

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094463.D
 Acq On : 17 Apr 2017 21:36
 Operator : SJ/MA
 Sample : I2707-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-X8-BASE

Quant Time: Apr 18 03:06:32 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

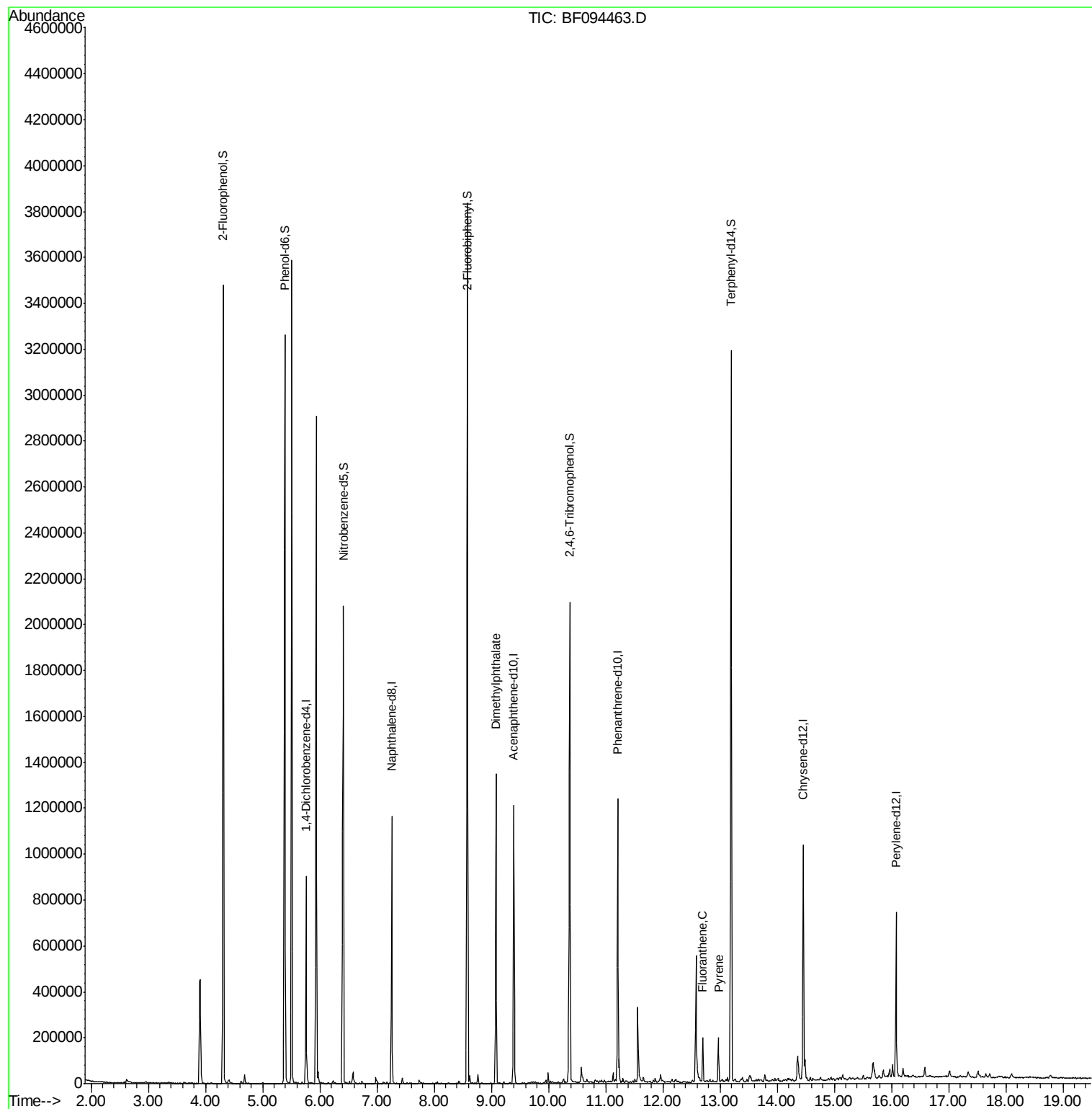
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	140646	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	588349	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	277129	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	497433	20.00	ng	0.00
75) Chrysene-d12	14.46	240	400048	20.00	ng	-0.01
86) Perylene-d12	16.08	264	272970	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1128713	133.14	ng	0.00
7) Phenol-d6	5.39	99	1486875	148.78	ng	0.00
23) Nitrobenzene-d5	6.41	82	899331	94.39	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	301595	139.13	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1557389	82.69	ng	0.00
78) Terphenyl-d14	13.20	244	1232612	82.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.09	163	664710	32.19	ng	98
74) Fluoranthene	12.70	202	84105	2.90	ng	96
77) Pyrene	12.97	202	78693	2.82	ng	98

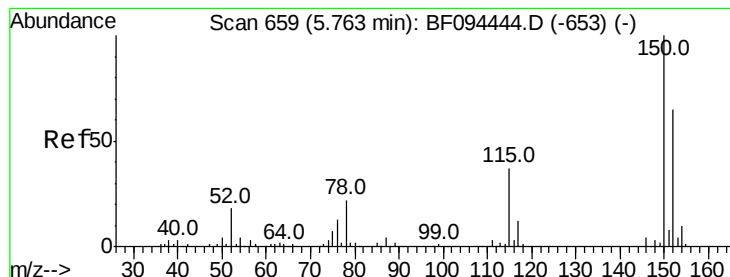
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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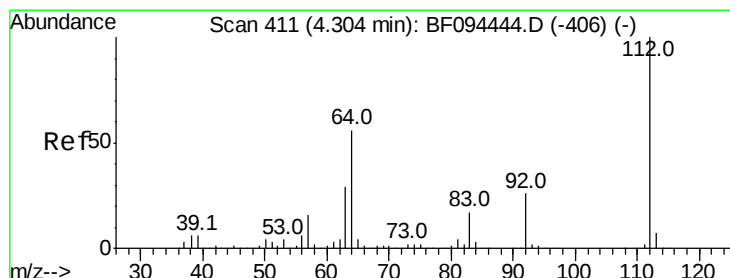
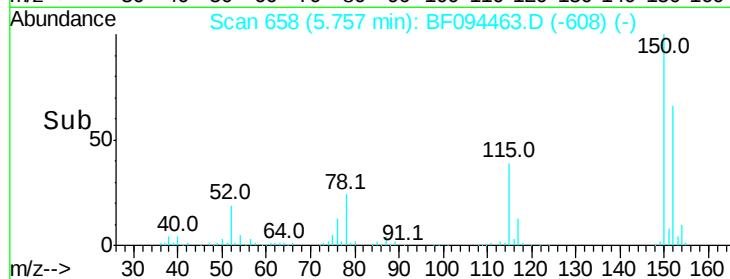
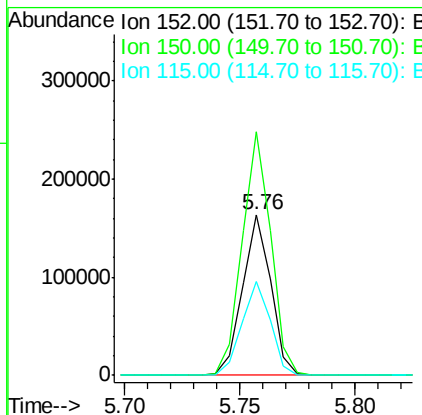
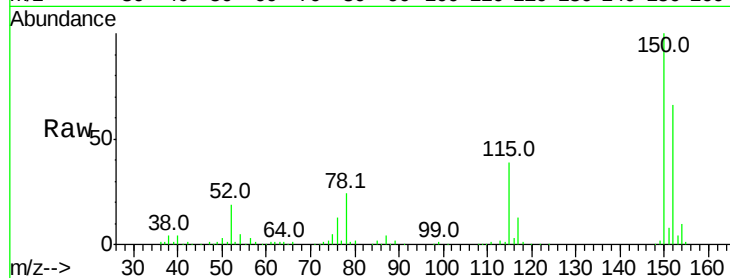


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Instrument :
BNA_F
ClientSampleId :
E2-X8-BASE

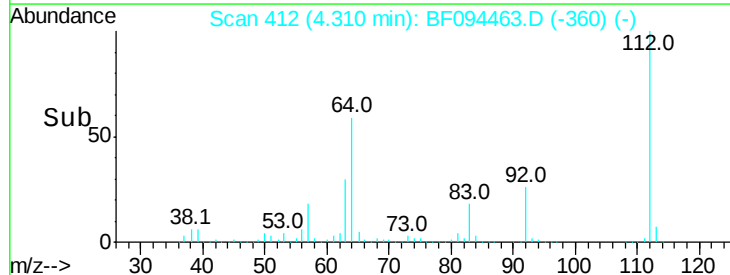
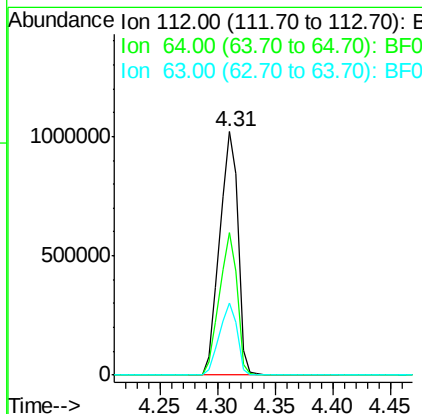
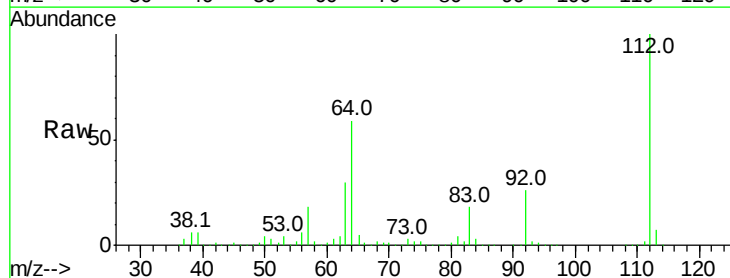
Tot Ion:152 Resp: 140646
Ion Ratio Lower Upper
152 100
150 151.6 126.2 189.2
115 58.7 52.2 78.2

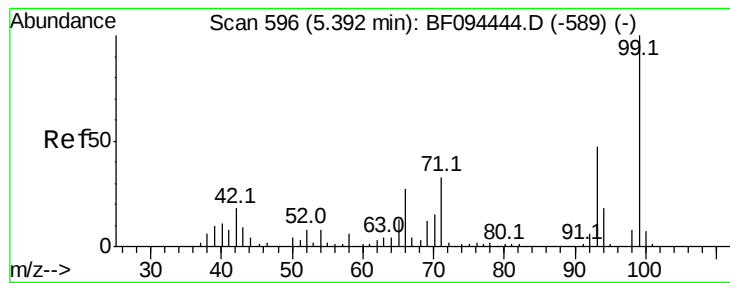


#5

2-Fluorophenol
Concen: 133.14 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Tgt Ion:112 Resp: 1128713
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.7 23.4 35.0





#7

Phenol-d6

Concen: 148.78 ng

RT: 5.39 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

E2-X8-BASE

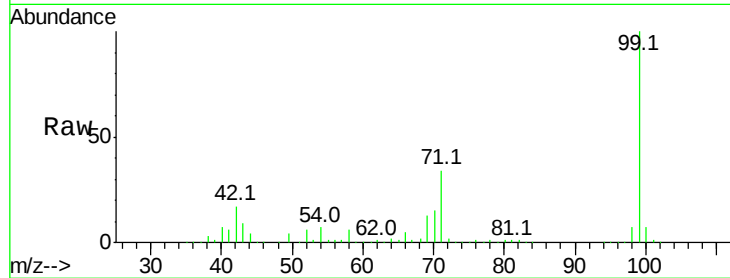
Tot Ion: 99 Resp: 1486875

Ion Ratio Lower Upper

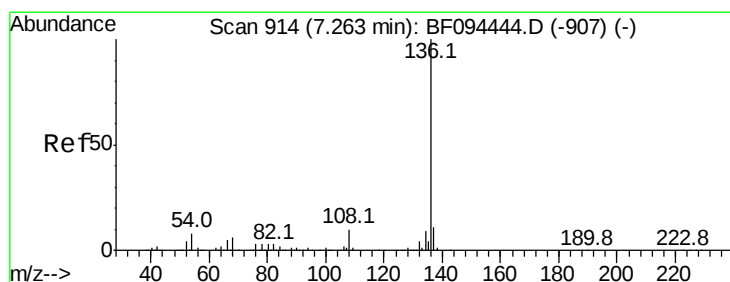
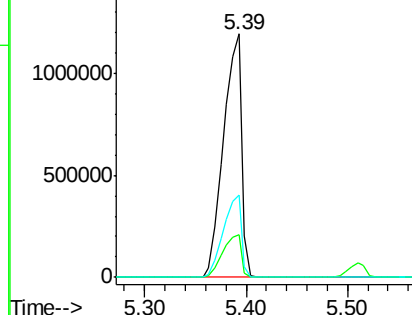
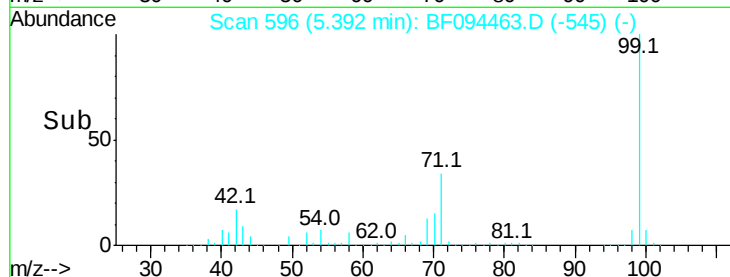
99 100

42 17.4 13.5 20.3

71 33.9 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: 7.26 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Tgt Ion: 136 Resp: 588349

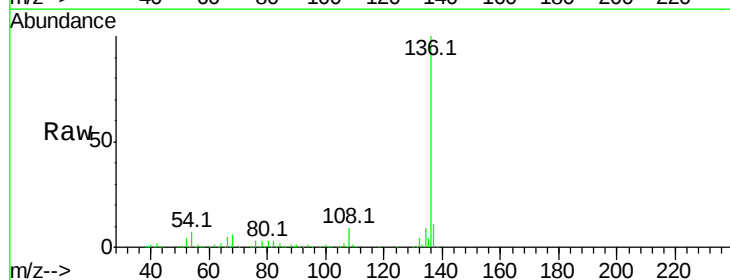
Ion Ratio Lower Upper

136 100

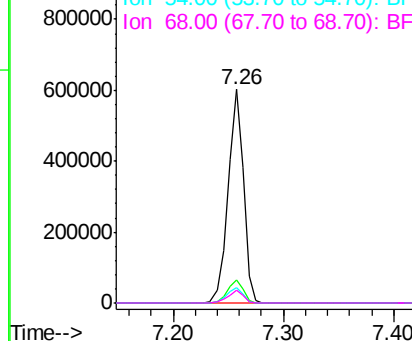
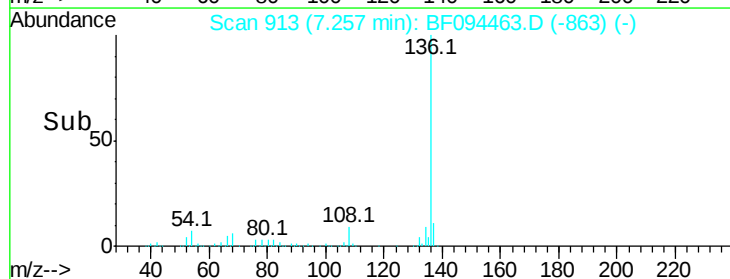
137 10.9 8.5 12.7

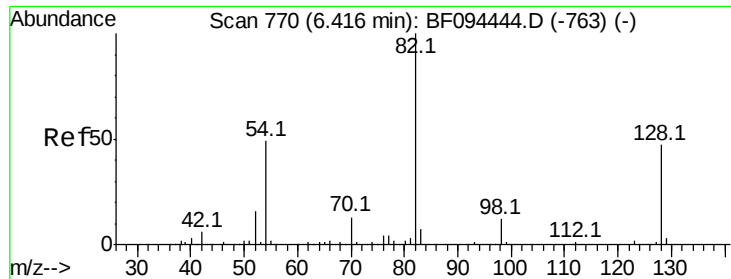
54 7.1 4.9 7.3

68 5.9 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

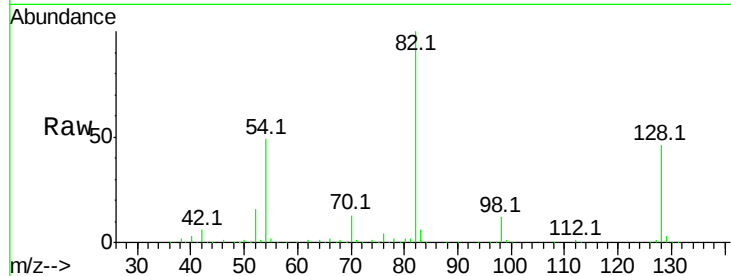




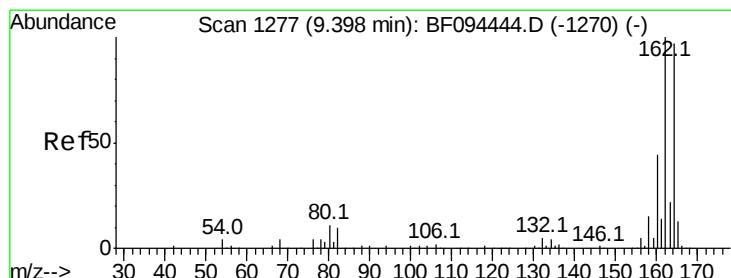
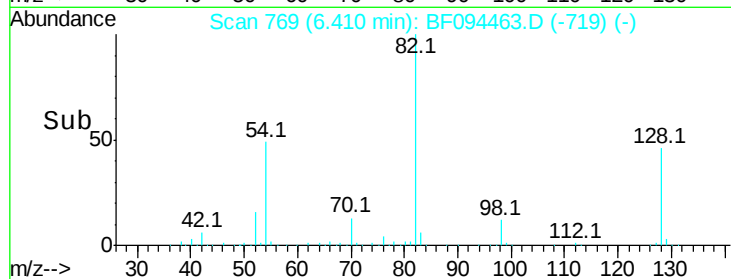
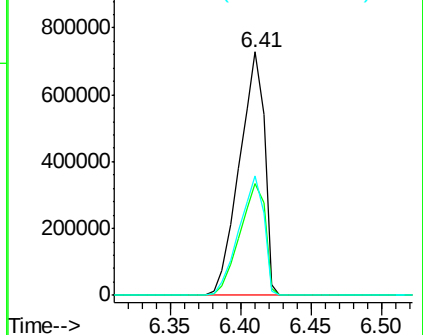
#23
 Nitrobenzene-d5
 Concen: 94.39 ng
 RT: 6.41 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-X8-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.0	51.0
54	49.3	42.2	63.2

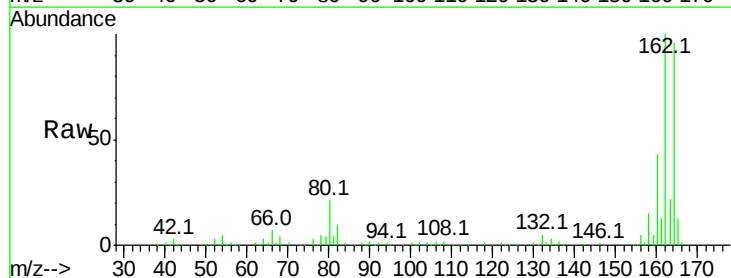


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

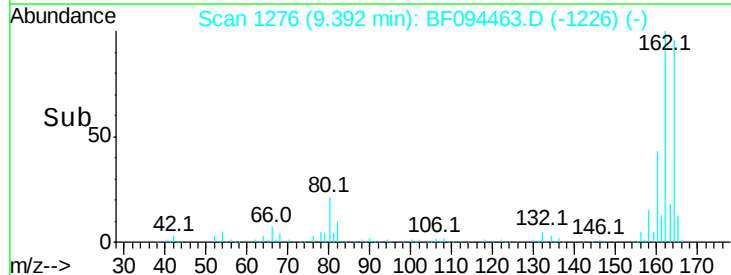
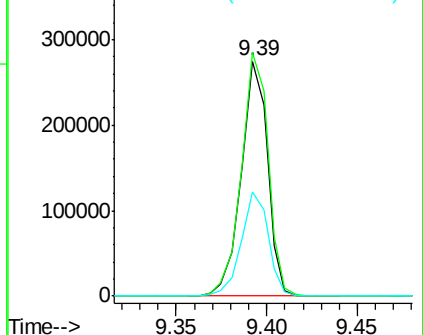


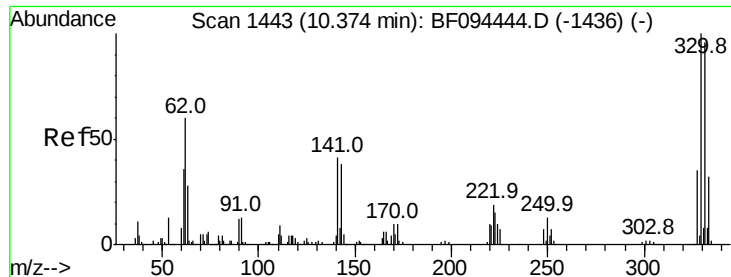
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.2	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

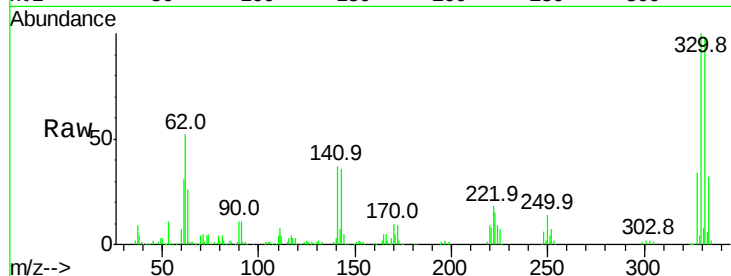




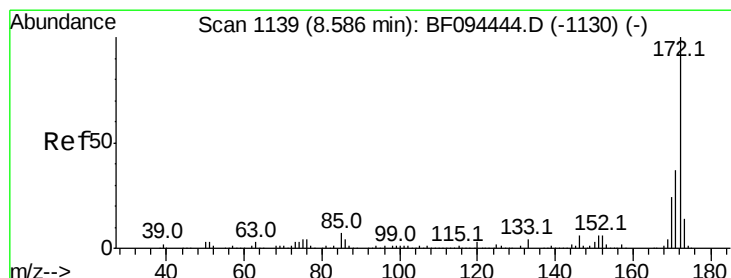
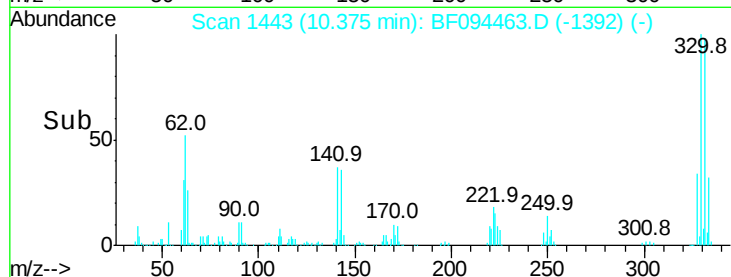
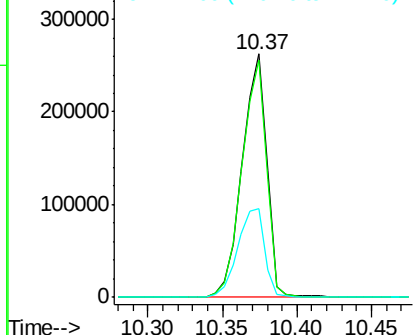
#41
 2,4,6-Tribromophenol
 Concen: 139.13 ng
 RT: 10.37 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-X8-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.5	31.4	47.2

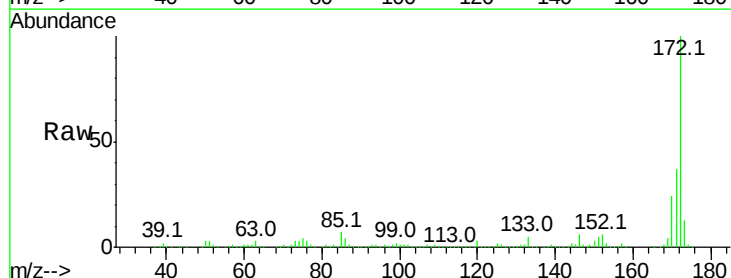


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

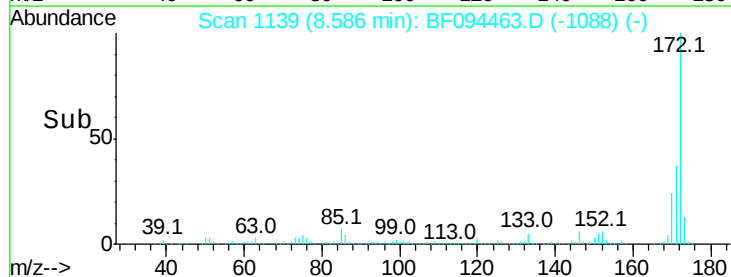
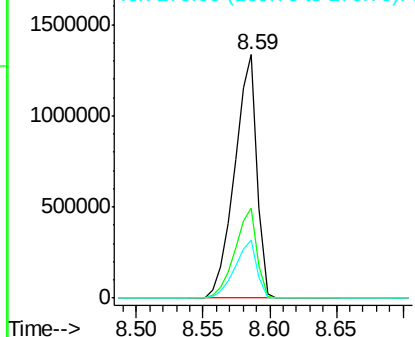


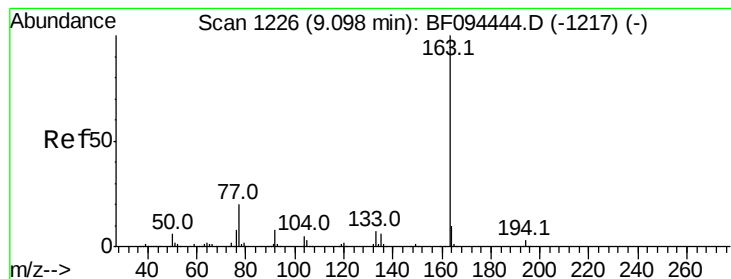
#44
 2-Fluorobiphenyl
 Concen: 82.69 ng
 RT: 8.59 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.6	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: 32.19 ng

RT: 9.09 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

E2-X8-BASE

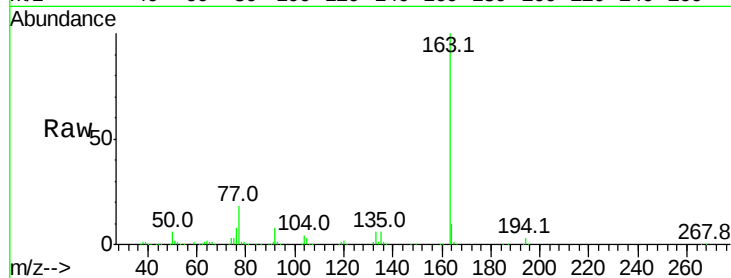
Tot Ion:163 Resp: 664710

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

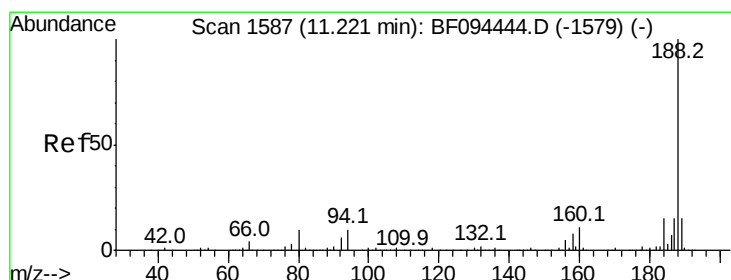
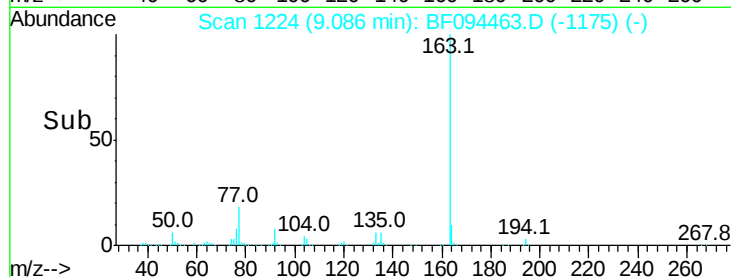
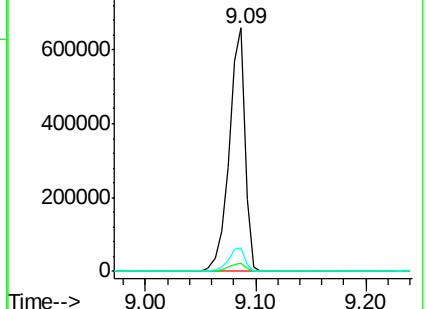
164 9.7 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

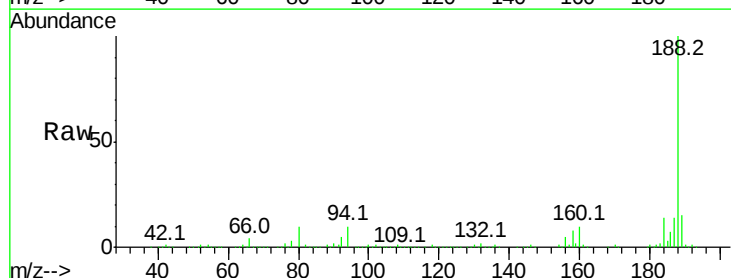
Tgt Ion:188 Resp: 497433

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

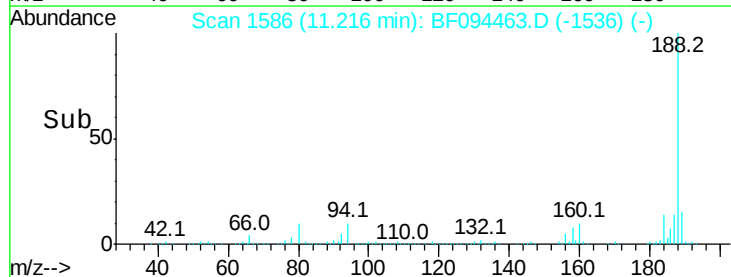
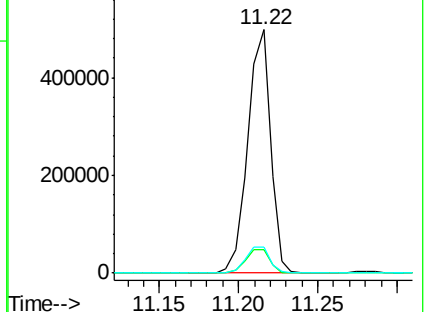
80 10.5 10.2 15.2

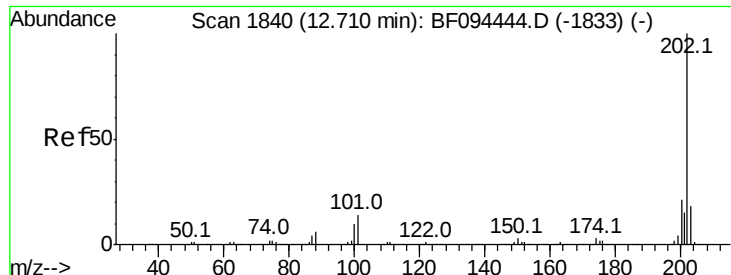


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

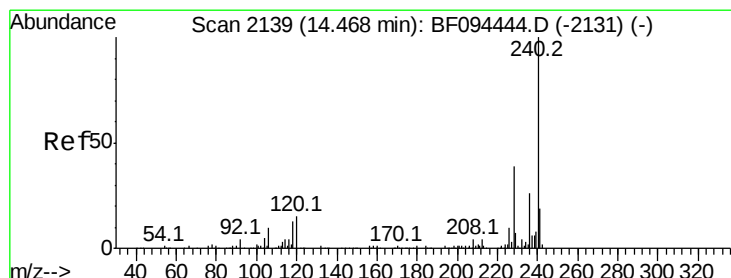
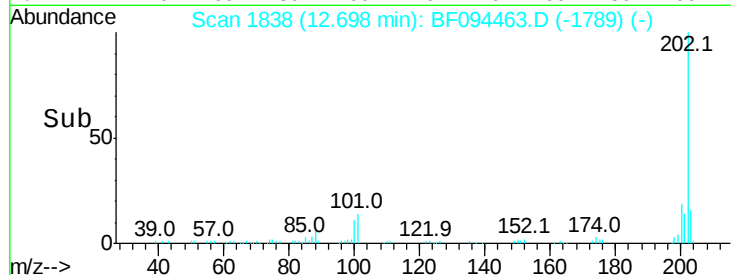
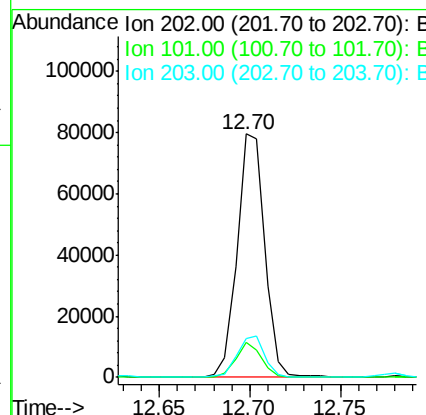
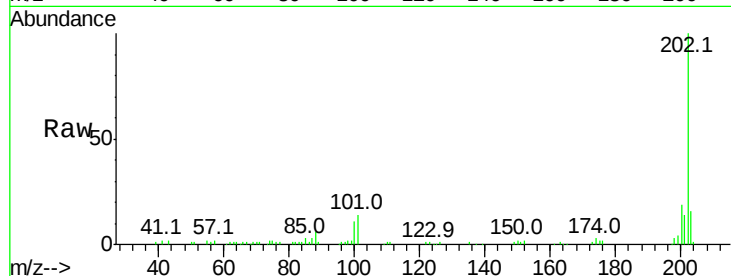




#74
 Fluoranthene
 Concen: 2.90 ng
 RT: 12.70 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

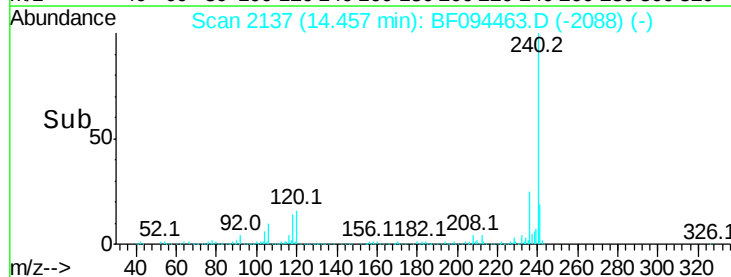
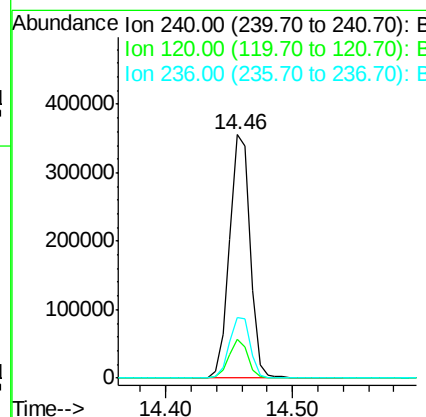
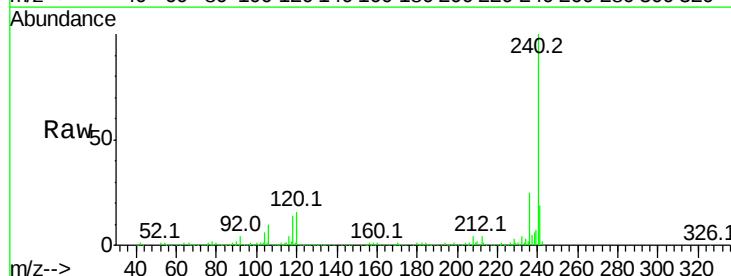
Instrument :
 BNA_F
 ClientSampleId :
 E2-X8-BASE

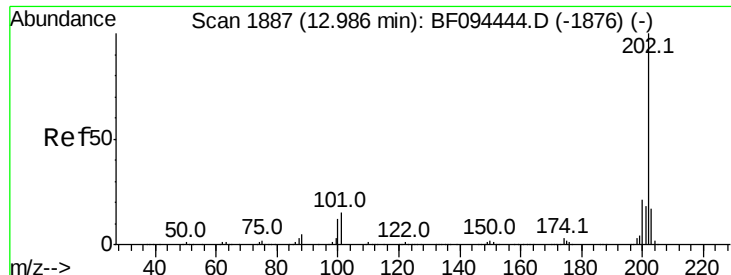
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	16.2	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094463.D
 Acq: 17 Apr 2017 21:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	24.9	20.5	30.7





#77

Pvrene

Concen: 2.82 ng

RT: 12.97 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

Instrument :

BNA_F

ClientSampleId :

E2-X8-BASE

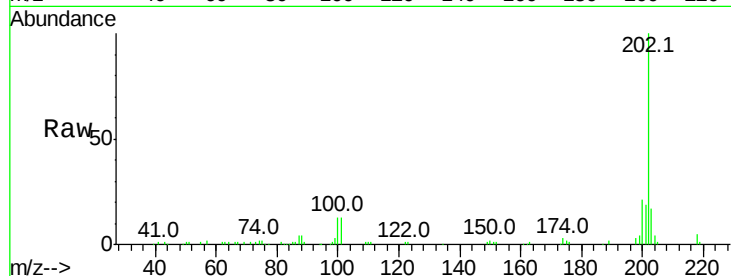
Tot Ion:202 Resp: 78693

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

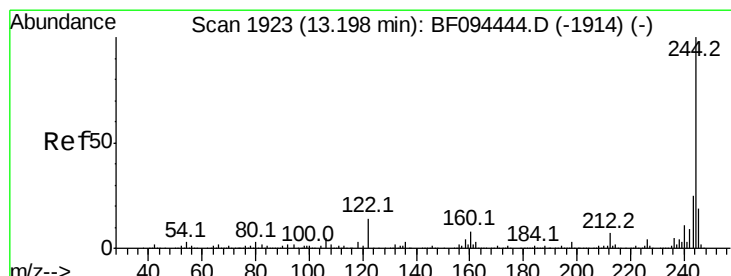
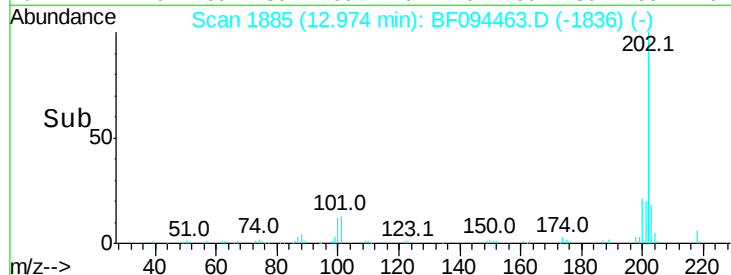
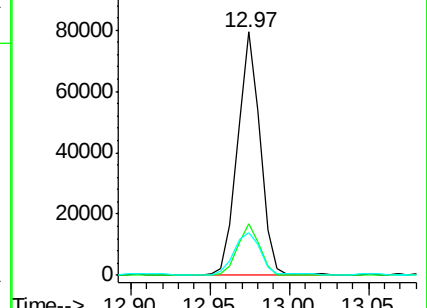
203 17.5 14.4 21.6



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: 82.36 ng

RT: 13.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF094463.D

Acq: 17 Apr 2017 21:36

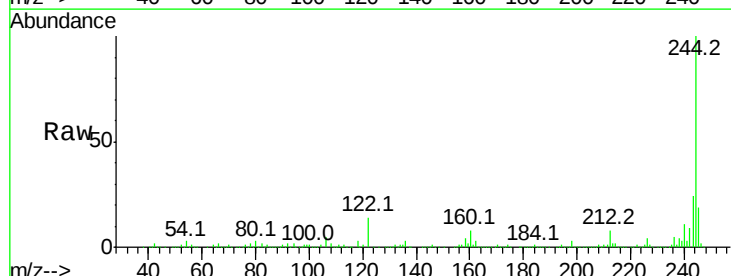
Tgt Ion:244 Resp: 1232612

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

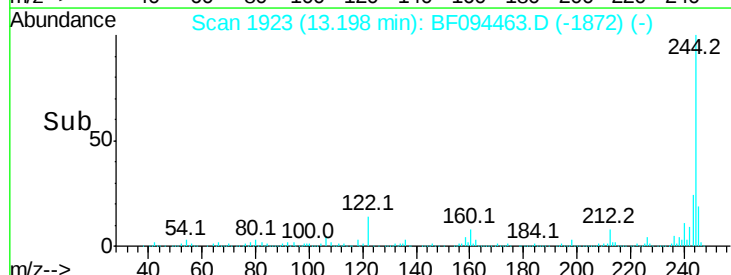
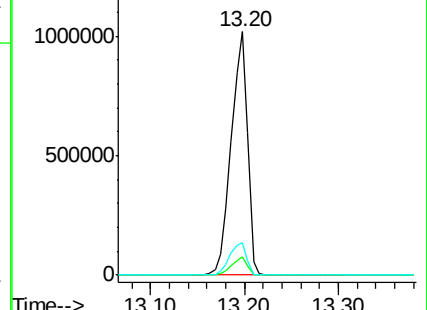
122 13.6 10.3 15.5

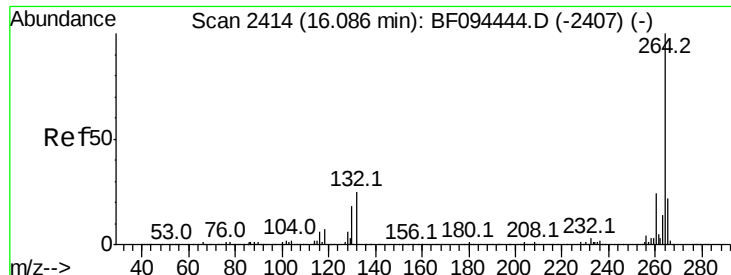


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094463.D
Acq: 17 Apr 2017 21:36

Instrument :
BNA_F
ClientSampleId :
E2-X8-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.0	17.2	25.8

