

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094581.D
 Acq On : 24 Apr 2017 13:21
 Operator : SJ/MA
 Sample : I2786-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-(3)

Quant Time: Apr 25 04:05:47 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

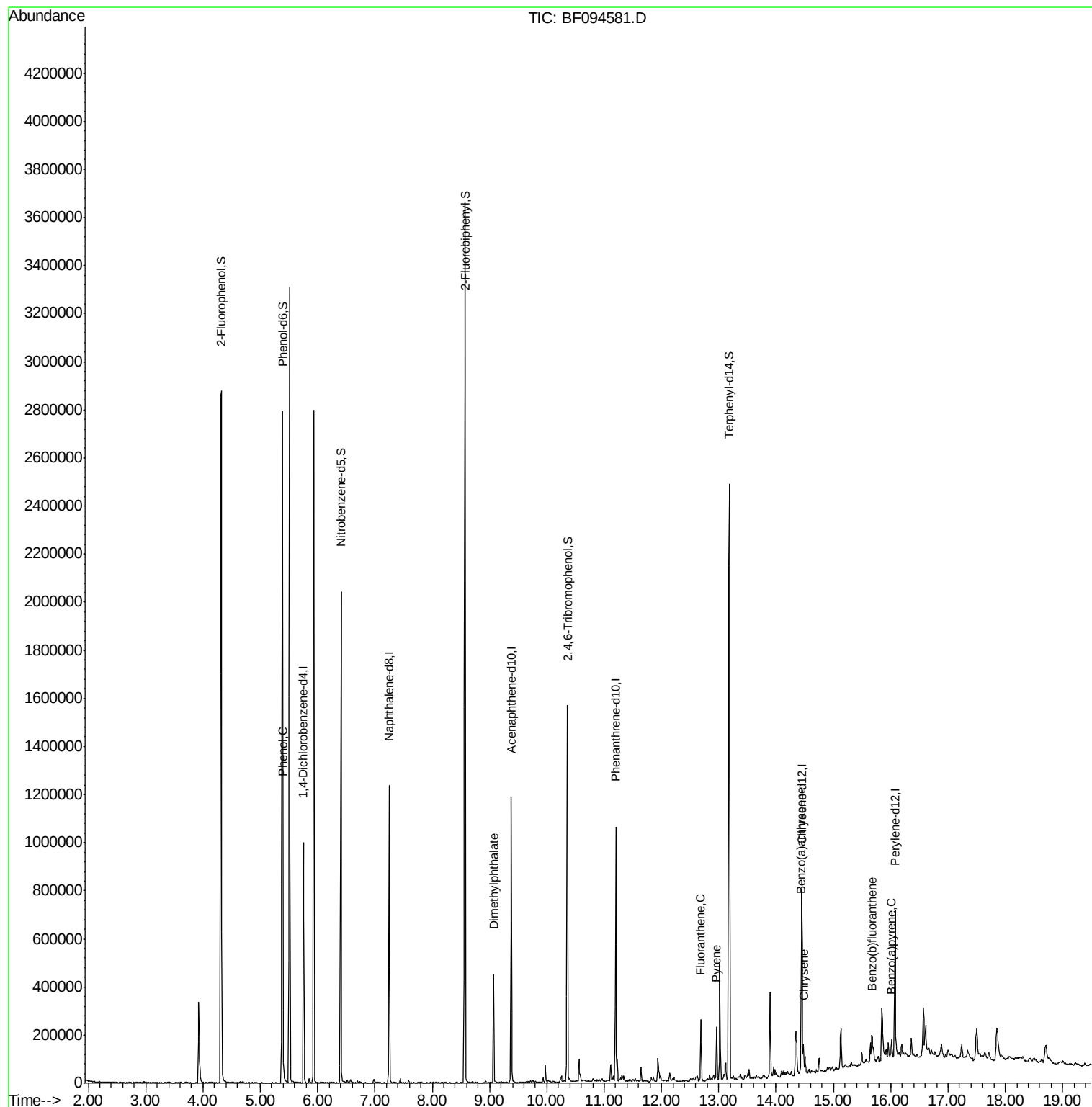
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	152075	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	586564	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	249157	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	416047	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	280566	20.00	ng	-0.02
86) Perylene-d12	16.08	264	246808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	957695	104.48	ng	0.02
7) Phenol-d6	5.39	99	1188752	110.01	ng	0.00
23) Nitrobenzene-d5	6.41	82	737299	77.62	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	213306	109.45	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1308741	77.28	ng	-0.01
78) Terphenyl-d14	13.18	244	930234	88.62	ng	-0.01
Target Compounds						Qvalue
10) Phenol	5.40	94	75270	5.67	ng	85
49) Dimethylphthalate	9.07	163	209398	11.28	ng	99
74) Fluoranthene	12.69	202	108210	4.46	ng	99
77) Pyrene	12.97	202	95214	4.86	ng	97
80) Benzo(a)anthracene	14.44	228	38459	2.36	ng	99
82) Chrysene	14.48	228	47934	3.22	ng	99
87) Benzo(b)fluoranthene	15.67	252	52540m	3.48	ng	
89) Benzo(a)pyrene	16.02	252	33708	2.40	ng	# 96

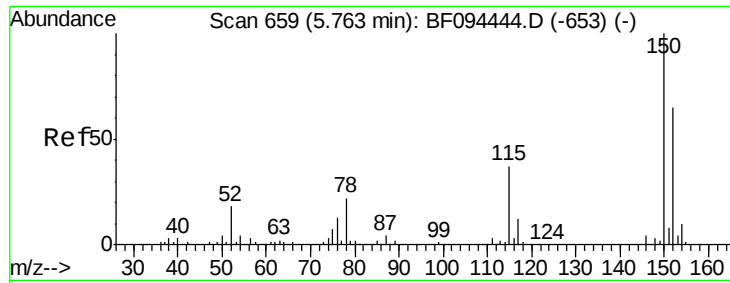
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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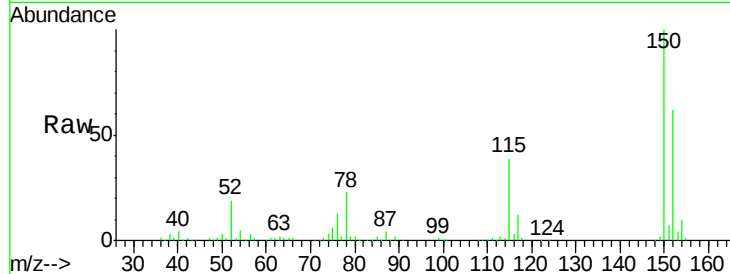


#1

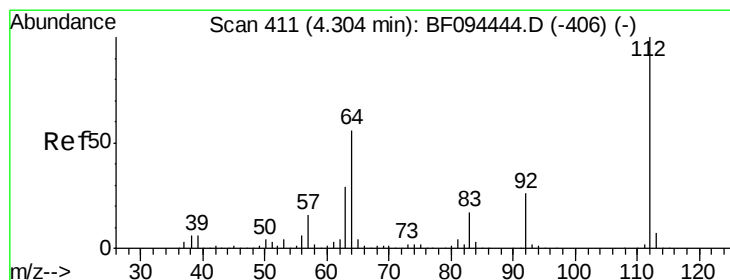
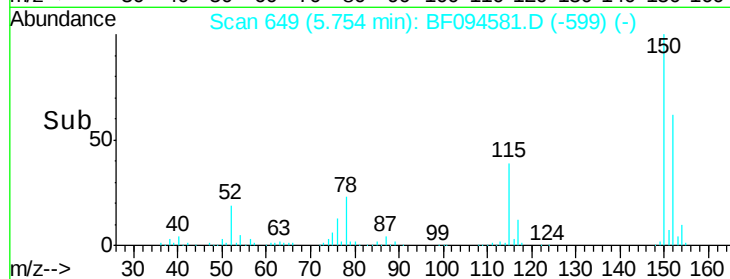
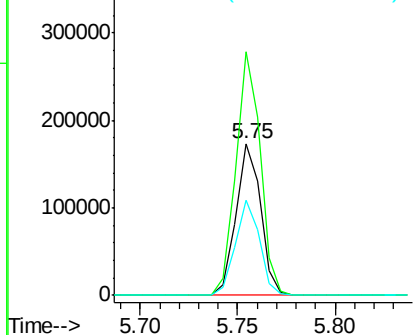
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :
BL-(3)

Tot Ion:152 Resp: 152075
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 63.1 52.2 78.2



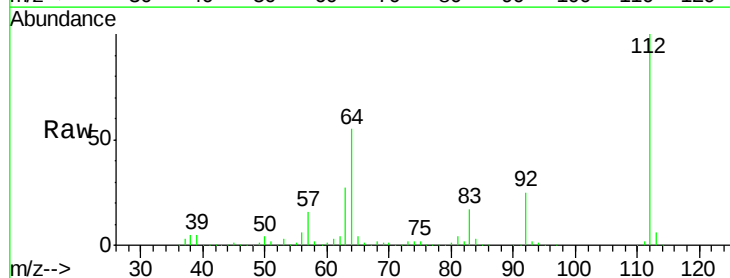
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



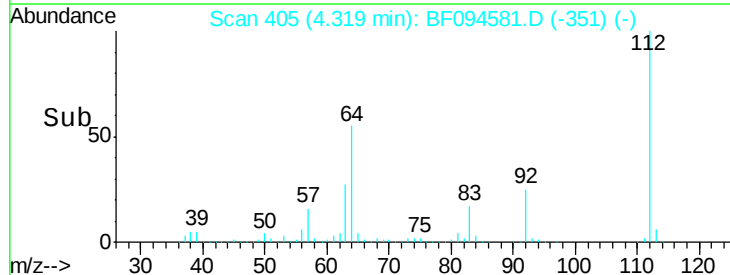
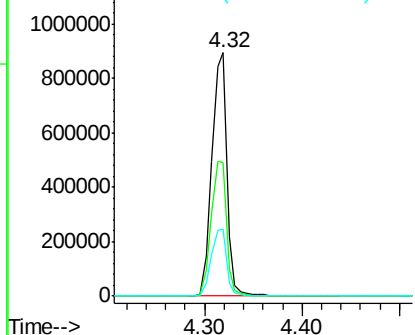
#5

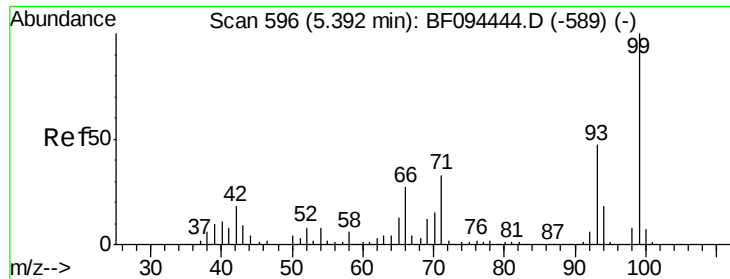
2-Fluorophenol
Concen: 104.48 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Tgt Ion:112 Resp: 957695
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 27.3 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: 110.01 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

BL-(3)

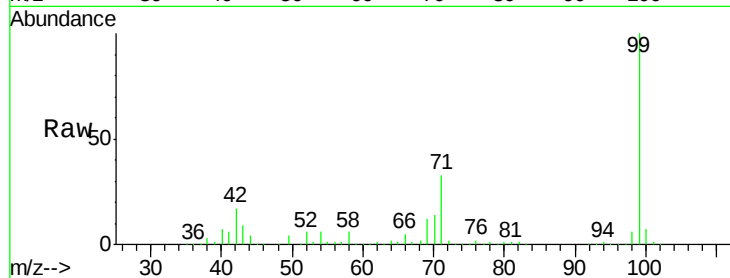
Tot Ion: 99 Resp: 1188752

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

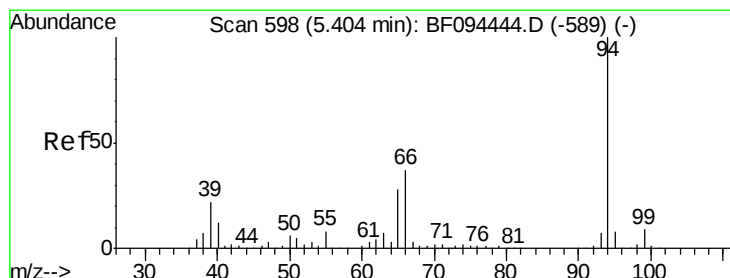
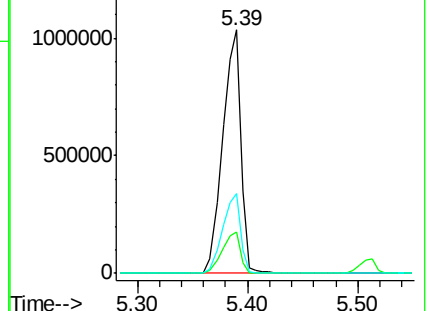
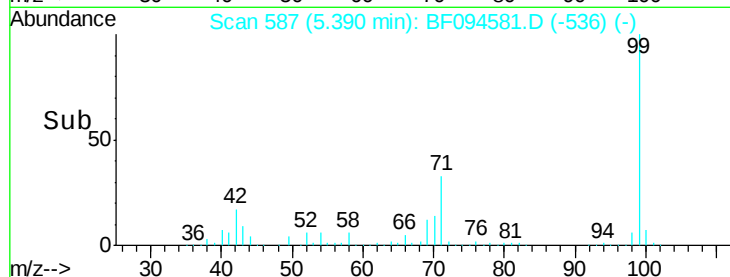
71 32.7 24.5 36.7



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



#10

Phenol

Concen: 5.67 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

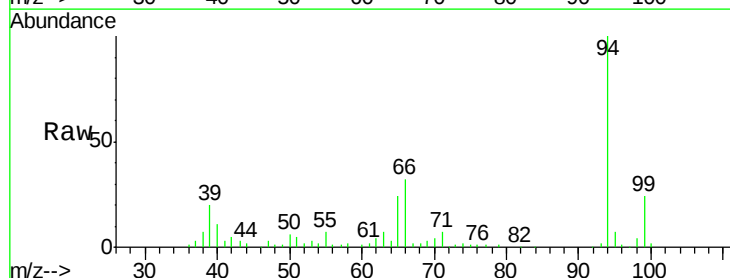
Tgt Ion: 94 Resp: 75270

Ion Ratio Lower Upper

94 100

65 23.8 9.9 49.9

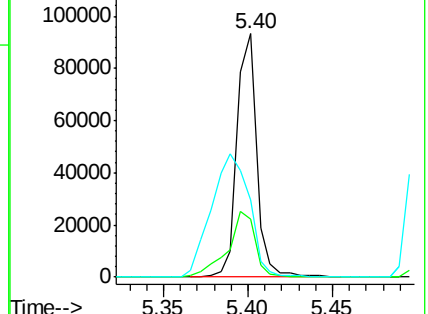
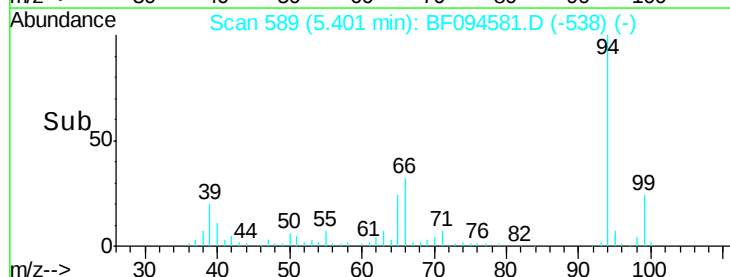
66 31.9 23.1 63.1

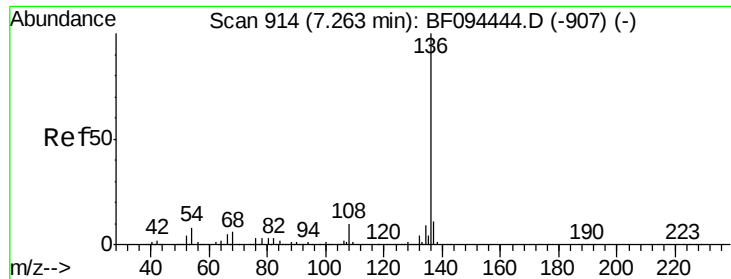


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleID :

BL-(3)

Tot Ion:136 Resp: 586564

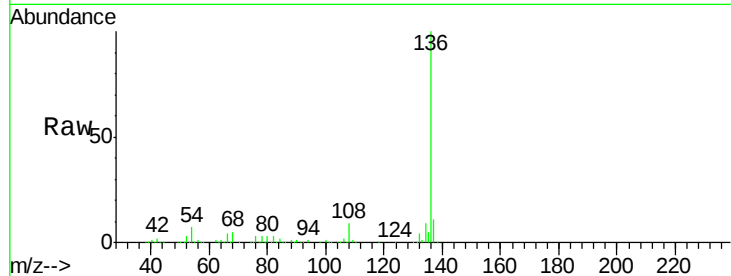
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

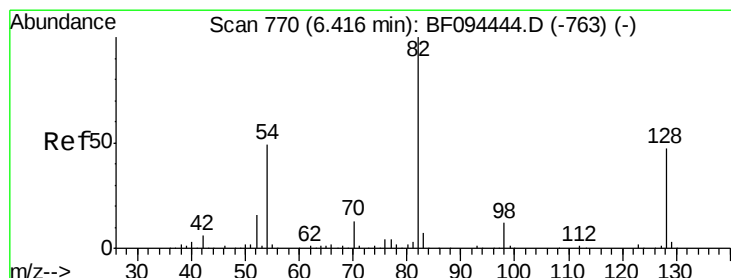
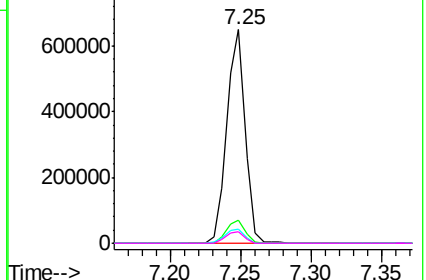
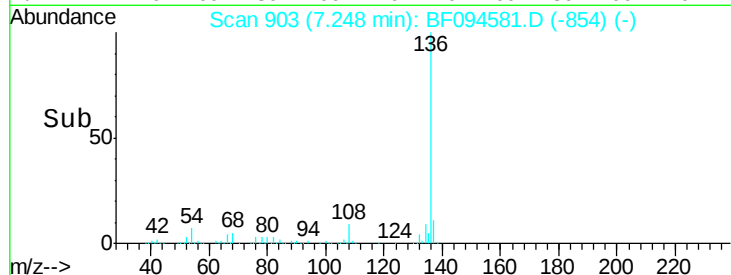


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.62 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

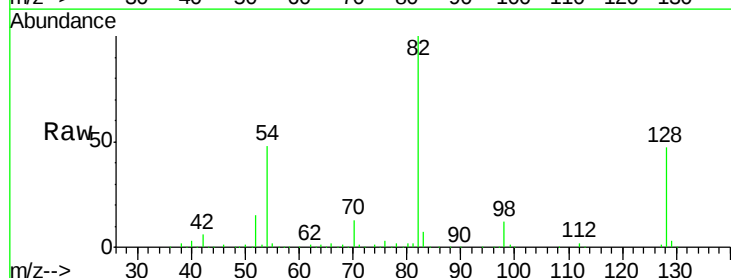
Tgt Ion: 82 Resp: 737299

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

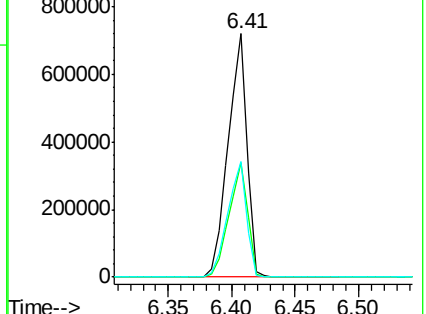
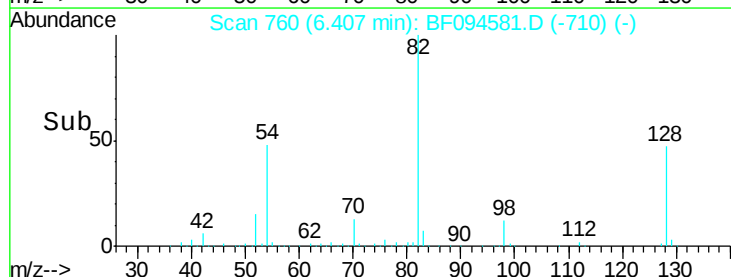
54 47.6 42.2 63.2

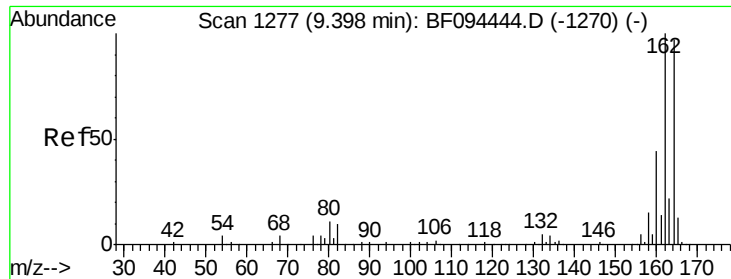


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

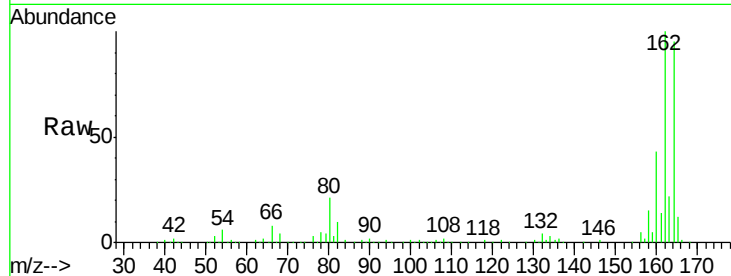




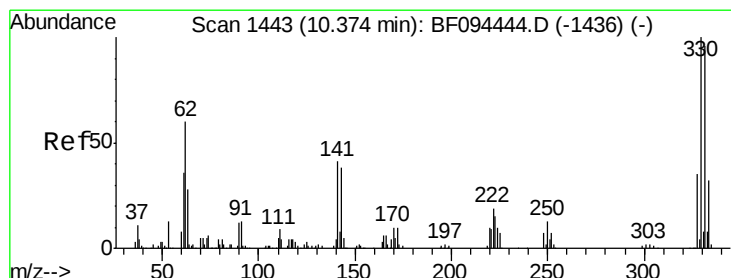
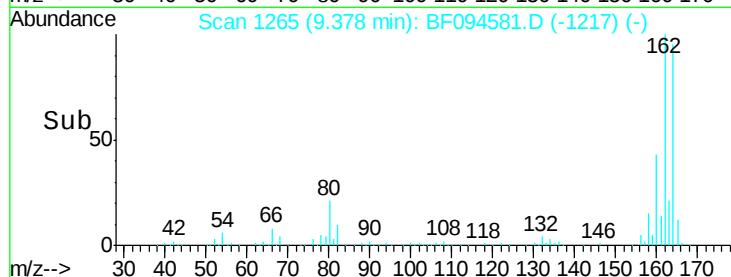
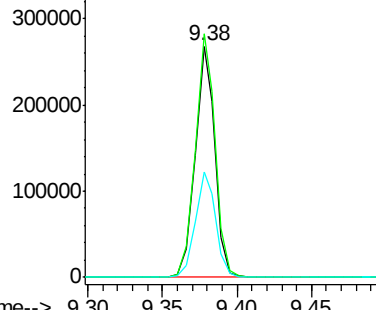
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :
BL-(3)

Tot Ion:164 Resp: 249157
Ion Ratio Lower Upper
164 100
162 105.4 82.6 123.8
160 45.6 36.2 54.2

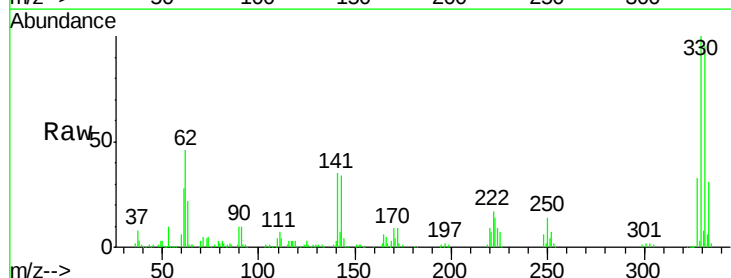


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

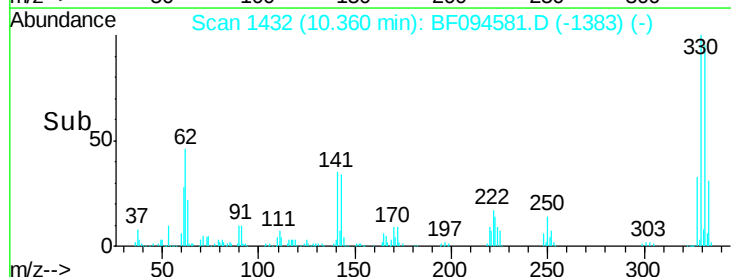
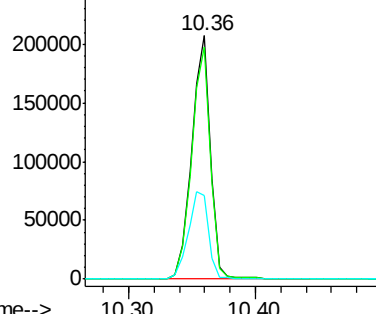


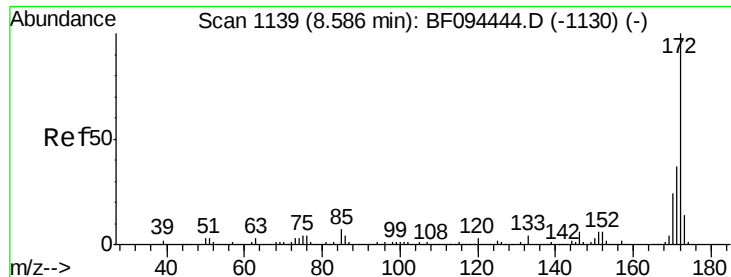
#41
2,4,6-Tribromophenol
Concen: 109.45 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Tgt Ion:330 Resp: 213306
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 39.6 31.4 47.2



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

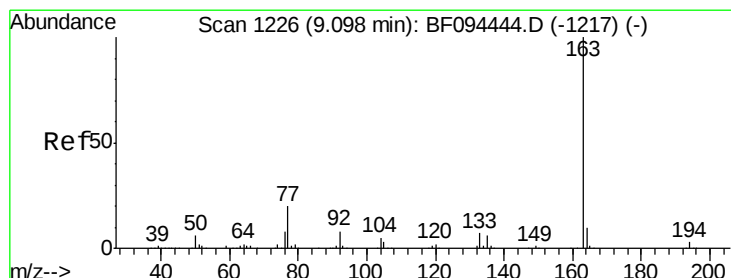
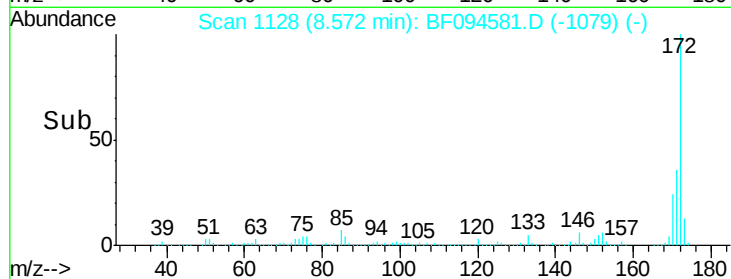
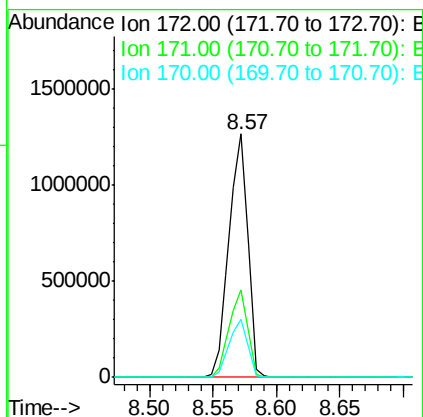
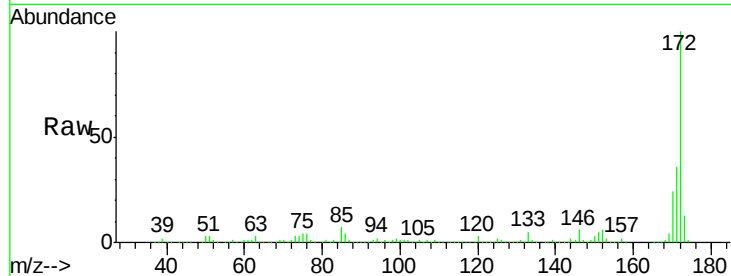




#44
2-Fluorobiphenyl
Concen: 77.28 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

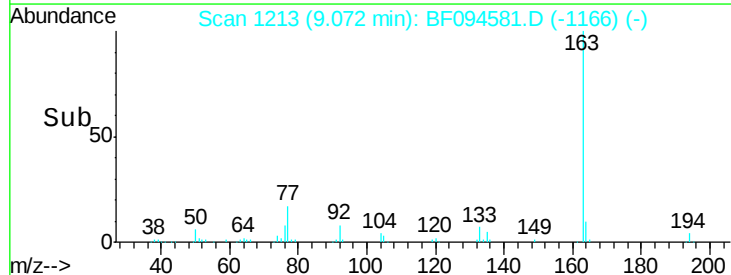
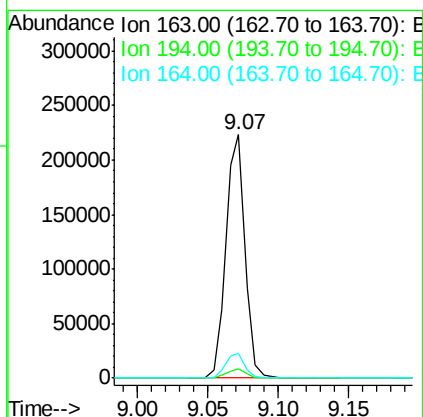
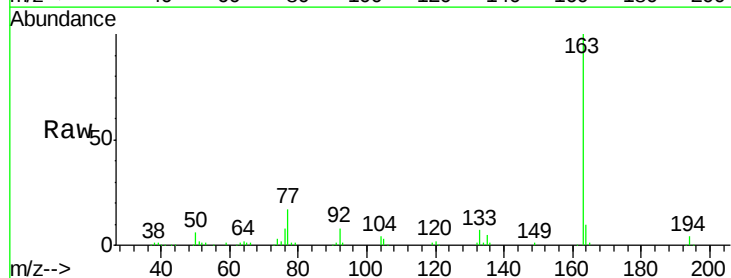
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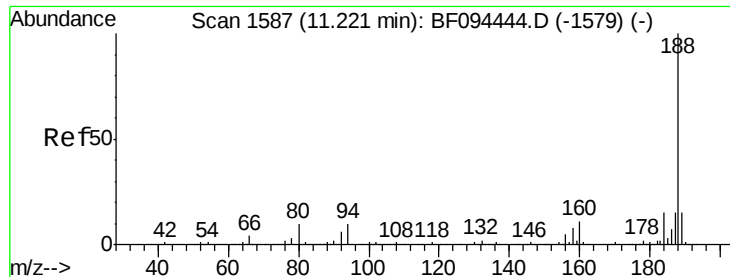
Tot Ion:172 Resp: 1308741
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 11.28 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Tgt Ion:163 Resp: 209398
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.2 8.4 12.6

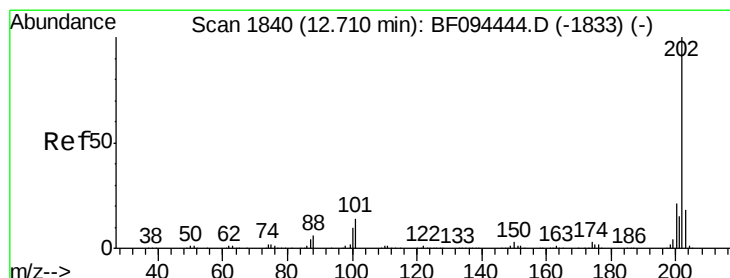
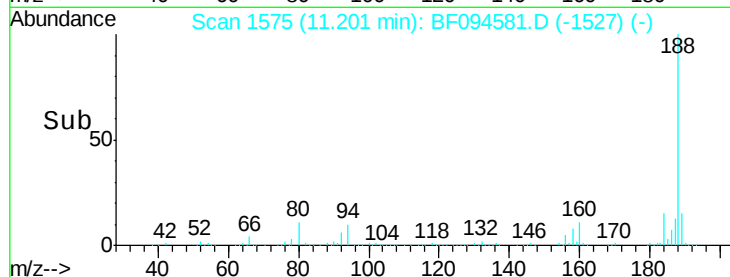
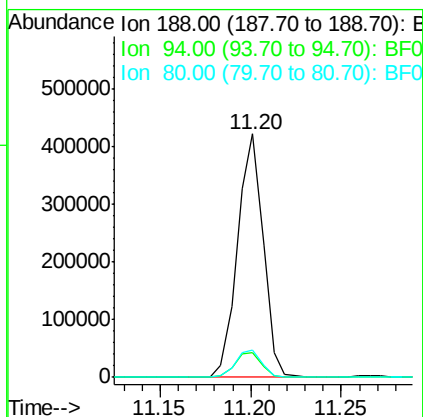
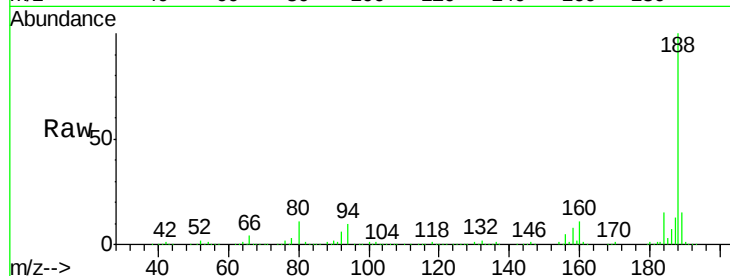




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094581.D
 Acq: 24 Apr 2017 13:21

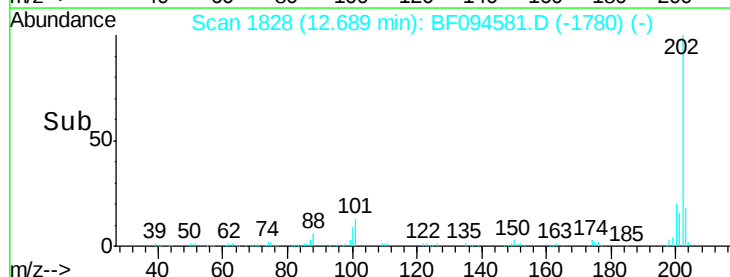
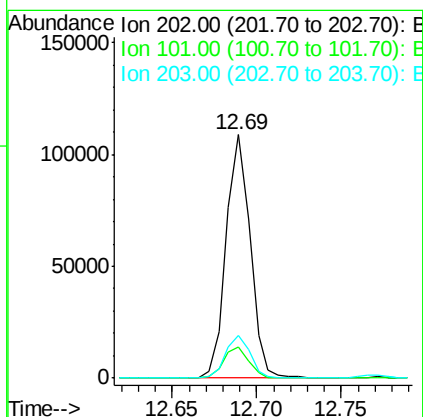
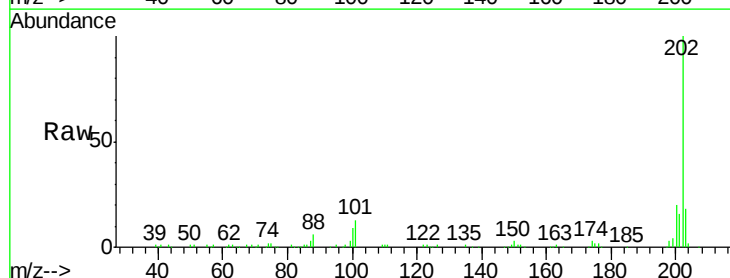
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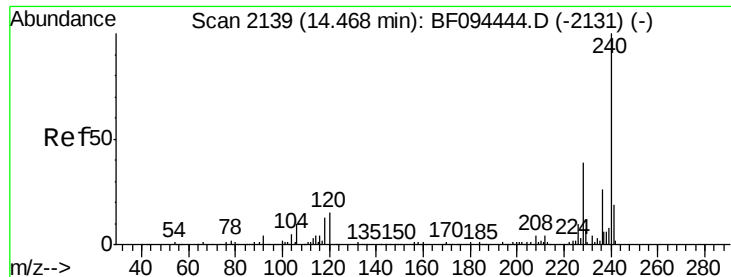
Tot Ion:188 Resp: 416047
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.2 10.2 15.2



#74
 Fluoranthene
 Concen: 4.46 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF094581.D
 Acq: 24 Apr 2017 13:21

Tgt Ion:202 Resp: 108210
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 33.2
 203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

Instrument :

BNA_F

ClientSampleId :

BL-(3)

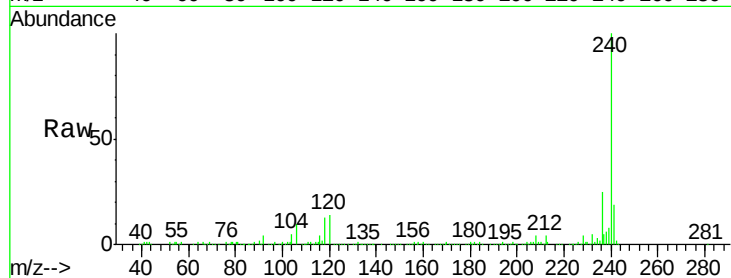
Tot Ion:240 Resp: 280566

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

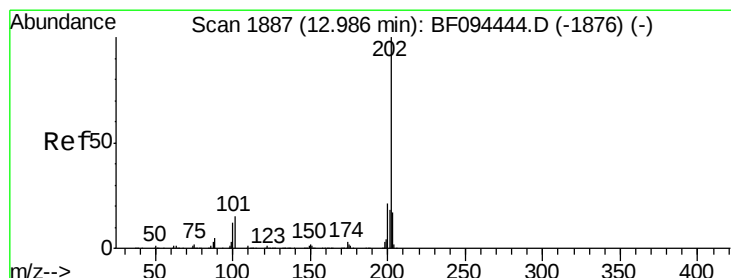
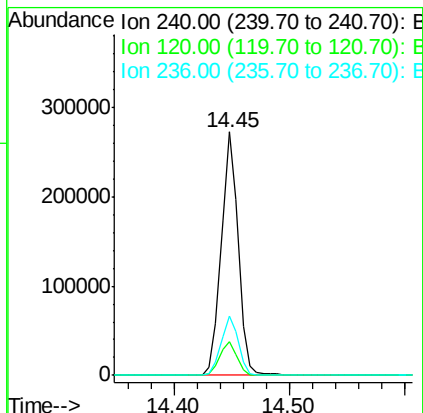
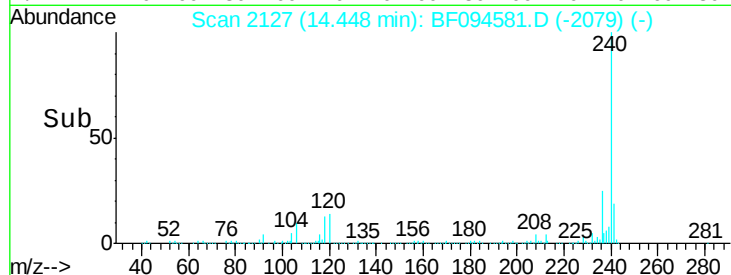
236 24.5 20.5 30.7



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: 4.86 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094581.D

Acq: 24 Apr 2017 13:21

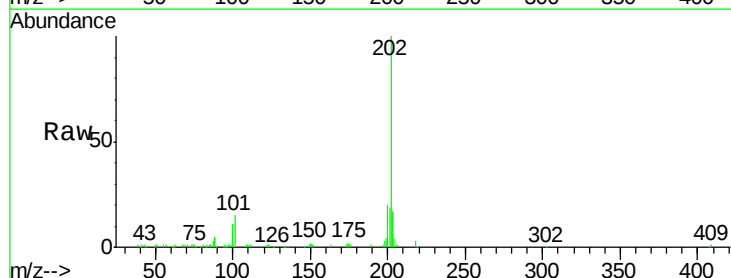
Tgt Ion:202 Resp: 95214

Ion Ratio Lower Upper

202 100

200 19.6 17.6 26.4

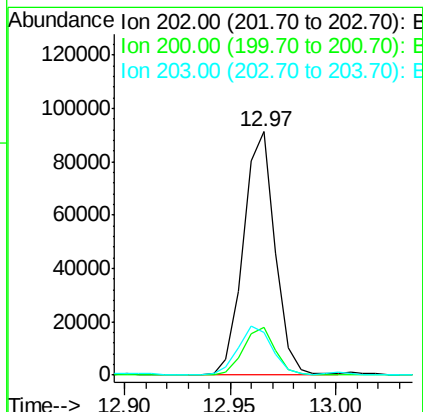
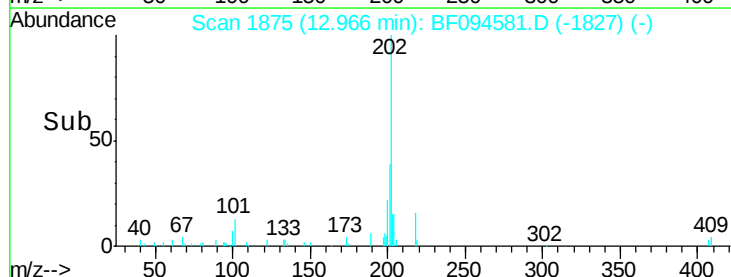
203 17.4 14.4 21.6

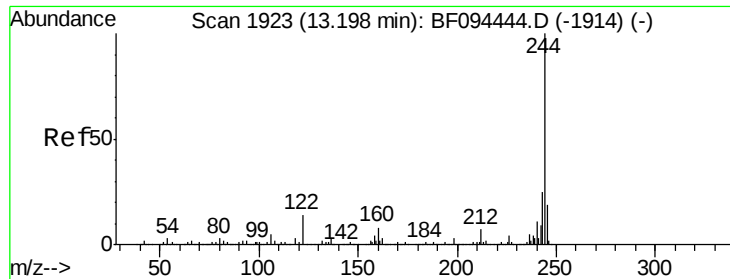


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

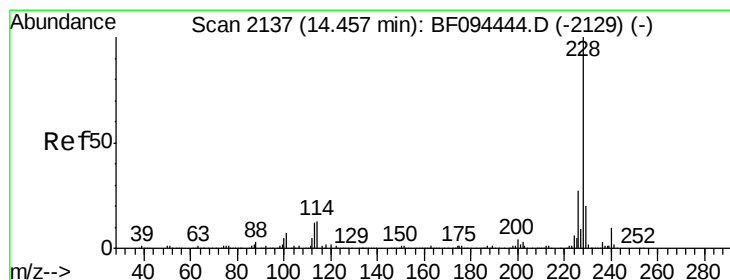
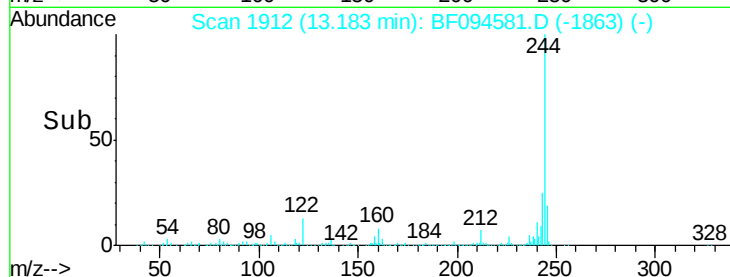
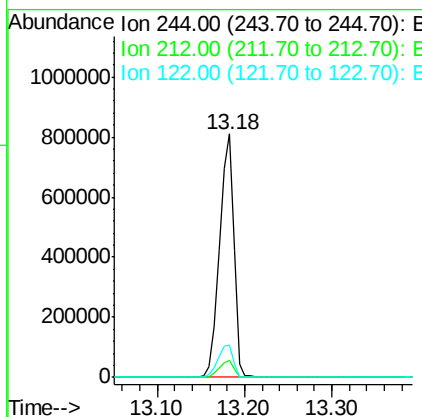
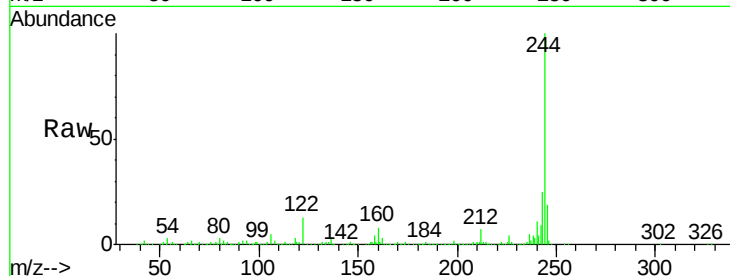




#78
 Terphenyl-d14
 Concen: 88.62 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094581.D
 Acq: 24 Apr 2017 13:21

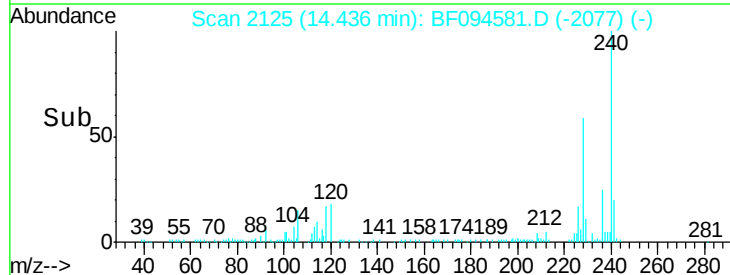
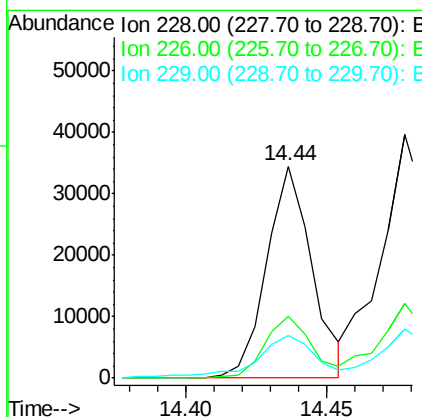
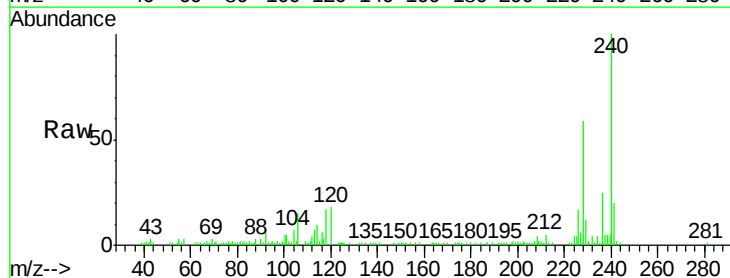
Instrument :
 BNA_F
 ClientSampled :
 BL-(3)

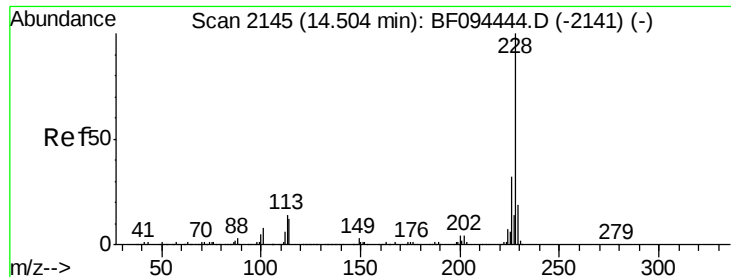
Tot Ion:244 Resp: 930234
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.5 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 2.36 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BF094581.D
 Acq: 24 Apr 2017 13:21

Tgt Ion:228 Resp: 38459
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.6 33.8
 229 20.3 16.3 24.5

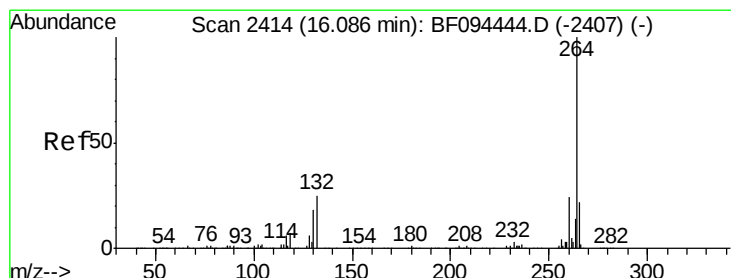
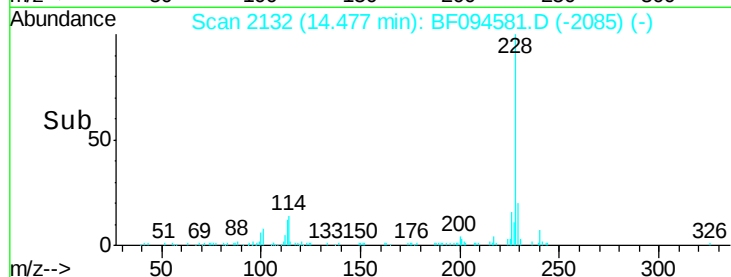
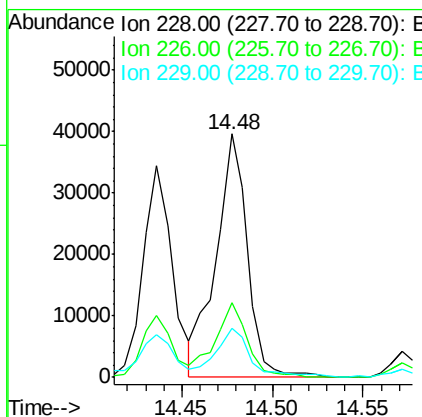
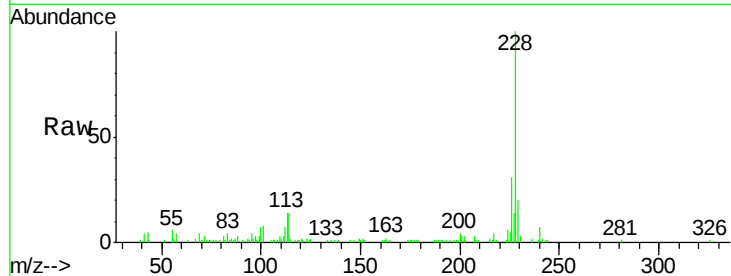




#82
Chrysene
Concen: 3.22 ng
RT: 14.48 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

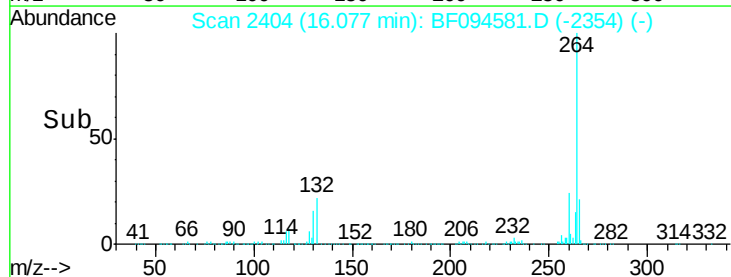
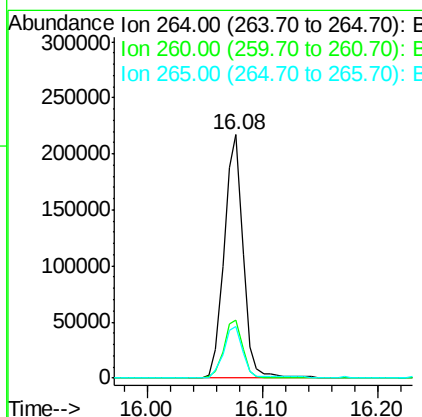
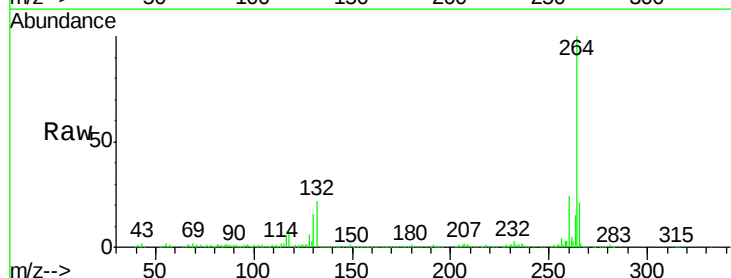
Instrument :
BNA_F
ClientSampled :
BL-(3)

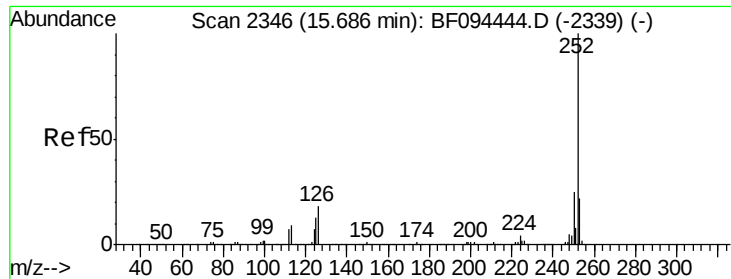
Tot Ion:228 Resp: 47934
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 19.9 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Tgt Ion:264 Resp: 246808
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.4 17.2 25.8

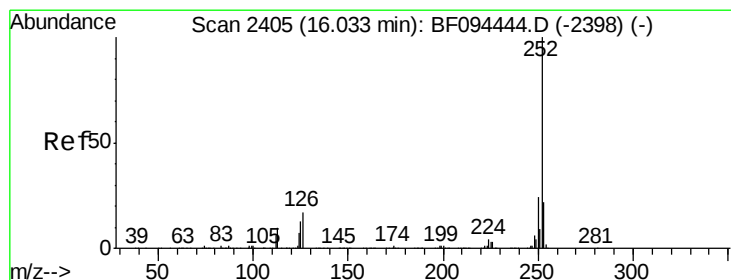
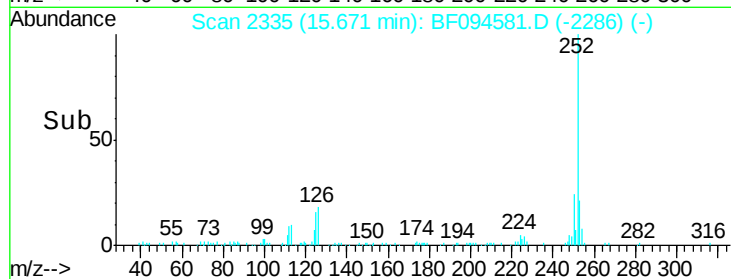
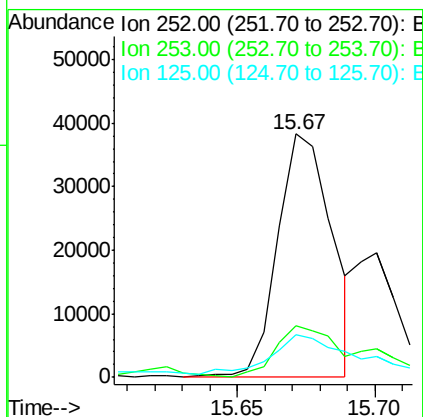
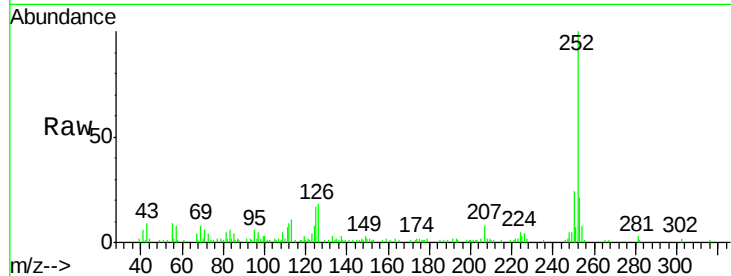




#87
Benzo(b)fluoranthene
Concen: 3.48 ng/mL
RT: 15.67 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Instrument :
BNA_F
ClientSampleId :
BL-(3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	17.3	9.8	14.8



#89
Benzo(a)pyrene
Concen: 2.40 ng/mL
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094581.D
Acq: 24 Apr 2017 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	16.8	11.0	16.4

