

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092487.D
 Acq On : 25 Jan 2017 20:08
 Operator : SJ/MA
 Sample : PB96313BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:56:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160283	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	639340	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	353760	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	591562	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	515019	20.00	ng	-0.01
86) Perylene-d12	15.63	264	414297	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	627856	60.95	ng	0.01
7) Phenol-d6	6.59	99	918962	70.03	ng	0.00
23) Nitrobenzene-d5	7.54	82	994606	84.98	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	187900	77.94	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1464226	76.54	ng	-0.01
78) Terphenyl-d14	13.11	244	1520225	78.60	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	181037	33.04	ng	# 83
3) Pyridine	3.45	79	490836	31.47	ng	# 84
4) n-Nitrosodimethylamine	3.40	42	273424	35.73	ng	# 82
6) Aniline	6.62	93	284826	14.55	ng	# 45
8) 2-Chlorophenol	6.75	128	440725	40.73	ng	# 95
9) Benzaldehyde	6.51	77	240863	25.86	ng	# 96
10) Phenol	6.60	94	632052	39.91	ng	# 68
11) bis(2-Chloroethyl)ether	6.70	93	433402	36.57	ng	# 92
12) 1,3-Dichlorobenzene	6.91	146	491292	38.39	ng	# 99
13) 1,4-Dichlorobenzene	6.91	146	491292	38.14	ng	# 94
14) 1,2-Dichlorobenzene	7.14	146	455622	37.29	ng	# 97
15) Benzyl Alcohol	7.10	79	382115	38.64	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	859708	36.67	ng	# 93
17) 2-Methylphenol	7.22	107	380814	41.19	ng	# 96
18) Hexachloroethane	7.48	117	161382	36.37	ng	# 89
19) n-Nitroso-di-n-propylamine	7.39	70	332409	37.20	ng	# 95
20) 3+4-Methylphenols	7.37	107	448728	40.00	ng	# 94
22) Acetophenone	7.38	105	592286	38.90	ng	# 94
24) Nitrobenzene	7.55	77	448766	36.60	ng	# 100
25) Isophorone	7.79	82	883181	38.29	ng	# 94
26) 2-Nitrophenol	7.87	139	220231	42.86	ng	# 95
27) 2,4-Dimethylphenol	7.90	122	408972	38.27	ng	# 97
28) bis(2-Chloroethoxy)methane	8.01	93	560078	36.99	ng	# 99
29) 2,4-Dichlorophenol	8.11	162	364011	39.29	ng	# 89
30) 1,2,4-Trichlorobenzene	8.20	180	391977	39.14	ng	# 96
31) Naphthalene	8.28	128	1206550	36.87	ng	# 99
32) Benzoic acid	8.02	122	277130	36.00	ng	# 98
33) 4-Chloroaniline	8.33	127	122902	8.88	ng	# 99
34) Hexachlorobutadiene	8.41	225	205857	37.59	ng	# 100
35) Caprolactam	8.70	113	81812	26.44	ng	# 32
36) 4-Chloro-3-methylphenol	8.81	107	400345	40.07	ng	# 96
37) 2-Methylnaphthalene	8.98	142	826707	39.91	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	386877	43.35	ng	# 100
40) Hexachlorocyclopentadiene	9.14	237	379512	84.92	ng	# 97

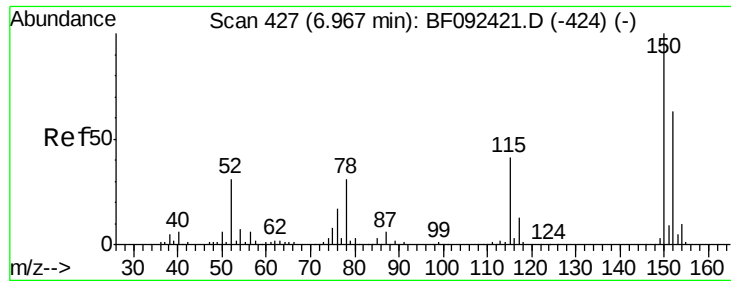
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	281310	41.15	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	269062	43.01	nq #	85
45) 1,1'-Biphenyl	9.45	154	1044745	40.85	nq	98
46) 2-Chloronaphthalene	9.47	162	782135	37.45	nq	97
47) 2-Nitroaniline	9.56	65	261195	37.14	nq	95
48) Acenaphthylene	9.89	152	1301469	42.48	nq	98
49) Dimethylphthalate	9.74	163	904610	40.21	nq	98
50) 2,6-Dinitrotoluene	9.81	165	209439	45.55	nq #	75
51) Acenaphthene	10.06	154	855073	44.92	nq	99
52) 3-Nitroaniline	9.97	138	87085	15.12	nq	87
53) 2,4-Dinitrophenol	10.08	184	163922	62.44	nq #	58
54) Dibenzofuran	10.24	168	1169648	45.25	nq	93
55) 4-Nitrophenol	10.13	139	384941	84.17	nq	92
56) 2,4-Dinitrotoluene	10.21	165	314326	51.50	nq #	83
57) Fluorene	10.58	166	859102	44.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	228575	48.77	nq	95
59) Diethylphthalate	10.45	149	972377	45.08	nq	97
60) 4-Chlorophenyl-phenylether	10.57	204	371615	39.98	nq	90
61) 4-Nitroaniline	10.59	138	206555	35.86	nq	94
62) Azobenzene	10.73	77	1040176	42.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	123472	39.69	nq #	28
65) n-Nitrosodiphenylamine	10.68	169	737083	39.90	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	246062	41.20	nq	92
67) Hexachlorobenzene	11.12	284	229827	38.07	nq #	71
68) Atrazine	11.22	200	264459	41.82	nq	94
69) Pentachlorophenol	11.31	266	278368	72.11	nq	96
70) Phenanthrene	11.54	178	1307335	40.13	nq	99
71) Anthracene	11.58	178	1286625	40.41	nq	100
72) Carbazole	11.74	167	1274306	41.92	nq	98
73) Di-n-butylphthalate	12.08	149	1383830	39.81	nq	98
74) Fluoranthene	12.73	202	1310912	41.14	nq	97
76) Benzidine	12.84	184	315411	16.50	nq	98
77) Pyrene	12.96	202	1318754	35.34	nq	99
79) Butylbenzylphthalate	13.57	149	611603	40.46	nq	97
80) Benzo(a)anthracene	14.15	228	1068477	38.60	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	198379	18.88	nq #	94
82) Chrysene	14.18	228	986583	33.38	nq	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	767271	40.30	nq	100
84) Di-n-octyl phthalate	14.75	149	1497964	43.34	nq	97
85) Indeno(1,2,3-cd)pyrene	17.11	276	914791	41.83	nq #	93
87) Benzo(b)fluoranthene	15.20	252	993176	37.34	nq	99
88) Benzo(k)fluoranthene	15.20	252	993176	44.91	nq	98
89) Benzo(a)pyrene	15.56	252	934706	41.54	nq #	97
90) Dibenzo(a,h)anthracene	17.13	278	772842	42.48	nq	96
91) Benzo(g,h,i)perylene	17.55	276	770415	41.87	nq #	90

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

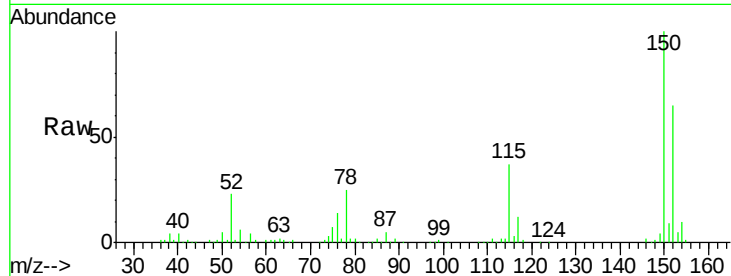


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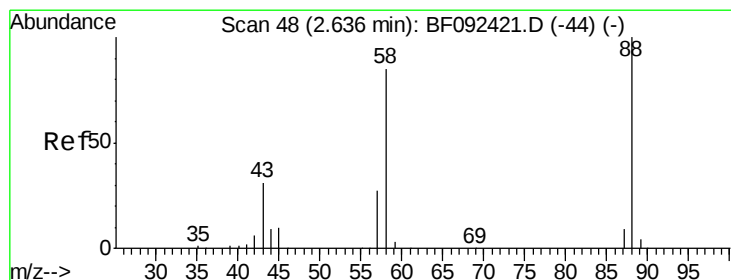
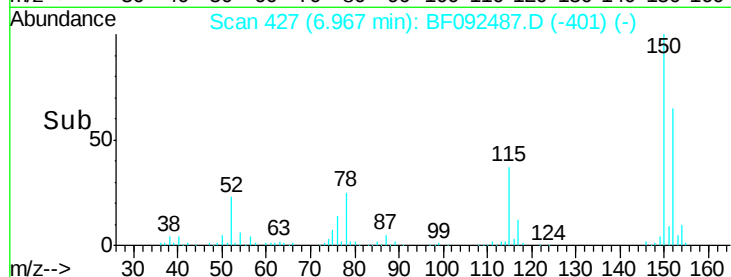
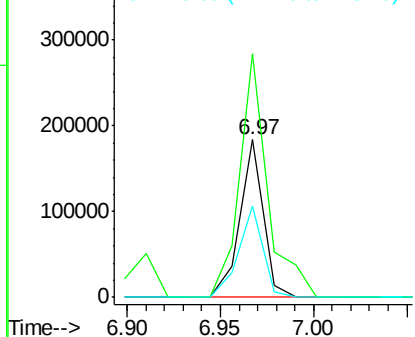
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160283
Ion Ratio Lower Upper
152 100
150 154.6 124.9 187.3
115 57.8 46.0 69.0



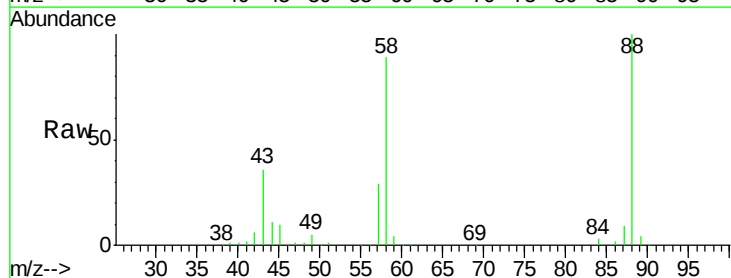
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



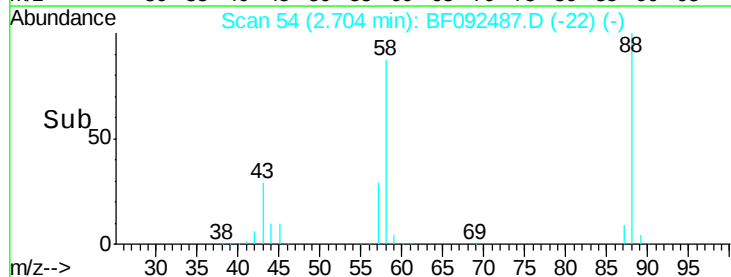
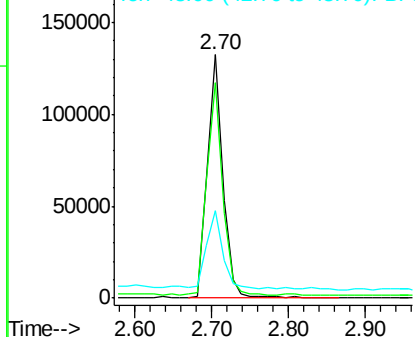
#2

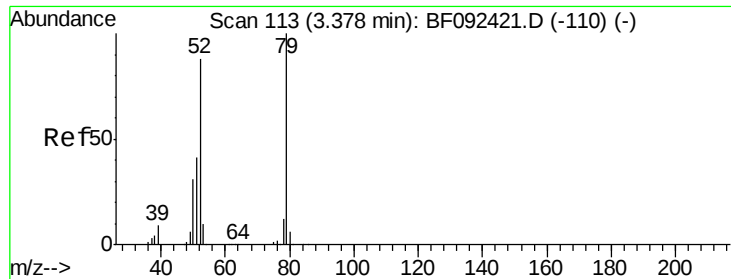
1,4-Dioxane
Concen: 33.04 ng
RT: 2.70 min Scan# 54
Delta R.T. 0.07 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion: 88 Resp: 181037
Ion Ratio Lower Upper
88 100
58 88.8 57.8 86.8#
43 33.6 22.3 33.5#



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





#3

Pvridine

Concen: 31.47 ng

RT: 3.45 min Scan# 119

Delta R.T. 0.07 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

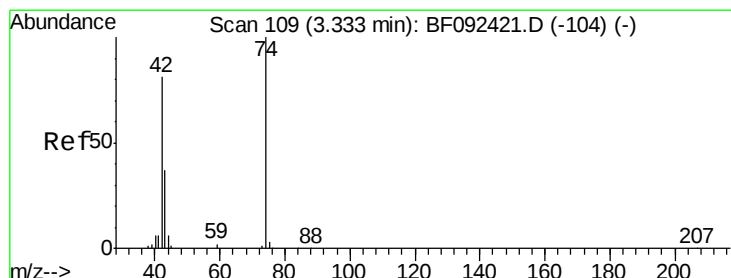
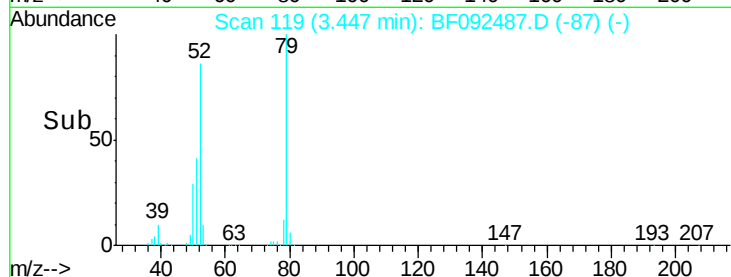
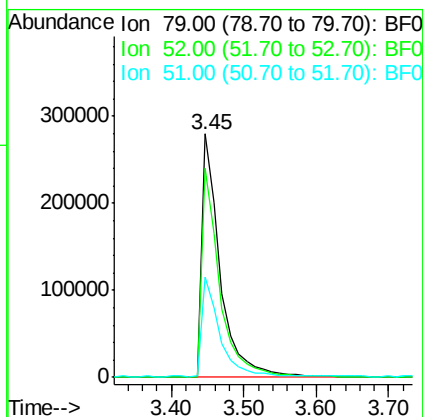
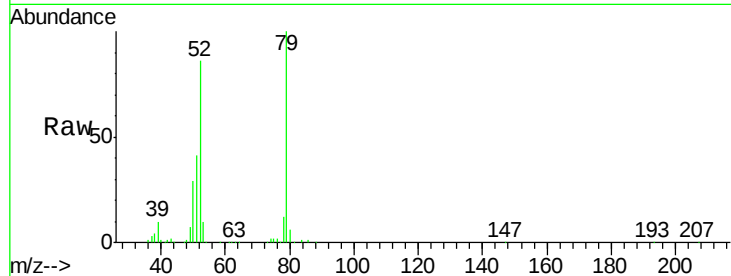
Tot Ion: 79 Resp: 490836

Ion Ratio Lower Upper

79 100

52 85.9 57.1 85.7#

51 41.2 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 35.73 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.07 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

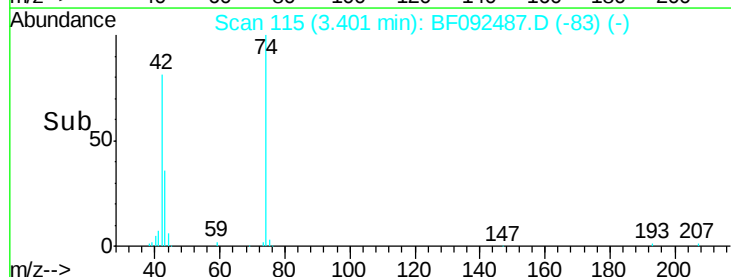
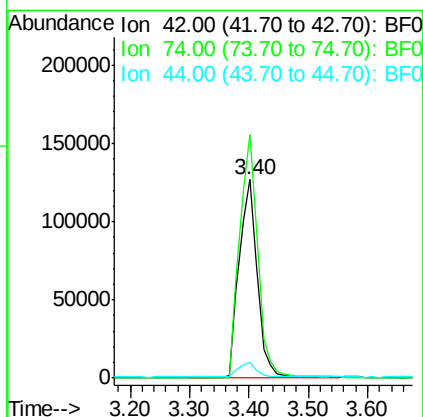
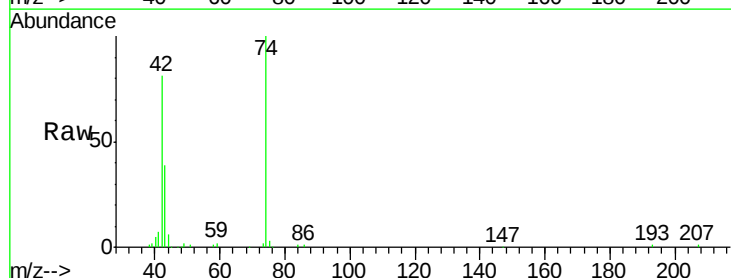
Tgt Ion: 42 Resp: 273424

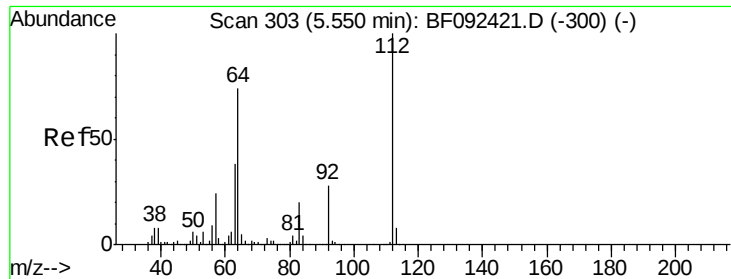
Ion Ratio Lower Upper

42 100

74 122.8 117.0 175.4

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 60.95 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

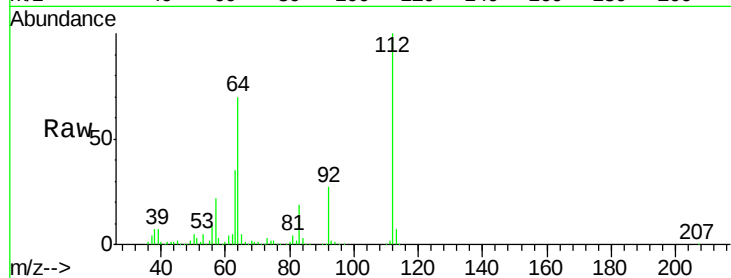
Tot Ion:112 Resp: 627856

Ion Ratio Lower Upper

112 100

64 69.5 46.1 69.1#

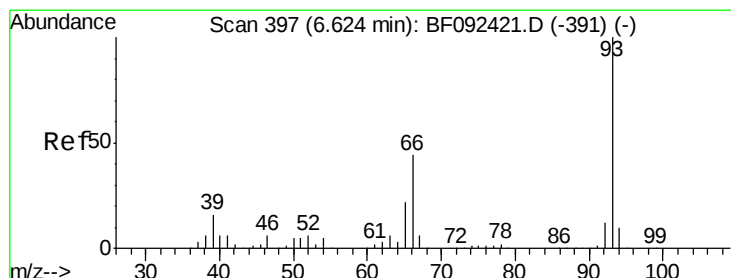
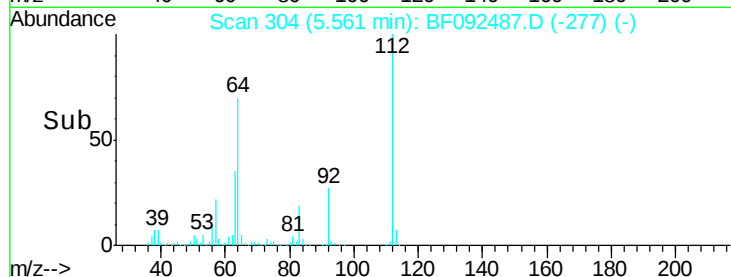
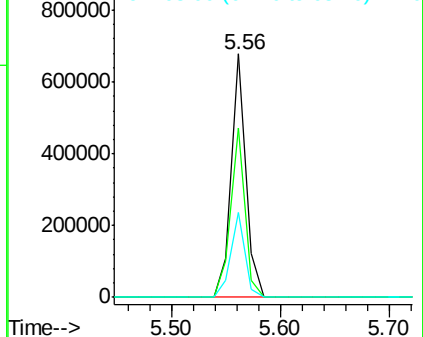
63 34.7 23.8 35.6



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: 14.55 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

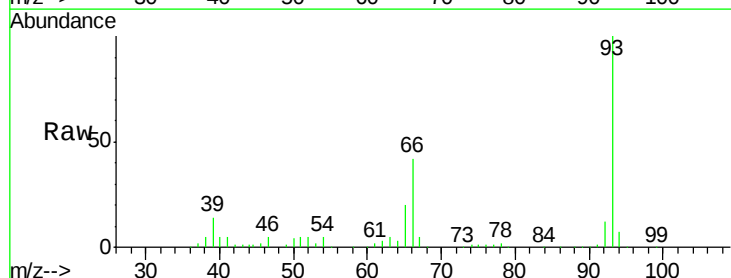
Tgt Ion: 93 Resp: 284826

Ion Ratio Lower Upper

93 100

66 41.7 76.2 114.2#

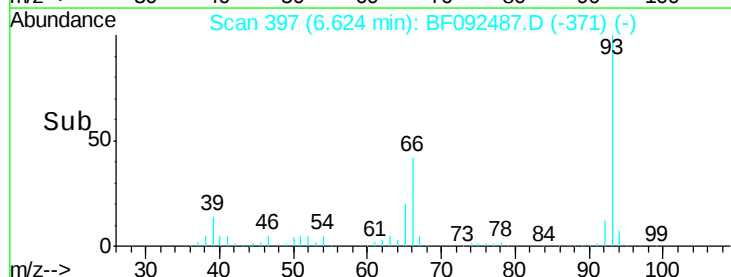
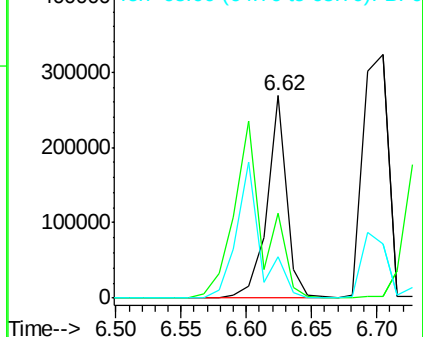
65 20.2 49.3 73.9#

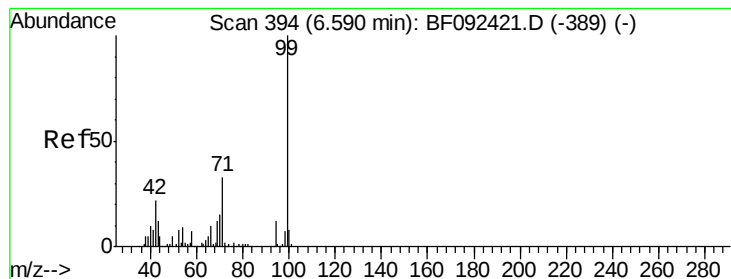


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.03 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

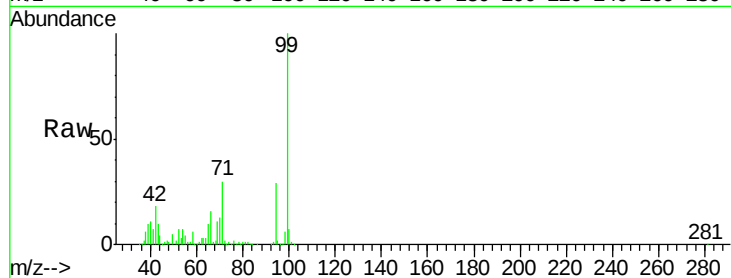
Tot Ion: 99 Resp: 918962

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

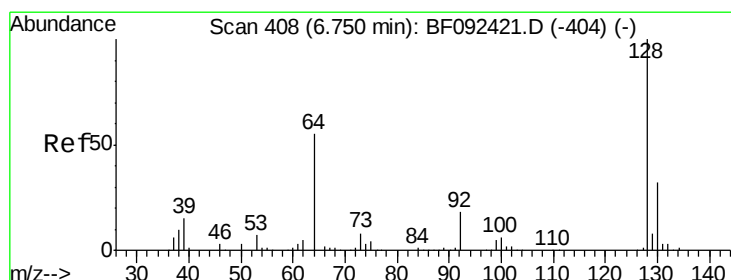
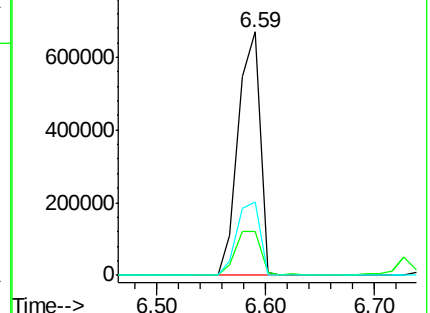
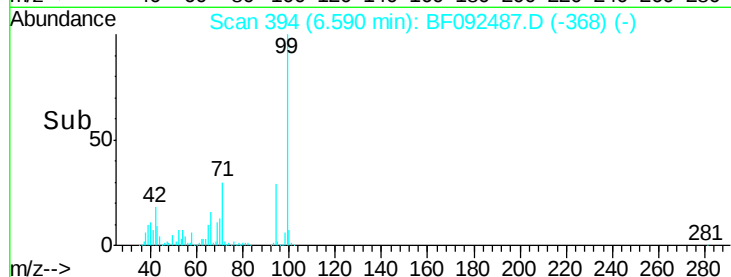
71 29.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.73 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

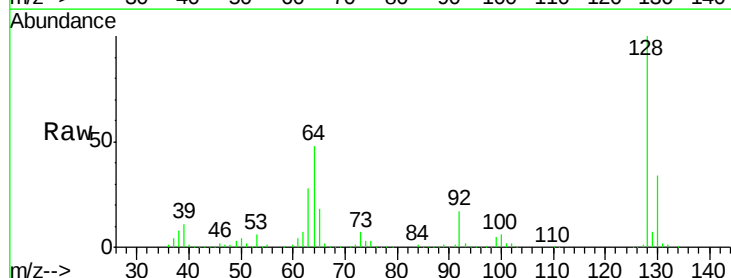
Tgt Ion: 128 Resp: 440725

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

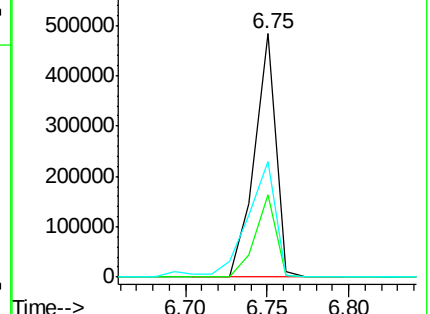
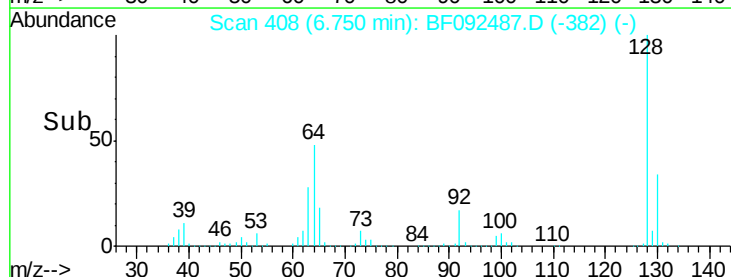
64 47.6 32.2 72.2

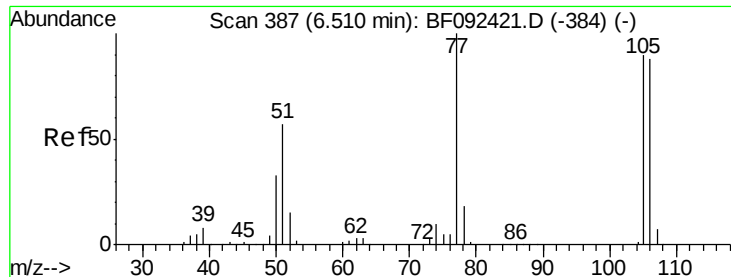


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.86 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

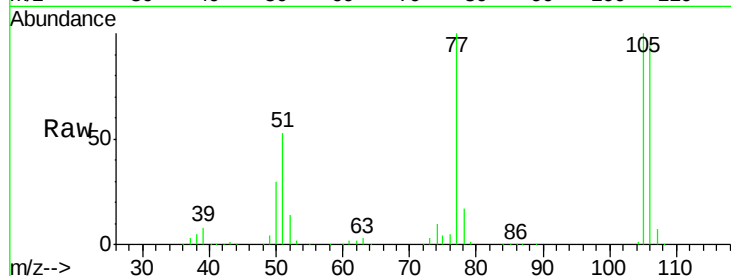
Tot Ion: 77 Resp: 240863

Ion Ratio Lower Upper

77 100

105 99.6 83.9 123.9

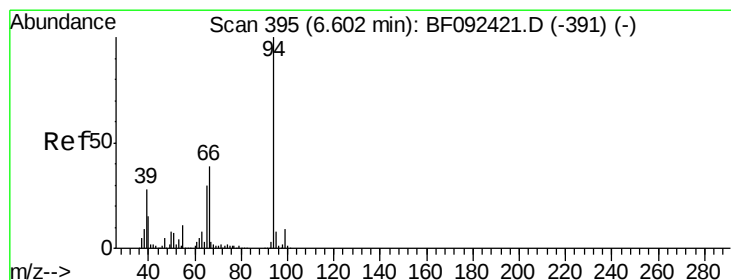
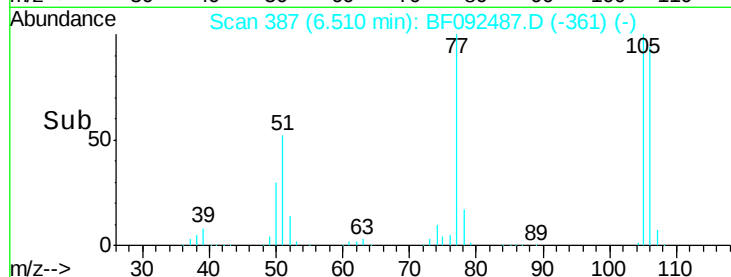
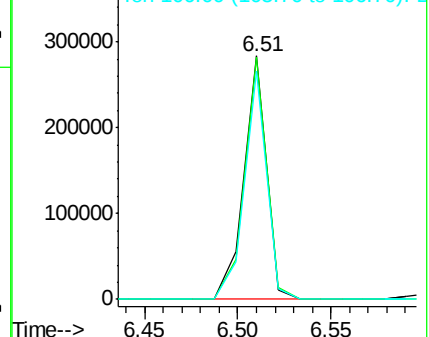
106 93.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.91 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

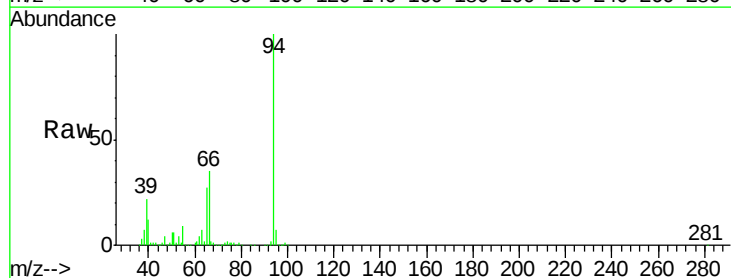
Tgt Ion: 94 Resp: 632052

Ion Ratio Lower Upper

94 100

65 26.7 21.4 61.4

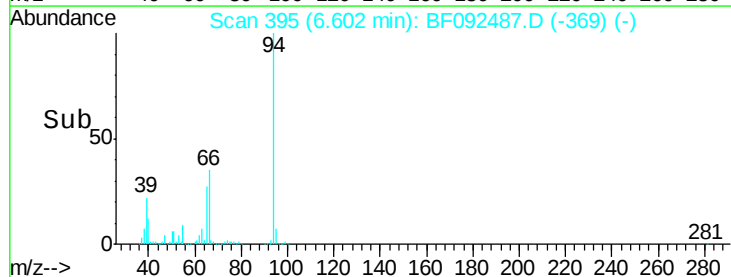
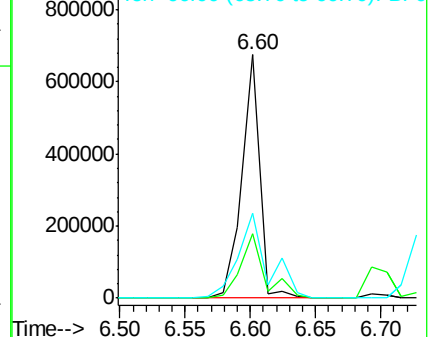
66 34.7 44.0 84.0#

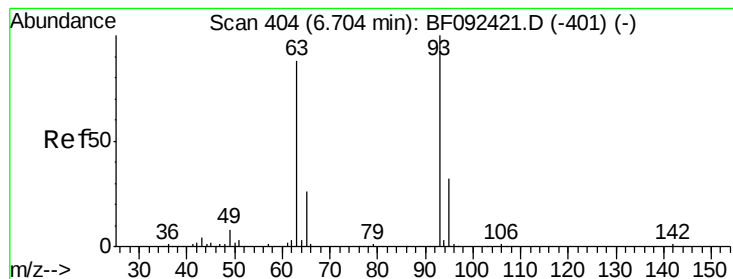


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

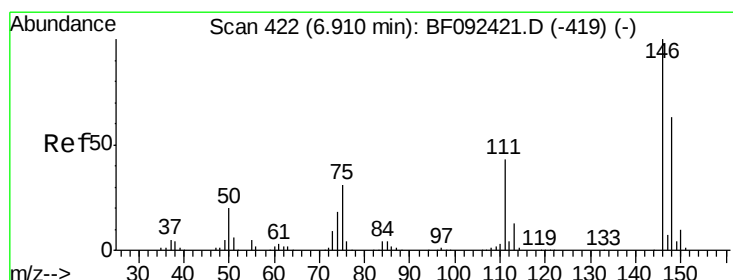
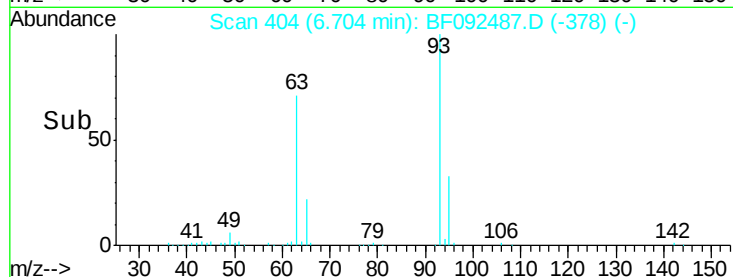
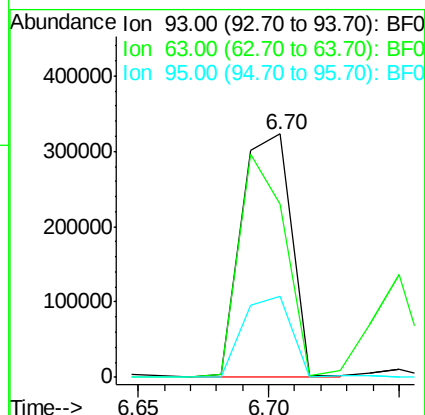
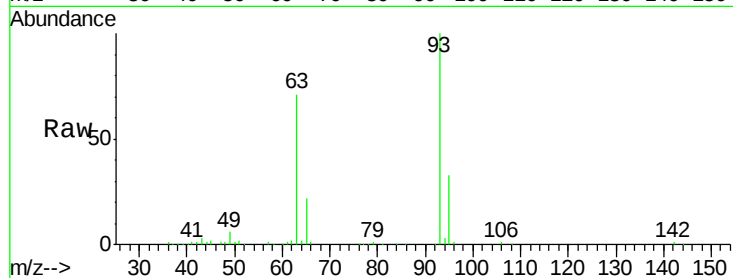




#11
bis(2-Chloroethyl)ether
Concen: 36.57 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

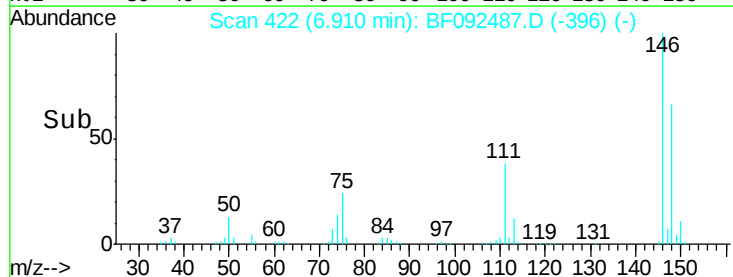
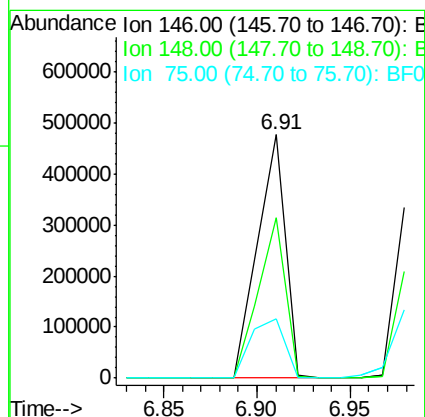
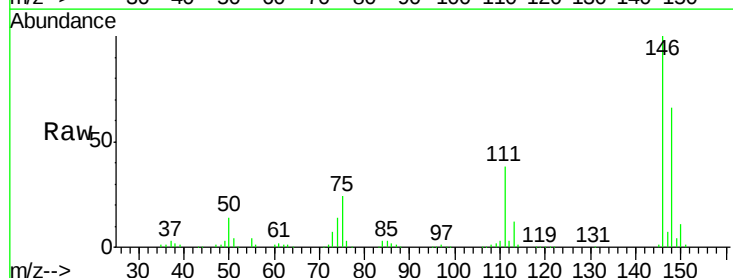
Instrument :
BNA_F
ClientSampleId :

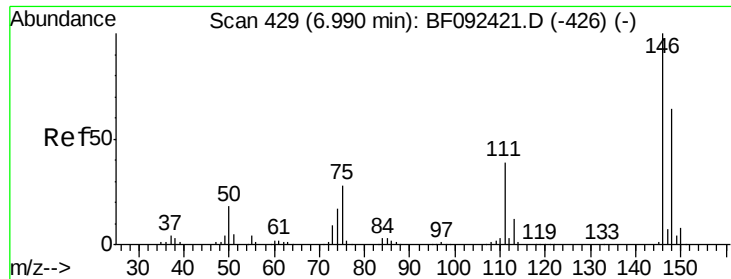
Tot Ion: 93 Resp: 433402
Ion Ratio Lower Upper
93 100
63 71.2 60.4 100.4
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.39 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion: 146 Resp: 491292
Ion Ratio Lower Upper
146 100
148 65.7 53.4 80.0
75 24.1 18.5 27.7

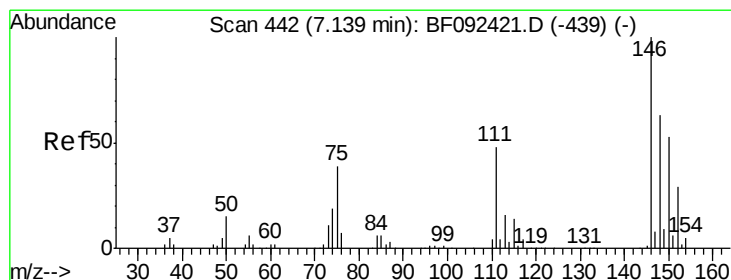
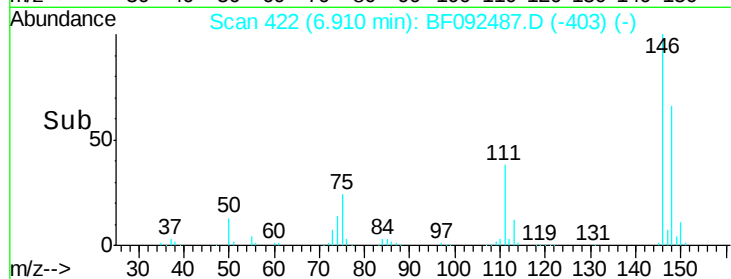
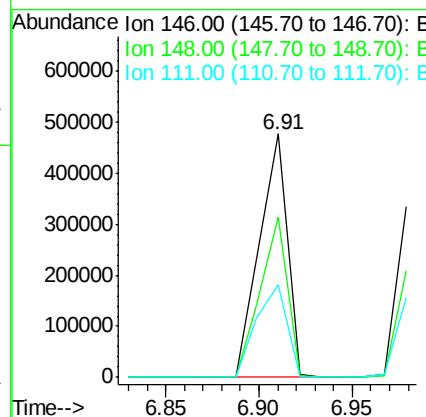
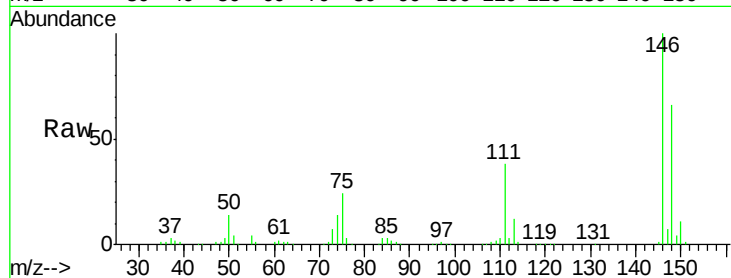




#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.08 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

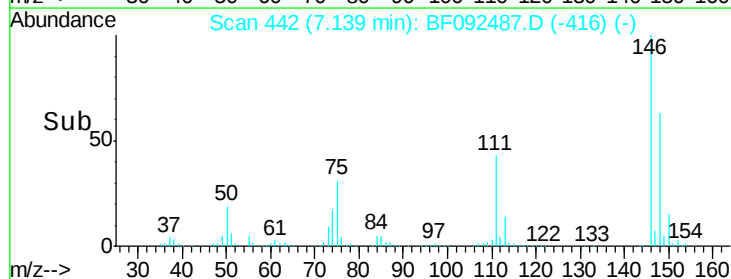
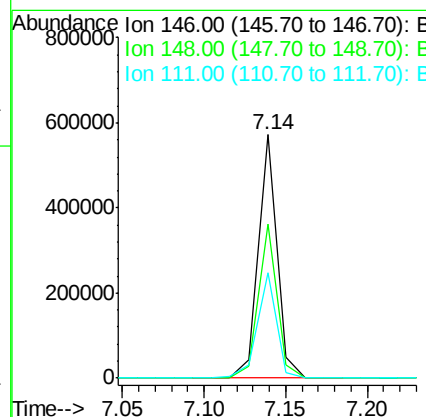
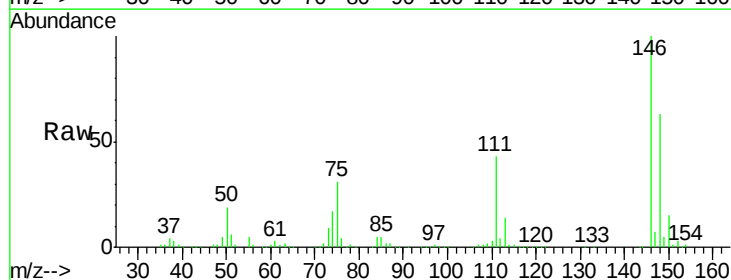
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 491292
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 76.0
 111 38.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.29 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:146 Resp: 455622
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 43.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.64 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampled :

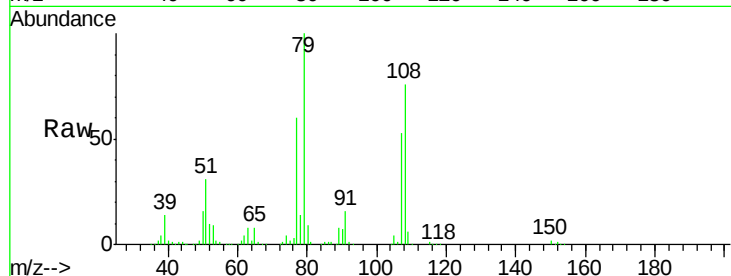
Tot Ion: 79 Resp: 382115

Ion Ratio Lower Upper

79 100

108 76.5 61.4 92.0

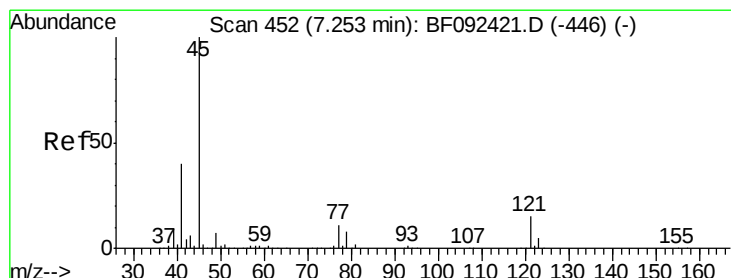
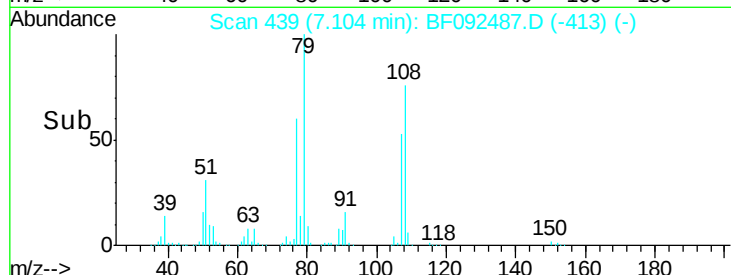
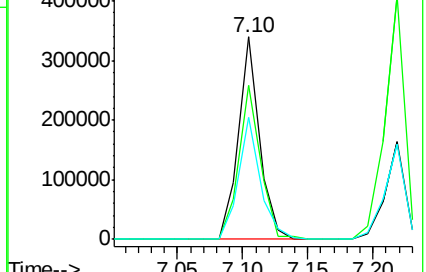
77 60.2 50.9 76.3



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: 36.67 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

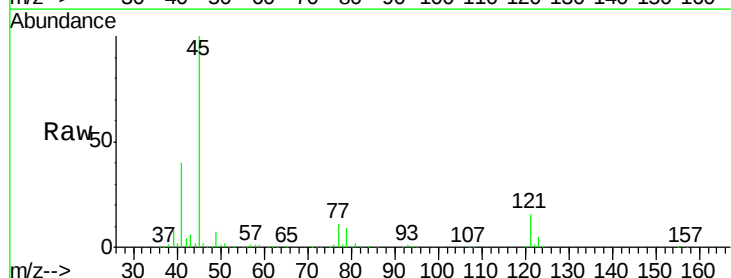
Tgt Ion: 45 Resp: 859708

Ion Ratio Lower Upper

45 100

77 11.2 0.0 34.6

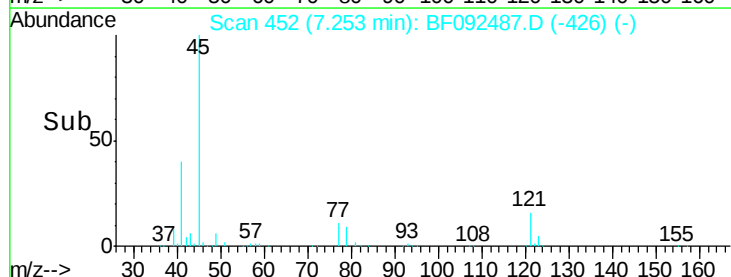
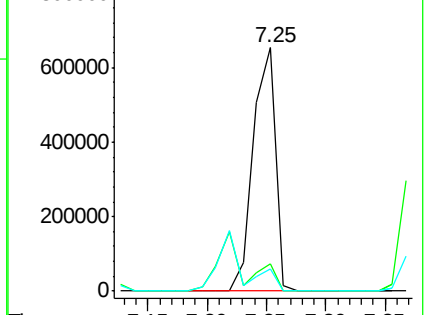
79 9.1 0.0 31.2

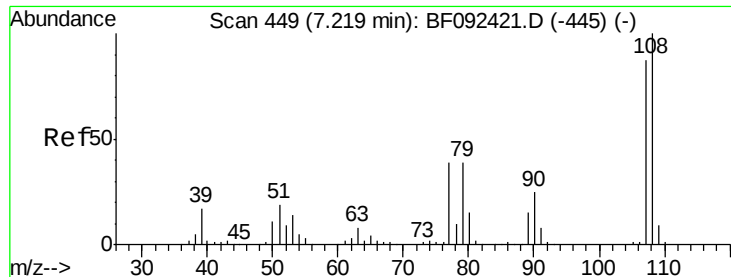


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.19 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 380814

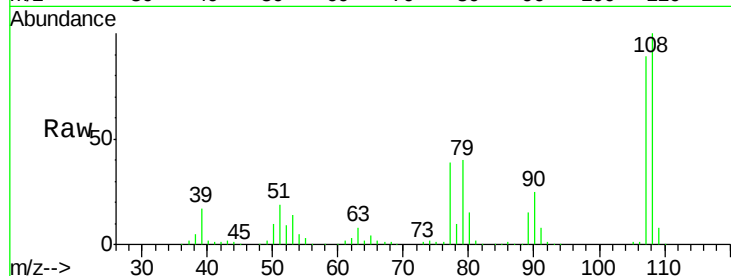
Ion Ratio Lower Upper

107 100

108 112.7 93.0 139.6

77 44.2 39.8 59.8

79 45.2 38.0 57.0

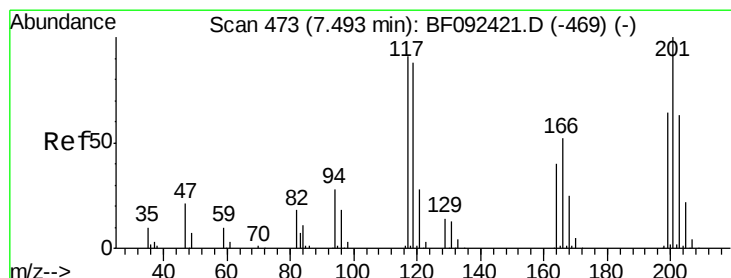
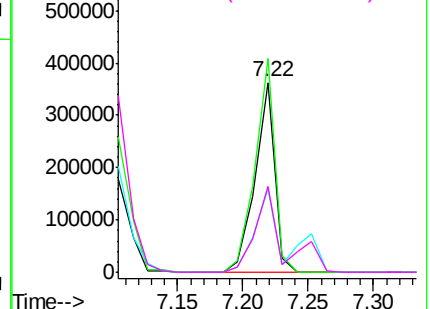
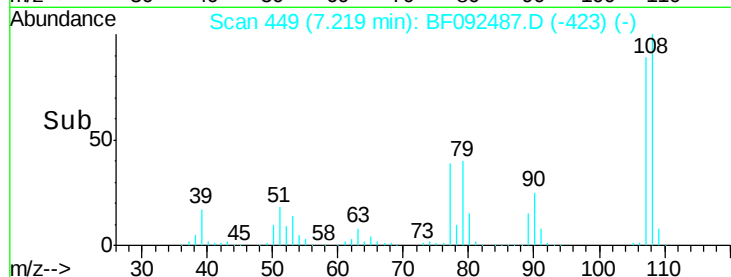


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.37 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

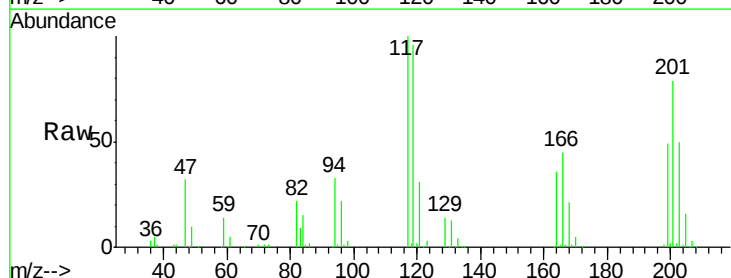
Tgt Ion:117 Resp: 161382

Ion Ratio Lower Upper

117 100

119 95.7 78.1 117.1

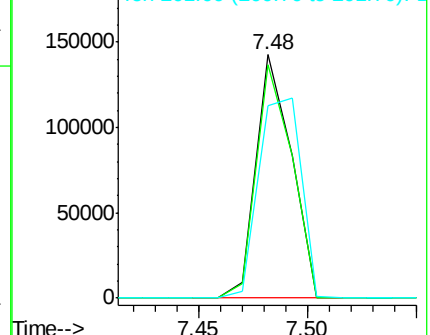
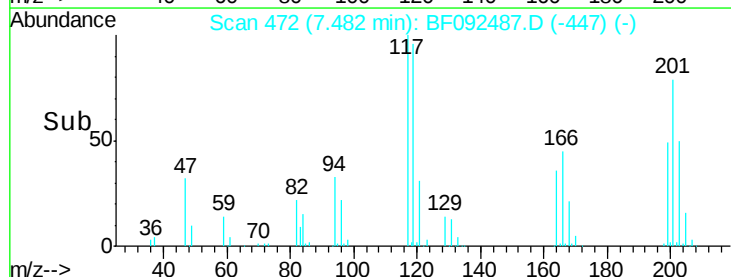
201 78.9 78.6 117.8

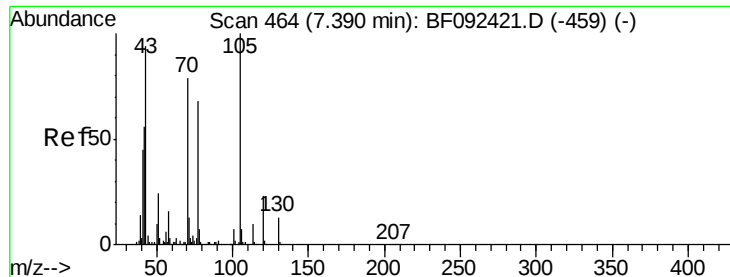


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.20 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 332409

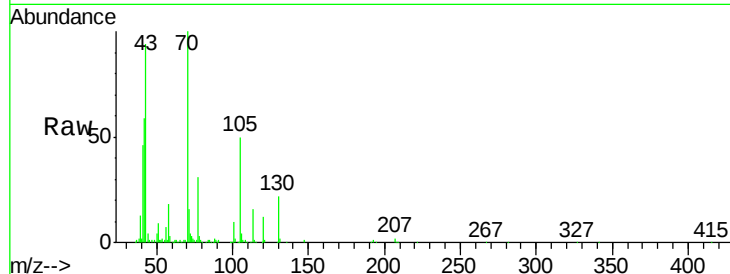
Ion Ratio Lower Upper

70 100

42 58.6 49.4 74.0

101 9.9 7.4 11.2

130 22.4 14.2 21.4#

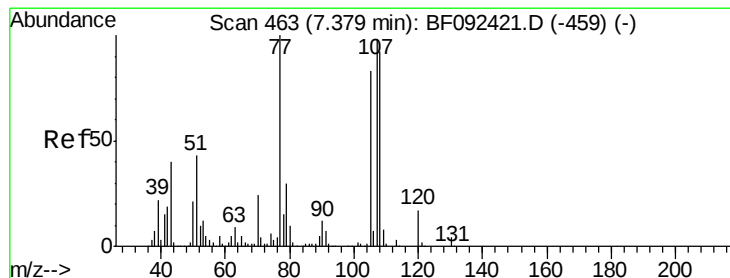
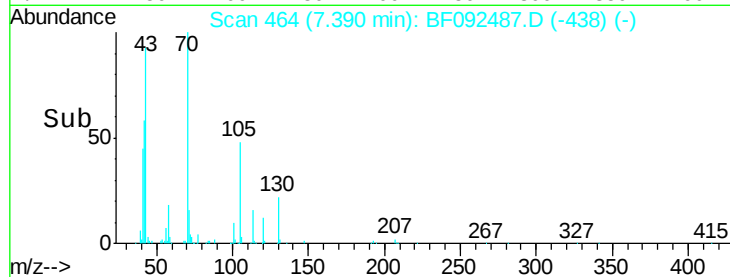
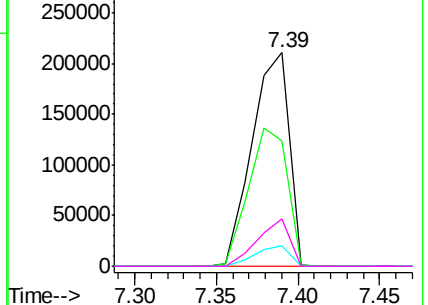


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.00 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Tgt Ion: 107 Resp: 448728

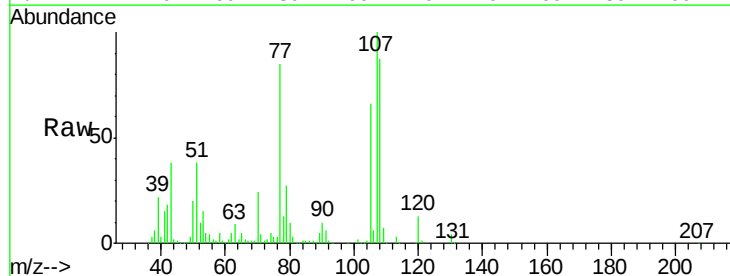
Ion Ratio Lower Upper

107 100

108 87.0 73.0 113.0

77 85.1 71.3 111.3

79 27.3 11.1 51.1

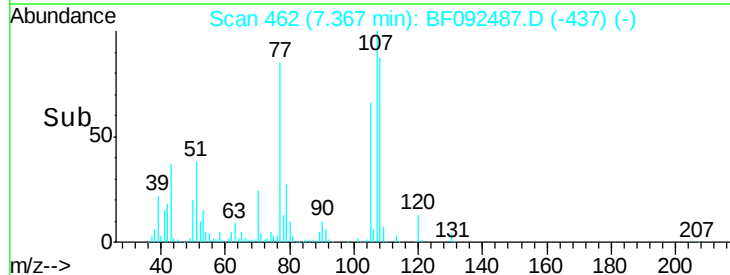
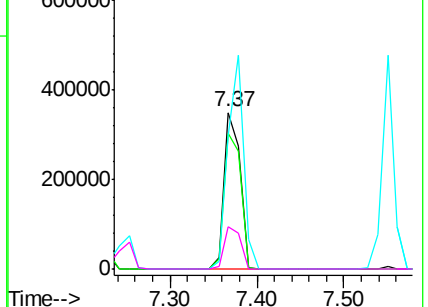


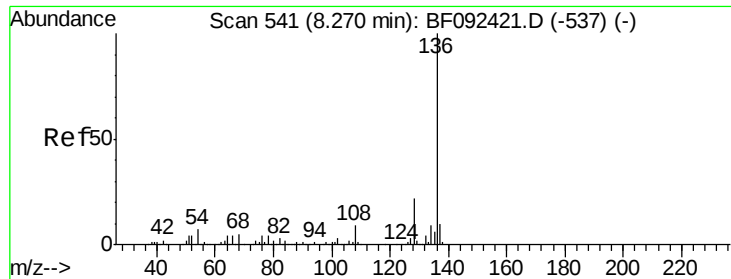
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 639340

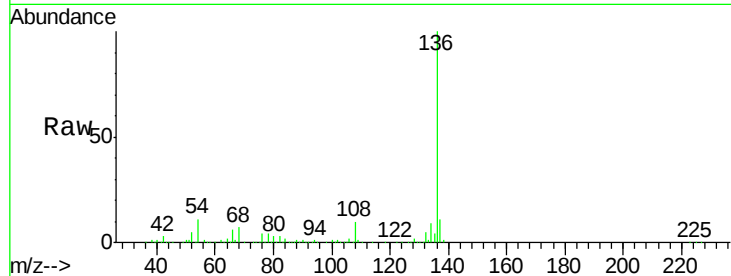
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.8 4.5 6.7#

68 7.2 3.6 5.4#

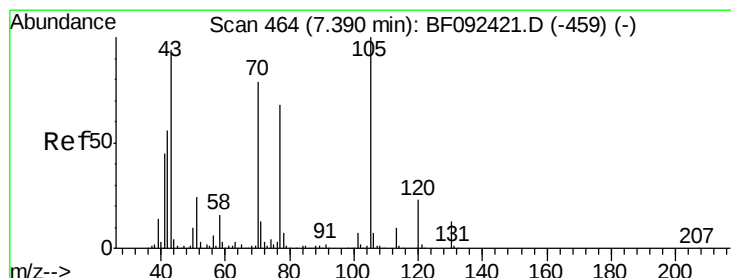
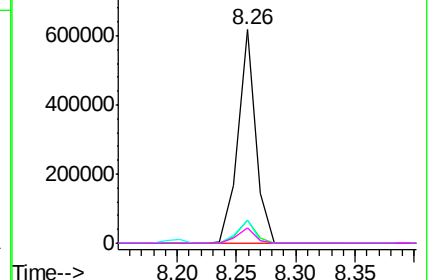
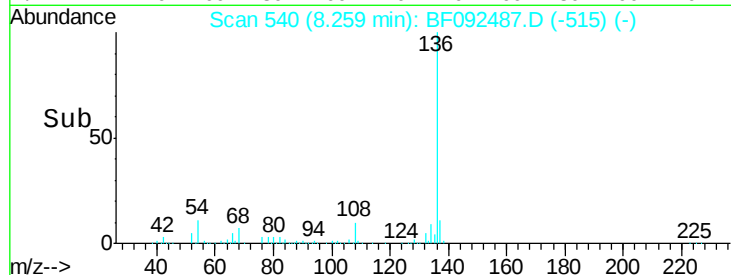


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.90 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Tgt Ion:105 Resp: 592286

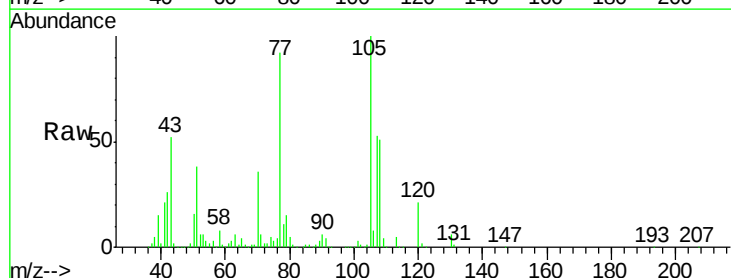
Ion Ratio Lower Upper

105 100

71 6.1 3.2 4.8#

51 37.7 26.2 39.4

120 21.3 16.6 24.8

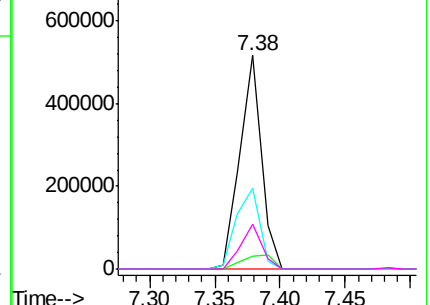
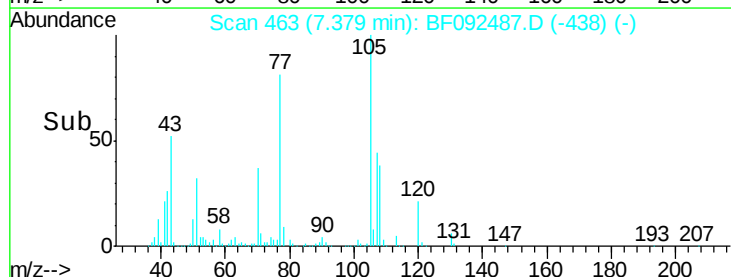


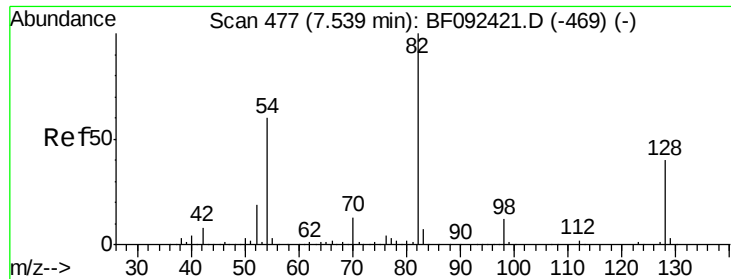
Abundance Ion 105.00 (104.70 to 105.70): E

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

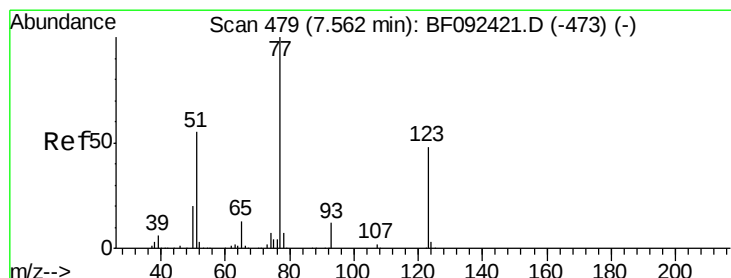
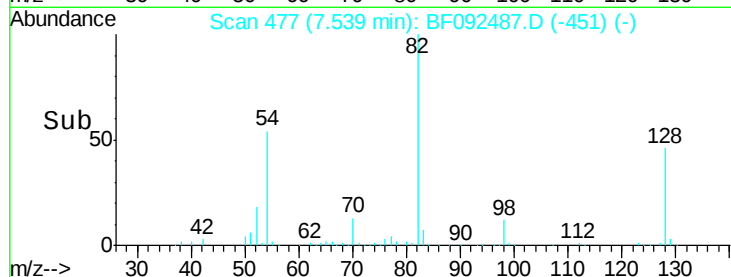
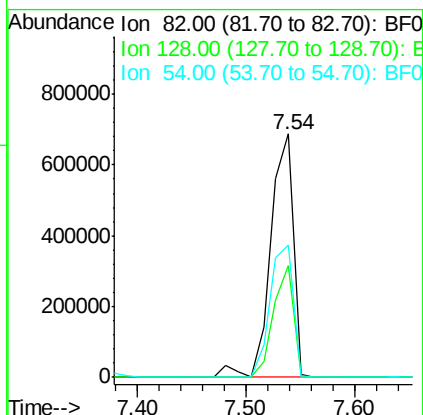
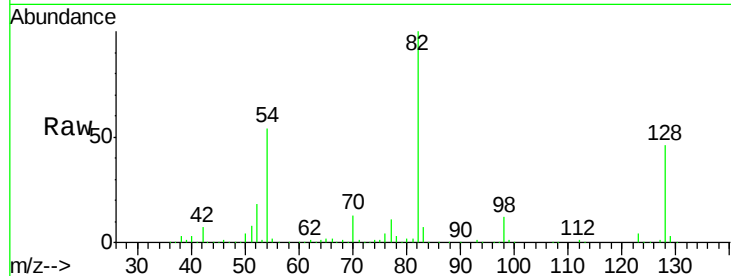




#23
 Nitrobenzene-d5
 Concen: 84.98 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

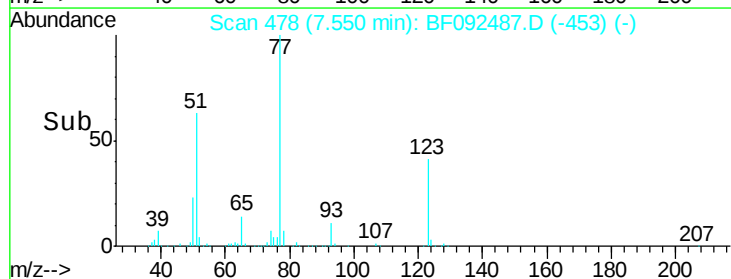
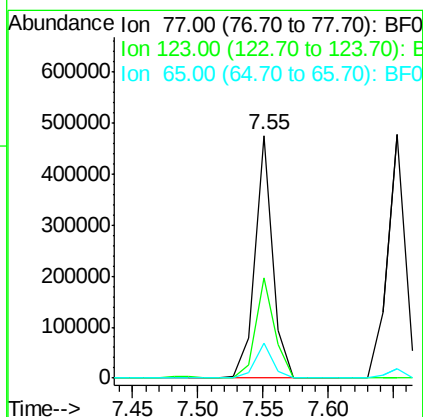
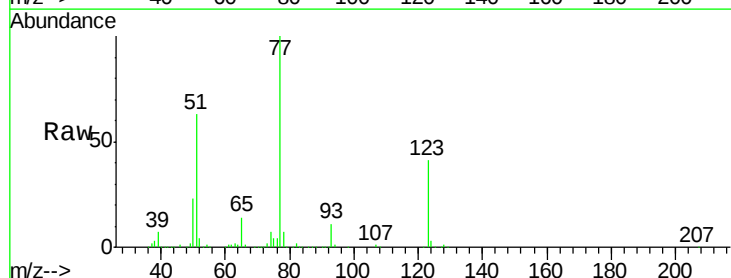
Instrument :
 BNA_F
 ClientSampled :

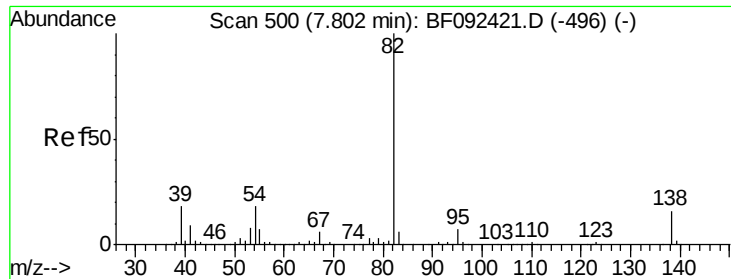
Tot Ion	82	Resp	994606
Ion Ratio	100	Lower	Upper
128	46.2	34.6	52.0
54	54.4	39.5	59.3



#24
 Nitrobenzene
 Concen: 36.60 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion	77	Resp	448766
Ion Ratio	100	Lower	Upper
123	41.2	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 38.29 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

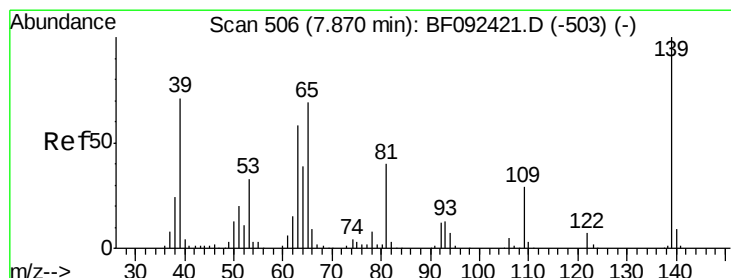
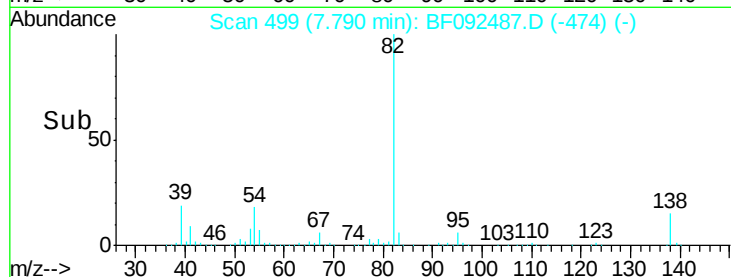
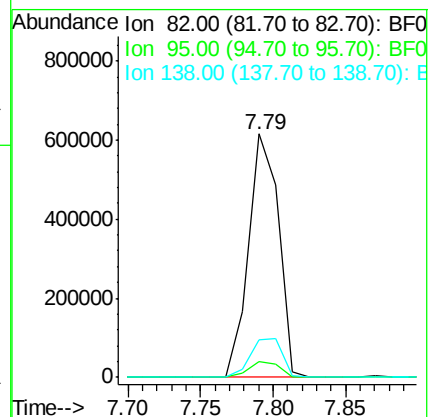
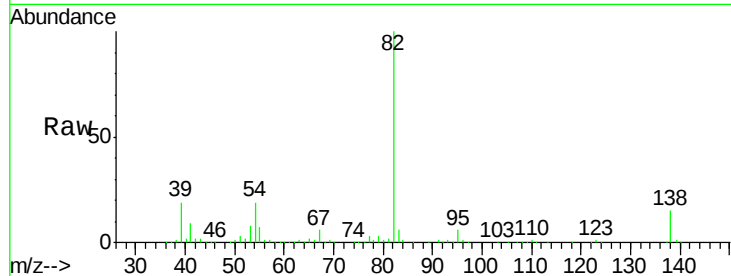
Tot Ion: 82 Resp: 883181

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 15.2 14.6 22.0



#26

2-Nitrophenol

Concen: 42.86 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

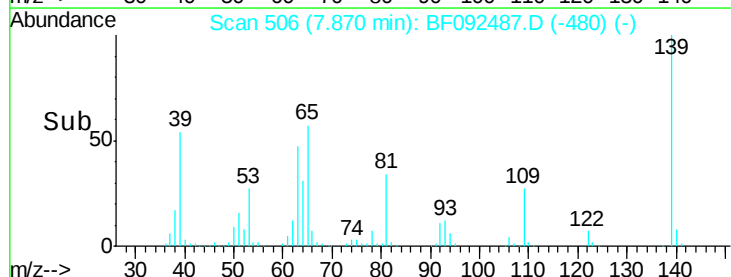
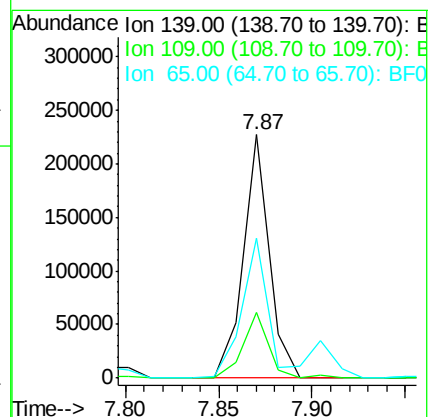
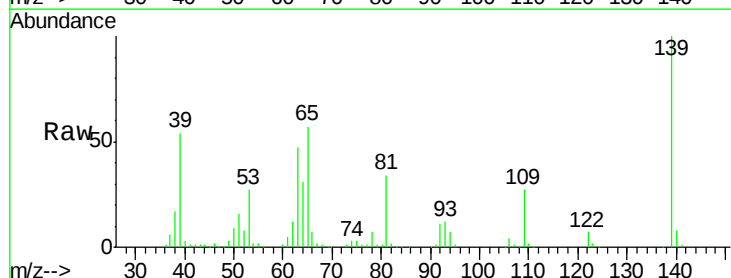
Tgt Ion: 139 Resp: 220231

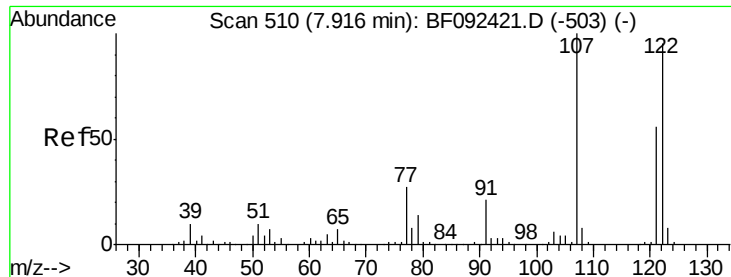
Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

65 57.3 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 38.27 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampled :

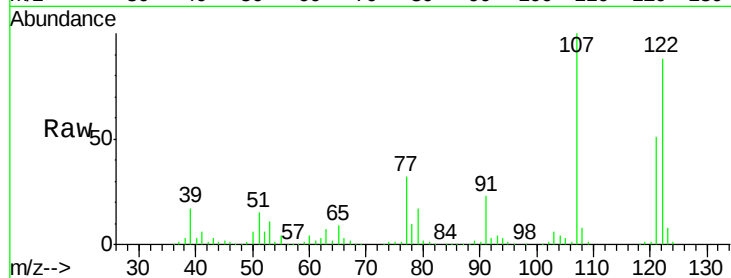
Tot Ion:122 Resp: 408972

Ion Ratio Lower Upper

122 100

107 113.5 94.1 141.1

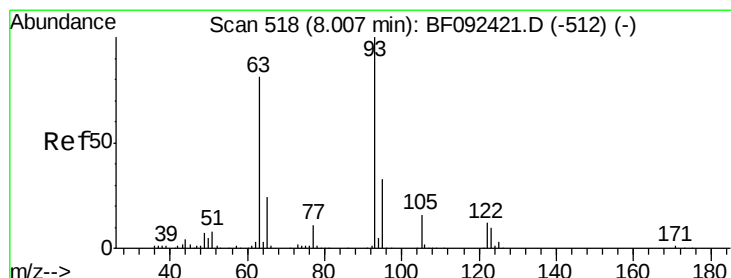
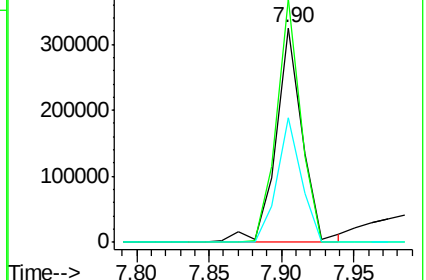
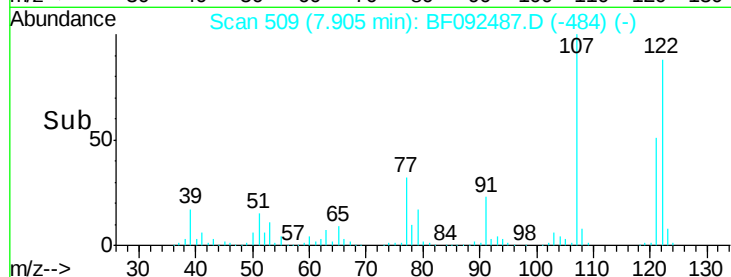
121 58.3 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.99 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

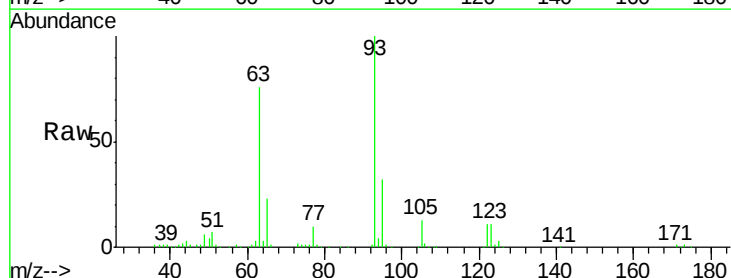
Tgt Ion: 93 Resp: 560078

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

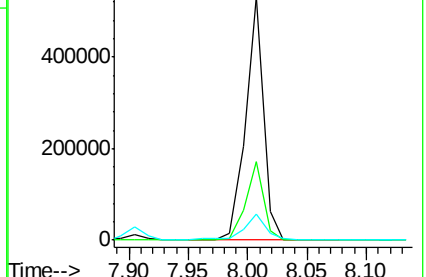
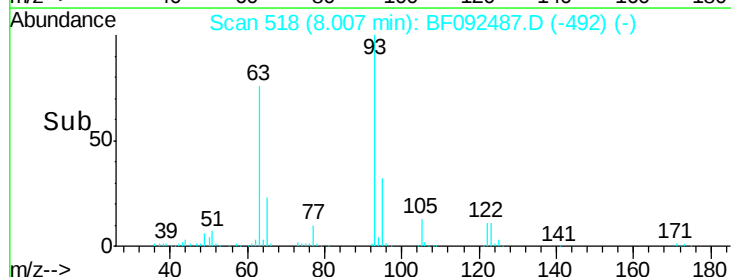
123 10.9 8.6 13.0

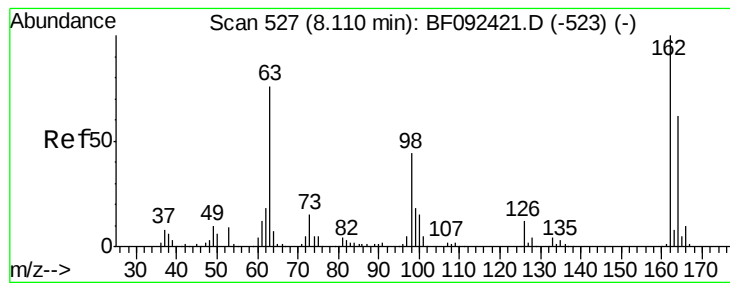


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.29 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

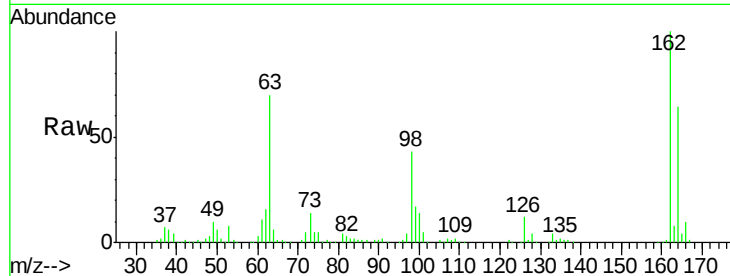
Tot Ion:162 Resp: 364011

Ion Ratio Lower Upper

162 100

164 64.0 46.8 86.8

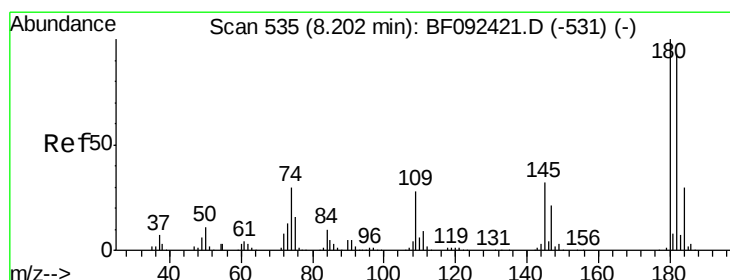
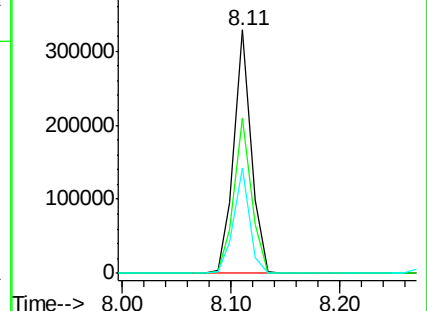
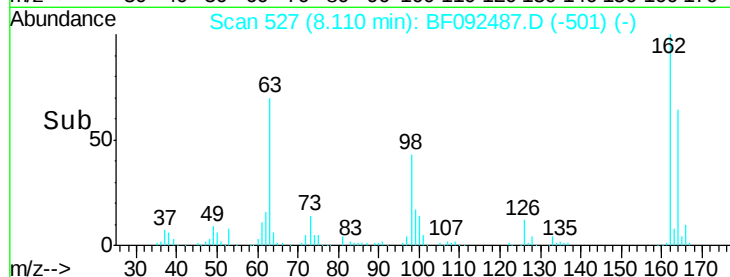
98 43.3 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.14 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

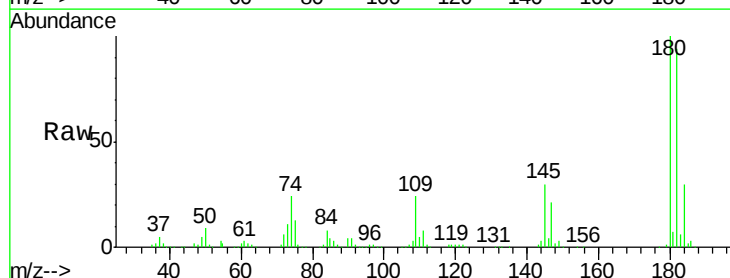
Tgt Ion:180 Resp: 391977

Ion Ratio Lower Upper

180 100

182 94.0 78.2 117.4

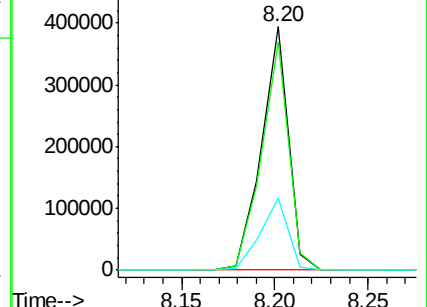
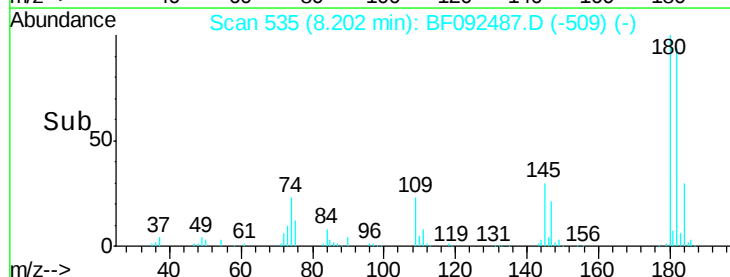
145 29.6 21.6 32.4

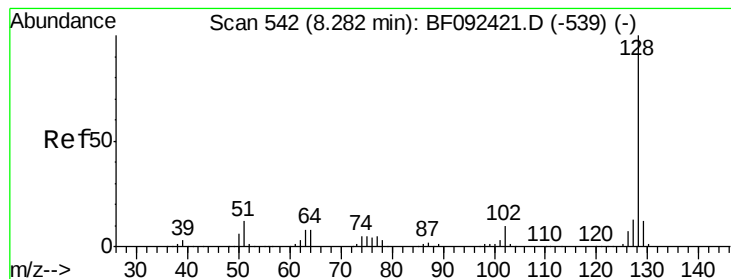


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.87 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

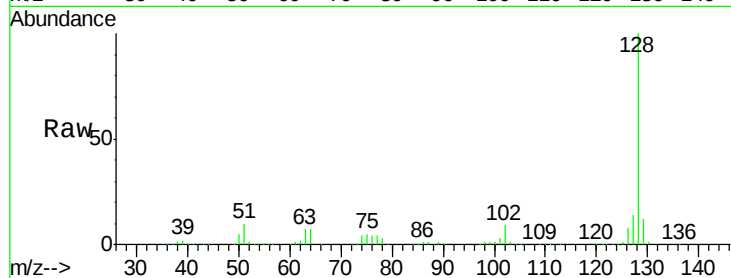
Tot Ion:128 Resp: 1206550

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

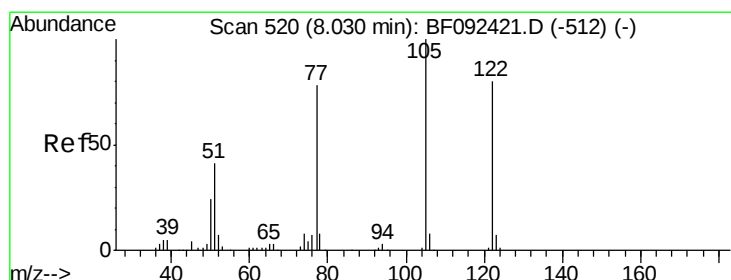
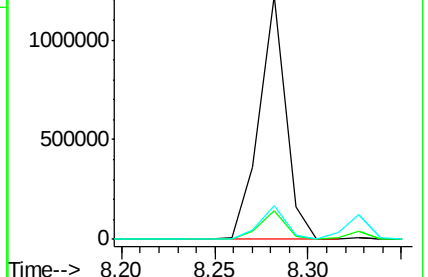
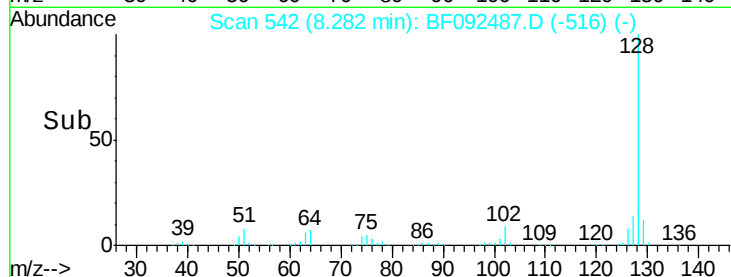
127 13.7 10.8 16.2



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: 36.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

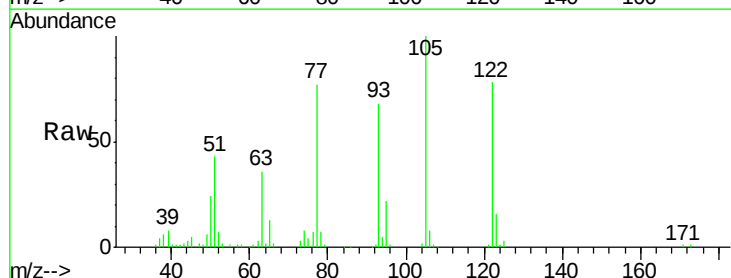
Tgt Ion:122 Resp: 277130

Ion Ratio Lower Upper

122 100

105 127.8 107.2 147.2

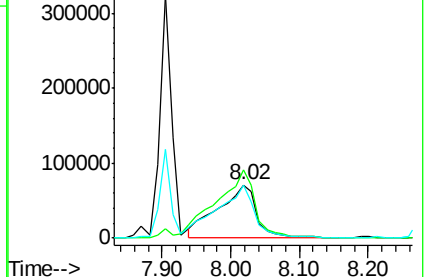
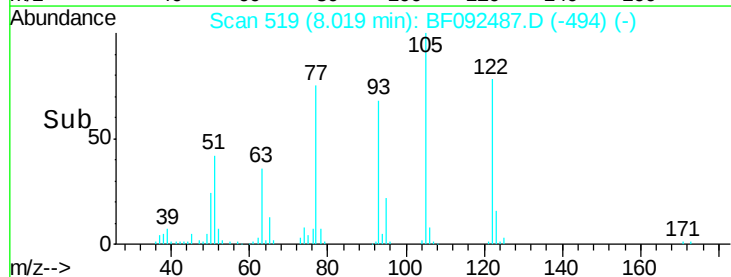
77 98.8 74.5 114.5

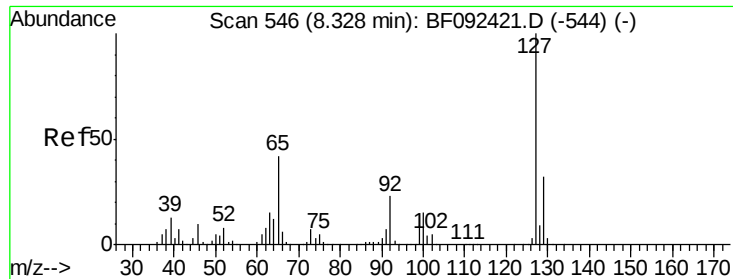


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

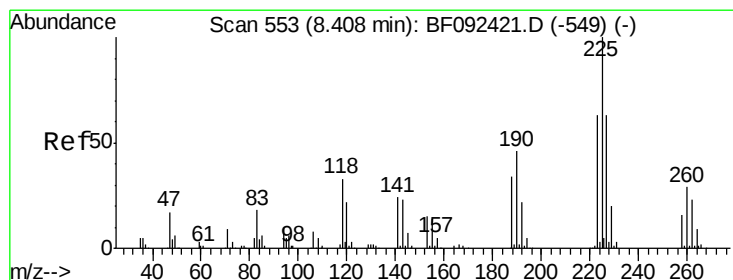
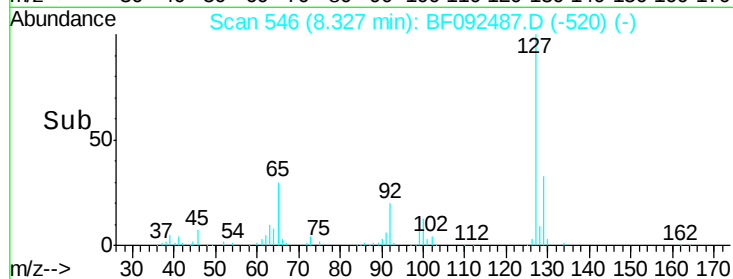
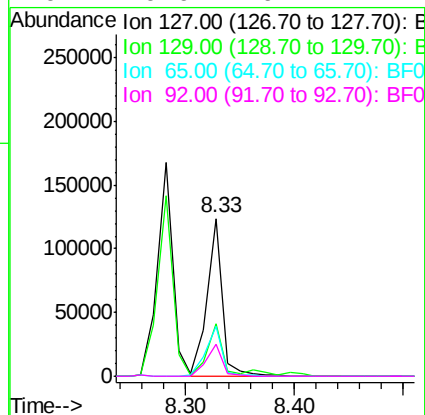
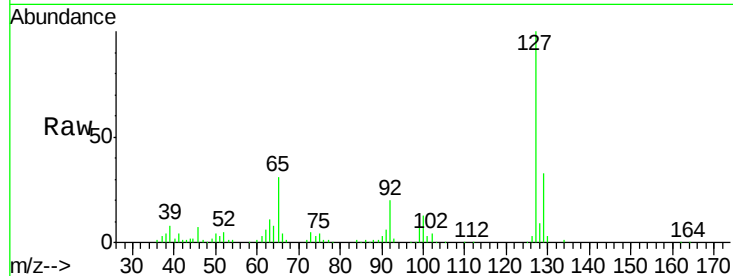




#33
4-Chloroaniline
Concen: 8.88 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

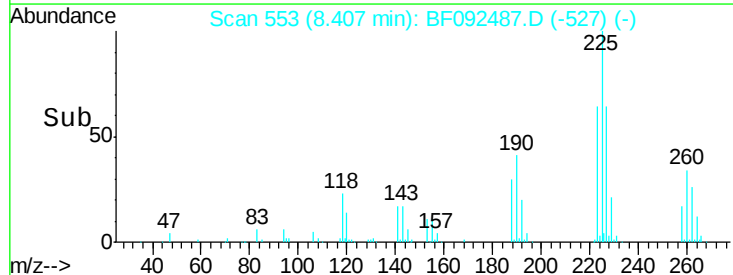
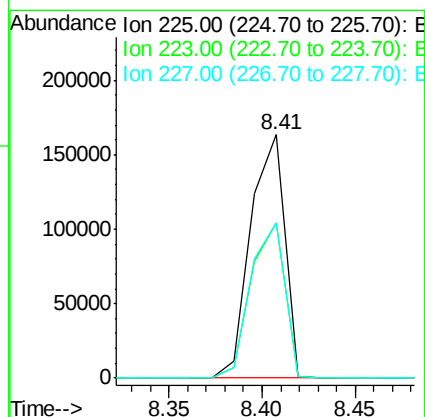
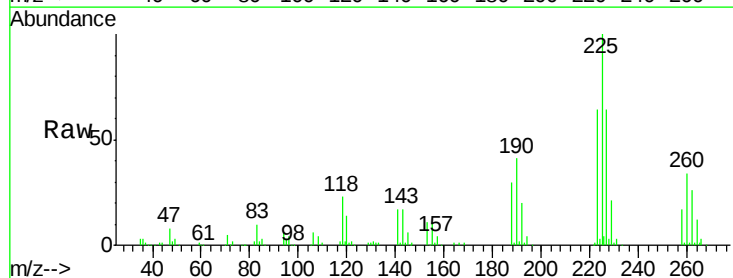
Instrument :
BNA_F
ClientSampleId :

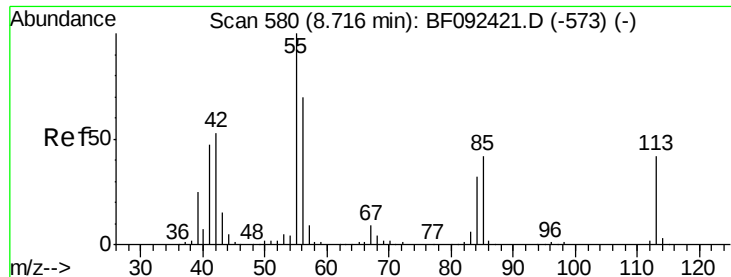
Tot Ion:127	Resp:	122902
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.3 39.5
65	31.3	25.8 38.8
92	19.9	16.1 24.1



#34
Hexachlorobutadiene
Concen: 37.59 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:225	Resp:	205857
Ion Ratio	Lower	Upper
225	100	
223	63.9	51.0 76.6
227	64.0	50.6 76.0

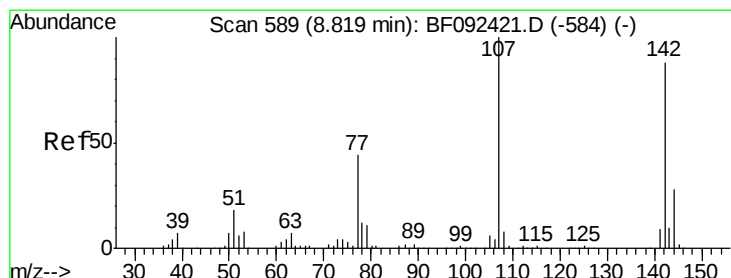
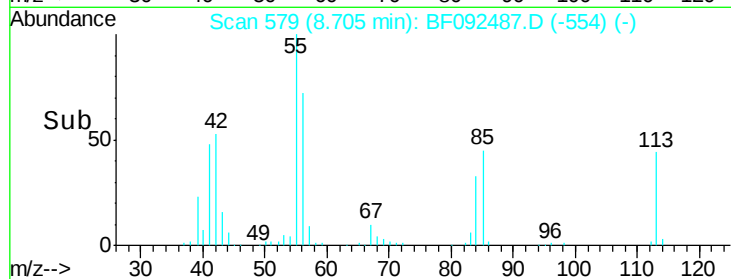
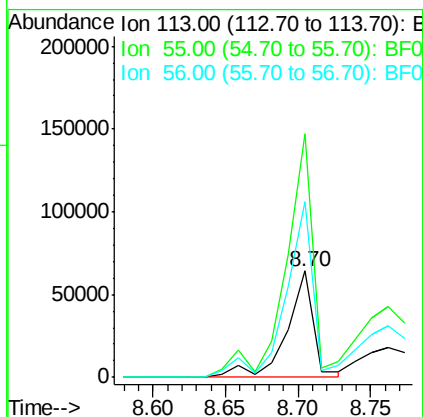
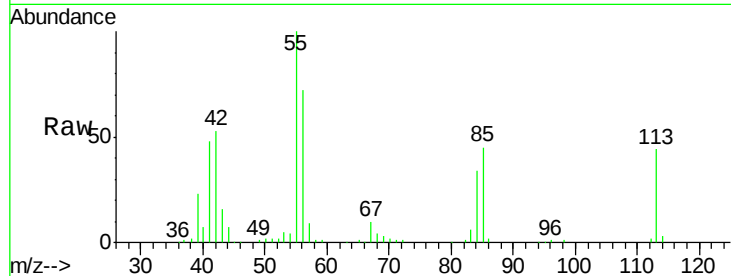




#35
 Caprolactam
 Concen: 26.44 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

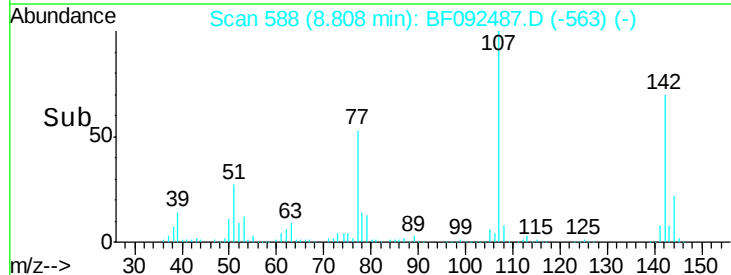
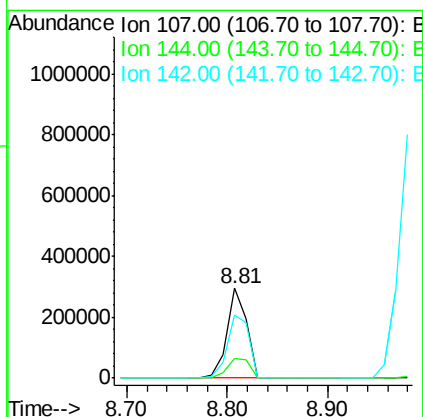
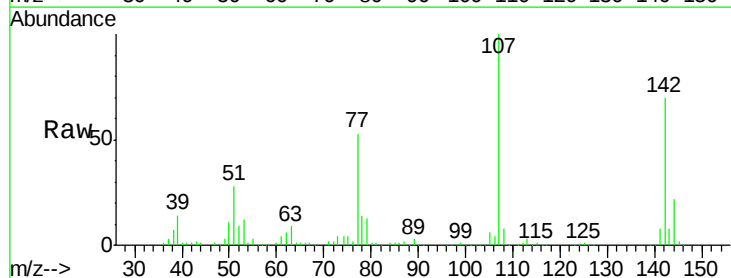
Instrument :
 BNA_F
 ClientSampleId :

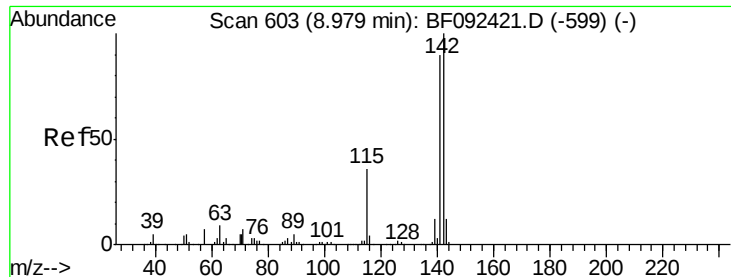
Tot Ion:113 Resp: 81812
 Ion Ratio Lower Upper
 113 100
 55 228.7 119.2 159.2#
 56 165.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.07 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:107 Resp: 400345
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.3 28.9
 142 70.1 59.0 88.6

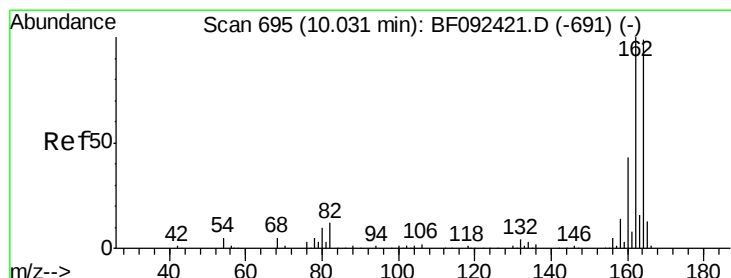
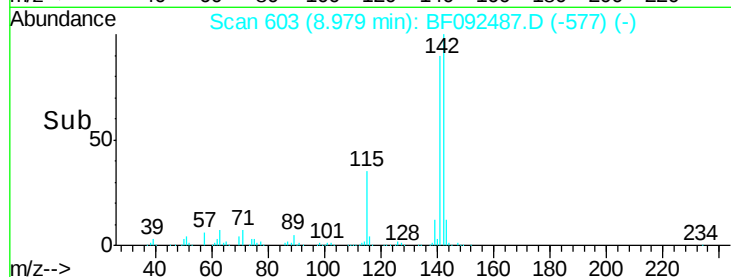
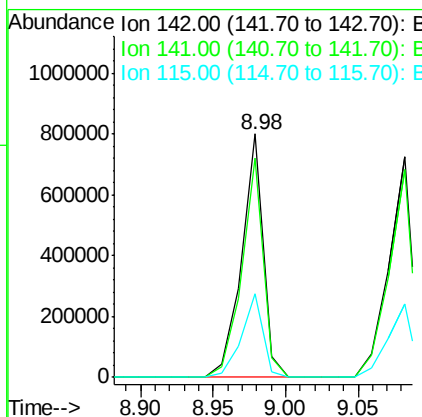
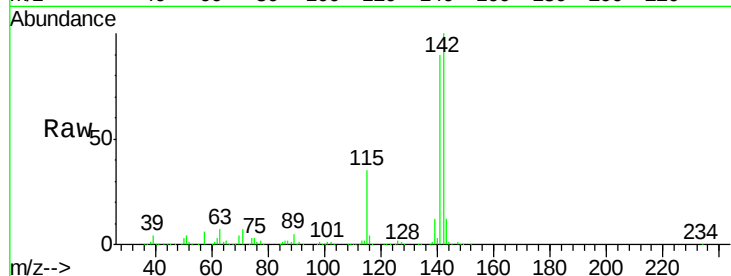




#37
2-Methylnaphthalene
Concen: 39.91 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

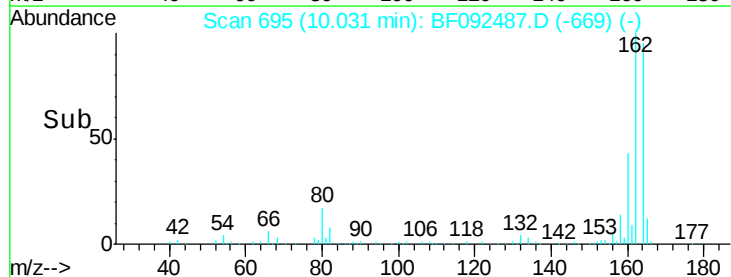
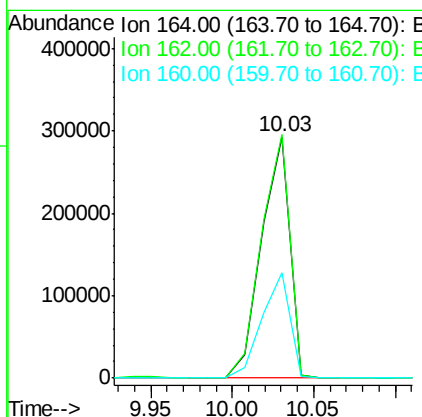
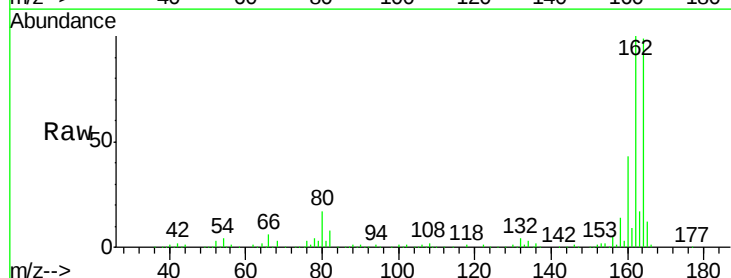
Instrument :
BNA_F
ClientSampleId :

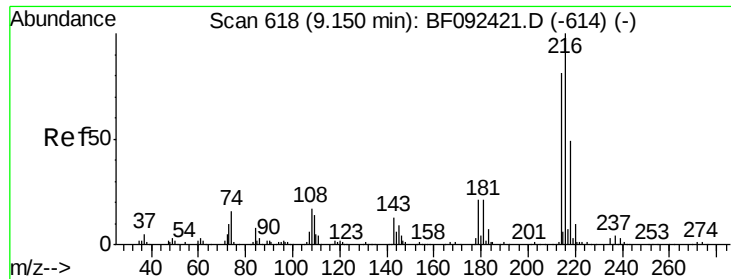
Tot Ion:142 Resp: 826707
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 34.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:164 Resp: 353760
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 43.5 36.9 55.3

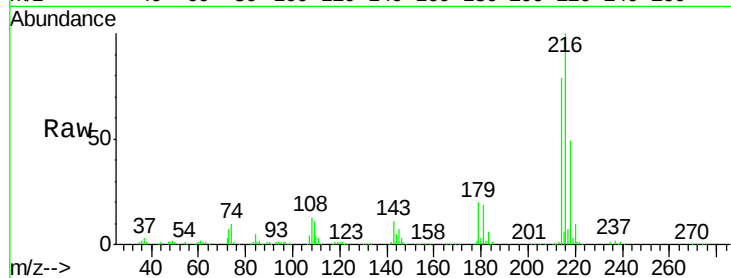




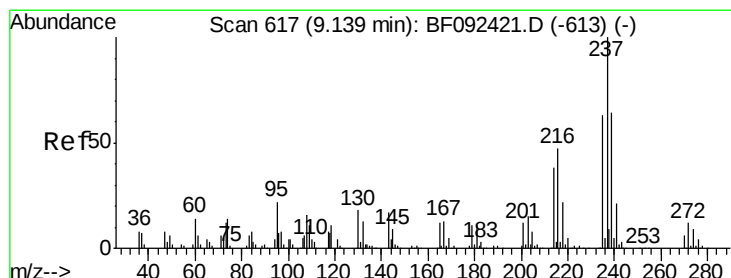
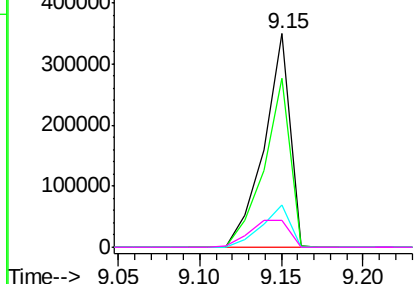
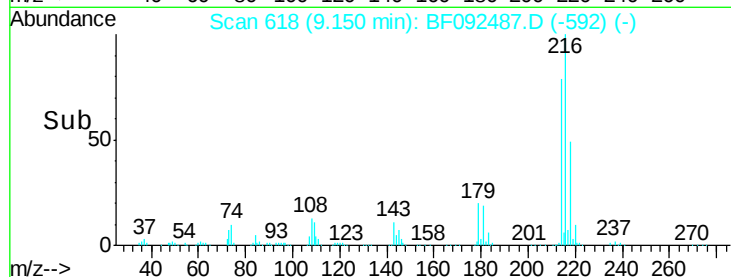
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.35 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	386877
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.4 95.0
179	21.4	17.4 26.2
108	19.8	15.6 23.4

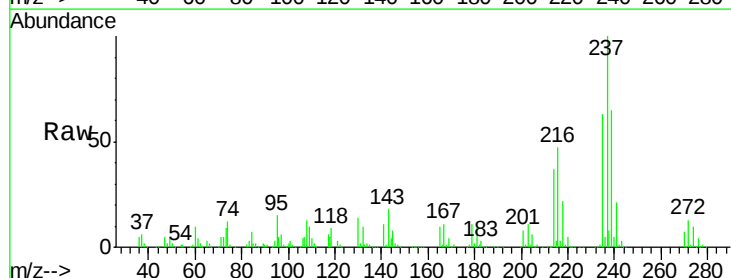


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

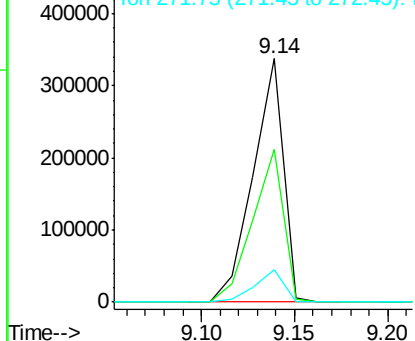
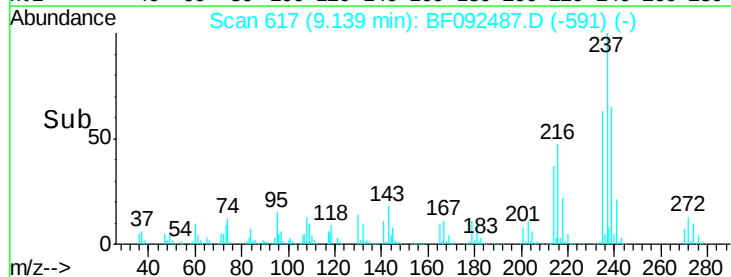


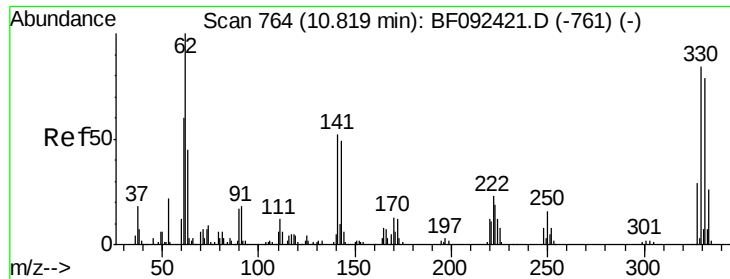
#40
 Hexachlorocyclopentadiene
 Concen: 84.92 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:237	Resp:	379512
Ion Ratio	Lower	Upper
237	100	
235	62.8	41.2 81.2
272	13.1	0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

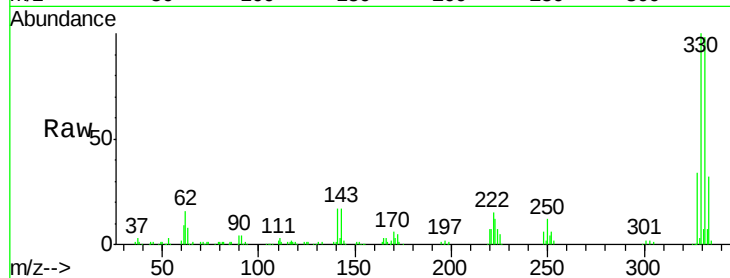




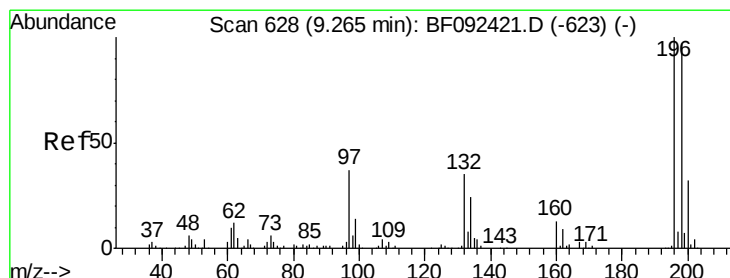
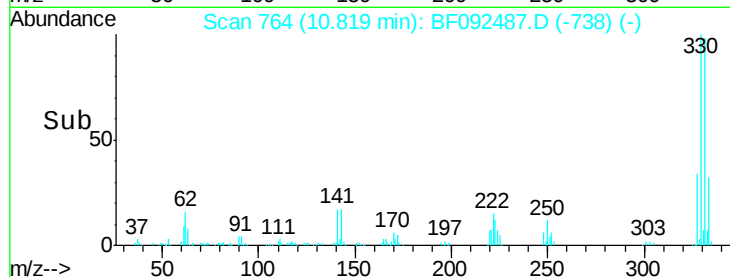
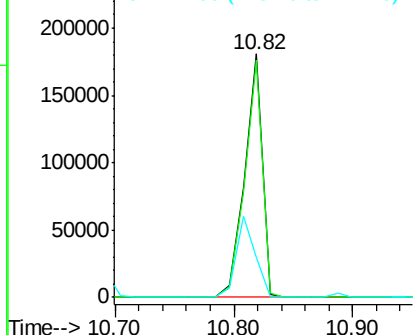
#41
 2,4,6-Tribromophenol
 Concen: 77.94 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	36.2	34.1	51.1

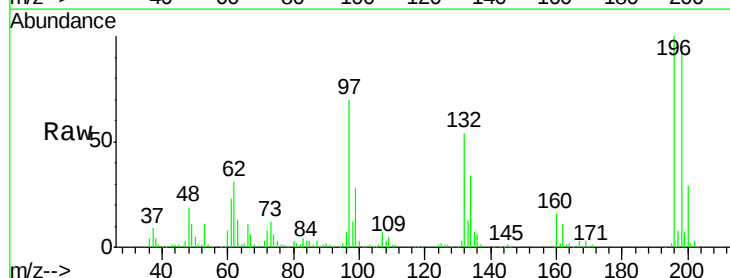


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

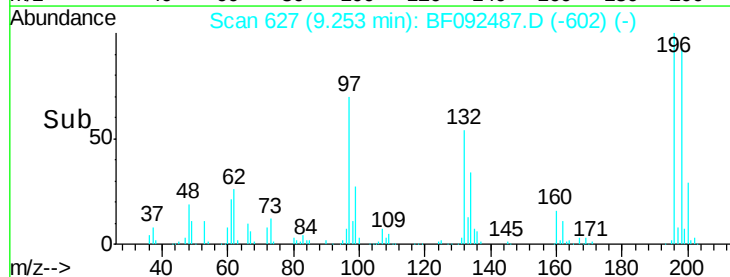
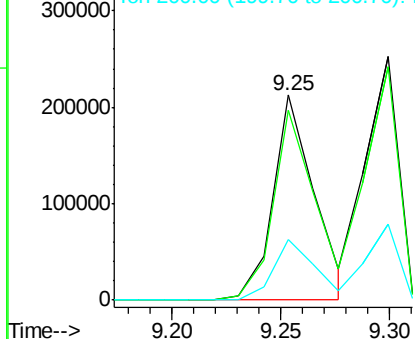


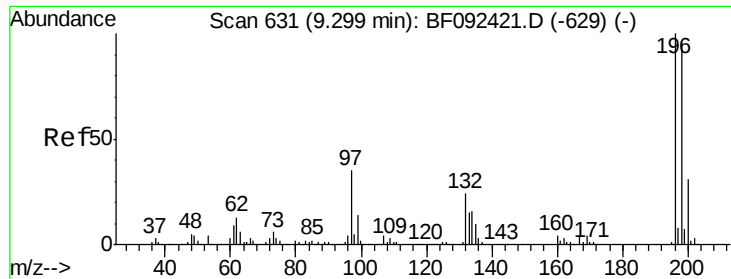
#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.8	82.1	123.1
200	29.5	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

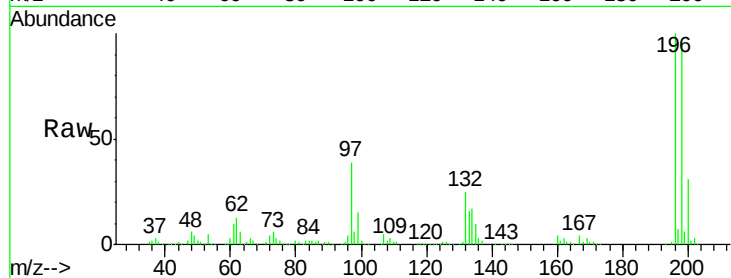




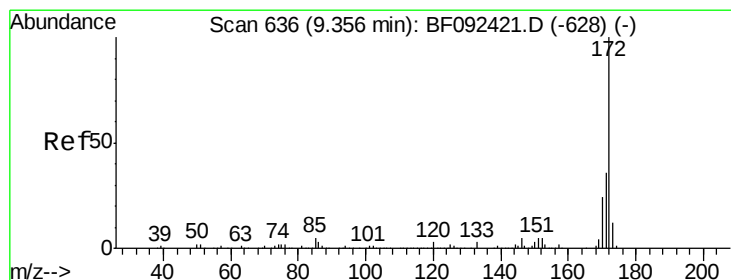
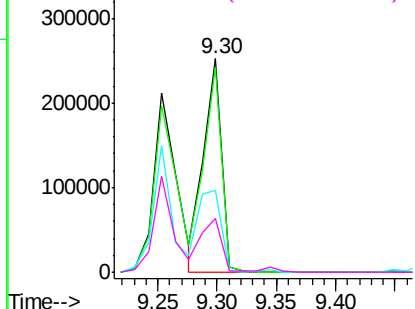
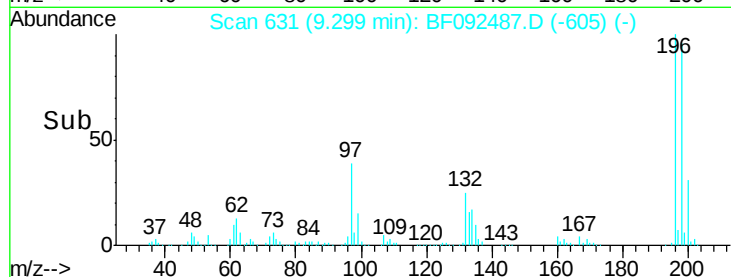
#43
 2,4,5-Trichlorophenol
 Concen: 43.01 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.2
97	38.6	51.5	77.3#
132	25.3	27.4	41.2#

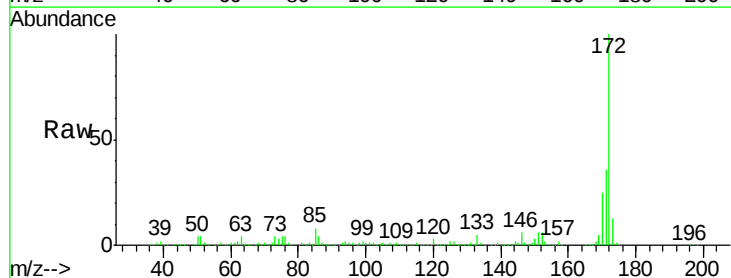


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

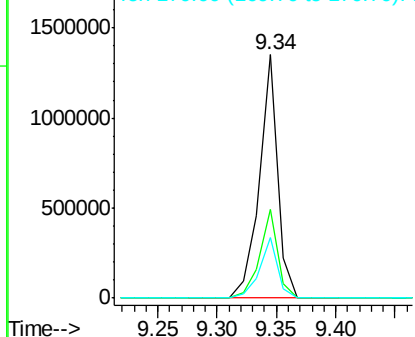
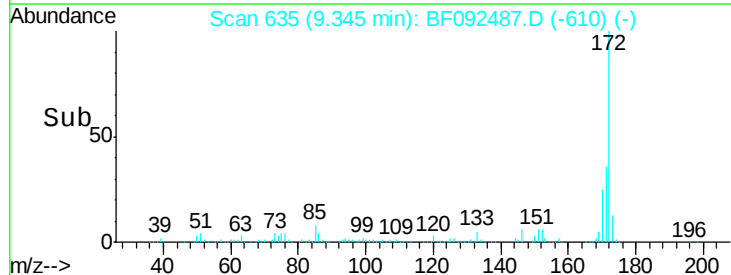


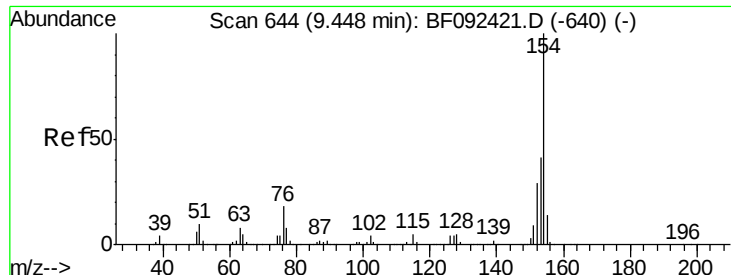
#44
 2-Fluorobiphenyl
 Concen: 76.54 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 40.85 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampled :

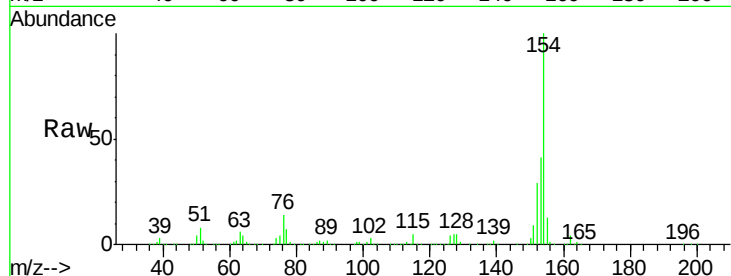
Tot Ion:154 Resp: 1044745

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

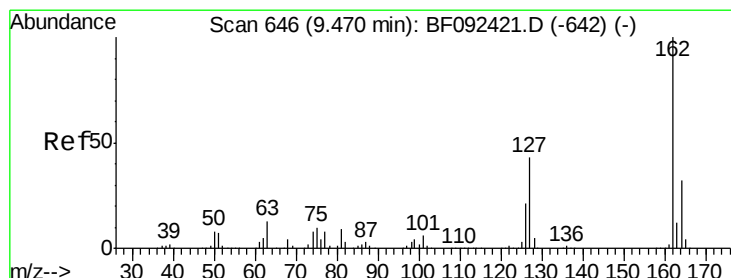
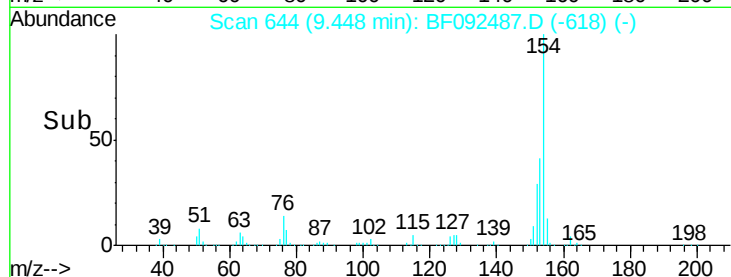
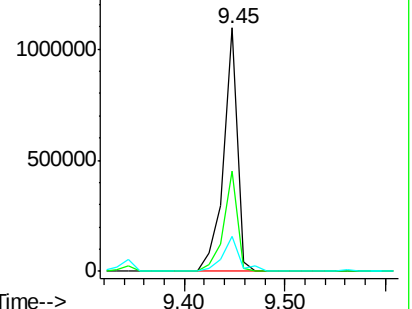
76 14.3 0.0 30.5



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: 37.45 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

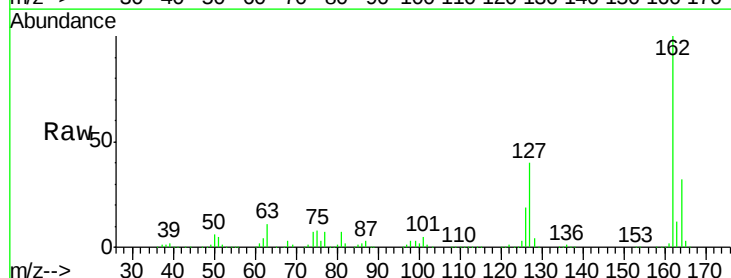
Tgt Ion:162 Resp: 782135

Ion Ratio Lower Upper

162 100

127 40.5 30.7 46.1

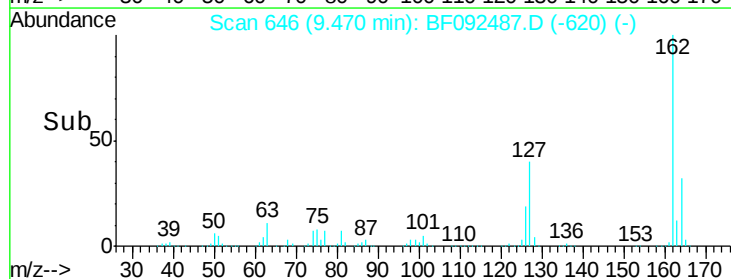
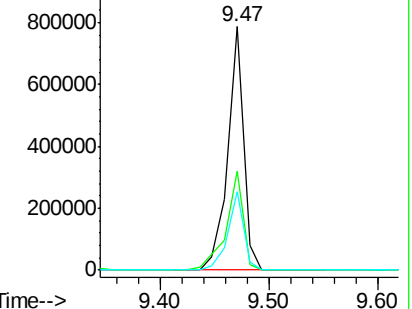
164 32.5 27.6 41.4

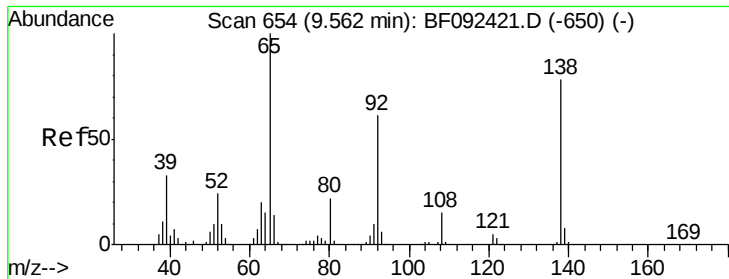


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.14 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

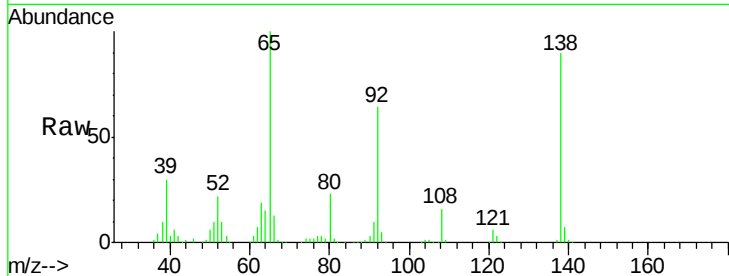
Tot Ion: 65 Resp: 261195

Ion Ratio Lower Upper

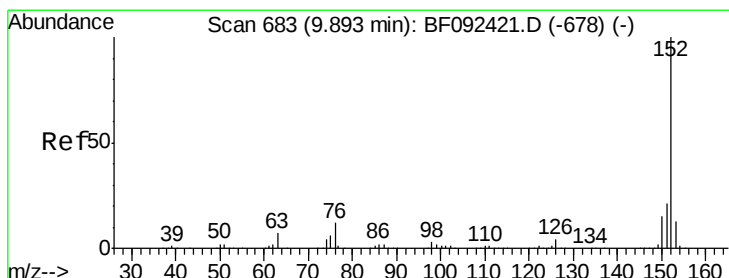
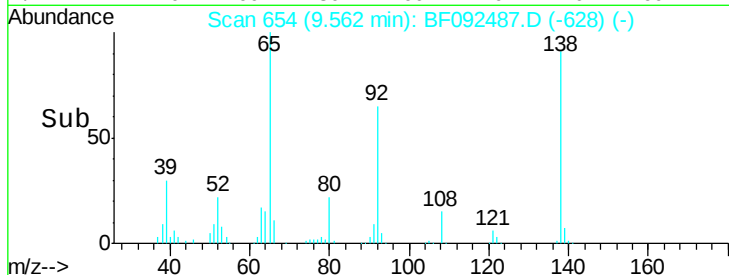
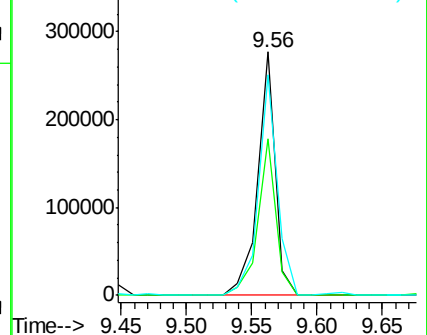
65 100

92 64.4 53.9 80.9

138 90.4 76.8 115.2



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



#48

Acenaphthylene

Concen: 42.48 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

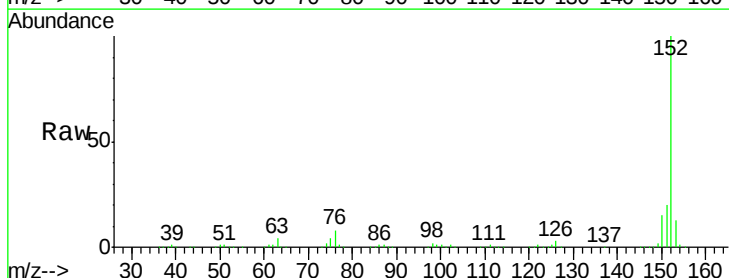
Tgt Ion: 152 Resp: 1301469

Ion Ratio Lower Upper

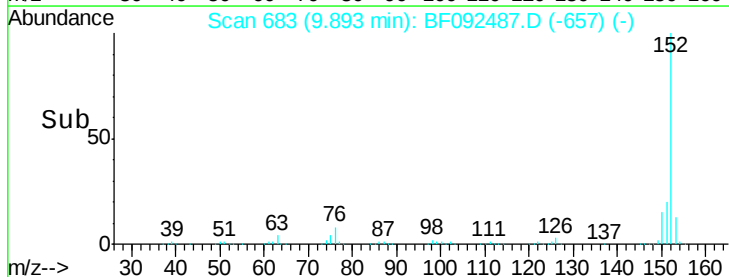
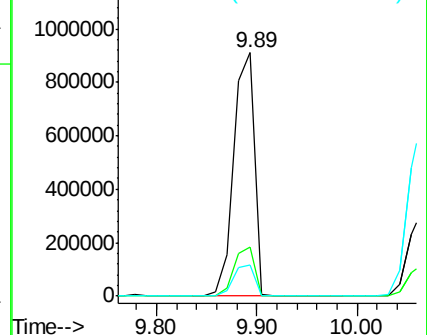
152 100

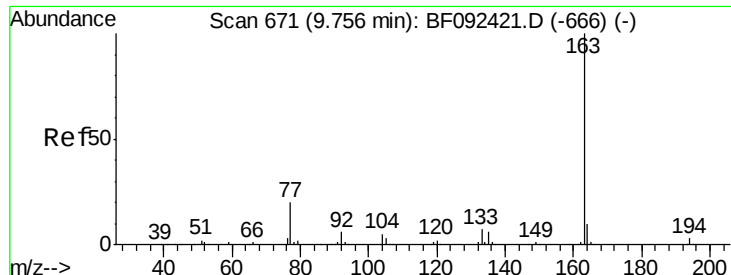
151 20.4 16.9 25.3

153 13.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BF0
Ion 151.00 (150.70 to 151.70): BF0
Ion 153.00 (152.70 to 153.70): BF0

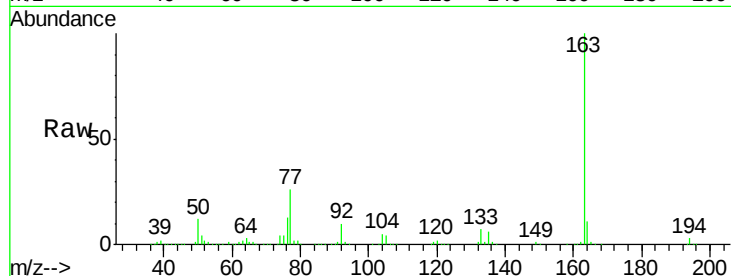




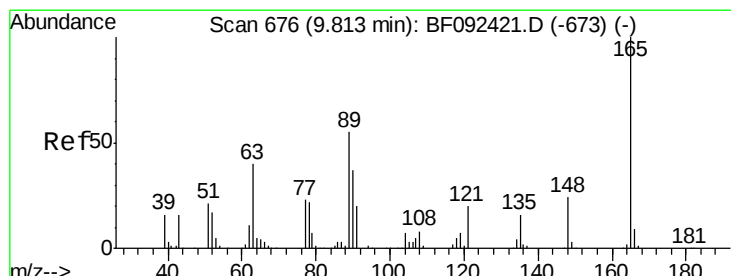
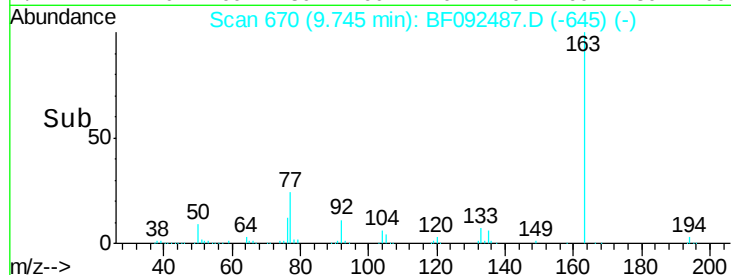
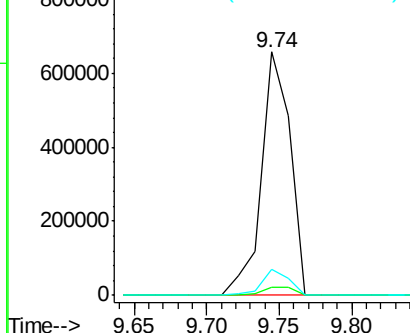
#49
Dimethylphthalate
Concen: 40.21 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 904610
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.9 8.0 12.0

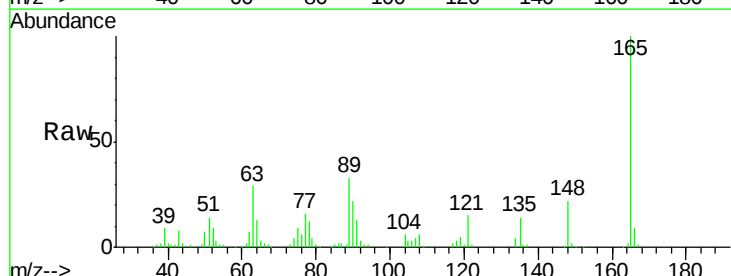


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

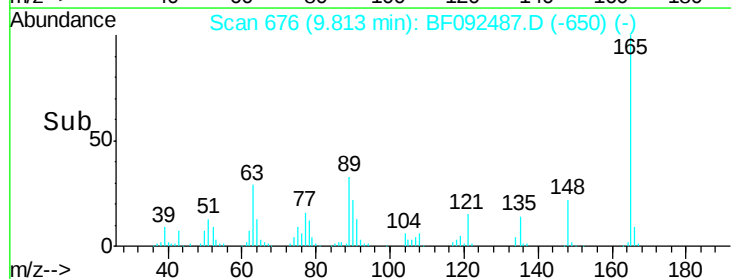
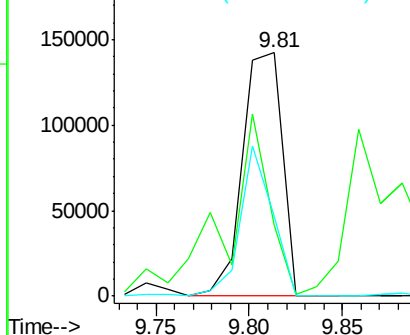


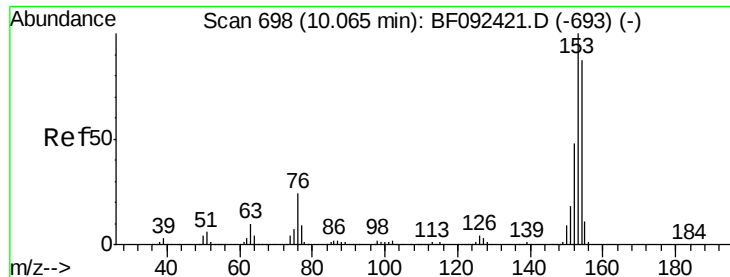
#50
2,6-Dinitrotoluene
Concen: 45.55 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:165 Resp: 209439
Ion Ratio Lower Upper
165 100
63 28.9 36.2 54.4#
89 32.9 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: 44.92 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

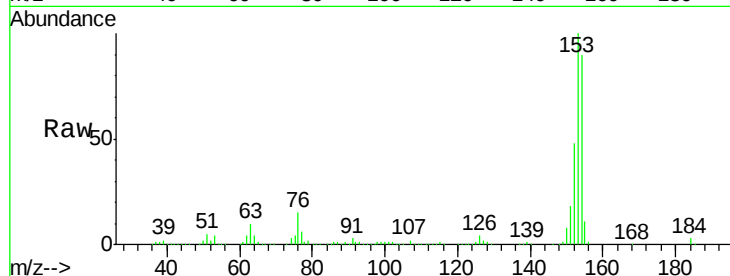
Tot Ion:154 Resp: 855073

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

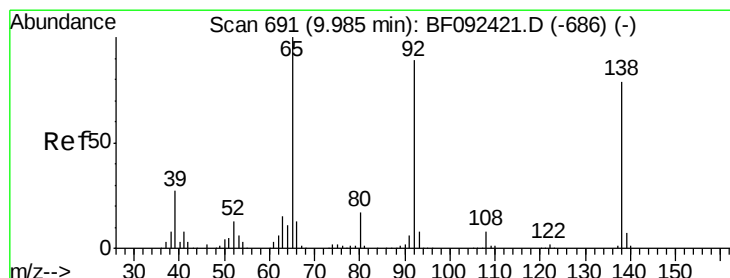
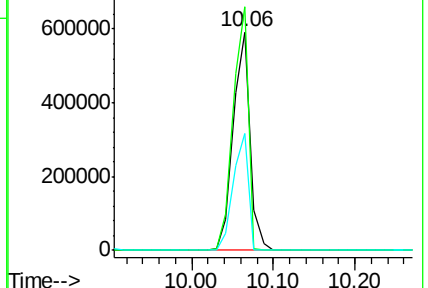
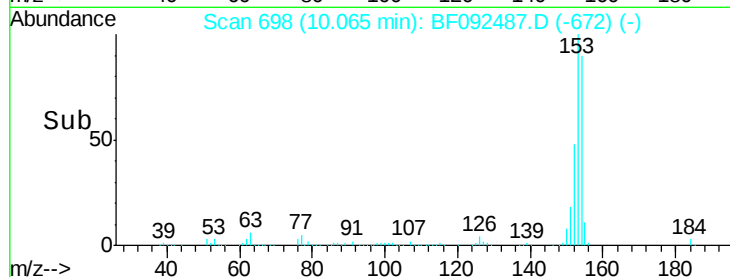
152 53.7 41.6 62.4



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: 15.12 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

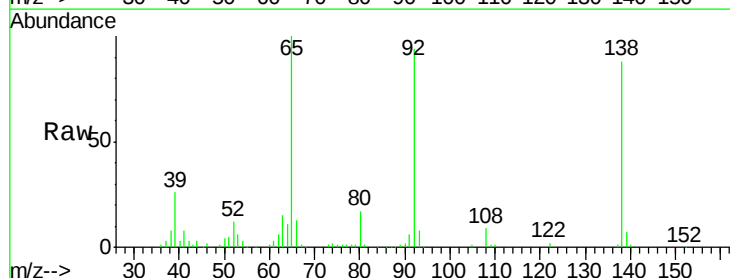
Tgt Ion:138 Resp: 87085

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

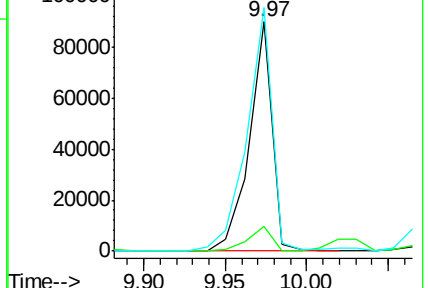
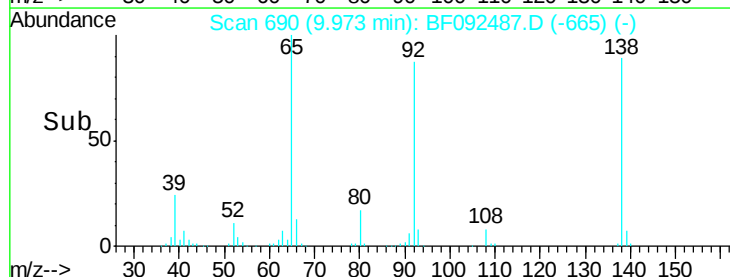
92 106.3 97.8 146.8

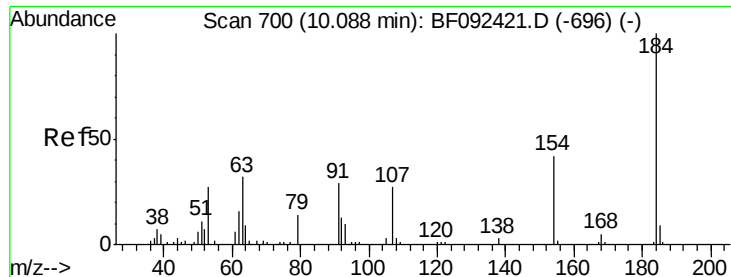


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

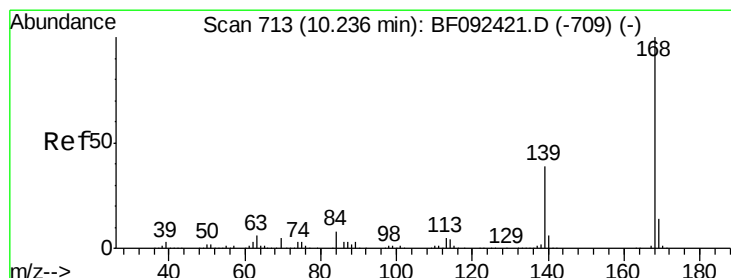
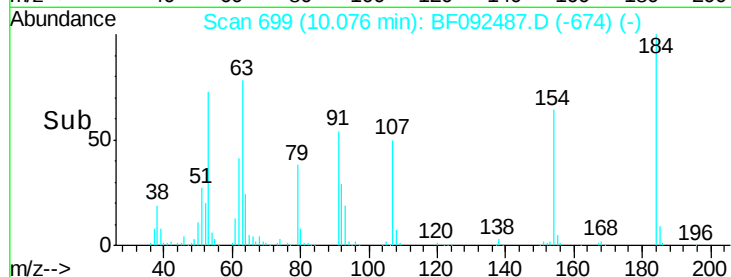
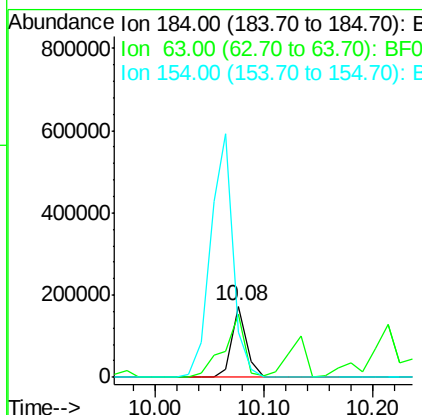
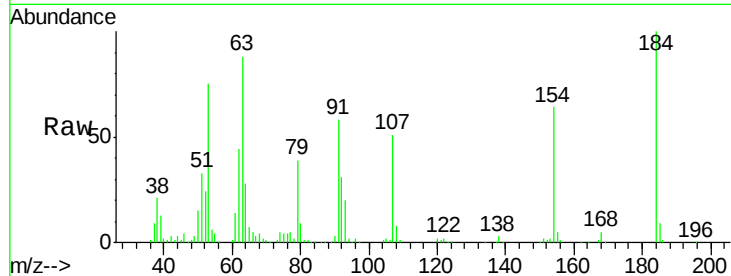




#53
 2,4-Dinitrophenol
 Concen: 62.44 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

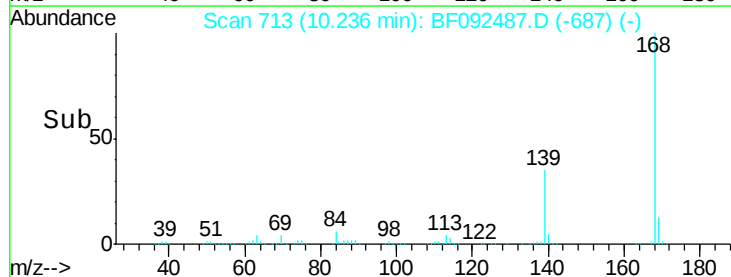
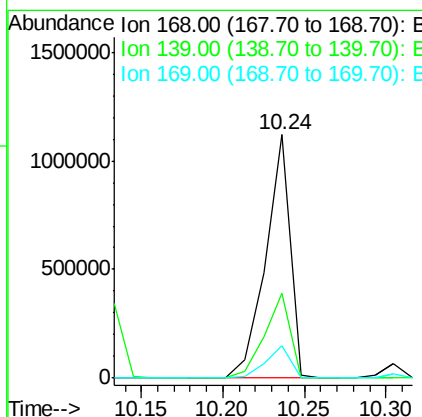
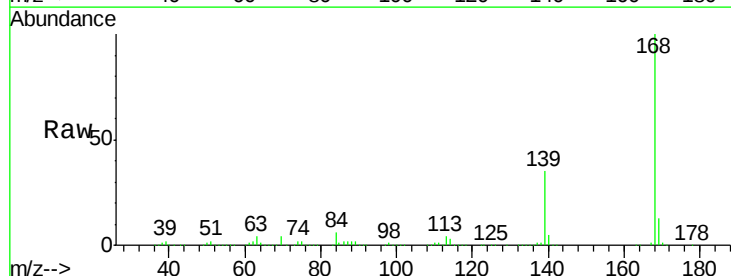
Instrument :
 BNA_F
 ClientSampleId :

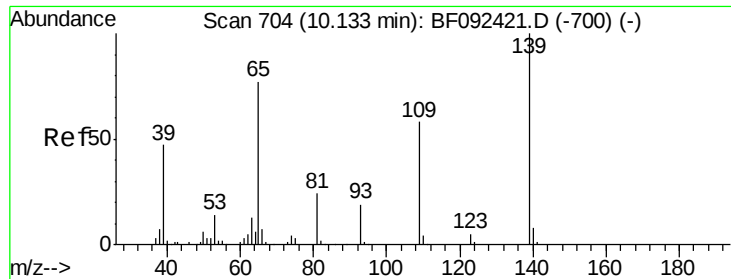
Tot Ion:184 Resp: 163922
 Ion Ratio Lower Upper
 184 100
 63 88.2 28.4 42.6#
 154 63.5 44.3 66.5



#54
 Dibenzofuran
 Concen: 45.25 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:168 Resp: 1169648
 Ion Ratio Lower Upper
 168 100
 139 35.0 32.6 49.0
 169 13.3 11.3 16.9

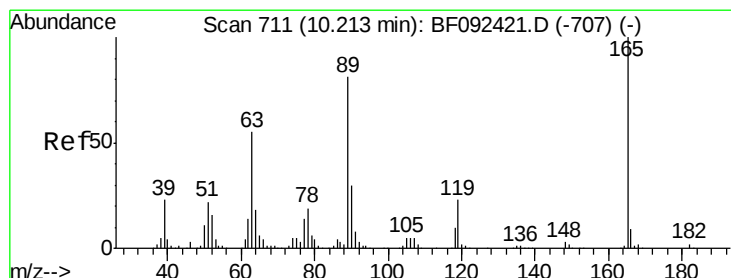
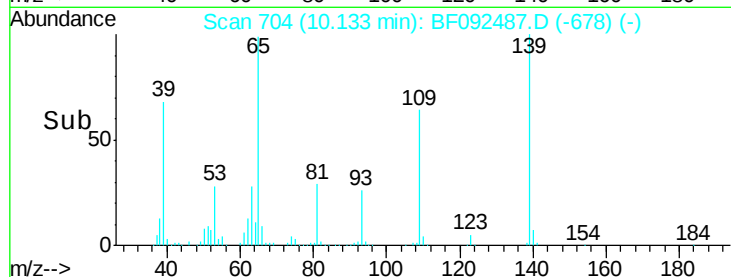
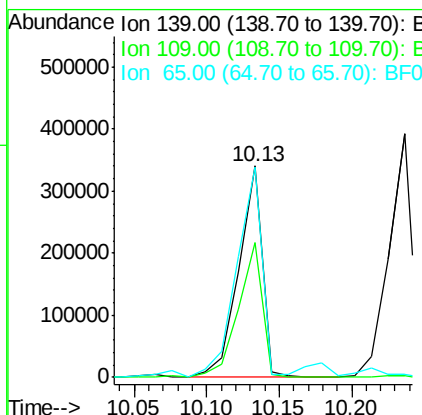
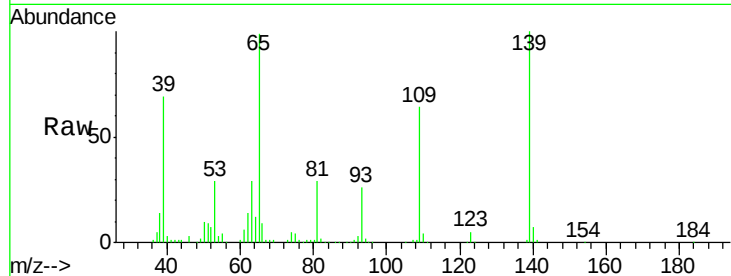




#55
4-Nitrophenol
Concen: 84.17 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

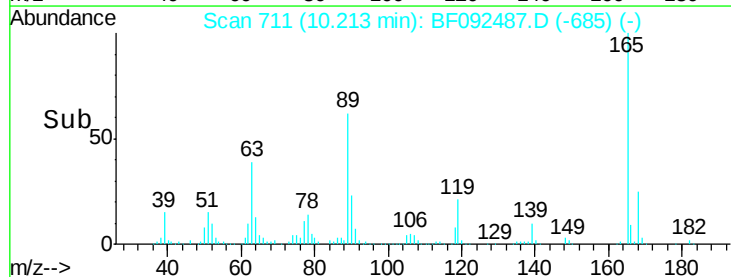
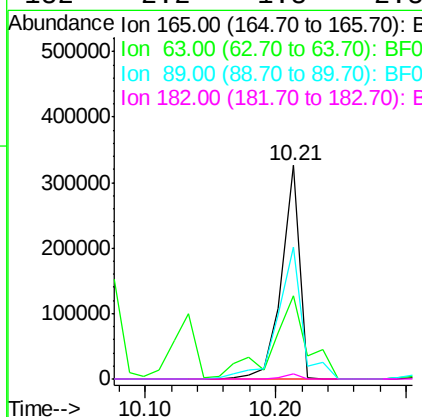
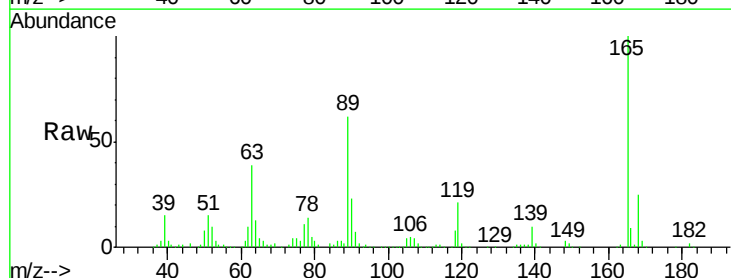
Instrument :
BNA_F
ClientSampleId :

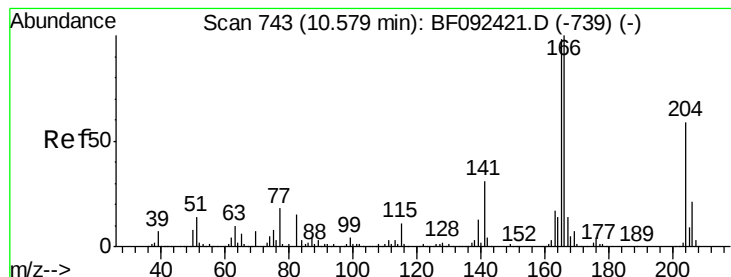
Tot Ion:139 Resp: 384941
Ion Ratio Lower Upper
139 100
109 64.0 52.2 92.2
65 99.3 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 51.50 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:165 Resp: 314326
Ion Ratio Lower Upper
165 100
63 39.2 40.2 60.4#
89 62.0 62.5 93.7#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 44.82 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

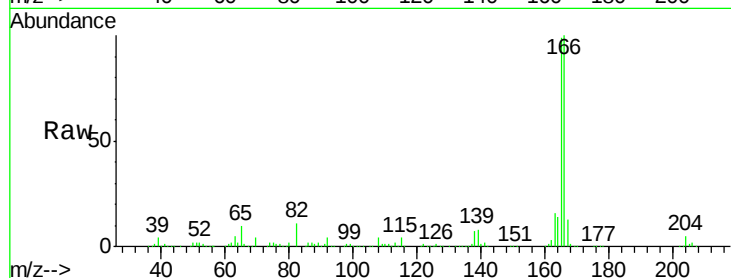
Tot Ion:166 Resp: 859102

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

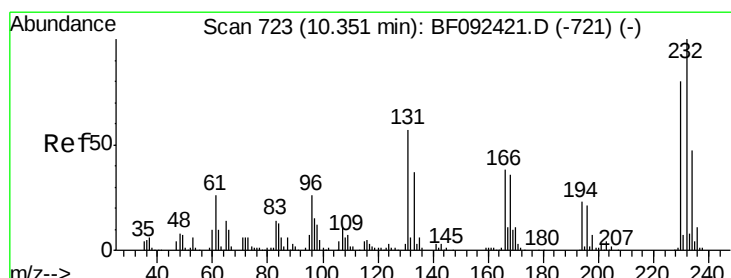
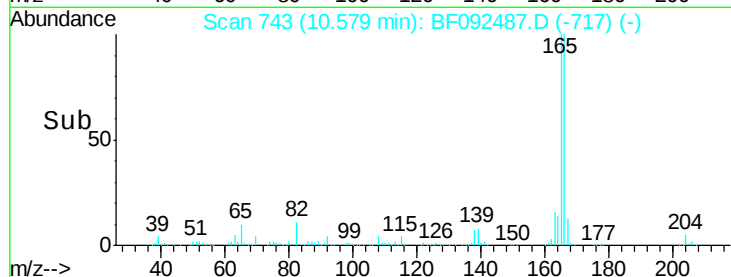
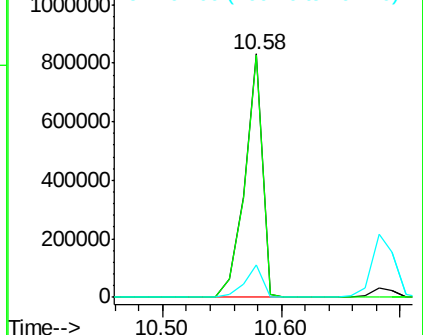
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.77 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Tgt Ion:232 Resp: 228575

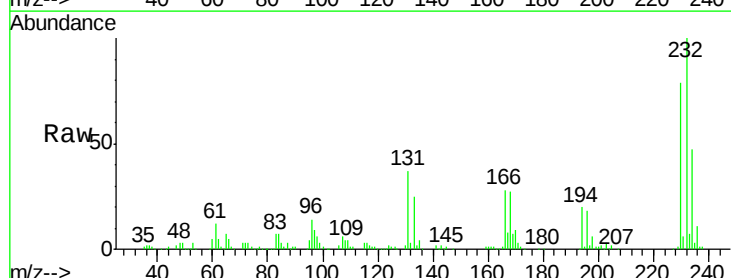
Ion Ratio Lower Upper

232 100

131 46.2 40.1 60.1

130 2.0 1.8 2.8

166 30.9 26.6 39.8

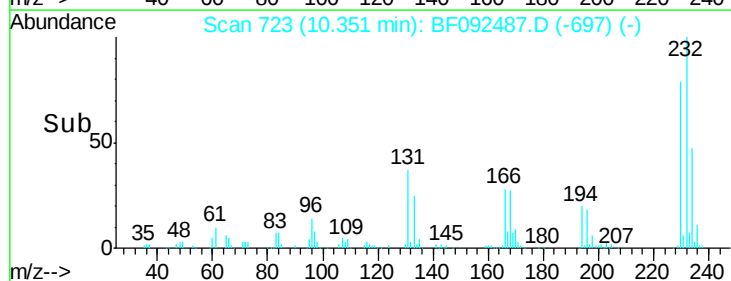
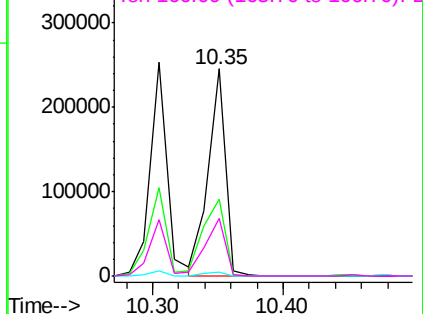


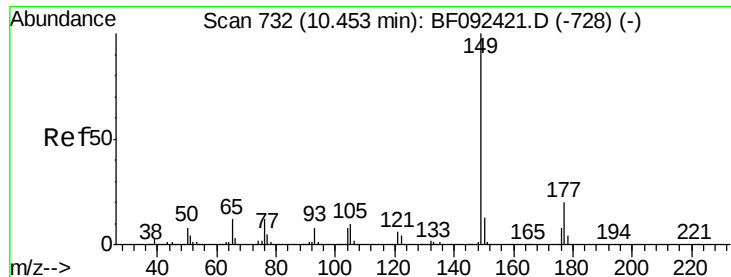
Abundance Ion 232.00 (231.70 to 232.70): E

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

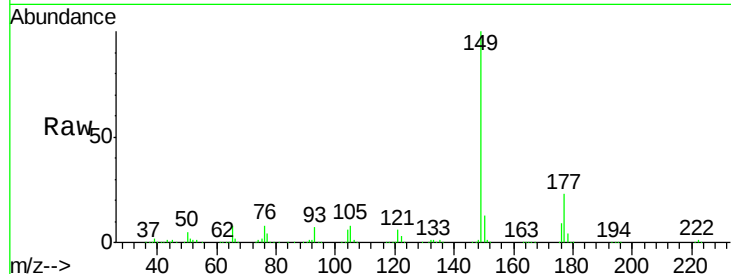




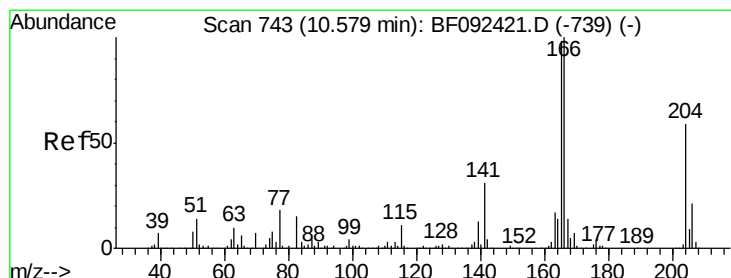
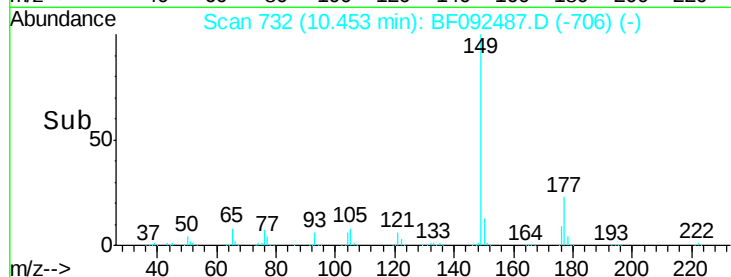
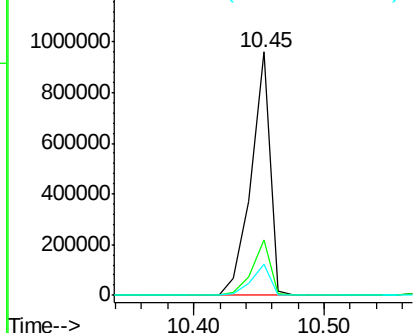
#59
Diethylphthalate
Concen: 45.08 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 972377
Ion Ratio Lower Upper
149 100
177 22.6 16.6 25.0
150 12.6 10.4 15.6

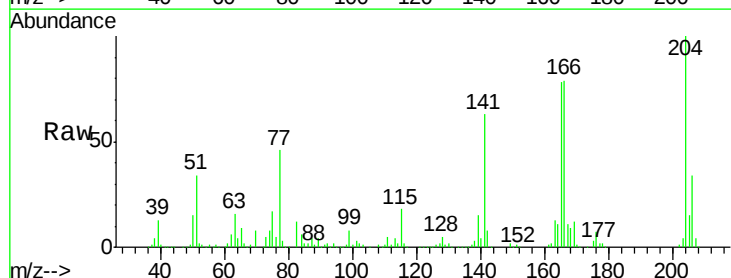


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

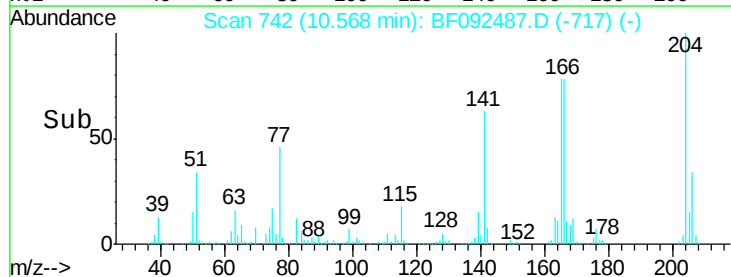
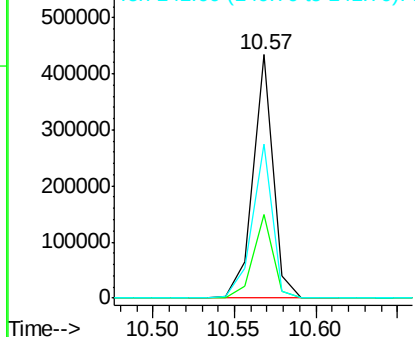


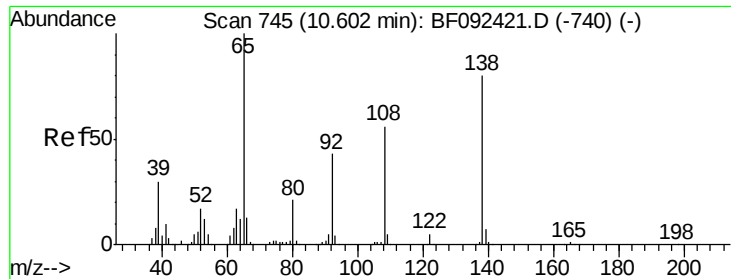
#60
4-Chlorophenyl-phenylether
Concen: 39.98 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:204 Resp: 371615
Ion Ratio Lower Upper
204 100
206 34.3 25.8 38.6
141 63.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

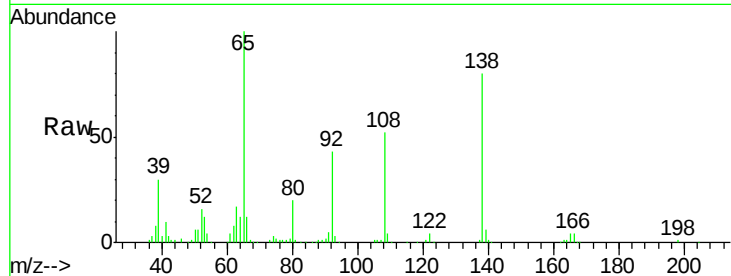




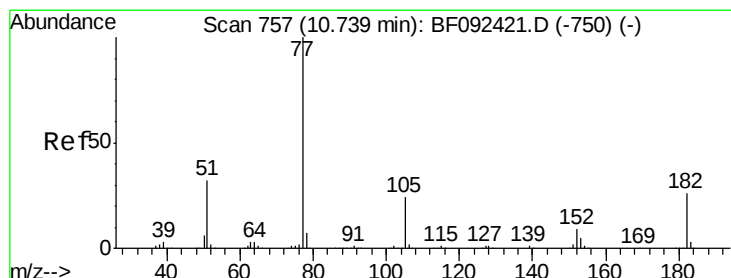
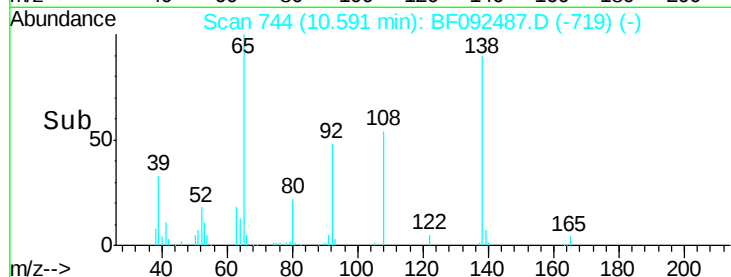
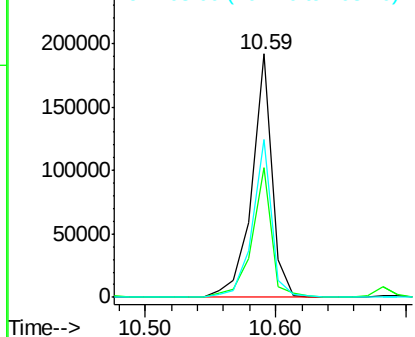
#61
4-Nitroaniline
Concen: 35.86 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 206555
Ion Ratio Lower Upper
138 100
92 53.1 31.7 71.7
108 64.8 52.6 92.6

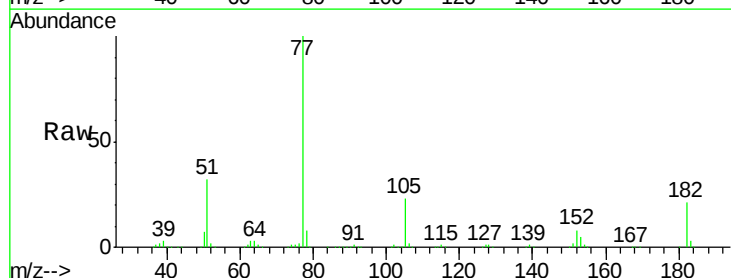


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

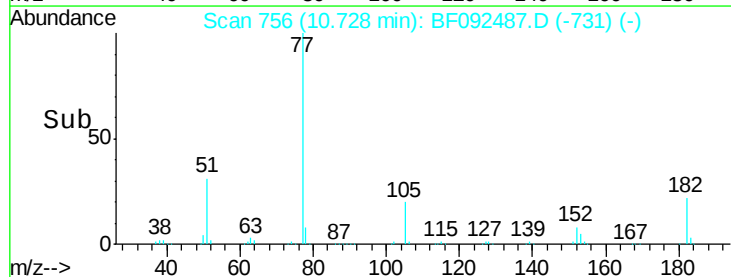
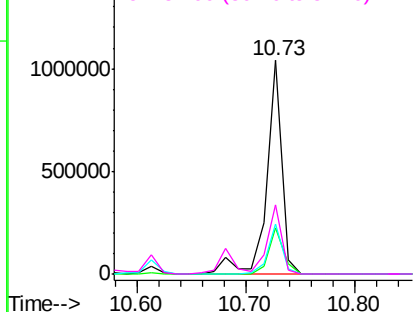


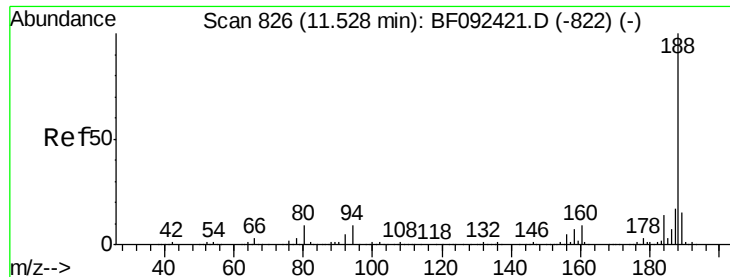
#62
Azobenzene
Concen: 42.37 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion: 77 Resp: 1040176
Ion Ratio Lower Upper
77 100
182 21.5 0.0 39.3
105 23.2 2.3 42.3
51 32.3 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

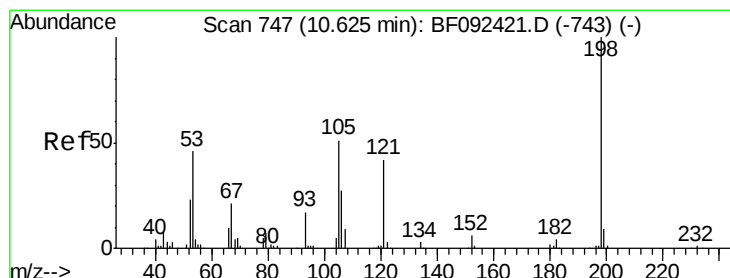
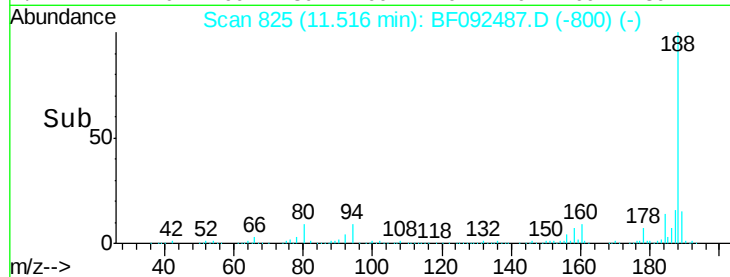
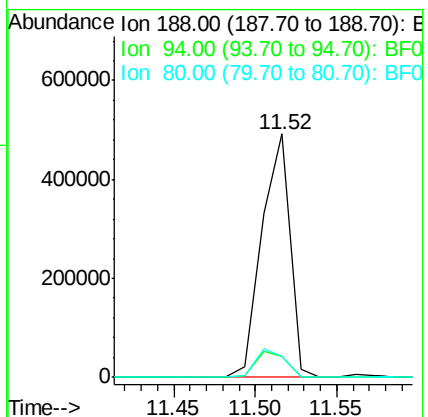
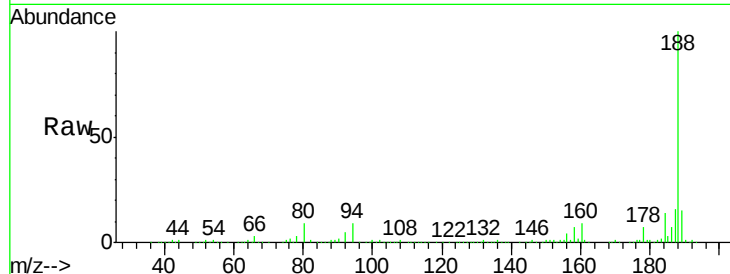




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

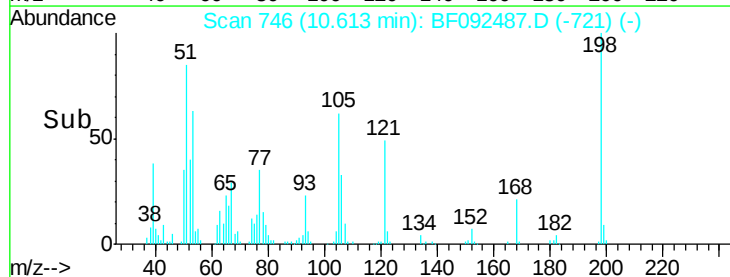
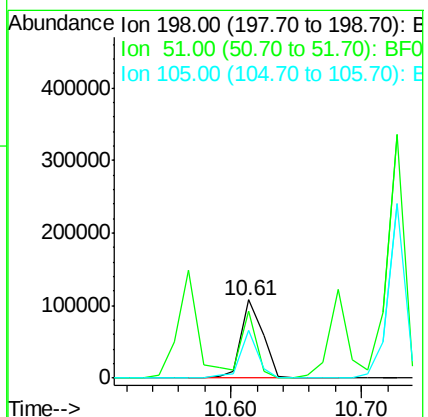
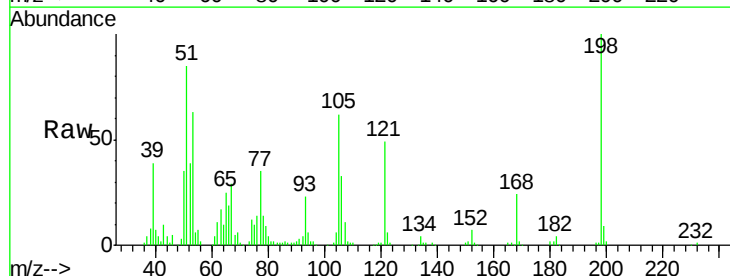
Instrument :
 BNA_F
 ClientSampleId :

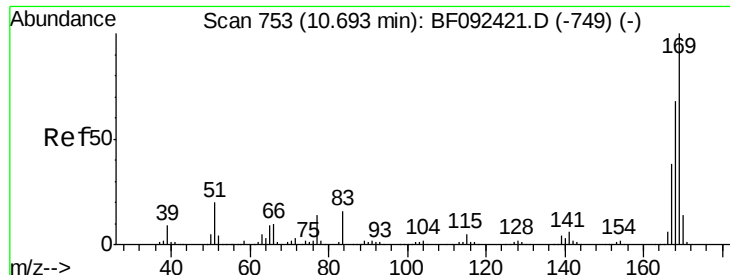
Tot Ion:188 Resp: 591562
 Ion Ratio Lower Upper
 188 100
 94 8.6 10.0 15.0#
 80 8.8 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.69 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:198 Resp: 123472
 Ion Ratio Lower Upper
 198 100
 51 85.1 6.7 46.7#
 105 61.6 16.6 56.6#

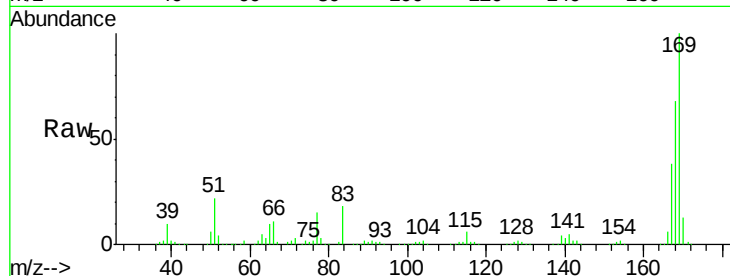




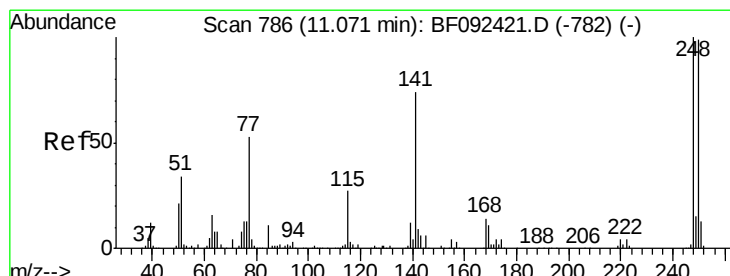
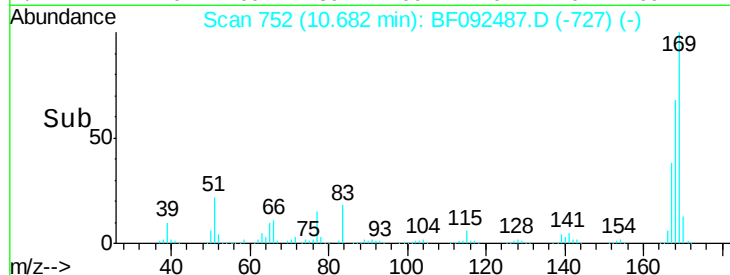
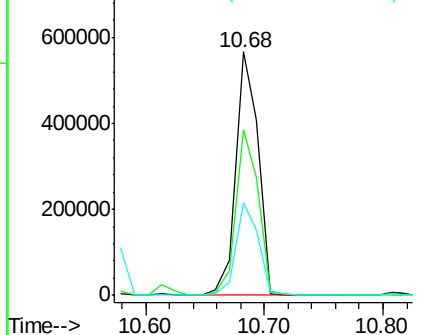
#65
n-Nitrosodiphenylamine
Concen: 39.90 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 737083
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 37.9 30.2 45.4

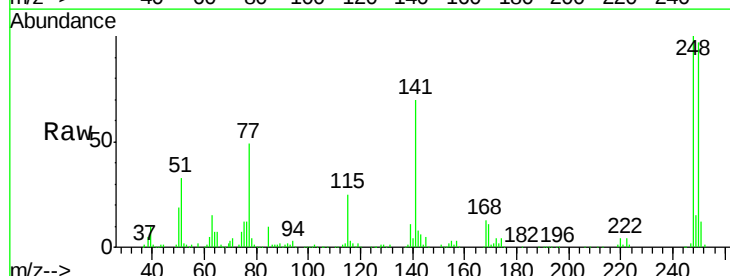


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

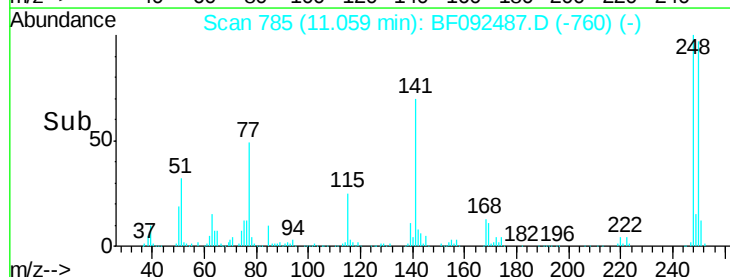
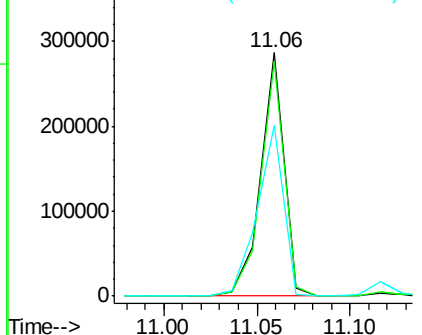


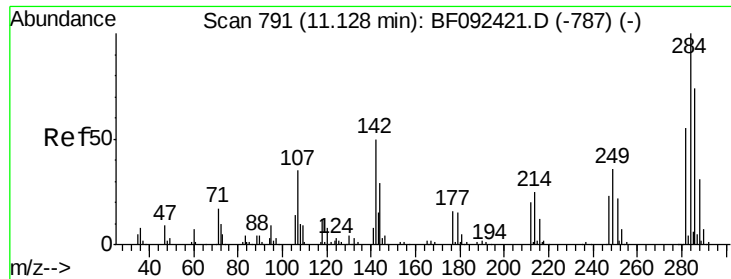
#66
4-Bromophenyl-phenylether
Concen: 41.20 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:248 Resp: 246062
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 69.9 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

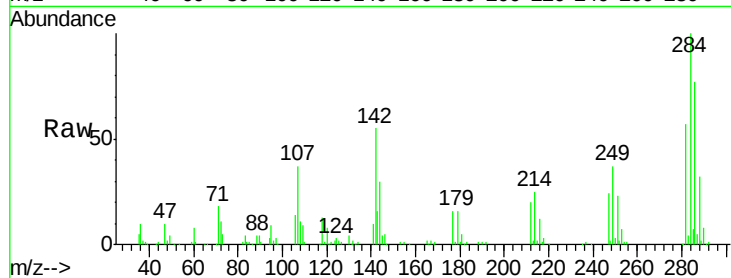




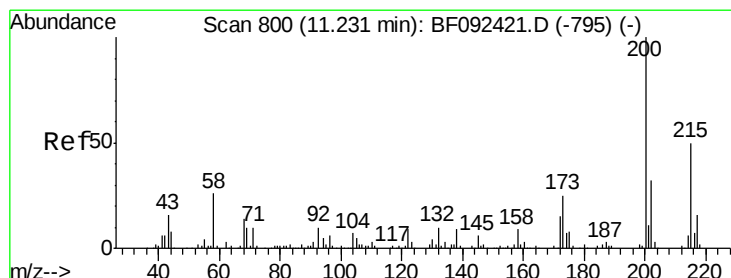
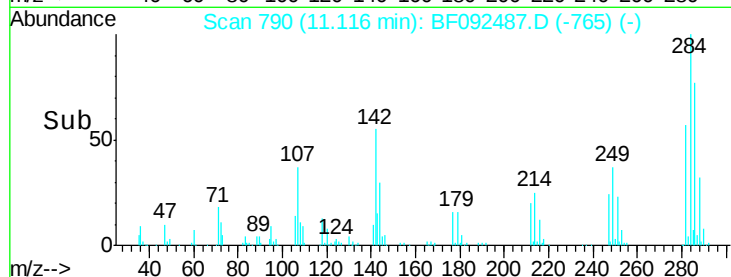
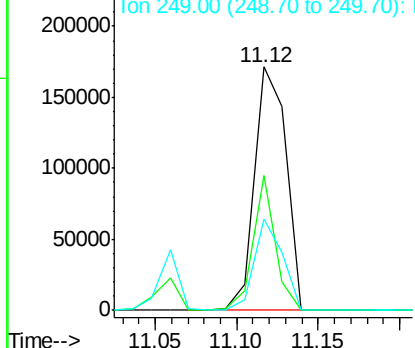
#67
Hexachlorobenzene
Concen: 38.07 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 229827
Ion Ratio Lower Upper
284 100
142 55.2 22.6 33.8#
249 37.2 25.4 38.0

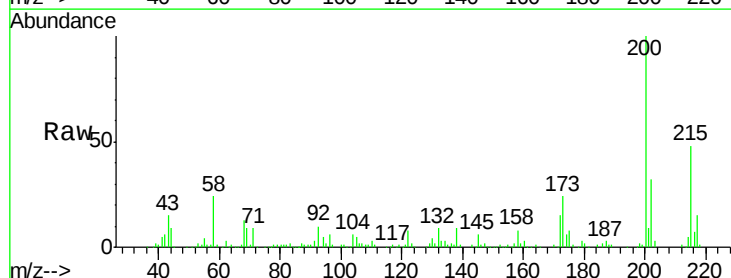


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

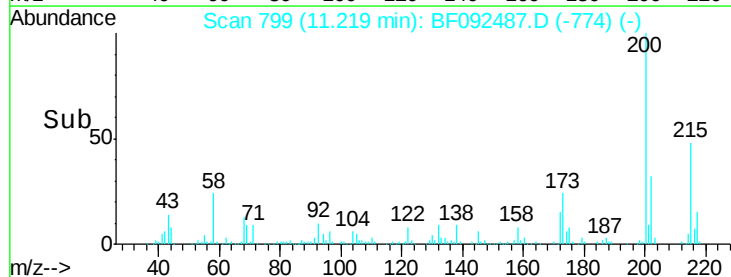
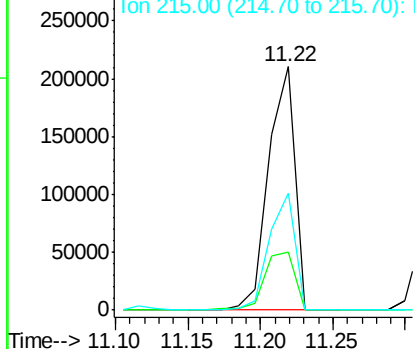


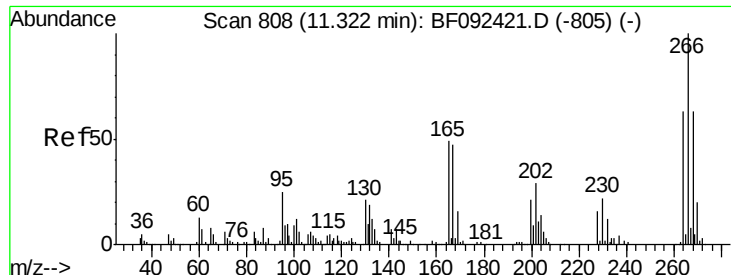
#68
Atrazine
Concen: 41.82 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:200 Resp: 264459
Ion Ratio Lower Upper
200 100
173 23.7 9.6 49.6
215 48.0 25.7 65.7



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

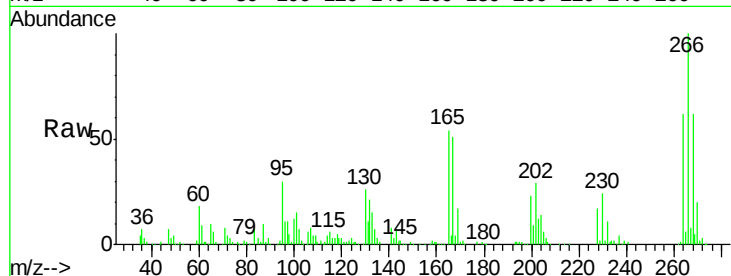




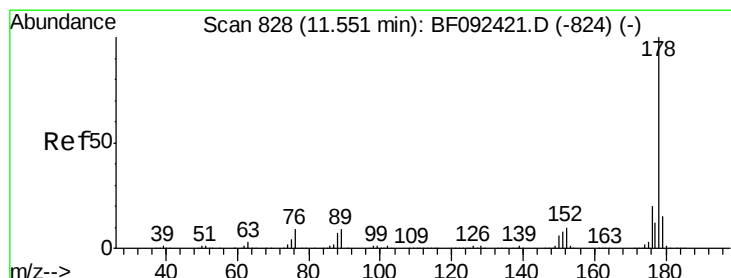
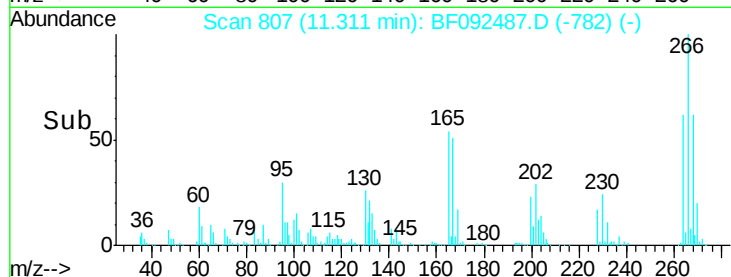
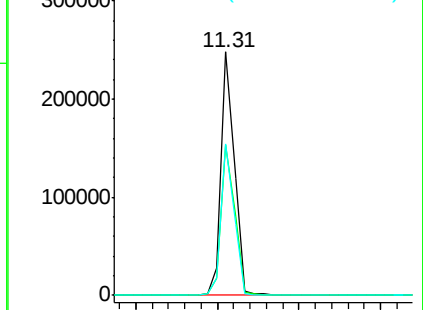
#69
 Pentachlorophenol
 Concen: 72.11 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 278368
 Ion Ratio Lower Upper
 266 100
 268 61.8 53.3 79.9
 264 62.0 50.3 75.5

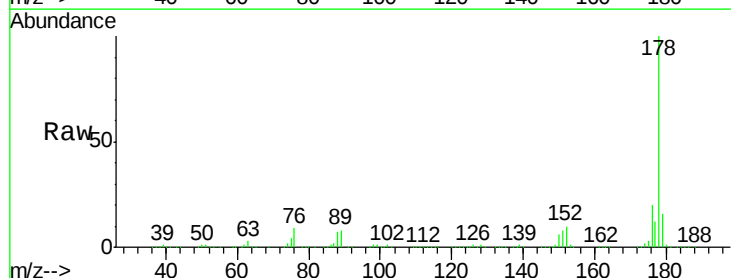


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

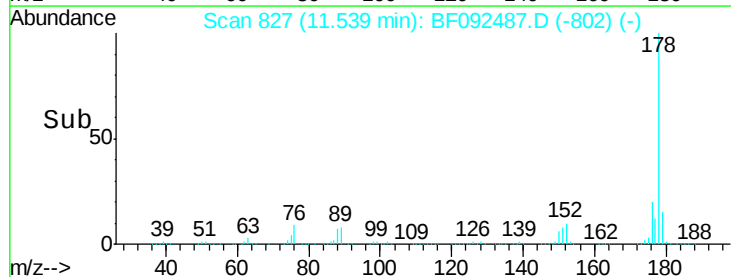
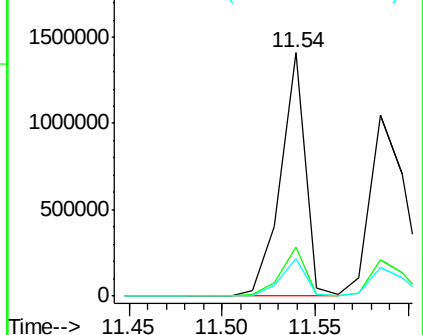


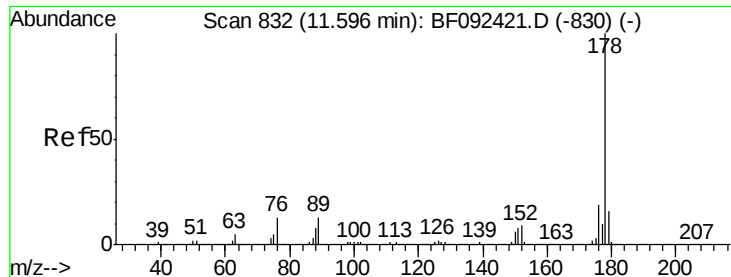
#70
 Phenanthrene
 Concen: 40.13 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:178 Resp: 1307335
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.5 12.8 19.2



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

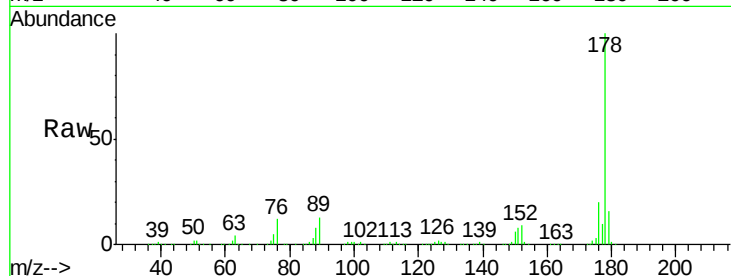




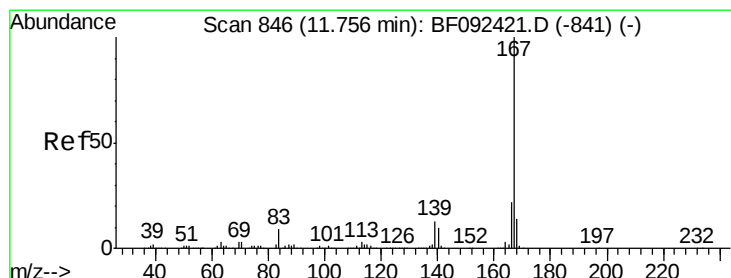
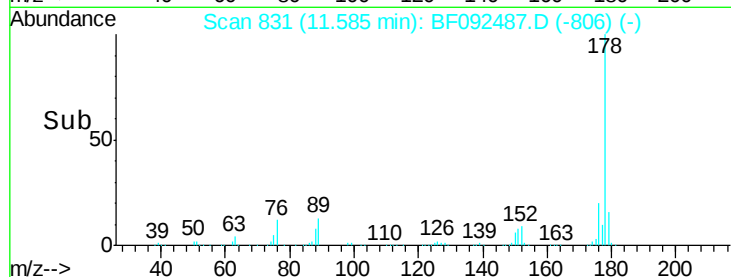
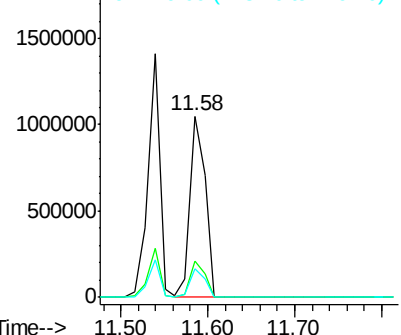
#71
 Anthracene
 Concen: 40.41 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1286625
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.1 13.2 19.8

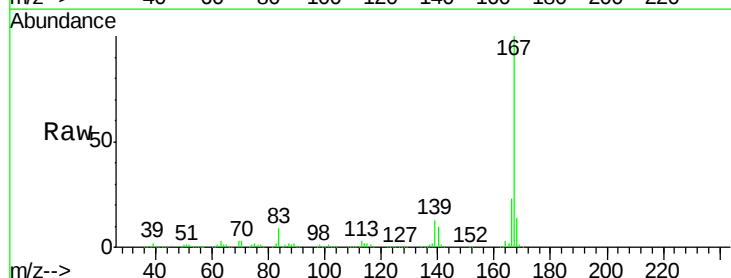


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

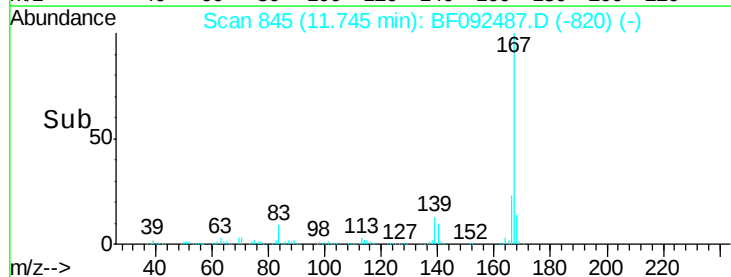
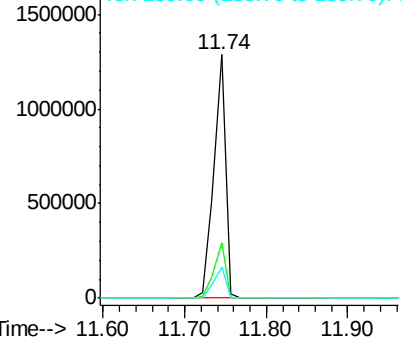


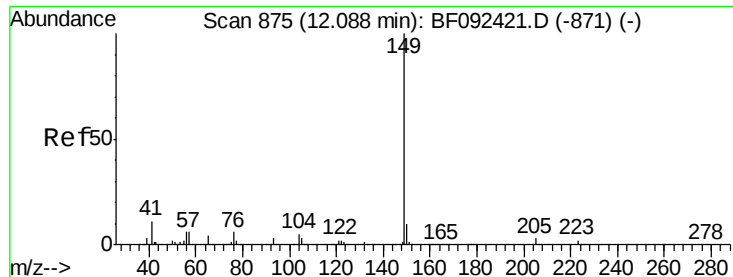
#72
 Carbazole
 Concen: 41.92 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:167 Resp: 1274306
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 13.0 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: 39.81 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

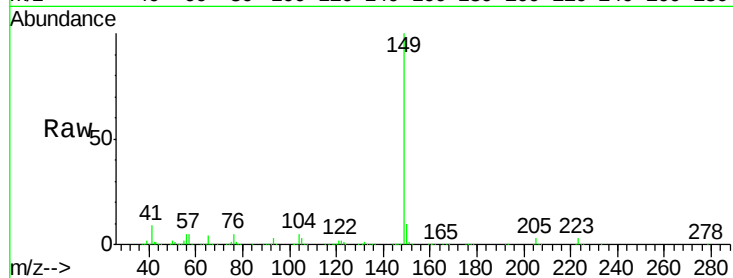
Tot Ion:149 Resp: 1383830

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

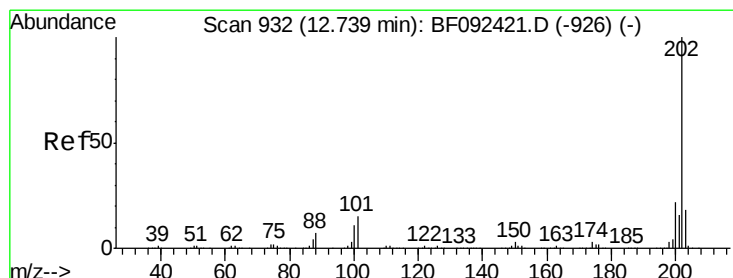
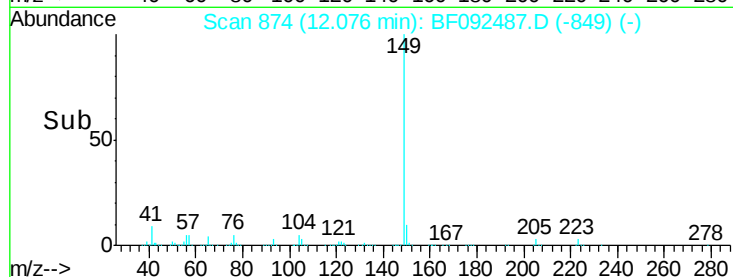
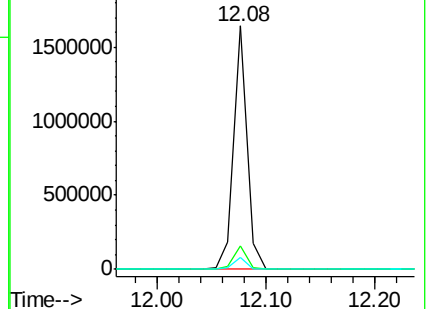
104 4.9 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.14 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

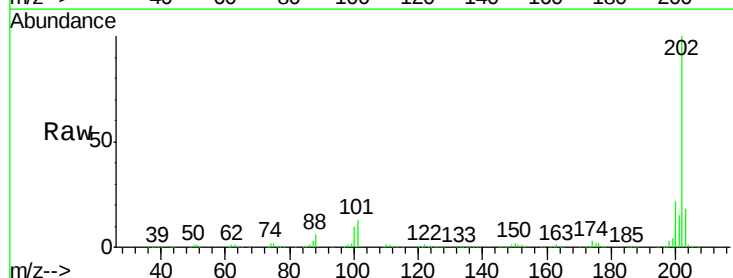
Tgt Ion:202 Resp: 1310912

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

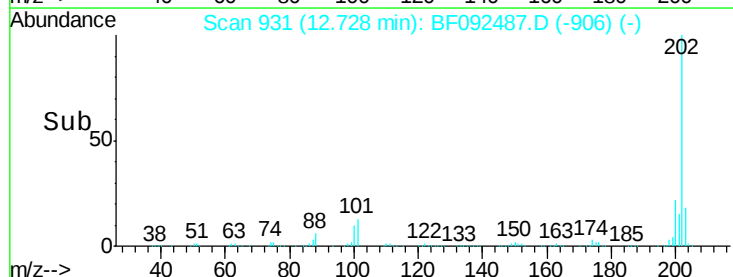
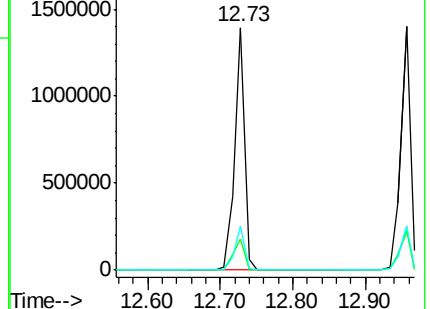
203 18.0 0.0 38.7

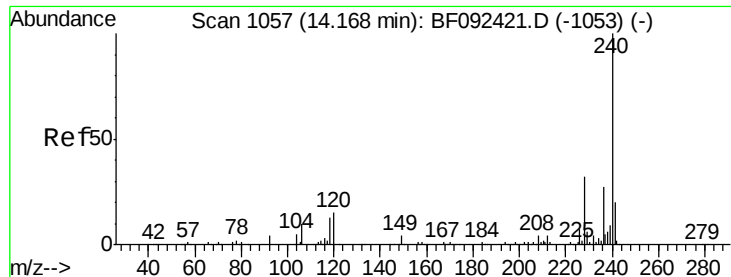


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

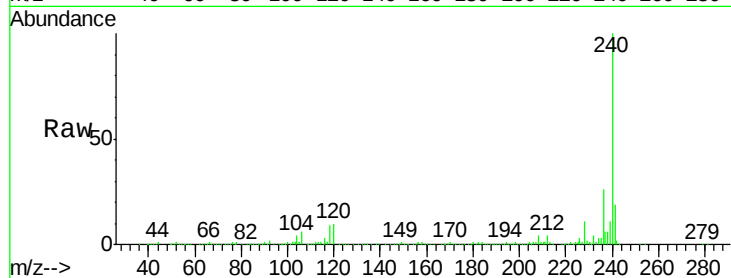
Tot Ion:240 Resp: 515019

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

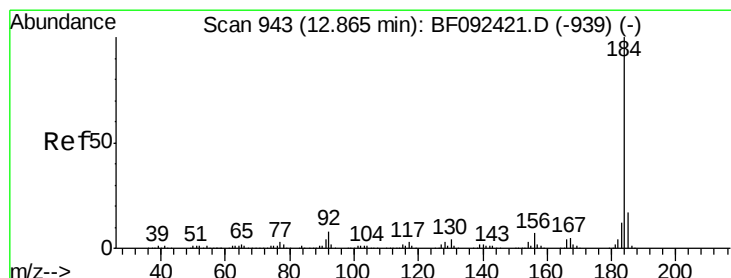
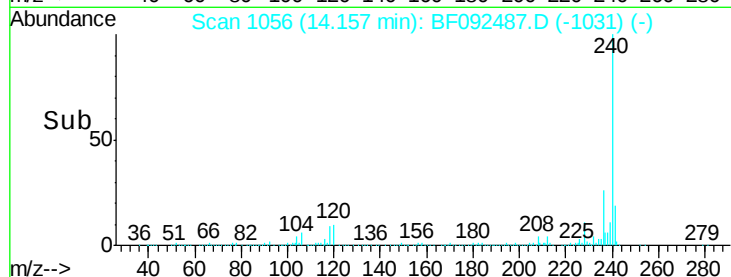
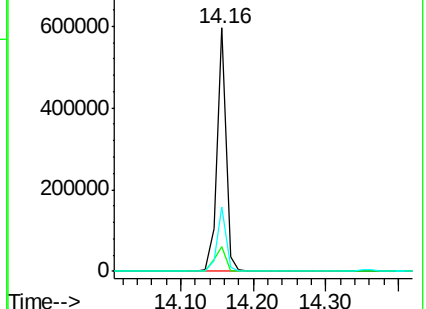
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.50 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

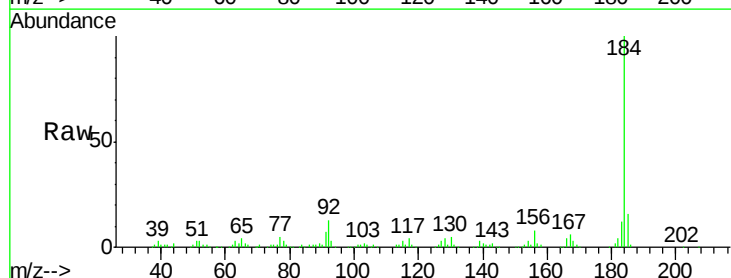
Tgt Ion:184 Resp: 315411

Ion Ratio Lower Upper

184 100

185 15.8 13.4 20.0

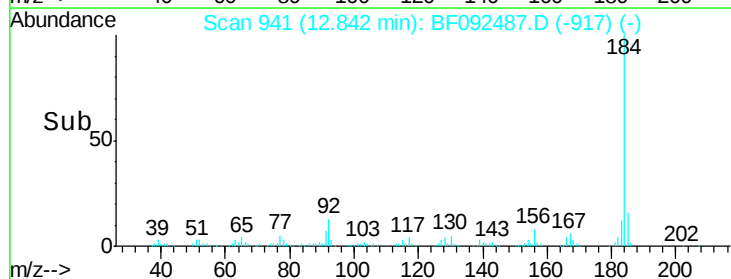
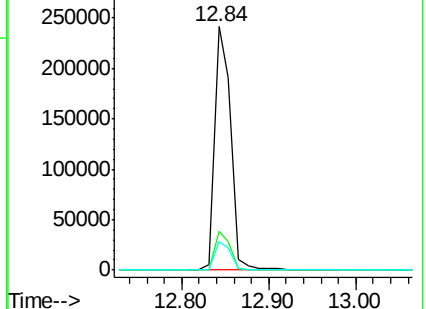
183 12.0 9.2 13.8

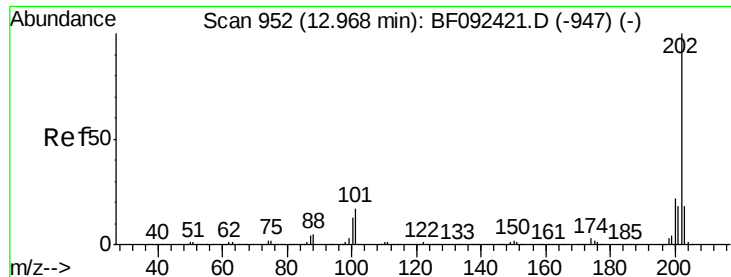


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

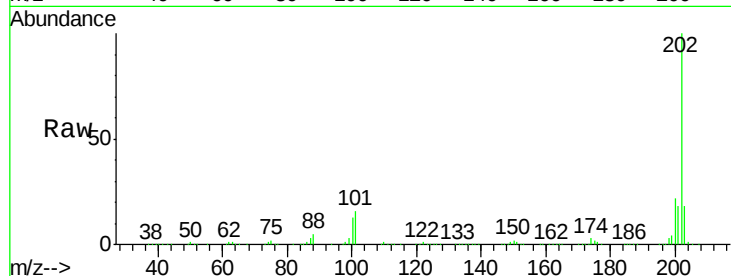




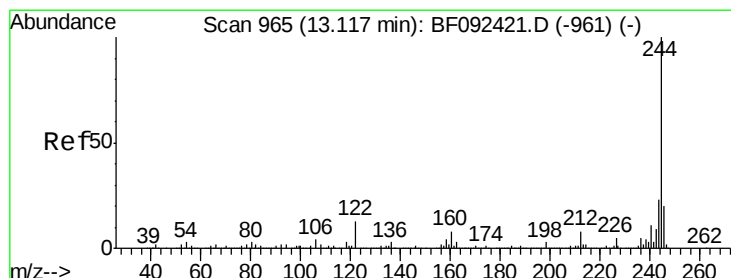
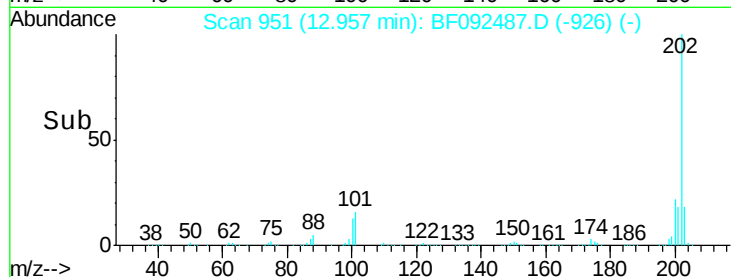
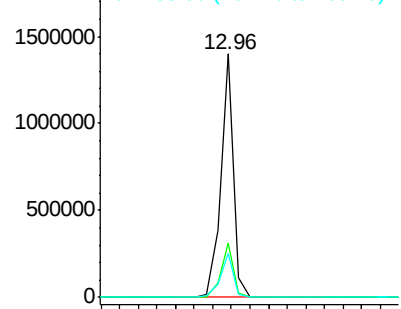
#77
Pvrene
Concen: 35.34 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1318754
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.9 14.7 22.1

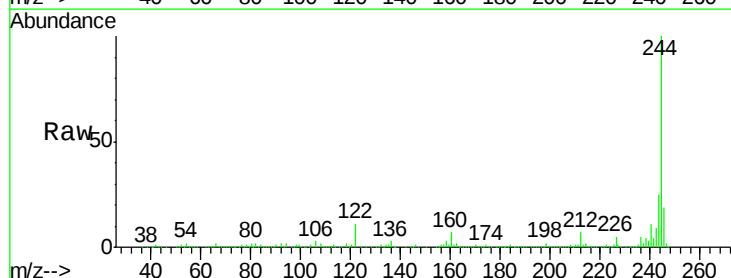


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

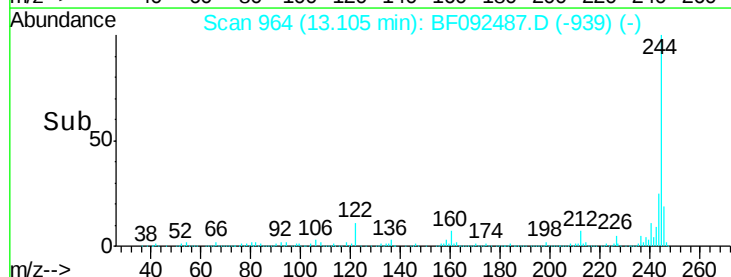
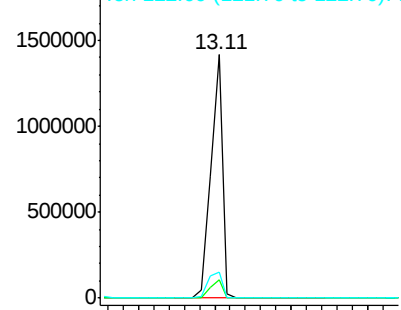


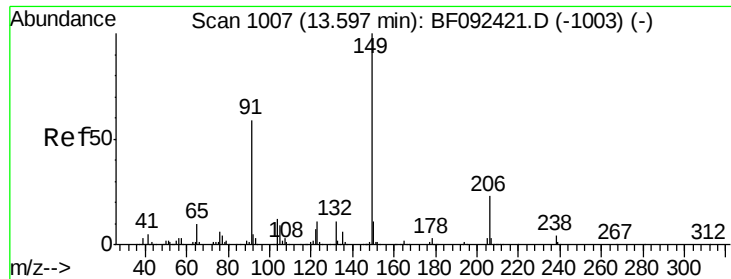
#78
Terphenyl-d14
Concen: 78.60 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:244 Resp: 1520225
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.6 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: 40.46 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

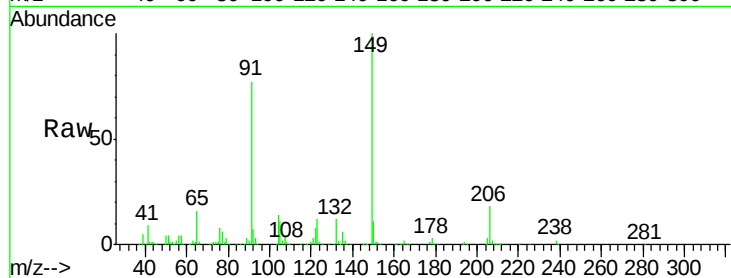
Tot Ion:149 Resp: 611603

Ion Ratio Lower Upper

149 100

91 76.7 63.9 95.9

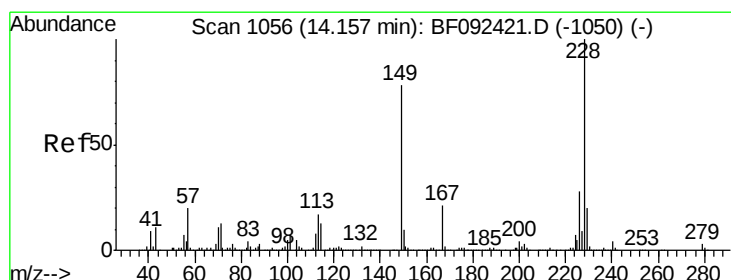
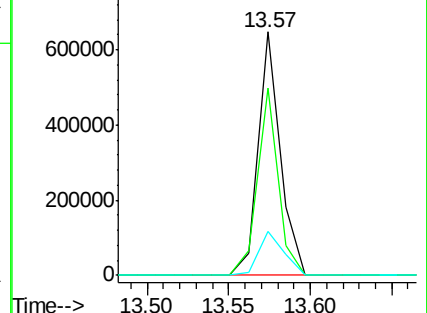
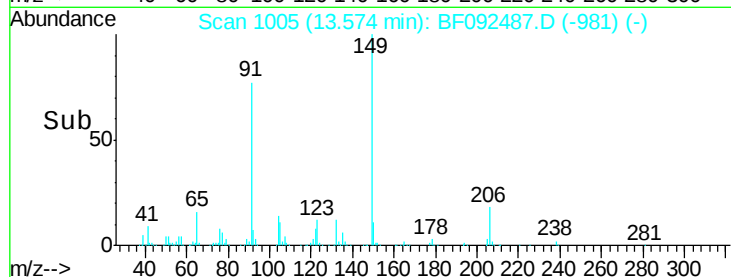
206 18.2 14.6 21.8



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: 38.60 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

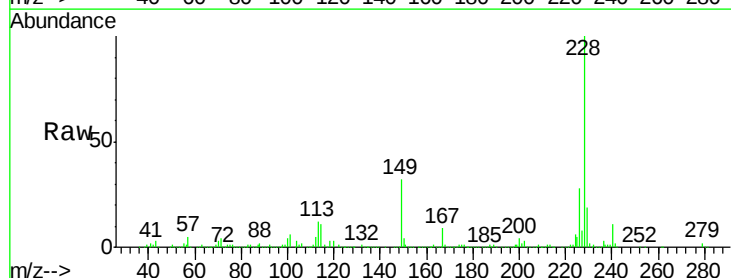
Tgt Ion:228 Resp: 1068477

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

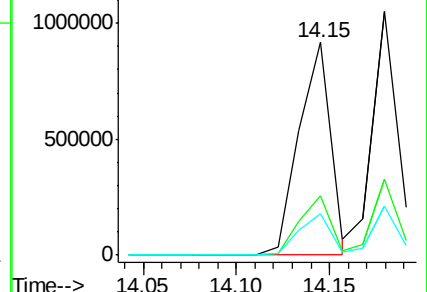
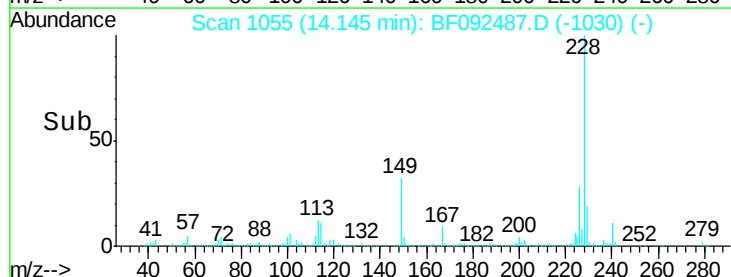
229 19.4 16.2 24.4

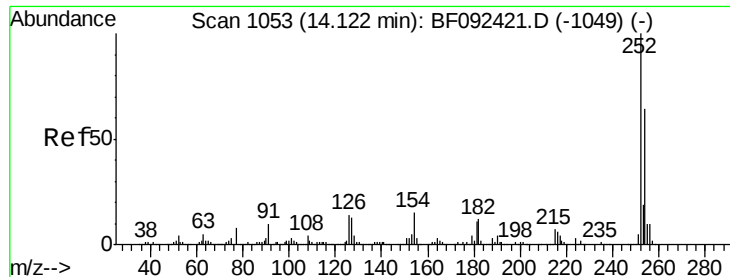


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 18.88 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :

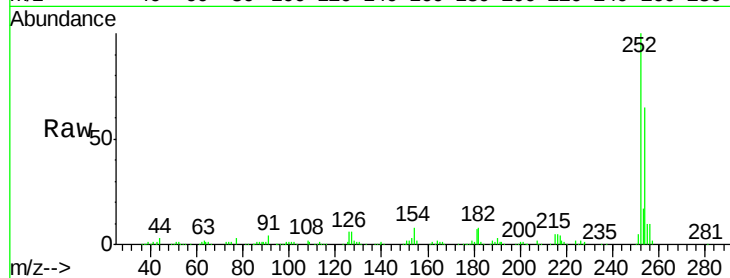
Tot Ion:252 Resp: 198379

Ion Ratio Lower Upper

252 100

254 64.7 52.3 78.5

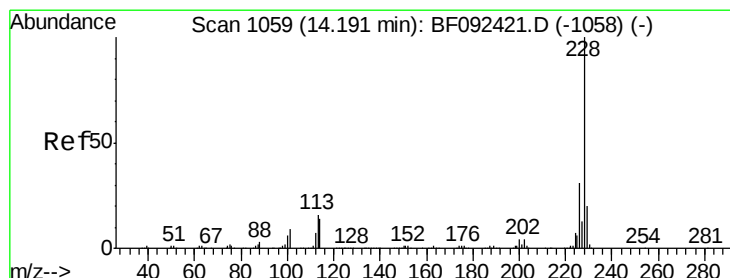
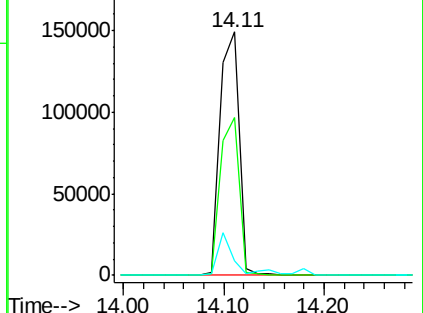
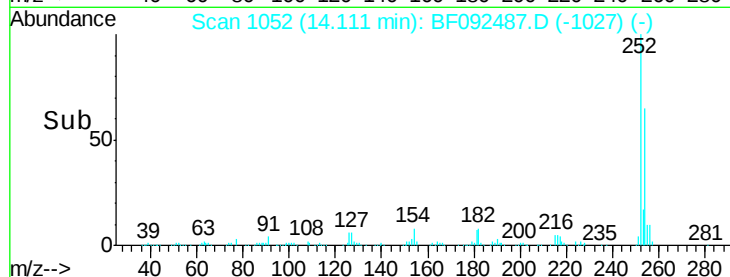
126 5.8 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 33.38 ng

RT: 14.18 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

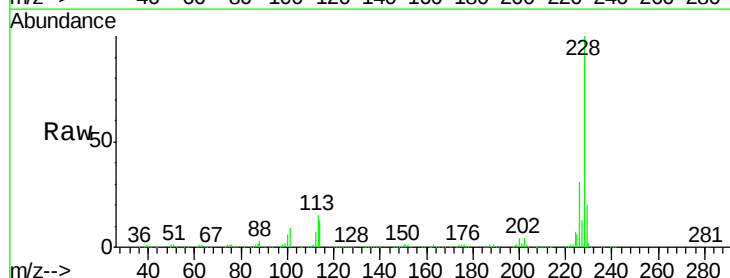
Tgt Ion:228 Resp: 986583

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

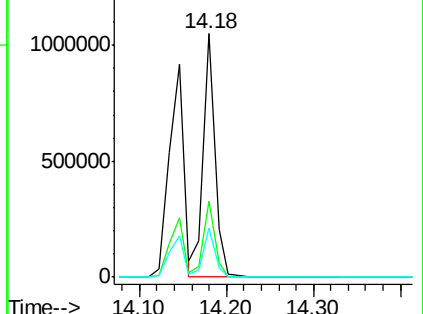
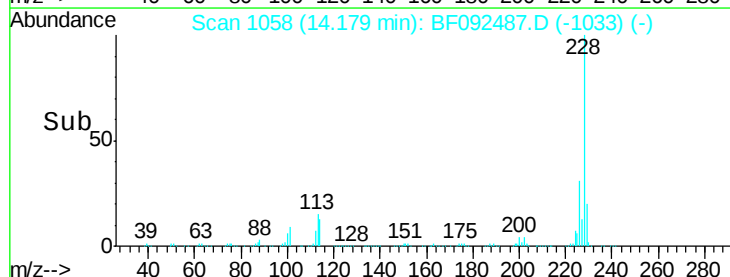
229 20.1 16.2 24.2

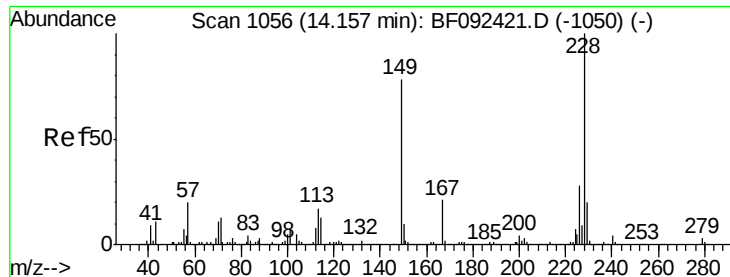


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

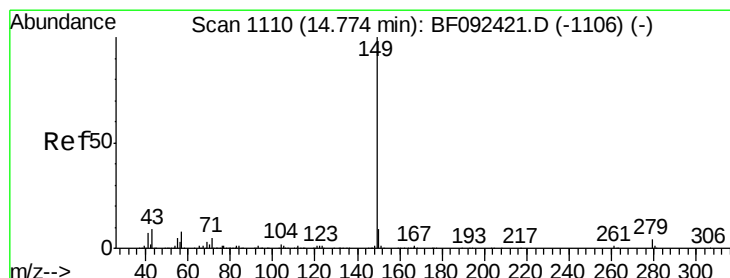
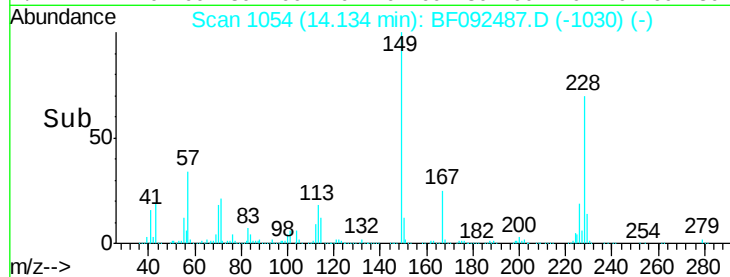
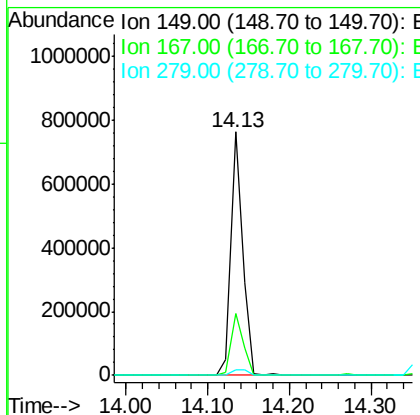
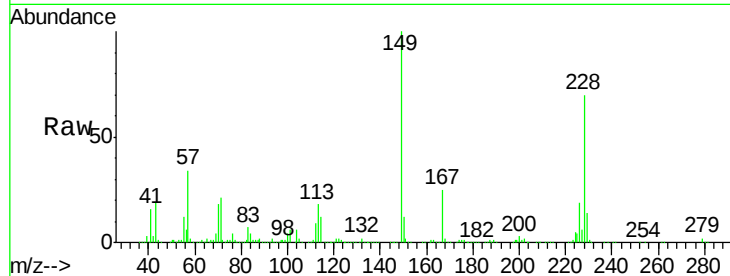




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.30 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

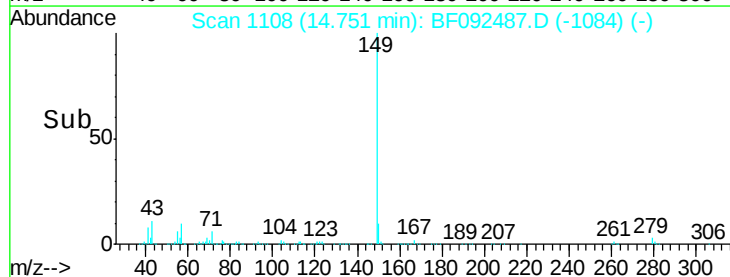
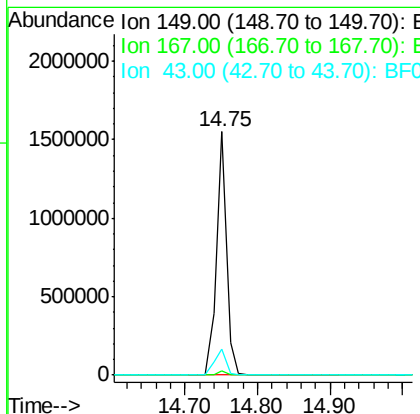
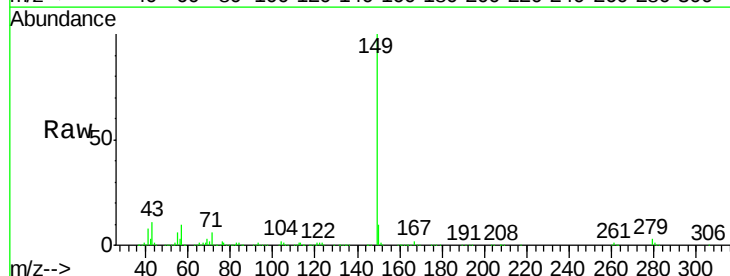
Instrument :
 BNA_F
 ClientSampleId :

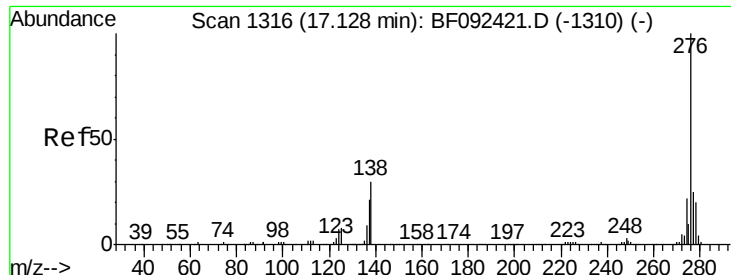
Tot Ion:149 Resp: 767271
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 2.3 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.34 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092487.D
 Acq: 25 Jan 2017 20:08

Tgt Ion:149 Resp: 1497964
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.3 8.9 13.3

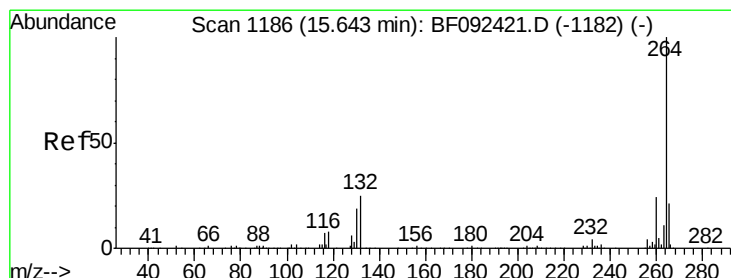
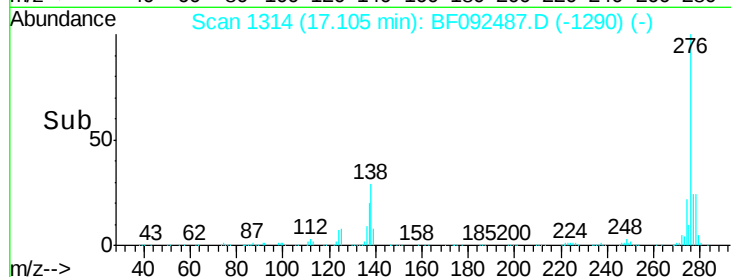
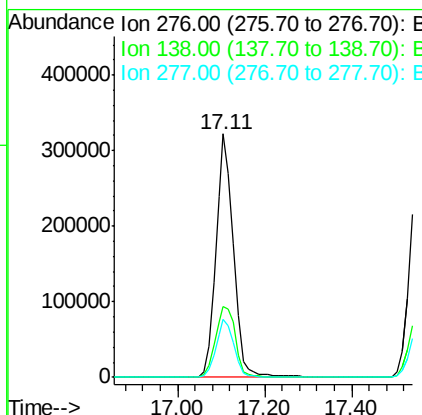
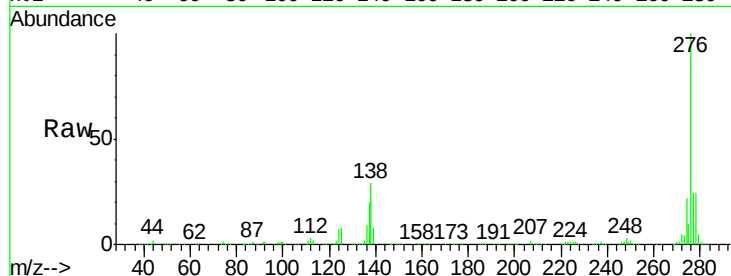




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.83 ng
RT: 17.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

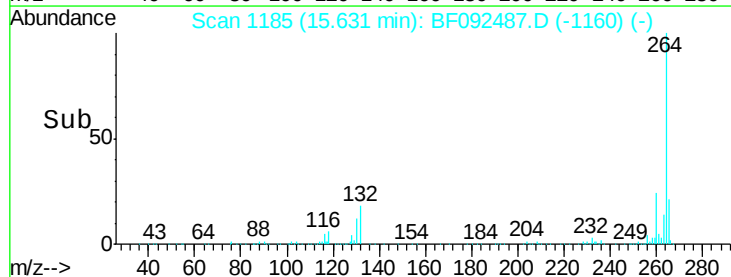
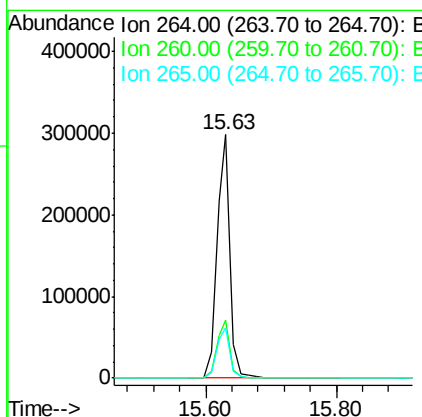
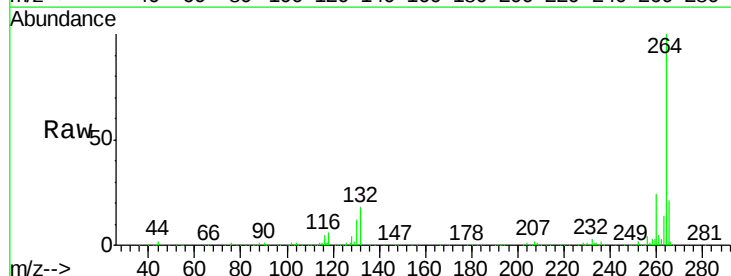
Instrument :
BNA_F
ClientSampleId :

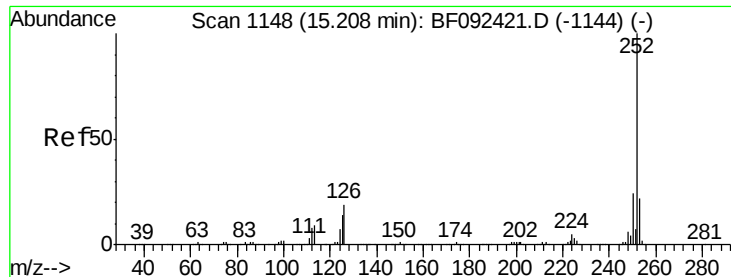
Tot Ion:276 Resp: 914791
Ion Ratio Lower Upper
276 100
138 33.3 21.8 32.6#
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:264 Resp: 414297
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.8 17.4 26.0

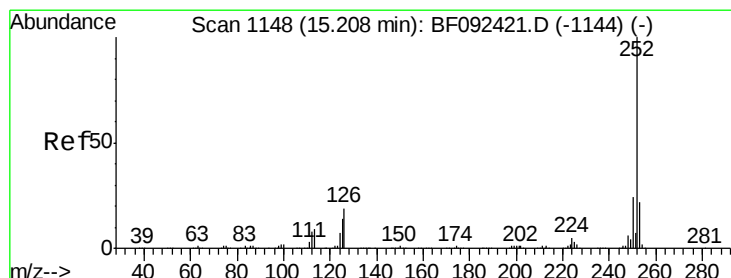
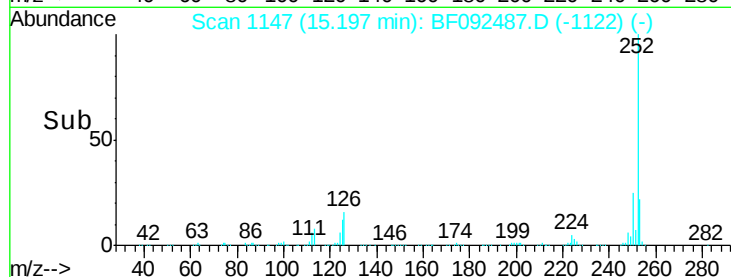
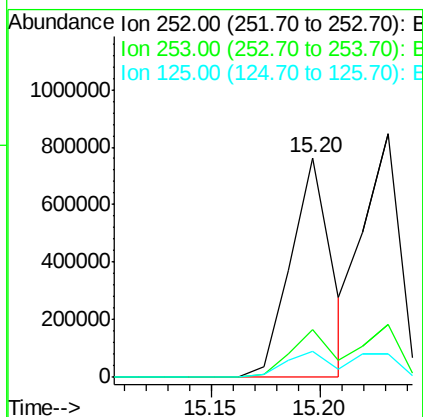
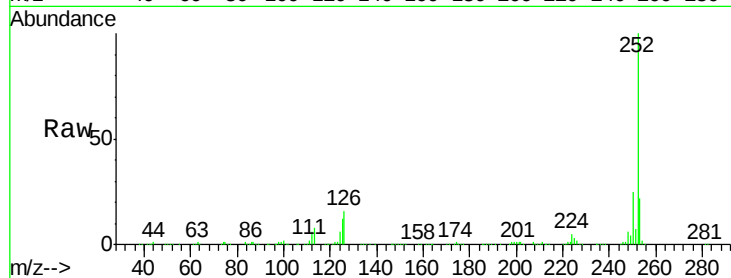




#87
Benzo(b)fluoranthene
Concen: 37.34 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

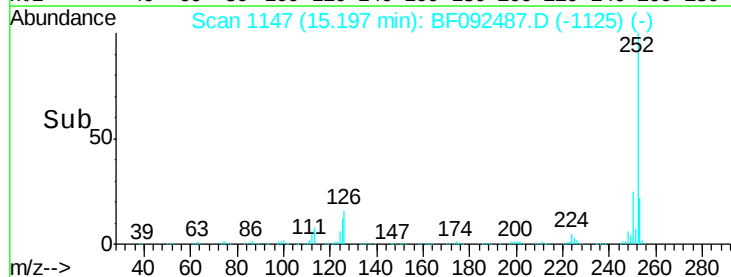
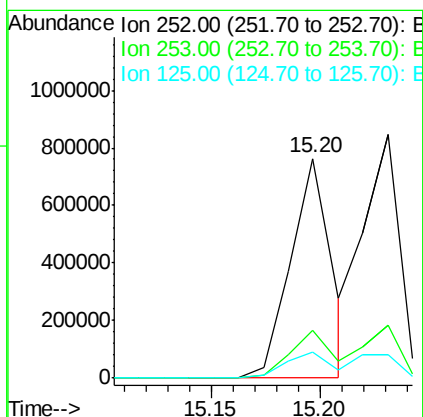
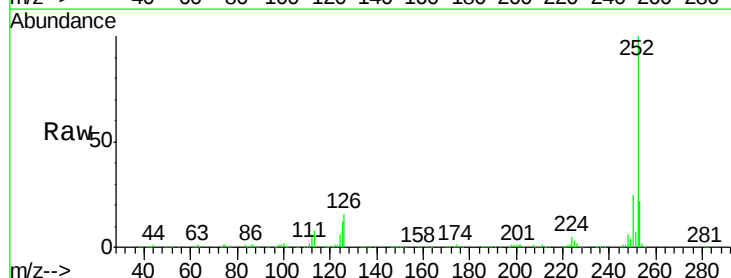
Instrument :
BNA_F
ClientSampleId :

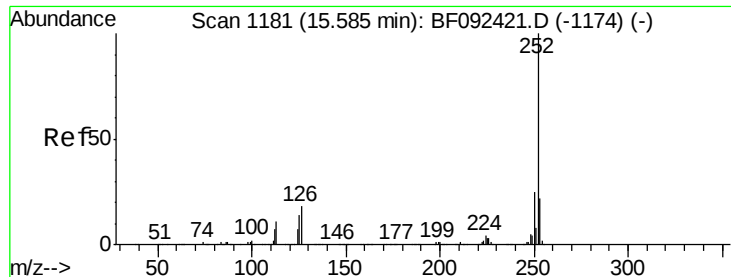
Tot Ion:252 Resp: 993176
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 44.91 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion:252 Resp: 993176
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.0 8.9 13.3

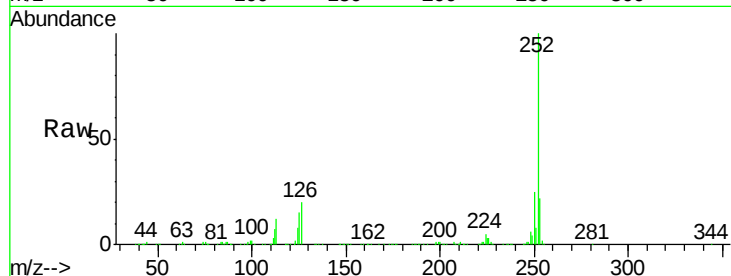




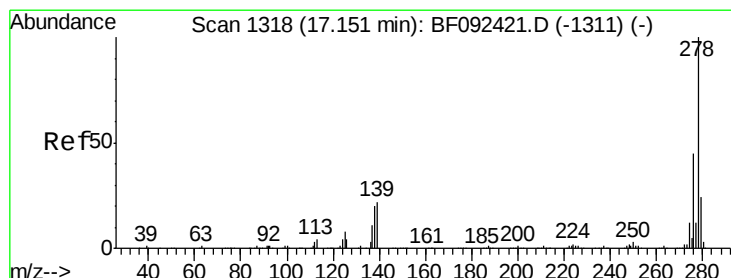
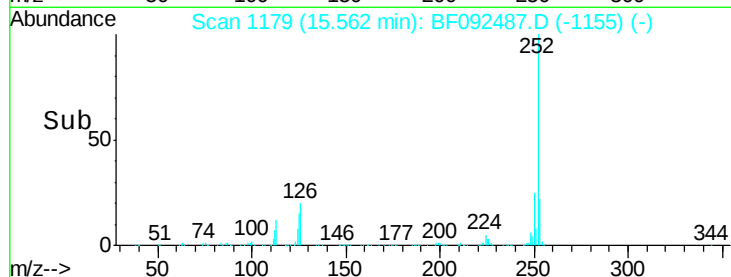
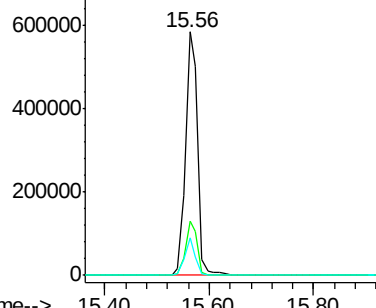
#89
Benzo(a)pyrene
Concen: 41.54 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	15.4	10.0	15.0#

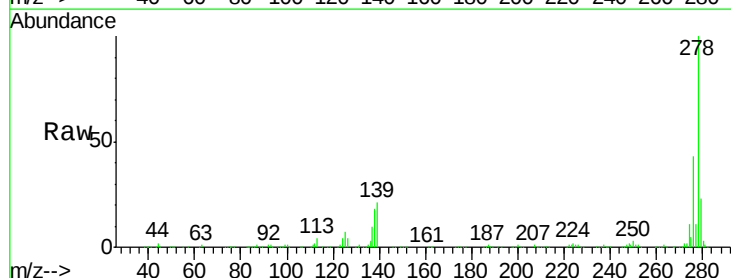


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

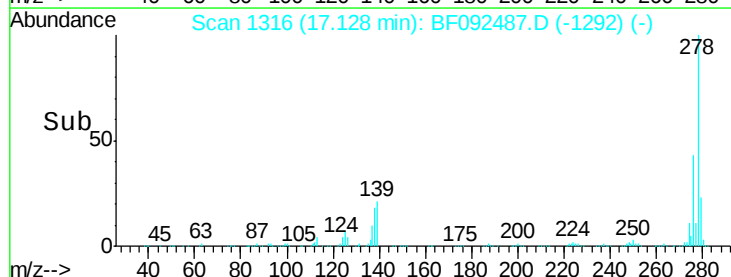
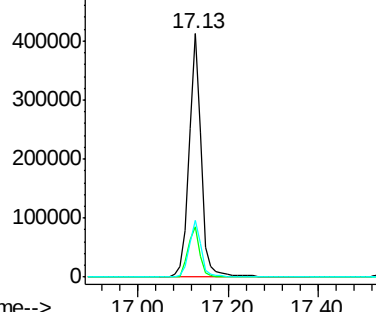


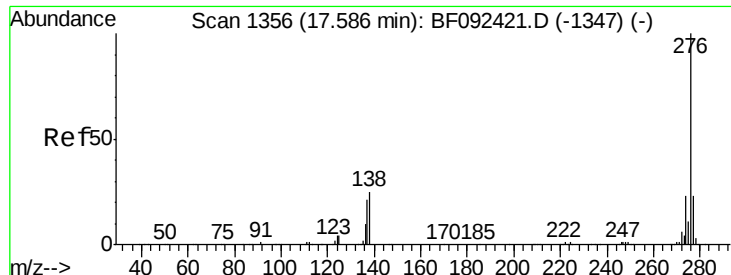
#90
Dibenzo(a,h)anthracene
Concen: 42.48 ng
RT: 17.13 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF092487.D
Acq: 25 Jan 2017 20:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	14.8	22.2
279	23.3	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.87 ng

RT: 17.55 min Scan# 1353

Delta R.T. -0.03 min

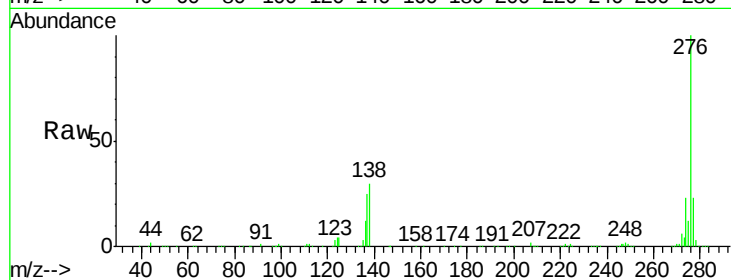
Lab File: BF092487.D

Acq: 25 Jan 2017 20:08

Instrument :

BNA_F

ClientSampleId :



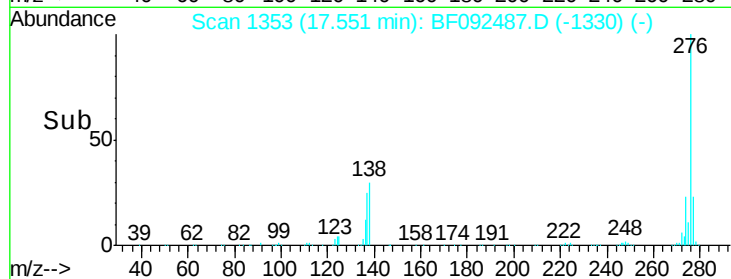
Tot Ion: 276 Resp: 770415

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 29.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

