

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042417\
 Data File : BF094583.D
 Acq On : 24 Apr 2017 14:17
 Operator : SJ/MA
 Sample : I2780-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Quant Time: Apr 25 01:04:28 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

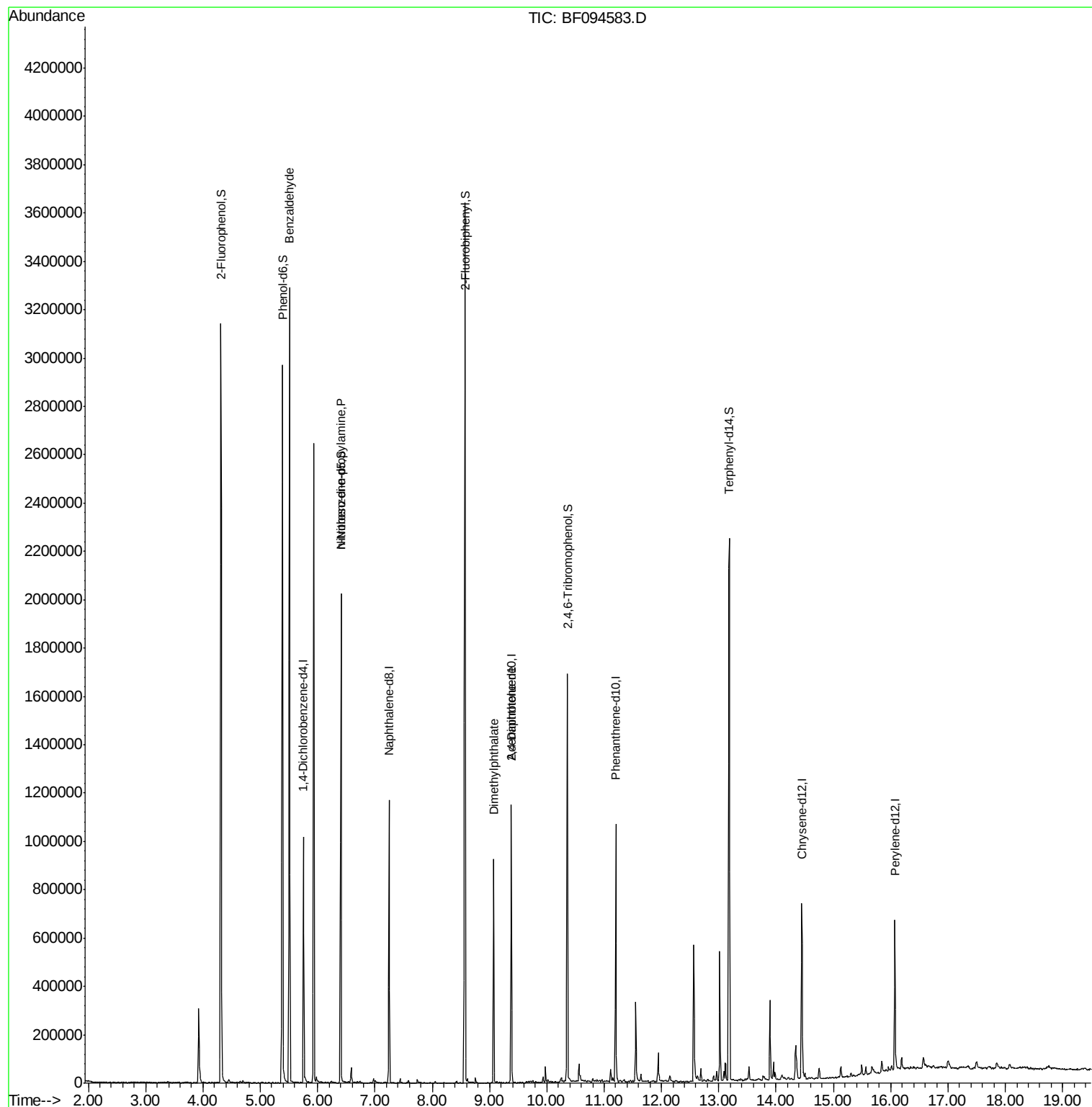
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	150961	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	580995	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	249431	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	409391	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	278150	20.00	ng	-0.02
86) Perylene-d12	16.08	264	248226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	997700	109.65	ng	0.00
7) Phenol-d6	5.39	99	1212950	113.07	ng	0.00
23) Nitrobenzene-d5	6.41	82	730741	77.66	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	221867	113.72	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1275405	75.23	ng	-0.01
78) Terphenyl-d14	13.18	244	850292	81.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	5.51	77	20416	2.50	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	6.41	70	94431	13.29	ng	# 75
49) Dimethylphthalate	9.07	163	393605	21.17	ng	98
56) 2,4-Dinitrotoluene	9.38	165	32187	6.29	ng	# 33

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

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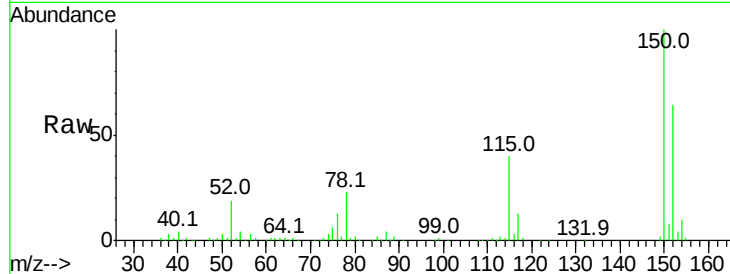


#1

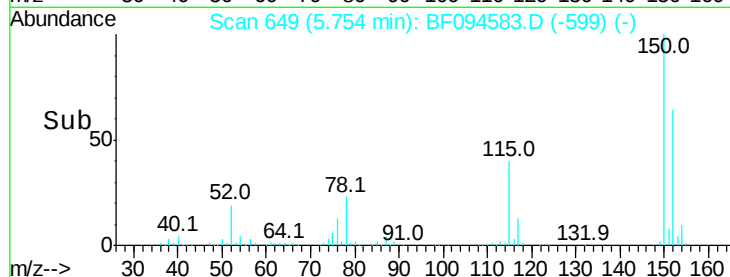
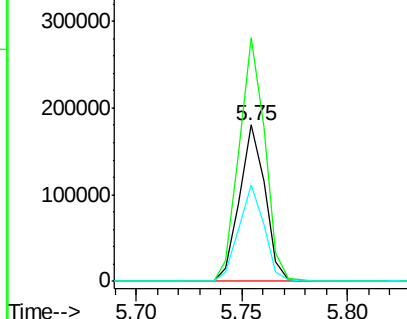
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Instrument :
BNA_F
ClientSampleId :
PE-1

Tot Ion:152 Resp: 150961
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 62.1 52.2 78.2



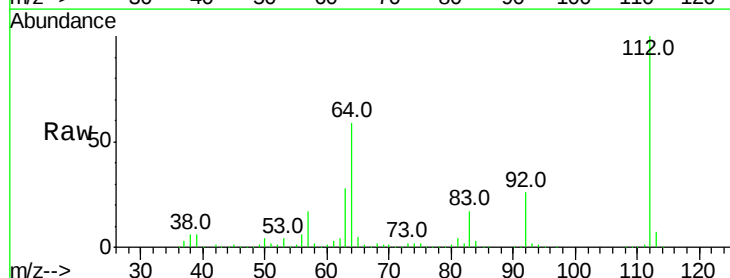
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



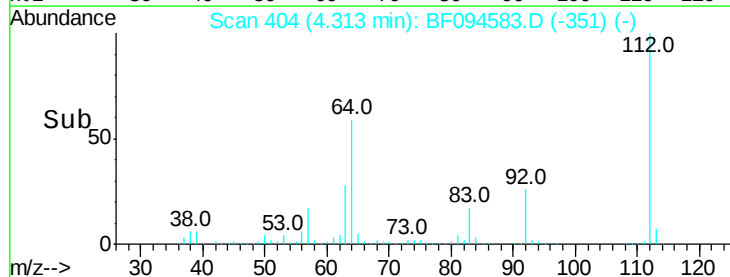
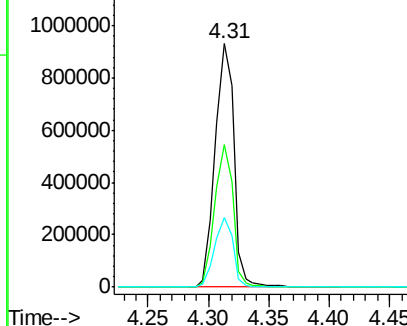
#5

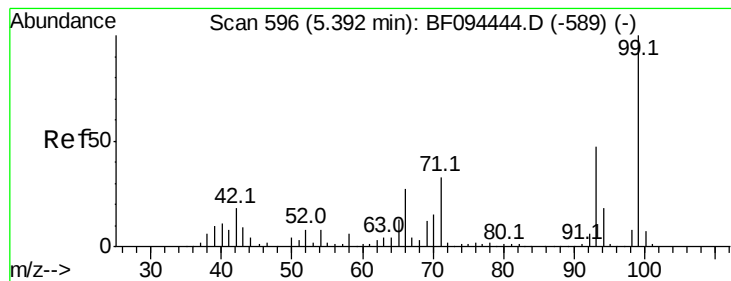
2-Fluorophenol
Concen: 109.65 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094583.D
Acq: 24 Apr 2017 14:17

Tgt Ion:112 Resp: 997700
Ion Ratio Lower Upper
112 100
64 58.5 46.0 69.0
63 28.5 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: 113.07 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

BNA_F

ClientSampled :

PE-1

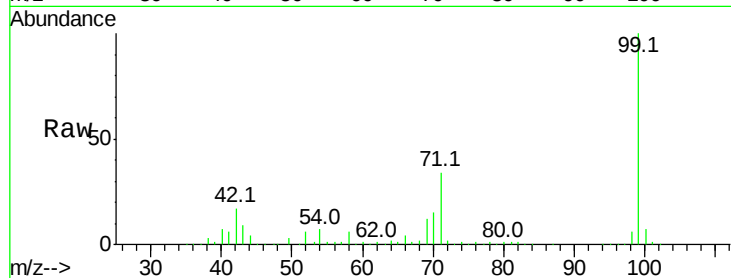
Tot Ion: 99 Resp: 1212950

Ion Ratio Lower Upper

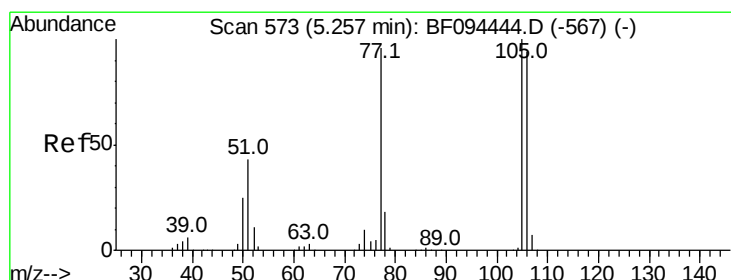
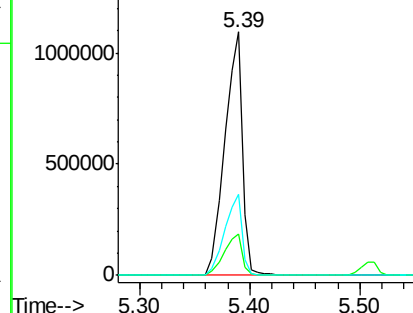
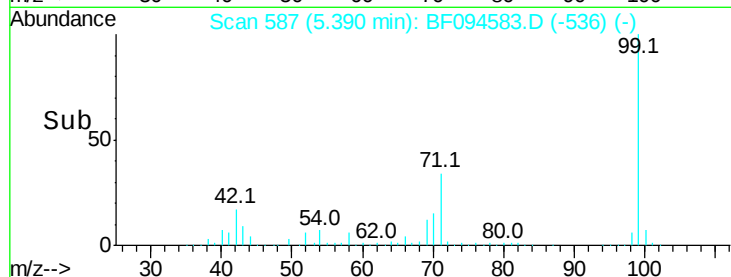
99 100

42 17.1 13.5 20.3

71 33.5 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



#9

Benzaldehyde

Concen: 2.50 ng

RT: 5.51 min Scan# 608

Delta R.T. 0.26 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

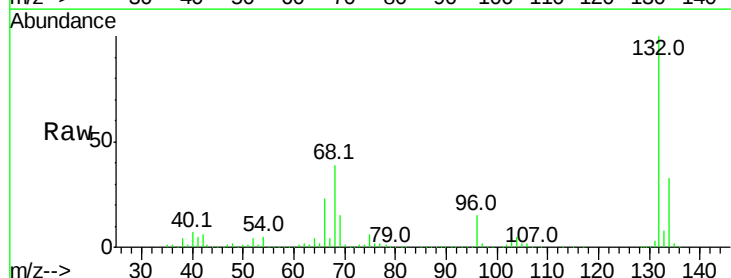
Tgt Ion: 77 Resp: 20416

Ion Ratio Lower Upper

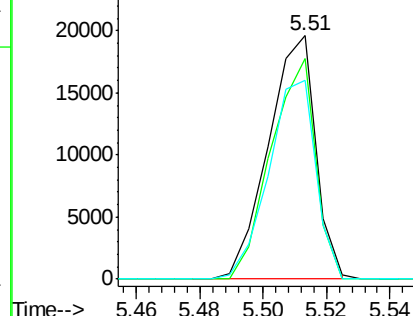
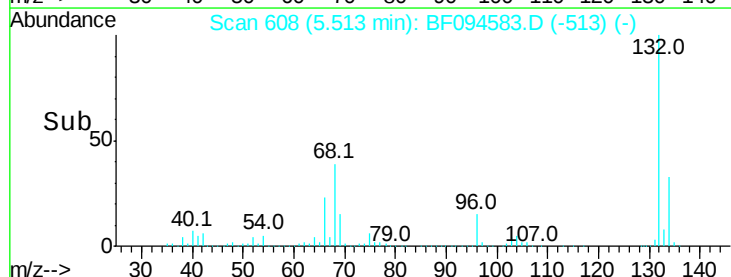
77 100

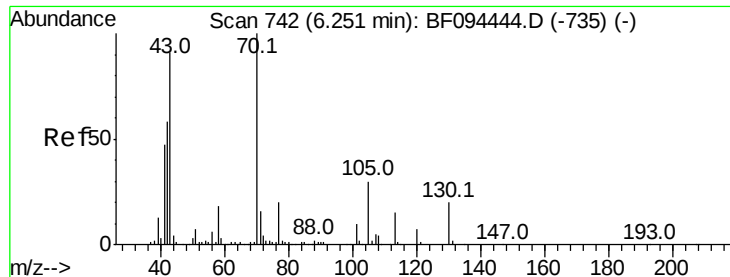
105 90.4 83.8 123.8

106 81.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.29 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.16 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

BNA_F

ClientSampled :

PE-1

Tot Ion: 70 Resp: 94431

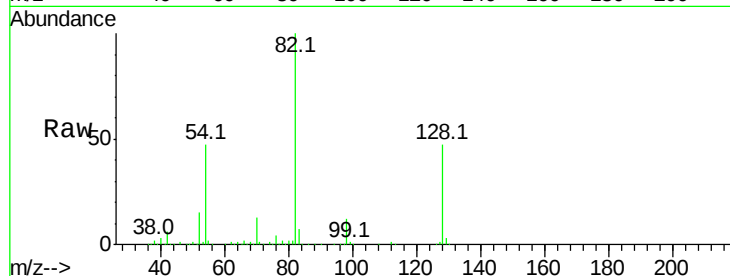
Ion Ratio Lower Upper

70 100

42 44.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

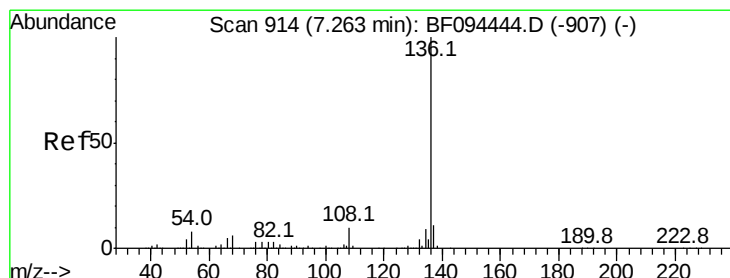
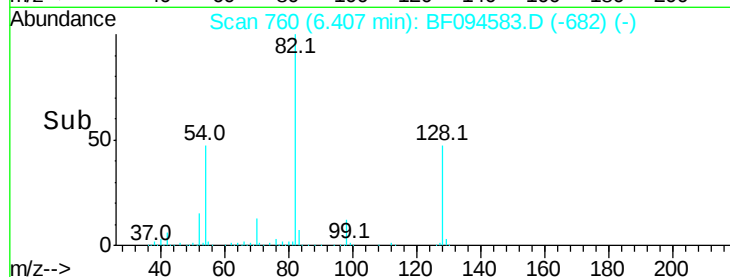
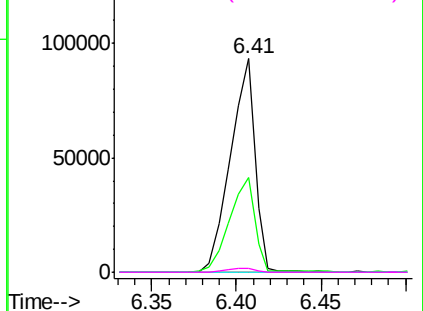


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Tgt Ion: 136 Resp: 580995

Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.8 4.9 7.3

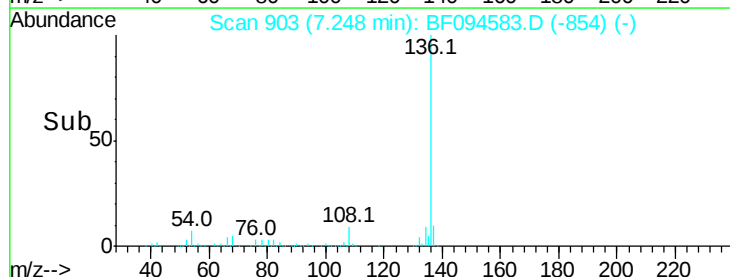
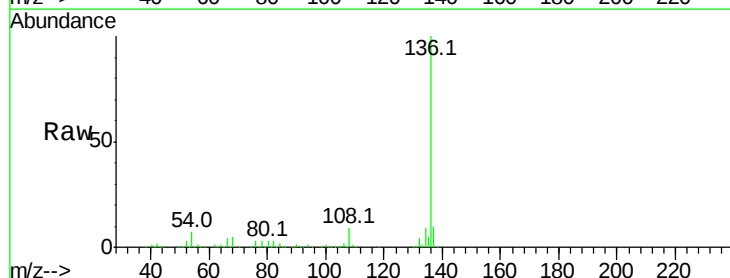
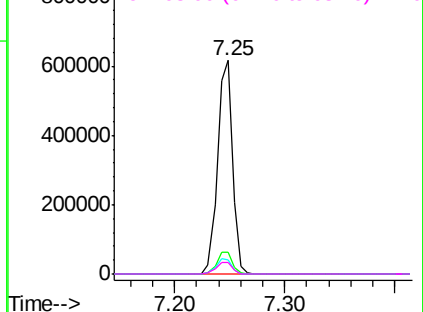
68 5.3 4.1 6.1

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: 77.66 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

BNA_F

ClientSampled :

PE-1

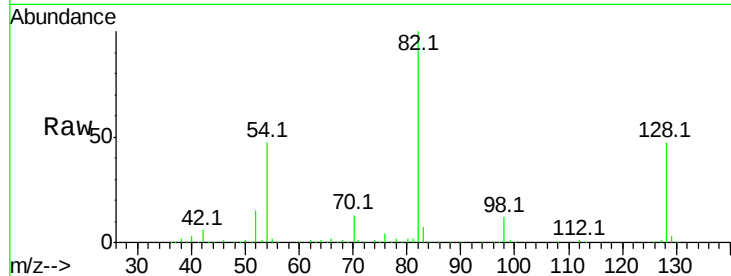
Tot Ion: 82 Resp: 730741

Ion Ratio Lower Upper

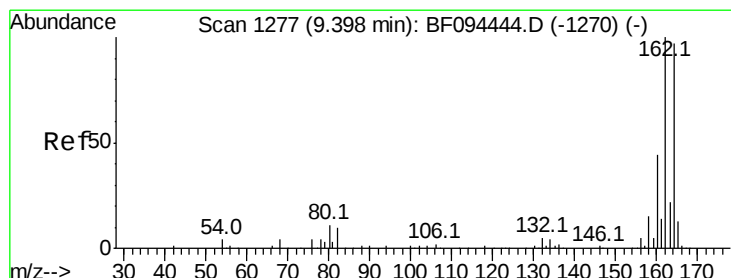
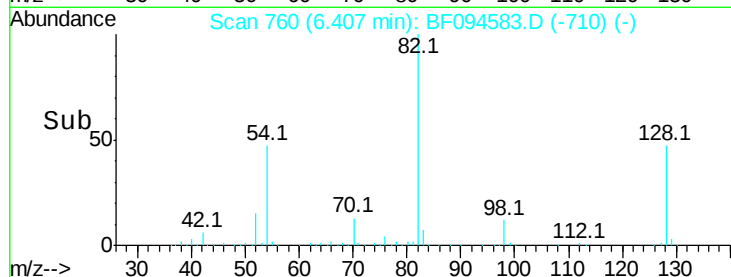
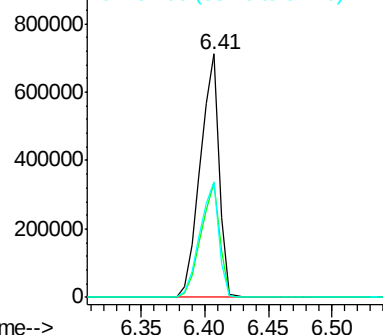
82 100

128 47.1 34.0 51.0

54 47.2 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: BF094583.D

Acq: 24 Apr 2017 14:17

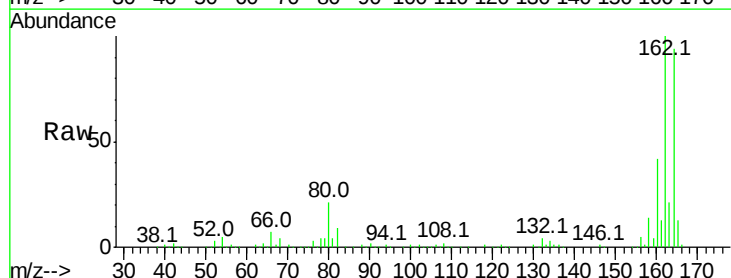
Tgt Ion:164 Resp: 249431

Ion Ratio Lower Upper

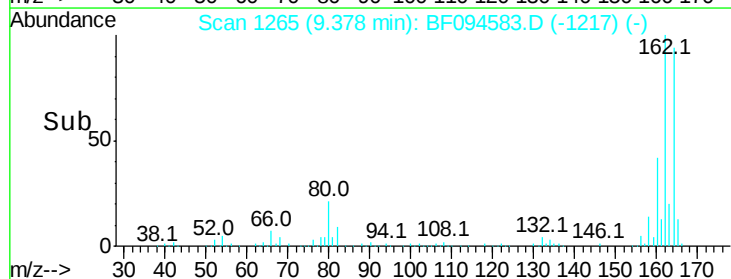
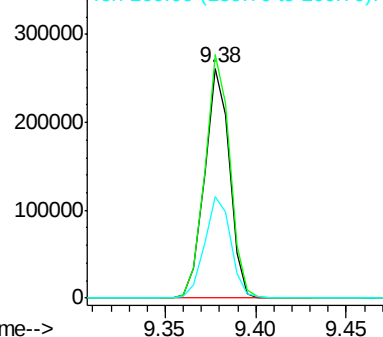
164 100

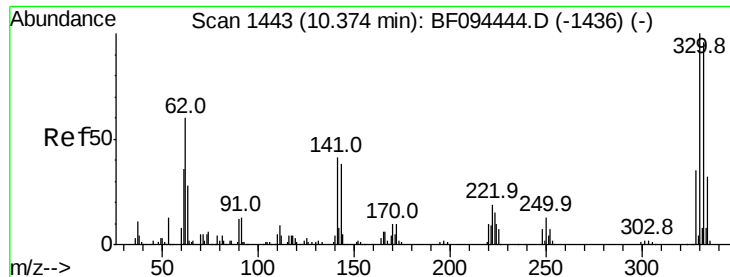
162 106.0 82.6 123.8

160 44.3 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

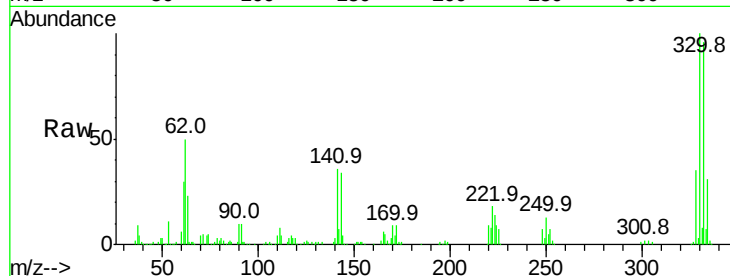




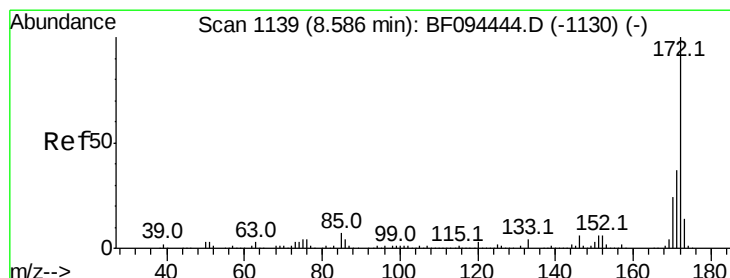
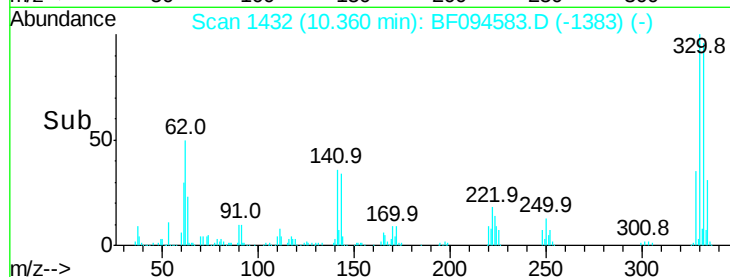
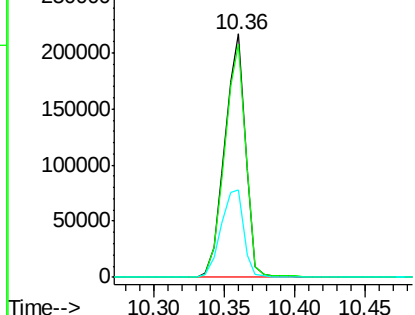
#41
 2,4,6-Tribromophenol
 Concen: 113.72 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	39.2	31.4	47.2

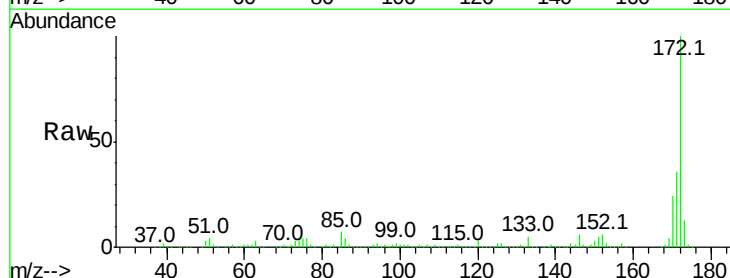


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

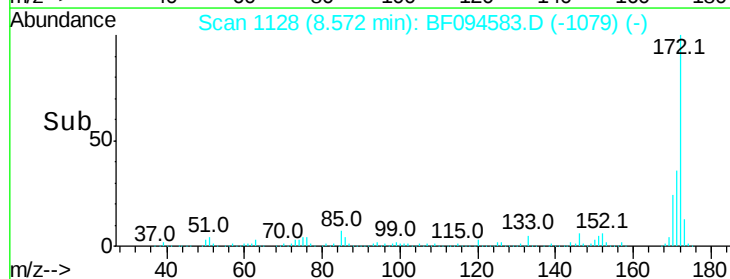
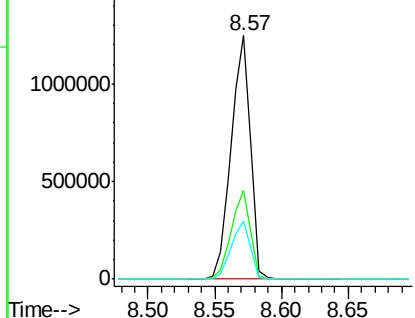


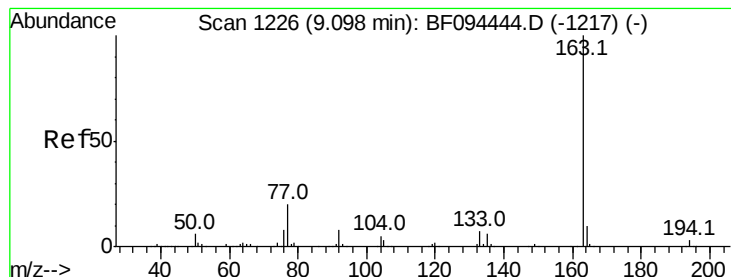
#44
 2-Fluorobiphenyl
 Concen: 75.23 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.1	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: 21.17 ng

RT: 9.07 min Scan# 1213

Delta R.T. -0.03 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Instrument :

BNA_F

ClientSampleId :

PE-1

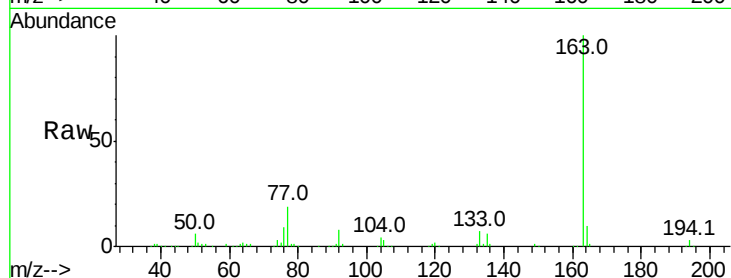
Tot Ion:163 Resp: 393605

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

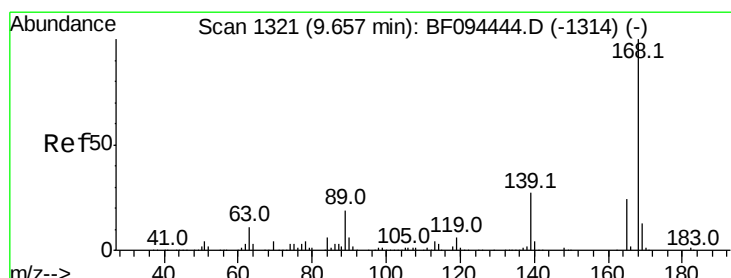
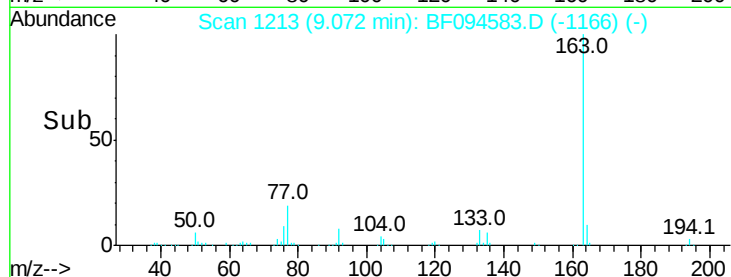
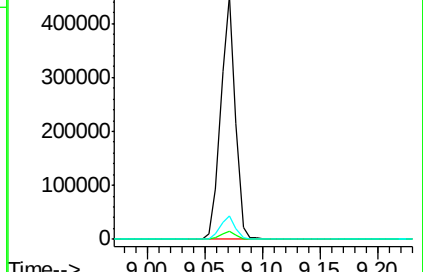
164 9.6 8.4 12.6



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: 6.29 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.28 min

Lab File: BF094583.D

Acq: 24 Apr 2017 14:17

Tgt Ion:165 Resp: 32187

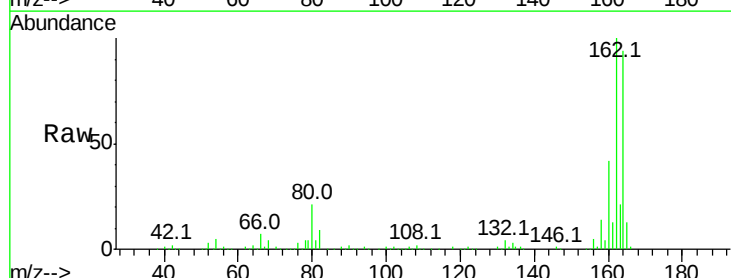
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

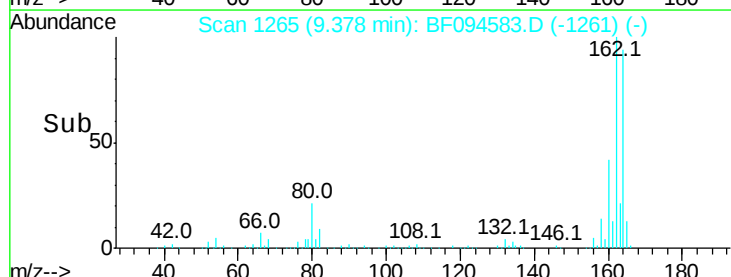
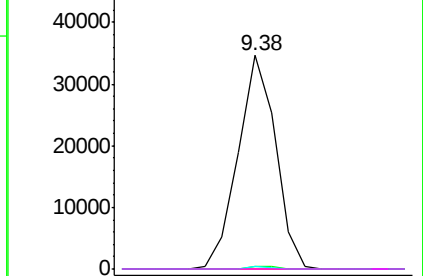


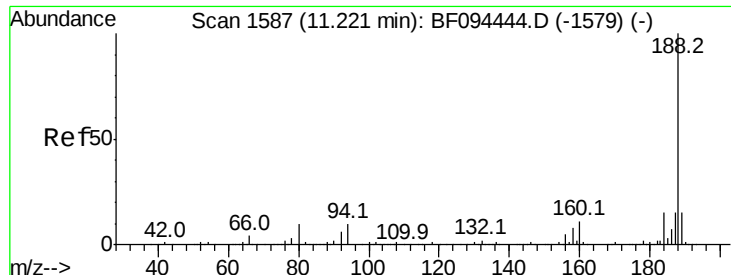
Abundance Ion 165.00 (164.70 to 165.70): E

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

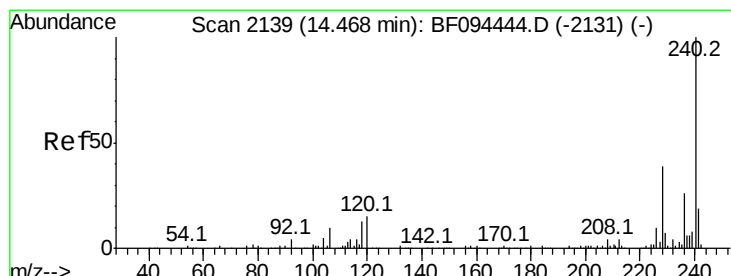
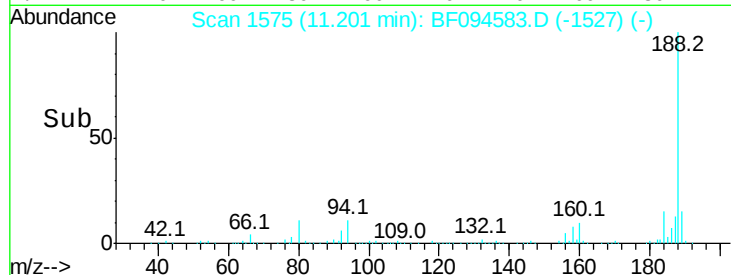
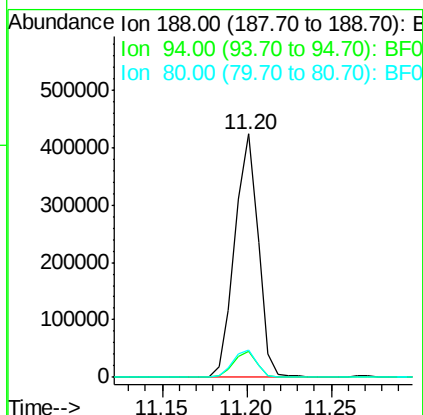
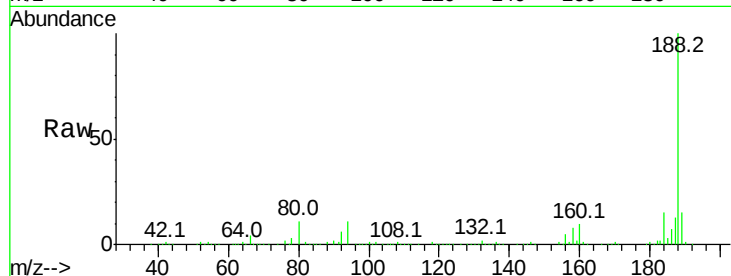




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

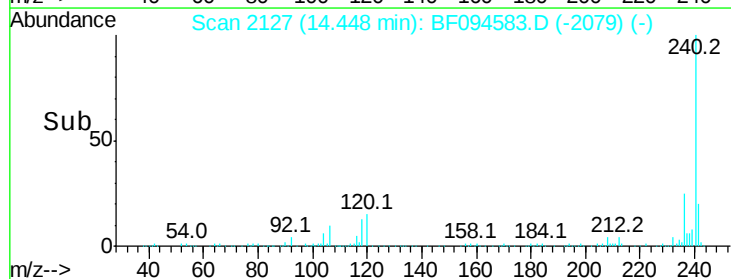
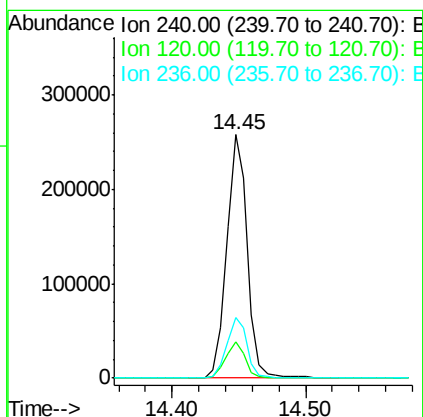
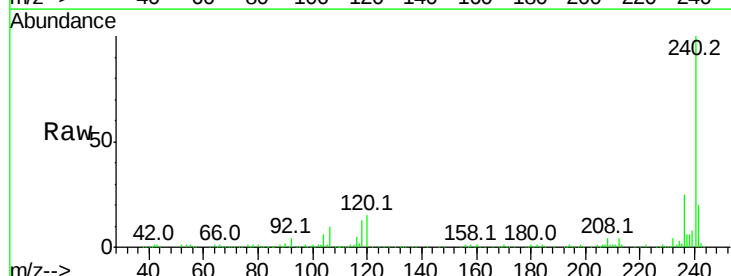
Instrument :
 BNA_F
 ClientSampleID :
 PE-1

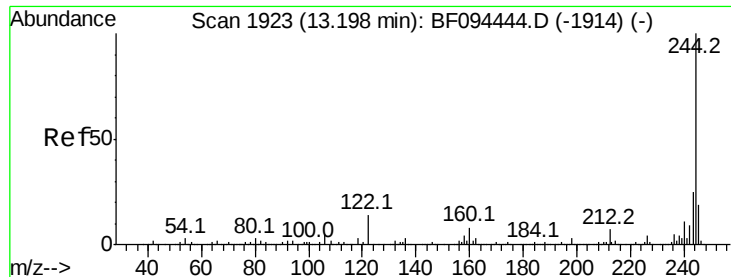
Tot Ion:188 Resp: 409391
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Tgt Ion:240 Resp: 278150
 Ion Ratio Lower Upper
 240 100
 120 14.8 5.8 8.8#
 236 25.1 20.5 30.7

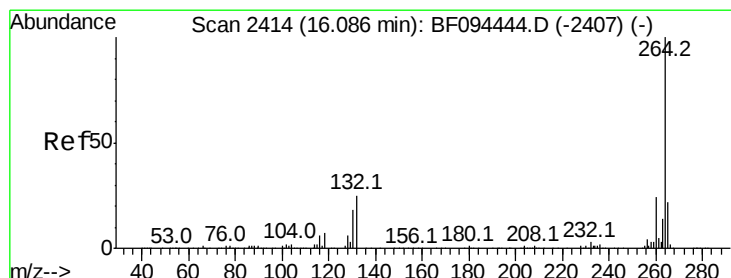
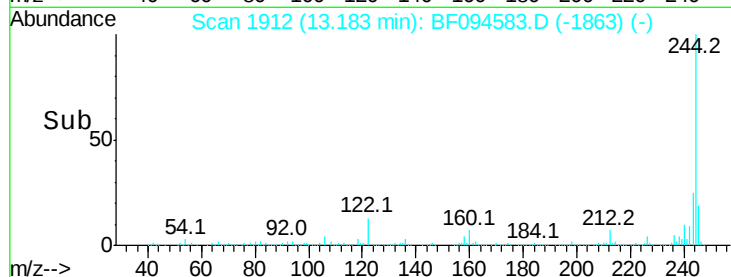
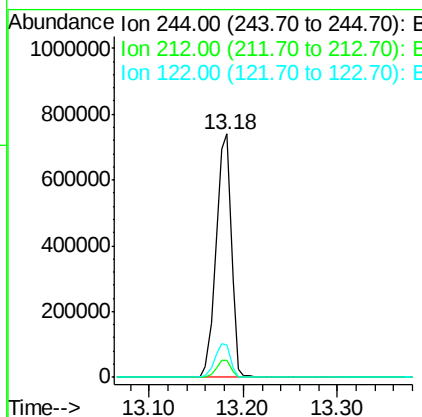
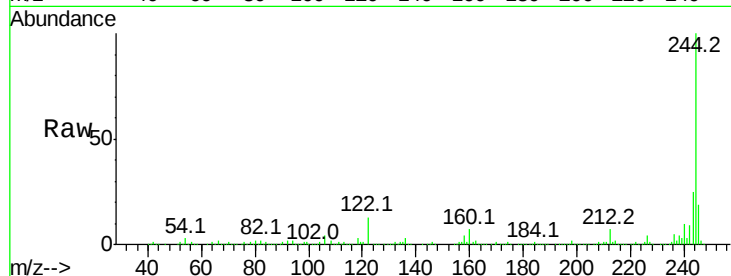




#78
 Terphenyl-d14
 Concen: 81.71 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PE-1

Tot Ion:244 Resp: 850292
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094583.D
 Acq: 24 Apr 2017 14:17

Tgt Ion:264 Resp: 248226
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 22.0 17.2 25.8

