

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093705.D
 Acq On : 16 Mar 2017 14:52
 Operator : SJ/MA
 Sample : I2265-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW

Quant Time: Mar 17 03:15:25 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

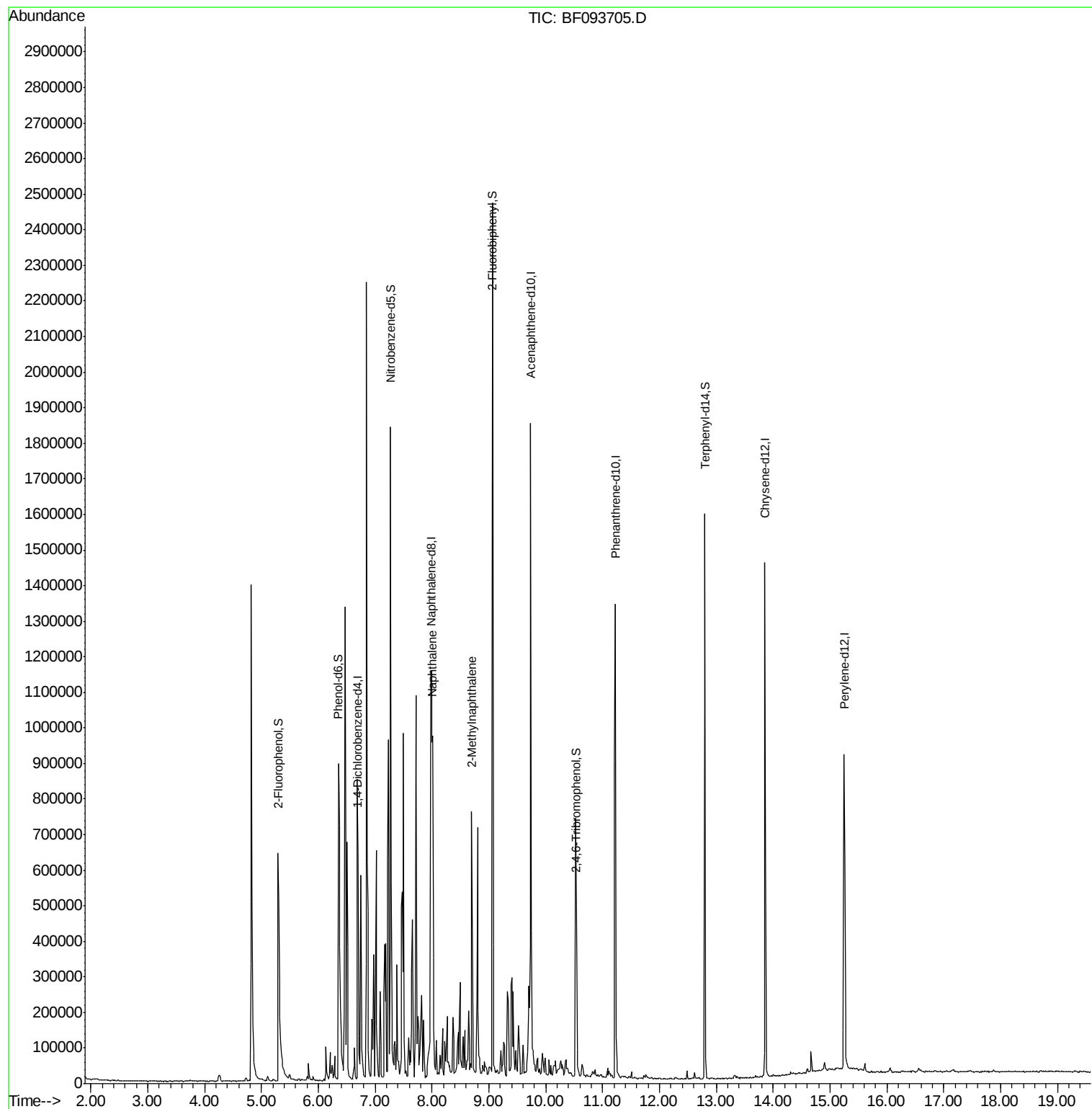
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172974	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	681482	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	340138	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	631757	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	546597	20.00	ng	-0.03
86) Perylene-d12	15.25	264	429112	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	386581	37.20	ng	-0.02
7) Phenol-d6	6.36	99	558504	42.61	ng	-0.02
23) Nitrobenzene-d5	7.27	82	604926	49.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	84802	38.27	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	730000	39.92	ng	-0.02
78) Terphenyl-d14	12.80	244	590372	28.08	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.00	128	378867	11.09	ng	99
37) 2-Methylnaphthalene	8.70	142	245589	11.30	ng	97

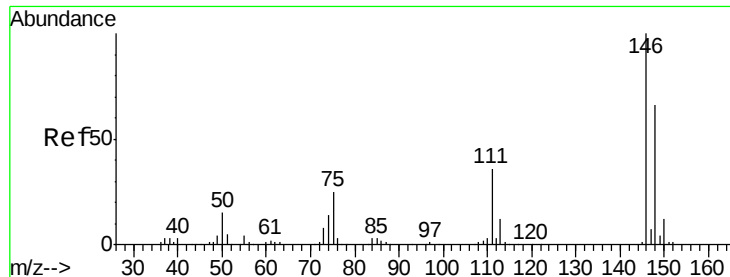
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093705.D
Acq On : 16 Mar 2017 14:52
Operator : SJ/MA
Sample : I2265-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-MW

Quant Time: Mar 17 03:15:25 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

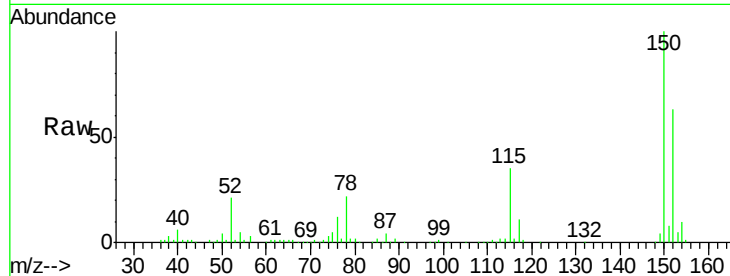




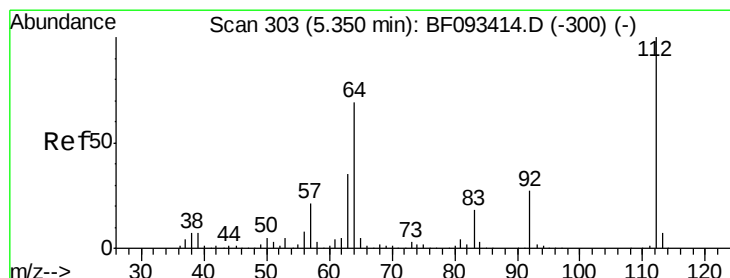
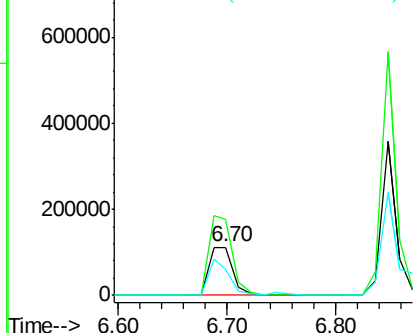
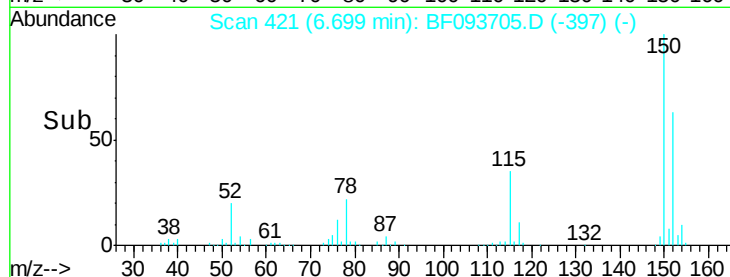
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW

Tot Ion:152 Resp: 172974
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.9 187.3
 115 54.6 46.0 69.0

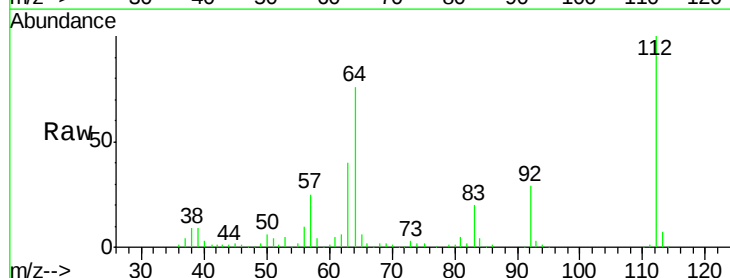


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

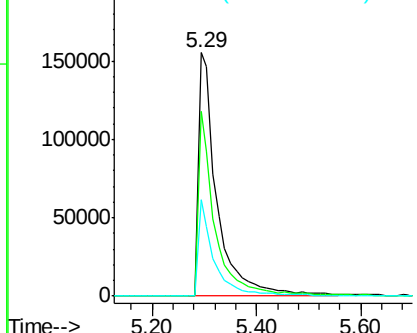
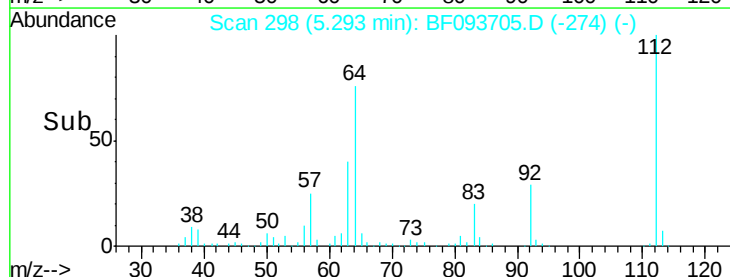


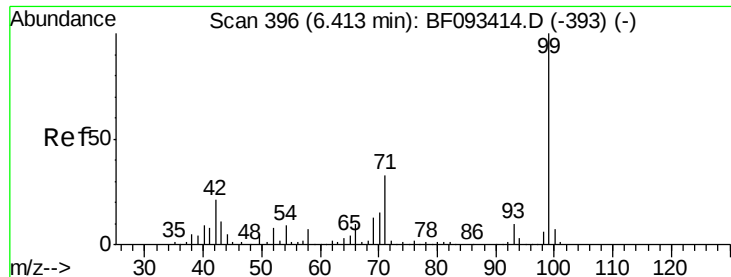
#5
 2-Fluorophenol
 Concen: 37.20 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

Tgt Ion:112 Resp: 386581
 Ion Ratio Lower Upper
 112 100
 64 75.9 46.1 69.1#
 63 39.5 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: 42.61 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Instrument :

BNA_F

ClientSampleId :

TEC-MW

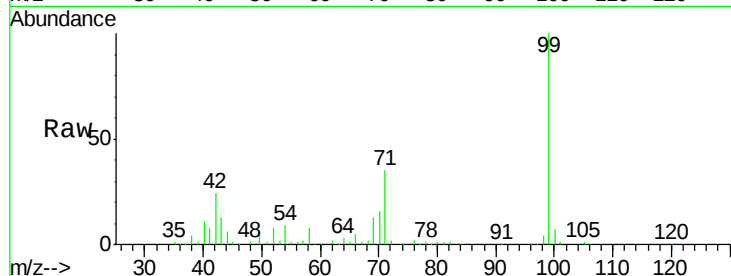
Tot Ion: 99 Resp: 558504

Ion Ratio Lower Upper

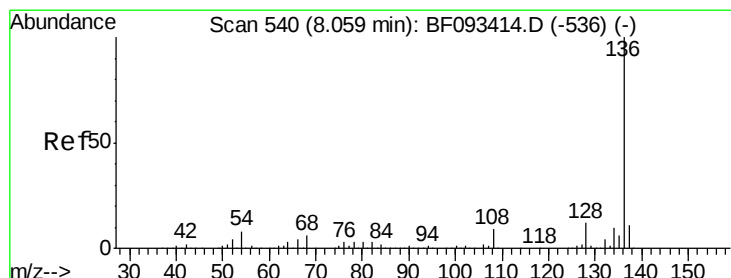
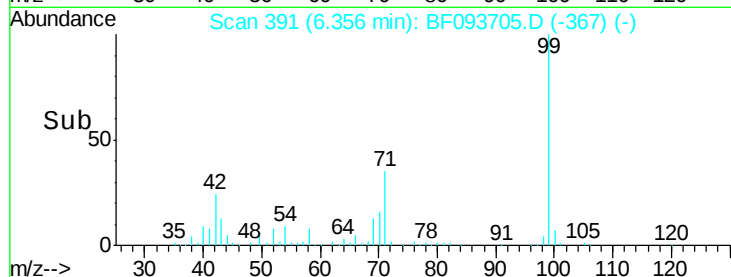
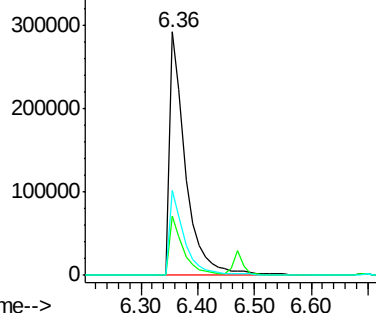
99 100

42 24.5 15.6 23.4#

71 34.8 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: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Tgt Ion: 136 Resp: 681482

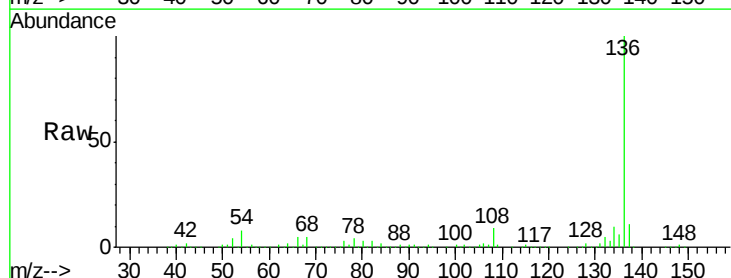
Ion Ratio Lower Upper

136 100

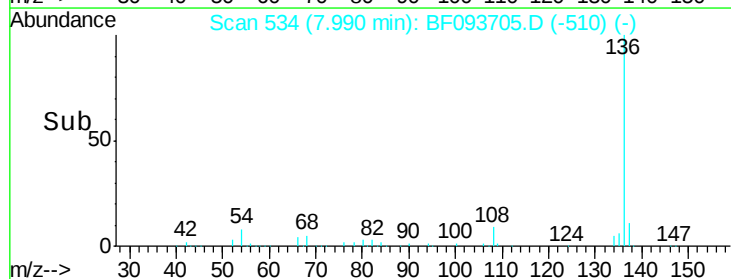
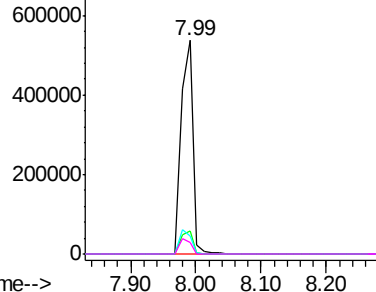
137 10.6 8.4 12.6

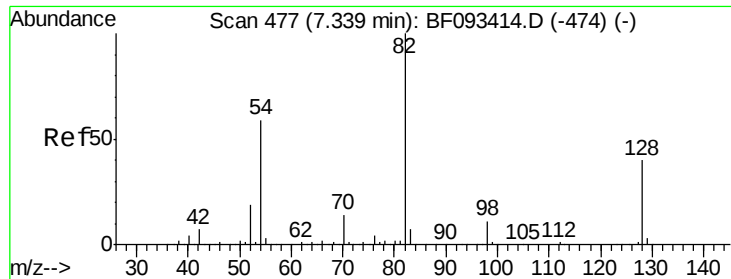
54 8.1 4.5 6.7#

68 5.3 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

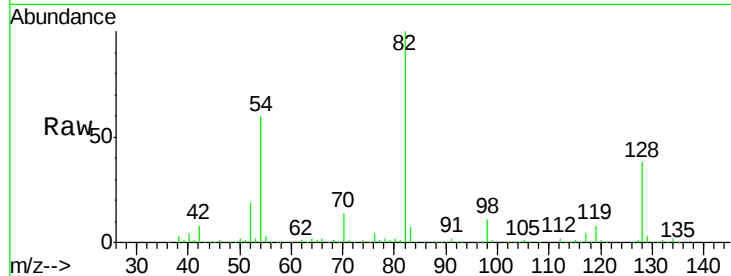




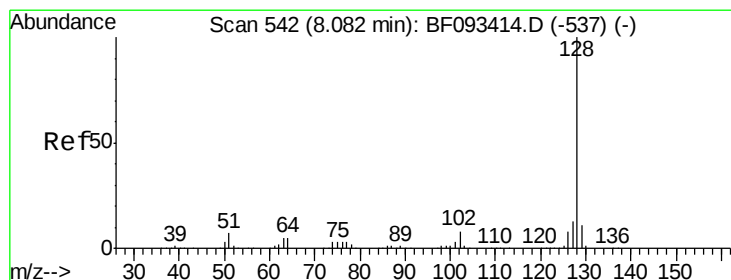
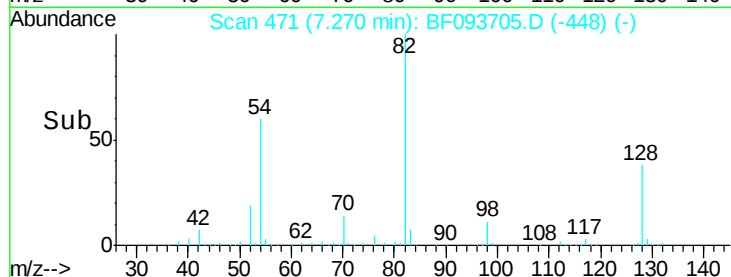
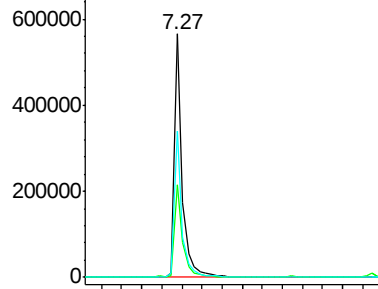
#23
Nitrobenzene-d5
Concen: 49.25 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

Instrument :
BNA_F
ClientSampleId :
TEC-MW

Tot Ion: 82 Resp: 604926
Ion Ratio Lower Upper
82 100
128 38.3 34.6 52.0
54 59.9 39.5 59.3#

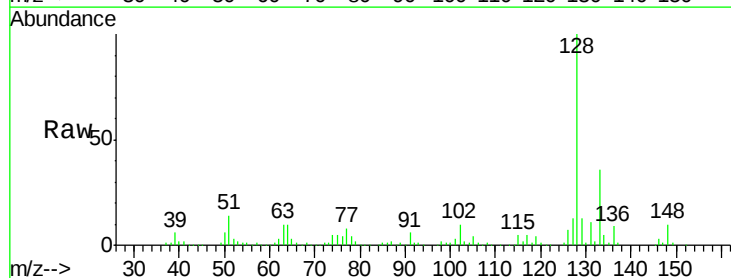


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

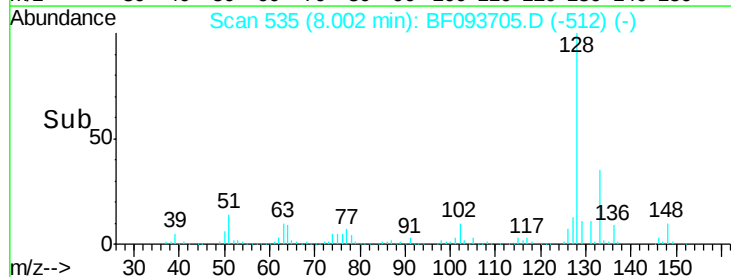
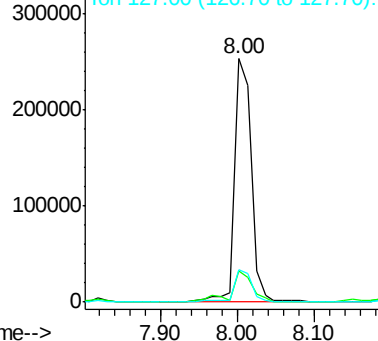


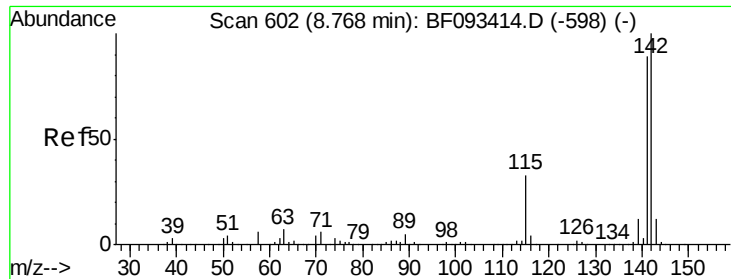
#31
Naphthalene
Concen: 11.09 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

Tgt Ion: 128 Resp: 378867
Ion Ratio Lower Upper
128 100
129 12.6 9.5 14.3
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

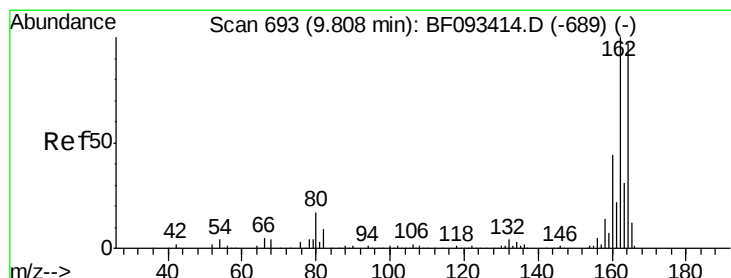
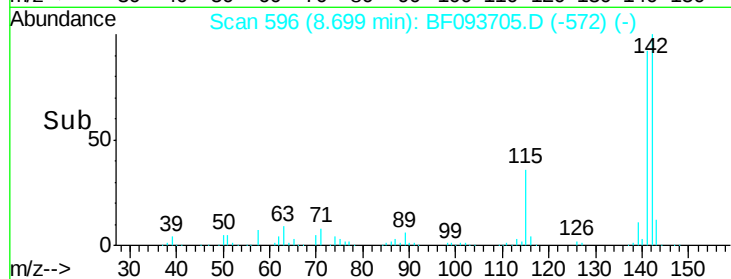
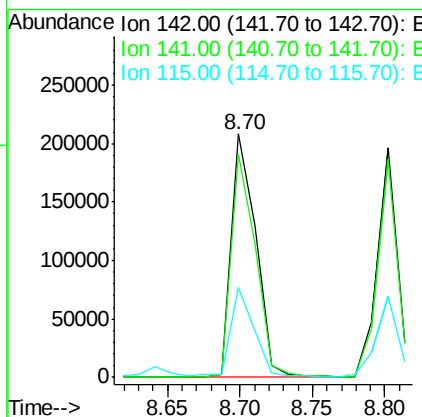
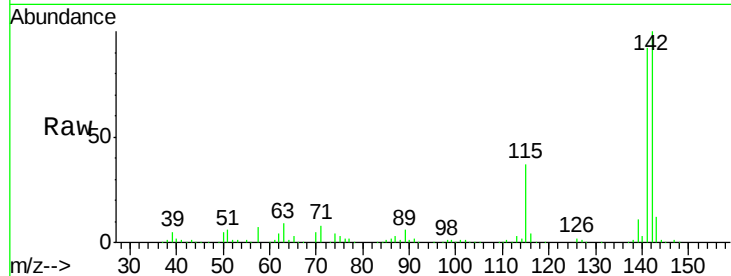




#37
 2-Methylnaphthalene
 Concen: 11.30 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

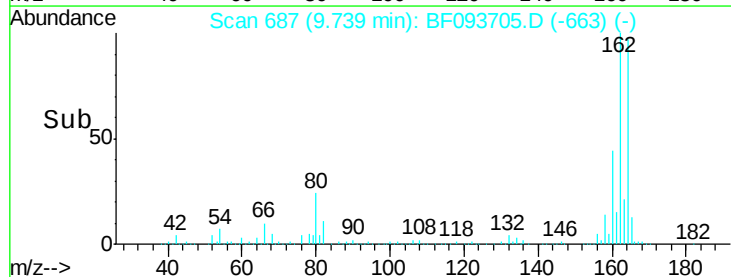
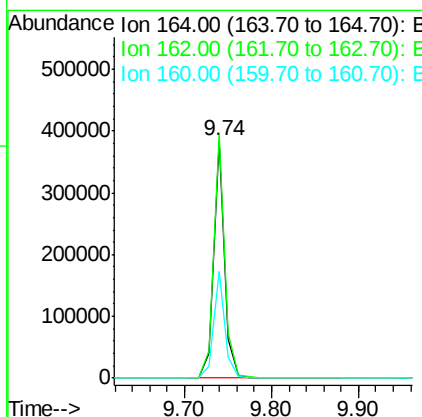
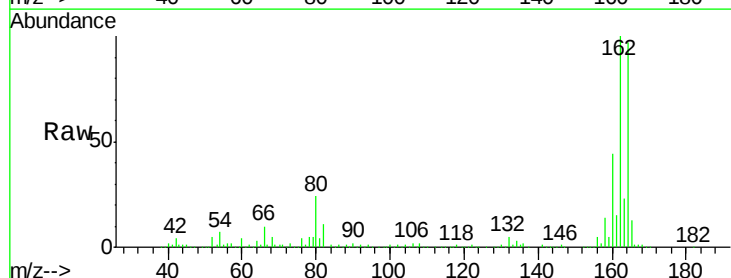
Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW

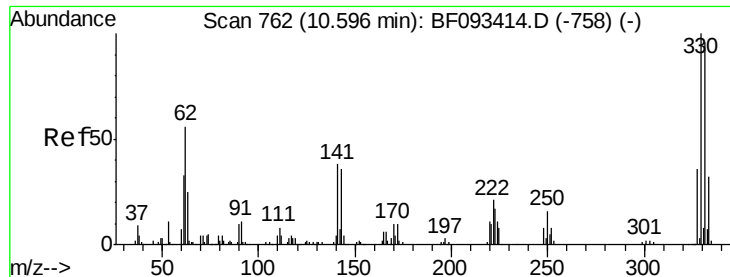
Tot Ion:142 Resp: 245589
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.0 106.6
 115 36.8 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

Tgt Ion:164 Resp: 340138
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.2 120.2
 160 45.2 36.9 55.3

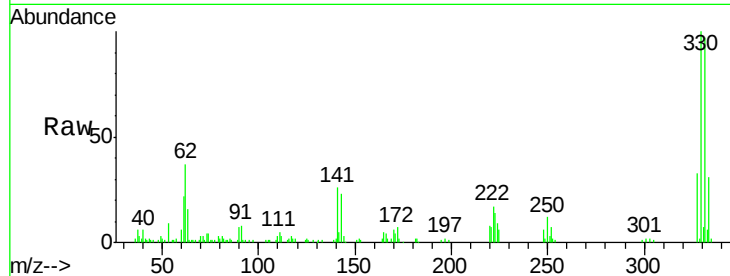




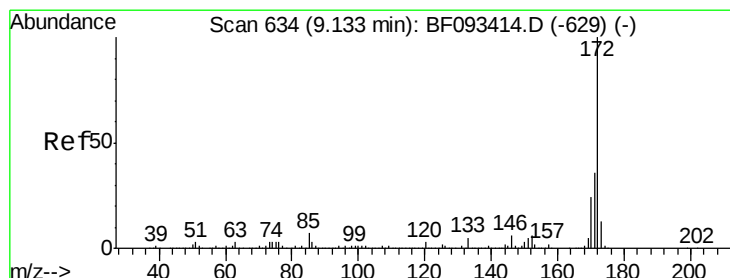
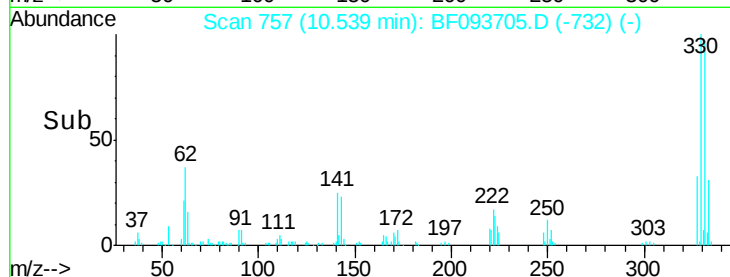
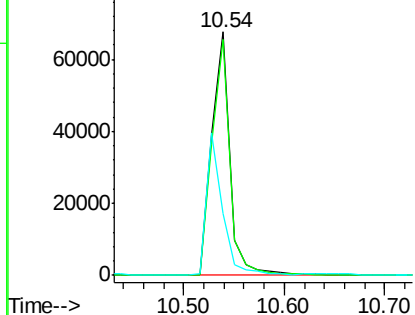
#41
 2,4,6-Tribromophenol
 Concen: 38.27 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW

Tot Ion:330 Resp: 84802
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 51.9 34.1 51.1#

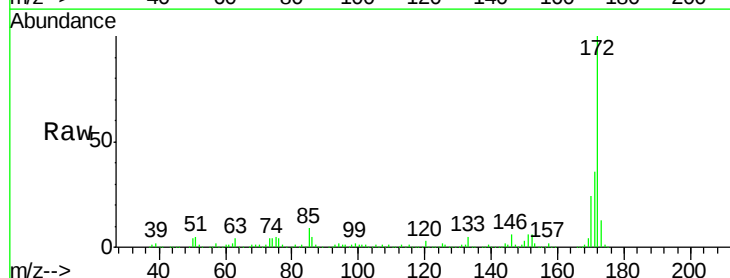


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

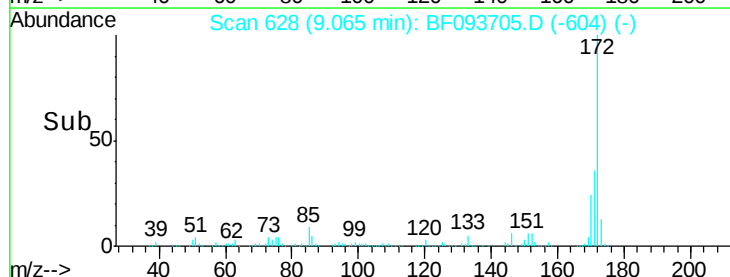
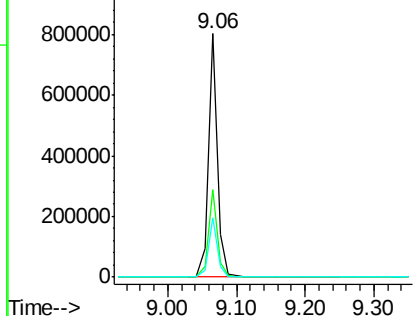


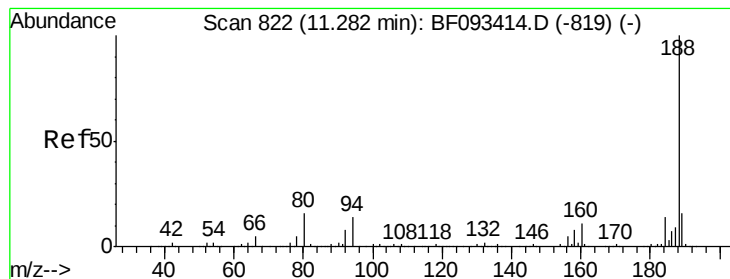
#44
 2-Fluorobiphenyl
 Concen: 39.92 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

Tgt Ion:172 Resp: 730000
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 20.2 30.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Instrument :

BNA_F

ClientSampleId :

TEC-MW

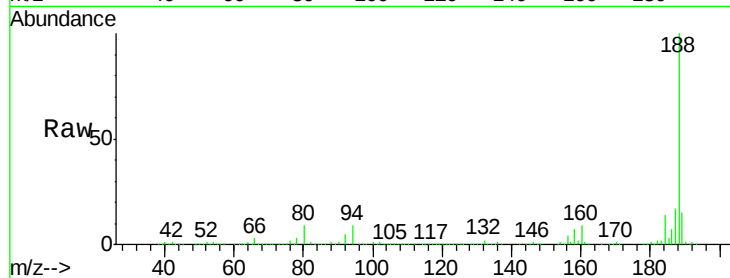
Tot Ion:188 Resp: 631757

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

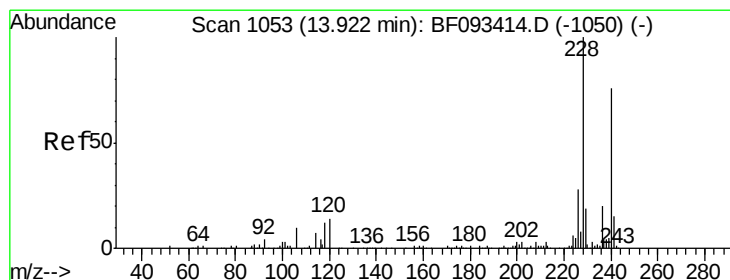
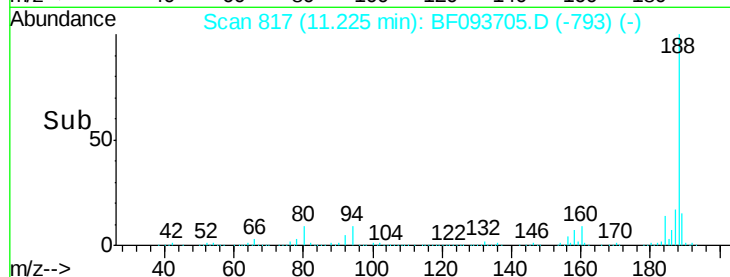
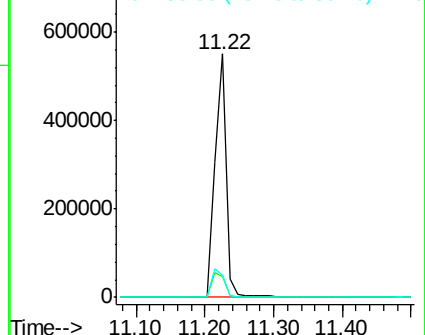
80 9.0 11.2 16.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

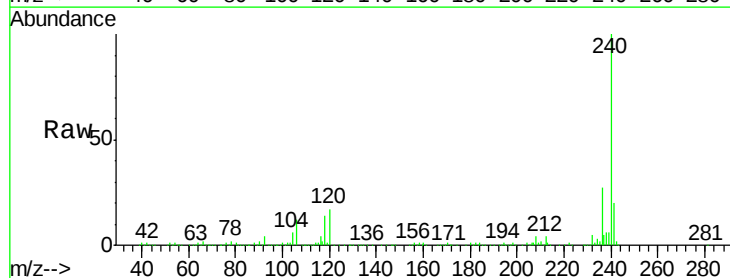
Tgt Ion:240 Resp: 546597

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

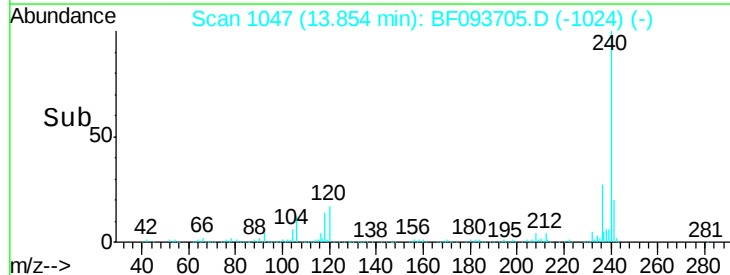
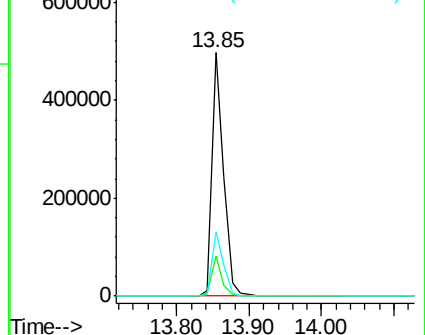
236 26.6 20.9 31.3

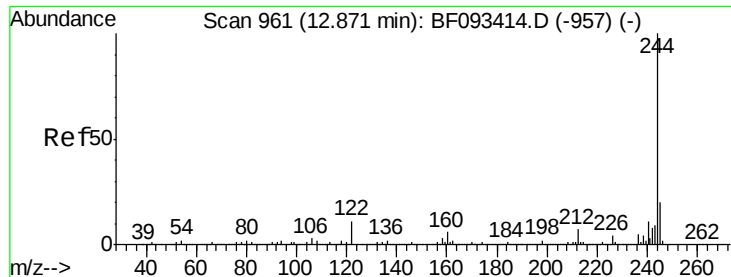


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 28.08 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Instrument :

BNA_F

ClientSampleId :

TEC-MW

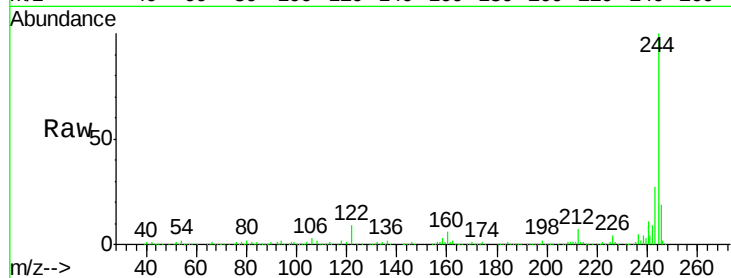
Tot Ion:244 Resp: 590372

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

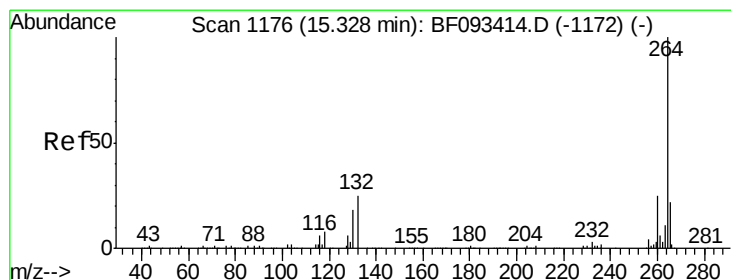
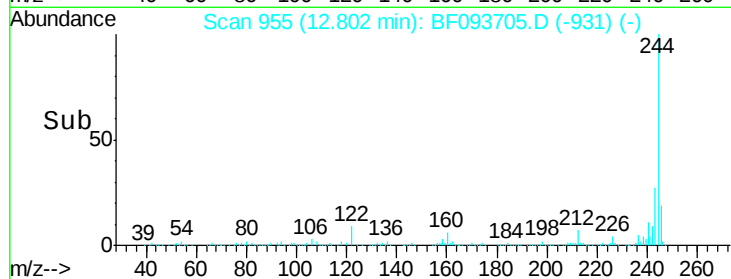
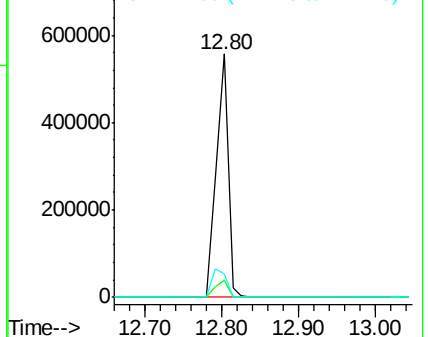
122 9.4 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.25 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

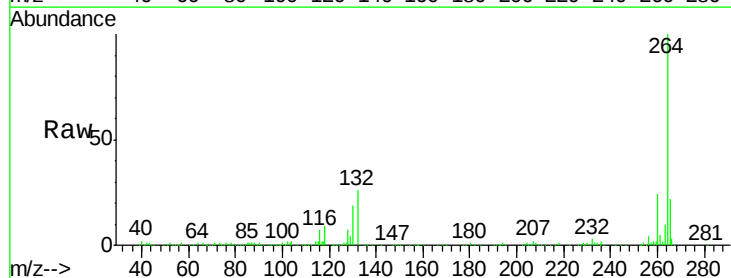
Tgt Ion:264 Resp: 429112

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.8 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

