

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087814.D
 Acq On : 8 Jun 2016 17:21
 Operator : UM/SJ
 Sample : H3378-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-23

Quant Time: Jun 09 01:59:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

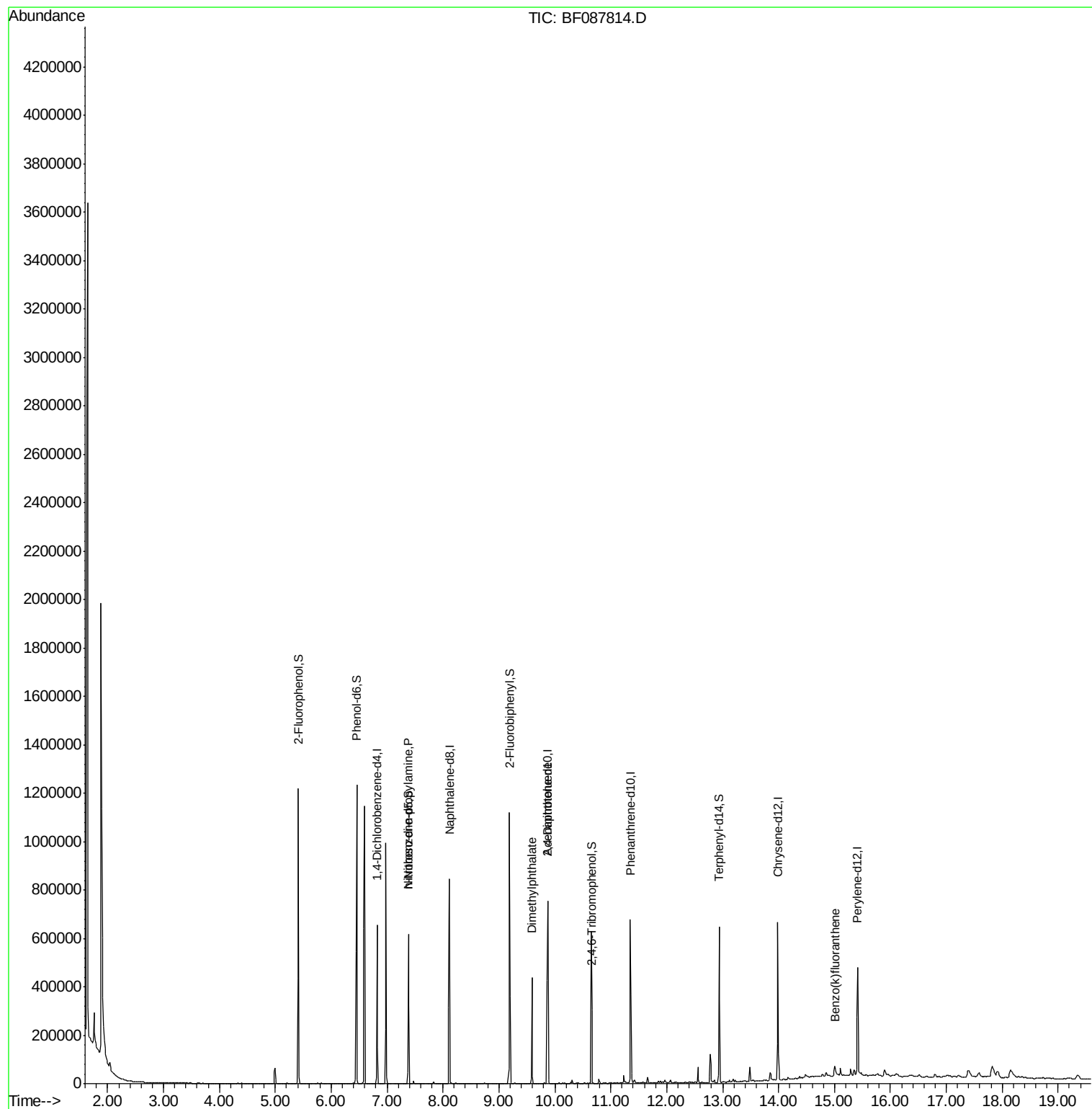
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97150	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	416105	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	180768	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	293875	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	210772	20.00	ng	0.00
86) Perylene-d12	15.42	264	202359	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	352337	62.00	ng	-0.01
7) Phenol-d6	6.46	99	474460	68.89	ng	-0.02
23) Nitrobenzene-d5	7.38	82	238178	33.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	88190	46.20	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	373534	28.80	ng	-0.02
78) Terphenyl-d14	12.94	244	236722	25.56	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	2293	Below Cal		Qvalue 93
19) n-Nitroso-di-n-propylamine	7.38	70	29529	6.70 ng	#	77
45) 1,1'-Biphenyl	9.19	154	558	Below Cal	#	1
49) Dimethylphthalate	9.59	163	160330	12.24 ng		99
56) 2,4-Dinitrotoluene	9.87	165	22552	5.85 ng	#	37
57) Fluorene	10.41	166	1328	Below Cal	#	95
88) Benzo(k)fluoranthene	15.01	252	25903	2.43 ng		95

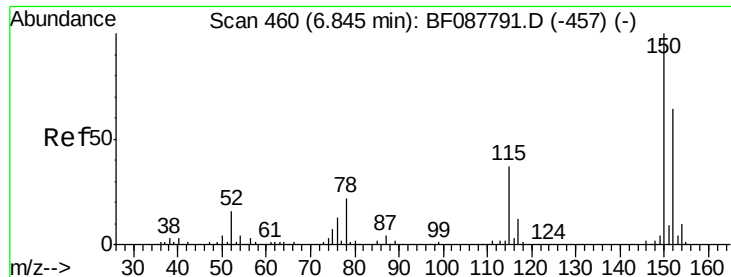
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

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BNA_F

ClientSampleId :

SS-23

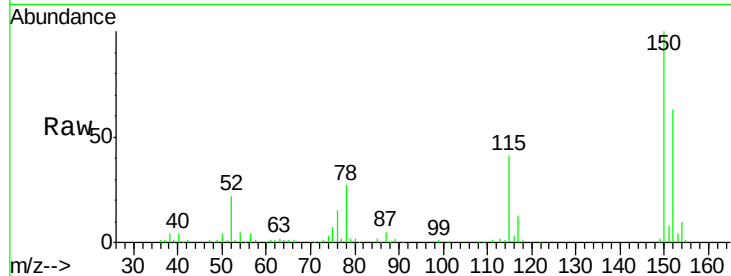
Tgt Ion:152 Resp: 97150

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

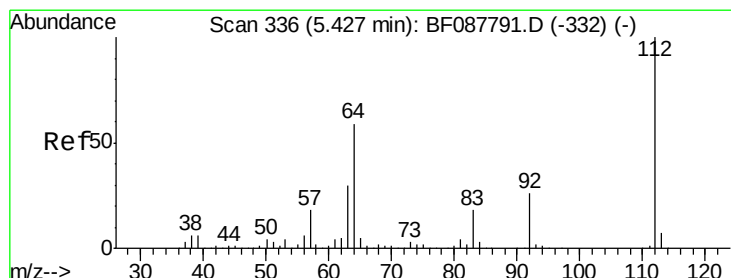
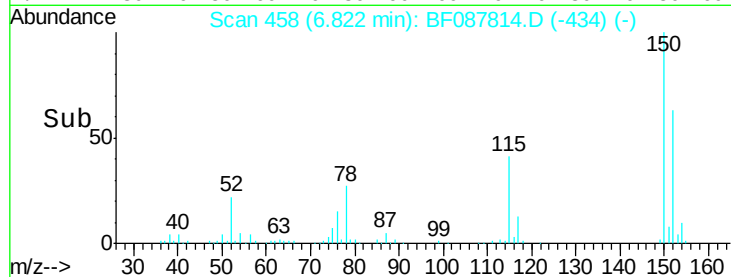
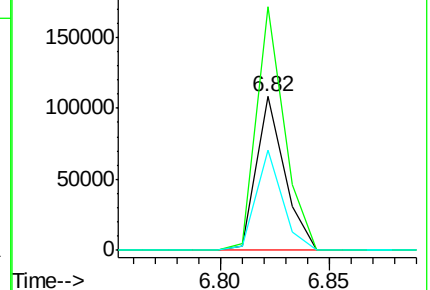
115 65.5 39.6 59.4#



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



#5

2-Fluorophenol

Concen: 62.00 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

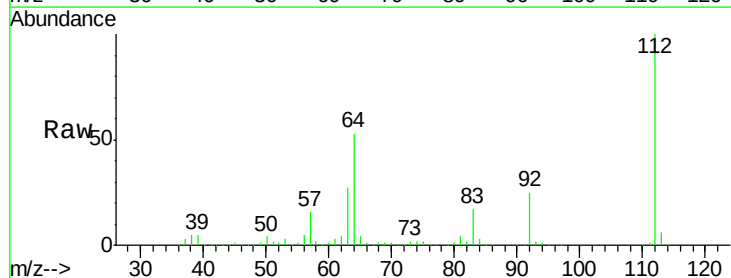
Tgt Ion:112 Resp: 352337

Ion Ratio Lower Upper

112 100

64 52.8 42.2 63.2

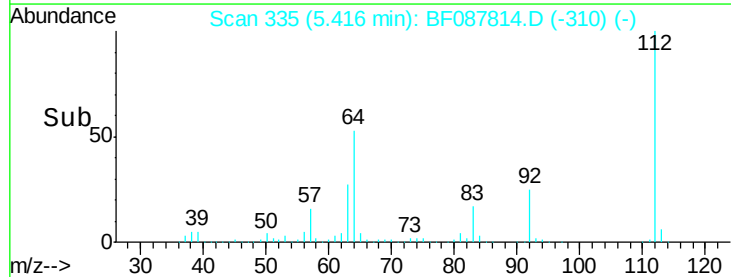
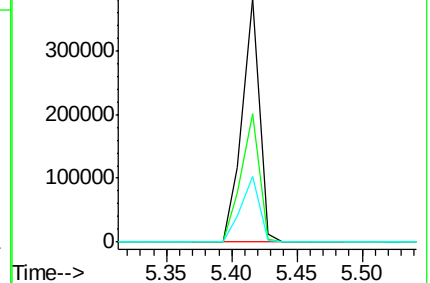
63 27.2 21.8 32.8

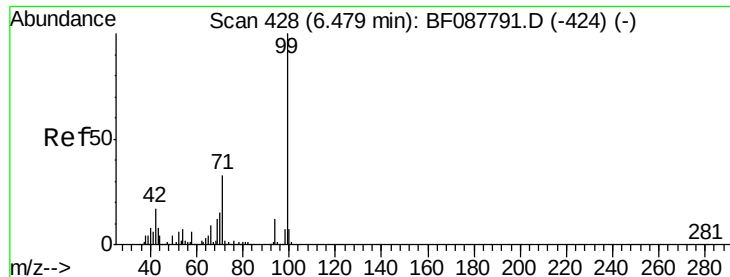


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.89 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

Instrument :

BNA_F

ClientSampleId :

SS-23

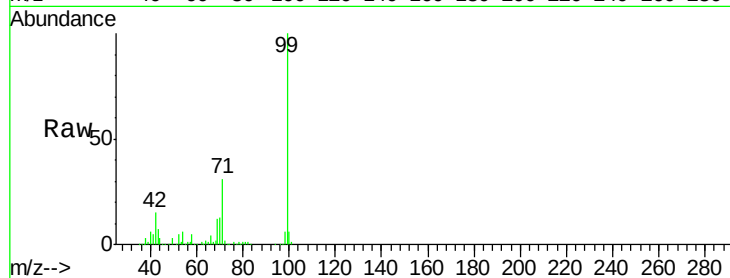
Tgt Ion: 99 Resp: 474460

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

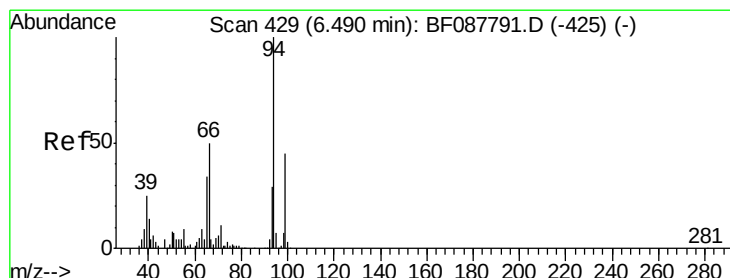
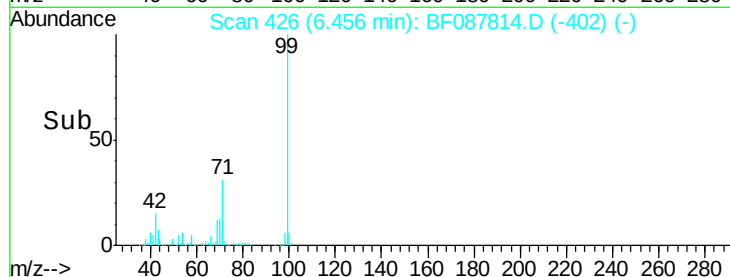
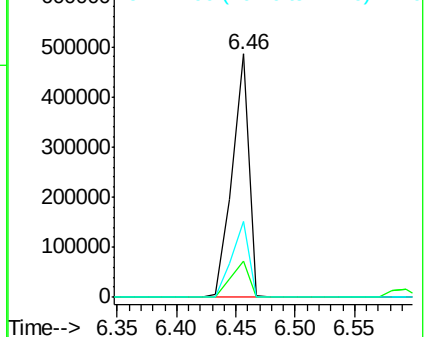
71 31.2 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

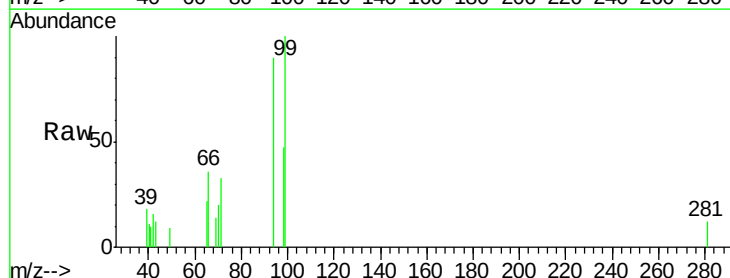
Tgt Ion: 94 Resp: 2293

Ion Ratio Lower Upper

94 100

65 24.1 5.9 45.9

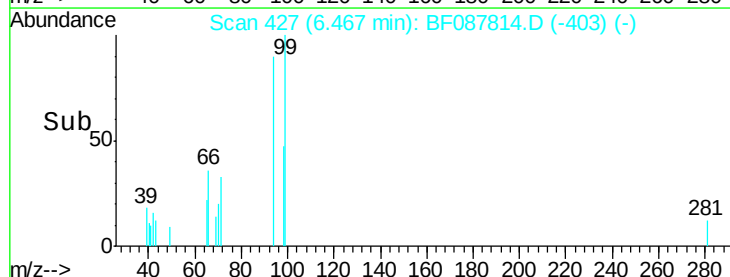
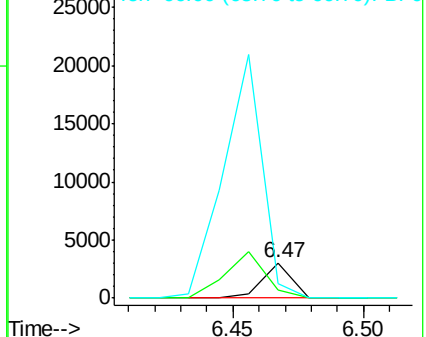
66 39.8 14.0 54.0

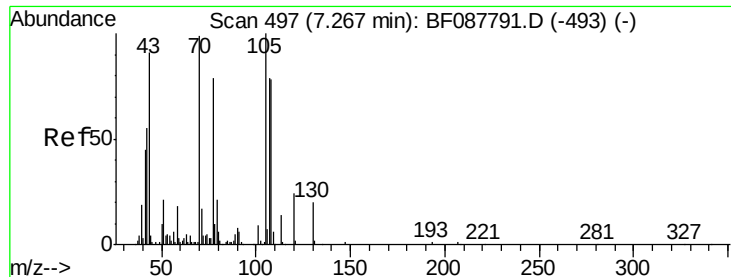


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

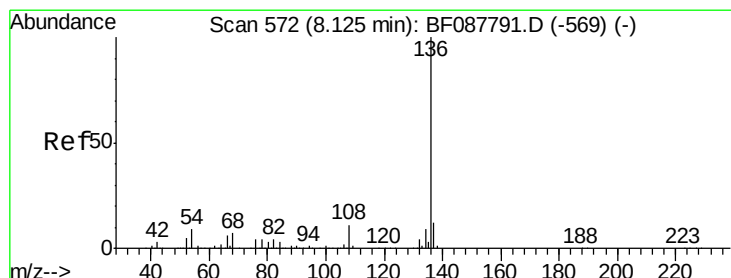
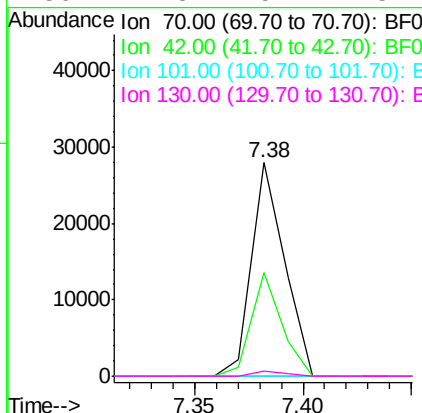
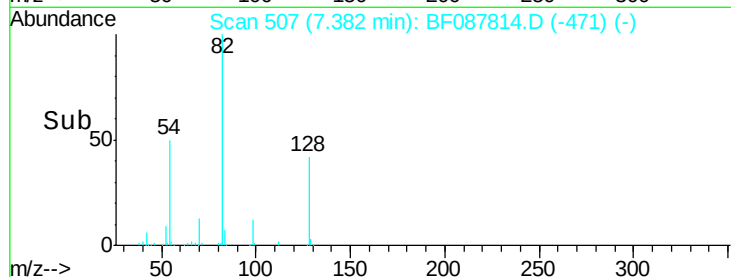
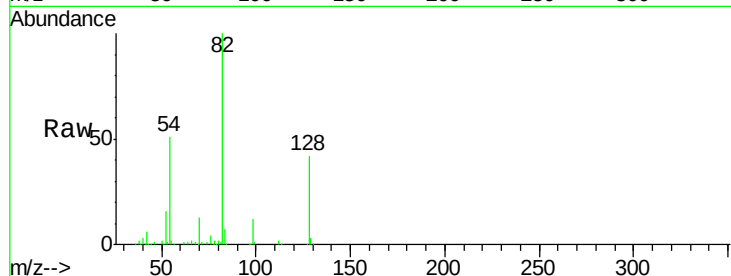




#19
n-Nitroso-di-n-propylamine
Concen: 6.70 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087814.D
Acq: 8 Jun 2016 17:21

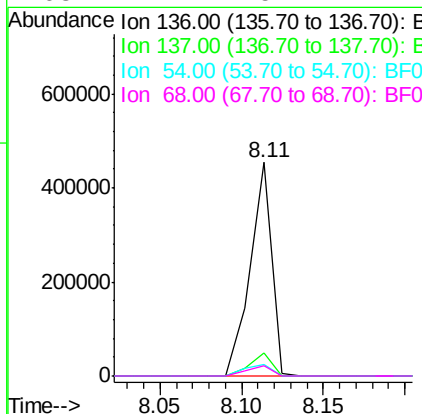
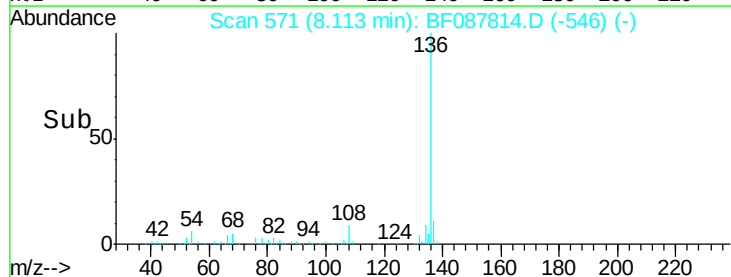
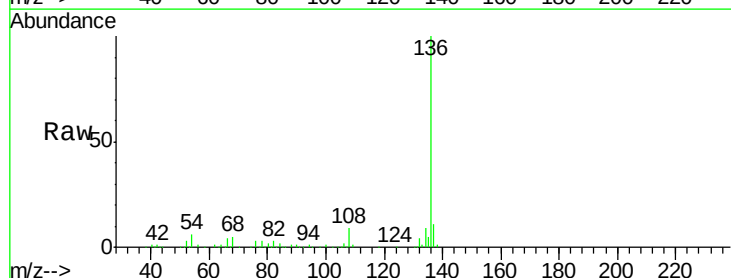
Instrument :
BNA_F
ClientSampleId :
SS-23

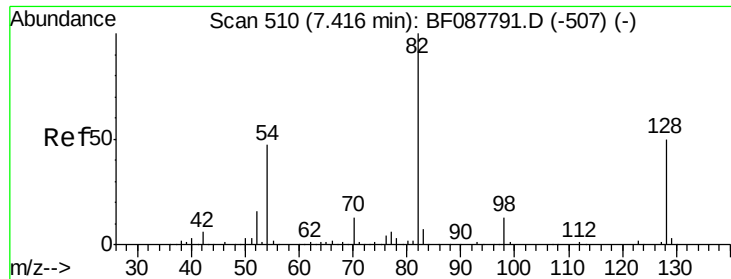
Tgt Ion:	70	Resp:	29529
Ion	Ratio	Lower	Upper
70	100		
42	48.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087814.D
Acq: 8 Jun 2016 17:21

Tgt Ion:	136	Resp:	416105
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

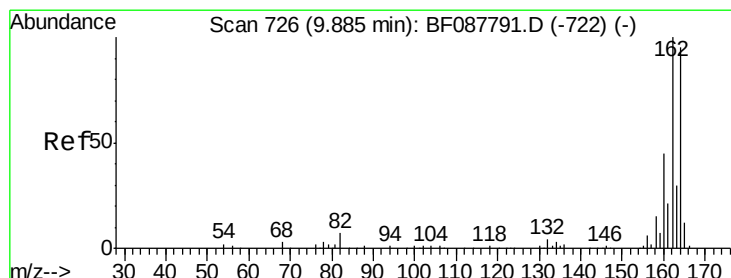
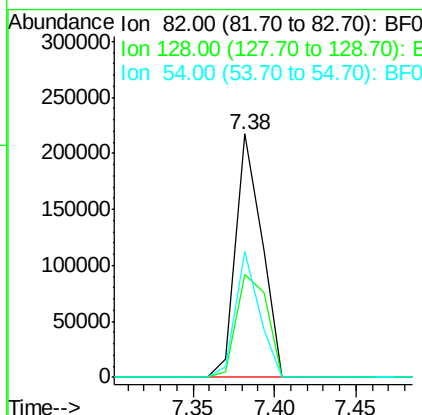
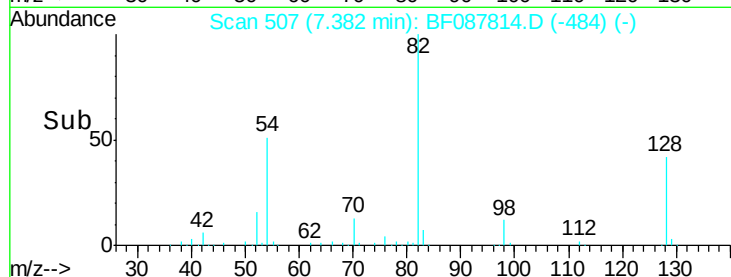
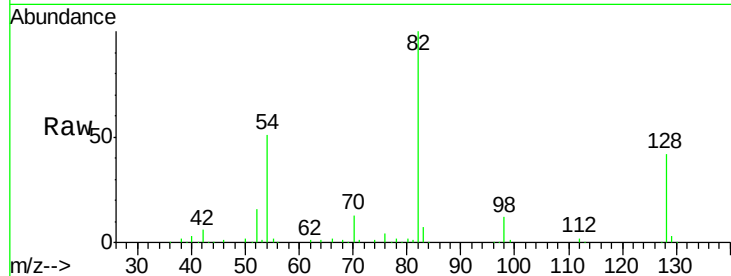




#23
 Nitrobenzene-d5
 Concen: 33.42 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

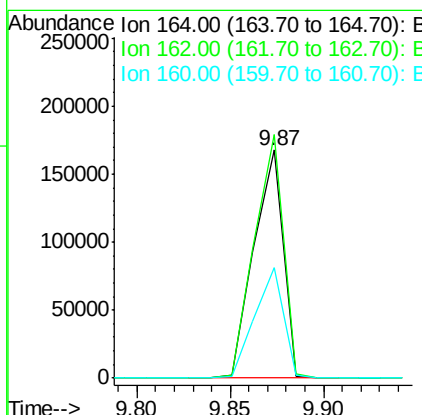
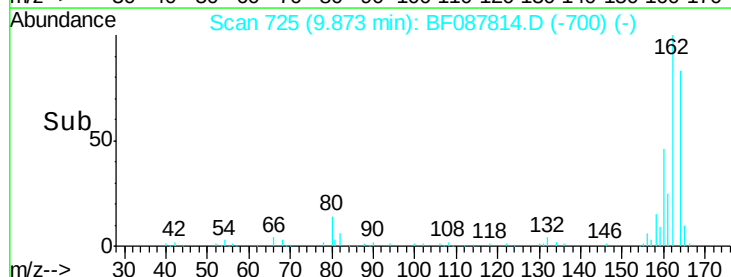
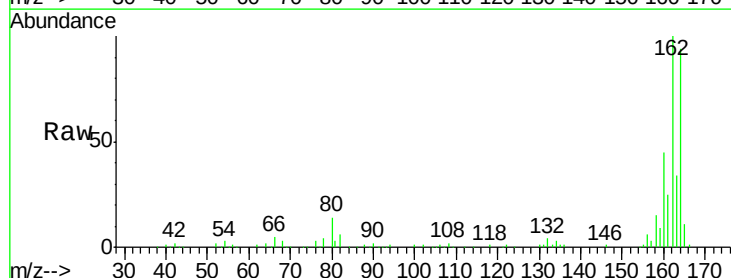
Instrument :
 BNA_F
 ClientSampled :
 SS-23

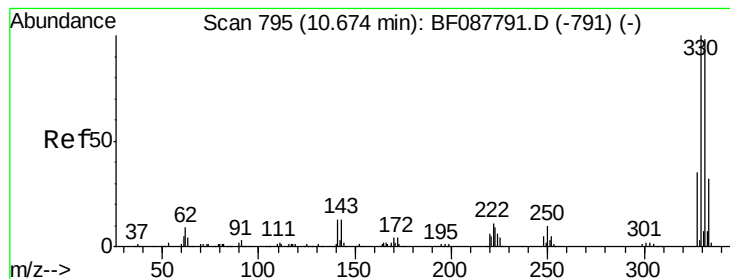
Tgt Ion: 82 Resp: 238178
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.9 53.9
 54 51.5 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

Tgt Ion: 164 Resp: 180768
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.4 128.2
 160 48.4 39.5 59.3

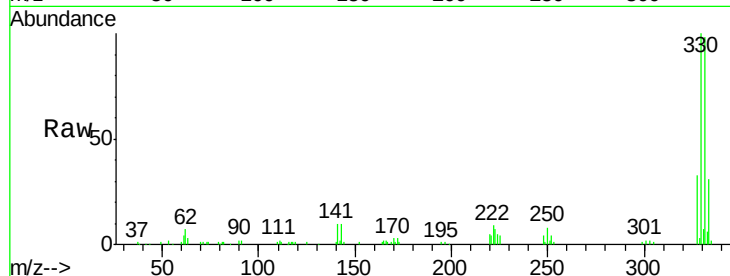




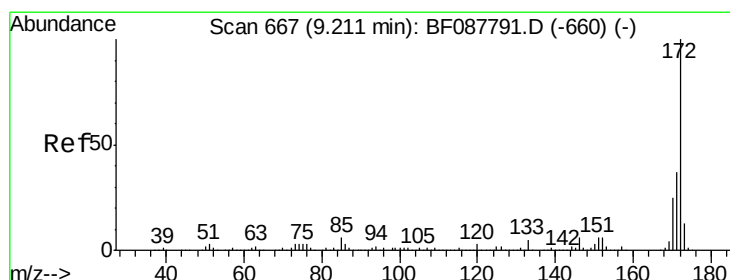
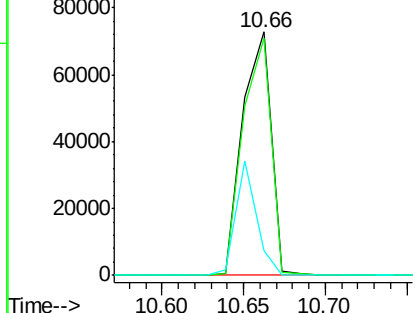
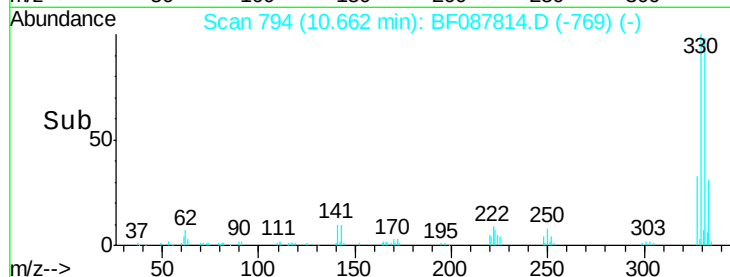
#41
 2,4,6-Tribromophenol
 Concen: 46.20 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

Instrument :
 BNA_F
 ClientSampleID :
 SS-23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	33.5	0.0	0.0#

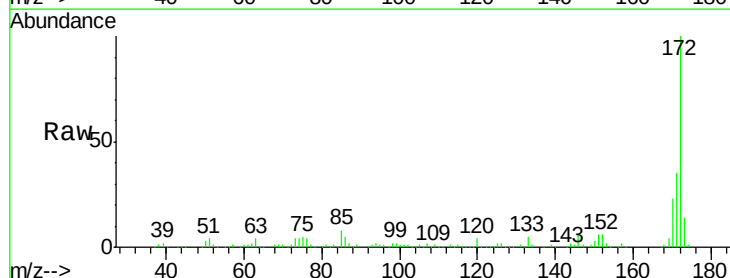


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

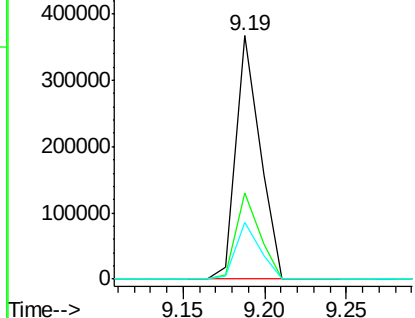
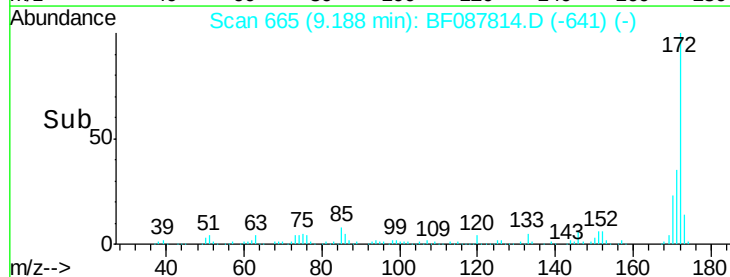


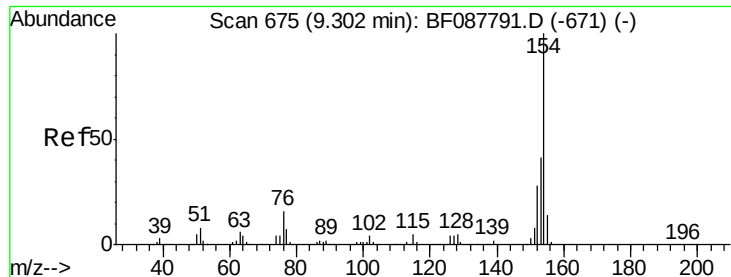
#44
 2-Fluorobiphenyl
 Concen: 28.80 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.5	19.2	28.8



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

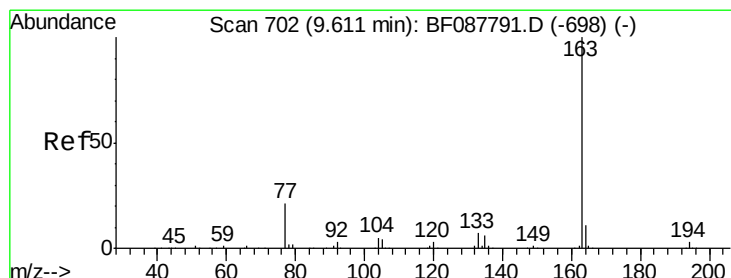
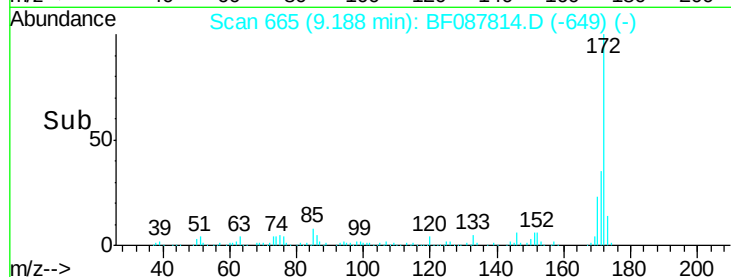
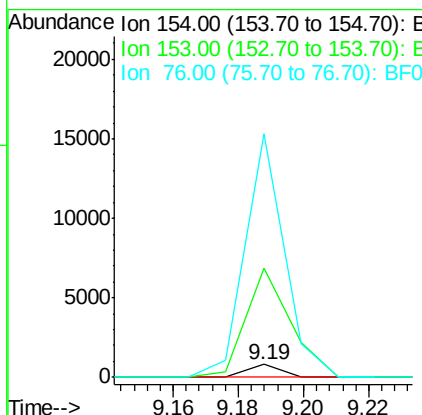
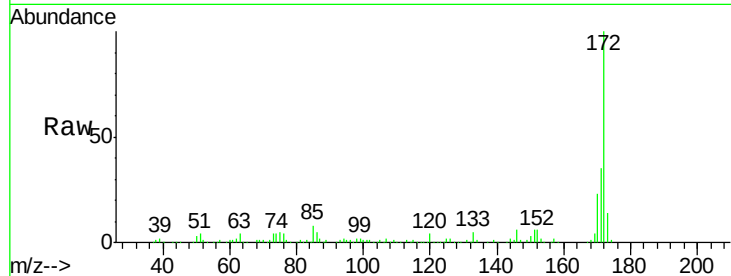




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.19 min Scan# 665
 Delta R.T. -0.11 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

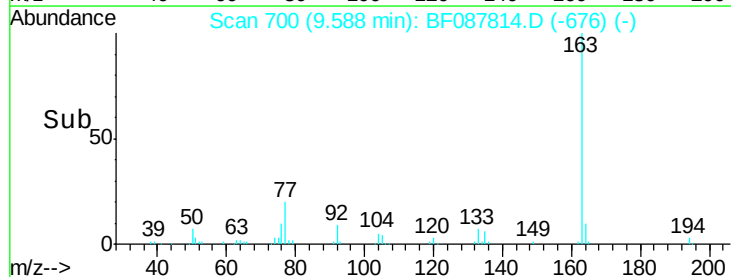
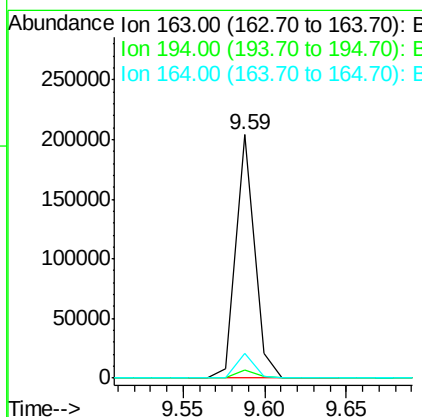
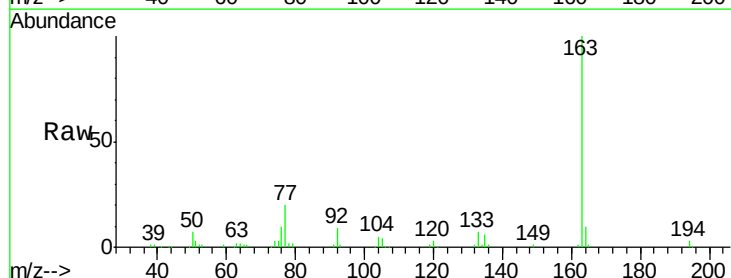
Instrument :
 BNA_F
 ClientSampleId :
 SS-23

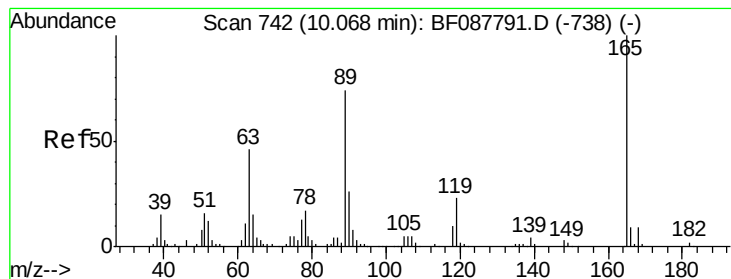
Tgt Ion:154 Resp: 558
 Ion Ratio Lower Upper
 154 100
 153 842.9 20.6 60.6#
 76 1881.0 0.0 35.1#



#49
 Dimethylphthalate
 Concen: 12.24 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.02 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

Tgt Ion:163 Resp: 160330
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.2 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 5.85 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.19 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

Instrument :

BNA_F

ClientSampleId :

SS-23

Tgt Ion:165 Resp: 22552

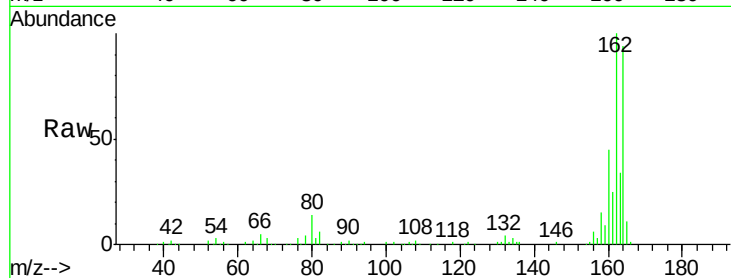
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

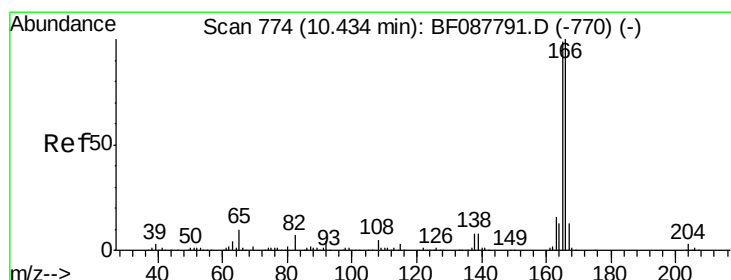
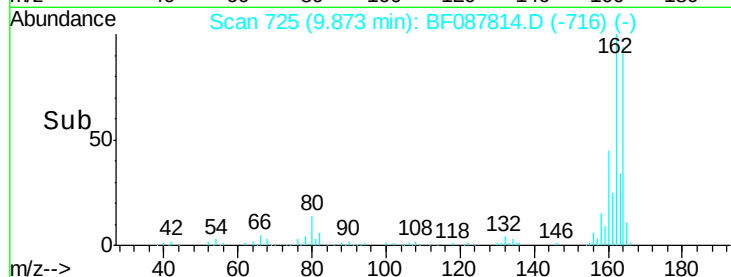
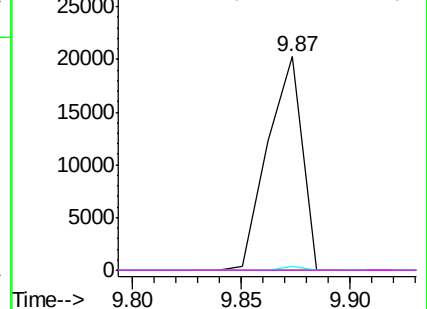


Abundance Ion 165.00 (164.70 to 165.70): E

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: Below Cal

RT: 10.41 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

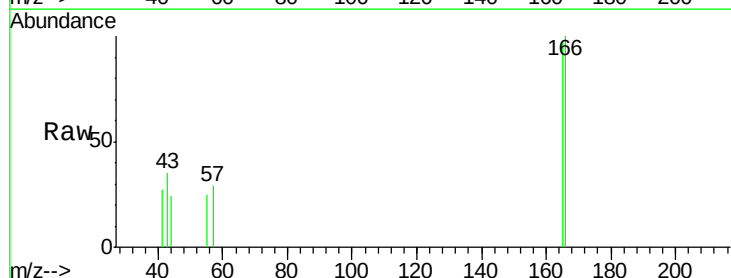
Tgt Ion:166 Resp: 1328

Ion Ratio Lower Upper

166 100

165 96.7 77.8 116.8

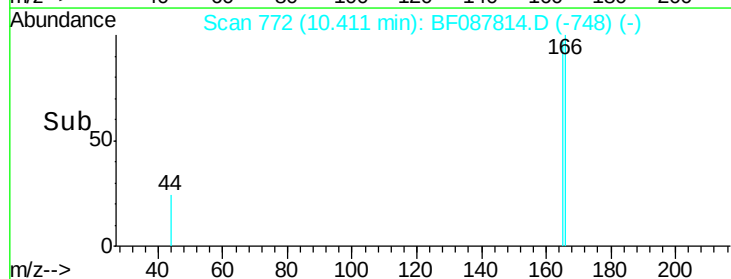
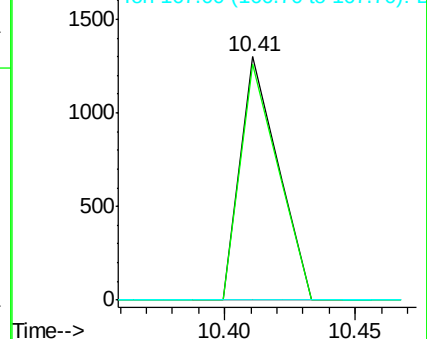
167 0.0 11.2 16.8#

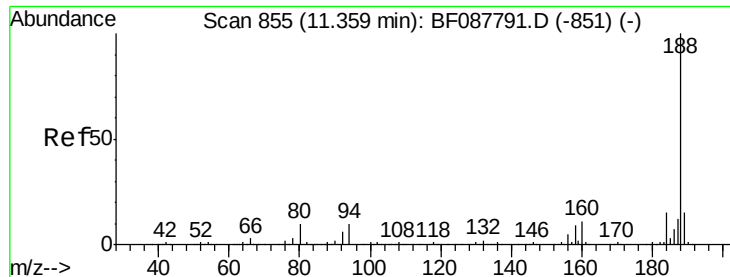


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

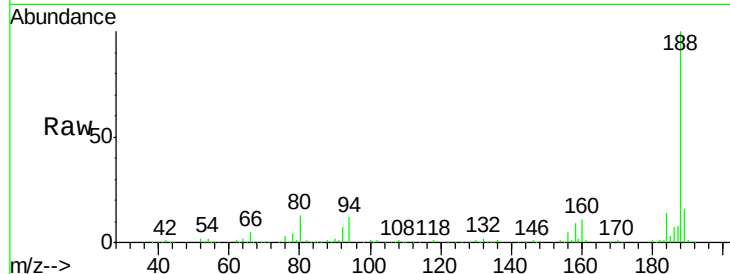




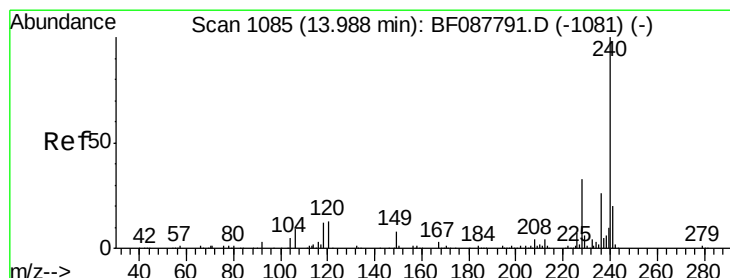
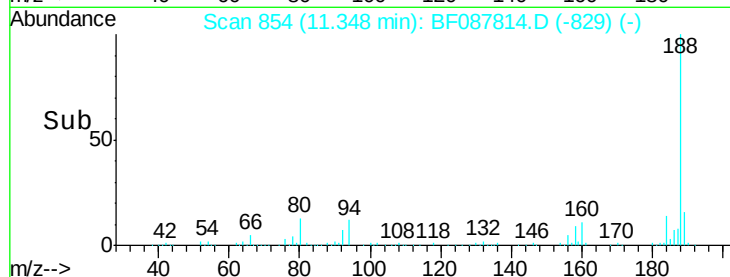
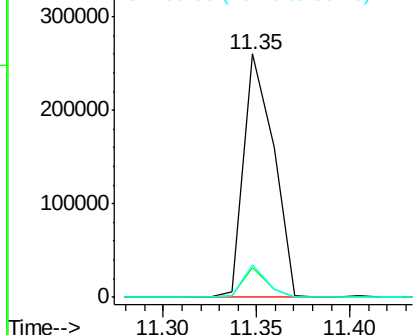
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087814.D
Acq: 8 Jun 2016 17:21

Instrument :
BNA_F
ClientSampleId :
SS-23

Tgt Ion:188 Resp: 293875
Ion Ratio Lower Upper
188 100
94 12.3 9.0 13.6
80 13.4 10.0 15.0

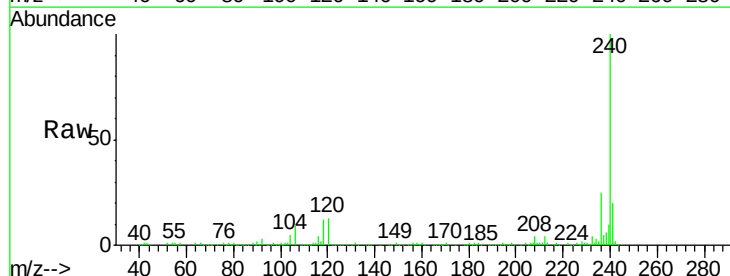


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

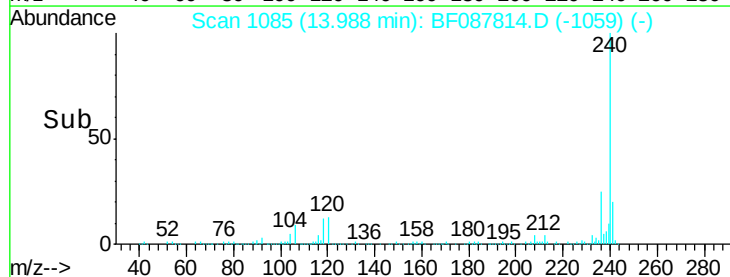
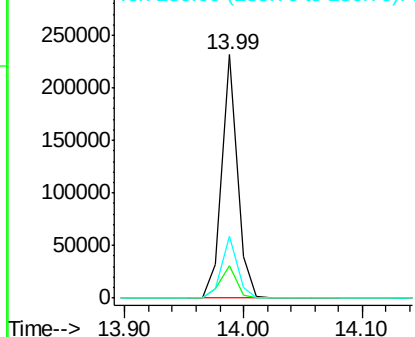


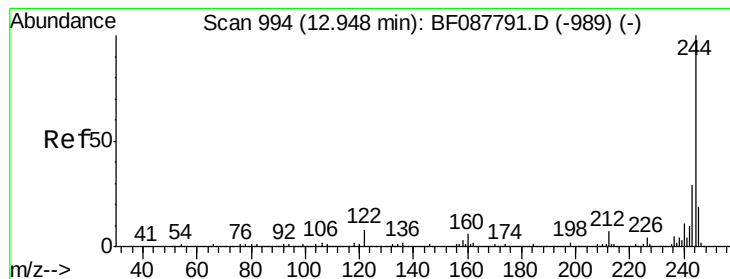
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF087814.D
Acq: 8 Jun 2016 17:21

Tgt Ion:240 Resp: 210772
Ion Ratio Lower Upper
240 100
120 13.3 6.8 10.2#
236 25.5 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: 25.56 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

Instrument :

BNA_F

ClientSampleId :

SS-23

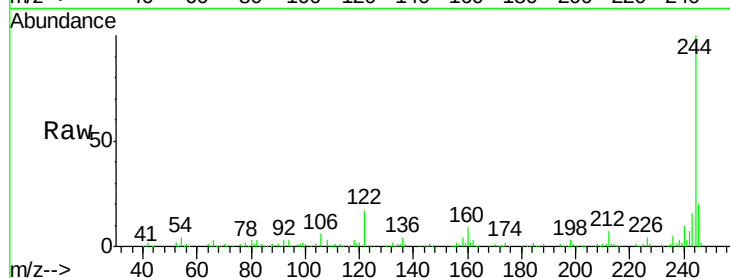
Tgt Ion:244 Resp: 236722

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

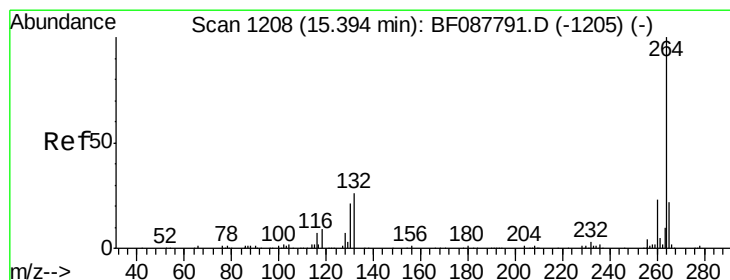
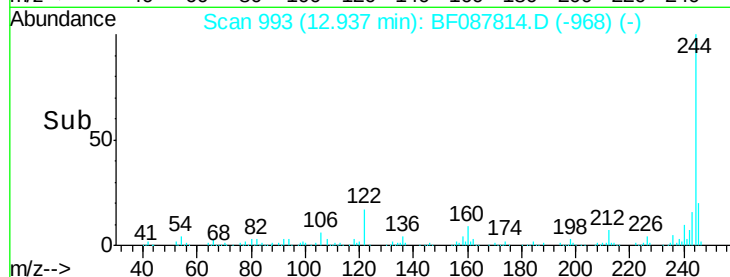
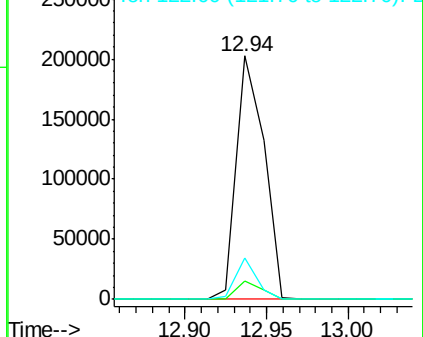
122 17.0 11.2 16.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1210

Delta R.T. 0.02 min

Lab File: BF087814.D

Acq: 8 Jun 2016 17:21

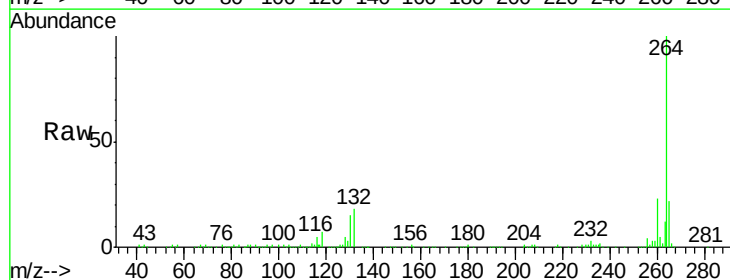
Tgt Ion:264 Resp: 202359

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

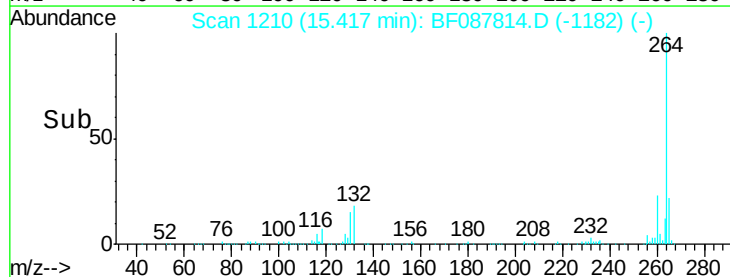
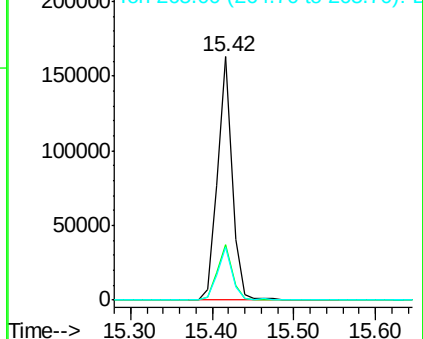
265 21.8 16.9 25.3

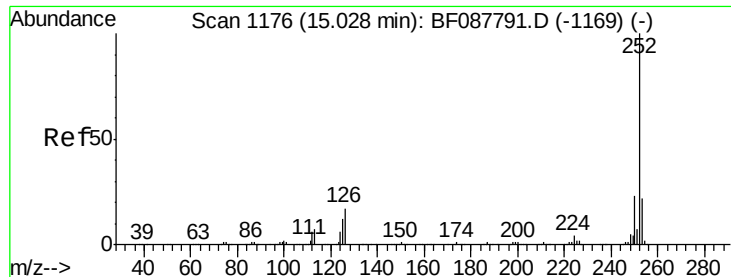


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88
 Benzo(k)fluoranthene
 Concen: 2.43 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF087814.D
 Acq: 8 Jun 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SS-23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	15.7	11.2	16.8

