

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094616.D
 Acq On : 25 Apr 2017 20:13
 Operator : SJ/MA
 Sample : I2832-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:27:19 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

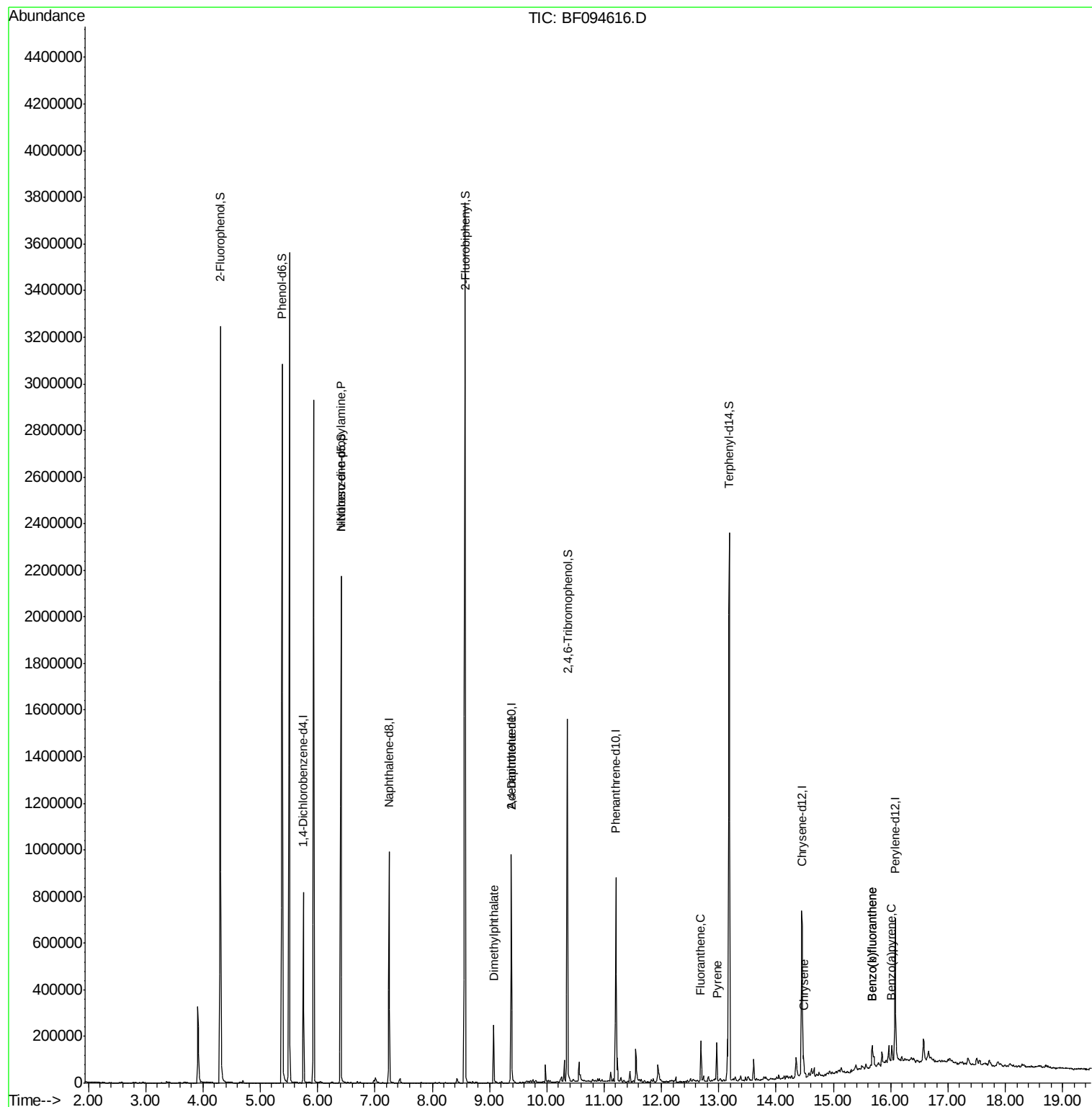
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	128211	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	514762	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	218270	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	343694	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	273041	20.00	ng	-0.02
86) Perylene-d12	16.08	264	236168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1056707	136.74	ng	0.00
7) Phenol-d6	5.38	99	1329332	145.91	ng	0.00
23) Nitrobenzene-d5	6.41	82	800330	96.00	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	217192	127.22	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1316165	88.72	ng	-0.01
78) Terphenyl-d14	13.18	244	834550	81.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.41	70	104836	17.37	ng	# 76
49) Dimethylphthalate	9.07	163	115123	7.08	ng	98
56) 2,4-Dinitrotoluene	9.38	165	27939	6.24	ng	# 33
74) Fluoranthene	12.69	202	73469	3.66	ng	97
77) Pyrene	12.97	202	64582	3.39	ng	97
82) Chrysene	14.48	228	32874	2.27	ng	94
87) Benzo(b)fluoranthene	15.68	252	58845	4.07	ng	# 96
88) Benzo(k)fluoranthene	15.68	252	58845	4.30	ng	97
89) Benzo(a)pyrene	16.02	252	29172	2.17	ng	# 93

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094616.D
Acq On : 25 Apr 2017 20:13
Operator : SJ/MA
Sample : I2832-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 26 01:27:19 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



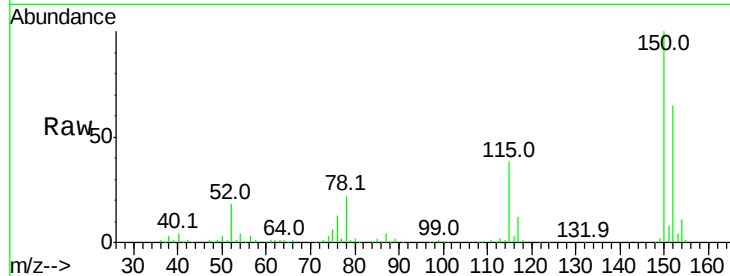


#1

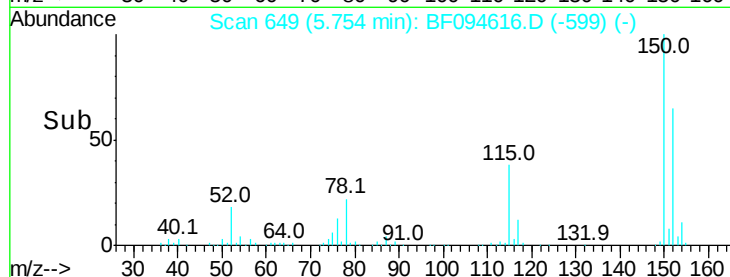
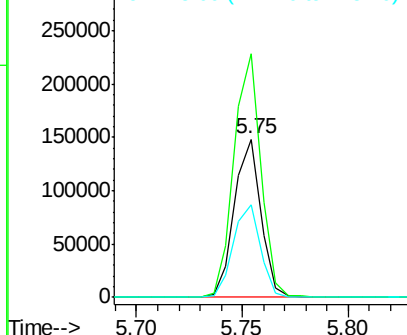
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128211
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 58.2 52.2 78.2



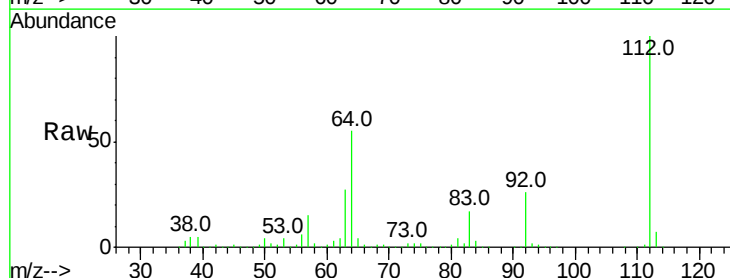
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



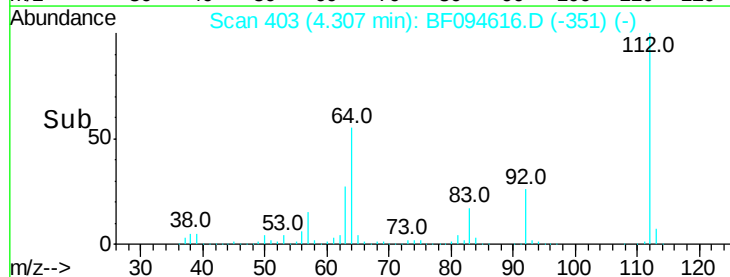
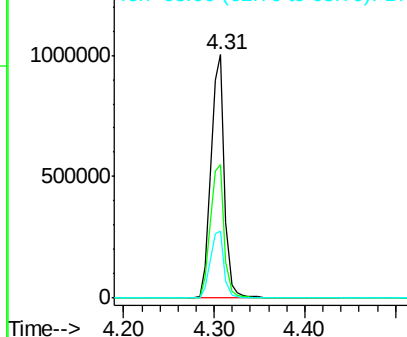
#5

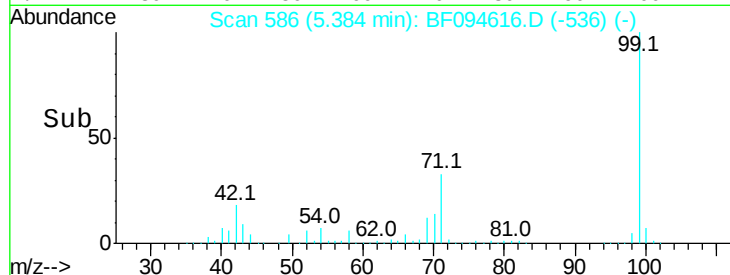
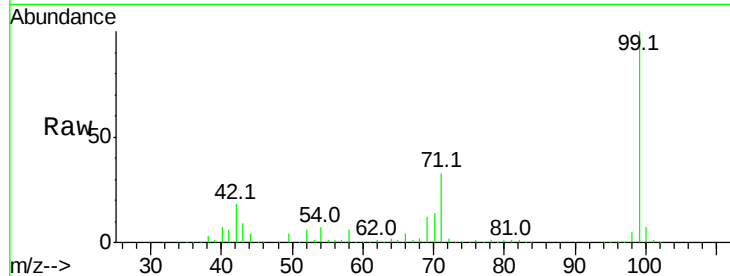
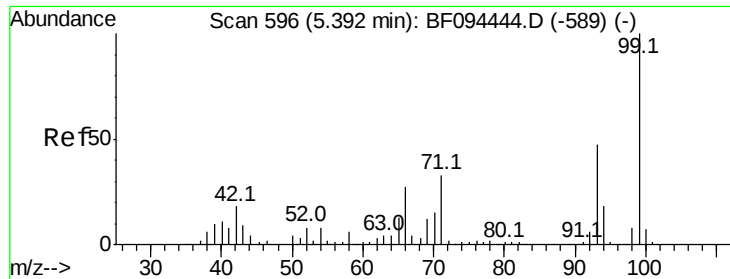
2-Fluorophenol
Concen: 136.74 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion:112 Resp: 1056707
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 27.5 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: 145.91 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

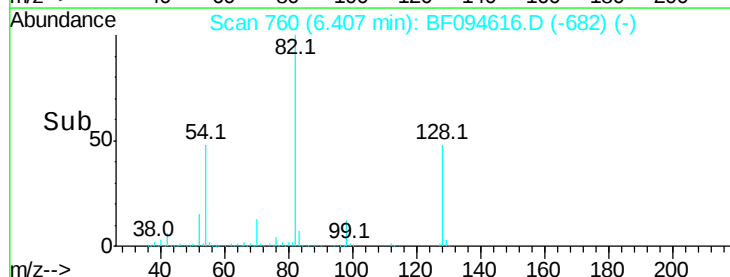
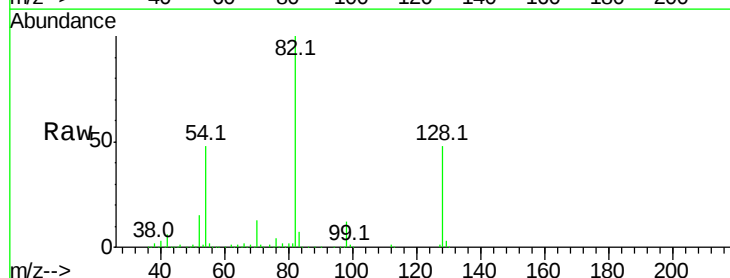
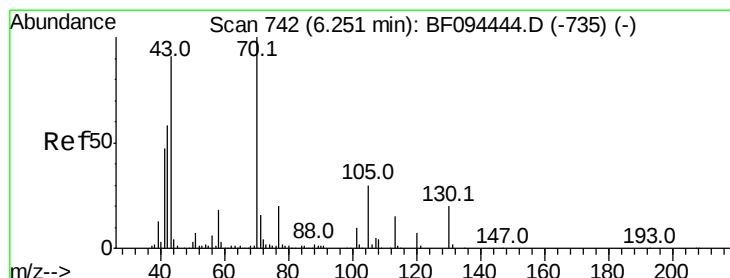
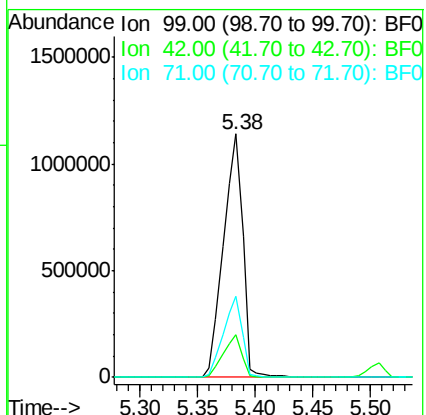
Tot Ion: 99 Resp: 1329332

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.37 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Tgt Ion: 70 Resp: 104836

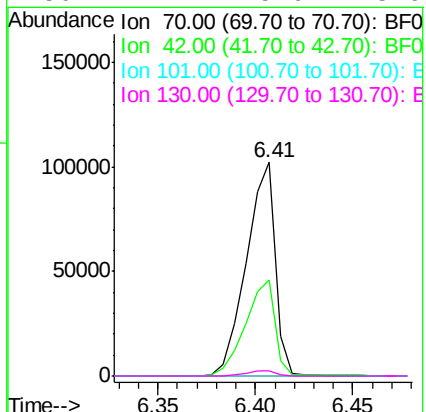
Ion Ratio Lower Upper

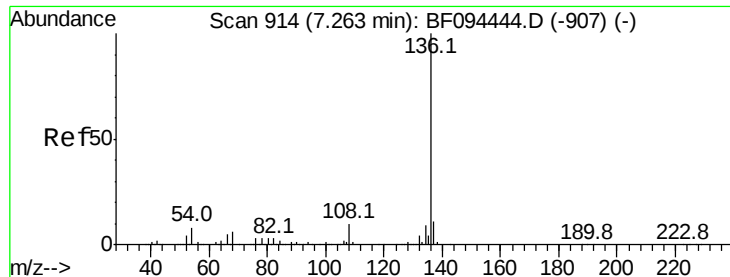
70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

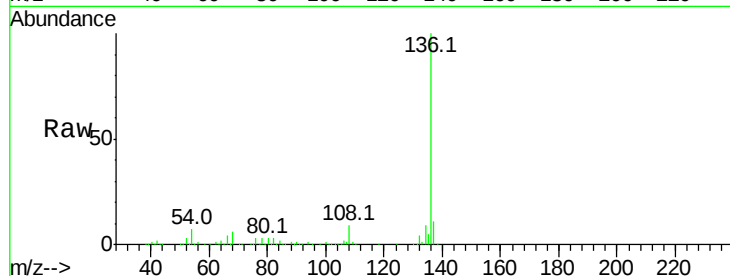
Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	514762
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.6	4.9 7.3
68	5.6	4.1 6.1

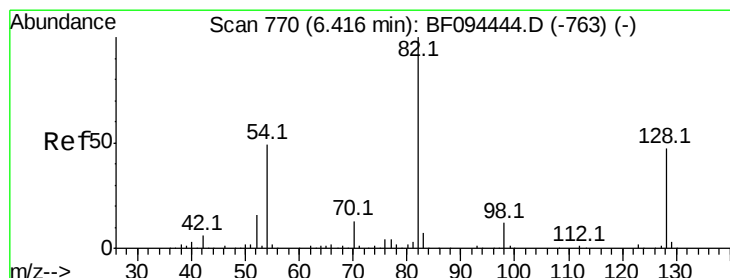
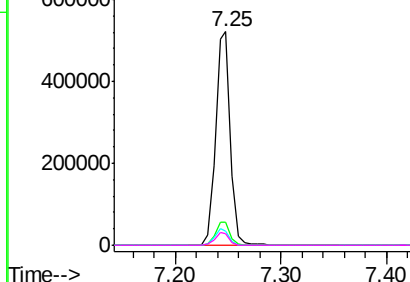
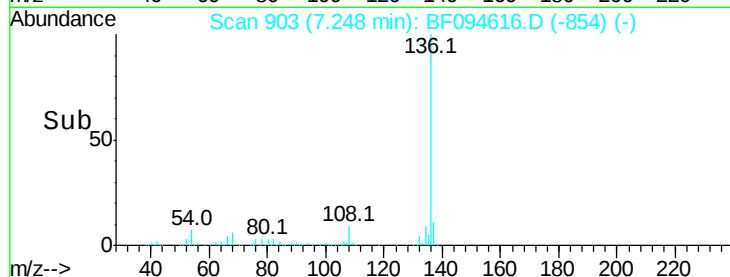


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.00 ng

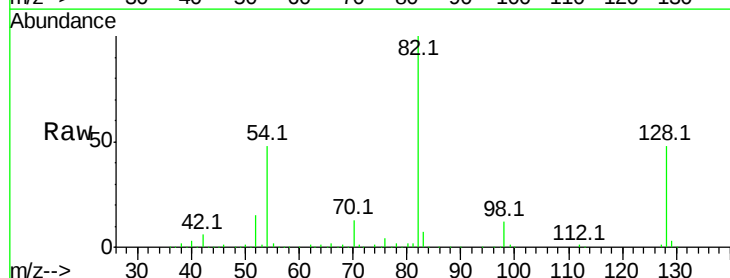
RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

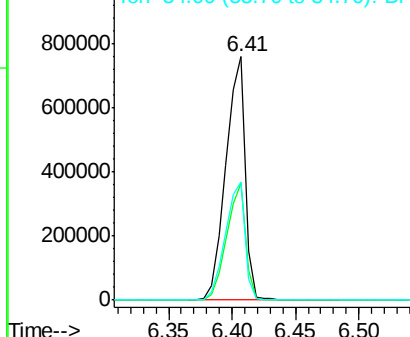
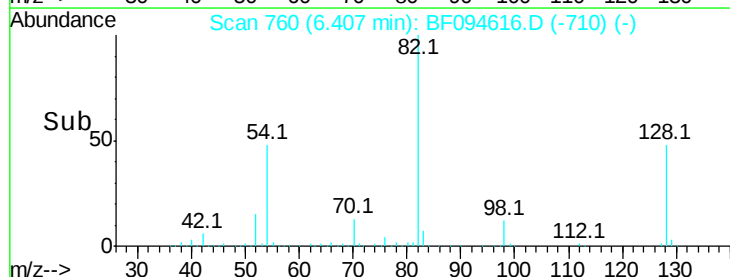
Tgt Ion: 82	Resp:	800330
Ion Ratio	Lower	Upper
82	100	
128	47.8	34.0 51.0
54	48.5	42.2 63.2



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: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

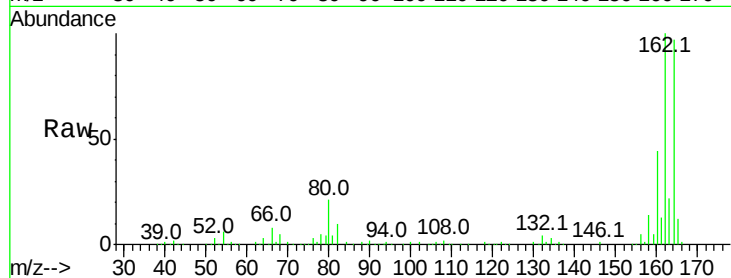
Tot Ion:164 Resp: 218270

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

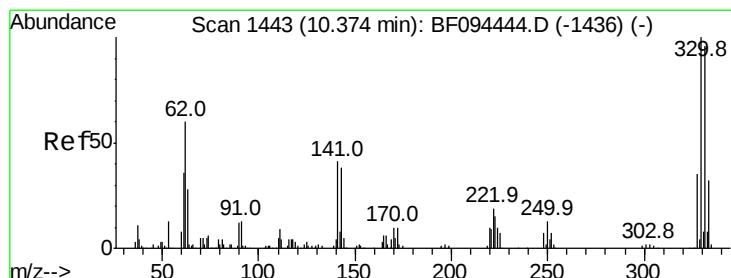
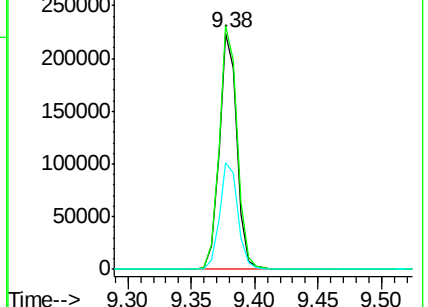
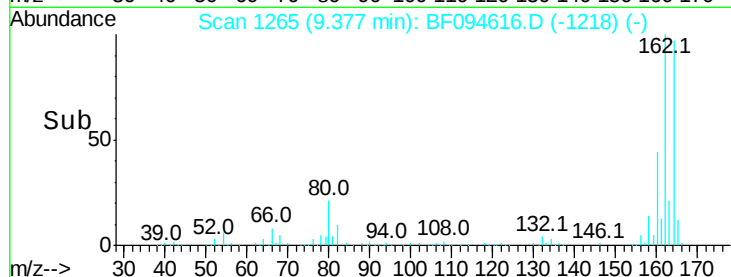
160 45.0 36.2 54.2



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: 127.22 ng

RT: 10.36 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

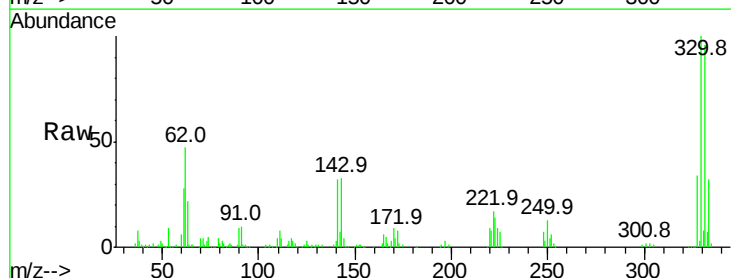
Tgt Ion:330 Resp: 217192

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

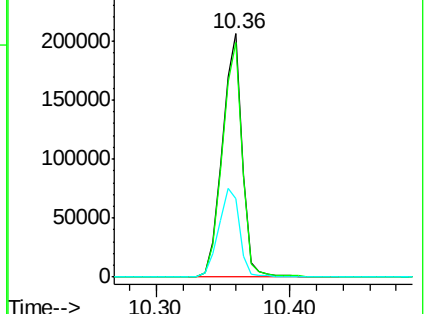
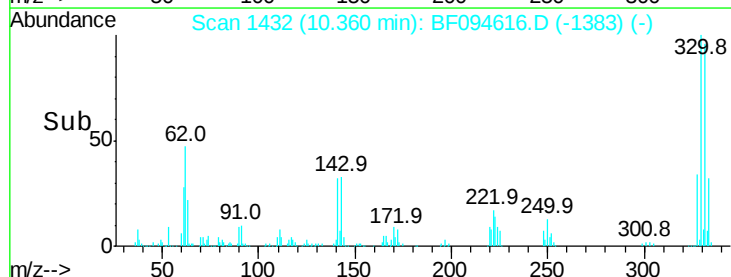
141 39.1 31.4 47.2

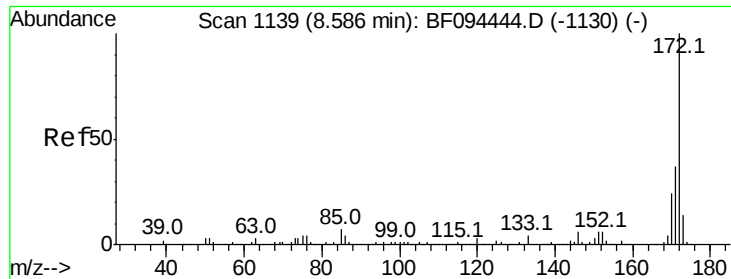


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

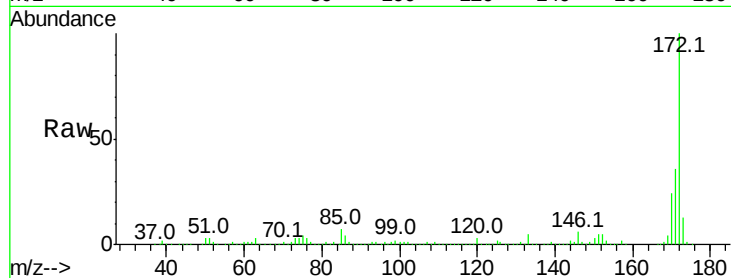




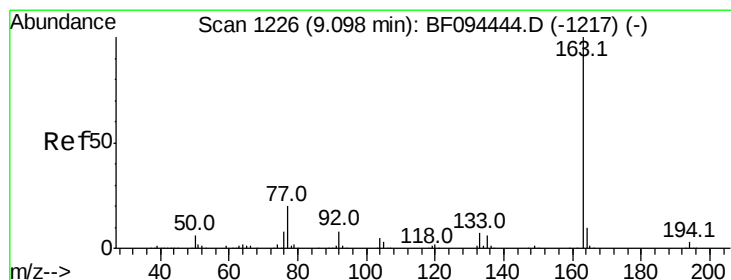
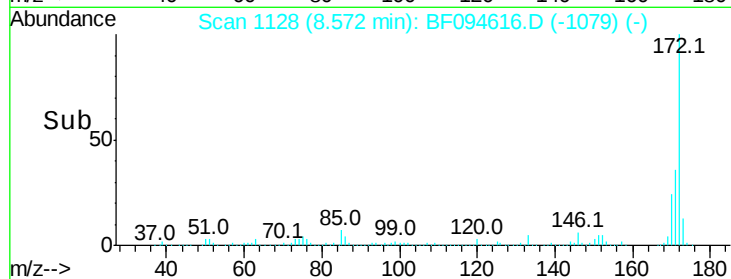
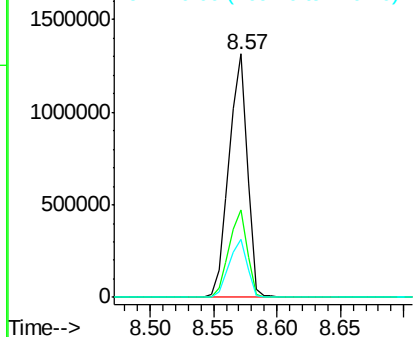
#44
2-Fluorobiphenyl
Concen: 88.72 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1316165
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.8 29.8

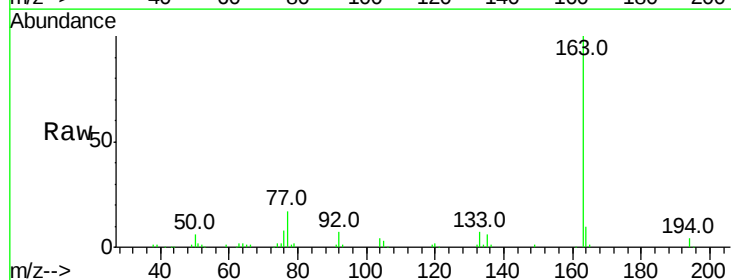


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

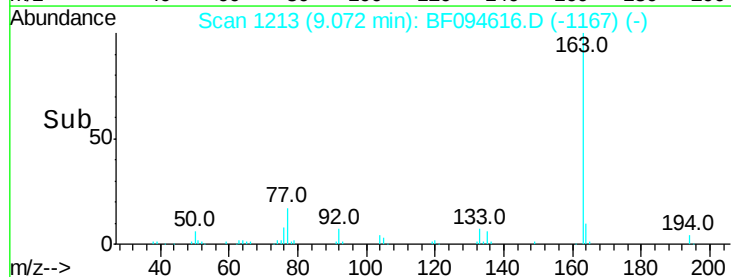
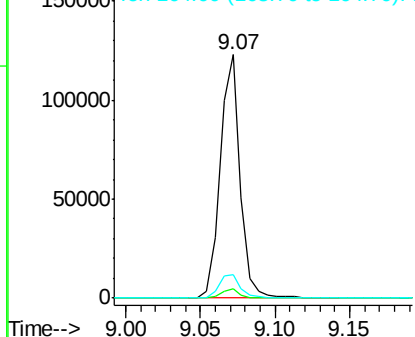


#49
Dimethylphthalate
Concen: 7.08 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion:163 Resp: 115123
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 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

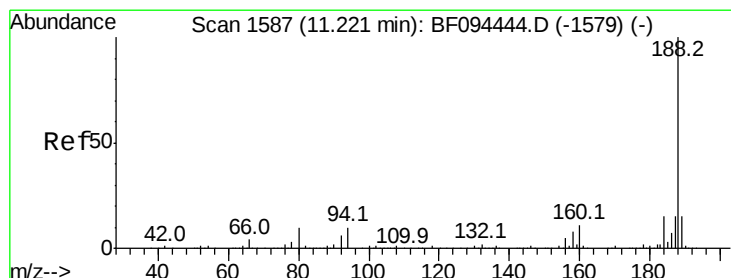
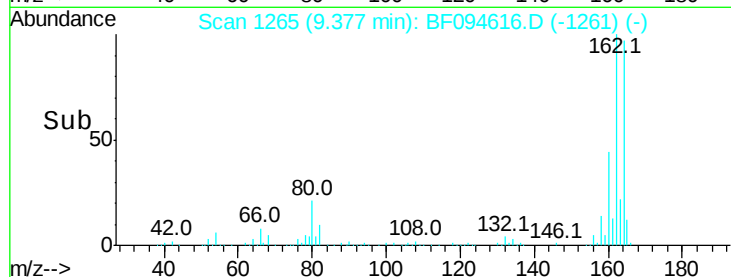
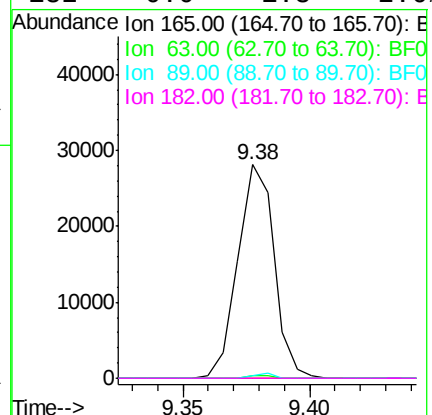
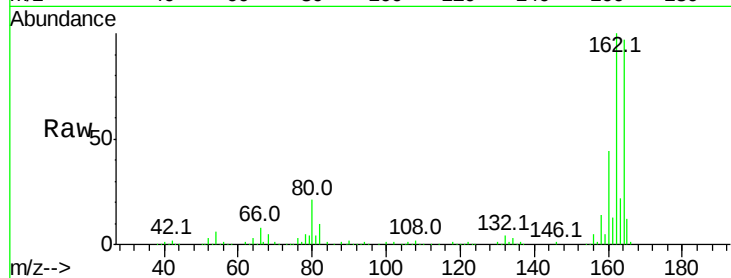




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.28 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

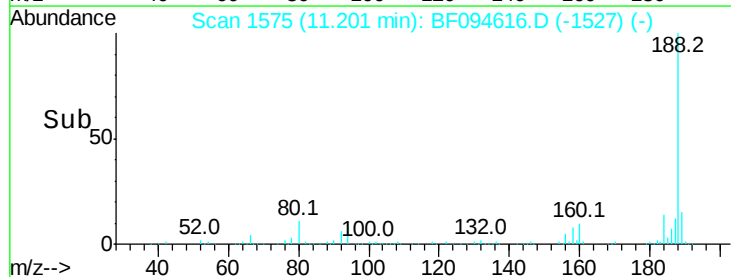
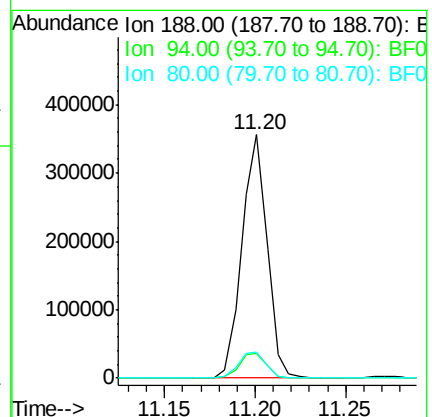
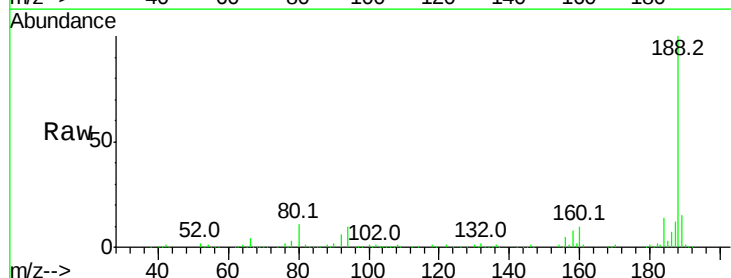
Instrument :
 BNA_F
 ClientSampleId :

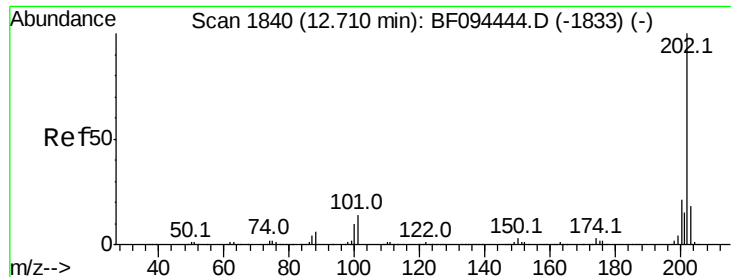
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.7	10.2	15.2

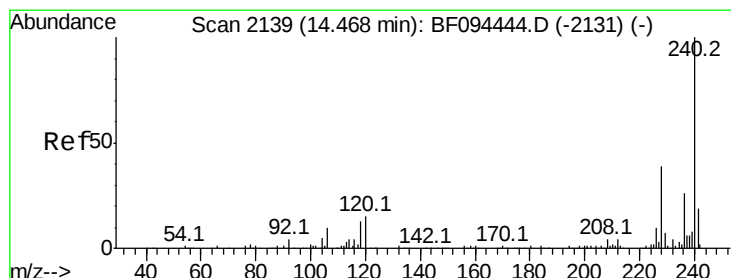
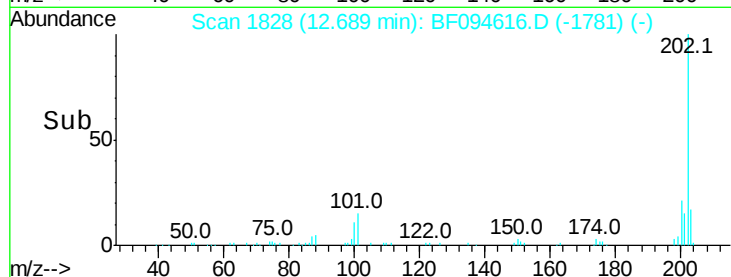
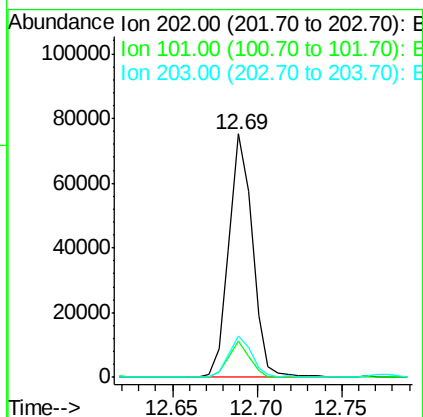
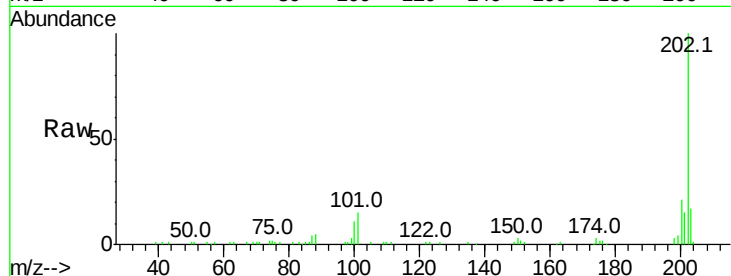




#74
 Fluoranthene
 Concen: 3.66 ng
 RT: 12.69 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

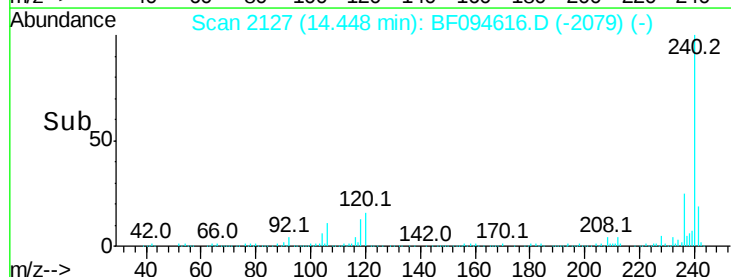
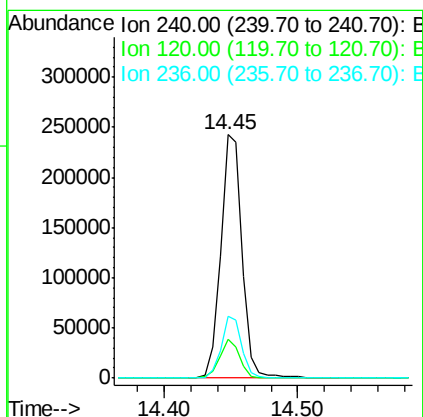
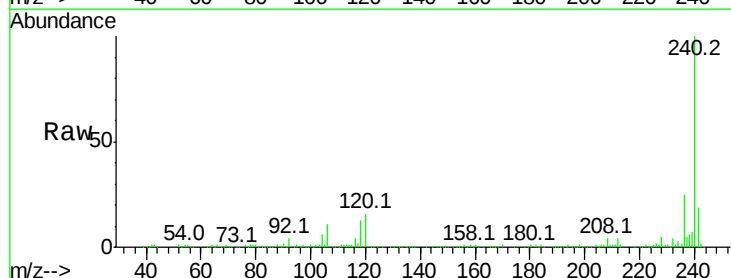
Instrument :
 BNA_F
 ClientSampleId :

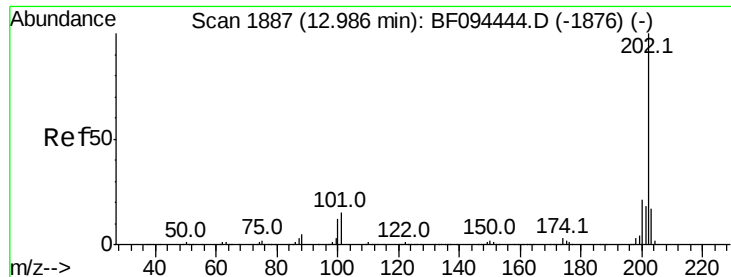
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	33.2
203	17.1	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094616.D
 Acq: 25 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.3	20.5	30.7





#77

Pvrene

Concen: 3.39 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

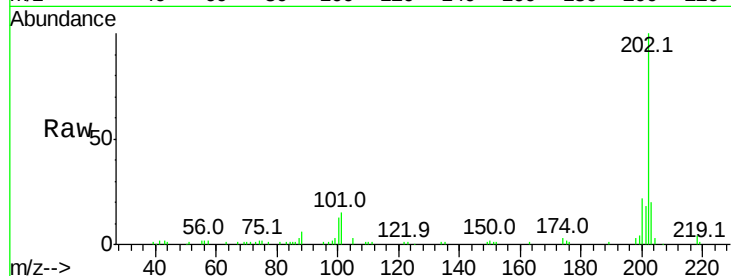
Tot Ion:202 Resp: 64582

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

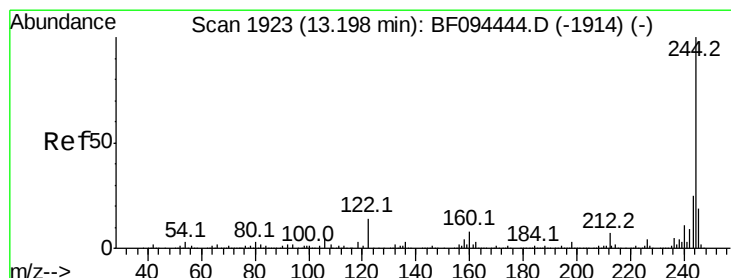
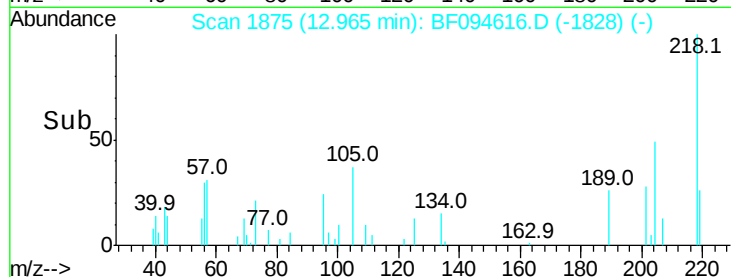
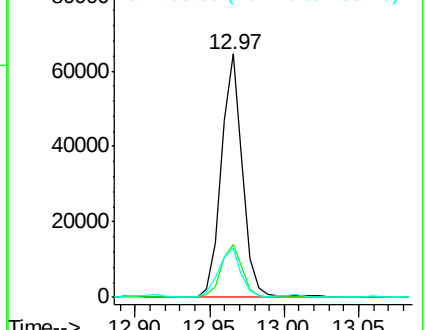
203 20.1 14.4 21.6



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: 81.70 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

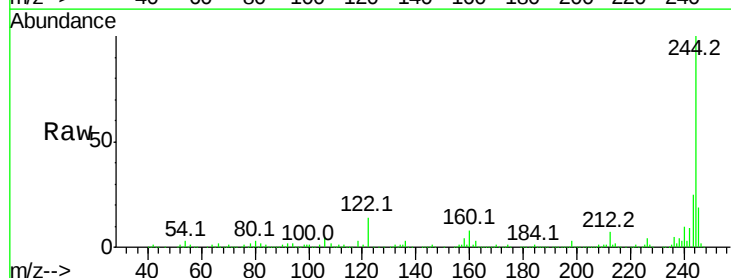
Tgt Ion:244 Resp: 834550

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

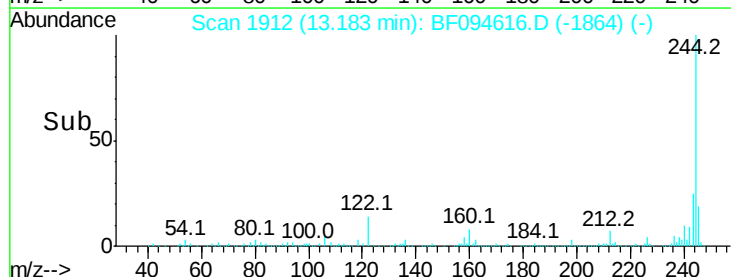
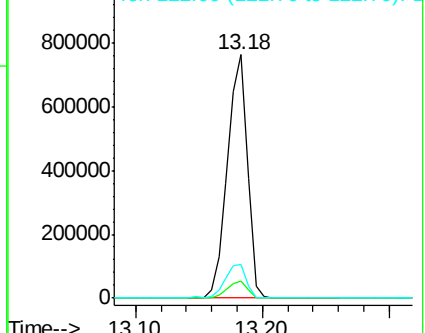
122 13.7 10.3 15.5

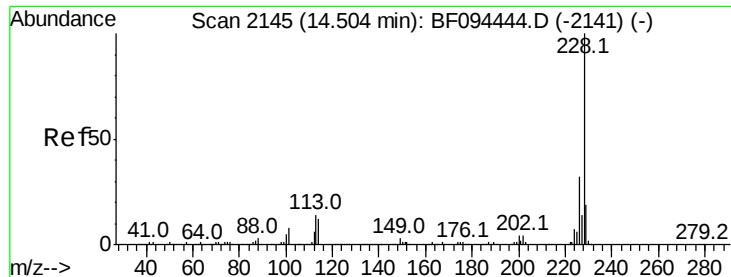


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

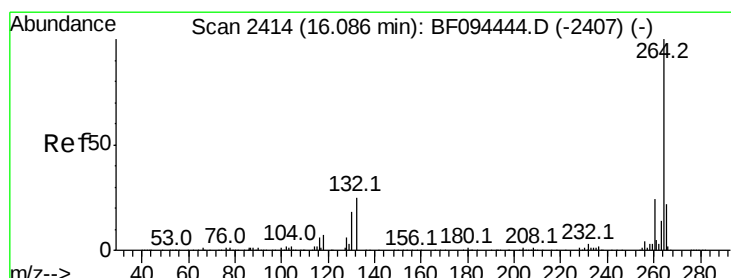
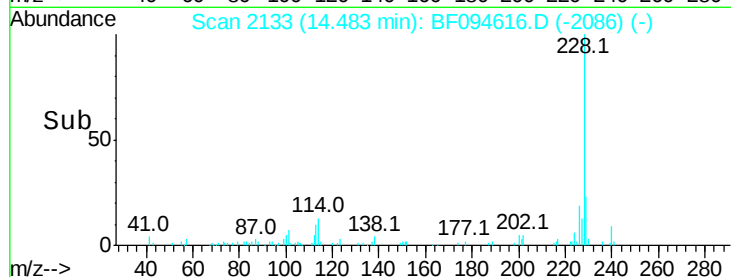
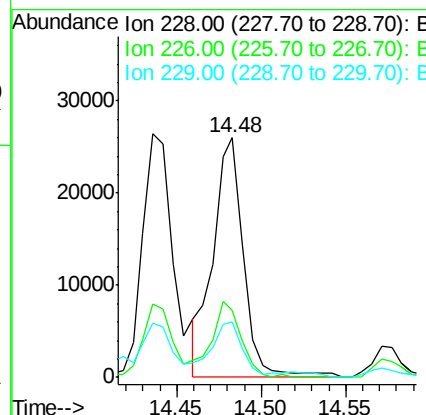
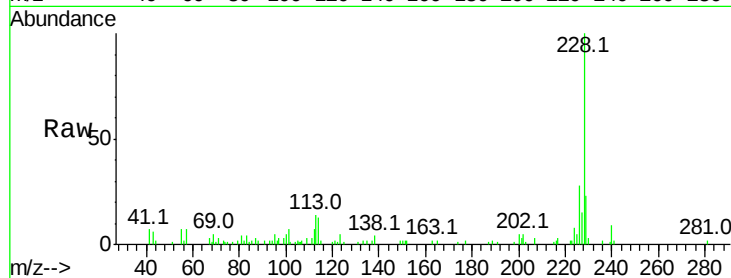




#82
Chrysene
Concen: 2.27 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

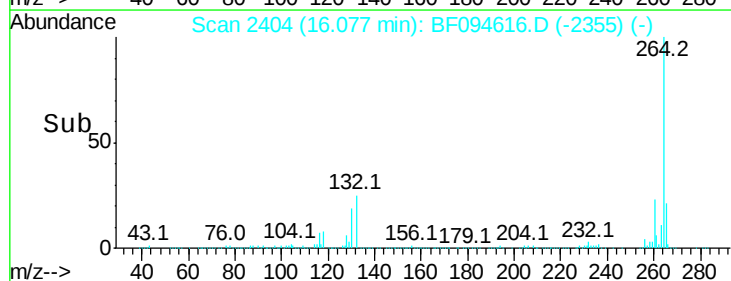
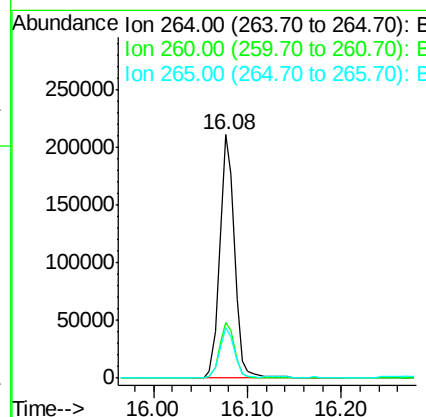
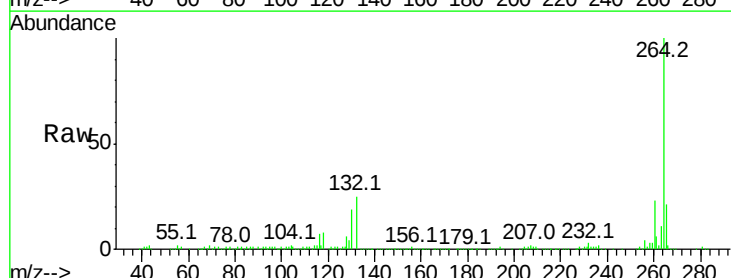
Instrument :
BNA_F
ClientSampleId :

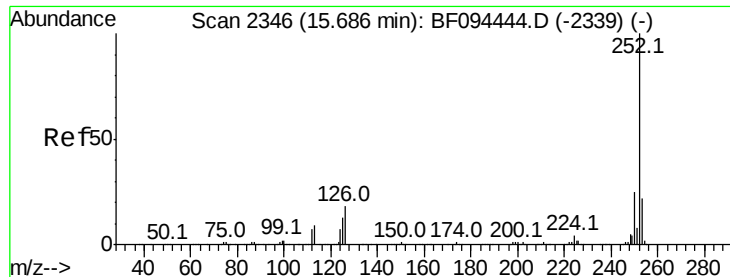
Tot Ion:228 Resp: 32874
Ion Ratio Lower Upper
228 100
226 28.1 24.9 37.3
229 22.9 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094616.D
Acq: 25 Apr 2017 20:13

Tgt Ion:264 Resp: 236168
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 20.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 4.07 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

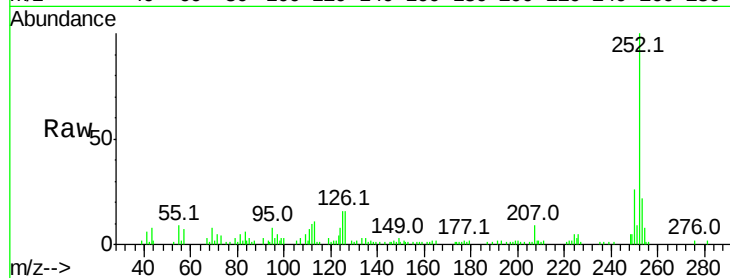
Tot Ion:252 Resp: 58845

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

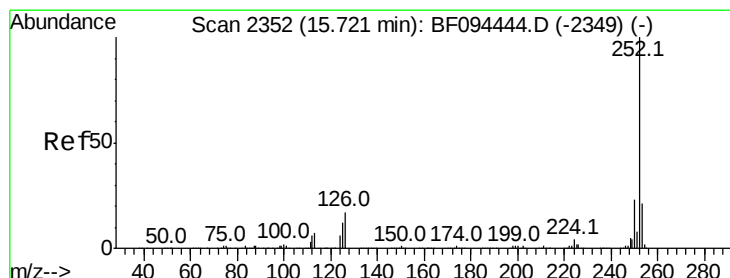
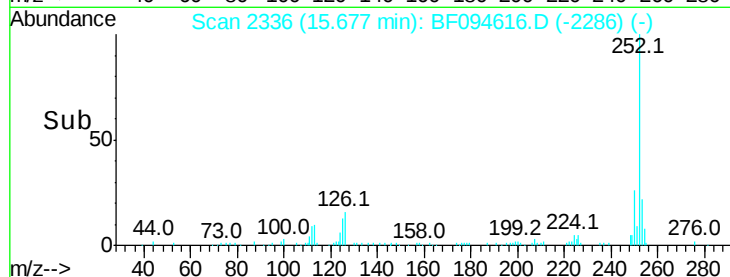
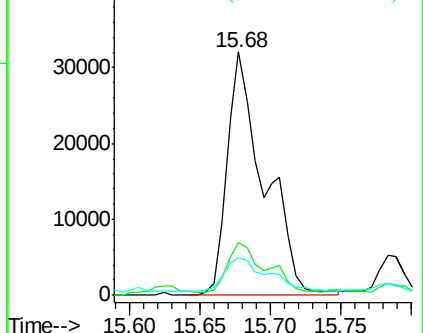
125 15.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.30 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.04 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

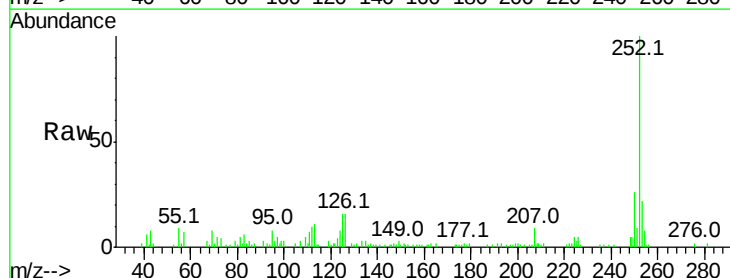
Tgt Ion:252 Resp: 58845

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

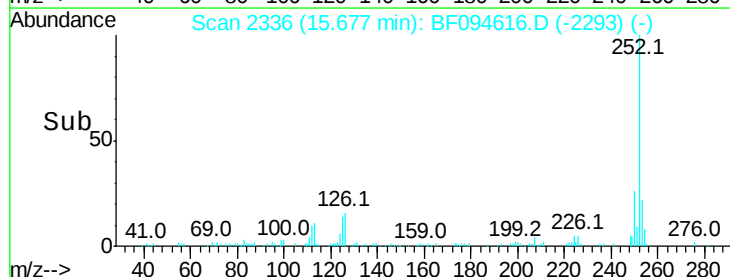
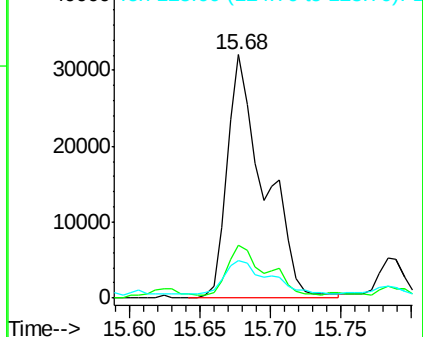
125 15.5 13.1 19.7

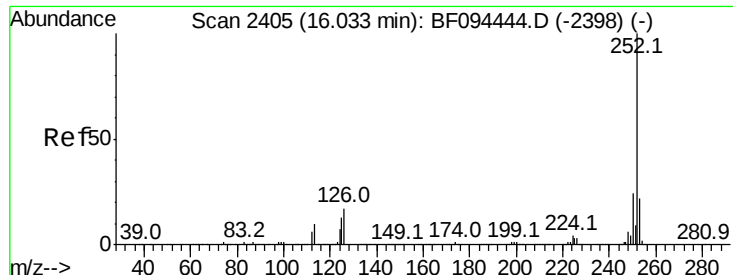


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.17 ng

RT: 16.02 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BF094616.D

Acq: 25 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

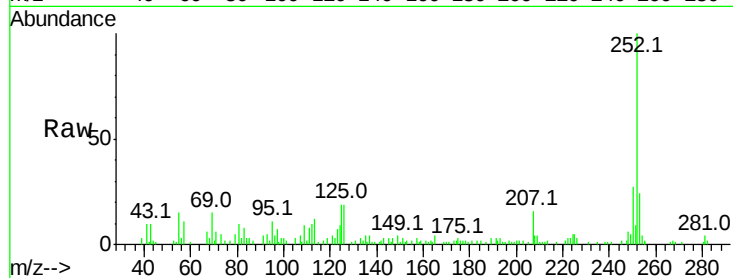
Tot Ion:252 Resp: 29172

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 18.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

