

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094655.D
 Acq On : 26 Apr 2017 19:02
 Operator : SJ/MA
 Sample : I2821-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB427A

Quant Time: Apr 27 08:34:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

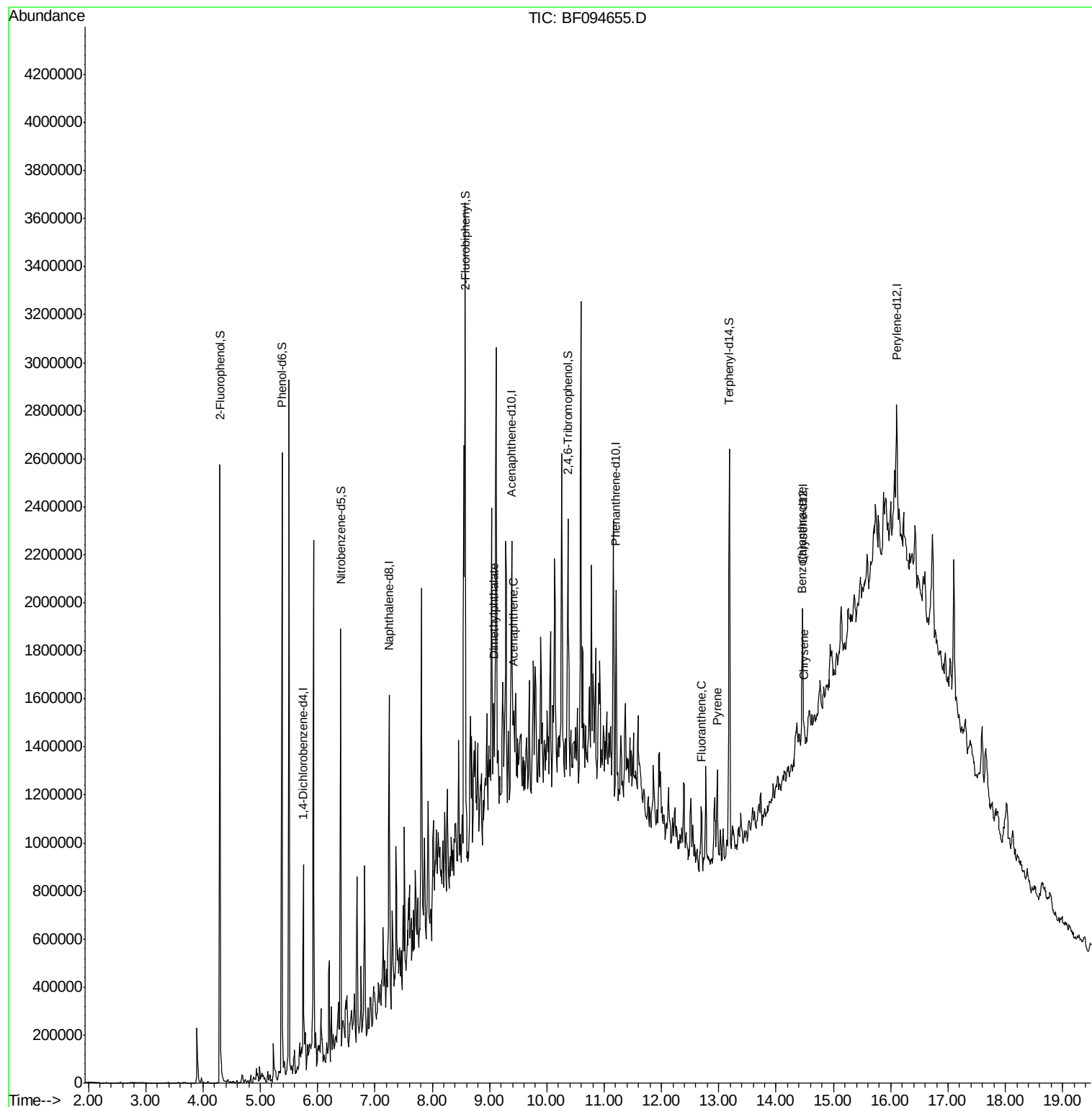
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	126756	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	498278	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	209698	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	352597	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	259957	20.00	ng	0.00
86) Perylene-d12	16.10	264	218805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	779546	102.03	ng	0.00
7) Phenol-d6	5.38	99	980558	108.87	ng	-0.01
23) Nitrobenzene-d5	6.40	82	594526	73.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	178879	109.06	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	971769	68.18	ng	-0.01
78) Terphenyl-d14	13.18	244	705439	72.53	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	149281	9.55	ng	# 99
51) Acenaphthene	9.42	154	36833	2.90	ng	91
74) Fluoranthene	12.70	202	134167	6.52	ng	98
77) Pyrene	12.97	202	186992	10.30	ng	96
80) Benzo(a)anthracene	14.45	228	42199	2.79	ng	# 84
82) Chrysene	14.49	228	43004	3.11	ng	# 82

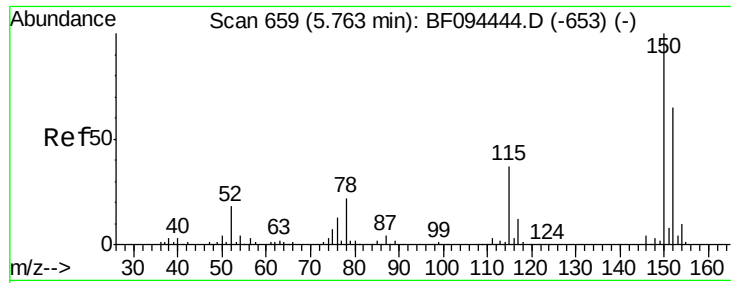
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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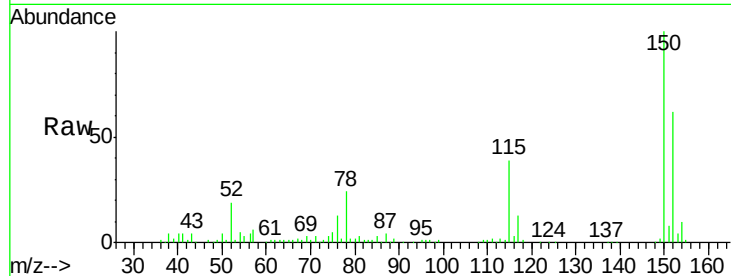


#1

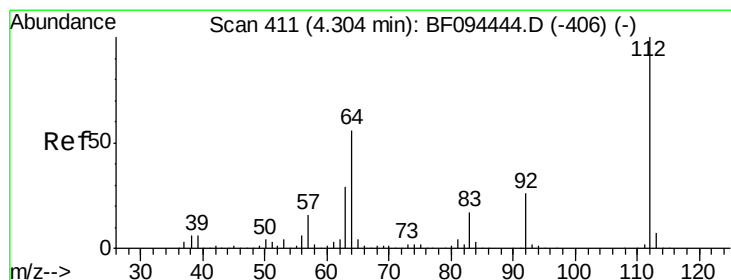
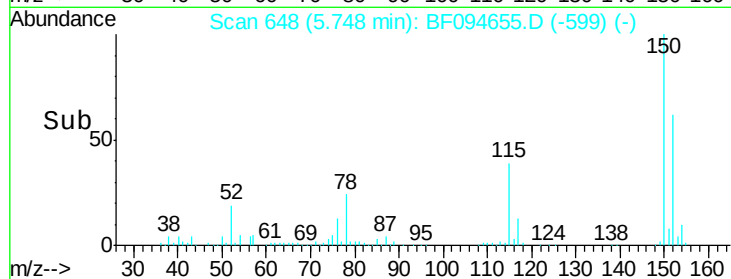
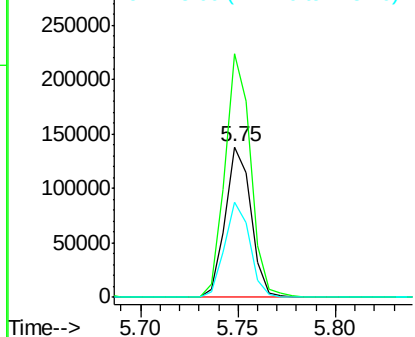
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB427A

Tot Ion:152 Resp: 126756
 Ion Ratio Lower Upper
 152 100
 150 162.1 126.2 189.2
 115 63.0 52.2 78.2



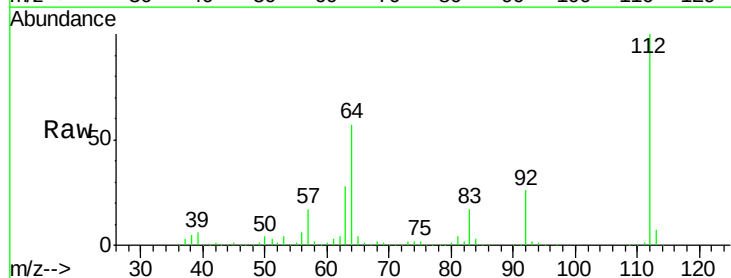
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



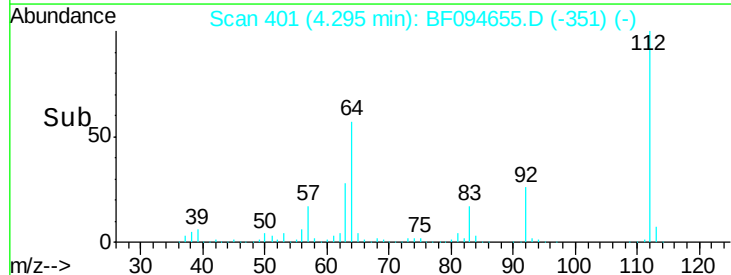
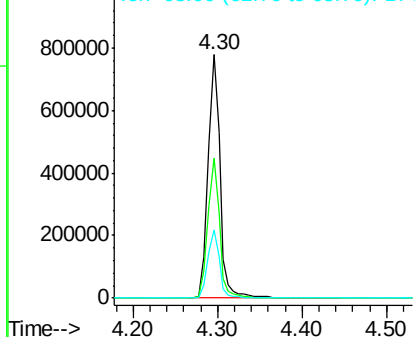
#5

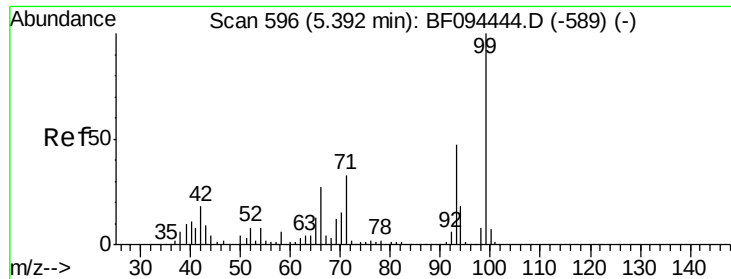
2-Fluorophenol
 Concen: 102.03 ng
 RT: 4.30 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

Tgt Ion:112 Resp: 779546
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.0 69.0
 63 27.8 23.4 35.0



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: 108.87 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB427A

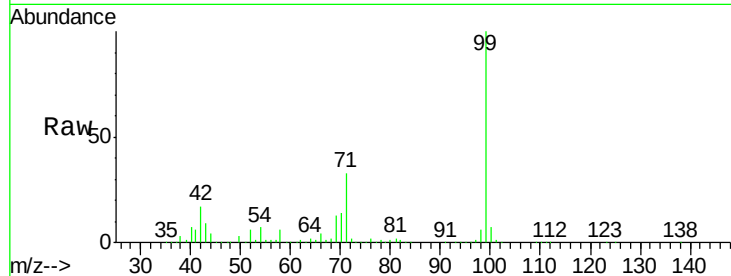
Tot Ion: 99 Resp: 980558

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

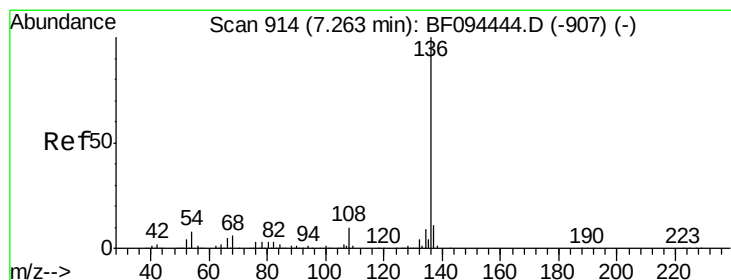
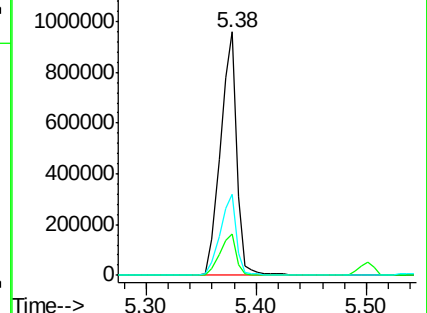
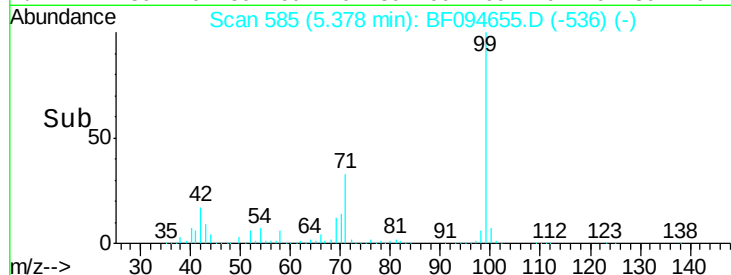
71 33.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

Tgt Ion: 136 Resp: 498278

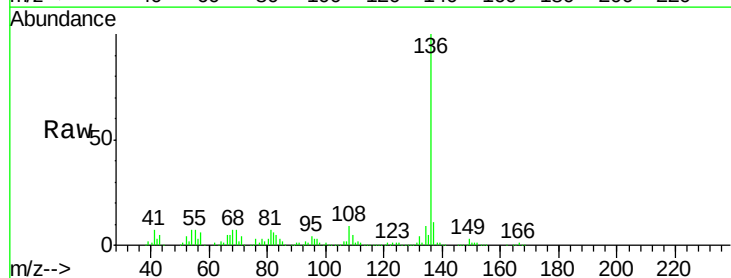
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.5 4.9 7.3#

68 6.7 4.1 6.1#

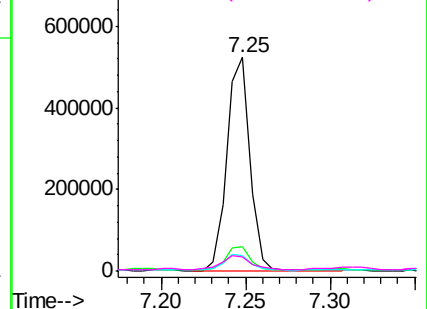
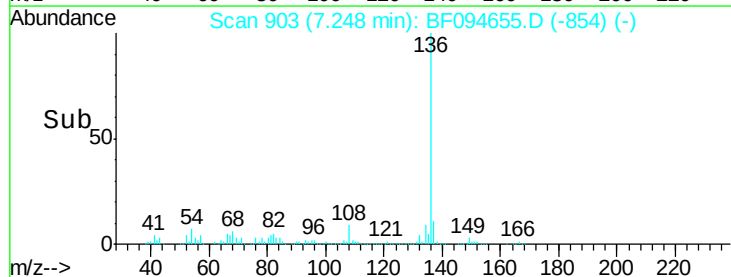


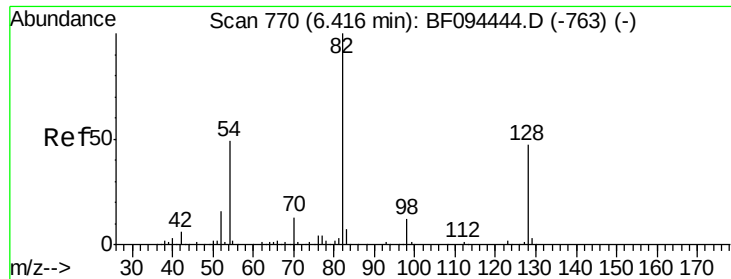
Abundance Ion 136.00 (135.70 to 136.70): E

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

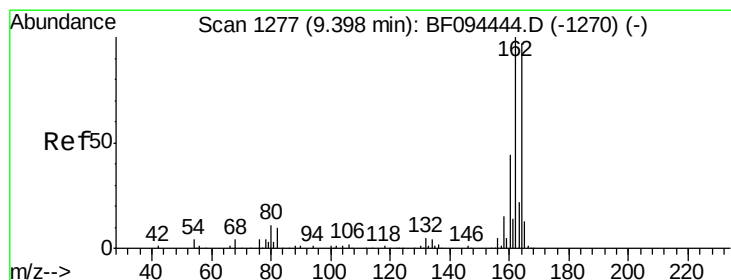
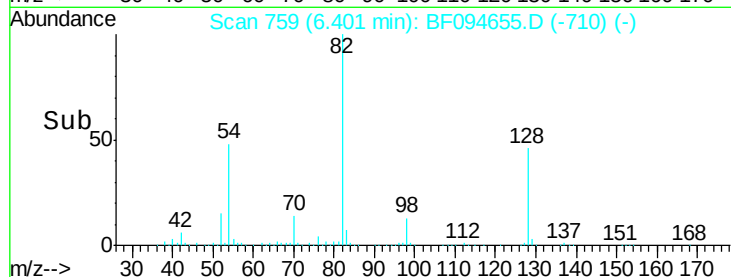
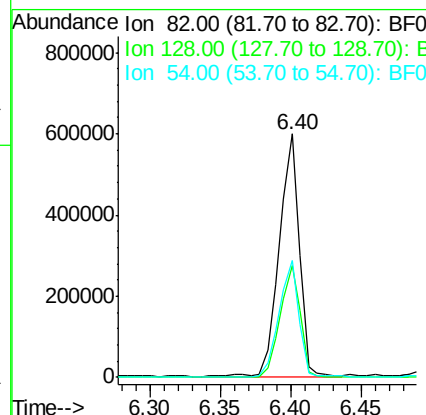
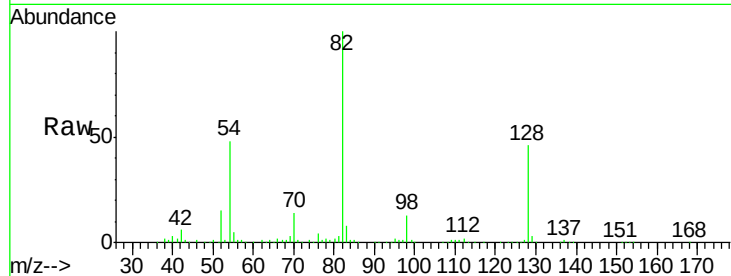




#23
 Nitrobenzene-d5
 Concen: 73.68 ng
 RT: 6.40 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

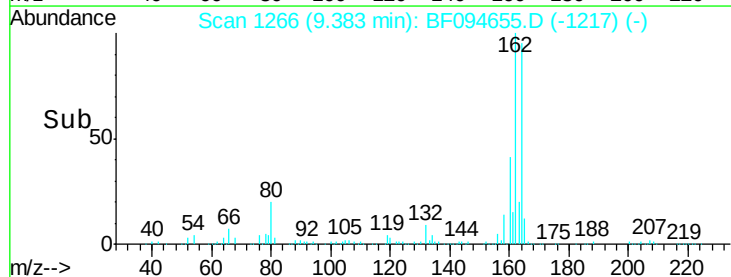
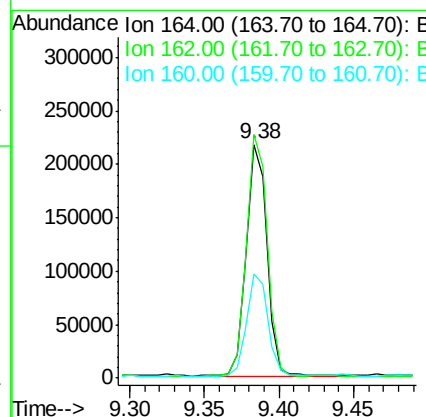
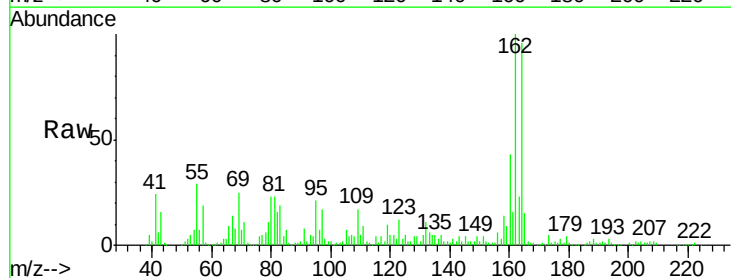
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB427A

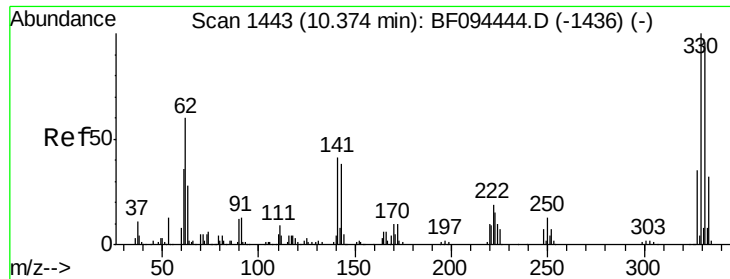
Tot Ion	82	Resp	594526
Ion Ratio	100		
Lower		34.0	
Upper		51.0	
128	46.0		
54	47.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

Tgt Ion	164	Resp	209698
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		82.6	
Upper		123.8	
162	104.3		
160	44.4	36.2	54.2

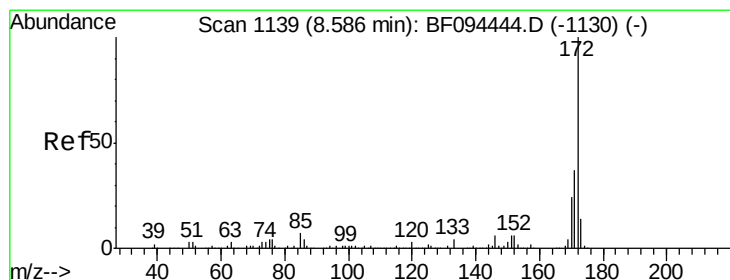
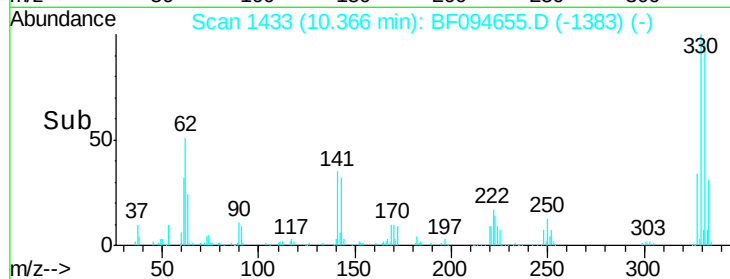
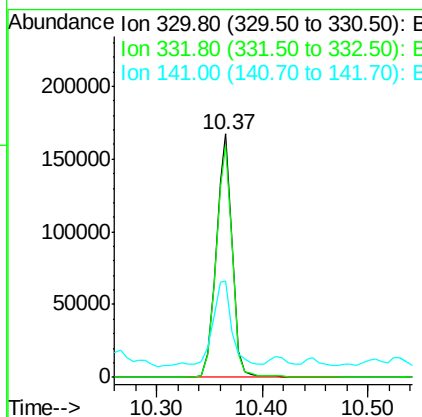
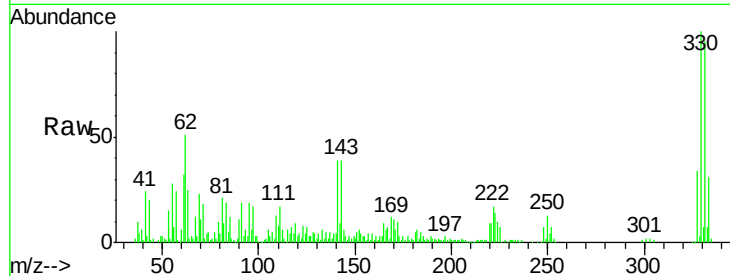




#41
 2,4,6-Tribromophenol
 Concen: 109.06 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

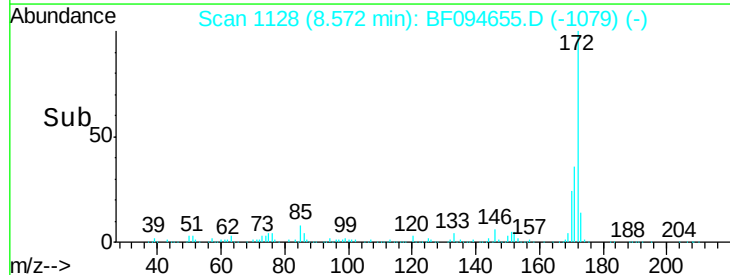
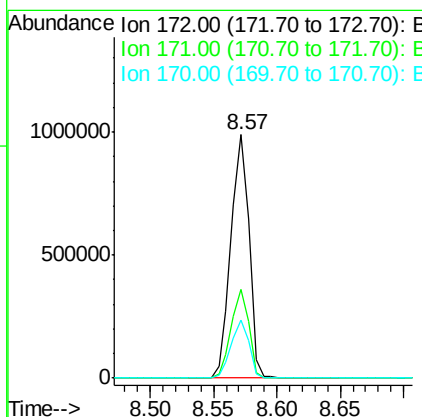
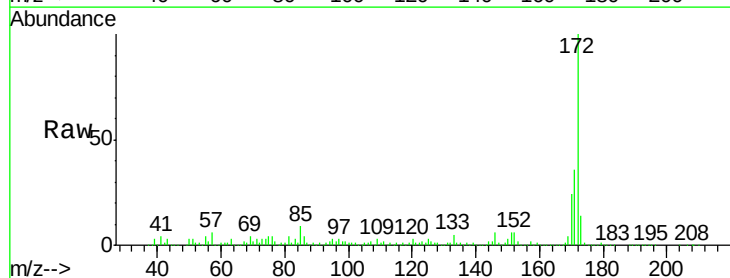
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB427A

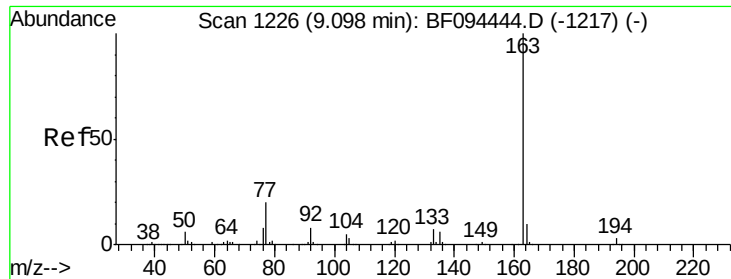
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.18 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8

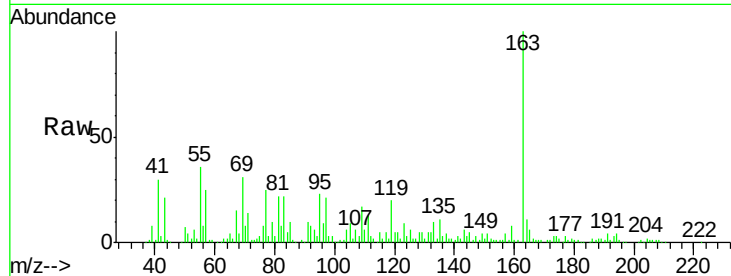




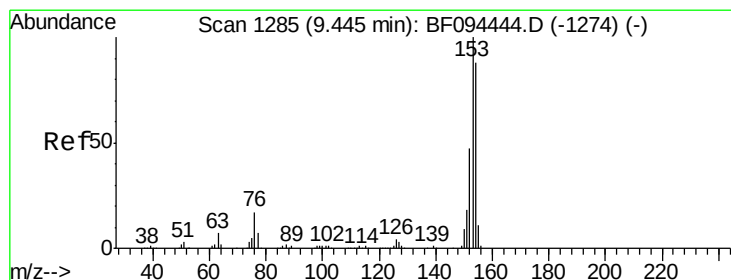
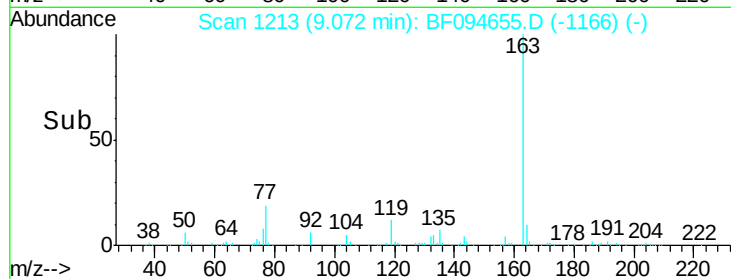
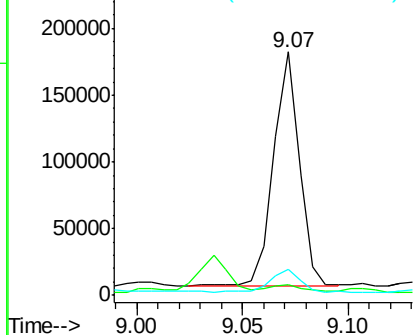
#49
Dimethylphthalate
Concen: 9.55 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094655.D
Acq: 26 Apr 2017 19:02

Instrument :
BNA_F
ClientSampleId :
HY-SB427A

Tot Ion:163 Resp: 149281
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.8 8.4 12.6

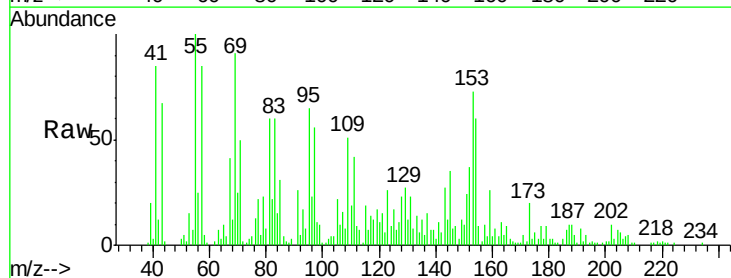


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

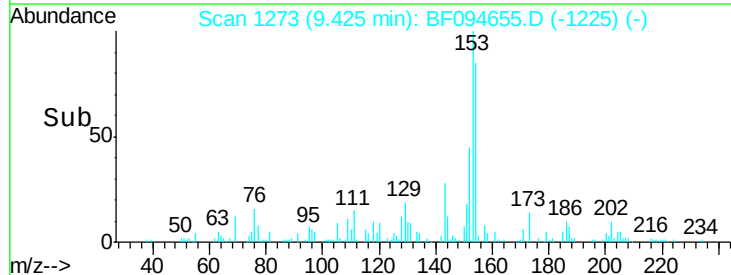
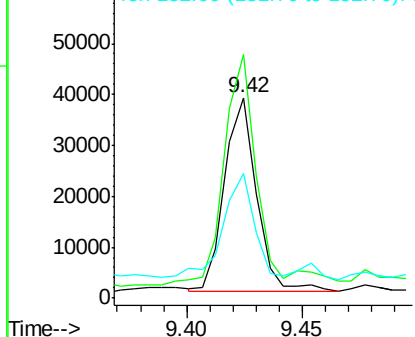


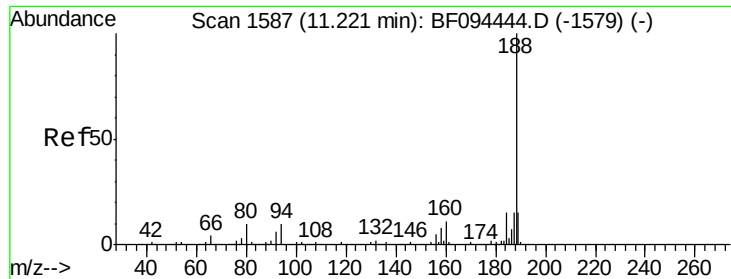
#51
Acenaphthene
Concen: 2.90 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094655.D
Acq: 26 Apr 2017 19:02

Tgt Ion:154 Resp: 36833
Ion Ratio Lower Upper
154 100
153 121.3 90.5 135.7
152 62.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

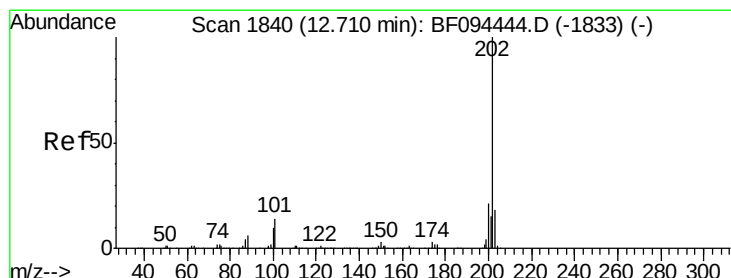
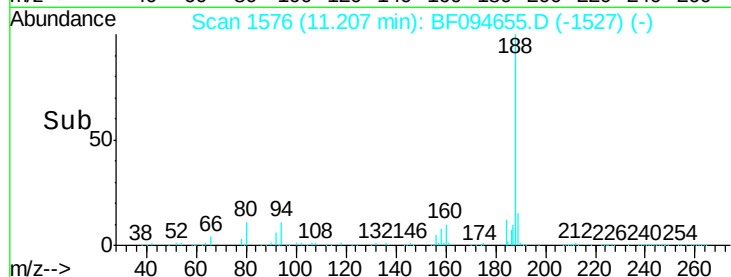
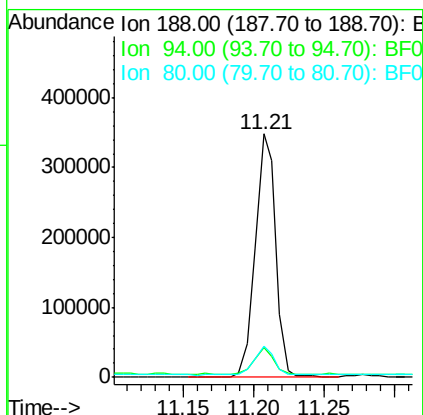
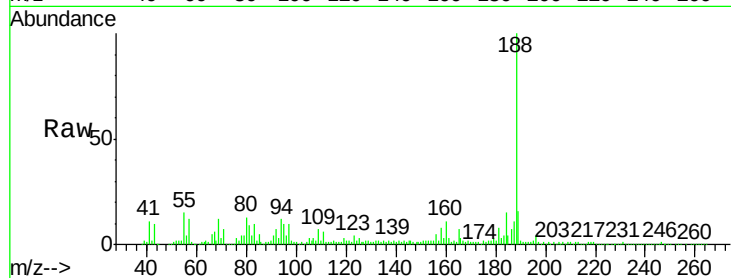




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094655.D
Acq: 26 Apr 2017 19:02

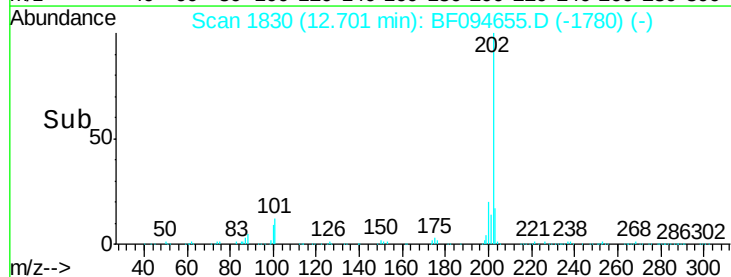
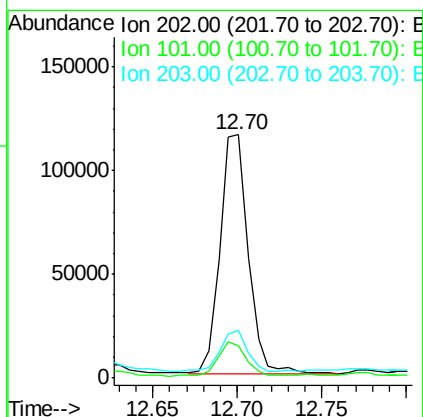
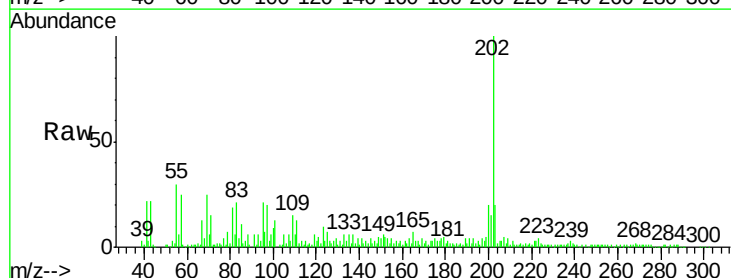
Instrument :
BNA_F
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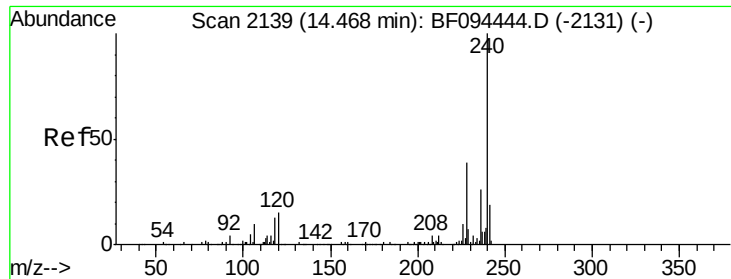
Tot Ion:188 Resp: 352597
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 12.6 10.2 15.2



#74
Fluoranthene
Concen: 6.52 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094655.D
Acq: 26 Apr 2017 19:02

Tgt Ion:202 Resp: 134167
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 19.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB427A

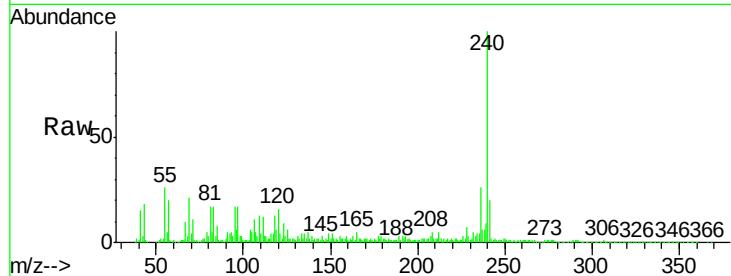
Tot Ion:240 Resp: 259957

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

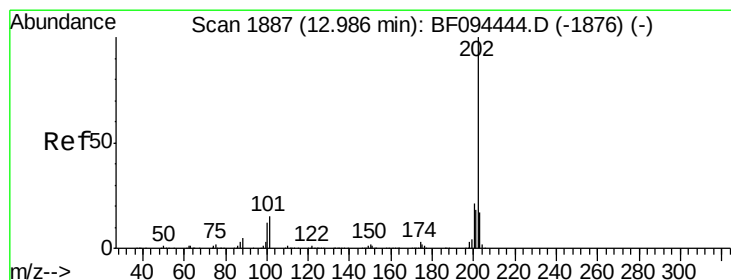
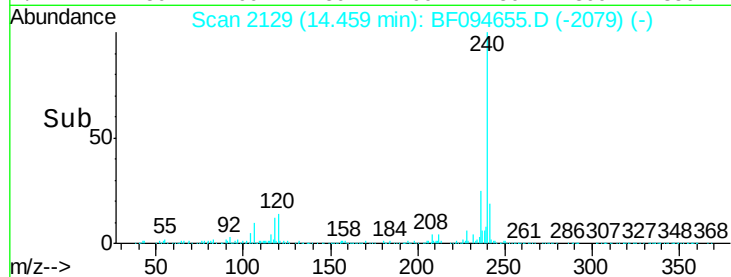
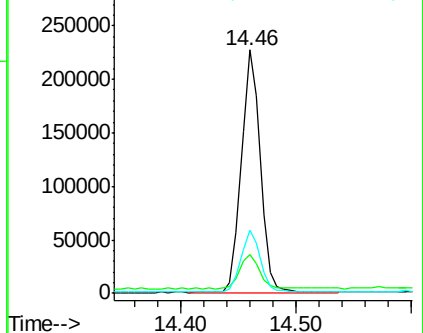
236 25.8 20.5 30.7



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



#77

Pyrene

Concen: 10.30 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

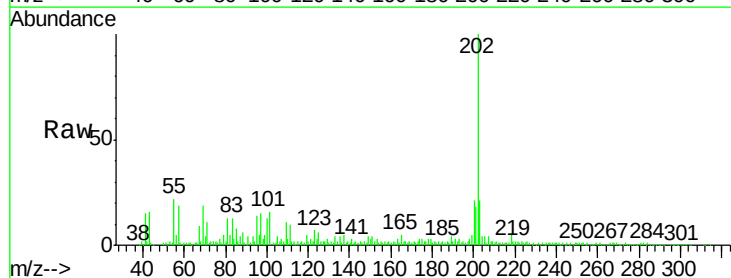
Tgt Ion:202 Resp: 186992

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

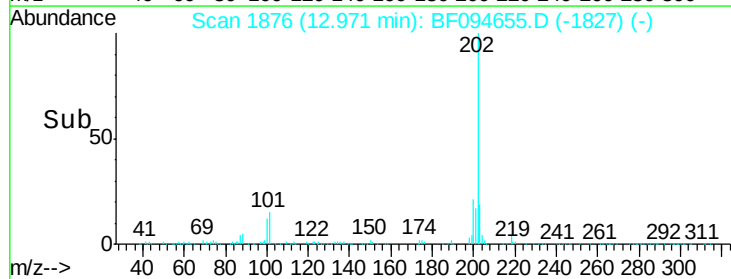
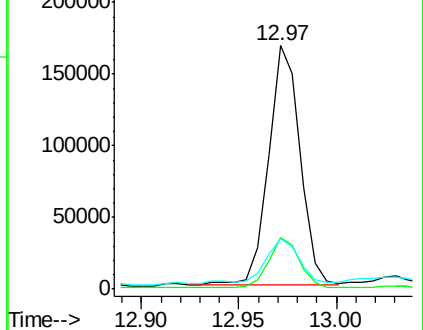
203 20.8 14.4 21.6

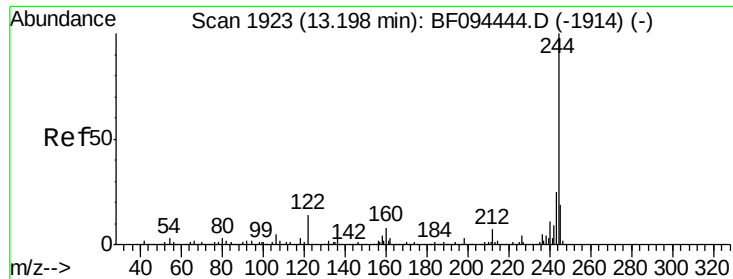


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

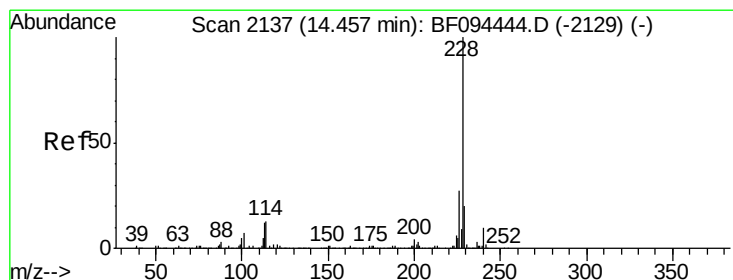
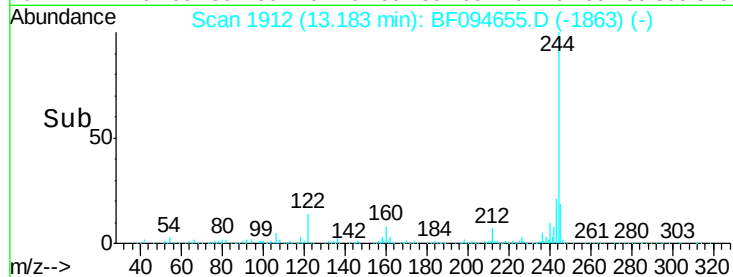
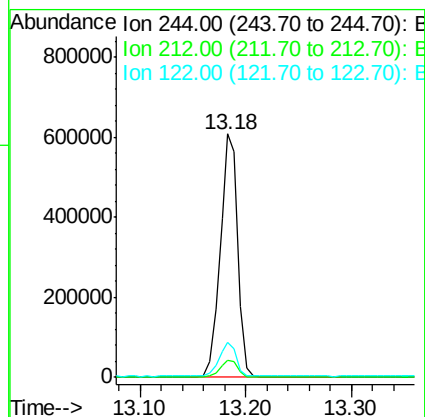
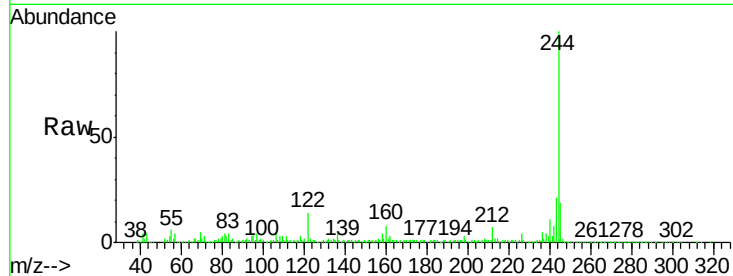




#78
 Terphenyl-d14
 Concen: 72.53 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

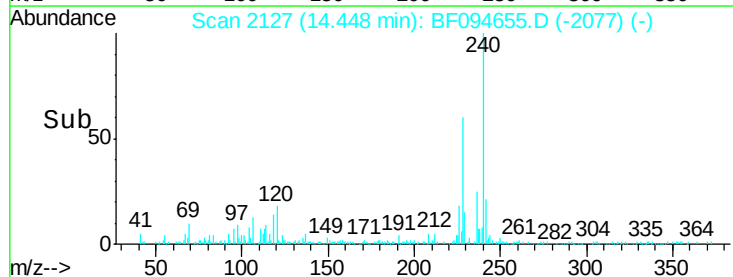
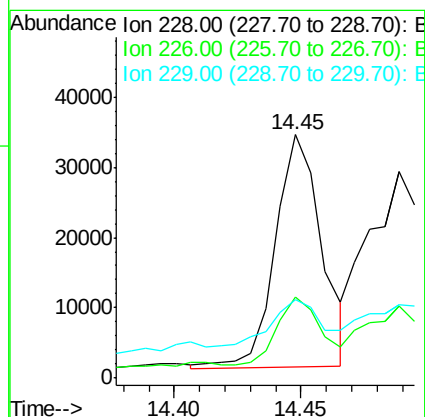
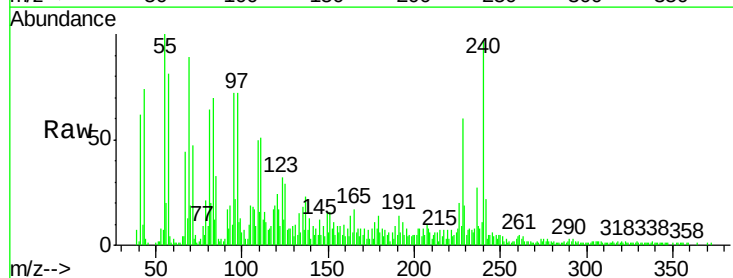
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB427A

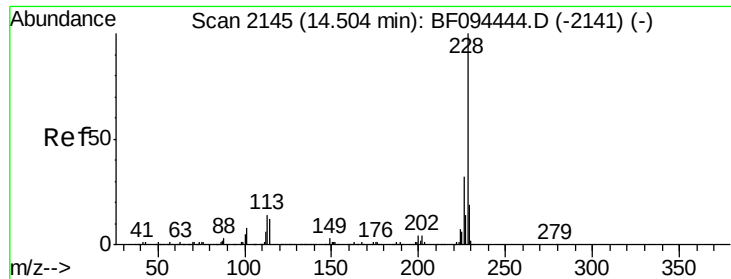
Tot Ion:244 Resp: 705439
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 2.79 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BF094655.D
 Acq: 26 Apr 2017 19:02

Tgt Ion:228 Resp: 42199
 Ion Ratio Lower Upper
 228 100
 226 33.5 22.6 33.8
 229 32.0 16.3 24.5#





#82

Chrysene

Concen: 3.11 ng

RT: 14.49 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

Instrument :

BNA_F

ClientSampleId :

HY-SB427A

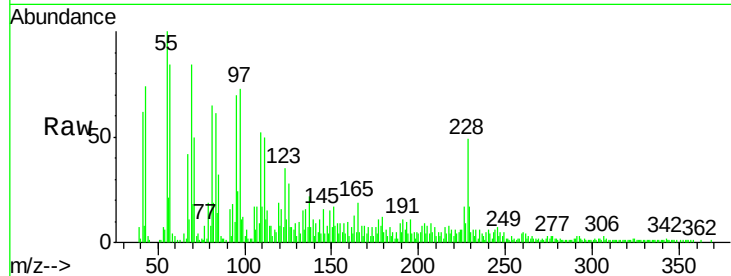
Tot Ion:228 Resp: 43004

Ion Ratio Lower Upper

228 100

226 35.0 24.9 37.3

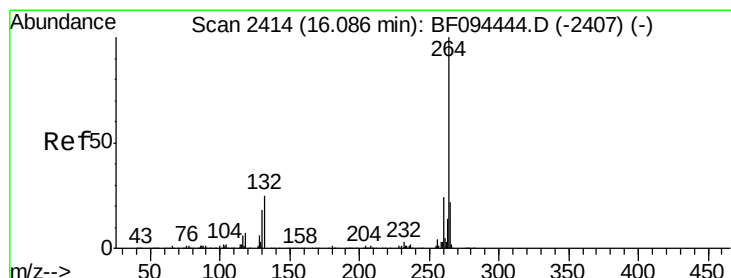
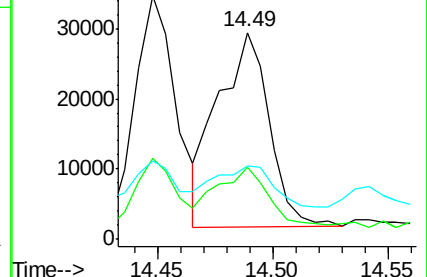
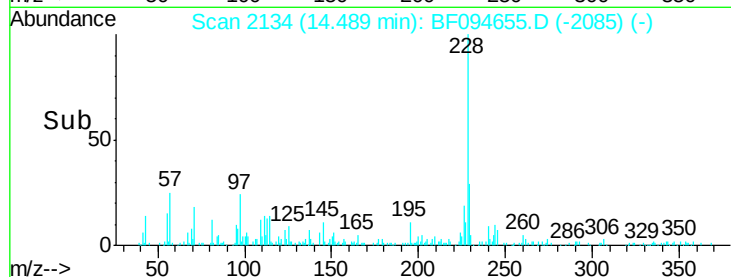
229 35.6 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BF094655.D

Acq: 26 Apr 2017 19:02

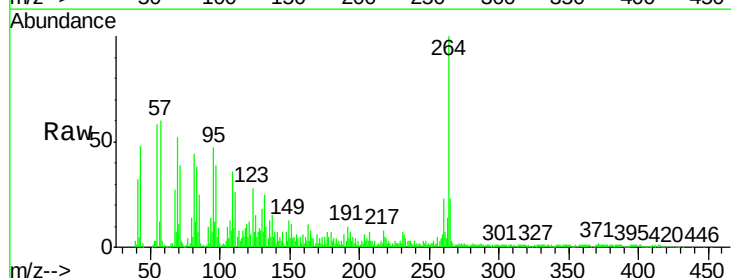
Tgt Ion:264 Resp: 218805

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 22.9 17.2 25.8



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

