

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092255.D
 Acq On : 13 Jan 2017 21:28
 Operator : UM/SJ
 Sample : PB95972BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Quant Time: Jan 16 01:27:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	176119	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	721350	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	390790	20.00	ng	-0.01
63) Phenanthrene-d10	11.09	188	613536	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	421059	20.00	ng	-0.01
86) Perylene-d12	15.07	264	396297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1592398	150.97	ng	0.01
7) Phenol-d6	6.26	99	2283438	177.32	ng	0.00
23) Nitrobenzene-d5	7.15	82	1189331	91.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	409195	126.53	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	2106121	114.97	ng	0.00
78) Terphenyl-d14	12.68	244	1926352	110.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	247817	47.72	ng	94
3) Pyridine	2.72	79	728364	40.19	ng	99
4) n-Nitrosodimethylamine	2.70	42	313122	45.80	ng	100
6) Aniline	6.24	93	275196	16.45	ng	# 82
8) 2-Chlorophenol	6.37	128	645596	53.81	ng	92
9) Benzaldehyde	6.12	77	42268	4.19	ng	92
10) Phenol	6.27	94	711393	48.48	ng	# 60
11) bis(2-Chloroethyl)ether	6.32	93	610760	52.31	ng	100
12) 1,3-Dichlorobenzene	6.51	146	623347	48.67	ng	# 88
13) 1,4-Dichlorobenzene	6.51	146	623347	47.81	ng	98
14) 1,2-Dichlorobenzene	6.75	146	523409	46.27	ng	98
15) Benzyl Alcohol	6.74	79	429407	42.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	769722	44.27	ng	# 43
17) 2-Methylphenol	6.87	107	444066	46.02	ng	# 89
18) Hexachloroethane	7.08	117	220792	45.68	ng	# 88
19) n-Nitroso-di-n-propylamine	7.01	70	400981	46.80	ng	97
20) 3+4-Methylphenols	7.02	107	618052	53.70	ng	# 70
22) Acetophenone	7.00	105	813548	45.72	ng	# 93
24) Nitrobenzene	7.17	77	627059	45.38	ng	95
25) Isophorone	7.41	82	1117986	46.71	ng	96
26) 2-Nitrophenol	7.49	139	321615	47.20	ng	89
27) 2,4-Dimethylphenol	7.55	122	514147	45.50	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	683695	47.11	ng	98
29) 2,4-Dichlorophenol	7.74	162	472963	49.42	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	488445	46.58	ng	96
31) Naphthalene	7.89	128	1597454	48.39	ng	99
32) Benzoic acid	7.72	122	301440	35.96	ng	99
33) 4-Chloroaniline	7.95	127	129195	8.68	ng	96
34) Hexachlorobutadiene	8.00	225	256992	46.43	ng	99
35) Caprolactam	8.34	113	92899	29.54	ng	# 65
36) 4-Chloro-3-methylphenol	8.46	107	526300	47.80	ng	96
37) 2-Methylnaphthalene	8.58	142	994725	53.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	451975	45.78	ng	98
40) Hexachlorocyclopentadiene	8.74	237	355308	80.76	ng	97

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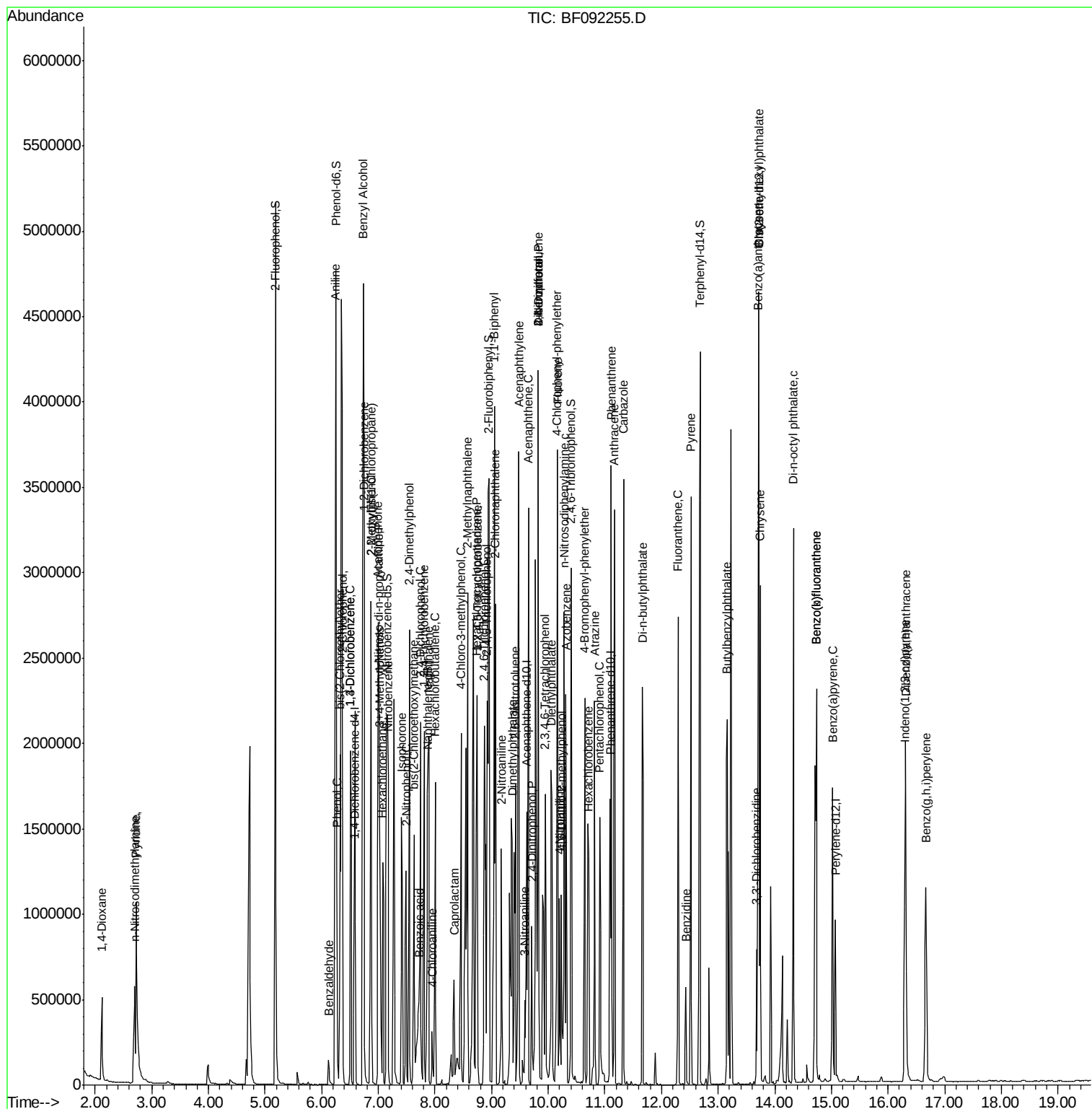
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	293236	42.47	ng	100
43) 2,4,5-Trichlorophenol	8.92	196	269354	37.90	ng	94
45) 1,1'-Biphenyl	9.04	154	1262553	47.18	ng	98
46) 2-Chloronaphthalene	9.07	162	982020	46.34	ng	97
47) 2-Nitroaniline	9.17	65	281451	37.30	ng	99
48) Acenaphthylene	9.48	152	1490418	45.73	ng	99
49) Dimethylphthalate	9.36	163	1176600	47.07	ng	99
50) 2,6-Dinitrotoluene	9.42	165	284754	52.05	ng	97
51) Acenaphthene	9.65	154	980874	44.40	ng	99
52) 3-Nitroaniline	9.58	138	80434	11.88	ng	99
53) 2,4-Dinitrophenol	9.71	184	194656	63.95	ng	# 90
54) Dibenzofuran	9.82	168	1284705	43.06	ng	99
55) 4-Nitrophenol	9.82	139	876839	190.75	ng	# 8
56) 2,4-Dinitrotoluene	9.82	165	294931	42.95	ng	# 62
57) Fluorene	10.16	166	1053564	48.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	242095	43.08	ng	99
59) Diethylphthalate	10.05	149	1120949	46.18	ng	99
60) 4-Chlorophenyl-phenylether	10.15	204	418797	44.06	ng	96
61) 4-Nitroaniline	10.20	138	234182	33.38	ng	97
62) Azobenzene	10.31	77	1197696	44.82	ng	99
64) 4,6-Dinitro-2-methylphenol	10.23	198	162873	43.90	ng	# 49
65) n-Nitrosodiphenylamine	10.28	169	859291	47.20	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	308275	48.30	ng	93
67) Hexachlorobenzene	10.71	284	329521	48.30	ng	# 85
68) Atrazine	10.82	200	266625	45.40	ng	97
69) Pentachlorophenol	10.91	266	255675	76.38	ng	98
70) Phenanthrene	11.11	178	1407262	42.30	ng	98
71) Anthracene	11.17	178	1643131	66.36	ng	98
72) Carbazole	11.33	167	1402309	60.47	ng	99
73) Di-n-butylphthalate	11.66	149	1730757	55.90	ng	99
74) Fluoranthene	12.29	202	1532826	53.22	ng	100
76) Benzidine	12.43	184	266577	21.51	ng	96
77) Pyrene	12.52	202	1420897	45.99	ng	100
79) Butylbenzylphthalate	13.16	149	762157	54.24	ng	# 78
80) Benzo(a)anthracene	13.71	228	1288775	54.22	ng	100
81) 3,3'-Dichlorobenzidine	13.67	252	153622	17.04	ng	97
82) Chrysene	13.74	228	978329	41.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	931919	56.32	ng	# 98
84) Di-n-octyl phthalate	14.33	149	1576856	51.44	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1013965	49.09	ng	99
87) Benzo(b)fluoranthene	14.74	252	2204907	89.36	ng	# 95
88) Benzo(k)fluoranthene	14.74	252	2205268	104.81	ng	# 95
89) Benzo(a)pyrene	15.02	252	1027448	46.92	ng	# 94
90) Dibenzo(a,h)anthracene	16.31	278	839223	46.62	ng	96
91) Benzo(g,h,i)perylene	16.67	276	851370	45.49	ng	95

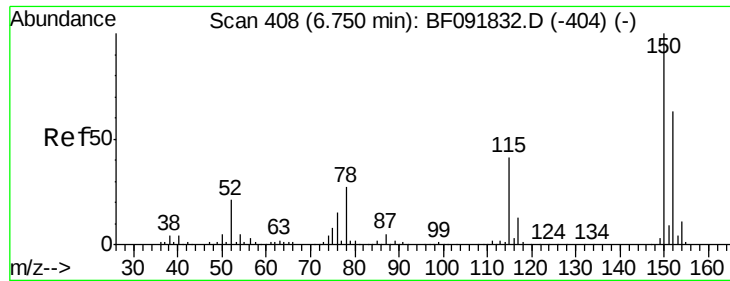
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

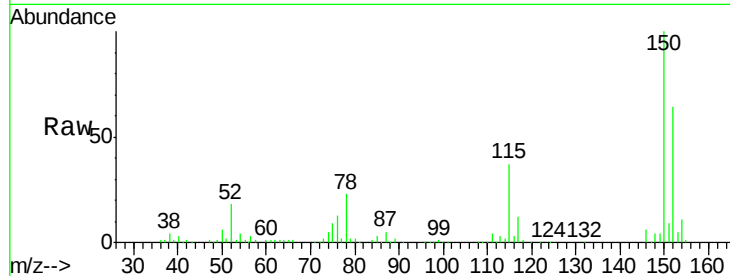
Tgt Ion:152 Resp: 176119

Ion Ratio Lower Upper

152 100

150 156.7 124.9 187.3

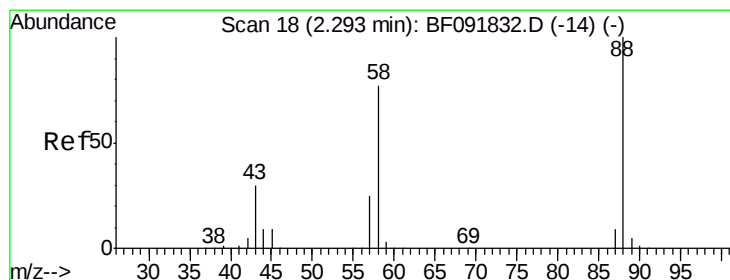
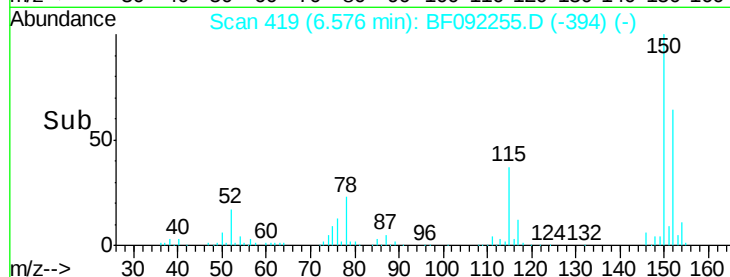
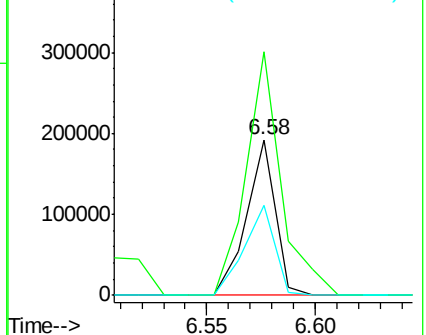
115 58.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.72 ng

RT: 2.12 min Scan# 29

Delta R.T. 0.10 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

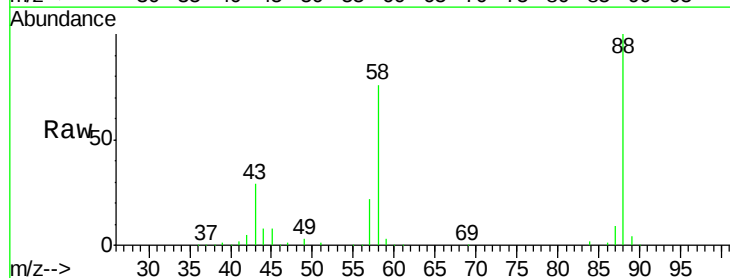
Tgt Ion: 88 Resp: 247817

Ion Ratio Lower Upper

88 100

58 78.2 57.8 86.8

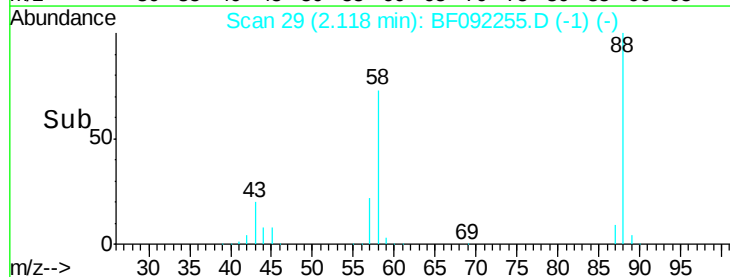
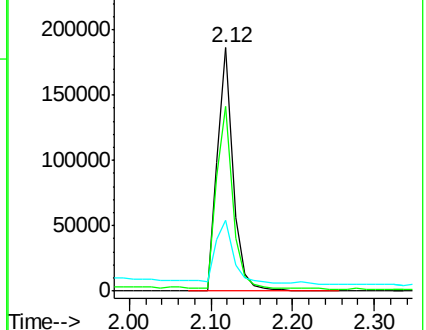
43 28.9 22.3 33.5

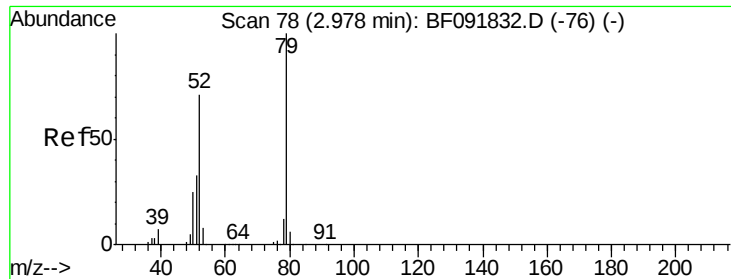


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.19 ng

RT: 2.72 min Scan# 82

Delta R.T. 0.08 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

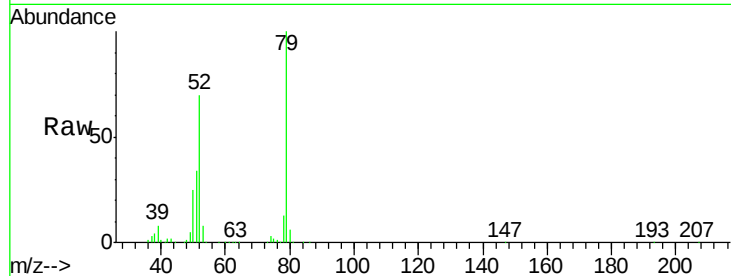
Tgt Ion: 79 Resp: 728364

Ion Ratio Lower Upper

79 100

52 70.5 57.1 85.7

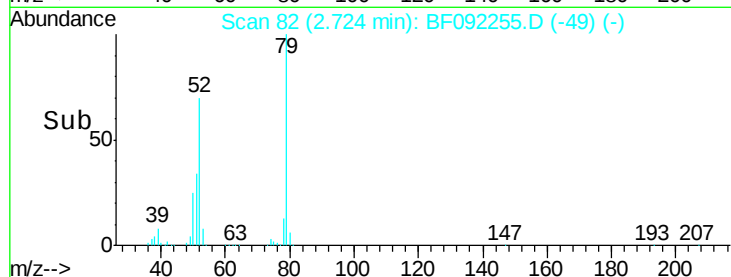
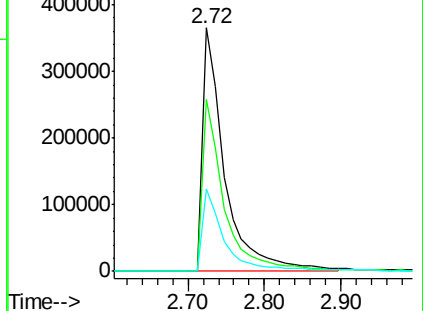
51 33.8 27.3 40.9



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: 45.80 ng

RT: 2.70 min Scan# 80

Delta R.T. 0.10 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

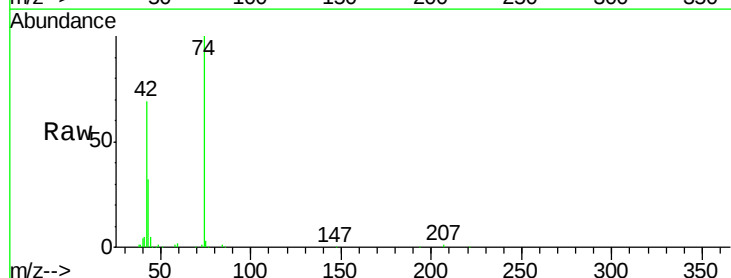
Tgt Ion: 42 Resp: 313122

Ion Ratio Lower Upper

42 100

74 145.8 117.0 175.4

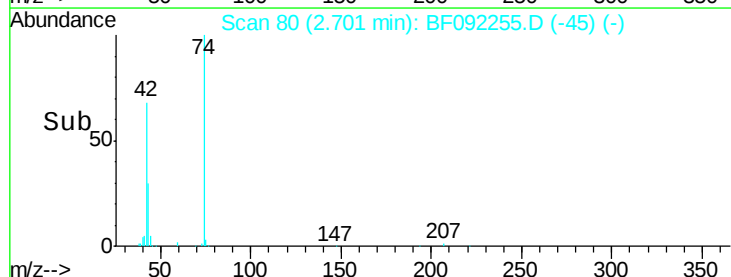
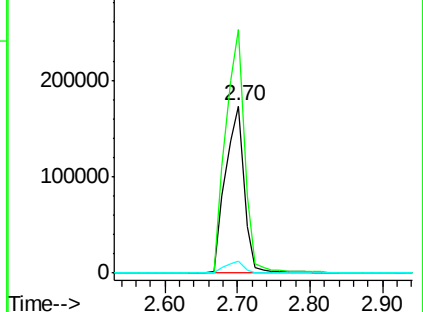
44 6.8 5.5 8.3

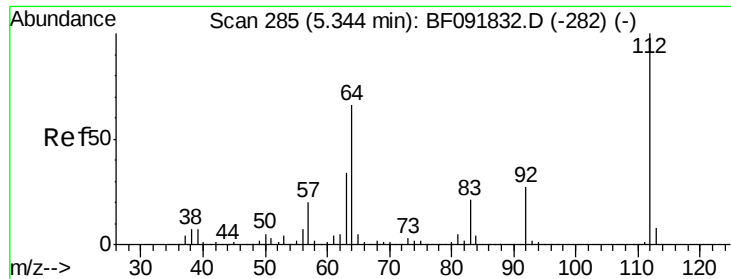


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 150.97 ng

RT: 5.18 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF092255.D

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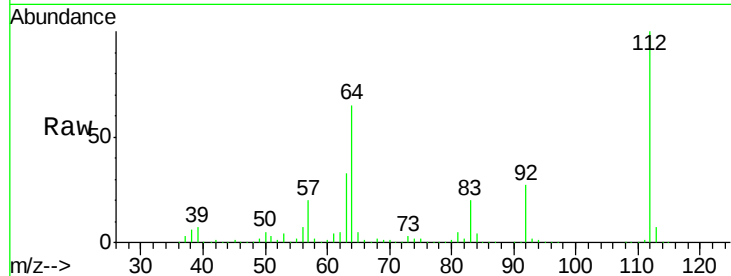
Tgt Ion: 112 Resp: 1592398

Ion Ratio Lower Upper

112 100

64 64.8 46.1 69.1

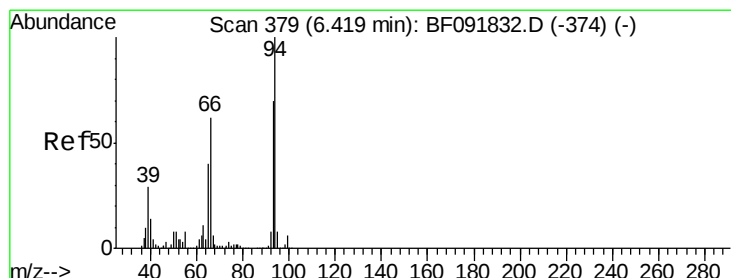
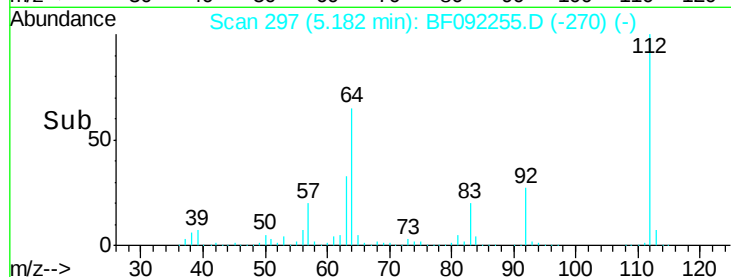
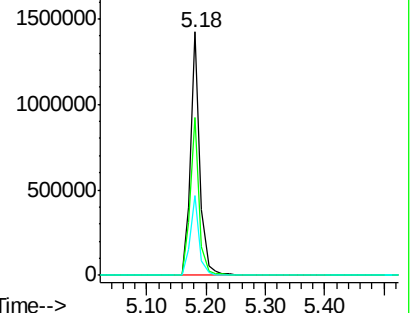
63 33.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.45 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

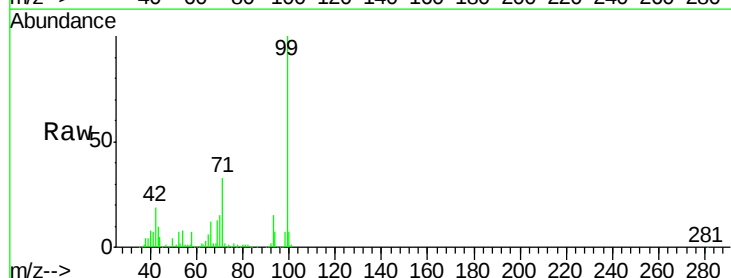
Tgt Ion: 93 Resp: 275196

Ion Ratio Lower Upper

93 100

66 86.0 76.2 114.2

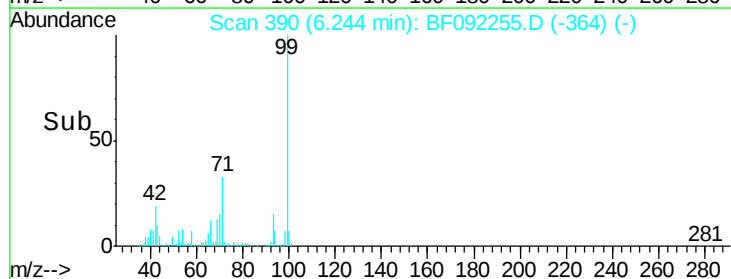
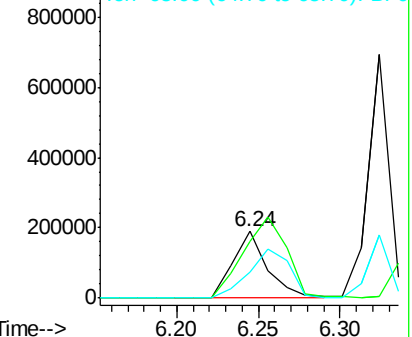
65 38.2 49.3 73.9#

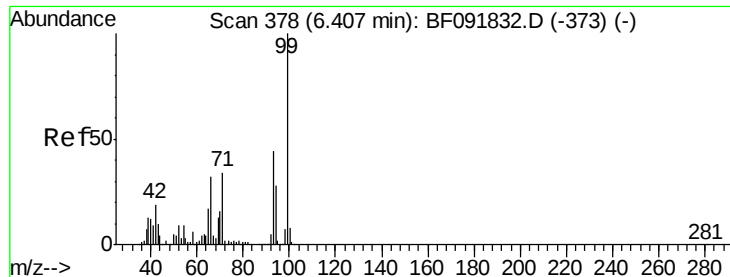


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 177.32 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

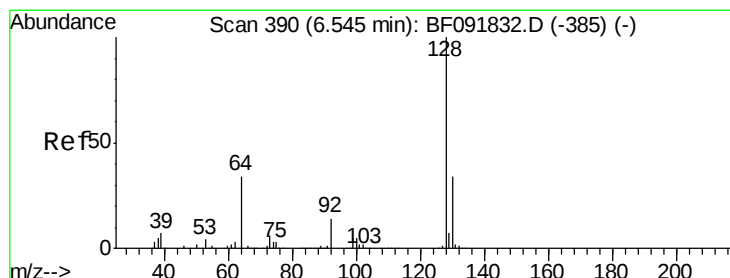
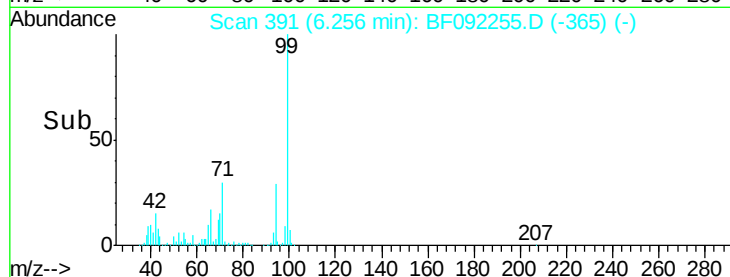
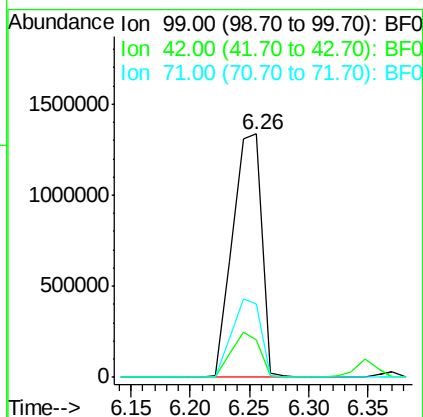
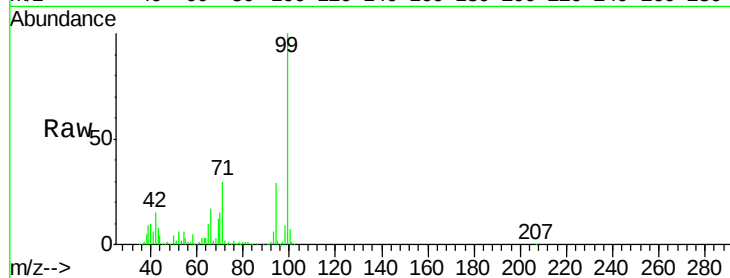
BNA_F

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PB95972BSD

Tgt Ion: 99 Resp: 2283438

Ion	Ratio	Lower	Upper
99	100		
42	15.2	15.6	23.4#
71	29.9	27.5	41.3



#8

2-Chlorophenol

Concen: 53.81 ng

RT: 6.37 min Scan# 401

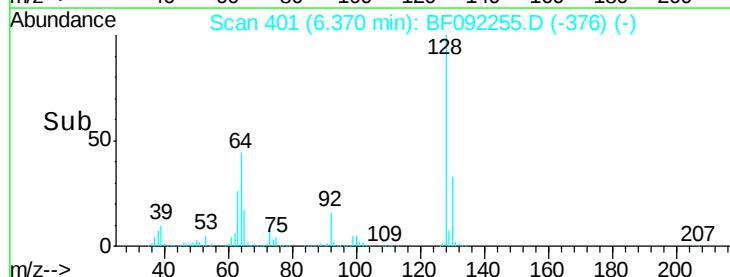
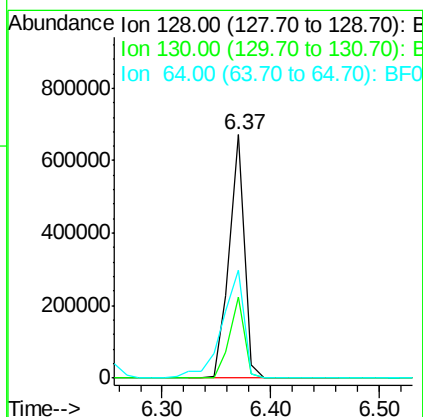
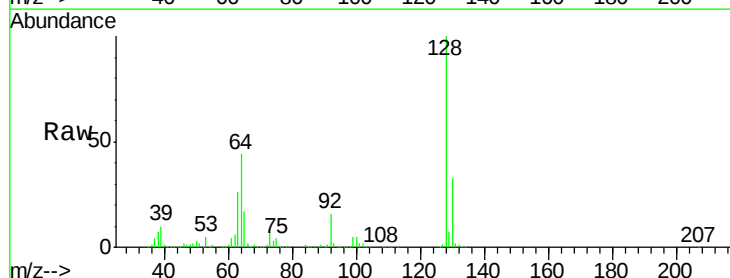
Delta R.T. -0.01 min

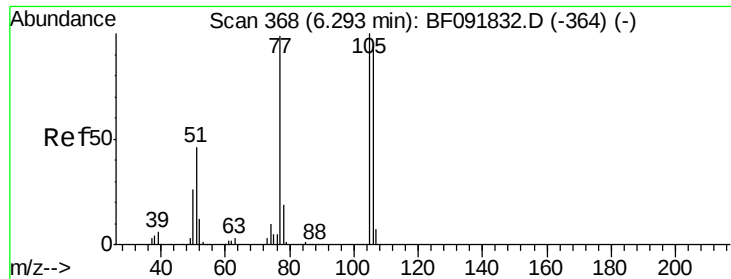
Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion: 128 Resp: 645596

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	44.3	32.2	72.2





#9

Benzaldehyde

Concen: 4.19 ng

RT: 6.12 min Scan# 379

Delta R.T. -0.01 min

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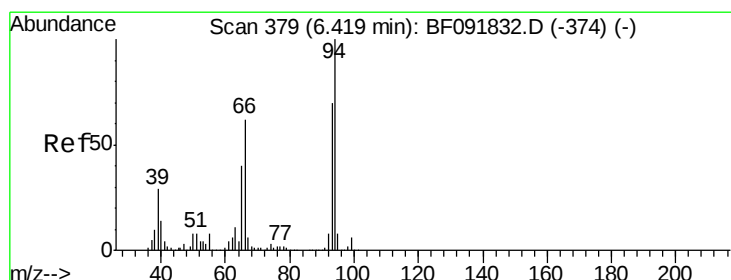
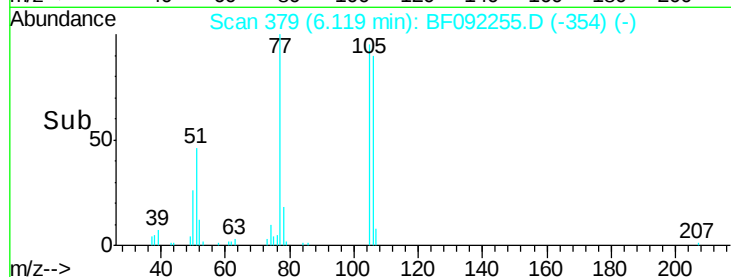
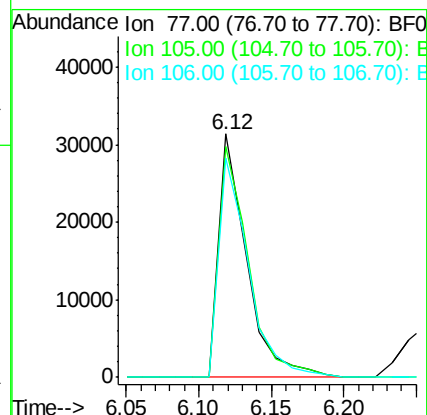
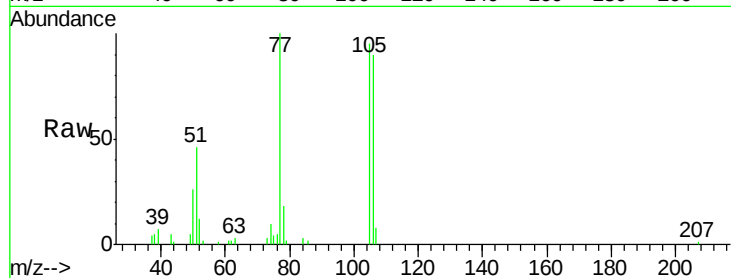
Tgt Ion: 77 Resp: 42268

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

106 89.9 77.6 117.6



#10

Phenol

Concen: 48.48 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

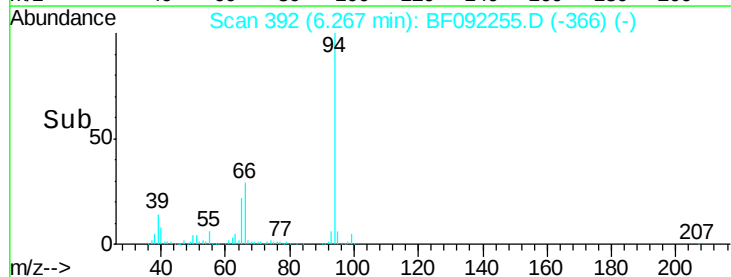
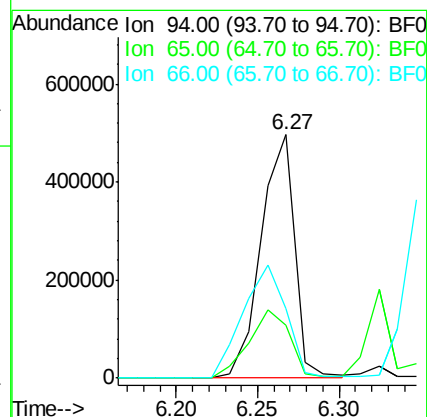
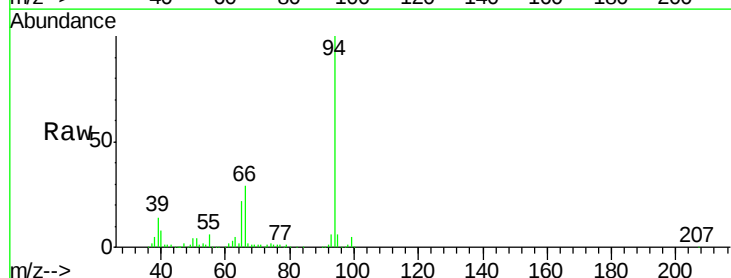
Tgt Ion: 94 Resp: 711393

Ion Ratio Lower Upper

94 100

65 21.5 21.4 61.4

66 28.7 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 52.31 ng

RT: 6.32 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

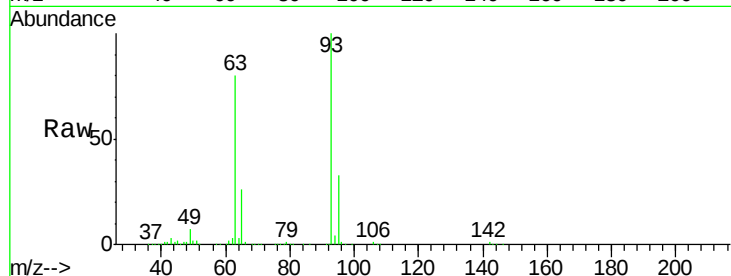
Tgt Ion: 93 Resp: 610760

Ion Ratio Lower Upper

93 100

63 80.3 60.4 100.4

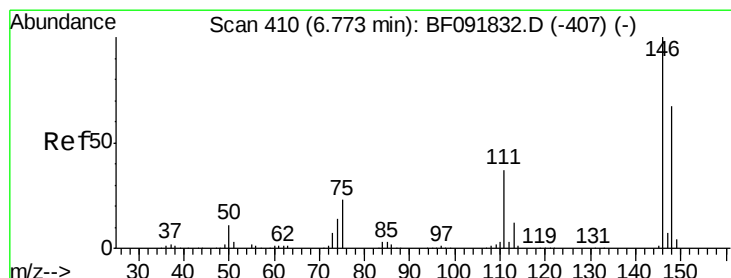
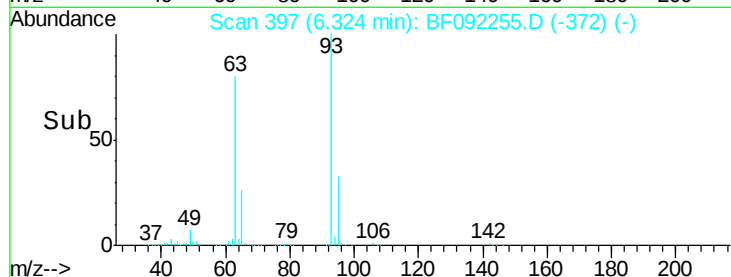
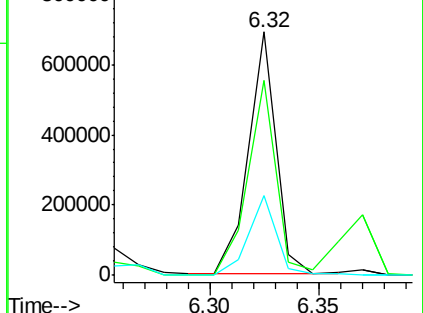
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 48.67 ng

RT: 6.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

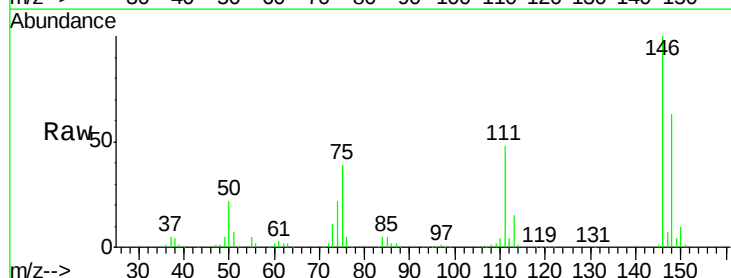
Tgt Ion: 146 Resp: 623347

Ion Ratio Lower Upper

146 100

148 63.2 53.4 80.0

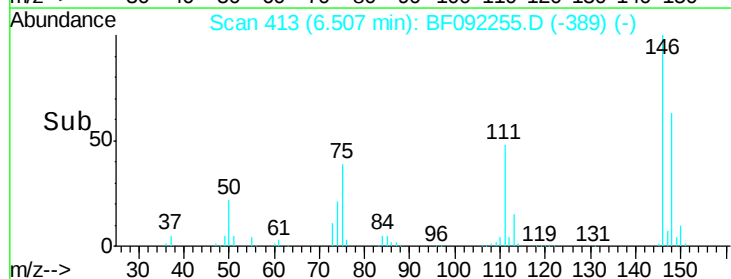
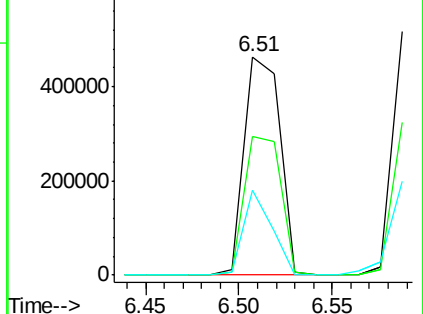
75 39.0 18.5 27.7#

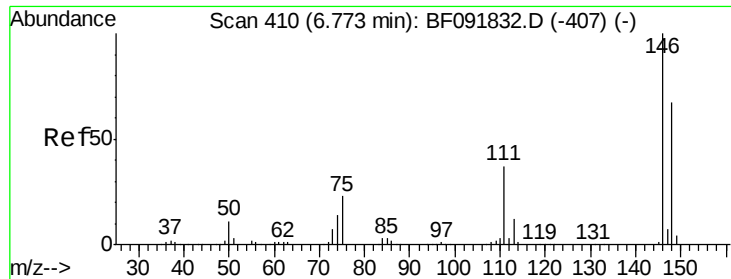


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

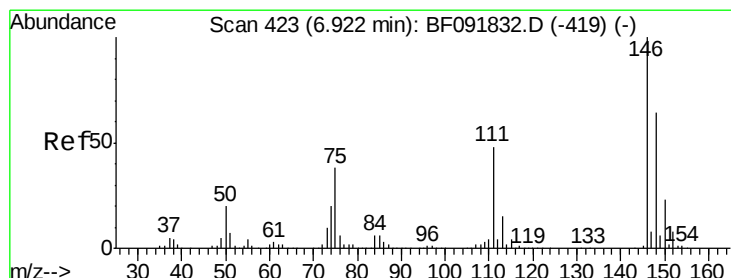
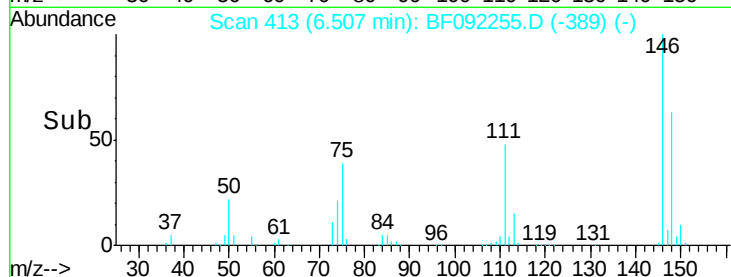
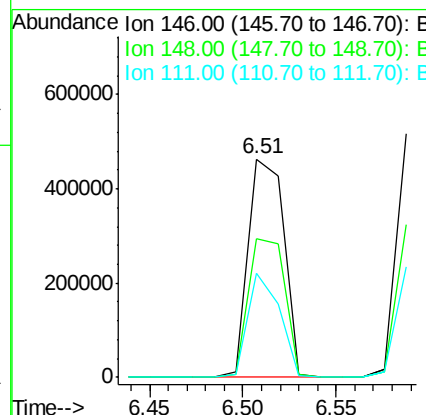
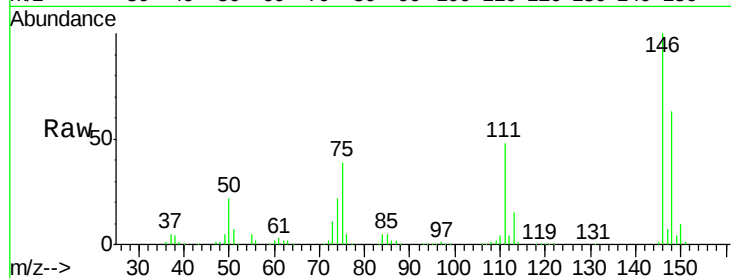




#13
 1,4-Dichlorobenzene
 Concen: 47.81 ng
 RT: 6.51 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

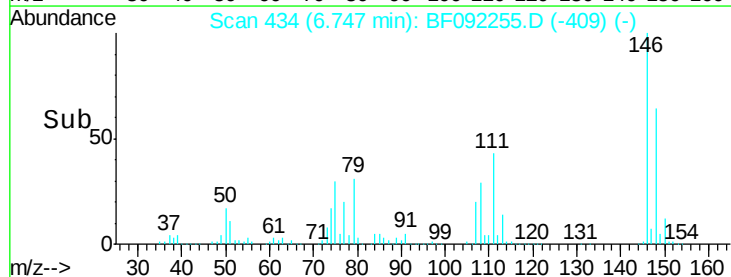
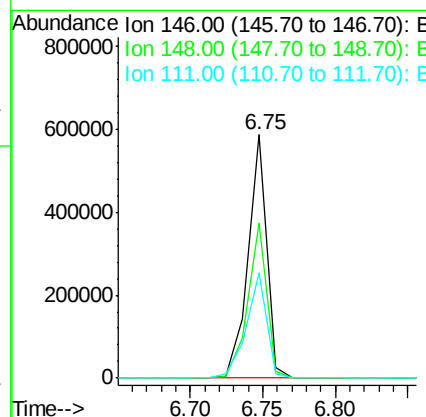
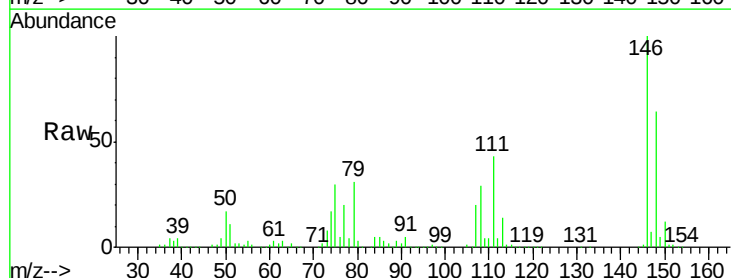
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion:146 Resp: 623347
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 47.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 46.27 ng
 RT: 6.75 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:146 Resp: 523409
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.2
 111 43.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.91 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

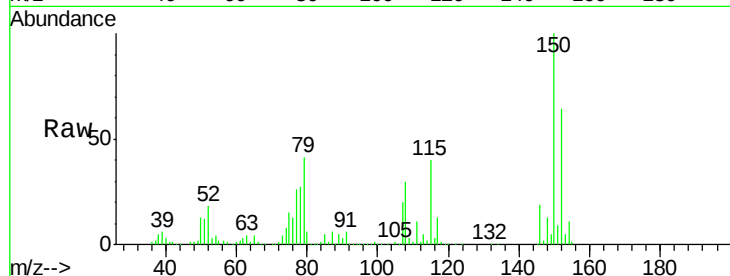
Tgt Ion: 79 Resp: 429407

Ion Ratio Lower Upper

79 100

108 72.8 61.4 92.0

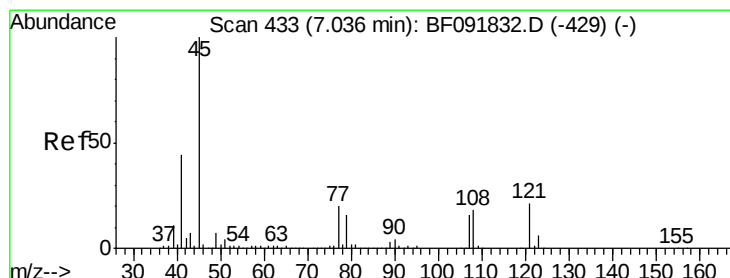
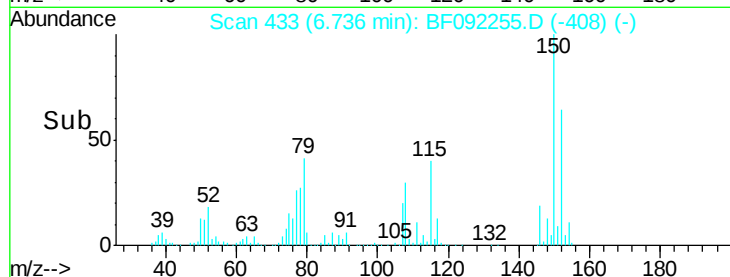
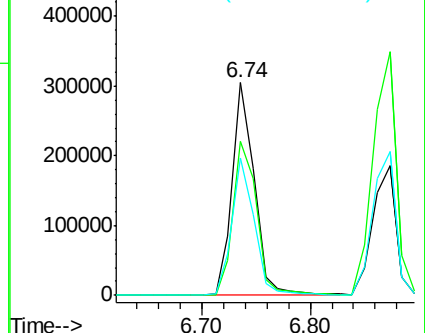
77 64.6 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.27 ng

RT: 6.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

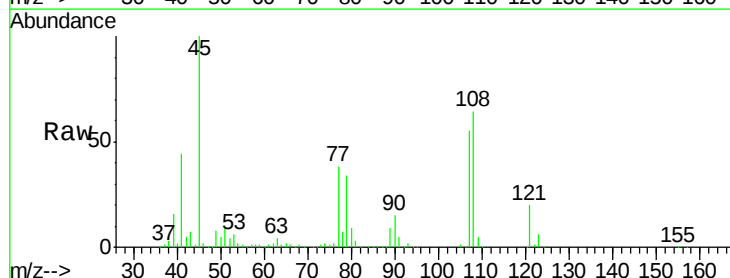
Tgt Ion: 45 Resp: 769722

Ion Ratio Lower Upper

45 100

77 37.6 0.0 34.6#

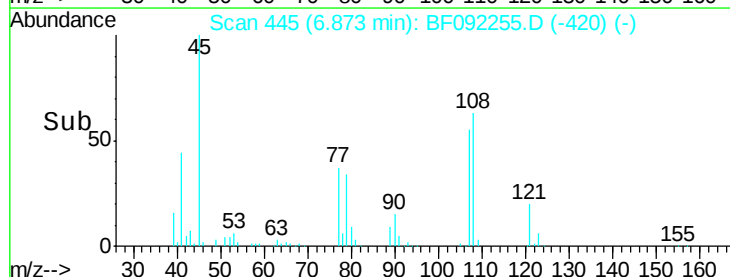
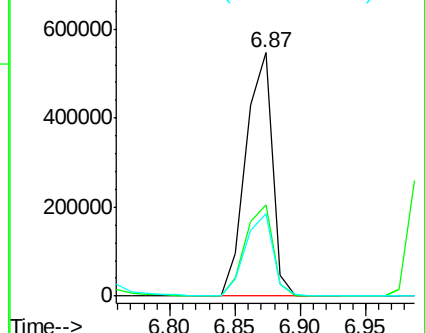
79 33.9 0.0 31.2#

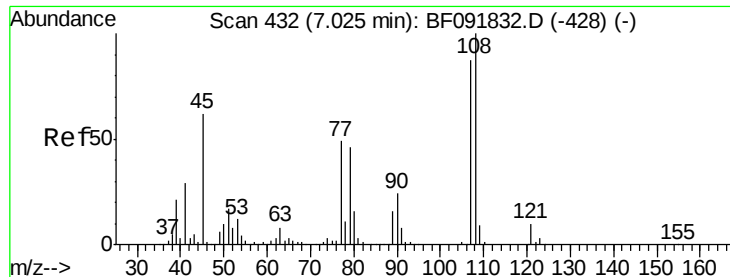


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

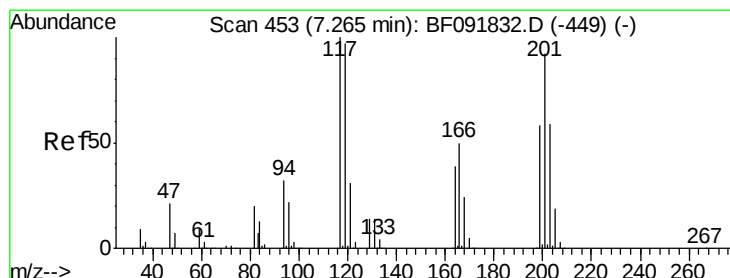
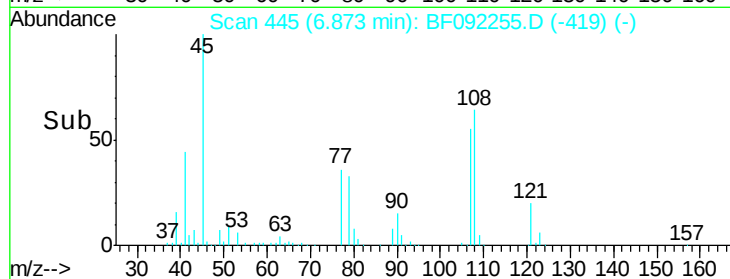
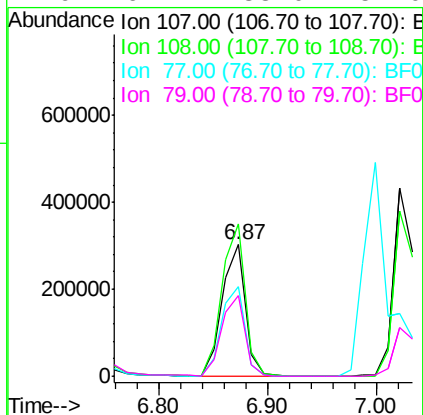
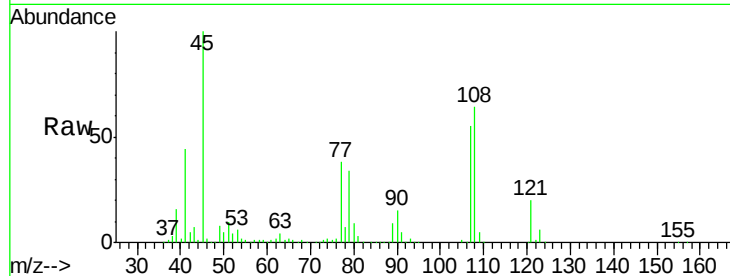




#17
2-Methylphenol
Concen: 46.02 ng
RT: 6.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

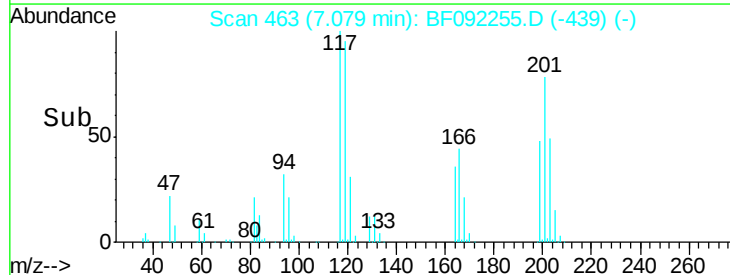
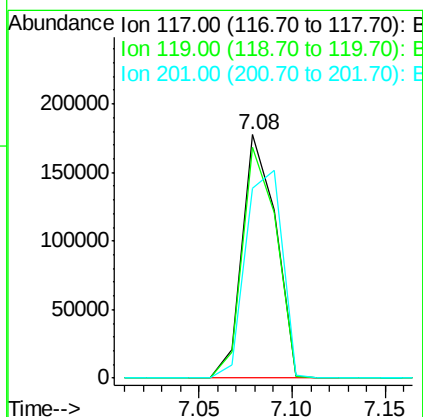
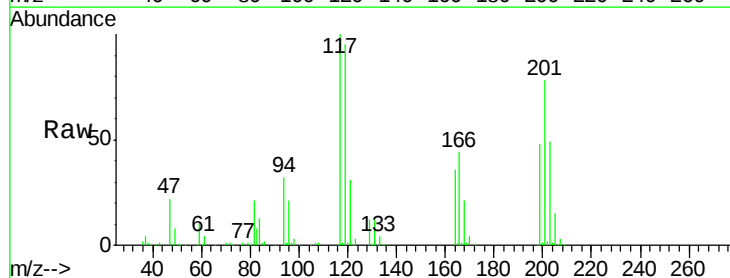
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.0	139.6
77	68.1	39.8	59.8#
79	61.4	38.0	57.0#



#18
Hexachloroethane
Concen: 45.68 ng
RT: 7.08 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.1	117.1
201	77.8	78.6	117.8#

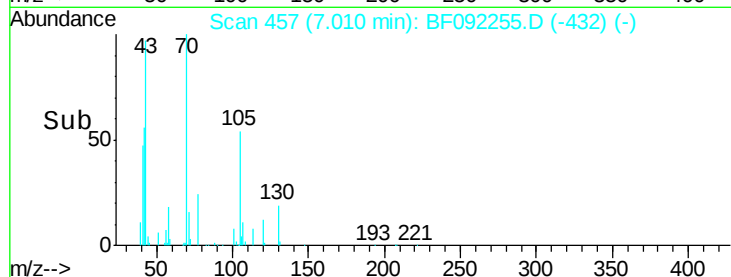
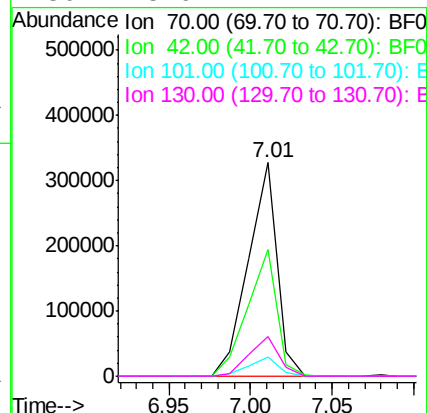
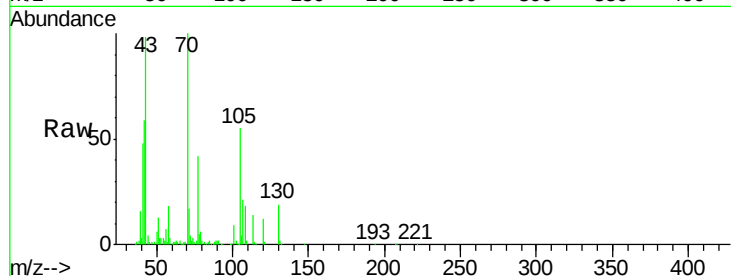




#19
n-Nitroso-di-n-propylamine
Concen: 46.80 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

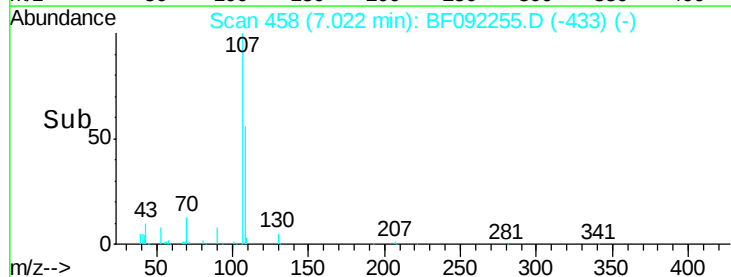
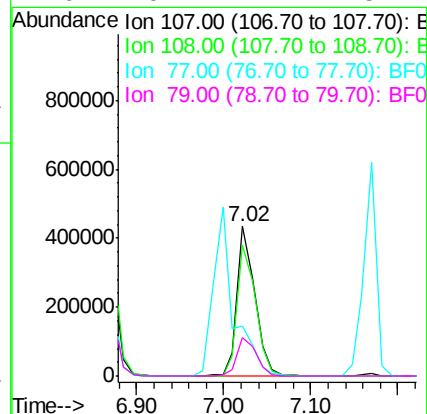
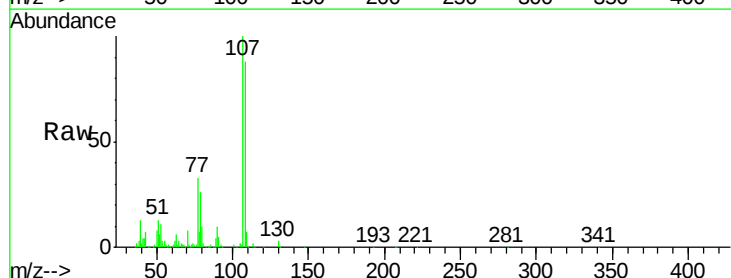
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

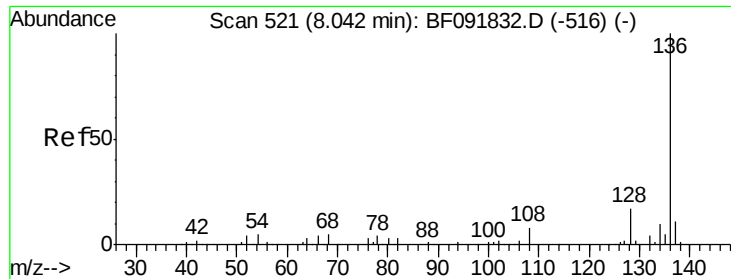
Tgt Ion:	70	Resp:	400981
Ion	Ratio	Lower	Upper
70	100		
42	59.2	49.4	74.0
101	8.8	7.4	11.2
130	18.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 53.70 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:	107	Resp:	618052
Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.0	113.0
77	33.2	71.3	111.3#
79	26.1	11.1	51.1

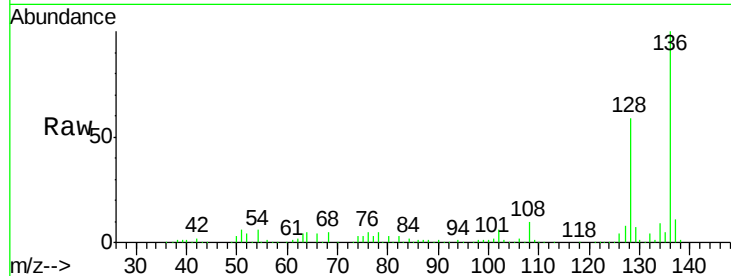




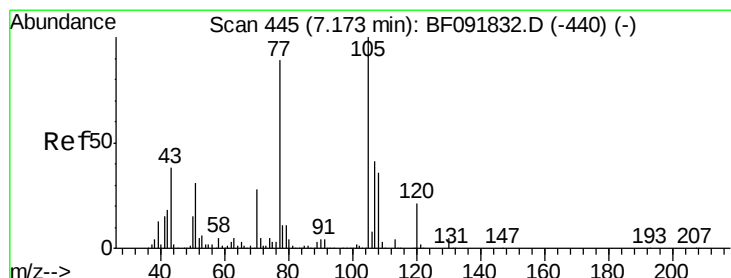
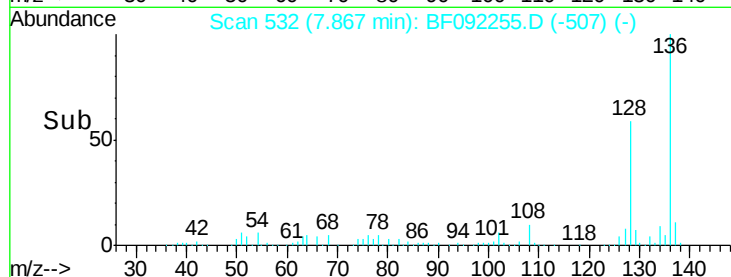
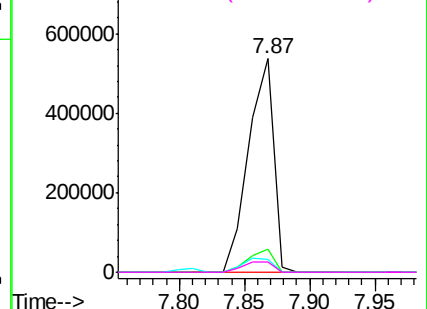
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tgt Ion:	136	Resp:	721350
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.9	4.5	6.7
68	4.9	3.6	5.4

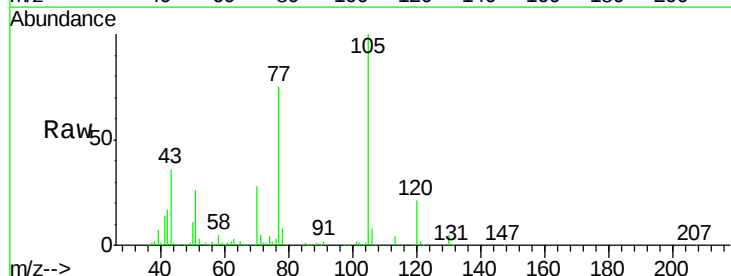


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

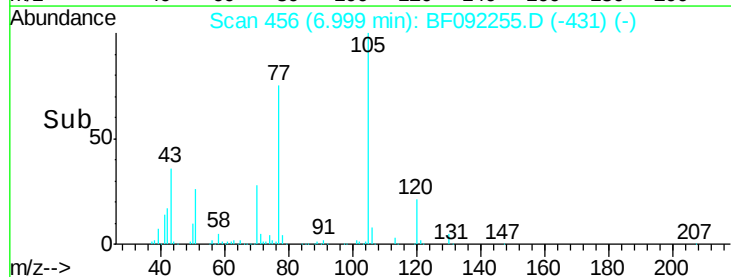
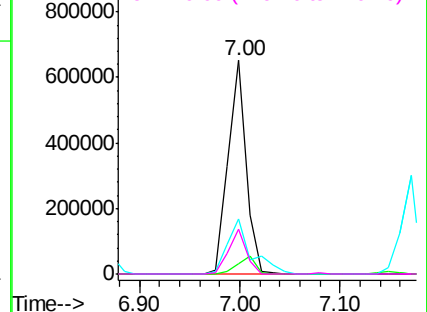


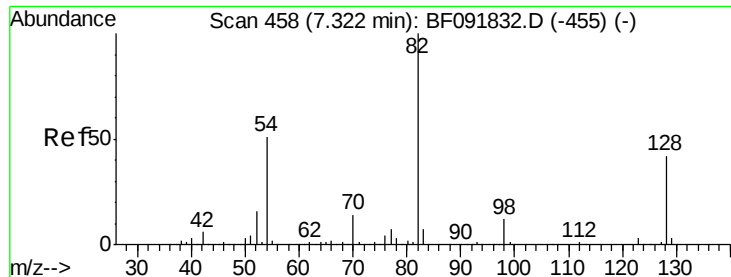
#22
Acetophenone
Concen: 45.72 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:	105	Resp:	813548
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.2	4.8
51	25.6	26.2	39.4
120	20.8	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

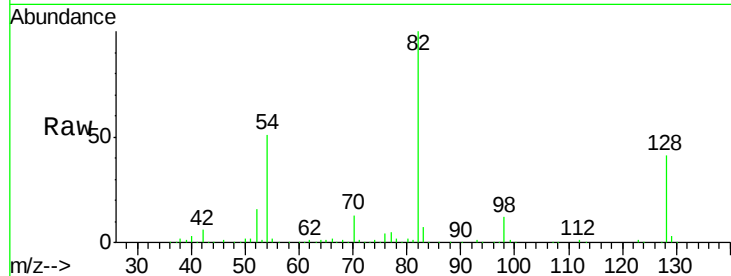




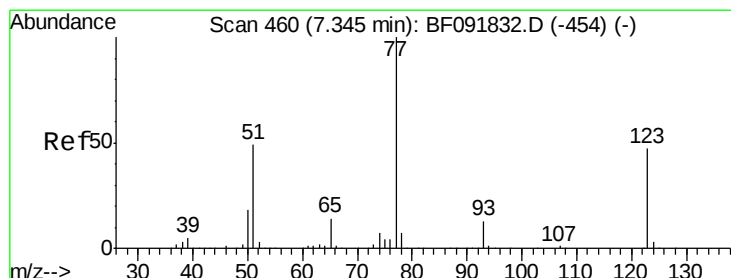
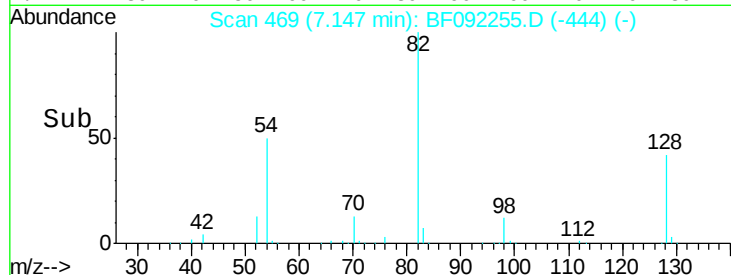
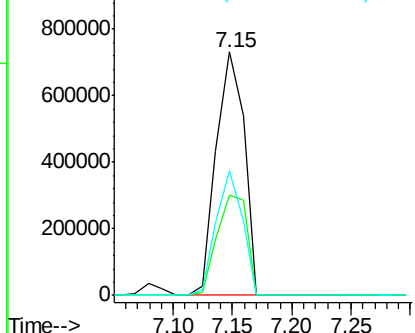
#23
 Nitrobenzene-d5
 Concen: 91.68 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion: 82 Resp: 1189331
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 51.1 39.5 59.3

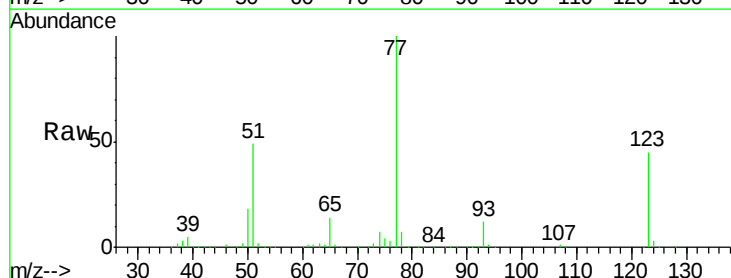


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

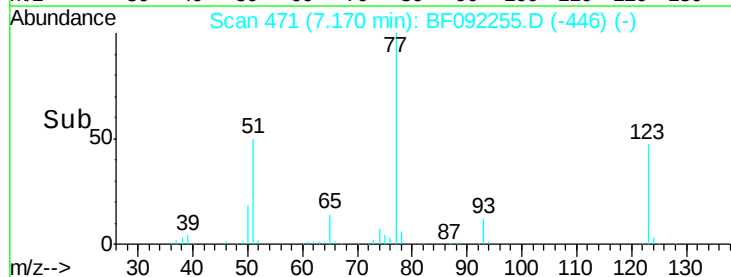
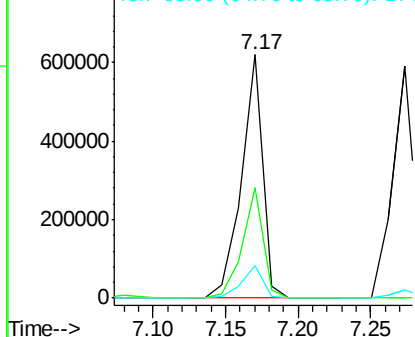


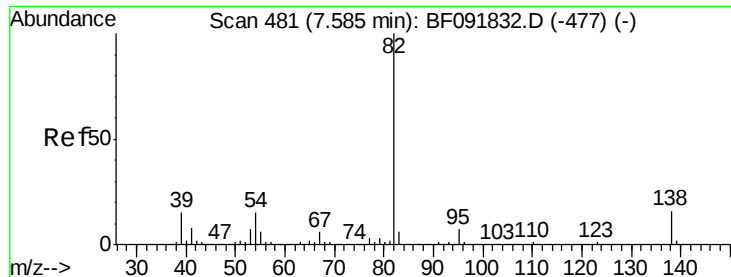
#24
 Nitrobenzene
 Concen: 45.38 ng
 RT: 7.17 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion: 77 Resp: 627059
 Ion Ratio Lower Upper
 77 100
 123 45.5 33.0 49.4
 65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 46.71 ng

RT: 7.41 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

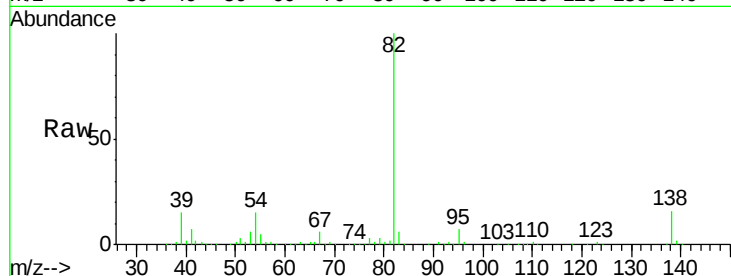
Tgt Ion: 82 Resp: 1117986

Ion Ratio Lower Upper

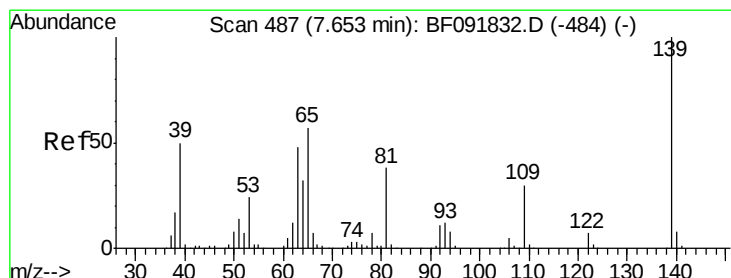
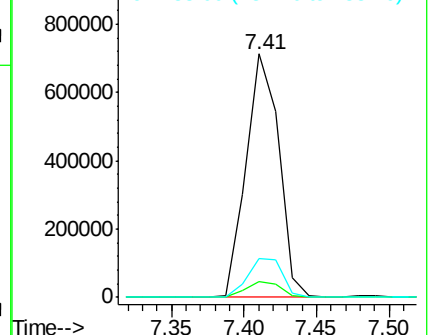
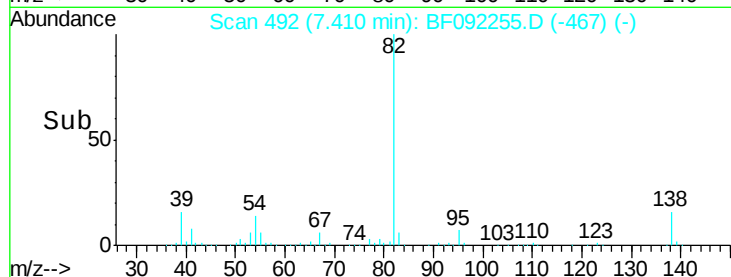
82 100

95 6.5 5.6 8.4

138 15.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.20 ng

RT: 7.49 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

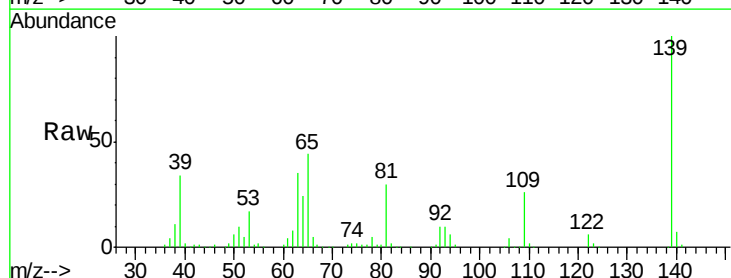
Tgt Ion: 139 Resp: 321615

Ion Ratio Lower Upper

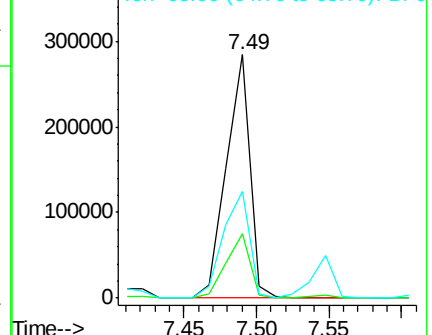
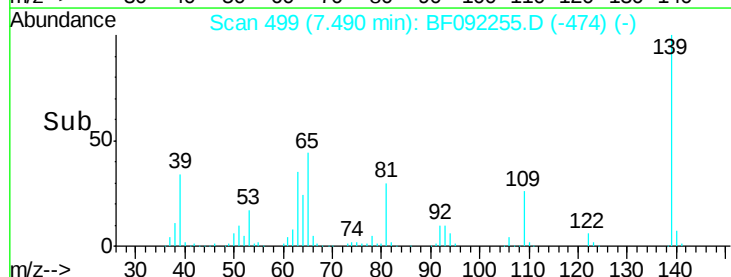
139 100

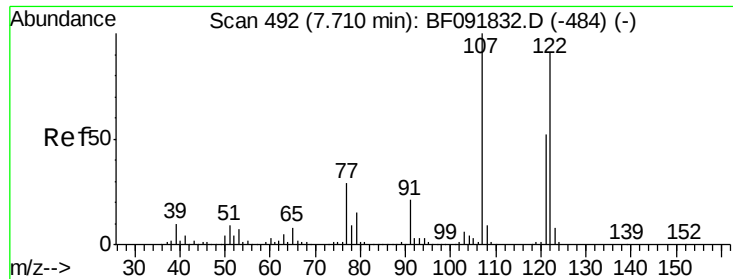
109 26.4 23.3 34.9

65 43.8 42.7 64.1



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

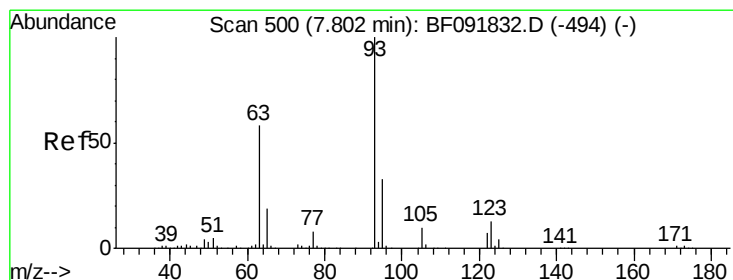
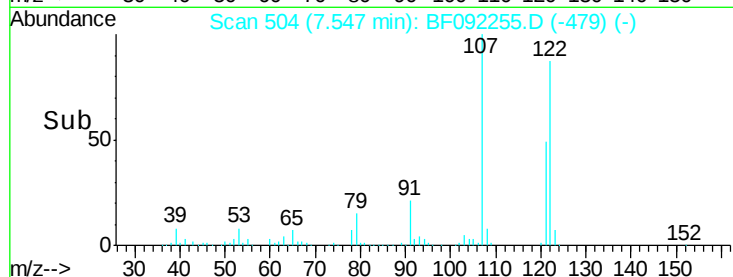
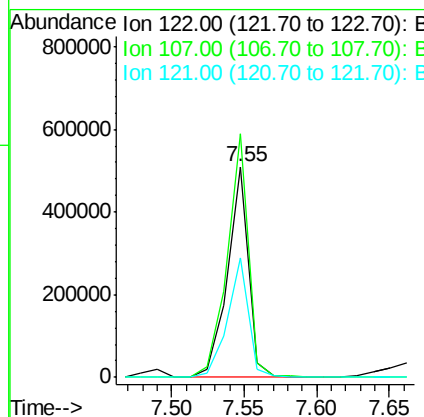
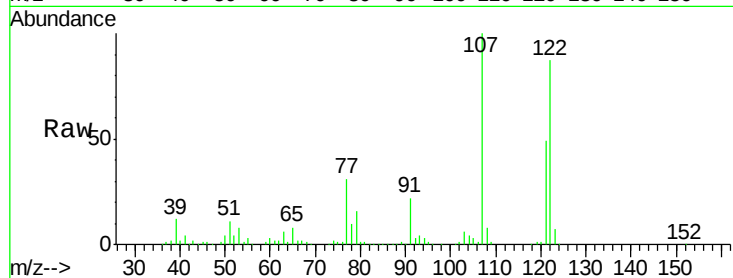




#27
 2,4-Dimethylphenol
 Concen: 45.50 ng
 RT: 7.55 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

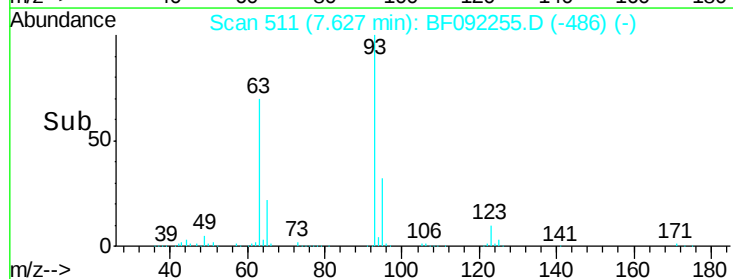
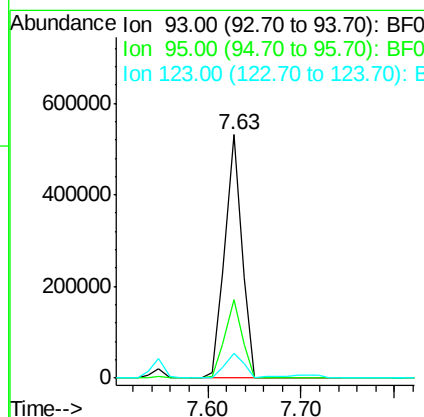
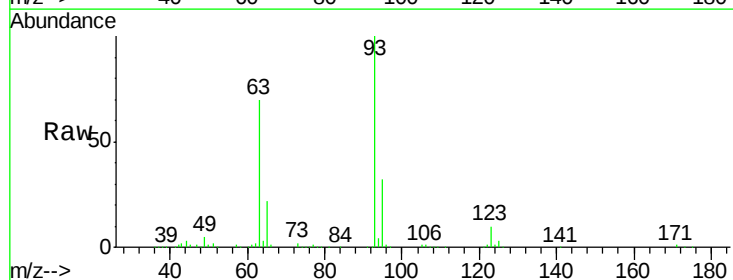
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

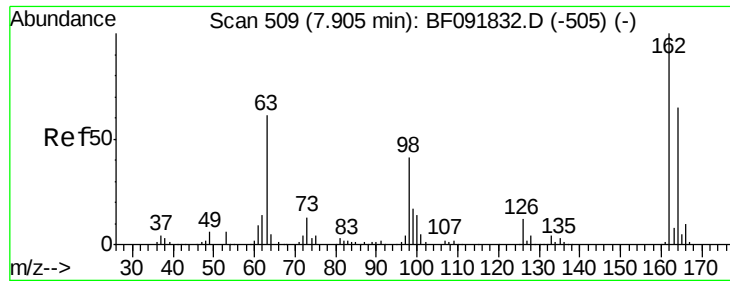
Tgt Ion: 122 Resp: 514147
 Ion Ratio Lower Upper
 122 100
 107 115.5 94.1 141.1
 121 56.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.11 ng
 RT: 7.63 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion: 93 Resp: 683695
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.1 8.6 13.0

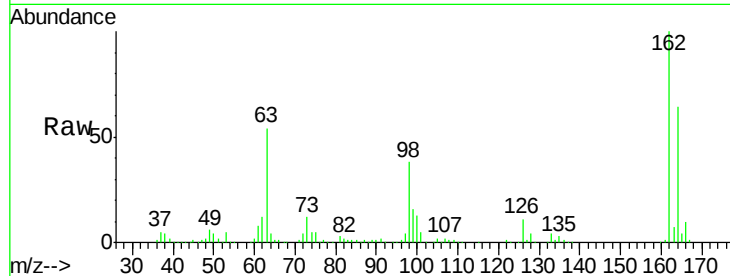




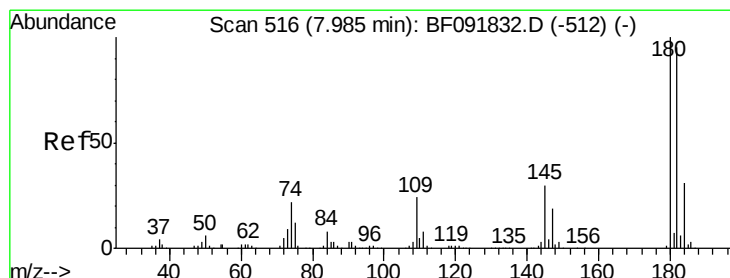
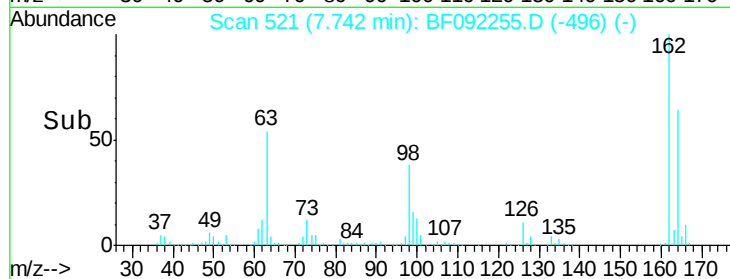
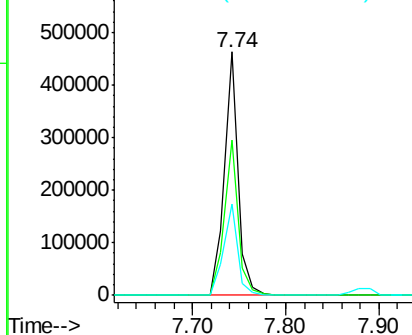
#29
 2,4-Dichlorophenol
 Concen: 49.42 ng
 RT: 7.74 min Scan# 521
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion:162 Resp: 472963
 Ion Ratio Lower Upper
 162 100
 164 63.8 46.8 86.8
 98 37.6 9.1 49.1

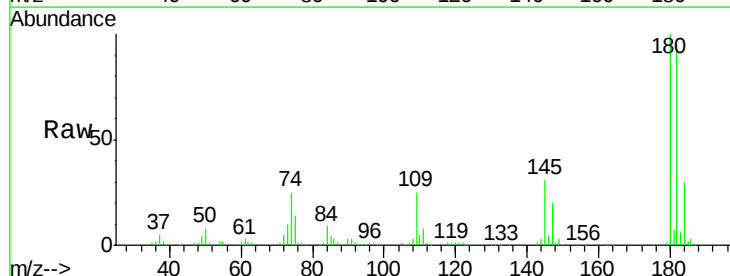


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

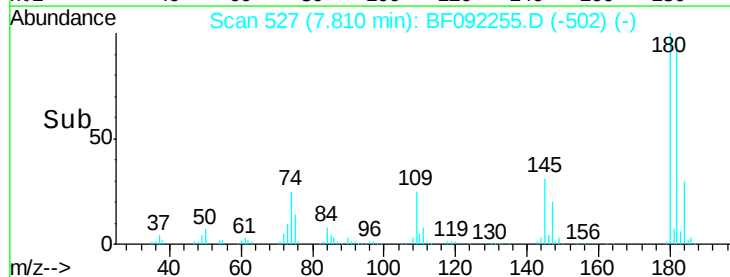
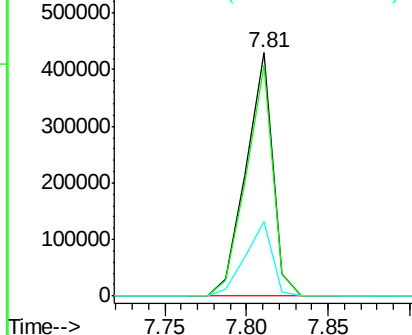


#30
 1,2,4-Trichlorobenzene
 Concen: 46.58 ng
 RT: 7.81 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:180 Resp: 488445
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.2 117.4
 145 30.7 21.6 32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.39 ng

RT: 7.89 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

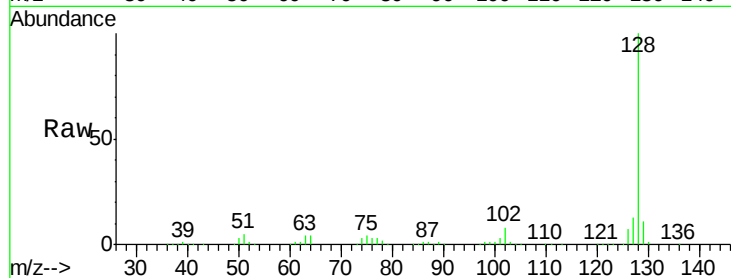
Tgt Ion:128 Resp: 1597454

Ion Ratio Lower Upper

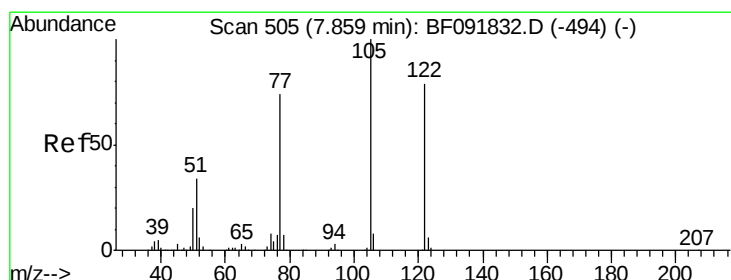
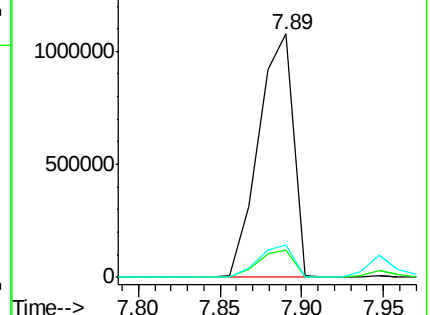
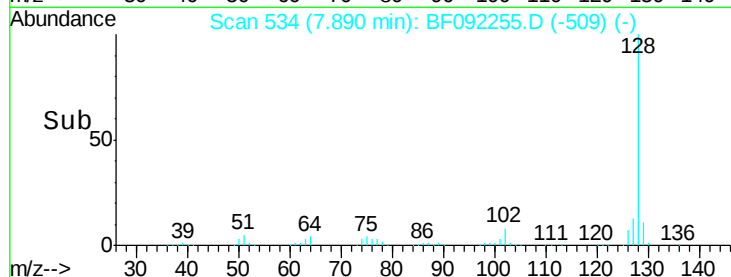
128 100

129 11.1 9.5 14.3

127 13.3 10.8 16.2



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



#32

Benzoic acid

Concen: 35.96 ng

RT: 7.72 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

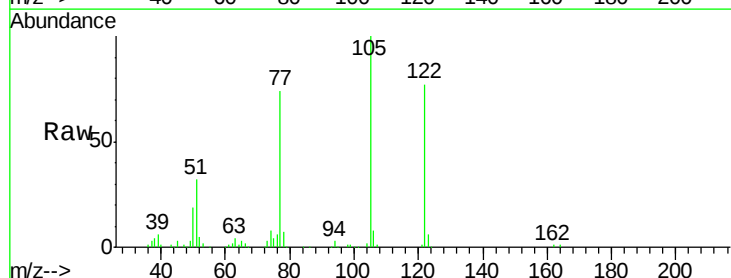
Tgt Ion:122 Resp: 301440

Ion Ratio Lower Upper

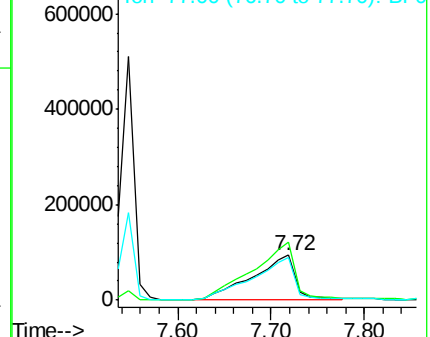
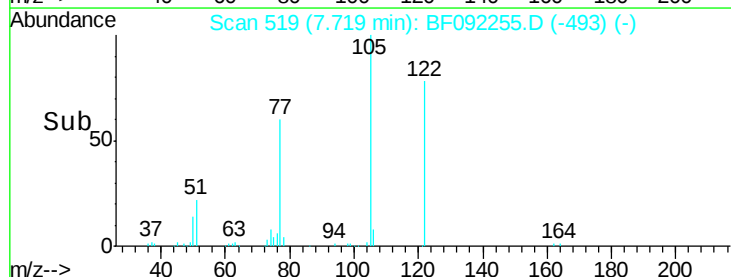
122 100

105 129.1 107.2 147.2

77 95.2 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

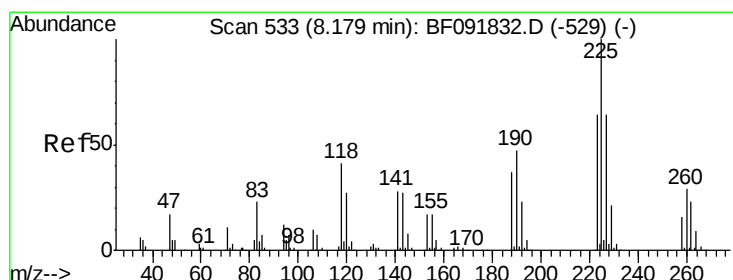
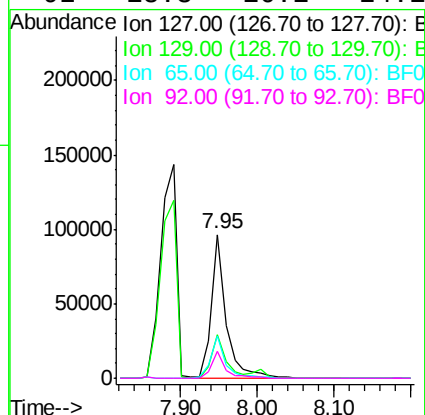
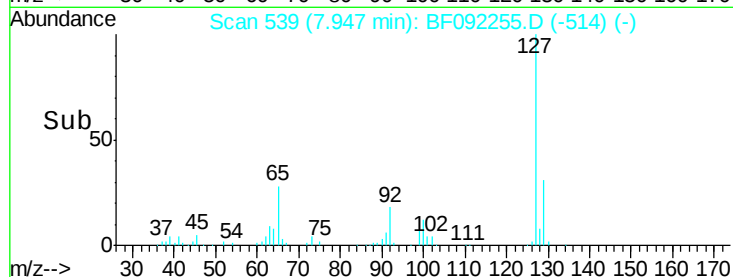
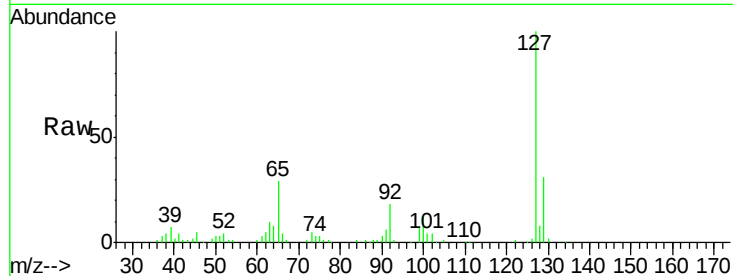




#33
4-Chloroaniline
Concen: 8.68 ng
RT: 7.95 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

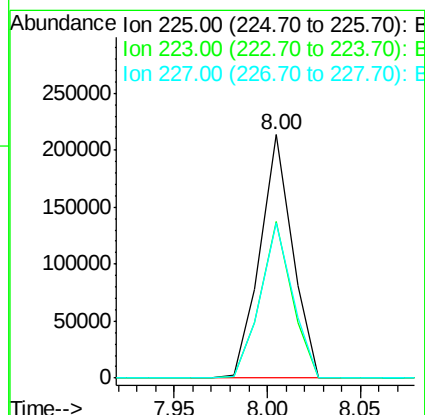
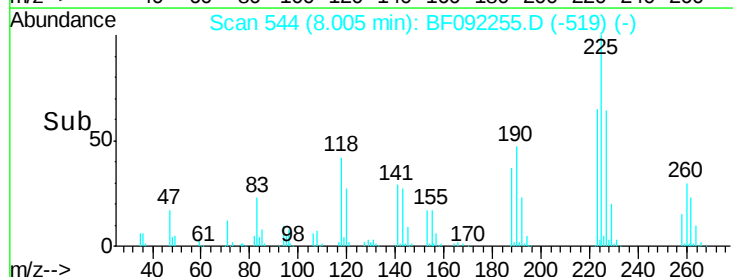
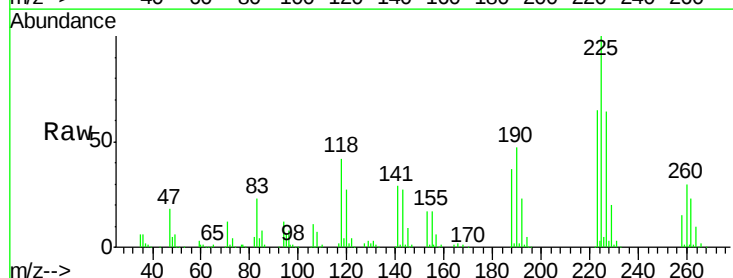
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

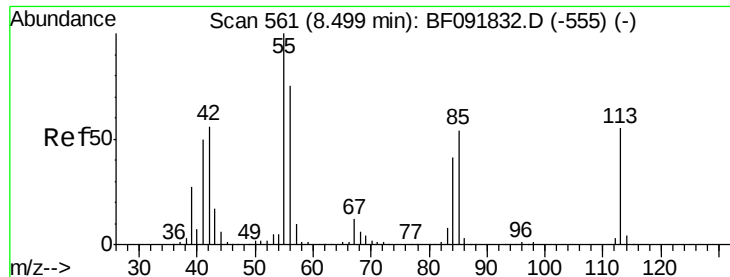
Tgt Ion:	127	Resp:	129195
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.3	39.5
65	29.3	25.8	38.8
92	18.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 46.43 ng
RT: 8.00 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:	225	Resp:	256992
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	64.1	50.6	76.0

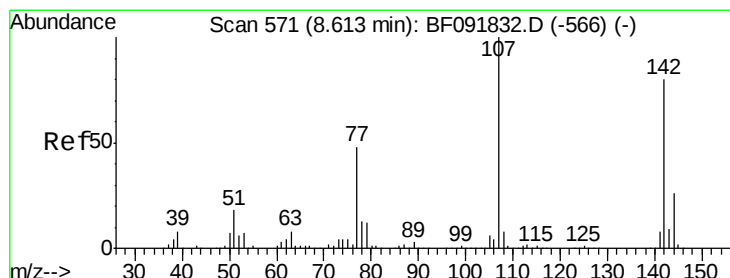
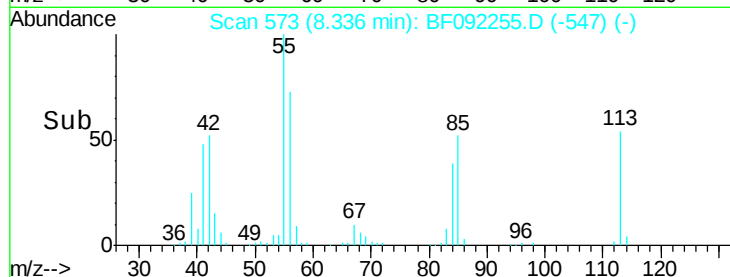
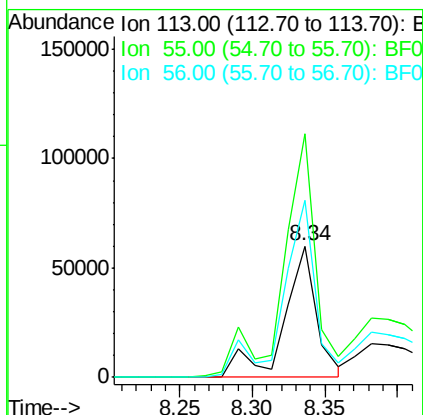
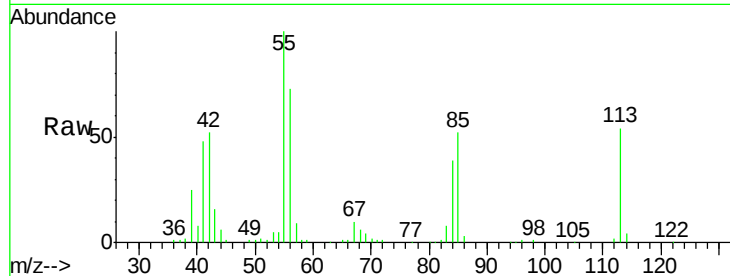




#35
 Caprolactam
 Concen: 29.54 ng
 RT: 8.34 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

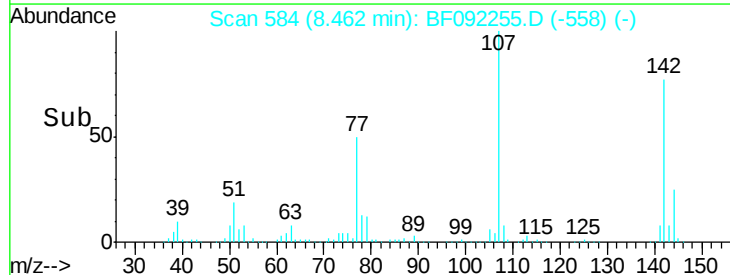
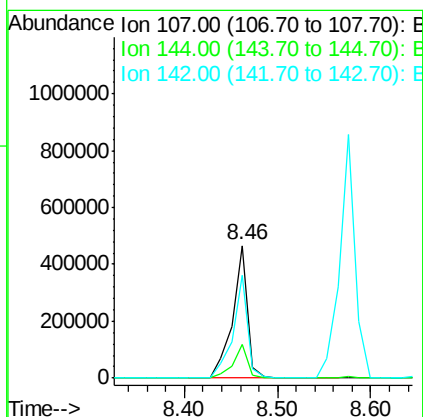
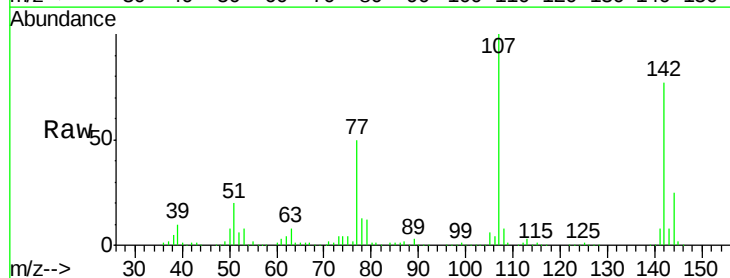
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

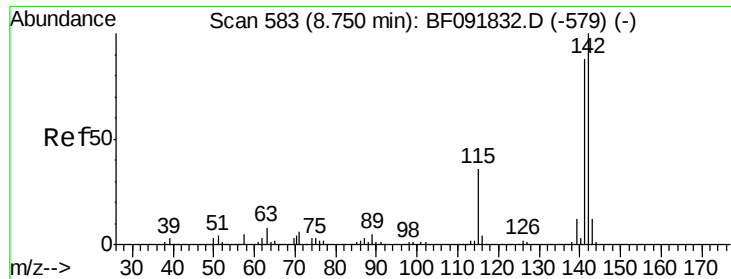
Tgt Ion:113 Resp: 92899
 Ion Ratio Lower Upper
 113 100
 55 185.5 119.2 159.2#
 56 134.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.80 ng
 RT: 8.46 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:107 Resp: 526300
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 77.4 59.0 88.6

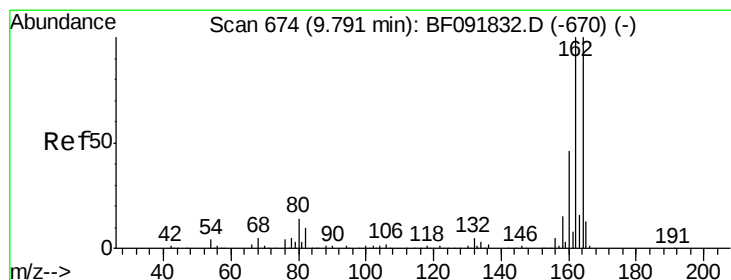
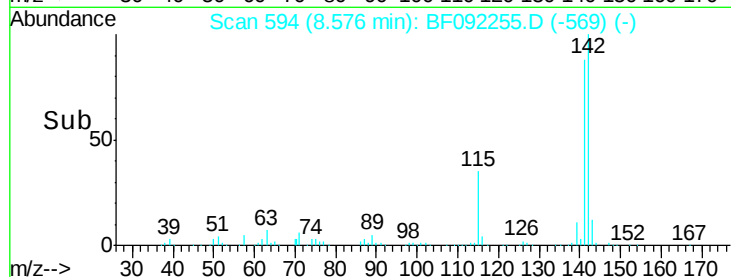
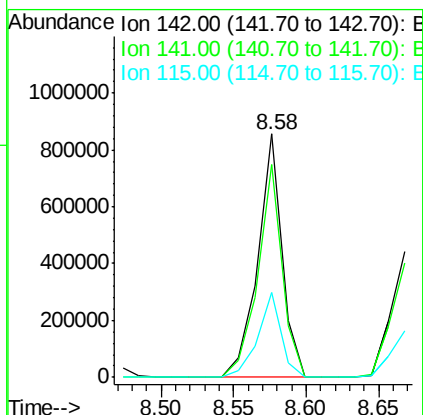
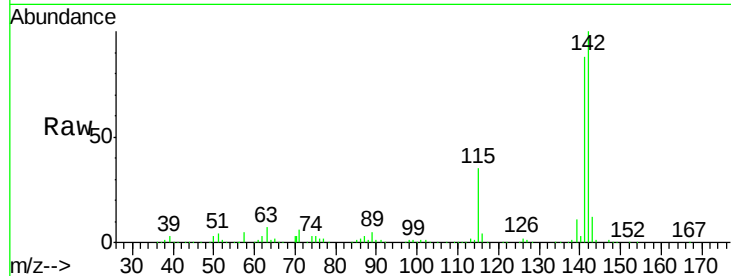




#37
 2-Methylnaphthalene
 Concen: 53.20 ng
 RT: 8.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

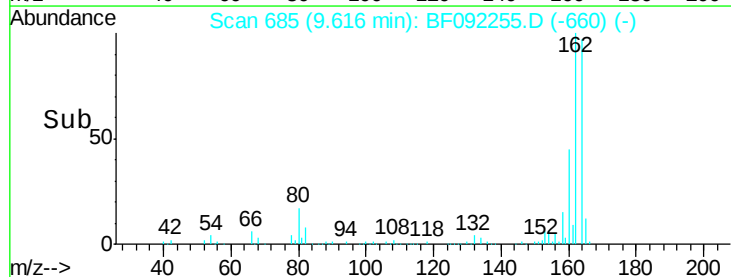
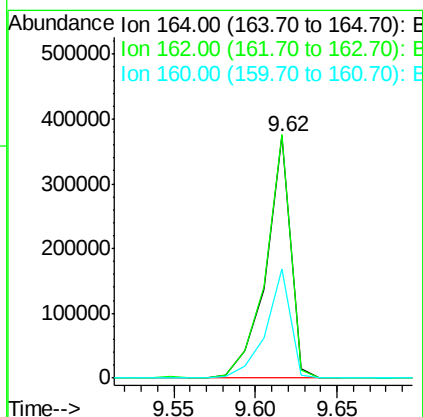
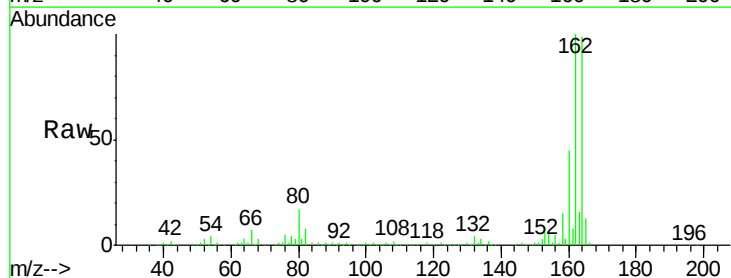
Instrument :
 BNA_F
 ClientSampled :
 PB95972BSD

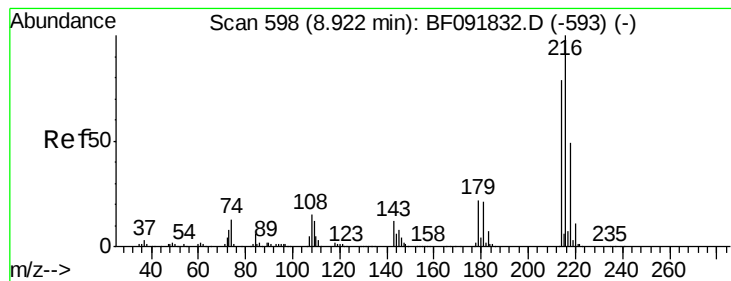
Tgt Ion:142 Resp: 994725
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.0 106.6
 115 34.9 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:164 Resp: 390790
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.2
 160 45.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.78 ng

RT: 8.75 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

Tgt Ion:216 Resp: 451975

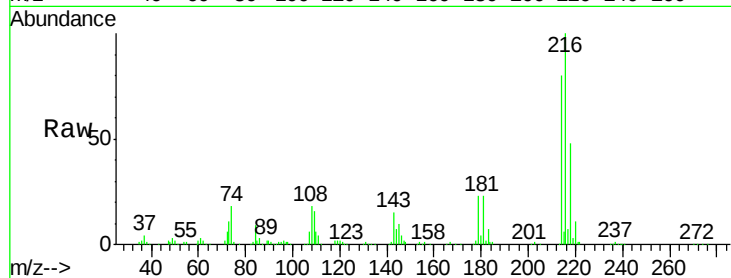
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.0

179 22.5 17.4 26.2

108 22.2 15.6 23.4

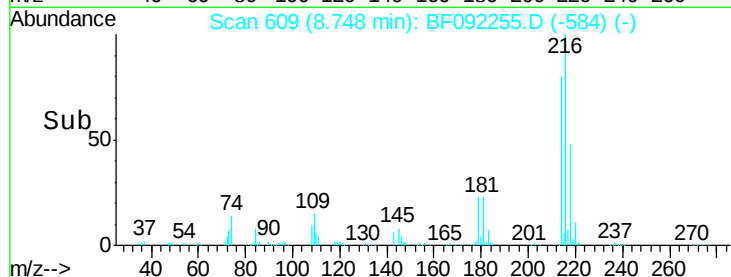


Abundance Ion 216.00 (215.70 to 216.70): E

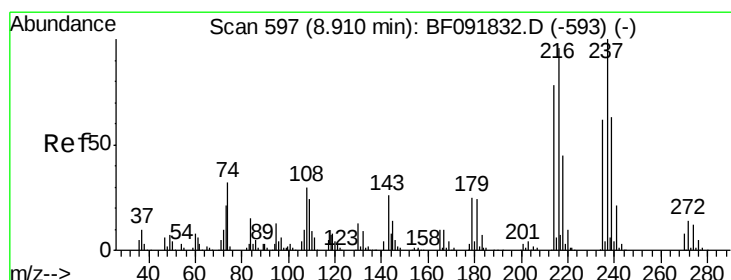
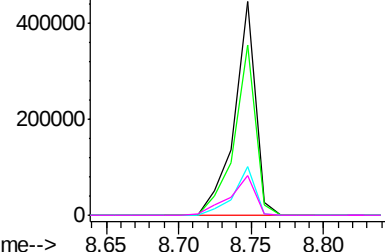
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 80.76 ng

RT: 8.74 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

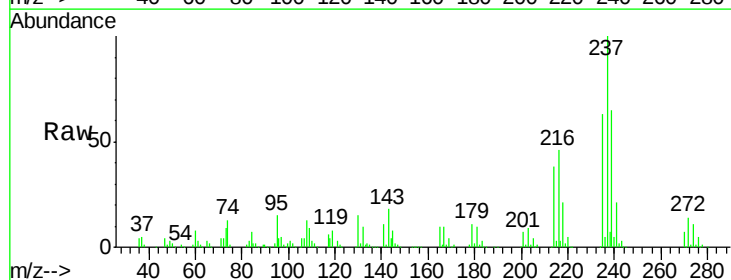
Tgt Ion:237 Resp: 355308

Ion Ratio Lower Upper

237 100

235 63.2 41.2 81.2

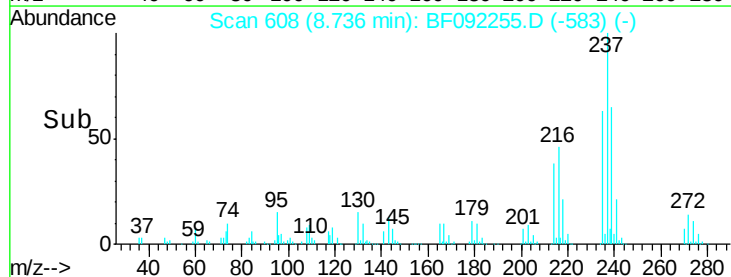
272 14.2 0.0 35.4



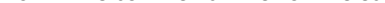
Abundance Ion 236.80 (236.50 to 237.50): E

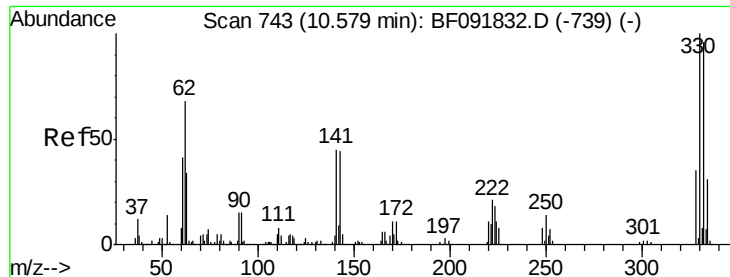
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

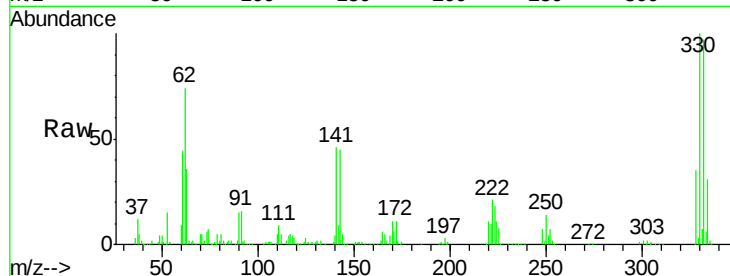




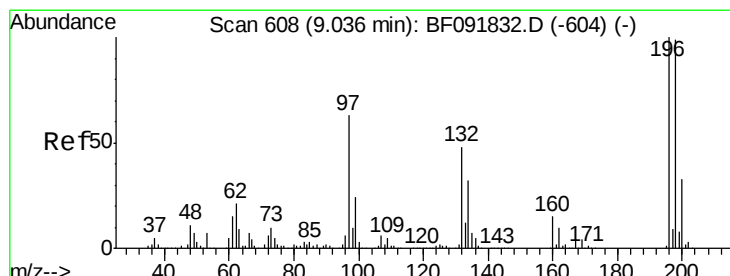
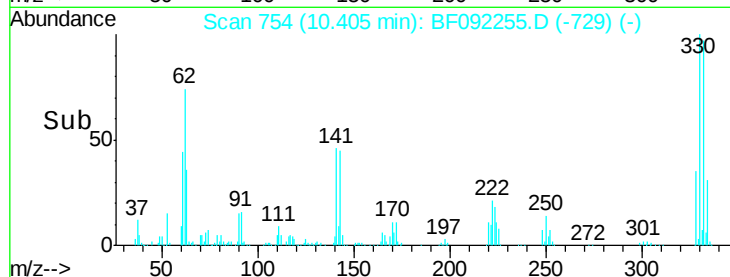
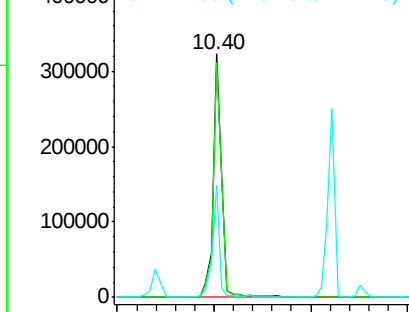
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion:330 Resp: 409195
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.5 34.1 51.1

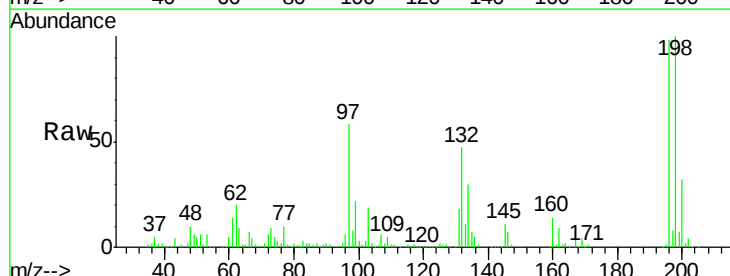


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

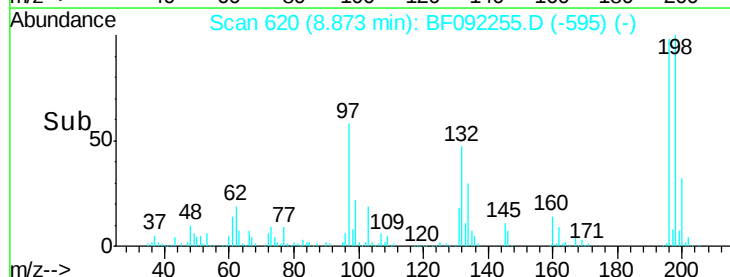
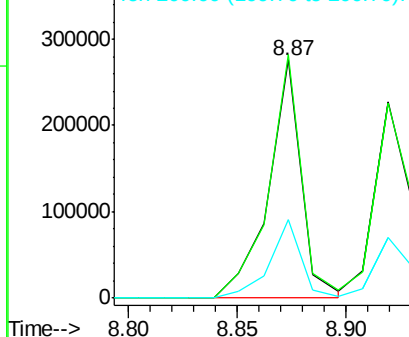


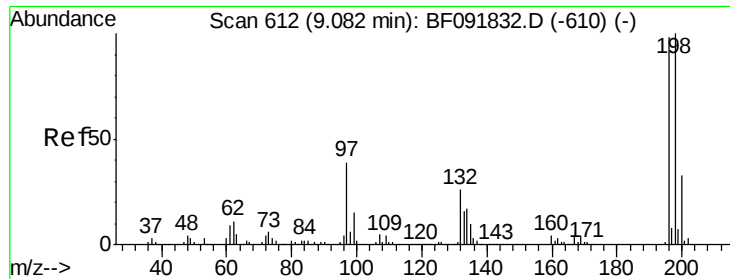
#42
 2,4,6-Trichlorophenol
 Concen: 42.47 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:196 Resp: 293236
 Ion Ratio Lower Upper
 196 100
 198 102.3 82.1 123.1
 200 33.1 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

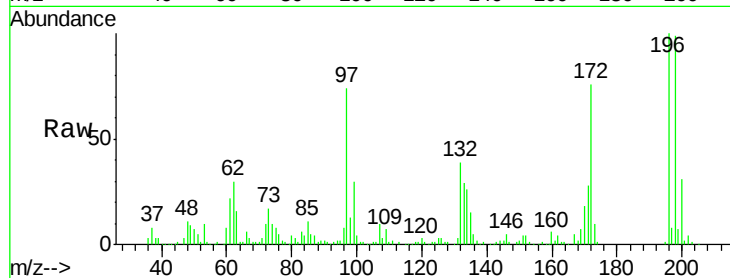




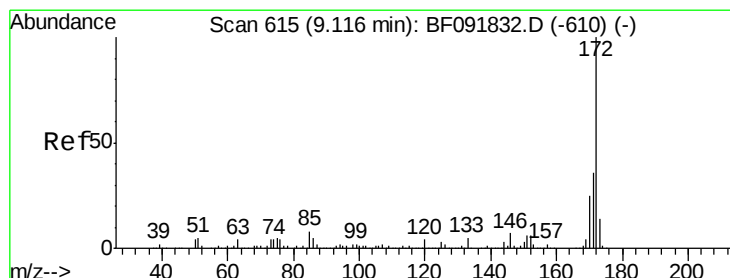
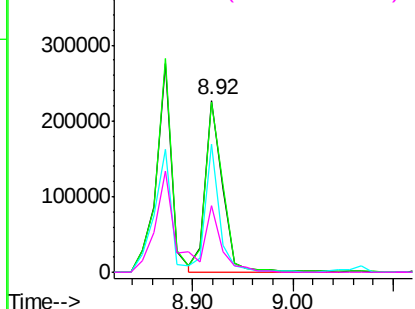
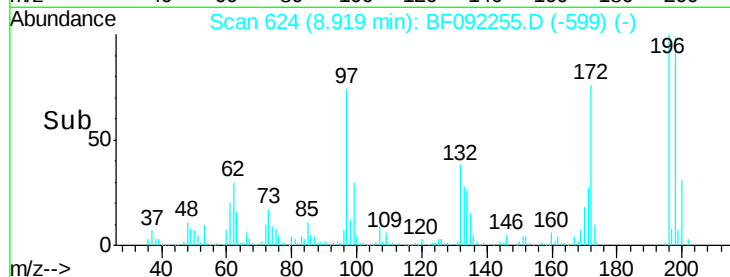
#43
 2,4,5-Trichlorophenol
 Concen: 37.90 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion:196 Resp: 269354
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.4 119.2
 97 74.5 51.5 77.3
 132 38.8 27.4 41.2

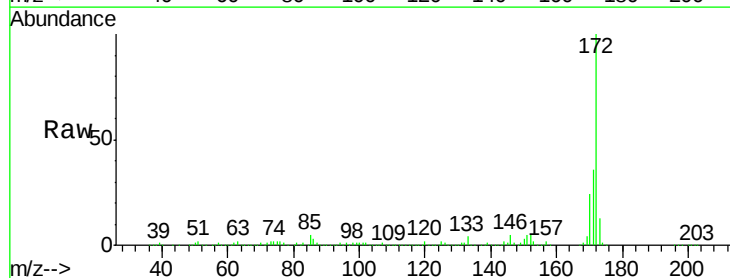


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

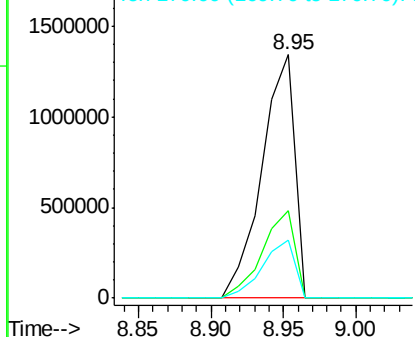
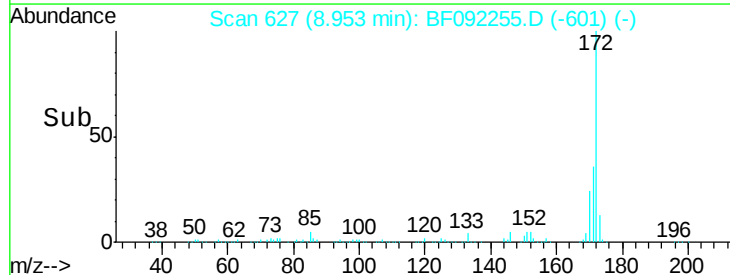


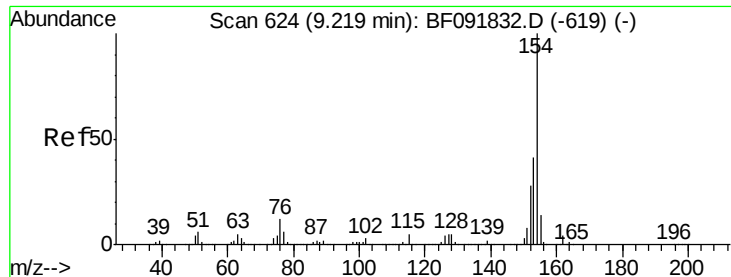
#44
 2-Fluorobiphenyl
 Concen: 114.97 ng
 RT: 8.95 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:172 Resp: 2106121
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.0 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

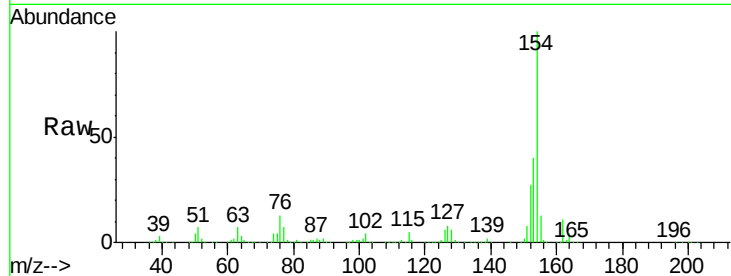




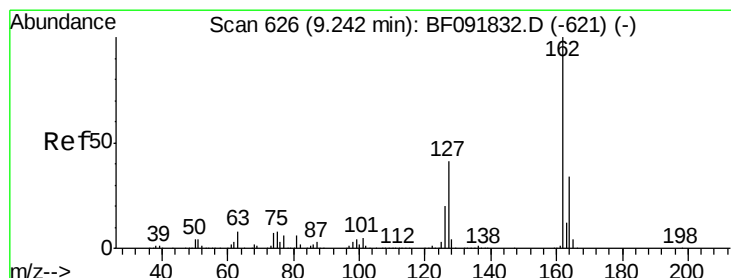
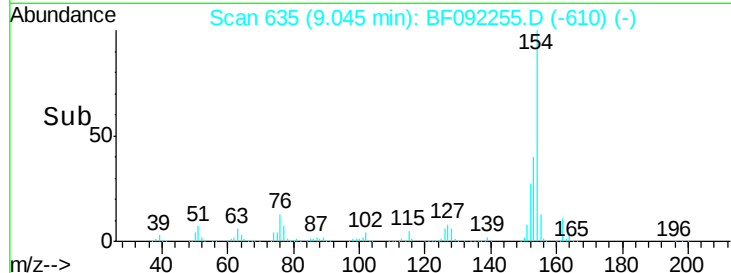
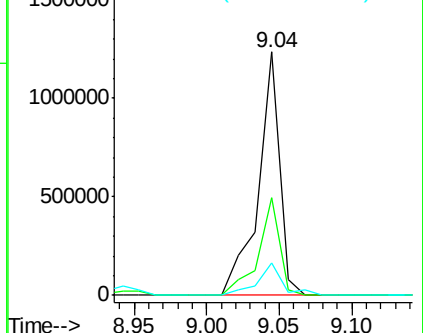
#45
 1,1'-Biphenyl
 Concen: 47.18 ng
 RT: 9.04 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion:154 Resp: 1262553
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.9 60.9
 76 13.4 0.0 30.5

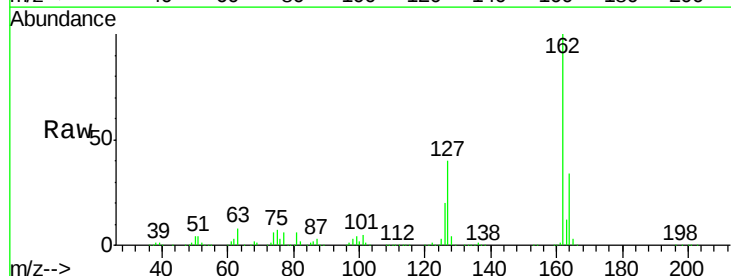


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

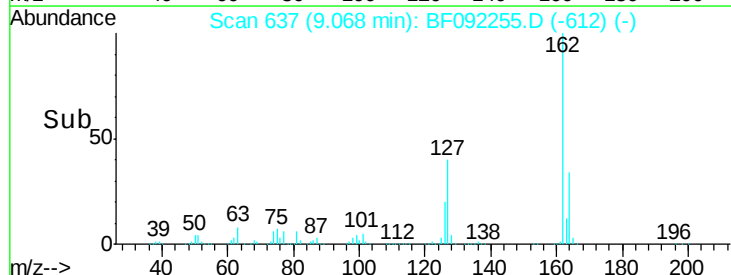
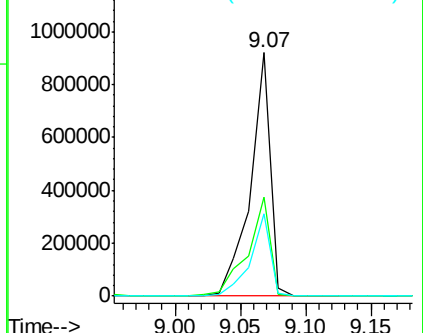


#46
 2-Chloronaphthalene
 Concen: 46.34 ng
 RT: 9.07 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion:162 Resp: 982020
 Ion Ratio Lower Upper
 162 100
 127 40.5 30.7 46.1
 164 33.6 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

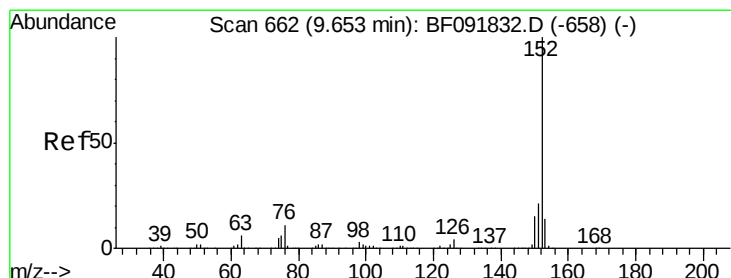
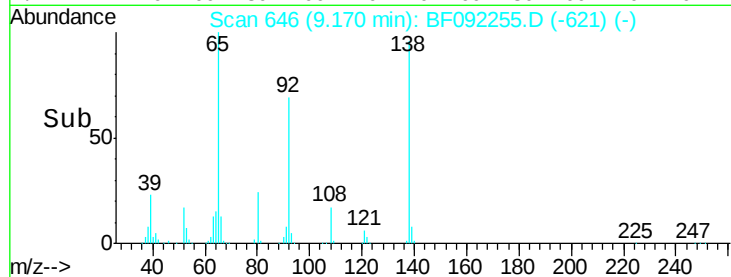
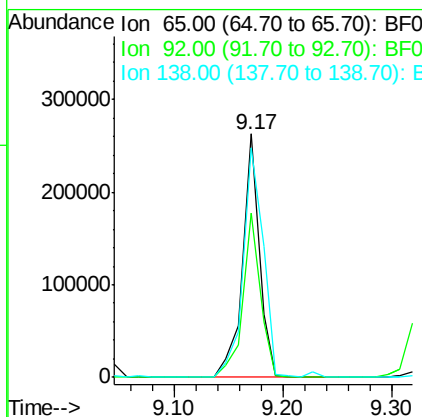
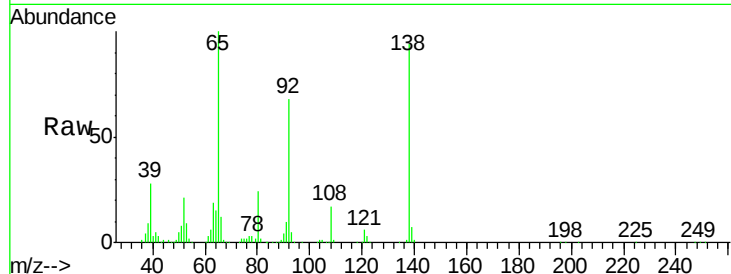




#47
2-Nitroaniline
Concen: 37.30 ng
RT: 9.17 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

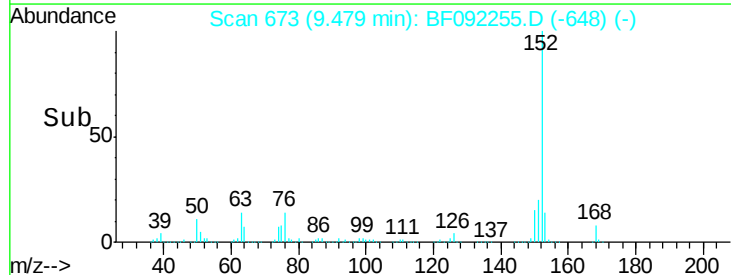
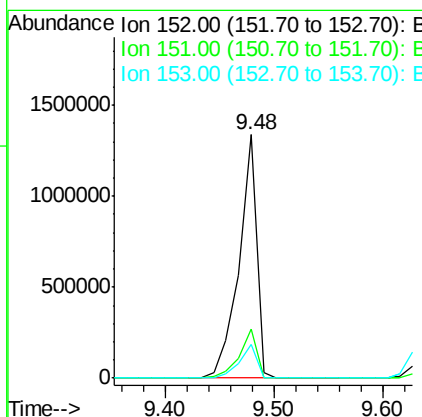
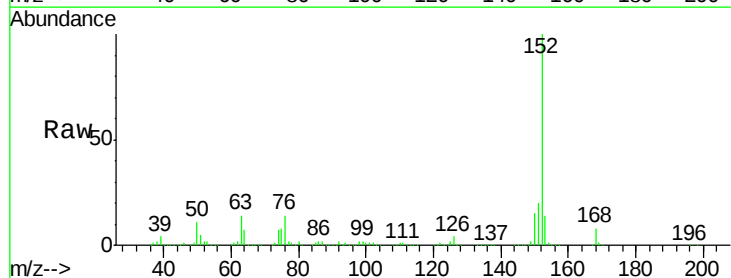
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

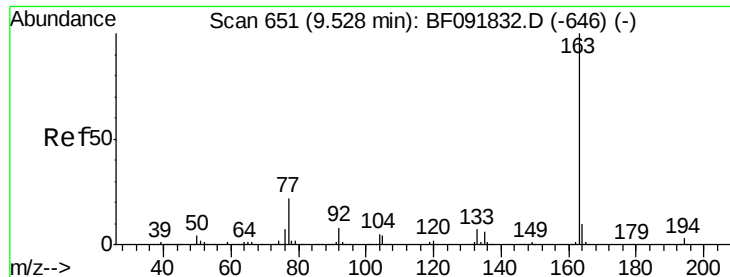
Tgt Ion: 65 Resp: 281451
Ion Ratio Lower Upper
65 100
92 67.6 53.9 80.9
138 94.1 76.8 115.2



#48
Acenaphthylene
Concen: 45.73 ng
RT: 9.48 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion: 152 Resp: 1490418
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.0 11.4 17.2

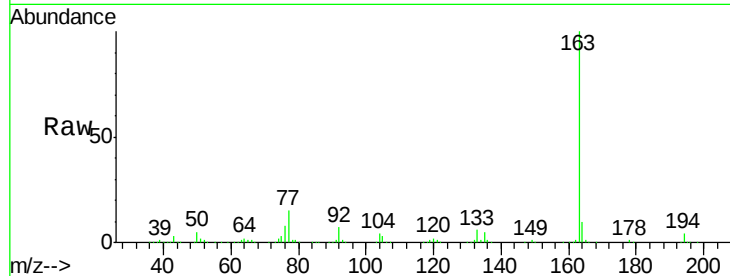




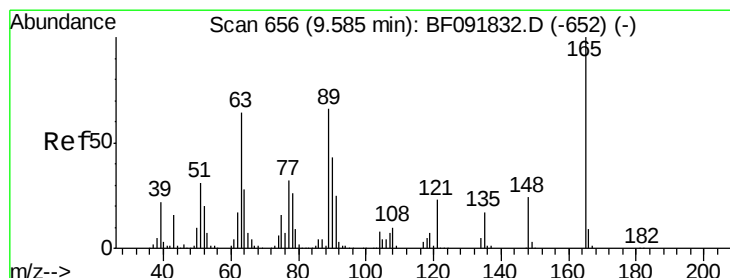
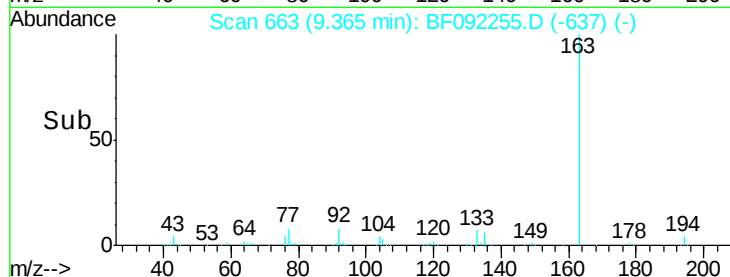
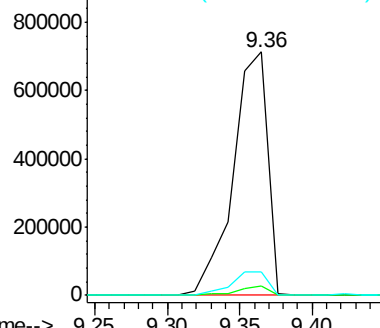
#49
Dimethylphthalate
Concen: 47.07 ng
RT: 9.36 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tgt Ion:163 Resp: 1176600
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

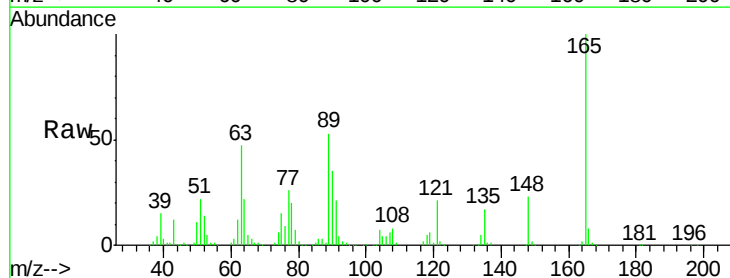


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

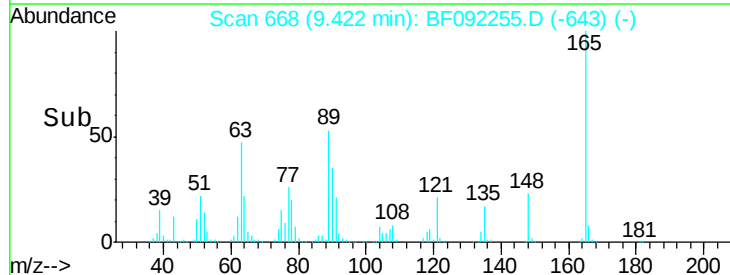
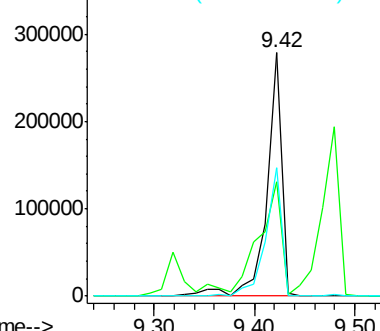


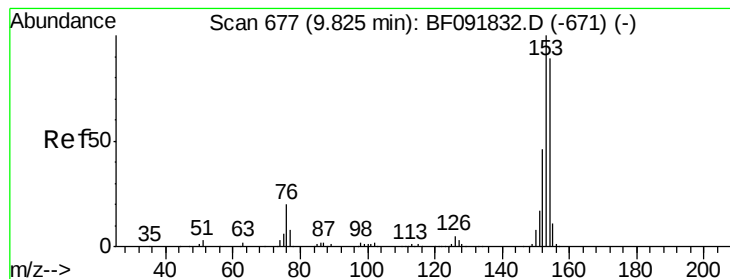
#50
2,6-Dinitrotoluene
Concen: 52.05 ng
RT: 9.42 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:165 Resp: 284754
Ion Ratio Lower Upper
165 100
63 46.9 36.2 54.4
89 52.9 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: 44.40 ng

RT: 9.65 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

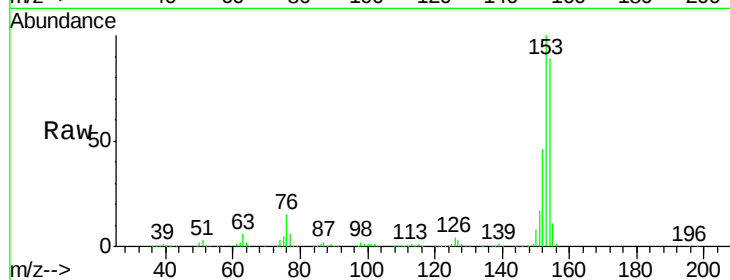
Tgt Ion:154 Resp: 980874

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

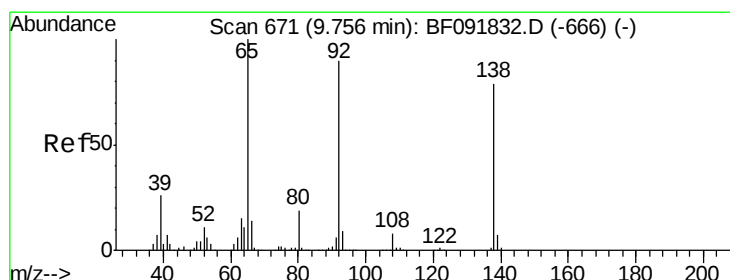
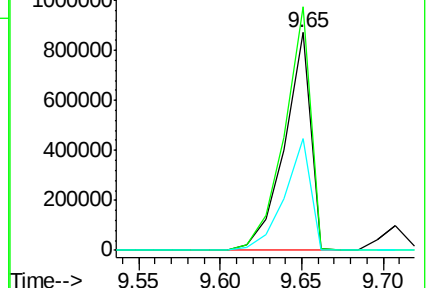
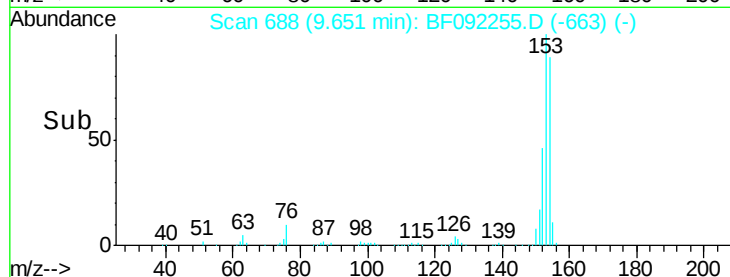
152 51.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.88 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

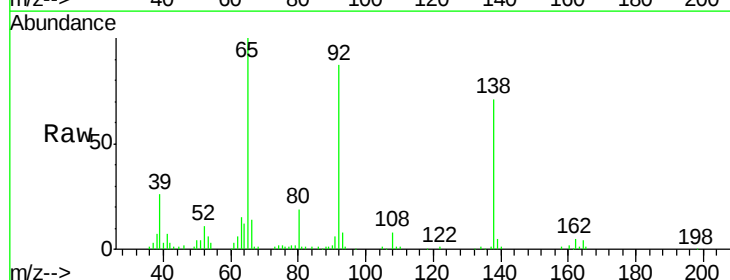
Tgt Ion:138 Resp: 80434

Ion Ratio Lower Upper

138 100

108 10.9 8.5 12.7

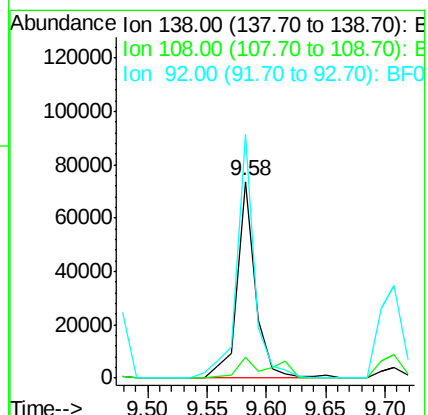
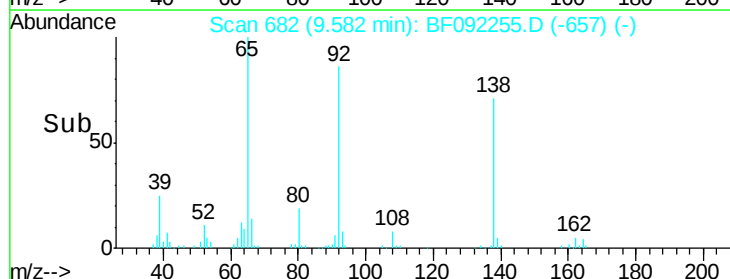
92 124.0 97.8 146.8

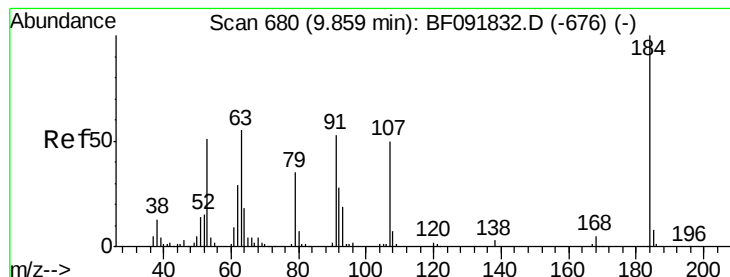


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 63.95 ng

RT: 9.71 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

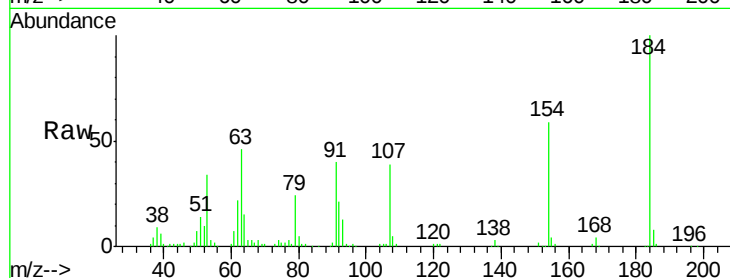
Tgt Ion:184 Resp: 194656

Ion Ratio Lower Upper

184 100

63 46.4 28.4 42.6#

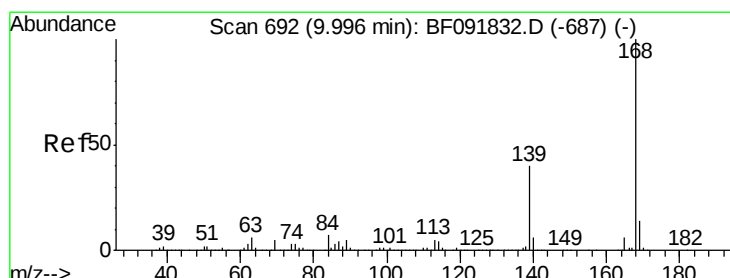
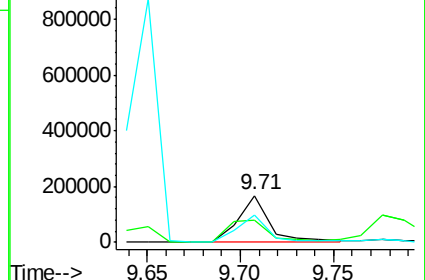
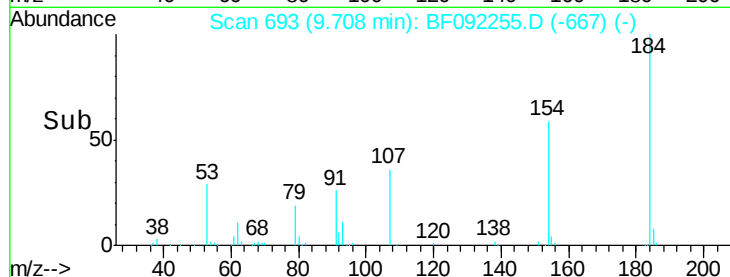
154 58.5 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.06 ng

RT: 9.82 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

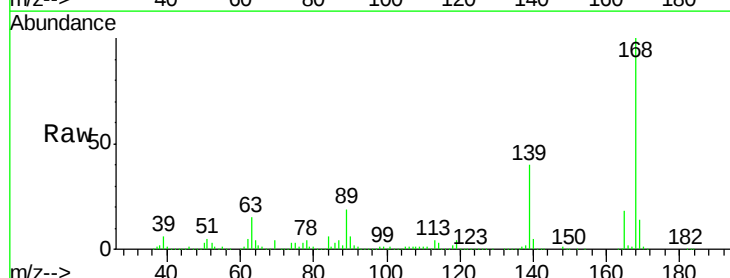
Tgt Ion:168 Resp: 1284705

Ion Ratio Lower Upper

168 100

139 39.9 32.6 49.0

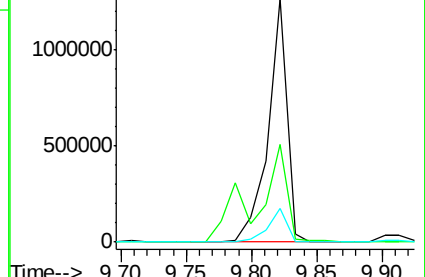
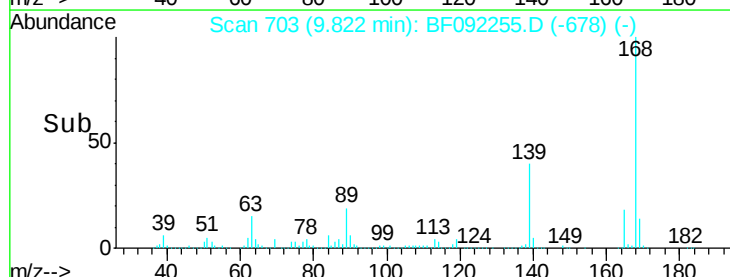
169 13.7 11.3 16.9

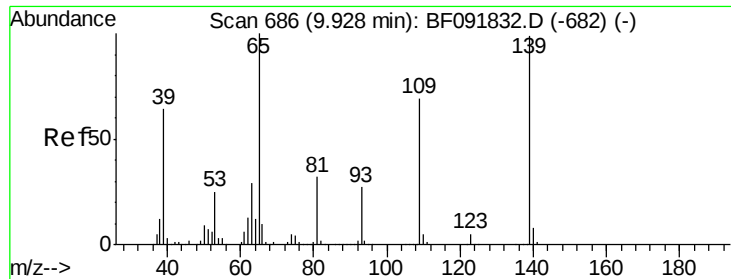


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

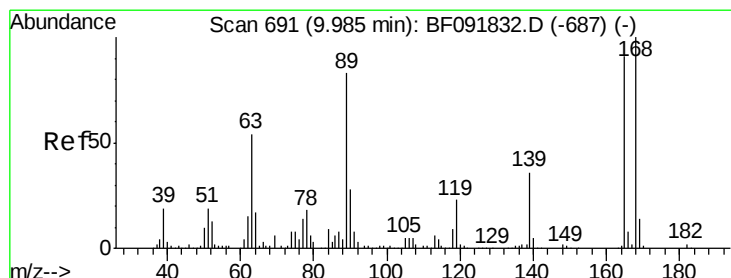
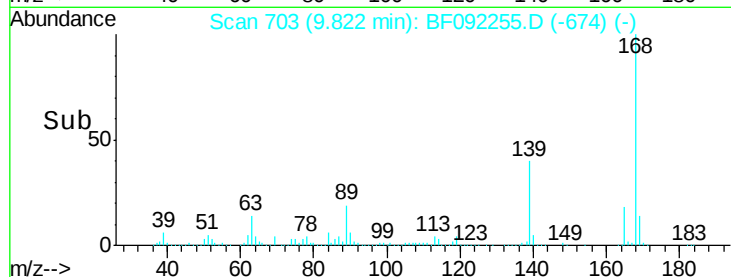
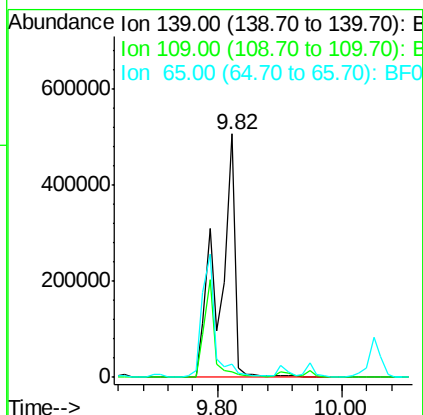
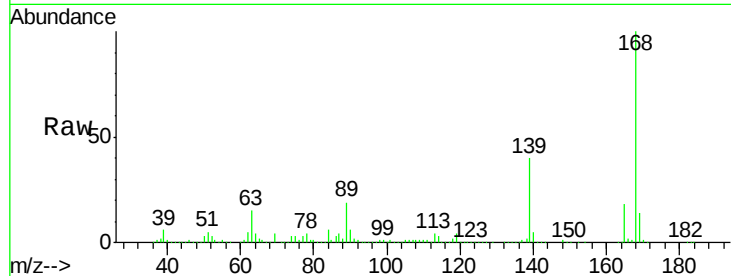




#55
4-Nitrophenol
Concen: 190.75 ng
RT: 9.82 min Scan# 703
Delta R.T. 0.03 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

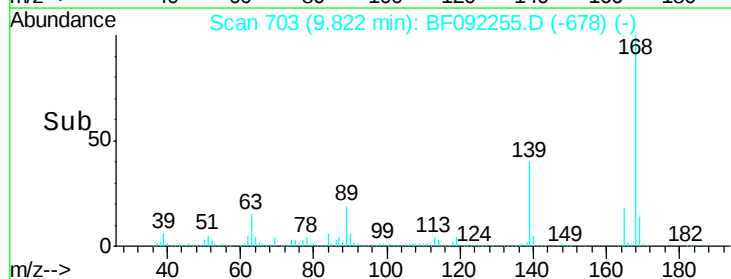
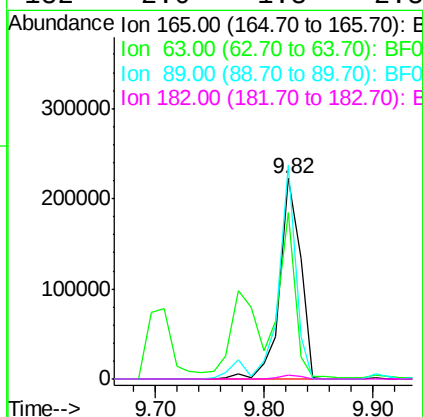
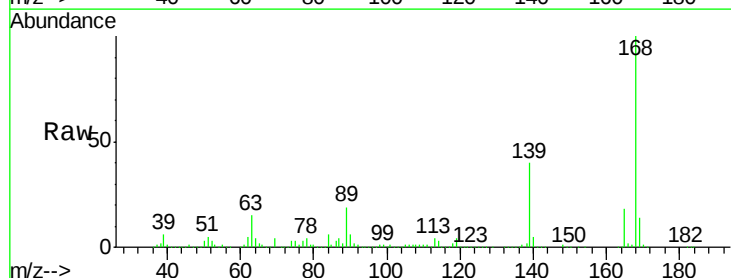
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

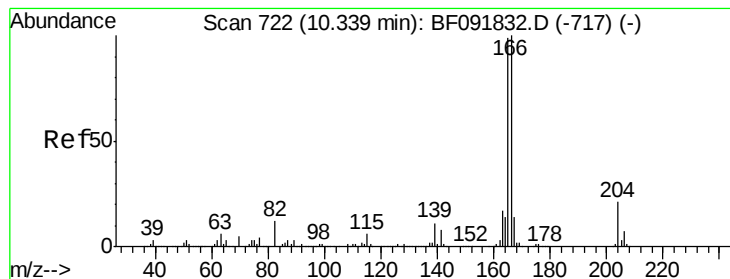
Tgt Ion:139 Resp: 876839
Ion Ratio Lower Upper
139 100
109 2.0 52.2 92.2#
65 5.4 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 42.95 ng
RT: 9.82 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:165 Resp: 294931
Ion Ratio Lower Upper
165 100
63 83.0 40.2 60.4#
89 106.4 62.5 93.7#
182 2.0 1.8 2.8





#57

Fluorene

Concen: 48.53 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

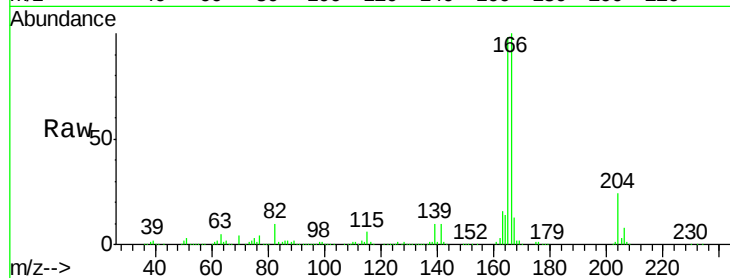
Tgt Ion:166 Resp: 1053564

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

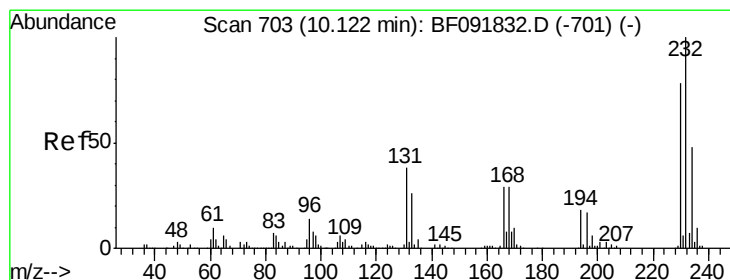
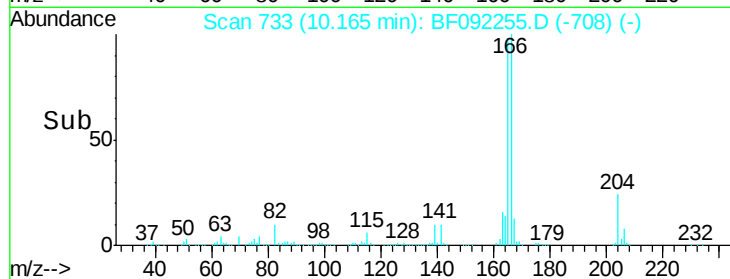
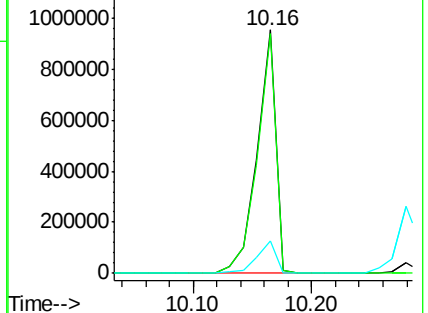
167 13.2 10.8 16.2



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: 43.08 ng

RT: 9.95 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion:232 Resp: 242095

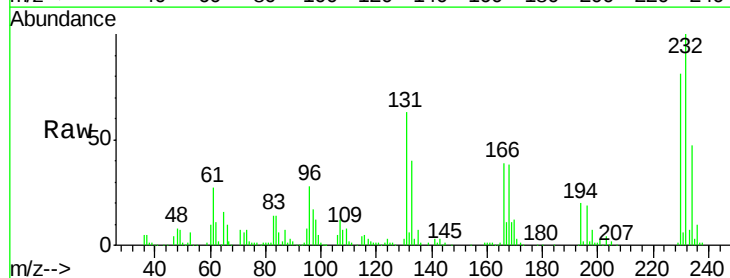
Ion Ratio Lower Upper

232 100

131 50.9 40.1 60.1

130 2.5 1.8 2.8

166 32.5 26.6 39.8

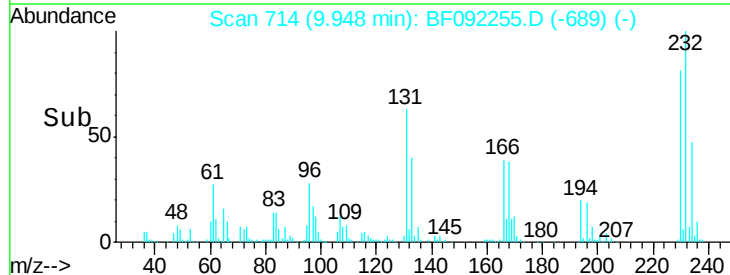
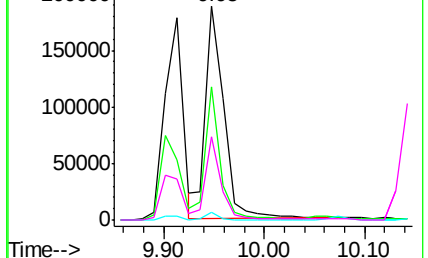


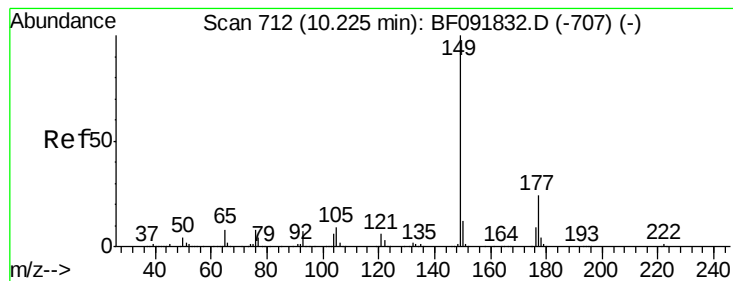
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.18 ng

RT: 10.05 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

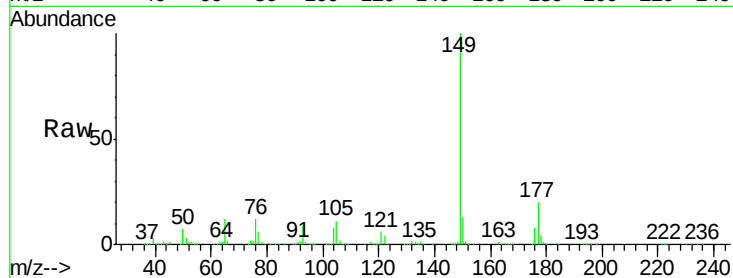
Tgt Ion:149 Resp: 1120949

Ion Ratio Lower Upper

149 100

177 20.2 16.6 25.0

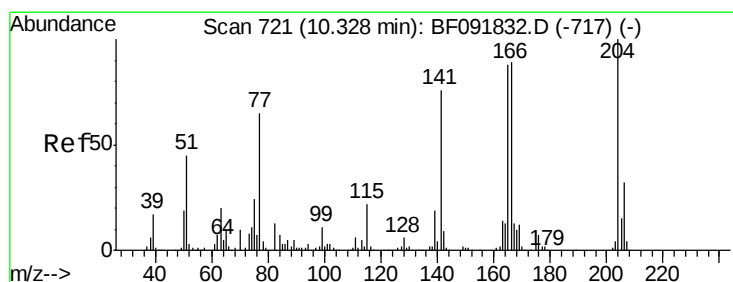
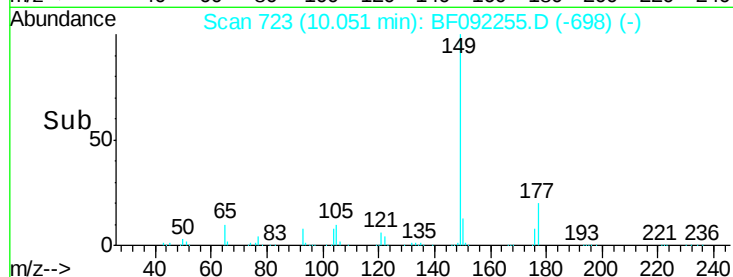
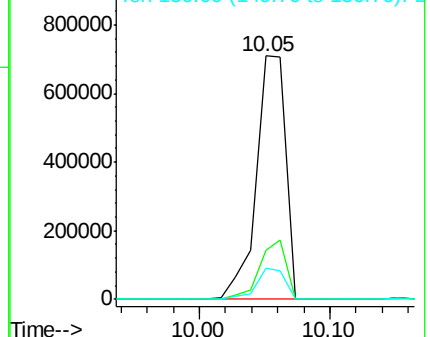
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.06 ng

RT: 10.15 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

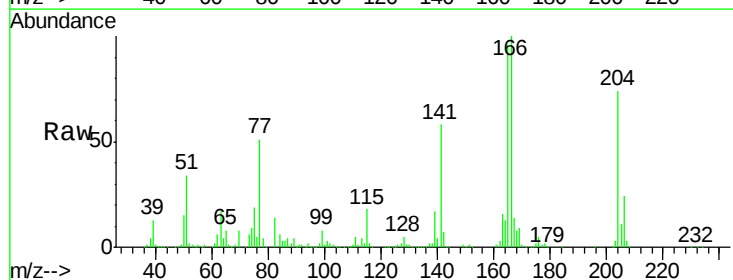
Tgt Ion:204 Resp: 418797

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

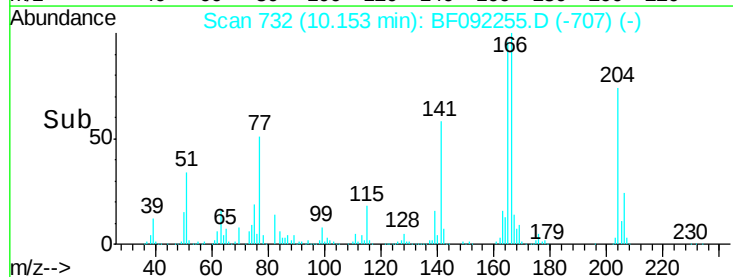
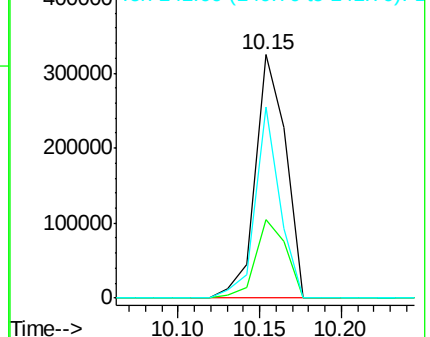
141 78.6 59.4 89.0

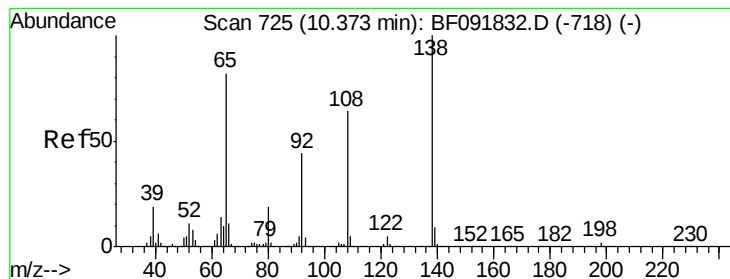


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.38 ng

RT: 10.20 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

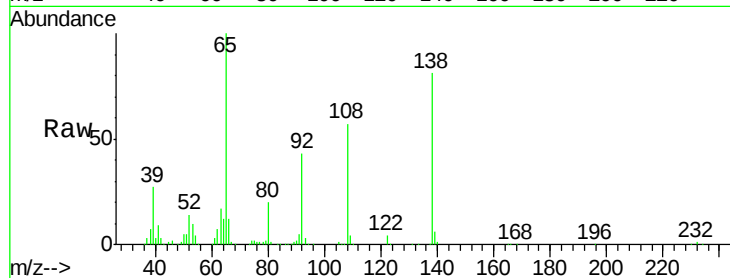
Tgt Ion:138 Resp: 234182

Ion Ratio Lower Upper

138 100

92 53.3 31.7 71.7

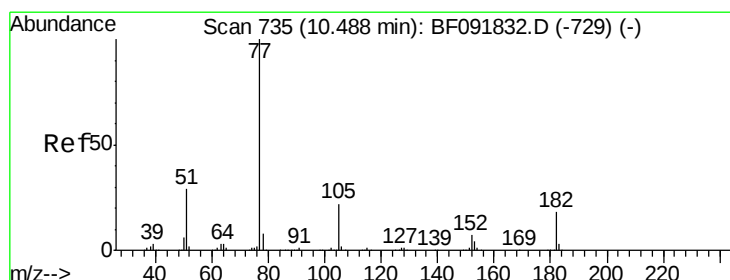
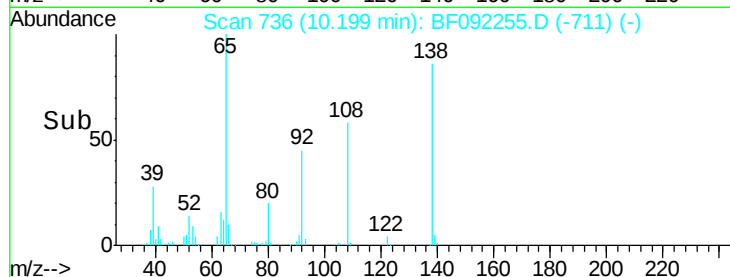
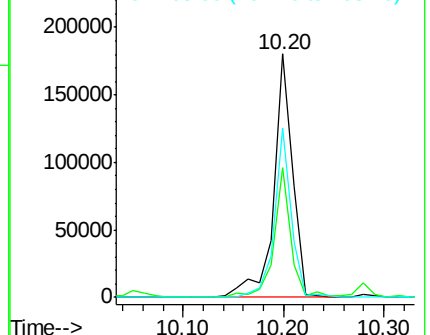
108 69.8 52.6 92.6



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: 44.82 ng

RT: 10.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Tgt Ion: 77 Resp: 1197696

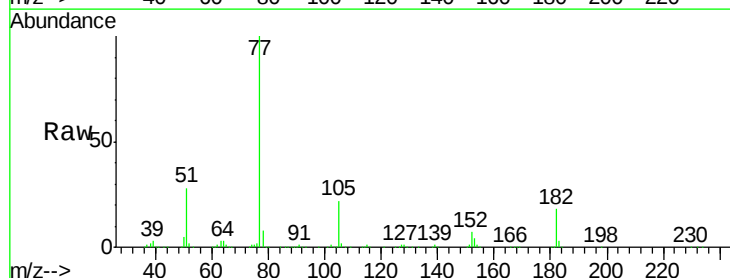
Ion Ratio Lower Upper

77 100

182 18.4 0.0 39.3

105 22.4 2.3 42.3

51 28.3 8.9 48.9

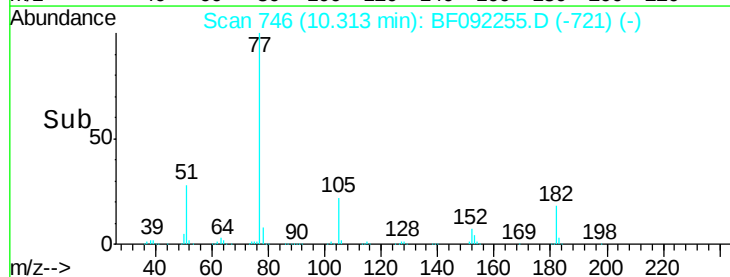
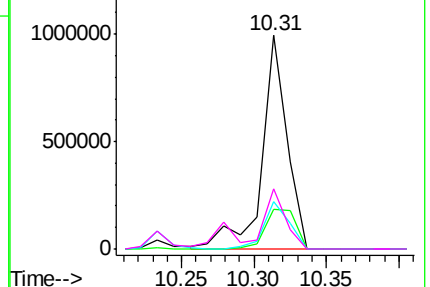


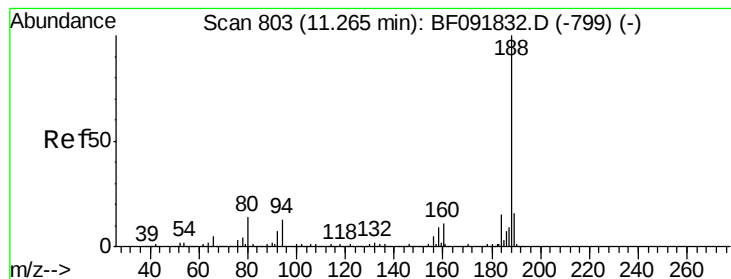
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

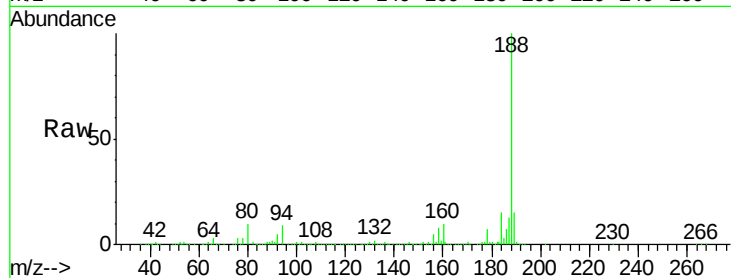
Tgt Ion:188 Resp: 613536

Ion Ratio Lower Upper

188 100

94 9.2 10.0 15.0#

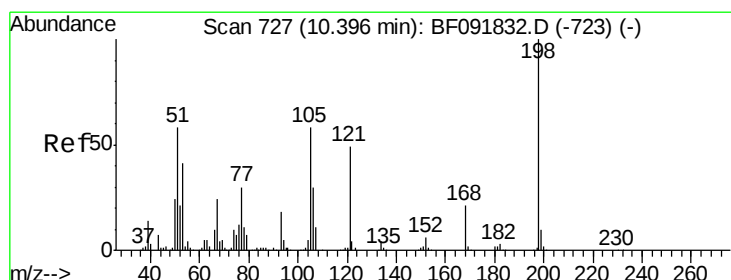
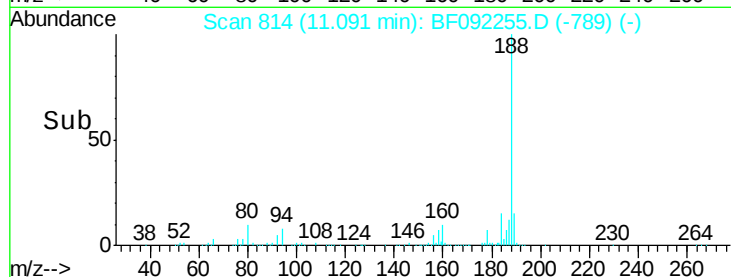
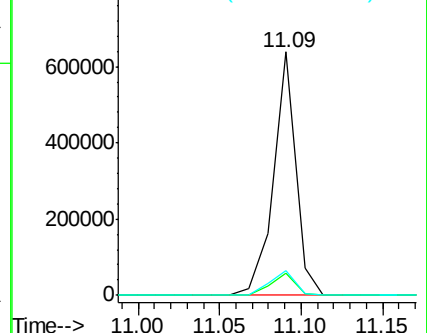
80 10.2 11.2 16.8#



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: 43.90 ng

RT: 10.23 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

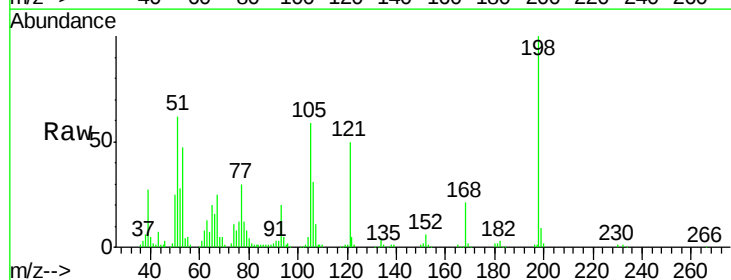
Tgt Ion:198 Resp: 162873

Ion Ratio Lower Upper

198 100

51 61.9 6.7 46.7#

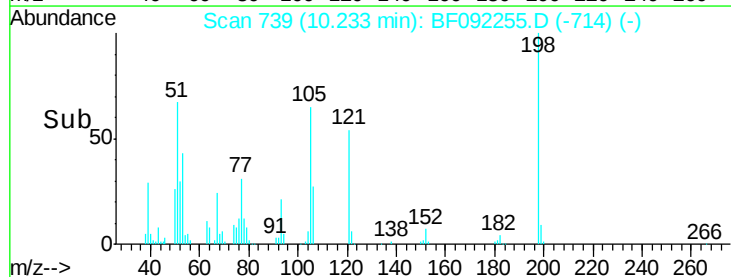
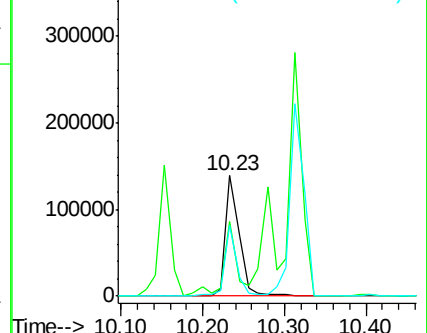
105 59.1 16.6 56.6#

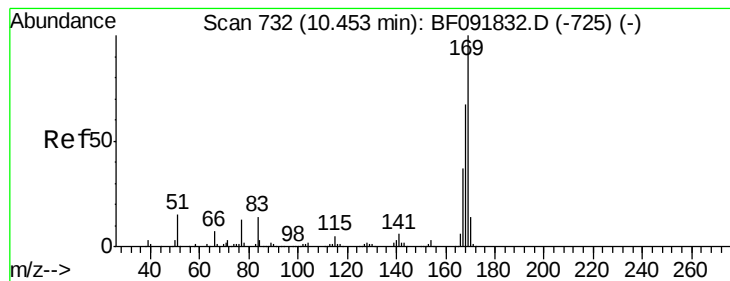


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.20 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

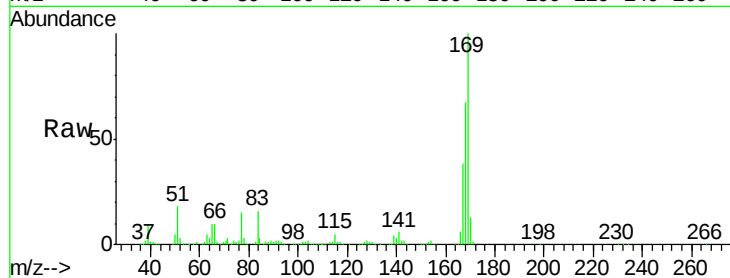
Tgt Ion:169 Resp: 859291

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

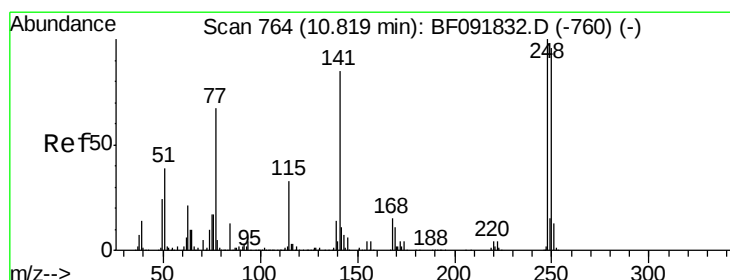
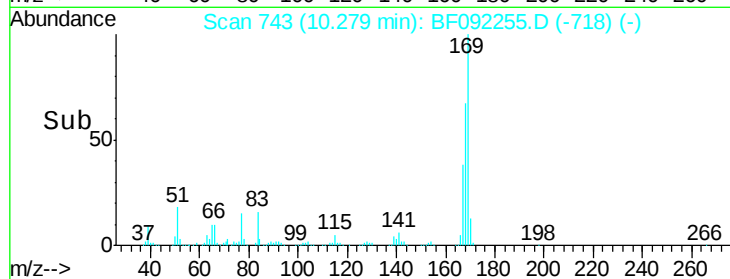
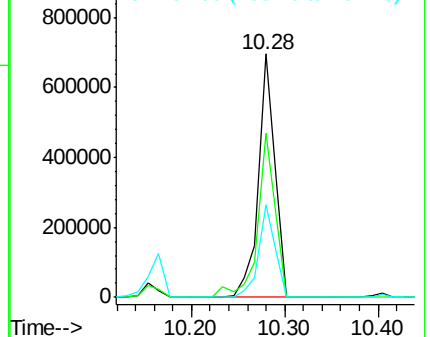
167 37.8 30.2 45.4



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: 48.30 ng

RT: 10.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

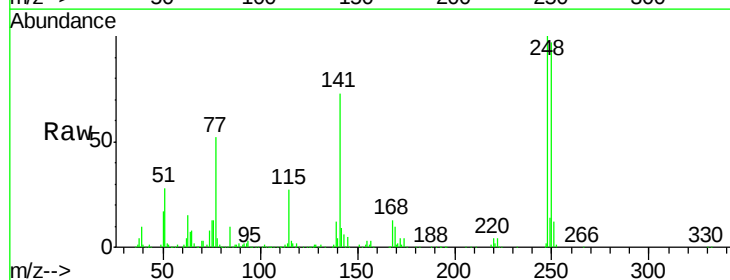
Tgt Ion:248 Resp: 308275

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

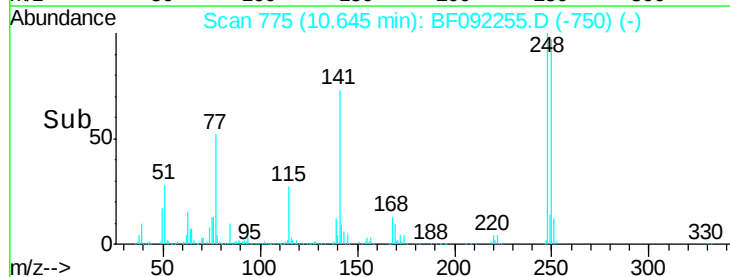
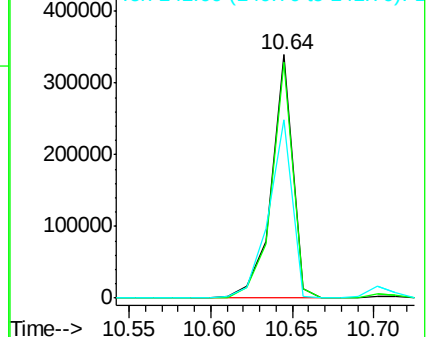
141 73.4 68.2 102.4

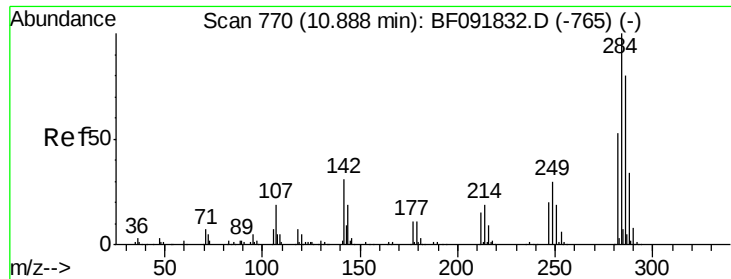


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

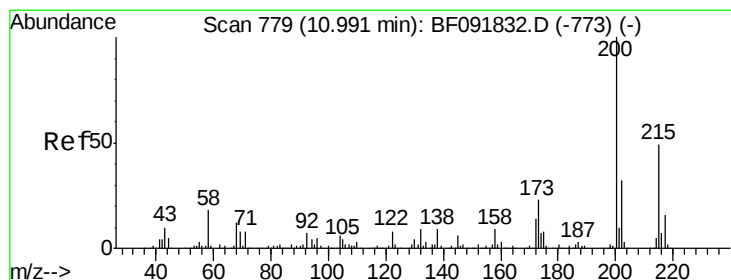
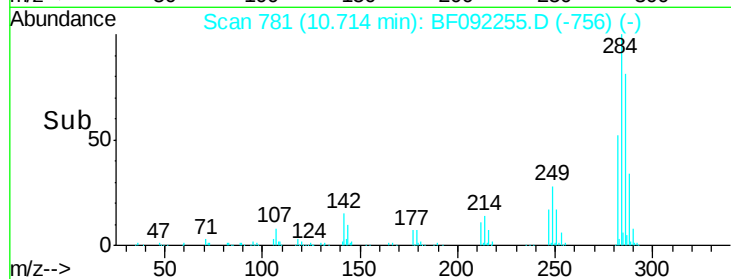
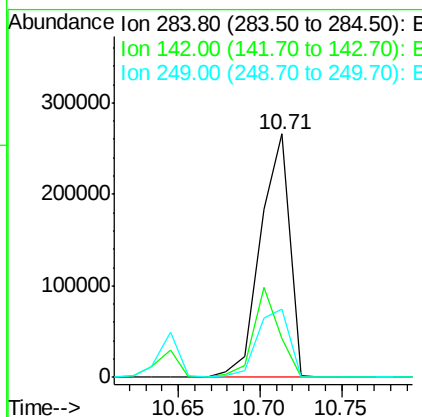
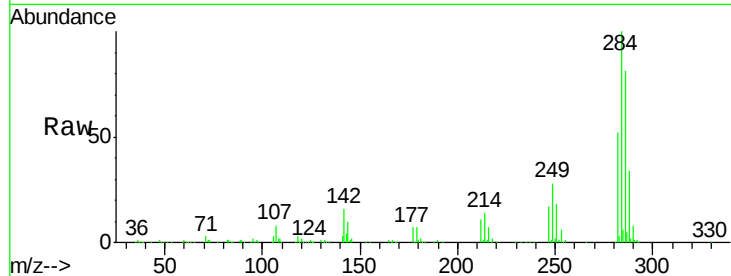




#67
Hexachlorobenzene
Concen: 48.30 ng
RT: 10.71 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

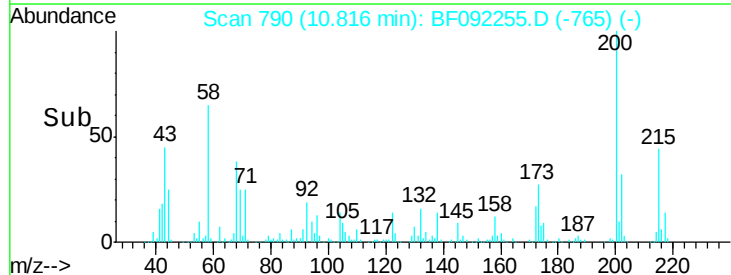
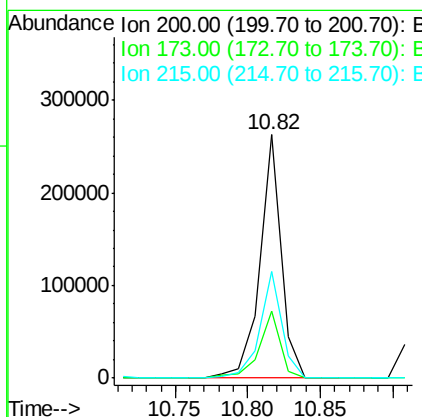
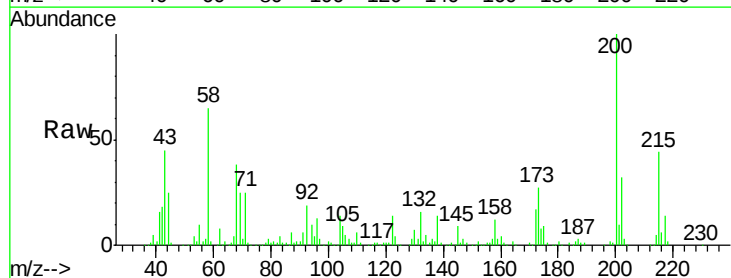
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

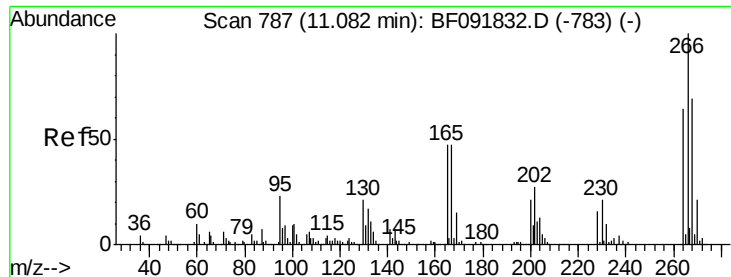
Tgt Ion:284 Resp: 329521
Ion Ratio Lower Upper
284 100
142 15.7 22.6 33.8#
249 28.0 25.4 38.0



#68
Atrazine
Concen: 45.40 ng
RT: 10.82 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:200 Resp: 266625
Ion Ratio Lower Upper
200 100
173 27.4 9.6 49.6
215 44.0 25.7 65.7

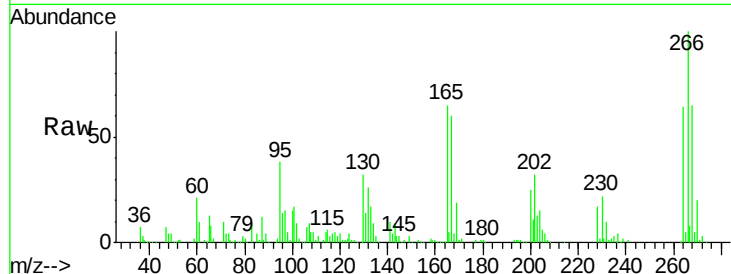




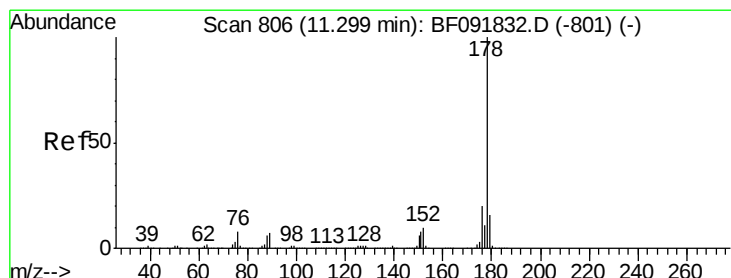
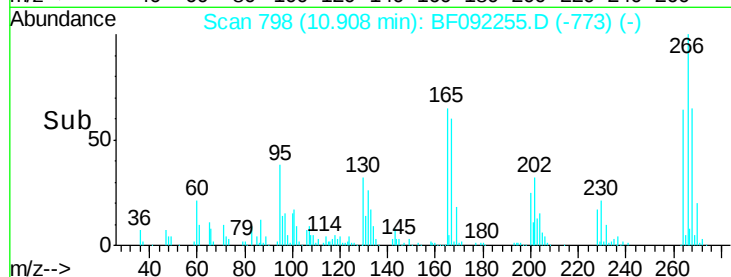
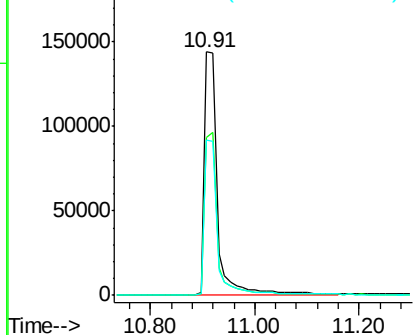
#69
 Pentachlorophenol
 Concen: 76.38 ng
 RT: 10.91 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.3	79.9
264	63.7	50.3	75.5

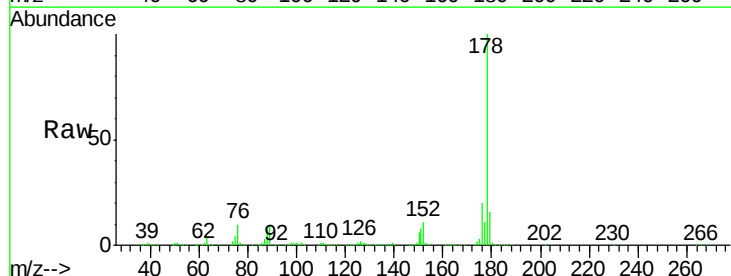


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

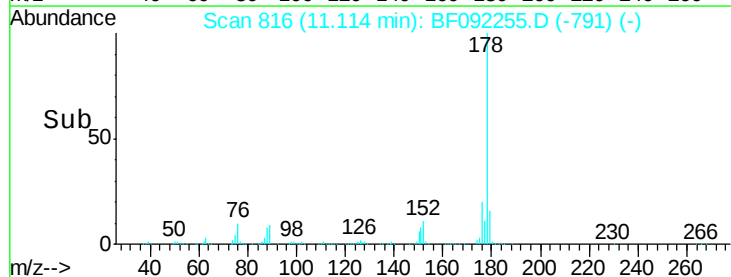
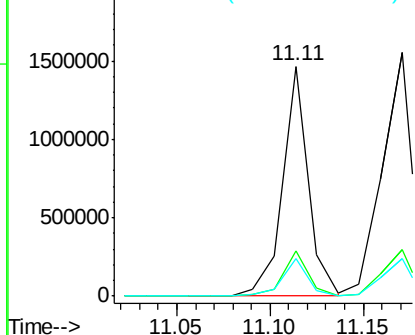


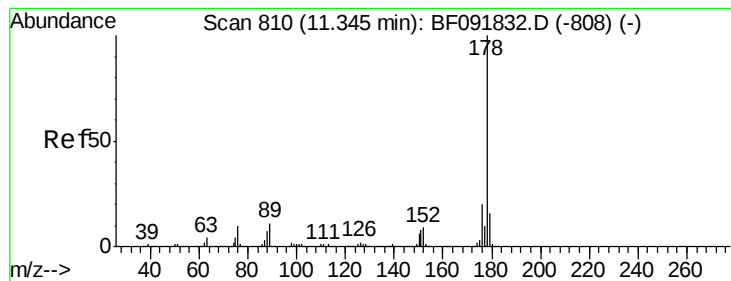
#70
 Phenanthrene
 Concen: 42.30 ng
 RT: 11.11 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.3	12.8	19.2



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





#71

Anthracene

Concen: 66.36 ng

RT: 11.17 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

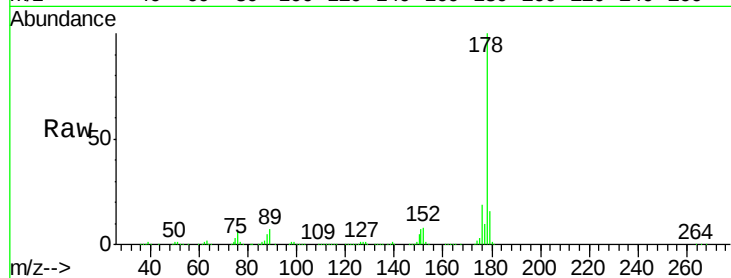
Tgt Ion:178 Resp: 1643131

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

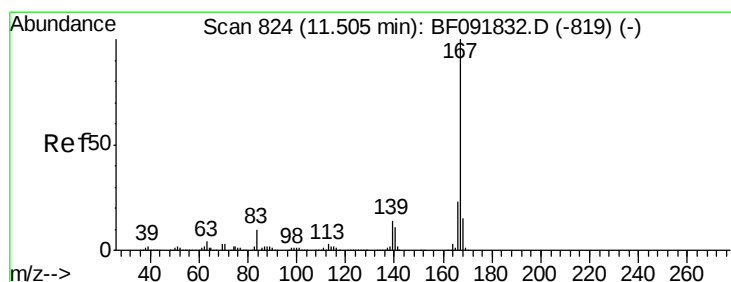
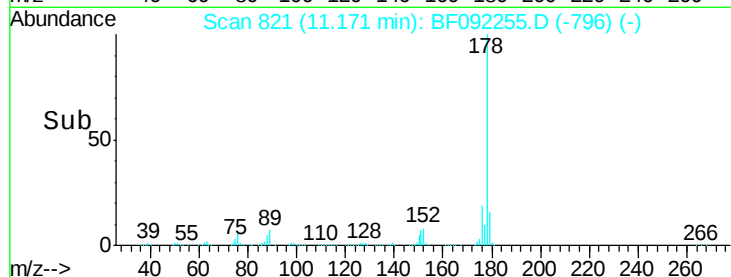
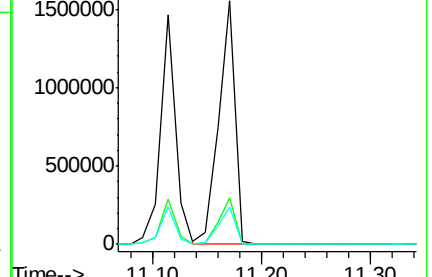
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 60.47 ng

RT: 11.33 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

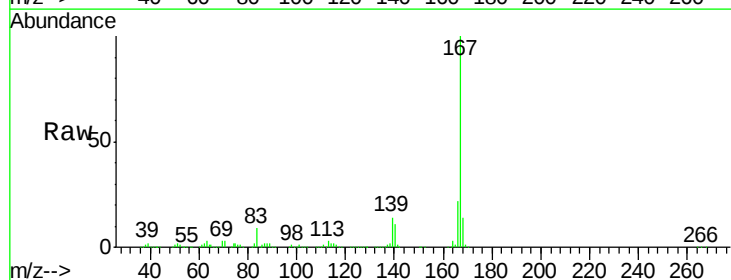
Tgt Ion:167 Resp: 1402309

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

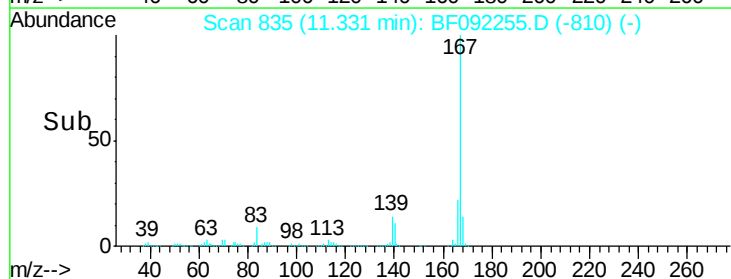
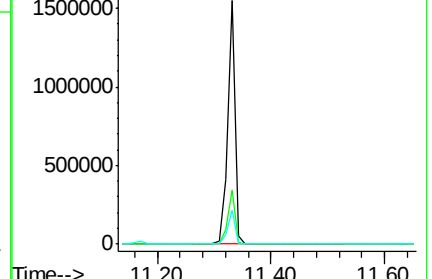
139 14.0 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 55.90 ng

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

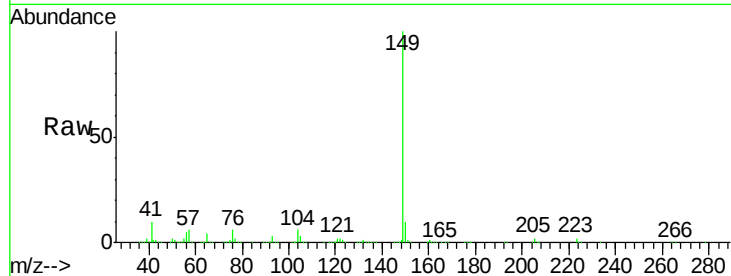
Tgt Ion:149 Resp: 1730757

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

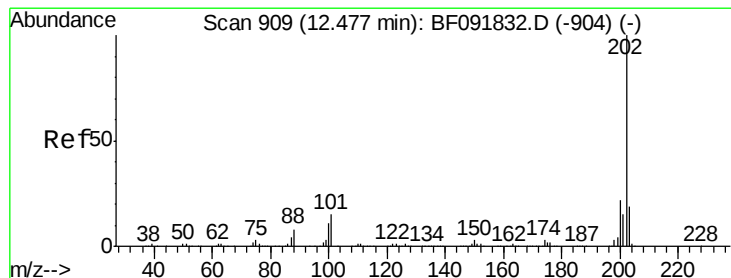
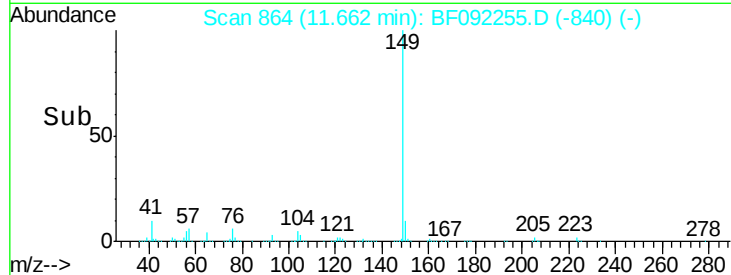
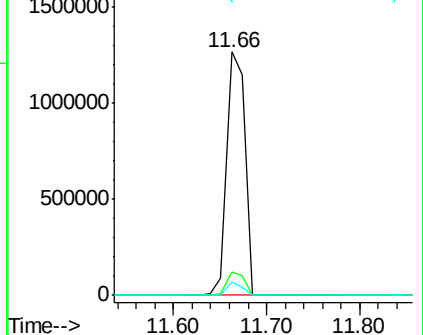
104 5.5 4.6 7.0



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: 53.22 ng

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

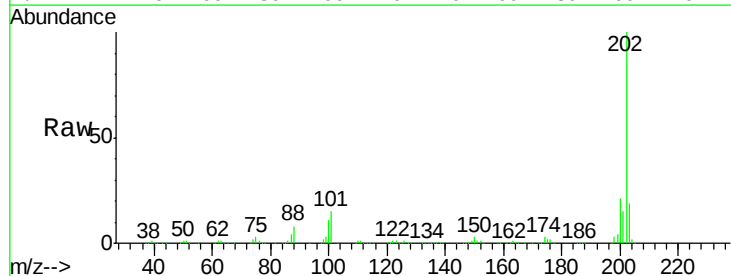
Tgt Ion:202 Resp: 1532826

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

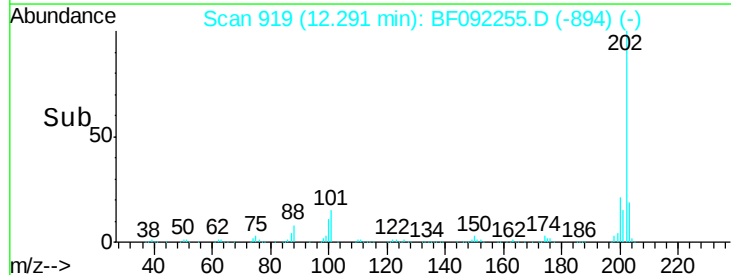
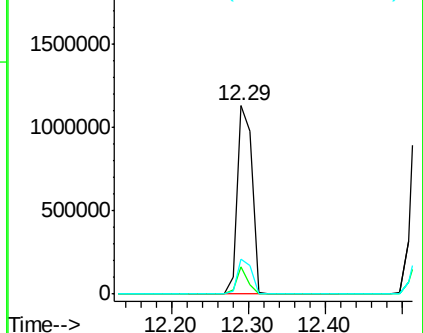
203 18.5 0.0 38.7

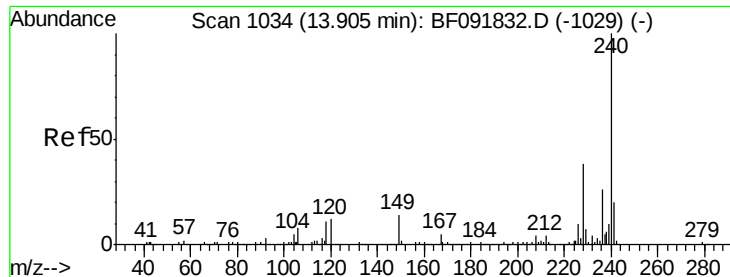


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

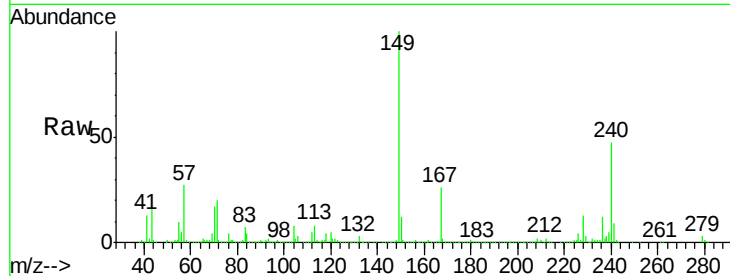
Tgt Ion:240 Resp: 421059

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

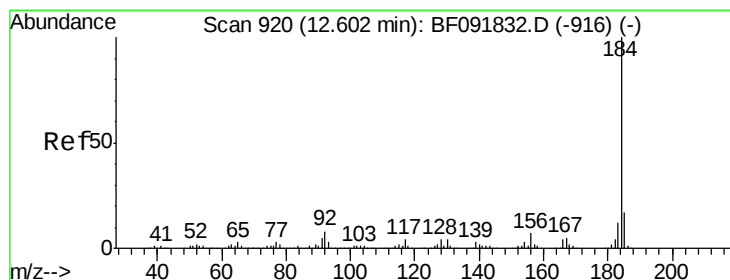
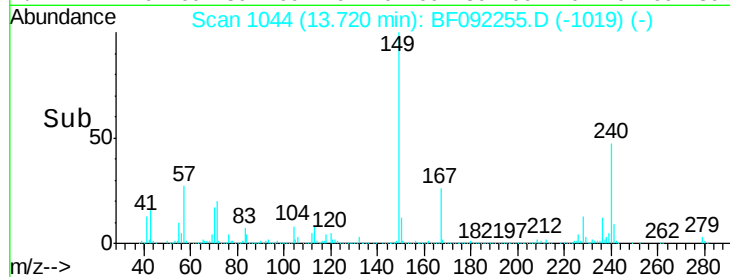
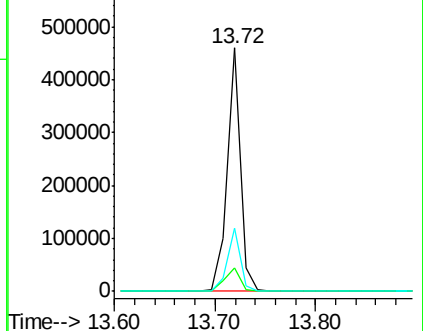
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.51 ng

RT: 12.43 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

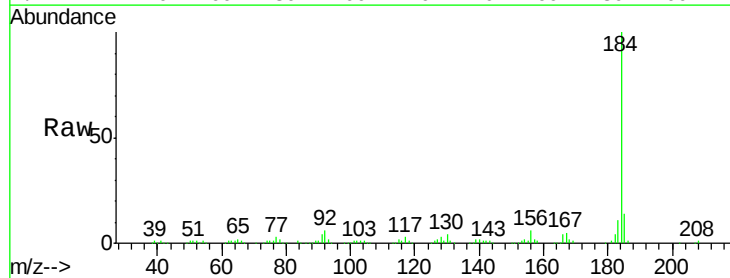
Tgt Ion:184 Resp: 266577

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

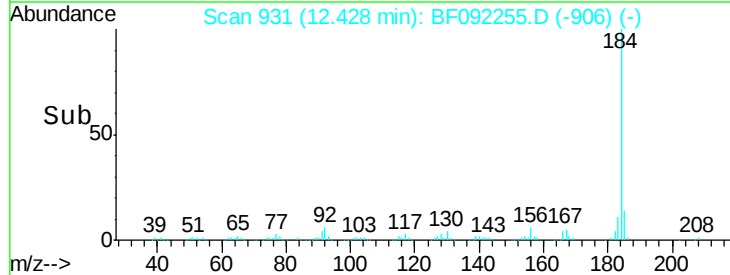
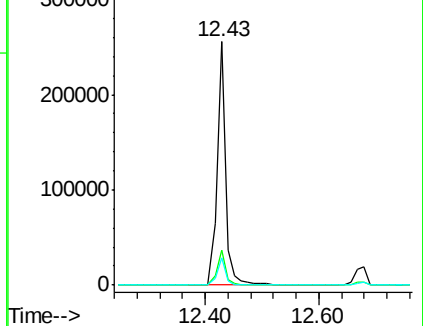
183 11.4 9.2 13.8

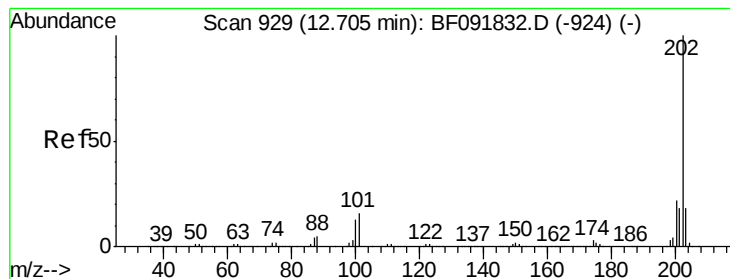


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.99 ng

RT: 12.52 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

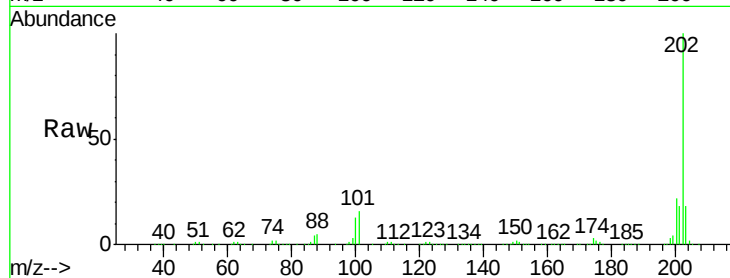
Tgt Ion:202 Resp: 1420897

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

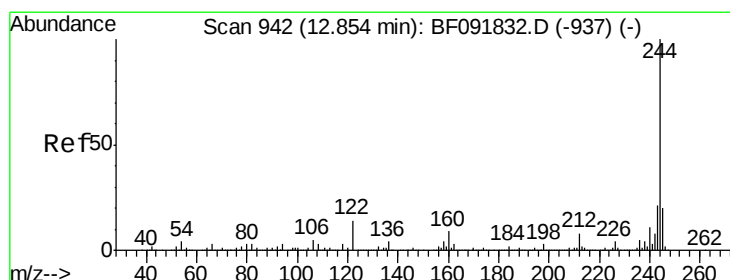
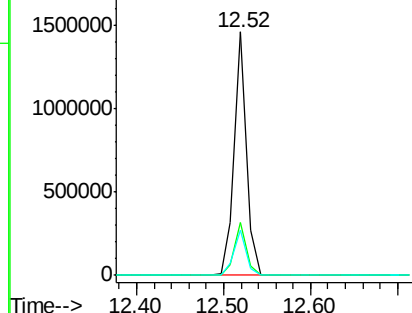
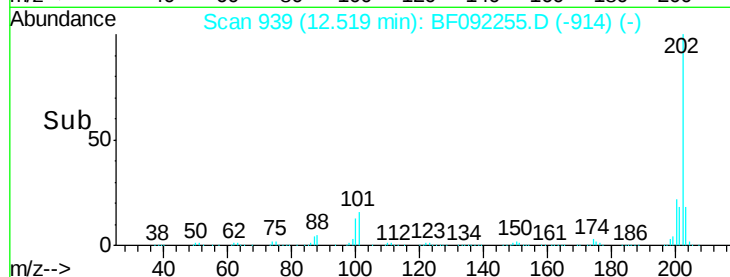
203 18.4 14.7 22.1



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: 110.96 ng

RT: 12.68 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

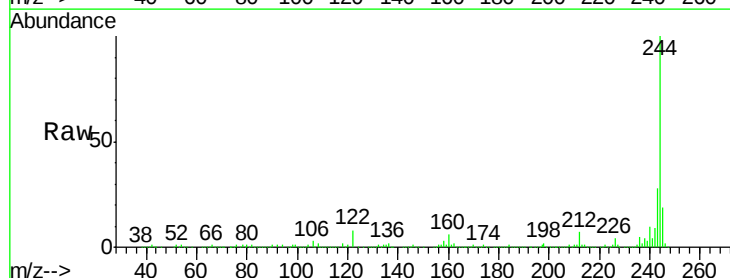
Tgt Ion:244 Resp: 1926352

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

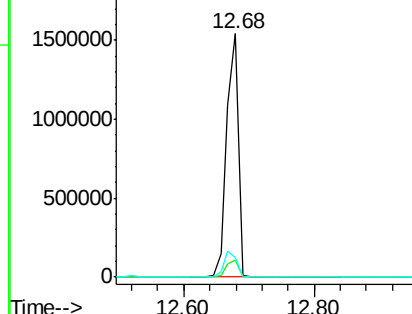
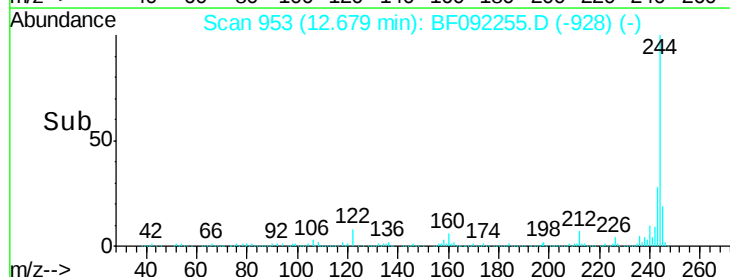
122 8.1 11.4 17.2#

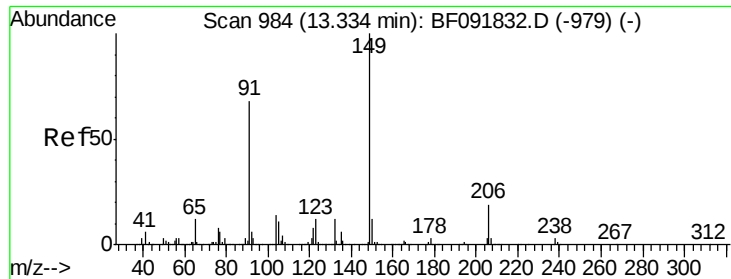


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

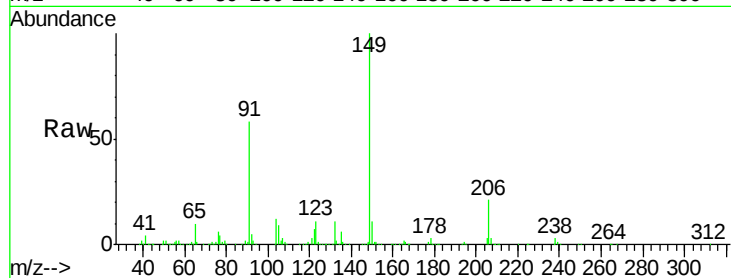




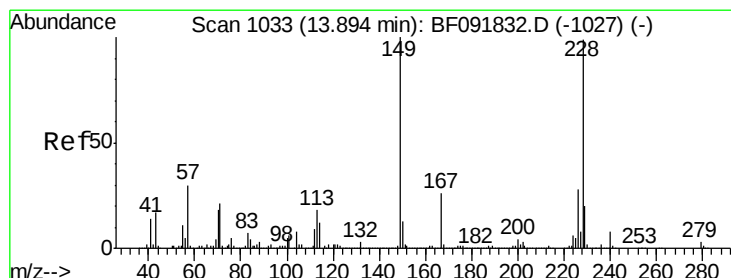
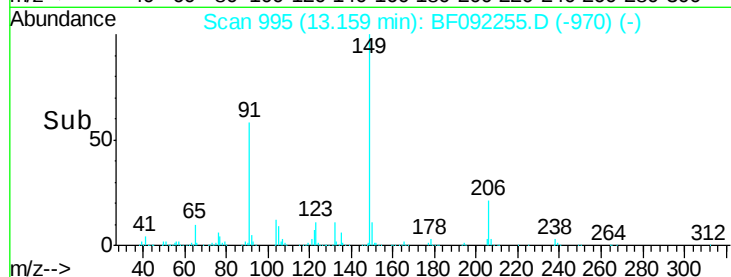
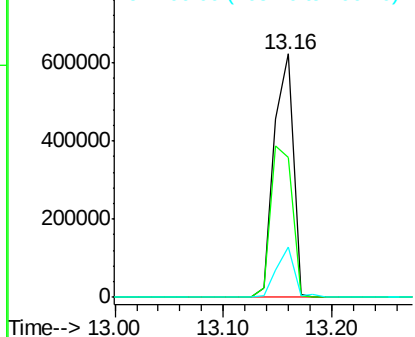
#79
Butylbenzylphthalate
Concen: 54.24 ng
RT: 13.16 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tgt Ion:149 Resp: 762157
Ion Ratio Lower Upper
149 100
91 57.7 63.9 95.9#
206 20.8 14.6 21.8

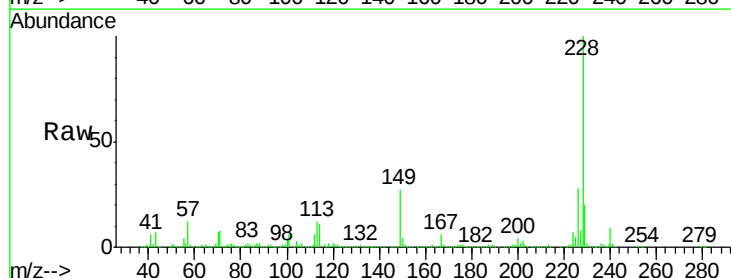


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

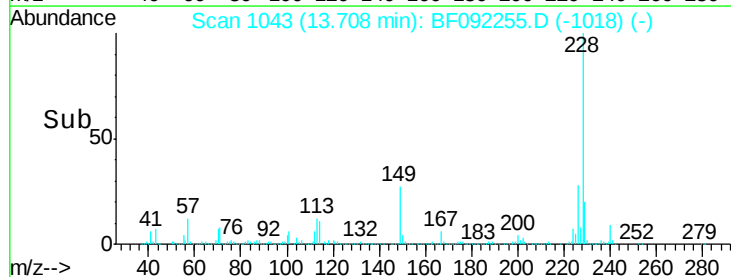
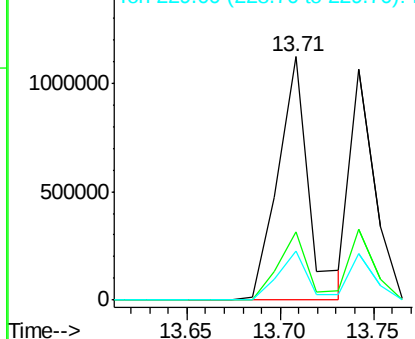


#80
Benzo(a)anthracene
Concen: 54.22 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:228 Resp: 1288775
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 20.1 16.2 24.4



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

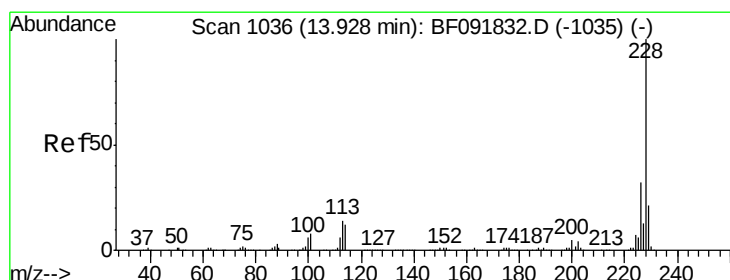
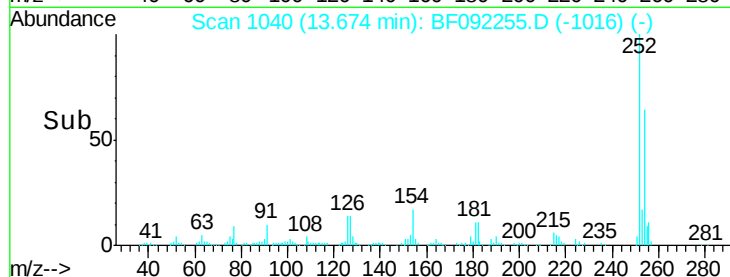
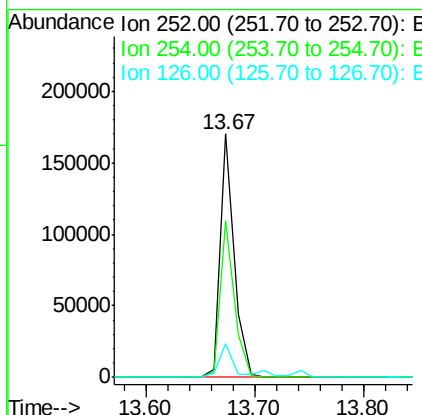
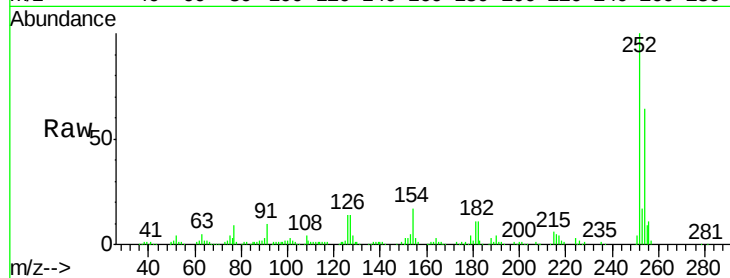




#81
 3,3'-Dichlorobenzidine
 Concen: 17.04 ng
 RT: 13.67 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

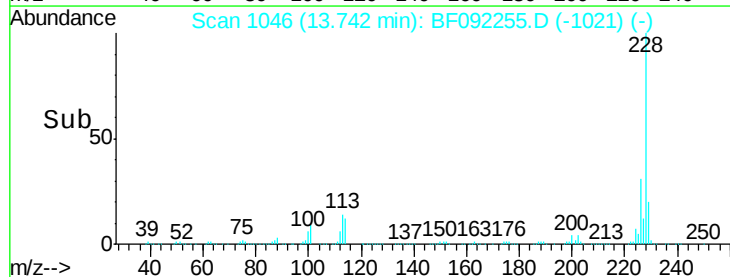
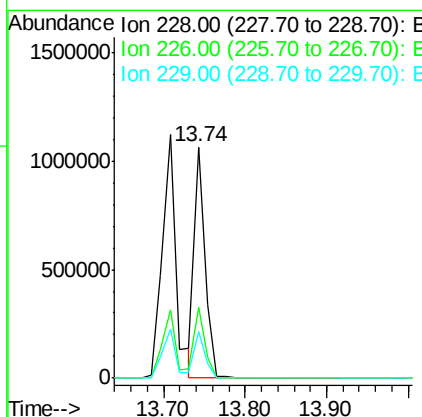
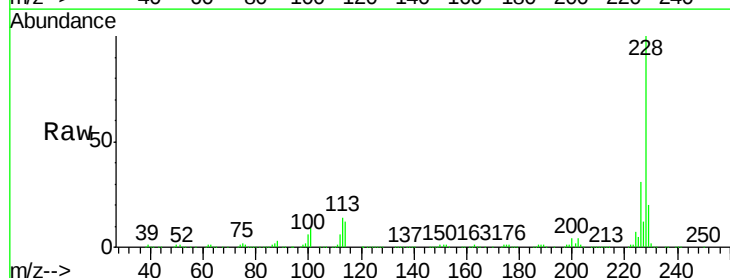
Instrument :
 BNA_F
 ClientSampleId :
 PB95972BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	13.9	13.6	20.4



#82
 Chrysene
 Concen: 41.04 ng
 RT: 13.74 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092255.D
 Acq: 13 Jan 2017 21:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.1	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.32 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

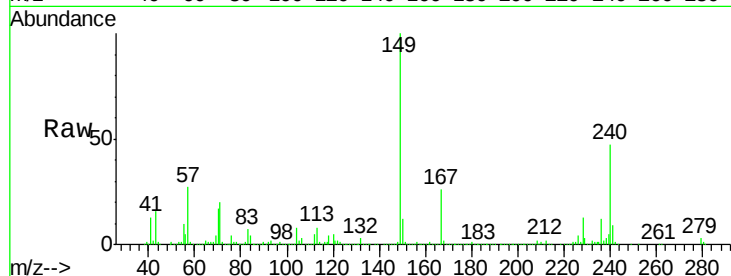
Tgt Ion:149 Resp: 931919

Ion Ratio Lower Upper

149 100

167 26.1 20.2 30.4

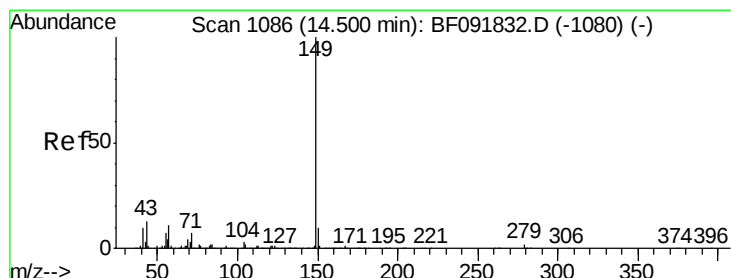
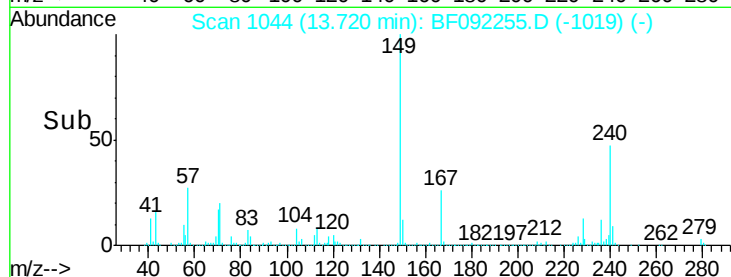
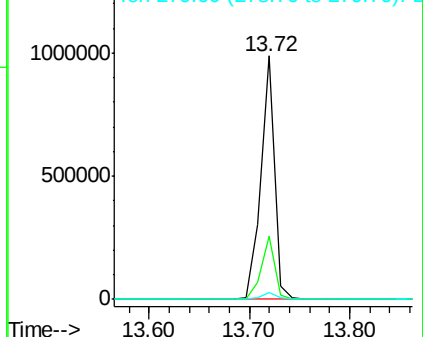
279 3.0 1.8 2.8#



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: 51.44 ng

RT: 14.33 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

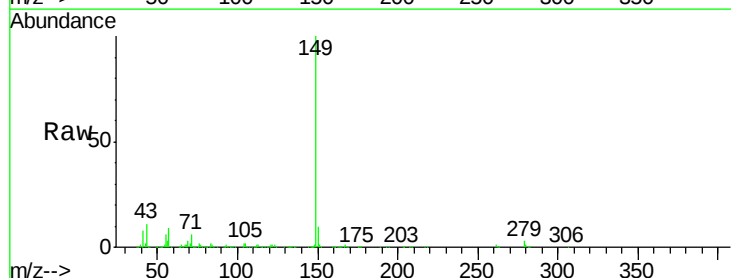
Tgt Ion:149 Resp: 1576856

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

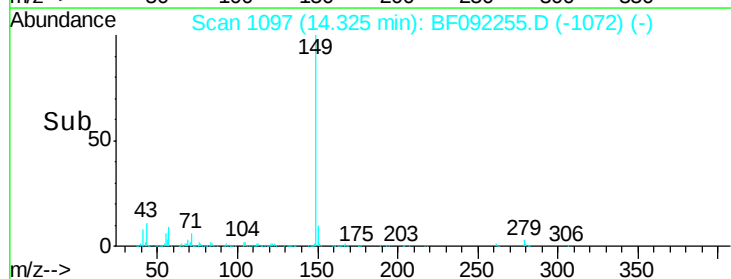
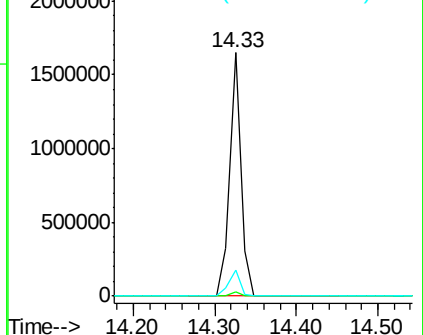
43 10.7 8.9 13.3

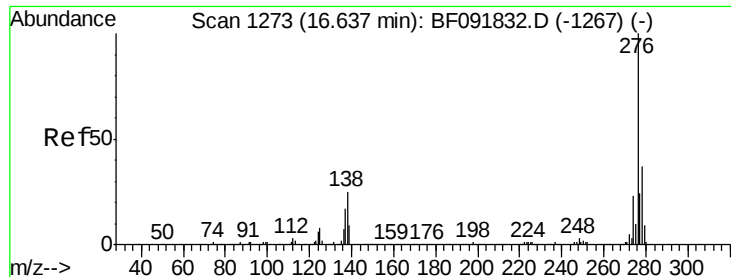


Abundance Ion 149.00 (148.70 to 149.70): E

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: 49.09 ng

RT: 16.30 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD

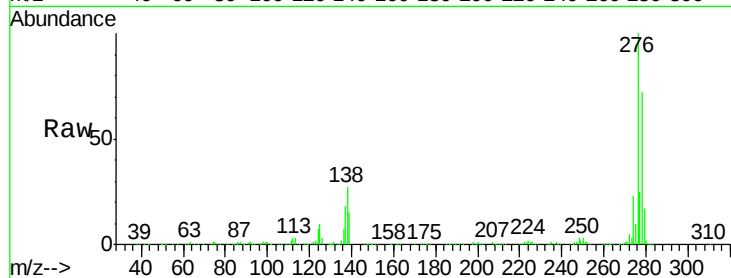
Tgt Ion:276 Resp: 1013965

Ion Ratio Lower Upper

276 100

138 26.8 21.8 32.6

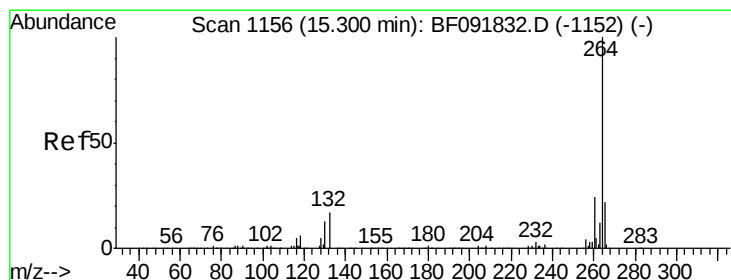
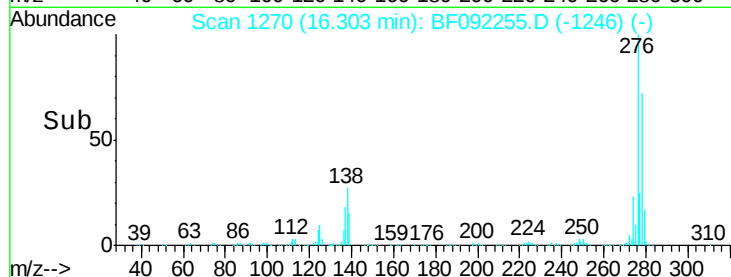
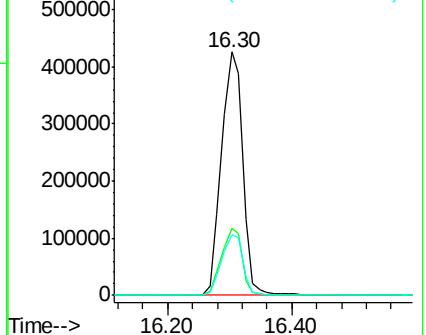
277 25.1 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092255.D

Acq: 13 Jan 2017 21:28

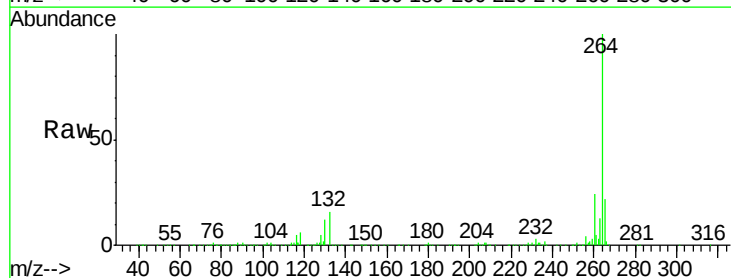
Tgt Ion:264 Resp: 396297

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

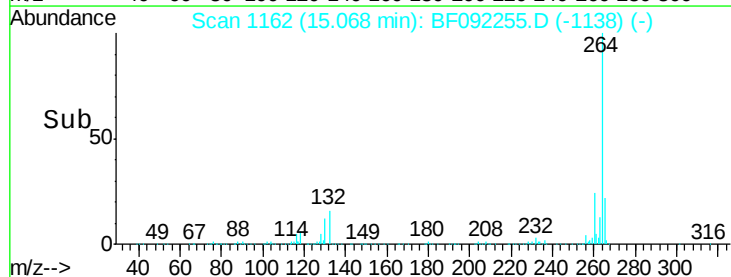
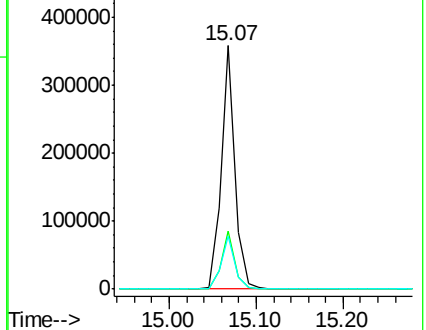
265 21.7 17.4 26.0

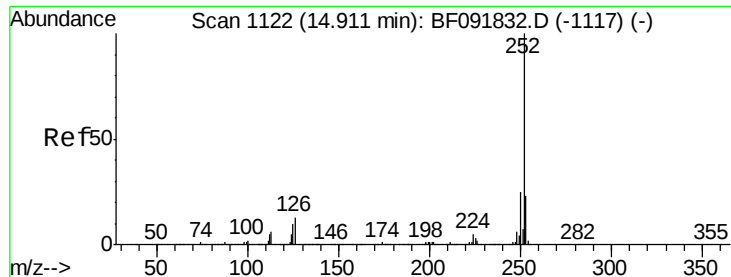


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

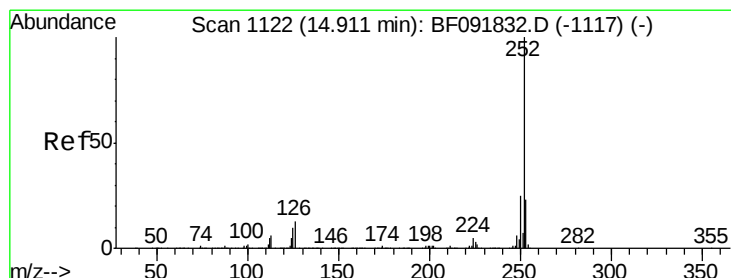
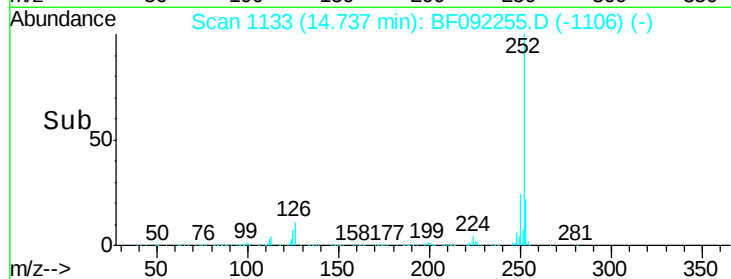
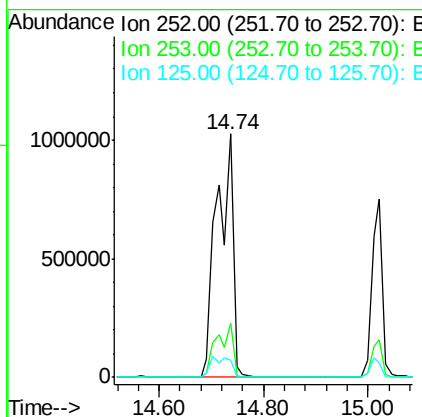
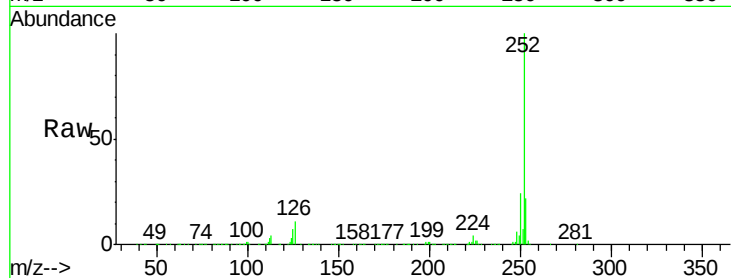




#87
Benzo(b)fluoranthene
Concen: 89.36 ng
RT: 14.74 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

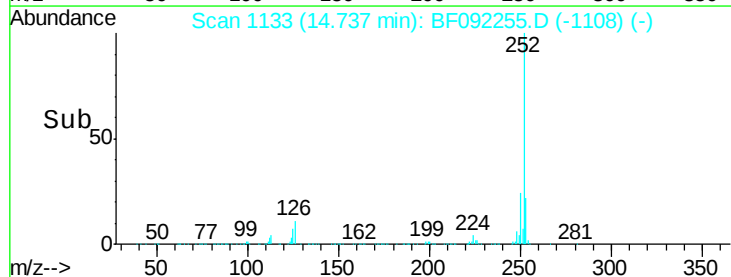
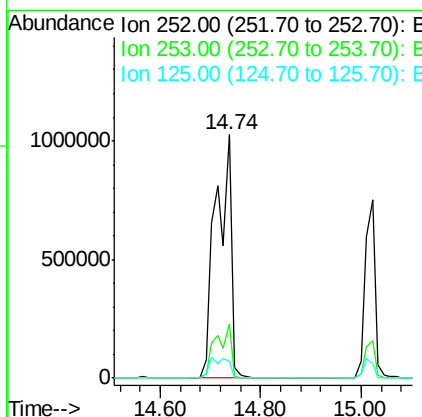
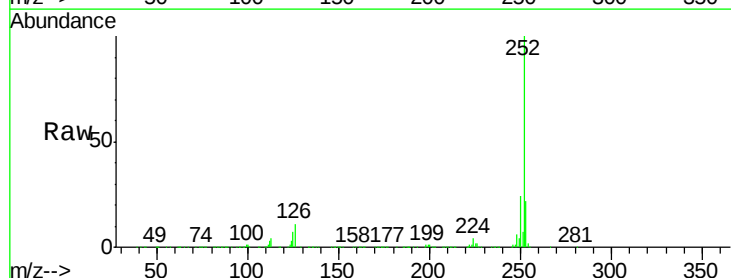
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

Tgt Ion:252 Resp: 2204907
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 7.1 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 104.81 ng
RT: 14.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:252 Resp: 2205268
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 7.1 8.9 13.3#

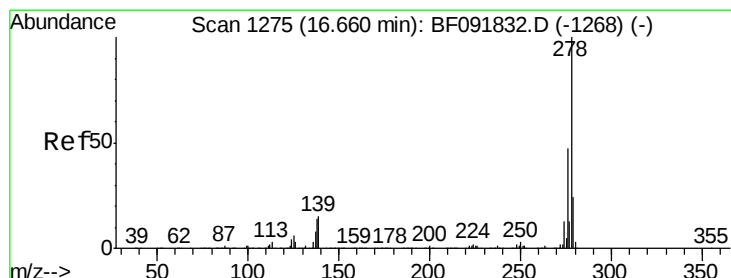
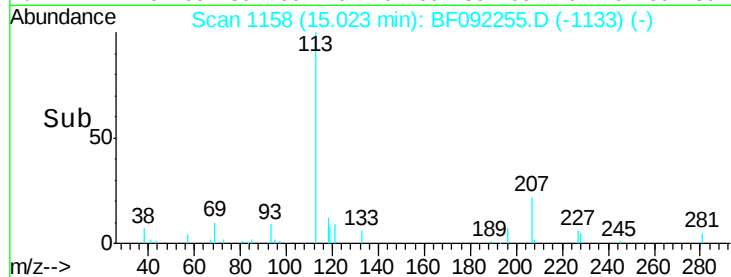
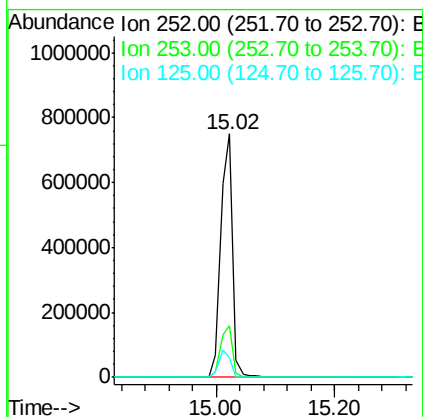
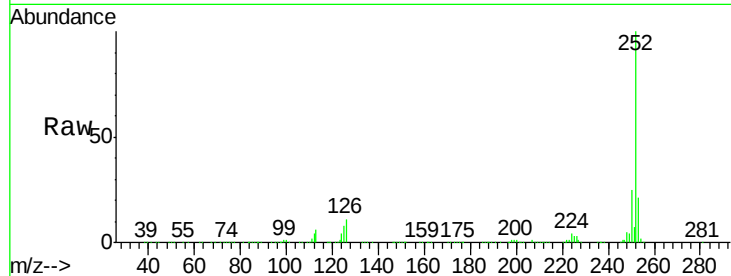




#89
Benzo(a)pyrene
Concen: 46.92 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

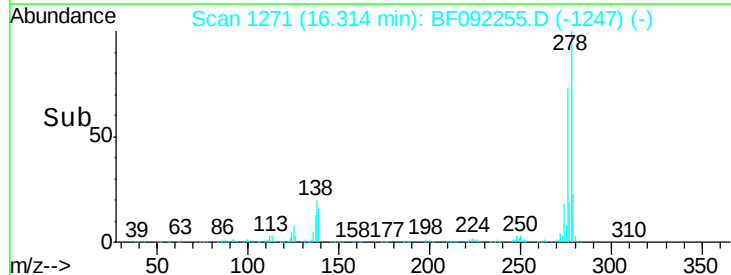
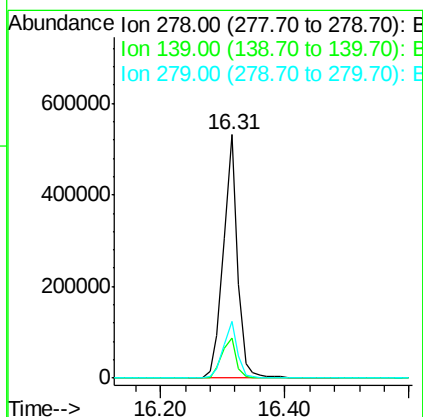
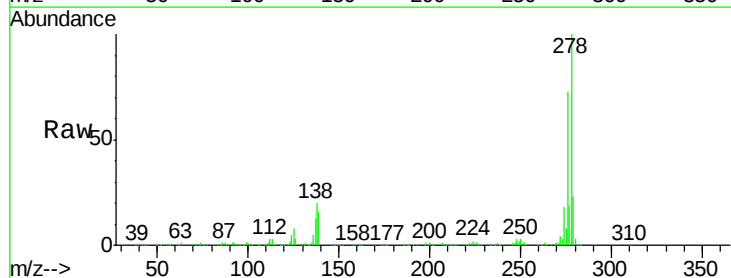
Instrument :
BNA_F
ClientSampleId :
PB95972BSD

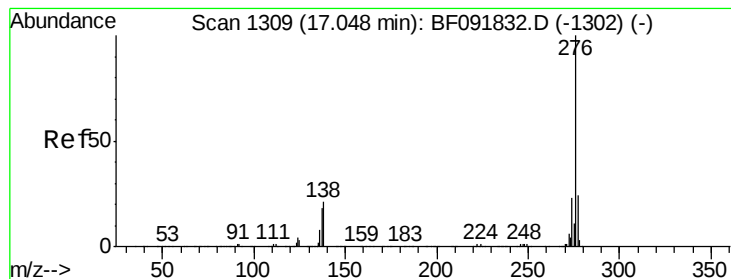
Tgt Ion:252 Resp: 1027448
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 8.1 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.62 ng
RT: 16.31 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF092255.D
Acq: 13 Jan 2017 21:28

Tgt Ion:278 Resp: 839223
Ion Ratio Lower Upper
278 100
139 16.3 14.8 22.2
279 23.4 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 45.49 ng

RT: 16.67 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF092255.D

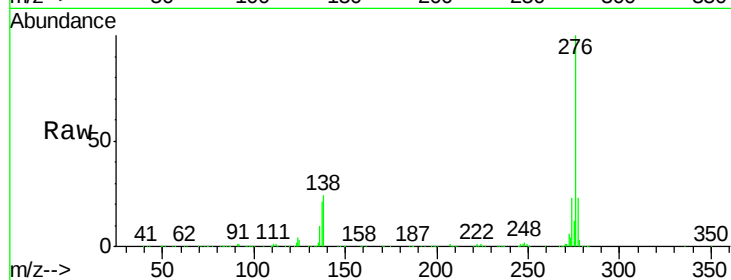
Acq: 13 Jan 2017 21:28

Instrument :

BNA_F

ClientSampleId :

PB95972BSD



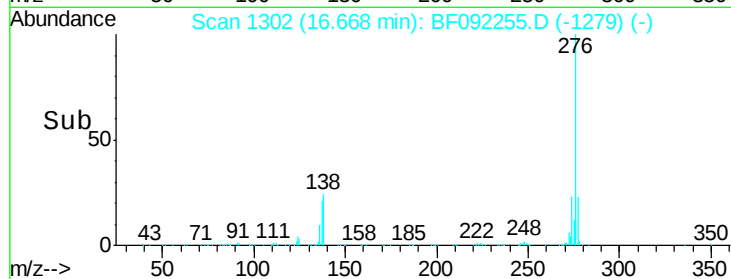
Tgt Ion: 276 Resp: 851370

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 23.8 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

