

Data Path : Z:\HPCHEM1\BNA_F\Data\BF072215\
 Data File : BF080564.D
 Acq On : 22 Jul 2015 19:15
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Quant Time: Jul 23 05:23:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	31357	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	114489	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	48752	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	85438	20.00	ng	0.00
75) Chrysene-d12	14.27	240	66828	20.00	ng	-0.05
86) Perylene-d12	15.91	264	44635	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	147886	83.64	ng	0.00
7) Phenol-d6	6.57	99	181610	83.40	ng	0.00
23) Nitrobenzene-d5	7.52	82	164368	92.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	27905	79.55	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	276739	81.63	ng	0.00
78) Terphenyl-d14	13.12	244	254360	78.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	35905	39.06	ng	# 100
3) Pyridine	3.28	79	86260	40.42	ng	90
4) n-Nitrosodimethylamine	3.18	42	52700	39.09	ng	# 97
6) Aniline	6.61	93	130710	40.06	ng	98
8) 2-Chlorophenol	6.74	128	79000	42.66	ng	95
9) Benzaldehyde	6.50	77	66736	40.73	ng	99
10) Phenol	6.58	94	106998	41.31	ng	99
11) bis(2-Chloroethyl)ether	6.68	93	76979	41.38	ng	94
12) 1,3-Dichlorobenzene	6.90	146	96235	40.17	ng	99
13) 1,4-Dichlorobenzene	6.98	146	94563	41.44	ng	99
14) 1,2-Dichlorobenzene	7.13	146	91225	41.45	ng	98
15) Benzyl Alcohol	7.09	79	74805	41.49	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	153474	39.40	ng	98
17) 2-Methylphenol	7.20	107	63448	40.17	ng	99
18) Hexachloroethane	7.48	117	33845	42.07	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	55511	39.69	ng	99
20) 3+4-Methylphenols	7.36	107	83489	41.91	ng	98
22) Acetophenone	7.37	105	111705	40.87	ng	98
24) Nitrobenzene	7.54	77	86937	40.68	ng	99
25) Isophorone	7.78	82	151061	40.24	ng	98
26) 2-Nitrophenol	7.86	139	23073	44.91	ng	# 92
27) 2,4-Dimethylphenol	7.89	122	62864	39.55	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	81989	40.72	ng	99
29) 2,4-Dichlorophenol	8.10	162	54697	43.06	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	71359	40.18	ng	98
31) Naphthalene	8.27	128	230347	40.52	ng	99
32) Benzoic acid	7.94	122	19155	42.06	ng	92
33) 4-Chloroaniline	8.32	127	88826	40.59	ng	97
34) Hexachlorobutadiene	8.40	225	43035	41.49	ng	95
35) Caprolactam	8.64	113	14300	39.91	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	66424	42.28	ng	99
37) 2-Methylnaphthalene	8.96	142	127564	40.07	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	67264	40.24	ng	98
40) Hexachlorocyclopentadiene	9.12	237	33450	46.45	ng	93

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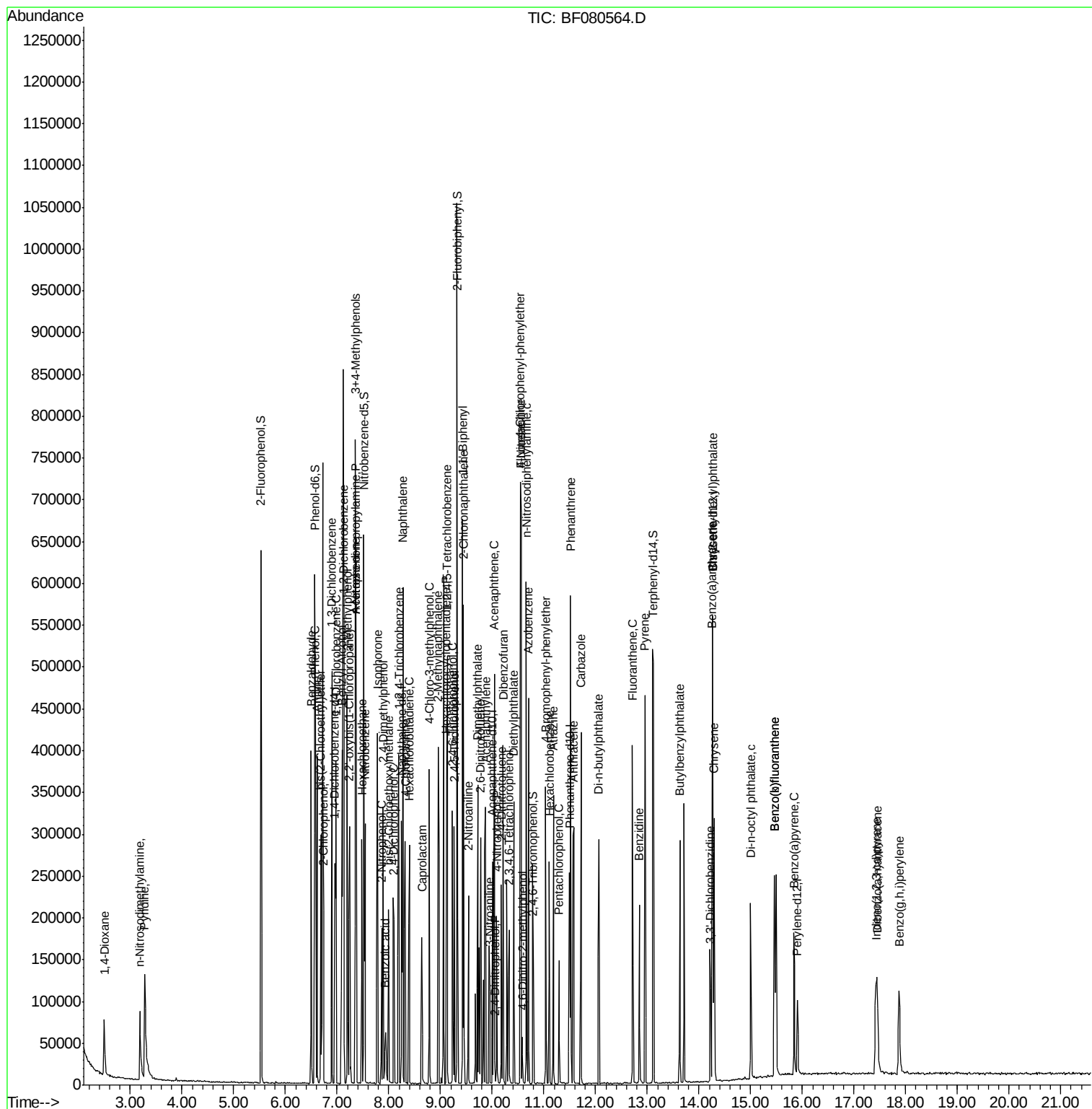
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	35124	42.43	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	39215	45.33	ng	95
45) 1,1'-Biphenyl	9.42	154	170160	41.64	ng	99
46) 2-Chloronaphthalene	9.45	162	134343	41.62	ng	97
47) 2-Nitroaniline	9.54	65	31380	43.07	ng	96
48) Acenaphthylene	9.87	152	194030	40.96	ng	99
49) Dimethylphthalate	9.72	163	142900	41.74	ng	99
50) 2,6-Dinitrotoluene	9.78	165	24314	42.82	ng	97
51) Acenaphthene	10.04	154	118179	42.46	ng	98
52) 3-Nitroaniline	9.95	138	23180	41.30	ng	97
53) 2,4-Dinitrophenol	10.05	184	3594	43.48	ng	92
54) Dibenzofuran	10.21	168	167183	40.90	ng	99
55) 4-Nitrophenol	10.09	139	19211	43.39	ng	98
56) 2,4-Dinitrotoluene	10.18	165	27993	43.97	ng	# 96
57) Fluorene	10.56	166	131576	40.28	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	29117	41.62	ng	98
59) Diethylphthalate	10.42	149	125013	39.57	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	56822	40.34	ng	97
61) 4-Nitroaniline	10.56	138	23400	38.18	ng	97
62) Azobenzene	10.70	77	145502	41.82	ng	100
64) 4,6-Dinitro-2-methylphenol	10.59	198	5937	42.97	ng	91
65) n-Nitrosodiphenylamine	10.66	169	119695	42.49	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	31795	38.67	ng	94
67) Hexachlorobenzene	11.10	284	37875	40.55	ng	97
68) Atrazine	11.18	200	31657	41.89	ng	96
69) Pentachlorophenol	11.29	266	14628	39.44	ng	97
70) Phenanthrene	11.52	178	197993	40.83	ng	99
71) Anthracene	11.57	178	182565	40.68	ng	98
72) Carbazole	11.72	167	165235	40.65	ng	97
73) Di-n-butylphthalate	12.07	149	172023	36.32	ng	98
74) Fluoranthene	12.72	202	167394	38.15	ng	97
76) Benzidine	12.84	184	82466	41.50	ng	100
77) Pyrene	12.96	202	175965	38.68	ng	99
79) Butylbenzylphthalate	13.63	149	58819	41.79	ng	90
80) Benzo(a)anthracene	14.26	228	155041	40.83	ng	98
81) 3,3'-Dichlorobenzidine	14.23	252	40994	35.95	ng	# 93
82) Chrysene	14.29	228	148311	39.08	ng	99
83) Bis(2-ethylhexyl)phthalate	14.27	149	90111	37.42	ng	99
84) Di-n-octyl phthalate	15.00	149	112541	38.21	ng	98
85) Indeno(1,2,3-cd)pyrene	17.43	276	108795	40.35	ng	97
87) Benzo(b)fluoranthene	15.46	252	138176	49.24	ng	# 98
88) Benzo(k)fluoranthene	15.46	252	138176	49.73	ng	99
89) Benzo(a)pyrene	15.84	252	102635	42.20	ng	97
90) Dibenzo(a,h)anthracene	17.45	278	88403	42.59	ng	100
91) Benzo(g,h,i)perylene	17.87	276	90016	42.64	ng	99

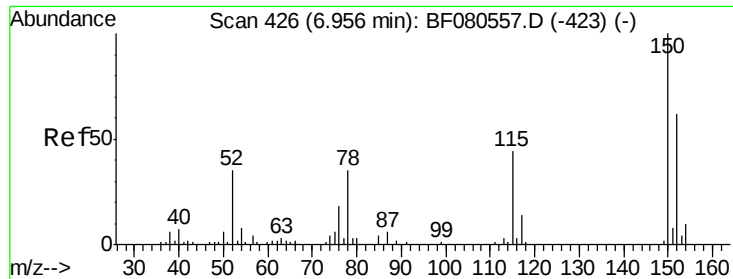
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

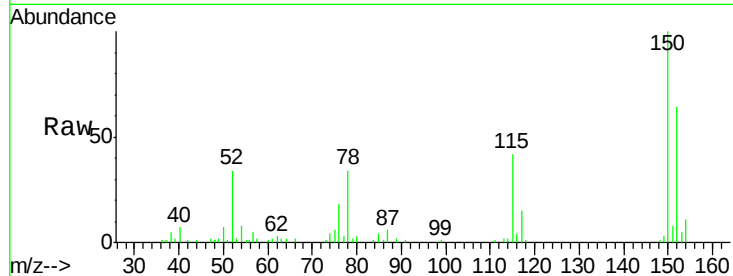
Tgt Ion:152 Resp: 31357

Ion Ratio Lower Upper

152 100

150 156.8 128.7 193.1

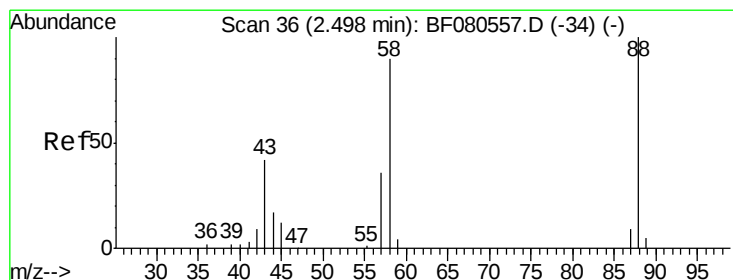
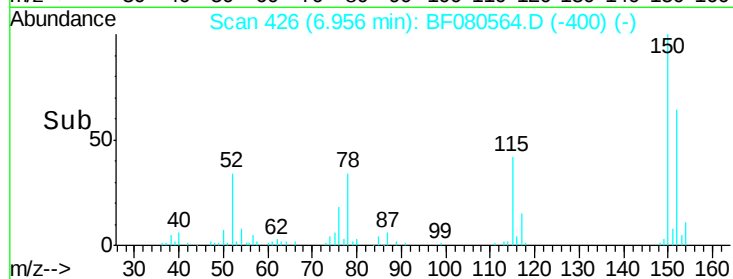
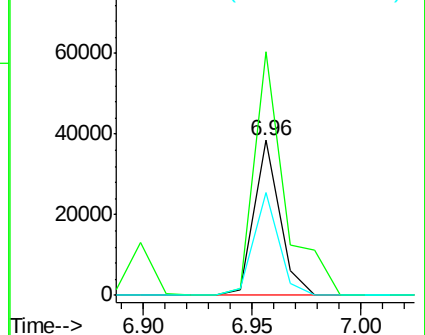
115 66.4 56.8 85.2



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: 39.06 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

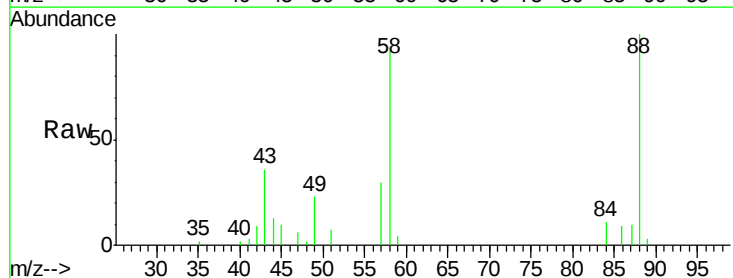
Tgt Ion: 88 Resp: 35905

Ion Ratio Lower Upper

88 100

58 90.1 0.0 0.0#

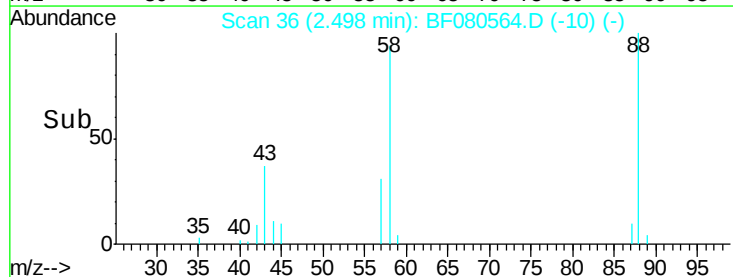
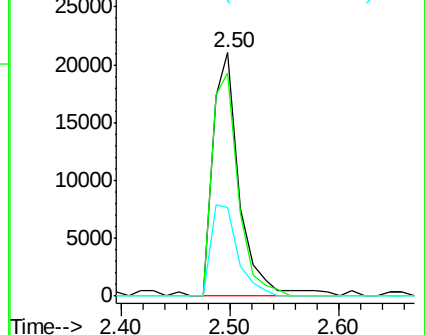
43 37.9 0.0 0.0#

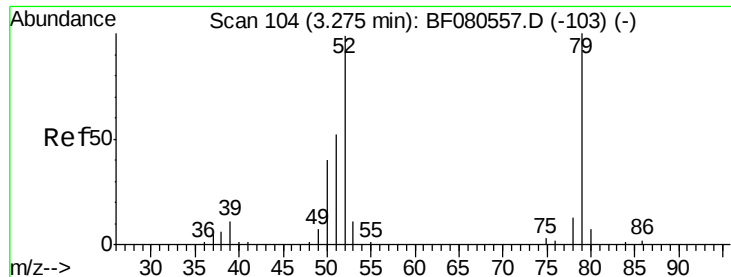


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.42 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

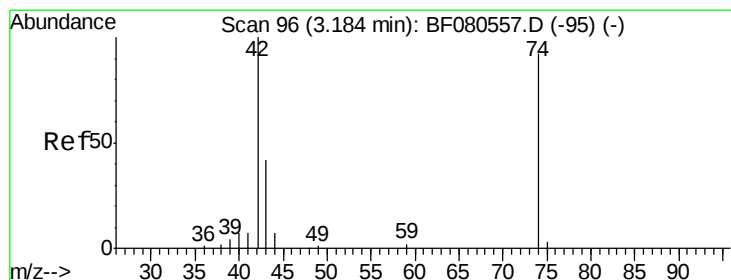
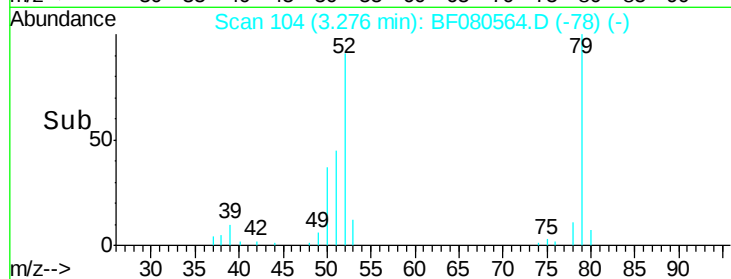
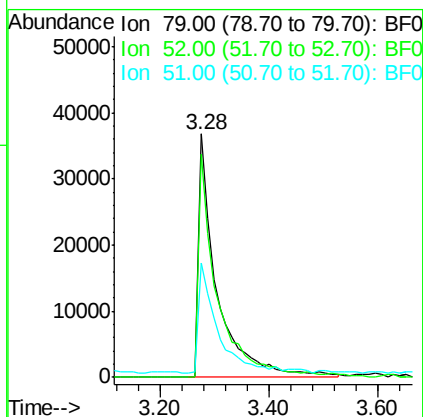
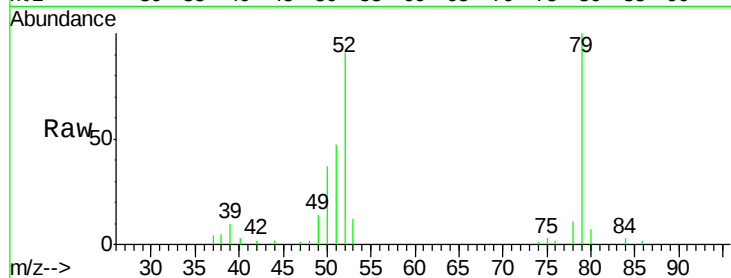
Tgt Ion: 79 Resp: 86260

Ion Ratio Lower Upper

79 100

52 91.5 79.6 119.4

51 46.8 44.5 66.7



#4

n-Nitrosodimethylamine

Concen: 39.09 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

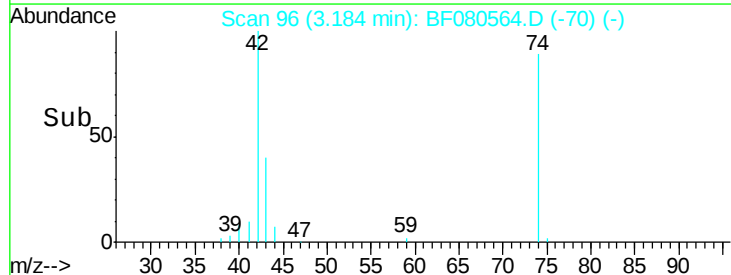
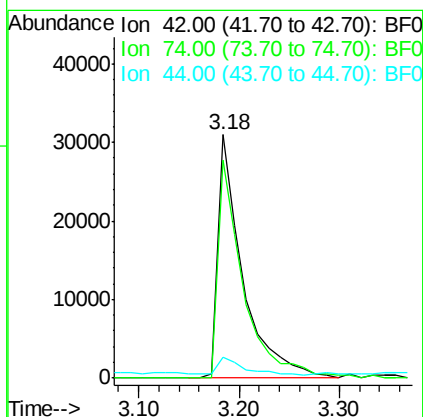
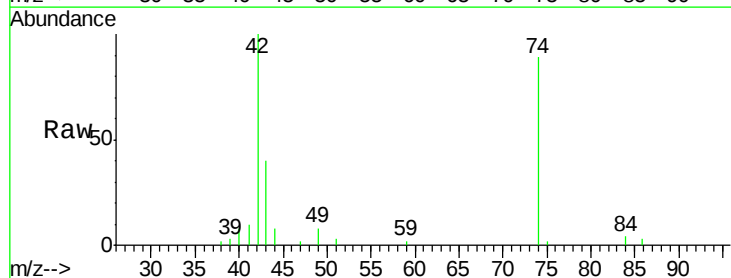
Tgt Ion: 42 Resp: 52700

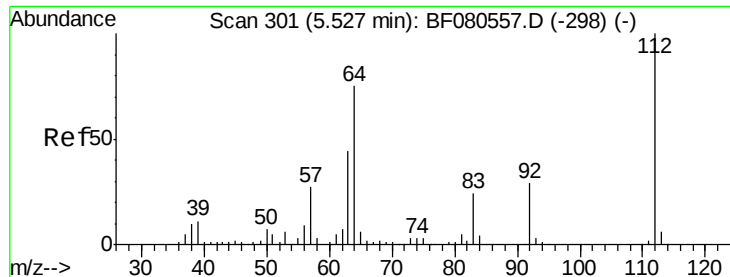
Ion Ratio Lower Upper

42 100

74 89.3 72.6 108.8

44 8.5 10.4 15.6#





#5

2-Fluorophenol

Concen: 83.64 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

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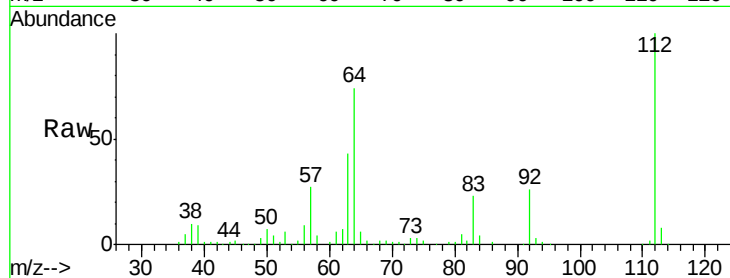
Tgt Ion: 112 Resp: 147886

Ion Ratio Lower Upper

112 100

64 74.0 60.2 90.2

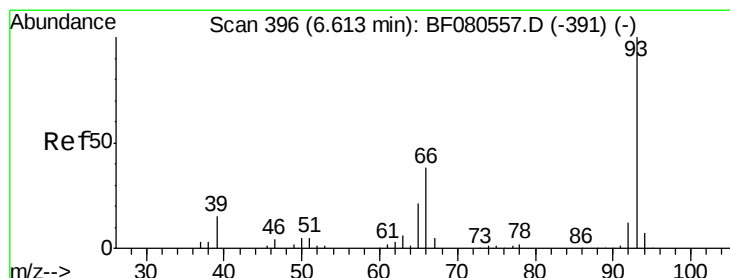
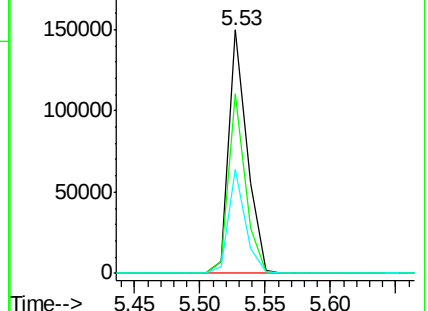
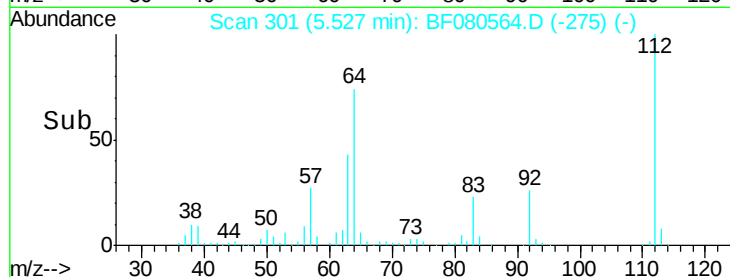
63 42.9 34.8 52.2



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: 40.06 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

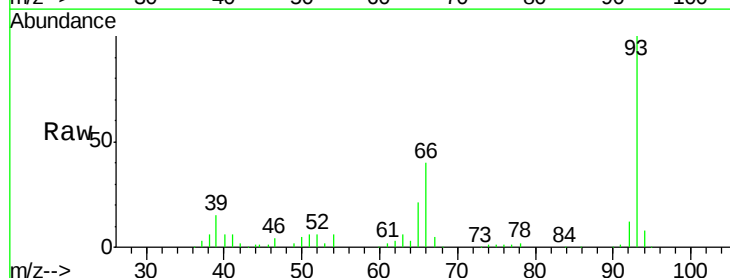
Tgt Ion: 93 Resp: 130710

Ion Ratio Lower Upper

93 100

66 39.7 33.1 49.7

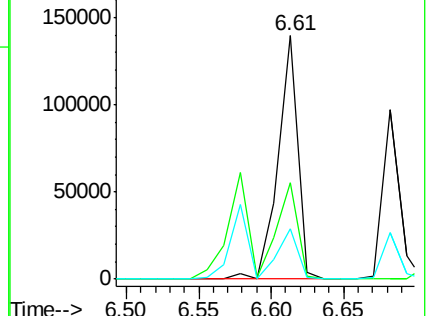
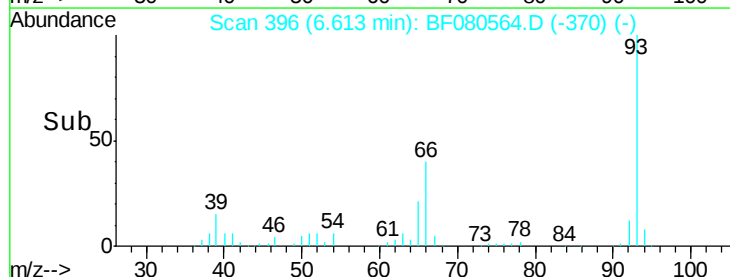
65 20.9 17.2 25.8

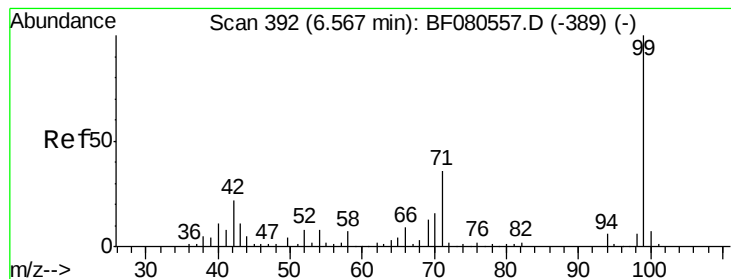


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.40 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080564.D

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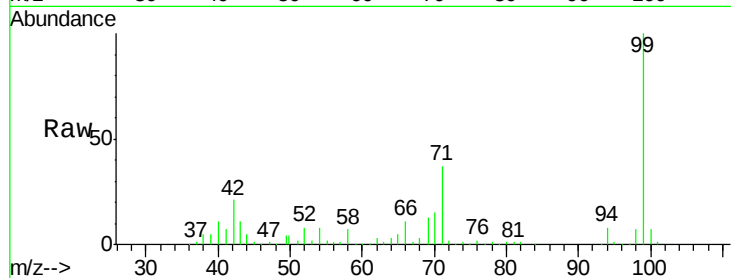
Tgt Ion: 99 Resp: 181610

Ion Ratio Lower Upper

99 100

42 21.2 17.4 26.2

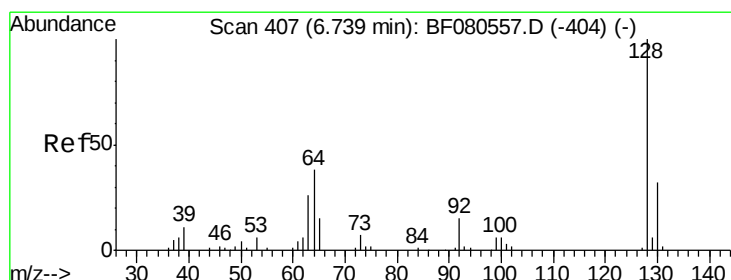
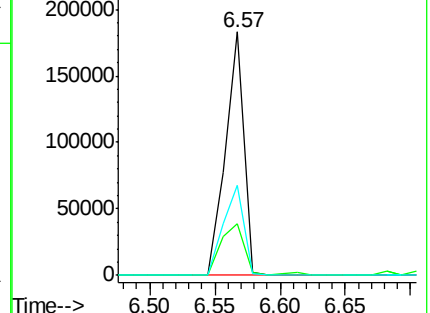
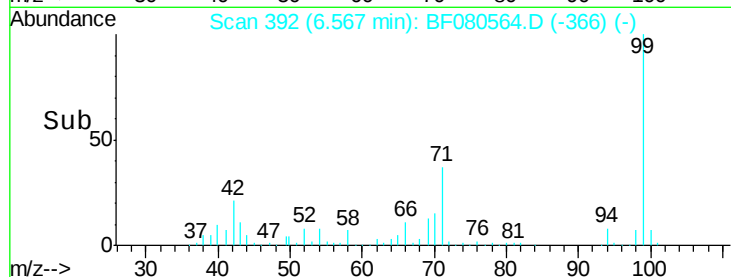
71 37.2 29.0 43.6



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: 42.66 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

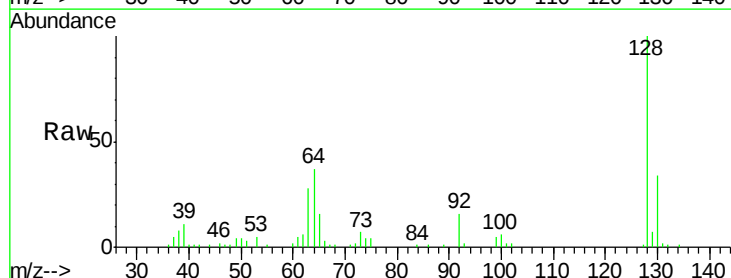
Tgt Ion: 128 Resp: 79000

Ion Ratio Lower Upper

128 100

130 33.7 11.8 51.8

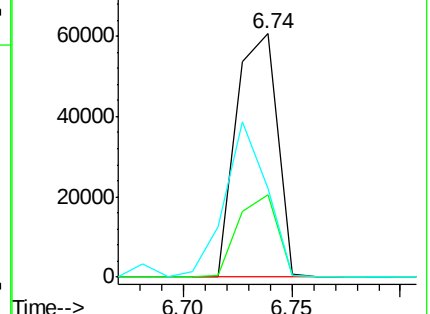
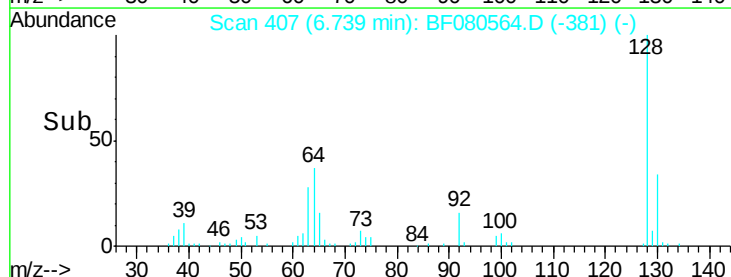
64 36.7 20.2 60.2

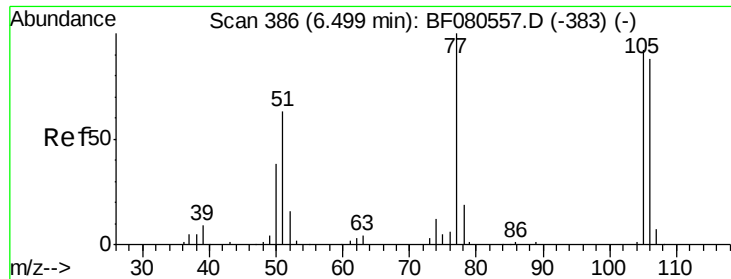


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.73 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

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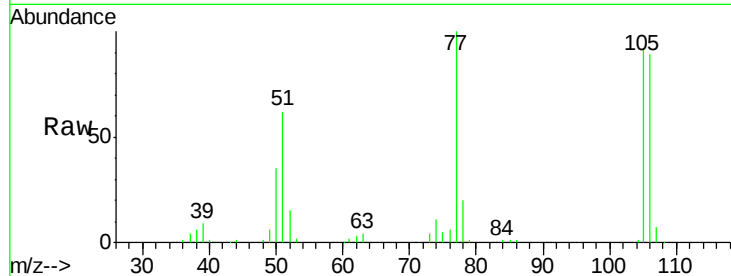
Tgt Ion: 77 Resp: 66736

Ion Ratio Lower Upper

77 100

105 91.8 72.3 112.3

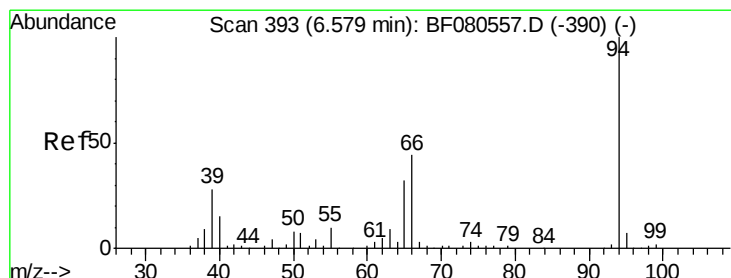
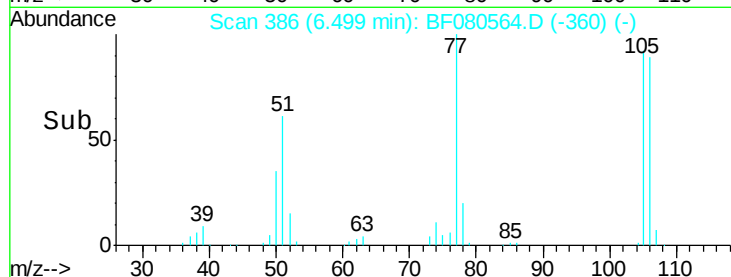
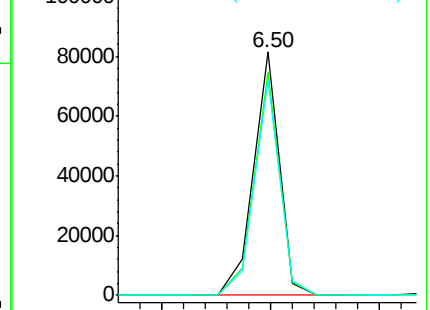
106 88.7 67.5 107.5



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: 41.31 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

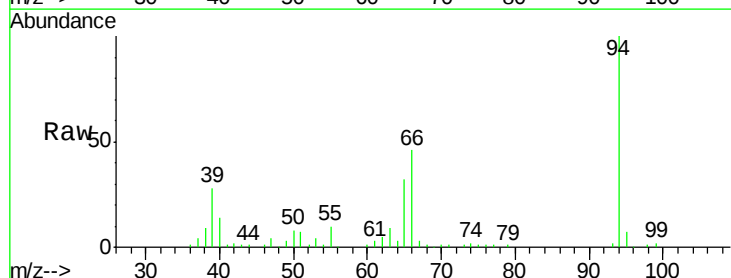
Tgt Ion: 94 Resp: 106998

Ion Ratio Lower Upper

94 100

65 32.1 12.1 52.1

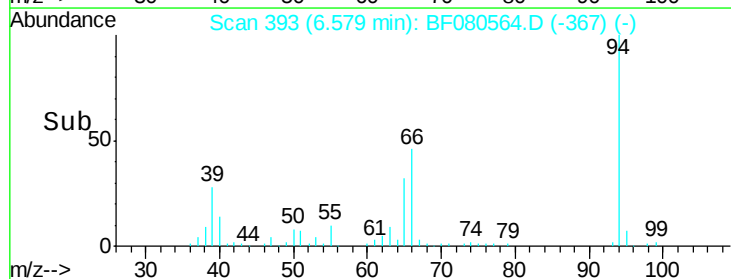
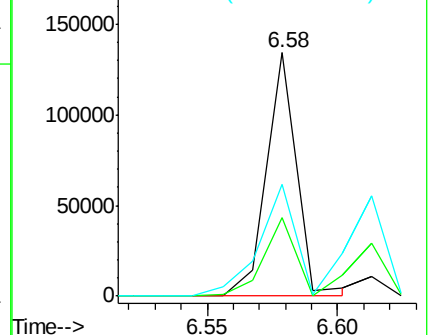
66 45.7 24.3 64.3

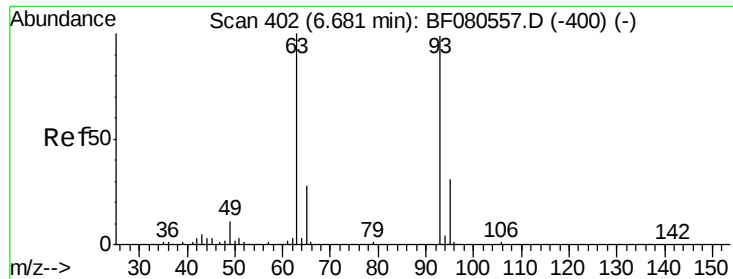


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.38 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

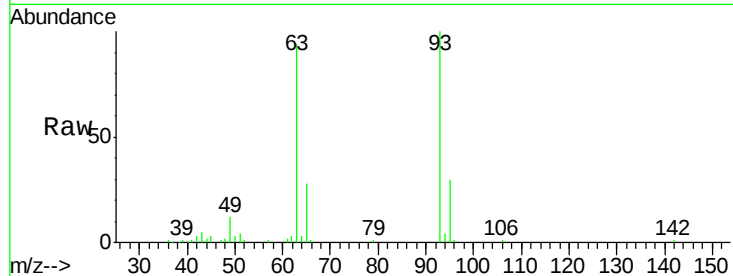
Tgt Ion: 93 Resp: 76979

Ion Ratio Lower Upper

93 100

63 93.5 80.5 120.5

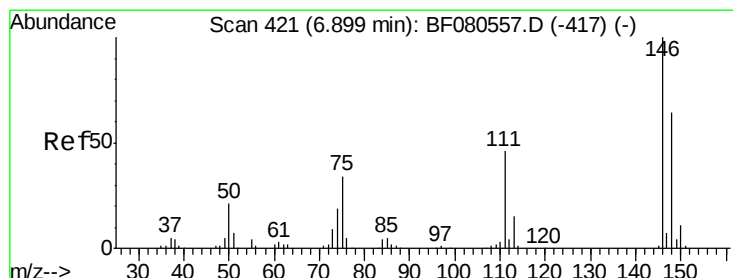
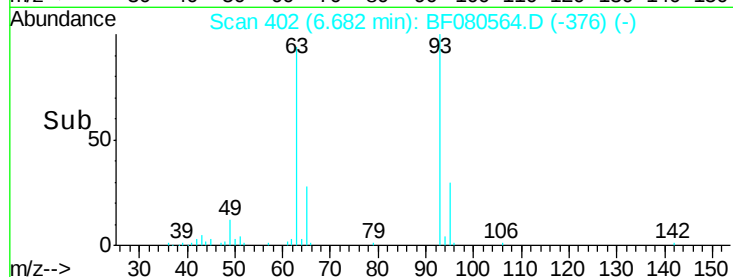
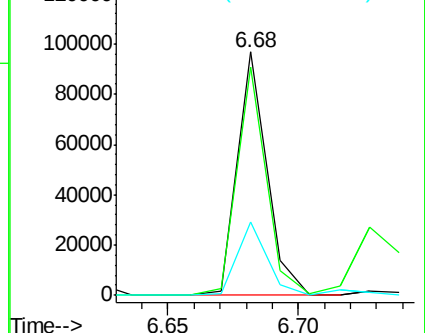
95 30.4 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.17 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

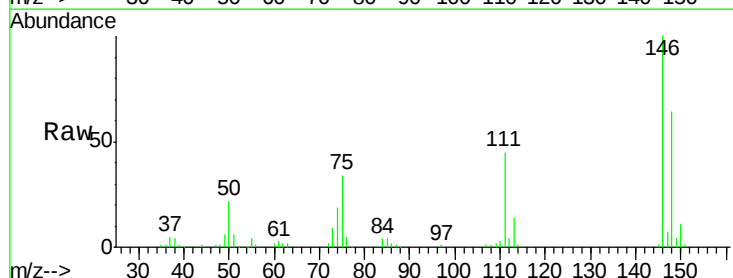
Tgt Ion: 146 Resp: 96235

Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

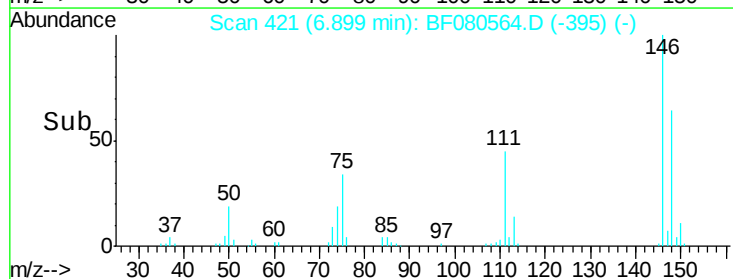
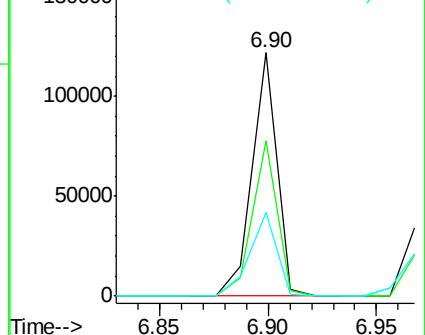
75 34.4 27.1 40.7

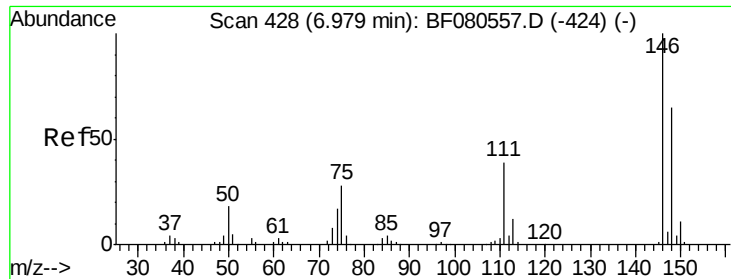


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

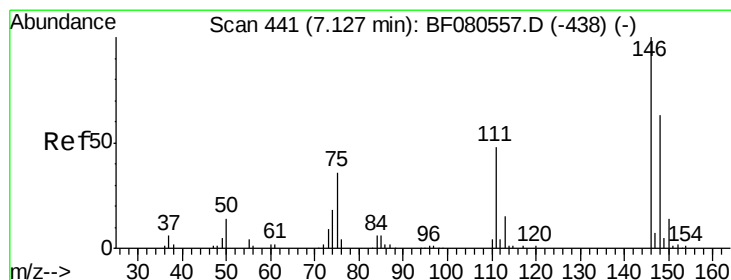
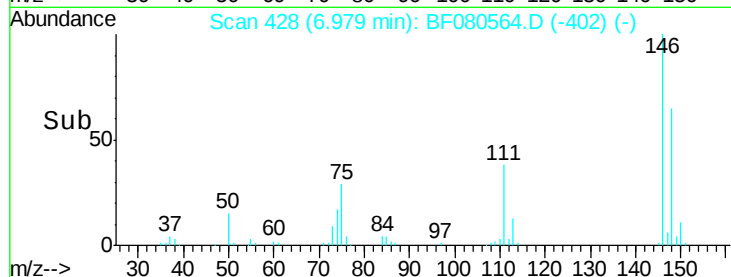
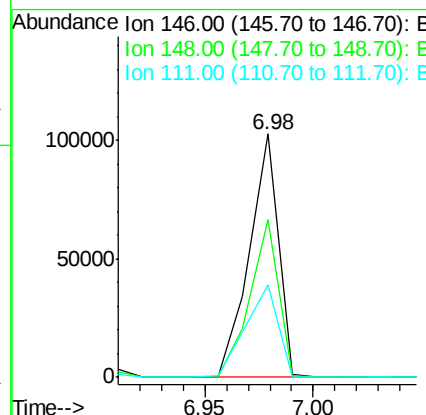
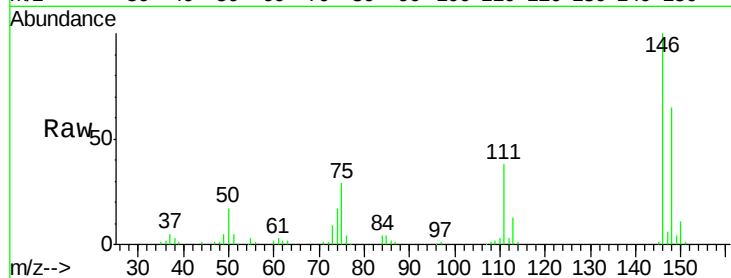




#13
 1,4-Dichlorobenzene
 Concen: 41.44 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

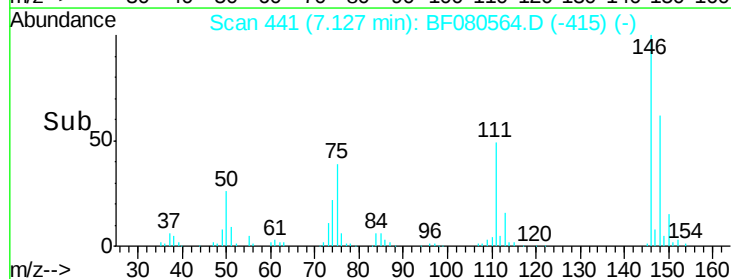
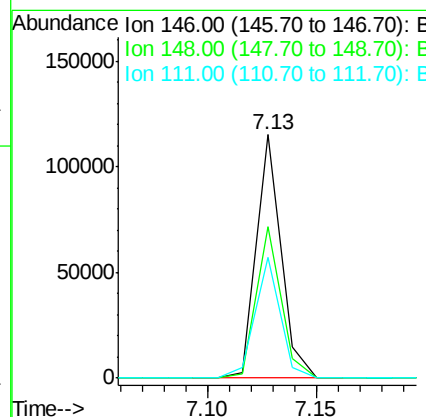
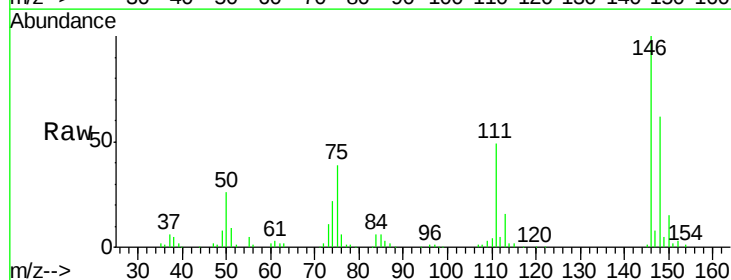
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

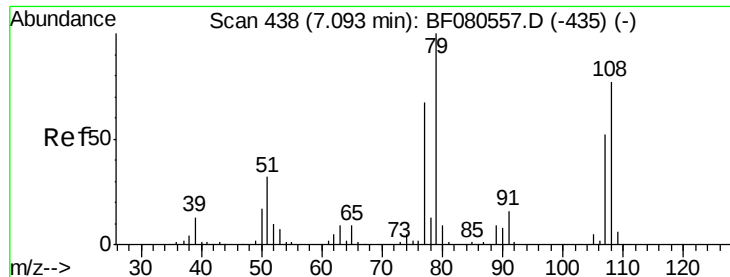
Tgt Ion:146 Resp: 94563
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 38.3 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 41.45 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:146 Resp: 91225
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.3 75.5
 111 49.4 38.2 57.2





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

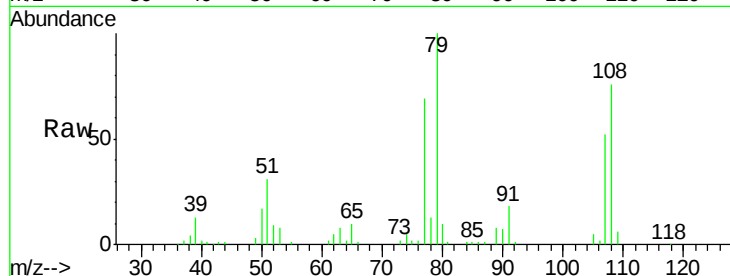
Tgt Ion: 79 Resp: 74805

Ion Ratio Lower Upper

79 100

108 76.2 61.5 92.3

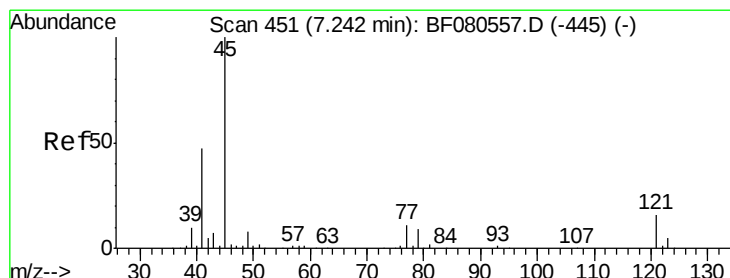
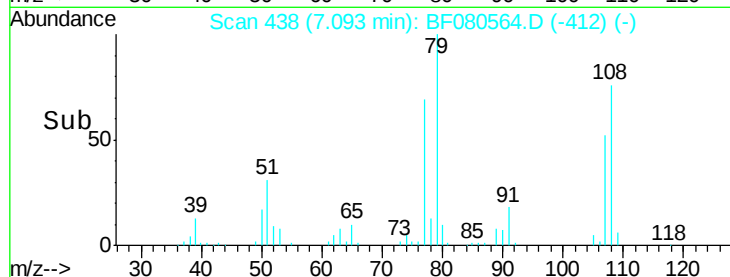
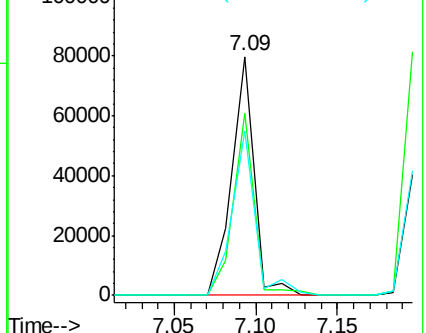
77 68.5 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.40 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

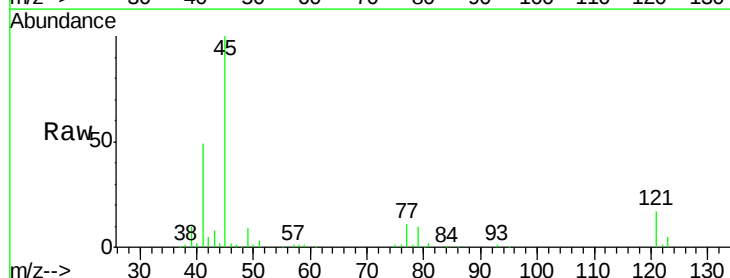
Tgt Ion: 45 Resp: 153474

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.8

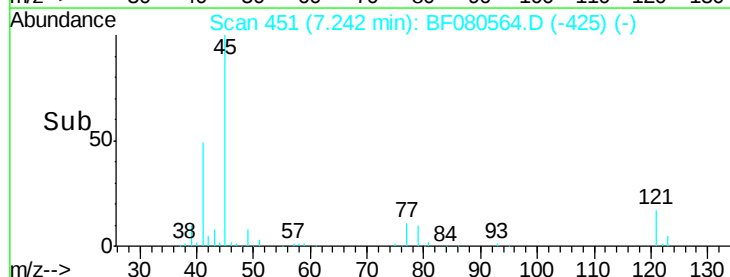
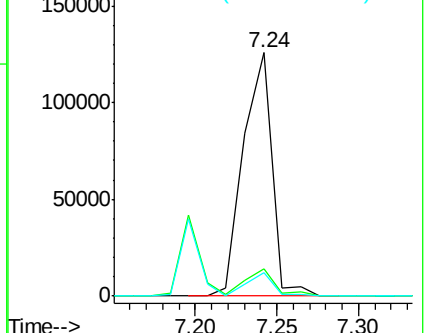
79 9.6 0.0 28.6

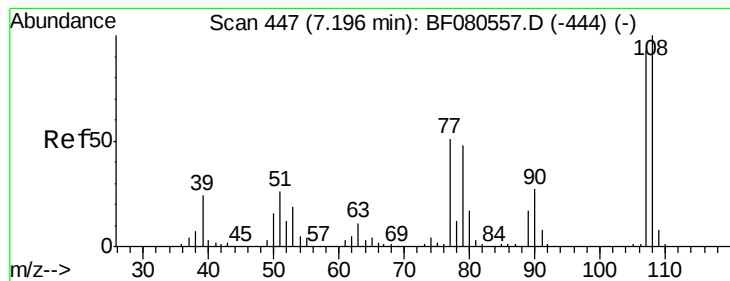


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.17 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

Tgt Ion:107 Resp: 63448

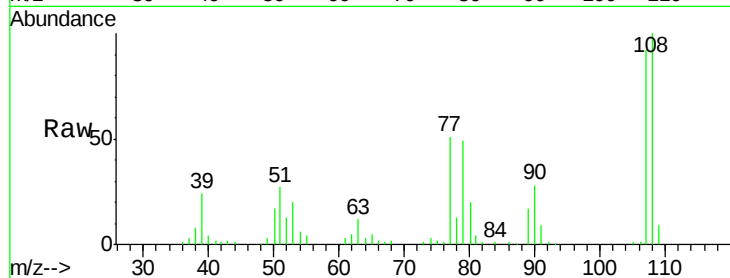
Ion Ratio Lower Upper

107 100

108 108.2 86.0 129.0

77 55.3 43.4 65.2

79 53.5 41.2 61.8

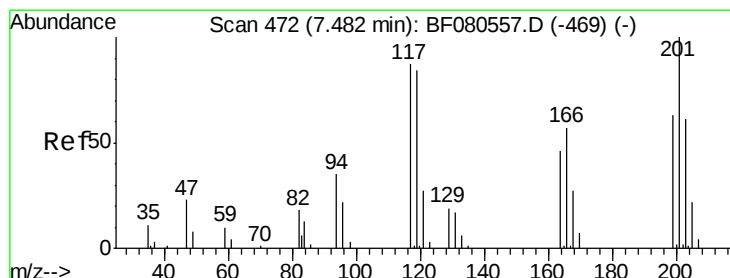
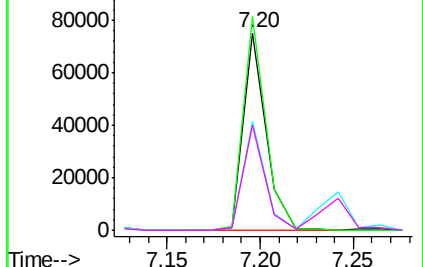
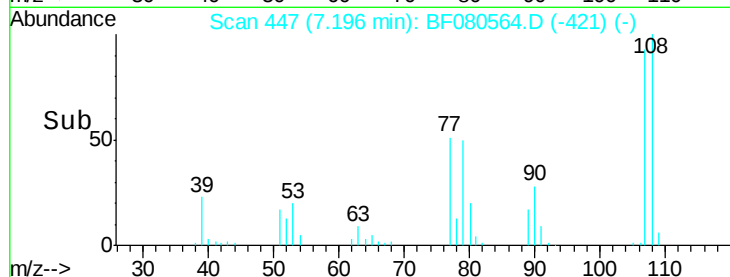


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.07 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

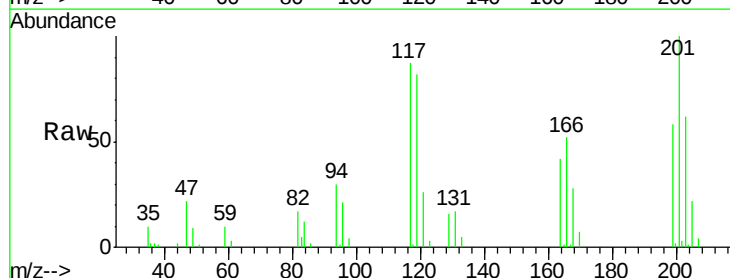
Tgt Ion:117 Resp: 33845

Ion Ratio Lower Upper

117 100

119 94.7 76.5 114.7

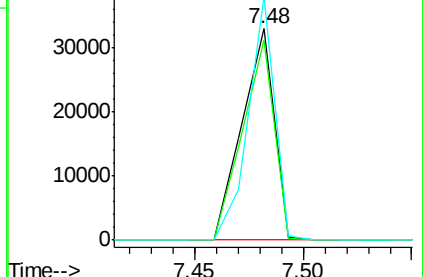
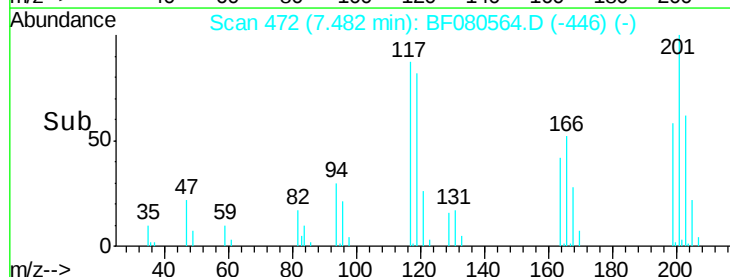
201 115.1 91.6 137.4

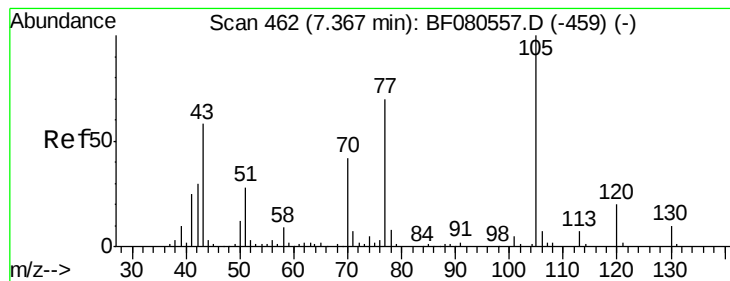


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.69 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

Tgt Ion: 70 Resp: 55511

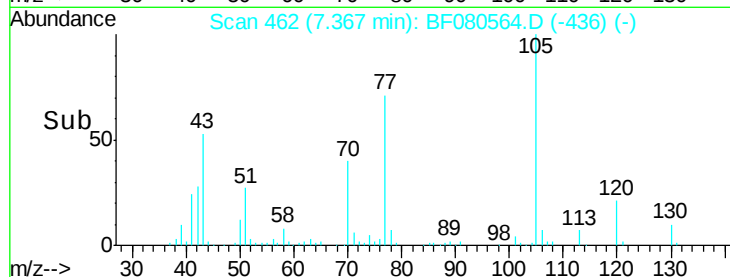
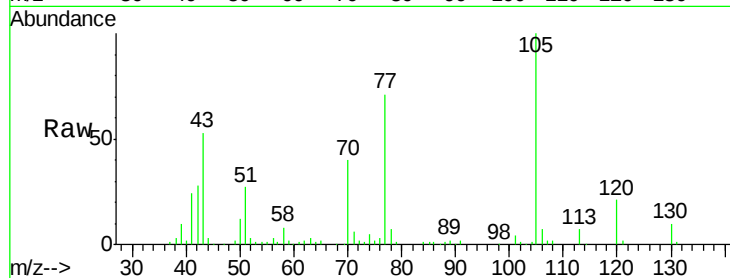
Ion Ratio Lower Upper

70 100

42 70.1 56.6 85.0

101 9.9 9.7 14.5

130 23.9 19.1 28.7

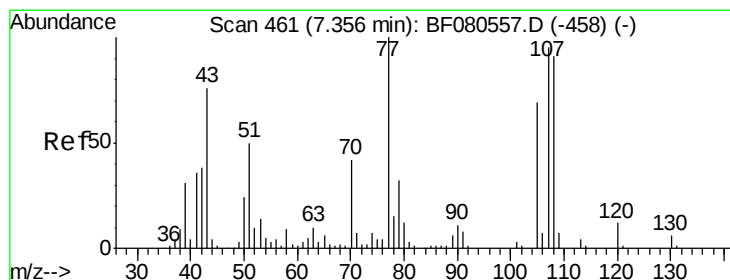
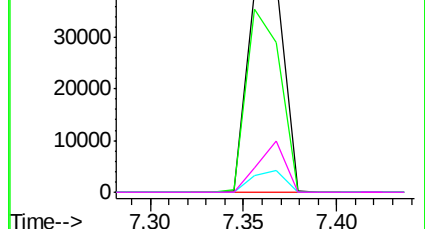


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.91 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Tgt Ion: 107 Resp: 83489

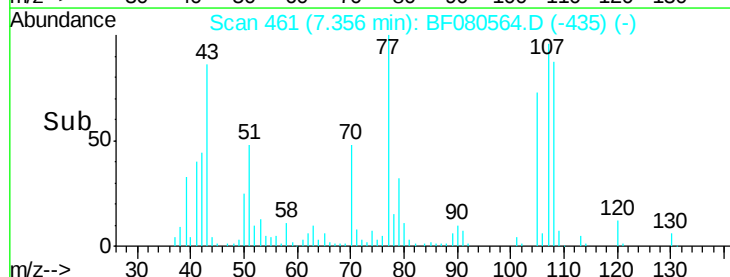
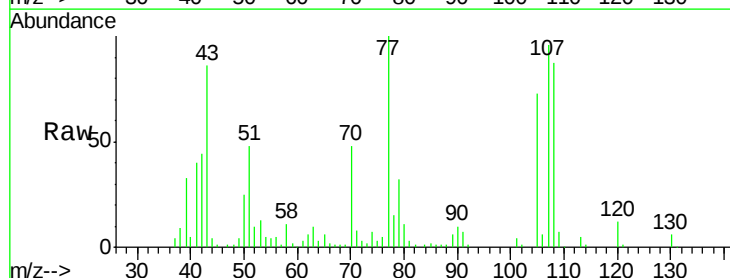
Ion Ratio Lower Upper

107 100

108 90.5 75.6 115.6

77 104.0 84.7 124.7

79 33.7 13.8 53.8

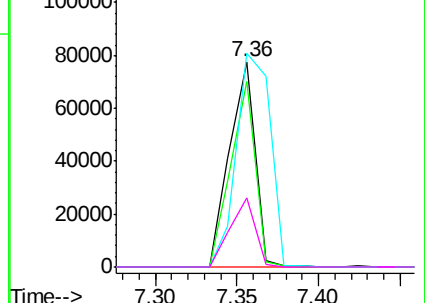


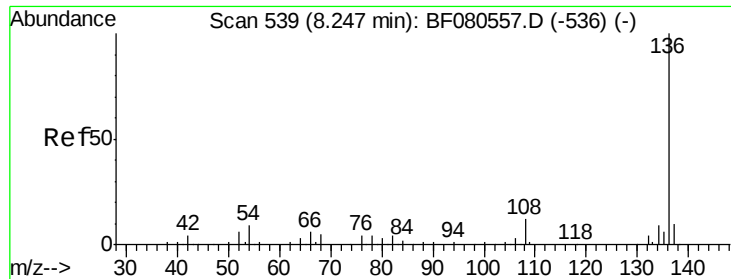
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

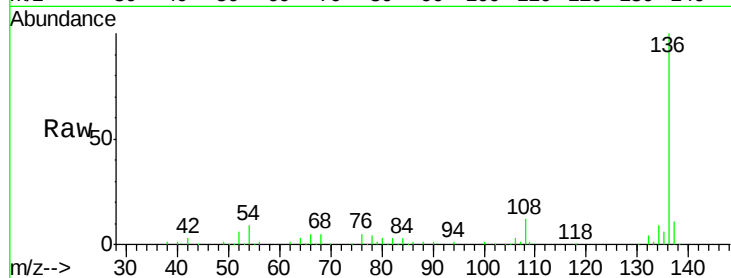




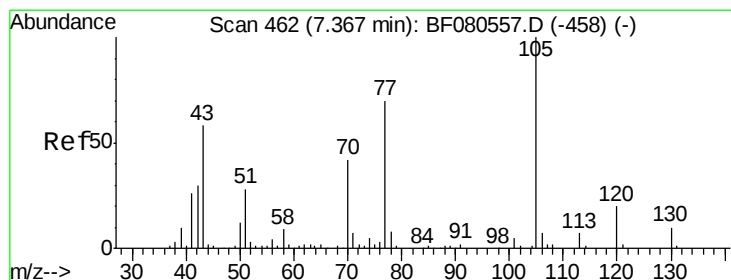
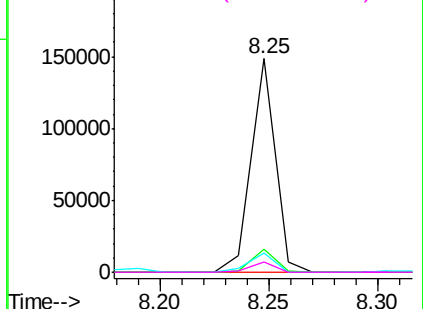
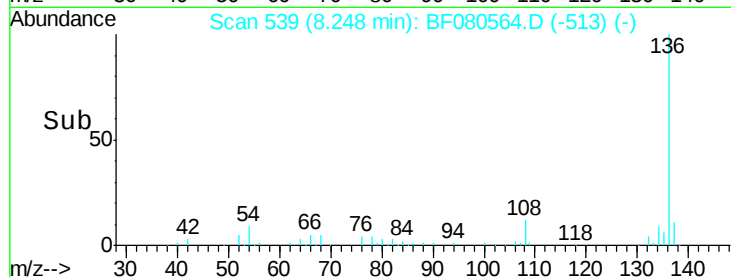
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

Tgt Ion:	136	Resp:	114489
Ion	Ratio	Lower	Upper
136	100		
137	10.7	7.8	11.8
54	9.0	7.2	10.8
68	5.1	3.8	5.6

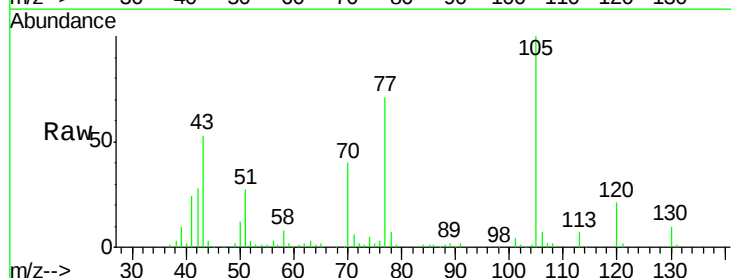


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

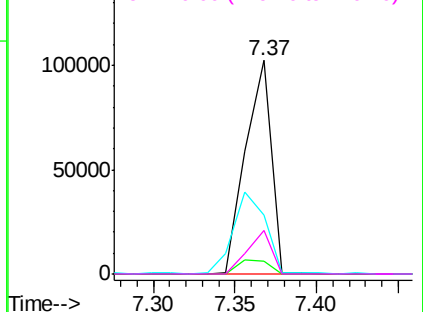
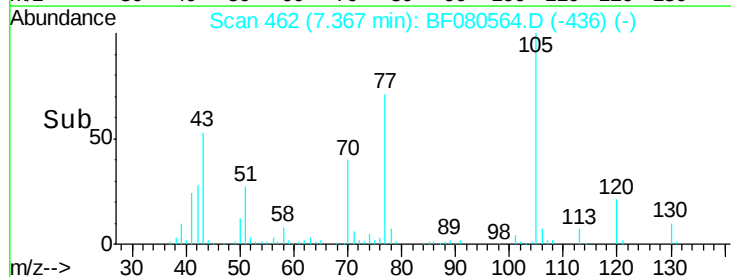


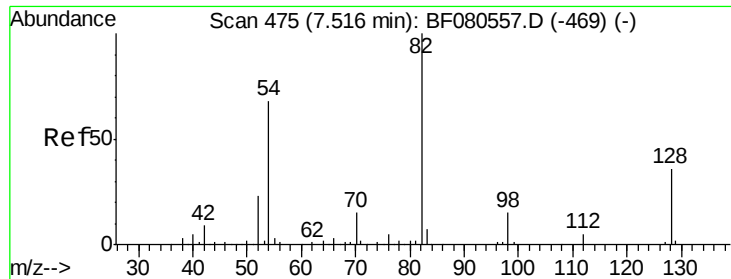
#22
Acetophenone
Concen: 40.87 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:	105	Resp:	111705
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.5	8.3
51	27.3	23.0	34.4
120	20.6	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

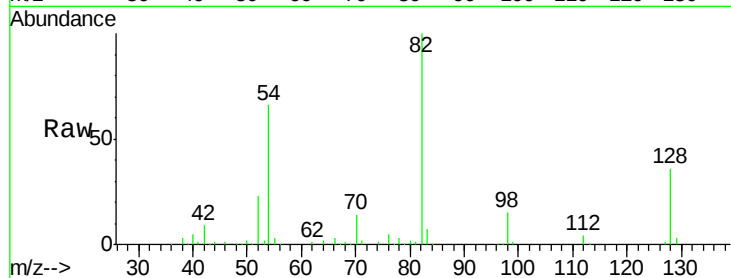




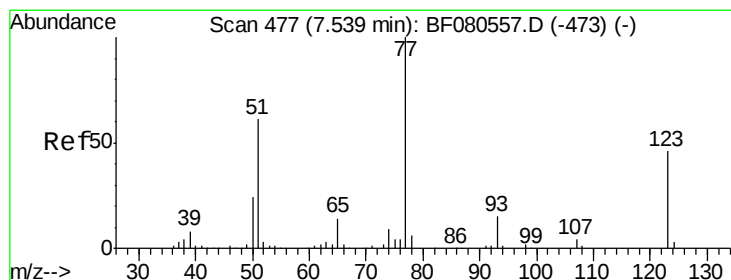
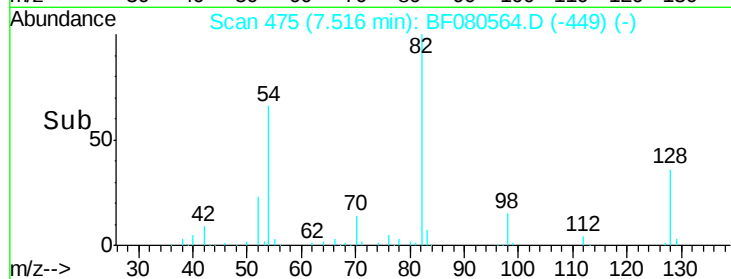
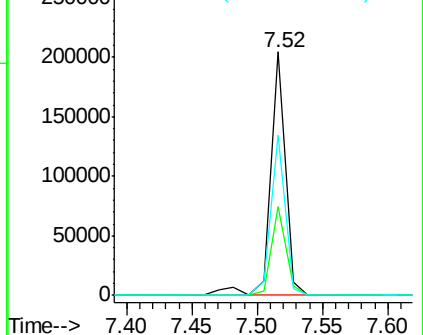
#23
 Nitrobenzene-d5
 Concen: 92.47 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.9	43.3
54	66.1	54.5	81.7

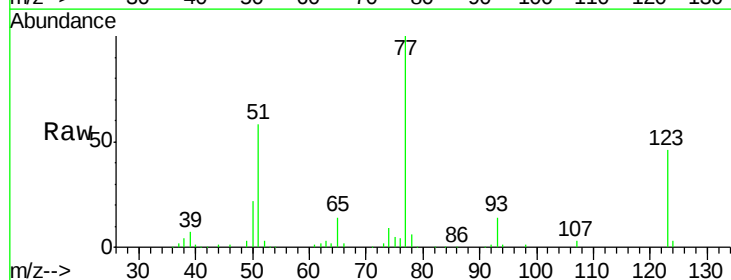


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

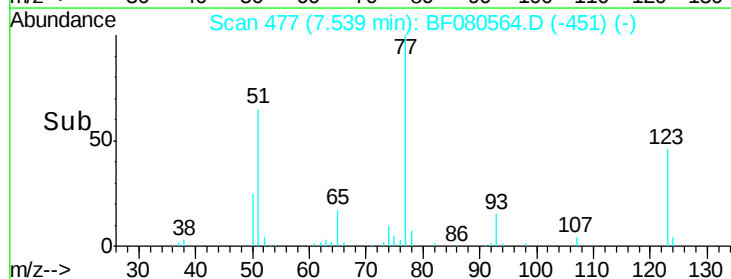
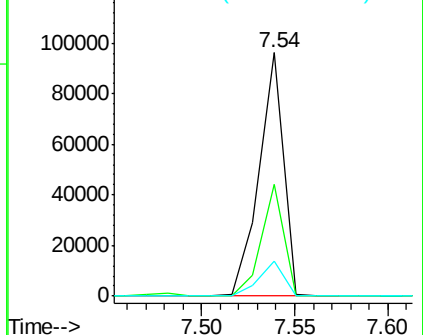


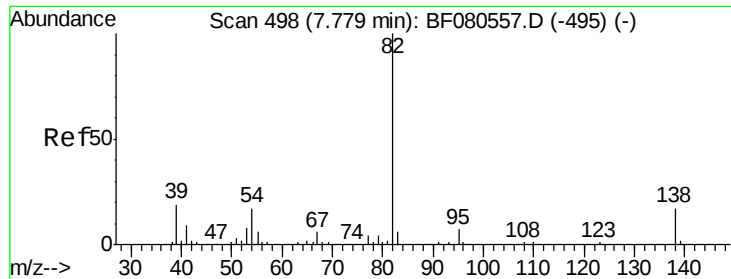
#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.1	55.7
65	14.4	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.24 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

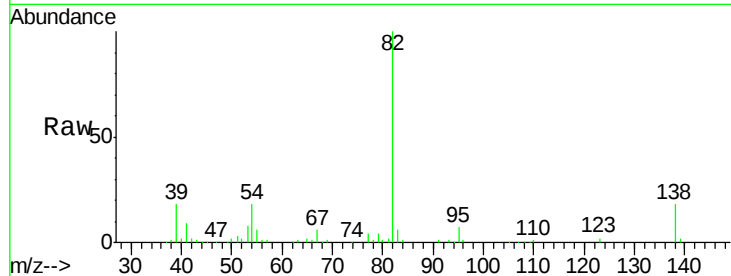
Tgt Ion: 82 Resp: 151061

Ion Ratio Lower Upper

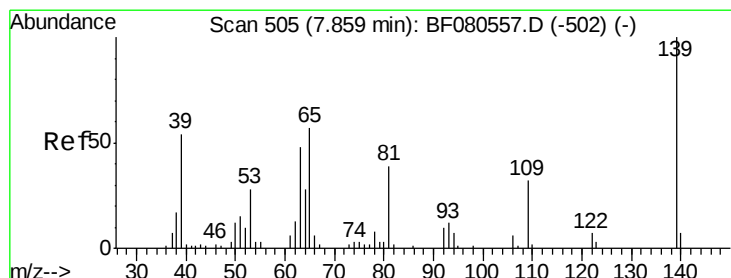
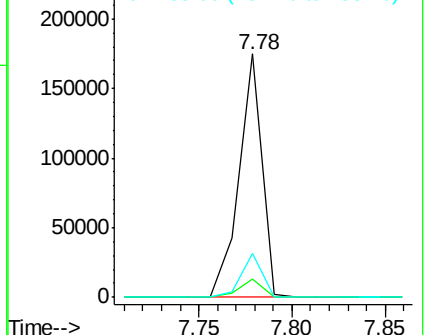
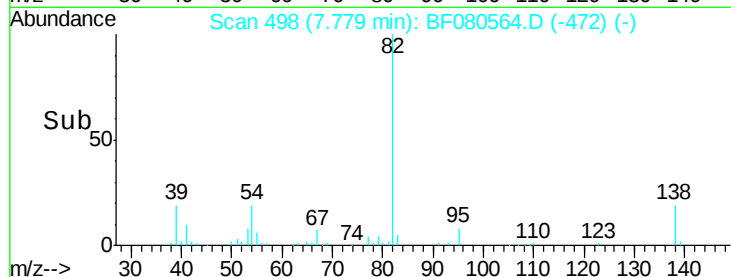
82 100

95 7.4 5.9 8.9

138 18.0 13.4 20.2



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



#26

2-Nitrophenol

Concen: 44.91 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

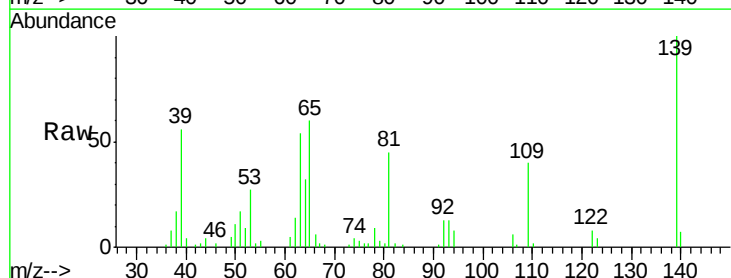
Tgt Ion: 139 Resp: 23073

Ion Ratio Lower Upper

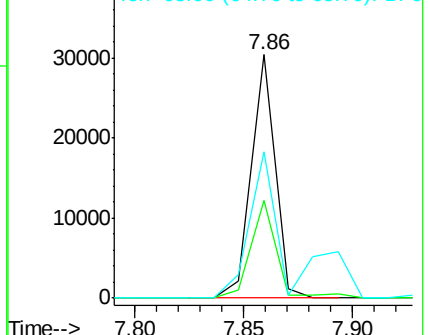
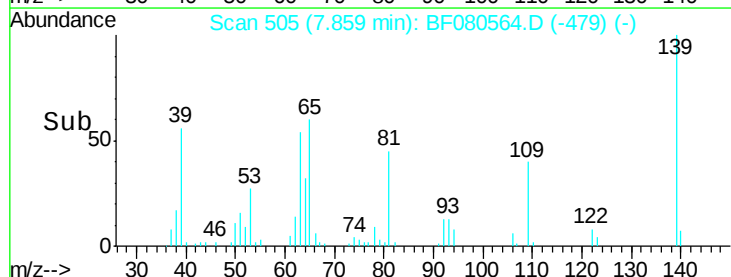
139 100

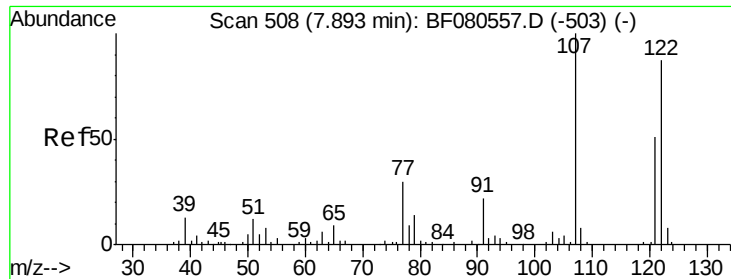
109 39.9 26.0 39.0#

65 59.9 45.4 68.0



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

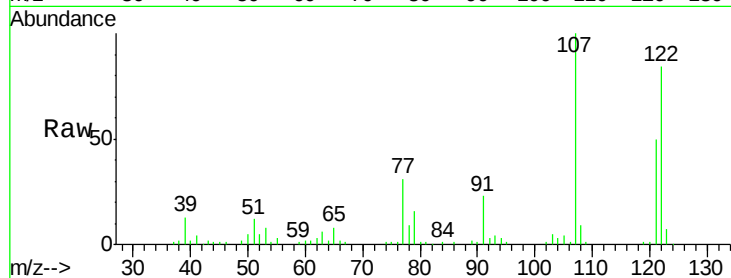




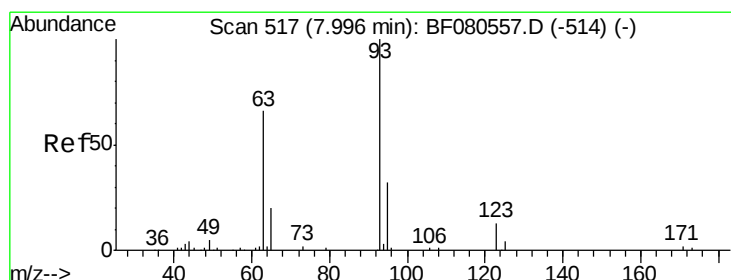
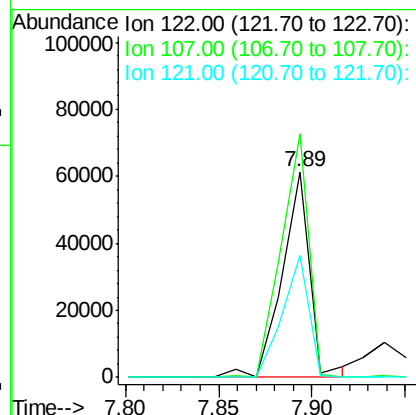
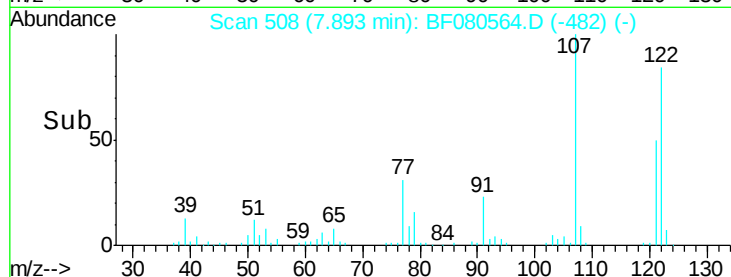
#27
 2,4-Dimethylphenol
 Concen: 39.55 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion: 122 Resp: 62864
 Ion Ratio Lower Upper
 122 100
 107 118.7 92.3 138.5
 121 59.8 47.1 70.7

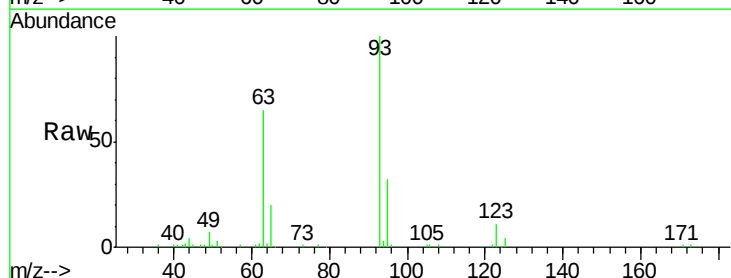


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

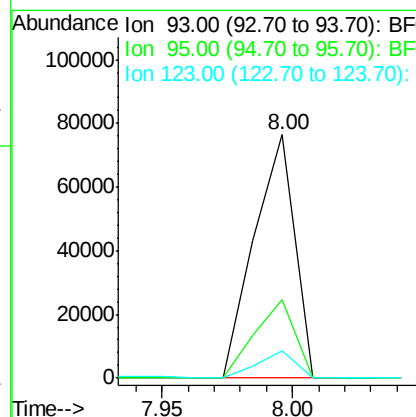
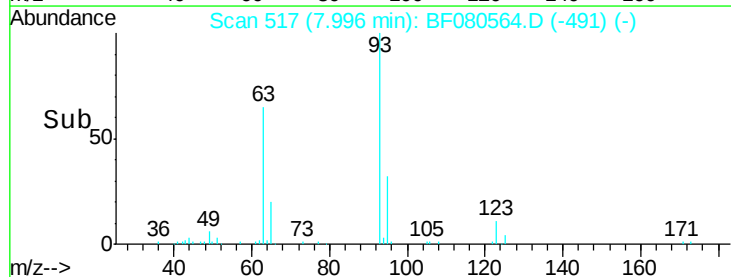


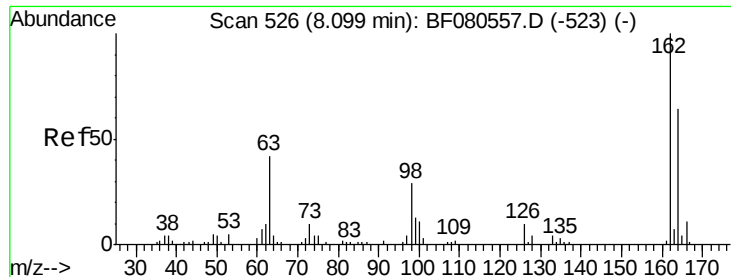
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.72 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion: 93 Resp: 81989
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.9 38.9
 123 11.4 10.3 15.5



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

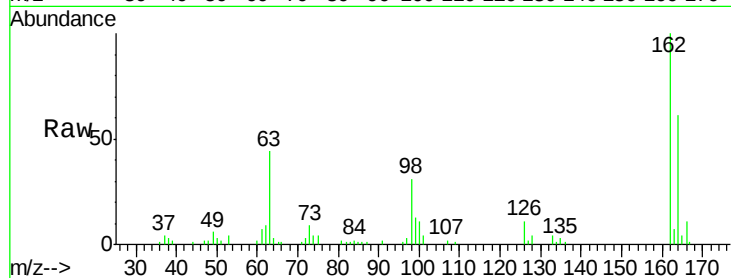




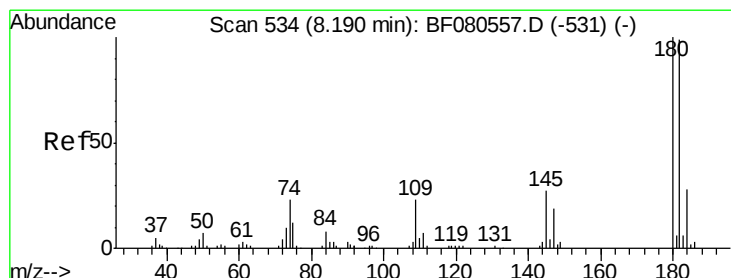
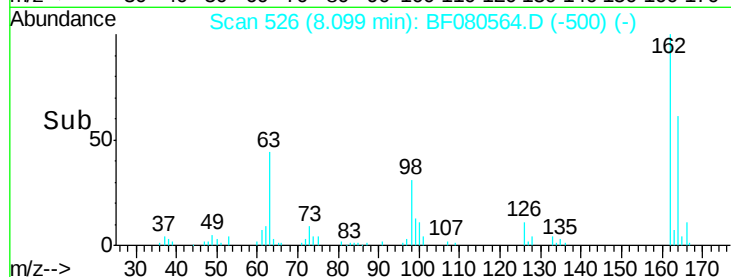
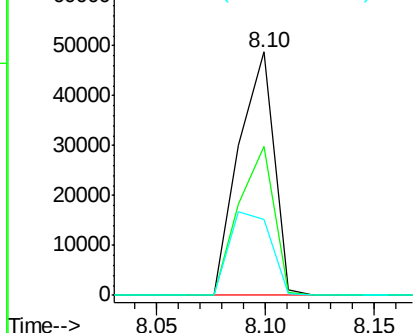
#29
 2,4-Dichlorophenol
 Concen: 43.06 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:162 Resp: 54697
 Ion Ratio Lower Upper
 162 100
 164 61.2 44.1 84.1
 98 31.0 8.9 48.9

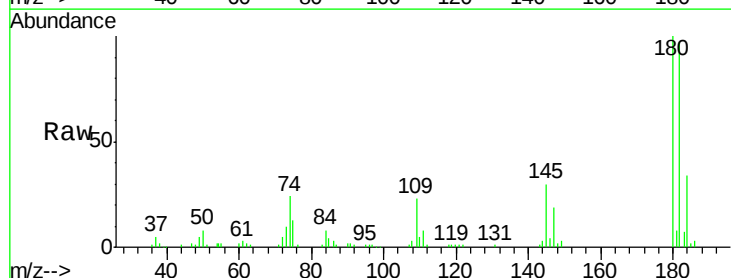


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

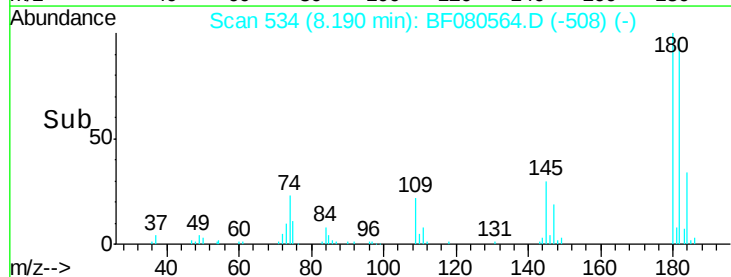
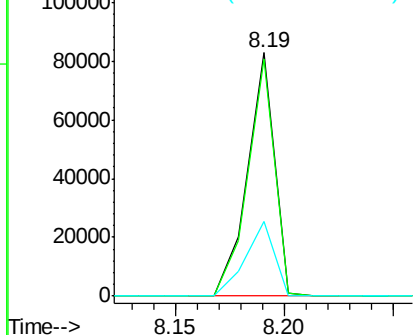


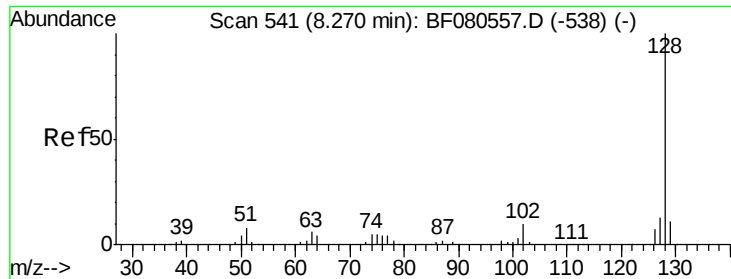
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:180 Resp: 71359
 Ion Ratio Lower Upper
 180 100
 182 97.4 79.0 118.4
 145 30.4 22.0 33.0



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

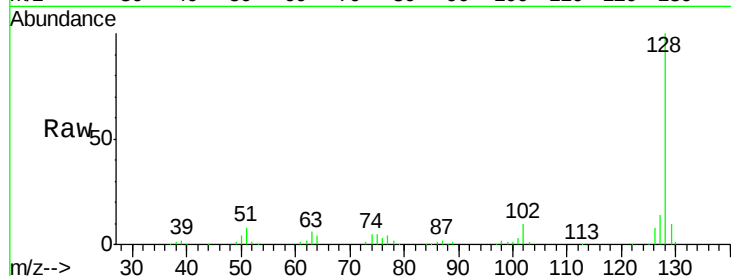




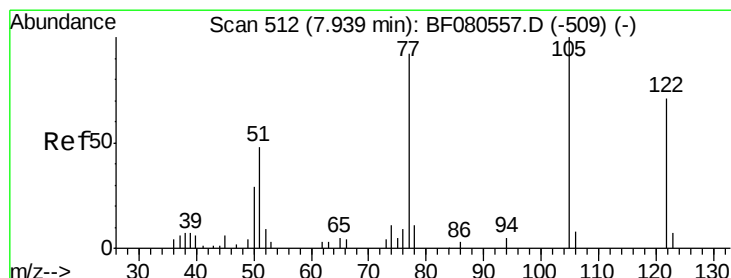
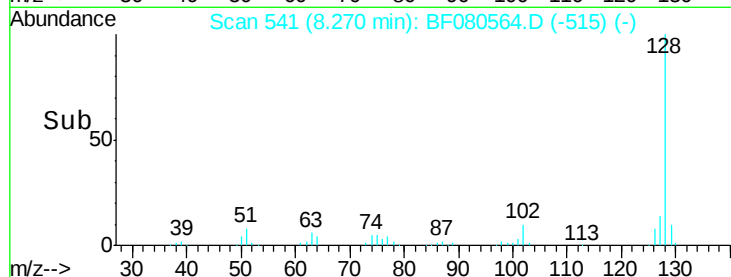
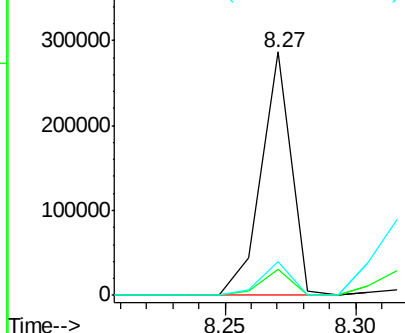
#31
Naphthalene
Concen: 40.52 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

Tgt Ion:128 Resp: 230347
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.7 10.7 16.1

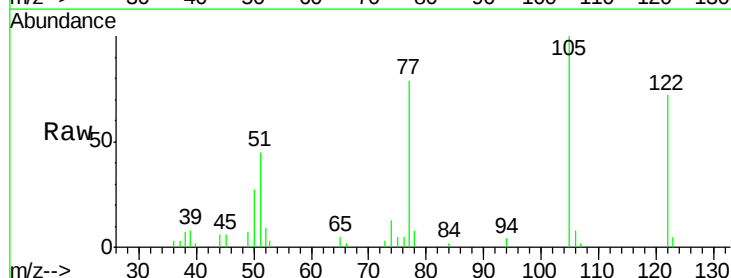


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

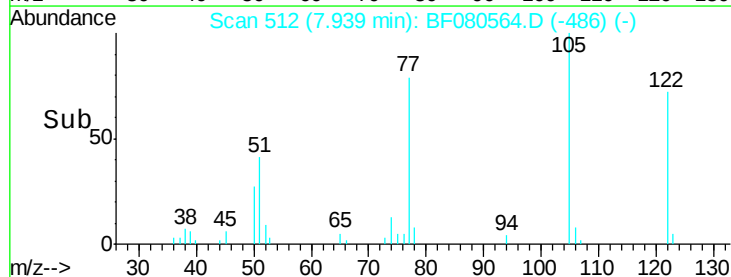
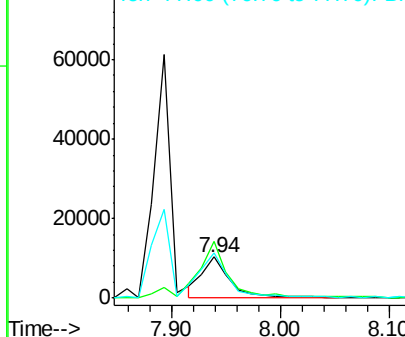


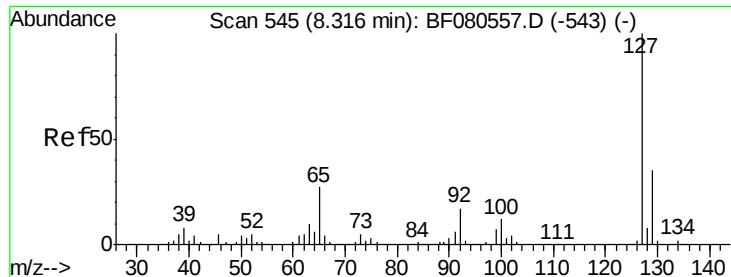
#32
Benzoic acid
Concen: 42.06 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:122 Resp: 19155
Ion Ratio Lower Upper
122 100
105 138.2 112.5 152.5
77 109.6 102.5 142.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

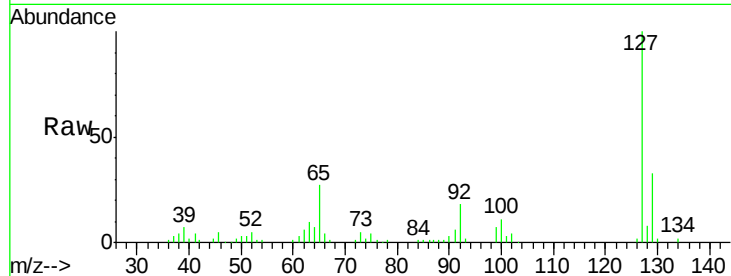




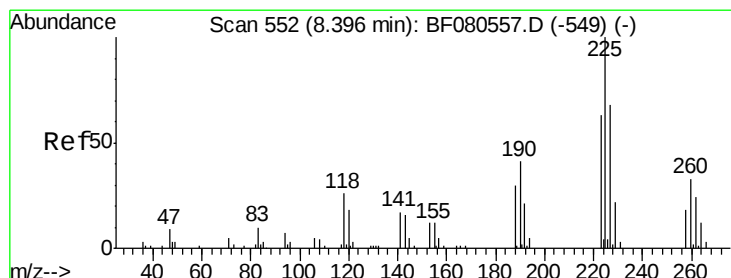
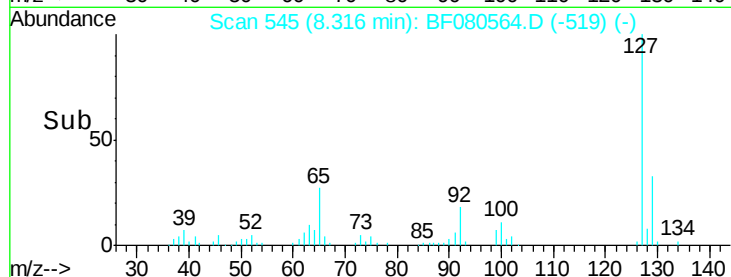
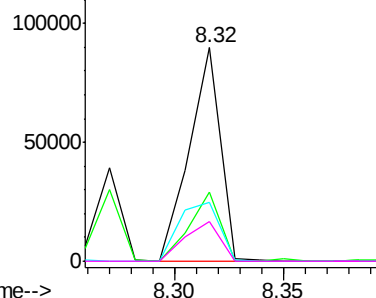
#33
4-Chloroaniline
Concen: 40.59 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

Tgt Ion:	127	Resp:	88826
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.8	41.6
65	27.4	21.2	31.8
92	18.4	13.9	20.9

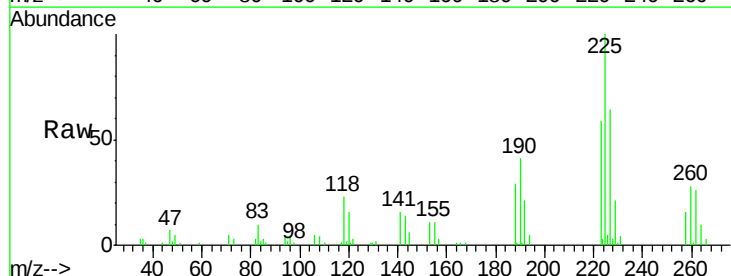


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

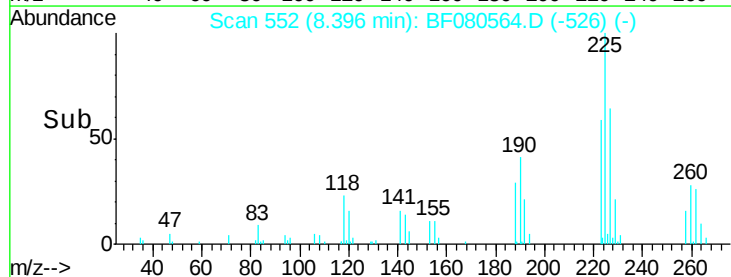
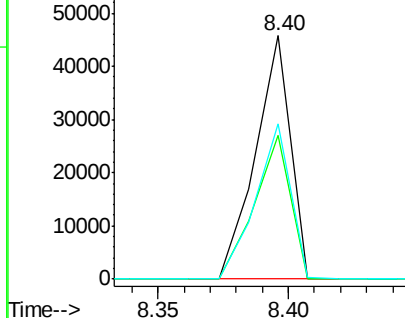


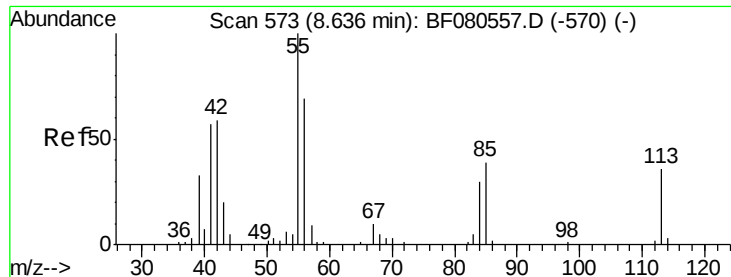
#34
Hexachlorobutadiene
Concen: 41.49 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:	225	Resp:	43035
Ion	Ratio	Lower	Upper
225	100		
223	59.1	50.3	75.5
227	63.8	54.5	81.7



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

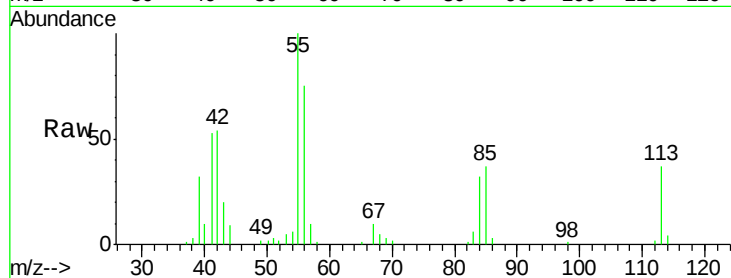




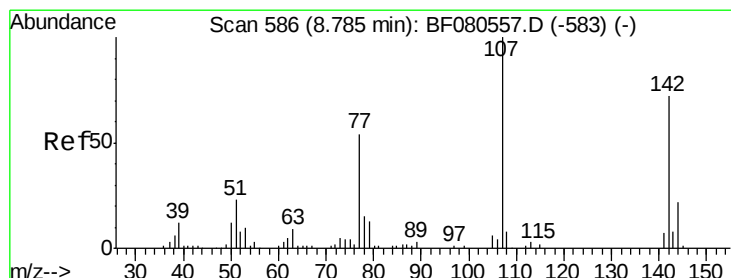
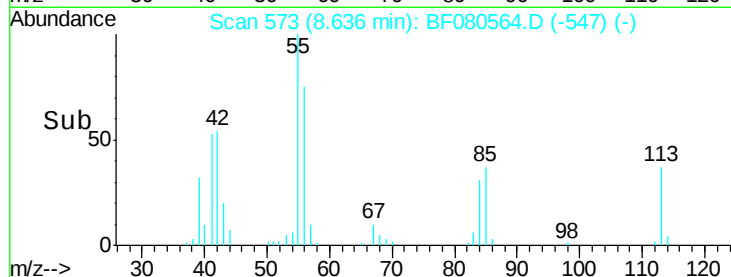
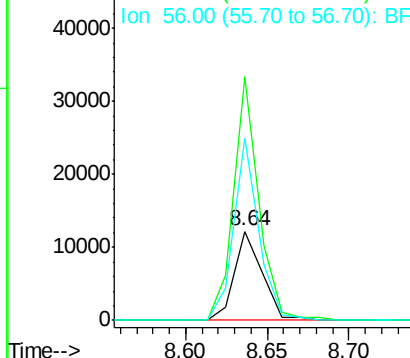
#35
 Caprolactam
 Concen: 39.91 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:113 Resp: 14300
 Ion Ratio Lower Upper
 113 100
 55 272.6 259.3 299.3
 56 203.9 171.6 211.6

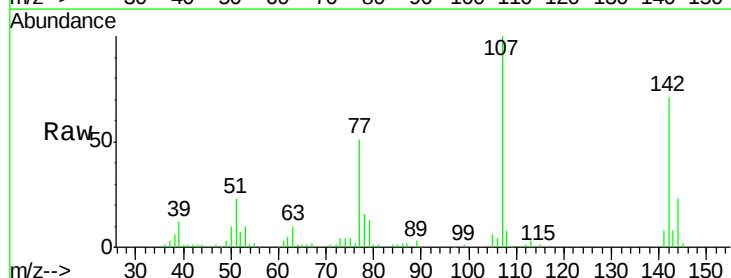


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

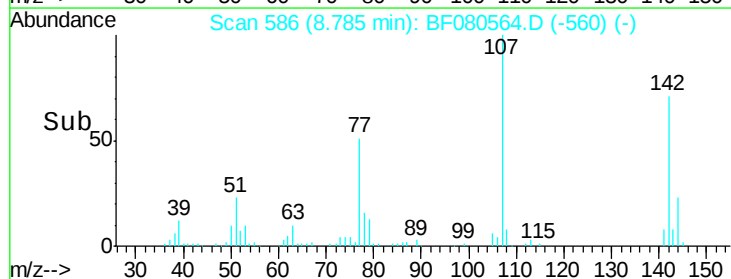
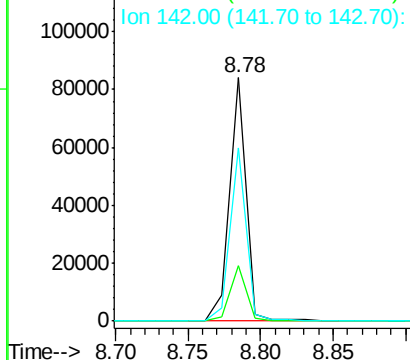


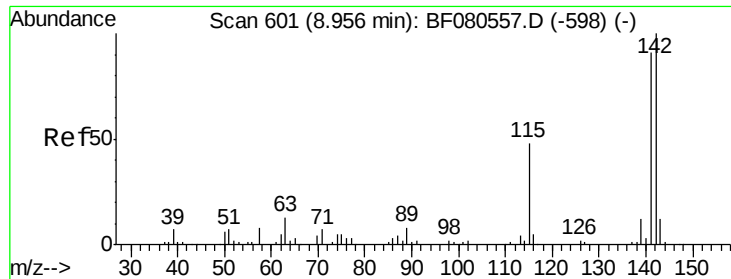
#36
 4-Chloro-3-methylphenol
 Concen: 42.28 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:107 Resp: 66424
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.7 26.5
 142 71.3 57.7 86.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

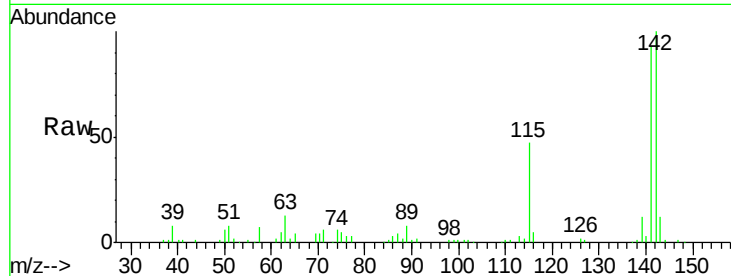




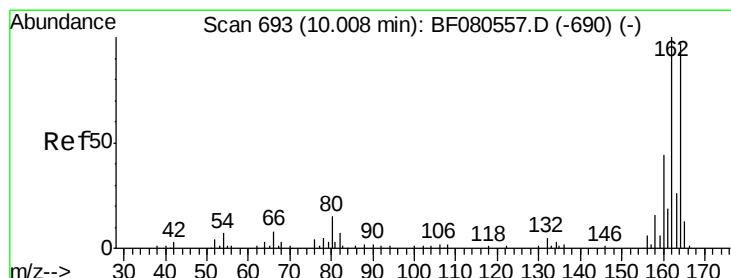
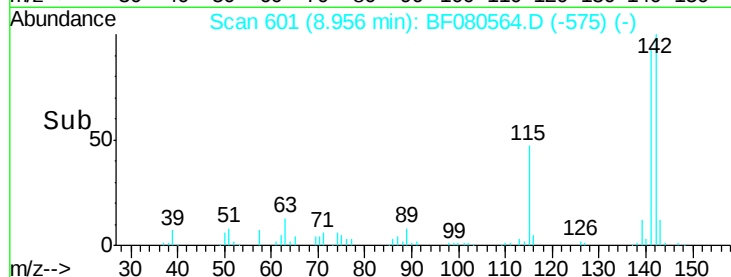
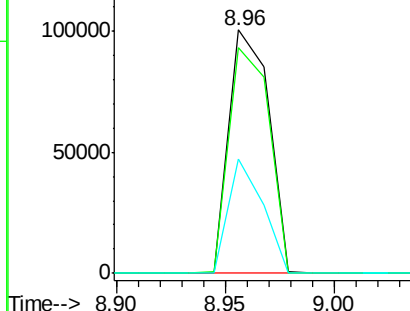
#37
 2-Methylnaphthalene
 Concen: 40.07 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:142 Resp: 127564
 Ion Ratio Lower Upper
 142 100
 141 92.7 72.6 109.0
 115 47.1 38.2 57.2

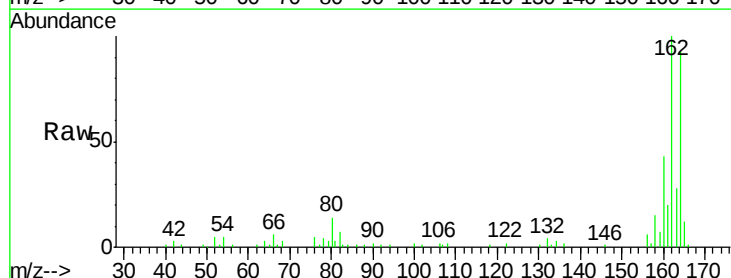


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

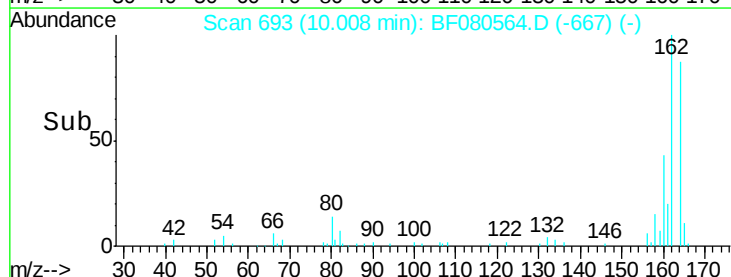
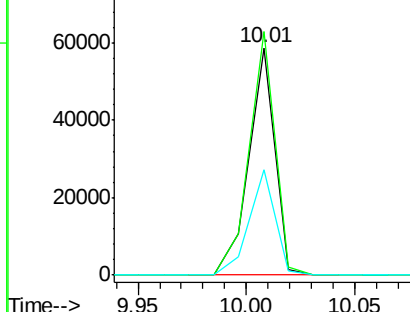


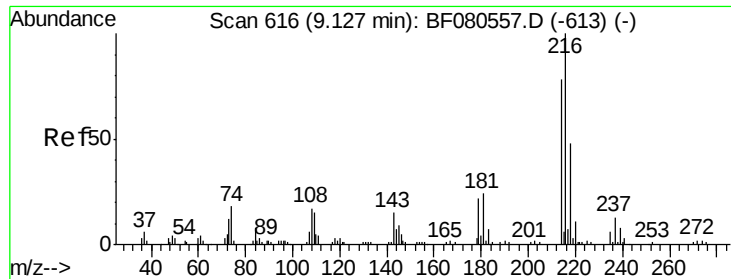
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:164 Resp: 48752
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.2 123.4
 160 46.1 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

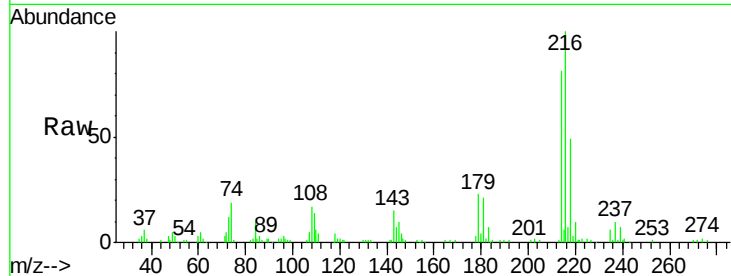




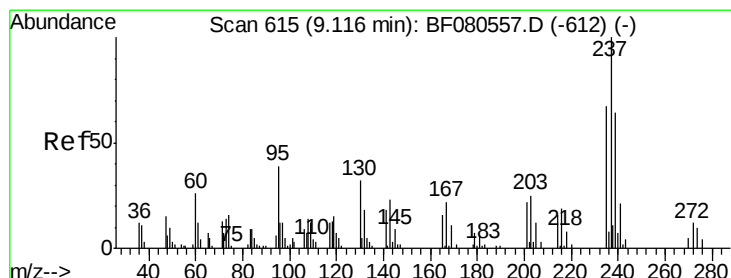
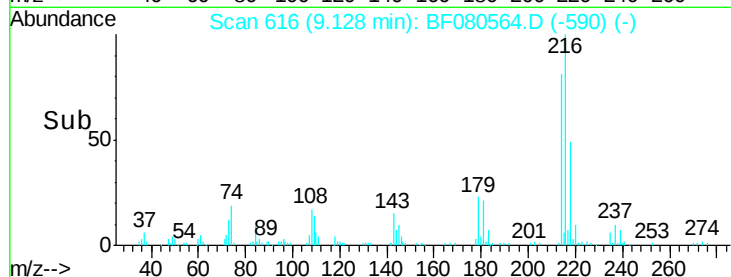
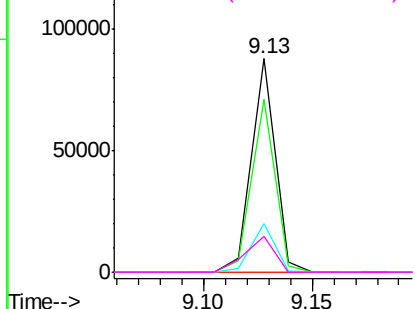
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.24 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:	216	Resp:	67264
Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.6	93.8
179	23.1	18.0	27.0
108	20.9	15.9	23.9

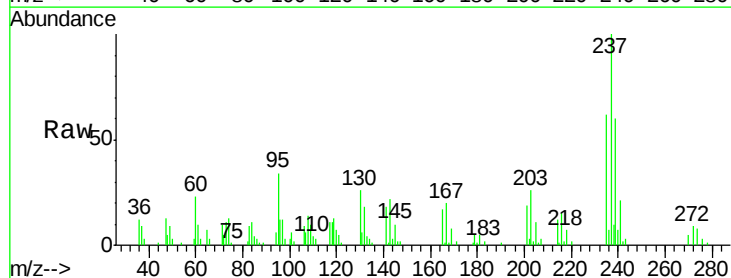


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

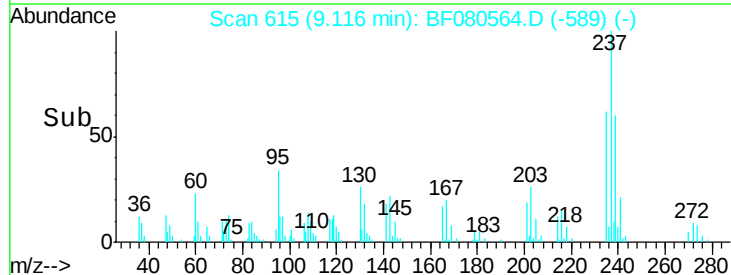
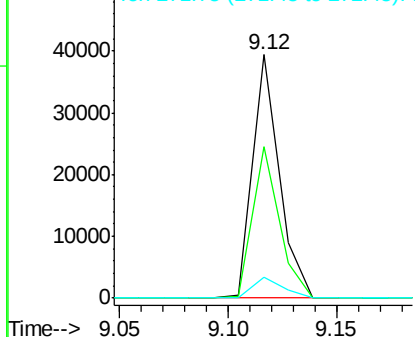


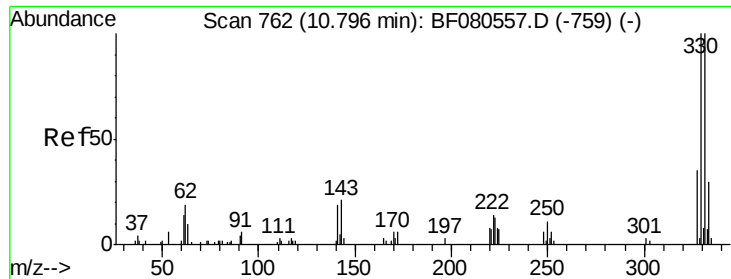
#40
 Hexachlorocyclopentadiene
 Concen: 46.45 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:	237	Resp:	33450
Ion	Ratio	Lower	Upper
237	100		
235	62.1	47.3	87.3
272	8.6	0.0	31.5



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: 79.55 ng

RT: 10.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

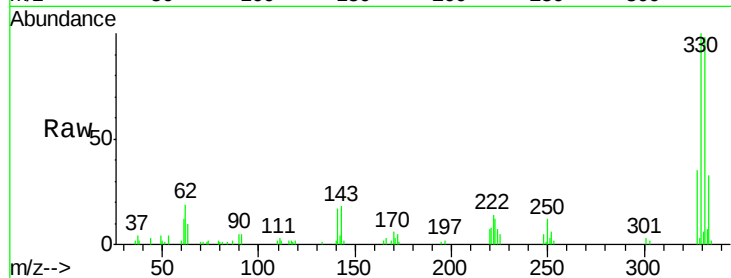
Tgt Ion:330 Resp: 27905

Ion Ratio Lower Upper

330 100

332 95.4 78.3 117.5

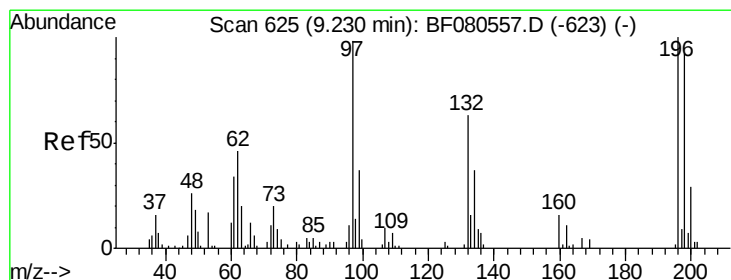
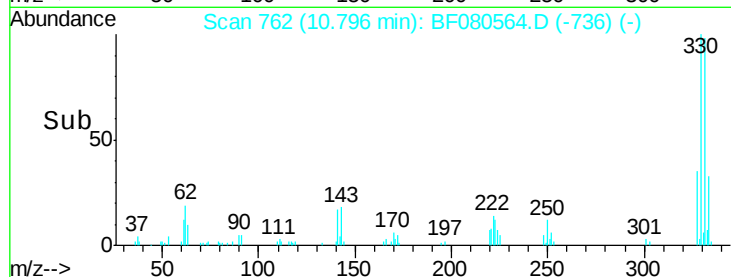
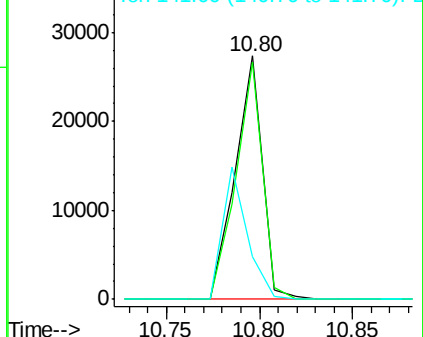
141 49.2 37.9 56.9



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: 42.43 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

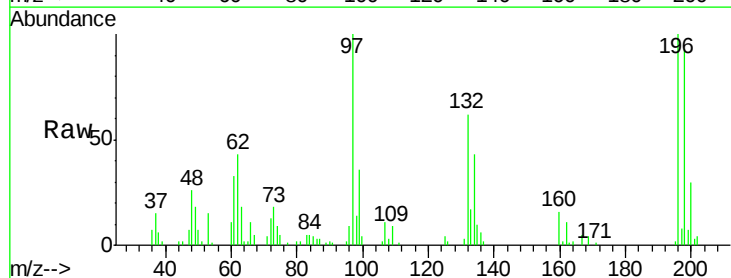
Tgt Ion:196 Resp: 35124

Ion Ratio Lower Upper

196 100

198 93.4 73.9 110.9

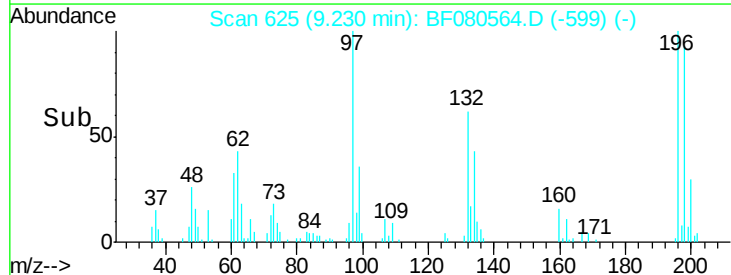
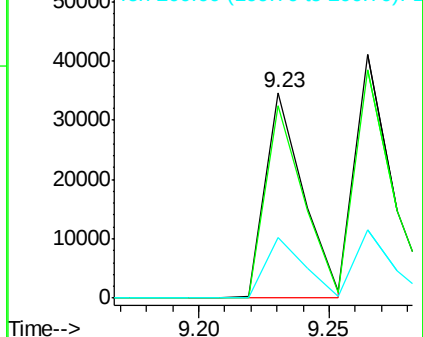
200 29.6 23.4 35.0

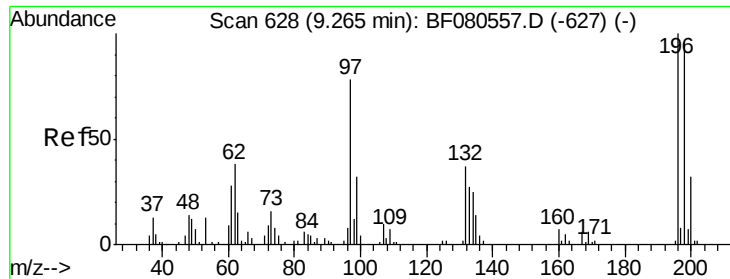


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

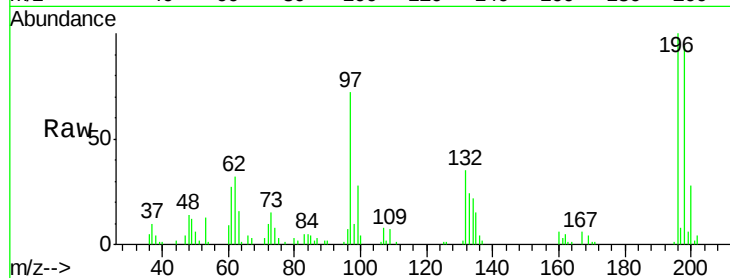




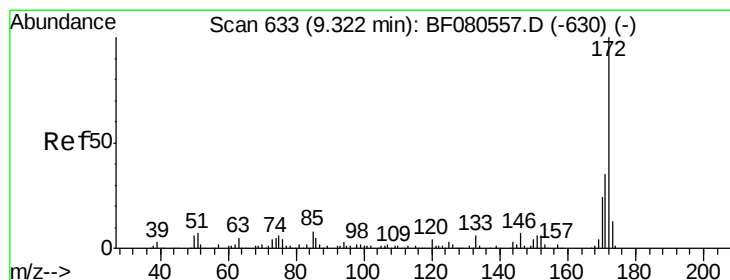
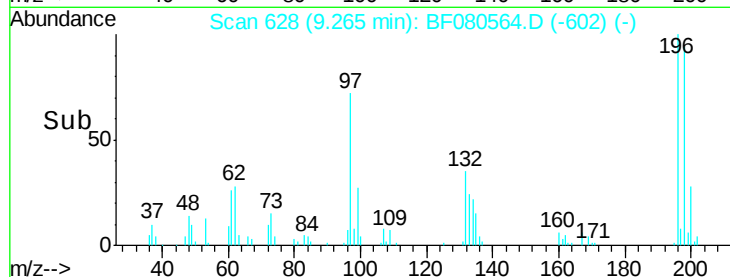
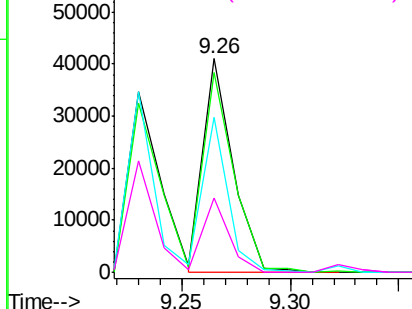
#43
 2,4,5-Trichlorophenol
 Concen: 45.33 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:196 Resp: 39215
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.9 115.3
 97 72.5 63.0 94.4
 132 34.5 30.1 45.1

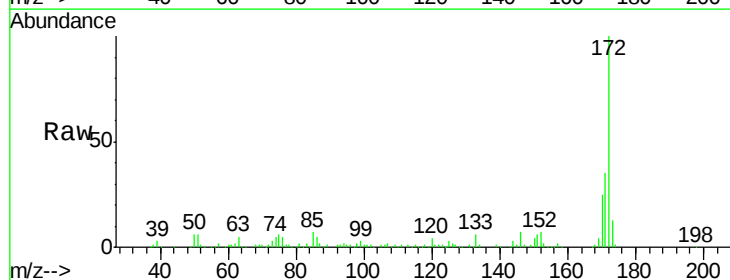


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

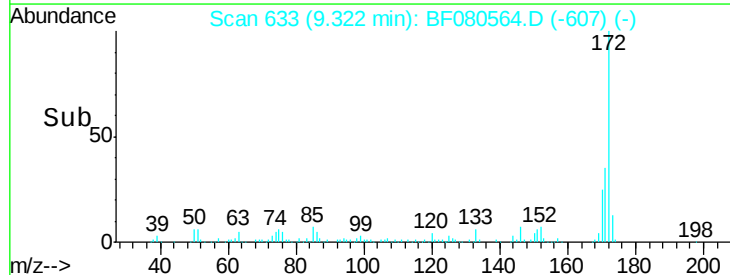
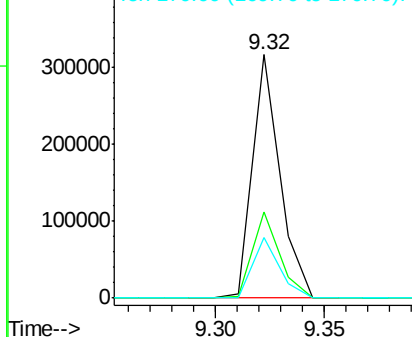


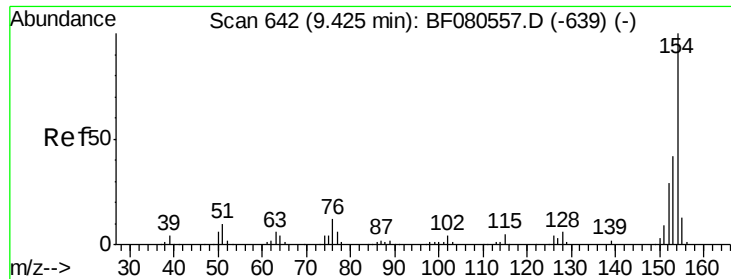
#44
 2-Fluorobiphenyl
 Concen: 81.63 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:172 Resp: 276739
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.7 41.5
 170 24.7 19.1 28.7



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

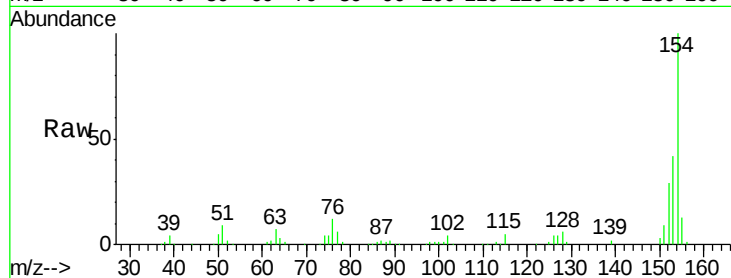




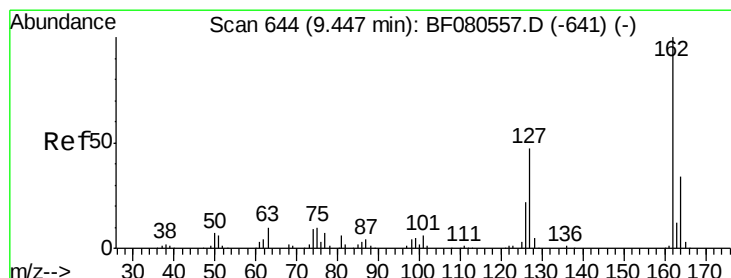
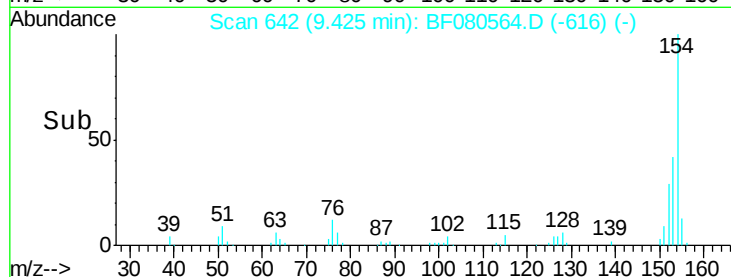
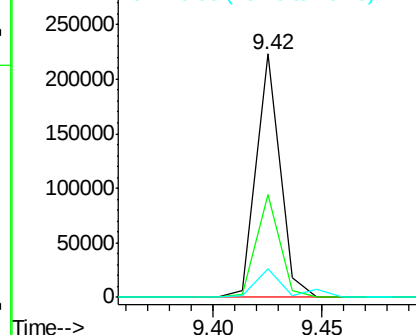
#45
 1,1'-Biphenyl
 Concen: 41.64 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:154 Resp: 170160
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.8 61.8
 76 11.9 0.0 32.1

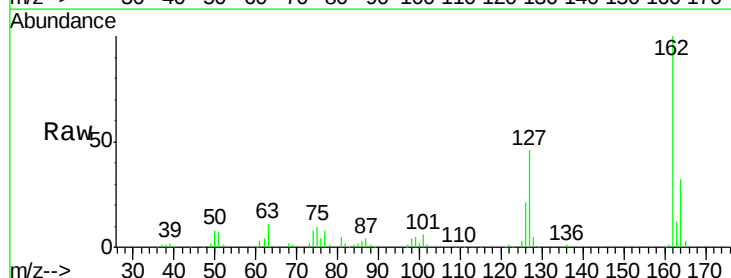


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

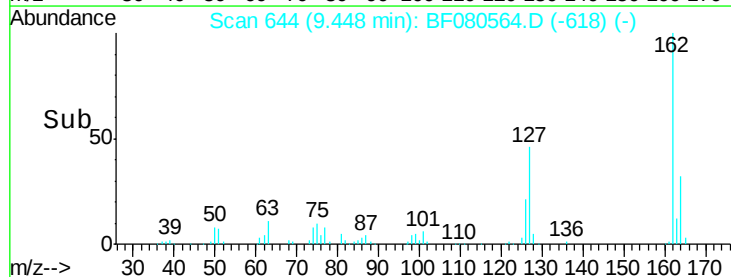
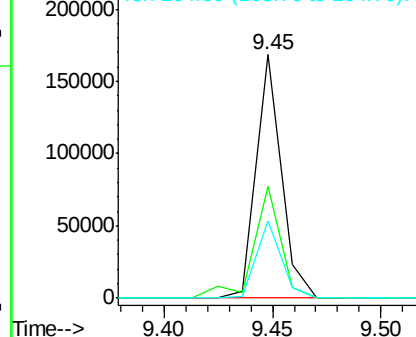


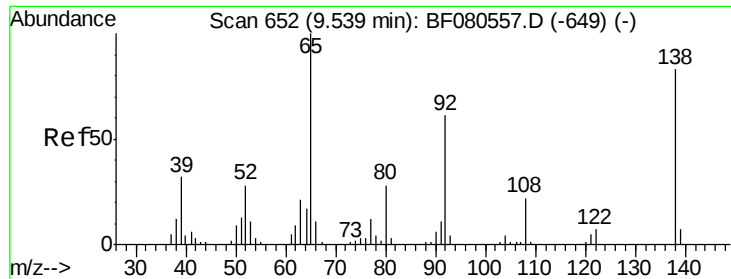
#46
 2-Chloronaphthalene
 Concen: 41.62 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:162 Resp: 134343
 Ion Ratio Lower Upper
 162 100
 127 45.7 37.6 56.4
 164 31.9 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

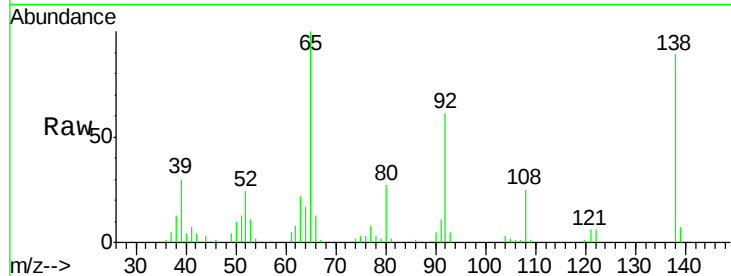




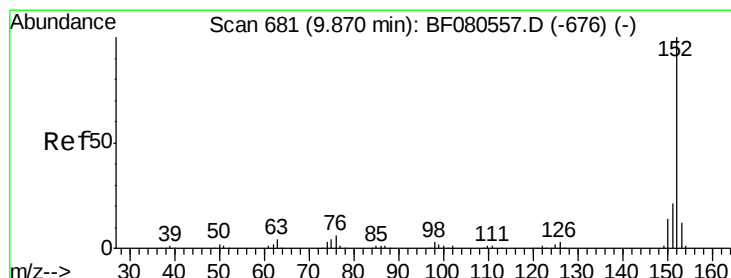
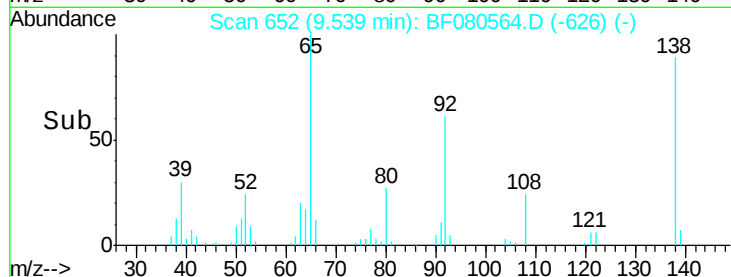
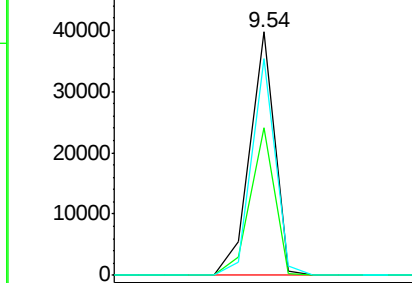
#47
 2-Nitroaniline
 Concen: 43.07 ng
 RT: 9.54 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion: 65 Resp: 31380
 Ion Ratio Lower Upper
 65 100
 92 60.8 48.7 73.1
 138 89.1 66.8 100.2

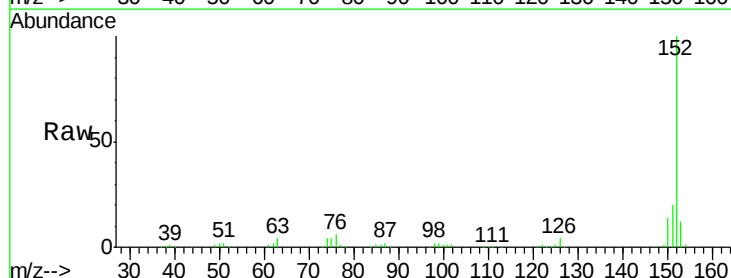


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

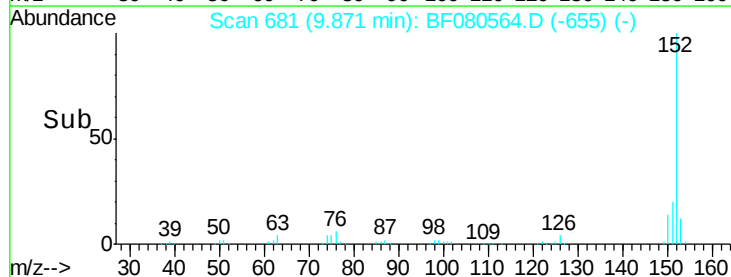
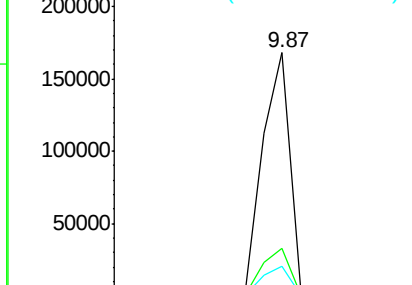


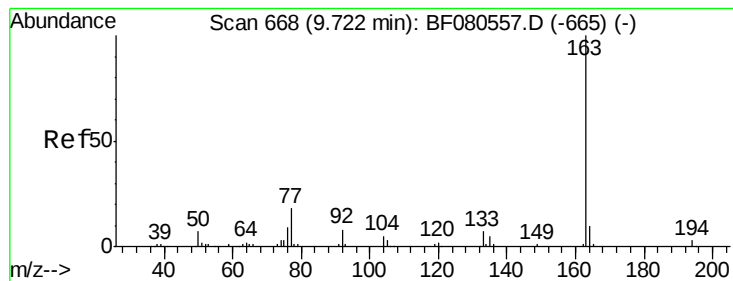
#48
 Acenaphthylene
 Concen: 40.96 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion: 152 Resp: 194030
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.4 24.6
 153 12.4 9.7 14.5



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: 41.74 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

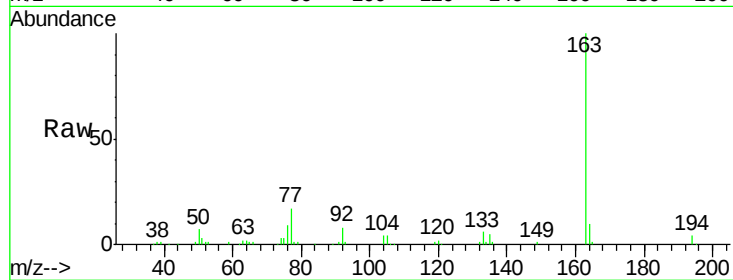
Tgt Ion:163 Resp: 142900

Ion Ratio Lower Upper

163 100

194 3.7 2.5 3.7

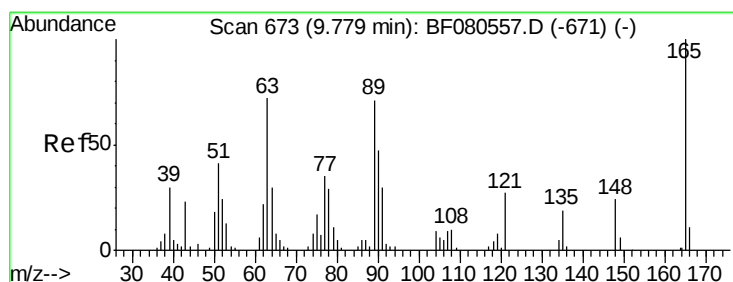
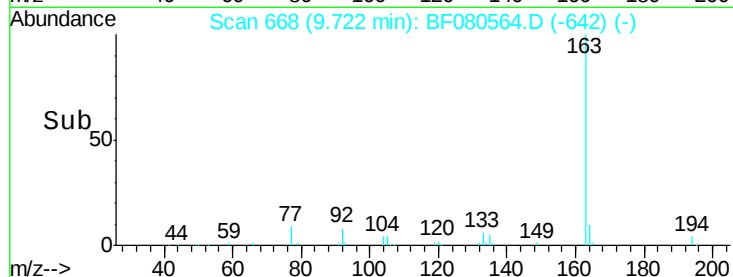
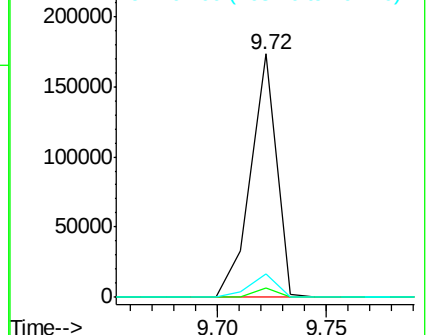
164 9.8 8.1 12.1



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: 42.82 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

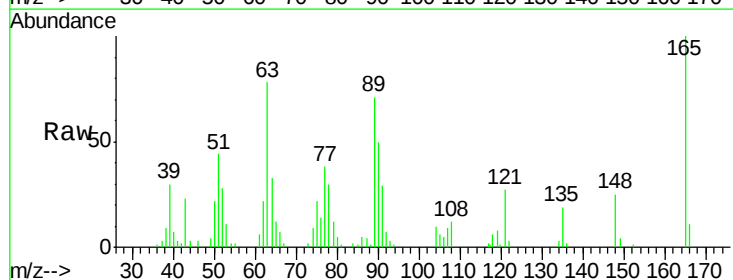
Tgt Ion:165 Resp: 24314

Ion Ratio Lower Upper

165 100

63 78.0 59.0 88.6

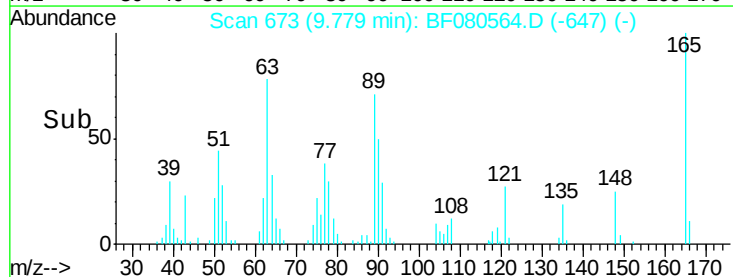
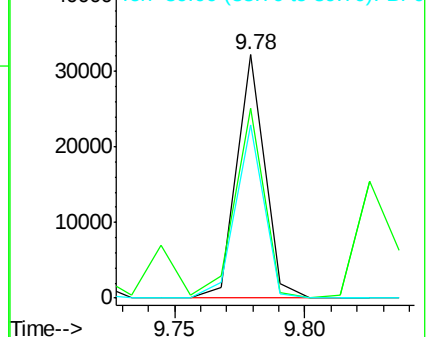
89 71.1 56.9 85.3

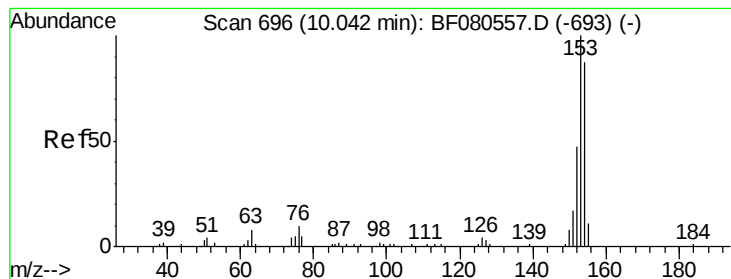


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.46 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

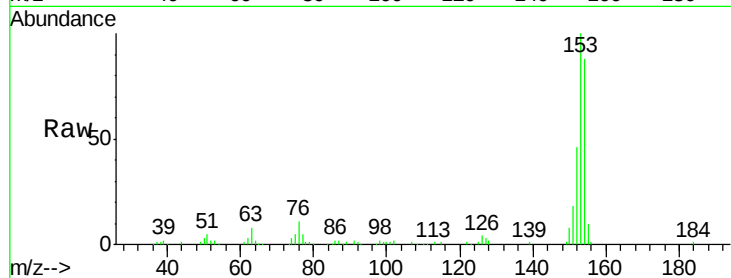
Tgt Ion:154 Resp: 118179

Ion Ratio Lower Upper

154 100

153 113.5 92.2 138.2

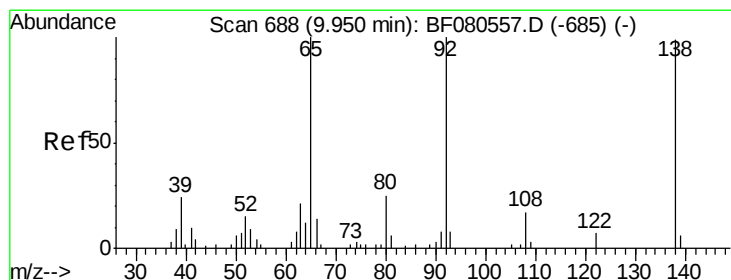
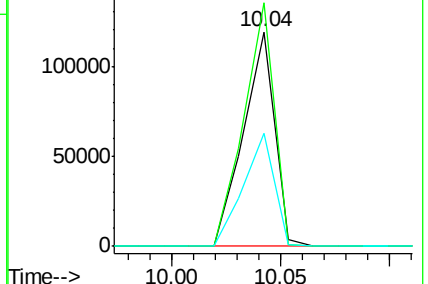
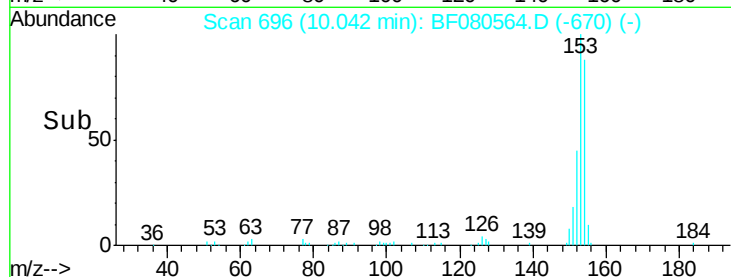
152 52.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.30 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

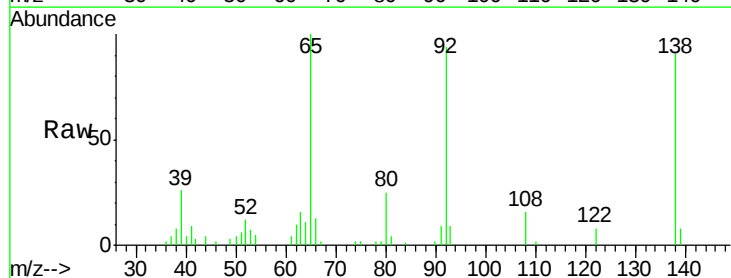
Tgt Ion:138 Resp: 23180

Ion Ratio Lower Upper

138 100

108 17.9 13.7 20.5

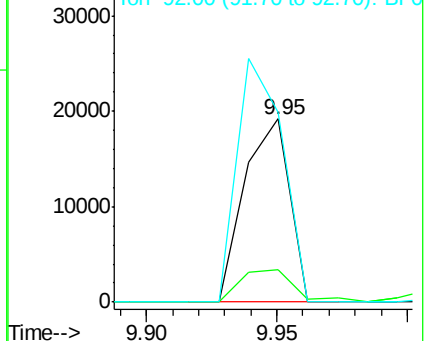
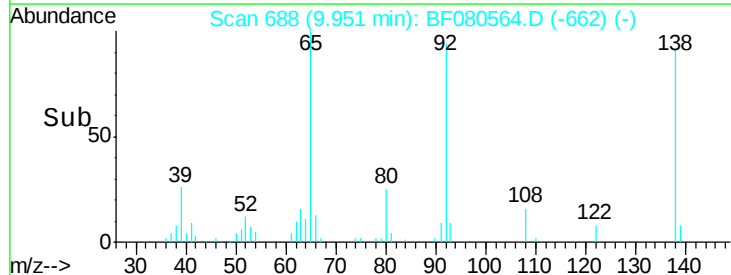
92 103.8 81.0 121.4

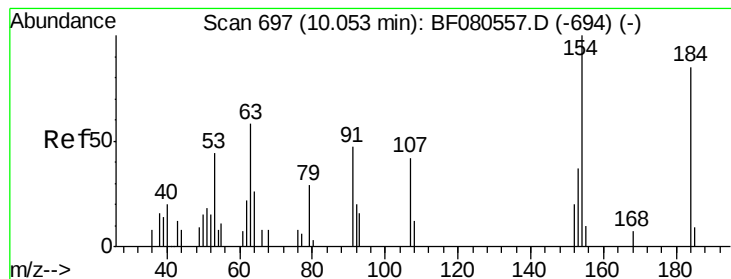


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 43.48 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

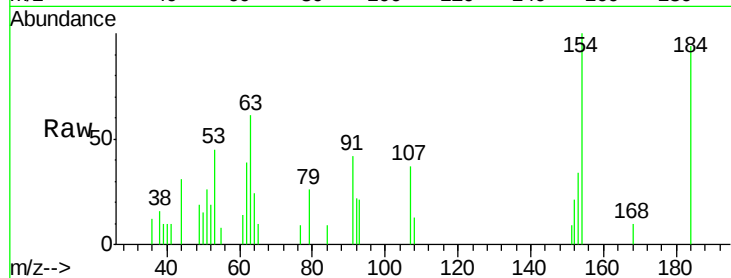
Tgt Ion:184 Resp: 3594

Ion Ratio Lower Upper

184 100

63 64.7 54.9 82.3

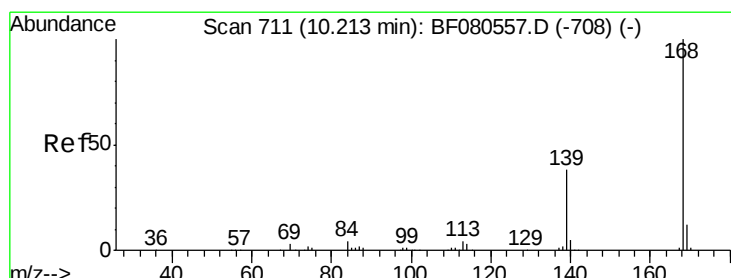
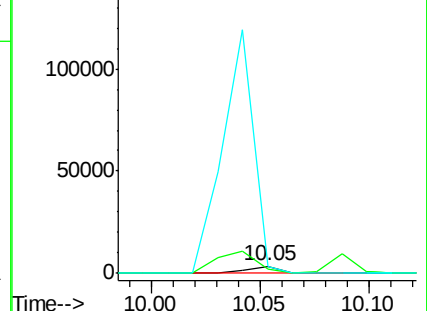
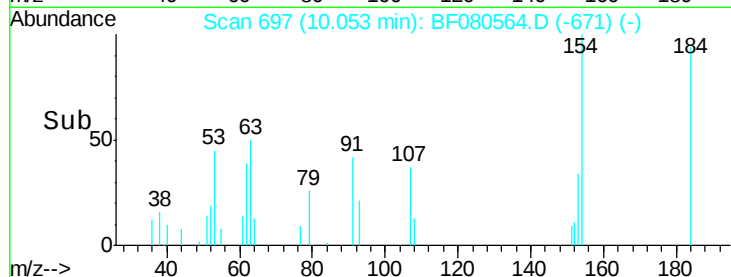
154 106.7 94.2 141.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.90 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

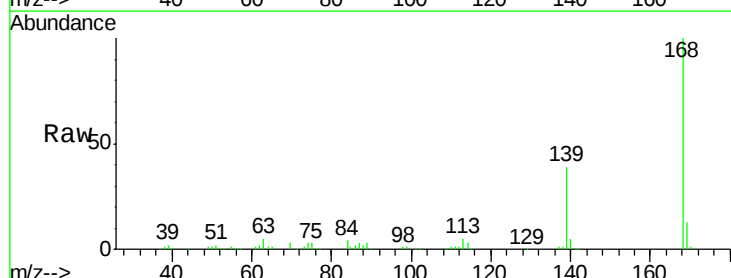
Tgt Ion:168 Resp: 167183

Ion Ratio Lower Upper

168 100

139 39.3 30.7 46.1

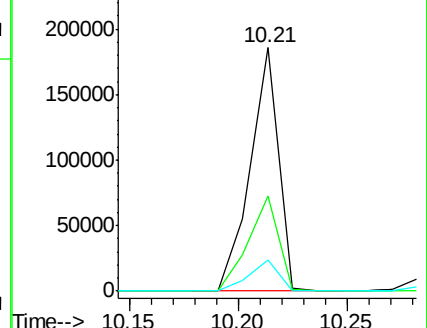
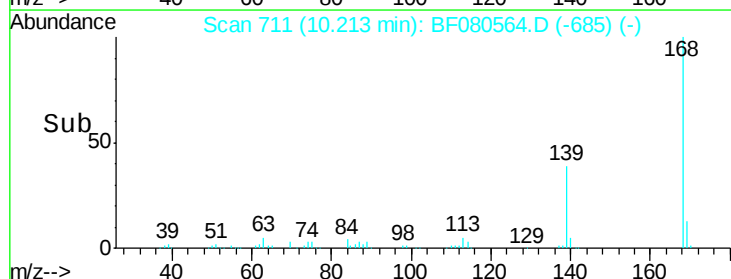
169 12.8 9.8 14.8

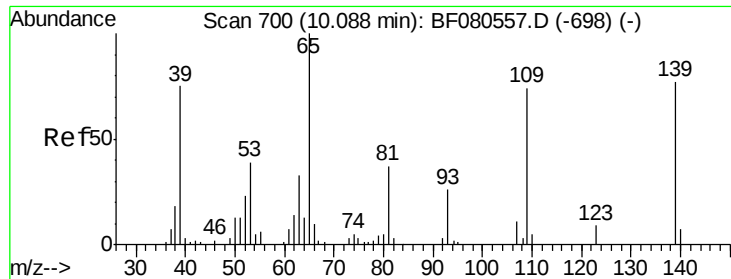


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

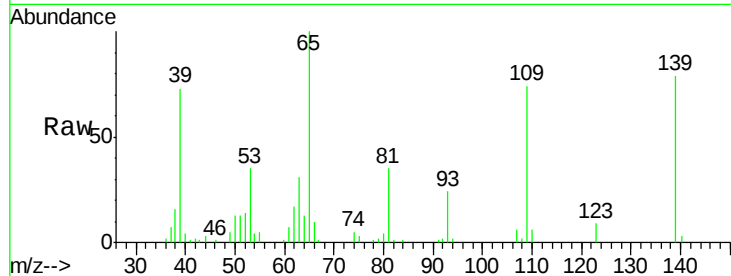




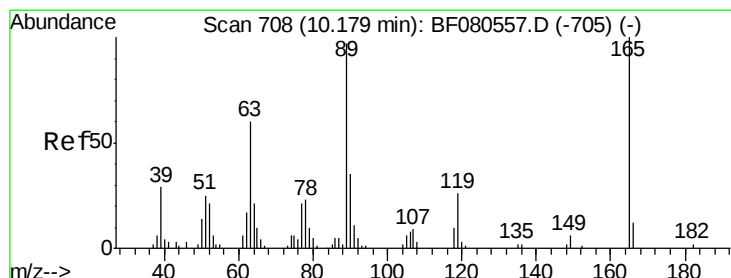
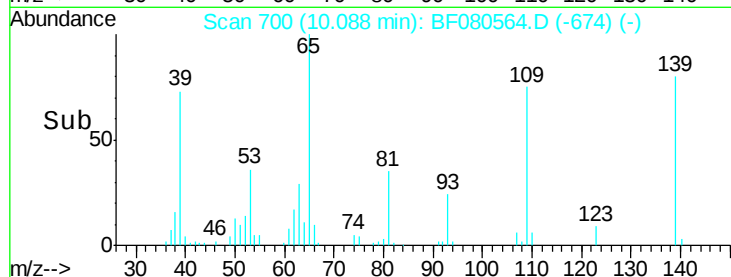
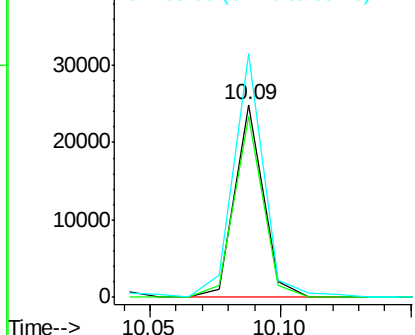
#55
4-Nitrophenol
Concen: 43.39 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

Tgt Ion:139 Resp: 19211
Ion Ratio Lower Upper
139 100
109 94.2 75.9 115.9
65 126.5 109.4 149.4

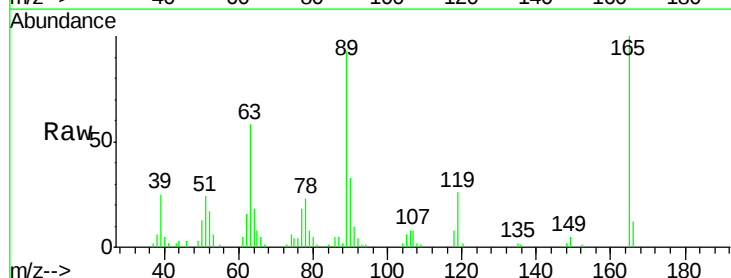


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

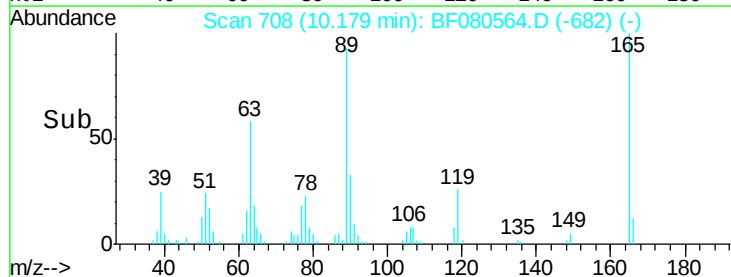
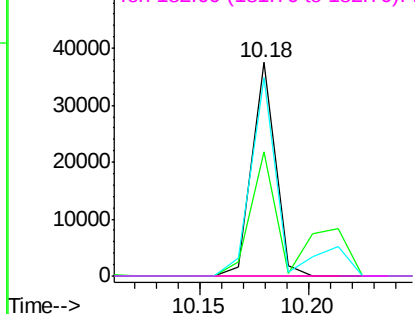


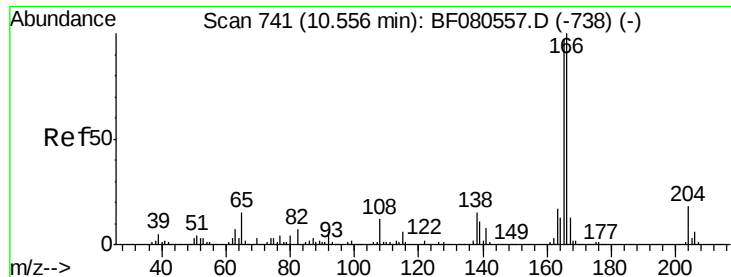
#56
2,4-Dinitrotoluene
Concen: 43.97 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:165 Resp: 27993
Ion Ratio Lower Upper
165 100
63 57.9 48.1 72.1
89 92.8 77.4 116.0
182 0.0 1.3 1.9#



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

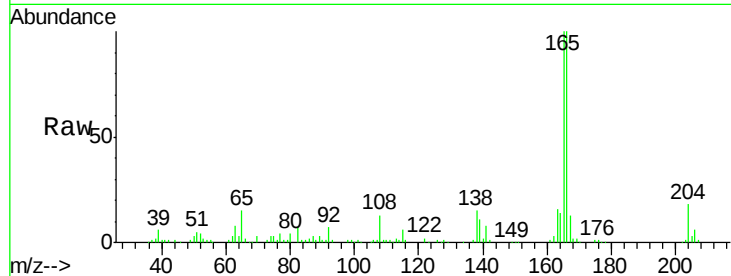




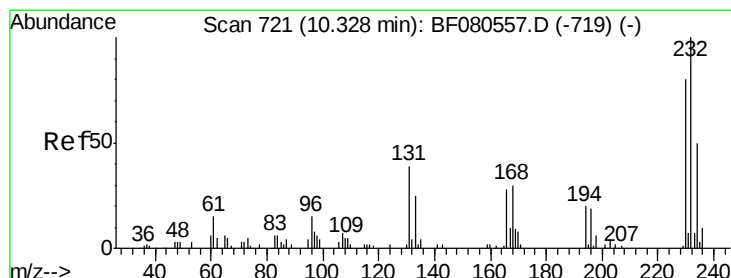
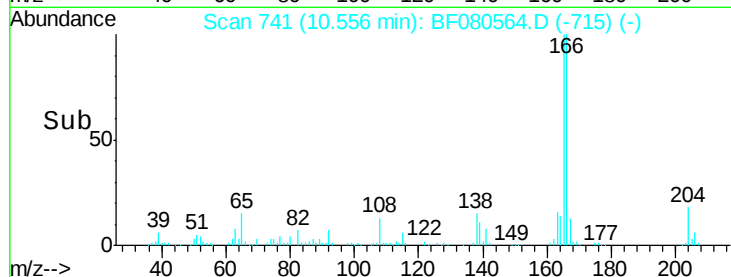
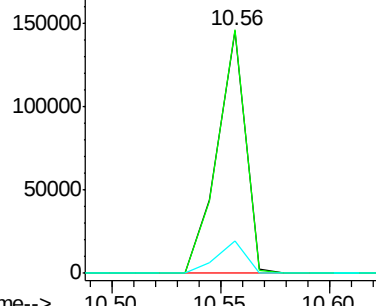
#57
 Fluorene
 Concen: 40.28 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:166 Resp: 131576
 Ion Ratio Lower Upper
 166 100
 165 100.2 77.7 116.5
 167 13.4 10.5 15.7

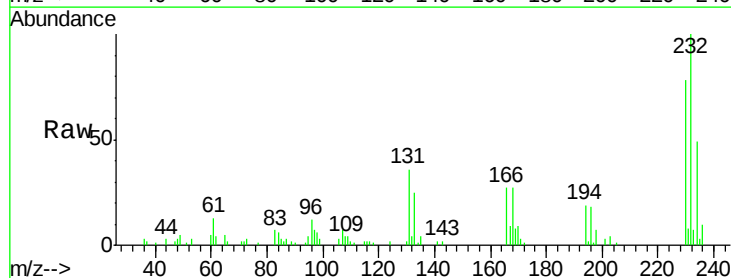


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

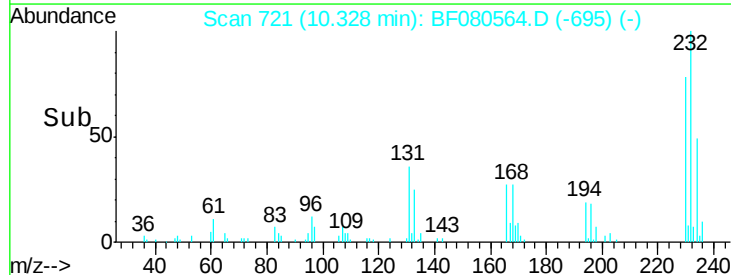
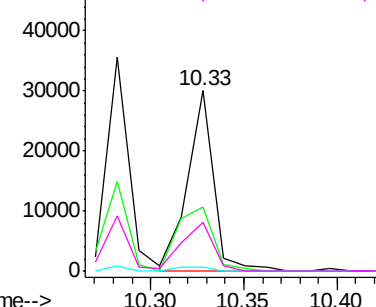


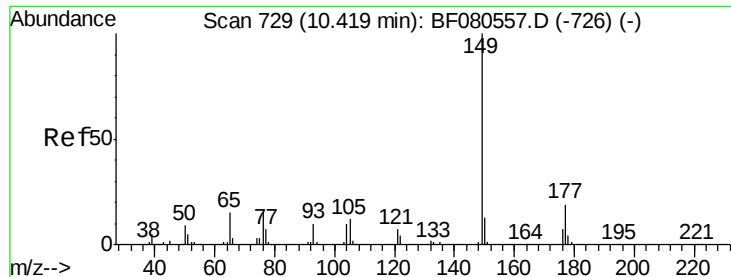
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.62 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:232 Resp: 29117
 Ion Ratio Lower Upper
 232 100
 131 48.9 41.4 62.0
 130 2.6 1.9 2.9
 166 32.2 25.7 38.5



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

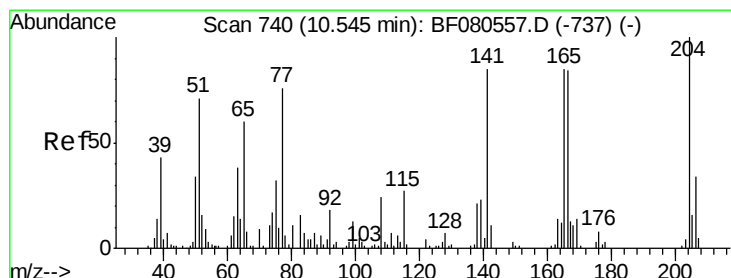
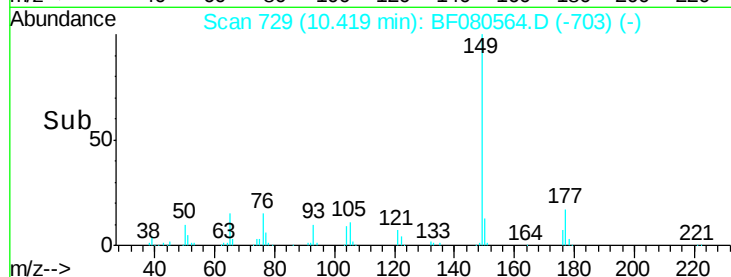
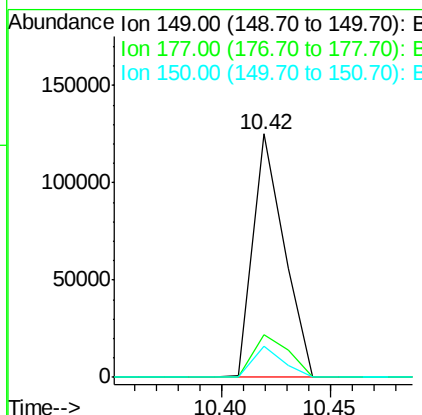
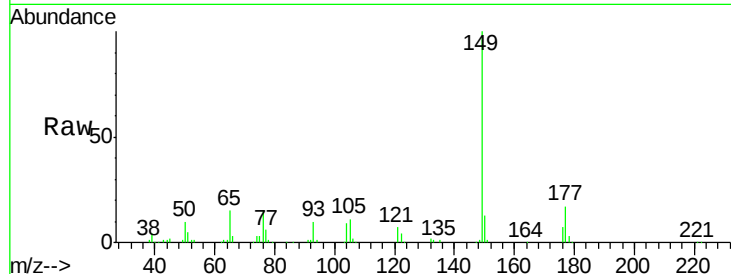




#59
Diethylphthalate
Concen: 39.57 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

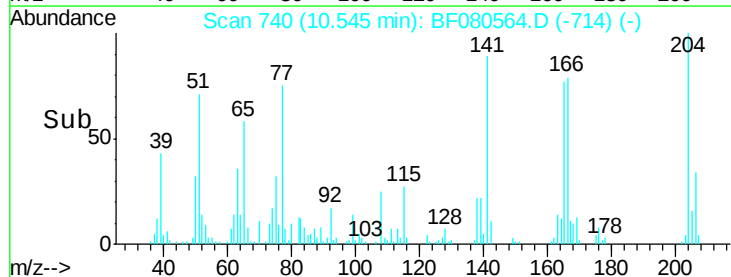
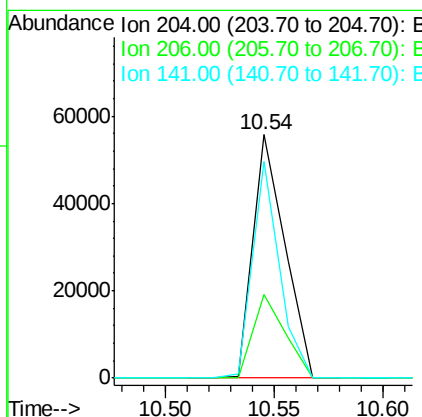
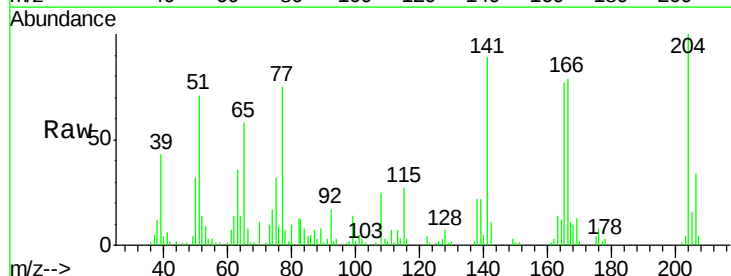
Instrument :
BNA_F
ClientSampleId :
ICVBF072215

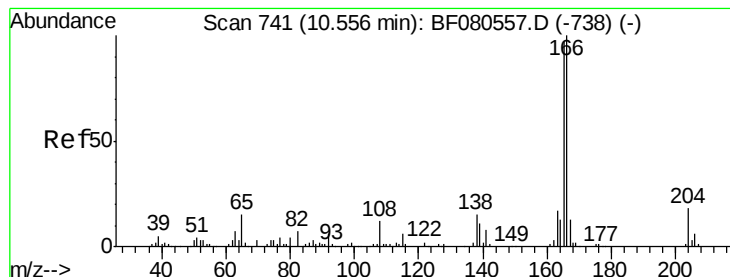
Tgt Ion:149 Resp: 125013
Ion Ratio Lower Upper
149 100
177 17.4 14.9 22.3
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.34 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:204 Resp: 56822
Ion Ratio Lower Upper
204 100
206 34.4 27.1 40.7
141 88.8 68.3 102.5





#61

4-Nitroaniline

Concen: 38.18 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

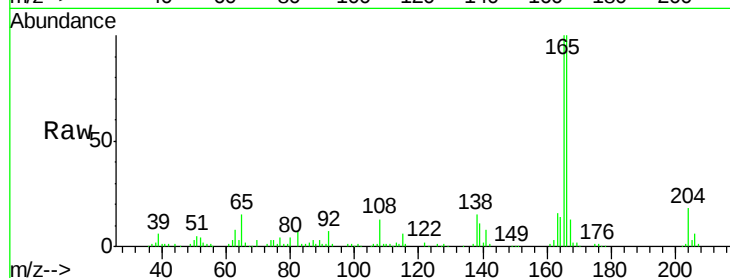
Tgt Ion:138 Resp: 23400

Ion Ratio Lower Upper

138 100

92 46.0 22.6 62.6

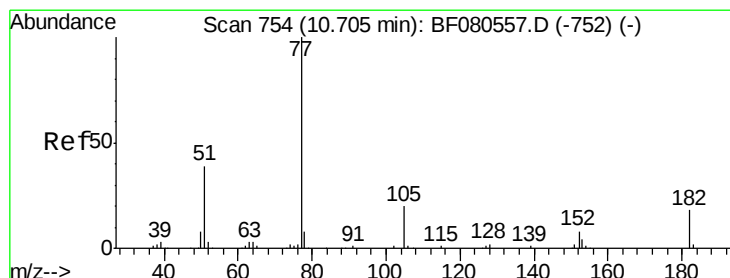
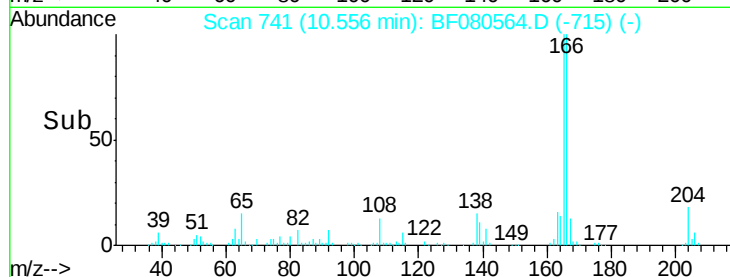
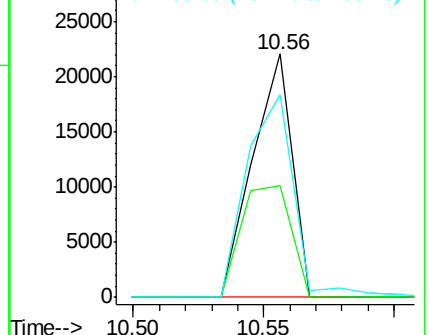
108 83.0 62.0 102.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.82 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Tgt Ion: 77 Resp: 145502

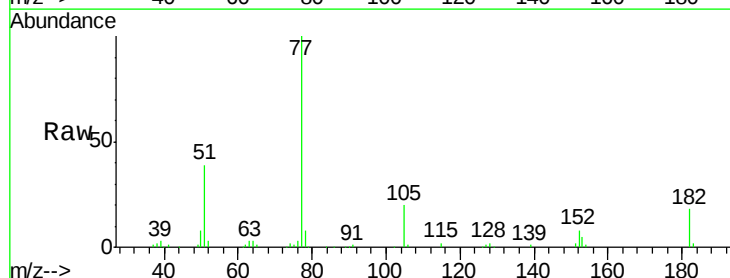
Ion Ratio Lower Upper

77 100

182 17.8 0.0 37.8

105 20.1 0.1 40.1

51 39.0 18.8 58.8

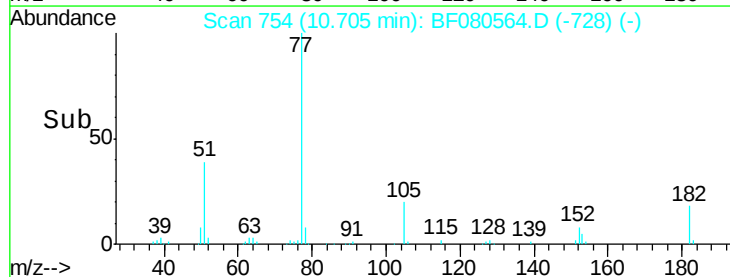
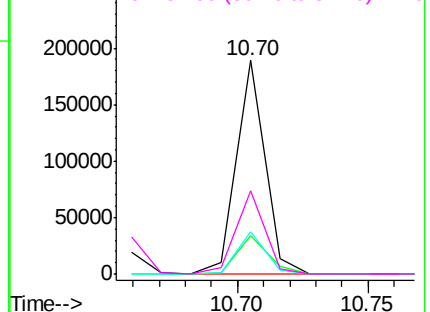


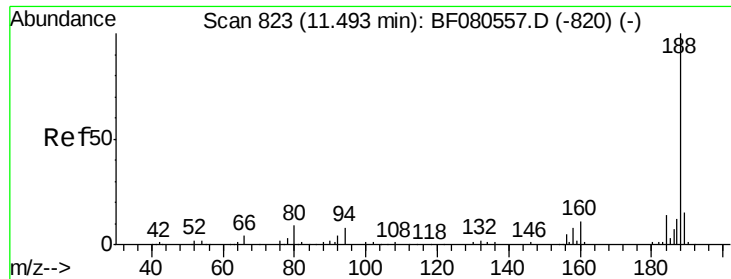
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

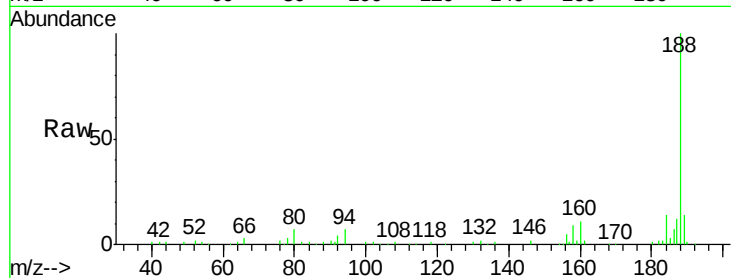




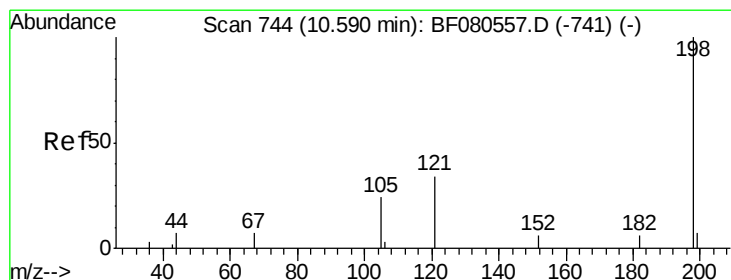
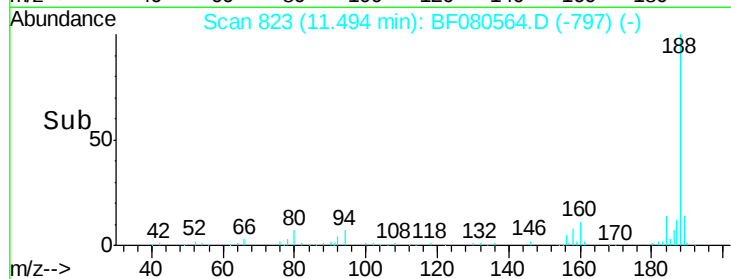
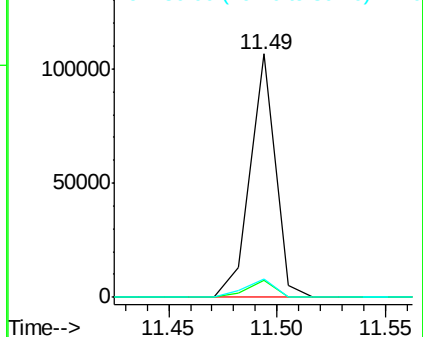
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:188 Resp: 85438
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.1 9.1
 80 7.4 7.0 10.6

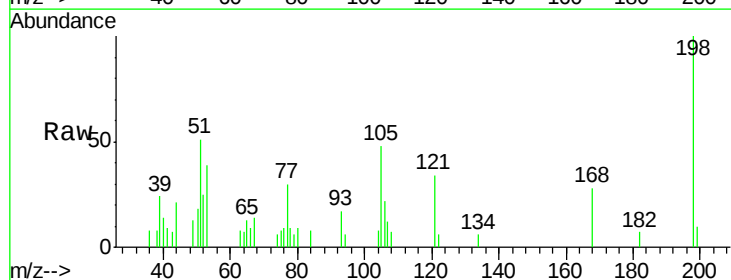


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

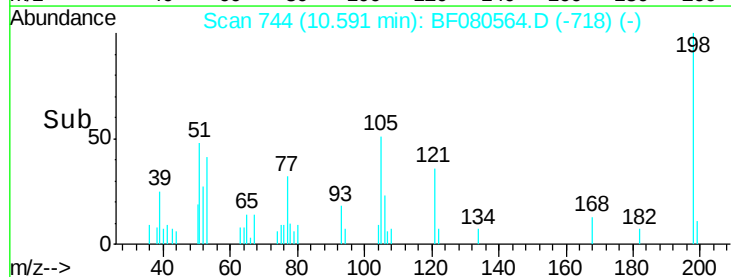
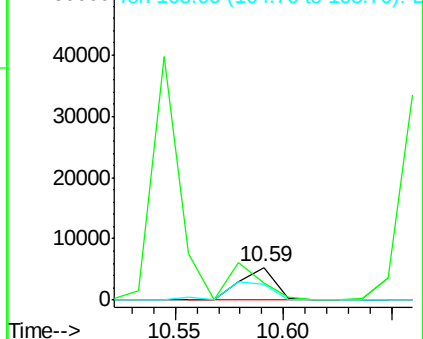


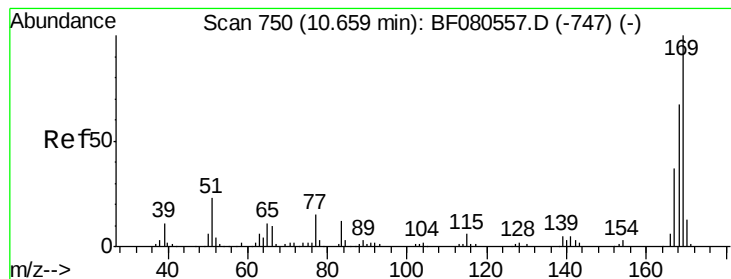
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.97 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:198 Resp: 5937
 Ion Ratio Lower Upper
 198 100
 51 51.0 32.0 72.0
 105 47.5 16.3 56.3



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

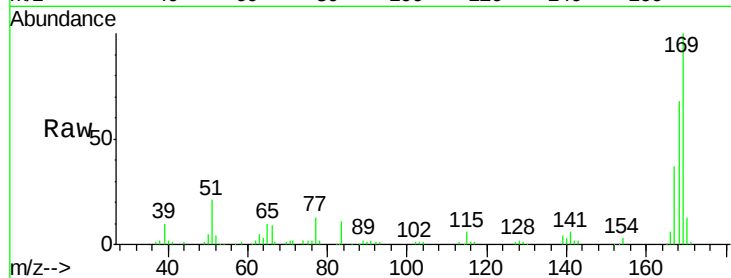




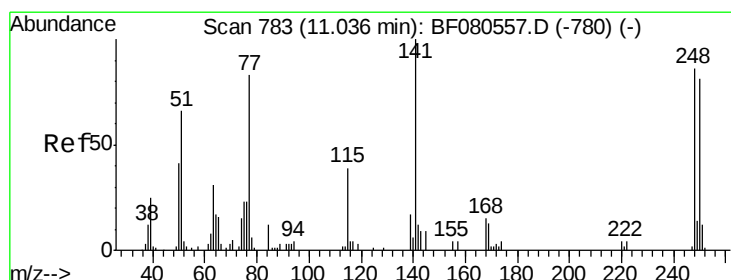
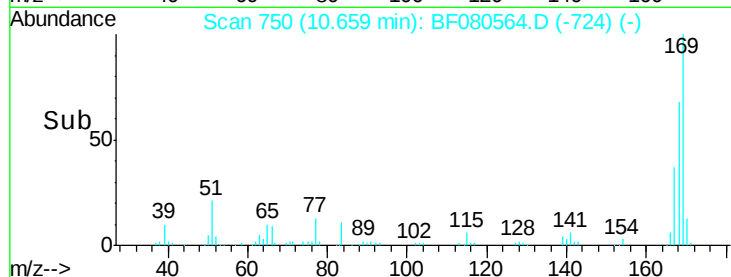
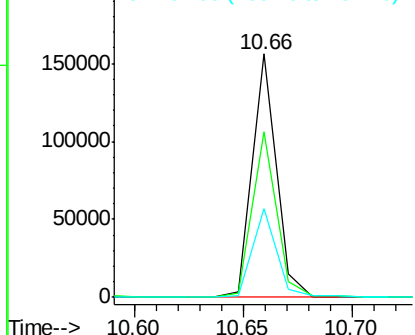
#65
 n-Nitrosodiphenylamine
 Concen: 42.49 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:169 Resp: 119695
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.3 79.9
 167 36.6 29.8 44.6

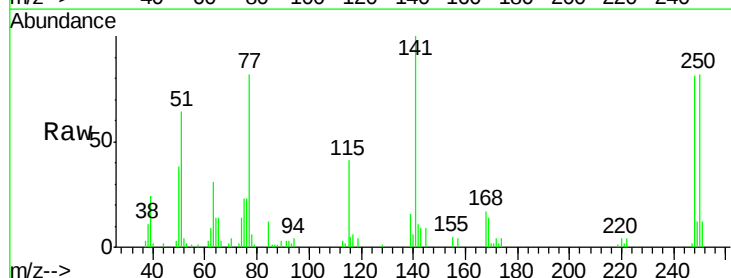


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

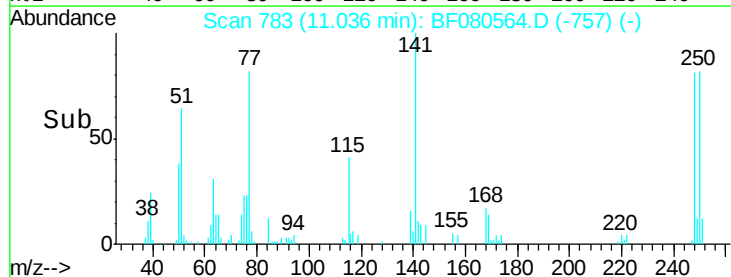
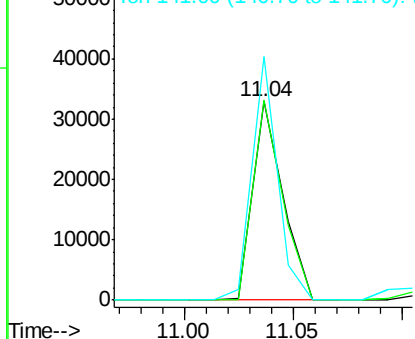


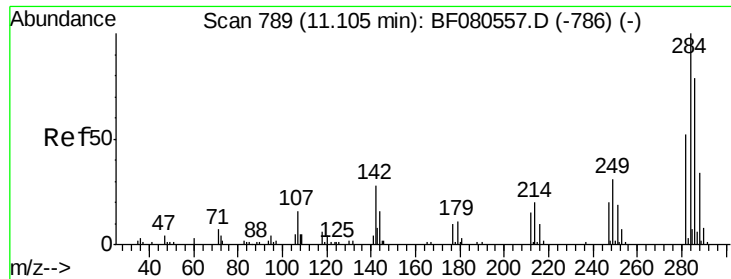
#66
 4-Bromophenyl-phenylether
 Concen: 38.67 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:248 Resp: 31795
 Ion Ratio Lower Upper
 248 100
 250 101.0 75.4 113.2
 141 122.7 93.4 140.0



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

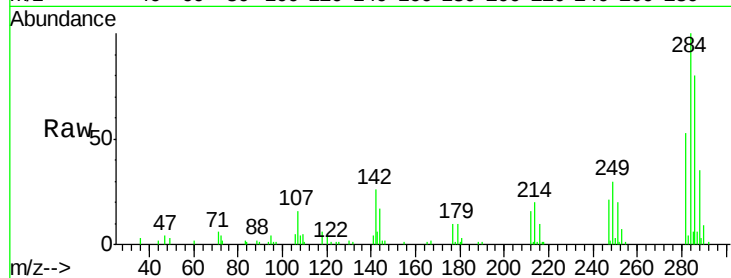




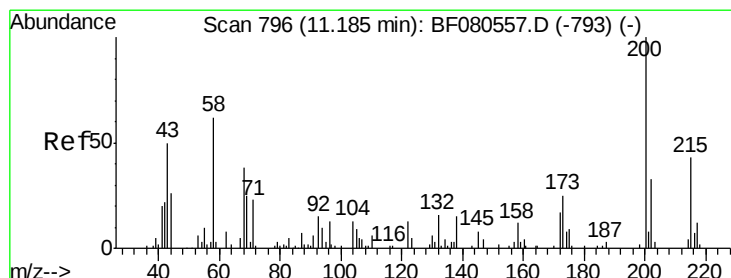
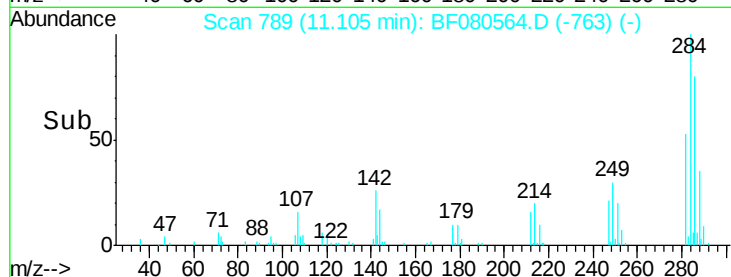
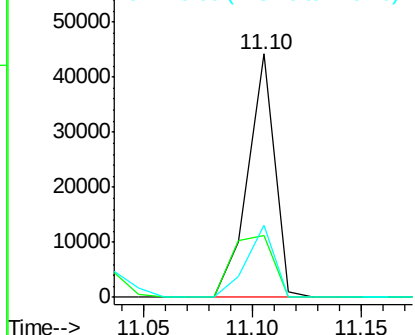
#67
Hexachlorobenzene
Concen: 40.55 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

Tgt Ion:284 Resp: 37875
Ion Ratio Lower Upper
284 100
142 25.6 22.4 33.6
249 29.8 25.0 37.4

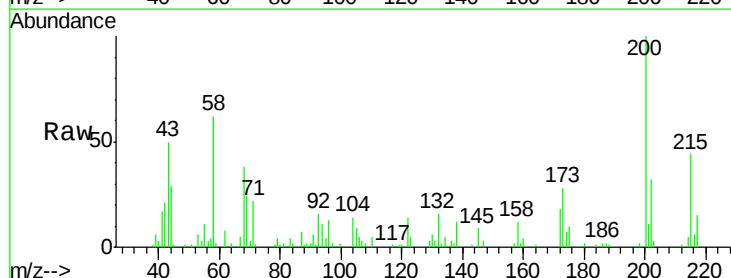


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

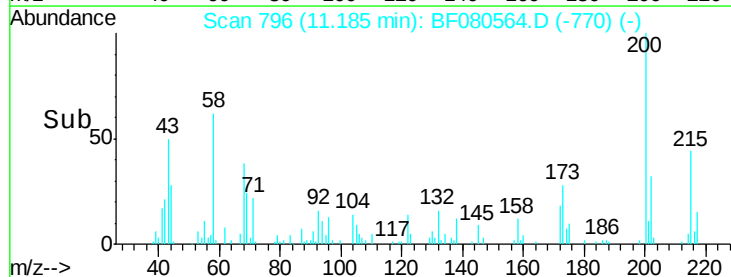
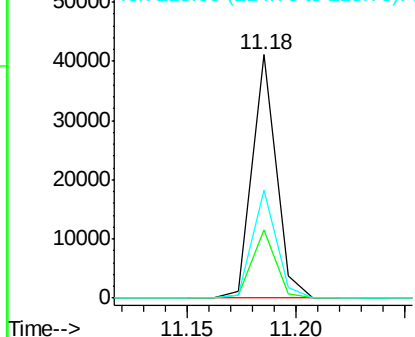


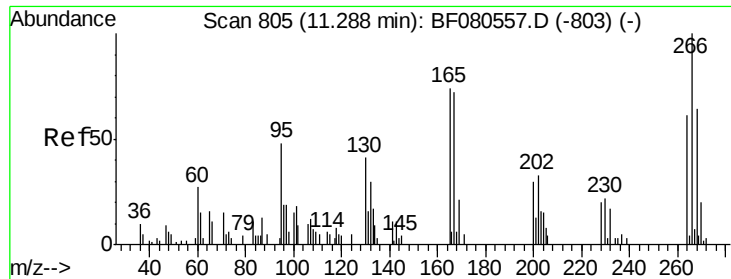
#68
Atrazine
Concen: 41.89 ng
RT: 11.18 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:200 Resp: 31657
Ion Ratio Lower Upper
200 100
173 28.2 4.6 44.6
215 44.3 22.9 62.9



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

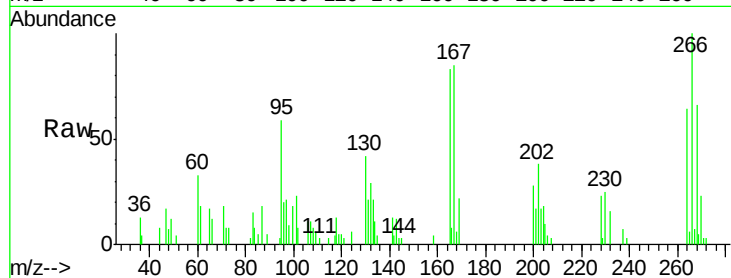




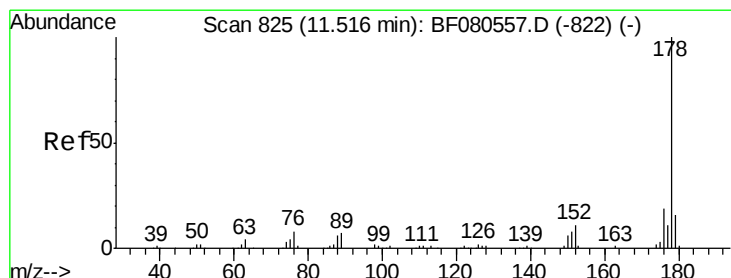
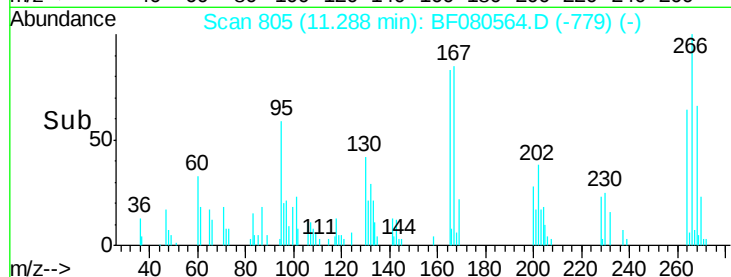
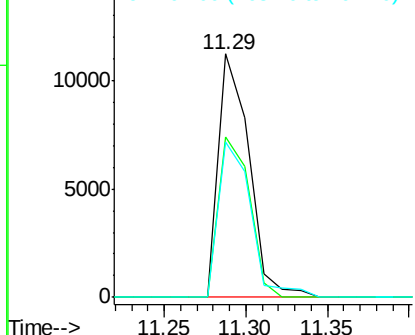
#69
 Pentachlorophenol
 Concen: 39.44 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:266 Resp: 14628
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.5 77.3
 264 63.6 48.8 73.2

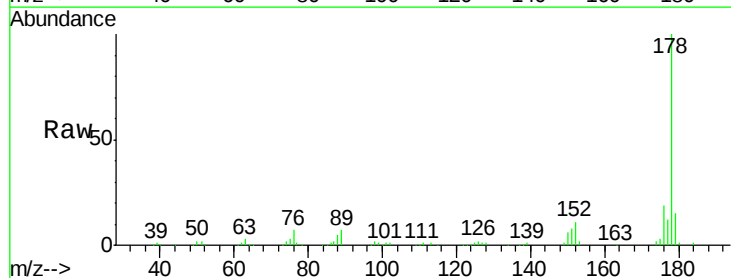


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

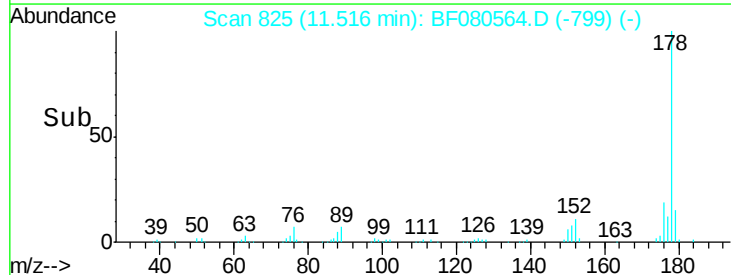
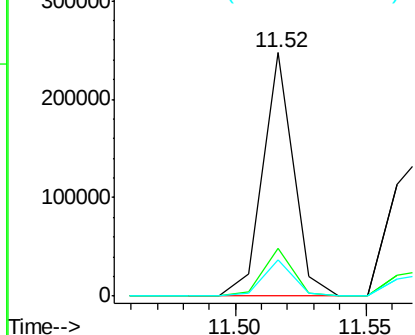


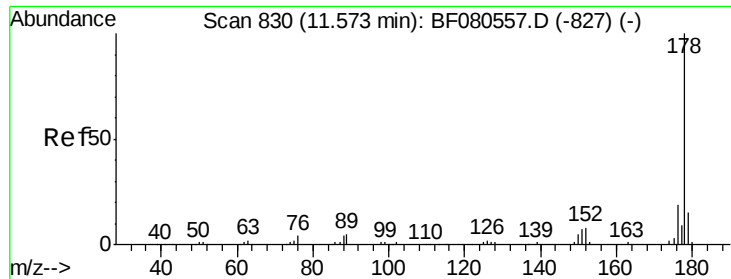
#70
 Phenanthrene
 Concen: 40.83 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:178 Resp: 197993
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.2 22.8
 179 15.1 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

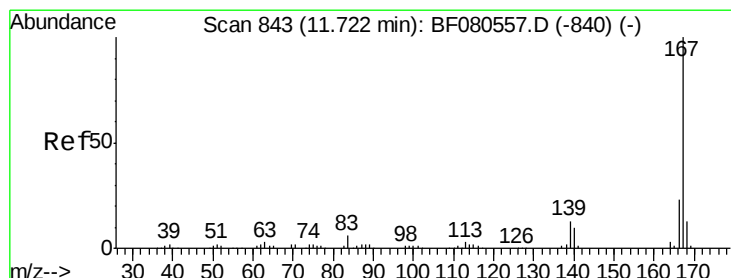
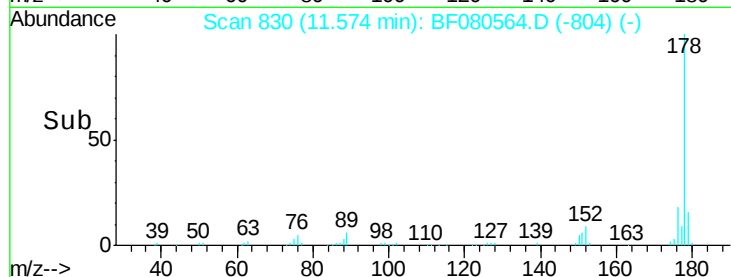
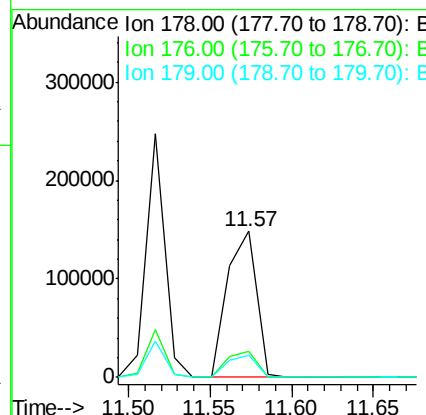
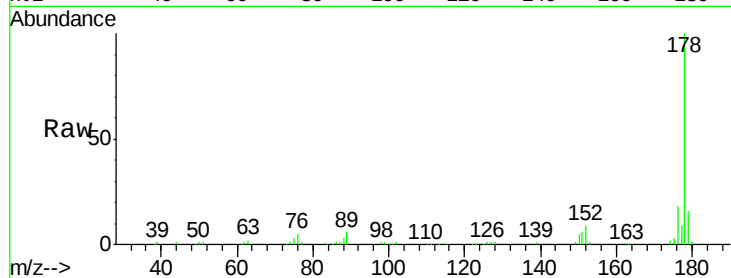




#71
 Anthracene
 Concen: 40.68 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

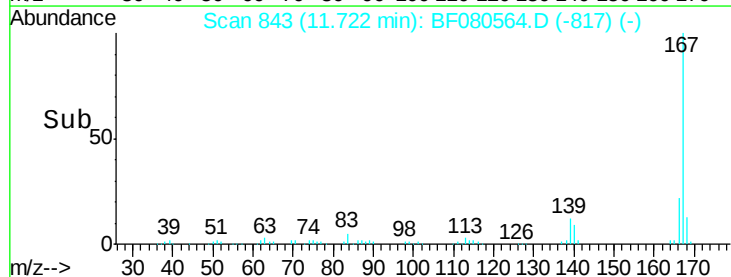
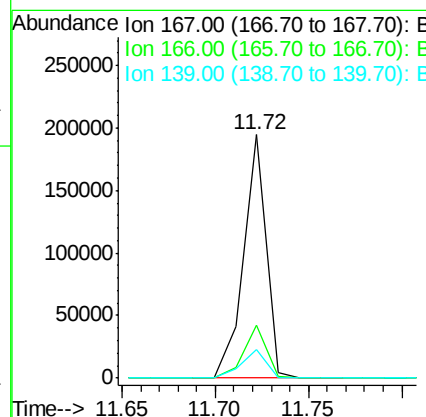
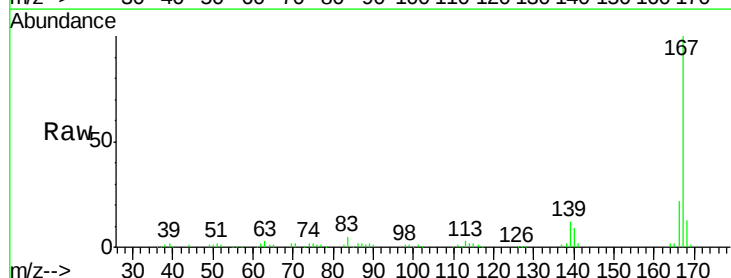
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

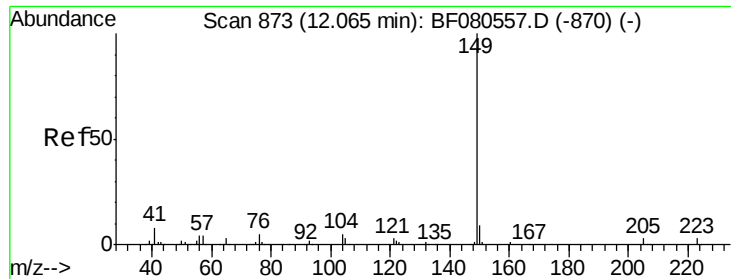
Tgt Ion:178 Resp: 182565
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.1 22.7
 179 15.5 12.0 18.0



#72
 Carbazole
 Concen: 40.65 ng
 RT: 11.72 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:167 Resp: 165235
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 11.8 10.7 16.1

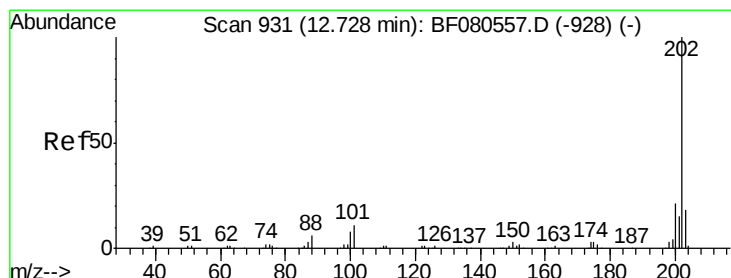
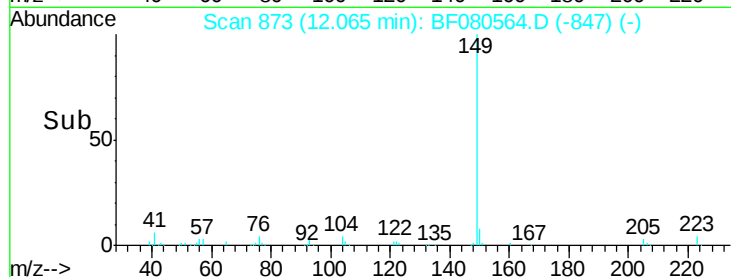
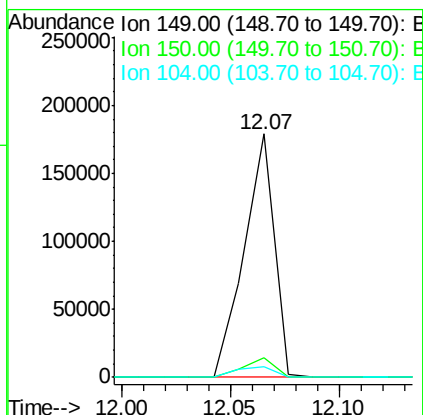
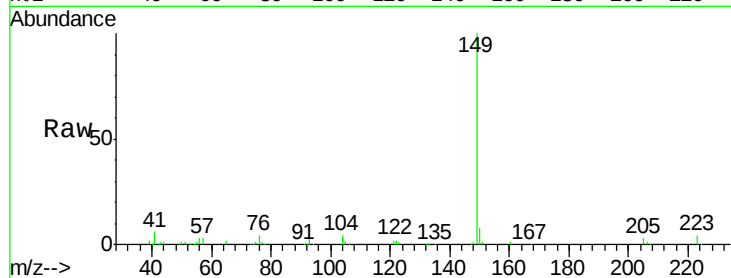




#73
Di-n-butylphthalate
Concen: 36.32 ng
RT: 12.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

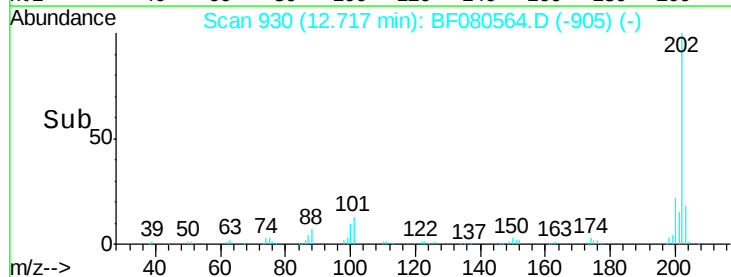
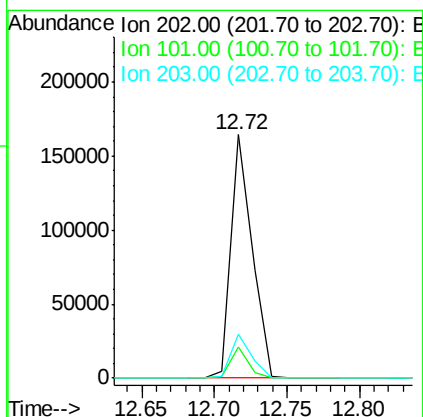
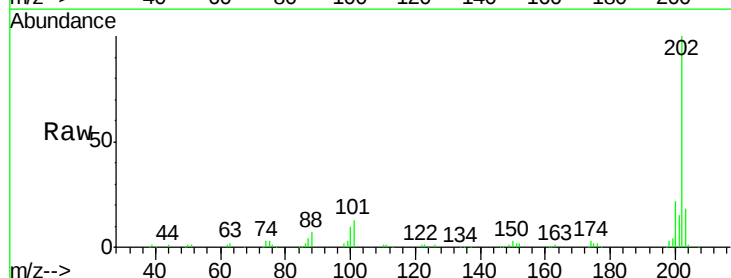
Instrument :
BNA_F
ClientSampleId :
ICVBF072215

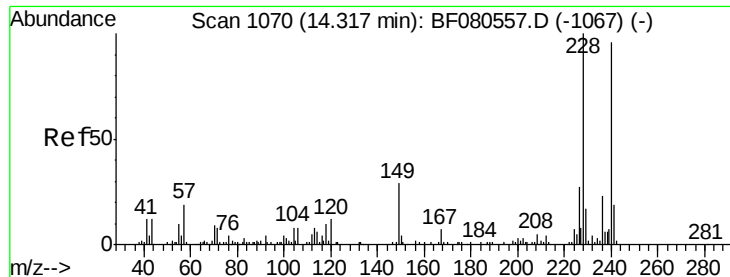
Tgt Ion:149 Resp: 172023
Ion Ratio Lower Upper
149 100
150 8.3 7.2 10.8
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 38.15 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:202 Resp: 167394
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.1
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.27 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

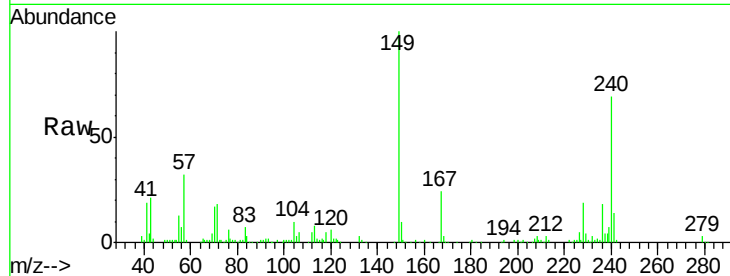
Tgt Ion:240 Resp: 66828

Ion Ratio Lower Upper

240 100

120 8.4 9.9 14.9#

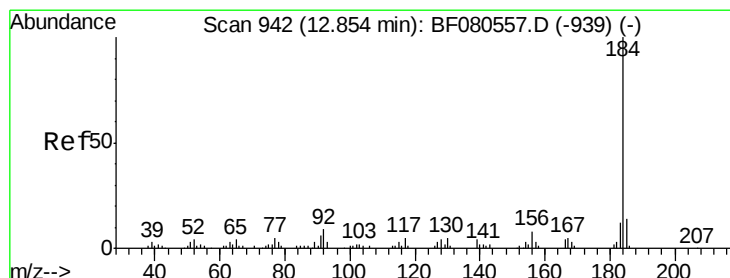
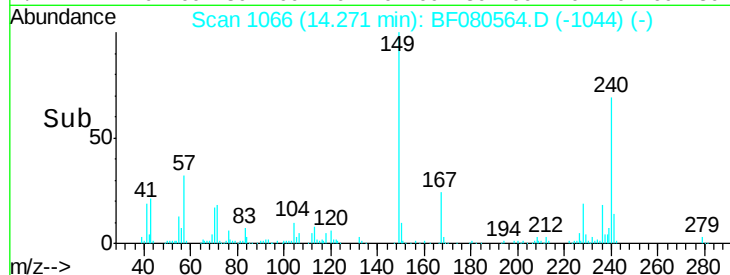
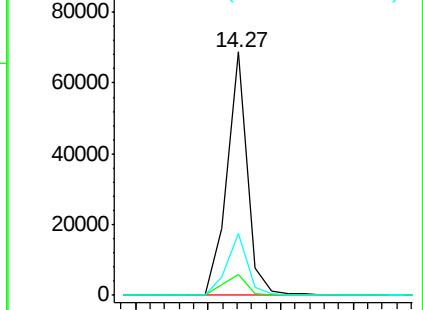
236 25.2 19.1 28.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.50 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

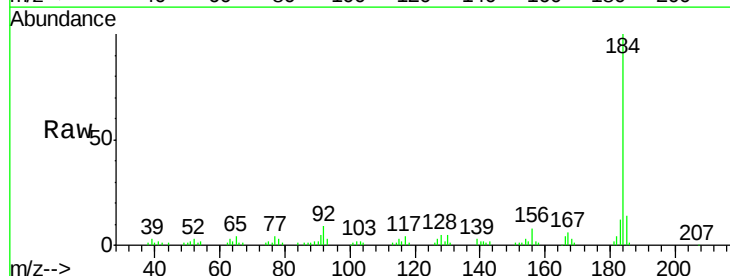
Tgt Ion:184 Resp: 82466

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

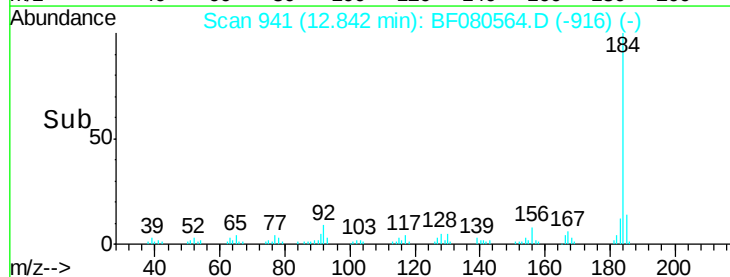
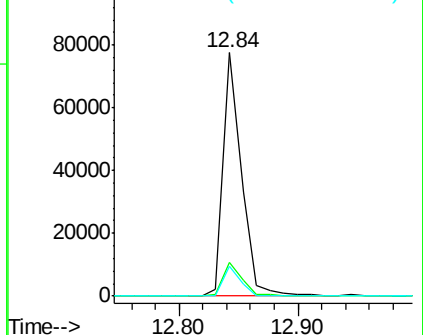
183 12.0 9.6 14.4

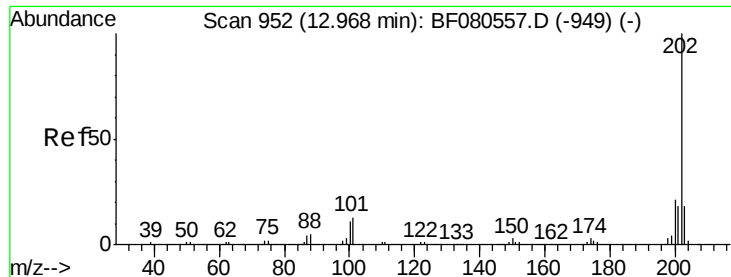


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

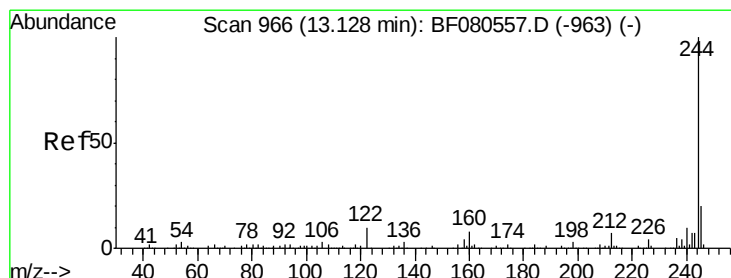
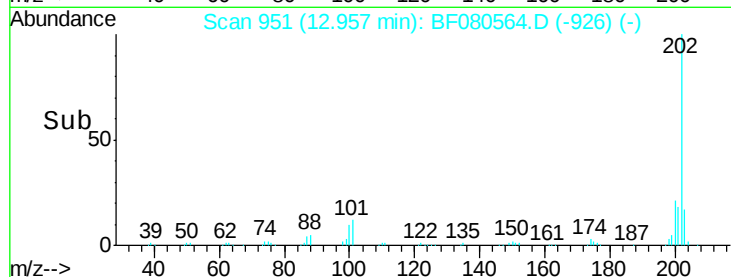
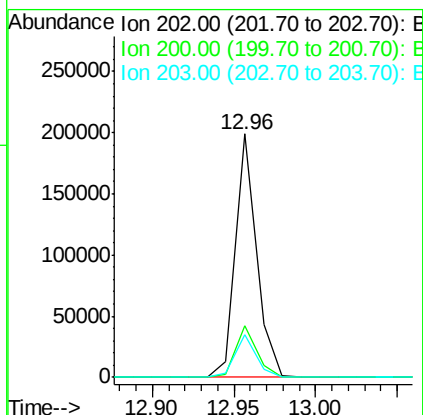
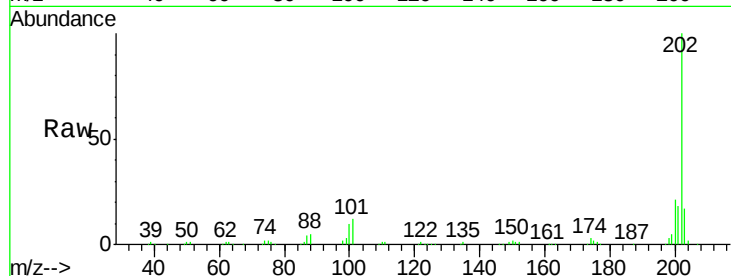




#77
 Pyrene
 Concen: 38.68 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

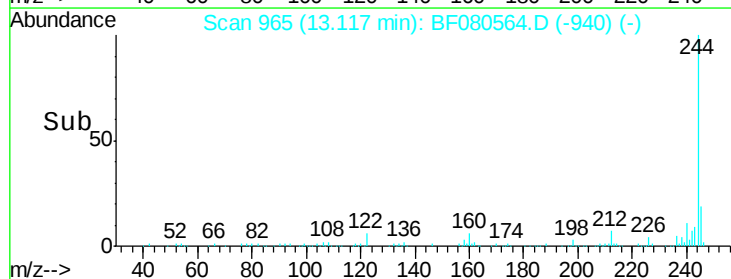
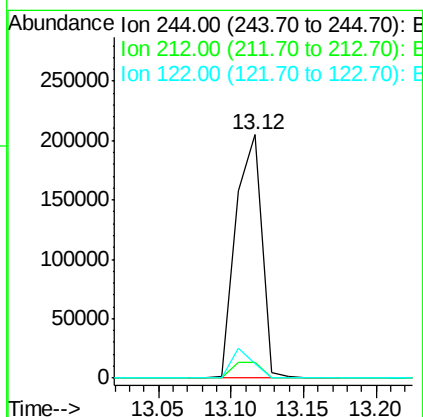
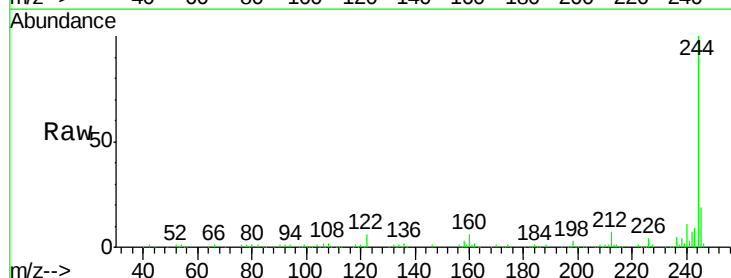
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

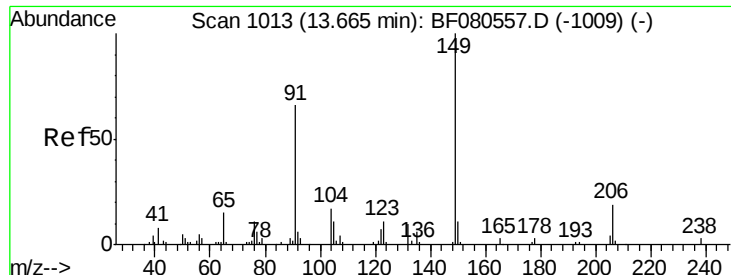
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.5	14.5	21.7



#78
 Terphenyl-d14
 Concen: 78.05 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.1	8.2	12.2#

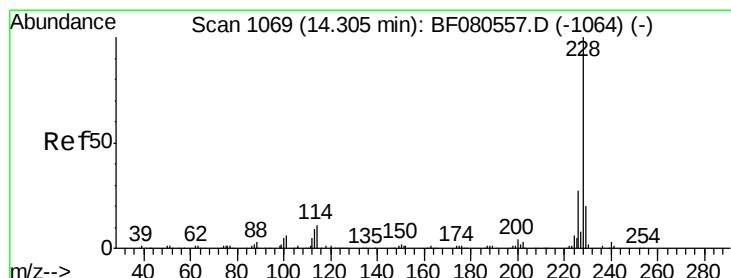
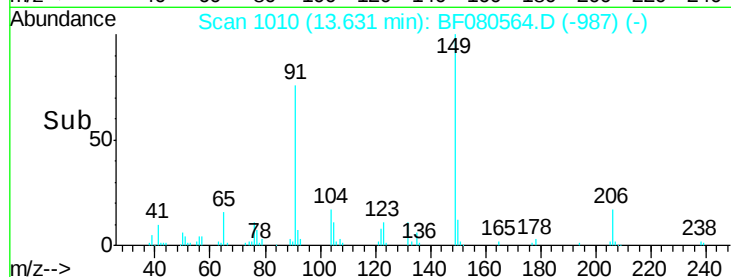
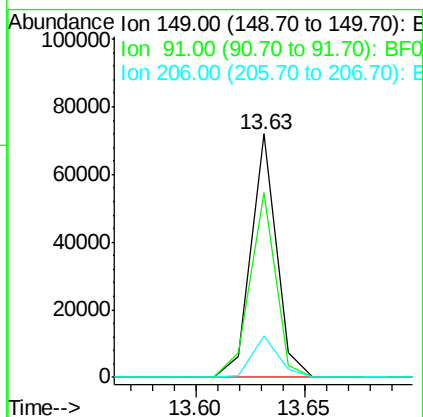
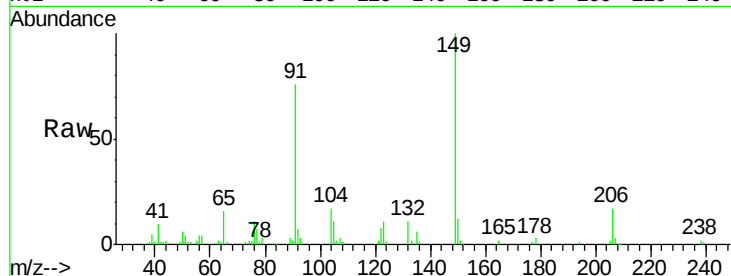




#79
Butylbenzylphthalate
Concen: 41.79 ng
RT: 13.63 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

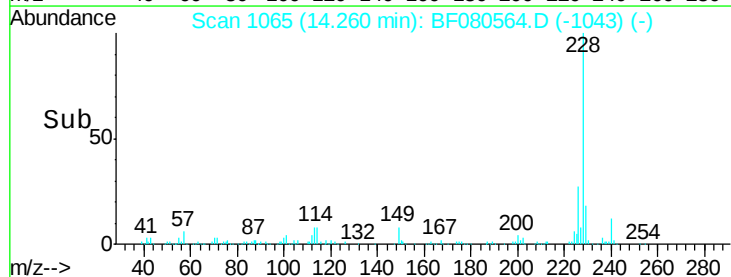
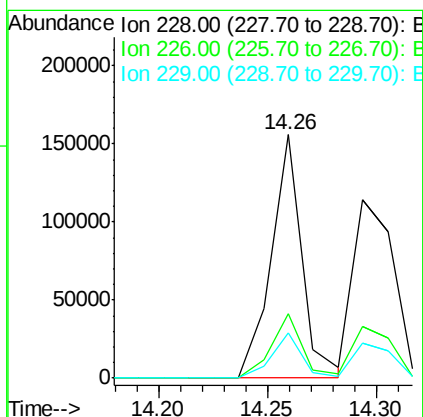
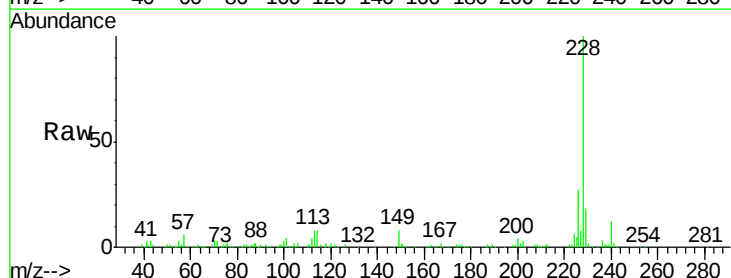
Instrument :
BNA_F
ClientSampleId :
ICVBF072215

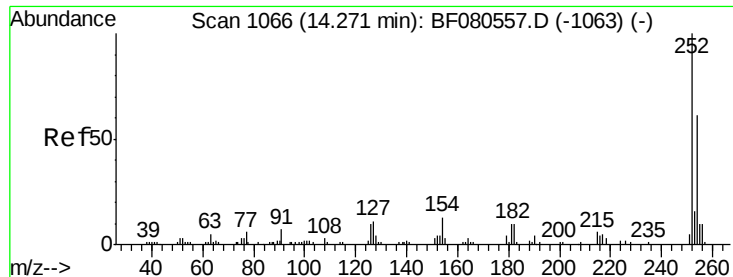
Tgt Ion:149 Resp: 58819
Ion Ratio Lower Upper
149 100
91 75.9 53.0 79.6
206 16.9 15.0 22.6



#80
Benzo(a)anthracene
Concen: 40.83 ng
RT: 14.26 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:228 Resp: 155041
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 18.4 15.7 23.5

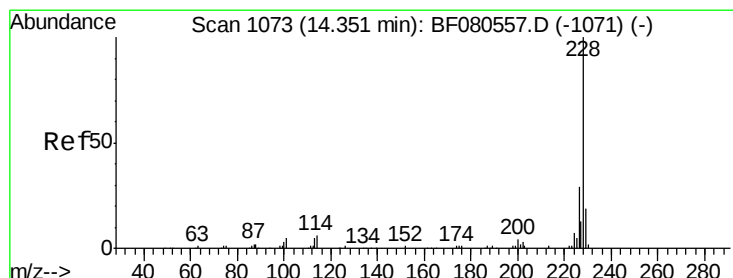
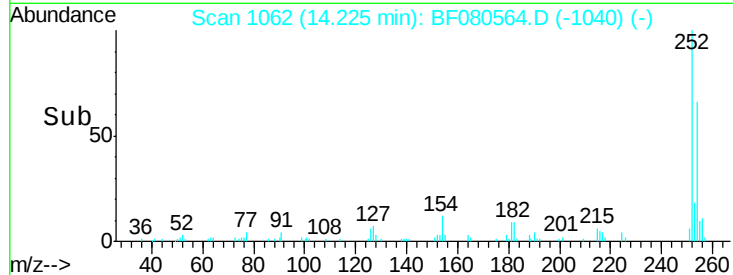
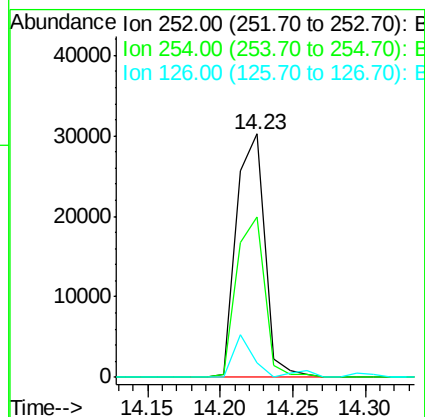
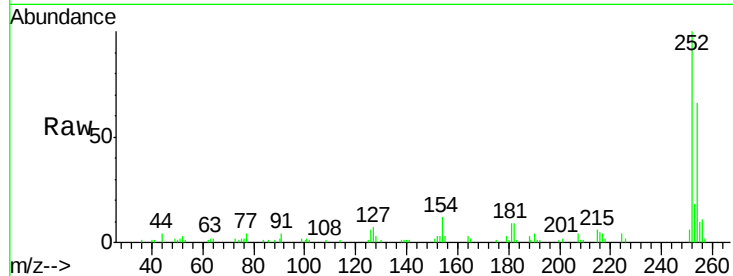




#81
 3,3'-Dichlorobenzidine
 Concen: 35.95 ng
 RT: 14.23 min Scan# 1062
 Delta R.T. -0.04 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

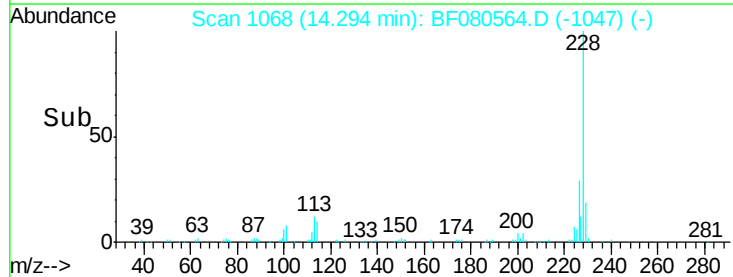
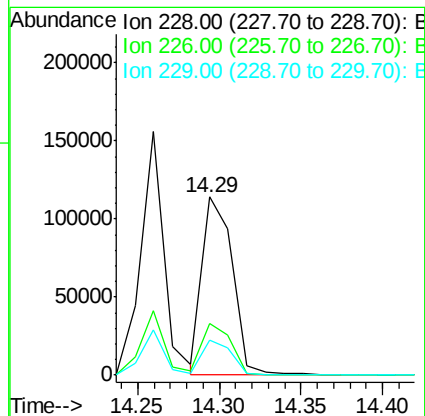
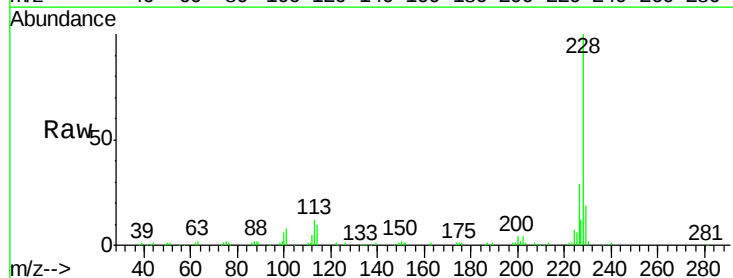
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

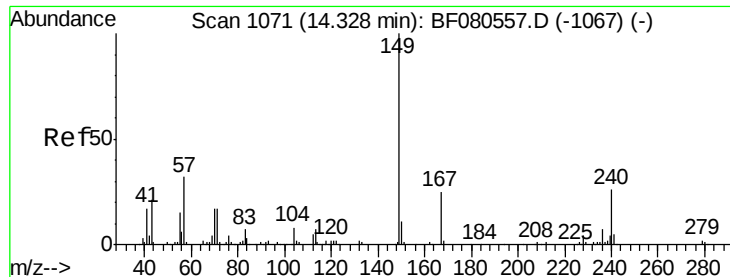
Tgt Ion:252 Resp: 40994
 Ion Ratio Lower Upper
 252 100
 254 65.9 49.2 73.8
 126 6.0 8.1 12.1#



#82
 Chrysene
 Concen: 39.08 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.06 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:228 Resp: 148311
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.0 34.6
 229 19.3 15.0 22.4

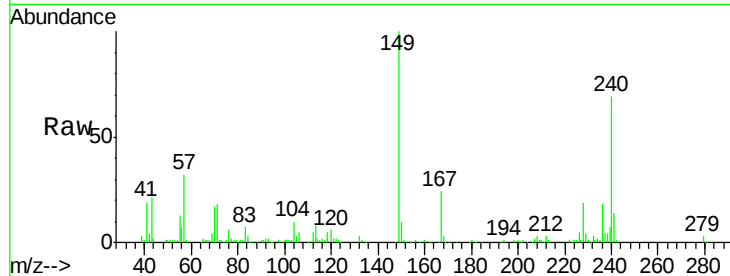




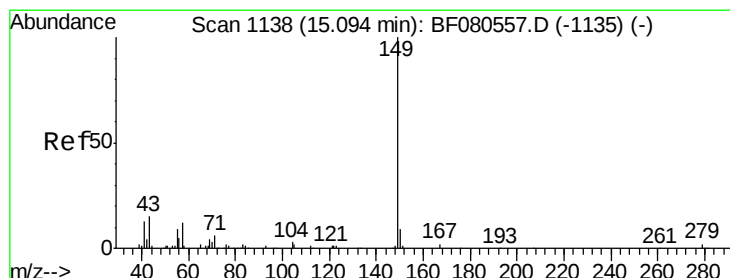
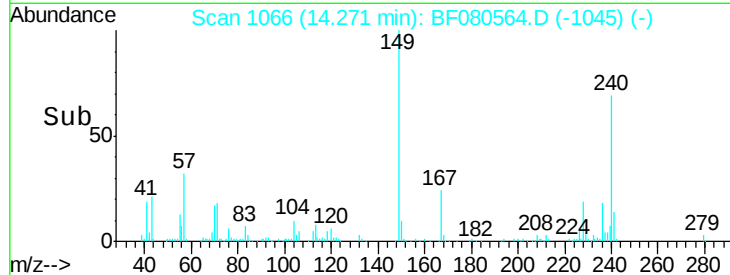
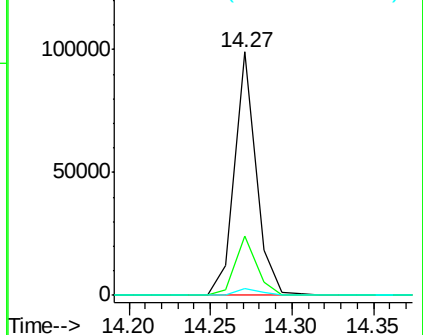
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.42 ng
 RT: 14.27 min Scan# 1066
 Delta R.T. -0.06 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion:149 Resp: 90111
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.2 30.2
 279 2.7 2.0 3.0

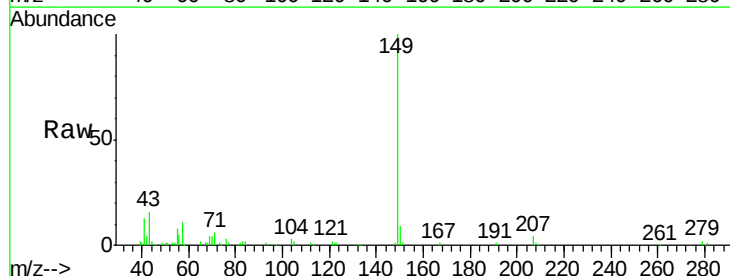


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

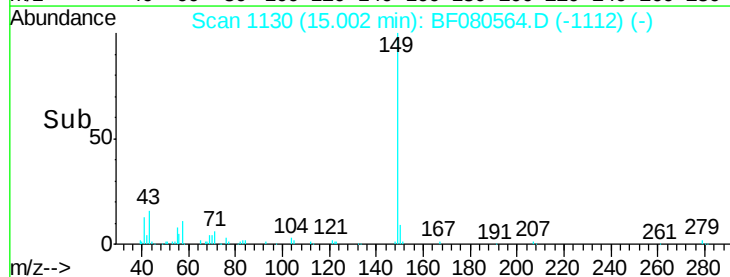
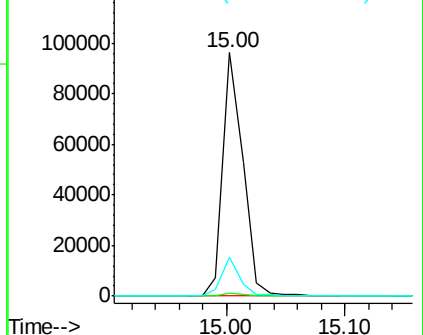


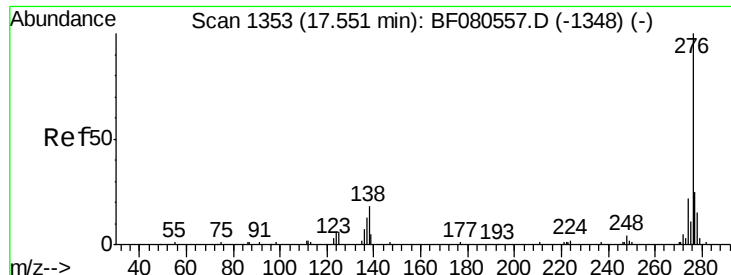
#84
 Di-n-octyl phthalate
 Concen: 38.21 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.09 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Tgt Ion:149 Resp: 112541
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 14.6 12.5 18.7



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

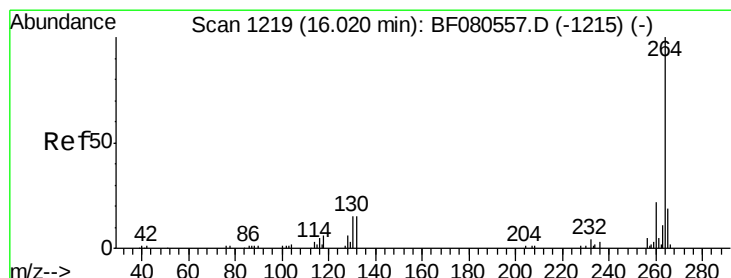
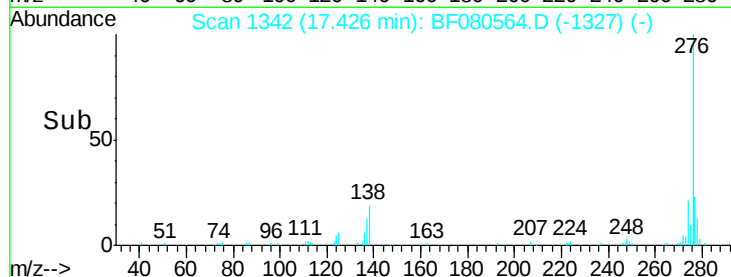
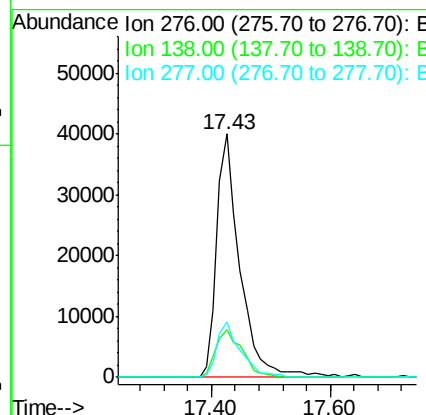
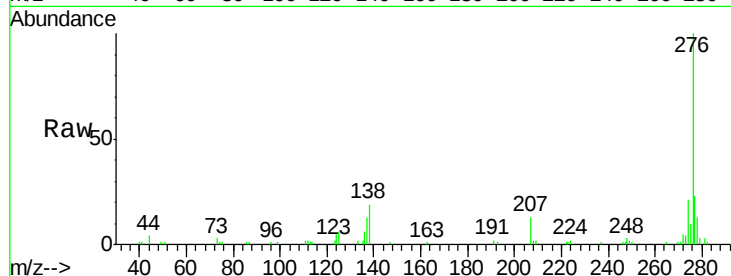




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.35 ng
RT: 17.43 min Scan# 1342
Delta R.T. -0.13 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

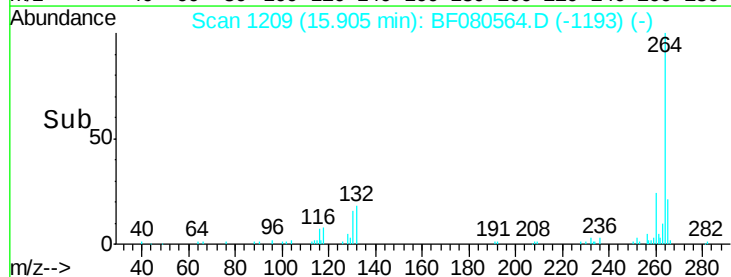
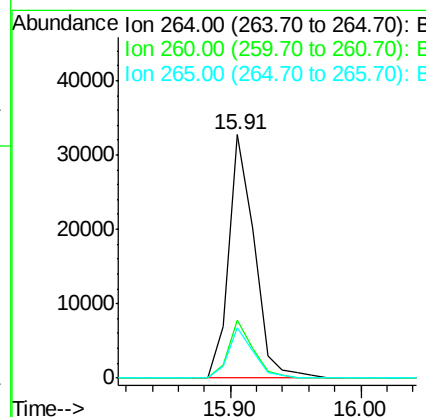
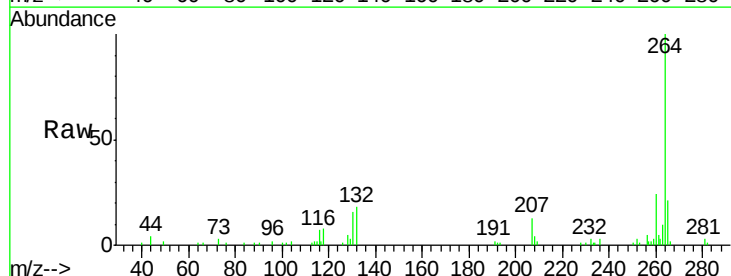
Instrument :
BNA_F
ClientSampleId :
ICVBF072215

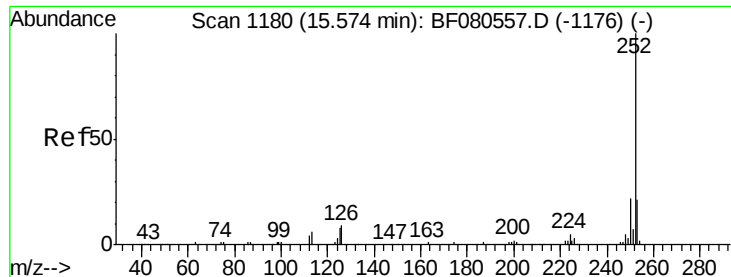
Tgt Ion:276 Resp: 108795
Ion Ratio Lower Upper
276 100
138 22.3 18.9 28.3
277 23.2 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. -0.11 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Tgt Ion:264 Resp: 44635
Ion Ratio Lower Upper
264 100
260 23.9 17.8 26.8
265 20.8 15.6 23.4

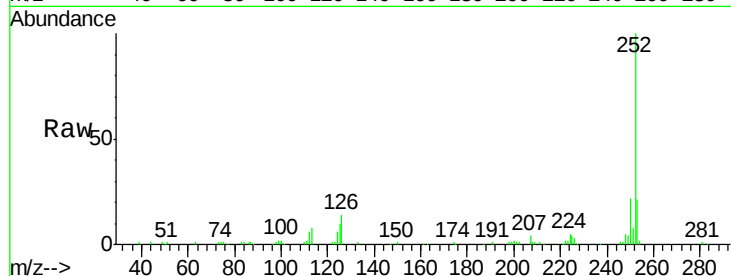




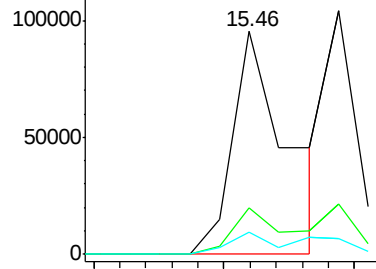
#87
Benzo(b)fluoranthene
Concen: 49.24 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.11 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
ICVBF072215

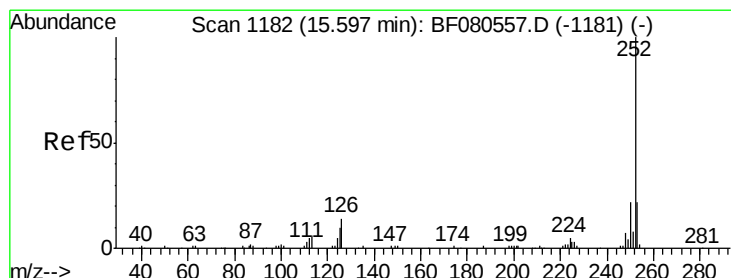
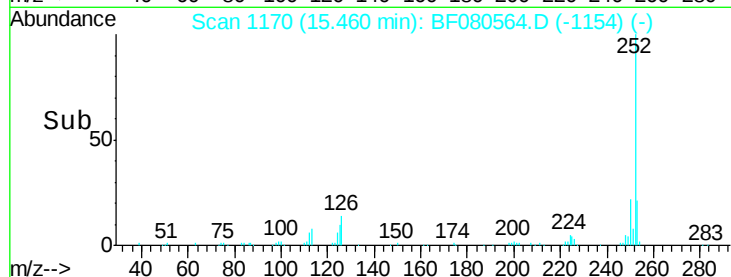
Tgt Ion: 252 Resp: 138176
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 10.2 6.1 9.1#



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

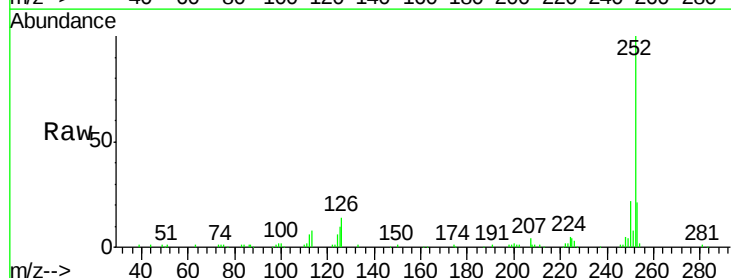


Time--> 15.40 15.45 15.50

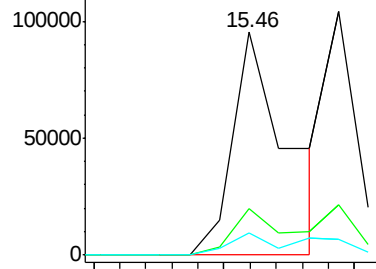


#88
Benzo(k)fluoranthene
Concen: 49.73 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.14 min
Lab File: BF080564.D
Acq: 22 Jul 2015 19:15

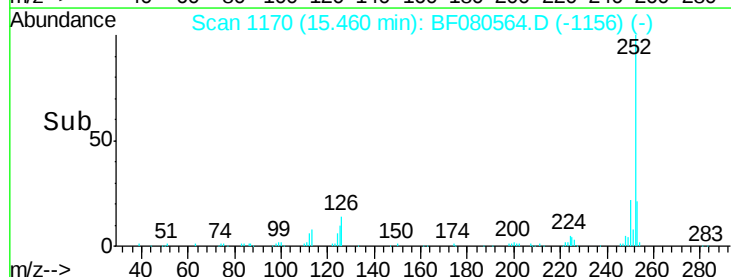
Tgt Ion: 252 Resp: 138176
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 10.2 8.6 13.0

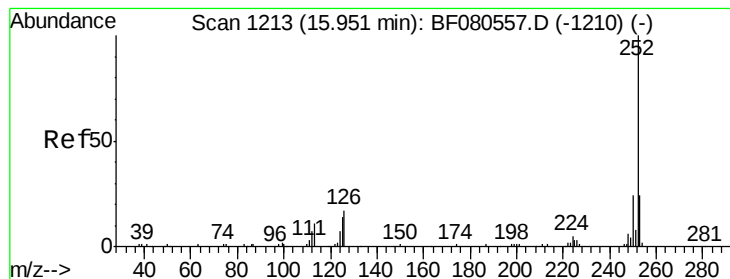


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 15.40 15.45 15.50





#89

Benzo(a)pyrene

Concen: 42.20 ng

RT: 15.84 min Scan# 1203

Delta R.T. -0.11 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

ICVBF072215

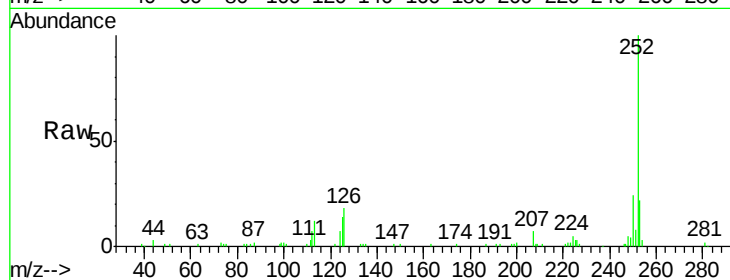
Tgt Ion:252 Resp: 102635

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.6

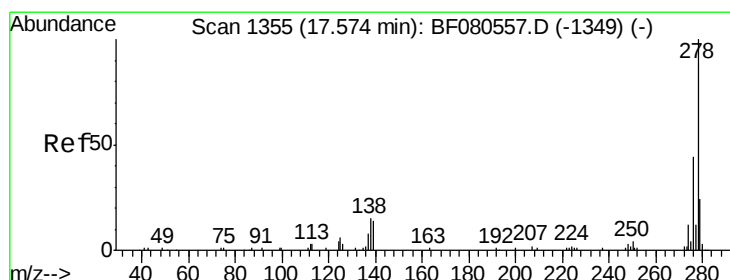
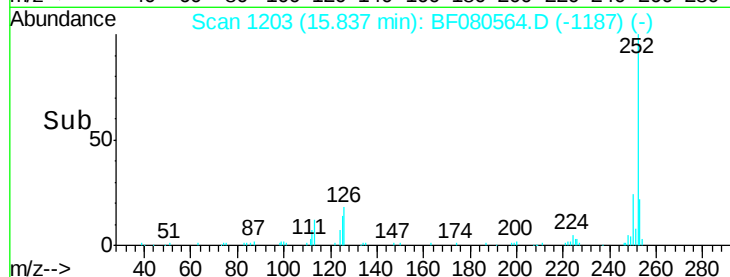
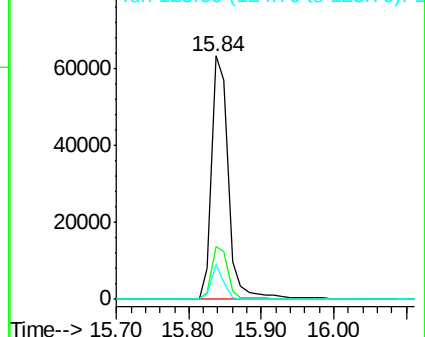
125 14.2 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.59 ng

RT: 17.45 min Scan# 1344

Delta R.T. -0.13 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

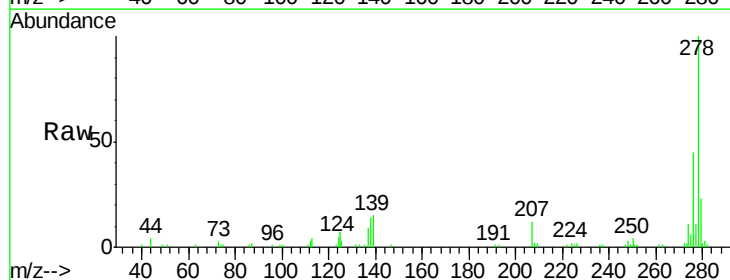
Tgt Ion:278 Resp: 88403

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

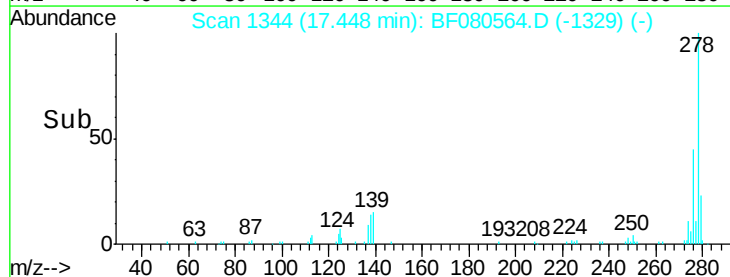
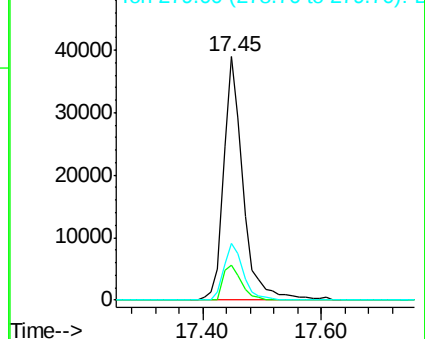
279 23.4 18.9 28.3

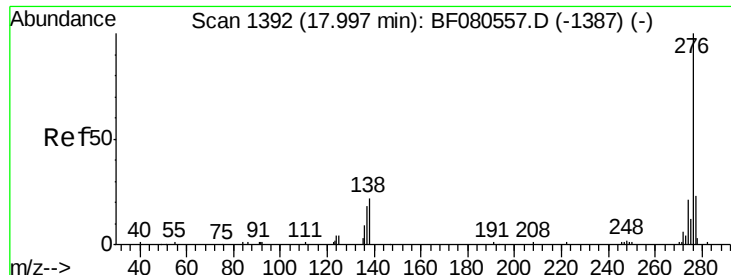


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.64 ng
 RT: 17.87 min Scan# 1381
 Delta R.T. -0.13 min
 Lab File: BF080564.D
 Acq: 22 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072215

Tgt Ion: 276 Resp: 90016
 Ion Ratio Lower Upper
 276 100
 277 22.7 18.0 27.0
 138 21.1 17.8 26.6

