

Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080878.D
 Acq On : 5 Aug 2015 12:42
 Operator : TP/UM
 Sample : G3188-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Quant Time: Aug 05 14:23:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47655	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	168638	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	63999	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	100090	20.00	ng	0.00
75) Chrysene-d12	13.97	240	96845	20.00	ng	0.01
86) Perylene-d12	15.38	264	123345	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	378007	120.05	ng	0.01
7) Phenol-d6	6.46	99	511152	124.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	327179	91.43	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	75593	122.48	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	430581	90.59	ng	0.00
78) Terphenyl-d14	12.92	244	302514	56.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	55726	36.10	ng	95
3) Pyridine	3.22	79	169994	39.96	ng	96
4) n-Nitrosodimethylamine	3.16	42	84960	38.93	ng	96
6) Aniline	6.49	93	134513	22.46	ng	98
8) 2-Chlorophenol	6.61	128	126921	35.98	ng	97
9) Benzaldehyde	6.37	77	24726	8.61	ng	94
10) Phenol	6.48	94	171694	35.06	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	143059	39.12	ng	98
12) 1,3-Dichlorobenzene	6.76	146	130426	34.50	ng	99
13) 1,4-Dichlorobenzene	6.84	146	134820	35.54	ng	99
14) 1,2-Dichlorobenzene	7.00	146	120078	33.55	ng	97
15) Benzyl Alcohol	6.97	79	110051	40.93	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	263344	37.21	ng	99
17) 2-Methylphenol	7.08	107	106095	34.34	ng	98
18) Hexachloroethane	7.33	117	49775	34.52	ng	# 73
19) n-Nitroso-di-n-propylamine	7.24	70	98872	37.18	ng	# 96
20) 3+4-Methylphenols	7.23	107	117659	32.84	ng	# 78
22) Acetophenone	7.23	105	168396	40.89	ng	# 82
24) Nitrobenzene	7.40	77	127436	34.34	ng	# 84
25) Isophorone	7.64	82	234523	36.99	ng	# 94
26) 2-Nitrophenol	7.72	139	57992	38.09	ng	94
27) 2,4-Dimethylphenol	7.77	122	113232	39.94	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	149768	38.41	ng	98
29) 2,4-Dichlorophenol	7.96	162	83712	35.77	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	99951	37.53	ng	98
31) Naphthalene	8.13	128	343716	37.42	ng	99
32) Benzoic acid	7.77	122	113232	58.31	ng	# 8
33) 4-Chloroaniline	8.18	127	82195	22.88	ng	95
34) Hexachlorobutadiene	8.25	225	54541	35.93	ng	99
35) Caprolactam	8.52	113	24723	37.00	ng	# 86
36) 4-Chloro-3-methylphenol	8.66	107	95353	37.14	ng	97
37) 2-Methylnaphthalene	8.82	142	208391	37.86	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	78666	36.02	ng	98
40) Hexachlorocyclopentadiene	8.98	237	56554	43.12	ng	99

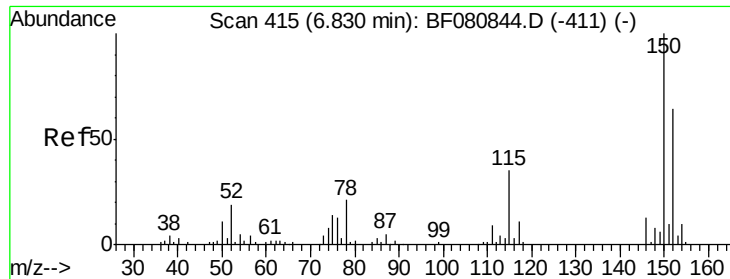
Data Path : S:\HPCHEM1\BNA_F\DATA\BF080415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	51348	34.69	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	53826	36.26	ng	# 81
45) 1,1'-Biphenyl	9.29	154	224933	38.13	ng	99
46) 2-Chloronaphthalene	9.31	162	168353	36.69	ng	98
47) 2-Nitroaniline	9.40	65	66817	40.00	ng	92
48) Acenaphthylene	9.72	152	296071	39.21	ng	99
49) Dimethylphthalate	9.58	163	283739	60.79	ng	99
50) 2,6-Dinitrotoluene	9.64	165	41336	42.35	ng	91
51) Acenaphthene	9.89	154	171041	37.68	ng	99
52) 3-Nitroaniline	9.80	138	34879	28.93	ng	# 65
53) 2,4-Dinitrophenol	9.92	184	9000	19.43	ng	93
54) Dibenzofuran	10.06	168	244817	40.45	ng	98
55) 4-Nitrophenol	9.96	139	60572	71.41	ng	# 86
56) 2,4-Dinitrotoluene	10.04	165	51555	41.83	ng	95
57) Fluorene	10.41	166	174902	37.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	36895	34.63	ng	92
59) Diethylphthalate	10.28	149	198987	43.06	ng	100
60) 4-Chlorophenyl-phenylether	10.40	204	77523	40.88	ng	98
61) 4-Nitroaniline	10.42	138	35870	33.33	ng	86
62) Azobenzene	10.56	77	202335	37.44	ng	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	10079	15.65	ng	# 1
65) n-Nitrosodiphenylamine	10.51	169	138514	36.12	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	46571	42.04	ng	98
67) Hexachlorobenzene	10.96	284	43513	35.96	ng	# 59
68) Atrazine	11.05	200	44033	44.12	ng	98
69) Pentachlorophenol	11.14	266	43587	66.11	ng	99
70) Phenanthrene	11.36	178	233234	40.33	ng	100
71) Anthracene	11.41	178	241953	43.06	ng	99
72) Carbazole	11.56	167	201155	37.95	ng	100
73) Di-n-butylphthalate	11.90	149	278534	44.38	ng	99
74) Fluoranthene	12.54	202	267866	47.56	ng	99
76) Benzidine	12.67	184	160040	34.14	ng	99
77) Pyrene	12.77	202	274220	31.56	ng	99
79) Butylbenzylphthalate	13.40	149	107919	30.37	ng	# 67
80) Benzo(a)anthracene	13.96	228	265251	40.94	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	92664	38.50	ng	# 94
82) Chrysene	14.00	228	268337	40.65	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	165593	34.90	ng	97
84) Di-n-octyl phthalate	14.57	149	325154	40.78	ng	97
85) Indeno(1,2,3-cd)pyrene	16.75	276	292394	53.95	ng	100
87) Benzo(b)fluoranthene	14.98	252	611227	66.25	ng	96
88) Benzo(k)fluoranthene	14.98	252	611227	86.06	ng	96
89) Benzo(a)pyrene	15.32	252	299486	39.77	ng	98
90) Dibenzo(a,h)anthracene	16.76	278	243123	37.16	ng	99
91) Benzo(g,h,i)perylene	17.16	276	233538	36.93	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

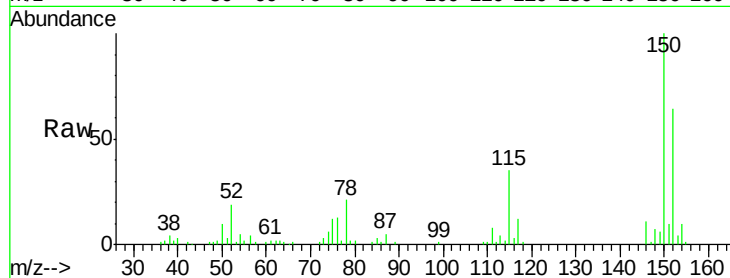
Tgt Ion:152 Resp: 47655

Ion Ratio Lower Upper

152 100

150 156.6 124.6 187.0

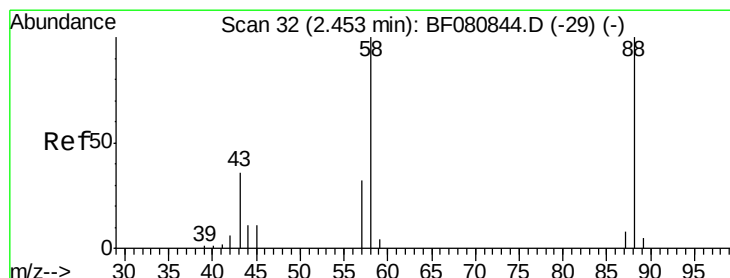
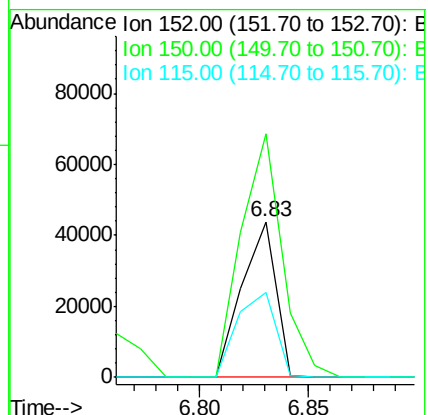
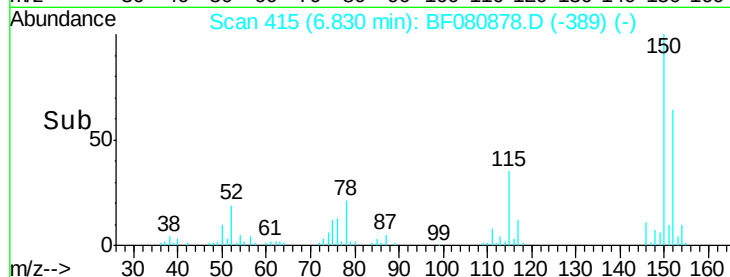
115 54.3 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.10 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.06 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

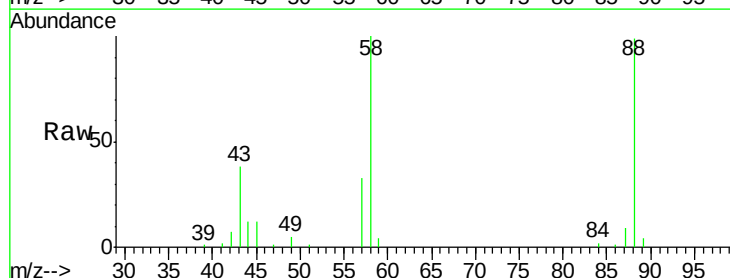
Tgt Ion: 88 Resp: 55726

Ion Ratio Lower Upper

88 100

58 104.9 79.2 118.8

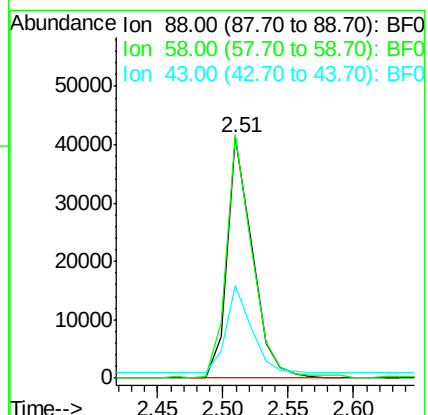
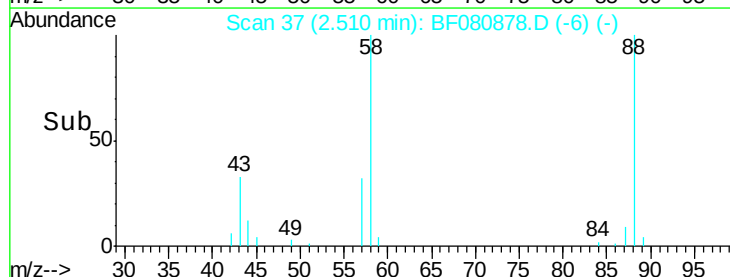
43 37.0 28.1 42.1

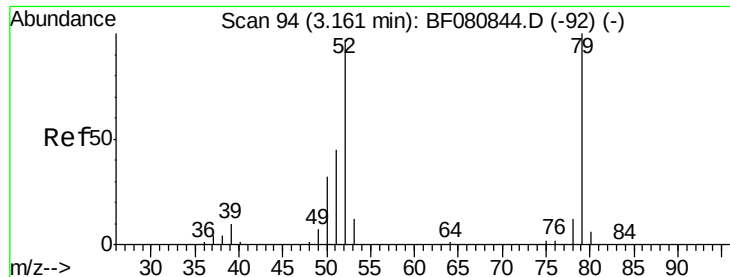


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.96 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

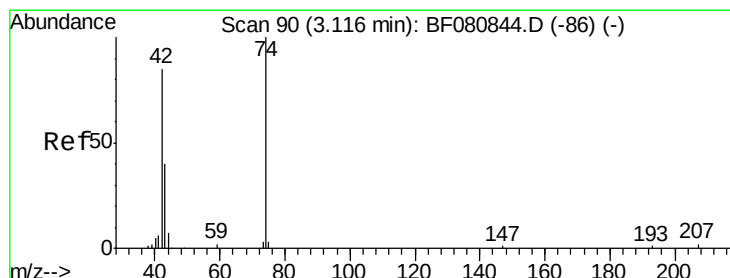
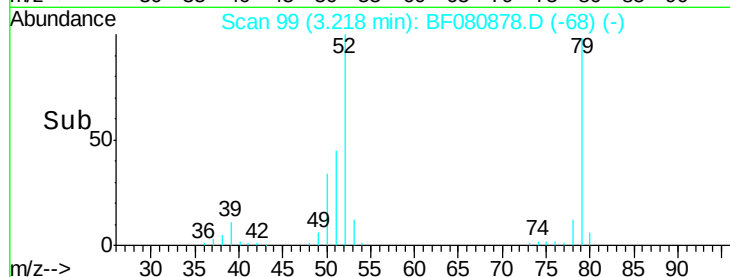
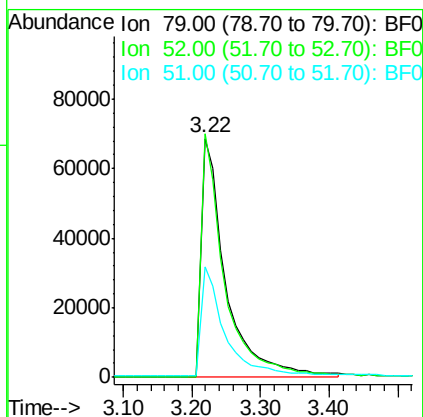
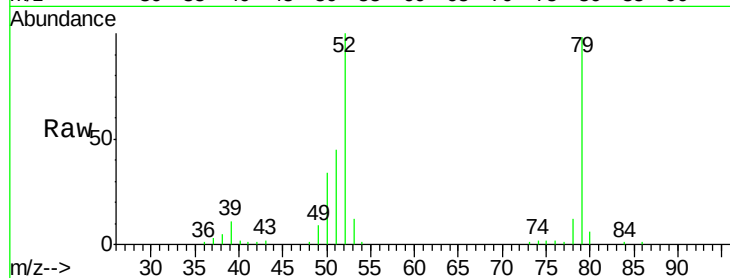
Tgt Ion: 79 Resp: 169994

Ion Ratio Lower Upper

79 100

52 102.1 77.7 116.5

51 46.2 36.1 54.1



#4

n-Nitrosodimethylamine

Concen: 38.93 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.05 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

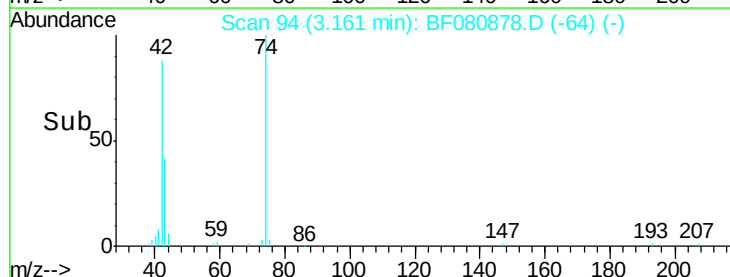
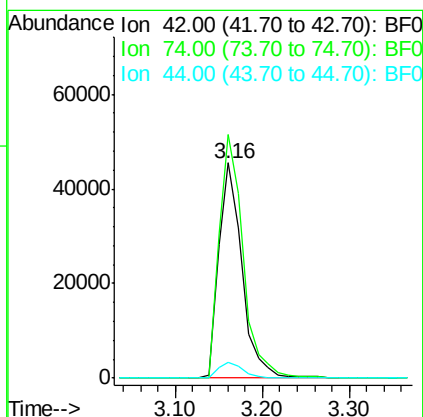
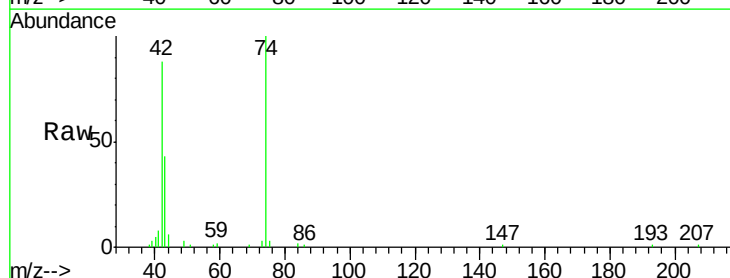
Tgt Ion: 42 Resp: 84960

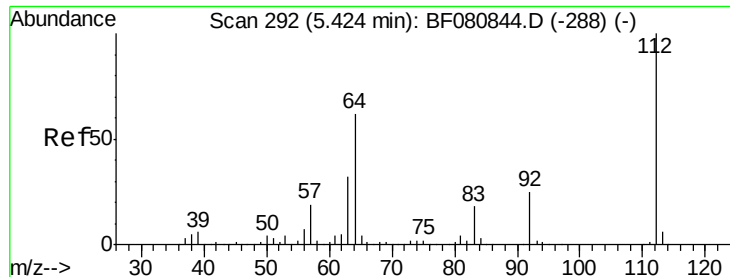
Ion Ratio Lower Upper

42 100

74 113.0 94.3 141.5

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 120.05 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

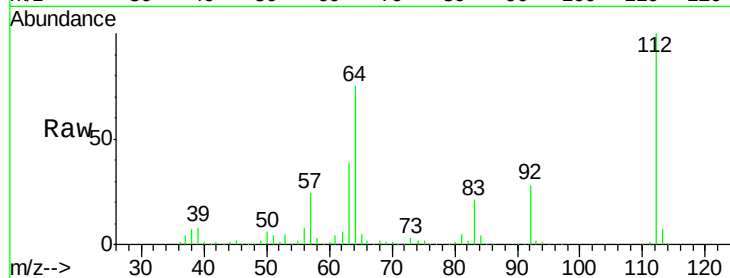
Tgt Ion: 112 Resp: 378007

Ion Ratio Lower Upper

112 100

64 74.8 49.5 74.3#

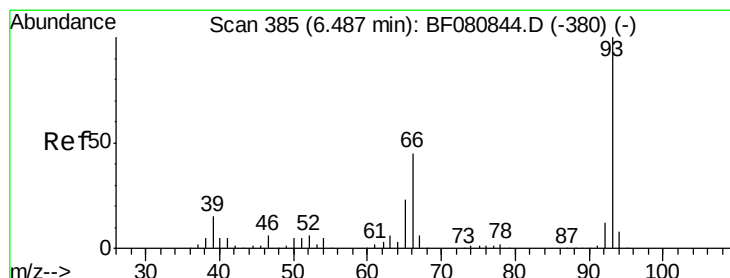
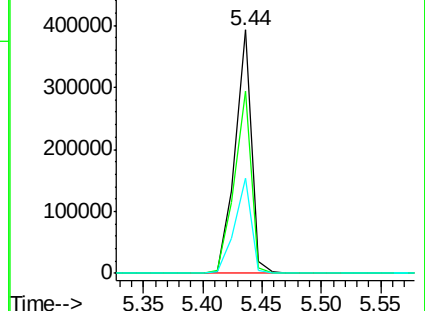
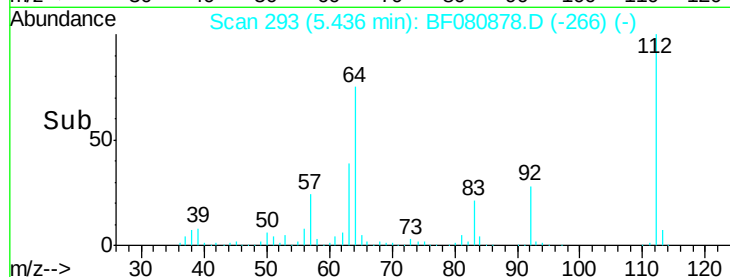
63 39.3 25.3 37.9#



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: 22.46 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

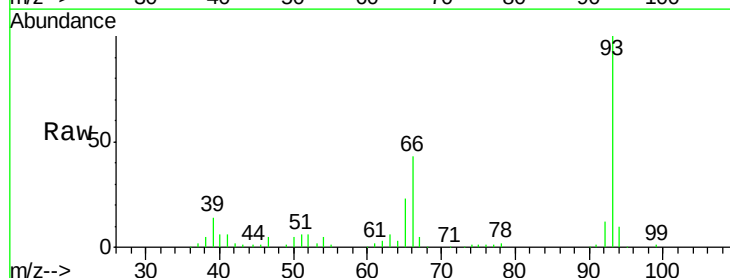
Tgt Ion: 93 Resp: 134513

Ion Ratio Lower Upper

93 100

66 43.3 35.8 53.6

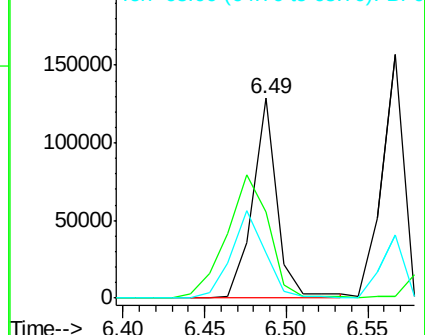
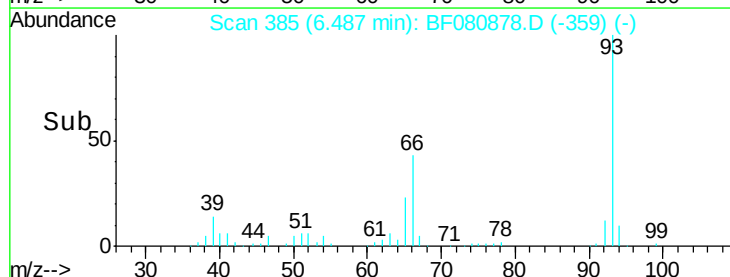
65 22.6 18.2 27.2

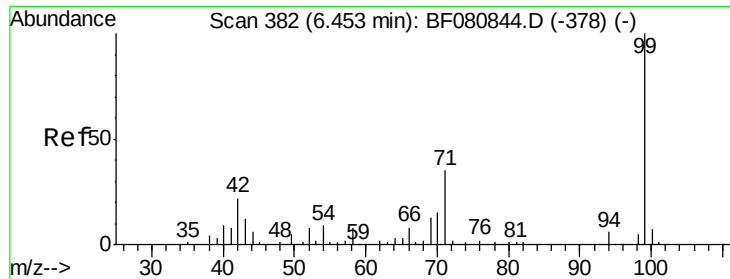


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.18 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

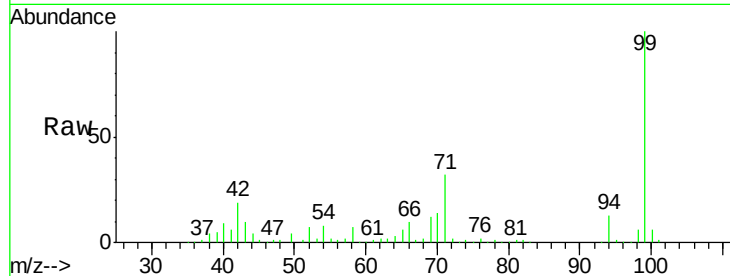
Tgt Ion: 99 Resp: 511152

Ion Ratio Lower Upper

99 100

42 18.6 17.9 26.9

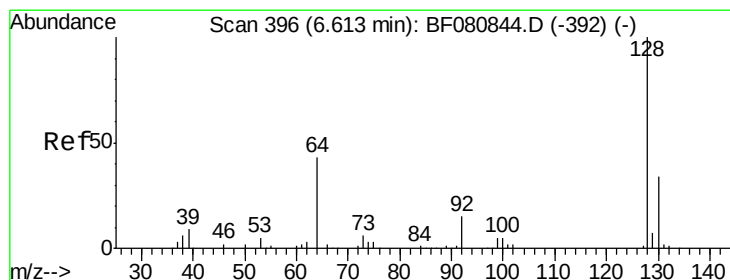
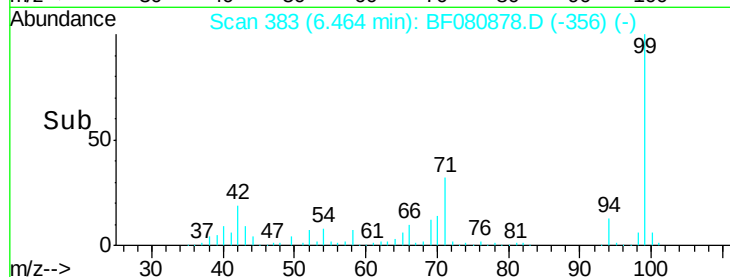
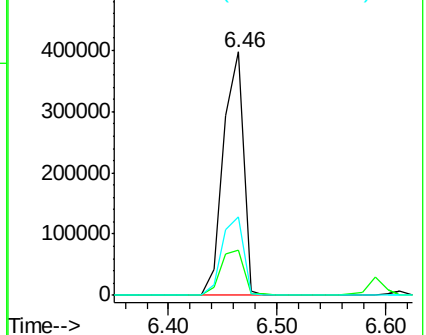
71 32.2 28.2 42.4



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: 35.98 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

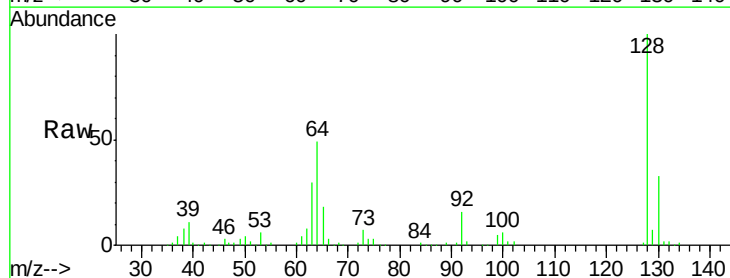
Tgt Ion: 128 Resp: 126921

Ion Ratio Lower Upper

128 100

130 33.1 13.9 53.9

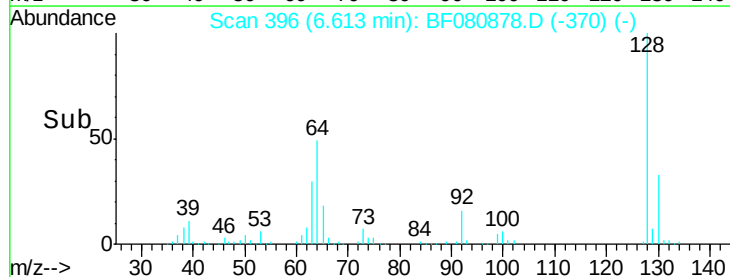
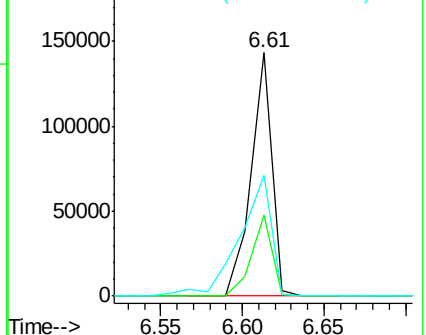
64 49.4 26.2 66.2

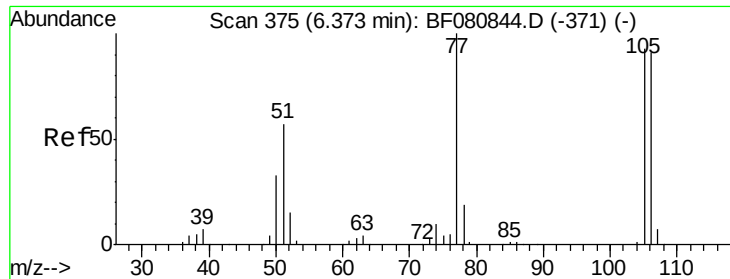


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.61 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

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FK-EF-01-003-ABCDMS

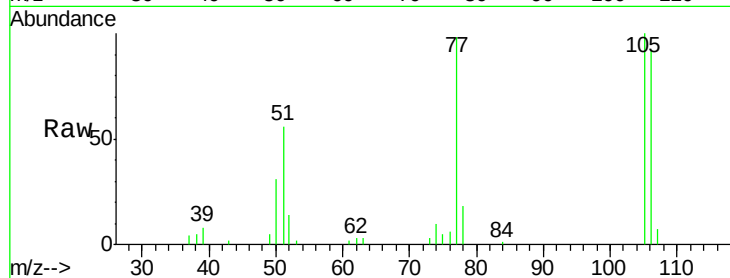
Tgt Ion: 77 Resp: 24726

Ion Ratio Lower Upper

77 100

105 101.7 73.5 113.5

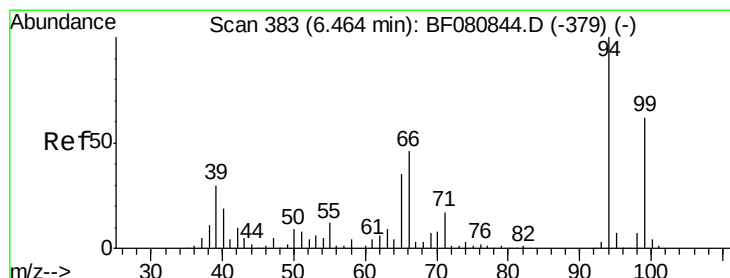
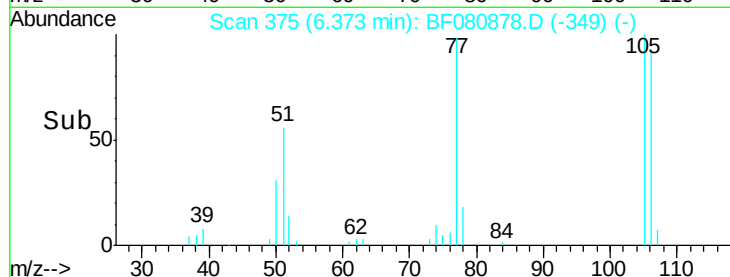
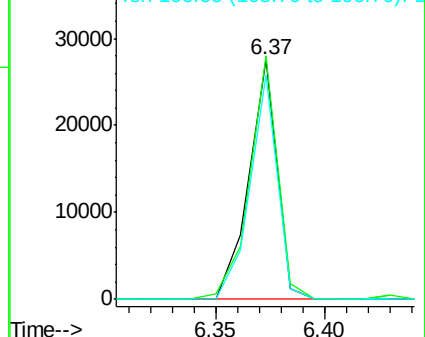
106 93.8 70.8 110.8



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: 35.06 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

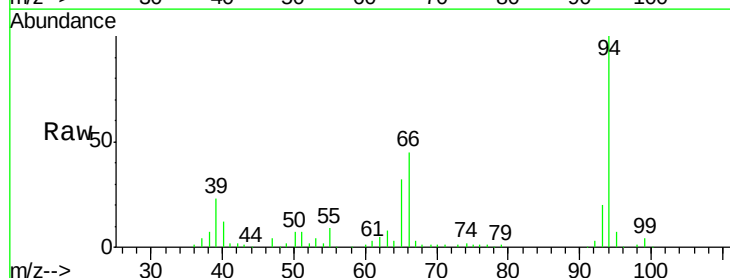
Tgt Ion: 94 Resp: 171694

Ion Ratio Lower Upper

94 100

65 31.7 15.2 55.2

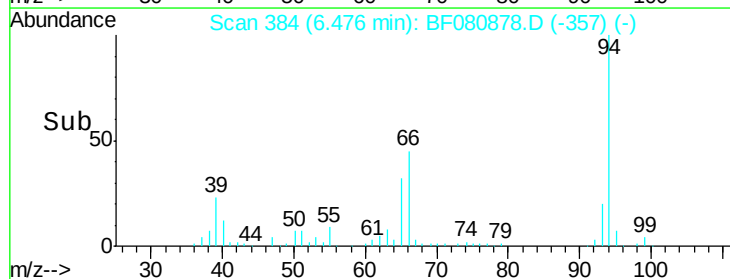
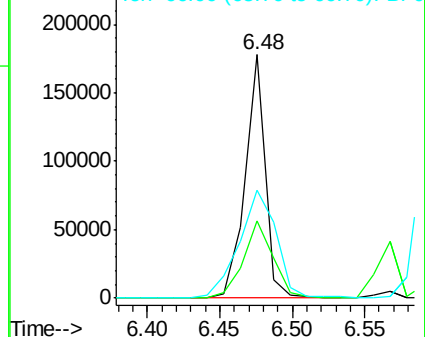
66 44.6 25.9 65.9

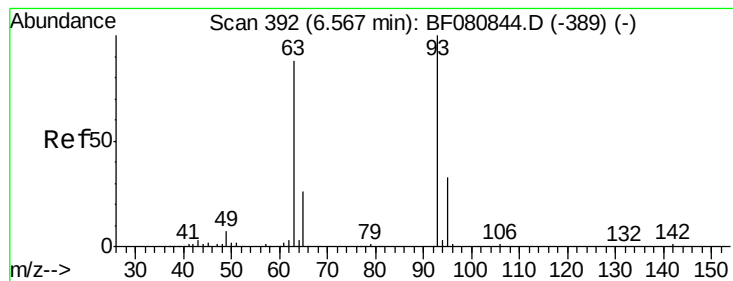


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

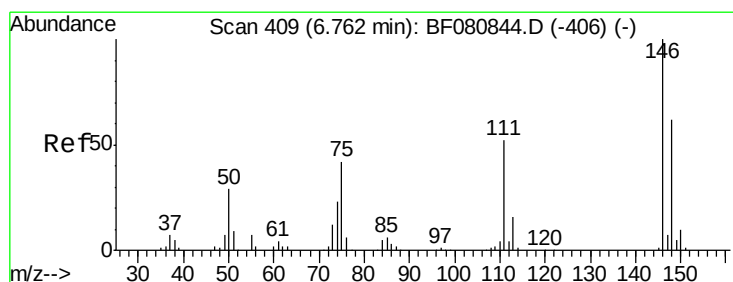
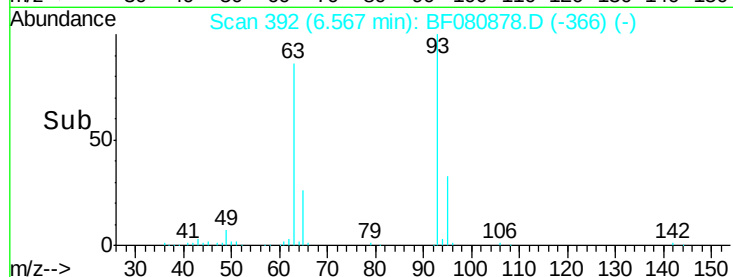
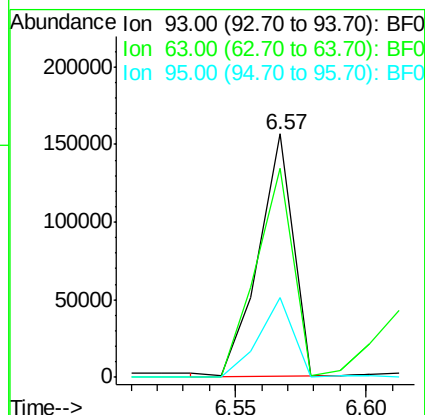
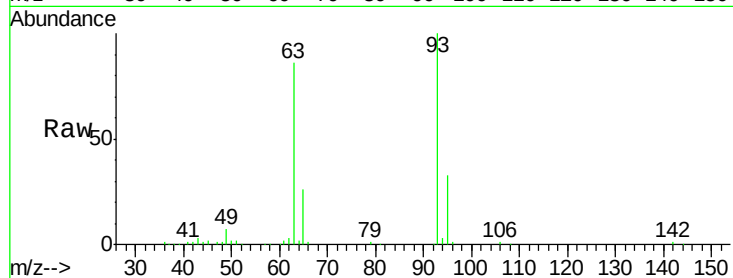




#11
 bis(2-Chloroethyl)ether
 Concen: 39.12 ng
 RT: 6.57 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

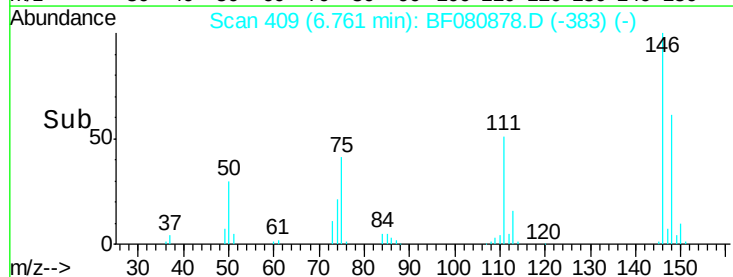
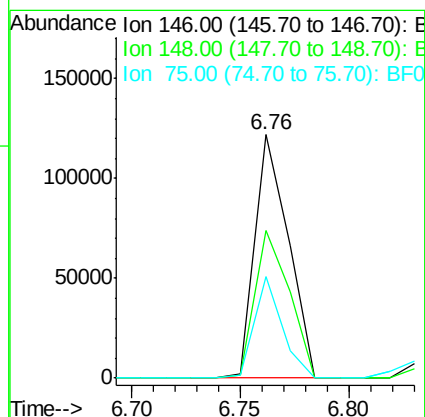
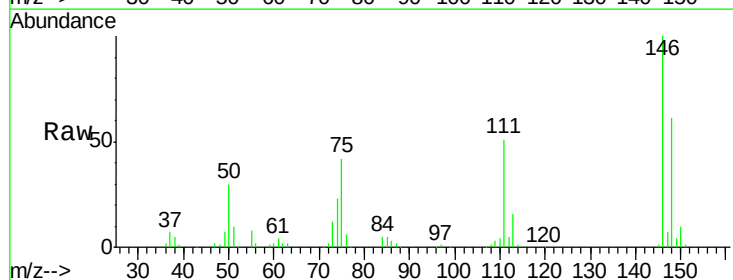
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

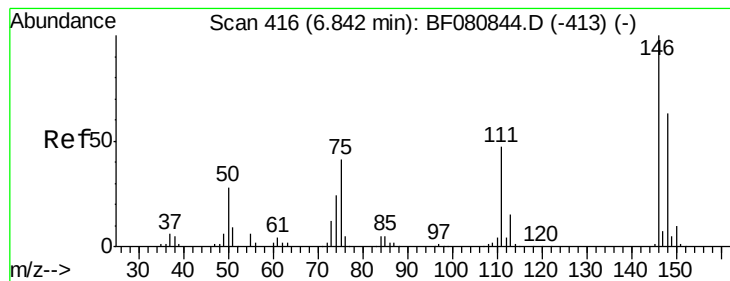
Tgt Ion: 93 Resp: 143059
 Ion Ratio Lower Upper
 93 100
 63 85.8 67.6 107.6
 95 32.5 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 34.50 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion: 146 Resp: 130426
 Ion Ratio Lower Upper
 146 100
 148 60.6 49.7 74.5
 75 41.8 33.5 50.3





#13

1,4-Dichlorobenzene

Concen: 35.54 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

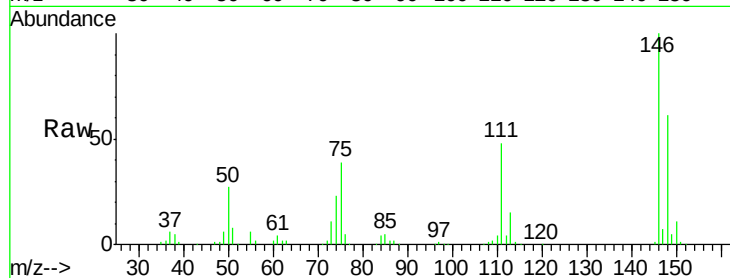
Tgt Ion:146 Resp: 134820

Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

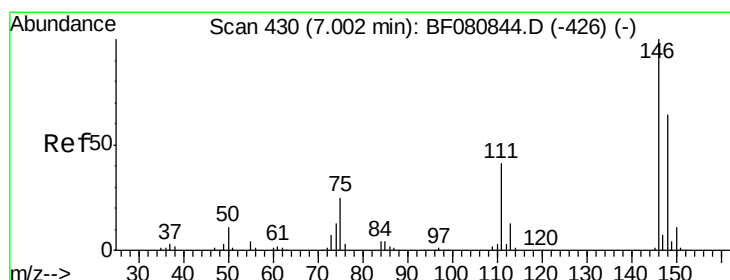
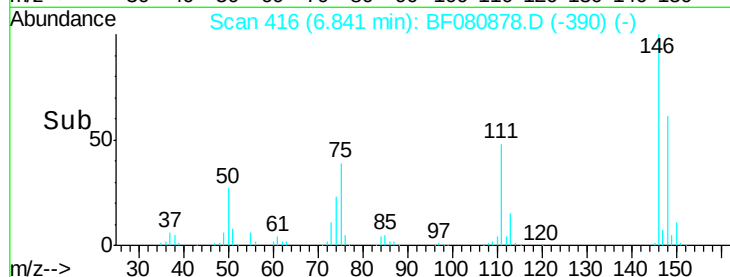
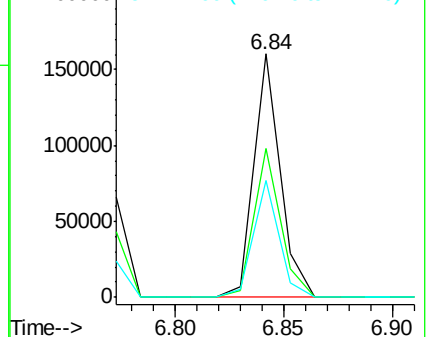
111 47.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.55 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

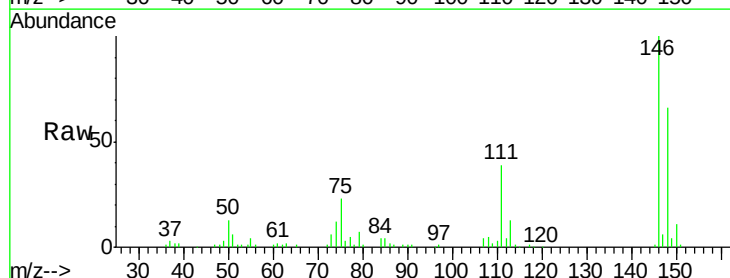
Tgt Ion:146 Resp: 120078

Ion Ratio Lower Upper

146 100

148 66.2 51.0 76.6

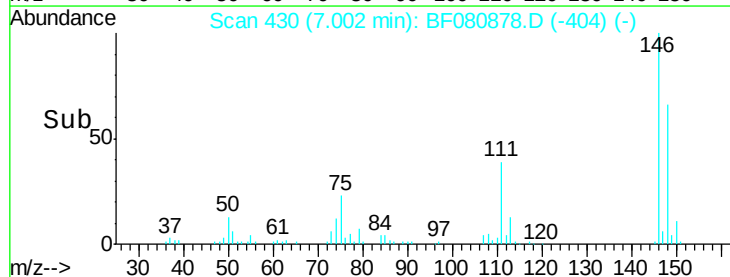
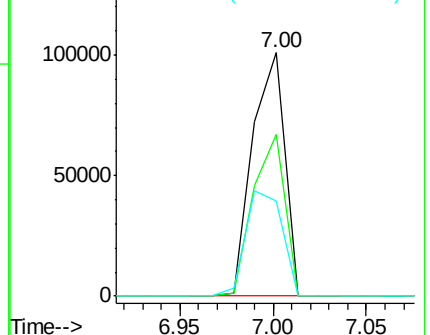
111 38.9 32.7 49.1

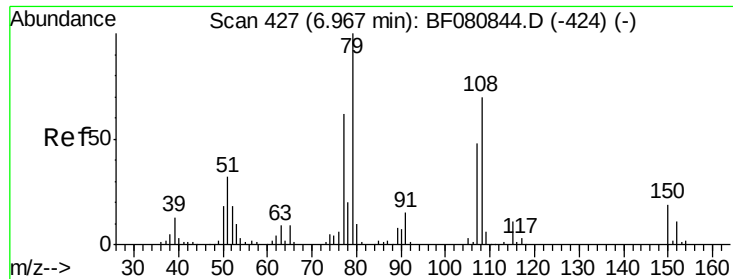


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.93 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

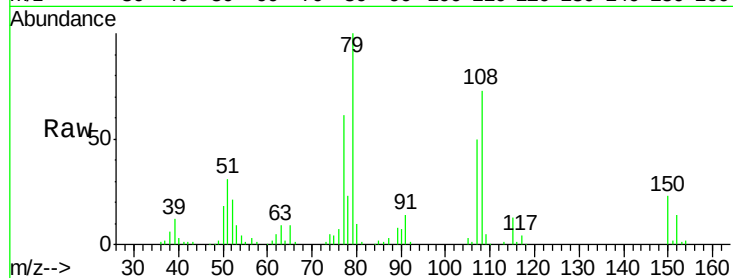
Tgt Ion: 79 Resp: 110051

Ion Ratio Lower Upper

79 100

108 73.1 55.9 83.9

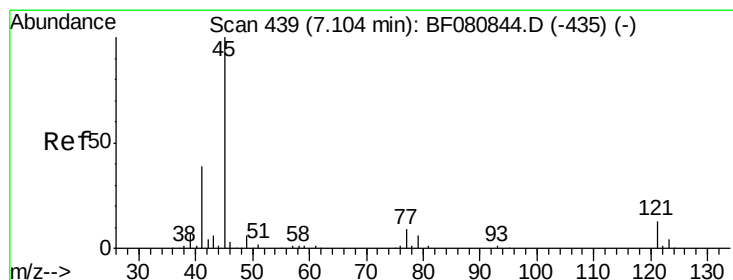
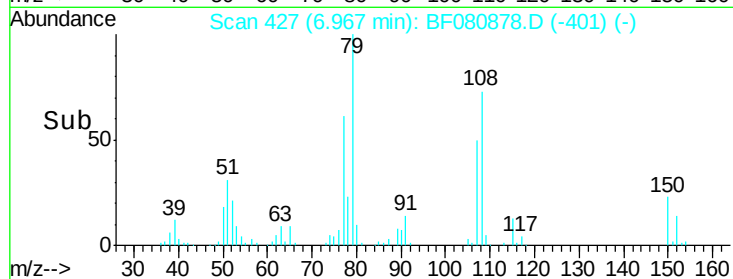
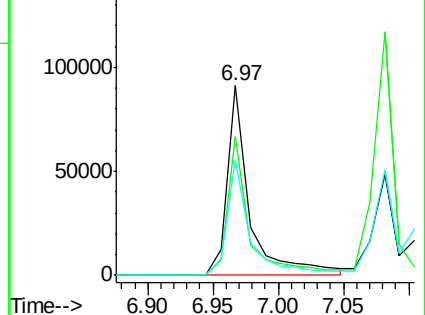
77 61.0 49.4 74.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.21 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

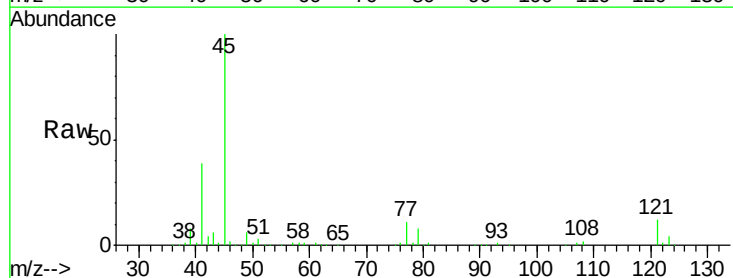
Tgt Ion: 45 Resp: 263344

Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.5

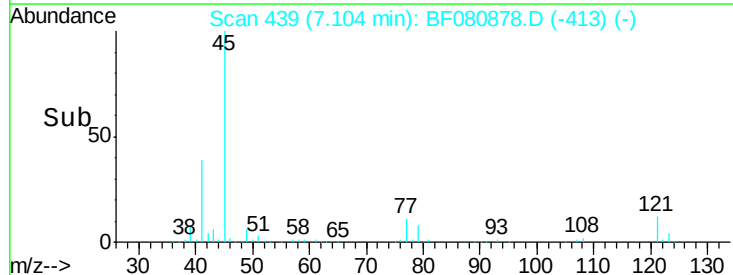
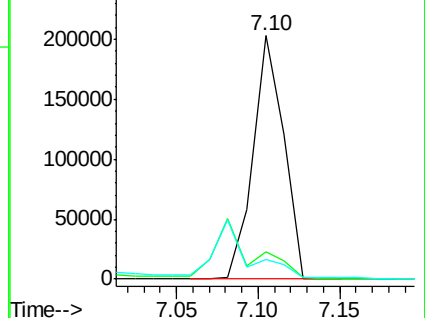
79 8.2 0.0 28.2

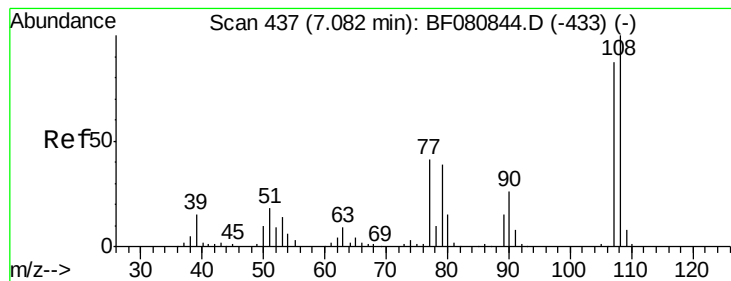


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

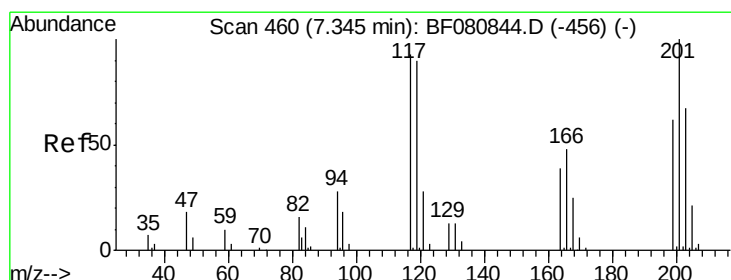
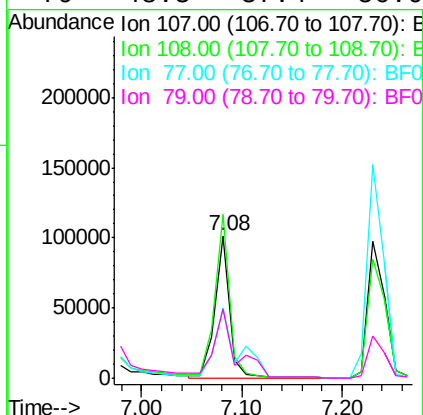
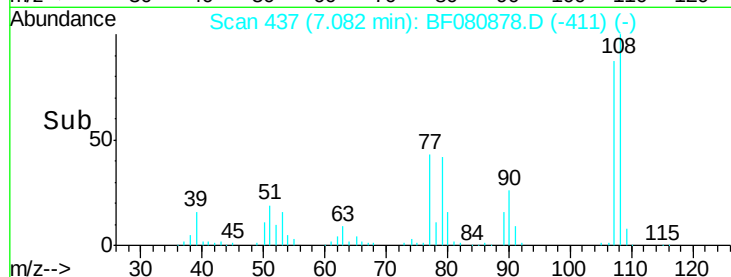
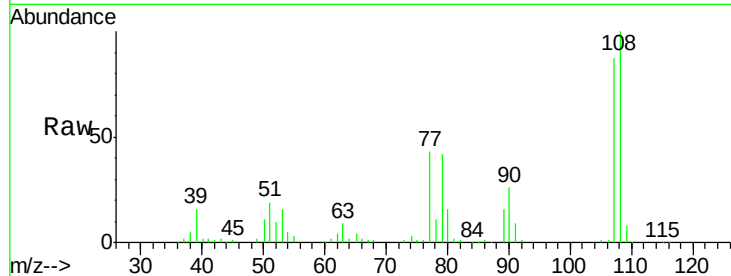




#17
2-Methylphenol
Concen: 34.34 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

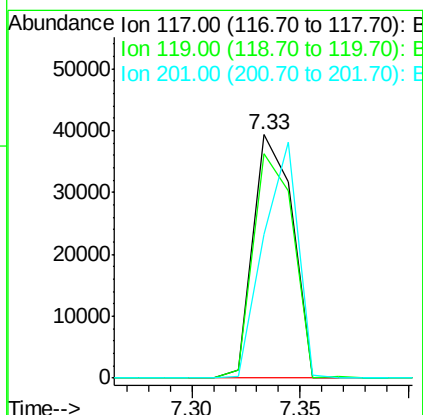
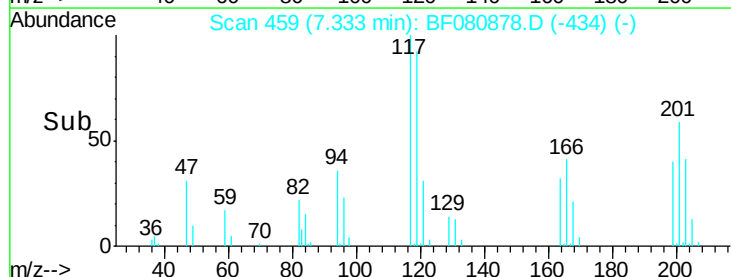
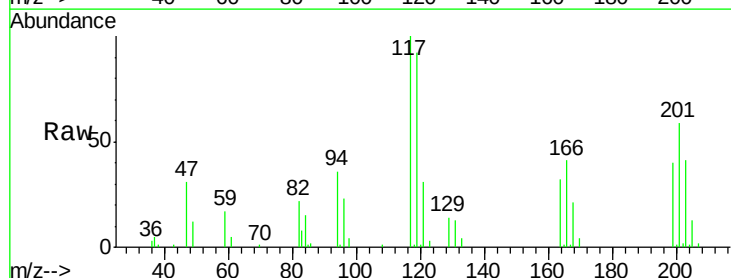
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

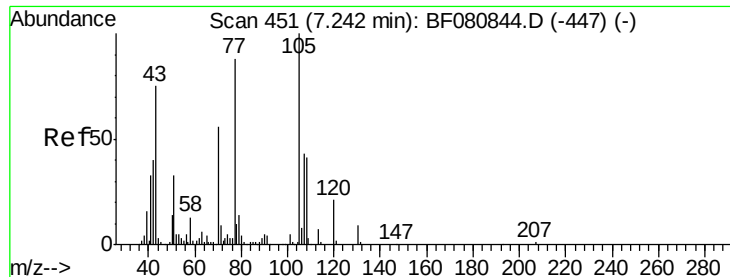
Tgt Ion:	107	Resp:	106095
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.8	137.8
77	49.7	38.2	57.2
79	48.3	37.4	56.0



#18
Hexachloroethane
Concen: 34.52 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion:	117	Resp:	49775
Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.4	116.0
201	58.9	85.8	128.6#

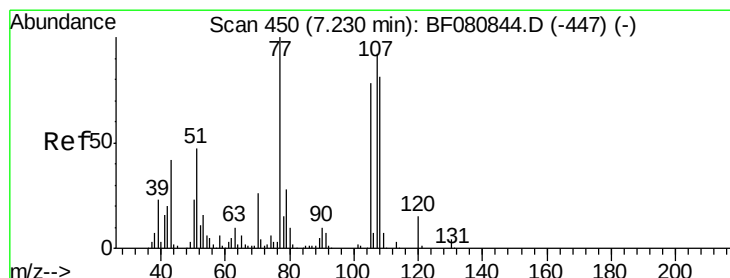
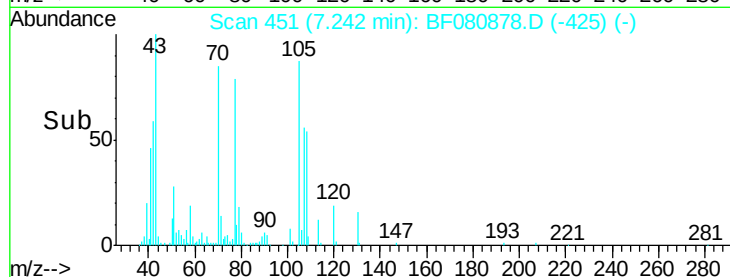
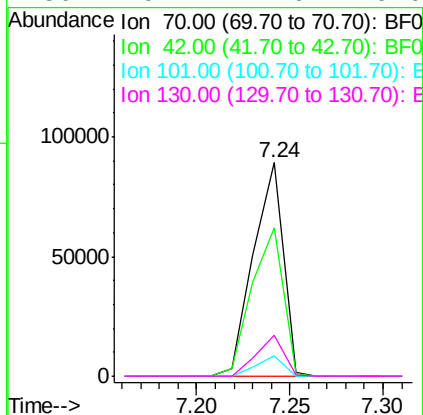
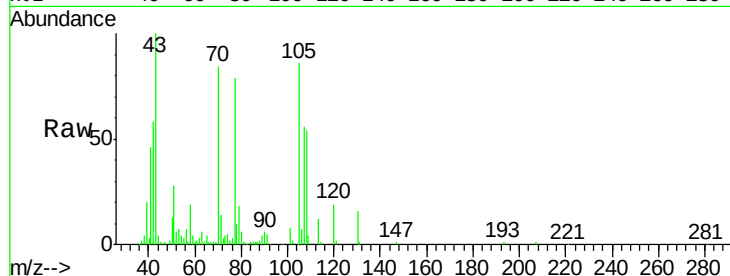




#19
n-Nitroso-di-n-propylamine
Concen: 37.18 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

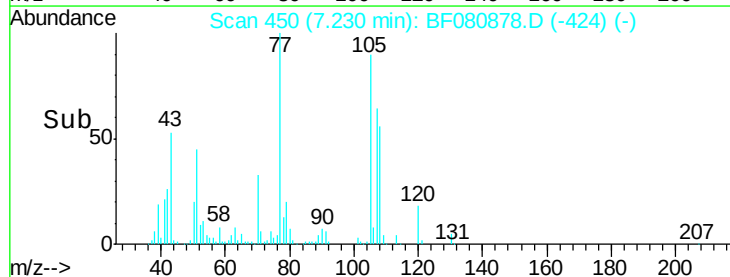
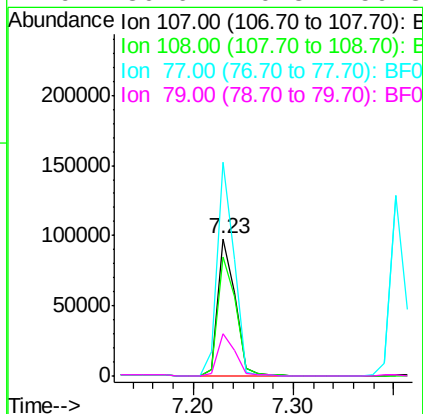
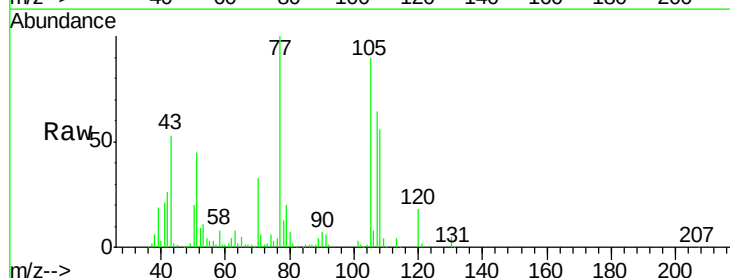
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

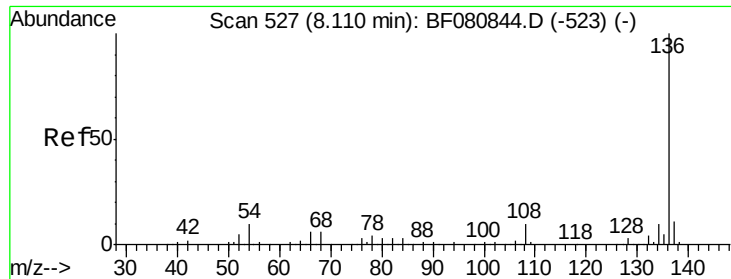
Tgt Ion: 70 Resp: 98872
Ion Ratio Lower Upper
70 100
42 69.3 57.8 86.8
101 9.6 6.7 10.1
130 19.4 12.6 19.0#



#20
3+4-Methylphenols
Concen: 32.84 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion: 107 Resp: 117659
Ion Ratio Lower Upper
107 100
108 87.0 68.2 108.2
77 155.7 88.5 128.5#
79 30.6 10.3 50.3

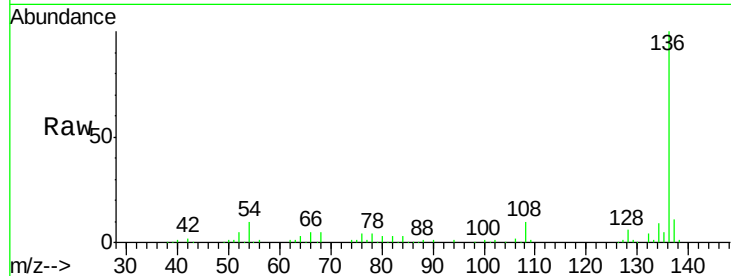




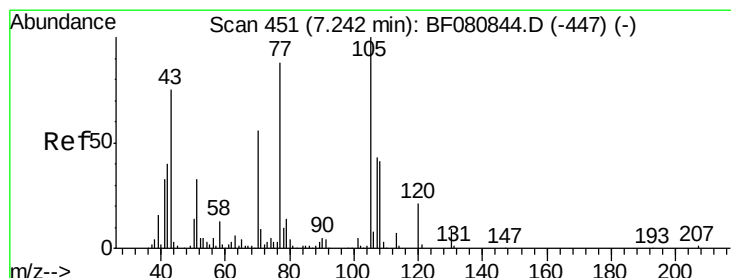
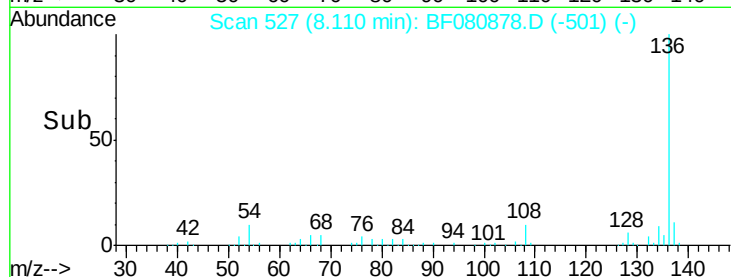
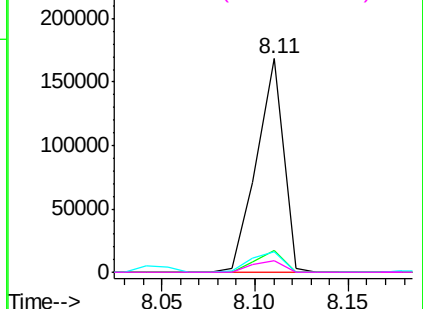
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

Tgt Ion:	136	Resp:	168638
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.7	8.3	12.5
68	5.3	4.8	7.2

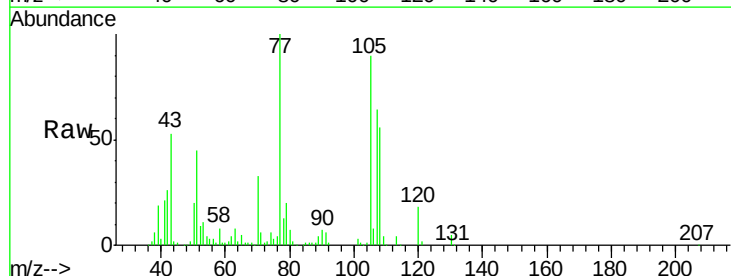


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

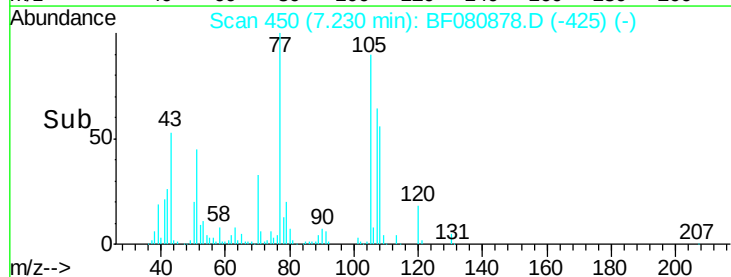
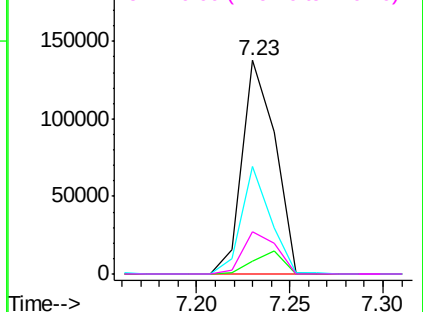


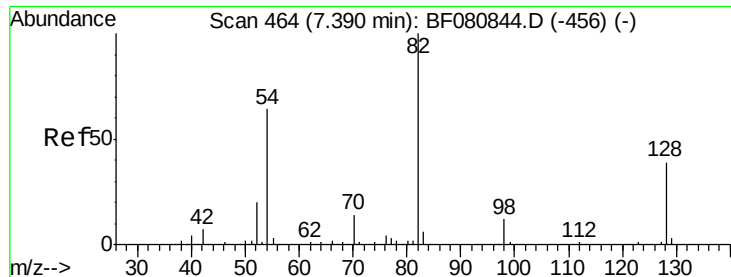
#22
Acetophenone
Concen: 40.89 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion:	105	Resp:	168396
Ion	Ratio	Lower	Upper
105	100		
71	6.1	7.4	11.2#
51	50.1	26.5	39.7#
120	19.8	17.0	25.4



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

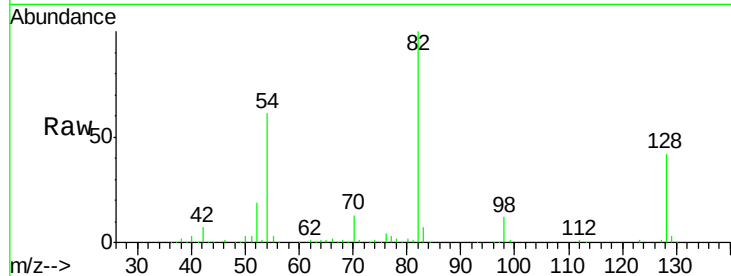




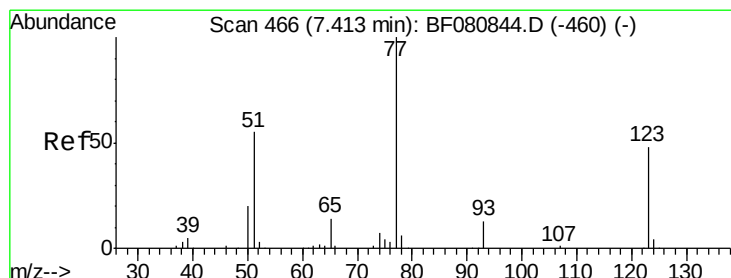
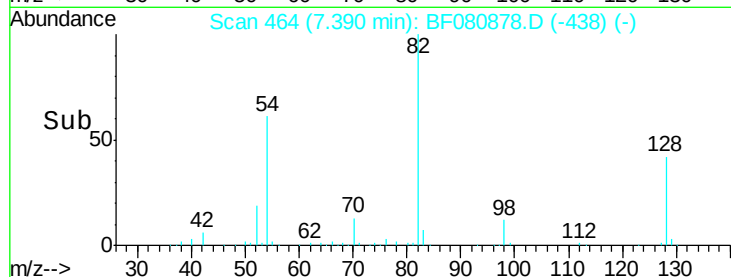
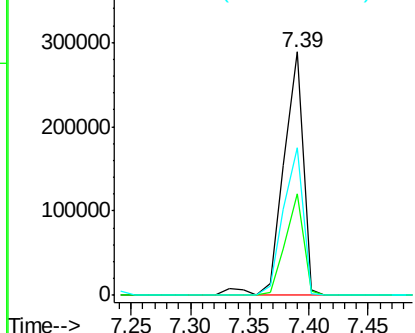
#23
 Nitrobenzene-d5
 Concen: 91.43 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.0	46.4
54	60.9	51.0	76.6

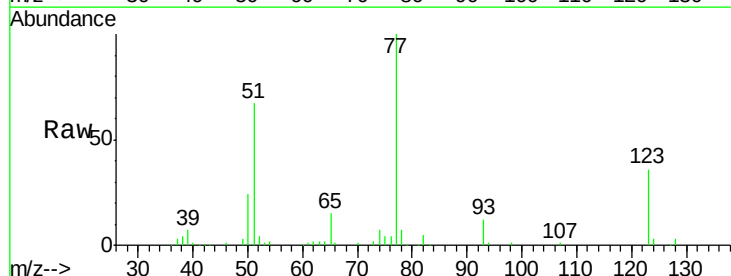


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

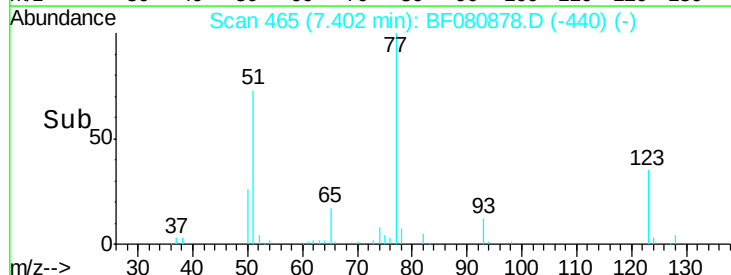
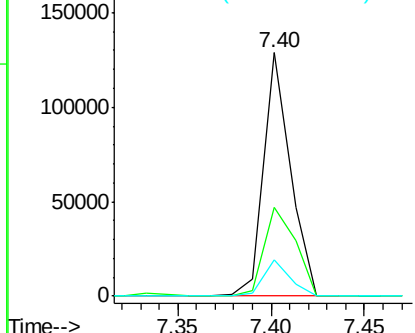


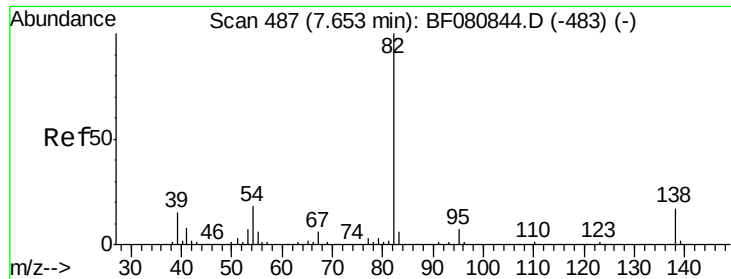
#24
 Nitrobenzene
 Concen: 34.34 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	39.7	59.5#
65	15.1	11.0	16.6



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: 36.99 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

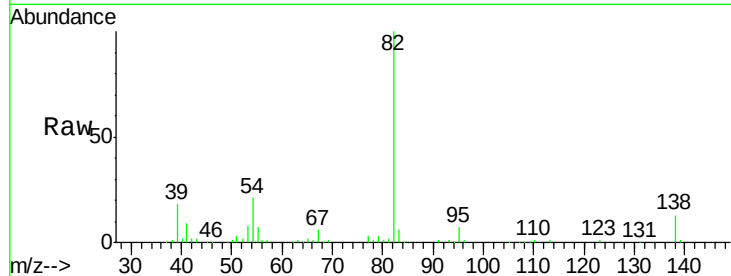
Tgt Ion: 82 Resp: 234523

Ion Ratio Lower Upper

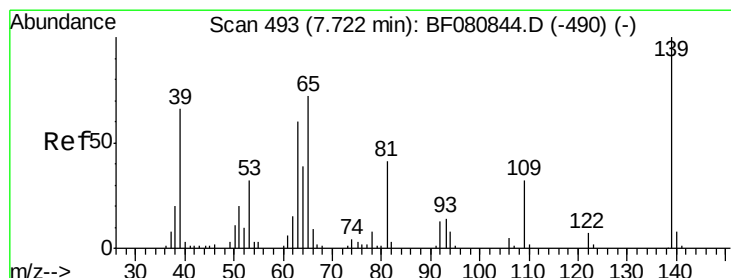
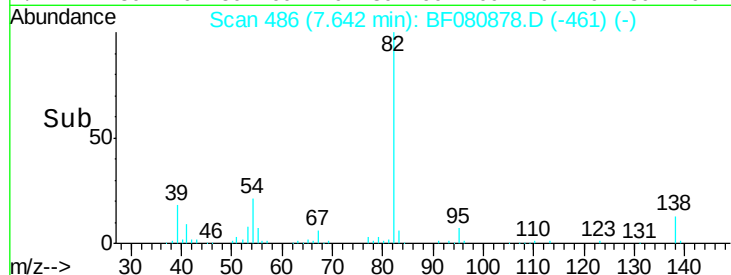
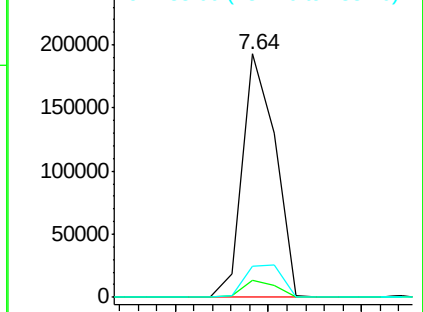
82 100

95 6.7 5.5 8.3

138 13.0 13.3 19.9#



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



#26

2-Nitrophenol

Concen: 38.09 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

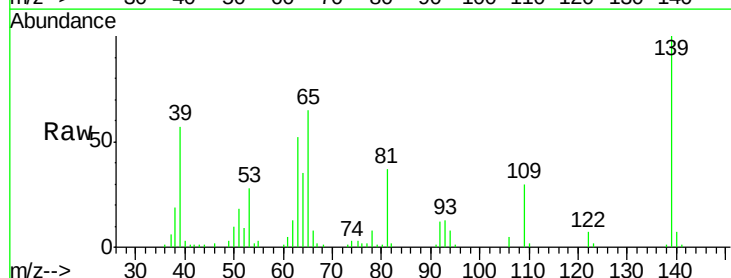
Tgt Ion: 139 Resp: 57992

Ion Ratio Lower Upper

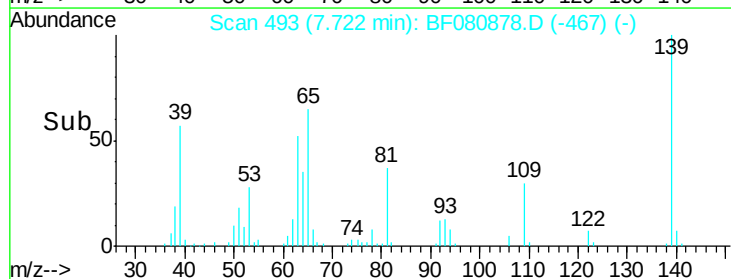
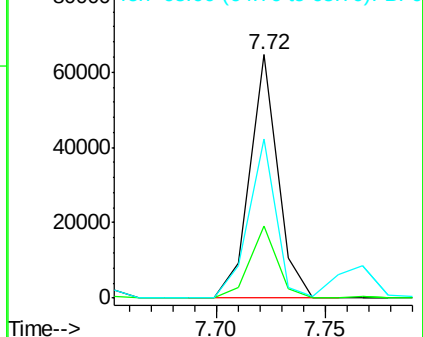
139 100

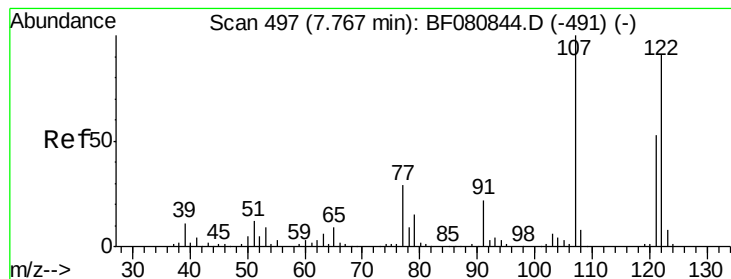
109 29.5 25.2 37.8

65 65.5 57.3 85.9



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

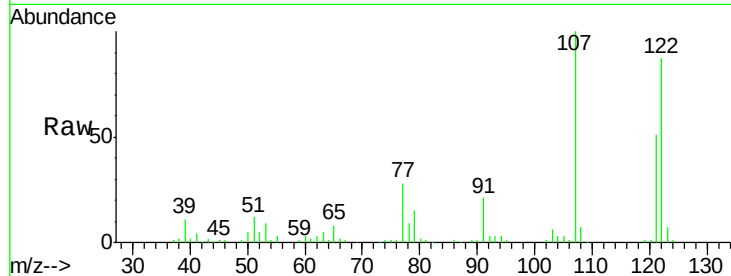




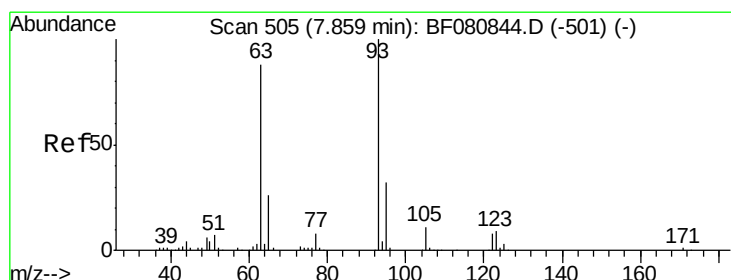
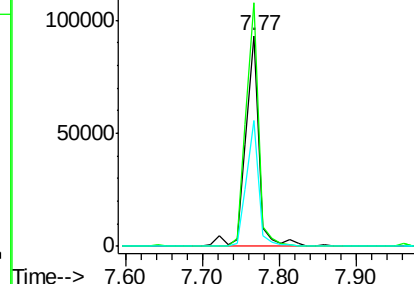
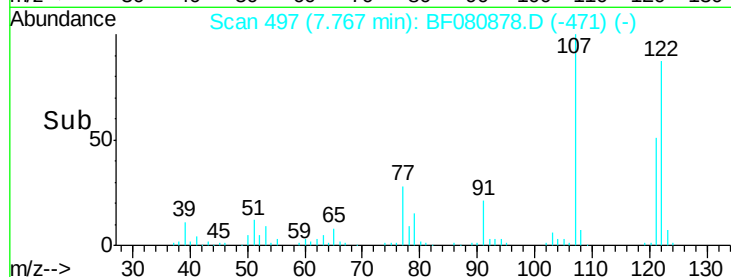
#27
 2,4-Dimethylphenol
 Concen: 39.94 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion: 122 Resp: 113232
 Ion Ratio Lower Upper
 122 100
 107 115.6 88.2 132.4
 121 59.5 46.8 70.2

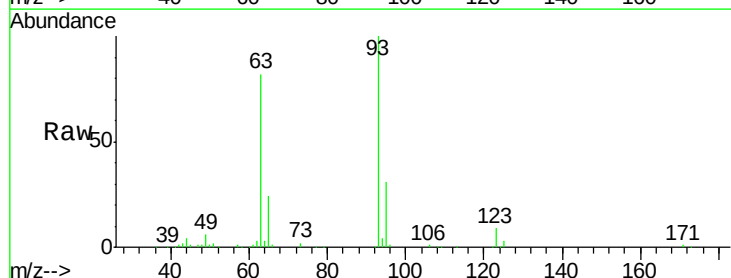


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

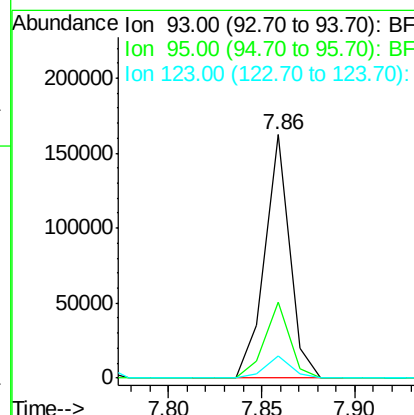
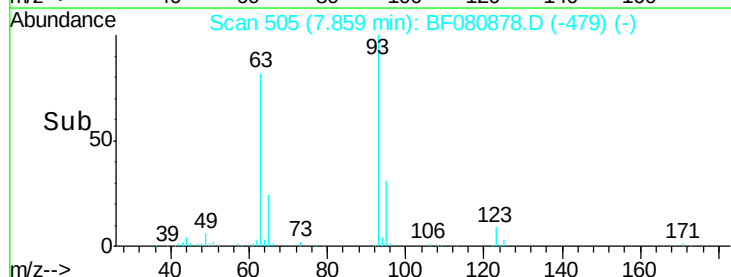


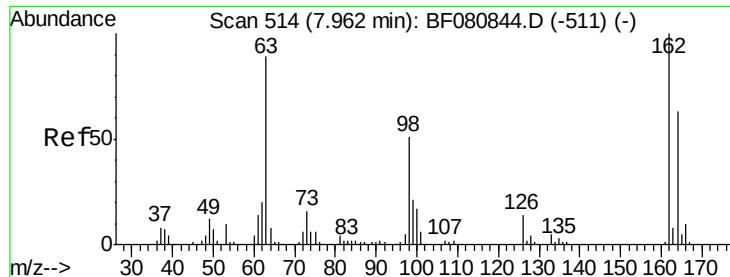
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.41 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion: 93 Resp: 149768
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.9 38.9
 123 8.9 7.9 11.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

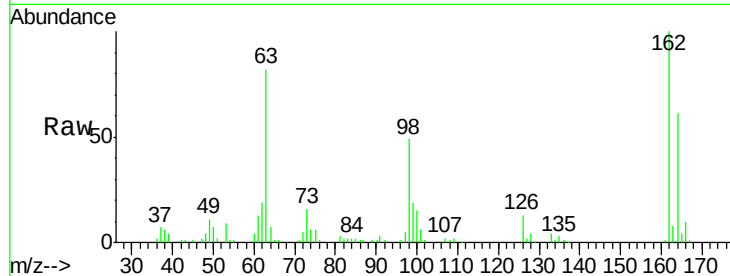




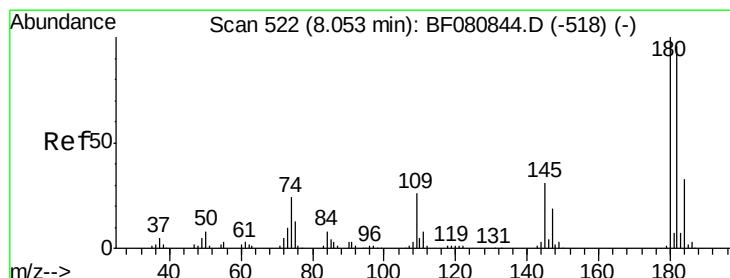
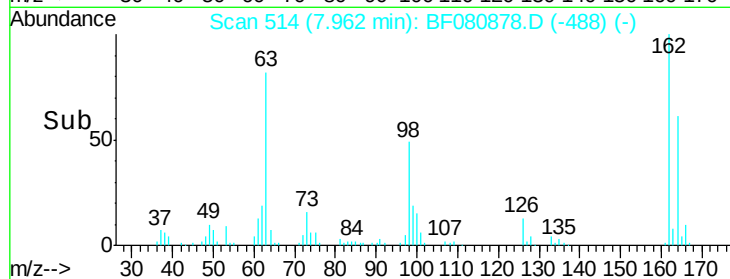
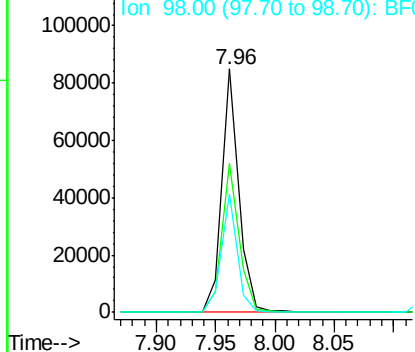
#29
 2,4-Dichlorophenol
 Concen: 35.77 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:162 Resp: 83712
 Ion Ratio Lower Upper
 162 100
 164 61.3 43.1 83.1
 98 48.8 31.3 71.3

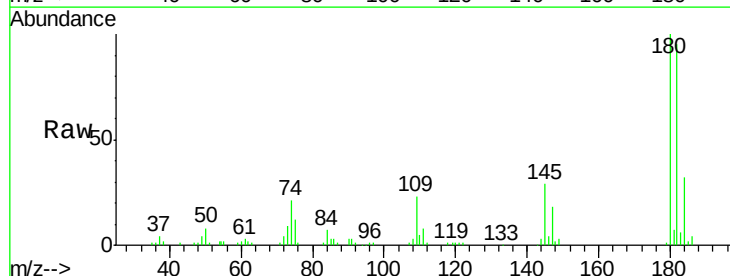


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

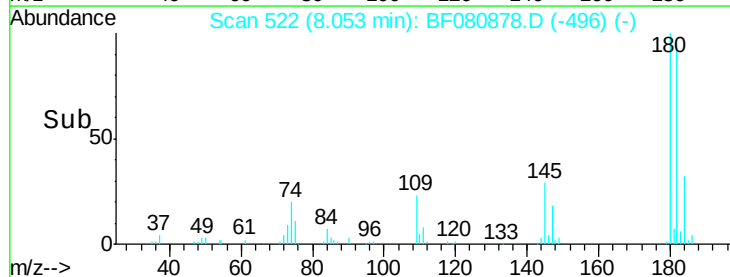
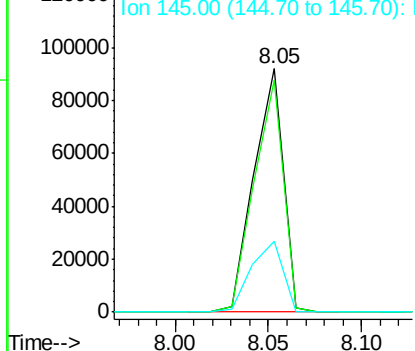


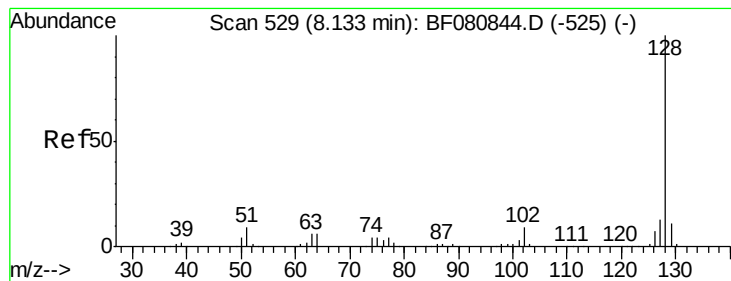
#30
 1,2,4-Trichlorobenzene
 Concen: 37.53 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:180 Resp: 99951
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 145 29.2 25.1 37.7



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: 37.42 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

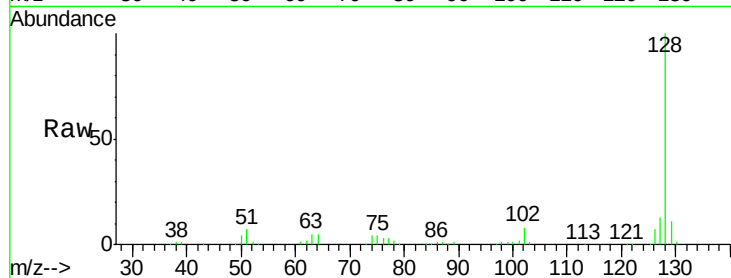
Tgt Ion:128 Resp: 343716

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

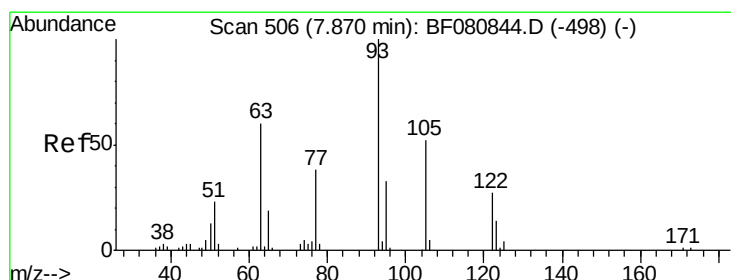
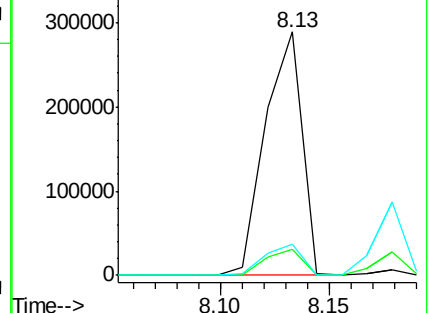
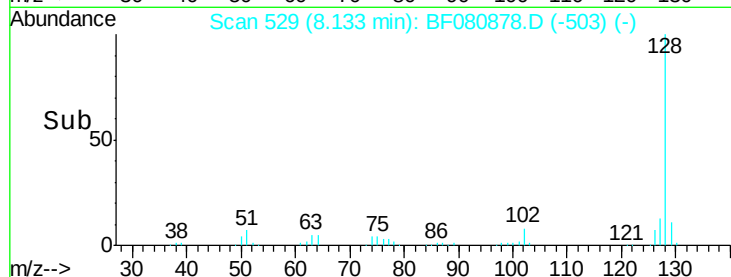
127 12.9 10.6 15.8



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: 58.31 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.10 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

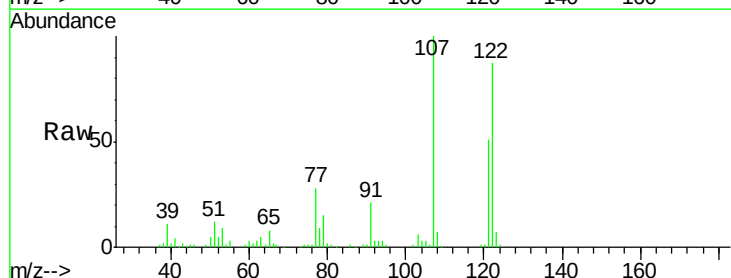
Tgt Ion:122 Resp: 113232

Ion Ratio Lower Upper

122 100

105 3.7 110.1 150.1#

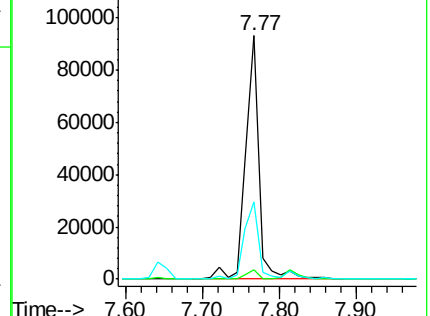
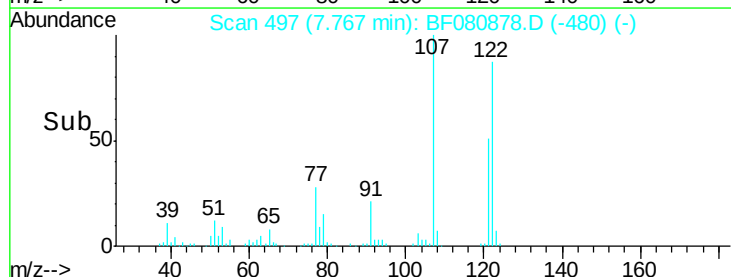
77 31.9 83.6 123.6#

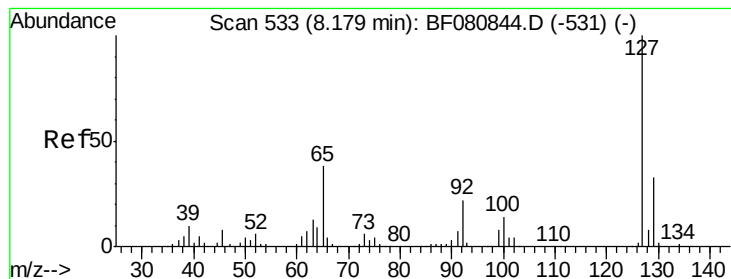


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.88 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

Tgt Ion:127 Resp: 82195

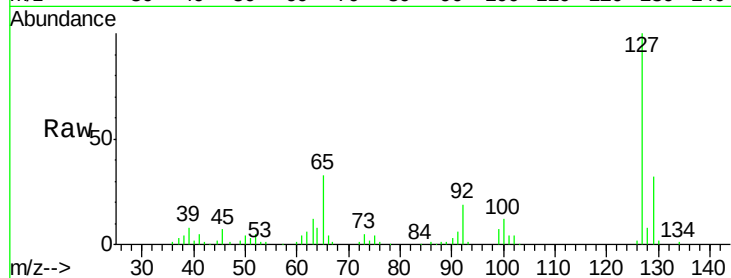
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 32.6 30.3 45.5

92 19.5 17.3 25.9

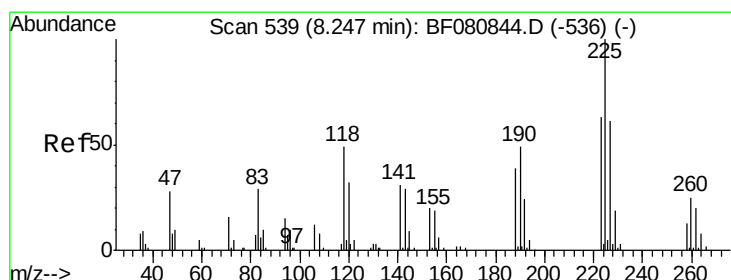
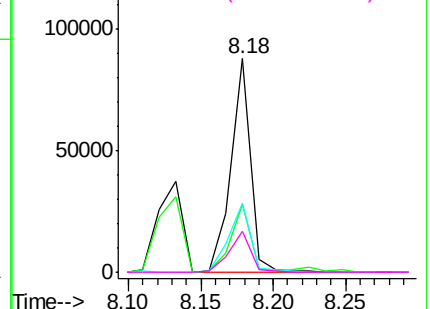
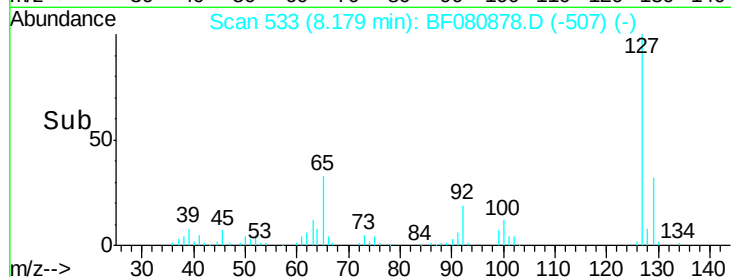


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.93 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

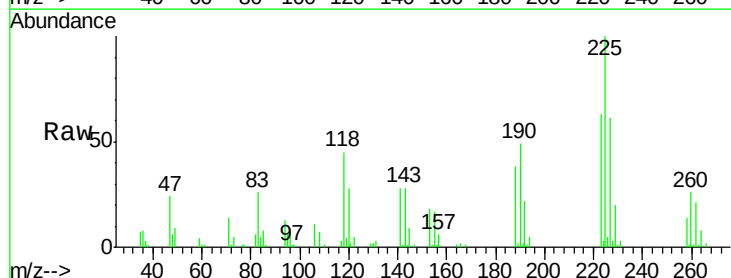
Tgt Ion:225 Resp: 54541

Ion Ratio Lower Upper

225 100

223 63.3 50.0 75.0

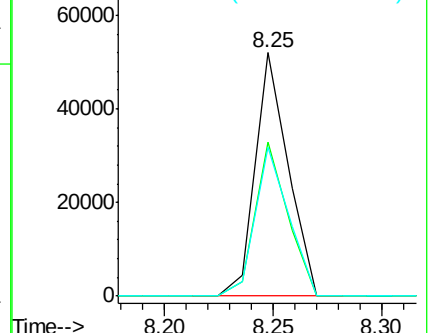
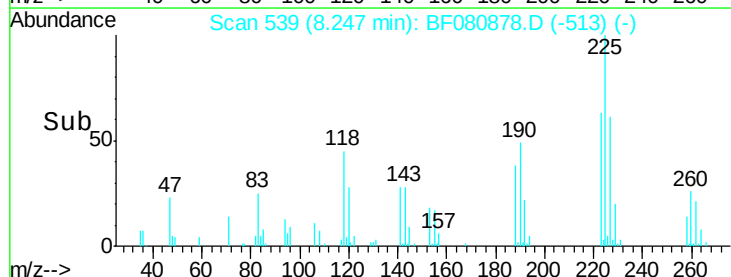
227 61.4 48.5 72.7

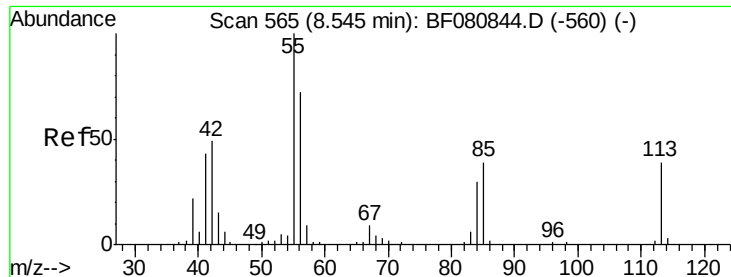


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.00 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

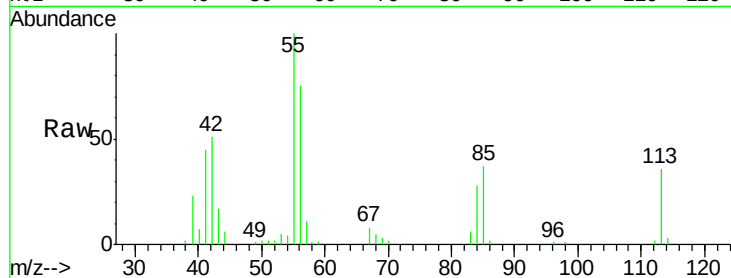
Tgt Ion:113 Resp: 24723

Ion Ratio Lower Upper

113 100

55 277.1 236.2 276.2#

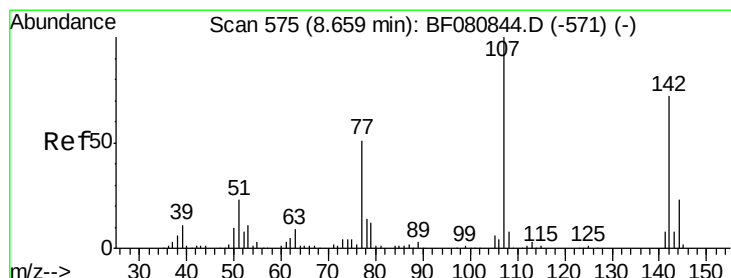
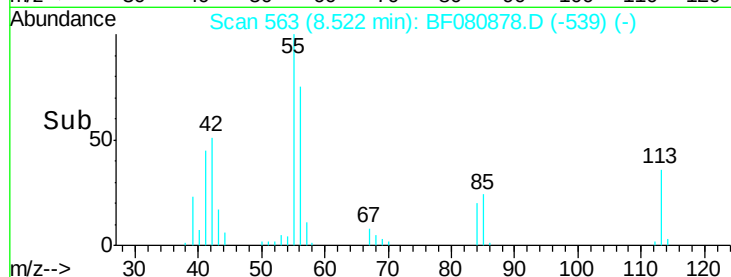
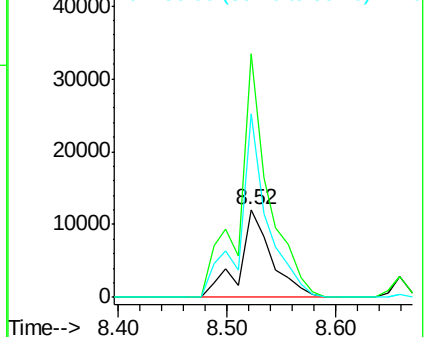
56 208.6 165.2 205.2#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.14 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

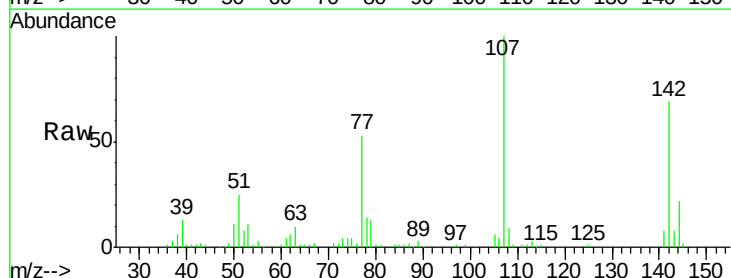
Tgt Ion:107 Resp: 95353

Ion Ratio Lower Upper

107 100

144 22.1 18.3 27.5

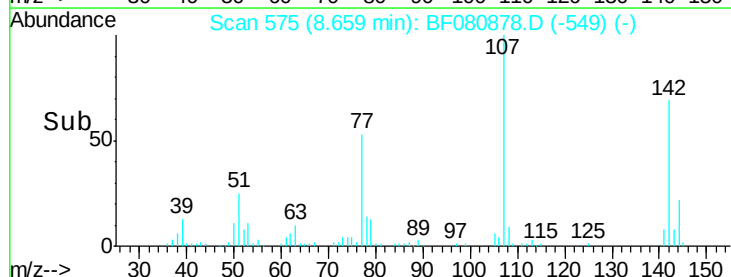
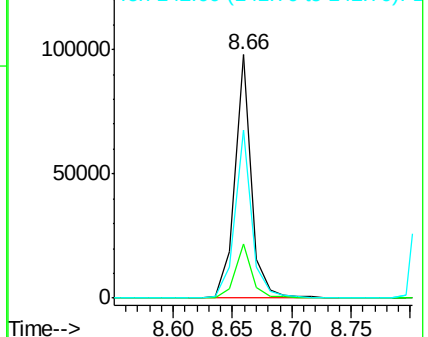
142 69.2 57.8 86.8

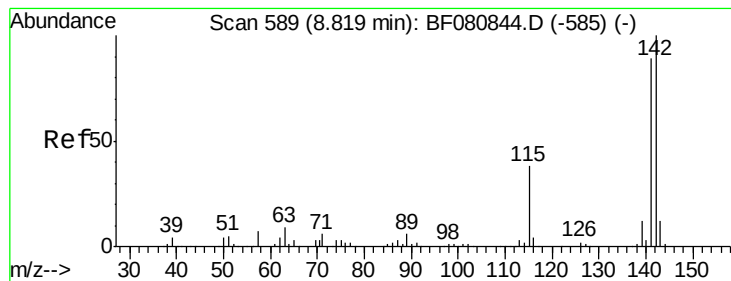


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.86 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

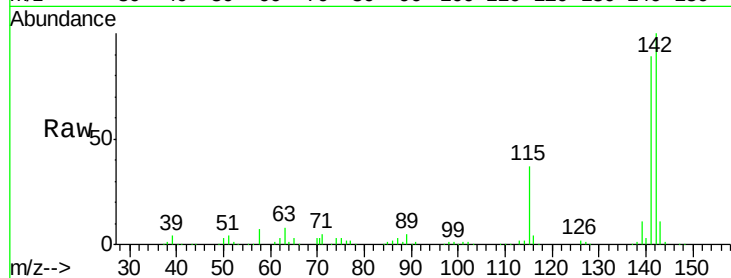
Tgt Ion:142 Resp: 208391

Ion Ratio Lower Upper

142 100

141 88.6 71.5 107.3

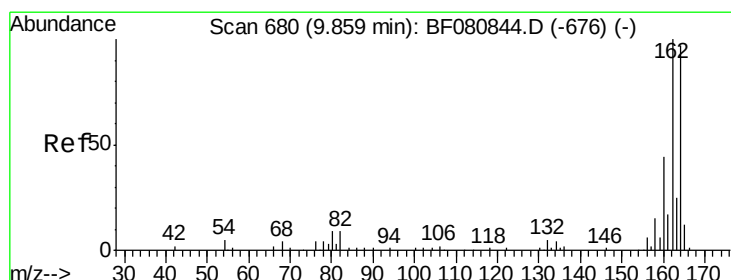
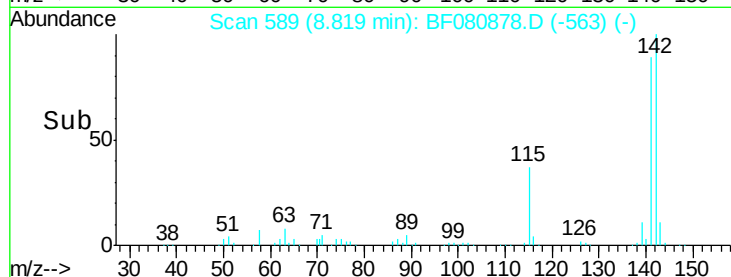
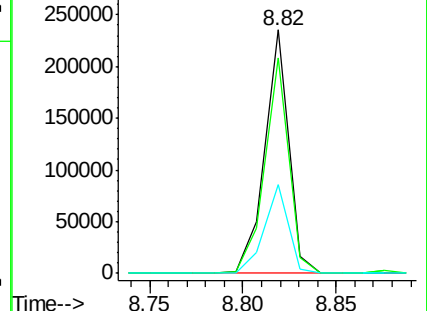
115 36.7 30.5 45.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

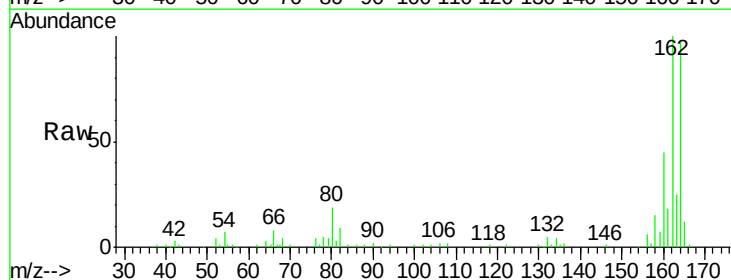
Tgt Ion:164 Resp: 63999

Ion Ratio Lower Upper

164 100

162 103.3 82.9 124.3

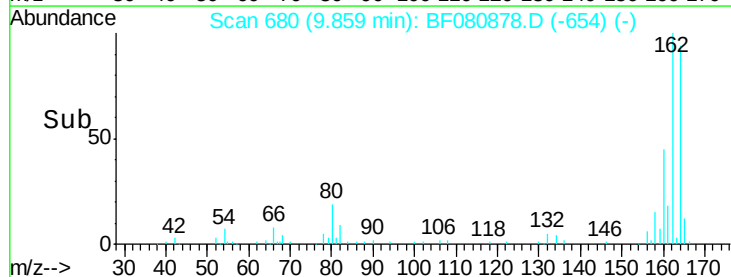
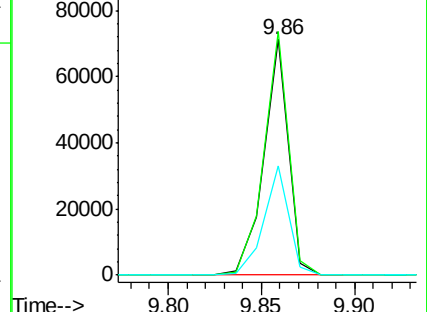
160 46.6 36.6 54.8

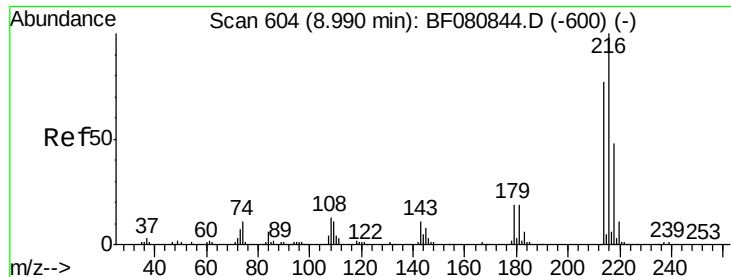


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

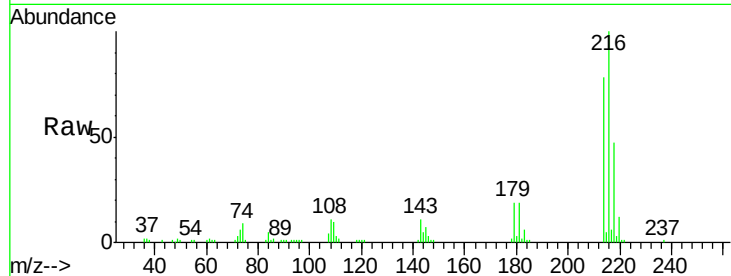




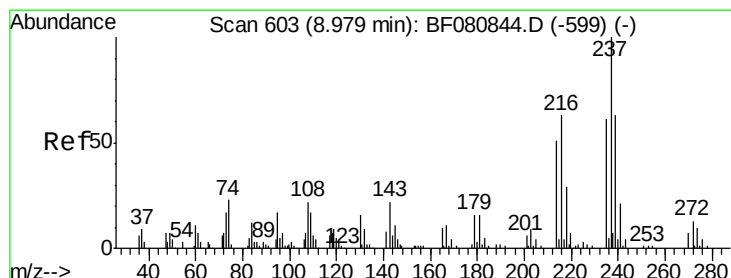
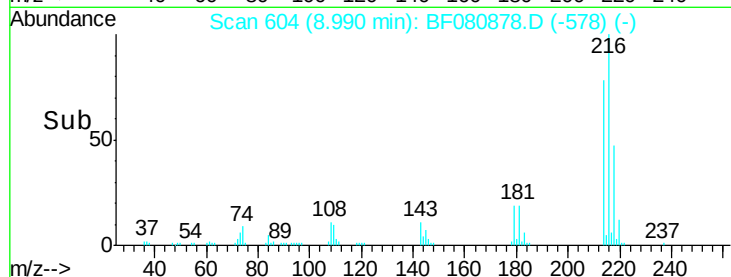
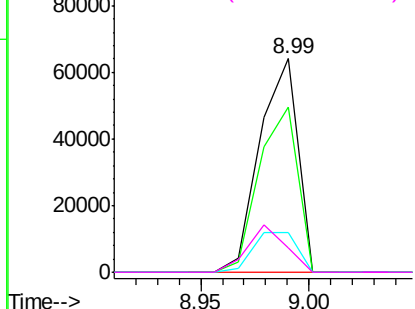
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.02 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:	216	Resp:	78666
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.1	93.1
179	22.2	17.0	25.6
108	21.8	16.5	24.7

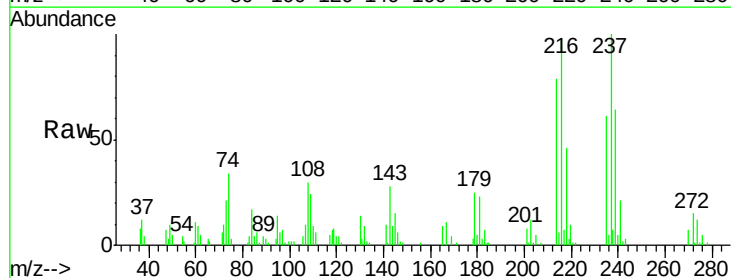


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

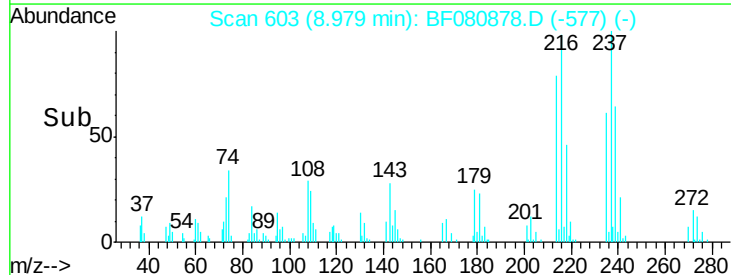
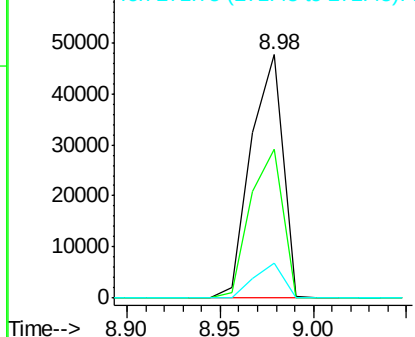


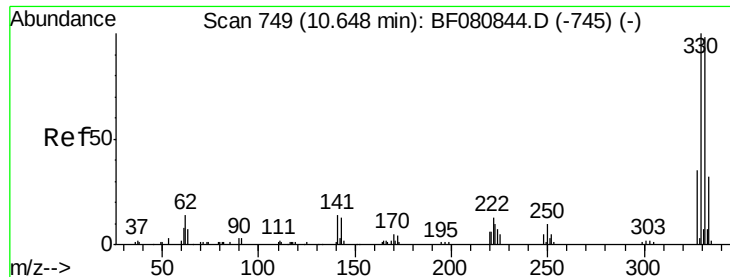
#40
 Hexachlorocyclopentadiene
 Concen: 43.12 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:	237	Resp:	56554
Ion	Ratio	Lower	Upper
237	100		
235	61.1	40.9	80.9
272	14.6	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

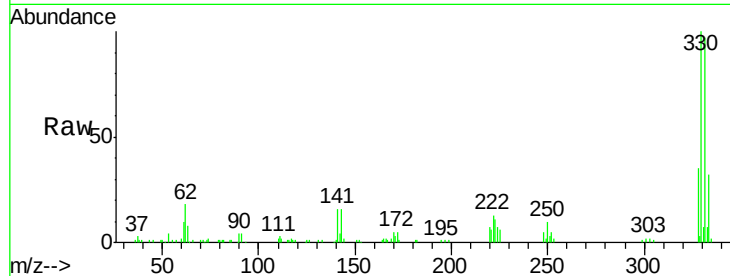




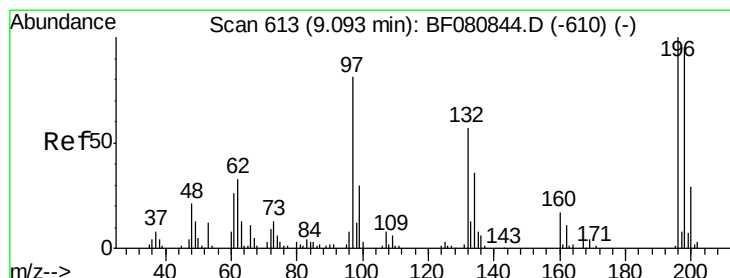
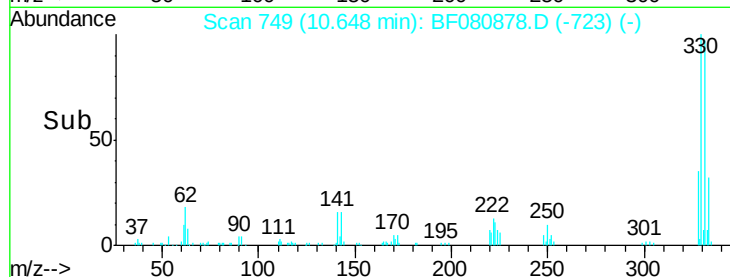
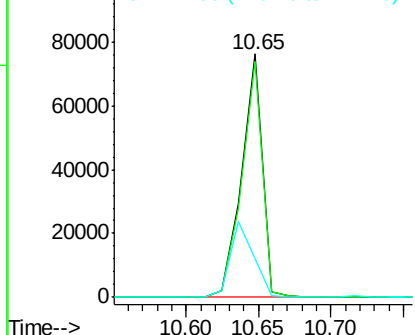
#41
 2,4,6-Tribromophenol
 Concen: 122.48 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:330 Resp: 75593
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.8
 141 34.6 28.4 42.6

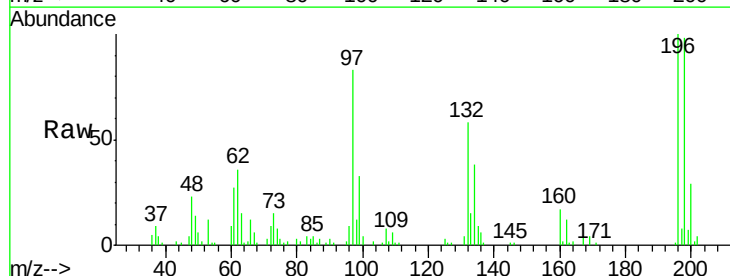


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

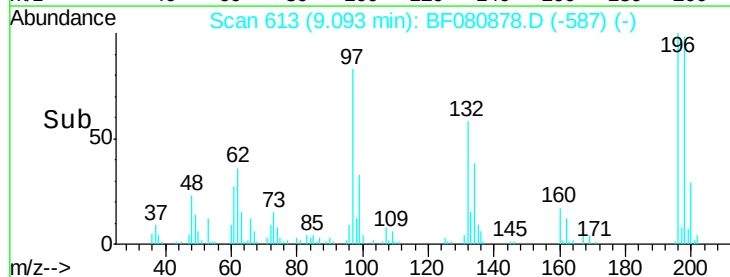
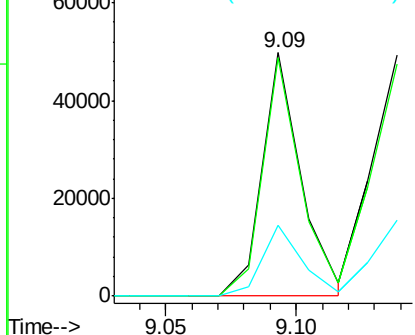


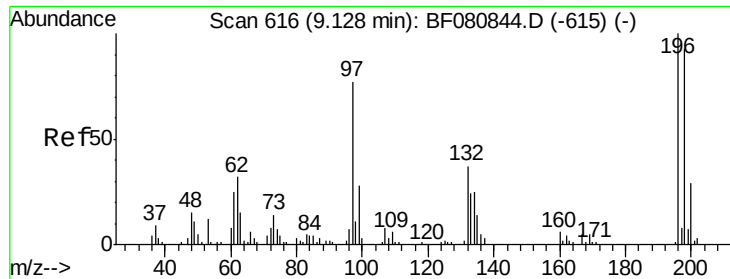
#42
 2,4,6-Trichlorophenol
 Concen: 34.69 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:196 Resp: 51348
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.4 114.6
 200 29.0 23.1 34.7



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

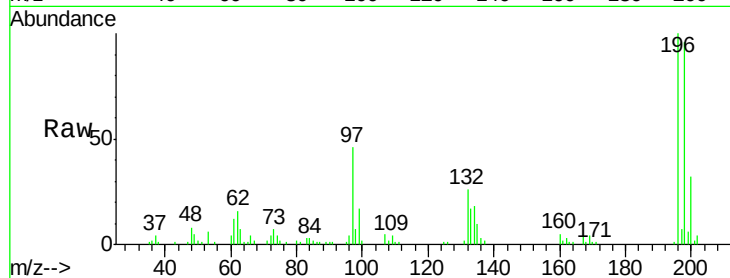




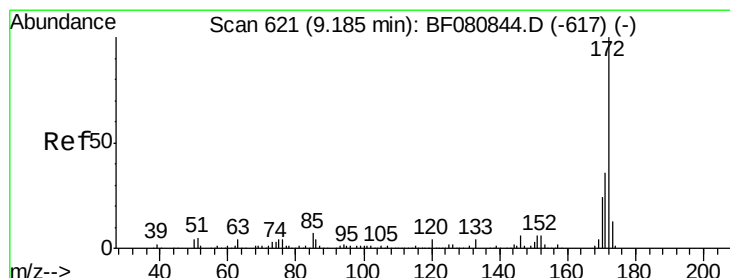
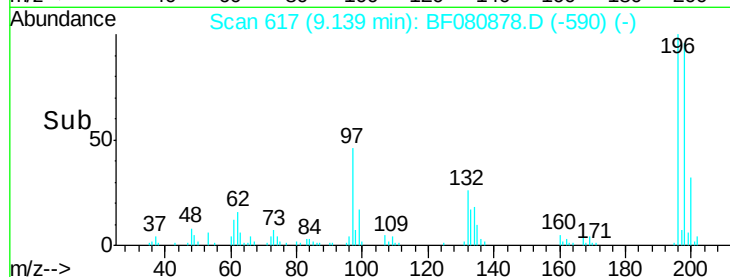
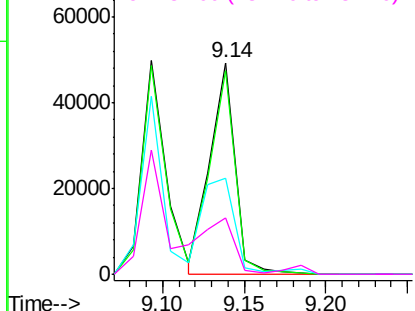
#43
 2,4,5-Trichlorophenol
 Concen: 36.26 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion	Resp	Lower	Upper
196	53826		
198	96.5	74.2	111.4
97	45.6	63.0	94.6#
132	26.4	30.0	45.0#

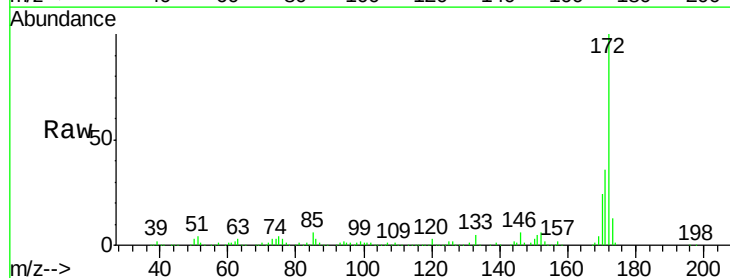


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

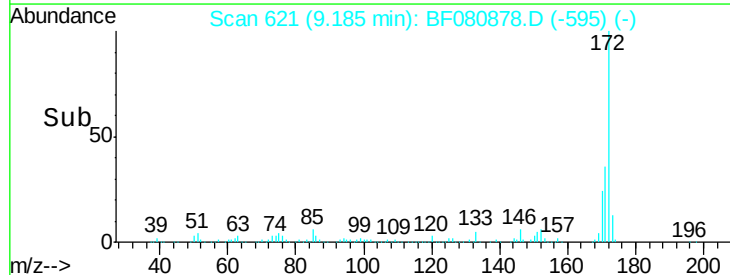
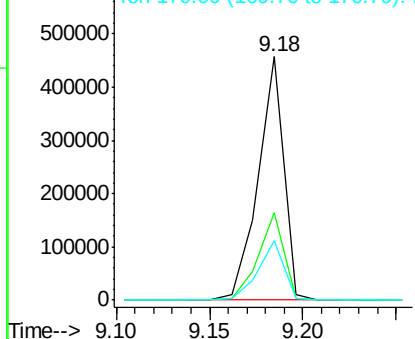


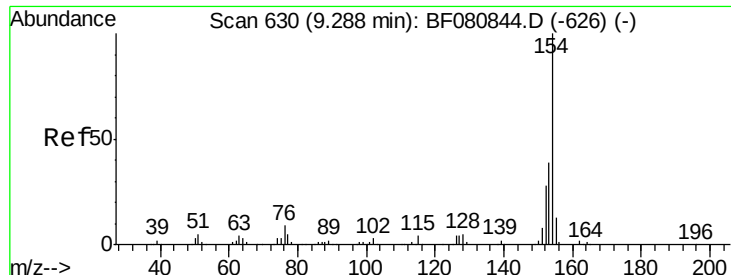
#44
 2-Fluorobiphenyl
 Concen: 90.59 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion	Resp	Lower	Upper
172	430581		
171	35.8	28.9	43.3
170	24.2	19.4	29.2



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

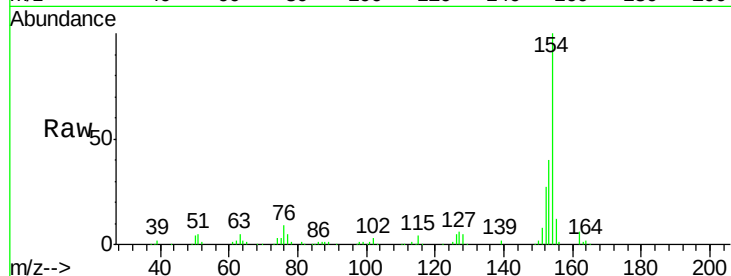




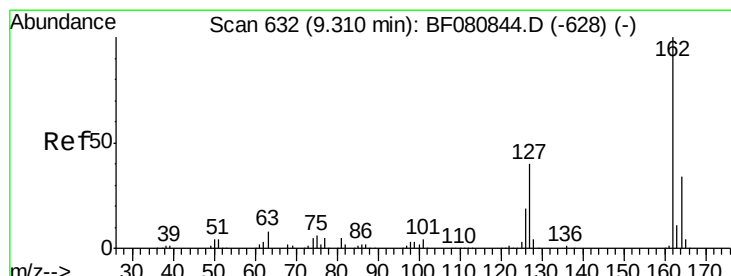
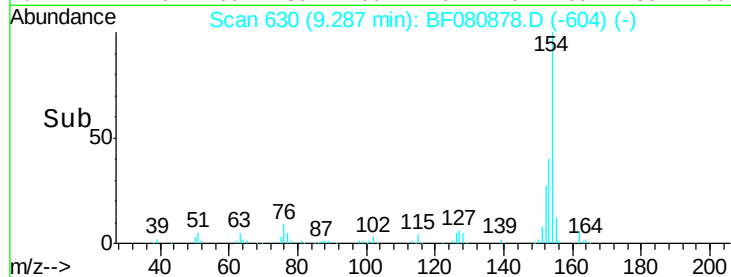
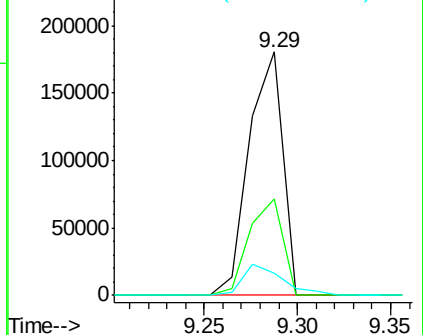
#45
 1,1'-Biphenyl
 Concen: 38.13 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:	154	Resp:	224933
Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.2	59.2
76	8.9	0.0	29.3

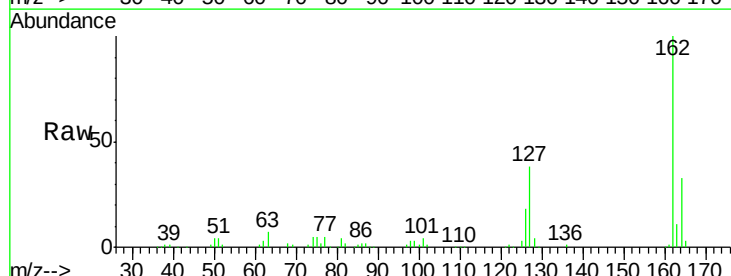


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

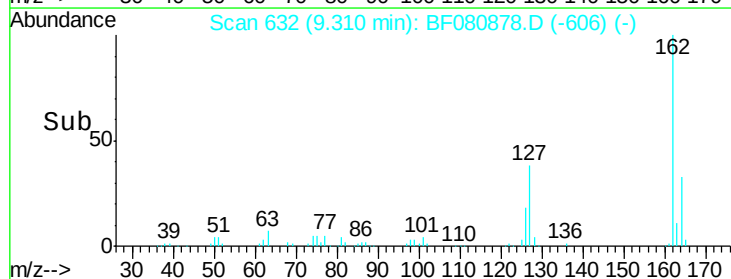
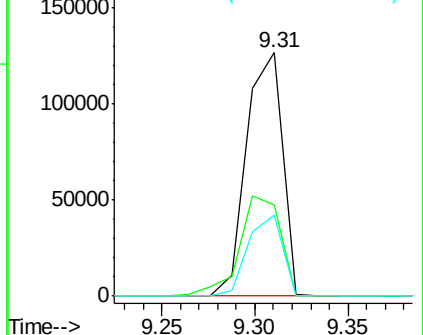


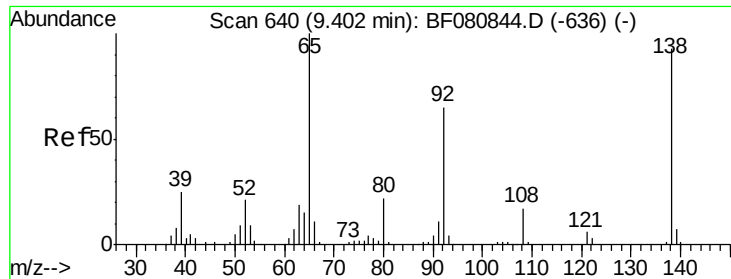
#46
 2-Chloronaphthalene
 Concen: 36.69 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:	162	Resp:	168353
Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.9	47.9
164	33.1	26.8	40.2



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





#47

2-Nitroaniline

Concen: 40.00 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

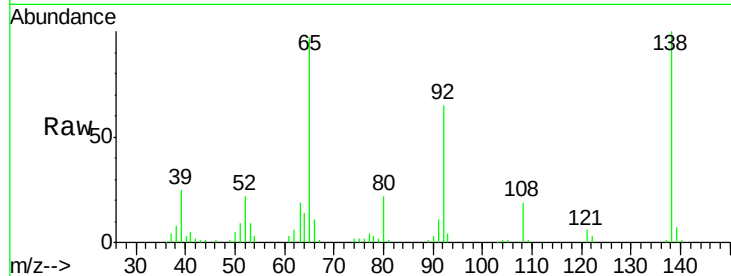
Tgt Ion: 65 Resp: 66817

Ion Ratio Lower Upper

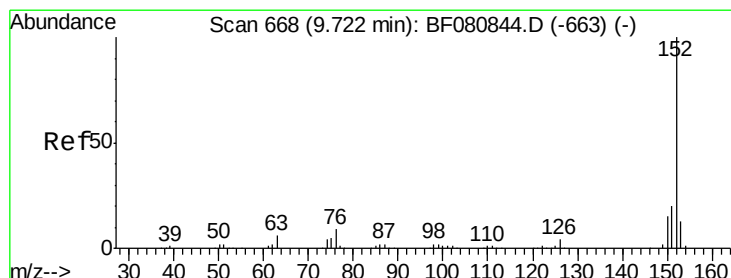
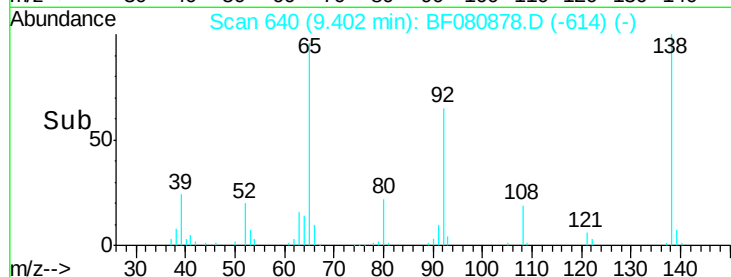
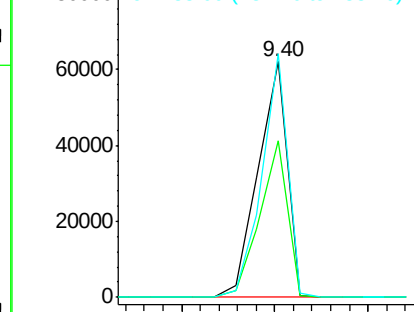
65 100

92 66.7 51.7 77.5

138 103.3 74.2 111.2



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



#48

Acenaphthylene

Concen: 39.21 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

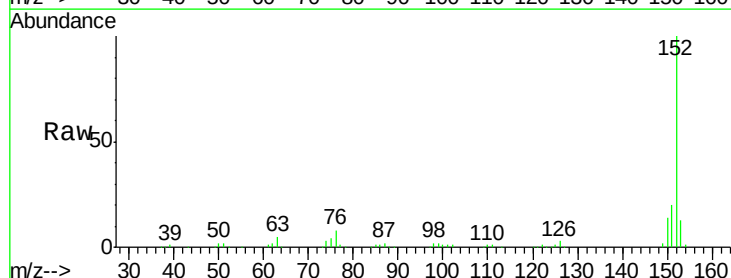
Tgt Ion: 152 Resp: 296071

Ion Ratio Lower Upper

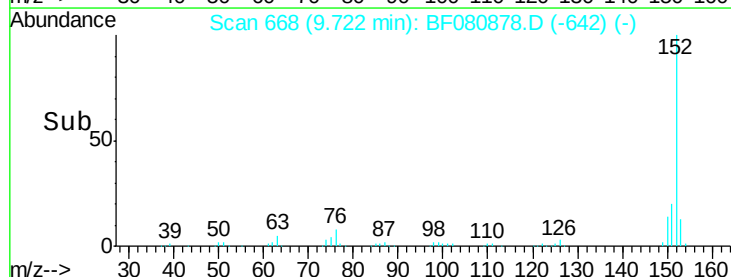
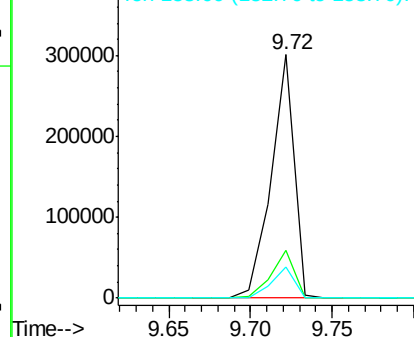
152 100

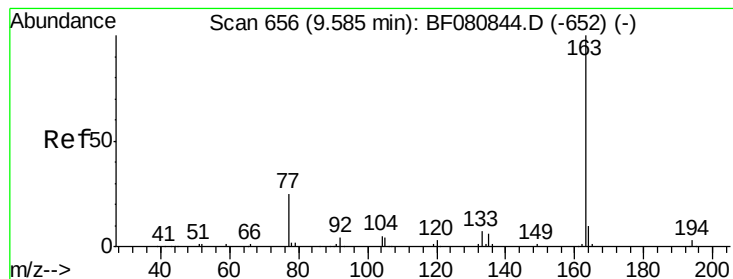
151 19.8 16.2 24.4

153 12.9 10.6 15.8



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





#49

Dimethylphthalate

Concen: 60.79 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

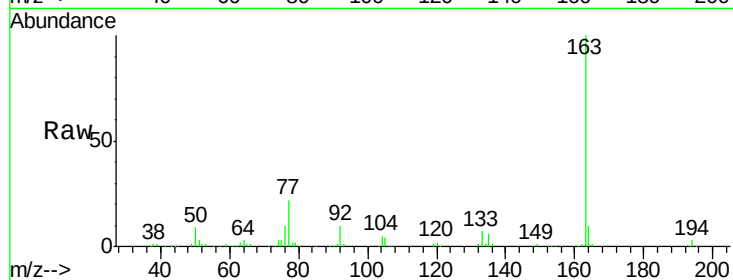
Tgt Ion:163 Resp: 283739

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

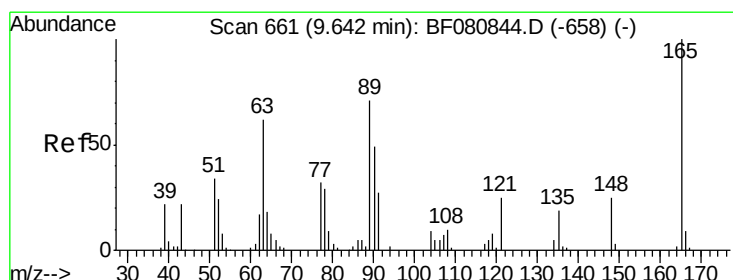
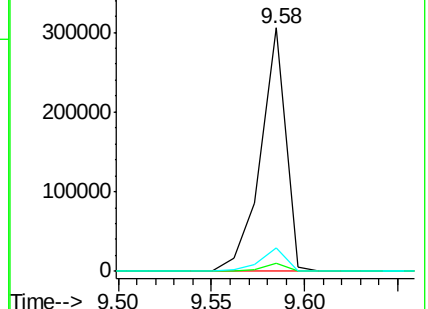
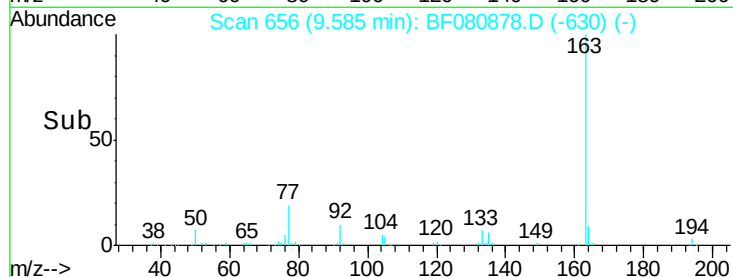
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.35 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

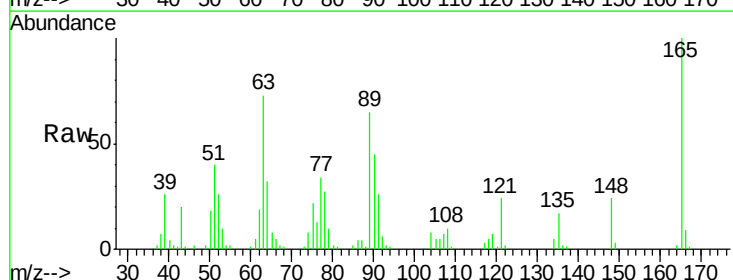
Tgt Ion:165 Resp: 41336

Ion Ratio Lower Upper

165 100

63 72.7 65.0 97.6

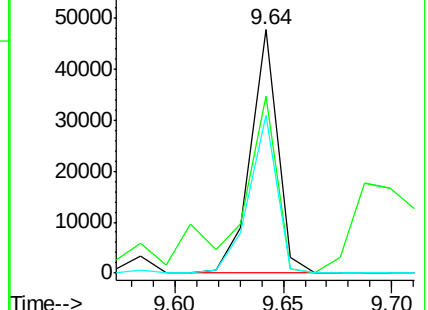
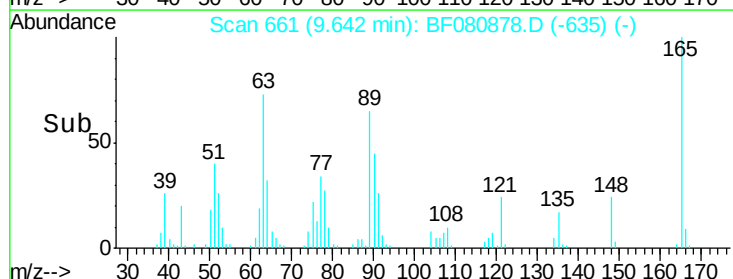
89 64.8 56.6 85.0

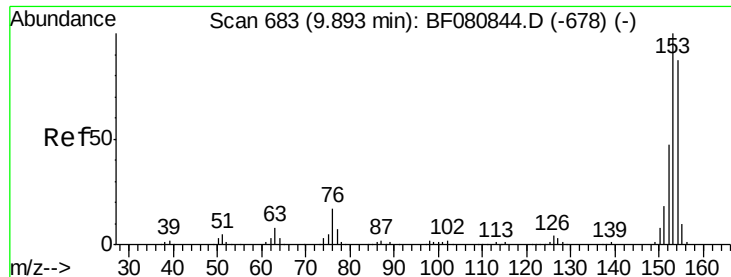


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.68 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

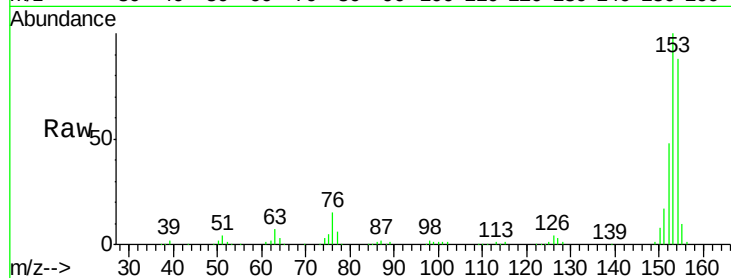
Tgt Ion:154 Resp: 171041

Ion Ratio Lower Upper

154 100

153 113.3 91.8 137.6

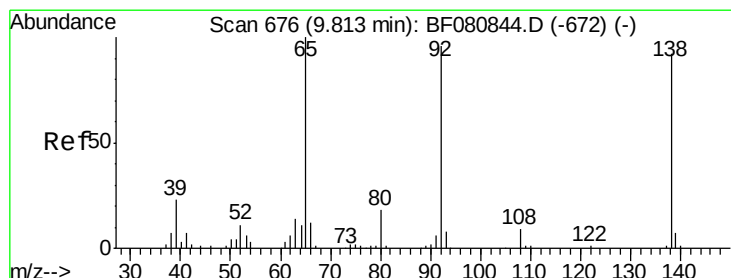
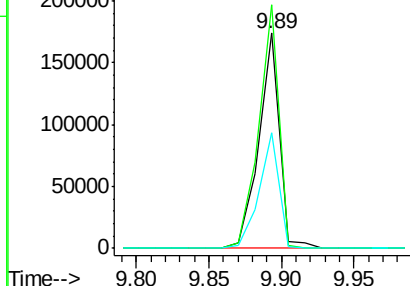
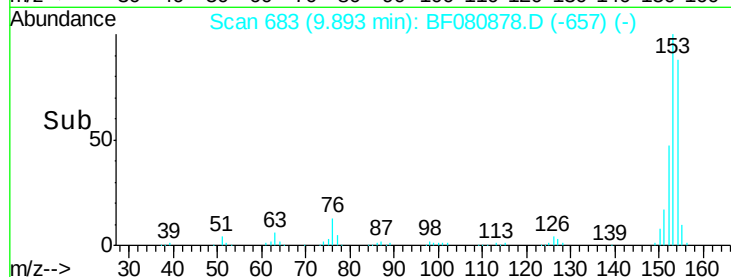
152 53.9 43.2 64.8



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: 28.93 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

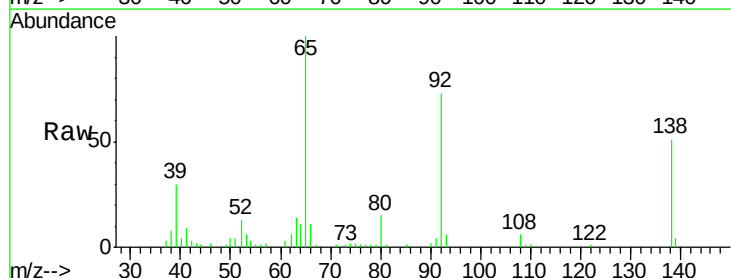
Tgt Ion:138 Resp: 34879

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

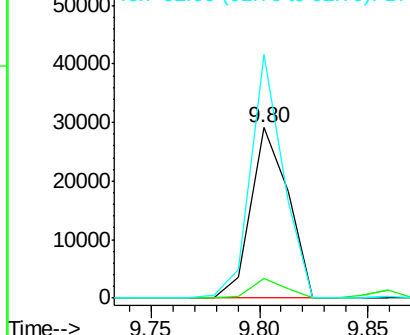
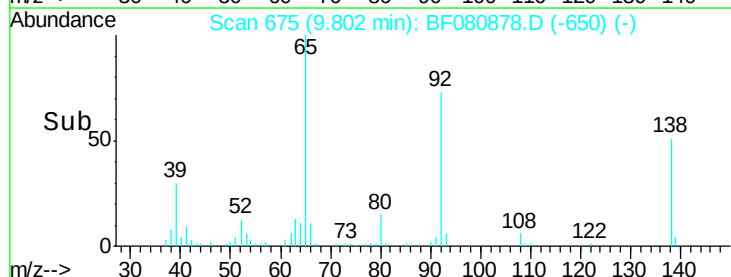
92 143.1 83.7 125.5#

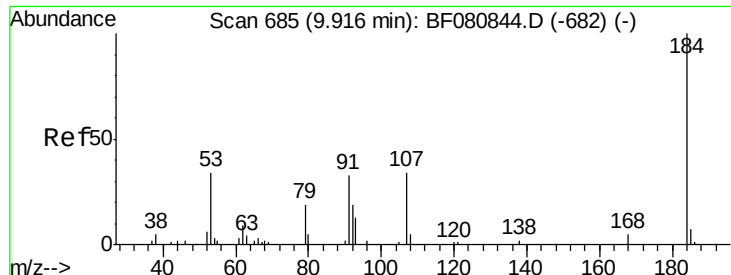


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

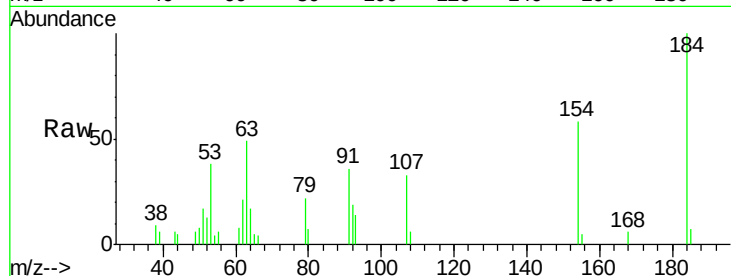




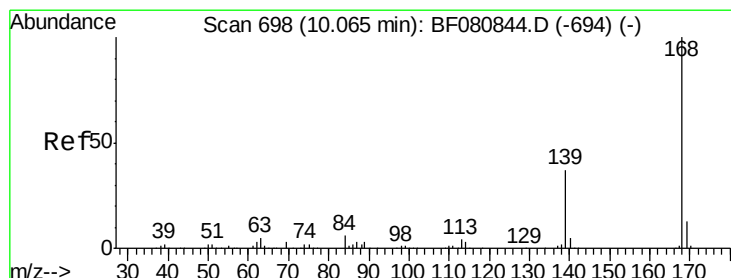
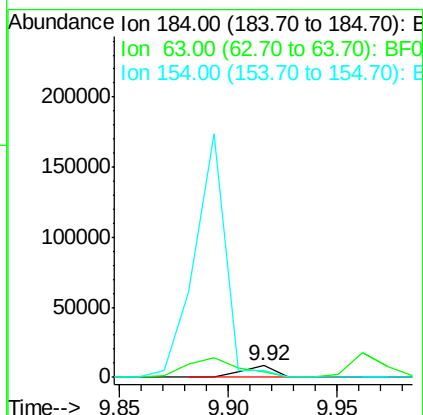
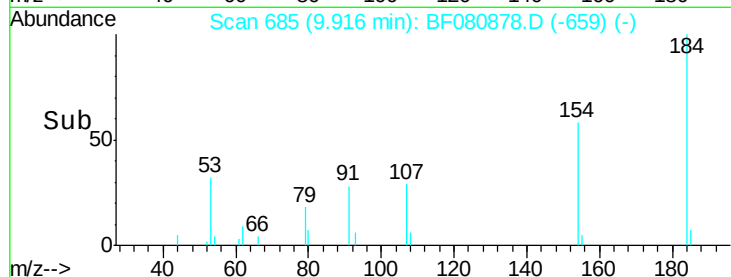
#53
 2,4-Dinitrophenol
 Concen: 19.43 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:184 Resp: 9000
 Ion Ratio Lower Upper
 184 100
 63 48.8 33.8 50.6
 154 57.8 44.2 66.2

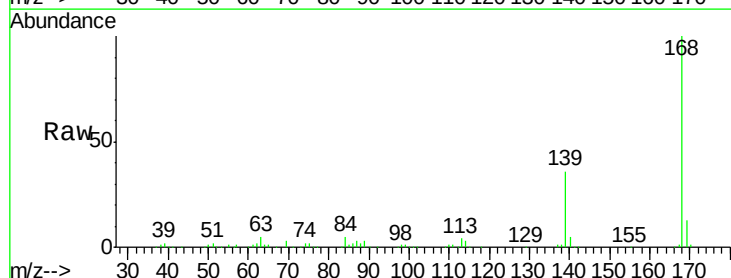


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

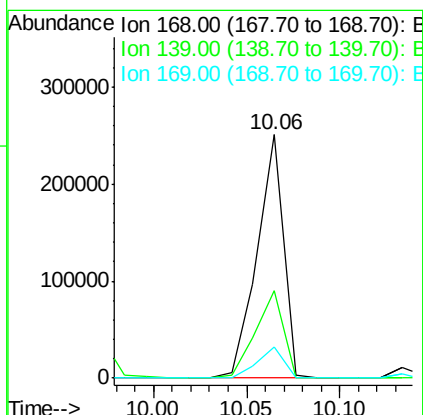
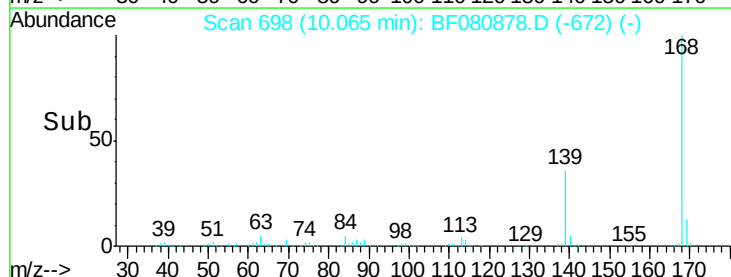


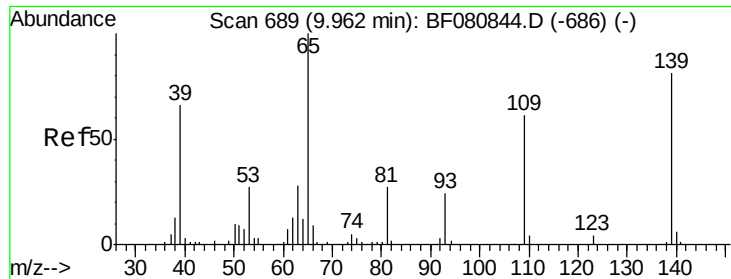
#54
 Dibenzofuran
 Concen: 40.45 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:168 Resp: 244817
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.0 45.0
 169 12.8 10.6 16.0



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: 71.41 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

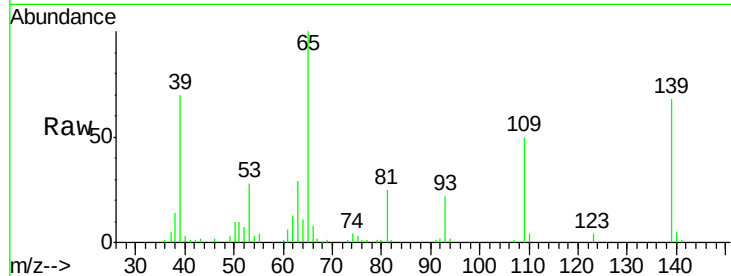
Tgt Ion:139 Resp: 60572

Ion Ratio Lower Upper

139 100

109 73.2 54.4 94.4

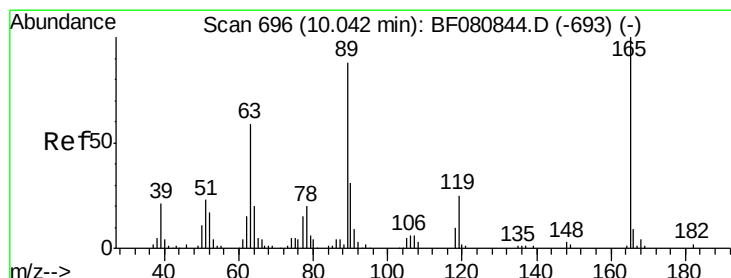
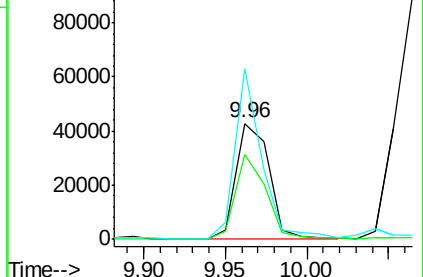
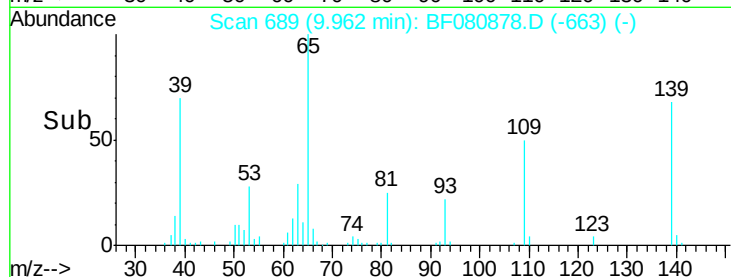
65 146.7 103.0 143.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.83 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Tgt Ion:165 Resp: 51555

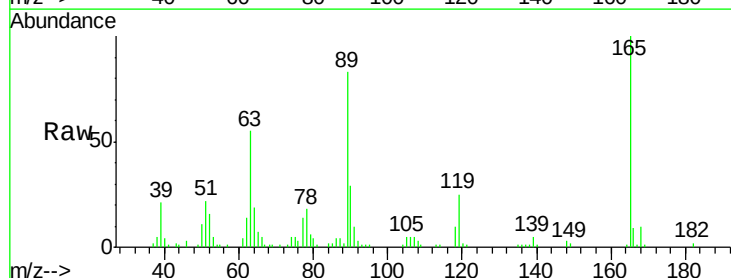
Ion Ratio Lower Upper

165 100

63 54.5 47.2 70.8

89 83.3 70.2 105.2

182 2.1 1.5 2.3

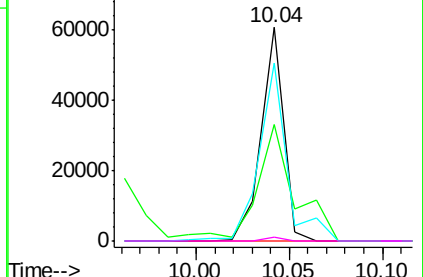
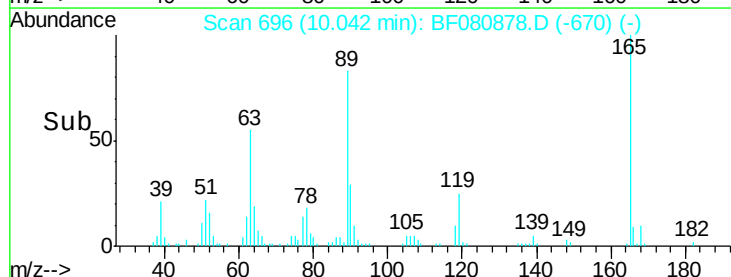


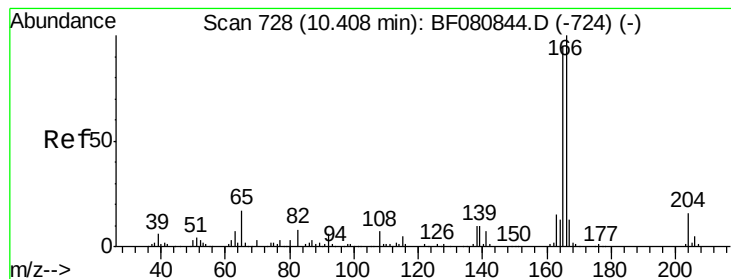
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.83 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

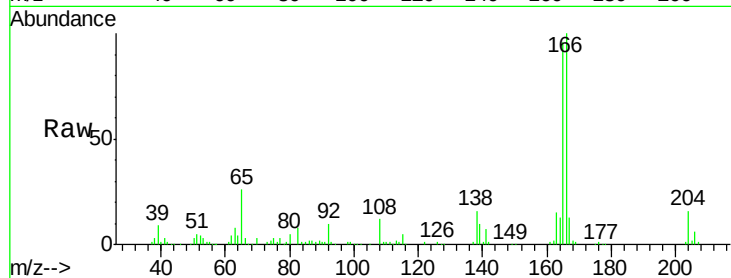
Tgt Ion:166 Resp: 174902

Ion Ratio Lower Upper

166 100

165 96.2 76.2 114.2

167 13.1 10.4 15.6

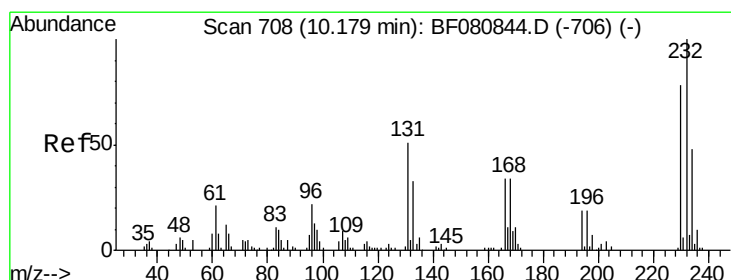
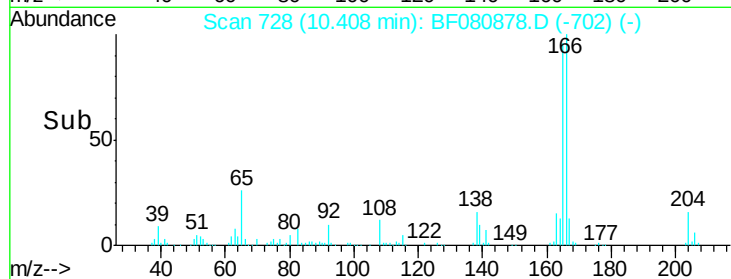
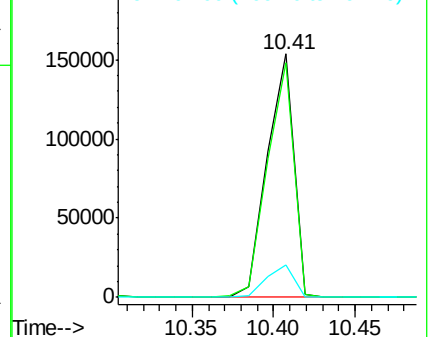


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.63 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Tgt Ion:232 Resp: 36895

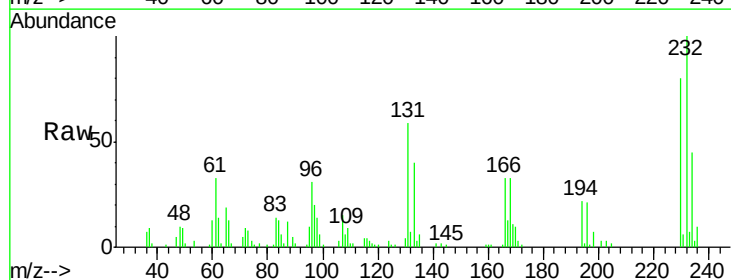
Ion Ratio Lower Upper

232 100

131 49.4 43.7 65.5

130 2.4 1.9 2.9

166 28.6 26.9 40.3



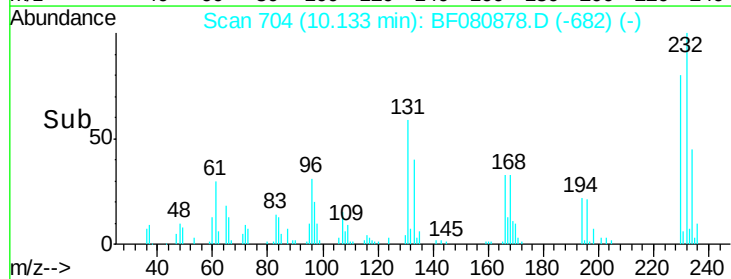
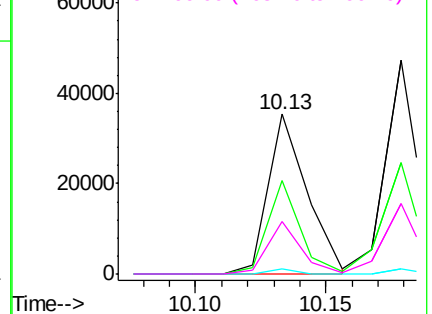
Abundance

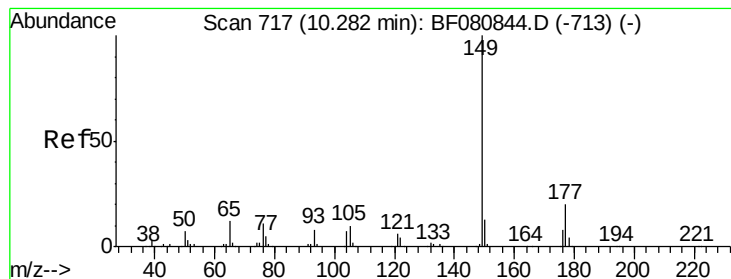
Ion 232.00 (231.70 to 232.70): E

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: 43.06 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

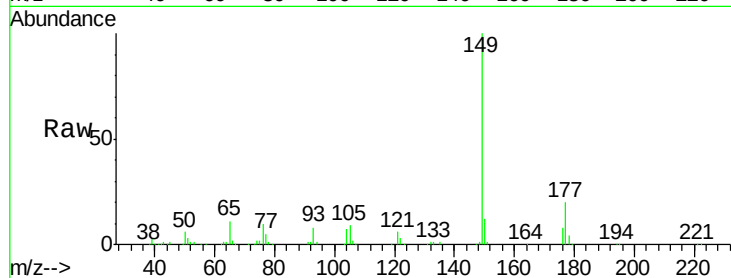
Tgt Ion:149 Resp: 198987

Ion Ratio Lower Upper

149 100

177 19.8 15.8 23.8

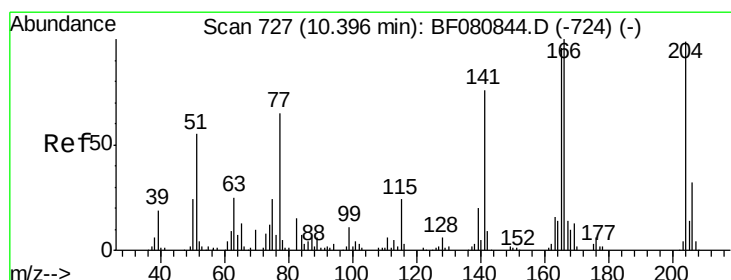
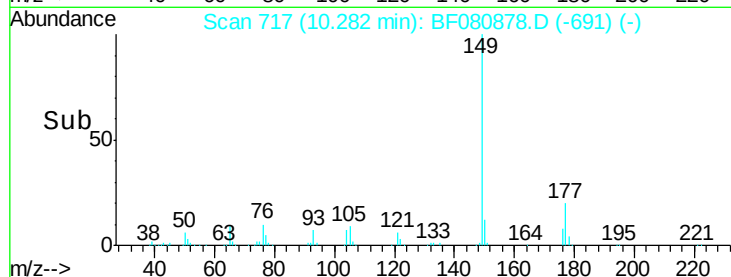
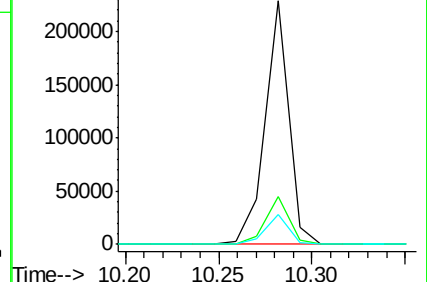
150 12.3 10.2 15.2



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: 40.88 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

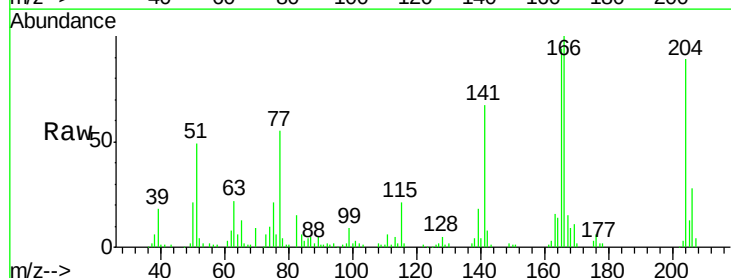
Tgt Ion:204 Resp: 77523

Ion Ratio Lower Upper

204 100

206 31.2 25.8 38.8

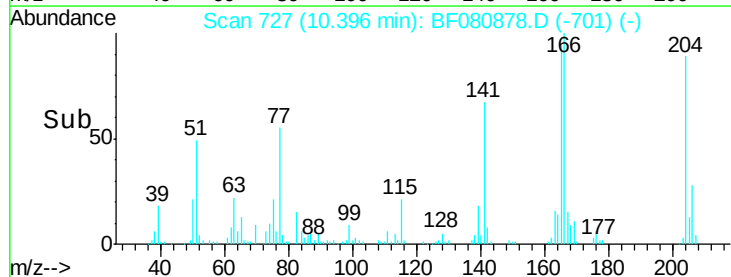
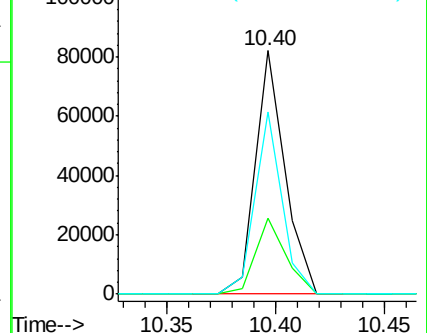
141 74.9 61.4 92.2

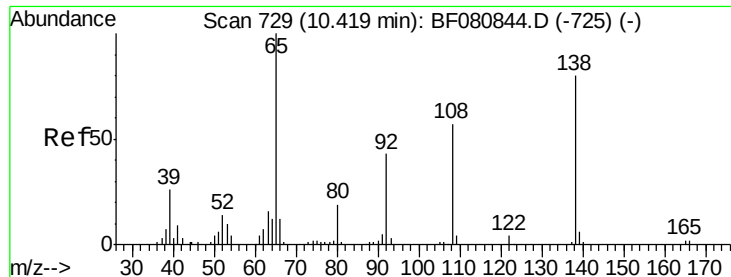


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

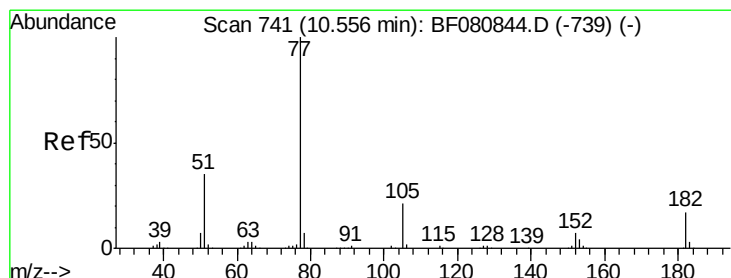
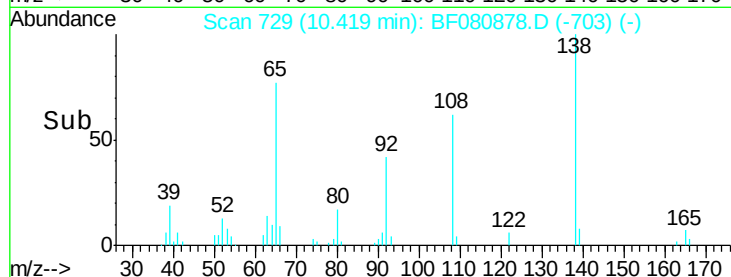
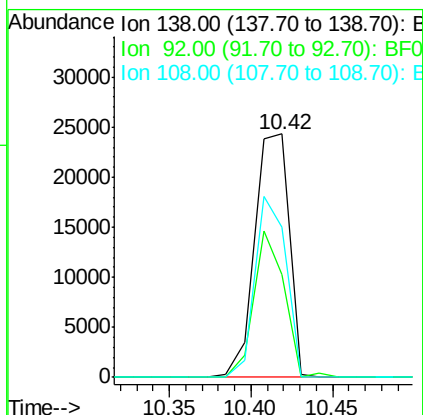
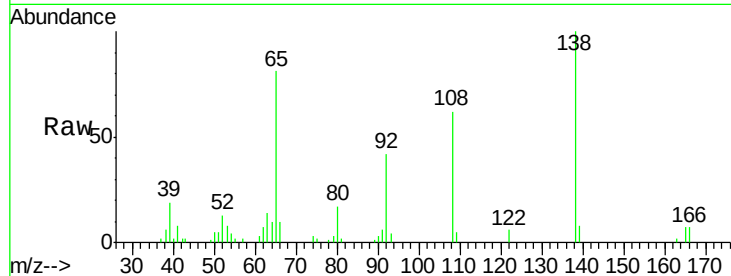




#61
4-Nitroaniline
Concen: 33.33 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

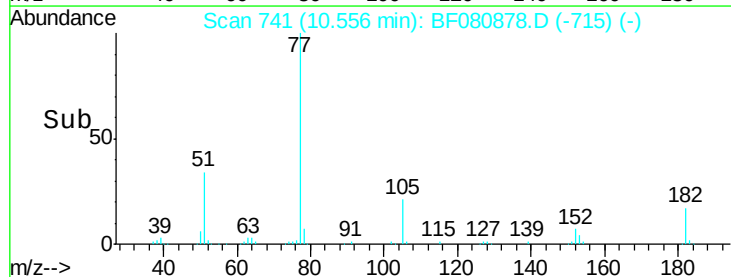
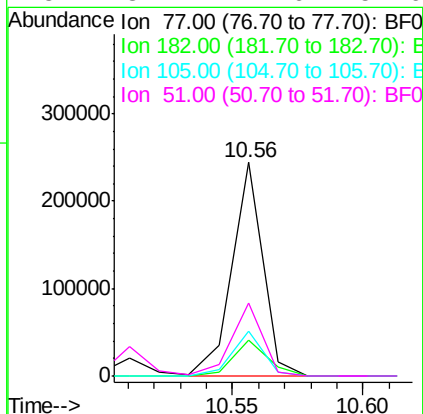
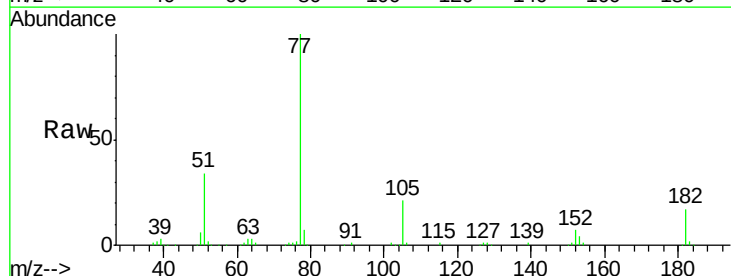
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

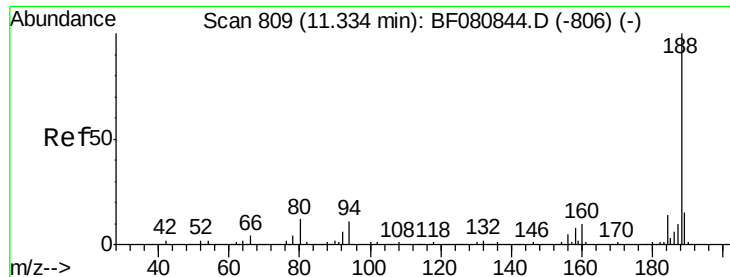
Tgt Ion:138 Resp: 35870
Ion Ratio Lower Upper
138 100
92 42.1 33.5 73.5
108 61.8 52.3 92.3



#62
Azobenzene
Concen: 37.44 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion: 77 Resp: 202335
Ion Ratio Lower Upper
77 100
182 16.9 0.0 37.0
105 20.9 1.3 41.3
51 34.1 14.6 54.6

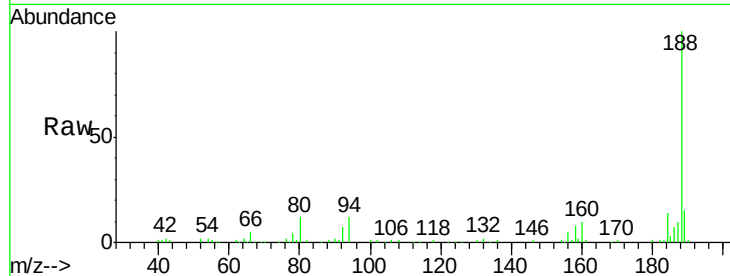




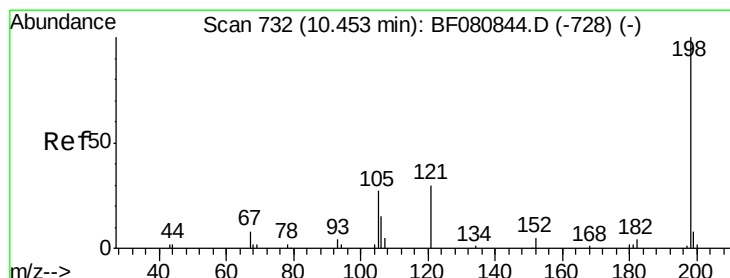
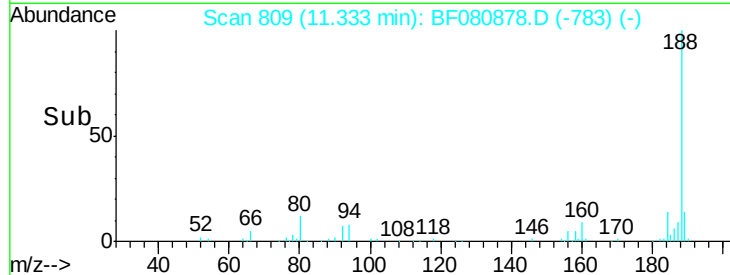
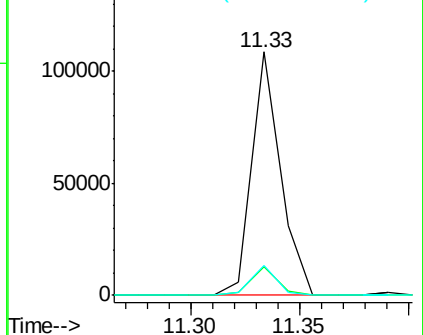
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.6	12.8
80	12.5	9.3	13.9

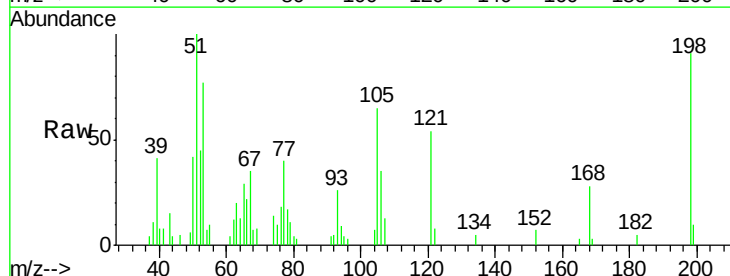


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

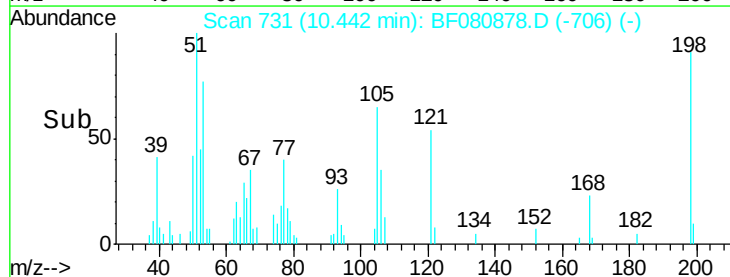
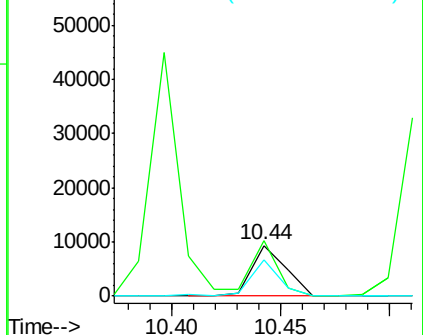


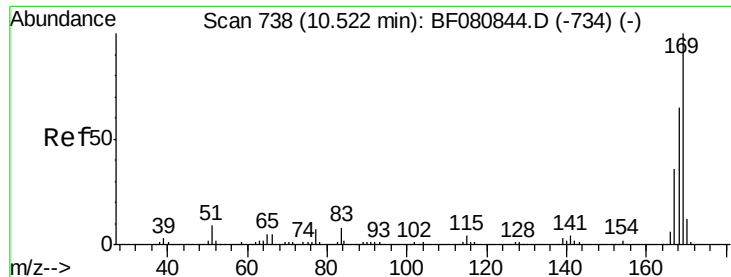
#64
 4,6-Dinitro-2-methylphenol
 Concen: 15.65 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion	Ratio	Lower	Upper
198	100		
51	109.8	4.7	44.7#
105	71.7	8.5	48.5#



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

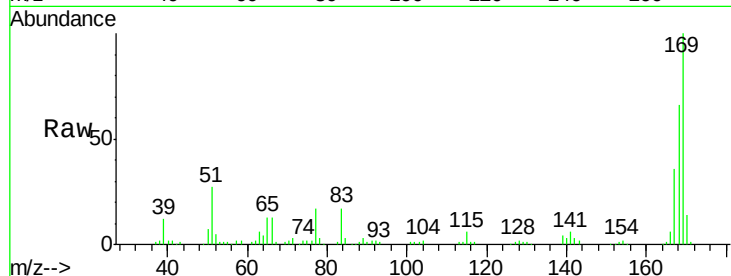




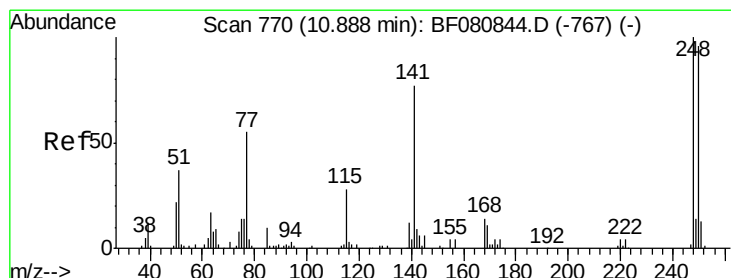
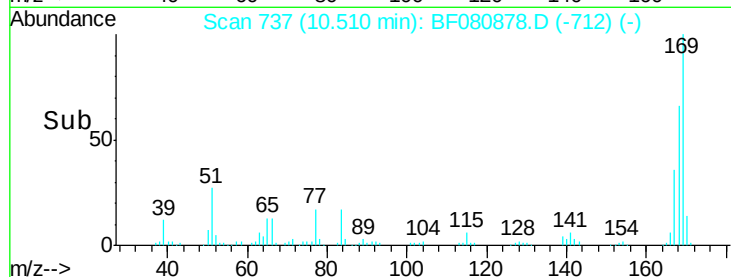
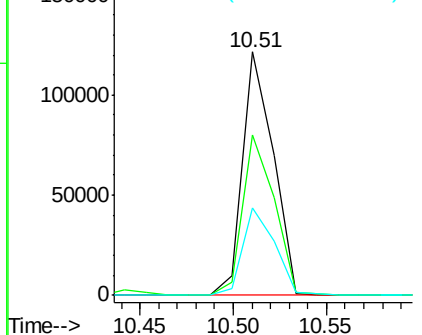
#65
 n-Nitrosodiphenylamine
 Concen: 36.12 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion:169 Resp: 138514
 Ion Ratio Lower Upper
 169 100
 168 65.8 52.2 78.4
 167 35.9 29.2 43.8

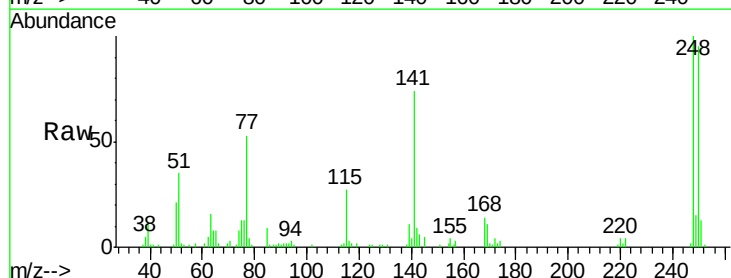


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

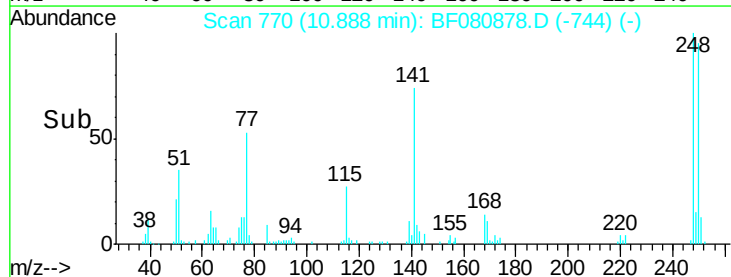
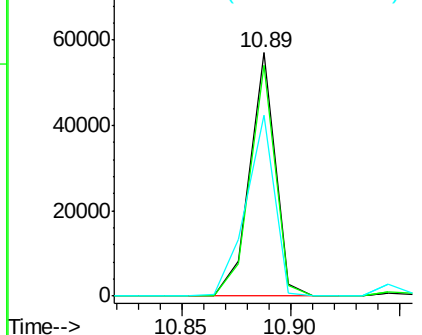


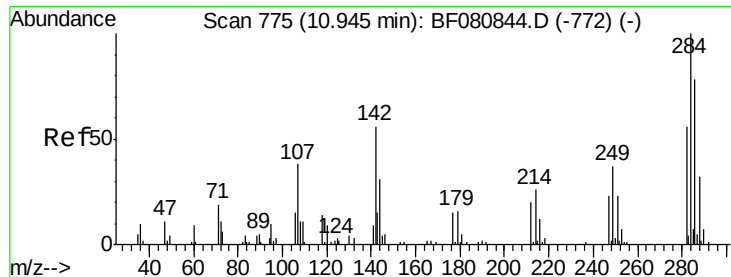
#66
 4-Bromophenyl-phenylether
 Concen: 42.04 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:248 Resp: 46571
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.2 115.8
 141 74.1 61.4 92.0



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

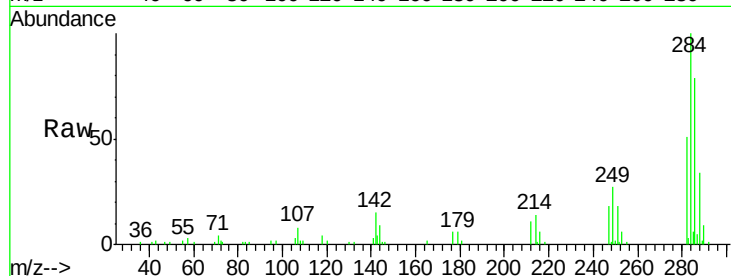




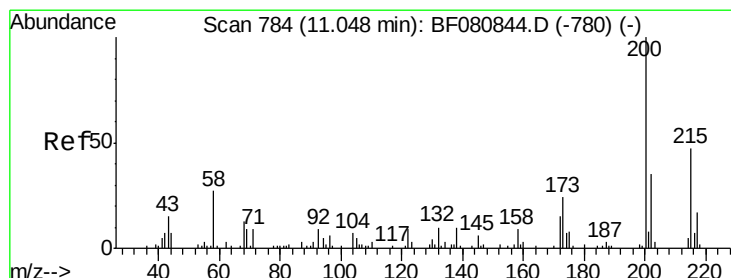
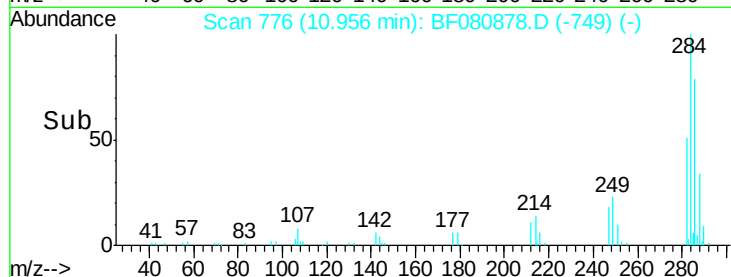
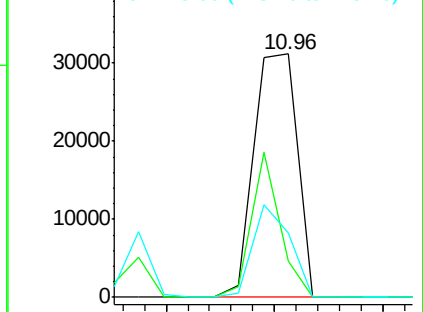
#67
Hexachlorobenzene
Concen: 35.96 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

Tgt Ion:284 Resp: 43513
Ion Ratio Lower Upper
284 100
142 14.7 44.4 66.6#
249 26.6 29.3 43.9#

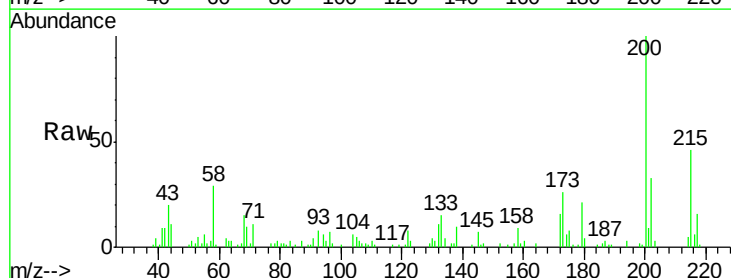


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

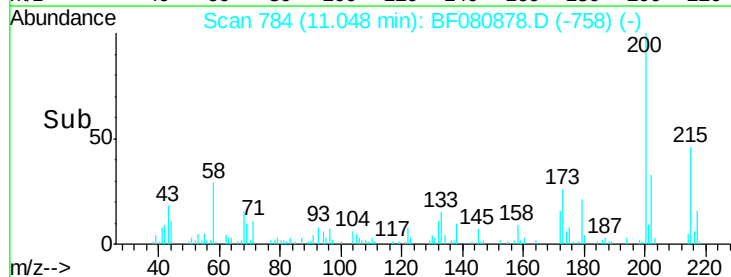
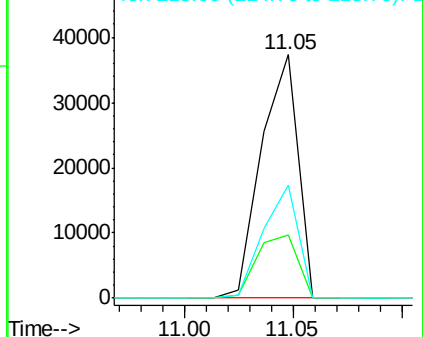


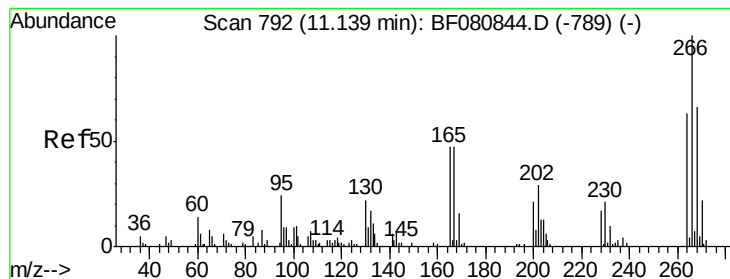
#68
Atrazine
Concen: 44.12 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion:200 Resp: 44033
Ion Ratio Lower Upper
200 100
173 26.2 4.8 44.8
215 46.3 27.1 67.1



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: 66.11 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

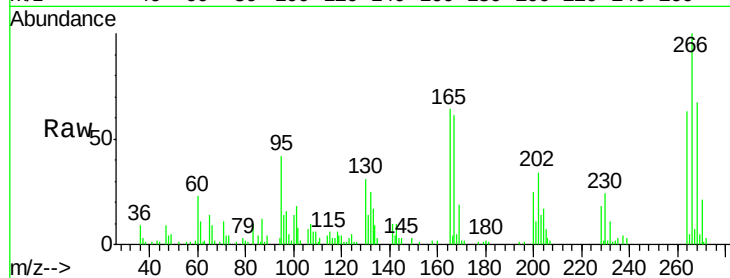
Tgt Ion:266 Resp: 43587

Ion Ratio Lower Upper

266 100

268 67.4 52.6 78.8

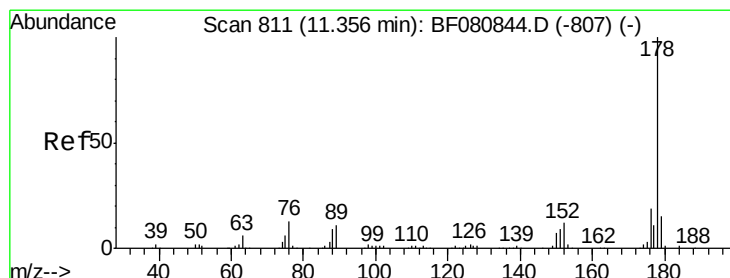
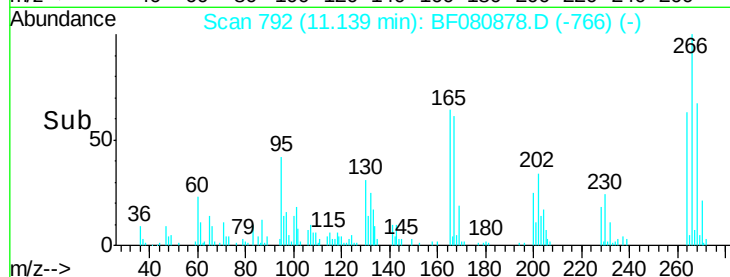
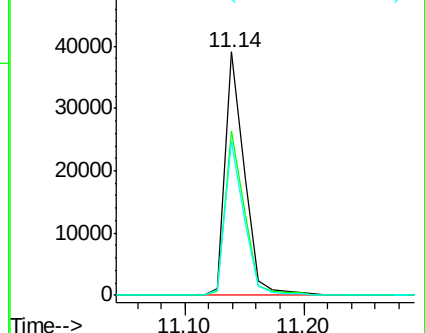
264 63.5 50.7 76.1



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.33 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

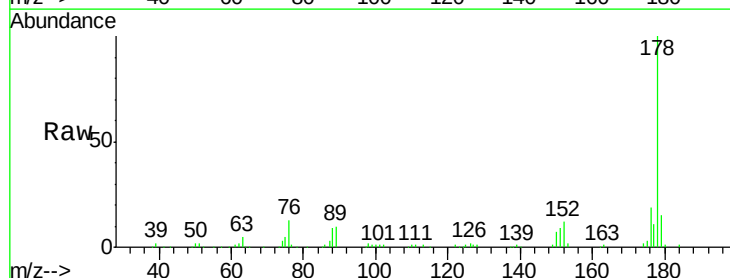
Tgt Ion:178 Resp: 233234

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

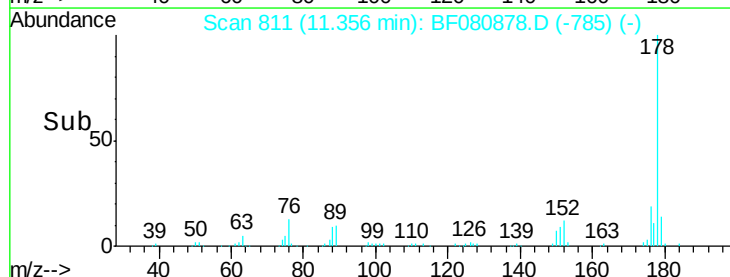
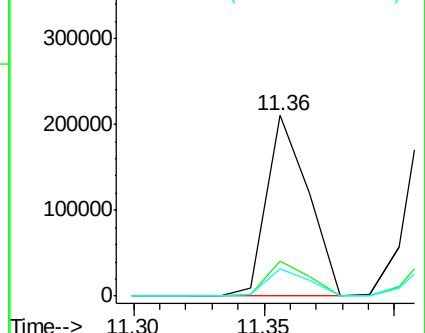
179 15.4 12.3 18.5

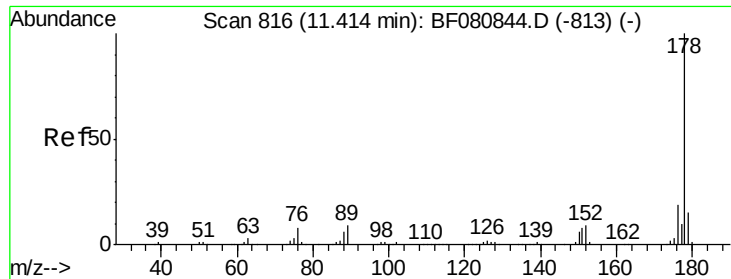


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

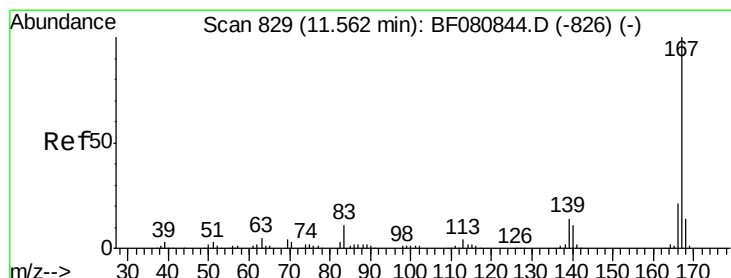
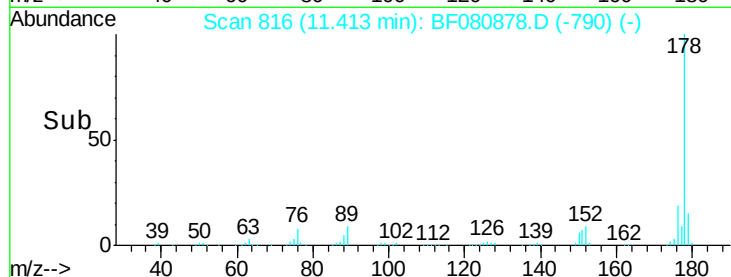
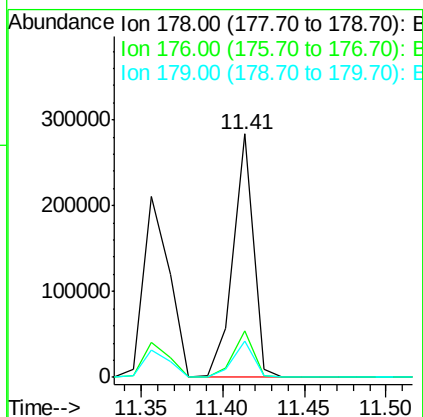
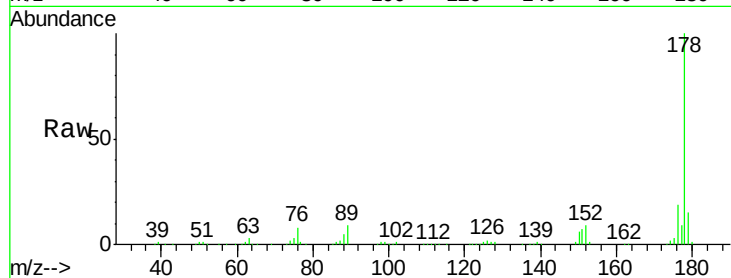




#71
 Anthracene
 Concen: 43.06 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

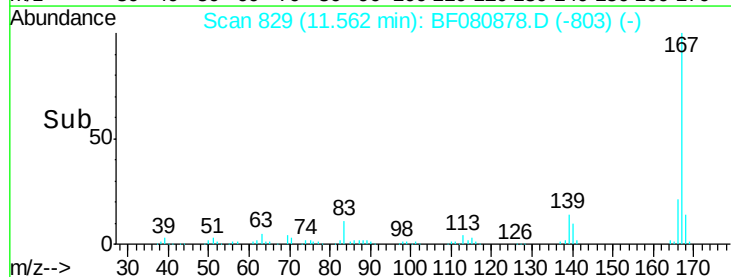
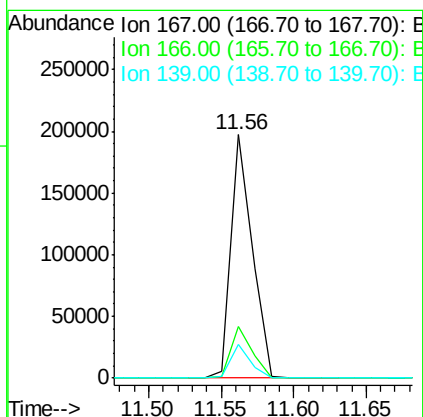
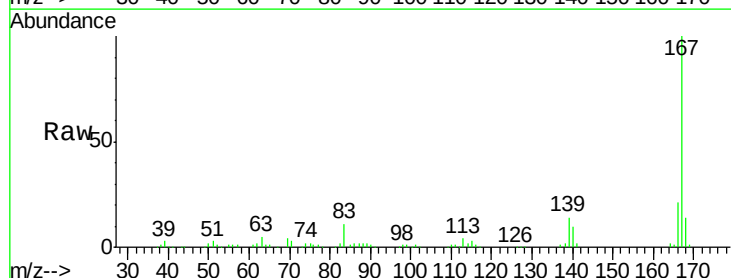
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

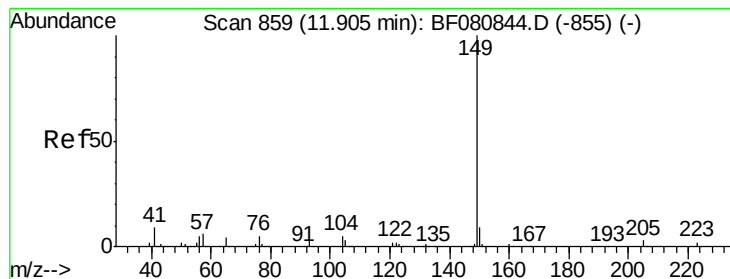
Tgt Ion:178 Resp: 241953
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.1 12.2 18.4



#72
 Carbazole
 Concen: 37.95 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion:167 Resp: 201155
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.6 25.0
 139 13.9 11.3 16.9





#73

Di-n-butylphthalate

Concen: 44.38 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

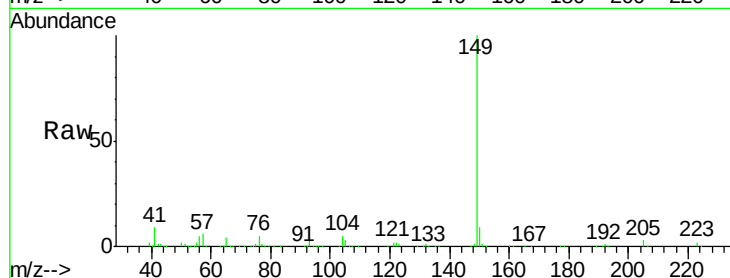
Tgt Ion:149 Resp: 278534

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

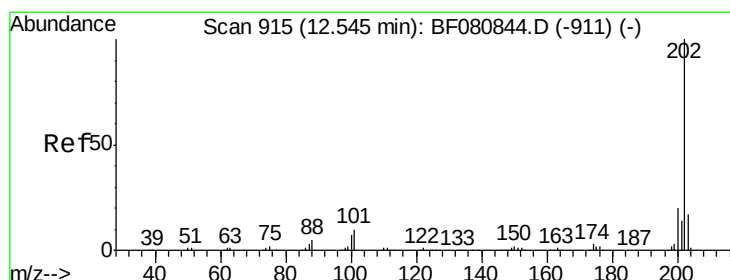
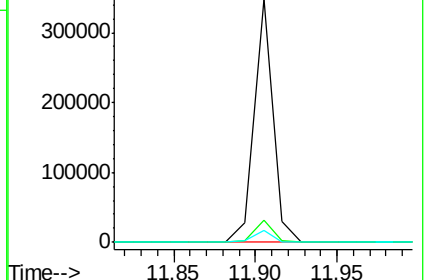
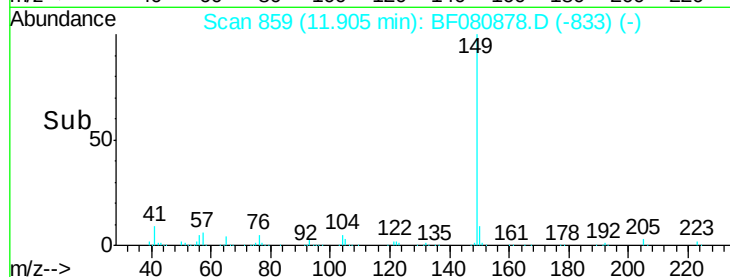
104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.56 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

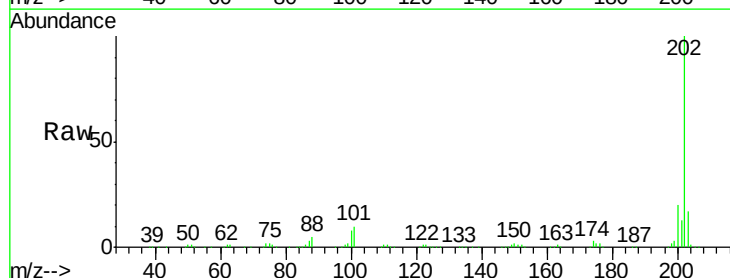
Tgt Ion:202 Resp: 267866

Ion Ratio Lower Upper

202 100

101 10.5 0.0 29.9

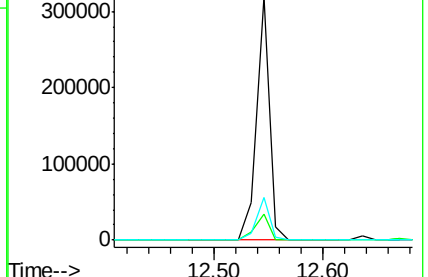
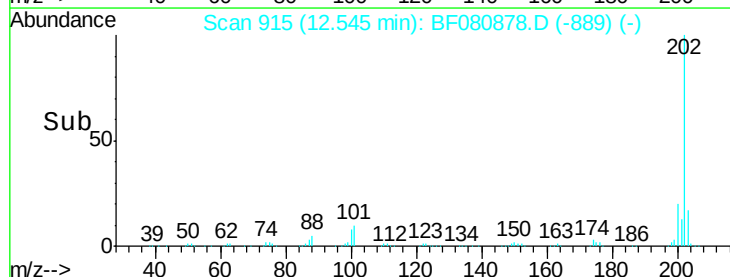
203 17.3 0.0 37.4

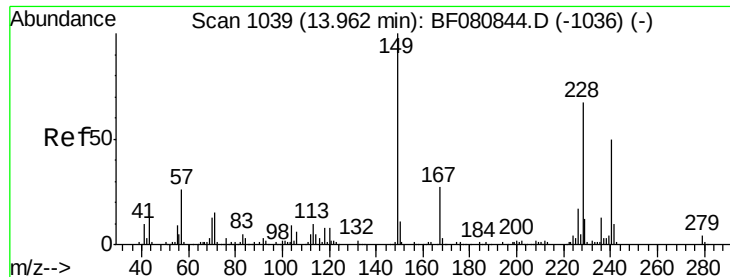


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

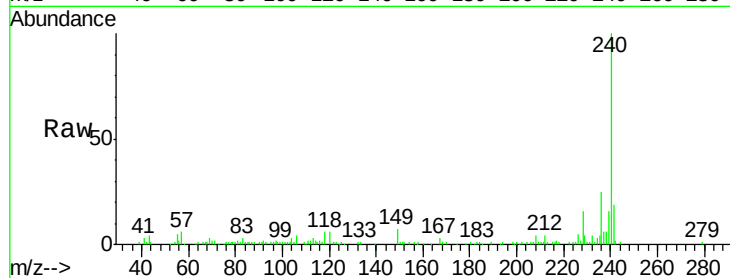
Tgt Ion:240 Resp: 96845

Ion Ratio Lower Upper

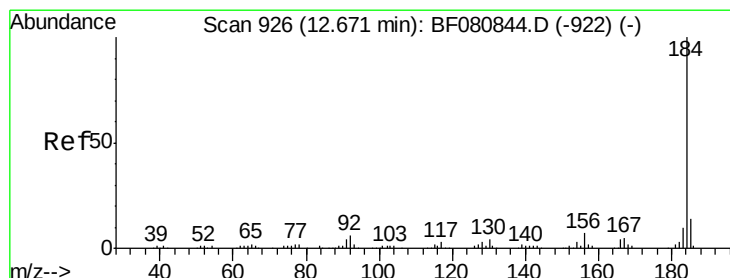
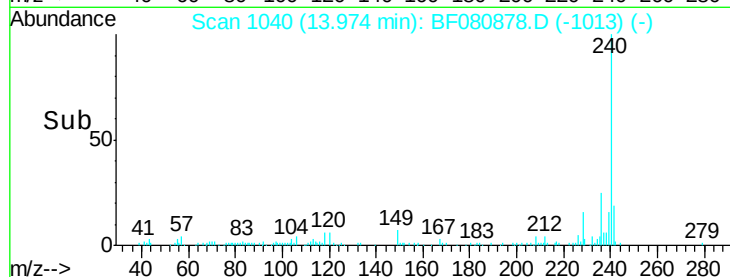
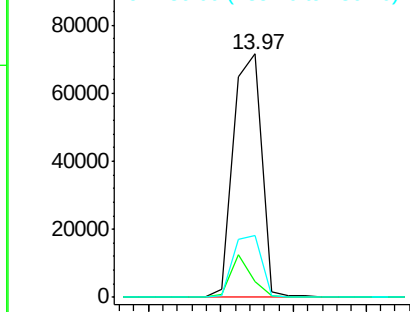
240 100

120 6.4 13.0 19.6#

236 25.1 20.7 31.1



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: 34.14 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

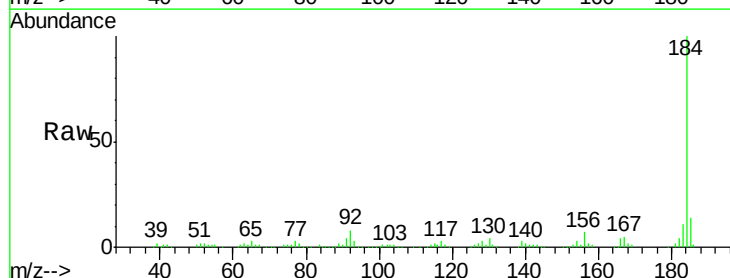
Tgt Ion:184 Resp: 160040

Ion Ratio Lower Upper

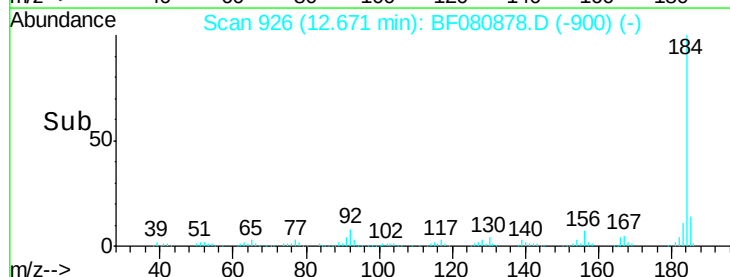
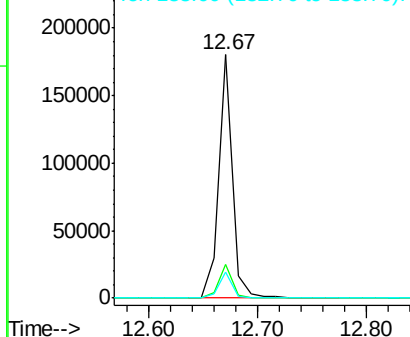
184 100

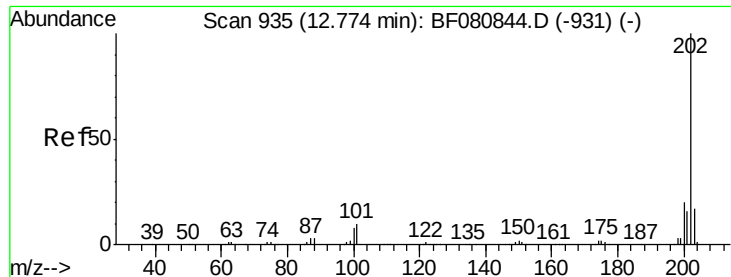
185 13.9 11.4 17.2

183 10.6 8.4 12.6



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: 31.56 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

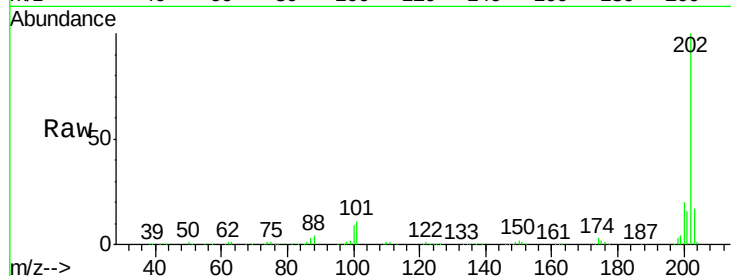
Tgt Ion:202 Resp: 274220

Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

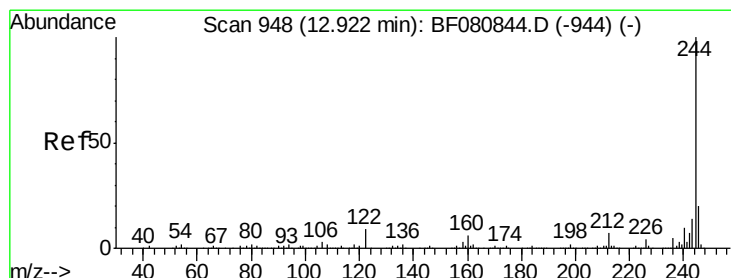
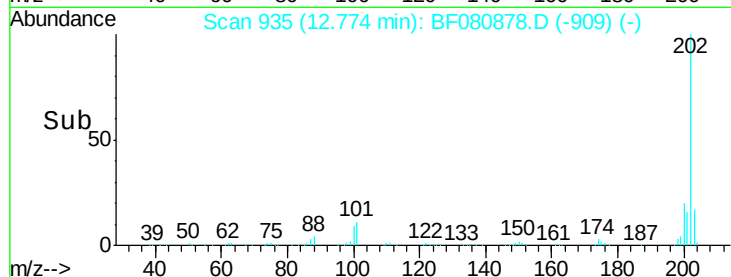
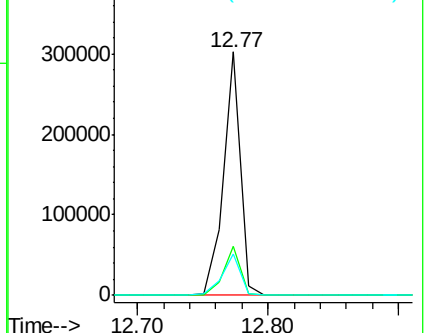
203 17.3 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.54 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

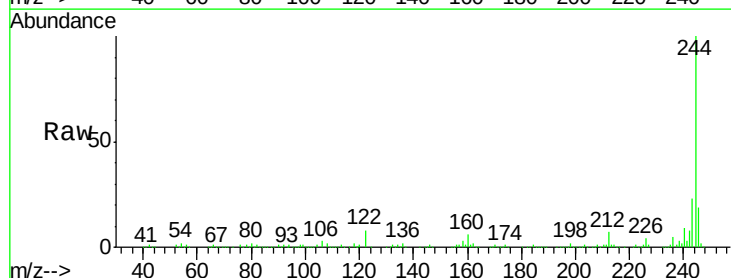
Tgt Ion:244 Resp: 302514

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

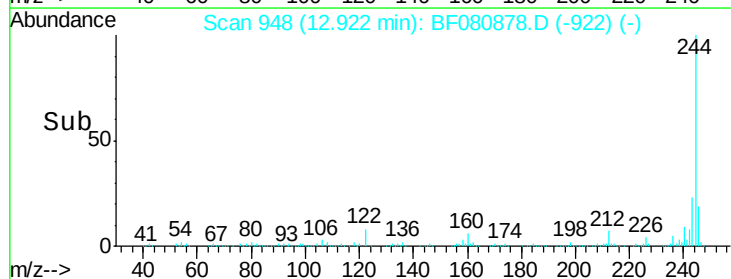
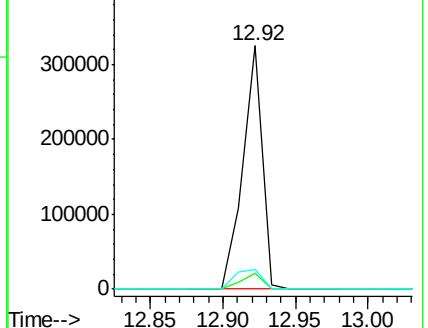
122 8.1 7.1 10.7

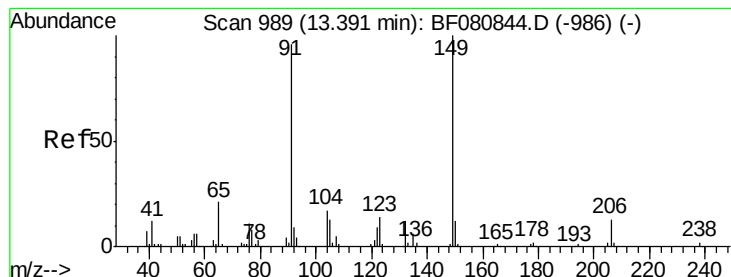


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.37 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

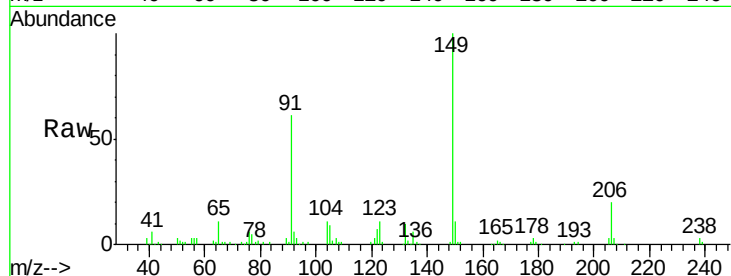
Tgt Ion:149 Resp: 107919

Ion Ratio Lower Upper

149 100

91 61.5 76.4 114.6#

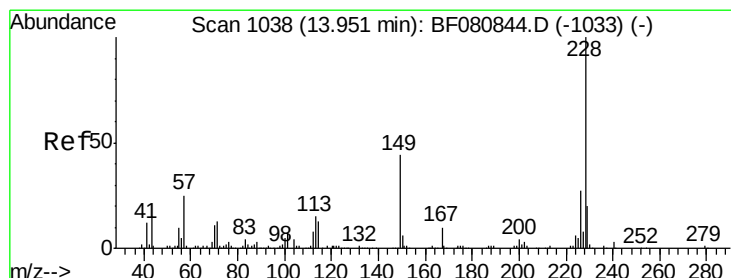
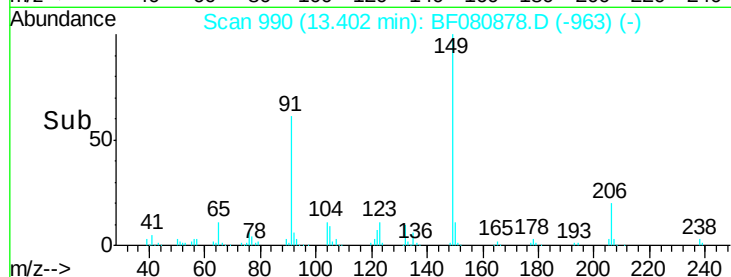
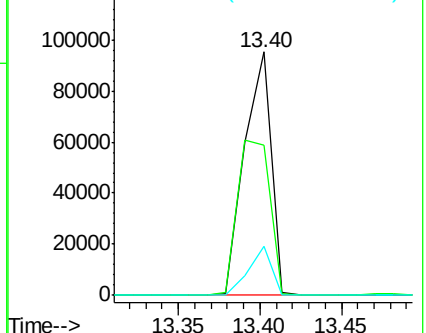
206 20.3 10.7 16.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.94 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

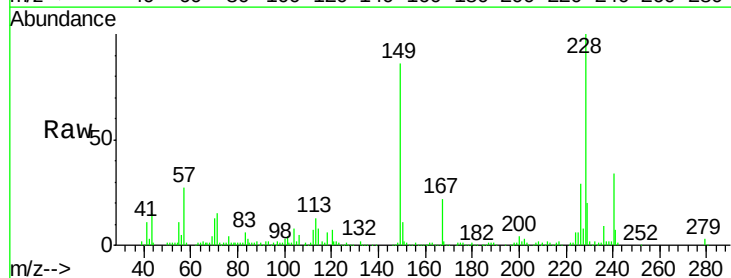
Tgt Ion:228 Resp: 265251

Ion Ratio Lower Upper

228 100

226 28.9 21.5 32.3

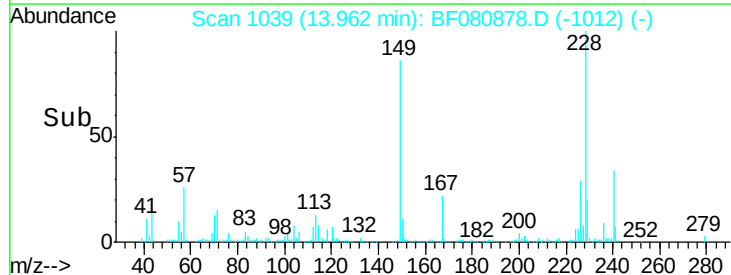
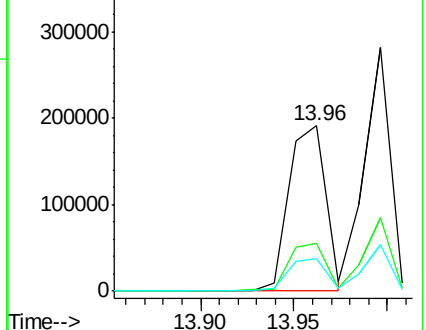
229 19.9 16.2 24.2

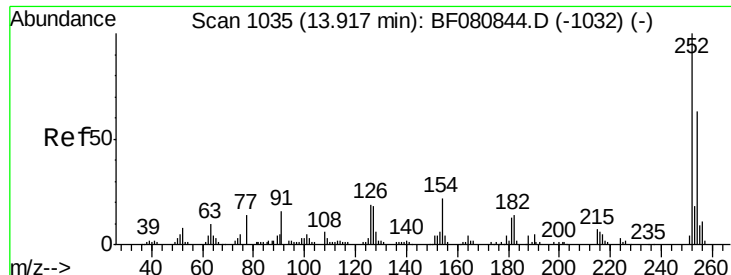


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

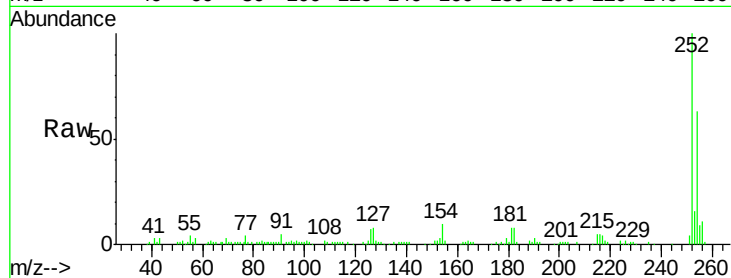




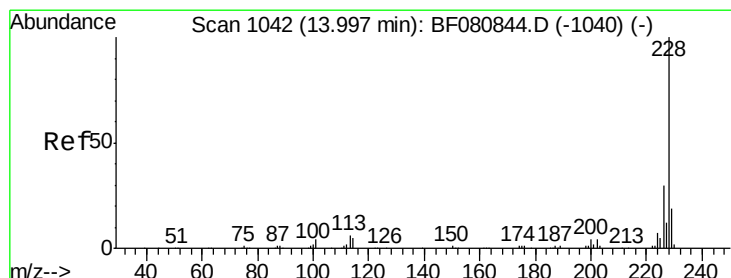
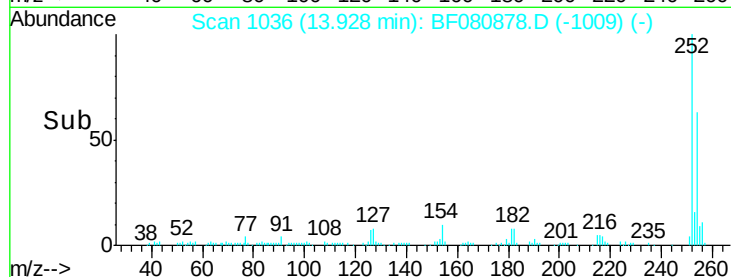
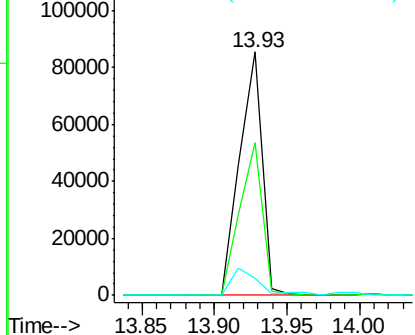
#81
 3,3'-Dichlorobenzidine
 Concen: 38.50 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

Tgt Ion: 252 Resp: 92664
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.3 75.5
 126 7.1 15.1 22.7#

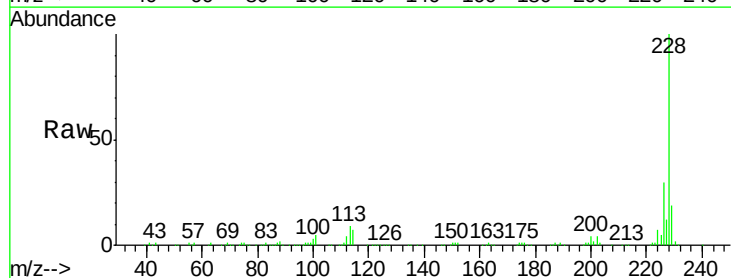


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

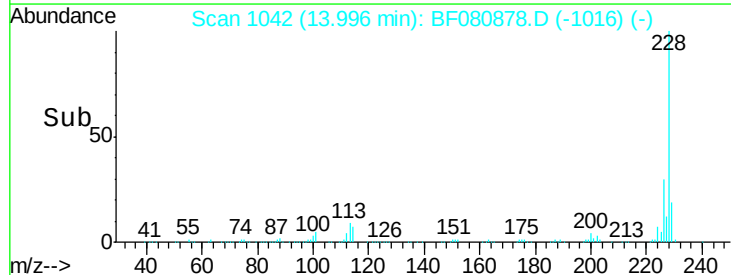
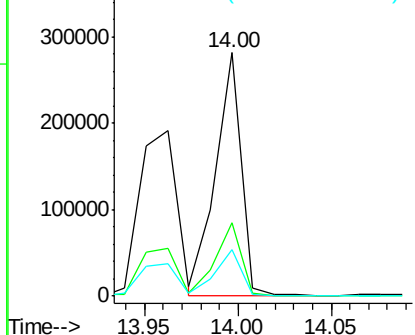


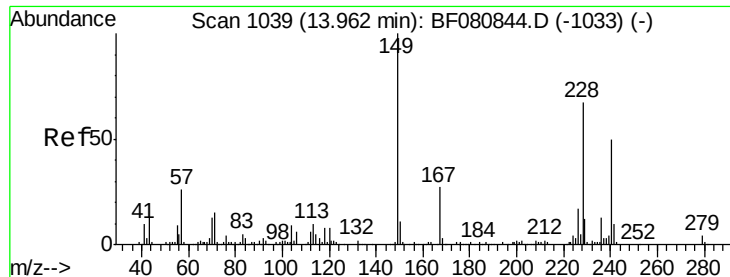
#82
 Chrysene
 Concen: 40.65 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion: 228 Resp: 268337
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.6 35.4
 229 19.3 15.1 22.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.90 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

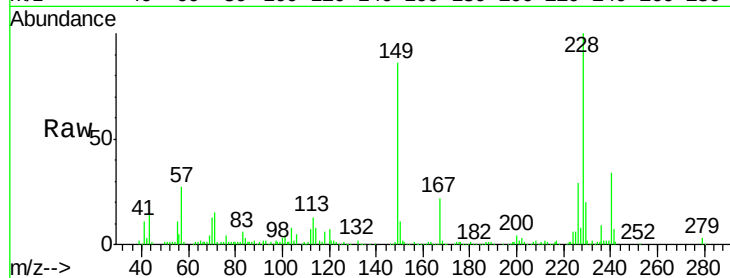
Tgt Ion:149 Resp: 165593

Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.8

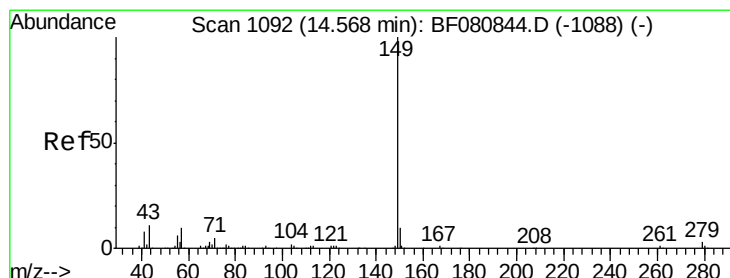
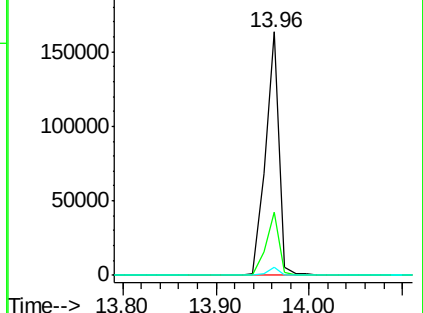
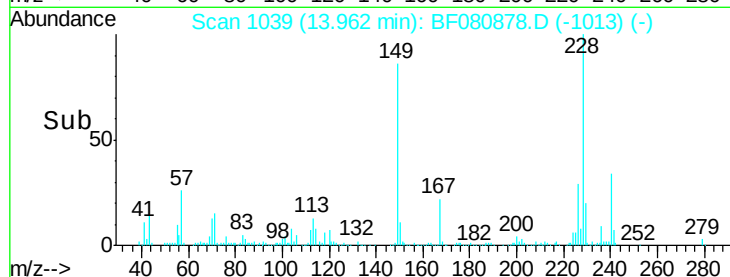
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.78 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

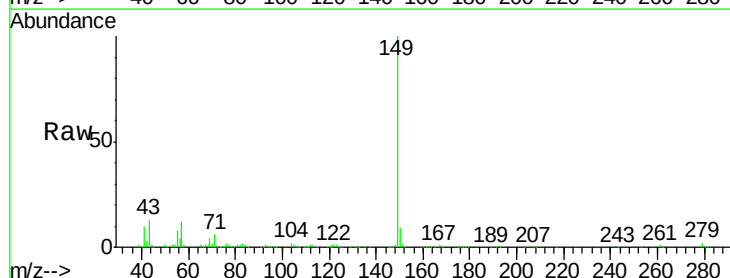
Tgt Ion:149 Resp: 325154

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

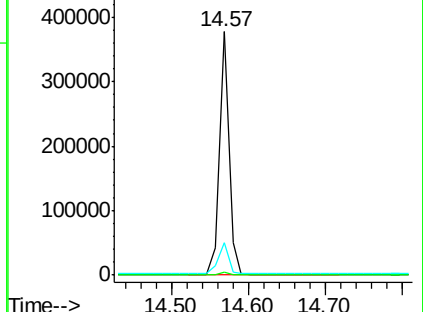
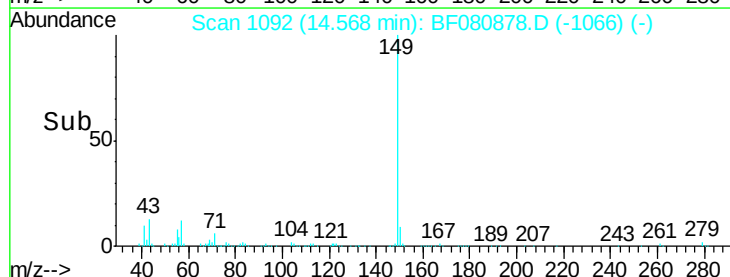
43 14.1 10.3 15.5

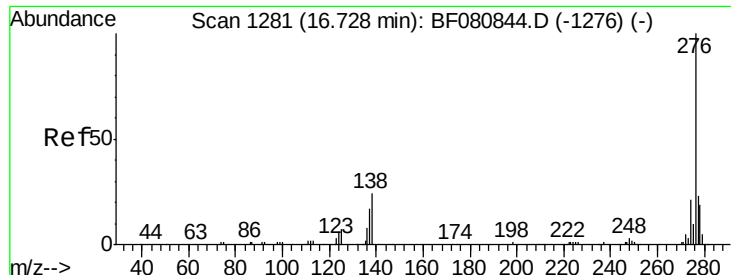


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

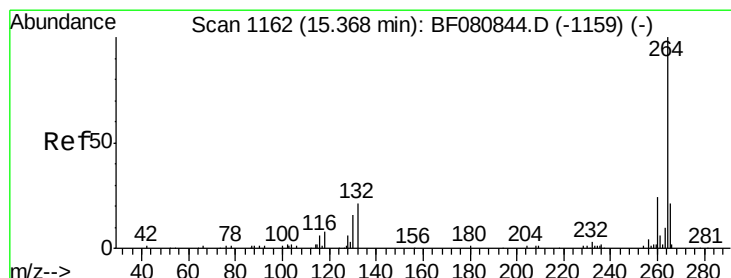
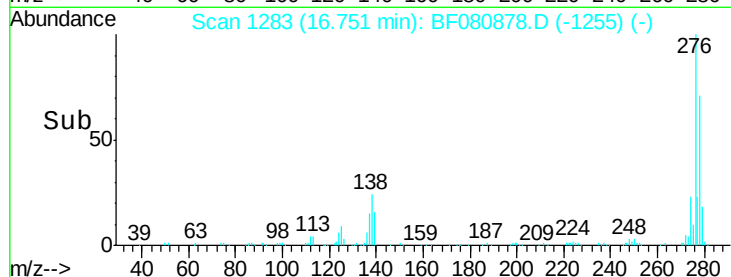
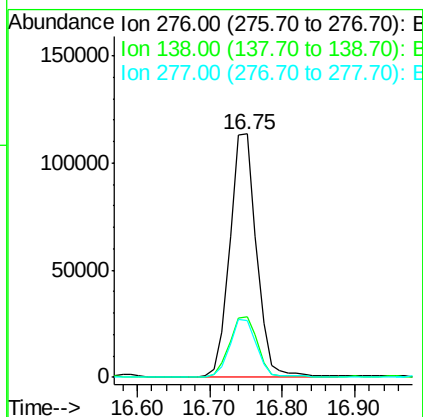
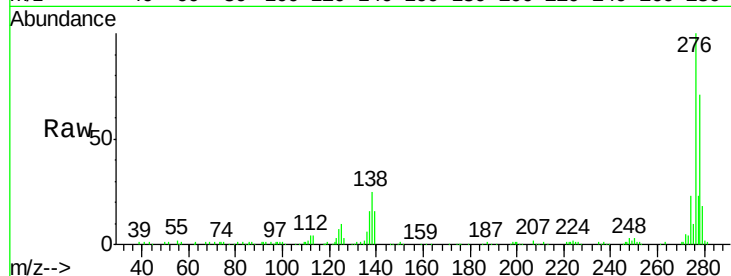




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.95 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.02 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

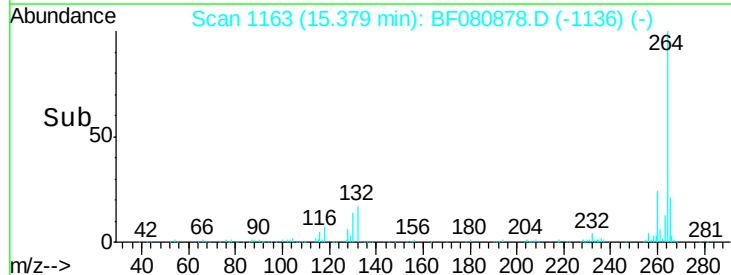
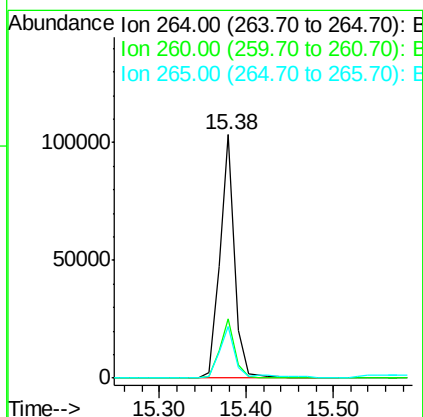
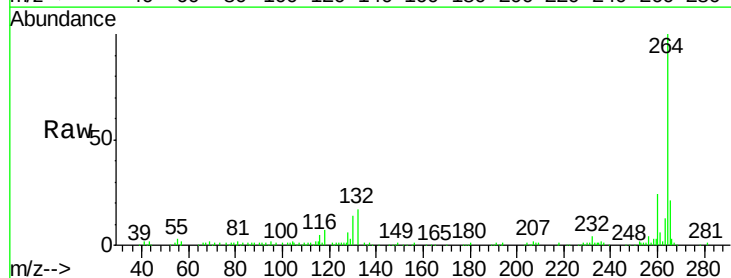
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-003-ABCDMS

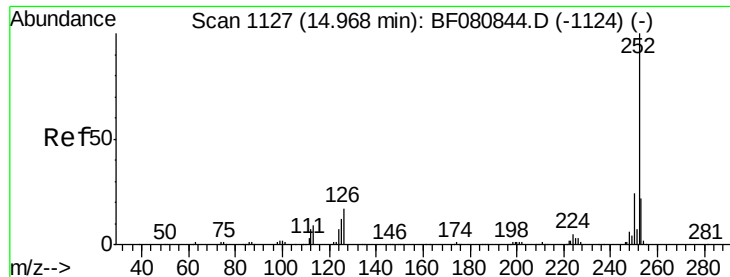
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.6	32.4
277	24.6	19.6	29.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF080878.D
 Acq: 5 Aug 2015 12:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.4	16.8	25.2

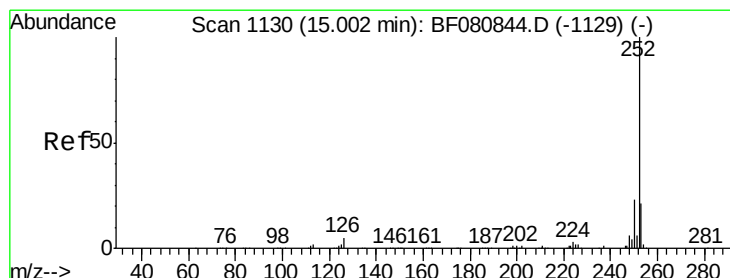
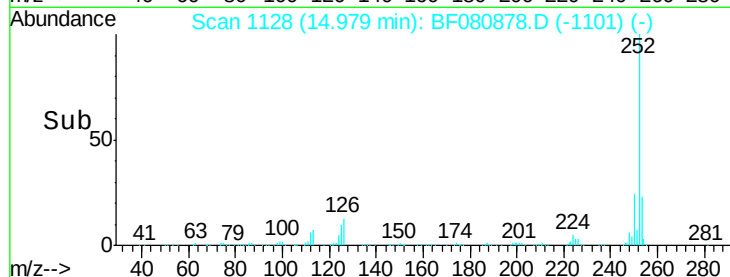
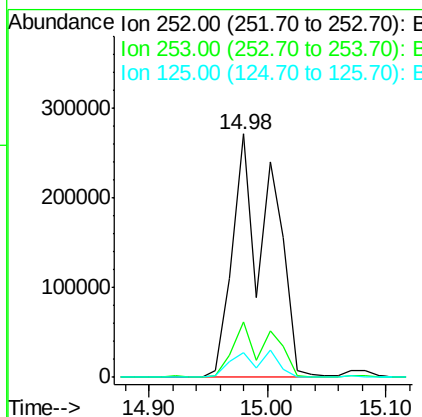
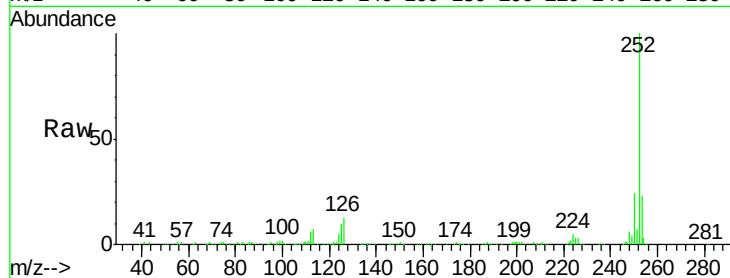




#87
Benzo(b)fluoranthene
Concen: 66.25 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

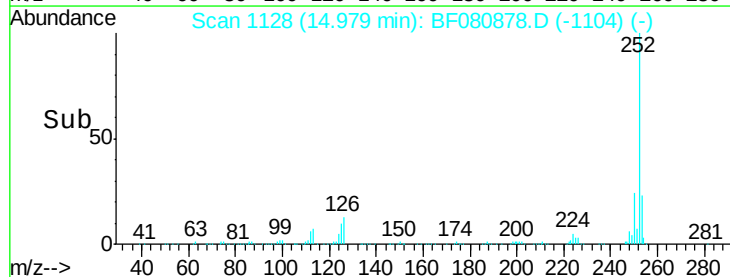
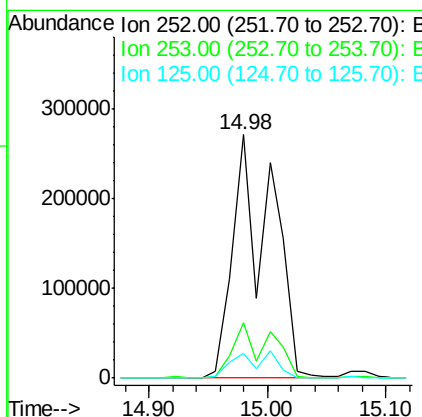
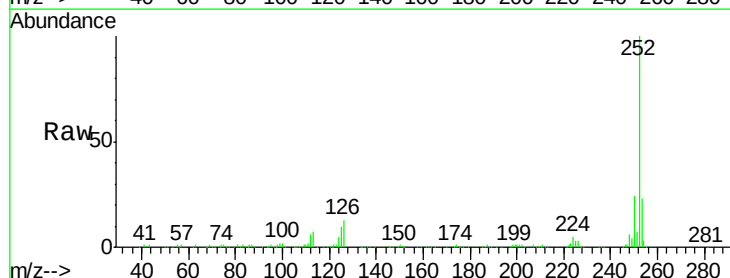
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-003-ABCDMS

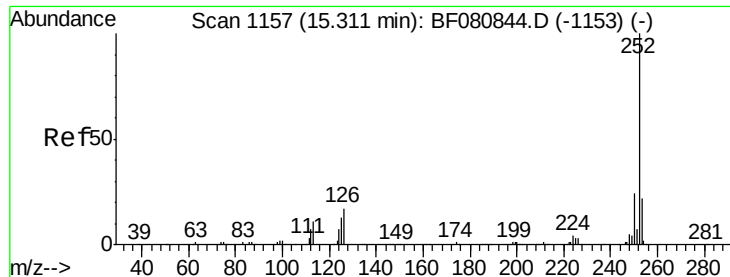
Tgt Ion:252 Resp: 611227
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 86.06 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF080878.D
Acq: 5 Aug 2015 12:42

Tgt Ion:252 Resp: 611227
Ion Ratio Lower Upper
252 100
253 22.8 16.9 25.3
125 10.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 39.77 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS

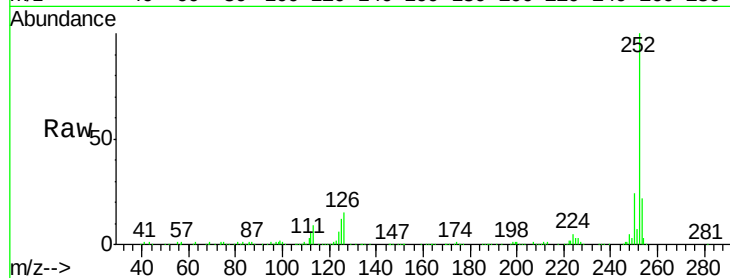
Tgt Ion:252 Resp: 299486

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

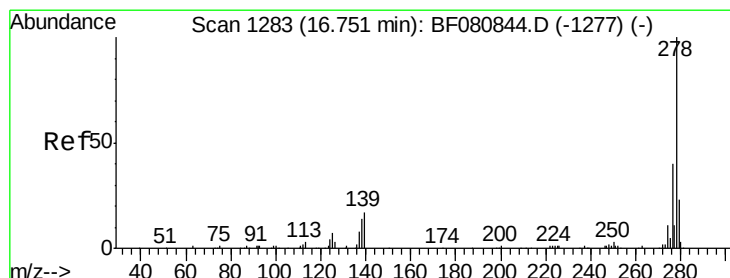
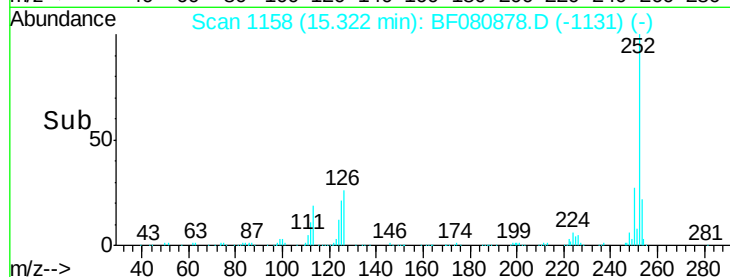
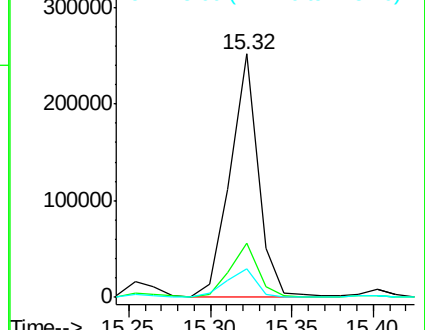
125 11.5 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.16 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF080878.D

Acq: 5 Aug 2015 12:42

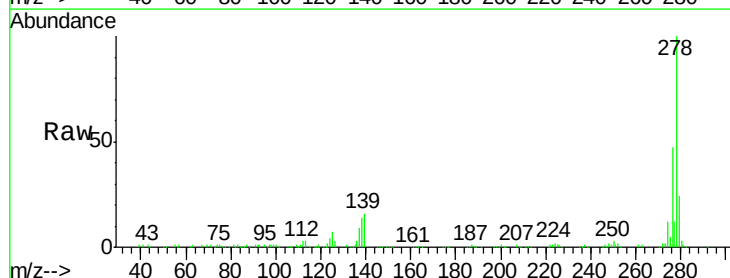
Tgt Ion:278 Resp: 243123

Ion Ratio Lower Upper

278 100

139 16.5 13.4 20.0

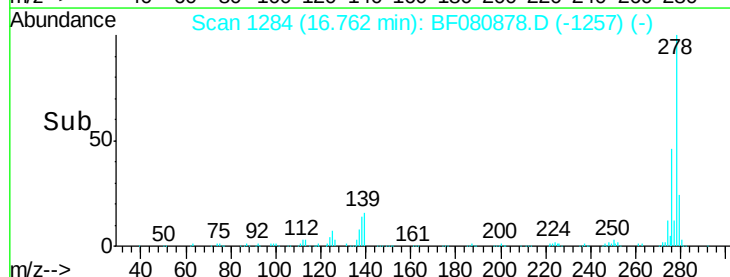
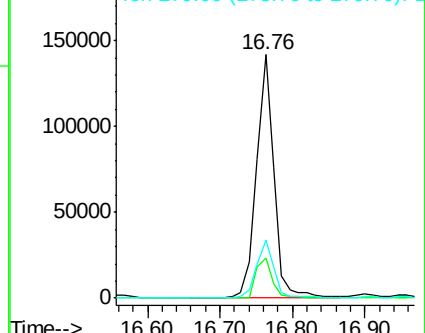
279 23.9 18.4 27.6

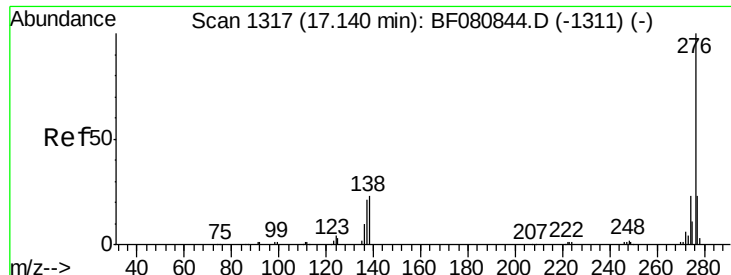


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.93 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BF080878.D

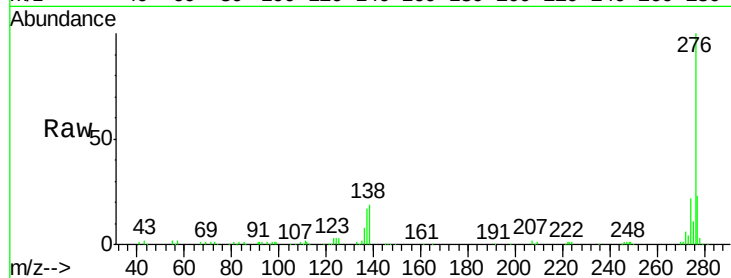
Acq: 5 Aug 2015 12:42

Instrument :

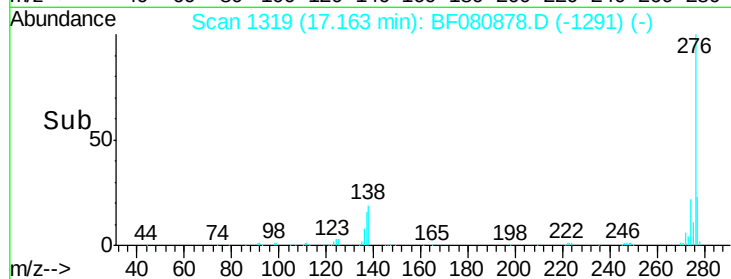
BNA_F

ClientSampleId :

FK-EF-01-003-ABCDMS



Tgt Ion:	276	Resp:	233538
Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	27.8
138	18.9	18.8	28.2



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

