

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
 Data File : BF087736.D
 Acq On : 6 Jun 2016 5:21
 Operator : UM/SJ
 Sample : H3391-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

Quant Time: Jun 06 06:47:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	113542	20.00	ng	0.01
21) Naphthalene-d8	8.15	136	459983	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	210781	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	374689	20.00	ng	0.00
75) Chrysene-d12	14.01	240	237785	20.00	ng	-0.01
86) Perylene-d12	15.44	264	217422	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	283511	40.36	ng	0.03
7) Phenol-d6	6.57	99	85602	9.72	ng	0.08
23) Nitrobenzene-d5	7.43	82	632649	79.57	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	175354	82.88	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1274229	97.43	ng	0.00
78) Terphenyl-d14	12.97	244	820103	84.16	ng	0.00

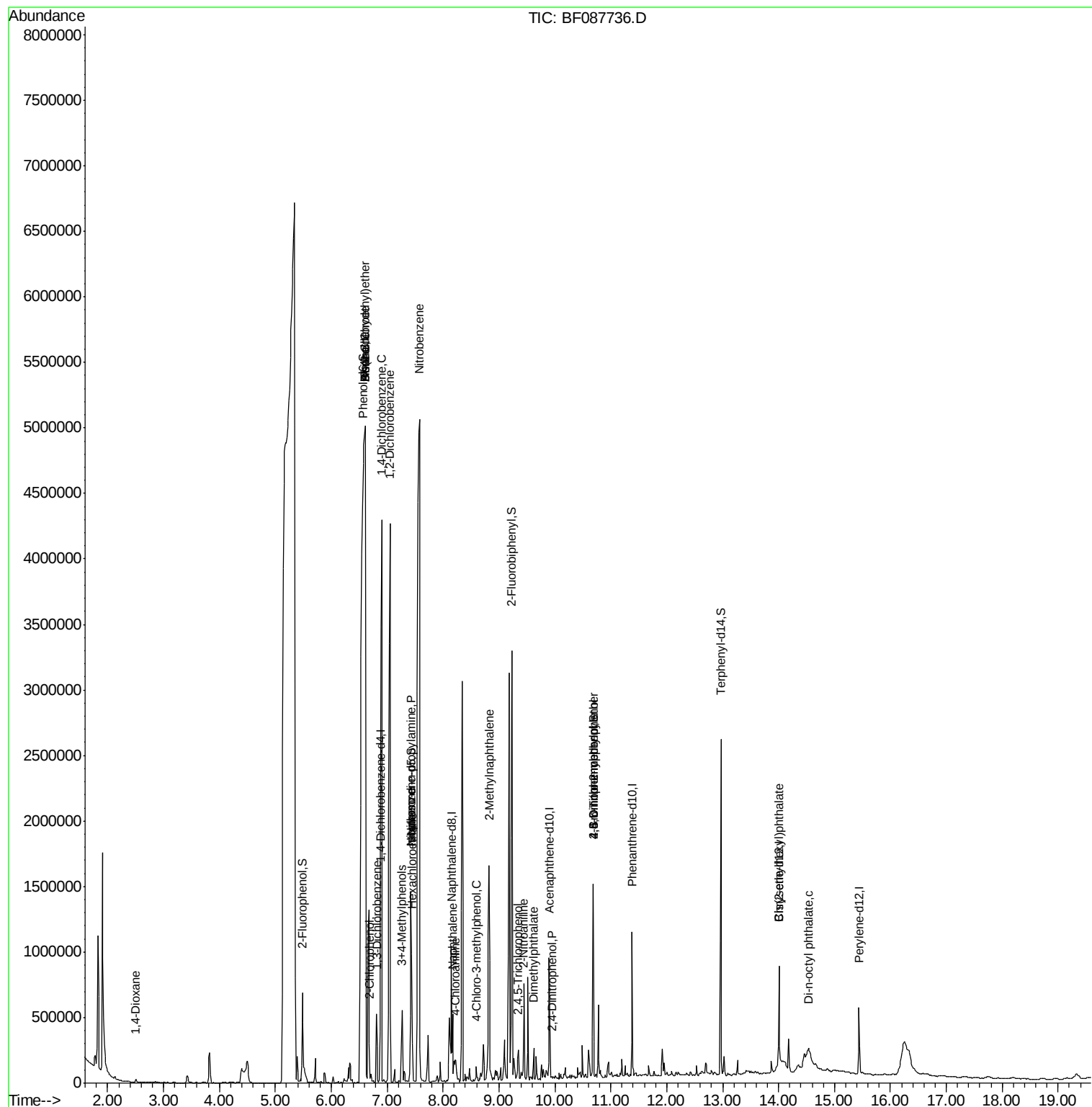
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	13585	4.00	ng	# 9
6) Aniline	6.60	93	9595220	768.39	ng	# 88
8) 2-Chlorophenol	6.68	128	92122	11.40	ng	# 79
9) Benzaldehyde	6.60	77	129595	21.76	ng	# 1
10) Phenol	6.60	94	751111	74.87	ng	# 1
11) bis(2-Chloroethyl)ether	6.60	93	9602287	1317.41	ng	# 21
12) 1,3-Dichlorobenzene	6.81	146	137761	15.92	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1442598	166.11	ng	96
14) 1,2-Dichlorobenzene	7.05	146	1278559	157.05	ng	# 92
18) Hexachloroethane	7.44	117	10395	3.42	ng	# 8
19) n-Nitroso-di-n-propylamine	7.43	70	83183	15.12	ng	# 76
20) 3+4-Methylphenols	7.27	107	154591	19.44	ng	# 37
24) Nitrobenzene	7.58	77	3011893	378.54	ng	# 33
25) Isophorone	7.43	82	509881	35.23	ng	# 65
31) Naphthalene	8.17	128	227883	10.19	ng	98
33) 4-Chloroaniline	8.23	127	147691	15.20	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	27564	4.23	ng	92
37) 2-Methylnaphthalene	8.82	142	80873	5.48	ng	# 1
43) 2,4,5-Trichlorophenol	9.34	196	15375	3.77	ng	# 77
47) 2-Nitroaniline	9.44	65	14685	3.83	ng	# 14
49) Dimethylphthalate	9.62	163	94024	6.14	ng	98
53) 2,4-Dinitrophenol	9.95	184	586	4.23	ng	# 23
60) 4-Chlorophenyl-phenylether	10.65	204	319	Below Cal		# 62
64) 4,6-Dinitro-2-methylphenol	10.68	198	618	2.30	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	10498	2.83	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.01	149	59909	6.99	ng	# 75
84) Di-n-octyl phthalate	14.54	149	245306	15.39	ng	# 100

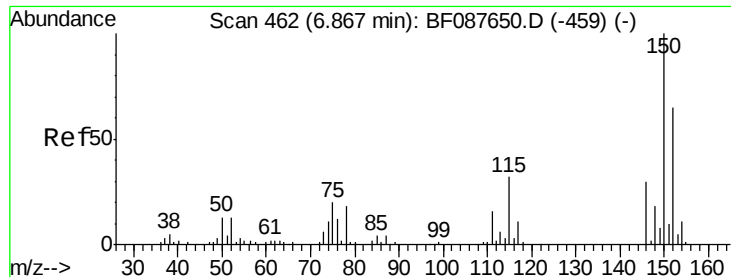
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060516\
Data File : BF087736.D
Acq On : 6 Jun 2016 5:21
Operator : UM/SJ
Sample : H3391-01
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216

Quant Time: Jun 06 06:47:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

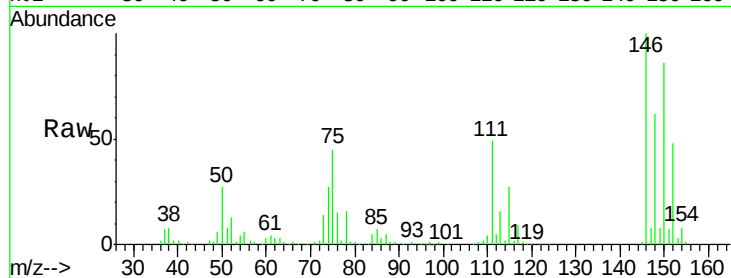
Tgt Ion:152 Resp: 113542

Ion Ratio Lower Upper

152 100

150 178.3 123.8 185.6

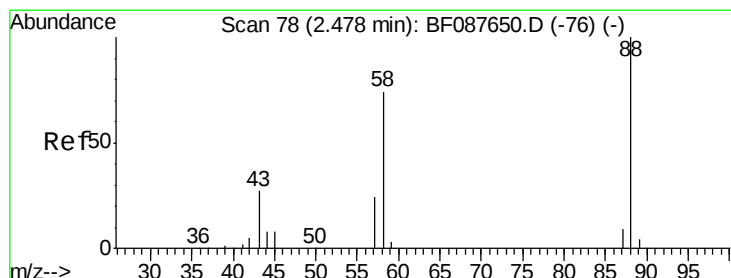
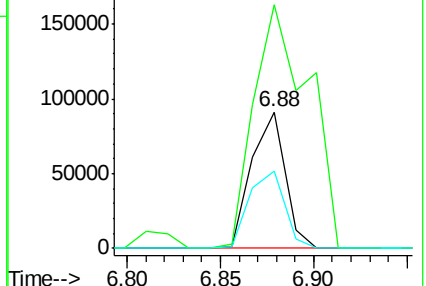
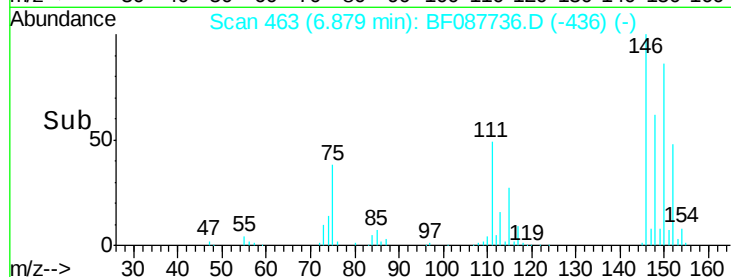
115 57.0 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.00 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

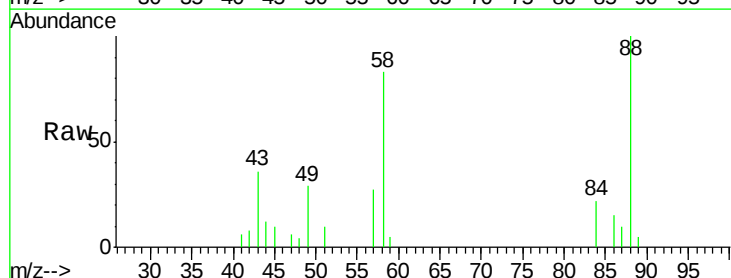
Tgt Ion: 88 Resp: 13585

Ion Ratio Lower Upper

88 100

58 77.6 0.0 0.0#

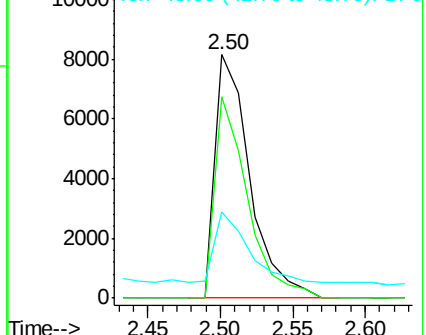
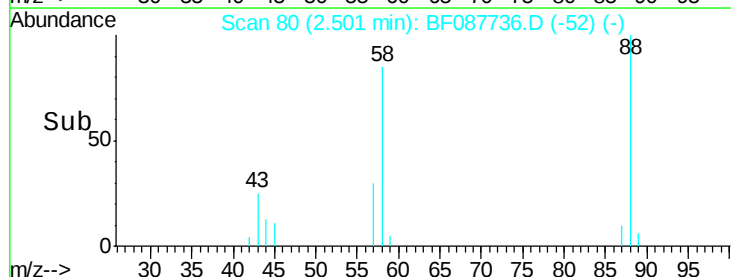
43 34.3 3.4 5.2#

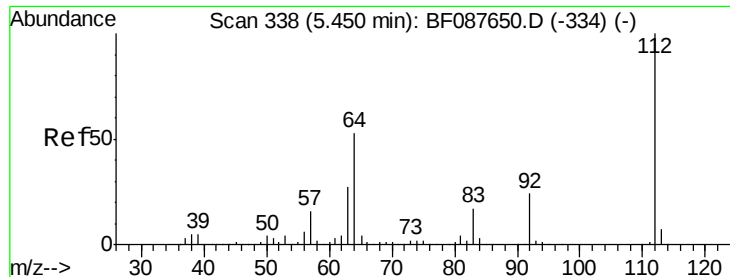


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 40.36 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.03 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

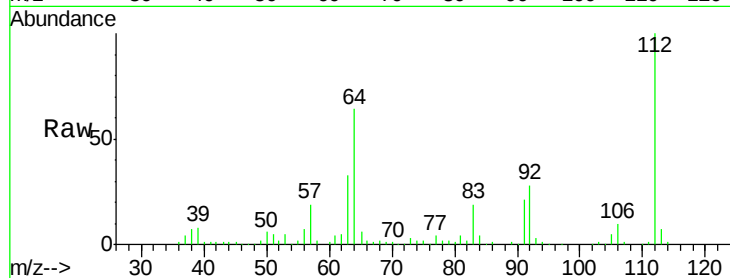
BNA_F

ClientSampleId :

SYSDIS-060216

Tgt Ion: 112 Resp: 283511

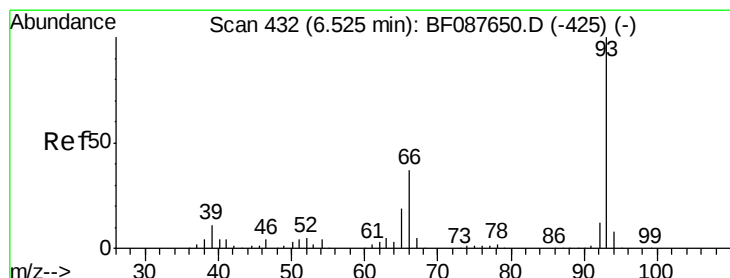
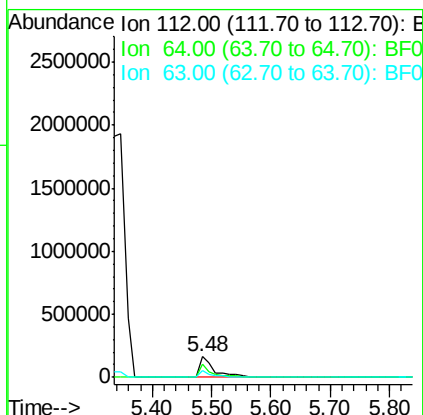
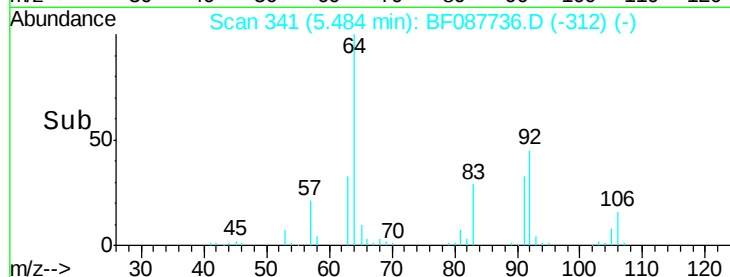
Ion	Ratio	Lower	Upper
112	100		
64	64.0	42.2	63.2#
63	33.1	21.8	32.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 768.39 ng

RT: 6.60 min Scan# 439

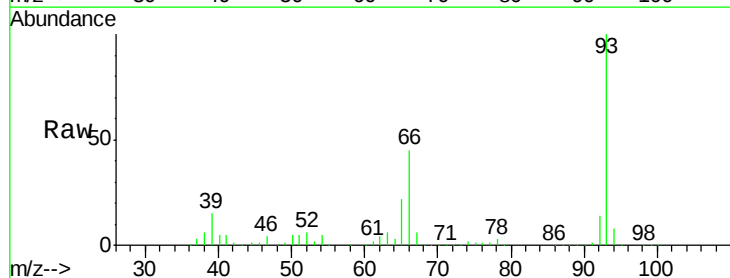
Delta R.T. 0.08 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Tgt Ion: 93 Resp: 9595220

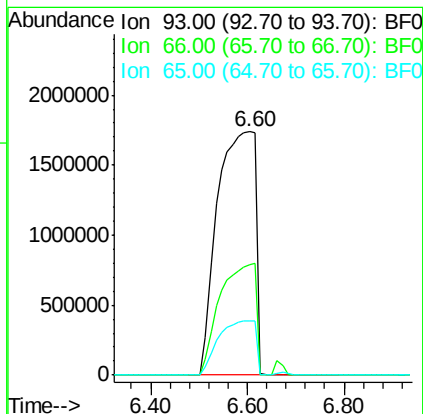
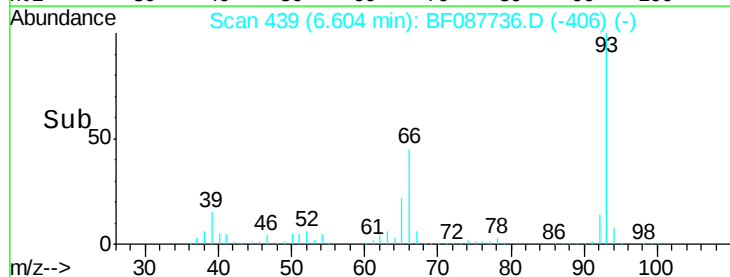
Ion	Ratio	Lower	Upper
93	100		
66	45.4	29.8	44.8#
65	22.4	14.9	22.3#

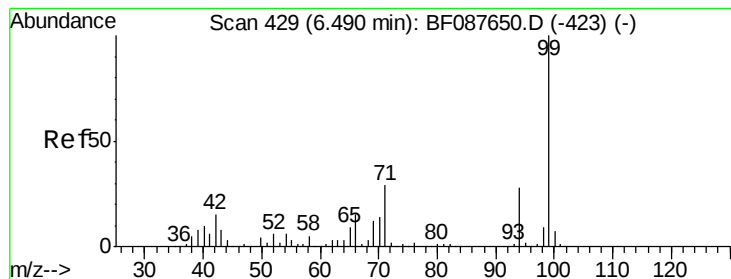


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 9.72 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.08 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

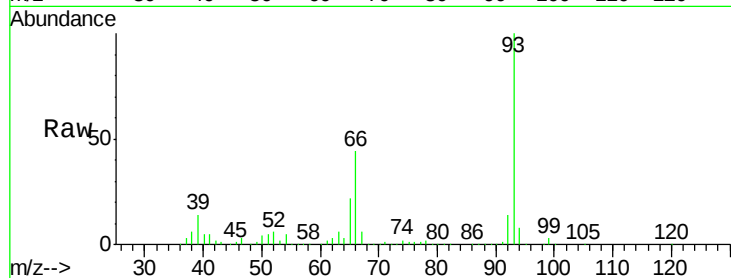
Tgt Ion: 99 Resp: 85602

Ion Ratio Lower Upper

99 100

42 69.4 12.2 18.2#

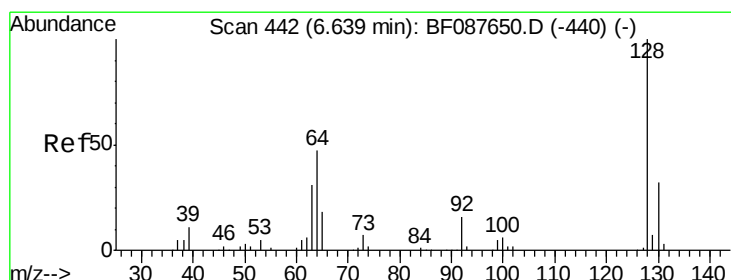
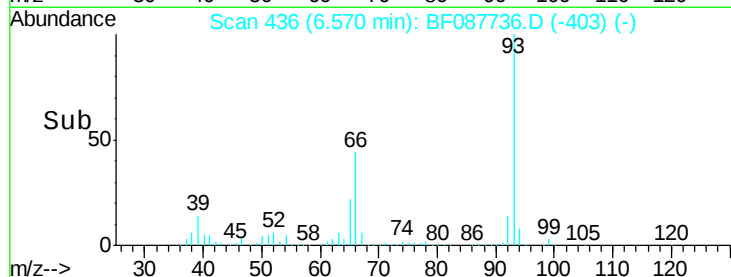
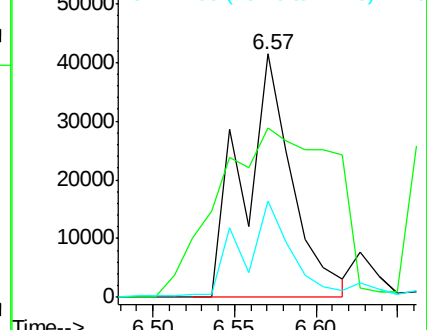
71 39.7 23.4 35.0#



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: 11.40 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.05 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

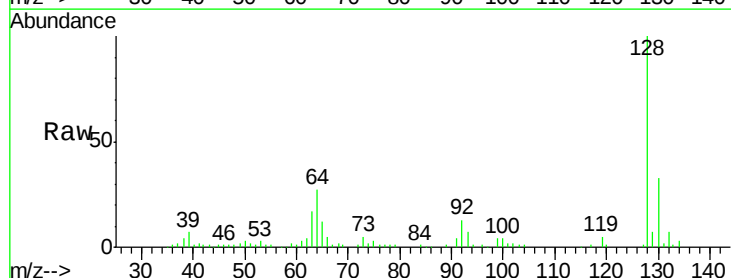
Tgt Ion: 128 Resp: 92122

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

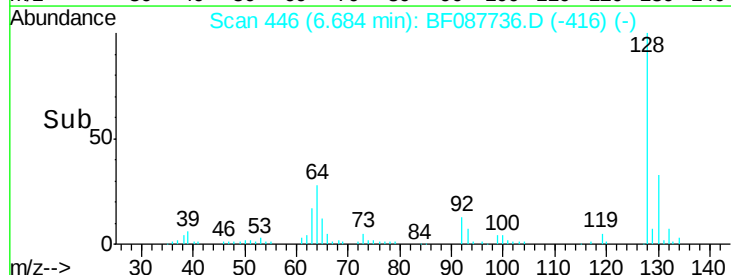
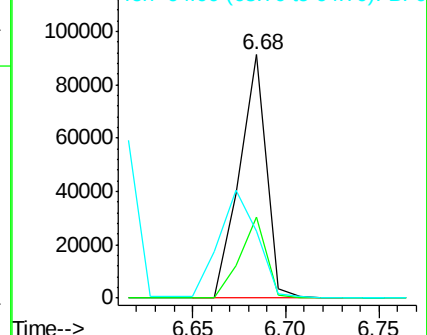
64 27.4 30.8 70.8#

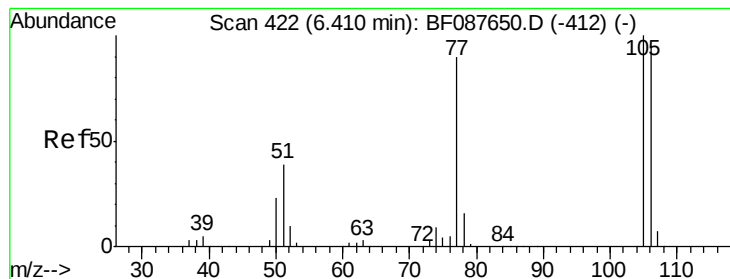


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.76 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.19 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

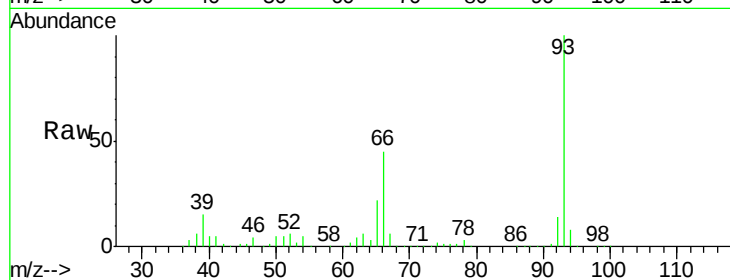
Tgt Ion: 77 Resp: 129595

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

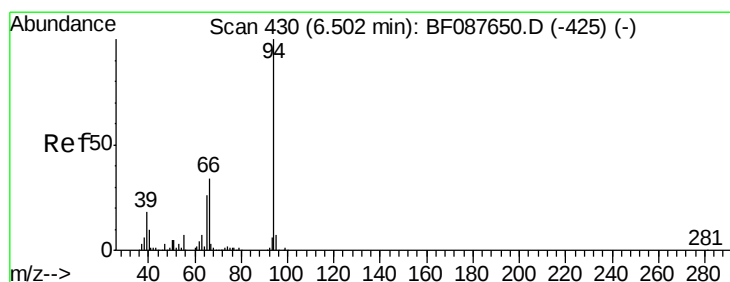
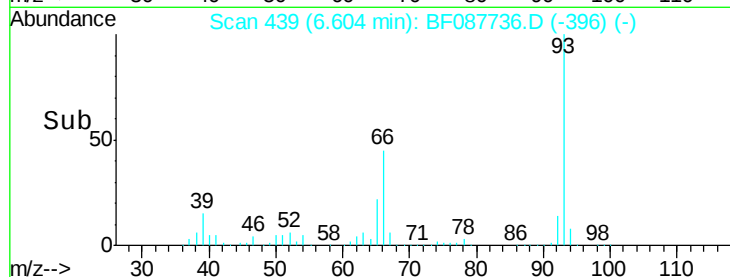
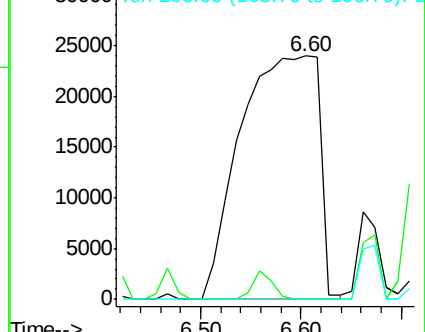
106 0.0 85.3 125.3#



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: 74.87 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.10 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

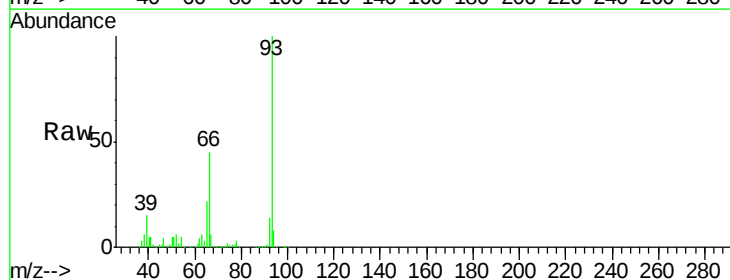
Tgt Ion: 94 Resp: 751111

Ion Ratio Lower Upper

94 100

65 280.0 5.9 45.9#

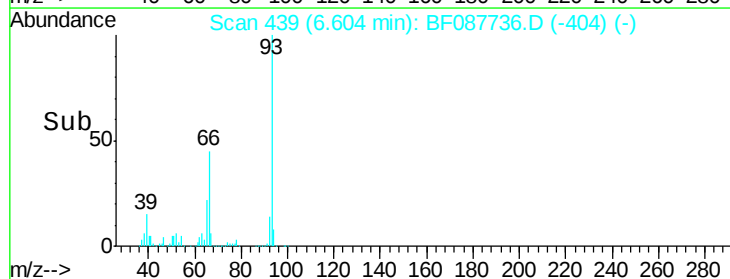
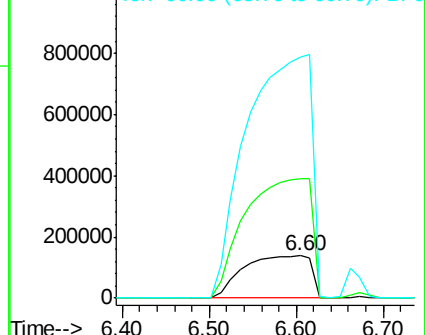
66 567.3 14.0 54.0#

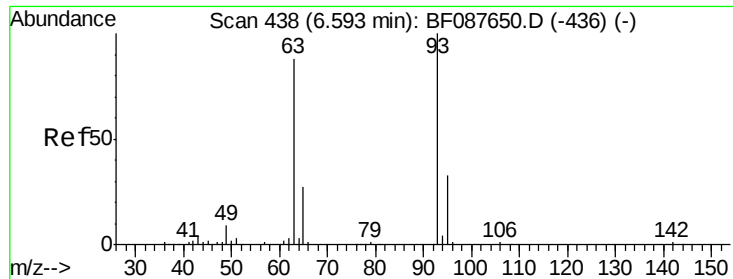


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

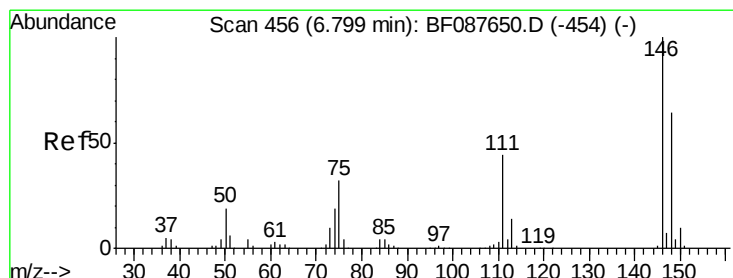
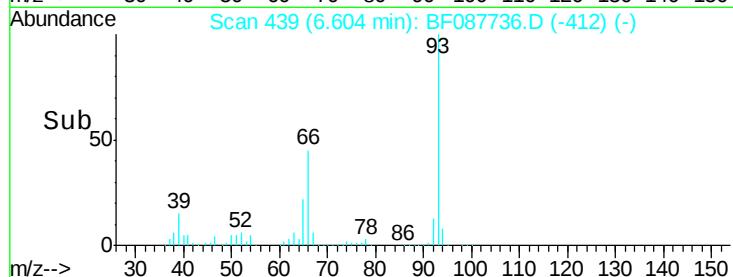
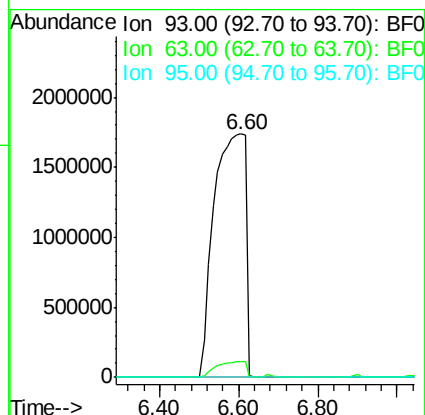
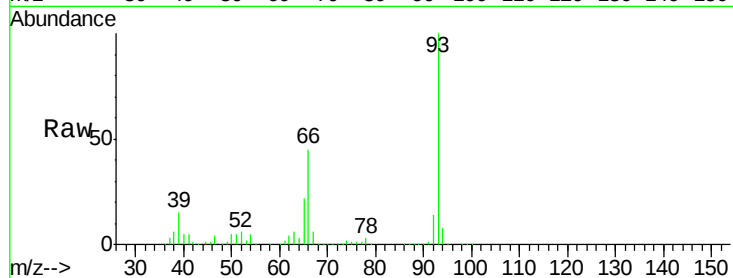




#11
 bis(2-Chloroethyl)ether
 Concen: 1317.41 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

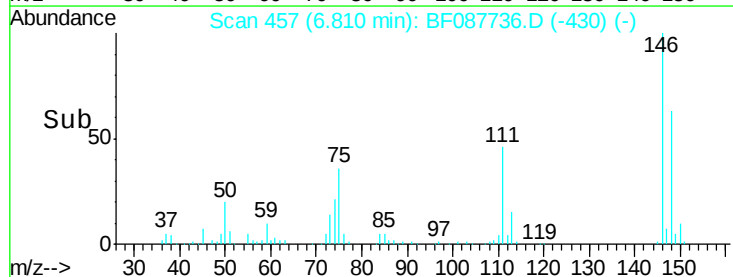
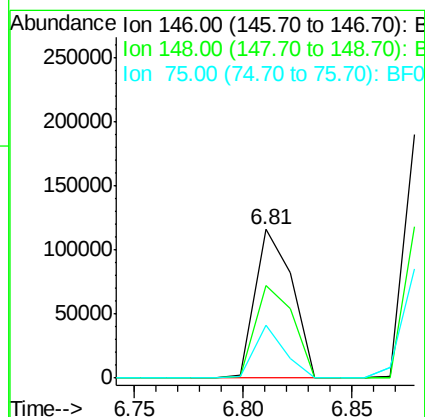
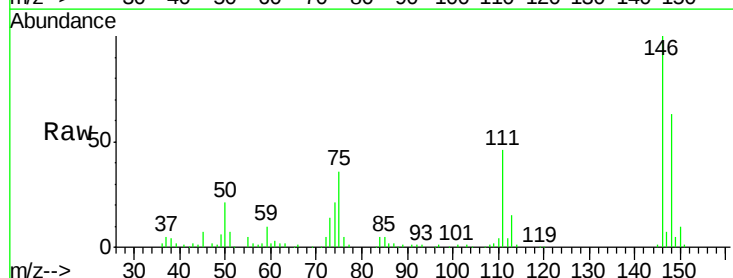
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

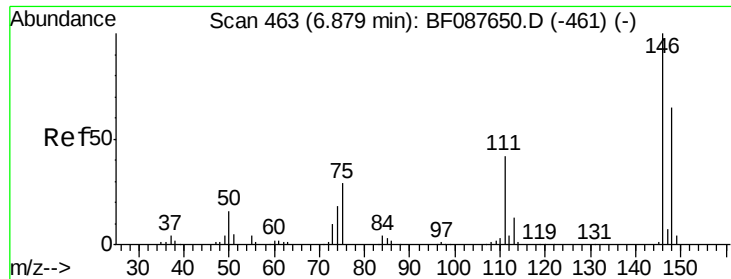
Tgt Ion: 93 Resp: 9602287
 Ion Ratio Lower Upper
 93 100
 63 6.4 67.6 107.6#
 95 0.3 12.5 52.5#



#12
 1,3-Dichlorobenzene
 Concen: 15.92 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Tgt Ion: 146 Resp: 137761
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.9 76.3
 75 35.7 25.6 38.4

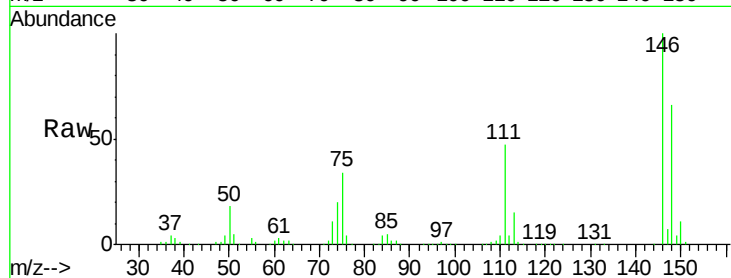




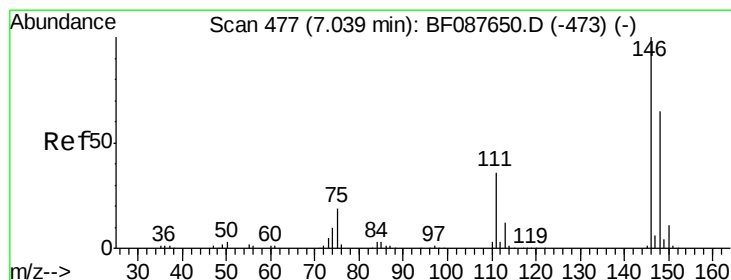
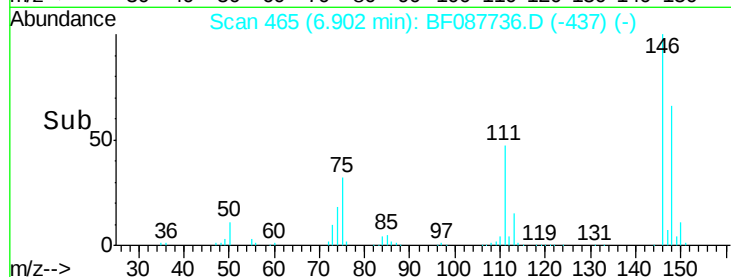
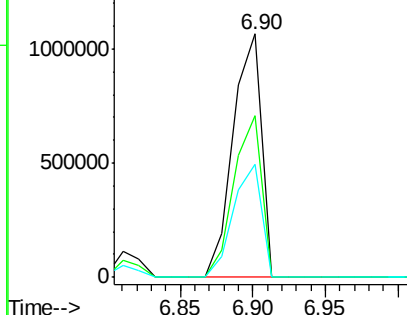
#13
 1,4-Dichlorobenzene
 Concen: 166.11 ng
 RT: 6.90 min Scan# 465
 Delta R.T. 0.02 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

Tgt Ion:146 Resp: 1442598
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.0 78.0
 111 46.5 33.8 50.8

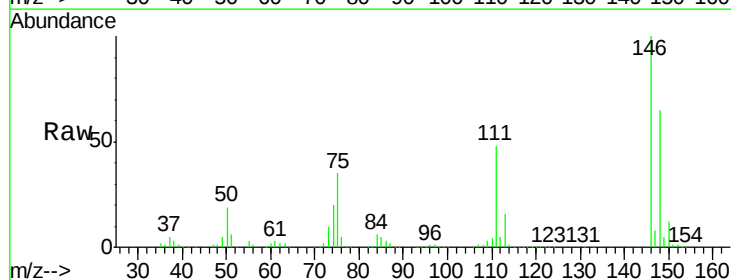


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

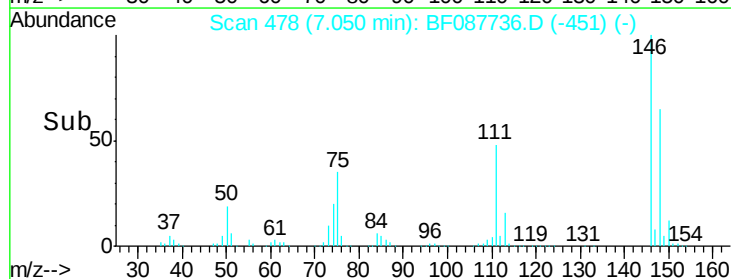
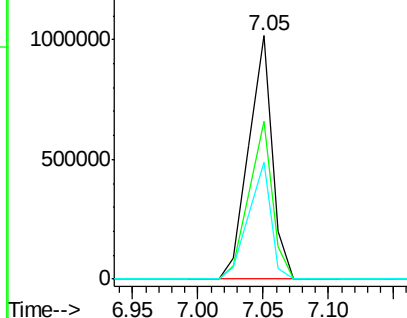


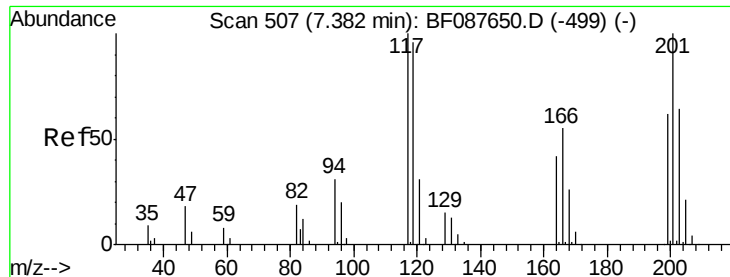
#14
 1,2-Dichlorobenzene
 Concen: 157.05 ng
 RT: 7.05 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Tgt Ion:146 Resp: 1278559
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 48.2 28.7 43.1#



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

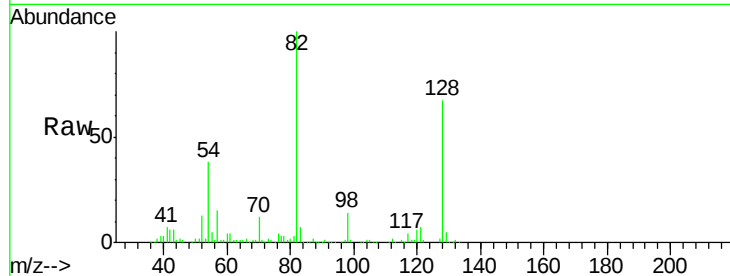




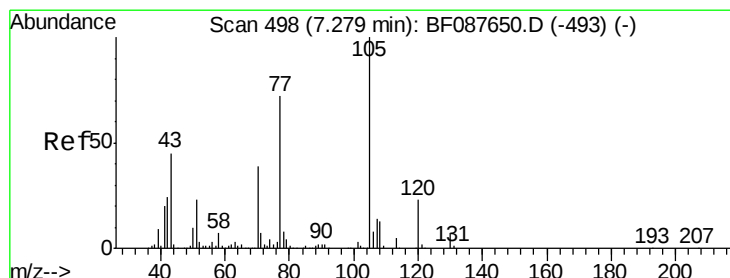
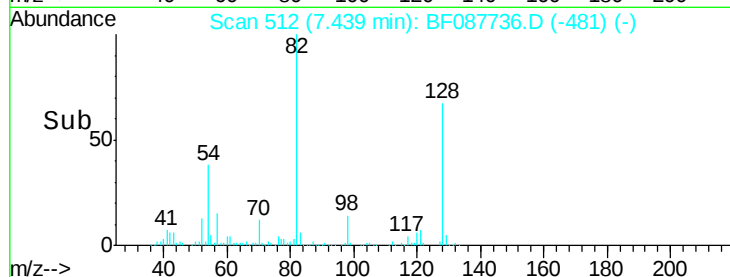
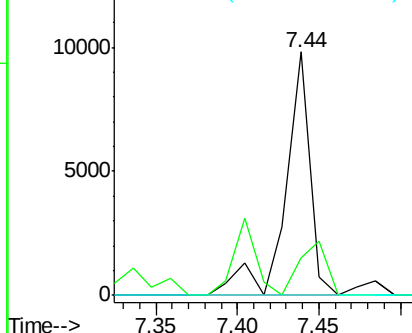
#18
Hexachloroethane
Concen: 3.42 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.06 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216

Tgt Ion: 117 Resp: 10395
Ion Ratio Lower Upper
117 100
119 15.3 77.4 116.2#
201 0.0 80.4 120.6#

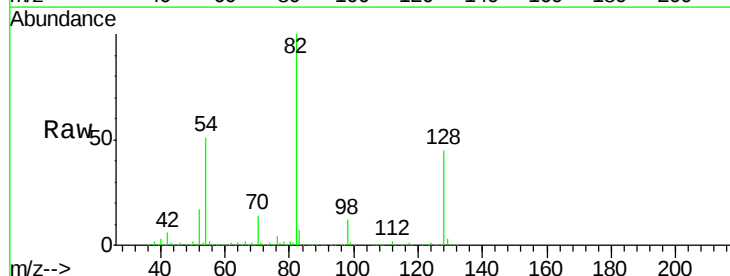


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

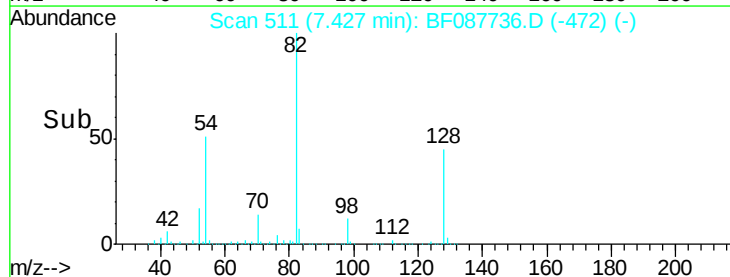
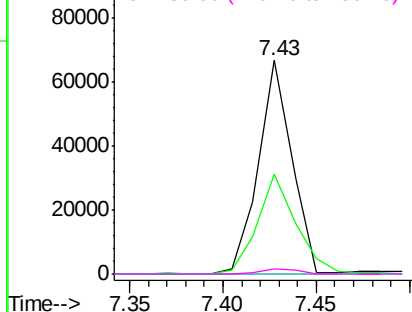


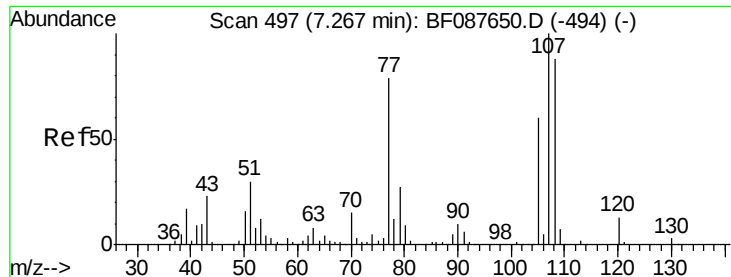
#19
n-Nitroso-di-n-propylamine
Concen: 15.12 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.15 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Tgt Ion: 70 Resp: 83183
Ion Ratio Lower Upper
70 100
42 46.7 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



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

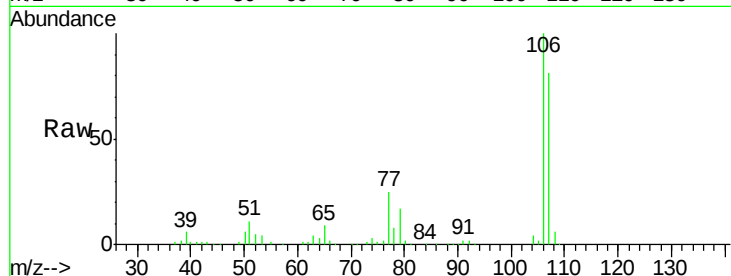




#20
3+4-Methylphenols
Concen: 19.44 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216

Tgt Ion	Resp	Lower	Upper
107	154591		
107	100		
108	7.5	67.8	107.8#
77	31.6	59.3	99.3#
79	20.5	7.0	47.0



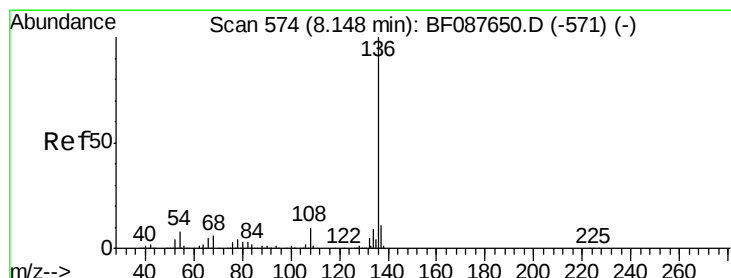
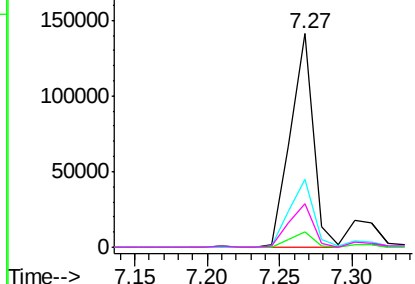
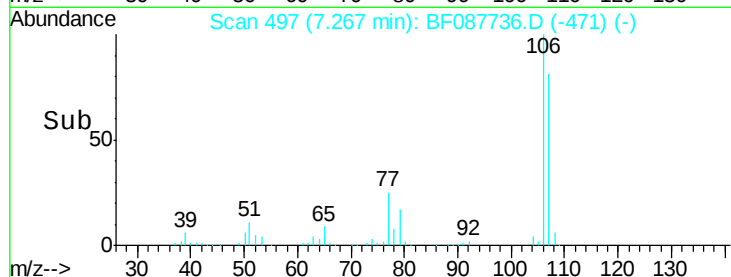
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

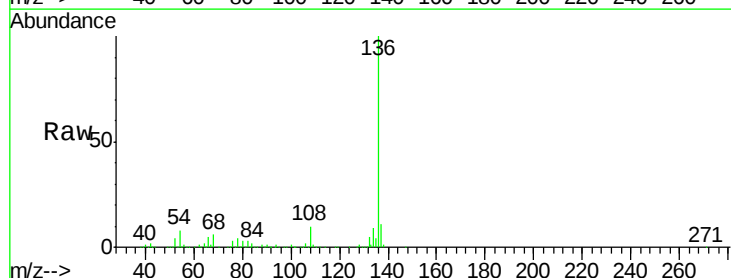
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Tgt Ion	Resp	Lower	Upper
136	459983		
136	100		
137	11.3	9.1	13.7
54	7.8	6.6	10.0
68	6.2	5.1	7.7



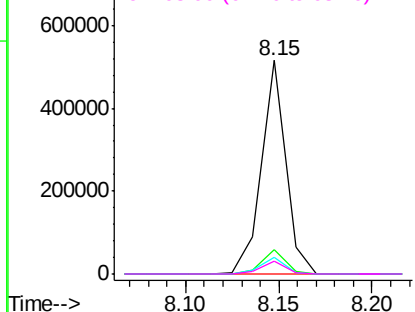
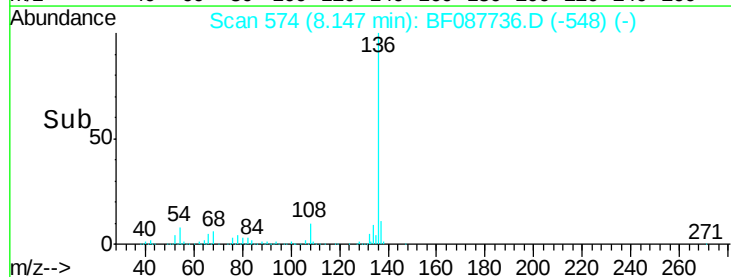
Abundance

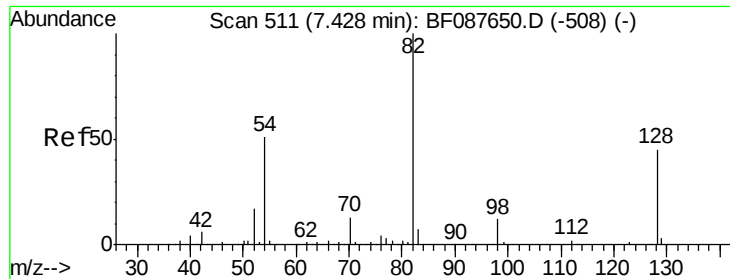
Ion 136.00 (135.70 to 136.70): E

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

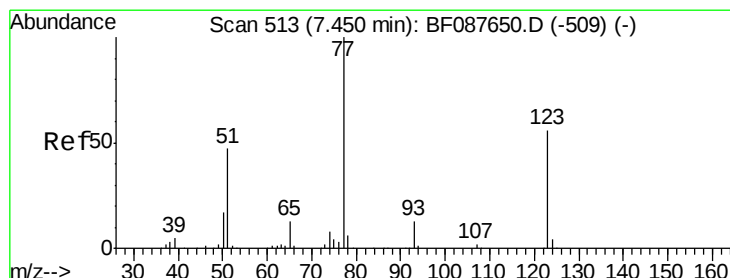
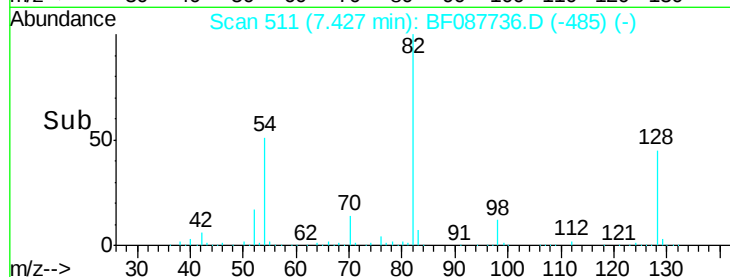
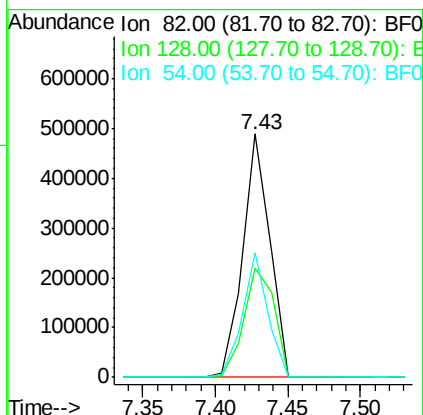
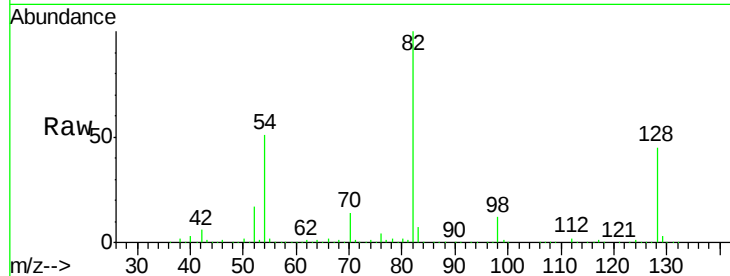




#23
Nitrobenzene-d5
Concen: 79.57 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

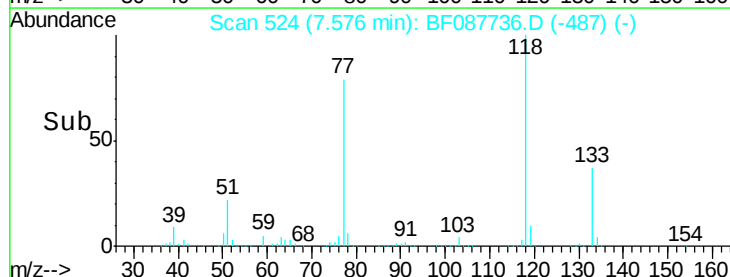
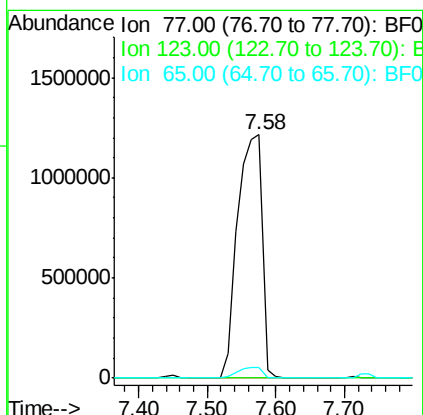
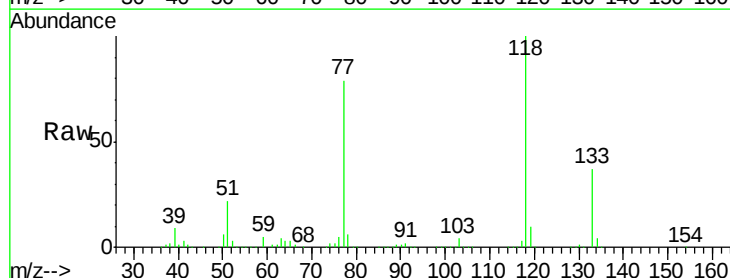
Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216

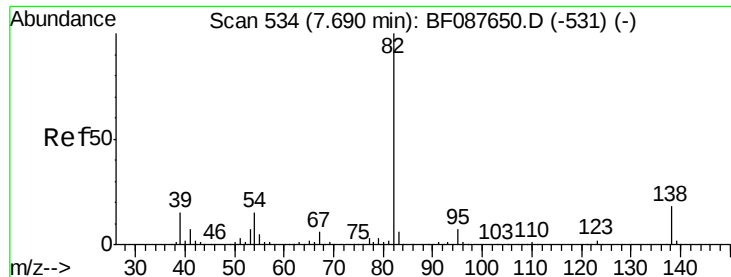
Tgt Ion: 82 Resp: 632649
Ion Ratio Lower Upper
82 100
128 45.0 35.9 53.9
54 51.0 40.9 61.3



#24
Nitrobenzene
Concen: 378.54 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.13 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Tgt Ion: 77 Resp: 3011893
Ion Ratio Lower Upper
77 100
123 0.0 45.0 67.4#
65 4.2 10.2 15.2#





#25

Isophorone

Concen: 35.23 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.26 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

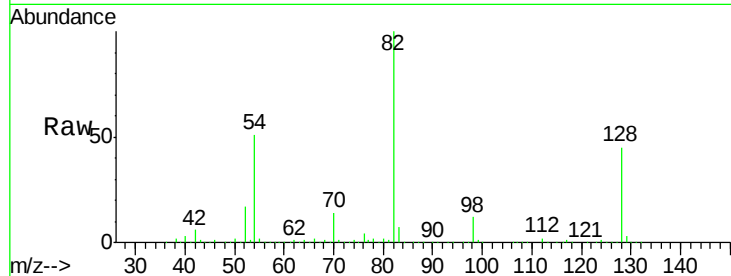
Tgt Ion: 82 Resp: 509881

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

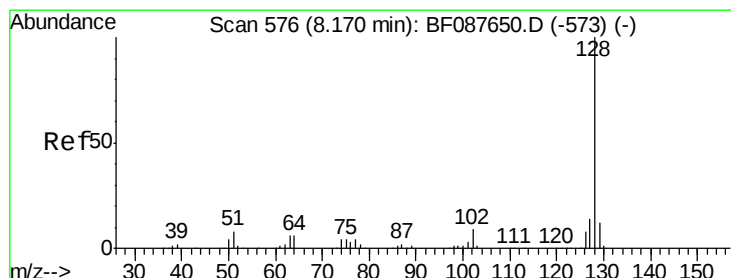
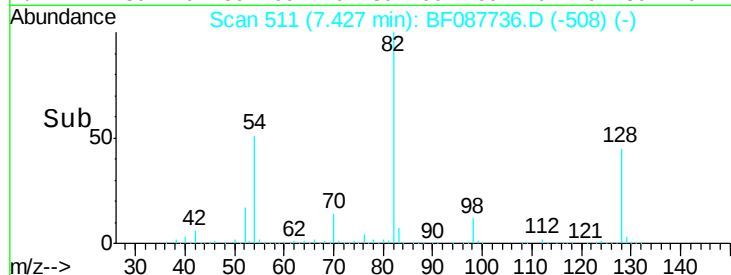
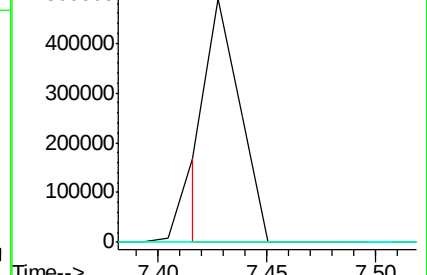
138 0.0 14.6 21.8#



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



#31

Naphthalene

Concen: 10.19 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

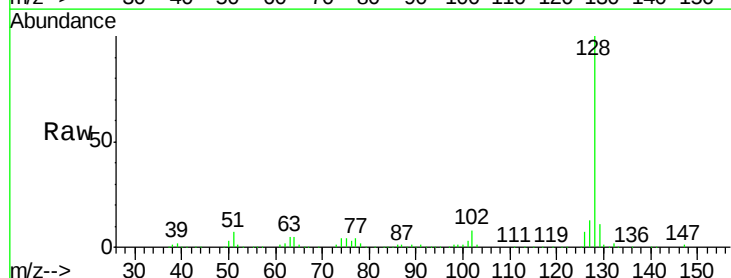
Tgt Ion: 128 Resp: 227883

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

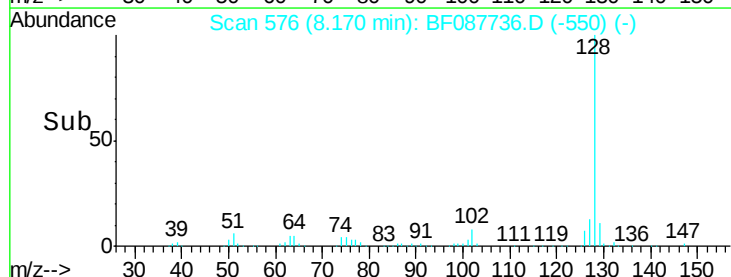
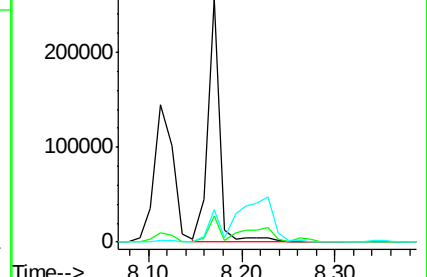
127 13.2 10.9 16.3

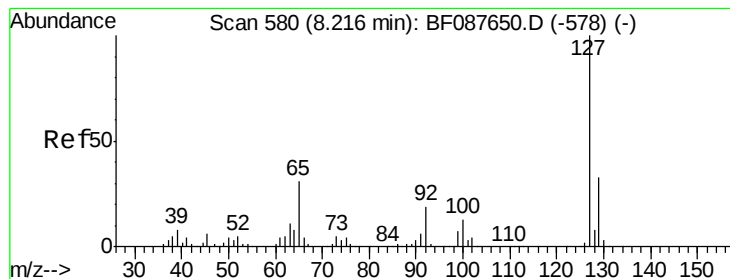


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#33

4-Chloroaniline

Concen: 15.20 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

Tgt Ion:127 Resp: 147691

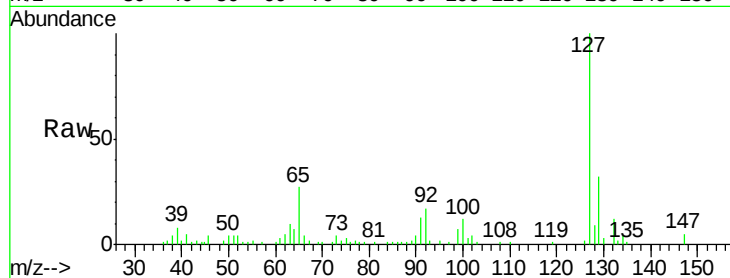
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 27.1 24.7 37.1

92 16.9 15.4 23.0

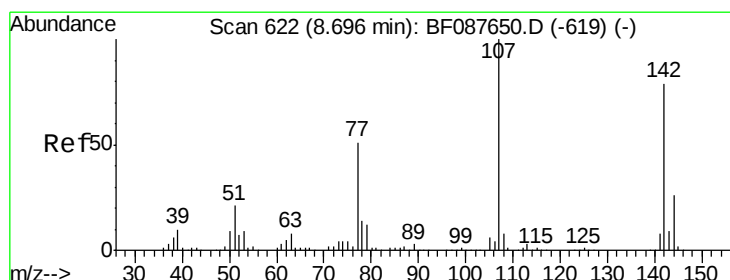
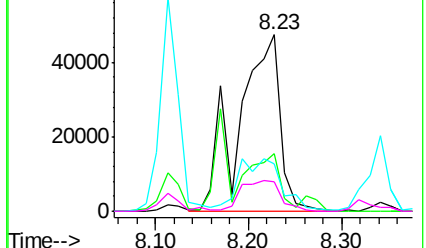
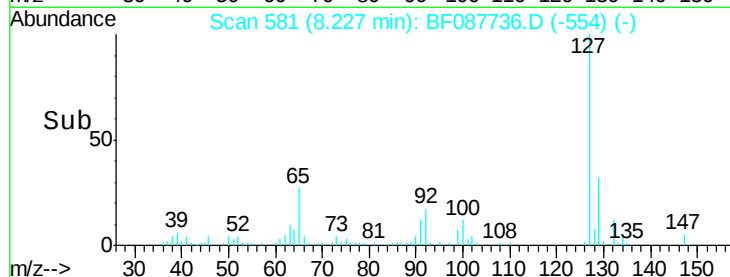


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 4.23 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.10 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

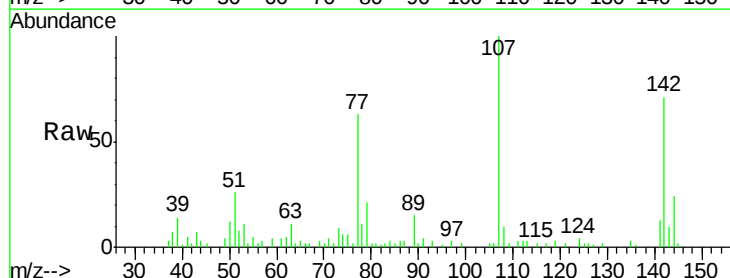
Tgt Ion:107 Resp: 27564

Ion Ratio Lower Upper

107 100

144 23.6 20.8 31.2

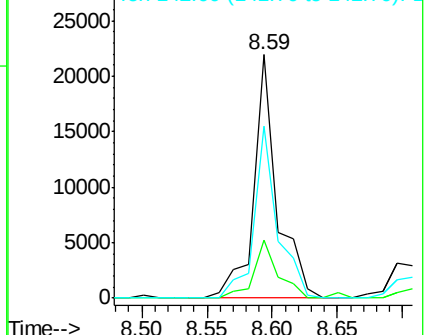
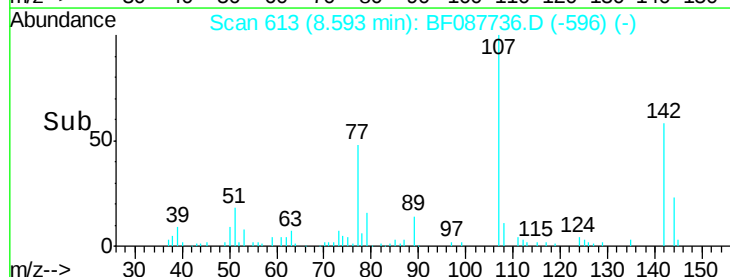
142 70.8 63.4 95.2

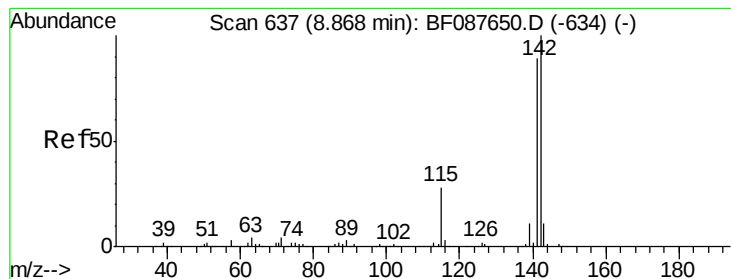


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

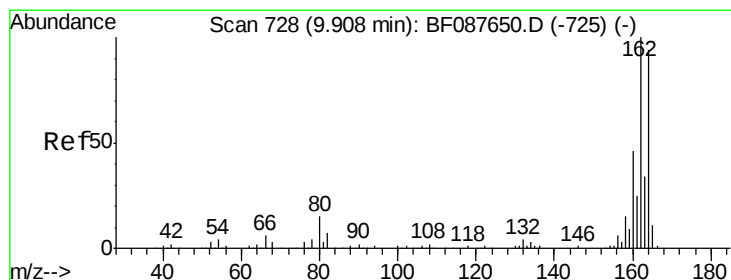
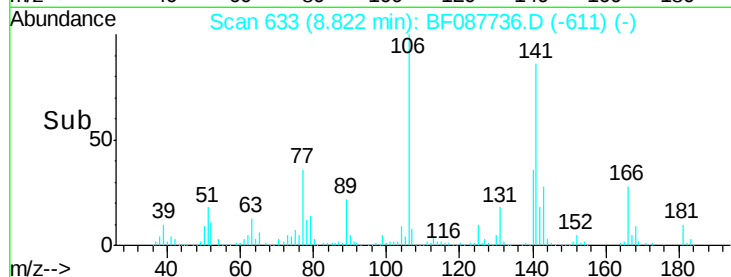
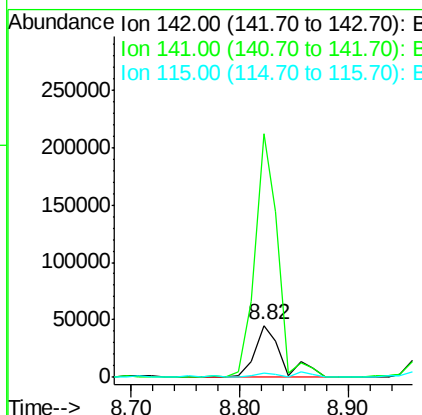
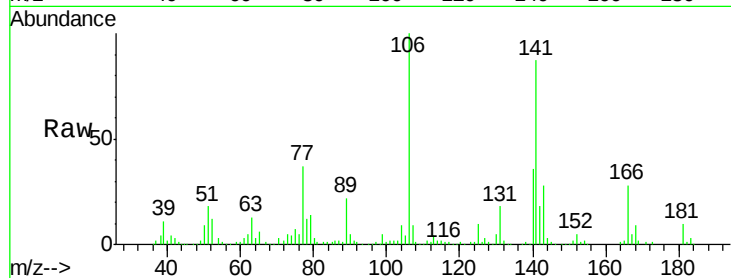




#37
 2-Methylnaphthalene
 Concen: 5.48 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

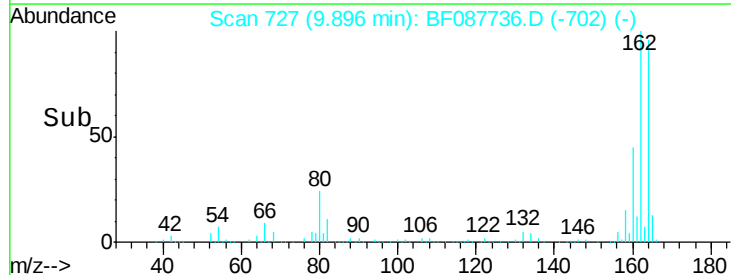
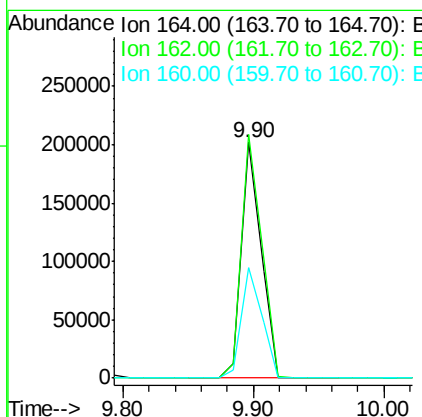
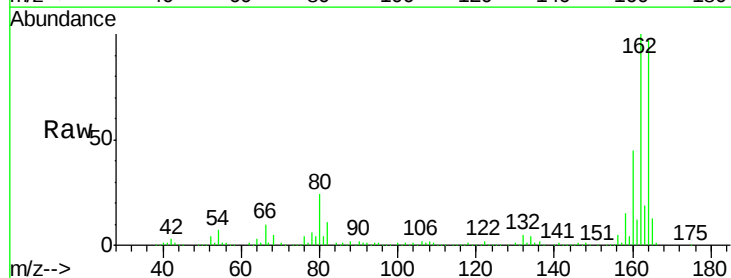
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

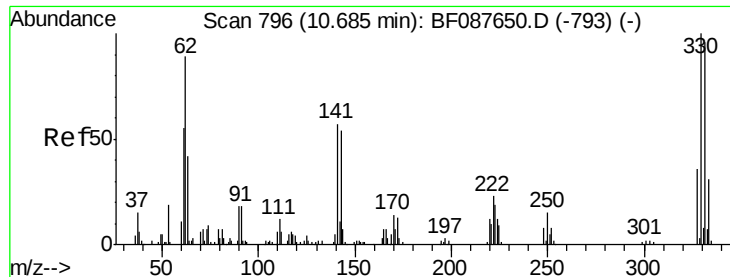
Tgt Ion:142 Resp: 80873
 Ion Ratio Lower Upper
 142 100
 141 470.1 71.0 106.6#
 115 8.7 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Tgt Ion:164 Resp: 210781
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 46.8 39.5 59.3

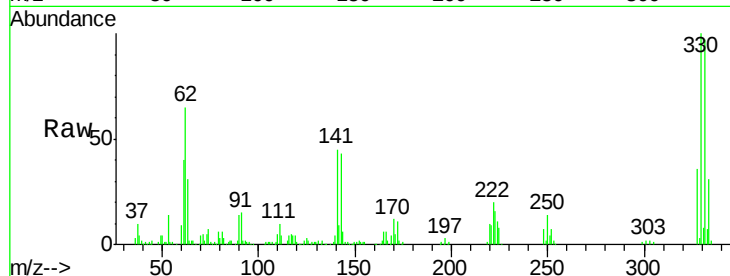




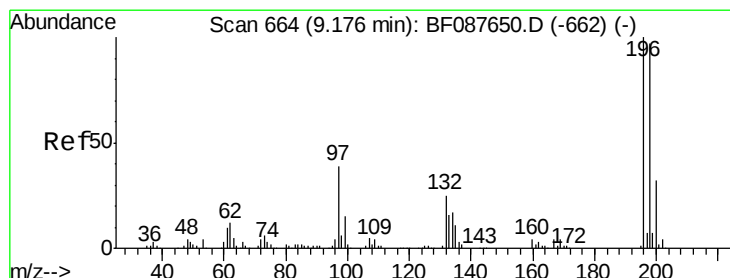
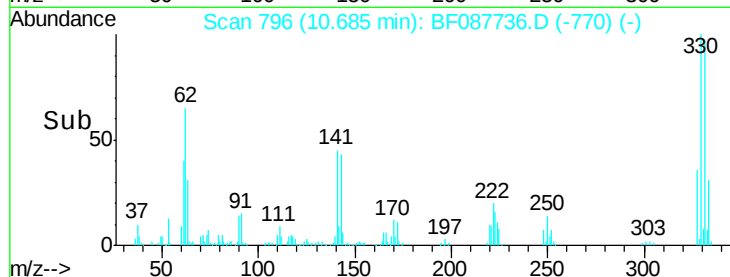
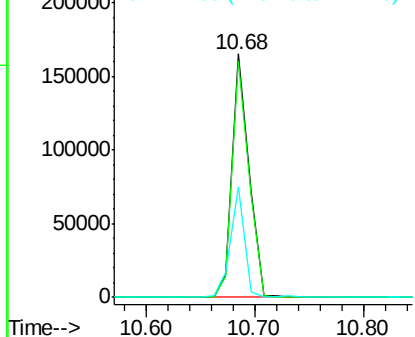
#41
 2,4,6-Tribromophenol
 Concen: 82.88 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

Tgt Ion:330 Resp: 175354
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 38.4 0.0 0.0#

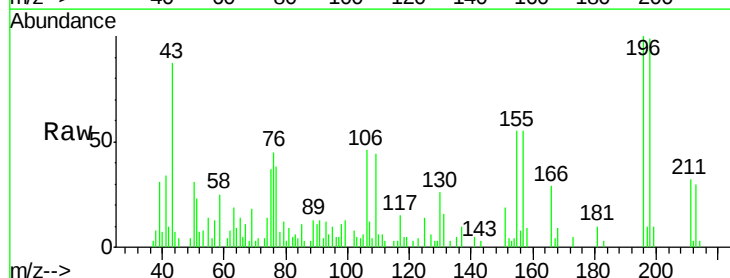


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

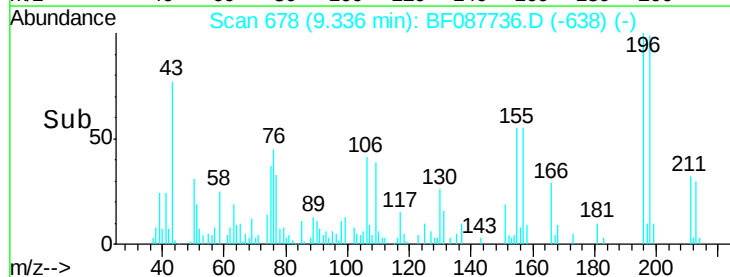
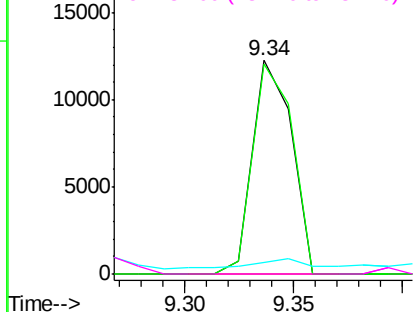


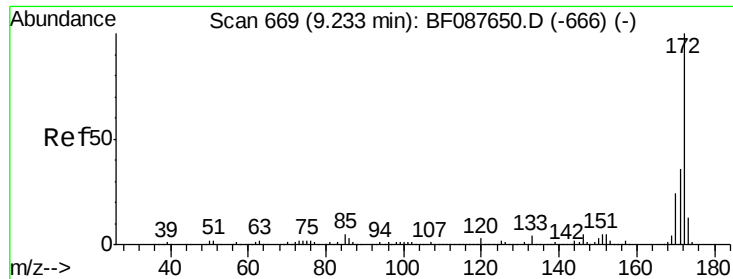
#43
 2,4,5-Trichlorophenol
 Concen: 3.77 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.16 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Tgt Ion:196 Resp: 15375
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.5 116.3
 97 5.3 32.0 48.0#
 132 0.0 20.9 31.3#



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

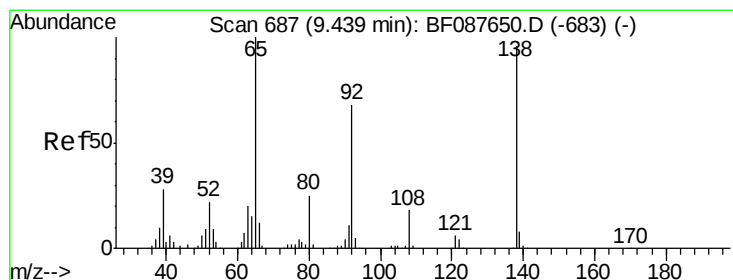
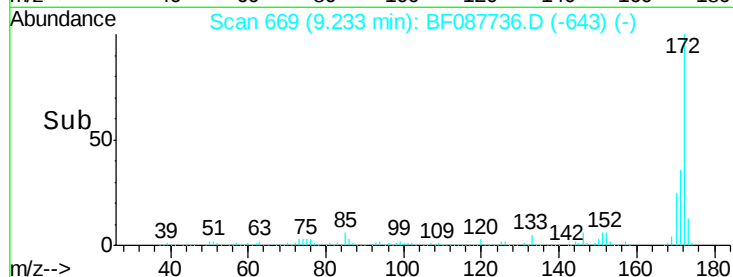
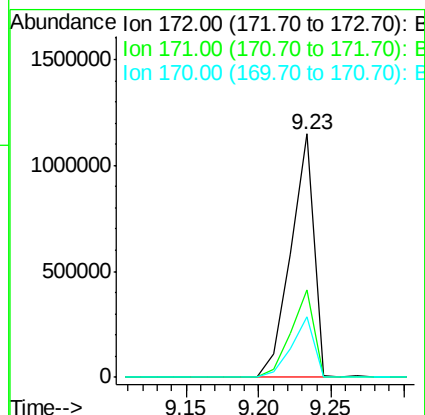
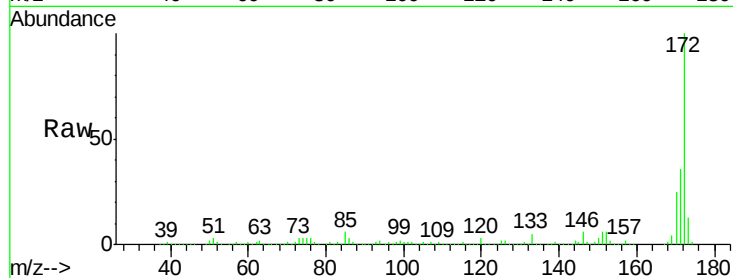




#44
 2-Fluorobiphenyl
 Concen: 97.43 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

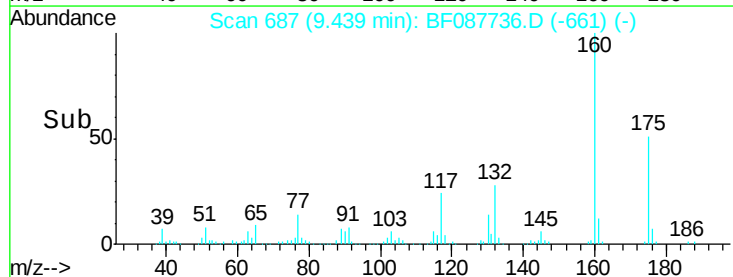
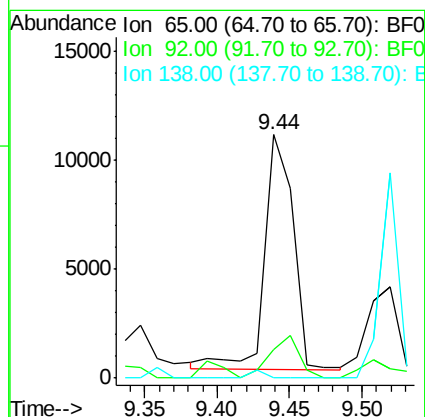
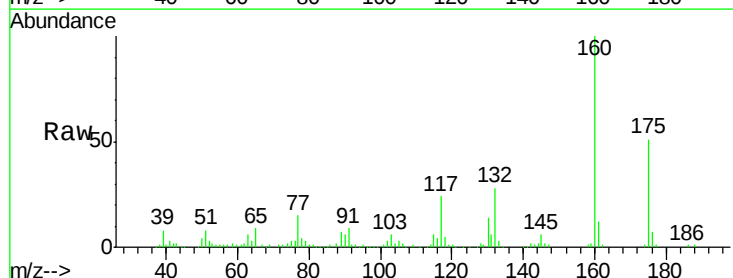
Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS-060216

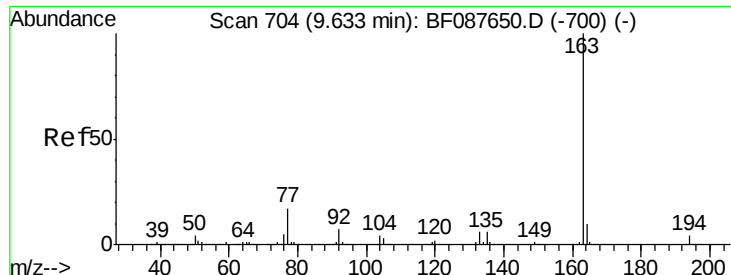
Tgt Ion: 172 Resp: 1274229
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.7 19.2 28.8



#47
 2-Nitroaniline
 Concen: 3.83 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF087736.D
 Acq: 6 Jun 2016 5:21

Tgt Ion: 65 Resp: 14685
 Ion Ratio Lower Upper
 65 100
 92 11.8 54.6 82.0#
 138 0.0 77.0 115.4#





#49

Dimethylphthalate

Concen: 6.14 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

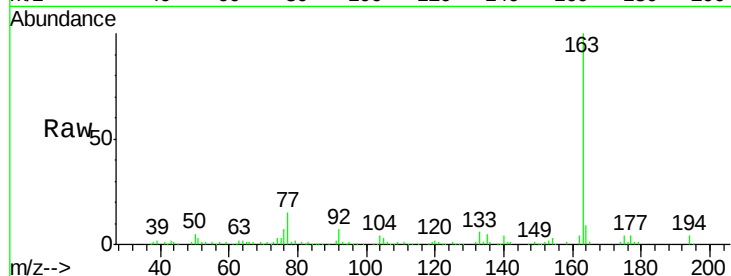
Tgt Ion:163 Resp: 94024

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

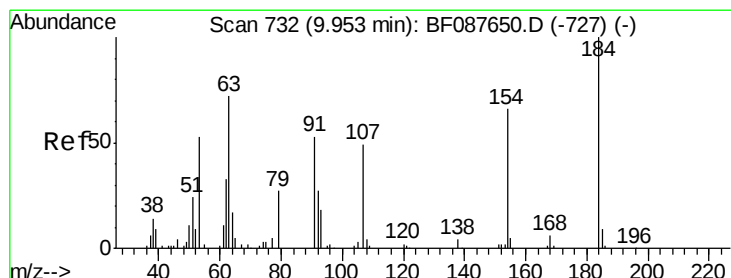
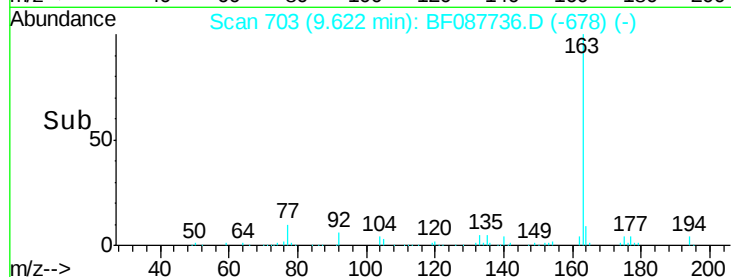
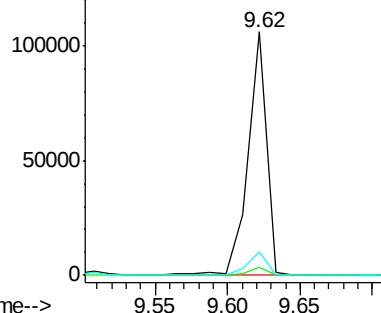
164 9.4 8.3 12.5



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



#53

2,4-Dinitrophenol

Concen: 4.23 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

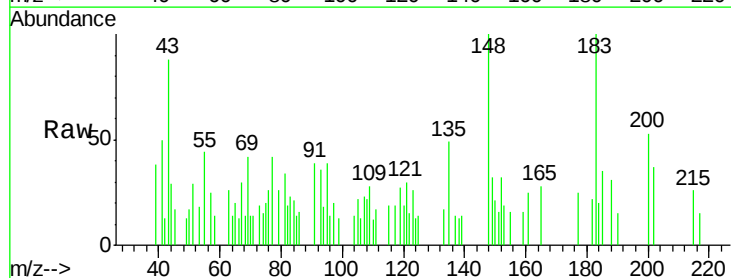
Tgt Ion:184 Resp: 586

Ion Ratio Lower Upper

184 100

63 130.7 57.6 86.4#

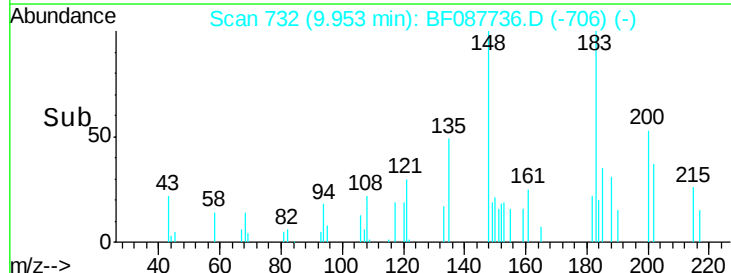
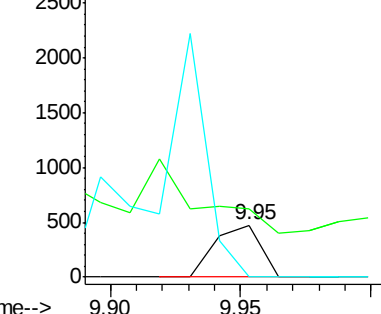
154 0.0 53.5 80.3#

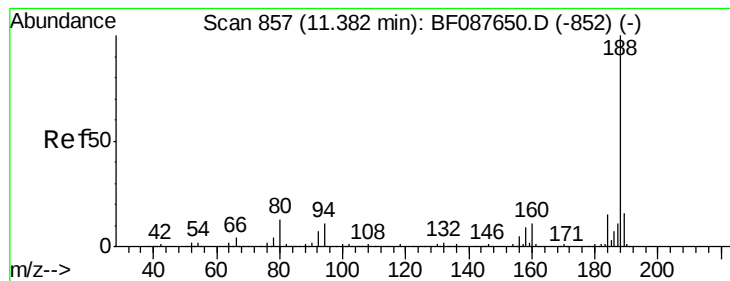


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

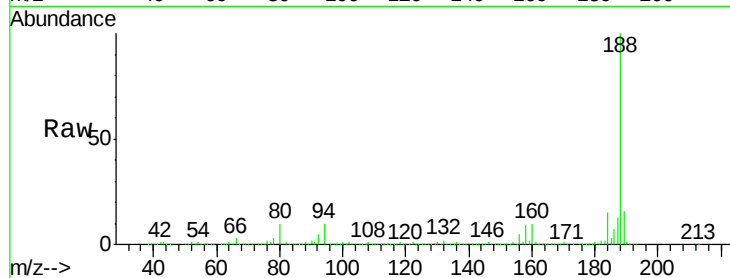
Tgt Ion:188 Resp: 374689

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.6

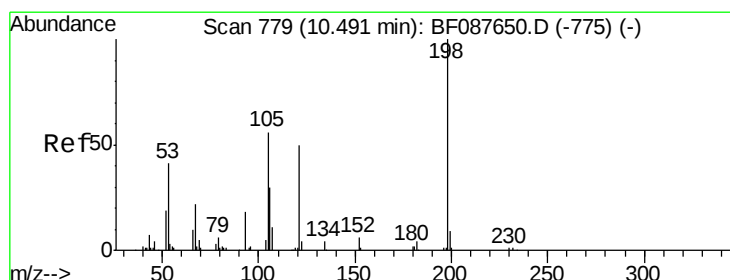
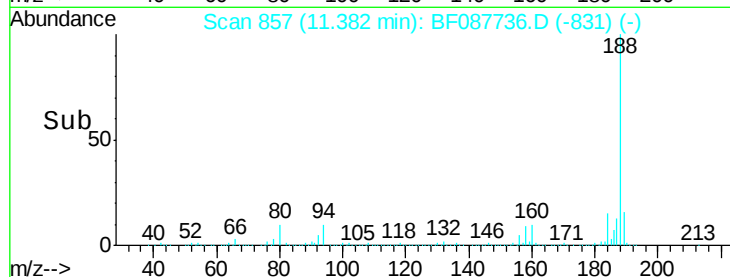
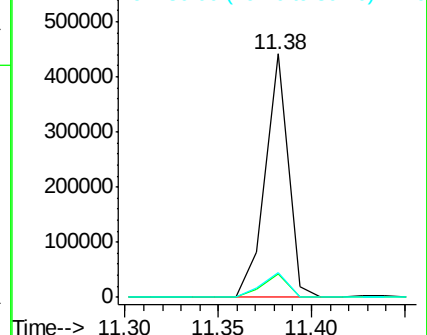
80 9.9 10.0 15.0#



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: 2.30 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.19 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

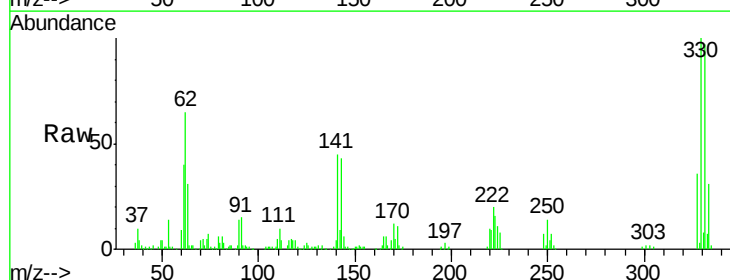
Tgt Ion:198 Resp: 618

Ion Ratio Lower Upper

198 100

51 243.0 39.6 79.6#

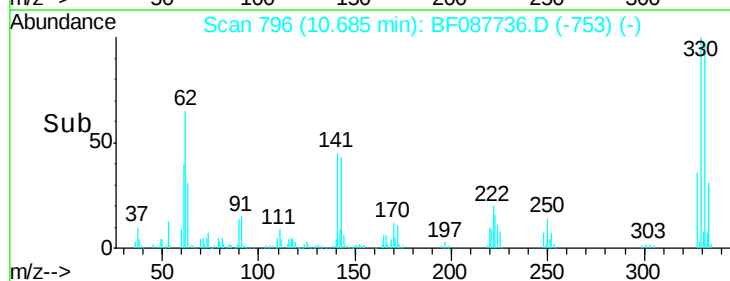
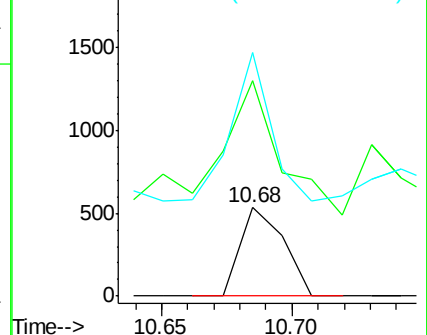
105 275.0 36.6 76.6#

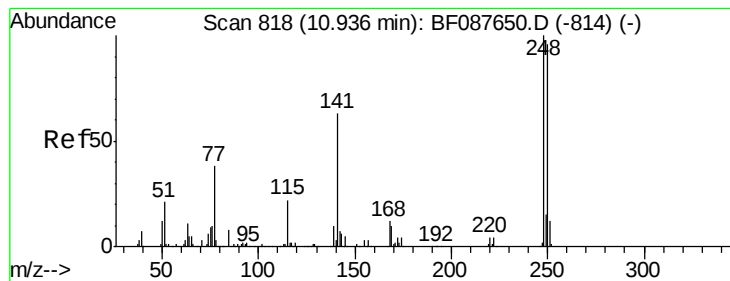


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.83 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

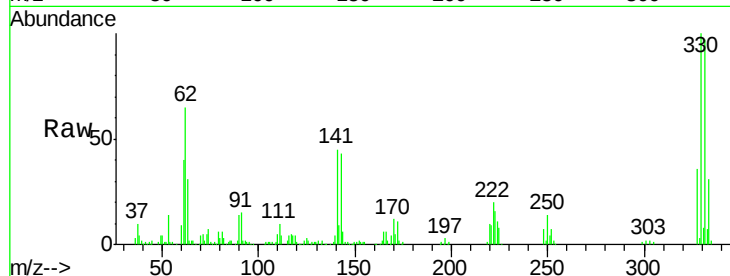
Tgt Ion:248 Resp: 10498

Ion Ratio Lower Upper

248 100

250 193.9 77.1 115.7#

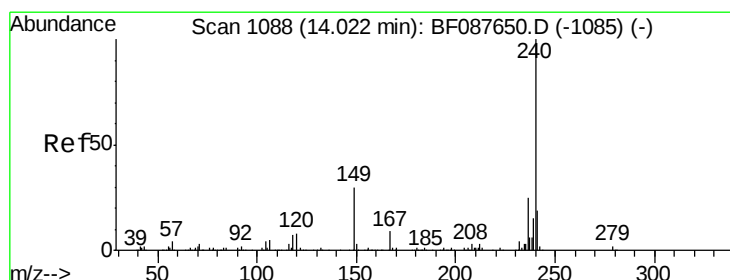
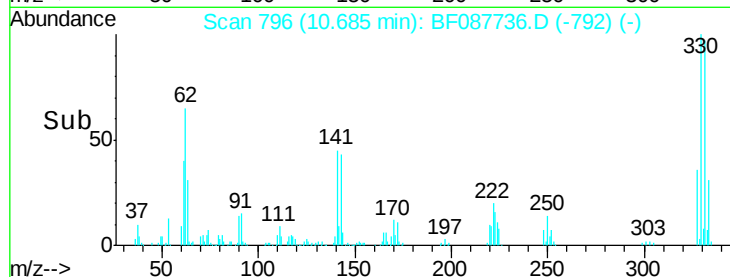
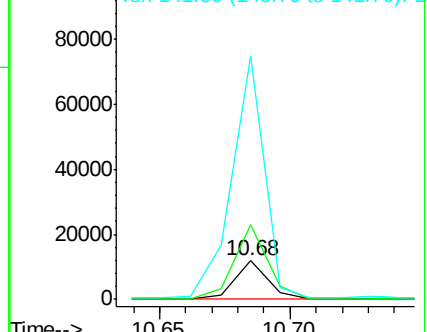
141 633.5 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

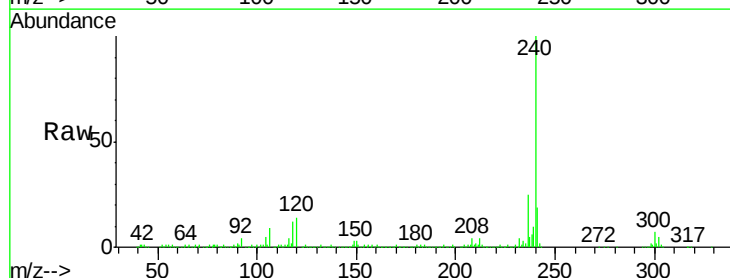
Tgt Ion:240 Resp: 237785

Ion Ratio Lower Upper

240 100

120 14.1 6.8 10.2#

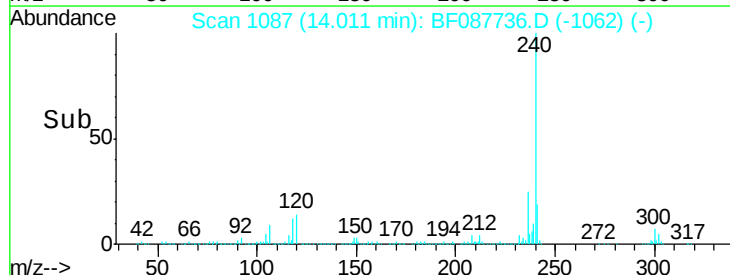
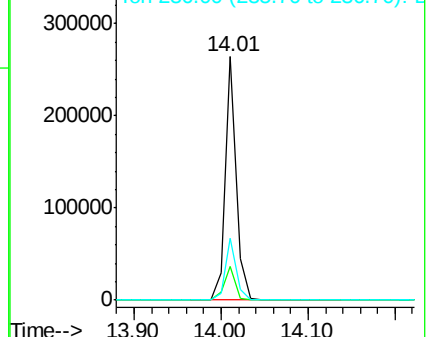
236 25.4 20.2 30.2

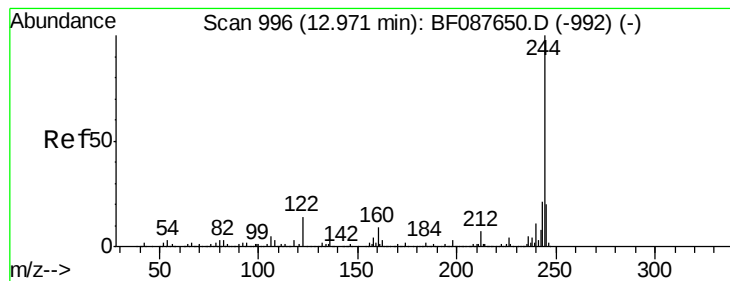


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.16 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

Instrument :

BNA_F

ClientSampleId :

SYSDIS-060216

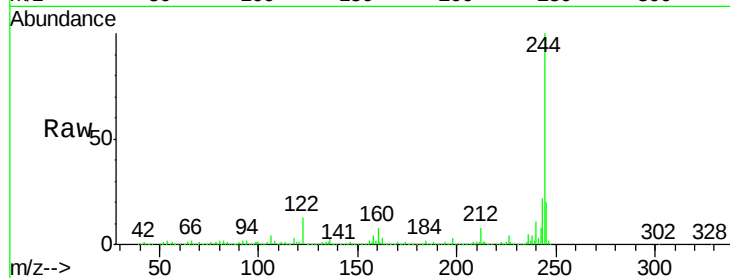
Tgt Ion:244 Resp: 820103

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

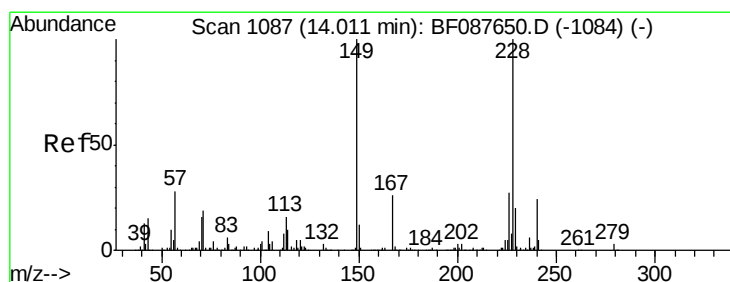
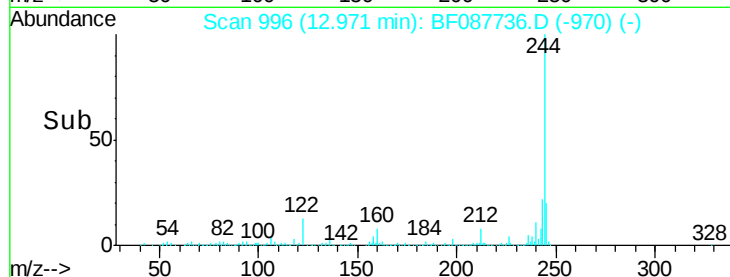
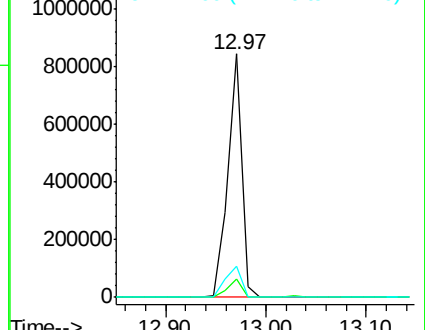
122 13.0 11.2 16.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.99 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087736.D

Acq: 6 Jun 2016 5:21

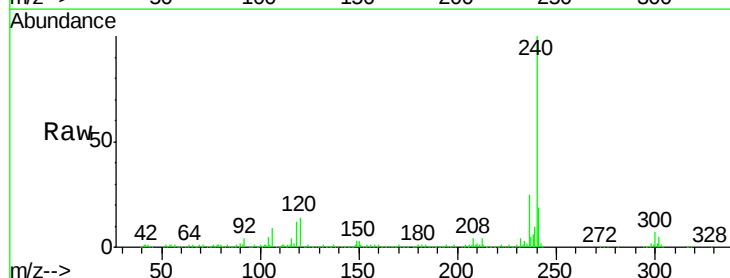
Tgt Ion:149 Resp: 59909

Ion Ratio Lower Upper

149 100

167 12.1 20.5 30.7#

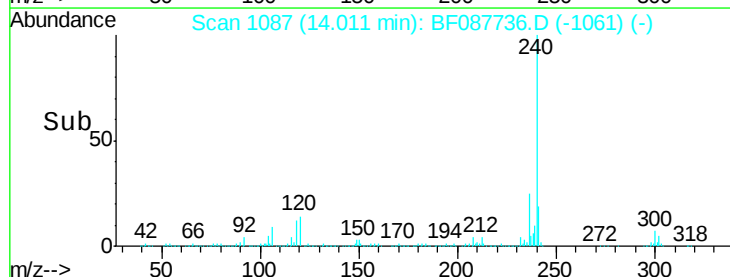
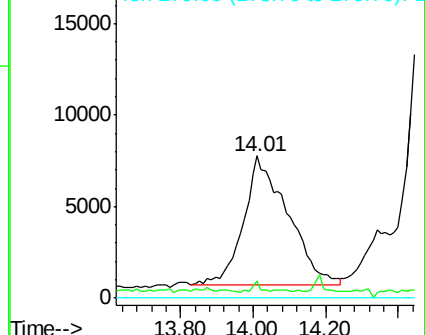
279 0.0 2.0 3.0#

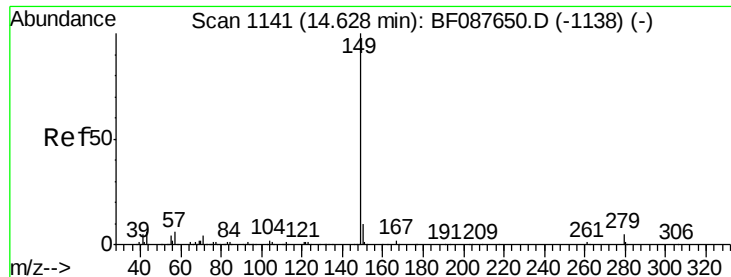


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

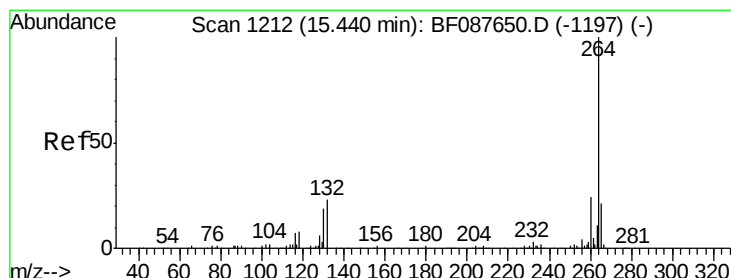
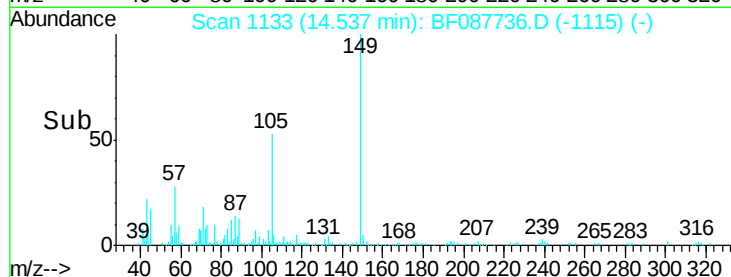
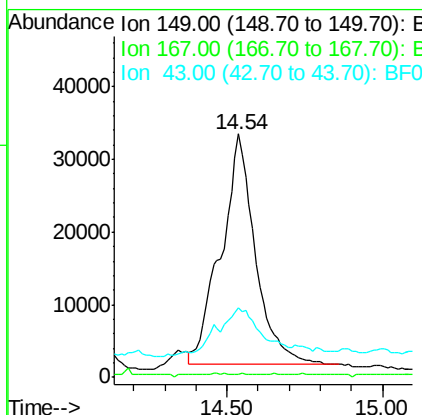
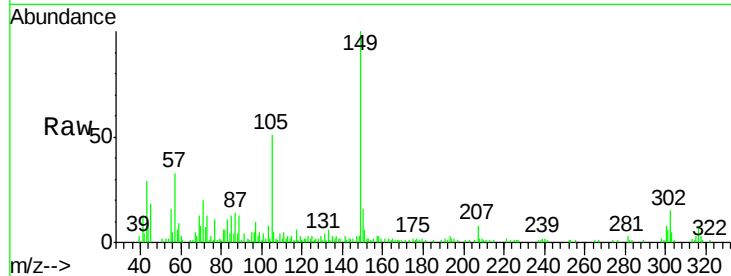




#84
Di-n-octyl phthalate
Concen: 15.39 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.09 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Instrument :
BNA_F
ClientSampleId :
SYSDIS-060216

Tgt Ion:149 Resp: 245306
Ion Ratio Lower Upper
149 100
167 0.0 0.0 0.0
43 15.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087736.D
Acq: 6 Jun 2016 5:21

Tgt Ion:264 Resp: 217422
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.1 16.9 25.3

