

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079749.D
 Acq On : 6 Jun 2015 2:06
 Operator : TP/IZ
 Sample : G2443-02MS 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Quant Time: Jun 08 04:41:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	49840	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	211166	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	117402	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	237691	20.00	ng	0.00
75) Chrysene-d12	14.98	240	257735	20.00	ng	-0.03
86) Perylene-d12	16.90	264	251776	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	26193	4.40	ng	0.00
7) Phenol-d6	7.07	99	34006	4.43	ng	-0.01
23) Nitrobenzene-d5	8.04	82	15816	2.30	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	6400	2.85	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	40737	2.35	ng	0.00
78) Terphenyl-d14	13.73	244	52942	2.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	3536	2.69	ng	# 76
3) Pyridine	4.34	79	6487	1.76	ng	# 82
4) n-Nitrosodimethylamine	4.22	42	4234	2.65	ng	# 83
6) Aniline	7.14	93	7182	1.29	ng	97
8) 2-Chlorophenol	7.27	128	10140	3.15	ng	96
9) Benzaldehyde	7.04	77	760	0.31	ng	# 38
10) Phenol	7.08	94	11102	2.66	ng	75
11) bis(2-Chloroethyl)ether	7.20	93	10401	3.21	ng	98
12) 1,3-Dichlorobenzene	7.43	146	10410	2.58	ng	96
13) 1,4-Dichlorobenzene	7.51	146	11827	2.77	ng	98
14) 1,2-Dichlorobenzene	7.67	146	10399	2.60	ng	94
15) Benzyl Alcohol	7.61	79	7802	2.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	14904	3.04	ng	98
17) 2-Methylphenol	7.71	107	7339	2.44	ng	94
18) Hexachloroethane	8.01	117	3475	2.80	ng	91
19) n-Nitroso-di-n-propylamine	7.87	70	7467	2.80	ng	# 90
20) 3+4-Methylphenols	7.86	107	9328	2.44	ng	95
22) Acetophenone	7.88	105	13844	2.75	ng	# 99
24) Nitrobenzene	8.06	77	8324	2.43	ng	97
25) Isophorone	8.30	82	20643	2.94	ng	98
26) 2-Nitrophenol	8.39	139	2866	1.98	ng	95
27) 2,4-Dimethylphenol	8.40	122	9079	2.79	ng	95
28) bis(2-Chloroethoxy)methane	8.50	93	11299	2.60	ng	# 97
29) 2,4-Dichlorophenol	8.63	162	6863	2.35	ng	87
30) 1,2,4-Trichlorobenzene	8.72	180	10184	2.88	ng	95
31) Naphthalene	8.80	128	30017	2.71	ng	99
32) Benzoic acid	8.40	122	9079	11.63	ng	# 13
33) 4-Chloroaniline	8.83	127	10936	1.94	ng	95
34) Hexachlorobutadiene	8.92	225	5694	2.64	ng	94
35) Caprolactam	9.15	113	2129	2.40	ng	# 75
36) 4-Chloro-3-methylphenol	9.30	107	7675	2.35	ng	95
37) 2-Methylnaphthalene	9.50	142	20573	2.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	9838	2.69	ng	97
40) Hexachlorocyclopentadiene	9.66	237	3203	2.04	ng	90

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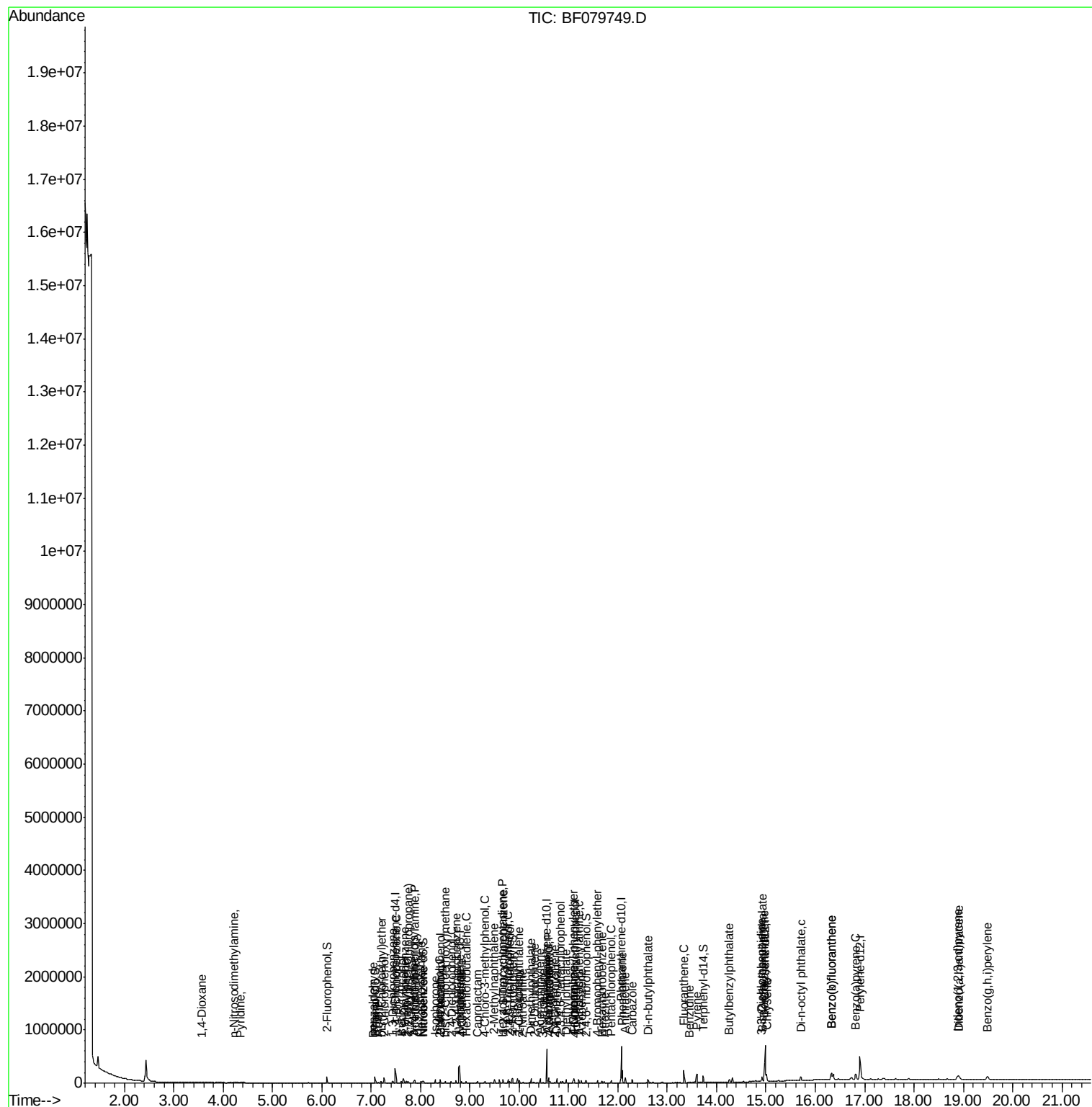
Quant Time: Jun 08 04:41:29 2015
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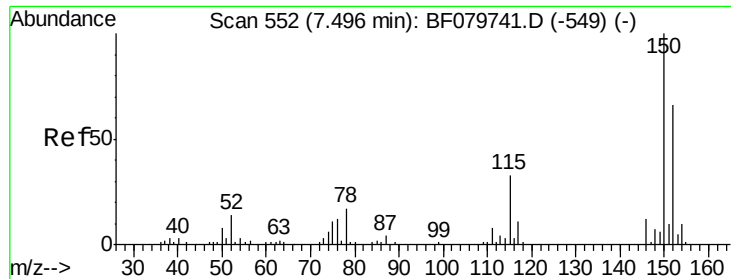
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	5740	2.36	ng	95
43) 2,4,5-Trichlorophenol	9.80	196	5688	2.22	ng	95
45) 1,1'-Biphenyl	9.96	154	25638	2.51	ng	95
46) 2-Chloronaphthalene	10.00	162	18343	2.20	ng	92
47) 2-Nitroaniline	10.07	65	2399	1.37	ng	# 83
48) Acenaphthylene	10.42	152	35156	2.55	ng	99
49) Dimethylphthalate	10.24	163	31286	3.46	ng	99
50) 2,6-Dinitrotoluene	10.31	165	1801	2.51	ng	# 81
51) Acenaphthene	10.59	154	20471	2.62	ng	99
52) 3-Nitroaniline	10.48	138	2279	1.19	ng	# 92
53) 2,4-Dinitrophenol	10.59	184	213	2.81	ng	# 1
54) Dibenzofuran	10.76	168	30958	2.80	ng	99
55) 4-Nitrophenol	10.62	139	4768	3.34	ng	93
56) 2,4-Dinitrotoluene	10.72	165	2686	3.51	ng	# 91
57) Fluorene	11.11	166	23831	2.49	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.83	232	4250	2.14	ng	# 88
59) Diethylphthalate	10.95	149	23482	2.66	ng	100
60) 4-Chlorophenyl-phenylether	11.10	204	10417	2.40	ng	# 77
61) 4-Nitroaniline	11.10	138	3172	1.88	ng	93
62) Azobenzene	11.26	77	20845	2.33	ng	83
64) 4,6-Dinitro-2-methylphenol	11.13	198	312	0.13	ng	# 10
65) n-Nitrosodiphenylamine	11.20	169	17572	2.21	ng	98
66) 4-Bromophenyl-phenylether	11.59	248	6010	2.34	ng	# 89
67) Hexachlorobenzene	11.68	284	6603	2.28	ng	93
68) Atrazine	11.72	200	5098	2.14	ng	99
69) Pentachlorophenol	11.86	266	4496	4.77	ng	93
70) Phenanthrene	12.09	178	86569	6.22	ng	97
71) Anthracene	12.15	178	42071	3.07	ng	98
72) Carbazole	12.28	167	34651	2.66	ng	# 95
73) Di-n-butylphthalate	12.61	149	34433	2.33	ng	# 84
74) Fluoranthene	13.34	202	110605	7.26	ng	95
76) Benzidine	13.45	184	547	0.07	ng	# 66
77) Pyrene	13.60	202	97991	6.20	ng	99
79) Butylbenzylphthalate	14.26	149	13794	2.19	ng	# 85
80) Benzo(a)anthracene	14.97	228	76699	4.86	ng	99
81) 3,3'-Dichlorobenzidine	14.90	252	7997	1.49	ng	# 95
82) Chrysene	15.02	228	67457	4.63	ng	97
83) Bis(2-ethylhexyl)phthalate	14.93	149	25322	2.54	ng	98
84) Di-n-octyl phthalate	15.70	149	42215	2.41	ng	95
85) Indeno(1,2,3-cd)pyrene	18.89	276	64766	3.84	ng	96
87) Benzo(b)fluoranthene	16.33	252	90867	5.81	ng	98
88) Benzo(k)fluoranthene	16.33	252	90867	6.06	ng	99
89) Benzo(a)pyrene	16.82	252	64681	4.48	ng	98
90) Dibenzo(a,h)anthracene	18.91	278	42174	3.03	ng	99
91) Benzo(g,h,i)perylene	19.49	276	57972	4.02	ng	98

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

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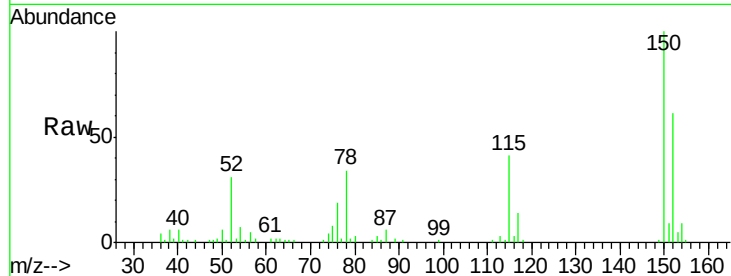


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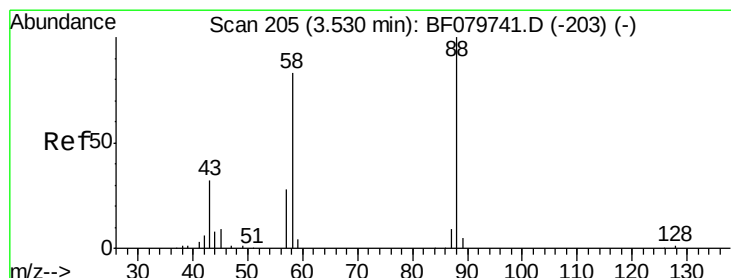
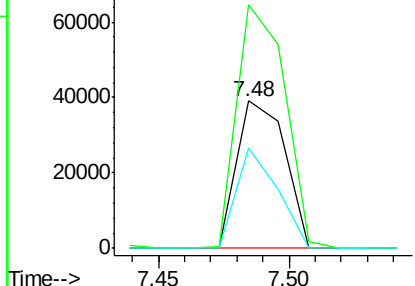
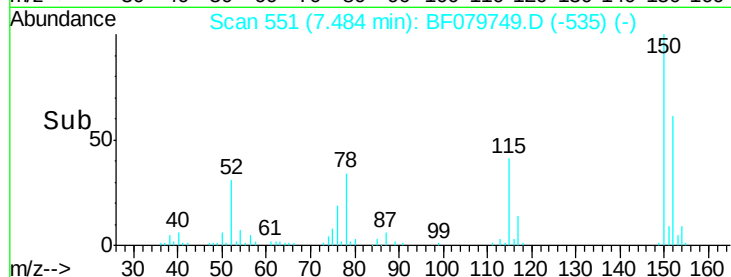
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:152 Resp: 49840
Ion Ratio Lower Upper
152 100
150 165.2 128.1 192.1
115 68.4 49.7 74.5



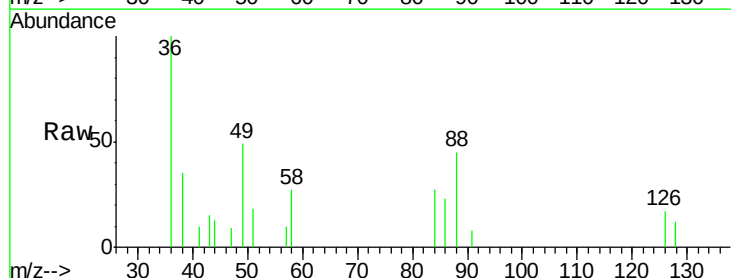
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



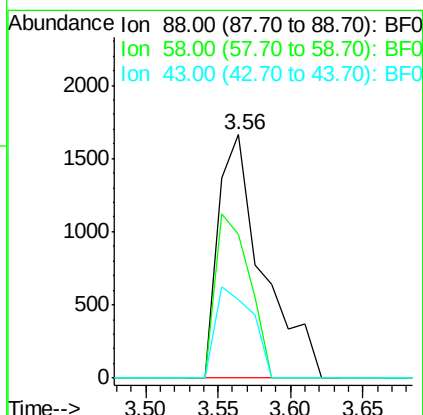
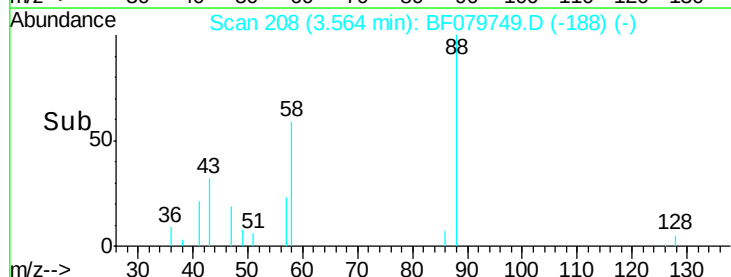
#2

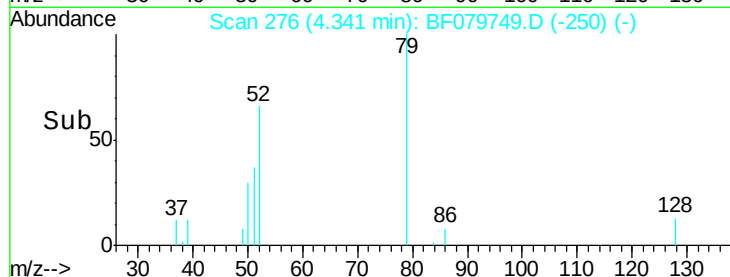
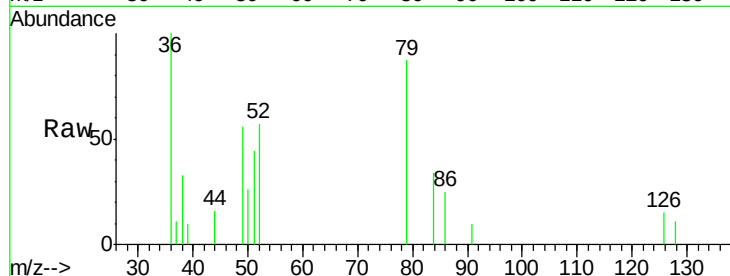
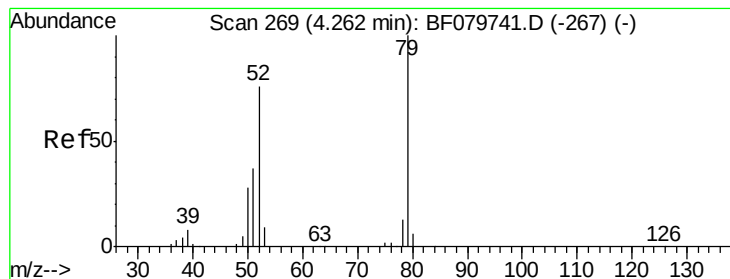
1,4-Dioxane
Concen: 2.69 ng
RT: 3.56 min Scan# 208
Delta R.T. 0.03 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion: 88 Resp: 3536
Ion Ratio Lower Upper
88 100
58 51.6 64.2 96.4#
43 30.9 25.1 37.7



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





#3

Pvridine

Concen: 1.76 ng

RT: 4.34 min Scan# 276

Delta R.T. 0.09 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

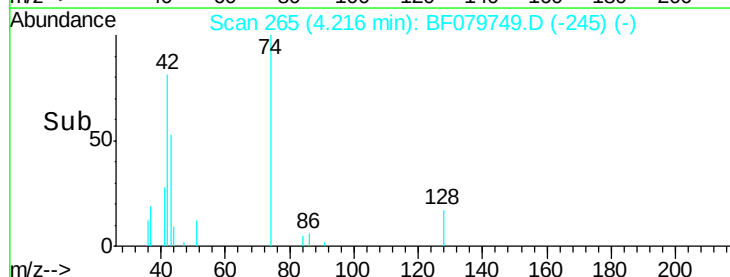
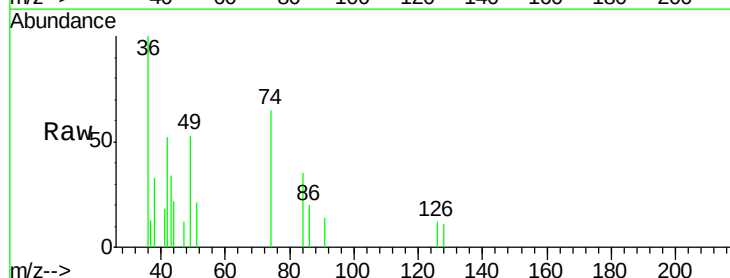
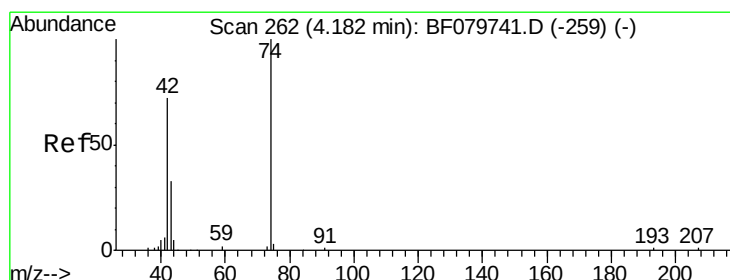
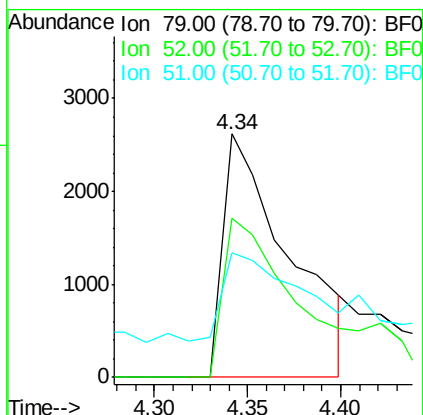
Tot Ion: 79 Resp: 6487

Ion Ratio Lower Upper

79 100

52 65.6 63.1 94.7

51 51.0 29.3 43.9#



#4

n-Nitrosodimethylamine

Concen: 2.65 ng

RT: 4.22 min Scan# 265

Delta R.T. 0.03 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

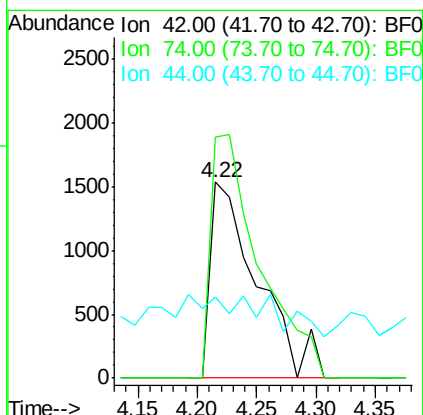
Tgt Ion: 42 Resp: 4234

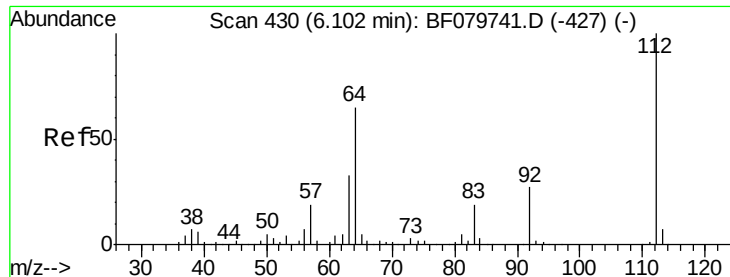
Ion Ratio Lower Upper

42 100

74 123.2 110.6 165.8

44 41.4 6.2 9.2#





#5

2-Fluorophenol

Concen: 4.40 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

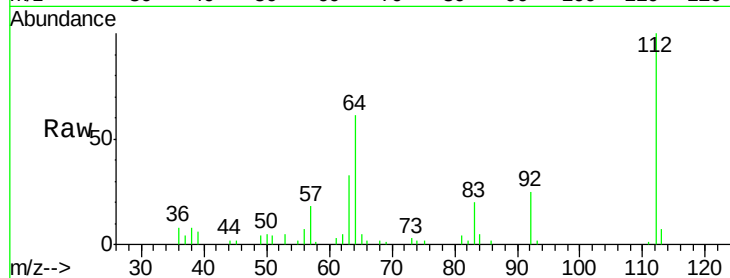
Tot Ion:112 Resp: 26193

Ion Ratio Lower Upper

112 100

64 61.3 49.6 74.4

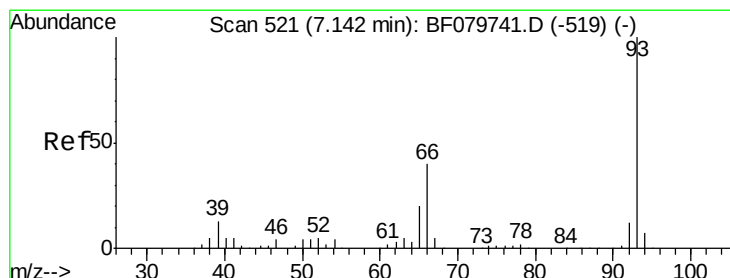
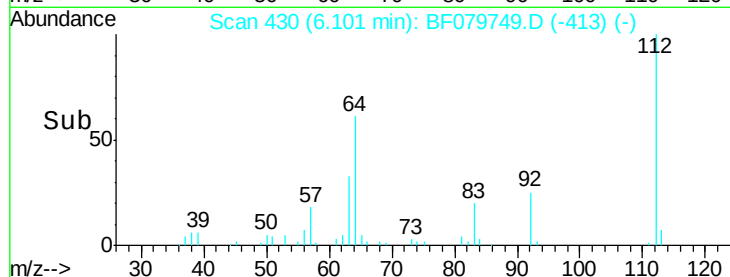
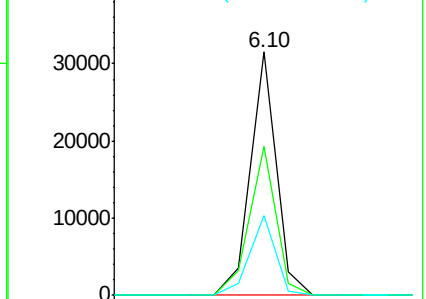
63 33.0 24.9 37.3



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: 1.29 ng

RT: 7.14 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

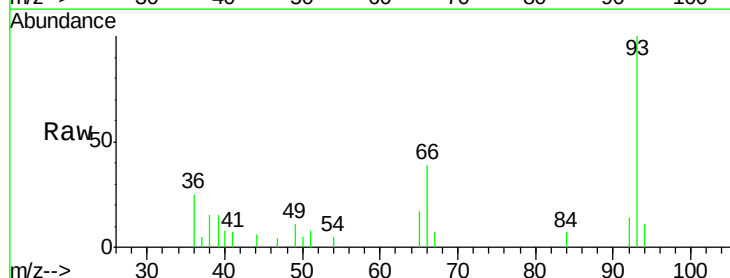
Tgt Ion: 93 Resp: 7182

Ion Ratio Lower Upper

93 100

66 39.3 30.3 45.5

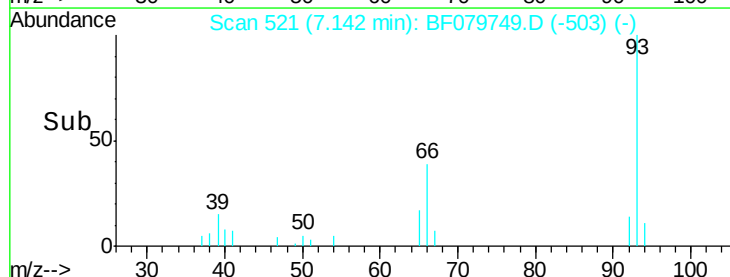
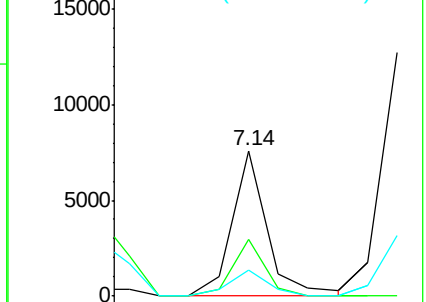
65 17.5 15.8 23.6

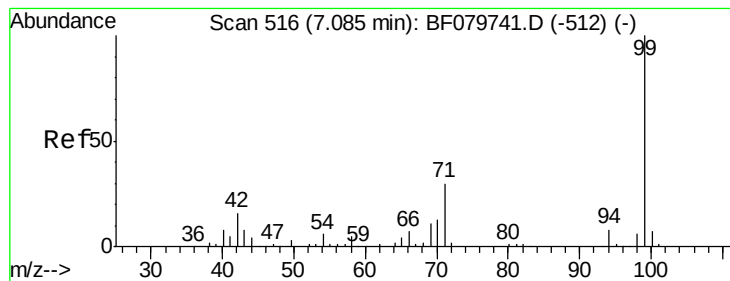


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.43 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

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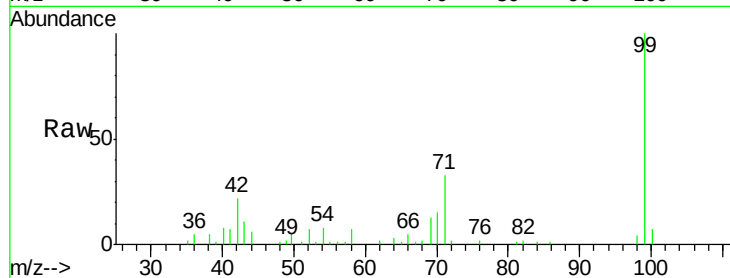
Tot Ion: 99 Resp: 34006

Ion Ratio Lower Upper

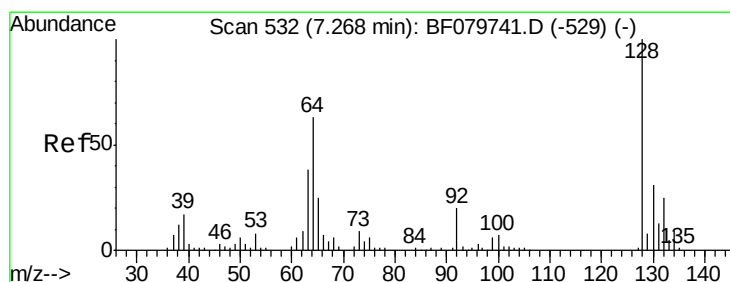
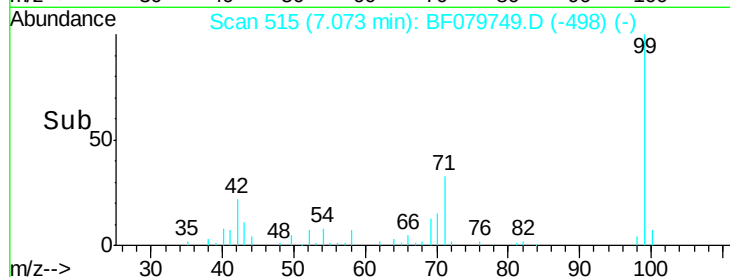
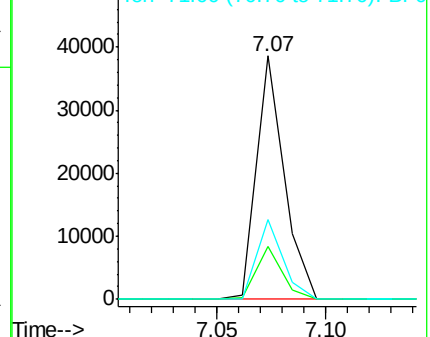
99 100

42 21.5 18.0 27.0

71 33.0 28.4 42.6



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



#8

2-Chlorophenol

Concen: 3.15 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

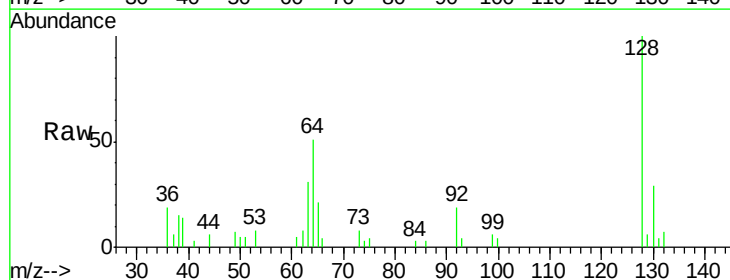
Tgt Ion: 128 Resp: 10140

Ion Ratio Lower Upper

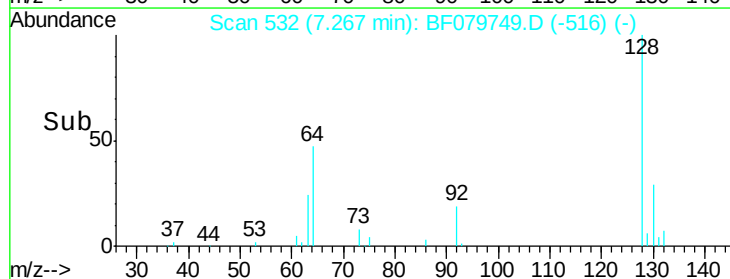
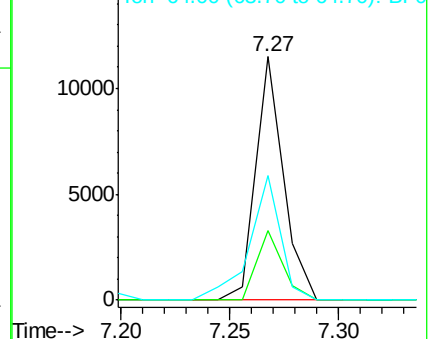
128 100

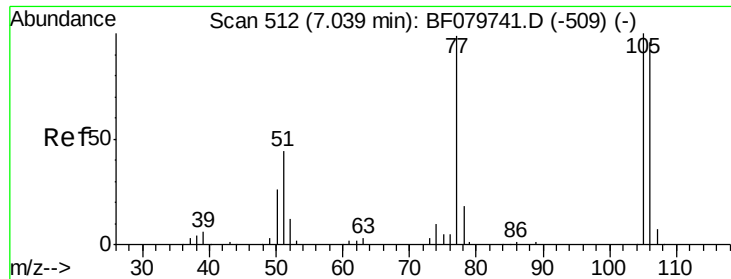
130 28.7 12.3 52.3

64 51.3 33.3 73.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 0.31 ng

RT: 7.04 min Scan# 512

Delta R.T. 0.00 min

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Acq: 6 Jun 2015 2:06

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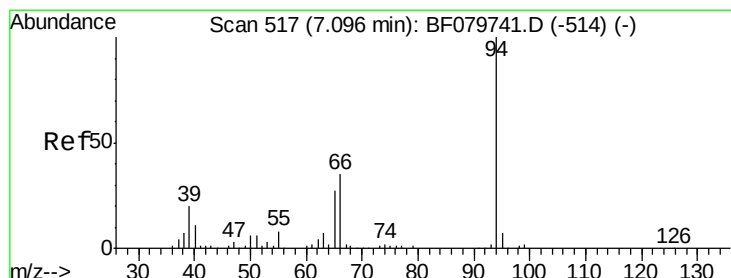
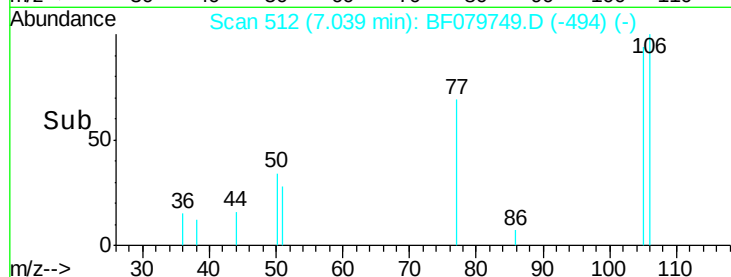
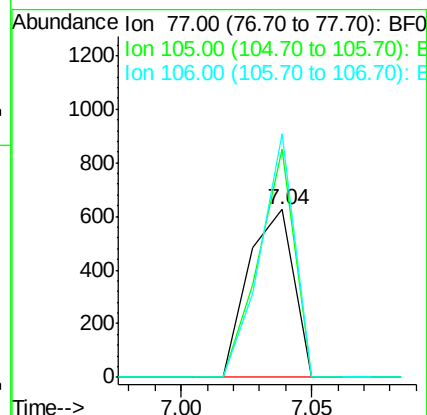
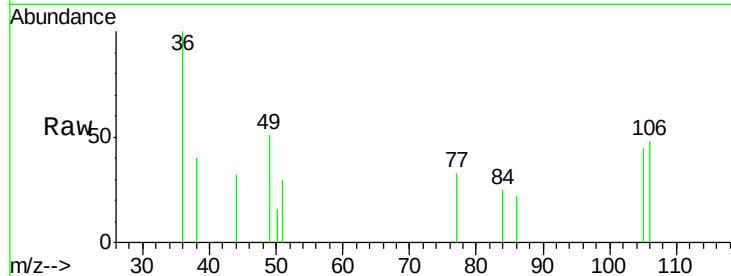
Tot Ion: 77 Resp: 760

Ion Ratio Lower Upper

77 100

105 136.0 66.1 106.1#

106 145.3 61.9 101.9#



#10

Phenol

Concen: 2.66 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

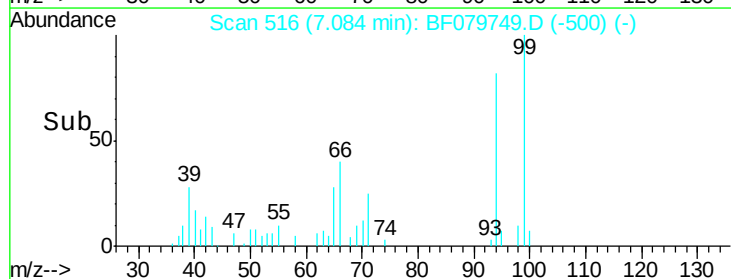
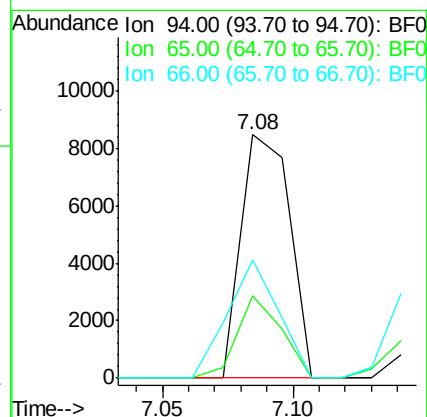
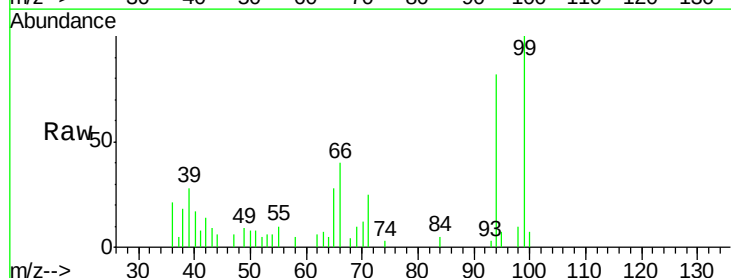
Tgt Ion: 94 Resp: 11102

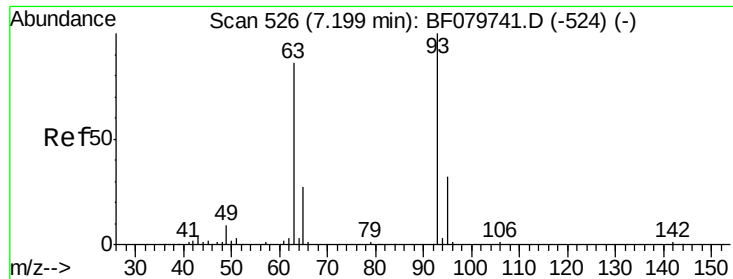
Ion Ratio Lower Upper

94 100

65 33.7 5.3 45.3

66 48.7 11.3 51.3





#11

bis(2-Chloroethyl)ether

Concen: 3.21 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

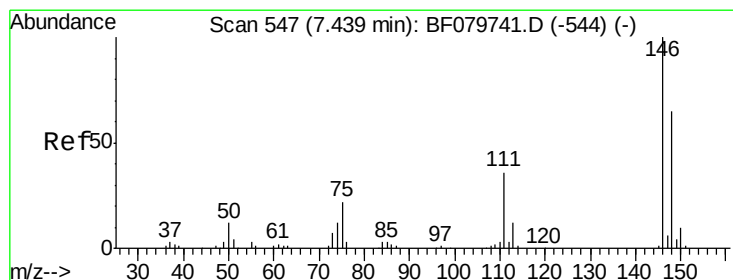
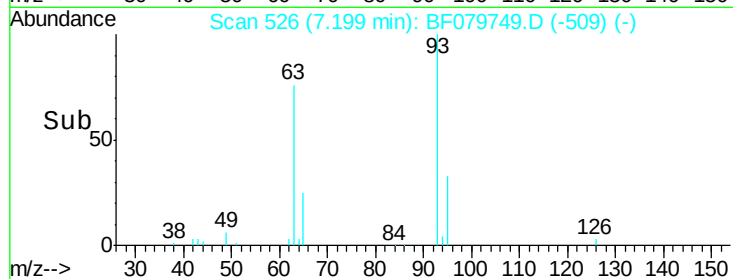
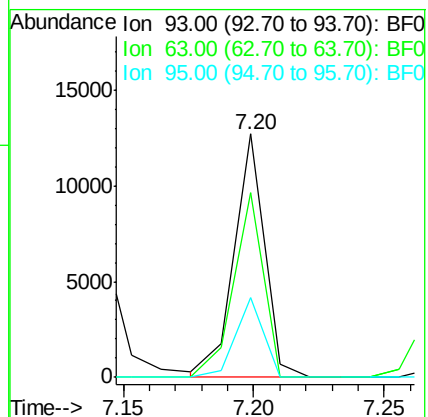
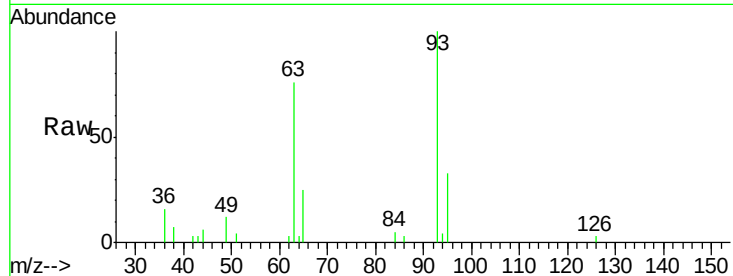
Tot Ion: 93 Resp: 10401

Ion Ratio Lower Upper

93 100

63 75.9 58.7 98.7

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 2.58 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

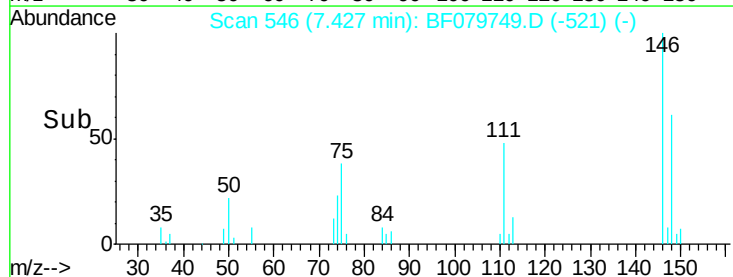
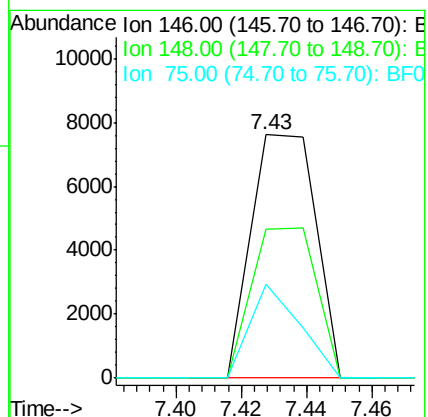
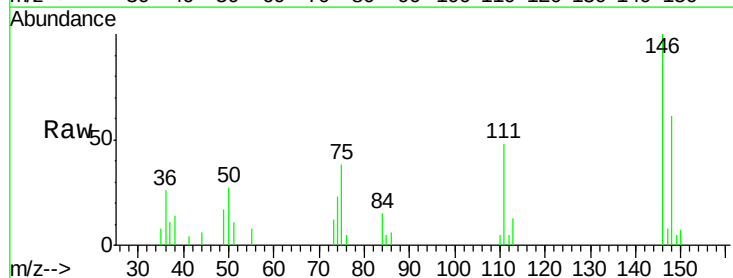
Tgt Ion: 146 Resp: 10410

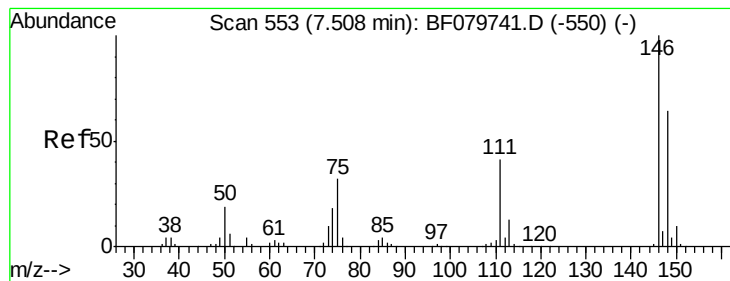
Ion Ratio Lower Upper

146 100

148 61.1 51.6 77.4

75 38.5 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 2.77 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

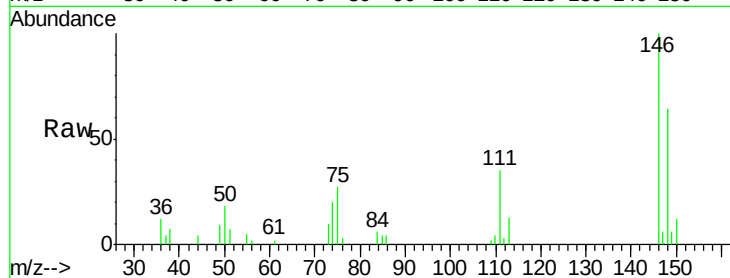
Tot Ion:146 Resp: 11827

Ion Ratio Lower Upper

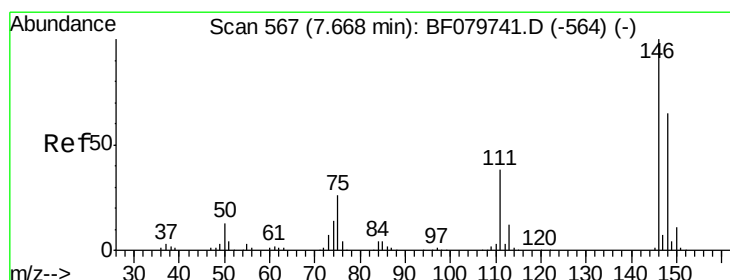
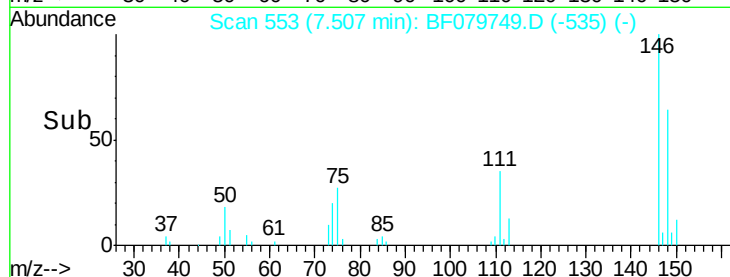
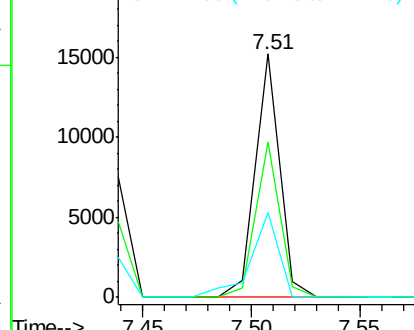
146 100

148 63.7 51.4 77.0

111 35.0 30.1 45.1



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



#14

1,2-Dichlorobenzene

Concen: 2.60 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

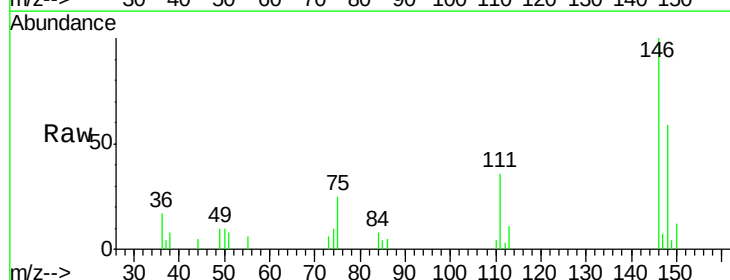
Tgt Ion:146 Resp: 10399

Ion Ratio Lower Upper

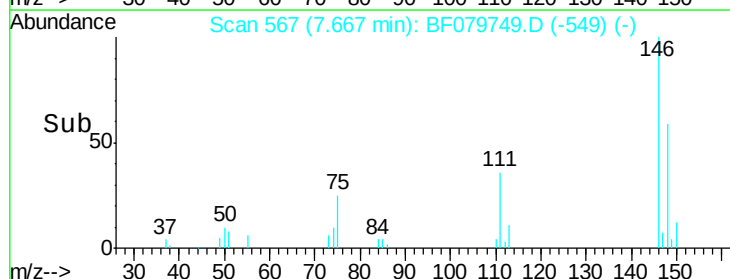
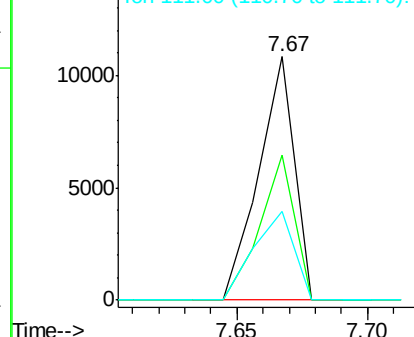
146 100

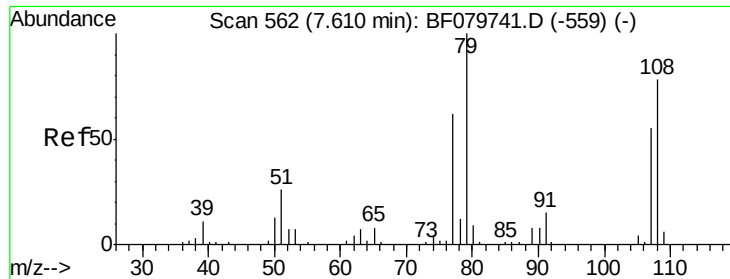
148 59.3 52.2 78.4

111 36.4 27.9 41.9



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: 2.46 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

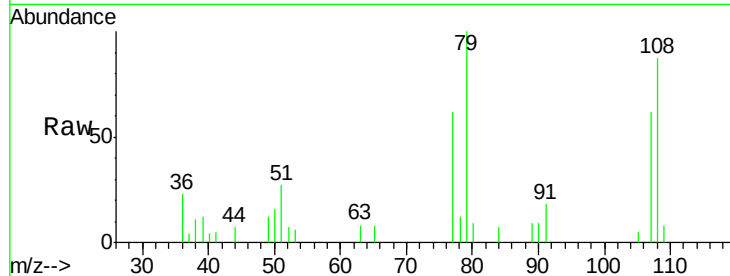
Tot Ion: 79 Resp: 7802

Ion Ratio Lower Upper

79 100

108 86.8 68.4 102.6

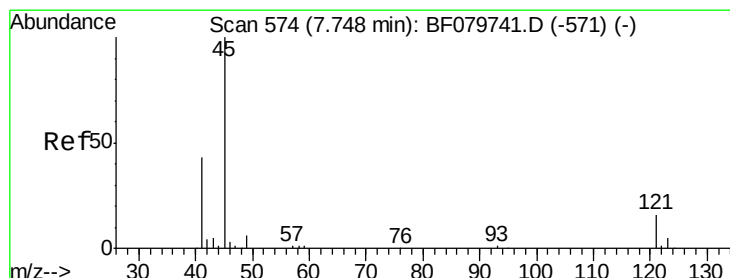
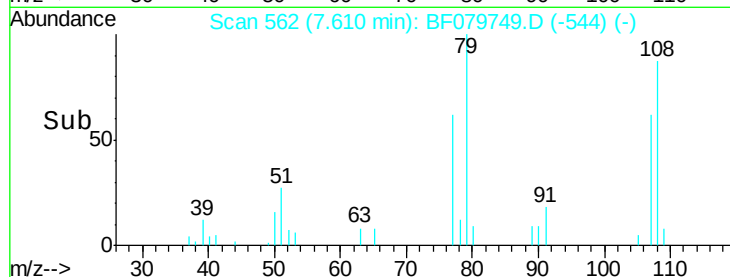
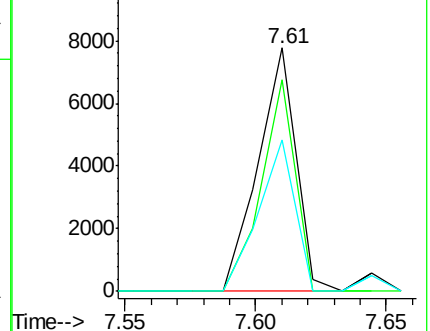
77 62.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.04 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

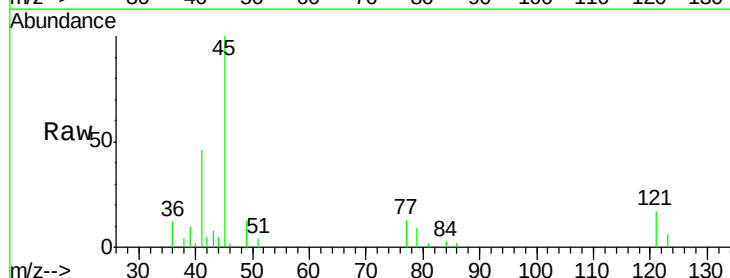
Tgt Ion: 45 Resp: 14904

Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.7

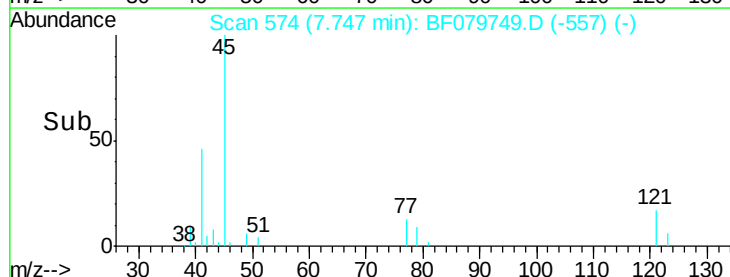
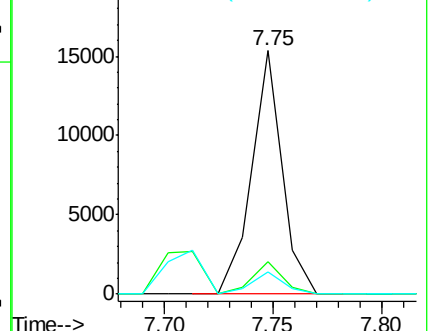
79 9.0 0.0 29.9

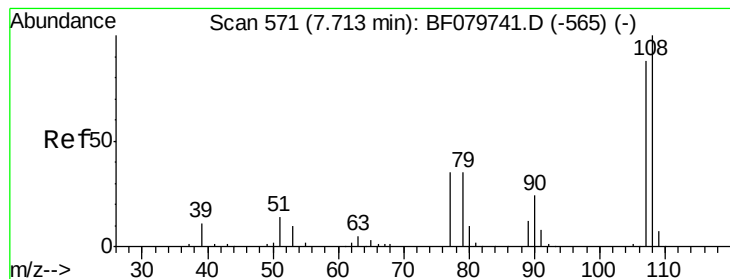


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

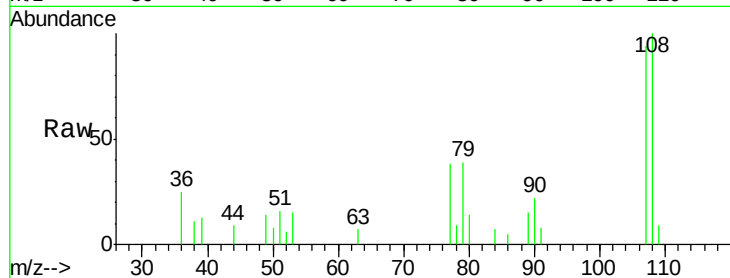




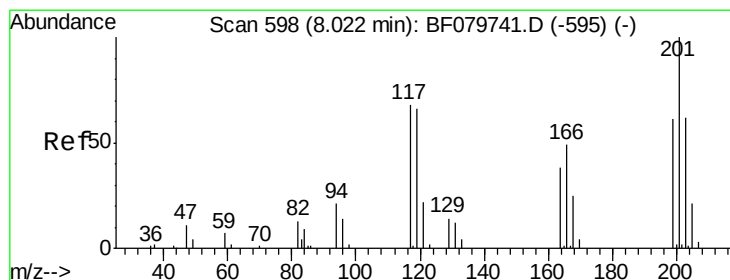
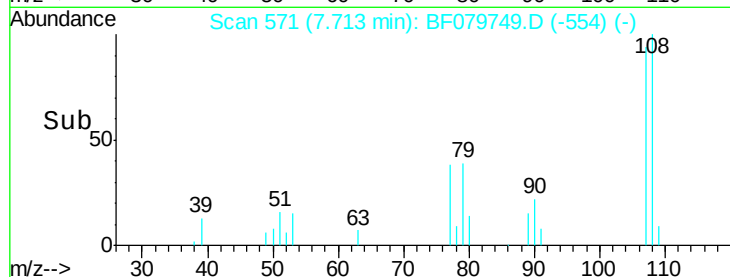
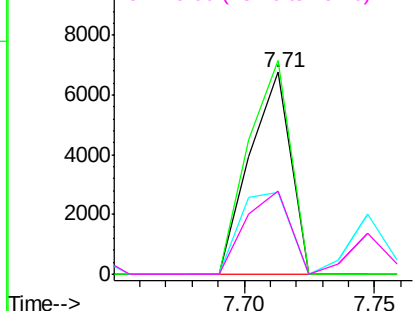
#17
2-Methylphenol
Concen: 2.44 ng
RT: 7.71 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:107 Resp: 7339
Ion Ratio Lower Upper
107 100
108 105.9 91.8 137.8
77 40.4 31.4 47.2
79 41.5 31.3 46.9

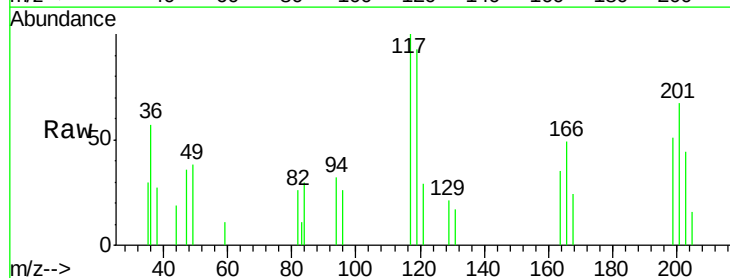


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

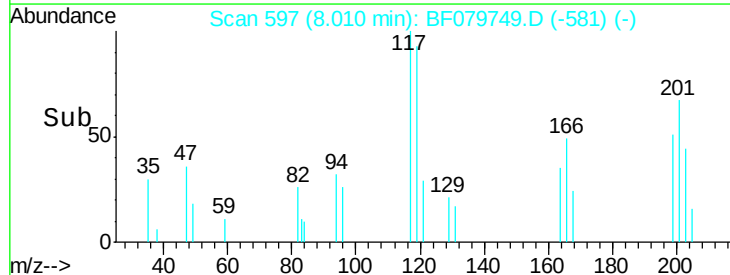
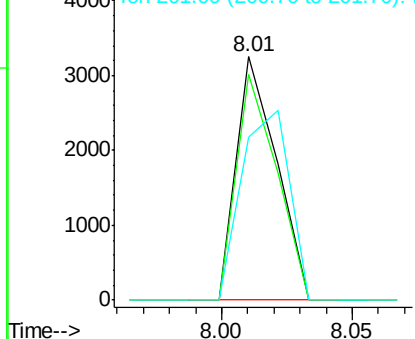


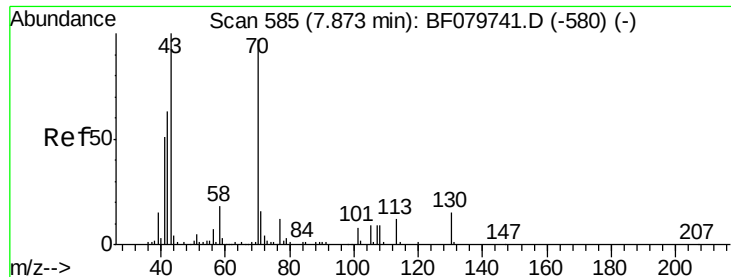
#18
Hexachloroethane
Concen: 2.80 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:117 Resp: 3475
Ion Ratio Lower Upper
117 100
119 92.8 75.5 113.3
201 66.7 66.4 99.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

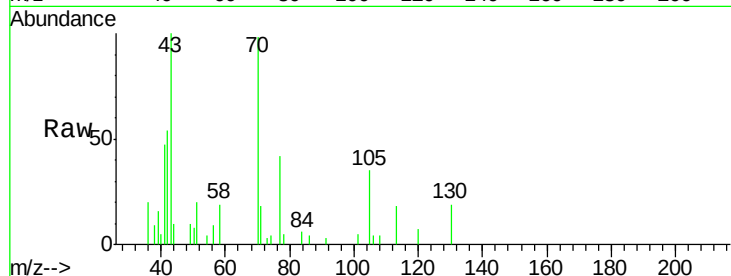




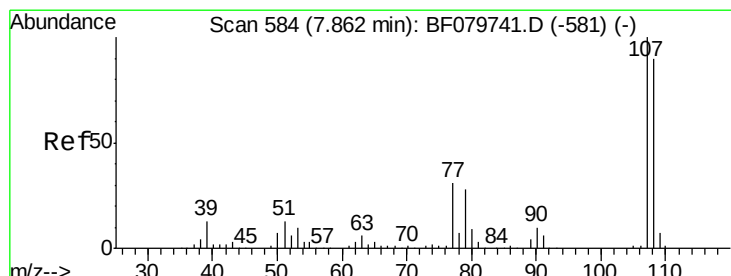
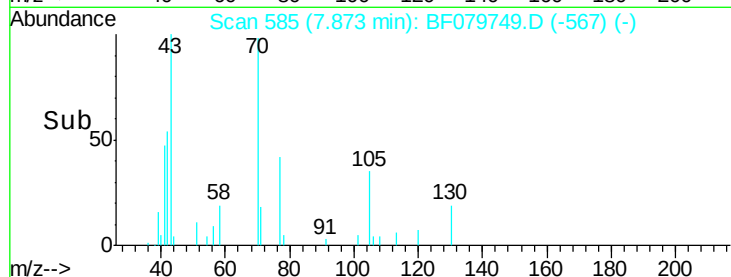
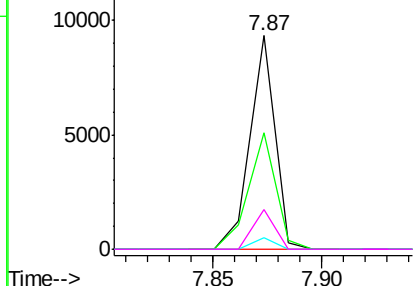
#19
n-Nitroso-di-n-propylamine
Concen: 2.80 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion: 70 Resp: 7467
Ion Ratio Lower Upper
70 100
42 54.7 51.1 76.7
101 5.3 7.0 10.6#
130 18.9 13.3 19.9

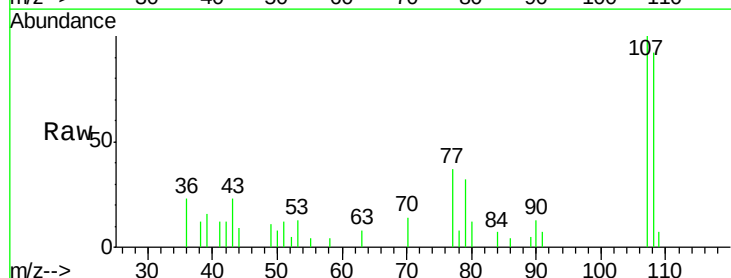


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

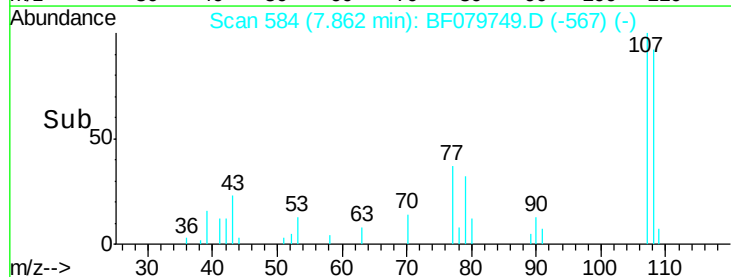
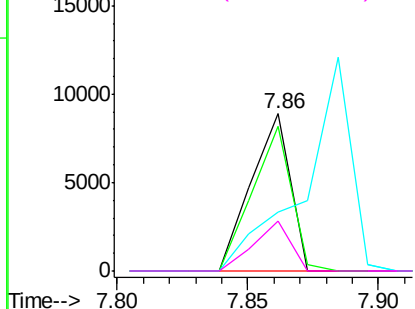


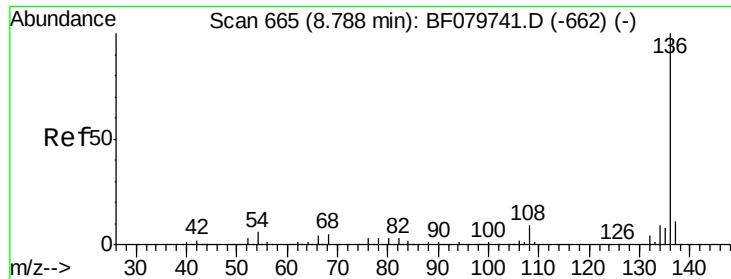
#20
3+4-Methylphenols
Concen: 2.44 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion: 107 Resp: 9328
Ion Ratio Lower Upper
107 100
108 91.8 75.2 115.2
77 37.2 10.3 50.3
79 31.8 9.3 49.3



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

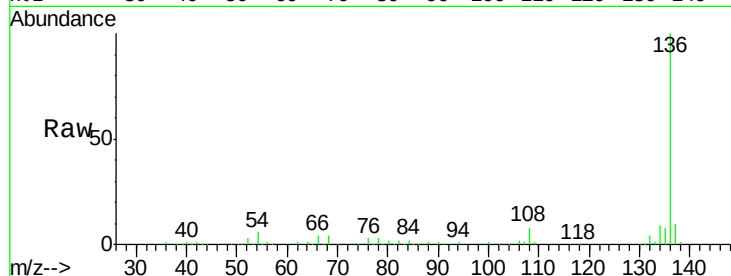




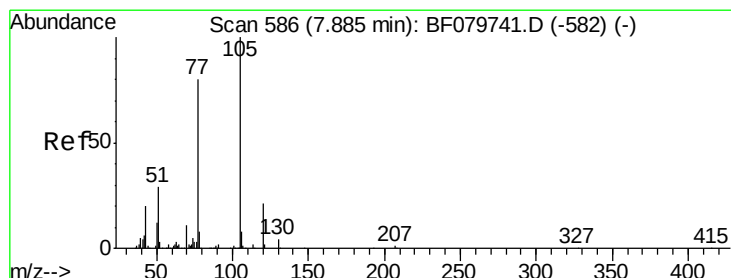
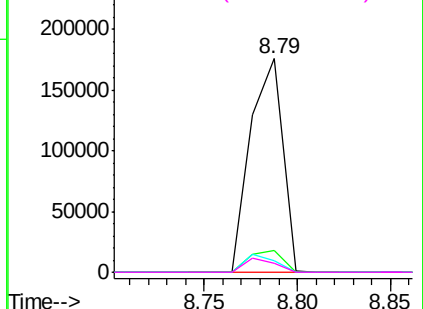
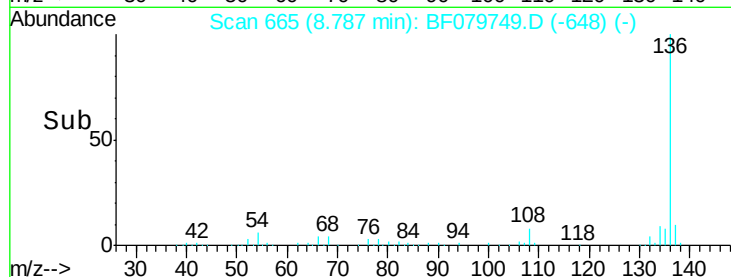
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:136	Resp:	211166
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	5.7	8.7 13.1#
68	4.0	5.8 8.8#

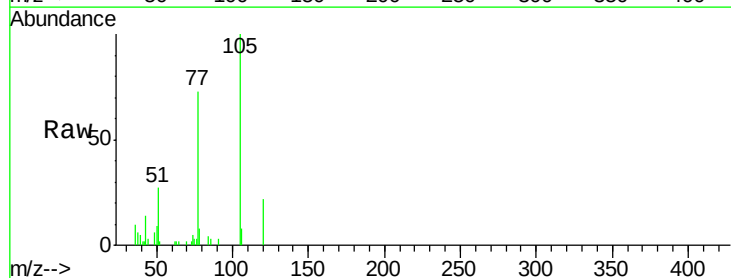


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

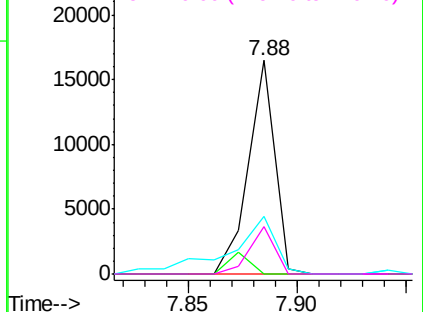
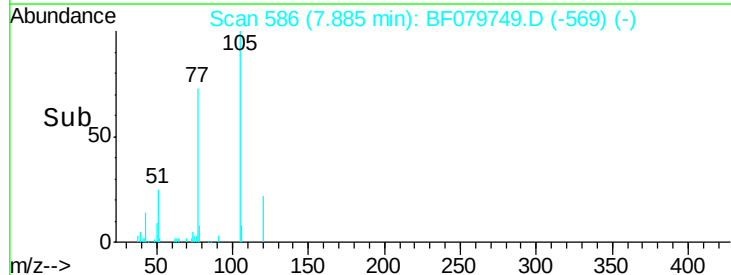


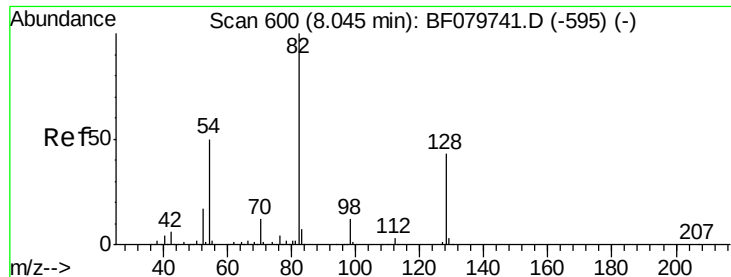
#22
Acetophenone
Concen: 2.75 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:105	Resp:	13844
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.9 1.3#
51	27.2	21.3 31.9
120	22.1	17.1 25.7



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

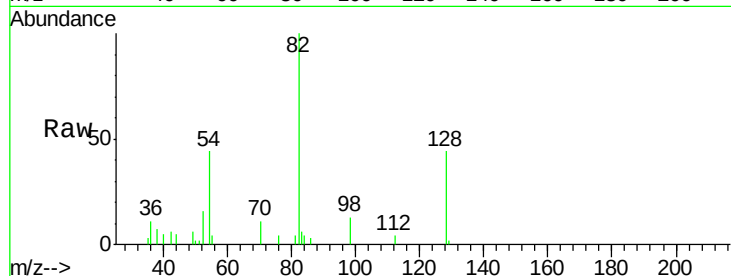




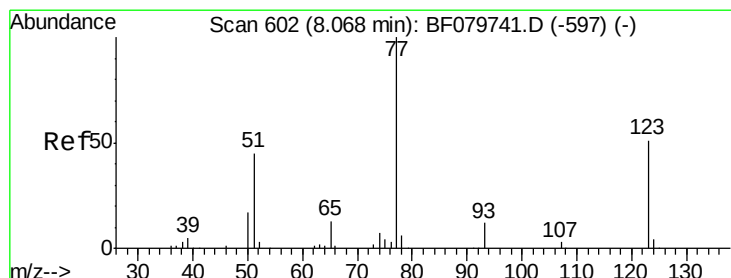
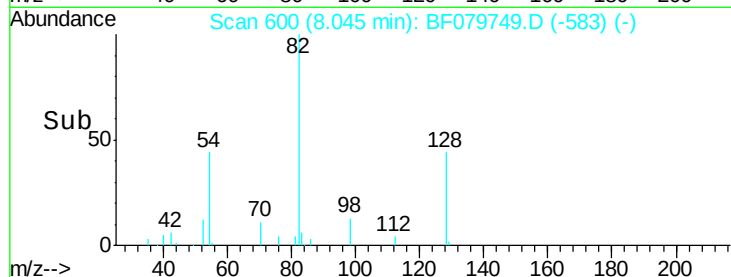
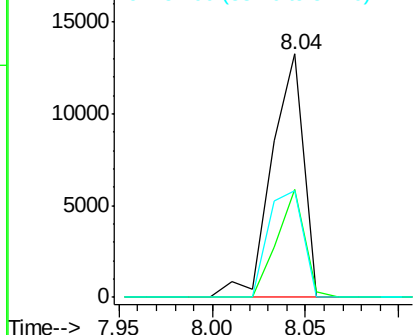
#23
Nitrobenzene-d5
Concen: 2.30 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion	82	Resp	15816
Ion Ratio	Lower	Upper	
82	100		
128	44.3	37.6	56.4
54	43.9	39.4	59.2

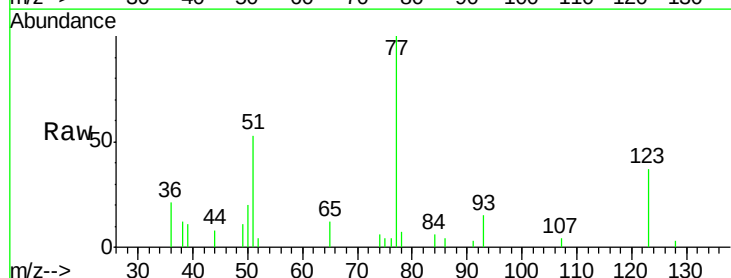


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

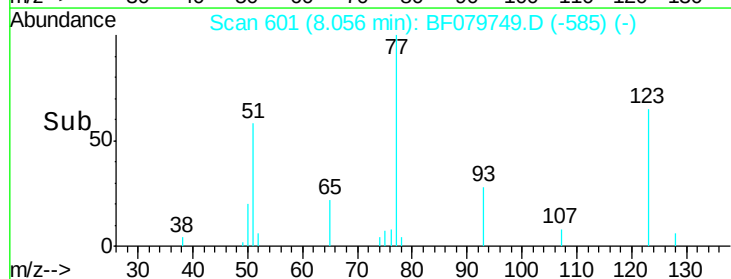
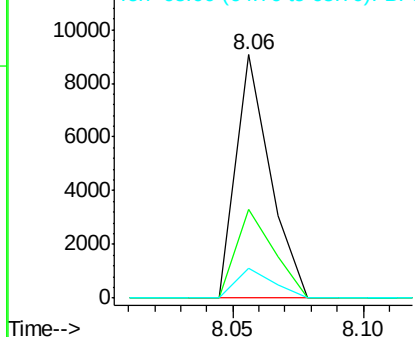


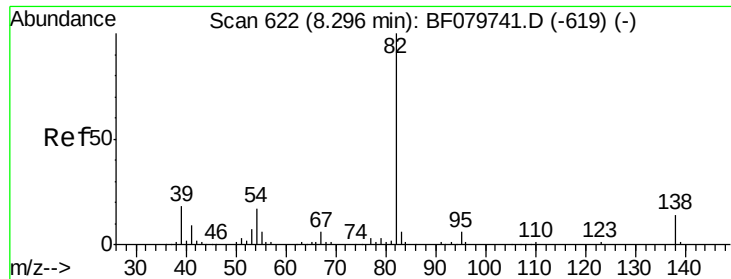
#24
Nitrobenzene
Concen: 2.43 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion	77	Resp	8324
Ion Ratio	Lower	Upper	
77	100		
123	36.6	28.1	42.1
65	12.3	10.9	16.3



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: 2.94 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

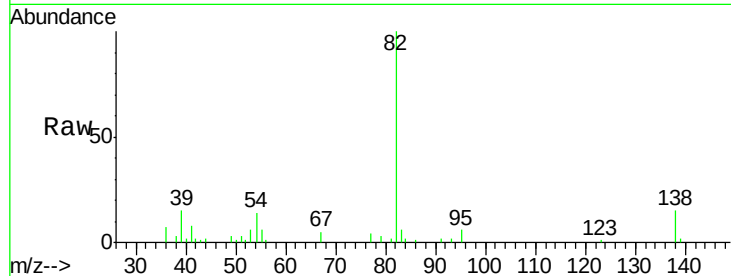
Tot Ion: 82 Resp: 20643

Ion Ratio Lower Upper

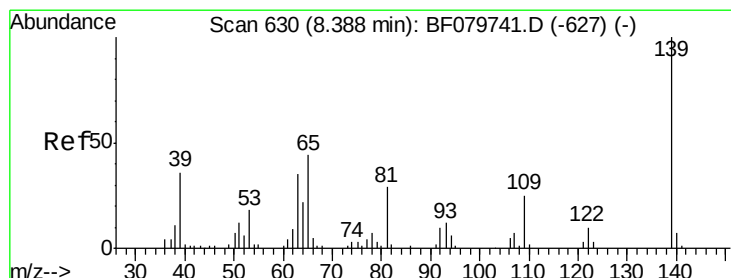
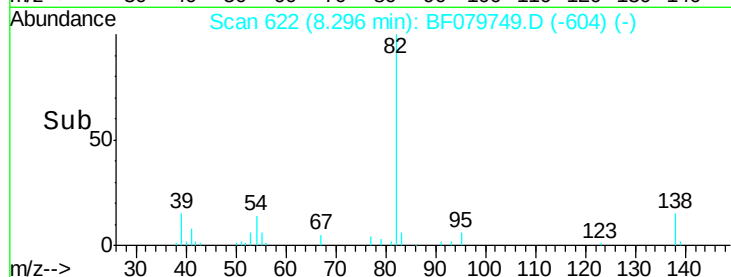
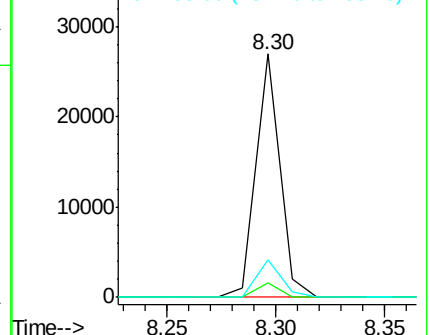
82 100

95 5.8 5.3 7.9

138 15.4 13.0 19.4



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



#26

2-Nitrophenol

Concen: 1.98 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

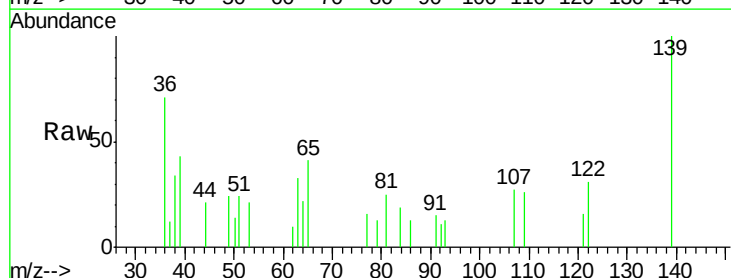
Tgt Ion: 139 Resp: 2866

Ion Ratio Lower Upper

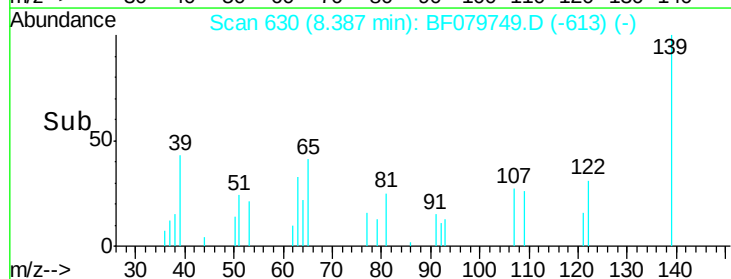
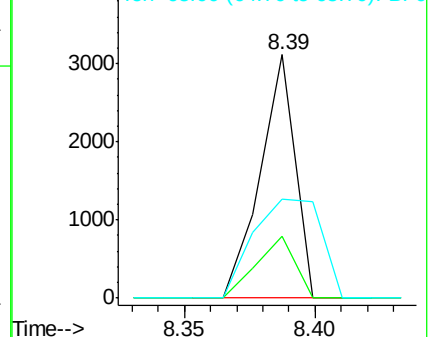
139 100

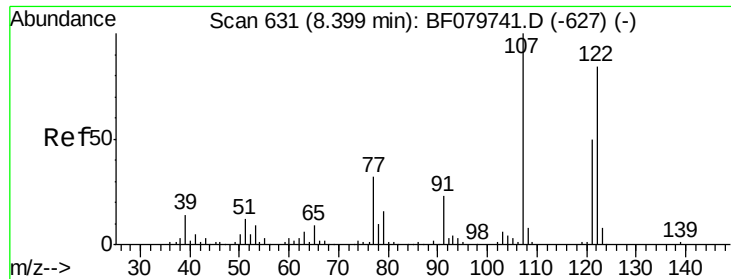
109 25.7 17.5 26.3

65 40.8 34.6 52.0



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

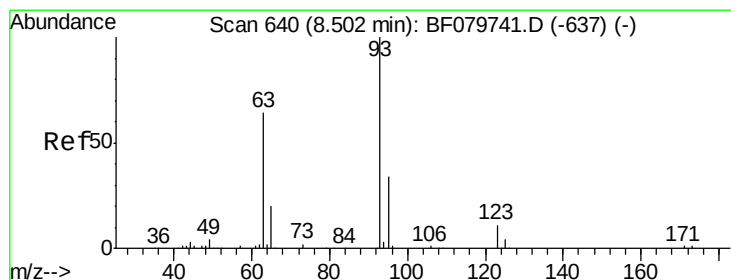
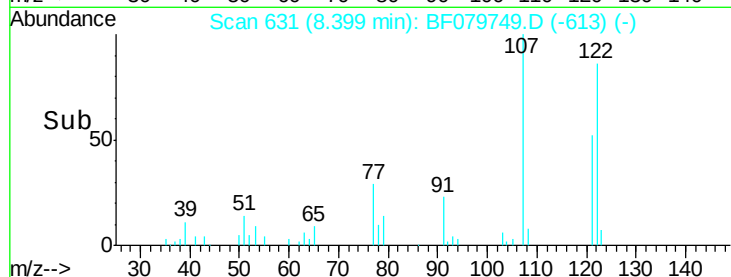
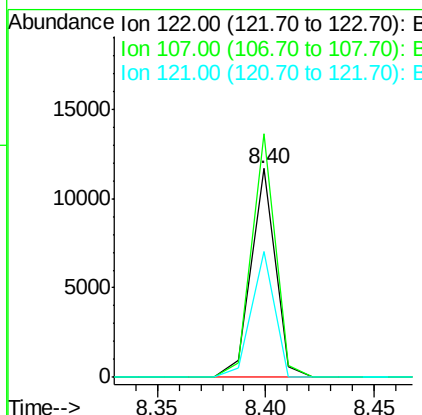
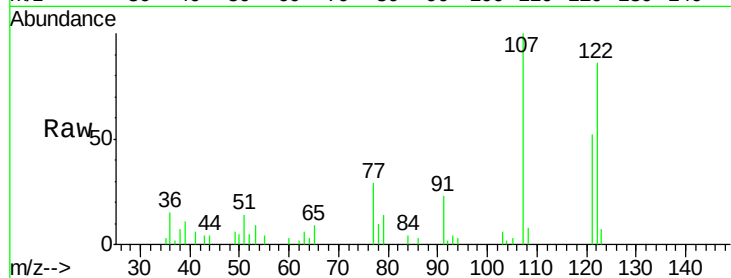




#27
 2,4-Dimethylphenol
 Concen: 2.79 ng
 RT: 8.40 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

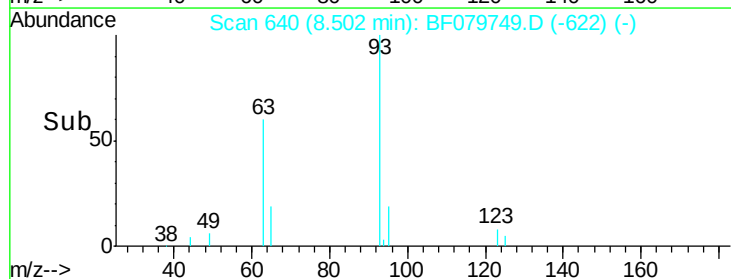
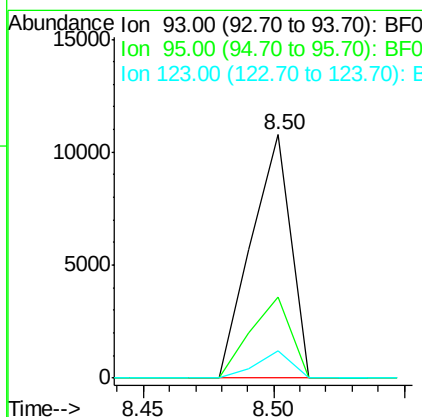
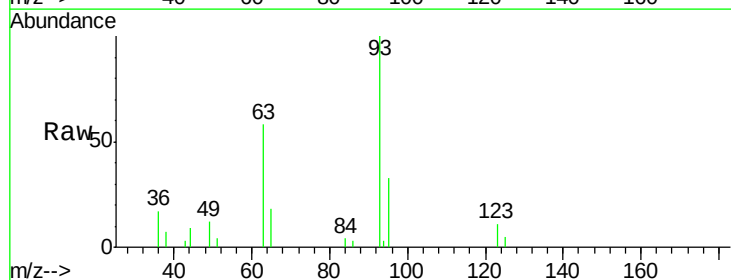
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

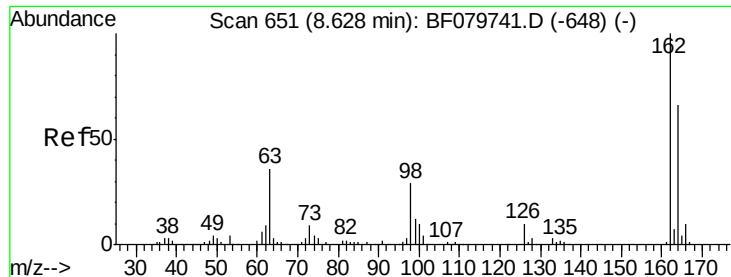
Tot Ion: 122 Resp: 9079
 Ion Ratio Lower Upper
 122 100
 107 116.7 88.5 132.7
 121 60.1 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.60 ng
 RT: 8.50 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion: 93 Resp: 11299
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 11.2 7.3 10.9#

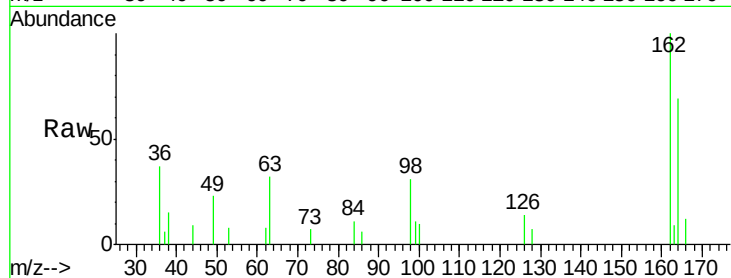




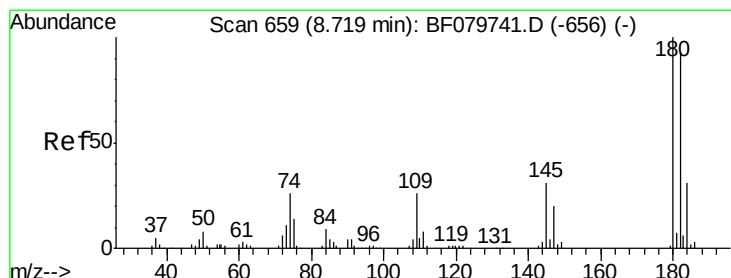
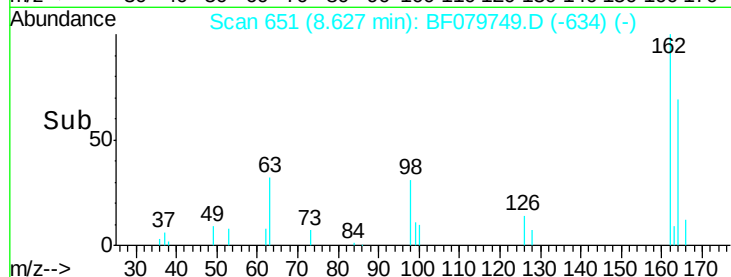
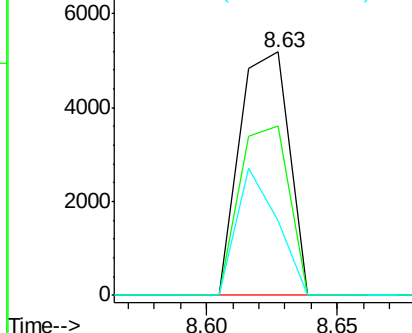
#29
 2,4-Dichlorophenol
 Concen: 2.35 ng
 RT: 8.63 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:162 Resp: 6863
 Ion Ratio Lower Upper
 162 100
 164 69.4 42.8 82.8
 98 30.8 23.2 63.2

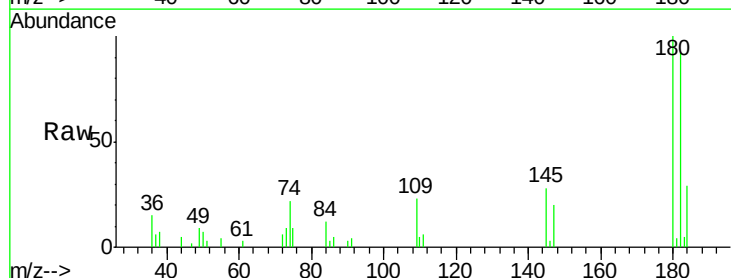


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

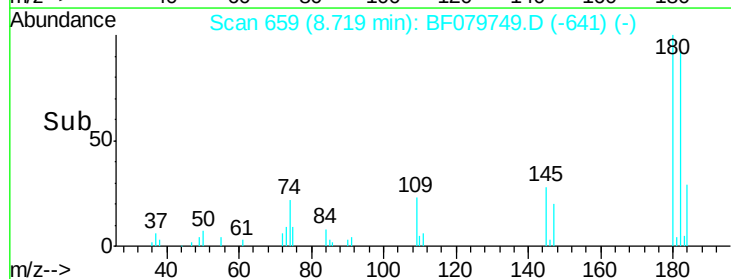
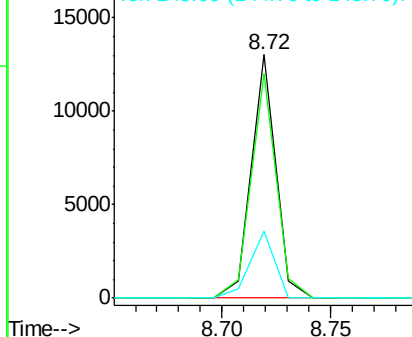


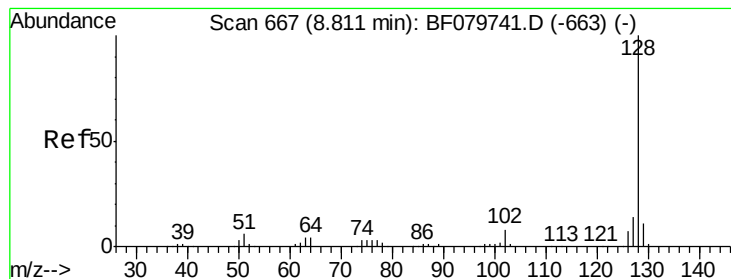
#30
 1,2,4-Trichlorobenzene
 Concen: 2.88 ng
 RT: 8.72 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:180 Resp: 10184
 Ion Ratio Lower Upper
 180 100
 182 92.2 78.4 117.6
 145 27.7 22.3 33.5



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: 2.71 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

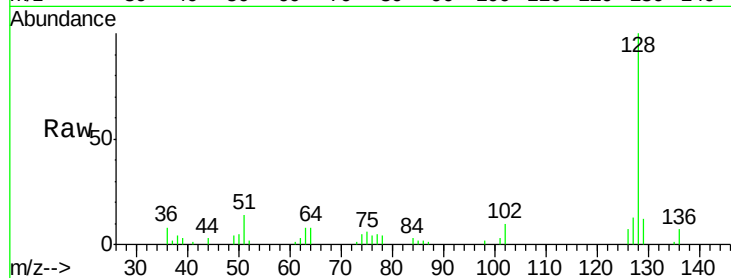
Tot Ion:128 Resp: 30017

Ion Ratio Lower Upper

128 100

129 12.2 9.4 14.2

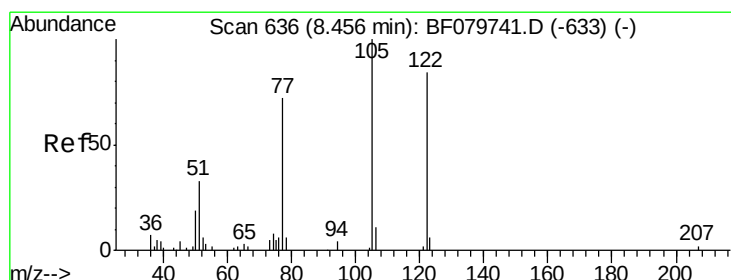
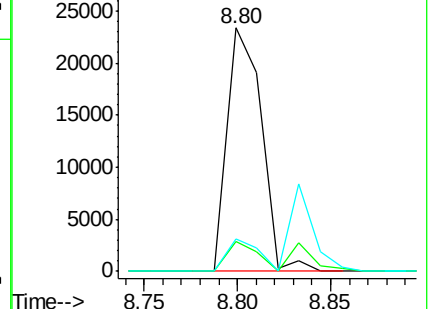
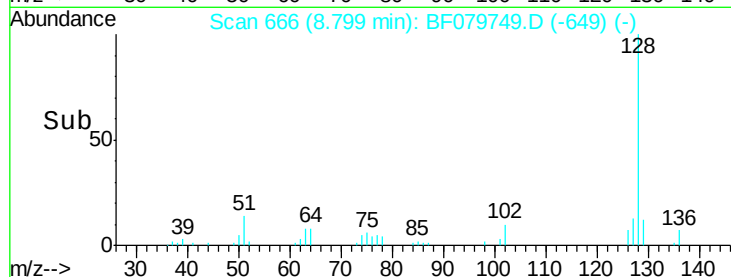
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.63 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

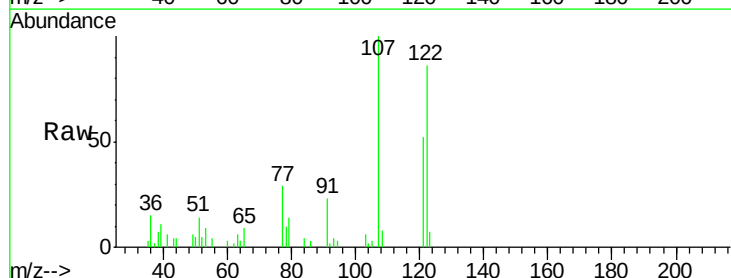
Tgt Ion:122 Resp: 9079

Ion Ratio Lower Upper

122 100

105 3.8 106.7 146.7#

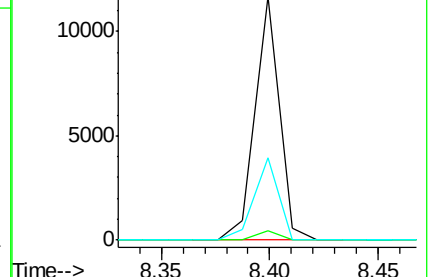
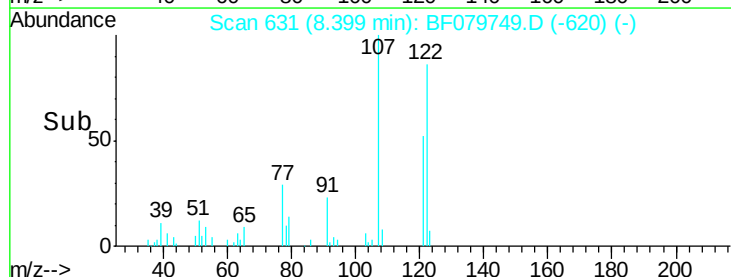
77 33.7 68.9 108.9#

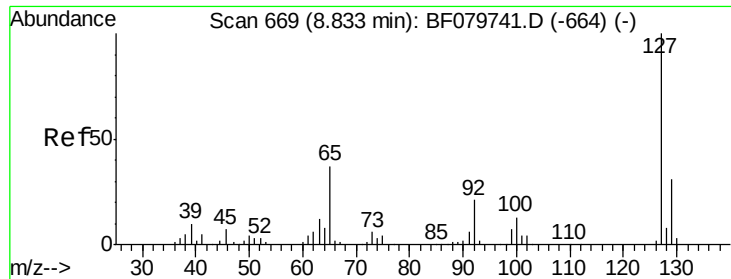


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

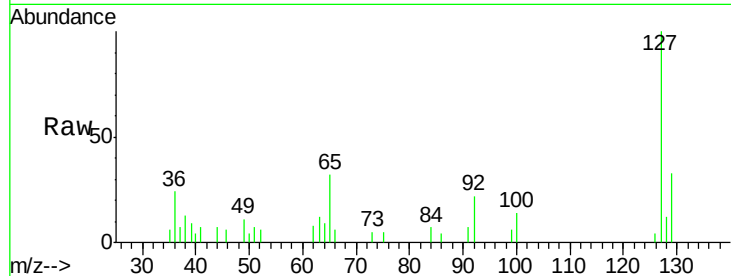




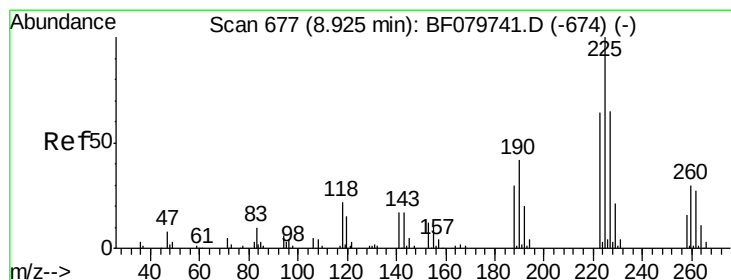
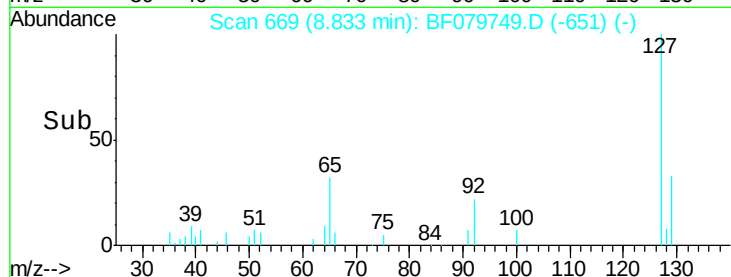
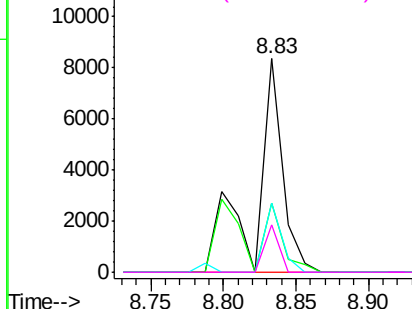
#33
4-Chloroaniline
Concen: 1.94 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:127	Resp:	10936
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.8 40.2
65	32.3	22.9 34.3
92	22.3	15.2 22.8

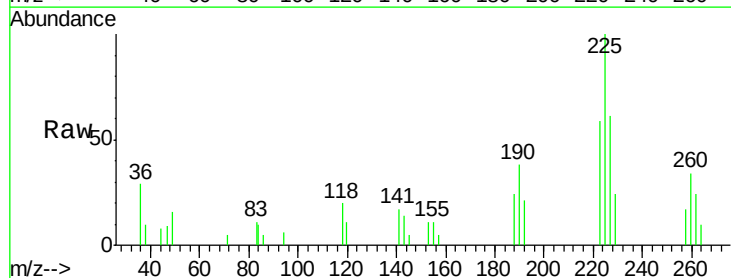


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

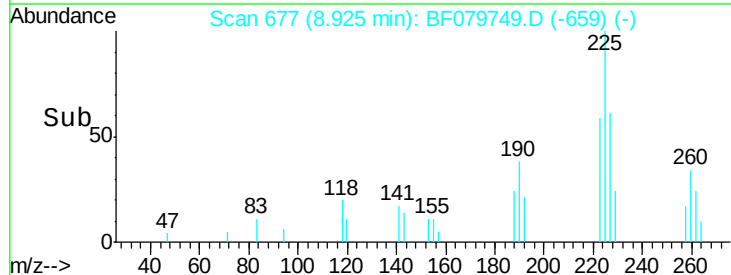
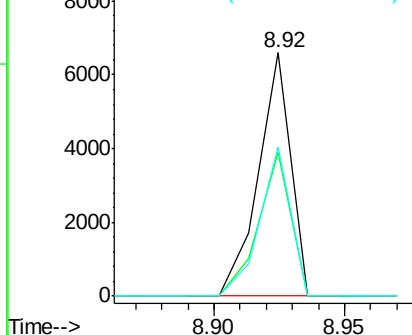


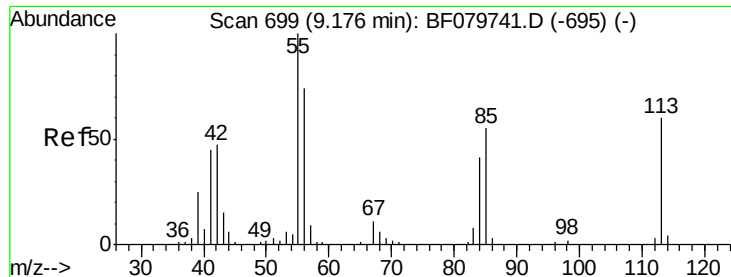
#34
Hexachlorobutadiene
Concen: 2.64 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:225	Resp:	5694
Ion Ratio	Lower	Upper
225	100	
223	59.2	51.9 77.9
227	61.3	52.0 78.0



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: 2.40 ng

RT: 9.15 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

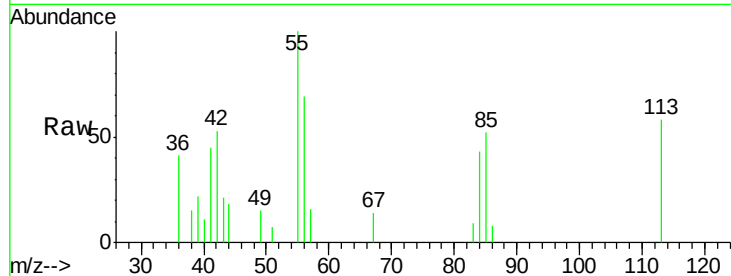
Tot Ion:113 Resp: 2129

Ion Ratio Lower Upper

113 100

55 172.5 186.6 226.6#

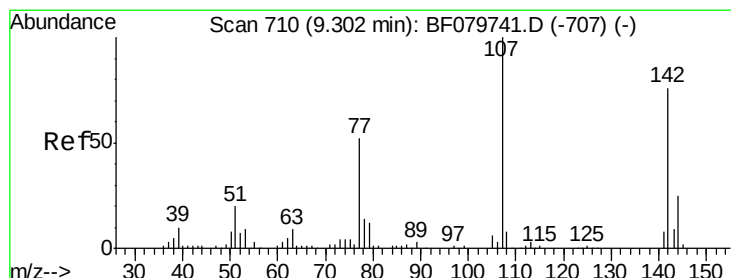
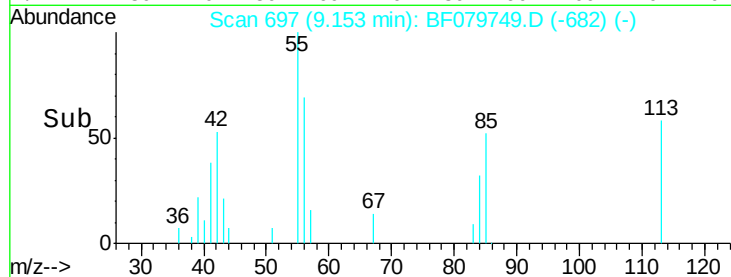
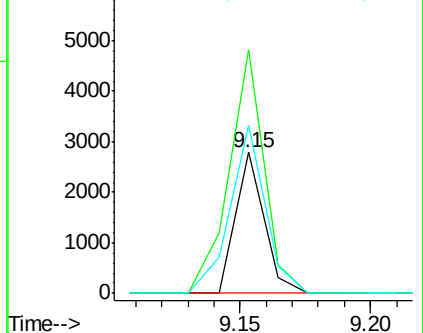
56 118.9 137.8 177.8#



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: 2.35 ng

RT: 9.30 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

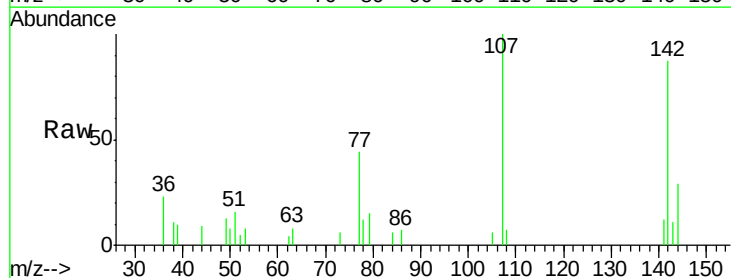
Tgt Ion:107 Resp: 7675

Ion Ratio Lower Upper

107 100

144 29.5 24.5 36.7

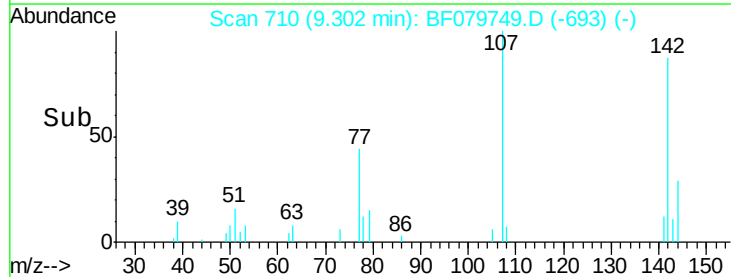
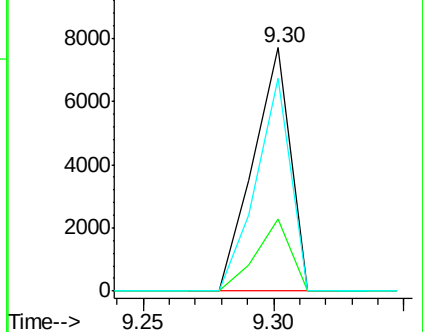
142 87.3 74.6 112.0

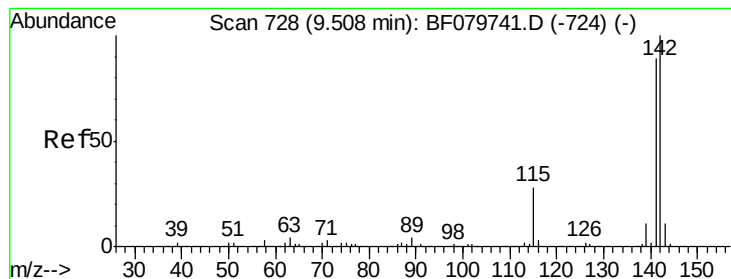


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.92 ng

RT: 9.50 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

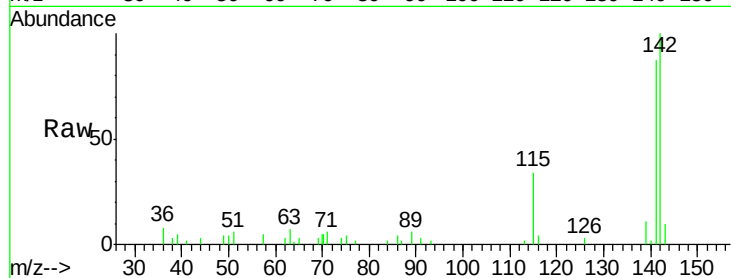
Tot Ion:142 Resp: 20573

Ion Ratio Lower Upper

142 100

141 86.7 72.8 109.2

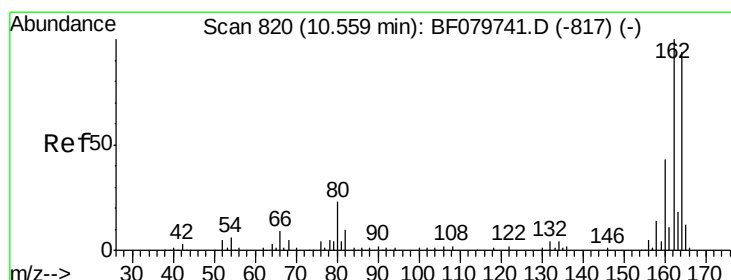
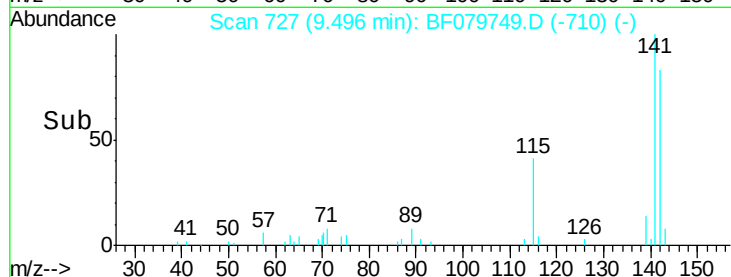
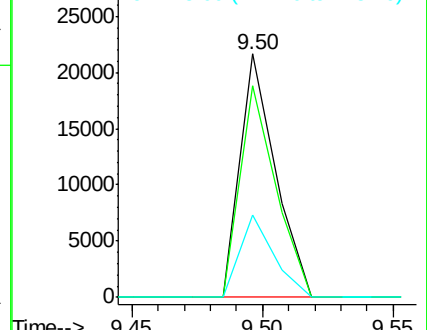
115 33.8 26.9 40.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

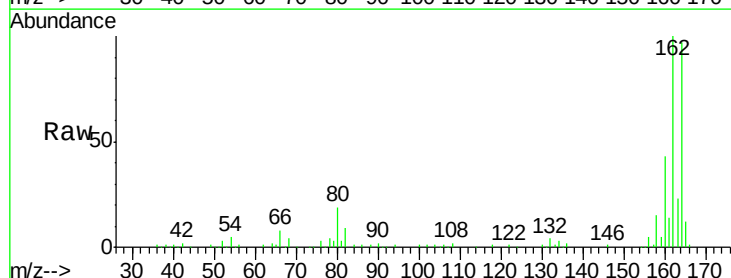
Tgt Ion:164 Resp: 117402

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

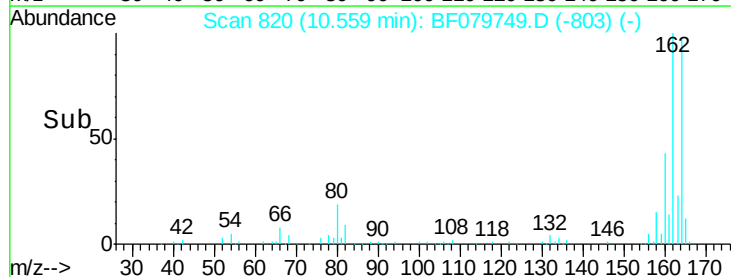
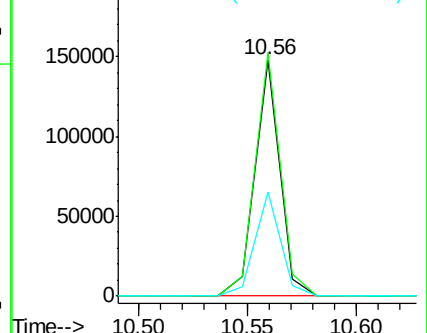
160 44.0 36.8 55.2

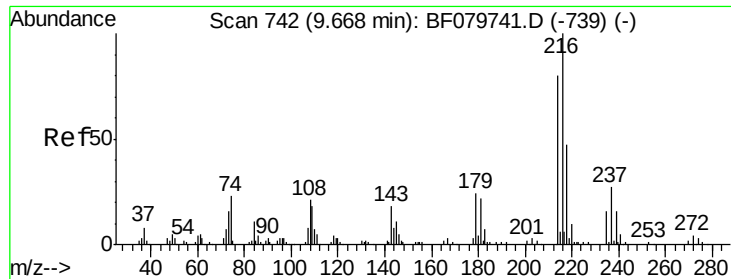


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

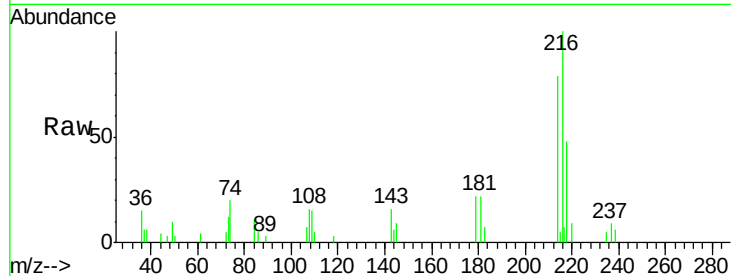




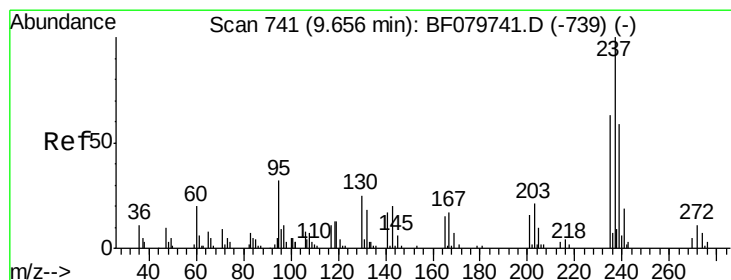
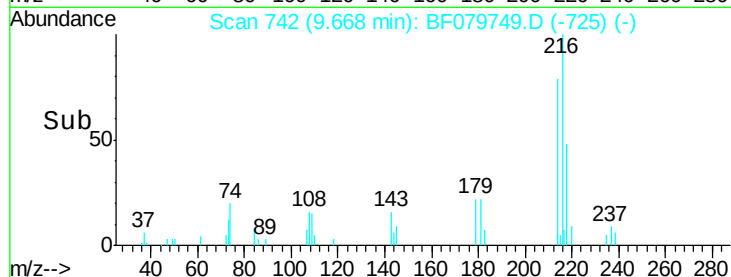
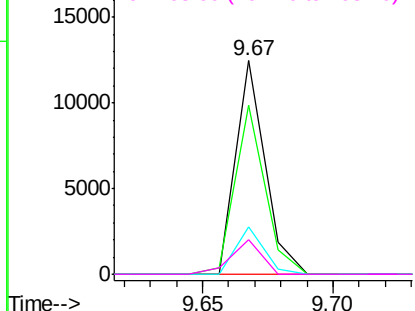
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.69 ng
 RT: 9.67 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:216	Resp:	9838	
Ion Ratio	Lower	Upper	
216	100		
214	81.8	62.2	93.4
179	21.6	16.6	24.8
108	16.8	13.4	20.0

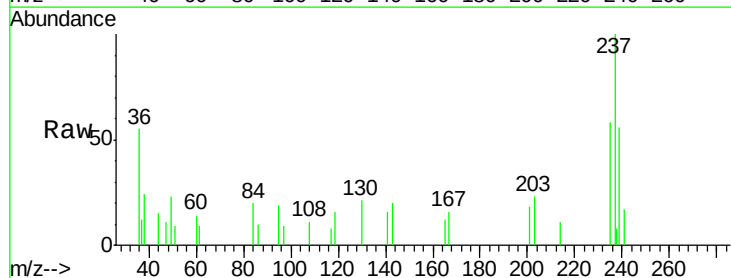


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

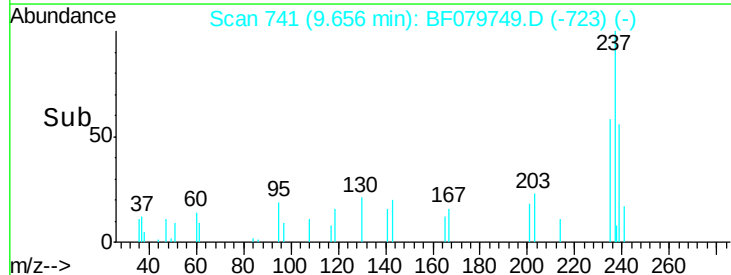
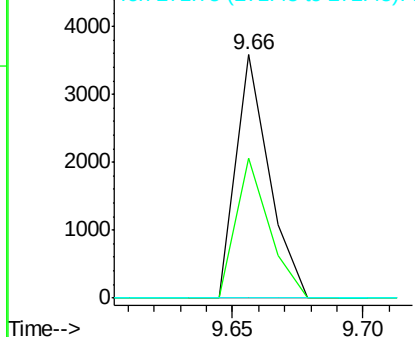


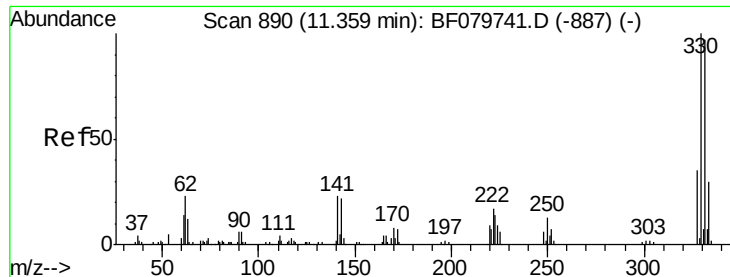
#40
 Hexachlorocyclopentadiene
 Concen: 2.04 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt	Ion:237	Resp:	3203
Ion	Ratio	Lower	Upper
237	100		
235	57.5	41.9	81.9
272	0.0	0.0	32.1



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

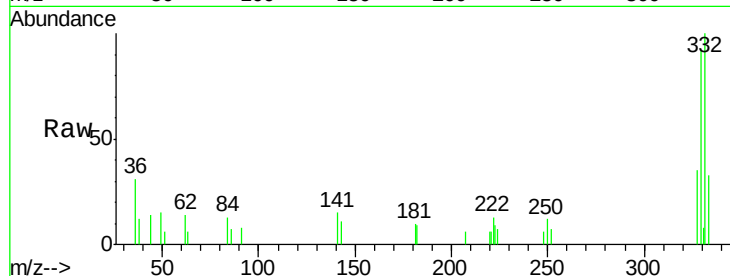




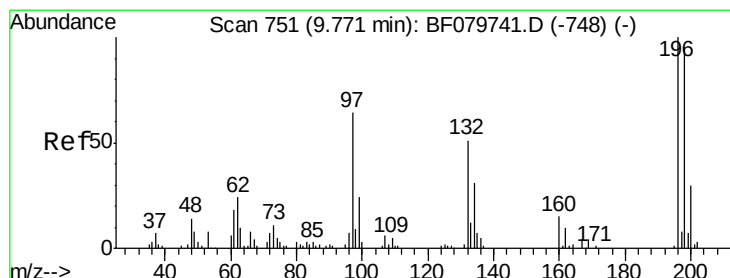
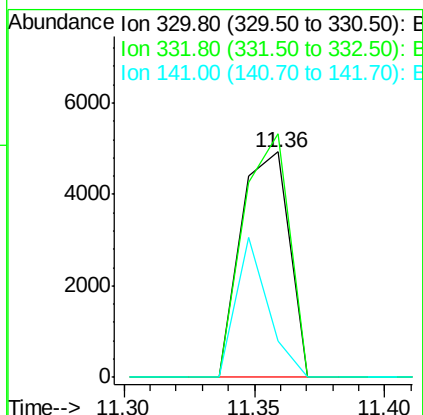
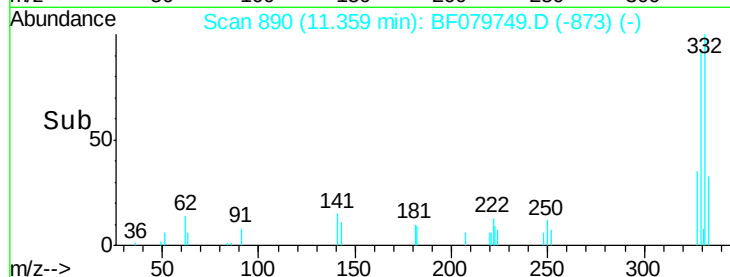
#41
 2,4,6-Tribromophenol
 Concen: 2.85 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:330 Resp: 6400
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.4 116.0
 141 41.2 30.2 45.2

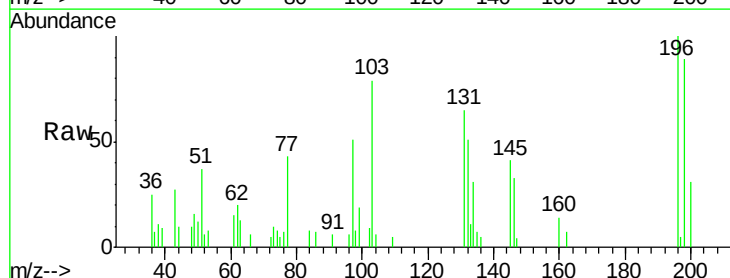


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

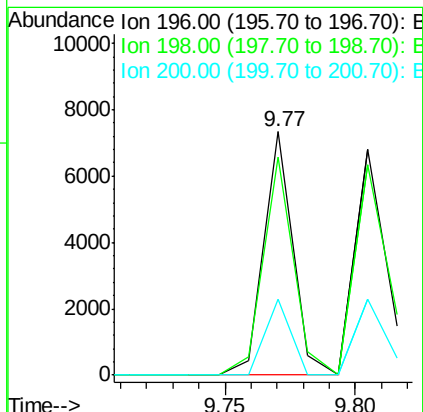
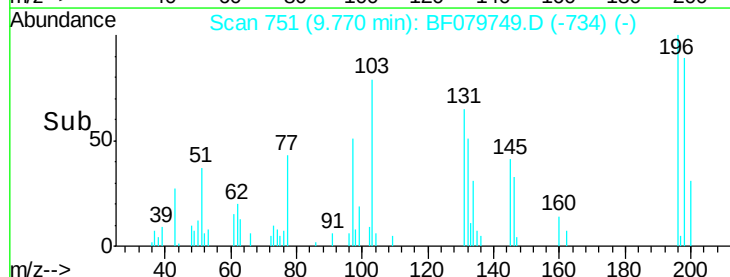


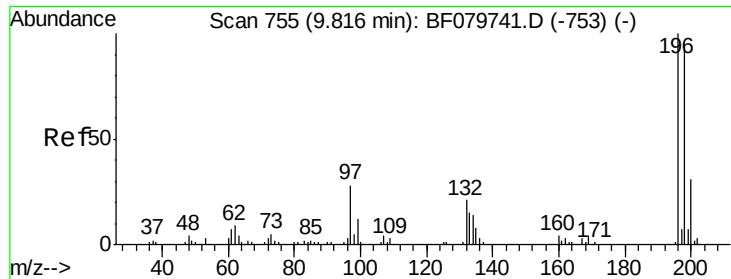
#42
 2,4,6-Trichlorophenol
 Concen: 2.36 ng
 RT: 9.77 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:196 Resp: 5740
 Ion Ratio Lower Upper
 196 100
 198 89.3 76.8 115.2
 200 30.9 24.5 36.7



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

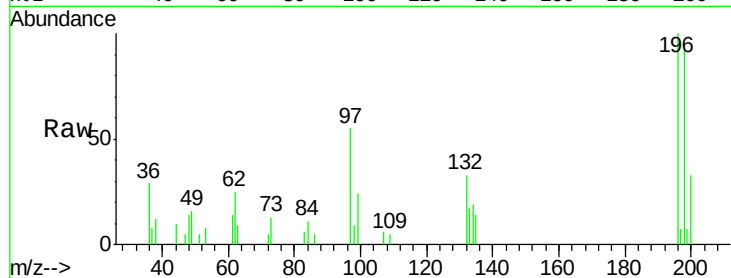




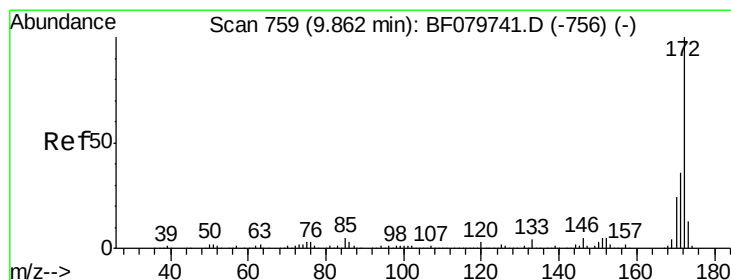
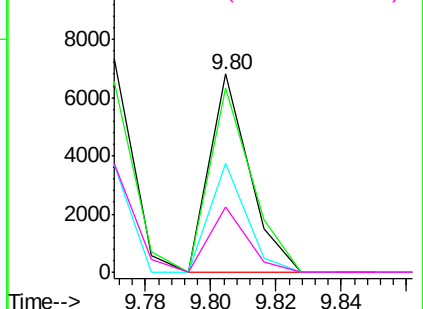
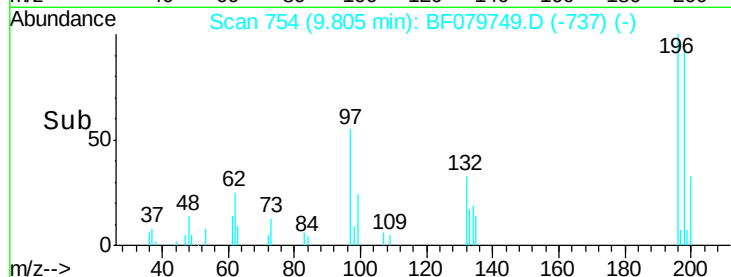
#43
 2,4,5-Trichlorophenol
 Concen: 2.22 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:196 Resp: 5688
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.9 115.3
 97 54.7 38.9 58.3
 132 33.1 23.9 35.9

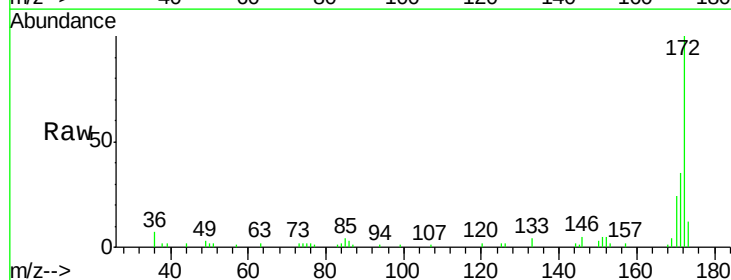


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

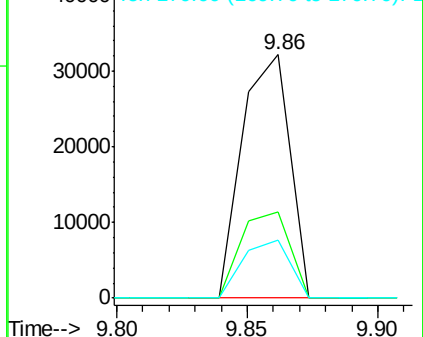
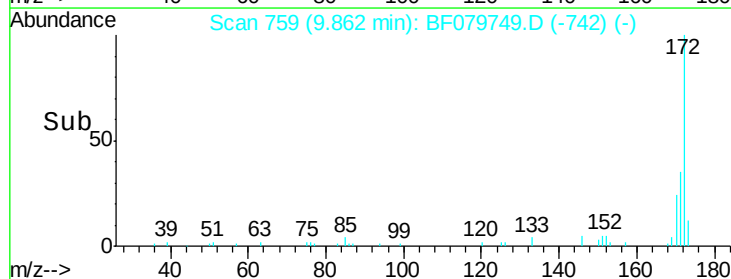


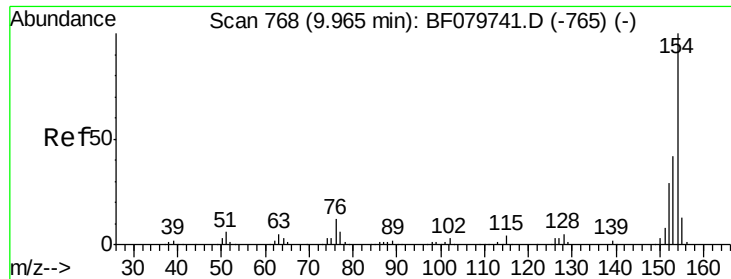
#44
 2-Fluorobiphenyl
 Concen: 2.35 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:172 Resp: 40737
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.0 19.7 29.5



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

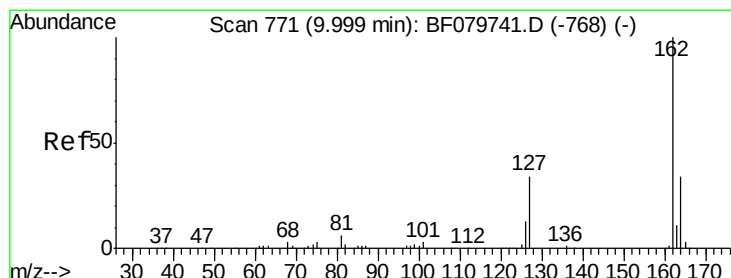
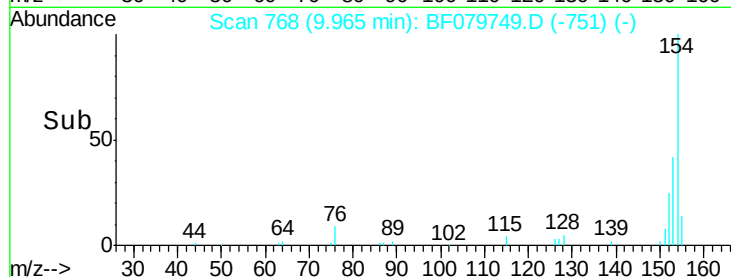
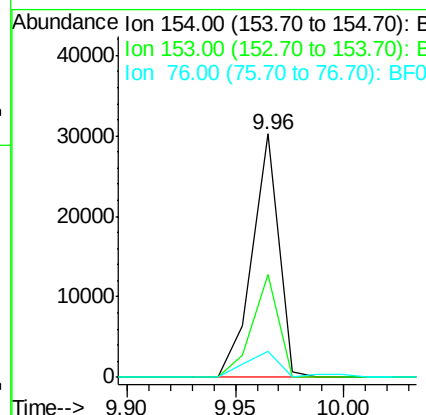
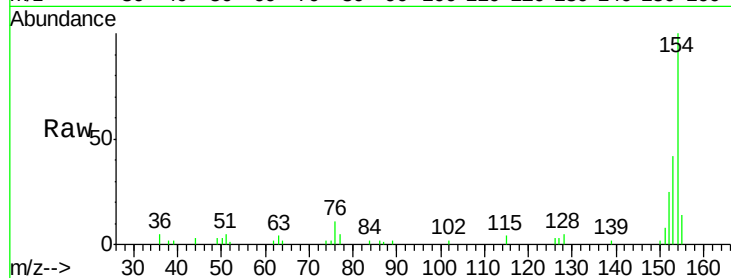




#45
 1,1'-Biphenyl
 Concen: 2.51 ng
 RT: 9.96 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

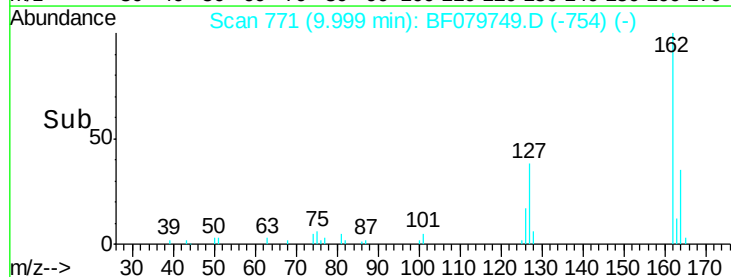
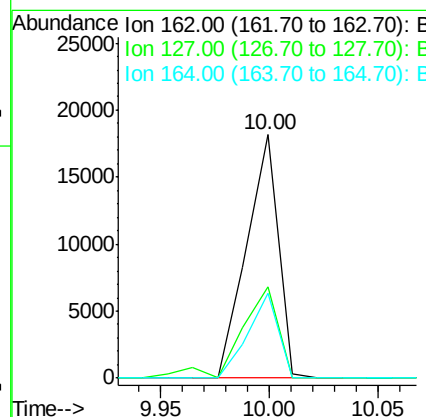
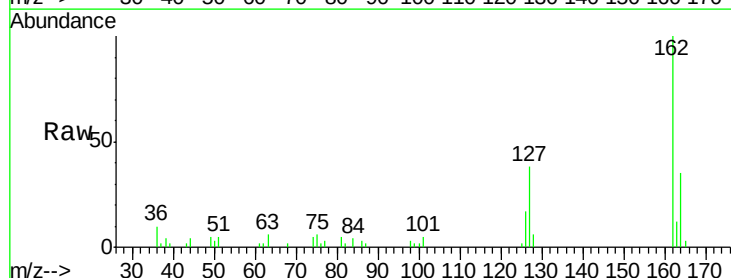
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

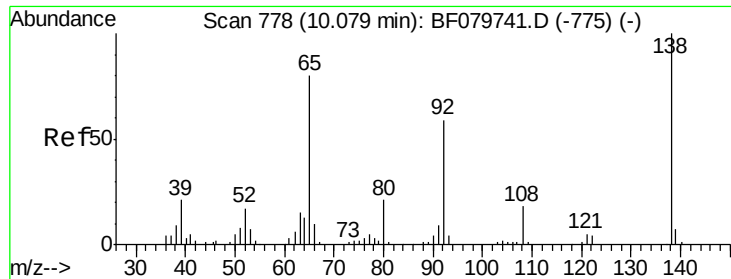
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.9	59.9
76	10.6	0.0	28.2



#46
 2-Chloronaphthalene
 Concen: 2.20 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	35.4	53.2
164	35.0	26.3	39.5

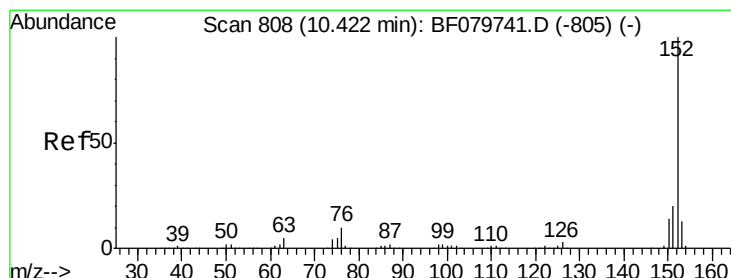
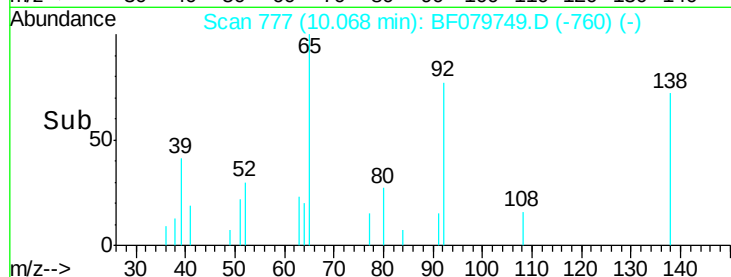
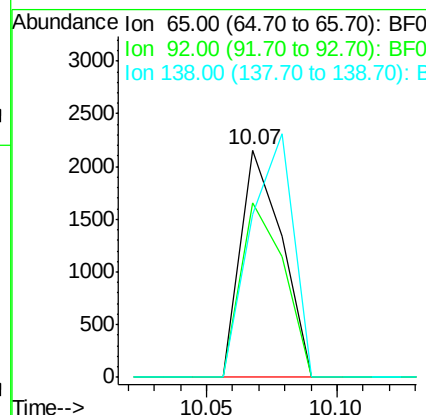
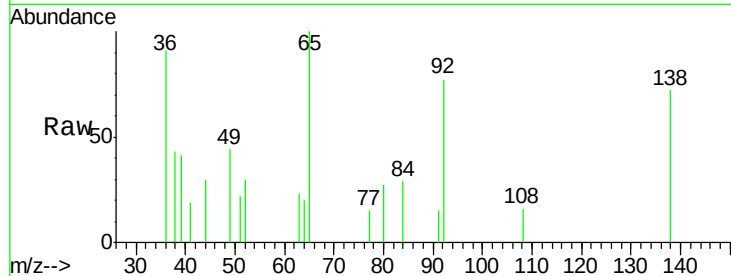




#47
2-Nitroaniline
Concen: 1.37 ng
RT: 10.07 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

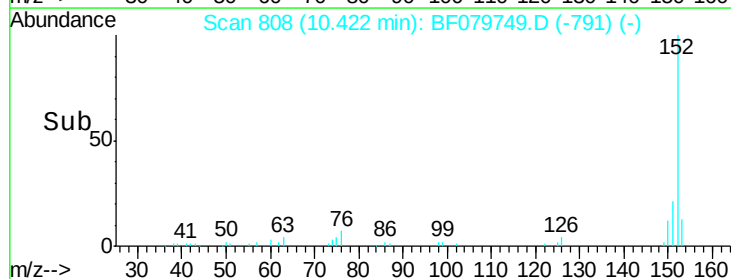
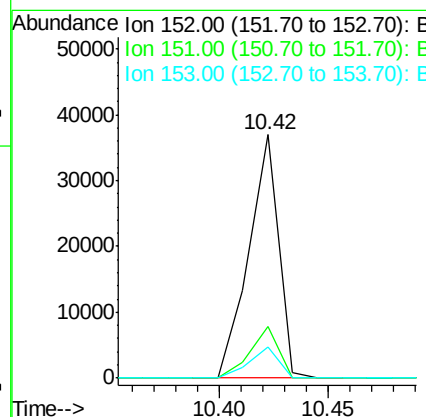
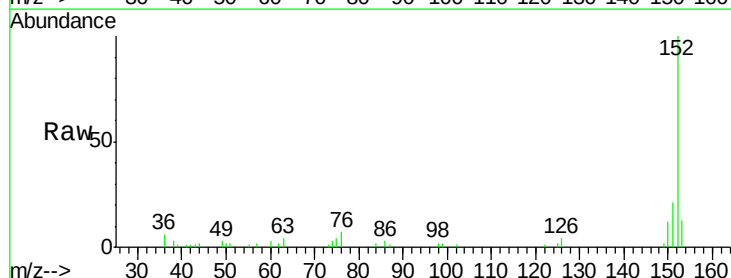
Instrument :
BNA_F
ClientSampleId :
SW-024MS

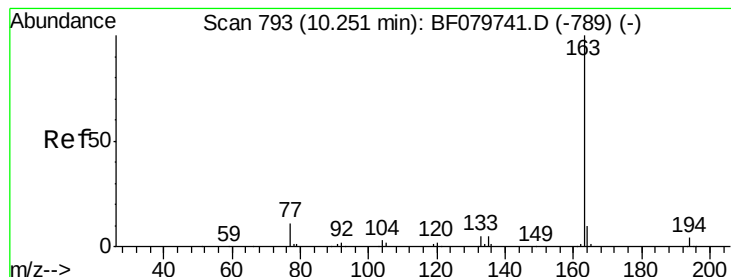
Tot Ion: 65 Resp: 2399
Ion Ratio Lower Upper
65 100
92 76.7 49.0 73.6#
138 71.7 67.7 101.5



#48
Acenaphthylene
Concen: 2.55 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion: 152 Resp: 35156
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 13.0 10.4 15.6





#49

Dimethylphthalate

Concen: 3.46 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

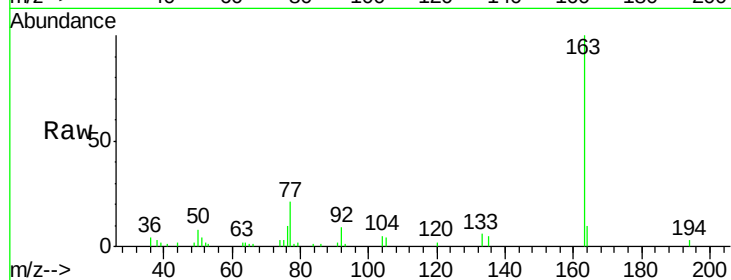
Tot Ion:163 Resp: 31286

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

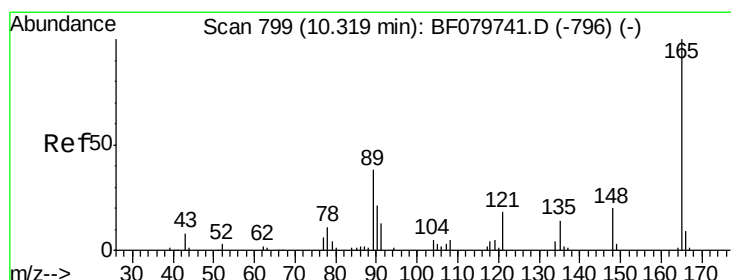
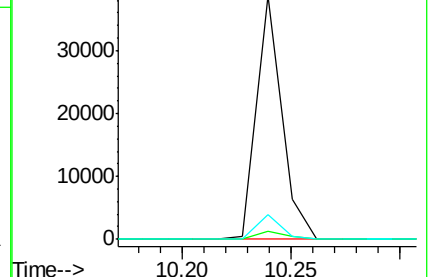
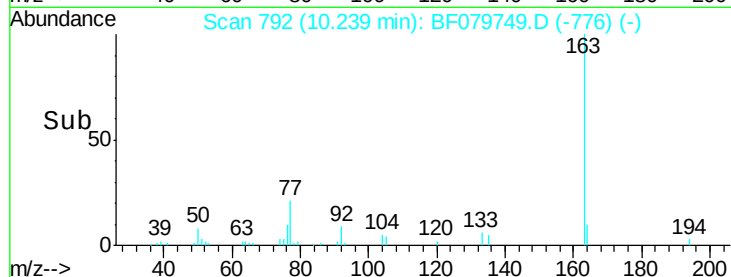
164 10.2 8.5 12.7



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: 2.51 ng

RT: 10.31 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

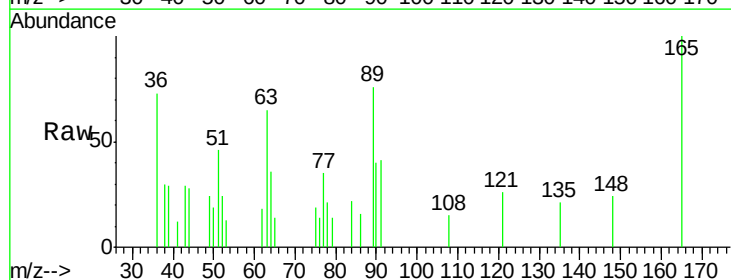
Tgt Ion:165 Resp: 1801

Ion Ratio Lower Upper

165 100

63 65.3 45.2 67.8

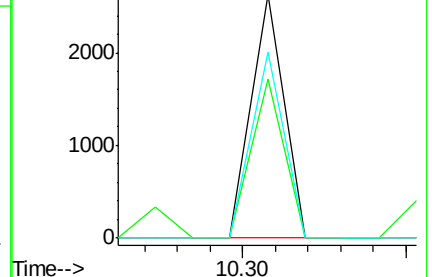
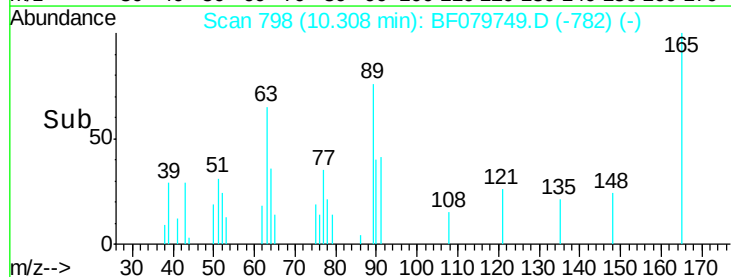
89 76.3 45.9 68.9#

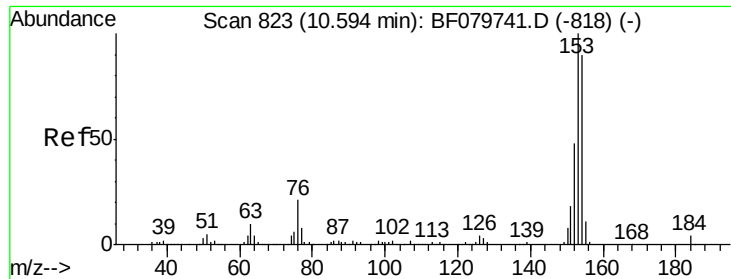


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.62 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

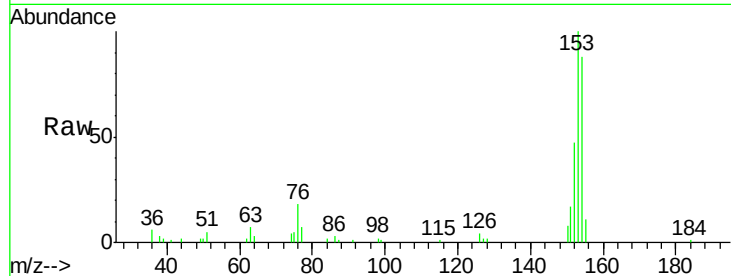
Tot Ion:154 Resp: 20471

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

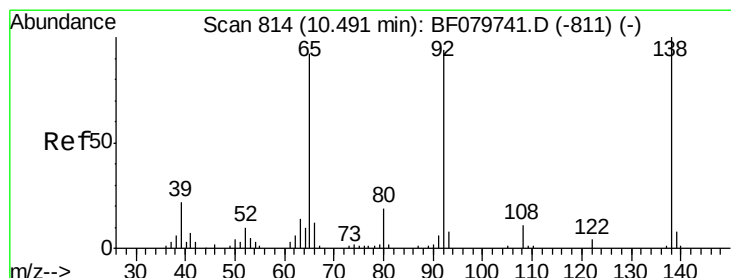
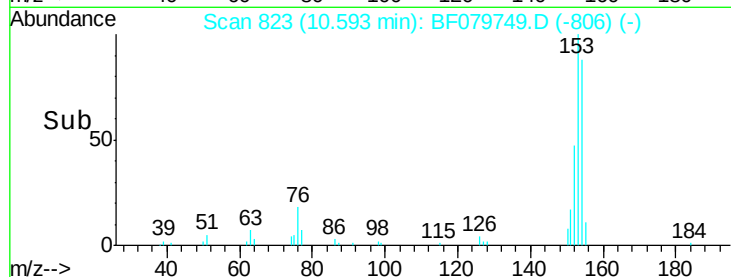
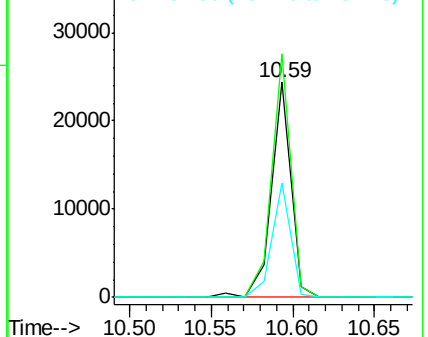
152 53.2 43.4 65.0



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: 1.19 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

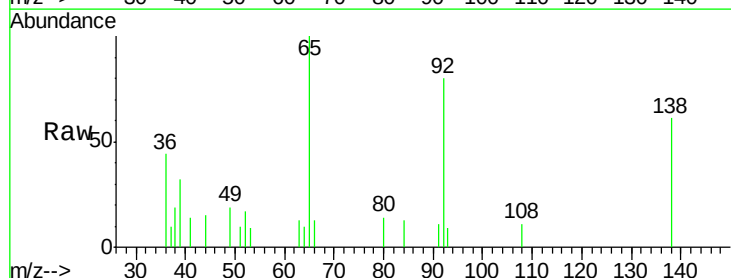
Tgt Ion:138 Resp: 2279

Ion Ratio Lower Upper

138 100

108 17.5 8.9 13.3#

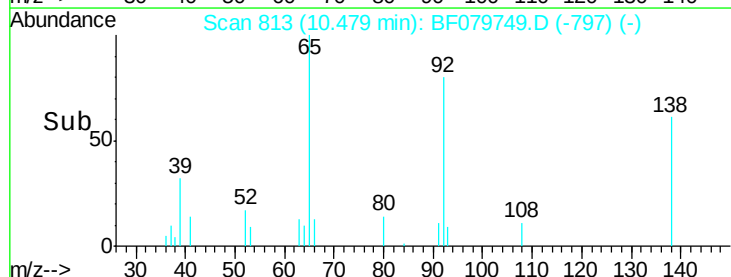
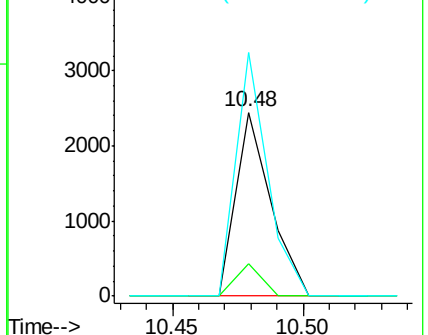
92 132.3 99.0 148.4

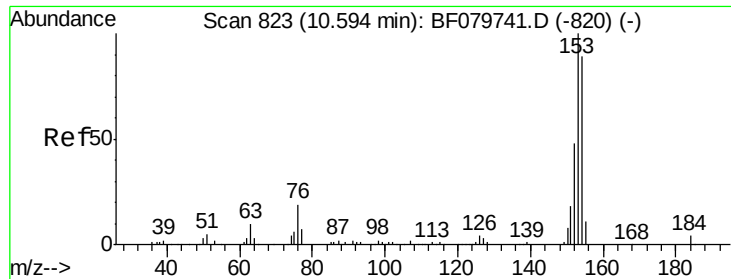


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

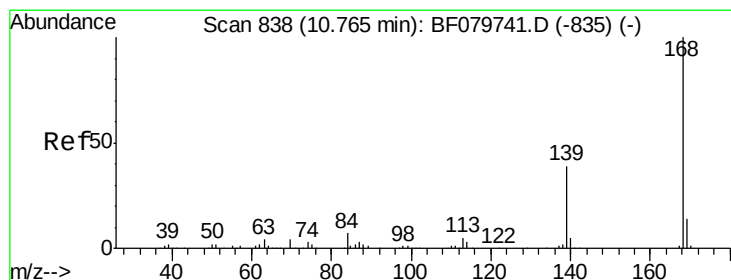
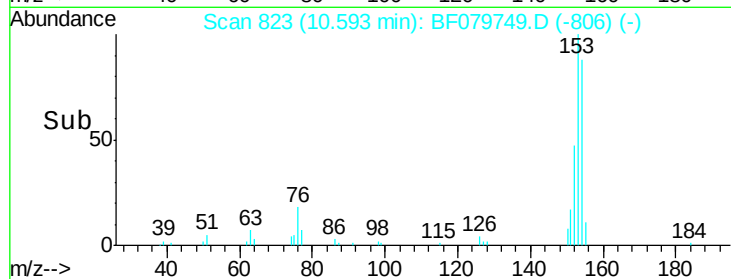
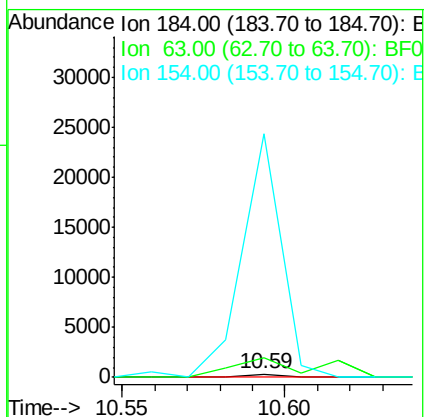
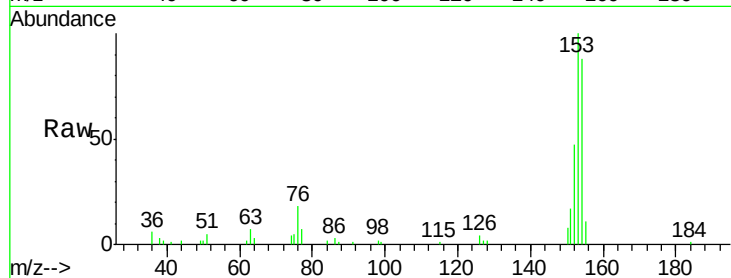




#53
2,4-Dinitrophenol
Concen: 2.81 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

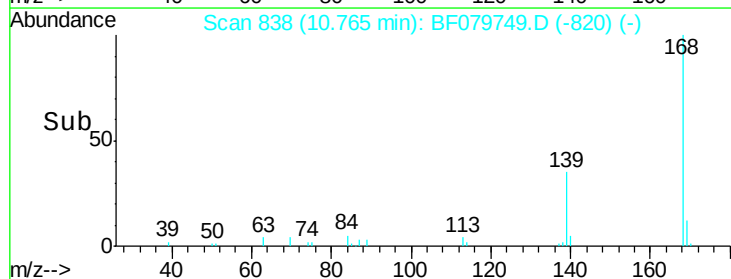
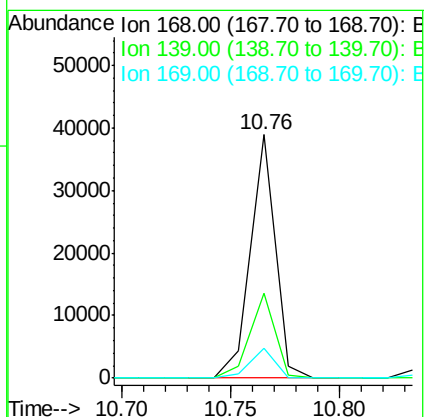
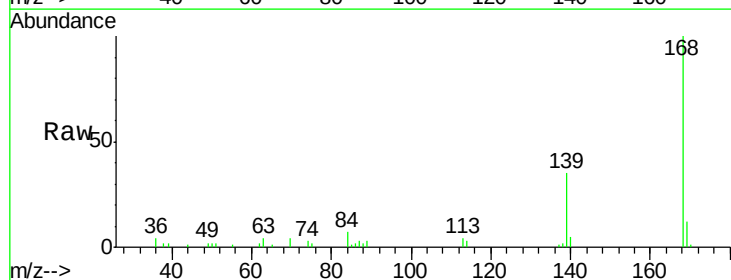
Instrument :
BNA_F
ClientSampleId :
SW-024MS

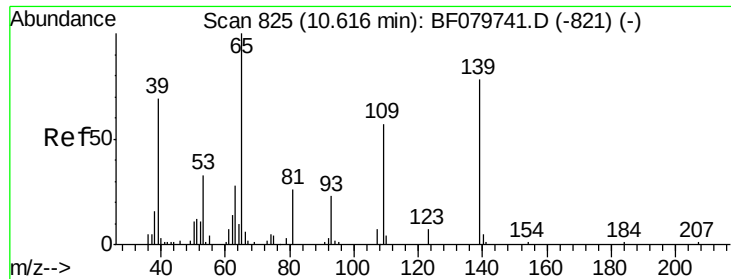
Tot Ion:184 Resp: 213
Ion Ratio Lower Upper
184 100
63 647.3 146.9 220.3#
154 7830.2 653.8 980.8#



#54
Dibenzofuran
Concen: 2.80 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:168 Resp: 30958
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5
169 12.3 11.0 16.4

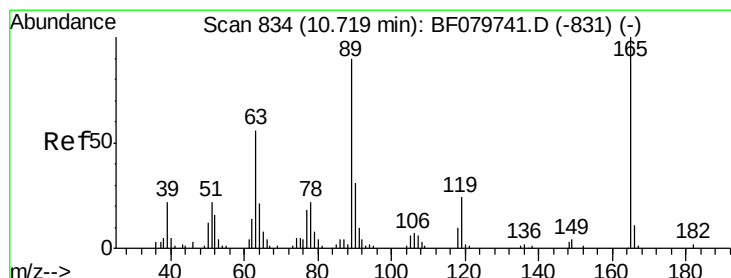
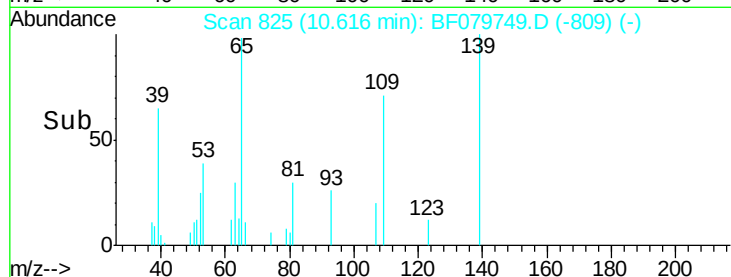
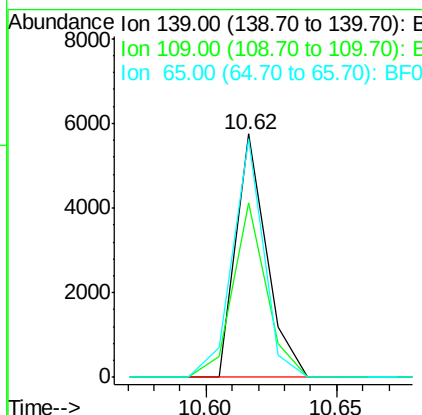
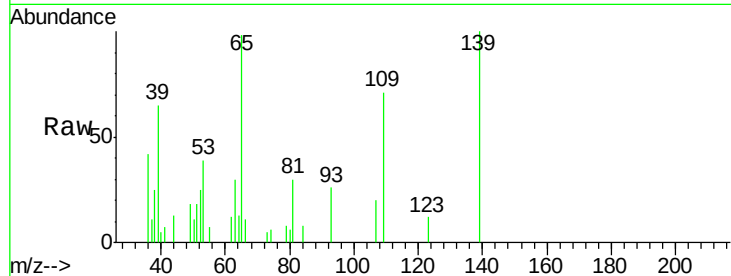




#55
4-Nitrophenol
Concen: 3.34 ng
RT: 10.62 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

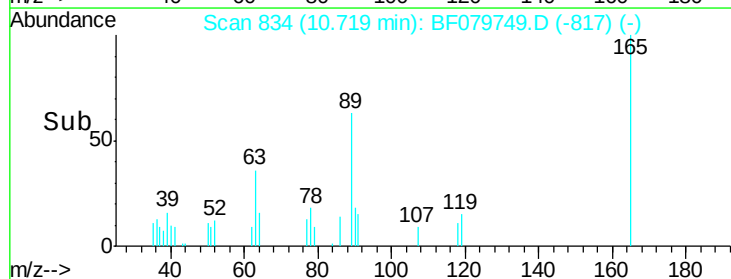
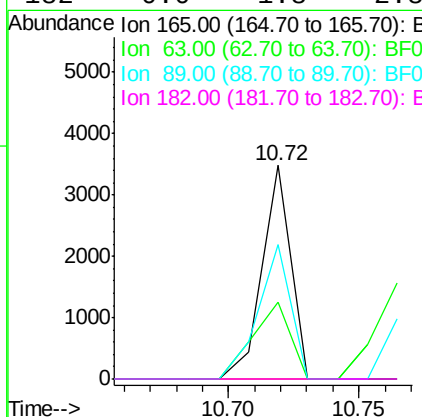
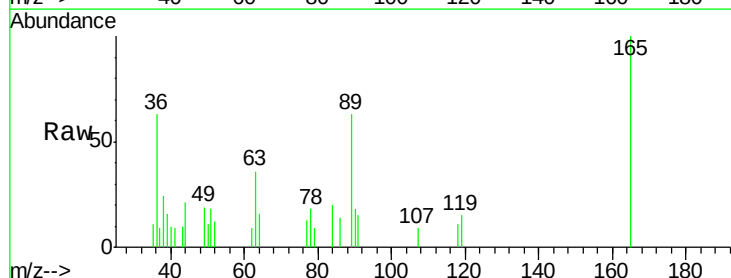
Instrument :
BNA_F
ClientSampleId :
SW-024MS

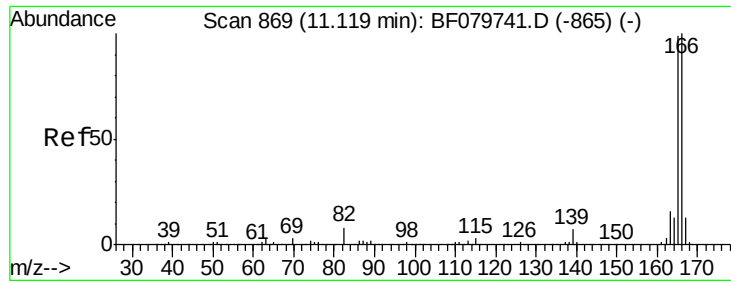
Tot Ion:139 Resp: 4768
Ion Ratio Lower Upper
139 100
109 71.4 44.2 84.2
65 97.9 72.3 112.3



#56
2,4-Dinitrotoluene
Concen: 3.51 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:165 Resp: 2686
Ion Ratio Lower Upper
165 100
63 36.3 24.7 37.1
89 63.0 45.7 68.5
182 0.0 1.8 2.8#

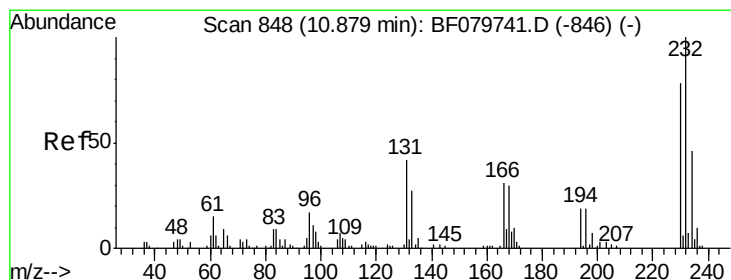
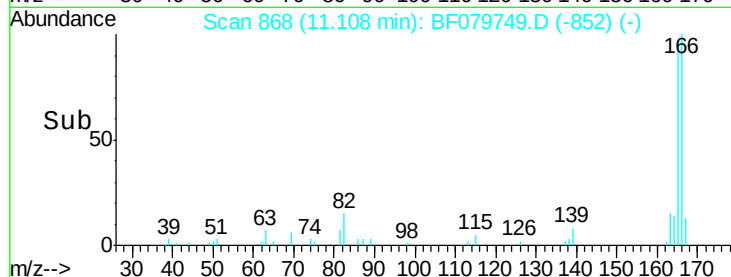
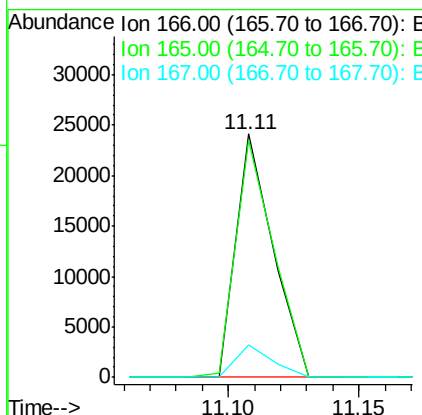
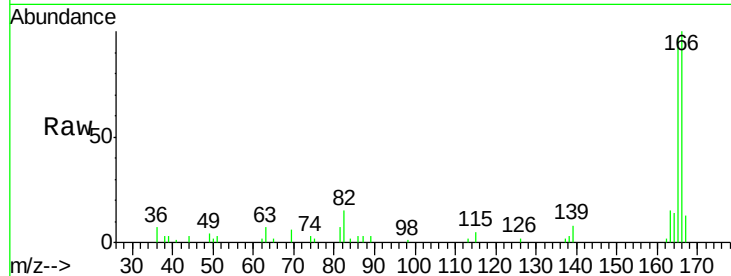




#57
 Fluorene
 Concen: 2.49 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

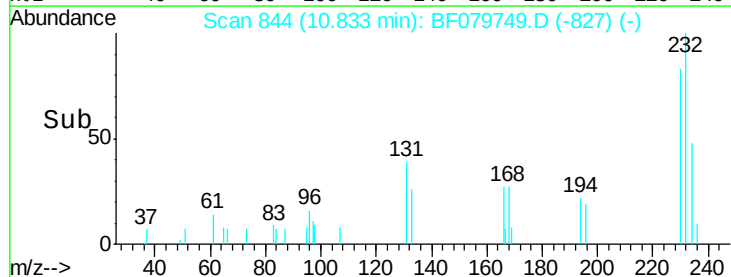
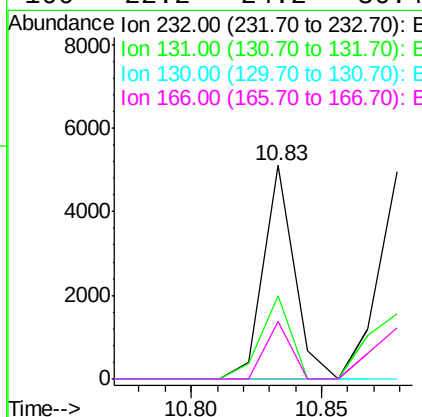
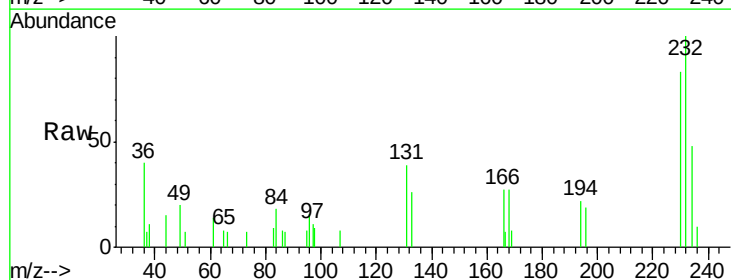
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

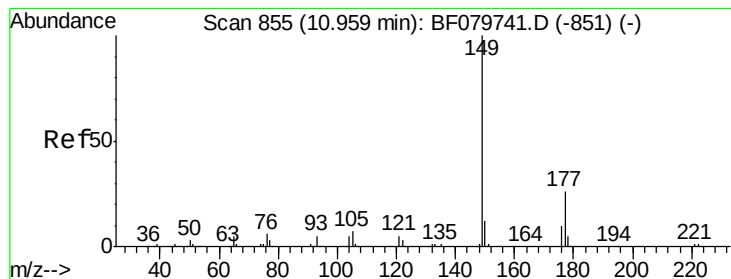
Tot Ion:166 Resp: 23831
 Ion Ratio Lower Upper
 166 100
 165 97.5 79.4 119.0
 167 13.3 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.14 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:232 Resp: 4250
 Ion Ratio Lower Upper
 232 100
 131 38.4 36.5 54.7
 130 0.0 1.8 2.8#
 166 22.2 24.2 36.4#





#59

Diethylphthalate

Concen: 2.66 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

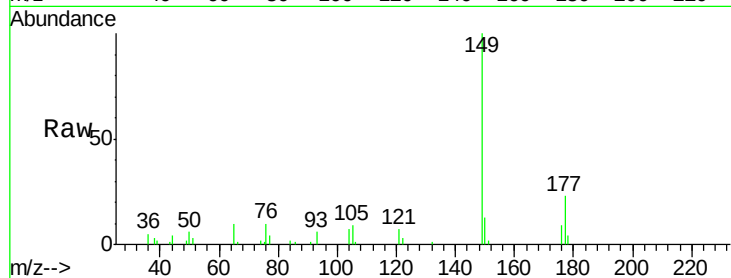
Tot Ion:149 Resp: 23482

Ion Ratio Lower Upper

149 100

177 22.7 18.1 27.1

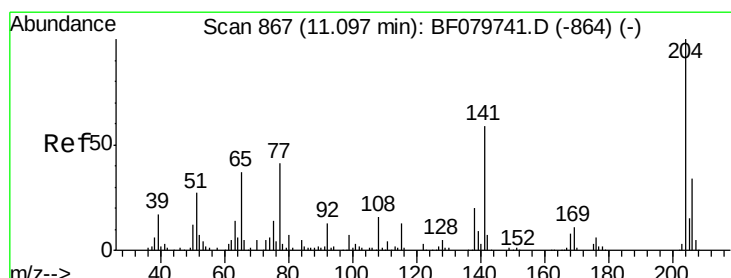
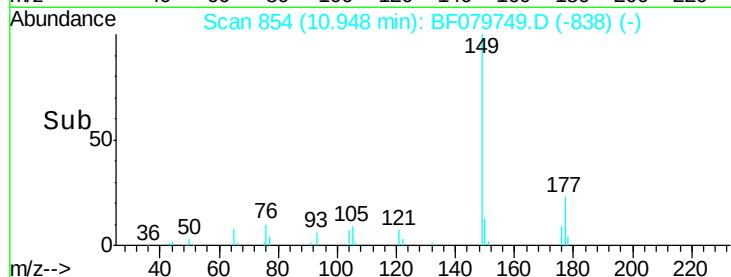
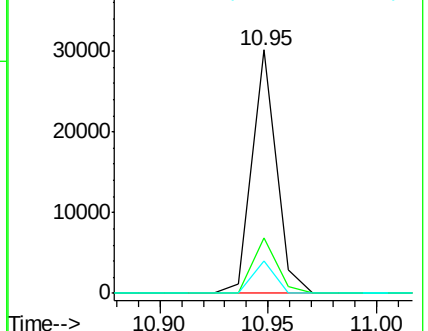
150 13.4 10.5 15.7



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: 2.40 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

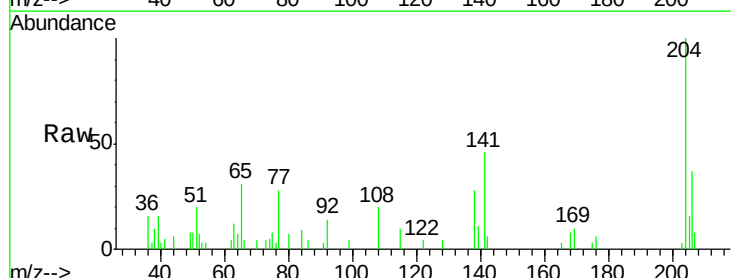
Tgt Ion:204 Resp: 10417

Ion Ratio Lower Upper

204 100

206 37.1 25.8 38.6

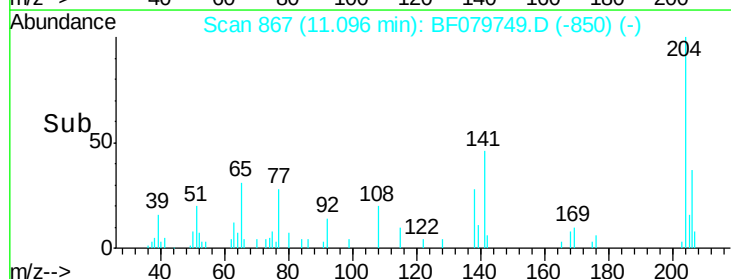
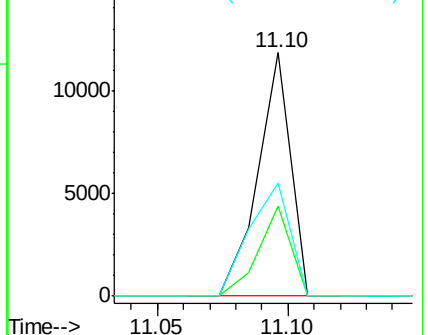
141 46.3 56.5 84.7#

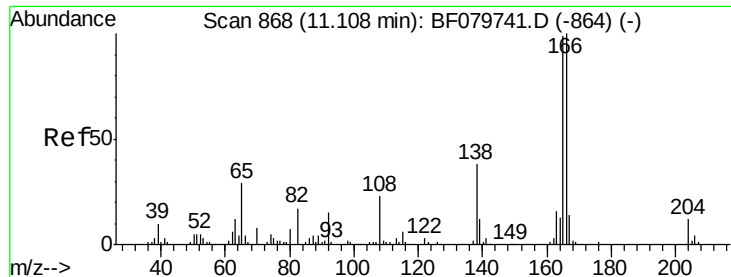


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

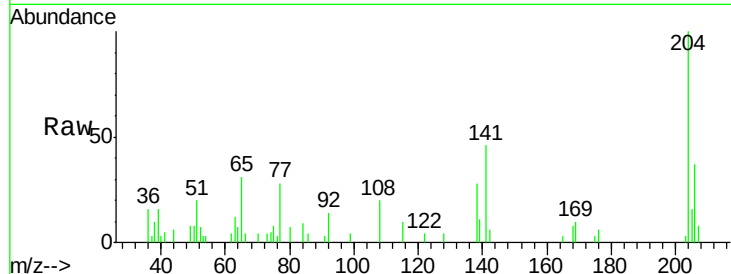




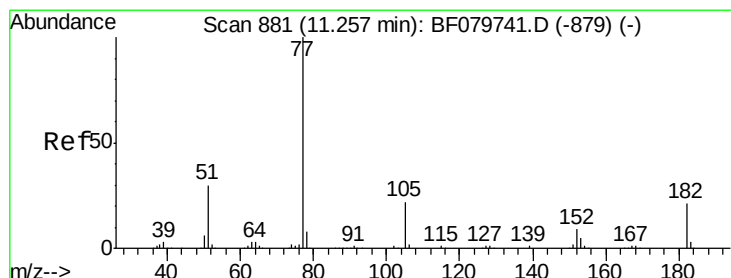
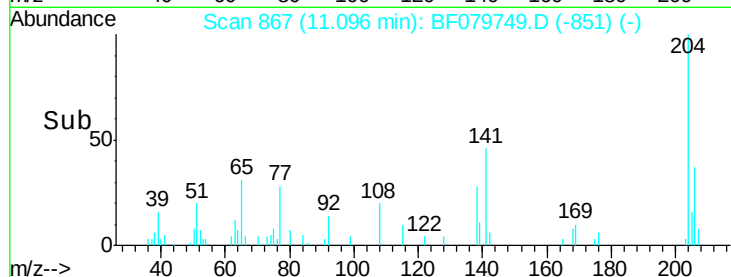
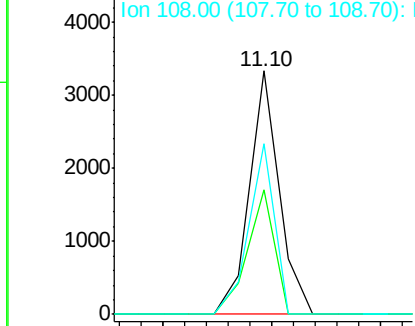
#61
4-Nitroaniline
Concen: 1.88 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:138 Resp: 3172
Ion Ratio Lower Upper
138 100
92 51.2 38.2 78.2
108 70.0 53.8 93.8

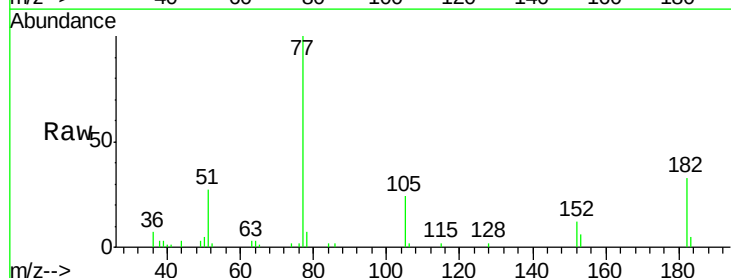


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

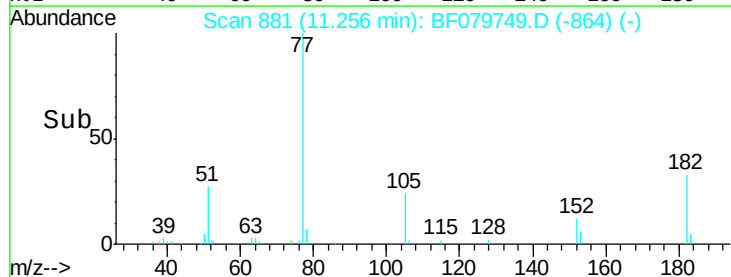
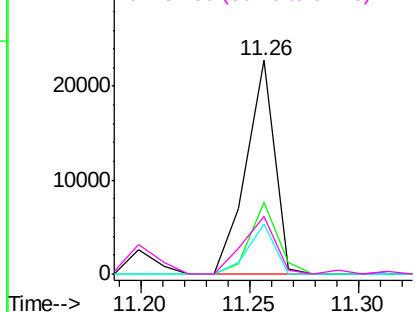


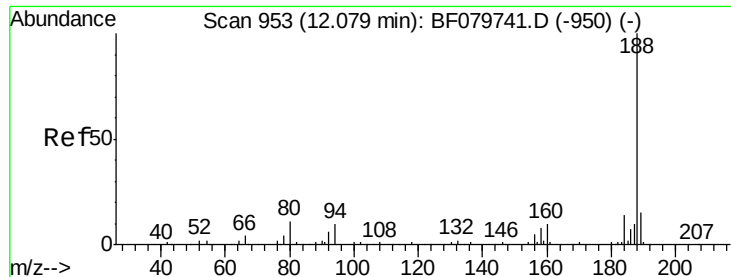
#62
Azobenzene
Concen: 2.33 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion: 77 Resp: 20845
Ion Ratio Lower Upper
77 100
182 33.4 0.0 35.2
105 23.7 0.0 39.5
51 27.0 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

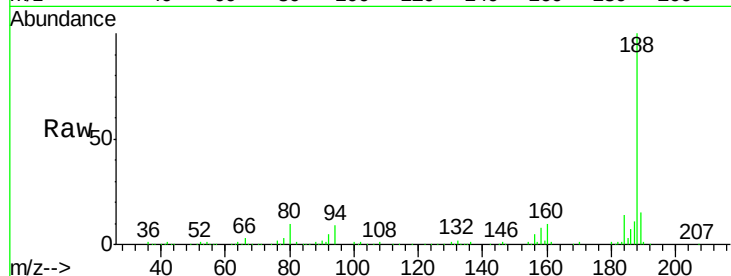




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.07 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

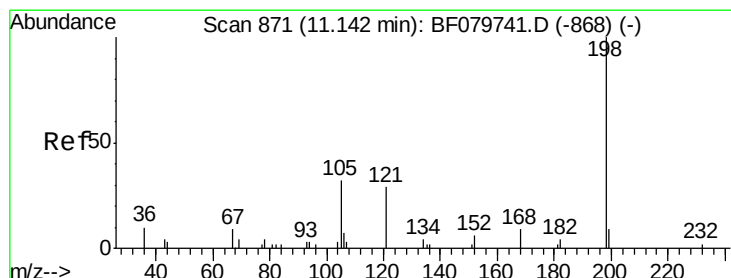
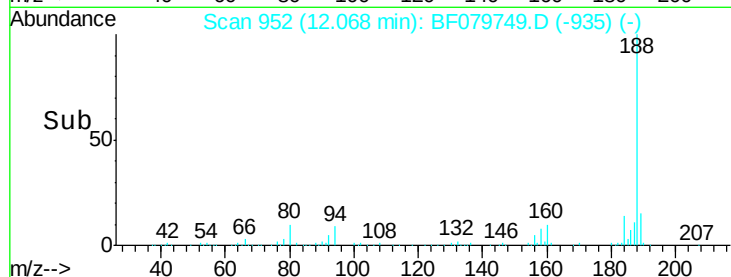
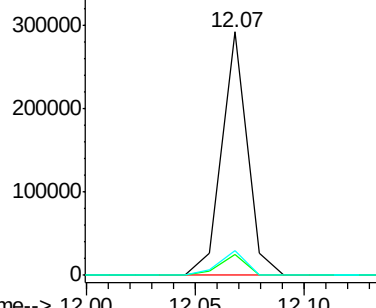
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	5.0	7.4#
80	9.9	5.3	7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

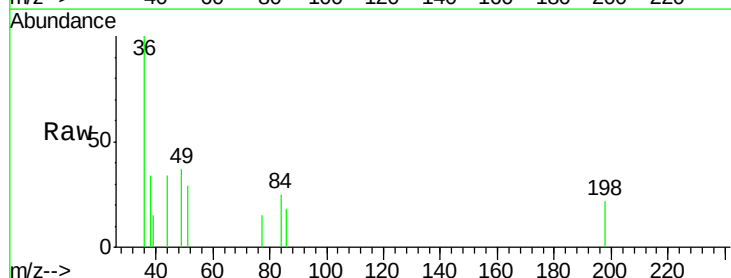
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.13 ng
 RT: 11.13 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

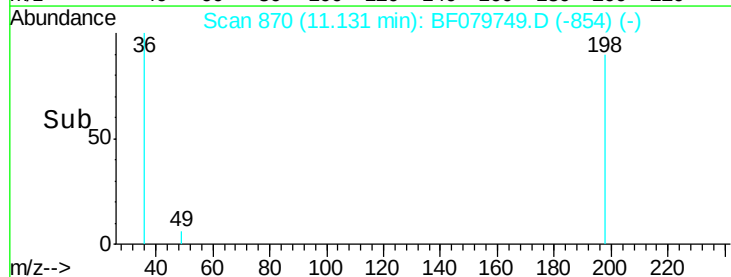
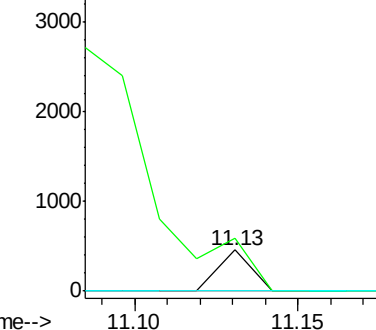
Tgt Ion	Ratio	Lower	Upper
198	100		
51	130.5	34.4	74.4#
105	0.0	32.7	72.7#

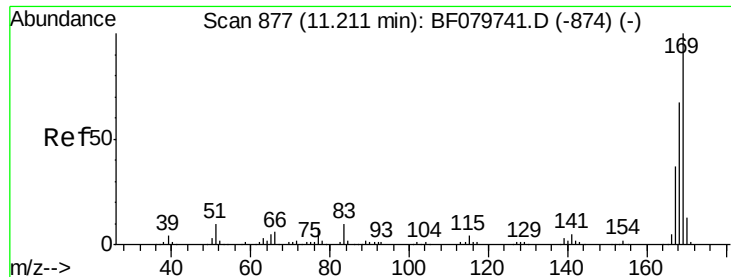


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

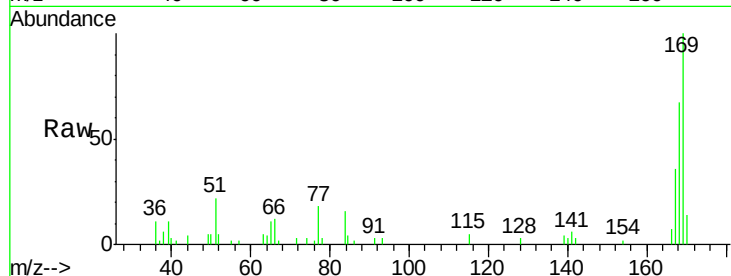




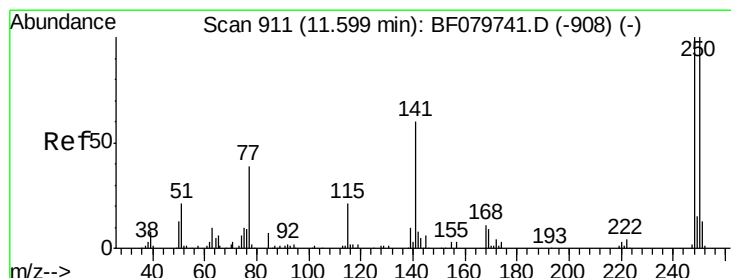
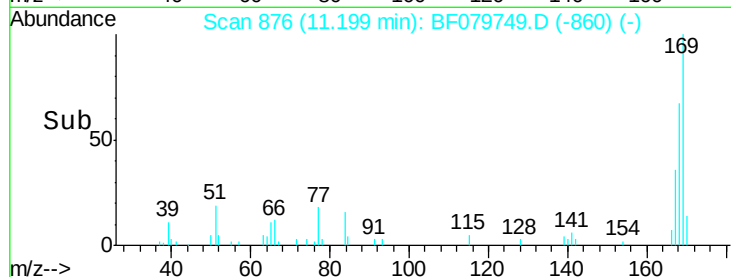
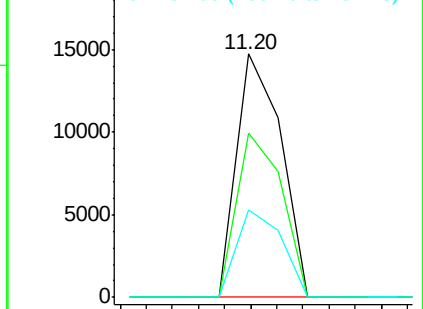
#65
 n-Nitrosodiphenylamine
 Concen: 2.21 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:169 Resp: 17572
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.8 82.2
 167 35.8 29.7 44.5

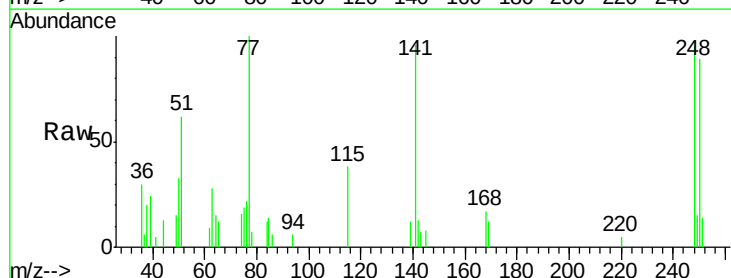


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

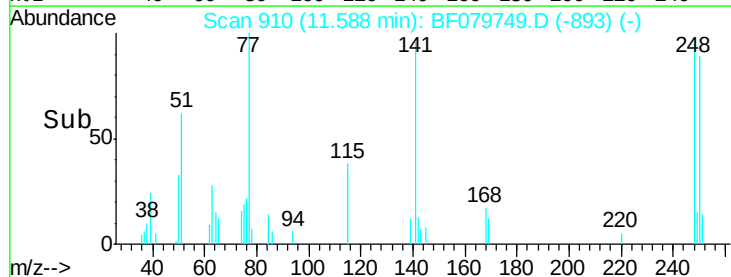
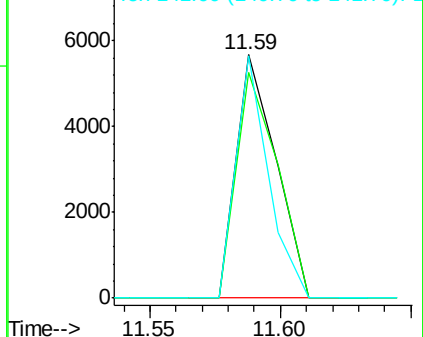


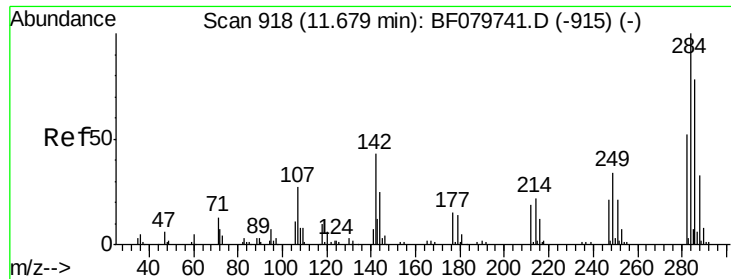
#66
 4-Bromophenyl-phenylether
 Concen: 2.34 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:248 Resp: 6010
 Ion Ratio Lower Upper
 248 100
 250 92.8 76.1 114.1
 141 99.5 64.6 96.8#



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

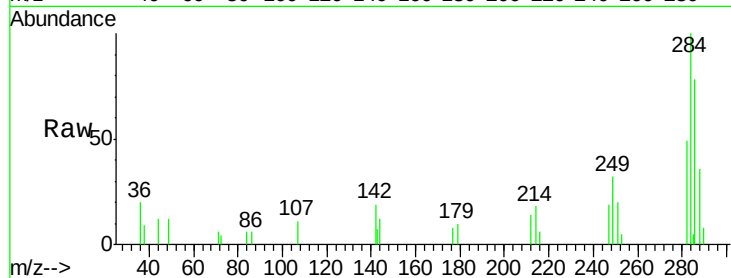




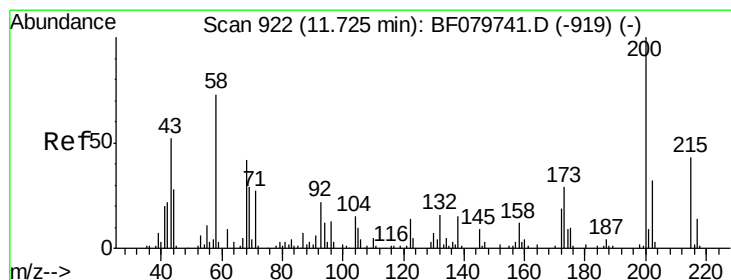
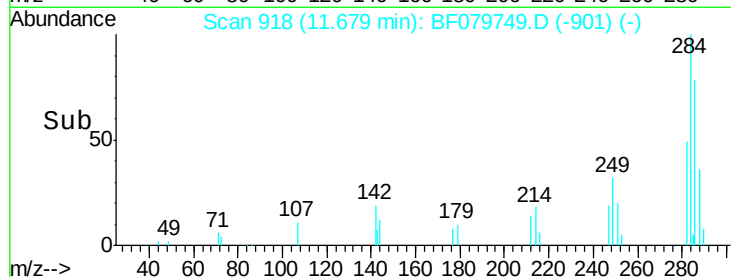
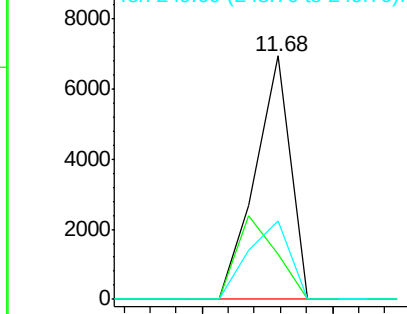
#67
Hexachlorobenzene
Concen: 2.28 ng
RT: 11.68 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion:284 Resp: 6603
Ion Ratio Lower Upper
284 100
142 18.6 13.0 19.4
249 32.1 22.3 33.5

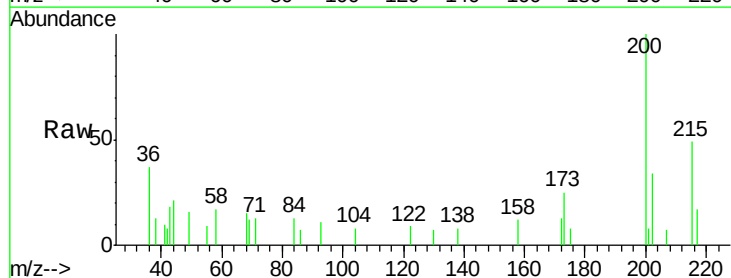


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

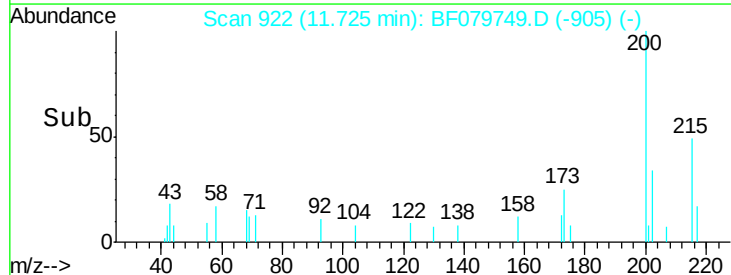
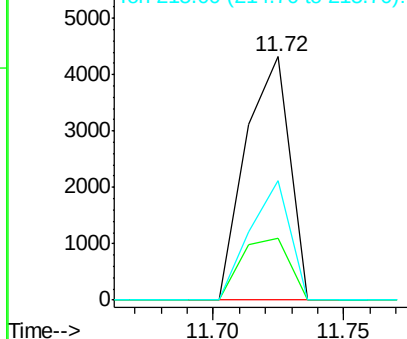


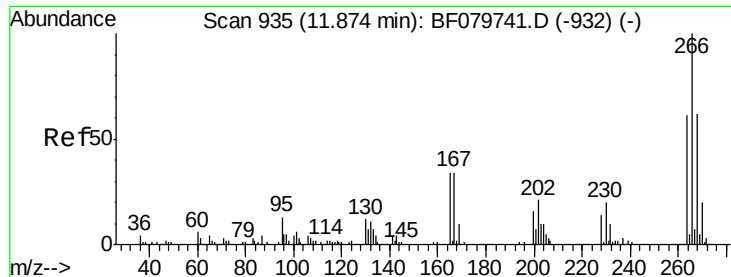
#68
Atrazine
Concen: 2.14 ng
RT: 11.72 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:200 Resp: 5098
Ion Ratio Lower Upper
200 100
173 25.2 5.5 45.5
215 49.0 28.5 68.5



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

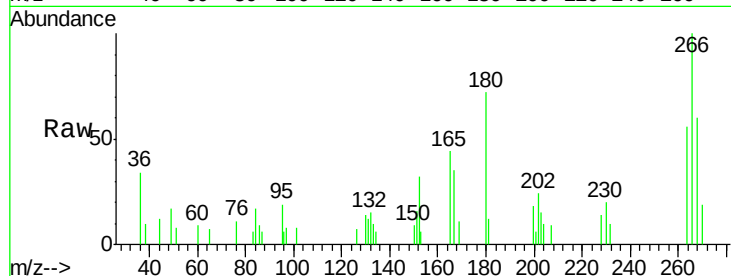




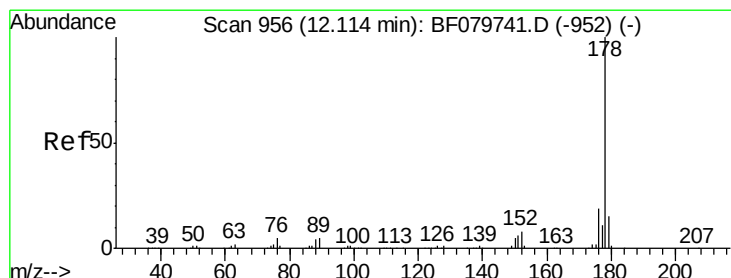
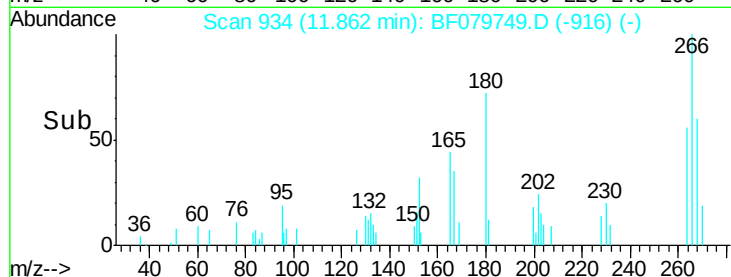
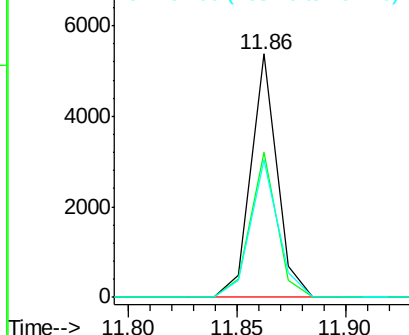
#69
 Pentachlorophenol
 Concen: 4.77 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

Tot Ion:266 Resp: 4496
 Ion Ratio Lower Upper
 266 100
 268 59.7 50.4 75.6
 264 56.4 51.3 76.9

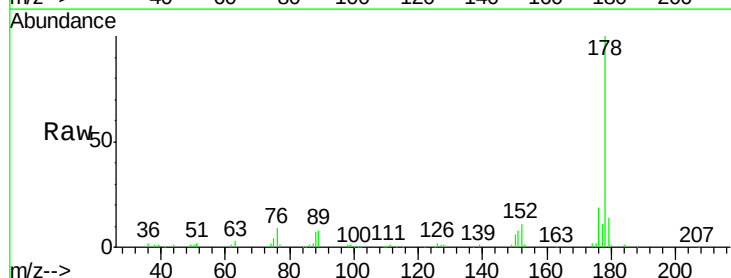


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

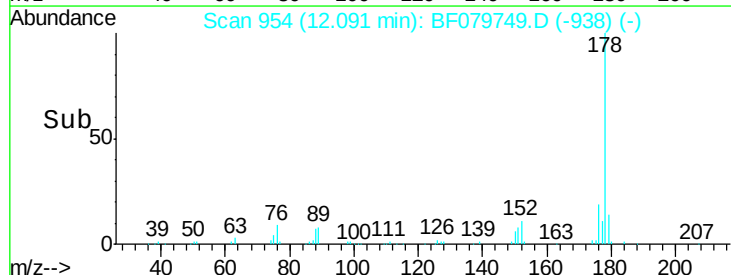
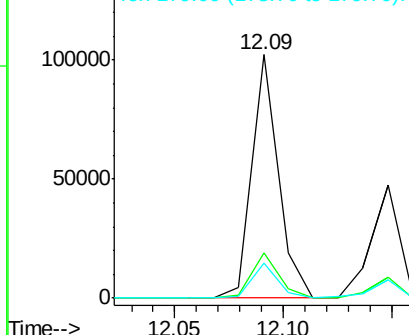


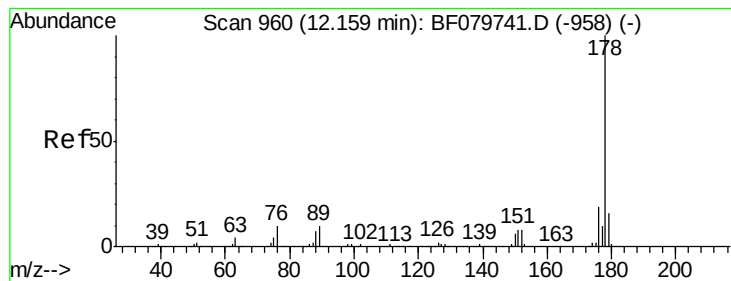
#70
 Phenanthrene
 Concen: 6.22 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:178 Resp: 86569
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 14.4 12.6 19.0



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





#71

Anthracene

Concen: 3.07 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

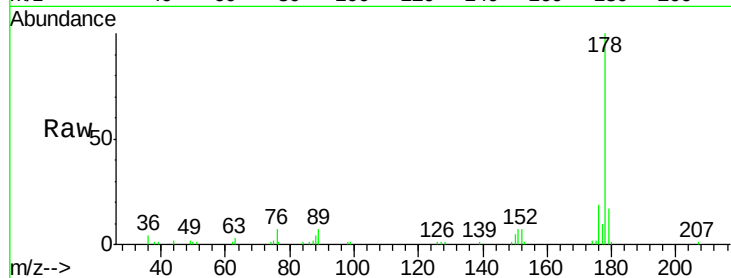
Tot Ion:178 Resp: 42071

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

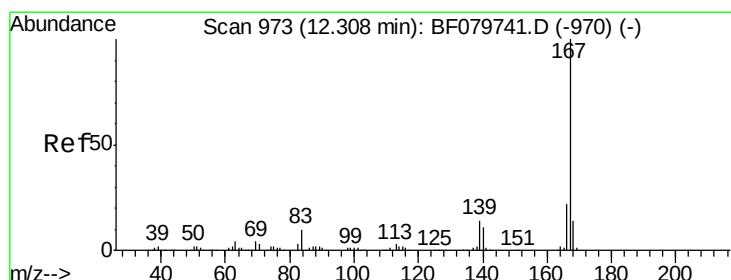
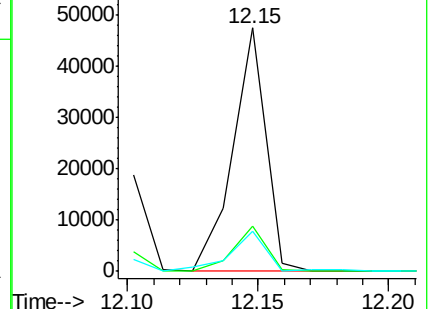
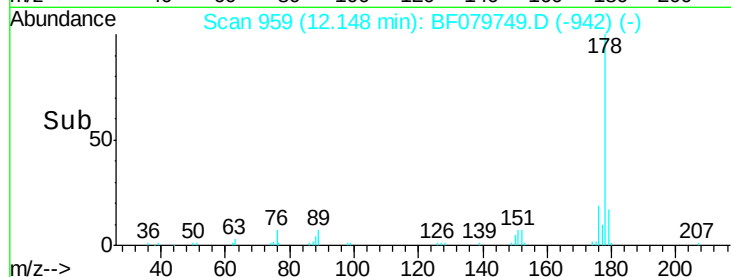
179 16.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.66 ng

RT: 12.28 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

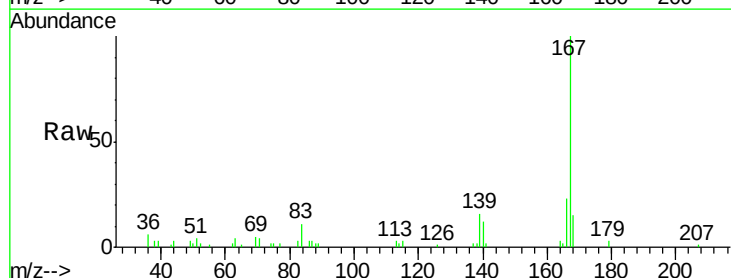
Tgt Ion:167 Resp: 34651

Ion Ratio Lower Upper

167 100

166 22.6 17.7 26.5

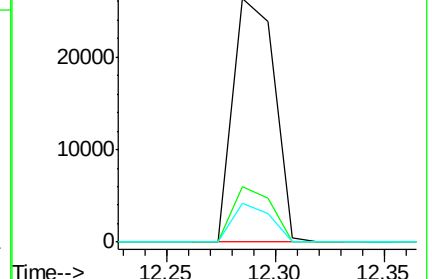
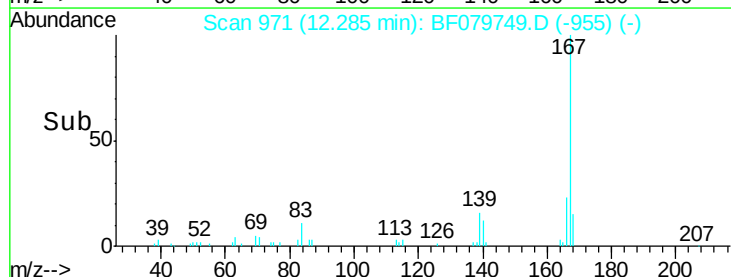
139 16.1 9.3 13.9#

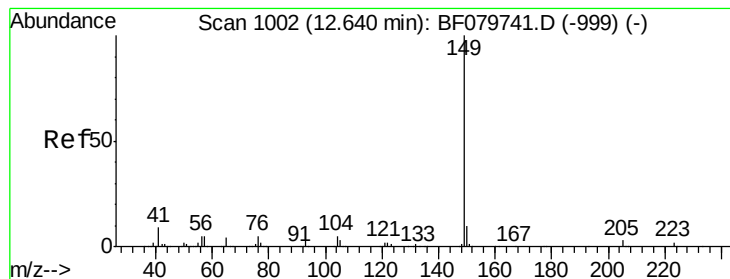


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 2.33 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

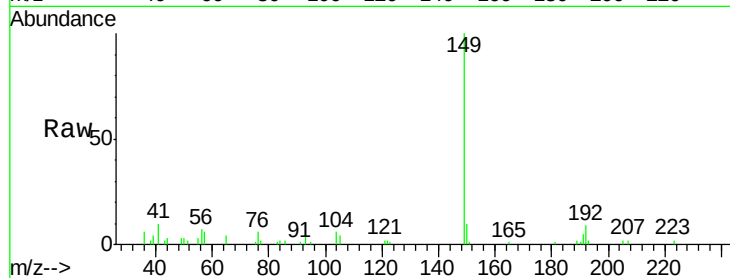
Tot Ion:149 Resp: 34433

Ion Ratio Lower Upper

149 100

150 10.3 9.8 14.8

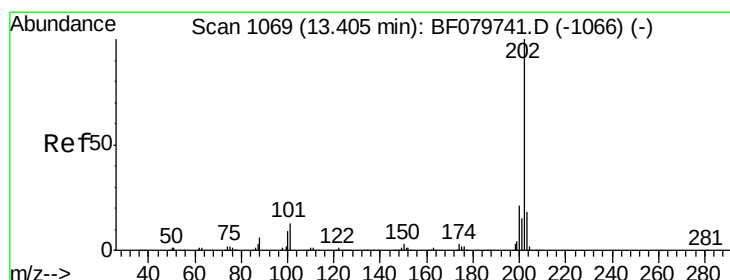
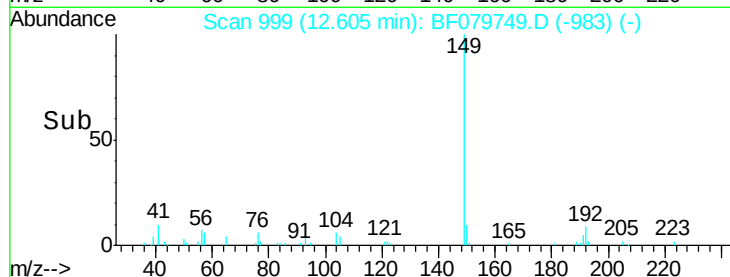
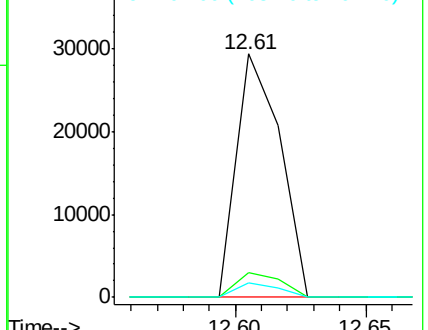
104 5.8 12.9 19.3#



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: 7.26 ng

RT: 13.34 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

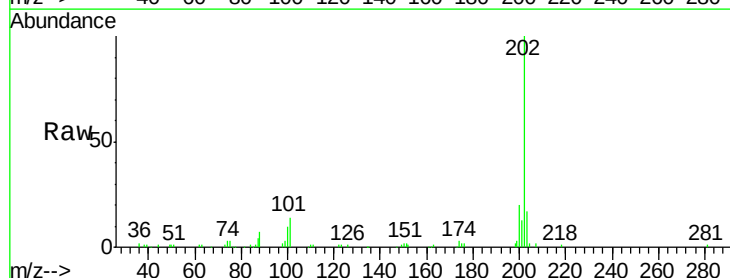
Tgt Ion:202 Resp: 110605

Ion Ratio Lower Upper

202 100

101 14.4 0.0 31.3

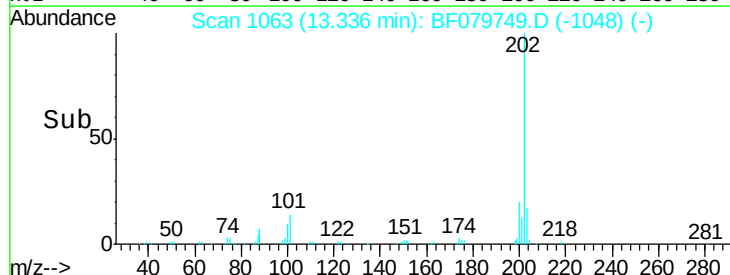
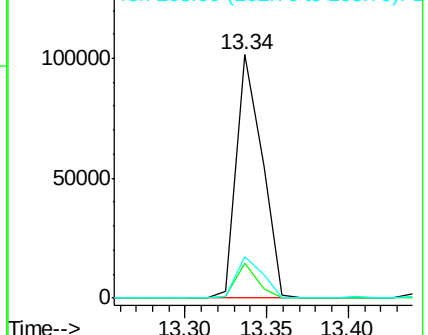
203 16.9 0.0 38.4

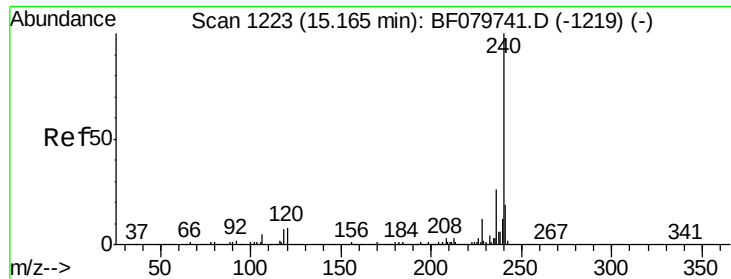


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.98 min Scan# 1207

Delta R.T. -0.03 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

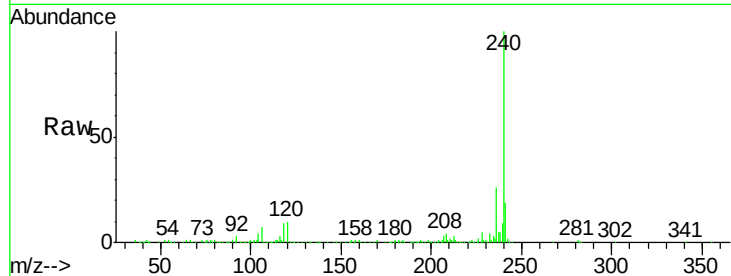
Tot Ion:240 Resp: 257735

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

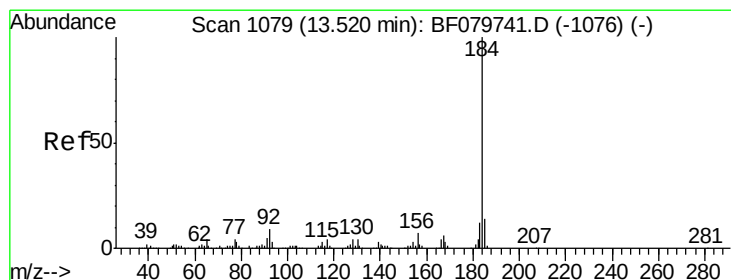
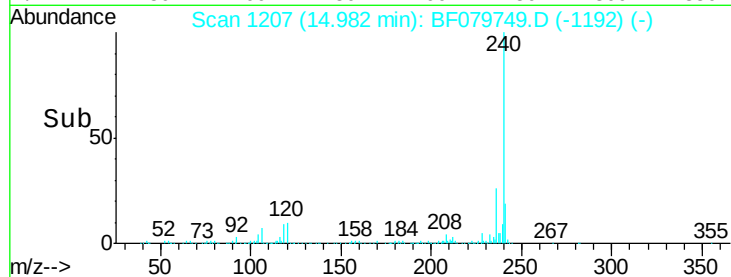
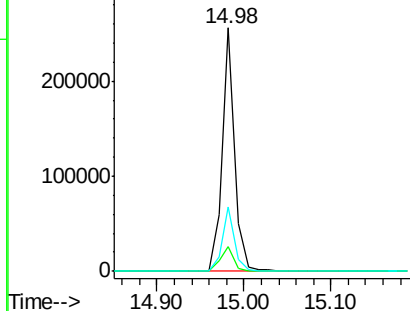
236 26.4 21.0 31.4



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: 0.07 ng

RT: 13.45 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

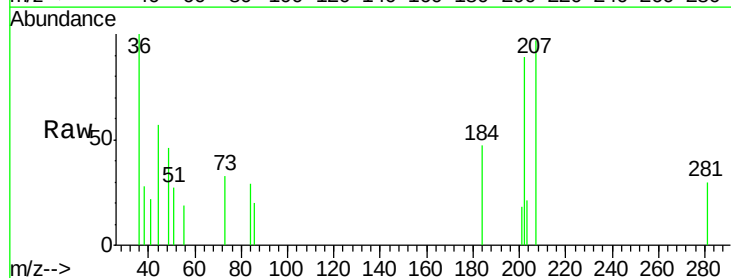
Tgt Ion:184 Resp: 547

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

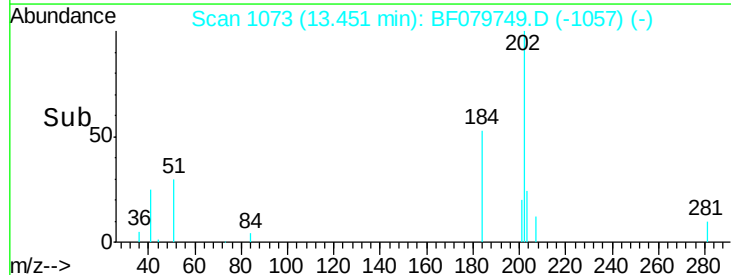
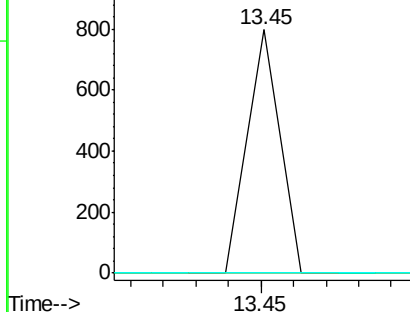
183 0.0 9.3 13.9#

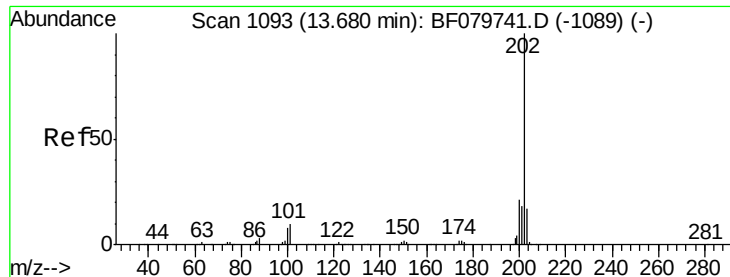


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 6.20 ng

RT: 13.60 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

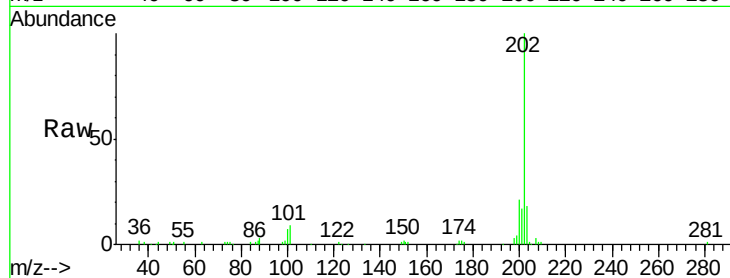
Tot Ion:202 Resp: 97991

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

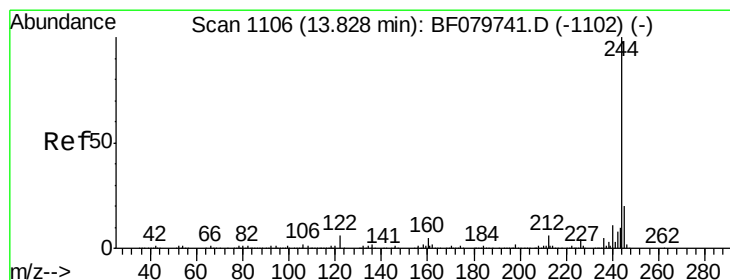
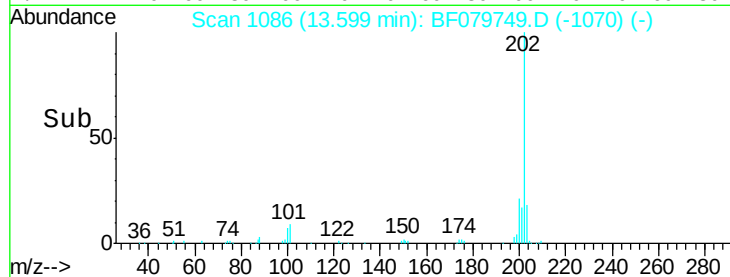
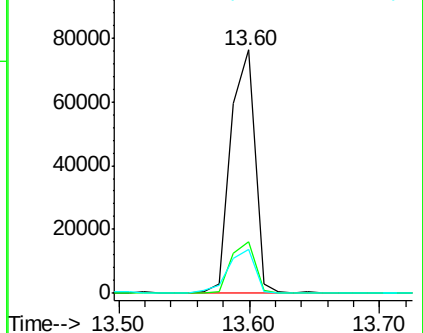
203 18.2 14.8 22.2



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: 2.35 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

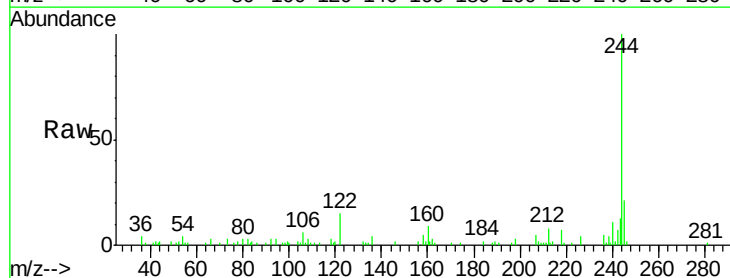
Tgt Ion:244 Resp: 52942

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

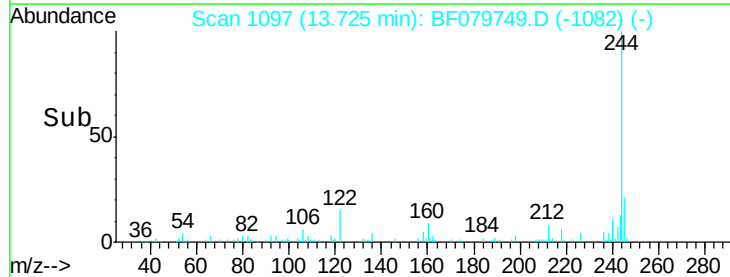
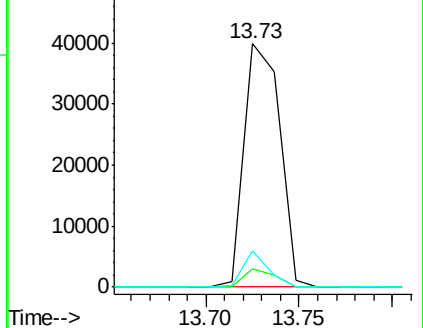
122 14.7 9.3 13.9#

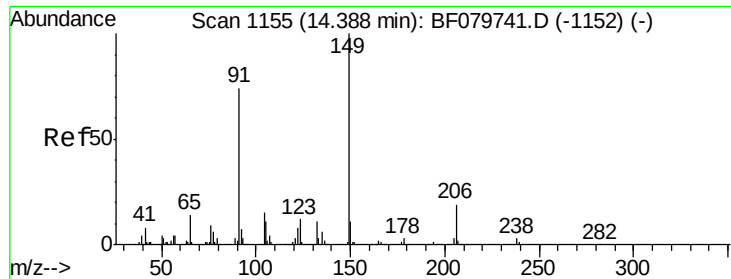


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 2.19 ng

RT: 14.26 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

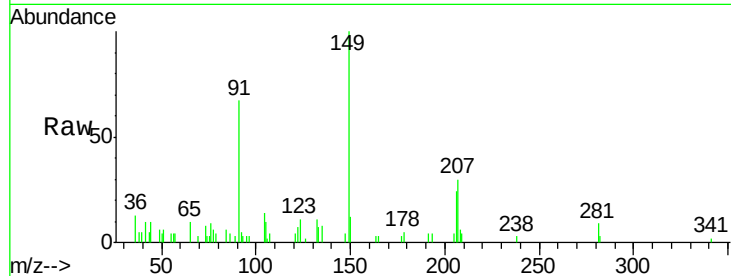
Tot Ion:149 Resp: 13794

Ion Ratio Lower Upper

149 100

91 66.9 64.4 96.6

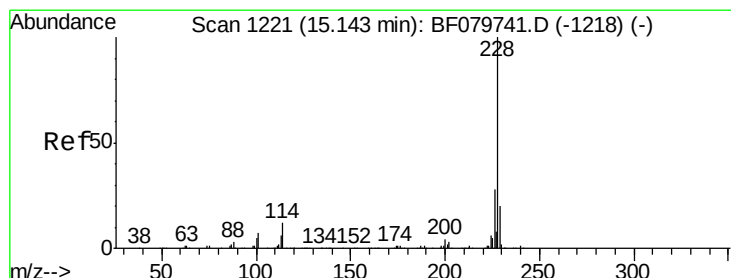
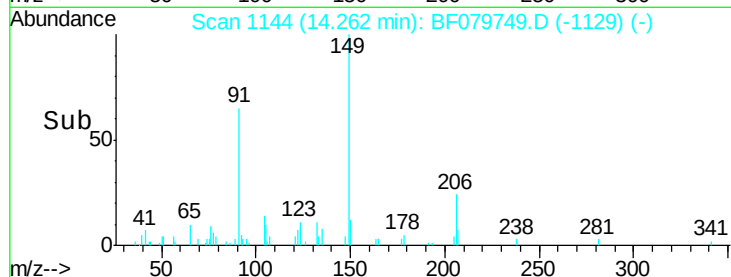
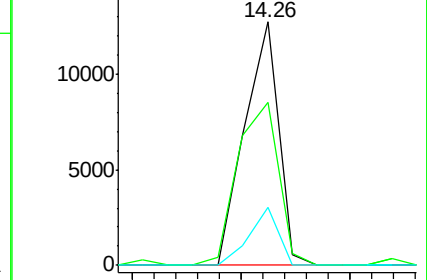
206 24.0 14.8 22.2#



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: 4.86 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.03 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

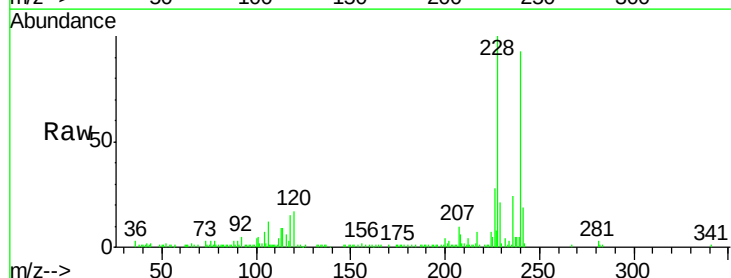
Tgt Ion:228 Resp: 76699

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.4

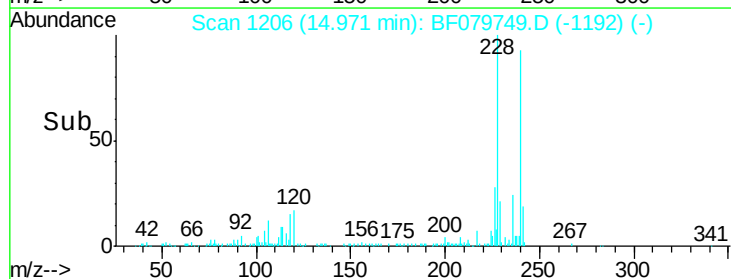
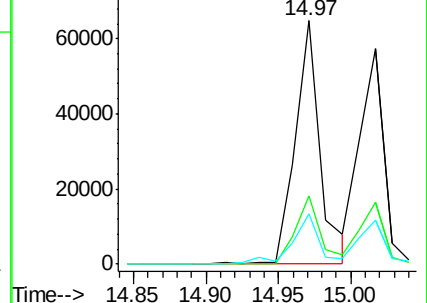
229 20.6 16.6 25.0

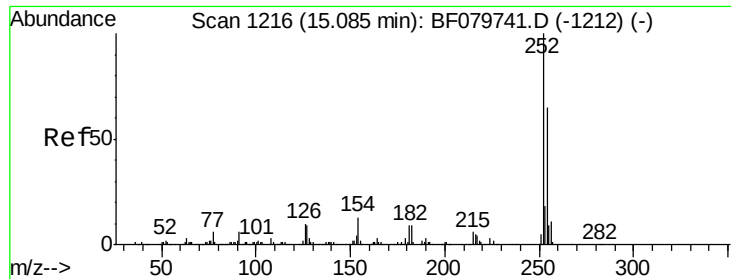


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

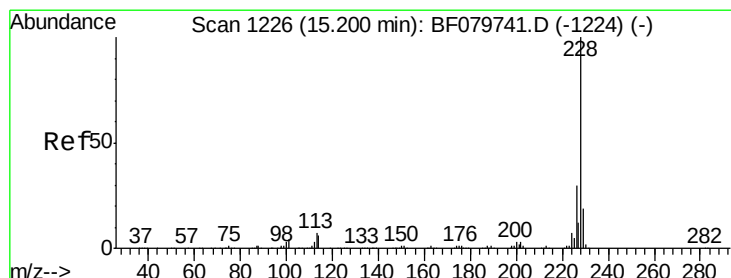
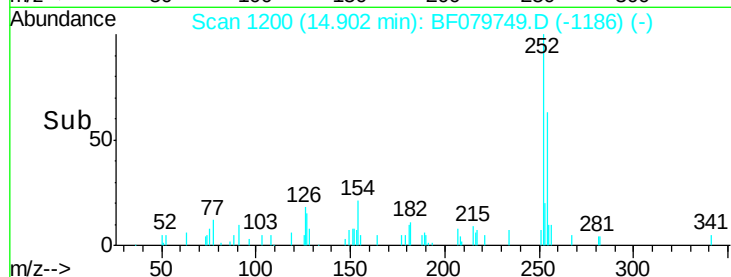
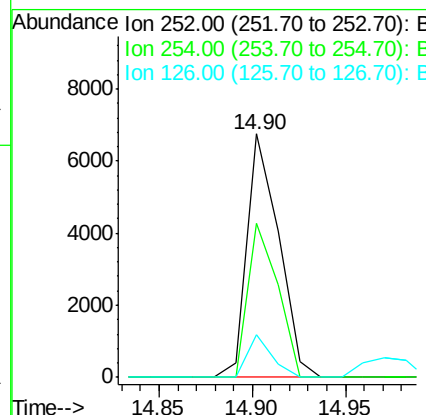
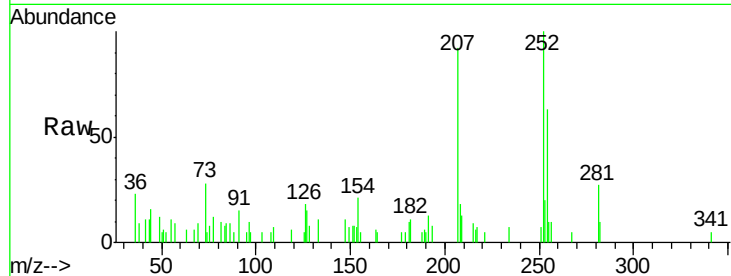




#81
 3,3'-Dichlorobenzidine
 Concen: 1.49 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

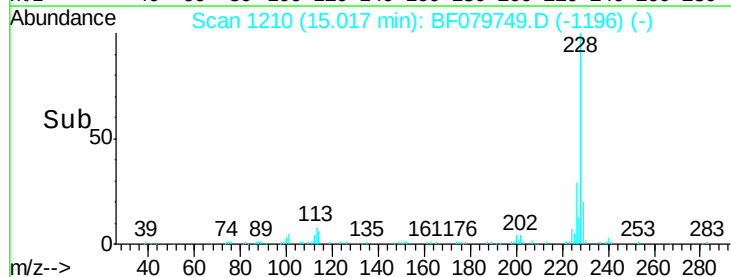
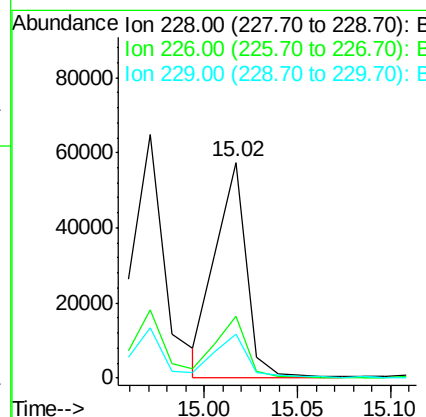
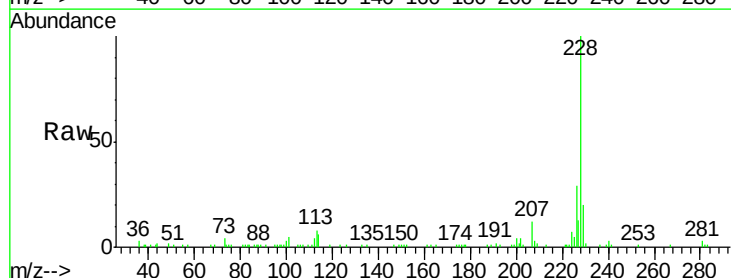
Instrument :
 BNA_F
 ClientSampleId :
 SW-024MS

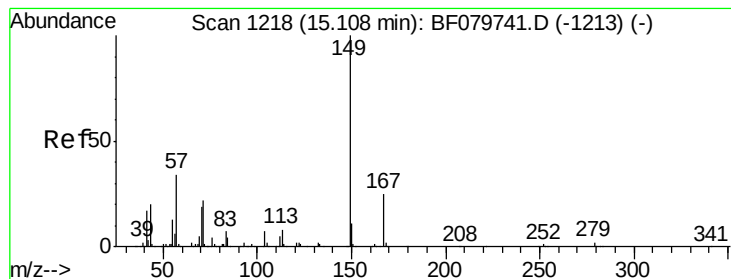
Tot Ion:252 Resp: 7997
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.0 78.0
 126 17.7 6.9 10.3#



#82
 Chrysene
 Concen: 4.63 ng
 RT: 15.02 min Scan# 1210
 Delta R.T. -0.03 min
 Lab File: BF079749.D
 Acq: 6 Jun 2015 2:06

Tgt Ion:228 Resp: 67457
 Ion Ratio Lower Upper
 228 100
 226 28.7 25.2 37.8
 229 20.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.54 ng

RT: 14.93 min Scan# 1202

Delta R.T. -0.03 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

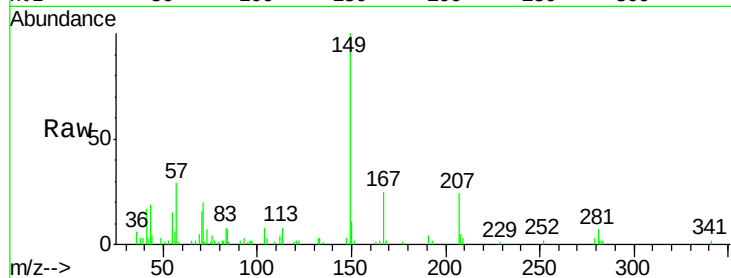
Tot Ion:149 Resp: 25322

Ion Ratio Lower Upper

149 100

167 24.8 20.9 31.3

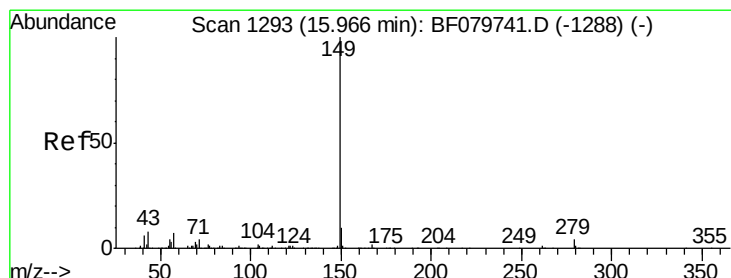
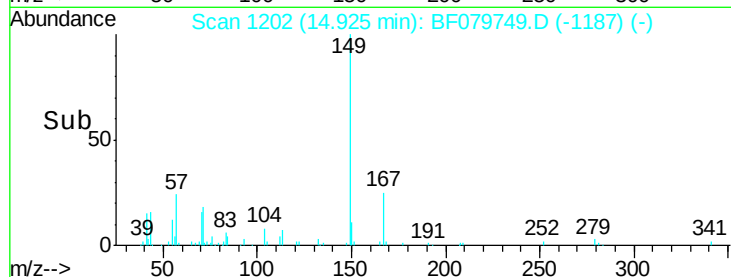
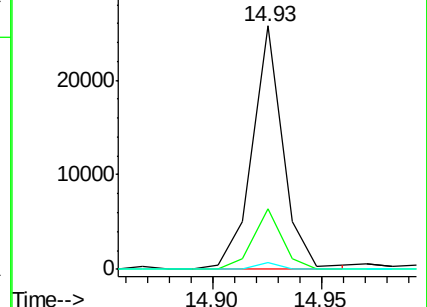
279 2.5 2.2 3.2



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: 2.41 ng

RT: 15.70 min Scan# 1270

Delta R.T. -0.05 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

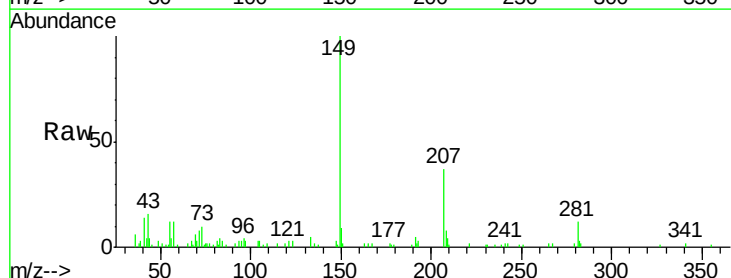
Tgt Ion:149 Resp: 42215

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

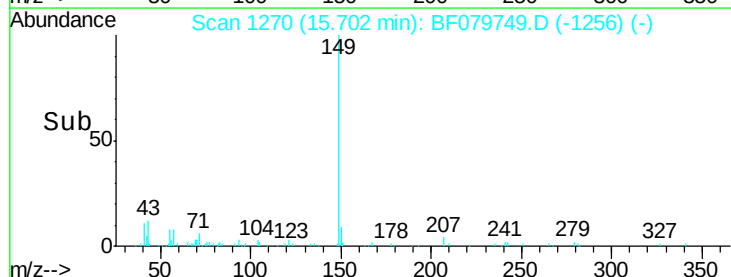
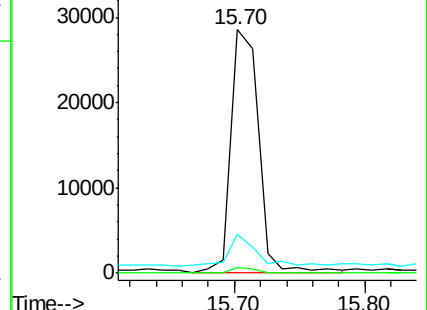
43 13.3 9.0 13.4

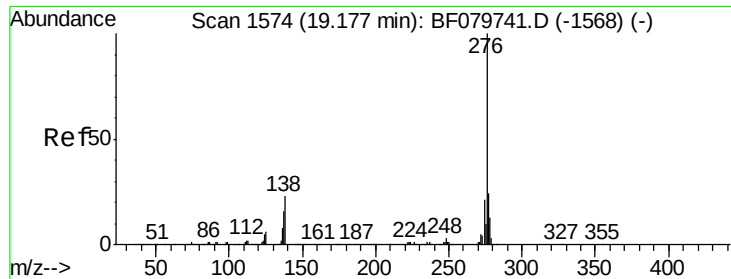


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

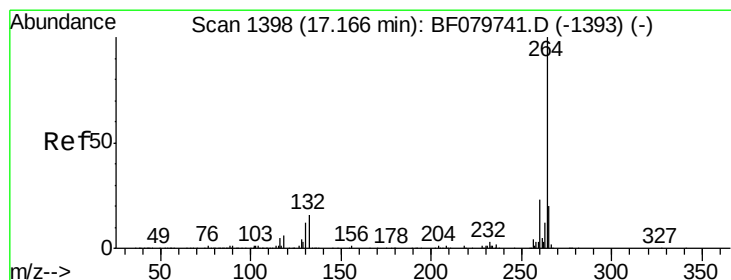
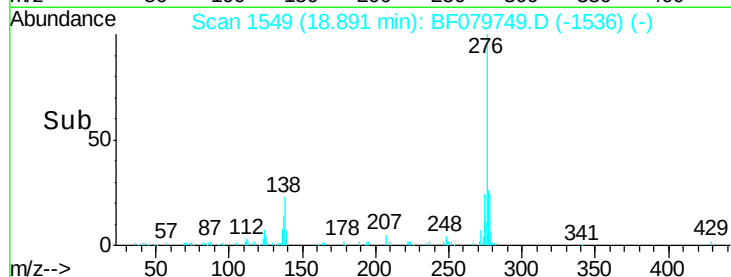
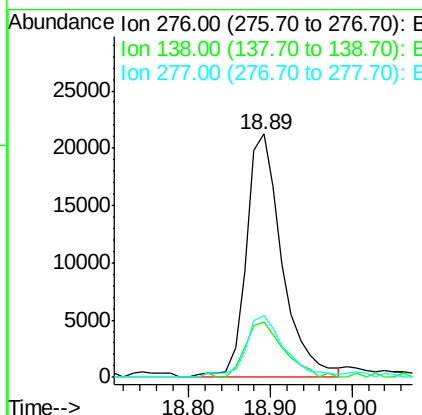
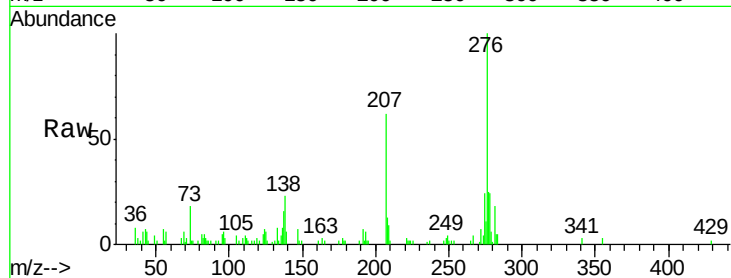




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.84 ng
RT: 18.89 min Scan# 1549
Delta R.T. -0.06 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

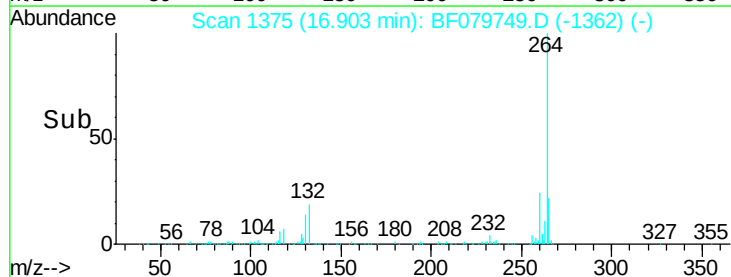
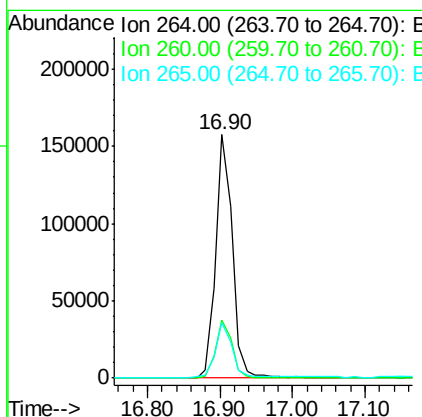
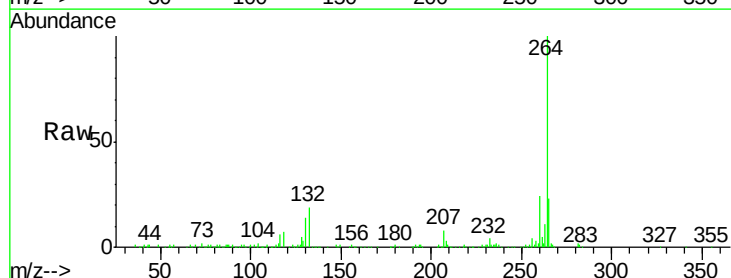
Instrument :
BNA_F
ClientSampleId :
SW-024MS

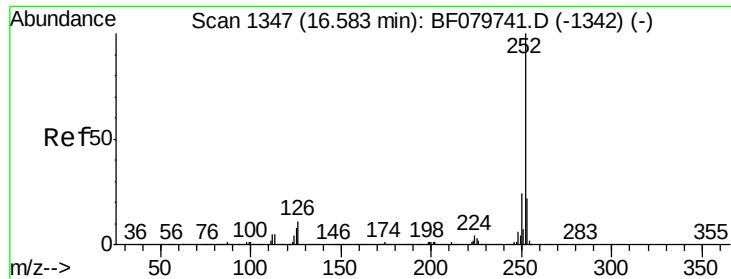
Tot Ion:276 Resp: 64766
Ion Ratio Lower Upper
276 100
138 24.9 20.8 31.2
277 27.6 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.90 min Scan# 1375
Delta R.T. -0.05 min
Lab File: BF079749.D
Acq: 6 Jun 2015 2:06

Tgt Ion:264 Resp: 251776
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 5.81 ng

RT: 16.33 min Scan# 1325

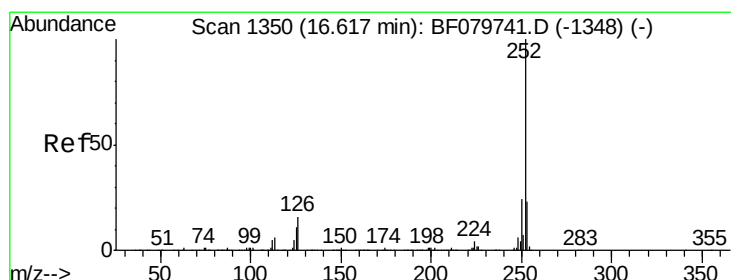
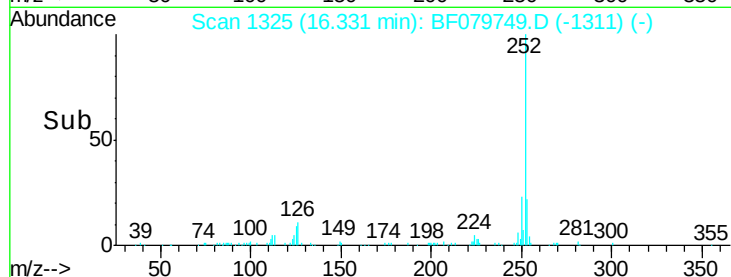
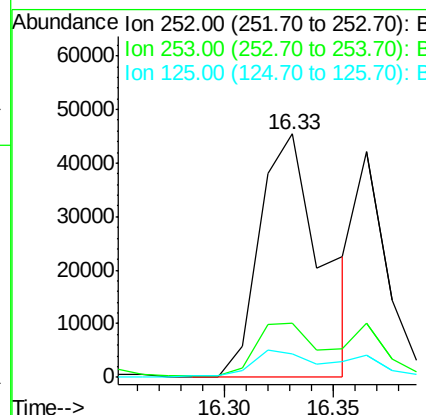
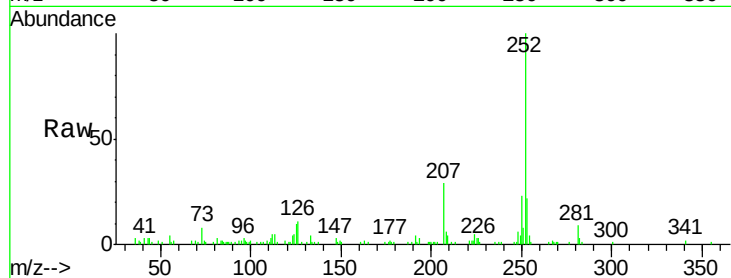
Delta R.T. -0.05 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SW-024MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.5	6.5	9.7



#88

Benzo(k)fluoranthene

Concen: 6.06 ng

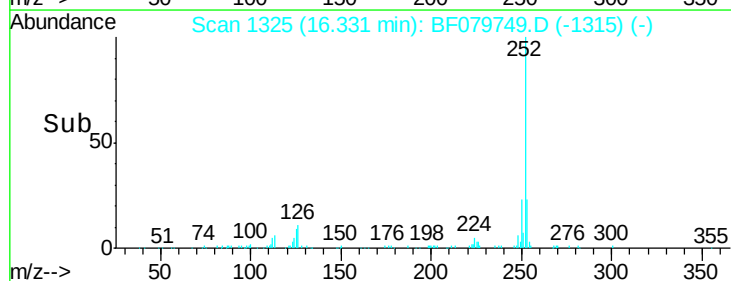
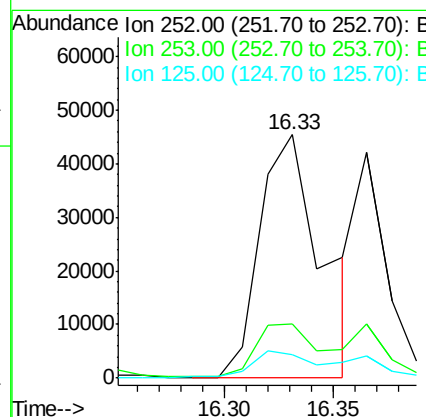
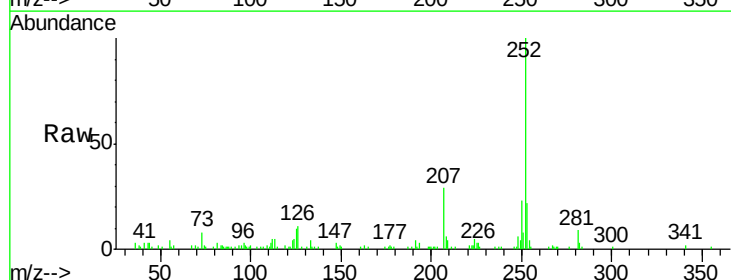
RT: 16.33 min Scan# 1325

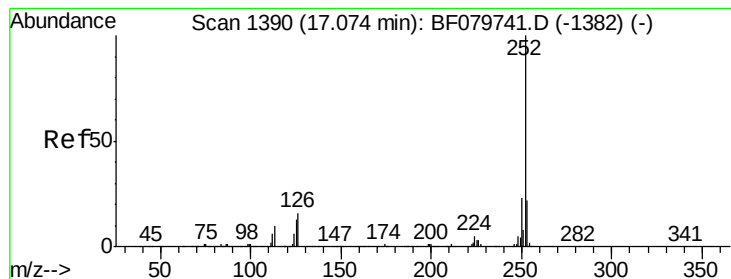
Delta R.T. -0.08 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.5	8.4	12.6





#89

Benzo(a)pyrene

Concen: 4.48 ng

RT: 16.82 min Scan# 1368

Delta R.T. -0.05 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

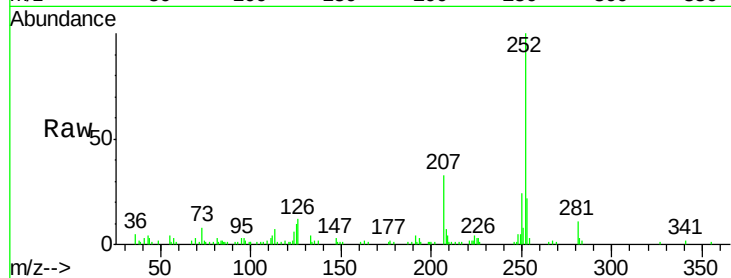
Tot Ion:252 Resp: 64681

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

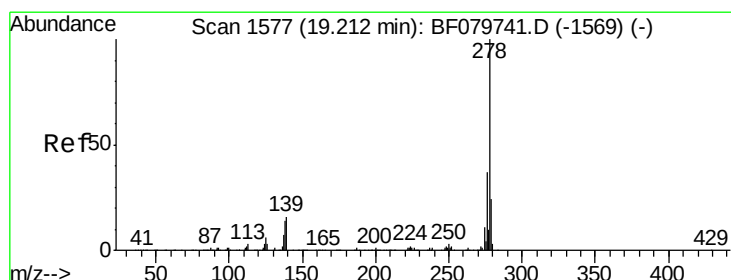
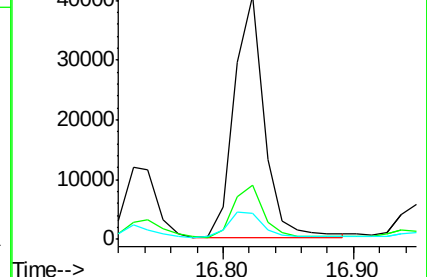
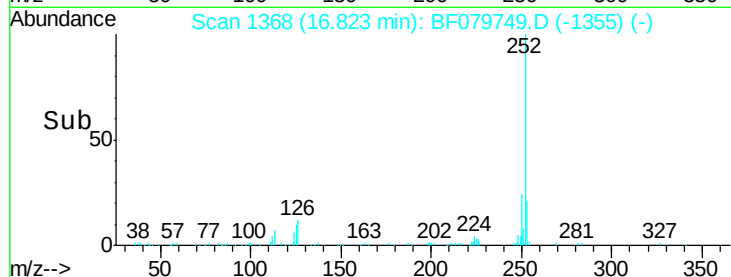
125 10.5 7.4 11.0



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: 3.03 ng

RT: 18.91 min Scan# 1551

Delta R.T. -0.06 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

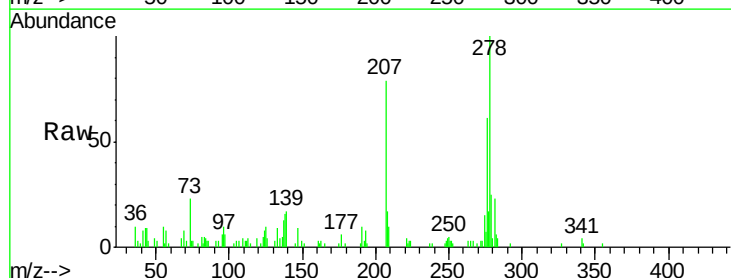
Tgt Ion:278 Resp: 42174

Ion Ratio Lower Upper

278 100

139 17.1 12.7 19.1

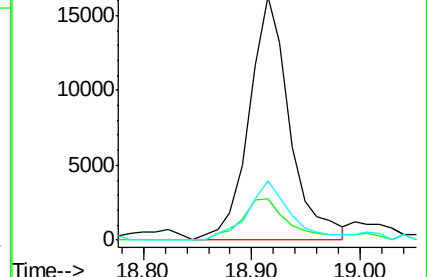
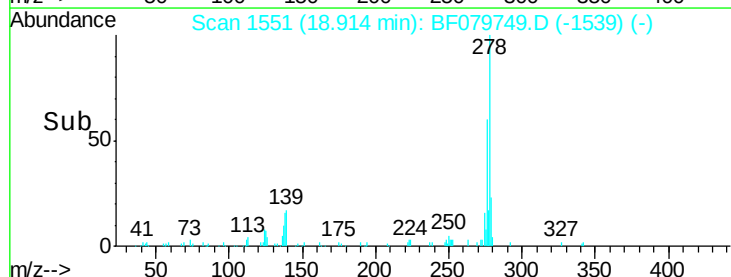
279 24.5 19.4 29.2

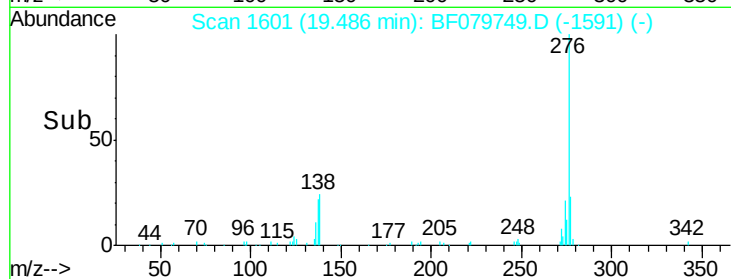
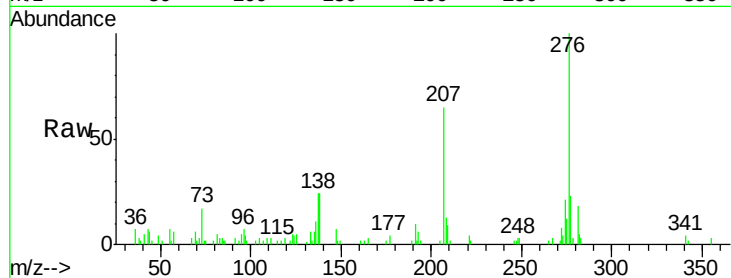
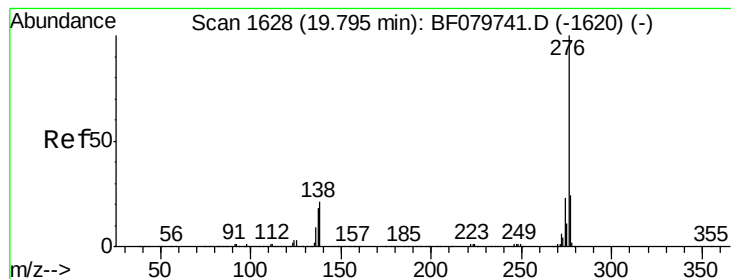


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.02 ng

RT: 19.49 min Scan# 1601

Delta R.T. -0.08 min

Lab File: BF079749.D

Acq: 6 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SW-024MS

Tot Ion:276 Resp: 57972

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 24.1 18.2 27.2

