

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084082.D
 Acq On : 24 Dec 2015 16:31
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Quant Time: Dec 25 01:35:38 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 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47029	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189632	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	88516	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159294	20.00	ng	0.00
75) Chrysene-d12	13.96	240	118317	20.00	ng	0.00
86) Perylene-d12	15.38	264	92999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	221679	79.92	ng	0.00
7) Phenol-d6	6.45	99	254514	74.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	241101	74.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	66402	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	454822	70.31	ng	0.00
78) Terphenyl-d14	12.90	244	444173	67.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	45183	39.74	ng	98
3) Pyridine	3.06	79	125064	45.04	ng	98
4) n-Nitrosodimethylamine	3.00	42	49807	40.71	ng	92
6) Aniline	6.46	93	172694	39.80	ng	# 70
8) 2-Chlorophenol	6.59	128	134506	39.05	ng	93
9) Benzaldehyde	6.35	77	68707	37.43	ng	90
10) Phenol	6.46	94	145268	37.00	ng	# 62
11) bis(2-Chloroethyl)ether	6.53	93	106413	37.59	ng	96
12) 1,3-Dichlorobenzene	6.74	146	146571	38.97	ng	96
13) 1,4-Dichlorobenzene	6.82	146	147882	39.08	ng	93
14) 1,2-Dichlorobenzene	6.97	146	131071	37.58	ng	97
15) Benzyl Alcohol	6.96	79	101398	39.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103068	37.27	ng	58
17) 2-Methylphenol	7.07	107	96196	36.37	ng	# 92
18) Hexachloroethane	7.31	117	52231	37.82	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	77852	36.82	ng	# 87
20) 3+4-Methylphenols	7.23	107	128949	38.22	ng	# 48
22) Acetophenone	7.22	105	180485	38.09	ng	# 90
24) Nitrobenzene	7.39	77	135789	39.47	ng	92
25) Isophorone	7.63	82	224438	37.45	ng	97
26) 2-Nitrophenol	7.71	139	69294	39.36	ng	93
27) 2,4-Dimethylphenol	7.76	122	119777	40.99	ng	95
28) bis(2-Chloroethoxy)methane	7.84	93	119327	34.15	ng	99
29) 2,4-Dichlorophenol	7.95	162	100379	36.99	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	116044	39.02	ng	97
31) Naphthalene	8.11	128	388030	38.46	ng	99
32) Benzoic acid	7.88	122	51392	36.68	ng	95
33) 4-Chloroaniline	8.17	127	146242	36.43	ng	# 88
34) Hexachlorobutadiene	8.22	225	62176	36.66	ng	99
35) Caprolactam	8.53	113	29456	39.14	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	120670	39.55	ng	99
37) 2-Methylnaphthalene	8.80	142	227159	35.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	107908	38.67	ng	99
40) Hexachlorocyclopentadiene	8.96	237	23338	38.73	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084082.D
 Acq On : 24 Dec 2015 16:31
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Quant Time: Dec 25 01:35:38 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 16:48:39 2015
 Response via : Initial Calibration

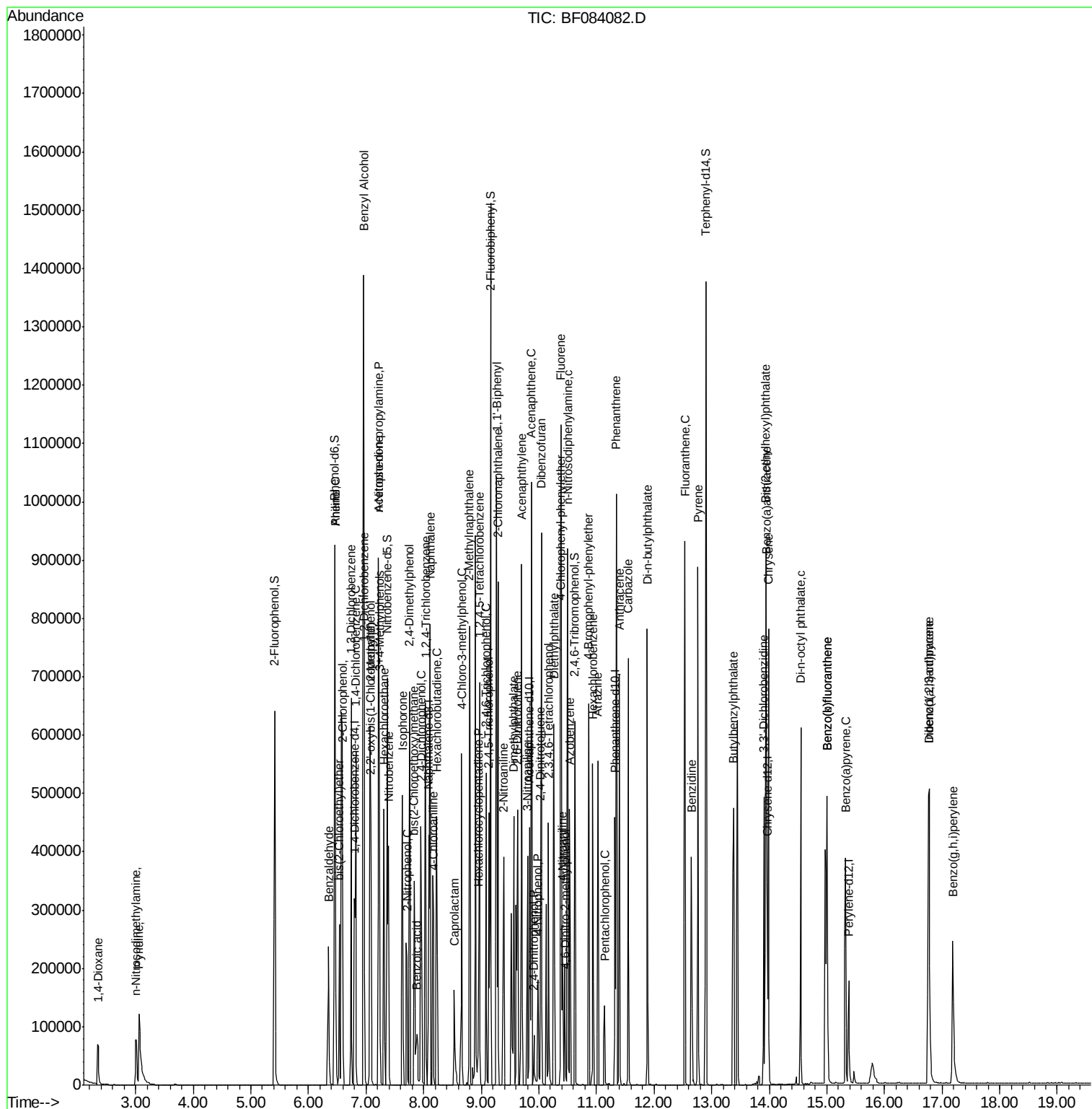
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	68526	37.66	ng	96
43) 2,4,5-Trichlorophenol	9.13	196	70334	38.62	ng #	85
45) 1,1'-Biphenyl	9.26	154	324321	40.56	ng	98
46) 2-Chloronaphthalene	9.29	162	233013	38.33	ng	96
47) 2-Nitroaniline	9.39	65	66181	40.97	ng #	61
48) Acenaphthylene	9.70	152	367606	36.82	ng	99
49) Dimethylphthalate	9.56	163	272832	37.22	ng #	90
50) 2,6-Dinitrotoluene	9.63	165	62213	39.98	ng #	83
51) Acenaphthene	9.87	154	214153	36.88	ng	99
52) 3-Nitroaniline	9.80	138	70265	42.08	ng #	77
53) 2,4-Dinitrophenol	9.92	184	15921	36.77	ng	97
54) Dibenzofuran	10.04	168	283949	35.56	ng #	90
55) 4-Nitrophenol	9.98	139	33377	39.16	ng	96
56) 2,4-Dinitrotoluene	10.03	165	74594	36.31	ng #	80
57) Fluorene	10.38	166	250668	36.93	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	51407	39.60	ng	97
59) Diethylphthalate	10.26	149	251856	33.82	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	104654	33.43	ng #	78
61) 4-Nitroaniline	10.41	138	62322	40.38	ng	91
62) Azobenzene	10.53	77	228946	37.32	ng	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	33234	37.59	ng	78
65) n-Nitrosodiphenylamine	10.50	169	227694	40.10	ng	98
66) 4-Bromophenyl-phenylether	10.86	248	72667	39.38	ng #	80
67) Hexachlorobenzene	10.93	284	72031	35.65	ng #	68
68) Atrazine	11.02	200	59820	34.98	ng	99
69) Pentachlorophenol	11.14	266	21177	36.52	ng	98
70) Phenanthrene	11.34	178	359963	38.12	ng	100
71) Anthracene	11.40	178	364301	36.89	ng	98
72) Carbazole	11.55	167	303869	36.17	ng	99
73) Di-n-butylphthalate	11.88	149	398002	36.78	ng #	98
74) Fluoranthene	12.53	202	391024	38.36	ng	95
76) Benzidine	12.65	184	147279	36.62	ng	98
77) Pyrene	12.76	202	386583	37.87	ng	100
79) Butylbenzylphthalate	13.38	149	161318	38.18	ng #	80
80) Benzo(a)anthracene	13.95	228	274476	37.71	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	87179	39.55	ng #	96
82) Chrysene	13.99	228	243500	36.28	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	208595	38.21	ng #	97
84) Di-n-octyl phthalate	14.55	149	298415	38.84	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	251541	37.43	ng	99
87) Benzo(b)fluoranthene	15.00	252	447634	64.81	ng	100
88) Benzo(k)fluoranthene	15.00	252	447634	95.64	ng #	96
89) Benzo(a)pyrene	15.32	252	208212	36.59	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	209481	37.73	ng #	95
91) Benzo(g,h,i)perylene	17.19	276	212150	37.43	ng	98

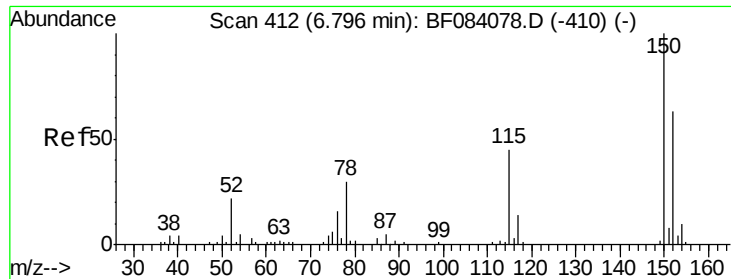
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\  
Data File : BF084082.D  
Acq On    : 24 Dec 2015   16:31  
Operator  : UM/SJ  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Quant Time: Dec 25 01:35:38 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 16:48:39 2015
Response via : Initial Calibration

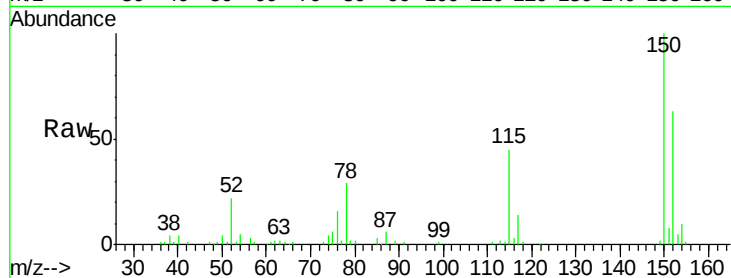




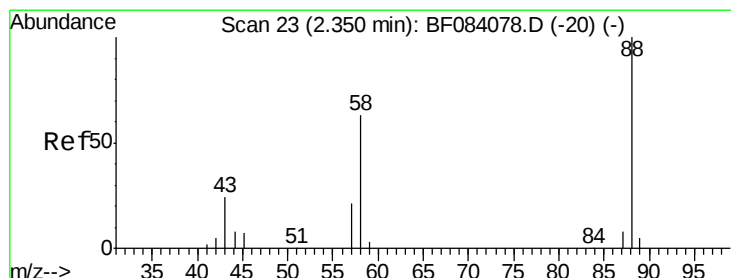
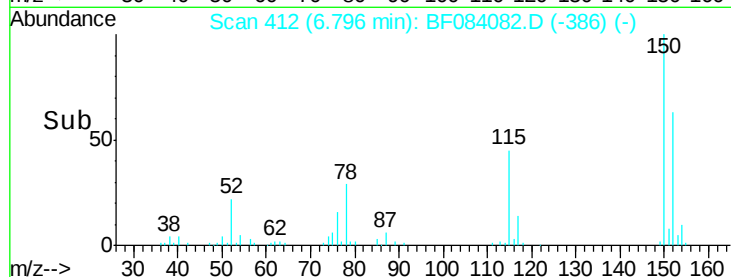
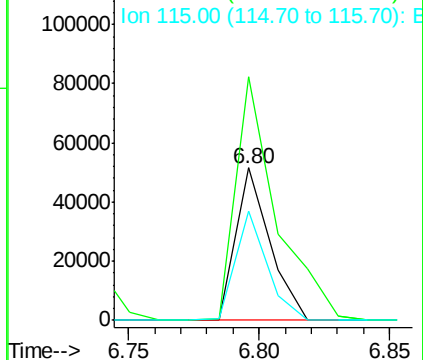
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:152 Resp: 47029
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.0 184.4
 115 71.2 51.4 77.2

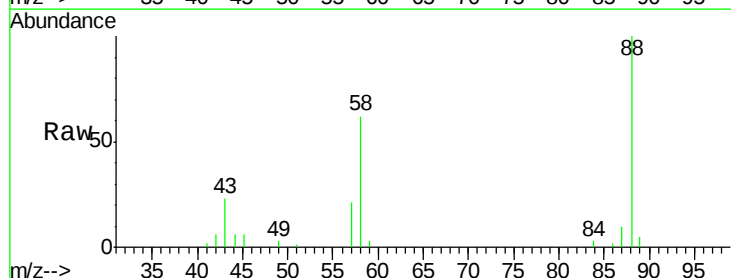


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

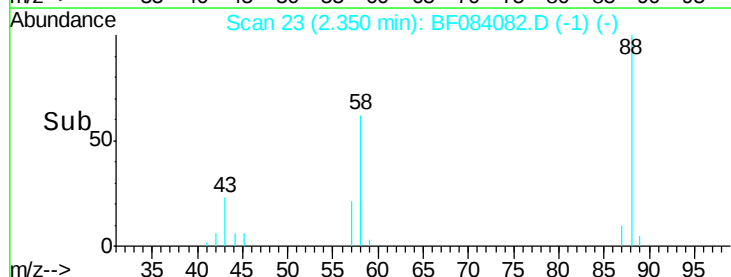
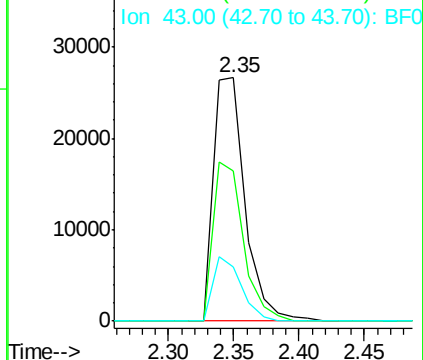


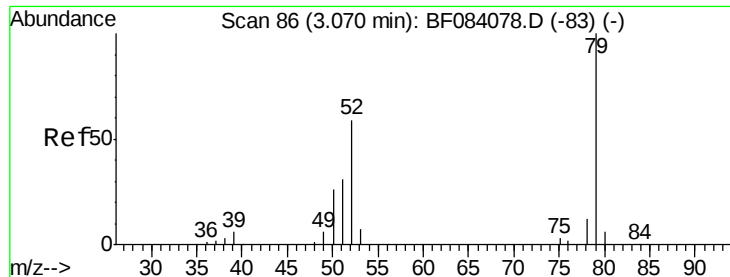
#2
 1,4-Dioxane
 Concen: 39.74 ng
 RT: 2.35 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion: 88 Resp: 45183
 Ion Ratio Lower Upper
 88 100
 58 62.0 51.2 76.8
 43 23.6 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

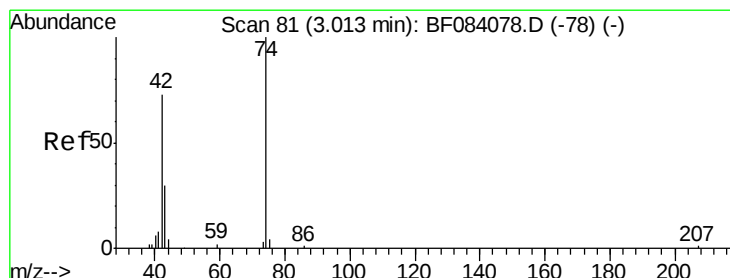
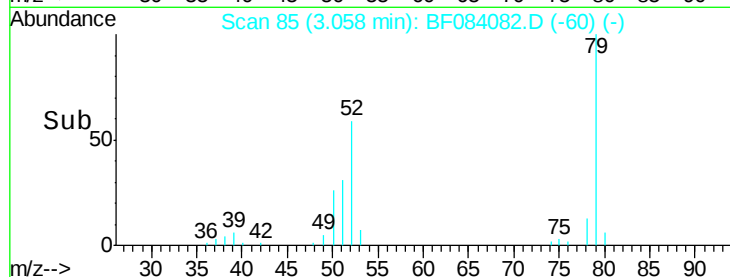
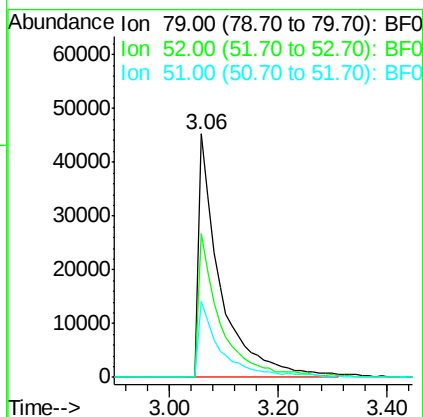
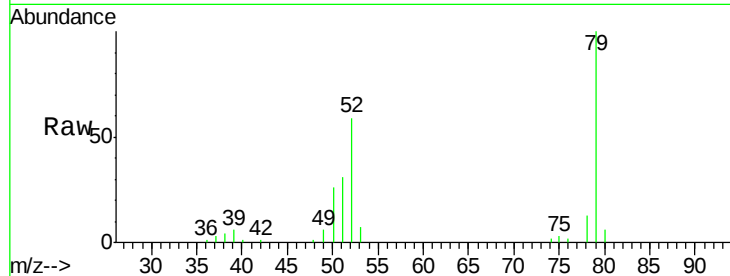




#3
 Pyridine
 Concen: 45.04 ng
 RT: 3.06 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

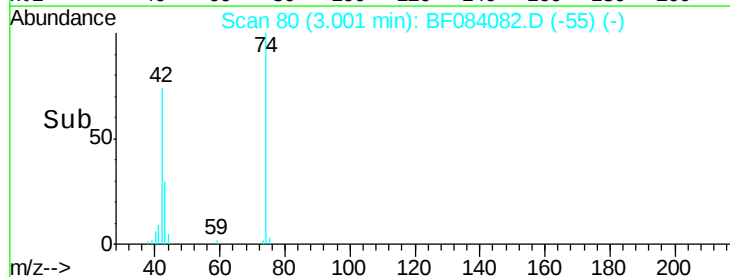
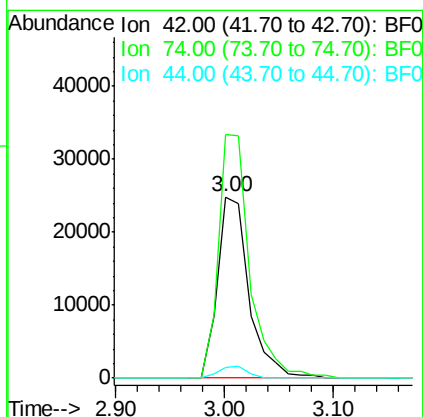
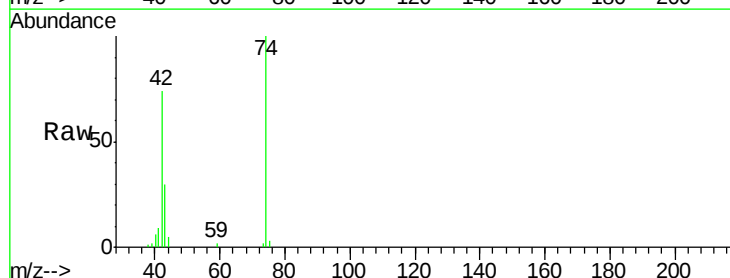
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

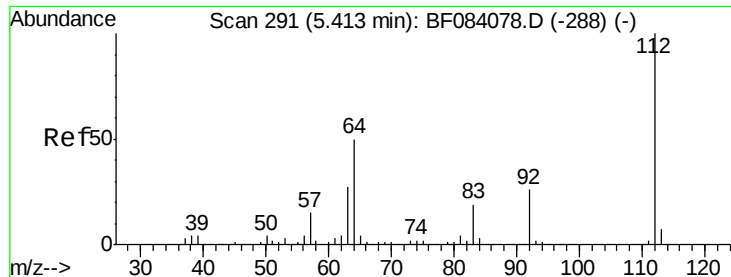
Tgt Ion: 79 Resp: 125064
 Ion Ratio Lower Upper
 79 100
 52 59.1 49.0 73.4
 51 31.0 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 40.71 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.01 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion: 42 Resp: 49807
 Ion Ratio Lower Upper
 42 100
 74 134.5 115.7 173.5
 44 6.1 5.1 7.7





#5

2-Fluorophenol

Concen: 79.92 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

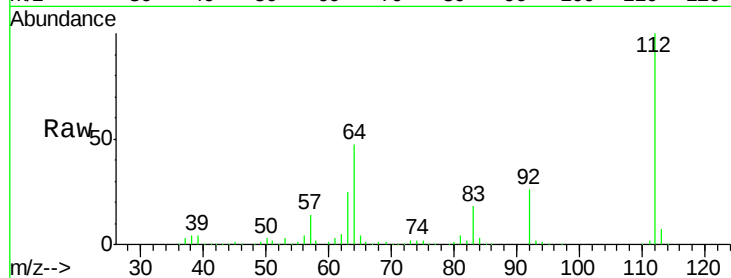
Tgt Ion: 112 Resp: 221679

Ion Ratio Lower Upper

112 100

64 46.8 36.6 55.0

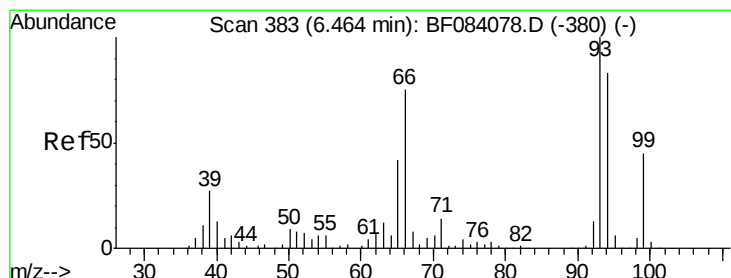
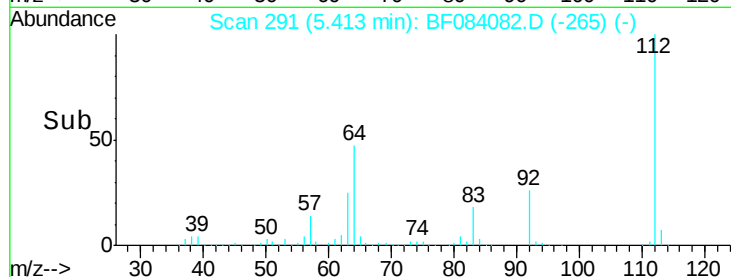
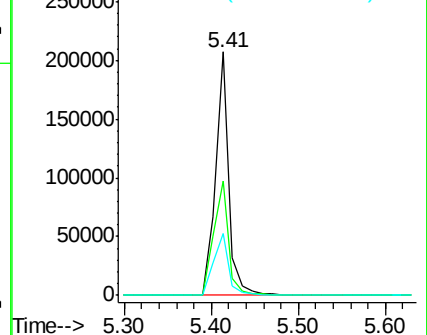
63 25.5 19.4 29.0



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: 39.80 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

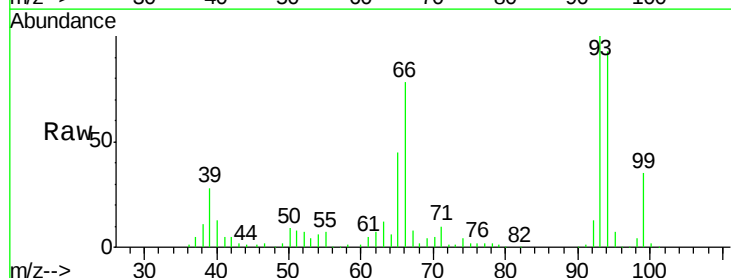
Tgt Ion: 93 Resp: 172694

Ion Ratio Lower Upper

93 100

66 78.5 44.9 67.3#

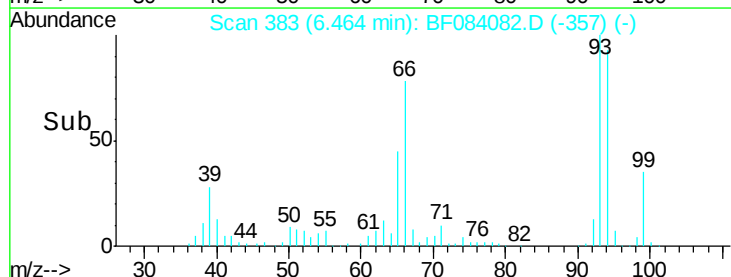
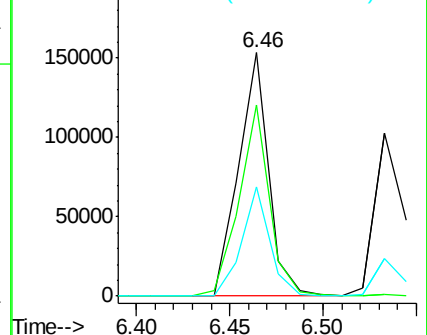
65 44.7 23.7 35.5#

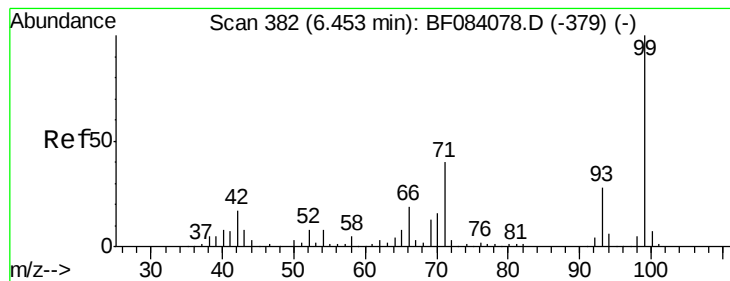


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.15 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

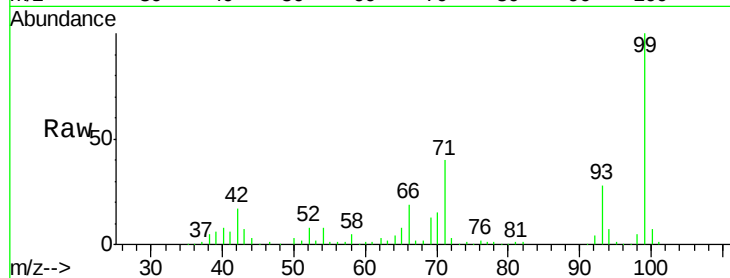
Tgt Ion: 99 Resp: 254514

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

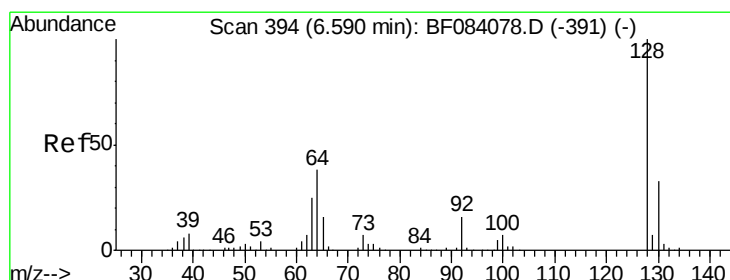
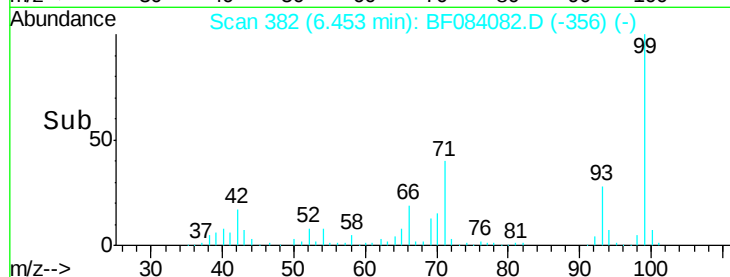
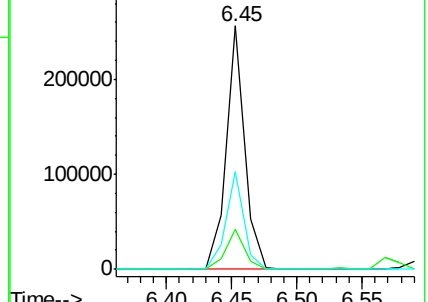
71 40.1 30.9 46.3



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: 39.05 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

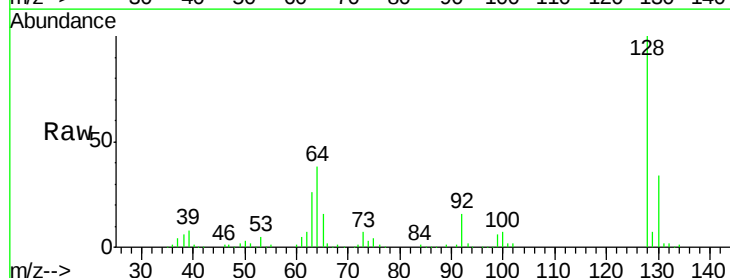
Tgt Ion: 128 Resp: 134506

Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

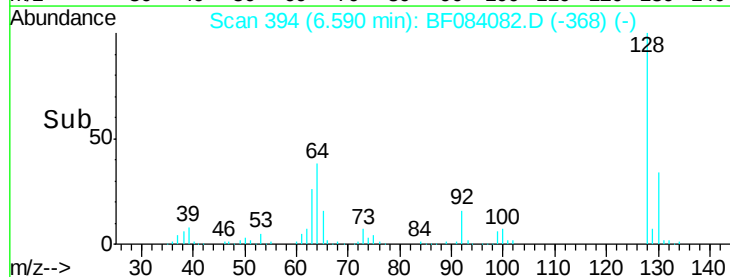
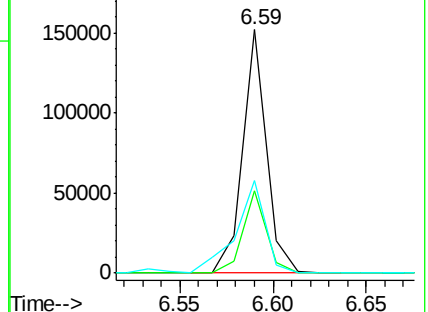
64 38.2 23.8 63.8

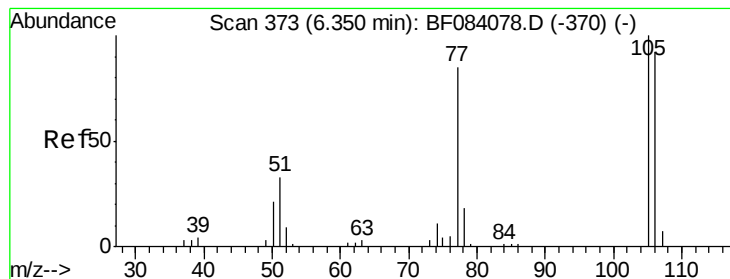


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.43 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

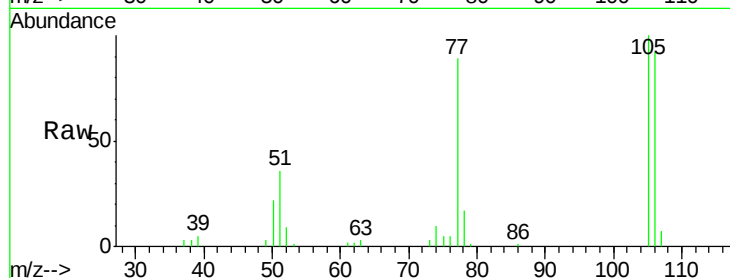
Tgt Ion: 77 Resp: 68707

Ion Ratio Lower Upper

77 100

105 112.9 83.0 123.0

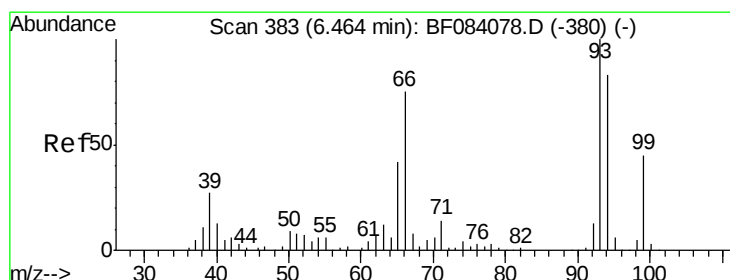
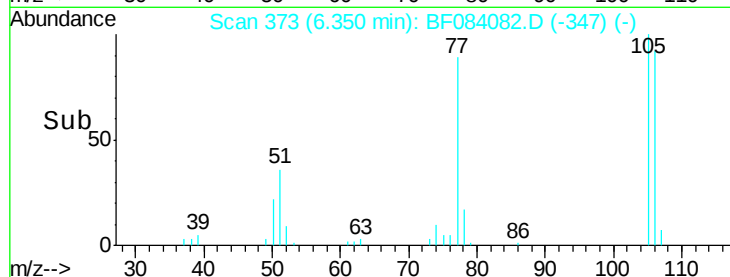
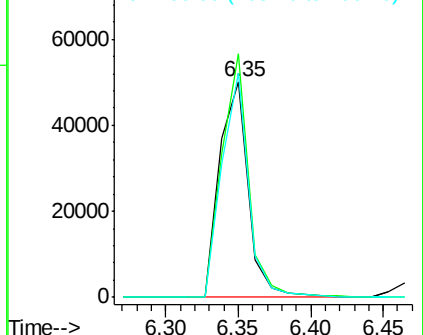
106 104.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.00 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

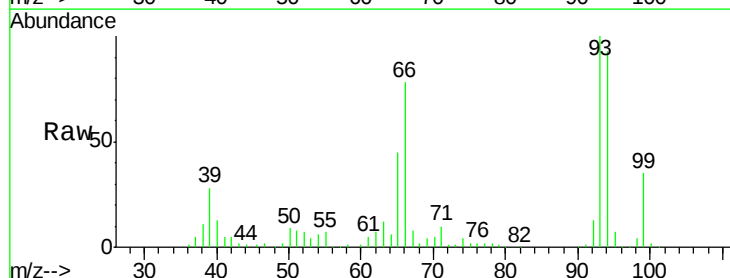
Tgt Ion: 94 Resp: 145268

Ion Ratio Lower Upper

94 100

65 48.0 12.9 52.9

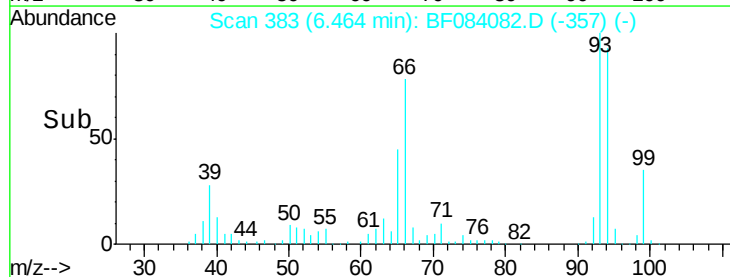
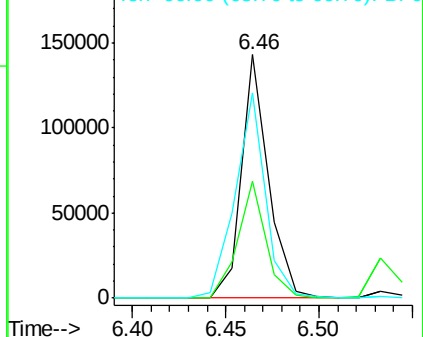
66 84.2 32.7 72.7#

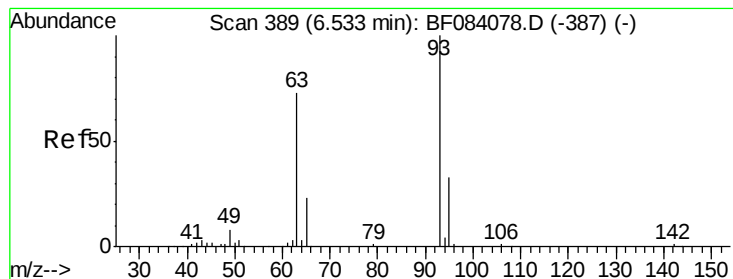


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.59 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

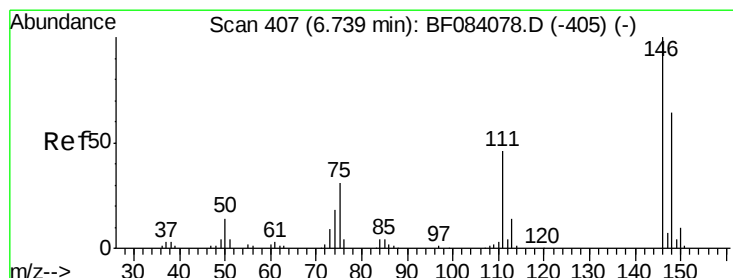
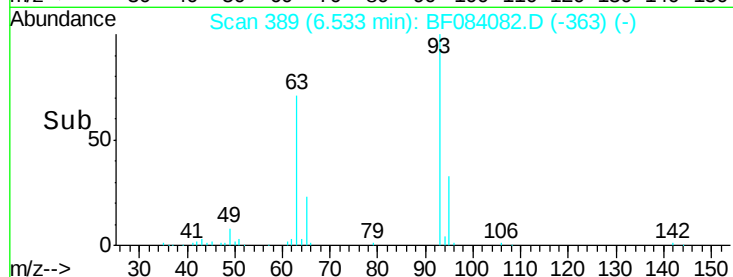
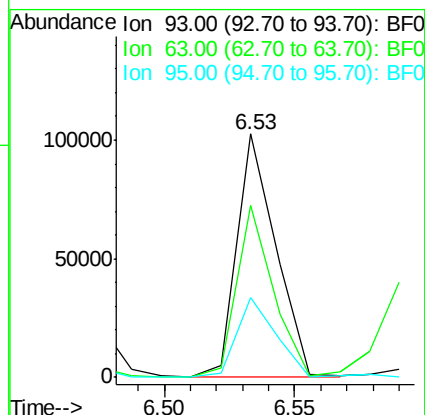
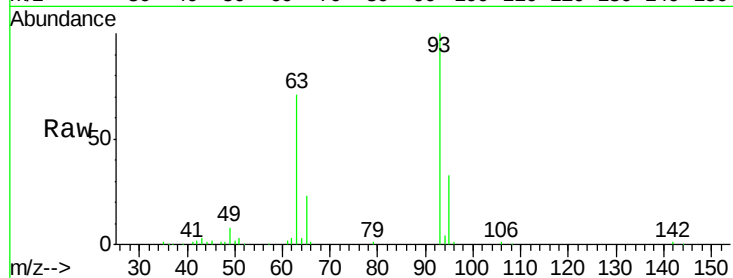
Tgt Ion: 93 Resp: 106413

Ion Ratio Lower Upper

93 100

63 70.6 45.9 85.9

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.97 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

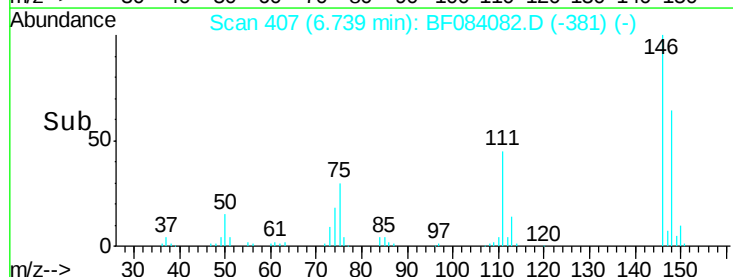
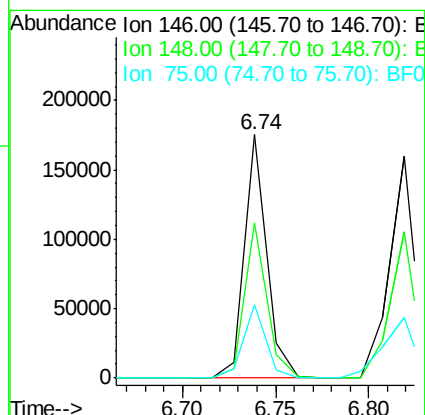
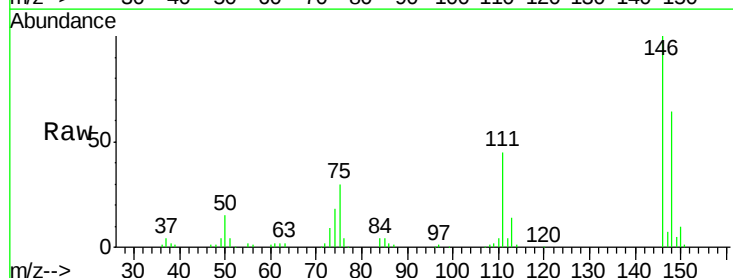
Tgt Ion: 146 Resp: 146571

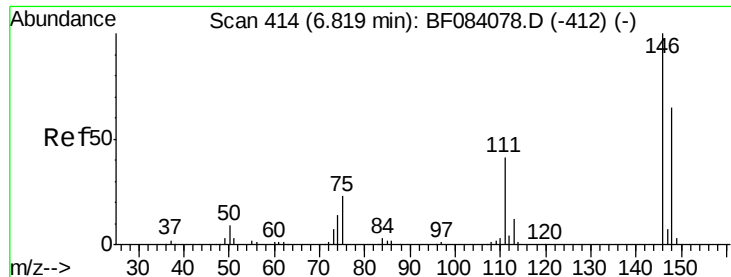
Ion Ratio Lower Upper

146 100

148 63.7 51.9 77.9

75 30.4 20.5 30.7

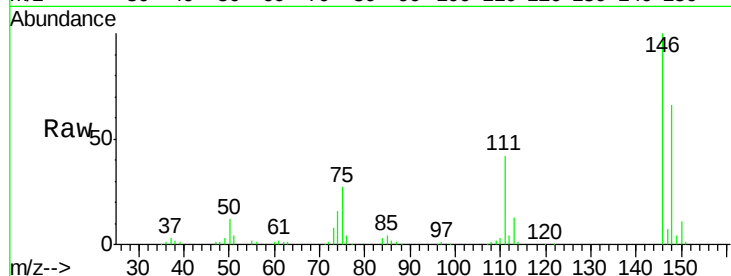




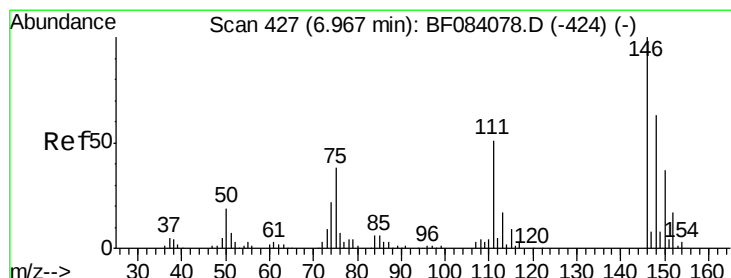
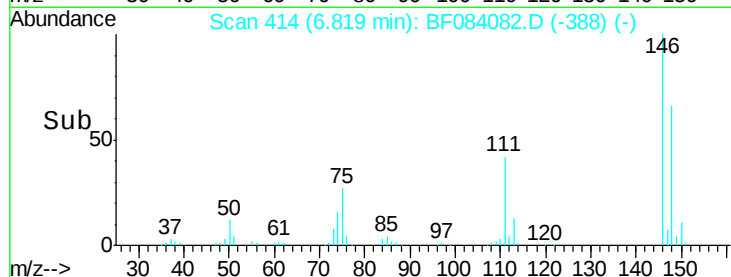
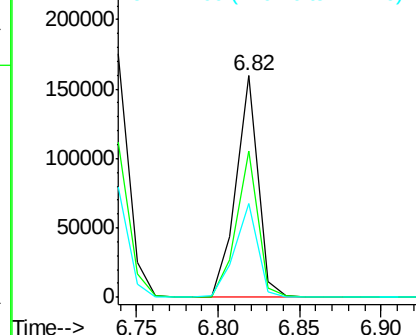
#13
 1,4-Dichlorobenzene
 Concen: 39.08 ng
 RT: 6.82 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:146 Resp: 147882
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 42.2 41.6 62.4

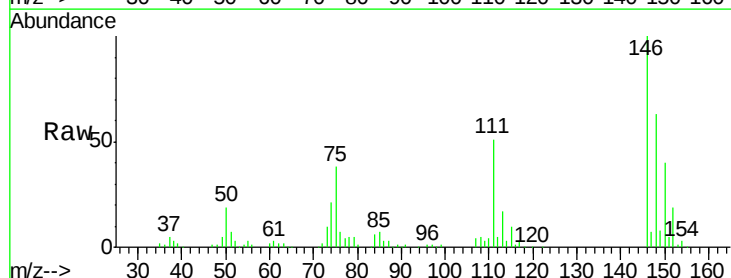


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

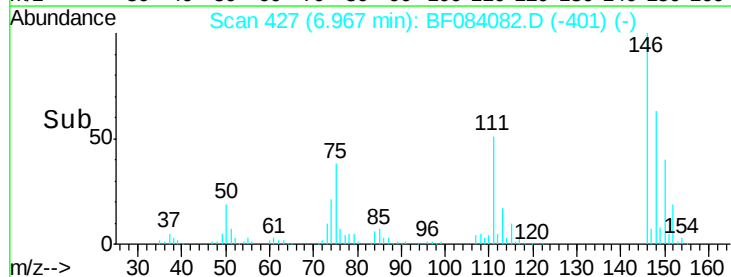
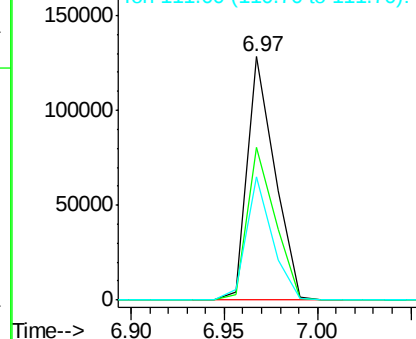


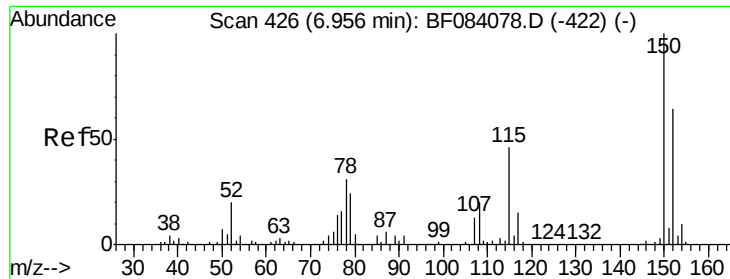
#14
 1,2-Dichlorobenzene
 Concen: 37.58 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:146 Resp: 131071
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.6 77.4
 111 50.6 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

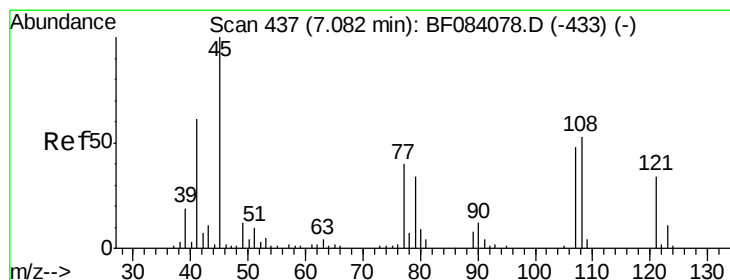
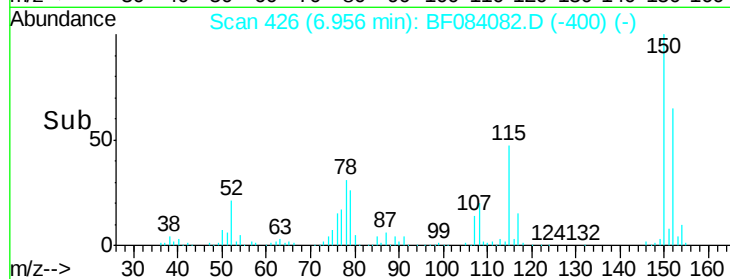
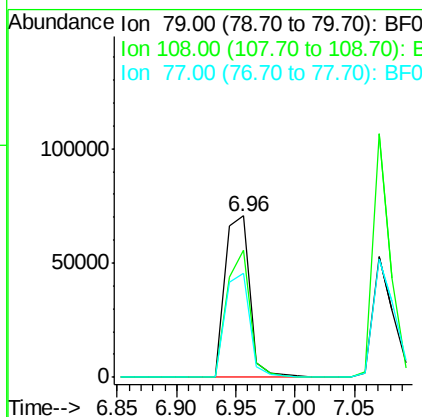
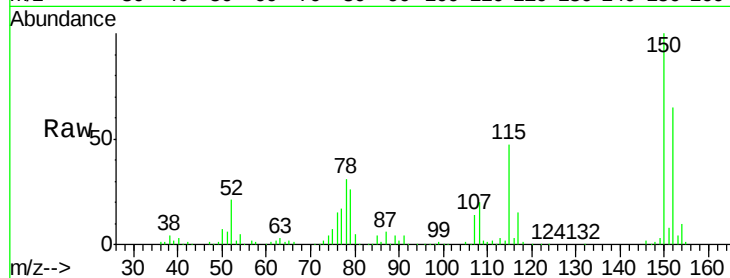




#15
Benzyl Alcohol
Concen: 39.01 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

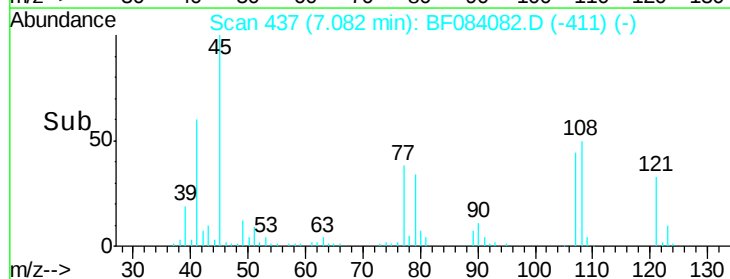
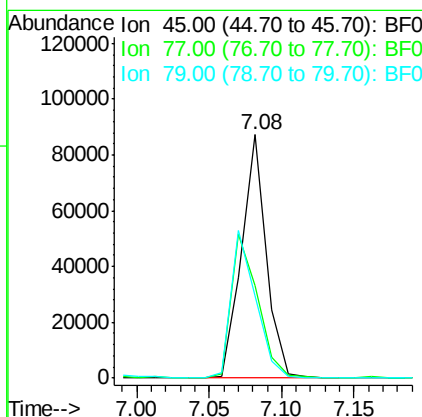
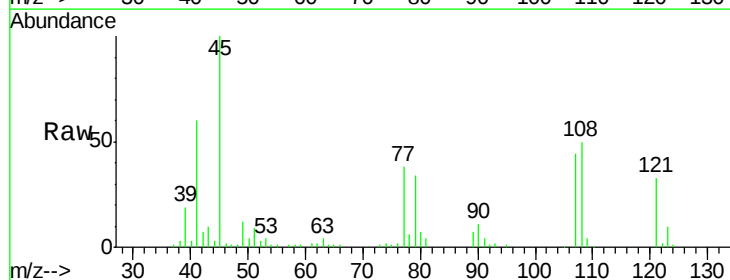
Instrument :
BNA_F
ClientSampleId :
ICVBF122415

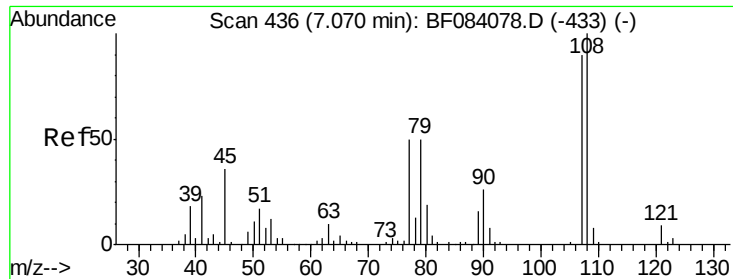
Tgt Ion: 79 Resp: 101398
Ion Ratio Lower Upper
79 100
108 78.7 69.0 103.4
77 64.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.27 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion: 45 Resp: 103068
Ion Ratio Lower Upper
45 100
77 37.9 0.0 39.6
79 33.7 0.0 35.0

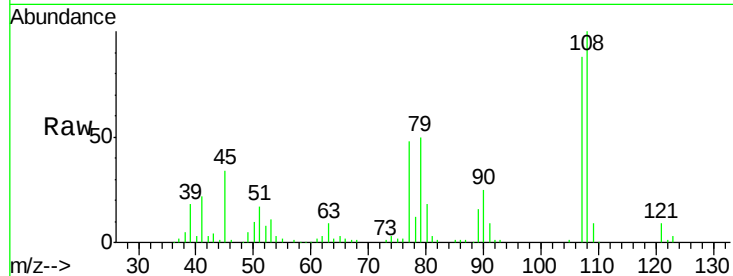




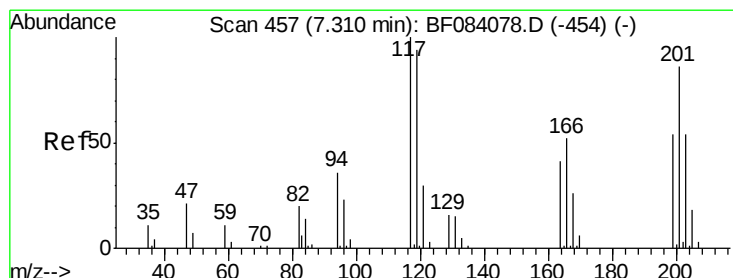
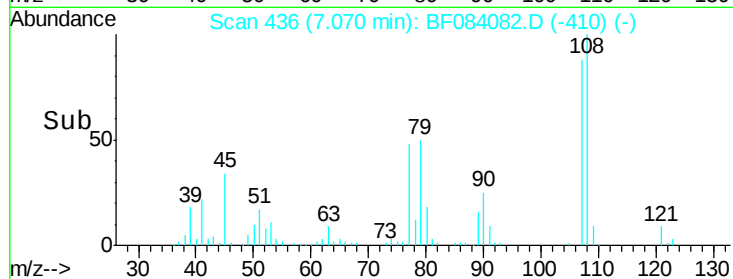
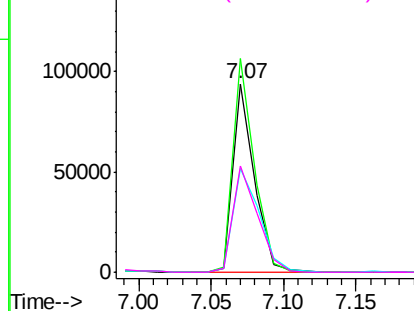
#17
2-Methylphenol
Concen: 36.37 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion:107 Resp: 96196
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 54.9 35.7 53.5#
79 56.1 35.7 53.5#

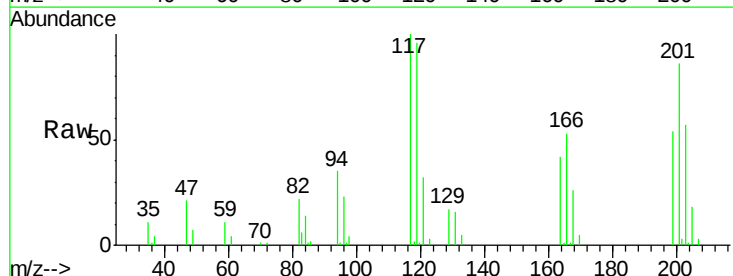


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

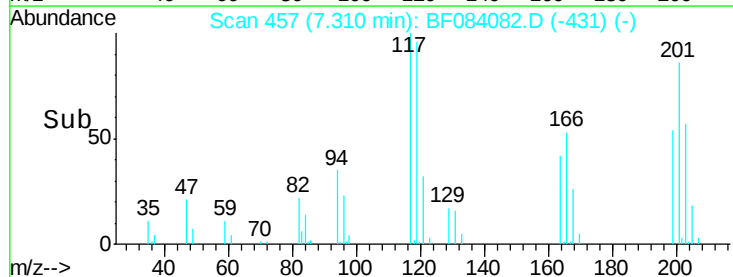
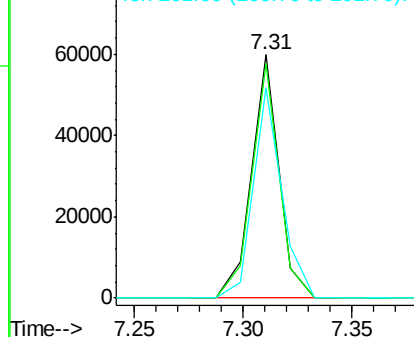


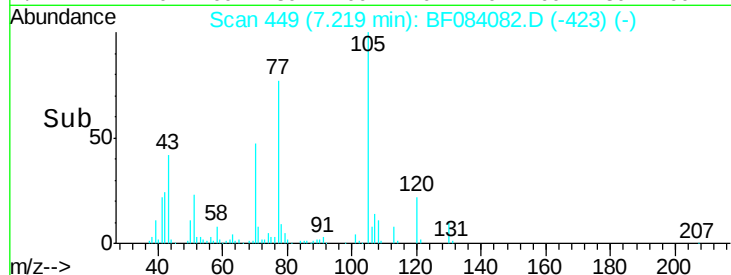
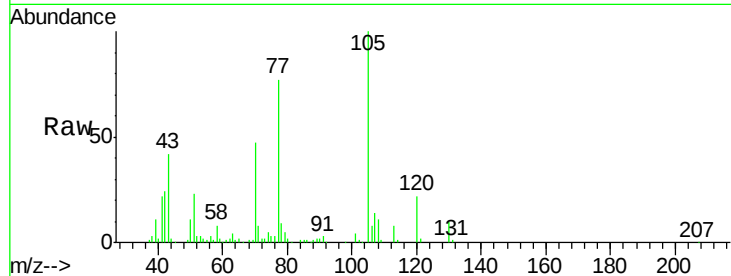
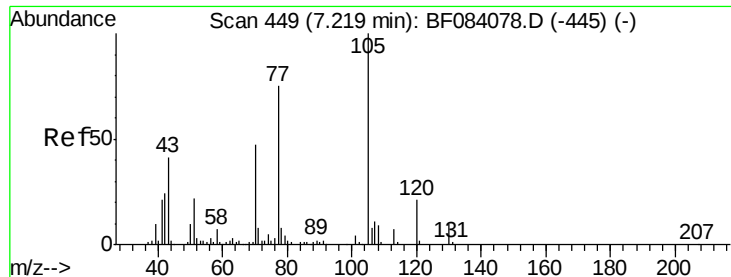
#18
Hexachloroethane
Concen: 37.82 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:117 Resp: 52231
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 86.4 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

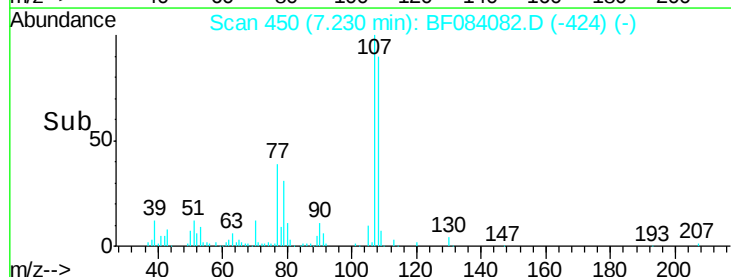
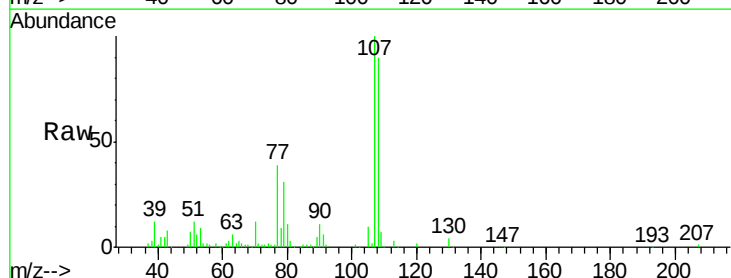
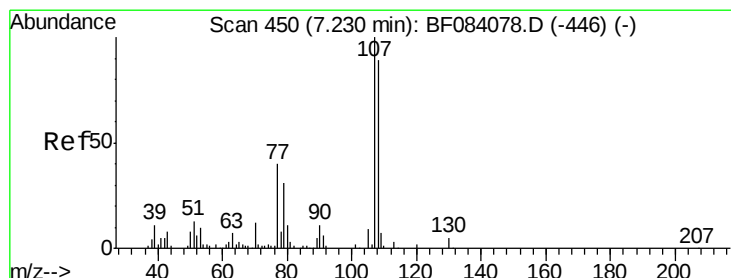
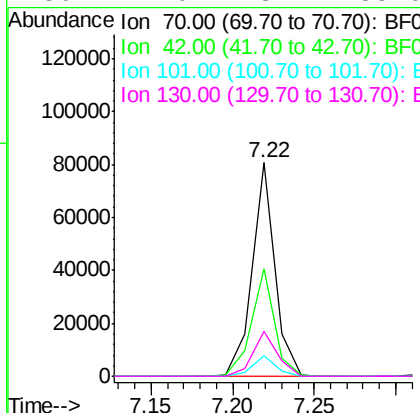




#19
n-Nitroso-di-n-propylamine
Concen: 36.82 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

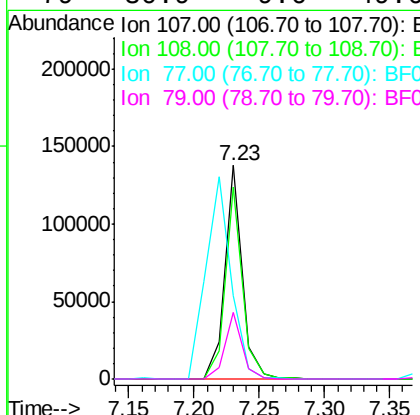
Instrument :
BNA_F
ClientSampleId :
ICVBF122415

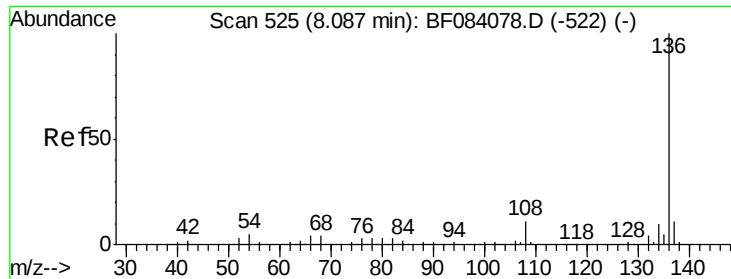
Tgt Ion: 70 Resp: 77852
Ion Ratio Lower Upper
70 100
42 50.4 33.3 49.9#
101 9.5 9.3 13.9
130 21.0 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion: 107 Resp: 128949
Ion Ratio Lower Upper
107 100
108 89.6 64.1 104.1
77 39.1 128.9 168.9#
79 30.9 9.6 49.6

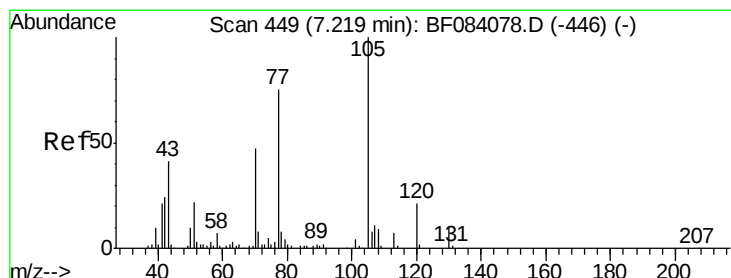
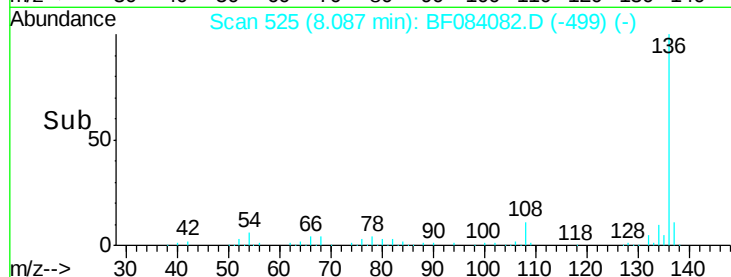
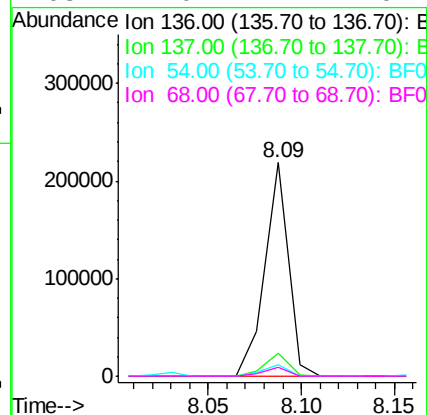
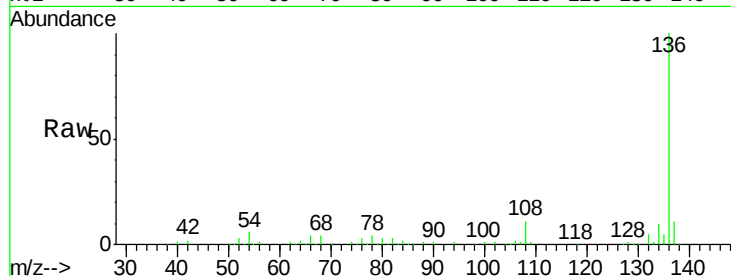




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

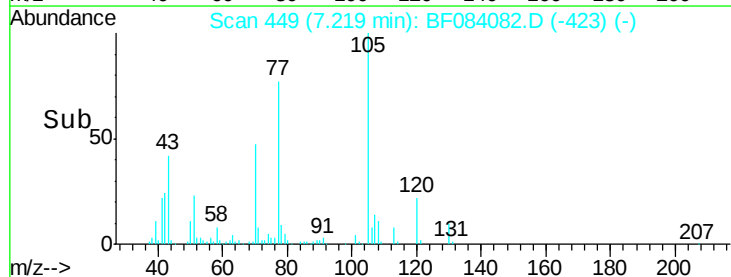
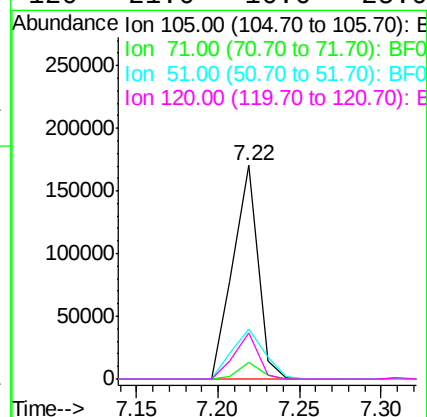
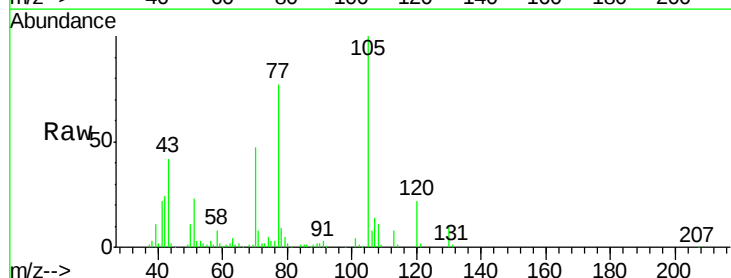
Instrument :
BNA_F
ClientSampleId :
ICVBF122415

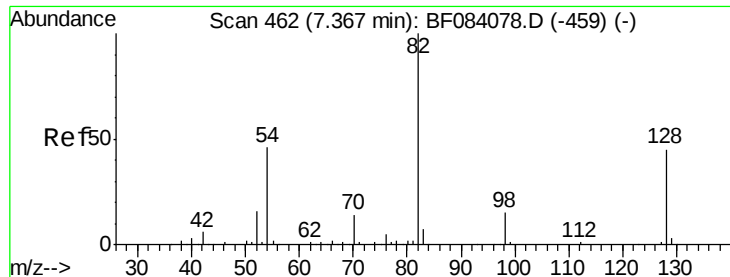
Tgt Ion:	136	Resp:	189632
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.6	5.8	8.8#
68	4.0	4.2	6.2#



#22
Acetophenone
Concen: 38.09 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:	105	Resp:	180485
Ion	Ratio	Lower	Upper
105	100		
71	7.7	3.7	5.5#
51	23.2	25.1	37.7#
120	21.6	16.6	25.0

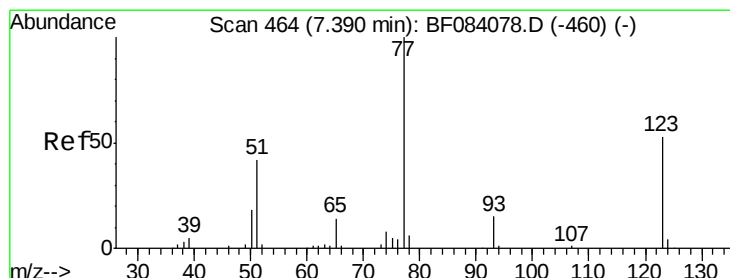
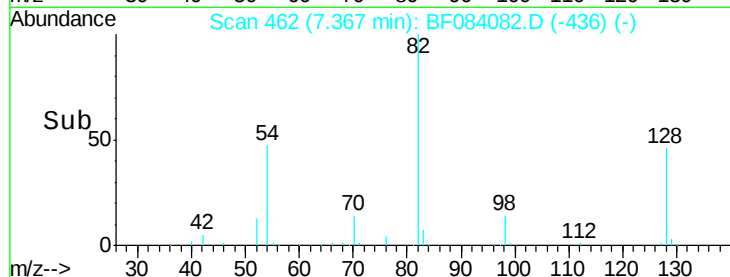
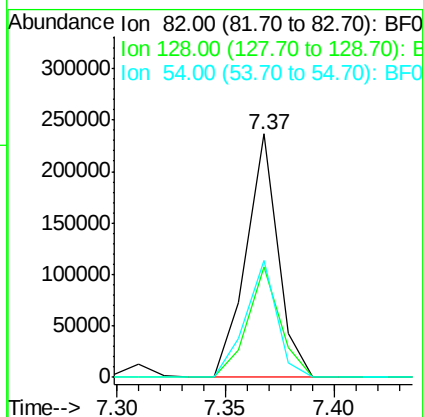
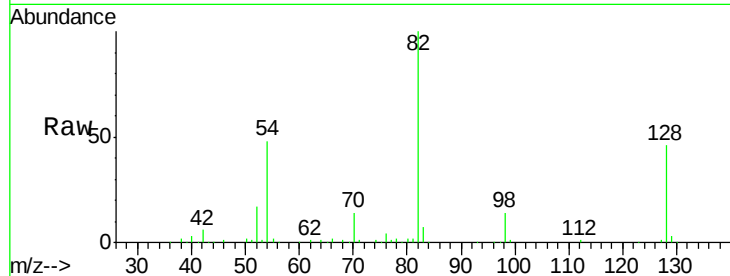




#23
 Nitrobenzene-d5
 Concen: 74.42 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

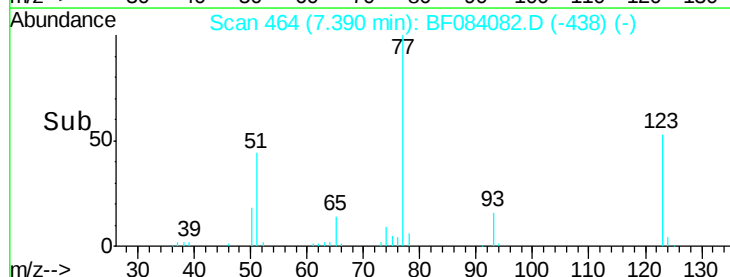
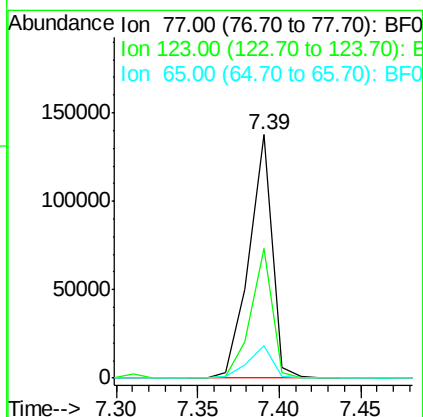
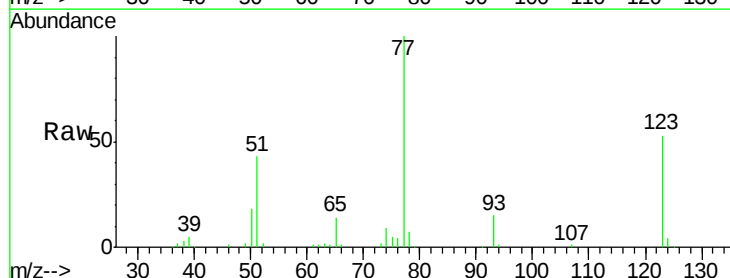
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

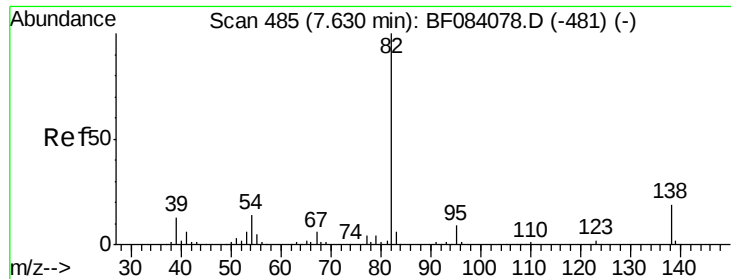
Tgt Ion: 82 Resp: 241101
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.6 51.8
 54 48.0 38.4 57.6



#24
 Nitrobenzene
 Concen: 39.47 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion: 77 Resp: 135789
 Ion Ratio Lower Upper
 77 100
 123 53.2 37.4 56.2
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 37.45 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

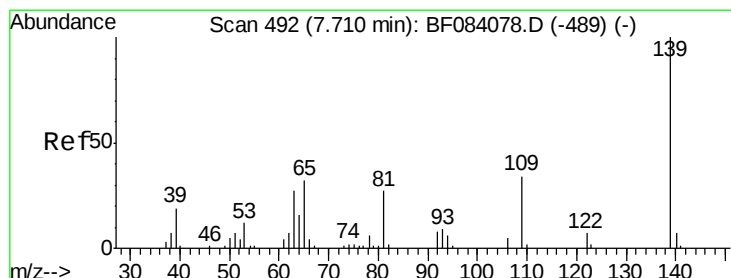
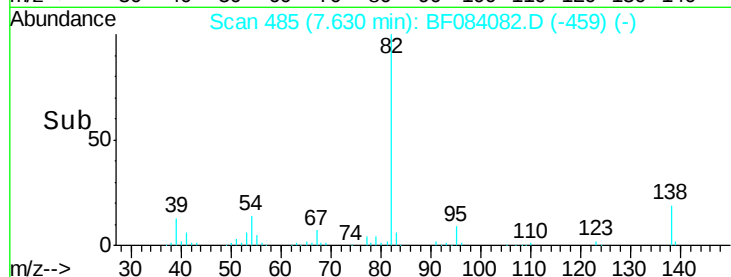
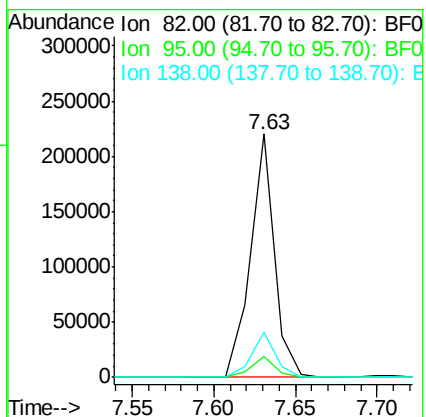
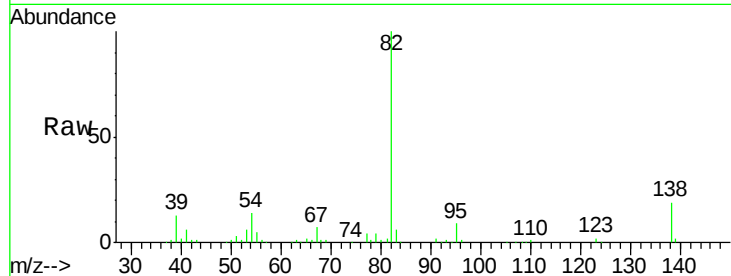
Tgt Ion: 82 Resp: 224438

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

138 18.8 13.6 20.4



#26

2-Nitrophenol

Concen: 39.36 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

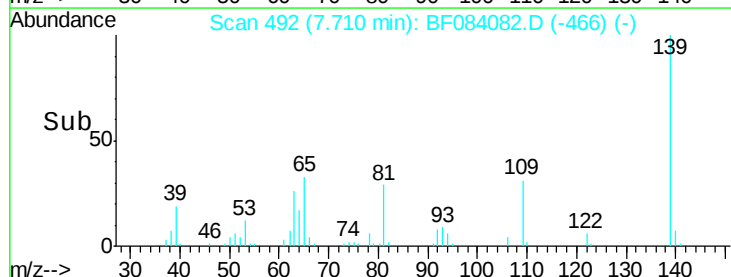
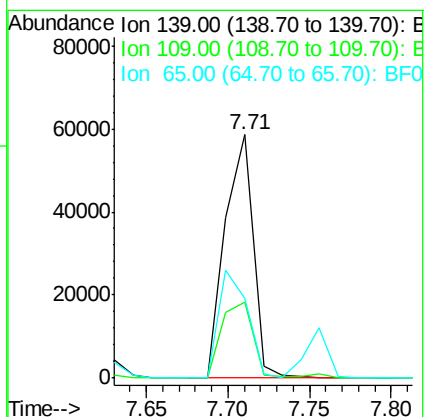
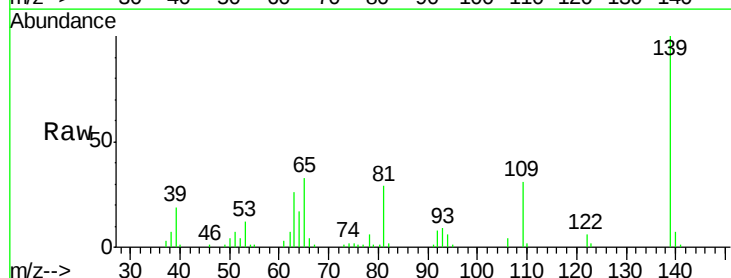
Tgt Ion: 139 Resp: 69294

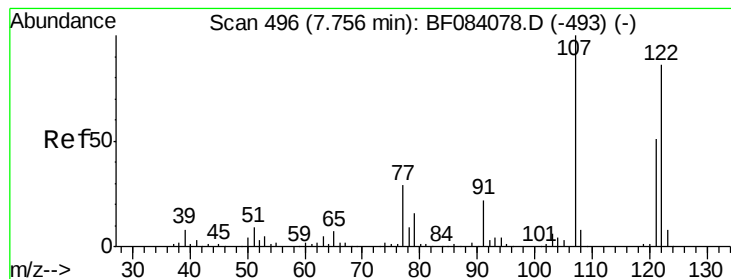
Ion Ratio Lower Upper

139 100

109 31.0 25.4 38.2

65 32.8 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

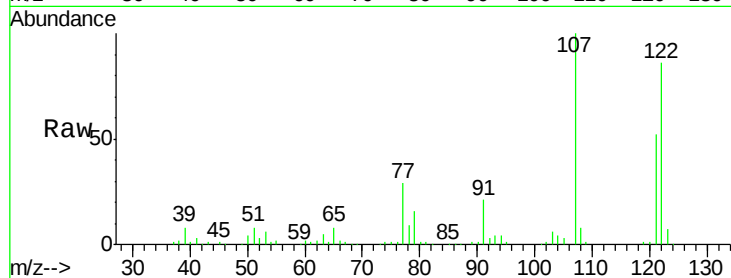
Tgt Ion:122 Resp: 119777

Ion Ratio Lower Upper

122 100

107 116.3 99.1 148.7

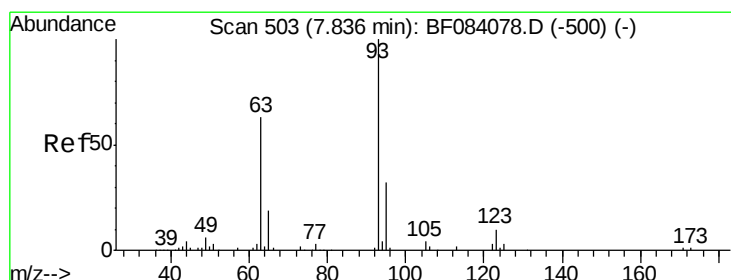
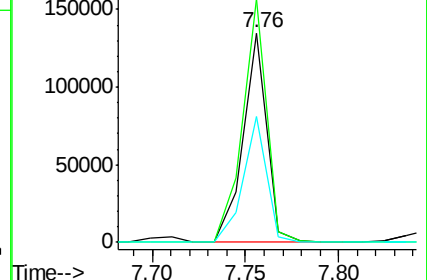
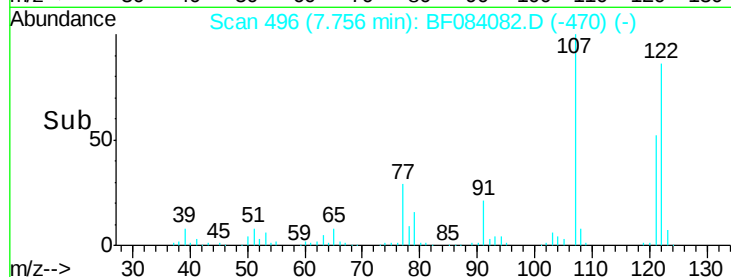
121 60.2 47.9 71.9



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: 34.15 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

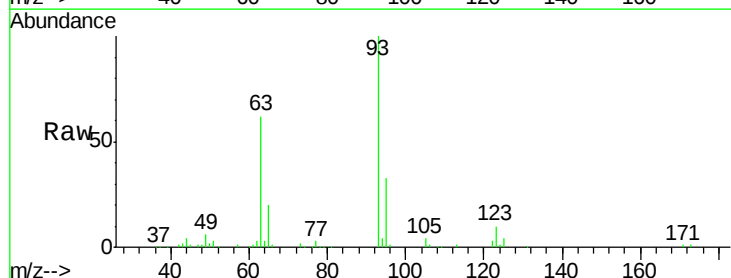
Tgt Ion: 93 Resp: 119327

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

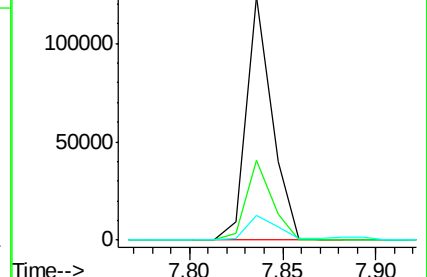
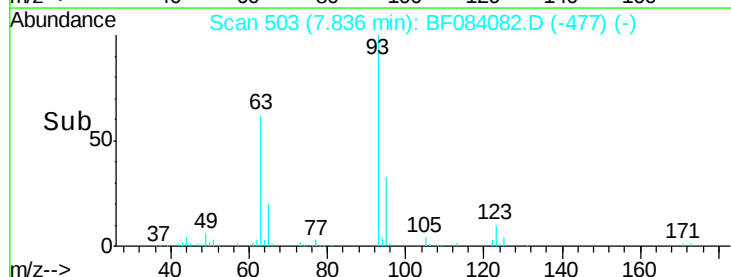
123 10.4 8.6 12.8

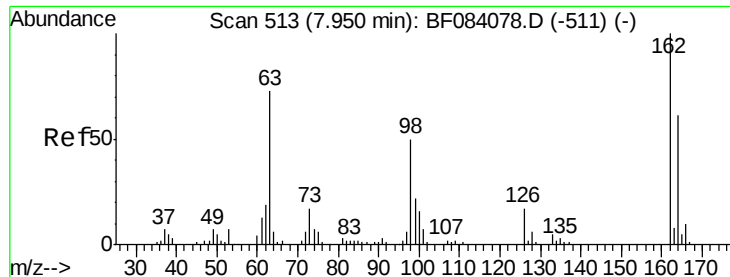


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

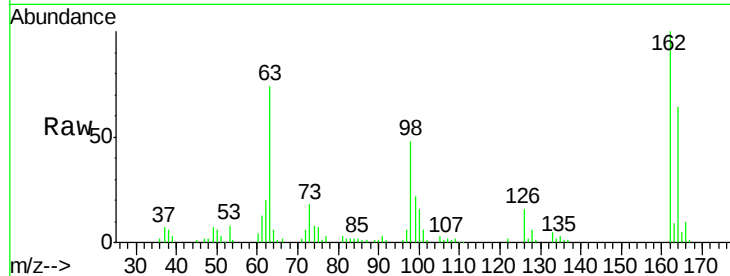




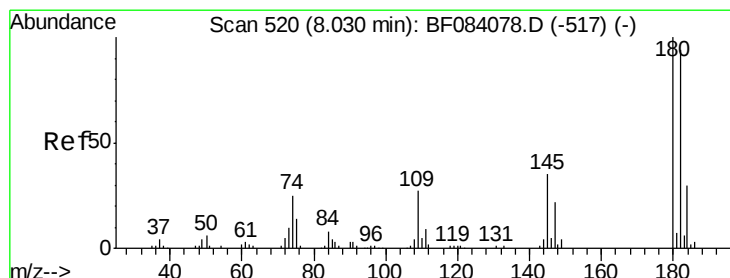
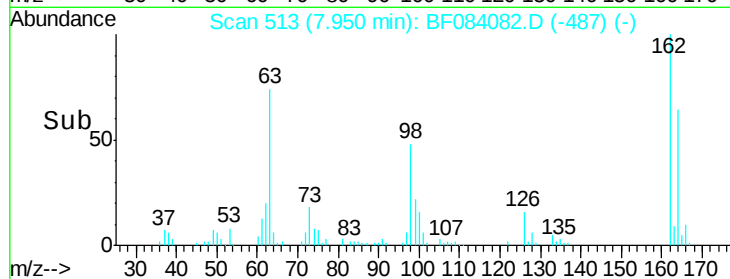
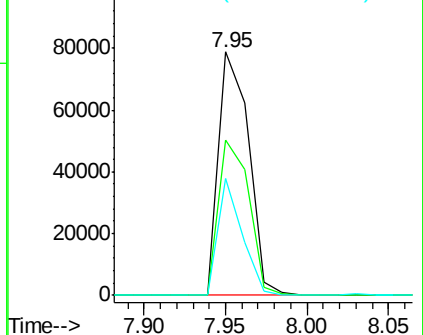
#29
2,4-Dichlorophenol
Concen: 36.99 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion:162 Resp: 100379
Ion Ratio Lower Upper
162 100
164 63.6 44.1 84.1
98 47.8 20.2 60.2

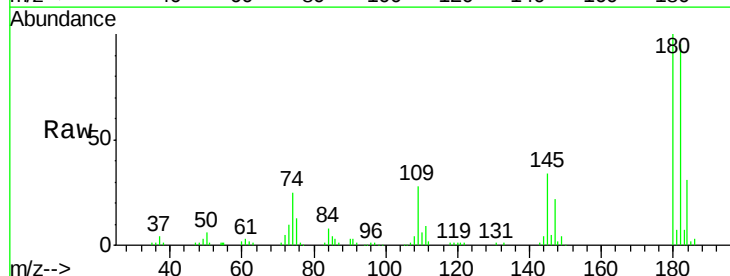


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

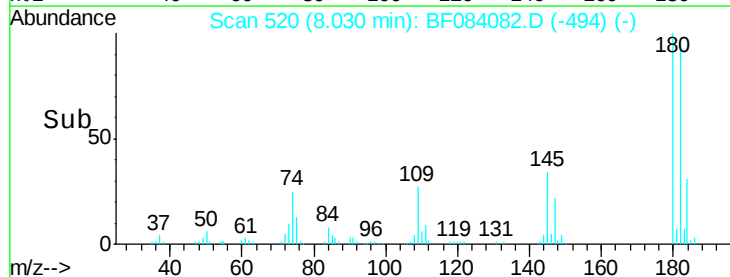
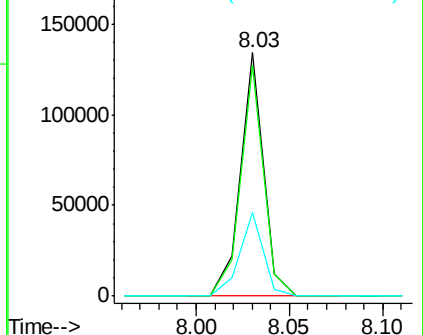


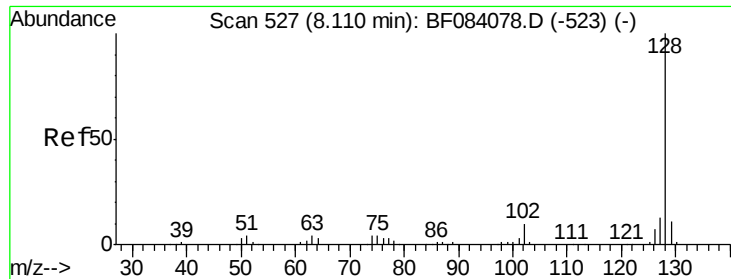
#30
1,2,4-Trichlorobenzene
Concen: 39.02 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:180 Resp: 116044
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 34.2 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

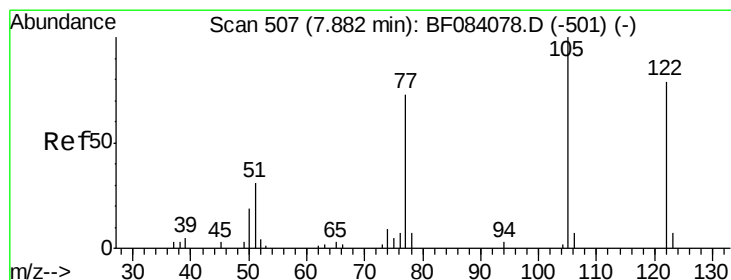
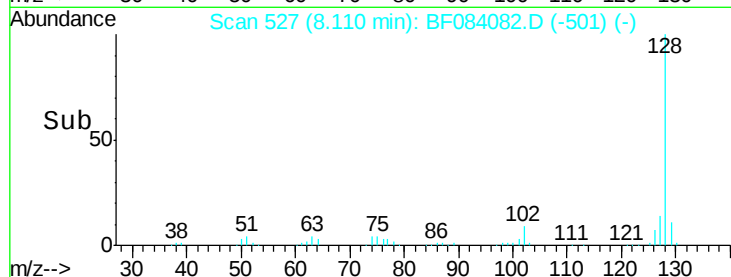
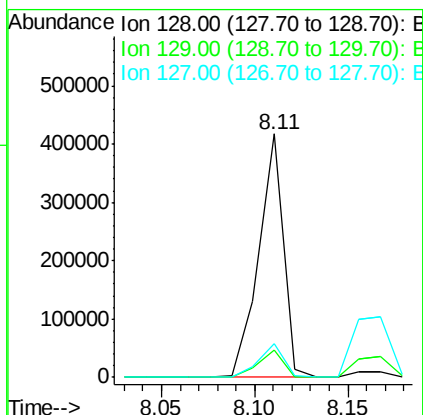
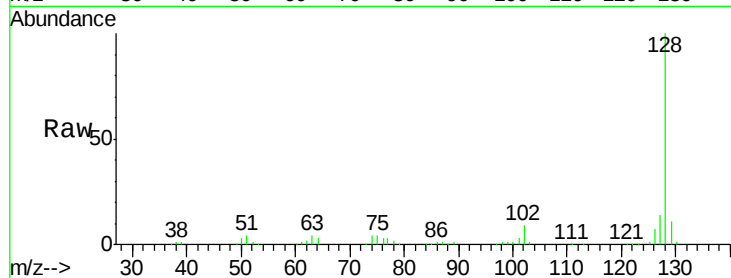




#31
Naphthalene
Concen: 38.46 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

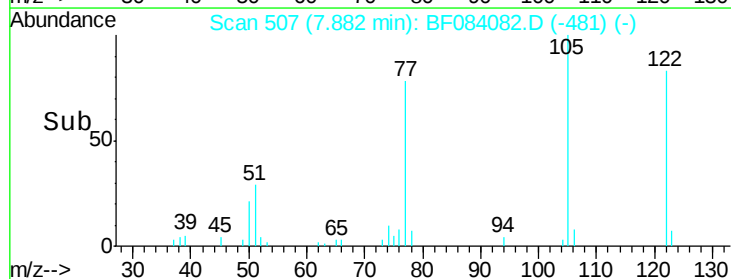
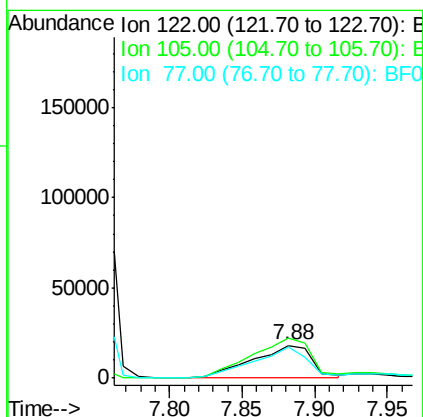
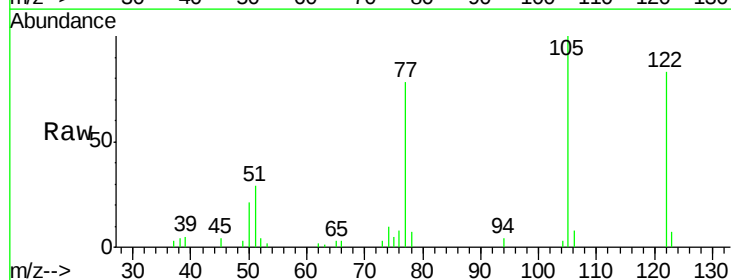
Instrument :
BNA_F
ClientSampleId :
ICVBF122415

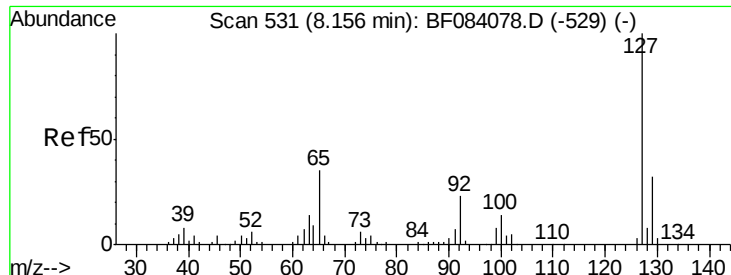
Tgt Ion:128 Resp: 388030
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 36.68 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:122 Resp: 51392
Ion Ratio Lower Upper
122 100
105 121.1 100.3 140.3
77 93.9 63.5 103.5

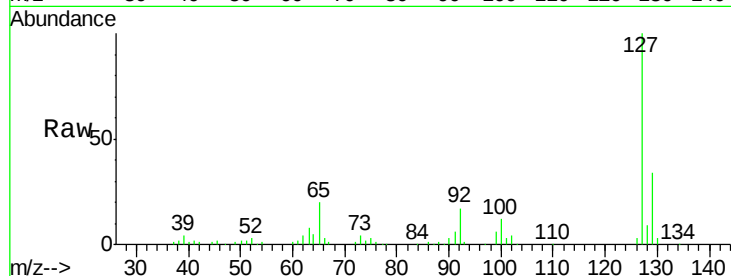




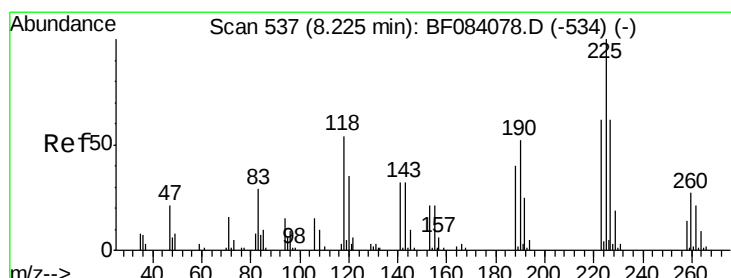
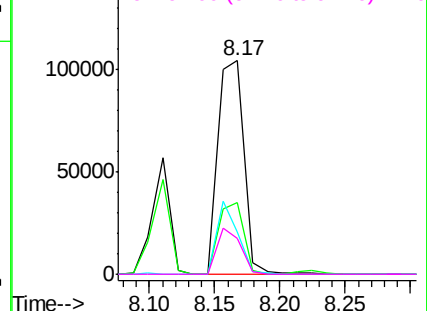
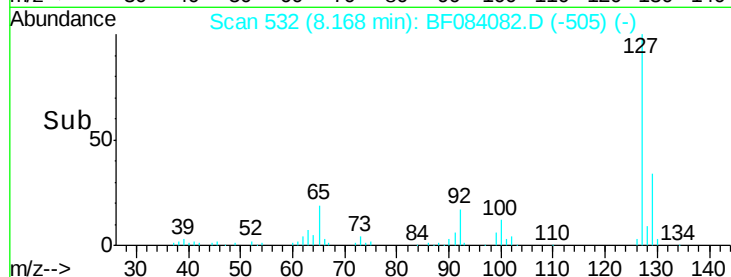
#33
4-Chloroaniline
Concen: 36.43 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion:	127	Resp:	146242
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	20.0	27.2	40.8#
92	16.6	17.7	26.5#

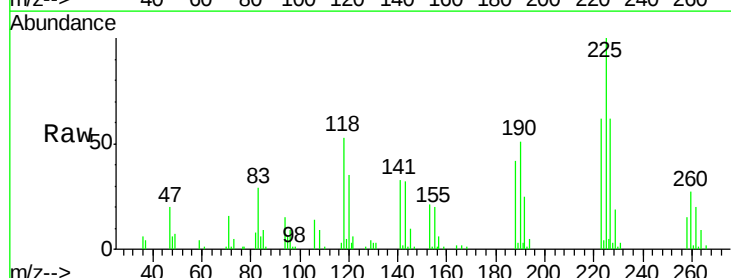


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

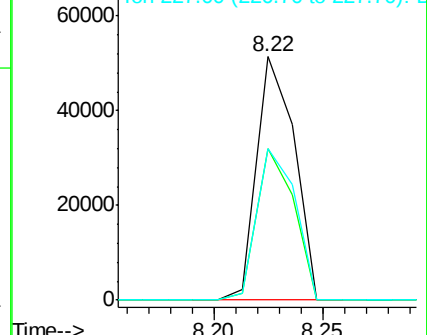
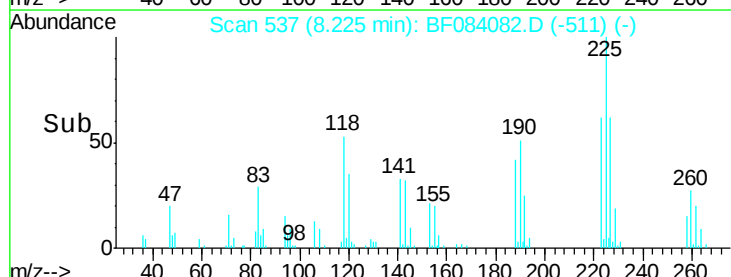


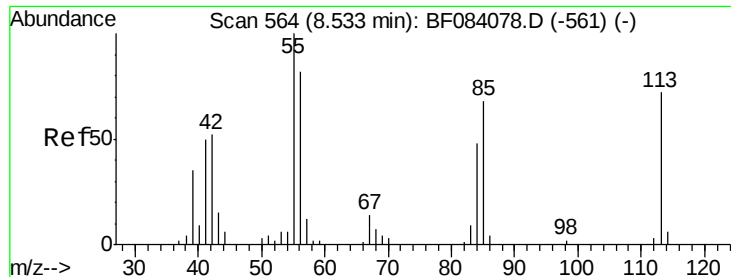
#34
Hexachlorobutadiene
Concen: 36.66 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:	225	Resp:	62176
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.4	74.0
227	62.1	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

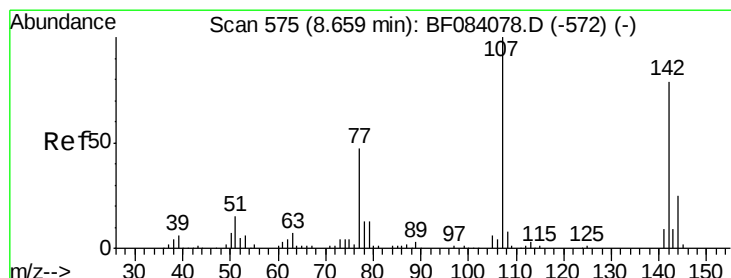
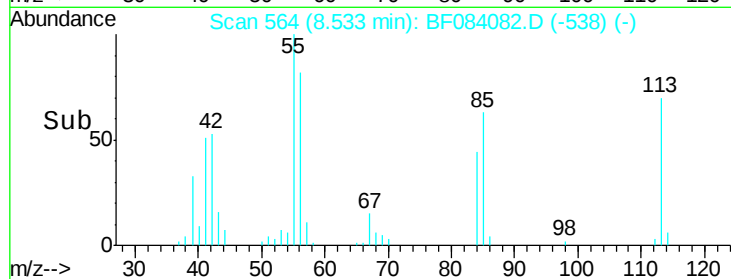
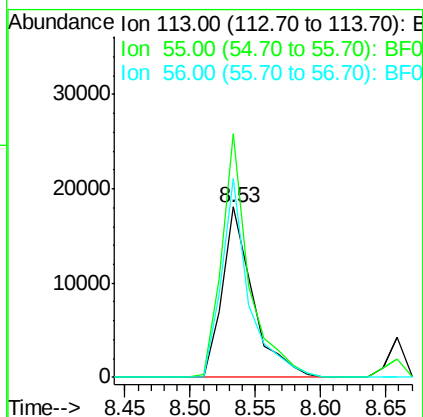
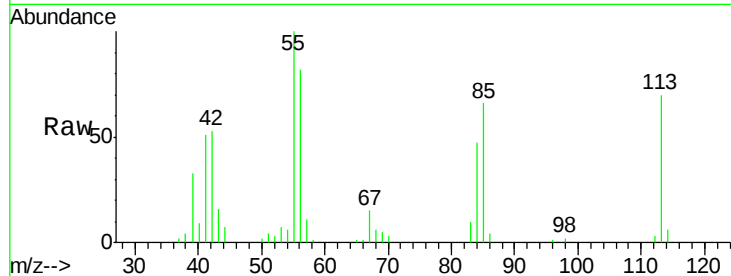




#35
 Caprolactam
 Concen: 39.14 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

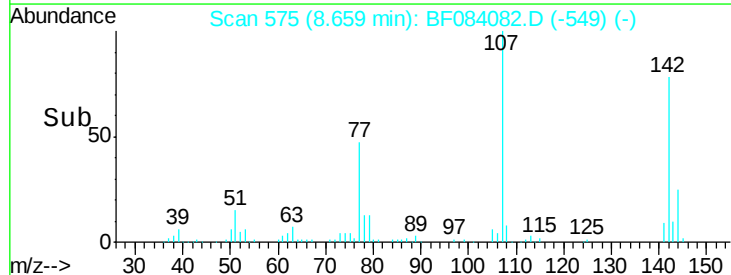
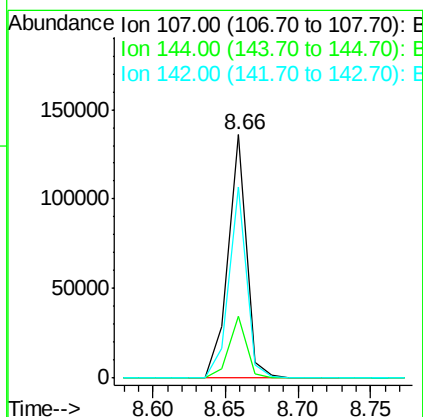
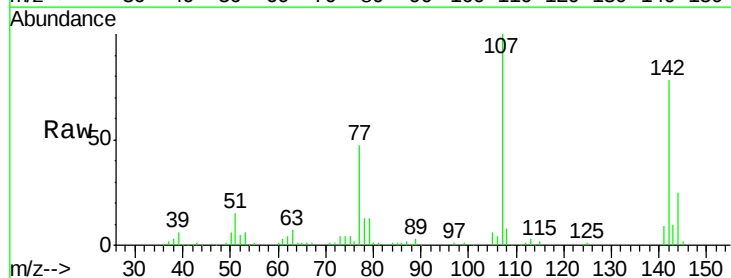
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

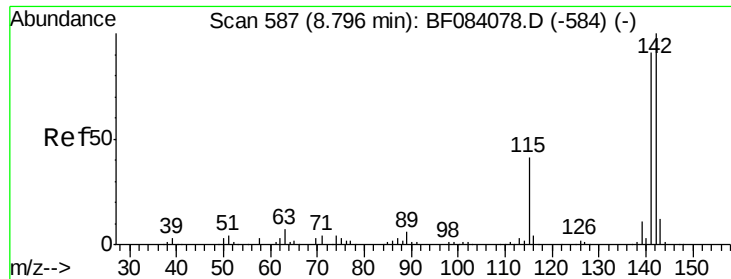
Tgt Ion:113 Resp: 29456
 Ion Ratio Lower Upper
 113 100
 55 142.7 116.9 156.9
 56 116.4 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.55 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:107 Resp: 120670
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.7 29.5
 142 78.5 61.8 92.6

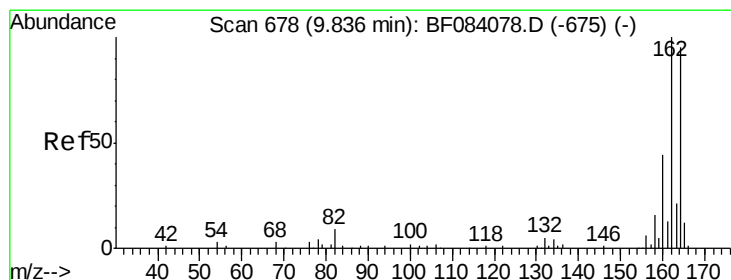
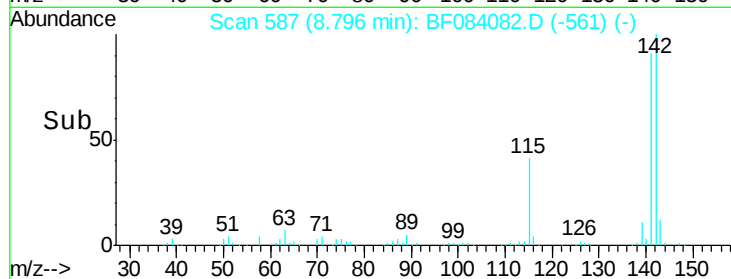
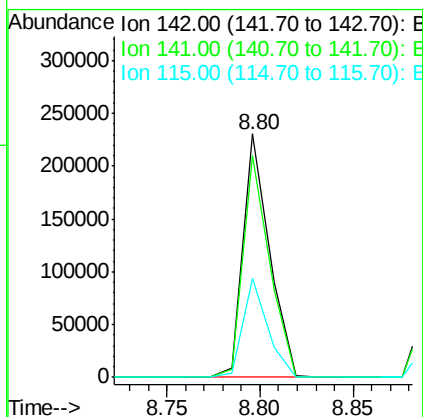
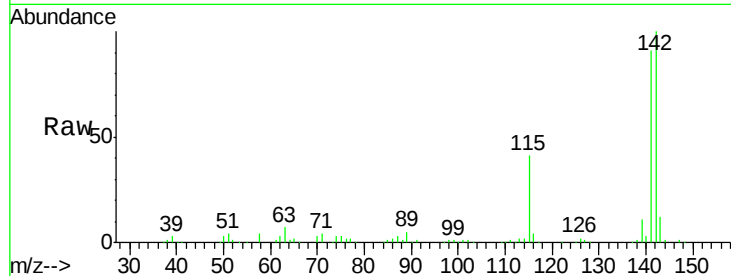




#37
 2-Methylnaphthalene
 Concen: 35.97 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

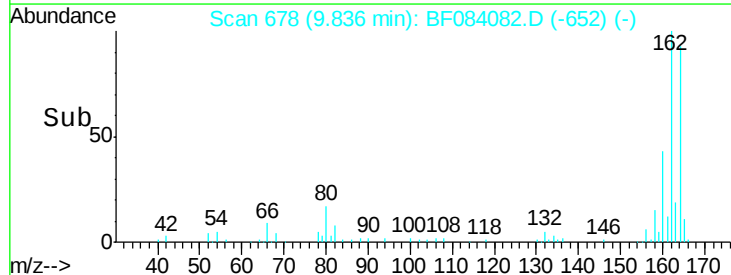
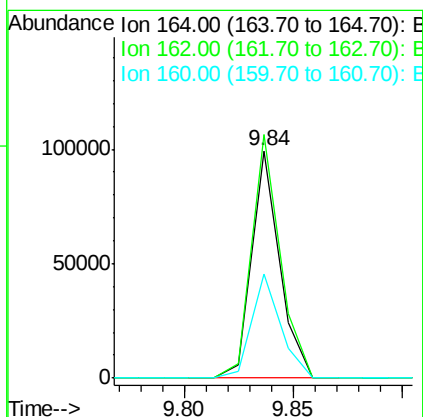
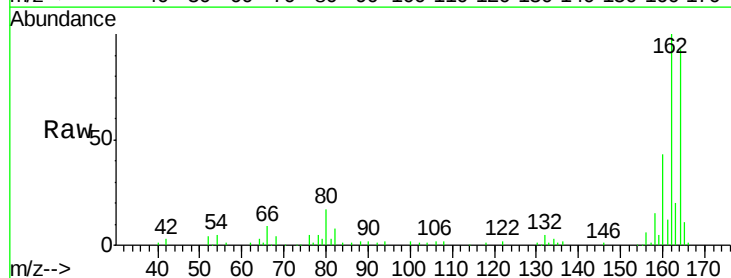
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

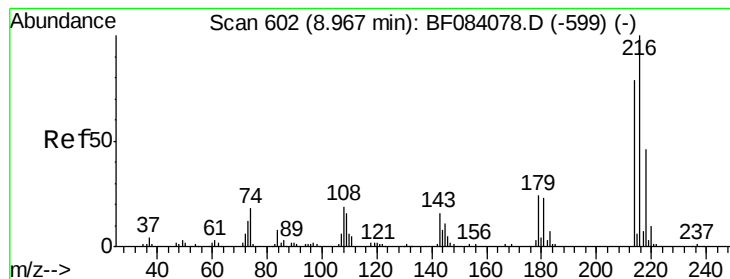
Tgt Ion:142 Resp: 227159
 Ion Ratio Lower Upper
 142 100
 141 91.1 72.4 108.6
 115 40.7 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:164 Resp: 88516
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.1 127.7
 160 45.7 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.67 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

Tgt Ion:216 Resp: 107908

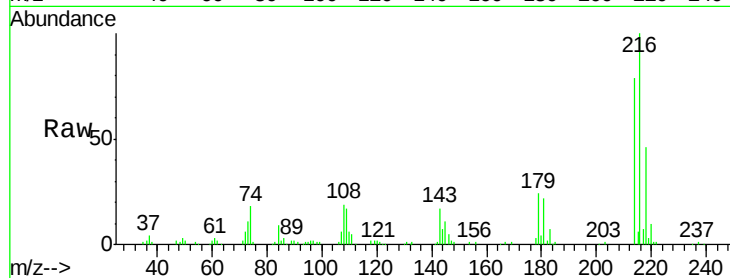
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.2

179 23.9 18.7 28.1

108 20.7 16.8 25.2

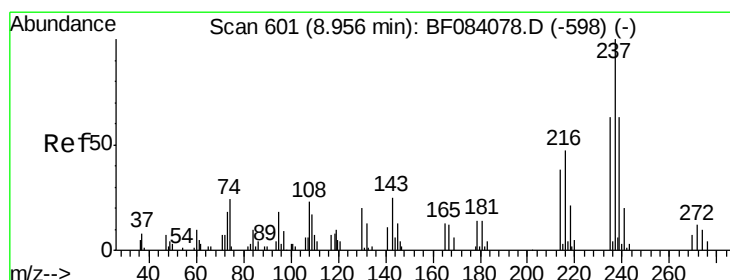
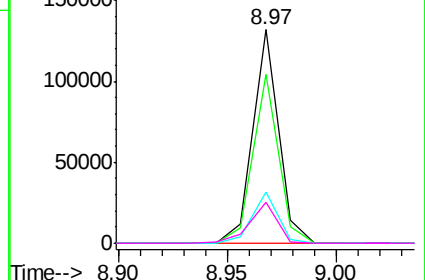
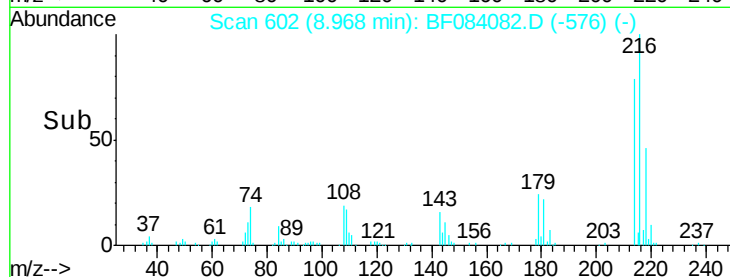


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.73 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

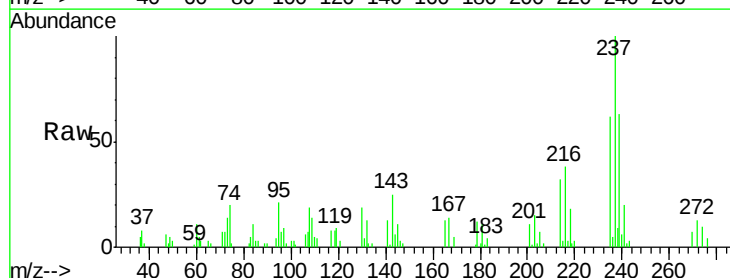
Tgt Ion:237 Resp: 23338

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

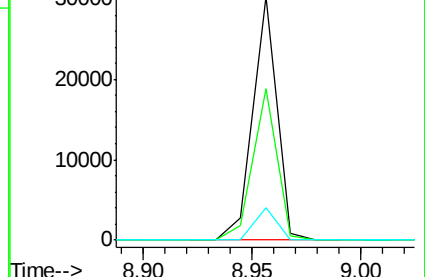
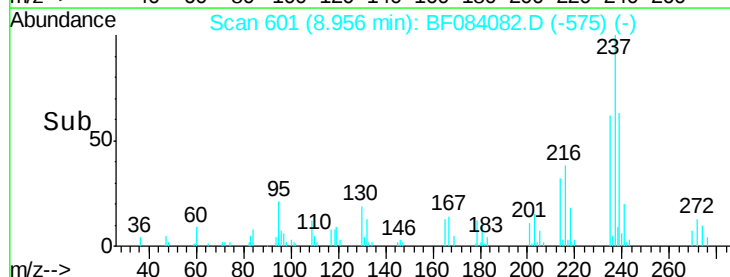
272 13.3 0.0 35.1

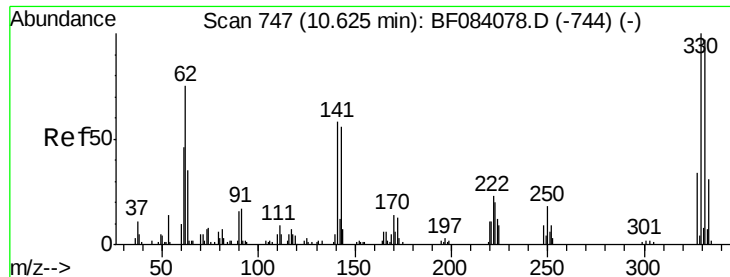


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

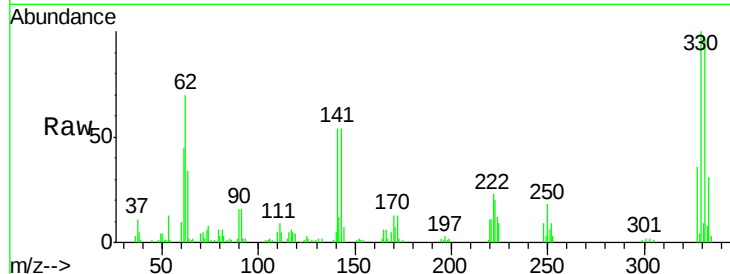




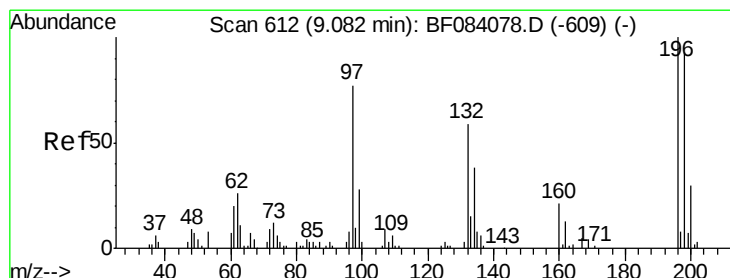
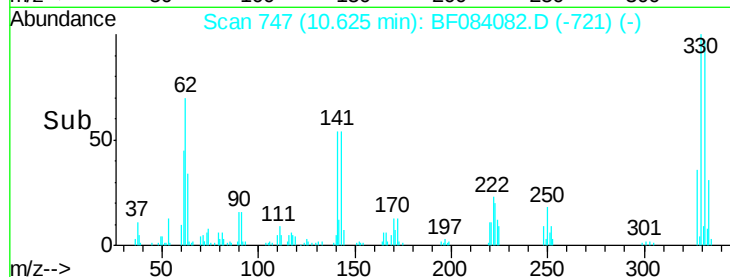
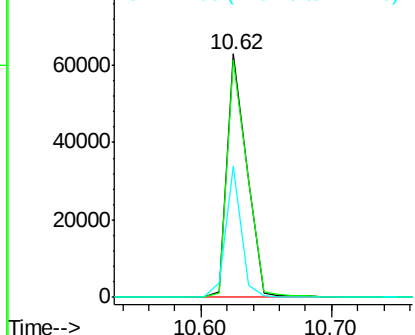
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:330 Resp: 66402
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 42.4 27.8 41.6#

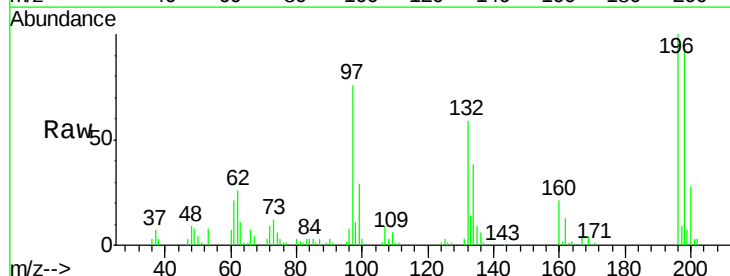


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

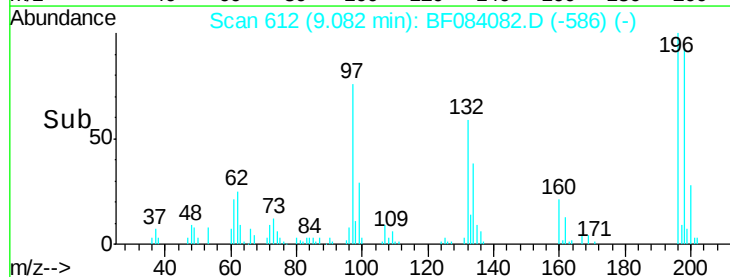
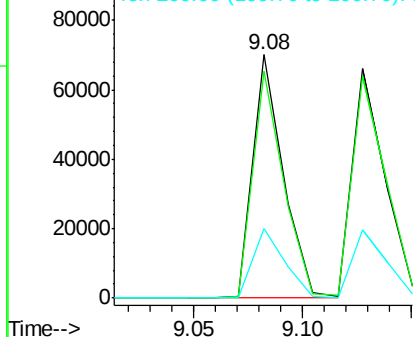


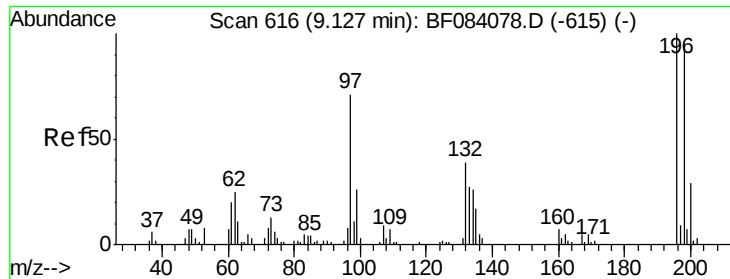
#42
 2,4,6-Trichlorophenol
 Concen: 37.66 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:196 Resp: 68526
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.7 116.5
 200 28.3 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

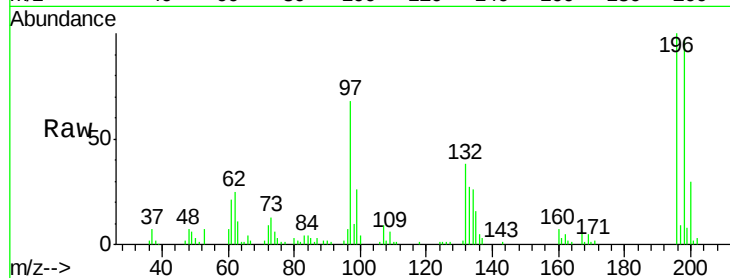




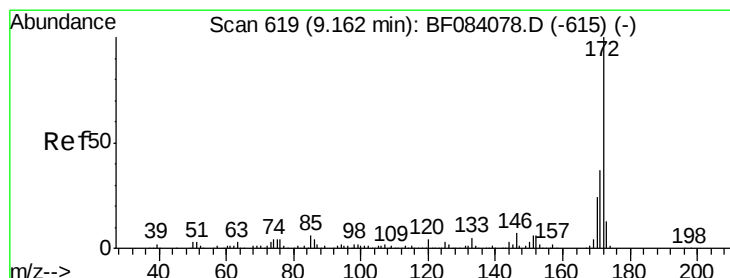
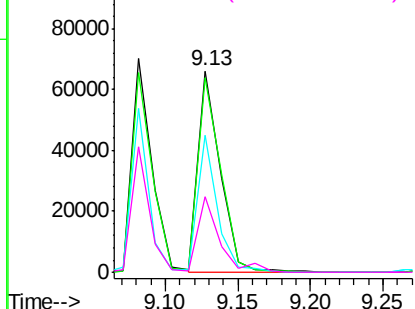
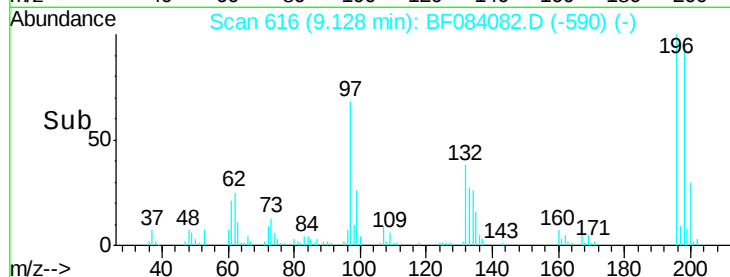
#43
 2,4,5-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:196 Resp: 70334
 Ion Ratio Lower Upper
 196 100
 198 97.0 79.0 118.6
 97 68.4 33.0 49.6#
 132 37.7 21.1 31.7#

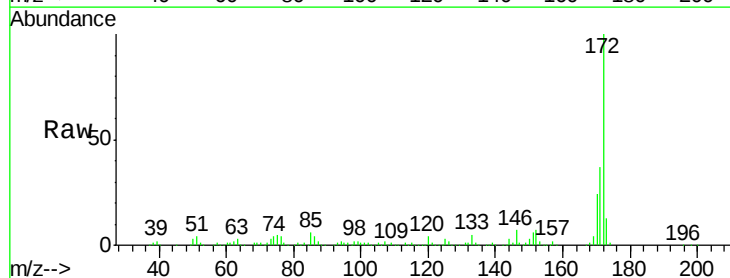


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

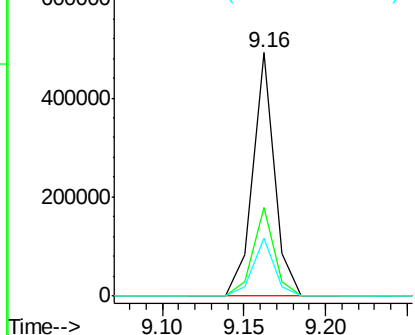
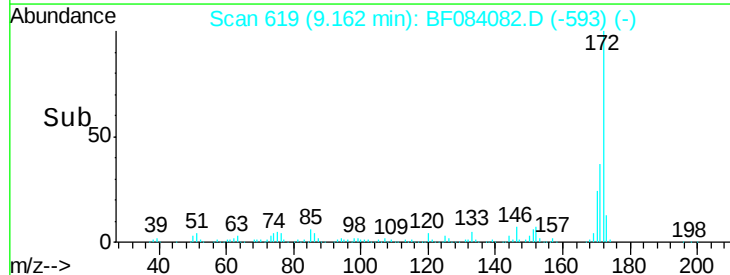


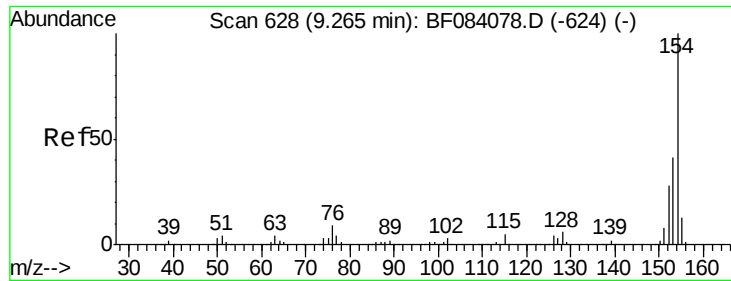
#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:172 Resp: 454822
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.9 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

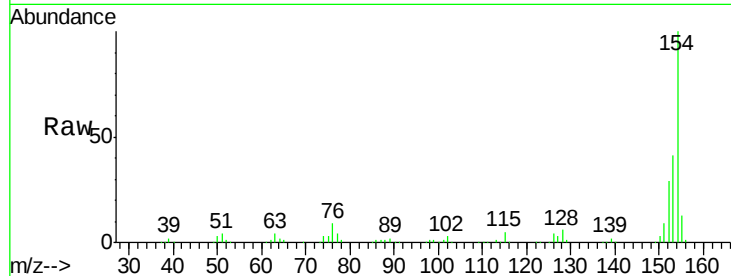




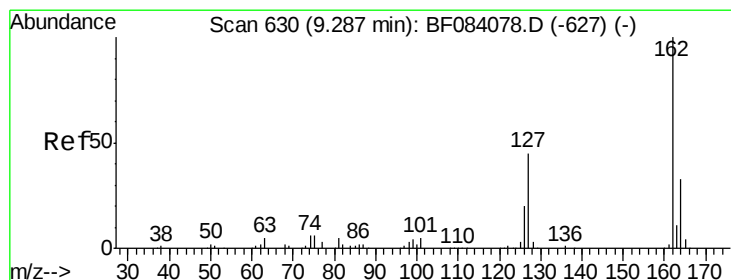
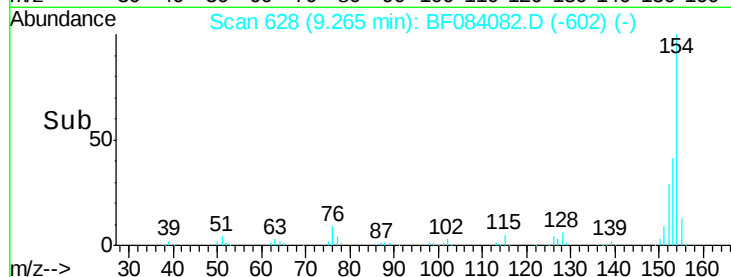
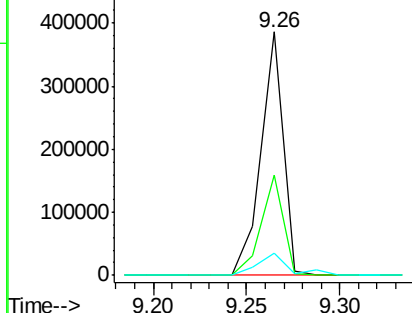
#45
 1,1'-Biphenyl
 Concen: 40.56 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:154 Resp: 324321
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 9.4 0.0 32.7

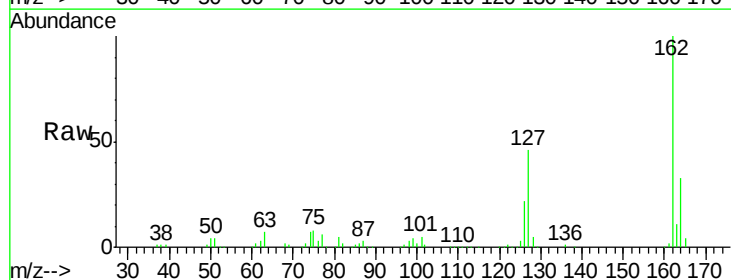


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

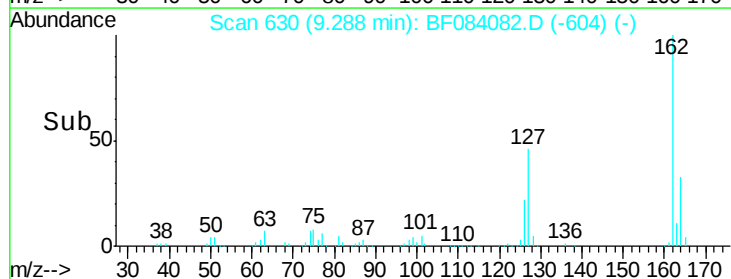
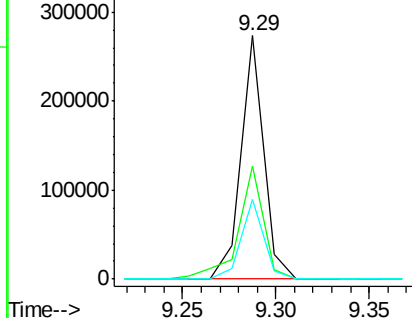


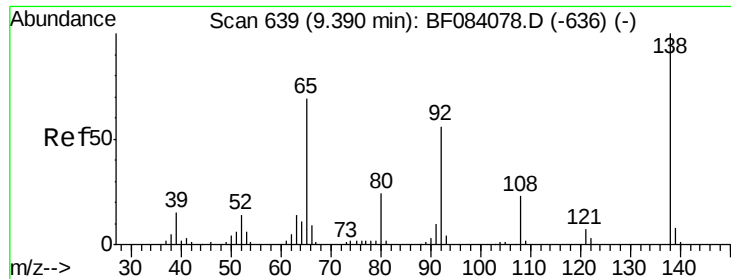
#46
 2-Chloronaphthalene
 Concen: 38.33 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:162 Resp: 233013
 Ion Ratio Lower Upper
 162 100
 127 46.4 40.2 60.4
 164 32.8 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

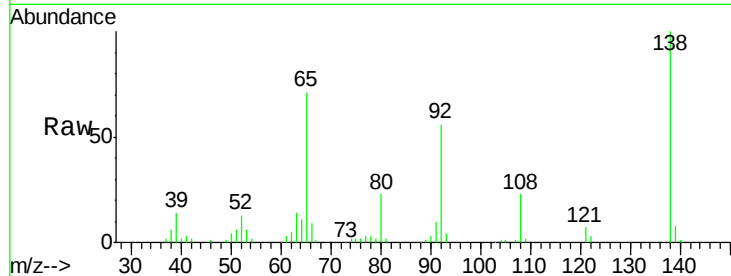




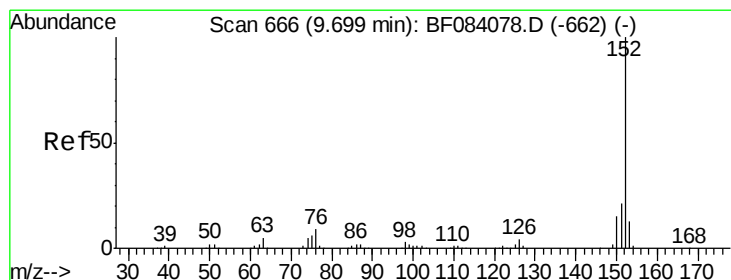
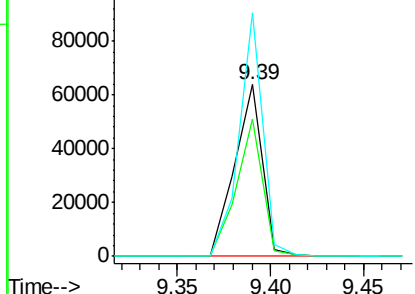
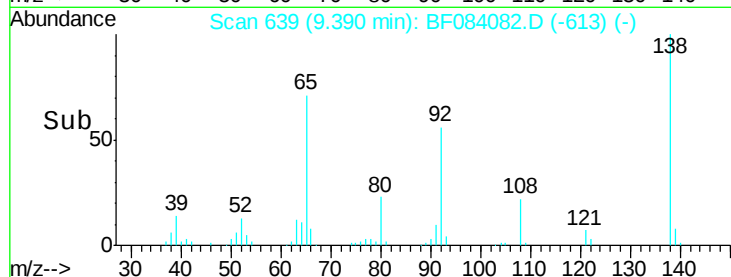
#47
2-Nitroaniline
Concen: 40.97 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion: 65 Resp: 66181
Ion Ratio Lower Upper
65 100
92 79.6 53.4 80.2
138 141.7 71.1 106.7#

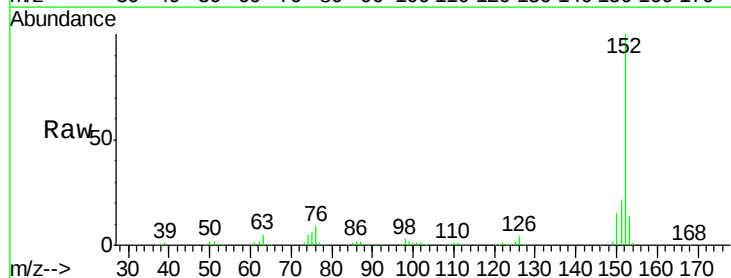


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

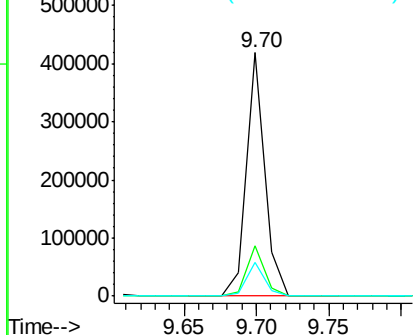
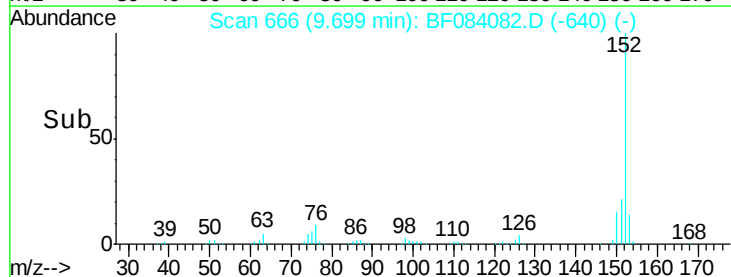


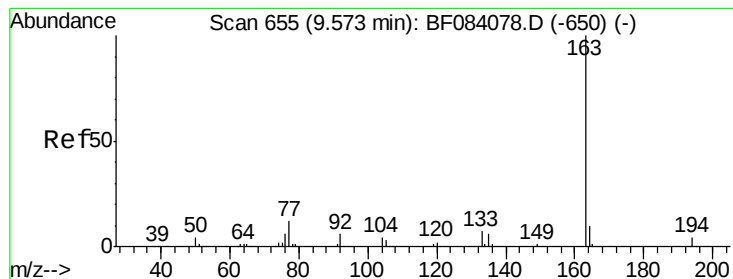
#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion: 152 Resp: 367606
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.4 15.6



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





#49

Dimethylphthalate

Concen: 37.22 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

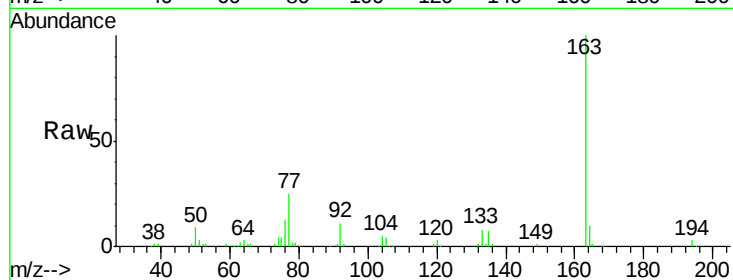
Tgt Ion:163 Resp: 272832

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

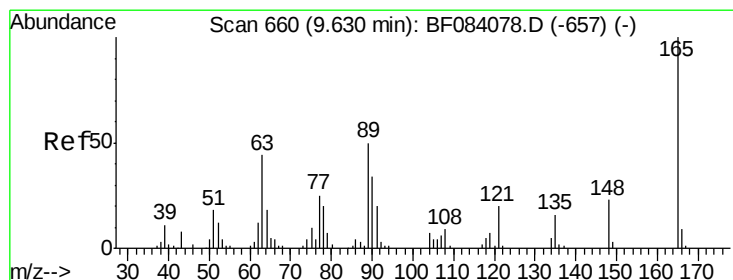
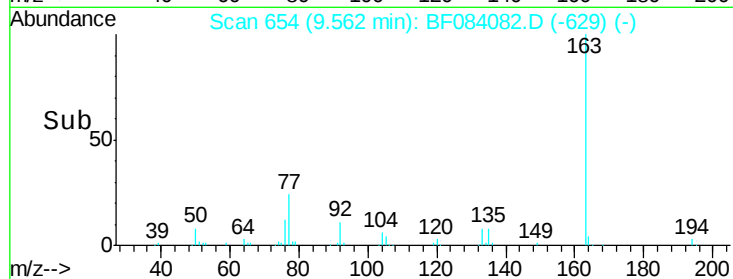
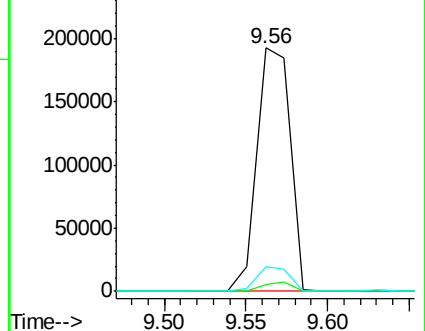
164 10.3 8.0 12.0



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: 39.98 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

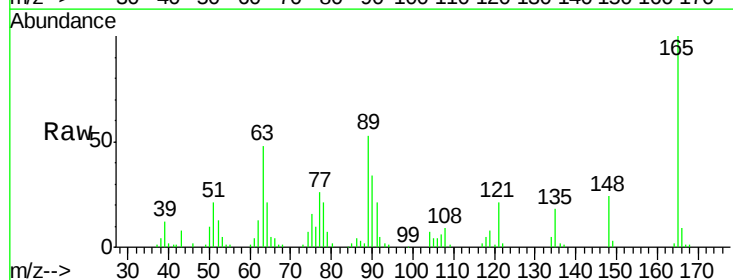
Tgt Ion:165 Resp: 62213

Ion Ratio Lower Upper

165 100

63 48.4 28.8 43.2#

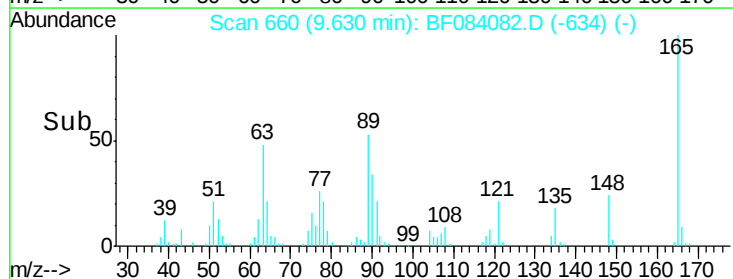
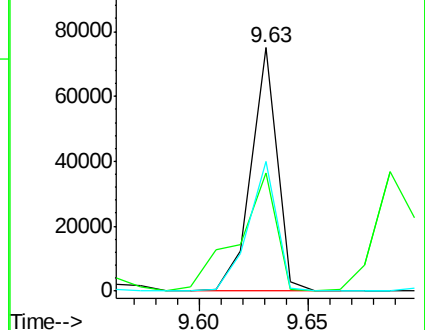
89 53.3 35.1 52.7#

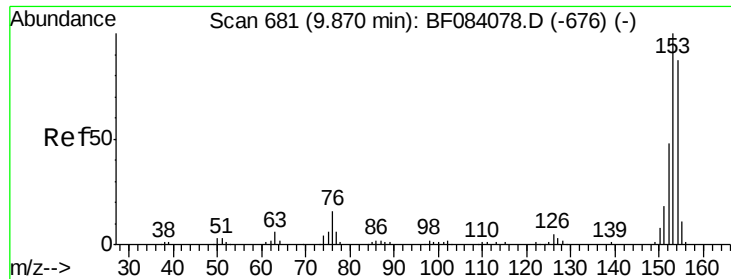


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

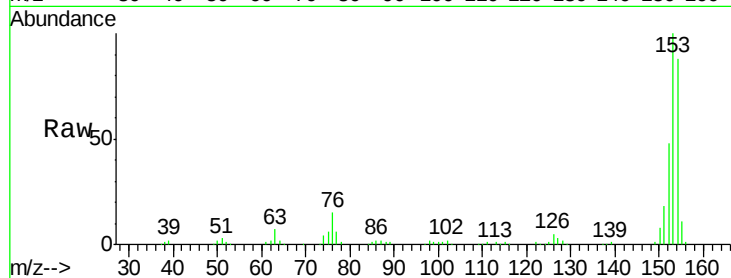




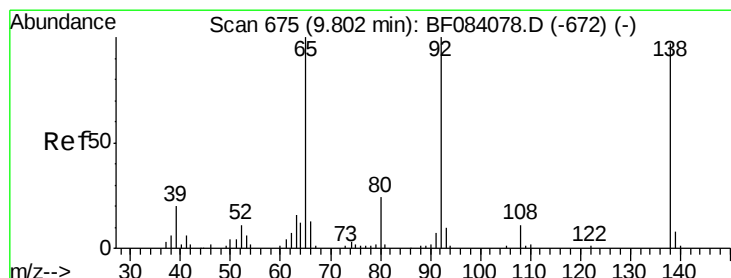
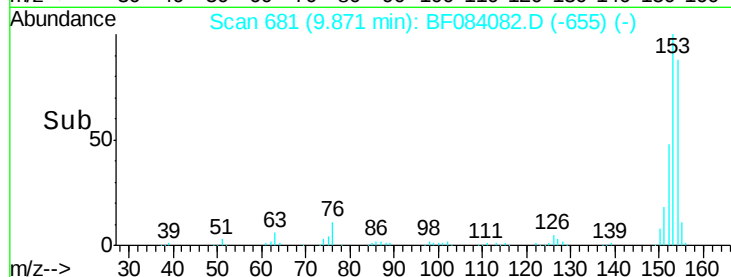
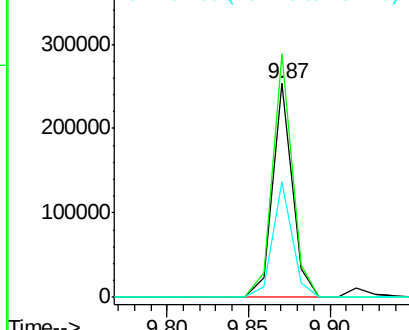
#51
Acenaphthene
Concen: 36.88 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF122415

Tgt Ion:154 Resp: 214153
Ion Ratio Lower Upper
154 100
153 113.9 91.5 137.3
152 54.4 43.0 64.6

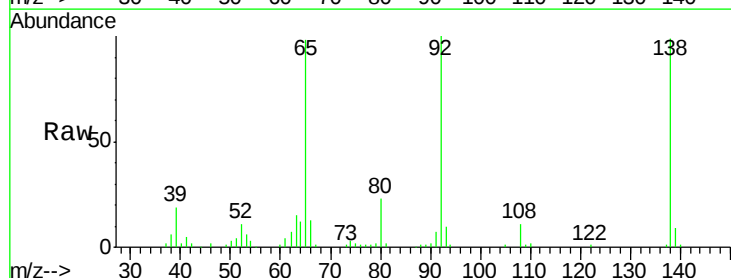


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

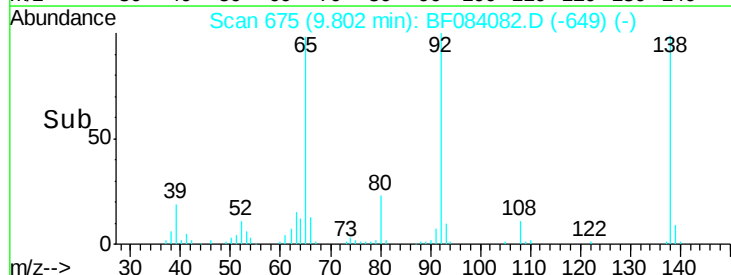
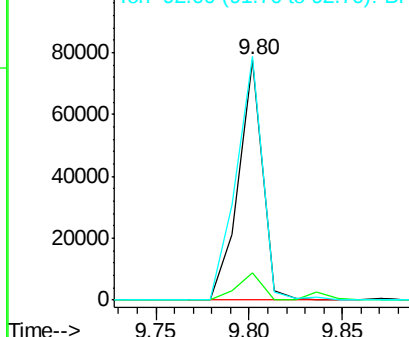


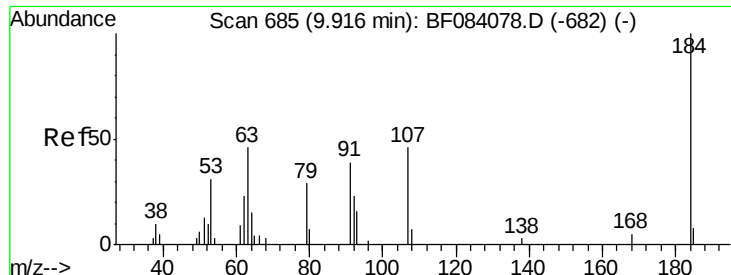
#52
3-Nitroaniline
Concen: 42.08 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion:138 Resp: 70265
Ion Ratio Lower Upper
138 100
108 11.4 10.5 15.7
92 101.4 103.9 155.9#



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

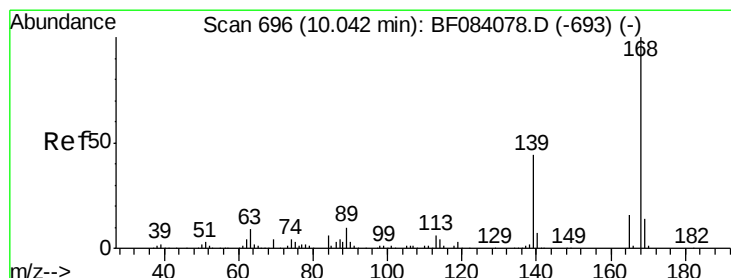
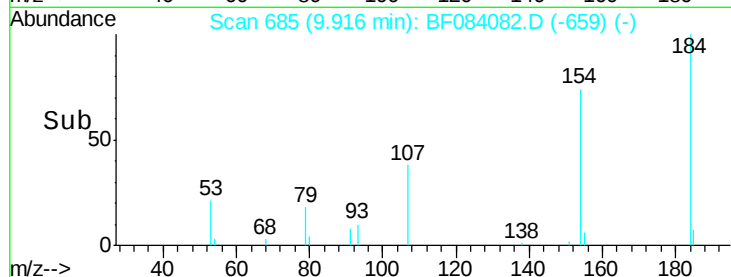
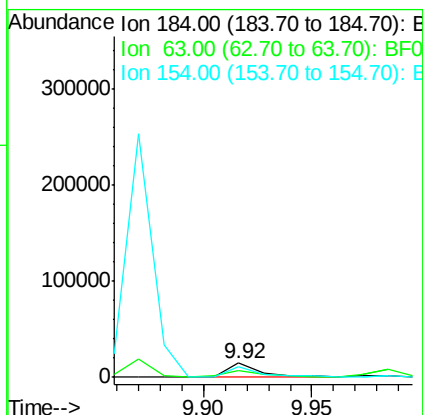
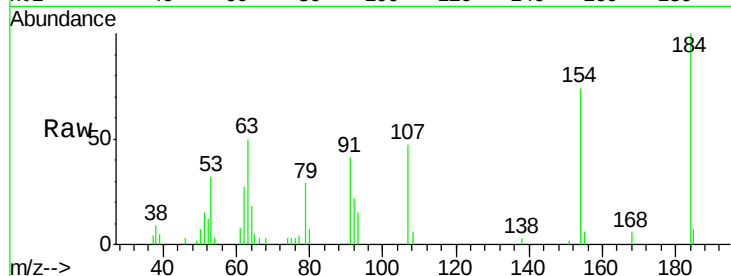




#53
 2,4-Dinitrophenol
 Concen: 36.77 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

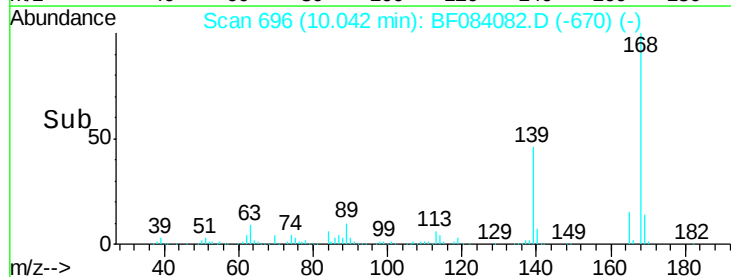
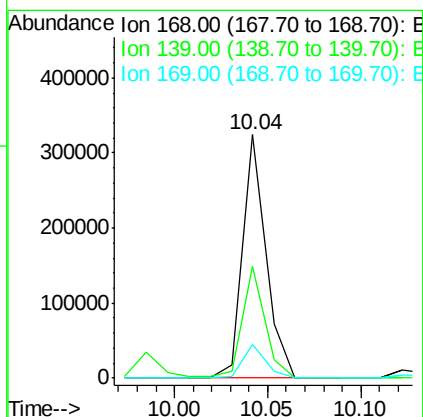
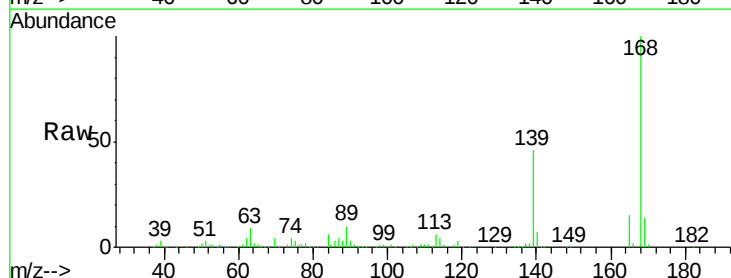
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

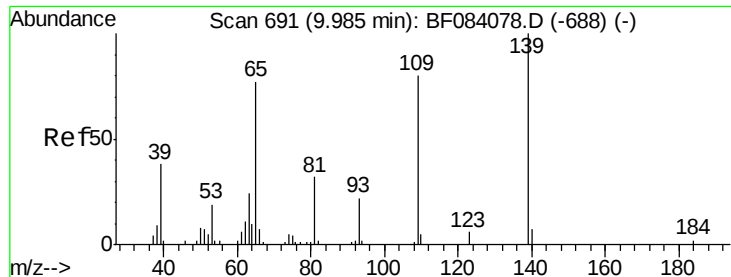
Tgt Ion:184 Resp: 15921
 Ion Ratio Lower Upper
 184 100
 63 49.9 43.1 64.7
 154 73.8 60.5 90.7



#54
 Dibenzofuran
 Concen: 35.56 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:168 Resp: 283949
 Ion Ratio Lower Upper
 168 100
 139 46.0 30.5 45.7#
 169 13.6 10.4 15.6





#55

4-Nitrophenol

Concen: 39.16 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

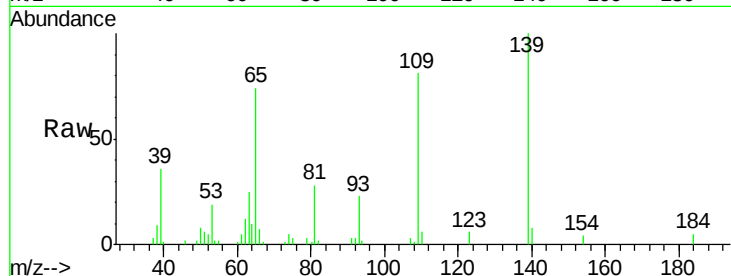
Tgt Ion:139 Resp: 33377

Ion Ratio Lower Upper

139 100

109 80.8 58.5 98.5

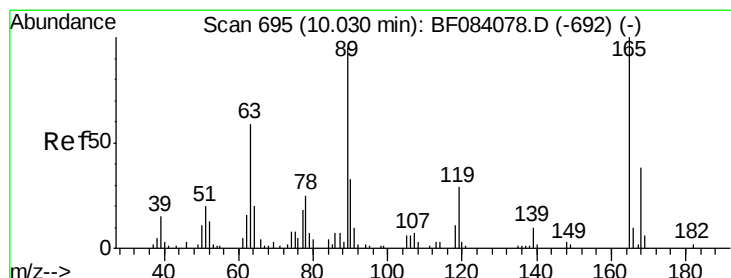
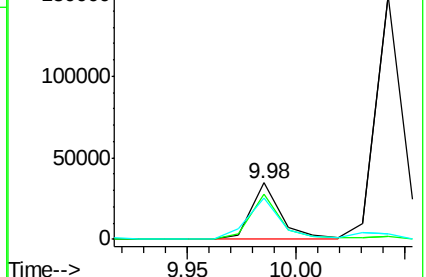
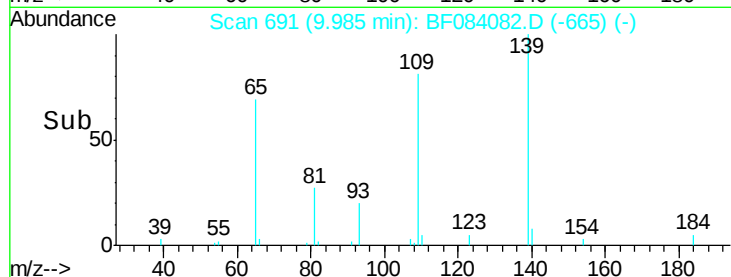
65 73.8 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.31 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:165 Resp: 74594

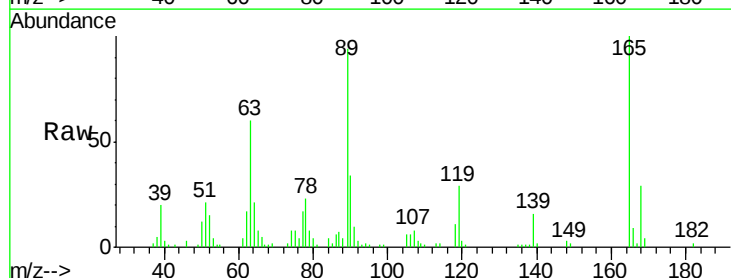
Ion Ratio Lower Upper

165 100

63 60.3 36.7 55.1#

89 93.9 61.9 92.9#

182 2.0 2.0 3.0#

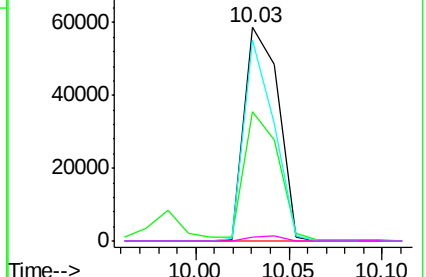
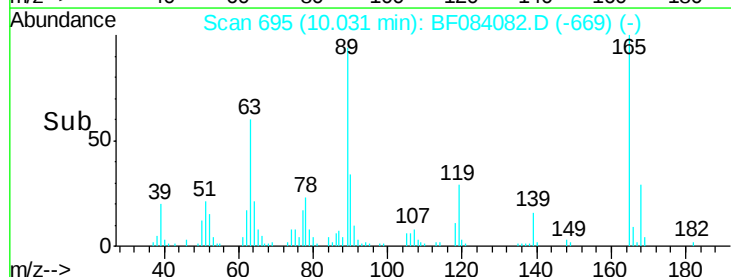


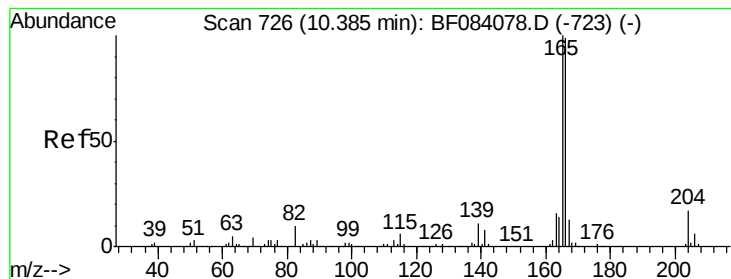
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.93 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

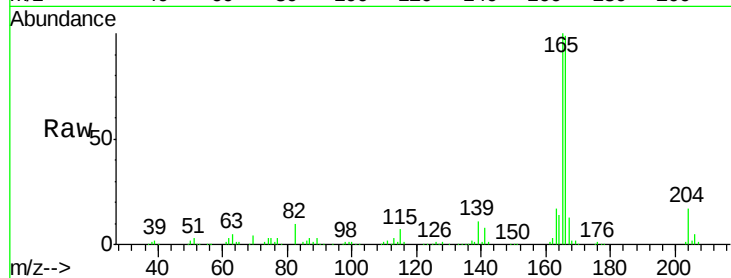
Tgt Ion:166 Resp: 250668

Ion Ratio Lower Upper

166 100

165 100.6 79.1 118.7

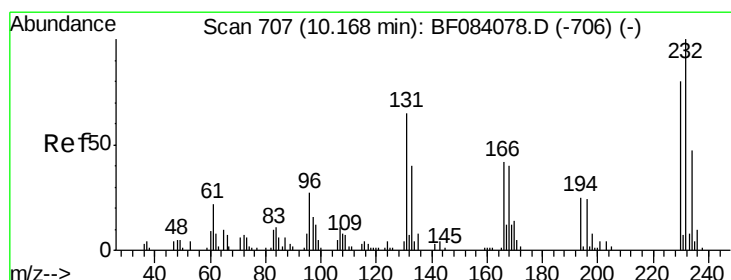
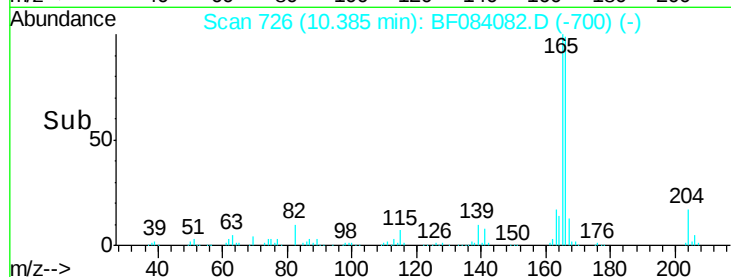
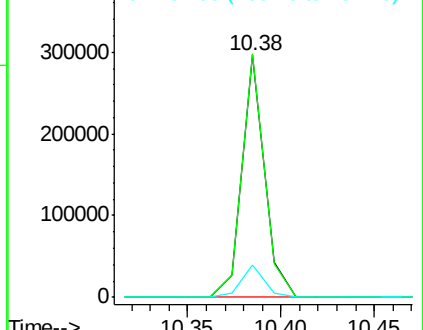
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.60 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Tgt Ion:232 Resp: 51407

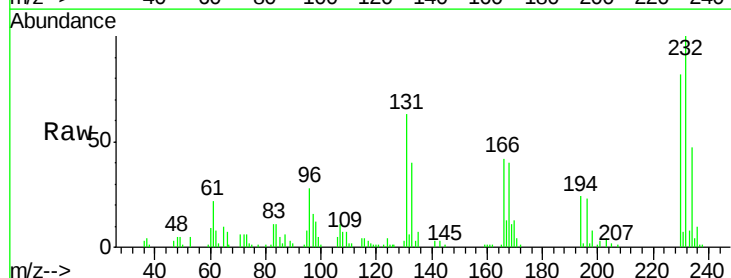
Ion Ratio Lower Upper

232 100

131 56.5 47.0 70.6

130 2.4 2.0 3.0

166 36.8 30.5 45.7

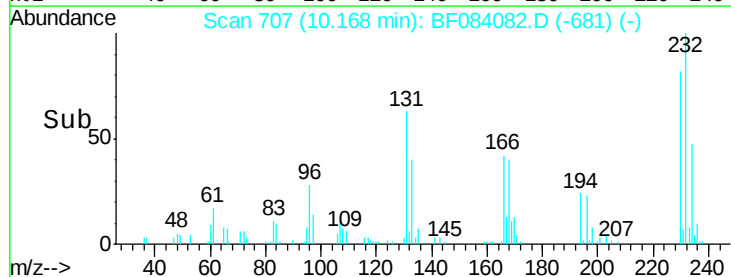
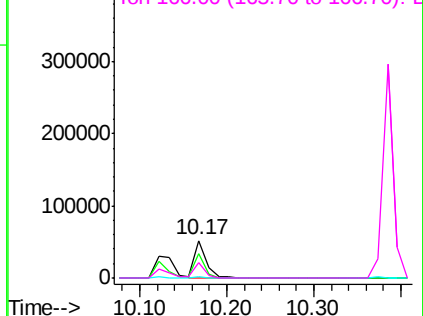


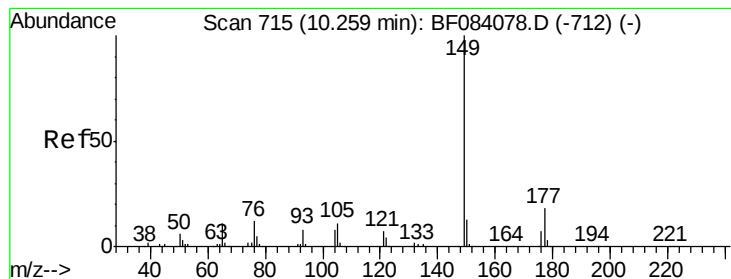
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.82 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

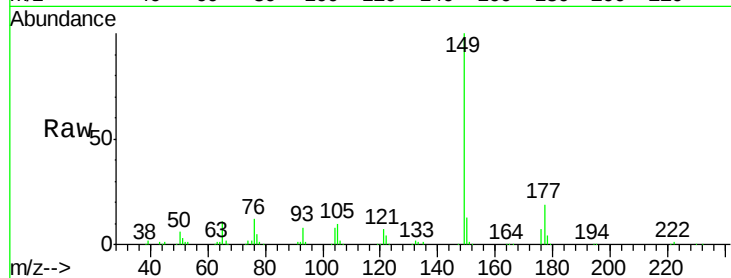
Tgt Ion:149 Resp: 251856

Ion Ratio Lower Upper

149 100

177 19.0 17.3 25.9

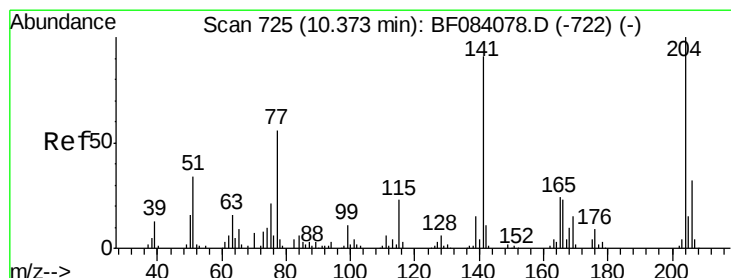
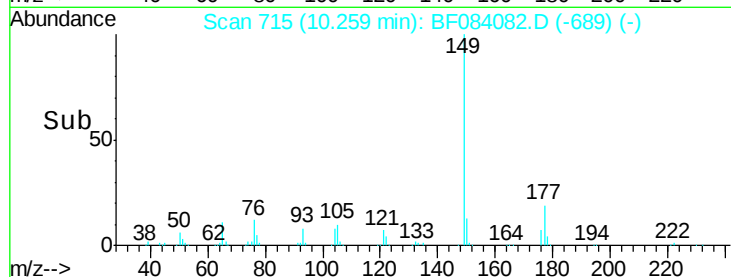
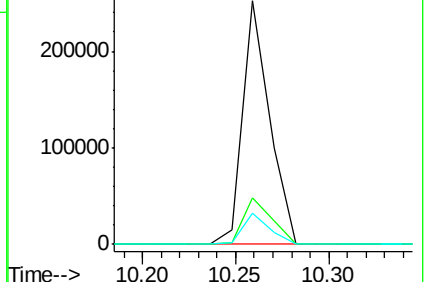
150 13.0 9.8 14.8



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: 33.43 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

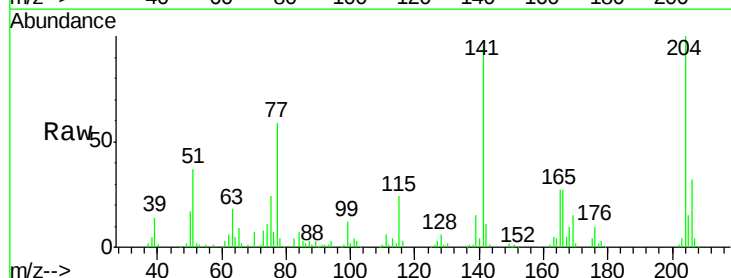
Tgt Ion:204 Resp: 104654

Ion Ratio Lower Upper

204 100

206 31.5 25.7 38.5

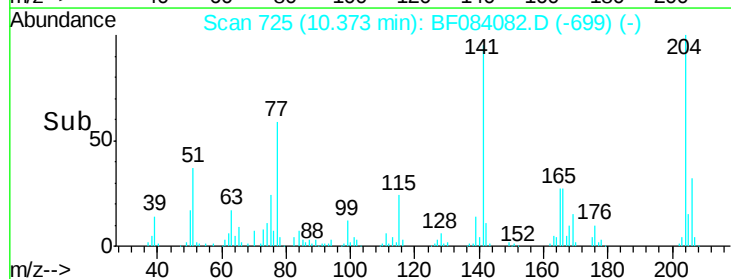
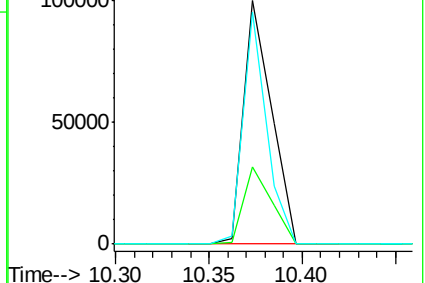
141 95.1 55.1 82.7#

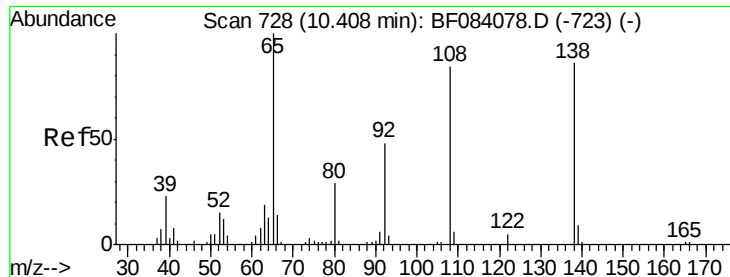


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

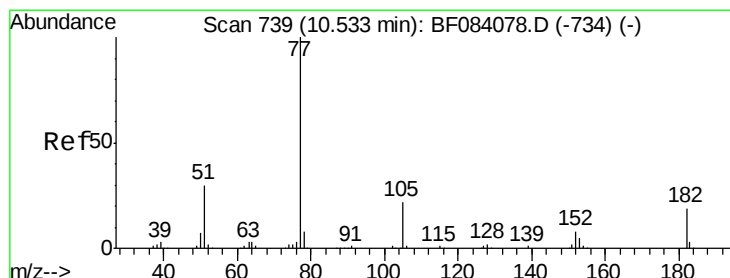
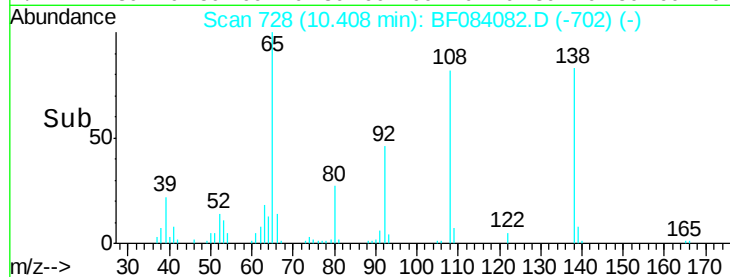
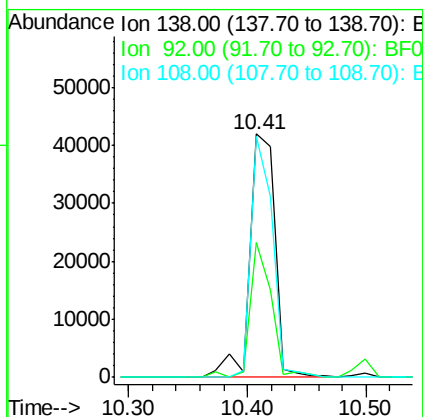
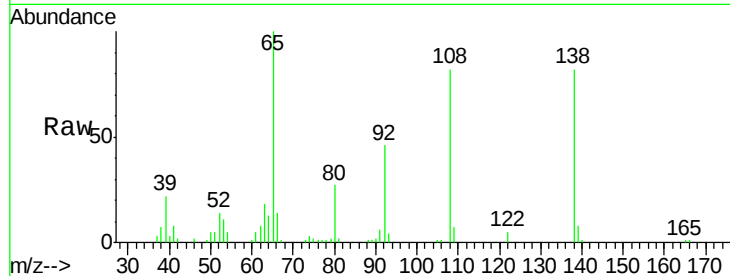




#61
4-Nitroaniline
Concen: 40.38 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

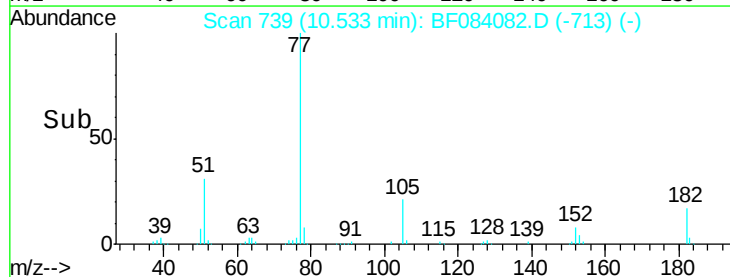
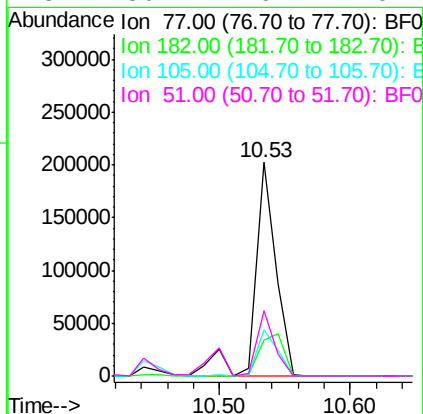
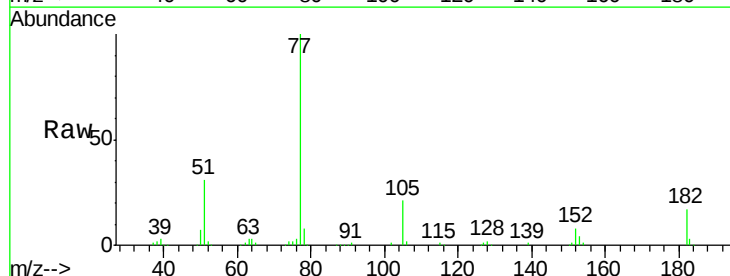
Instrument :
BNA_F
ClientSampleId :
ICVBF122415

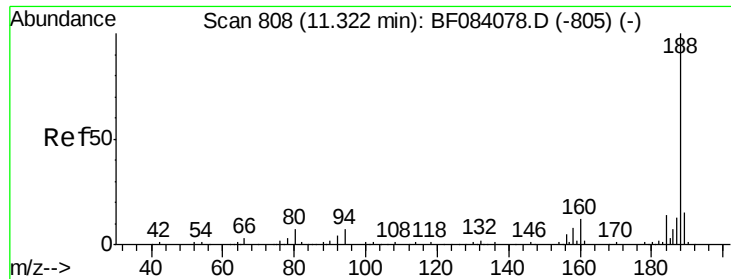
Tgt Ion:138 Resp: 62322
Ion Ratio Lower Upper
138 100
92 55.3 32.6 72.6
108 99.2 68.6 108.6



#62
Azobenzene
Concen: 37.32 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084082.D
Acq: 24 Dec 2015 16:31

Tgt Ion: 77 Resp: 228946
Ion Ratio Lower Upper
77 100
182 17.0 8.3 48.3
105 21.5 4.6 44.6
51 30.7 6.2 46.2

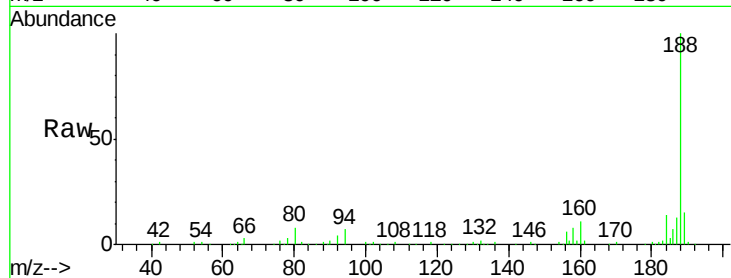




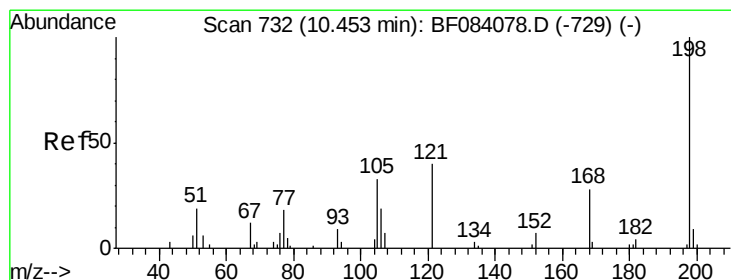
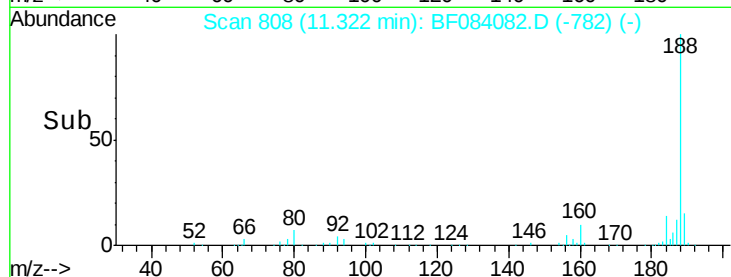
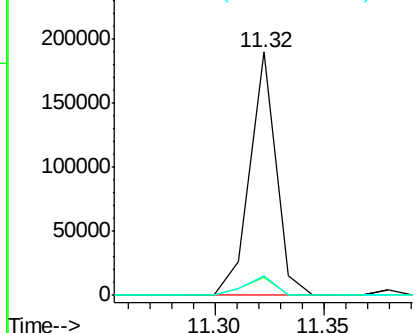
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:188 Resp: 159294
 Ion Ratio Lower Upper
 188 100
 94 7.3 9.0 13.4#
 80 7.9 9.6 14.4#

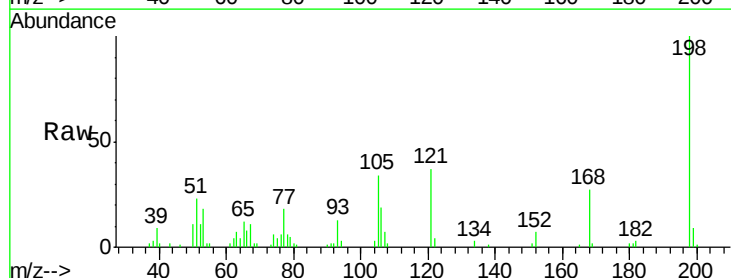


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

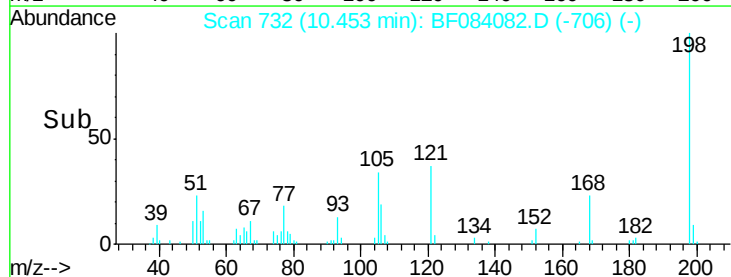
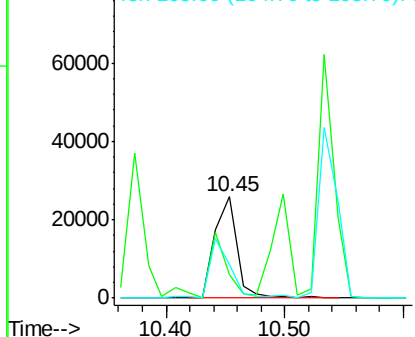


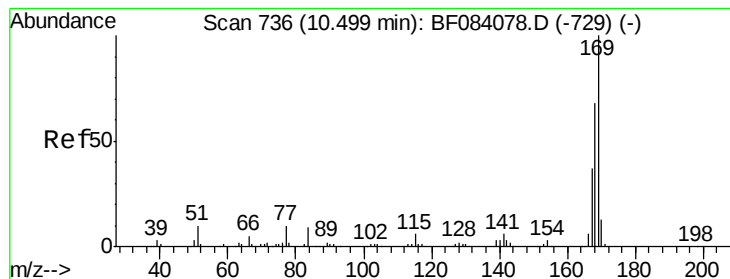
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.59 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:198 Resp: 33234
 Ion Ratio Lower Upper
 198 100
 51 23.2 18.9 58.9
 105 33.7 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: 40.10 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

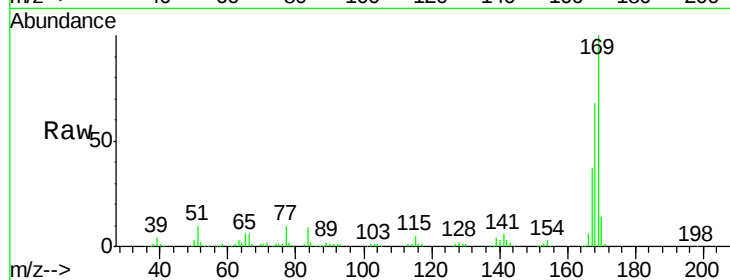
Tgt Ion:169 Resp: 227694

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

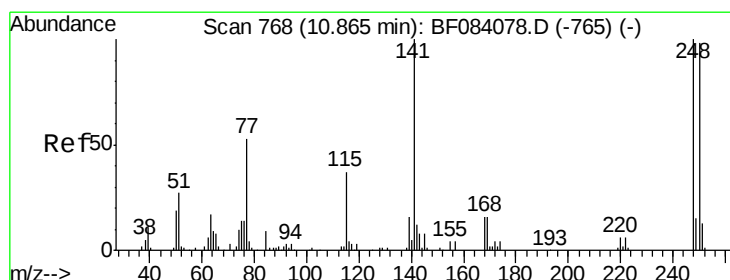
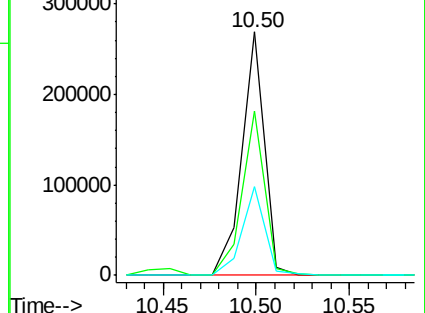
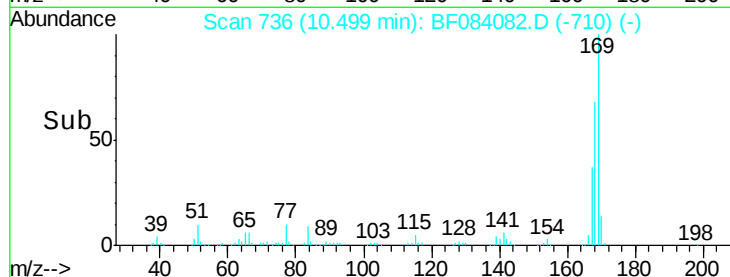
167 36.6 30.0 45.0



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: 39.38 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

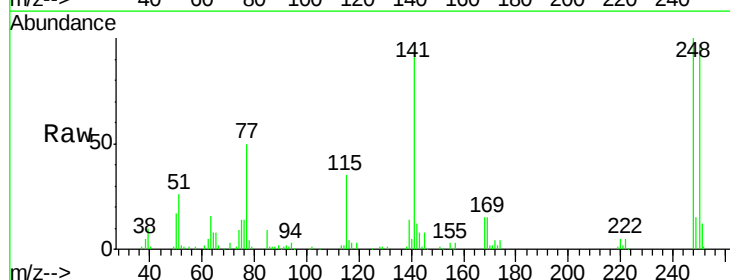
Tgt Ion:248 Resp: 72667

Ion Ratio Lower Upper

248 100

250 96.6 78.4 117.6

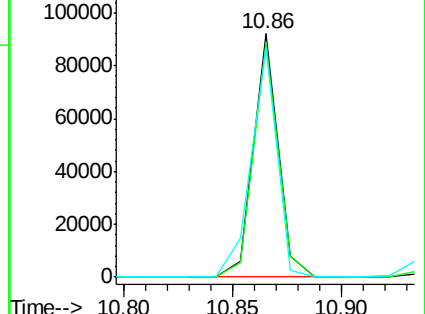
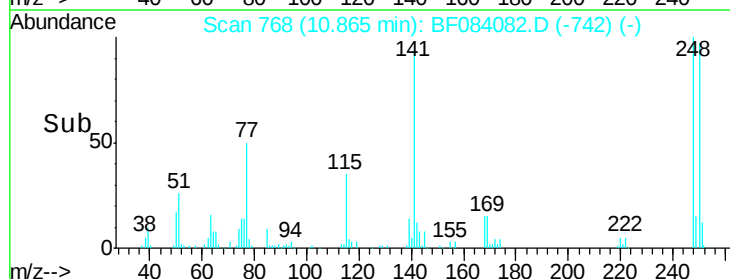
141 94.1 44.0 66.0#

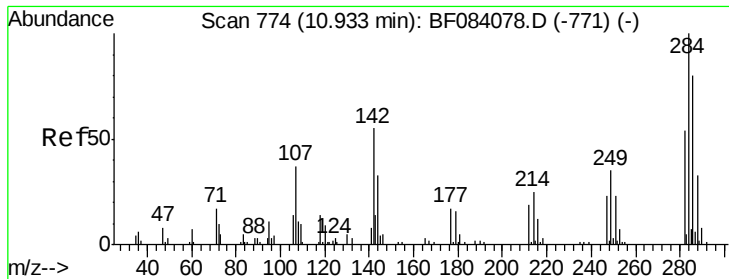


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.65 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

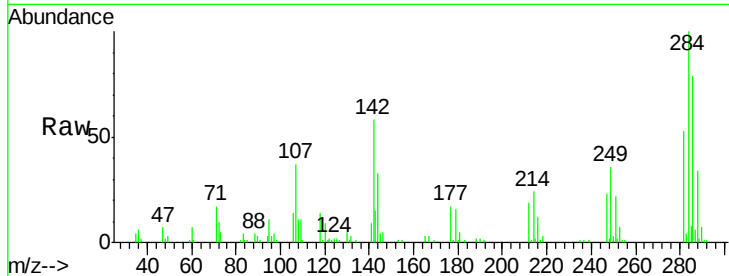
Tgt Ion:284 Resp: 72031

Ion Ratio Lower Upper

284 100

142 57.5 22.2 33.4#

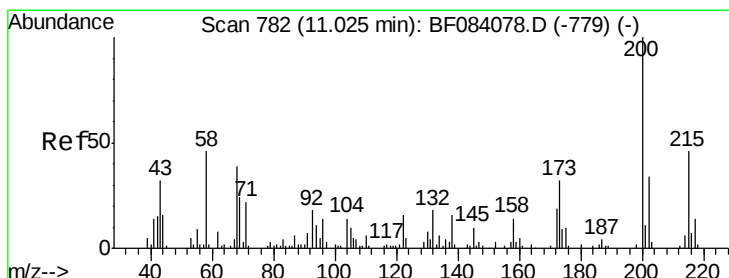
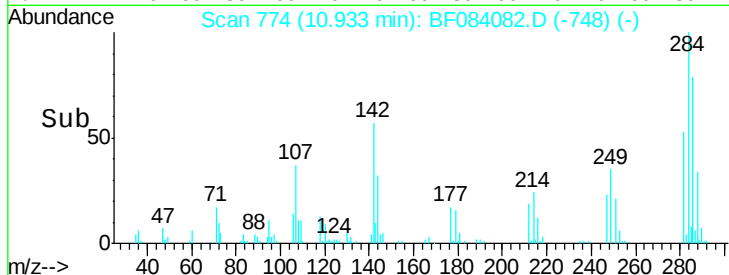
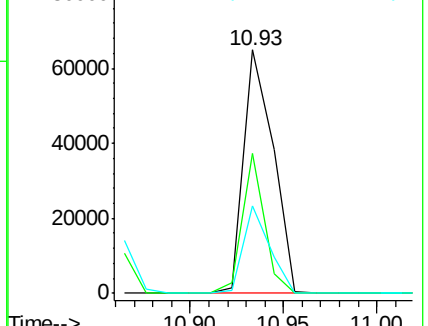
249 35.9 24.6 37.0



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: 34.98 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

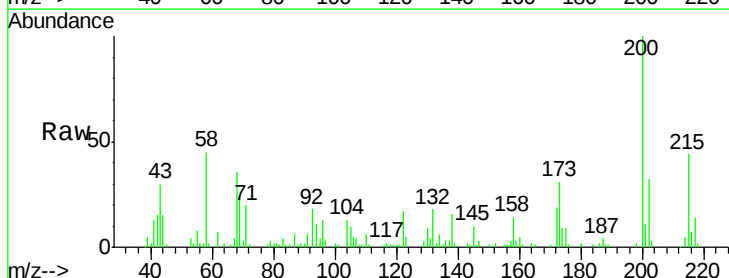
Tgt Ion:200 Resp: 59820

Ion Ratio Lower Upper

200 100

173 31.2 9.5 49.5

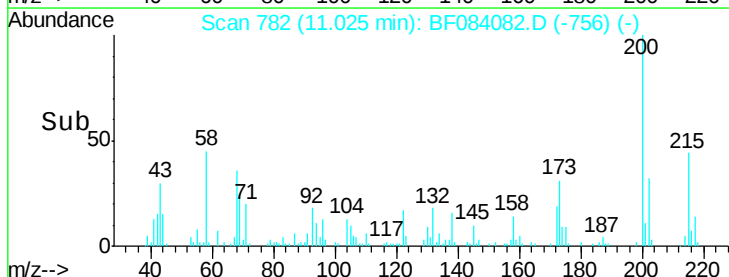
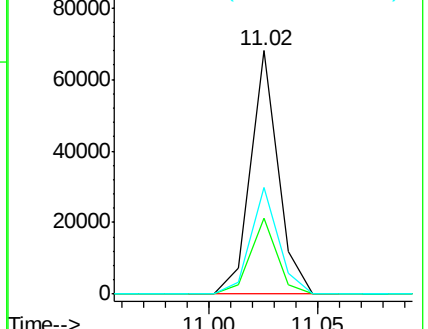
215 43.9 23.8 63.8

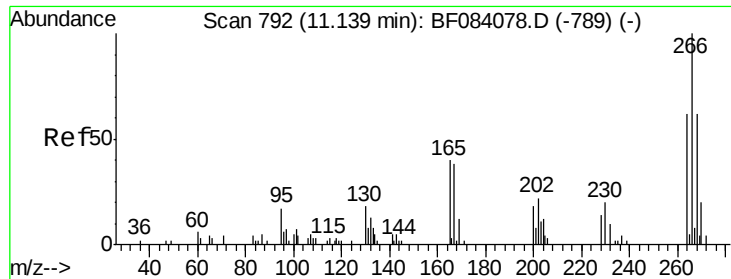


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

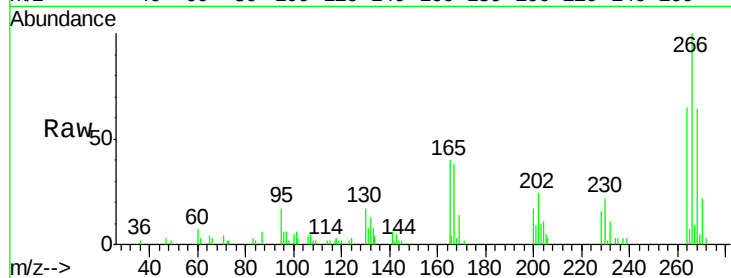




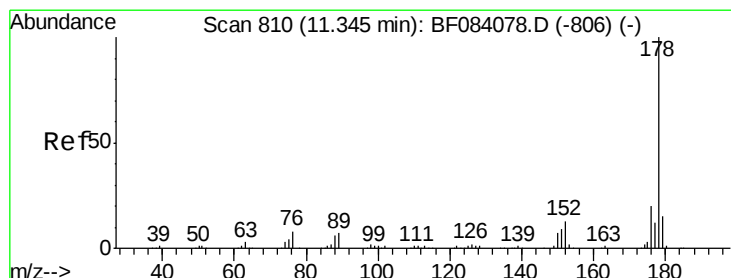
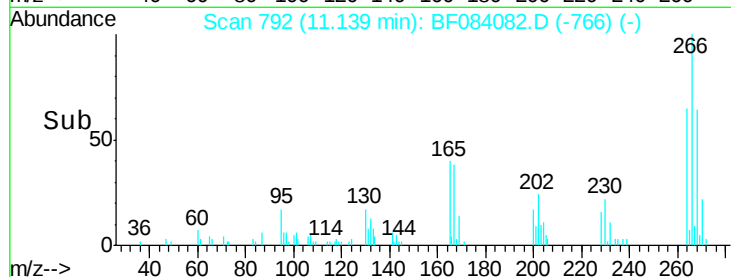
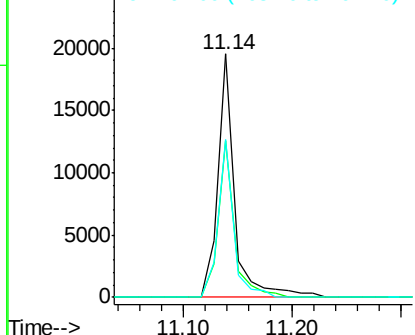
#69
 Pentachlorophenol
 Concen: 36.52 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion: 266 Resp: 21177
 Ion Ratio Lower Upper
 266 100
 268 64.4 52.4 78.6
 264 65.1 50.2 75.2

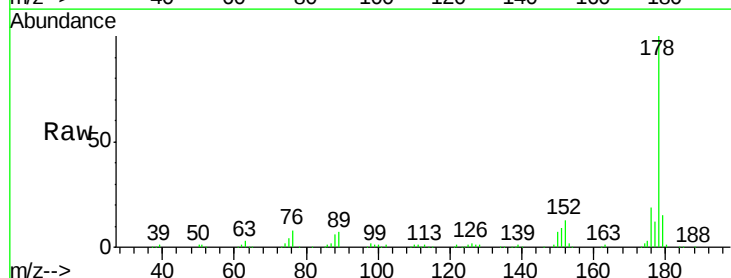


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

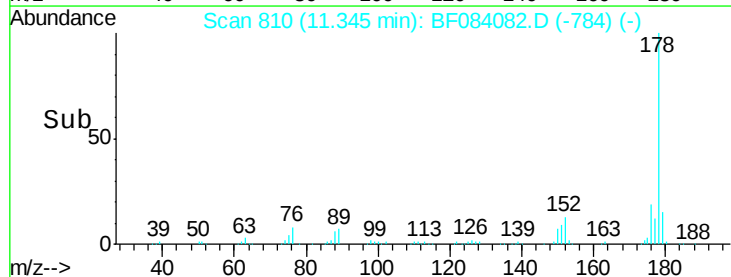
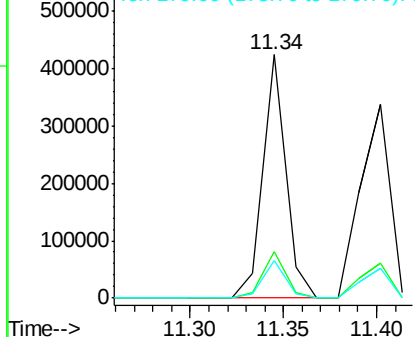


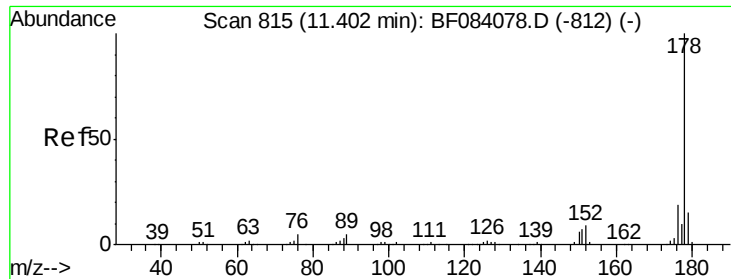
#70
 Phenanthrene
 Concen: 38.12 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion: 178 Resp: 359963
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.3 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

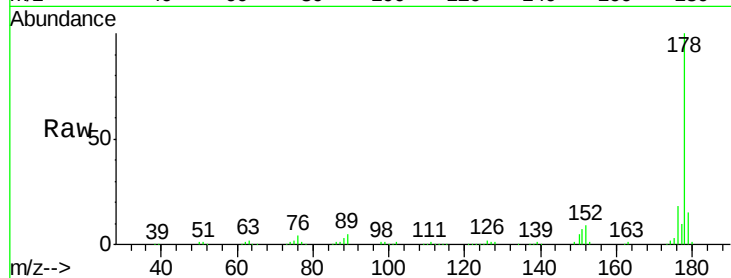




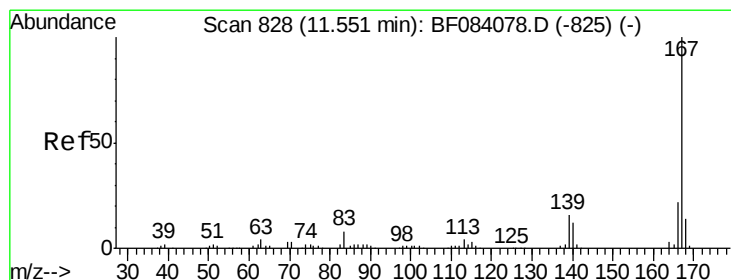
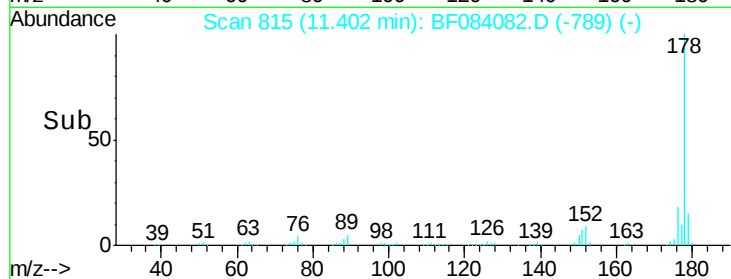
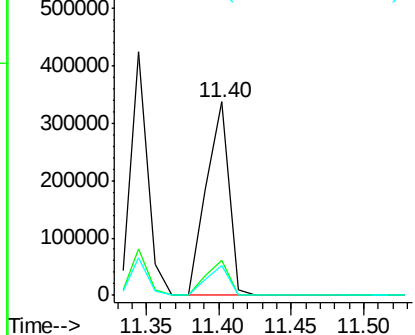
#71
 Anthracene
 Concen: 36.89 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:178 Resp: 364301
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 15.2 12.5 18.7

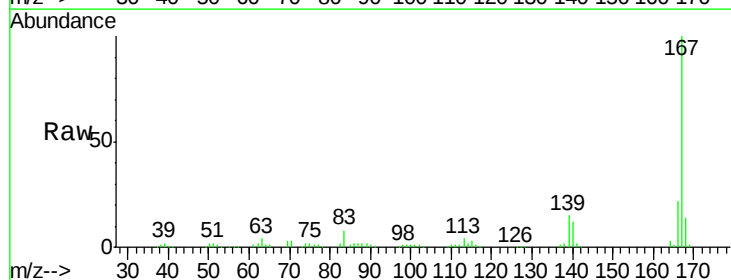


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

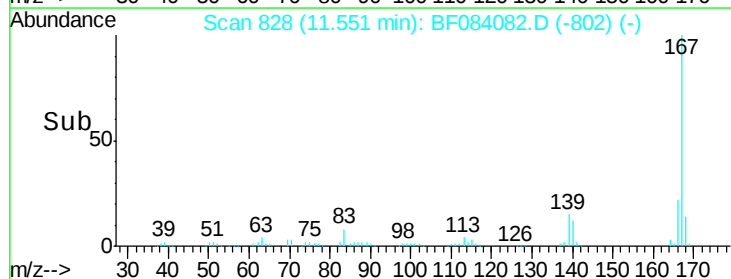
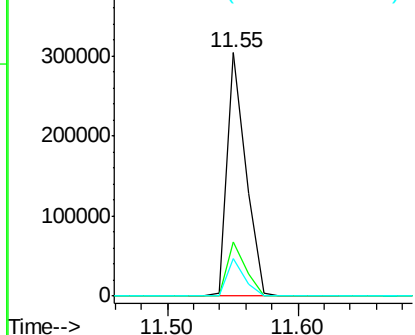


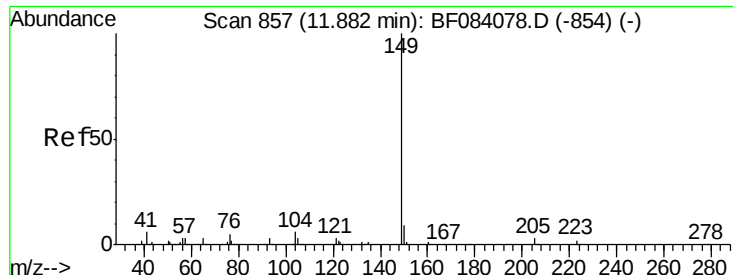
#72
 Carbazole
 Concen: 36.17 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:167 Resp: 303869
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 15.4 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: 36.78 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

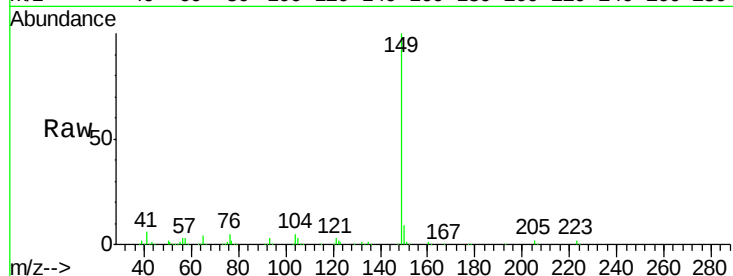
Tgt Ion:149 Resp: 398002

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

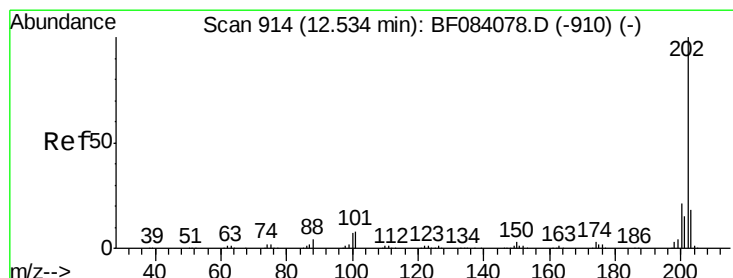
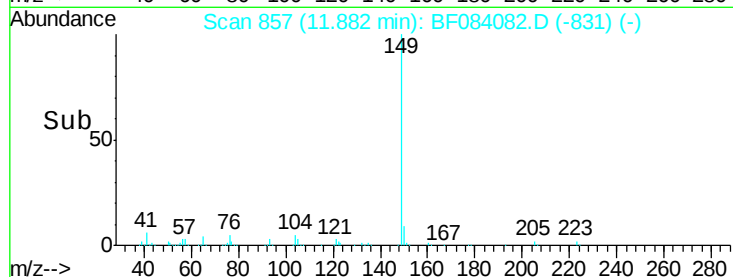
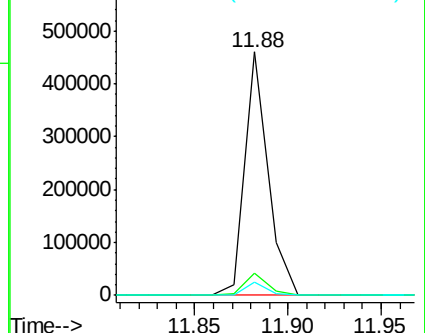
104 5.5 3.2 4.8#



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: 38.36 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

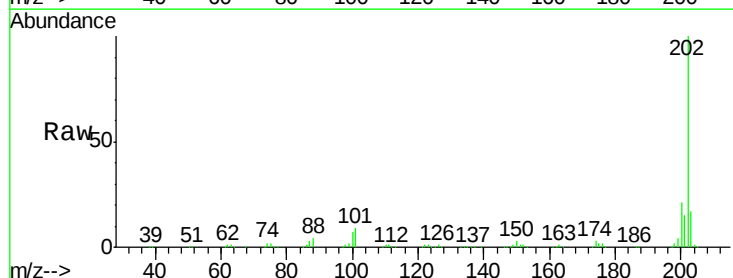
Tgt Ion:202 Resp: 391024

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

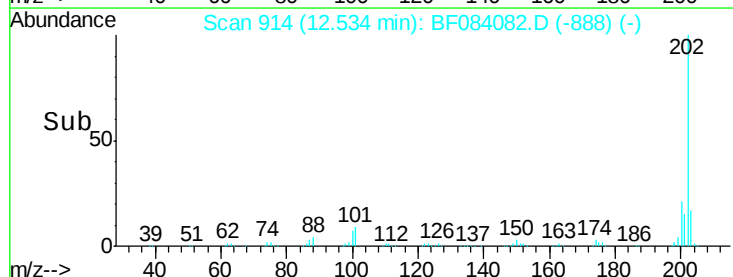
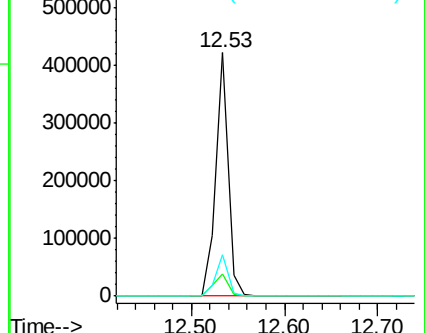
203 17.1 0.0 37.9

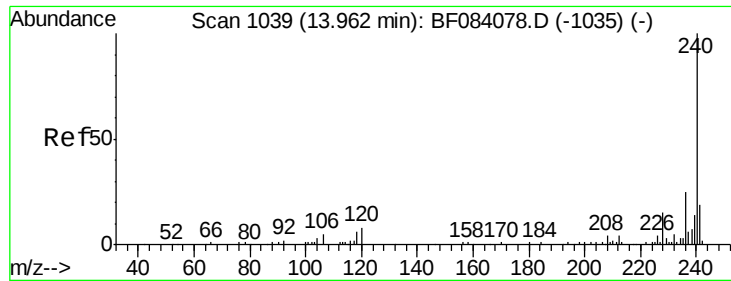


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

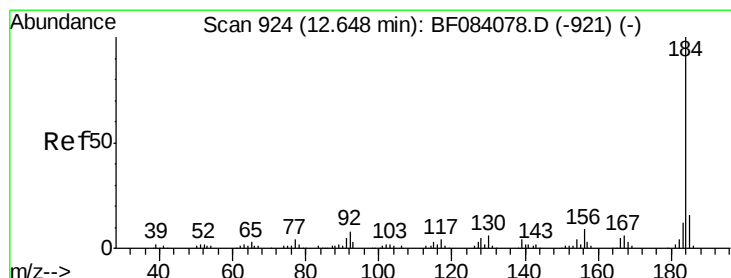
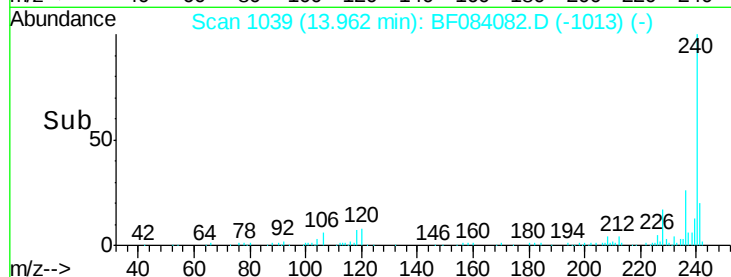
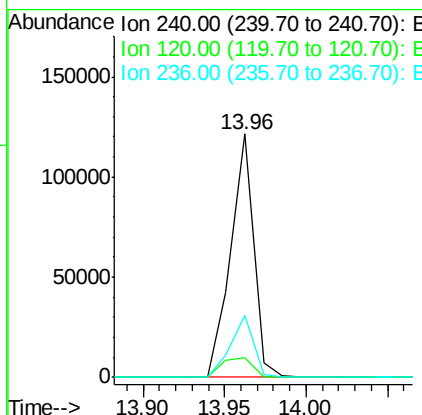
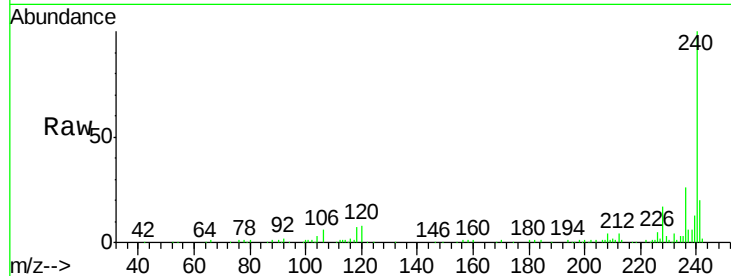




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

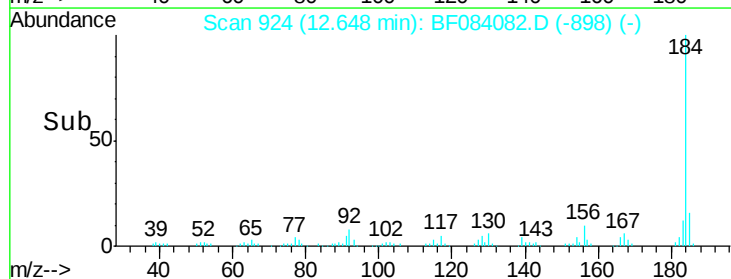
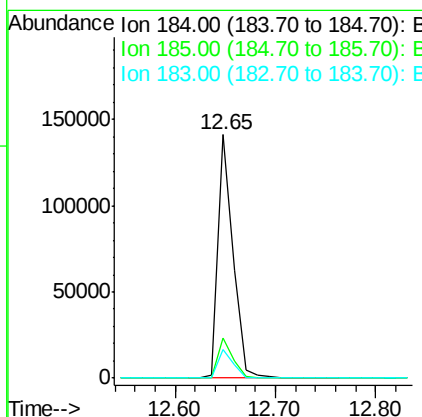
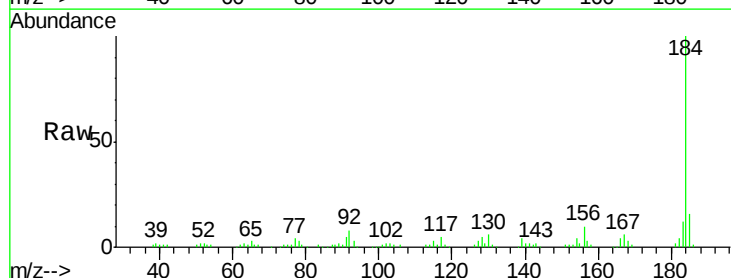
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

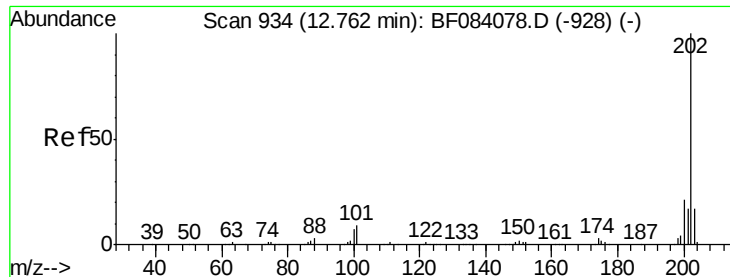
Tgt Ion:240 Resp: 118317
 Ion Ratio Lower Upper
 240 100
 120 8.3 9.5 14.3#
 236 25.7 20.6 31.0



#76
 Benzidine
 Concen: 36.62 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:184 Resp: 147279
 Ion Ratio Lower Upper
 184 100
 185 16.3 12.2 18.2
 183 11.7 9.8 14.8

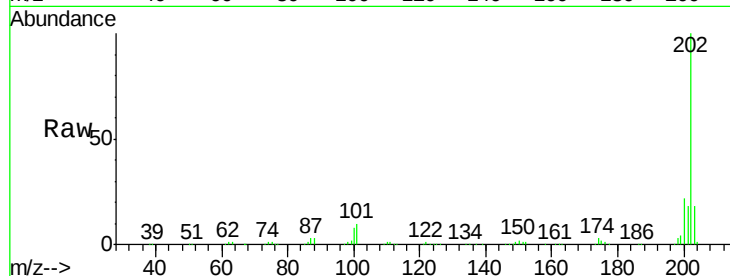




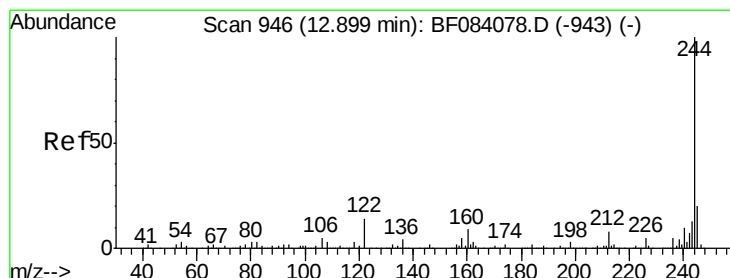
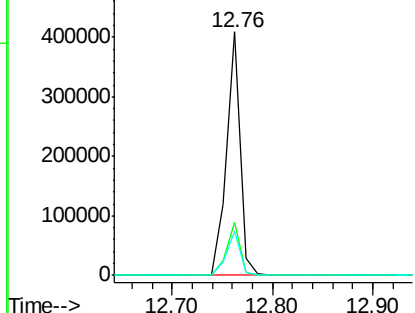
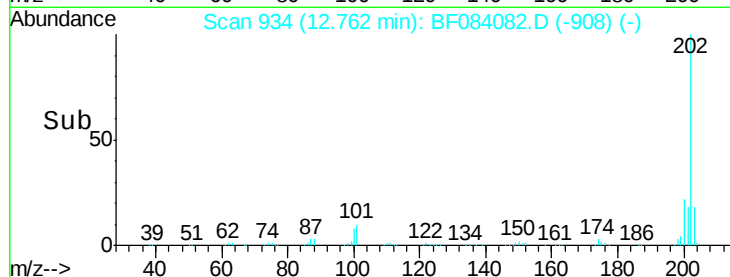
#77
 Pyrene
 Concen: 37.87 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.8	14.3	21.5

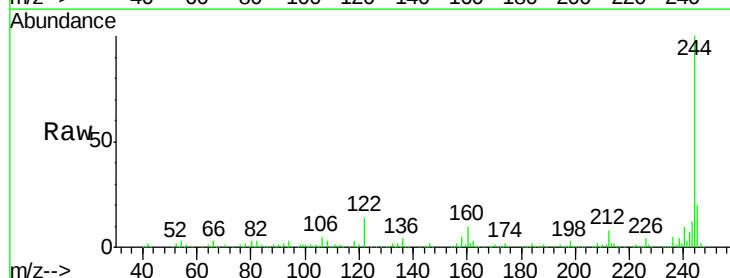


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

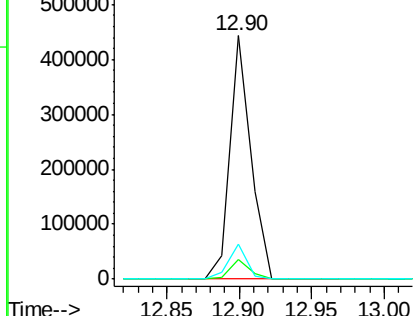
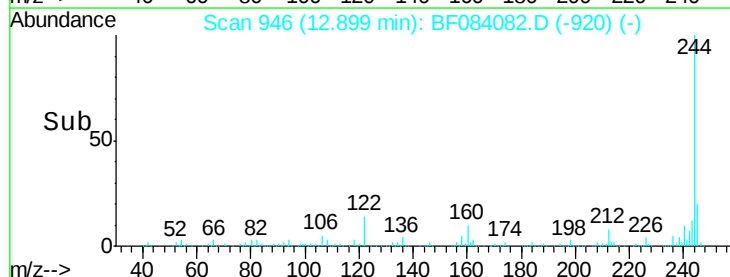


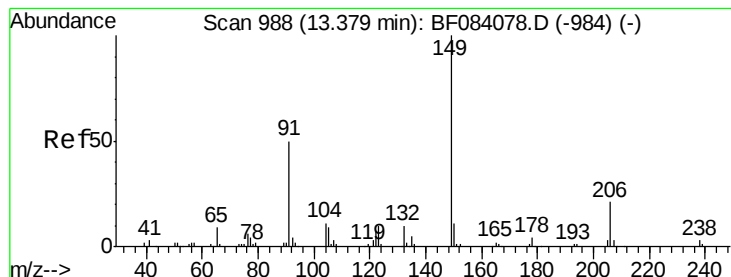
#78
 Terphenyl-d14
 Concen: 67.93 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	14.4	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: 38.18 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

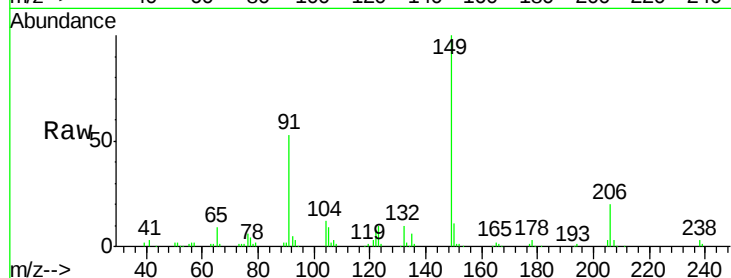
Tgt Ion:149 Resp: 161318

Ion Ratio Lower Upper

149 100

91 52.6 57.6 86.4#

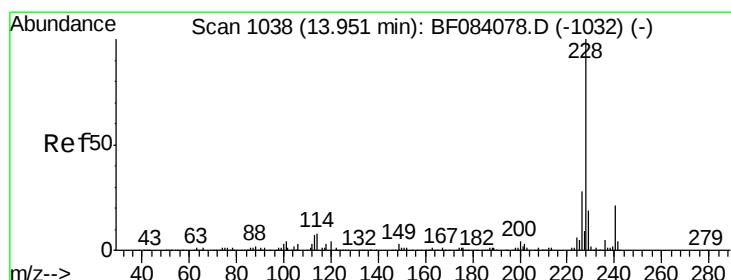
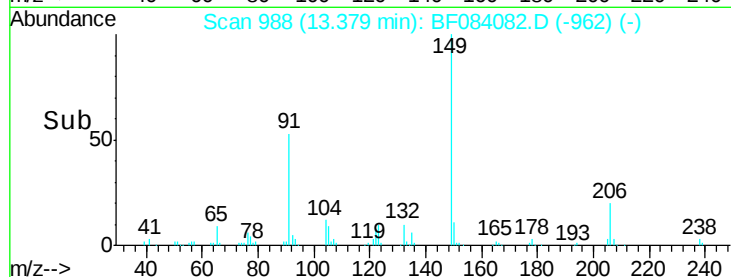
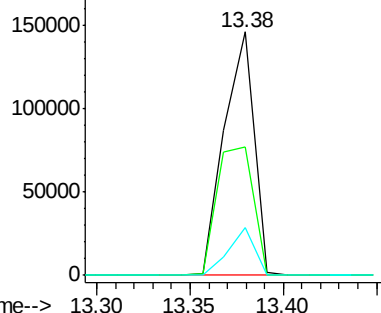
206 19.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.71 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

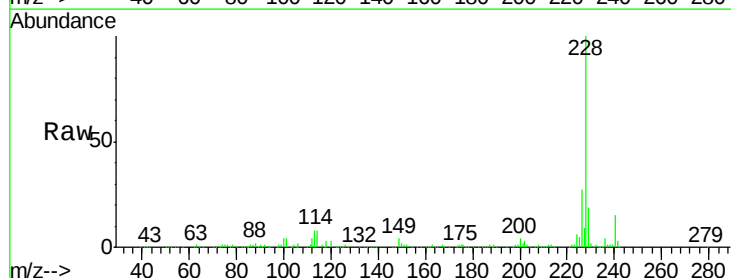
Tgt Ion:228 Resp: 274476

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

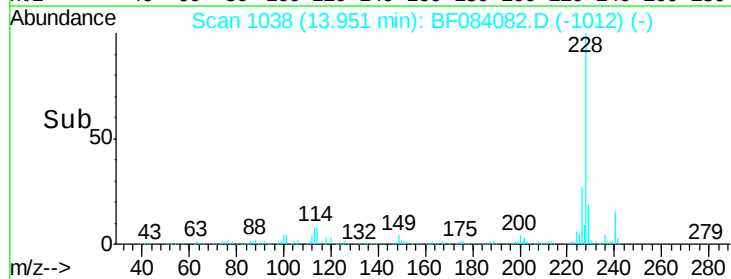
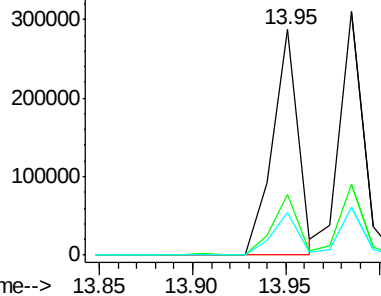
229 19.1 15.8 23.8

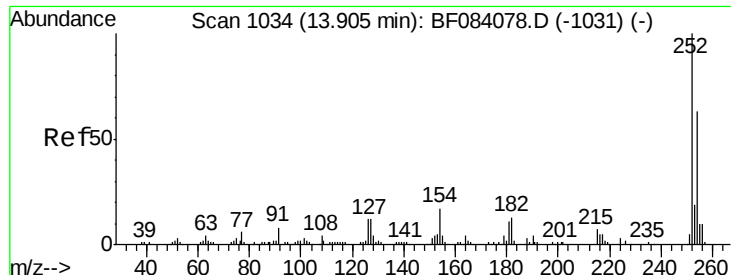


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

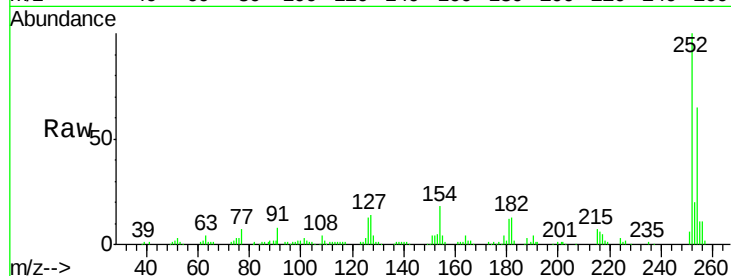




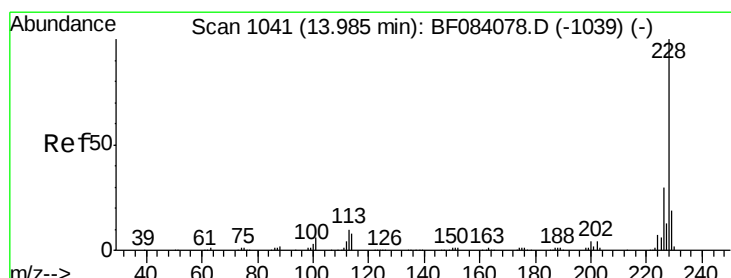
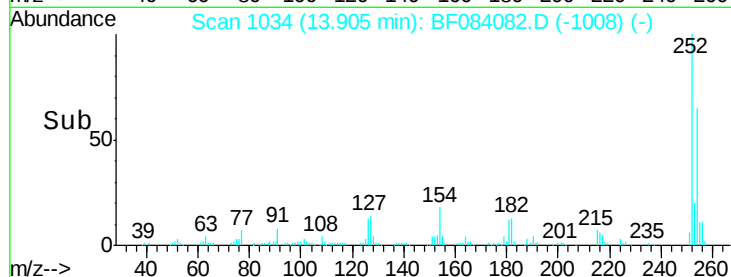
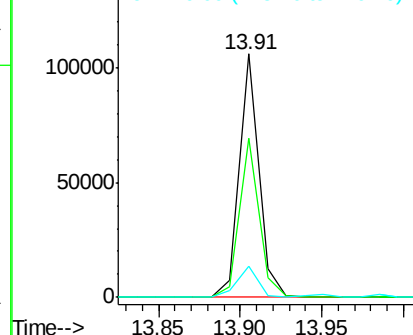
#81
 3,3'-Dichlorobenzidine
 Concen: 39.55 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122415

Tgt Ion:252 Resp: 87179
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.5 80.3
 126 12.8 4.9 7.3#

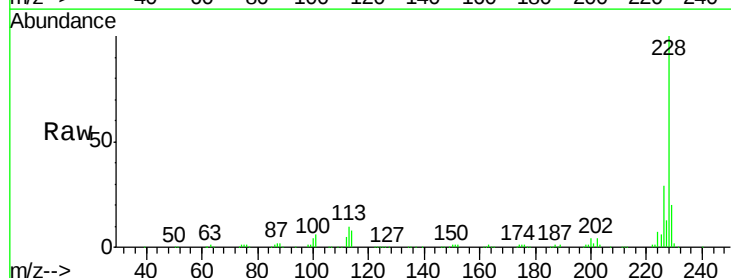


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

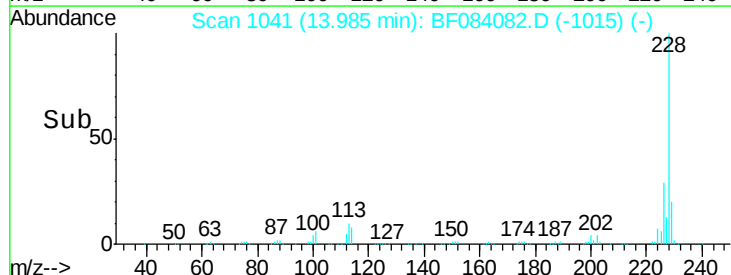
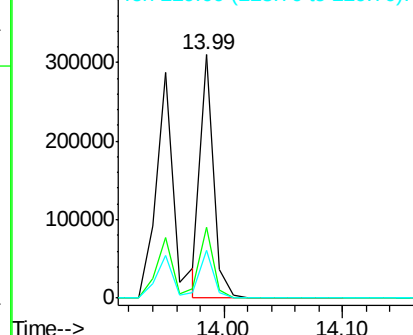


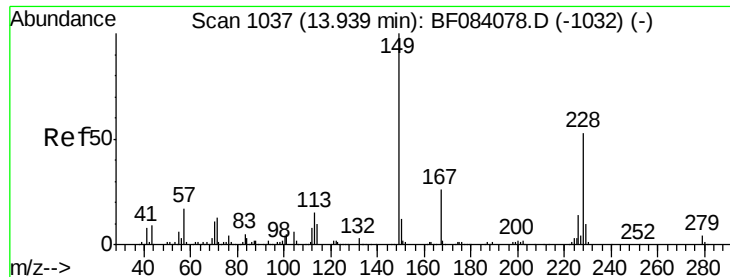
#82
 Chrysene
 Concen: 36.28 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084082.D
 Acq: 24 Dec 2015 16:31

Tgt Ion:228 Resp: 243500
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.3 36.5
 229 19.5 16.1 24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.21 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

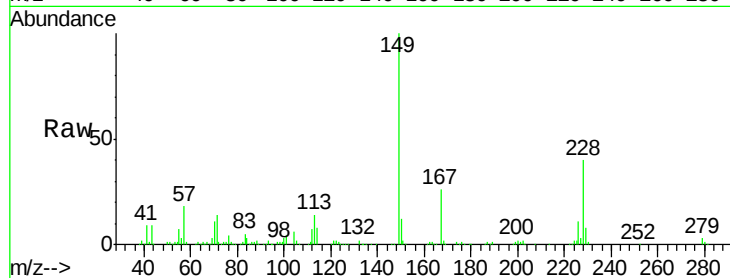
Tgt Ion:149 Resp: 208595

Ion Ratio Lower Upper

149 100

167 25.9 19.7 29.5

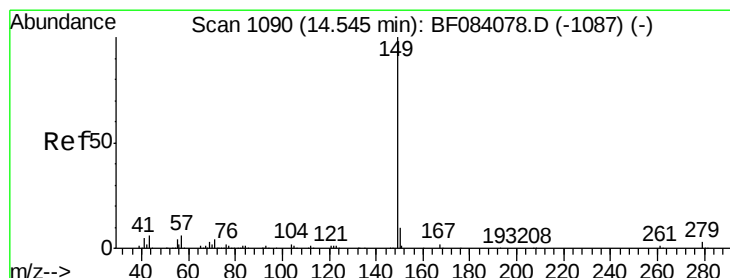
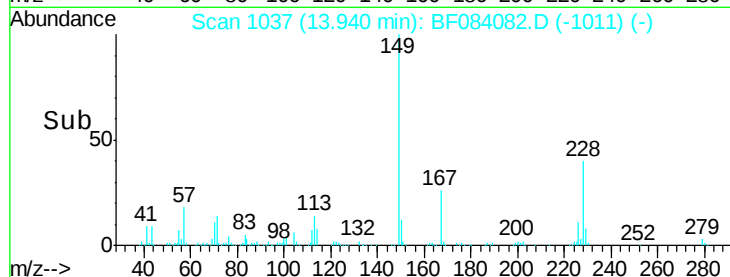
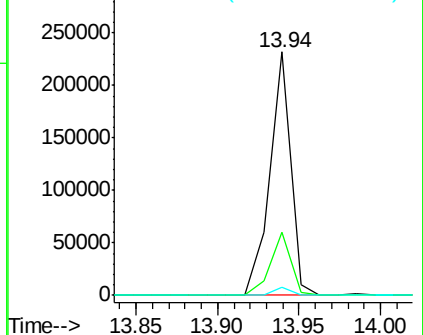
279 3.4 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.84 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

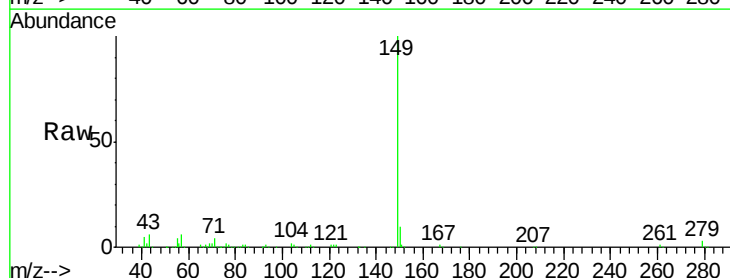
Tgt Ion:149 Resp: 298415

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

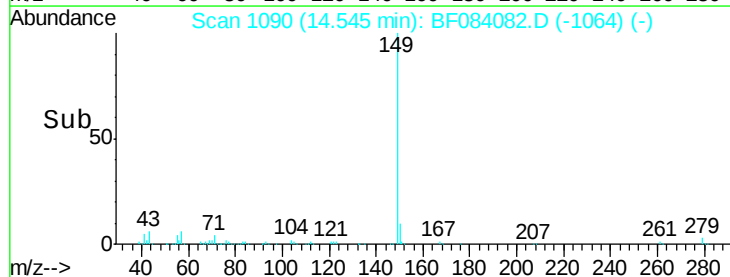
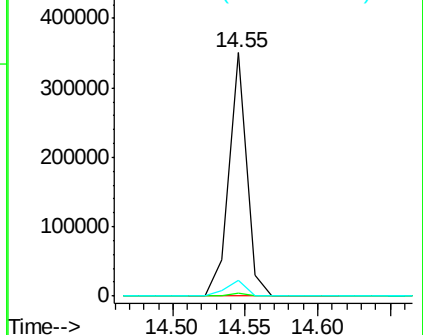
43 7.1 5.6 8.4

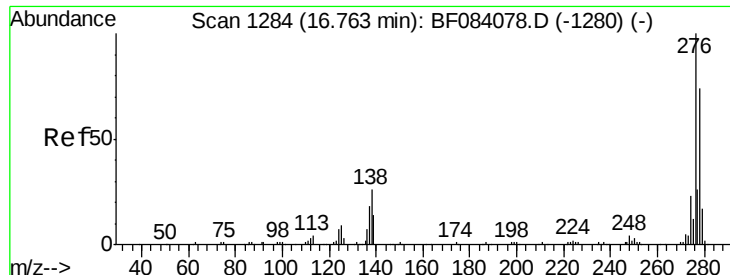


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.43 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

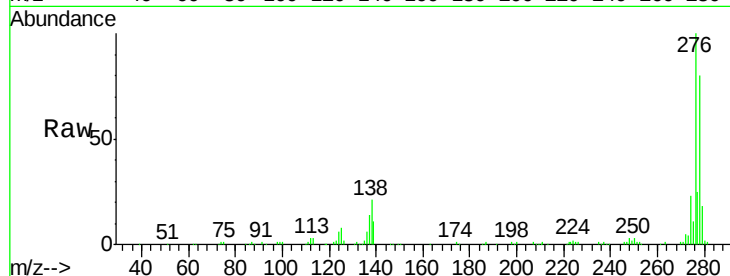
Tgt Ion:276 Resp: 251541

Ion Ratio Lower Upper

276 100

138 25.3 20.6 30.8

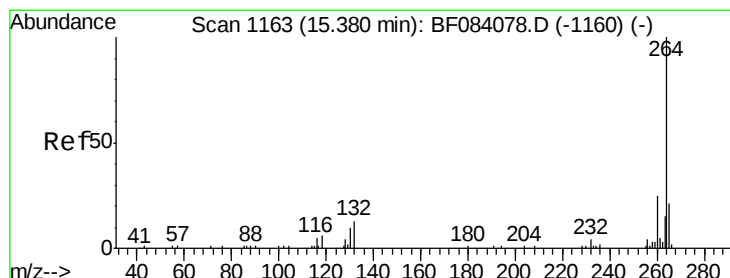
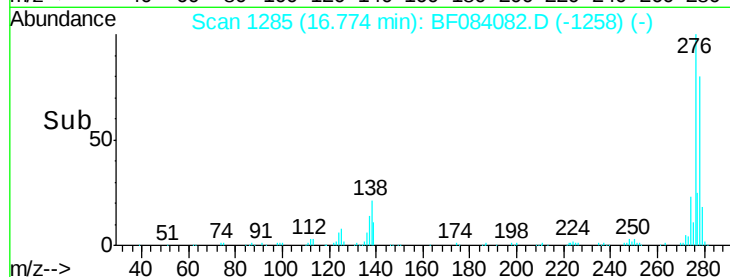
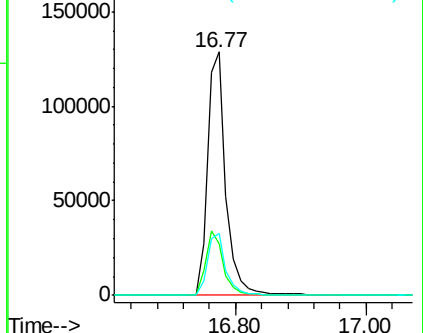
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

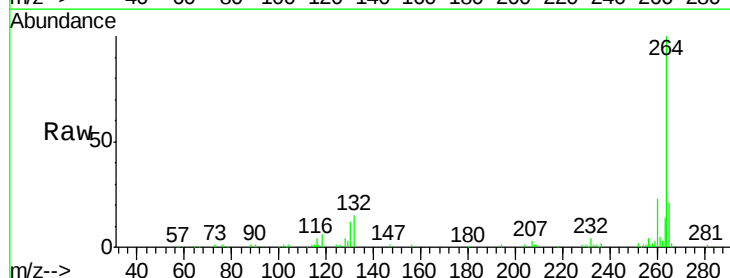
Tgt Ion:264 Resp: 92999

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

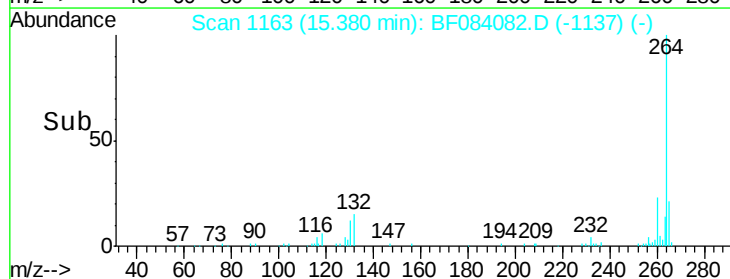
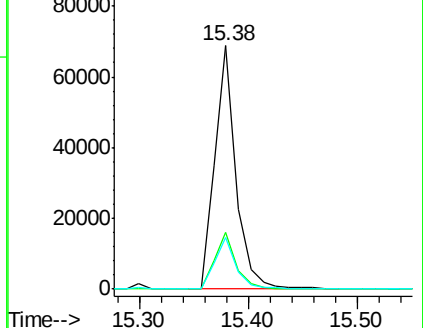
265 21.1 17.8 26.6

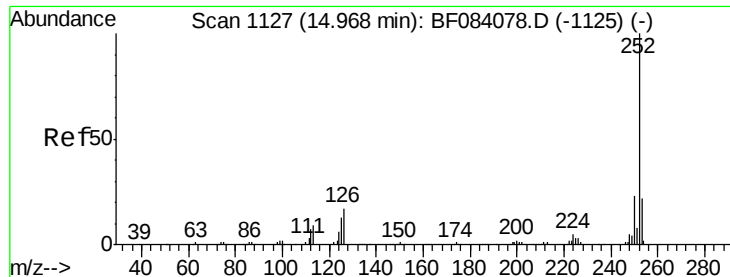


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 64.81 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

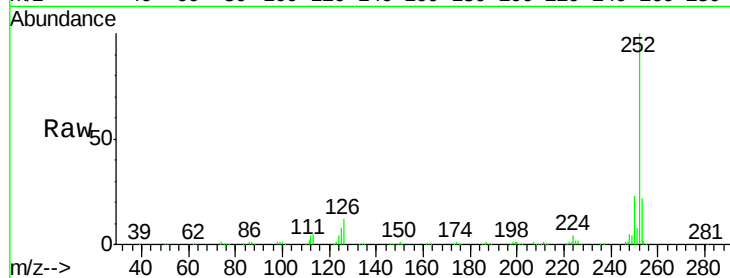
Tgt Ion:252 Resp: 447634

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

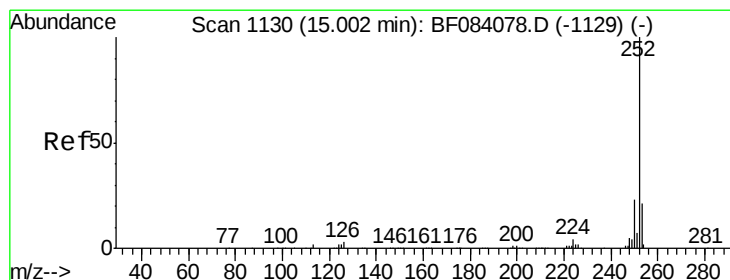
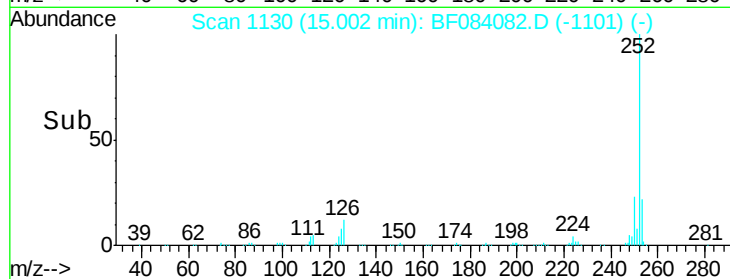
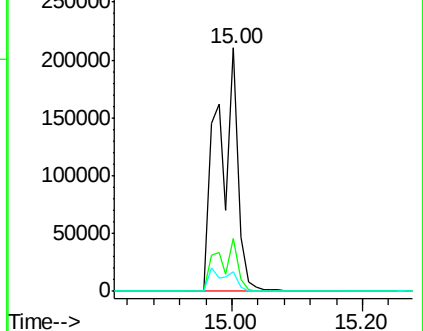
125 8.1 6.5 9.7



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



#88

Benzo(k)fluoranthene

Concen: 95.64 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

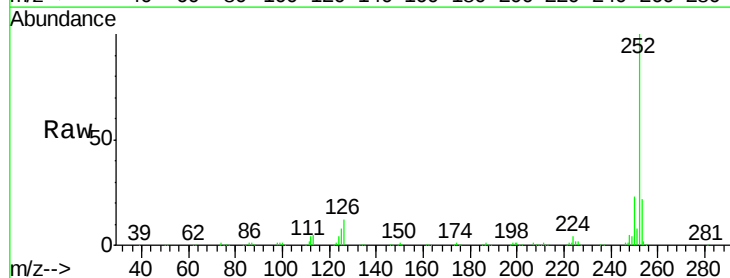
Tgt Ion:252 Resp: 447634

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

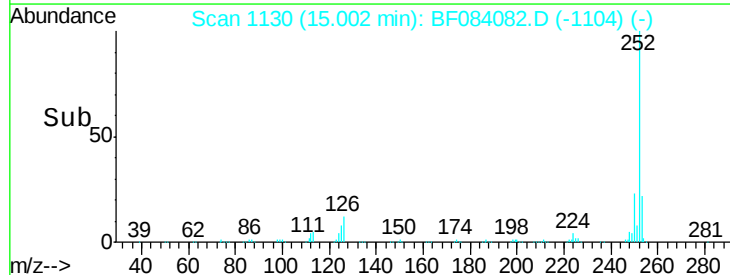
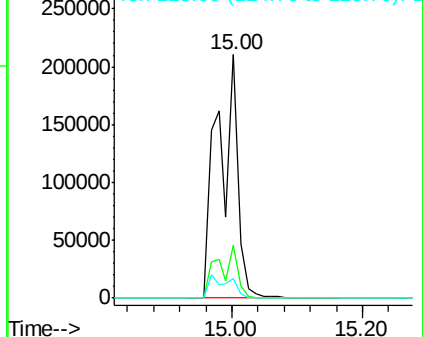
125 8.1 9.0 13.6#

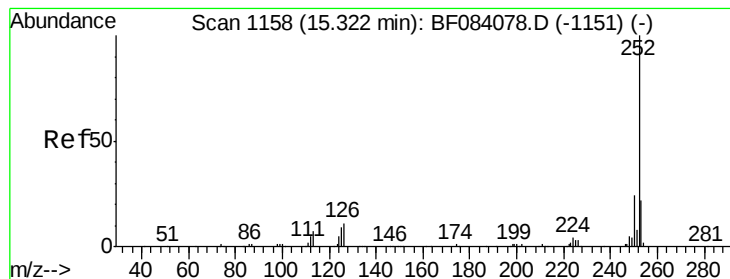


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.59 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415

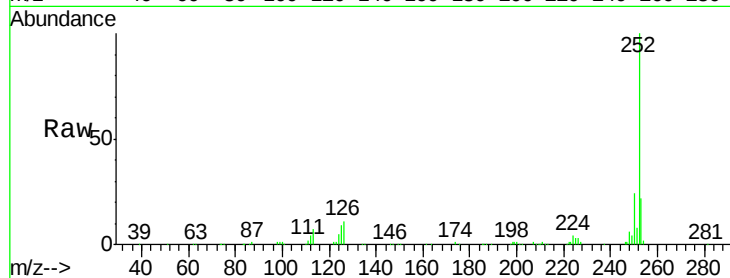
Tgt Ion: 252 Resp: 208212

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

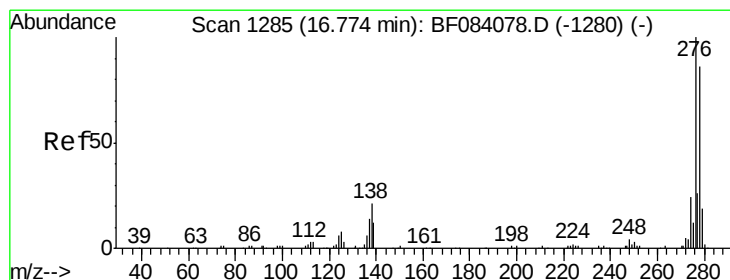
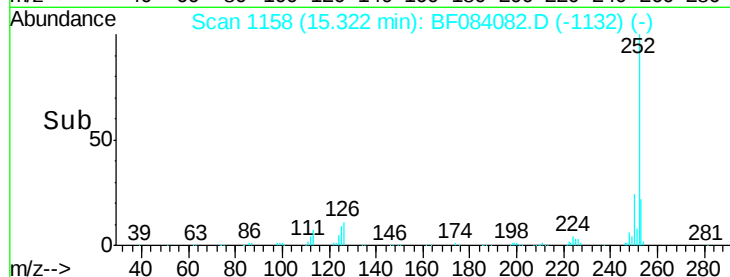
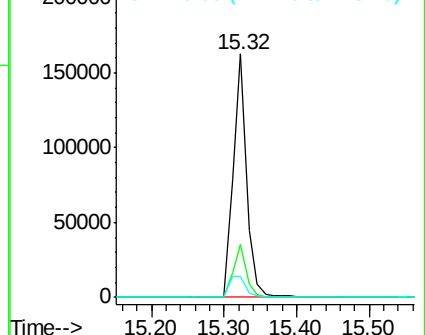
125 8.8 7.0 10.4



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: 37.73 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084082.D

Acq: 24 Dec 2015 16:31

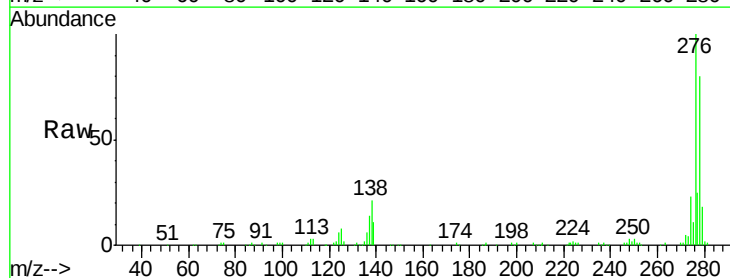
Tgt Ion: 278 Resp: 209481

Ion Ratio Lower Upper

278 100

139 14.4 15.0 22.4#

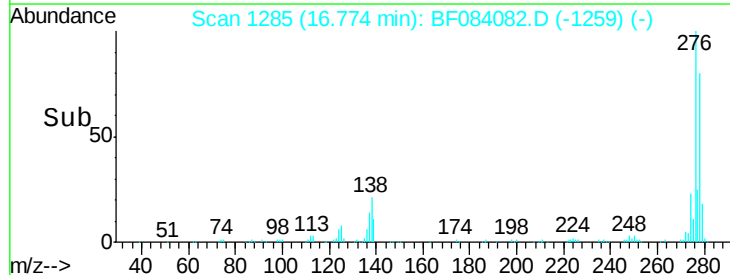
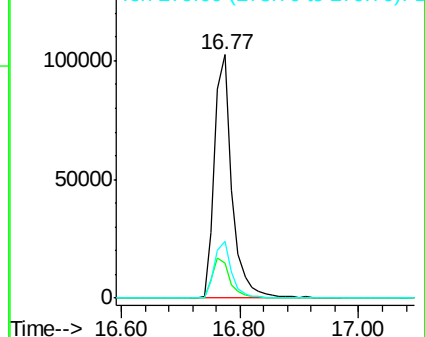
279 23.2 18.9 28.3

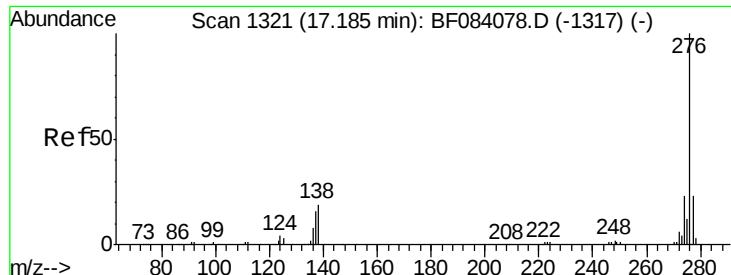


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.43 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084082.D

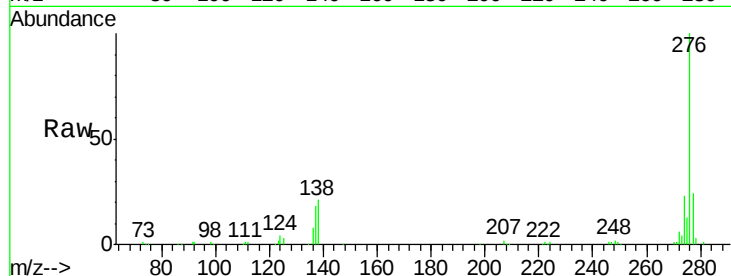
Acq: 24 Dec 2015 16:31

Instrument :

BNA_F

ClientSampleId :

ICVBF122415



Tgt Ion: 276 Resp: 212150

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.6 17.8 26.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

