

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093577.D
 Acq On : 11 Mar 2017 19:48
 Operator : SJ/MA
 Sample : I2215-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V5-BASE

Quant Time: Mar 13 16:33:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

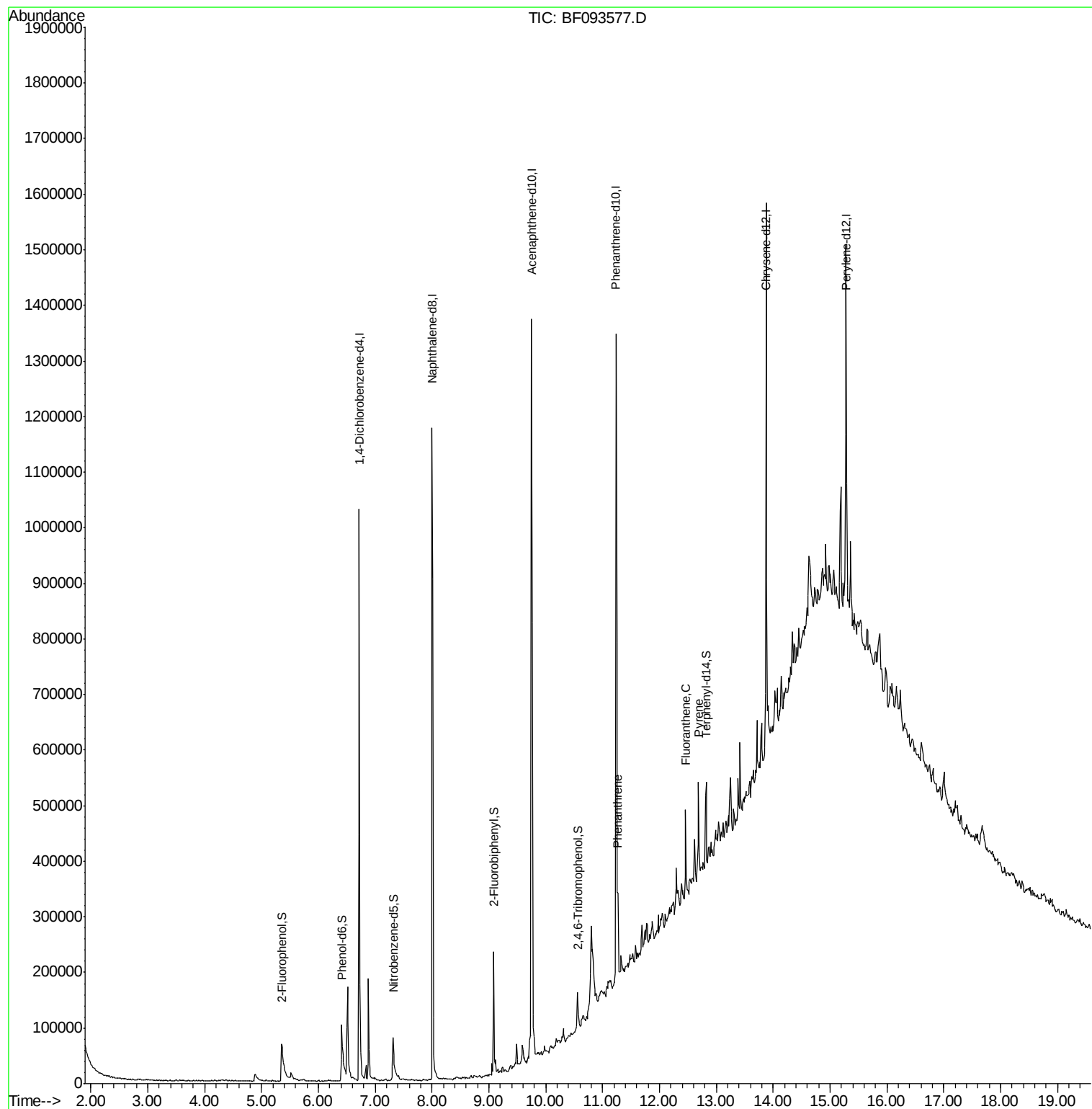
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188856	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	740767	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	316965	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	506701	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	361585	20.00	ng	-0.01
86) Perylene-d12	15.28	264	315255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	64601	5.69	ng	0.05
7) Phenol-d6	6.41	99	87265	6.10	ng	0.03
23) Nitrobenzene-d5	7.32	82	58036	4.35	ng	0.01
41) 2,4,6-Tribromophenol	10.56	330	8508	4.12	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	90748	5.33	ng	0.00
78) Terphenyl-d14	12.83	244	57749	4.15	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.27	178	78265	2.71	ng	98
74) Fluoranthene	12.46	202	64740	2.32	ng	97
77) Pyrene	12.69	202	56090	2.13	ng	98

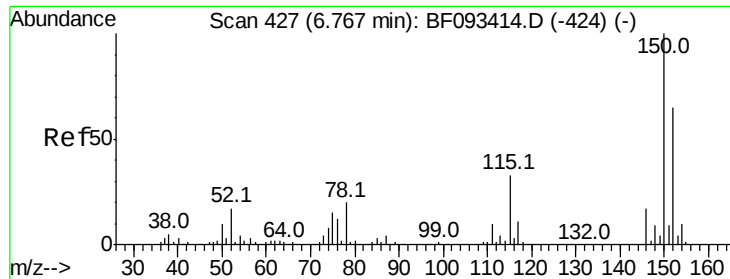
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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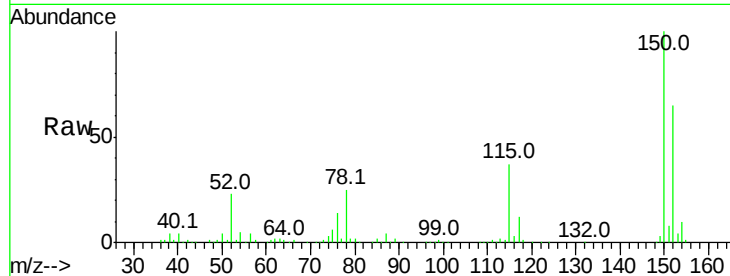


#1

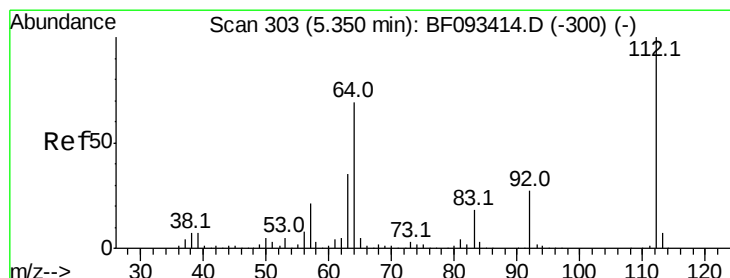
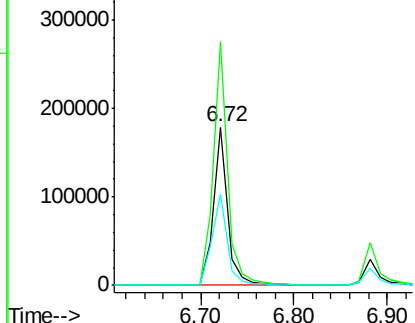
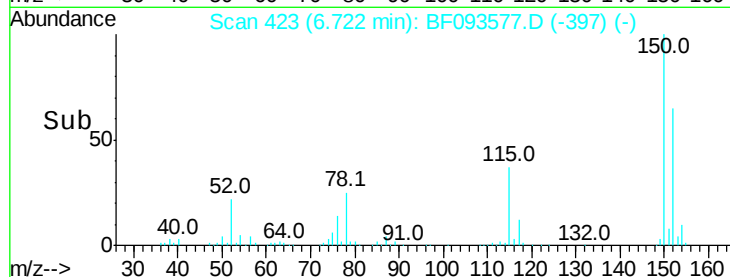
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 E2-V5-BASE

Tot Ion:152 Resp: 188856
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.9 187.3
 115 57.8 46.0 69.0



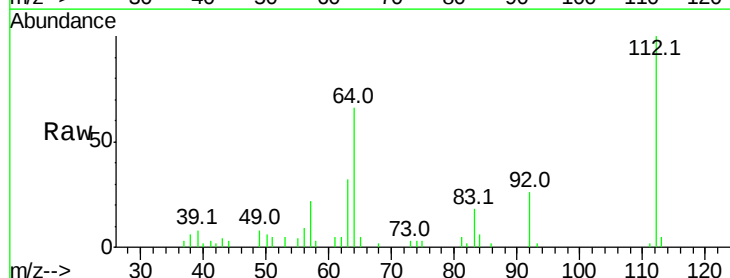
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



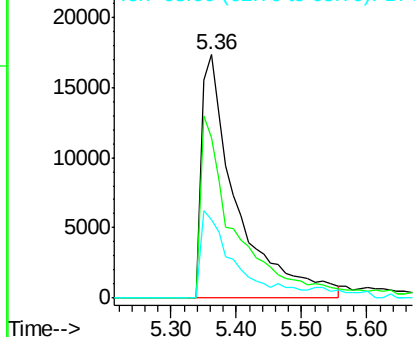
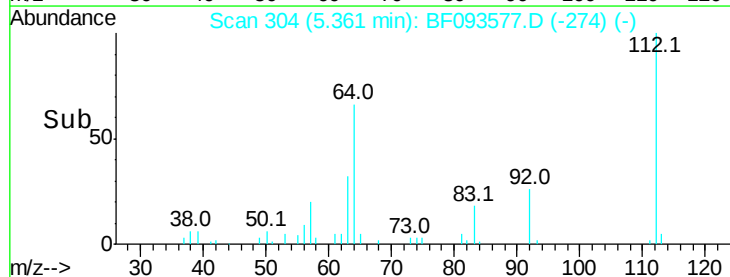
#5

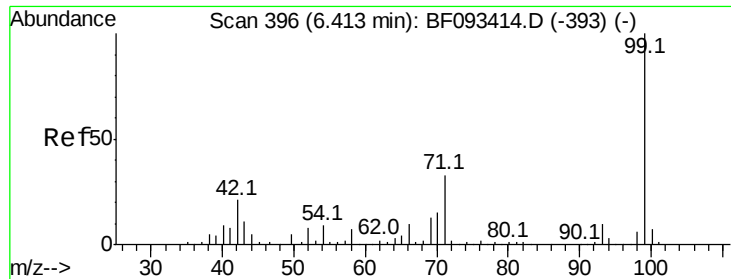
2-Fluorophenol
 Concen: 5.69 ng
 RT: 5.36 min Scan# 304
 Delta R.T. 0.05 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

Tgt Ion:112 Resp: 64601
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.1 69.1
 63 32.0 23.8 35.6



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: 6.10 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.03 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

Instrument :

BNA_F

ClientSampleId :

E2-V5-BASE

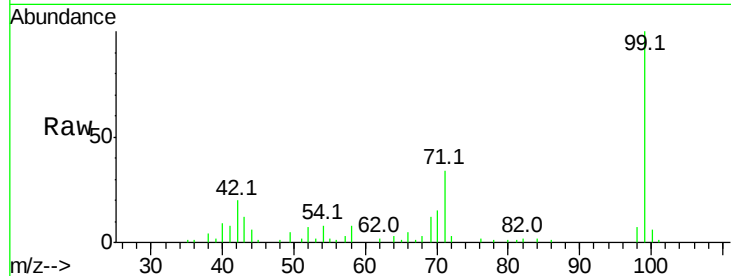
Tot Ion: 99 Resp: 87265

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

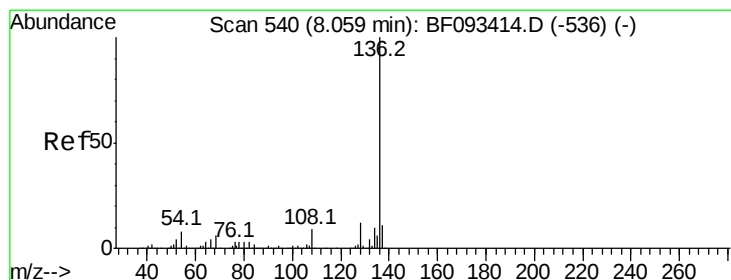
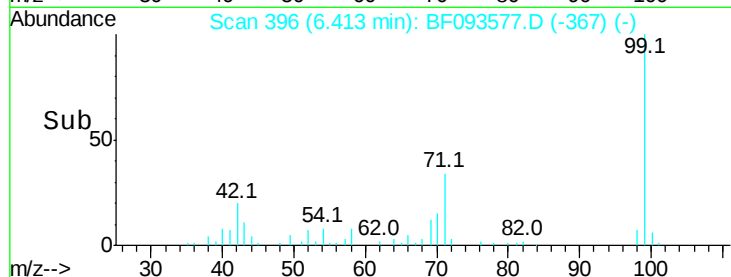
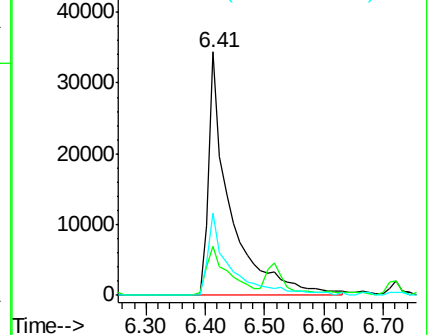
71 33.7 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

Tgt Ion: 136 Resp: 740767

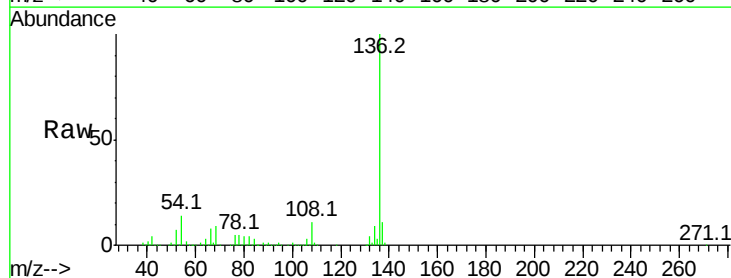
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 14.4 4.5 6.7#

68 9.4 3.6 5.4#

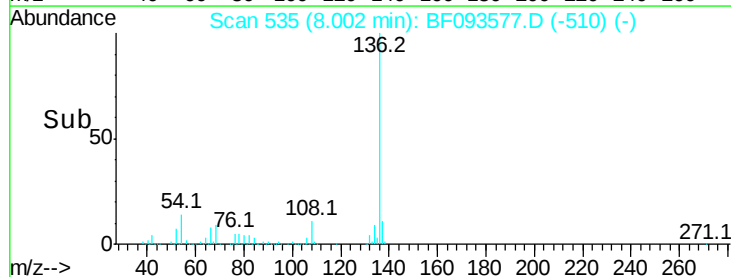
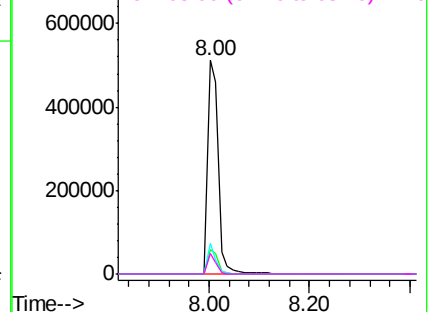


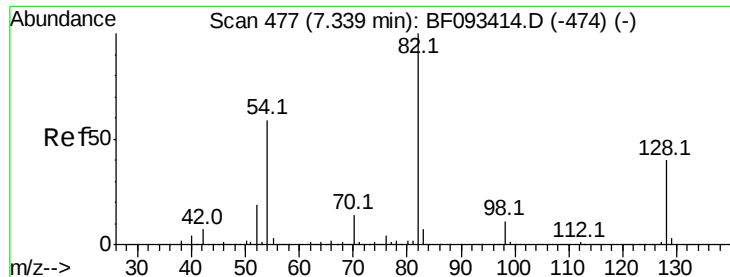
Abundance Ion 136.00 (135.70 to 136.70): E

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

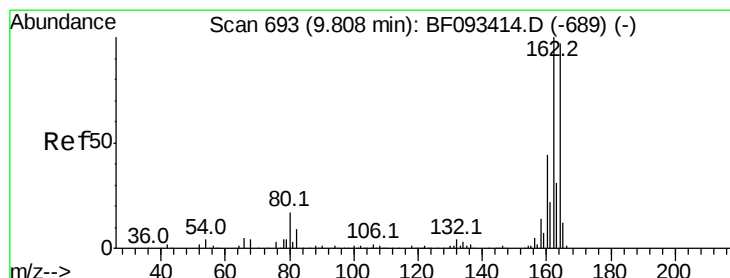
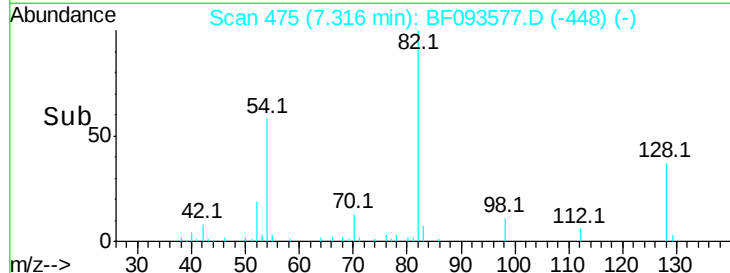
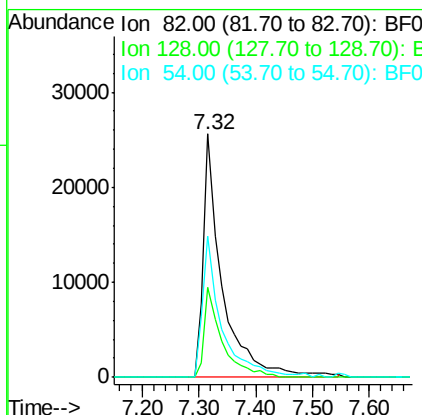
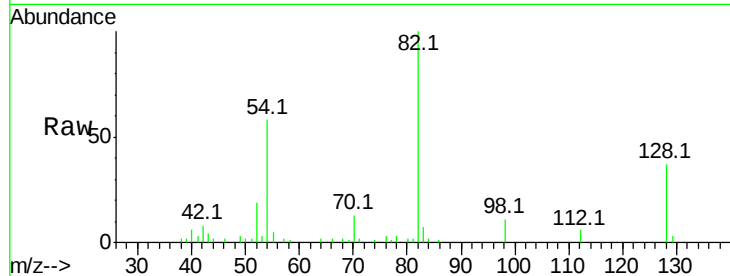




#23
 Nitrobenzene-d5
 Concen: 4.35 ng
 RT: 7.32 min Scan# 475
 Delta R.T. 0.01 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

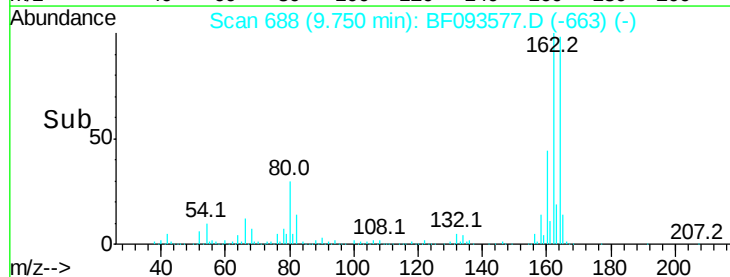
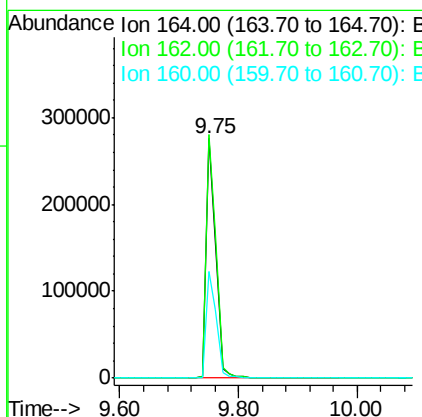
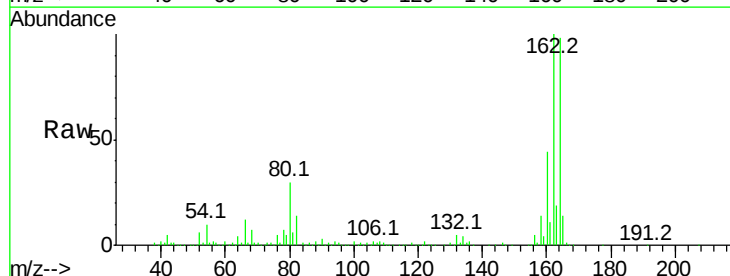
Instrument :
 BNA_F
 ClientSampleId :
 E2-V5-BASE

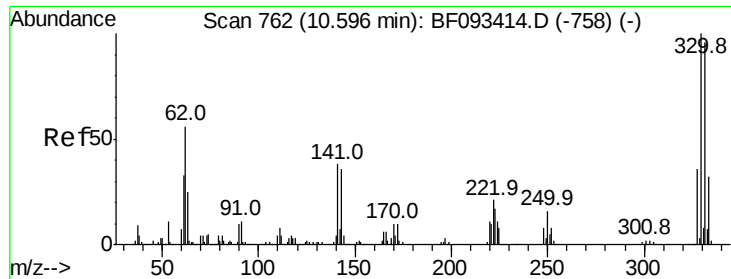
Tot Ion:	82	Resp:	58036
Ion	Ratio	Lower	Upper
82	100		
128	36.9	34.6	52.0
54	58.2	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

Tgt Ion:	164	Resp:	316965
Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.7	36.9	55.3

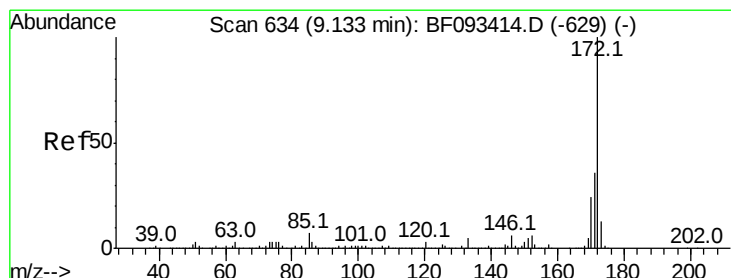
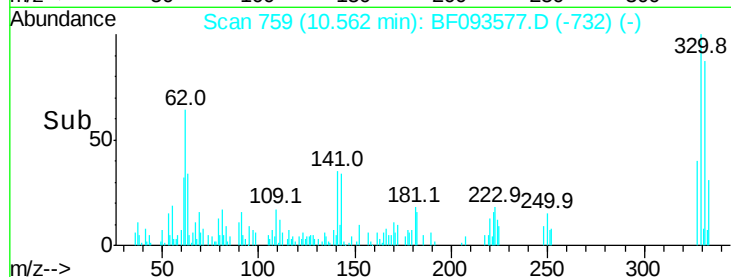
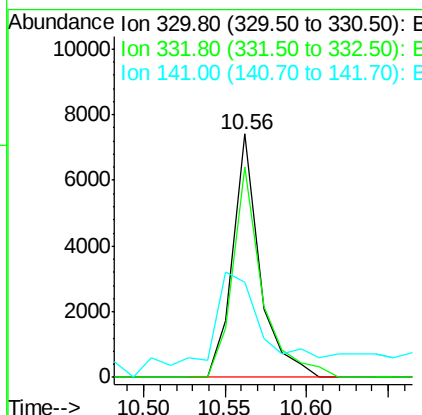
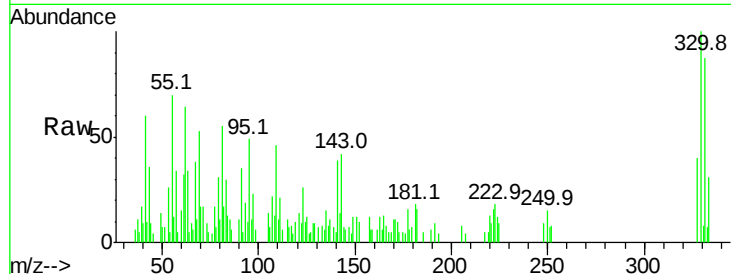




#41
 2,4,6-Tribromophenol
 Concen: 4.12 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

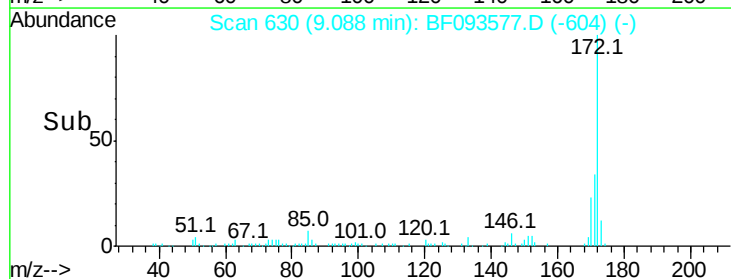
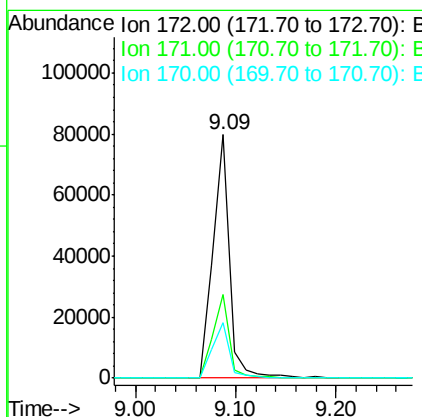
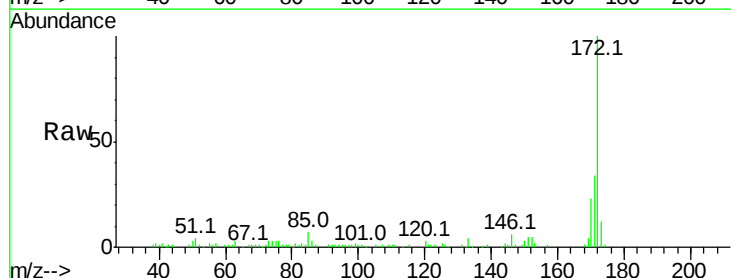
Instrument :
 BNA_F
 ClientSampleId :
 E2-V5-BASE

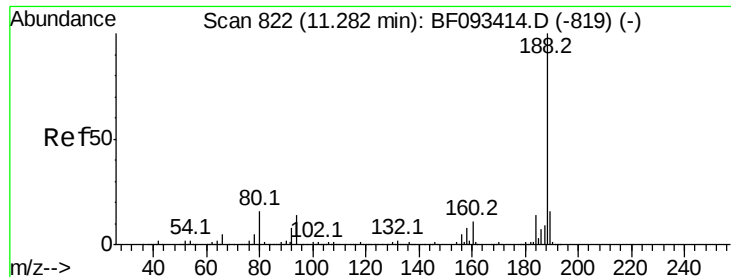
Tot Ion:330 Resp: 8508
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.2
 141 92.4 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 5.33 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093577.D
 Acq: 11 Mar 2017 19:48

Tgt Ion:172 Resp: 90748
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.4 44.0
 170 23.0 20.2 30.4

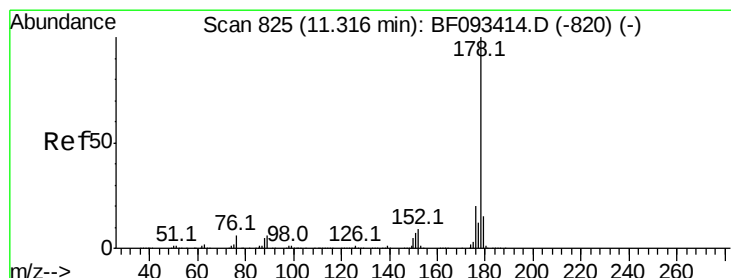
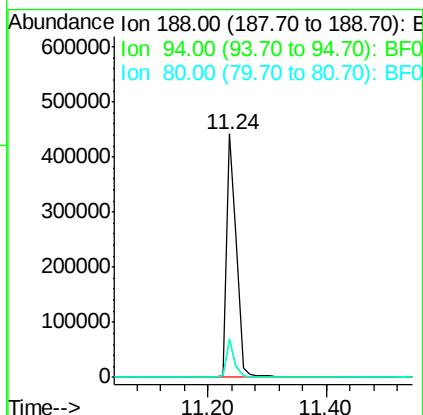
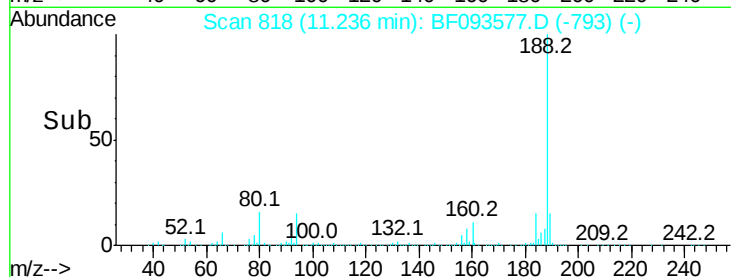
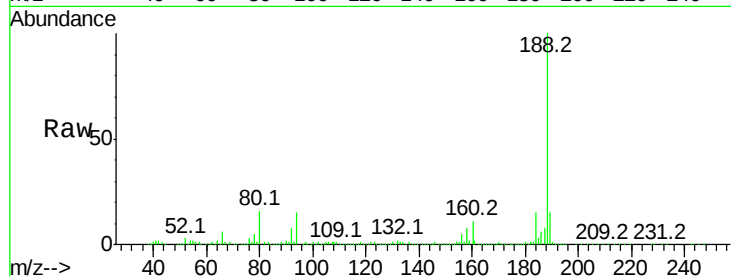




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093577.D
Acq: 11 Mar 2017 19:48

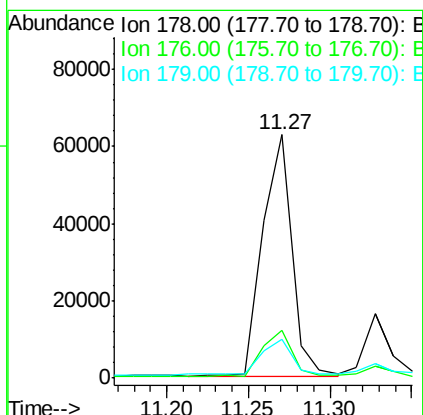
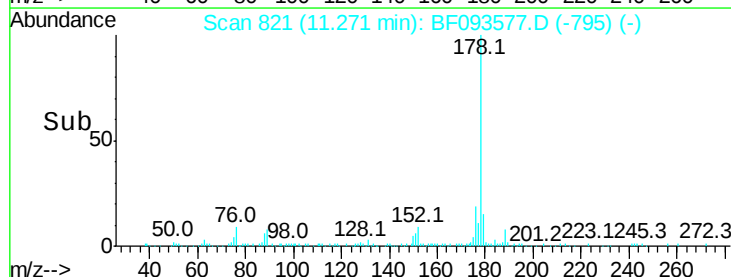
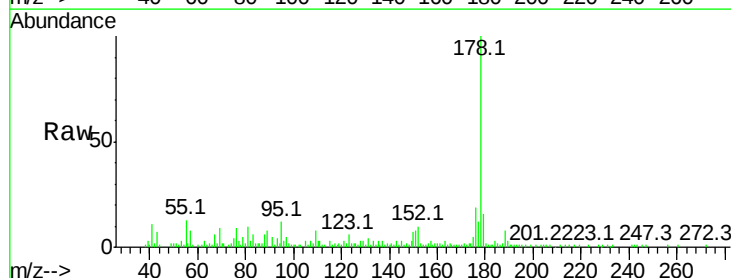
Instrument :
BNA_F
ClientSampleId :
E2-V5-BASE

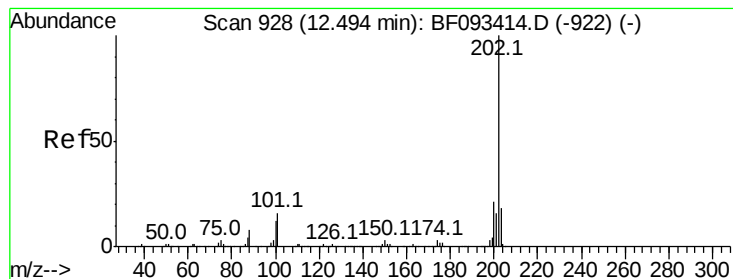
Tot Ion:188 Resp: 506701
Ion Ratio Lower Upper
188 100
94 15.5 10.0 15.0#
80 15.9 11.2 16.8



#70
Phenanthrene
Concen: 2.71 ng
RT: 11.27 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF093577.D
Acq: 11 Mar 2017 19:48

Tgt Ion:178 Resp: 78265
Ion Ratio Lower Upper
178 100
176 19.4 16.6 25.0
179 16.2 12.8 19.2





#74

Fluoranthene

Concen: 2.32 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

Instrument :

BNA_F

ClientSampleId :

E2-V5-BASE

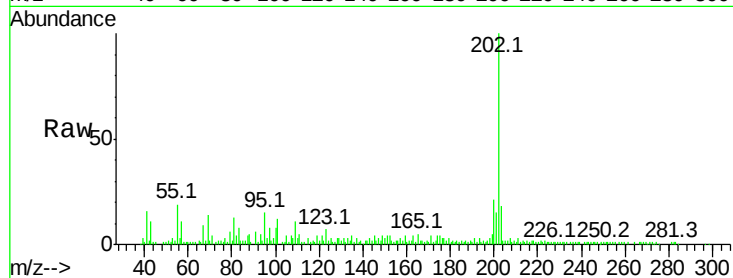
Tot Ion:202 Resp: 64740

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.6

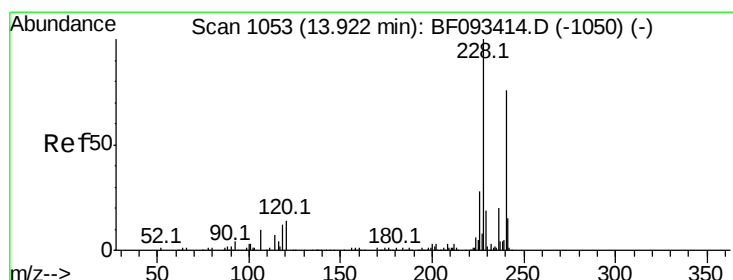
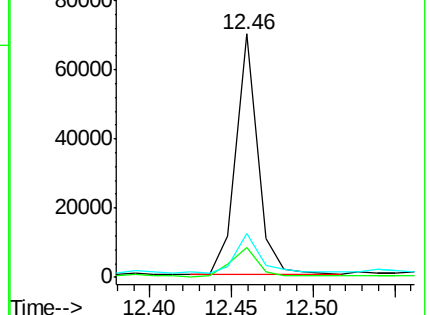
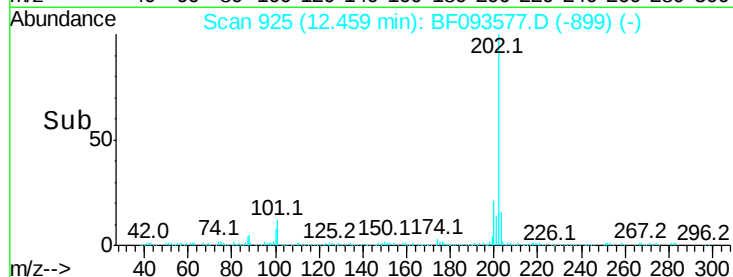
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

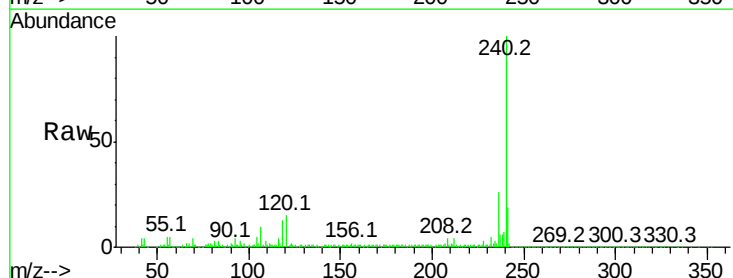
Tgt Ion:240 Resp: 361585

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

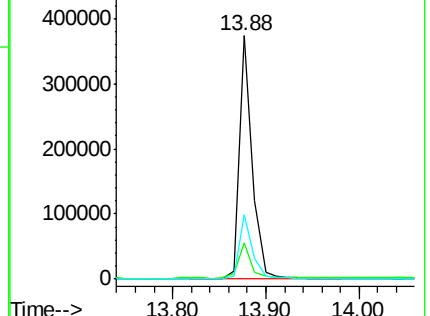
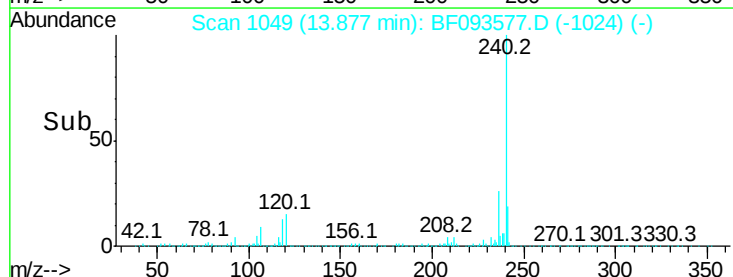
236 26.4 20.9 31.3

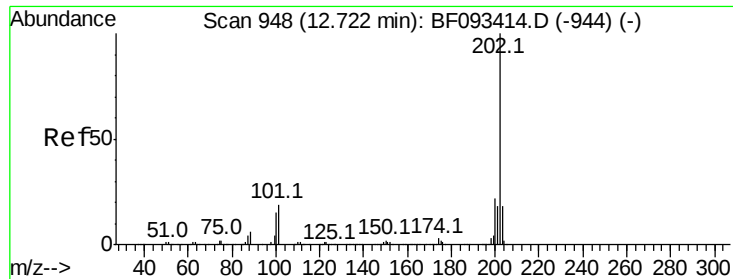


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.13 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

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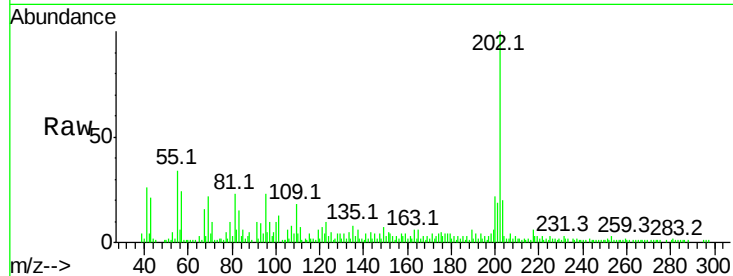
Tot Ion:202 Resp: 56090

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

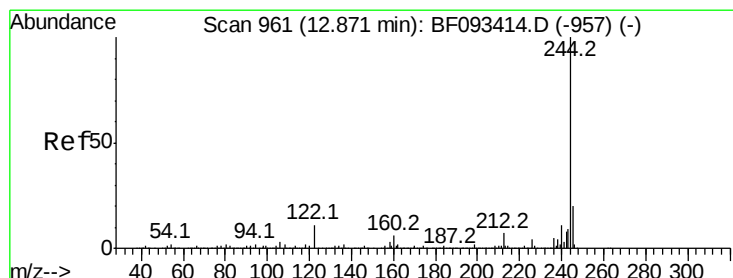
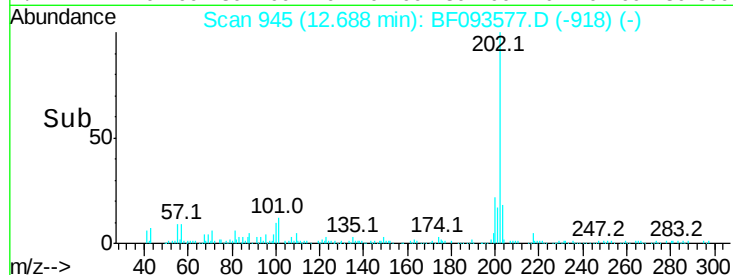
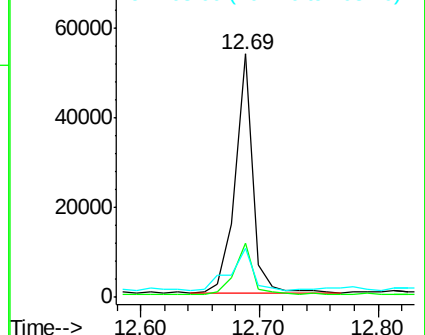
203 20.4 14.7 22.1



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: 4.15 ng

RT: 12.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093577.D

Acq: 11 Mar 2017 19:48

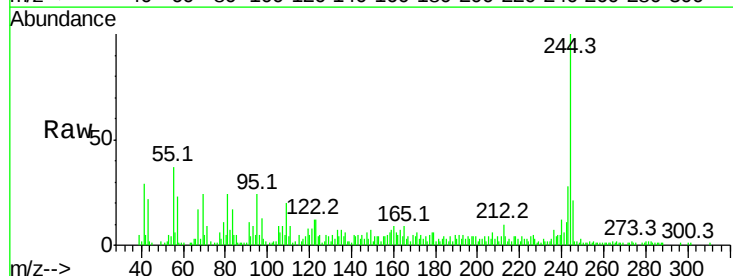
Tgt Ion:244 Resp: 57749

Ion Ratio Lower Upper

244 100

212 9.5 6.2 9.2#

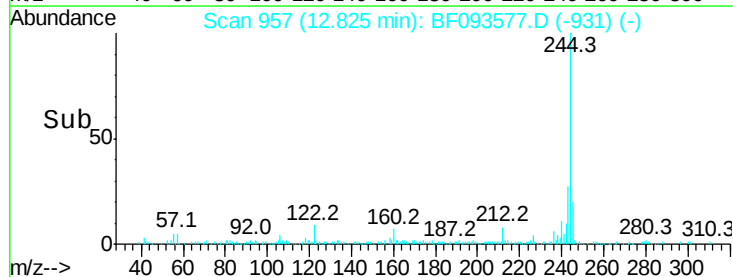
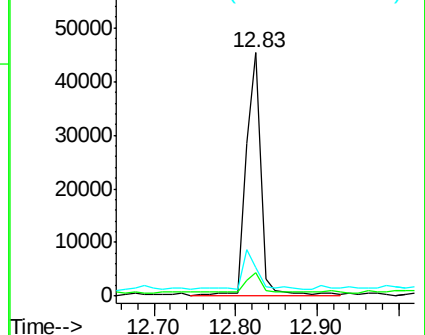
122 11.9 11.4 17.2

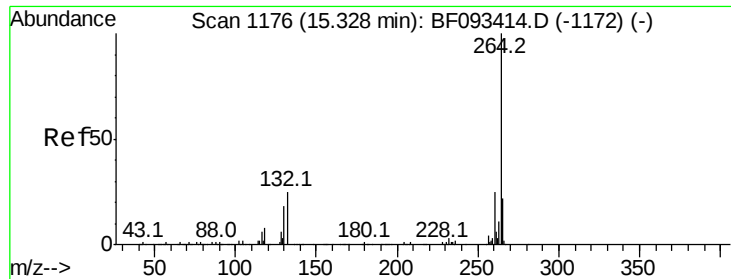


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

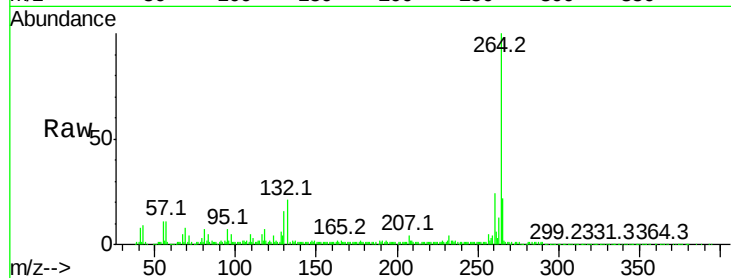




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF093577.D
Acq: 11 Mar 2017 19:48

Instrument :
BNA_F
ClientSampleId :
E2-V5-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.4	26.0



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

