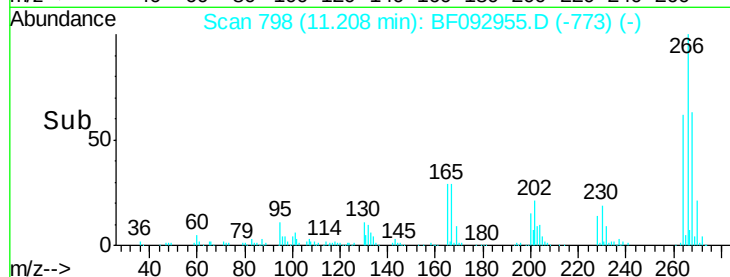
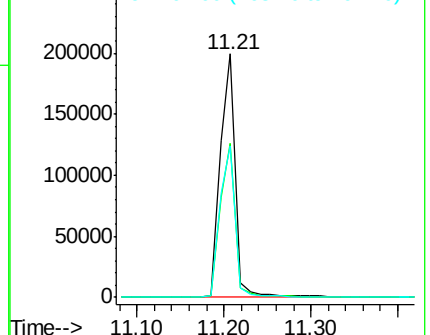
266 100

268 63.1 53.3 79.9

264 62.1 50.3 75.5



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



#70

Phenanthrene

Concen: 38.18 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

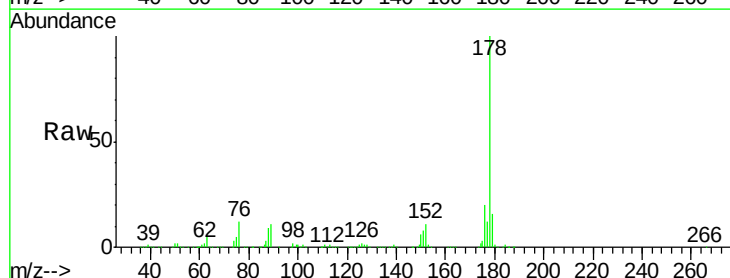
Tgt Ion:178 Resp: 1134488

Ion Ratio Lower Upper

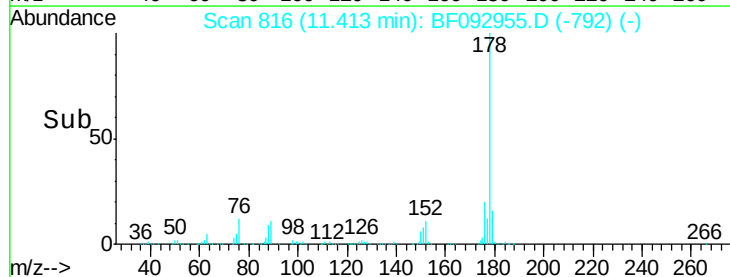
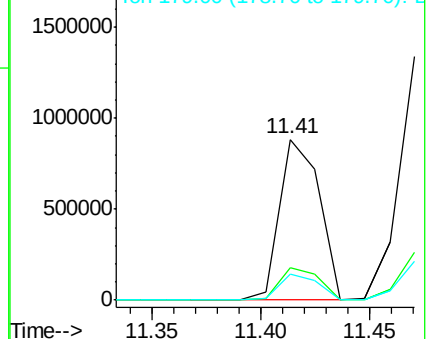
178 100

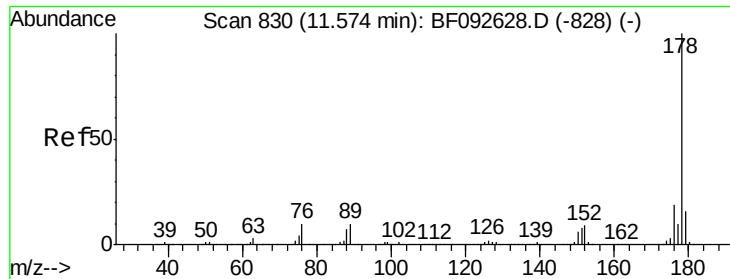
176 19.8 16.6 25.0

179 15.9 12.8 19.2



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

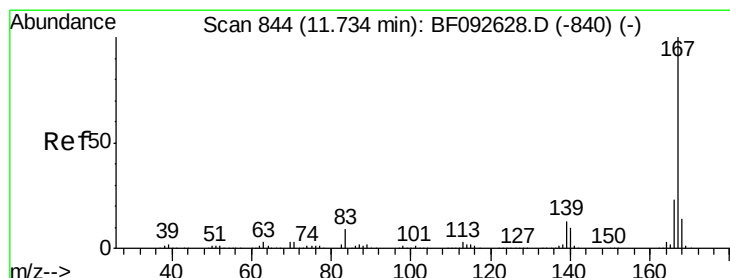
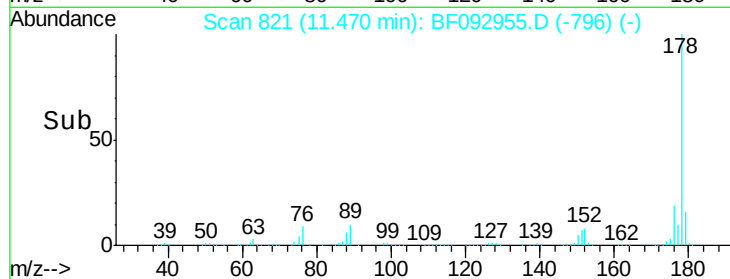
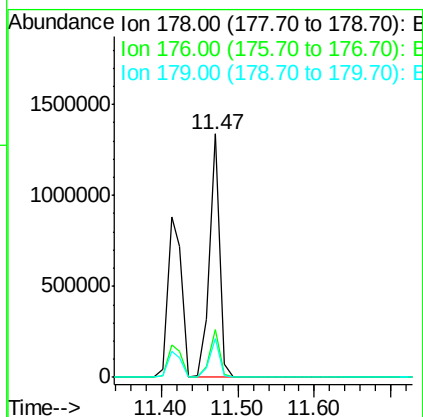
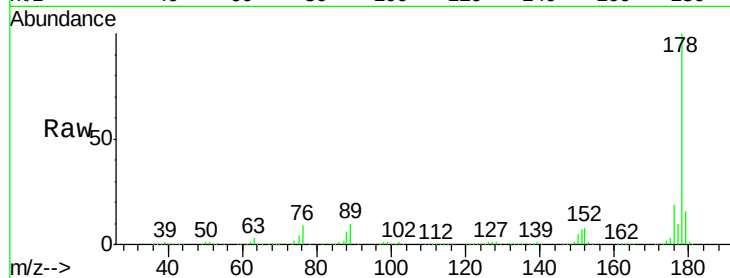




#71
 Anthracene
 Concen: 40.24 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

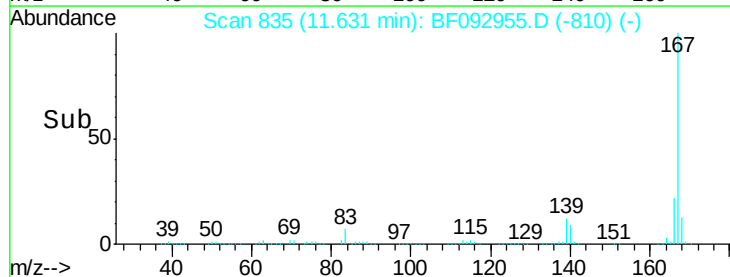
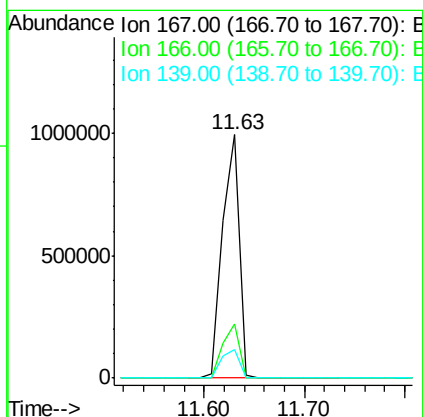
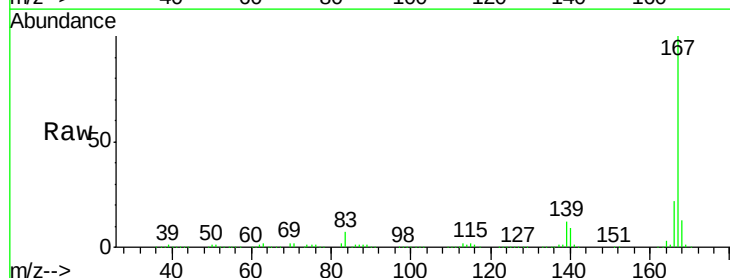
Instrument :
 BNA_F
 ClientSampleId :

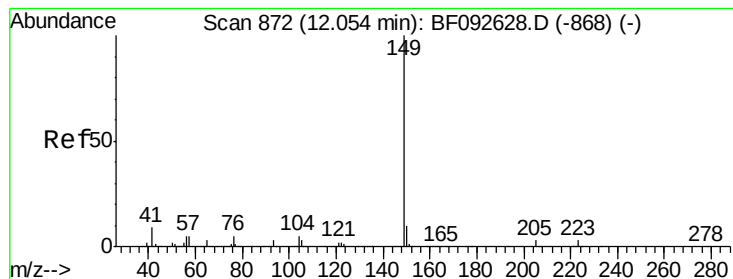
Tot Ion:178 Resp: 1201003
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 40.27 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:167 Resp: 1148722
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.43 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

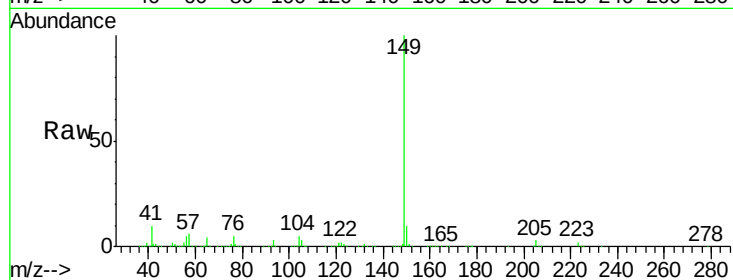
Tot Ion:149 Resp: 1247187

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

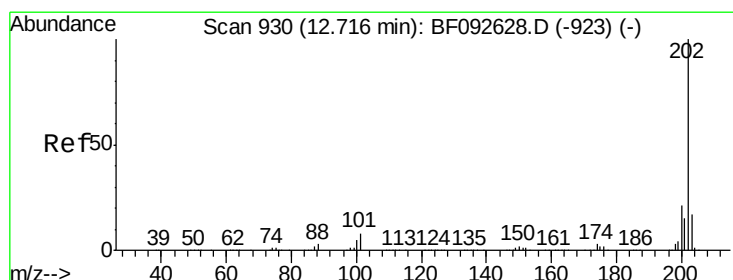
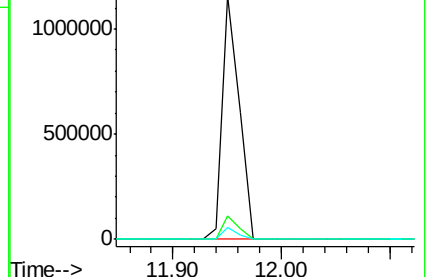
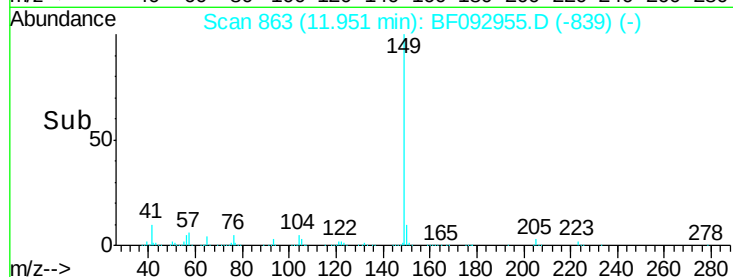
104 4.8 4.6 7.0



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: 36.80 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

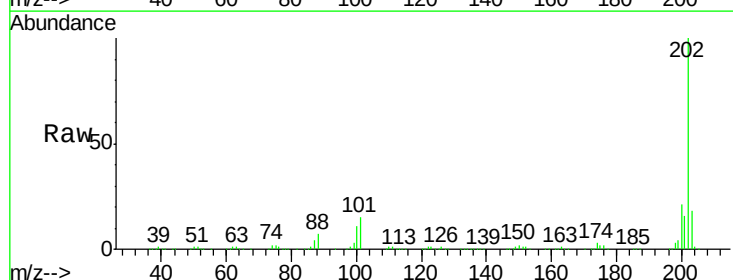
Tgt Ion:202 Resp: 1128051

Ion Ratio Lower Upper

202 100

101 15.2 0.0 34.6

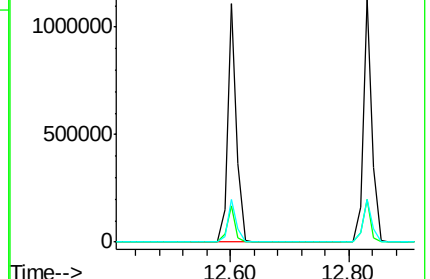
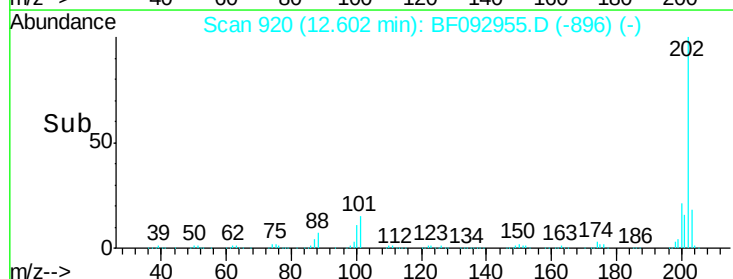
203 17.7 0.0 38.7

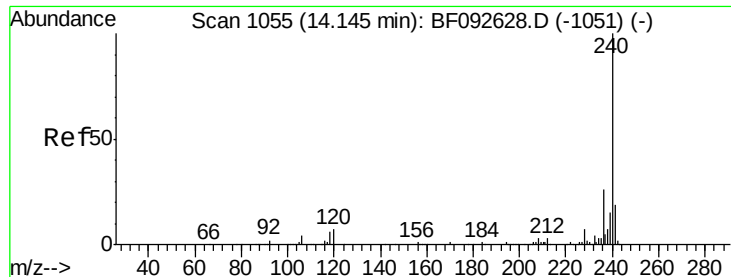


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

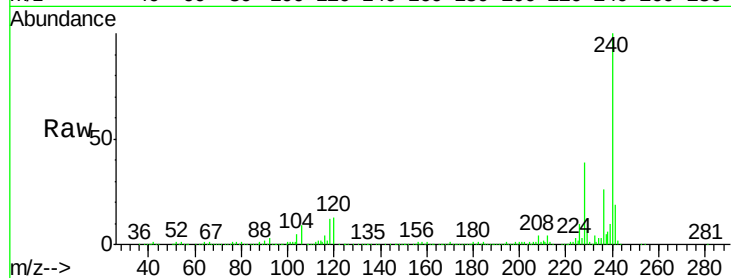
Tot Ion:240 Resp: 464747

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

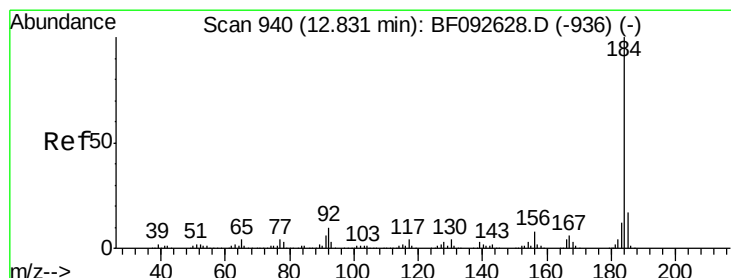
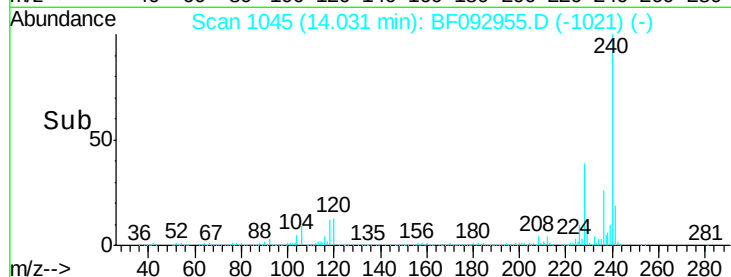
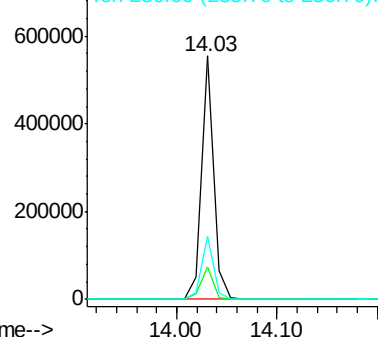
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.79 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

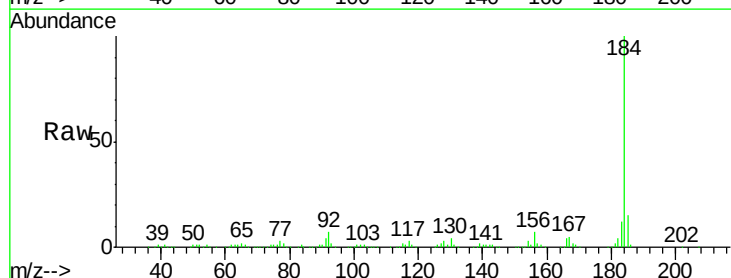
Tgt Ion:184 Resp: 332576

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

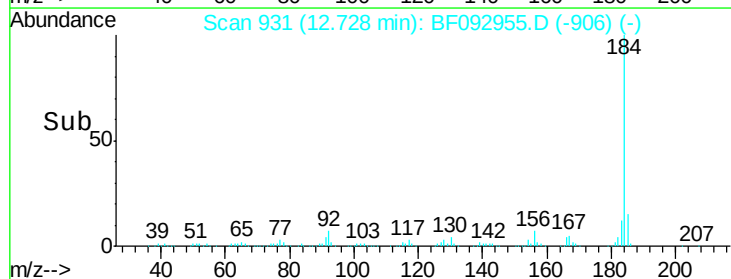
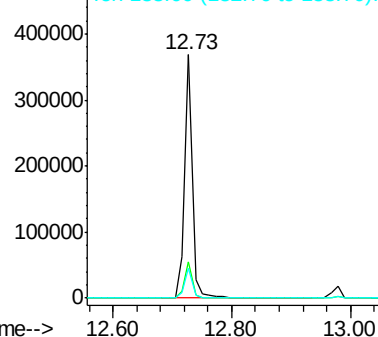
183 12.2 9.2 13.8

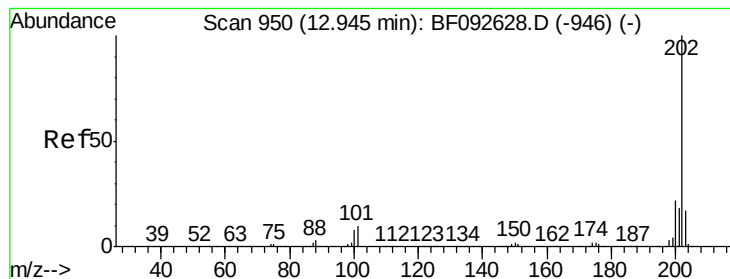


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.65 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampled :

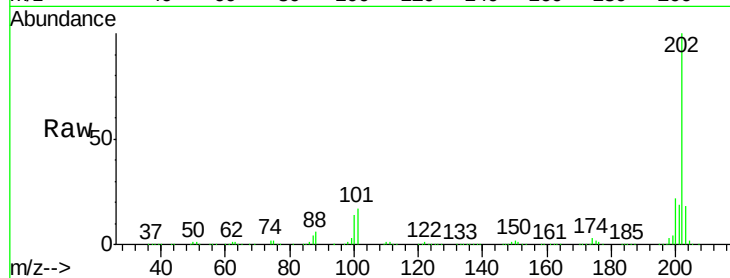
Tot Ion:202 Resp: 1135661

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

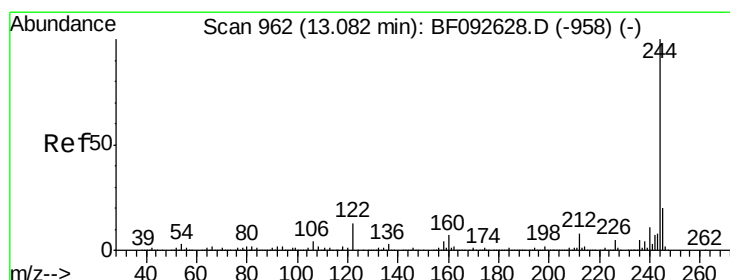
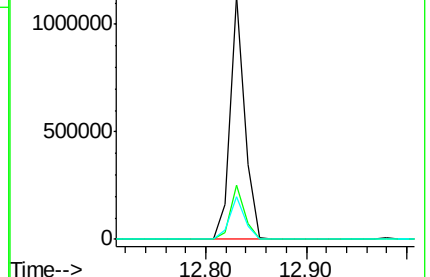
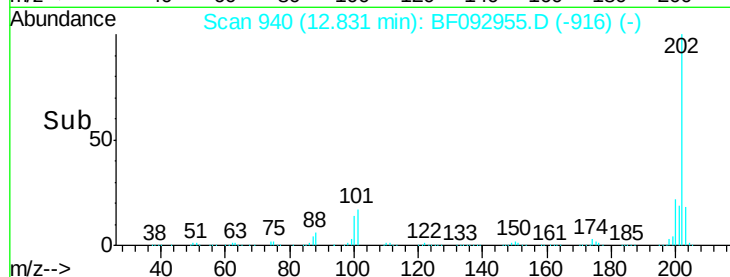
203 17.6 14.7 22.1



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: 69.91 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

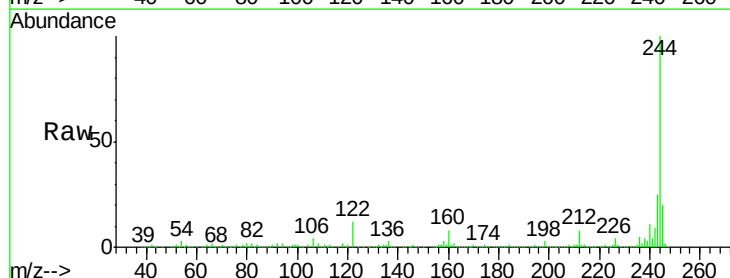
Tgt Ion:244 Resp: 1382674

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

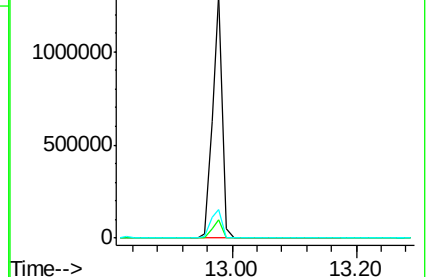
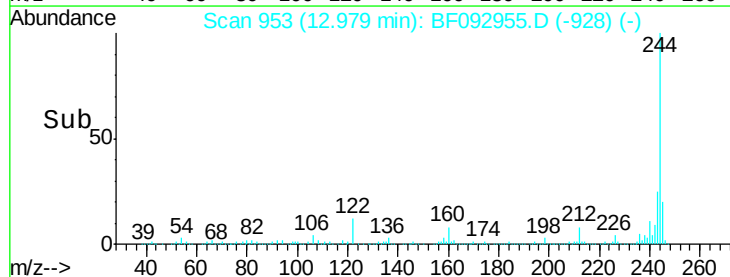
122 12.0 11.4 17.2

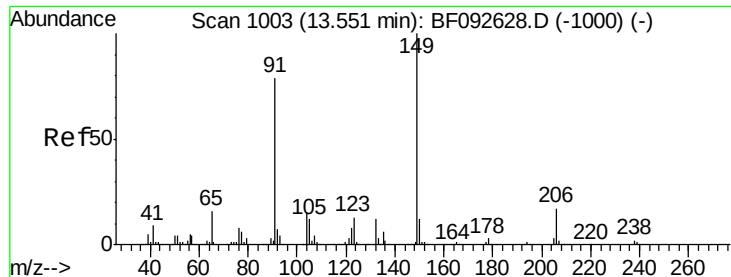


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

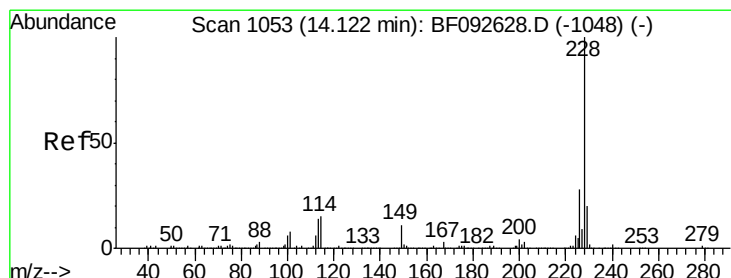
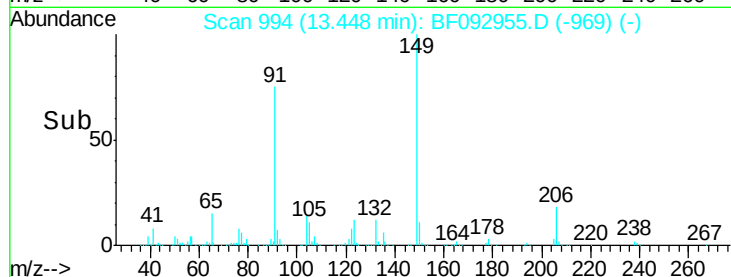
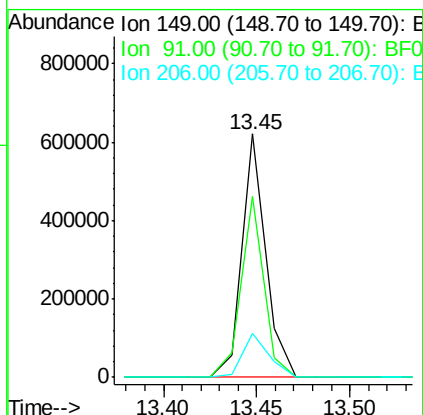
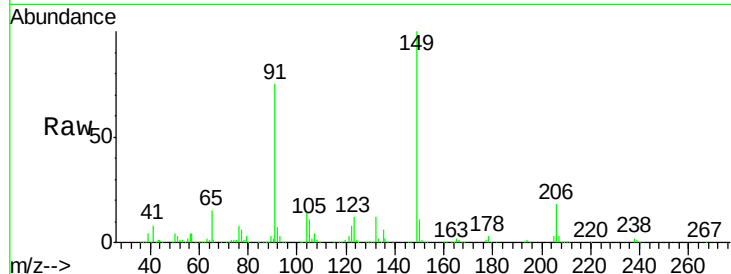




#79
Butylbenzylphthalate
Concen: 39.09 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

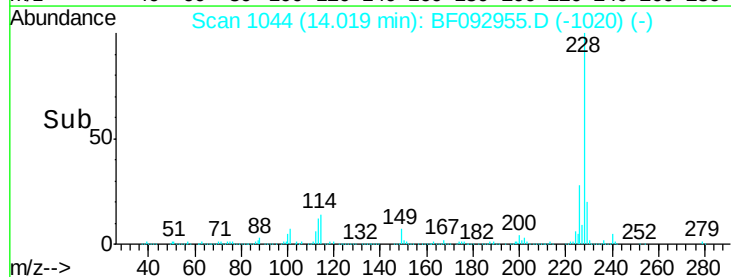
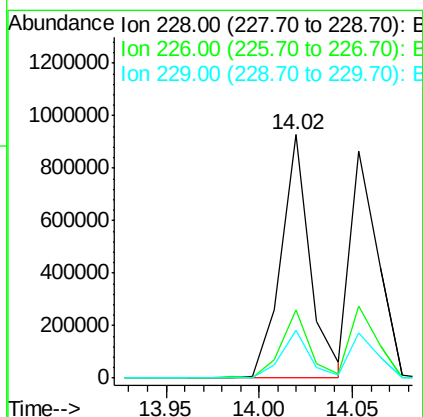
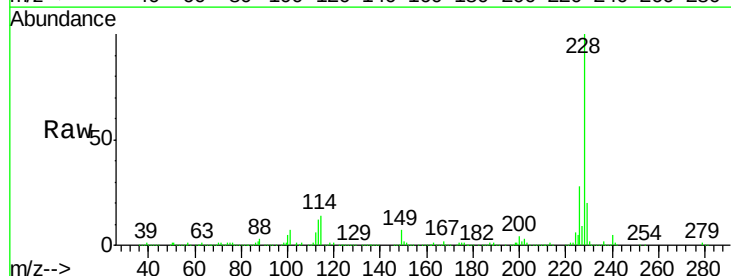
Instrument :
BNA_F
ClientSampled :

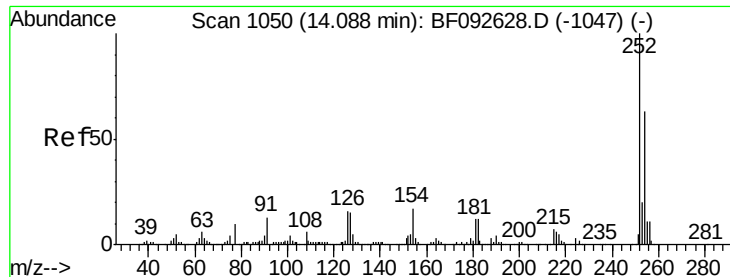
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.5	63.9	95.9
206	18.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 35.56 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.8	16.2	24.4

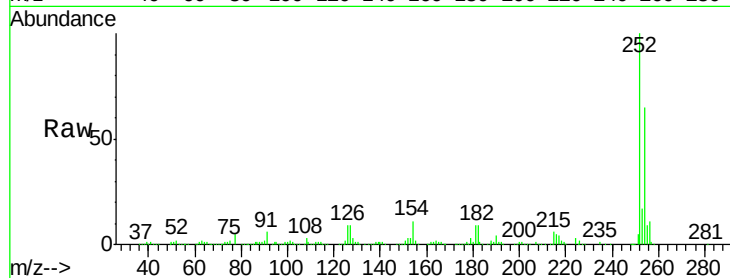




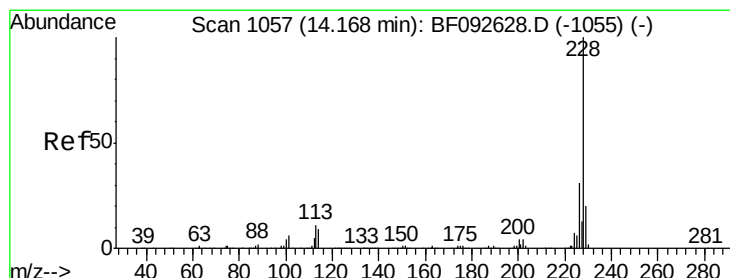
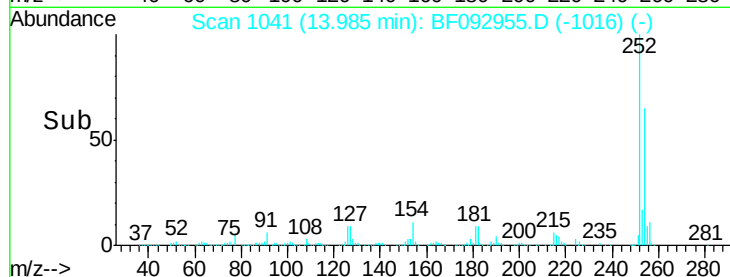
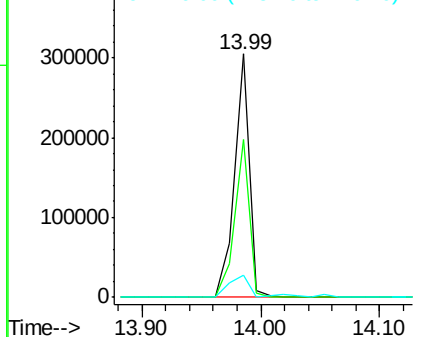
#81
 3,3'-Dichlorobenzidine
 Concen: 26.14 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 264838
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 9.3 13.6 20.4#

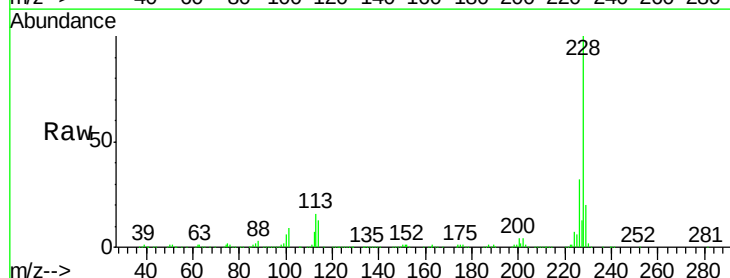


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

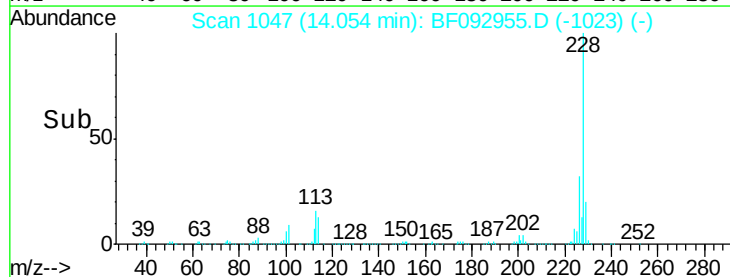
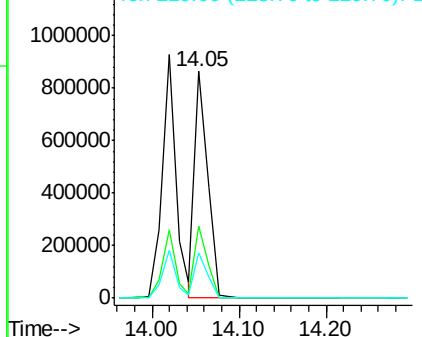


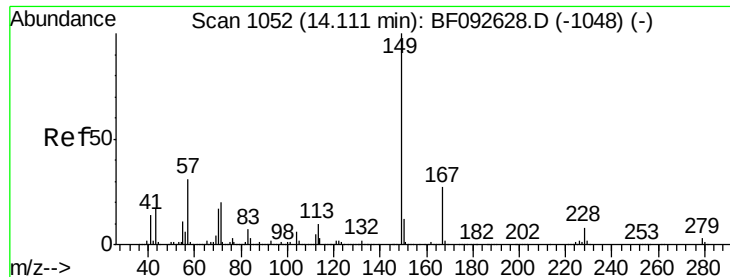
#82
 Chrysene
 Concen: 33.77 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092955.D
 Acq: 15 Feb 2017 17:13

Tgt Ion:228 Resp: 898721
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.0 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.49 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :

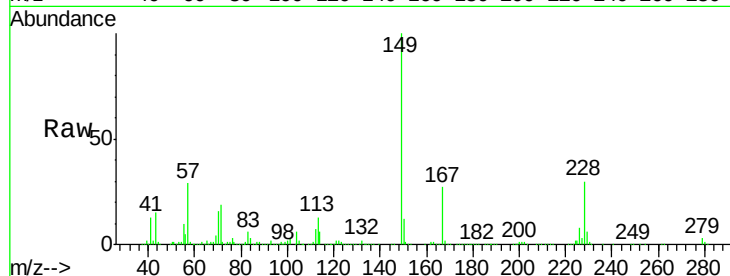
Tot Ion:149 Resp: 762817

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

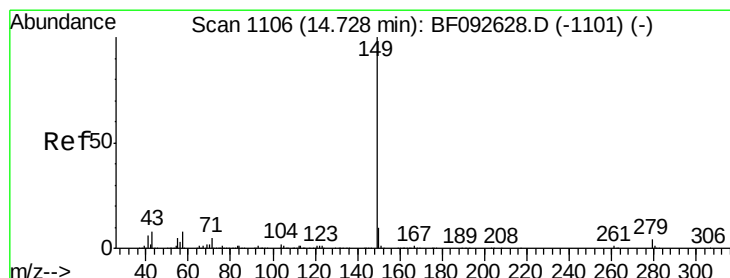
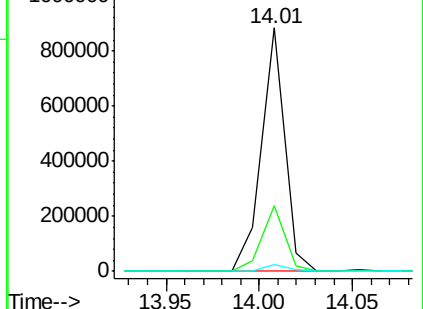
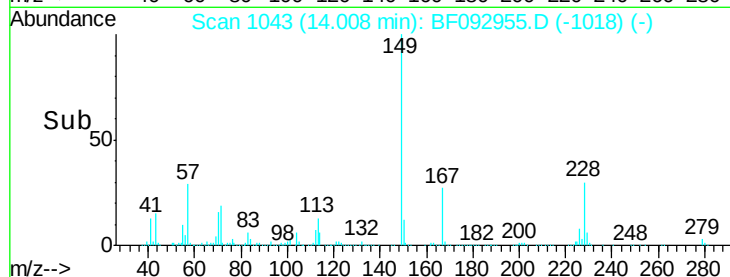
279 2.9 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.44 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

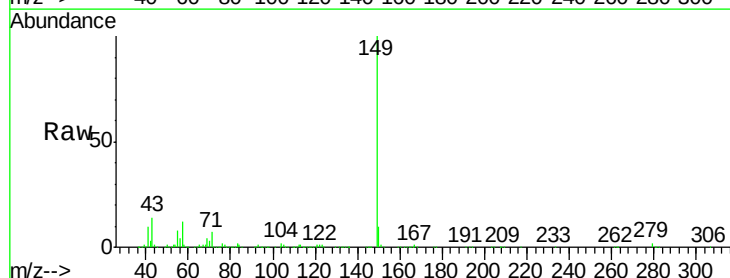
Tgt Ion:149 Resp: 1334821

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

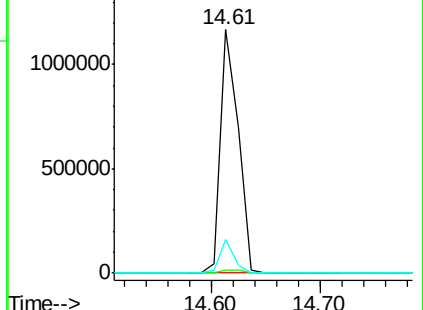
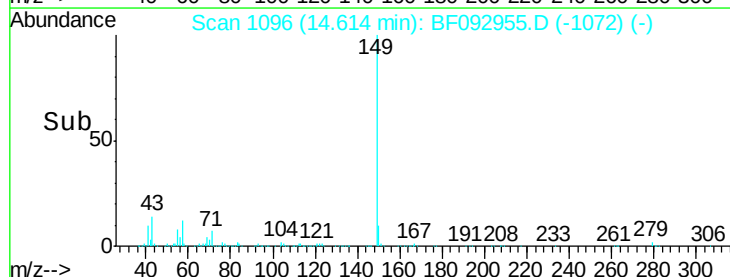
43 11.3 8.9 13.3

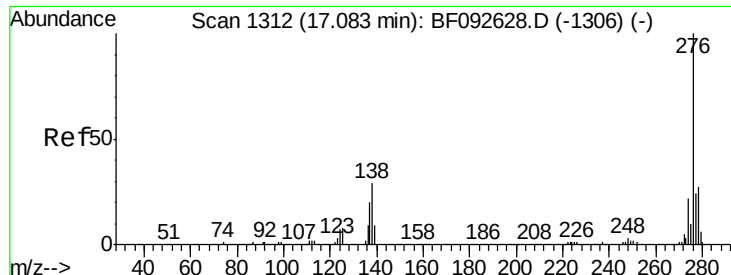


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

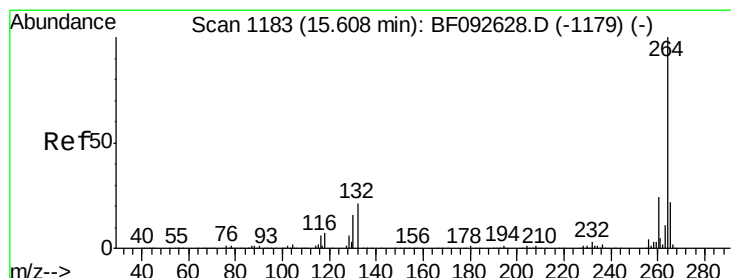
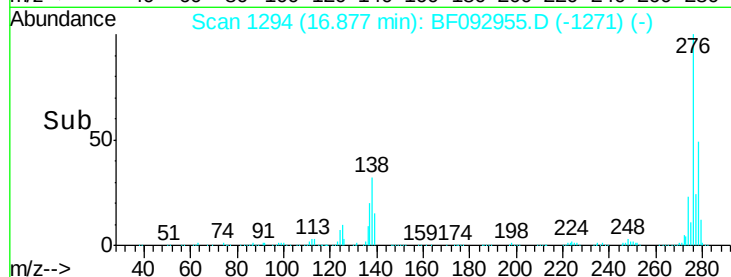
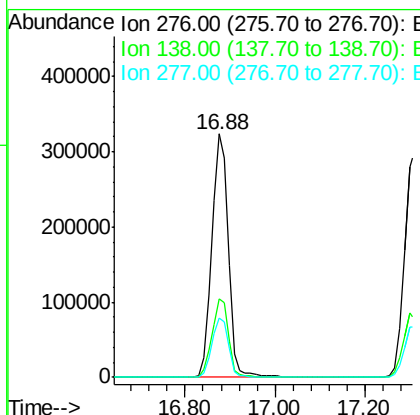
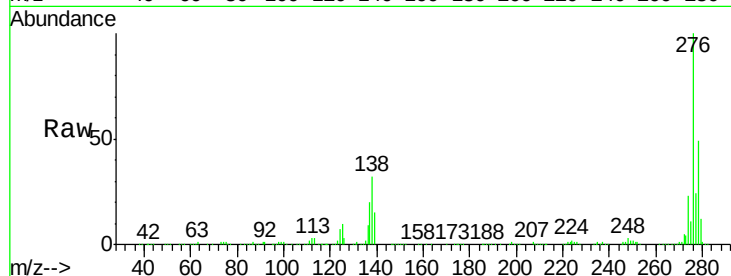




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.25 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

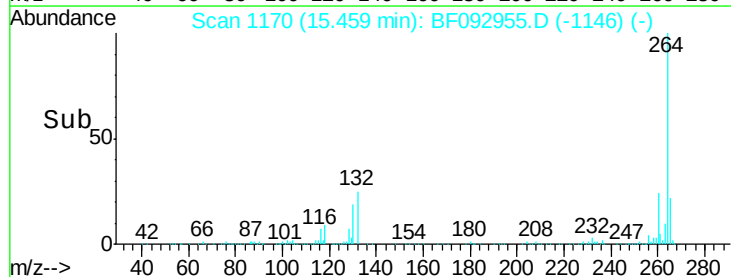
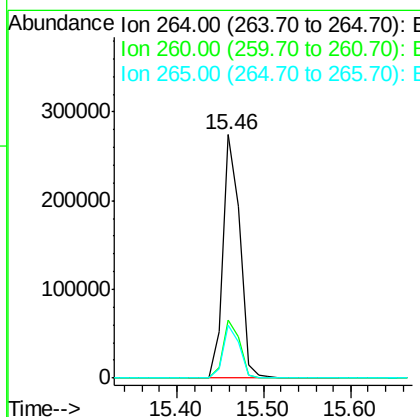
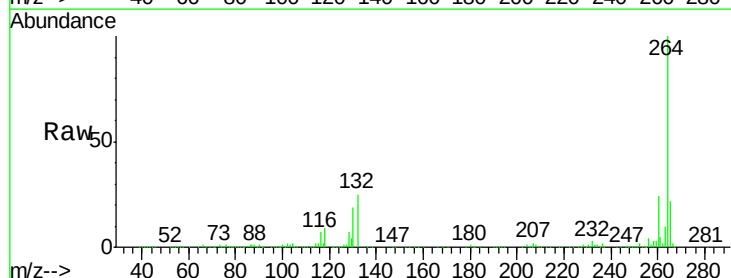
Instrument :
BNA_F
ClientSampleId :

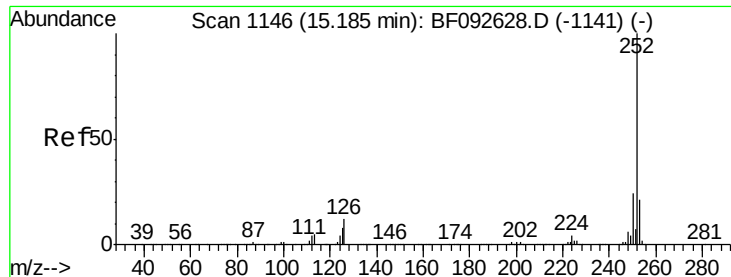
Tot Ion:276 Resp: 829666
Ion Ratio Lower Upper
276 100
138 32.5 21.8 32.6
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:264 Resp: 375067
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.4 26.0

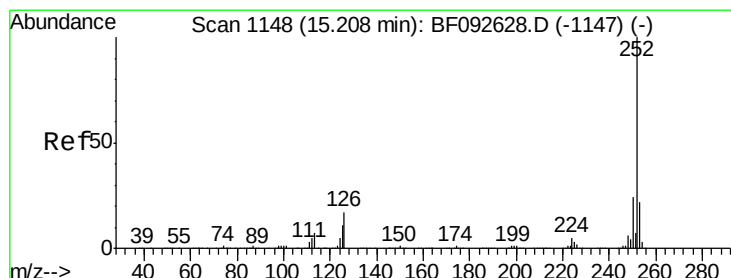
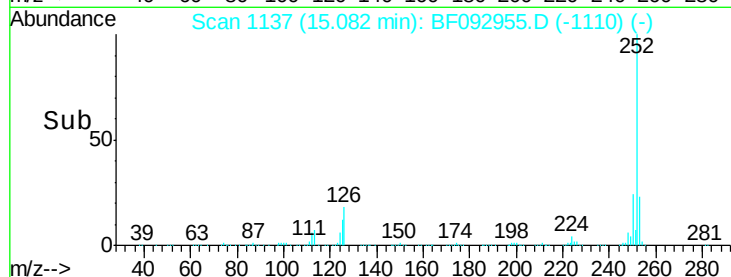
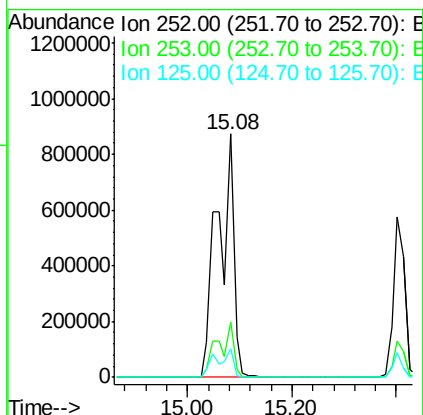
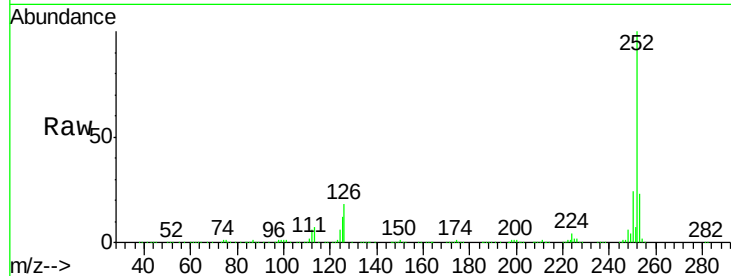




#87
Benzo(b)fluoranthene
Concen: 75.36 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

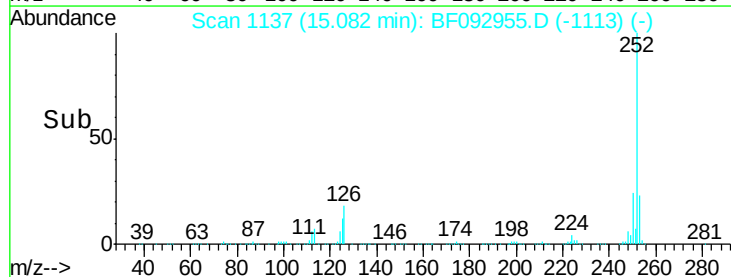
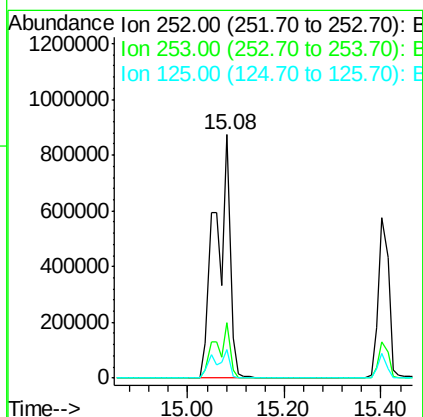
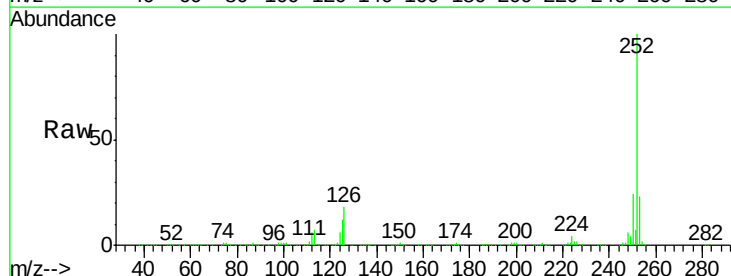
Instrument :
BNA_F
ClientSampleId :

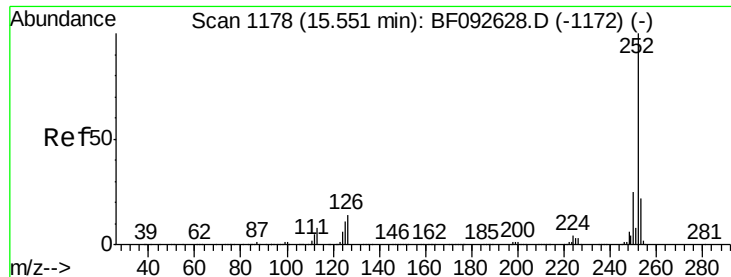
Tot Ion:252 Resp: 1860462
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 87.31 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion:252 Resp: 1861087
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.0 8.9 13.3

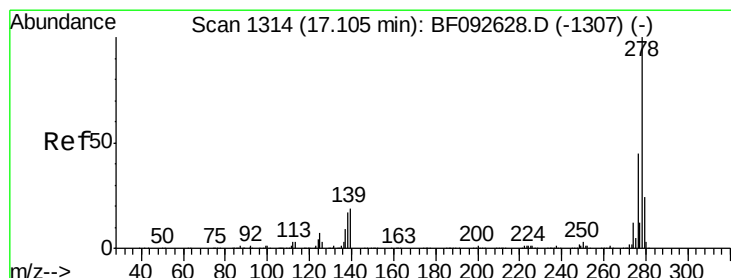
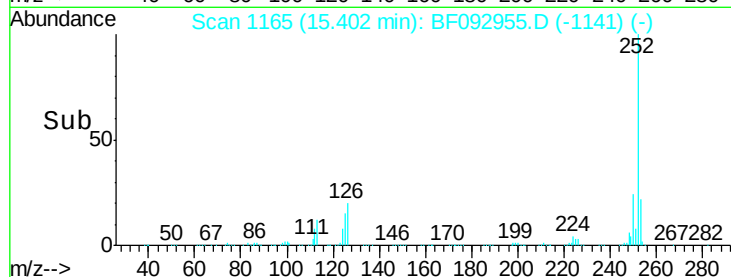
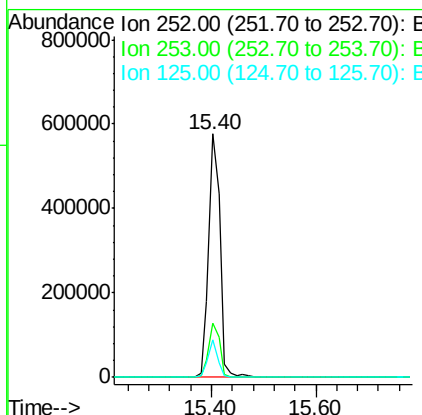
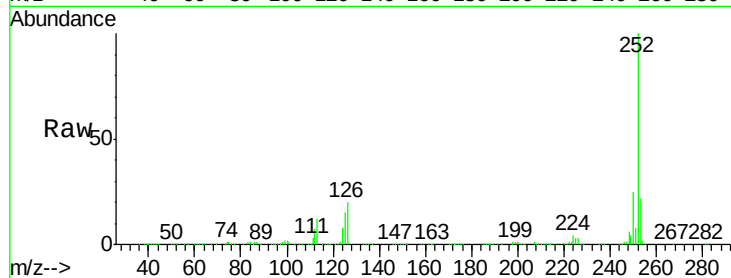




#89
Benzo(a)pyrene
Concen: 40.55 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

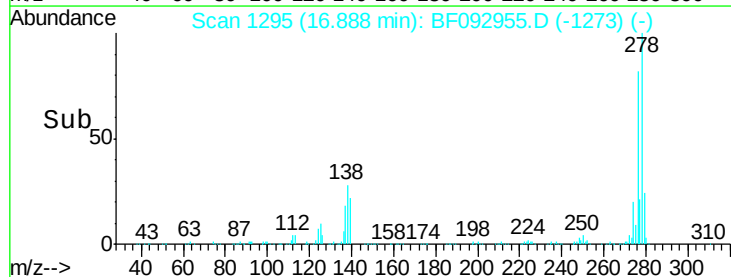
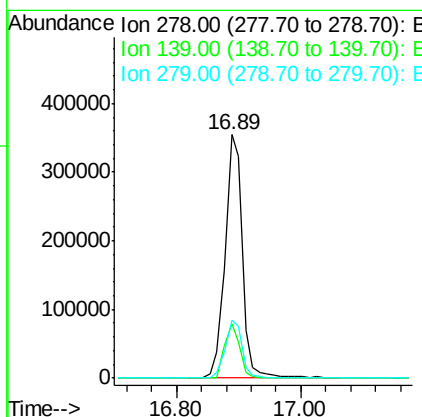
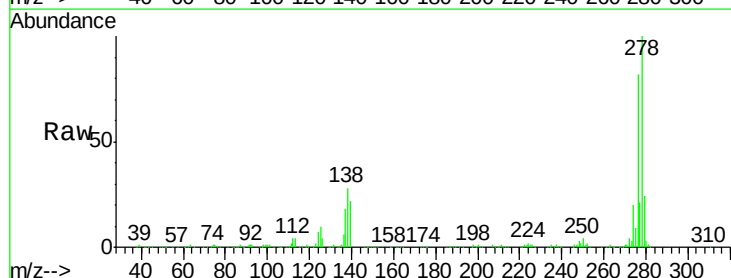
Instrument :
BNA_F
ClientSampleId :

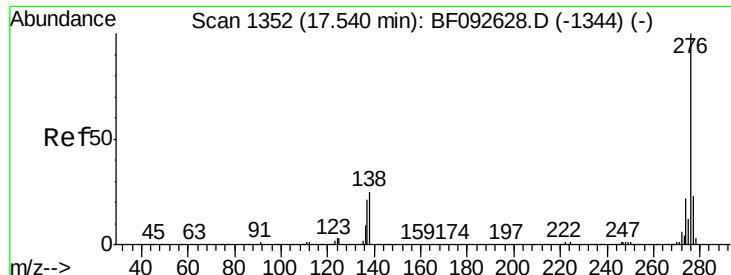
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.4	10.0	15.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.68 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092955.D
Acq: 15 Feb 2017 17:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.8	22.2#
279	23.8	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

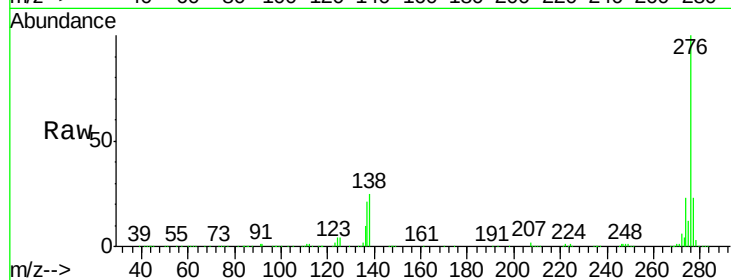
Lab File: BF092955.D

Acq: 15 Feb 2017 17:13

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	692345
Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	25.4	16.0	24.0

