

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078487.D
 Acq On : 14 Apr 2015 6:05
 Operator : TP/IZ
 Sample : G1787-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01A

Quant Time: Apr 14 05:41:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 04:24:31 2015
 Response via : Initial Calibration

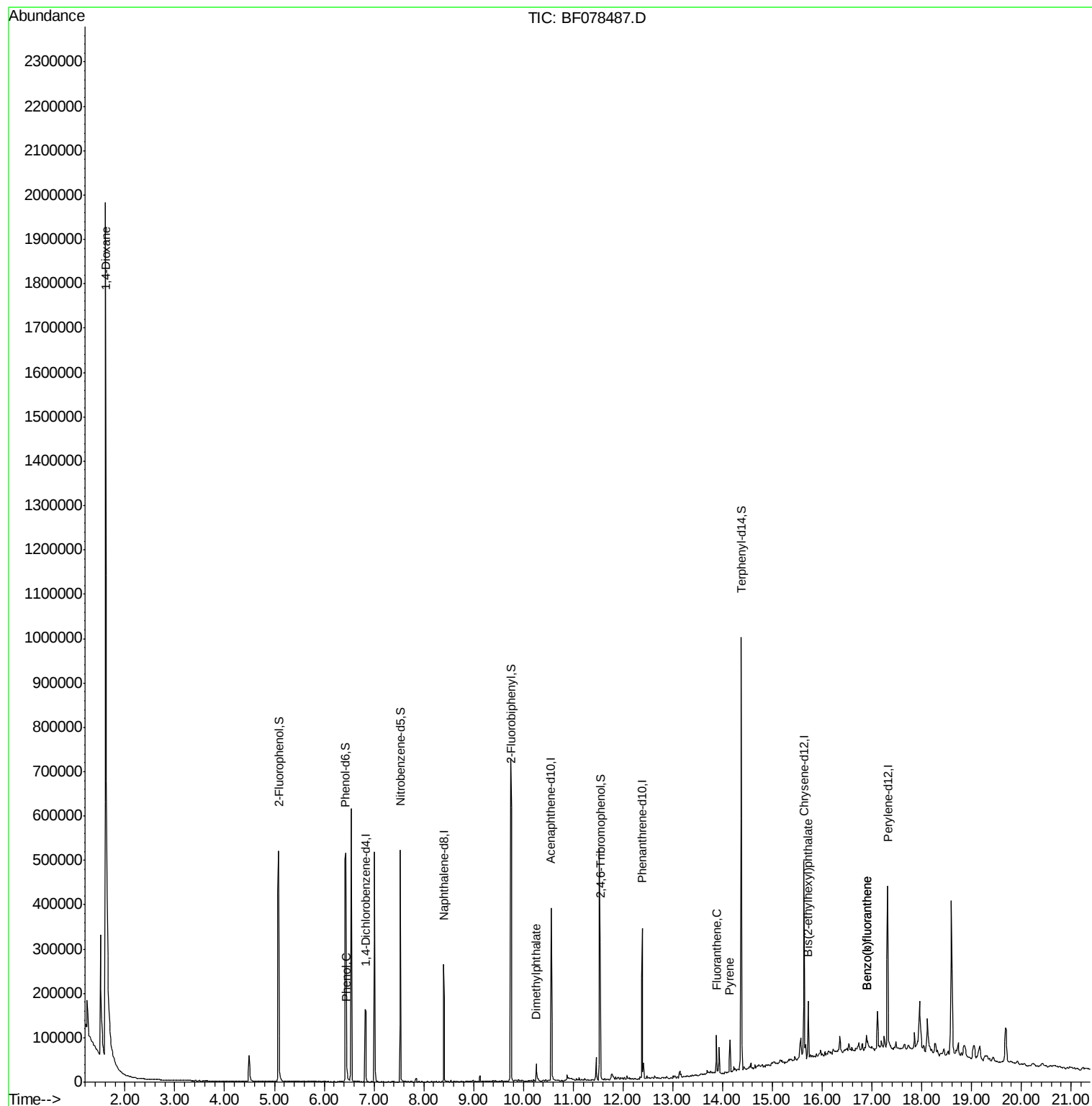
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	40772	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	164272	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	84371	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	164857	20.00	ng	0.00
75) Chrysene-d12	15.63	240	171212	20.00	ng	-0.01
86) Perylene-d12	17.31	264	166694	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	231242	93.51	ng	0.01
7) Phenol-d6	6.43	99	297943	96.14	ng	0.00
23) Nitrobenzene-d5	7.53	82	169667	62.60	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	74618	106.64	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	339422	57.51	ng	0.00
78) Terphenyl-d14	14.38	244	393012	51.87	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.61	88	84074	75.19	ng	Qvalue # 23
10) Phenol	6.44	94	7854	2.12	ng	77
49) Dimethylphthalate	10.26	163	20182	3.18	ng	98
74) Fluoranthene	13.87	202	35822	3.56	ng	93
77) Pyrene	14.15	202	29565	2.75	ng	96
83) Bis(2-ethylhexyl)phthalate	15.71	149	50783	7.90	ng	# 94
87) Benzo(b)fluoranthene	16.89	252	25722	2.50	ng	# 84
88) Benzo(k)fluoranthene	16.89	252	25722	2.81	ng	# 90

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Instrument :

BNA_F

ClientSampleId :

LS-SD01A

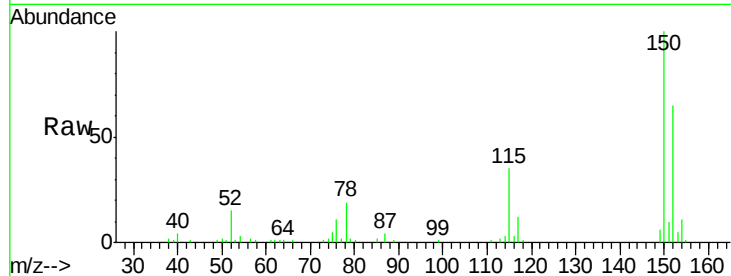
Tgt Ion:152 Resp: 40772

Ion Ratio Lower Upper

152 100

150 154.0 125.9 188.9

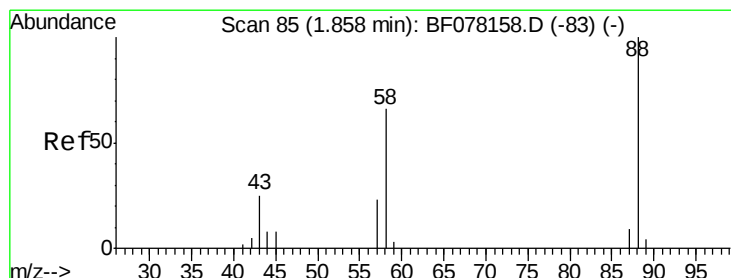
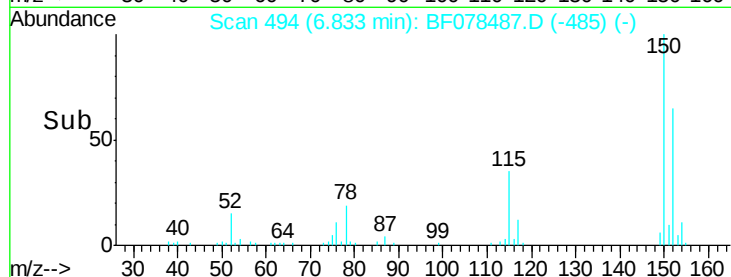
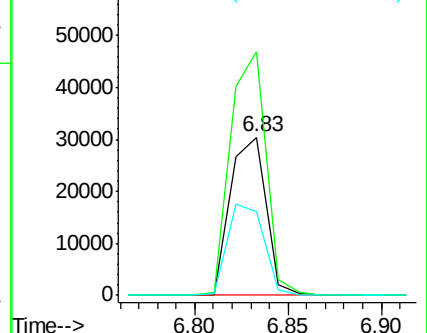
115 53.2 52.7 79.1



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: 75.19 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

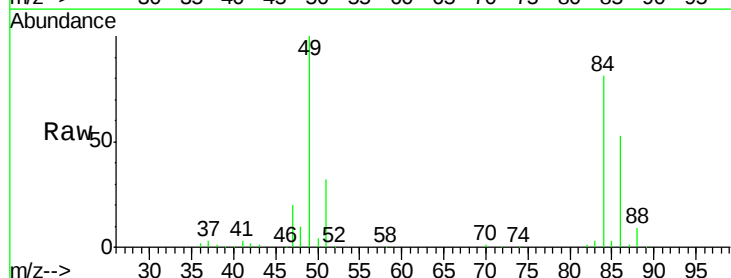
Tgt Ion: 88 Resp: 84074

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

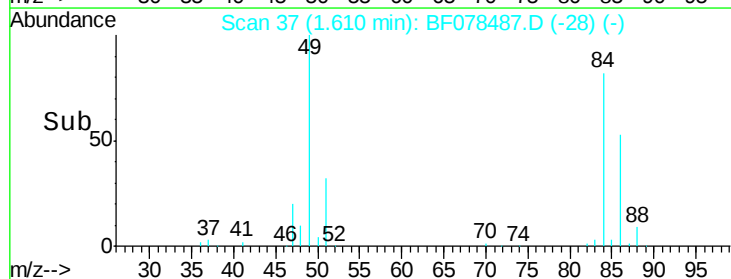
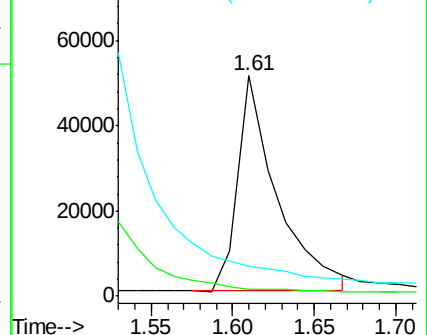
43 0.0 21.4 32.2#

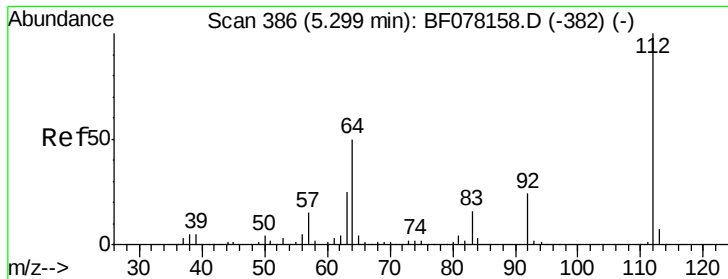


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 93.51 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.01 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

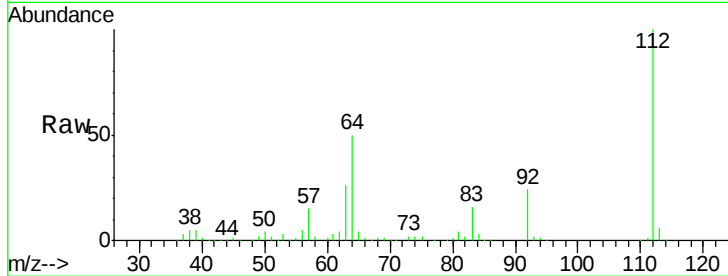
Instrument :

BNA_F

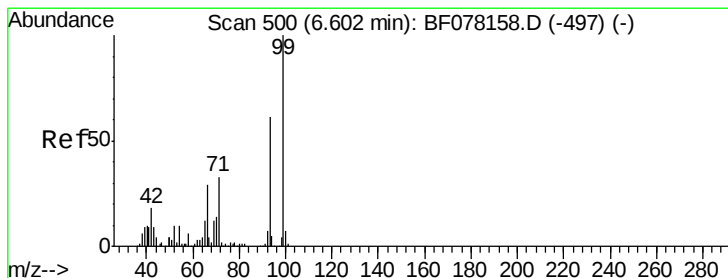
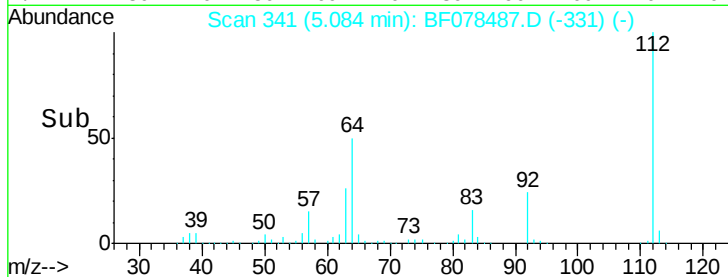
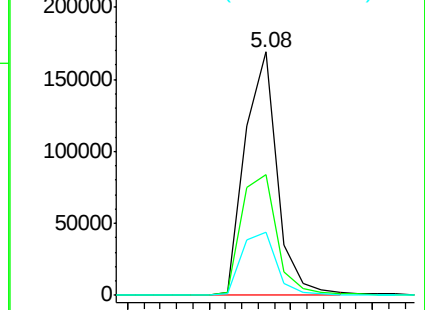
ClientSampleId :

LS-SD01A

Tgt Ion:	112	Resp:	231242
Ion	Ratio	Lower	Upper
112	100		
64	49.8	39.9	59.9
63	25.7	20.2	30.4



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 96.14 ng

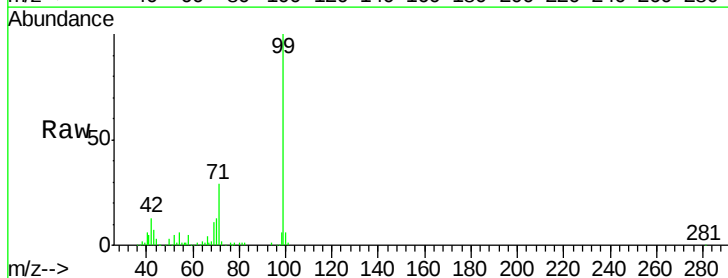
RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

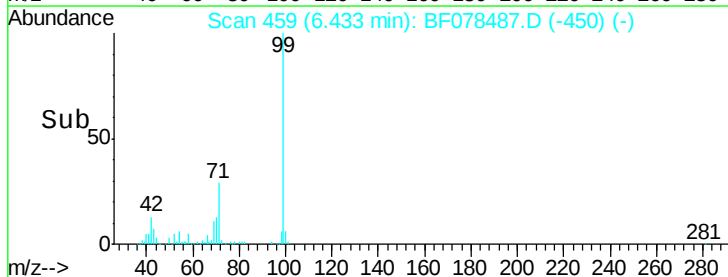
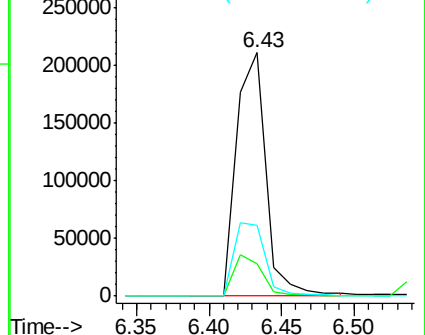
Lab File: BF078487.D

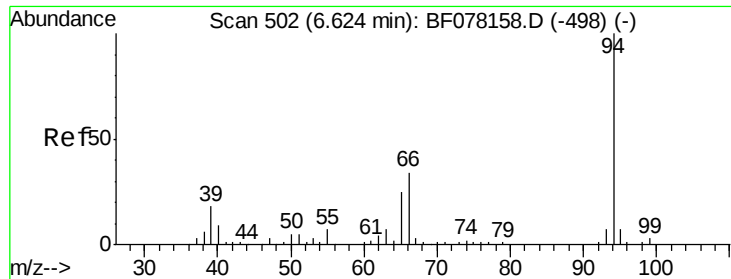
Acq: 14 Apr 2015 6:05

Tgt Ion:	99	Resp:	297943
Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.8	22.2#
71	28.9	26.6	39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0





#10

Phenol

Concen: 2.12 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Instrument :

BNA_F

ClientSampleId :

LS-SD01A

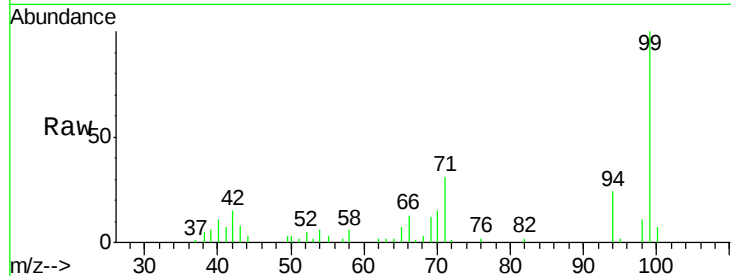
Tgt Ion: 94 Resp: 7854

Ion Ratio Lower Upper

94 100

65 30.2 4.9 44.9

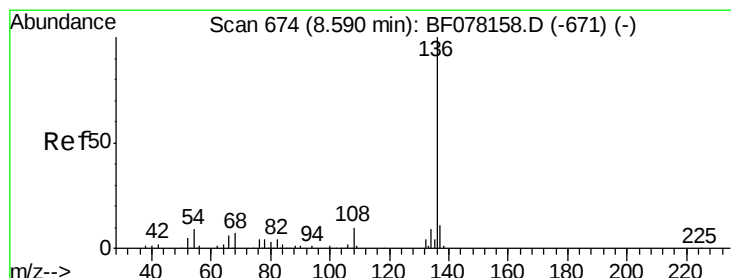
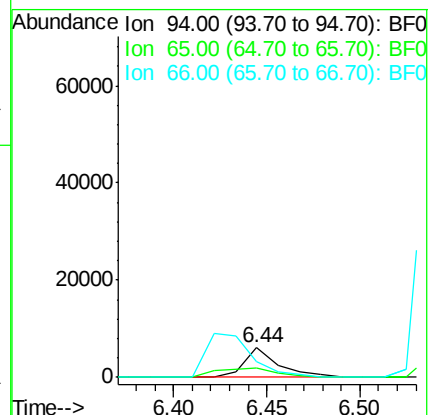
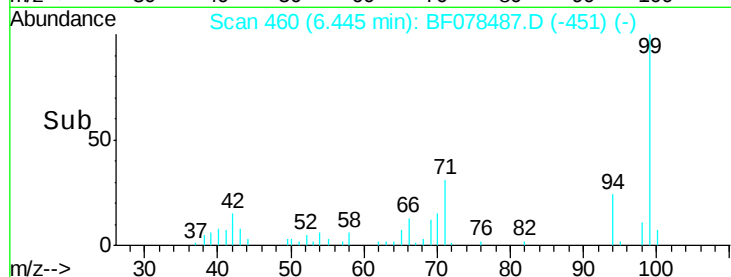
66 52.2 13.8 53.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Tgt Ion: 136 Resp: 164272

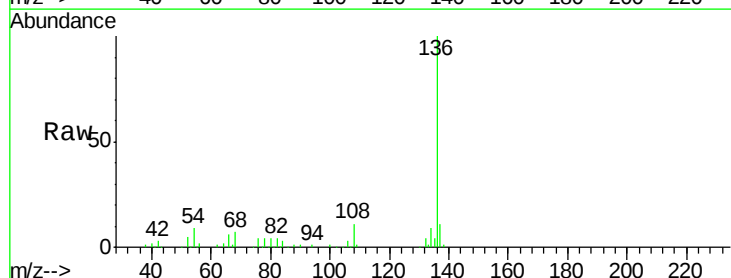
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 9.3 7.0 10.6

68 6.8 5.4 8.2

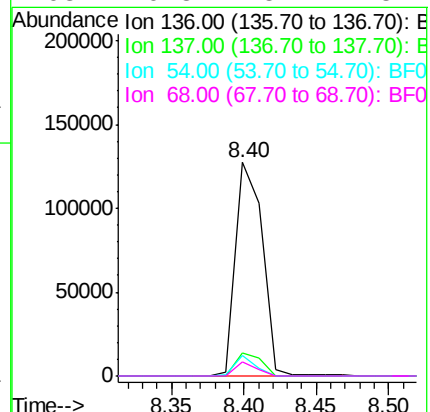
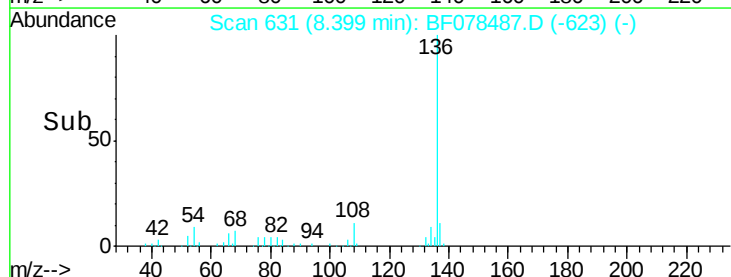


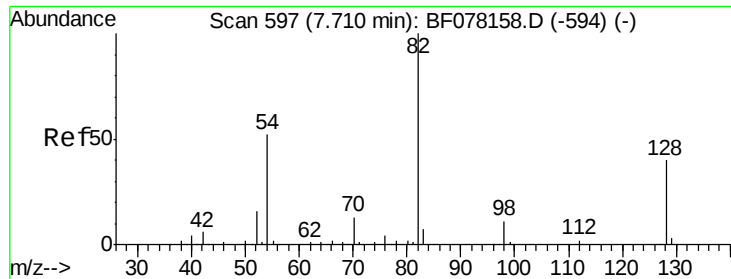
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

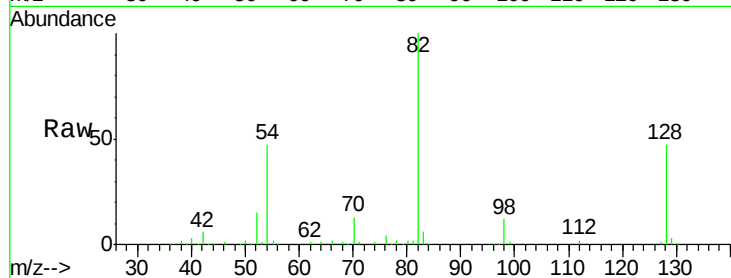




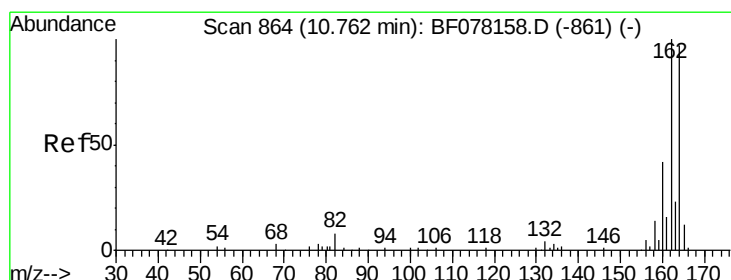
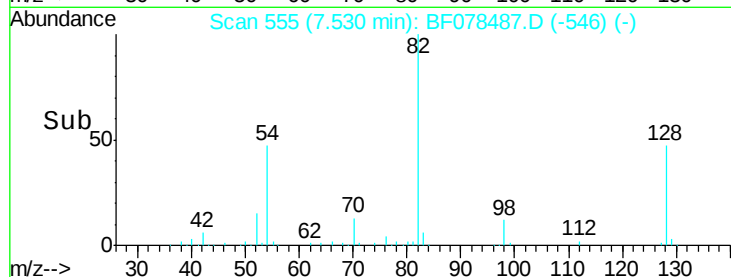
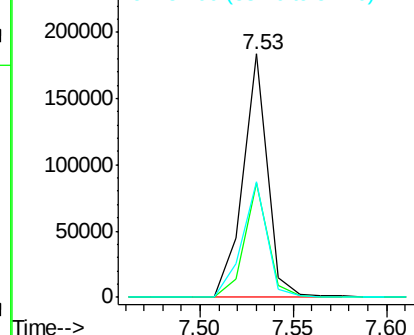
#23
 Nitrobenzene-d5
 Concen: 62.60 ng
 RT: 7.53 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

Instrument :
 BNA_F
 ClientSampled :
 LS-SD01A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	31.8	47.8
54	47.4	41.5	62.3

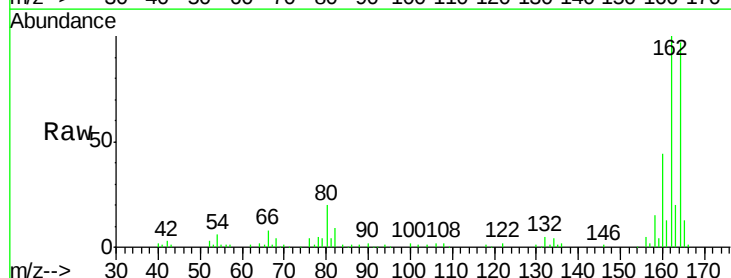


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

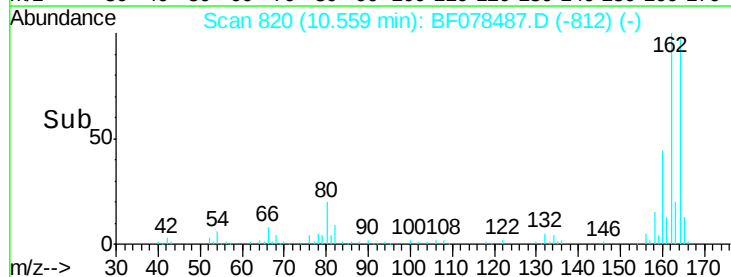
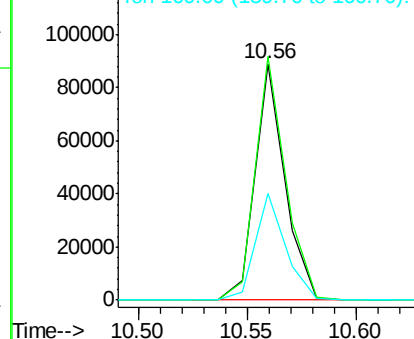


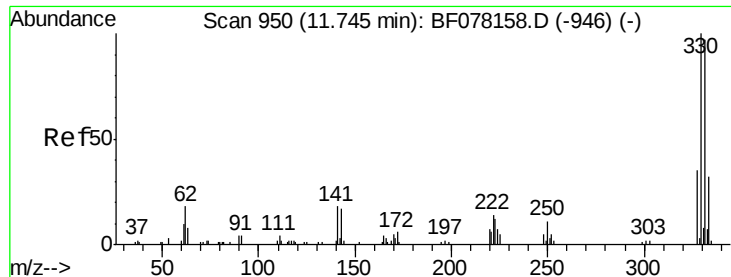
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.2
160	44.8	34.7	52.1



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

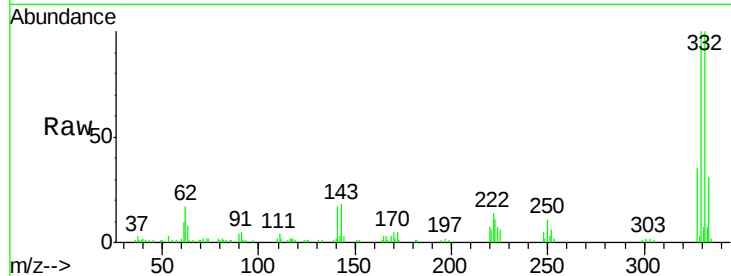




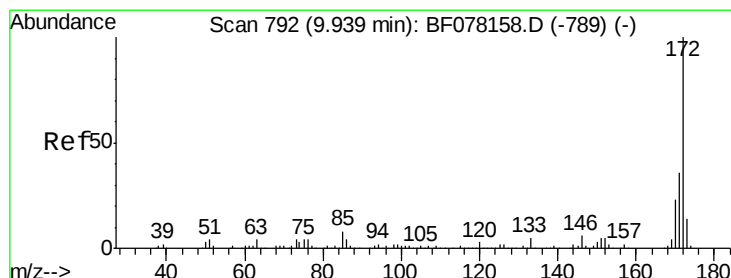
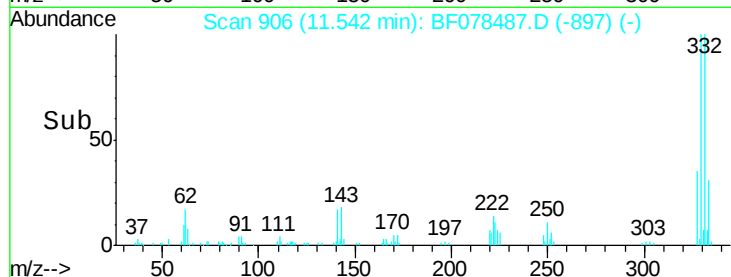
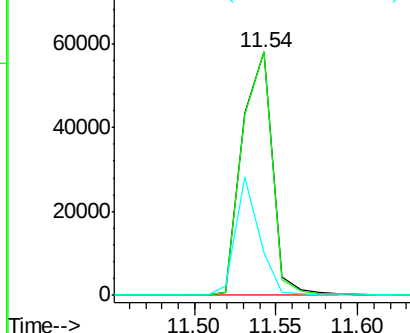
#41
 2,4,6-Tribromophenol
 Concen: 106.64 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	38.3	31.2	46.8

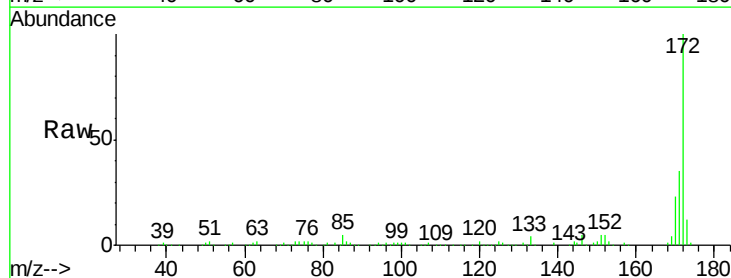


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

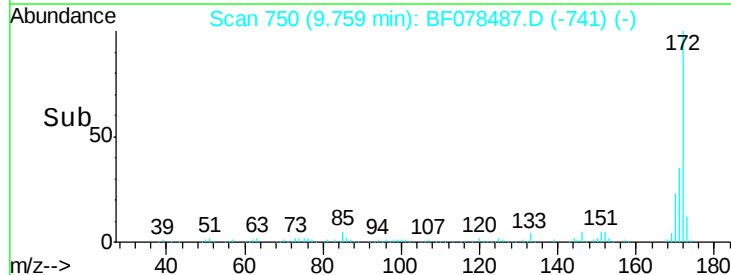
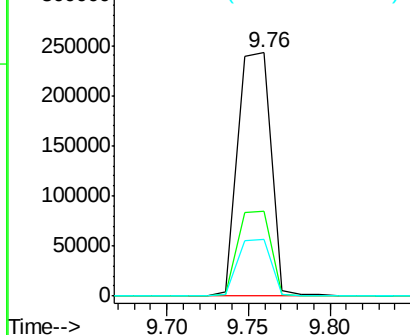


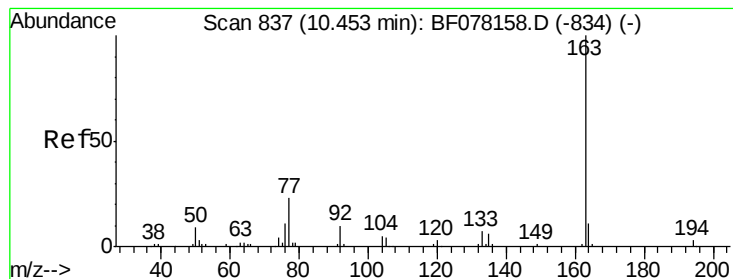
#44
 2-Fluorobiphenyl
 Concen: 57.51 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	18.5	27.7



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





#49

Dimethylphthalate

Concen: 3.18 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Instrument :

BNA_F

ClientSampleId :

LS-SD01A

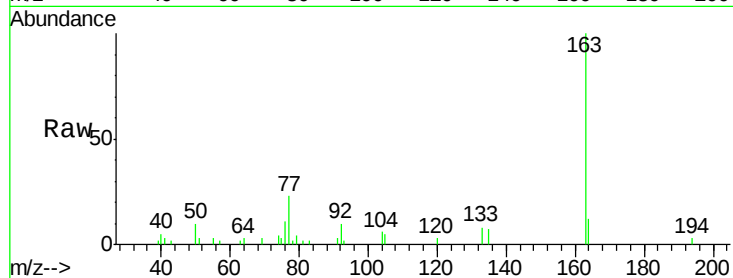
Tgt Ion:163 Resp: 20182

Ion Ratio Lower Upper

163 100

194 3.0 2.3 3.5

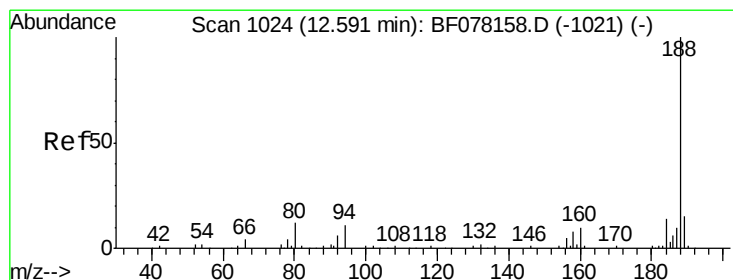
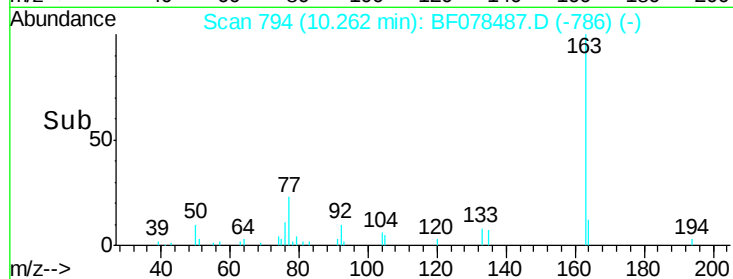
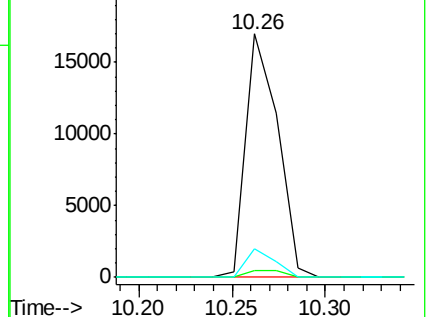
164 11.7 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

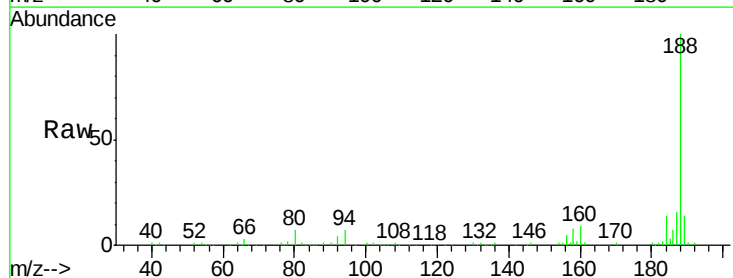
Tgt Ion:188 Resp: 164857

Ion Ratio Lower Upper

188 100

94 7.0 9.0 13.4#

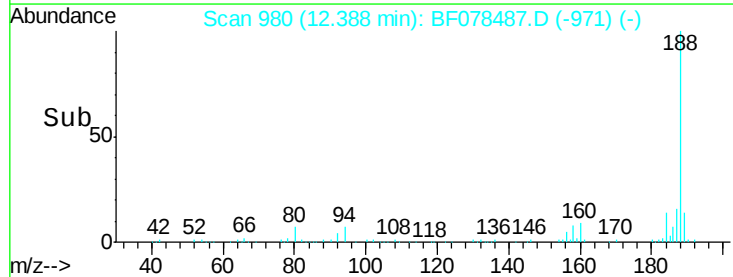
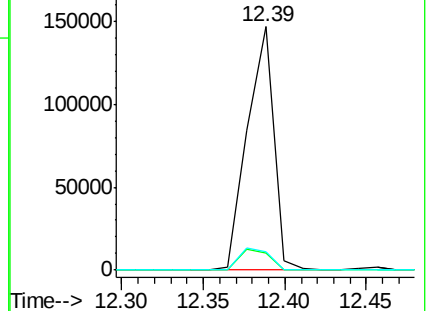
80 7.4 9.5 14.3#

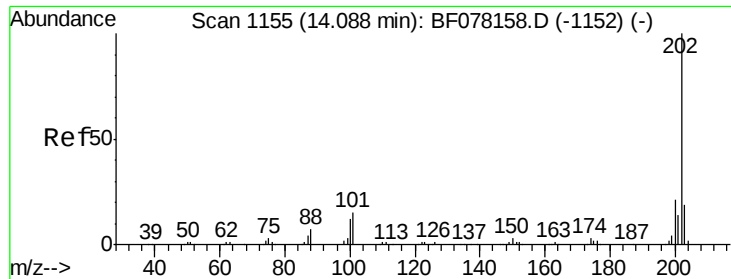


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

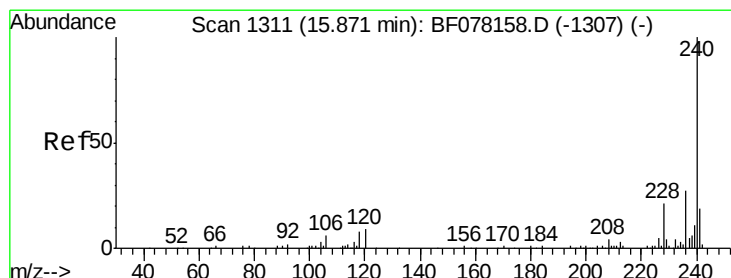
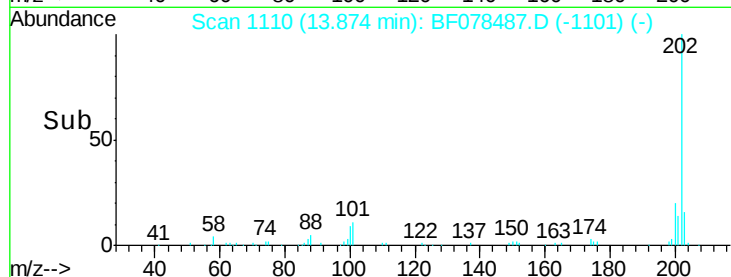
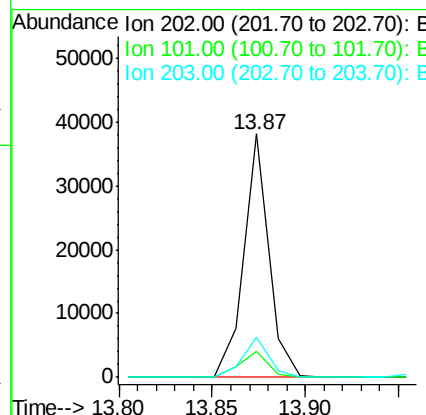
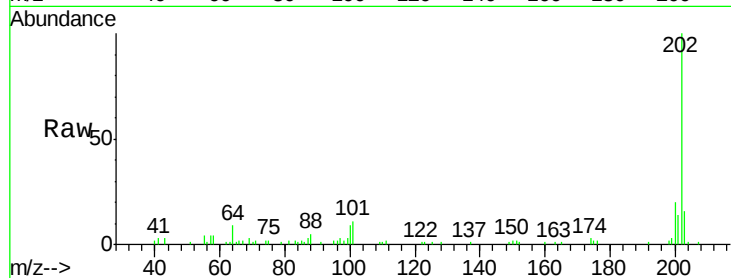




#74
 Fluoranthene
 Concen: 3.56 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

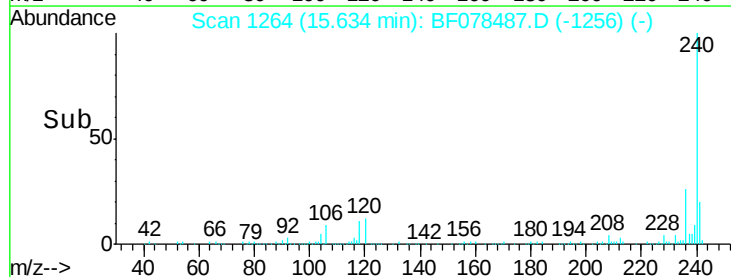
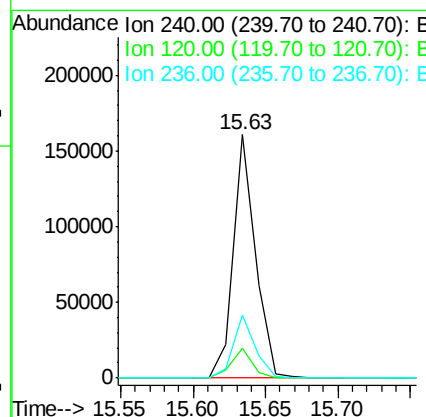
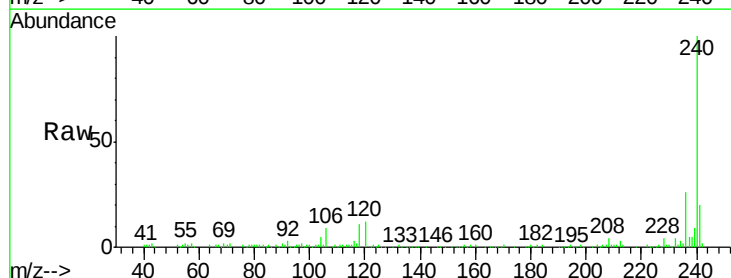
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD01A

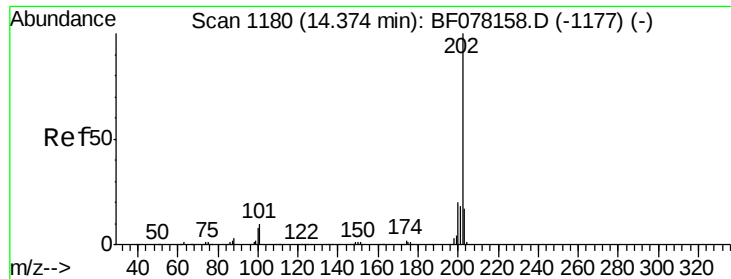
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	35.2
203	16.3	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF078487.D
 Acq: 14 Apr 2015 6:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	7.1	10.7#
236	25.9	21.4	32.2

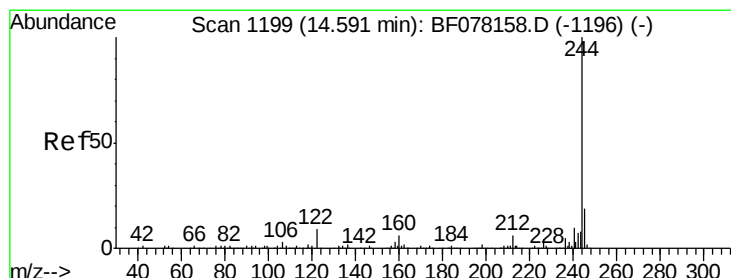
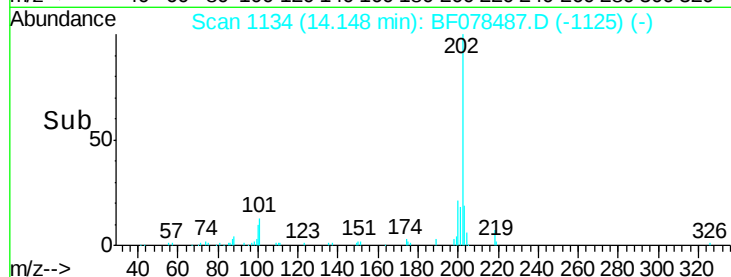
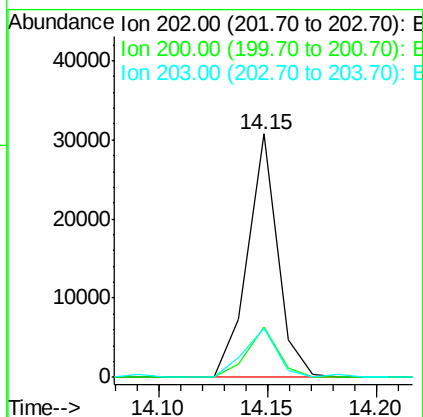
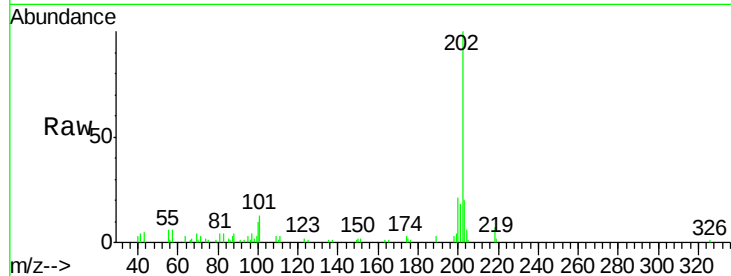




#77
Pyrene
Concen: 2.75 ng
RT: 14.15 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF078487.D
Acq: 14 Apr 2015 6:05

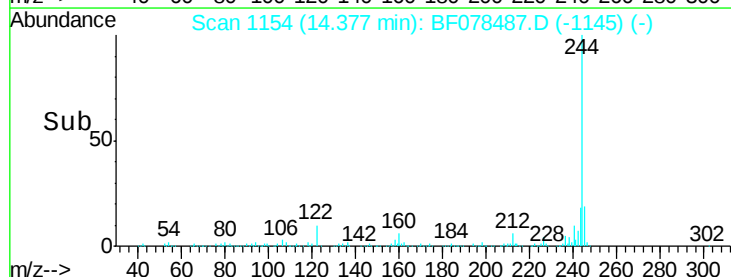
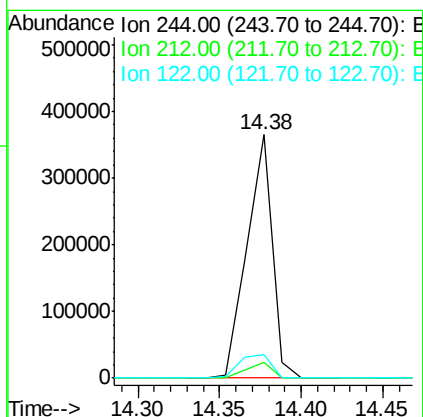
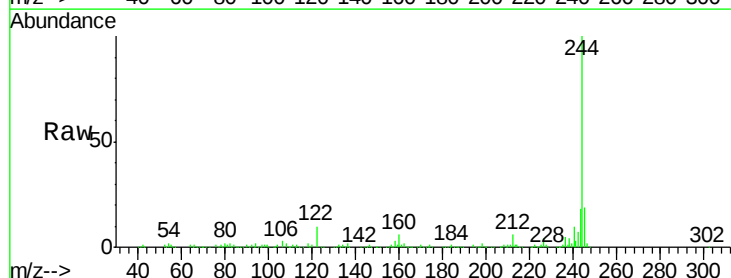
Instrument :
BNA_F
ClientSampleId :
LS-SD01A

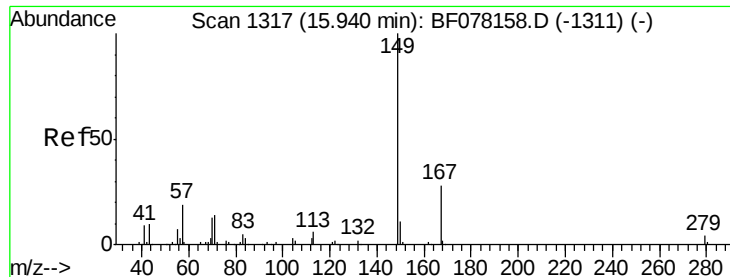
Tgt Ion:	202	Resp:	29565
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.3	24.5
203	20.4	13.8	20.6



#78
Terphenyl-d14
Concen: 51.87 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF078487.D
Acq: 14 Apr 2015 6:05

Tgt Ion:	244	Resp:	393012
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.0	7.4
122	9.6	7.1	10.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.90 ng

RT: 15.71 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Instrument :

BNA_F

ClientSampleId :

LS-SD01A

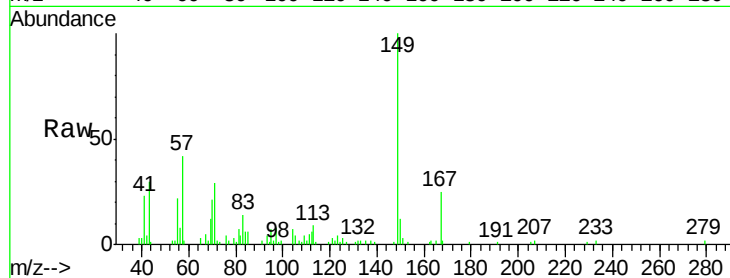
Tgt Ion:149 Resp: 50783

Ion Ratio Lower Upper

149 100

167 24.9 22.2 33.2

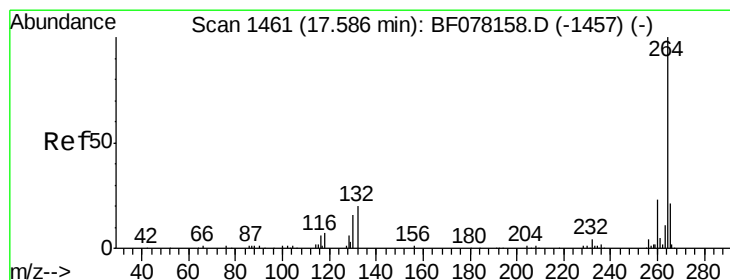
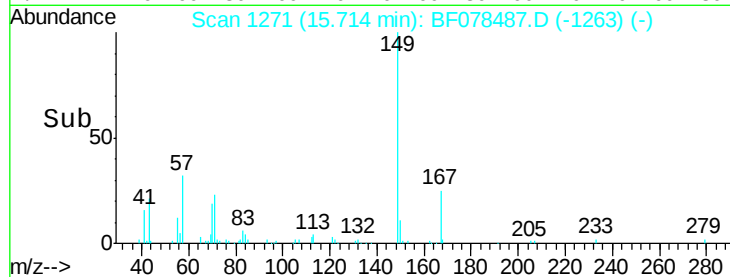
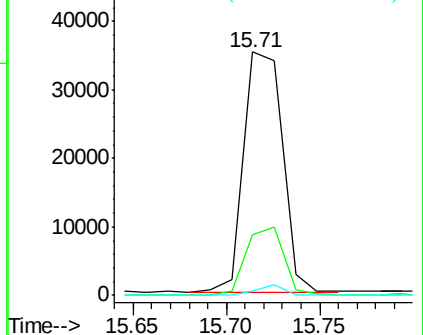
279 1.8 3.2 4.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.31 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

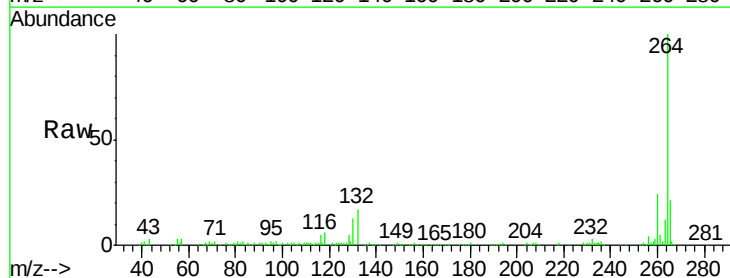
Tgt Ion:264 Resp: 166694

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

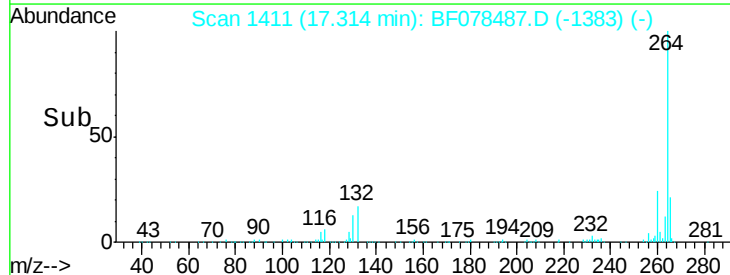
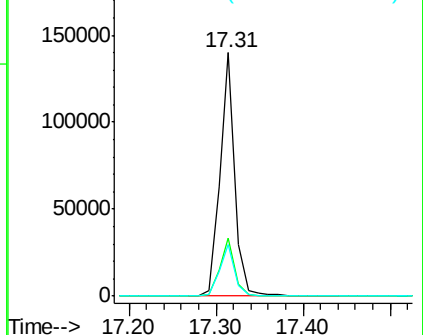
265 21.1 17.0 25.6

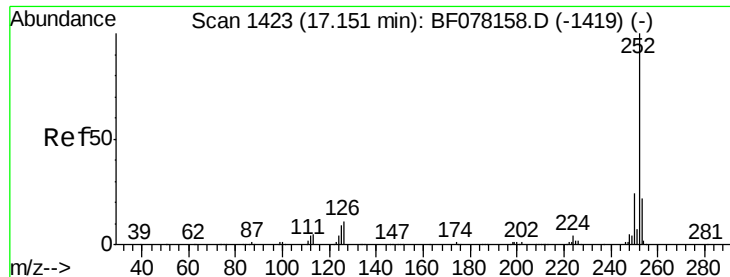


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.50 ng

RT: 16.89 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

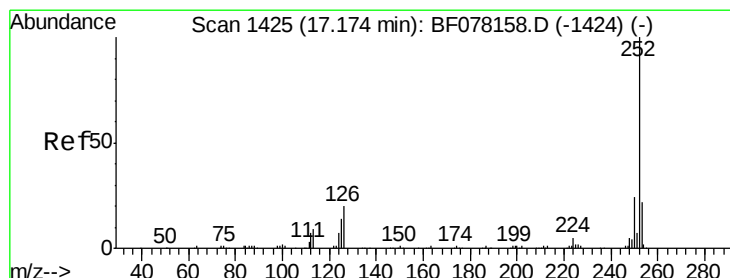
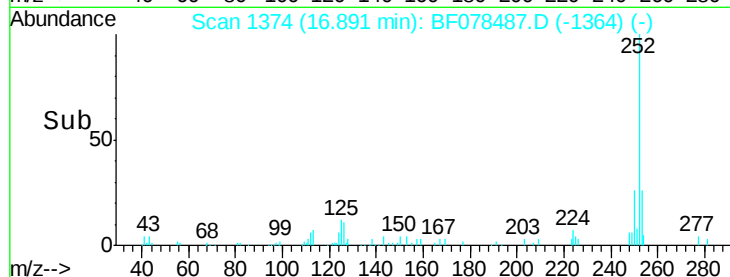
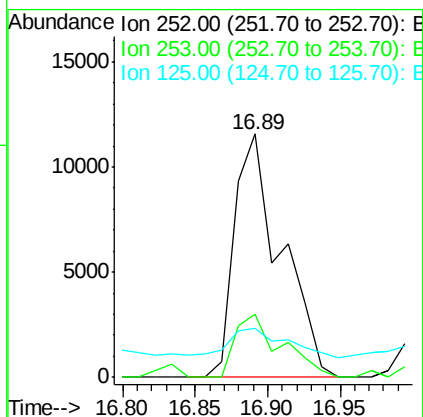
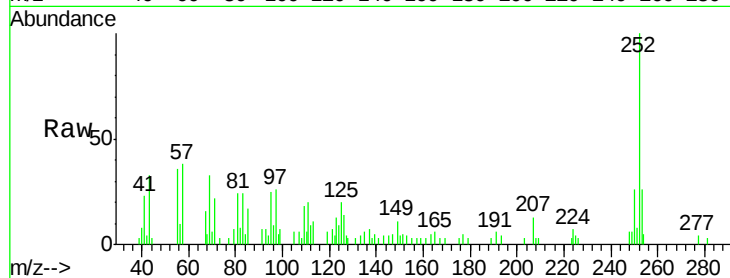
Instrument :

BNA_F

ClientSampleId :

LS-SD01A

Tgt Ion:	252	Resp:	25722
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.2	25.8
125	20.2	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 2.81 ng

RT: 16.89 min Scan# 1374

Delta R.T. -0.02 min

Lab File: BF078487.D

Acq: 14 Apr 2015 6:05

Tgt Ion:	252	Resp:	25722
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.5	26.3
125	20.2	11.6	17.4#

