

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080475.D
 Acq On : 15 Jul 2015 5:28
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Quant Time: Jul 15 07:17:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	18303	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	70847	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	34519	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	75010	20.00	ng	0.00
75) Chrysene-d12	14.53	240	76675	20.00	ng	0.06
86) Perylene-d12	16.29	264	88159	20.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.76	112	84130	75.13	ng	0.00
7) Phenol-d6	6.76	99	108460	79.15	ng	-0.01
23) Nitrobenzene-d5	7.69	82	106962	82.65	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	27120	83.12	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	194835	77.33	ng	0.00
78) Terphenyl-d14	13.30	244	234154	73.61	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	15188	33.67	ng	97
3) Pyridine	3.81	79	42205	39.70	ng	94
4) n-Nitrosodimethylamine	3.65	42	22883	38.24	ng	98
6) Aniline	6.80	93	78046	39.23	ng	99
8) 2-Chlorophenol	6.92	128	44799	38.13	ng	94
9) Benzaldehyde	6.68	77	32331	38.63	ng	99
10) Phenol	6.78	94	60259	38.14	ng	97
11) bis(2-Chloroethyl)ether	6.85	93	43805	36.48	ng	99
12) 1,3-Dichlorobenzene	7.07	146	52157	38.07	ng	99
13) 1,4-Dichlorobenzene	7.14	146	57607	38.68	ng	97
14) 1,2-Dichlorobenzene	7.30	146	56127	38.98	ng	99
15) Benzyl Alcohol	7.28	79	37258	37.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	75439	38.75	ng	86
17) 2-Methylphenol	7.39	107	35627	37.47	ng	92
18) Hexachloroethane	7.64	117	18694	38.10	ng	93
19) n-Nitroso-di-n-propylamine	7.53	70	33951	36.58	ng	98
20) 3+4-Methylphenols	7.54	107	53266	39.53	ng	93
22) Acetophenone	7.53	105	67223	40.44	ng	# 94
24) Nitrobenzene	7.71	77	56799	39.81	ng	99
25) Isophorone	7.94	82	99783	41.75	ng	98
26) 2-Nitrophenol	8.03	139	24634	39.80	ng	96
27) 2,4-Dimethylphenol	8.06	122	45503	40.09	ng	99
28) bis(2-Chloroethoxy)methane	8.14	93	53102	39.51	ng	99
29) 2,4-Dichlorophenol	8.27	162	40120	40.54	ng	93
30) 1,2,4-Trichlorobenzene	8.35	180	47432	38.52	ng	99
31) Naphthalene	8.43	128	145706	39.76	ng	100
32) Benzoic acid	8.16	122	20453	40.20	ng	98
33) 4-Chloroaniline	8.49	127	60028	41.15	ng	99
34) Hexachlorobutadiene	8.54	225	24139	38.70	ng	99
35) Caprolactam	8.83	113	10477	41.03	ng	# 57
36) 4-Chloro-3-methylphenol	8.97	107	39342	40.61	ng	# 75
37) 2-Methylnaphthalene	9.13	142	98009	39.26	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.29	216	43436	37.93	ng	99
40) Hexachlorocyclopentadiene	9.28	237	20010	41.54	ng	93

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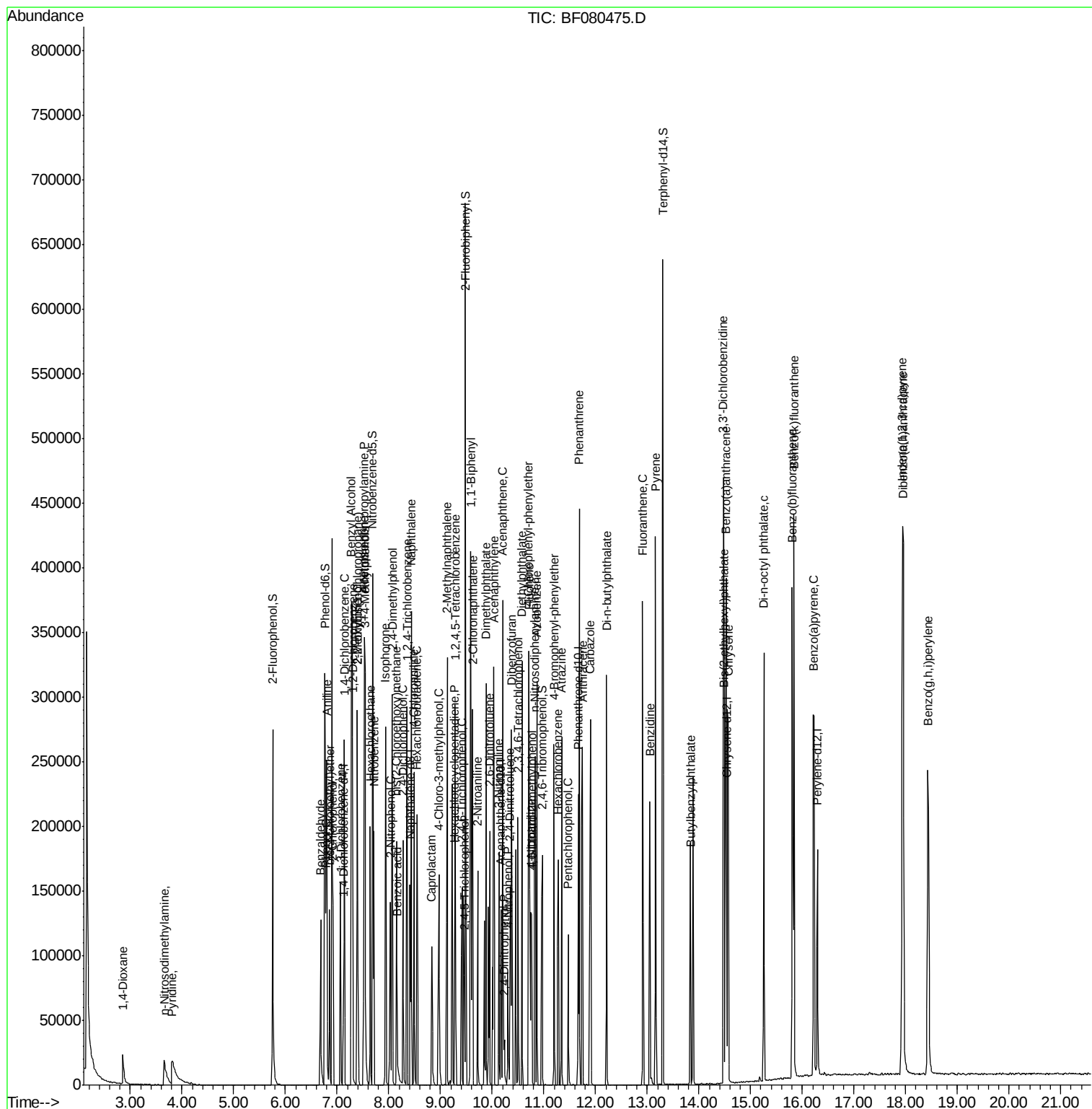
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	26240	36.85	ng	97
43) 2,4,5-Trichlorophenol	9.46	196	27190	37.90	ng	97
45) 1,1'-Biphenyl	9.58	154	117839	39.66	ng	98
46) 2-Chloronaphthalene	9.62	162	90948	37.27	ng	97
47) 2-Nitroaniline	9.72	65	26657	37.87	ng	91
48) Acenaphthylene	10.03	152	146818	39.78	ng	99
49) Dimethylphthalate	9.88	163	110153	40.32	ng	99
50) 2,6-Dinitrotoluene	9.95	165	23888	40.62	ng	# 84
51) Acenaphthene	10.20	154	87575	39.01	ng	98
52) 3-Nitroaniline	10.13	138	25355	40.06	ng	93
53) 2,4-Dinitrophenol	10.24	184	7815	39.68	ng	95
54) Dibenzofuran	10.37	168	123070	38.87	ng	99
55) 4-Nitrophenol	10.30	139	16413	37.96	ng	94
56) 2,4-Dinitrotoluene	10.35	165	26746	40.14	ng	# 21
57) Fluorene	10.72	166	99343	39.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.50	232	23838	41.03	ng	97
59) Diethylphthalate	10.58	149	106701	39.46	ng	100
60) 4-Chlorophenyl-phenylether	10.70	204	48681	40.78	ng	95
61) 4-Nitroaniline	10.75	138	23047	40.12	ng	96
62) Azobenzene	10.86	77	105458	40.81	ng	99
64) 4,6-Dinitro-2-methylphenol	10.76	198	14197	38.18	ng	86
65) n-Nitrosodiphenylamine	10.83	169	84704	34.77	ng	99
66) 4-Bromophenyl-phenylether	11.20	248	27141	36.29	ng	92
67) Hexachlorobenzene	11.28	284	29226	35.91	ng	96
68) Atrazine	11.34	200	27549	38.81	ng	99
69) Pentachlorophenol	11.47	266	13664	36.44	ng	97
70) Phenanthrene	11.69	178	155705	35.72	ng	99
71) Anthracene	11.74	178	144840	35.34	ng	99
72) Carbazole	11.91	167	136542	36.77	ng	100
73) Di-n-butylphthalate	12.21	149	154771	39.28	ng	# 97
74) Fluoranthene	12.91	202	158250	36.81	ng	93
76) Benzidine	13.05	184	87571	38.54	ng	99
77) Pyrene	13.16	202	170019	37.66	ng	100
79) Butylbenzylphthalate	13.84	149	59491	36.08	ng	98
80) Benzo(a)anthracene	14.52	228	173654	38.86	ng	99
81) 3,3'-Dichlorobenzidine	14.48	252	55301	39.16	ng	96
82) Chrysene	14.57	228	162687	38.08	ng	100
83) Bis(2-ethylhexyl)phthalate	14.49	149	91003	37.99	ng	99
84) Di-n-octyl phthalate	15.25	149	159837	37.15	ng	100
85) Indeno(1,2,3-cd)pyrene	17.94	276	257016	38.42	ng	99
87) Benzo(b)fluoranthene	15.80	252	202109	40.13	ng	98
88) Benzo(k)fluoranthene	15.84	252	172782	35.51	ng	99
89) Benzo(a)pyrene	16.23	252	186595	37.62	ng	# 96
90) Dibenzo(a,h)anthracene	17.95	278	209528	37.24	ng	98
91) Benzo(g,h,i)perylene	18.43	276	210494	35.75	ng	97

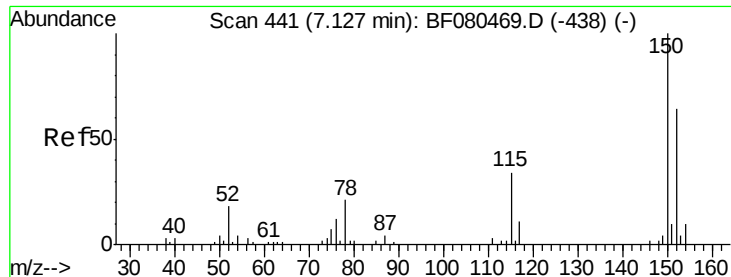
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

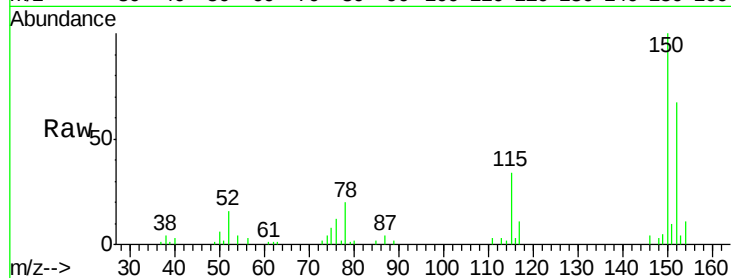
Tgt Ion:152 Resp: 18303

Ion Ratio Lower Upper

152 100

150 150.3 125.5 188.3

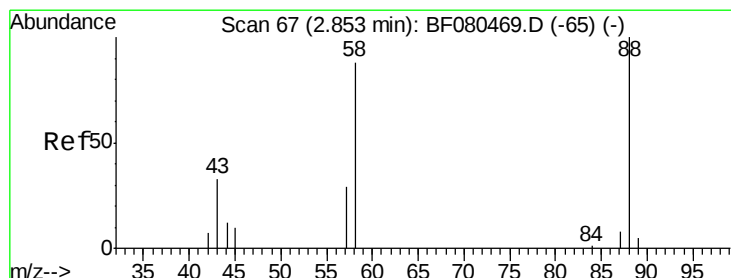
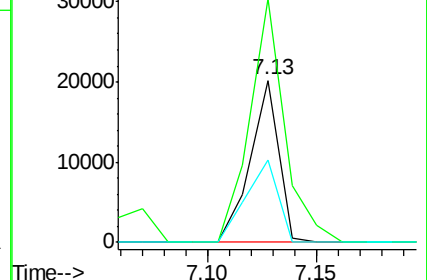
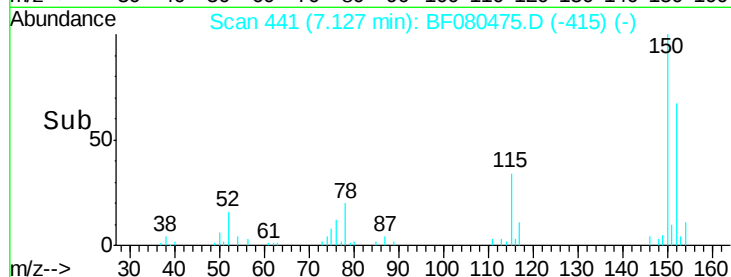
115 50.5 42.9 64.3



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: 33.67 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

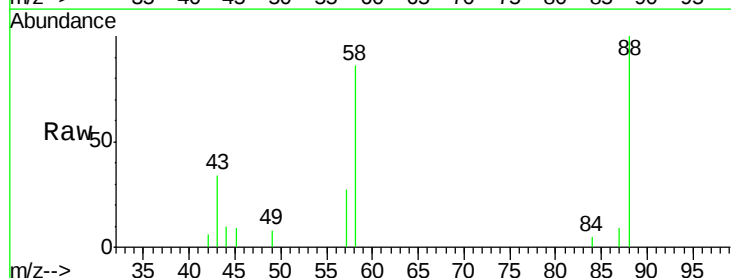
Tgt Ion: 88 Resp: 15188

Ion Ratio Lower Upper

88 100

58 81.3 67.3 100.9

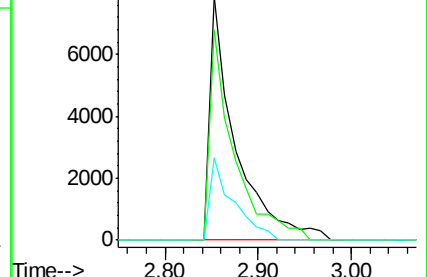
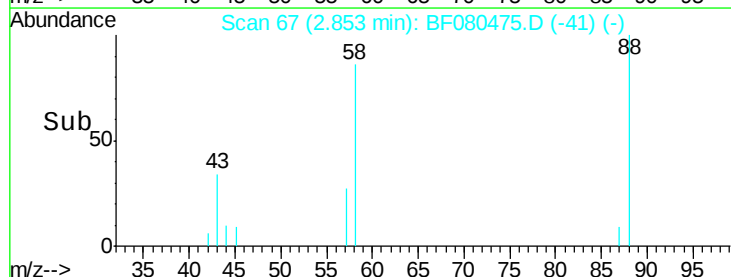
43 31.0 23.8 35.8

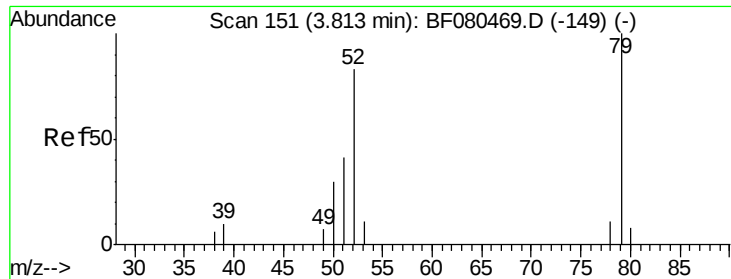


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.70 ng

RT: 3.81 min Scan# 151

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

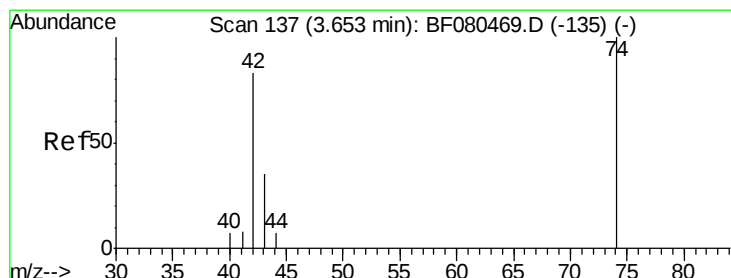
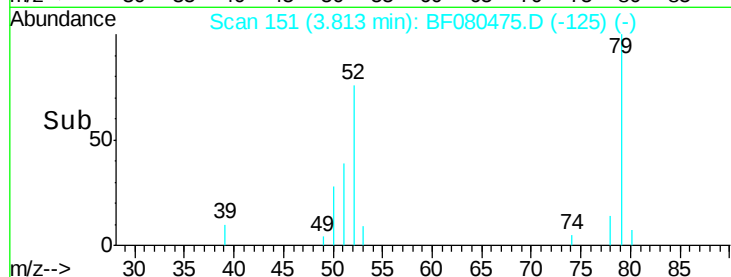
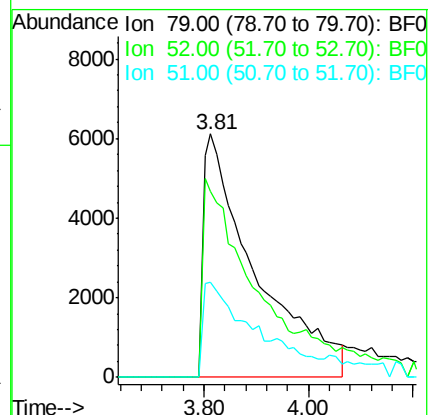
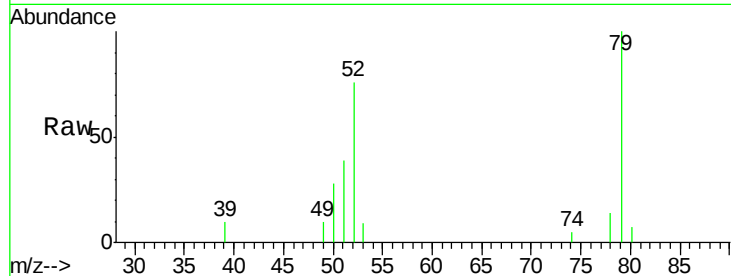
Tgt Ion: 79 Resp: 42205

Ion Ratio Lower Upper

79 100

52 76.3 66.6 99.8

51 39.2 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 38.24 ng

RT: 3.65 min Scan# 137

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

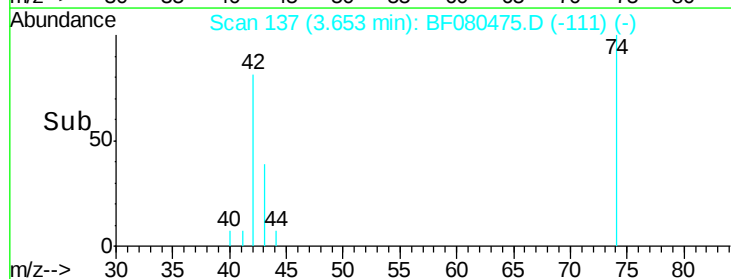
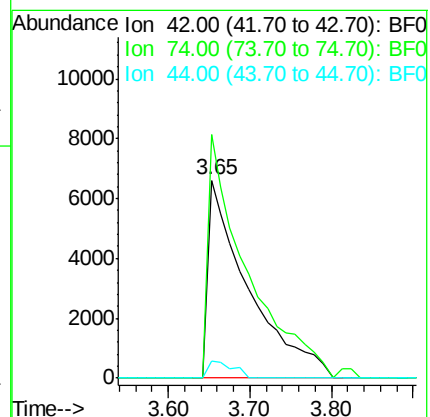
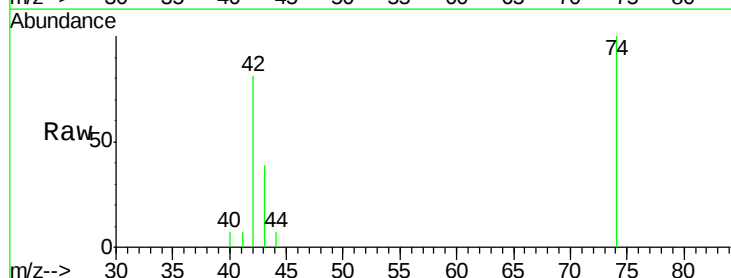
Tgt Ion: 42 Resp: 22883

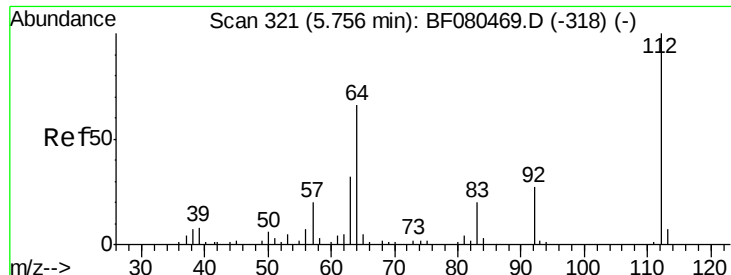
Ion Ratio Lower Upper

42 100

74 123.0 96.6 144.8

44 8.6 7.0 10.4





#5

2-Fluorophenol

Concen: 75.13 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

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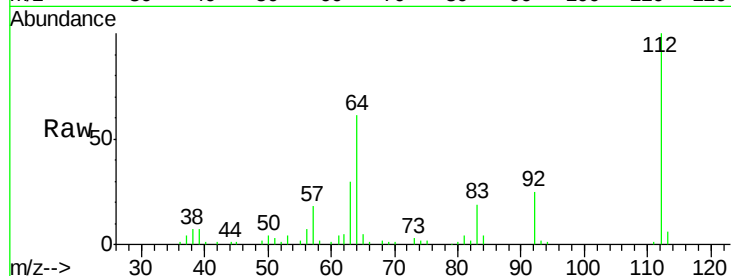
Tgt Ion: 112 Resp: 84130

Ion Ratio Lower Upper

112 100

64 61.2 52.6 79.0

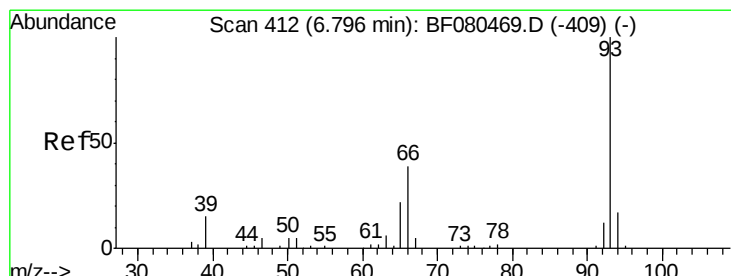
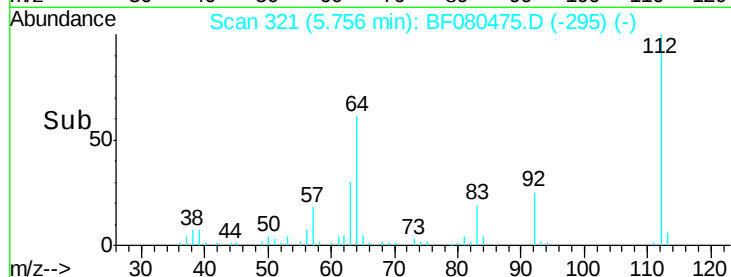
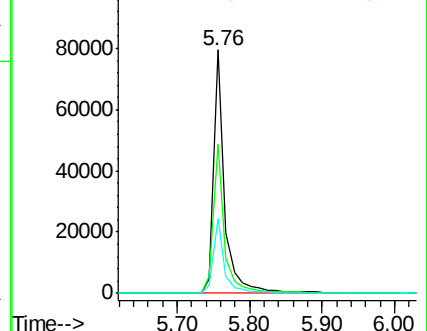
63 30.5 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.23 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

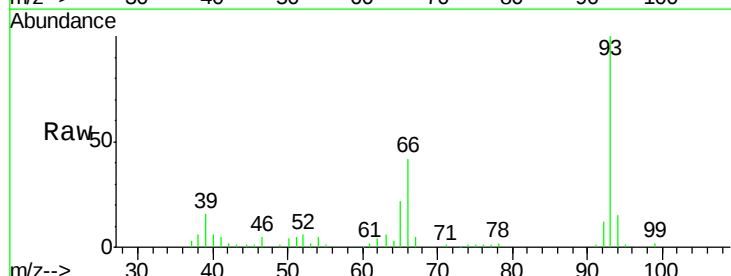
Tgt Ion: 93 Resp: 78046

Ion Ratio Lower Upper

93 100

66 41.9 34.5 51.7

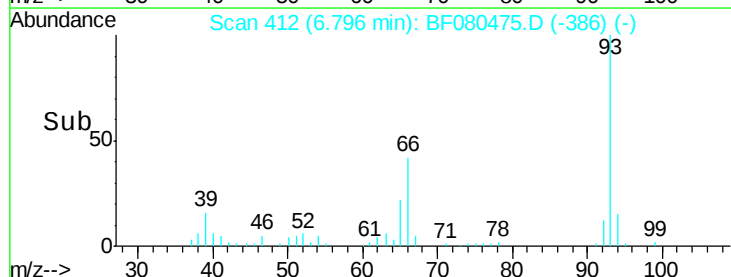
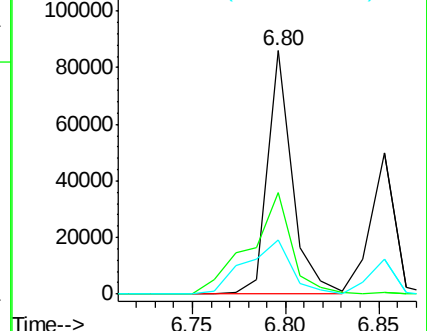
65 22.5 18.2 27.2

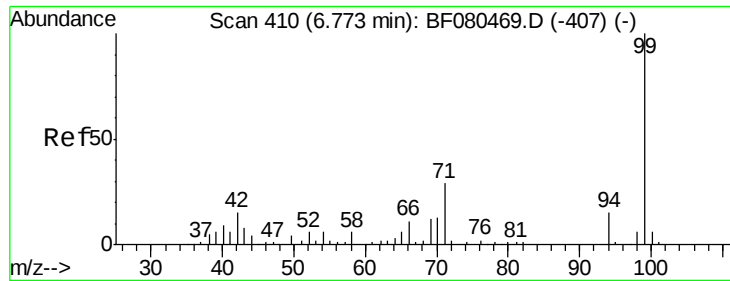


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.15 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080475.D

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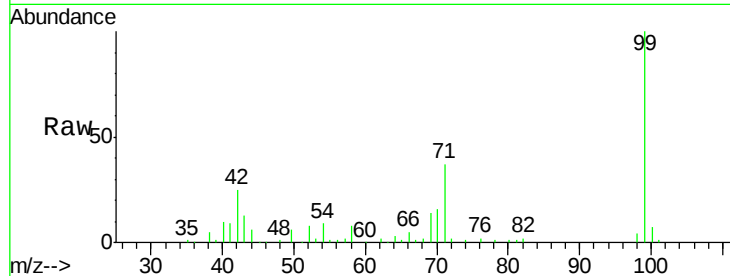
Tgt Ion: 99 Resp: 108460

Ion Ratio Lower Upper

99 100

42 24.6 12.4 18.6#

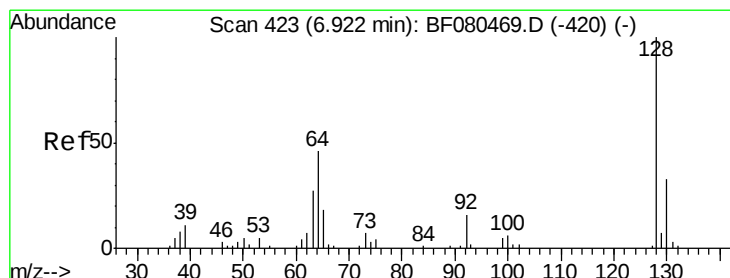
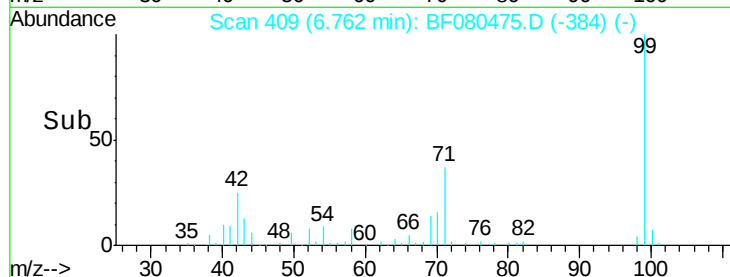
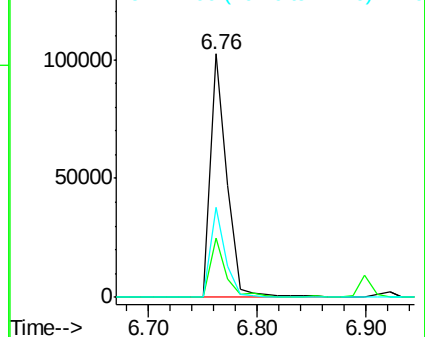
71 37.2 22.9 34.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.13 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

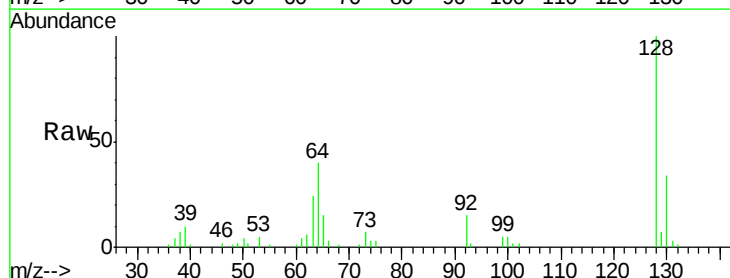
Tgt Ion: 128 Resp: 44799

Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

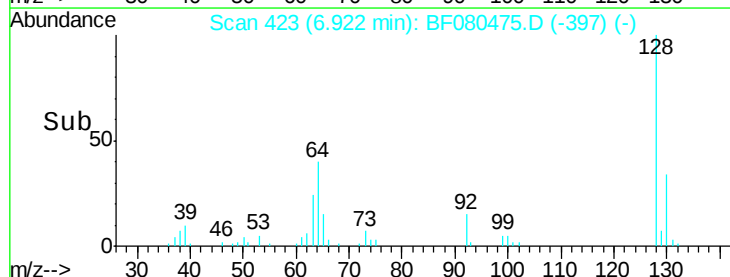
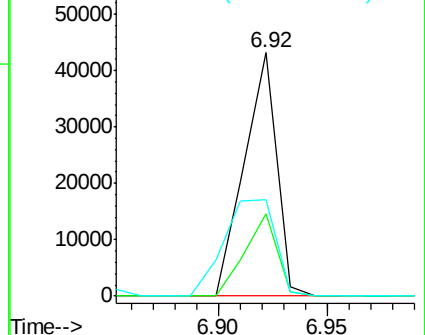
64 39.9 26.3 66.3

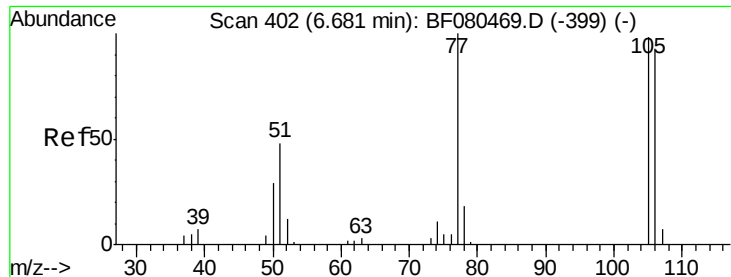


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.63 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

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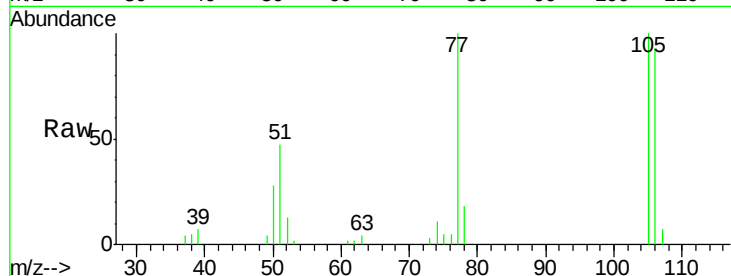
Tgt Ion: 77 Resp: 32331

Ion Ratio Lower Upper

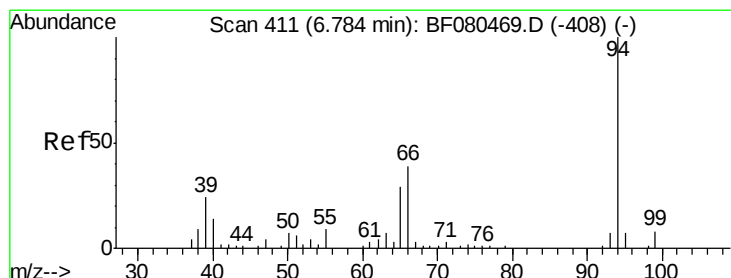
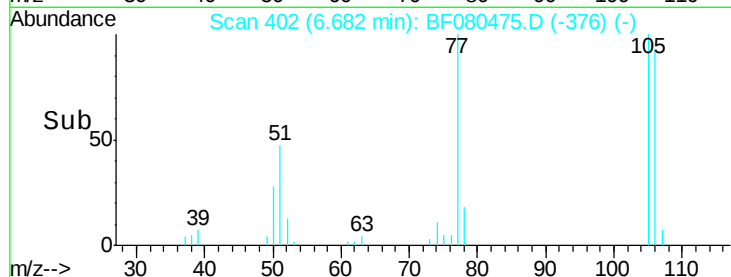
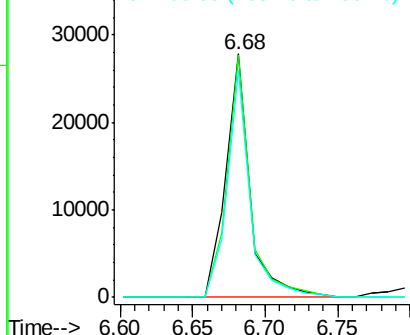
77 100

105 99.7 77.7 117.7

106 93.0 72.6 112.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.14 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

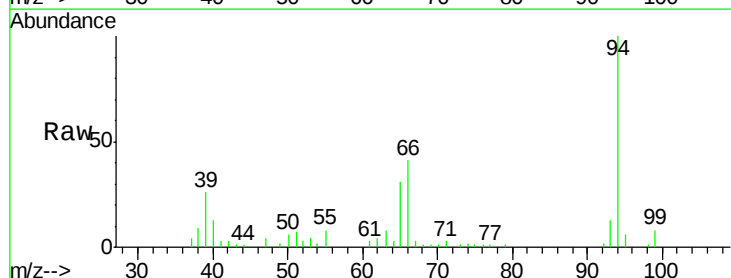
Tgt Ion: 94 Resp: 60259

Ion Ratio Lower Upper

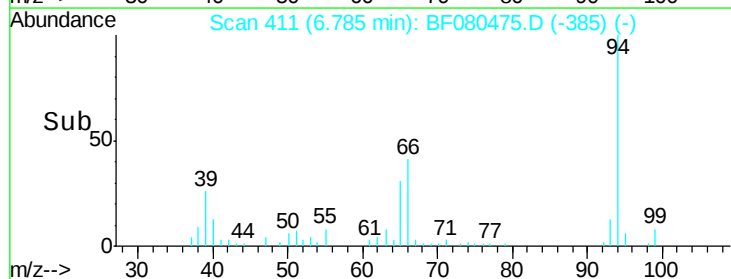
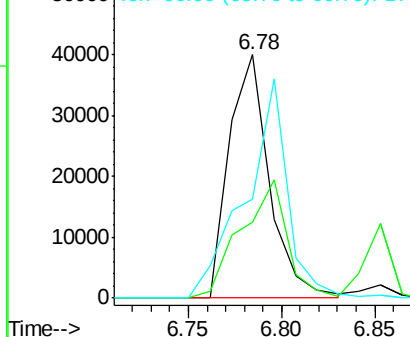
94 100

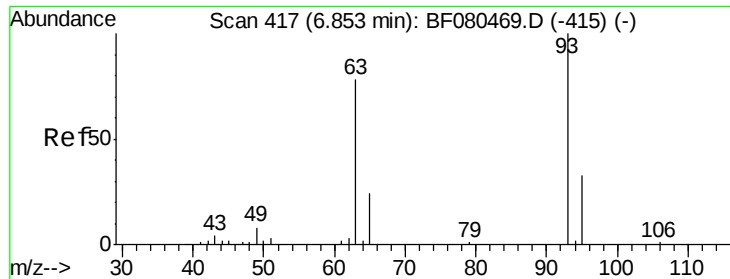
65 31.3 9.3 49.3

66 40.9 19.3 59.3



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

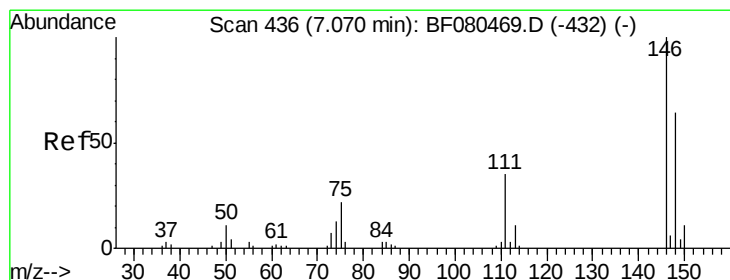
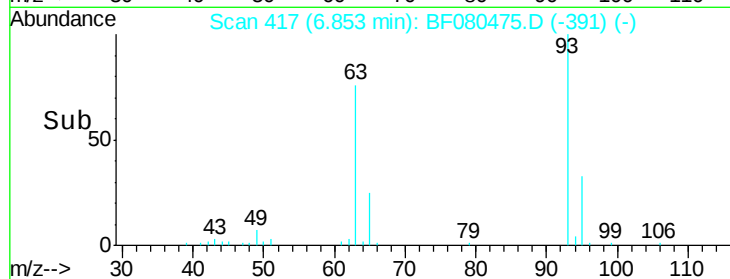
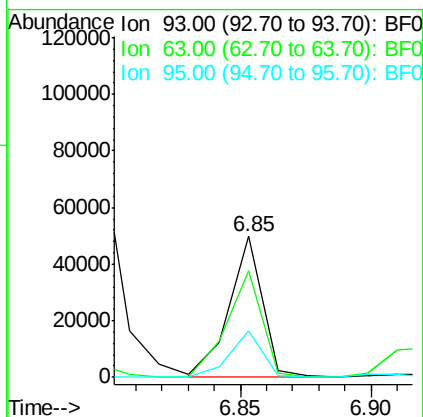
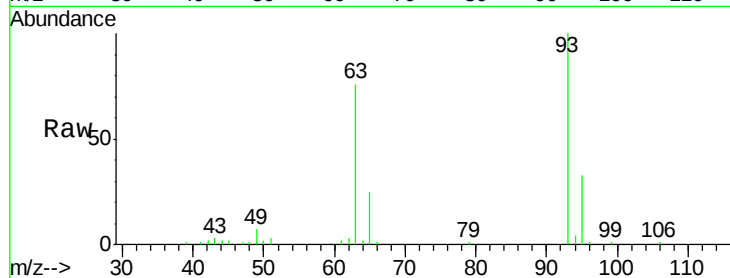




#11
bis(2-Chloroethyl)ether
Concen: 36.48 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

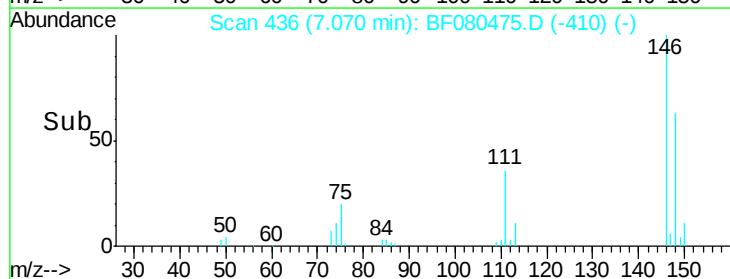
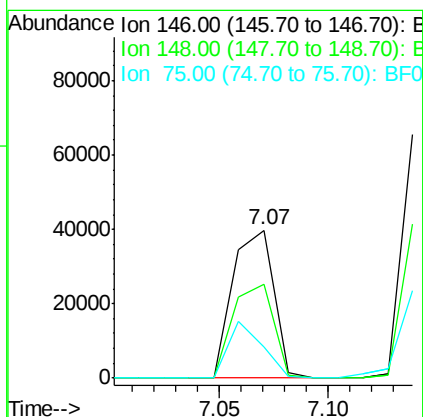
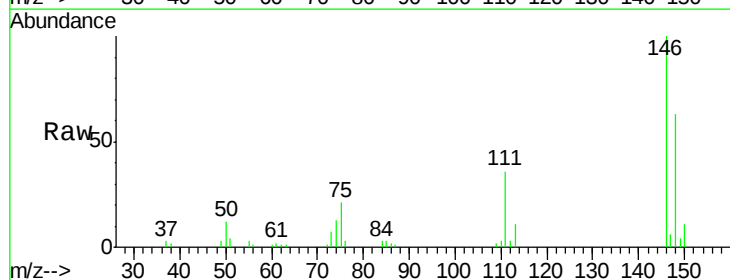
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

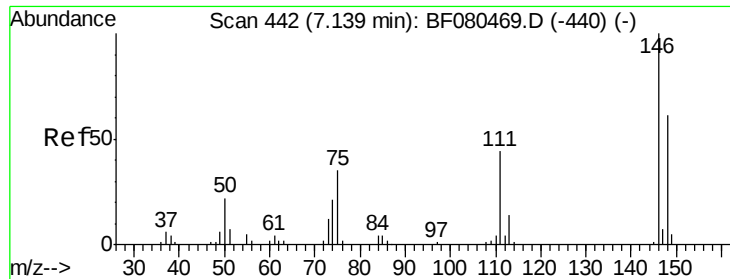
Tgt Ion: 93 Resp: 43805
Ion Ratio Lower Upper
93 100
63 75.9 56.4 96.4
95 33.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.07 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion: 146 Resp: 52157
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
75 21.3 17.3 25.9

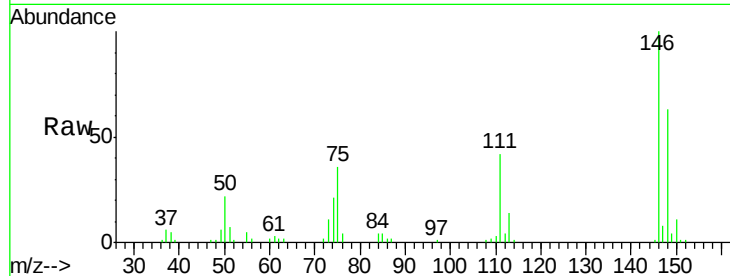




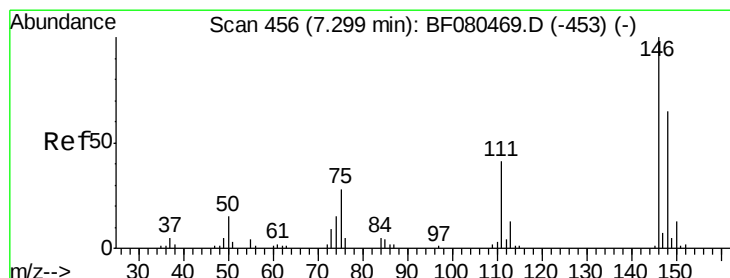
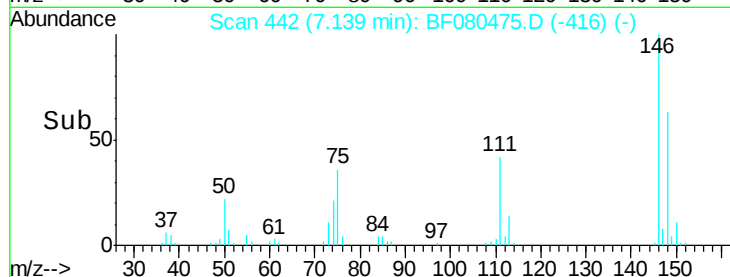
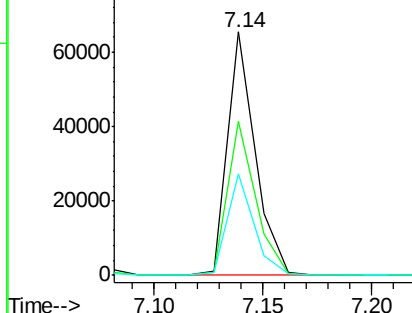
#13
 1,4-Dichlorobenzene
 Concen: 38.68 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:146 Resp: 57607
 Ion Ratio Lower Upper
 146 100
 148 63.1 48.5 72.7
 111 41.6 35.0 52.4

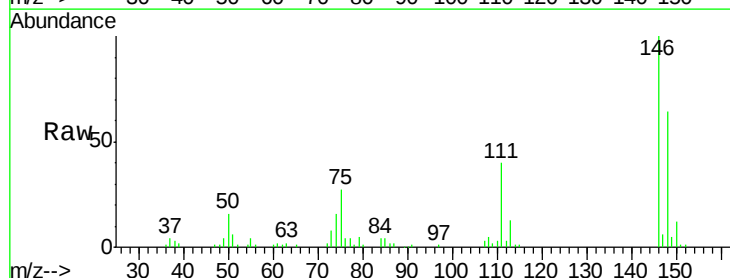


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

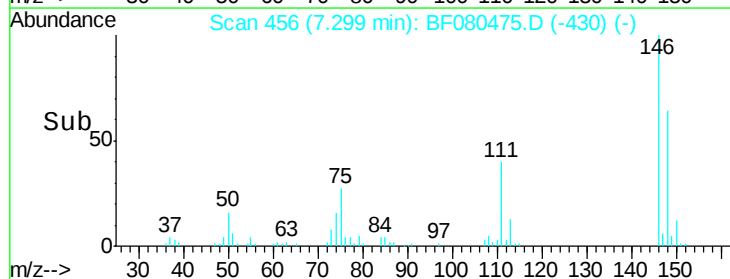
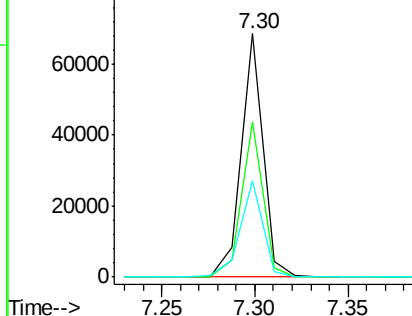


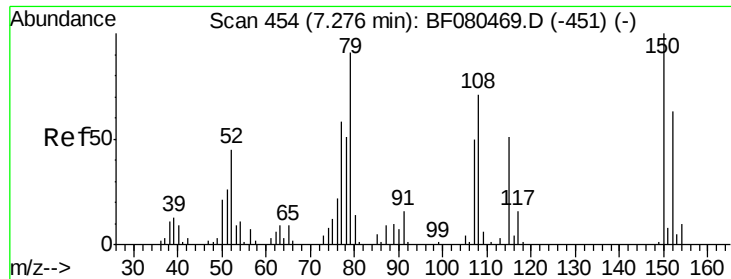
#14
 1,2-Dichlorobenzene
 Concen: 38.98 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:146 Resp: 56127
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.7 77.5
 111 39.7 32.6 49.0



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

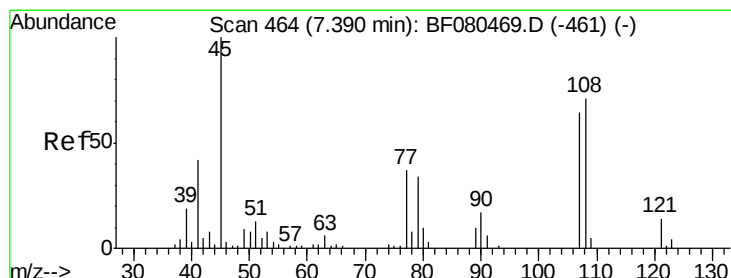
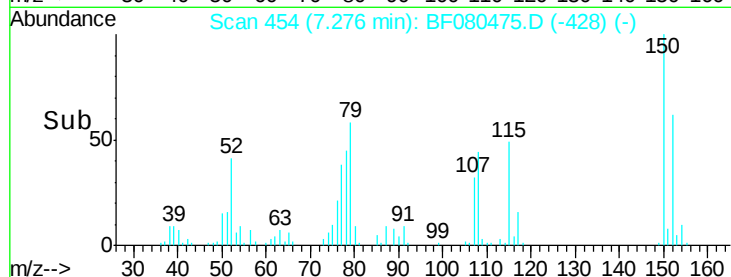
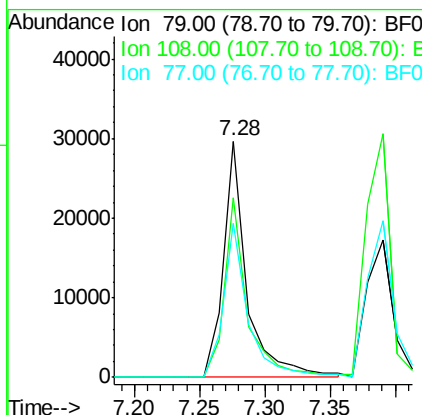
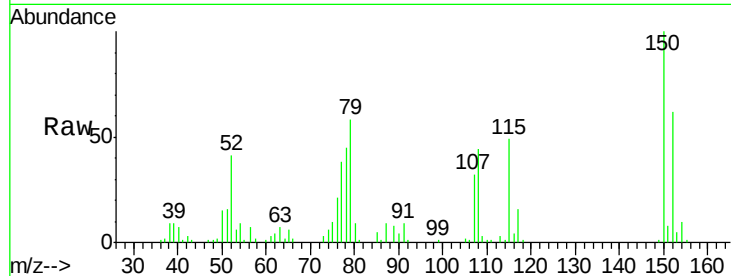




#15
Benzyl Alcohol
Concen: 37.99 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

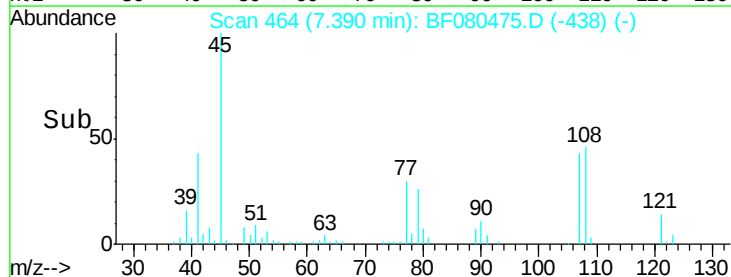
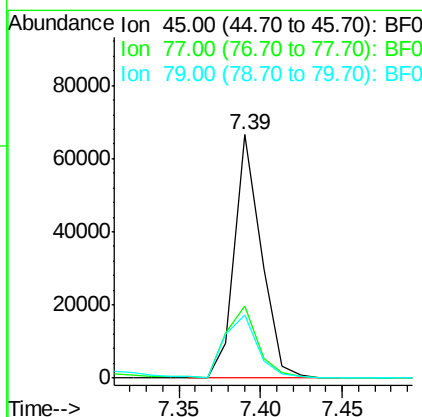
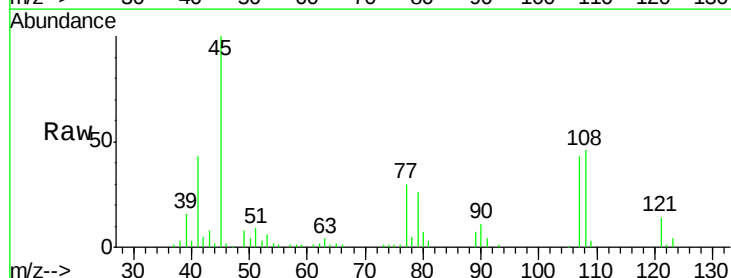
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

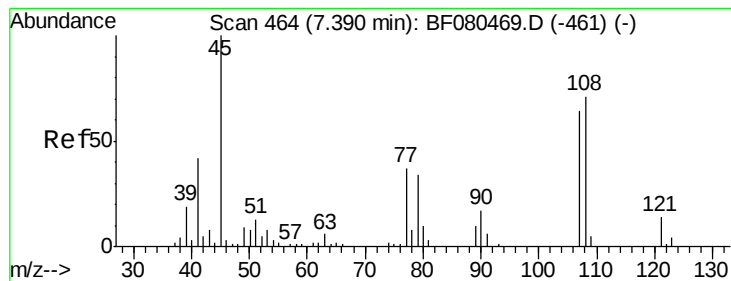
Tgt Ion: 79 Resp: 37258
Ion Ratio Lower Upper
79 100
108 75.8 63.0 94.4
77 65.0 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.75 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion: 45 Resp: 75439
Ion Ratio Lower Upper
45 100
77 29.6 17.4 57.4
79 26.0 14.7 54.7

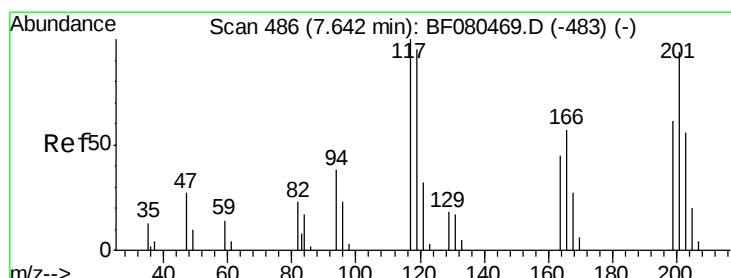
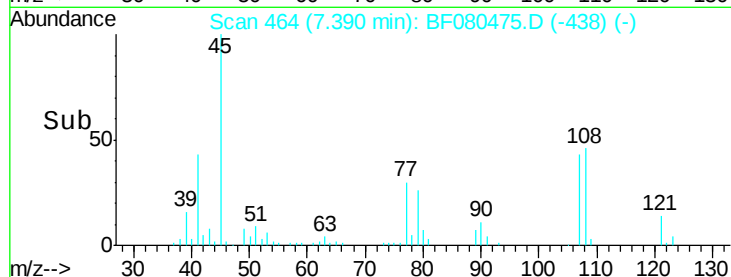
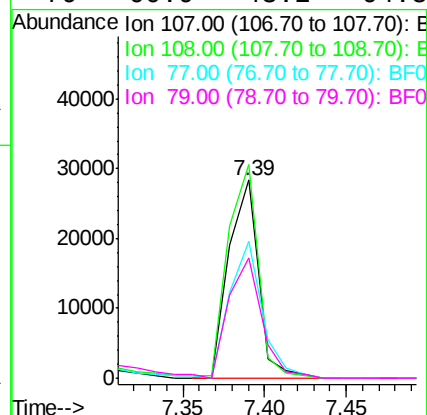
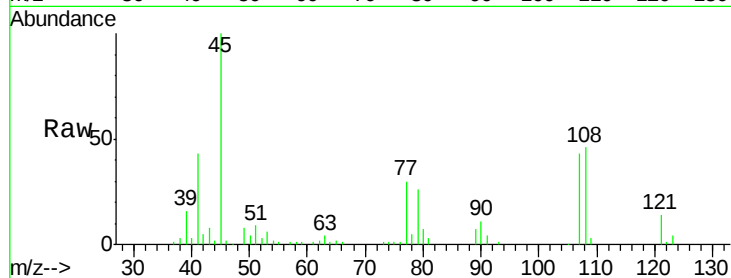




#17
 2-Methylphenol
 Concen: 37.47 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

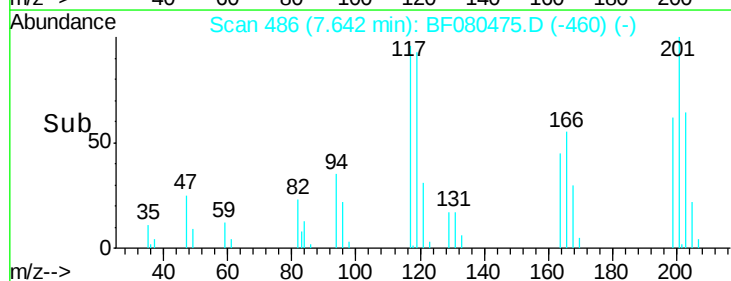
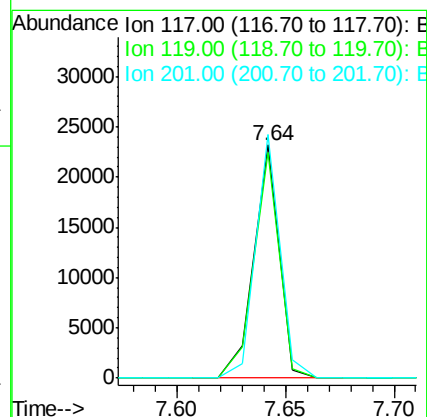
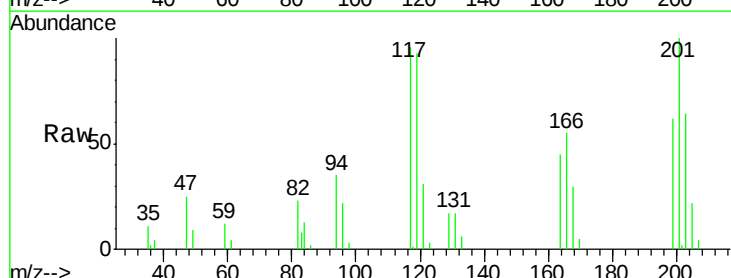
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

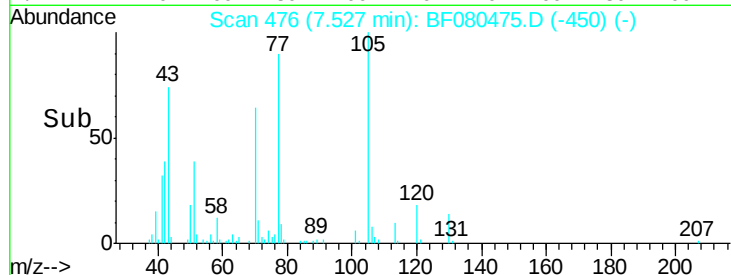
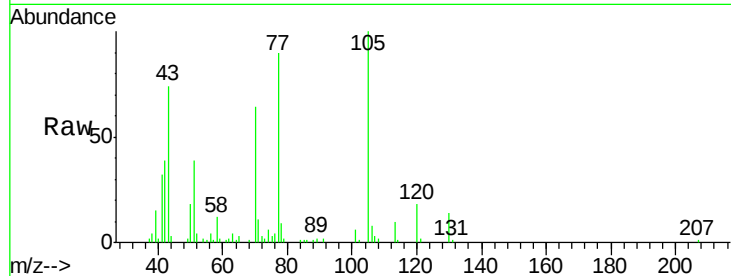
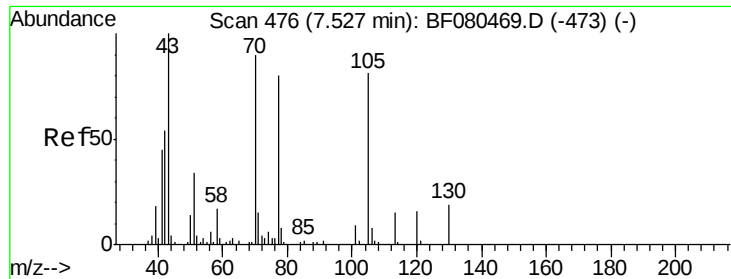
Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.9	89.0	133.4
77	69.5	46.6	70.0
79	60.9	43.2	64.8



#18
 Hexachloroethane
 Concen: 38.10 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.6	113.4
201	104.4	75.0	112.6

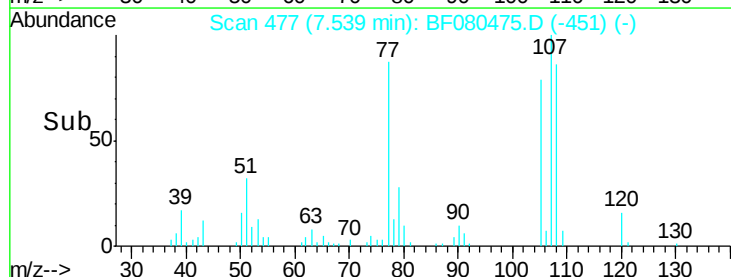
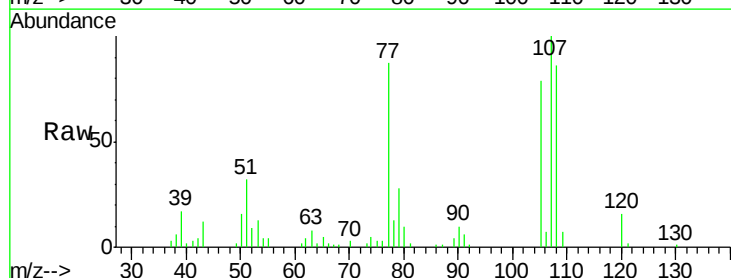
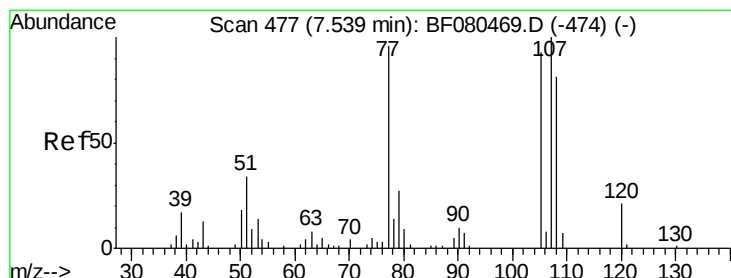
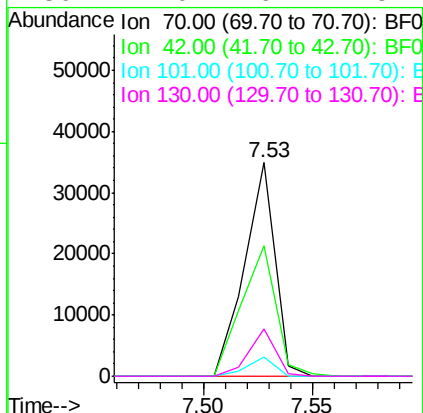




#19
n-Nitroso-di-n-propylamine
Concen: 36.58 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

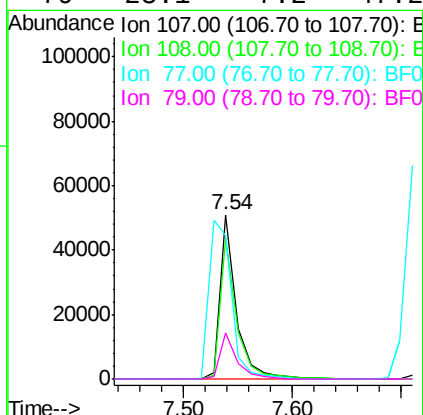
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

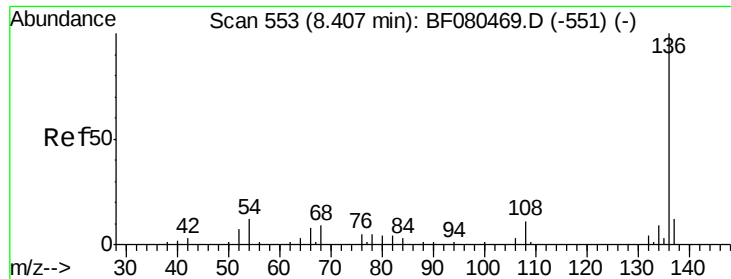
Tgt Ion:	70	Resp:	33951
Ion	Ratio	Lower	Upper
70	100		
42	61.3	48.0	72.0
101	8.8	7.8	11.6
130	22.0	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.53 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:	107	Resp:	53266
Ion	Ratio	Lower	Upper
107	100		
108	86.0	61.4	101.4
77	87.4	76.4	116.4
79	28.1	7.2	47.2

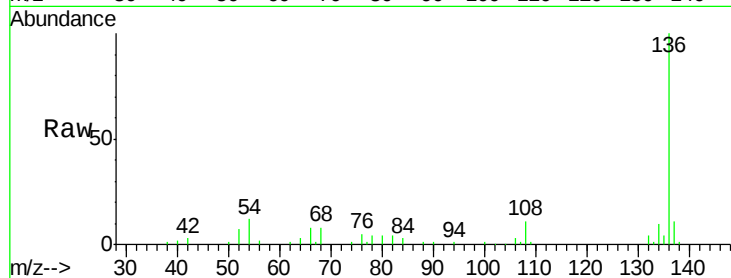




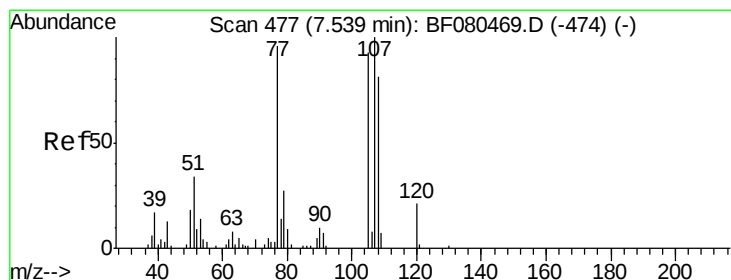
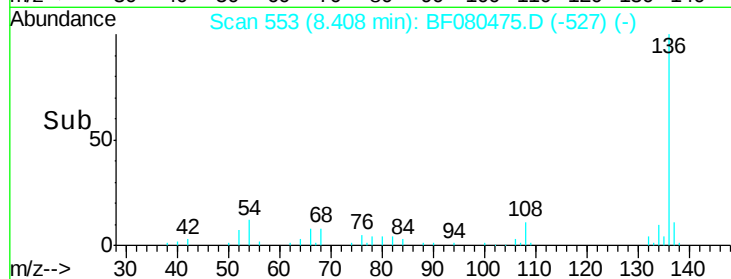
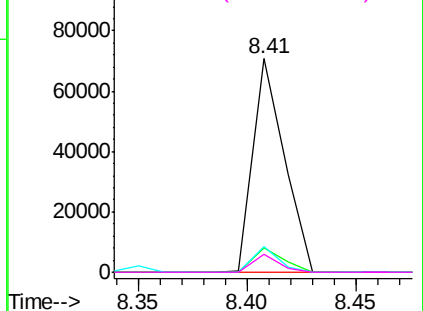
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
ICVBF071415

Tgt Ion:	136	Resp:	70847
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	12.1	9.8	14.8
68	8.2	7.0	10.4

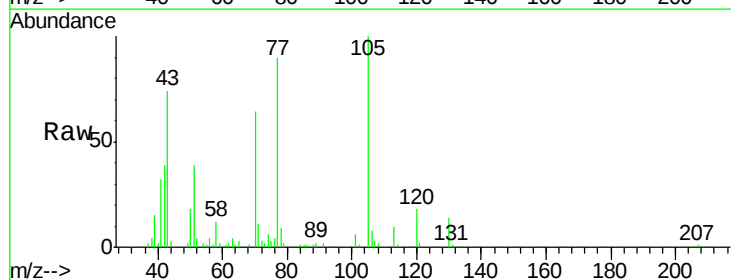


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

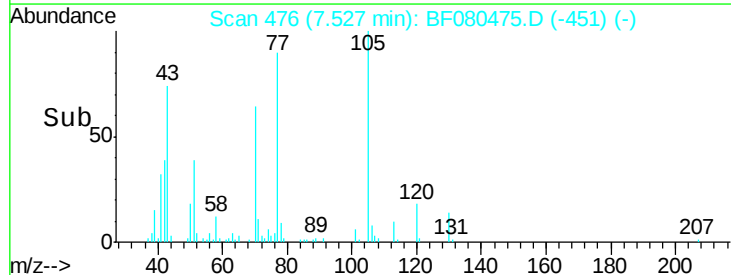
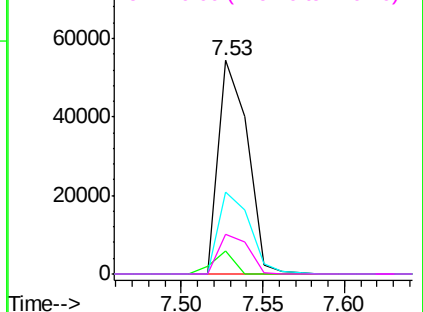


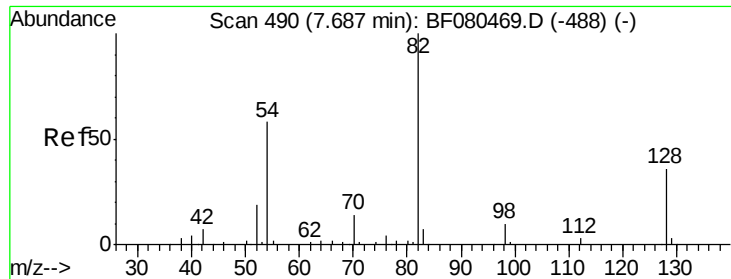
#22
Acetophenone
Concen: 40.44 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:	105	Resp:	67223
Ion	Ratio	Lower	Upper
105	100		
71	10.7	0.0	0.0#
51	38.6	29.0	43.6
120	18.3	18.3	27.5#



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

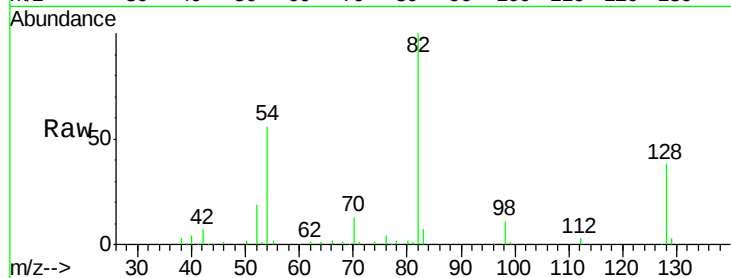




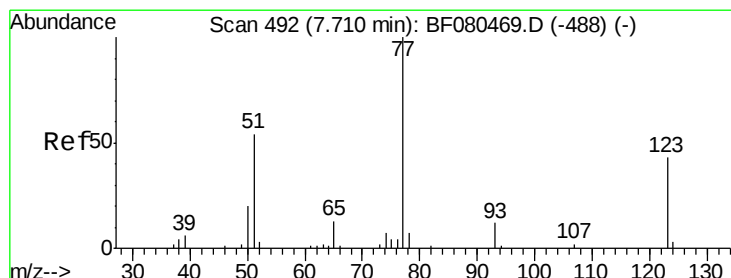
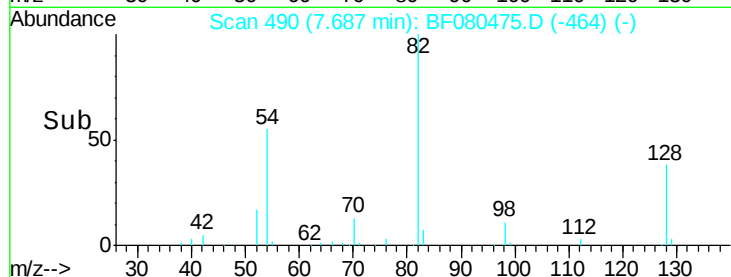
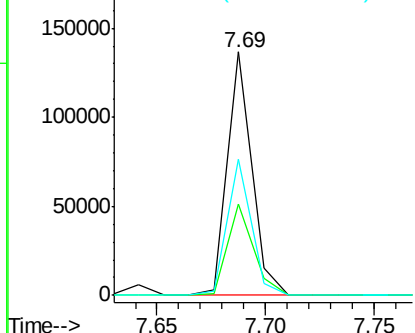
#23
 Nitrobenzene-d5
 Concen: 82.65 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.0	43.4
54	55.8	46.4	69.6

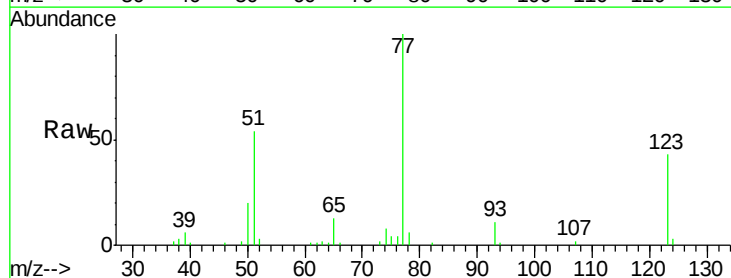


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

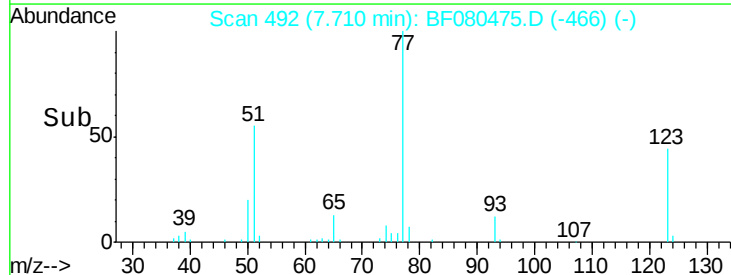
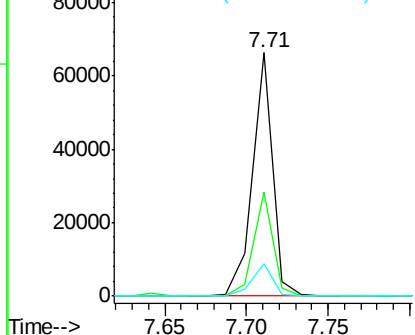


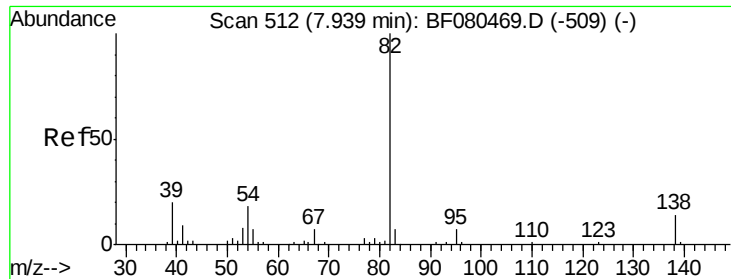
#24
 Nitrobenzene
 Concen: 39.81 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.6	51.8
65	13.2	10.2	15.2



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: 41.75 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

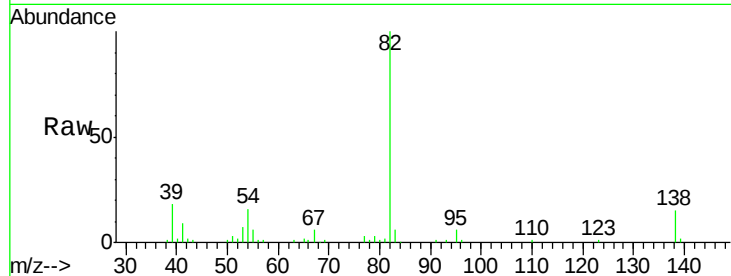
Tgt Ion: 82 Resp: 99783

Ion Ratio Lower Upper

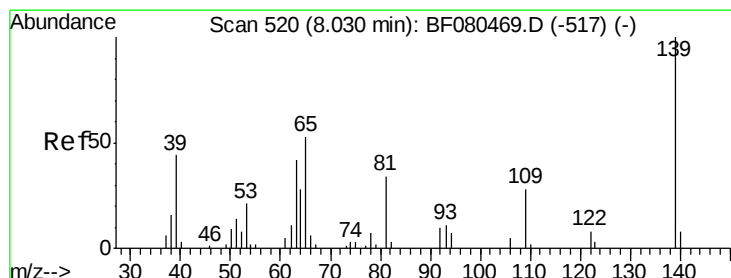
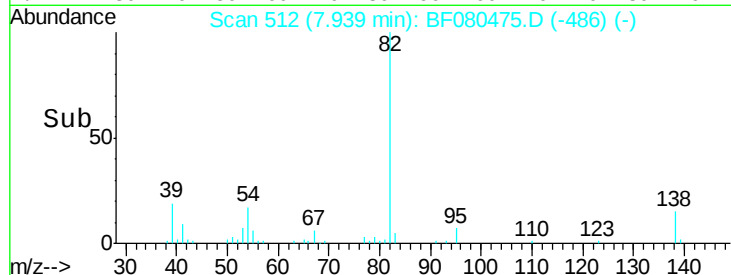
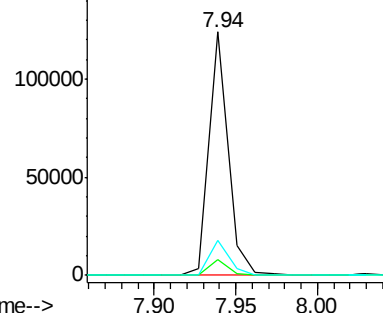
82 100

95 6.3 5.5 8.3

138 14.6 10.8 16.2



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: 39.80 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

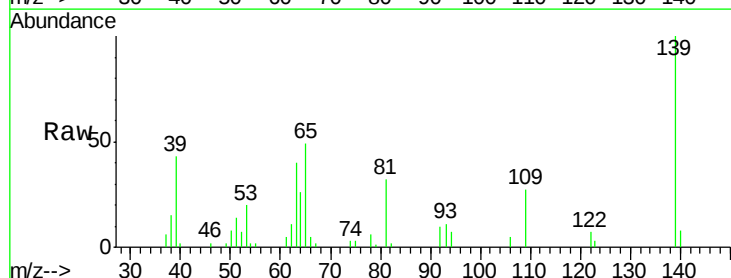
Tgt Ion: 139 Resp: 24634

Ion Ratio Lower Upper

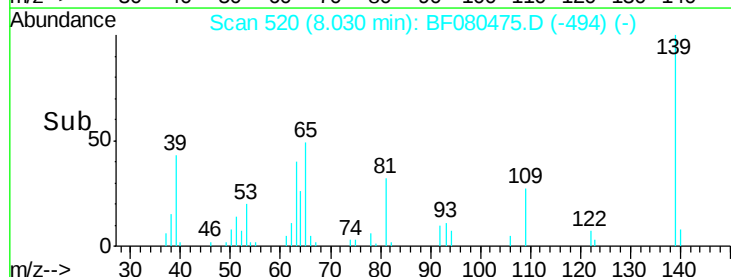
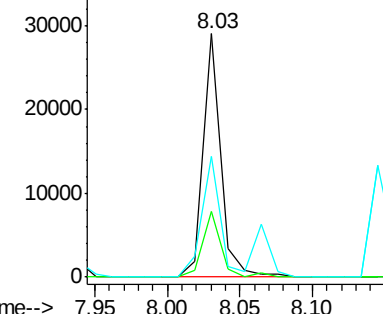
139 100

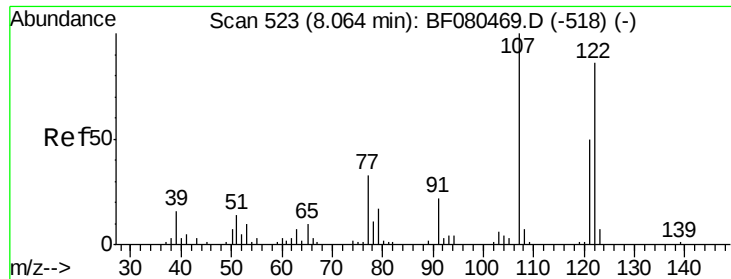
109 27.1 22.6 33.8

65 49.4 42.4 63.6



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

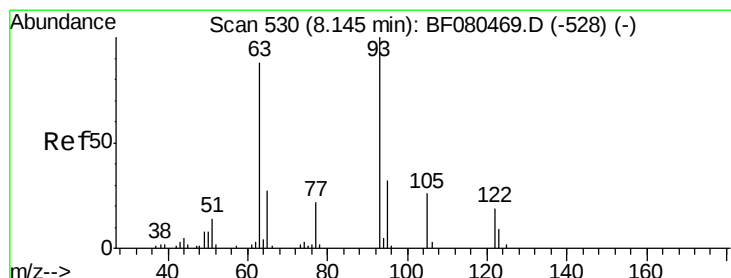
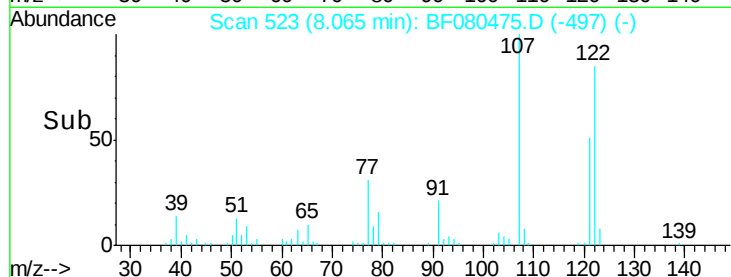
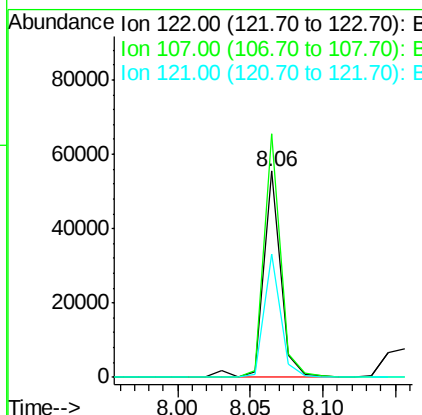
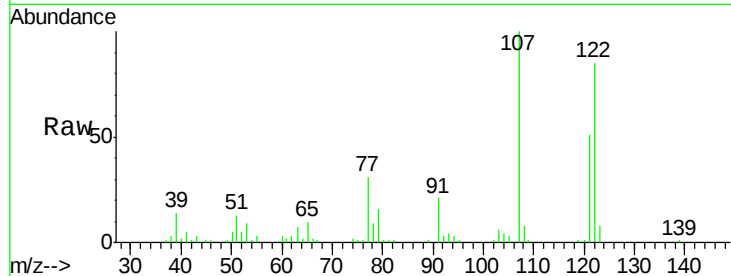




#27
 2,4-Dimethylphenol
 Concen: 40.09 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

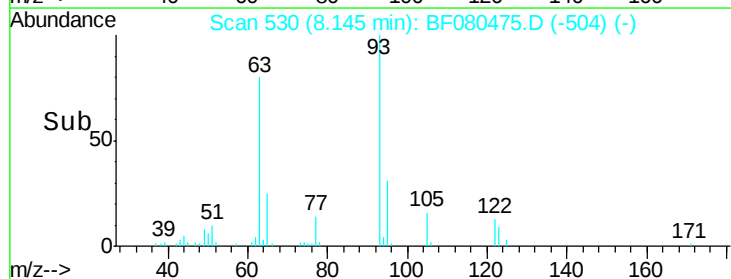
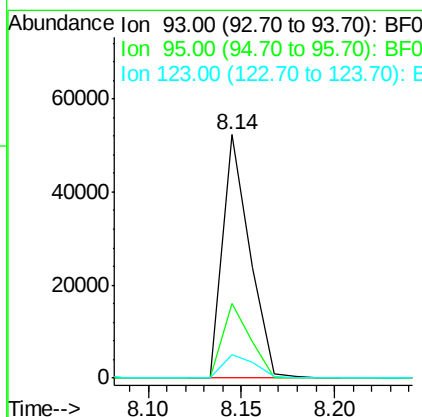
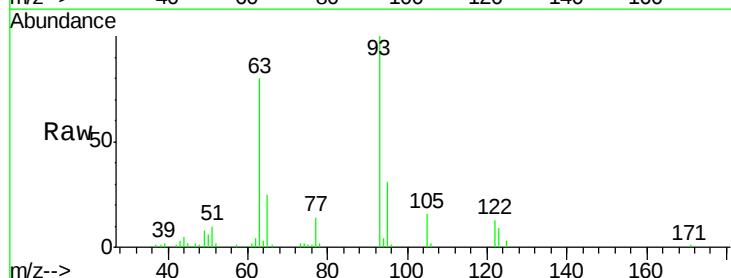
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

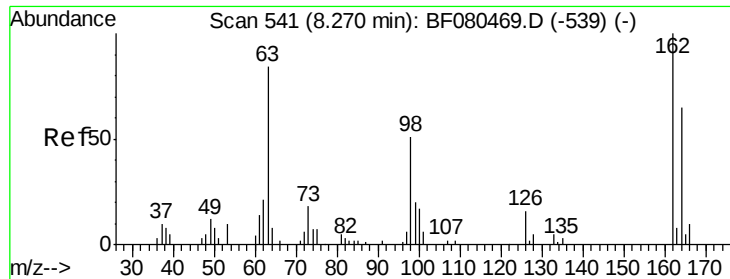
Tgt Ion:122 Resp: 45503
 Ion Ratio Lower Upper
 122 100
 107 118.0 93.3 139.9
 121 59.8 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.51 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion: 93 Resp: 53102
 Ion Ratio Lower Upper
 93 100
 95 30.9 25.4 38.2
 123 9.4 7.5 11.3

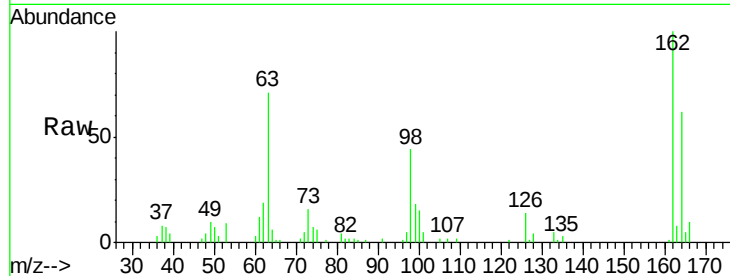




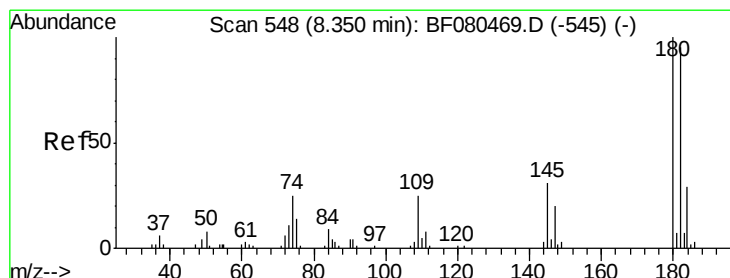
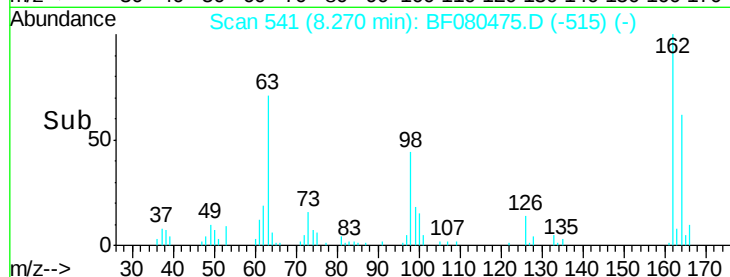
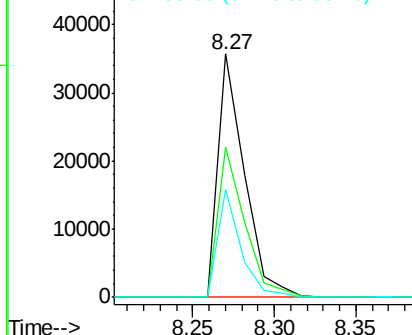
#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 8.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:162 Resp: 40120
 Ion Ratio Lower Upper
 162 100
 164 61.5 44.7 84.7
 98 44.4 31.5 71.5

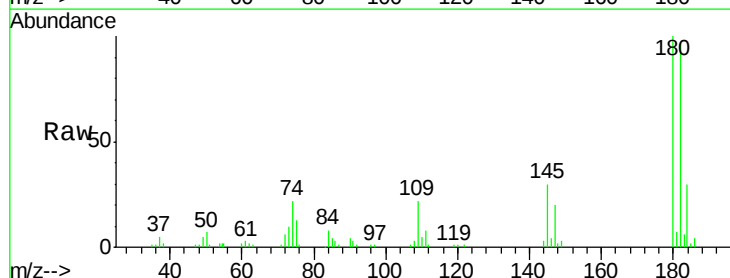


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

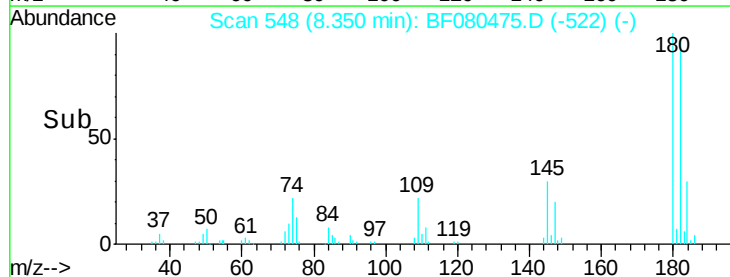
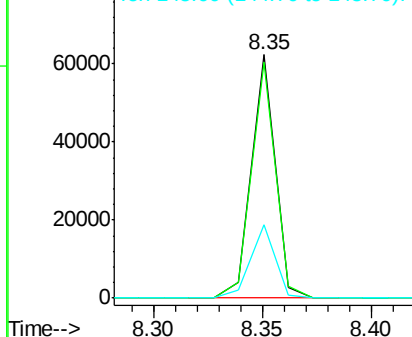


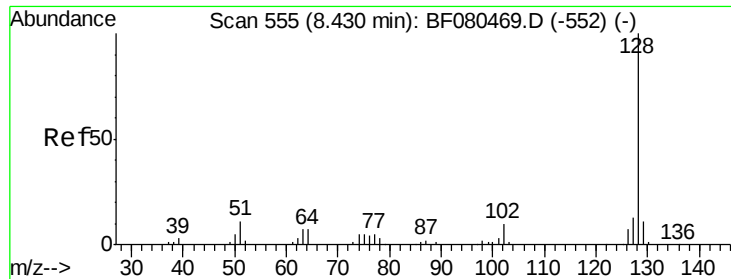
#30
 1,2,4-Trichlorobenzene
 Concen: 38.52 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:180 Resp: 47432
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 30.3 24.8 37.2



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

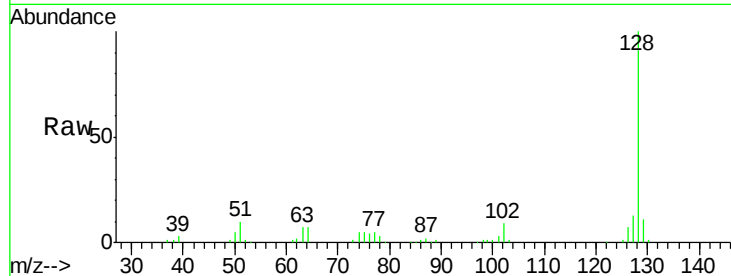




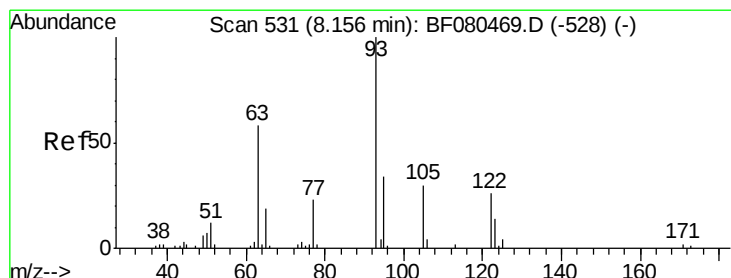
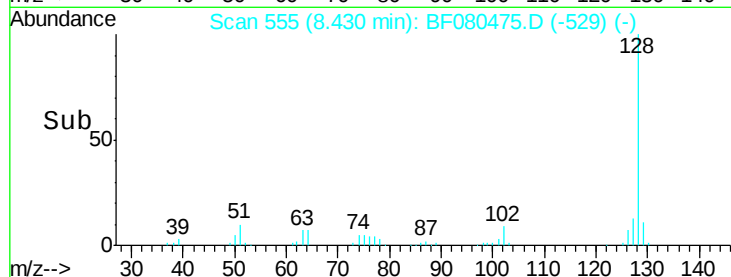
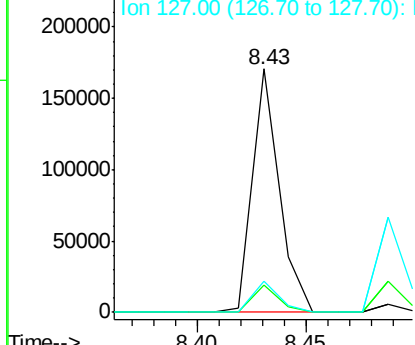
#31
Naphthalene
Concen: 39.76 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
ICVBF071415

Tgt Ion:128 Resp: 145706
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.7 10.2 15.2

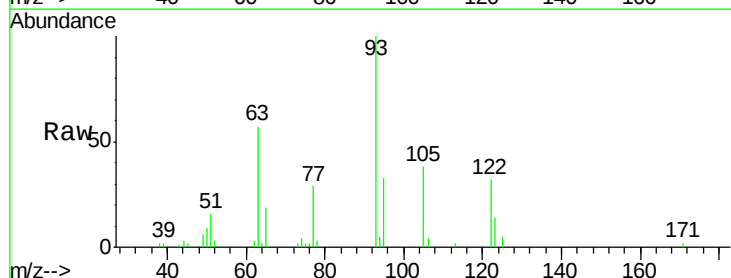


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

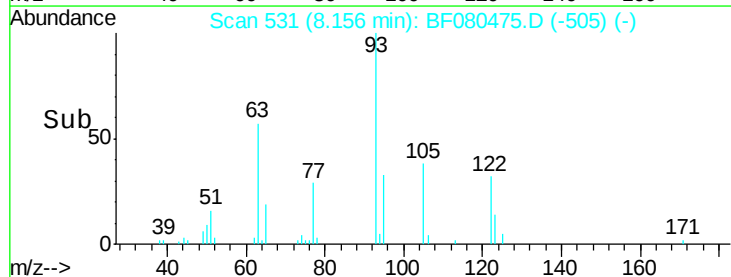
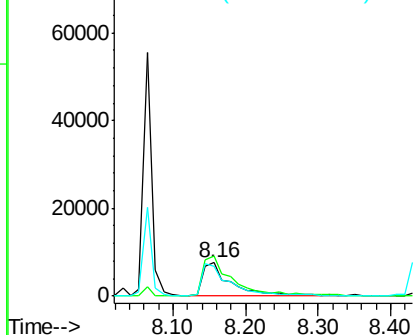


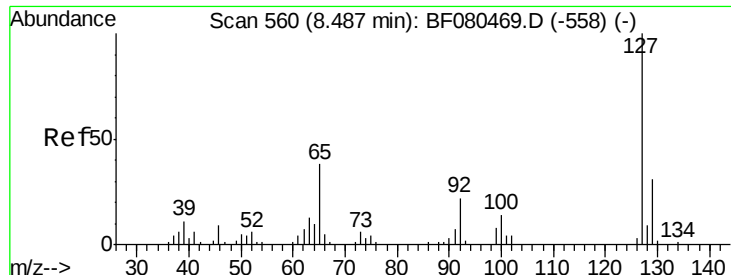
#32
Benzoic acid
Concen: 40.20 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:122 Resp: 20453
Ion Ratio Lower Upper
122 100
105 119.4 95.4 135.4
77 90.6 70.0 110.0



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

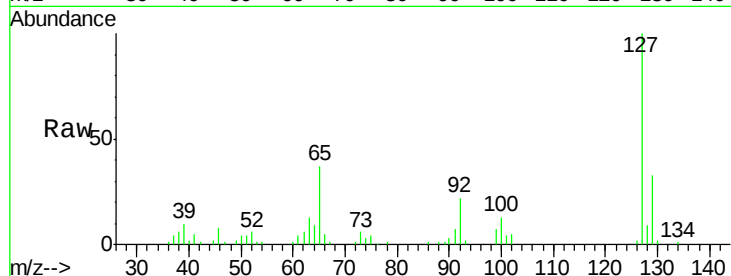




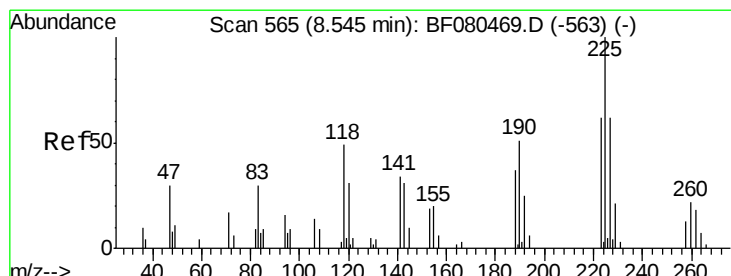
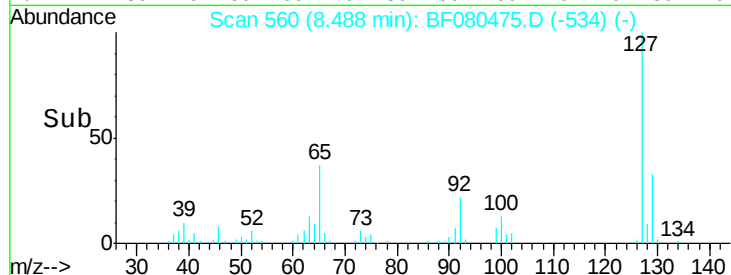
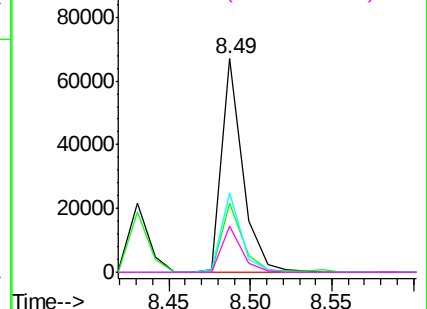
#33
4-Chloroaniline
Concen: 41.15 ng
RT: 8.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
ICVBF071415

Tgt Ion:	127	Resp:	60028
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.1	37.7
65	37.3	30.0	45.0
92	21.8	17.4	26.0

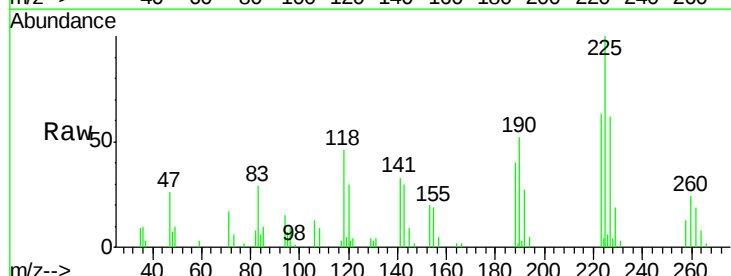


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

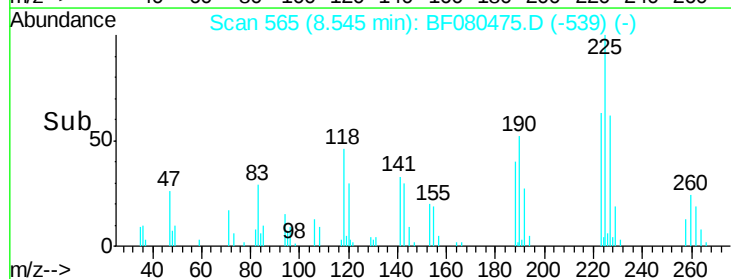
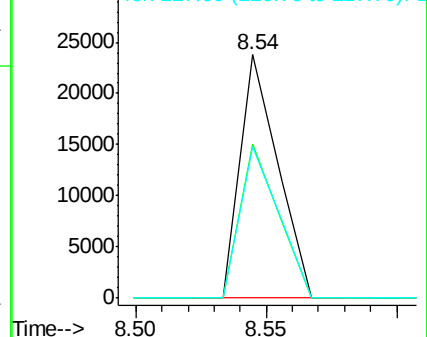


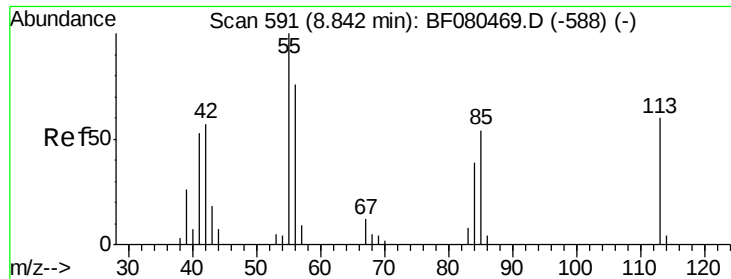
#34
Hexachlorobutadiene
Concen: 38.70 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:	225	Resp:	24139
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.9	74.9
227	62.2	49.2	73.8



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

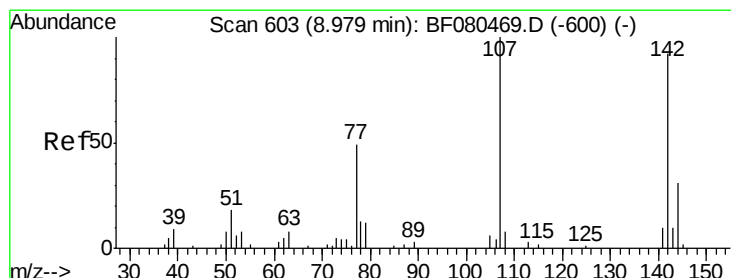
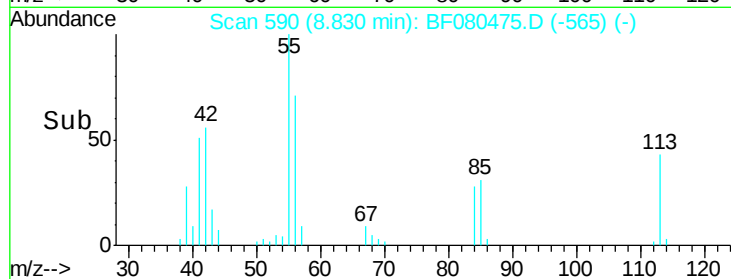
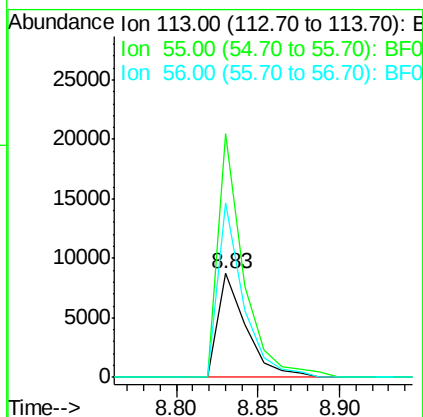
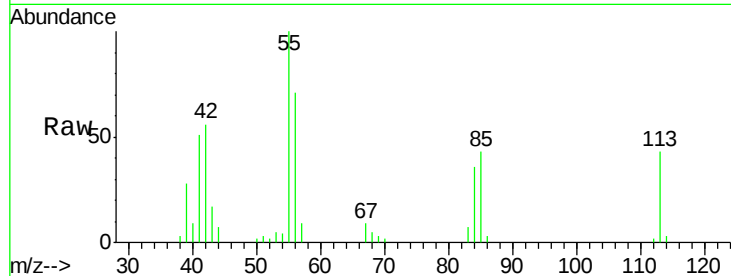




#35
 Caprolactam
 Concen: 41.03 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

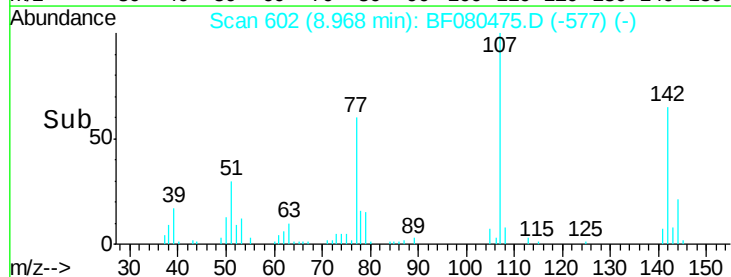
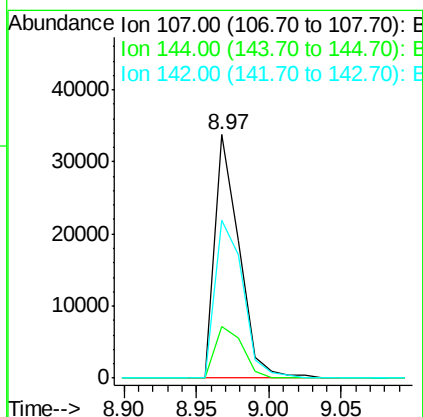
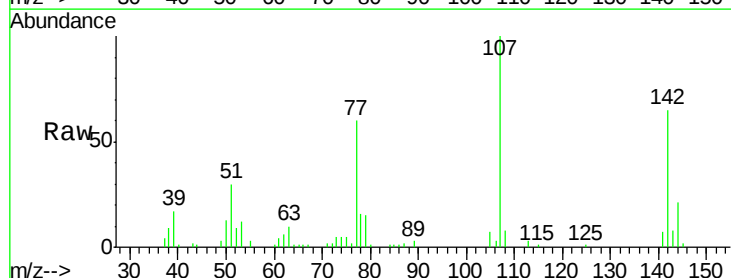
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

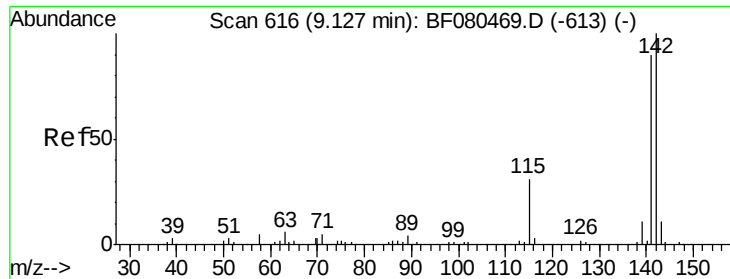
Tgt Ion:113 Resp: 10477
 Ion Ratio Lower Upper
 113 100
 55 234.5 147.5 187.5#
 56 167.5 106.7 146.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.61 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:107 Resp: 39342
 Ion Ratio Lower Upper
 107 100
 144 21.4 24.8 37.2#
 142 64.8 73.4 110.0#

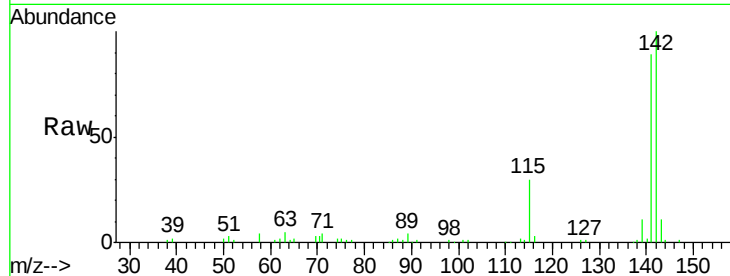




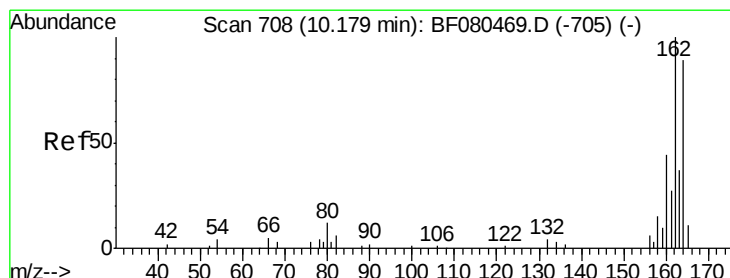
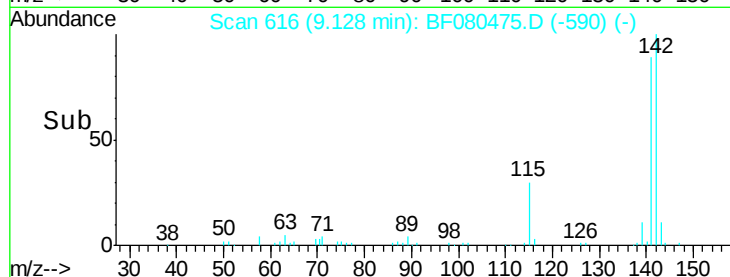
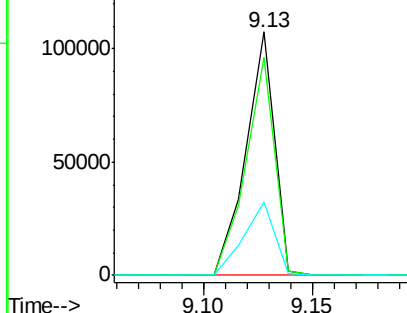
#37
 2-Methylnaphthalene
 Concen: 39.26 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:142 Resp: 98009
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.6 107.4
 115 29.9 24.6 37.0

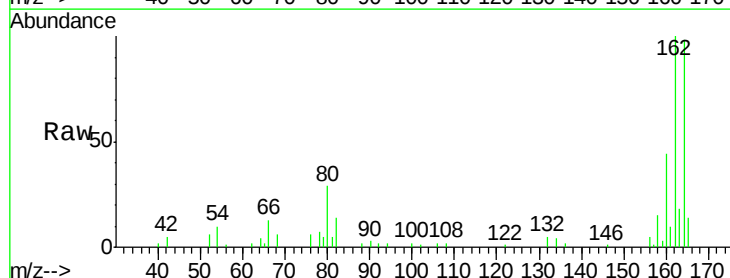


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

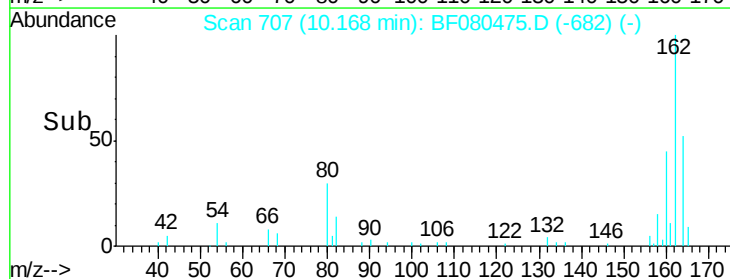
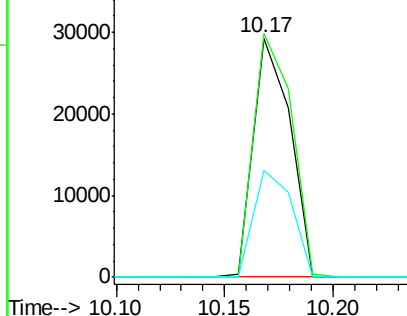


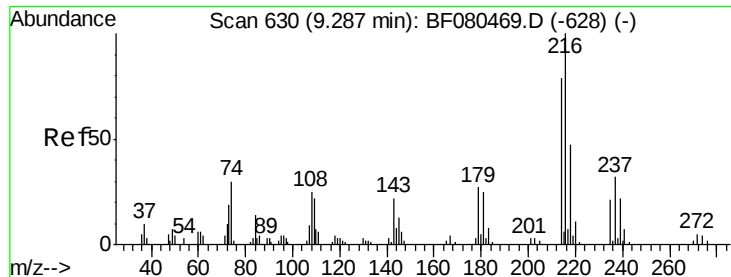
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:164 Resp: 34519
 Ion Ratio Lower Upper
 164 100
 162 101.9 89.8 134.8
 160 44.7 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.93 ng

RT: 9.29 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

Tgt Ion:216 Resp: 43436

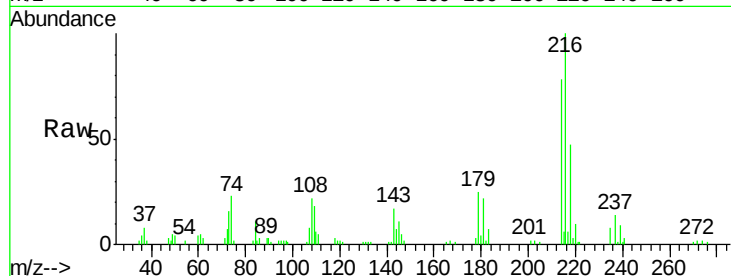
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.4

179 22.5 18.3 27.5

108 21.1 16.7 25.1

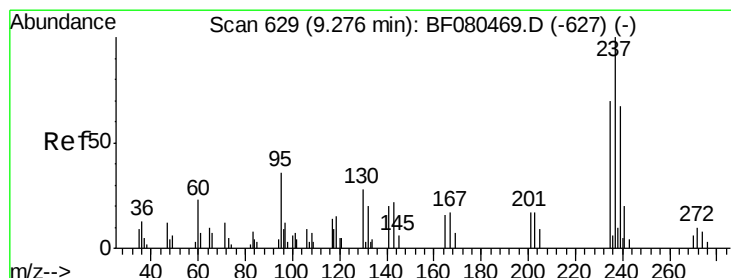
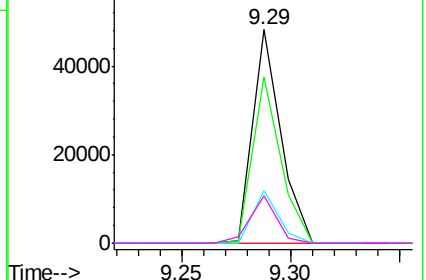
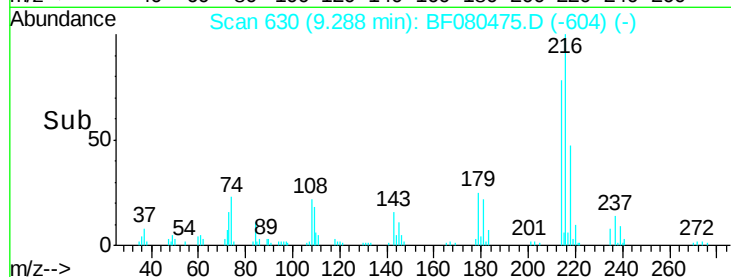


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.54 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

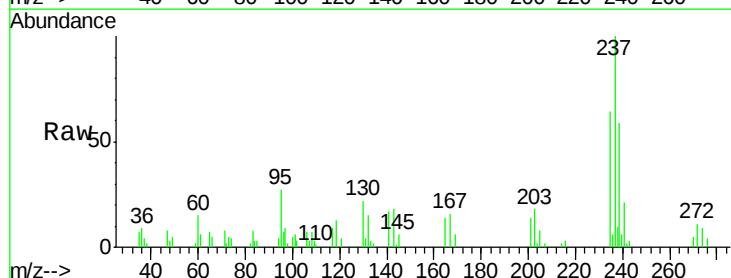
Tgt Ion:237 Resp: 20010

Ion Ratio Lower Upper

237 100

235 63.8 49.9 89.9

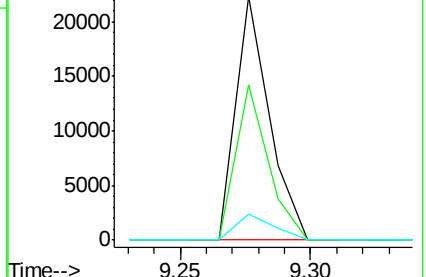
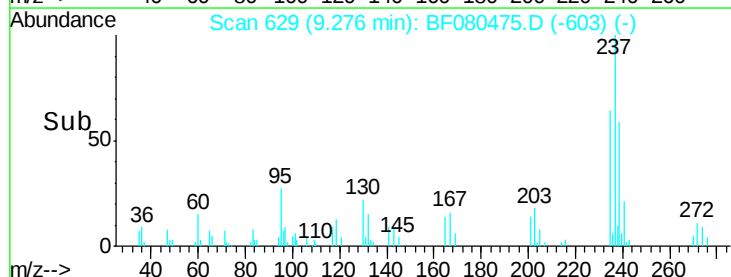
272 10.5 0.0 30.0

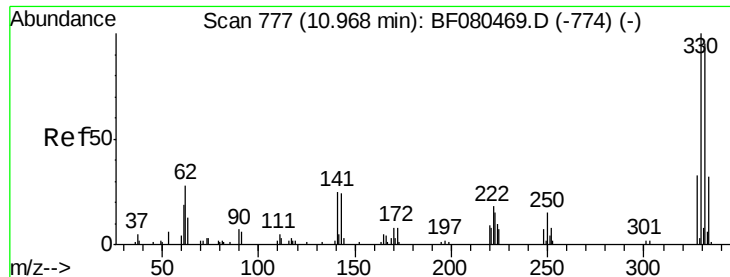


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

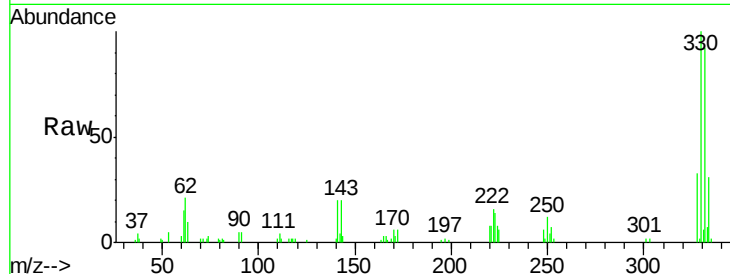




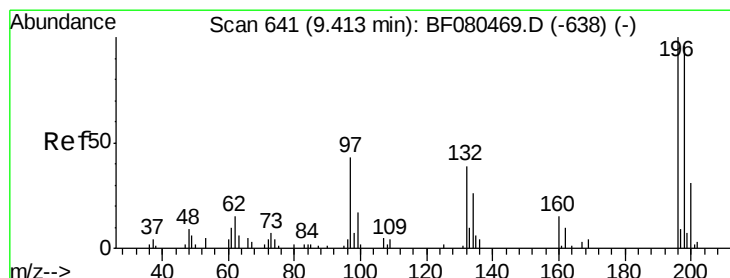
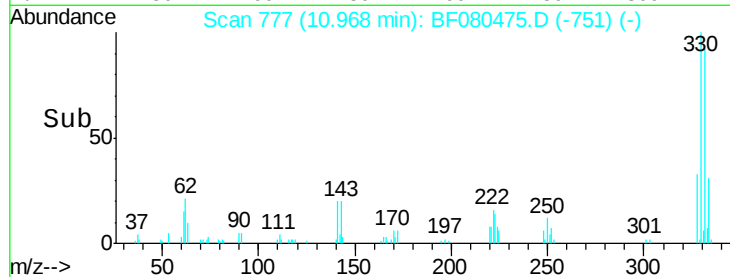
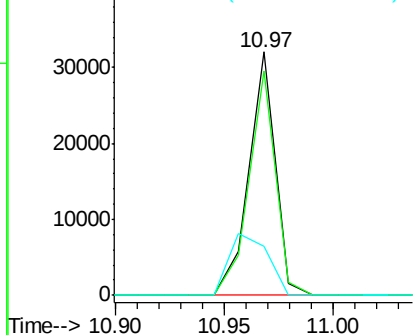
#41
 2,4,6-Tribromophenol
 Concen: 83.12 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:330 Resp: 27120
 Ion Ratio Lower Upper
 330 100
 332 92.2 76.2 114.4
 141 37.1 29.8 44.6

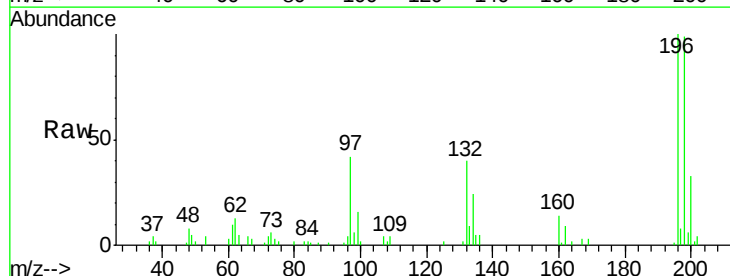


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

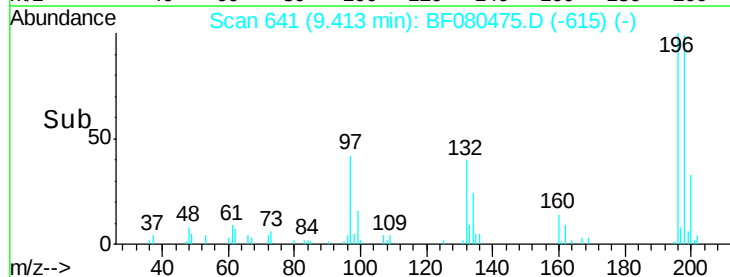
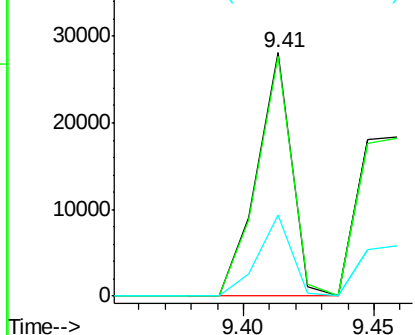


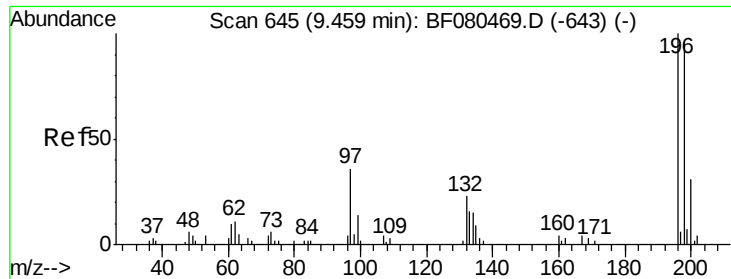
#42
 2,4,6-Trichlorophenol
 Concen: 36.85 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:196 Resp: 26240
 Ion Ratio Lower Upper
 196 100
 198 98.5 77.2 115.8
 200 33.5 24.7 37.1



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

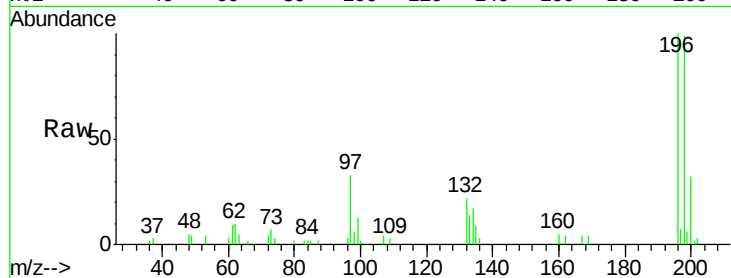




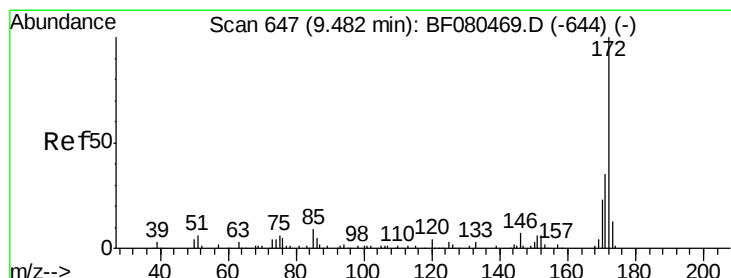
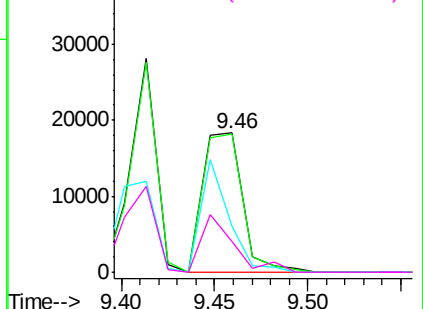
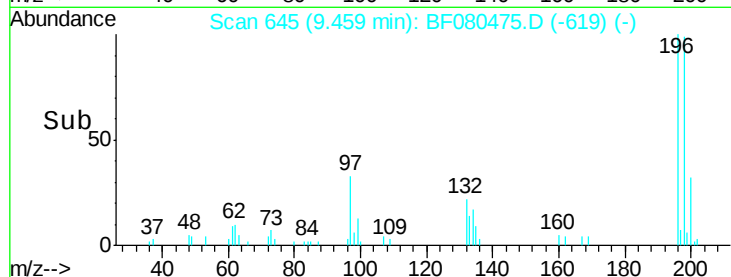
#43
 2,4,5-Trichlorophenol
 Concen: 37.90 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:	196	Resp:	27190
Ion	Ratio	Lower	Upper
196	100		
198	99.1	77.0	115.6
97	33.1	28.6	43.0
132	22.3	18.6	27.8

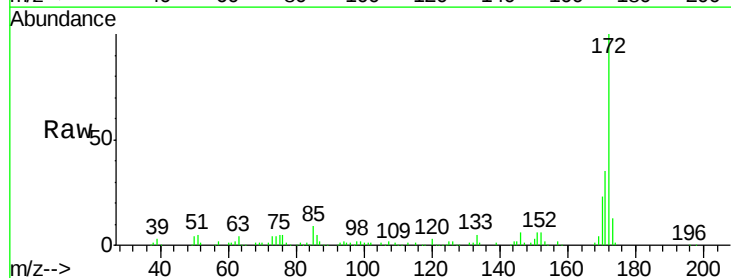


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

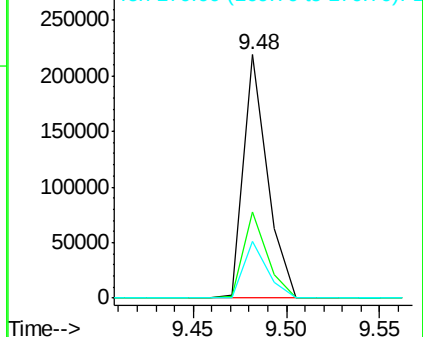
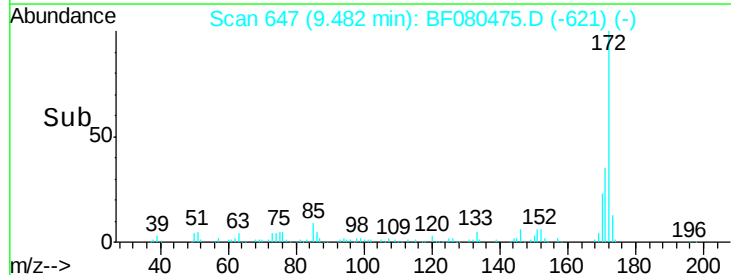


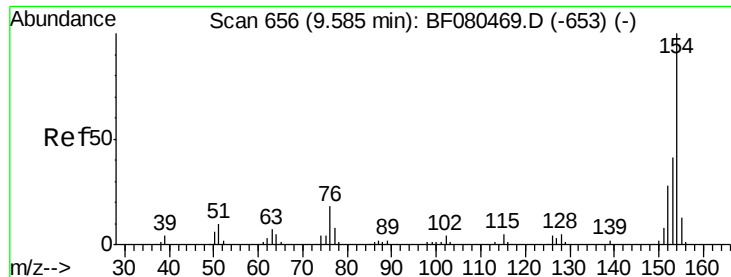
#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:	172	Resp:	194835
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.3	18.5	27.7



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

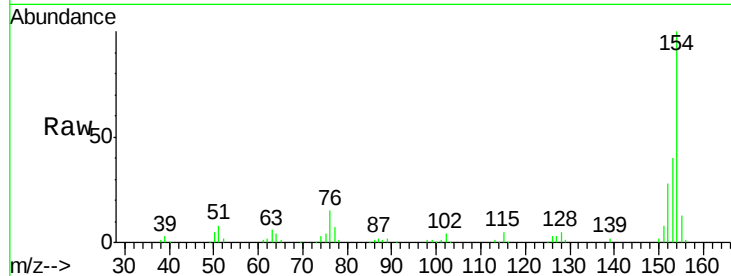




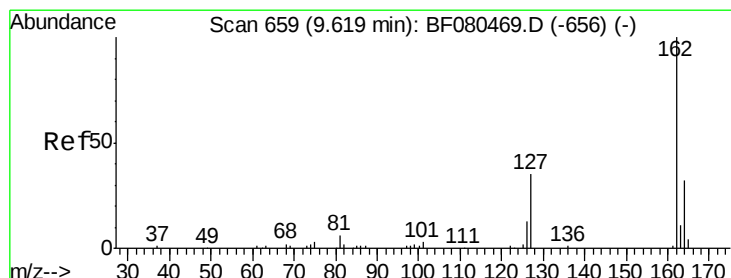
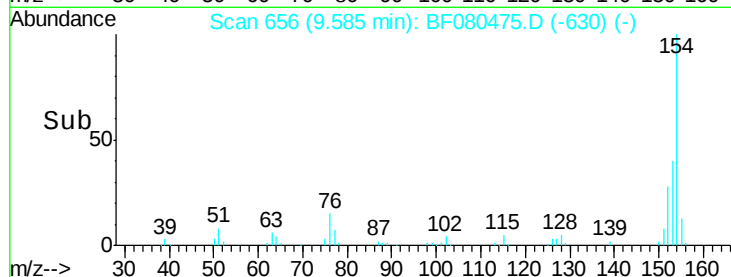
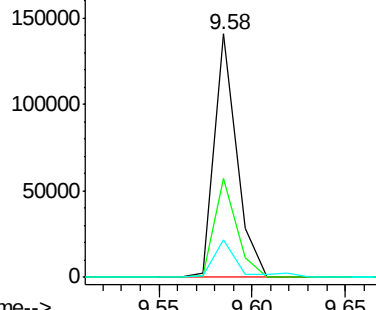
#45
 1,1'-Biphenyl
 Concen: 39.66 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:	154	Resp:	117839
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.8	60.8
76	15.2	0.0	37.7

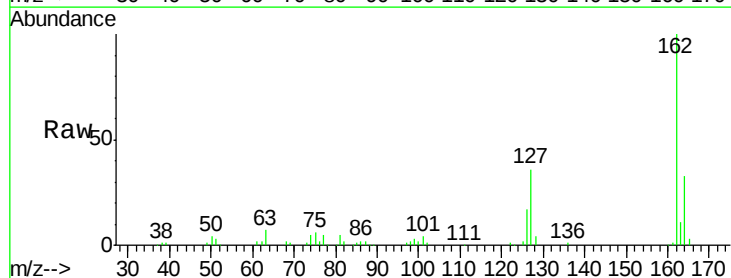


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

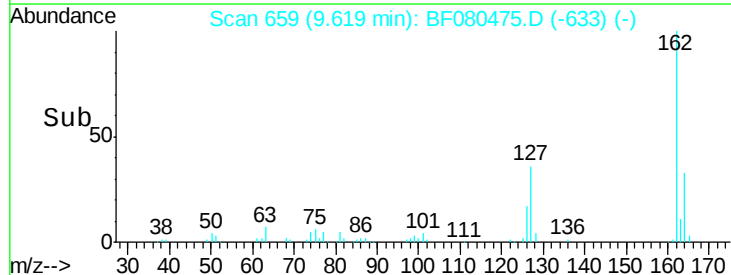
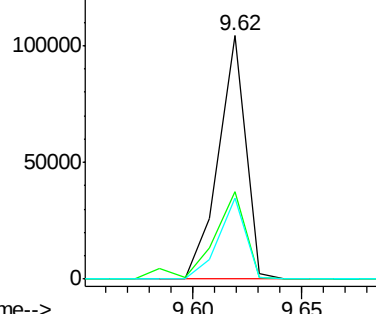


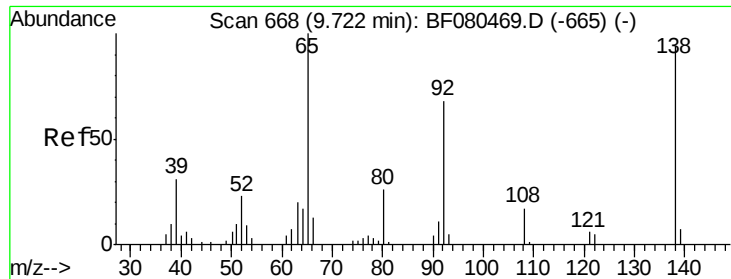
#46
 2-Chloronaphthalene
 Concen: 37.27 ng
 RT: 9.62 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:	162	Resp:	90948
Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.4	45.6
164	33.1	25.8	38.8



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

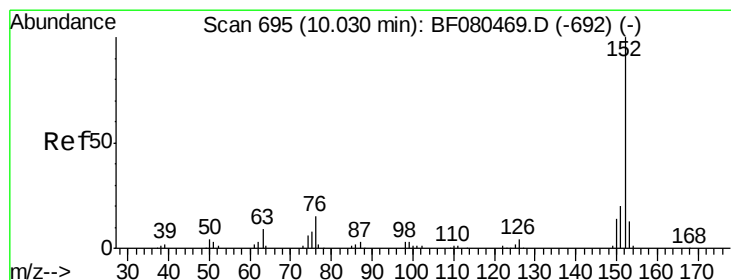
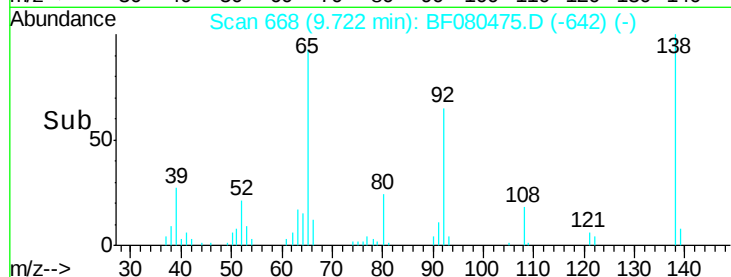
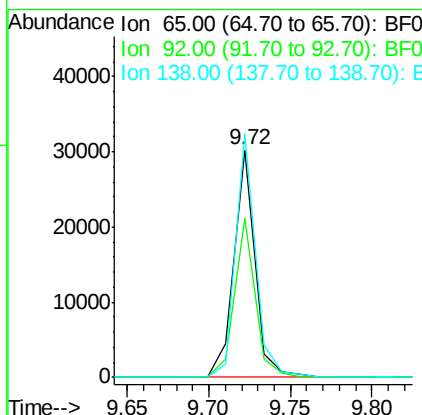
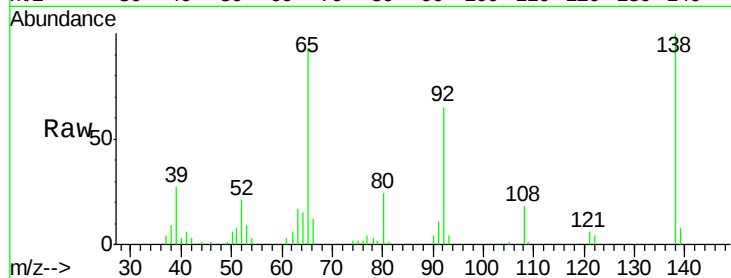




#47
2-Nitroaniline
Concen: 37.87 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

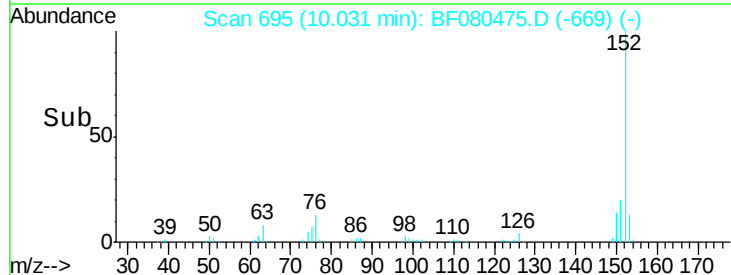
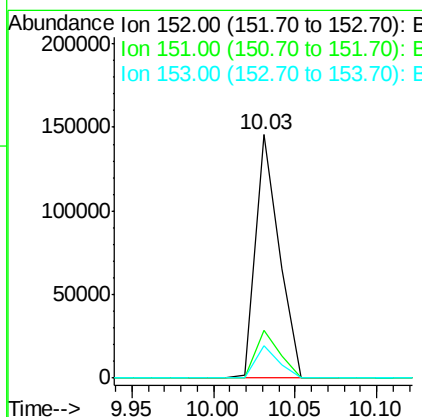
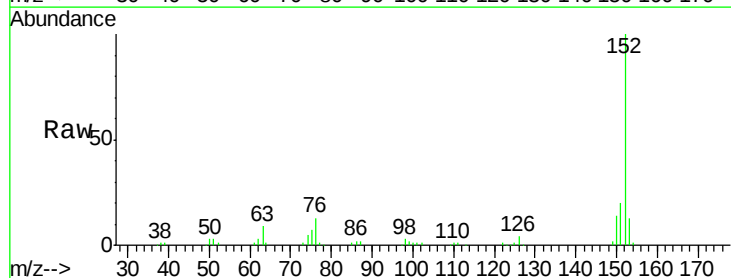
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

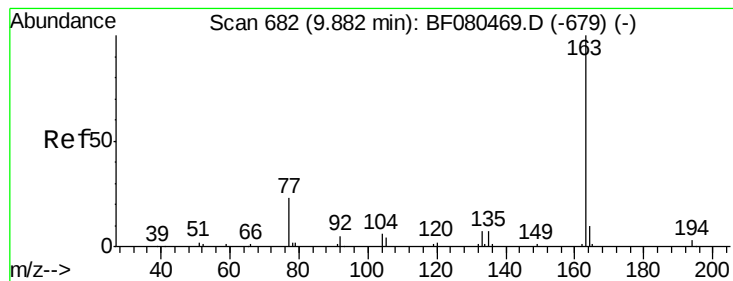
Tgt Ion: 65 Resp: 26657
Ion Ratio Lower Upper
65 100
92 69.8 54.7 82.1
138 107.1 75.3 112.9



#48
Acenaphthylene
Concen: 39.78 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion: 152 Resp: 146818
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.1 10.5 15.7





#49

Dimethylphthalate

Concen: 40.32 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

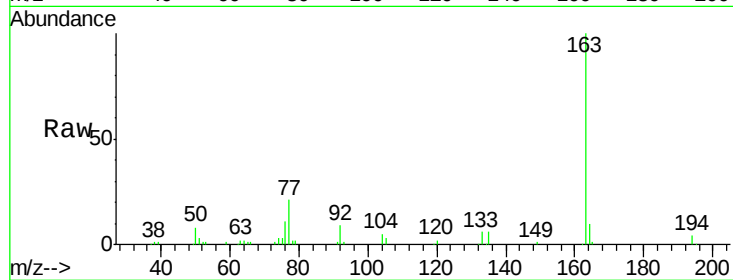
Tgt Ion:163 Resp: 110153

Ion Ratio Lower Upper

163 100

194 3.5 2.6 3.8

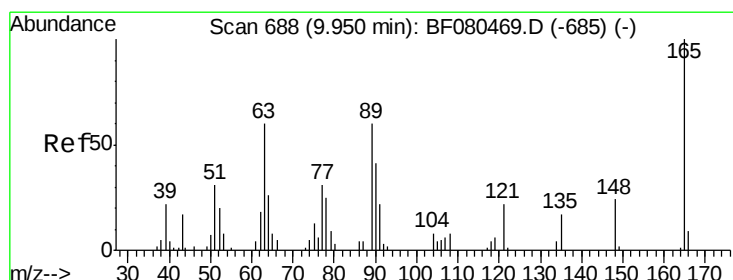
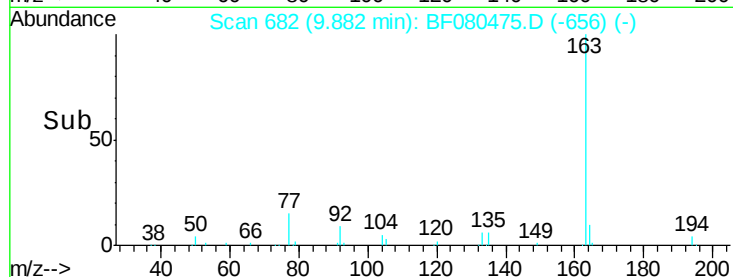
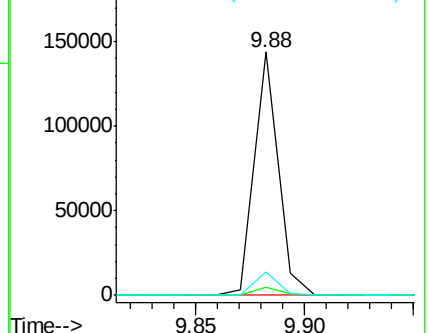
164 9.8 8.1 12.1



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: 40.62 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

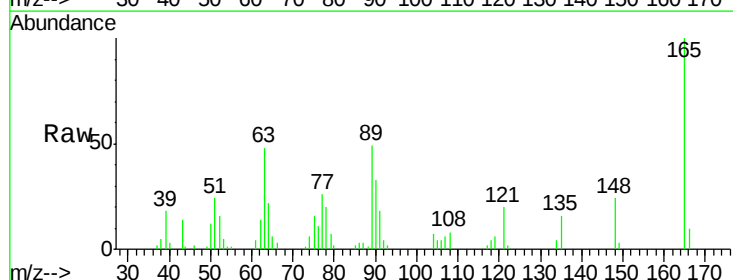
Tgt Ion:165 Resp: 23888

Ion Ratio Lower Upper

165 100

63 48.0 49.6 74.4#

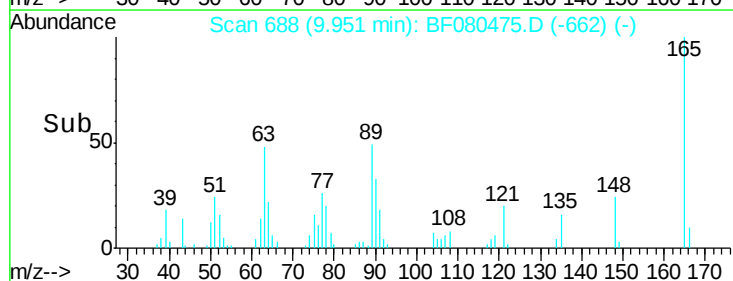
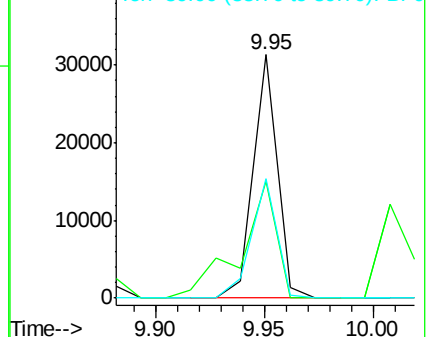
89 48.9 47.6 71.4

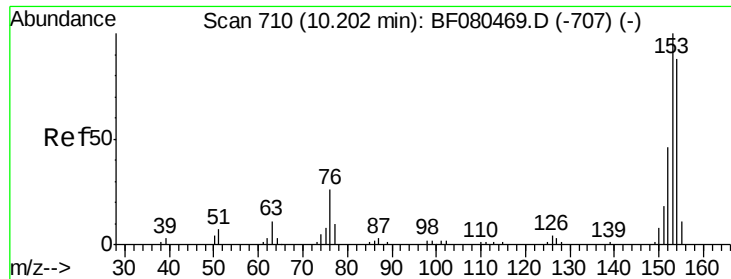


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.01 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

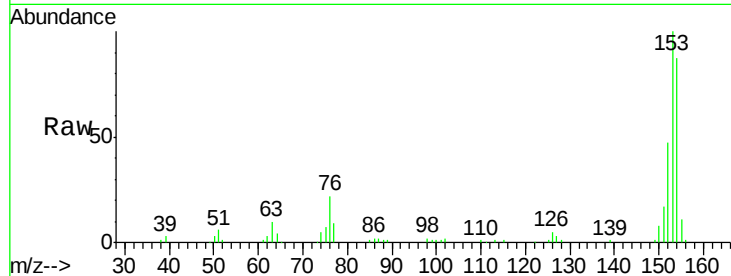
Tgt Ion:154 Resp: 87575

Ion Ratio Lower Upper

154 100

153 115.4 90.6 136.0

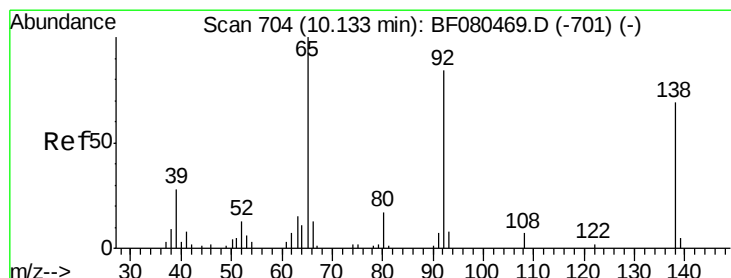
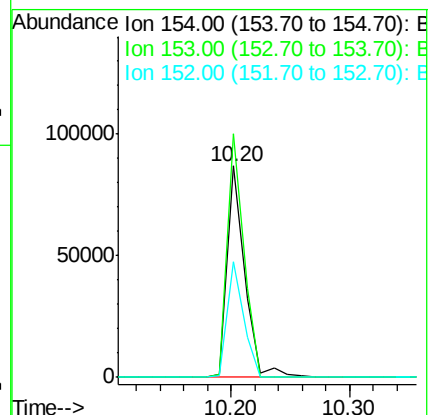
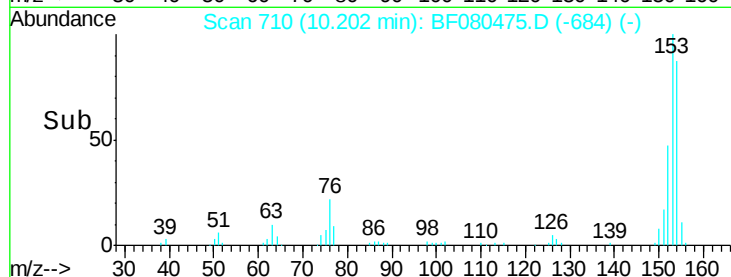
152 54.5 41.7 62.5



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: 40.06 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

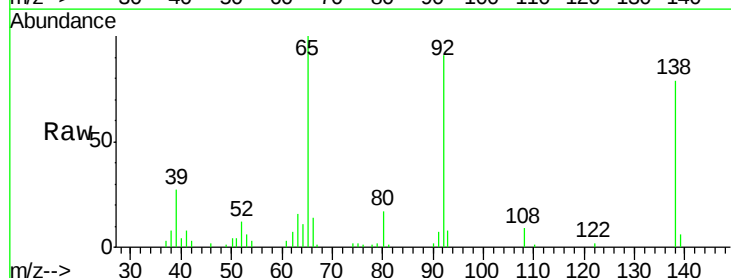
Tgt Ion:138 Resp: 25355

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

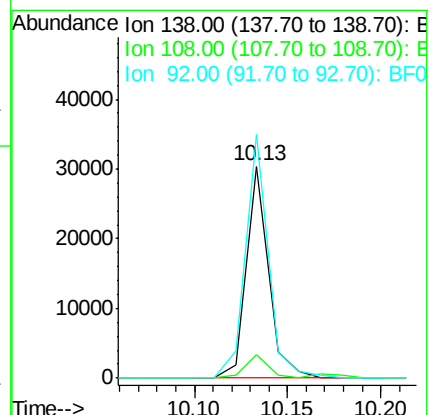
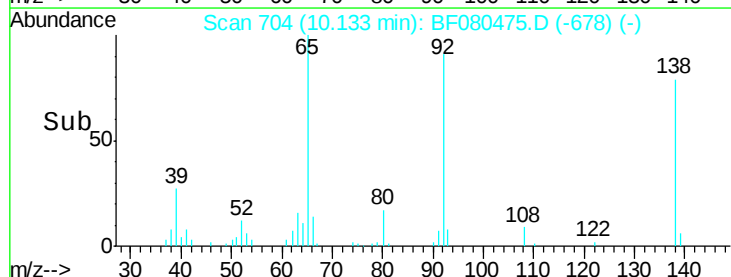
92 114.9 98.4 147.6

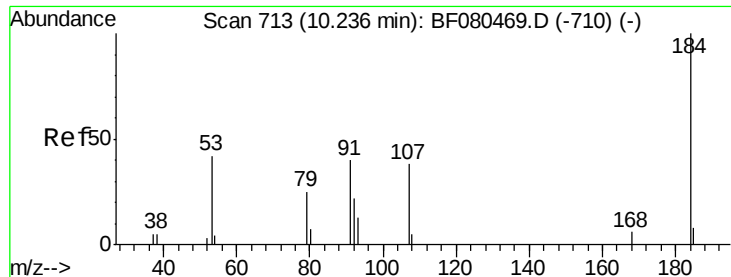


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

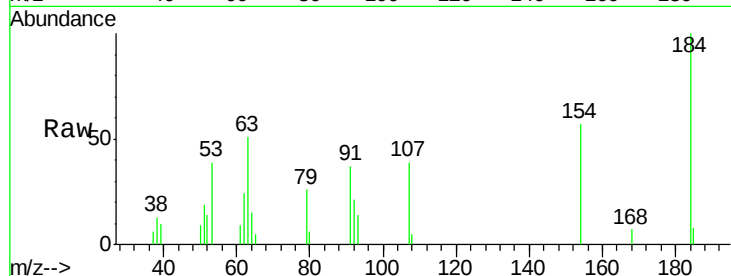




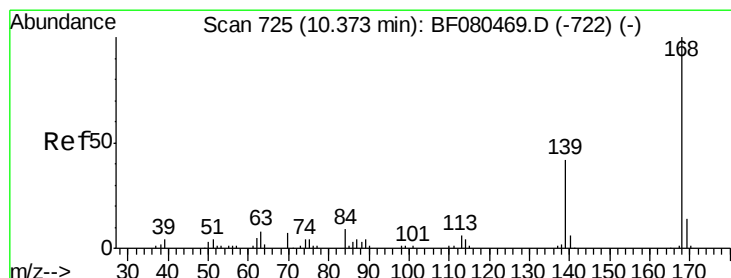
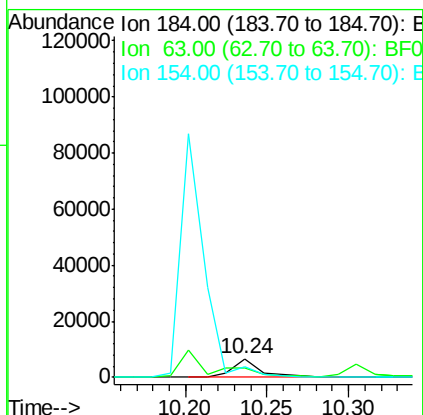
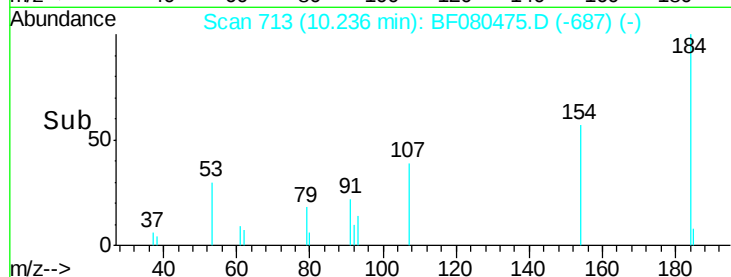
#53
2,4-Dinitrophenol
Concen: 39.68 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
ICVBF071415

Tgt Ion:184 Resp: 7815
Ion Ratio Lower Upper
184 100
63 50.9 42.5 63.7
154 57.2 49.4 74.2

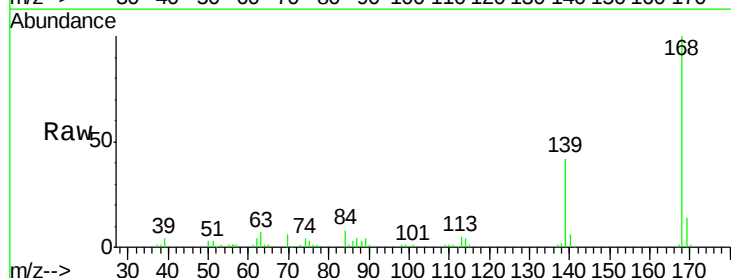


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

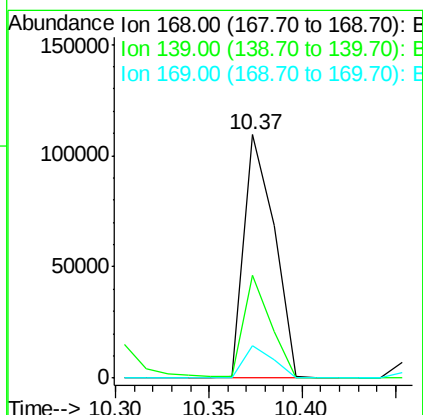
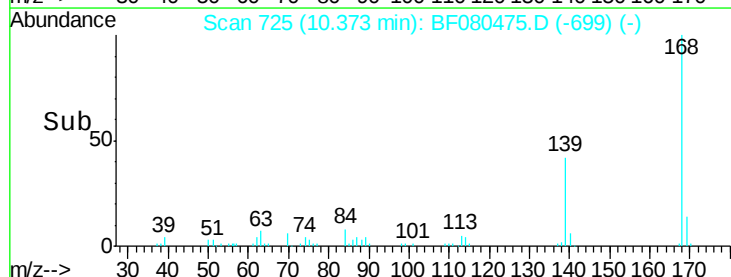


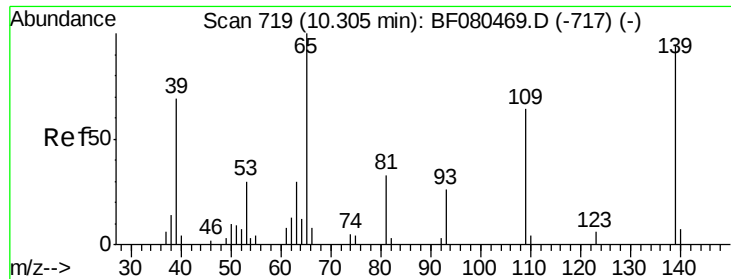
#54
Dibenzofuran
Concen: 38.87 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:168 Resp: 123070
Ion Ratio Lower Upper
168 100
139 42.2 34.2 51.2
169 13.5 11.4 17.2



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

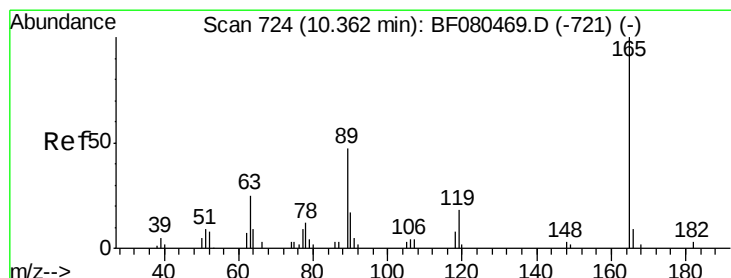
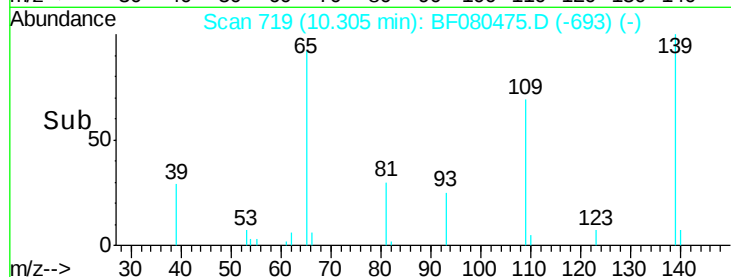
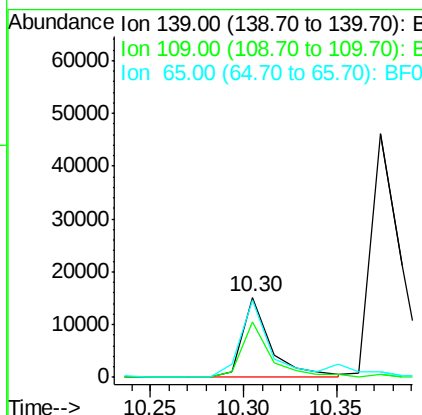
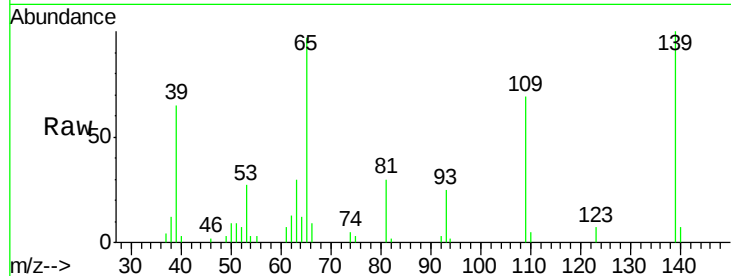




#55
4-Nitrophenol
Concen: 37.96 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

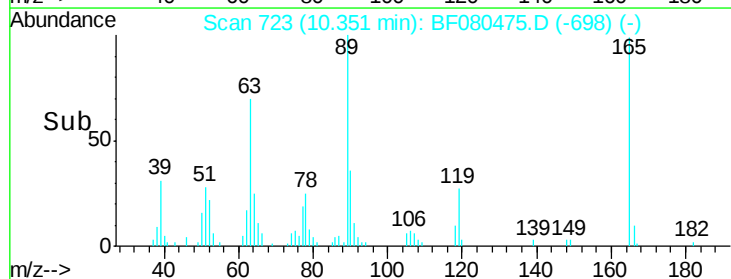
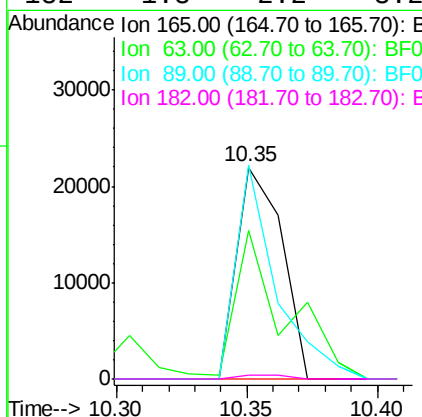
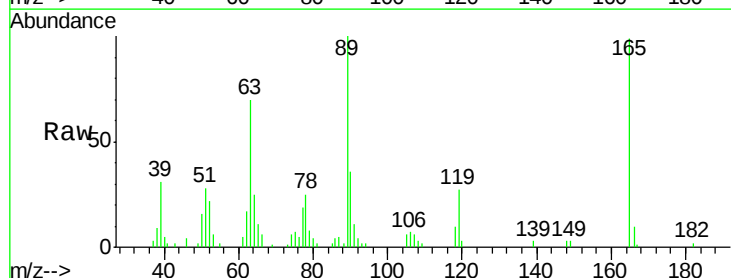
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

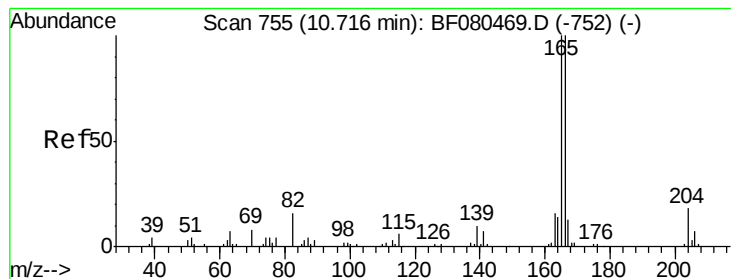
Tgt Ion:139 Resp: 16413
Ion Ratio Lower Upper
139 100
109 68.9 48.1 88.1
65 96.7 86.0 126.0



#56
2,4-Dinitrotoluene
Concen: 40.14 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:165 Resp: 26746
Ion Ratio Lower Upper
165 100
63 70.4 21.7 32.5#
89 100.9 37.4 56.2#
182 1.8 2.2 3.2#





#57

Fluorene

Concen: 39.02 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

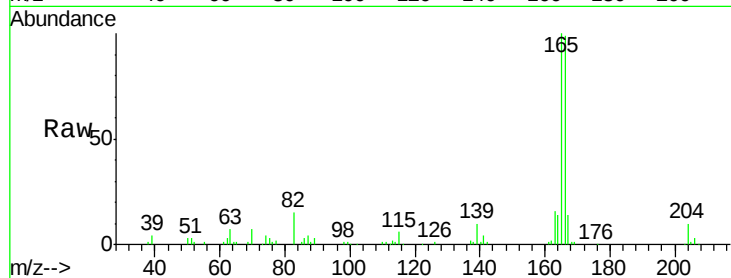
Tgt Ion:166 Resp: 99343

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

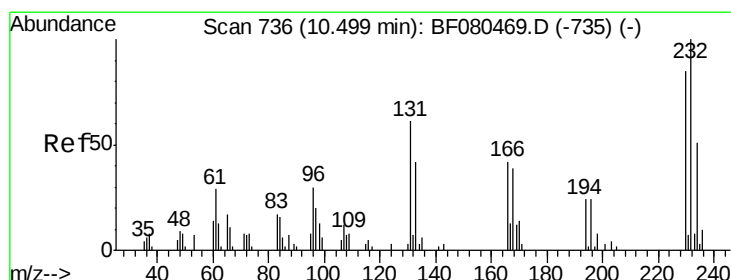
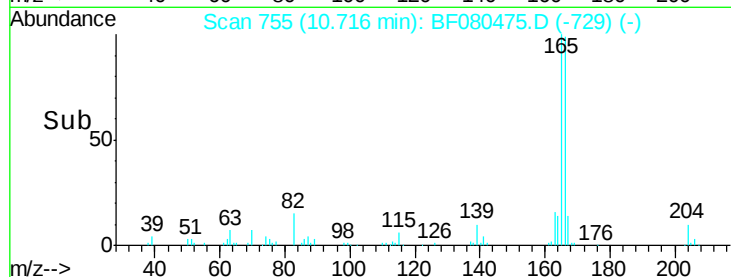
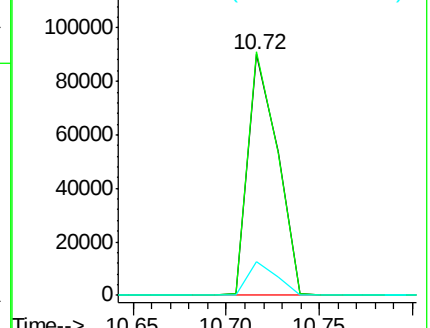
167 14.0 10.5 15.7



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: 41.03 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Tgt Ion:232 Resp: 23838

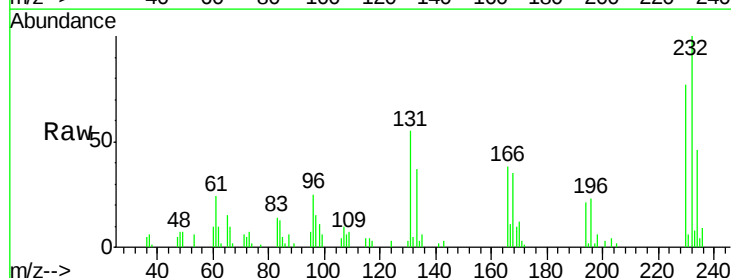
Ion Ratio Lower Upper

232 100

131 47.6 40.0 60.0

130 1.9 1.6 2.4

166 33.5 27.4 41.2

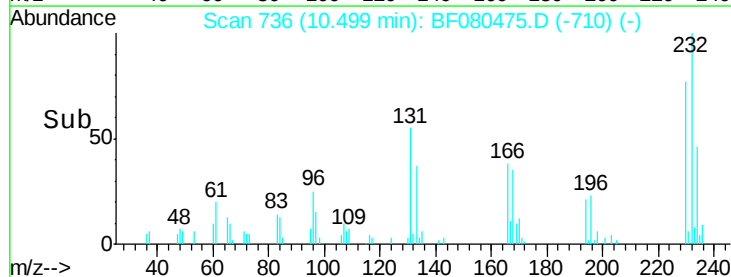
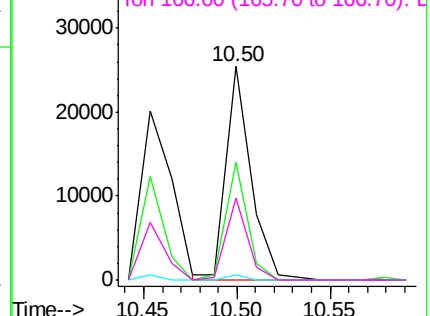


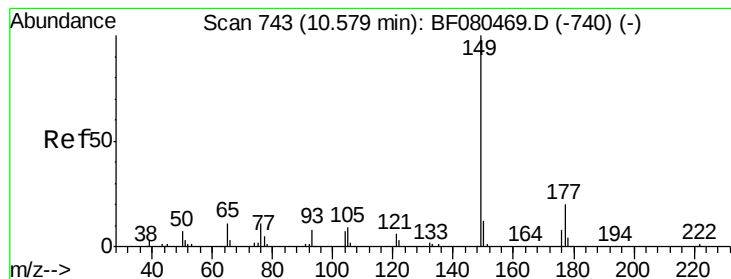
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.46 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

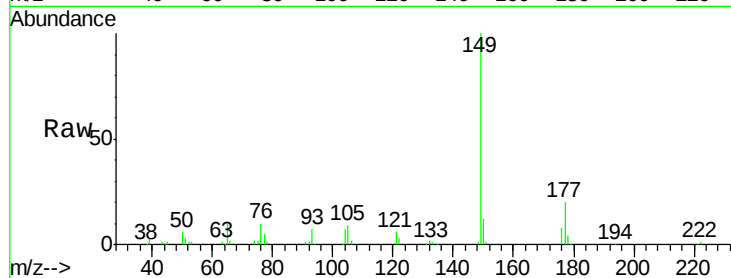
Tgt Ion:149 Resp: 106701

Ion Ratio Lower Upper

149 100

177 20.2 16.2 24.4

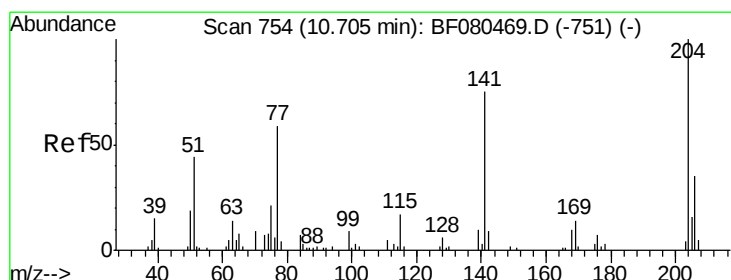
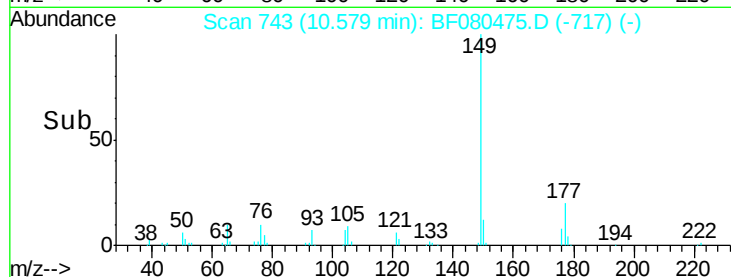
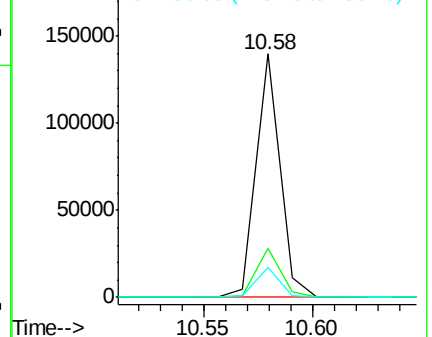
150 12.1 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.78 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

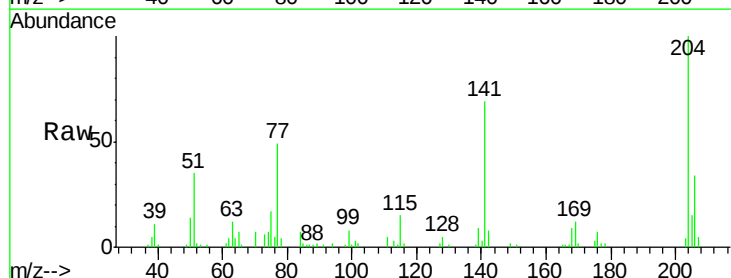
Tgt Ion:204 Resp: 48681

Ion Ratio Lower Upper

204 100

206 33.7 27.7 41.5

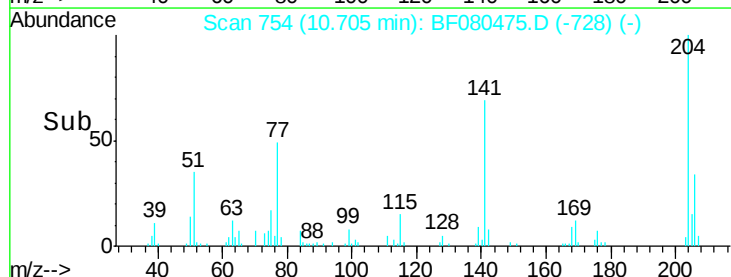
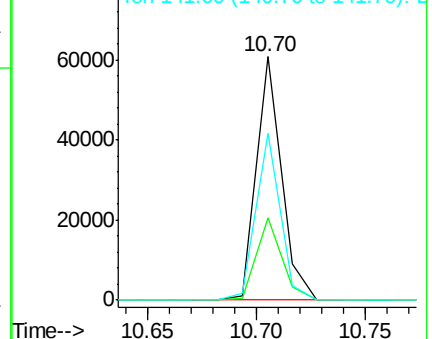
141 68.5 59.6 89.4

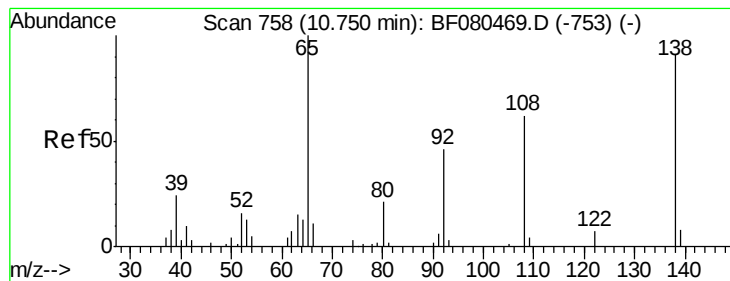


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.12 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

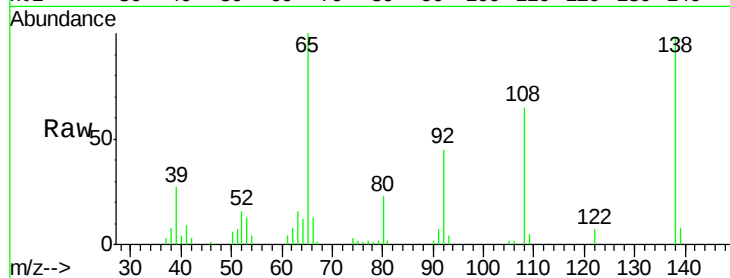
Tgt Ion:138 Resp: 23047

Ion Ratio Lower Upper

138 100

92 45.9 30.5 70.5

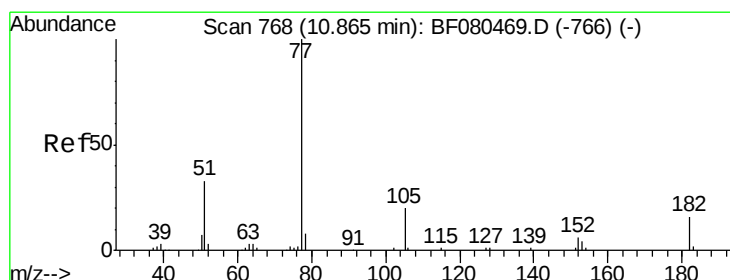
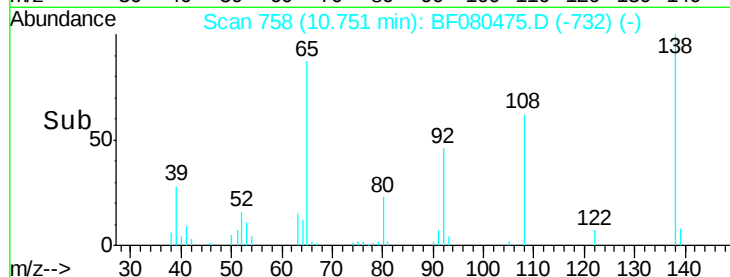
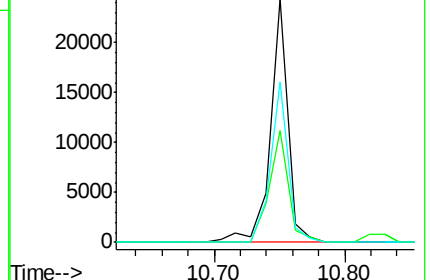
108 66.0 48.1 88.1



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: 40.81 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Tgt Ion: 77 Resp: 105458

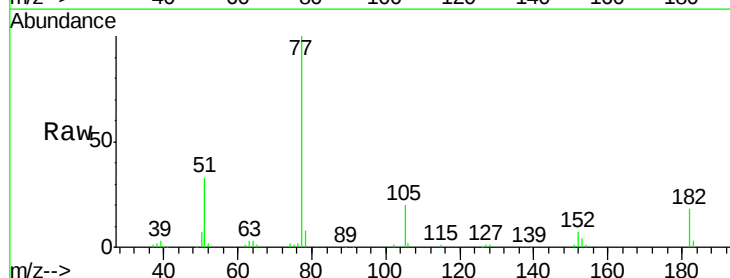
Ion Ratio Lower Upper

77 100

182 18.2 0.0 36.0

105 20.3 0.1 40.1

51 32.7 12.6 52.6

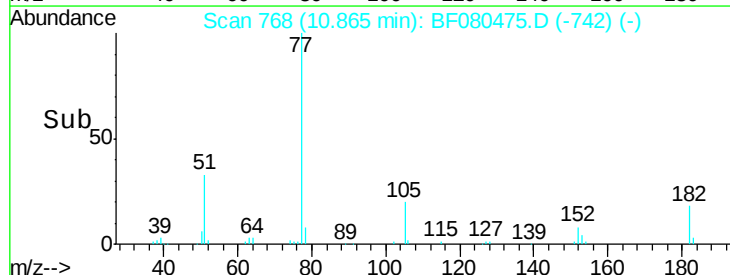
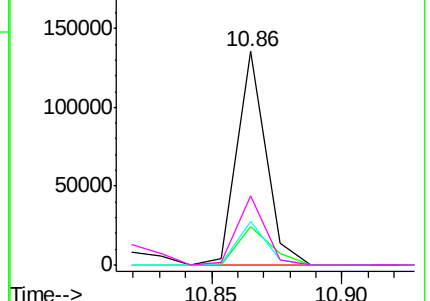


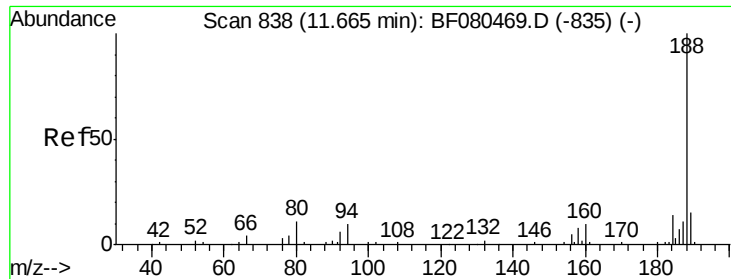
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

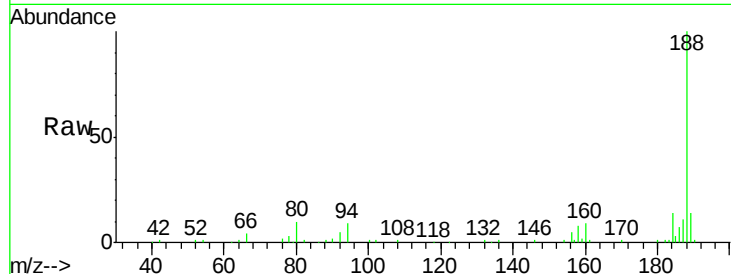




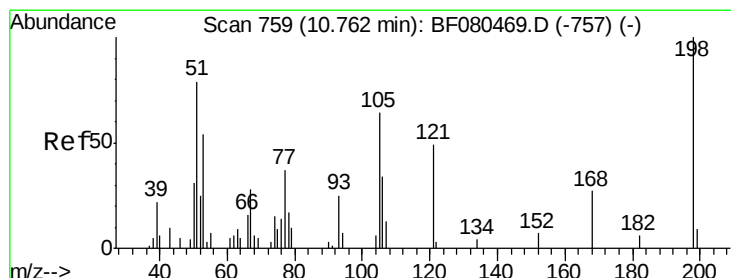
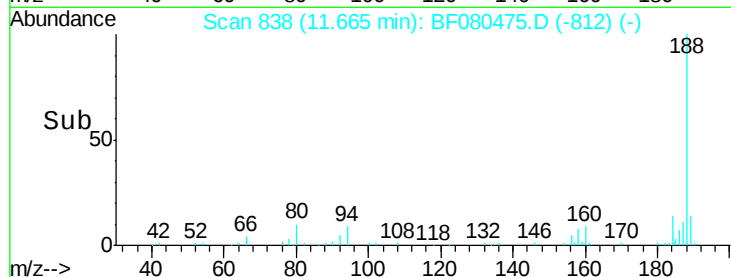
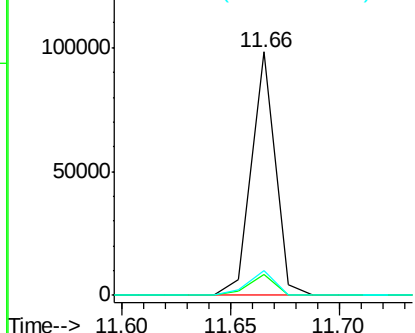
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:188 Resp: 75010
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.7 11.5
 80 10.0 8.8 13.2

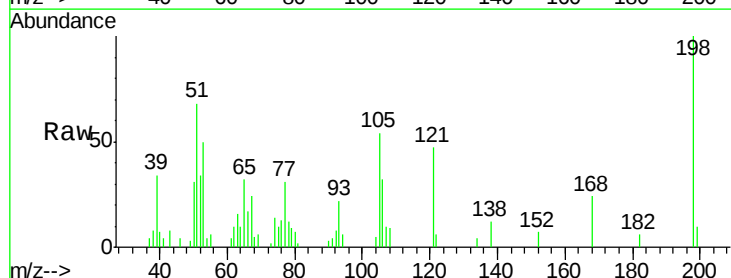


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

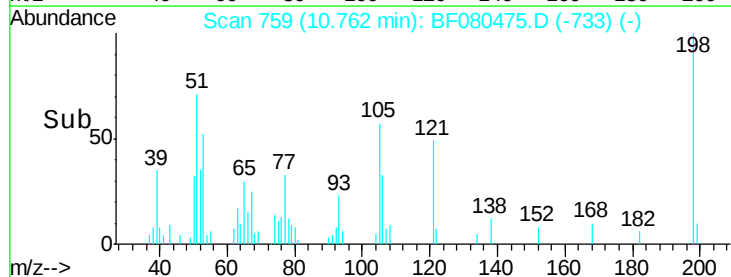
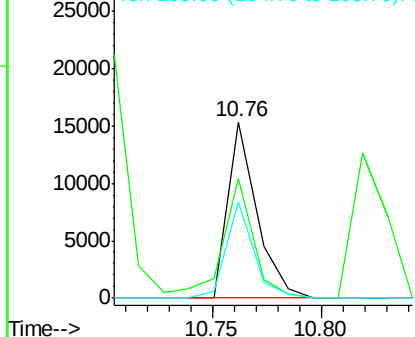


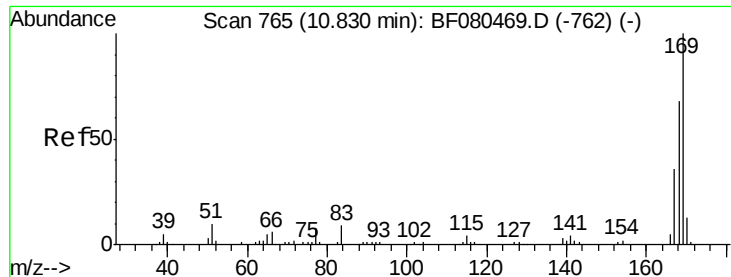
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.18 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:198 Resp: 14197
 Ion Ratio Lower Upper
 198 100
 51 67.9 62.5 102.5
 105 54.5 43.6 83.6



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

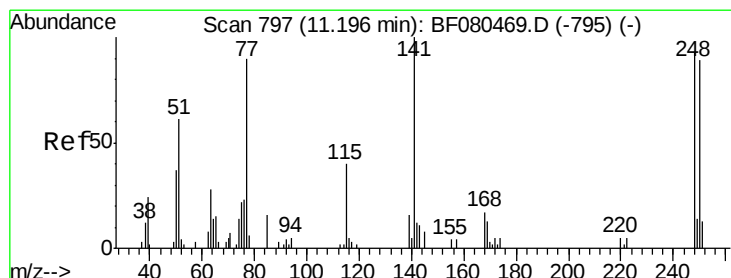
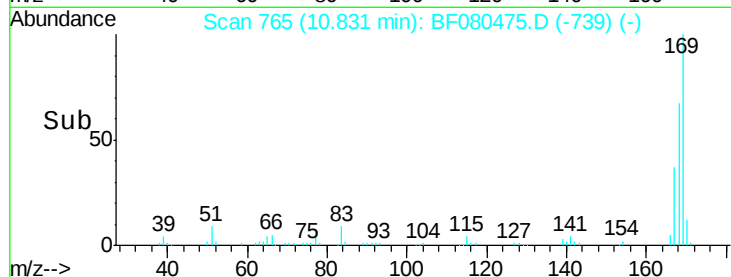
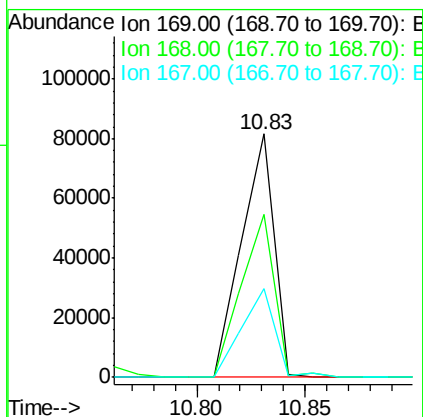
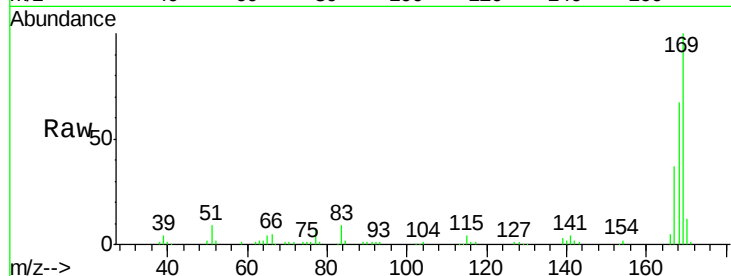




#65
 n-Nitrosodiphenylamine
 Concen: 34.77 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

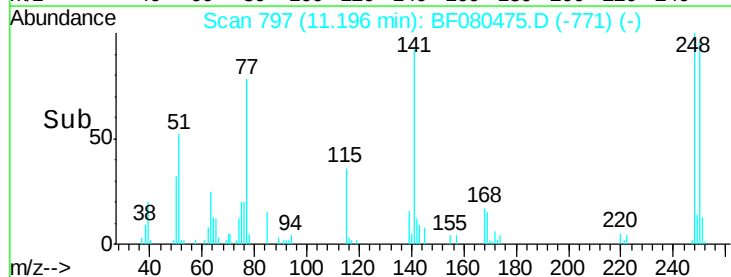
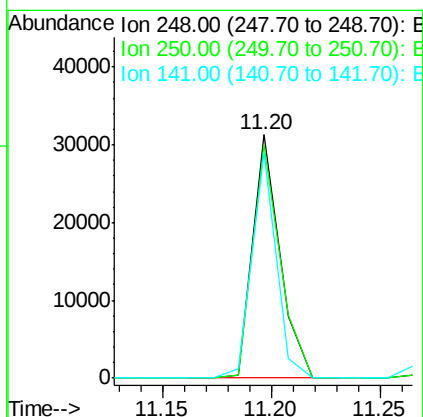
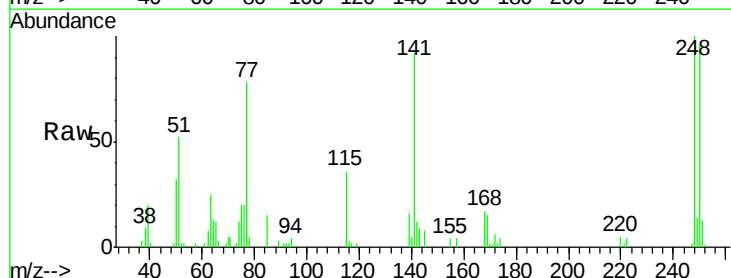
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

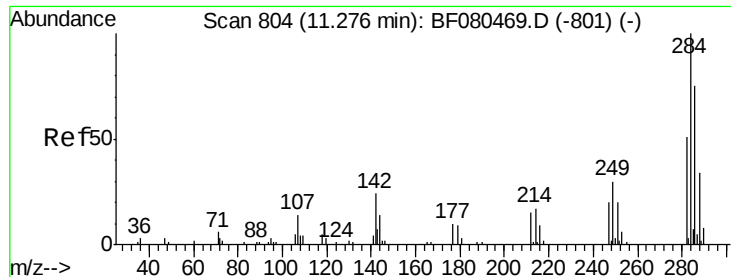
Tgt Ion:169 Resp: 84704
 Ion Ratio Lower Upper
 169 100
 168 66.7 54.1 81.1
 167 36.7 29.0 43.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.29 ng
 RT: 11.20 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:248 Resp: 27141
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.8 115.2
 141 92.5 86.3 129.5

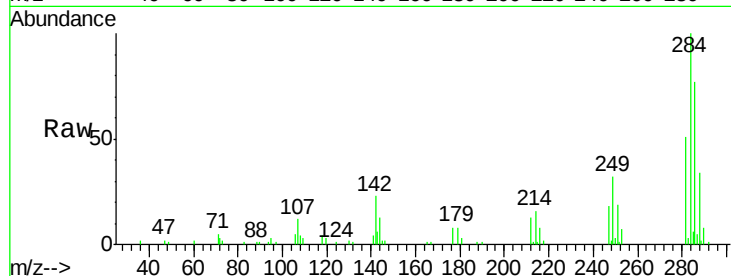




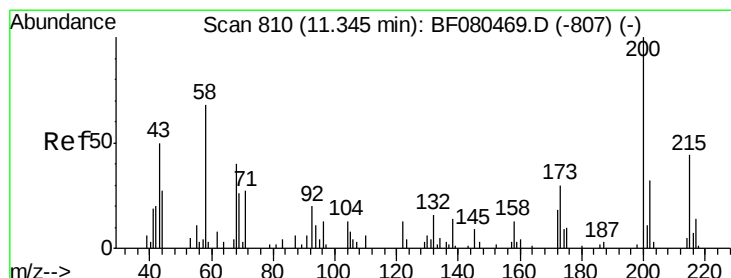
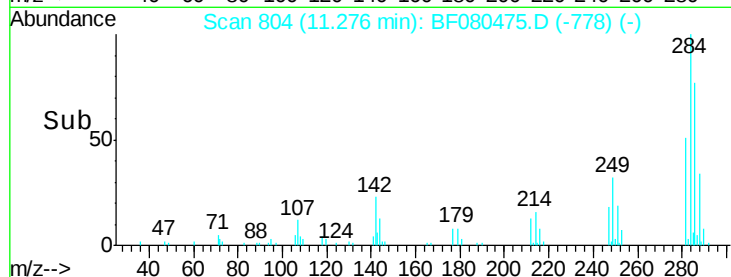
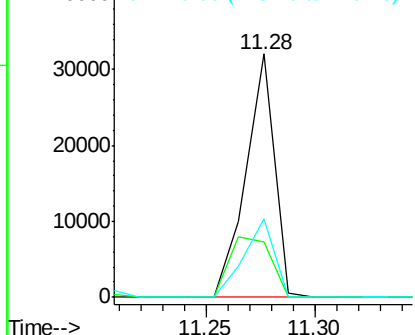
#67
Hexachlorobenzene
Concen: 35.91 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Instrument :
BNA_F
ClientSampleId :
ICVBF071415

Tgt Ion: 284 Resp: 29226
Ion Ratio Lower Upper
284 100
142 22.6 19.1 28.7
249 32.4 23.9 35.9

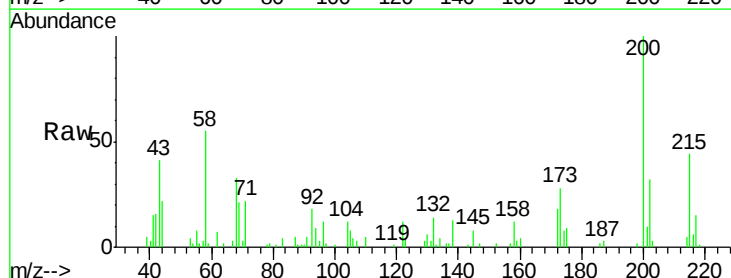


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

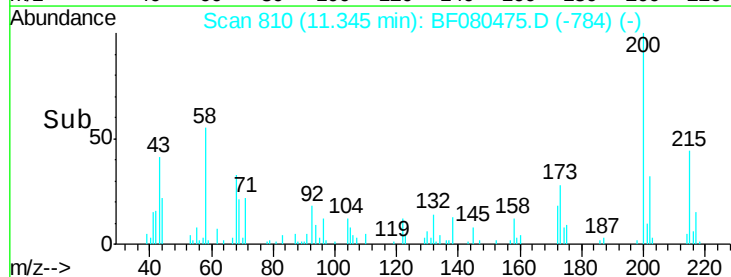
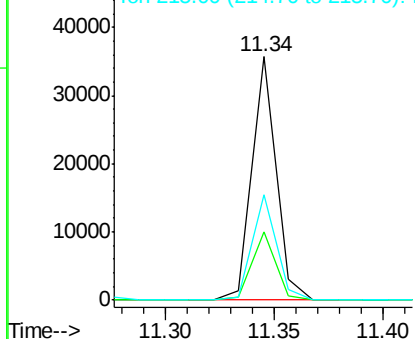


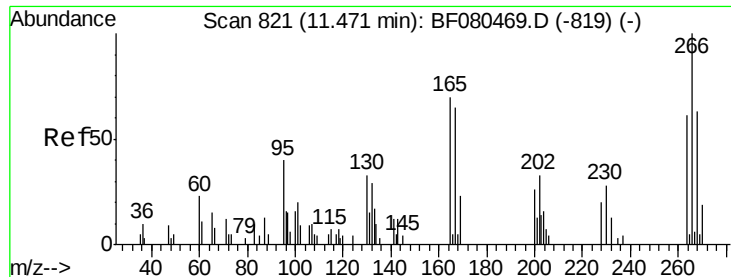
#68
Atrazine
Concen: 38.81 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion: 200 Resp: 27549
Ion Ratio Lower Upper
200 100
173 28.1 9.7 49.7
215 43.5 23.7 63.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

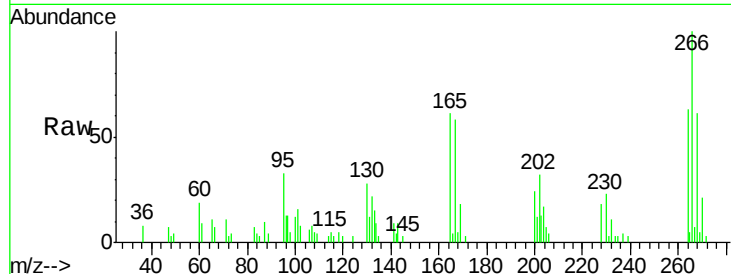




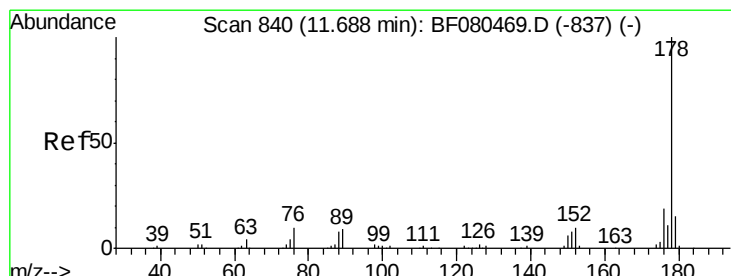
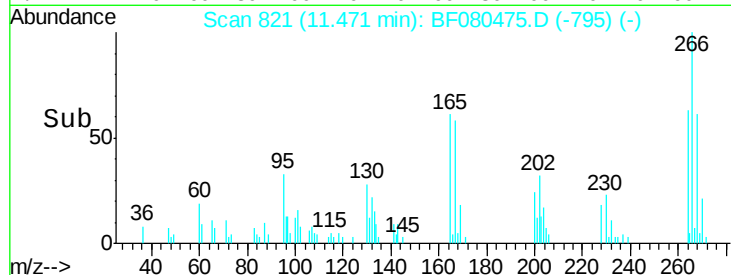
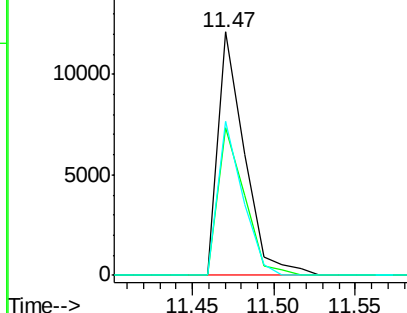
#69
 Pentachlorophenol
 Concen: 36.44 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion: 266 Resp: 13664
 Ion Ratio Lower Upper
 266 100
 268 60.8 50.3 75.5
 264 63.4 48.6 72.8

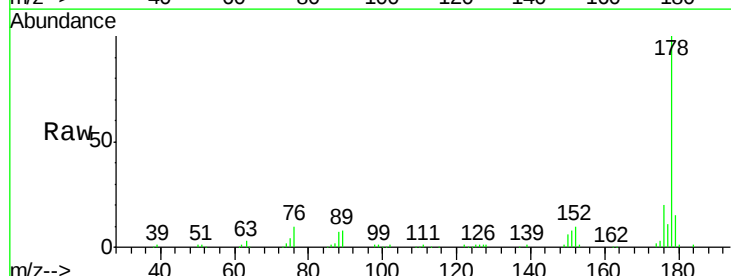


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

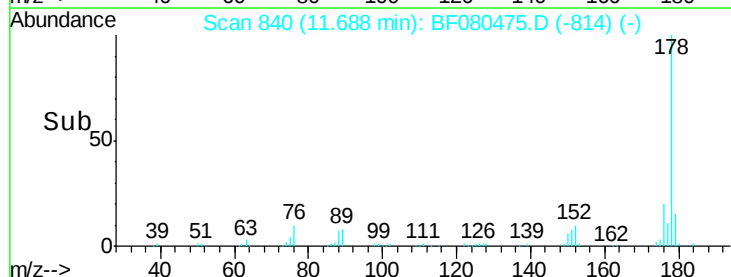
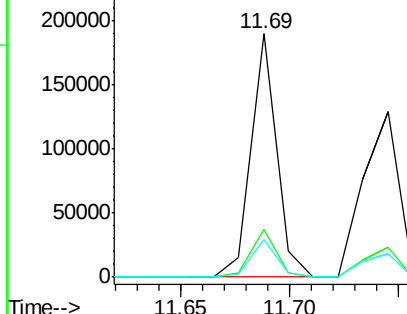


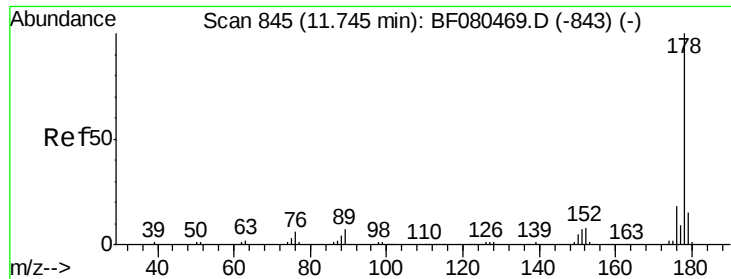
#70
 Phenanthrene
 Concen: 35.72 ng
 RT: 11.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion: 178 Resp: 155705
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.0
 179 15.3 11.8 17.6



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

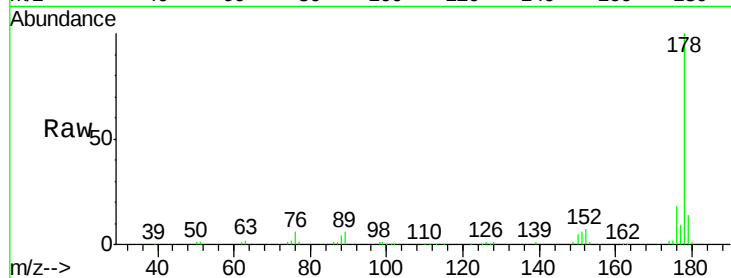




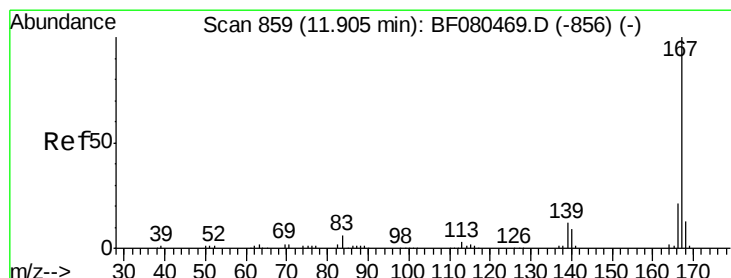
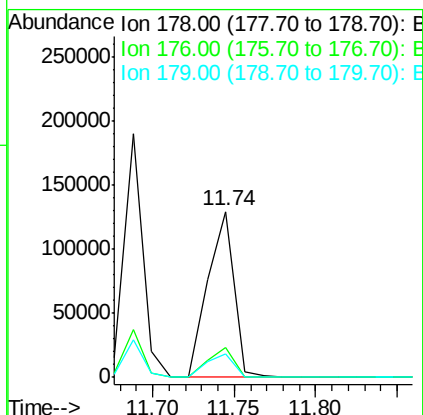
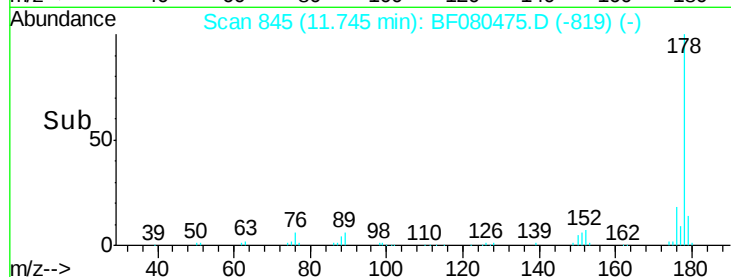
#71
 Anthracene
 Concen: 35.34 ng
 RT: 11.74 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

Tgt Ion:178 Resp: 144840
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.2 21.4
 179 14.1 11.8 17.6

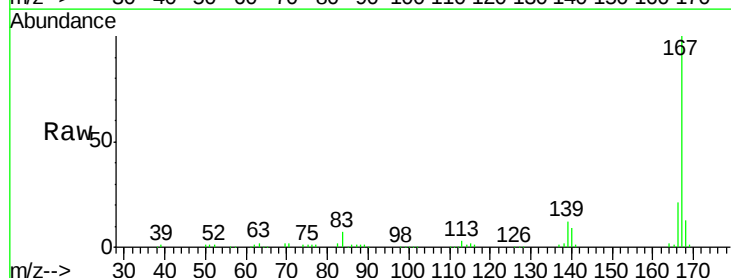


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

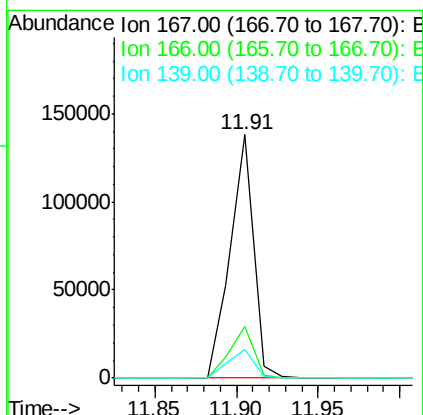
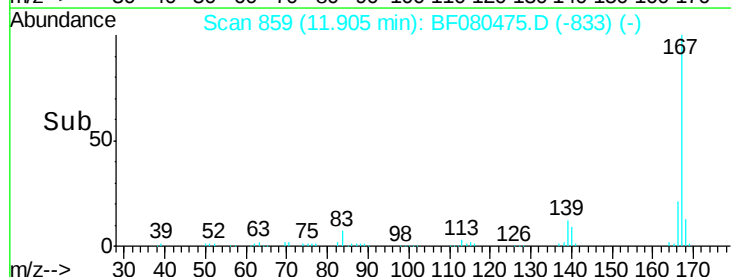


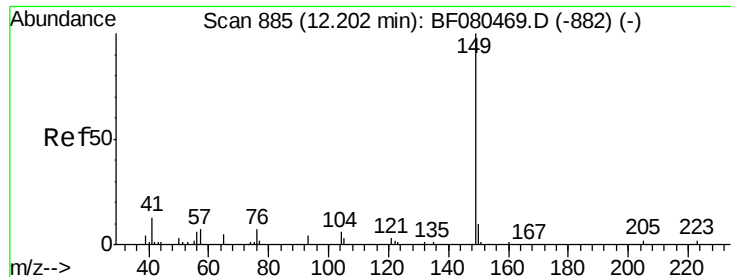
#72
 Carbazole
 Concen: 36.77 ng
 RT: 11.91 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion:167 Resp: 136542
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 11.8 9.4 14.0



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

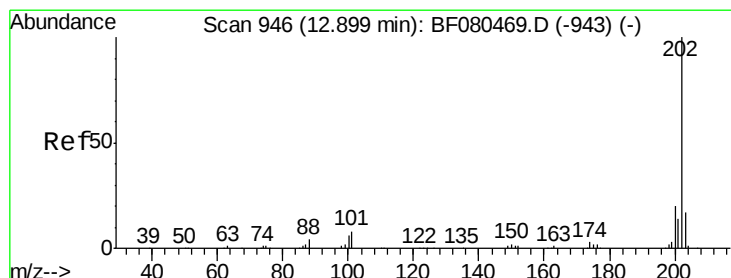
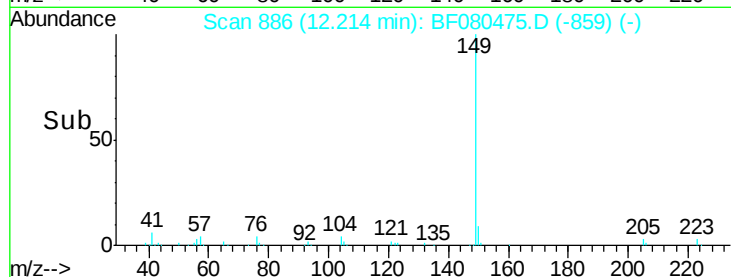
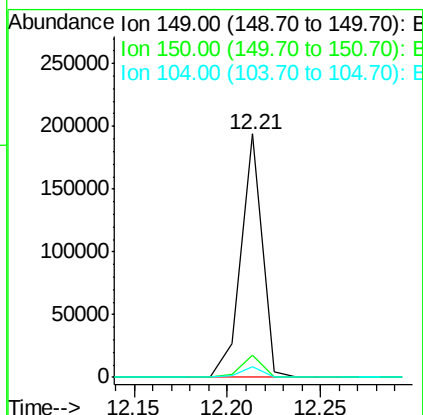
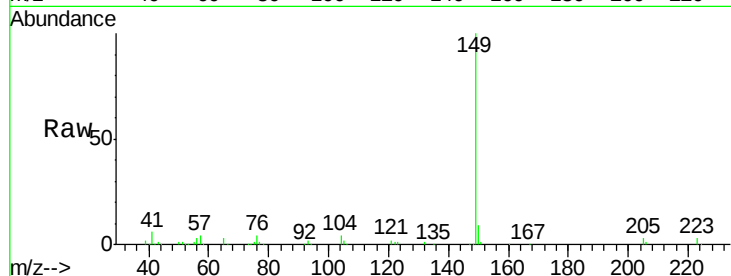




#73
Di-n-butylphthalate
Concen: 39.28 ng
RT: 12.21 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

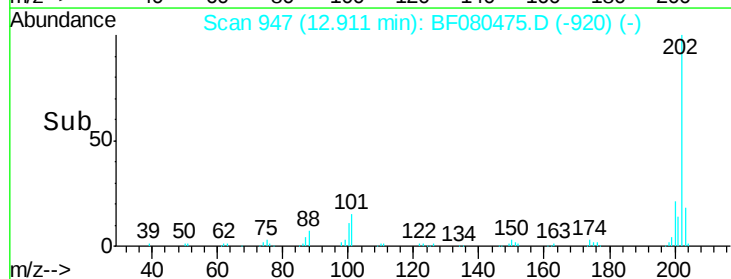
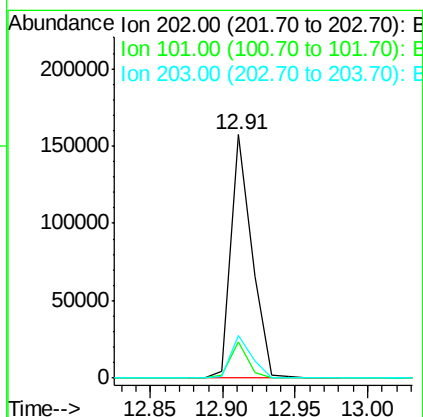
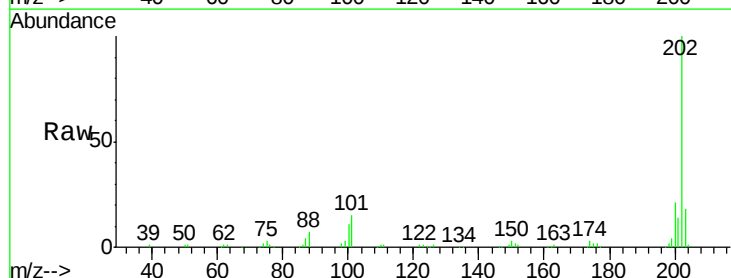
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

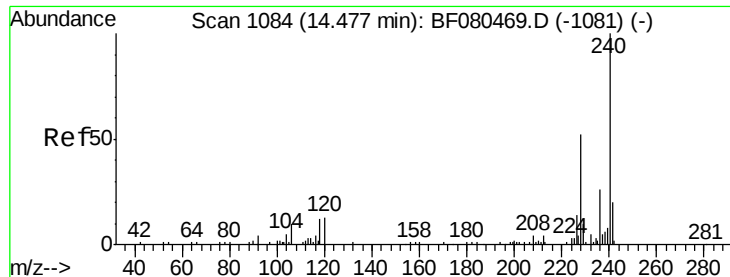
Tgt Ion:149 Resp: 154771
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.1 5.0 7.4#



#74
Fluoranthene
Concen: 36.81 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.01 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:202 Resp: 158250
Ion Ratio Lower Upper
202 100
101 14.7 0.0 27.9
203 17.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.53 min Scan# 1089

Delta R.T. 0.06 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

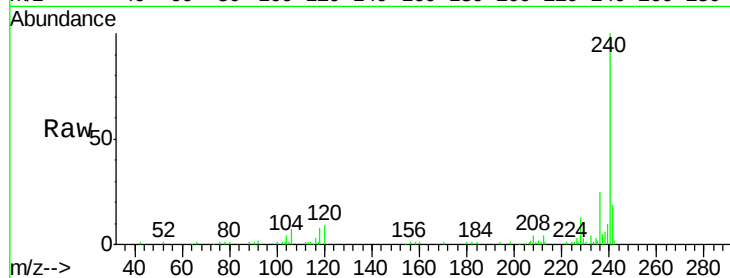
Tgt Ion:240 Resp: 76675

Ion Ratio Lower Upper

240 100

120 8.9 10.2 15.4#

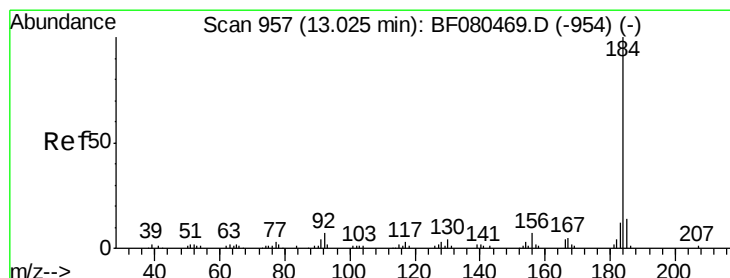
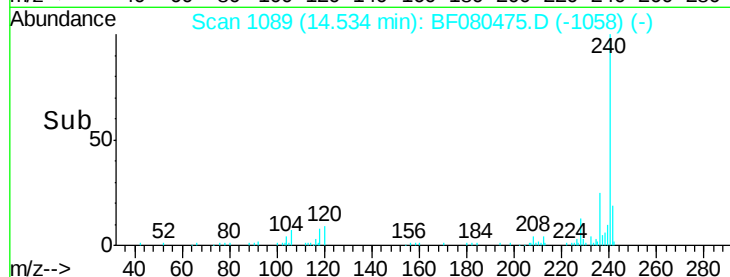
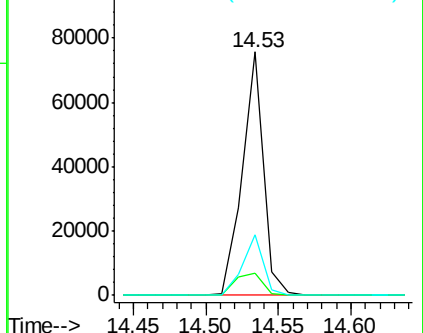
236 24.6 20.6 30.8



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: 38.54 ng

RT: 13.05 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

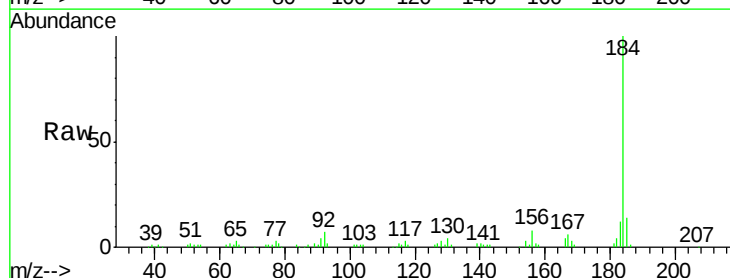
Tgt Ion:184 Resp: 87571

Ion Ratio Lower Upper

184 100

185 14.4 11.2 16.8

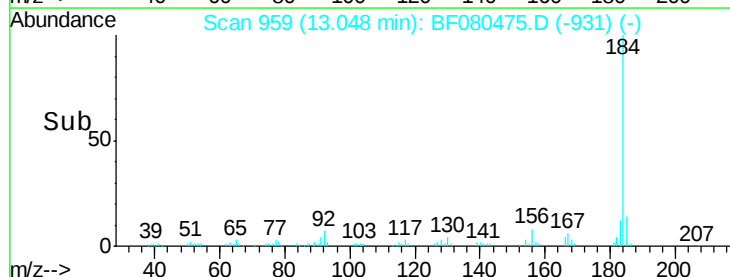
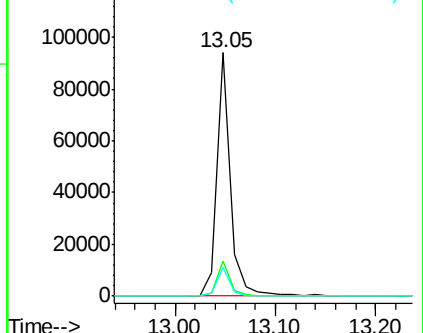
183 11.8 9.3 13.9

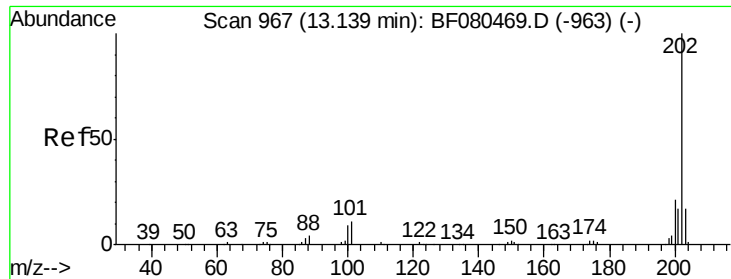


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

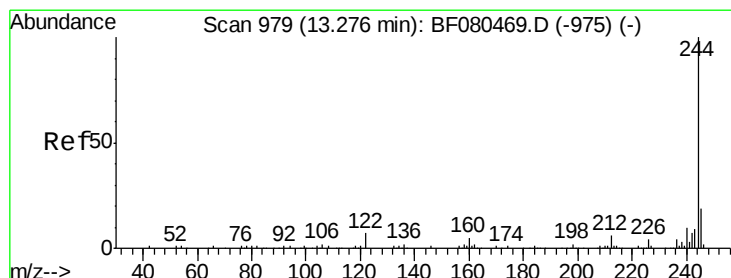
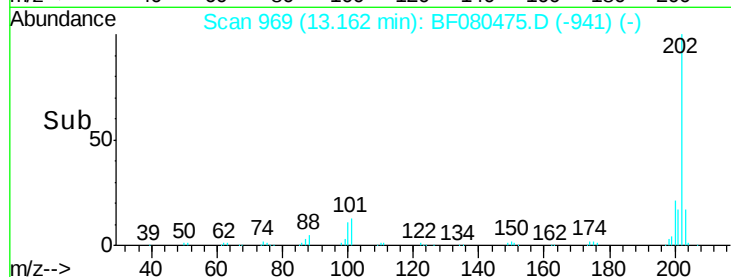
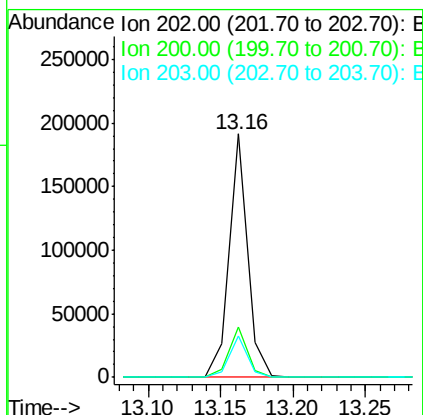
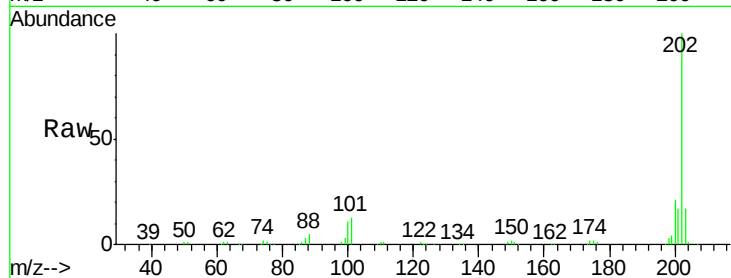




#77
 Pyrene
 Concen: 37.66 ng
 RT: 13.16 min Scan# 969
 Delta R.T. 0.02 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

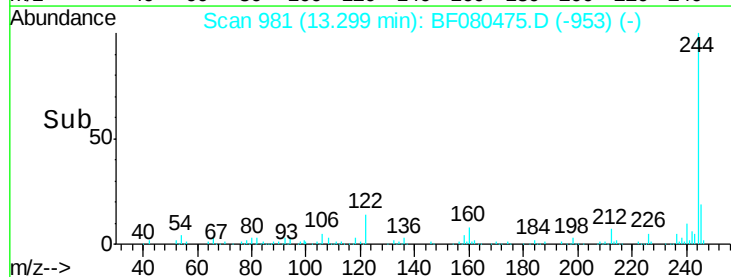
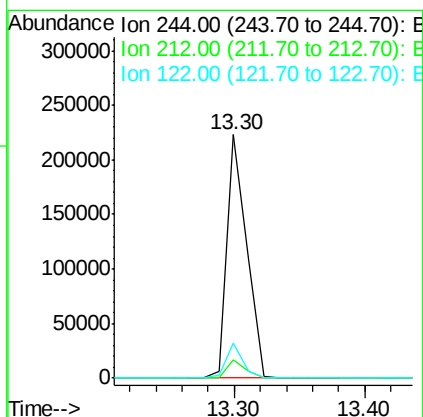
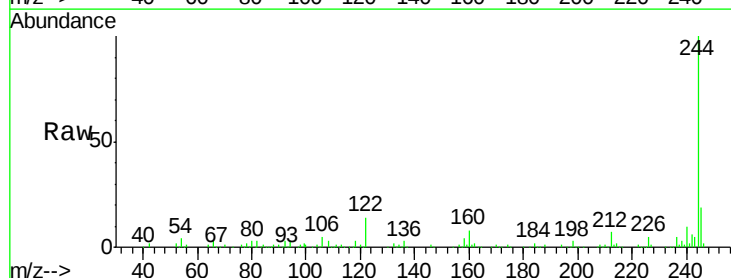
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

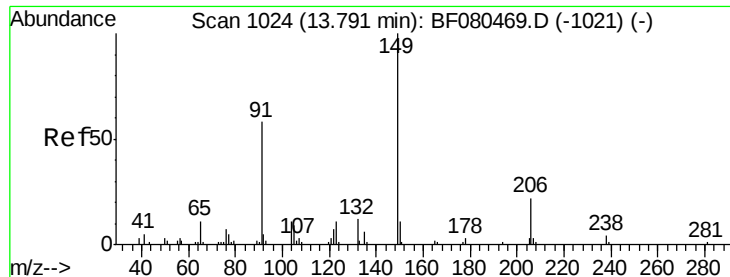
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.1	13.8	20.6



#78
 Terphenyl-d14
 Concen: 73.61 ng
 RT: 13.30 min Scan# 981
 Delta R.T. 0.02 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	14.4	5.2	7.8#

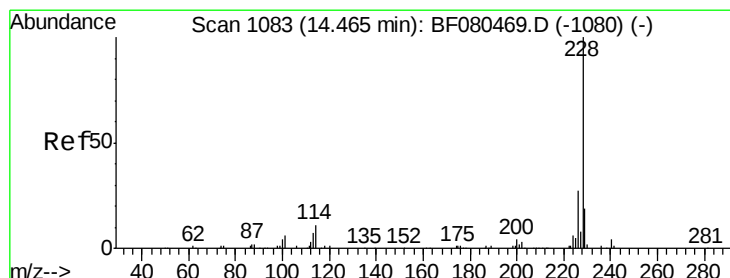
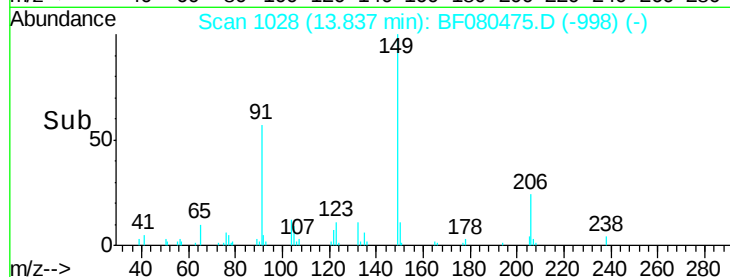
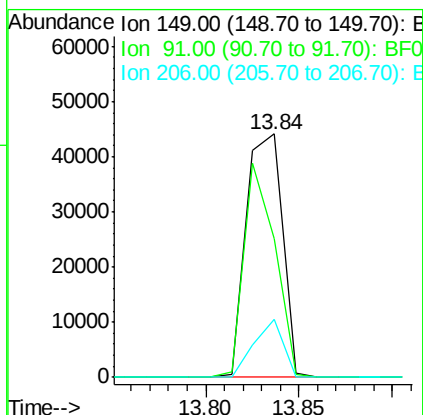
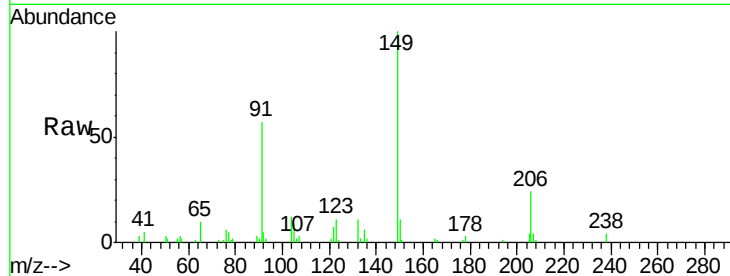




#79
Butylbenzylphthalate
Concen: 36.08 ng
RT: 13.84 min Scan# 1028
Delta R.T. 0.05 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

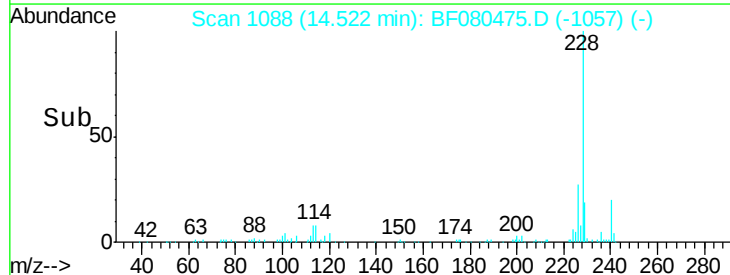
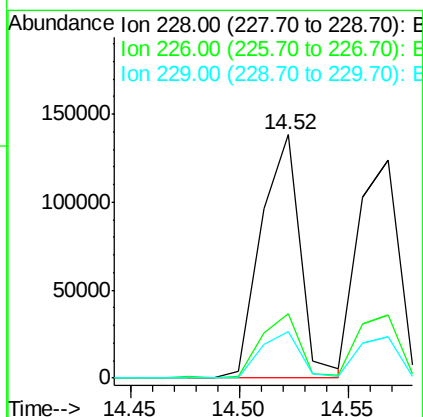
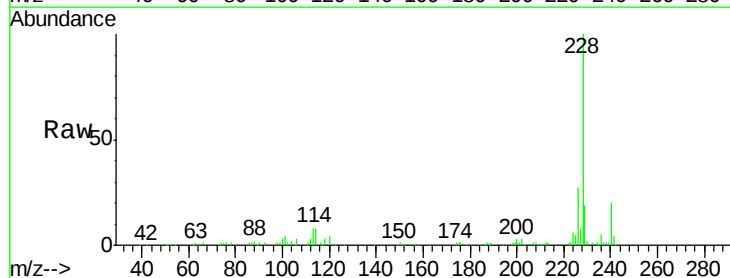
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

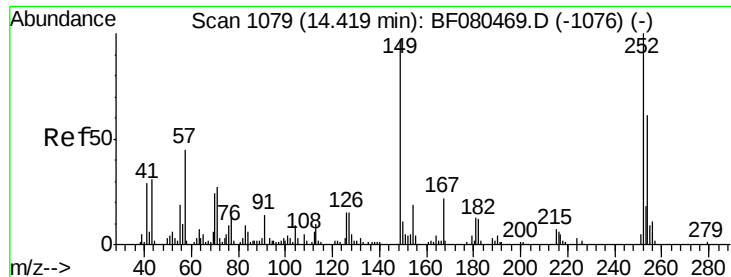
Tgt Ion:149 Resp: 59491
Ion Ratio Lower Upper
149 100
91 56.9 46.6 69.8
206 23.7 17.5 26.3



#80
Benzo(a)anthracene
Concen: 38.86 ng
RT: 14.52 min Scan# 1088
Delta R.T. 0.06 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:228 Resp: 173654
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 18.9 15.3 22.9

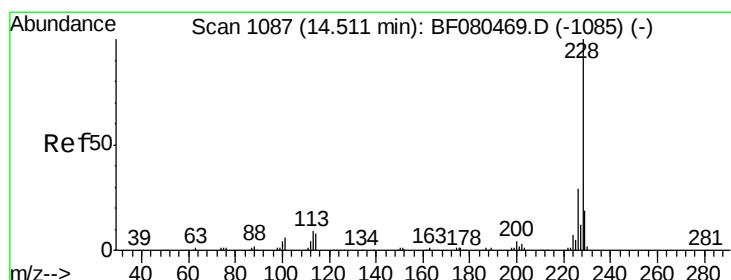
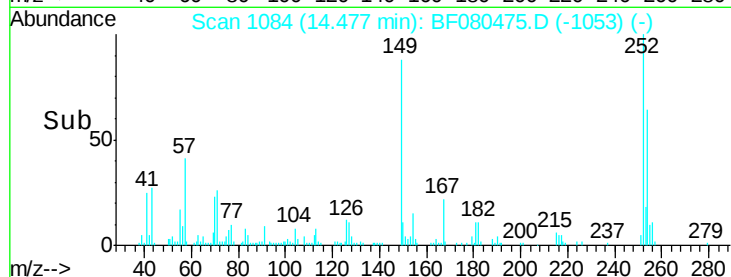
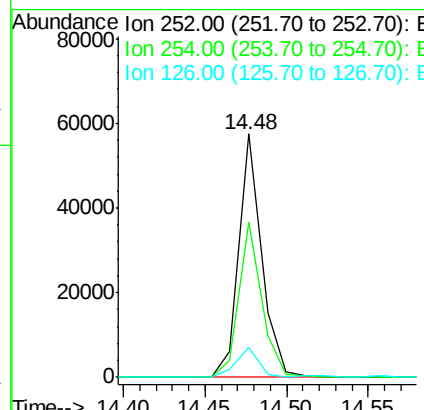
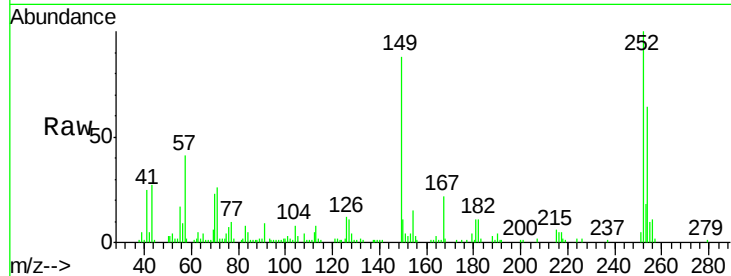




#81
 3,3'-Dichlorobenzidine
 Concen: 39.16 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. 0.06 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

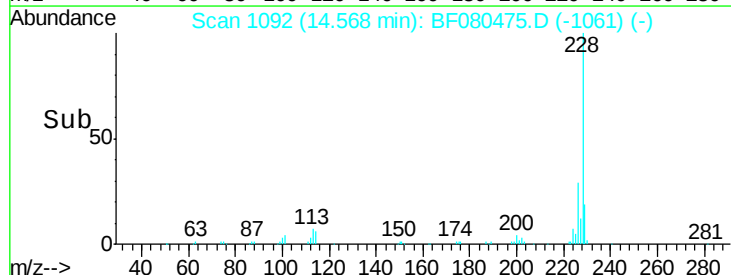
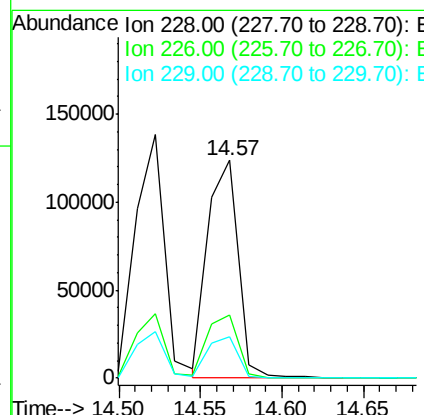
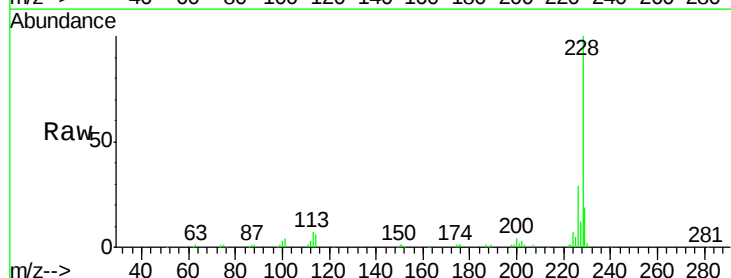
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071415

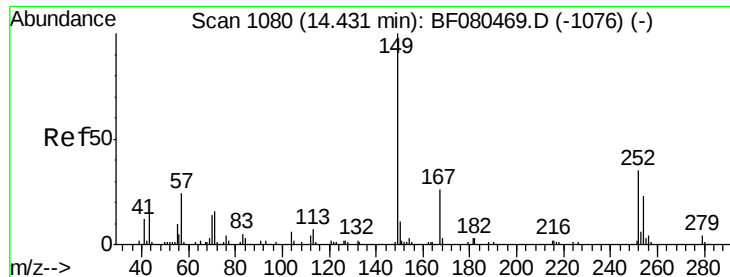
Tgt Ion: 252 Resp: 55301
 Ion Ratio Lower Upper
 252 100
 254 63.8 48.9 73.3
 126 12.3 11.7 17.5



#82
 Chrysene
 Concen: 38.08 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.06 min
 Lab File: BF080475.D
 Acq: 15 Jul 2015 5:28

Tgt Ion: 228 Resp: 162687
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.1 34.7
 229 19.1 15.3 22.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.99 ng

RT: 14.49 min Scan# 1085

Delta R.T. 0.06 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

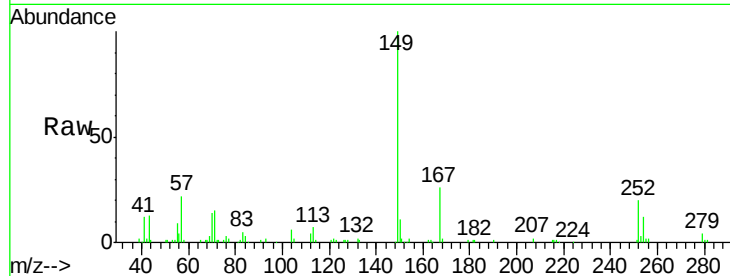
Tgt Ion:149 Resp: 91003

Ion Ratio Lower Upper

149 100

167 25.7 21.1 31.7

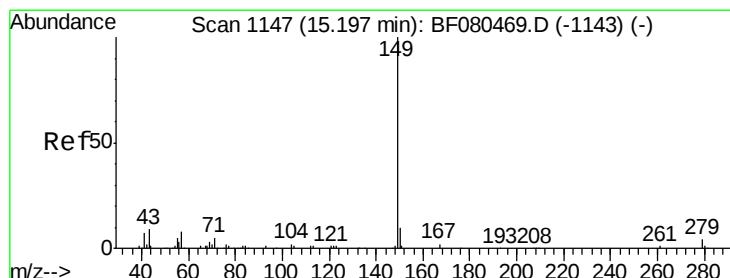
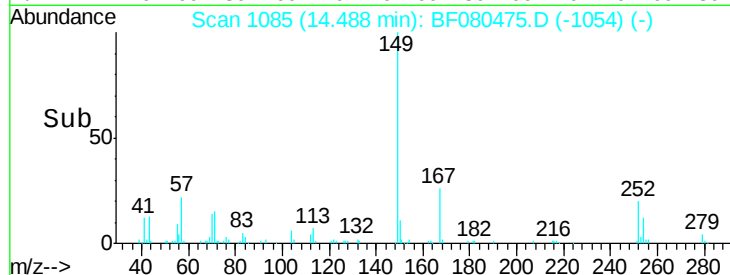
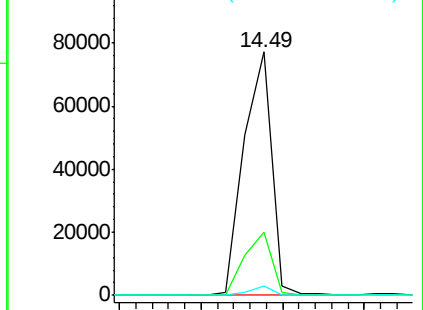
279 4.1 3.3 4.9



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: 37.15 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.06 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

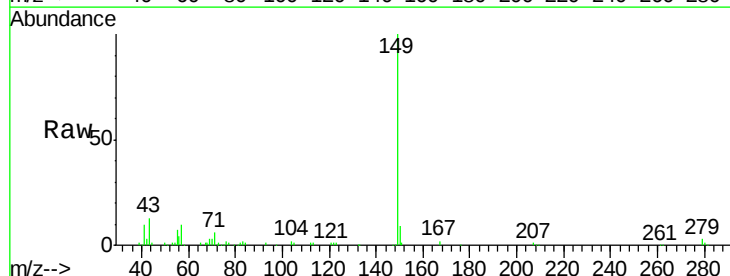
Tgt Ion:149 Resp: 159837

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

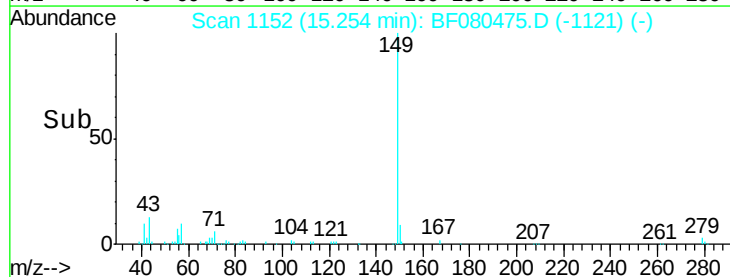
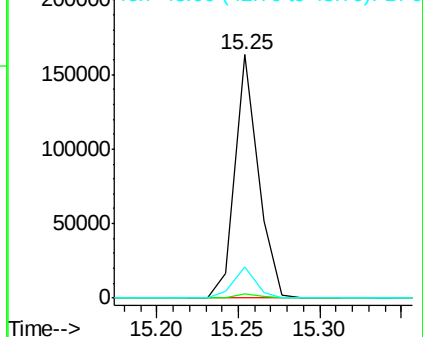
43 12.6 9.9 14.9

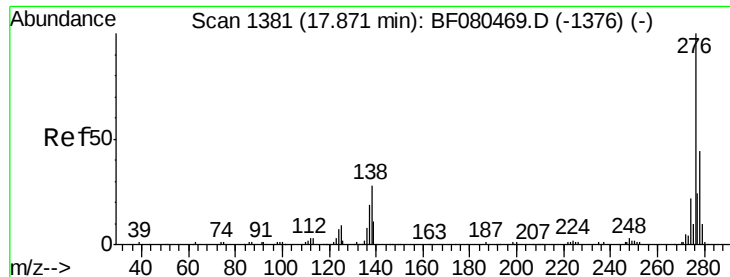


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.42 ng

RT: 17.94 min Scan# 1387

Delta R.T. 0.07 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

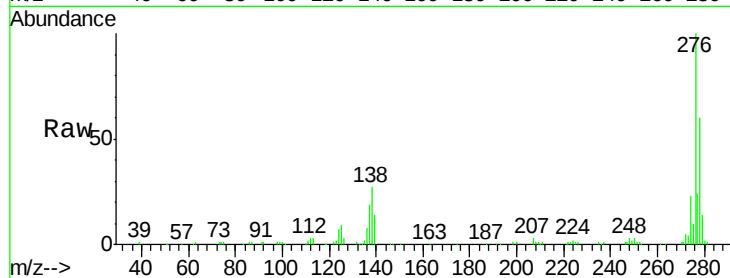
Tgt Ion: 276 Resp: 257016

Ion Ratio Lower Upper

276 100

138 28.1 23.0 34.6

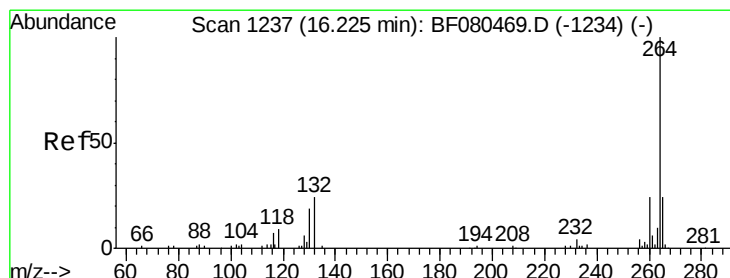
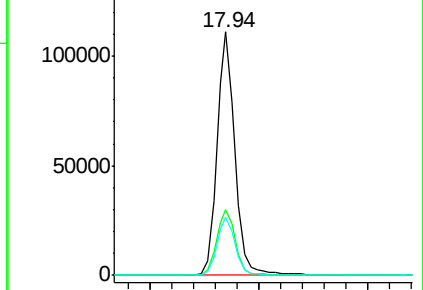
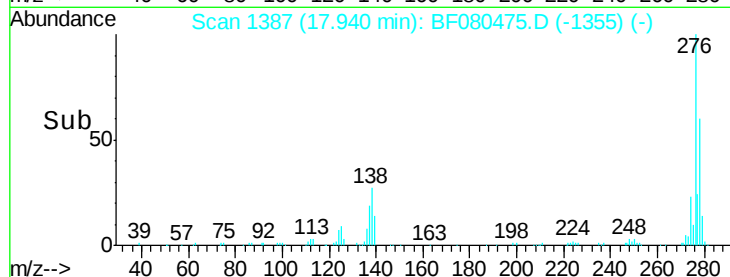
277 24.2 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1243

Delta R.T. 0.07 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

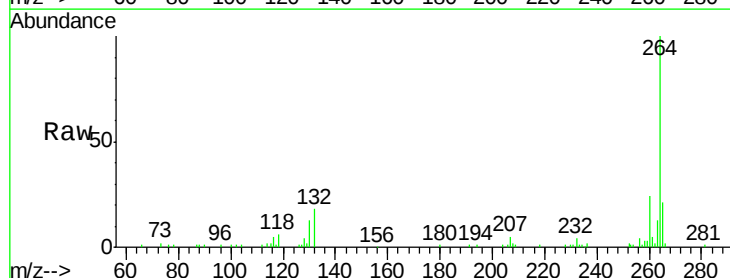
Tgt Ion: 264 Resp: 88159

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

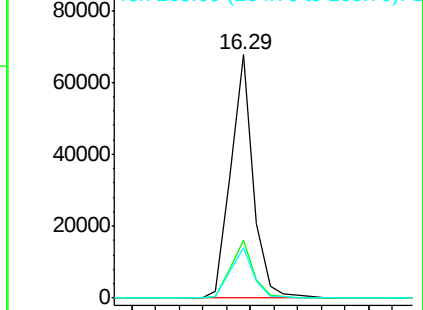
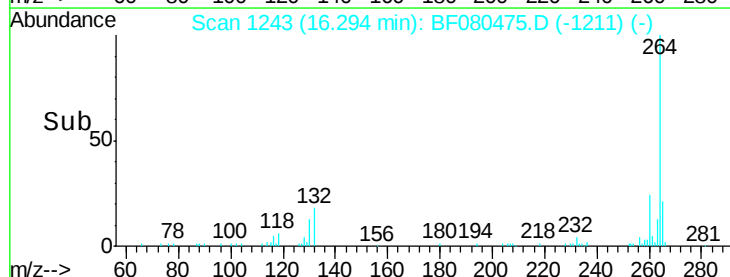
265 20.9 18.9 28.3

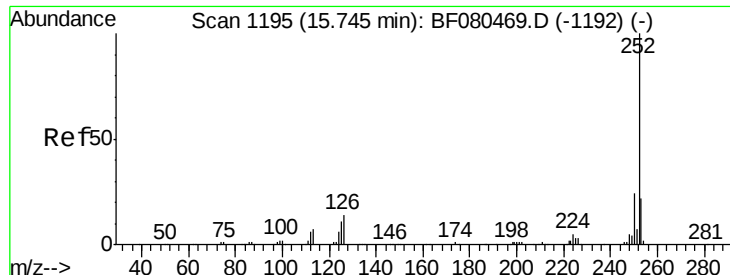


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

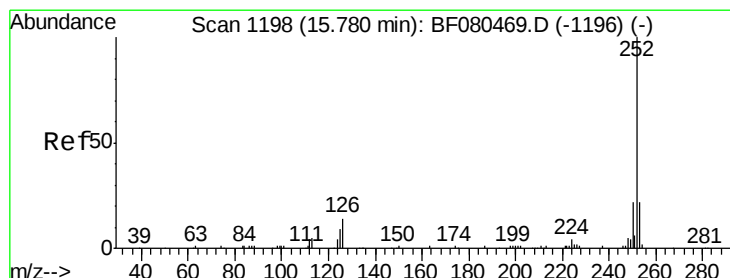
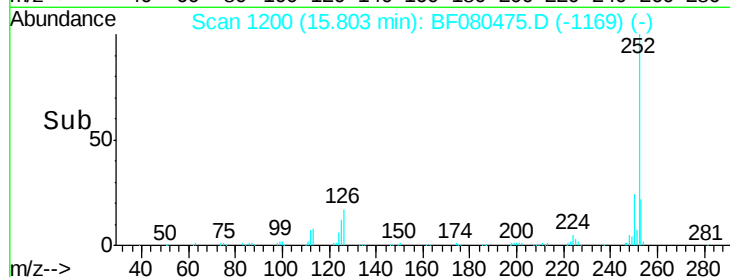
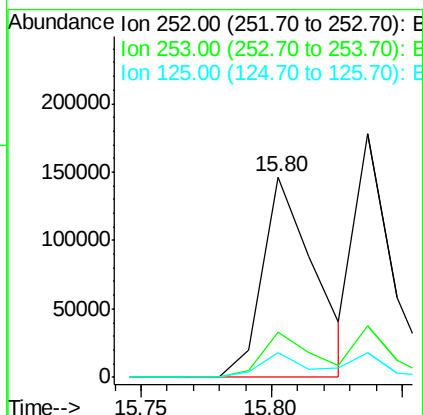
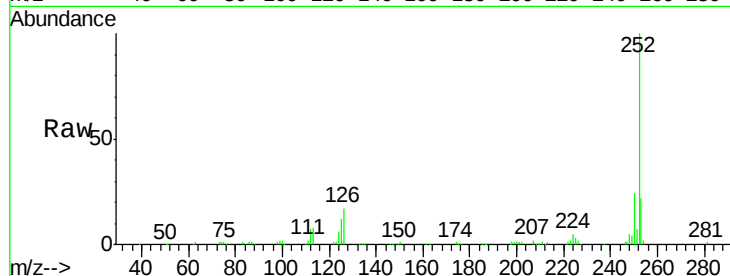




#87
Benzo(b)fluoranthene
Concen: 40.13 ng
RT: 15.80 min Scan# 1200
Delta R.T. 0.06 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

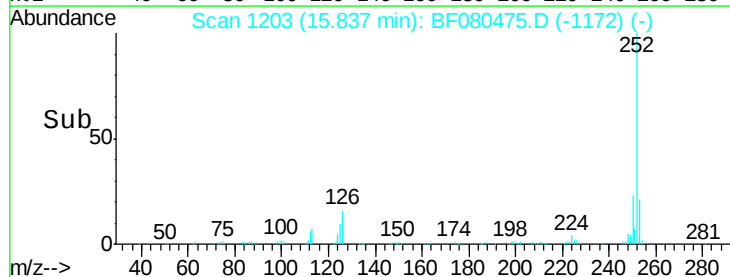
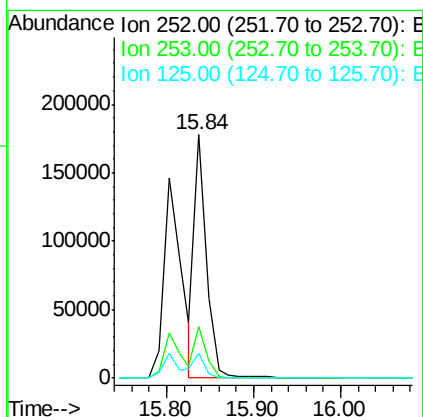
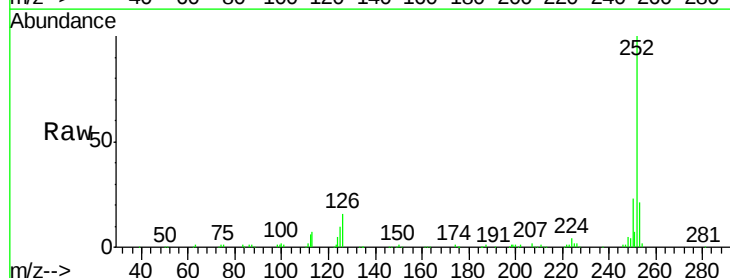
Instrument :
BNA_F
ClientSampleId :
ICVBF071415

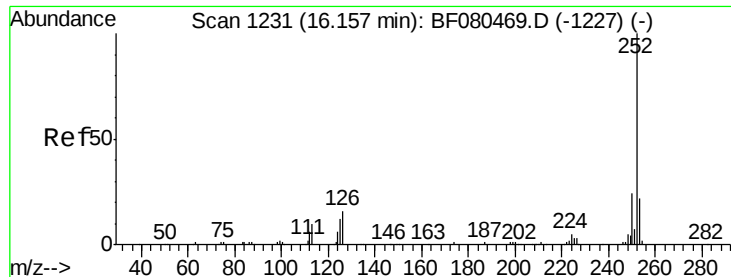
Tgt Ion:252 Resp: 202109
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.5 9.0 13.4



#88
Benzo(k)fluoranthene
Concen: 35.51 ng
RT: 15.84 min Scan# 1203
Delta R.T. 0.06 min
Lab File: BF080475.D
Acq: 15 Jul 2015 5:28

Tgt Ion:252 Resp: 172782
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 10.4 7.0 10.4





#89

Benzo(a)pyrene

Concen: 37.62 ng

RT: 16.23 min Scan# 1237

Delta R.T. 0.07 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415

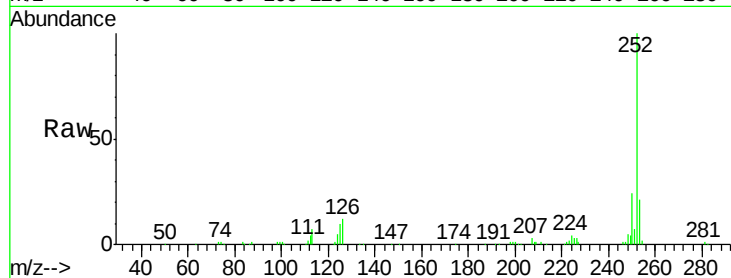
Tgt Ion: 252 Resp: 186595

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

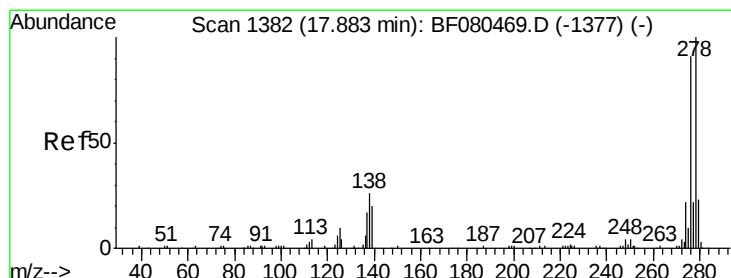
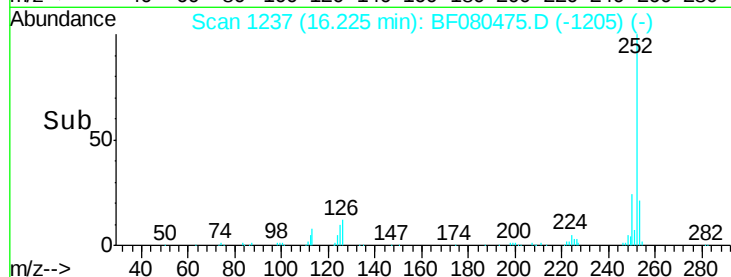
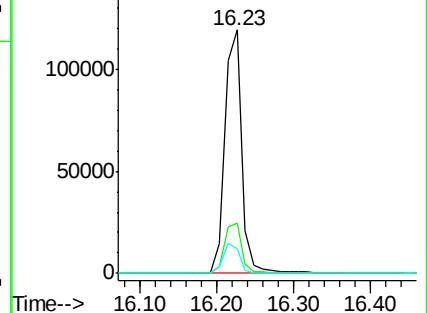
125 9.9 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.24 ng

RT: 17.95 min Scan# 1388

Delta R.T. 0.07 min

Lab File: BF080475.D

Acq: 15 Jul 2015 5:28

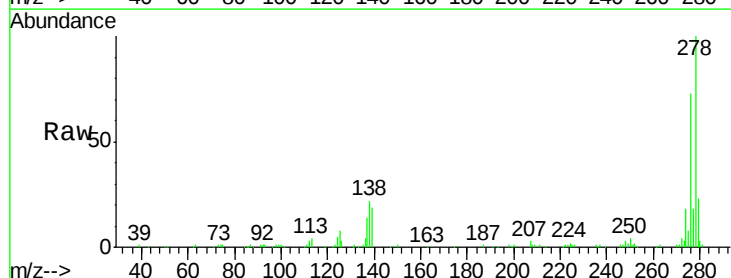
Tgt Ion: 278 Resp: 209528

Ion Ratio Lower Upper

278 100

139 18.5 16.0 24.0

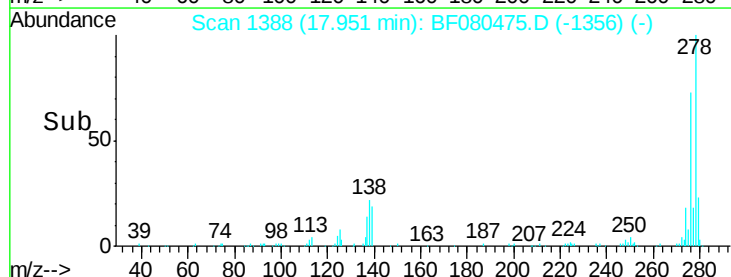
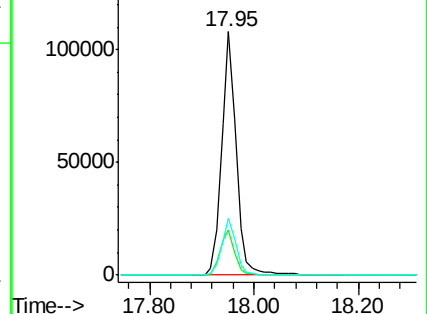
279 23.3 18.4 27.6

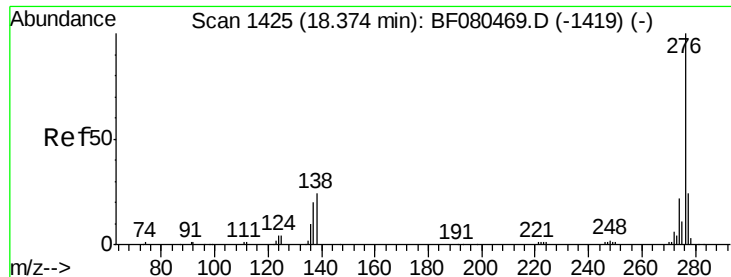


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.75 ng

RT: 18.43 min Scan# 1430

Delta R.T. 0.06 min

Lab File: BF080475.D

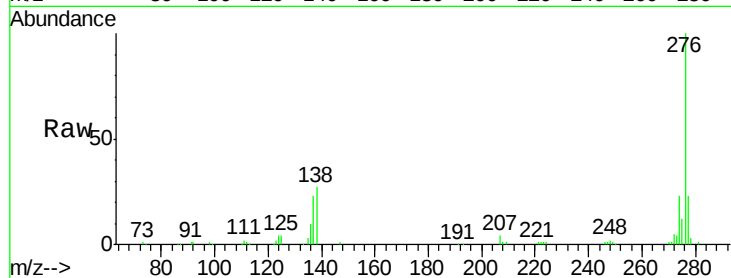
Acq: 15 Jul 2015 5:28

Instrument :

BNA_F

ClientSampleId :

ICVBF071415



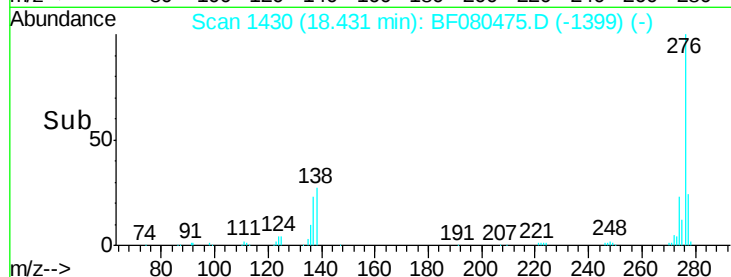
Tgt Ion: 276 Resp: 210494

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 26.5 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

