

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083354.D
 Acq On : 1 Dec 2015 1:12
 Operator : UM/IZ
 Sample : PB86847BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Quant Time: Dec 01 02:16:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170748	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	641965	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	332953	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	649411	20.00	ng	0.00
75) Chrysene-d12	14.76	240	617899	20.00	ng	0.00
86) Perylene-d12	16.82	264	460563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	839404	73.77	ng	0.01
7) Phenol-d6	6.21	99	1123090	72.11	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1078133	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	244244	73.08	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1696348	72.60	ng	0.00
78) Terphenyl-d14	13.22	244	1772014	68.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	151083	24.52	ng	# 81
3) Pyridine	2.65	79	475197	30.83	ng	94
4) n-Nitrosodimethylamine	2.60	42	241227	31.80	ng	99
6) Aniline	6.21	93	382189	17.94	ng	94
8) 2-Chlorophenol	6.34	128	455250	36.27	ng	98
9) Benzaldehyde	6.09	77	96753	10.36	ng	95
10) Phenol	6.24	94	590734	31.52	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	481558	35.33	ng	96
12) 1,3-Dichlorobenzene	6.49	146	479018	34.33	ng	98
13) 1,4-Dichlorobenzene	6.57	146	498098	34.54	ng	98
14) 1,2-Dichlorobenzene	6.57	146	498098	37.65	ng	98
15) Benzyl Alcohol	6.72	79	445307	36.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	846924	35.41	ng	# 43
17) 2-Methylphenol	6.84	107	379923	36.31	ng	95
18) Hexachloroethane	7.06	117	169353	33.81	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	360590	32.39	ng	89
20) 3+4-Methylphenols	7.00	107	521231	36.78	ng	99
22) Acetophenone	6.97	105	643912	33.52	ng	# 93
24) Nitrobenzene	7.14	77	513718	32.94	ng	# 88
25) Isophorone	7.39	82	967997	34.22	ng	97
26) 2-Nitrophenol	7.46	139	215605	33.87	ng	96
27) 2,4-Dimethylphenol	7.53	122	392724	36.80	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	611797	37.98	ng	99
29) 2,4-Dichlorophenol	7.71	162	376096	36.64	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	379461	33.97	ng	94
31) Naphthalene	7.86	128	1256549	36.07	ng	99
32) Benzoic acid	7.68	122	260124	35.34	ng	96
33) 4-Chloroaniline	7.93	127	203746	13.57	ng	99
34) Hexachlorobutadiene	7.98	225	220473	34.76	ng	99
35) Caprolactam	8.29	113	84586	26.08	ng	99
36) 4-Chloro-3-methylphenol	8.43	107	436027	37.88	ng	93
37) 2-Methylnaphthalene	8.54	142	797635	34.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	354638	33.60	ng	97
40) Hexachlorocyclopentadiene	8.70	237	360310	71.87	ng	100

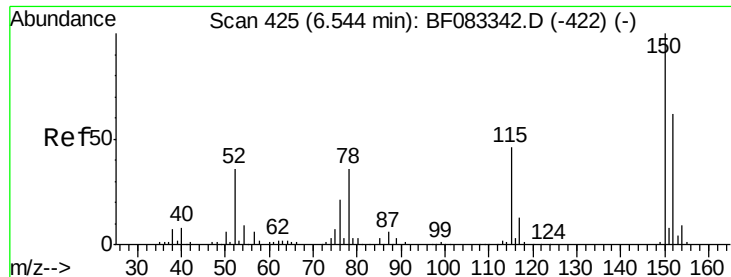
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	262398	35.44	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	284924	37.14	ng	95
45) 1,1'-Biphenyl	9.01	154	960917	32.91	ng	95
46) 2-Chloronaphthalene	9.04	162	801276	36.01	ng	99
47) 2-Nitroaniline	9.15	65	308940	35.06	ng	94
48) Acenaphthylene	9.45	152	1229617	34.65	ng	99
49) Dimethylphthalate	9.33	163	927180	34.27	ng	99
50) 2,6-Dinitrotoluene	9.39	165	219797	38.04	ng	94
51) Acenaphthene	9.62	154	740944	35.49	ng	99
52) 3-Nitroaniline	9.56	138	120863	17.84	ng	83
53) 2,4-Dinitrophenol	9.66	184	234010	67.10	ng	90
54) Dibenzofuran	9.79	168	1071504	35.03	ng	99
55) 4-Nitrophenol	9.76	139	341191	80.54	ng	# 70
56) 2,4-Dinitrotoluene	9.79	165	264725	36.10	ng	98
57) Fluorene	10.13	166	871095	36.06	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	226933	36.67	ng	95
59) Diethylphthalate	10.03	149	912882	35.40	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	425792	38.36	ng	99
61) 4-Nitroaniline	10.18	138	225817	33.32	ng	92
62) Azobenzene	10.29	77	1193753	38.31	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	172822	39.63	ng	86
65) n-Nitrosodiphenylamine	10.26	169	819265	35.90	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	255330	35.94	ng	98
67) Hexachlorobenzene	10.70	284	275460	35.07	ng	98
68) Atrazine	10.82	200	244275	38.70	ng	97
69) Pentachlorophenol	10.92	266	314030	76.32	ng	97
70) Phenanthrene	11.16	178	1389959	36.17	ng	99
71) Anthracene	11.22	178	1439970	37.22	ng	99
72) Carbazole	11.41	167	1288045	37.05	ng	99
73) Di-n-butylphthalate	11.86	149	1516095	36.80	ng	100
74) Fluoranthene	12.66	202	1444056	36.25	ng	99
76) Benzidine	12.87	184	382605	20.79	ng	97
77) Pyrene	12.97	202	1496792	34.69	ng	97
79) Butylbenzylphthalate	13.96	149	649467	35.48	ng	97
80) Benzo(a)anthracene	14.74	228	1382416	36.52	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	288270	24.38	ng	98
82) Chrysene	14.80	228	1218340	33.31	ng	100
83) Bis(2-ethylhexyl)phthalate	14.88	149	898683	36.60	ng	100
84) Di-n-octyl phthalate	15.85	149	1425116	38.97	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	888286	33.35	ng	99
87) Benzo(b)fluoranthene	16.31	252	1124309	38.05	ng	99
88) Benzo(k)fluoranthene	16.35	252	989853	35.47	ng	98
89) Benzo(a)pyrene	16.75	252	970725	38.24	ng	99
90) Dibenzo(a,h)anthracene	18.23	278	767666	34.71	ng	97
91) Benzo(g,h,i)perylene	18.57	276	734849	33.85	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

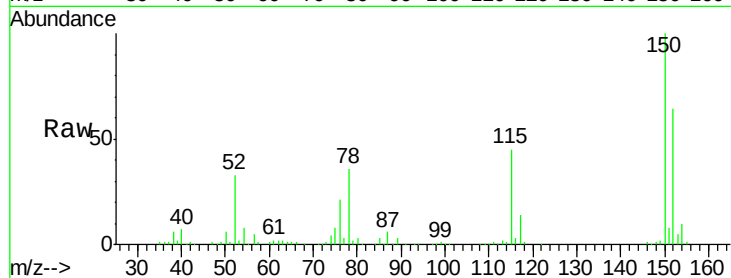
Tgt Ion:152 Resp: 170748

Ion Ratio Lower Upper

152 100

150 155.1 129.8 194.8

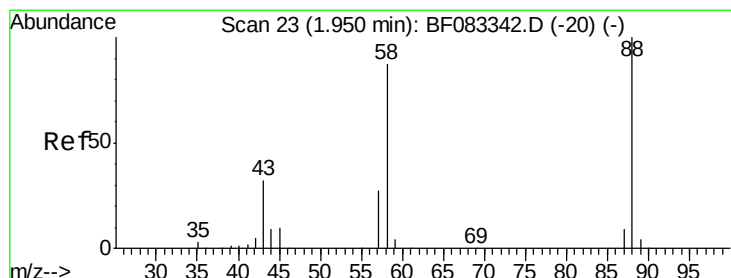
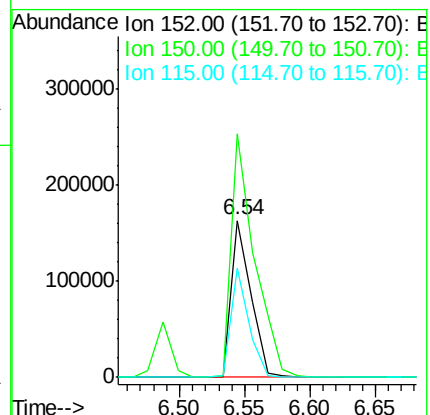
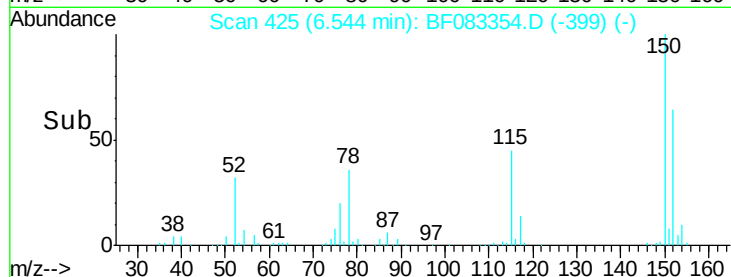
115 69.2 59.2 88.8



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: 24.52 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

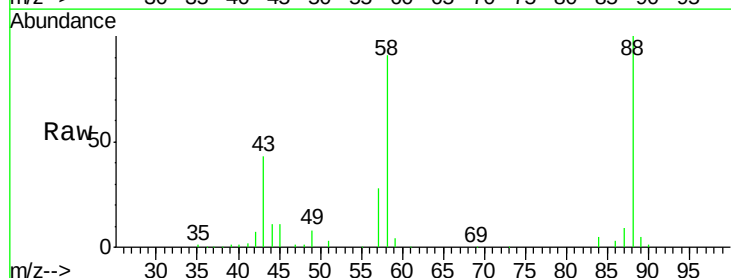
Tgt Ion: 88 Resp: 151083

Ion Ratio Lower Upper

88 100

58 97.3 66.6 100.0

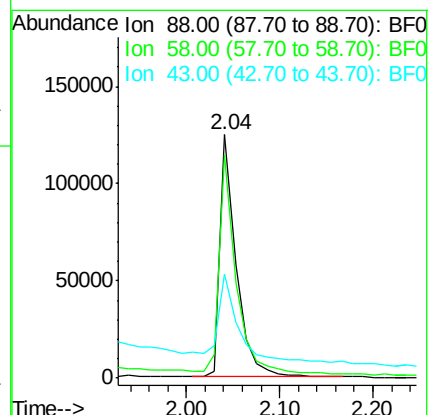
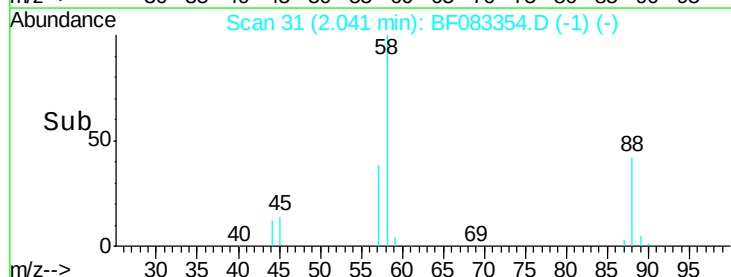
43 50.2 27.1 40.7#

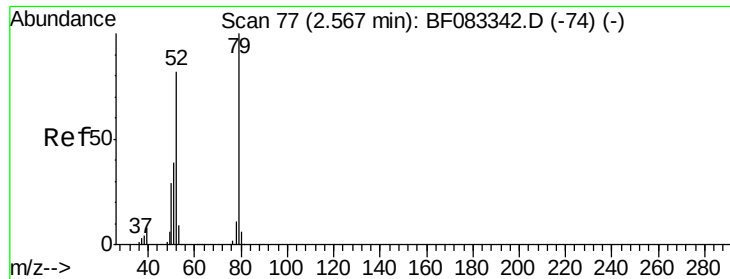


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.83 ng

RT: 2.65 min Scan# 84

Delta R.T. 0.08 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

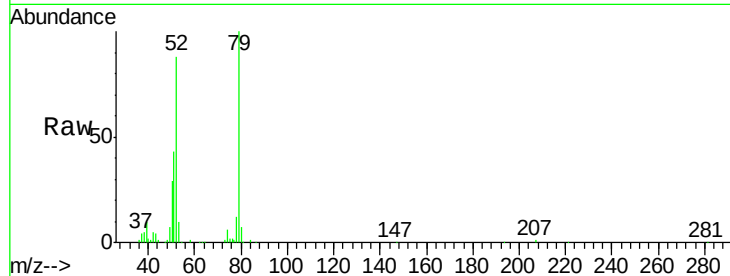
Tgt Ion: 79 Resp: 475197

Ion Ratio Lower Upper

79 100

52 88.3 65.9 98.9

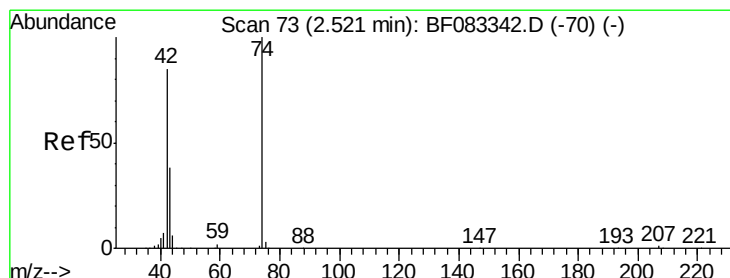
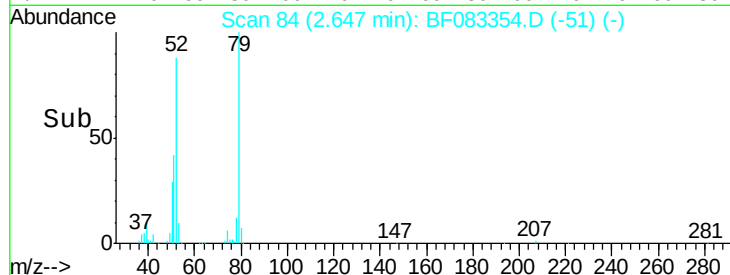
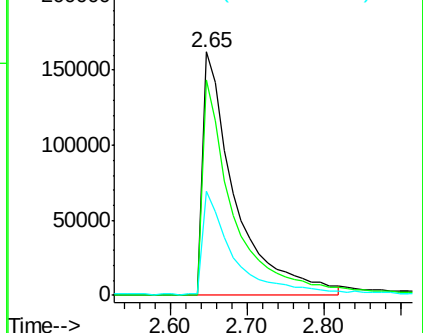
51 42.5 32.3 48.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.80 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.08 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

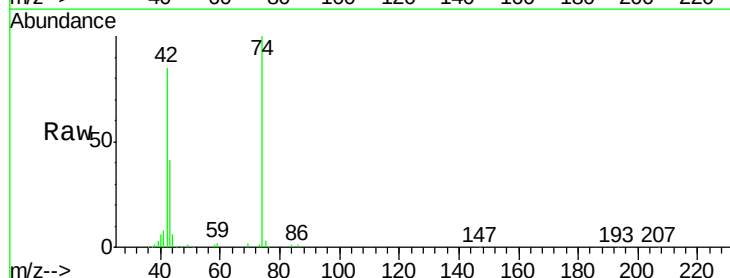
Tgt Ion: 42 Resp: 241227

Ion Ratio Lower Upper

42 100

74 118.2 93.7 140.5

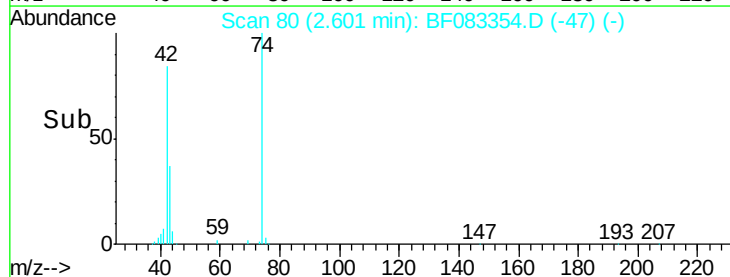
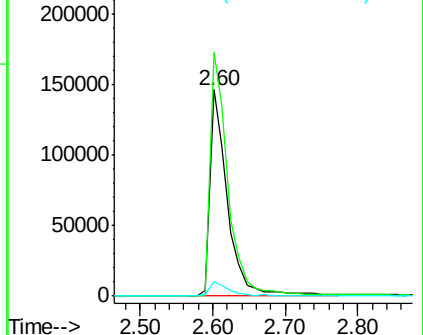
44 7.3 5.6 8.4

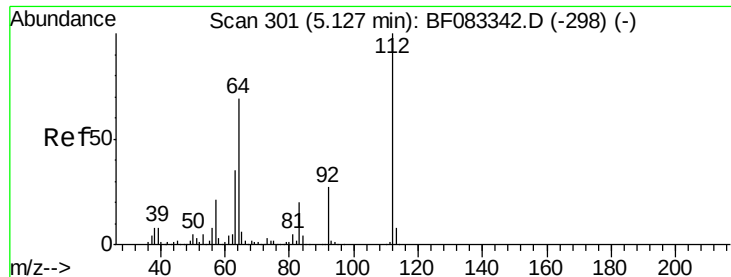


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.77 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

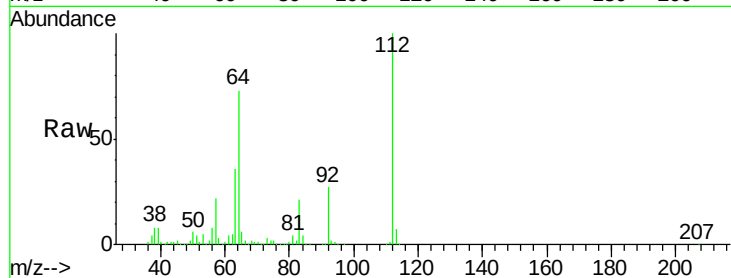
Tgt Ion: 112 Resp: 839404

Ion Ratio Lower Upper

112 100

64 72.7 55.6 83.4

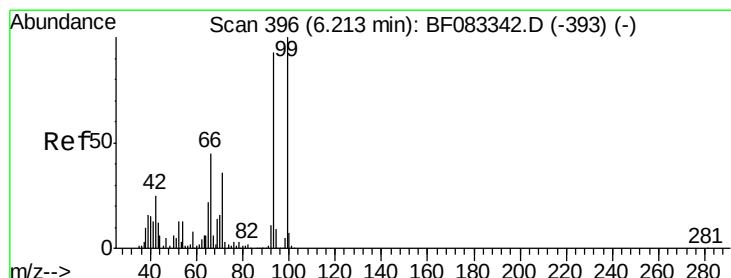
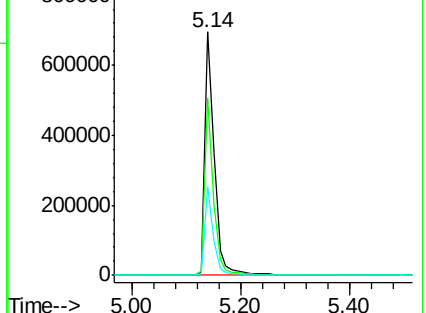
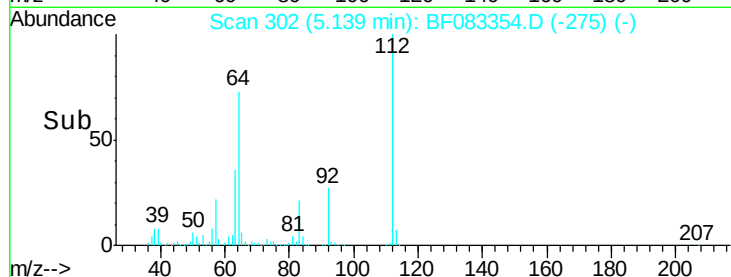
63 36.3 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.94 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

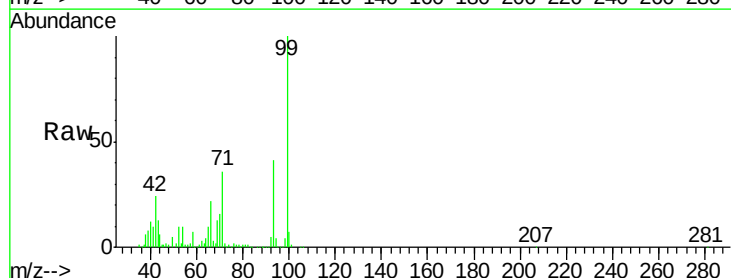
Tgt Ion: 93 Resp: 382189

Ion Ratio Lower Upper

93 100

66 54.1 38.7 58.1

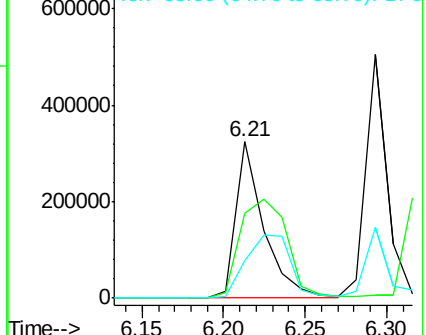
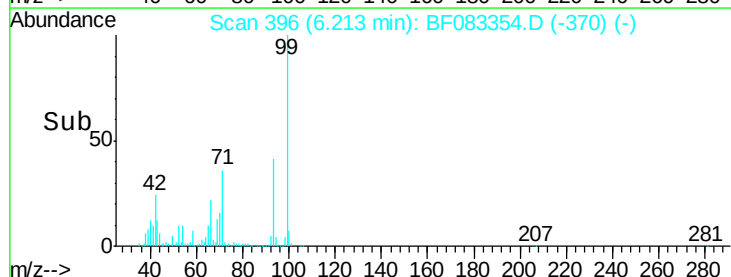
65 24.3 19.0 28.6

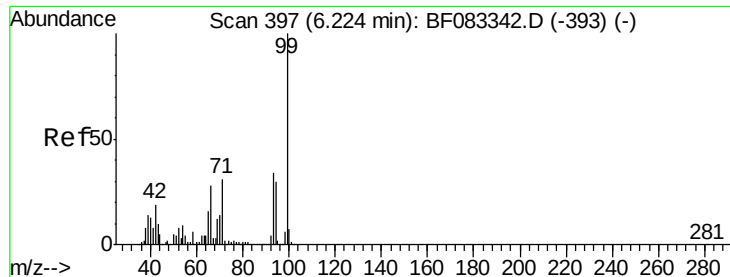


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.11 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

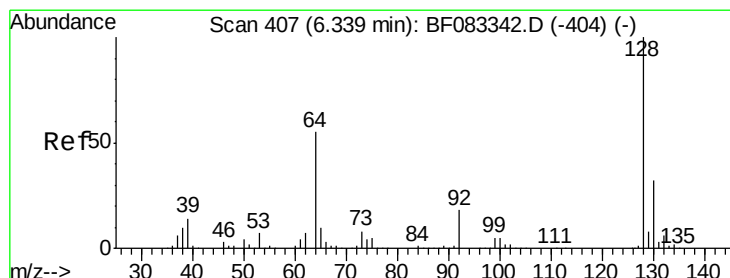
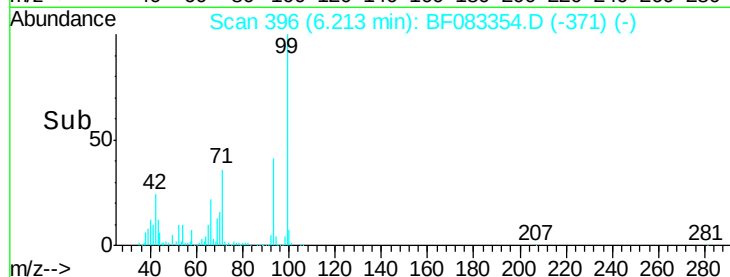
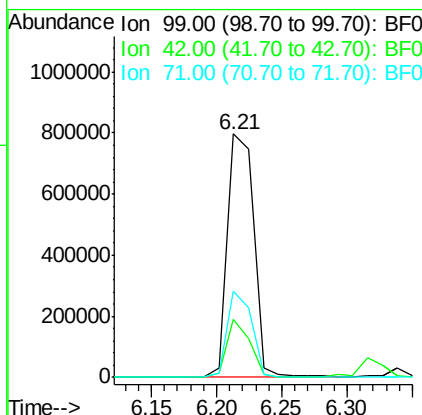
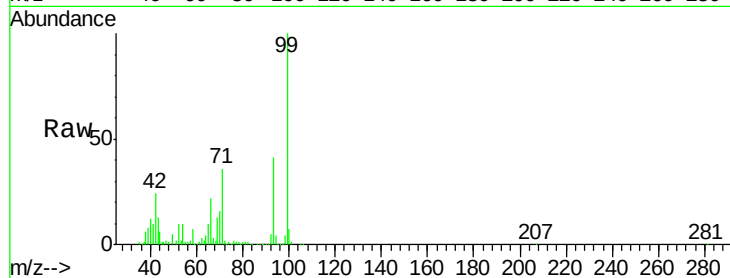
BNA_F

ClientSampleId :

PB86847BS

Tgt Ion: 99 Resp: 1123090

Ion	Ratio	Lower	Upper
99	100		
42	23.9	14.9	22.3#
71	35.5	24.7	37.1



#8

2-Chlorophenol

Concen: 36.27 ng

RT: 6.34 min Scan# 407

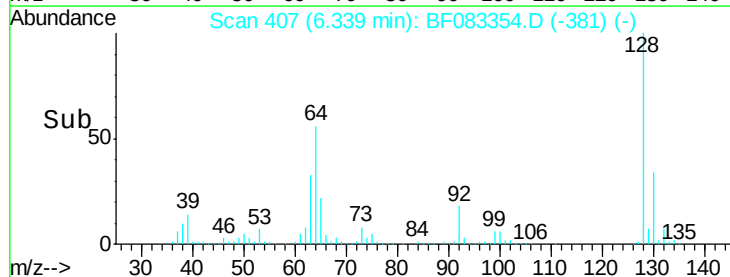
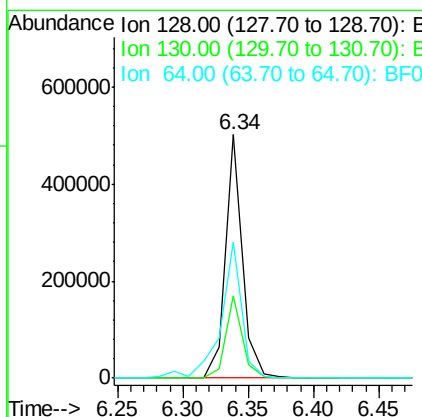
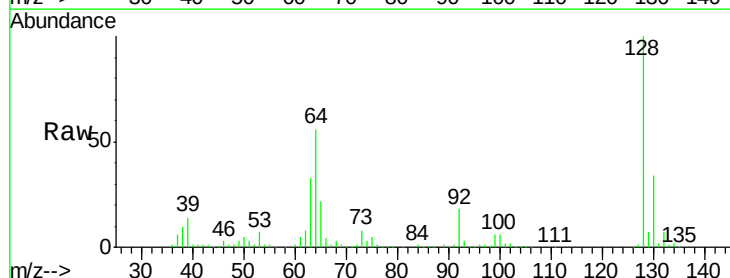
Delta R.T. -0.00 min

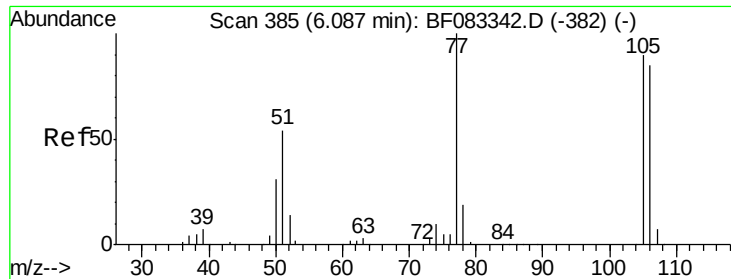
Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion: 128 Resp: 455250

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.3	52.3
64	55.7	36.4	76.4





#9

Benzaldehyde

Concen: 10.36 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

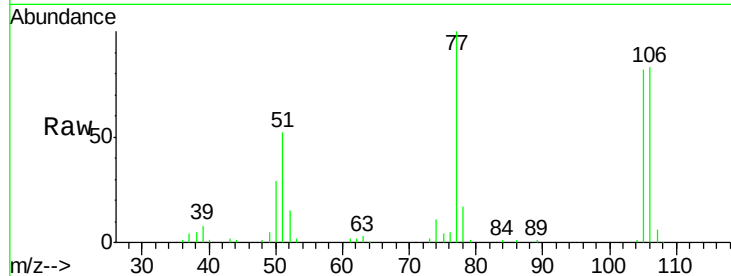
Tgt Ion: 77 Resp: 96753

Ion Ratio Lower Upper

77 100

105 82.3 70.0 110.0

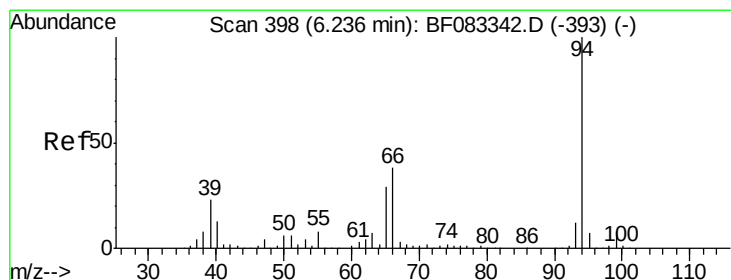
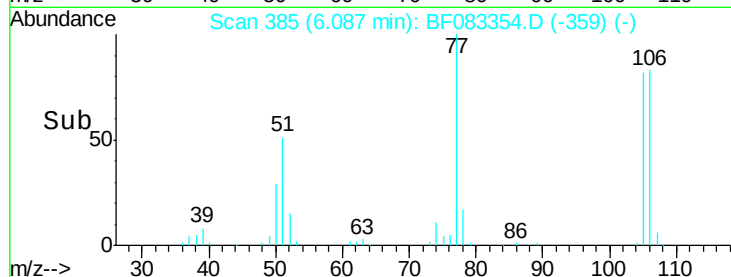
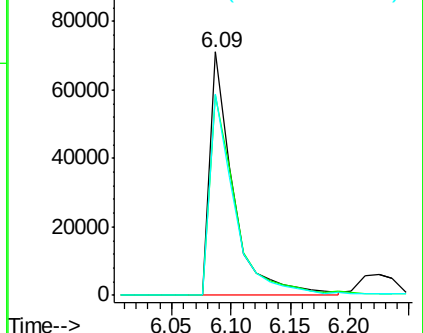
106 82.6 65.0 105.0



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: 31.52 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

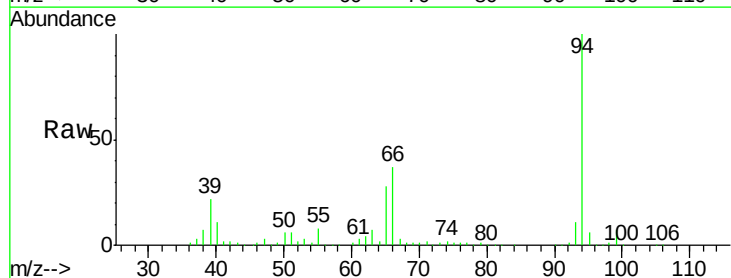
Tgt Ion: 94 Resp: 590734

Ion Ratio Lower Upper

94 100

65 28.2 9.5 49.5

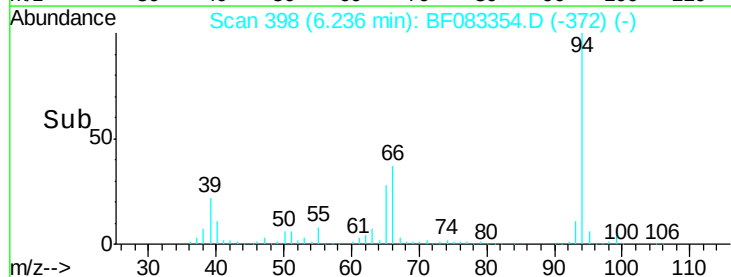
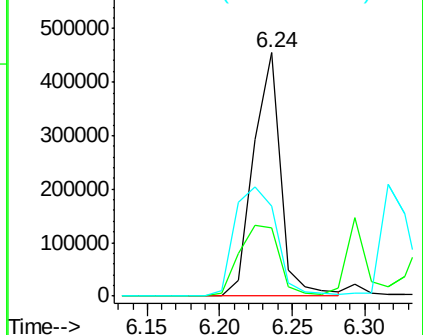
66 37.1 17.9 57.9

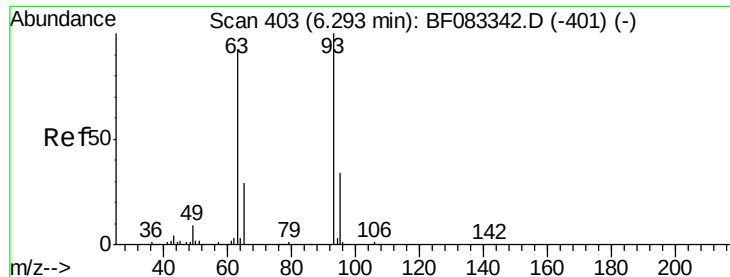


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.33 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

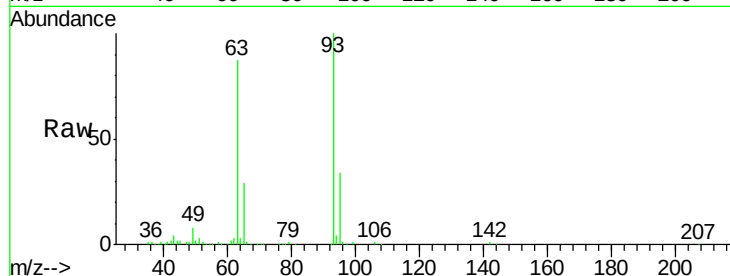
Tgt Ion: 93 Resp: 481558

Ion Ratio Lower Upper

93 100

63 87.0 71.4 111.4

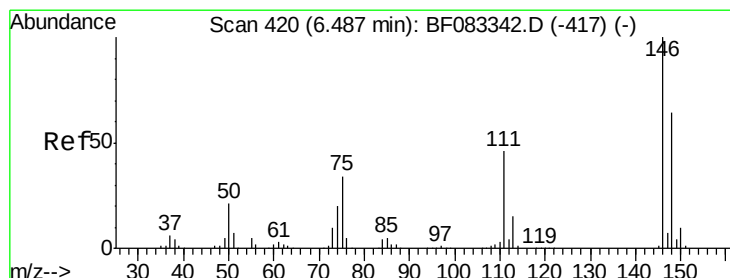
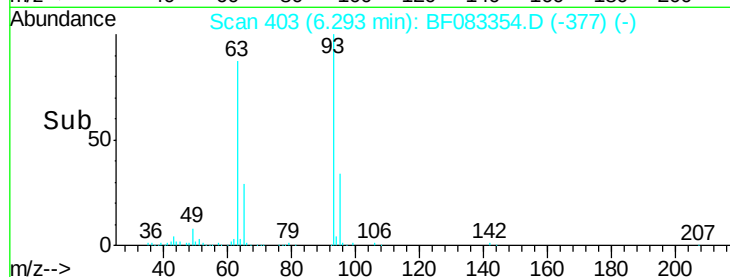
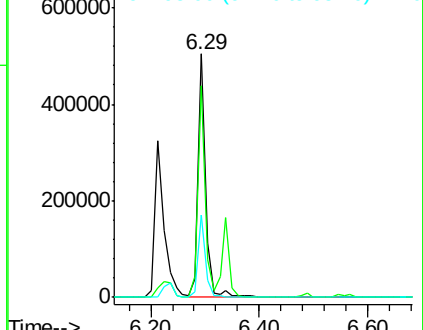
95 33.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.33 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

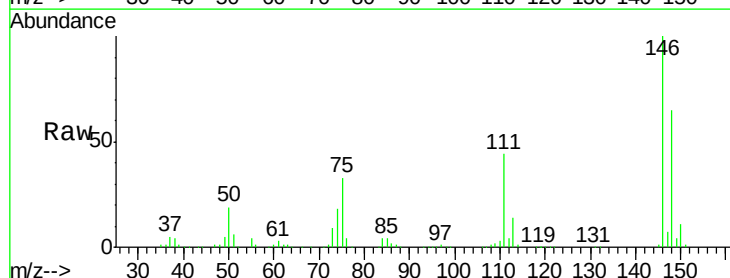
Tgt Ion: 146 Resp: 479018

Ion Ratio Lower Upper

146 100

148 65.0 51.1 76.7

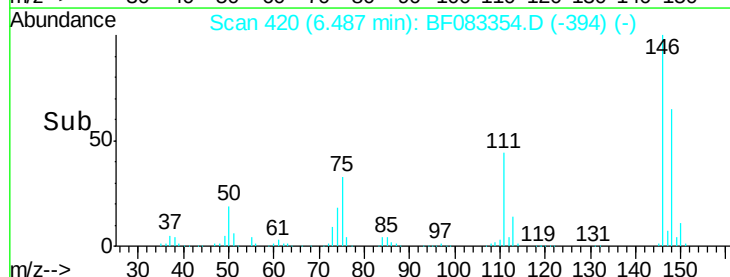
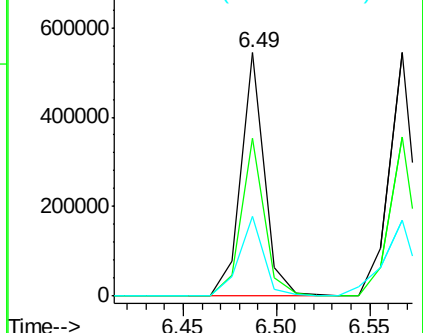
75 32.7 27.5 41.3

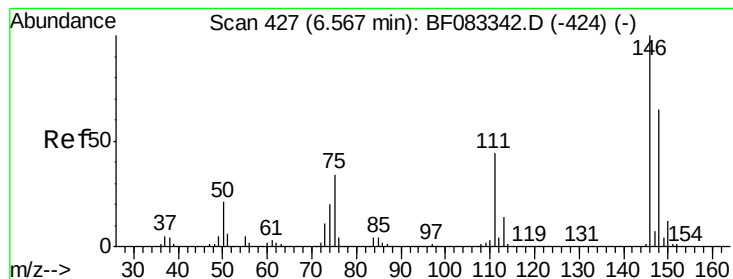


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 34.54 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

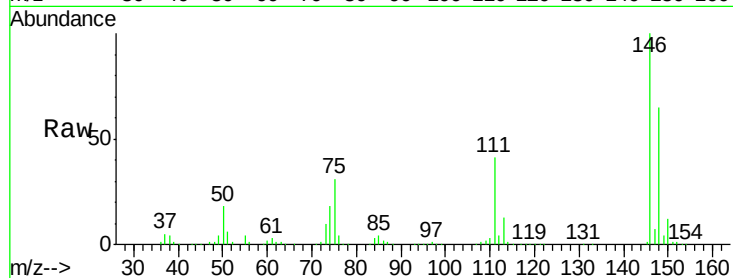
Tgt Ion:146 Resp: 498098

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

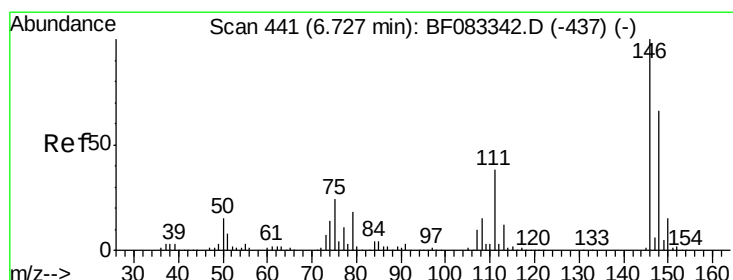
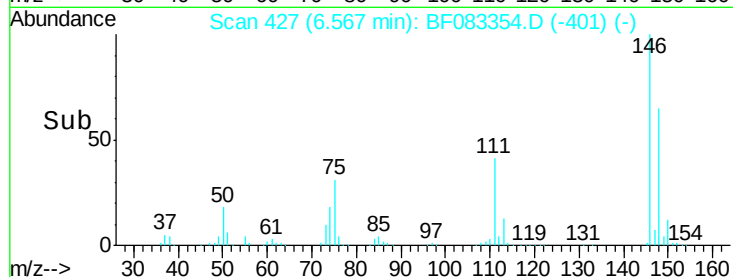
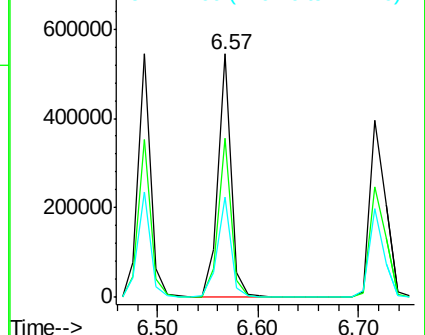
111 41.2 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.65 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.16 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

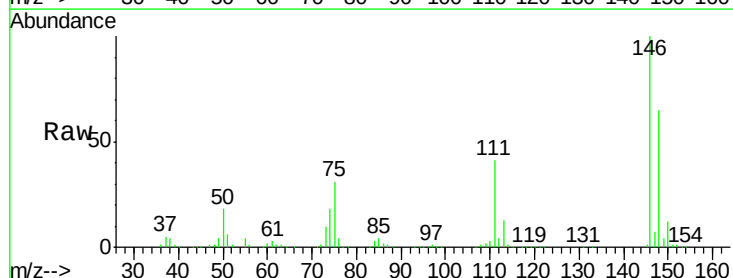
Tgt Ion:146 Resp: 498098

Ion Ratio Lower Upper

146 100

148 65.3 52.5 78.7

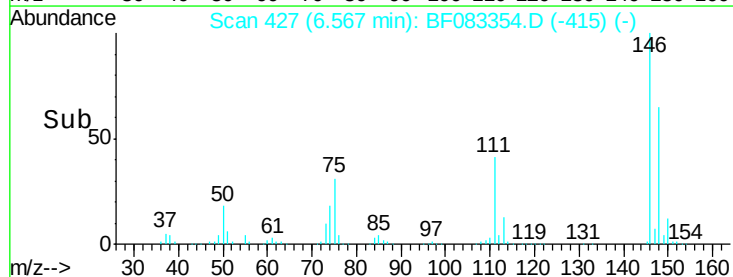
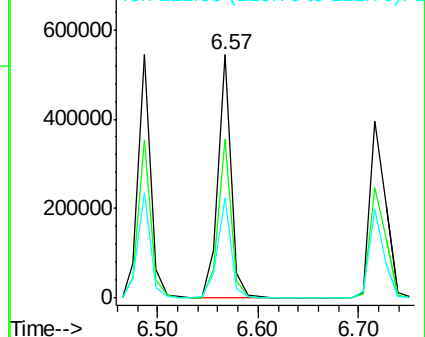
111 41.2 30.6 46.0

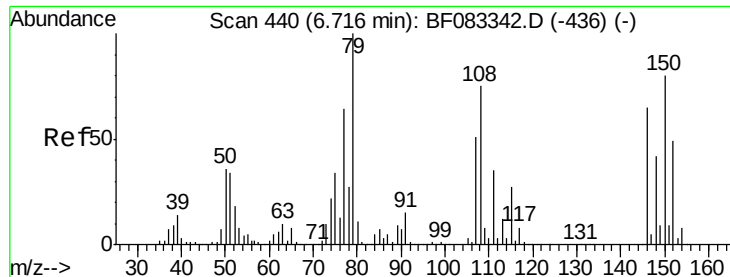


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

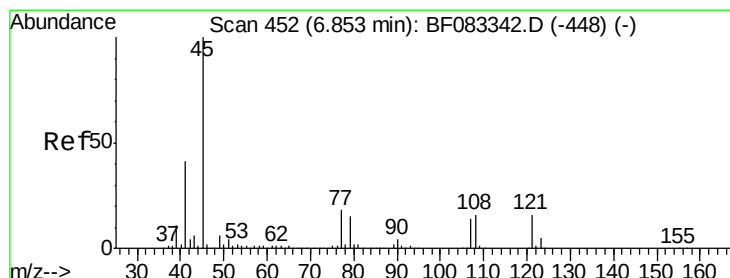
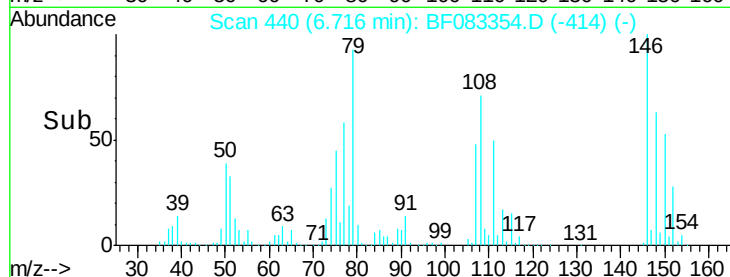
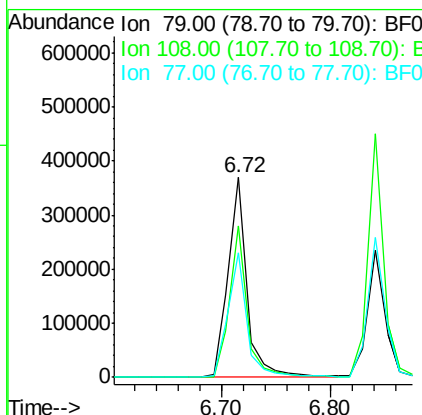
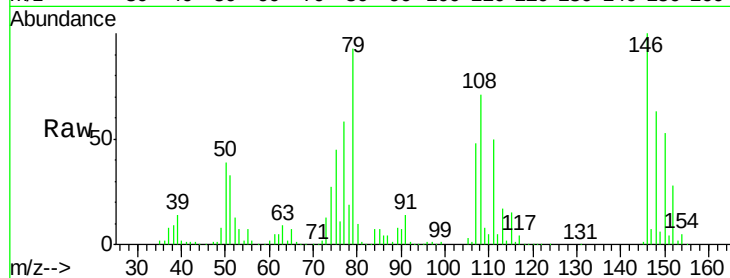




#15
Benzyl Alcohol
Concen: 36.99 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

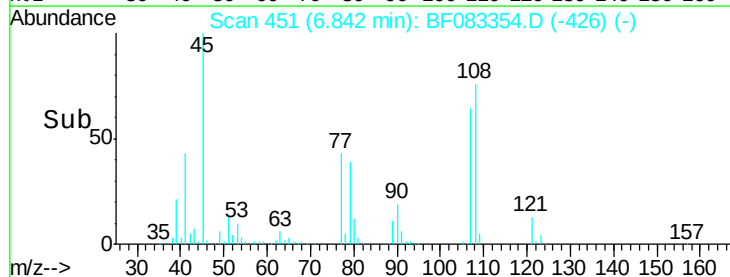
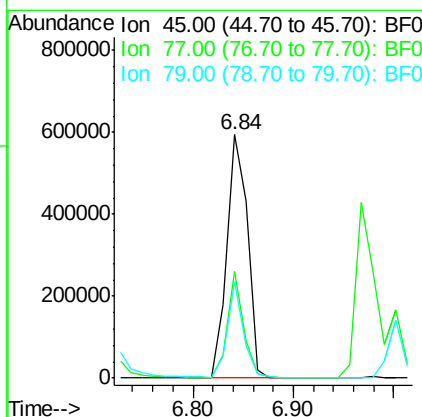
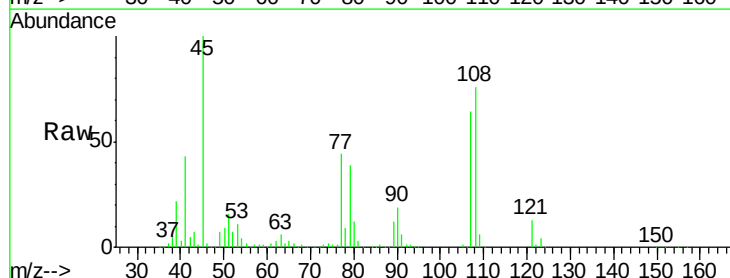
Instrument :
BNA_F
ClientSampleId :
PB86847BS

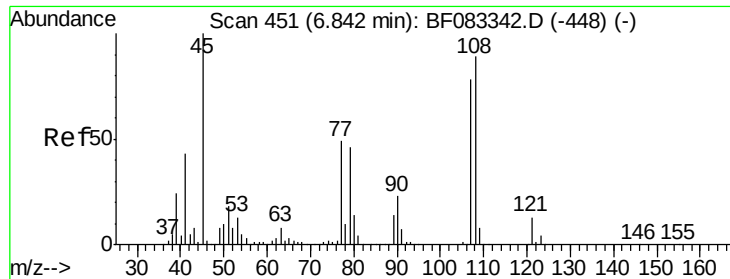
Tgt Ion: 79 Resp: 445307
Ion Ratio Lower Upper
79 100
108 75.7 59.9 89.9
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.41 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion: 45 Resp: 846924
Ion Ratio Lower Upper
45 100
77 43.6 0.0 38.3#
79 39.5 0.0 35.4#

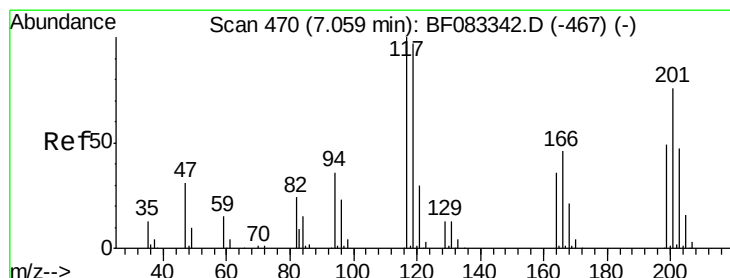
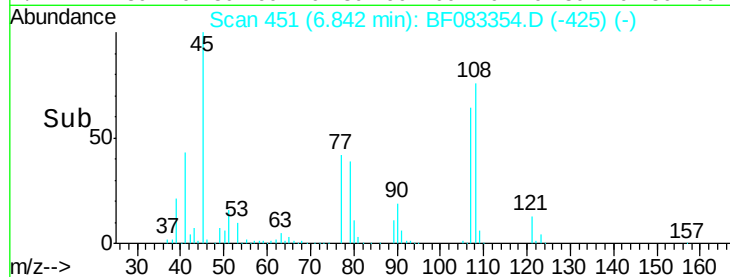
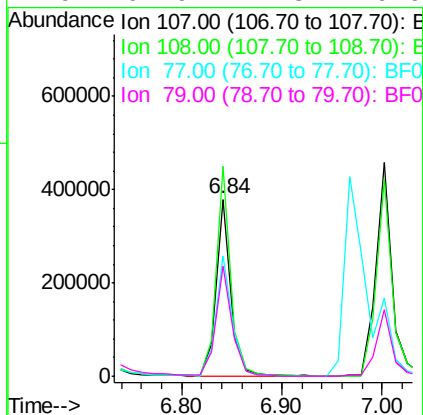
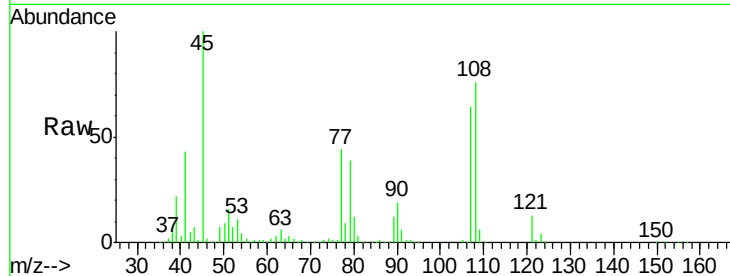




#17
2-Methylphenol
Concen: 36.31 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

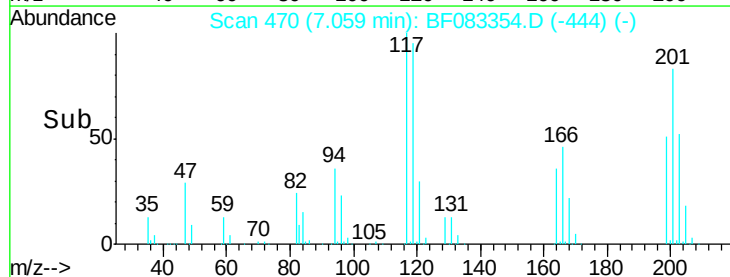
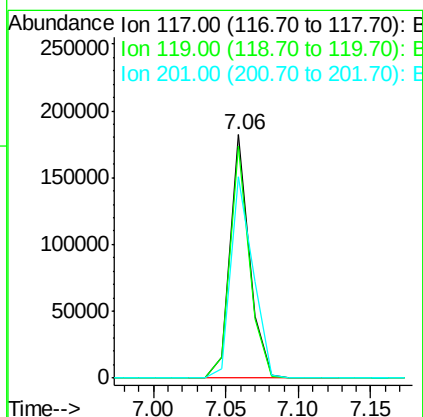
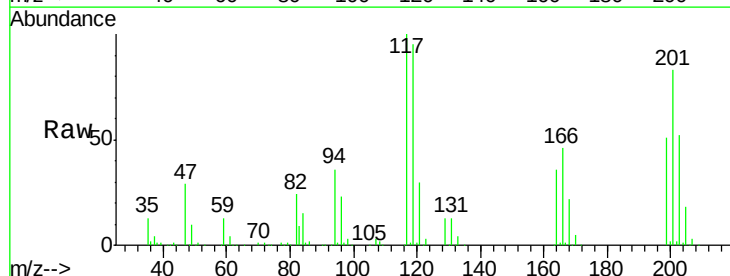
Instrument :
BNA_F
ClientSampleId :
PB86847BS

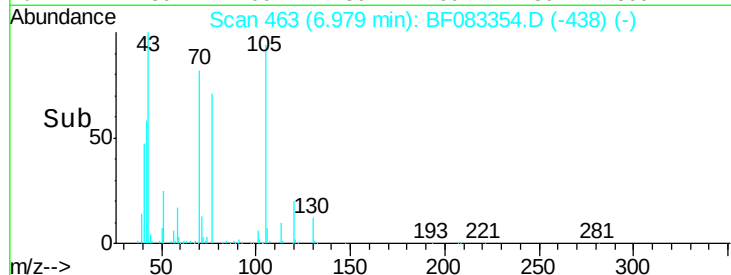
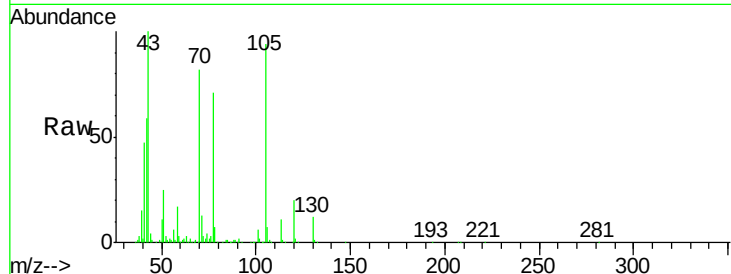
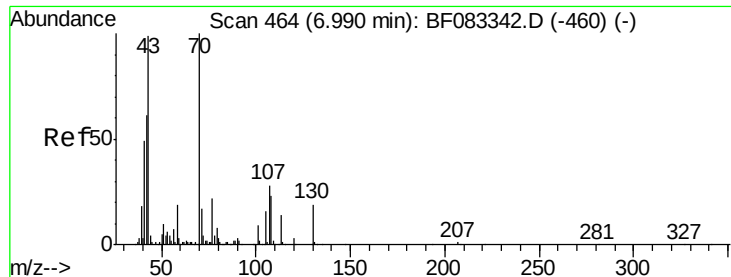
Tgt Ion:	107	Resp:	379923
Ion	Ratio	Lower	Upper
107	100		
108	118.7	91.6	137.4
77	68.3	49.9	74.9
79	61.9	47.3	70.9



#18
Hexachloroethane
Concen: 33.81 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:	117	Resp:	169353
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	82.5	60.6	90.8

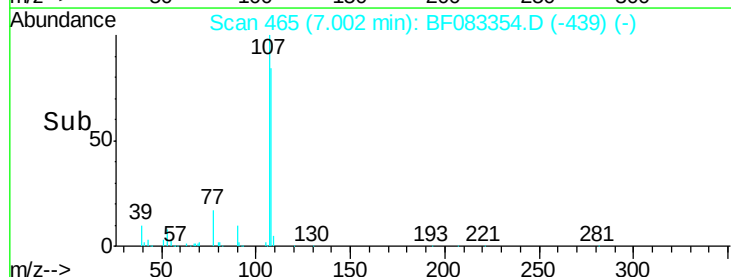
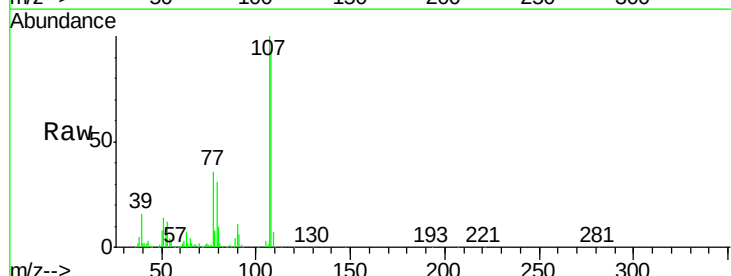
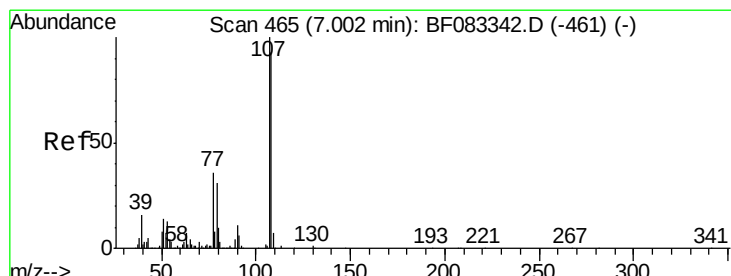
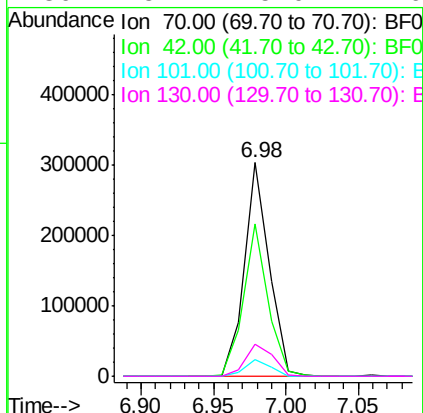




#19
n-Nitroso-di-n-propylamine
Concen: 32.39 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

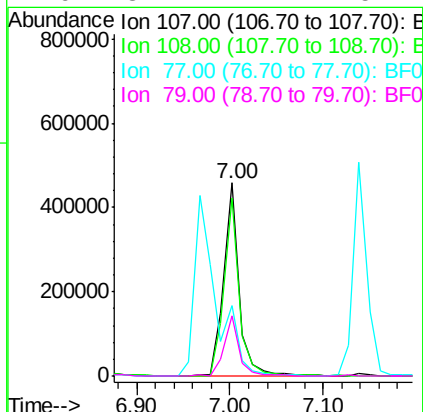
Instrument :
BNA_F
ClientSampleId :
PB86847BS

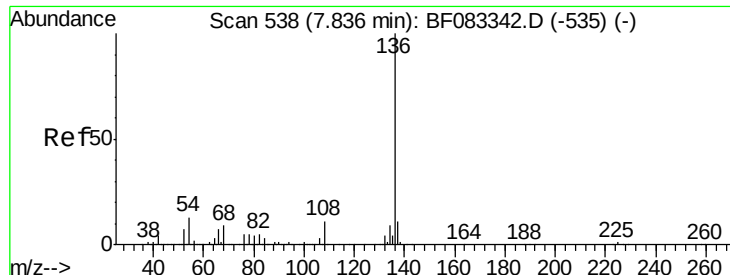
Tgt Ion:	70	Resp:	360590
Ion	Ratio	Lower	Upper
70	100		
42	71.3	48.8	73.2
101	7.9	7.1	10.7
130	15.1	15.0	22.6



#20
3+4-Methylphenols
Concen: 36.78 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:	107	Resp:	521231
Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.0	113.0
77	36.3	16.8	56.8
79	31.1	11.4	51.4

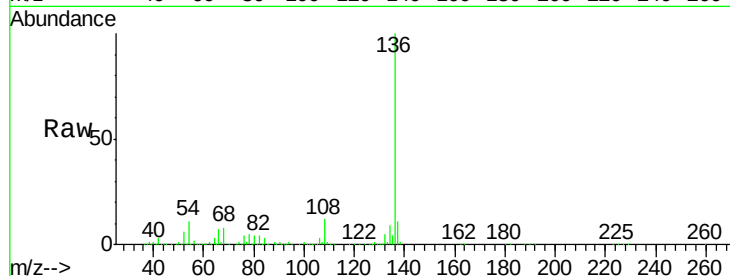




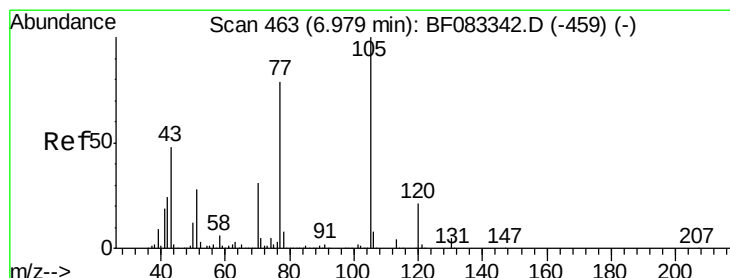
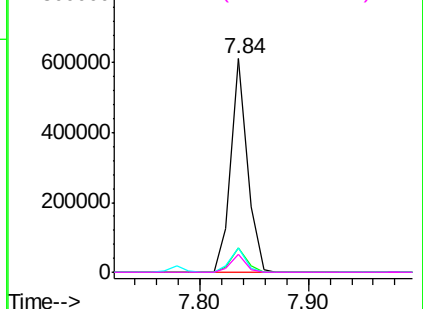
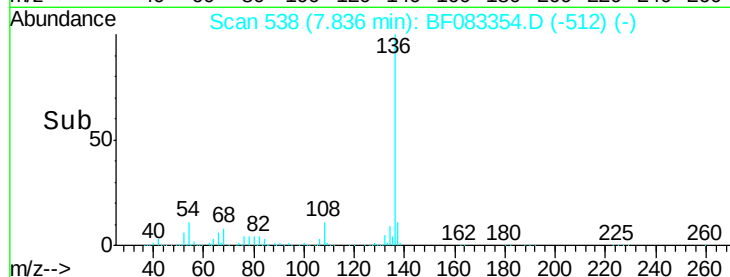
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:	136	Resp:	641965
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	11.4	10.1	15.1
68	8.2	7.1	10.7

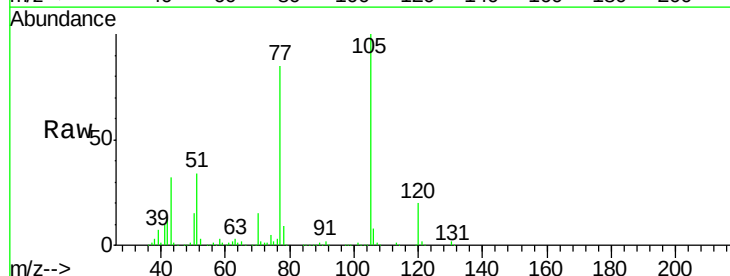


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

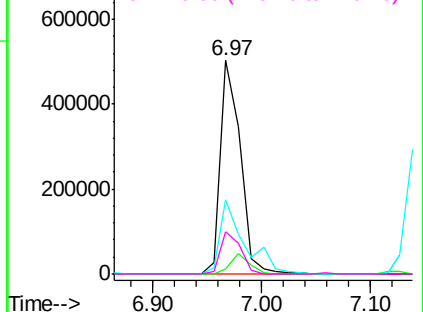
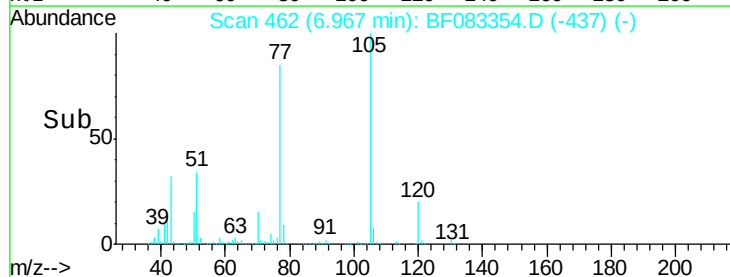


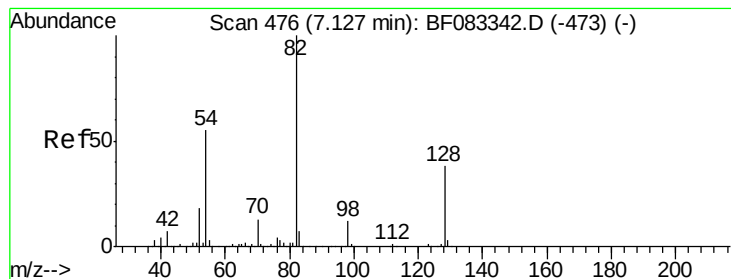
#22
Acetophenone
Concen: 33.52 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:	105	Resp:	643912
Ion Ratio	Lower	Upper	
105	100		
71	2.4	4.3	6.5#
51	34.5	22.9	34.3#
120	20.1	16.7	25.1



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: 73.83 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

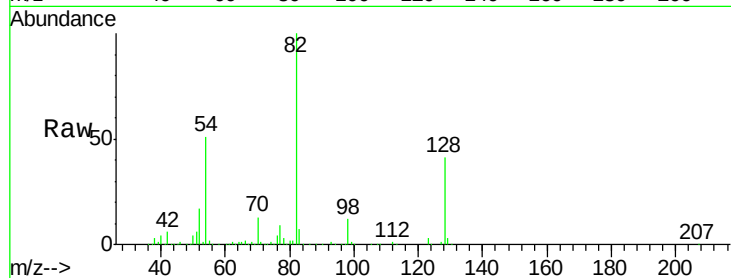
Tgt Ion: 82 Resp: 1078133

Ion Ratio Lower Upper

82 100

128 41.1 30.6 46.0

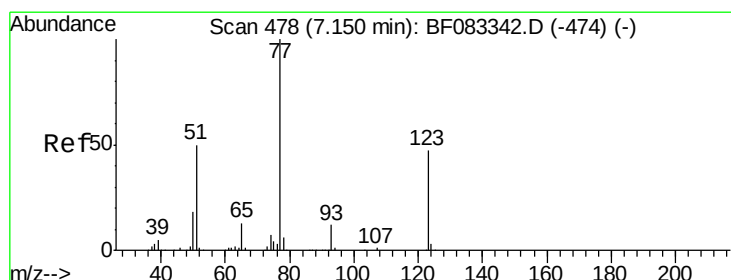
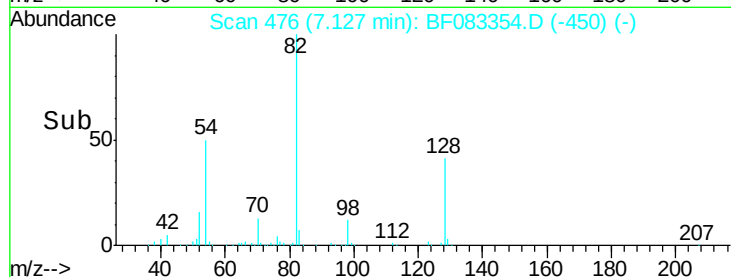
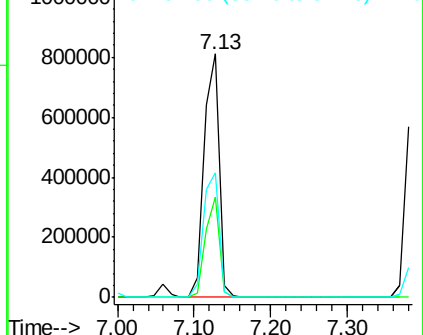
54 51.0 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.94 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

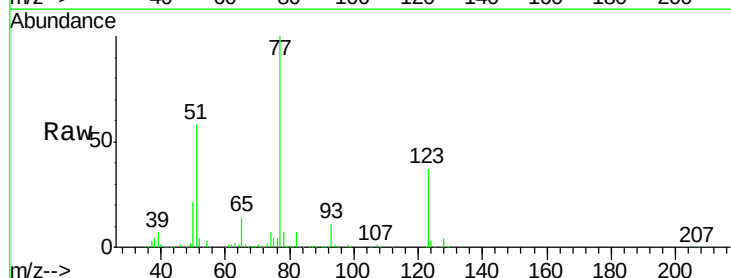
Tgt Ion: 77 Resp: 513718

Ion Ratio Lower Upper

77 100

123 37.2 37.4 56.0#

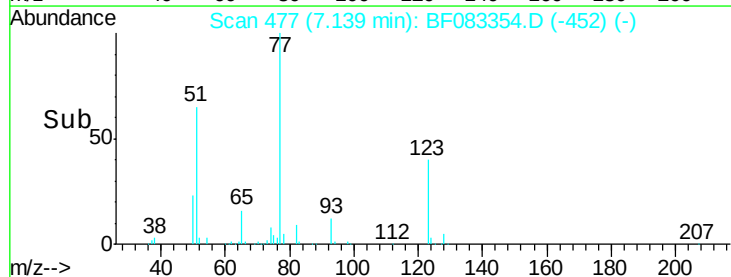
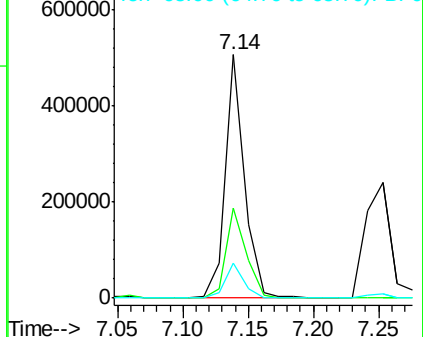
65 14.1 10.6 15.8

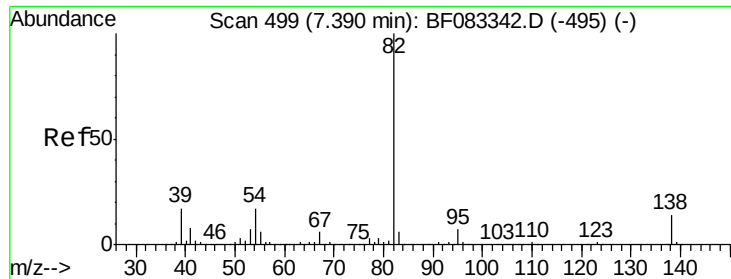


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.22 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

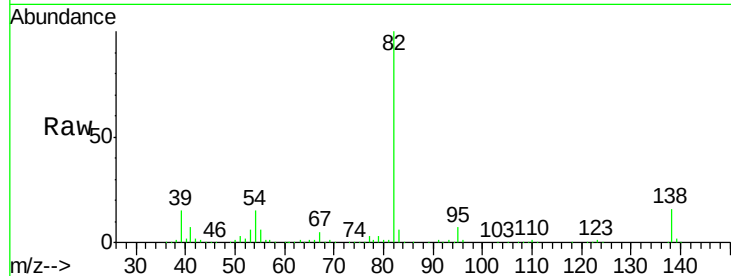
Tgt Ion: 82 Resp: 967997

Ion Ratio Lower Upper

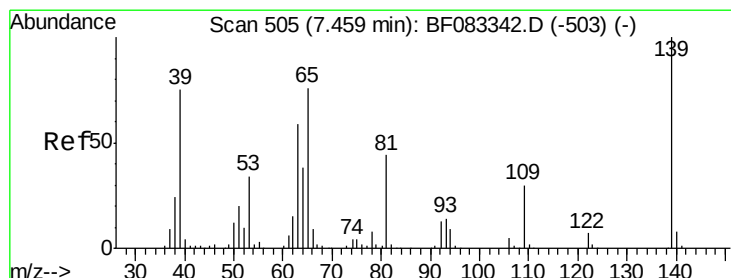
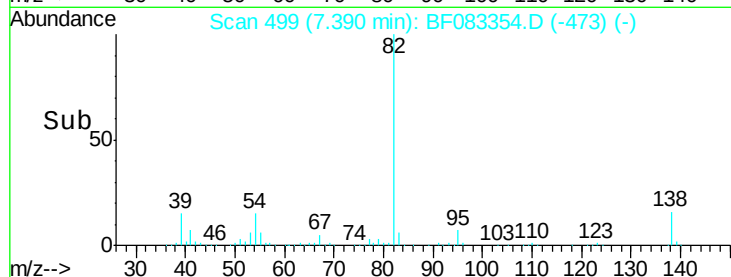
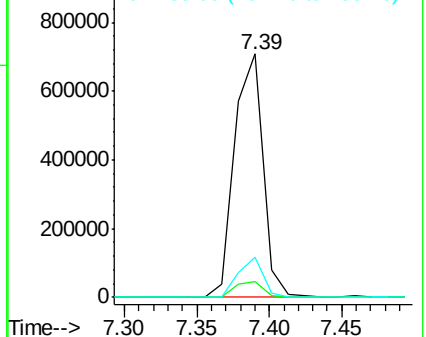
82 100

95 6.6 5.3 7.9

138 16.4 11.6 17.4



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



#26

2-Nitrophenol

Concen: 33.87 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

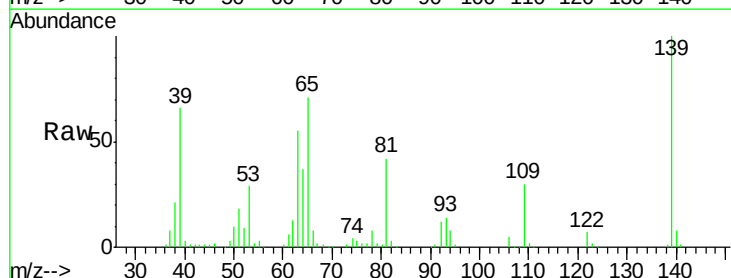
Tgt Ion: 139 Resp: 215605

Ion Ratio Lower Upper

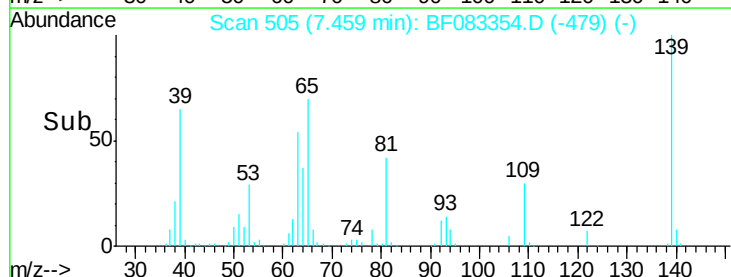
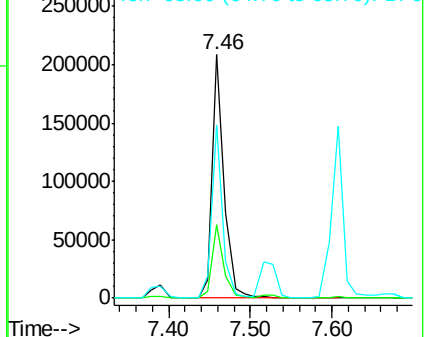
139 100

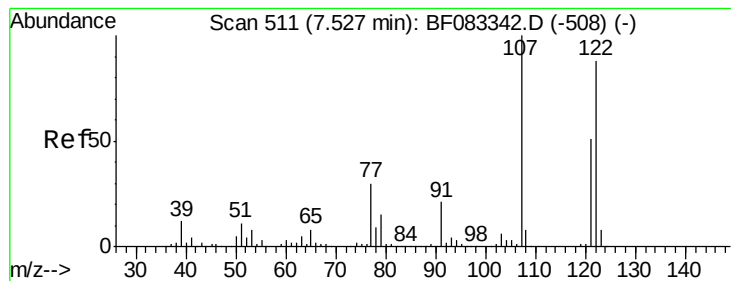
109 30.3 24.2 36.4

65 71.0 61.0 91.6



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

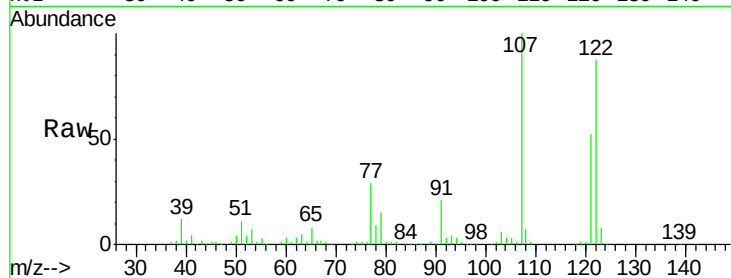




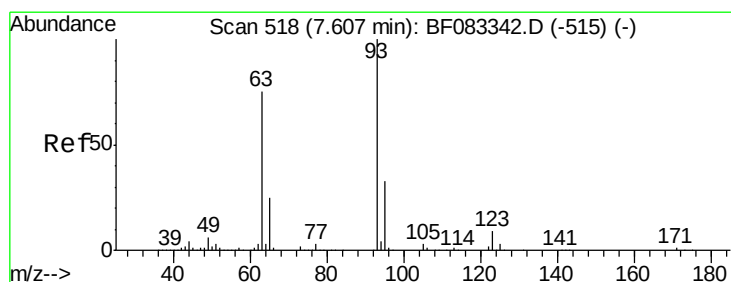
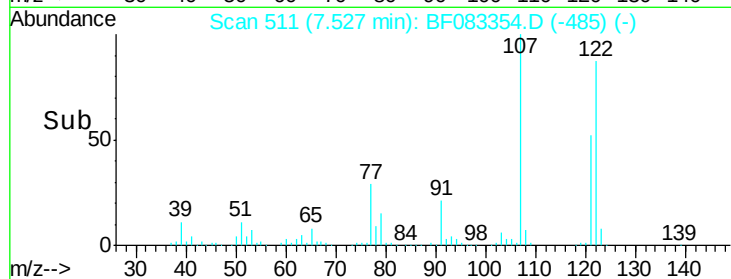
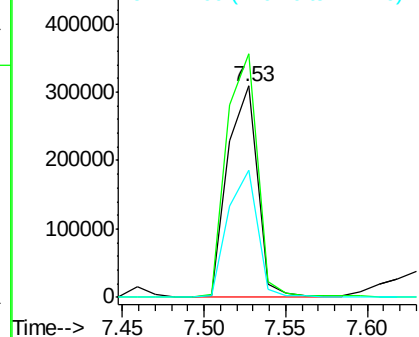
#27
 2,4-Dimethylphenol
 Concen: 36.80 ng
 RT: 7.53 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion: 122 Resp: 392724
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.2 136.8
 121 59.9 46.4 69.6

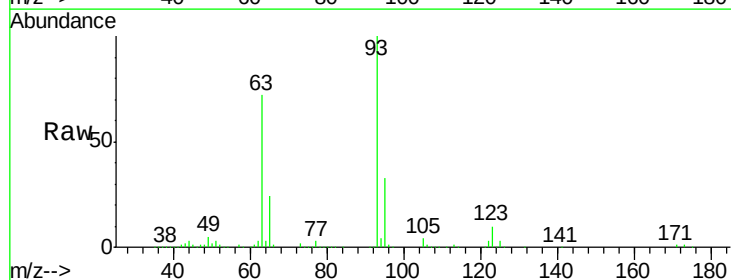


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

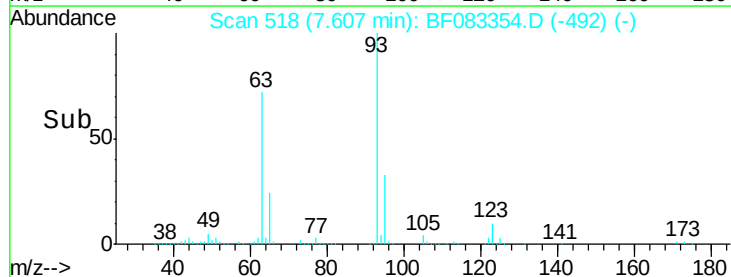
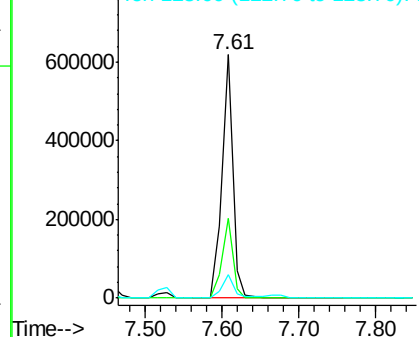


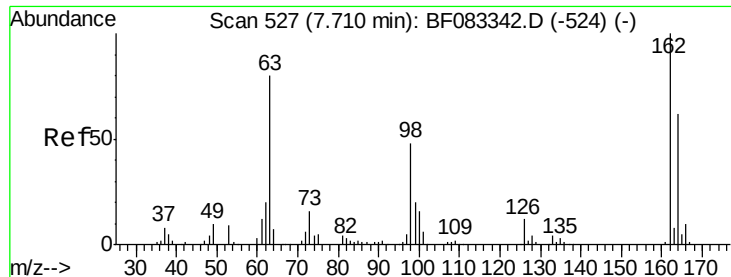
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.98 ng
 RT: 7.61 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion: 93 Resp: 611797
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 9.7 7.4 11.0



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

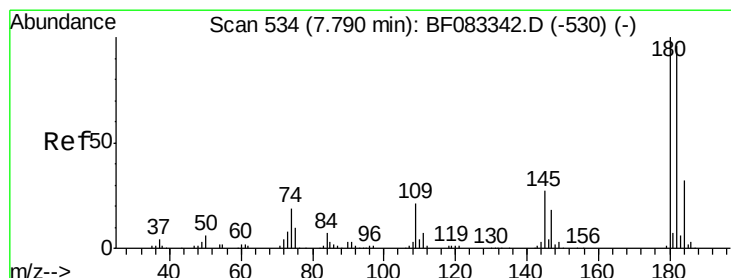
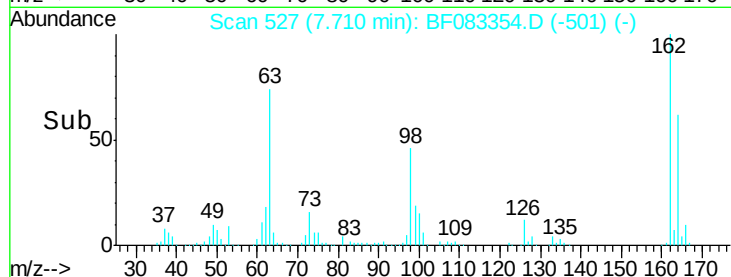
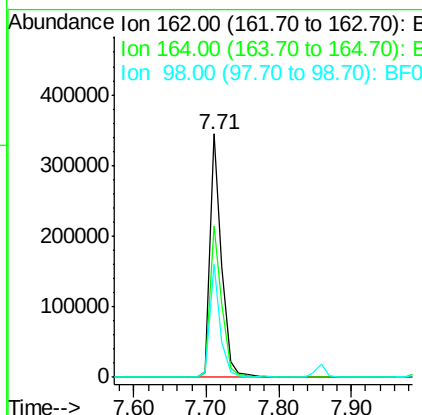
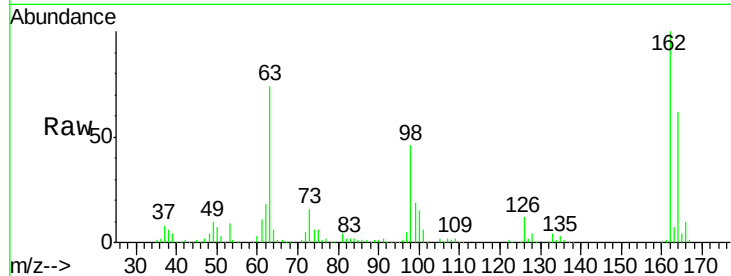




#29
 2,4-Dichlorophenol
 Concen: 36.64 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

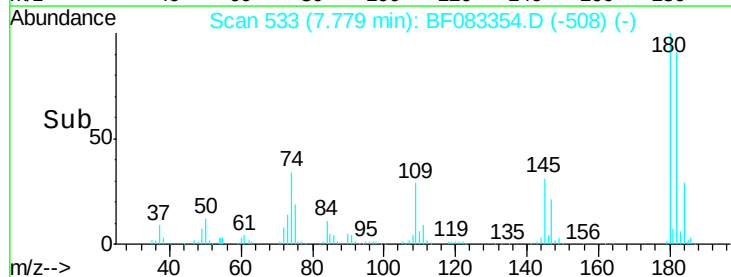
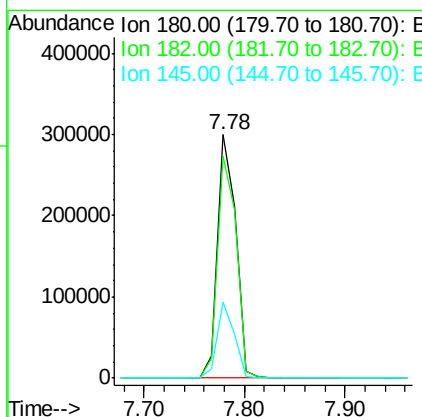
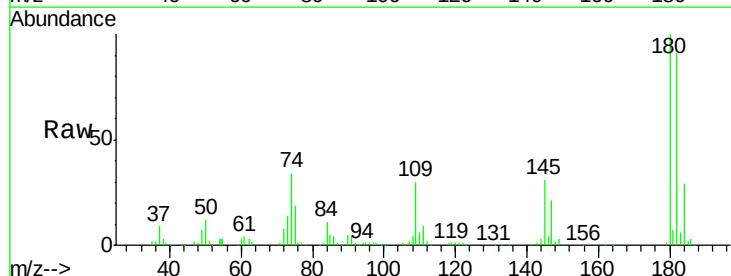
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

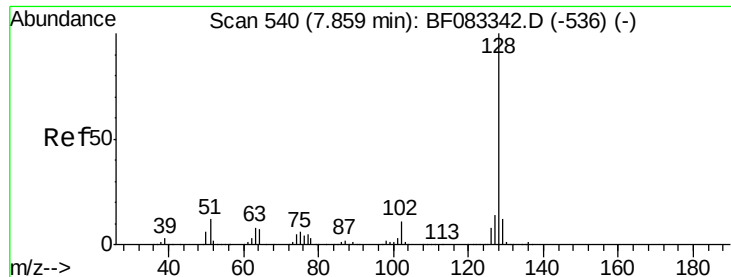
Tgt Ion:162 Resp: 376096
 Ion Ratio Lower Upper
 162 100
 164 62.3 41.9 81.9
 98 46.3 28.1 68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.97 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:180 Resp: 379461
 Ion Ratio Lower Upper
 180 100
 182 91.1 77.2 115.8
 145 31.0 21.4 32.2

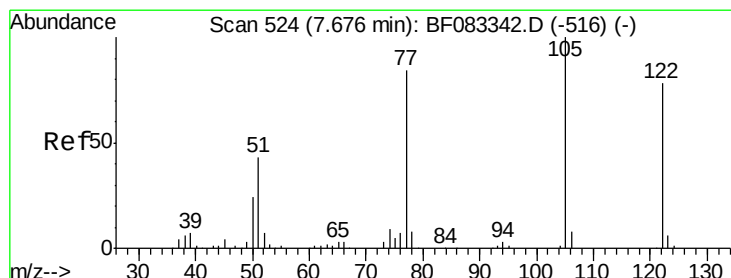
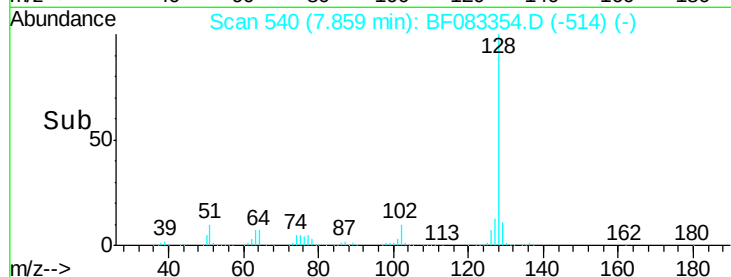
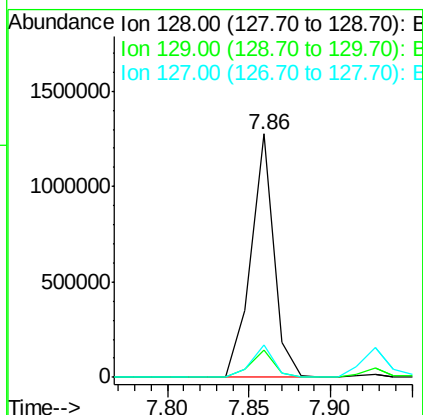
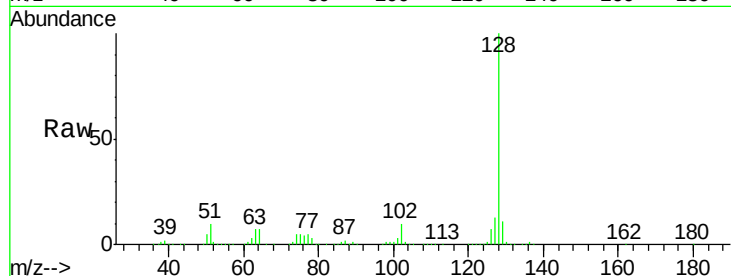




#31
Naphthalene
Concen: 36.07 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

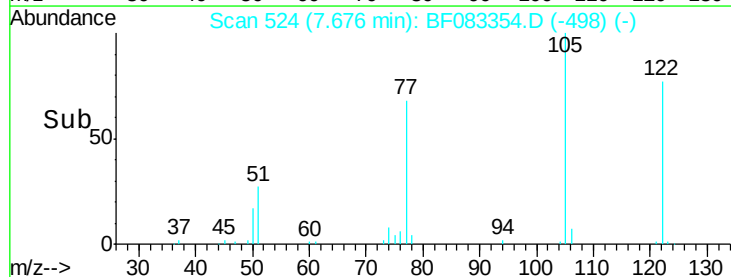
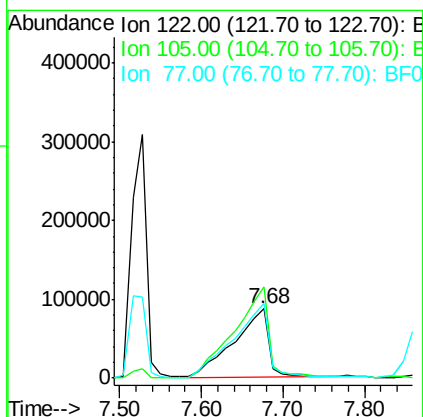
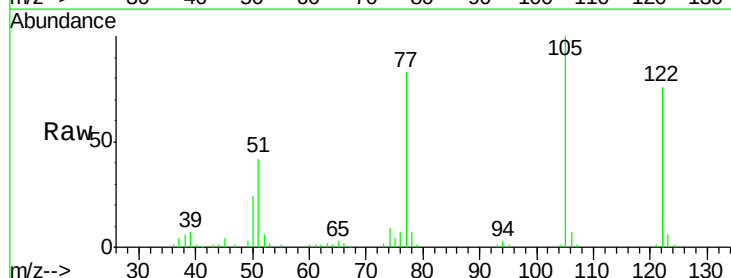
Instrument :
BNA_F
ClientSampleId :
PB86847BS

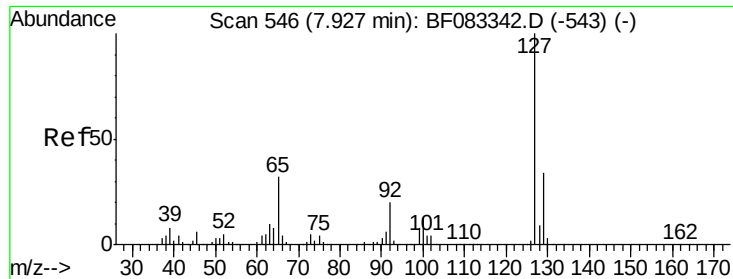
Tgt Ion:128 Resp: 1256549
Ion Ratio Lower Upper
128 100
129 11.4 9.7 14.5
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 35.34 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:122 Resp: 260124
Ion Ratio Lower Upper
122 100
105 131.6 106.0 146.0
77 108.8 86.3 126.3

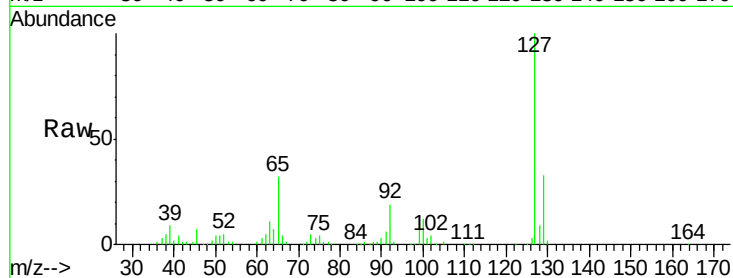




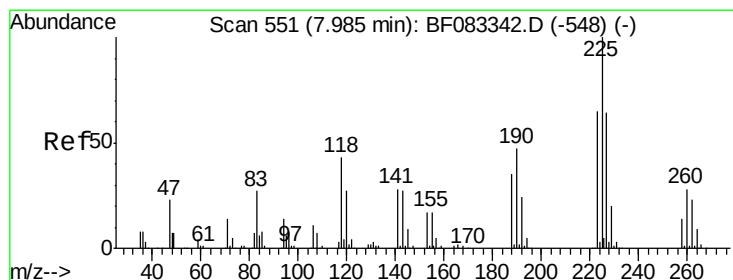
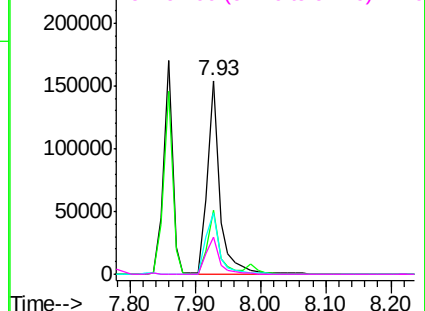
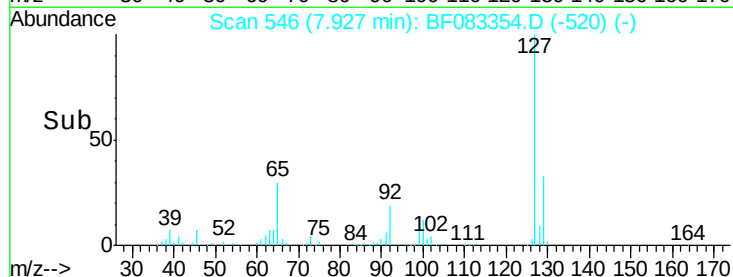
#33
4-Chloroaniline
Concen: 13.57 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:	127	Resp:	203746
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	31.9	25.9	38.9
92	18.9	15.8	23.8

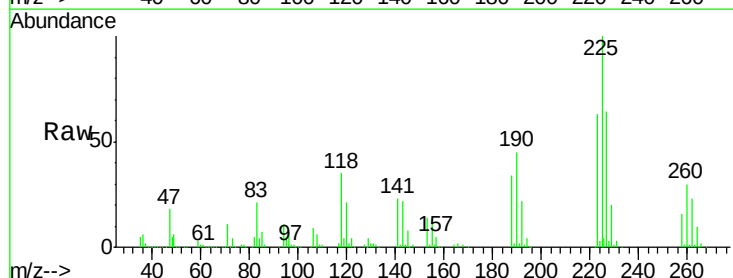


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

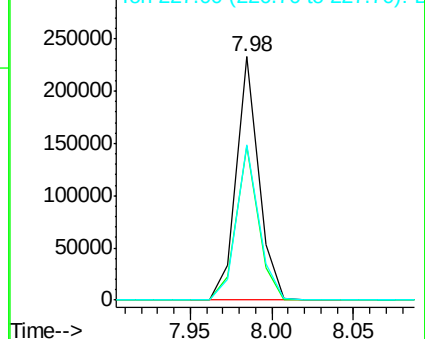
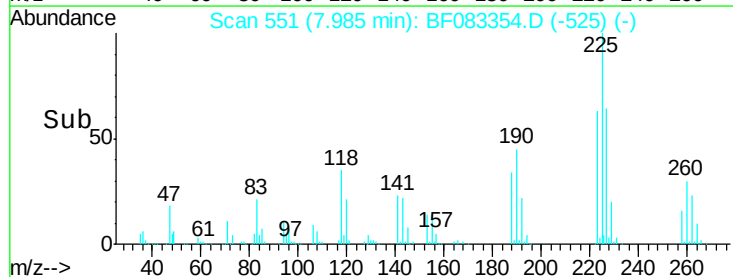


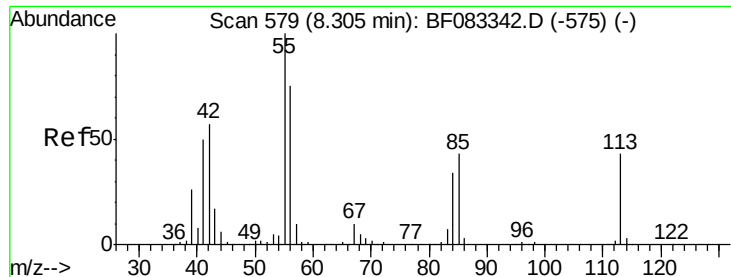
#34
Hexachlorobutadiene
Concen: 34.76 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:	225	Resp:	220473
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.0	78.0
227	63.8	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

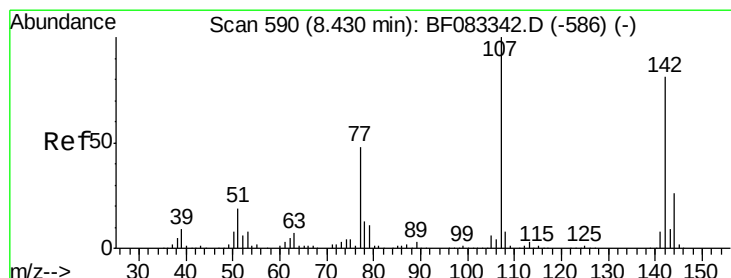
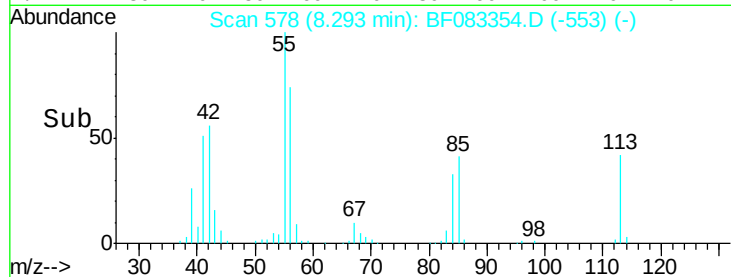
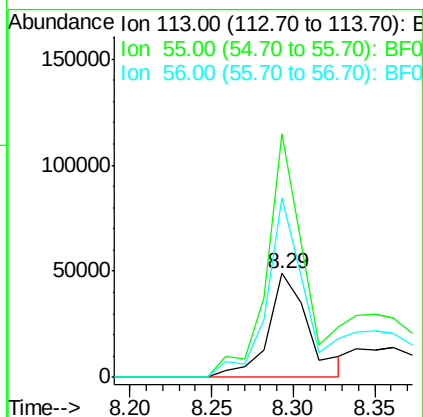
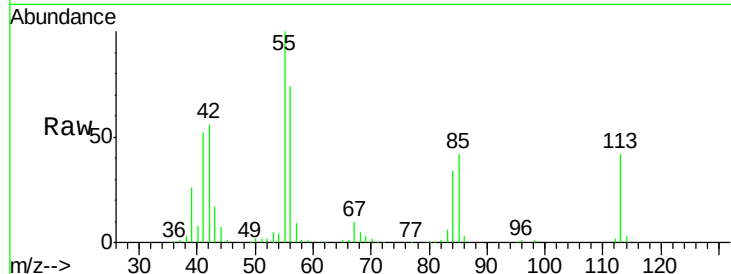




#35
 Caprolactam
 Concen: 26.08 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

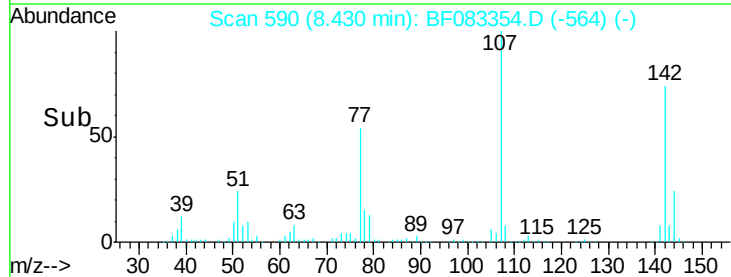
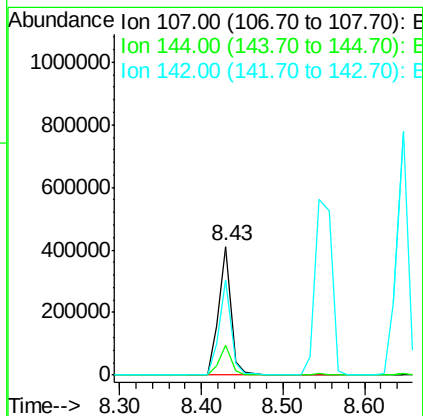
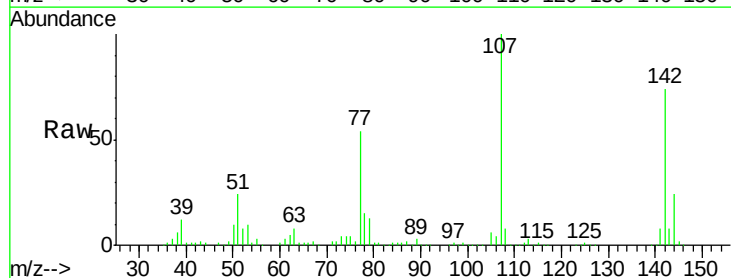
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

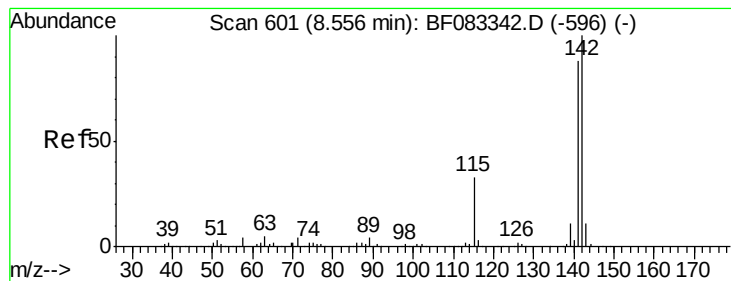
Tgt Ion:113 Resp: 84586
 Ion Ratio Lower Upper
 113 100
 55 235.3 211.6 251.6
 56 173.2 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.88 ng
 RT: 8.43 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:107 Resp: 436027
 Ion Ratio Lower Upper
 107 100
 144 23.6 21.1 31.7
 142 74.4 65.1 97.7





#37

2-Methylnaphthalene

Concen: 34.26 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

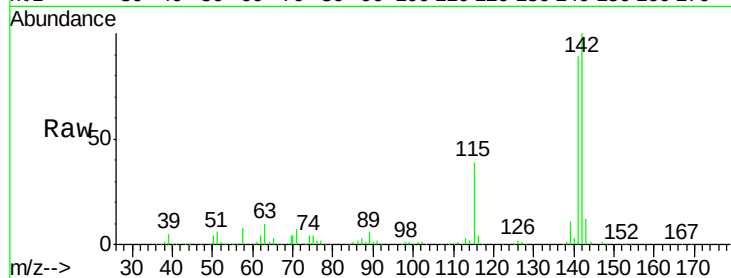
Tgt Ion:142 Resp: 797635

Ion Ratio Lower Upper

142 100

141 89.3 70.6 105.8

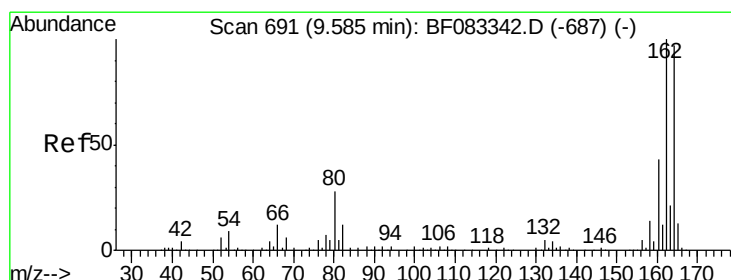
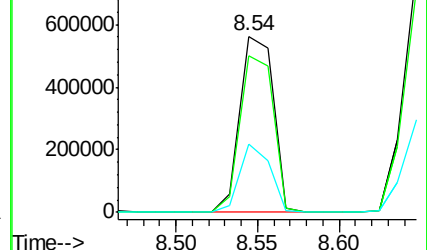
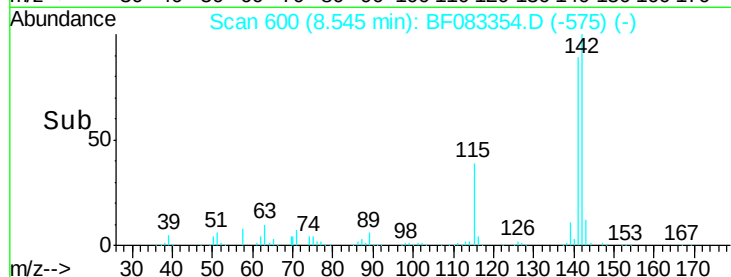
115 39.2 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

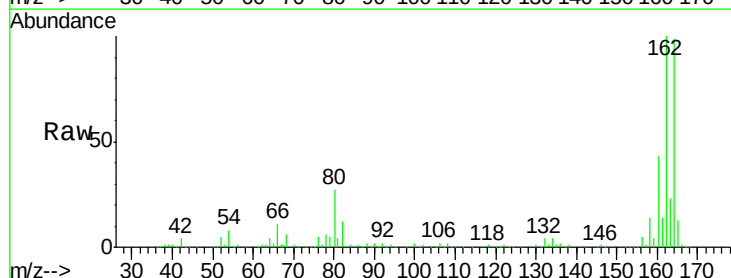
Tgt Ion:164 Resp: 332953

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

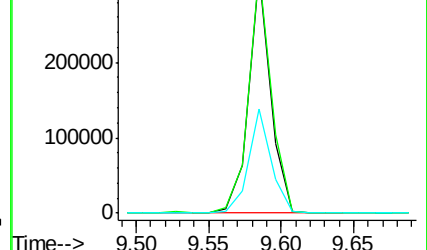
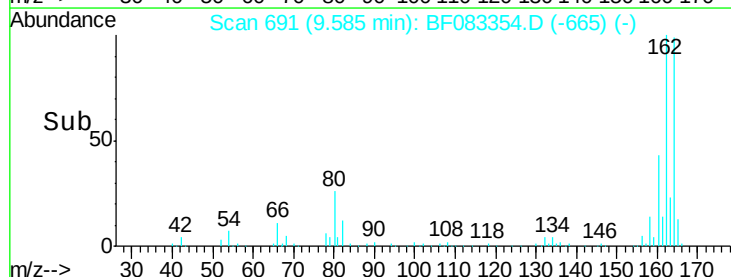
160 43.4 35.3 52.9

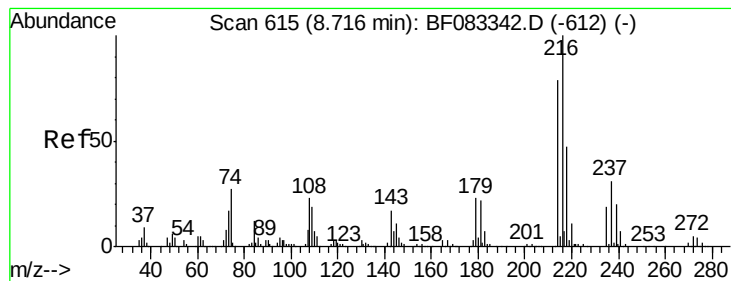


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.60 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

Tgt Ion:216 Resp: 354638

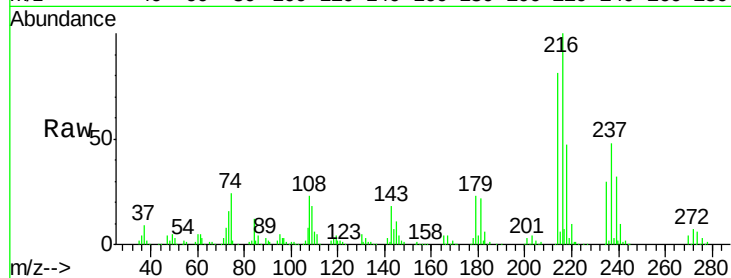
Ion Ratio Lower Upper

216 100

214 80.1 62.3 93.5

179 21.7 17.0 25.4

108 23.4 16.7 25.1

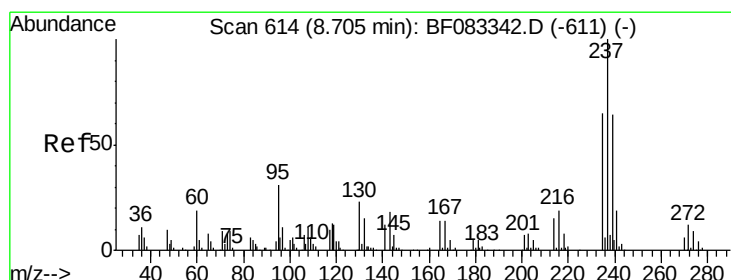
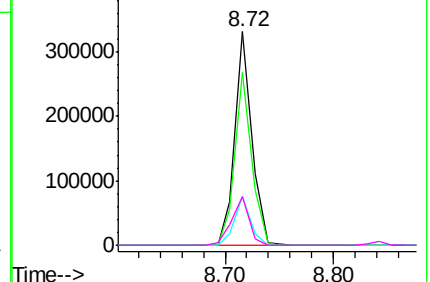
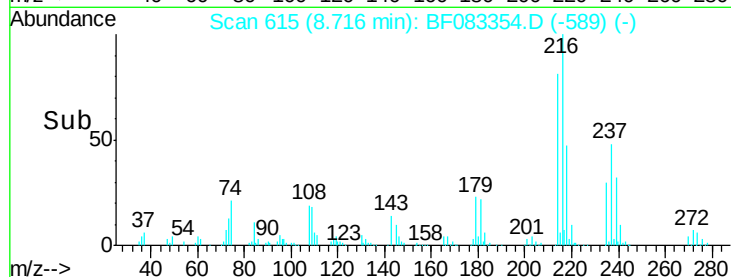


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.87 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

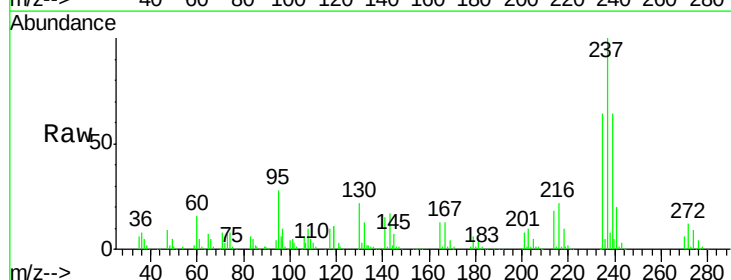
Tgt Ion:237 Resp: 360310

Ion Ratio Lower Upper

237 100

235 64.3 44.5 84.5

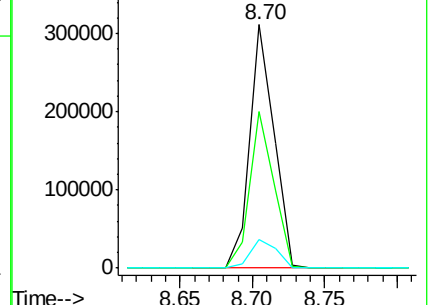
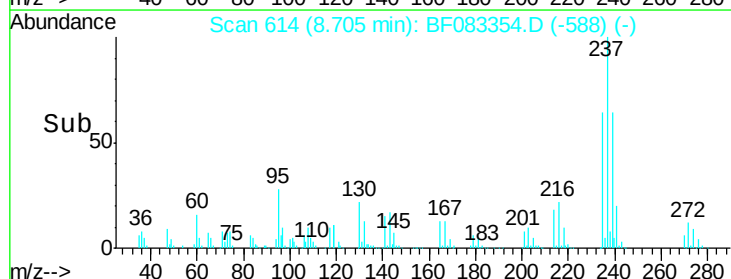
272 11.7 0.0 31.6

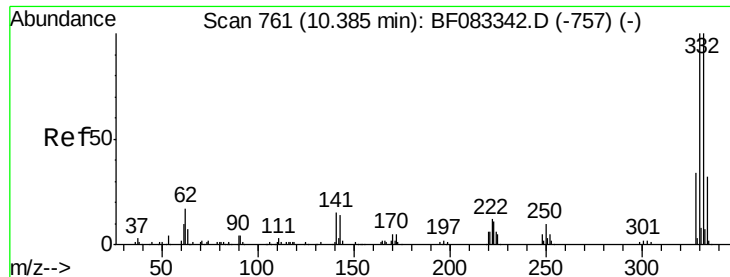


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

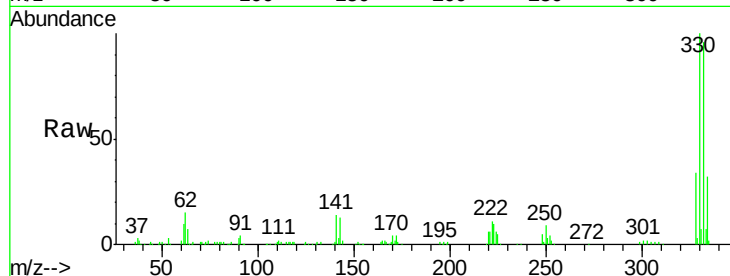




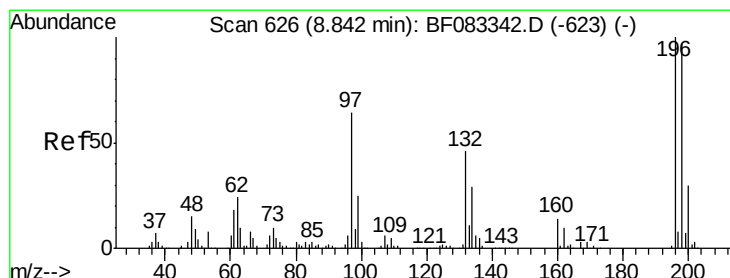
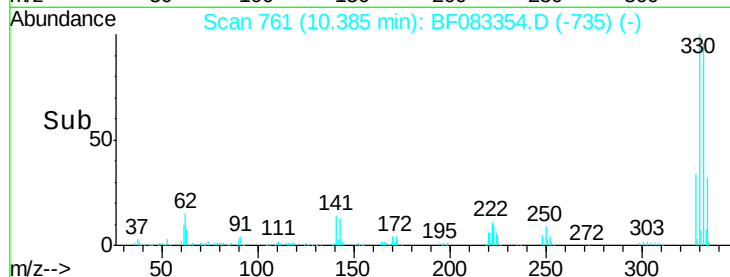
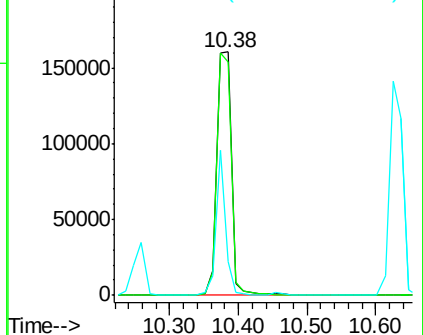
#41
 2,4,6-Tribromophenol
 Concen: 73.08 ng
 RT: 10.38 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:330 Resp: 244244
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.8 116.6
 141 38.1 29.4 44.0

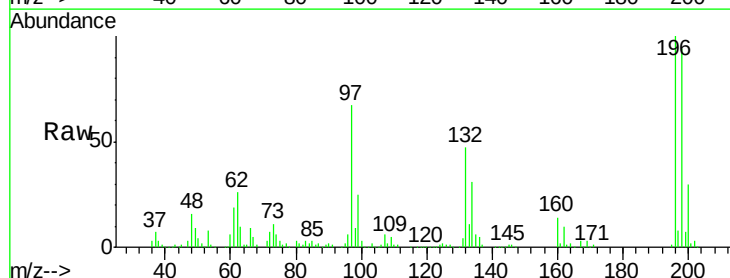


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

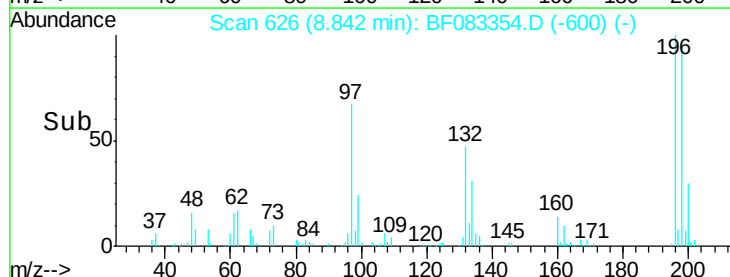
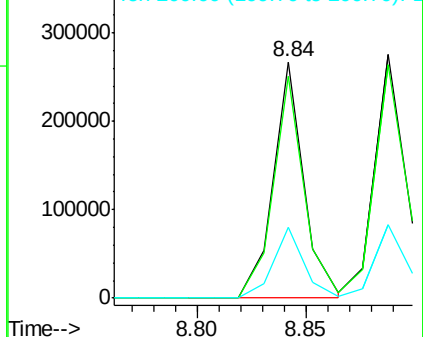


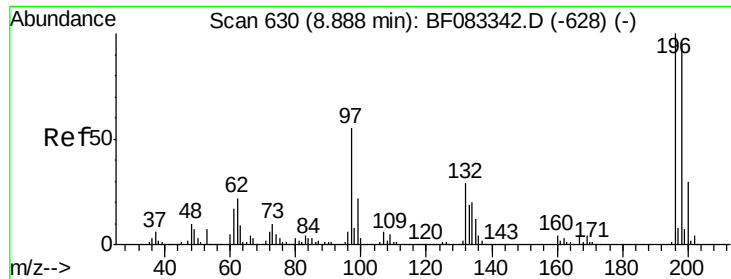
#42
 2,4,6-Trichlorophenol
 Concen: 35.44 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:196 Resp: 262398
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.2 115.8
 200 30.0 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

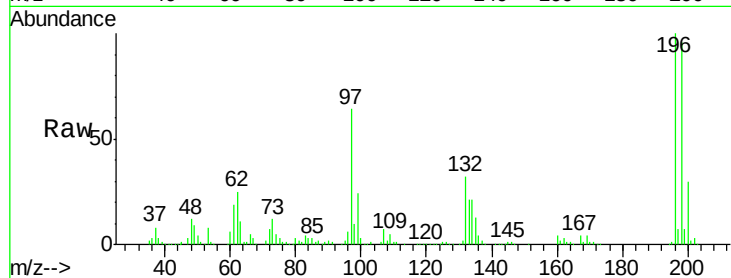




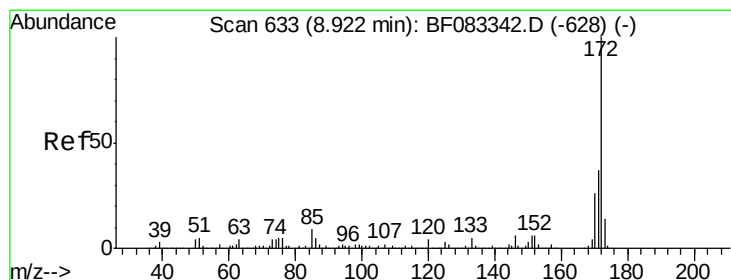
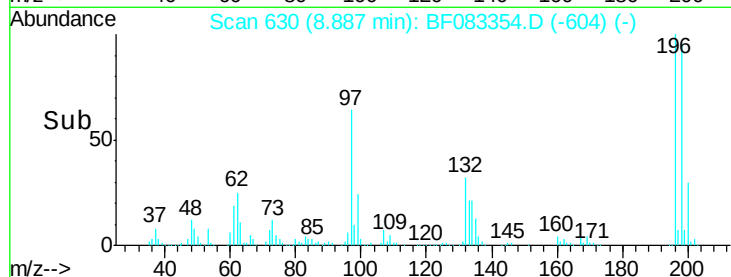
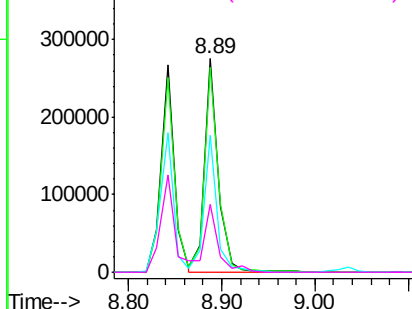
#43
 2,4,5-Trichlorophenol
 Concen: 37.14 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:196 Resp: 284924
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.2 115.8
 97 64.1 44.4 66.6
 132 32.1 23.2 34.8

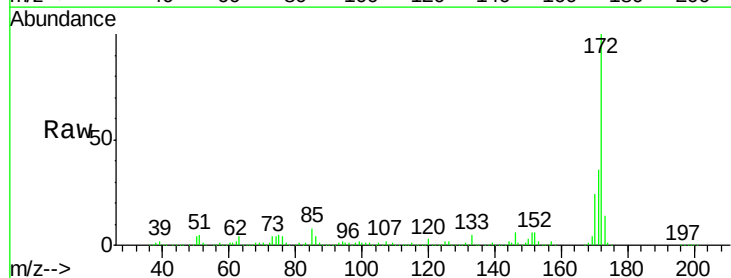


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

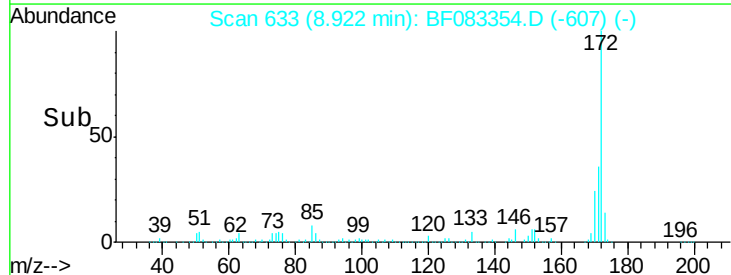
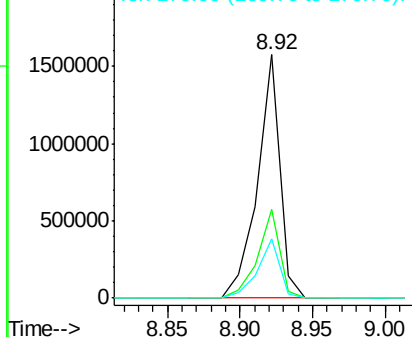


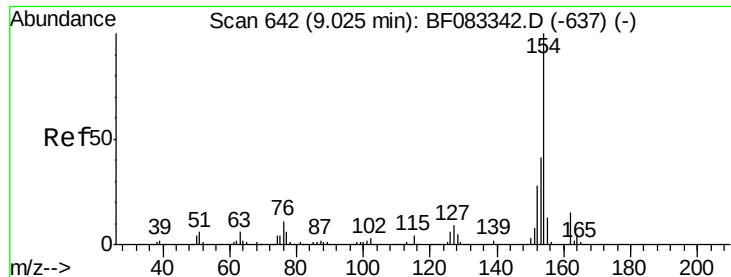
#44
 2-Fluorobiphenyl
 Concen: 72.60 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:172 Resp: 1696348
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.3 20.4 30.6



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

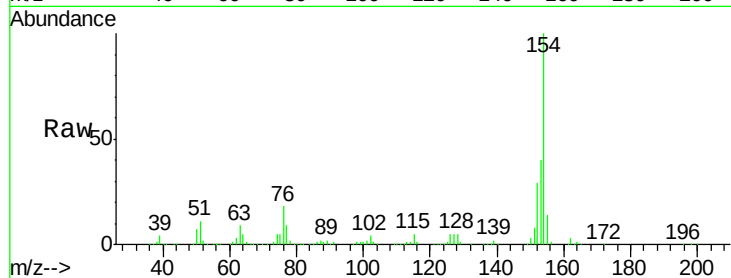




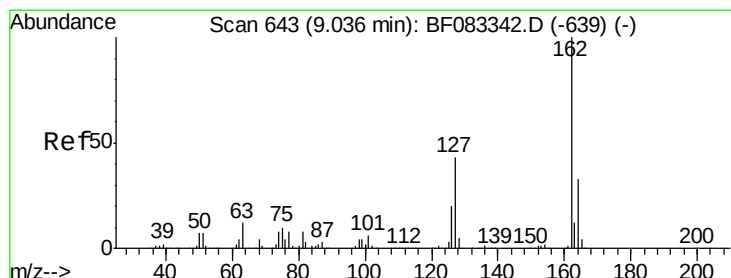
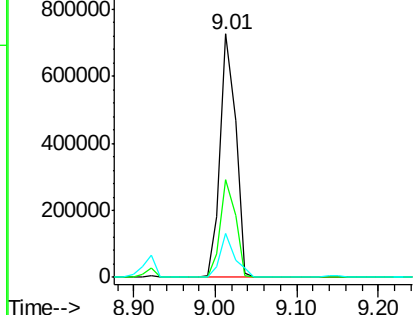
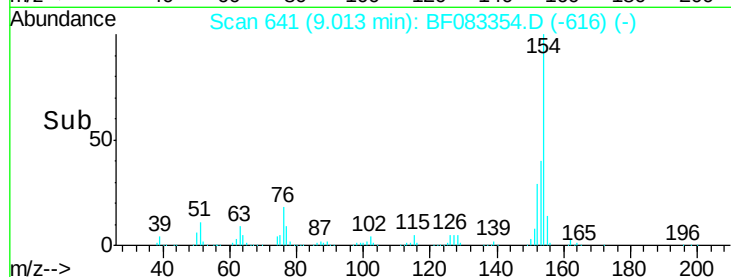
#45
 1,1'-Biphenyl
 Concen: 32.91 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	18.2	0.0	30.5

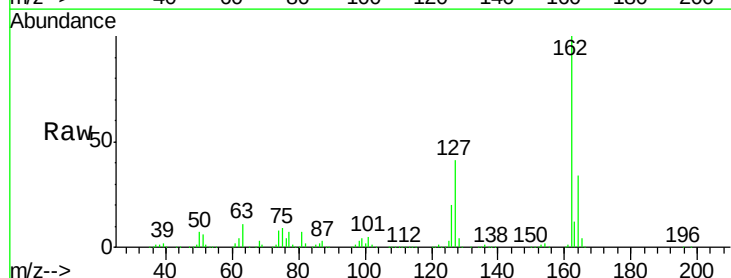


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

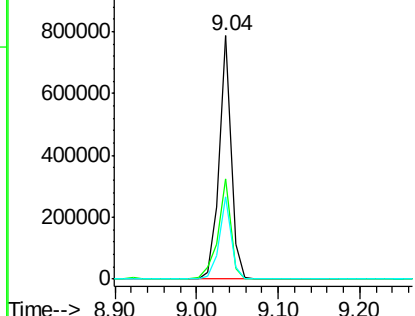
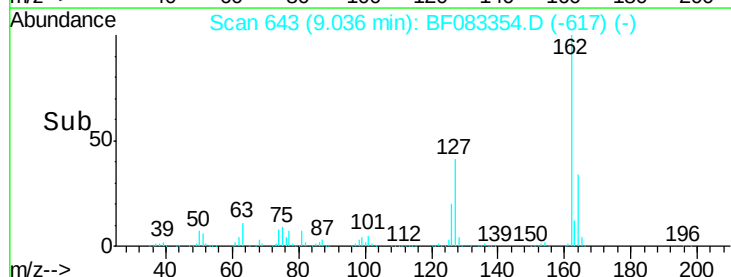


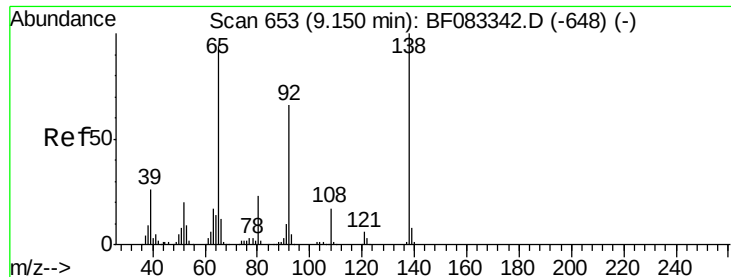
#46
 2-Chloronaphthalene
 Concen: 36.01 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.1	51.1
164	33.6	26.6	39.8



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

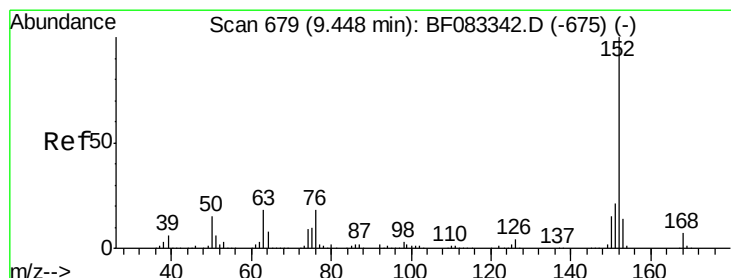
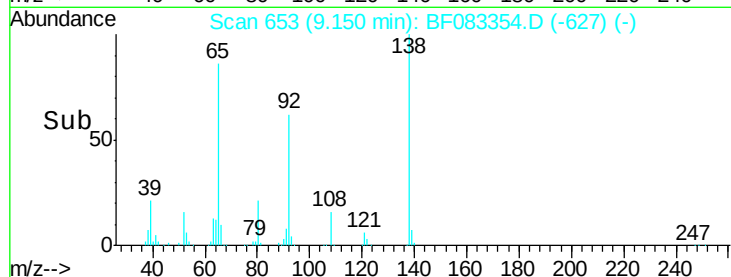
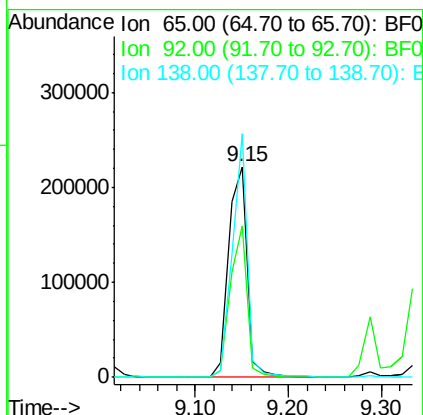
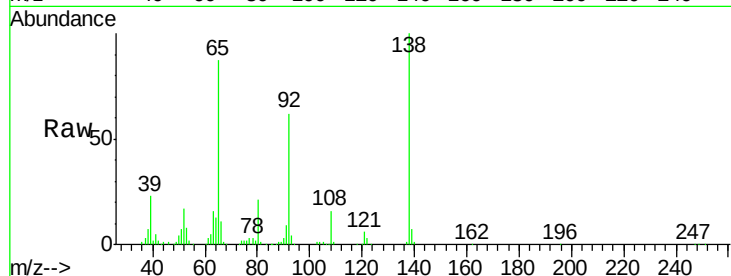




#47
2-Nitroaniline
Concen: 35.06 ng
RT: 9.15 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

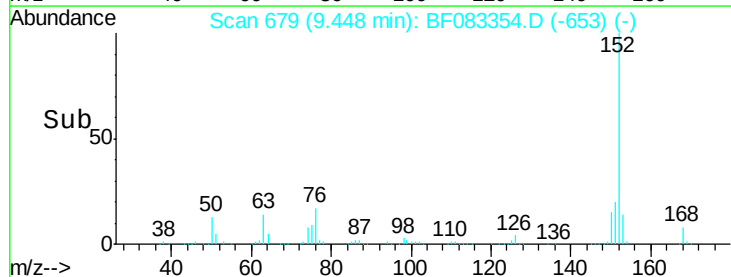
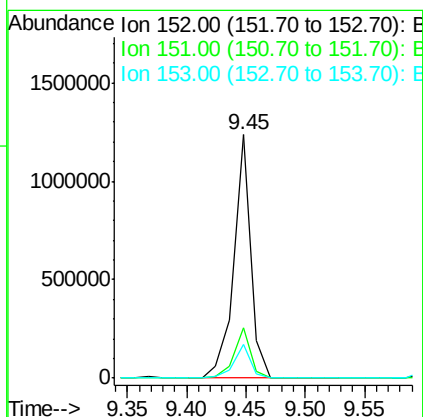
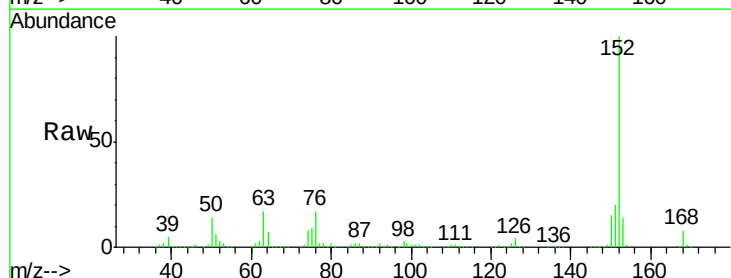
Instrument :
BNA_F
ClientSampleId :
PB86847BS

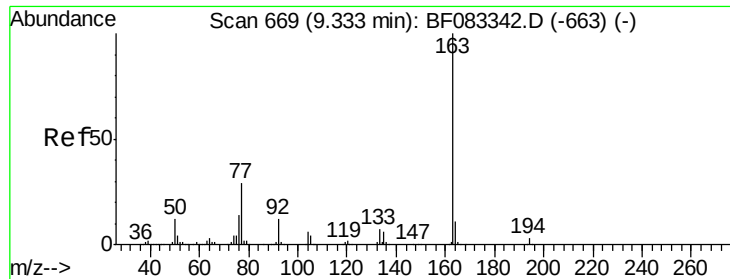
Tgt Ion: 65 Resp: 308940
Ion Ratio Lower Upper
65 100
92 71.5 56.2 84.4
138 115.5 85.4 128.0



#48
Acenaphthylene
Concen: 34.65 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion: 152 Resp: 1229617
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 14.0 11.2 16.8

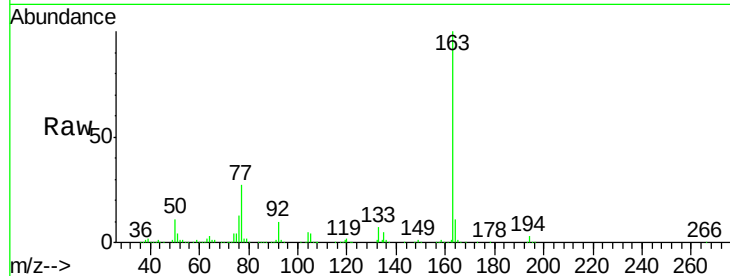




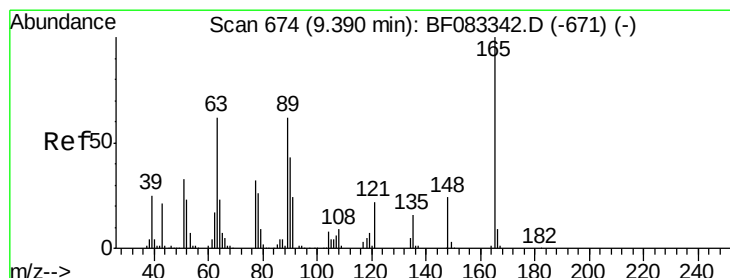
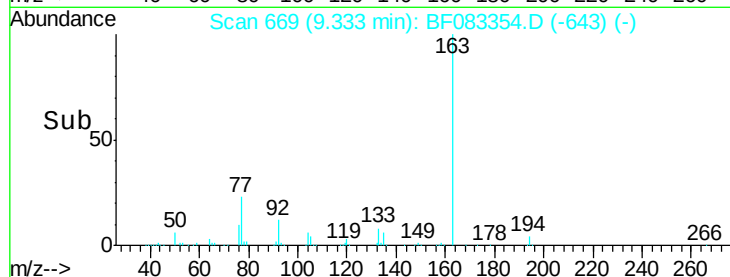
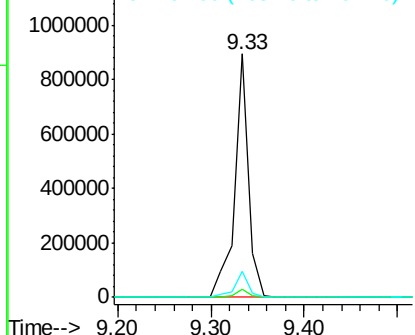
#49
Dimethylphthalate
Concen: 34.27 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:163 Resp: 927180
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.6 8.8 13.2

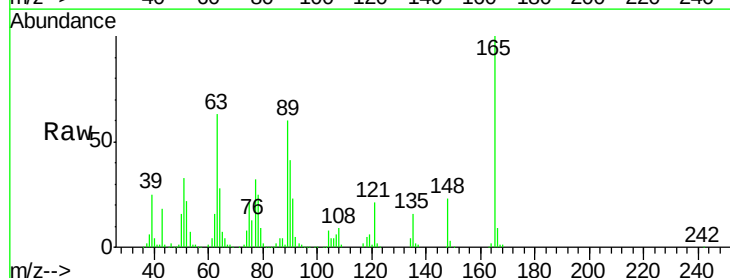


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

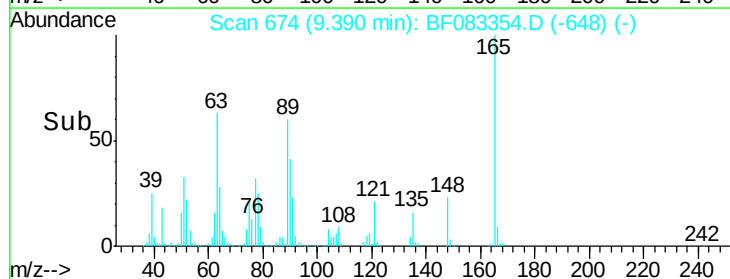
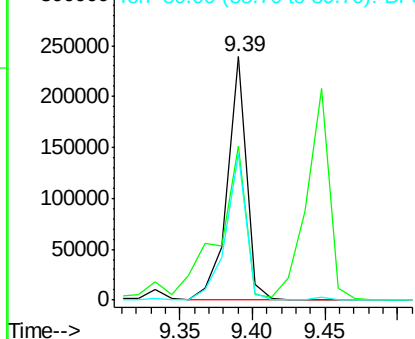


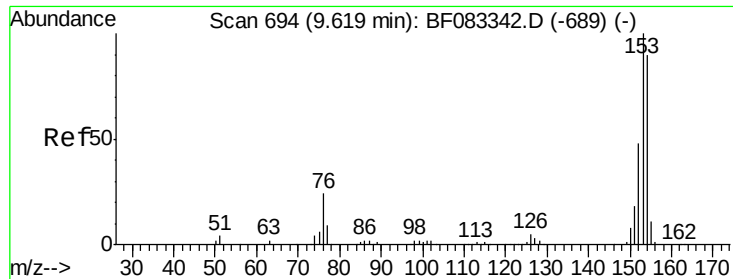
#50
2,6-Dinitrotoluene
Concen: 38.04 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:165 Resp: 219797
Ion Ratio Lower Upper
165 100
63 63.1 56.0 84.0
89 60.0 49.8 74.8



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





#51

Acenaphthene

Concen: 35.49 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

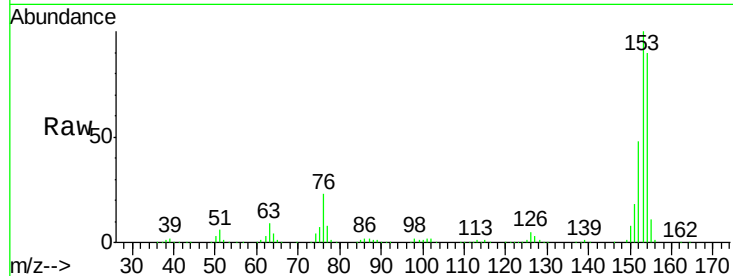
Tgt Ion:154 Resp: 740944

Ion Ratio Lower Upper

154 100

153 110.7 89.3 133.9

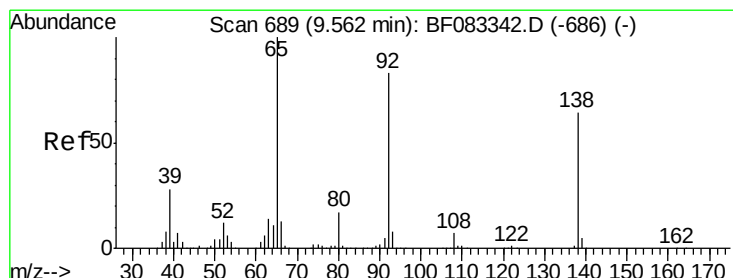
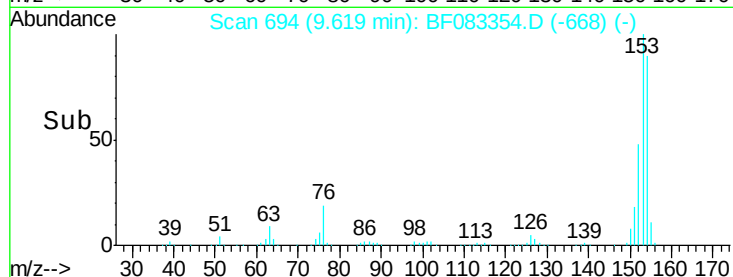
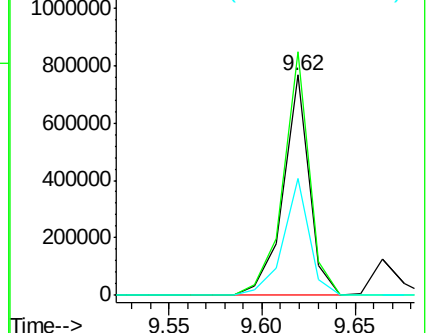
152 53.1 42.5 63.7



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: 17.84 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

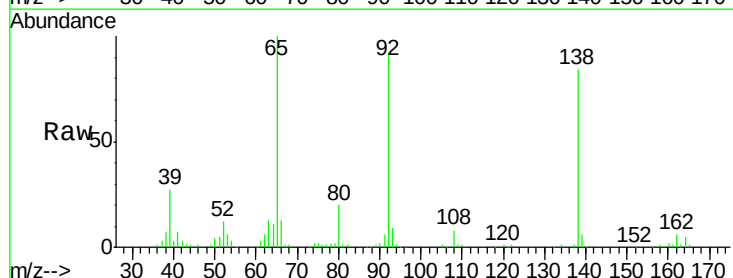
Tgt Ion:138 Resp: 120863

Ion Ratio Lower Upper

138 100

108 9.8 8.4 12.6

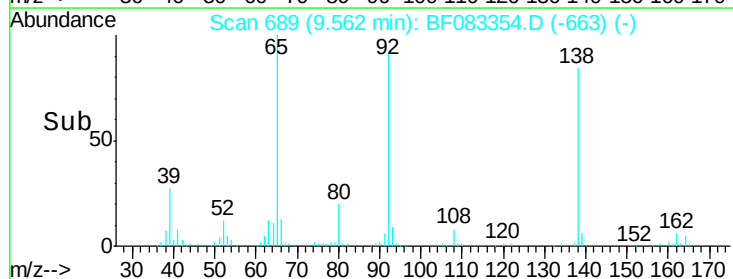
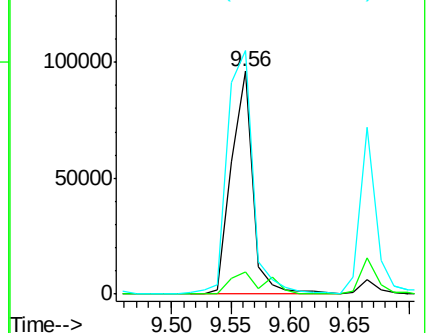
92 109.3 104.2 156.4

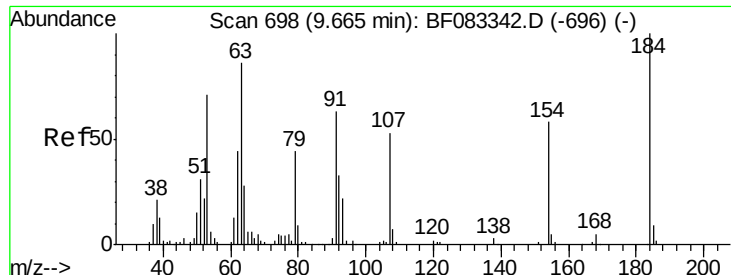


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

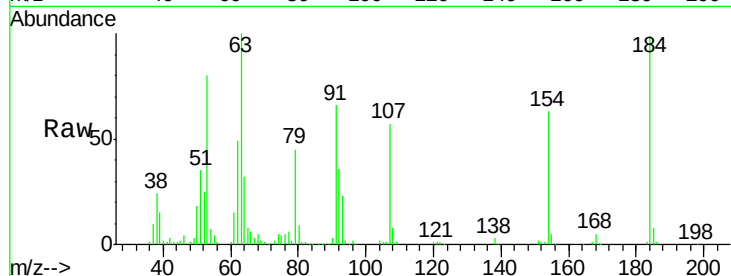




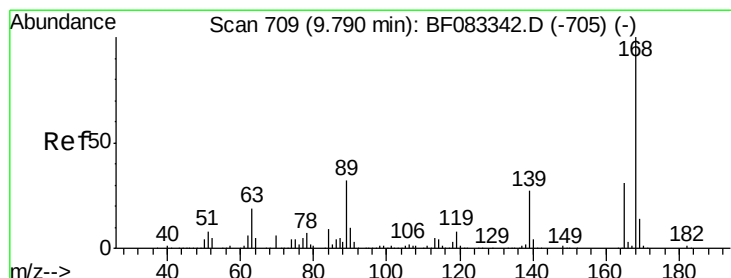
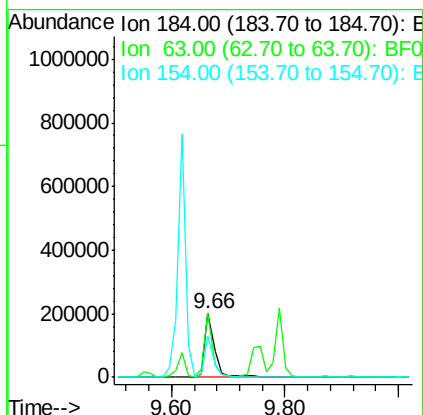
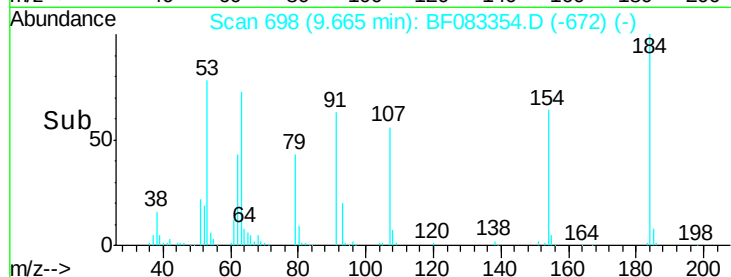
#53
2,4-Dinitrophenol
Concen: 67.10 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:184 Resp: 234010
Ion Ratio Lower Upper
184 100
63 101.1 69.0 103.6
154 63.9 50.0 75.0

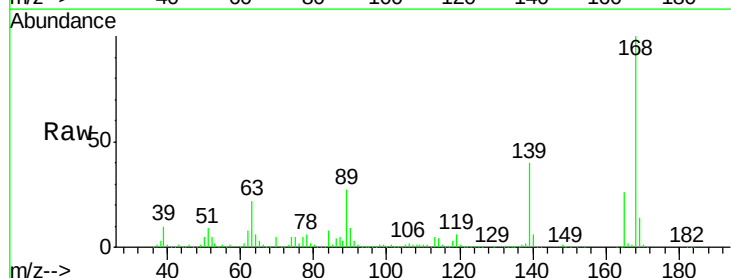


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

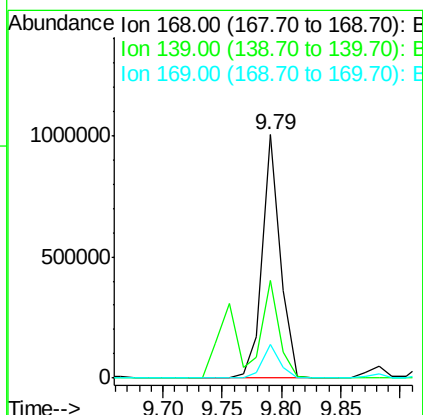
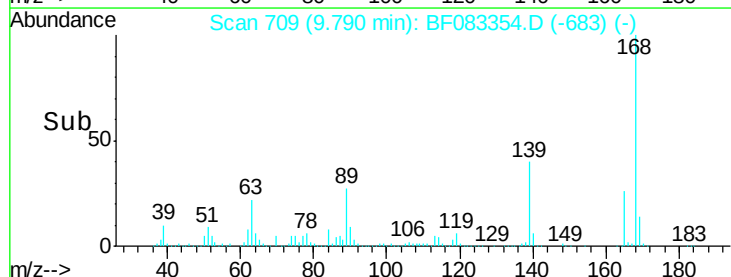


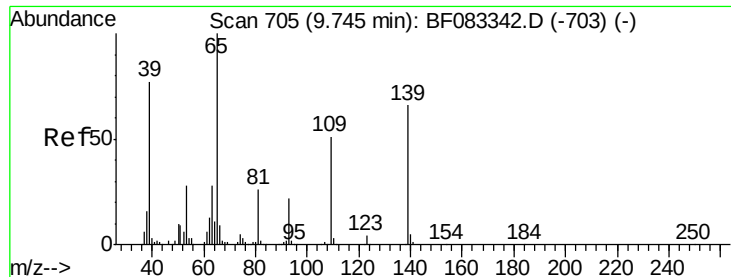
#54
Dibenzofuran
Concen: 35.03 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:168 Resp: 1071504
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 14.0 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

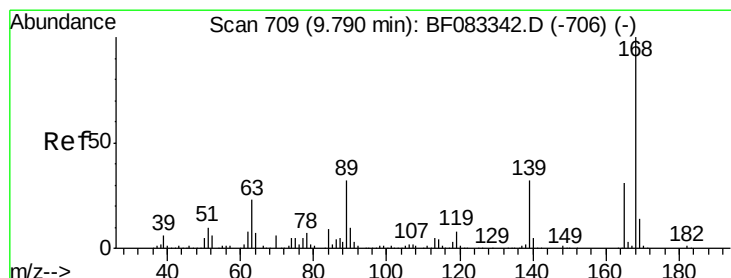
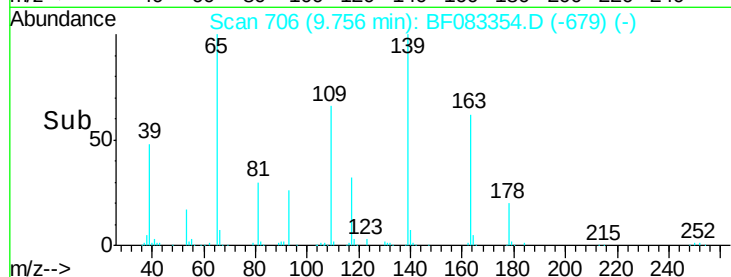
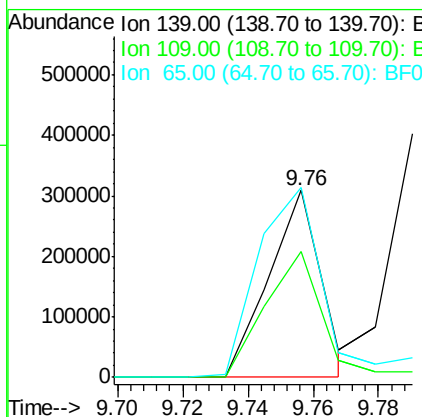
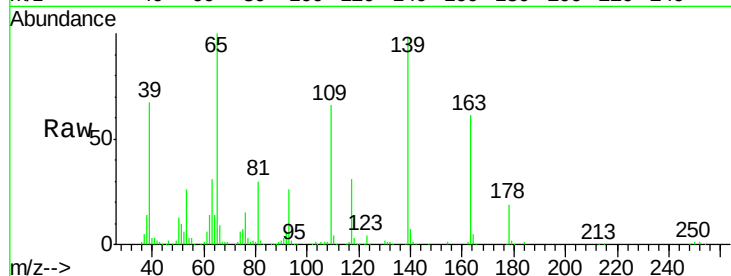




#55
4-Nitrophenol
Concen: 80.54 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

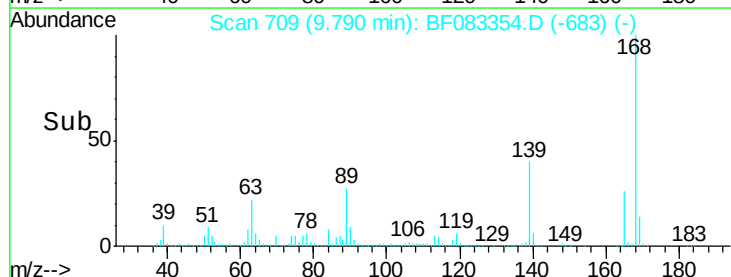
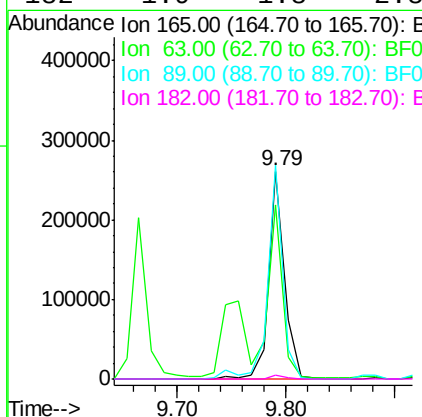
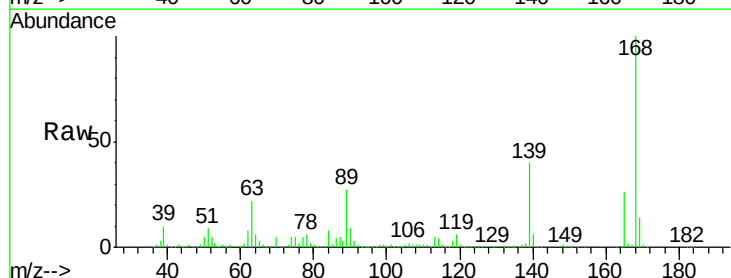
Instrument :
BNA_F
ClientSampleId :
PB86847BS

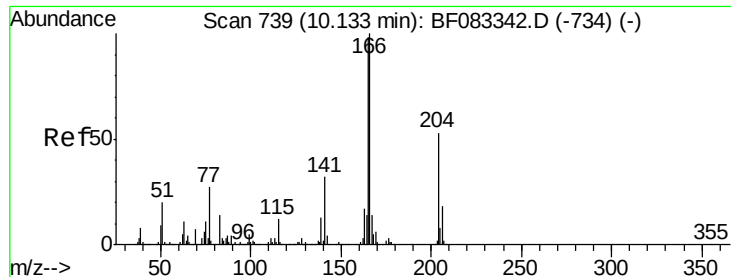
Tgt Ion:139 Resp: 341191
Ion Ratio Lower Upper
139 100
109 67.2 57.4 97.4
65 101.6 131.6 171.6#



#56
2,4-Dinitrotoluene
Concen: 36.10 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:165 Resp: 264725
Ion Ratio Lower Upper
165 100
63 83.9 65.4 98.0
89 102.8 81.2 121.8
182 1.9 1.8 2.8

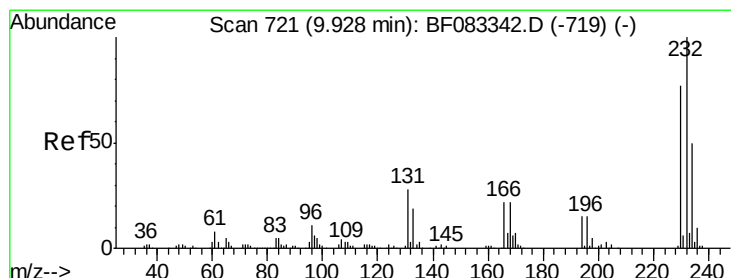
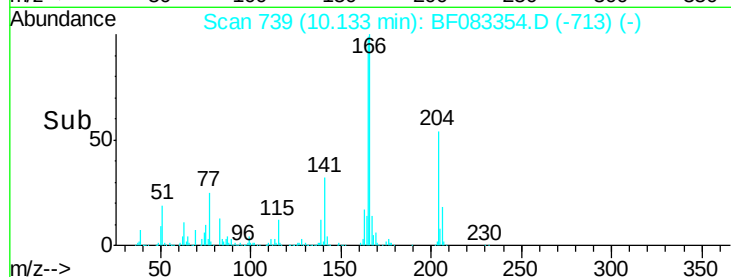
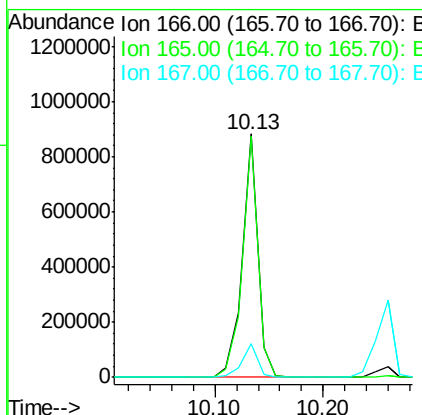
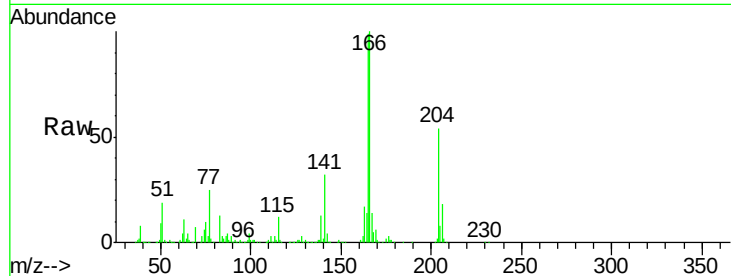




#57
 Fluorene
 Concen: 36.06 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

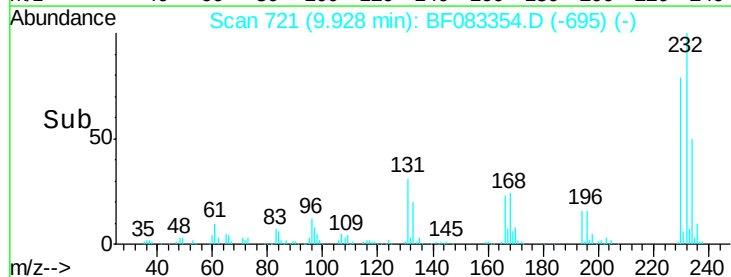
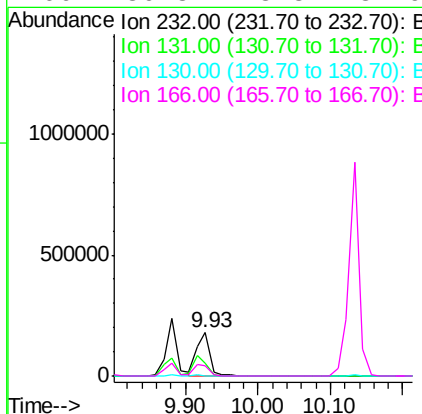
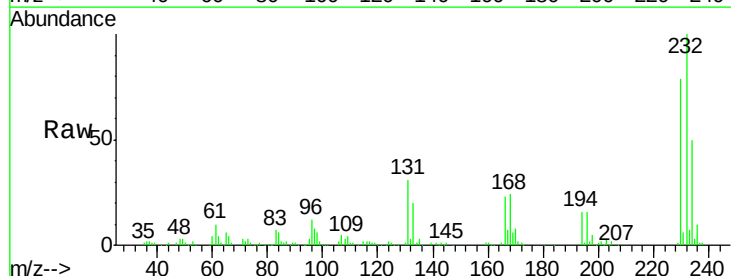
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

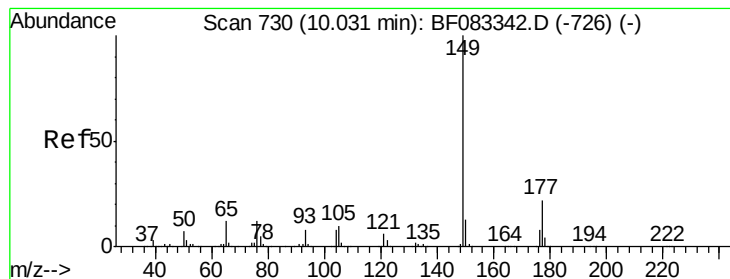
Tgt Ion:166 Resp: 871095
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.3 117.5
 167 13.9 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.67 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:232 Resp: 226933
 Ion Ratio Lower Upper
 232 100
 131 48.2 35.4 53.2
 130 2.2 1.7 2.5
 166 30.8 23.3 34.9





#59

Diethylphthalate

Concen: 35.40 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

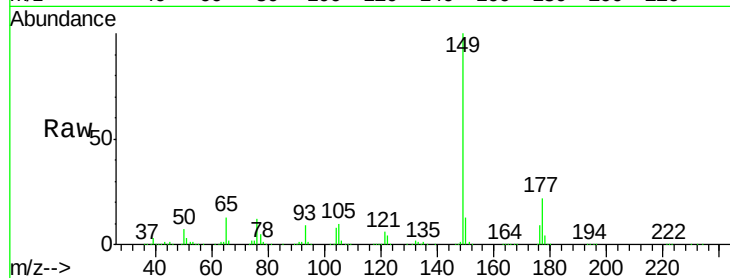
Tgt Ion:149 Resp: 912882

Ion Ratio Lower Upper

149 100

177 22.1 17.4 26.2

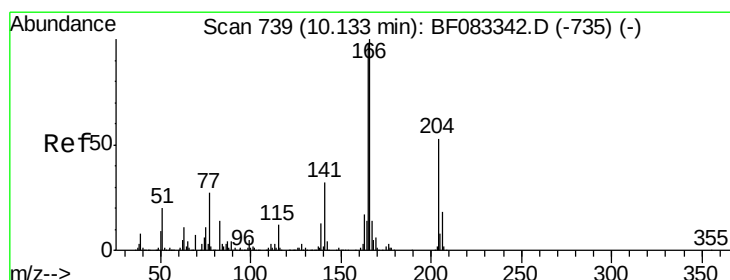
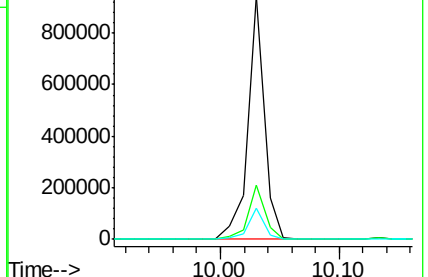
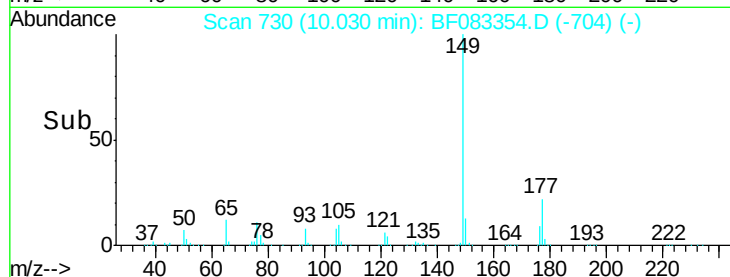
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.36 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

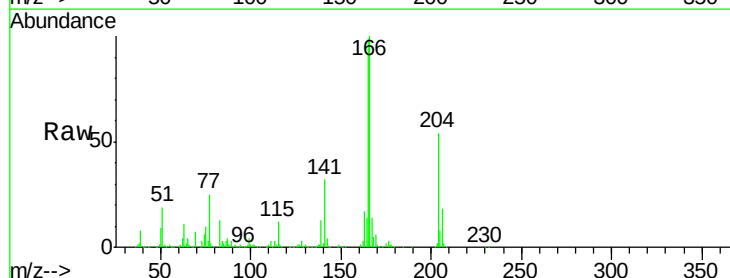
Tgt Ion:204 Resp: 425792

Ion Ratio Lower Upper

204 100

206 33.9 27.5 41.3

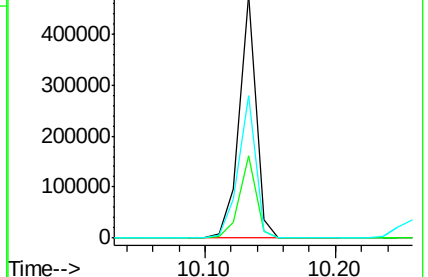
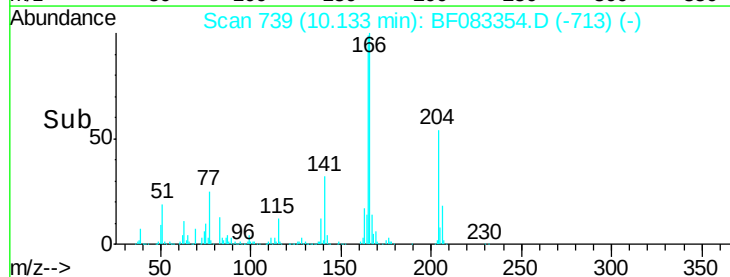
141 58.7 48.1 72.1

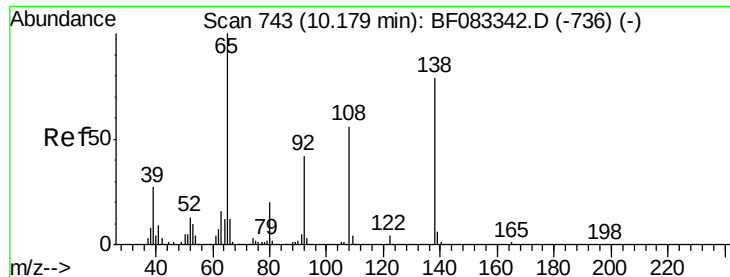


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

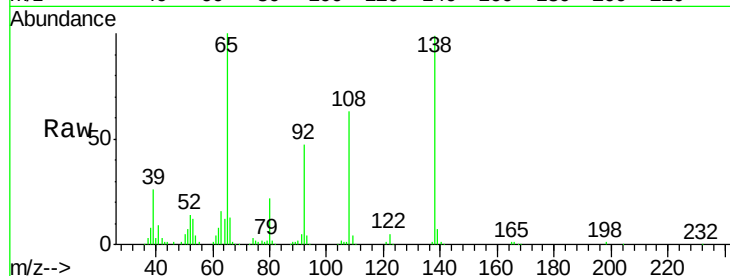




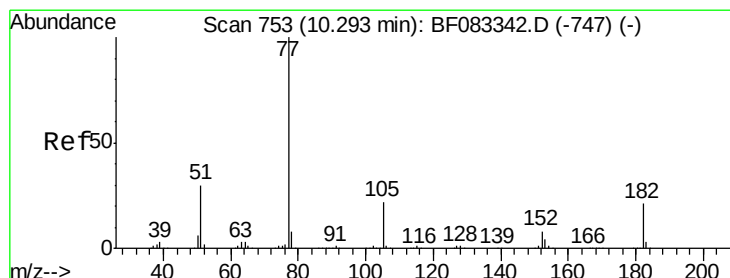
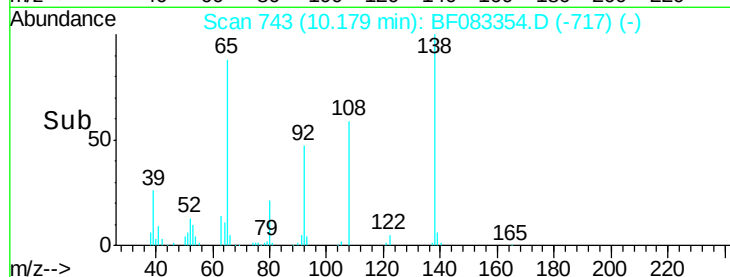
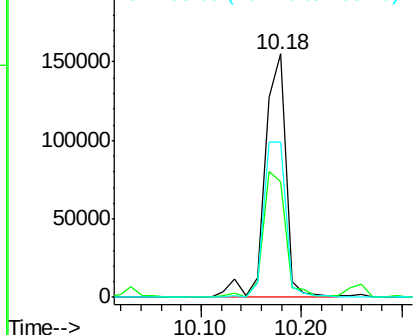
#61
4-Nitroaniline
Concen: 33.32 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion: 138 Resp: 225817
Ion Ratio Lower Upper
138 100
92 47.7 33.6 73.6
108 64.0 51.0 91.0

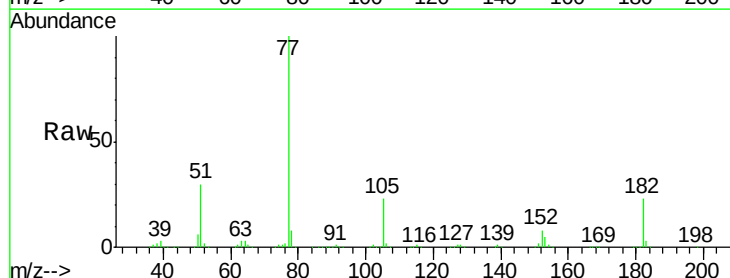


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

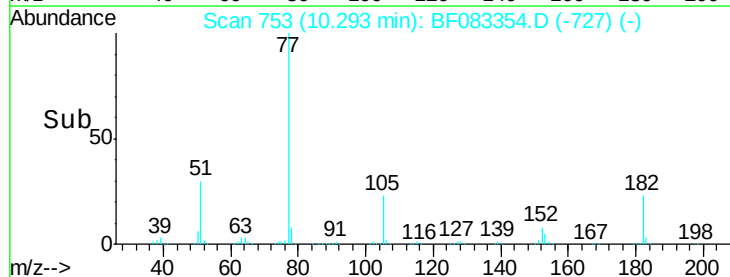
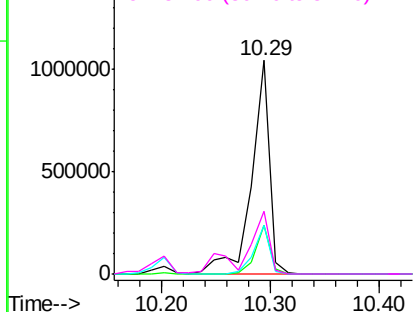


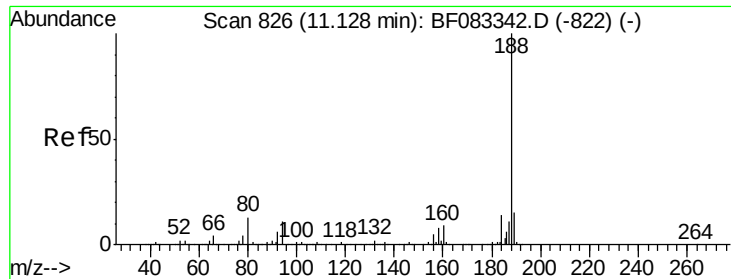
#62
Azobenzene
Concen: 38.31 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion: 77 Resp: 1193753
Ion Ratio Lower Upper
77 100
182 22.5 0.8 40.8
105 22.8 2.3 42.3
51 29.5 10.6 50.6



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

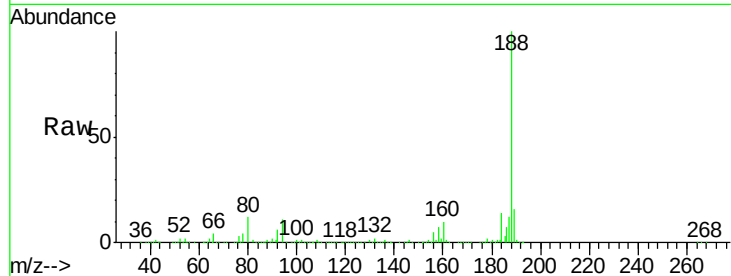




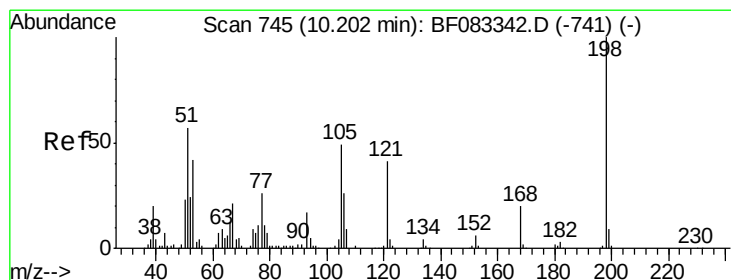
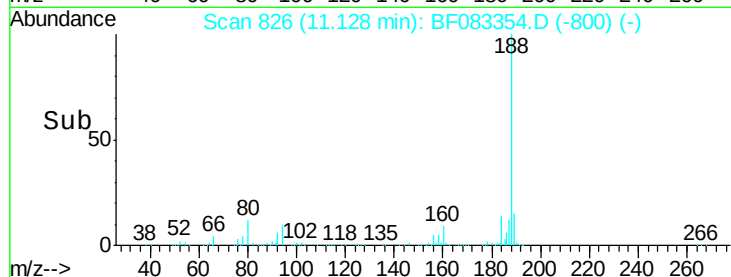
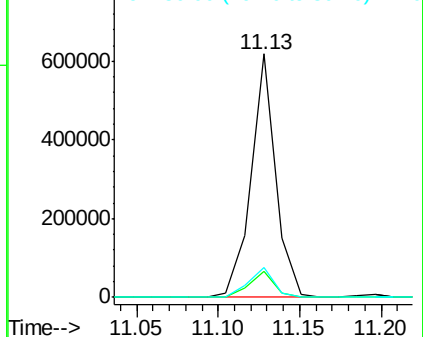
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:188 Resp: 649411
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 12.0 10.3 15.5

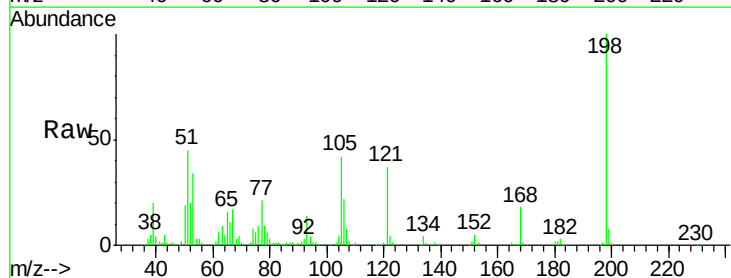


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

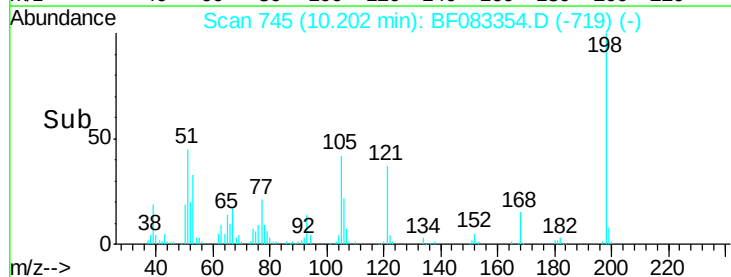
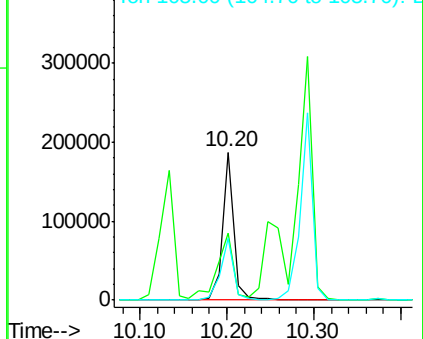


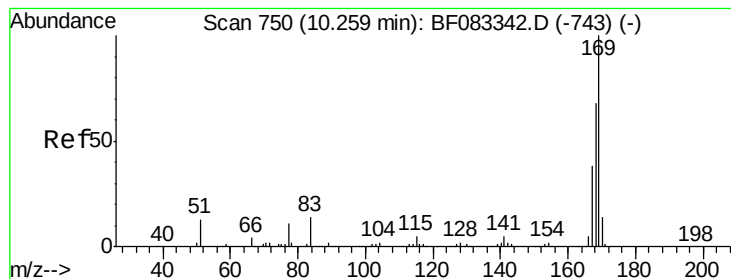
#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:198 Resp: 172822
Ion Ratio Lower Upper
198 100
51 45.5 38.3 78.3
105 41.9 29.2 69.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

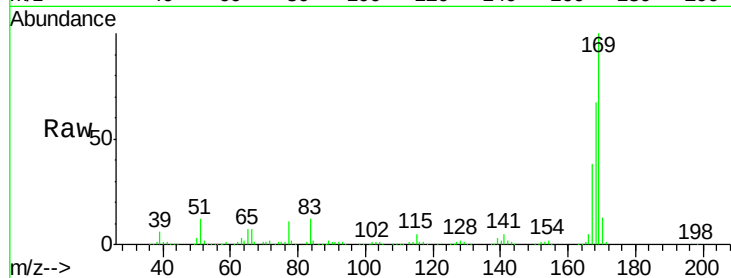




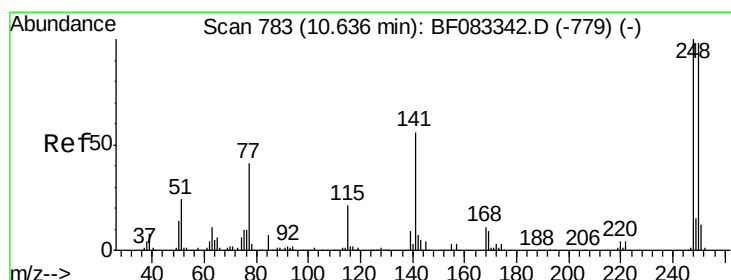
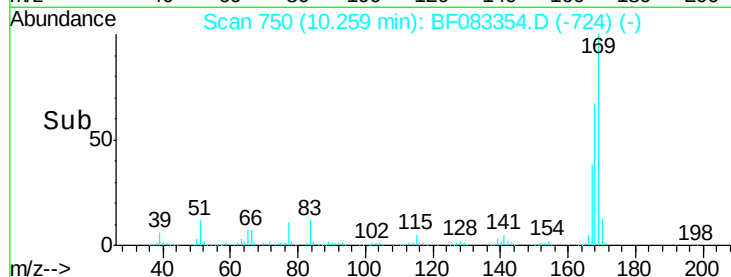
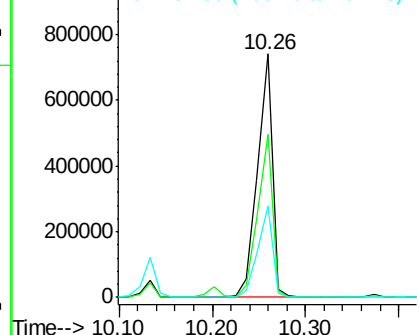
#65
 n-Nitrosodiphenylamine
 Concen: 35.90 ng
 RT: 10.26 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:169 Resp: 819265
 Ion Ratio Lower Upper
 169 100
 168 66.9 54.8 82.2
 167 37.5 30.2 45.2

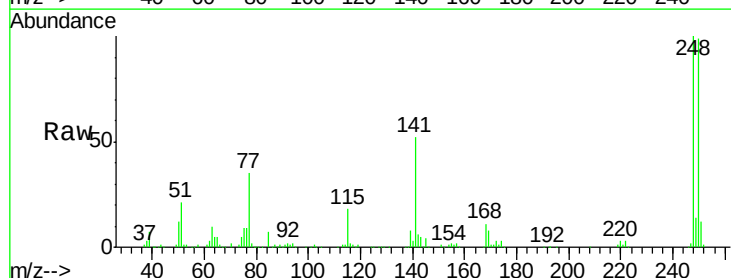


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

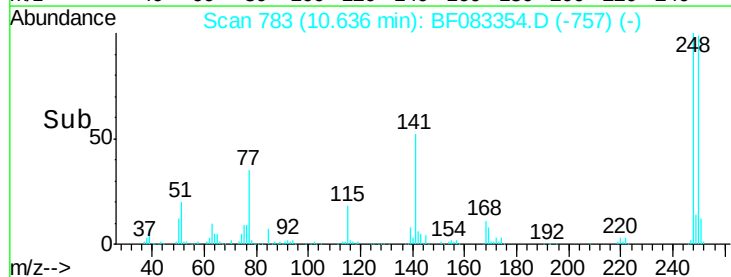
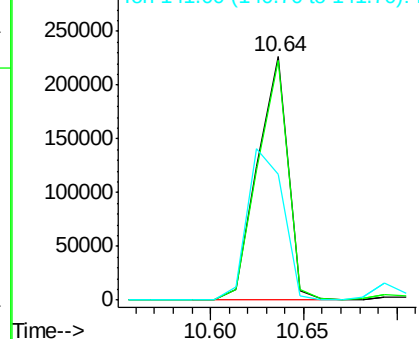


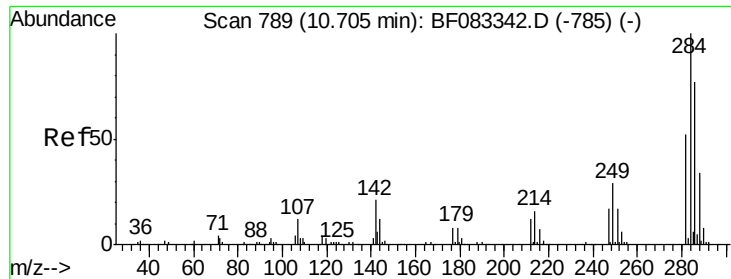
#66
 4-Bromophenyl-phenylether
 Concen: 35.94 ng
 RT: 10.64 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:248 Resp: 255330
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.6 118.0
 141 51.7 44.4 66.6



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: 35.07 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

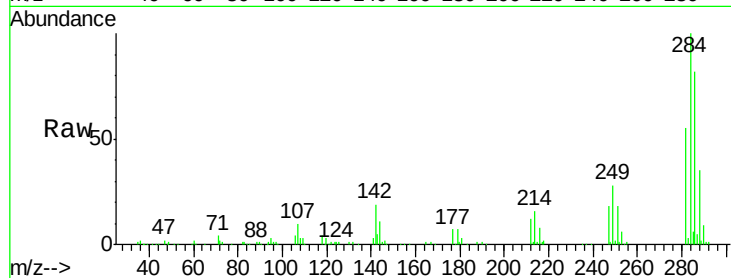
Tgt Ion:284 Resp: 275460

Ion Ratio Lower Upper

284 100

142 18.5 16.6 24.8

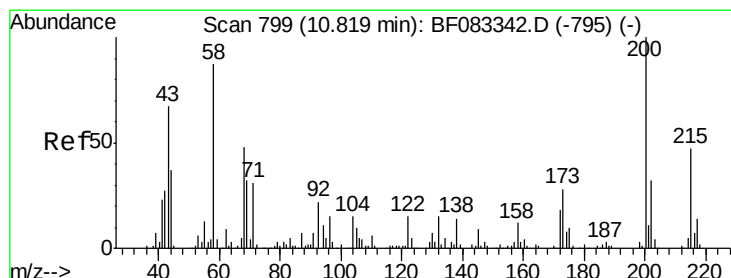
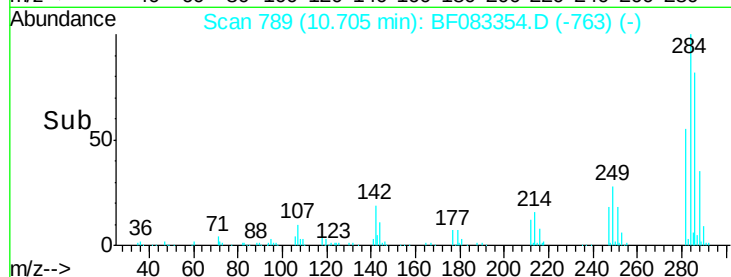
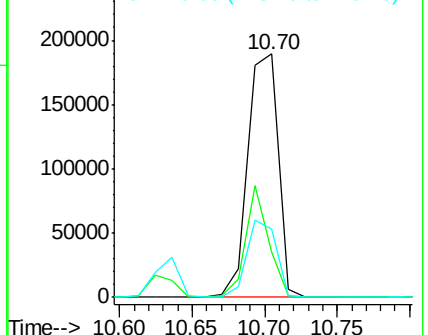
249 28.2 23.0 34.4



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: 38.70 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

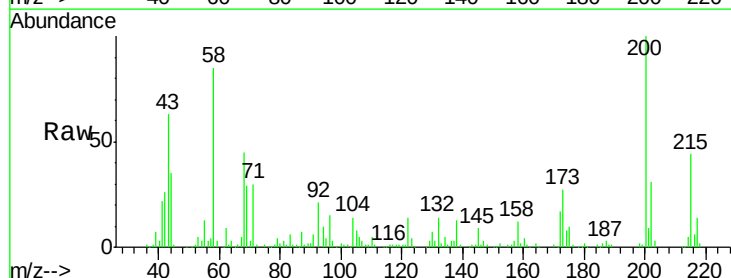
Tgt Ion:200 Resp: 244275

Ion Ratio Lower Upper

200 100

173 27.4 8.3 48.3

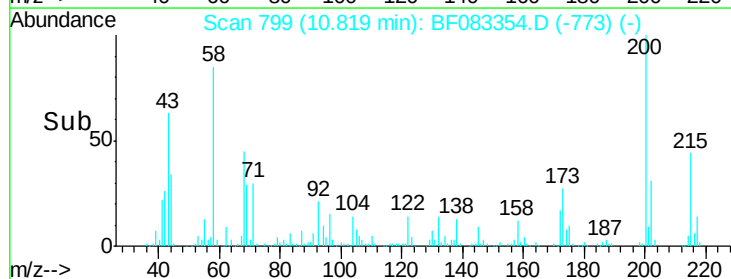
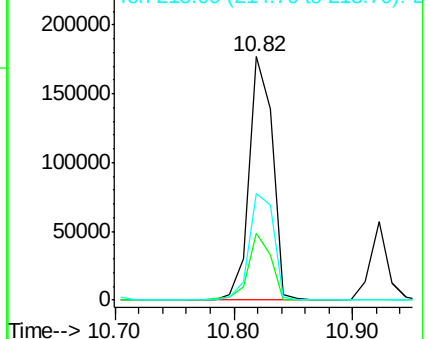
215 44.0 26.7 66.7

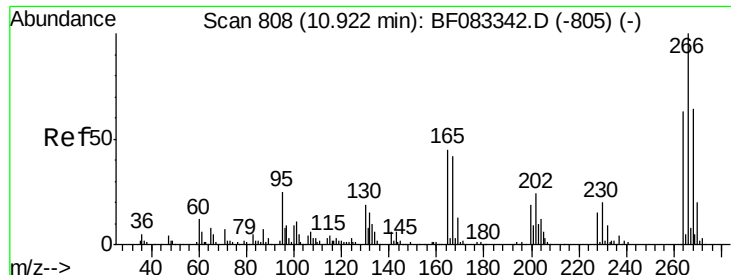


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

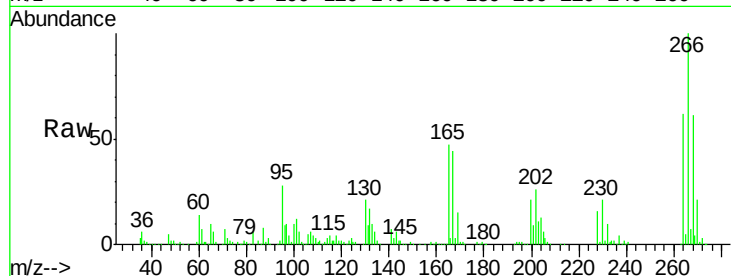




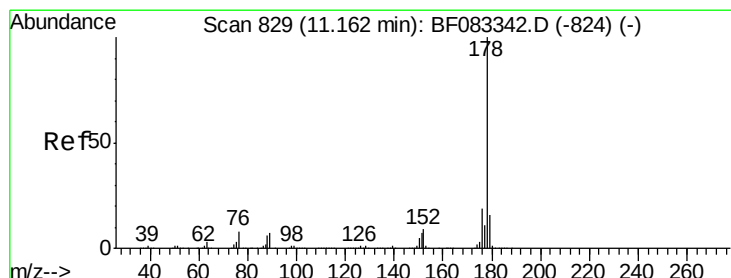
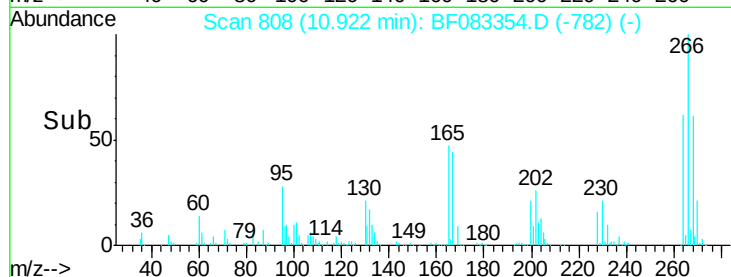
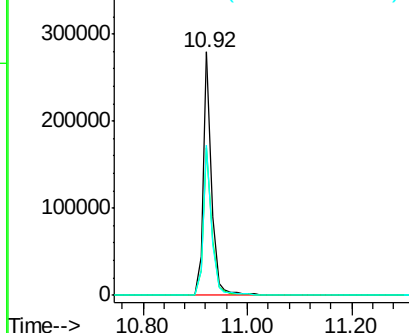
#69
 Pentachlorophenol
 Concen: 76.32 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:266 Resp: 314030
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.5 77.3
 264 61.8 50.4 75.6

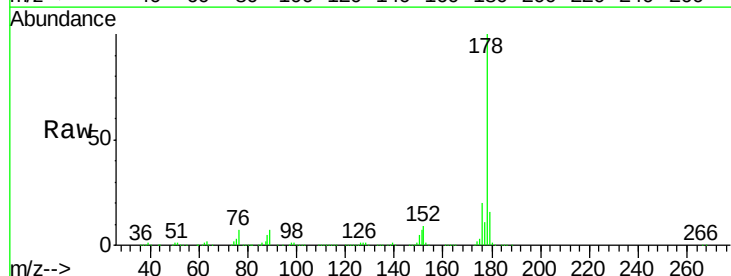


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

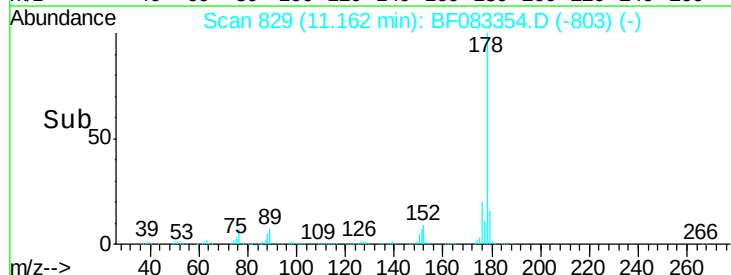
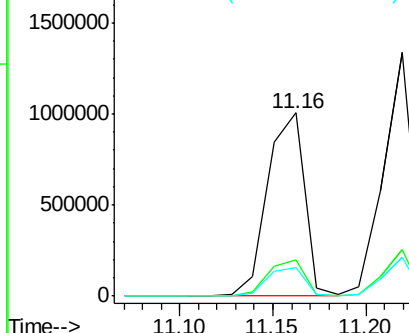


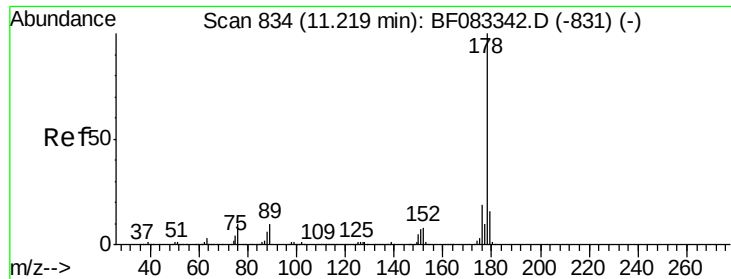
#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:178 Resp: 1389959
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.6 12.4 18.6



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

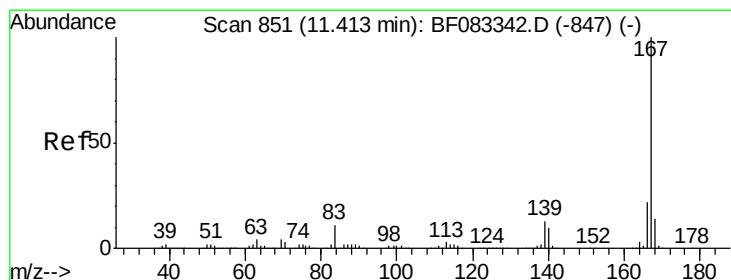
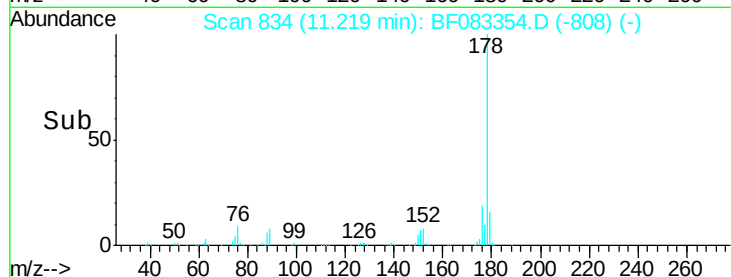
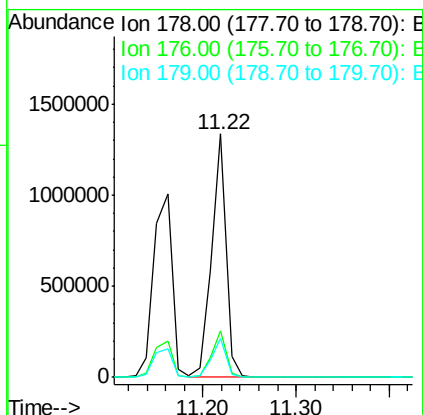
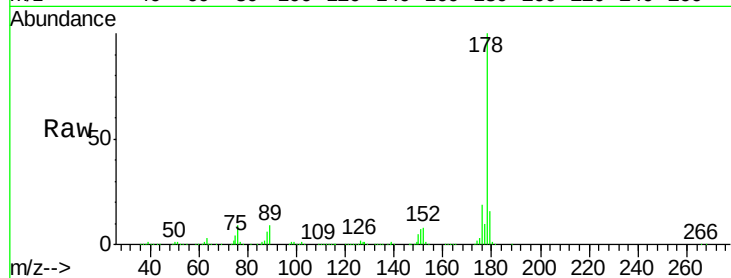




#71
 Anthracene
 Concen: 37.22 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

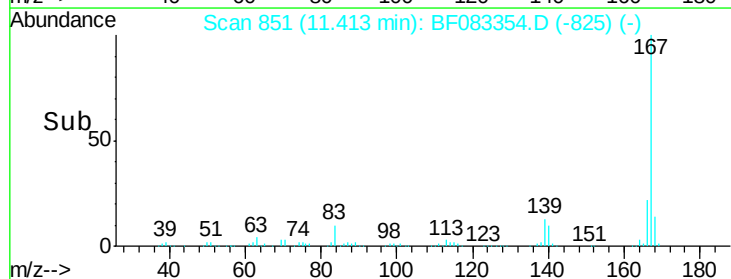
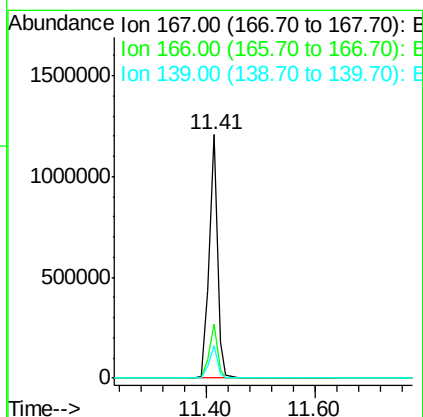
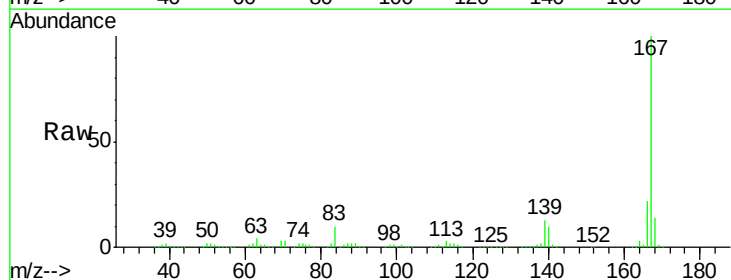
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

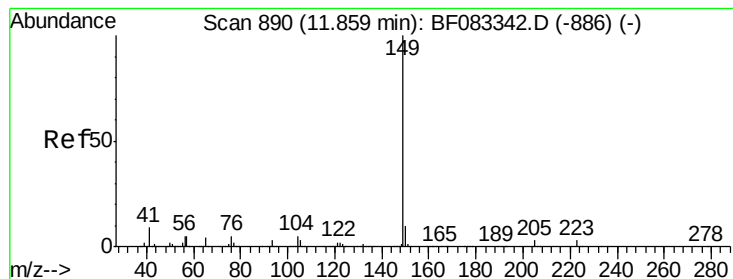
Tgt Ion:178 Resp: 1439970
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.8 12.8 19.2



#72
 Carbazole
 Concen: 37.05 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:167 Resp: 1288045
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.3 10.5 15.7





#73

Di-n-butylphthalate

Concen: 36.80 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

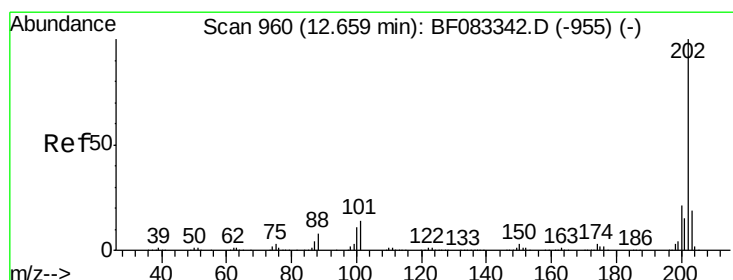
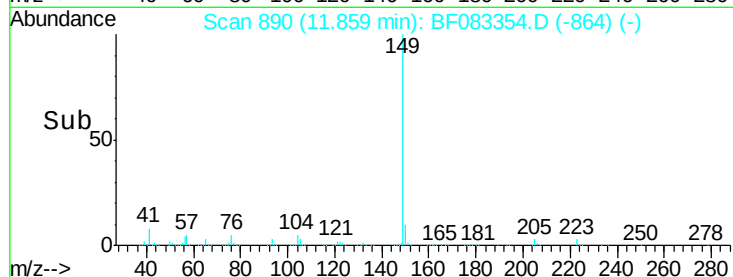
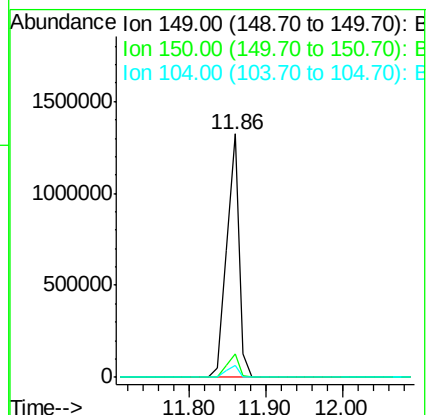
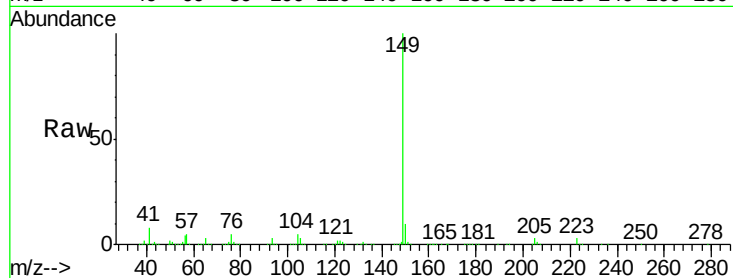
Tgt Ion:149 Resp: 1516095

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 4.8 4.0 6.0



#74

Fluoranthene

Concen: 36.25 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

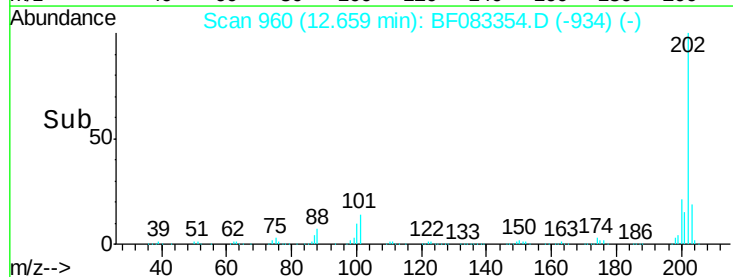
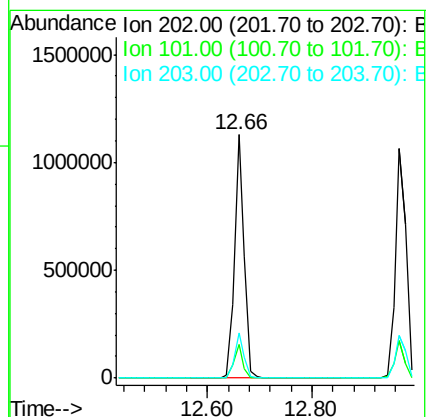
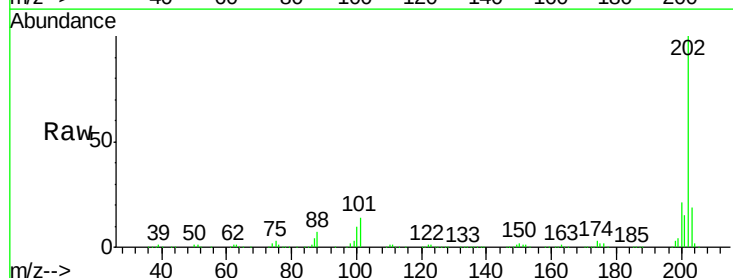
Tgt Ion:202 Resp: 1444056

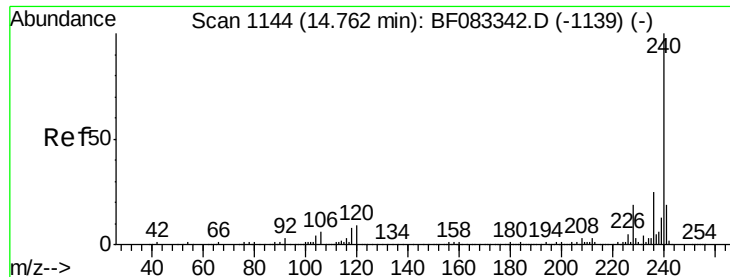
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.5

203 18.6 0.0 38.7

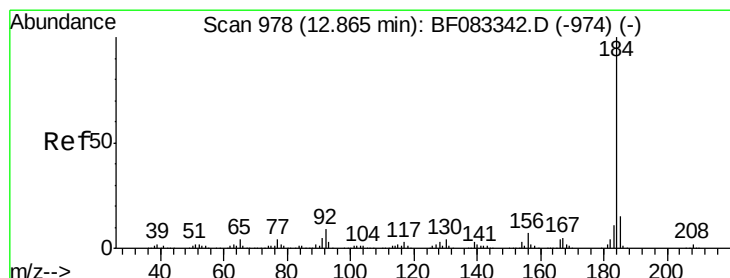
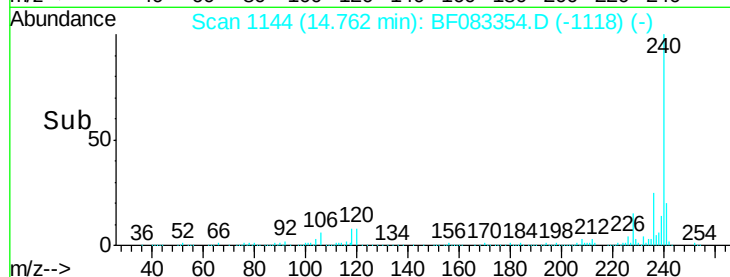
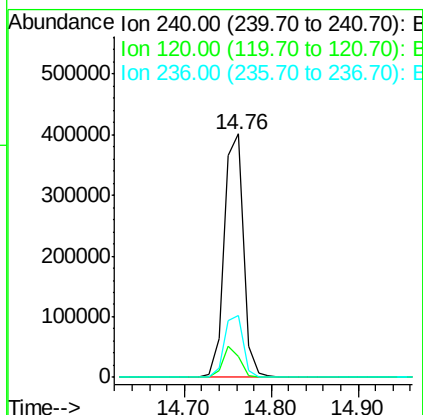
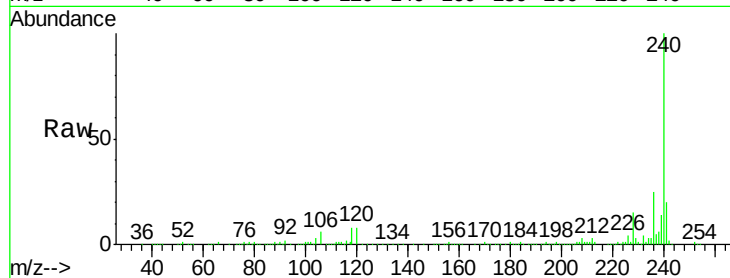




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

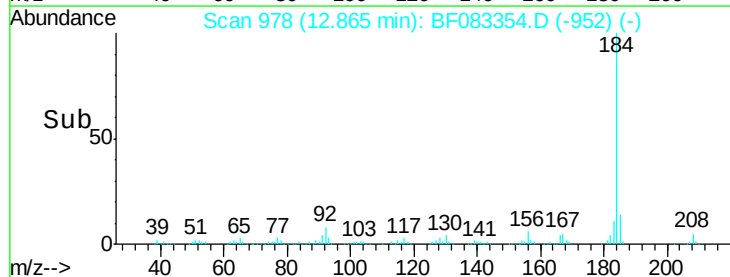
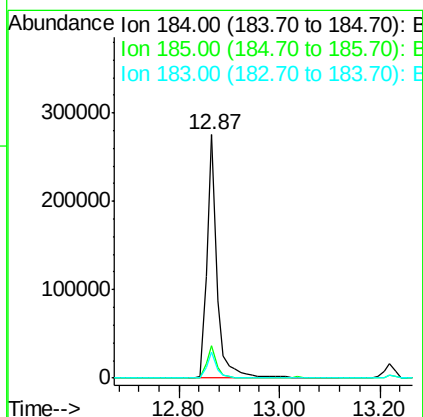
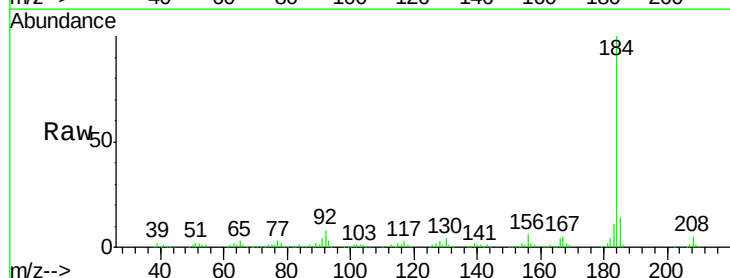
Instrument :
BNA_F
ClientSampleId :
PB86847BS

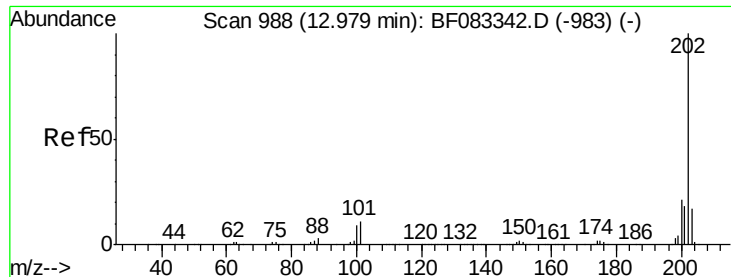
Tgt Ion:240 Resp: 617899
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 25.3 19.8 29.6



#76
Benzidine
Concen: 20.79 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:184 Resp: 382605
Ion Ratio Lower Upper
184 100
185 13.5 12.4 18.6
183 10.6 9.0 13.4

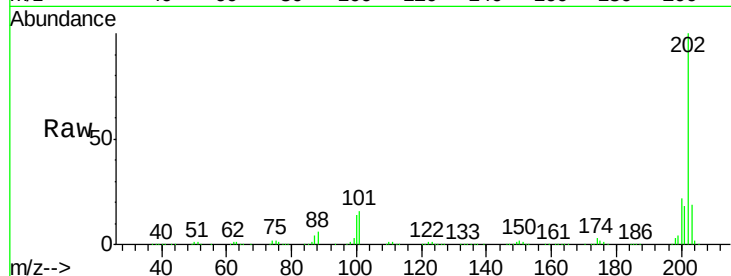




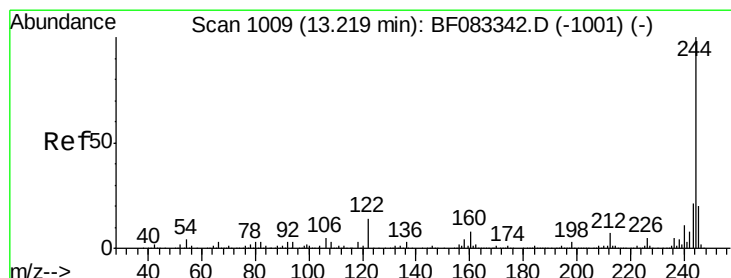
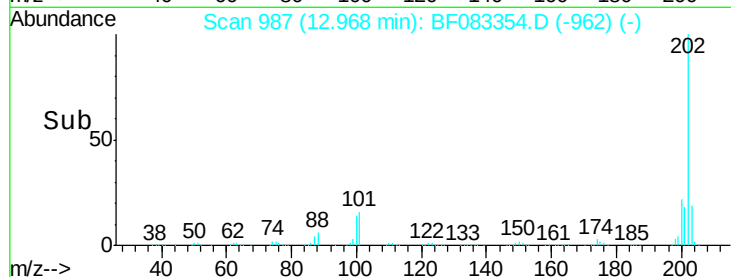
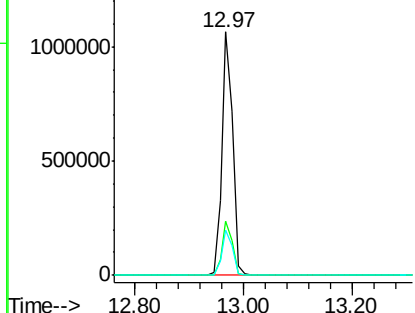
#77
Pyrene
 Concen: 34.69 ng
 RT: 12.97 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion:202 Resp: 1496792
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.9 25.3
 203 18.8 13.9 20.9

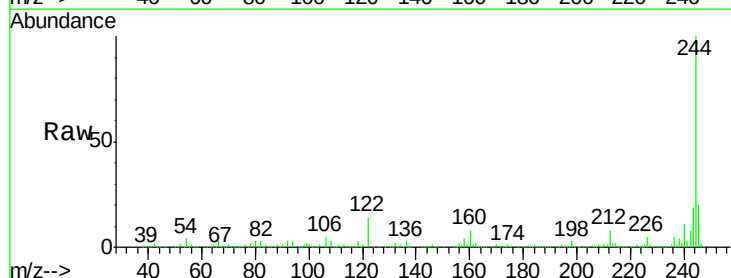


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

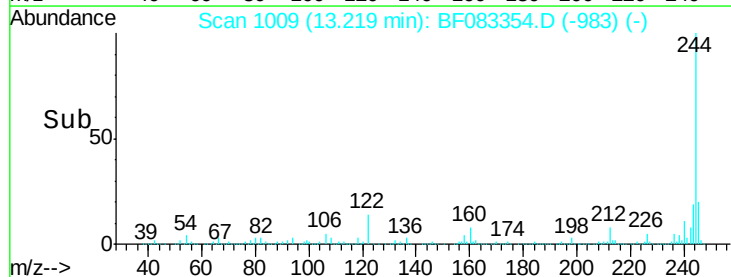
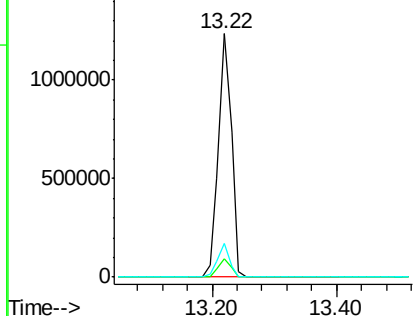


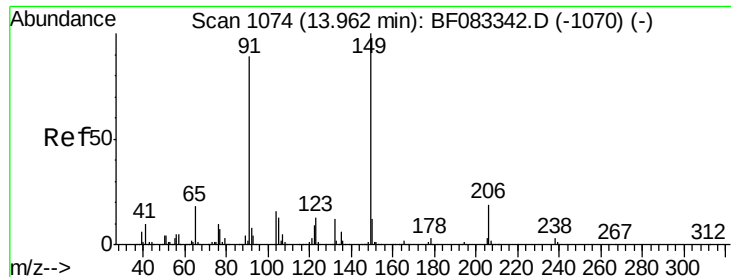
#78
Terphenyl-d14
 Concen: 68.39 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion:244 Resp: 1772014
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.8 11.0 16.4



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

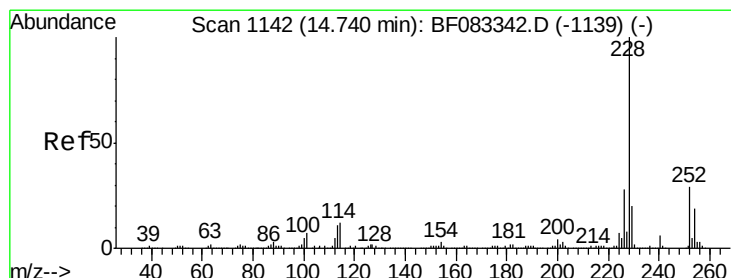
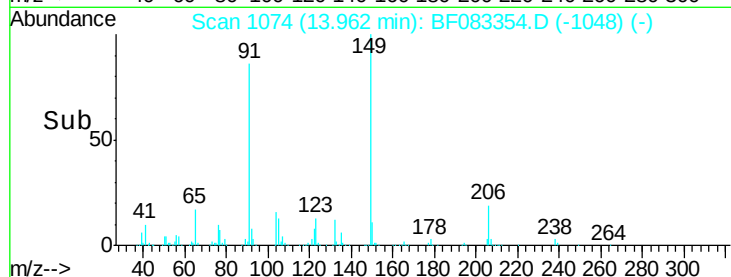
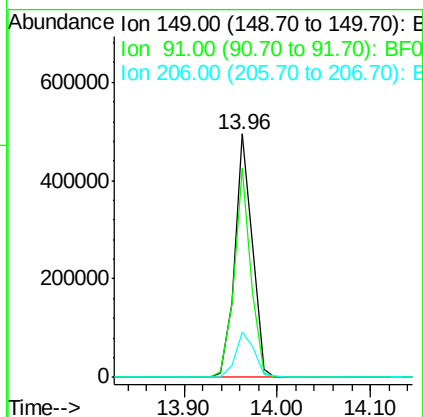
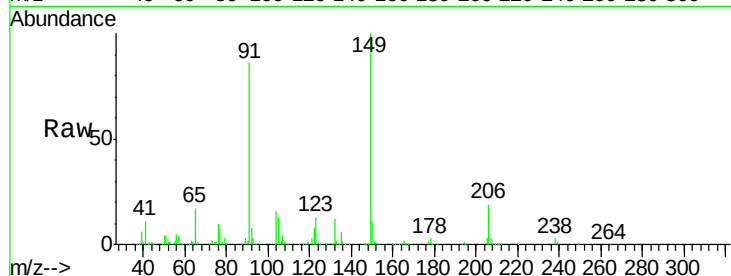




#79
Butylbenzylphthalate
Concen: 35.48 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

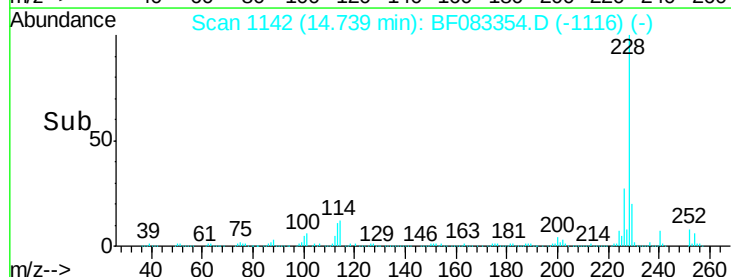
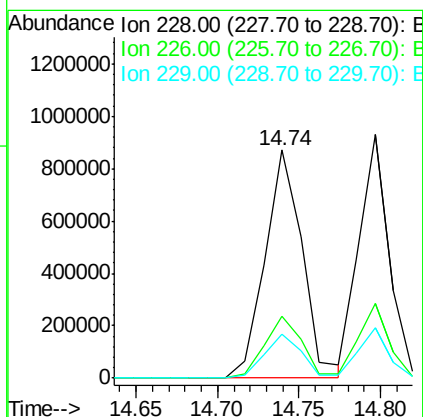
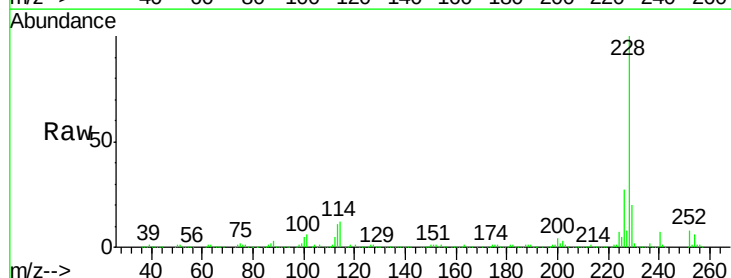
Instrument :
BNA_F
ClientSampleId :
PB86847BS

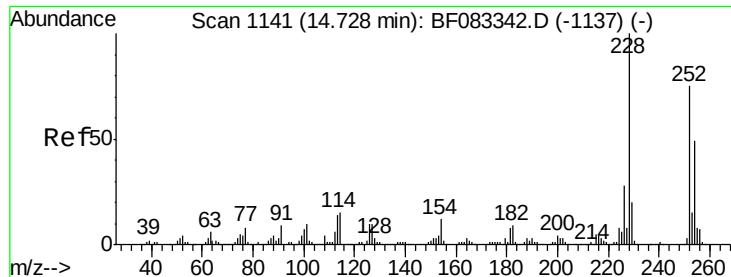
Tgt Ion:149 Resp: 649467
Ion Ratio Lower Upper
149 100
91 85.7 71.4 107.2
206 18.8 15.1 22.7



#80
Benzo(a)anthracene
Concen: 36.52 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083354.D
Acq: 1 Dec 2015 1:12

Tgt Ion:228 Resp: 1382416
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.5 16.1 24.1

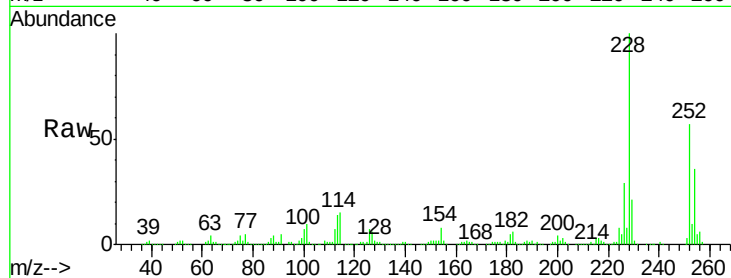




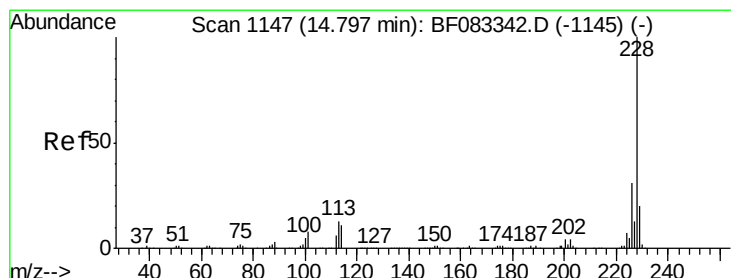
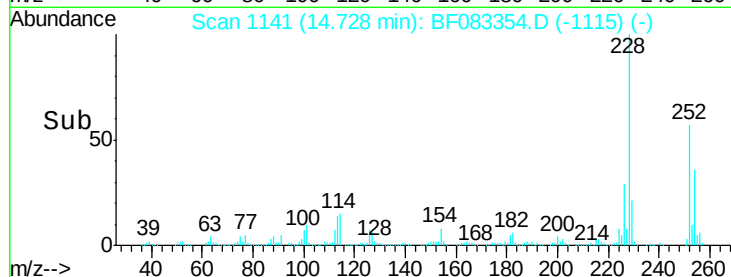
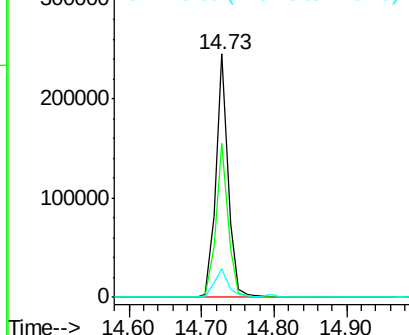
#81
 3,3'-Dichlorobenzidine
 Concen: 24.38 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

Tgt Ion: 252 Resp: 288270
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.0 78.0
 126 11.8 10.7 16.1

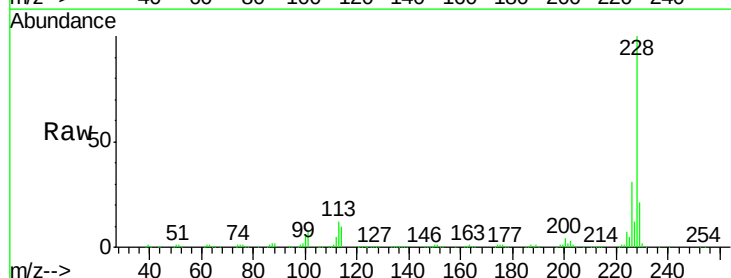


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

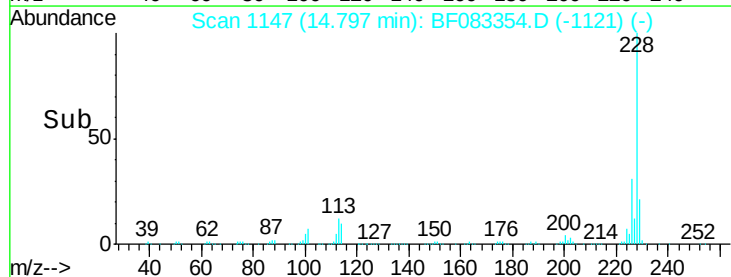
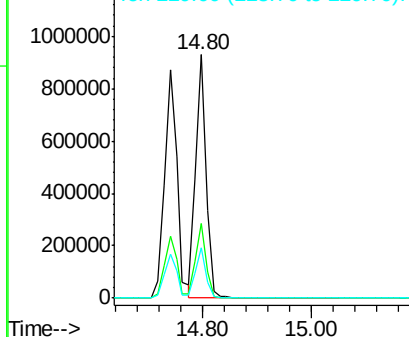


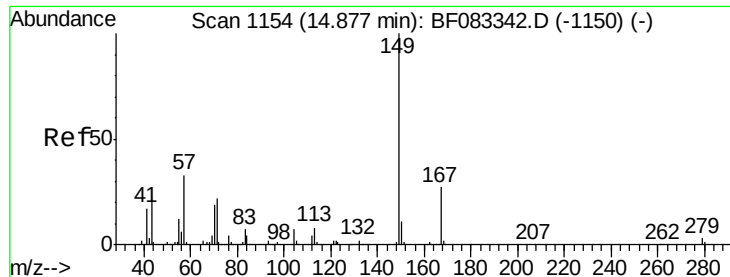
#82
 Chrysene
 Concen: 33.31 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion: 228 Resp: 1218340
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 37.0
 229 20.7 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: 36.60 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

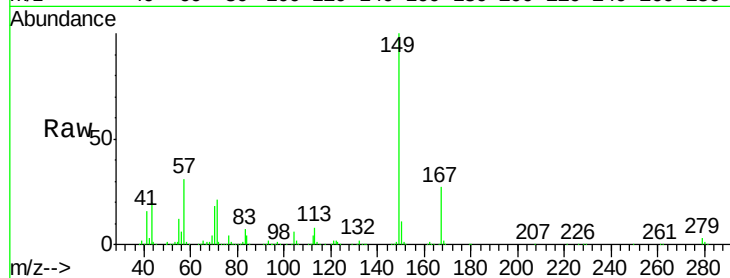
Tgt Ion:149 Resp: 898683

Ion Ratio Lower Upper

149 100

167 27.0 21.5 32.3

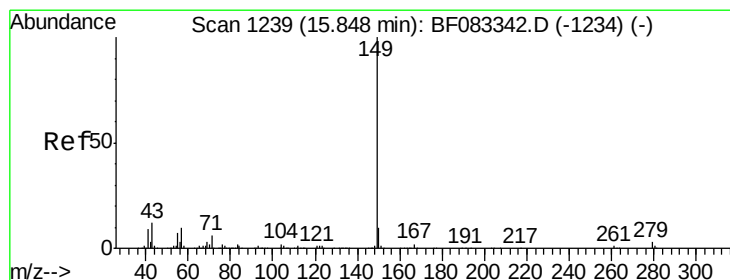
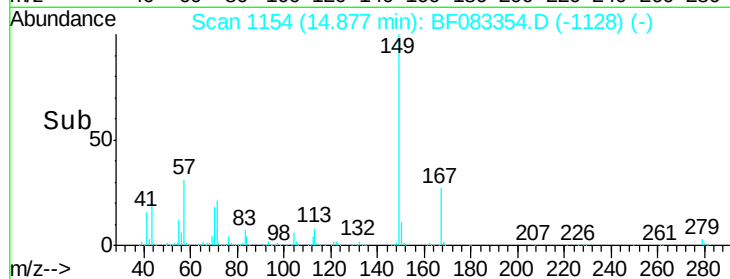
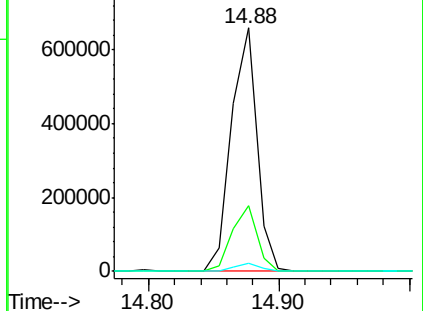
279 3.3 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.97 ng

RT: 15.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

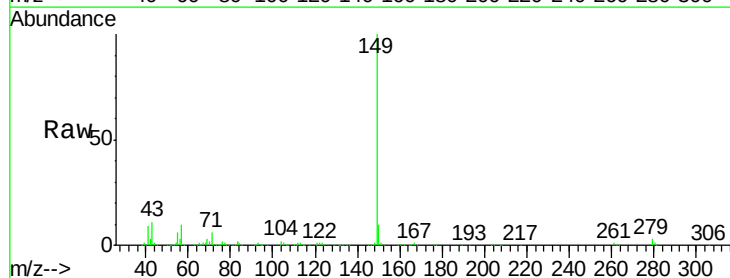
Tgt Ion:149 Resp: 1425116

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

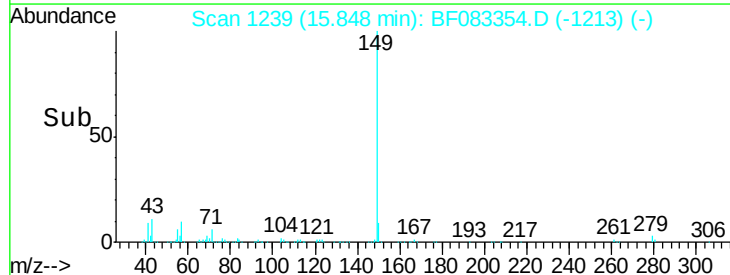
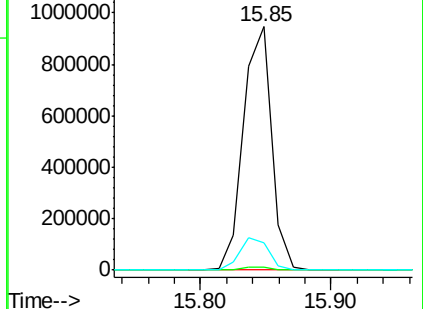
43 13.6 11.0 16.6

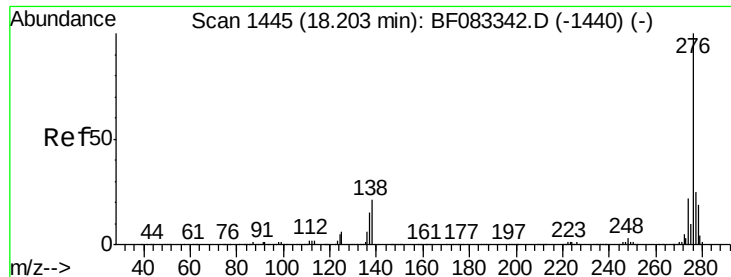


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

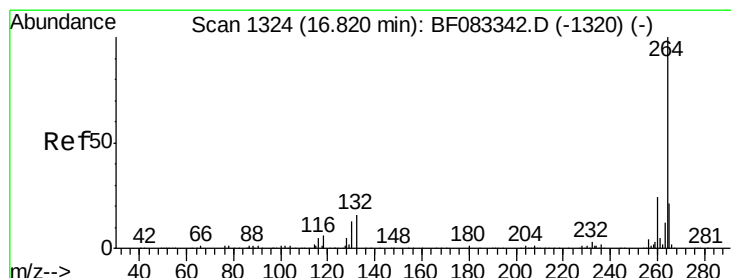
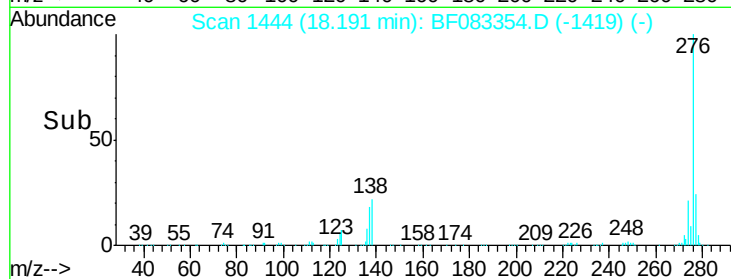
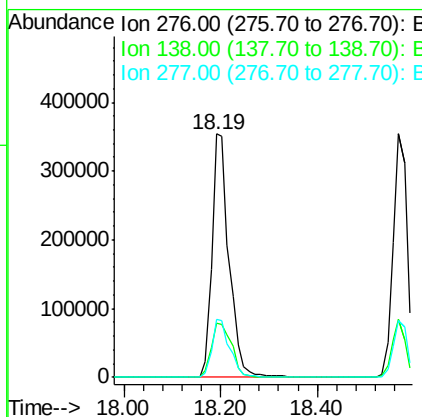
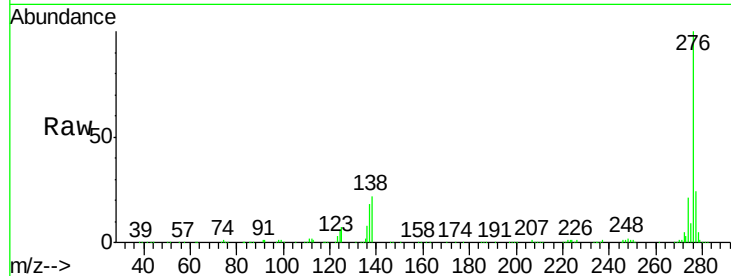




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.35 ng
 RT: 18.19 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

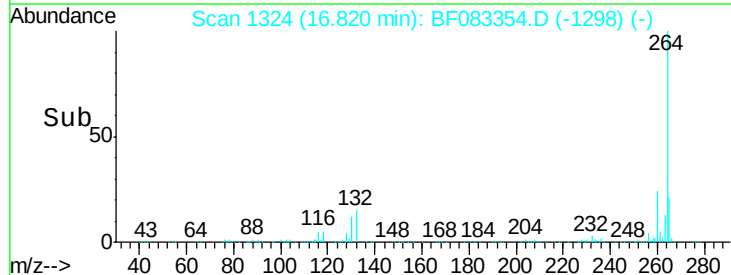
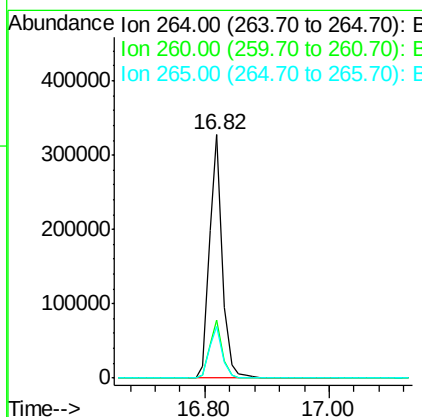
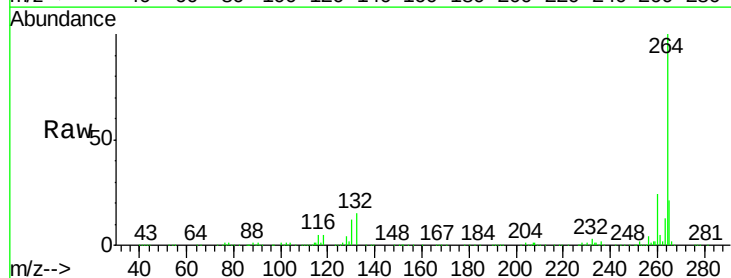
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BS

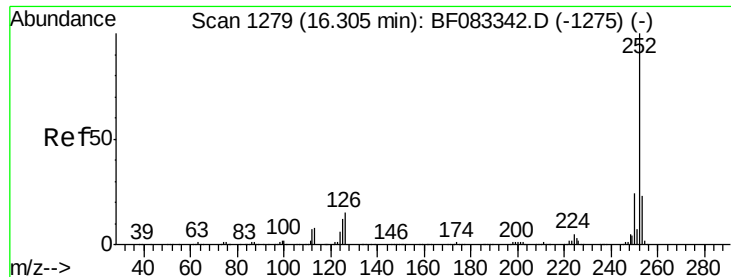
Tgt Ion: 276 Resp: 888286
 Ion Ratio Lower Upper
 276 100
 138 26.6 21.2 31.8
 277 24.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083354.D
 Acq: 1 Dec 2015 1:12

Tgt Ion: 264 Resp: 460563
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.5 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 38.05 ng

RT: 16.31 min Scan# 1279

Delta R.T. -0.00 min

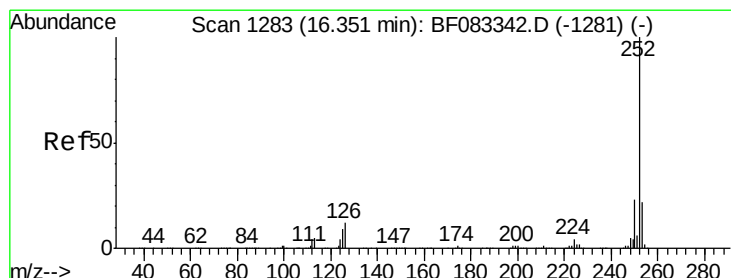
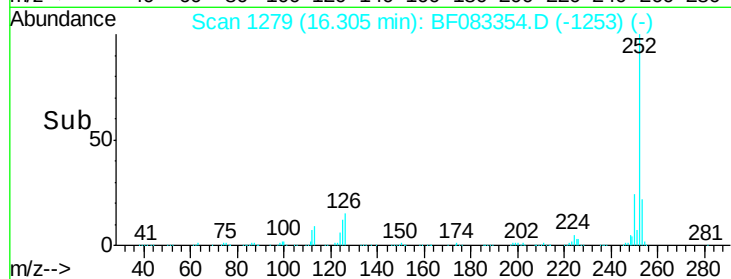
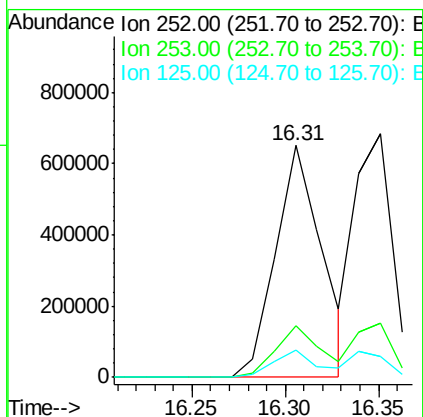
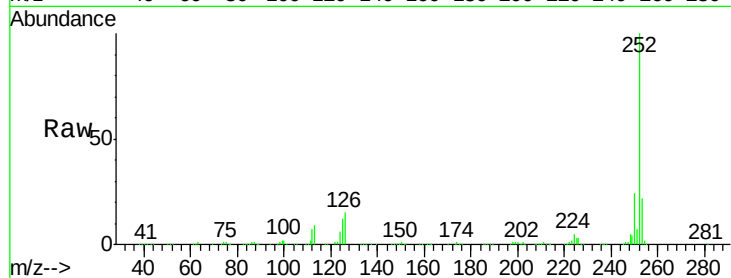
Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :
BNA_F
ClientSampleId :
PB86847BS

Tgt Ion:252 Resp: 1124309

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	11.5	9.6	14.4



#88

Benzo(k)fluoranthene

Concen: 35.47 ng

RT: 16.35 min Scan# 1283

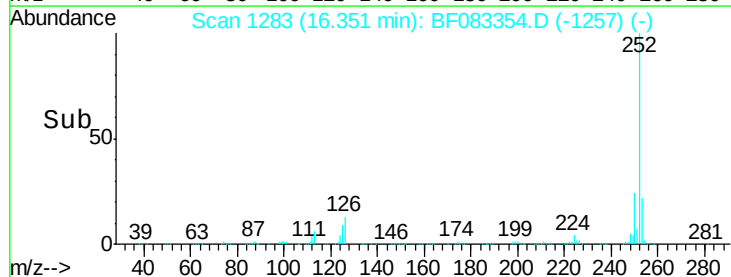
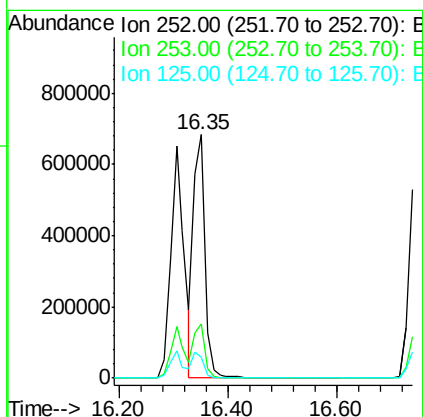
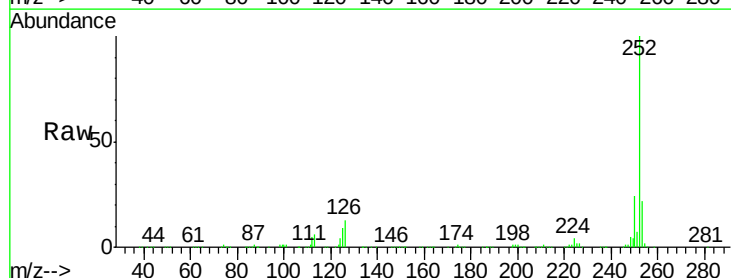
Delta R.T. -0.00 min

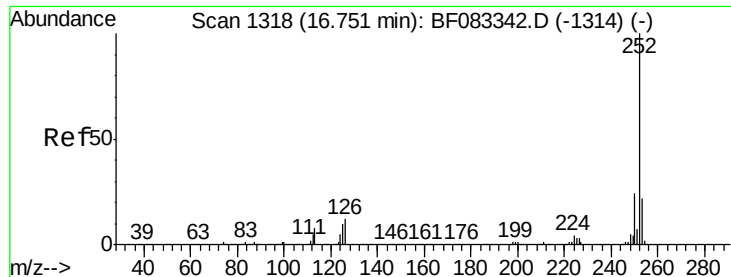
Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Tgt Ion:252 Resp: 989853

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	8.7	7.5	11.3





#89

Benzo(a)pyrene

Concen: 38.24 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS

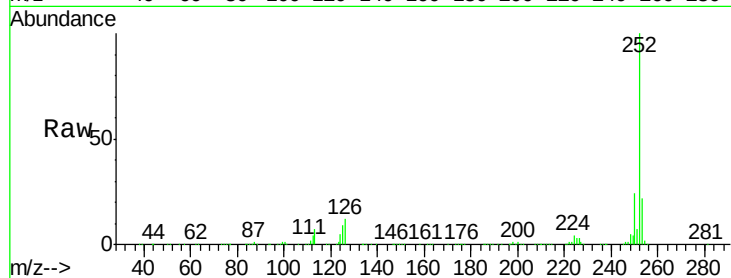
Tgt Ion:252 Resp: 970725

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

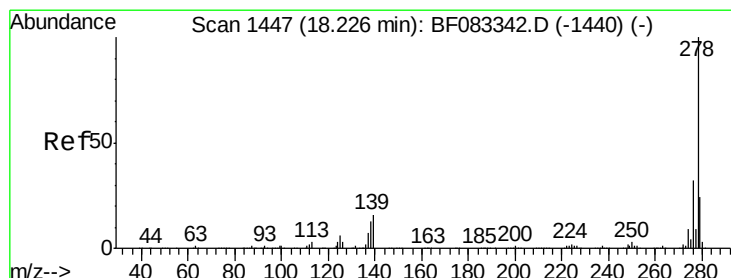
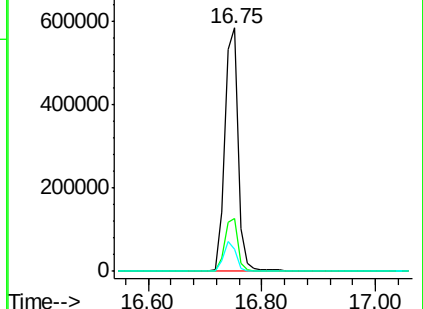
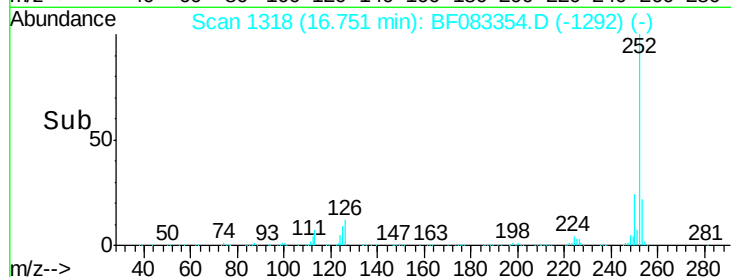
125 9.3 7.8 11.8



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: 34.71 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083354.D

Acq: 1 Dec 2015 1:12

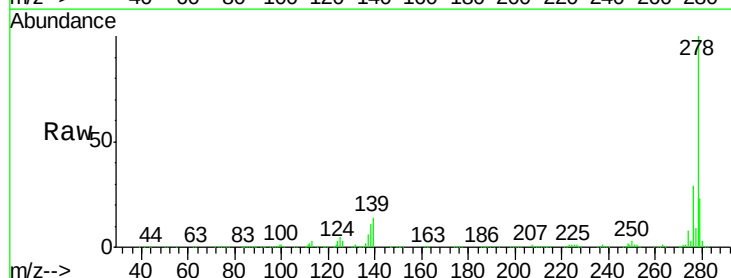
Tgt Ion:278 Resp: 767666

Ion Ratio Lower Upper

278 100

139 14.0 13.1 19.7

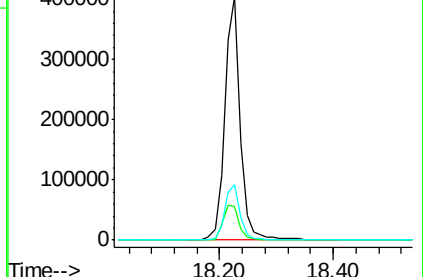
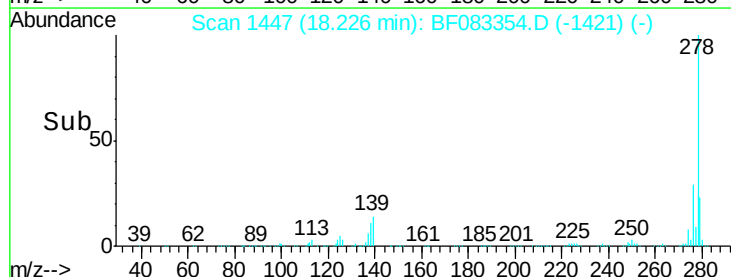
279 23.0 19.2 28.8

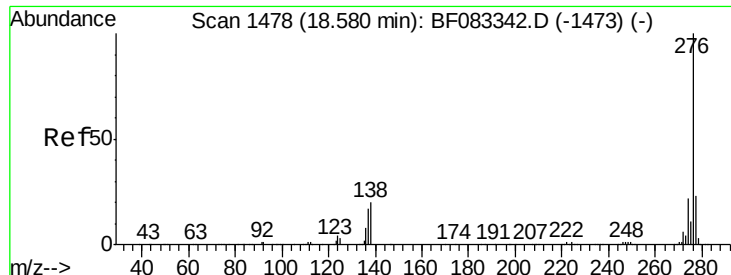


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.85 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF083354.D

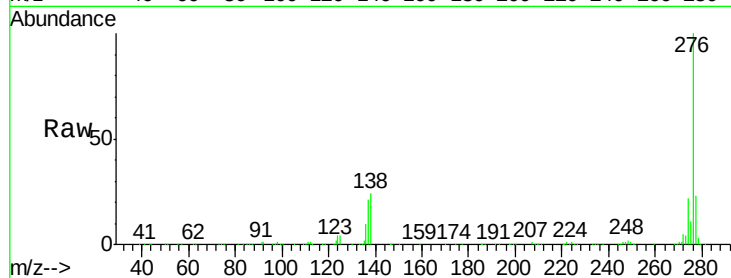
Acq: 1 Dec 2015 1:12

Instrument :

BNA_F

ClientSampleId :

PB86847BS



Tgt Ion: 276 Resp: 734849

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 23.8 16.1 24.1

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

