

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 00:53:38 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

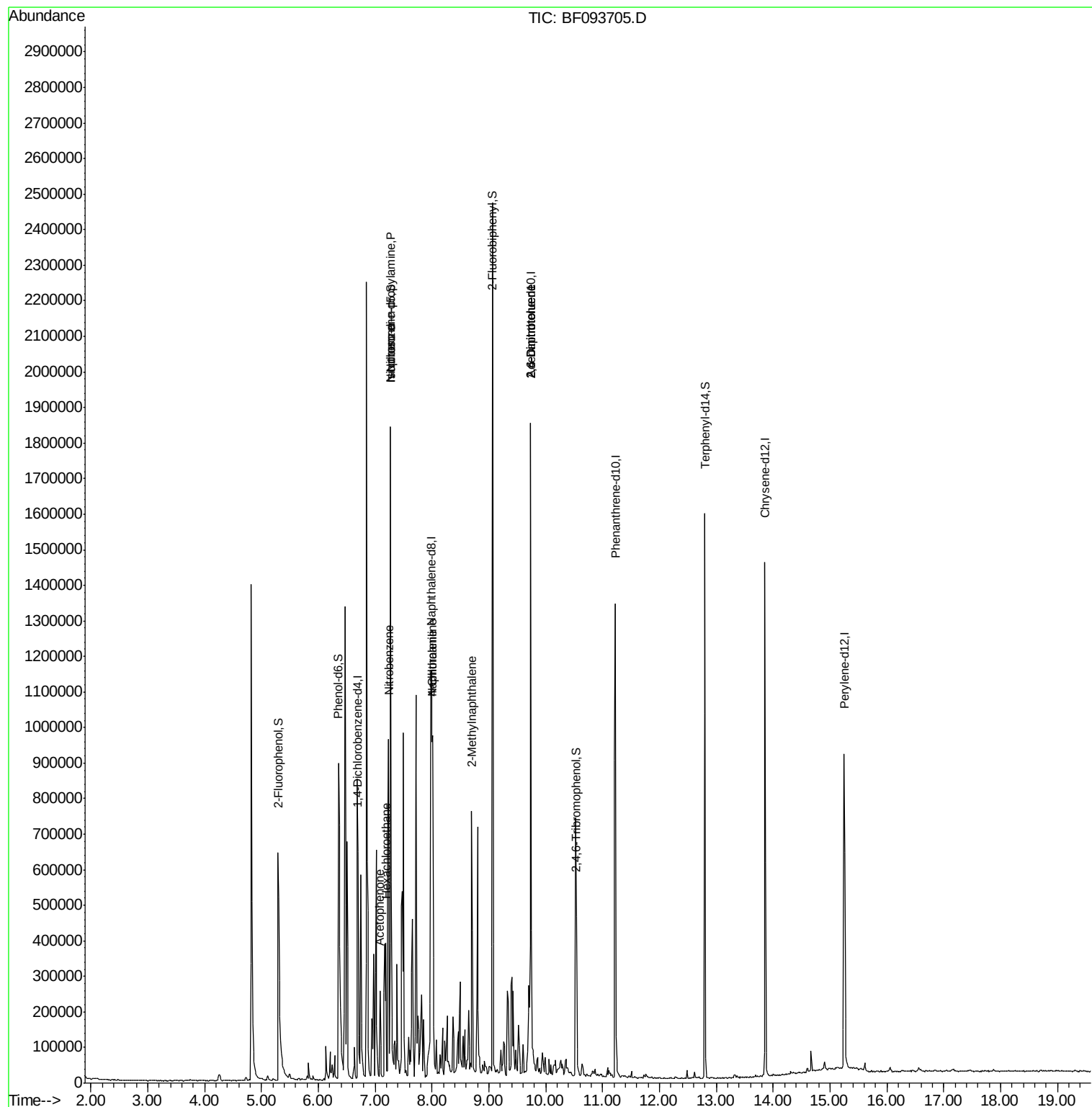
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172974	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	681482	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	340138	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	631757	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	546597	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						
9) Benzaldehyde	6.29	77	3450	Below Cal	#	1
18) Hexachloroethane	7.19	117	26682	5.80 ng	#	1
19) n-Nitroso-di-n-propylamine	7.27	70	83037	9.22 ng	#	84
22) Acetophenone	7.09	105	109637	6.69 ng	#	56
24) Nitrobenzene	7.24	77	44716	3.24 ng	#	19
25) Isophorone	7.27	82	590839	23.85 ng	#	65
31) Naphthalene	8.00	128	378867	11.09 ng		99
33) 4-Chloroaniline	8.00	127	55784	4.03 ng	#	44
37) 2-Methylnaphthalene	8.70	142	245589	11.30 ng		97
50) 2,6-Dinitrotoluene	9.74	165	47356	9.57 ng	#	32
56) 2,4-Dinitrotoluene	9.74	165	47356	7.79 ng	#	21

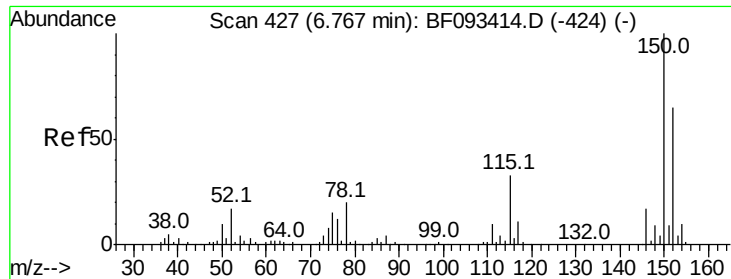
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:53:38 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



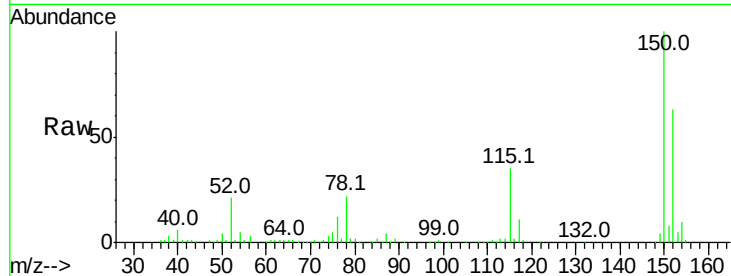


#1

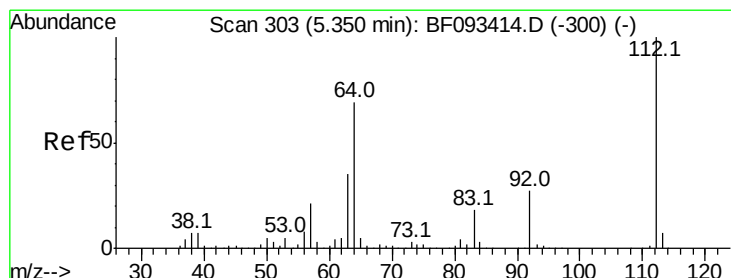
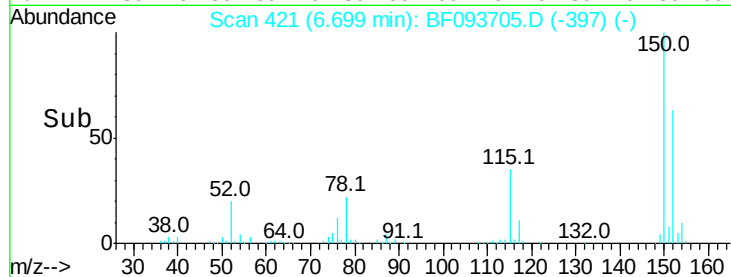
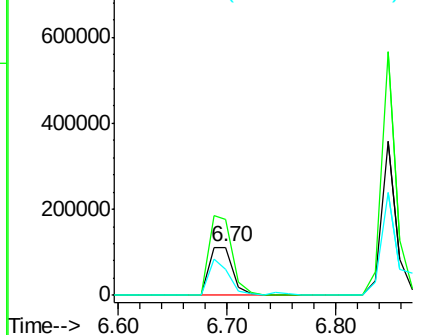
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

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



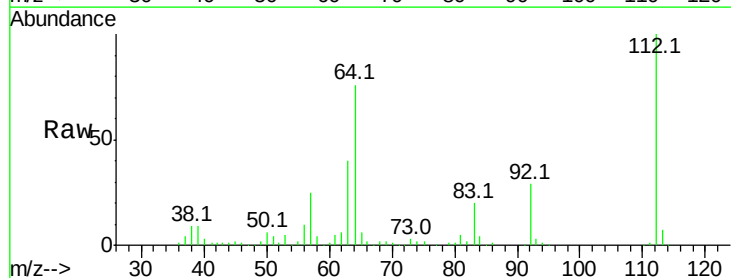
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



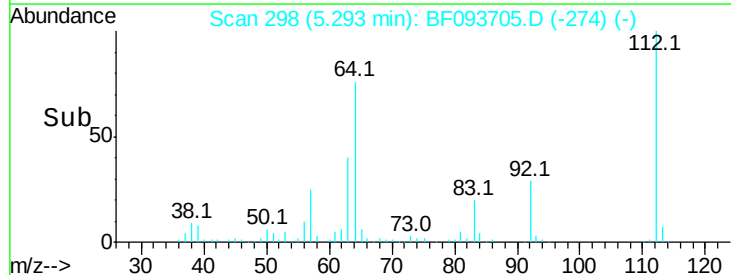
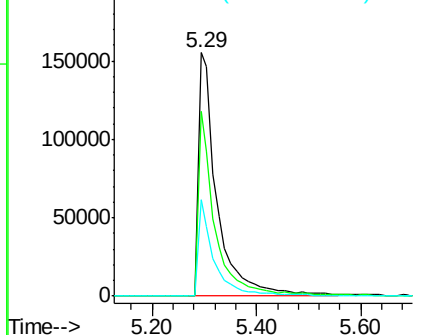
#5

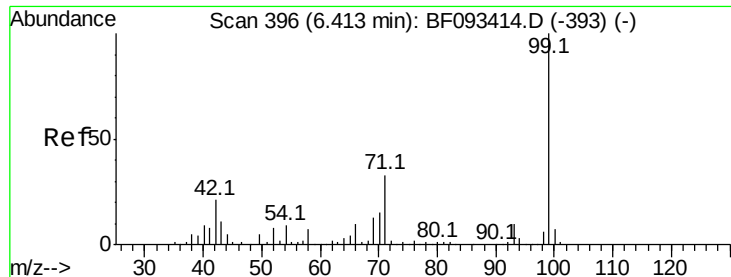
2-Fluorophenol
 Concen: 37.20 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

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

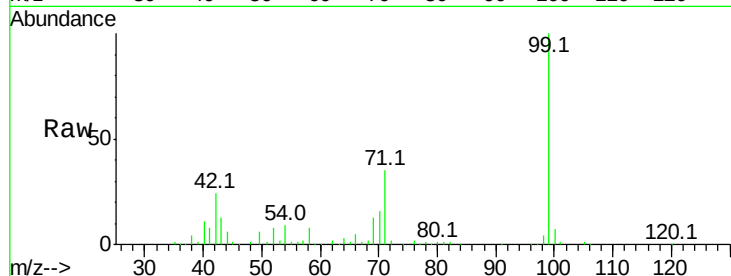
Tot Ion: 99 Resp: 558504

Ion Ratio Lower Upper

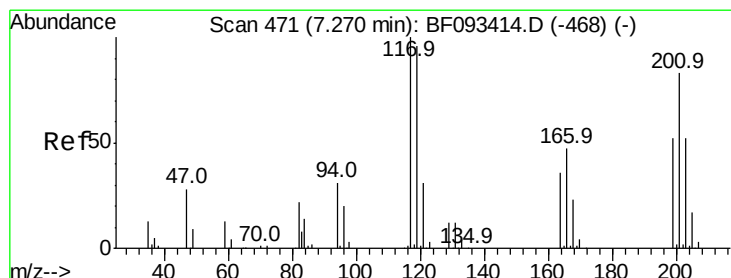
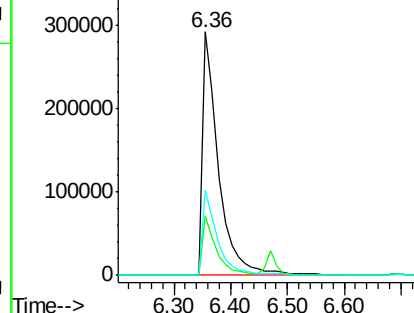
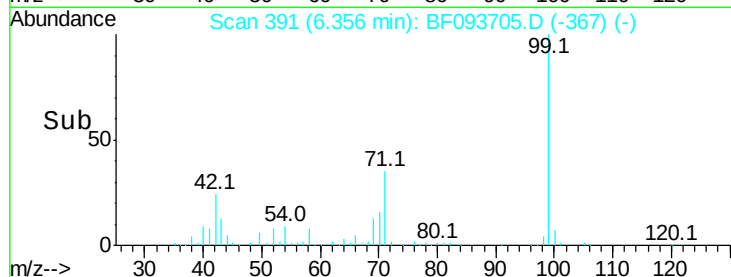
99 100

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



#18

Hexachloroethane

Concen: 5.80 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

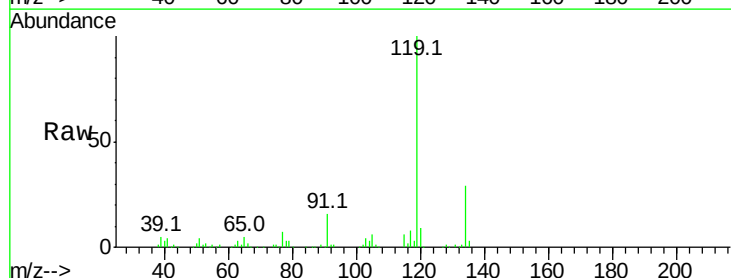
Tgt Ion: 117 Resp: 26682

Ion Ratio Lower Upper

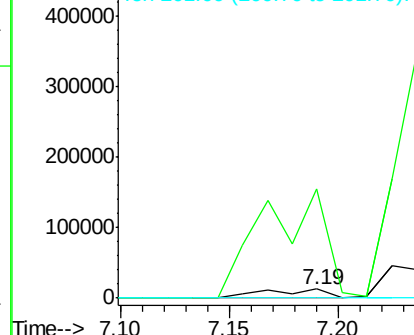
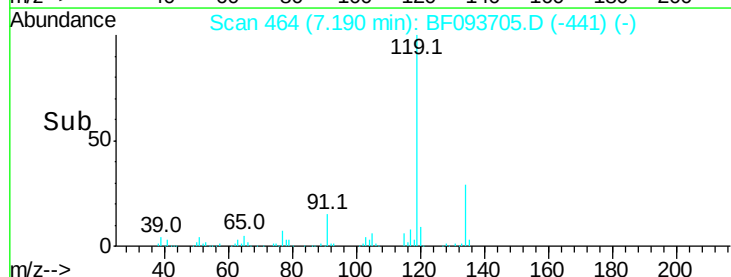
117 100

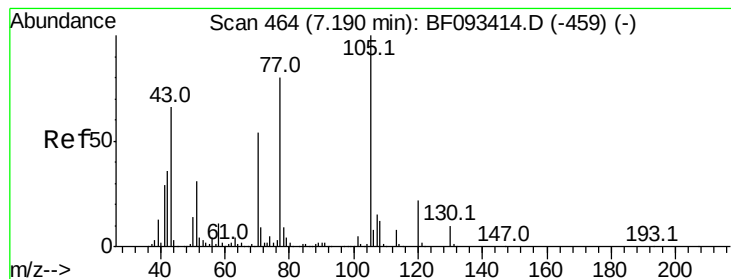
119 1228.1 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.22 ng

RT: 7.27 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Instrument :

BNA_F

ClientSampleId :

TEC-MW

Tot Ion: 70 Resp: 83037

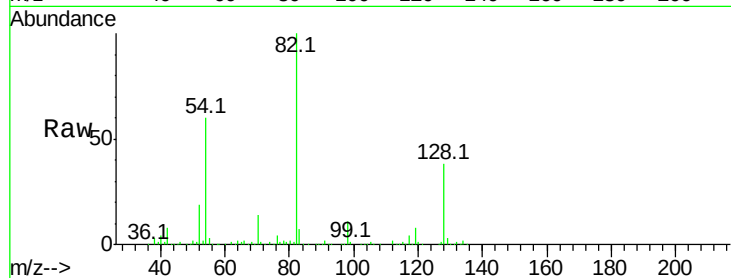
Ion Ratio Lower Upper

70 100

42 55.0 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



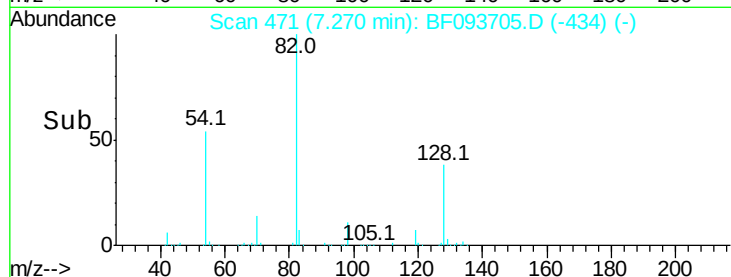
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

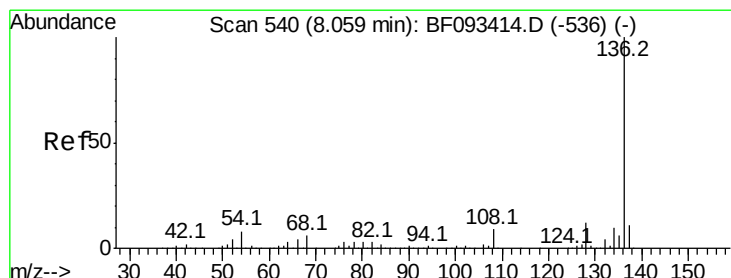
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Time-->



#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

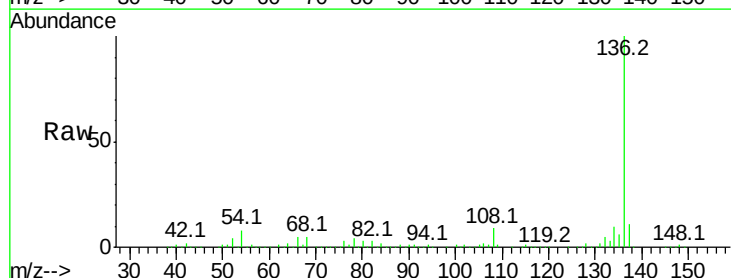
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.1 4.5 6.7#

68 5.3 3.6 5.4



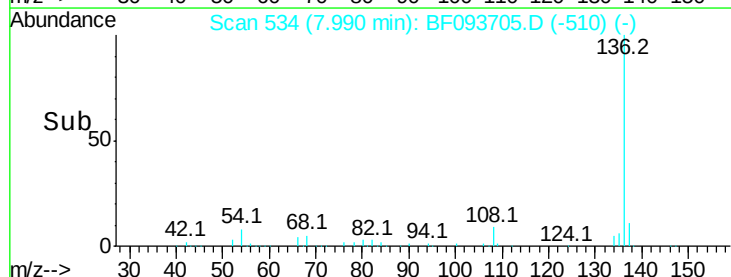
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

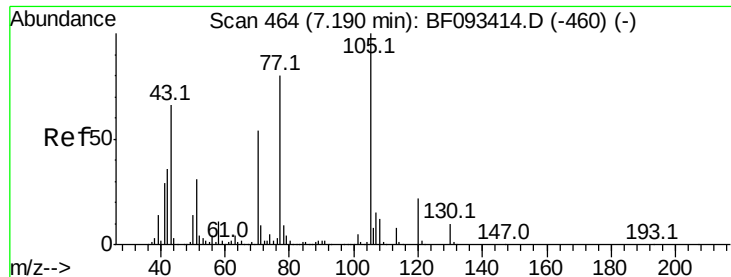
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 6.69 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.06 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Instrument :

BNA_F

ClientSampleId :

TEC-MW

Tot Ion:105 Resp: 109637

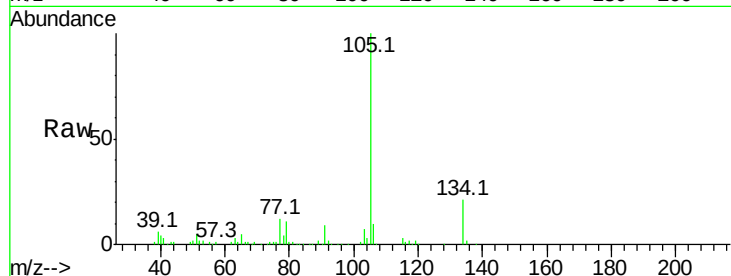
Ion Ratio Lower Upper

105 100

71 0.4 3.2 4.8#

51 5.1 26.2 39.4#

120 0.3 16.6 24.8#



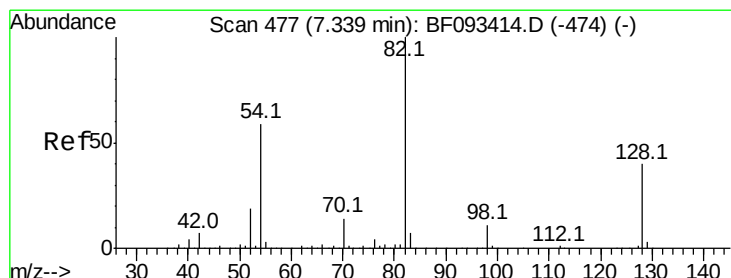
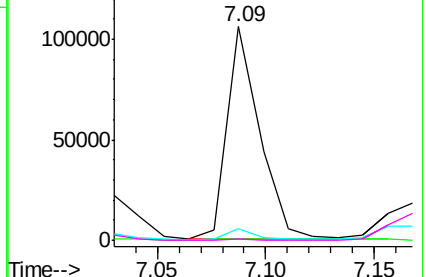
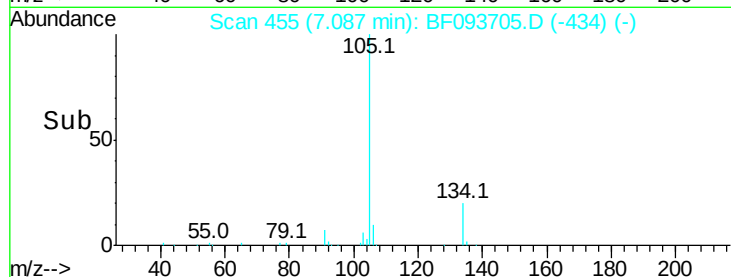
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#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

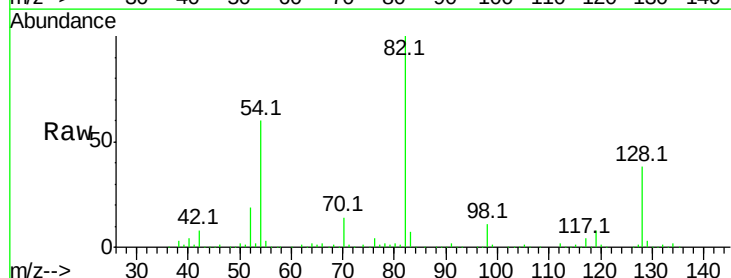
Tgt Ion: 82 Resp: 604926

Ion Ratio Lower Upper

82 100

128 38.3 34.6 52.0

54 59.9 39.5 59.3#

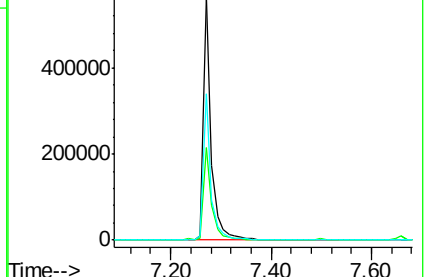
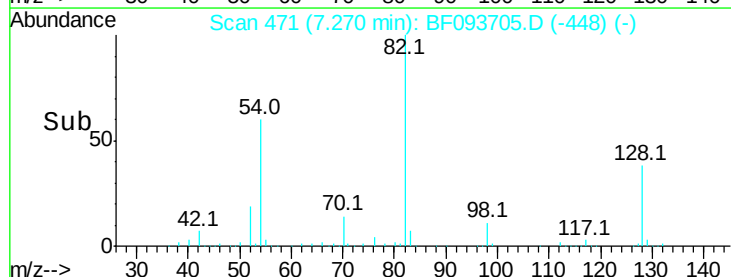


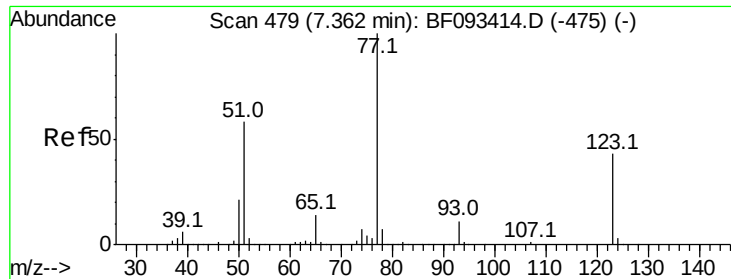
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

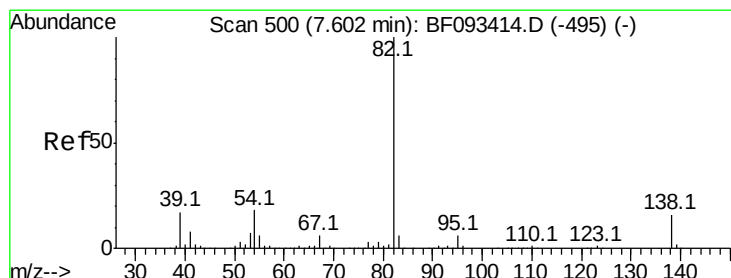
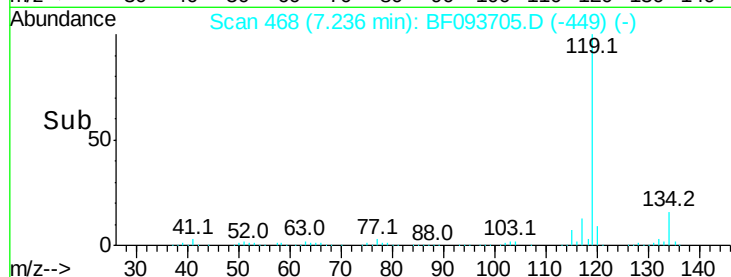
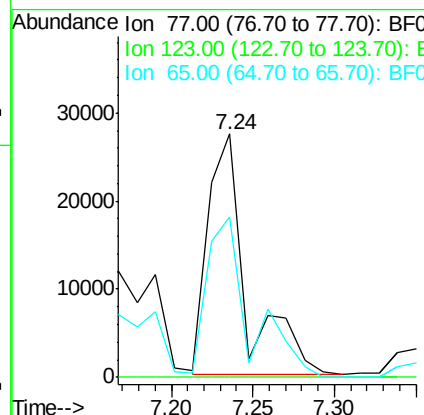
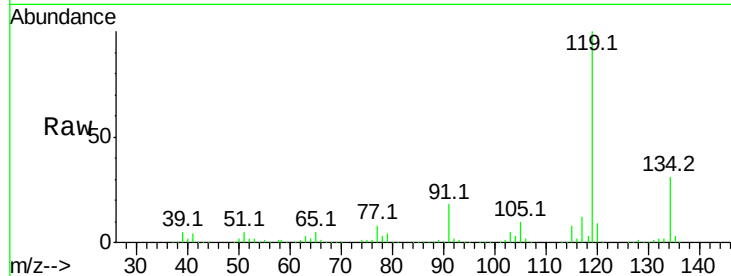




#24
Nitrobenzene
Concen: 3.24 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

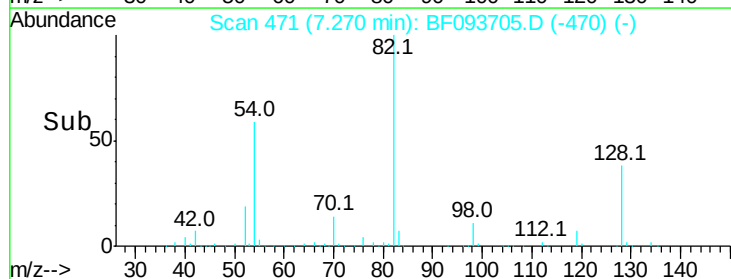
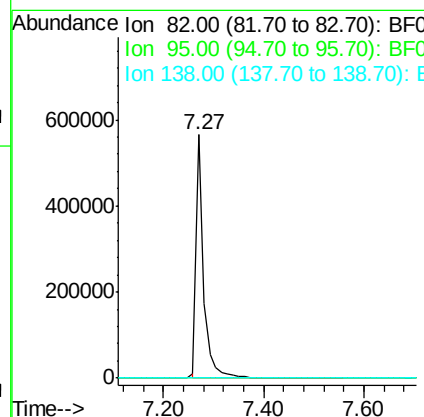
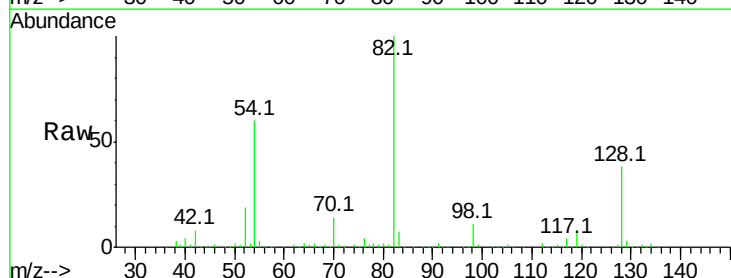
Instrument :
BNA_F
ClientSampleId :
TEC-MW

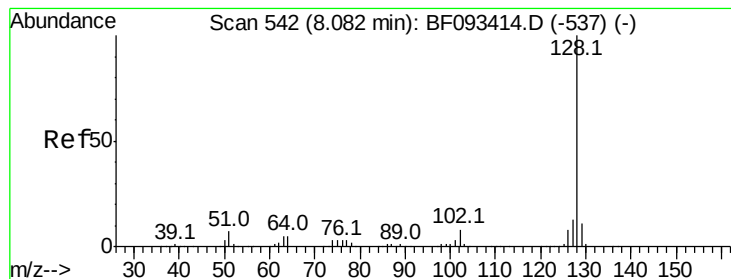
Tot Ion: 77 Resp: 44716
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.4#
65 66.0 11.2 16.8#



#25
Isophorone
Concen: 23.85 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.29 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

Tgt Ion: 82 Resp: 590839
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#





#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

Instrument :

BNA_F

ClientSampleId :

TEC-MW

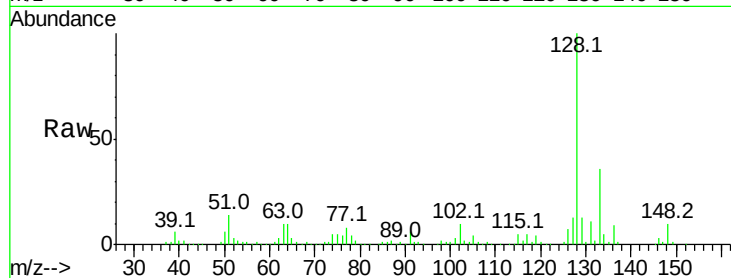
Tot Ion:128 Resp: 378867

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

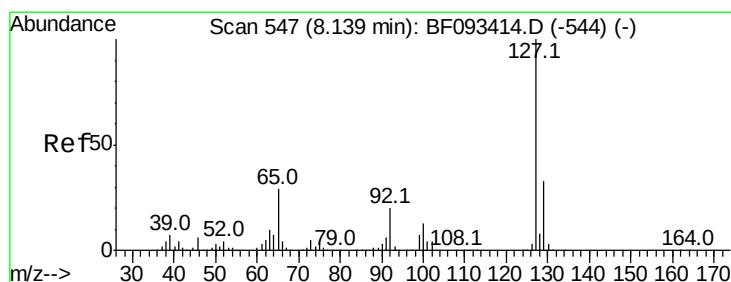
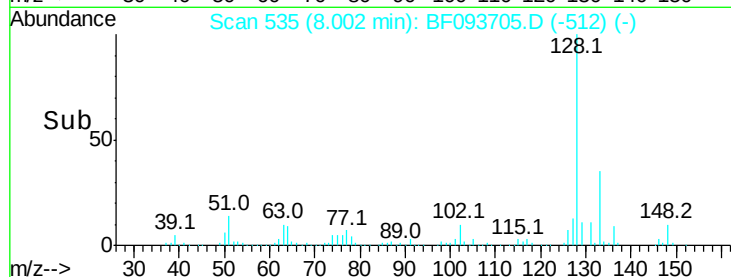
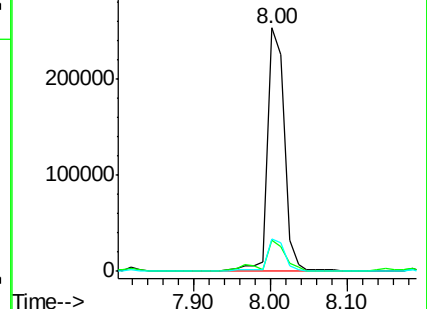
127 13.4 10.8 16.2



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



#33

4-Chloroaniline

Concen: 4.03 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.09 min

Lab File: BF093705.D

Acq: 16 Mar 2017 14:52

Tgt Ion:127 Resp: 55784

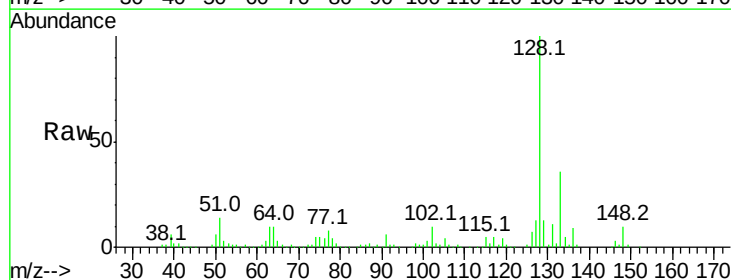
Ion Ratio Lower Upper

127 100

129 94.0 26.3 39.5#

65 19.2 25.8 38.8#

92 9.5 16.1 24.1#

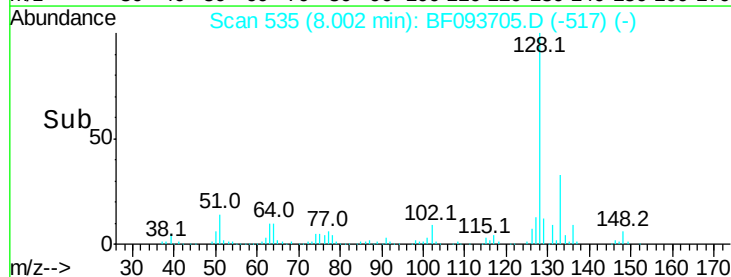
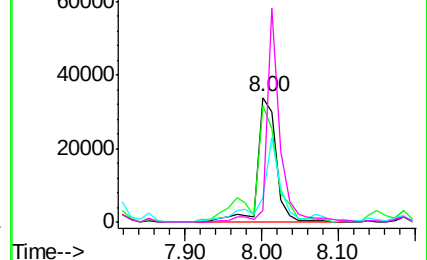


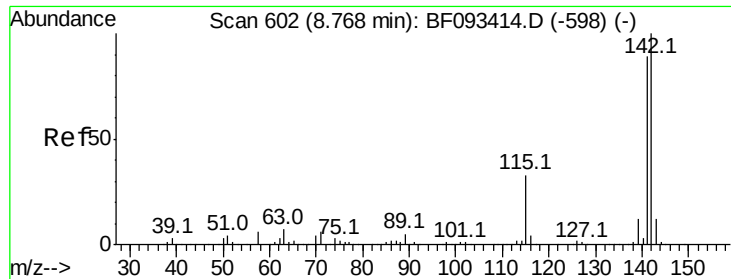
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

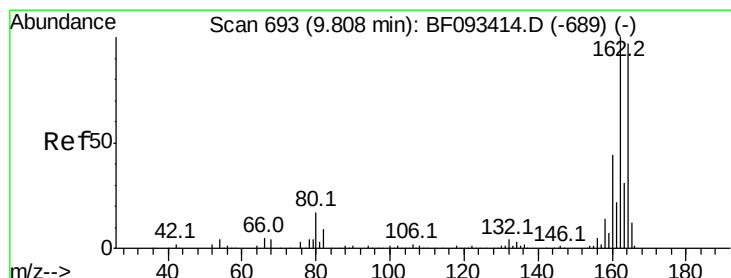
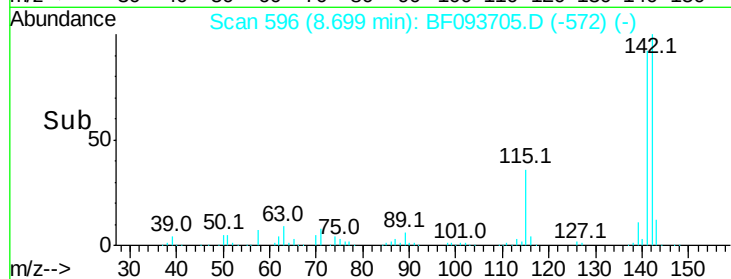
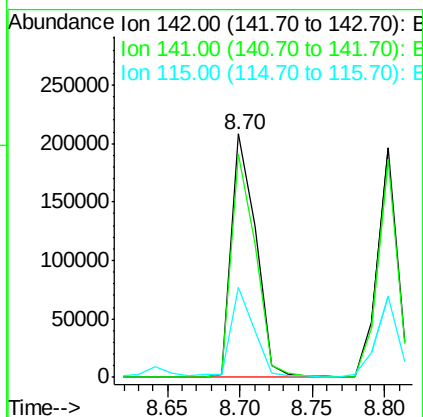
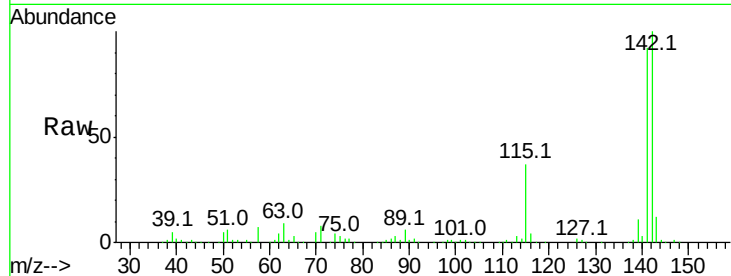




#37
 2-Methylnaphthalene
 Concen: 11.30 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

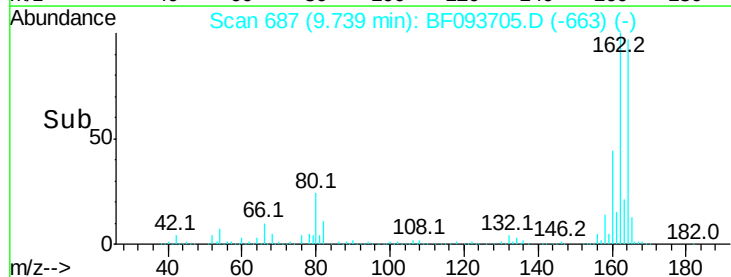
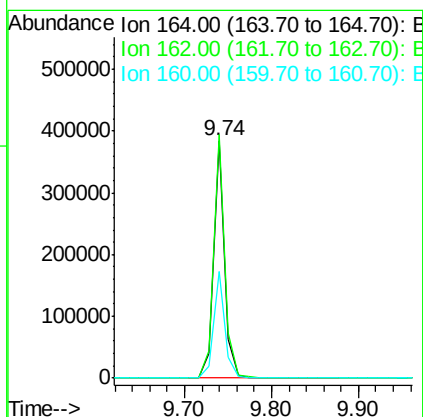
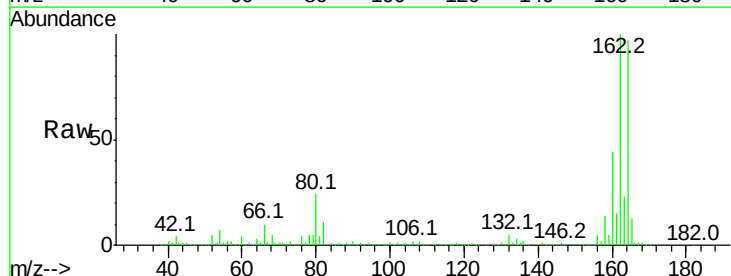
Instrument :
 BNA_F
 ClientSampleId :
 TEC-MW

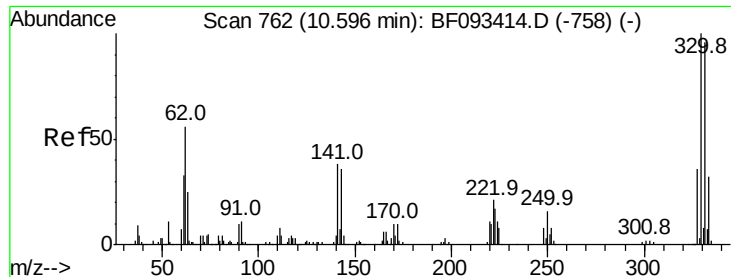
Tot Ion:142 Resp: 245589
 Ion Ratio Lower Upper
 142 100
 141 91.5 71.0 106.6
 115 36.8 28.3 42.5



#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

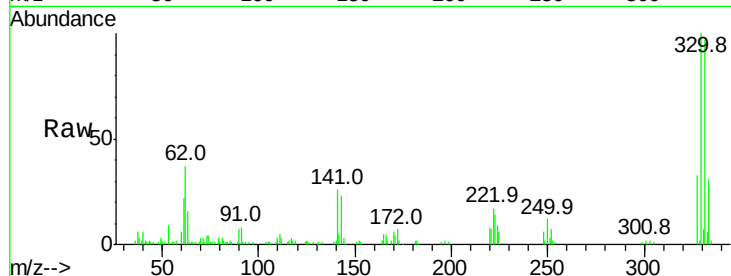




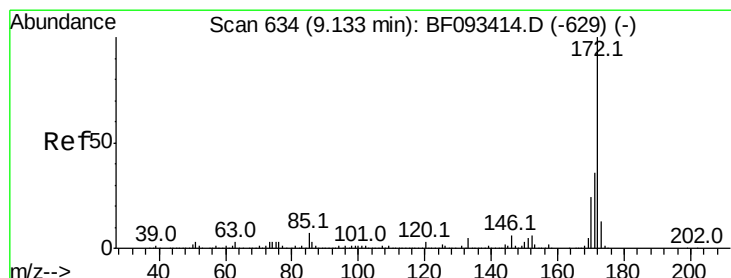
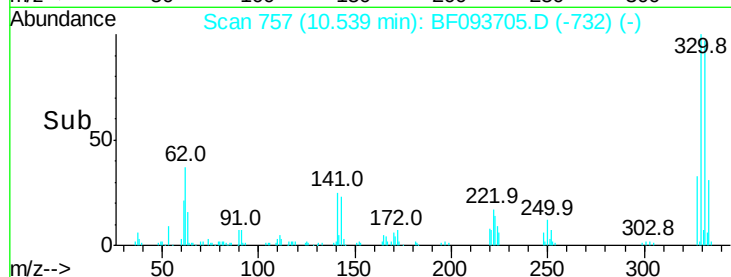
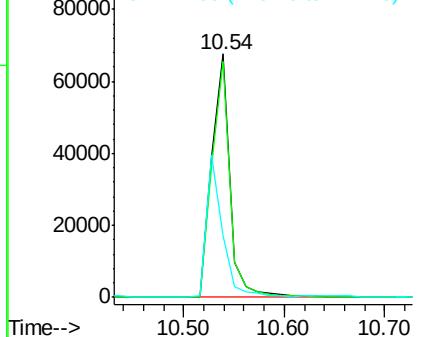
#41
 2,4,6-Tribromophenol
 Concen: 38.27 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

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#

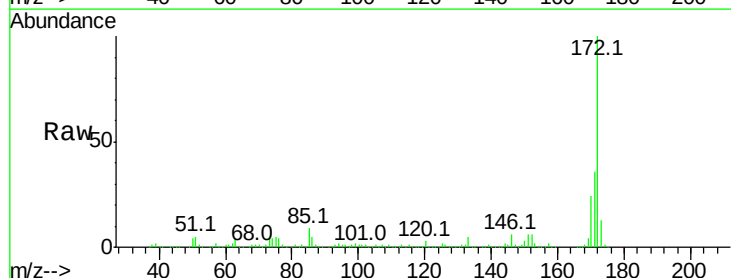


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

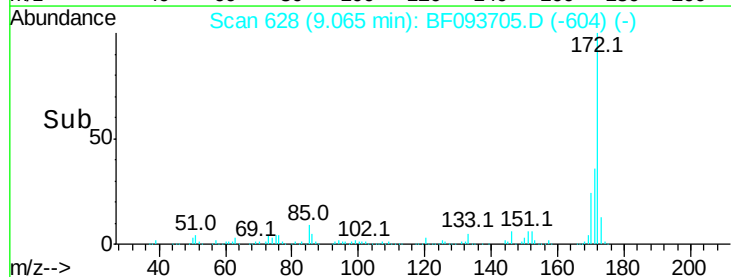
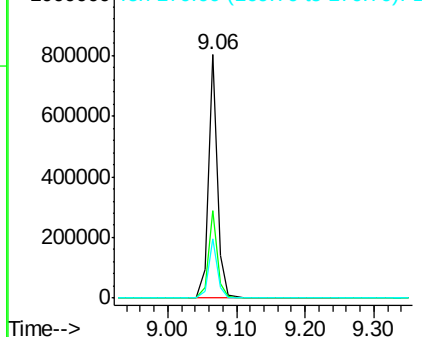


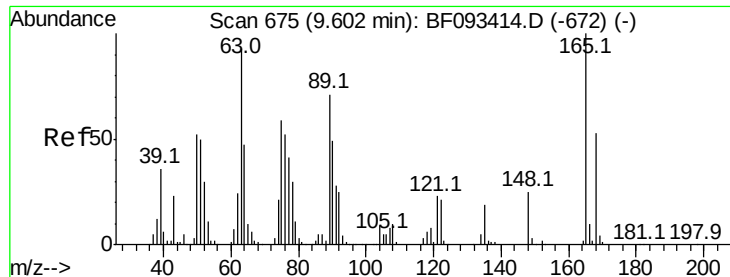
#44
 2-Fluorobiphenyl
 Concen: 39.92 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093705.D
 Acq: 16 Mar 2017 14:52

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

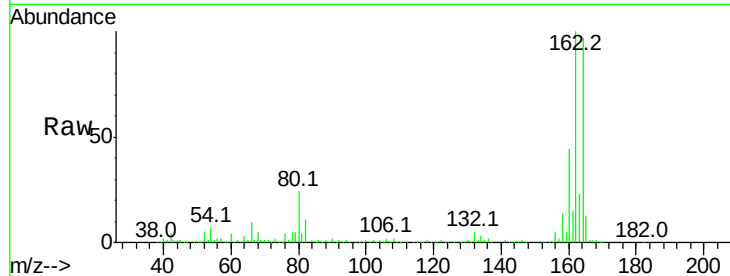




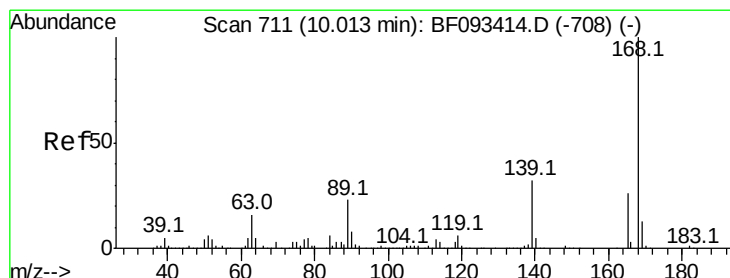
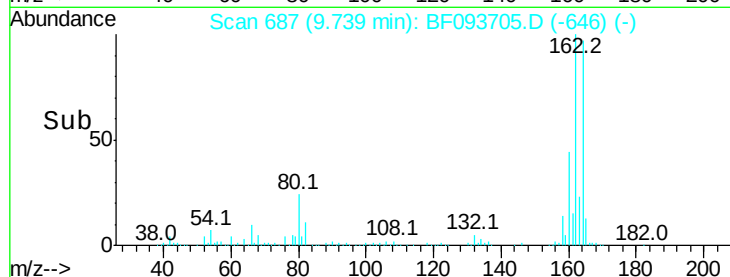
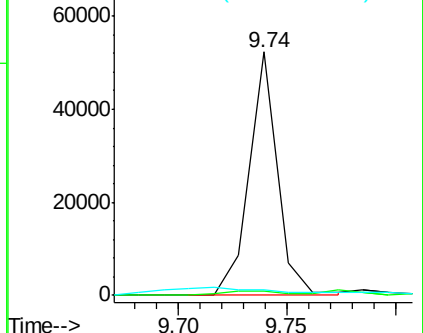
#50
2,6-Dinitrotoluene
Concen: 9.57 ng
RT: 9.74 min Scan# 687
Delta R.T. 0.17 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

Instrument :
BNA_F
ClientSampleId :
TEC-MW

Tot Ion:165 Resp: 47356
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 2.4 40.2 60.4#

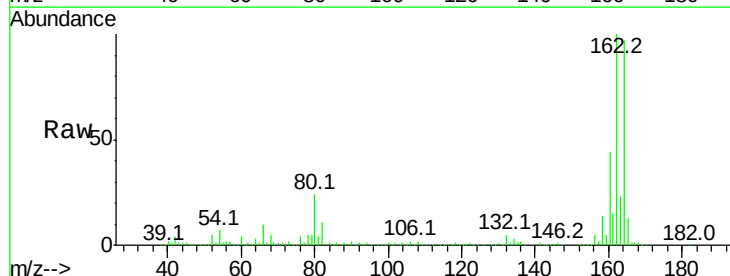


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

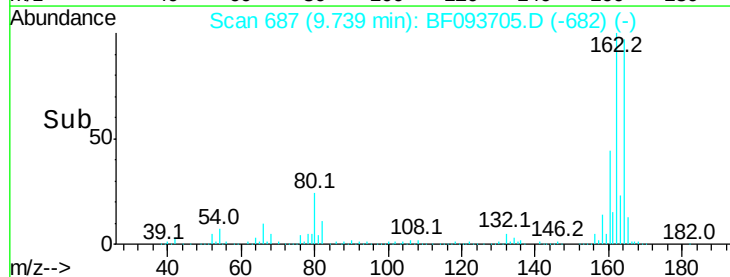
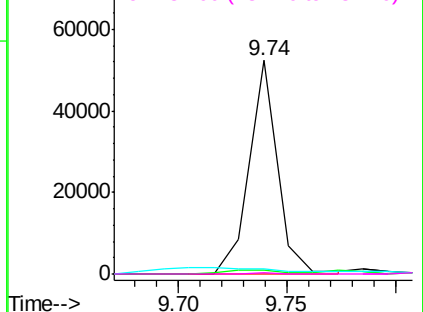


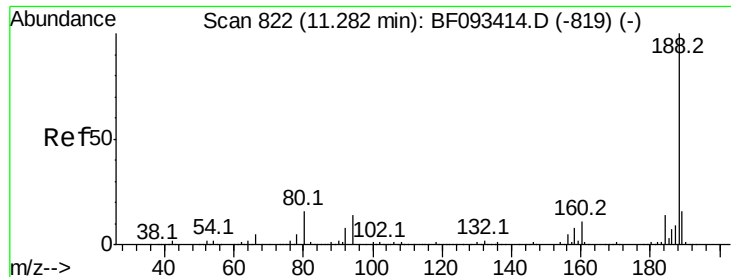
#56
2,4-Dinitrotoluene
Concen: 7.79 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.24 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

Tgt Ion:165 Resp: 47356
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 2.4 62.5 93.7#
182 0.7 1.8 2.8#



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

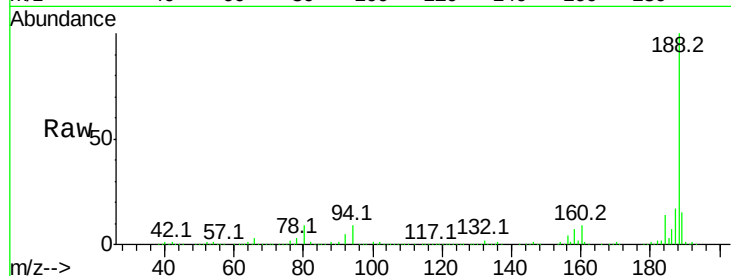




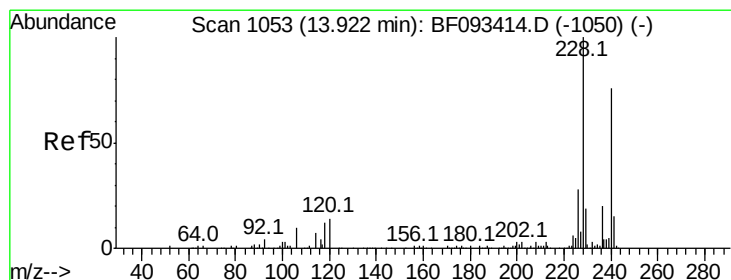
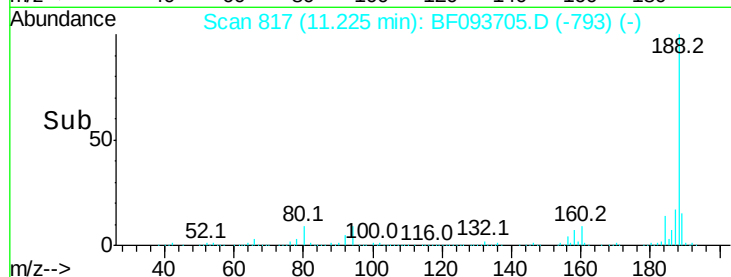
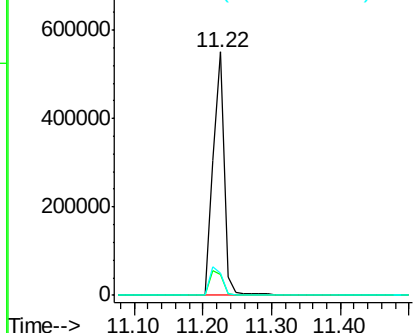
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

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#

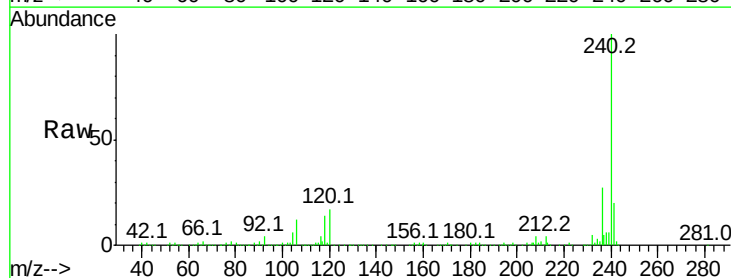


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

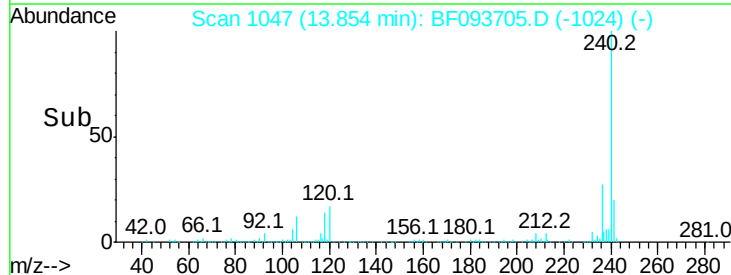
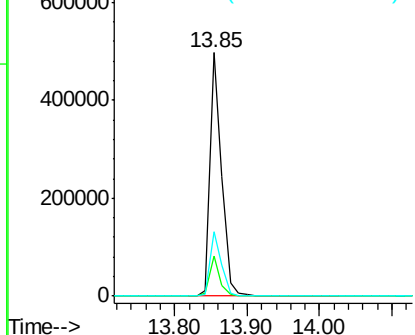


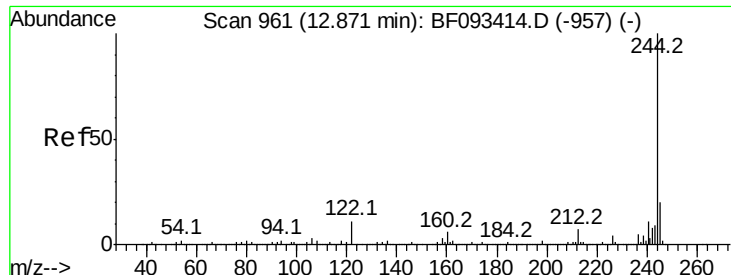
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093705.D
Acq: 16 Mar 2017 14:52

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

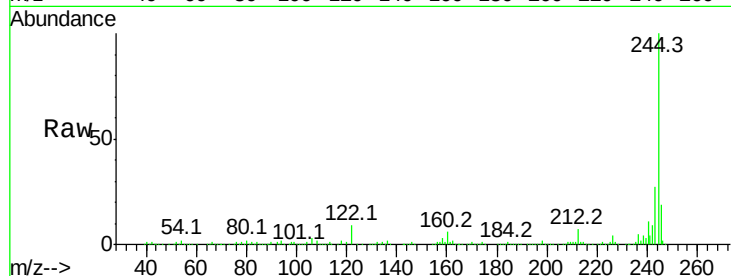
Tot Ion:244 Resp: 590372

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

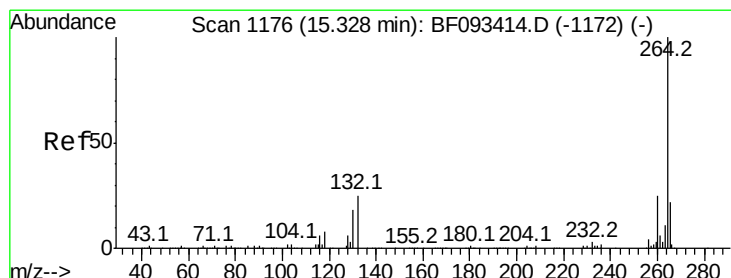
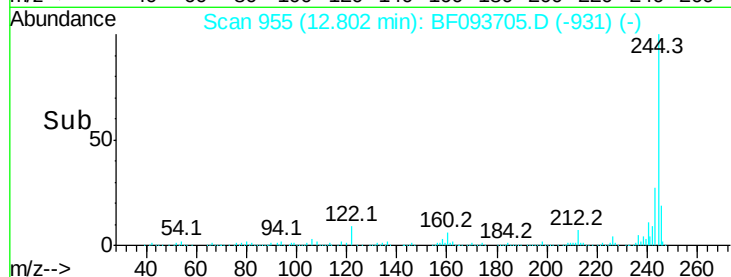
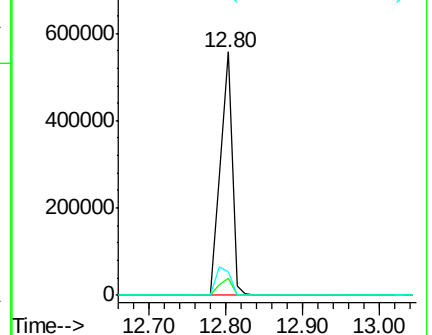
122 9.4 11.4 17.2#



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

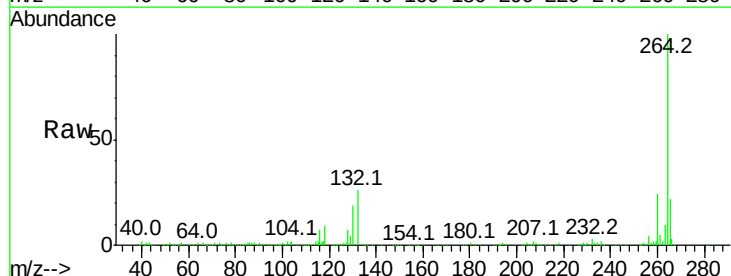
Tgt Ion:264 Resp: 429112

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

