

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084078.D
 Acq On : 24 Dec 2015 14:35
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 24 15:11:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 15:05:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	46251	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	188170	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	86458	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	155749	20.00	ng	0.00
75) Chrysene-d12	13.96	240	108754	20.00	ng	0.00
86) Perylene-d12	15.38	264	87663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	225981	83.31	ng	0.00
7) Phenol-d6	6.45	99	256017	80.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	244897	79.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	68342	82.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	480256	74.76	ng	0.00
78) Terphenyl-d14	12.90	244	449569	98.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	46017	35.63	ng	99
3) Pyridine	3.07	79	107103	36.43	ng	98
4) n-Nitrosodimethylamine	3.01	42	46983	43.00	ng	94
6) Aniline	6.46	93	174937	39.63	ng	# 75
8) 2-Chlorophenol	6.59	128	140037	44.83	ng	94
9) Benzaldehyde	6.35	77	71001	33.33	ng	85
10) Phenol	6.46	94	141929	38.47	ng	# 54
11) bis(2-Chloroethyl)ether	6.53	93	108282	38.40	ng	94
12) 1,3-Dichlorobenzene	6.82	146	151596	43.68	ng	99
13) 1,4-Dichlorobenzene	6.74	146	151386	44.67	ng	96
14) 1,2-Dichlorobenzene	6.97	146	131776	40.68	ng	97
15) Benzyl Alcohol	6.96	79	101189	40.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103295	37.95	ng	# 54
17) 2-Methylphenol	7.07	107	97852	39.32	ng	# 92
18) Hexachloroethane	7.31	117	54582	43.92	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	79458	41.11	ng	# 86
20) 3+4-Methylphenols	7.23	107	131272	42.75	ng	# 49
22) Acetophenone	7.22	105	186817	42.31	ng	# 90
24) Nitrobenzene	7.39	77	140364	44.46	ng	92
25) Isophorone	7.63	82	234810	40.46	ng	97
26) 2-Nitrophenol	7.71	139	69332	40.81	ng	# 91
27) 2,4-Dimethylphenol	7.76	122	122624	41.41	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	122231	34.00	ng	100
29) 2,4-Dichlorophenol	7.95	162	101975	38.55	ng	92
30) 1,2,4-Trichlorobenzene	8.03	180	118517	42.95	ng	96
31) Naphthalene	8.11	128	400570	41.67	ng	99
32) Benzoic acid	7.88	122	50682	40.37	ng	93
33) 4-Chloroaniline	8.16	127	147074	37.41	ng	98
34) Hexachlorobutadiene	8.22	225	62237	37.73	ng	99
35) Caprolactam	8.53	113	31687	39.86	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	123569	43.67	ng	98
37) 2-Methylnaphthalene	8.80	142	228981	36.78	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	110794	42.63	ng	99
40) Hexachlorocyclopentadiene	8.96	237	21836	36.13	ng	99

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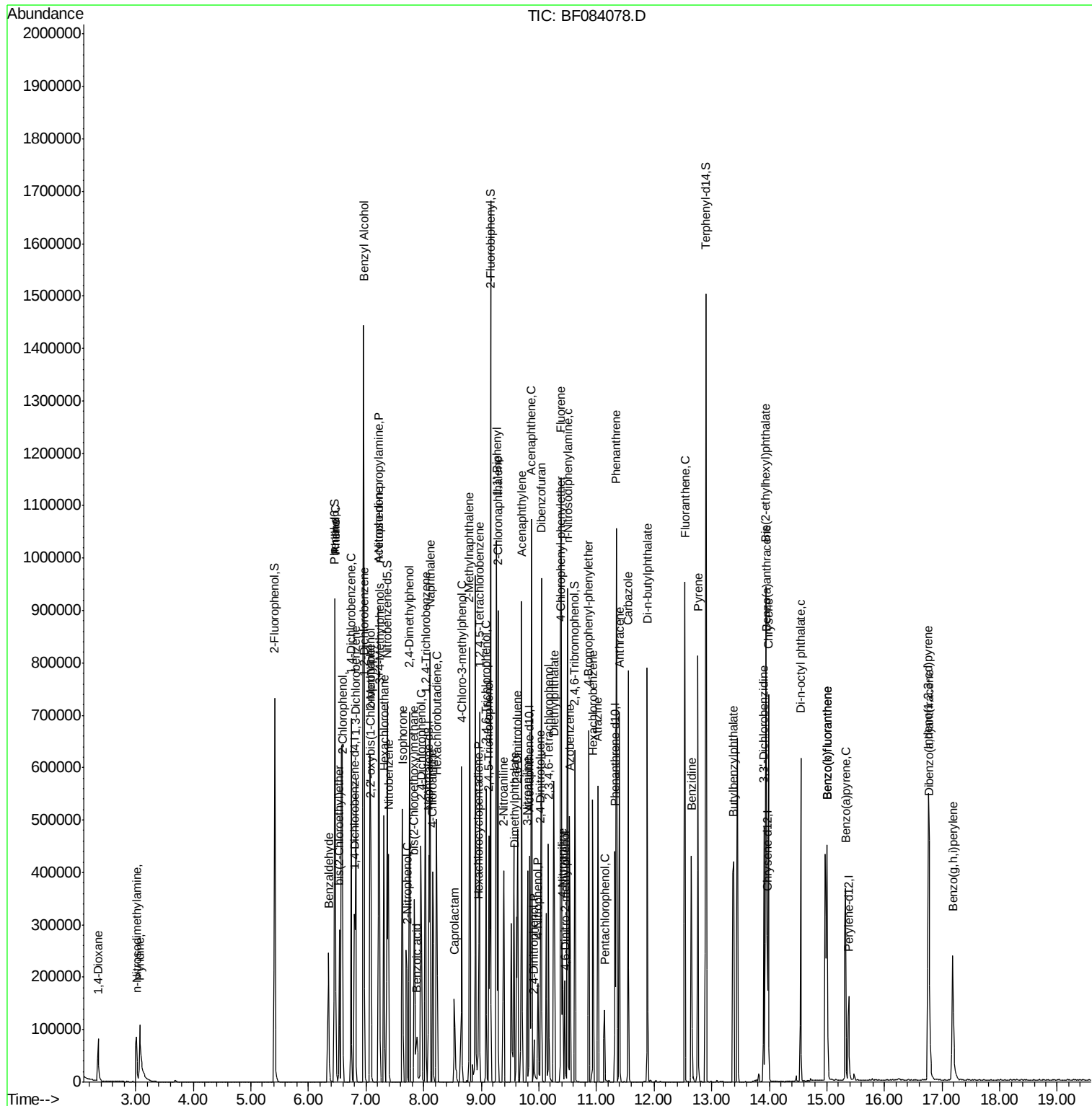
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70161	44.83	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	72313	44.39	nq	# 82
45) 1,1'-Biphenyl	9.26	154	330633	43.26	nq	97
46) 2-Chloronaphthalene	9.29	162	242599	44.09	nq	96
47) 2-Nitroaniline	9.39	65	65772	43.85	nq	# 59
48) Acenaphthylene	9.70	152	373086	42.82	nq	100
49) Dimethylphthalate	9.57	163	278831	41.21	nq	# 91
50) 2,6-Dinitrotoluene	9.63	165	65937	46.18	nq	# 87
51) Acenaphthene	9.87	154	218073	42.09	nq	99
52) 3-Nitroaniline	9.80	138	69902	46.09	nq	# 79
53) 2,4-Dinitrophenol	9.92	184	15460	30.81	nq	99
54) Dibenzofuran	10.04	168	291070	37.53	nq	91
55) 4-Nitrophenol	9.98	139	33181	37.23	nq	98
56) 2,4-Dinitrotoluene	10.03	165	75961	42.32	nq	# 78
57) Fluorene	10.38	166	250926	40.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	51112	39.79	nq	98
59) Diethylphthalate	10.26	149	263995	39.70	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	112377	39.91	nq	# 81
61) 4-Nitroaniline	10.41	138	61911	39.90	nq	92
62) Azobenzene	10.53	77	234104	39.88	nq	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	32087	35.24	nq	78
65) n-Nitrosodiphenylamine	10.50	169	232174	40.36	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	72875	40.81	nq	# 77
67) Hexachlorobenzene	10.93	284	75339	38.65	nq	# 71
68) Atrazine	11.02	200	60849	34.99	nq	96
69) Pentachlorophenol	11.14	266	21450	35.29	nq	98
70) Phenanthrene	11.34	178	374328	42.52	nq	99
71) Anthracene	11.40	178	375101	41.96	nq	99
72) Carbazole	11.55	167	309838	37.07	nq	99
73) Di-n-butylphthalate	11.88	149	403334	38.86	nq	# 98
74) Fluoranthene	12.53	202	401749	46.02	nq	95
76) Benzidine	12.65	184	152340	39.28	nq	99
77) Pyrene	12.76	202	389526	52.79	nq	99
79) Butylbenzylphthalate	13.38	149	157114	46.30	nq	# 76
80) Benzo(a)anthracene	13.95	228	265309	42.31	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	88450	37.50	nq	# 94
82) Chrysene	13.99	228	262290	45.05	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	208609	44.33	nq	# 96
84) Di-n-octyl phthalate	14.55	149	300200	41.48	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	257192	53.41	nq	99
87) Benzo(b)fluoranthene	15.00	252	430550	77.91	nq	99
88) Benzo(k)fluoranthene	15.00	252	430550	81.92	nq	# 96
89) Benzo(a)pyrene	15.32	252	207128	40.47	nq	100
90) Dibenzo(a,h)anthracene	16.77	278	213004	50.22	nq	# 93
91) Benzo(g,h,i)perylene	17.19	276	216599	50.49	nq	97

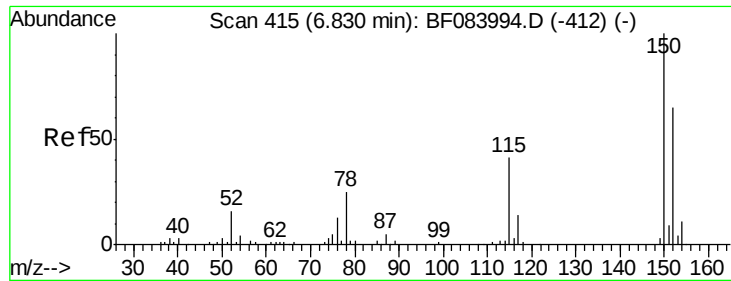
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTDICC040  
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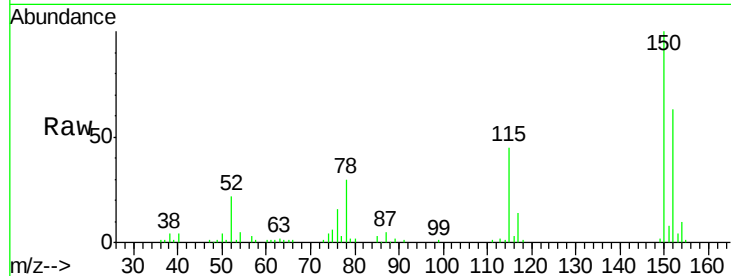


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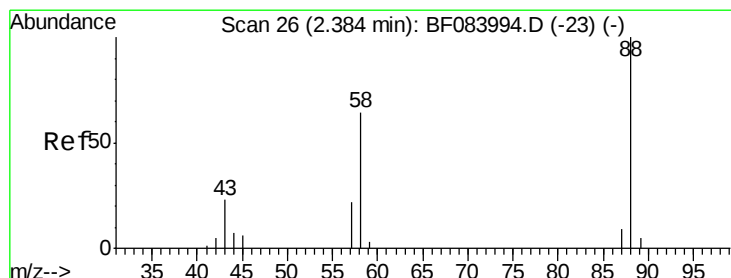
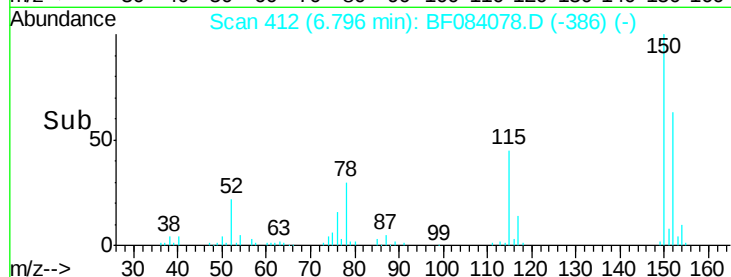
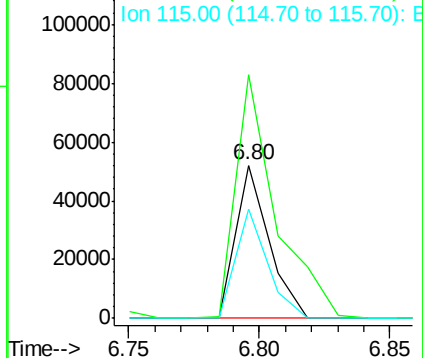
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46251
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.4
115 71.3 51.4 77.2



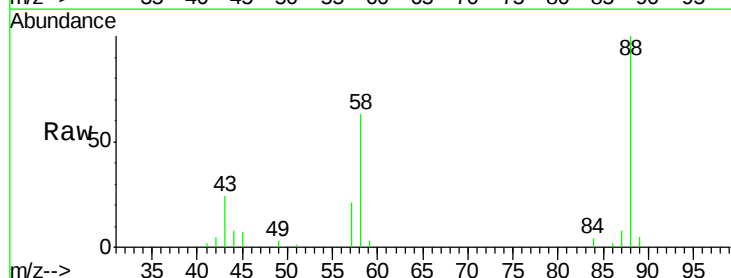
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



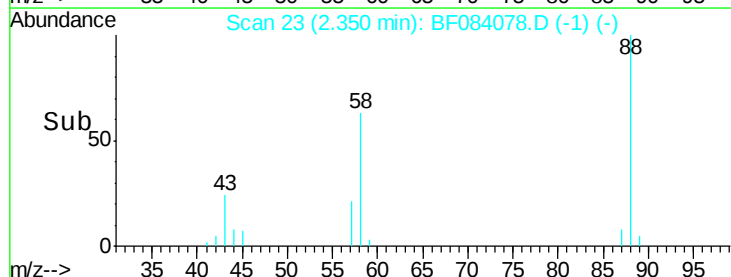
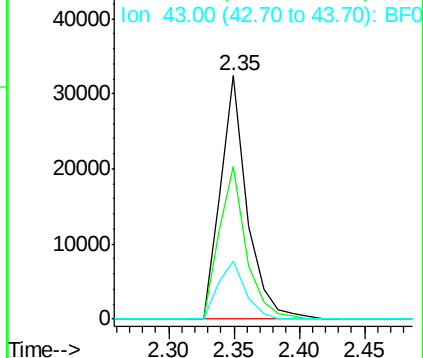
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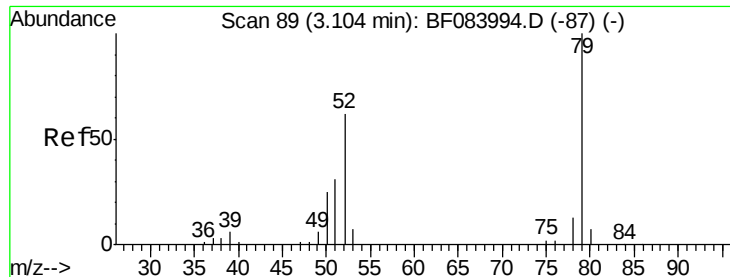
1,4-Dioxane
Concen: 35.63 ng
RT: 2.35 min Scan# 23
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion: 88 Resp: 46017
Ion Ratio Lower Upper
88 100
58 63.4 51.2 76.8
43 24.3 19.5 29.3



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





#3

Pvridine

Concen: 36.43 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

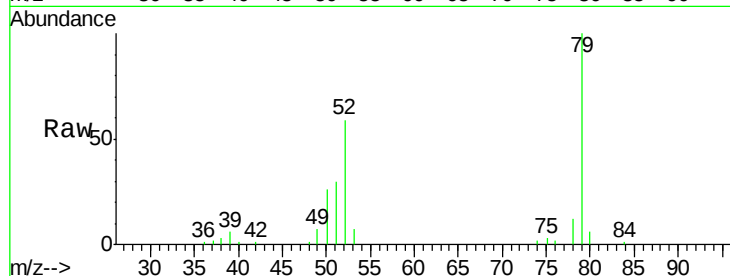
Tot Ion: 79 Resp: 107103

Ion Ratio Lower Upper

79 100

52 59.1 49.0 73.4

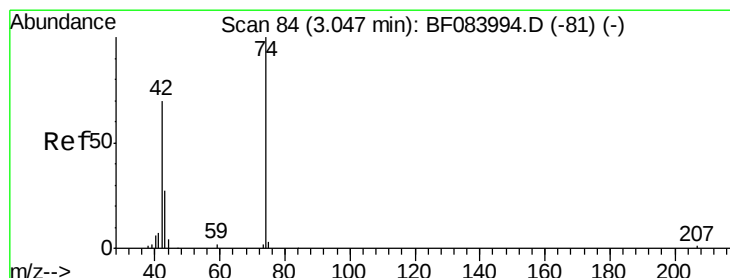
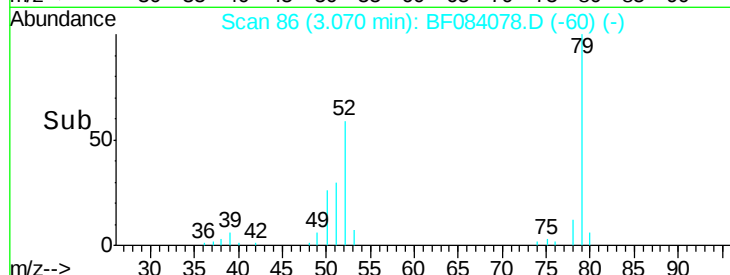
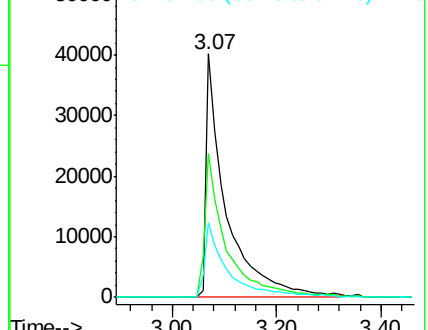
51 30.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.00 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

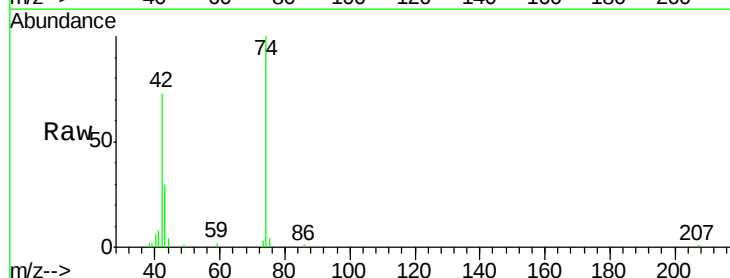
Tgt Ion: 42 Resp: 46983

Ion Ratio Lower Upper

42 100

74 137.1 115.7 173.5

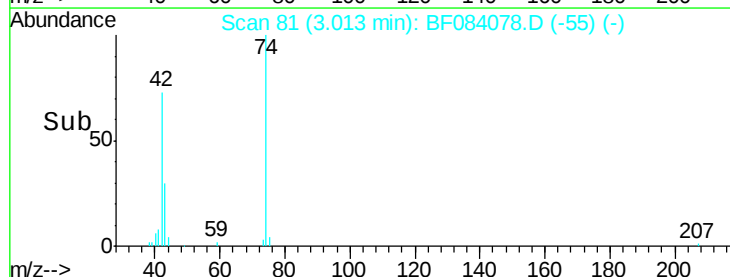
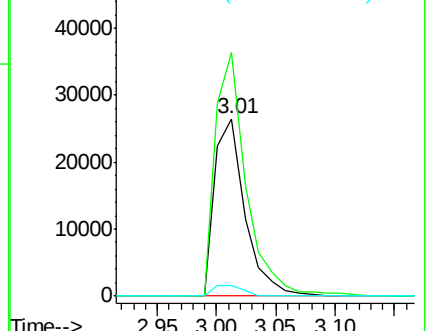
44 5.7 5.1 7.7

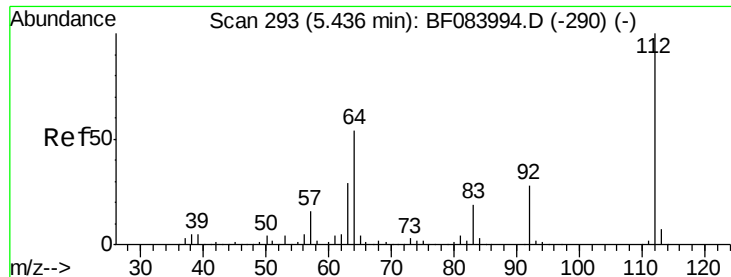


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.31 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

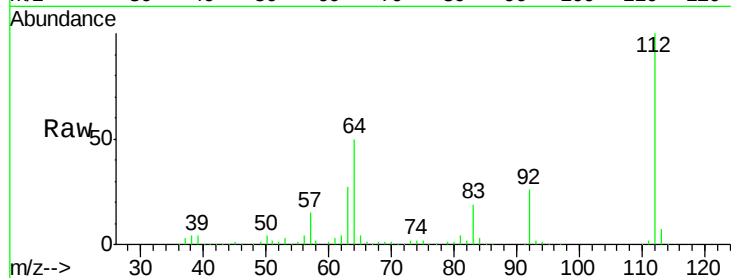
Tot Ion:112 Resp: 225981

Ion Ratio Lower Upper

112 100

64 49.5 36.6 55.0

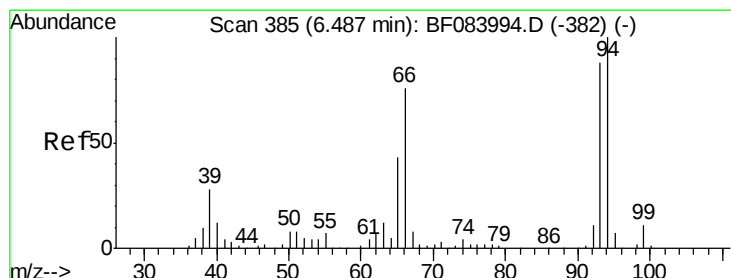
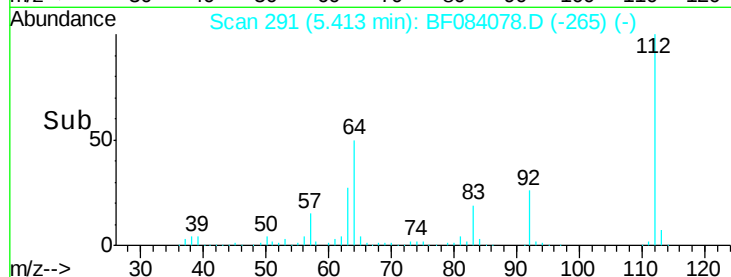
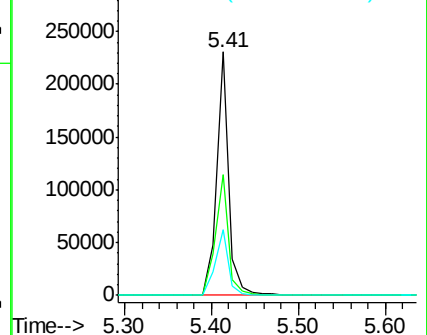
63 26.8 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.63 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

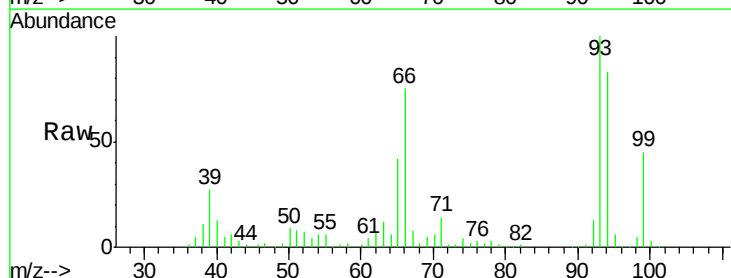
Tgt Ion: 93 Resp: 174937

Ion Ratio Lower Upper

93 100

66 75.4 44.9 67.3#

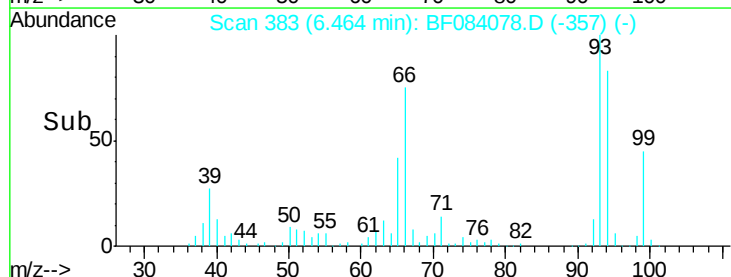
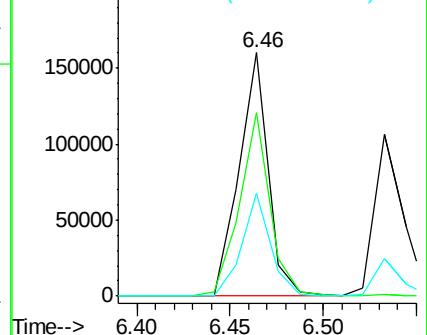
65 42.2 23.7 35.5#

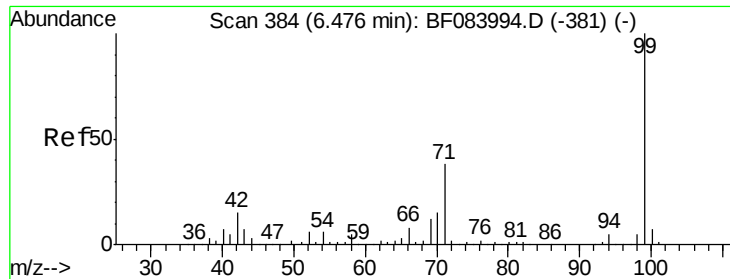


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

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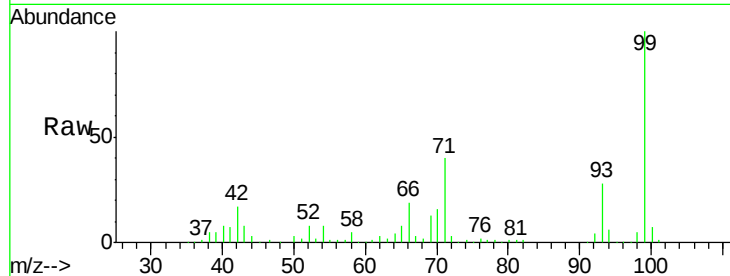
Tot Ion: 99 Resp: 256017

Ion Ratio Lower Upper

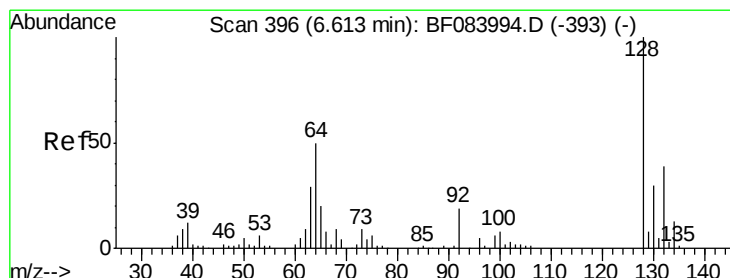
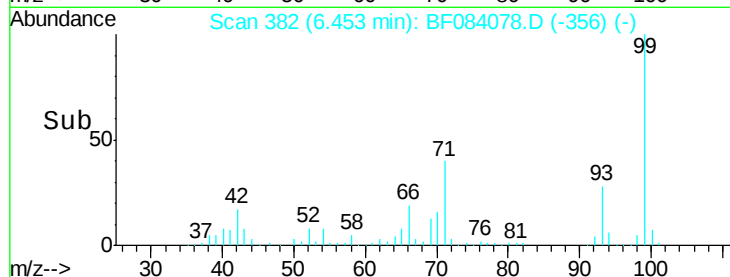
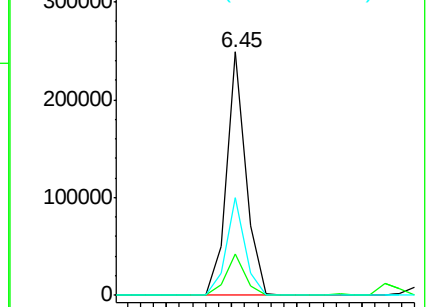
99 100

42 17.2 12.8 19.2

71 40.1 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.83 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

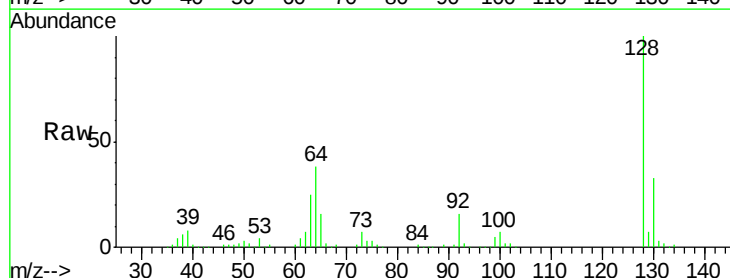
Tgt Ion: 128 Resp: 140037

Ion Ratio Lower Upper

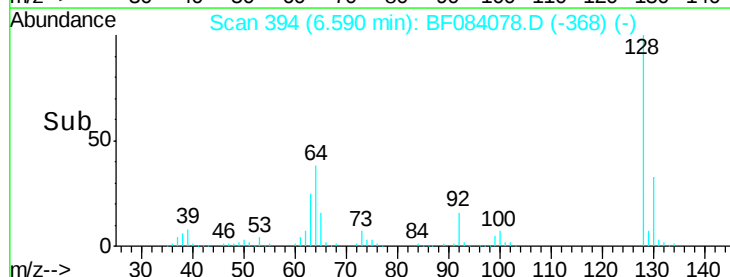
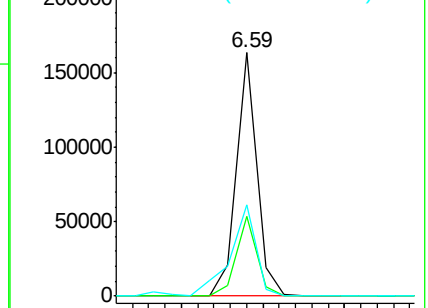
128 100

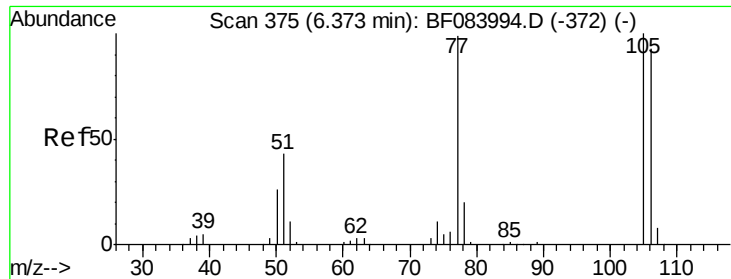
130 32.8 11.6 51.6

64 37.7 23.8 63.8



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

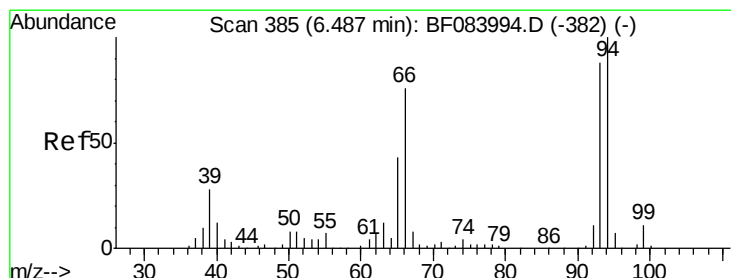
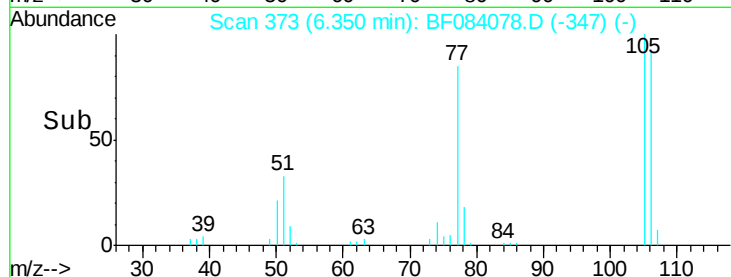
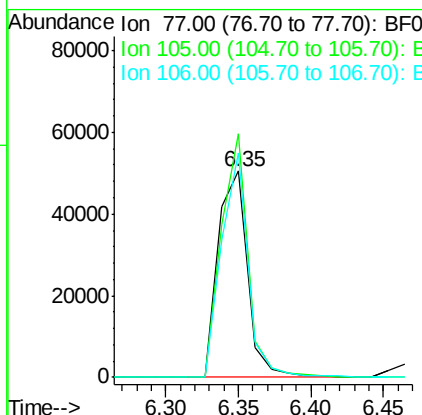
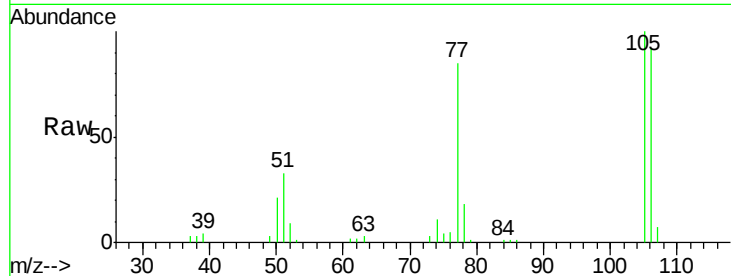




#9
Benzaldehyde
Concen: 33.33 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

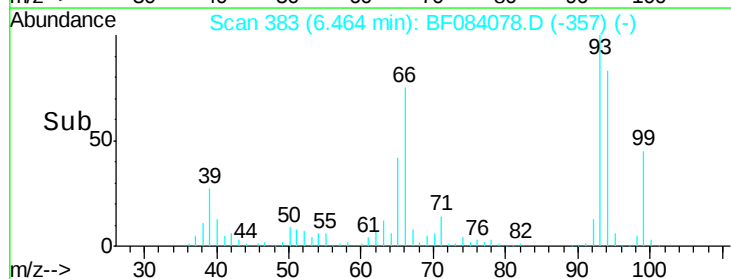
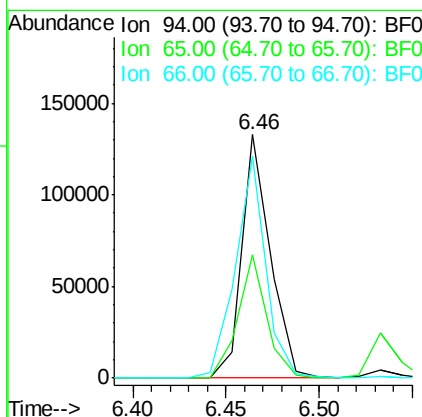
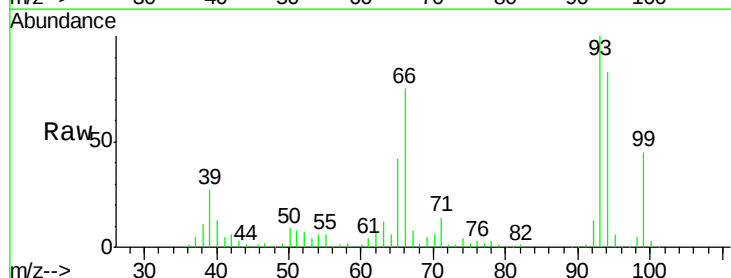
Instrument :
BNA_F
ClientSampleId :

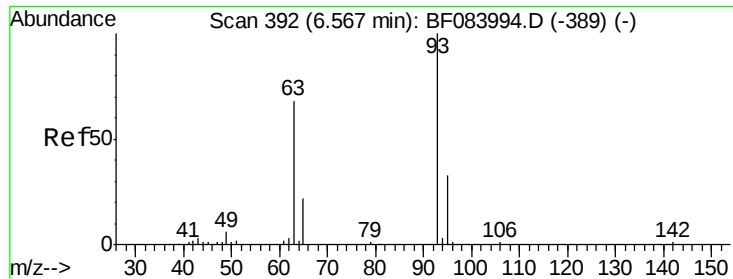
Tot Ion: 77 Resp: 71001
Ion Ratio Lower Upper
77 100
105 118.1 83.0 123.0
106 108.7 74.6 114.6



#10
Phenol
Concen: 38.47 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion: 94 Resp: 141929
Ion Ratio Lower Upper
94 100
65 50.9 12.9 52.9
66 90.9 32.7 72.7#

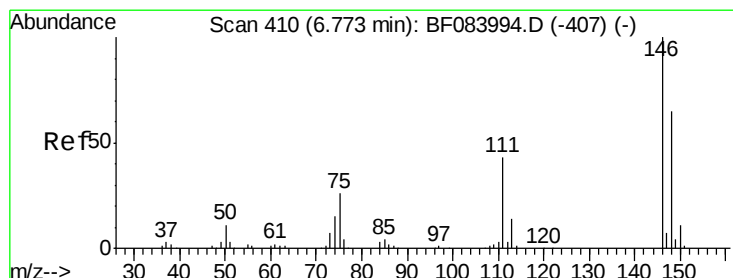
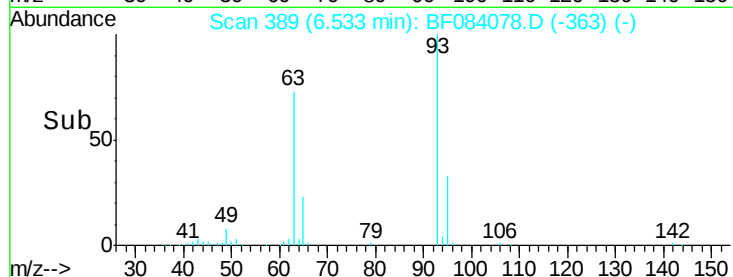
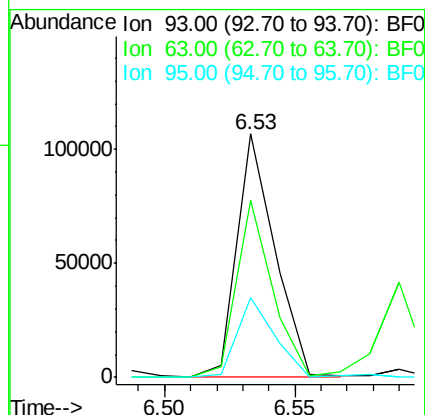
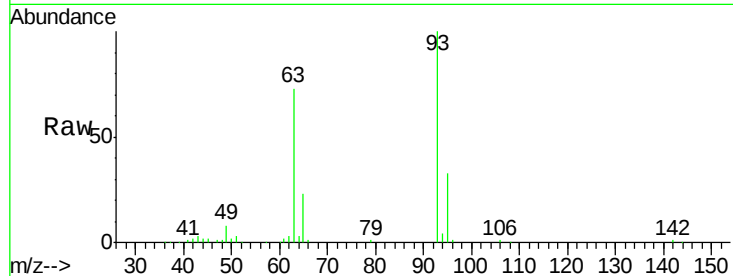




#11
bis(2-Chloroethyl)ether
Concen: 38.40 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

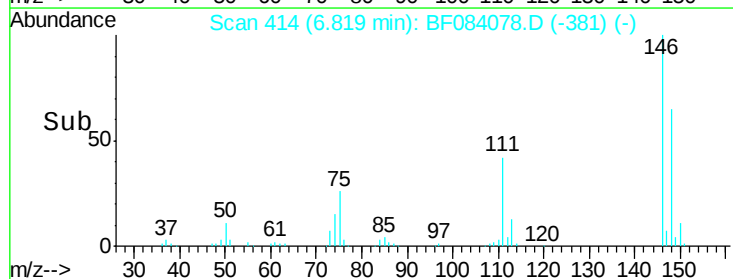
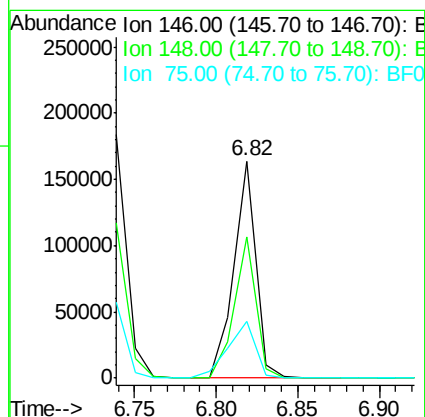
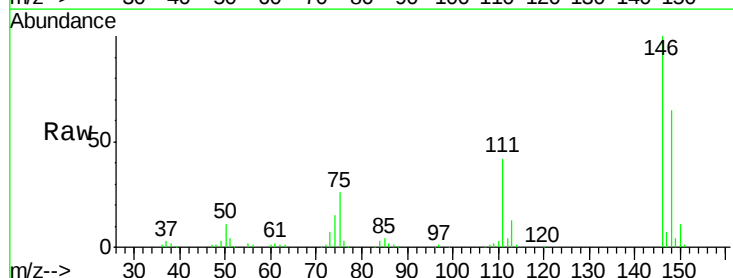
Instrument :
BNA_F
ClientSampleId :

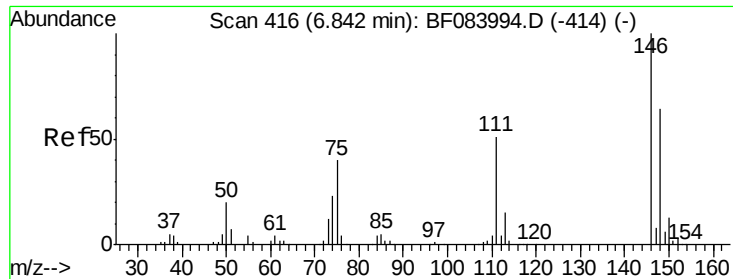
Tot Ion: 93 Resp: 108282
Ion Ratio Lower Upper
93 100
63 72.8 45.9 85.9
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.68 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.08 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion: 146 Resp: 151596
Ion Ratio Lower Upper
146 100
148 64.8 51.9 77.9
75 26.3 20.5 30.7

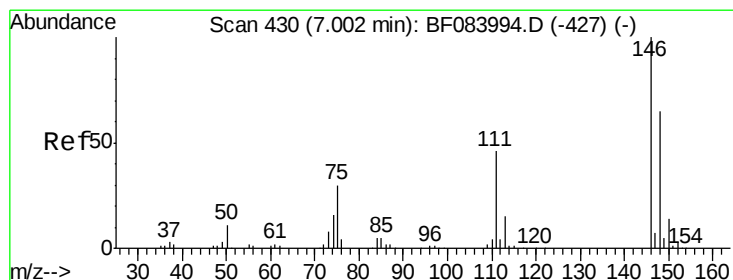
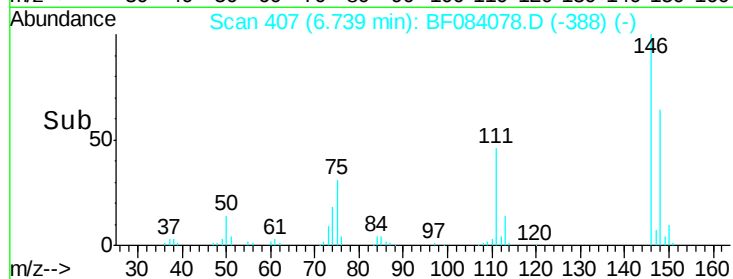
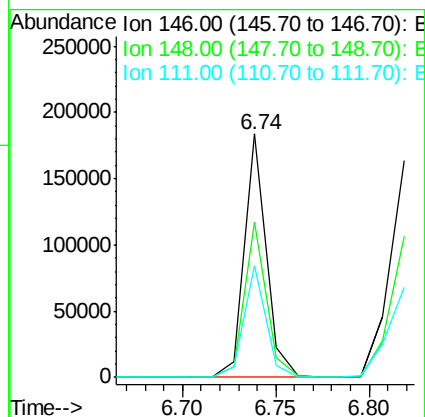
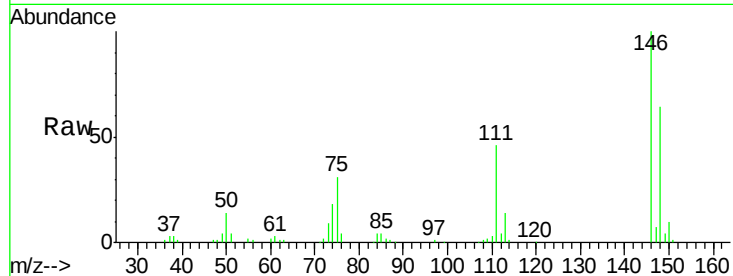




#13
 1,4-Dichlorobenzene
 Concen: 44.67 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

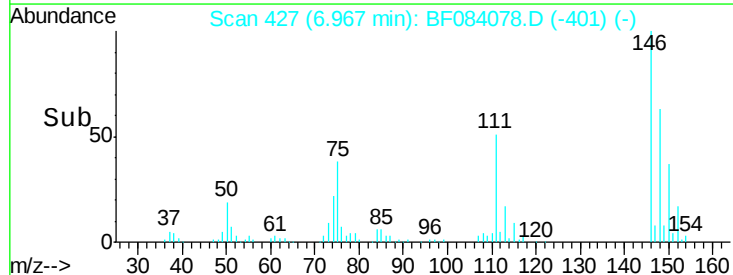
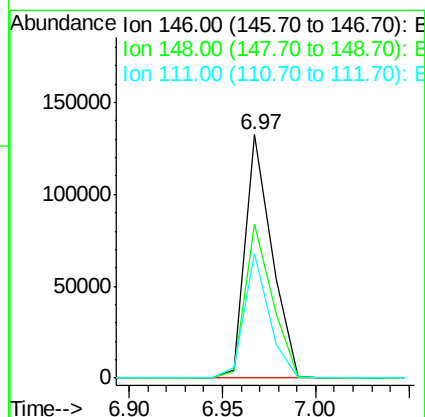
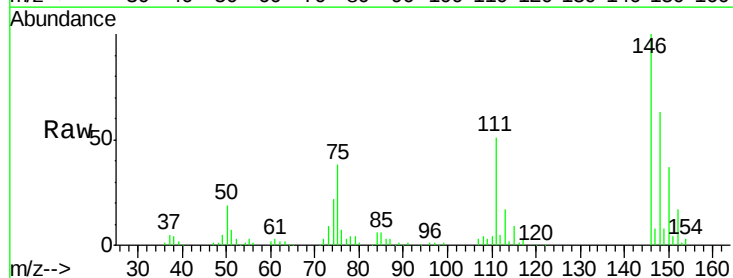
Instrument :
 BNA_F
 ClientSampled :

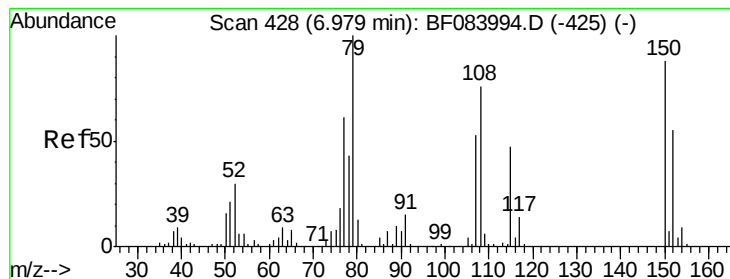
Tot Ion:146 Resp: 151386
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 46.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 40.68 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:146 Resp: 131776
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 51.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 40.29 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

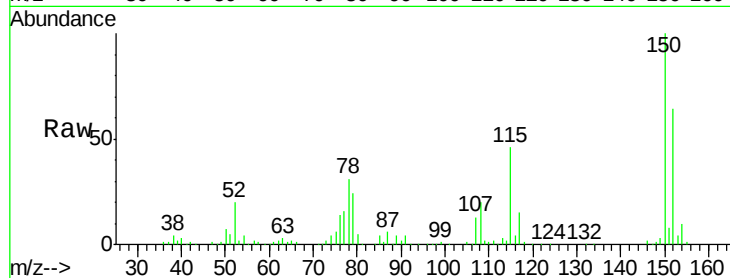
Tot Ion: 79 Resp: 101189

Ion Ratio Lower Upper

79 100

108 81.0 69.0 103.4

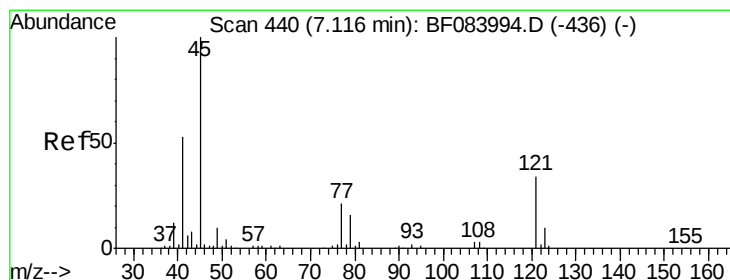
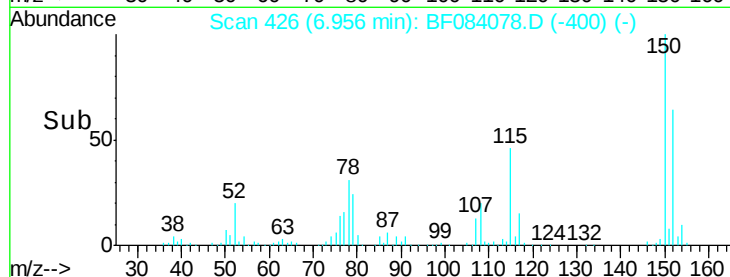
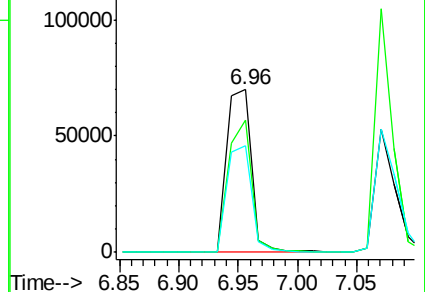
77 65.5 50.0 75.0



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: 37.95 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

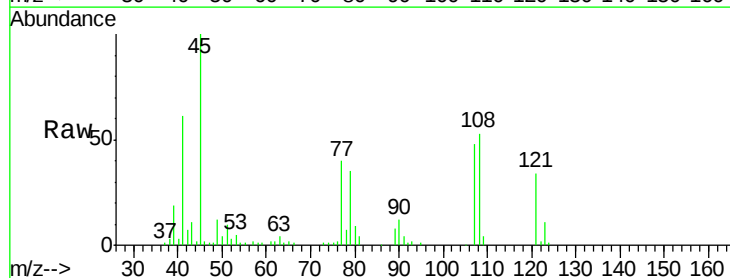
Tgt Ion: 45 Resp: 103295

Ion Ratio Lower Upper

45 100

77 40.4 0.0 39.6#

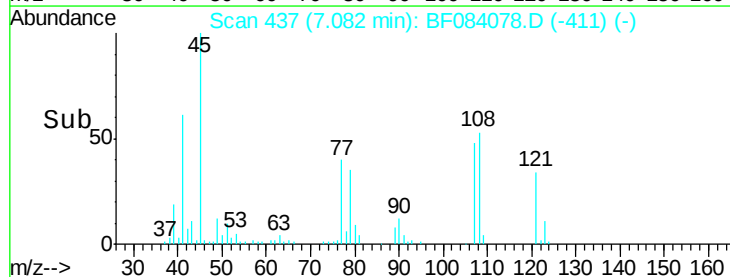
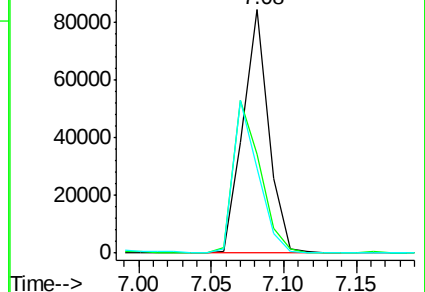
79 34.8 0.0 35.0

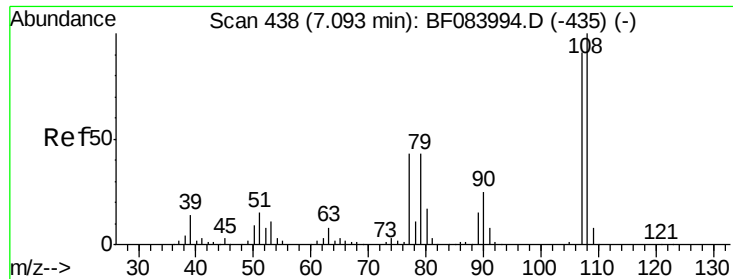


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.32 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 97852

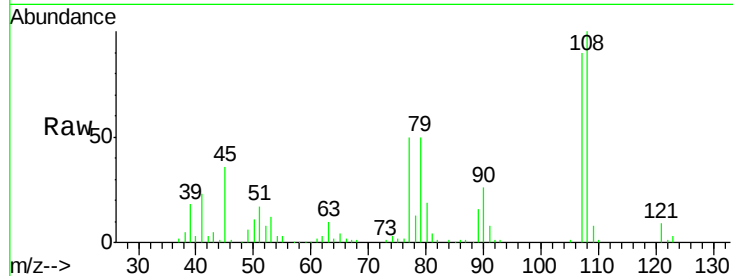
Ion Ratio Lower Upper

107 100

108 110.5 89.8 134.6

77 55.7 35.7 53.5#

79 55.8 35.7 53.5#

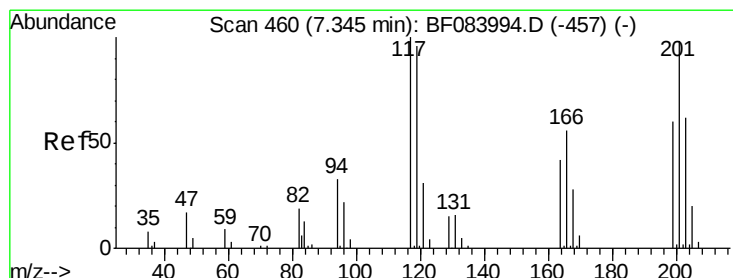
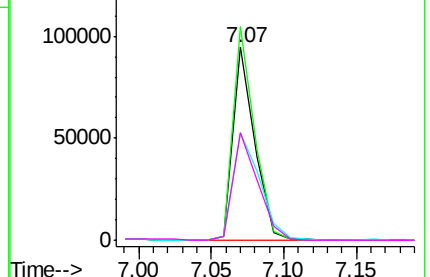
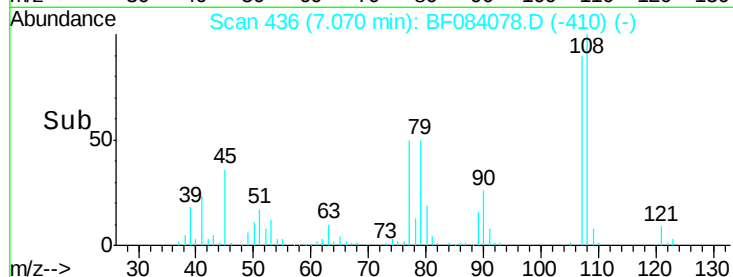


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.92 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

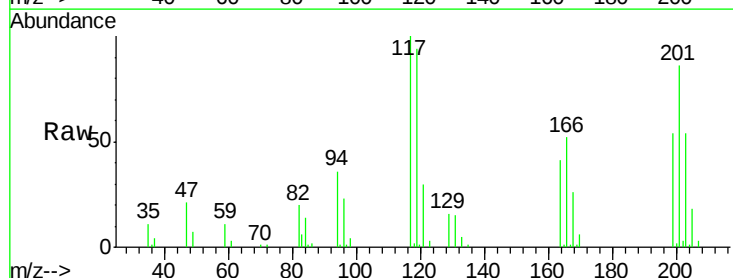
Tgt Ion:117 Resp: 54582

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.0

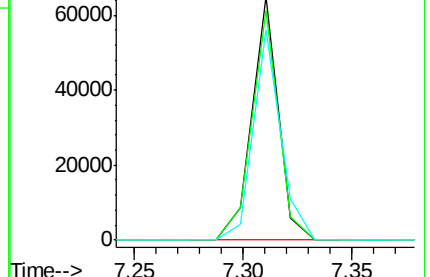
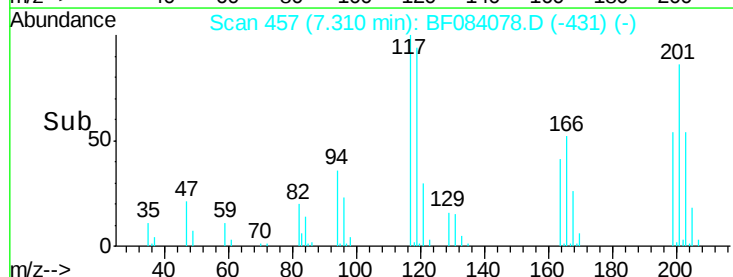
201 86.3 68.6 103.0

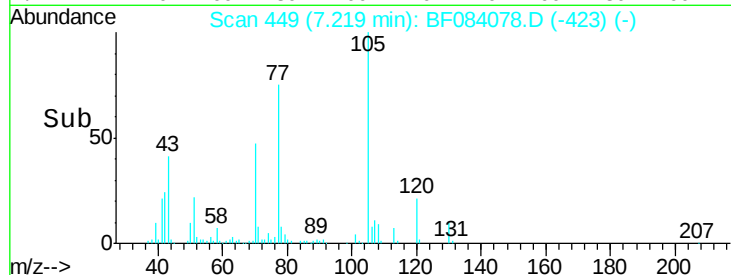
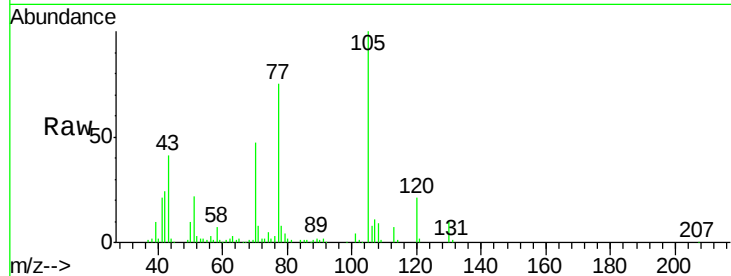
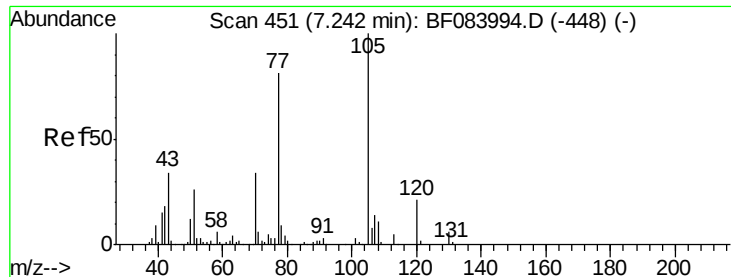


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

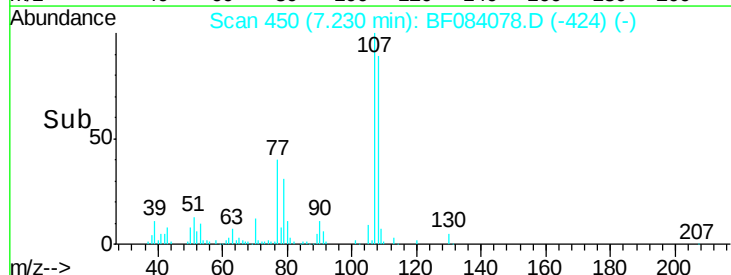
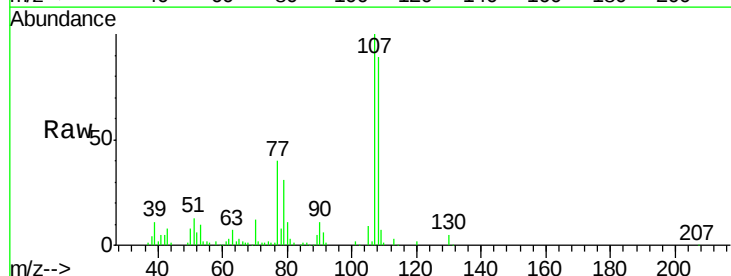
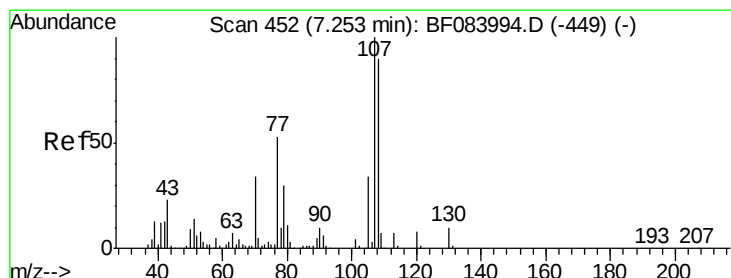
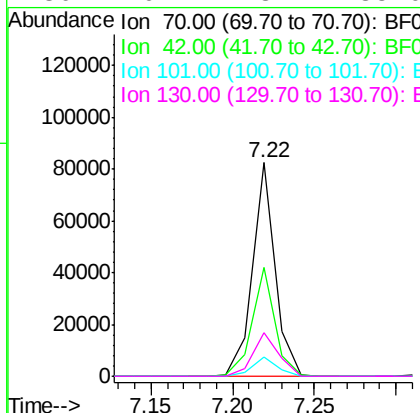




#19
n-Nitroso-di-n-propylamine
Concen: 41.11 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

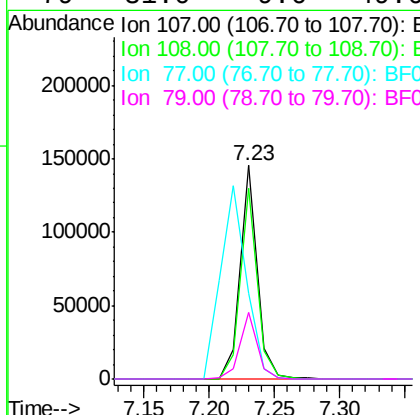
Instrument :
BNA_F
ClientSampleId :

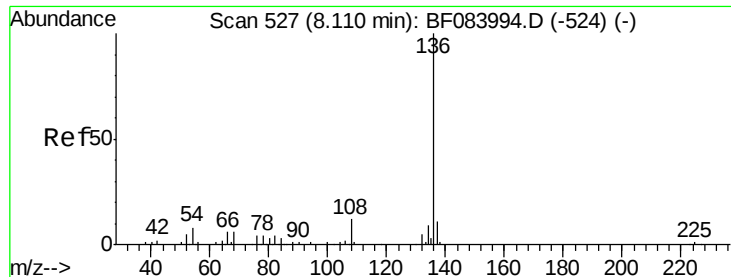
Tot Ion: 70 Resp: 79458
Ion Ratio Lower Upper
70 100
42 50.9 33.3 49.9#
101 9.3 9.3 13.9#
130 20.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:107 Resp: 131272
Ion Ratio Lower Upper
107 100
108 89.1 64.1 104.1
77 40.2 128.9 168.9#
79 31.0 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 188170

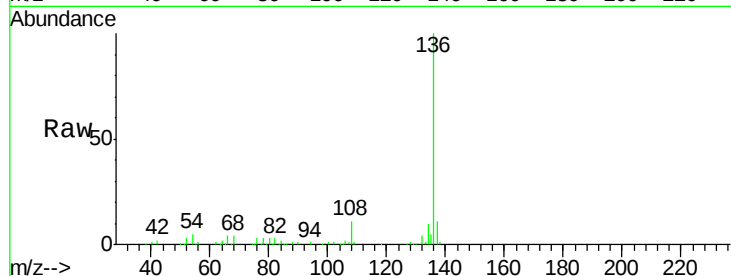
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.1 5.8 8.8#

68 3.6 4.2 6.2#

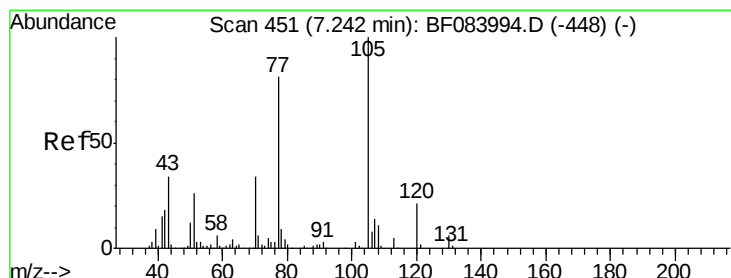
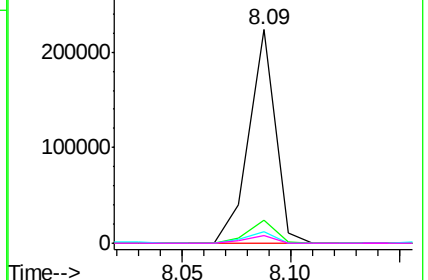
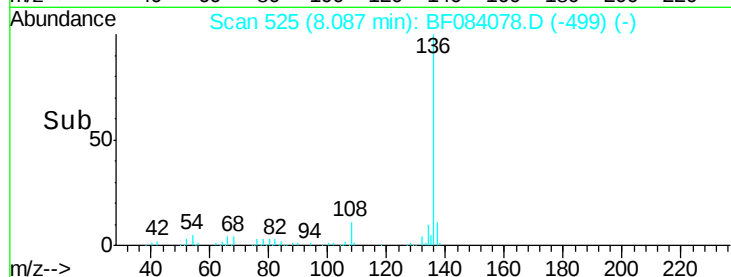


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.31 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Tgt Ion:105 Resp: 186817

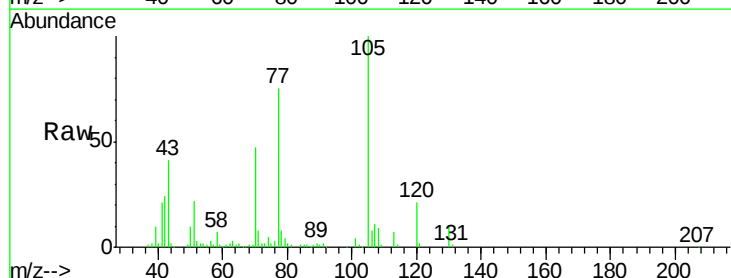
Ion Ratio Lower Upper

105 100

71 7.7 3.7 5.5#

51 22.3 25.1 37.7#

120 21.3 16.6 25.0

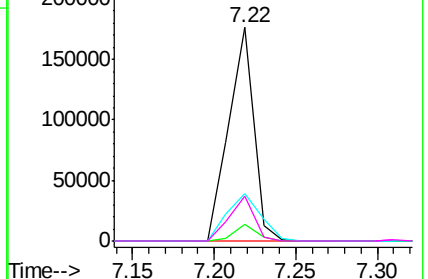
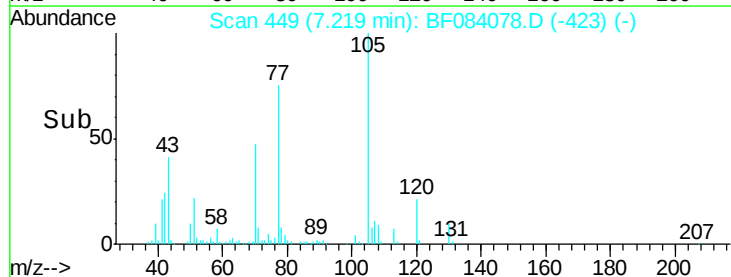


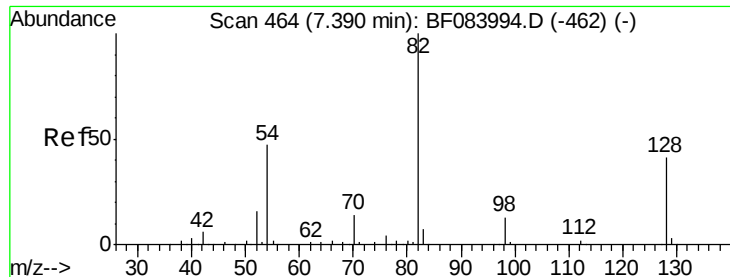
Abundance Ion 105.00 (104.70 to 105.70): E

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

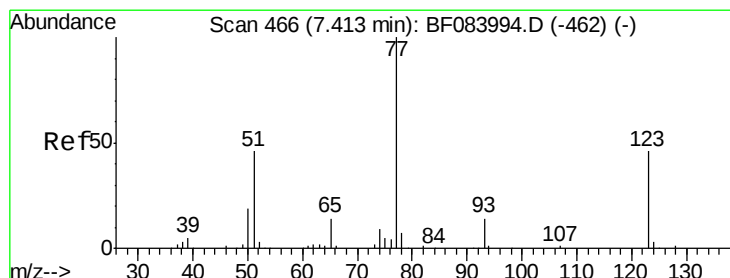
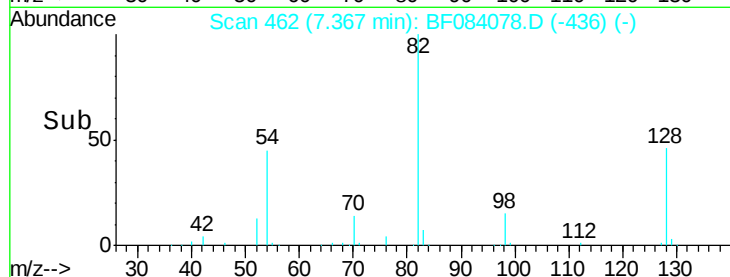
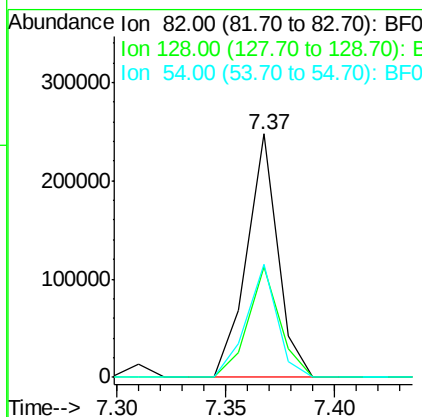
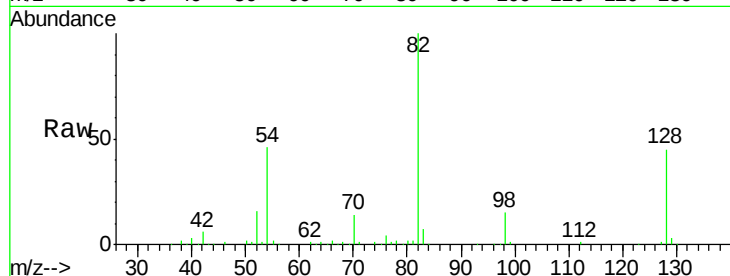




#23
 Nitrobenzene-d5
 Concen: 79.95 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

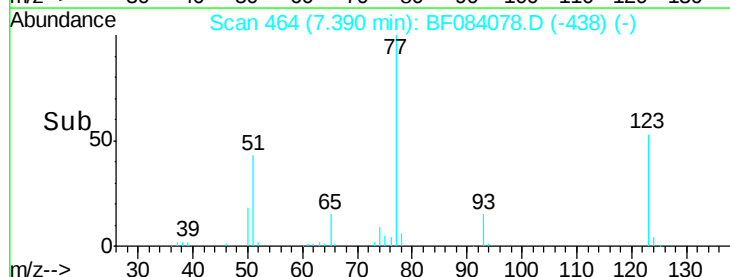
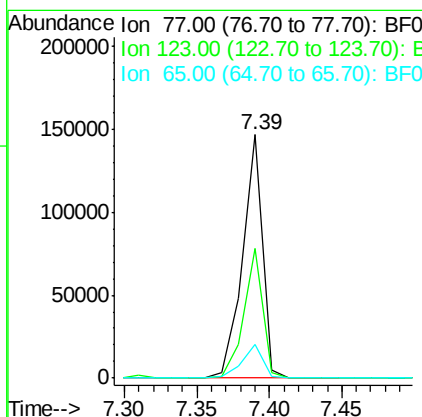
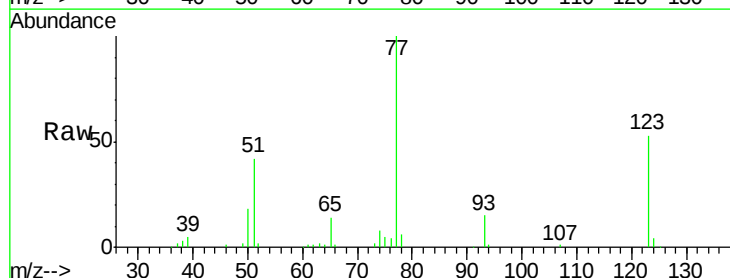
Instrument :
 BNA_F
 ClientSampleId :

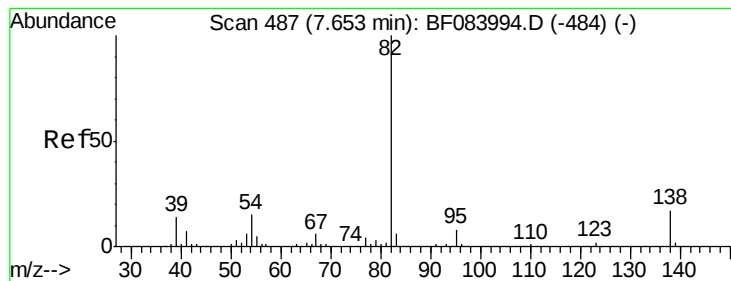
Tot Ion	82	Resp	244897
Ion Ratio	100	Lower	Upper
128	45.5	34.6	51.8
54	46.3	38.4	57.6



#24
 Nitrobenzene
 Concen: 44.46 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion	77	Resp	140364
Ion Ratio	100	Lower	Upper
123	53.3	37.4	56.2
65	13.7	10.9	16.3





#25

Isophorone

Concen: 40.46 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

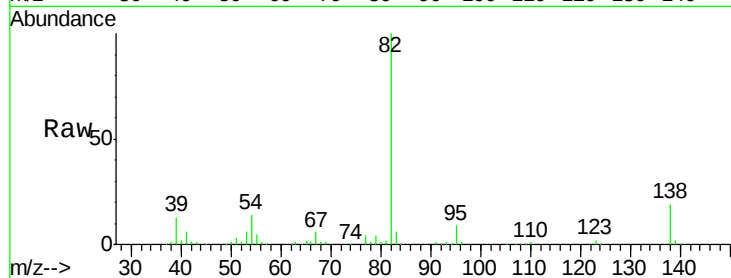
Tot Ion: 82 Resp: 234810

Ion Ratio Lower Upper

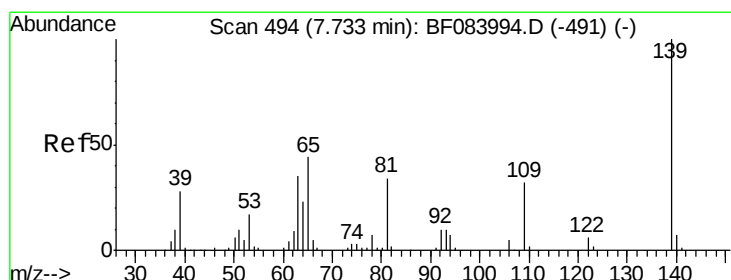
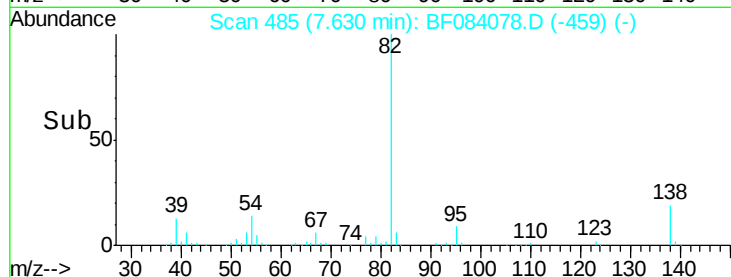
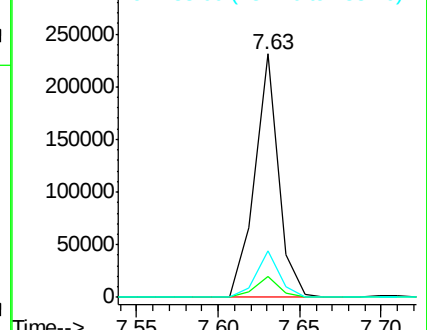
82 100

95 8.8 6.6 10.0

138 18.9 13.6 20.4



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: 40.81 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

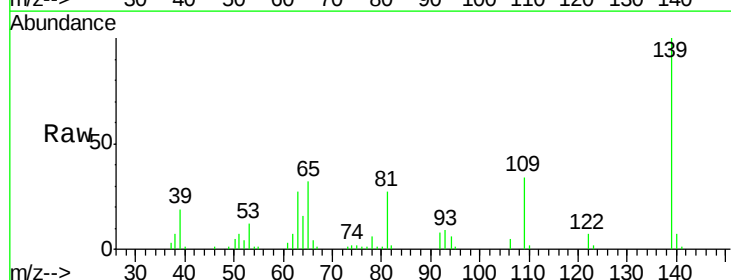
Tgt Ion: 139 Resp: 69332

Ion Ratio Lower Upper

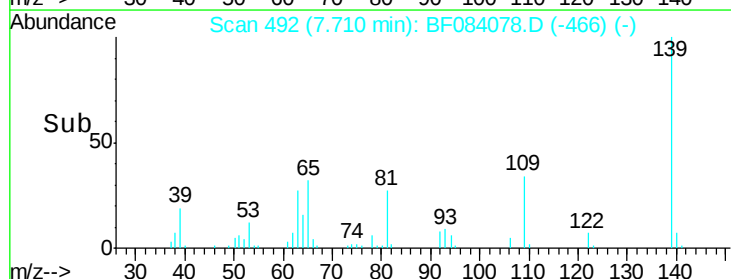
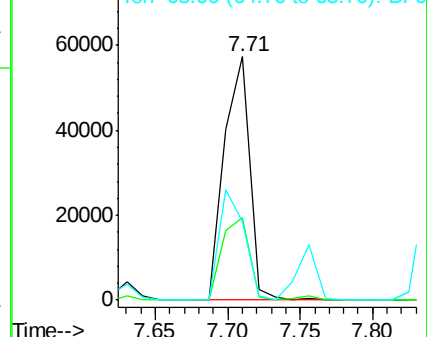
139 100

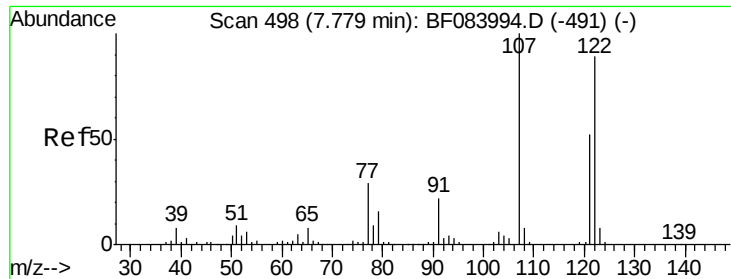
109 33.6 25.4 38.2

65 32.1 32.3 48.5#



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: 41.41 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

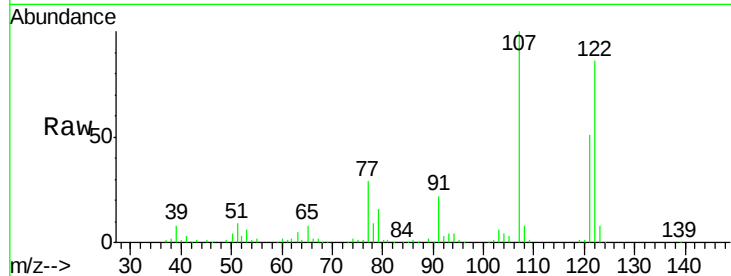
Tot Ion:122 Resp: 122624

Ion Ratio Lower Upper

122 100

107 115.8 99.1 148.7

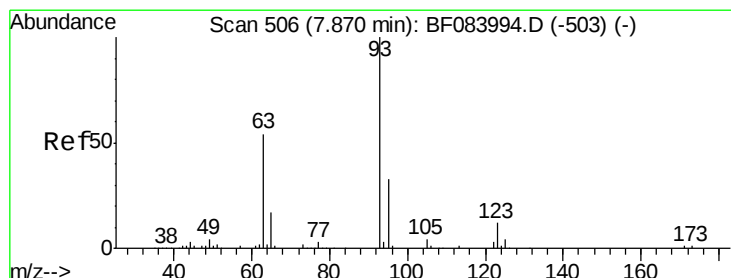
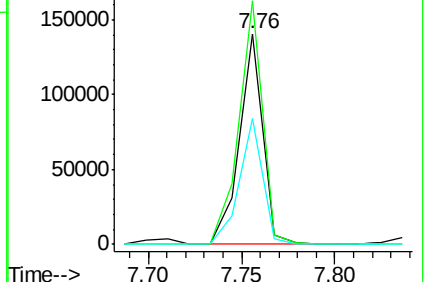
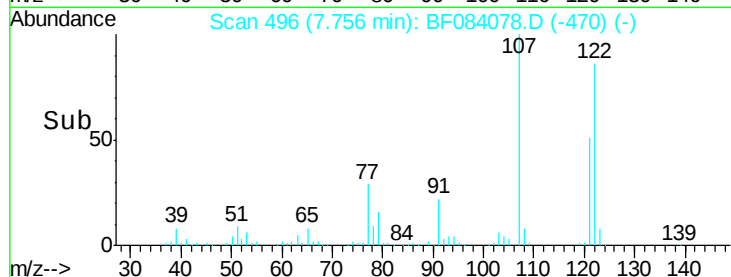
121 59.6 47.9 71.9



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: 34.00 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

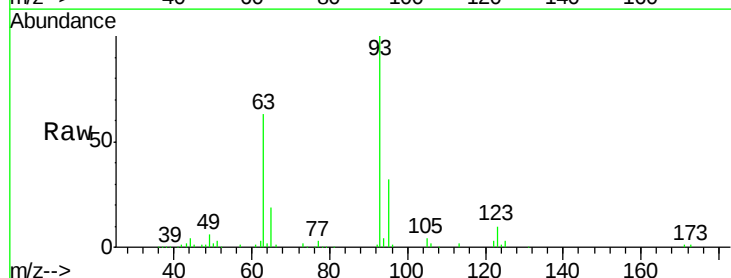
Tgt Ion: 93 Resp: 122231

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

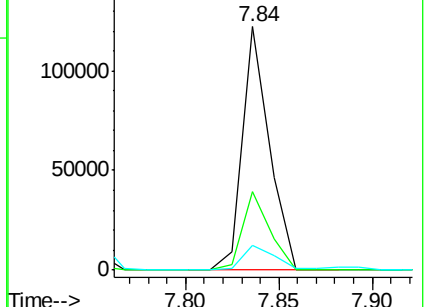
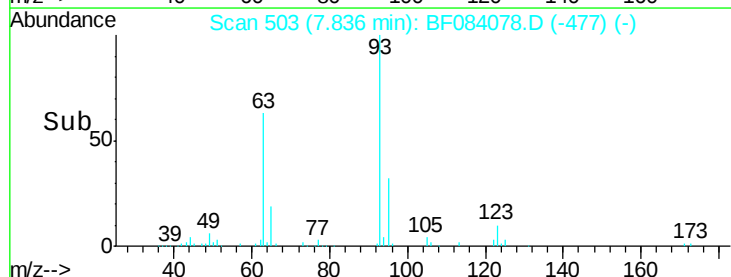
123 10.4 8.6 12.8

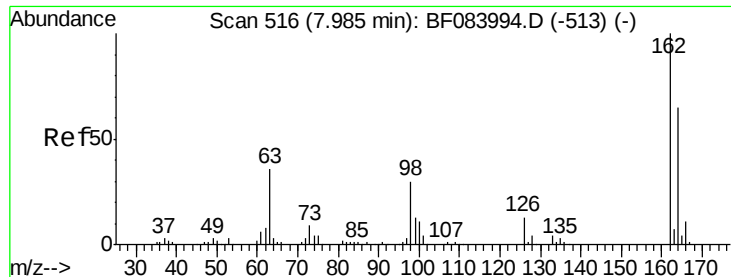


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

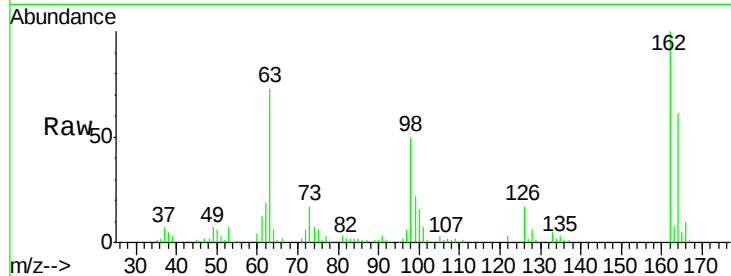




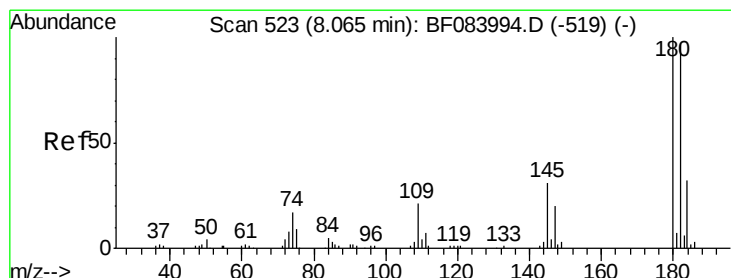
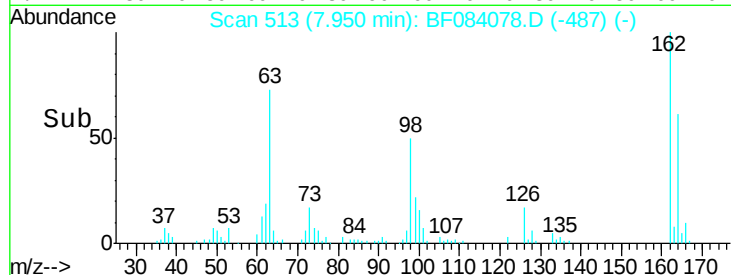
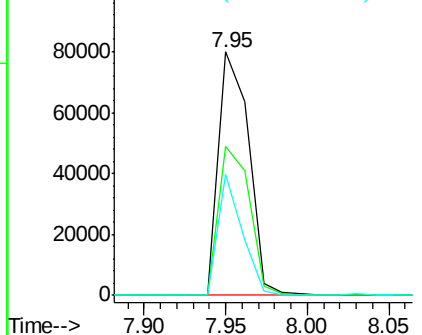
#29
 2,4-Dichlorophenol
 Concen: 38.55 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 101975
 Ion Ratio Lower Upper
 162 100
 164 61.2 44.1 84.1
 98 49.6 20.2 60.2

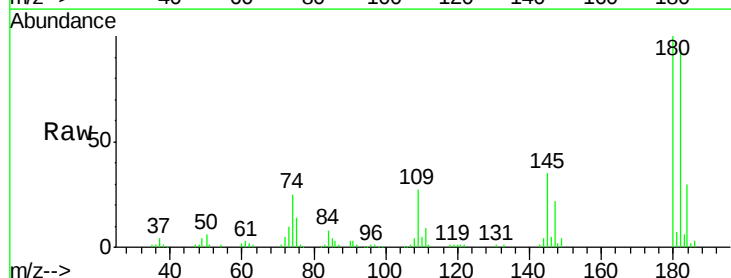


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

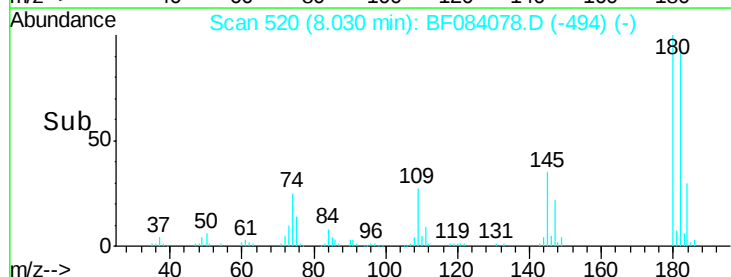
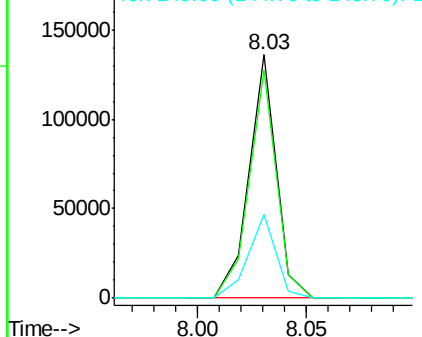


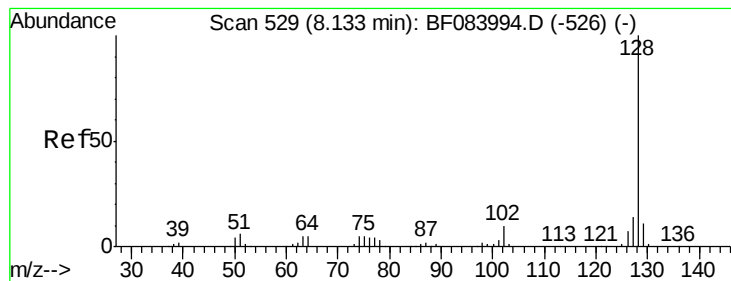
#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:180 Resp: 118517
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.4 114.6
 145 34.5 31.6 47.4



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





#31

Naphthalene

Concen: 41.67 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

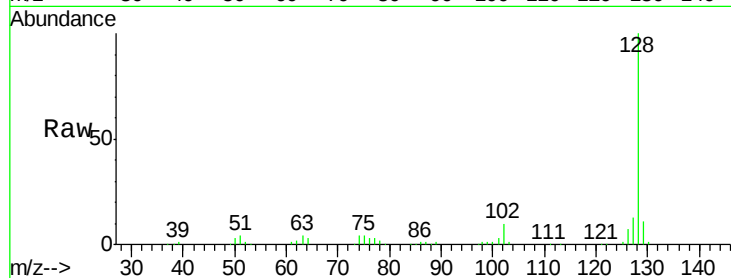
Tot Ion:128 Resp: 400570

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

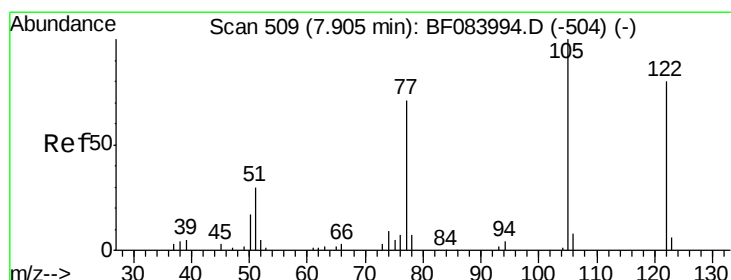
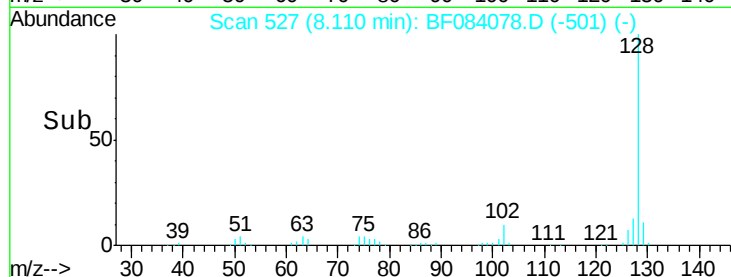
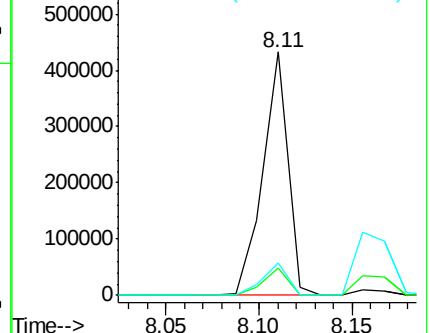
127 13.4 11.1 16.7



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: 40.37 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

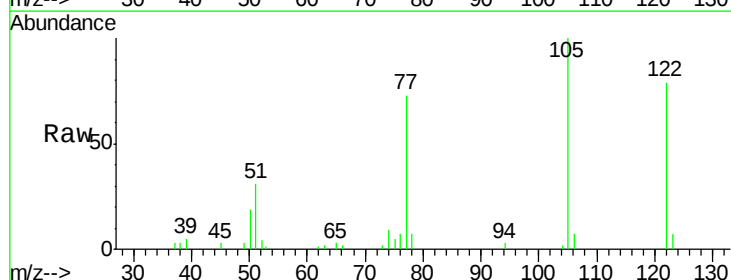
Tgt Ion:122 Resp: 50682

Ion Ratio Lower Upper

122 100

105 126.0 100.3 140.3

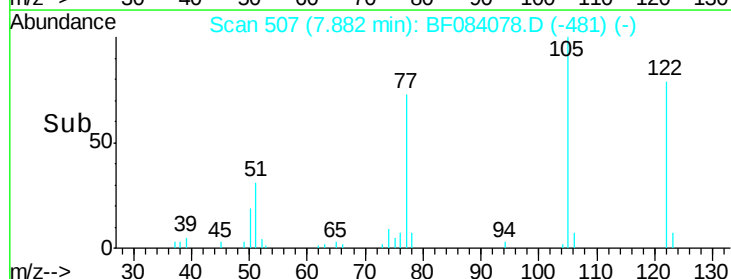
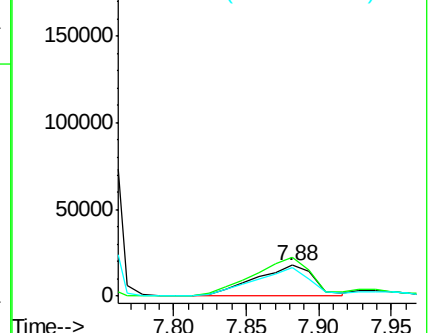
77 91.7 63.5 103.5

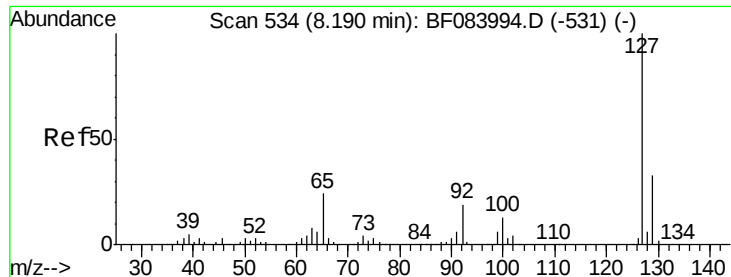


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

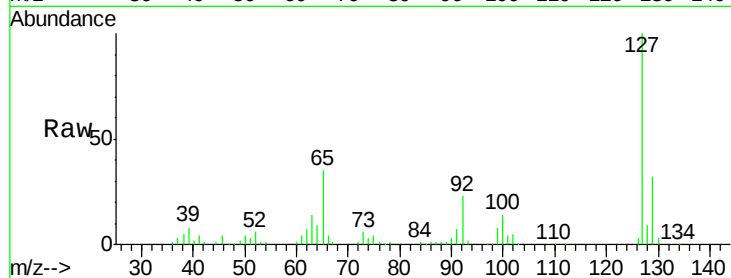




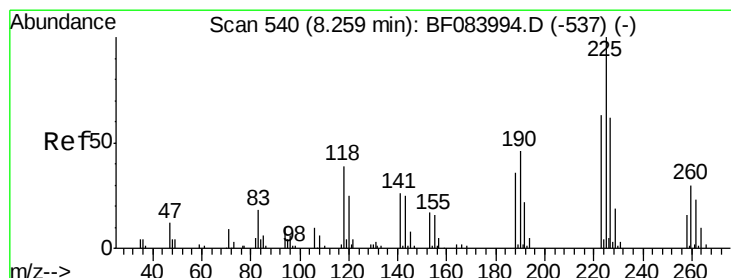
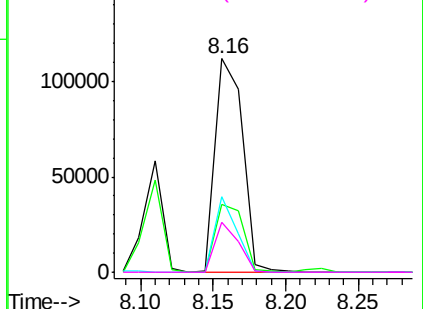
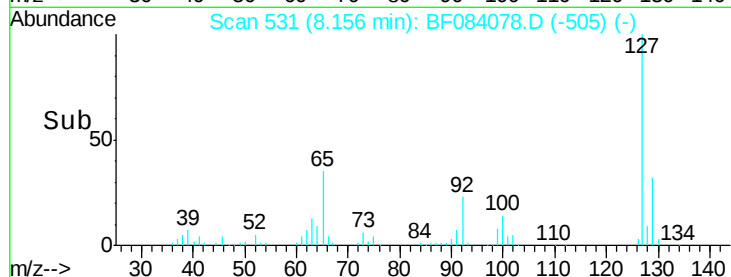
#33
4-Chloroaniline
Concen: 37.41 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 147074
Ion Ratio Lower Upper
127 100
129 31.7 26.5 39.7
65 35.2 27.2 40.8
92 23.3 17.7 26.5

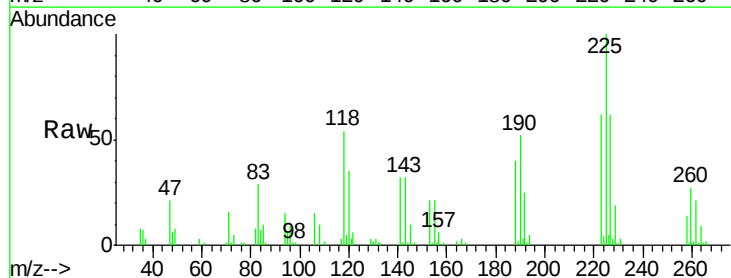


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

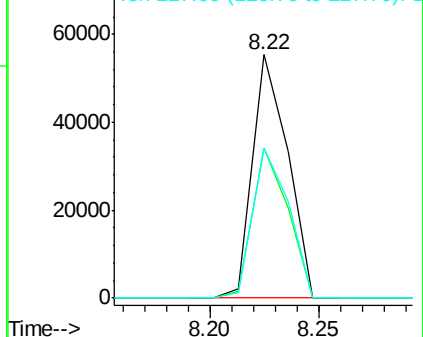
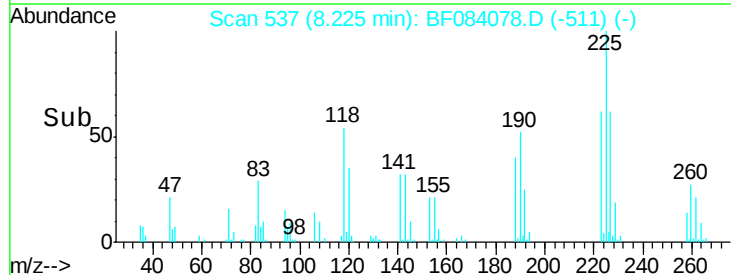


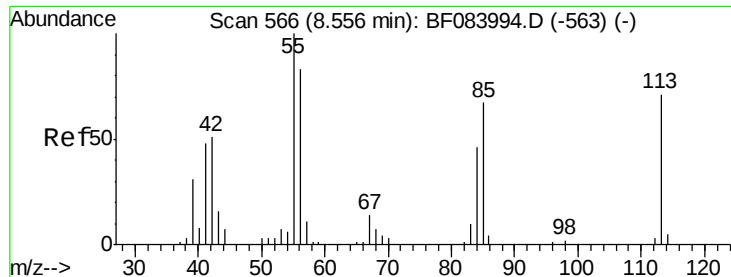
#34
Hexachlorobutadiene
Concen: 37.73 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:225 Resp: 62237
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.0
227 61.9 50.8 76.2



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

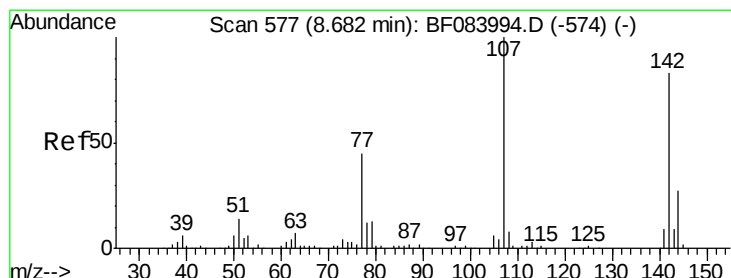
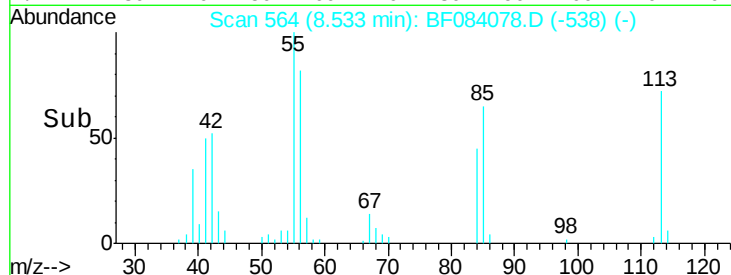
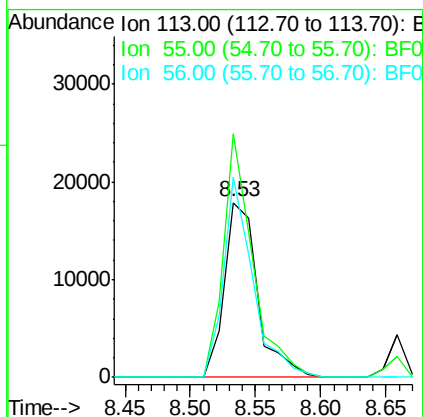
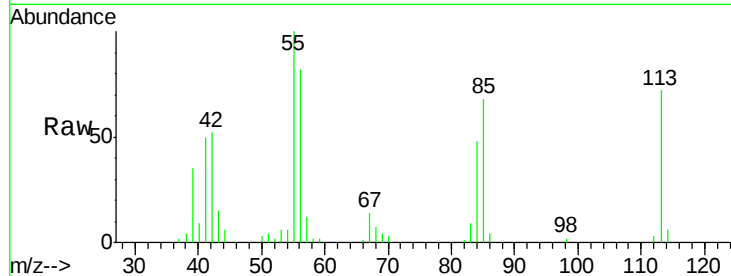




#35
 Caprolactam
 Concen: 39.86 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

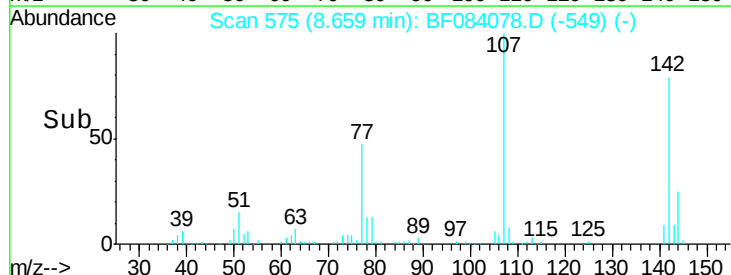
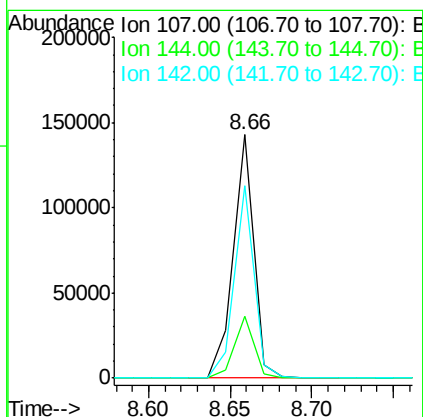
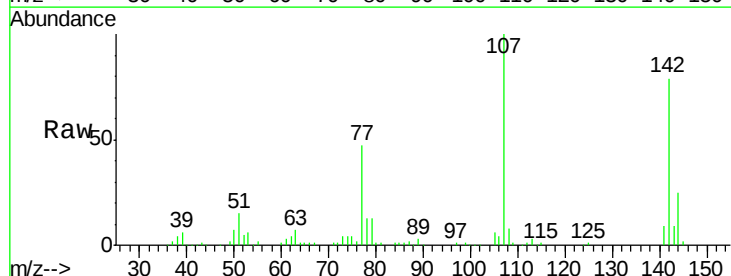
Instrument :
 BNA_F
 ClientSampleId :

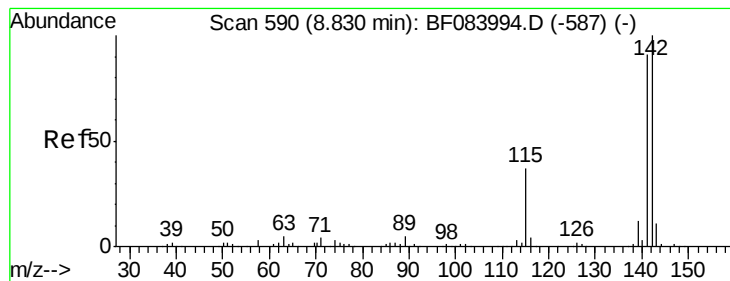
Tot Ion:113 Resp: 31687
 Ion Ratio Lower Upper
 113 100
 55 139.1 116.9 156.9
 56 114.3 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.67 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:107 Resp: 123569
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.7 29.5
 142 79.3 61.8 92.6





#37

2-Methylnaphthalene

Concen: 36.78 ng

RT: 8.80 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

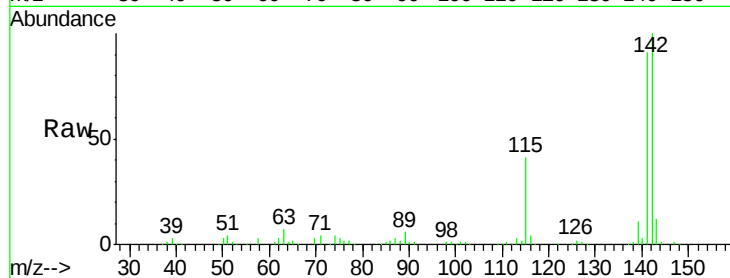
Tot Ion:142 Resp: 228981

Ion Ratio Lower Upper

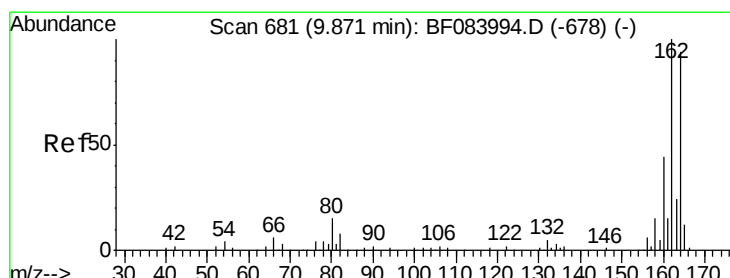
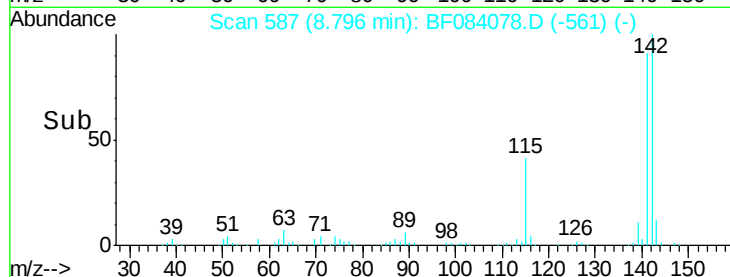
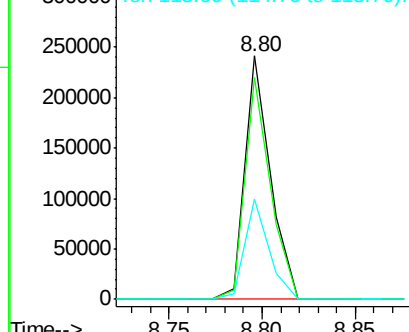
142 100

141 91.2 72.4 108.6

115 41.3 27.9 41.9



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: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

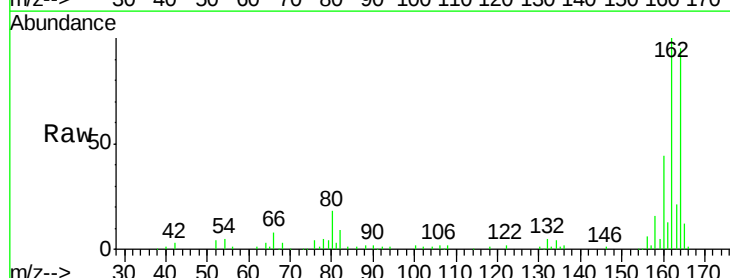
Tgt Ion:164 Resp: 86458

Ion Ratio Lower Upper

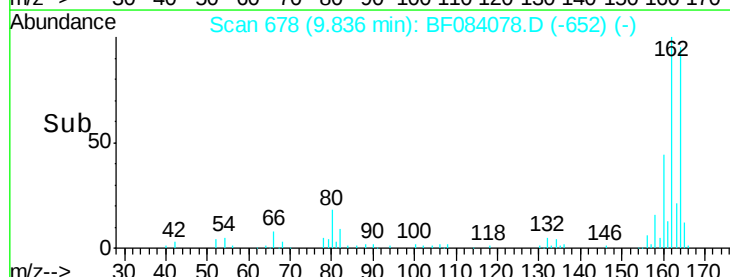
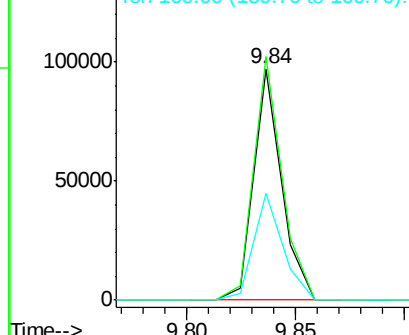
164 100

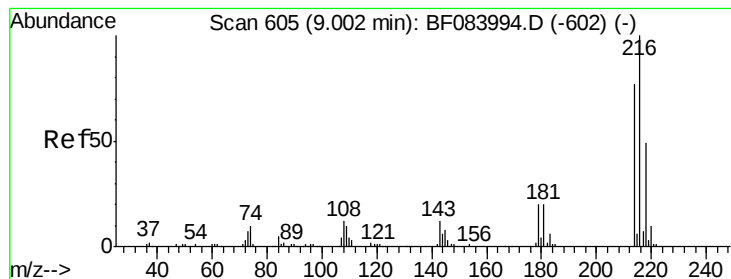
162 105.2 85.1 127.7

160 46.1 37.5 56.3



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: 42.63 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 110794

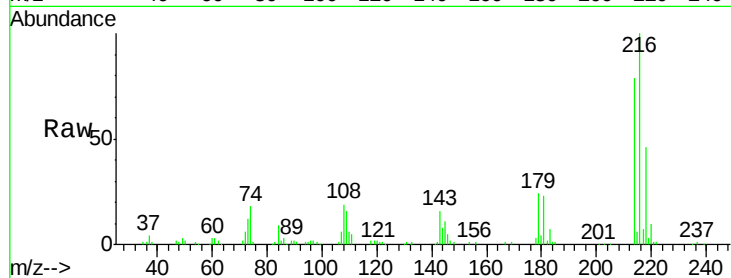
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 23.8 18.7 28.1

108 21.2 16.8 25.2

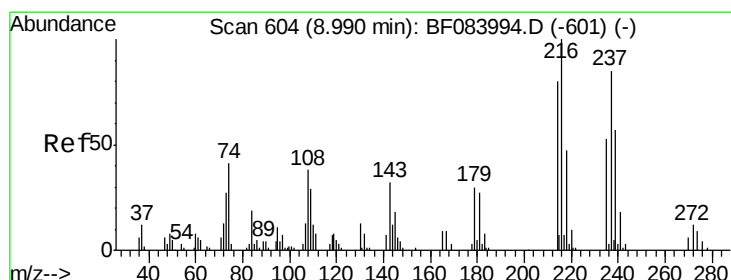
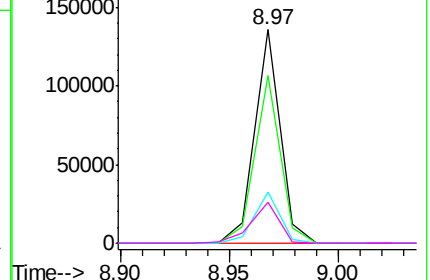
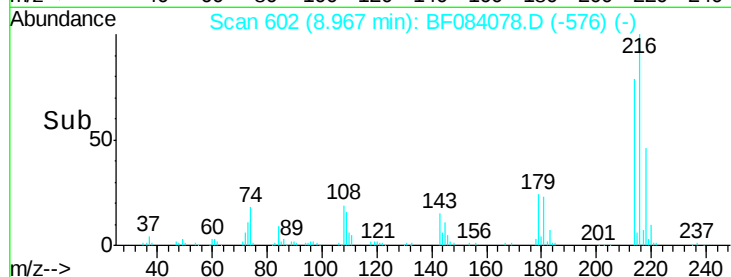


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.13 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

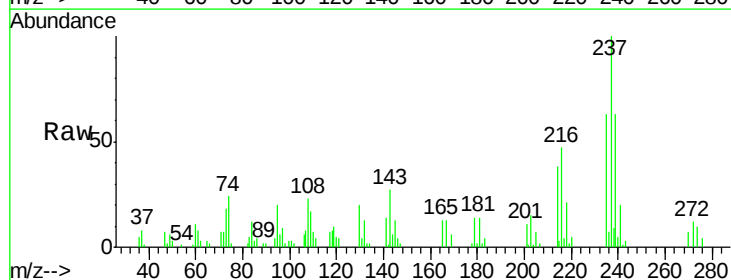
Tgt Ion:237 Resp: 21836

Ion Ratio Lower Upper

237 100

235 63.1 43.1 83.1

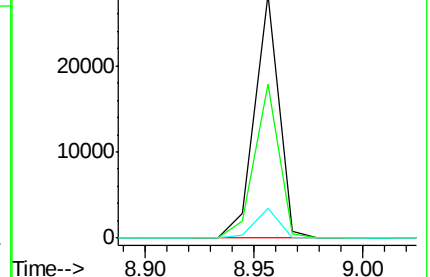
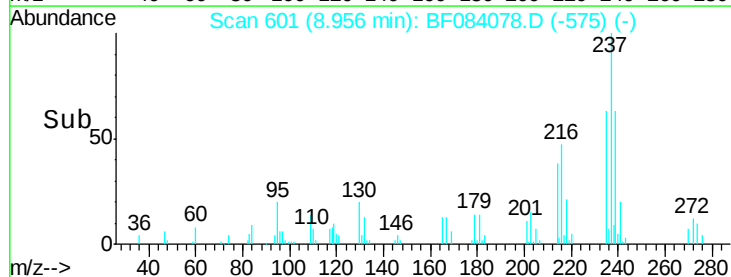
272 12.2 0.0 35.1

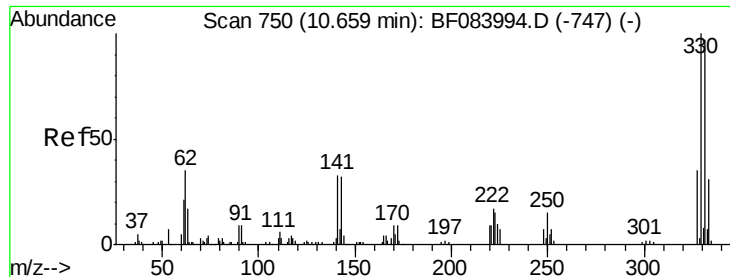


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

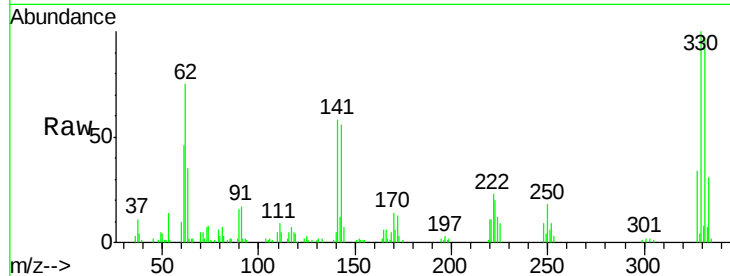




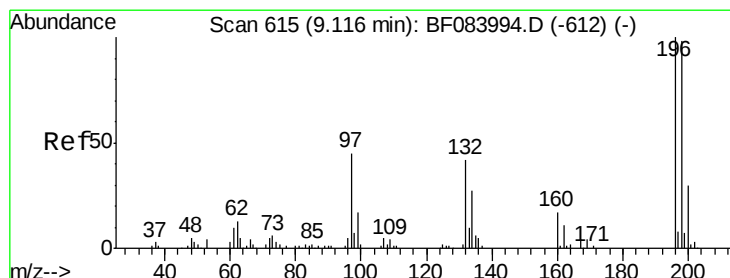
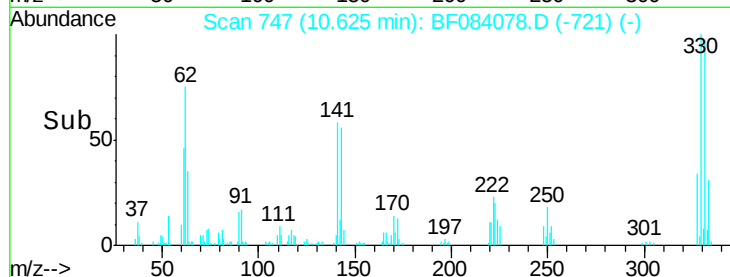
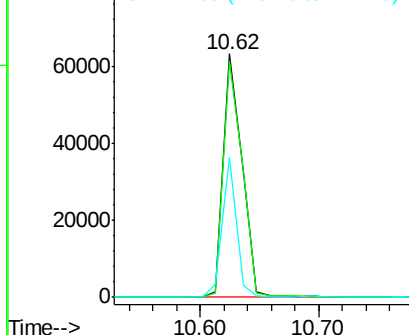
#41
 2,4,6-Tribromophenol
 Concen: 82.18 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 68342
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 43.4 27.8 41.6#

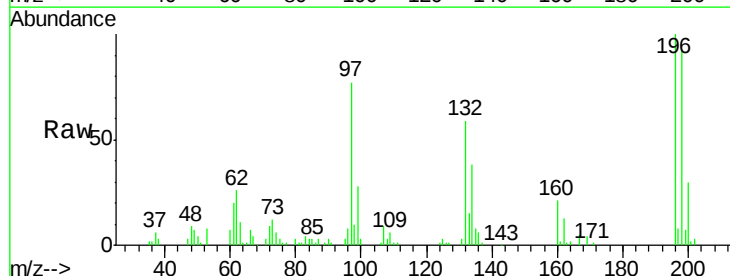


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

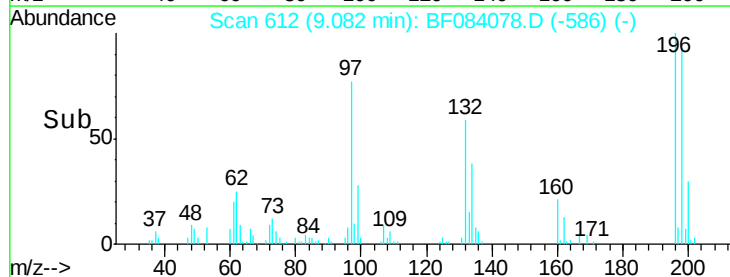
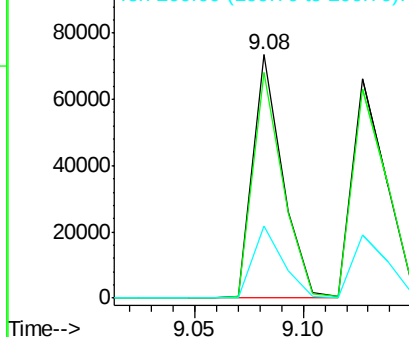


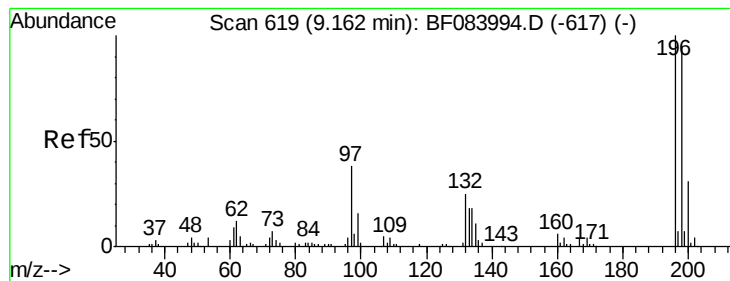
#42
 2,4,6-Trichlorophenol
 Concen: 44.83 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:196 Resp: 70161
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.7 116.5
 200 29.8 24.6 37.0



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





#43

2,4,5-Trichlorophenol

Concen: 44.39 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 72313

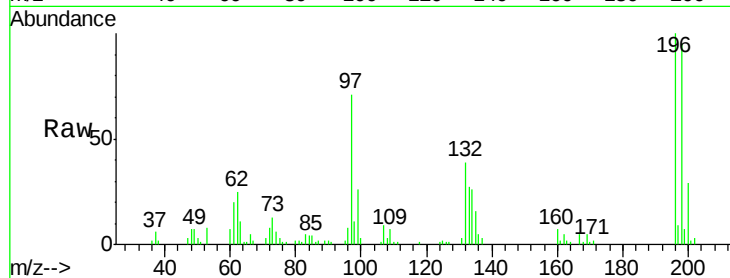
Ion Ratio Lower Upper

196 100

198 95.2 79.0 118.6

97 71.1 33.0 49.6#

132 38.7 21.1 31.7#

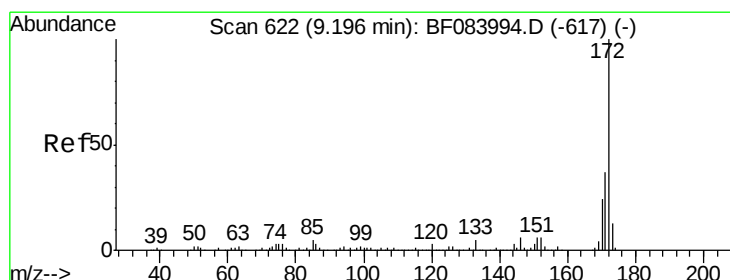
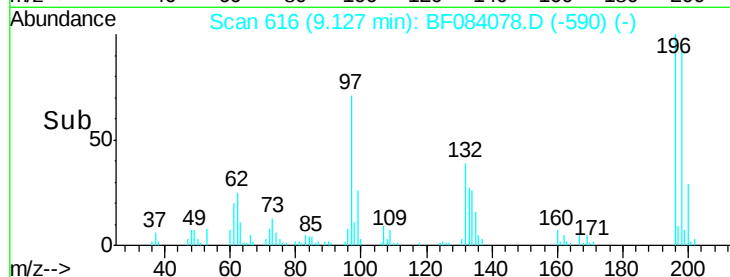
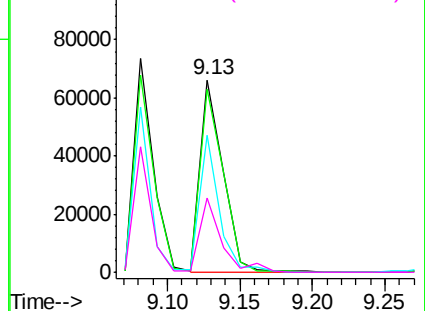


Abundance Ion 196.00 (195.70 to 196.70): E

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: 74.76 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

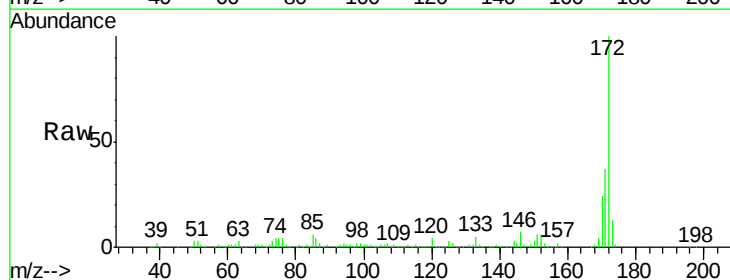
Tgt Ion:172 Resp: 480256

Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

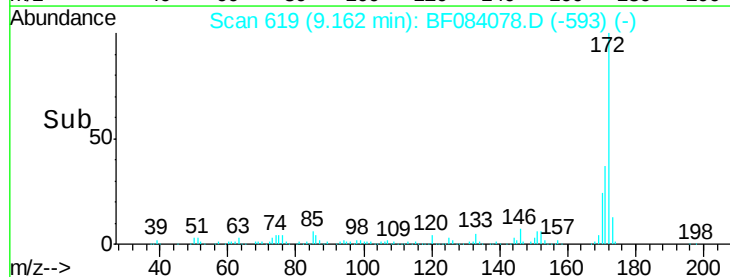
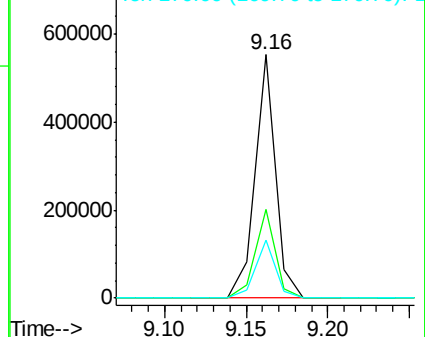
170 23.8 18.6 27.8

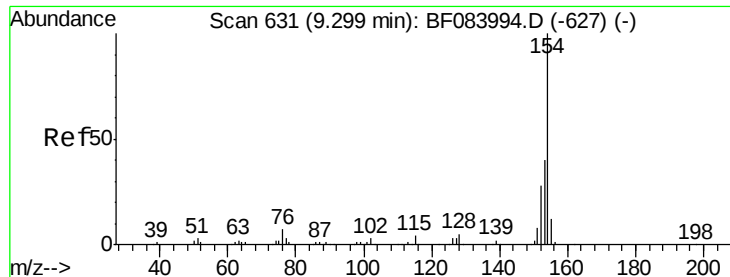


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.26 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

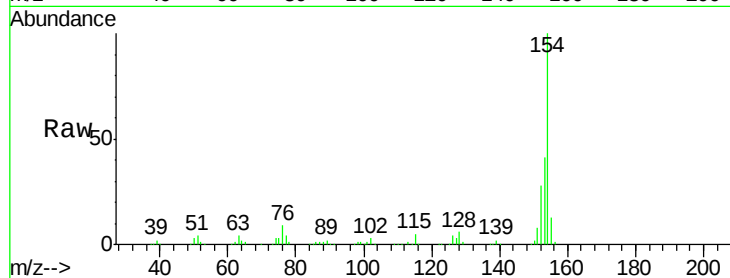
Tot Ion:154 Resp: 330633

Ion Ratio Lower Upper

154 100

153 40.9 21.6 61.6

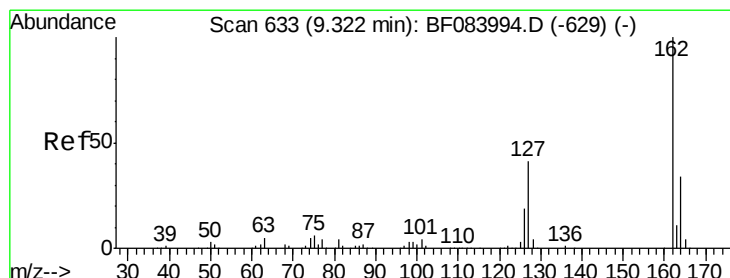
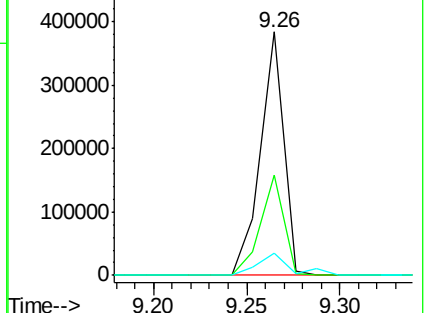
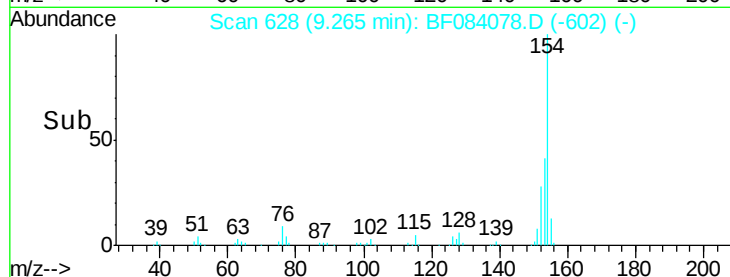
76 8.9 0.0 32.7



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: 44.09 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

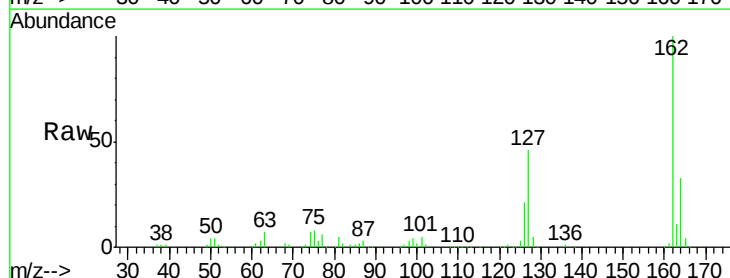
Tgt Ion:162 Resp: 242599

Ion Ratio Lower Upper

162 100

127 46.3 40.2 60.4

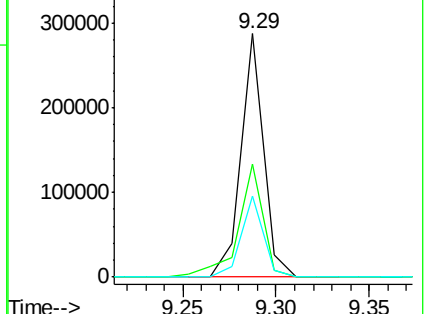
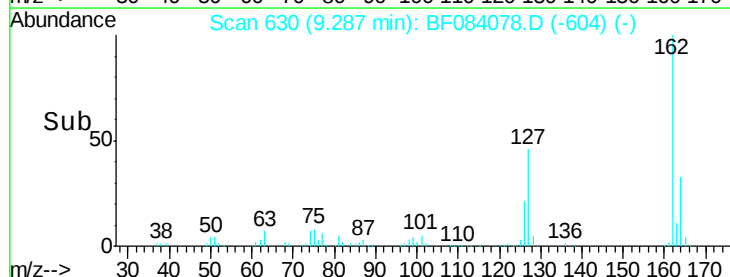
164 33.2 25.7 38.5

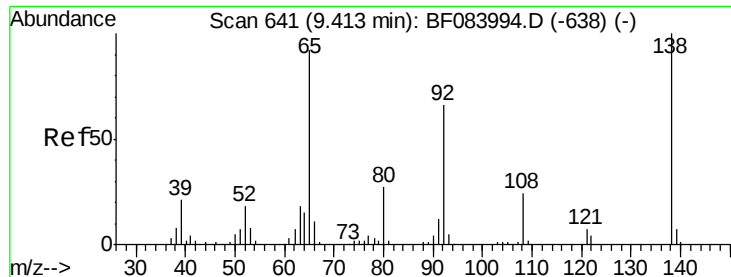


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

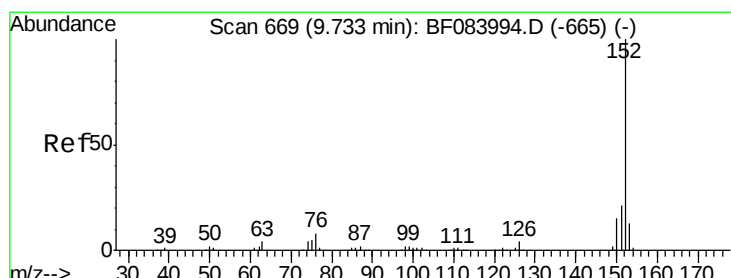
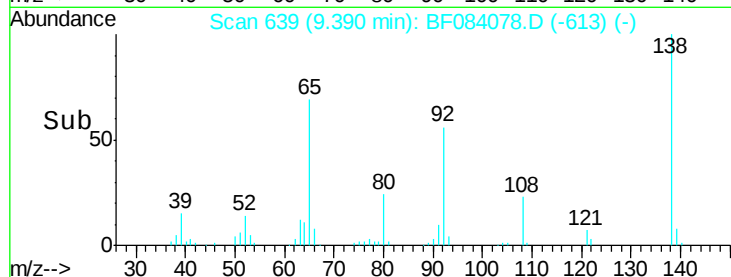
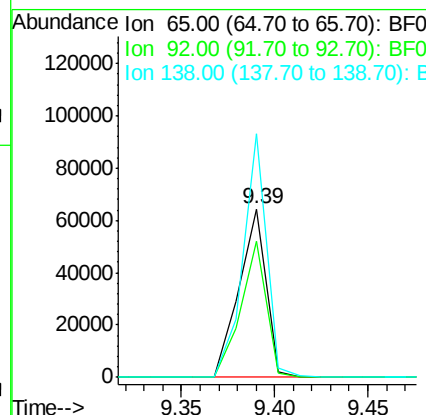
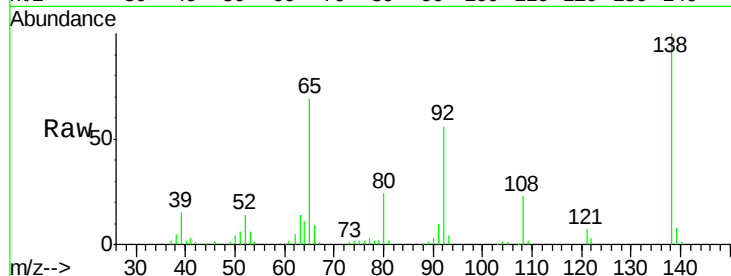




#47
2-Nitroaniline
Concen: 43.85 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

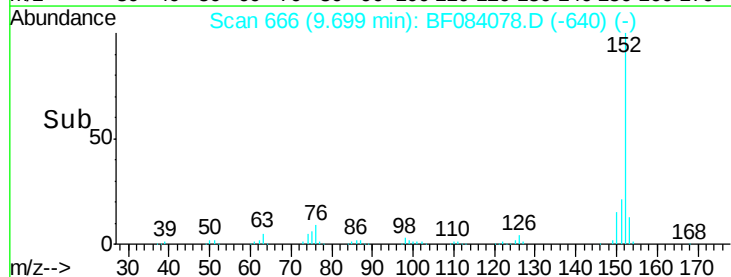
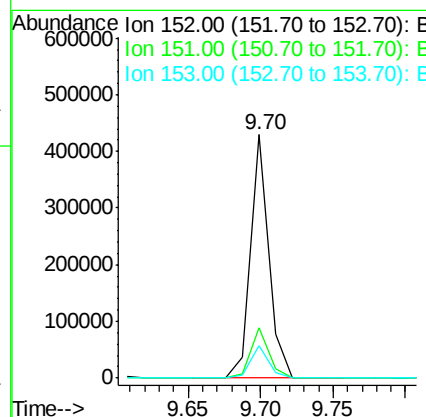
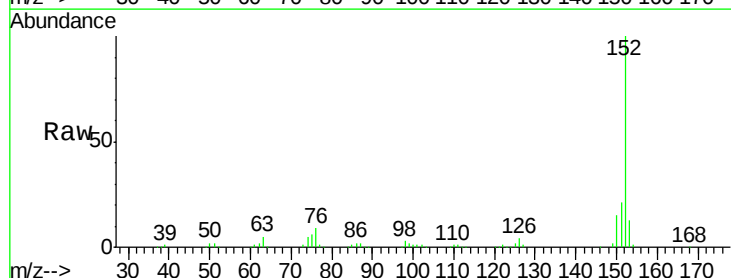
Instrument :
BNA_F
ClientSampleId :

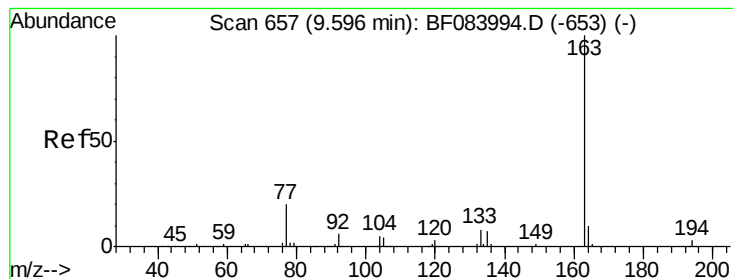
Tot Ion: 65 Resp: 65772
Ion Ratio Lower Upper
65 100
92 80.8 53.4 80.2#
138 144.5 71.1 106.7#



#48
Acenaphthylene
Concen: 42.82 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion: 152 Resp: 373086
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.4 15.6





#49

Dimethylphthalate

Concen: 41.21 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampled :

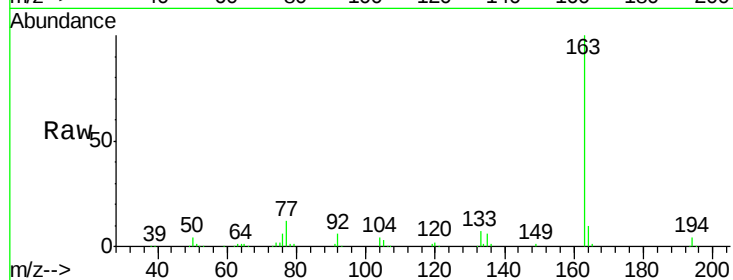
Tot Ion:163 Resp: 278831

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

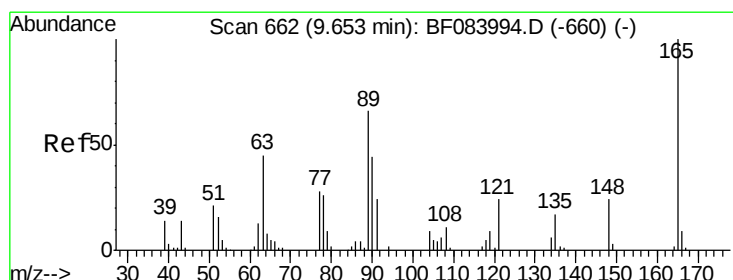
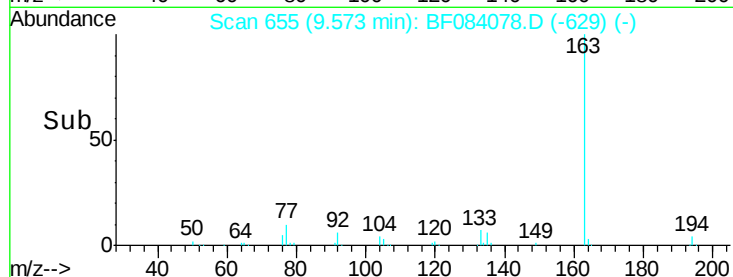
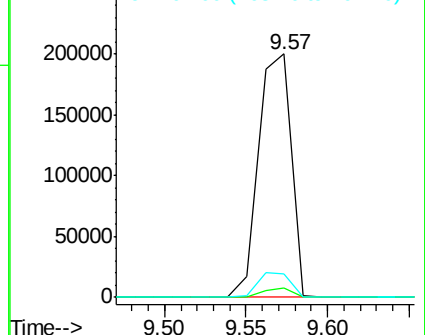
164 9.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.18 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

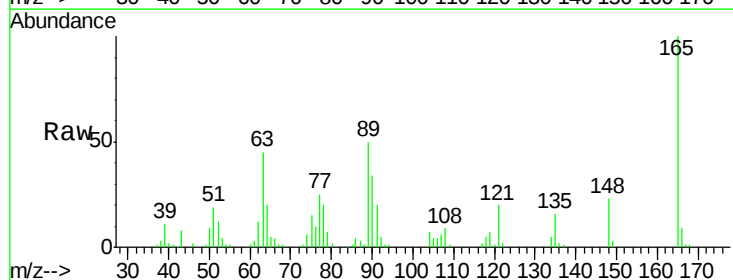
Tgt Ion:165 Resp: 65937

Ion Ratio Lower Upper

165 100

63 45.5 28.8 43.2#

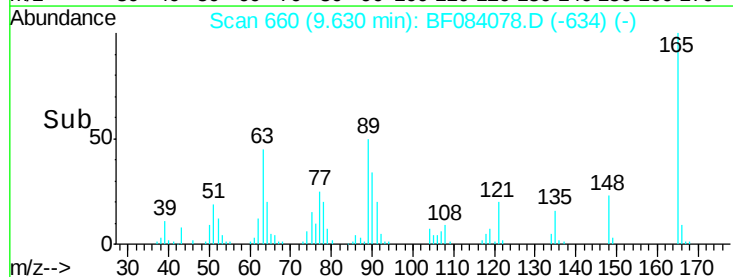
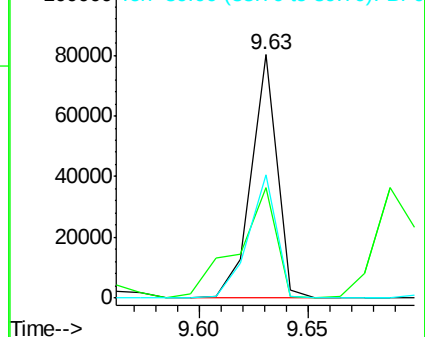
89 50.5 35.1 52.7

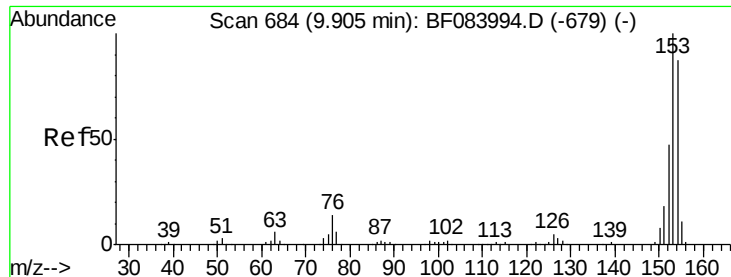


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

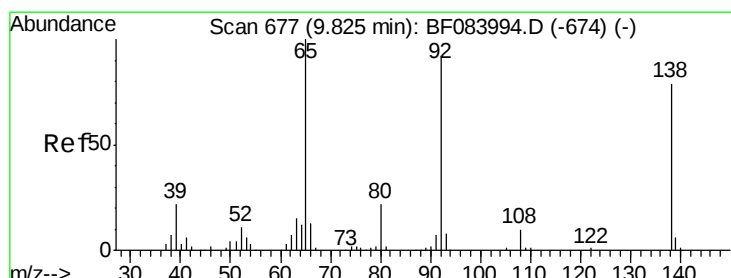
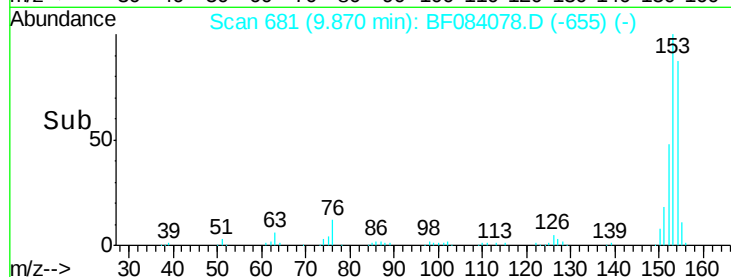
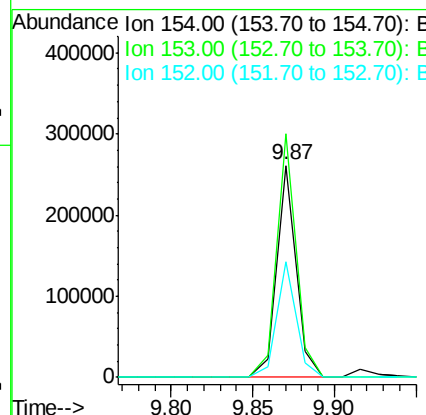
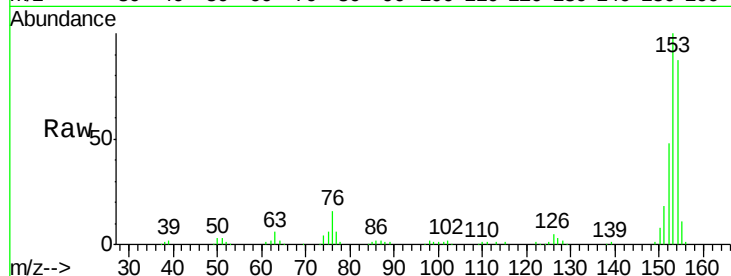




#51
Acenaphthene
Concen: 42.09 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

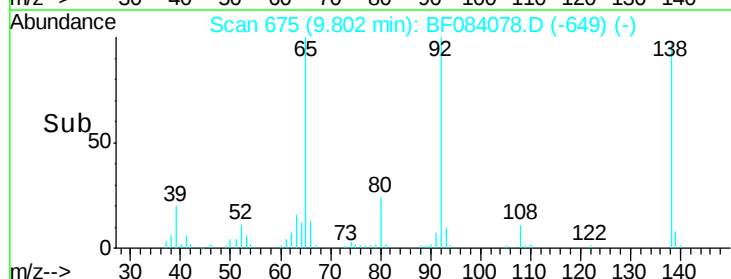
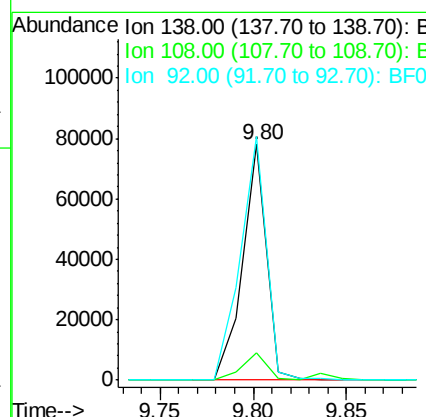
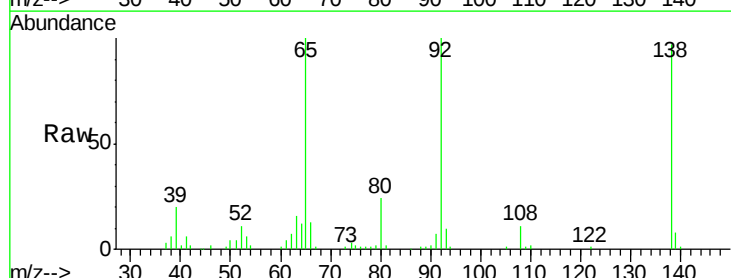
Instrument :
BNA_F
ClientSampleId :

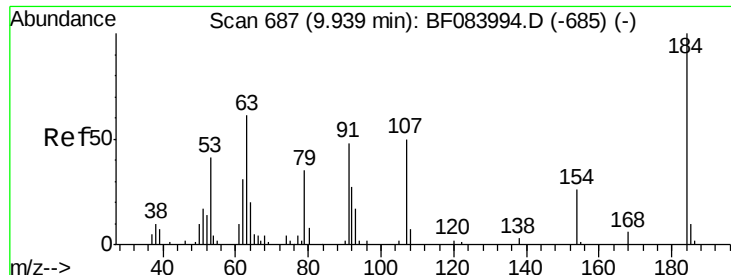
Tot Ion:154 Resp: 218073
Ion Ratio Lower Upper
154 100
153 115.0 91.5 137.3
152 54.7 43.0 64.6



#52
3-Nitroaniline
Concen: 46.09 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:138 Resp: 69902
Ion Ratio Lower Upper
138 100
108 11.5 10.5 15.7
92 103.4 103.9 155.9#

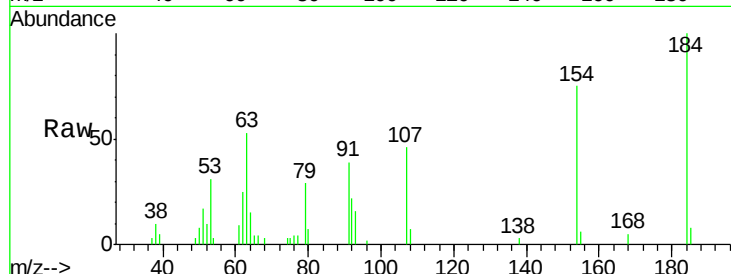




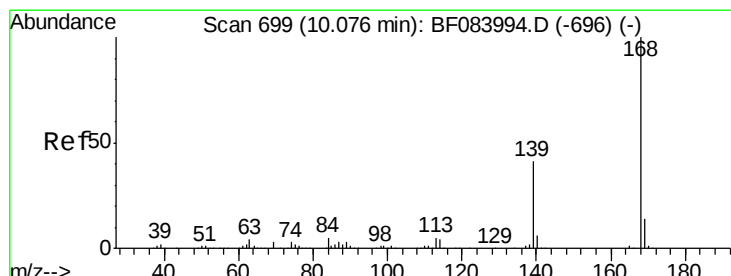
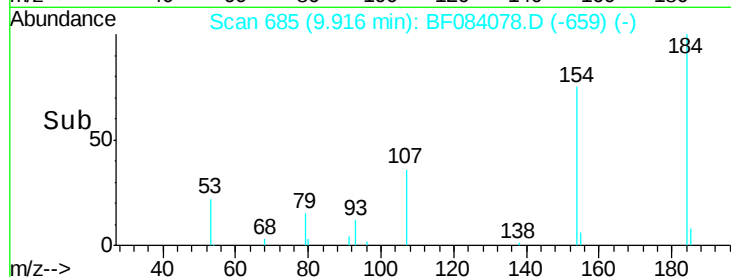
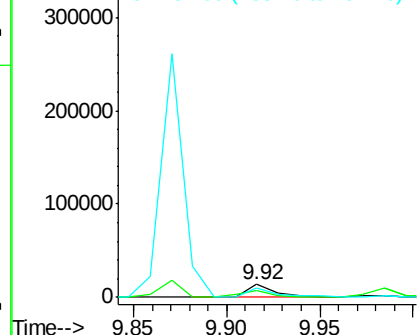
#53
2,4-Dinitrophenol
Concen: 30.81 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 15460
Ion Ratio Lower Upper
184 100
63 52.5 43.1 64.7
154 74.8 60.5 90.7

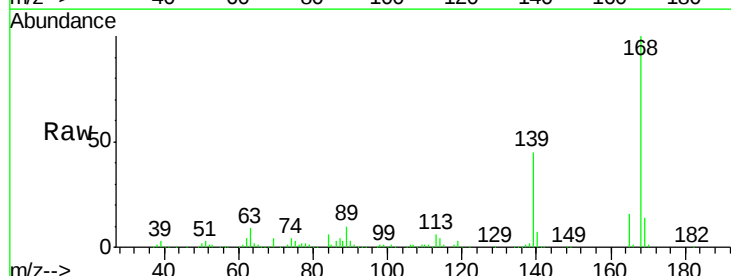


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

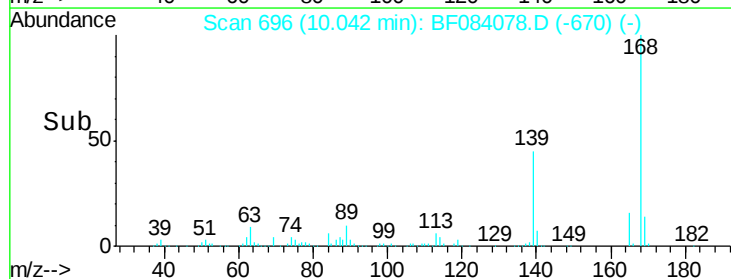
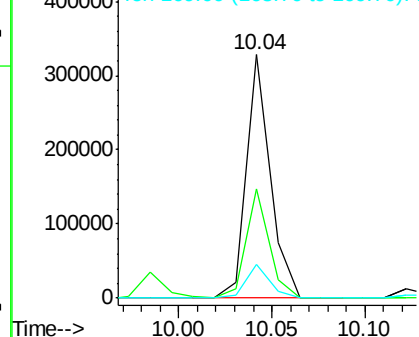


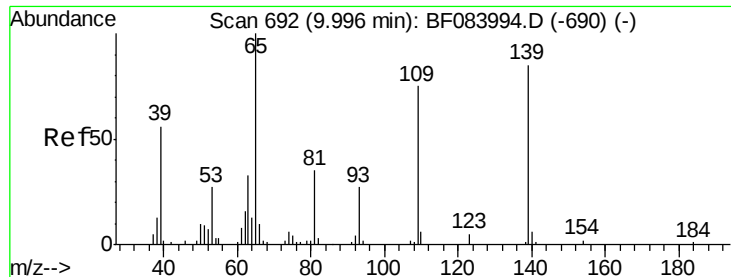
#54
Dibenzofuran
Concen: 37.53 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:168 Resp: 291070
Ion Ratio Lower Upper
168 100
139 45.0 30.5 45.7
169 13.7 10.4 15.6



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: 37.23 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

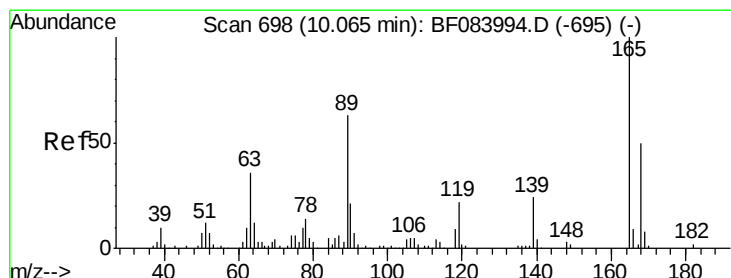
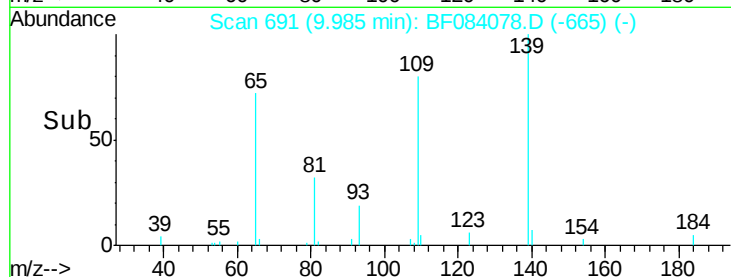
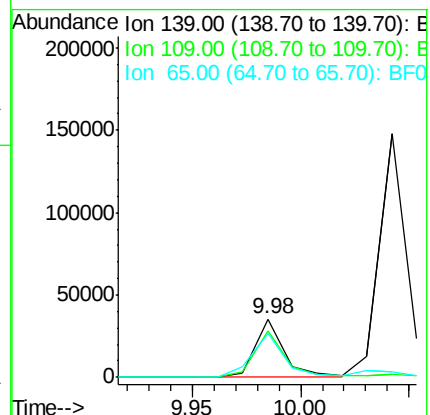
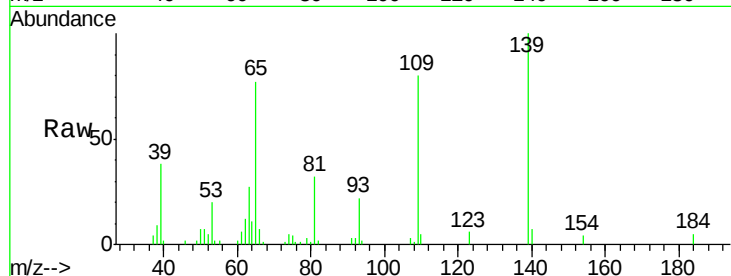
Tot Ion:139 Resp: 33181

Ion Ratio Lower Upper

139 100

109 80.4 58.5 98.5

65 76.5 57.6 97.6



#56

2,4-Dinitrotoluene

Concen: 42.32 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Tgt Ion:165 Resp: 75961

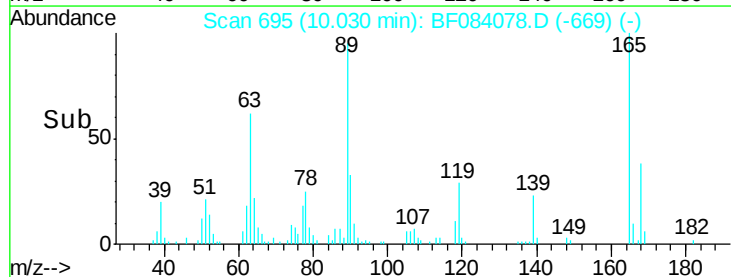
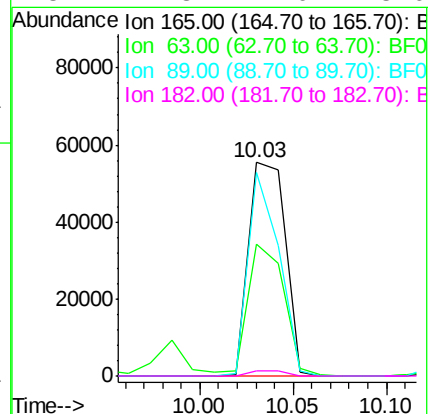
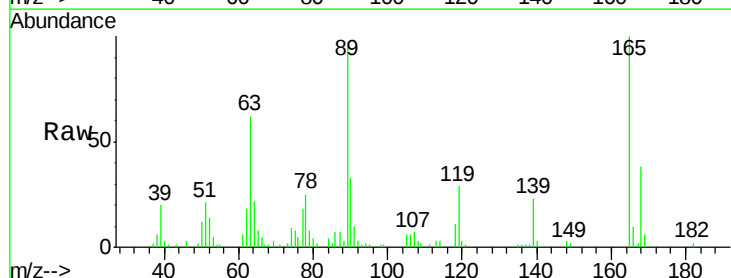
Ion Ratio Lower Upper

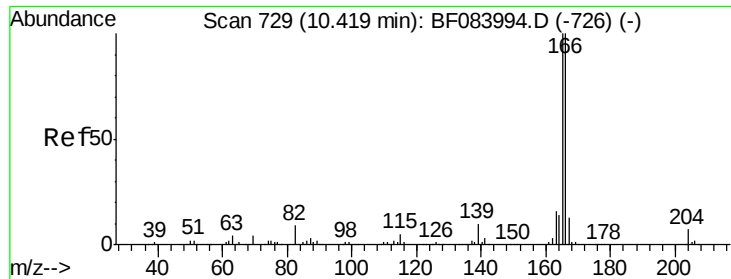
165 100

63 62.0 36.7 55.1#

89 95.2 61.9 92.9#

182 2.3 2.0 3.0

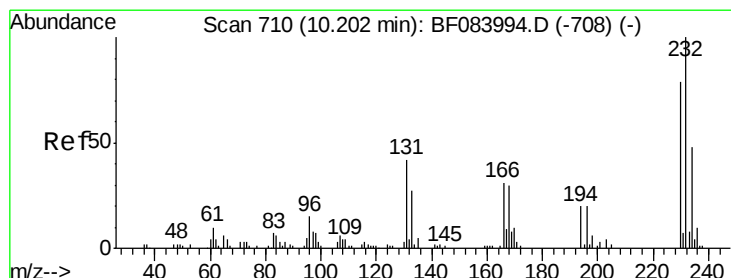
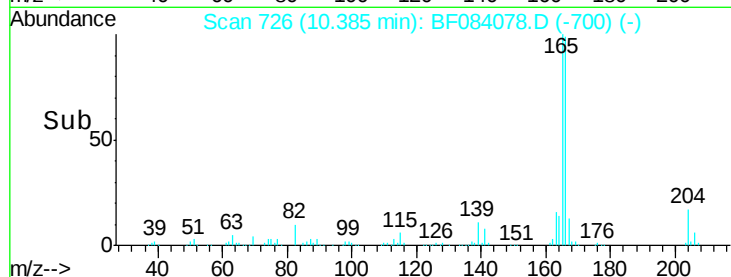
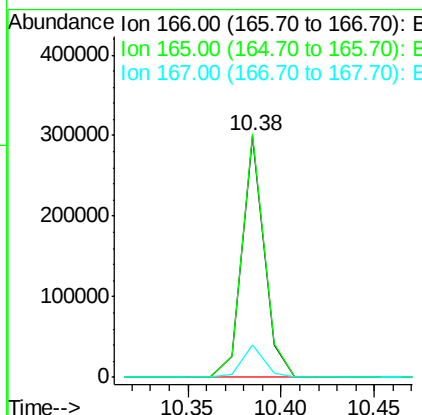
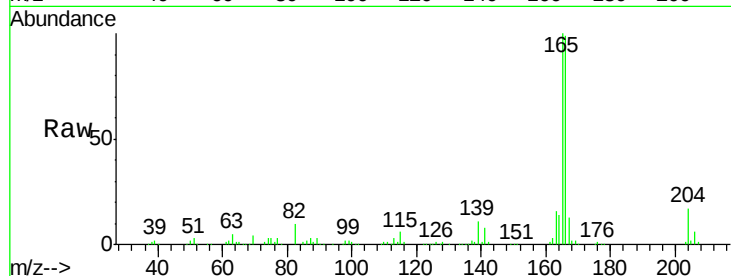




#57
 Fluorene
 Concen: 40.84 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

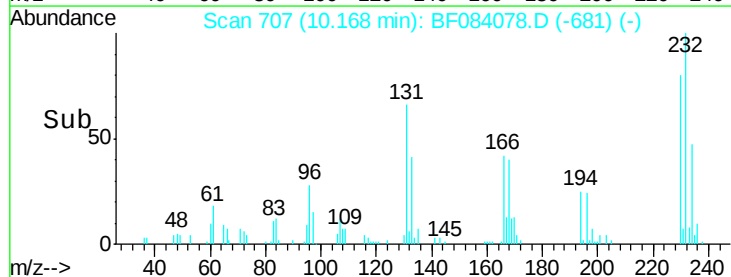
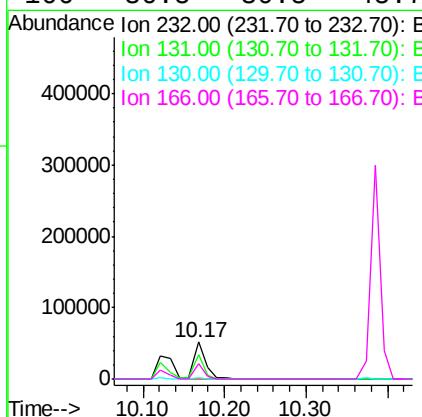
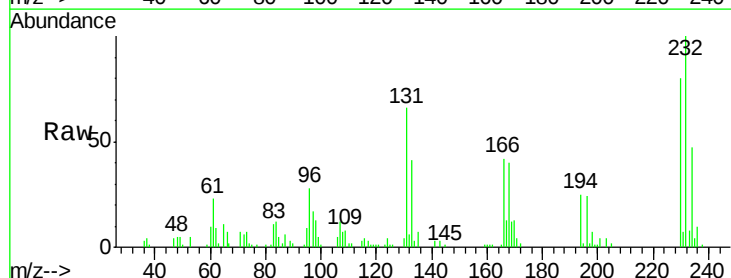
Instrument :
 BNA_F
 ClientSampleId :

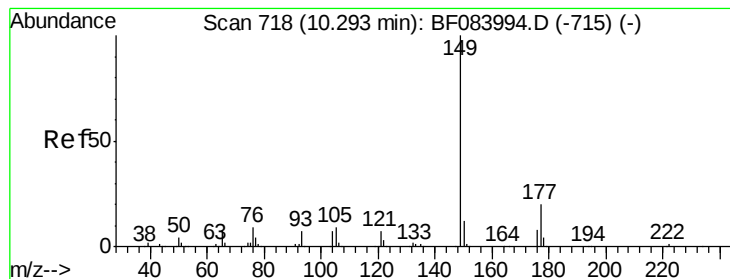
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.1	118.7
167	13.5	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.79 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.2	47.0	70.6
130	2.6	2.0	3.0
166	36.5	30.5	45.7





#59

Diethylphthalate

Concen: 39.70 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

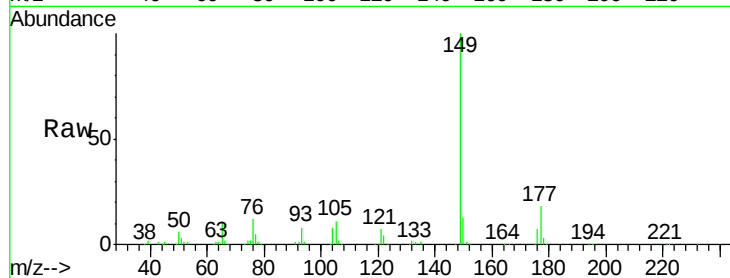
Tot Ion:149 Resp: 263995

Ion Ratio Lower Upper

149 100

177 18.3 17.3 25.9

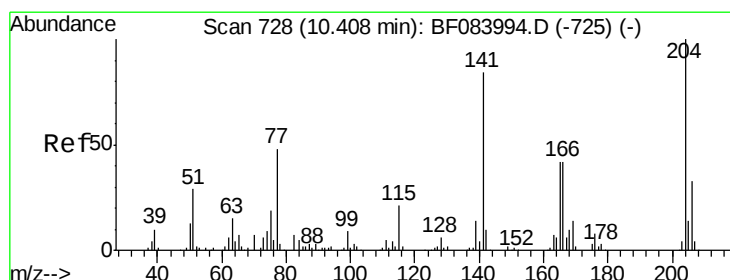
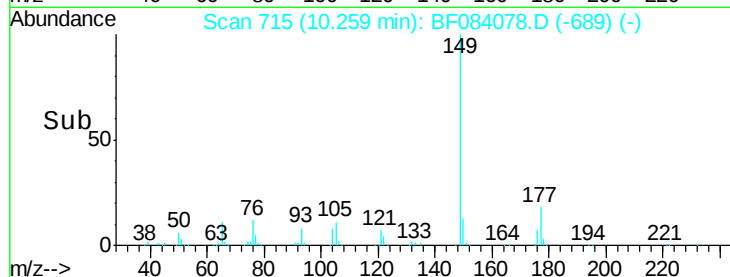
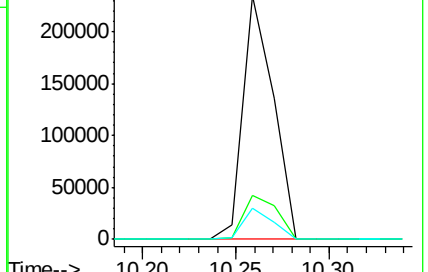
150 12.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.91 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

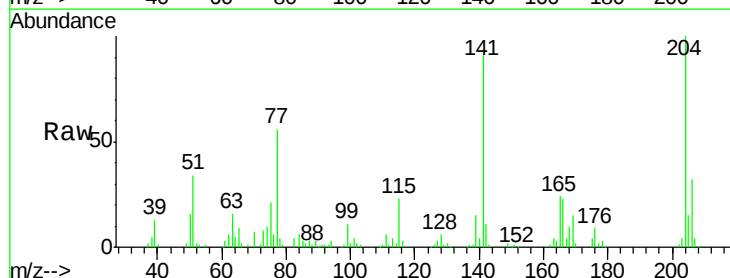
Tgt Ion:204 Resp: 112377

Ion Ratio Lower Upper

204 100

206 31.6 25.7 38.5

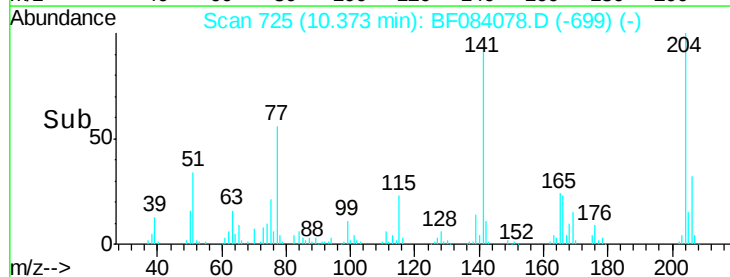
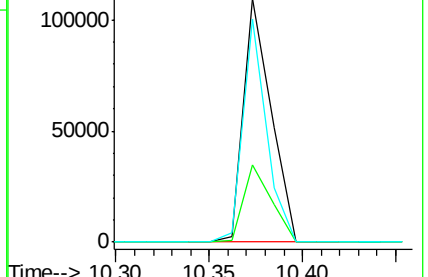
141 91.5 55.1 82.7#

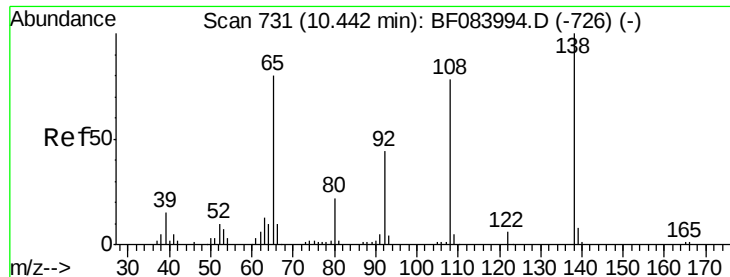


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

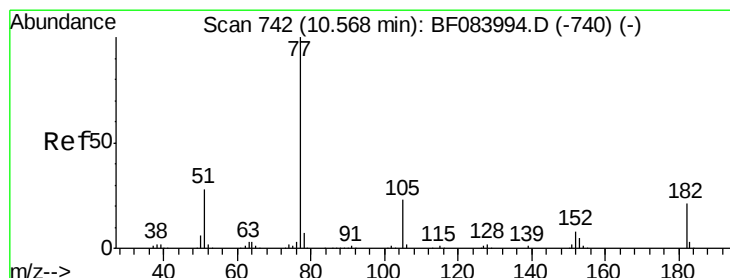
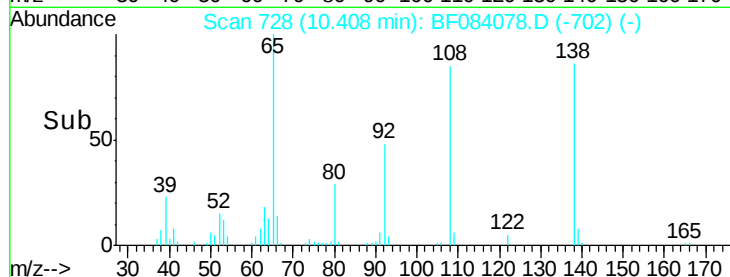
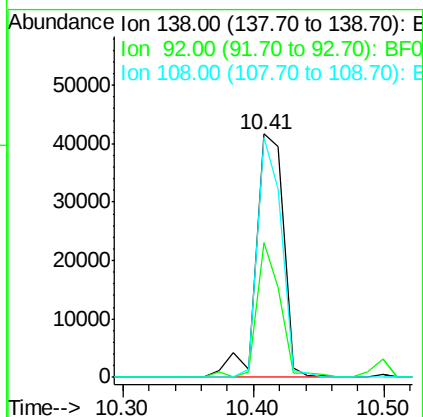
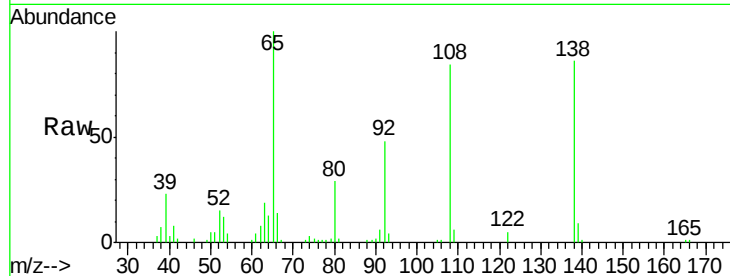




#61
4-Nitroaniline
Concen: 39.90 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

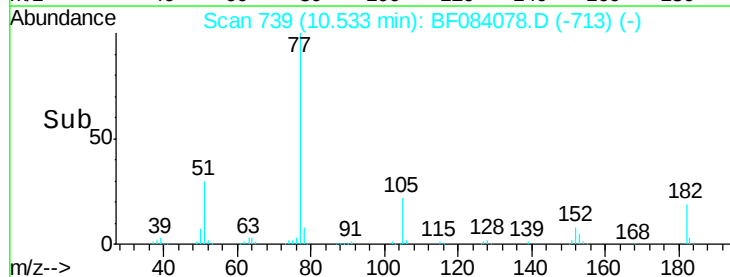
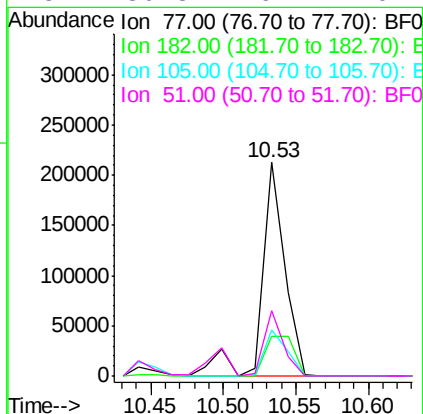
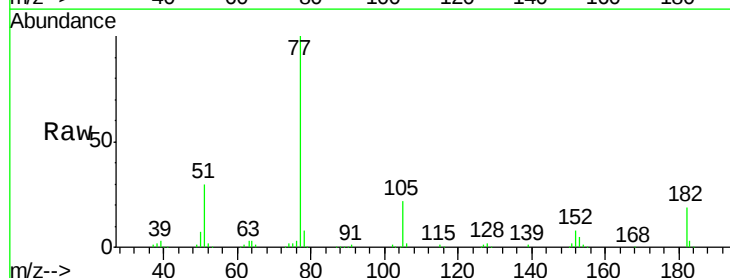
Instrument :
BNA_F
ClientSampled :

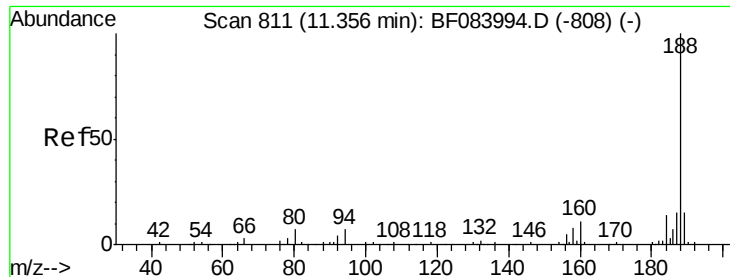
Tot Ion:138 Resp: 61911
Ion Ratio Lower Upper
138 100
92 55.6 32.6 72.6
108 98.6 68.6 108.6



#62
Azobenzene
Concen: 39.88 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion: 77 Resp: 234104
Ion Ratio Lower Upper
77 100
182 18.7 8.3 48.3
105 21.9 4.6 44.6
51 30.3 6.2 46.2

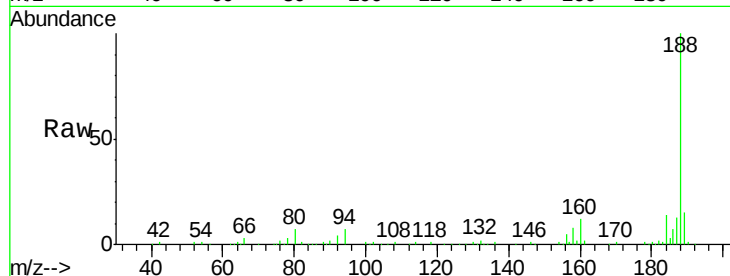




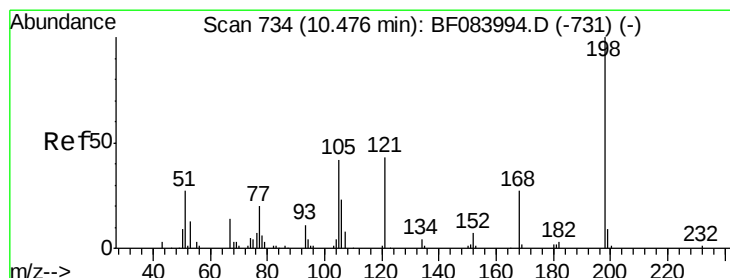
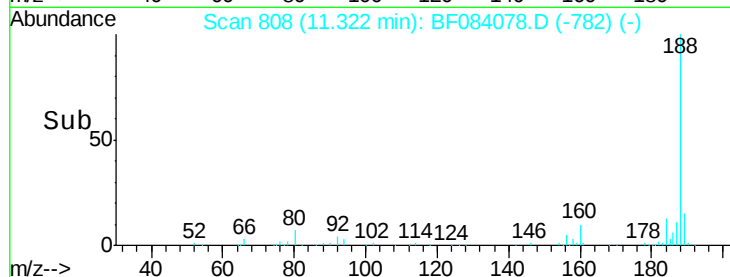
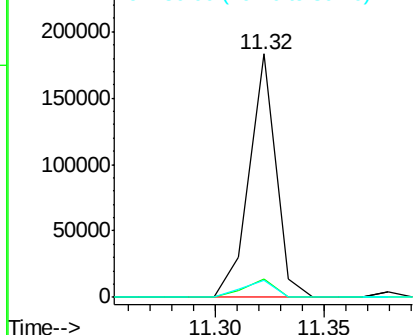
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	7.3	9.6	14.4#

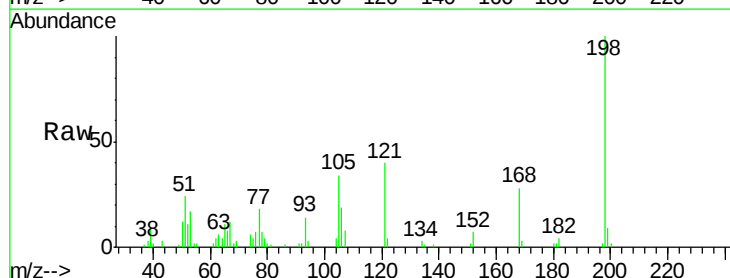


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

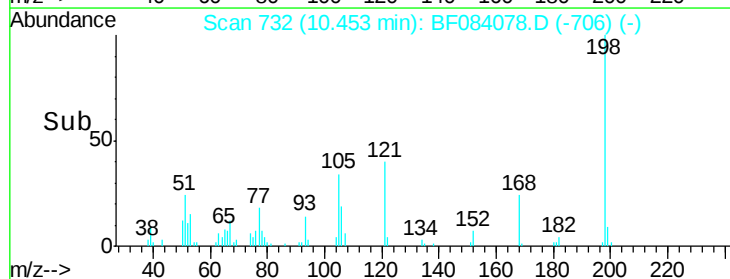
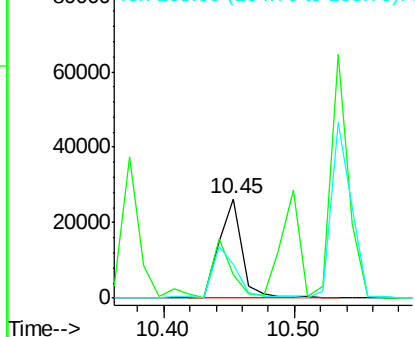


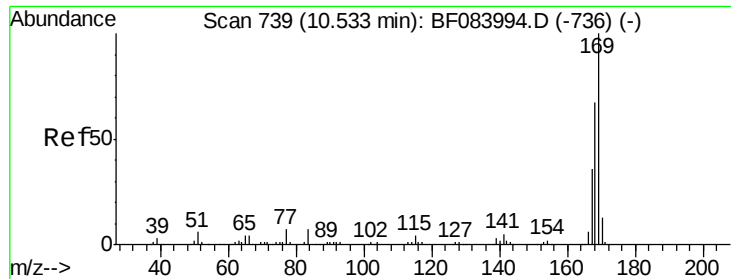
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.24 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	23.7	18.9	58.9
105	33.9	26.4	66.4



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

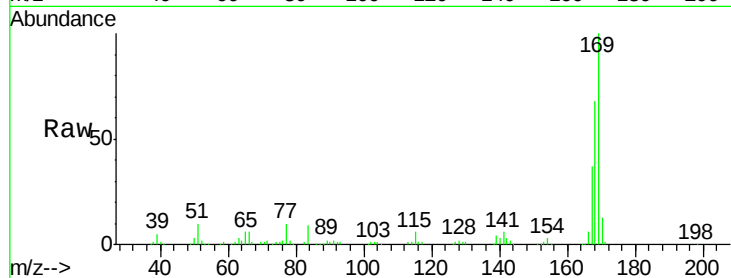




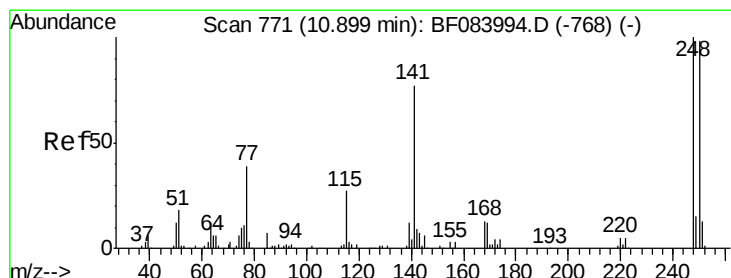
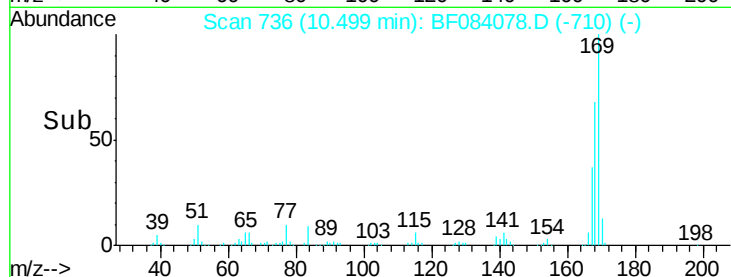
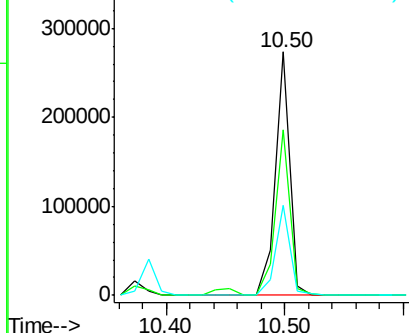
#65
n-Nitrosodiphenylamine
Concen: 40.36 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 232174
Ion Ratio Lower Upper
169 100
168 68.0 55.1 82.7
167 36.8 30.0 45.0

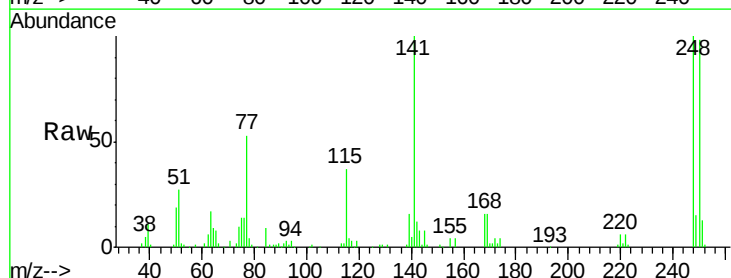


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

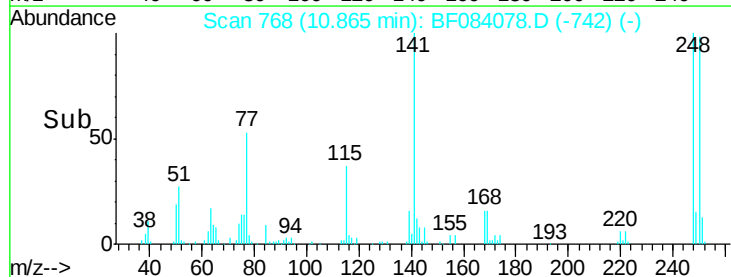
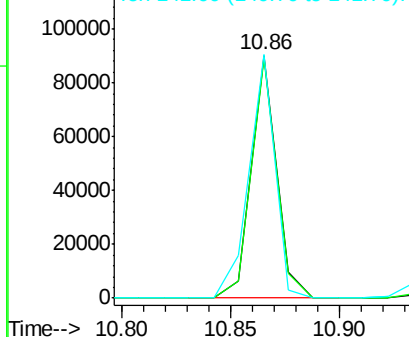


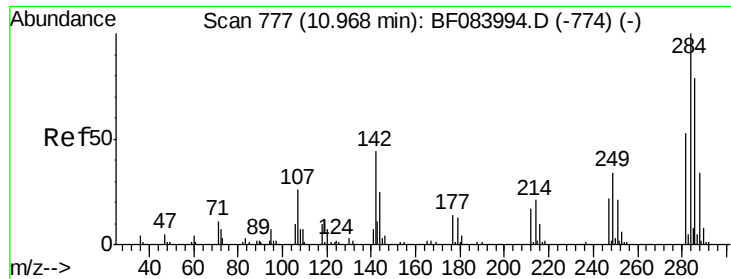
#66
4-Bromophenyl-phenylether
Concen: 40.81 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:248 Resp: 72875
Ion Ratio Lower Upper
248 100
250 98.6 78.4 117.6
141 100.2 44.0 66.0#



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





#67

Hexachlorobenzene

Concen: 38.65 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

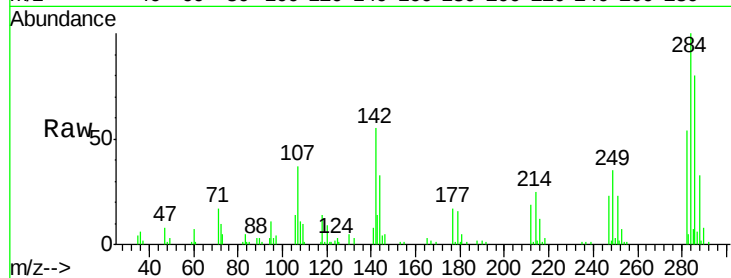
Tot Ion:284 Resp: 75339

Ion Ratio Lower Upper

284 100

142 55.3 22.2 33.4#

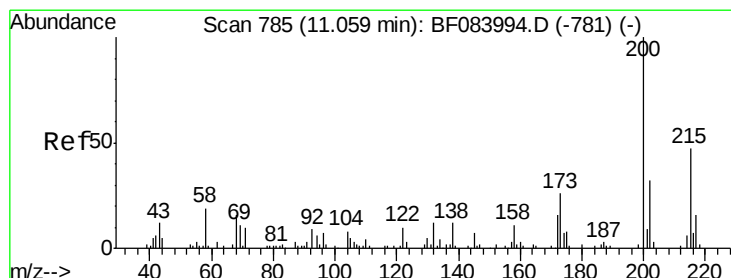
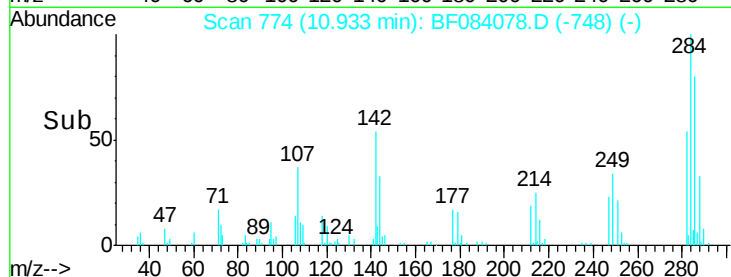
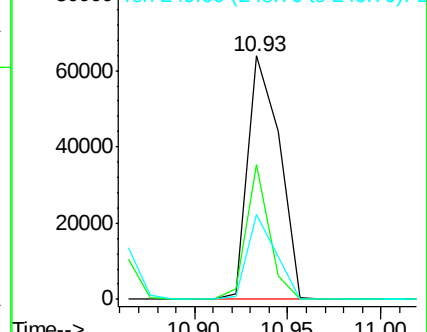
249 35.1 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.99 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

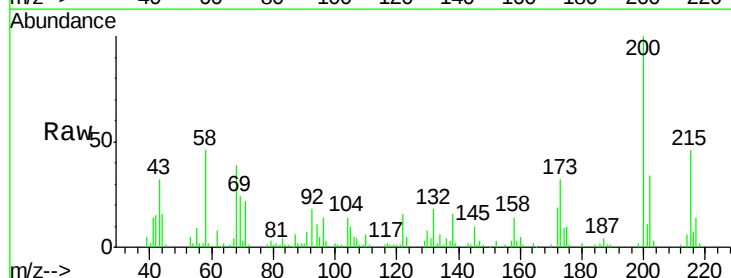
Tgt Ion:200 Resp: 60849

Ion Ratio Lower Upper

200 100

173 31.8 9.5 49.5

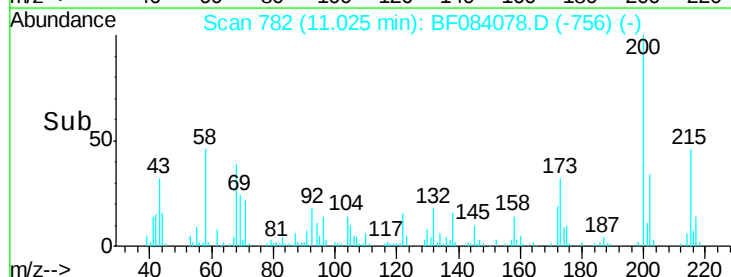
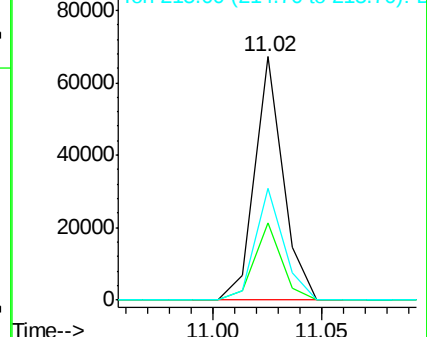
215 45.9 23.8 63.8

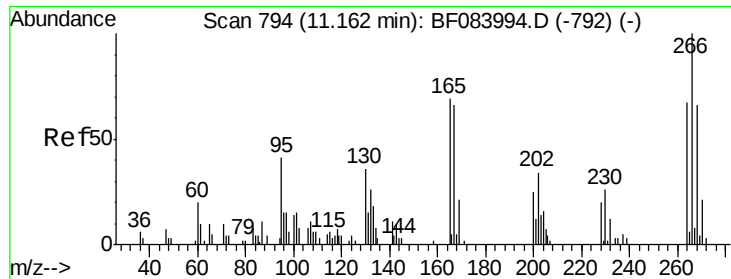


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

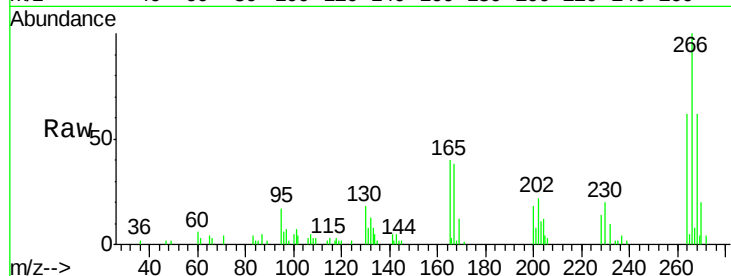




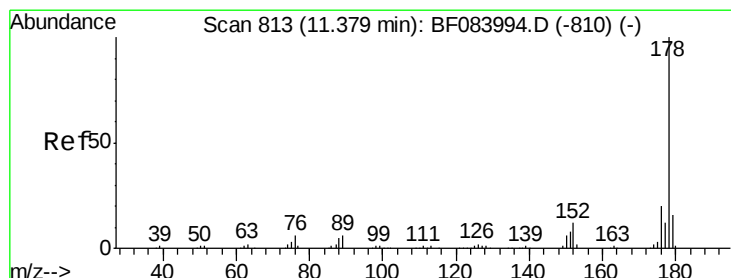
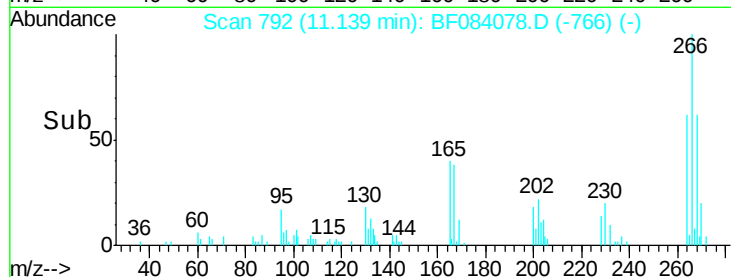
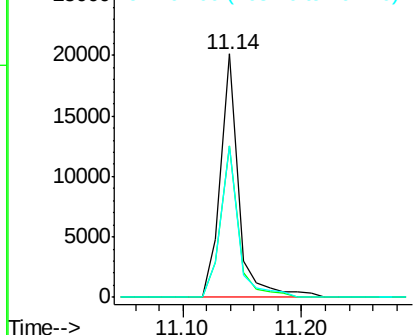
#69
 Pentachlorophenol
 Concen: 35.29 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 21450
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.4 78.6
 264 62.2 50.2 75.2

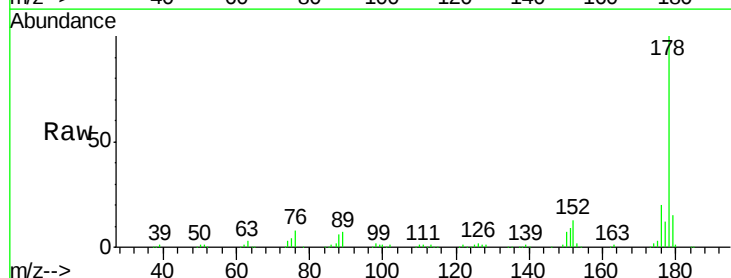


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

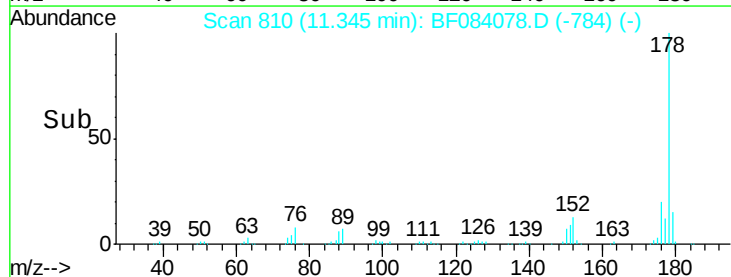
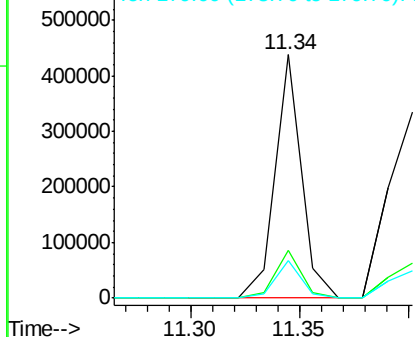


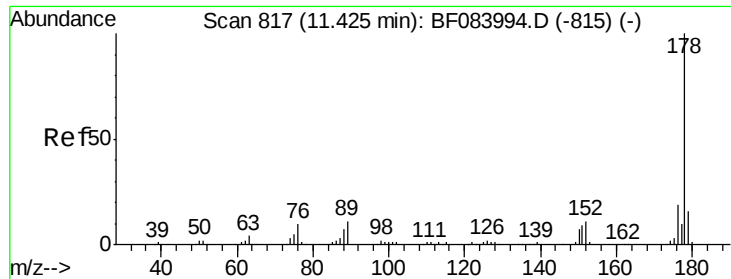
#70
 Phenanthrene
 Concen: 42.52 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:178 Resp: 374328
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.3 22.9
 179 15.4 12.0 18.0



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

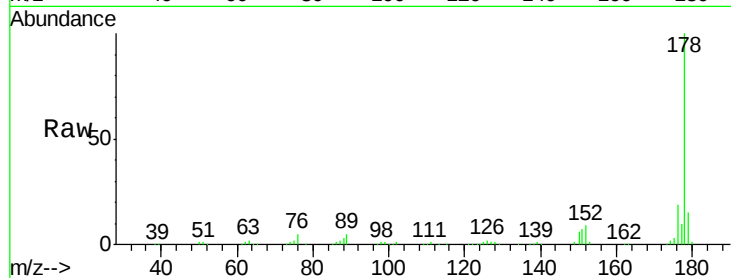




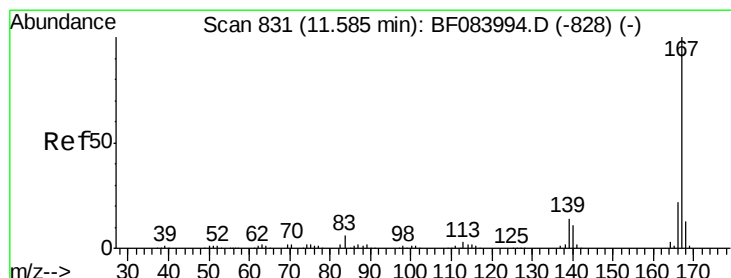
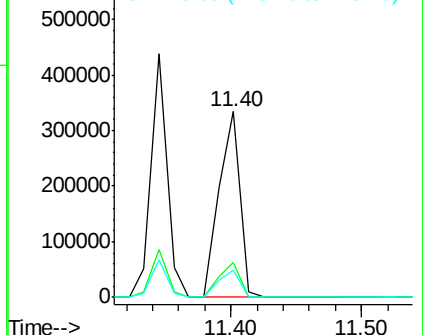
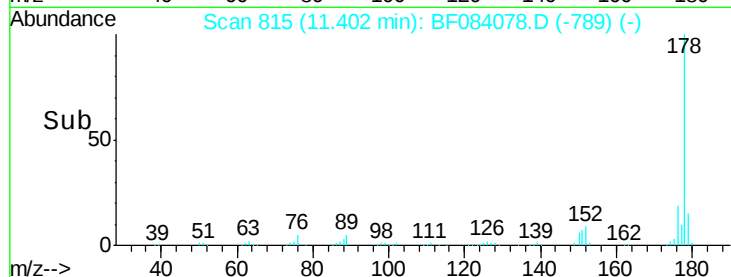
#71
 Anthracene
 Concen: 41.96 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 375101
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.0 12.5 18.7

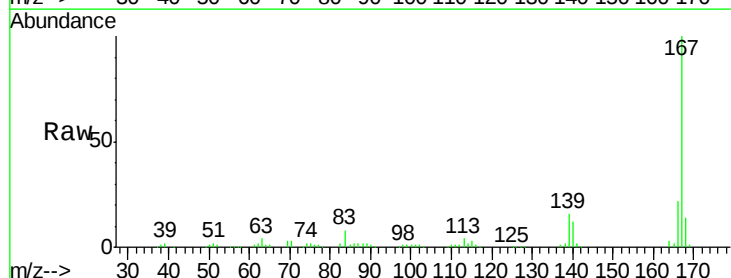


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

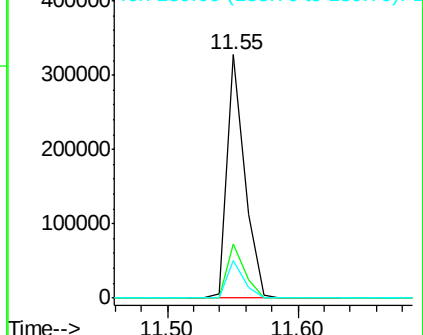
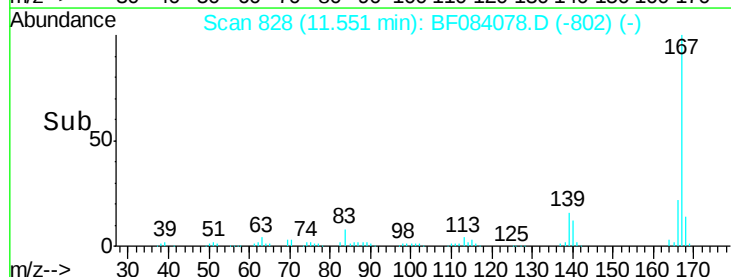


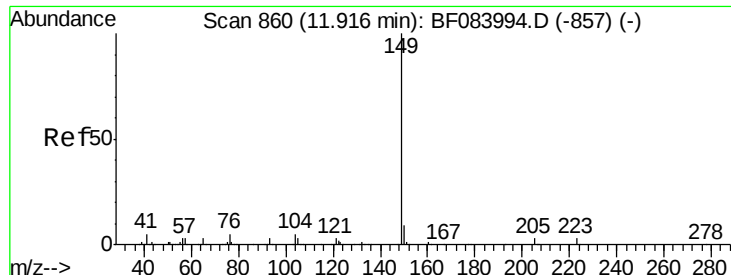
#72
 Carbazole
 Concen: 37.07 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:167 Resp: 309838
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 15.6 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.86 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

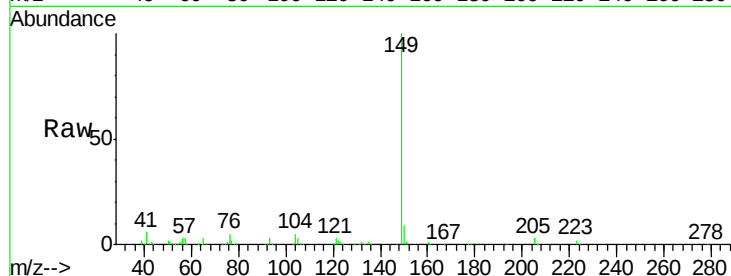
Tot Ion:149 Resp: 403334

Ion Ratio Lower Upper

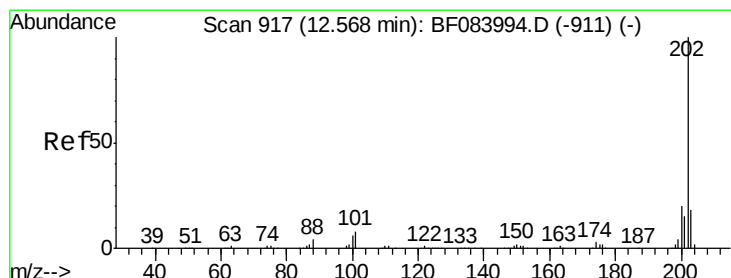
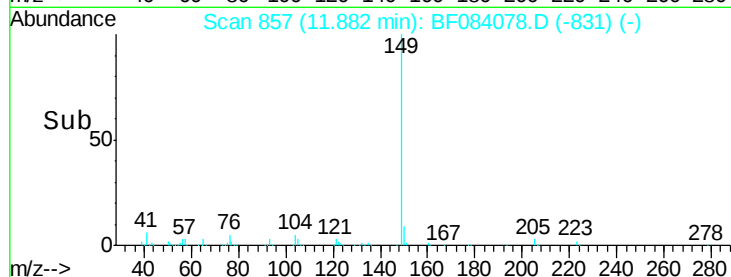
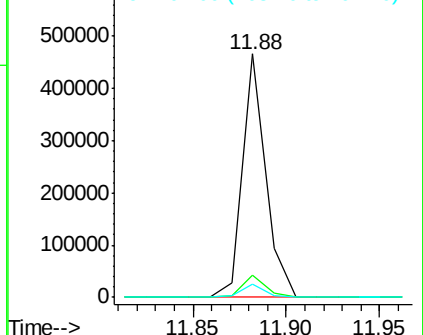
149 100

150 9.1 7.1 10.7

104 5.5 3.2 4.8#



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: 46.02 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

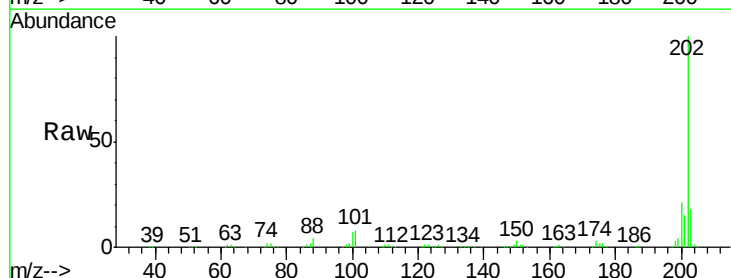
Tgt Ion:202 Resp: 401749

Ion Ratio Lower Upper

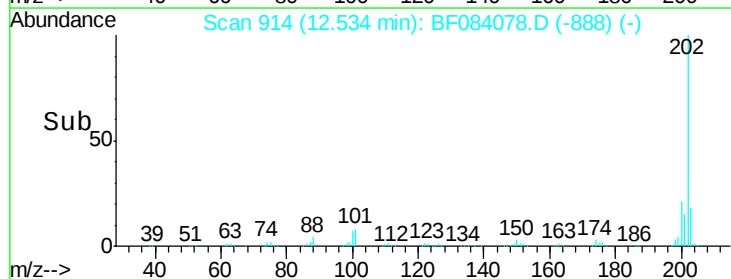
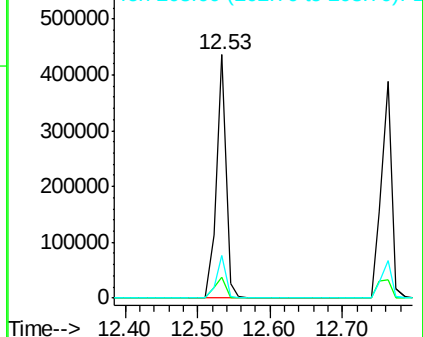
202 100

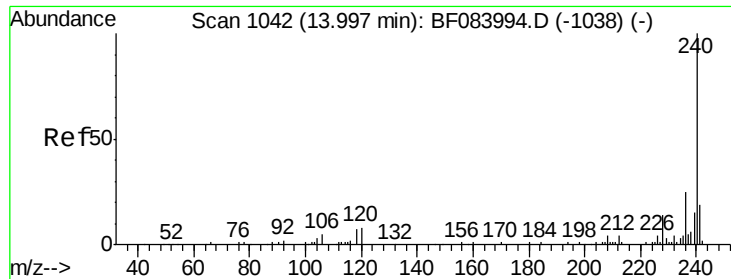
101 8.4 0.0 32.8

203 17.7 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

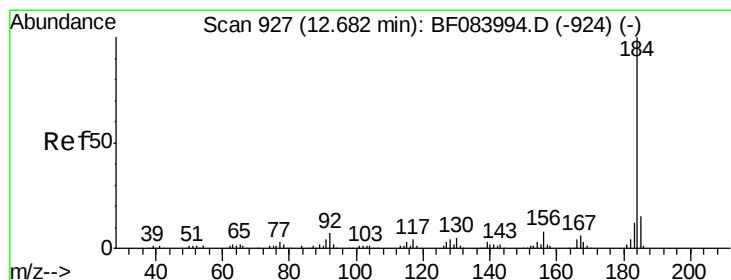
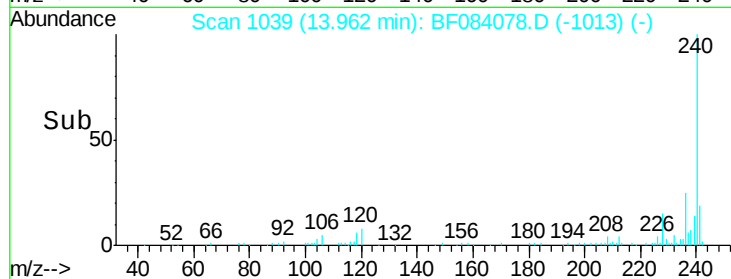
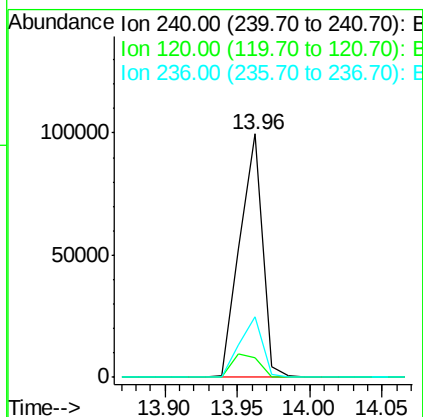
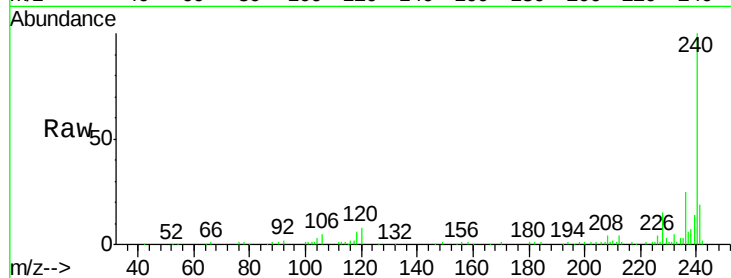




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

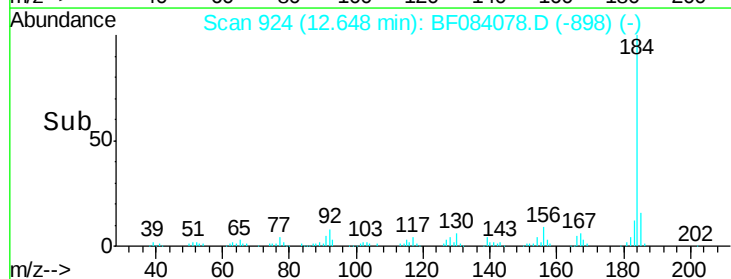
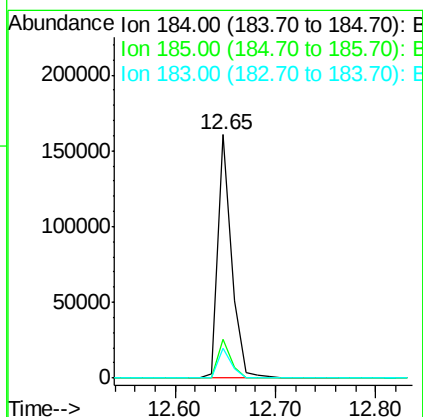
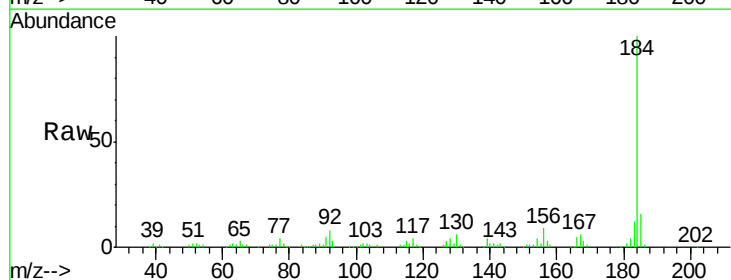
Instrument :
BNA_F
ClientSampled :

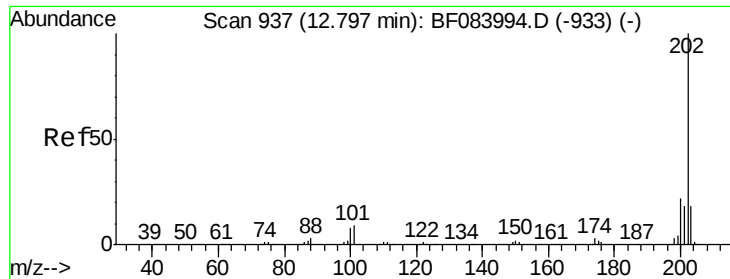
Tot Ion:240 Resp: 108754
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 25.1 20.6 31.0



#76
Benzidine
Concen: 39.28 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:184 Resp: 152340
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 12.4 9.8 14.8

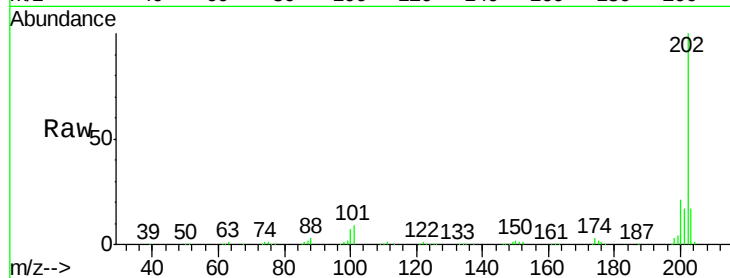




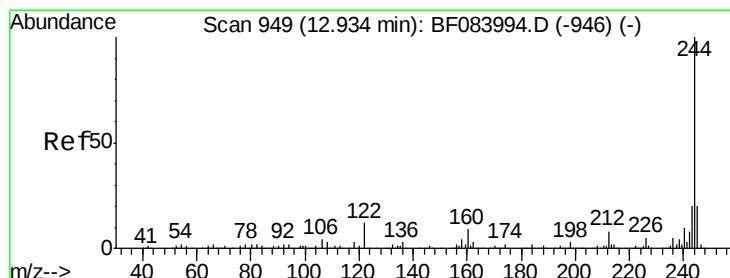
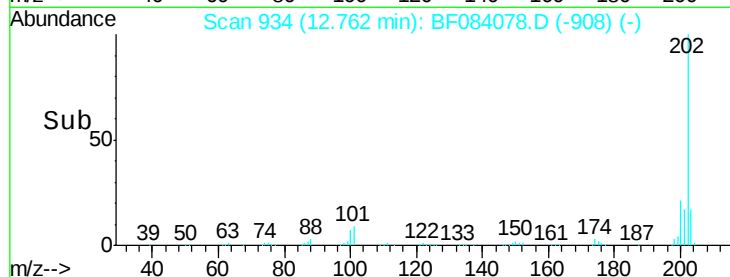
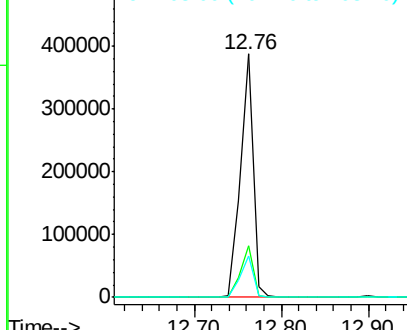
#77
Pvrene
Concen: 52.79 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.1	14.3	21.5

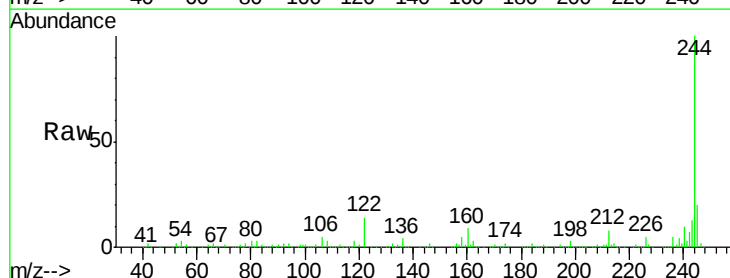


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

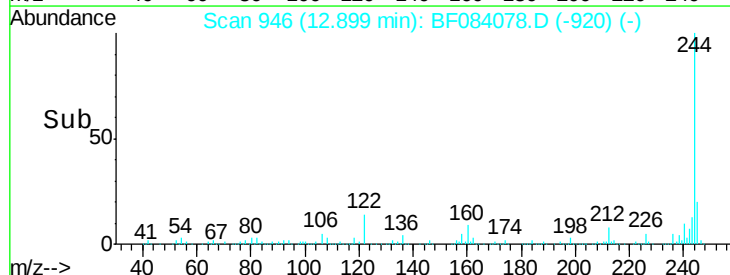
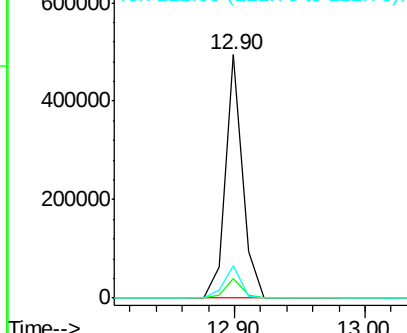


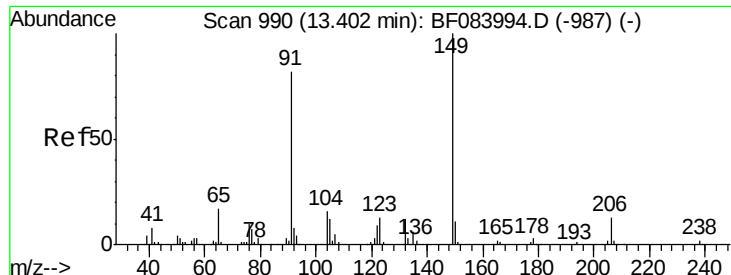
#78
Terphenyl-d14
Concen: 98.58 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.5	7.4	11.0#



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

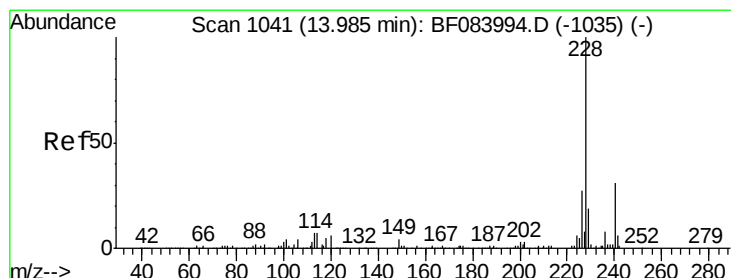
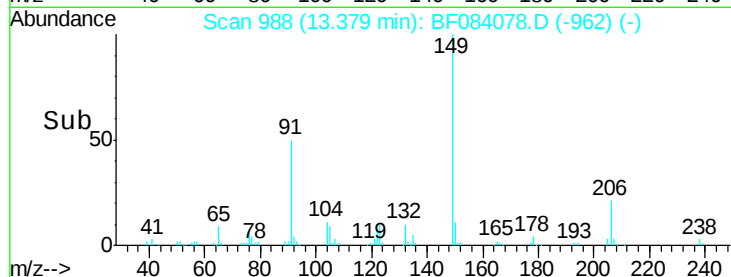
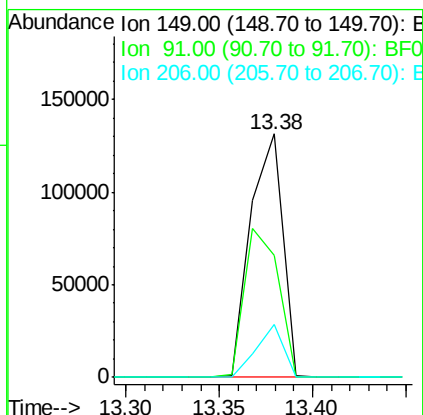
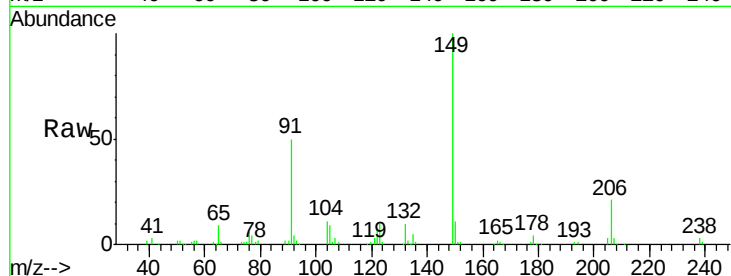




#79
Butylbenzylphthalate
Concen: 46.30 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

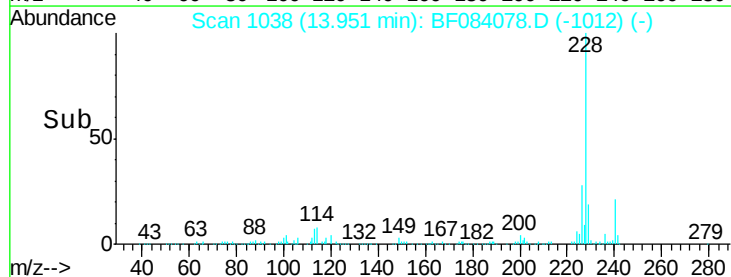
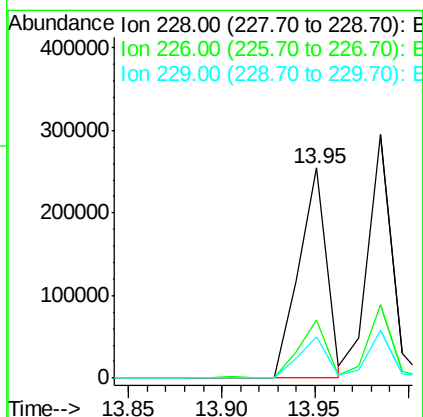
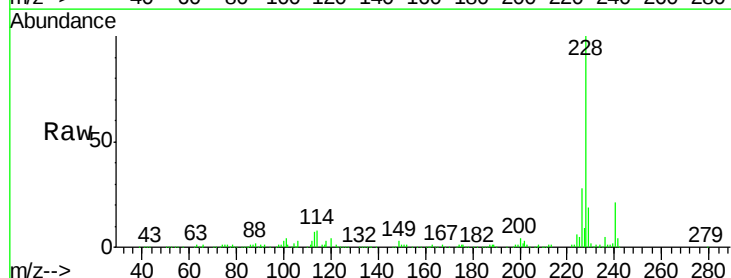
Instrument :
BNA_F
ClientSampleId :

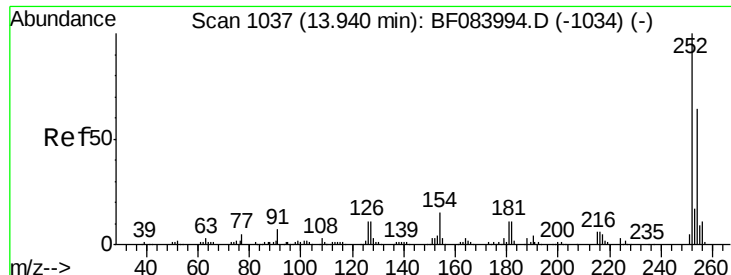
Tot Ion:149 Resp: 157114
Ion Ratio Lower Upper
149 100
91 49.9 57.6 86.4#
206 21.5 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084078.D
Acq: 24 Dec 2015 14:35

Tgt Ion:228 Resp: 265309
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.6
229 19.4 15.8 23.8

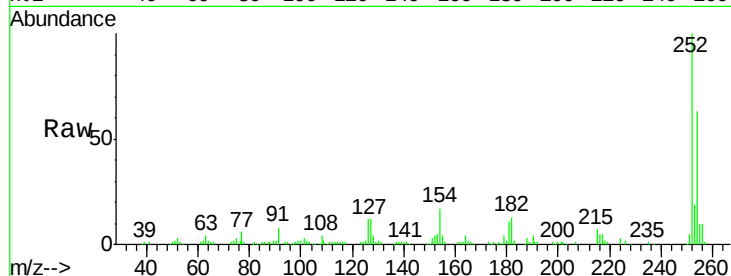




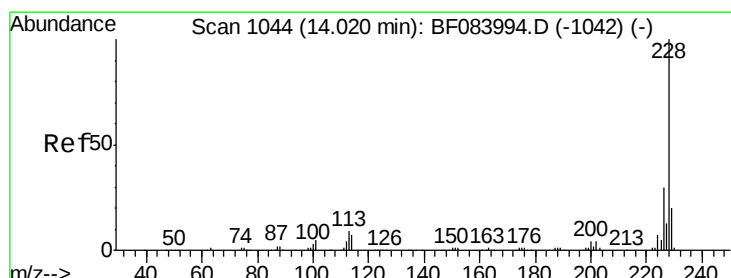
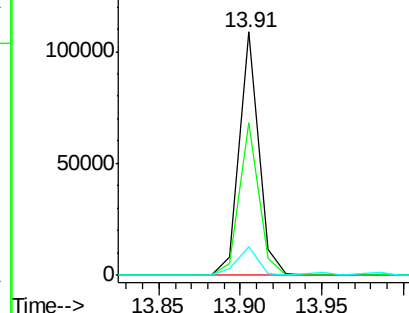
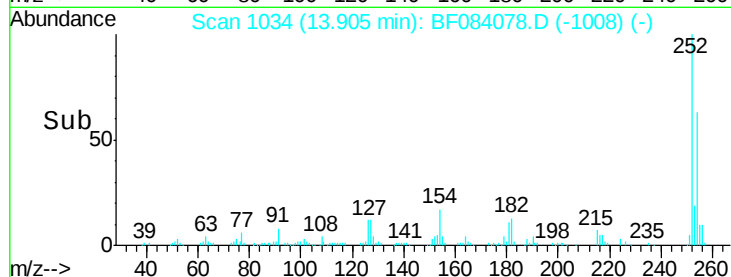
#81
 3,3'-Dichlorobenzidine
 Concen: 37.50 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 88450
 Ion Ratio Lower Upper
 252 100
 254 62.8 53.5 80.3
 126 11.6 4.9 7.3#

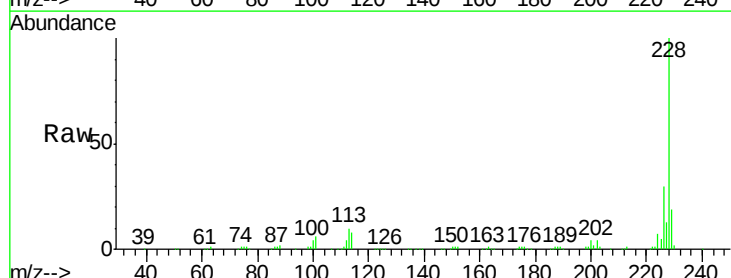


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

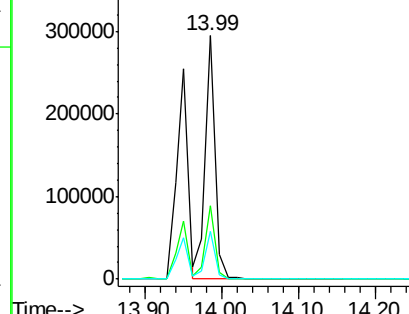
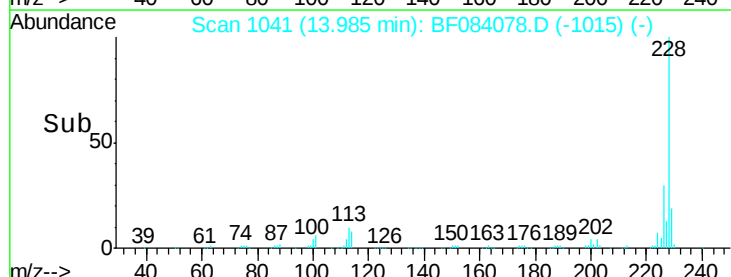


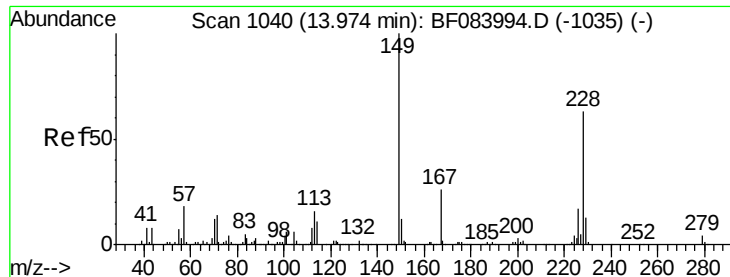
#82
 Chrysene
 Concen: 45.05 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:228 Resp: 262290
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.4 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

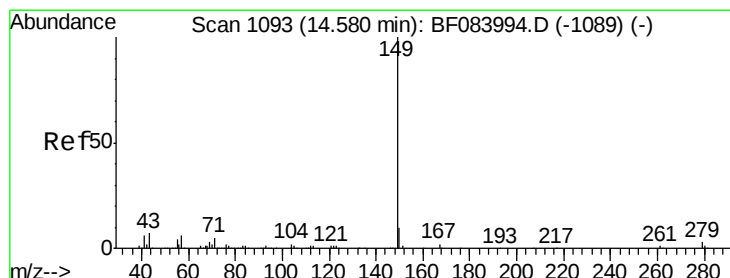
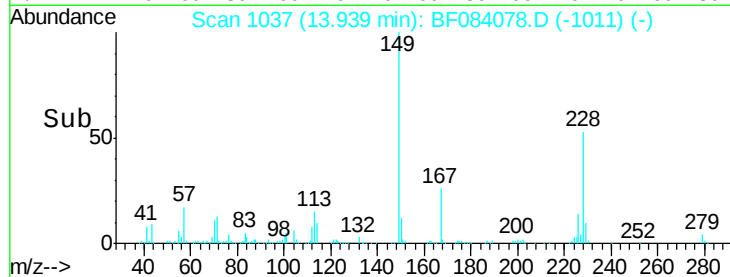
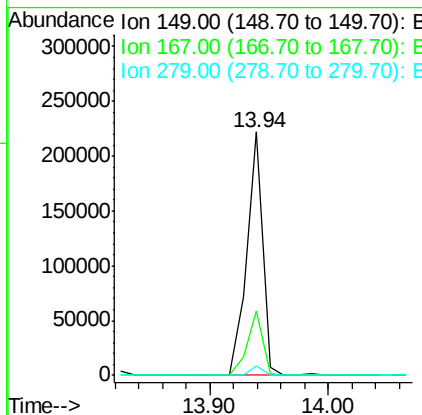
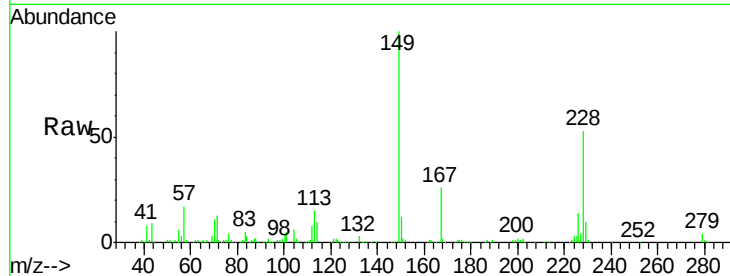




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.33 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

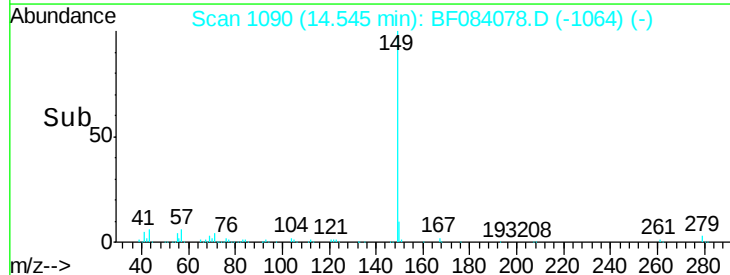
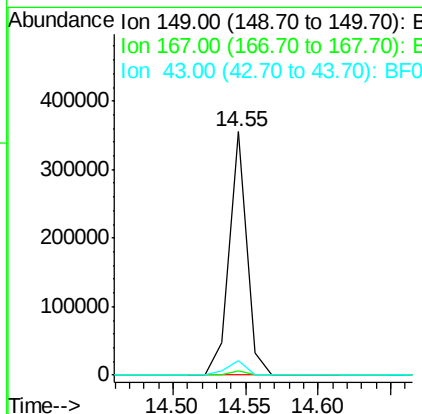
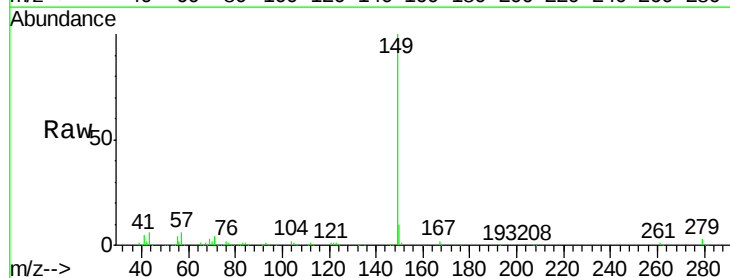
Instrument :
 BNA_F
 ClientSampleId :

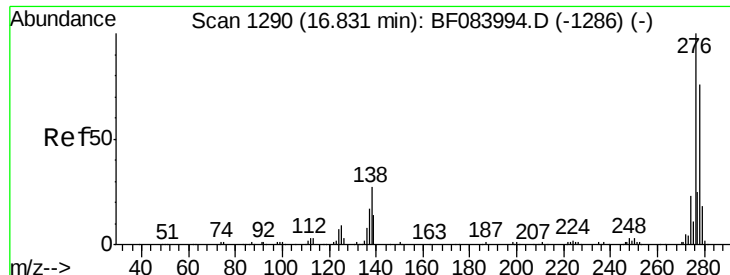
Tot Ion:149 Resp: 208609
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.7 29.5
 279 3.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 41.48 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:149 Resp: 300200
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 6.7 5.6 8.4

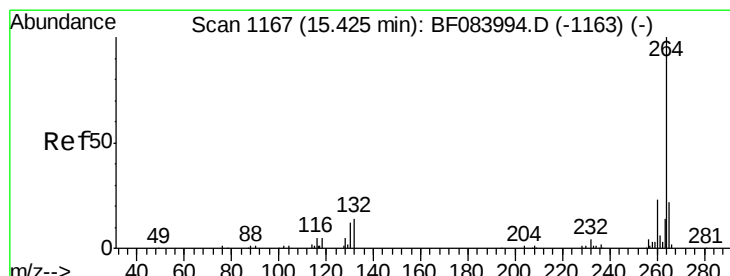
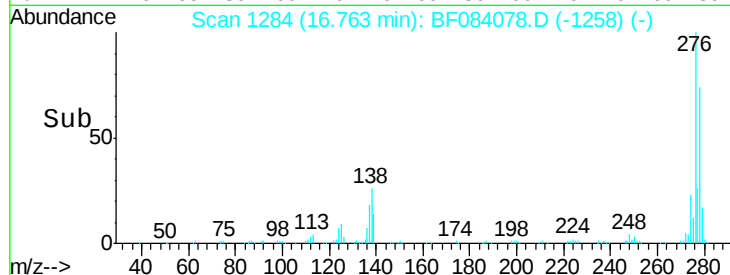
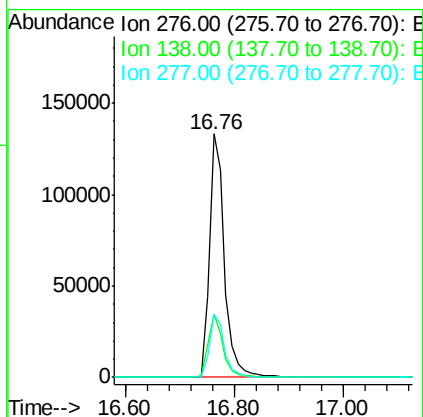
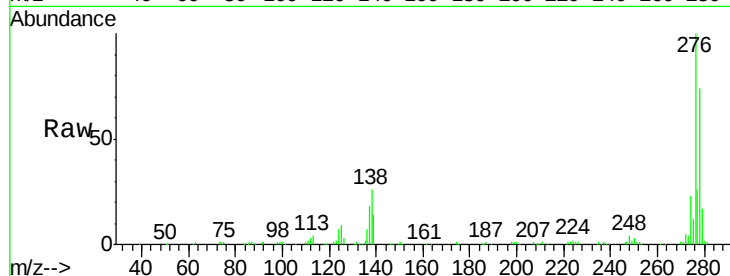




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.41 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

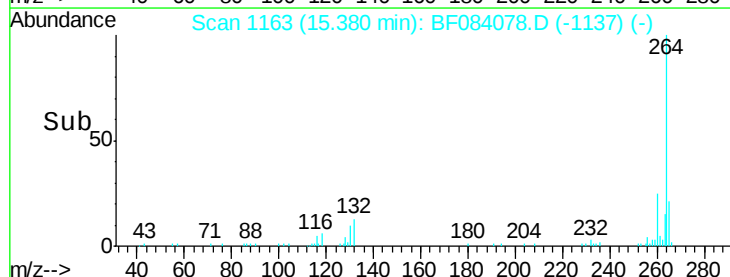
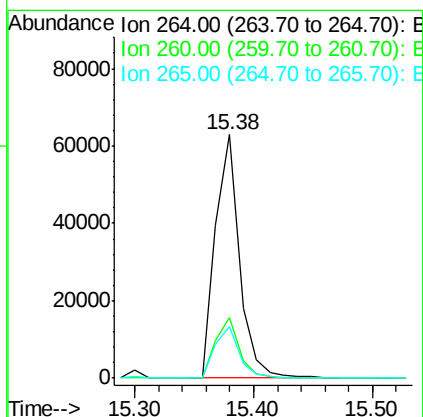
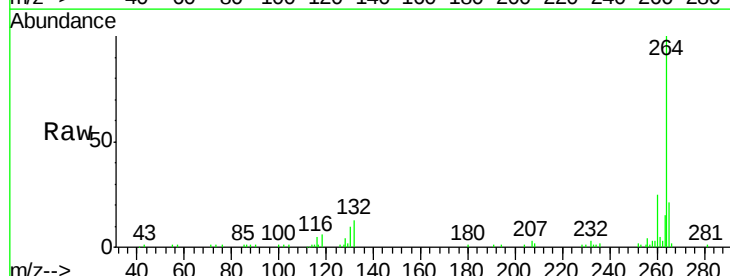
Instrument :
 BNA_F
 ClientSampleId :

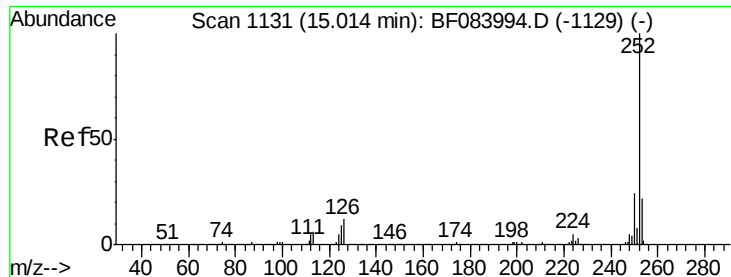
Tot Ion:276 Resp: 257192
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.6 30.8
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084078.D
 Acq: 24 Dec 2015 14:35

Tgt Ion:264 Resp: 87663
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 77.91 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

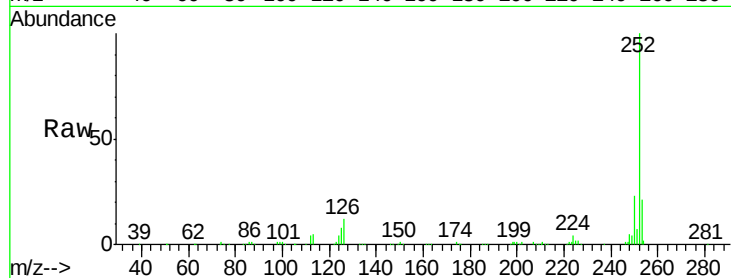
Tot Ion:252 Resp: 430550

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 8.3 6.5 9.7

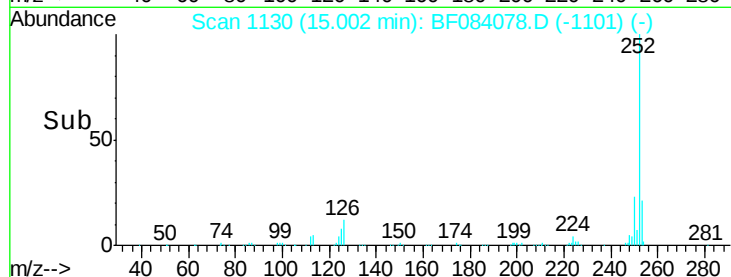


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



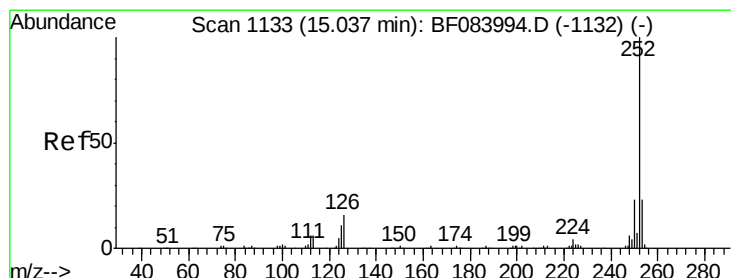
Abundance

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

Time-->



#88

Benzo(k)fluoranthene

Concen: 81.92 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

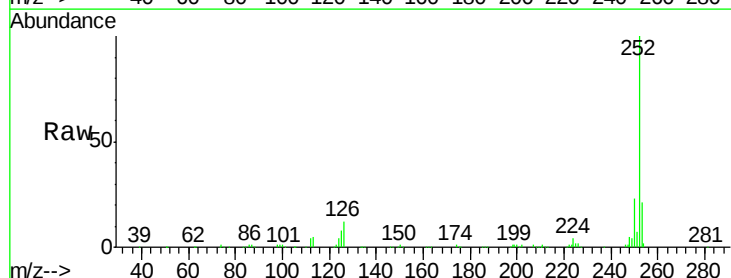
Tgt Ion:252 Resp: 430550

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

125 8.3 9.0 13.6#

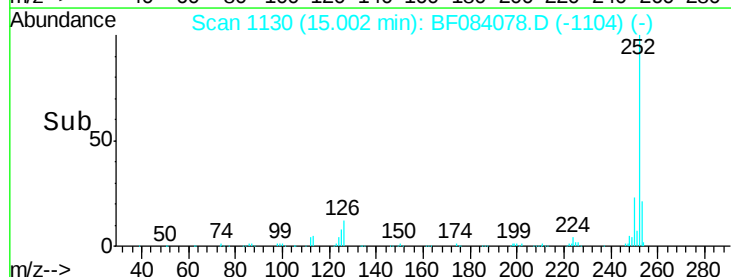


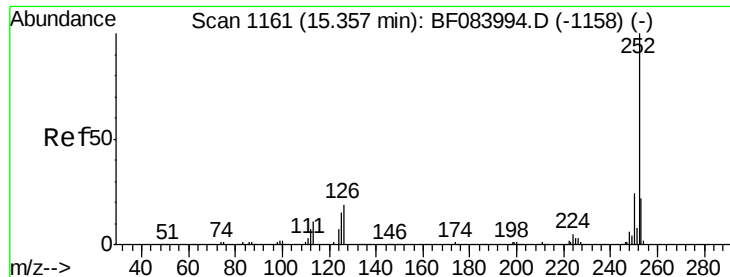
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#89

Benzo(a)pyrene

Concen: 40.47 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

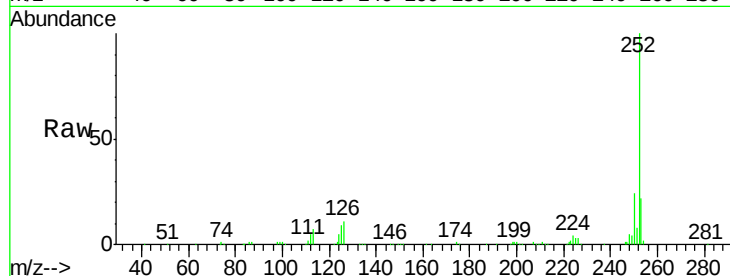
Tot Ion:252 Resp: 207128

Ion Ratio Lower Upper

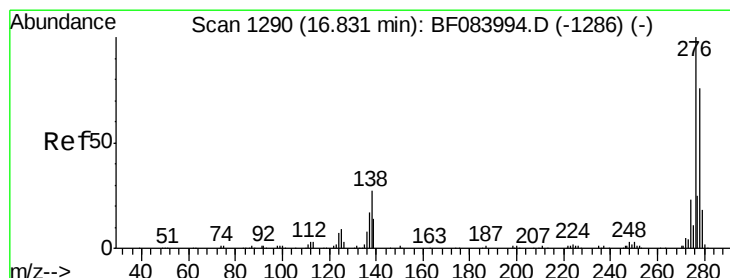
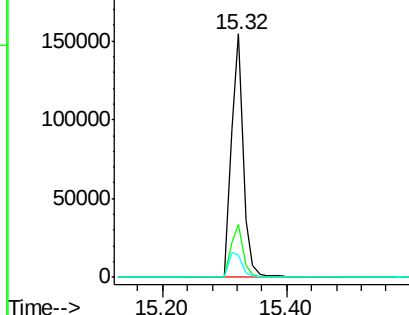
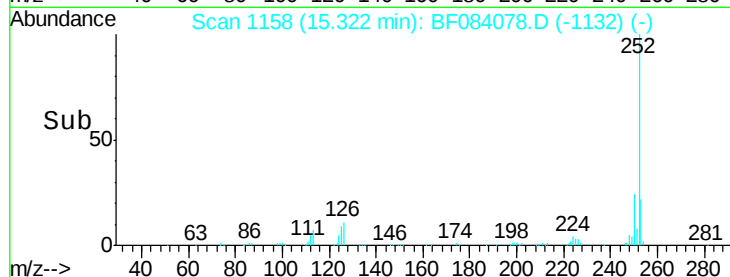
252 100

253 21.7 17.3 25.9

125 9.0 7.0 10.4



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: 50.22 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

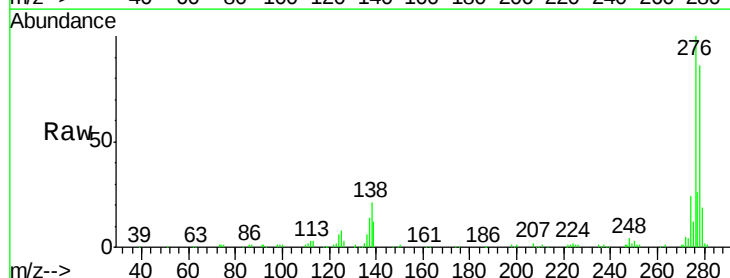
Tgt Ion:278 Resp: 213004

Ion Ratio Lower Upper

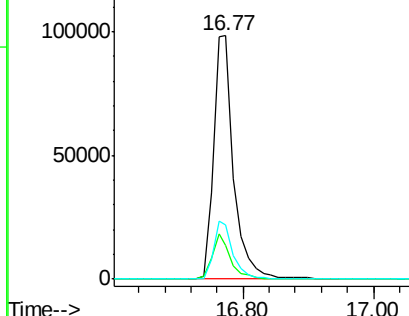
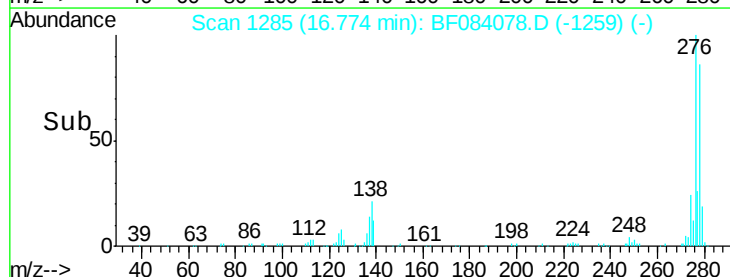
278 100

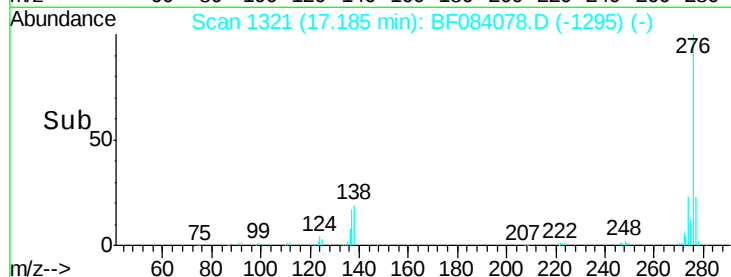
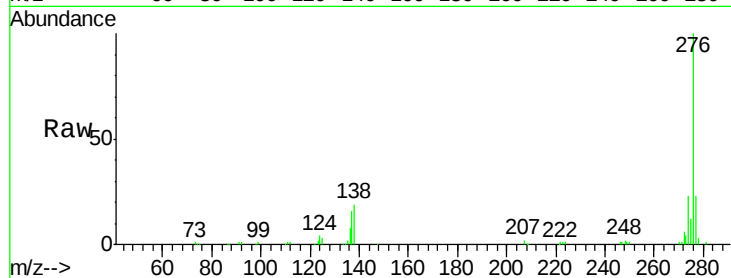
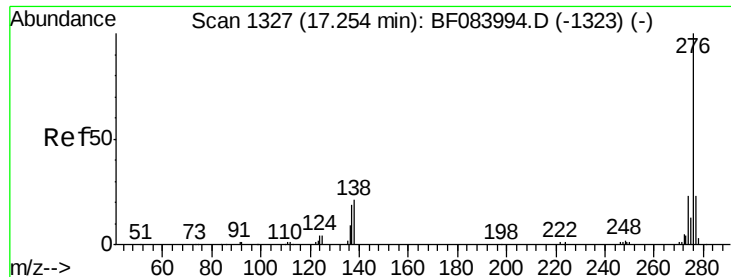
139 13.7 15.0 22.4#

279 22.1 18.9 28.3



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





#91

Benzo(a,h,i)perylene

Concen: 50.49 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084078.D

Acq: 24 Dec 2015 14:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 216599

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 19.3 17.8 26.6

