

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083346.D
 Acq On : 30 Nov 2015 21:08
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Quant Time: Dec 01 01:23:52 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	156594	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	597994	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	312593	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	593266	20.00	ng	0.00
75) Chrysene-d12	14.76	240	563562	20.00	ng	0.00
86) Perylene-d12	16.82	264	420613	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	814929	78.09	ng	0.00
7) Phenol-d6	6.21	99	1073585	75.16	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1080167	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	232416	74.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1651317	75.28	ng	0.00
78) Terphenyl-d14	13.22	244	1673771	70.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	205981	36.45	ng	98
3) Pyridine	2.57	79	514959	36.43	ng	98
4) n-Nitrosodimethylamine	2.52	42	294355	42.31	ng	96
6) Aniline	6.21	93	744115	38.08	ng	99
8) 2-Chlorophenol	6.34	128	454563	39.49	ng	98
9) Benzaldehyde	6.09	77	277242	40.44	ng	99
10) Phenol	6.24	94	627560	36.51	ng	99
11) bis(2-Chloroethyl)ether	6.29	93	473321	37.86	ng	97
12) 1,3-Dichlorobenzene	6.49	146	502627	39.28	ng	99
13) 1,4-Dichlorobenzene	6.57	146	510525	38.60	ng	99
14) 1,2-Dichlorobenzene	6.57	146	510525	42.08	ng	97
15) Benzyl Alcohol	6.72	79	448673	40.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.85	45	837665	38.18	ng	98
17) 2-Methylphenol	6.84	107	386107	40.24	ng	97
18) Hexachloroethane	7.06	117	177452	38.63	ng	98
19) n-Nitroso-di-n-propylamine	6.98	70	387175	37.92	ng	# 88
20) 3+4-Methylphenols	7.00	107	509640	39.21	ng	99
22) Acetophenone	6.98	105	703760	39.33	ng	# 98
24) Nitrobenzene	7.14	77	535980	36.90	ng	# 85
25) Isophorone	7.39	82	1046942	39.73	ng	99
26) 2-Nitrophenol	7.46	139	228373	38.51	ng	98
27) 2,4-Dimethylphenol	7.53	122	380187	38.25	ng	98
28) bis(2-Chloroethoxy)methane	7.61	93	584375	38.94	ng	99
29) 2,4-Dichlorophenol	7.71	162	374693	39.19	ng	99
30) 1,2,4-Trichlorobenzene	7.79	180	396122	38.07	ng	98
31) Naphthalene	7.86	128	1241002	38.25	ng	99
32) Benzoic acid	7.68	122	292689	42.69	ng	96
33) 4-Chloroaniline	7.93	127	552797	39.52	ng	98
34) Hexachlorobutadiene	7.98	225	221593	37.50	ng	100
35) Caprolactam	8.30	113	114575	37.93	ng	99
36) 4-Chloro-3-methylphenol	8.42	107	400012	37.30	ng	# 79
37) 2-Methylnaphthalene	8.56	142	818513	37.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	359360	36.27	ng	97
40) Hexachlorocyclopentadiene	8.70	237	179221	38.07	ng	100

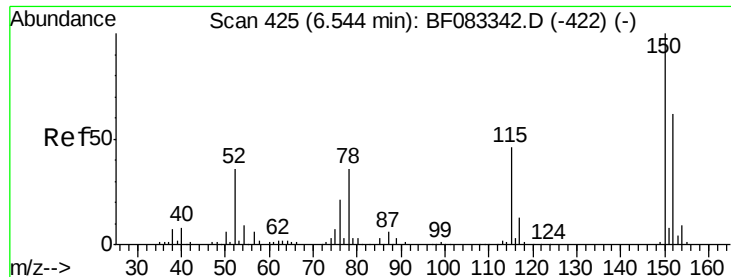
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	276805	39.82	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	287115	39.87	ng	98
45) 1,1'-Biphenyl	9.01	154	978520	35.70	ng	94
46) 2-Chloronaphthalene	9.04	162	795079	38.06	ng	99
47) 2-Nitroaniline	9.15	65	320685	38.76	ng	95
48) Acenaphthylene	9.45	152	1235378	37.08	ng	99
49) Dimethylphthalate	9.33	163	910647	35.85	ng	99
50) 2,6-Dinitrotoluene	9.39	165	223106	41.13	ng	93
51) Acenaphthene	9.62	154	729454	37.22	ng	99
52) 3-Nitroaniline	9.56	138	267521	42.07	ng	92
53) 2,4-Dinitrophenol	9.66	184	121062	40.92	ng	90
54) Dibenzofuran	9.79	168	1010488	35.18	ng	99
55) 4-Nitrophenol	9.74	139	161124	40.51	ng	90
56) 2,4-Dinitrotoluene	9.79	165	264340	38.40	ng	96
57) Fluorene	10.13	166	888858	39.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	216569	37.27	ng	95
59) Diethylphthalate	10.03	149	938949	38.78	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	404532	38.82	ng	99
61) 4-Nitroaniline	10.18	138	256393	40.30	ng	90
62) Azobenzene	10.29	77	1157917	39.58	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	170613	42.83	ng	84
65) n-Nitrosodiphenylamine	10.26	169	816363	39.16	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	250876	38.66	ng	98
67) Hexachlorobenzene	10.70	284	269312	37.53	ng	# 94
68) Atrazine	10.82	200	210063	36.43	ng	98
69) Pentachlorophenol	10.92	266	159872	42.53	ng	97
70) Phenanthrene	11.16	178	1328034	37.83	ng	99
71) Anthracene	11.22	178	1378489	39.00	ng	100
72) Carbazole	11.41	167	1260340	39.69	ng	100
73) Di-n-butylphthalate	11.86	149	1450396	38.54	ng	100
74) Fluoranthene	12.66	202	1377693	37.86	ng	99
76) Benzidine	12.86	184	636393	37.91	ng	97
77) Pyrene	12.97	202	1434606	36.45	ng	99
79) Butylbenzylphthalate	13.96	149	618193	37.03	ng	96
80) Benzo(a)anthracene	14.74	228	1296838	37.56	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	412225	38.22	ng	98
82) Chrysene	14.80	228	1187983	35.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	839541	37.48	ng	100
84) Di-n-octyl phthalate	15.85	149	1334763	40.02	ng	100
85) Indeno(1,2,3-cd)pyrene	18.20	276	881879	36.30	ng	100
87) Benzo(b)fluoranthene	16.31	252	1047595	38.82	ng	99
88) Benzo(k)fluoranthene	16.35	252	950722	37.31	ng	99
89) Benzo(a)pyrene	16.75	252	902359	38.93	ng	100
90) Dibenzo(a,h)anthracene	18.23	278	743484	36.81	ng	99
91) Benzo(g,h,i)perylene	18.58	276	713554	35.99	ng	98

(#) = 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: BF083346.D

Acq: 30 Nov 2015 21:08

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BNA_F

ClientSampleId :

ICVBF113015

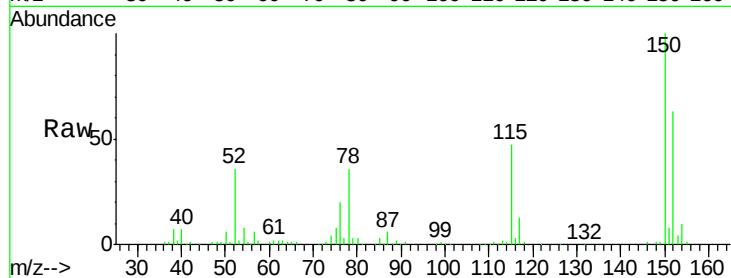
Tgt Ion:152 Resp: 156594

Ion Ratio Lower Upper

152 100

150 158.4 129.8 194.8

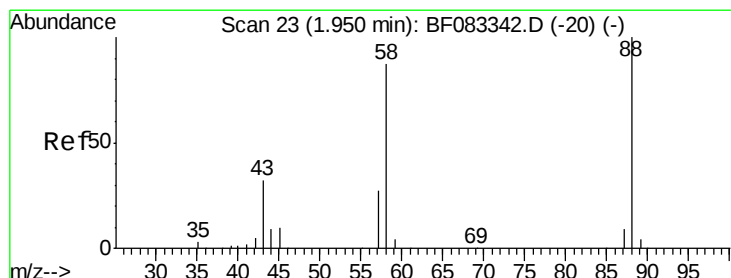
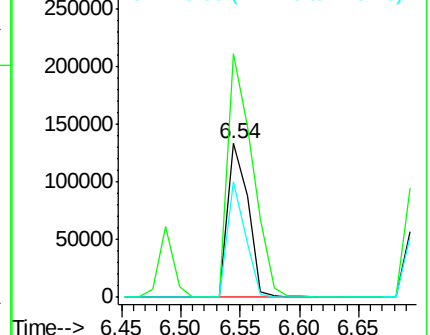
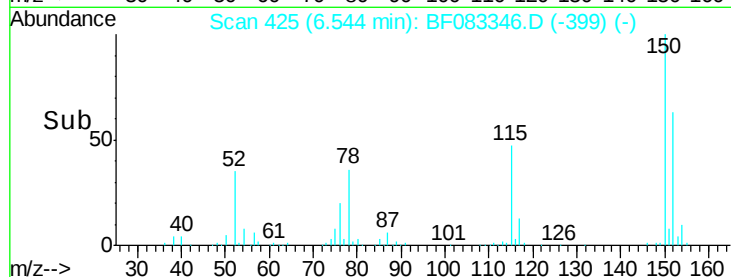
115 75.0 59.2 88.8



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: 36.45 ng

RT: 1.95 min Scan# 23

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

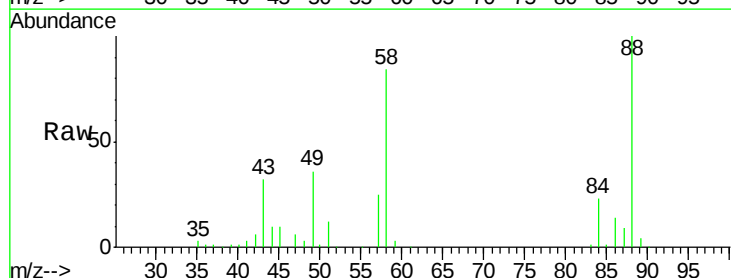
Tgt Ion: 88 Resp: 205981

Ion Ratio Lower Upper

88 100

58 85.6 66.6 100.0

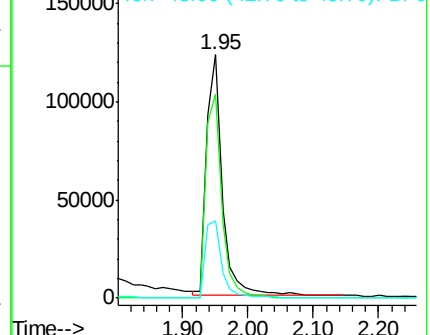
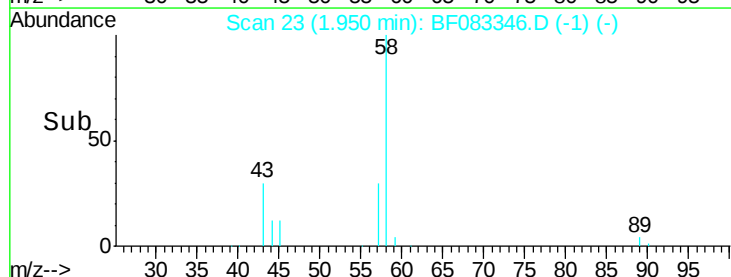
43 33.9 27.1 40.7

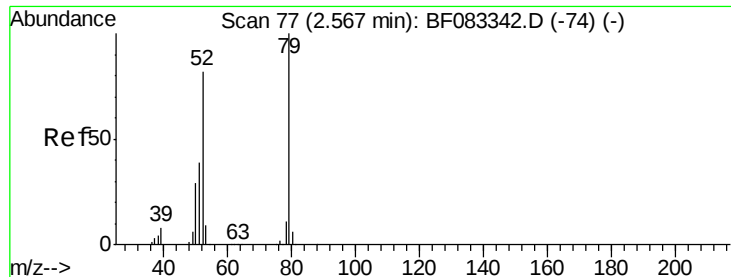


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

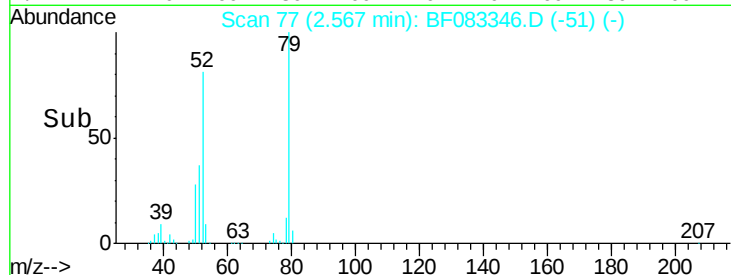
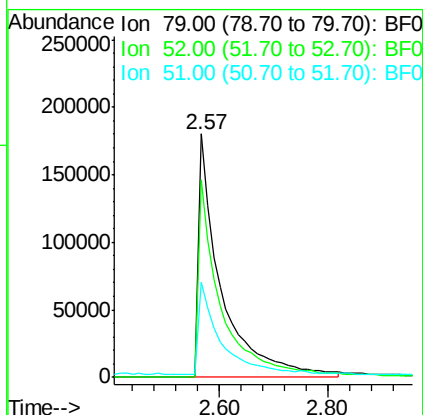
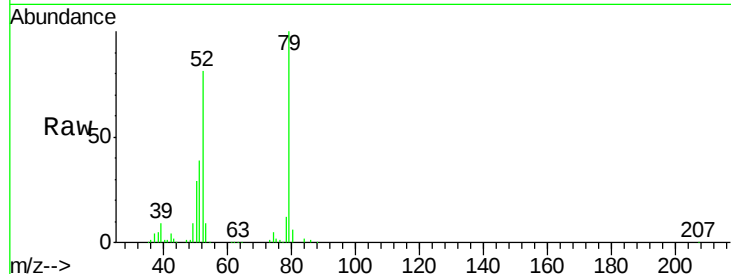




#3
 Pyridine
 Concen: 36.43 ng
 RT: 2.57 min Scan# 77
 Delta R.T. 0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

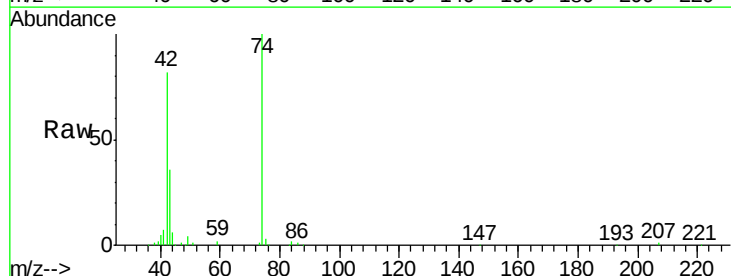
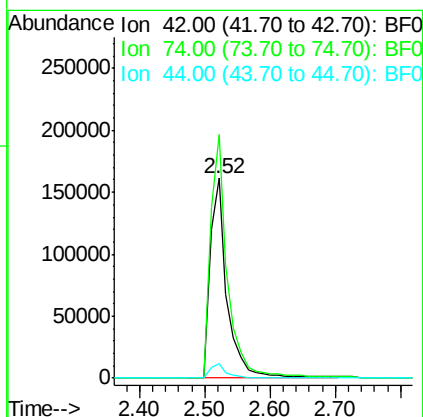
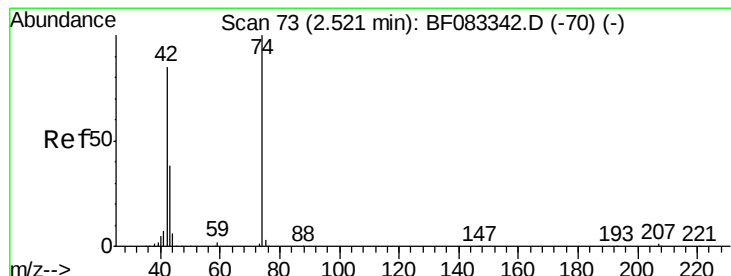
Instrument :
 BNA_F
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 ICVBF113015

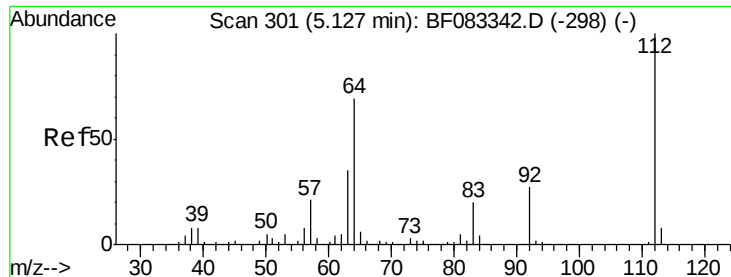
Tgt Ion	Resp	Lower	Upper
79	514959		
52	80.9	65.9	98.9
51	38.9	32.3	48.5



#4
 n-Nitrosodimethylamine
 Concen: 42.31 ng
 RT: 2.52 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Resp	Lower	Upper
42	294355		
74	121.8	93.7	140.5
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 78.09 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

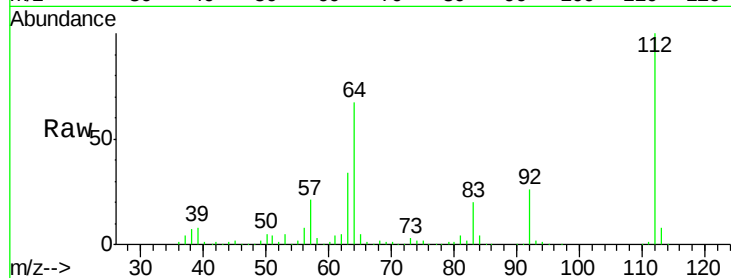
Tgt Ion: 112 Resp: 814929

Ion Ratio Lower Upper

112 100

64 67.4 55.6 83.4

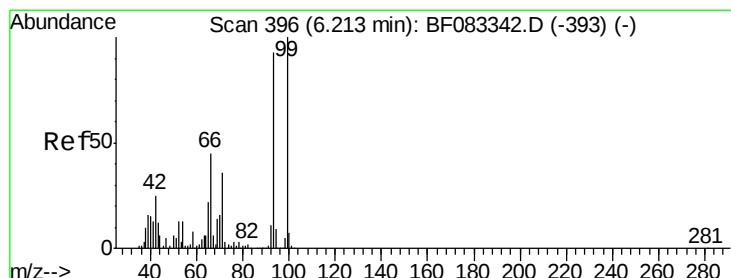
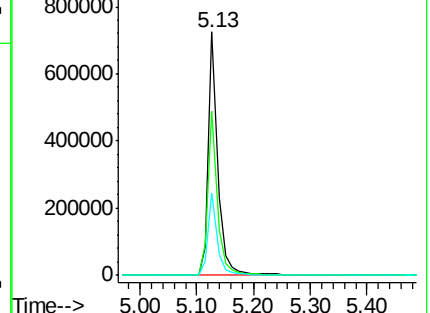
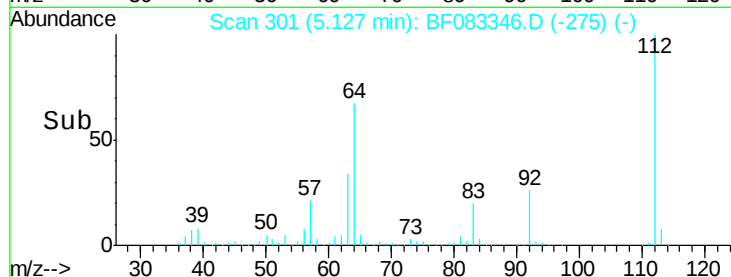
63 33.9 28.2 42.2



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: 38.08 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

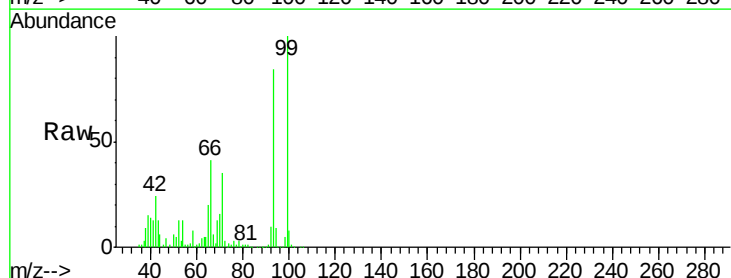
Tgt Ion: 93 Resp: 744115

Ion Ratio Lower Upper

93 100

66 48.9 38.7 58.1

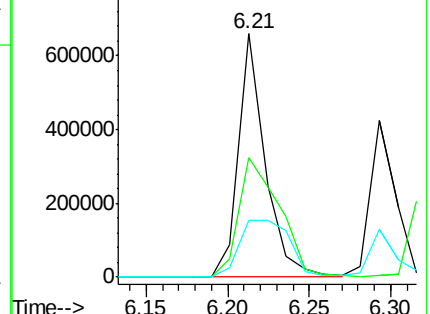
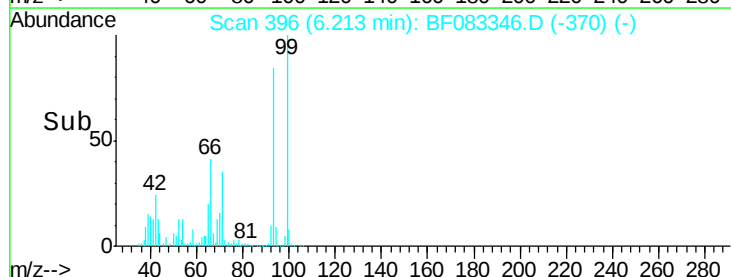
65 23.6 19.0 28.6

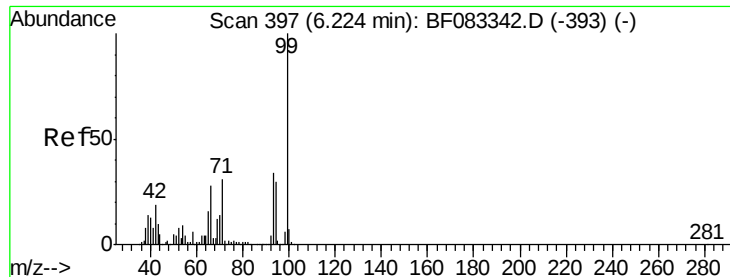


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.16 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

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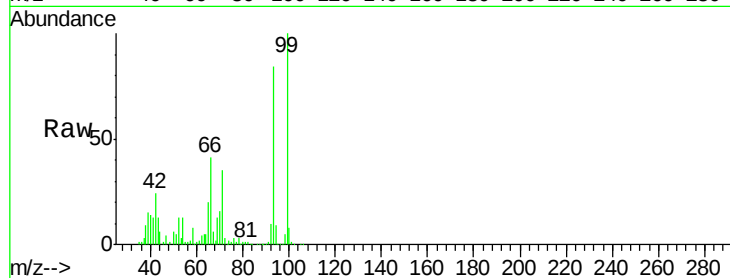
Tgt Ion: 99 Resp: 1073585

Ion Ratio Lower Upper

99 100

42 24.3 14.9 22.3#

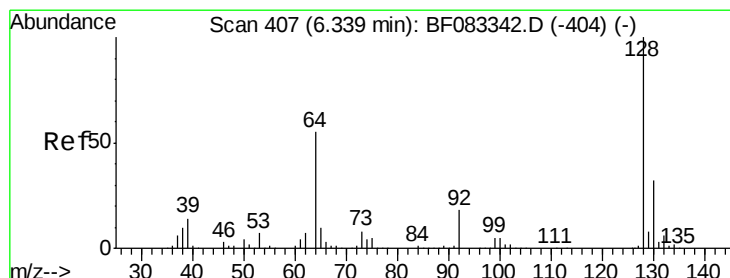
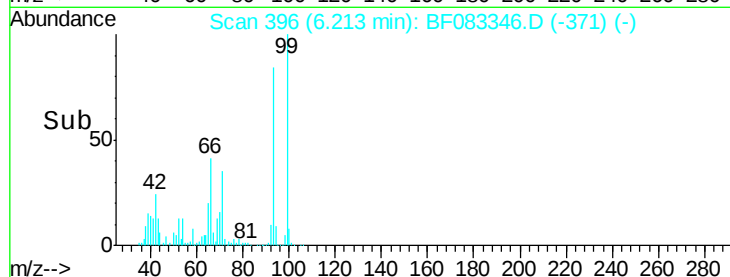
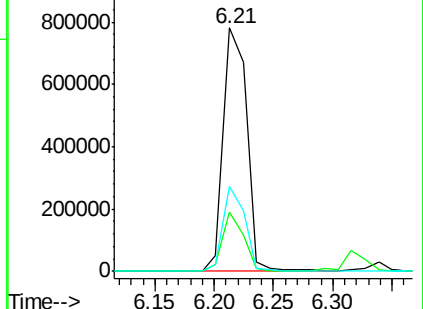
71 35.0 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.49 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

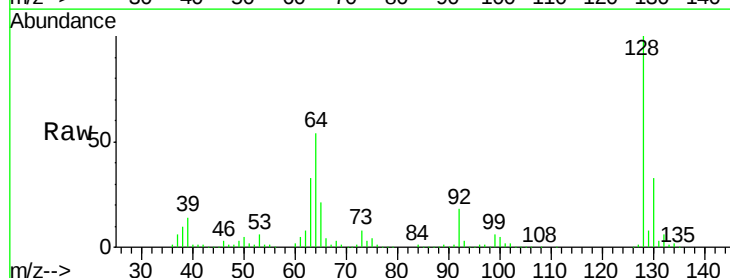
Tgt Ion: 128 Resp: 454563

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

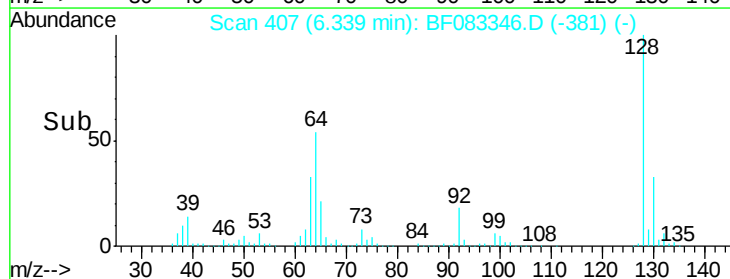
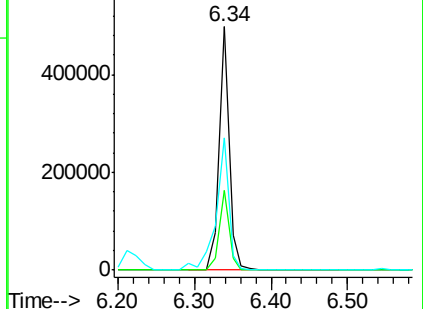
64 54.2 36.4 76.4

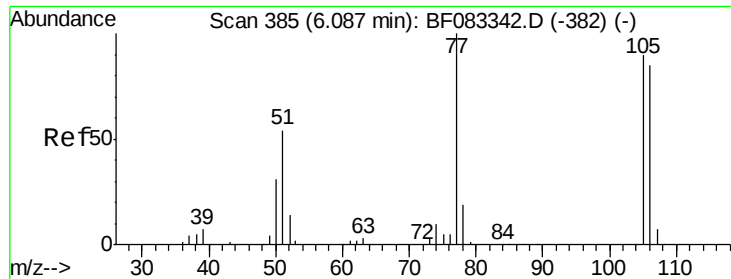


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.44 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083346.D

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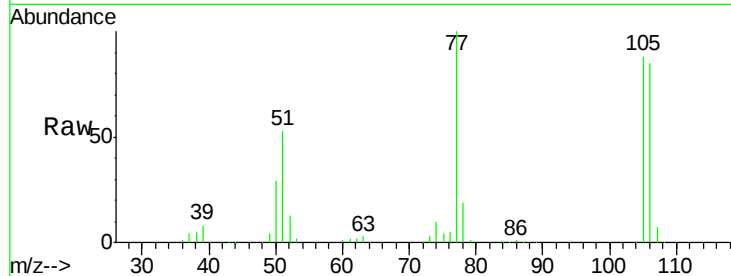
Tgt Ion: 77 Resp: 277242

Ion Ratio Lower Upper

77 100

105 87.8 70.0 110.0

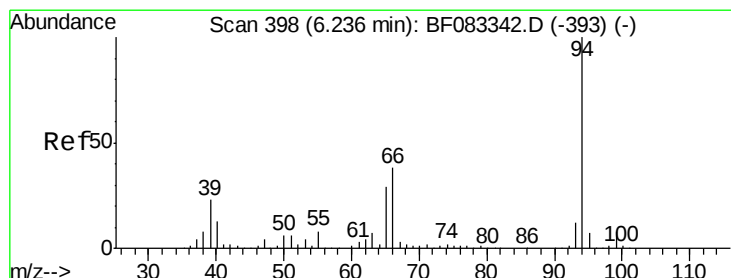
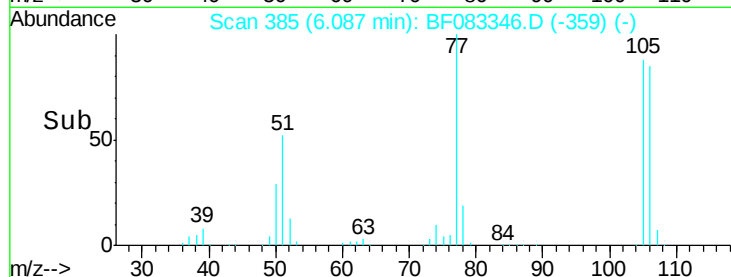
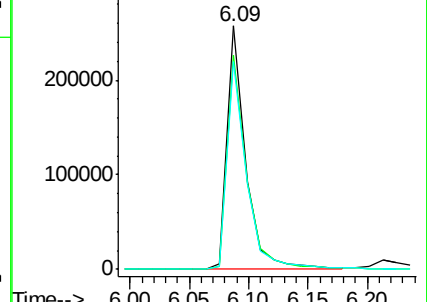
106 85.3 65.0 105.0



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: 36.51 ng

RT: 6.24 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

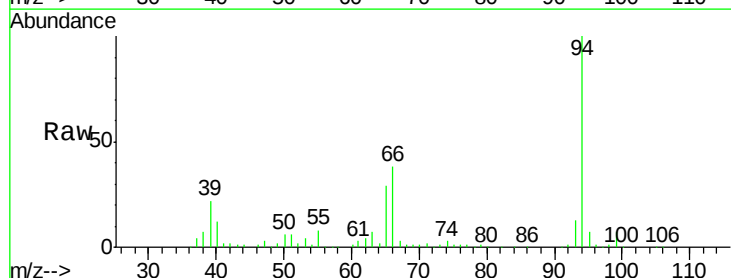
Tgt Ion: 94 Resp: 627560

Ion Ratio Lower Upper

94 100

65 28.8 9.5 49.5

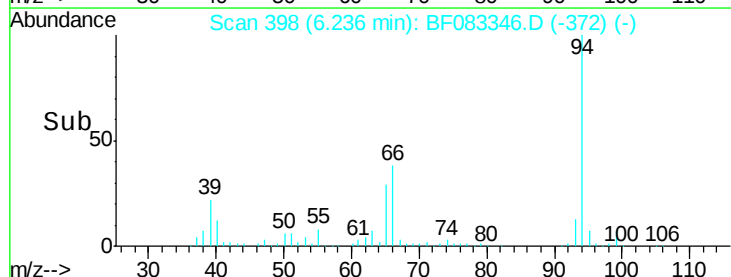
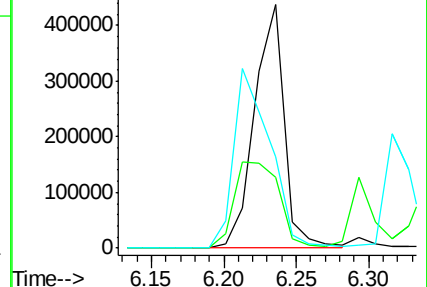
66 37.6 17.9 57.9

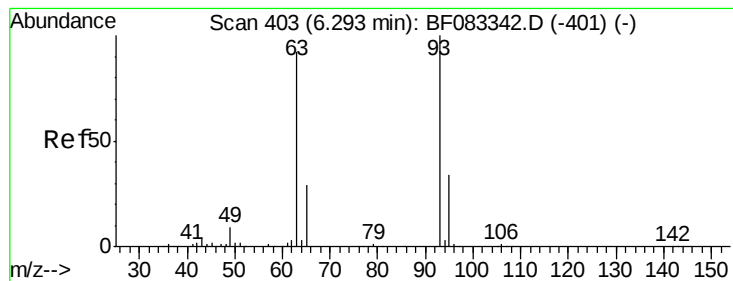


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.86 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

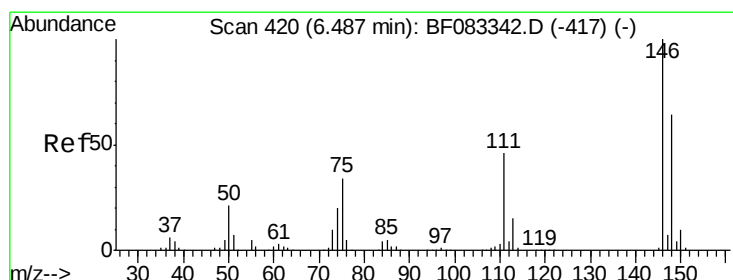
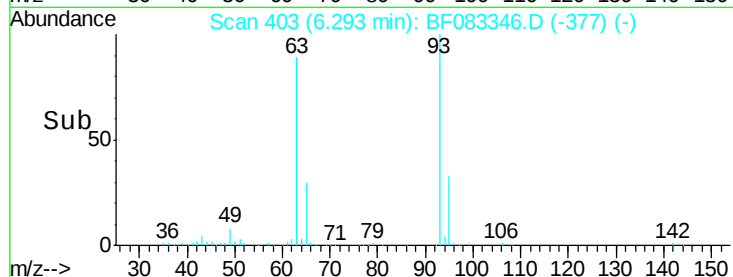
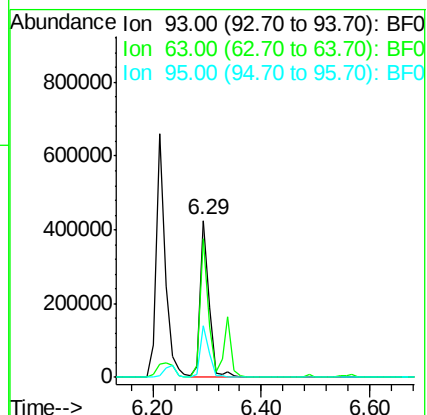
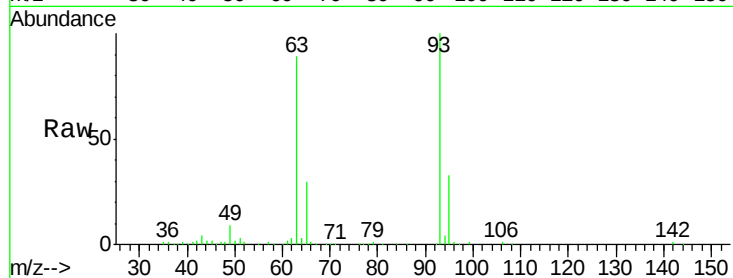
Tgt Ion: 93 Resp: 473321

Ion Ratio Lower Upper

93 100

63 88.6 71.4 111.4

95 32.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.28 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

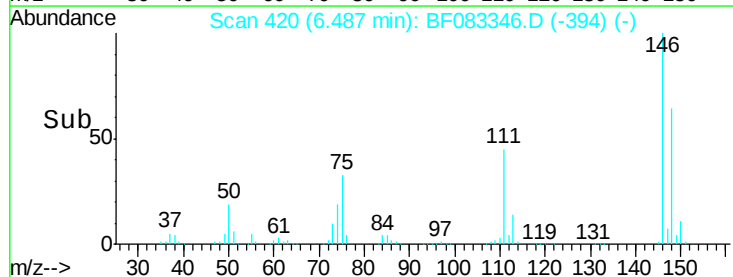
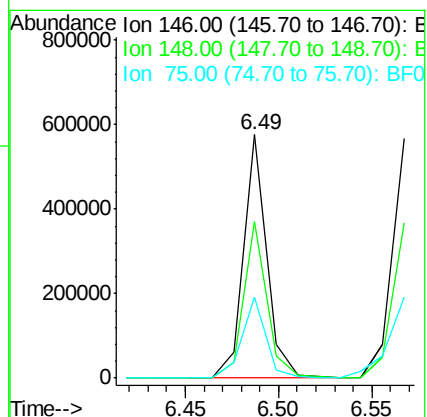
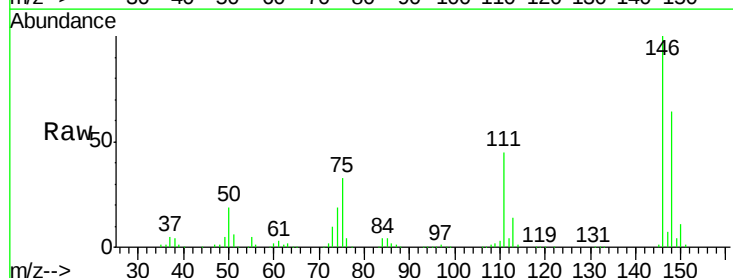
Tgt Ion: 146 Resp: 502627

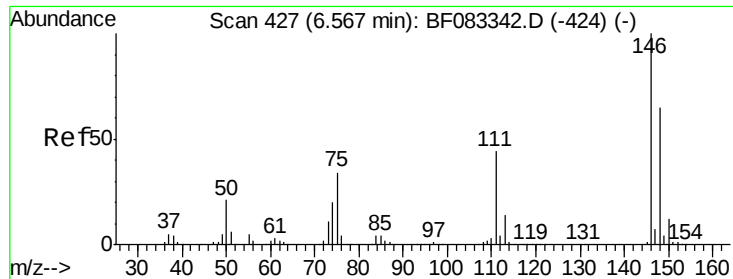
Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

75 33.0 27.5 41.3

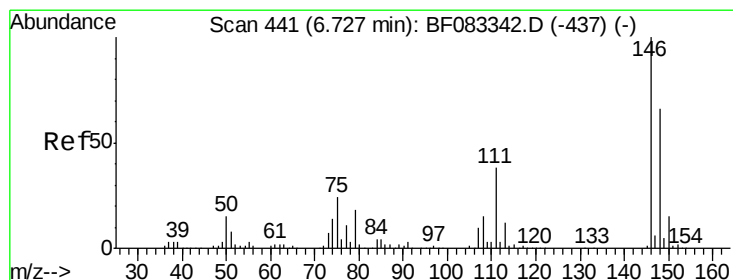
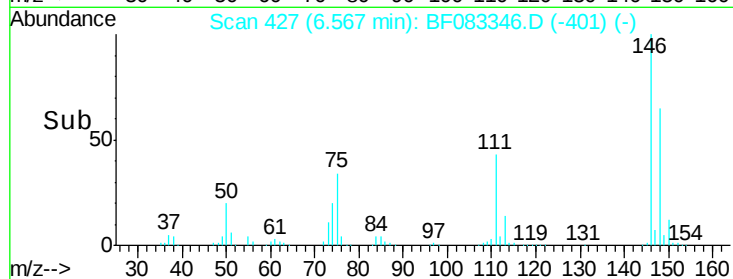
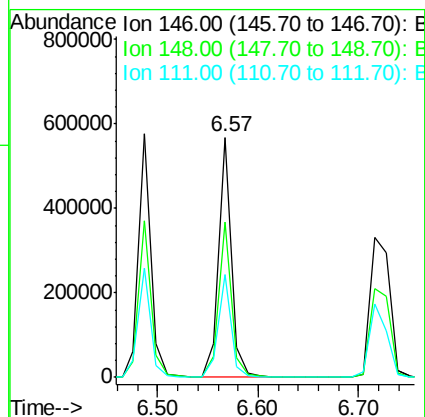
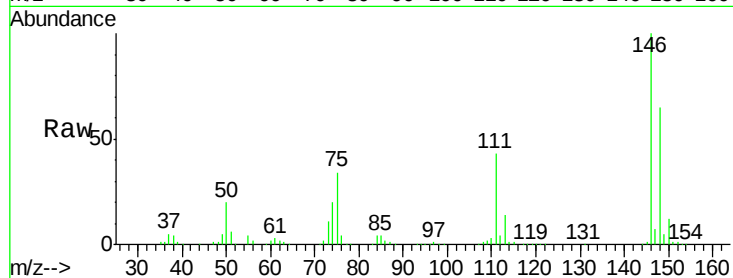




#13
 1,4-Dichlorobenzene
 Concen: 38.60 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

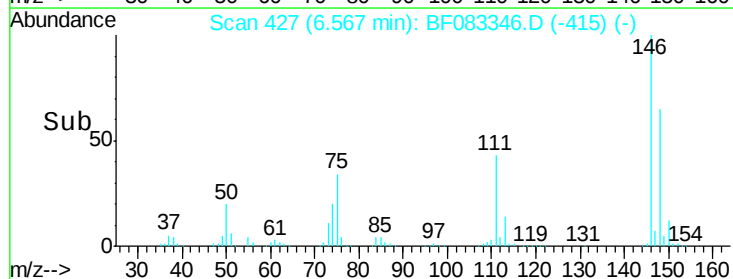
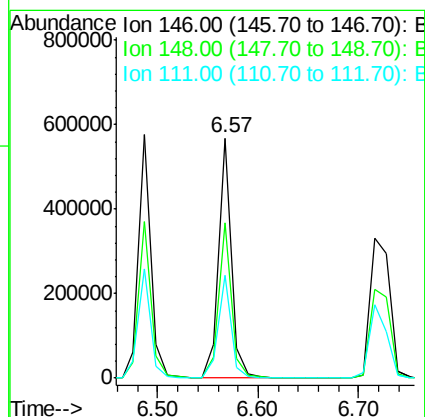
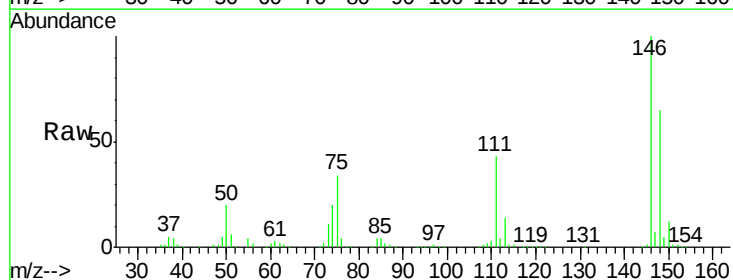
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

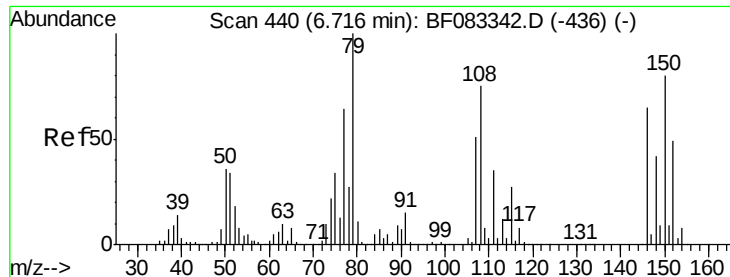
Tgt Ion:146 Resp: 510525
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.1 78.1
 111 42.6 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 42.08 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.16 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:146 Resp: 510525
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.5 78.7
 111 42.6 30.6 46.0





#15

Benzyl Alcohol

Concen: 40.64 ng

RT: 6.72 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

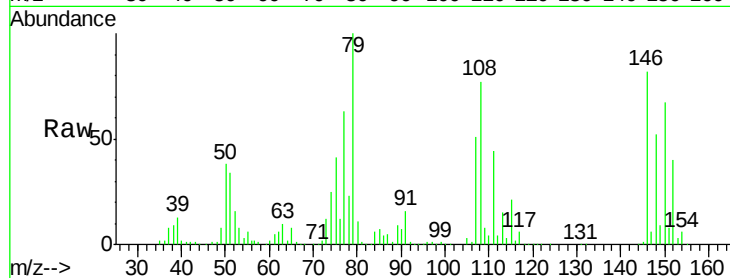
Tgt Ion: 79 Resp: 448673

Ion Ratio Lower Upper

79 100

108 77.1 59.9 89.9

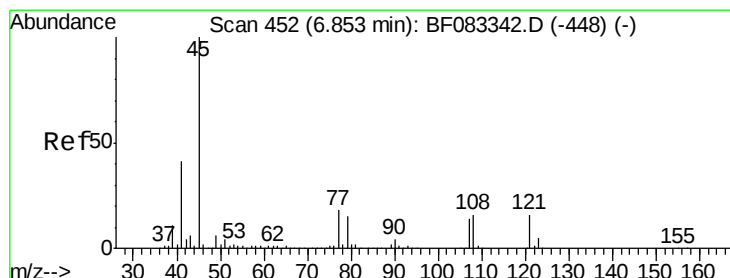
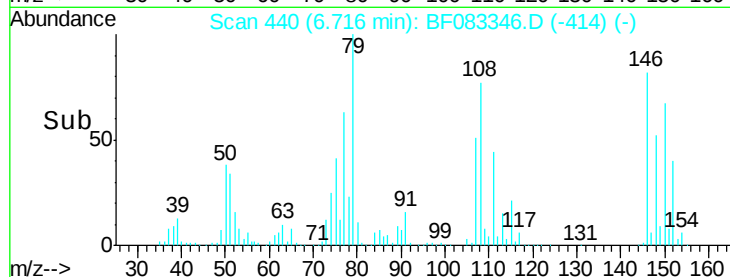
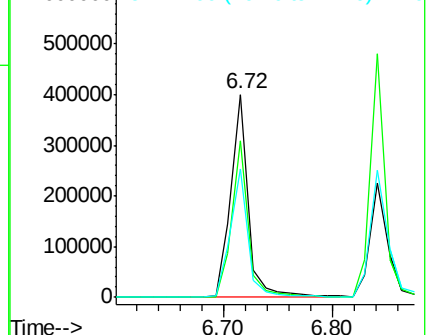
77 63.1 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

RT: 6.85 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

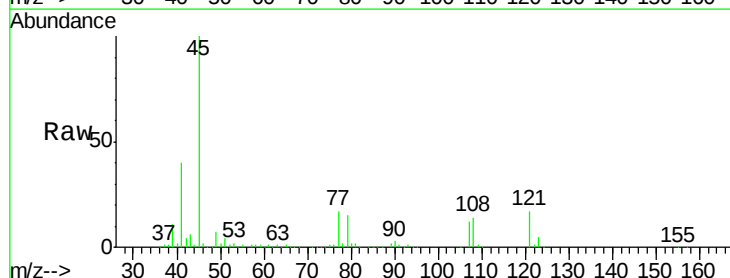
Tgt Ion: 45 Resp: 837665

Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.3

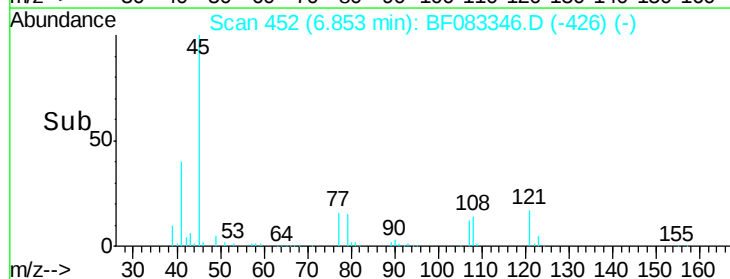
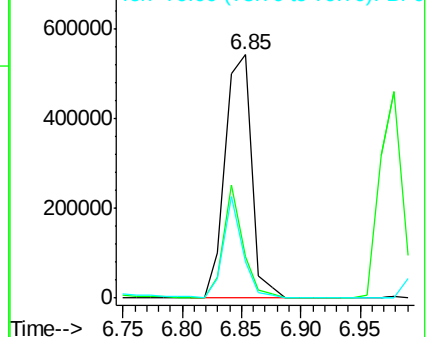
79 15.0 0.0 35.4

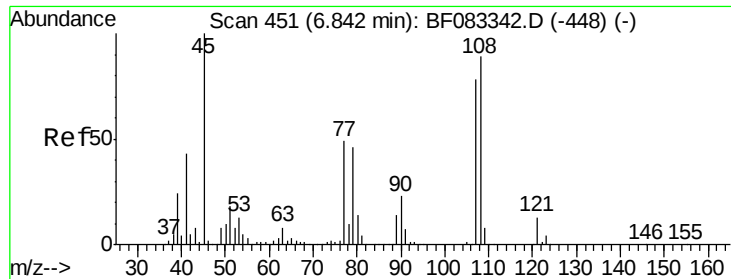


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

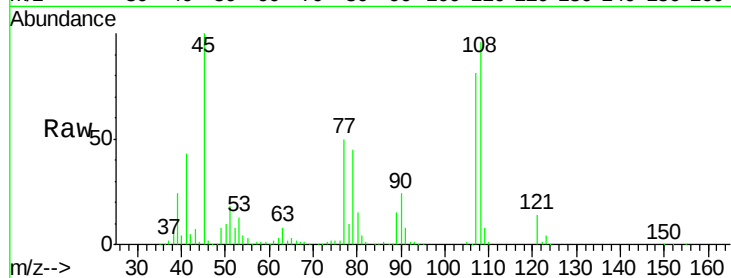




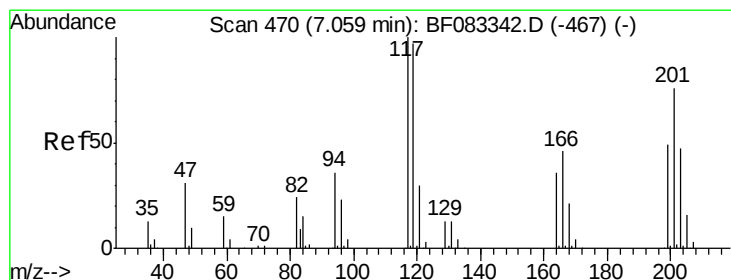
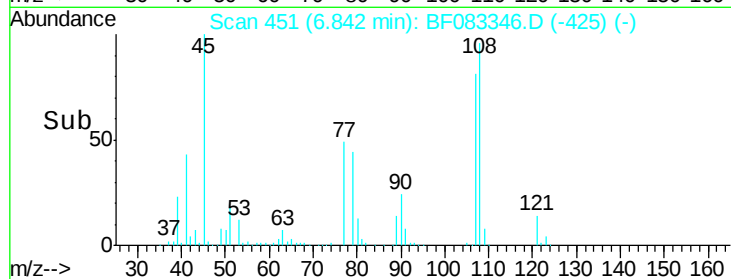
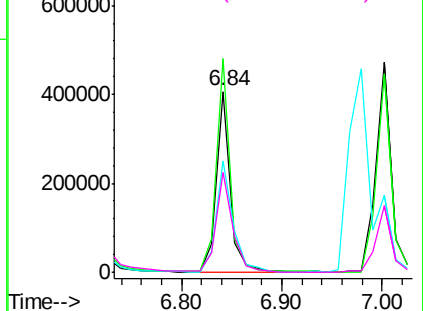
#17
2-Methylphenol
Concen: 40.24 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:	107	Resp:	386107
Ion	Ratio	Lower	Upper
107	100		
108	118.2	91.6	137.4
77	61.7	49.9	74.9
79	55.5	47.3	70.9

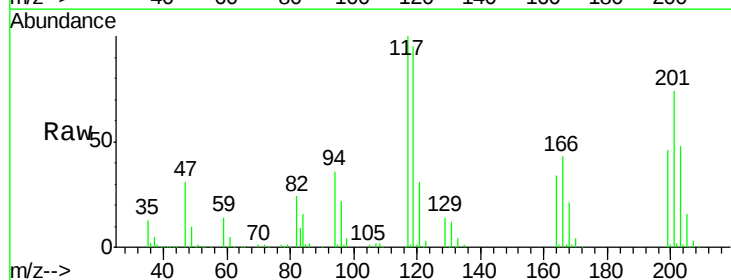


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

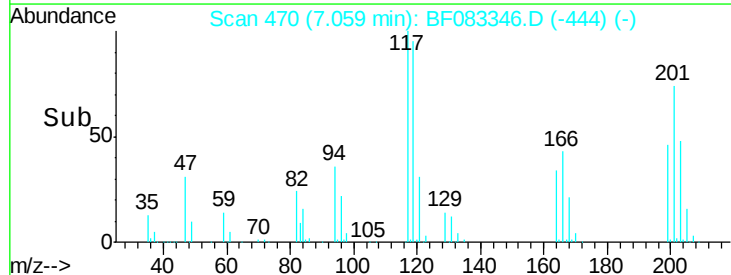
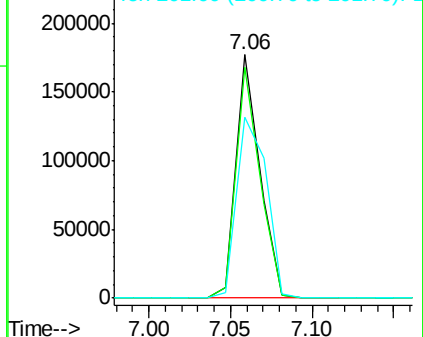


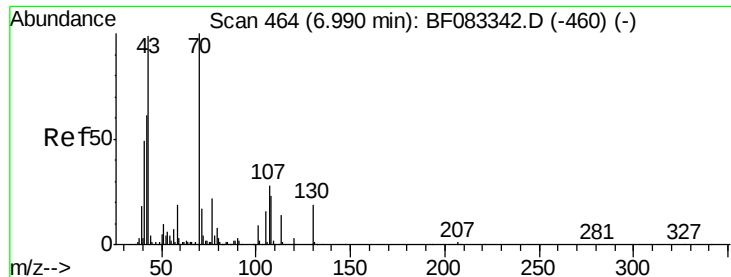
#18
Hexachloroethane
Concen: 38.63 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:	117	Resp:	177452
Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.3	115.9
201	74.3	60.6	90.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

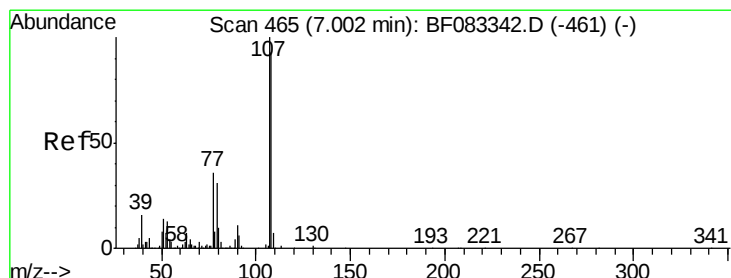
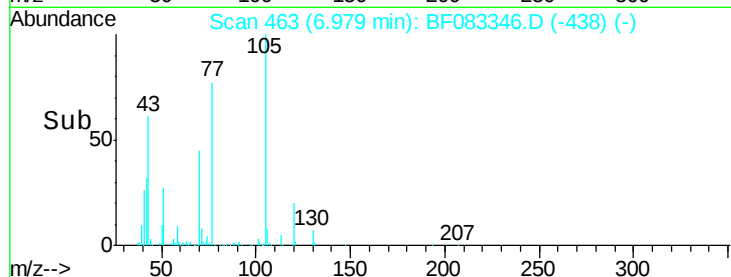
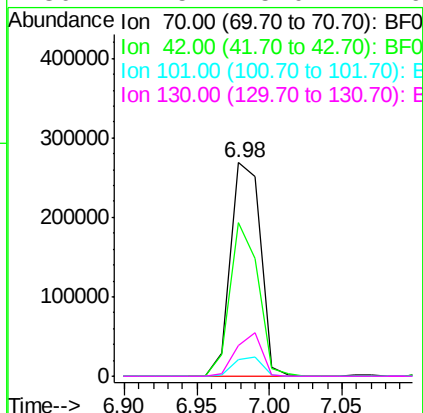
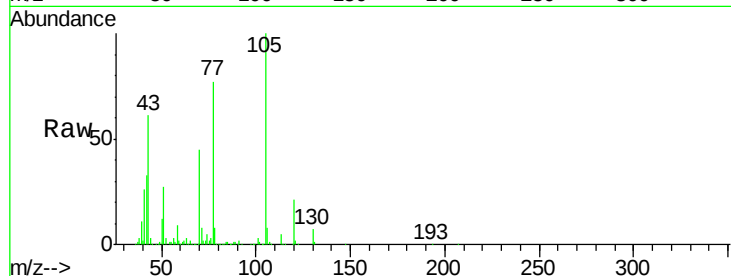




#19
n-Nitroso-di-n-propylamine
Concen: 37.92 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

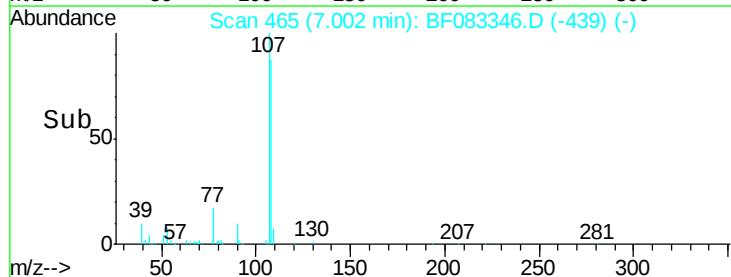
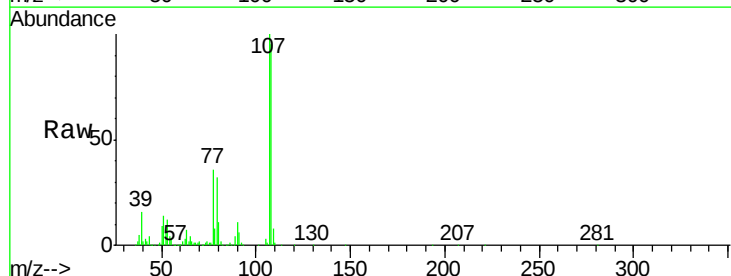
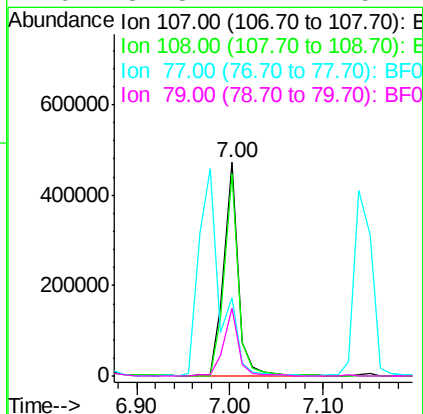
Instrument :
BNA_F
ClientSampleId :
ICVBF113015

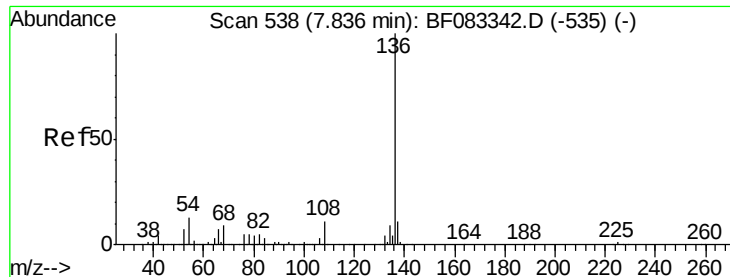
Tgt Ion: 70 Resp: 387175
Ion Ratio Lower Upper
70 100
42 71.7 48.8 73.2
101 7.5 7.1 10.7
130 14.5 15.0 22.6#



#20
3+4-Methylphenols
Concen: 39.21 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion: 107 Resp: 509640
Ion Ratio Lower Upper
107 100
108 94.8 73.0 113.0
77 36.4 16.8 56.8
79 31.8 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: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion:136 Resp: 597994

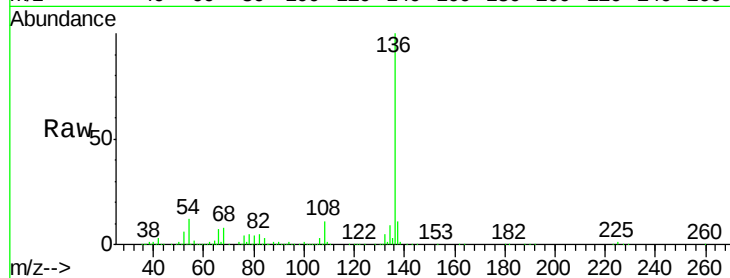
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 12.4 10.1 15.1

68 8.3 7.1 10.7

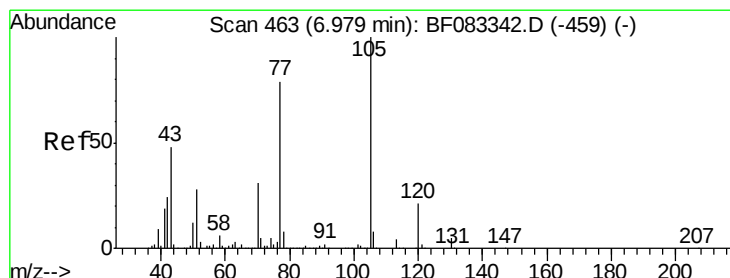
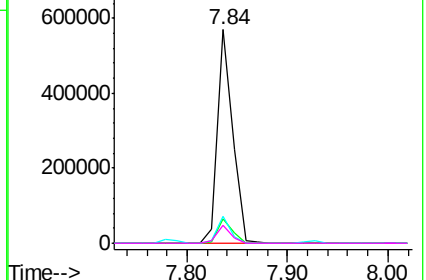
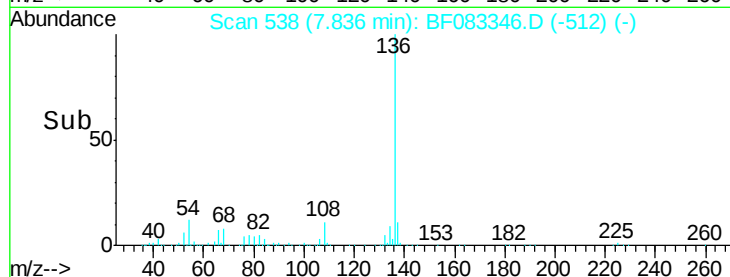


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.33 ng

RT: 6.98 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion:105 Resp: 703760

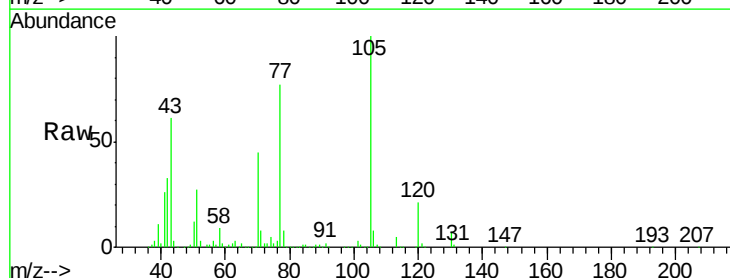
Ion Ratio Lower Upper

105 100

71 7.6 4.3 6.5#

51 27.5 22.9 34.3

120 20.6 16.7 25.1

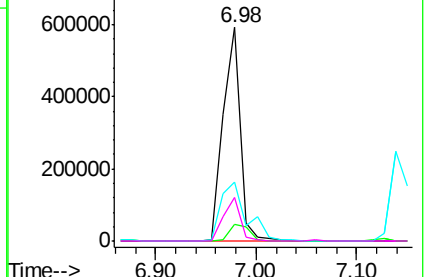
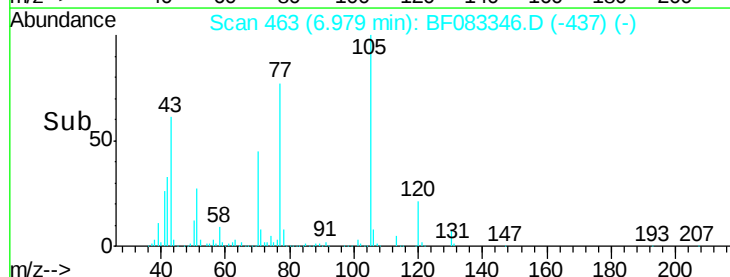


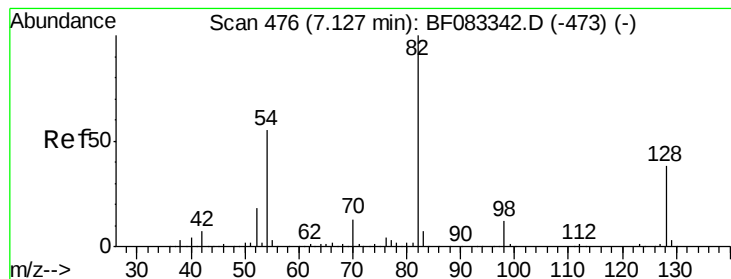
Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.40 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

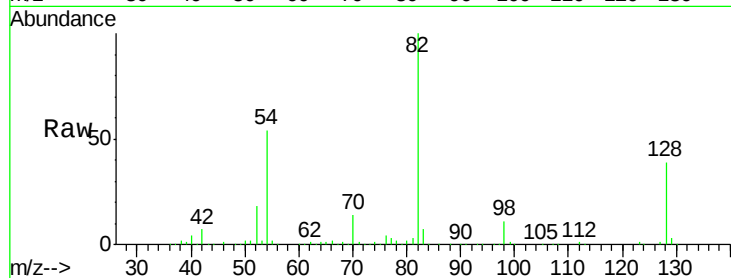
Tgt Ion: 82 Resp: 1080167

Ion Ratio Lower Upper

82 100

128 38.8 30.6 46.0

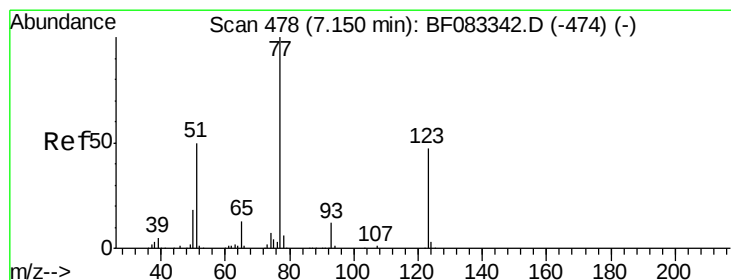
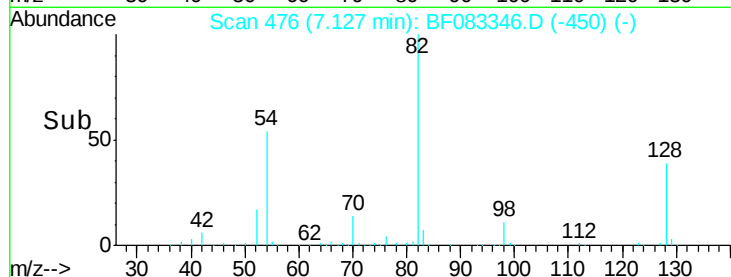
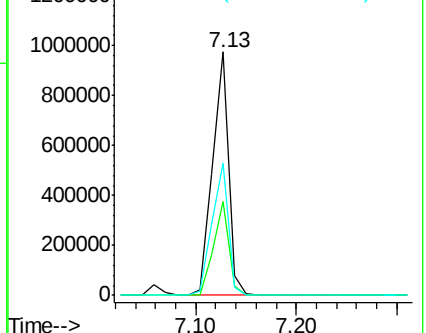
54 54.2 43.8 65.6



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: 36.90 ng

RT: 7.14 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

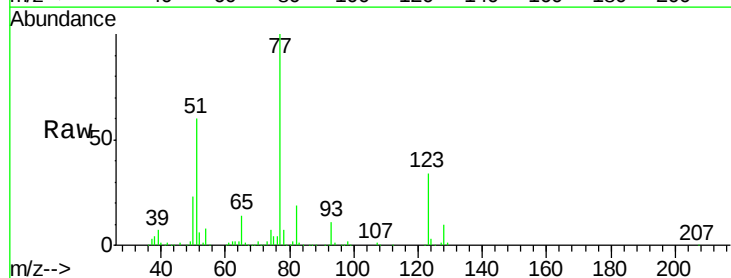
Tgt Ion: 77 Resp: 535980

Ion Ratio Lower Upper

77 100

123 34.3 37.4 56.0#

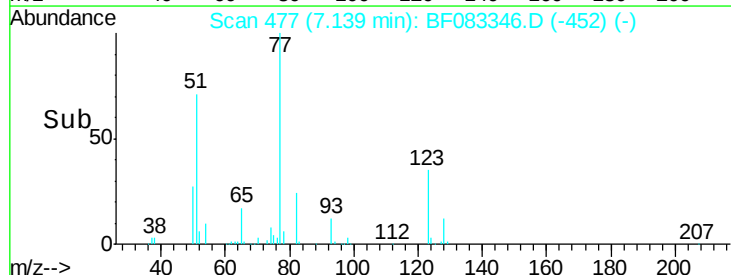
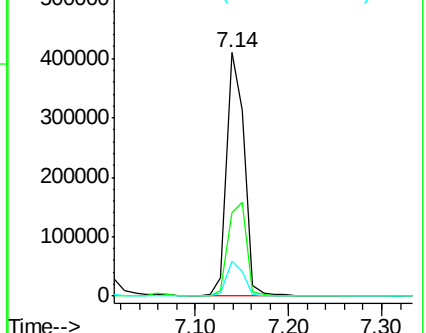
65 14.2 10.6 15.8

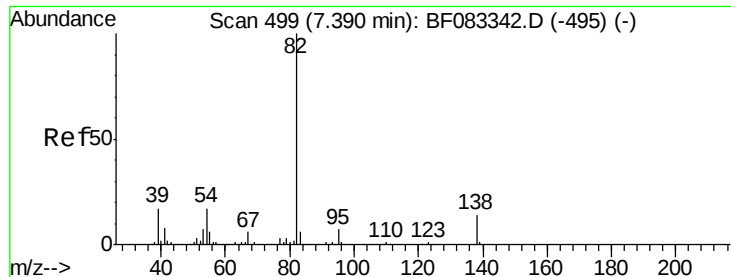


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.73 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

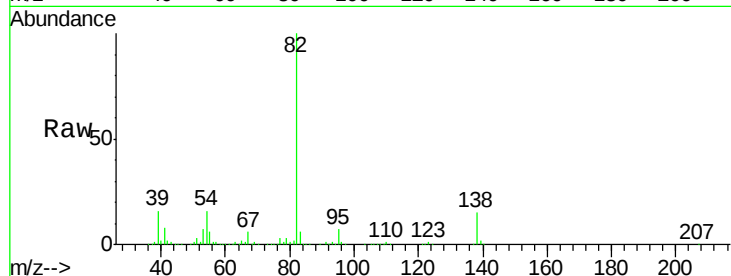
Tgt Ion: 82 Resp: 1046942

Ion Ratio Lower Upper

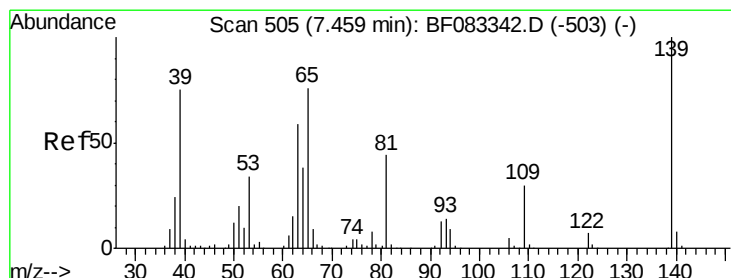
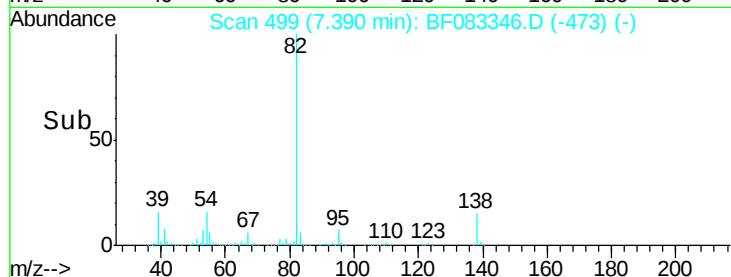
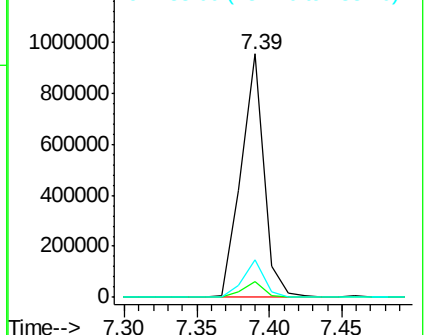
82 100

95 6.7 5.3 7.9

138 15.3 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: 38.51 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

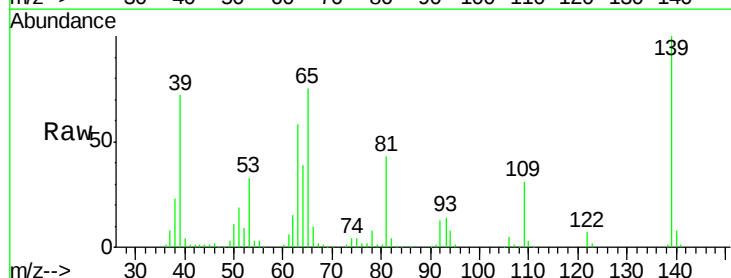
Tgt Ion: 139 Resp: 228373

Ion Ratio Lower Upper

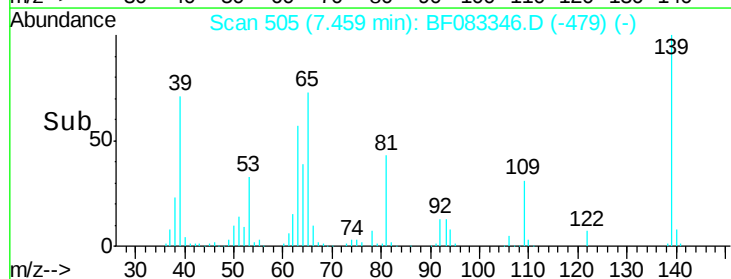
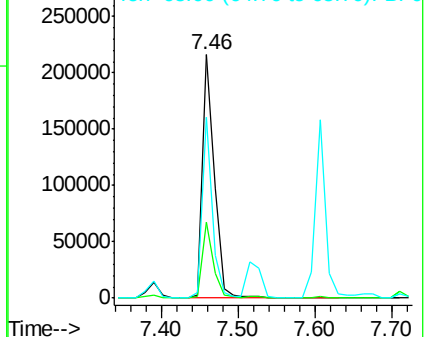
139 100

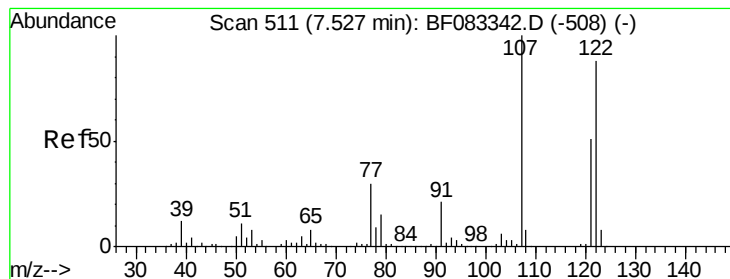
109 31.1 24.2 36.4

65 74.5 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: 38.25 ng

RT: 7.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

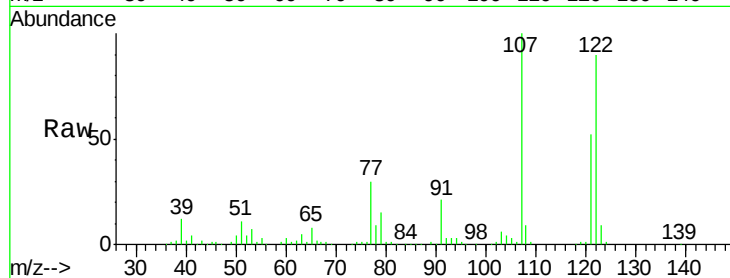
Tgt Ion:122 Resp: 380187

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

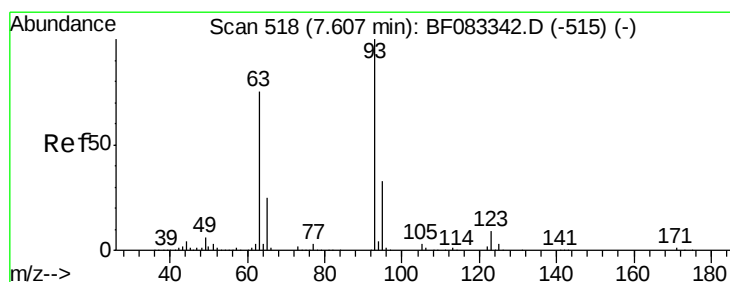
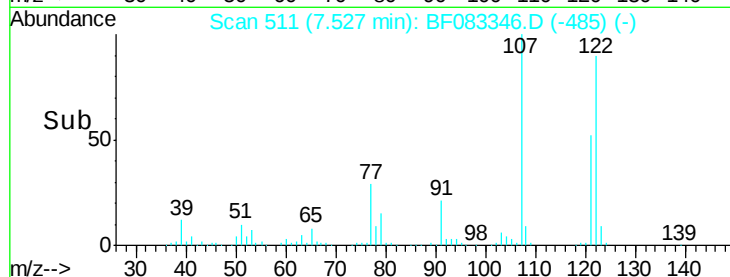
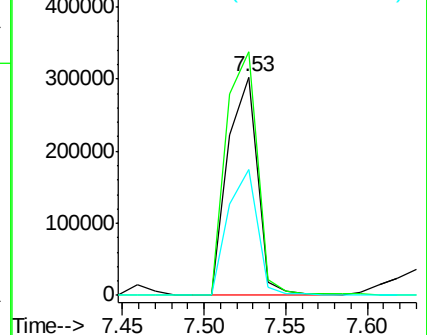
121 57.5 46.4 69.6



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: 38.94 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

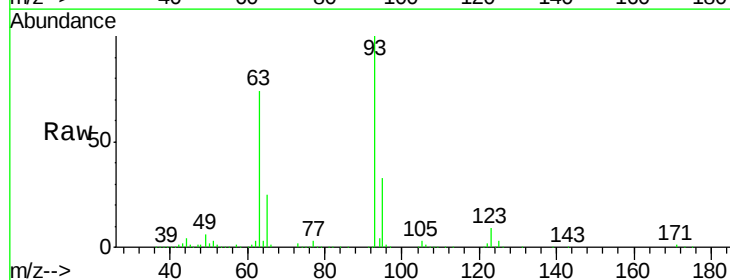
Tgt Ion: 93 Resp: 584375

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

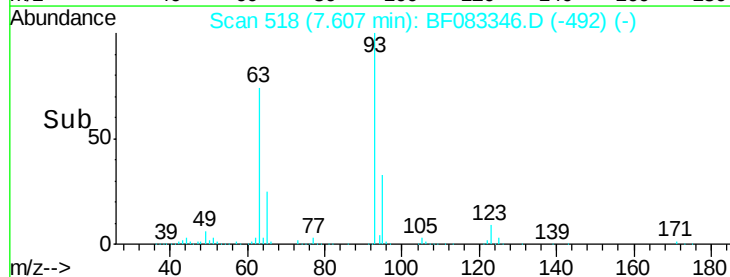
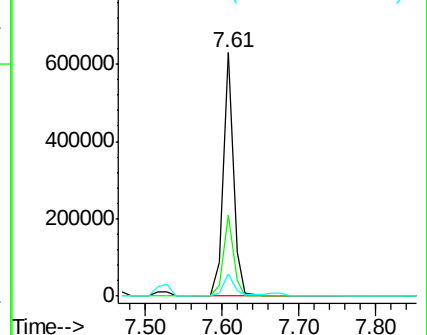
123 9.2 7.4 11.0

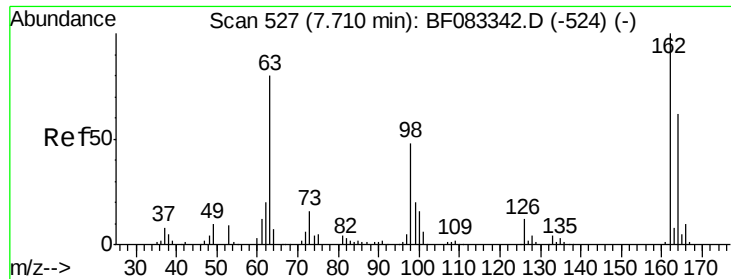


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

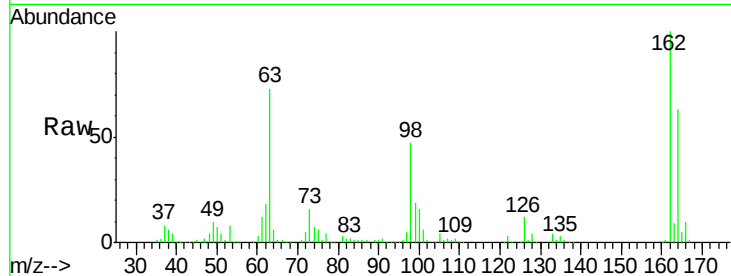




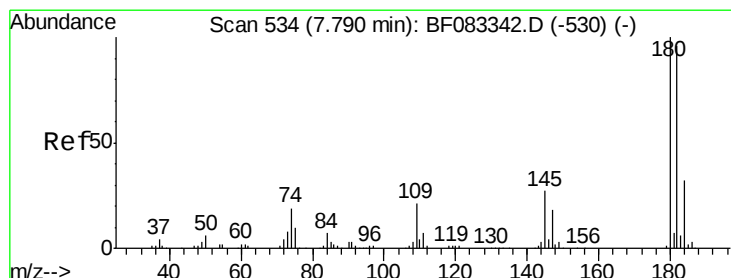
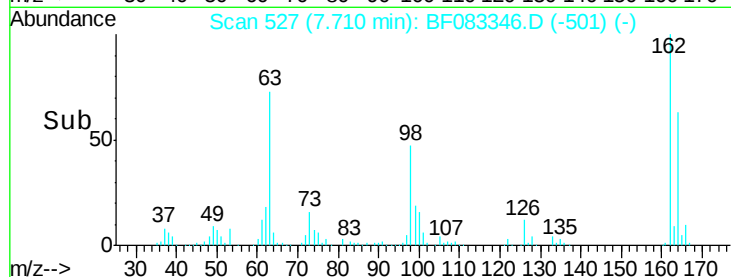
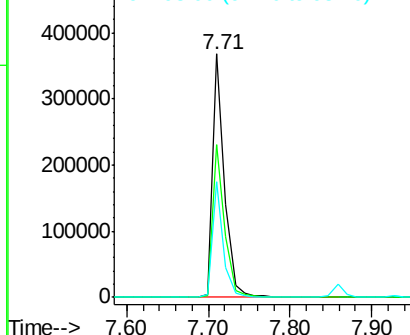
#29
 2,4-Dichlorophenol
 Concen: 39.19 ng
 RT: 7.71 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	41.9	81.9
98	47.4	28.1	68.1

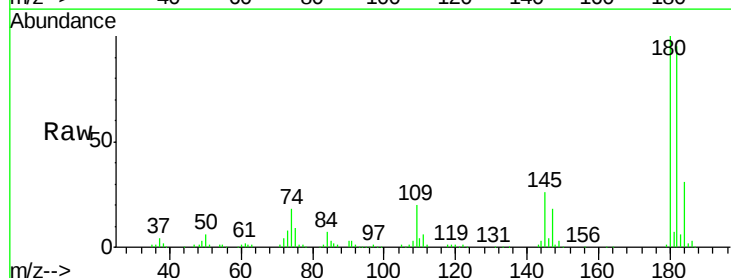


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

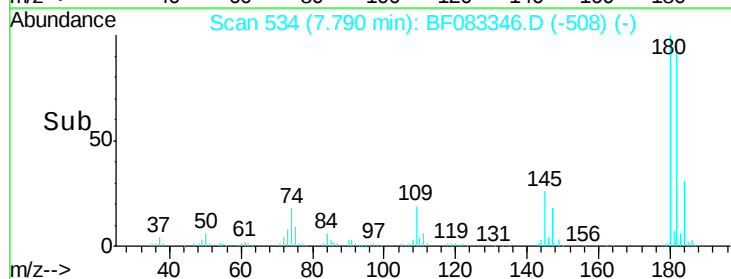
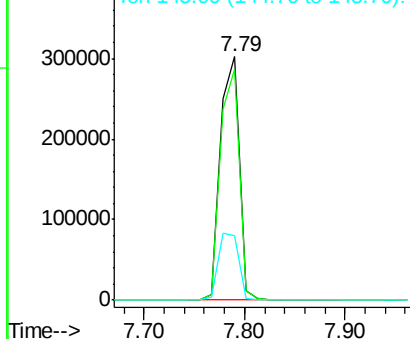


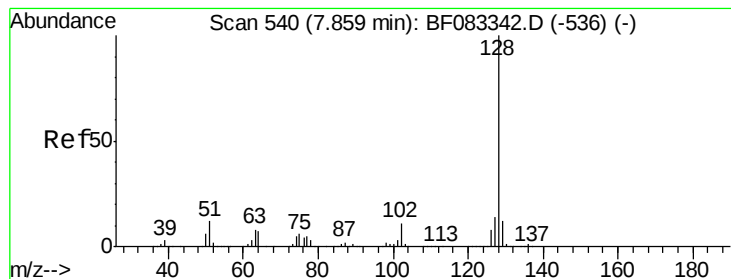
#30
 1,2,4-Trichlorobenzene
 Concen: 38.07 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.2	115.8
145	26.3	21.4	32.2



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





#31

Naphthalene

Concen: 38.25 ng

RT: 7.86 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

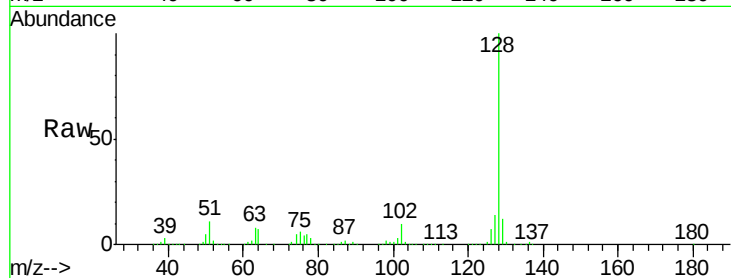
Tgt Ion:128 Resp: 1241002

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

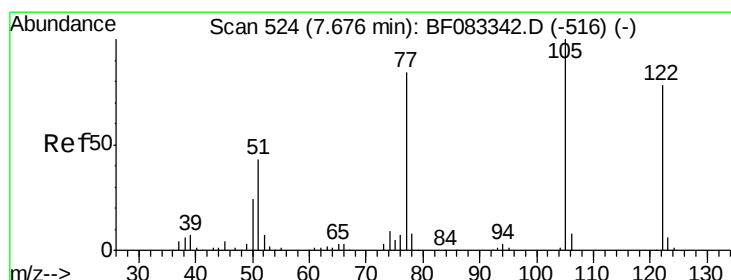
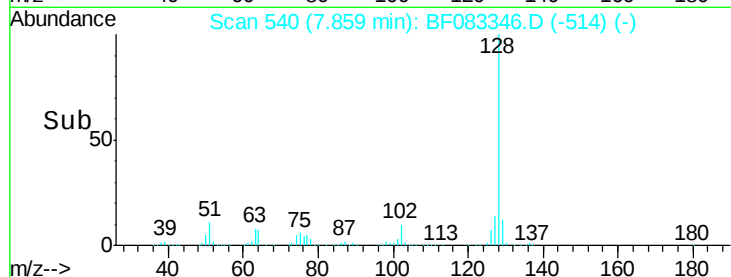
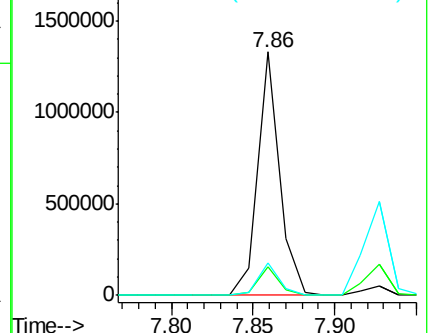
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.69 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

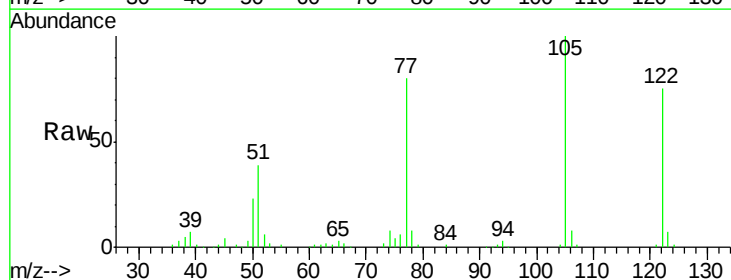
Tgt Ion:122 Resp: 292689

Ion Ratio Lower Upper

122 100

105 132.9 106.0 146.0

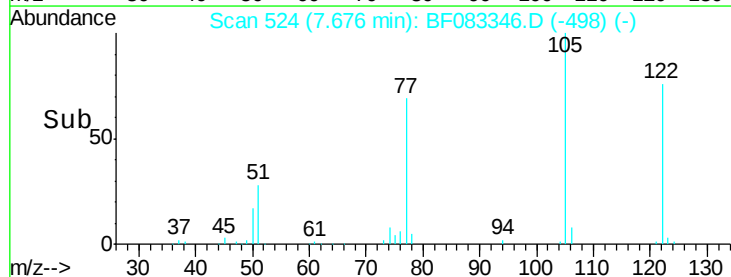
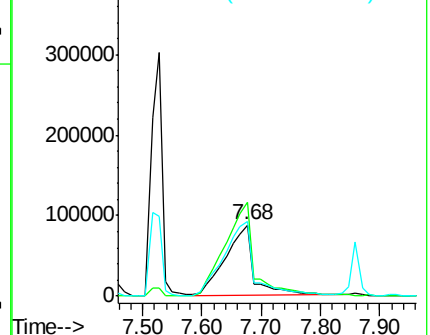
77 105.8 86.3 126.3

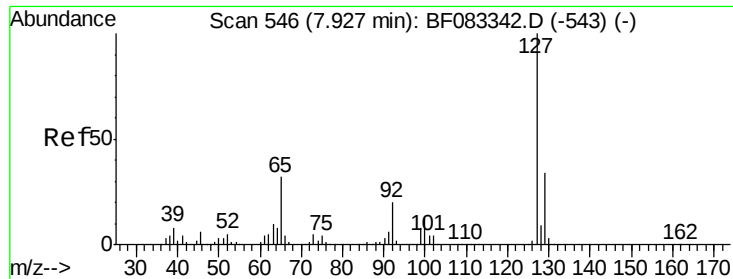


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

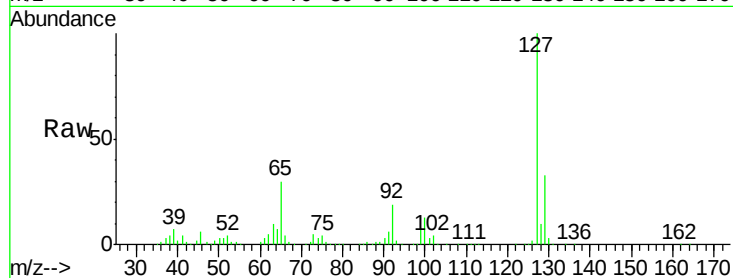




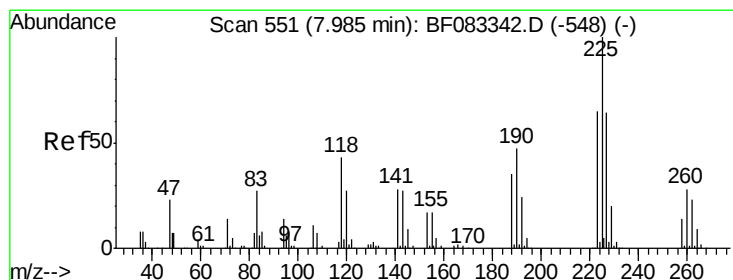
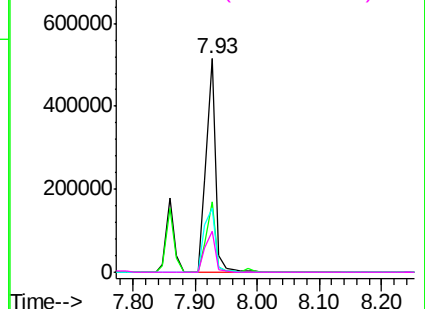
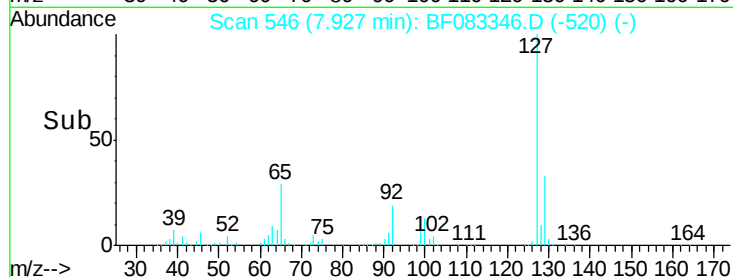
#33
4-Chloroaniline
Concen: 39.52 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:	127	Resp:	552797
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.4
65	30.0	25.9	38.9
92	19.2	15.8	23.8

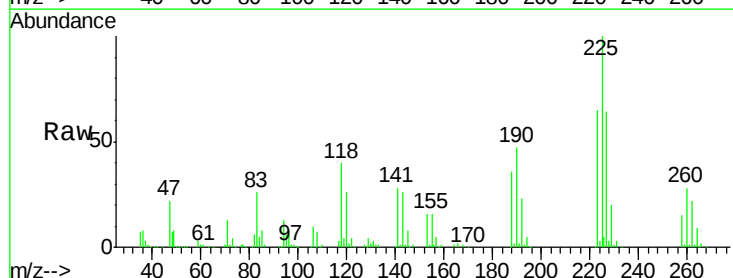


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

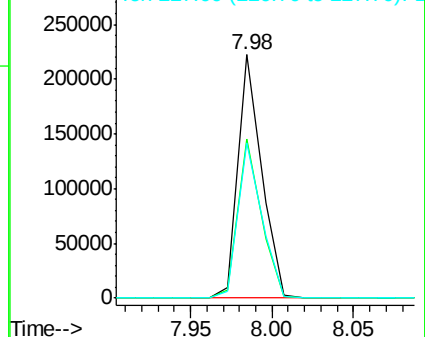
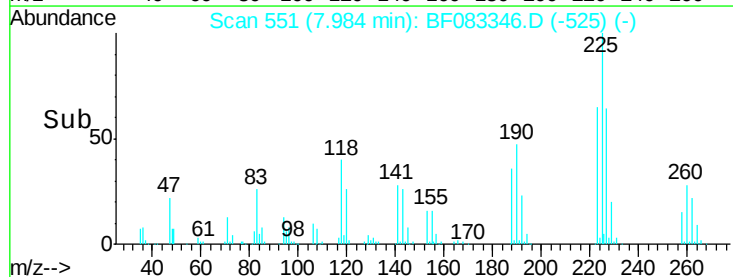


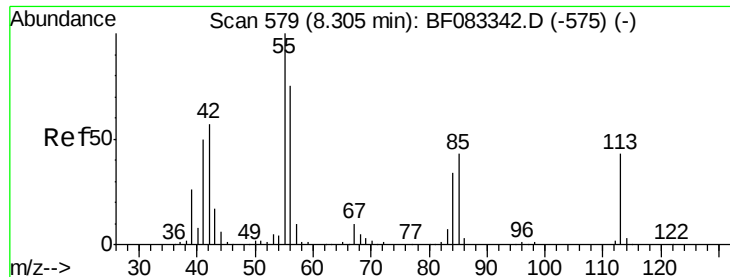
#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:	225	Resp:	221593
Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.0	78.0
227	63.7	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

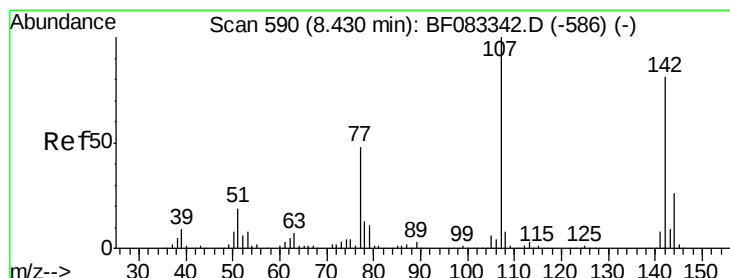
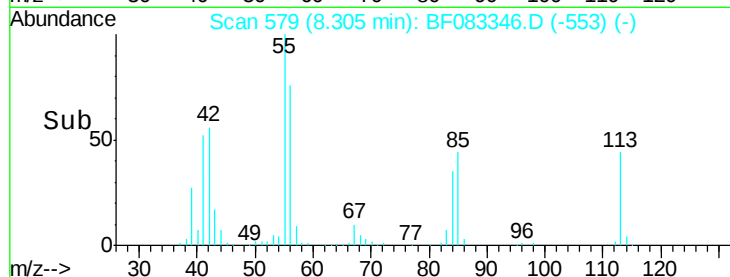
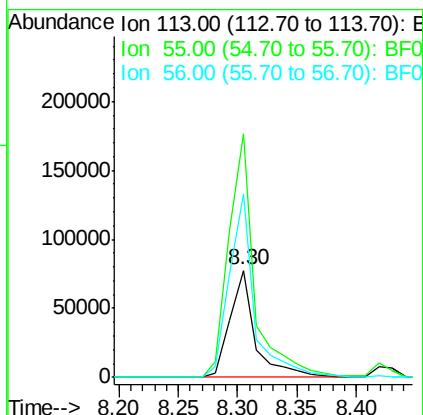
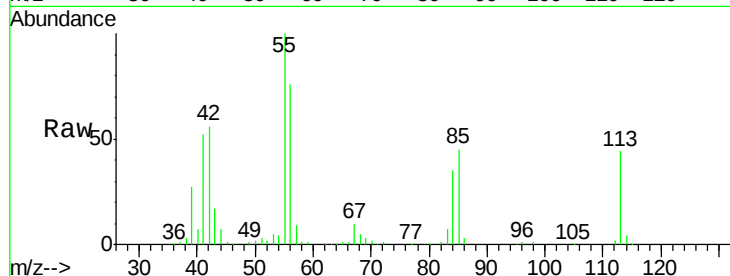




#35
 Caprolactam
 Concen: 37.93 ng
 RT: 8.30 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

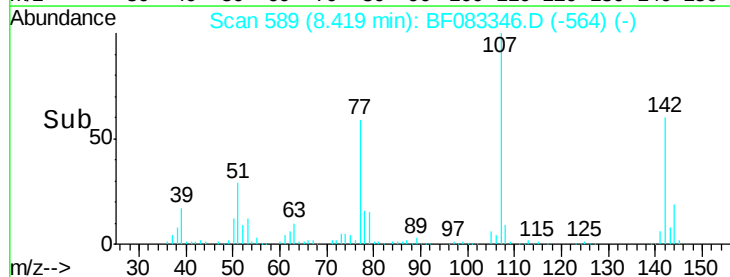
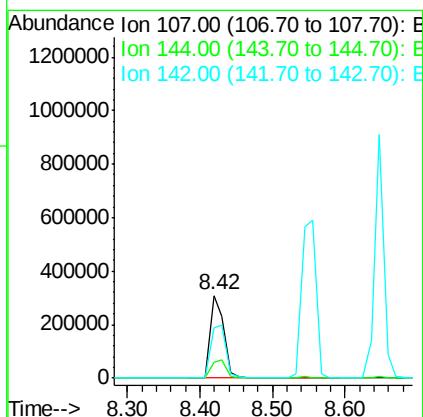
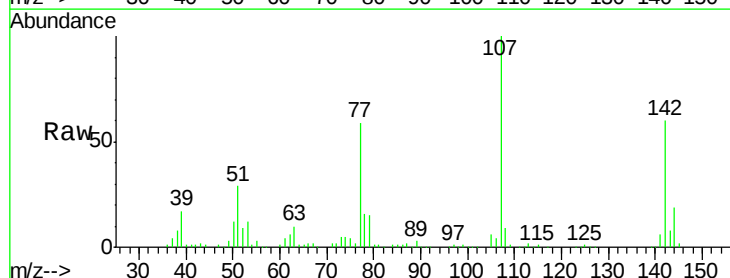
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

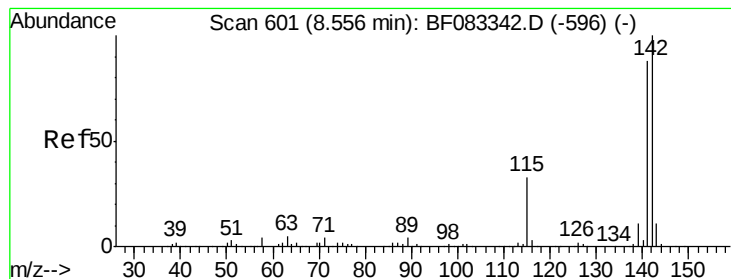
Tgt Ion:113 Resp: 114575
 Ion Ratio Lower Upper
 113 100
 55 228.3 211.6 251.6
 56 172.5 153.0 193.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.30 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:107 Resp: 400012
 Ion Ratio Lower Upper
 107 100
 144 18.9 21.1 31.7#
 142 60.4 65.1 97.7#





#37

2-Methylnaphthalene

Concen: 37.75 ng

RT: 8.56 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

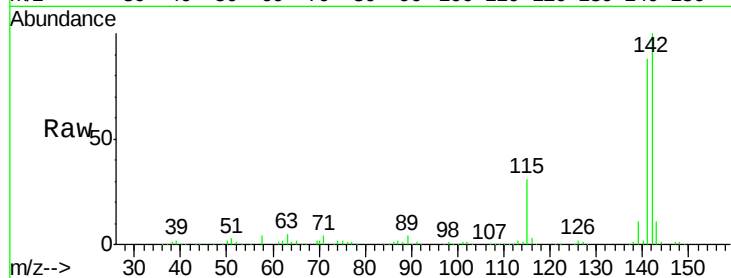
Tgt Ion:142 Resp: 818513

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8

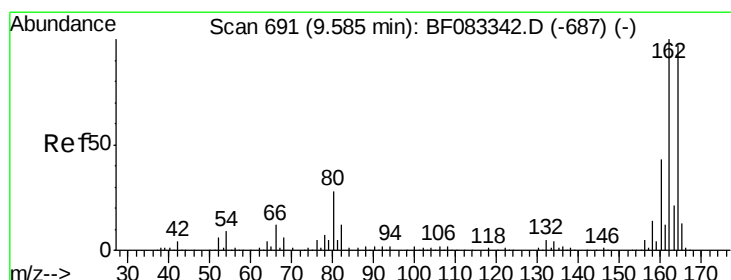
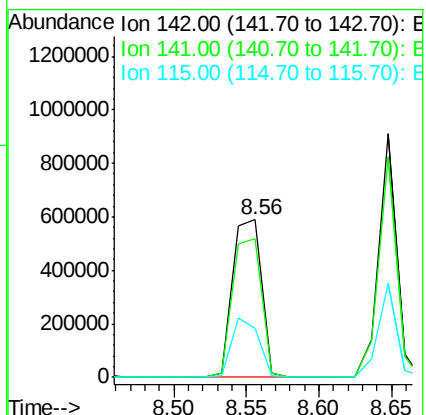
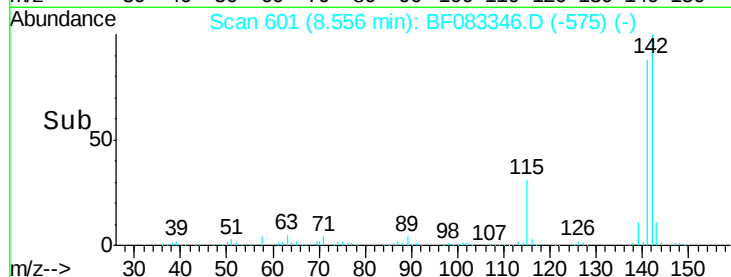
115 31.1 26.2 39.2



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: BF083346.D

Acq: 30 Nov 2015 21:08

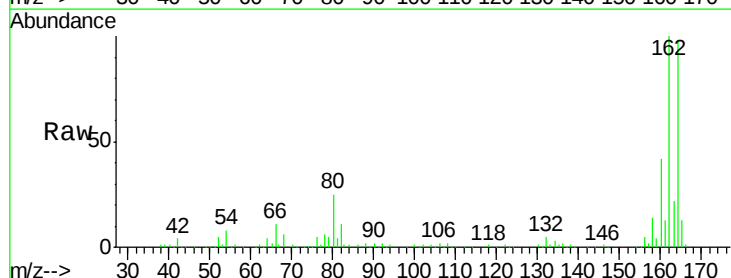
Tgt Ion:164 Resp: 312593

Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

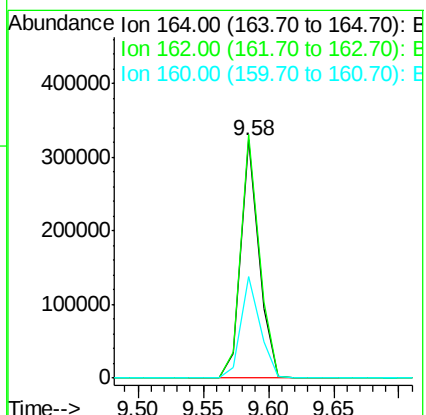
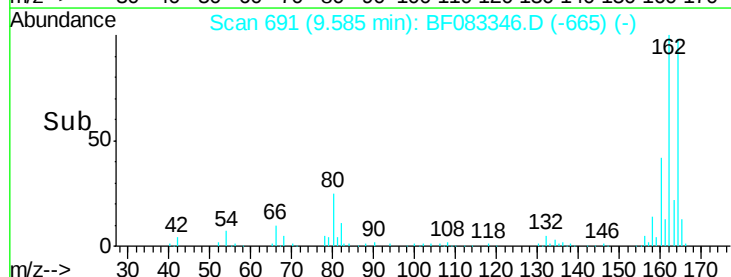
160 42.6 35.3 52.9

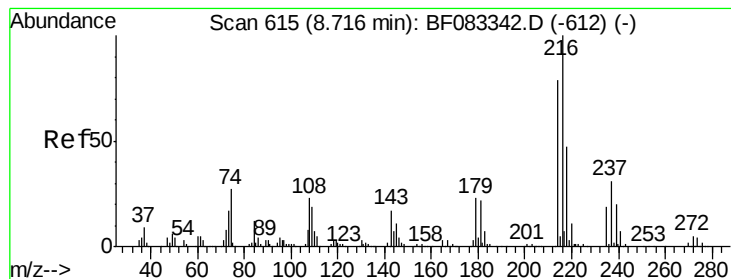


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.27 ng

RT: 8.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

Tgt Ion:216 Resp: 359360

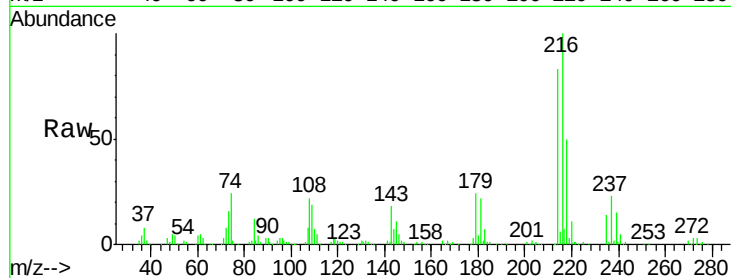
Ion Ratio Lower Upper

216 100

214 80.8 62.3 93.5

179 21.8 17.0 25.4

108 21.3 16.7 25.1

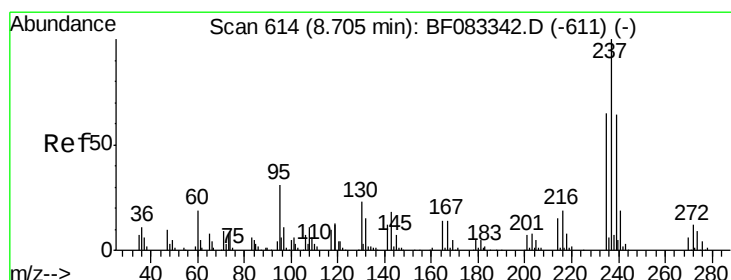
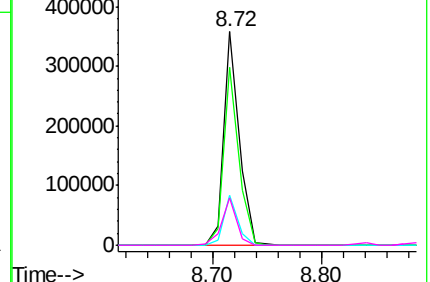
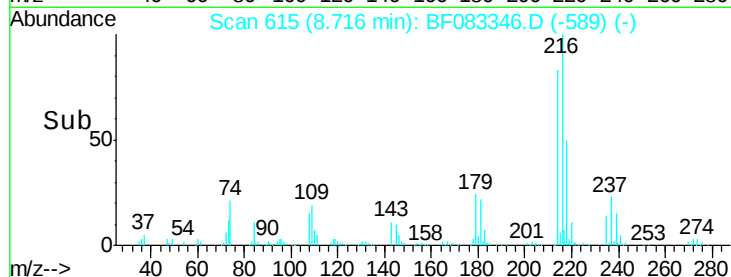


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.07 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

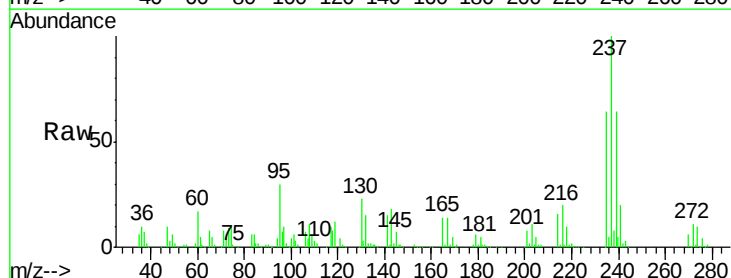
Tgt Ion:237 Resp: 179221

Ion Ratio Lower Upper

237 100

235 64.3 44.5 84.5

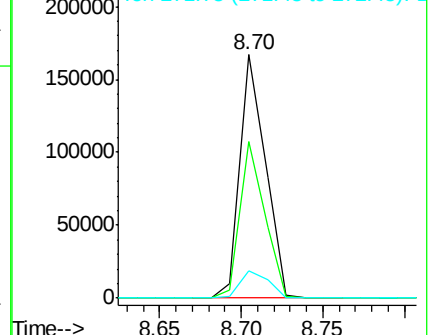
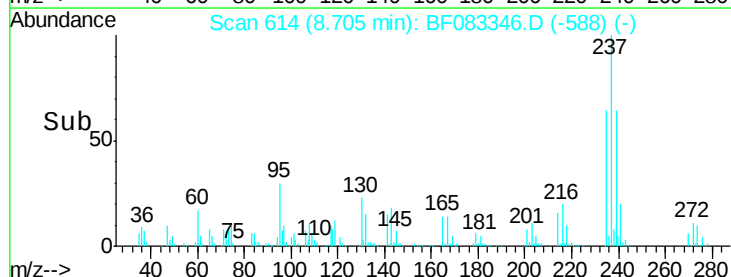
272 11.1 0.0 31.6

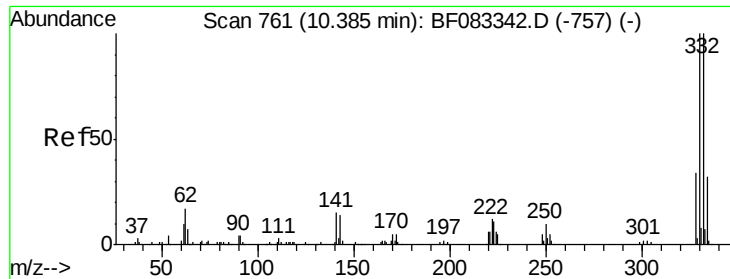


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

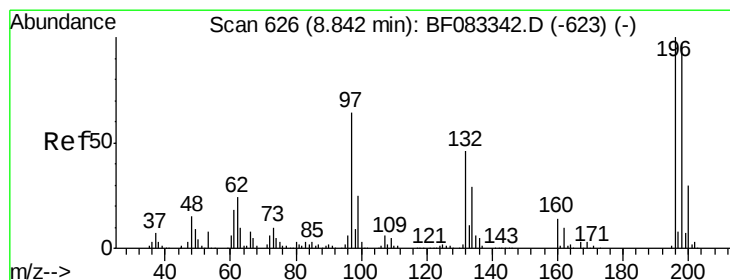
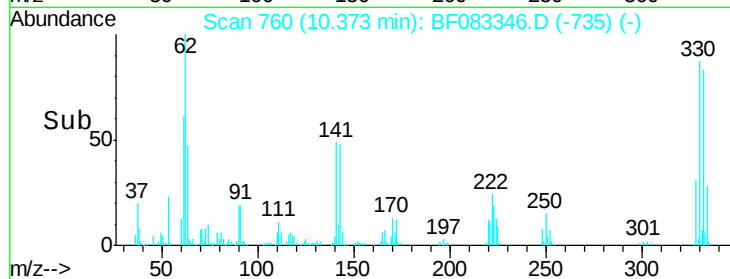
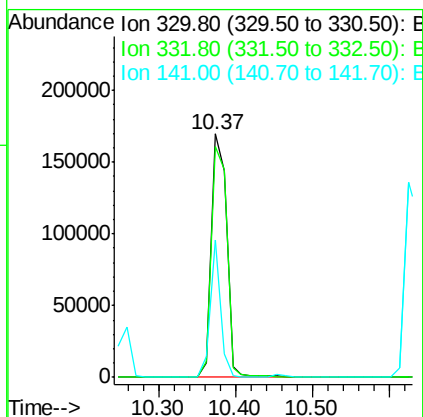
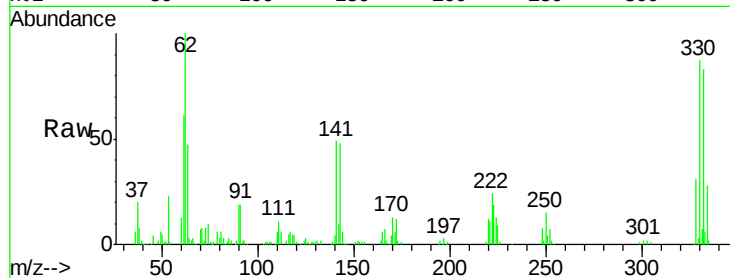




#41
 2,4,6-Tribromophenol
 Concen: 74.07 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

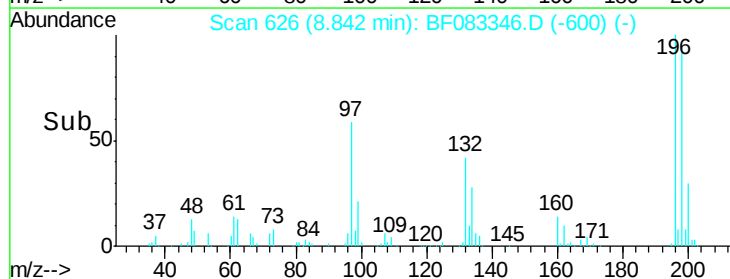
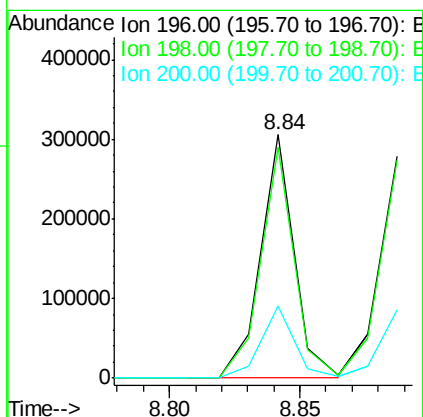
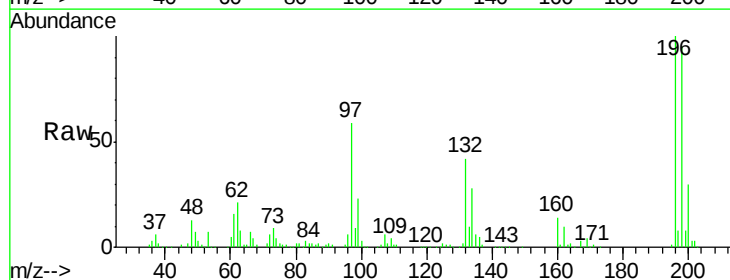
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

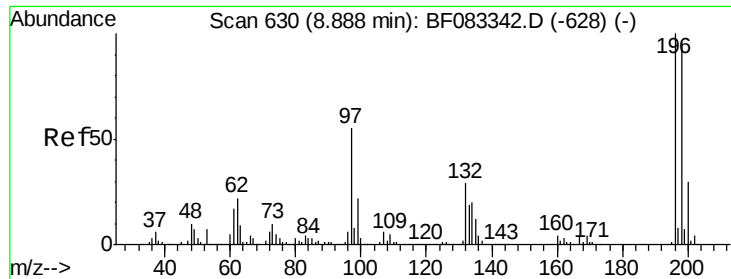
Tgt Ion:330 Resp: 232416
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.8 116.6
 141 38.3 29.4 44.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:196 Resp: 276805
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.2 115.8
 200 29.8 24.2 36.4

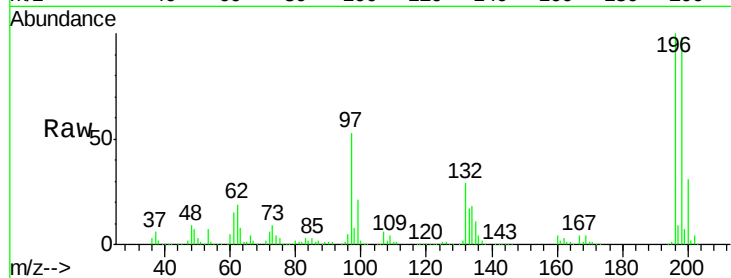




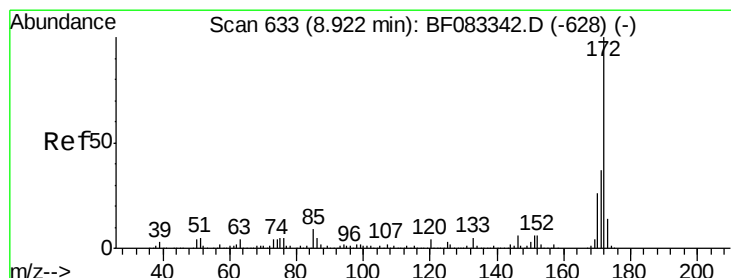
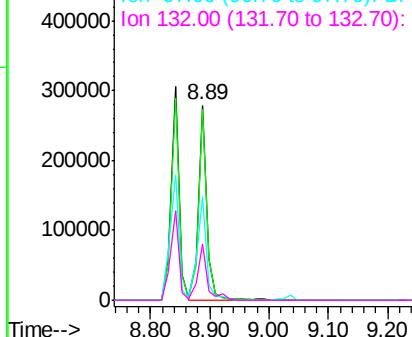
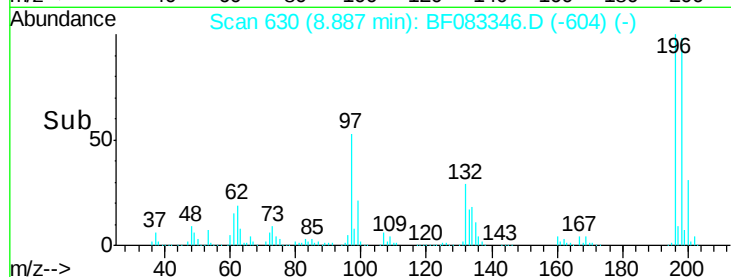
#43
 2,4,5-Trichlorophenol
 Concen: 39.87 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion:196 Resp: 287115
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.2 115.8
 97 53.5 44.4 66.6
 132 28.7 23.2 34.8

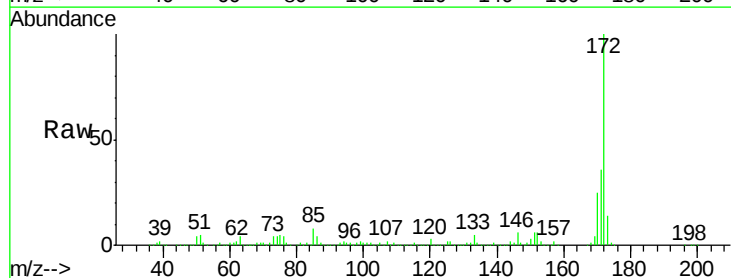


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

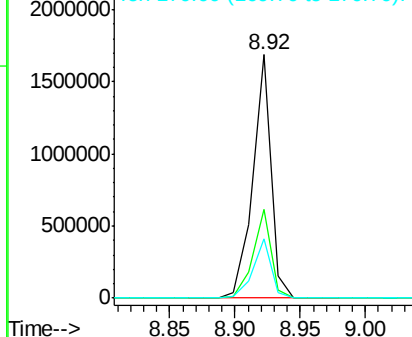
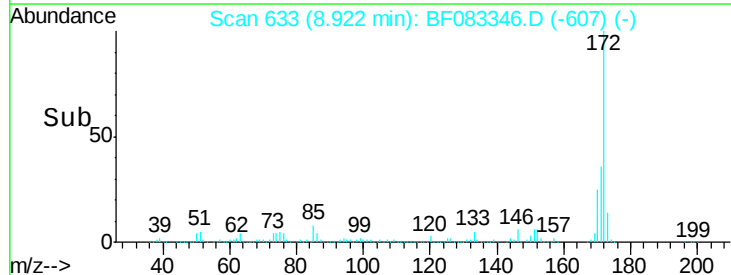


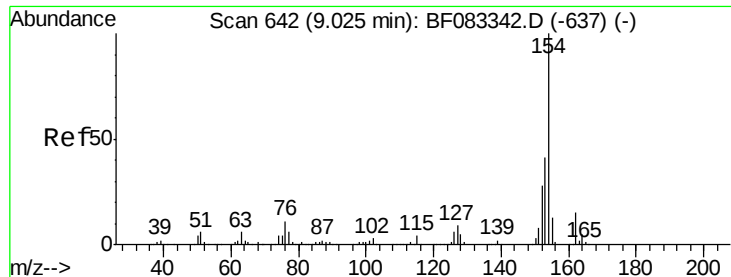
#44
 2-Fluorobiphenyl
 Concen: 75.28 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:172 Resp: 1651317
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.6 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

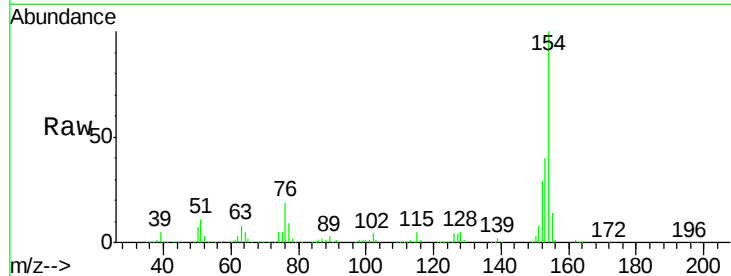




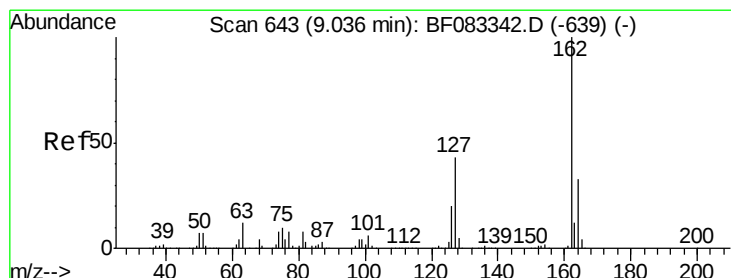
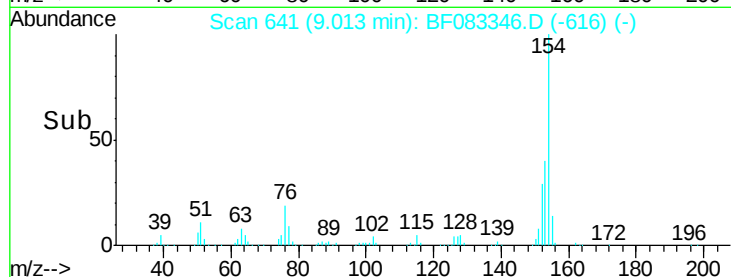
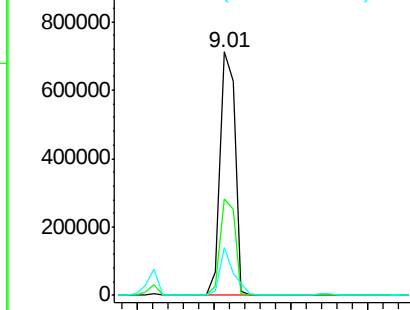
#45
 1,1'-Biphenyl
 Concen: 35.70 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion:154 Resp: 978520
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.6 60.6
 76 19.5 0.0 30.5

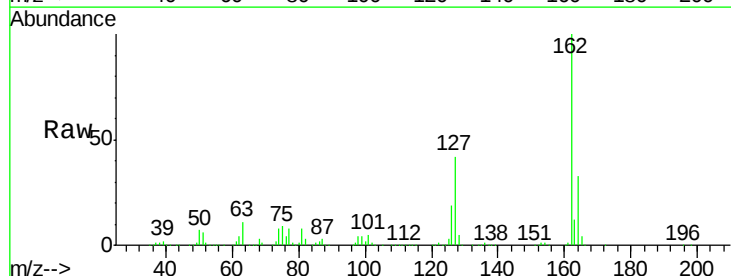


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

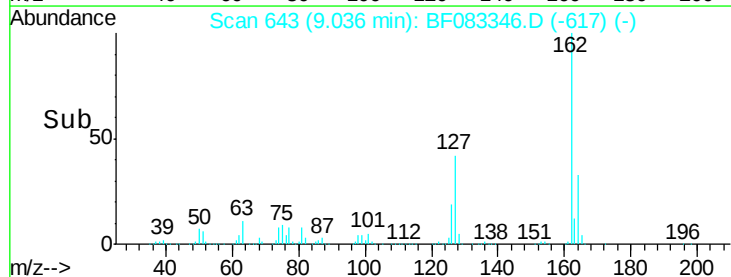
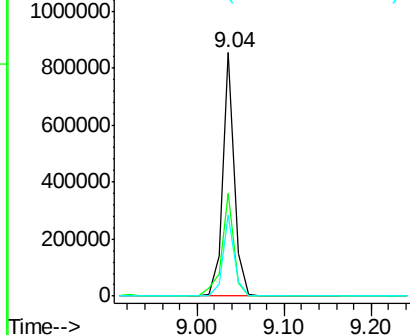


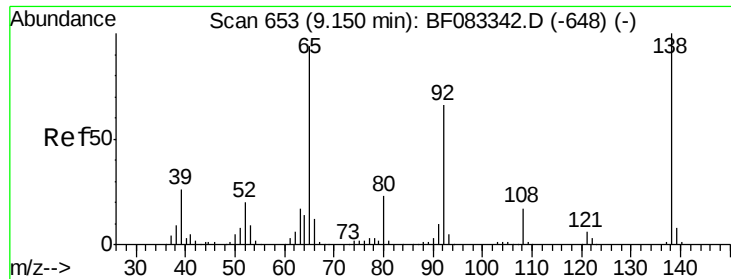
#46
 2-Chloronaphthalene
 Concen: 38.06 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:162 Resp: 795079
 Ion Ratio Lower Upper
 162 100
 127 42.1 34.1 51.1
 164 33.5 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

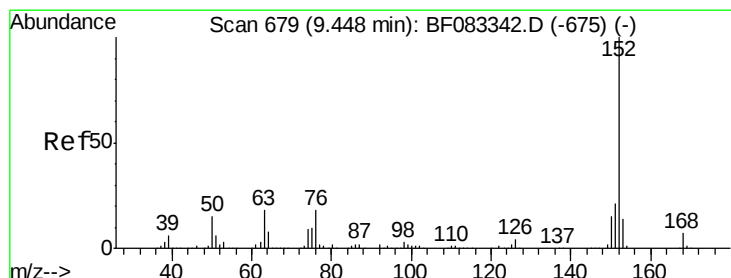
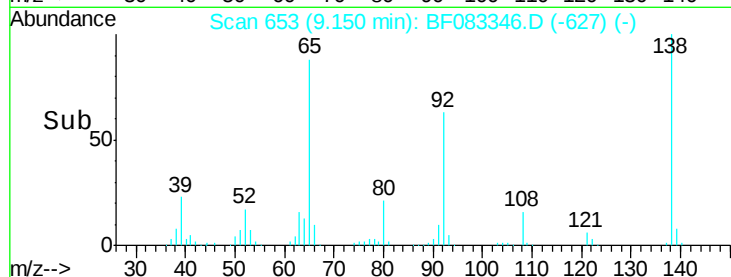
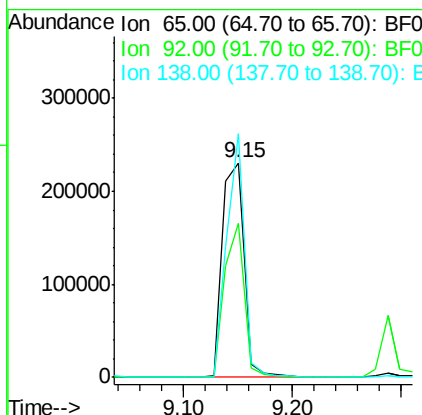
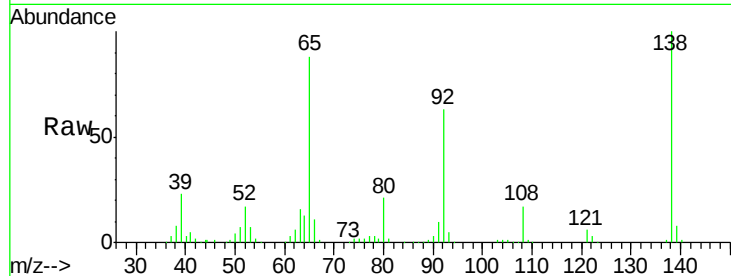




#47
 2-Nitroaniline
 Concen: 38.76 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

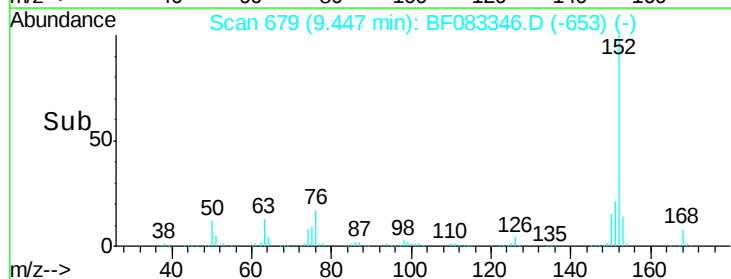
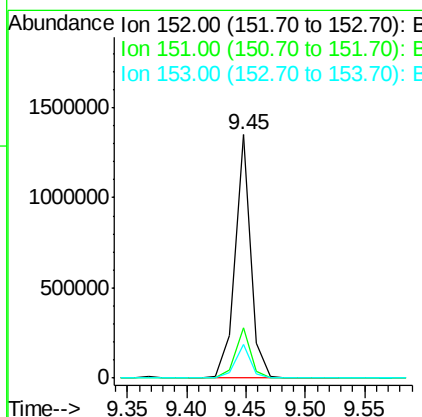
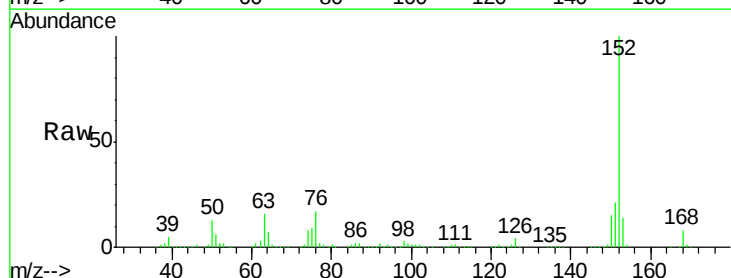
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

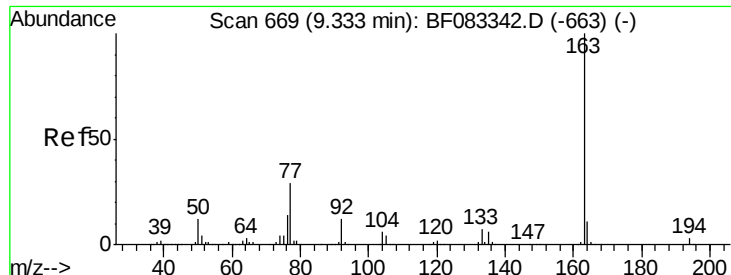
Tgt Ion: 65 Resp: 320685
 Ion Ratio Lower Upper
 65 100
 92 71.7 56.2 84.4
 138 113.5 85.4 128.0



#48
 Acenaphthylene
 Concen: 37.08 ng
 RT: 9.45 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion: 152 Resp: 1235378
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.7 25.1
 153 13.8 11.2 16.8





#49

Dimethylphthalate

Concen: 35.85 ng

RT: 9.33 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

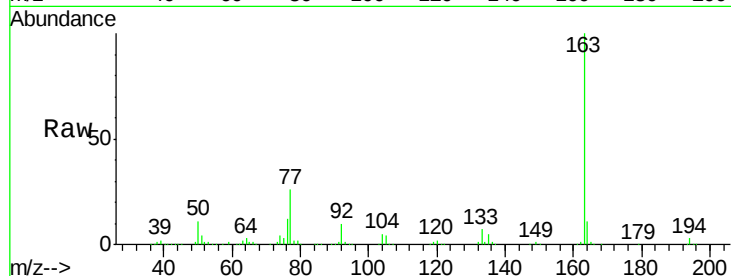
Tgt Ion:163 Resp: 910647

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

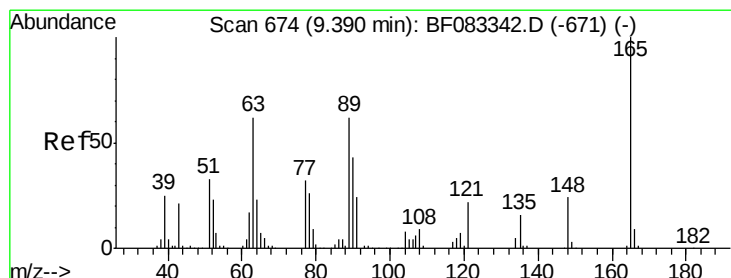
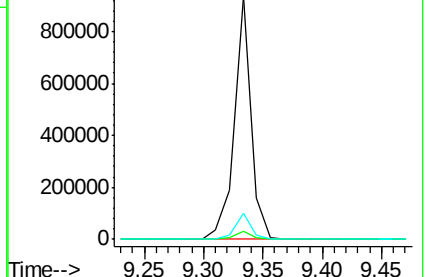
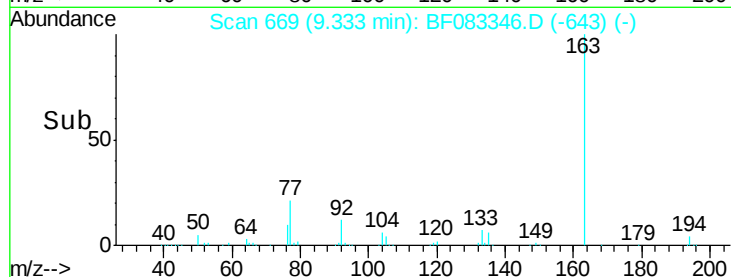
164 10.6 8.8 13.2



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: 41.13 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

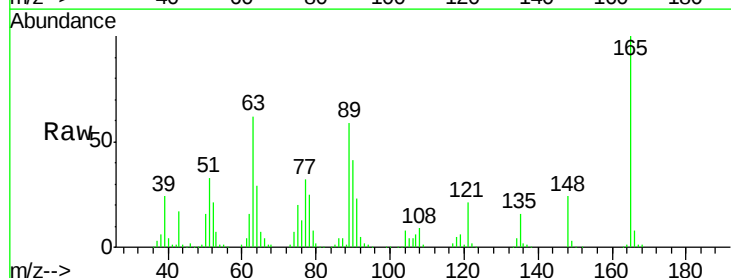
Tgt Ion:165 Resp: 223106

Ion Ratio Lower Upper

165 100

63 62.0 56.0 84.0

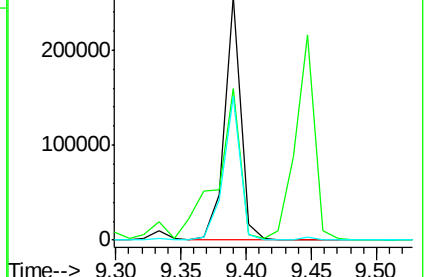
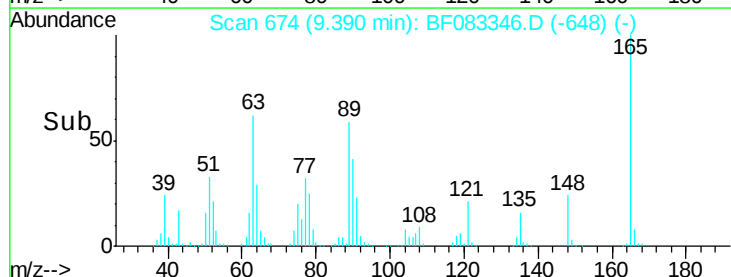
89 59.2 49.8 74.8

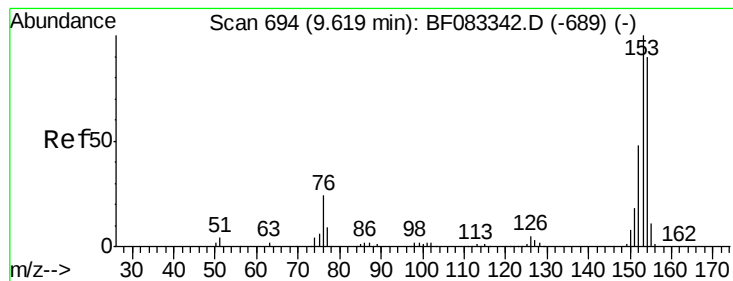


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.22 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

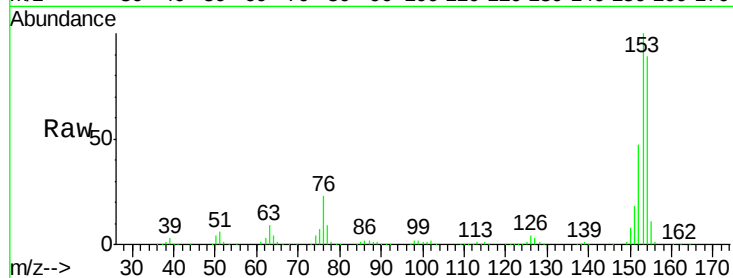
Tgt Ion:154 Resp: 729454

Ion Ratio Lower Upper

154 100

153 112.8 89.3 133.9

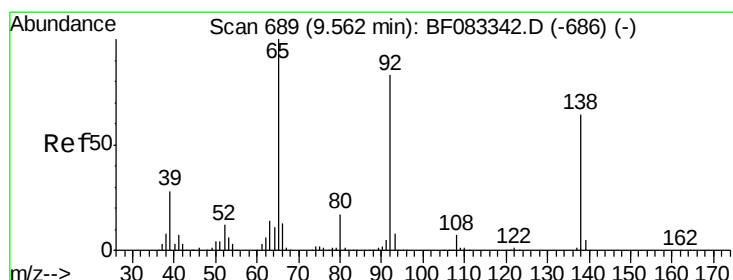
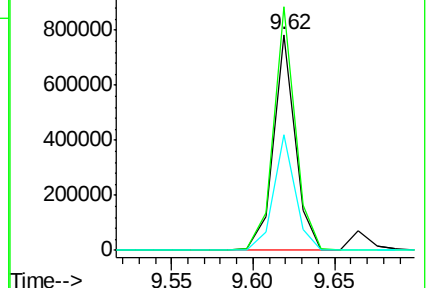
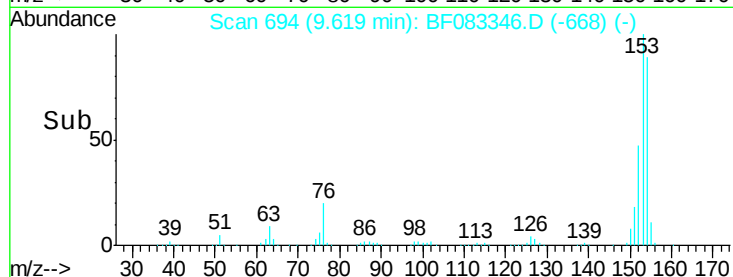
152 53.4 42.5 63.7



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: 42.07 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

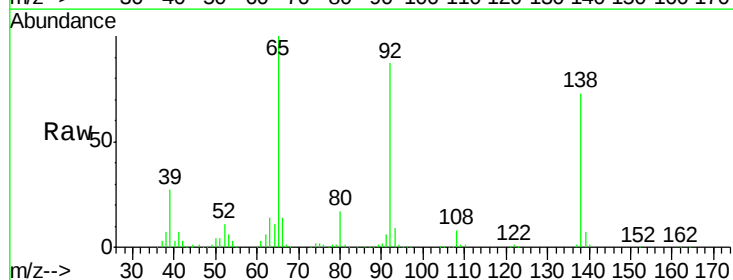
Tgt Ion:138 Resp: 267521

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

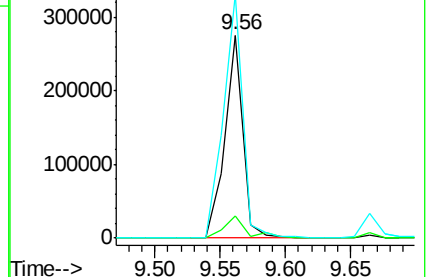
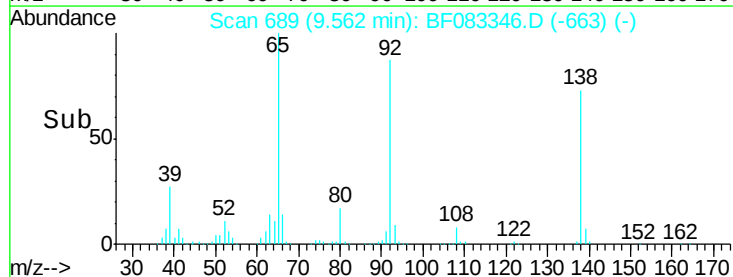
92 119.8 104.2 156.4

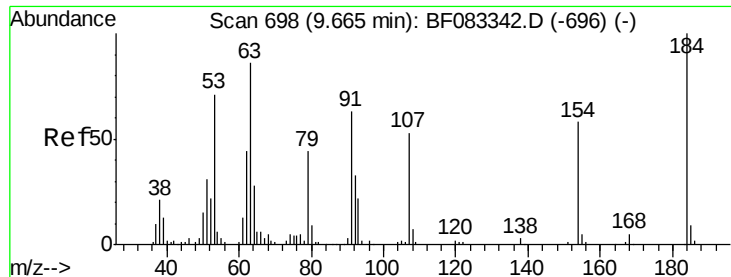


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

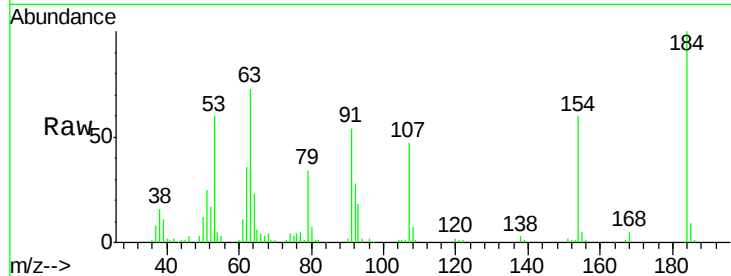




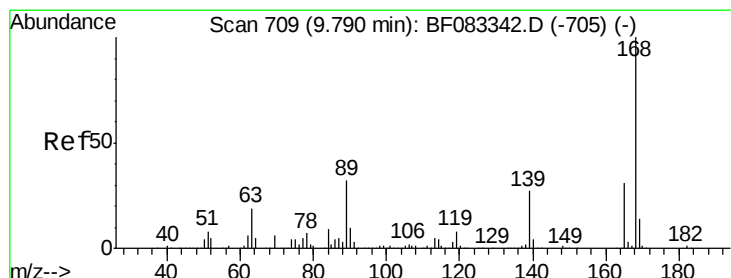
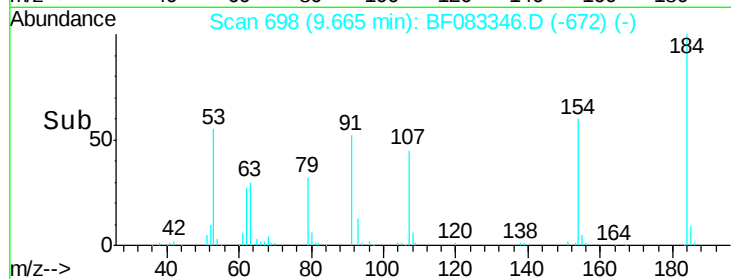
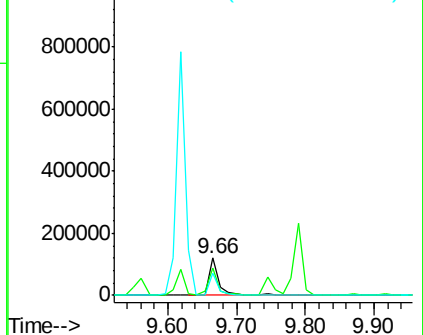
#53
2,4-Dinitrophenol
Concen: 40.92 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:184 Resp: 121062
Ion Ratio Lower Upper
184 100
63 72.7 69.0 103.6
154 59.8 50.0 75.0

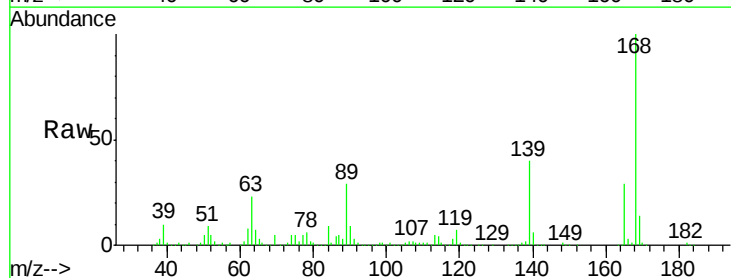


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

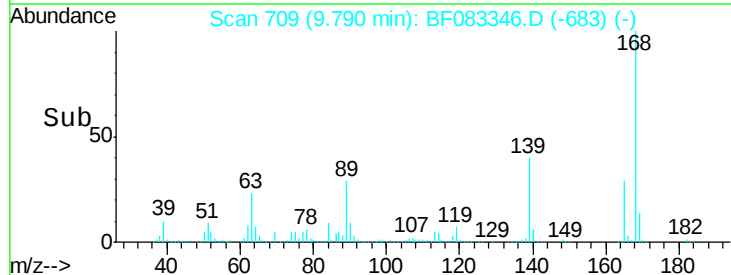
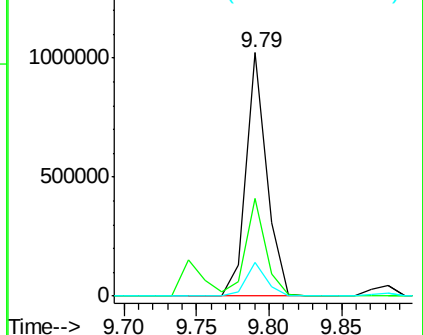


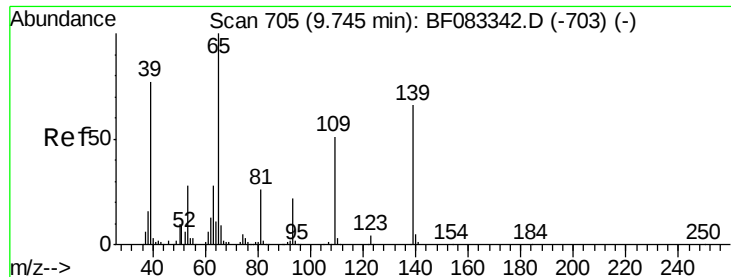
#54
Dibenzofuran
Concen: 35.18 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:168 Resp: 1010488
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 14.1 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

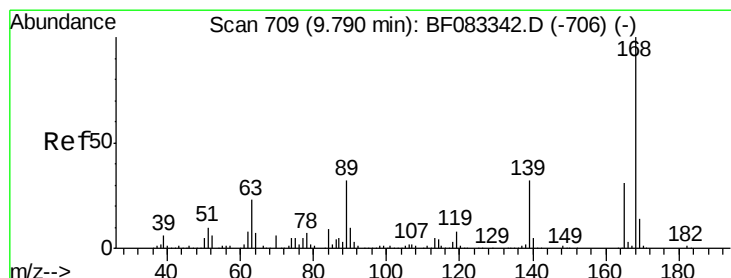
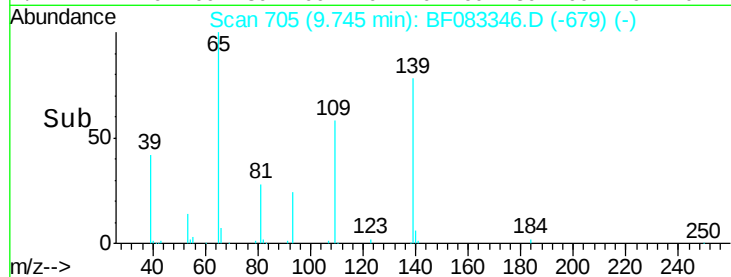
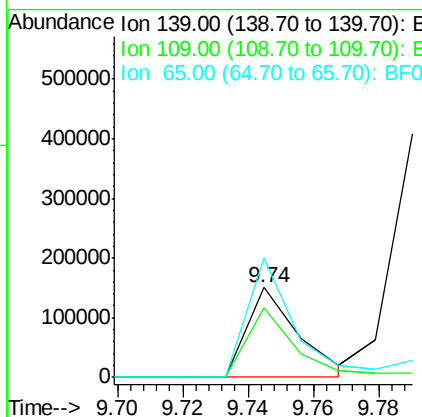
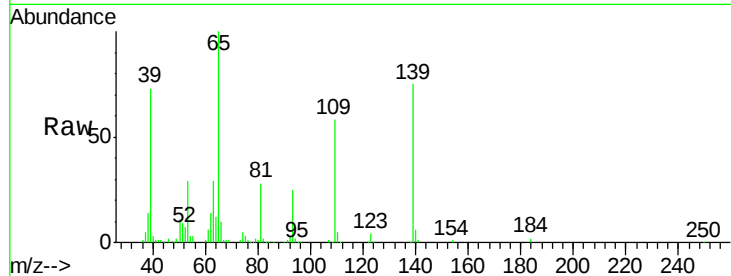




#55
4-Nitrophenol
Concen: 40.51 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

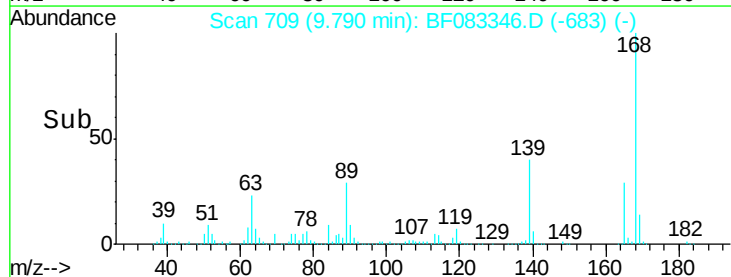
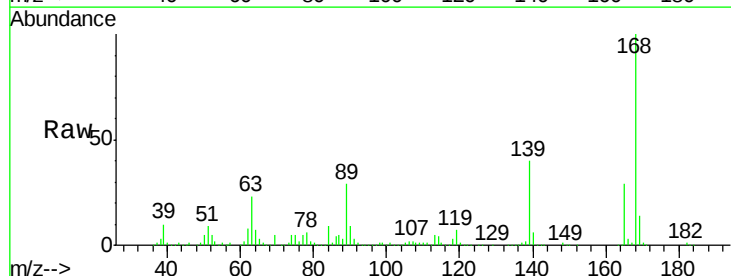
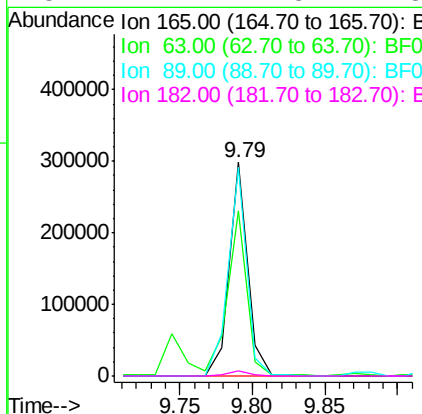
Instrument :
BNA_F
ClientSampleId :
ICVBF113015

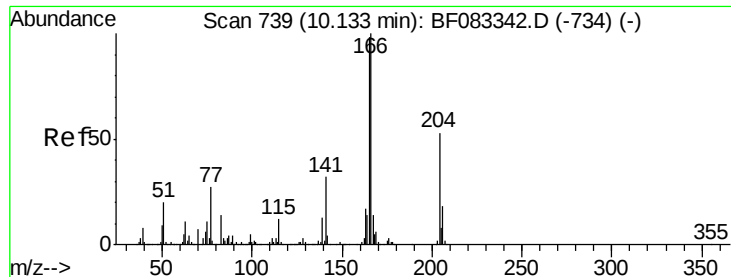
Tgt Ion:139 Resp: 161124
Ion Ratio Lower Upper
139 100
109 76.9 57.4 97.4
65 133.3 131.6 171.6



#56
2,4-Dinitrotoluene
Concen: 38.40 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:165 Resp: 264340
Ion Ratio Lower Upper
165 100
63 77.6 65.4 98.0
89 97.8 81.2 121.8
182 2.2 1.8 2.8

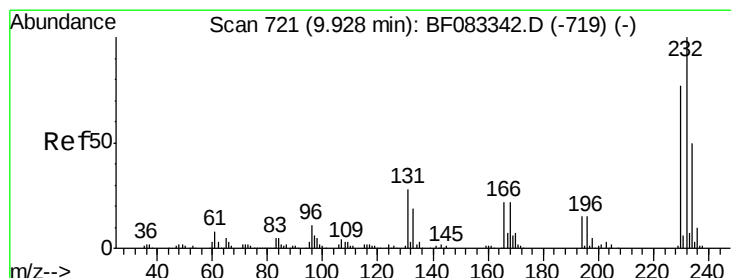
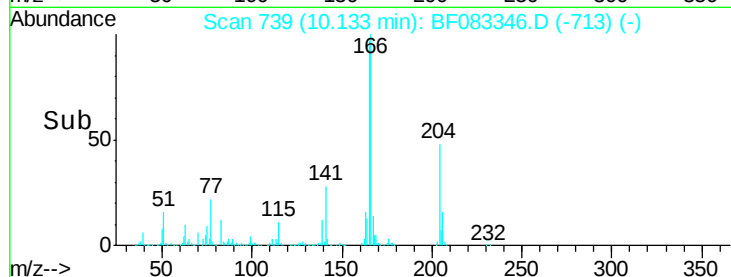
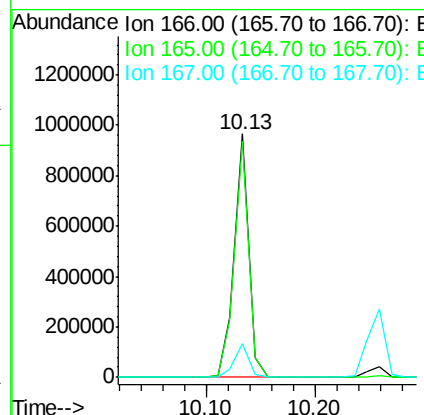
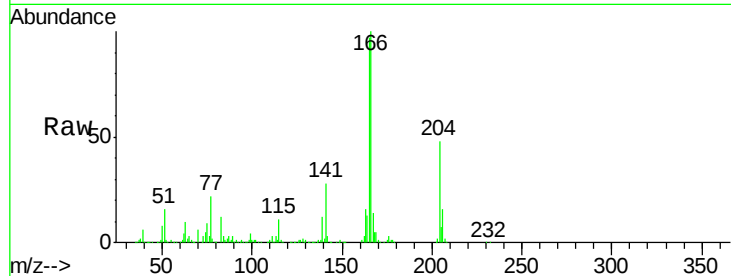




#57
 Fluorene
 Concen: 39.19 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

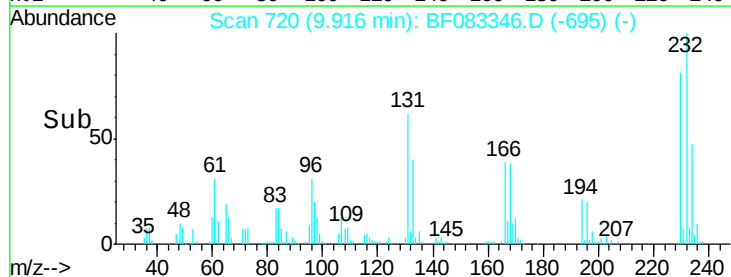
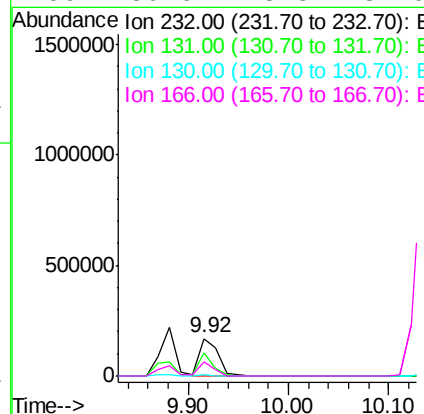
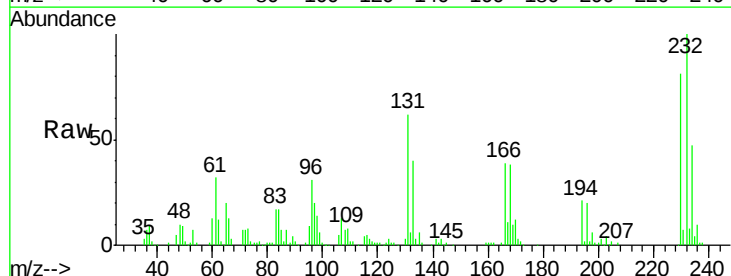
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

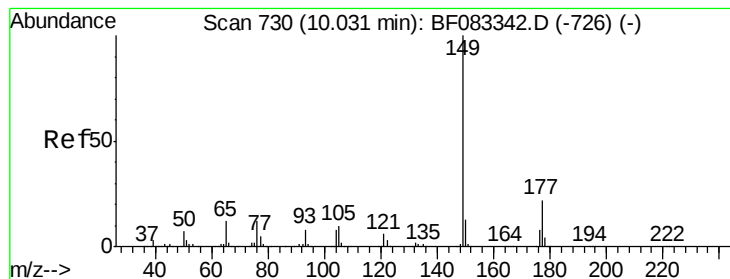
Tgt Ion:166 Resp: 888858
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.3 117.5
 167 13.9 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.27 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:232 Resp: 216569
 Ion Ratio Lower Upper
 232 100
 131 48.8 35.4 53.2
 130 2.1 1.7 2.5
 166 30.6 23.3 34.9





#59

Diethylphthalate

Concen: 38.78 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

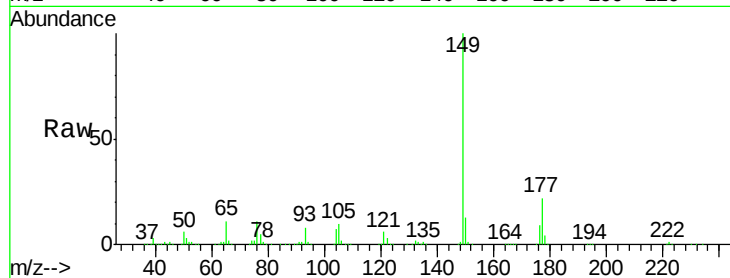
Tgt Ion:149 Resp: 938949

Ion Ratio Lower Upper

149 100

177 22.3 17.4 26.2

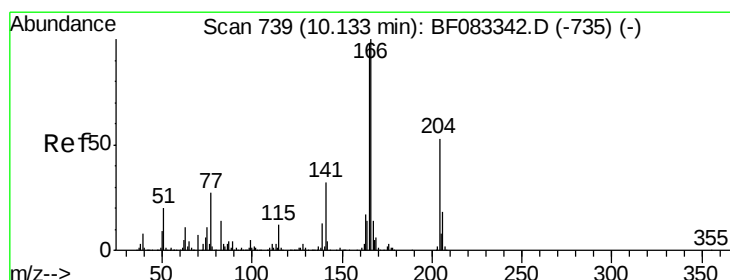
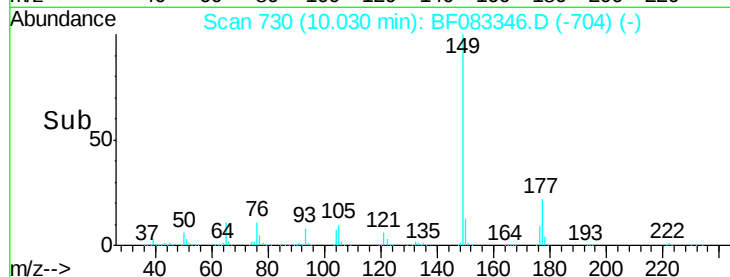
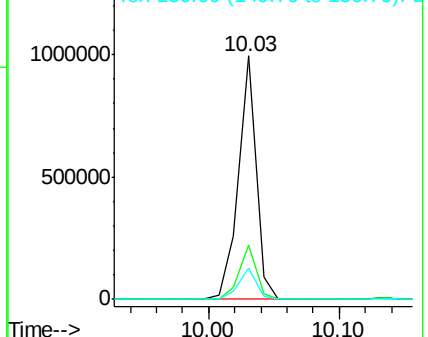
150 12.9 10.4 15.6



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: 38.82 ng

RT: 10.13 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

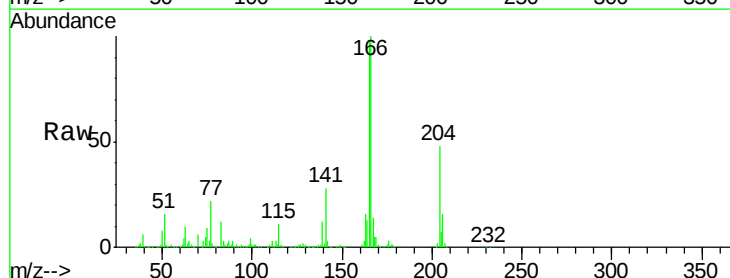
Tgt Ion:204 Resp: 404532

Ion Ratio Lower Upper

204 100

206 34.2 27.5 41.3

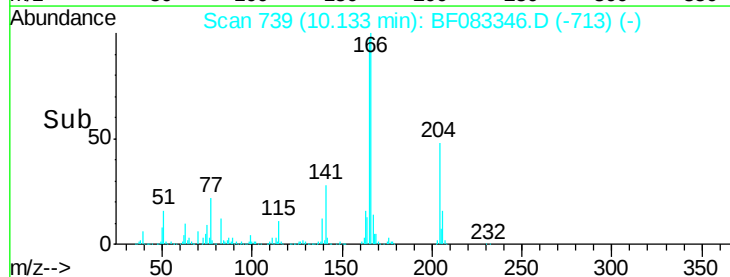
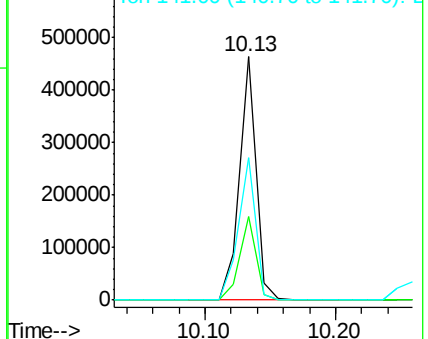
141 58.6 48.1 72.1

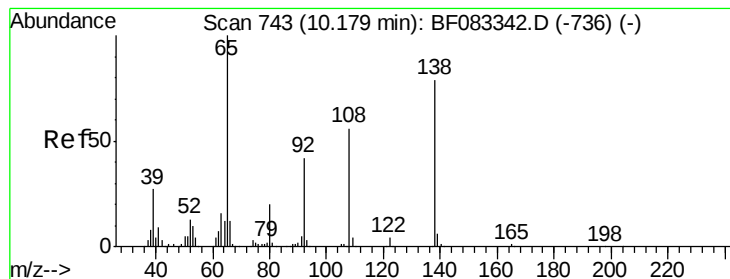


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.30 ng

RT: 10.18 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

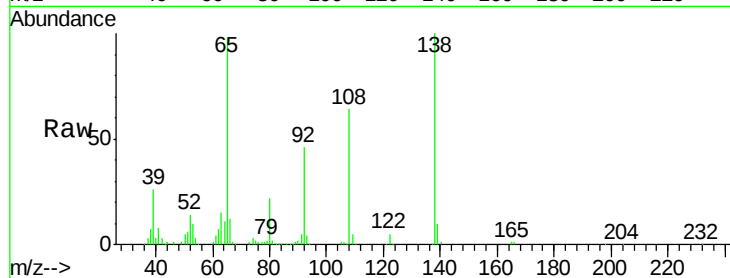
Tgt Ion:138 Resp: 256393

Ion Ratio Lower Upper

138 100

92 46.0 33.6 73.6

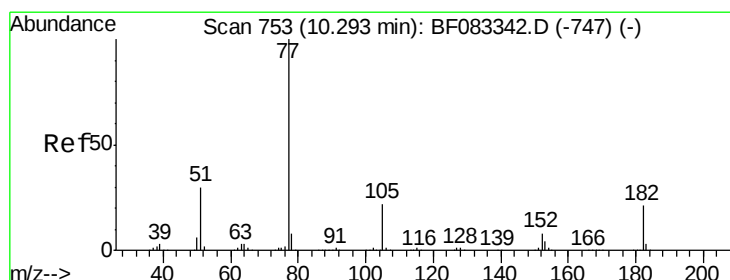
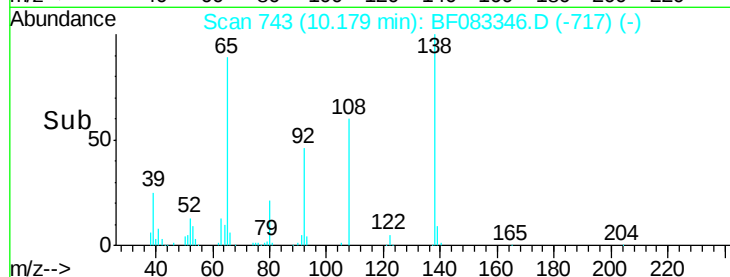
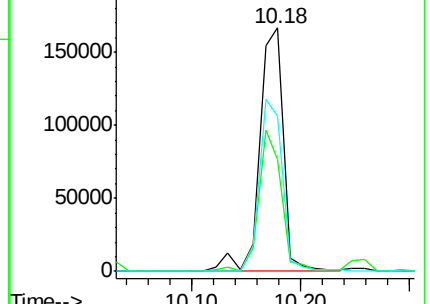
108 63.8 51.0 91.0



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: 39.58 ng

RT: 10.29 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Tgt Ion: 77 Resp: 1157917

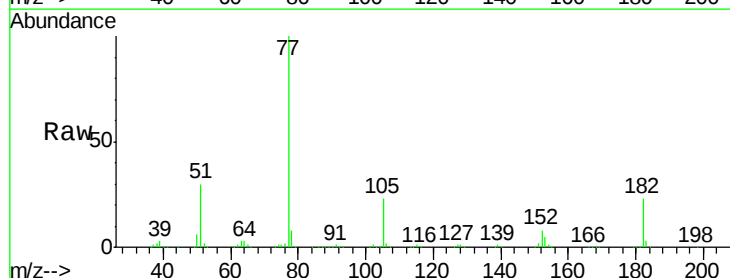
Ion Ratio Lower Upper

77 100

182 23.1 0.8 40.8

105 23.0 2.3 42.3

51 29.9 10.6 50.6

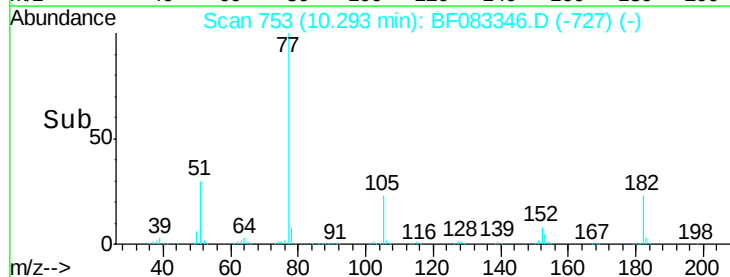
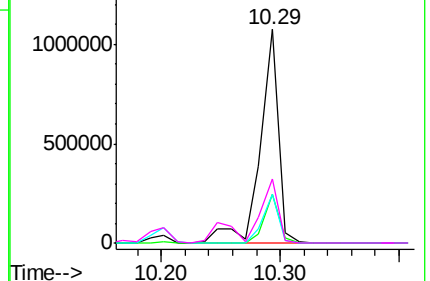


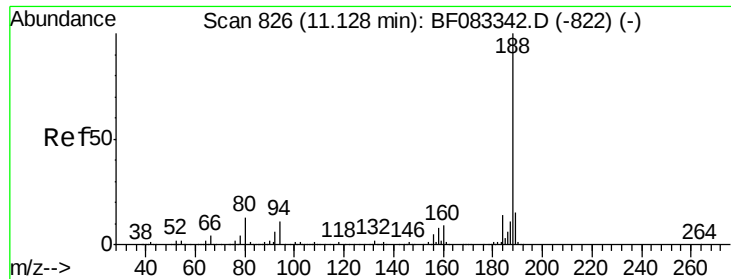
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

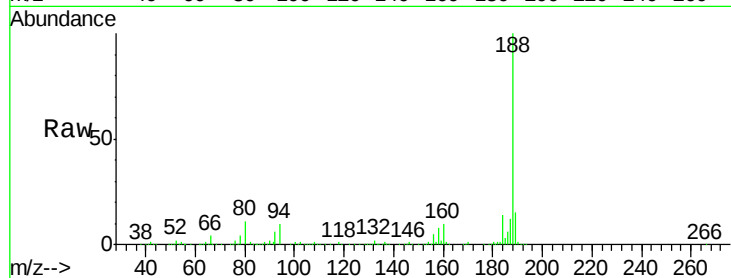




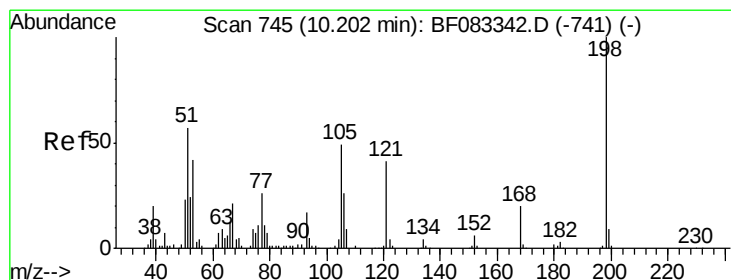
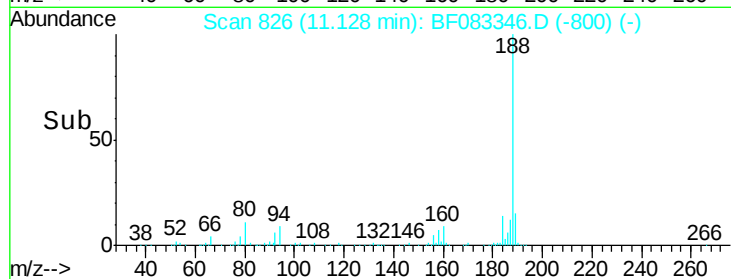
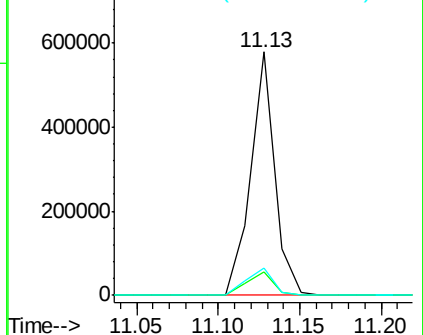
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:188 Resp: 593266
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 11.4 10.3 15.5

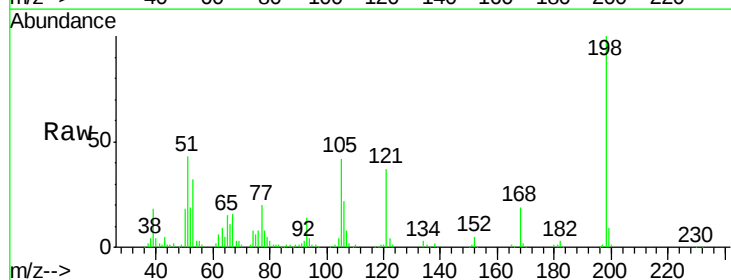


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

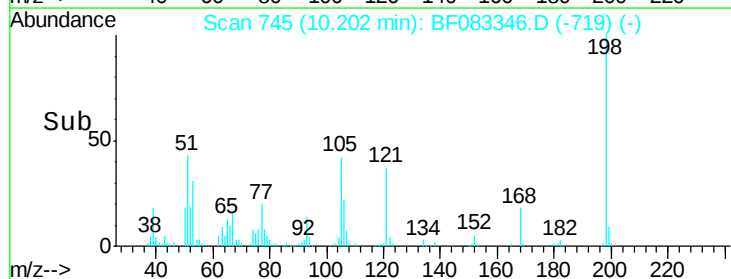
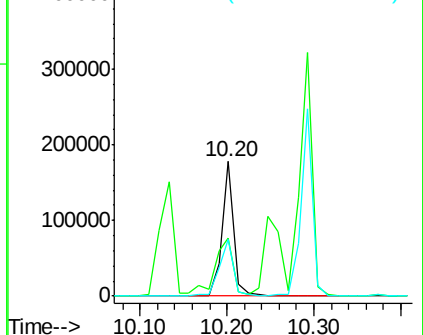


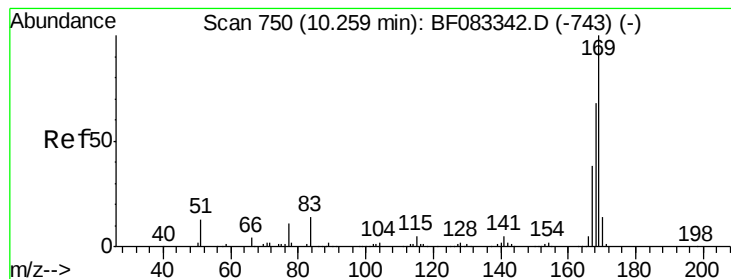
#64
4,6-Dinitro-2-methylphenol
Concen: 42.83 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:198 Resp: 170613
Ion Ratio Lower Upper
198 100
51 43.2 38.3 78.3
105 42.4 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: 39.16 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

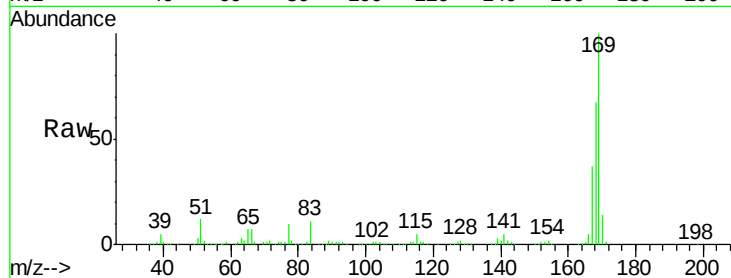
Tgt Ion:169 Resp: 816363

Ion Ratio Lower Upper

169 100

168 67.4 54.8 82.2

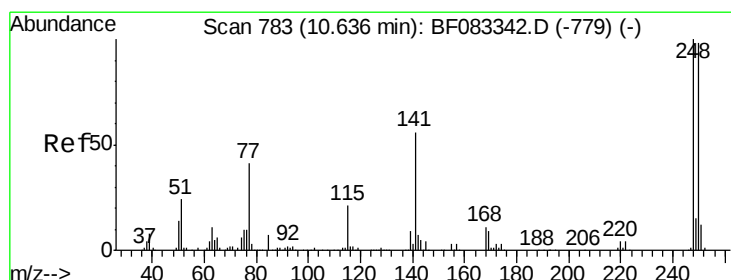
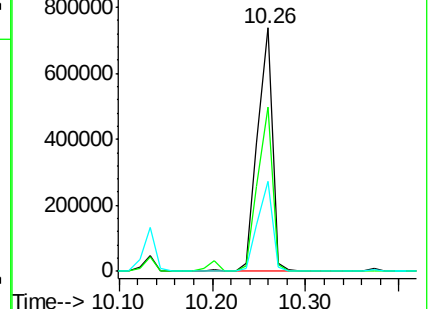
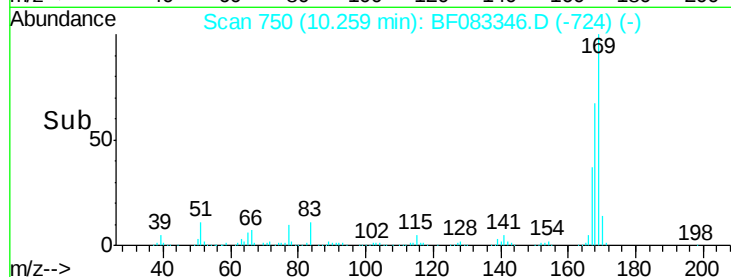
167 37.0 30.2 45.2



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: 38.66 ng

RT: 10.64 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

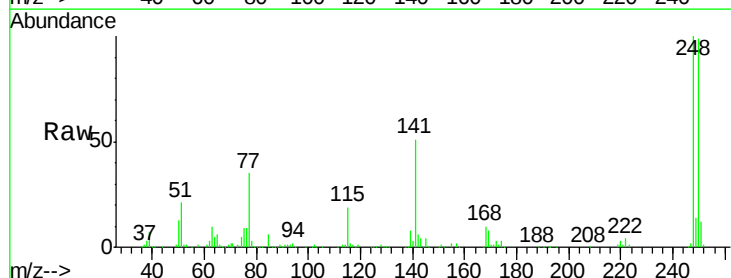
Tgt Ion:248 Resp: 250876

Ion Ratio Lower Upper

248 100

250 98.6 78.6 118.0

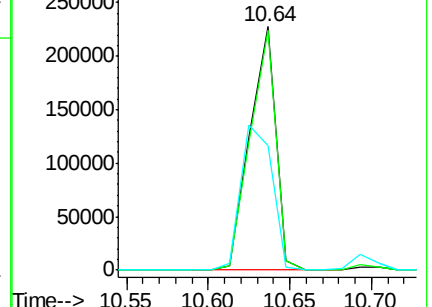
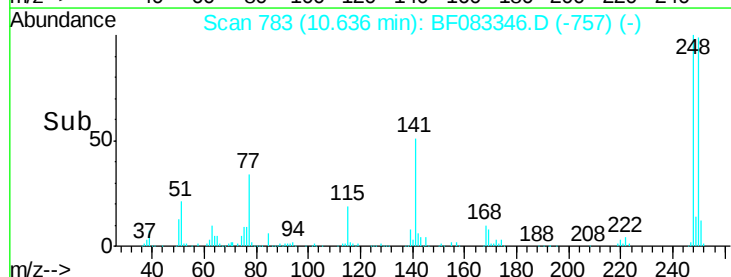
141 51.2 44.4 66.6

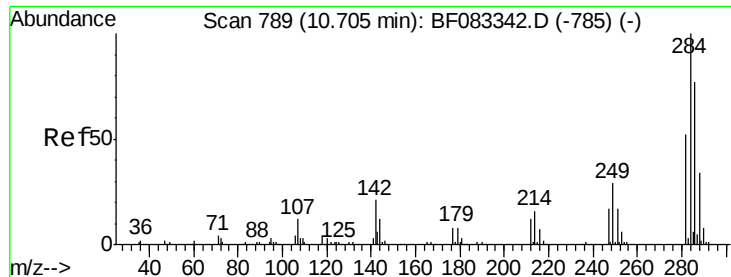


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

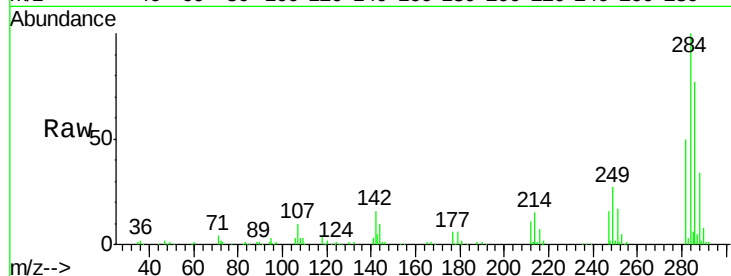




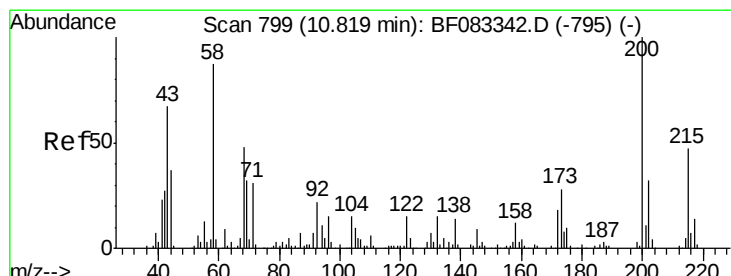
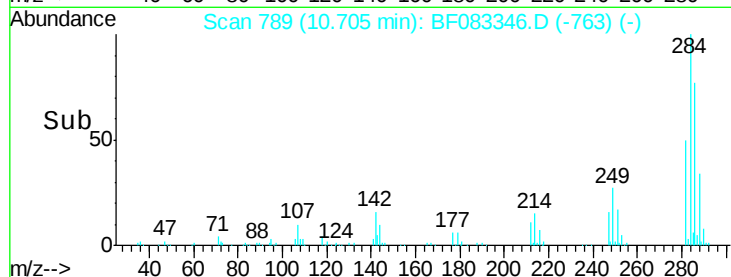
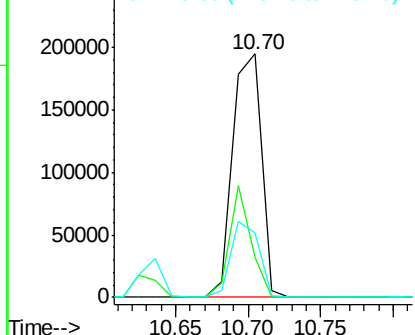
#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Instrument :
BNA_F
ClientSampleId :
ICVBF113015

Tgt Ion:284 Resp: 269312
Ion Ratio Lower Upper
284 100
142 16.2 16.6 24.8#
249 26.7 23.0 34.4

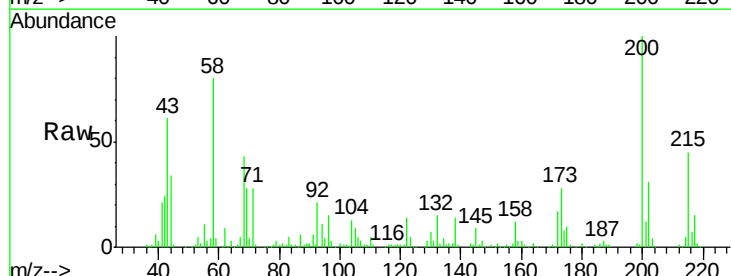


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

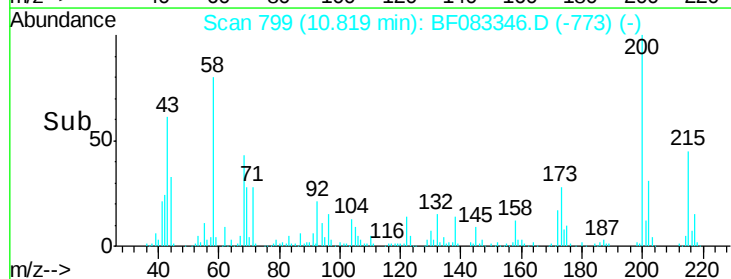
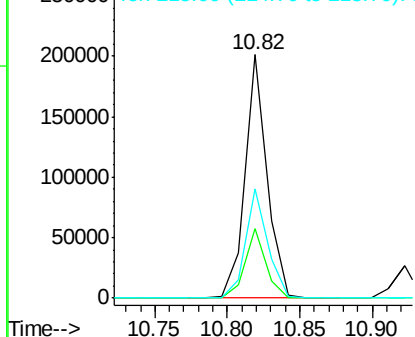


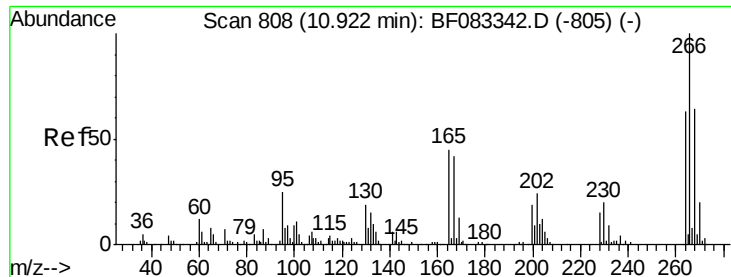
#68
Atrazine
Concen: 36.43 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:200 Resp: 210063
Ion Ratio Lower Upper
200 100
173 28.4 8.3 48.3
215 44.8 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

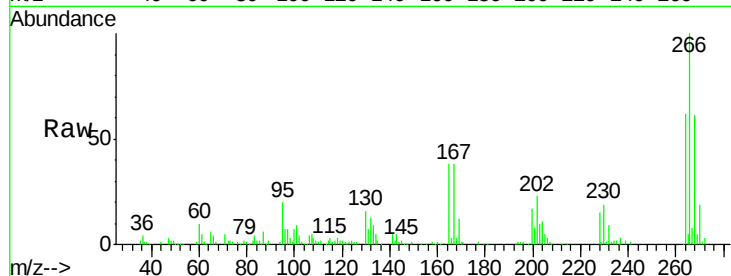




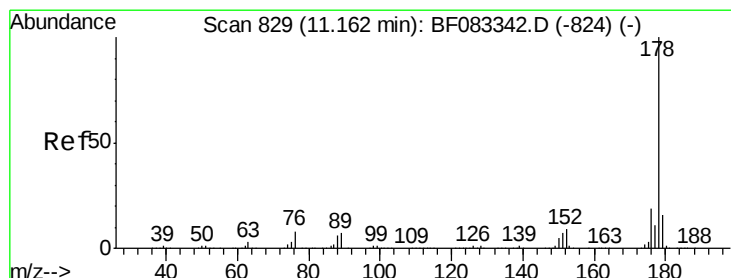
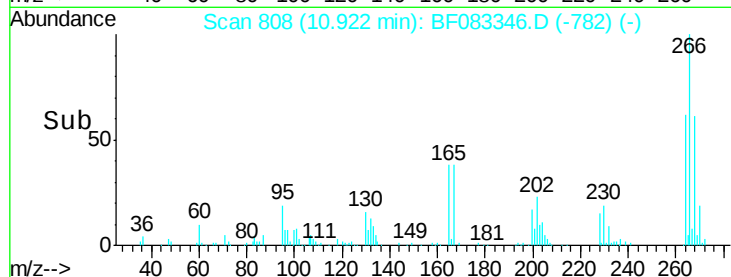
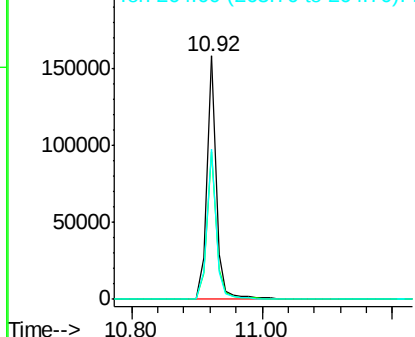
#69
 Pentachlorophenol
 Concen: 42.53 ng
 RT: 10.92 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

Tgt Ion:266 Resp: 159872
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.5 77.3
 264 61.8 50.4 75.6

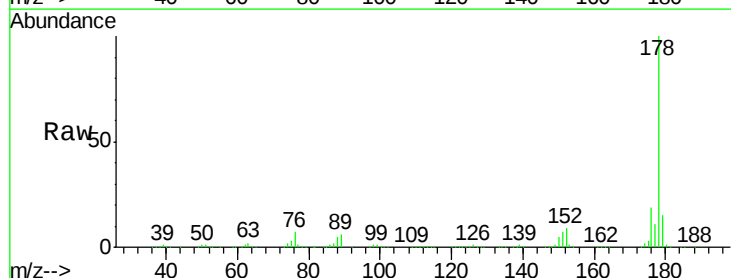


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

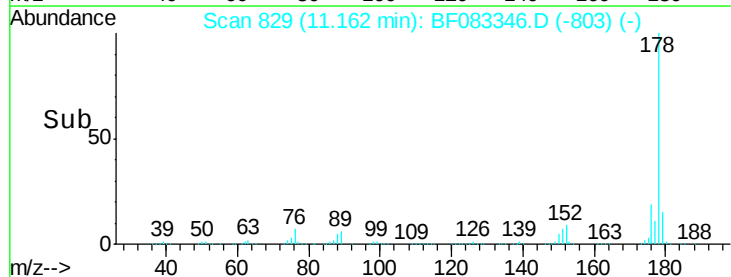
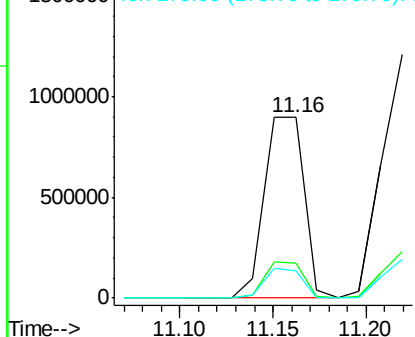


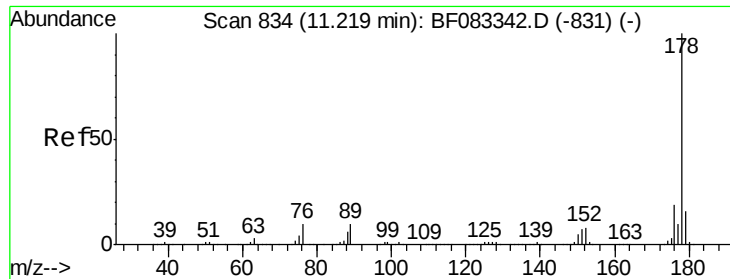
#70
 Phenanthrene
 Concen: 37.83 ng
 RT: 11.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:178 Resp: 1328034
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.2 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

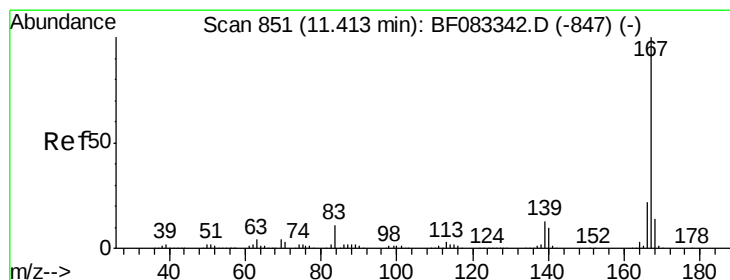
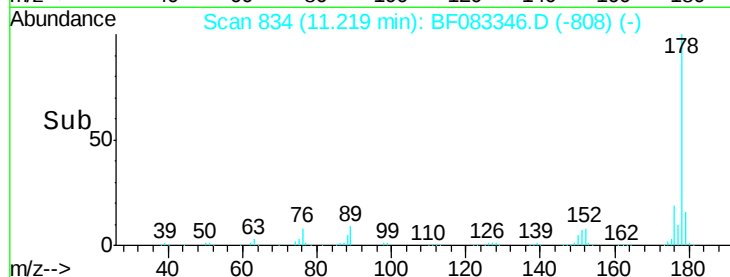
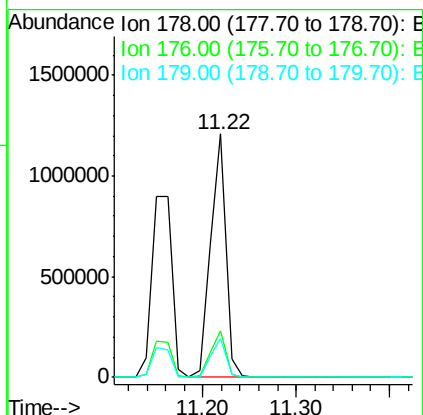
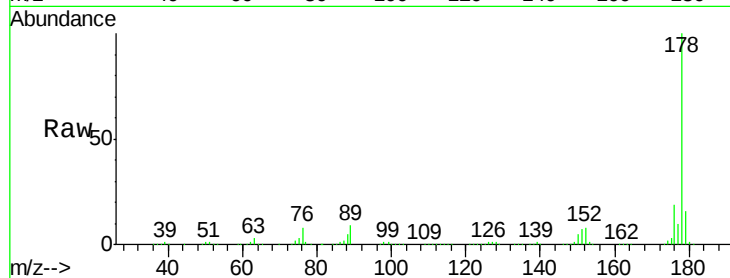




#71
 Anthracene
 Concen: 39.00 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

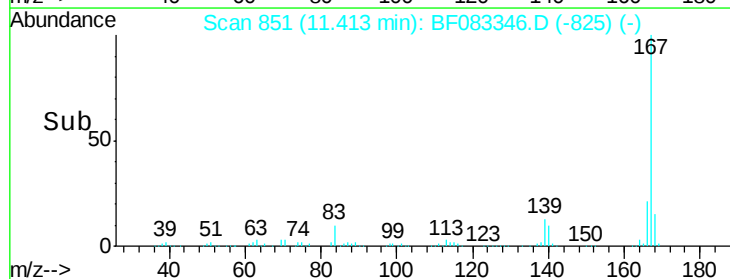
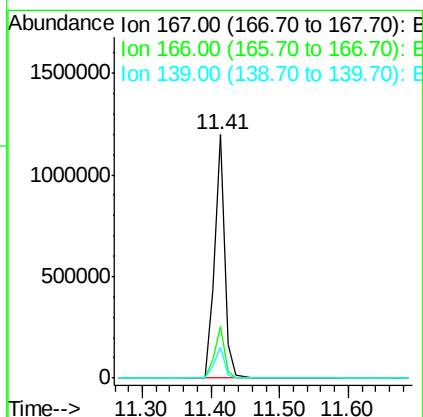
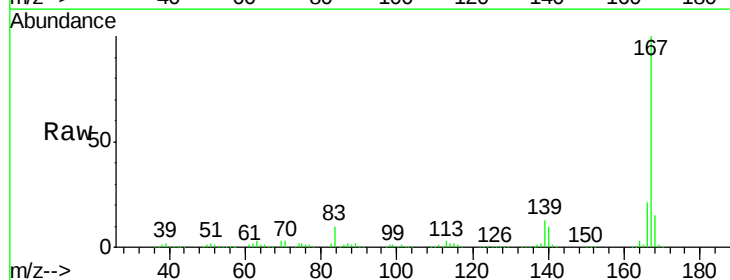
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

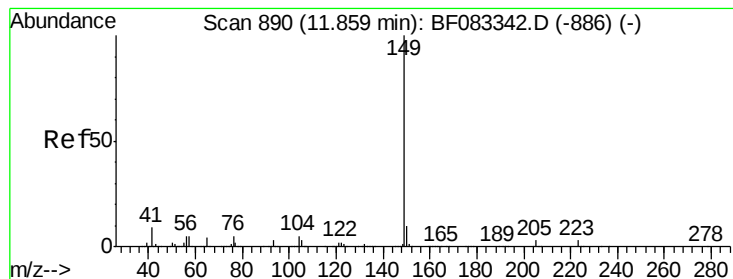
Tgt Ion:178 Resp: 1378489
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.2 12.8 19.2



#72
 Carbazole
 Concen: 39.69 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:167 Resp: 1260340
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.0 10.5 15.7





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.86 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

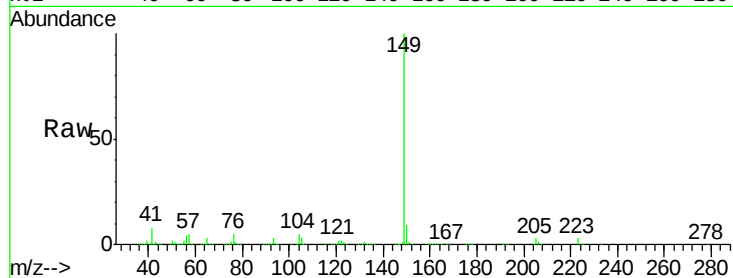
Tgt Ion:149 Resp: 1450396

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

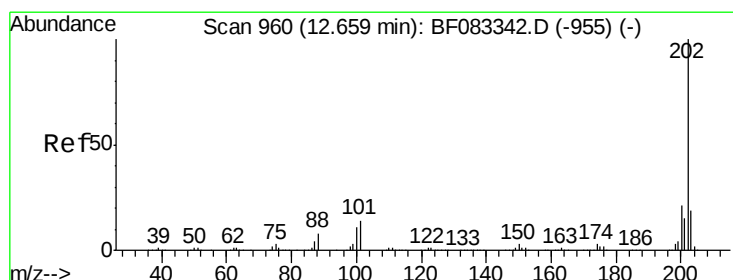
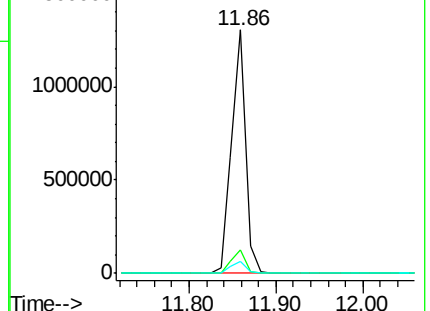
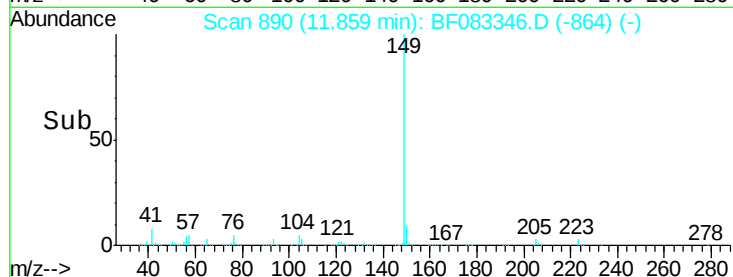
104 4.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.86 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

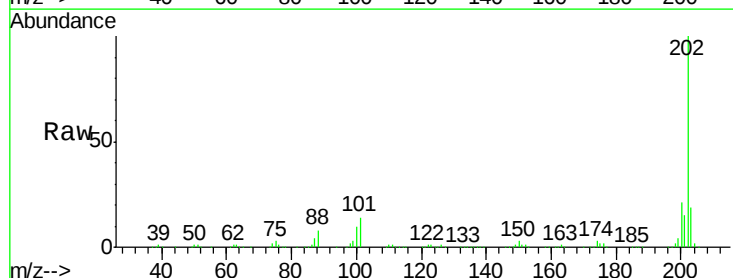
Tgt Ion:202 Resp: 1377693

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.5

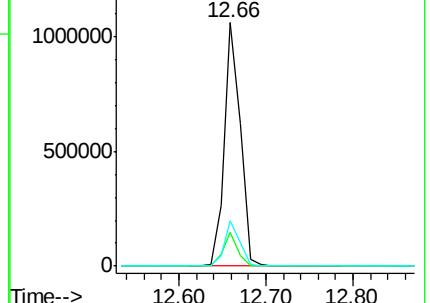
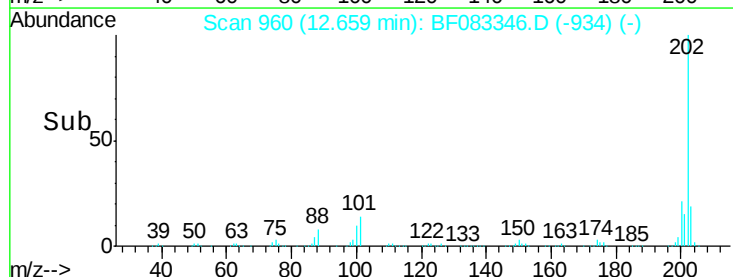
203 18.7 0.0 38.7

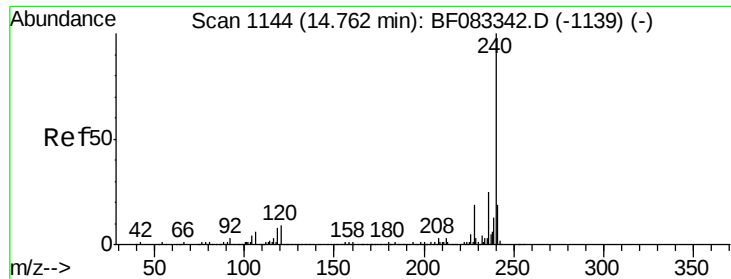


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

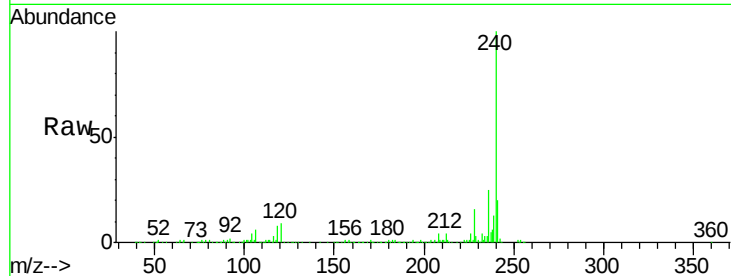
Tgt Ion:240 Resp: 563562

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

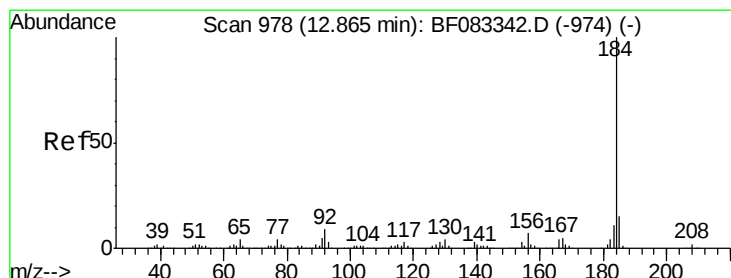
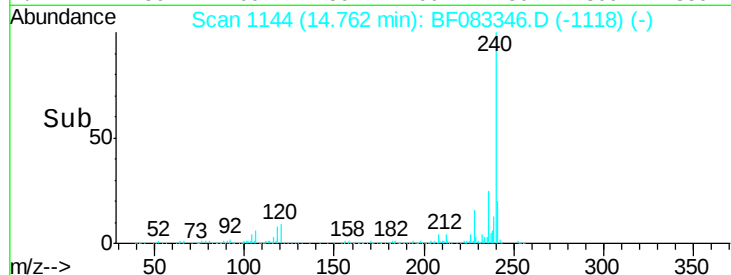
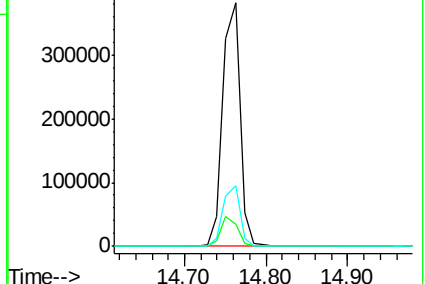
236 25.1 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.91 ng

RT: 12.86 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

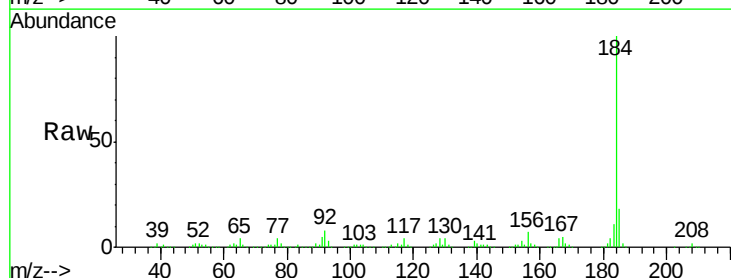
Tgt Ion:184 Resp: 636393

Ion Ratio Lower Upper

184 100

185 17.7 12.4 18.6

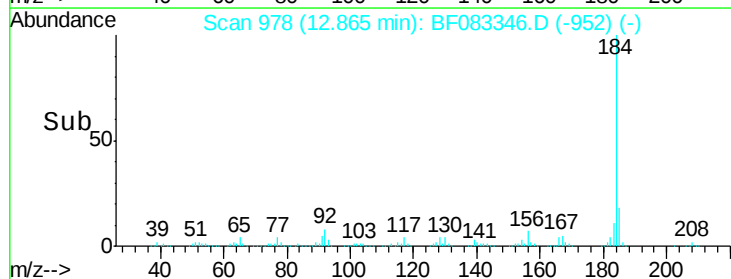
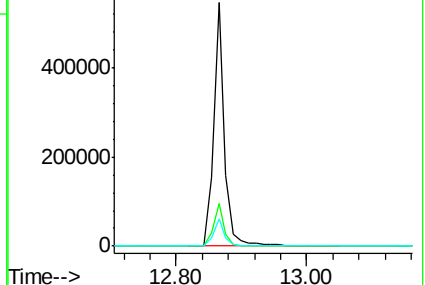
183 11.2 9.0 13.4

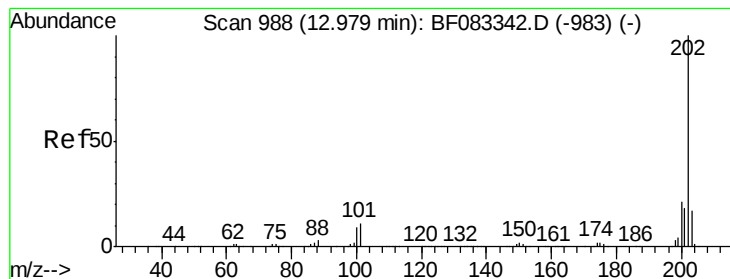


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.45 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

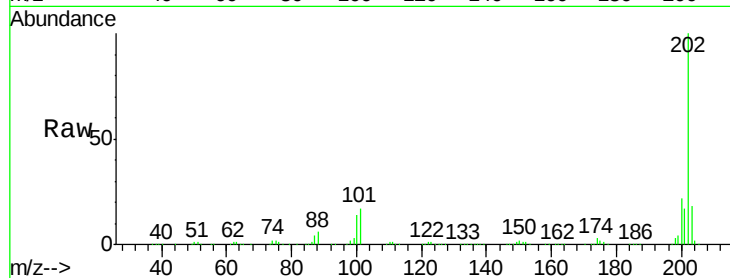
Tgt Ion:202 Resp: 1434606

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

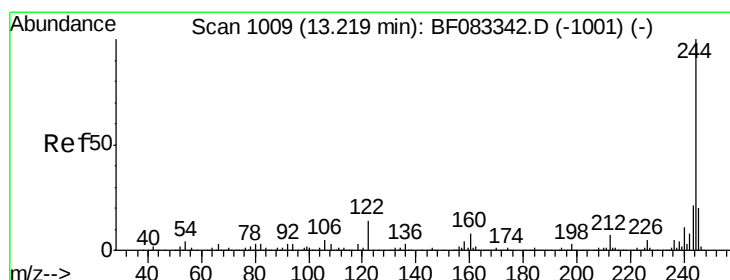
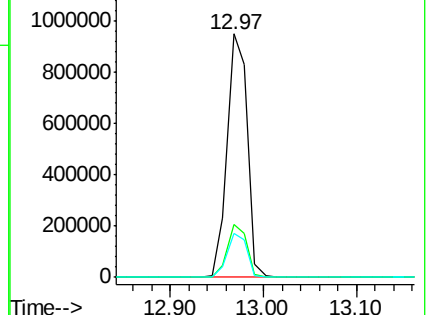
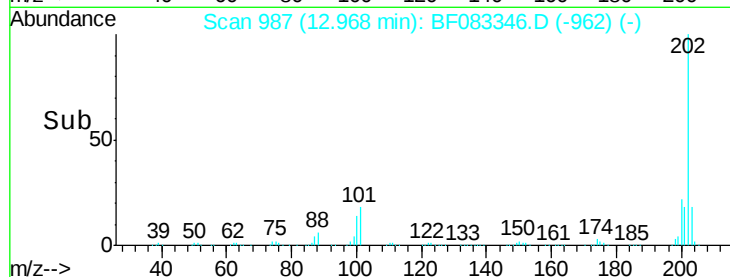
203 18.2 13.9 20.9



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: 70.83 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

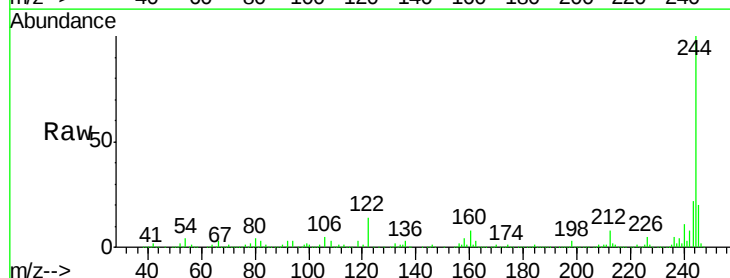
Tgt Ion:244 Resp: 1673771

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

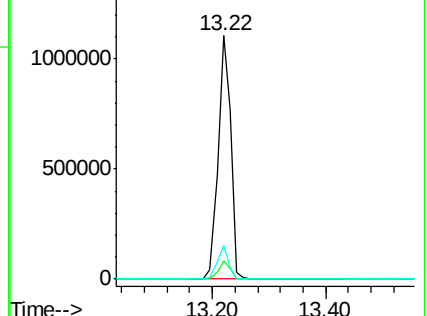
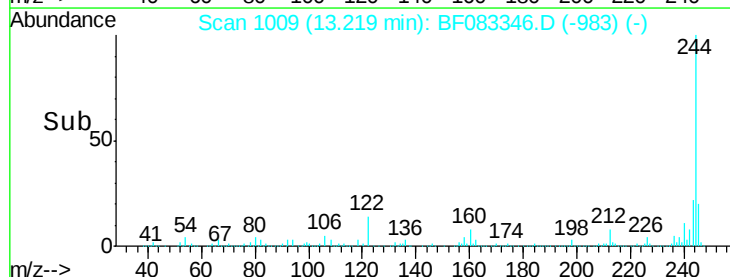
122 14.0 11.0 16.4

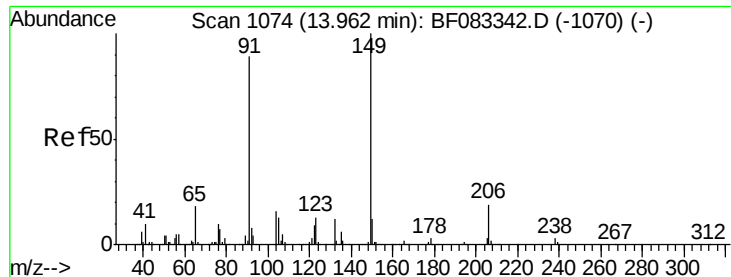


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.03 ng

RT: 13.96 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

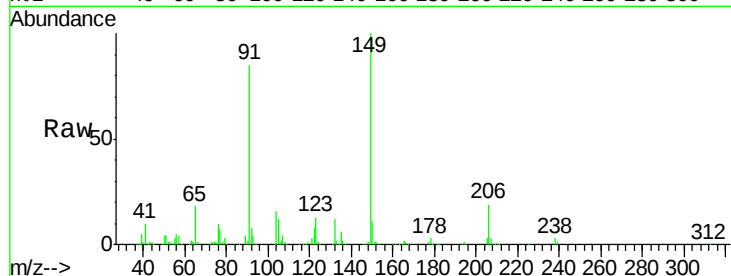
Tgt Ion:149 Resp: 618193

Ion Ratio Lower Upper

149 100

91 84.7 71.4 107.2

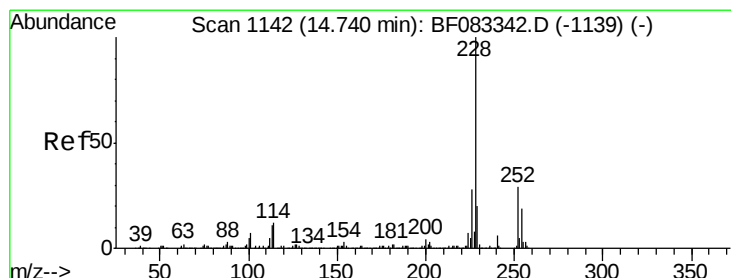
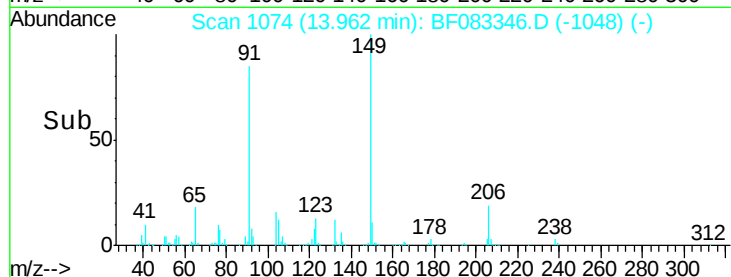
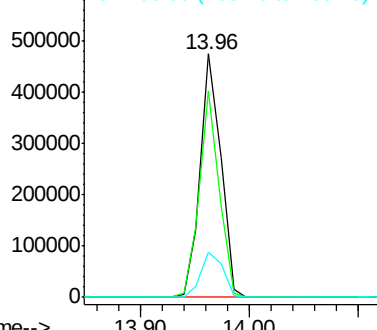
206 18.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.56 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

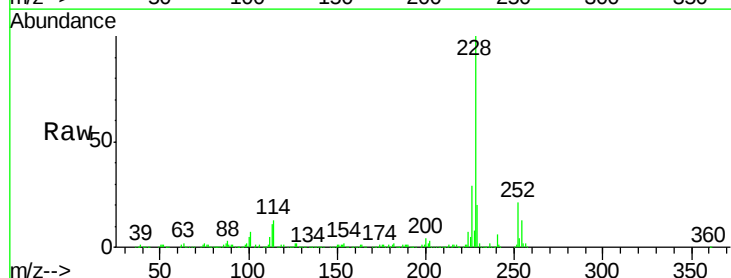
Tgt Ion:228 Resp: 1296838

Ion Ratio Lower Upper

228 100

226 28.8 22.2 33.4

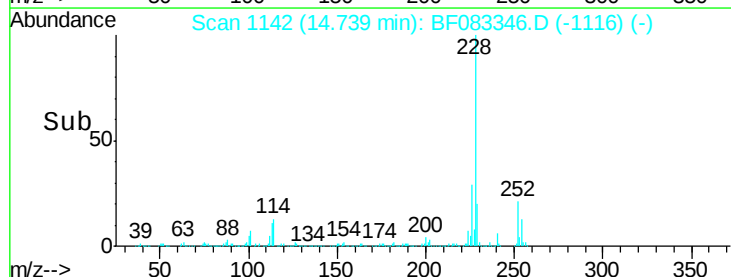
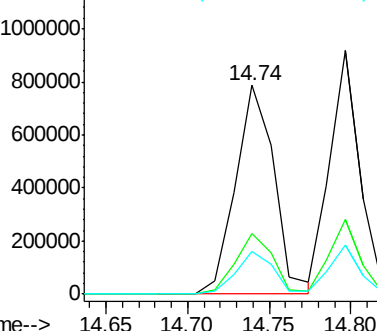
229 20.5 16.1 24.1

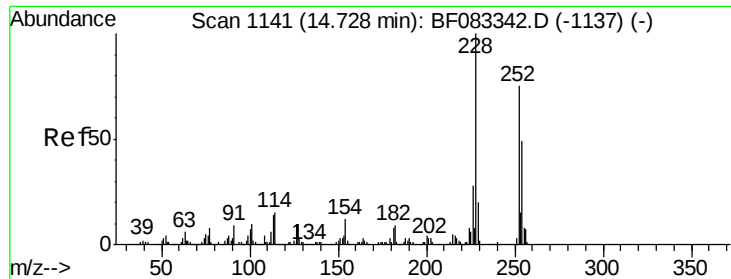


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

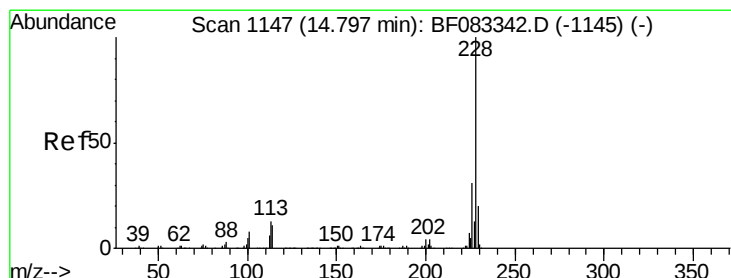
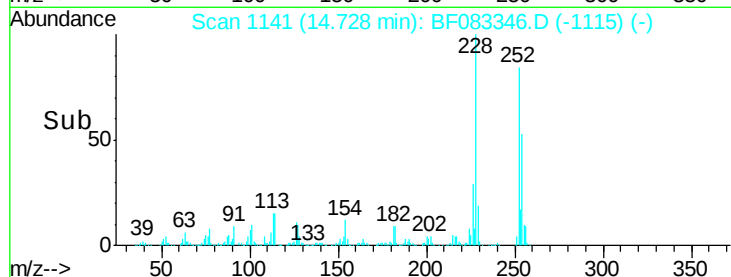
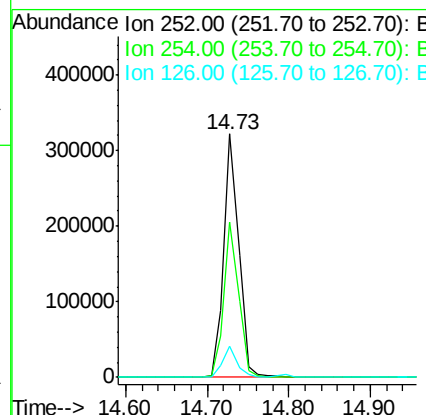
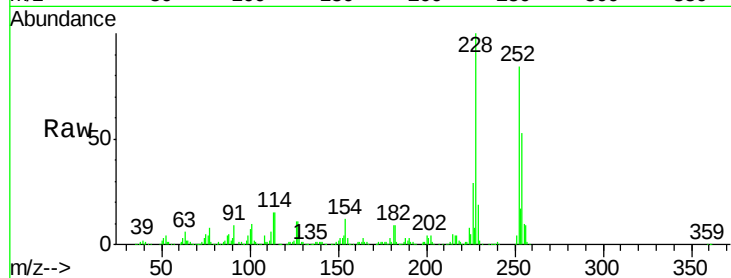




#81
 3,3'-Dichlorobenzidine
 Concen: 38.22 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

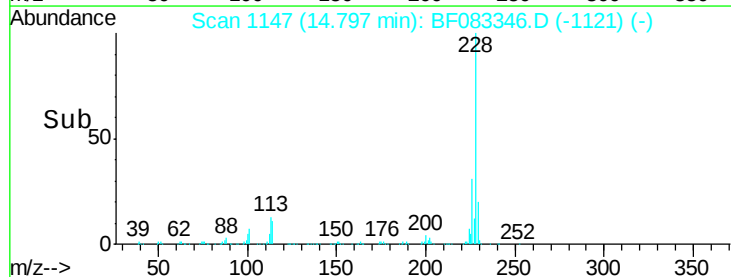
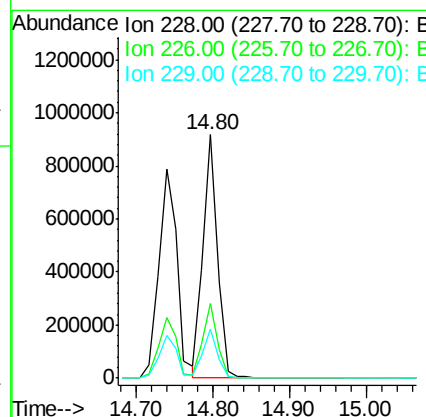
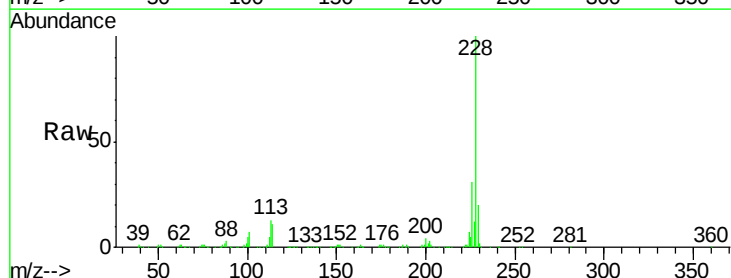
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF113015

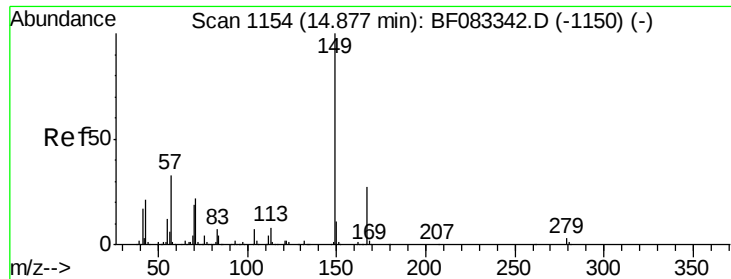
Tgt Ion:252 Resp: 412225
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.0 78.0
 126 13.0 10.7 16.1



#82
 Chrysene
 Concen: 35.61 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF083346.D
 Acq: 30 Nov 2015 21:08

Tgt Ion:228 Resp: 1187983
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.6 37.0
 229 19.9 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.48 ng

RT: 14.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

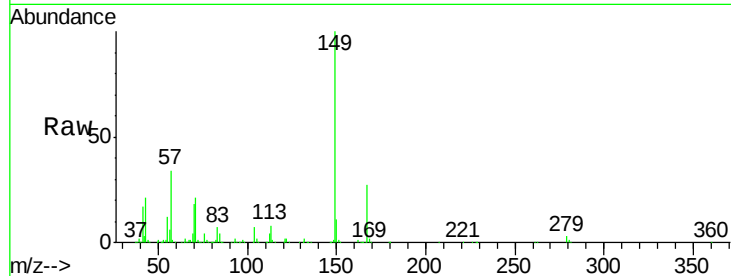
Tgt Ion:149 Resp: 839541

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

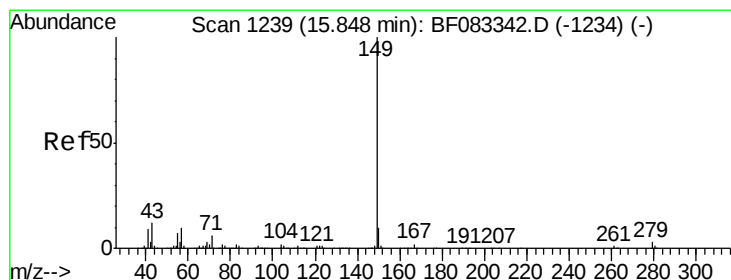
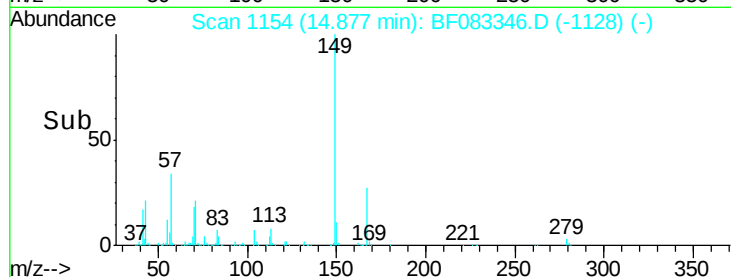
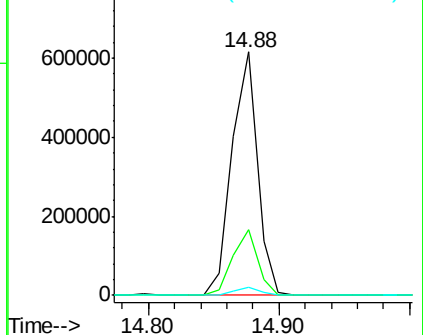
279 3.2 2.6 3.8



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: 40.02 ng

RT: 15.85 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

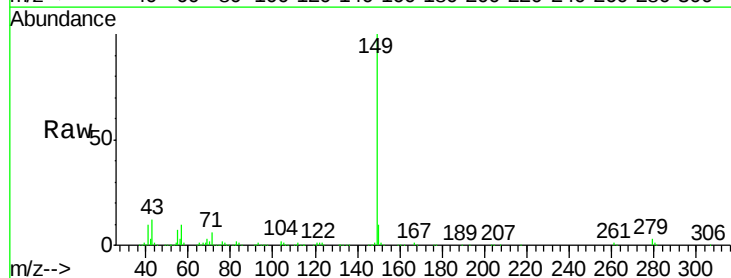
Tgt Ion:149 Resp: 1334763

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

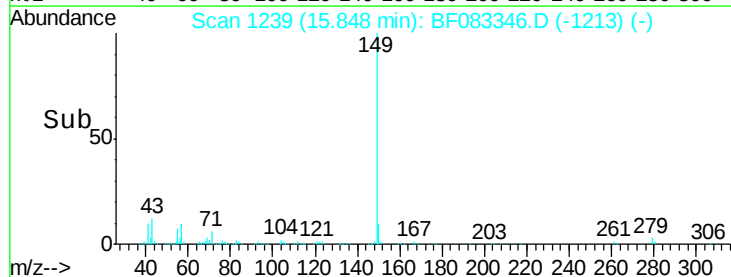
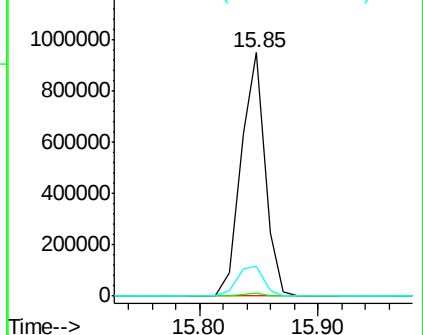
43 14.0 11.0 16.6

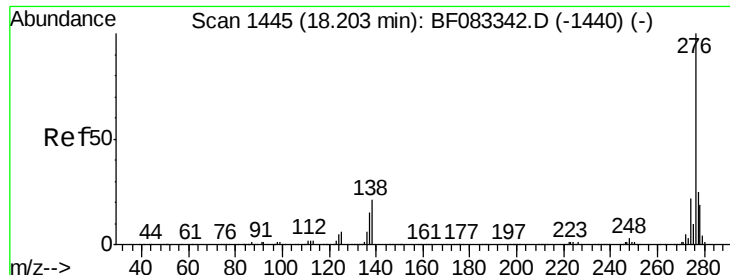


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.30 ng

RT: 18.20 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

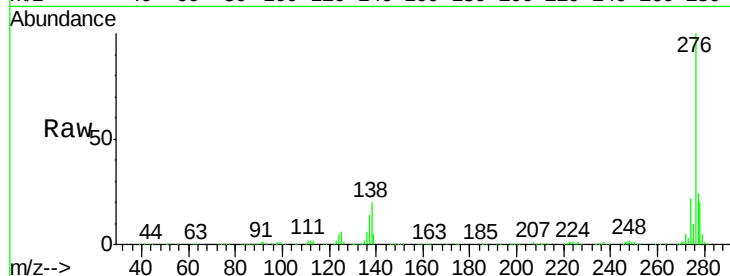
Tgt Ion:276 Resp: 881879

Ion Ratio Lower Upper

276 100

138 26.3 21.2 31.8

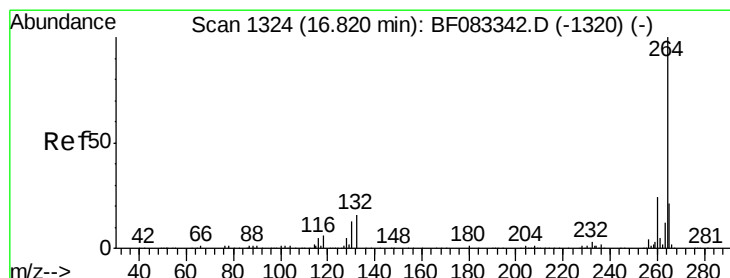
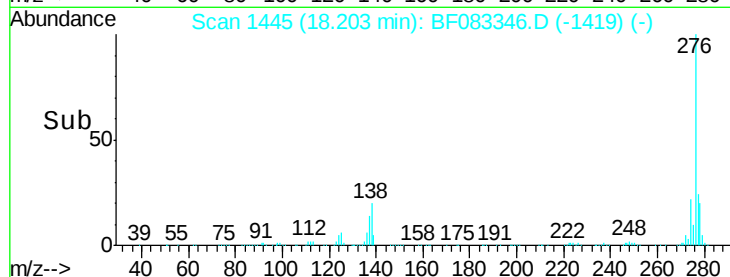
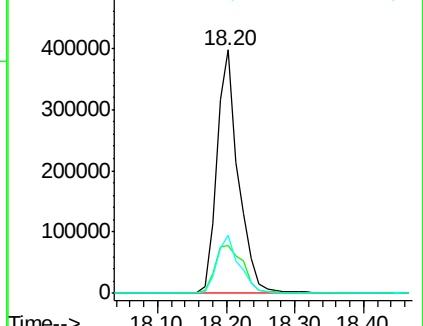
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.82 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

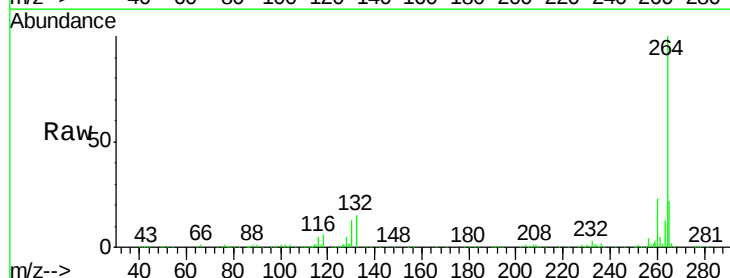
Tgt Ion:264 Resp: 420613

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

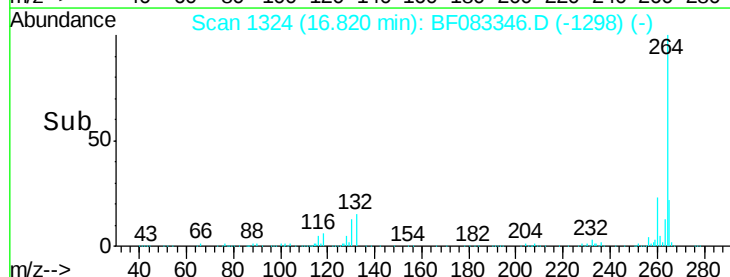
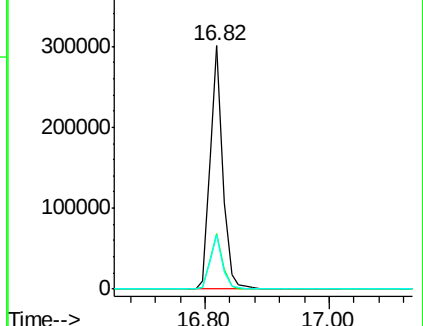
265 22.3 16.8 25.2

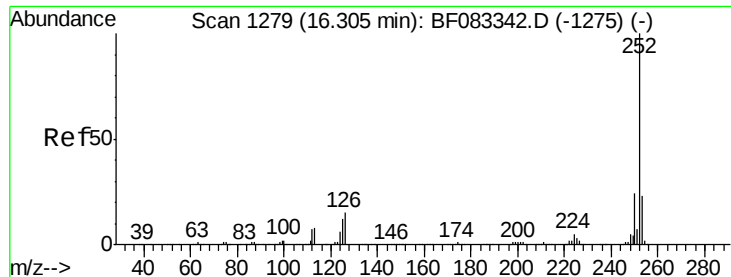


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

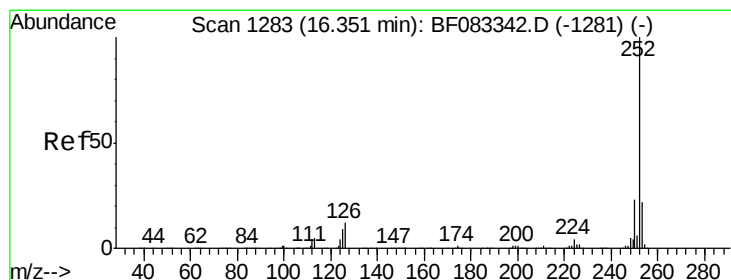
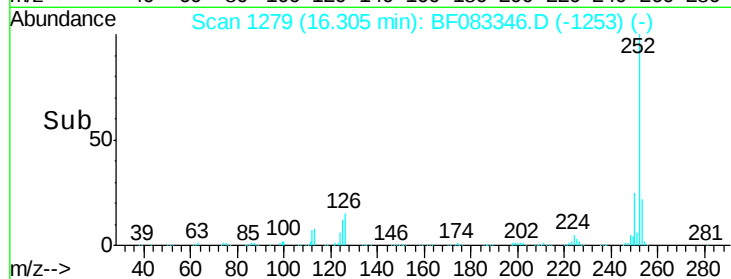
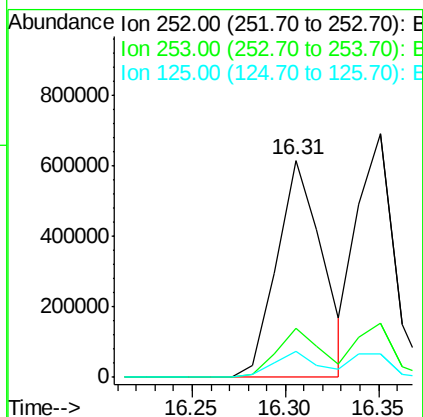
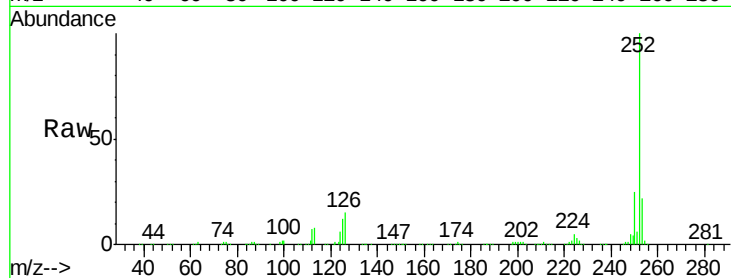




#87
Benzo(b)fluoranthene
Concen: 38.82 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

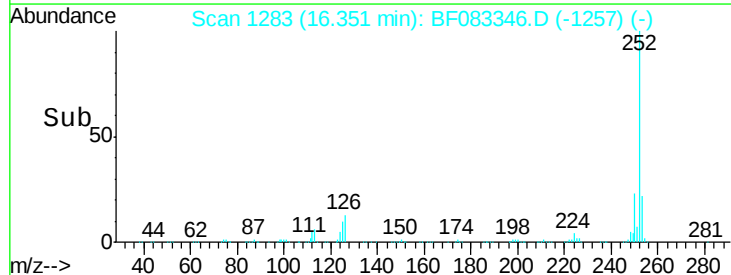
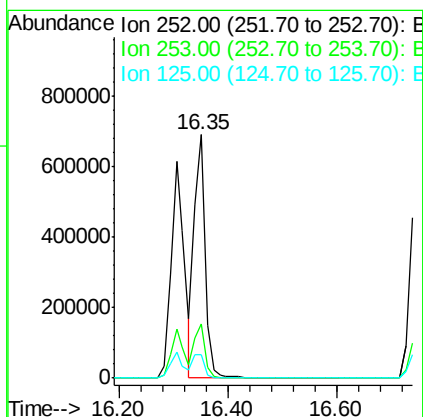
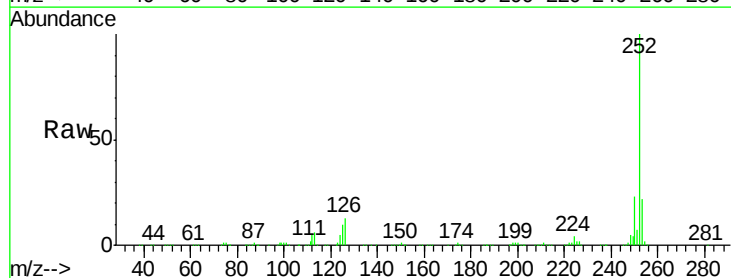
Instrument :
BNA_F
ClientSampleId :
ICVBF113015

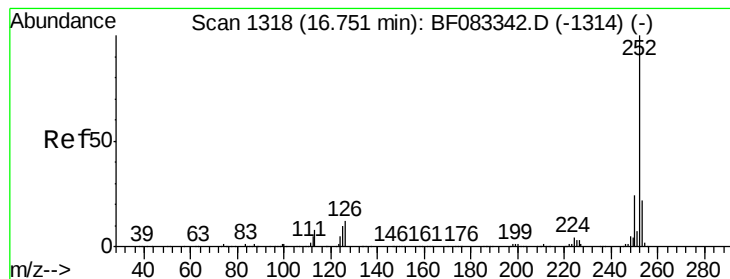
Tgt Ion:252 Resp: 1047595
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 11.8 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 37.31 ng
RT: 16.35 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF083346.D
Acq: 30 Nov 2015 21:08

Tgt Ion:252 Resp: 950722
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.6 7.5 11.3





#89

Benzo(a)pyrene

Concen: 38.93 ng

RT: 16.75 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

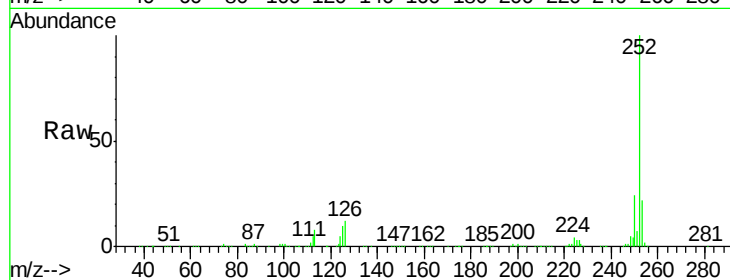
Tgt Ion:252 Resp: 902359

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

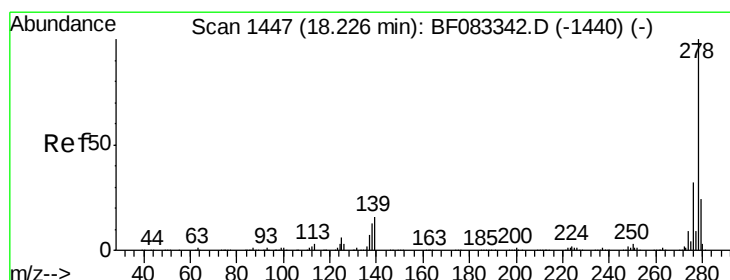
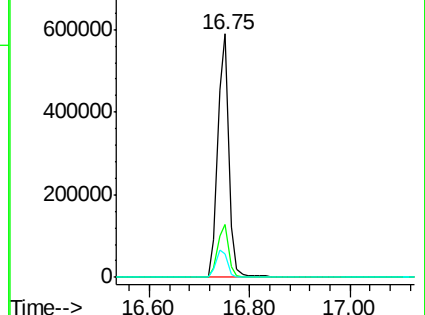
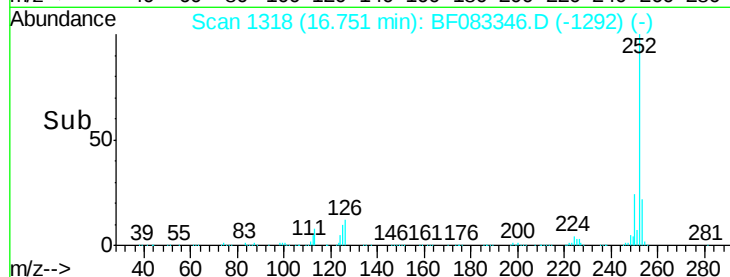
125 9.7 7.8 11.8



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: 36.81 ng

RT: 18.23 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

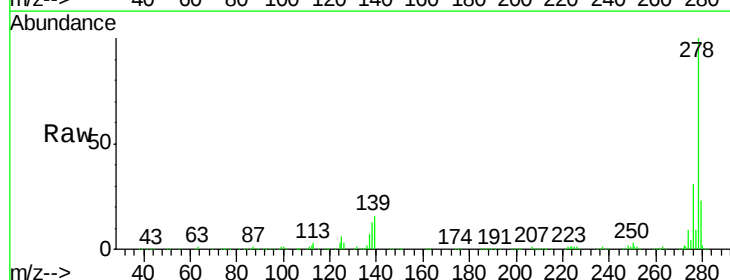
Tgt Ion:278 Resp: 743484

Ion Ratio Lower Upper

278 100

139 15.9 13.1 19.7

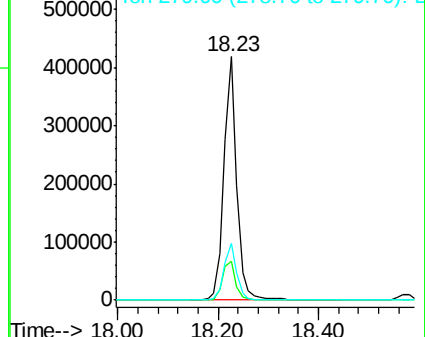
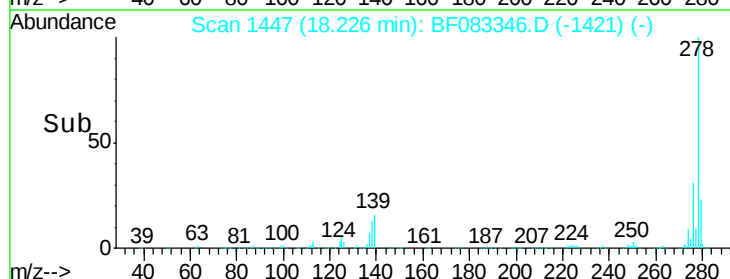
279 23.4 19.2 28.8

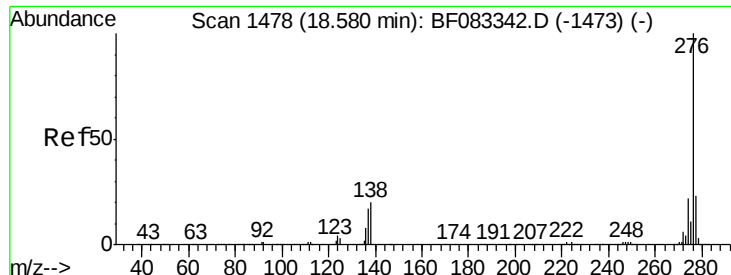


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.99 ng

RT: 18.58 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF083346.D

Acq: 30 Nov 2015 21:08

Instrument :

BNA_F

ClientSampleId :

ICVBF113015

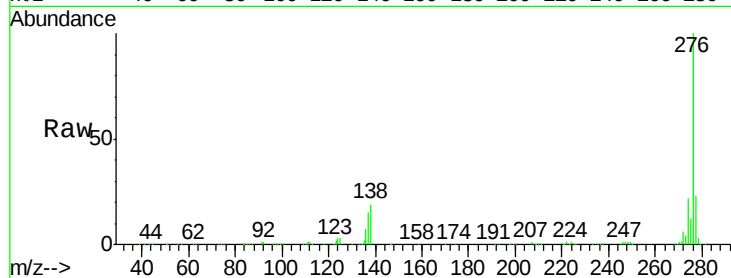
Tgt Ion: 276 Resp: 713554

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 18.5 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

