

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079745.D
 Acq On : 5 Jun 2015 23:14
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Quant Time: Jun 08 07:36:57 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	7.50	152	51206	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	203159	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	109851	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	219699	20.00	ng	0.00
75) Chrysene-d12	14.94	240	231647	20.00	ng	-0.08
86) Perylene-d12	16.85	264	226361	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	254617	41.67	ng	0.00
7) Phenol-d6	7.08	99	318450	40.35	ng	0.00
23) Nitrobenzene-d5	8.04	82	282371	42.67	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	79071	37.63	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	592304	36.52	ng	0.00
78) Terphenyl-d14	13.71	244	808181	39.95	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	53554	39.61	ng	98
3) Pyridine	4.26	79	159625	42.22	ng	96
4) n-Nitrosodimethylamine	4.18	42	65261	39.77	ng	98
6) Aniline	7.14	93	231095	40.35	ng	97
8) 2-Chlorophenol	7.27	128	131372	39.72	ng	93
9) Benzaldehyde	7.04	77	101298	39.64	ng	81
10) Phenol	7.10	94	180124	41.93	ng	98
11) bis(2-Chloroethyl)ether	7.20	93	141910	42.61	ng	98
12) 1,3-Dichlorobenzene	7.44	146	160945	38.87	ng	# 90
13) 1,4-Dichlorobenzene	7.51	146	179138	40.78	ng	98
14) 1,2-Dichlorobenzene	7.67	146	164950	40.19	ng	98
15) Benzyl Alcohol	7.61	79	130491	40.01	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.75	45	202634	40.23	ng	98
17) 2-Methylphenol	7.71	107	125962	40.84	ng	96
18) Hexachloroethane	8.01	117	51773	40.56	ng	90
19) n-Nitroso-di-n-propylamine	7.87	70	112863	41.22	ng	98
20) 3+4-Methylphenols	7.86	107	157707	40.12	ng	98
22) Acetophenone	7.88	105	207909	42.90	ng	98
24) Nitrobenzene	8.07	77	141047	42.73	ng	# 74
25) Isophorone	8.30	82	280694	41.56	ng	98
26) 2-Nitrophenol	8.39	139	58785	42.29	ng	97
27) 2,4-Dimethylphenol	8.40	122	136487	43.63	ng	96
28) bis(2-Chloroethoxy)methane	8.50	93	165475	39.65	ng	# 97
29) 2,4-Dichlorophenol	8.63	162	115505	41.16	ng	87
30) 1,2,4-Trichlorobenzene	8.72	180	144943	42.53	ng	97
31) Naphthalene	8.81	128	430723	40.41	ng	98
32) Benzoic acid	8.46	122	52326	43.56	ng	95
33) 4-Chloroaniline	8.83	127	230299	42.53	ng	# 93
34) Hexachlorobutadiene	8.92	225	82495	39.79	ng	96
35) Caprolactam	9.18	113	37312	43.65	ng	# 72
36) 4-Chloro-3-methylphenol	9.30	107	130085	41.48	ng	88
37) 2-Methylnaphthalene	9.50	142	285890	42.19	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	136164	39.80	ng	98
40) Hexachlorocyclopentadiene	9.66	237	60402	41.06	ng	97

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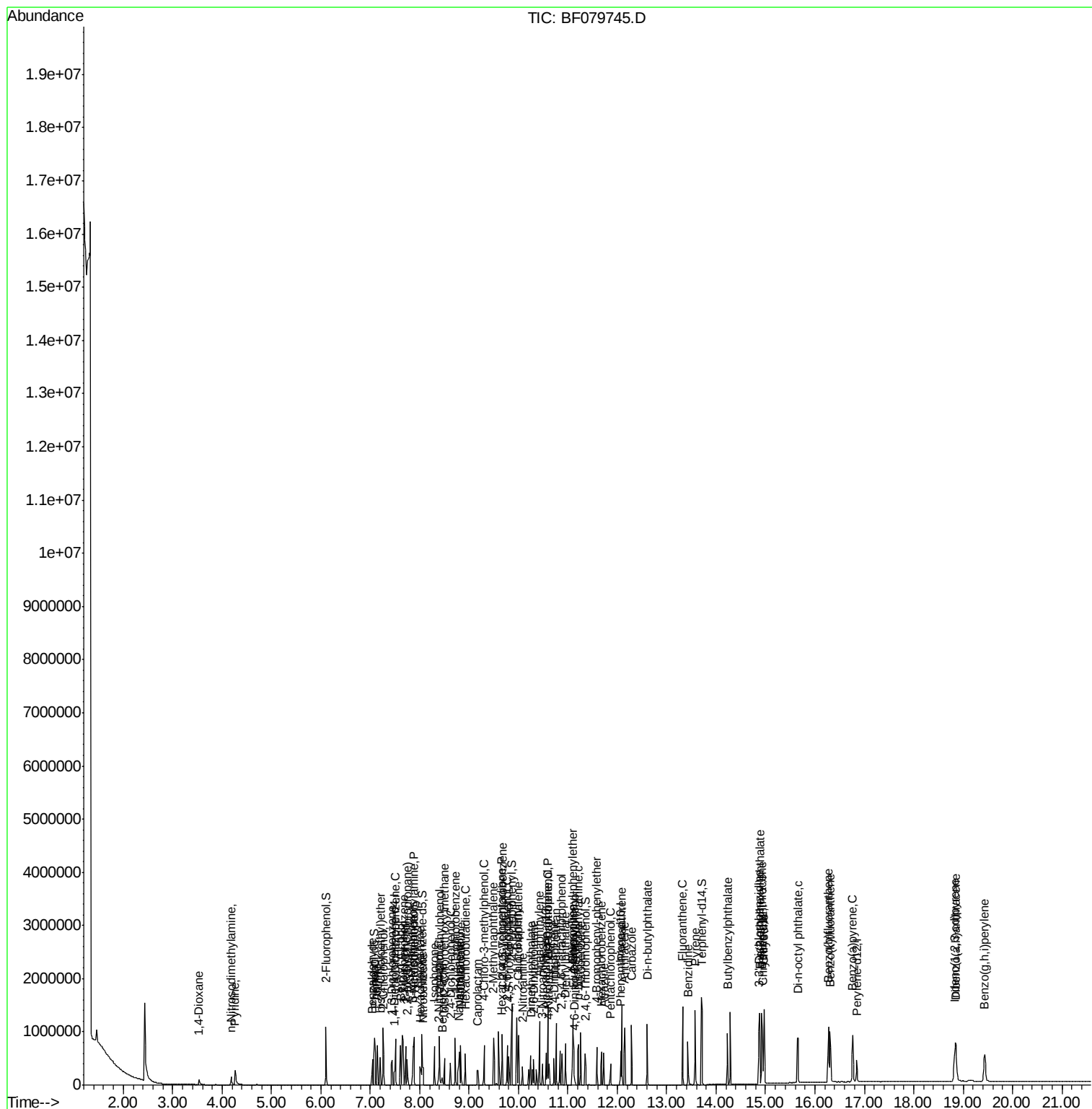
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	92406	40.61	nq	100
43) 2,4,5-Trichlorophenol	9.80	196	91051	38.03	nq	# 88
45) 1,1'-Biphenyl	9.96	154	375647	39.31	nq	99
46) 2-Chloronaphthalene	10.00	162	289744	37.14	nq	# 92
47) 2-Nitroaniline	10.08	65	61267	37.43	nq	# 58
48) Acenaphthylene	10.42	152	495956	38.45	nq	99
49) Dimethylphthalate	10.25	163	316066	37.35	nq	# 96
50) 2,6-Dinitrotoluene	10.31	165	52613	39.26	nq	# 76
51) Acenaphthene	10.59	154	285851	39.13	nq	99
52) 3-Nitroaniline	10.48	138	66937	37.46	nq	85
53) 2,4-Dinitrophenol	10.59	184	13112	39.50	nq	# 1
54) Dibenzofuran	10.76	168	419829	40.57	nq	97
55) 4-Nitrophenol	10.62	139	55949	41.91	nq	# 83
56) 2,4-Dinitrotoluene	10.72	165	73926	44.68	nq	# 74
57) Fluorene	11.11	166	330226	36.88	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.88	232	79829	42.98	nq	95
59) Diethylphthalate	10.95	149	310168	37.48	nq	96
60) 4-Chlorophenyl-phenylether	11.10	204	155945	38.42	nq	# 83
61) 4-Nitroaniline	11.10	138	67632	39.40	nq	98
62) Azobenzene	11.26	77	335271	40.09	nq	87
64) 4,6-Dinitro-2-methylphenol	11.13	198	20375	39.10	nq	# 58
65) n-Nitrosodiphenylamine	11.21	169	273522	37.27	nq	98
66) 4-Bromophenyl-phenylether	11.59	248	89264	37.52	nq	# 88
67) Hexachlorobenzene	11.68	284	105873	39.57	nq	# 96
68) Atrazine	11.73	200	93661	42.47	nq	98
69) Pentachlorophenol	11.86	266	49347	43.23	nq	97
70) Phenanthrene	12.09	178	523717	40.72	nq	99
71) Anthracene	12.15	178	517321	40.79	nq	100
72) Carbazole	12.29	167	464121	38.50	nq	98
73) Di-n-butylphthalate	12.61	149	557035	40.76	nq	# 80
74) Fluoranthene	13.33	202	572431	40.64	nq	99
76) Benzidine	13.43	184	300286	41.07	nq	99
77) Pyrene	13.58	202	593336	41.78	nq	98
79) Butylbenzylphthalate	14.23	149	241983	42.74	nq	# 81
80) Benzo(a)anthracene	14.93	228	562705	39.68	nq	99
81) 3,3'-Dichlorobenzidine	14.87	252	206888	42.95	nq	99
82) Chrysene	14.97	228	532692	40.64	nq	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	367987	41.14	nq	100
84) Di-n-octyl phthalate	15.66	149	633949	40.24	nq	97
85) Indeno(1,2,3-cd)pyrene	18.83	276	628983	41.45	nq	100
87) Benzo(b)fluoranthene	16.27	252	610061	43.38	nq	98
88) Benzo(k)fluoranthene	16.31	252	508733	37.72	nq	99
89) Benzo(a)pyrene	16.77	252	523054	40.29	nq	99
90) Dibenzo(a,h)anthracene	18.86	278	497172	39.69	nq	98
91) Benzo(g,h,i)perylene	19.44	276	515806	39.82	nq	99

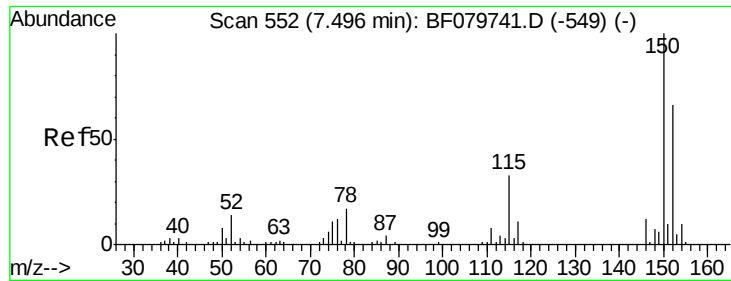
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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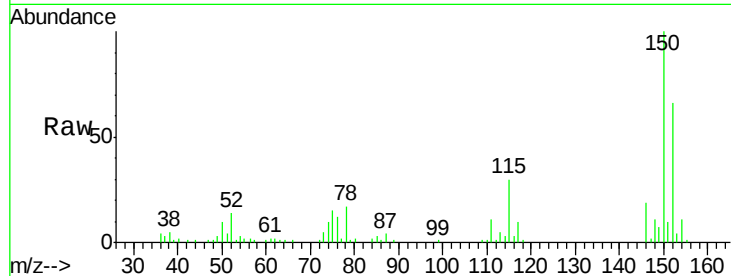


#1

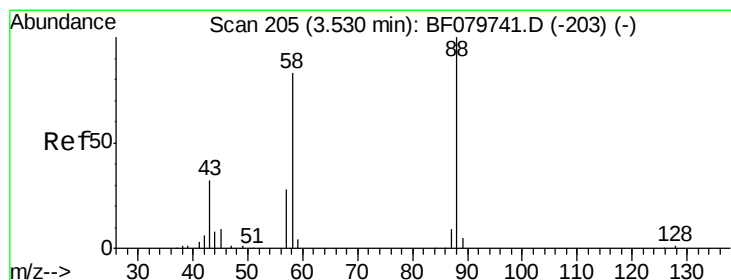
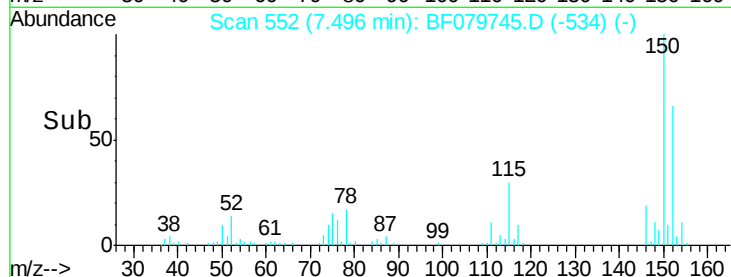
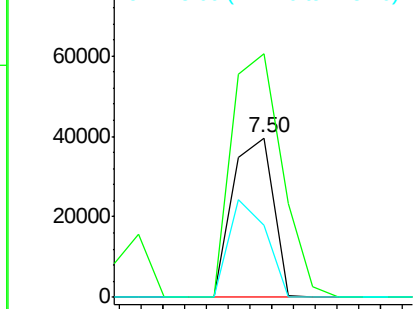
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:152 Resp: 51206
Ion Ratio Lower Upper
152 100
150 152.4 128.1 192.1
115 45.1 49.7 74.5#



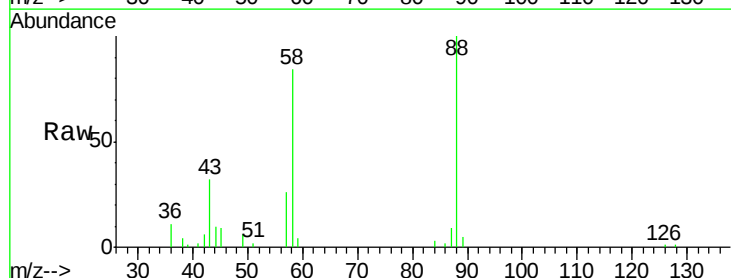
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



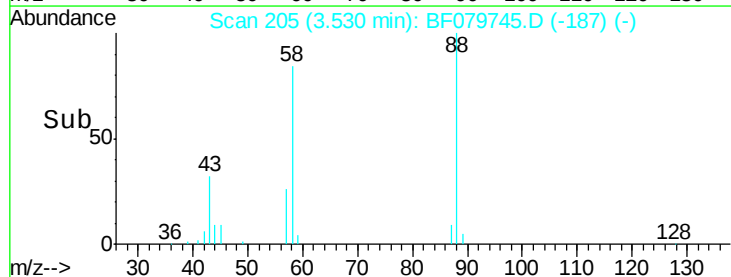
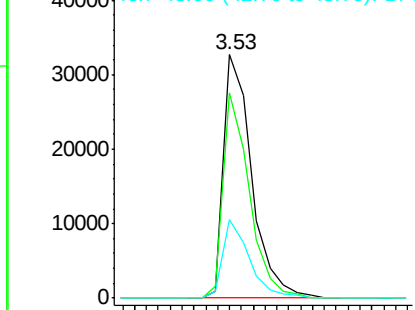
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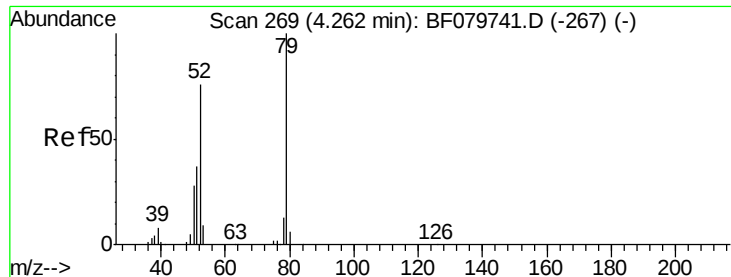
1,4-Dioxane
Concen: 39.61 ng
RT: 3.53 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion: 88 Resp: 53554
Ion Ratio Lower Upper
88 100
58 78.0 64.2 96.4
43 30.7 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: 42.22 ng

RT: 4.26 min Scan# 269

Delta R.T. 0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

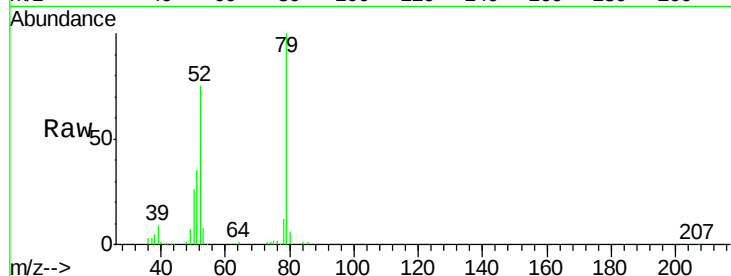
Tot Ion: 79 Resp: 159625

Ion Ratio Lower Upper

79 100

52 74.7 63.1 94.7

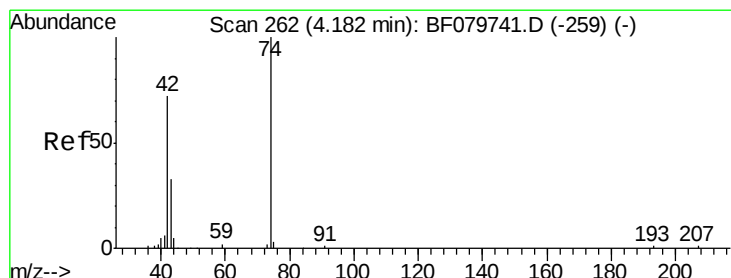
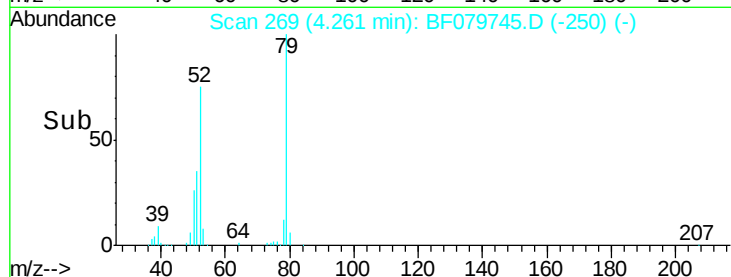
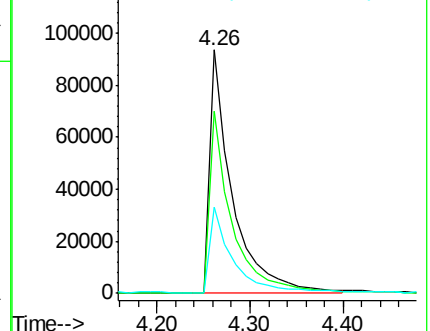
51 35.2 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.77 ng

RT: 4.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

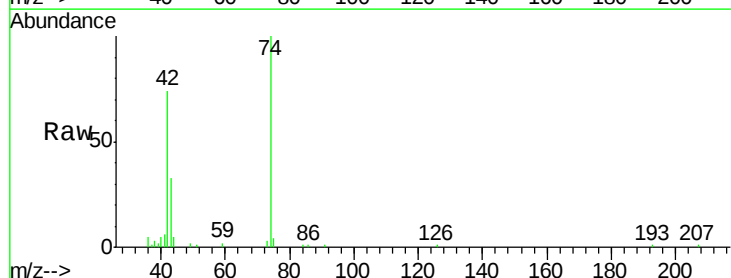
Tgt Ion: 42 Resp: 65261

Ion Ratio Lower Upper

42 100

74 135.8 110.6 165.8

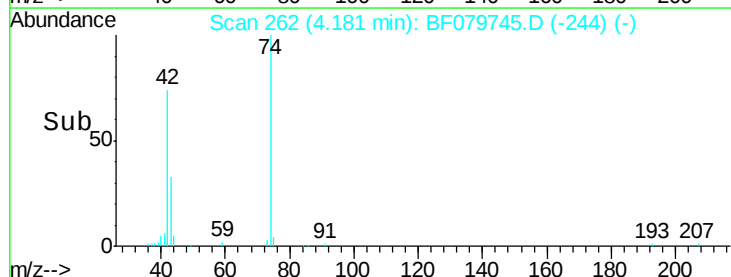
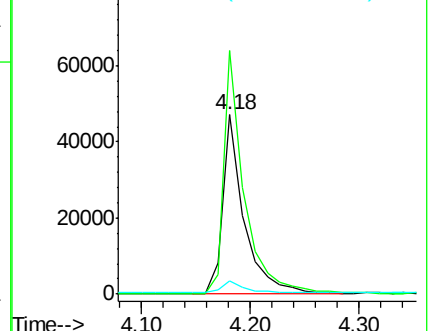
44 7.1 6.2 9.2

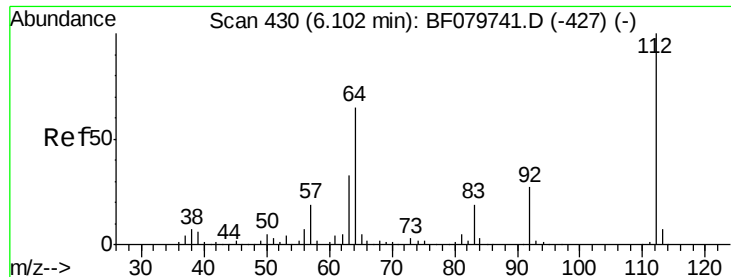


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 41.67 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

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Acq: 5 Jun 2015 23:14

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ClientSampleId :

ICVBF060515

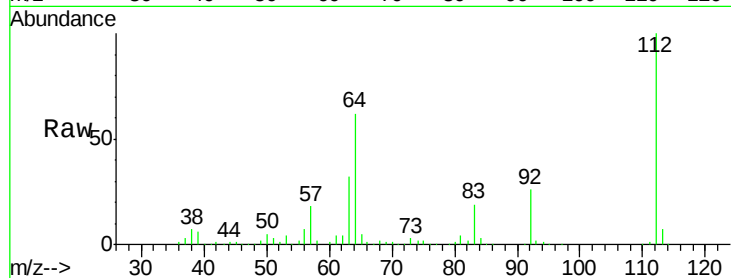
Tot Ion:112 Resp: 254617

Ion Ratio Lower Upper

112 100

64 61.6 49.6 74.4

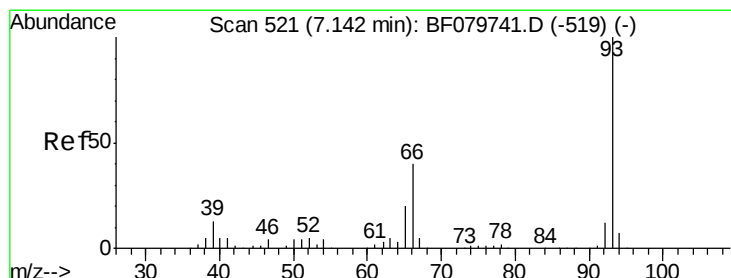
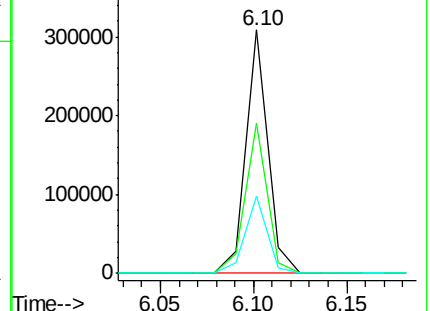
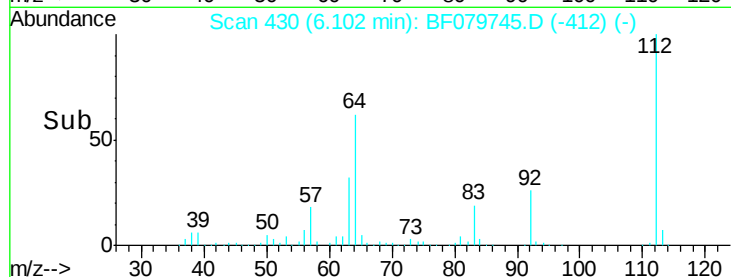
63 31.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.35 ng

RT: 7.14 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

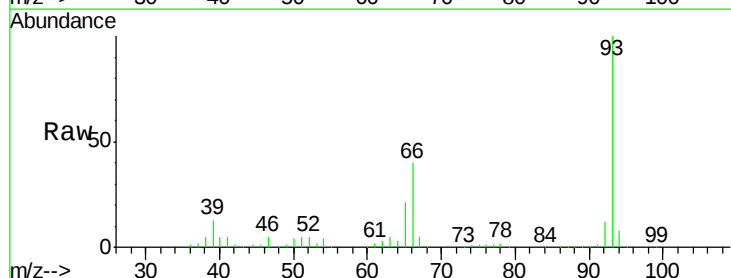
Tgt Ion: 93 Resp: 231095

Ion Ratio Lower Upper

93 100

66 39.9 30.3 45.5

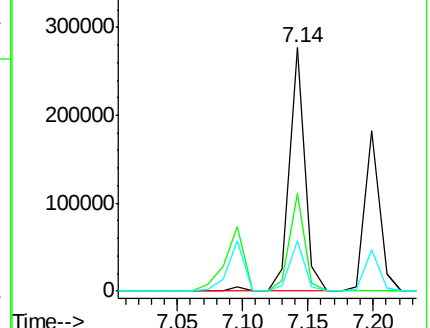
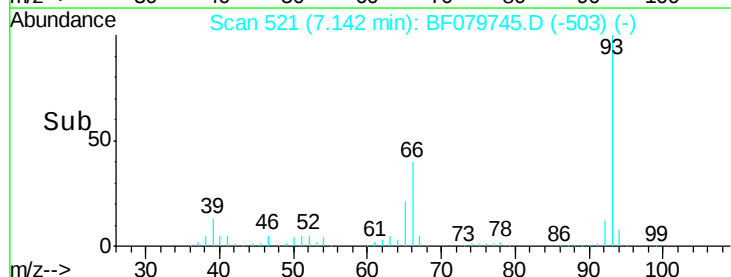
65 20.7 15.8 23.6

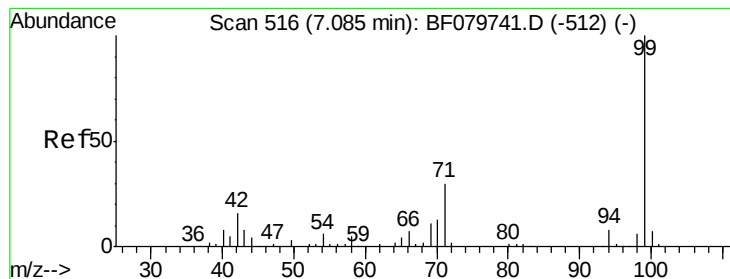


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.35 ng

RT: 7.08 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

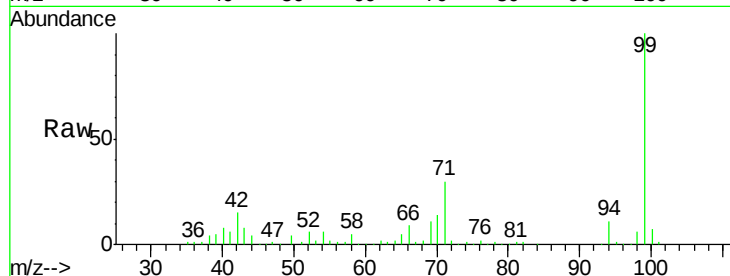
BNA_F

ClientSampleId :

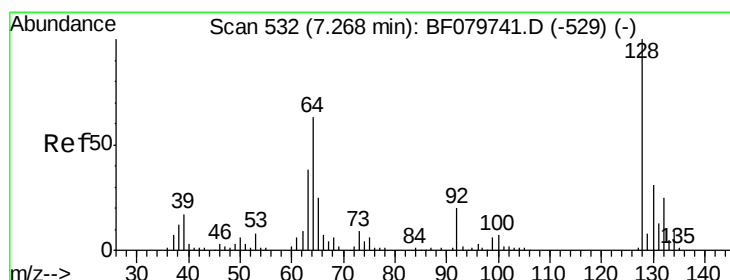
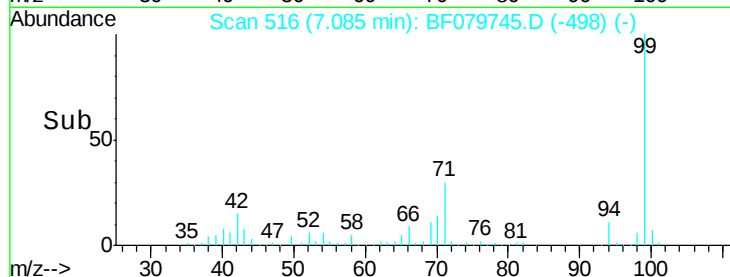
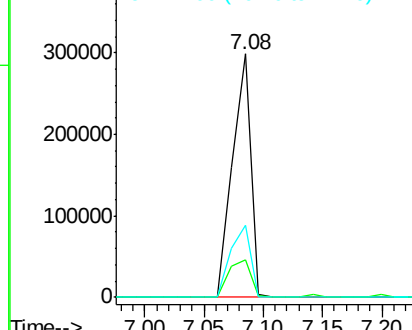
ICVBF060515

Tot Ion: 99 Resp: 318450

Ion	Ratio	Lower	Upper
99	100		
42	15.4	18.0	27.0#
71	29.5	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: 39.72 ng

RT: 7.27 min Scan# 532

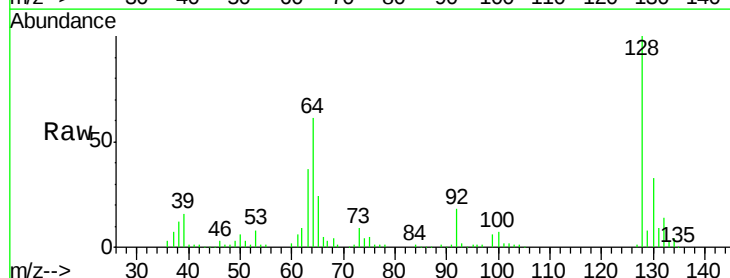
Delta R.T. -0.01 min

Lab File: BF079745.D

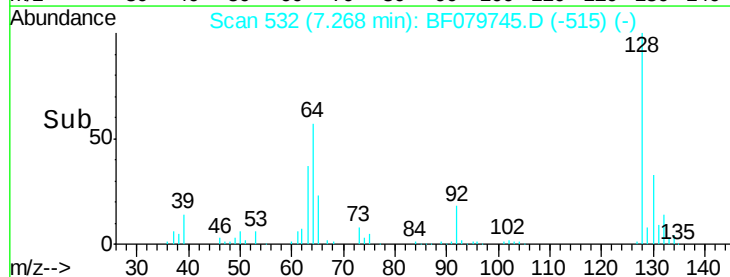
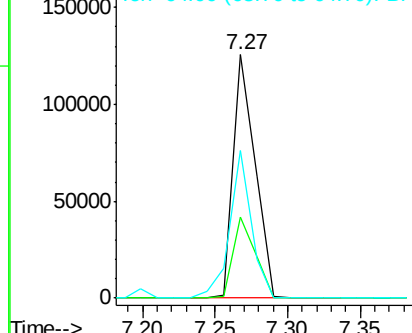
Acq: 5 Jun 2015 23:14

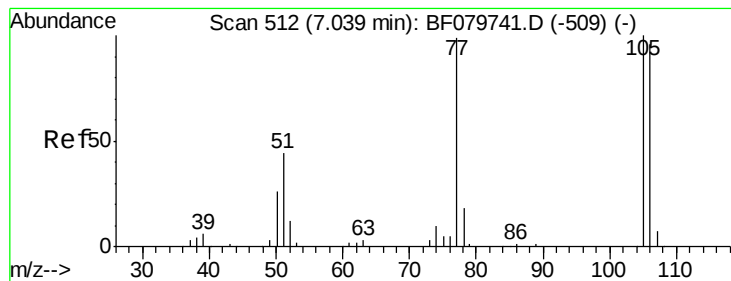
Tgt Ion: 128 Resp: 131372

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.3	52.3
64	60.6	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: 39.64 ng

RT: 7.04 min Scan# 512

Delta R.T. 0.00 min

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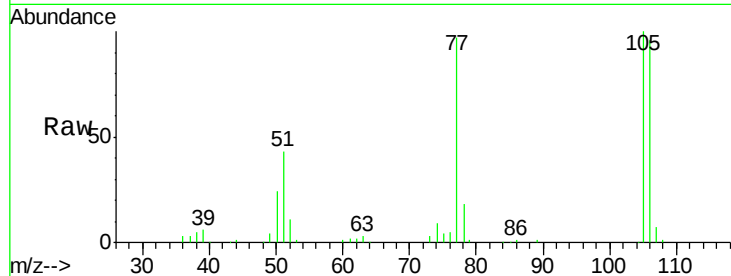
Tot Ion: 77 Resp: 101298

Ion Ratio Lower Upper

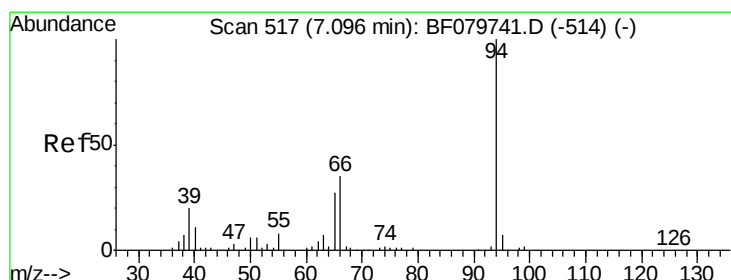
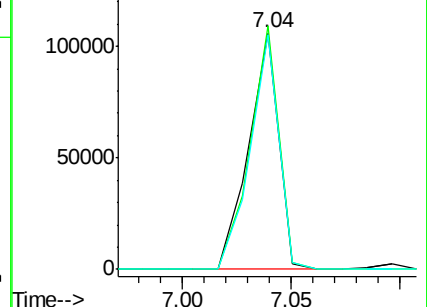
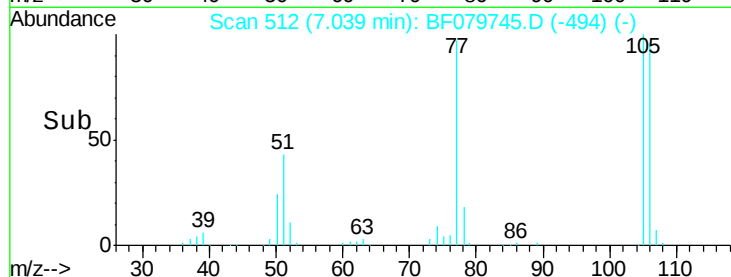
77 100

105 103.1 66.1 106.1

106 99.3 61.9 101.9



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



#10

Phenol

Concen: 41.93 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

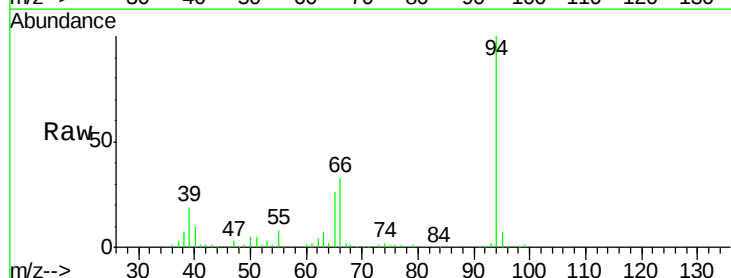
Tgt Ion: 94 Resp: 180124

Ion Ratio Lower Upper

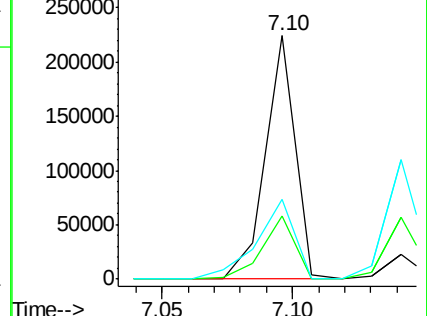
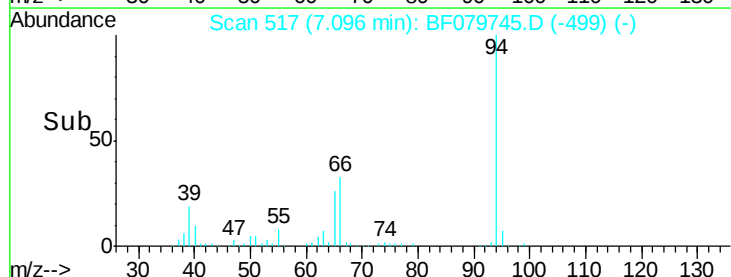
94 100

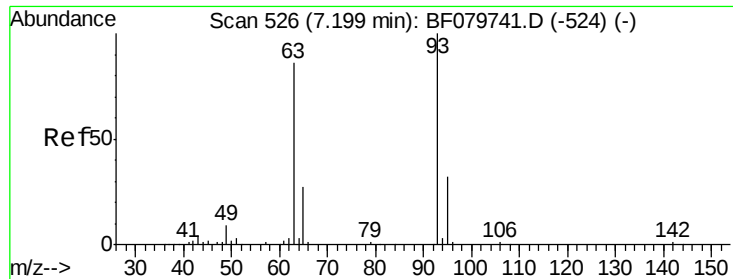
65 25.8 5.3 45.3

66 32.6 11.3 51.3



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

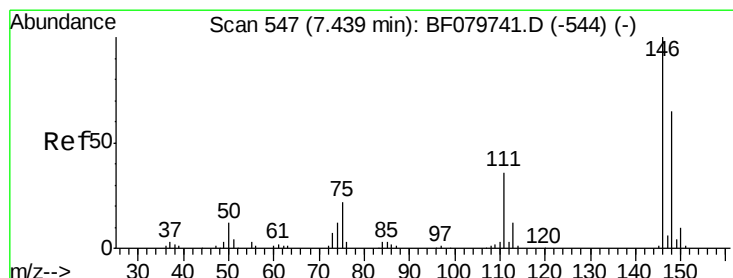
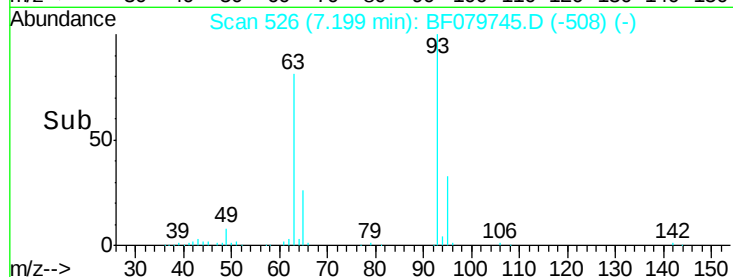
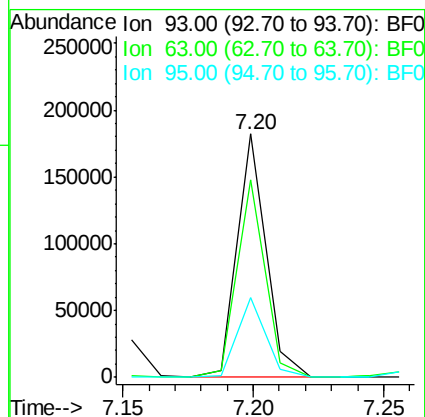
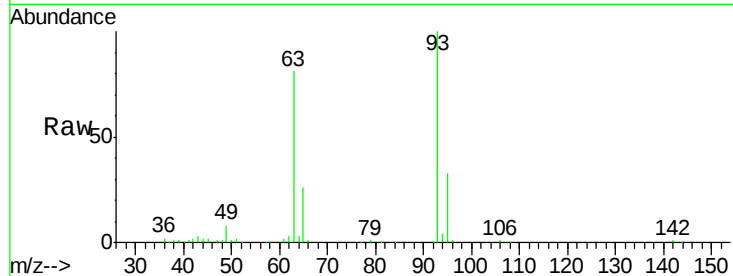




#11
bis(2-Chloroethyl)ether
Concen: 42.61 ng
RT: 7.20 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

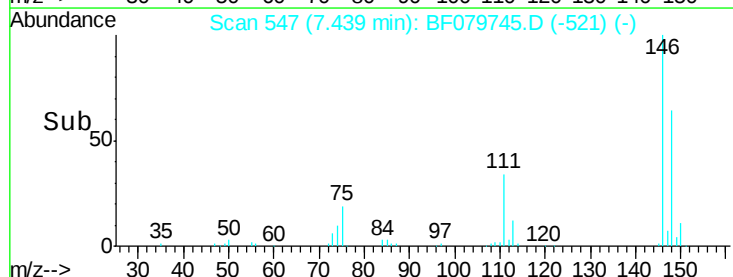
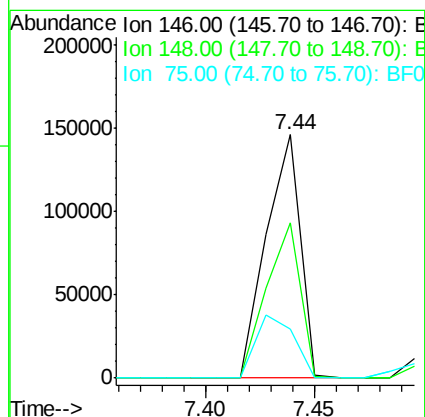
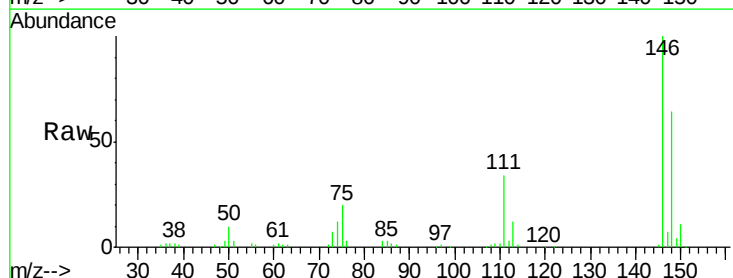
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

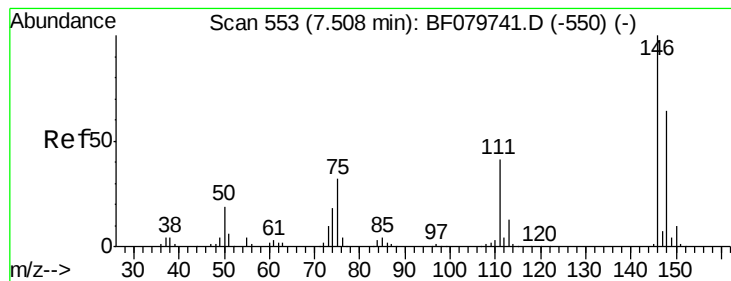
Tot Ion: 93 Resp: 141910
Ion Ratio Lower Upper
93 100
63 81.3 58.7 98.7
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion: 146 Resp: 160945
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
75 20.3 29.0 43.6#





#13

1,4-Dichlorobenzene

Concen: 40.78 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

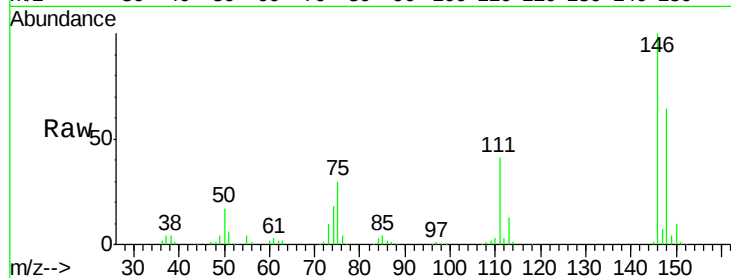
Tot Ion:146 Resp: 179138

Ion Ratio Lower Upper

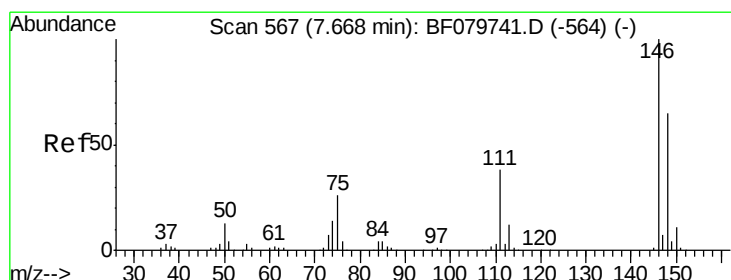
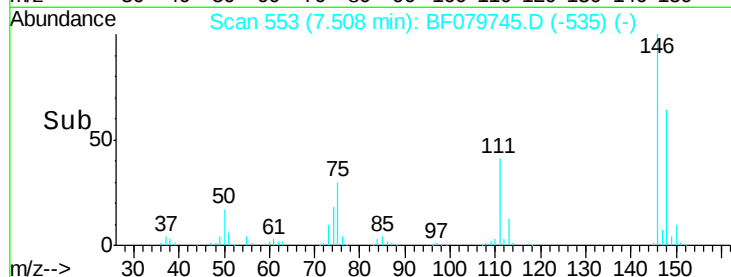
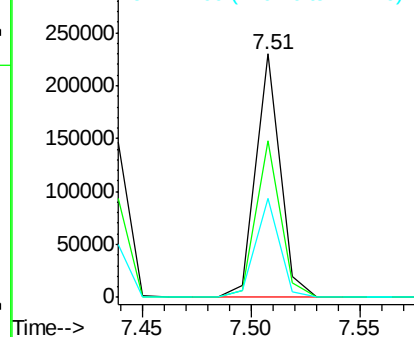
146 100

148 64.3 51.4 77.0

111 40.7 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: 40.19 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

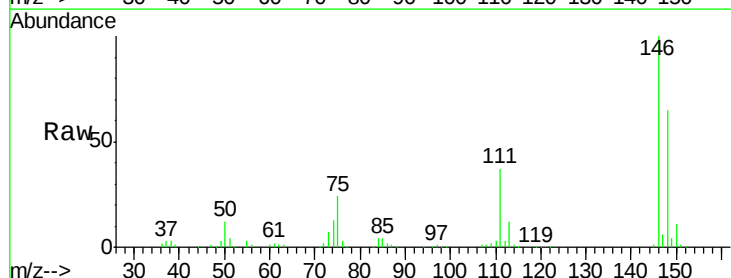
Tgt Ion:146 Resp: 164950

Ion Ratio Lower Upper

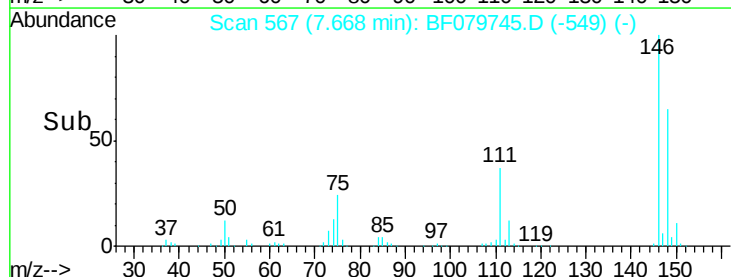
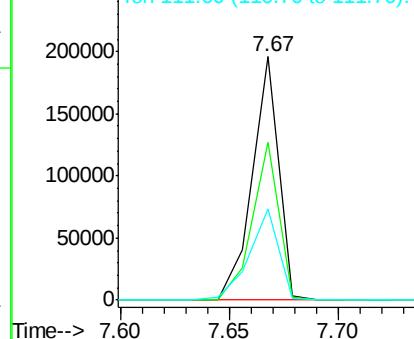
146 100

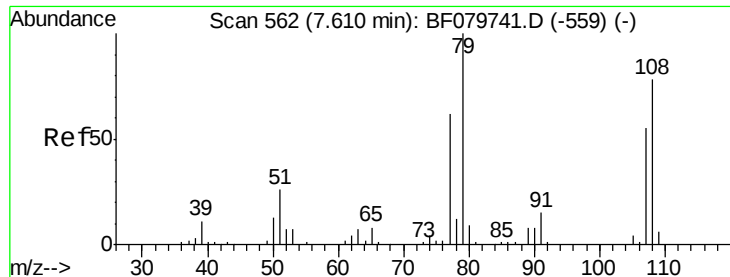
148 65.0 52.2 78.4

111 37.3 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: 40.01 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

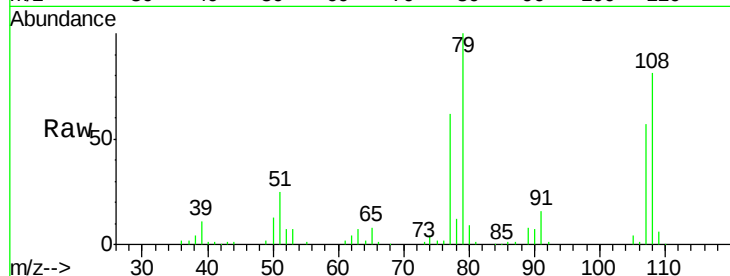
Tot Ion: 79 Resp: 130491

Ion Ratio Lower Upper

79 100

108 80.7 68.4 102.6

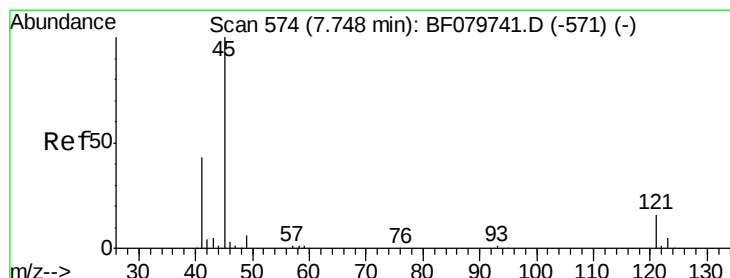
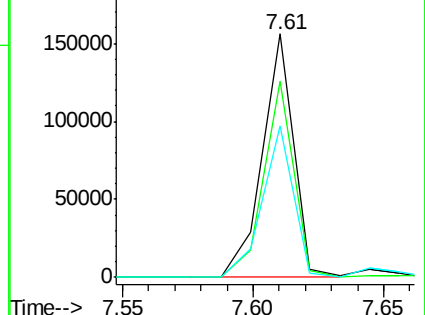
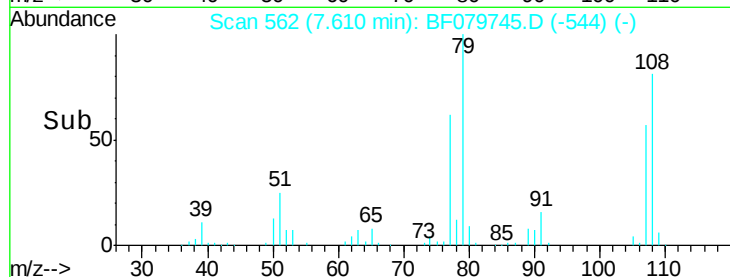
77 62.3 50.0 75.0



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: 40.23 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

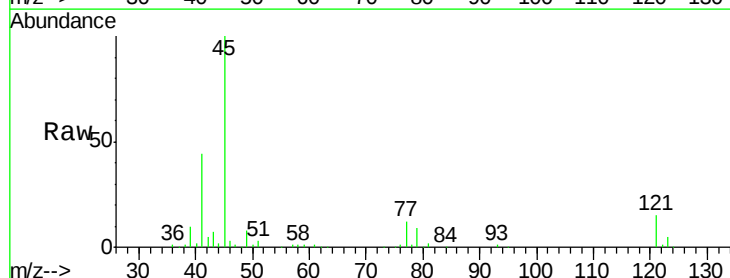
Tgt Ion: 45 Resp: 202634

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.7

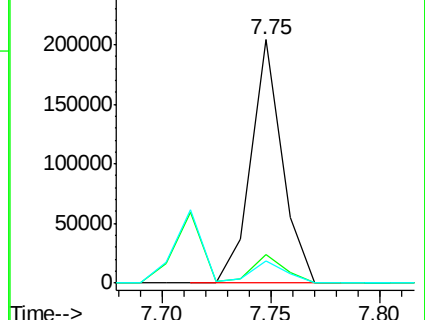
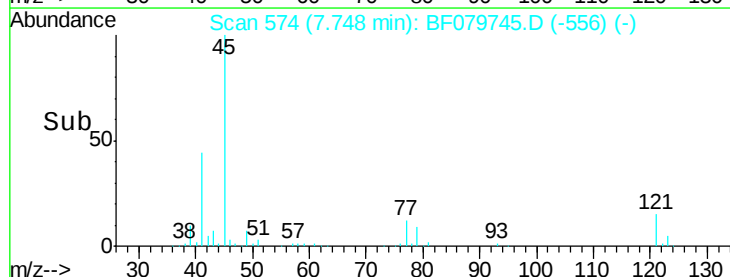
79 9.3 0.0 29.9

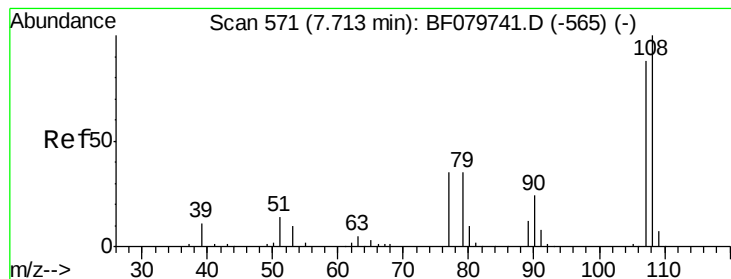


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

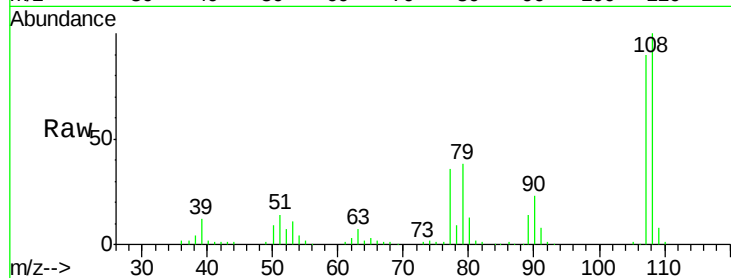




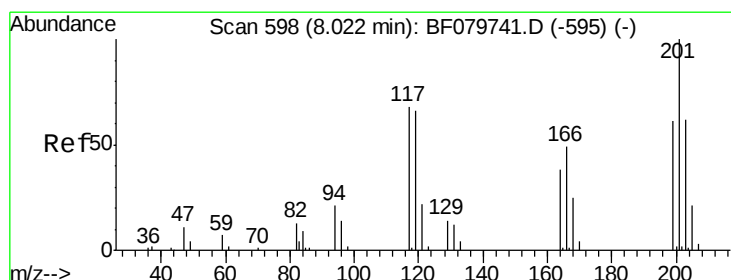
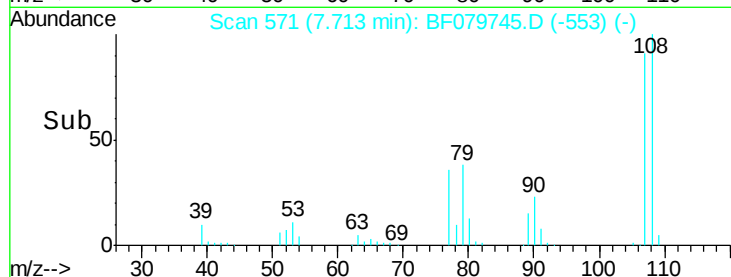
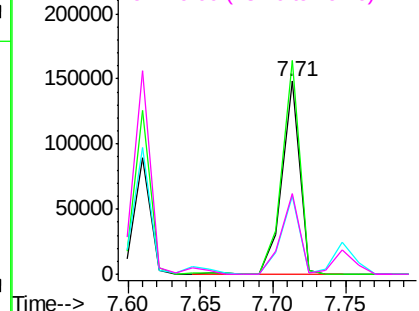
#17
2-Methylphenol
Concen: 40.84 ng
RT: 7.71 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:	107	Resp:	125962
Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.8	137.8
77	40.3	31.4	47.2
79	41.8	31.3	46.9

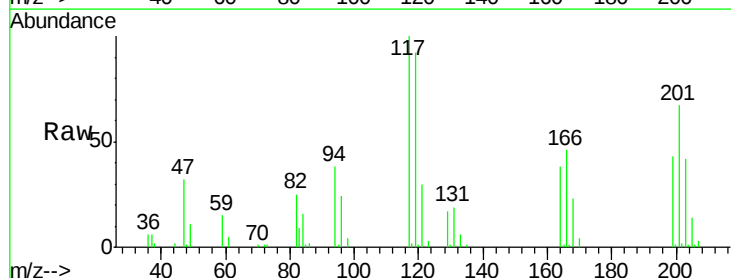


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

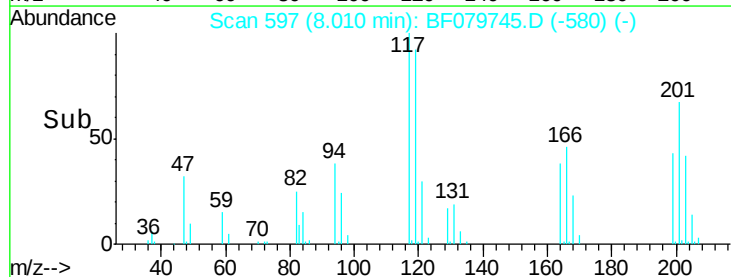
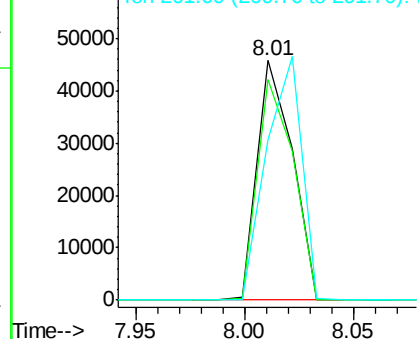


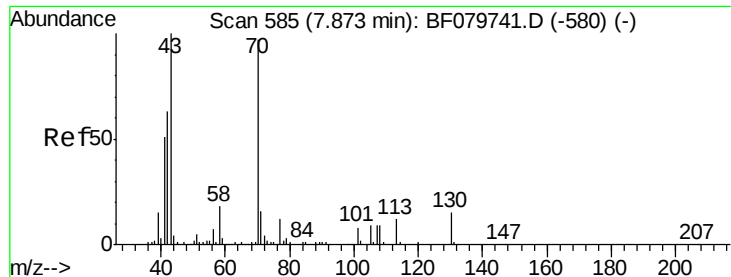
#18
Hexachloroethane
Concen: 40.56 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:	117	Resp:	51773
Ion	Ratio	Lower	Upper
117	100		
119	92.2	75.5	113.3
201	67.0	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

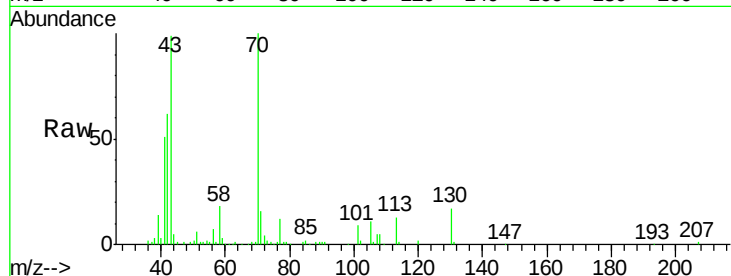




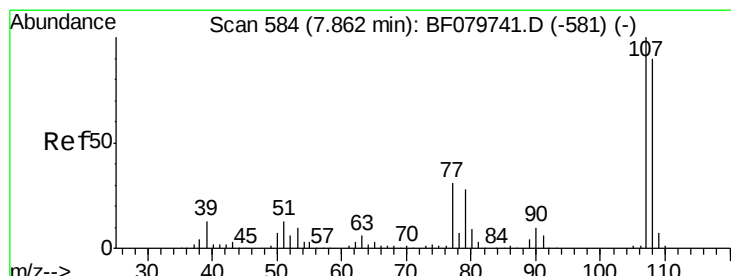
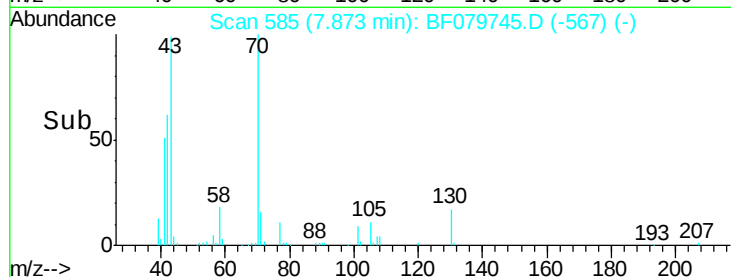
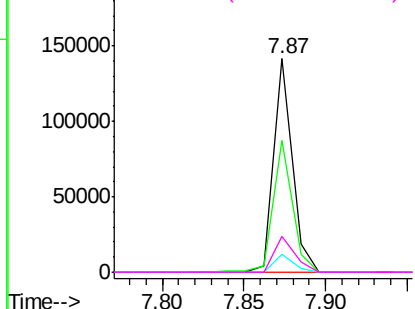
#19
n-Nitroso-di-n-propylamine
Concen: 41.22 ng
RT: 7.87 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:	70	Resp:	112863
Ion	Ratio	Lower	Upper
70	100		
42	61.6	51.1	76.7
101	8.6	7.0	10.6
130	16.8	13.3	19.9

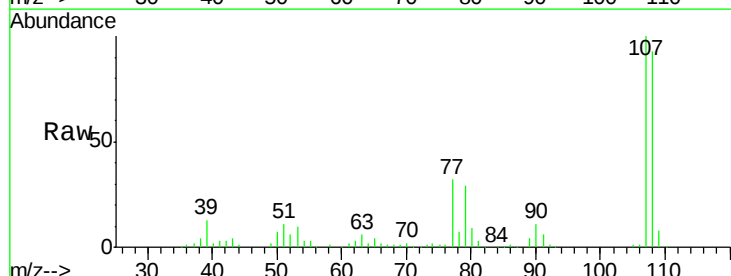


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

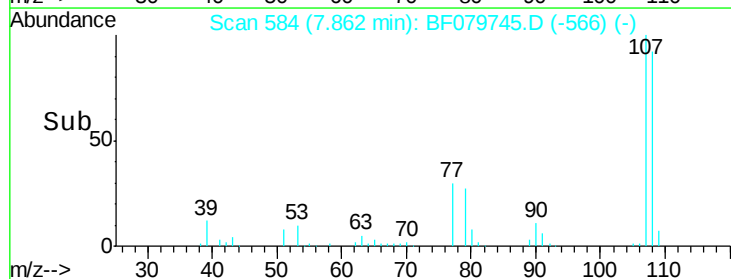
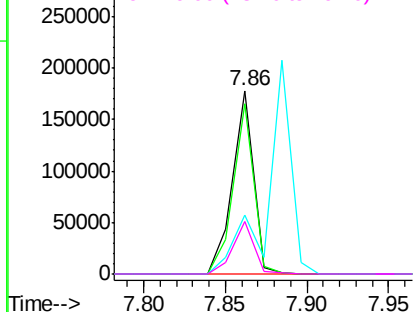


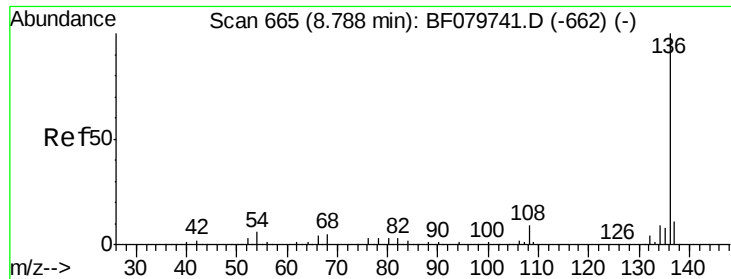
#20
3+4-Methylphenols
Concen: 40.12 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:	107	Resp:	157707
Ion	Ratio	Lower	Upper
107	100		
108	92.8	75.2	115.2
77	32.1	10.3	50.3
79	28.7	9.3	49.3



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

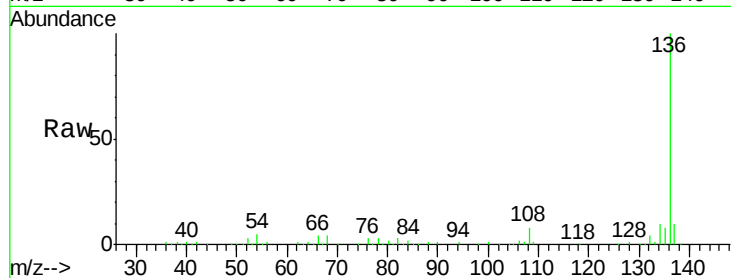




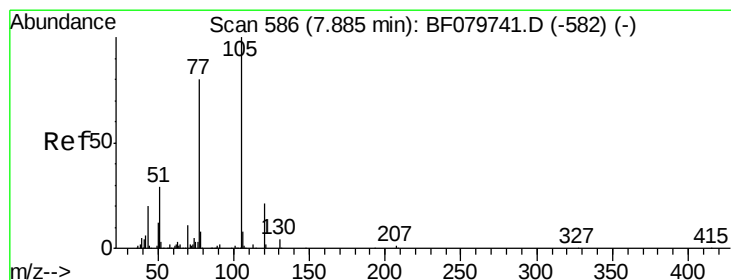
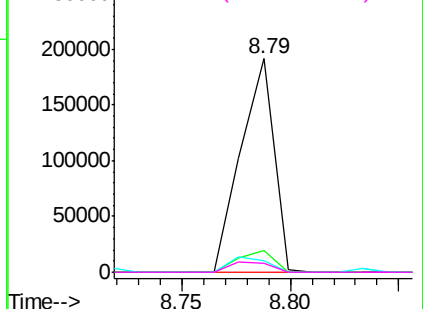
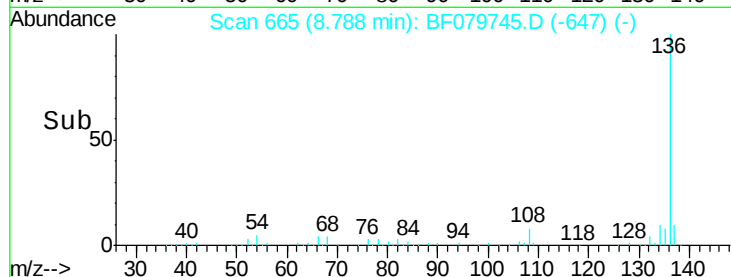
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:136	Resp:	203159
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	5.4	8.7 13.1#
68	4.2	5.8 8.8#

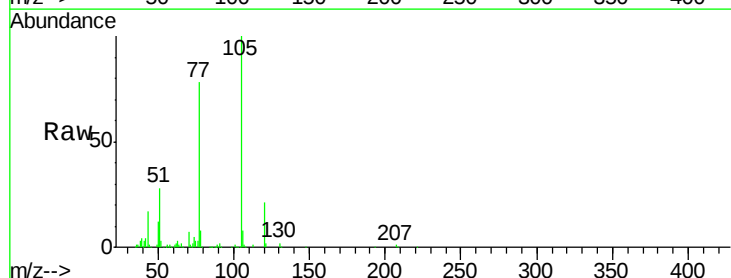


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

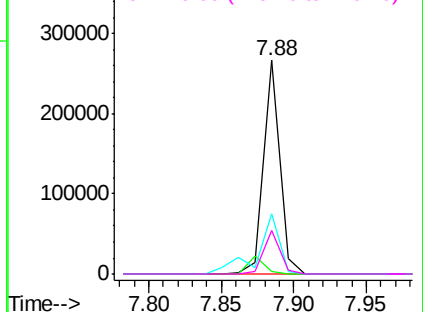
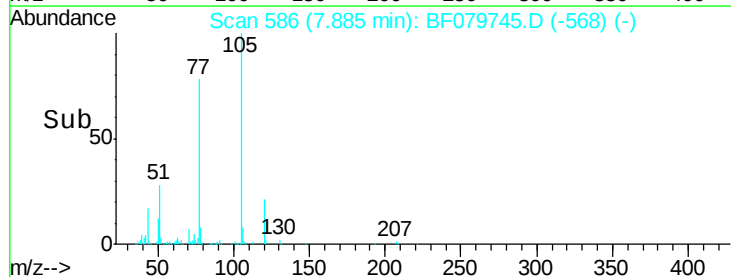


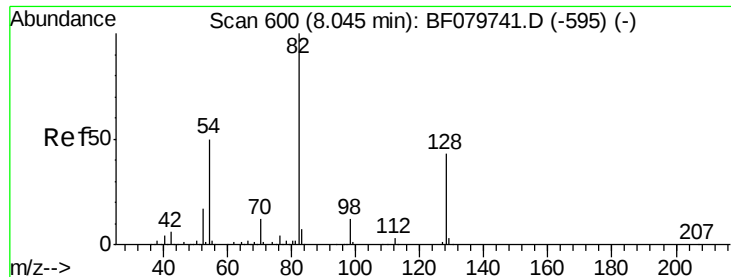
#22
Acetophenone
Concen: 42.90 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:105	Resp:	207909
Ion Ratio	Lower	Upper
105	100	
71	1.2	0.9 1.3
51	28.2	21.3 31.9
120	20.6	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

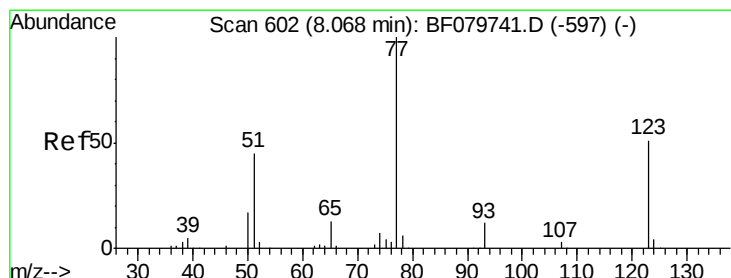
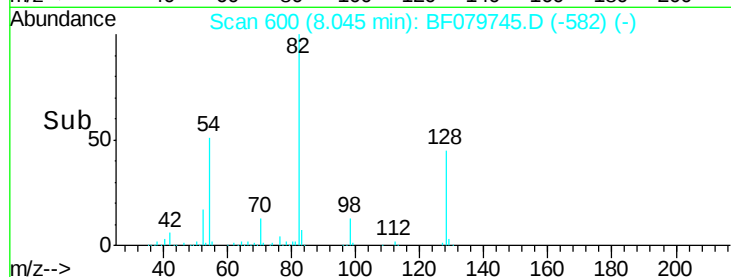
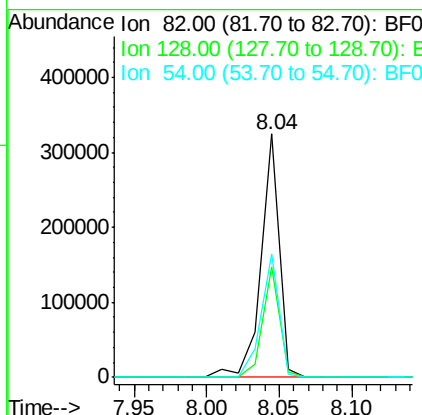
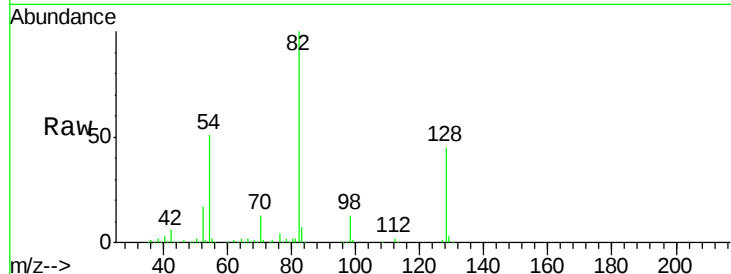




#23
 Nitrobenzene-d5
 Concen: 42.67 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

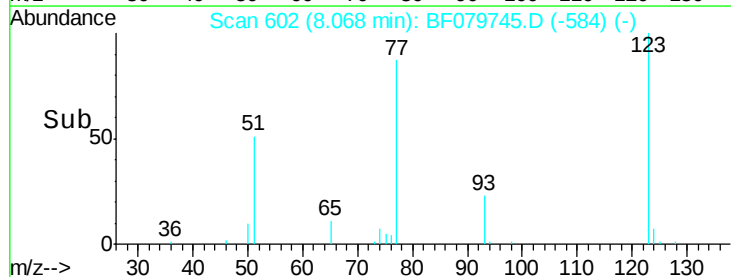
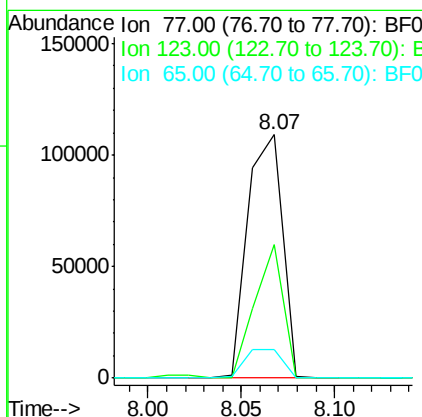
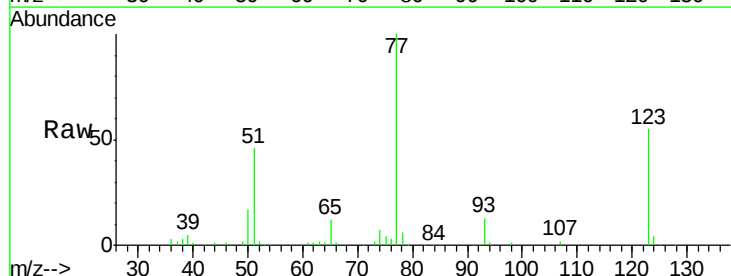
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

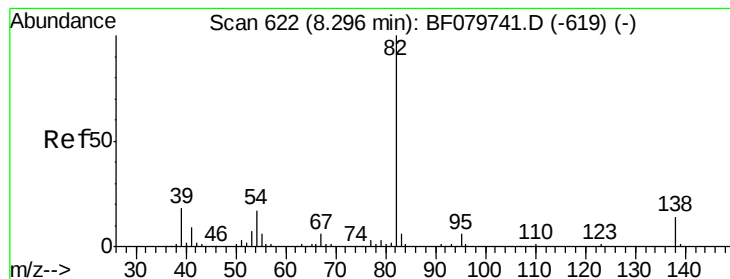
Tot Ion	82	Resp	282371
Ion Ratio	Lower	Upper	
82	100		
128	45.4	37.6	56.4
54	50.7	39.4	59.2



#24
 Nitrobenzene
 Concen: 42.73 ng
 RT: 8.07 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion	77	Resp	141047
Ion Ratio	Lower	Upper	
77	100		
123	54.7	28.1	42.1#
65	11.8	10.9	16.3





#25

Isophorone

Concen: 41.56 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

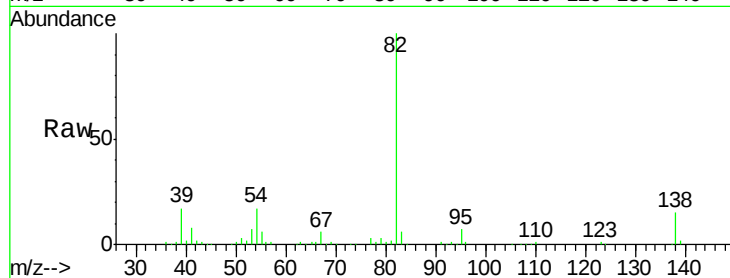
Tot Ion: 82 Resp: 280694

Ion Ratio Lower Upper

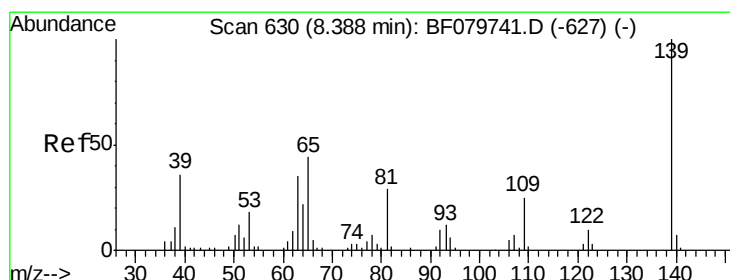
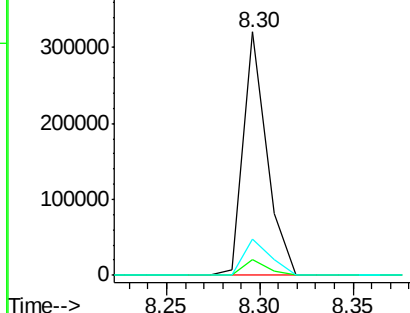
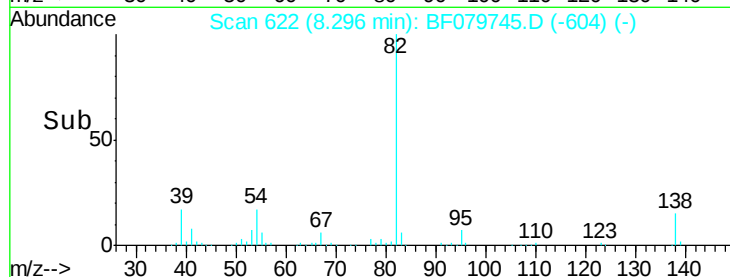
82 100

95 6.5 5.3 7.9

138 15.0 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: 42.29 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

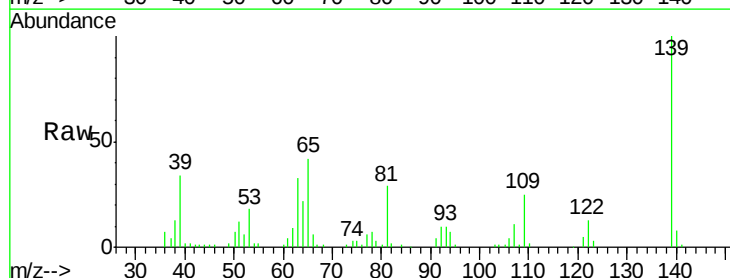
Tgt Ion: 139 Resp: 58785

Ion Ratio Lower Upper

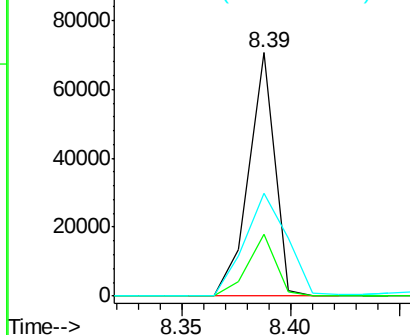
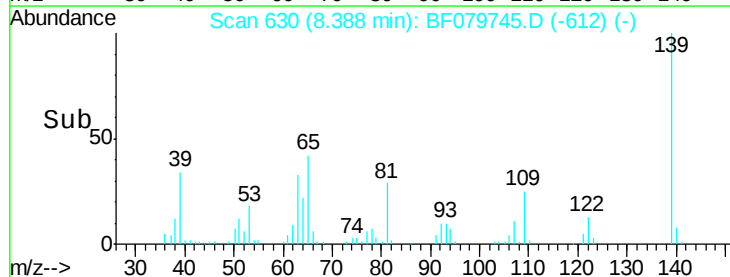
139 100

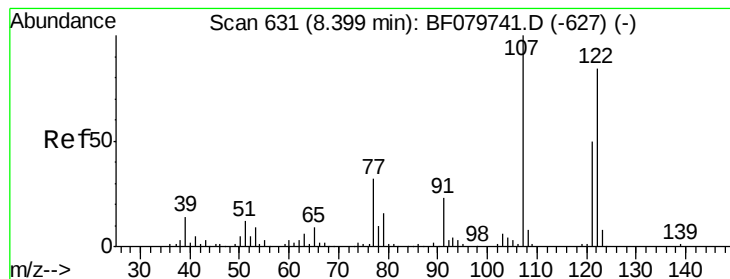
109 25.2 17.5 26.3

65 42.3 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 43.63 ng

RT: 8.40 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

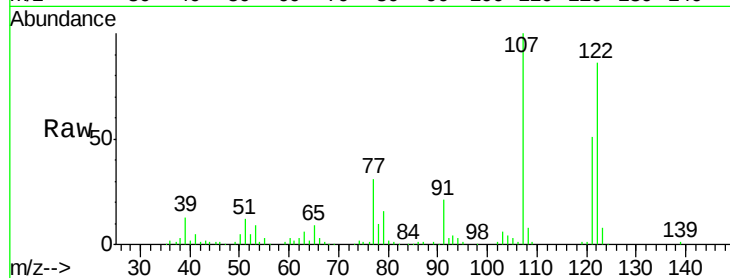
Tot Ion:122 Resp: 136487

Ion Ratio Lower Upper

122 100

107 116.2 88.5 132.7

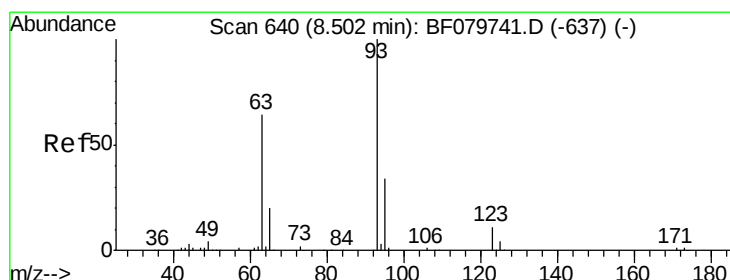
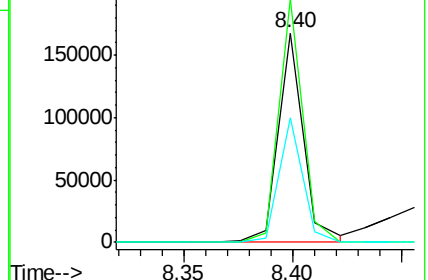
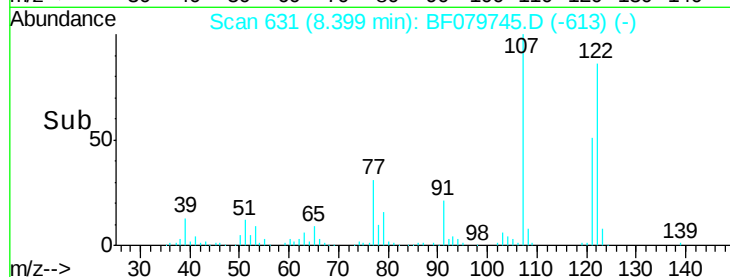
121 59.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.65 ng

RT: 8.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

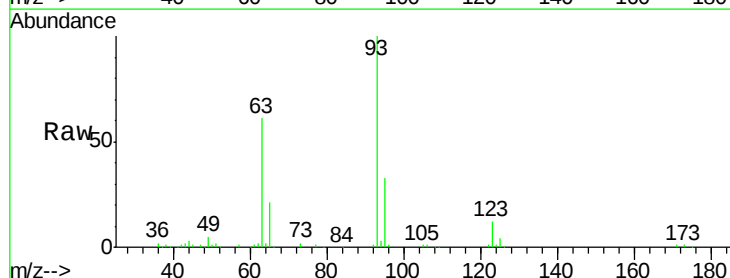
Tgt Ion: 93 Resp: 165475

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

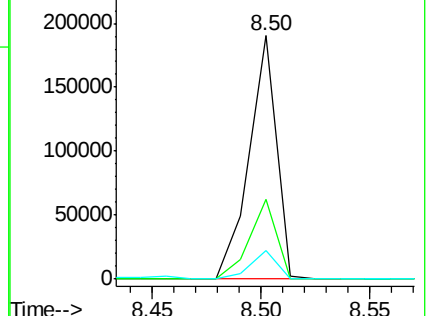
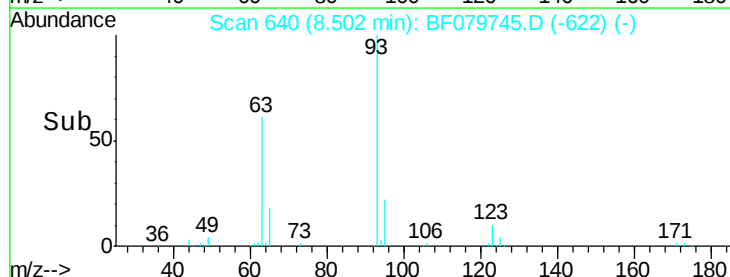
123 11.6 7.3 10.9#

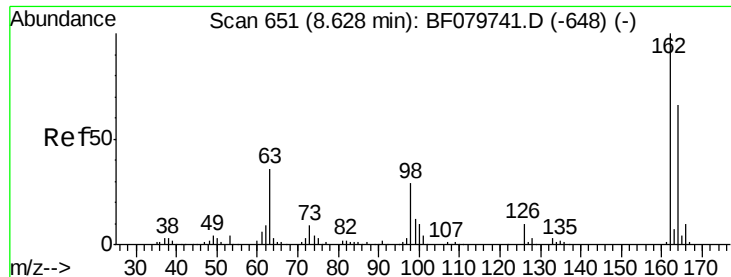


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

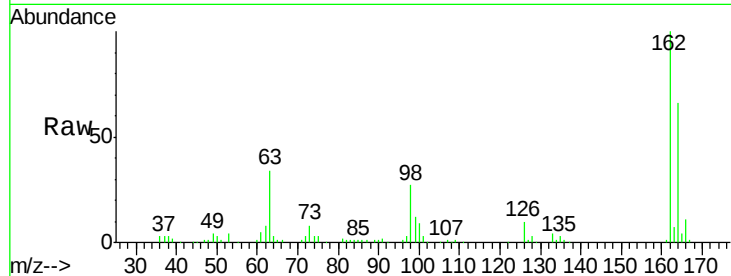




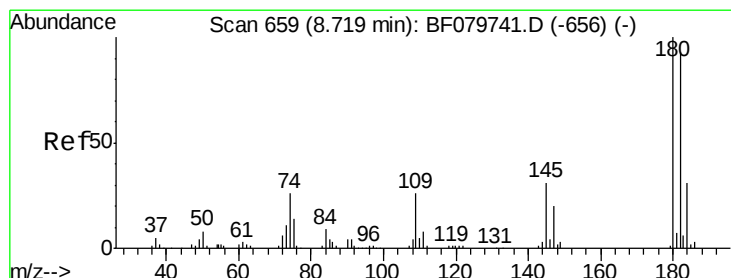
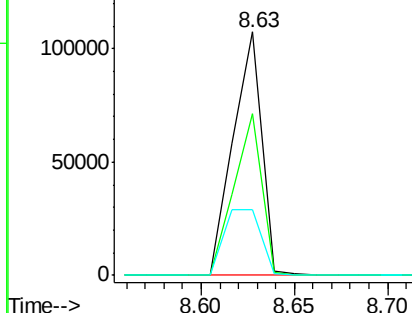
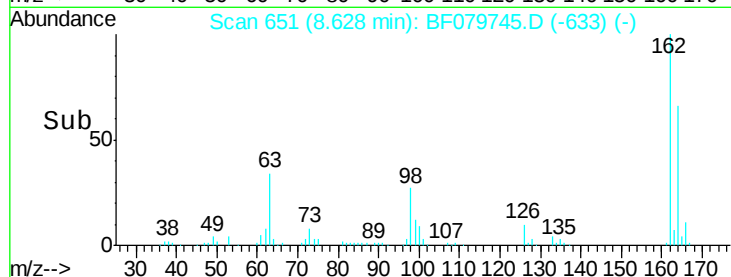
#29
 2,4-Dichlorophenol
 Concen: 41.16 ng
 RT: 8.63 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	42.8	82.8
98	26.9	23.2	63.2

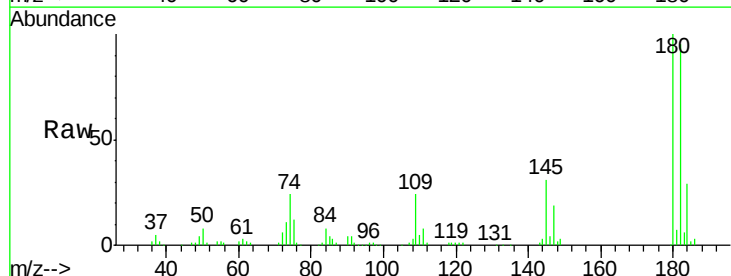


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

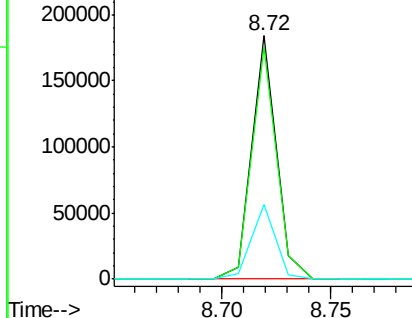
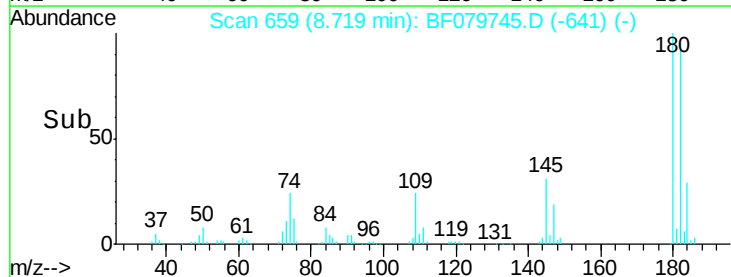


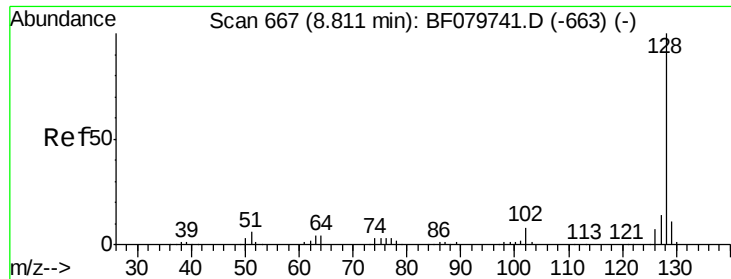
#30
 1,2,4-Trichlorobenzene
 Concen: 42.53 ng
 RT: 8.72 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.4	117.6
145	30.6	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

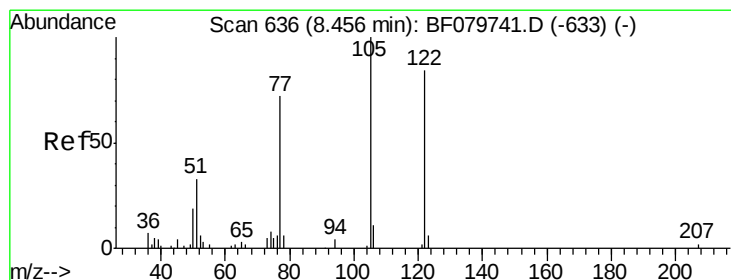
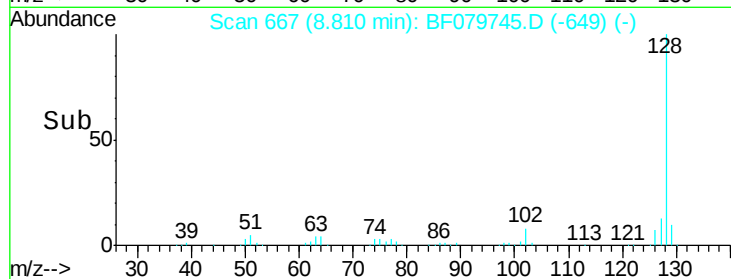
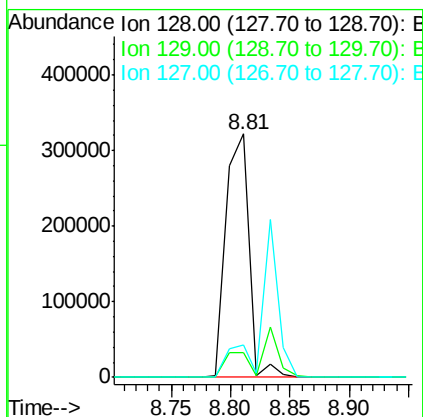
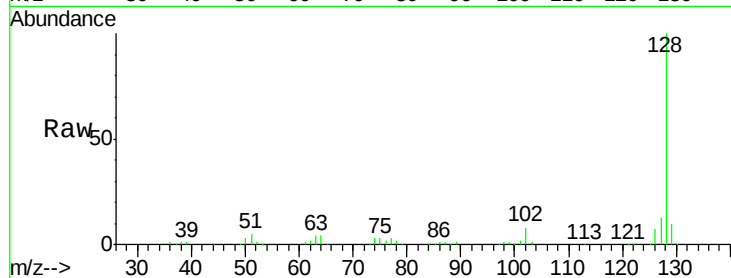




#31
Naphthalene
Concen: 40.41 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

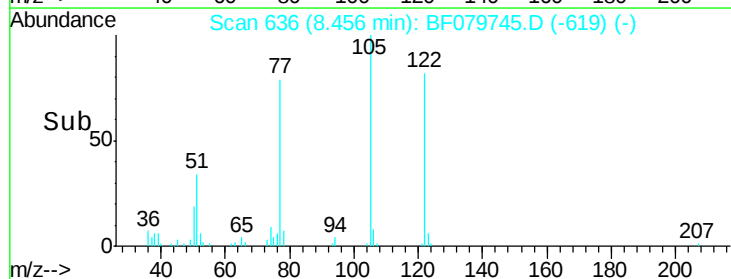
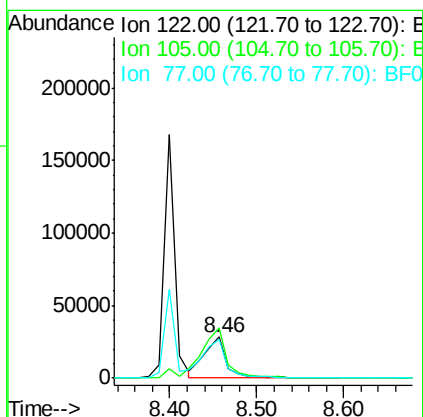
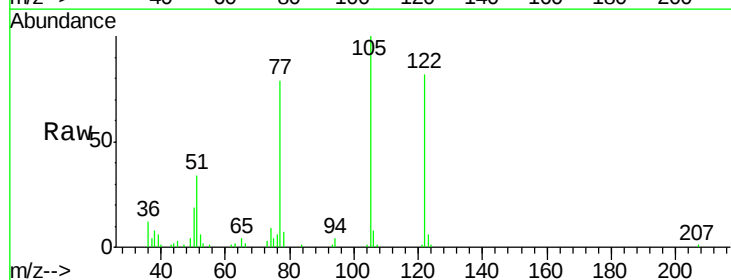
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

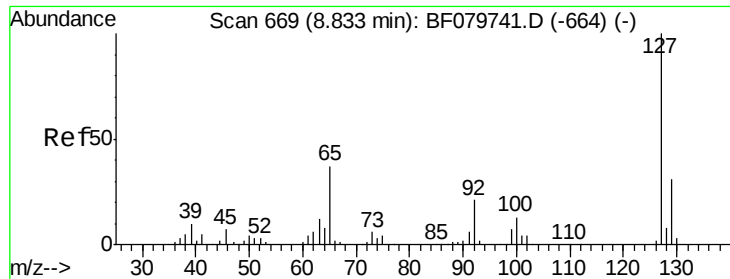
Tot Ion:128 Resp: 430723
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 43.56 ng
RT: 8.46 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:122 Resp: 52326
Ion Ratio Lower Upper
122 100
105 121.8 106.7 146.7
77 95.7 68.9 108.9

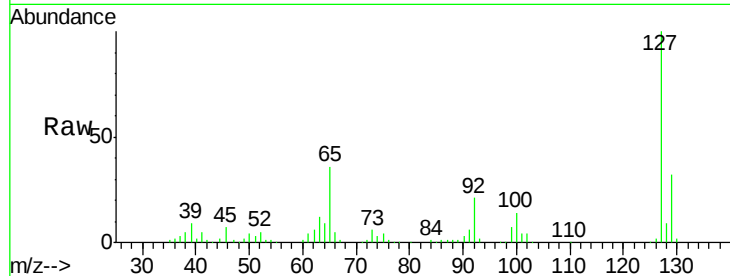




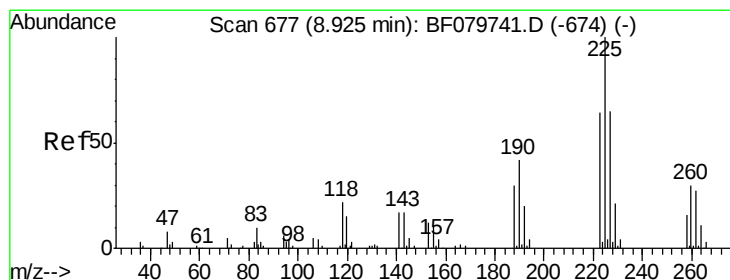
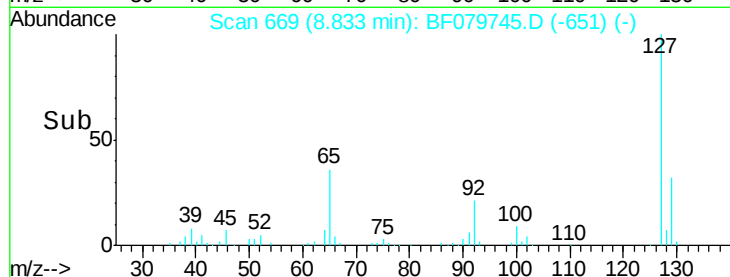
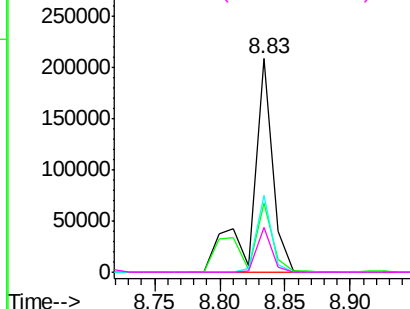
#33
4-Chloroaniline
Concen: 42.53 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:	127	Resp:	230299
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.8	40.2
65	35.8	22.9	34.3#
92	21.0	15.2	22.8

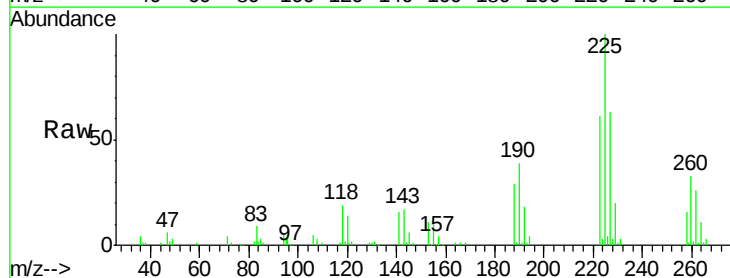


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

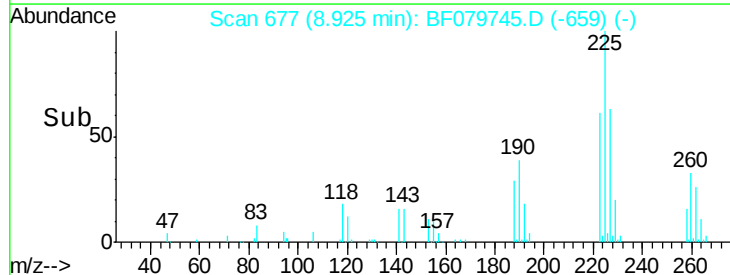
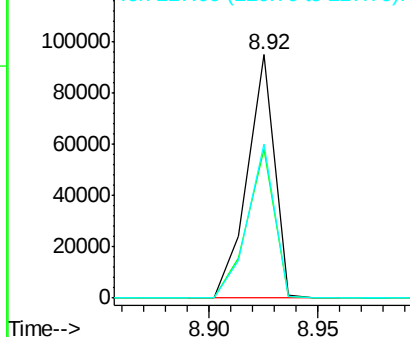


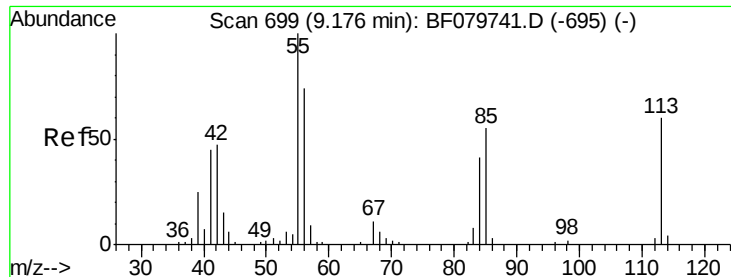
#34
Hexachlorobutadiene
Concen: 39.79 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:	225	Resp:	82495
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.9	77.9
227	63.2	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

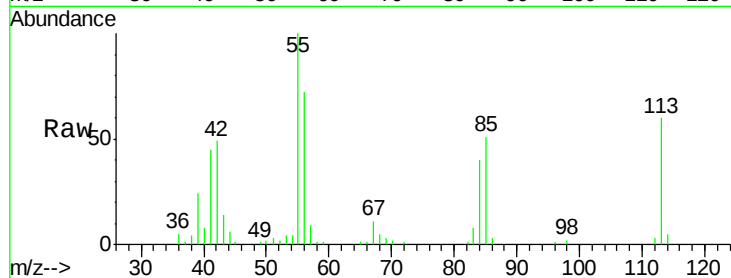




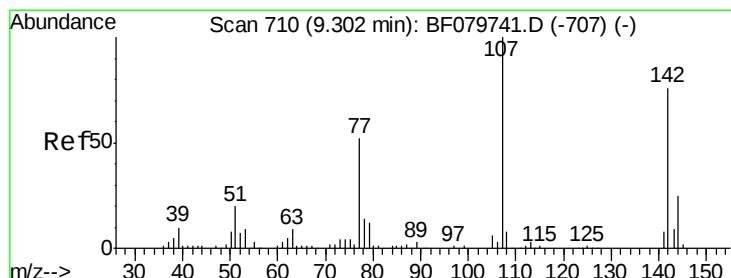
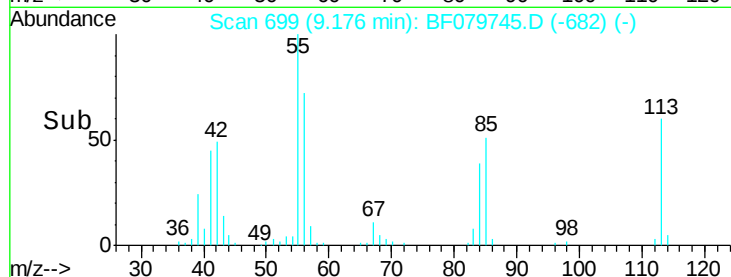
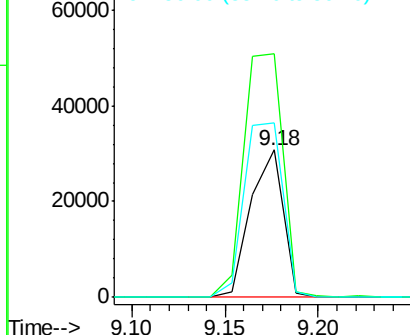
#35
Caprolactam
Concen: 43.65 ng
RT: 9.18 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:113 Resp: 37312
Ion Ratio Lower Upper
113 100
55 165.5 186.6 226.6#
56 118.9 137.8 177.8#

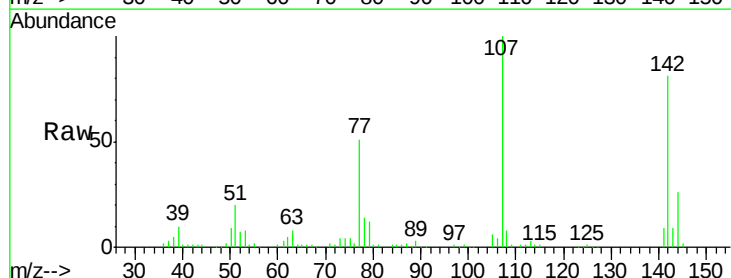


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

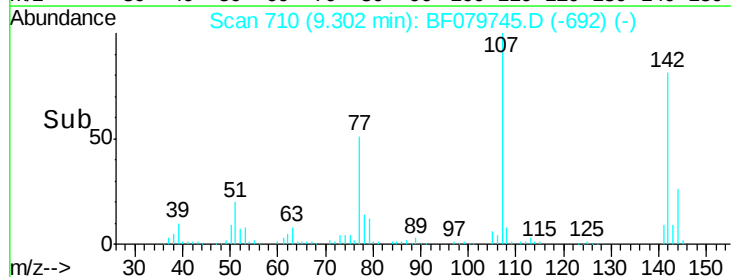
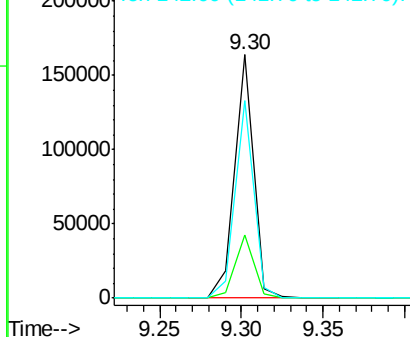


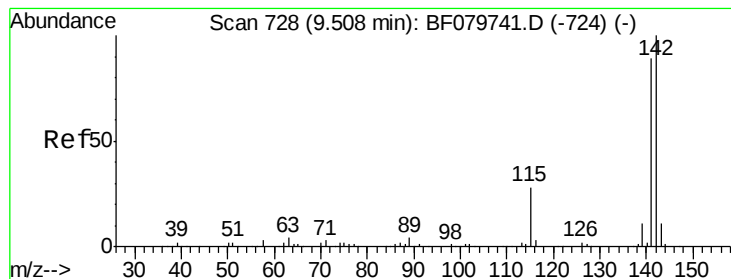
#36
4-Chloro-3-methylphenol
Concen: 41.48 ng
RT: 9.30 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:107 Resp: 130085
Ion Ratio Lower Upper
107 100
144 25.7 24.5 36.7
142 81.2 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: 42.19 ng

RT: 9.50 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

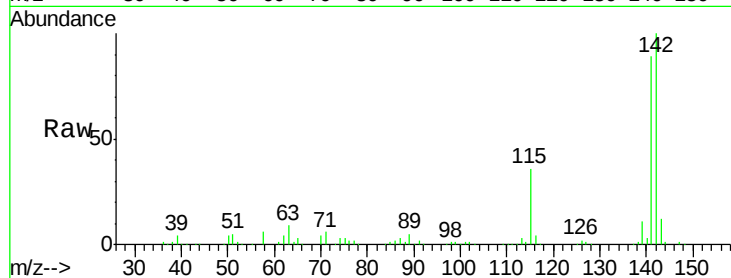
Tot Ion:142 Resp: 285890

Ion Ratio Lower Upper

142 100

141 88.6 72.8 109.2

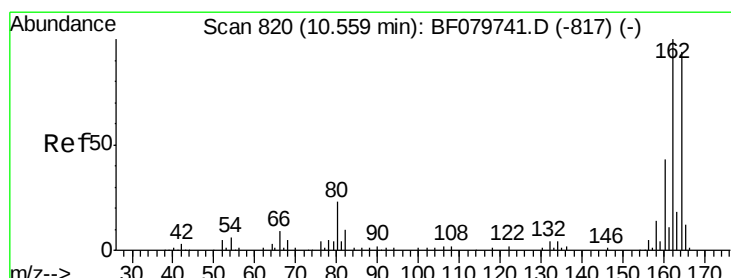
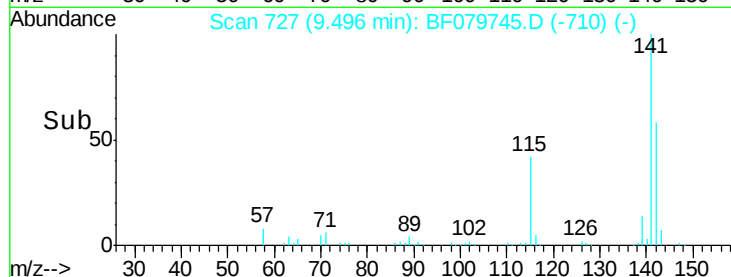
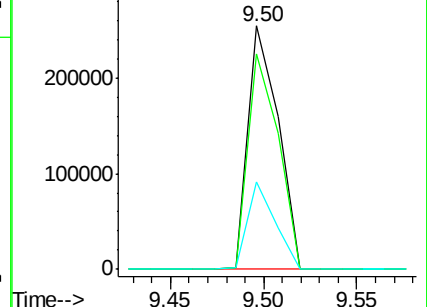
115 35.9 26.9 40.3



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: BF079745.D

Acq: 5 Jun 2015 23:14

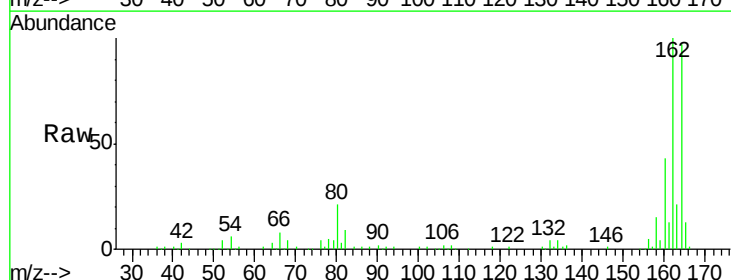
Tgt Ion:164 Resp: 109851

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

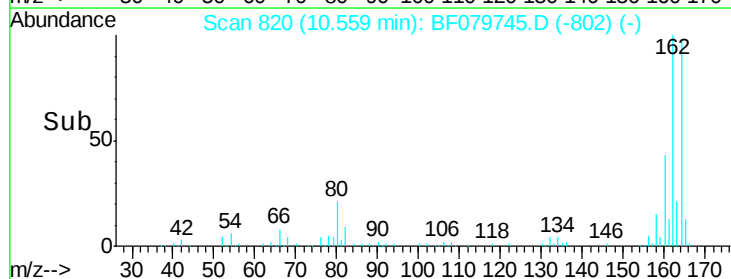
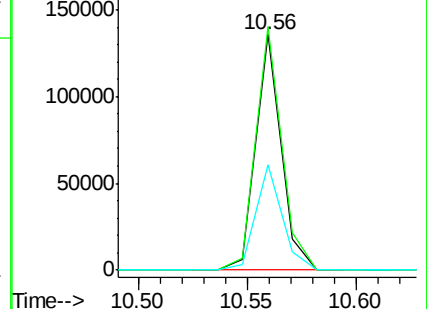
160 44.4 36.8 55.2

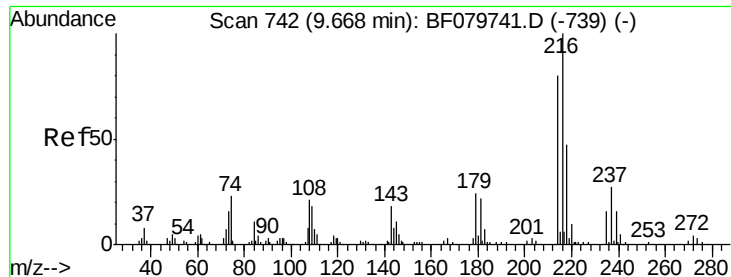


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.80 ng

RT: 9.67 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

Tot Ion:216 Resp: 136164

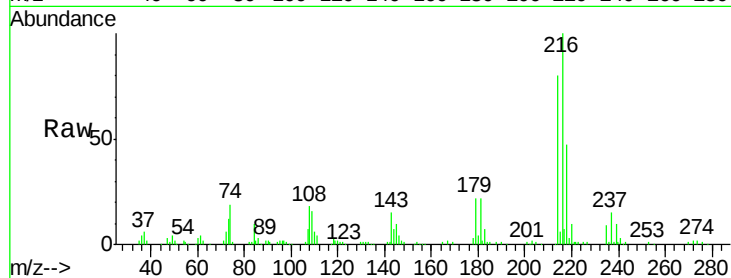
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.4

179 21.4 16.6 24.8

108 18.5 13.4 20.0

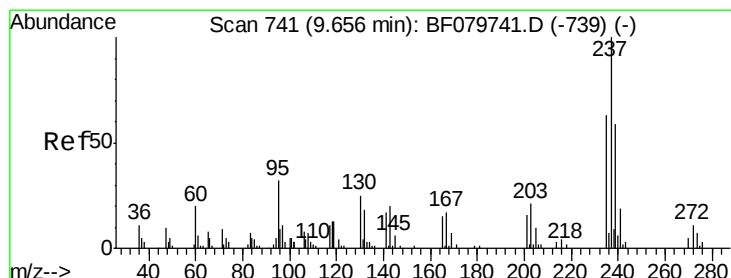
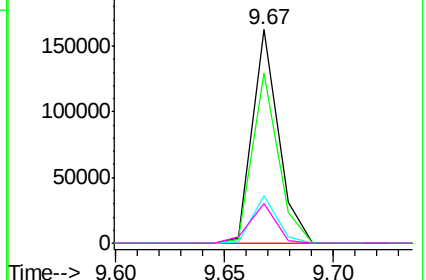
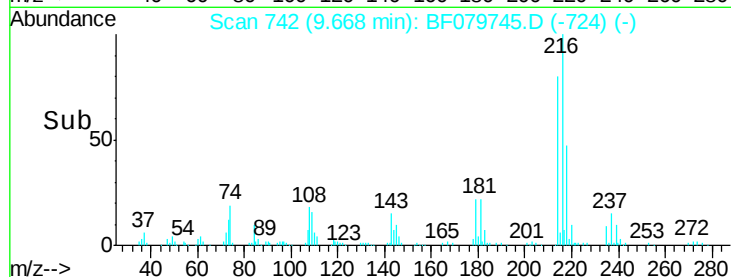


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.06 ng

RT: 9.66 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

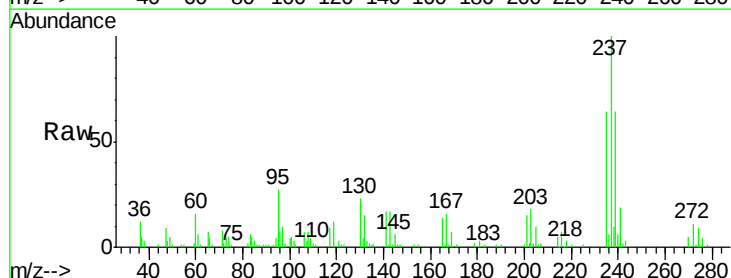
Tgt Ion:237 Resp: 60402

Ion Ratio Lower Upper

237 100

235 63.9 41.9 81.9

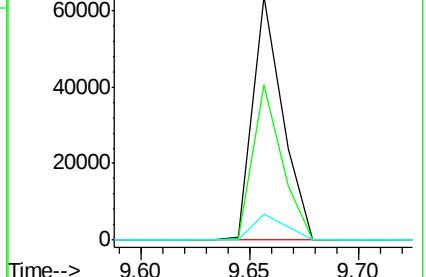
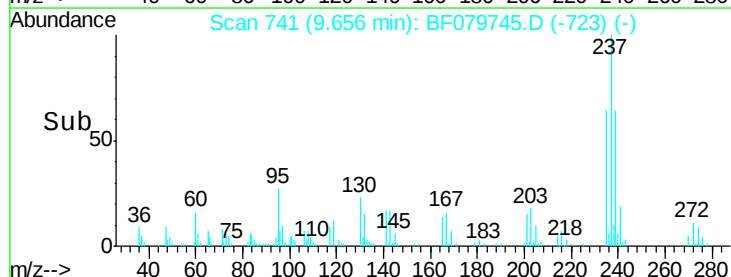
272 10.6 0.0 32.1

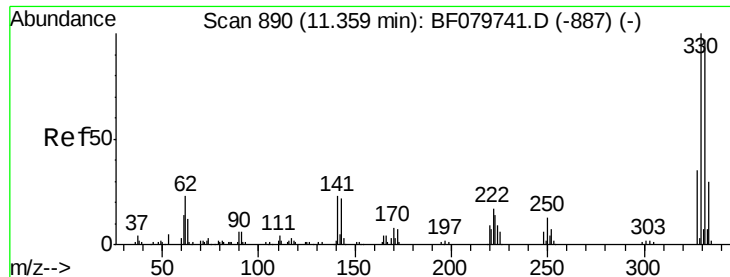


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

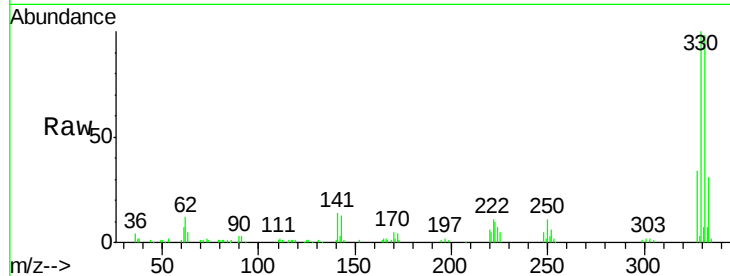




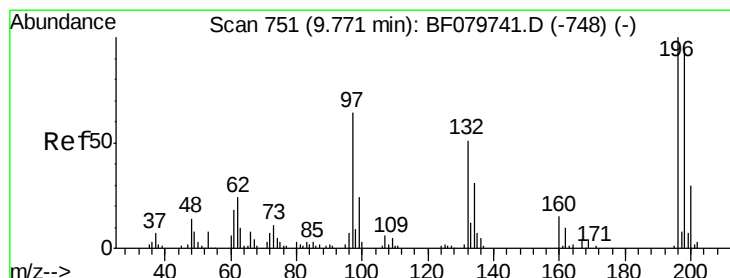
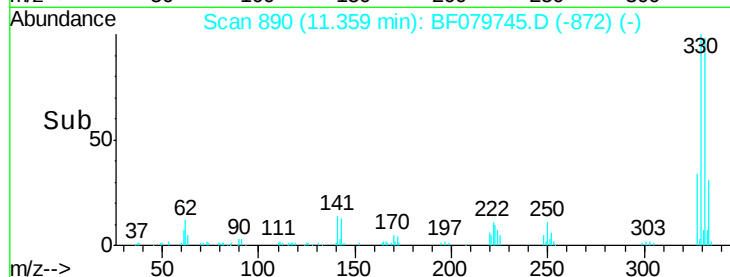
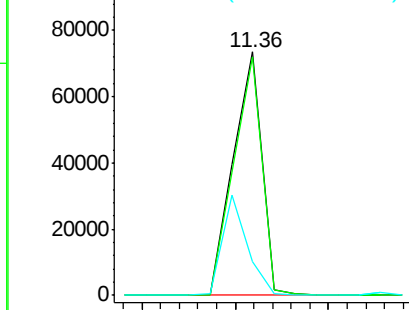
#41
 2,4,6-Tribromophenol
 Concen: 37.63 ng
 RT: 11.36 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion:330 Resp: 79071
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 35.7 30.2 45.2

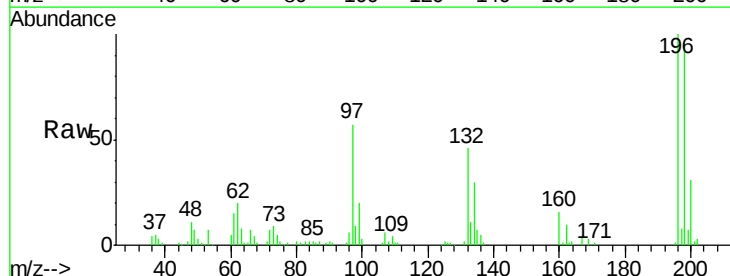


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

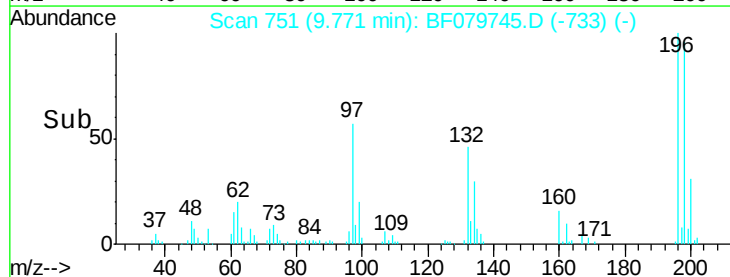
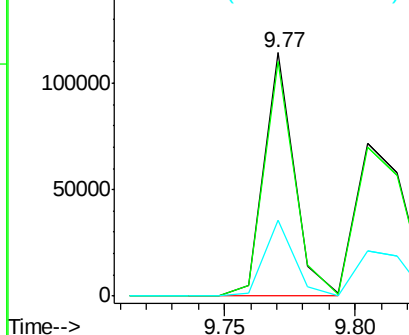


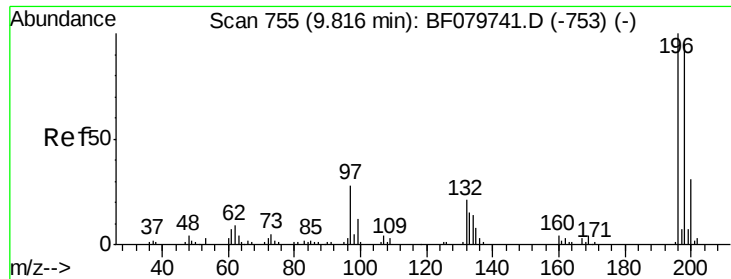
#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.77 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:196 Resp: 92406
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.8 115.2
 200 31.0 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

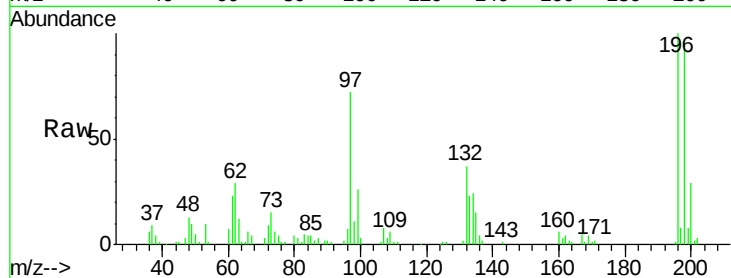




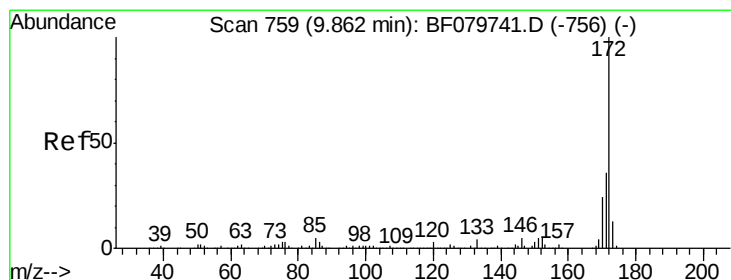
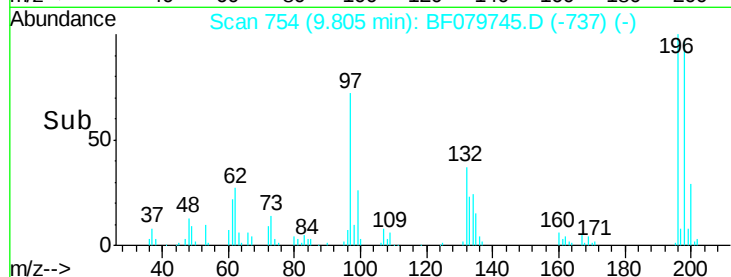
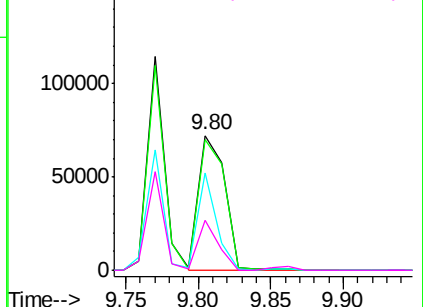
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion:196 Resp: 91051
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.9 115.3
 97 72.0 38.9 58.3#
 132 36.7 23.9 35.9#

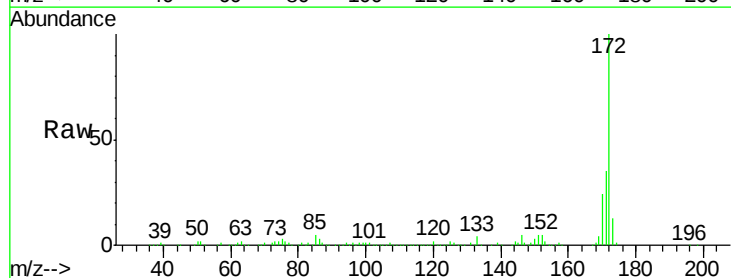


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

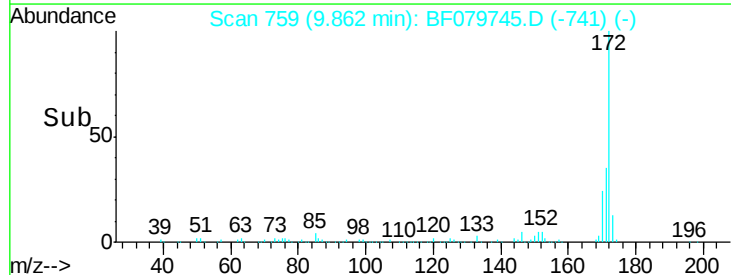
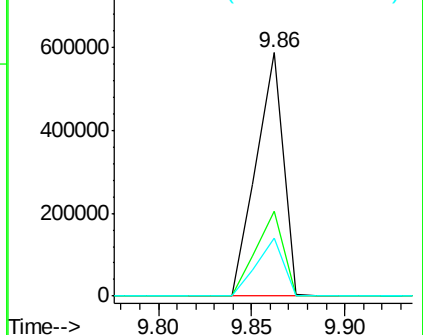


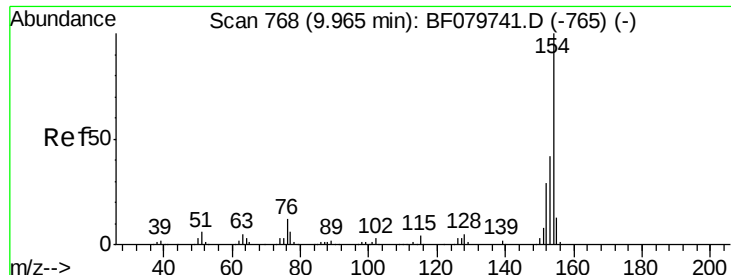
#44
 2-Fluorobiphenyl
 Concen: 36.52 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:172 Resp: 592304
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.6 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: 39.31 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

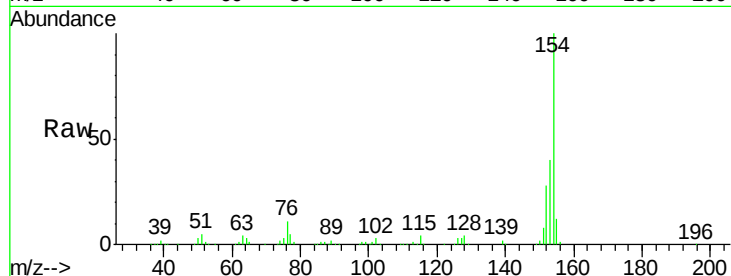
Tot Ion:154 Resp: 375647

Ion Ratio Lower Upper

154 100

153 40.0 19.9 59.9

76 10.8 0.0 28.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

600000

500000

400000

300000

200000

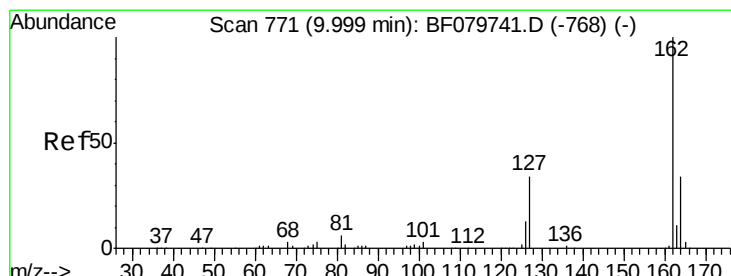
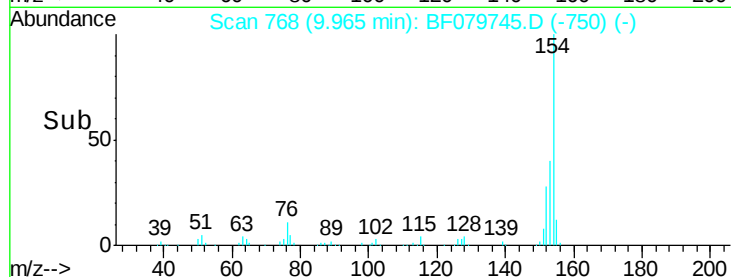
100000

0

9.96

9.90 9.95 10.00

Time-->



#46

2-Chloronaphthalene

Concen: 37.14 ng

RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

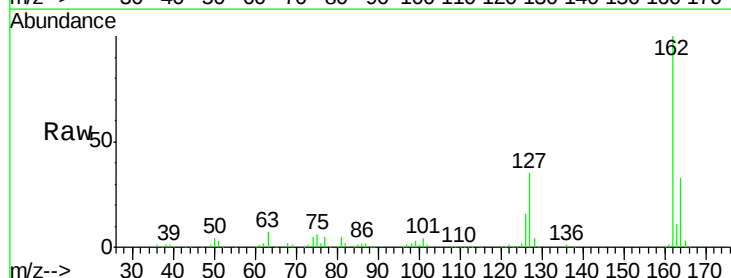
Tgt Ion:162 Resp: 289744

Ion Ratio Lower Upper

162 100

127 35.1 35.4 53.2#

164 33.4 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

400000

300000

200000

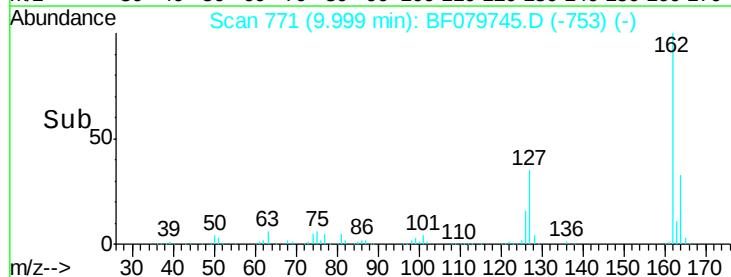
100000

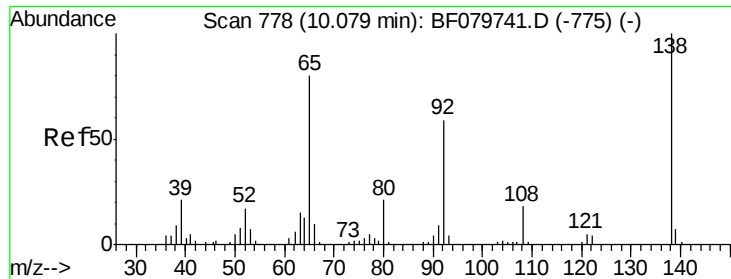
0

10.00

9.95 10.00 10.05

Time-->

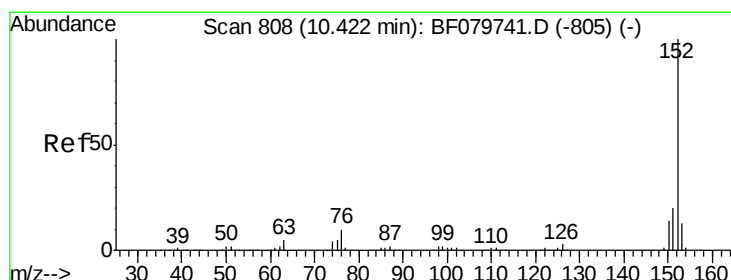
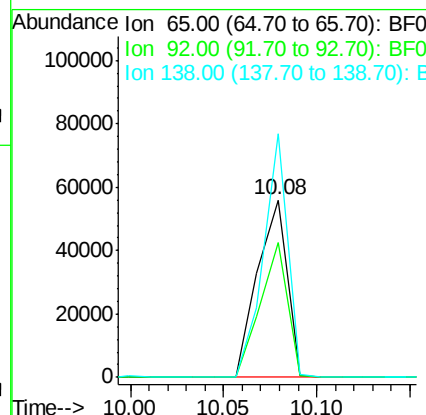
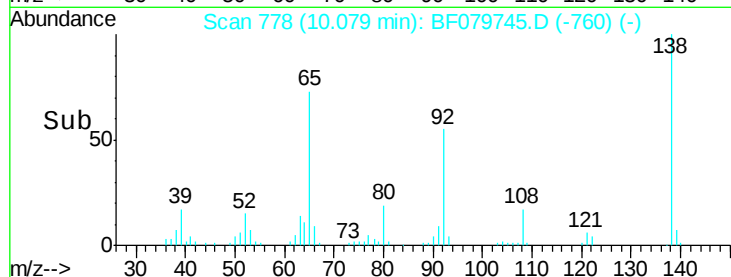
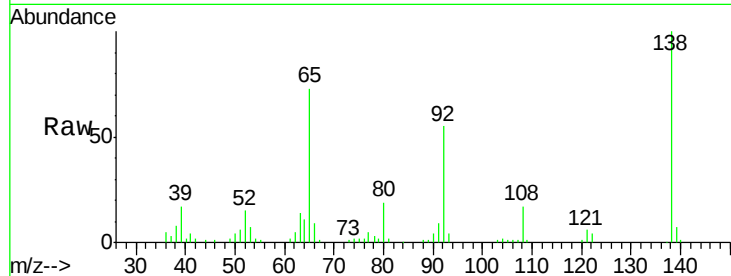




#47
 2-Nitroaniline
 Concen: 37.43 ng
 RT: 10.08 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

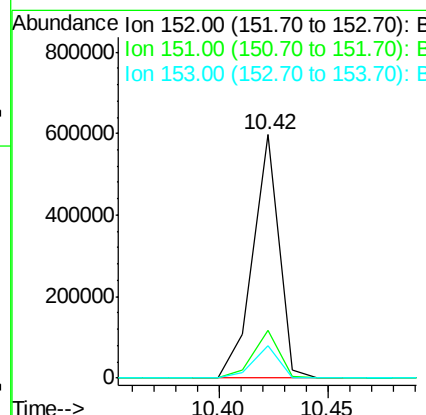
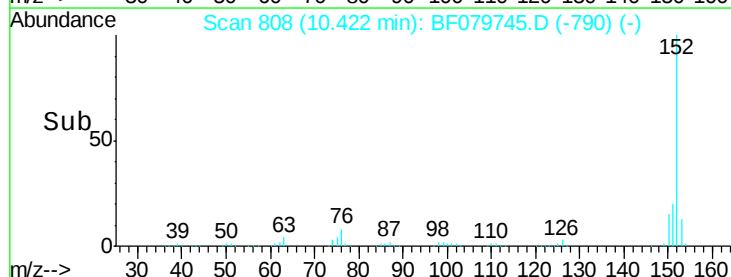
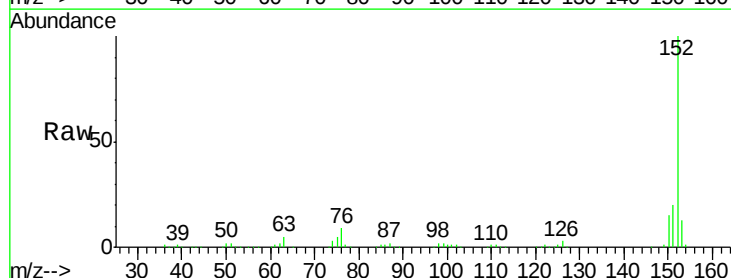
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

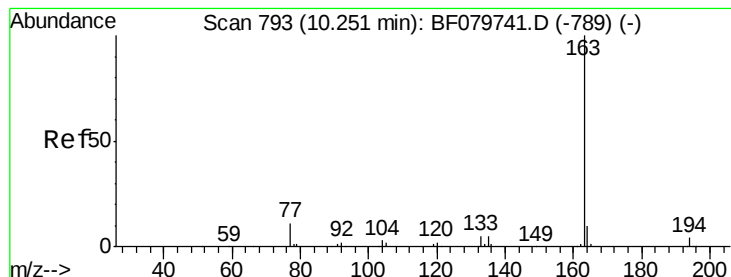
Tot Ion: 65 Resp: 61267
 Ion Ratio Lower Upper
 65 100
 92 75.9 49.0 73.6#
 138 137.4 67.7 101.5#



#48
 Acenaphthylene
 Concen: 38.45 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:152 Resp: 495956
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4
 153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 37.35 ng

RT: 10.25 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

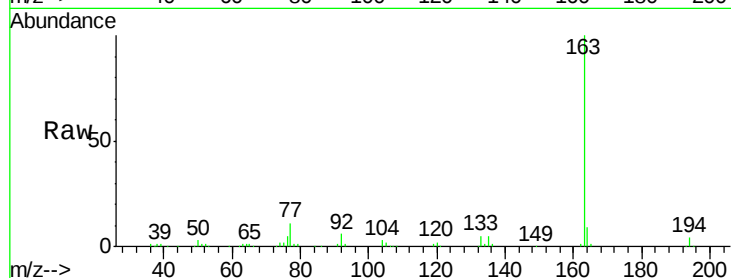
Tot Ion:163 Resp: 316066

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

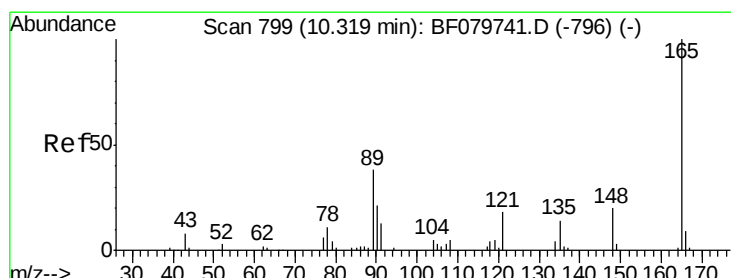
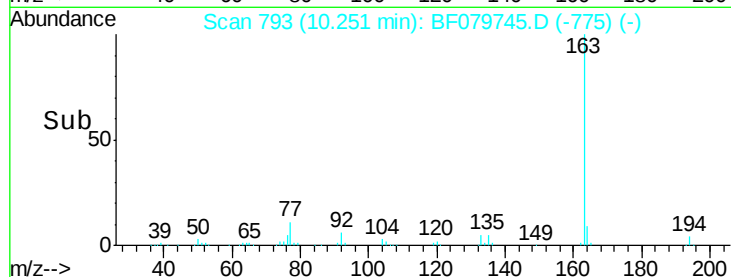
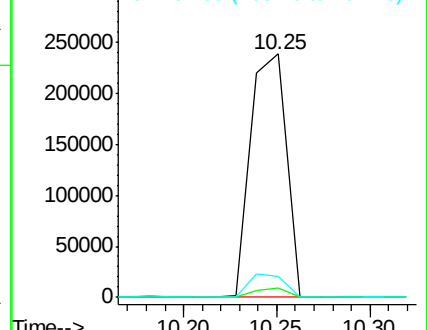
164 8.8 8.5 12.7



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: 39.26 ng

RT: 10.31 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

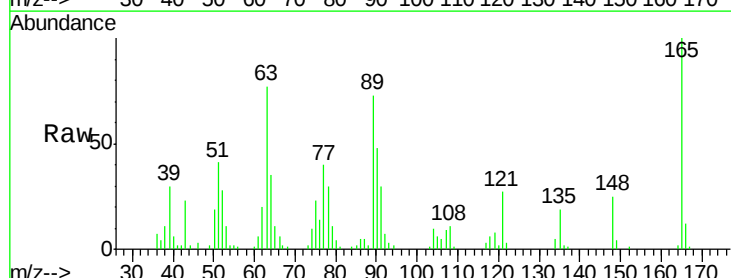
Tgt Ion:165 Resp: 52613

Ion Ratio Lower Upper

165 100

63 76.9 45.2 67.8#

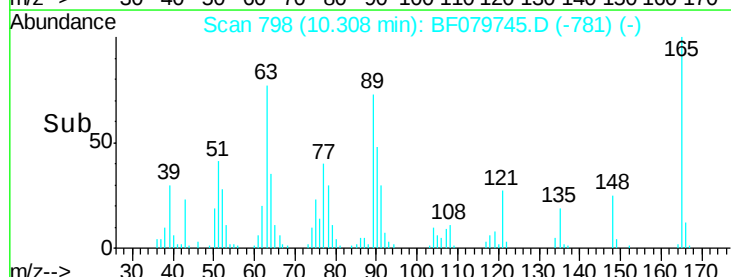
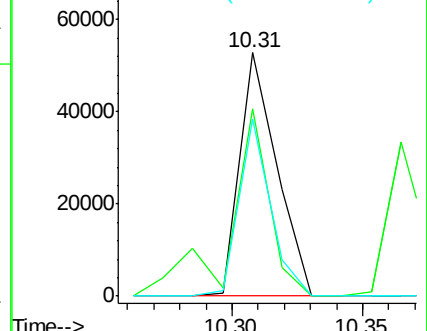
89 72.8 45.9 68.9#

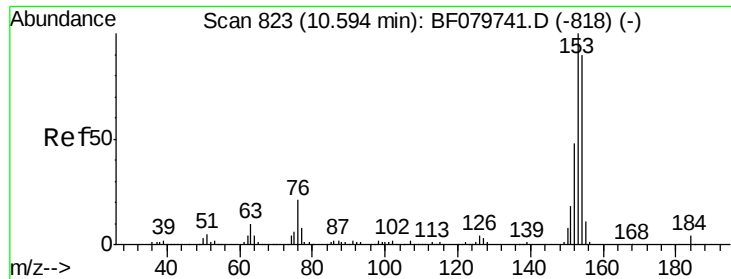


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.13 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

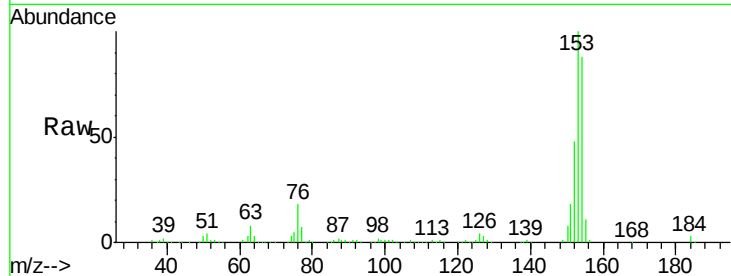
Tot Ion:154 Resp: 285851

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

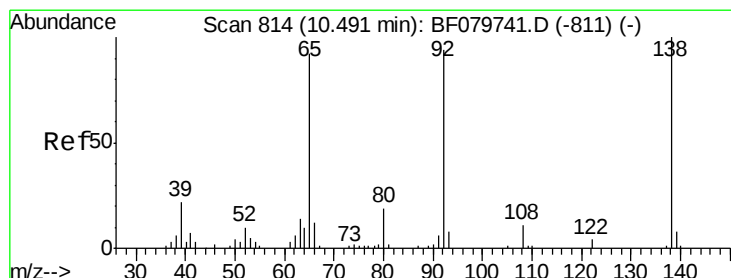
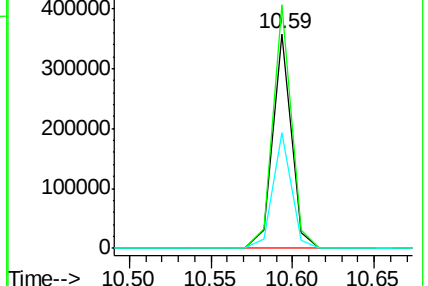
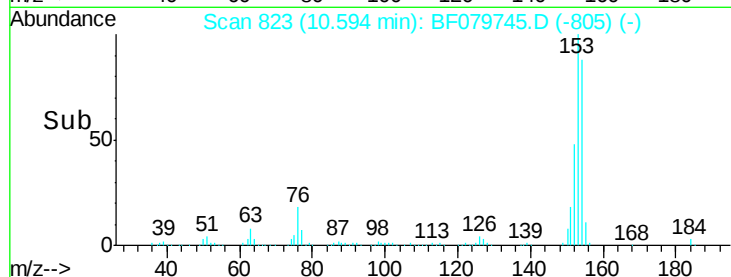
152 54.2 43.4 65.0



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: 37.46 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

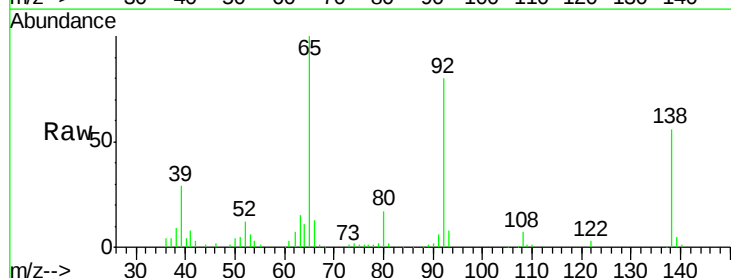
Tgt Ion:138 Resp: 66937

Ion Ratio Lower Upper

138 100

108 13.3 8.9 13.3

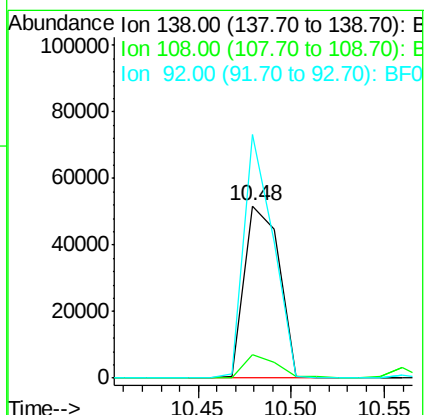
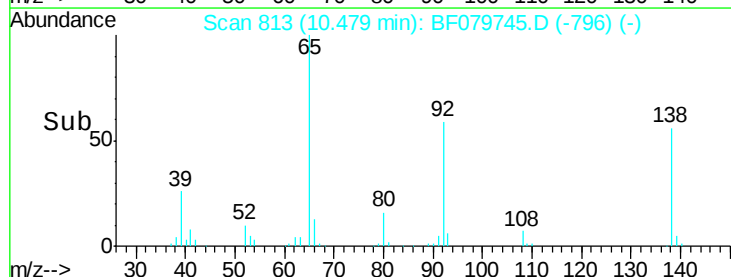
92 141.4 99.0 148.4

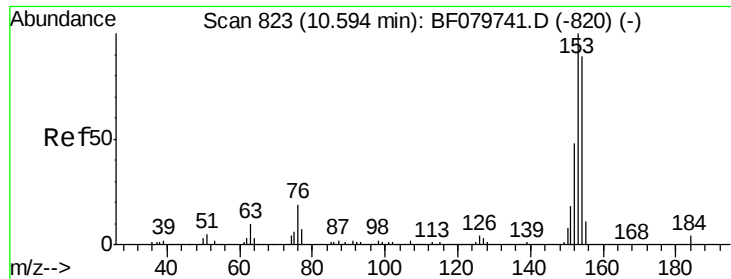


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

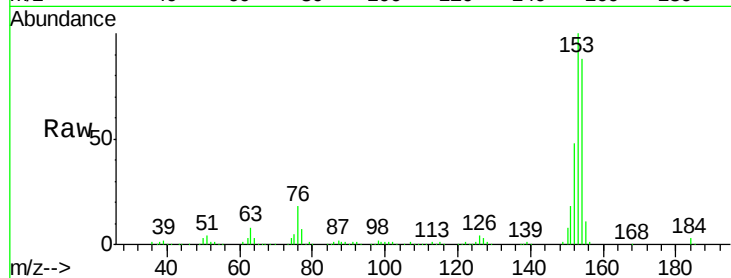




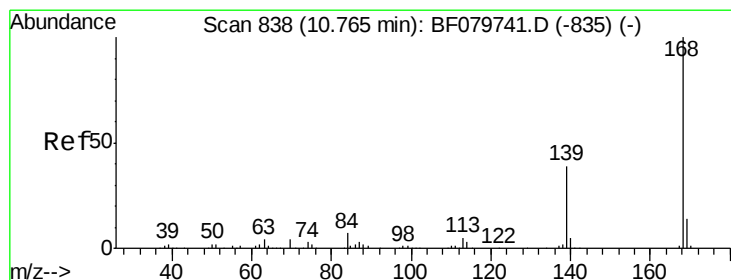
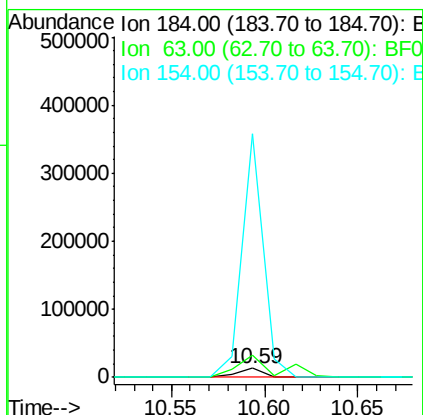
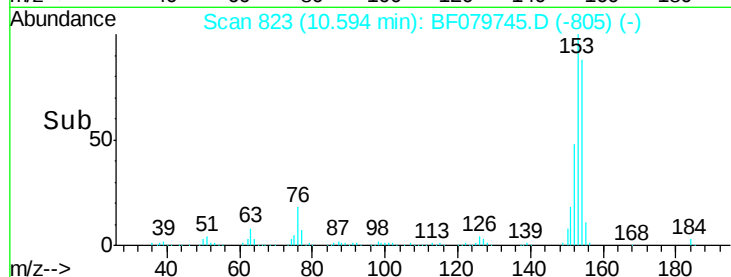
#53
2,4-Dinitrophenol
Concen: 39.50 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:184 Resp: 13112
Ion Ratio Lower Upper
184 100
63 248.4 146.9 220.3#
154 2715.9 653.8 980.8#

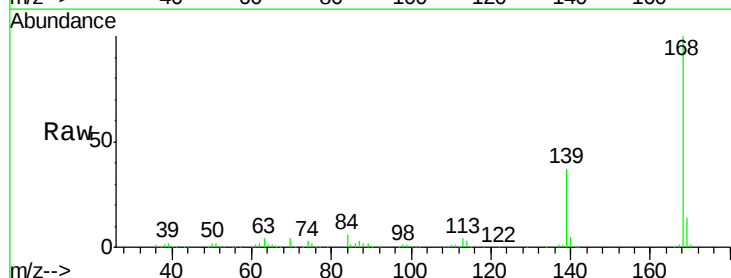


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

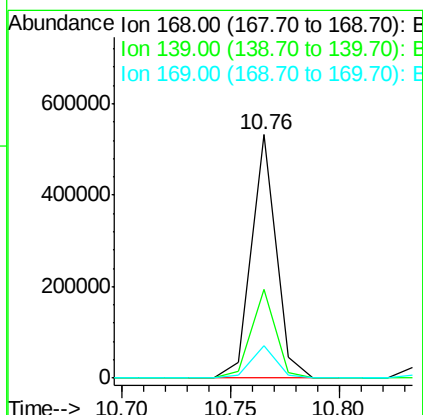
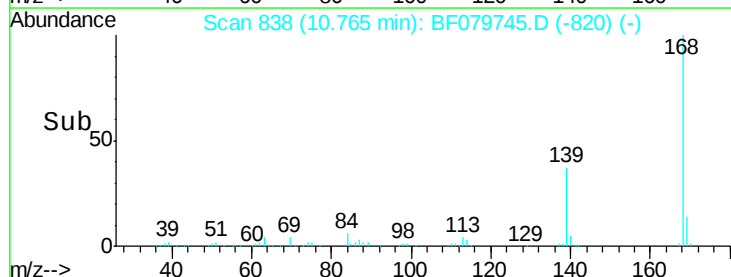


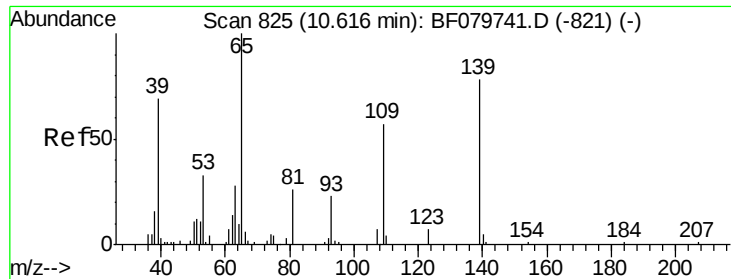
#54
Dibenzofuran
Concen: 40.57 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:168 Resp: 419829
Ion Ratio Lower Upper
168 100
139 36.5 27.7 41.5
169 13.5 11.0 16.4



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





#55

4-Nitrophenol

Concen: 41.91 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

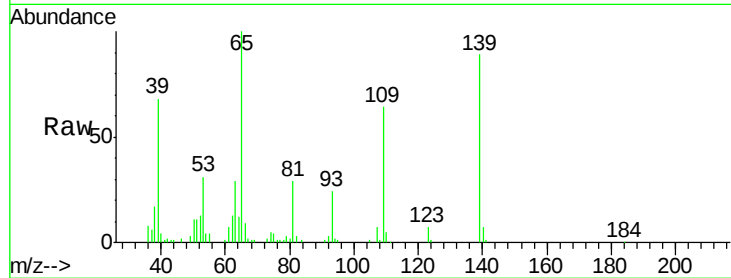
Tot Ion:139 Resp: 55949

Ion Ratio Lower Upper

139 100

109 72.2 44.2 84.2

65 112.7 72.3 112.3#

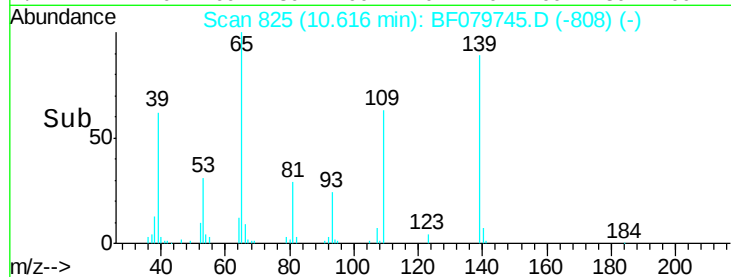


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



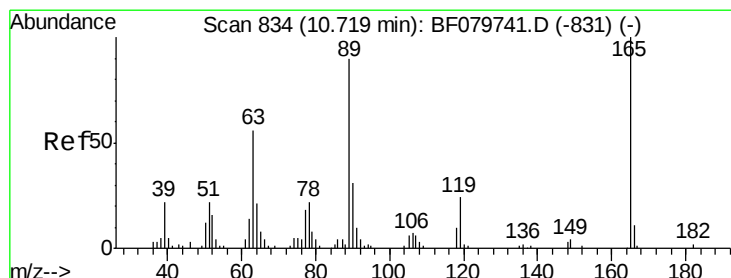
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

Time-->



#56

2,4-Dinitrotoluene

Concen: 44.68 ng

RT: 10.72 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Tgt Ion:165 Resp: 73926

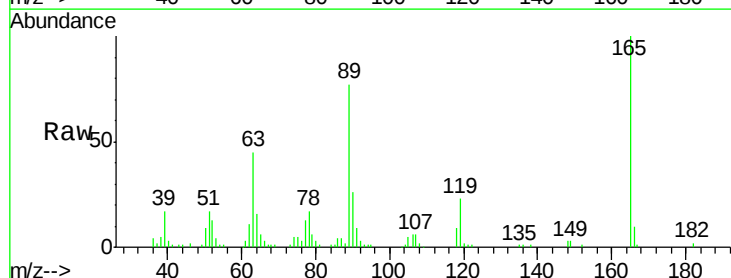
Ion Ratio Lower Upper

165 100

63 45.0 24.7 37.1#

89 76.8 45.7 68.5#

182 2.3 1.8 2.8



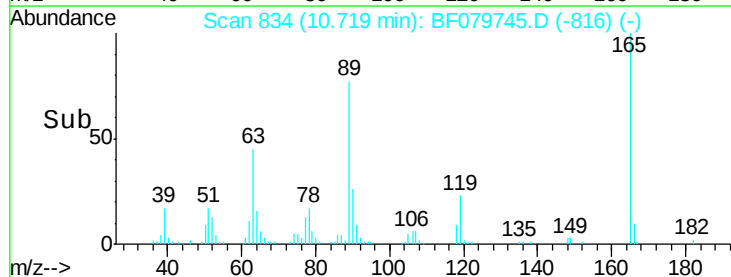
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

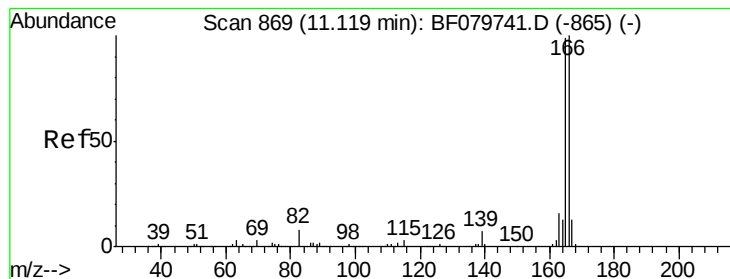
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



#57

Fluorene

Concen: 36.88 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

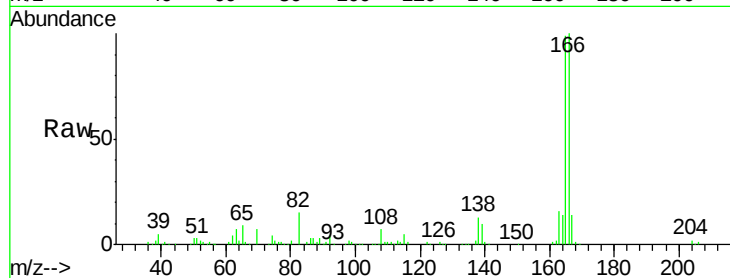
Tot Ion:166 Resp: 330226

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

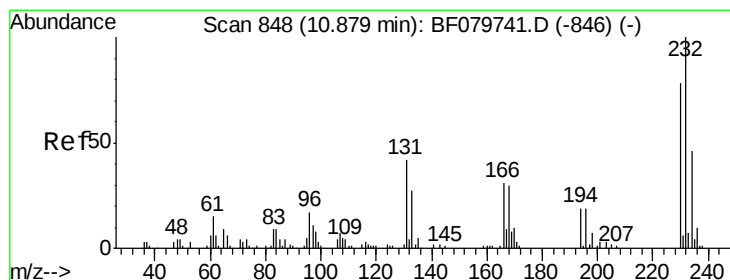
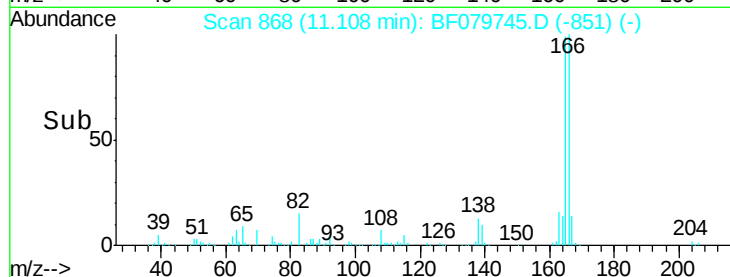
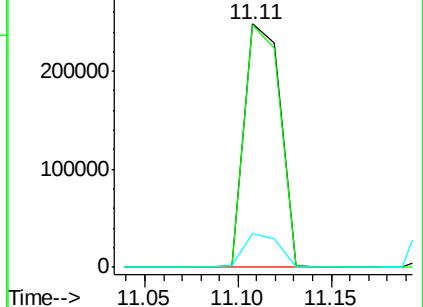
167 13.7 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.98 ng

RT: 10.88 min Scan# 848

Delta R.T. 0.05 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Tgt Ion:232 Resp: 79829

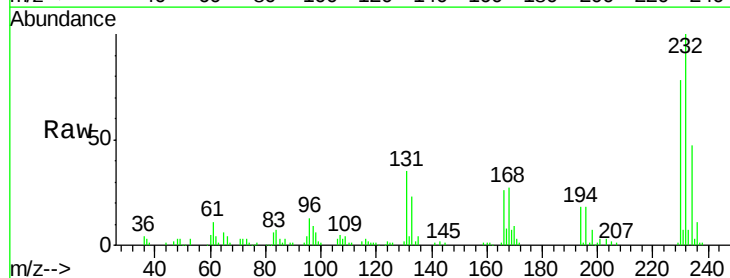
Ion Ratio Lower Upper

232 100

131 41.1 36.5 54.7

130 1.9 1.8 2.8

166 28.8 24.2 36.4

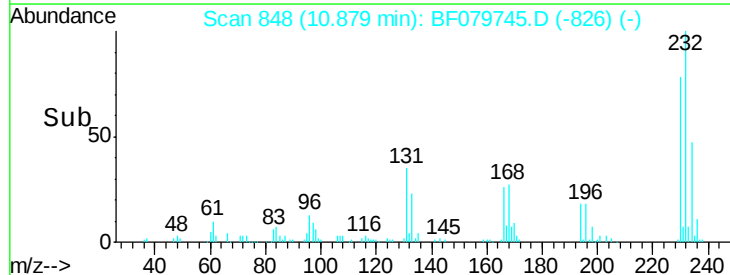
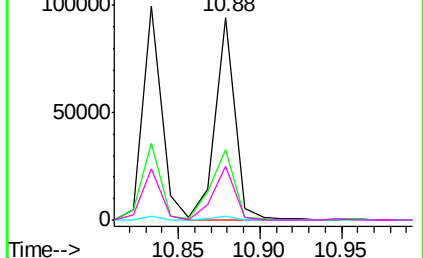


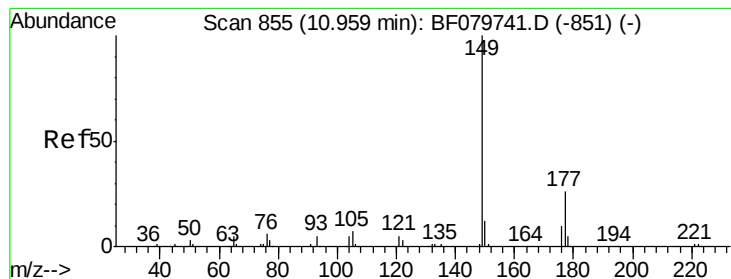
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.48 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

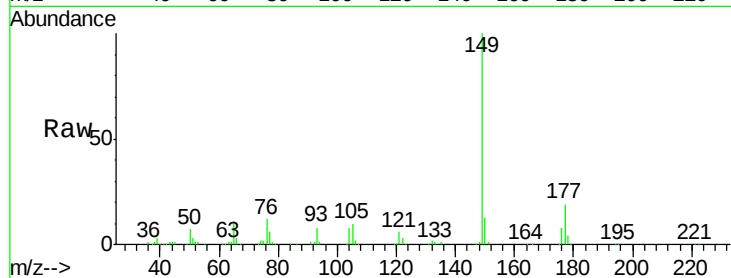
Tot Ion:149 Resp: 310168

Ion Ratio Lower Upper

149 100

177 19.5 18.1 27.1

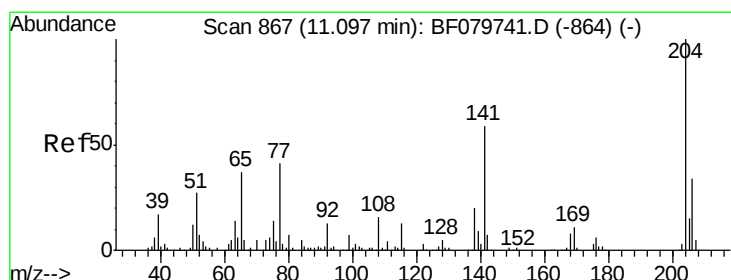
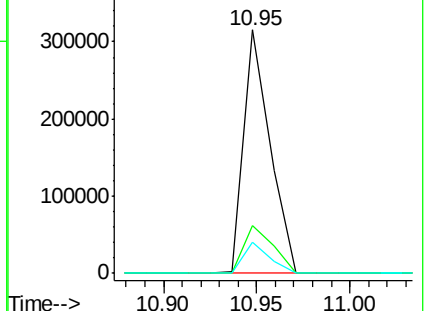
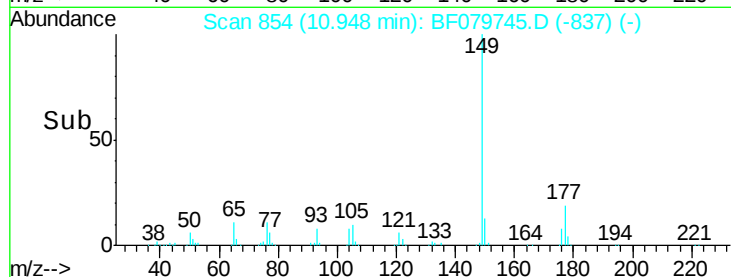
150 12.9 10.5 15.7



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: 38.42 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

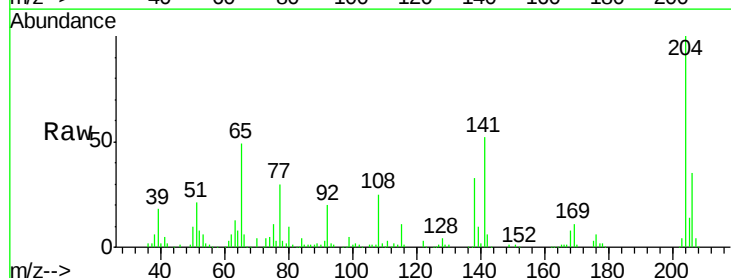
Tgt Ion:204 Resp: 155945

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

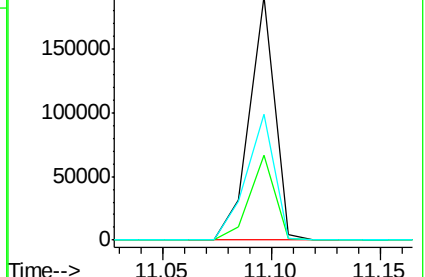
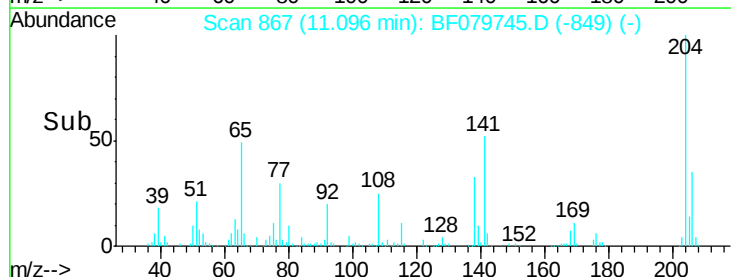
141 51.9 56.5 84.7#

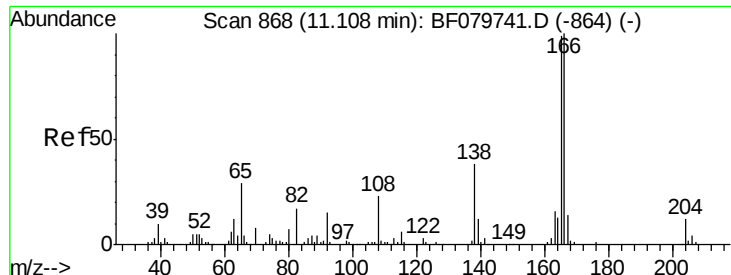


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.40 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

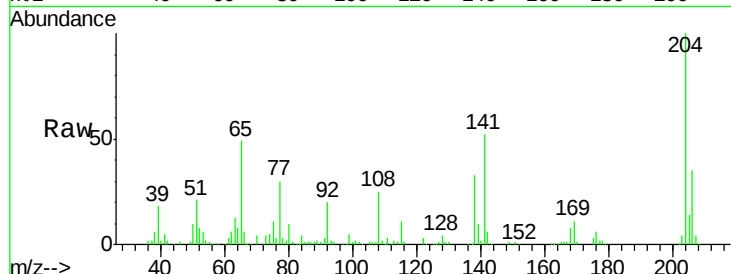
Tot Ion:138 Resp: 67632

Ion Ratio Lower Upper

138 100

92 60.2 38.2 78.2

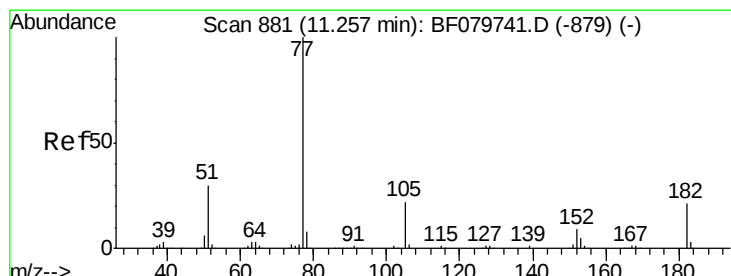
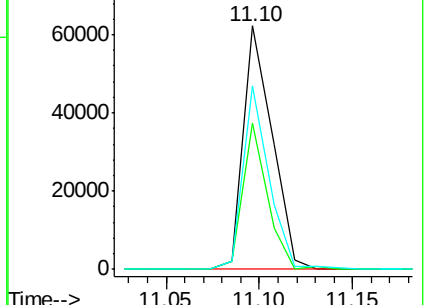
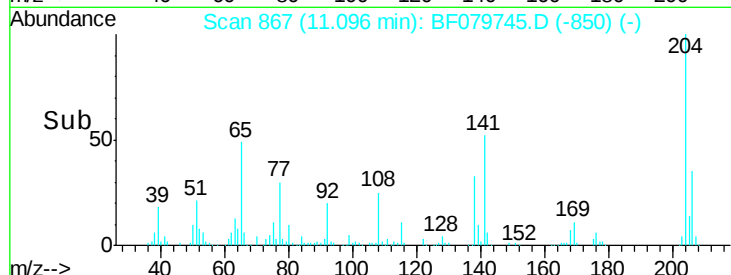
108 75.5 53.8 93.8



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: 40.09 ng

RT: 11.26 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Tgt Ion: 77 Resp: 335271

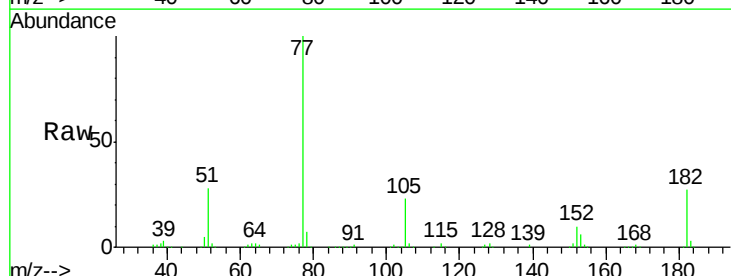
Ion Ratio Lower Upper

77 100

182 26.8 0.0 35.2

105 23.0 0.0 39.5

51 27.7 12.4 52.4

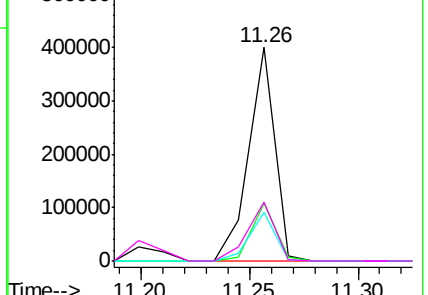
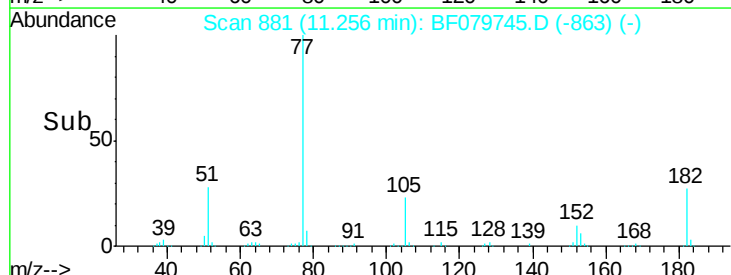


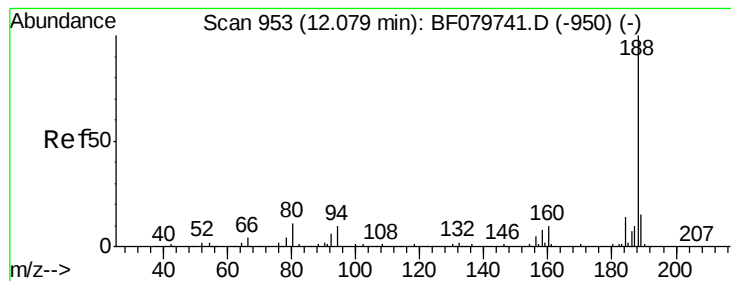
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

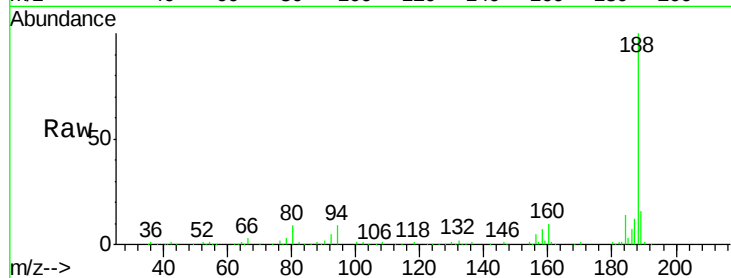
Tot Ion:188 Resp: 219699

Ion Ratio Lower Upper

188 100

94 8.9 5.0 7.4#

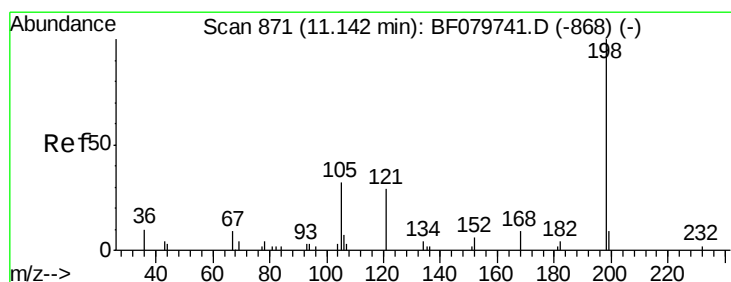
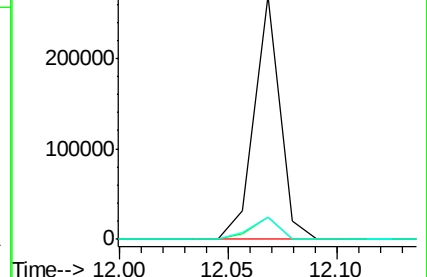
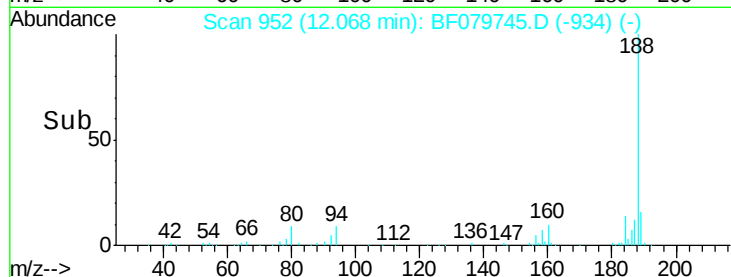
80 9.1 5.3 7.9#



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: 39.10 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

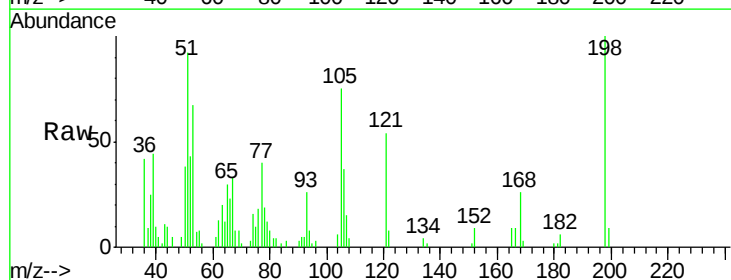
Tgt Ion:198 Resp: 20375

Ion Ratio Lower Upper

198 100

51 91.8 34.4 74.4#

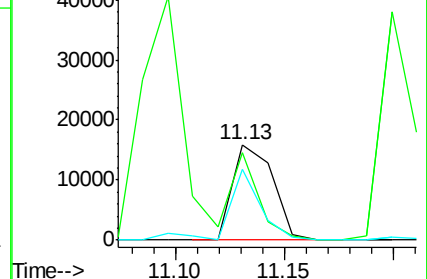
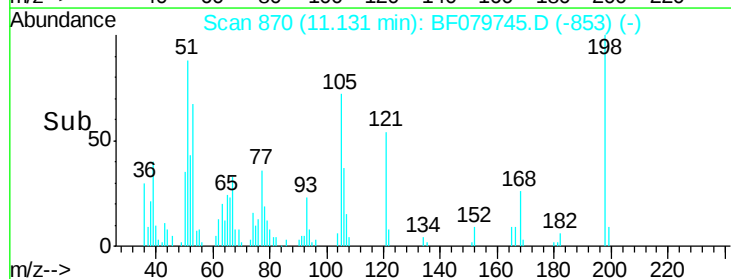
105 74.6 32.7 72.7#

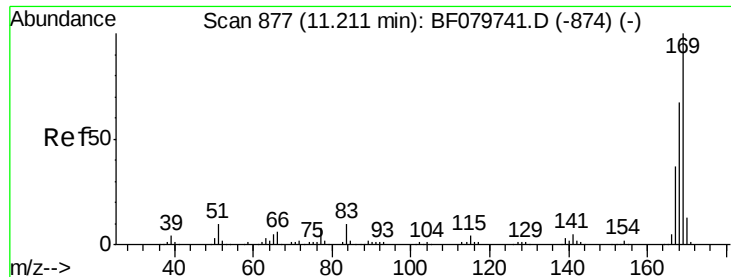


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

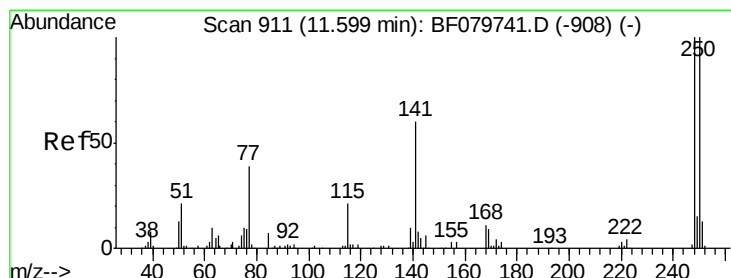
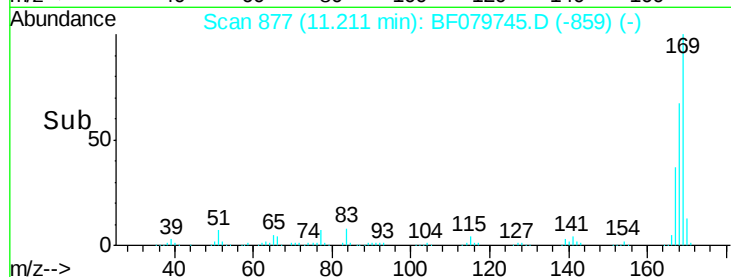
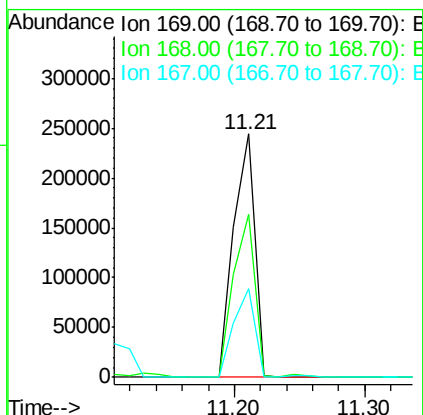
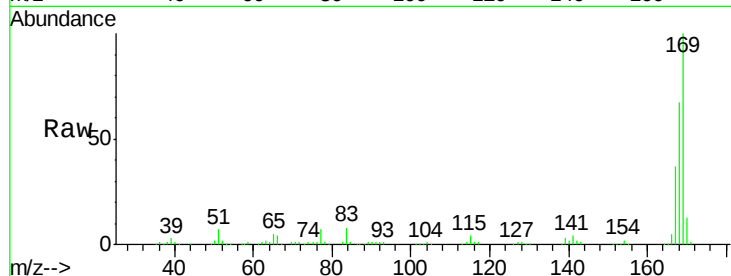




#65
 n-Nitrosodiphenylamine
 Concen: 37.27 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

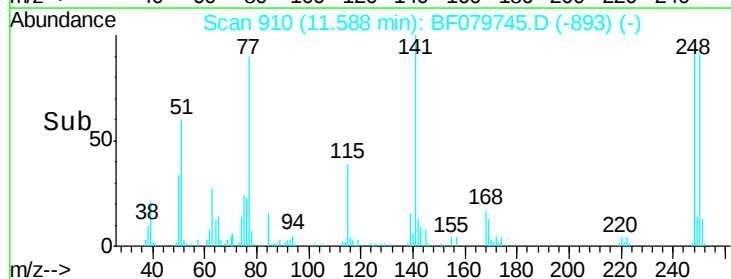
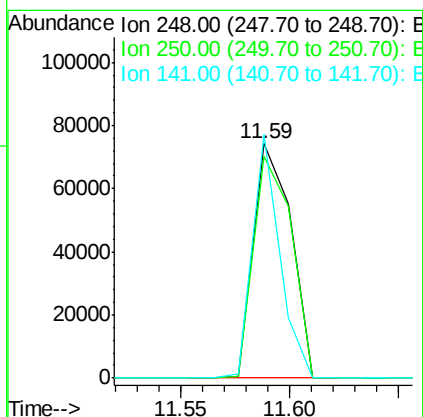
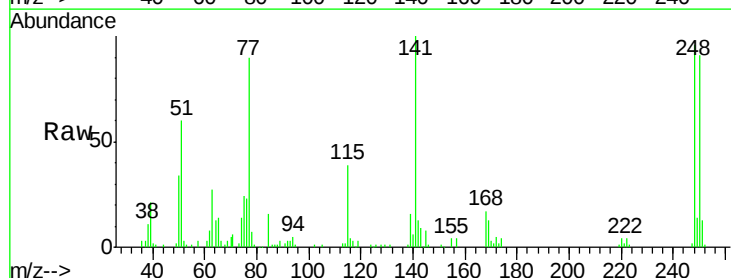
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

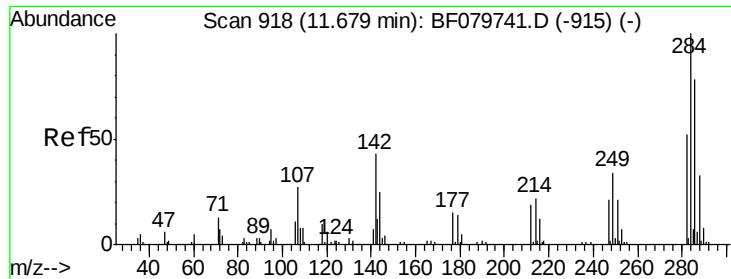
Tot Ion:169 Resp: 273522
 Ion Ratio Lower Upper
 169 100
 168 67.0 54.8 82.2
 167 36.5 29.7 44.5



#66
 4-Bromophenyl-phenylether
 Concen: 37.52 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:248 Resp: 89264
 Ion Ratio Lower Upper
 248 100
 250 95.0 76.1 114.1
 141 104.0 64.6 96.8#

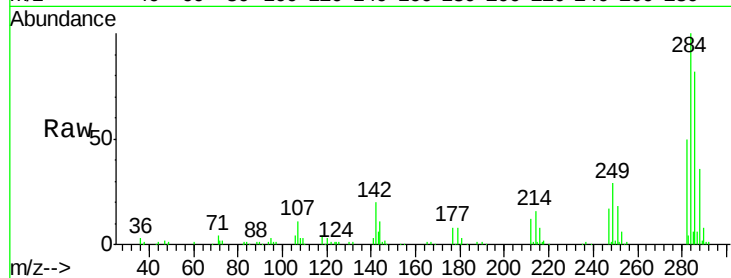




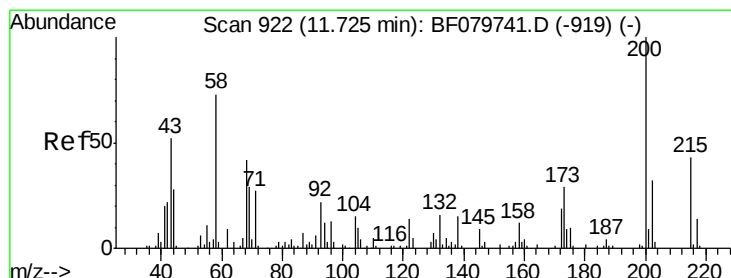
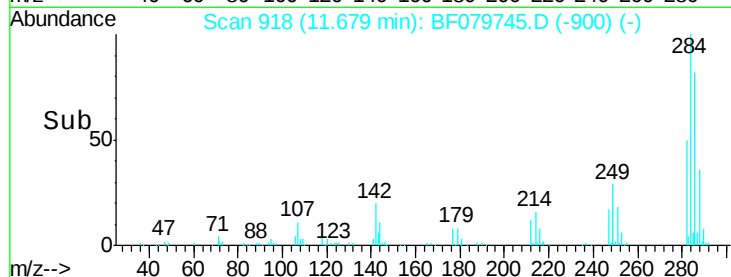
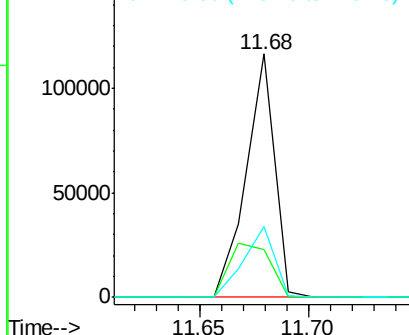
#67
Hexachlorobenzene
Concen: 39.57 ng
RT: 11.68 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:284 Resp: 105873
Ion Ratio Lower Upper
284 100
142 19.7 13.0 19.4#
249 29.1 22.3 33.5

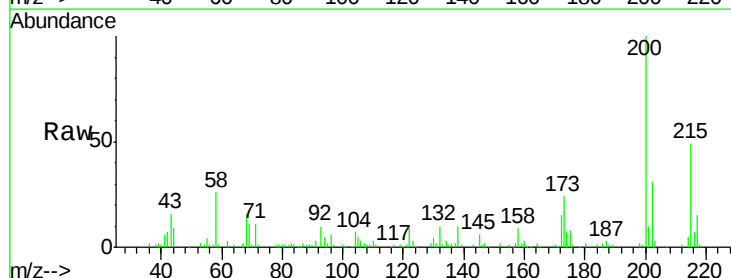


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

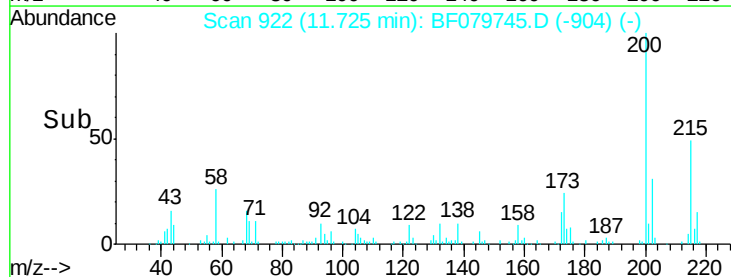
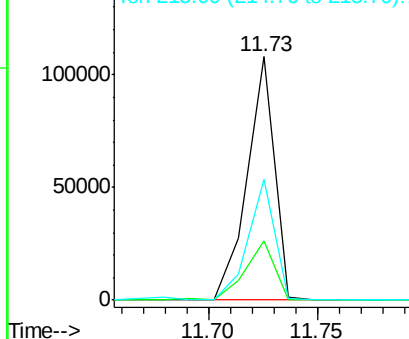


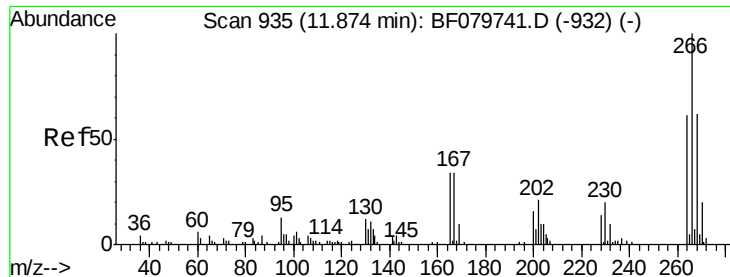
#68
Atrazine
Concen: 42.47 ng
RT: 11.73 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:200 Resp: 93661
Ion Ratio Lower Upper
200 100
173 24.2 5.5 45.5
215 49.4 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

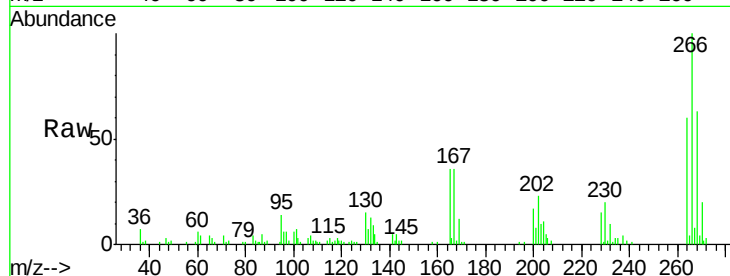




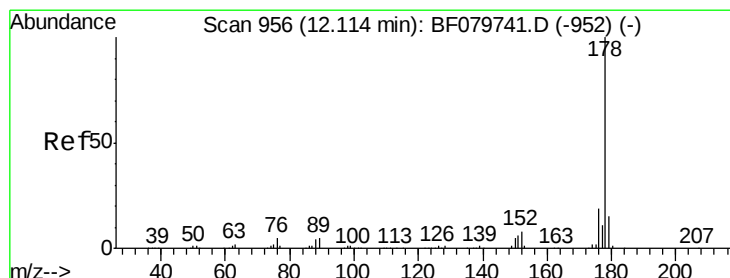
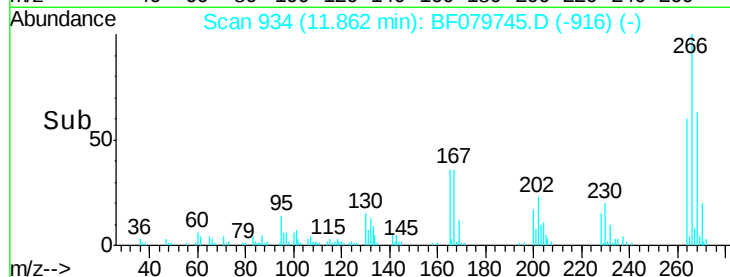
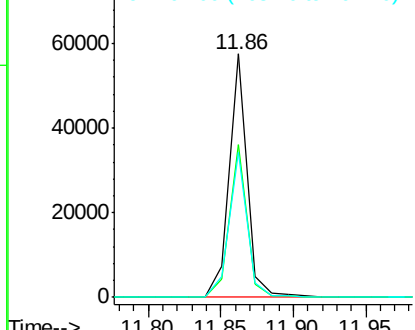
#69
 Pentachlorophenol
 Concen: 43.23 ng
 RT: 11.86 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.4	75.6
264	59.5	51.3	76.9

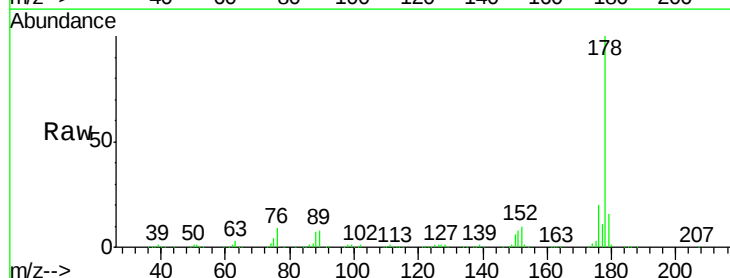


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

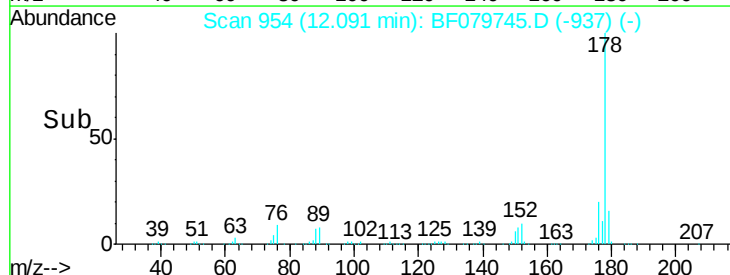
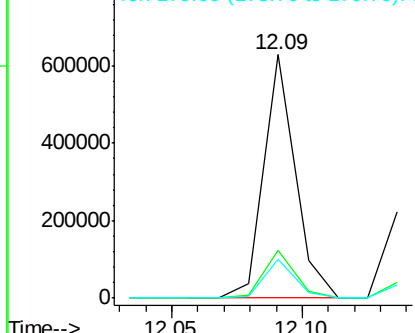


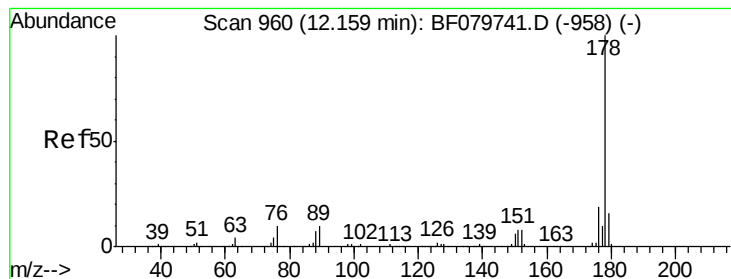
#70
 Phenanthrene
 Concen: 40.72 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	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: 40.79 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

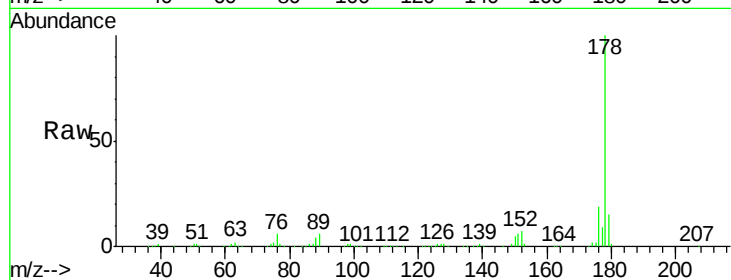
BNA_F

ClientSampleId :

ICVBF060515

Tot Ion:178 Resp: 517321

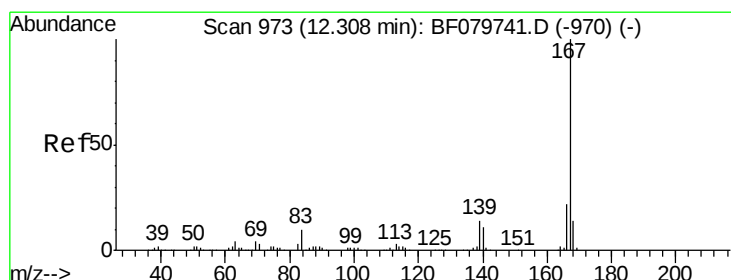
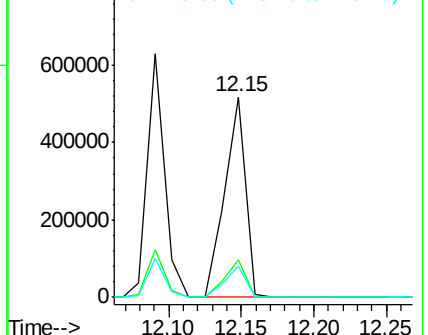
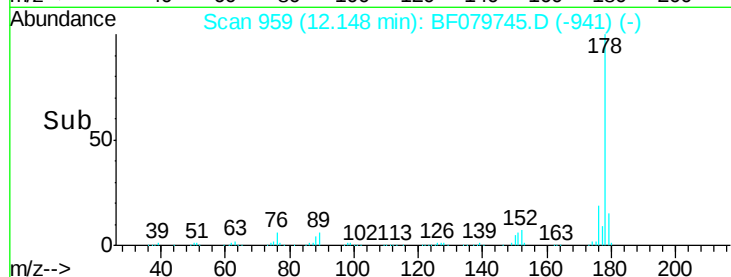
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.2	12.2	18.2



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: 38.50 ng

RT: 12.29 min Scan# 971

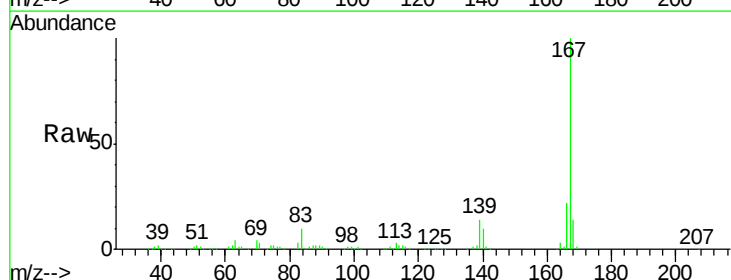
Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Tgt Ion:167 Resp: 464121

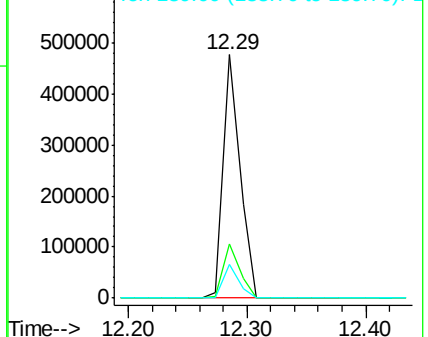
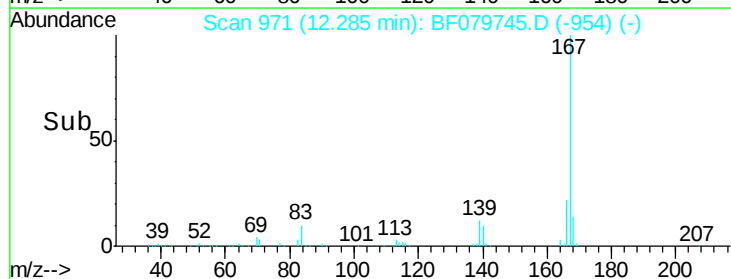
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.8	9.3	13.9

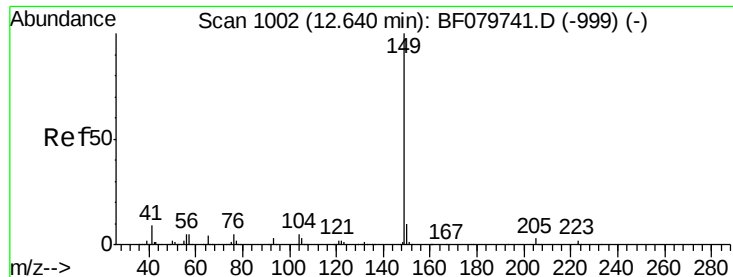


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

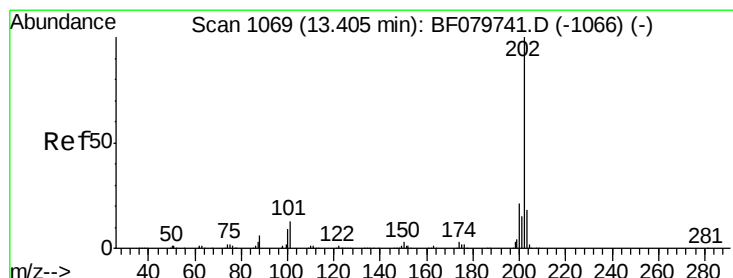
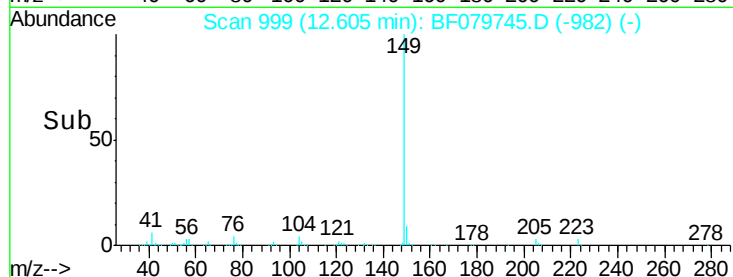
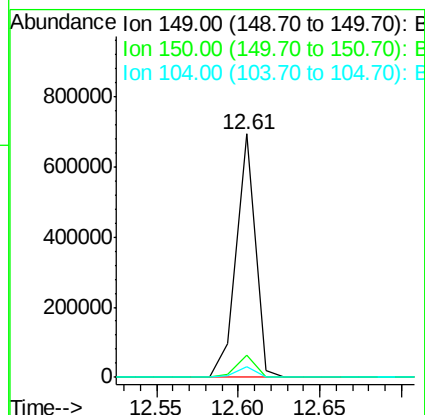
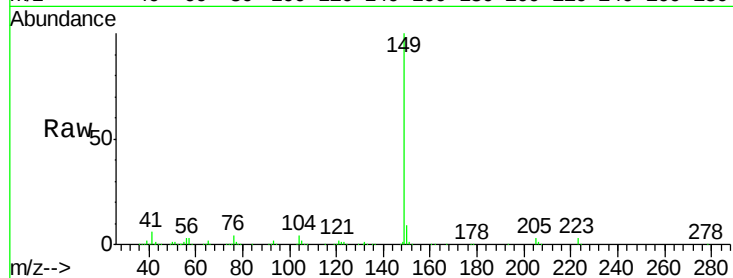




#73
Di-n-butylphthalate
Concen: 40.76 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

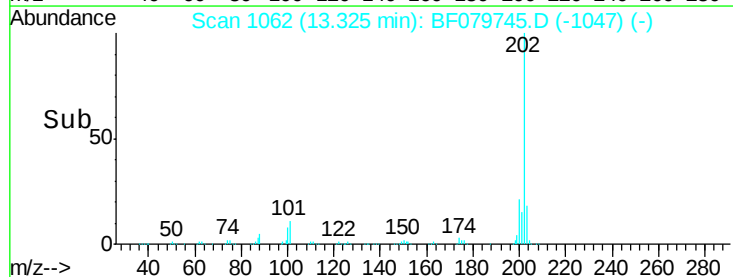
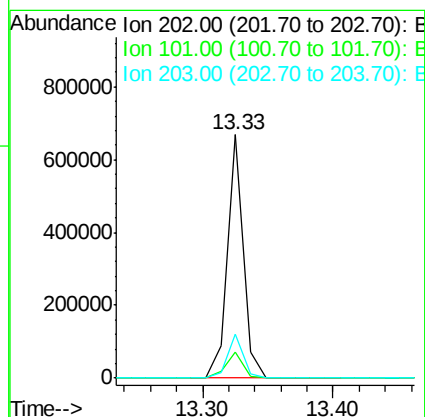
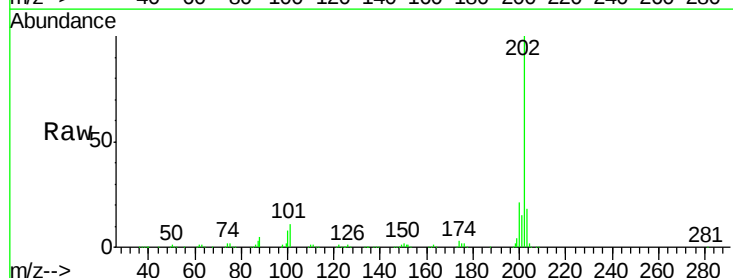
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

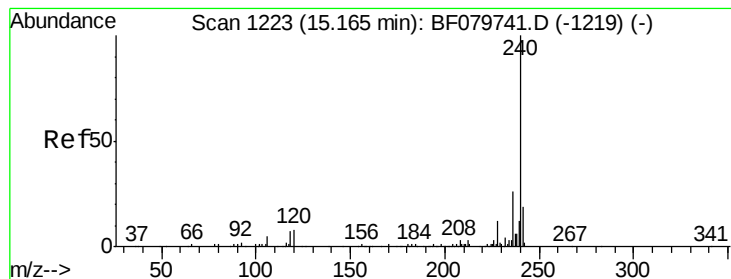
Tot Ion:149 Resp: 557035
Ion Ratio Lower Upper
149 100
150 8.9 9.8 14.8#
104 4.1 12.9 19.3#



#74
Fluoranthene
Concen: 40.64 ng
RT: 13.33 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:202 Resp: 572431
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.3
203 17.9 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.08 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

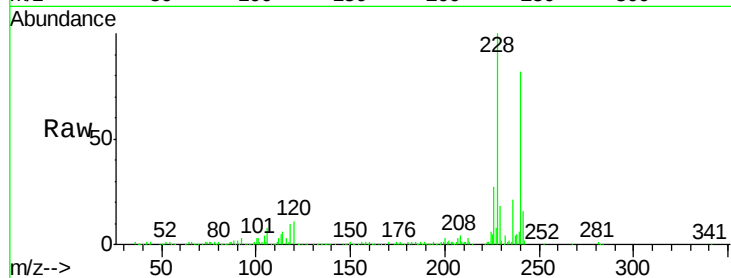
Tot Ion:240 Resp: 231647

Ion Ratio Lower Upper

240 100

120 13.5 6.2 9.2#

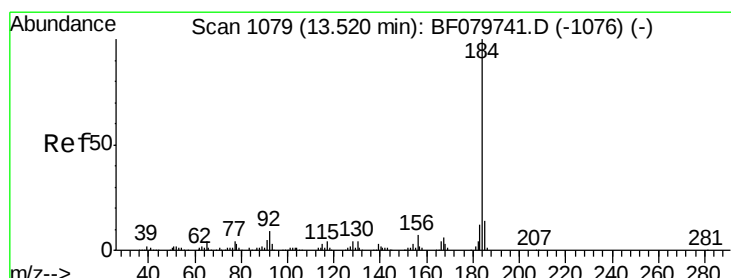
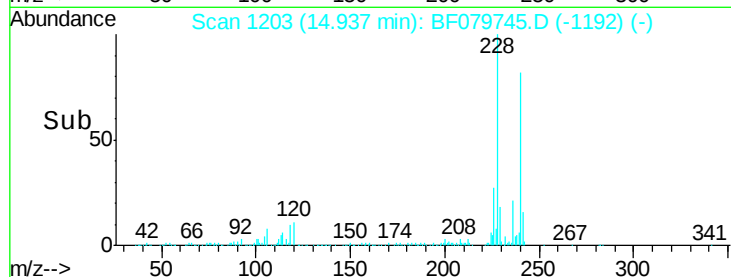
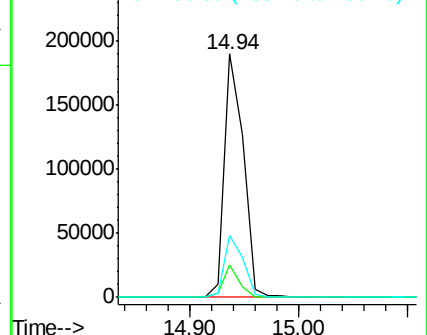
236 25.2 21.0 31.4



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: 41.07 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

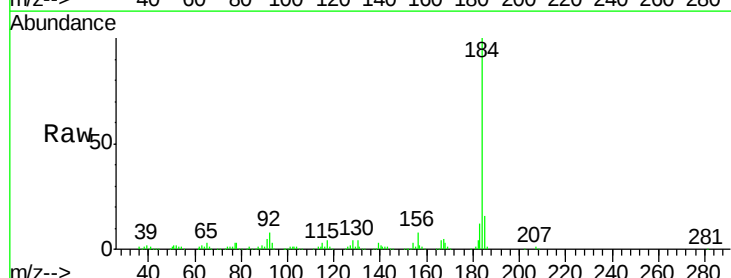
Tgt Ion:184 Resp: 300286

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

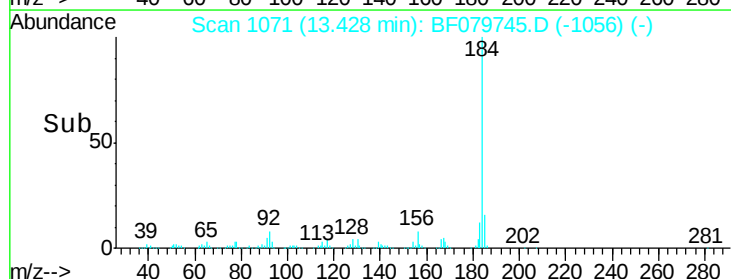
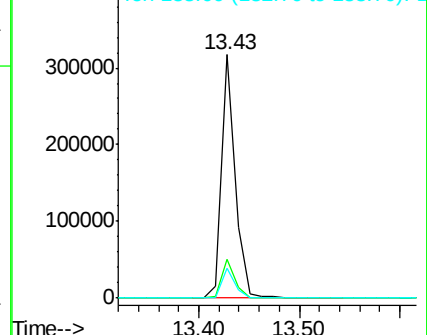
183 12.0 9.3 13.9

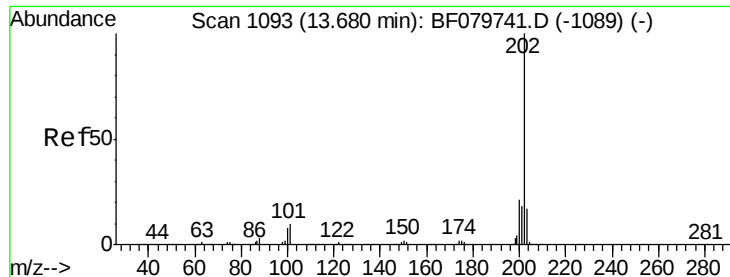


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.78 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

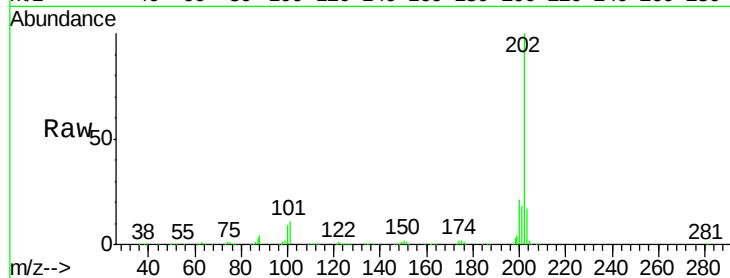
Tot Ion:202 Resp: 593336

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

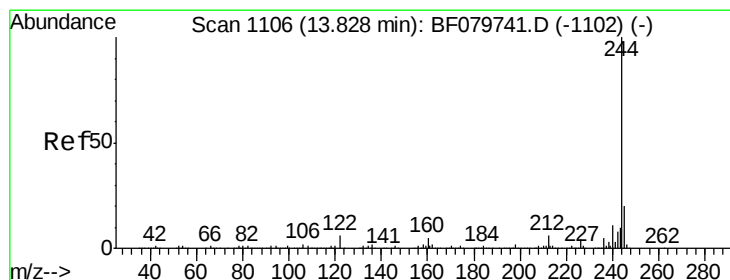
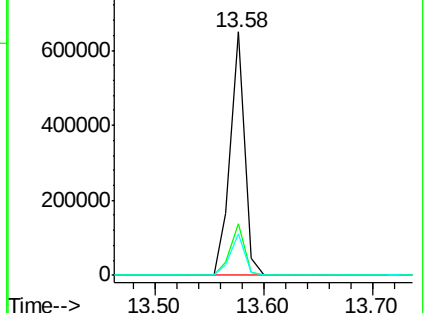
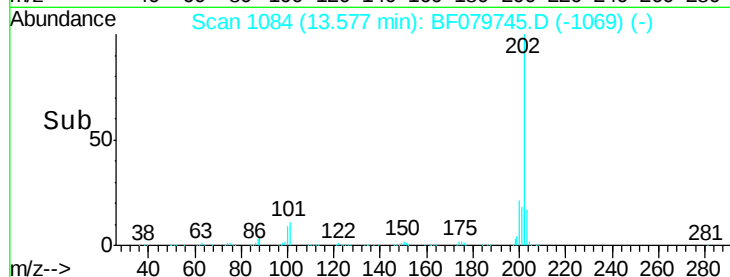
203 17.1 14.8 22.2



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: 39.95 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

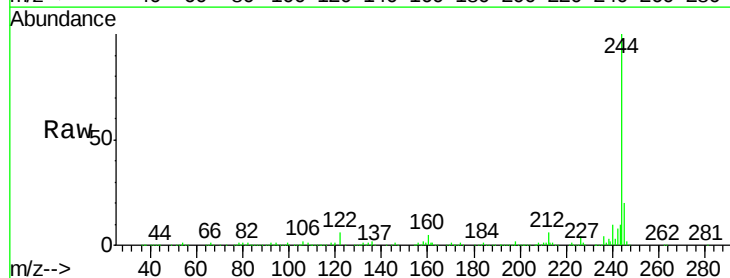
Tgt Ion:244 Resp: 808181

Ion Ratio Lower Upper

244 100

212 6.1 6.1 9.1

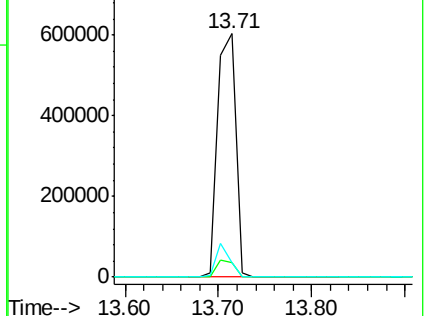
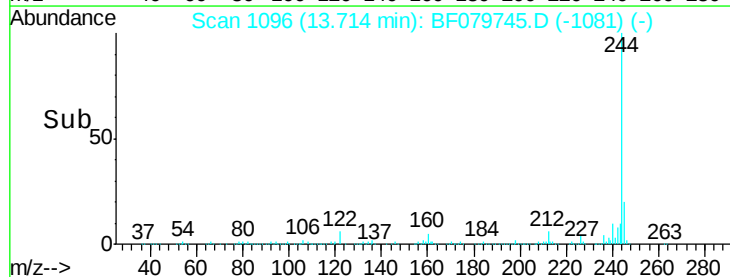
122 5.8 9.3 13.9#

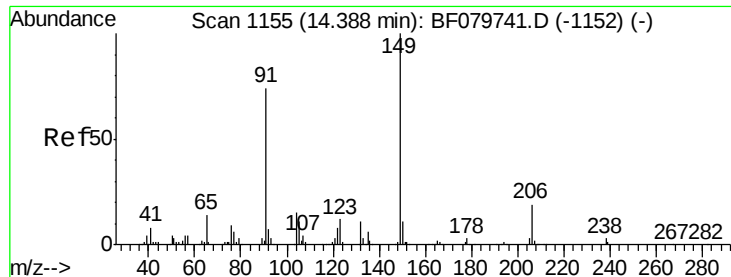


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

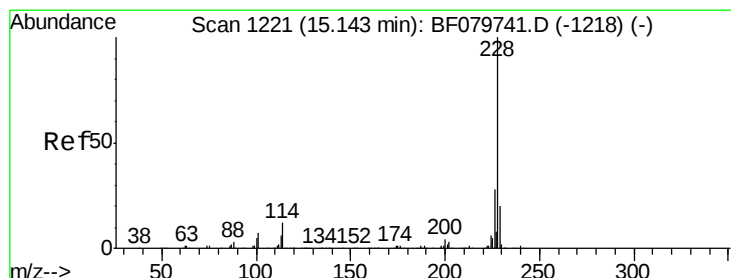
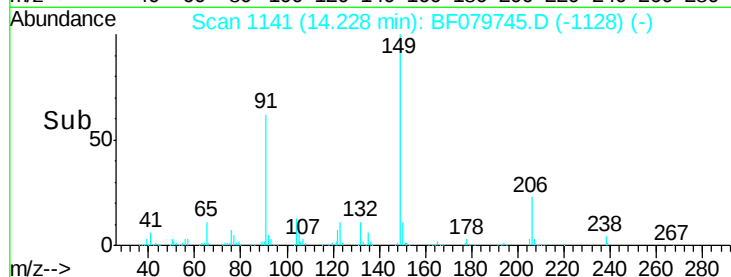
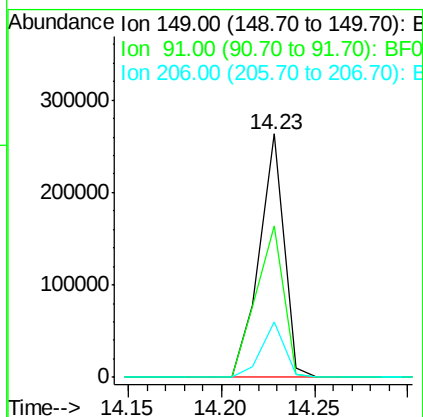
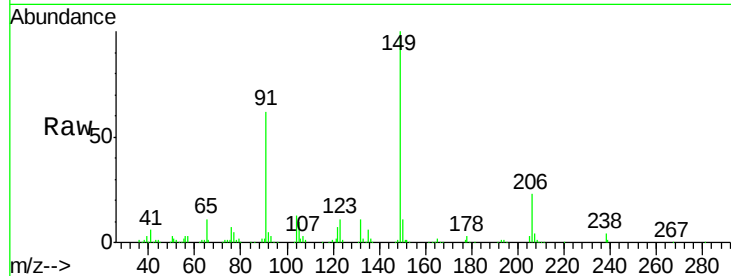




#79
Butylbenzylphthalate
Concen: 42.74 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

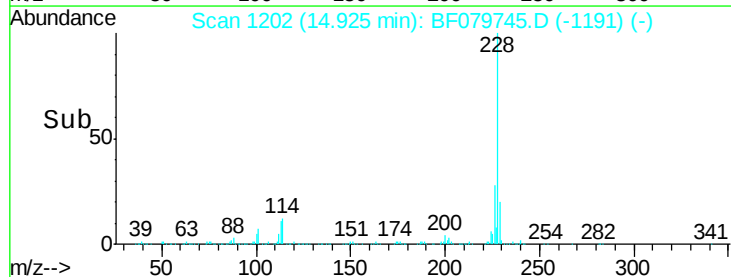
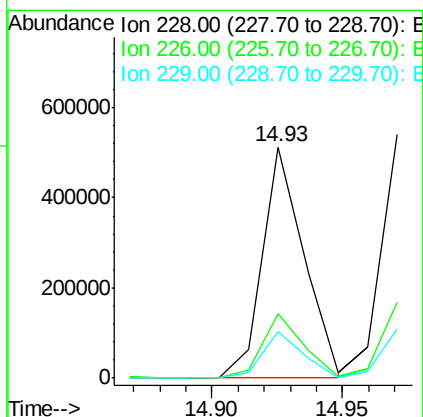
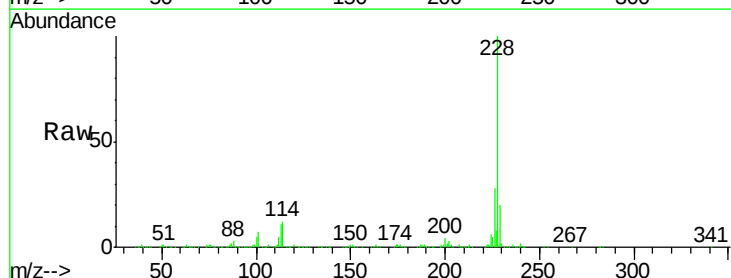
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

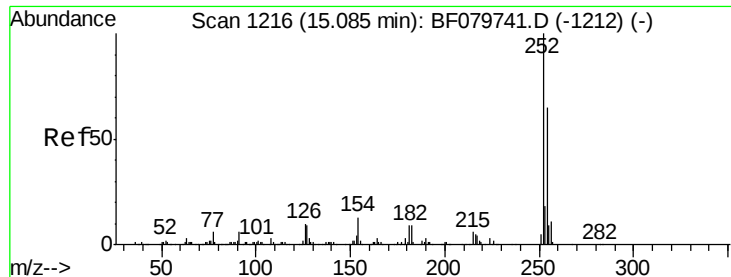
Tot Ion:149 Resp: 241983
Ion Ratio Lower Upper
149 100
91 62.2 64.4 96.6#
206 22.6 14.8 22.2#



#80
Benzo(a)anthracene
Concen: 39.68 ng
RT: 14.93 min Scan# 1202
Delta R.T. -0.08 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:228 Resp: 562705
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.3 16.6 25.0

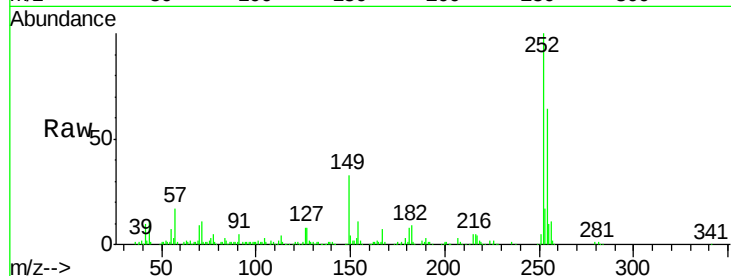




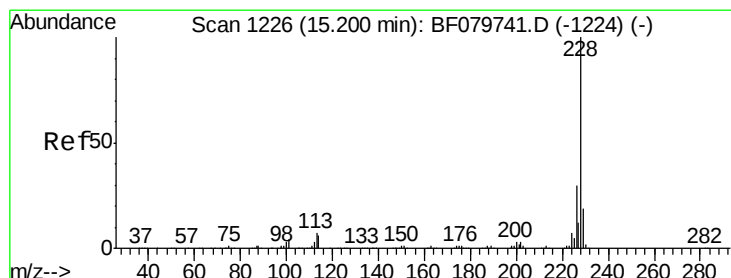
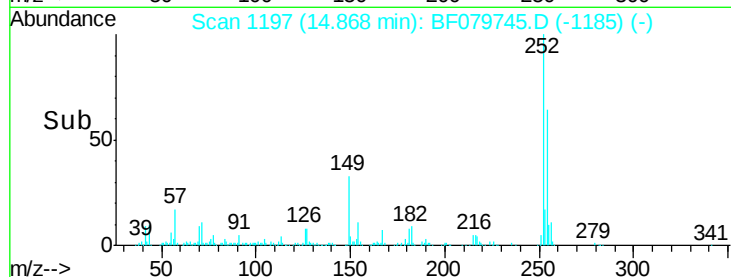
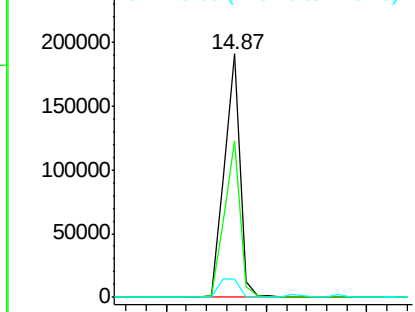
#81
 3,3'-Dichlorobenzidine
 Concen: 42.95 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. -0.07 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion:252 Resp: 206888
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.0 78.0
 126 7.8 6.9 10.3

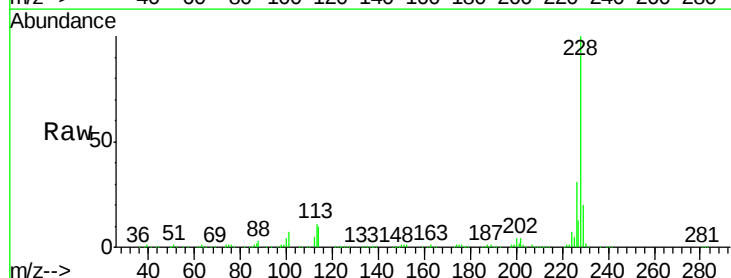


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

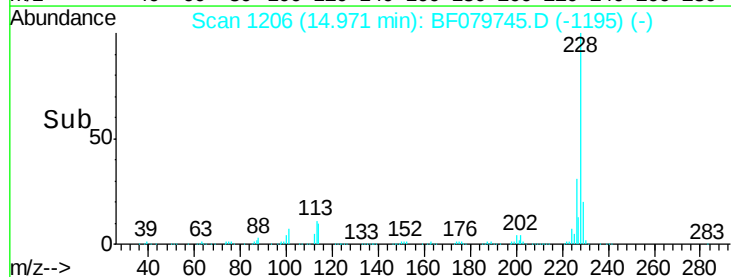
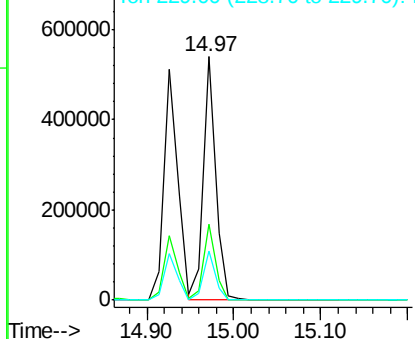


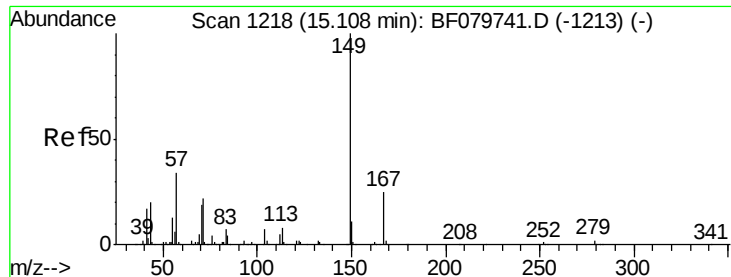
#82
 Chrysene
 Concen: 40.64 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. -0.08 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:228 Resp: 532692
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 20.0 16.2 24.4



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

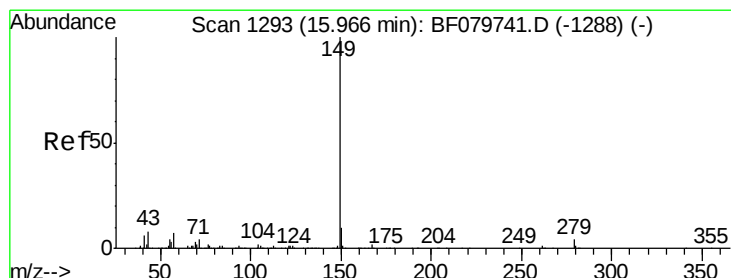
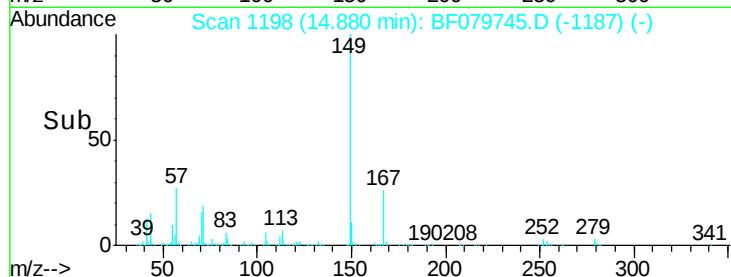
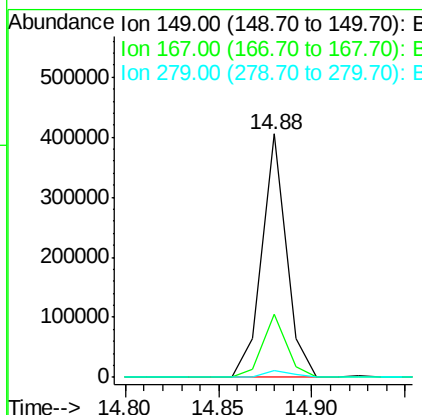
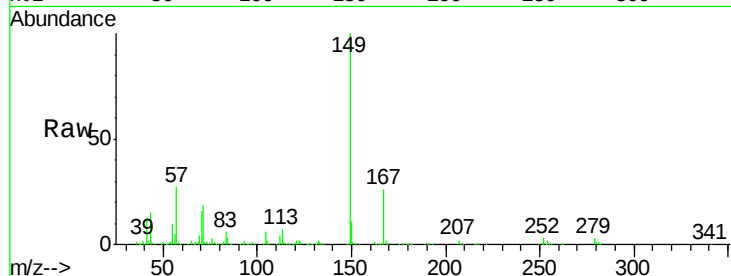




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.14 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. -0.08 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

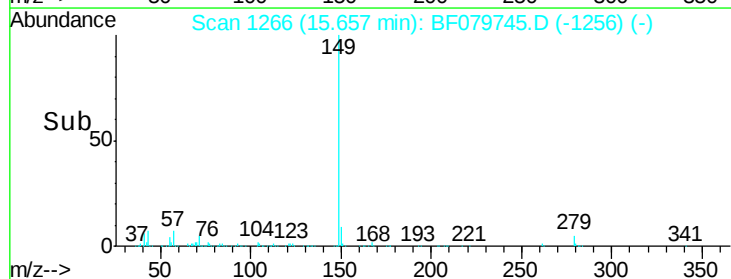
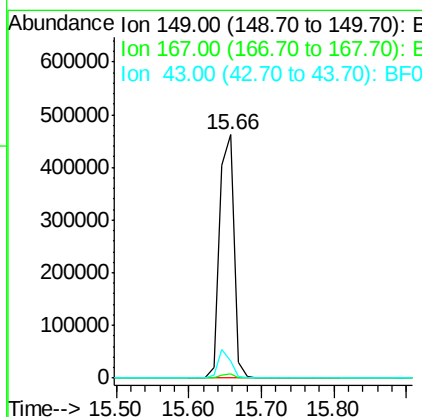
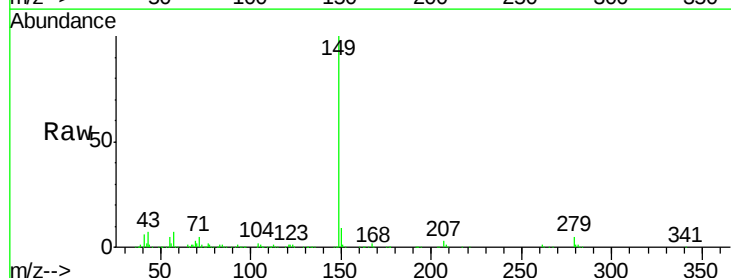
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

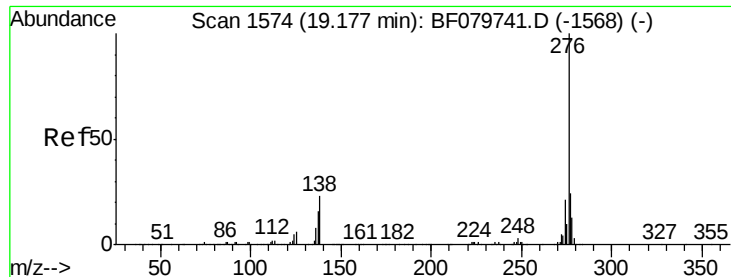
Tot Ion:149 Resp: 367987
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.9 31.3
 279 3.0 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 40.24 ng
 RT: 15.66 min Scan# 1266
 Delta R.T. -0.09 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:149 Resp: 633949
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.0 9.0 13.4

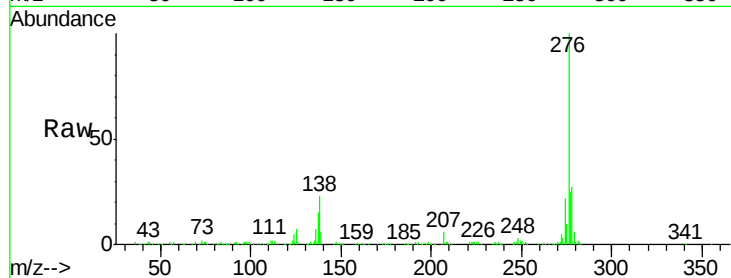




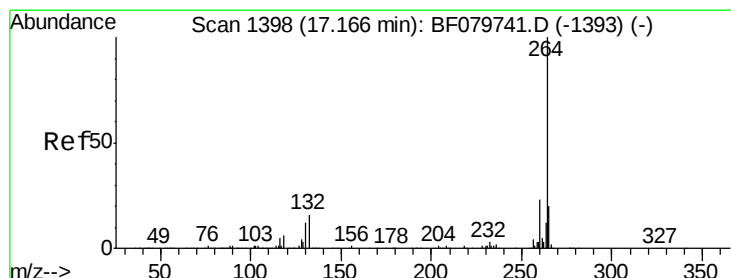
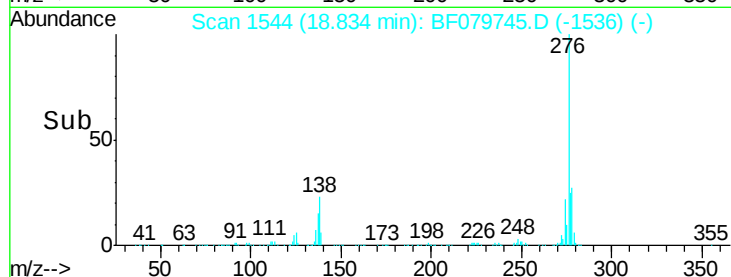
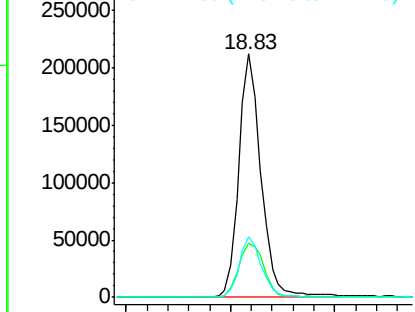
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.45 ng
 RT: 18.83 min Scan# 1544
 Delta R.T. -0.11 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion:276 Resp: 628983
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.8 31.2
 277 25.2 20.0 30.0

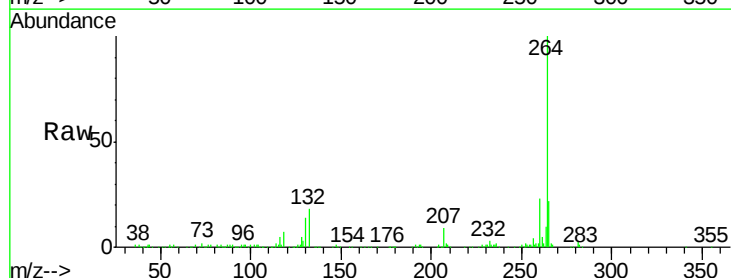


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

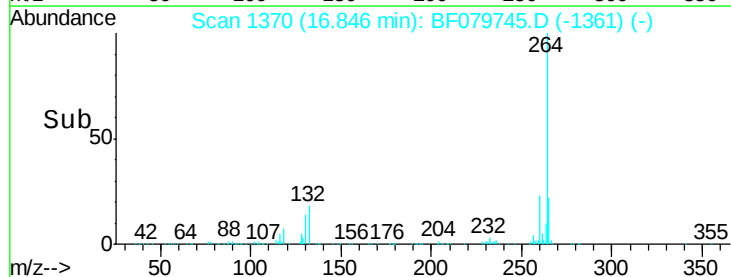
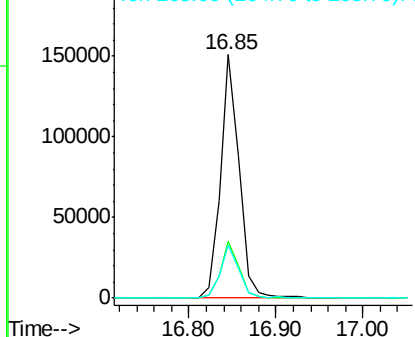


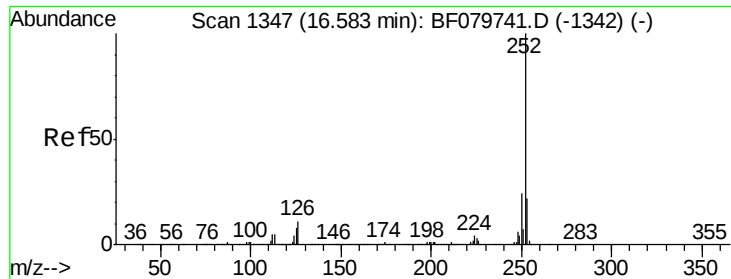
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.85 min Scan# 1370
 Delta R.T. -0.10 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt Ion:264 Resp: 226361
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.8 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

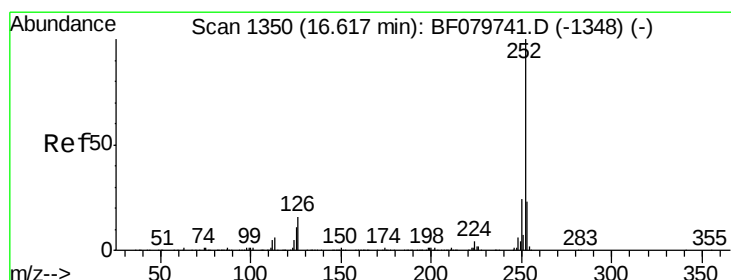
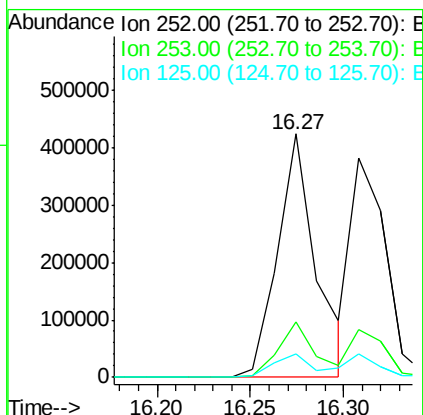
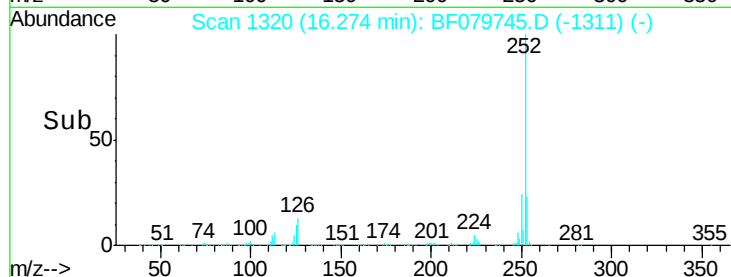
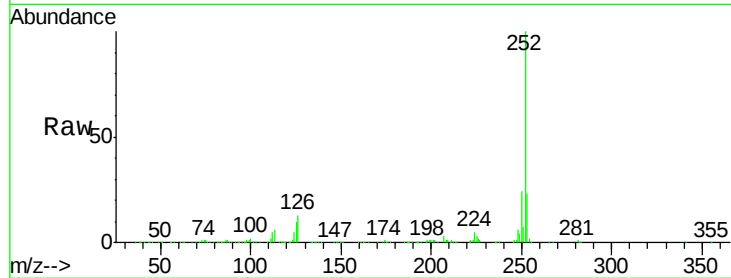




#87
Benzo(b)fluoranthene
Concen: 43.38 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.10 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

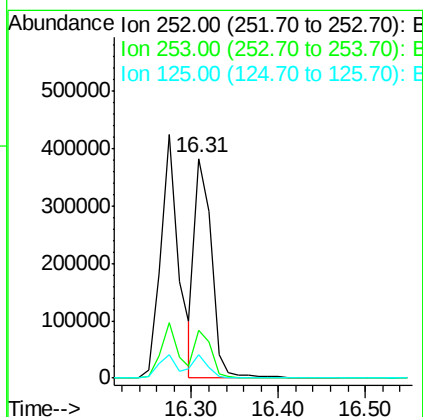
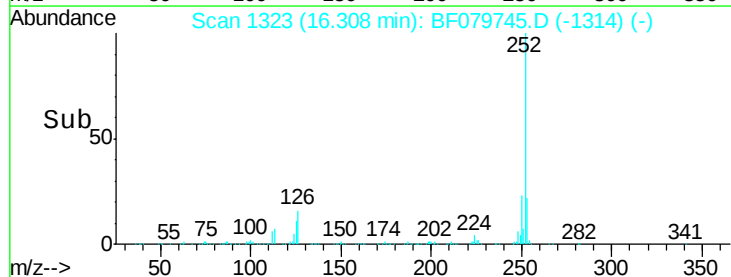
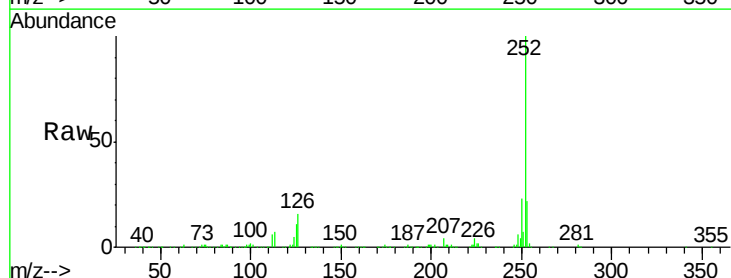
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

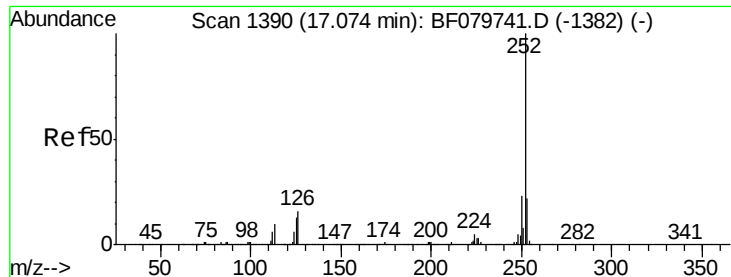
Tot Ion:252 Resp: 610061
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.7 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 37.72 ng
RT: 16.31 min Scan# 1323
Delta R.T. -0.10 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:252 Resp: 508733
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.8 8.4 12.6





#89

Benzo(a)pyrene

Concen: 40.29 ng

RT: 16.77 min Scan# 1363

Delta R.T. -0.10 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

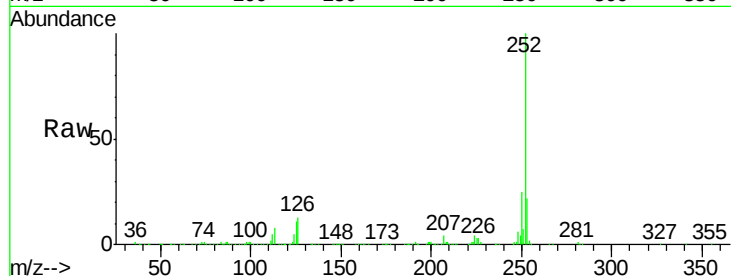
Tot Ion:252 Resp: 523054

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

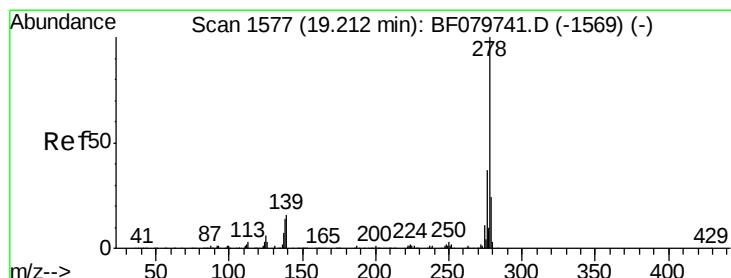
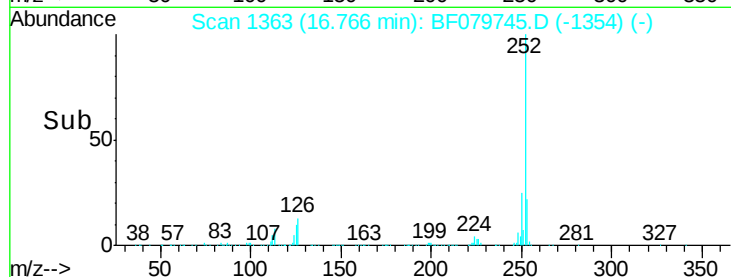
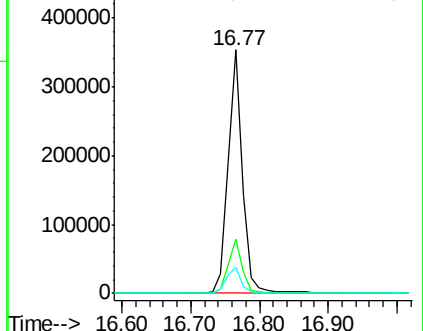
125 10.5 7.4 11.0



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: 39.69 ng

RT: 18.86 min Scan# 1546

Delta R.T. -0.11 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

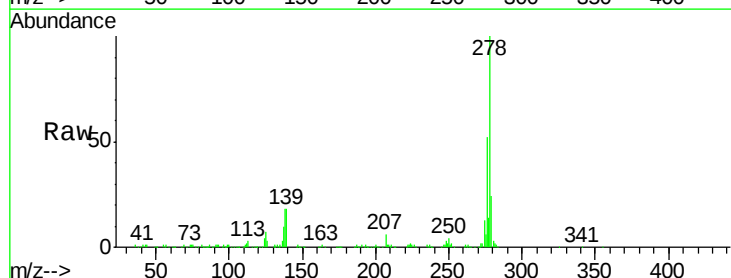
Tgt Ion:278 Resp: 497172

Ion Ratio Lower Upper

278 100

139 17.6 12.7 19.1

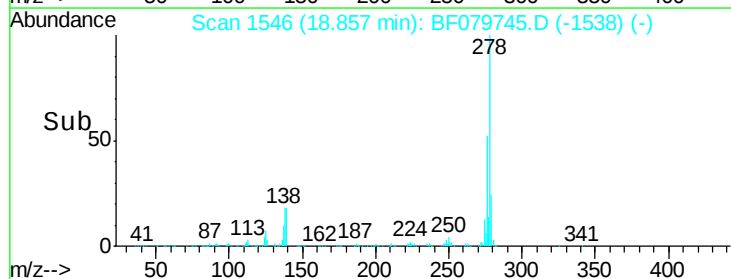
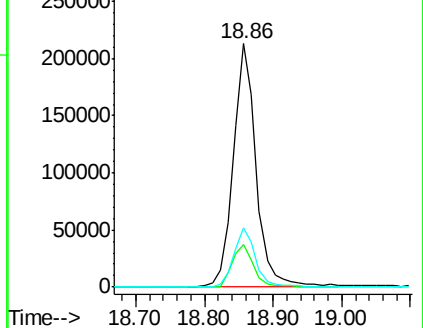
279 24.1 19.4 29.2

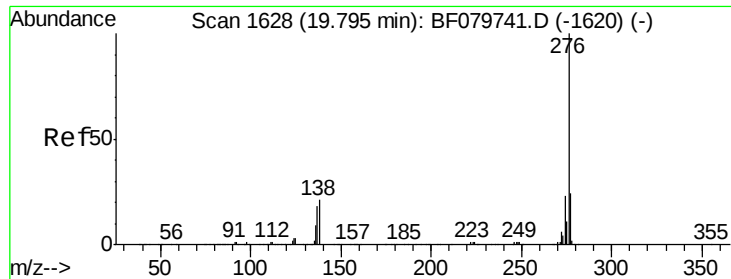


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.82 ng

RT: 19.44 min Scan# 1597

Delta R.T. -0.13 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

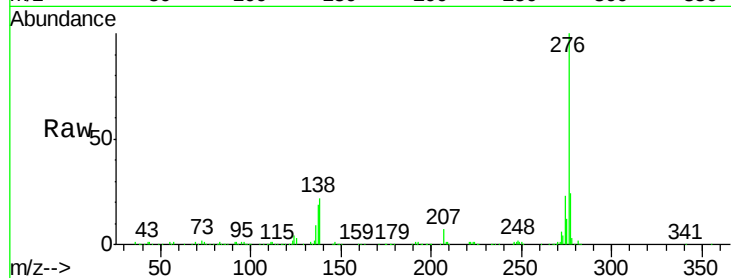
Tot Ion: 276 Resp: 515806

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 22.3 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

