

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 06 10:38:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	182279	20.00	ng	0.14
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.80
38) Acenaphthene-d10	10.56	164	109851	20.00	ng	-0.02
63) Phenanthrene-d10	12.07	188	219699	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.17
86) Perylene-d12	0.00	264	0	0.00	ng	-17.17

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	254617	23.95	ng	-0.02
7) Phenol-d6	7.08	99	318442	23.01	ng	-0.01
23) Nitrobenzene-d5	8.04	82	282371	0.00	ng	-0.02
41) 2,4,6-Tribromophenol	11.36	330	79071	80.16	ng	-0.01
44) 2-Fluorobiphenyl	9.86	172	592304	78.06	ng	-0.01
78) Terphenyl-d14	13.71	244	808198	0.00	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53554	11.15	ng	98
3) Pyridine	4.26	79	162729	12.10	ng	96
4) n-Nitrosodimethylamine	4.18	42	65261	10.37	ng	98
6) Aniline	7.14	93	227393	11.80	ng	97
8) 2-Chlorophenol	7.27	128	131366	10.78	ng	93
9) Benzaldehyde	7.04	77	101298	11.64	ng	81
10) Phenol	7.10	94	180111	12.56	ng	98
11) bis(2-Chloroethyl)ether	7.20	93	141910	11.91	ng	98
12) 1,3-Dichlorobenzene	7.51	146	179138	12.92	ng	96
13) 1,4-Dichlorobenzene	7.67	146	164950	11.15	ng	99
14) 1,2-Dichlorobenzene	7.67	146	164942	12.63	ng	98
15) Benzyl Alcohol	7.61	79	130481	12.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.75	45	177576	9.01	ng	98
17) 2-Methylphenol	7.71	107	103774	10.41	ng	96
18) Hexachloroethane	8.01	117	51294	11.03	ng	90
19) n-Nitroso-di-n-propylamine	7.87	70	109914	11.48	ng	98
20) 3+4-Methylphenols	7.86	107	128106	9.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	136164	38.38	ng	98
40) Hexachlorocyclopentadiene	9.66	237	60402	36.01	ng	97
42) 2,4,6-Trichlorophenol	9.77	196	92406	42.18	ng	100
43) 2,4,5-Trichlorophenol	9.80	196	91051	36.28	ng	# 88
45) 1,1'-Biphenyl	9.96	154	375647	42.72	ng	# 99
46) 2-Chloronaphthalene	10.00	162	289744	40.34	ng	# 92
47) 2-Nitroaniline	10.08	65	61267	39.09	ng	# 58
48) Acenaphthylene	10.42	152	495956	40.35	ng	99
49) Dimethylphthalate	10.25	163	316066	37.35	ng	# 96
50) 2,6-Dinitrotoluene	10.31	165	52613	33.88	ng	# 76
51) Acenaphthene	10.59	154	285851	39.52	ng	99
52) 3-Nitroaniline	10.48	138	66937	39.20	ng	85
53) 2,4-Dinitrophenol	10.59	184	13112	39.62	ng	# 1
54) Dibenzofuran	10.76	168	419829	40.50	ng	97
55) 4-Nitrophenol	10.62	139	55949	38.85	ng	# 83
56) 2,4-Dinitrotoluene	10.72	165	73926	41.23	ng	# 74
57) Fluorene	11.11	166	330226	37.29	ng	100

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 06 10:38:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

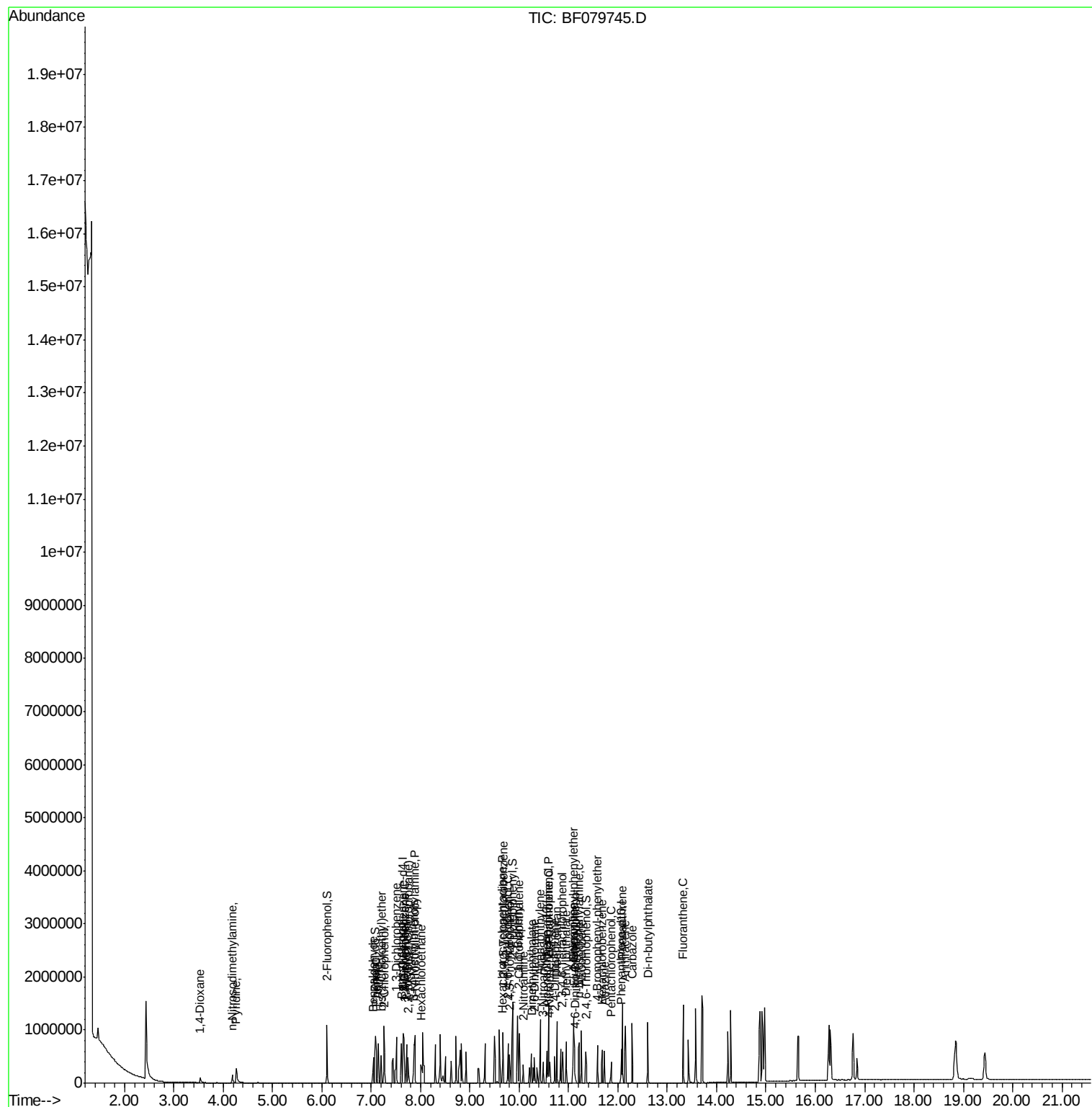
58) 2,3,4,6-Tetrachlorophenol	10.88	232	79829	42.90	nq	95
59) Diethylphthalate	10.95	149	310168	36.41	nq	96
60) 4-Chlorophenyl-phenylether	11.10	204	155945	39.99	nq #	83
61) 4-Nitroaniline	11.10	138	67632	37.88	nq	98
62) Azobenzene	11.26	77	335271	41.35	nq	87
64) 4,6-Dinitro-2-methylphenol	11.13	198	20375	35.36	nq #	58
65) n-Nitrosodiphenylamine	11.21	169	273522	39.58	nq	98
66) 4-Bromophenyl-phenylether	11.59	248	89264	38.37	nq #	88
67) Hexachlorobenzene	11.68	284	105873	40.32	nq #	96
68) Atrazine	11.73	200	93661	40.28	nq	98
69) Pentachlorophenol	11.86	266	49347	39.29	nq	97
70) Phenanthrene	12.09	178	523717	40.98	nq	99
71) Anthracene	12.15	178	517321	40.91	nq	100
72) Carbazole	12.29	167	464121	39.38	nq	98
73) Di-n-butylphthalate	12.61	149	557035	39.74	nq #	80
74) Fluoranthene	13.33	202	572431	41.29	nq	99

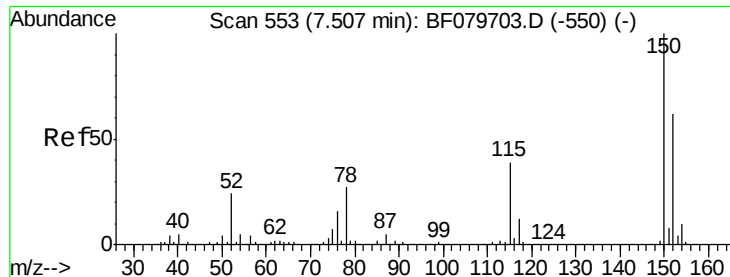
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 06 10:38:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration



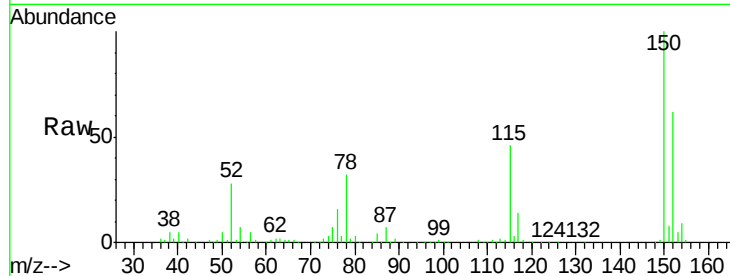


#1

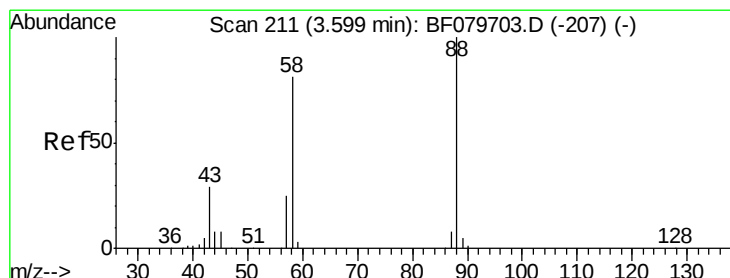
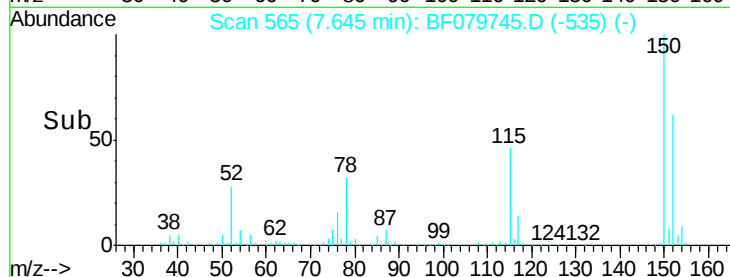
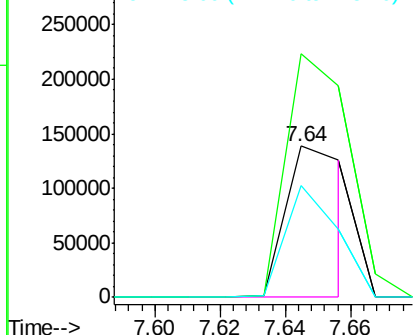
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.14 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:152 Resp: 182279
Ion Ratio Lower Upper
152 100
150 161.3 128.1 192.1
115 73.8 49.7 74.5



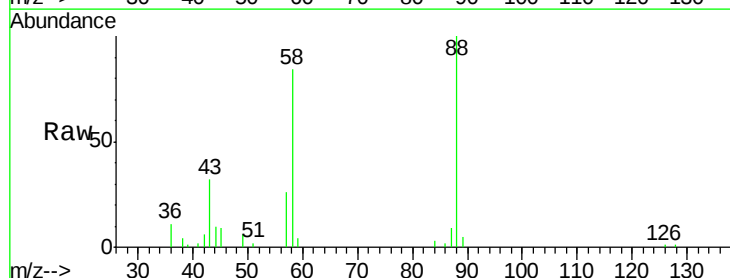
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



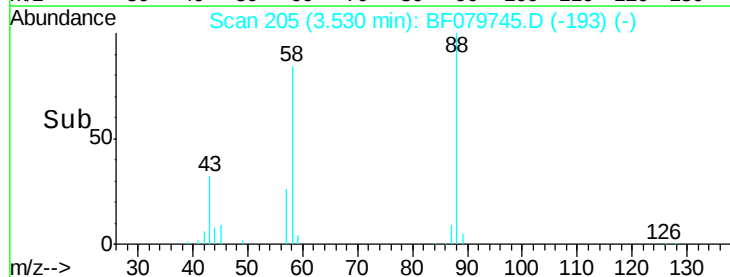
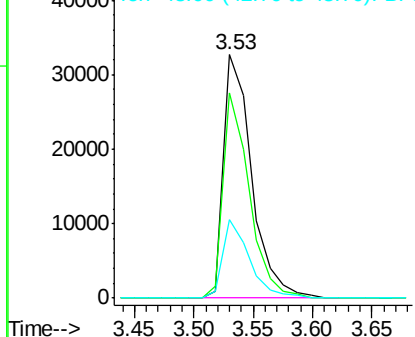
#2

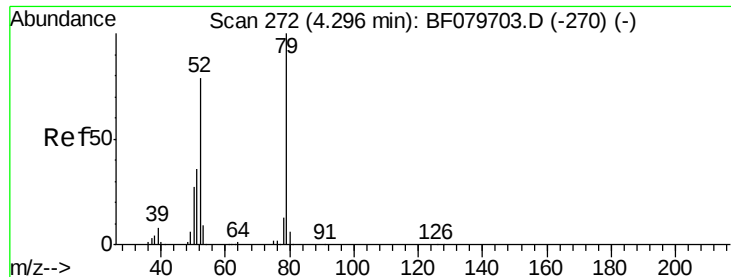
1,4-Dioxane
Concen: 11.15 ng
RT: 3.53 min Scan# 205
Delta R.T. -0.07 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

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: 12.10 ng

RT: 4.26 min Scan# 269

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

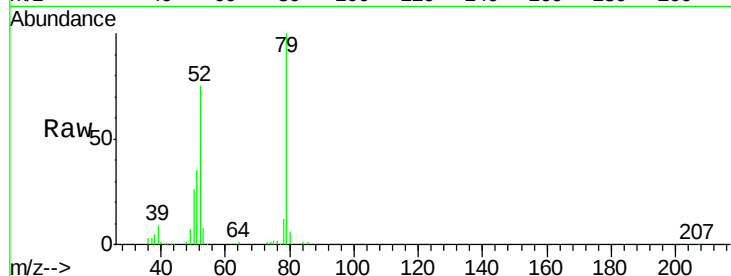
Tot Ion: 79 Resp: 162729

Ion Ratio Lower Upper

79 100

52 74.7 63.1 94.7

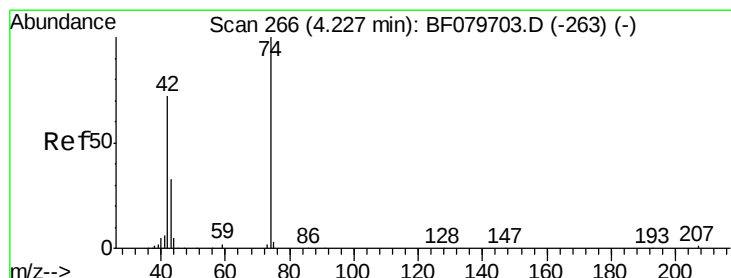
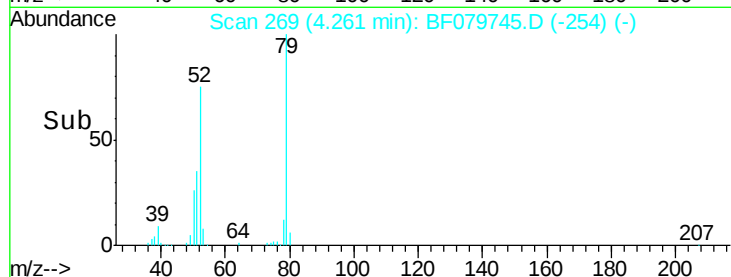
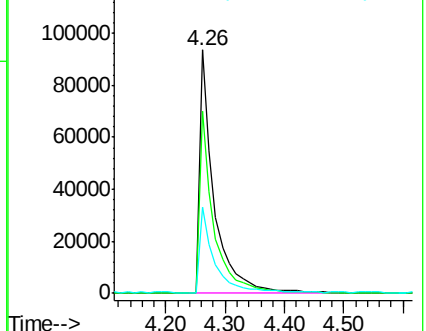
51 35.2 29.3 43.9



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: 10.37 ng

RT: 4.18 min Scan# 262

Delta R.T. -0.05 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

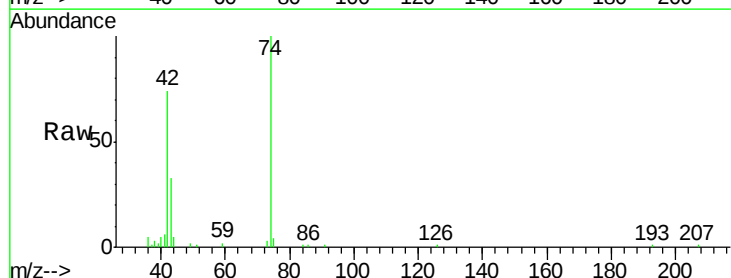
Tgt Ion: 42 Resp: 65261

Ion Ratio Lower Upper

42 100

74 135.8 110.6 165.8

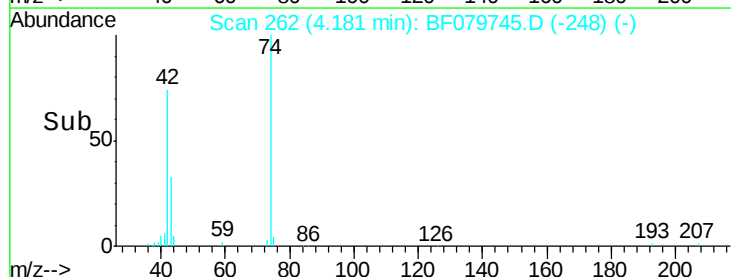
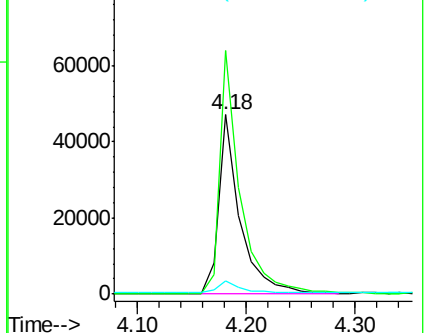
44 7.1 6.2 9.2

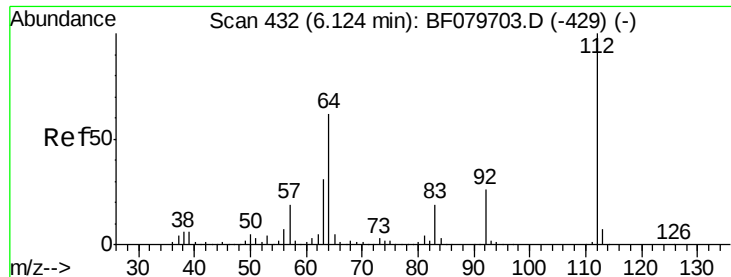


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 23.95 ng

RT: 6.10 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

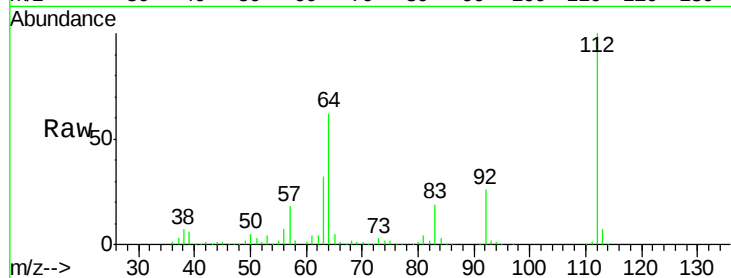
Tot Ion:112 Resp: 254617

Ion Ratio Lower Upper

112 100

64 61.6 49.6 74.4

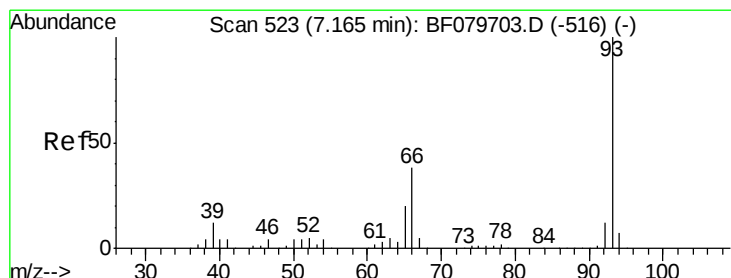
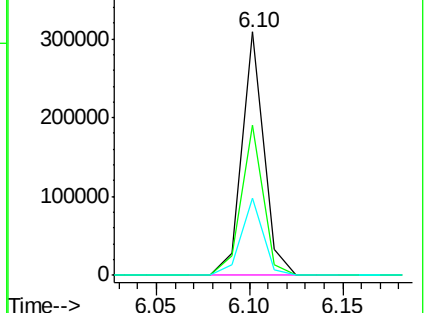
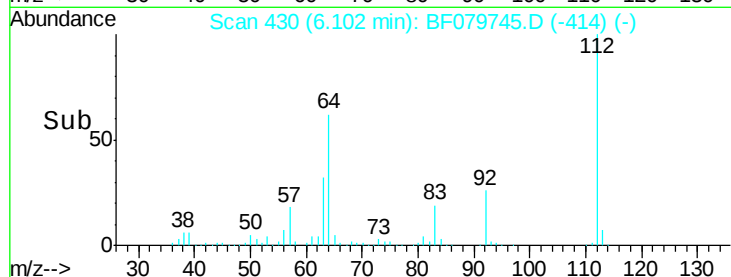
63 31.7 24.9 37.3



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: 11.80 ng

RT: 7.14 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

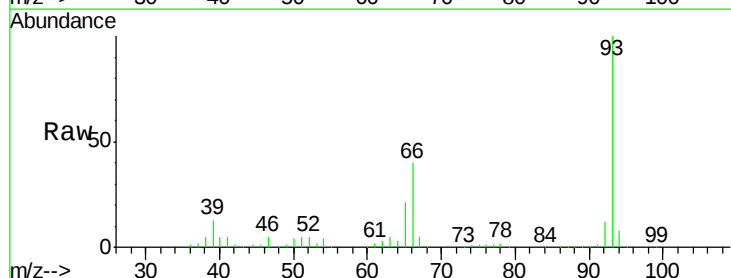
Tgt Ion: 93 Resp: 227393

Ion Ratio Lower Upper

93 100

66 39.9 30.3 45.5

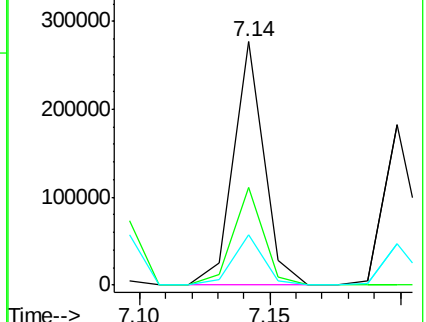
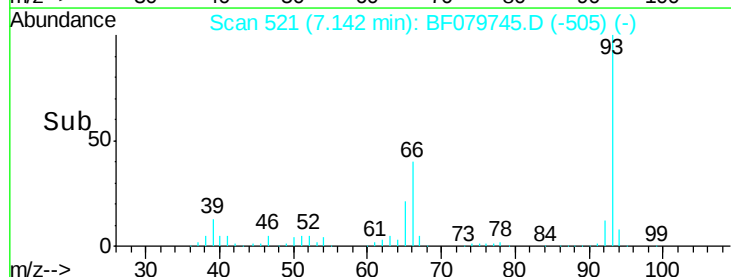
65 20.7 15.8 23.6

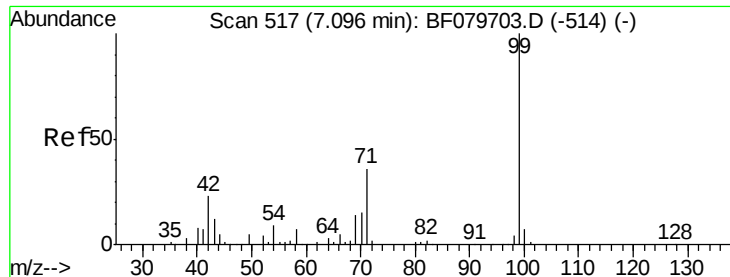


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.01 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

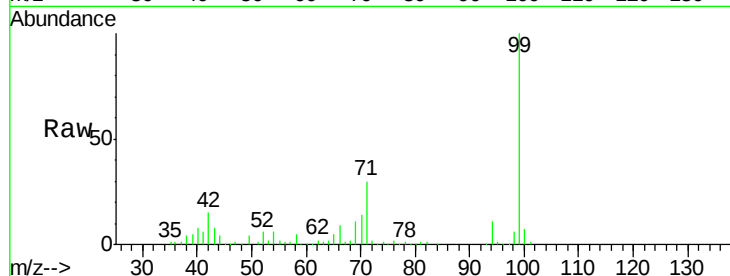
Tot Ion: 99 Resp: 318442

Ion Ratio Lower Upper

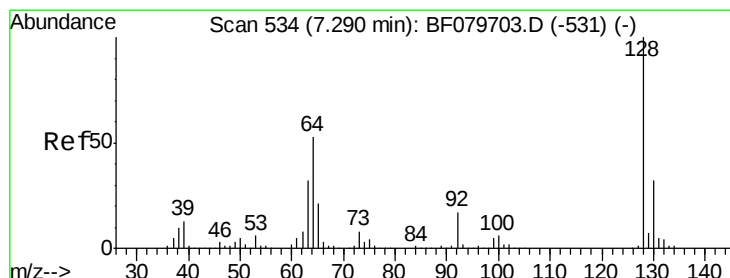
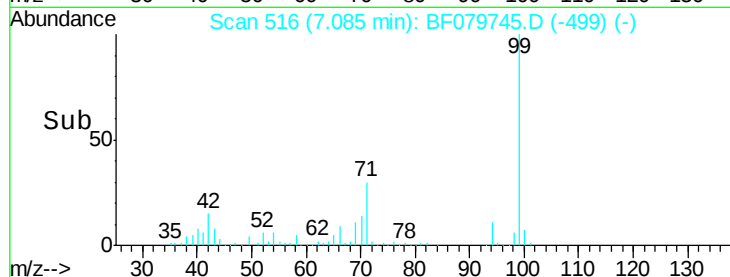
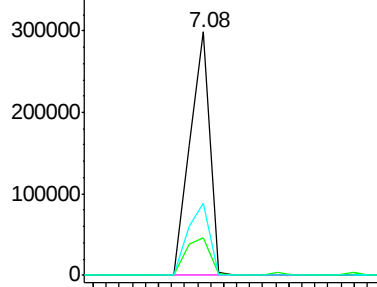
99 100

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: 10.78 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

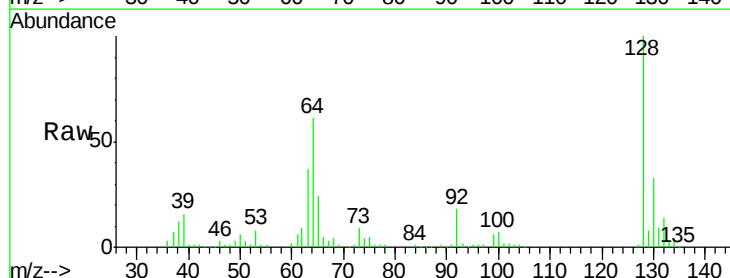
Tgt Ion: 128 Resp: 131366

Ion Ratio Lower Upper

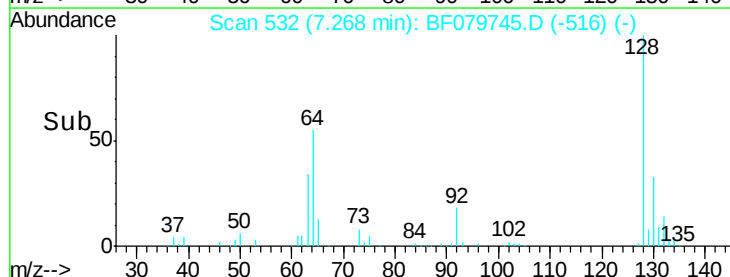
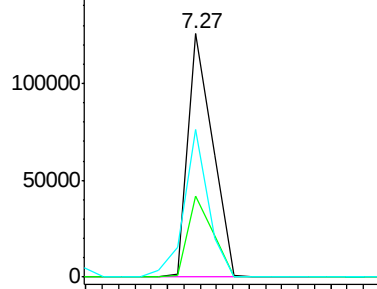
128 100

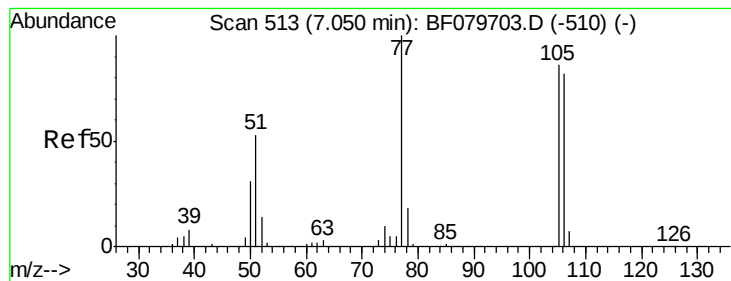
130 33.1 12.3 52.3

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: 11.64 ng

RT: 7.04 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

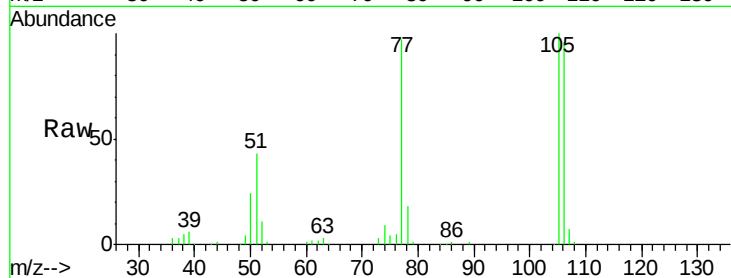
Tot Ion: 77 Resp: 101298

Ion Ratio Lower Upper

77 100

105 103.1 66.1 106.1

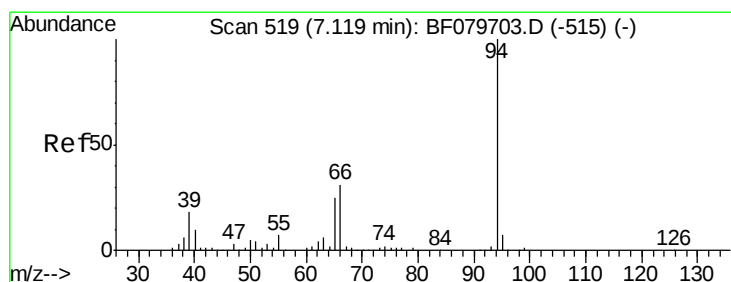
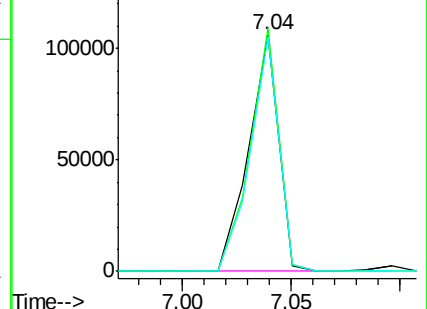
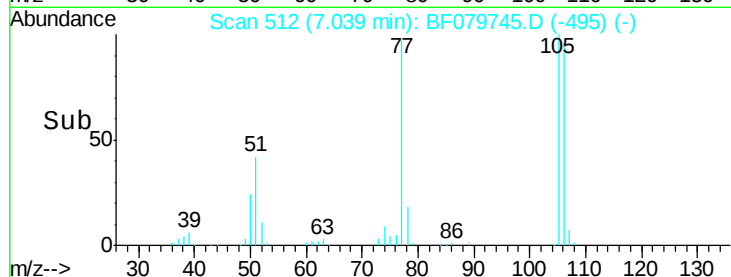
106 99.3 61.9 101.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 12.56 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

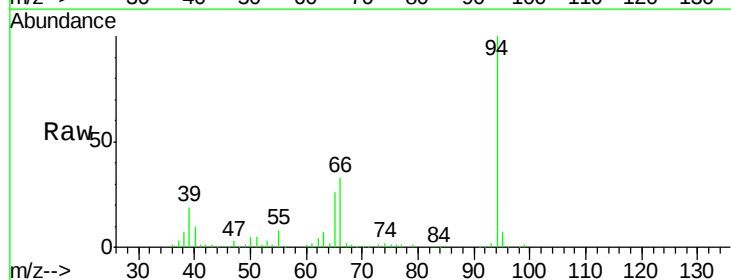
Tgt Ion: 94 Resp: 180111

Ion Ratio Lower Upper

94 100

65 25.8 5.3 45.3

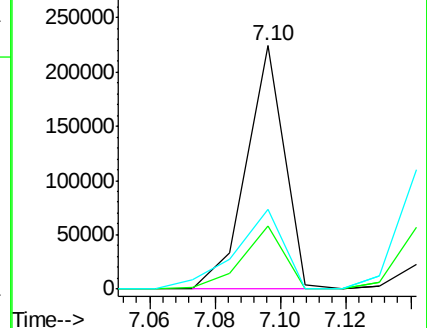
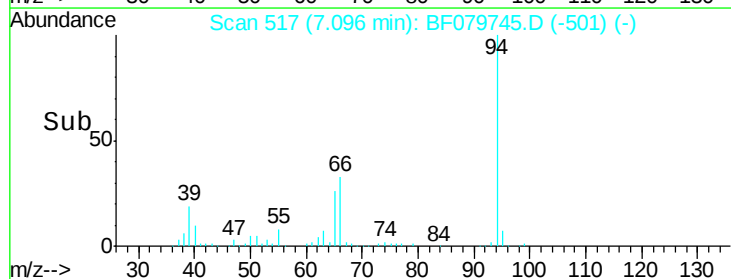
66 32.6 11.3 51.3

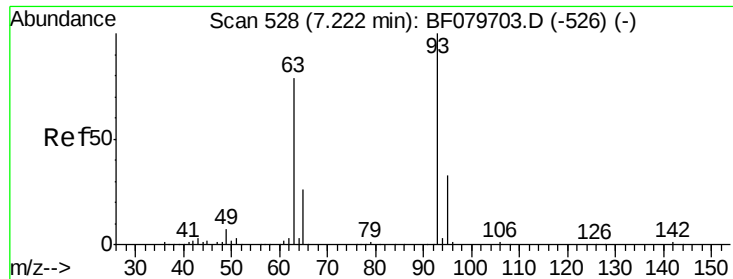


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

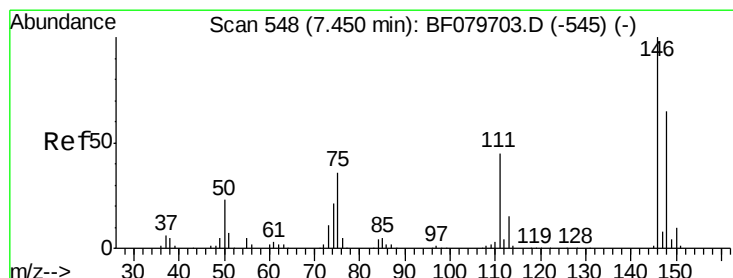
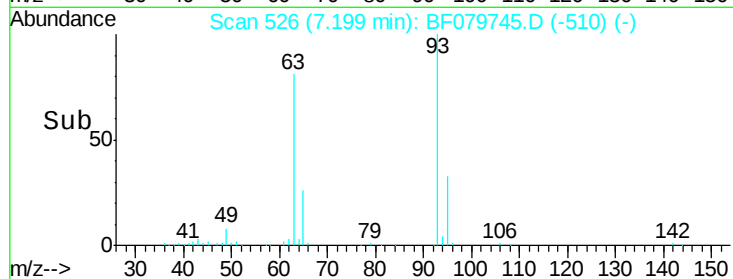
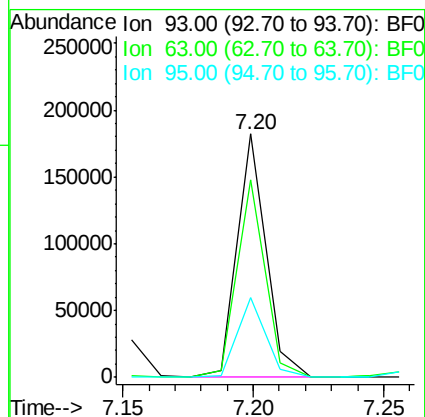
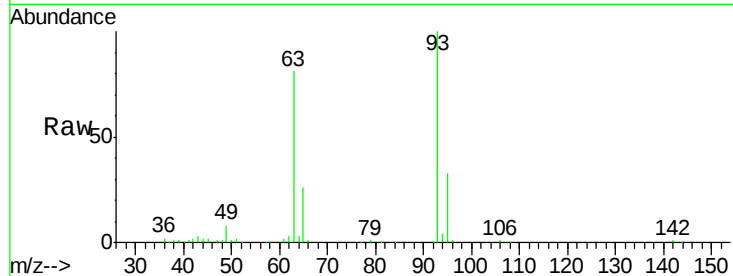




#11
bis(2-Chloroethyl)ether
Concen: 11.91 ng
RT: 7.20 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

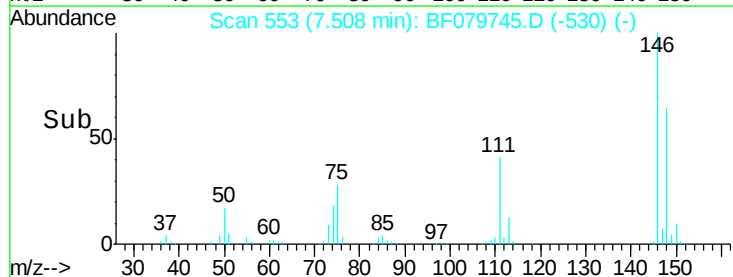
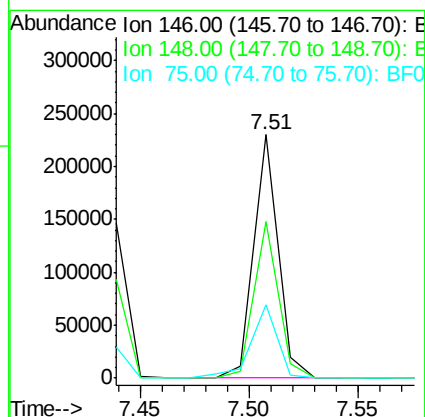
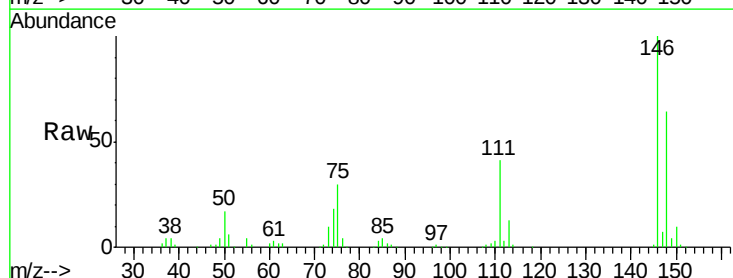
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

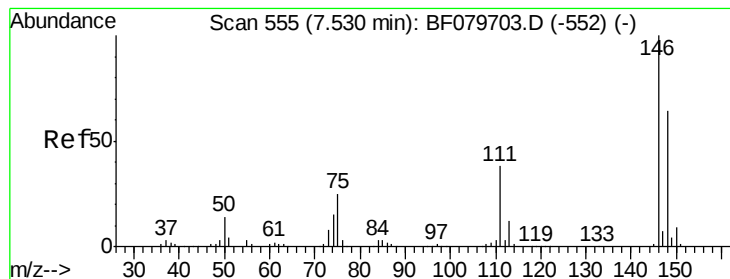
Tot Ion: 93 Resp: 141910
Ion Ratio Lower Upper
93 100
63 81.3 58.7 98.7
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 12.92 ng
RT: 7.51 min Scan# 553
Delta R.T. 0.06 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion: 146 Resp: 179138
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
75 30.3 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 11.15 ng

RT: 7.67 min Scan# 567

Delta R.T. 0.14 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

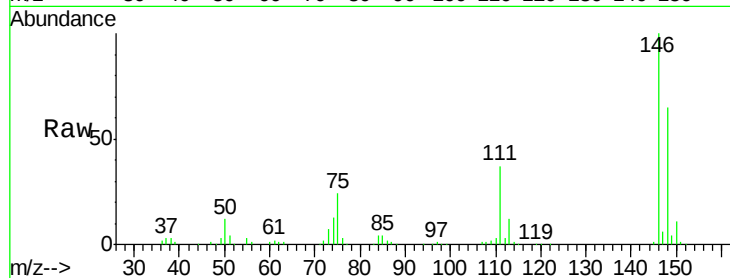
Tot Ion:146 Resp: 164950

Ion Ratio Lower Upper

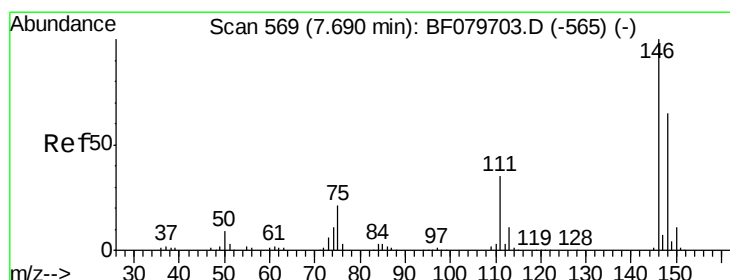
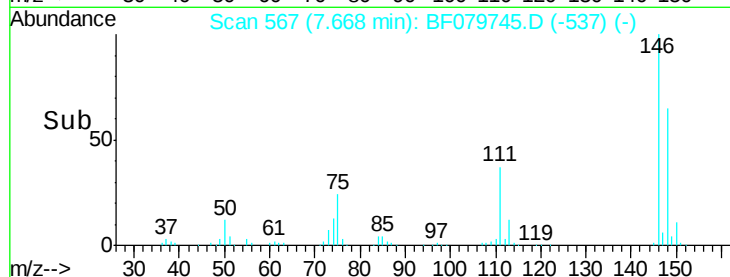
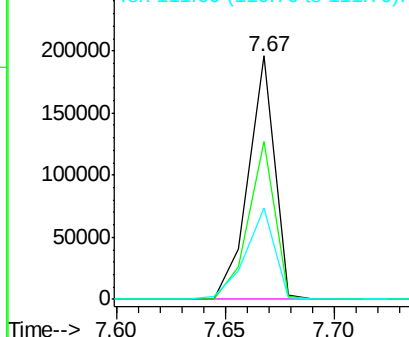
146 100

148 65.0 51.4 77.0

111 37.3 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: 12.63 ng

RT: 7.67 min Scan# 567

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

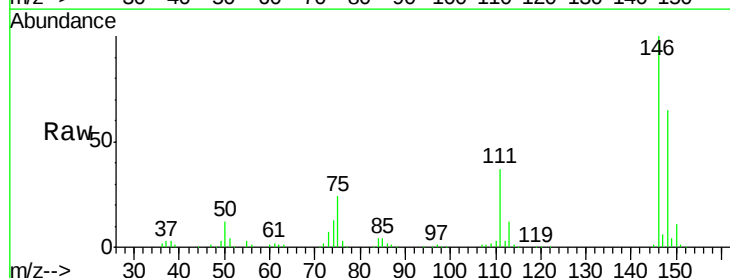
Tgt Ion:146 Resp: 164942

Ion Ratio Lower Upper

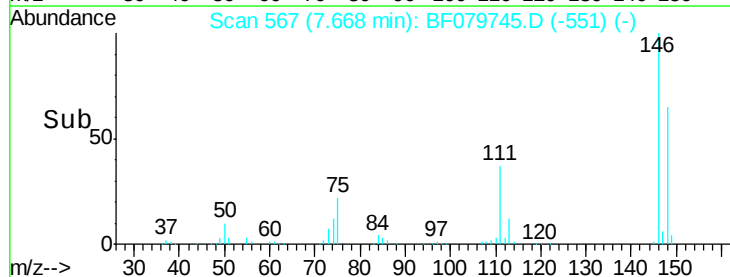
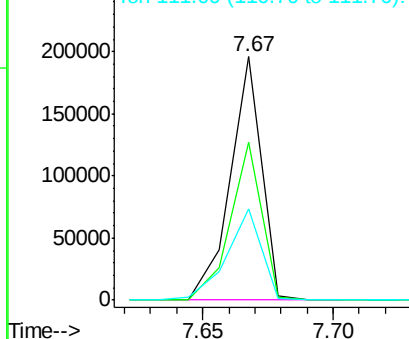
146 100

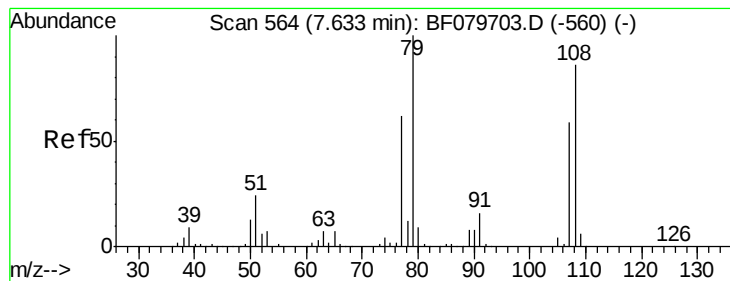
148 65.0 52.2 78.4

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: 12.50 ng

RT: 7.61 min Scan# 562

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

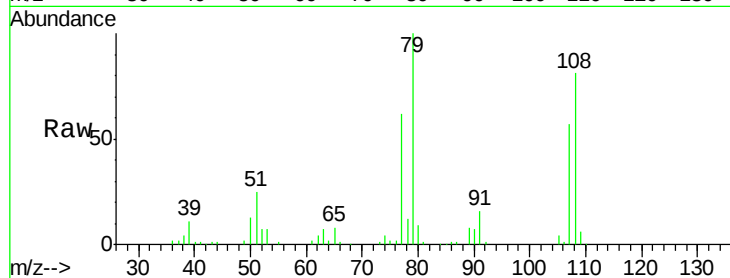
Tot Ion: 79 Resp: 130481

Ion Ratio Lower Upper

79 100

108 80.7 68.4 102.6

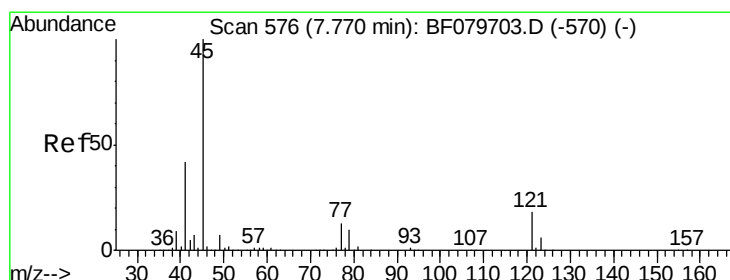
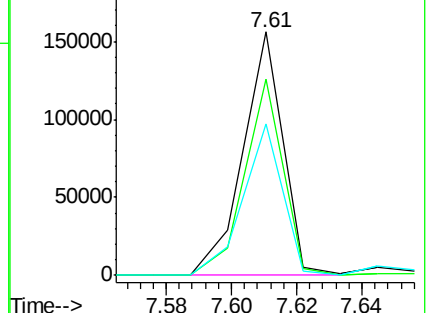
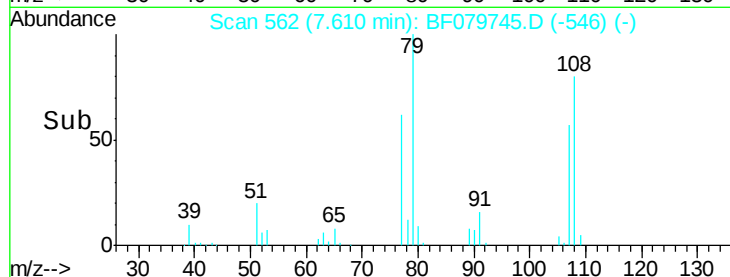
77 62.3 50.0 75.0



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: 9.01 ng

RT: 7.75 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

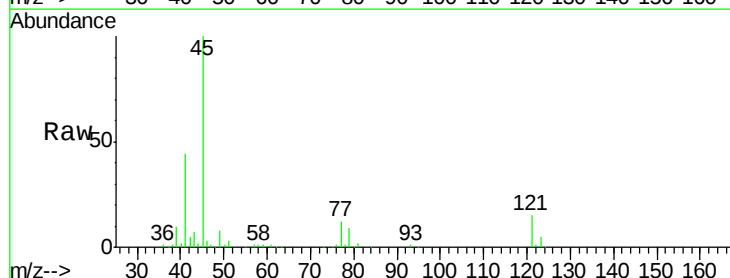
Tgt Ion: 45 Resp: 177576

Ion Ratio Lower Upper

45 100

77 12.0 0.0 32.7

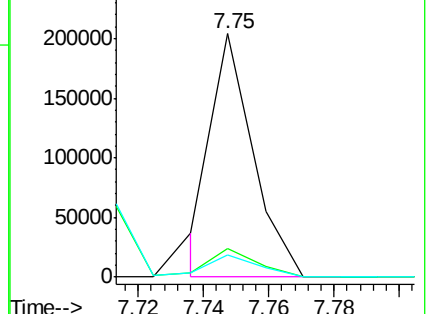
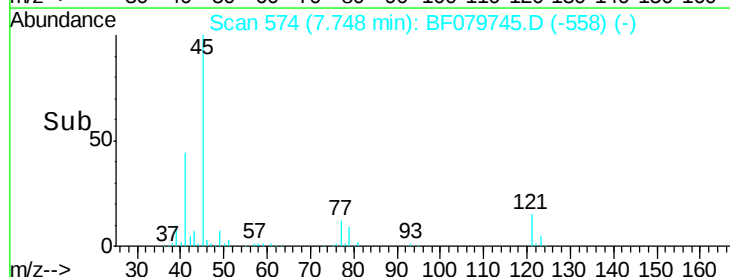
79 9.3 0.0 29.9

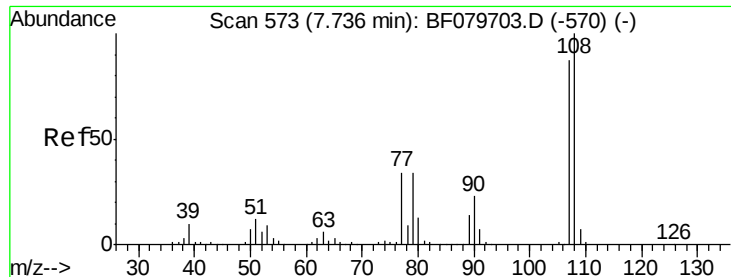


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 10.41 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

Tot Ion:107 Resp: 103774

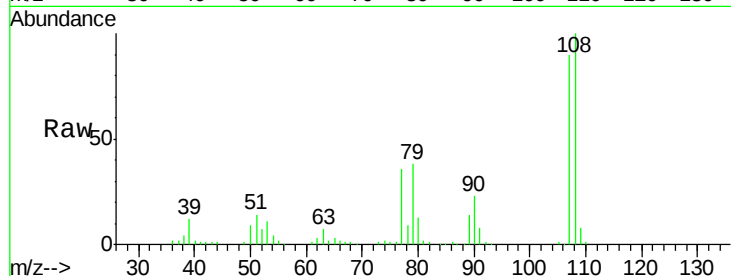
Ion Ratio Lower Upper

107 100

108 110.5 91.8 137.8

77 40.3 31.4 47.2

79 41.8 31.3 46.9

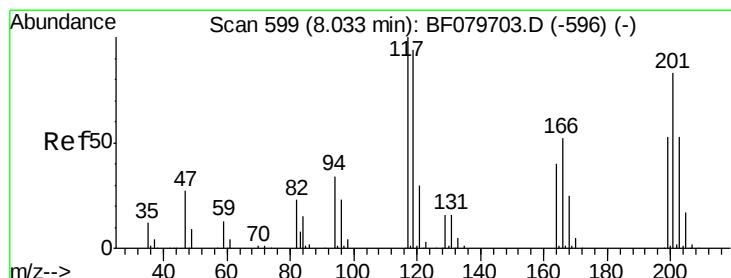
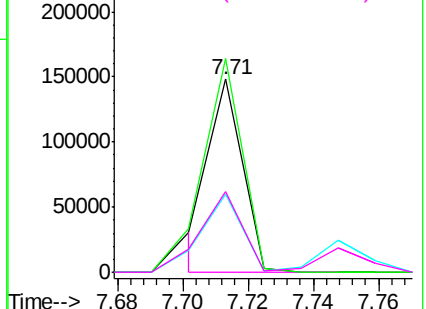
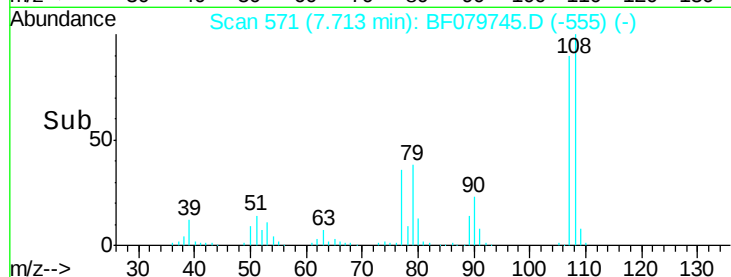


Abundance Ion 107.00 (106.70 to 107.70): E

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: 11.03 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

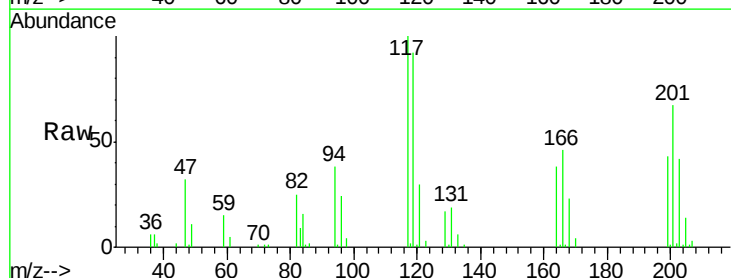
Tgt Ion:117 Resp: 51294

Ion Ratio Lower Upper

117 100

119 92.2 75.5 113.3

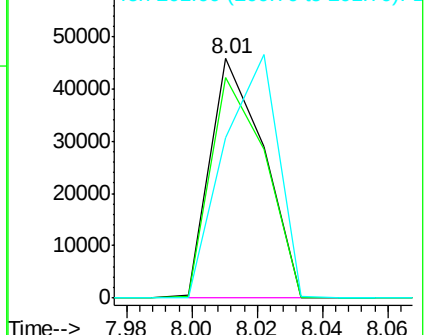
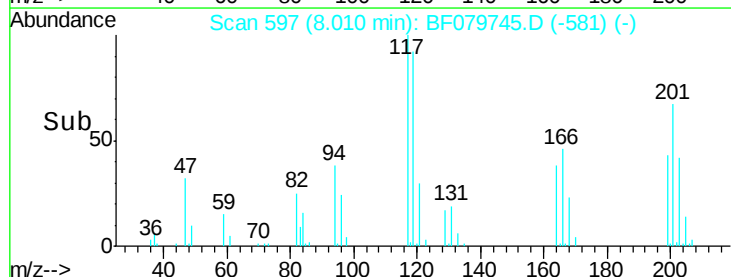
201 67.0 66.4 99.6

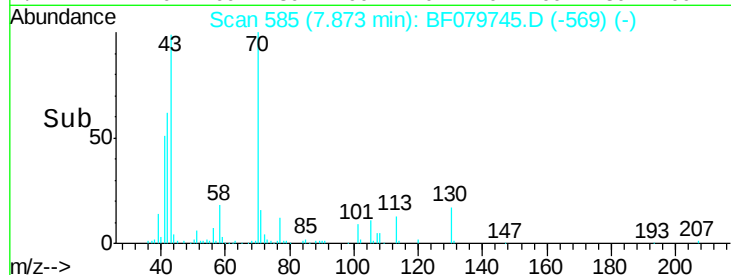
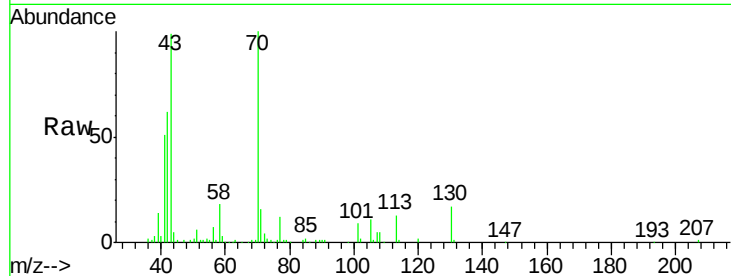
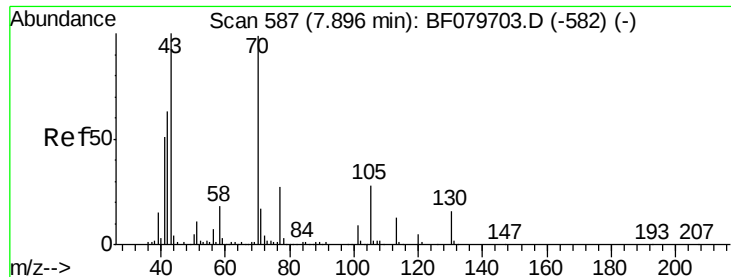


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

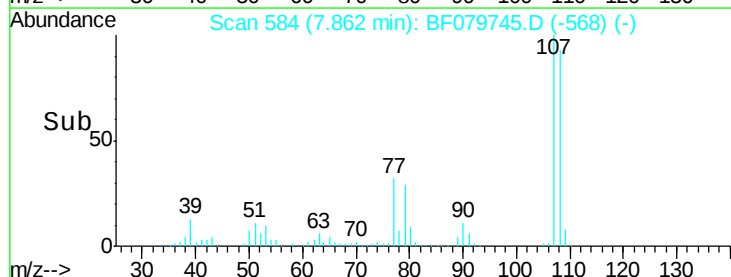
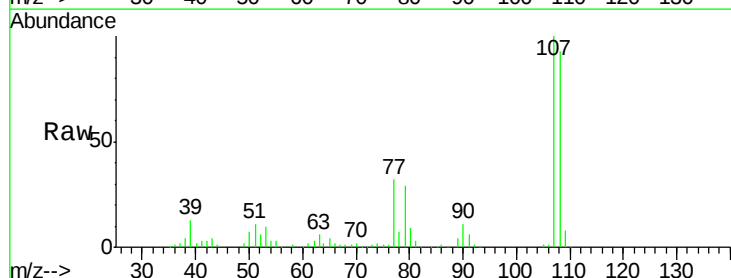
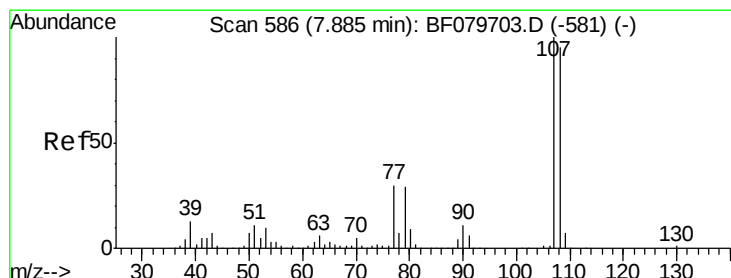
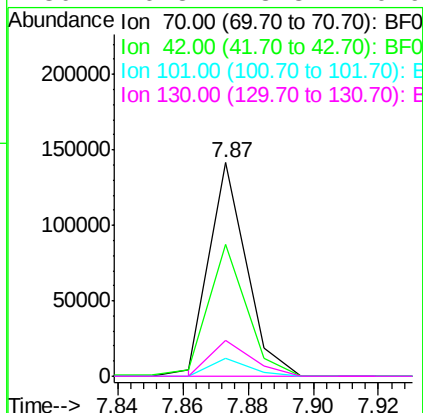




#19
n-Nitroso-di-n-propylamine
Concen: 11.48 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

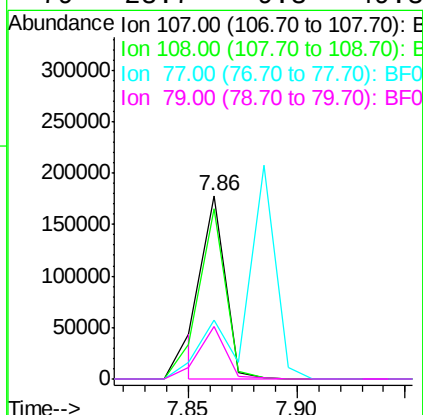
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

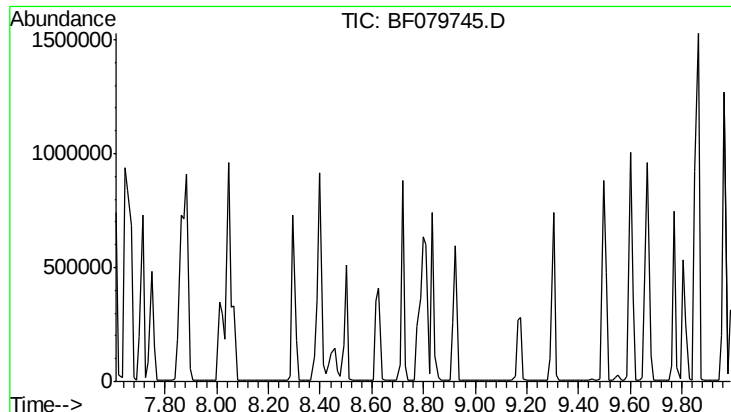
Tot Ion:	70	Resp:	109914
Ion	Ratio	Lower	Upper
70	100		
42	61.6	51.1	76.7
101	8.6	7.0	10.6
130	16.8	13.3	19.9



#20
3+4-Methylphenols
Concen: 9.41 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:	107	Resp:	128106
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

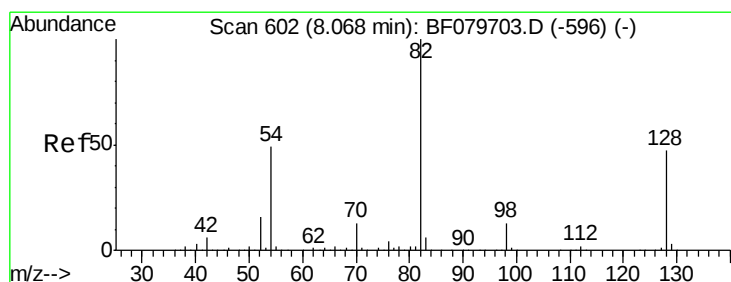
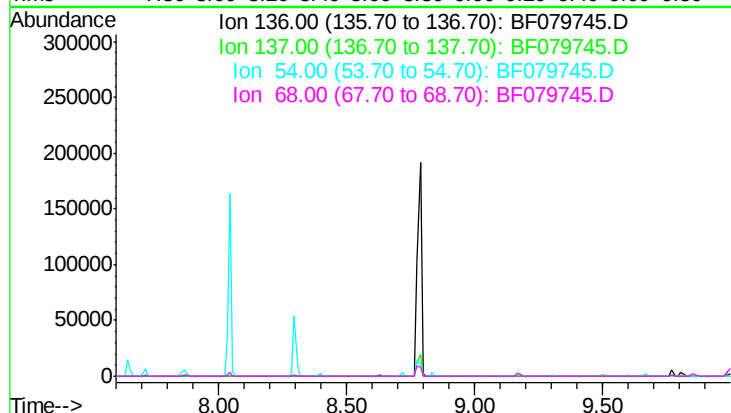




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.80 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

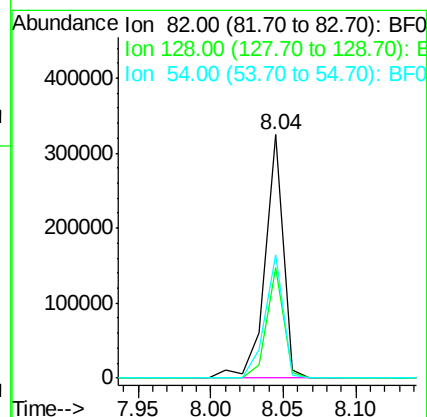
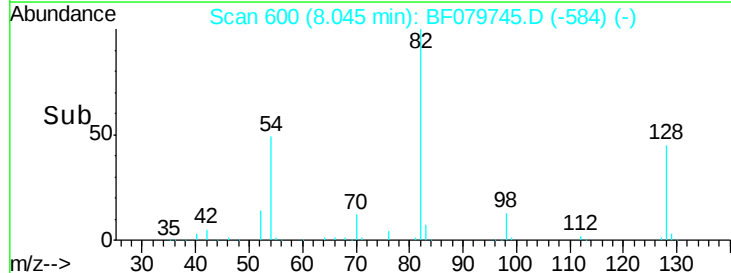
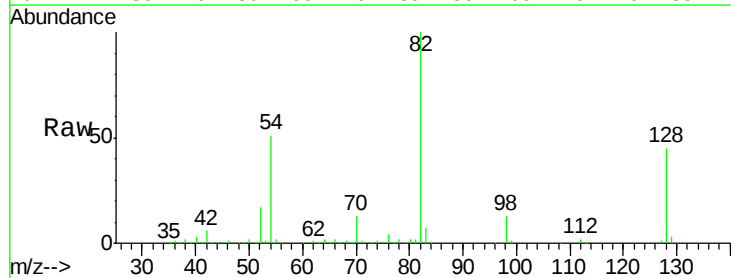
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

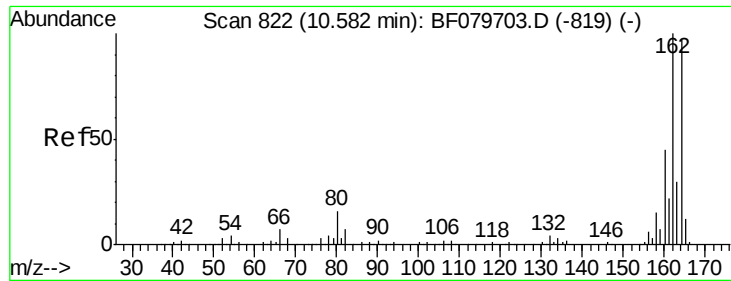
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.0
54 10.9
68 7.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

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

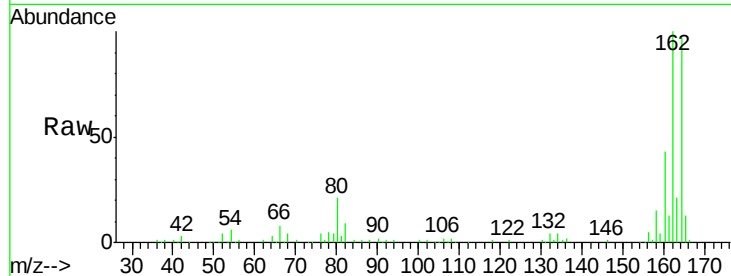




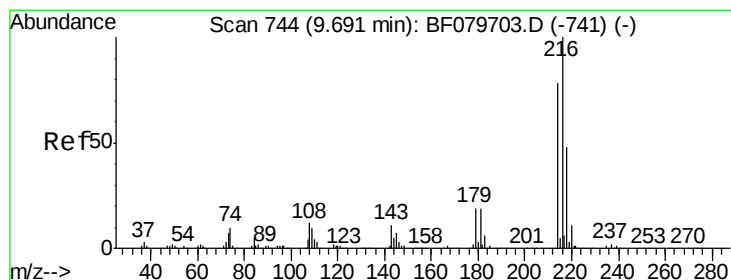
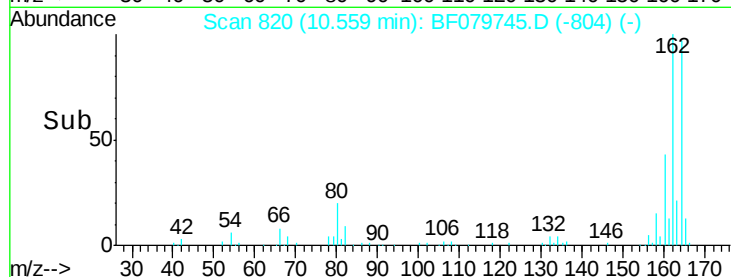
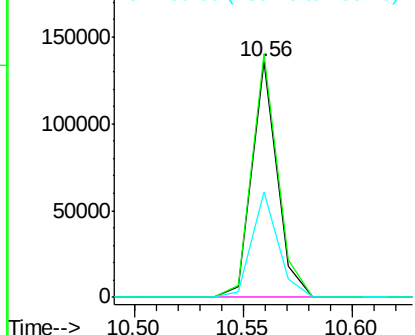
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:164 Resp: 109851
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 44.4 36.8 55.2

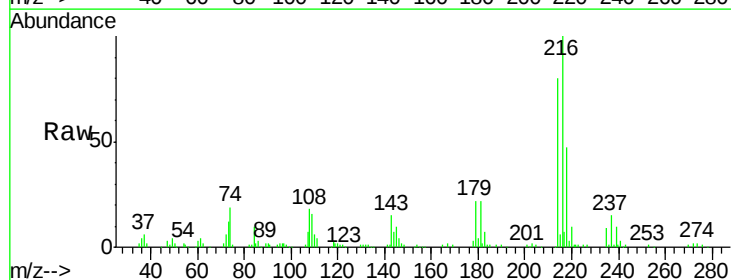


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

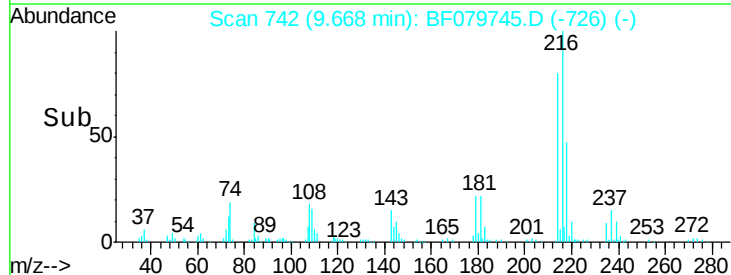
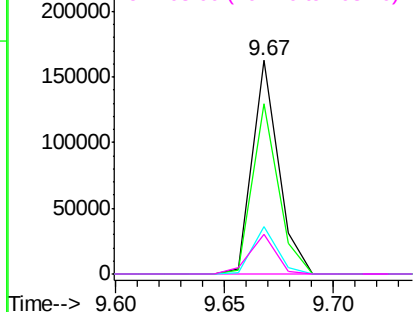


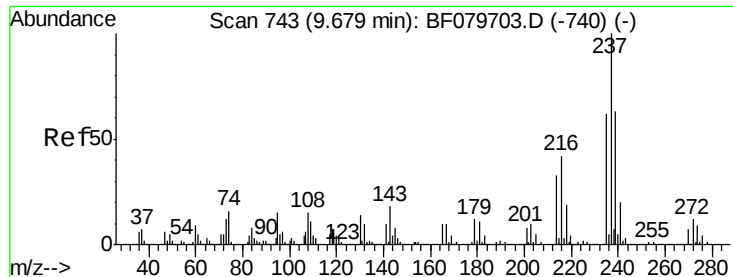
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.38 ng
RT: 9.67 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt 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: 36.01 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

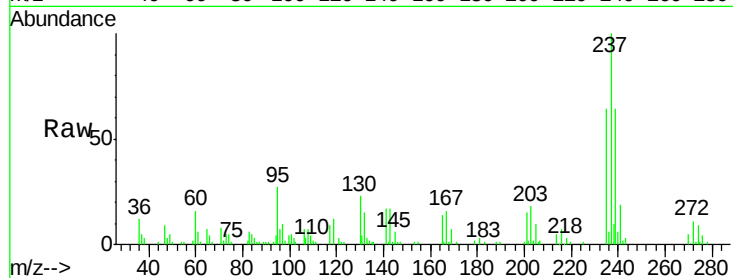
Tot Ion:237 Resp: 60402

Ion Ratio Lower Upper

237 100

235 63.9 41.9 81.9

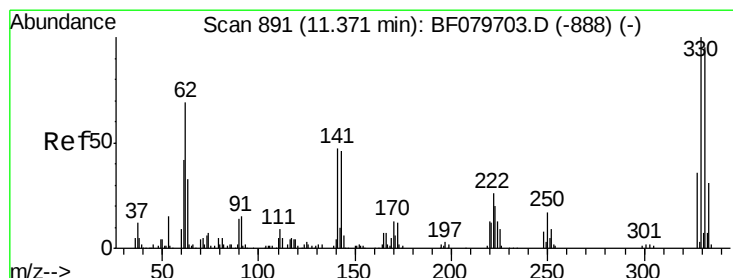
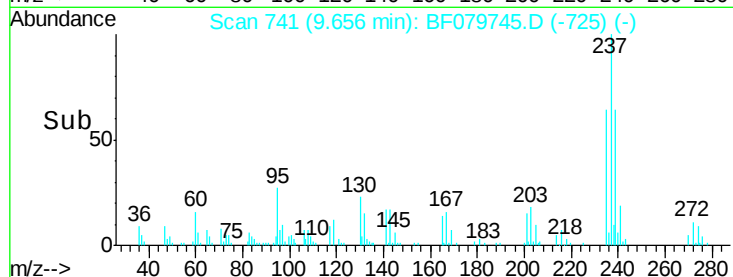
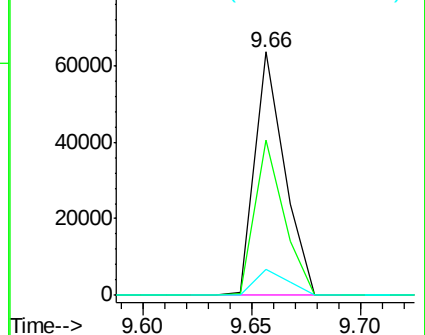
272 10.6 0.0 32.1



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: 80.16 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

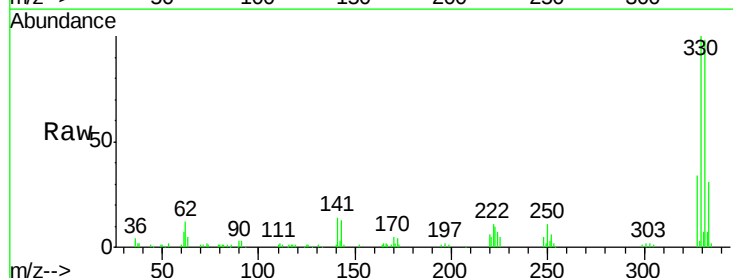
Tgt Ion:330 Resp: 79071

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

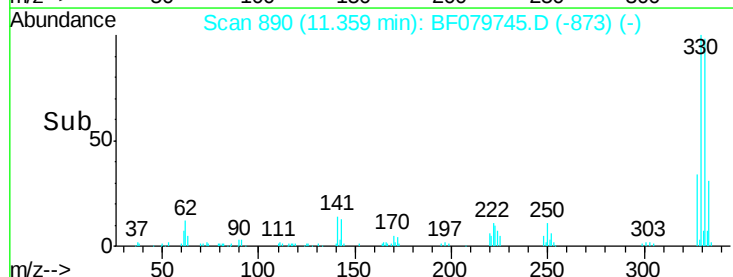
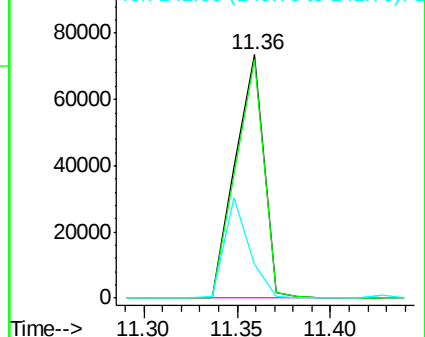
141 35.7 30.2 45.2

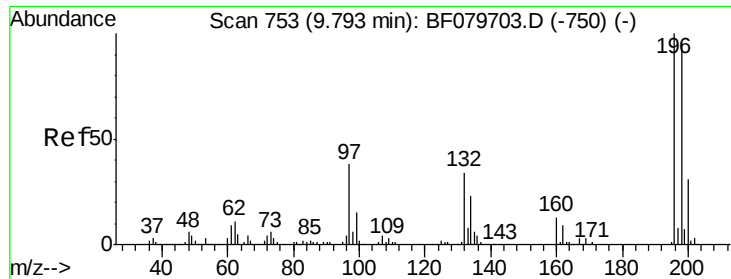


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

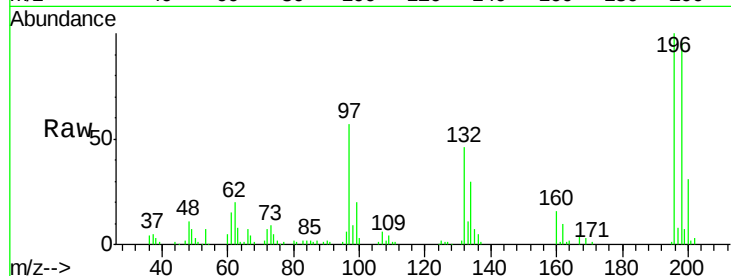




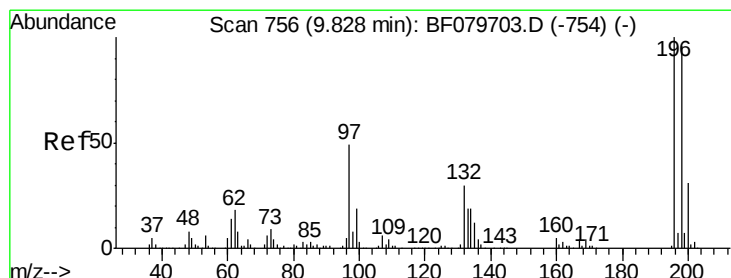
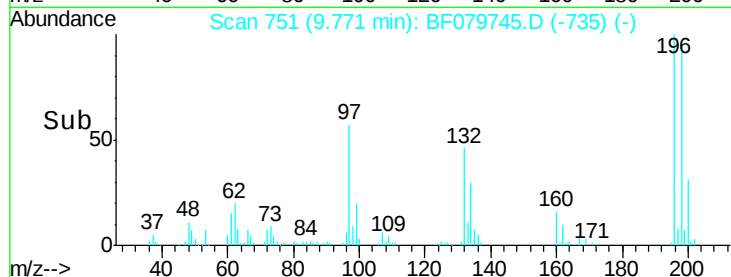
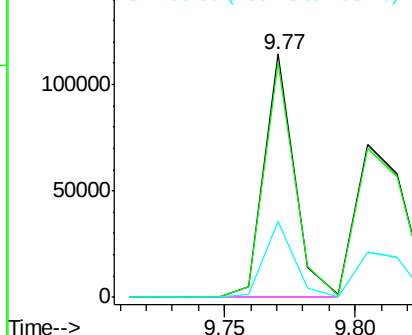
#42
 2,4,6-Trichlorophenol
 Concen: 42.18 ng
 RT: 9.77 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion:196 Resp: 92406
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.8 115.2
 200 31.0 24.5 36.7



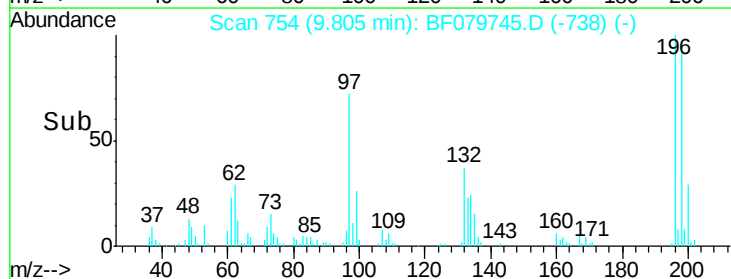
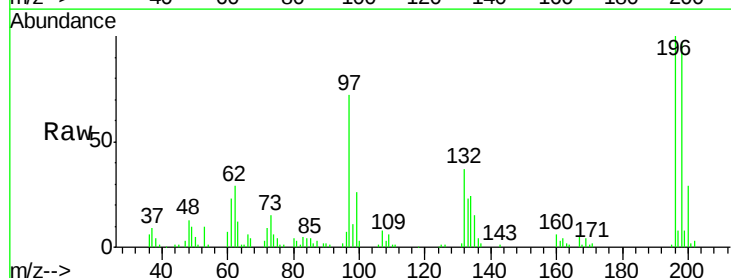
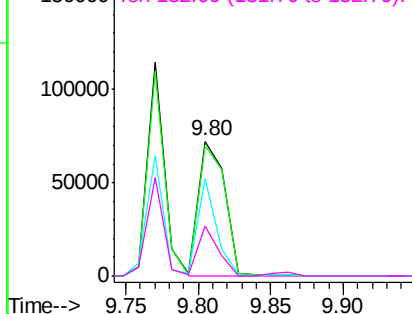
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

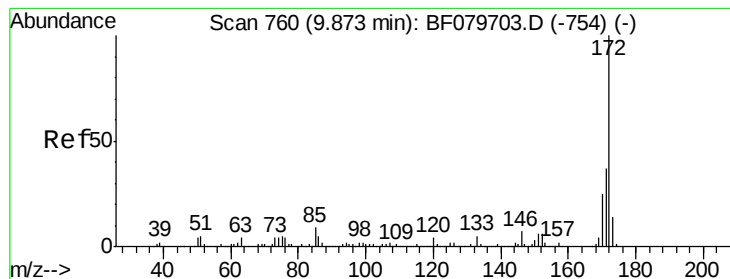


#43
 2,4,5-Trichlorophenol
 Concen: 36.28 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt 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

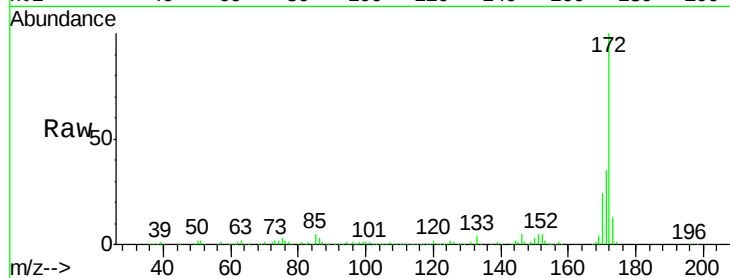




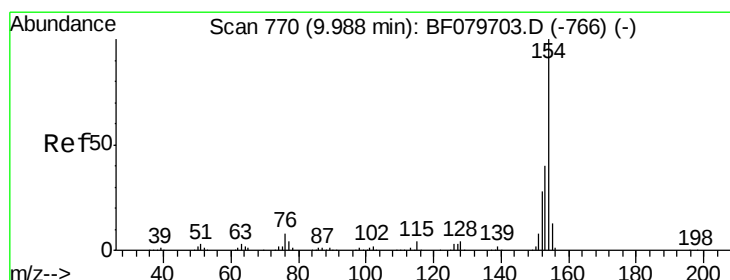
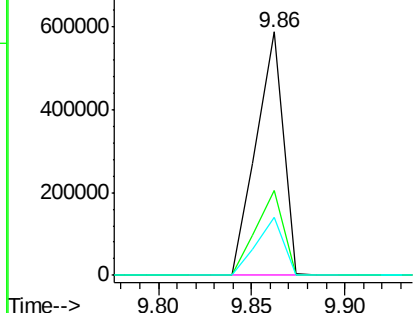
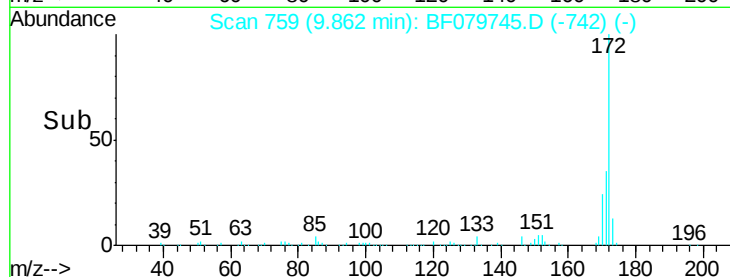
#44
2-Fluorobiphenyl
Concen: 78.06 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	23.6	19.7	29.5

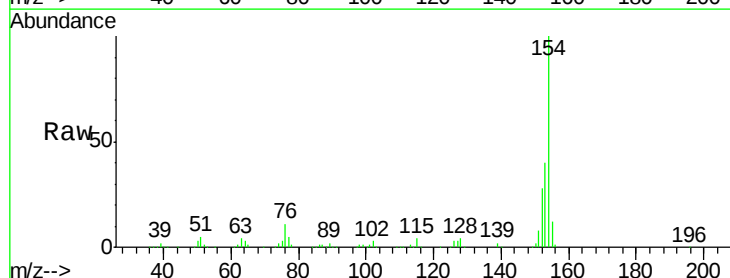


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

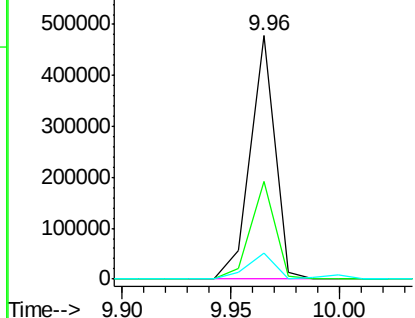
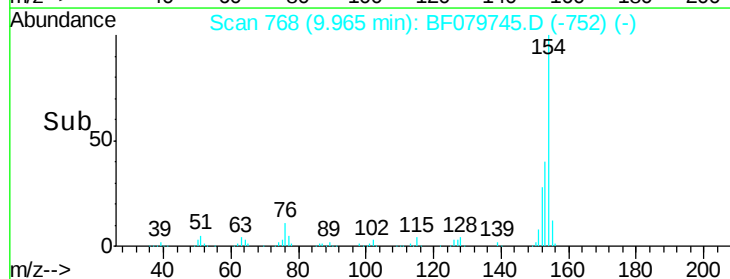


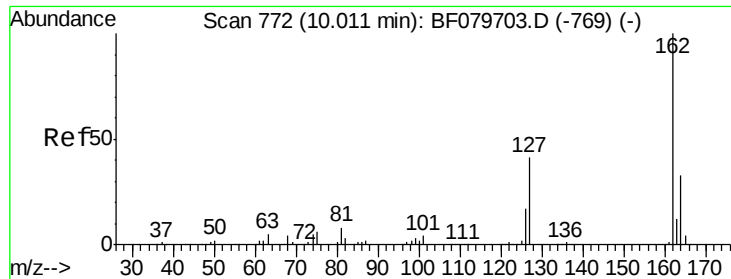
#45
1,1'-Biphenyl
Concen: 42.72 ng
RT: 9.96 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt 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

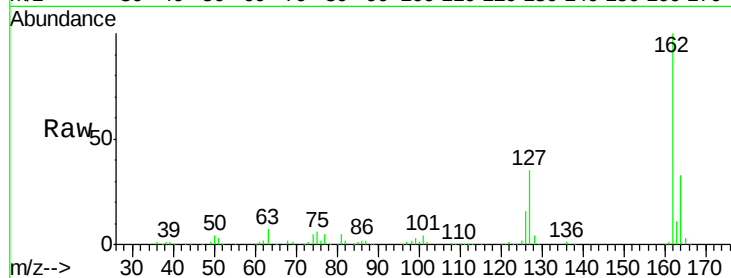




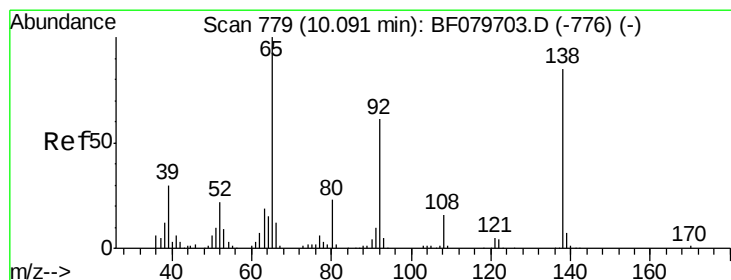
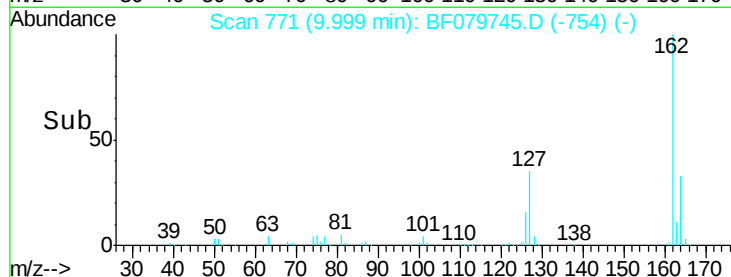
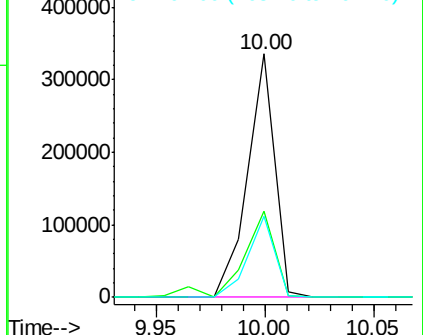
#46
2-Chloronaphthalene
Concen: 40.34 ng
RT: 10.00 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:162 Resp: 289744
Ion Ratio Lower Upper
162 100
127 35.1 35.4 53.2#
164 33.4 26.3 39.5

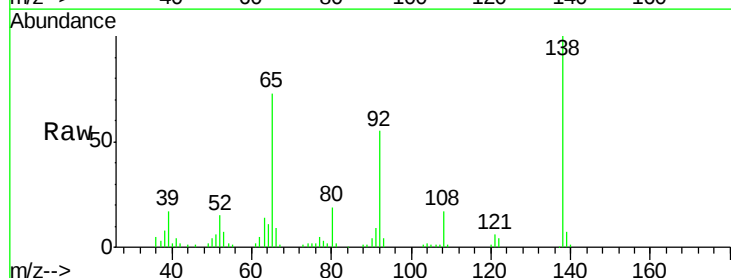


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

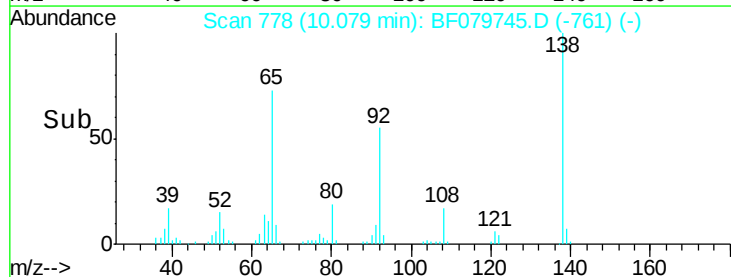
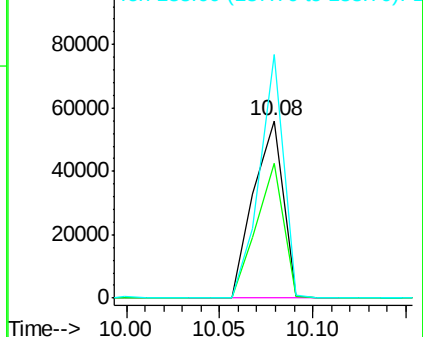


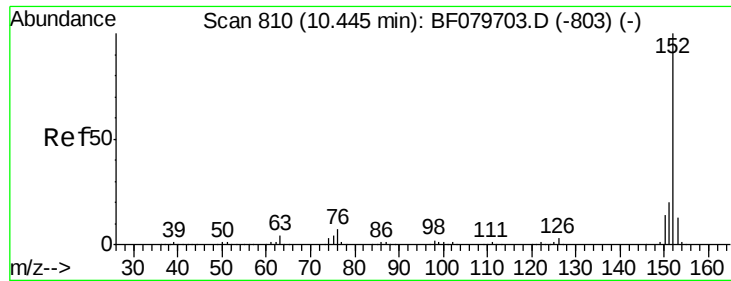
#47
2-Nitroaniline
Concen: 39.09 ng
RT: 10.08 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

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



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





#48

Acenaphthylene

Concen: 40.35 ng

RT: 10.42 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

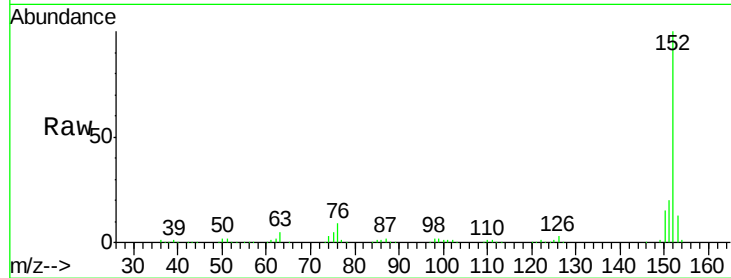
Tot Ion:152 Resp: 495956

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

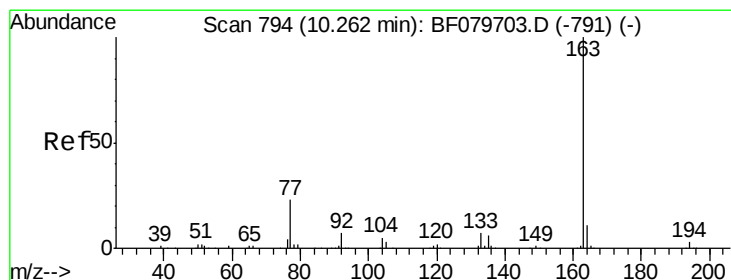
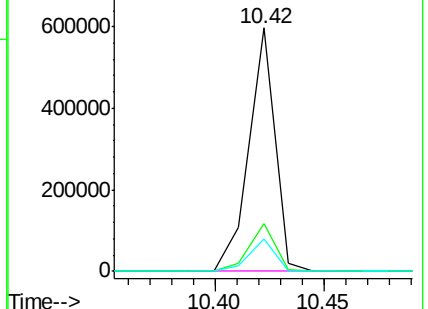
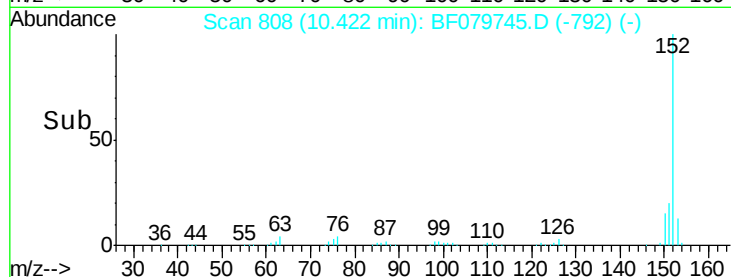
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 37.35 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

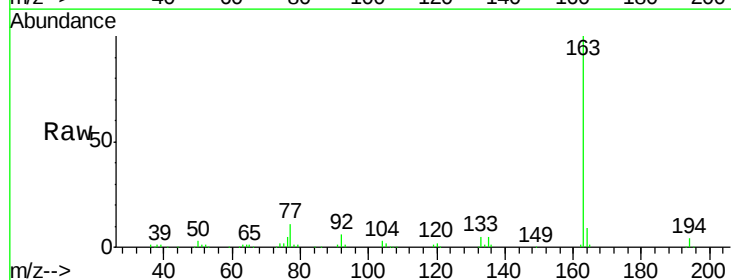
Tgt Ion:163 Resp: 316066

Ion Ratio Lower Upper

163 100

194 4.1 2.6 3.8#

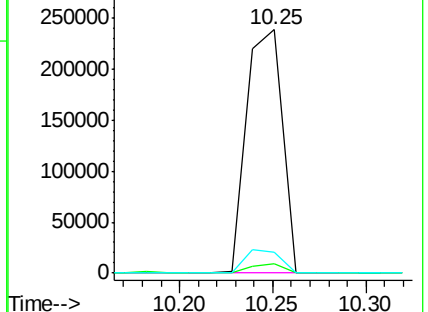
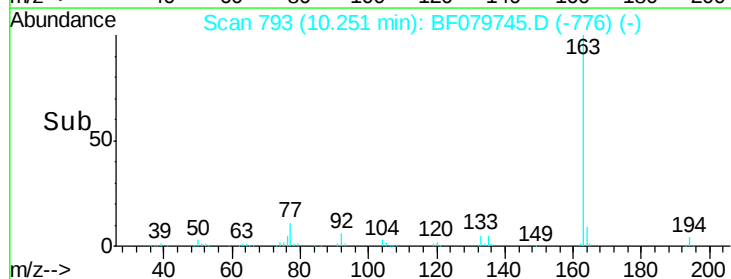
164 8.8 8.5 12.7

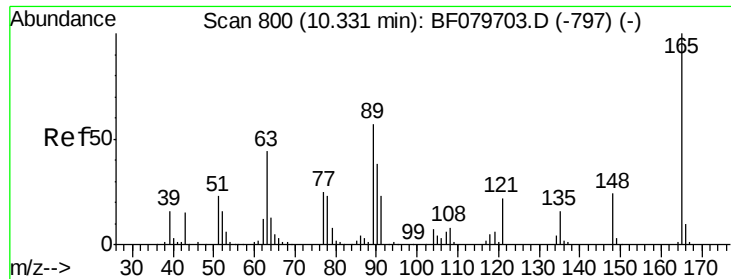


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

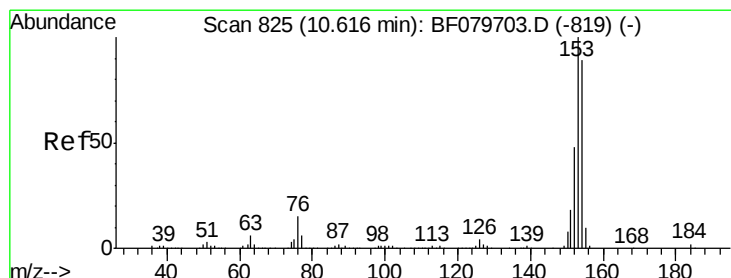
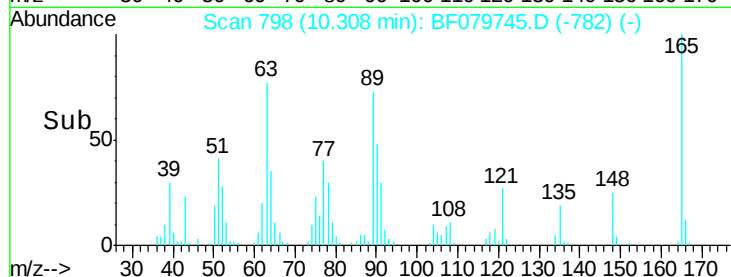
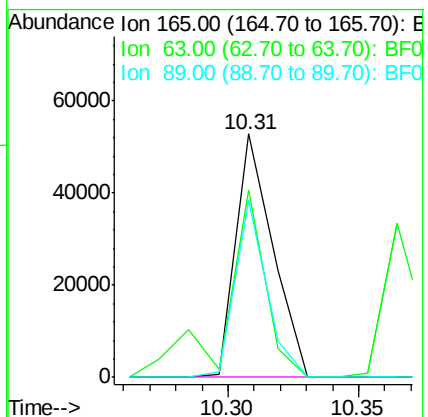
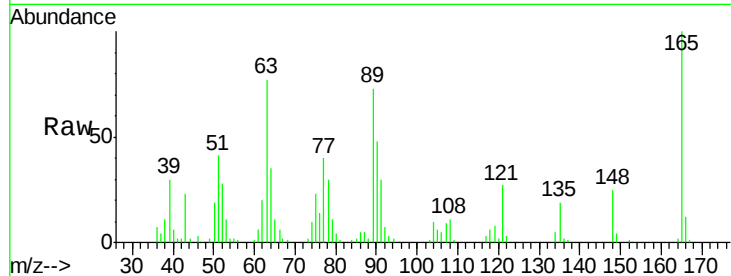




#50
2,6-Dinitrotoluene
Concen: 33.88 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

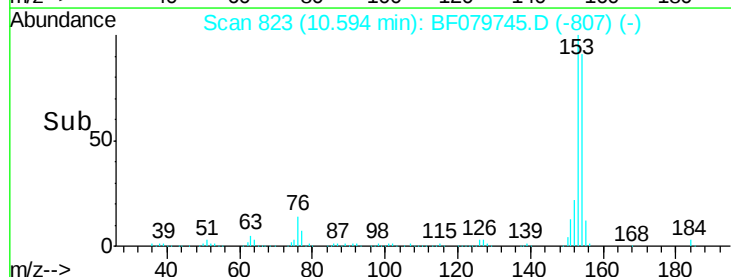
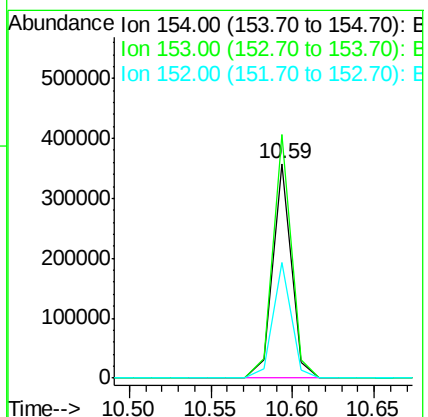
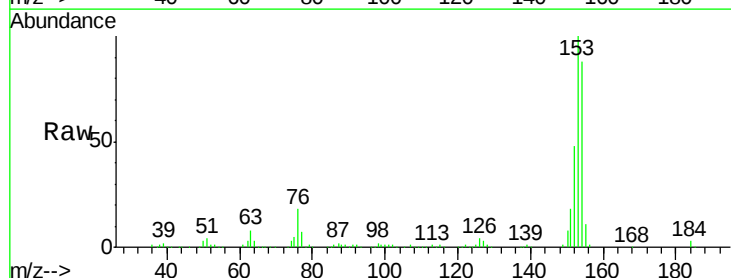
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

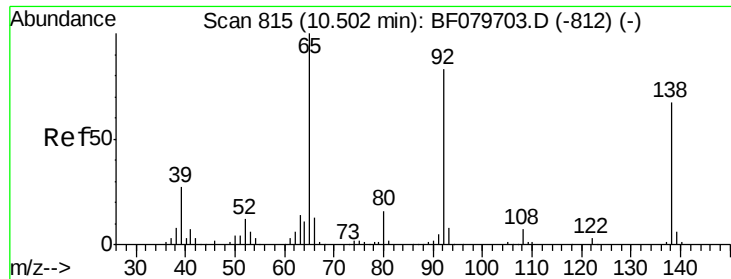
Tot Ion:165 Resp: 52613
Ion Ratio Lower Upper
165 100
63 76.9 45.2 67.8#
89 72.8 45.9 68.9#



#51
Acenaphthene
Concen: 39.52 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt Ion:154 Resp: 285851
Ion Ratio Lower Upper
154 100
153 113.6 90.1 135.1
152 54.2 43.4 65.0

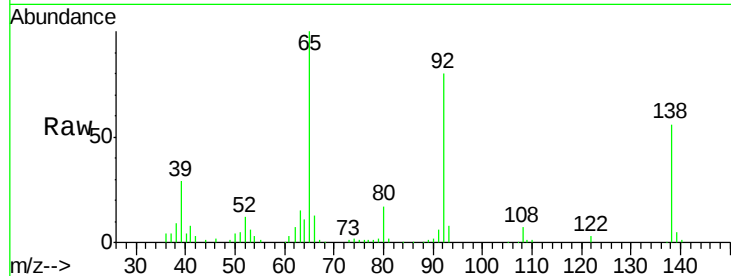




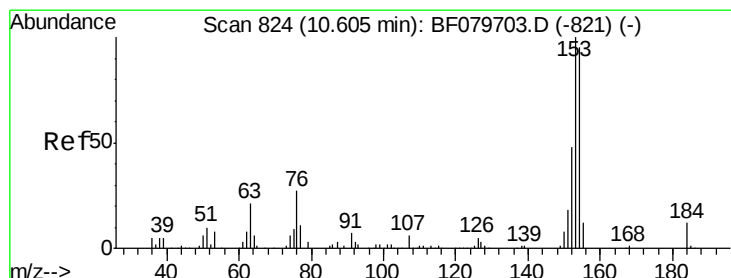
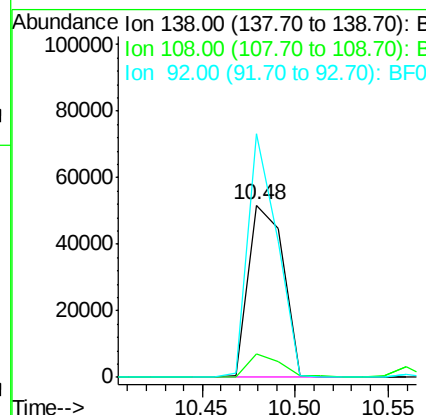
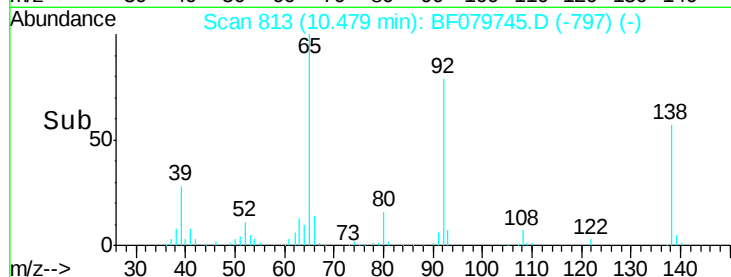
#52
3-Nitroaniline
Concen: 39.20 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:138 Resp: 66937
Ion Ratio Lower Upper
138 100
108 13.3 8.9 13.3
92 141.4 99.0 148.4

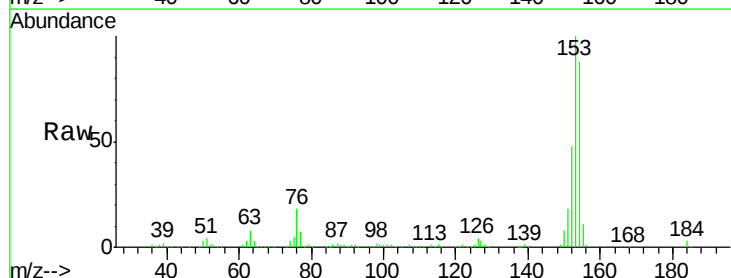


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

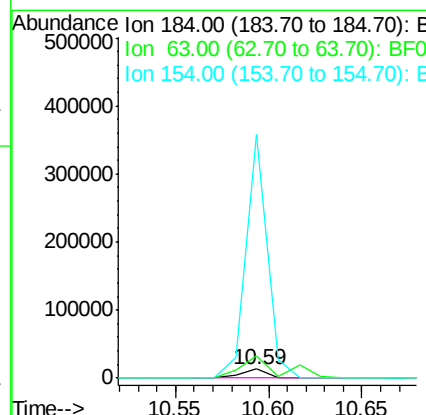
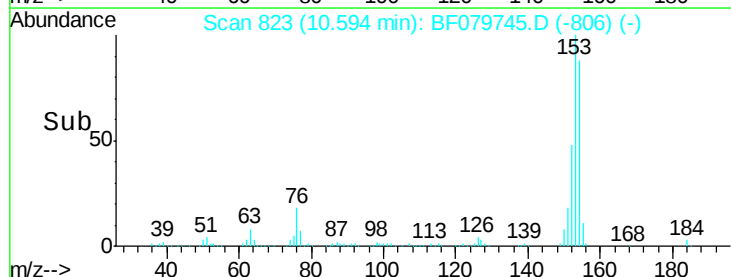


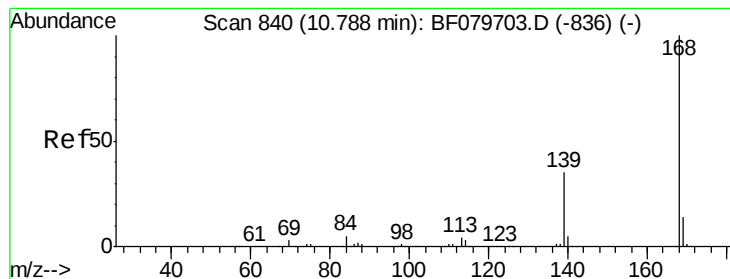
#53
2,4-Dinitrophenol
Concen: 39.62 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt 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

Dibenzenofuran

Concen: 40.50 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

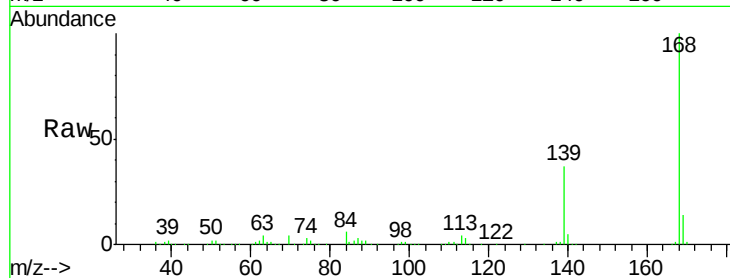
Tot Ion:168 Resp: 419829

Ion Ratio Lower Upper

168 100

139 36.5 27.7 41.5

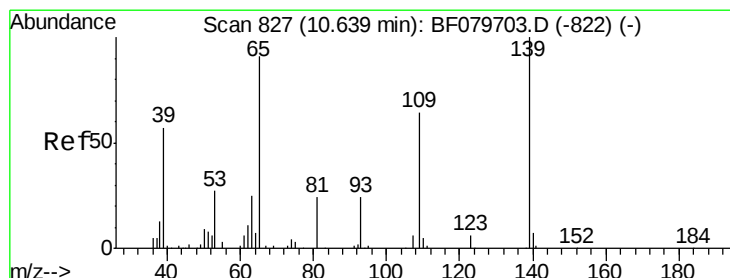
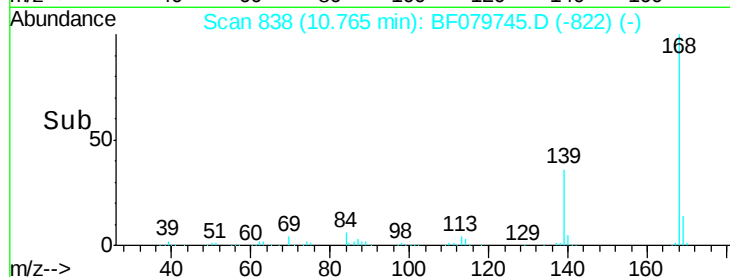
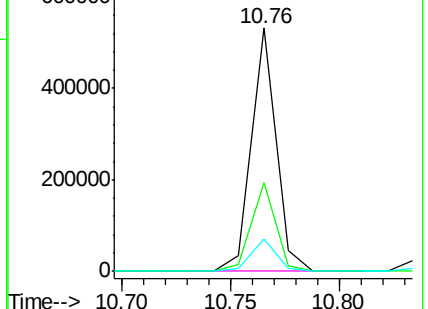
169 13.5 11.0 16.4



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: 38.85 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

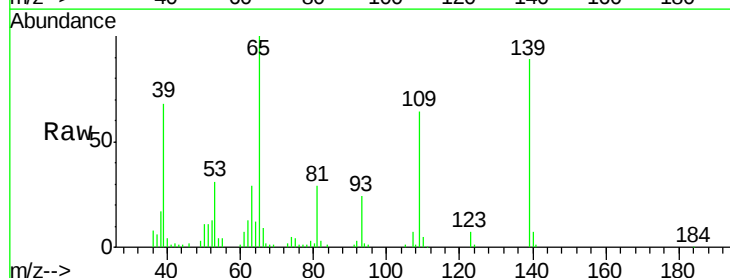
Tgt Ion:139 Resp: 55949

Ion Ratio Lower Upper

139 100

109 72.2 44.2 84.2

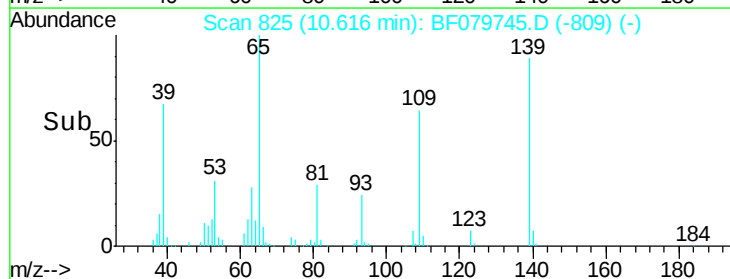
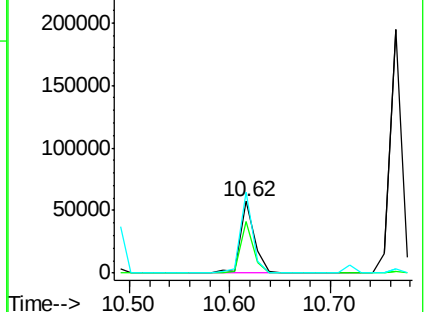
65 112.7 72.3 112.3#

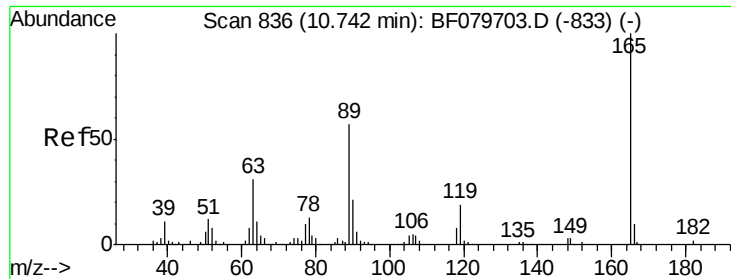


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 41.23 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

Tot Ion:165 Resp: 73926

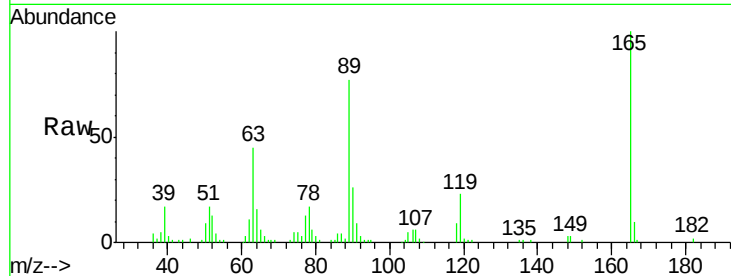
Ion Ratio Lower Upper

165 100

63 45.0 24.7 37.1#

89 76.8 45.7 68.5#

182 2.3 1.8 2.8

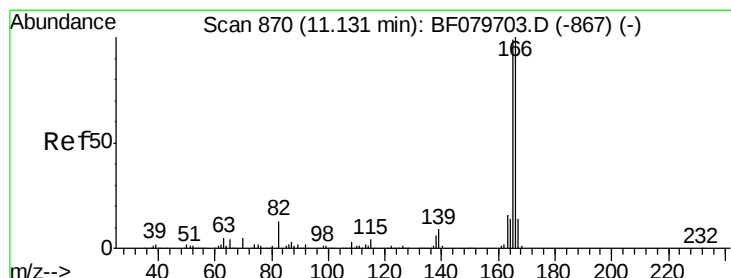
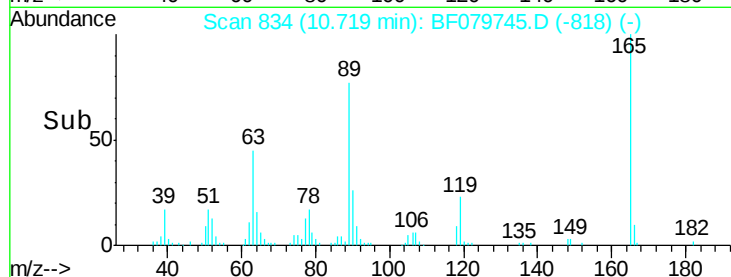
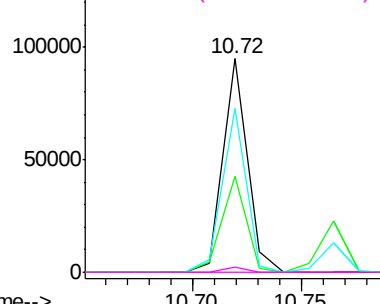


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: 37.29 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.02 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

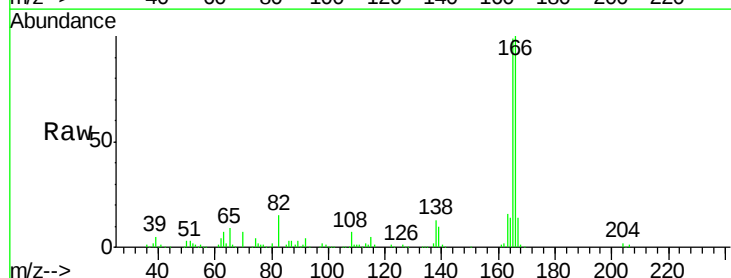
Tgt Ion:166 Resp: 330226

Ion Ratio Lower Upper

166 100

165 99.3 79.4 119.0

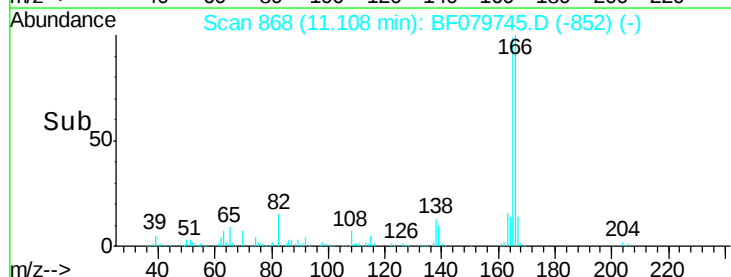
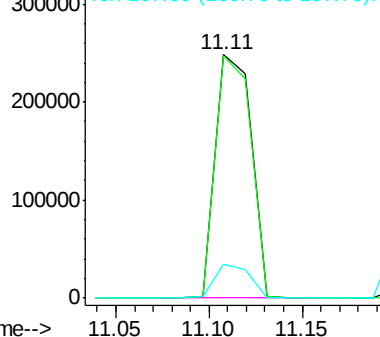
167 13.7 11.0 16.4

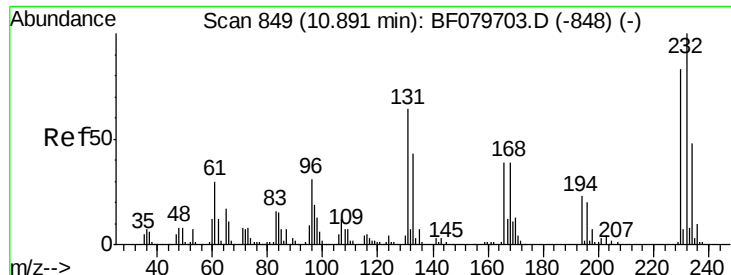


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

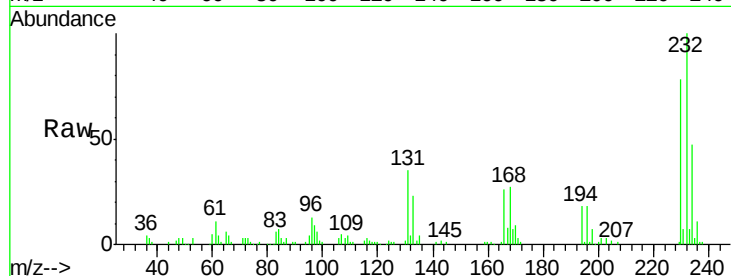




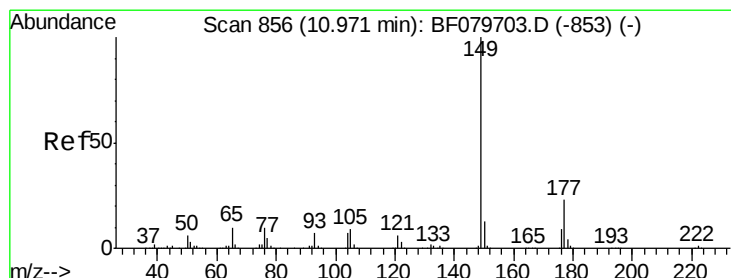
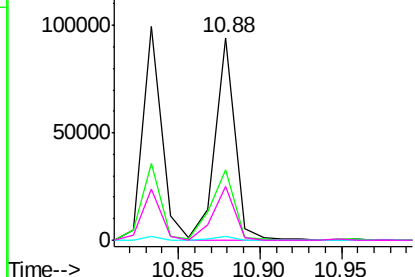
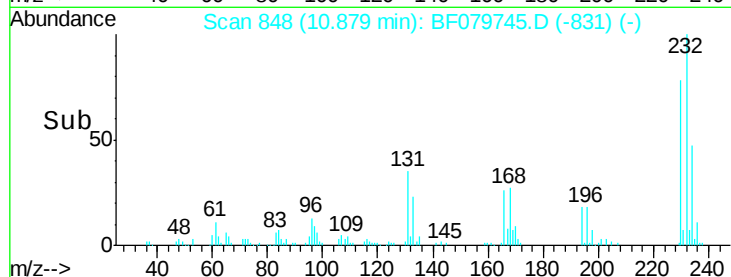
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.90 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot 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	

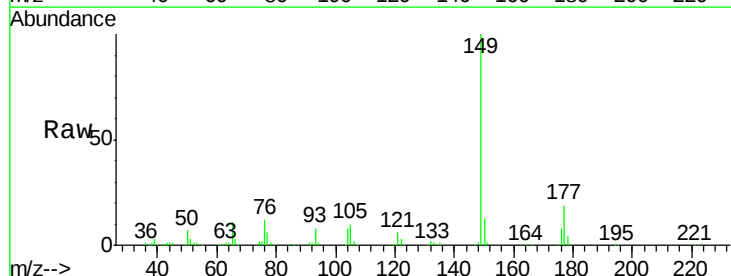


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

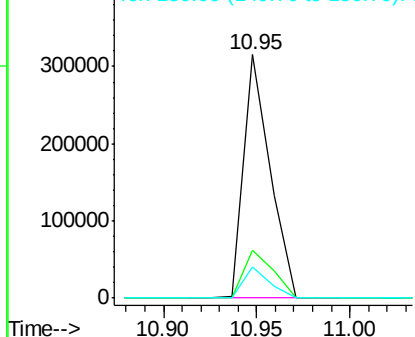
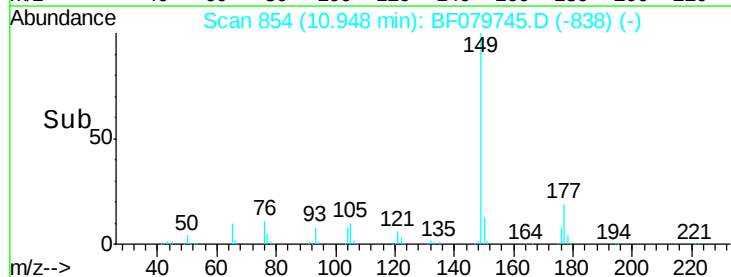


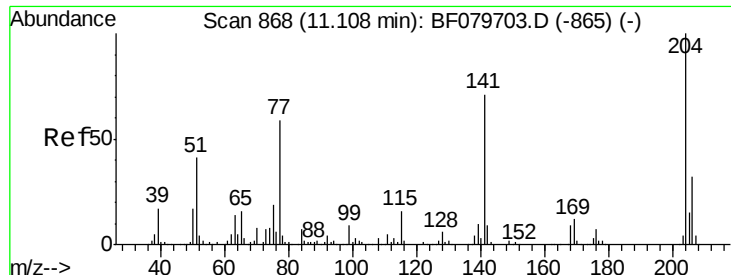
#59
 Diethylphthalate
 Concen: 36.41 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.02 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt 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

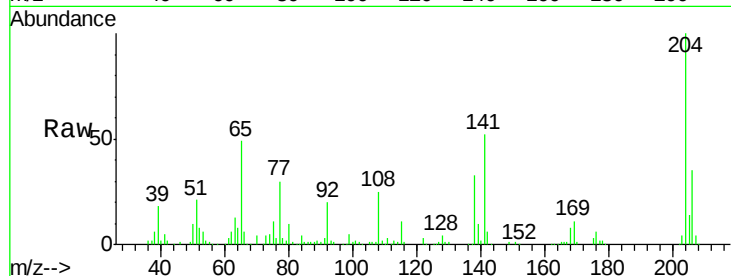




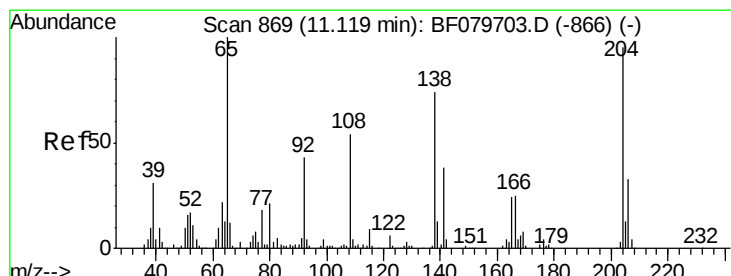
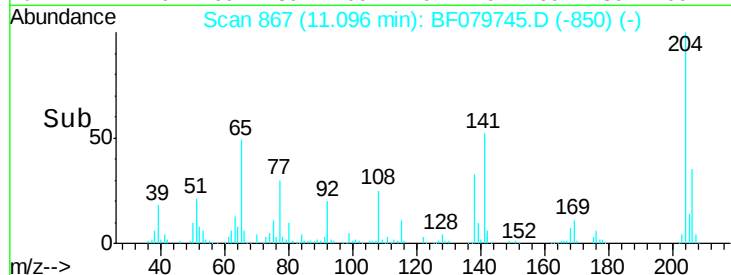
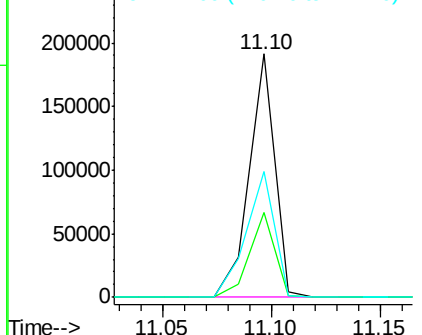
#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

Tot Ion:204 Resp: 155945
Ion Ratio Lower Upper
204 100
206 35.1 25.8 38.6
141 51.9 56.5 84.7#

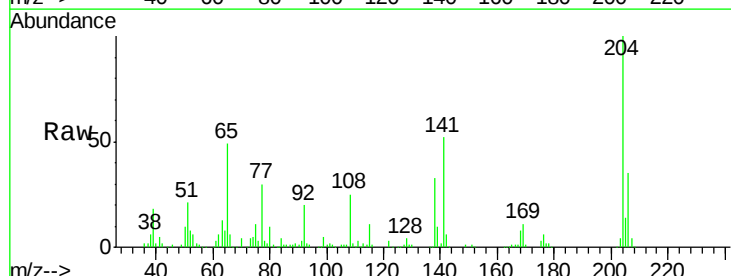


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

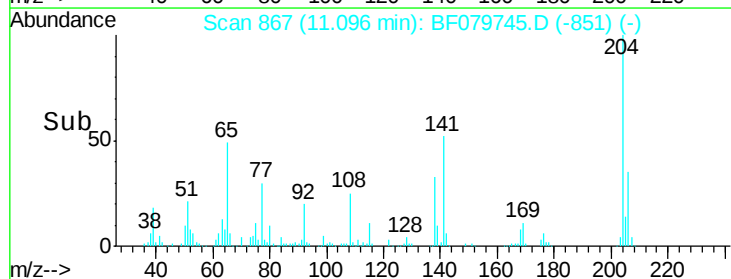
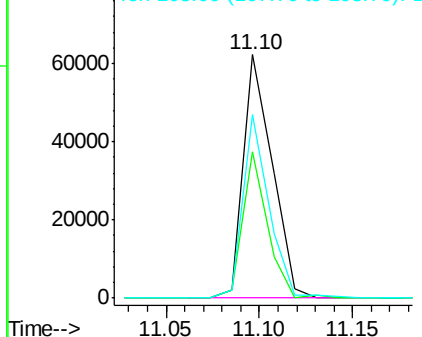


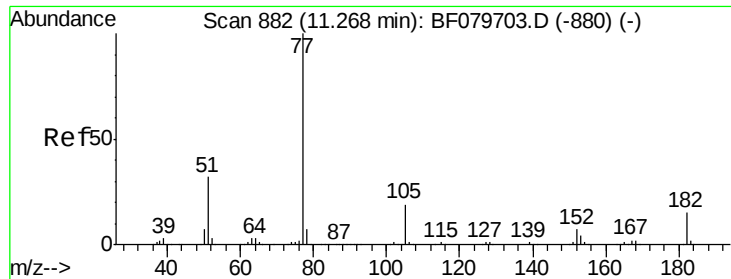
#61
4-Nitroaniline
Concen: 37.88 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt 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: 41.35 ng

RT: 11.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

Tot Ion: 77 Resp: 335271

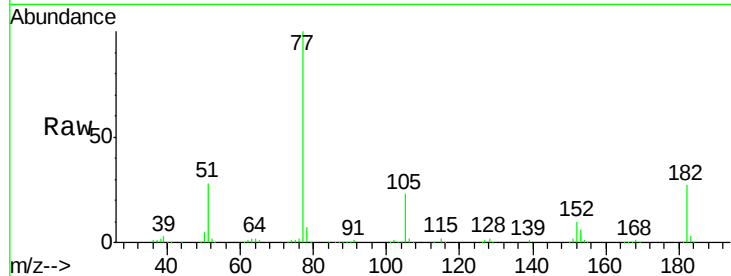
Ion Ratio Lower Upper

77 100

182 26.8 0.0 35.2

105 23.0 0.0 39.5

51 27.7 12.4 52.4

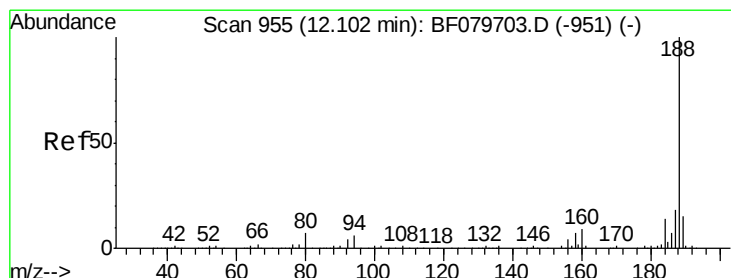
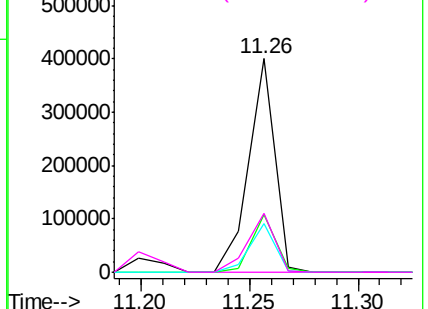
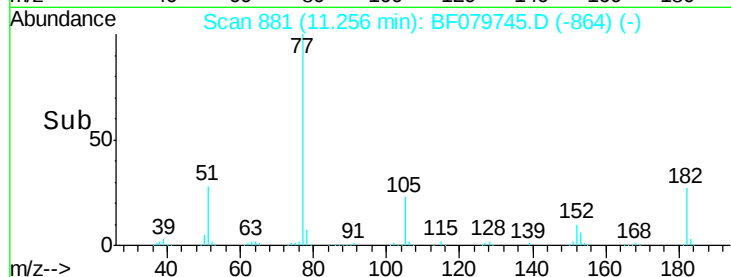


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

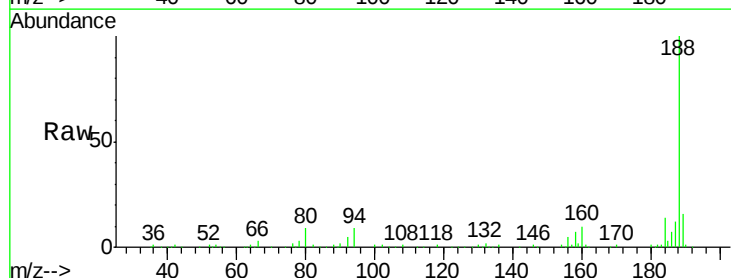
Tgt Ion: 188 Resp: 219699

Ion Ratio Lower Upper

188 100

94 8.9 5.0 7.4#

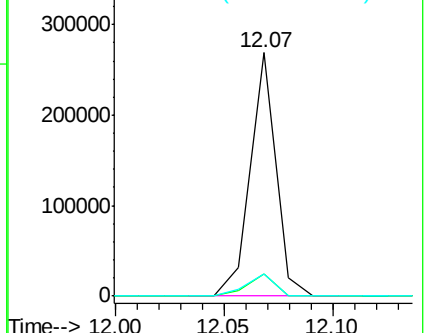
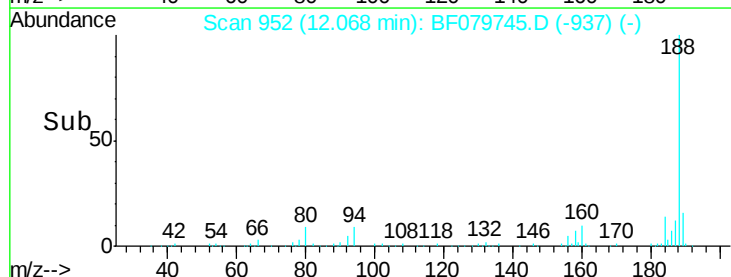
80 9.1 5.3 7.9#

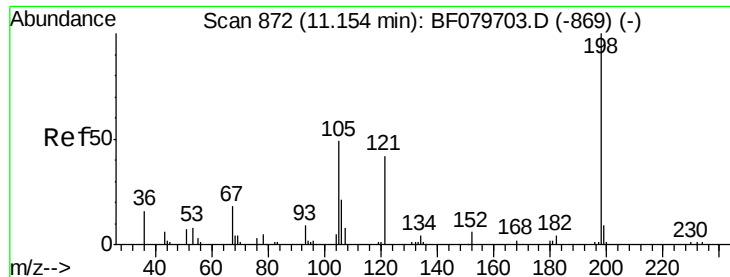


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

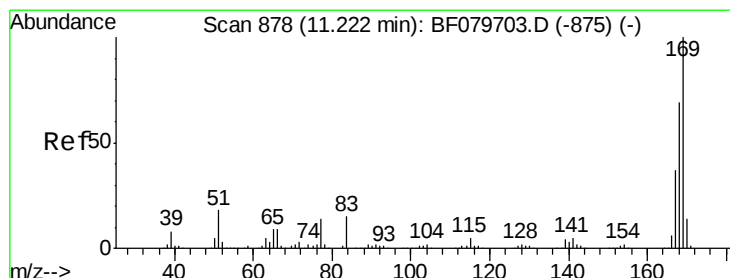
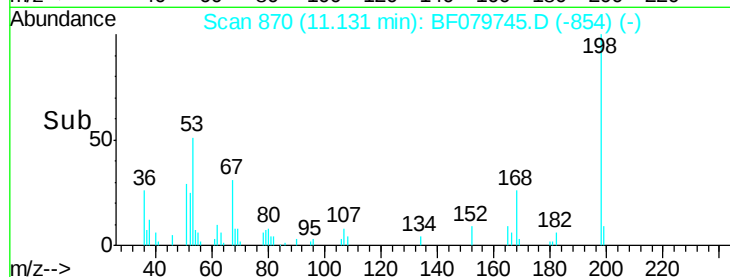
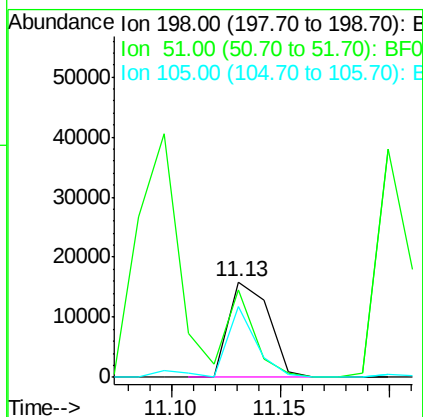
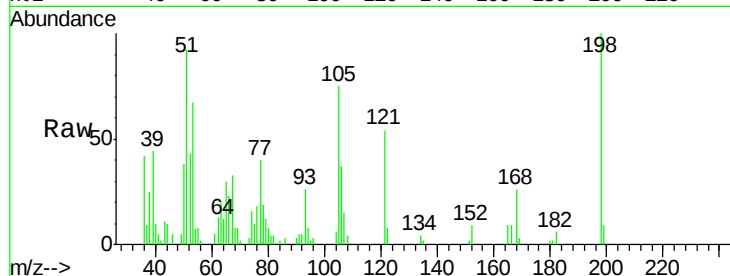




#64
4,6-Dinitro-2-methylphenol
Concen: 35.36 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

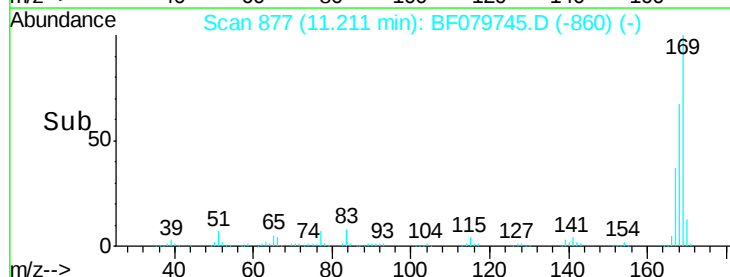
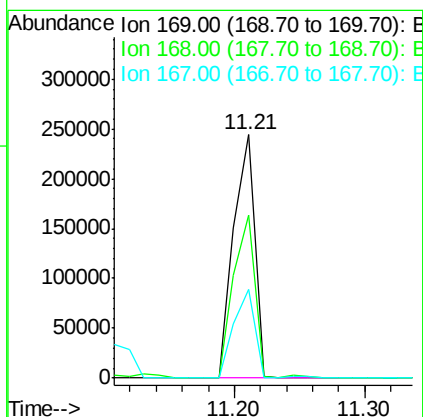
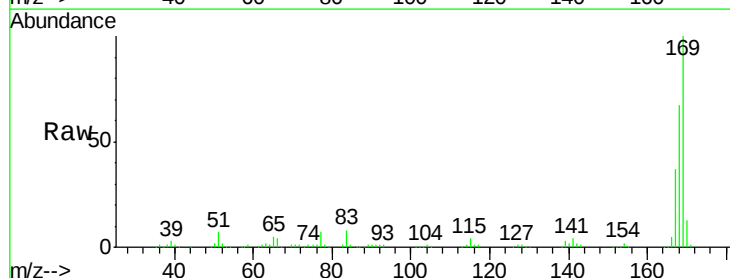
Instrument :
BNA_F
ClientSampleId :
ICVBF060515

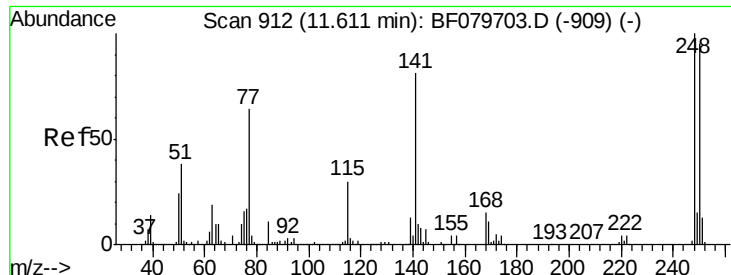
Tot Ion:198 Resp: 20375
Ion Ratio Lower Upper
198 100
51 91.8 34.4 74.4#
105 74.6 32.7 72.7#



#65
n-Nitrosodiphenylamine
Concen: 39.58 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

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

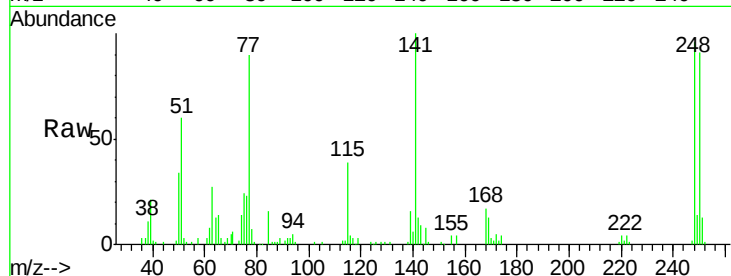




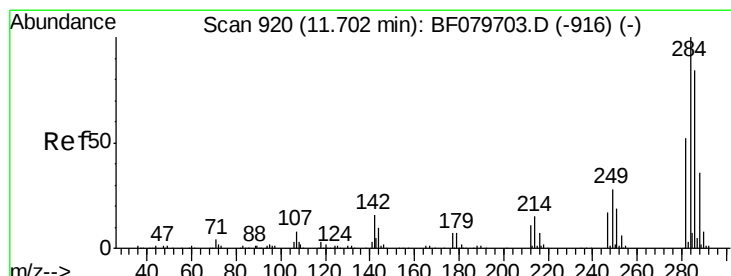
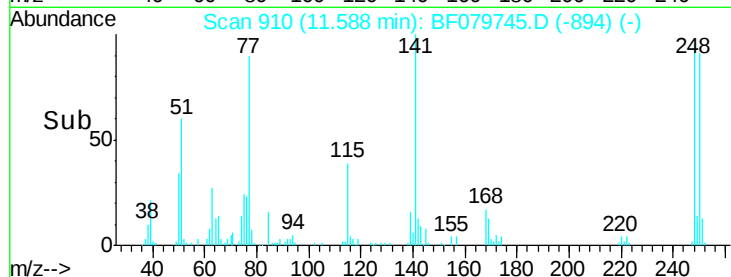
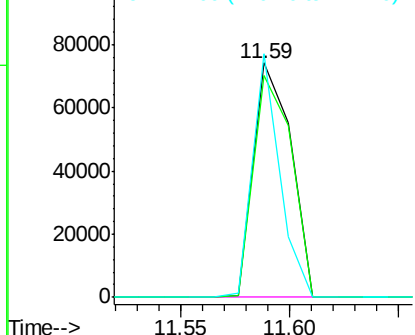
#66
4-Bromophenyl-phenylether
Concen: 38.37 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Instrument :
BNA_F
ClientSampleId :
ICVBF060515

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

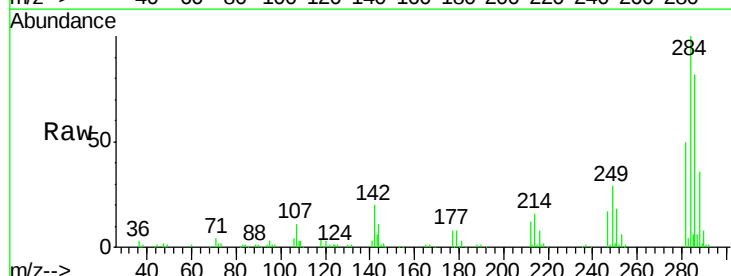


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

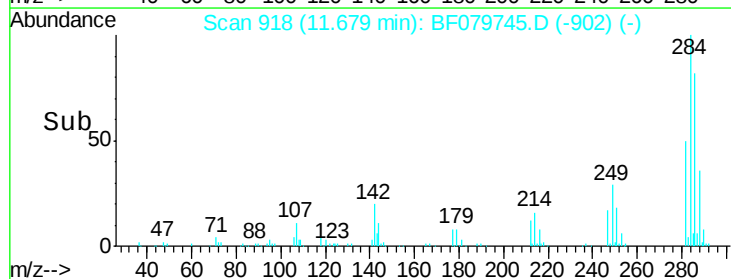
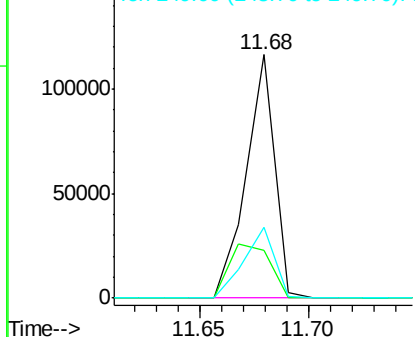


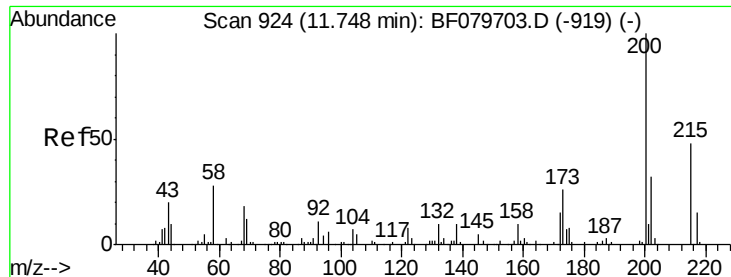
#67
Hexachlorobenzene
Concen: 40.32 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF079745.D
Acq: 5 Jun 2015 23:14

Tgt 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

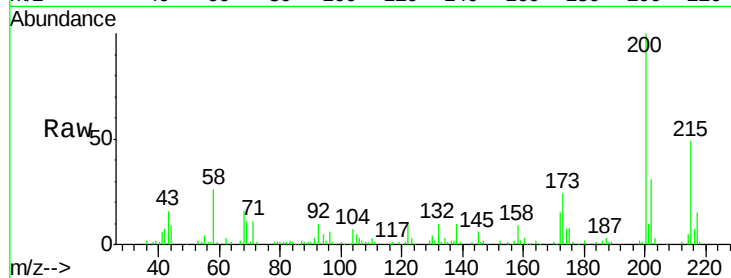




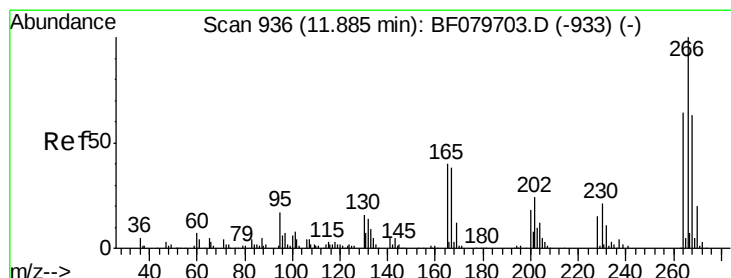
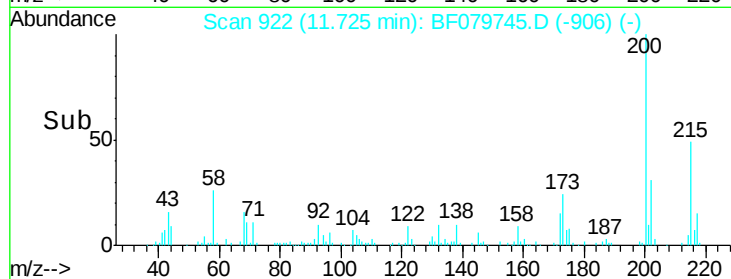
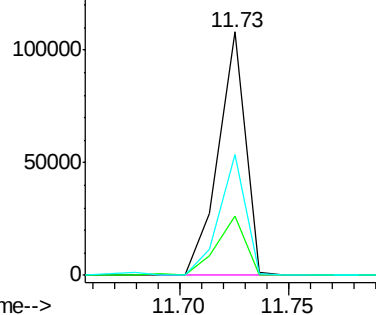
#68
 Atrazine
 Concen: 40.28 ng
 RT: 11.73 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060515

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.5	45.5
215	49.4	28.5	68.5

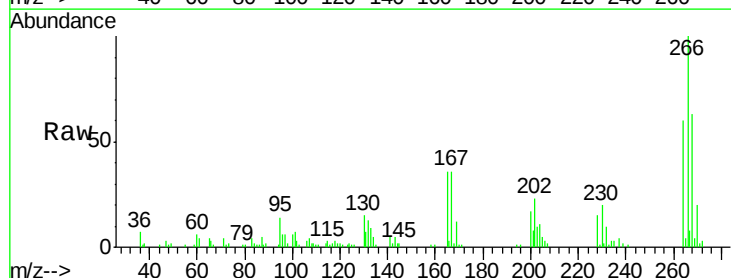


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

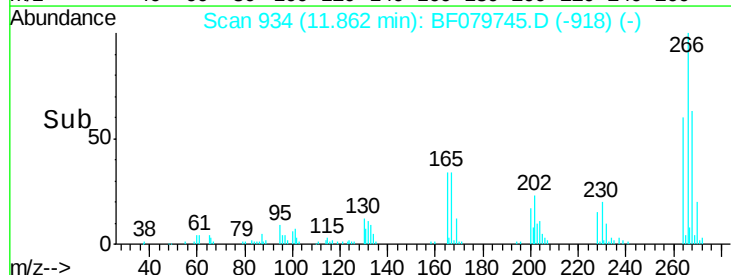
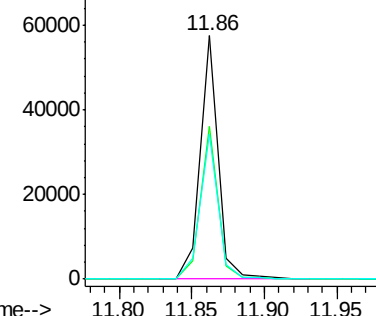


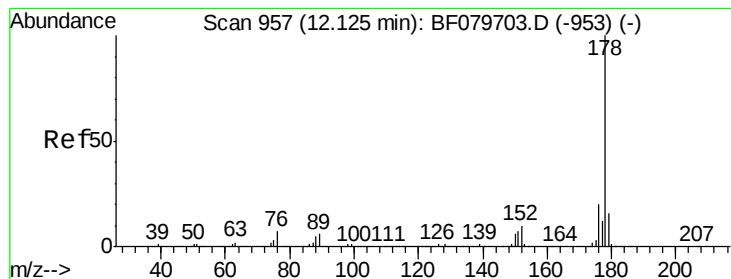
#69
 Pentachlorophenol
 Concen: 39.29 ng
 RT: 11.86 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF079745.D
 Acq: 5 Jun 2015 23:14

Tgt 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: 40.98 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

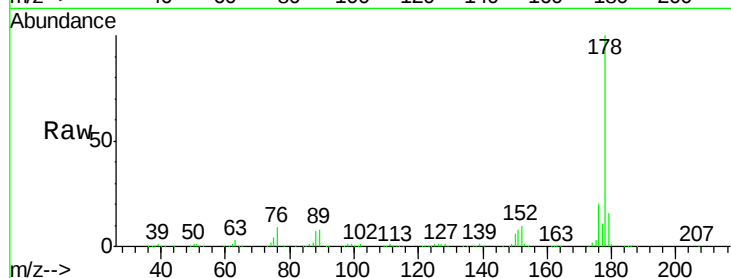
Tot Ion:178 Resp: 523717

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

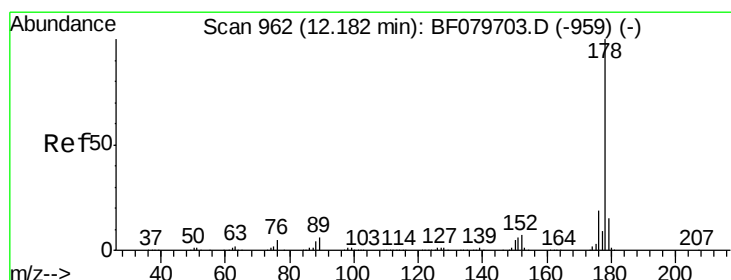
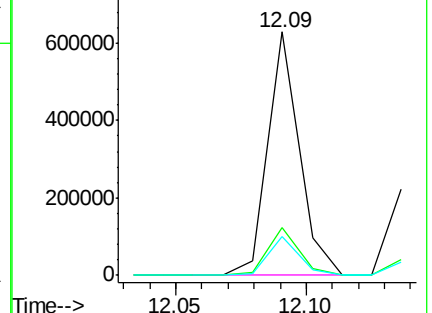
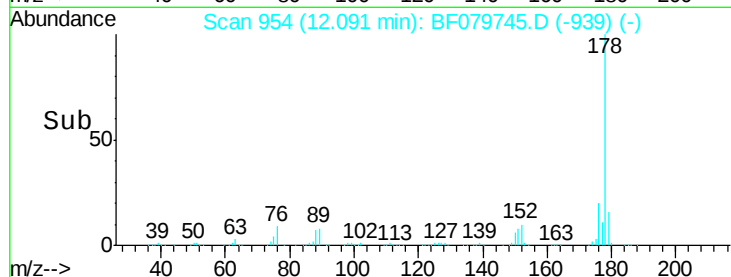
179 15.8 12.6 19.0



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: 40.91 ng

RT: 12.15 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

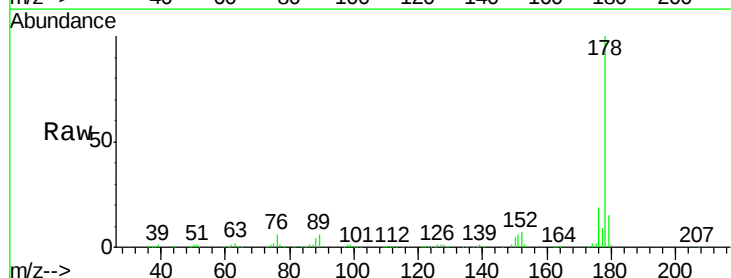
Tgt Ion:178 Resp: 517321

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

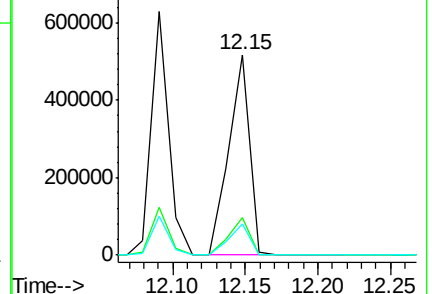
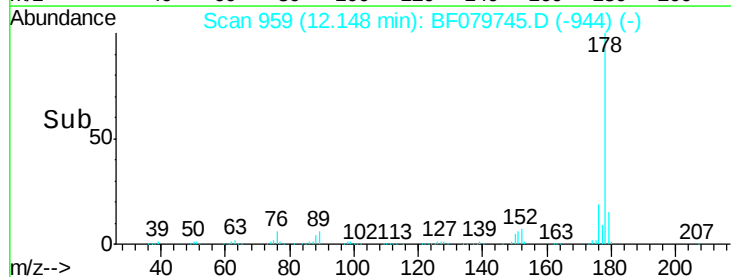
179 15.2 12.2 18.2

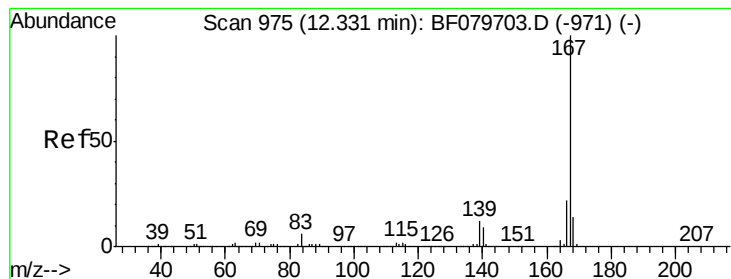


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 39.38 ng

RT: 12.29 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

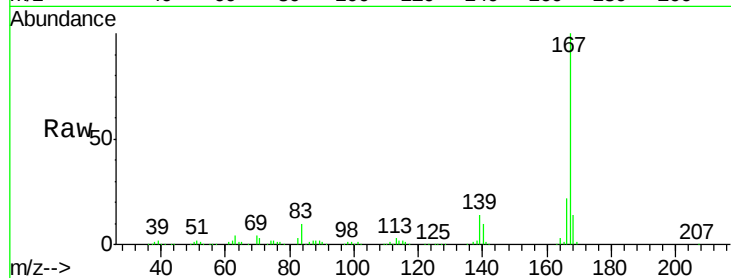
Tot Ion:167 Resp: 464121

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

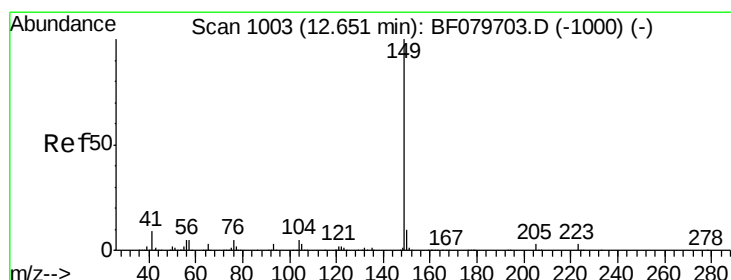
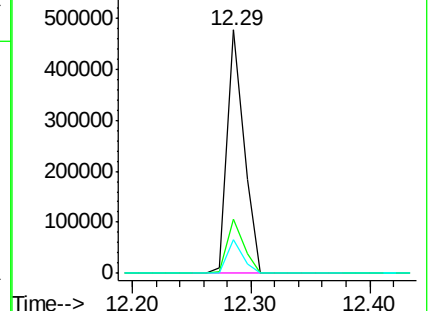
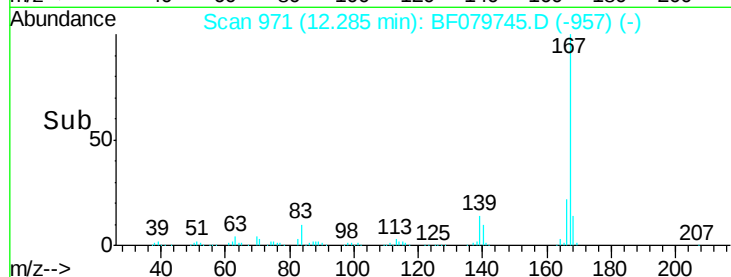
139 13.8 9.3 13.9



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: 39.74 ng

RT: 12.61 min Scan# 999

Delta R.T. -0.05 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

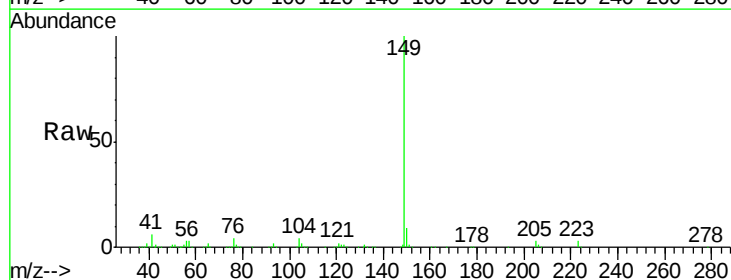
Tgt Ion:149 Resp: 557035

Ion Ratio Lower Upper

149 100

150 8.9 9.8 14.8#

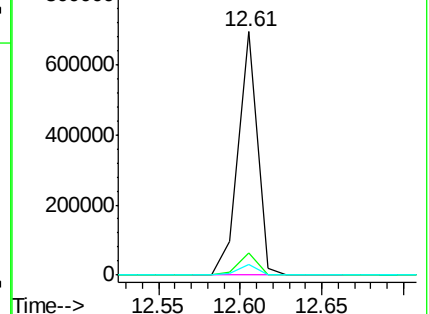
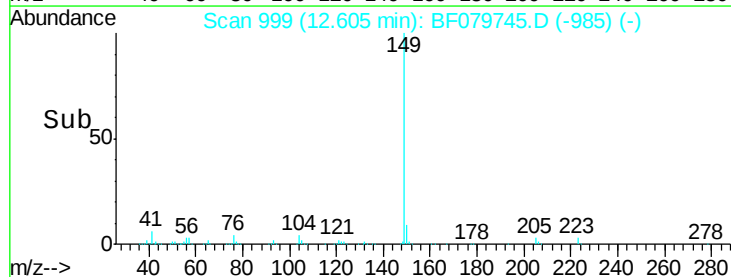
104 4.1 12.9 19.3#

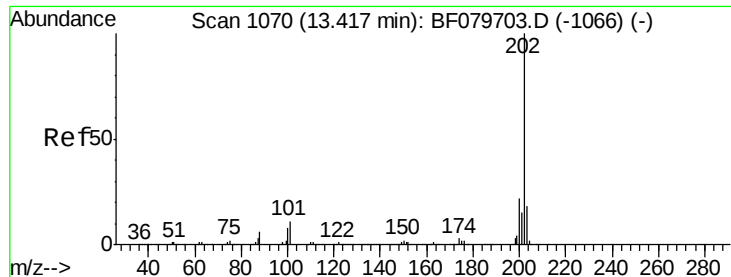


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.29 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.09 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

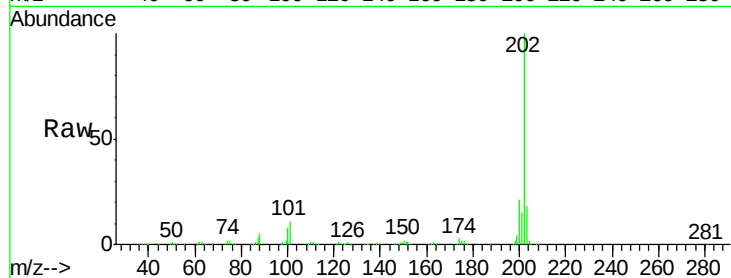
Tot Ion: 202 Resp: 572431

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.3

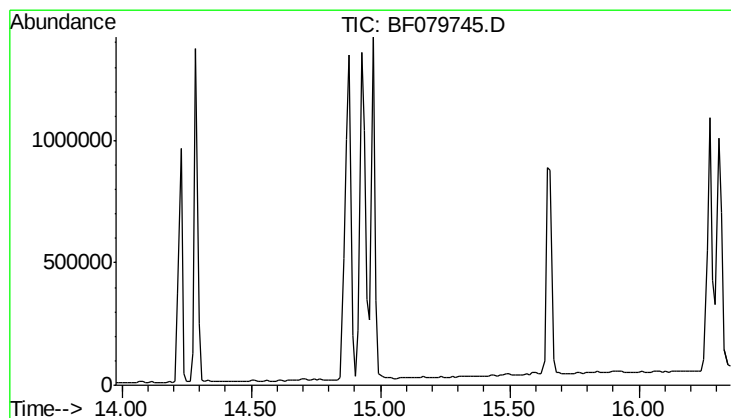
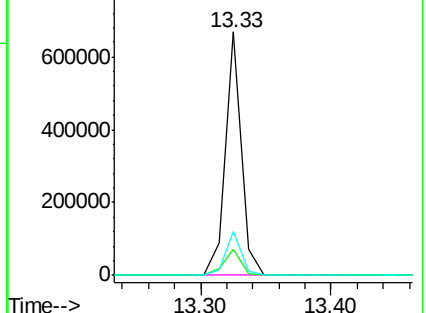
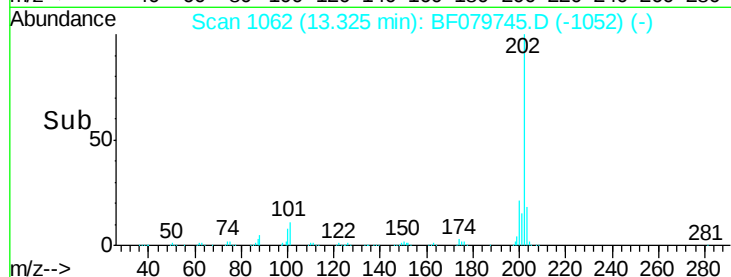
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 15.17 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

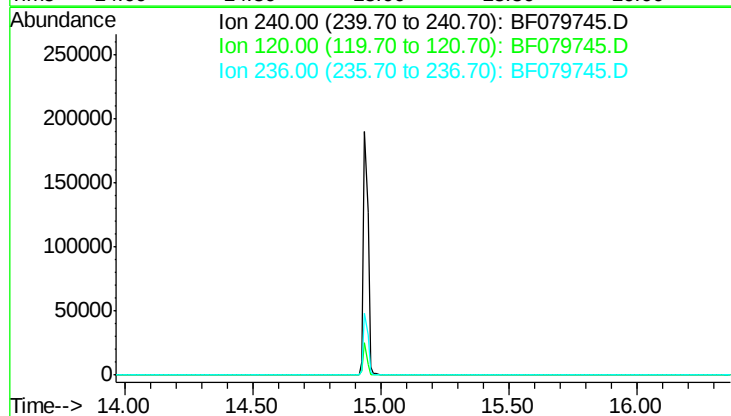
Tgt Ion: 240

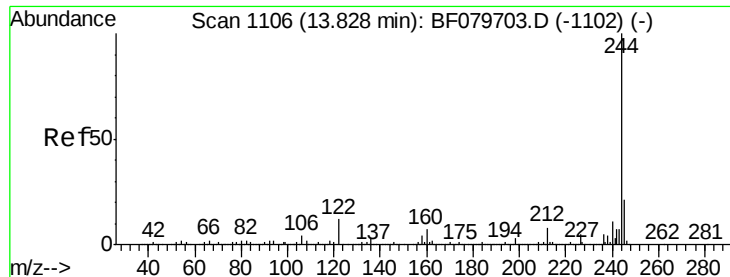
Sig Exp Ratio

240 100

120 7.7

236 26.2





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.11 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Instrument :

BNA_F

ClientSampleId :

ICVBF060515

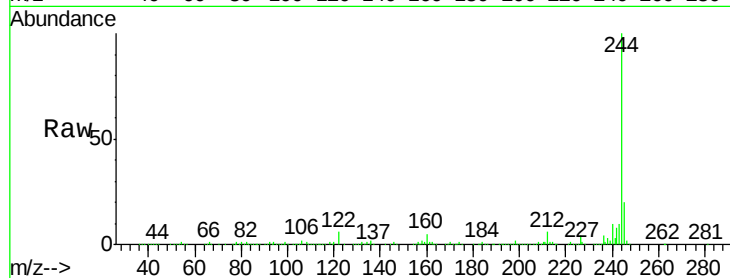
Tot Ion:244 Resp: 808198

Ion Ratio Lower Upper

244 100

212 6.1 6.1 9.1

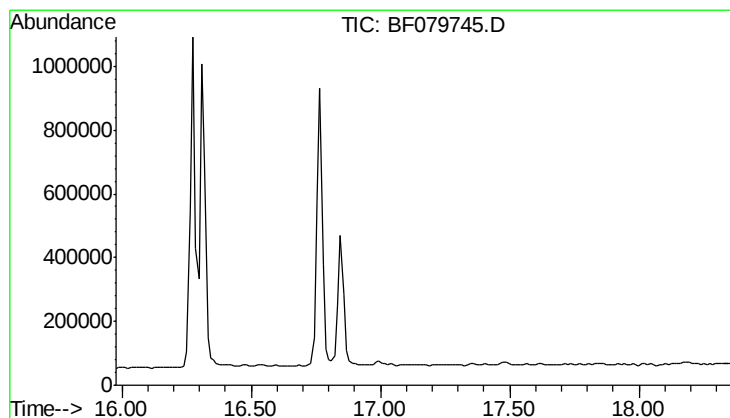
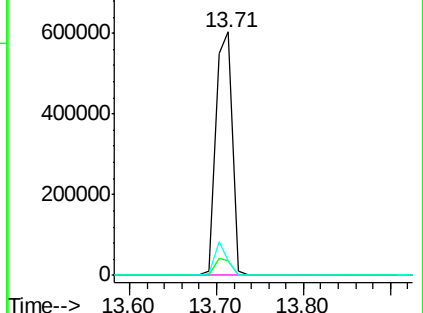
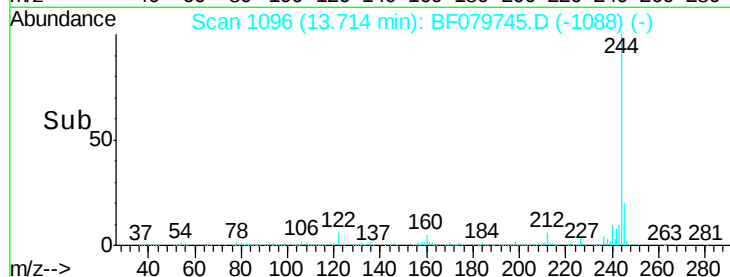
122 5.8 9.3 13.9#



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



#86

Perylene-d12

Concen: 0.00 ng

Expected RT: 17.17 min

Lab File: BF079745.D

Acq: 5 Jun 2015 23:14

Tgt Ion: 264

Sig Exp Ratio

264 100

260 23.2

265 22.8

