

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089640.D
 Acq On : 5 Aug 2016 20:33
 Operator : UM/SJ
 Sample : H4367-28
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

Quant Time: Aug 05 23:07:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

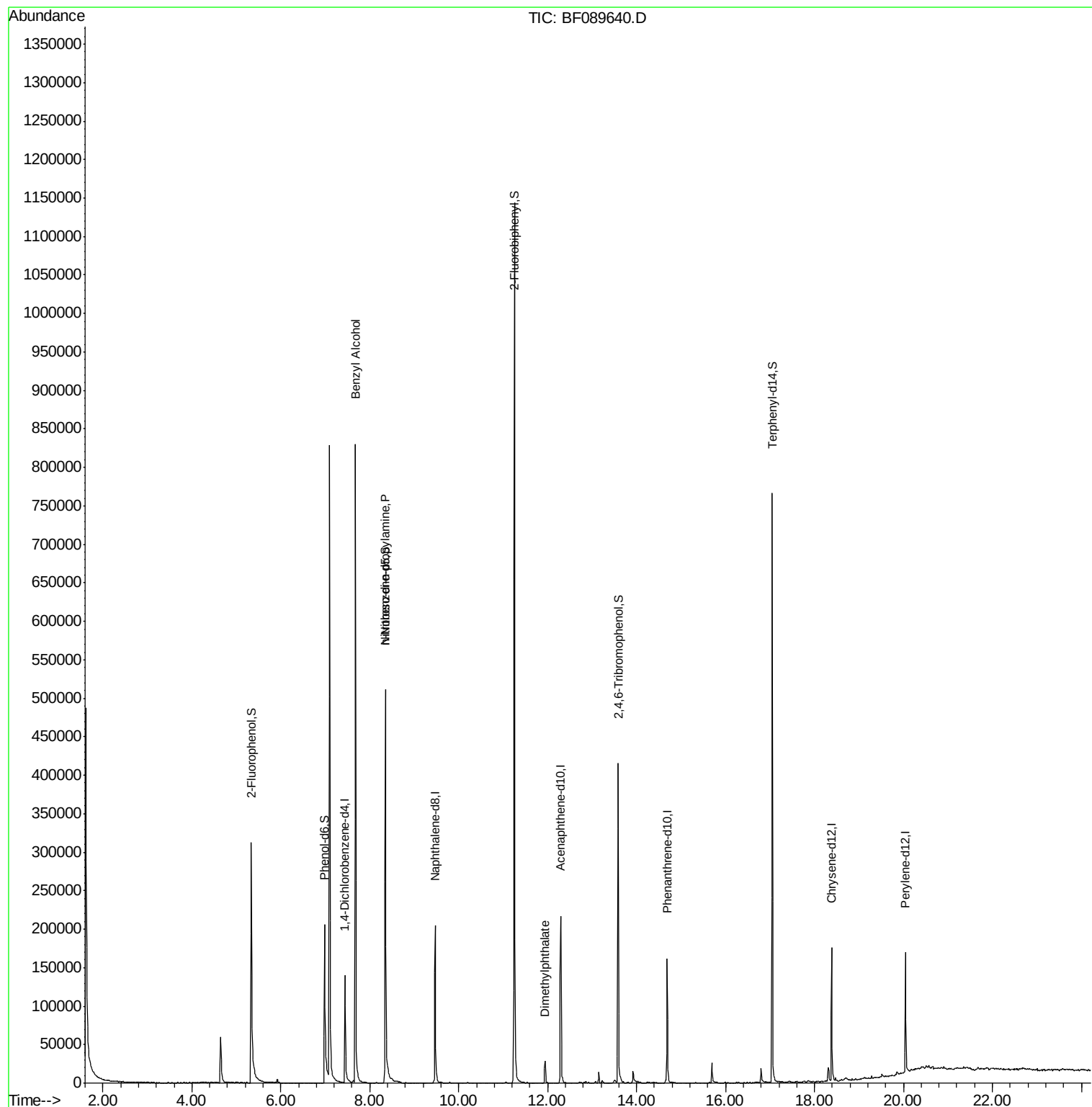
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	39108	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	155782	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	64115	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	91890	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	83426	20.00	ng	0.00
86) Perylene-d12	20.05	264	69866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	186019	79.72	ng	0.02
7) Phenol-d6	6.98	99	149650	47.28	ng	0.00
23) Nitrobenzene-d5	8.35	82	296918	105.42	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	69735	131.80	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	519088	105.22	ng	0.00
78) Terphenyl-d14	17.05	244	289104	68.41	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.68	79	4776	2.30	ng	# 41
19) n-Nitroso-di-n-propylamine	8.35	70	36386	15.91	ng	# 81
49) Dimethylphthalate	11.94	163	20820	4.14	ng	99

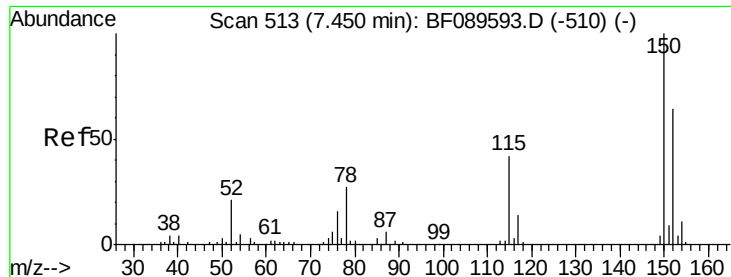
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

Instrument :

BNA_F

ClientSampleId :

WP-1

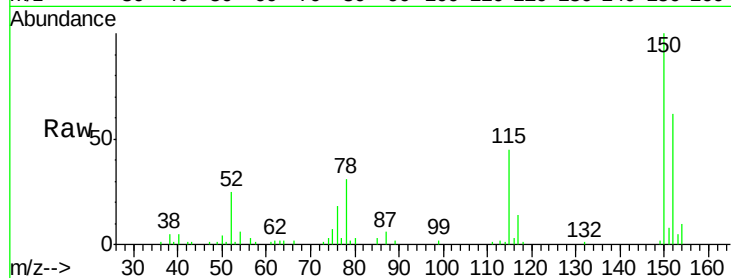
Tgt Ion:152 Resp: 39108

Ion Ratio Lower Upper

152 100

150 162.1 125.5 188.3

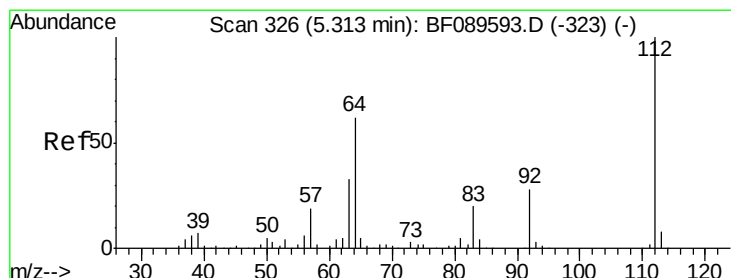
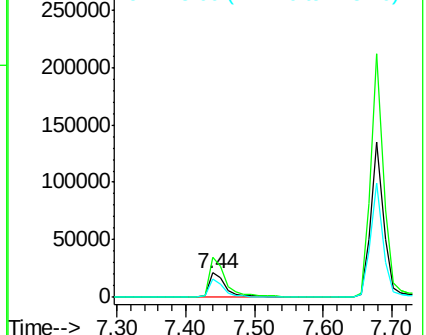
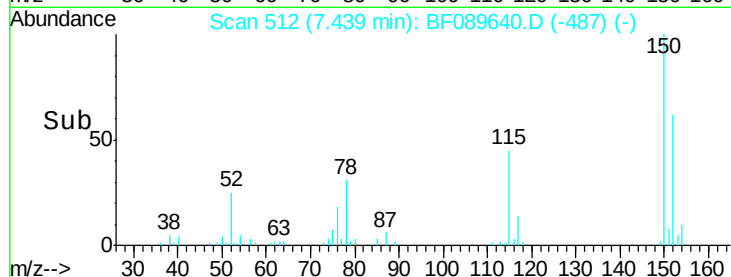
115 73.2 52.0 78.0



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: 79.72 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

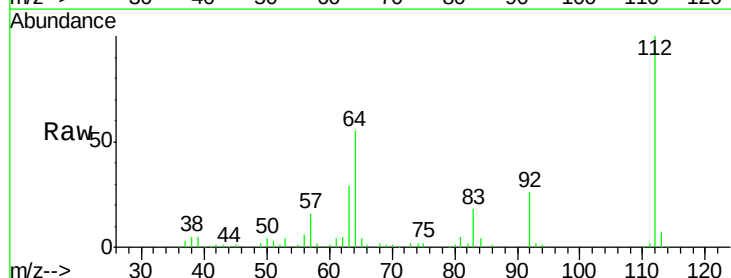
Tgt Ion:112 Resp: 186019

Ion Ratio Lower Upper

112 100

64 54.6 49.9 74.9

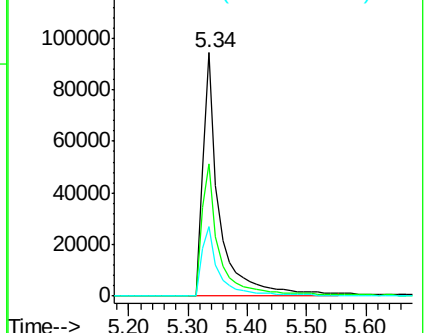
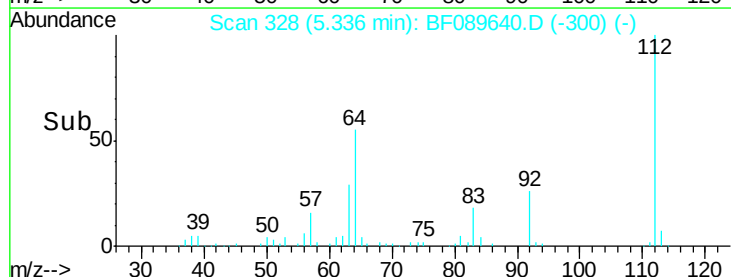
63 28.8 26.1 39.1

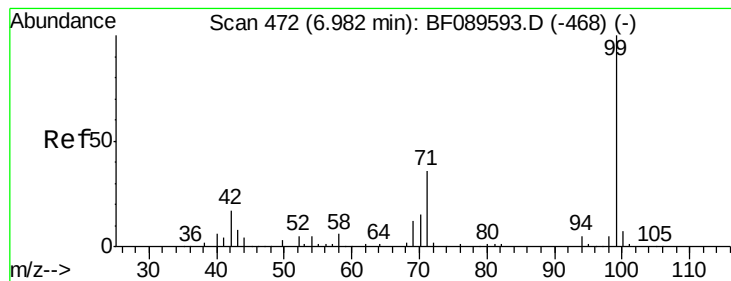


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.28 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

Instrument :

BNA_F

ClientSampled :

WP-1

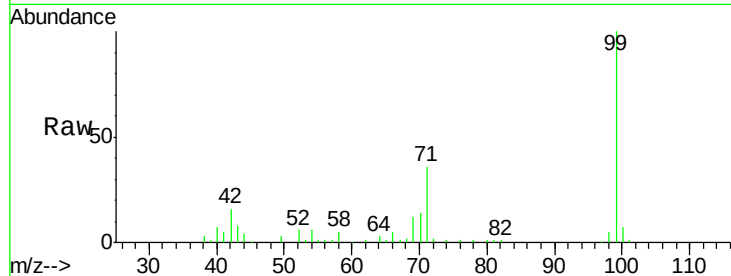
Tgt Ion: 99 Resp: 149650

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

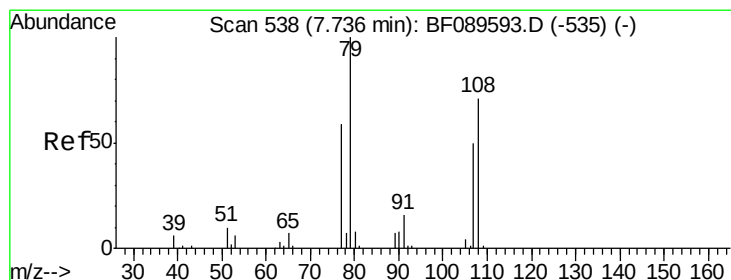
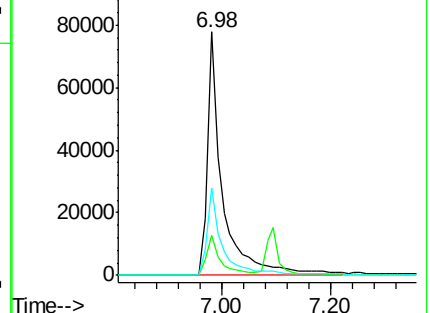
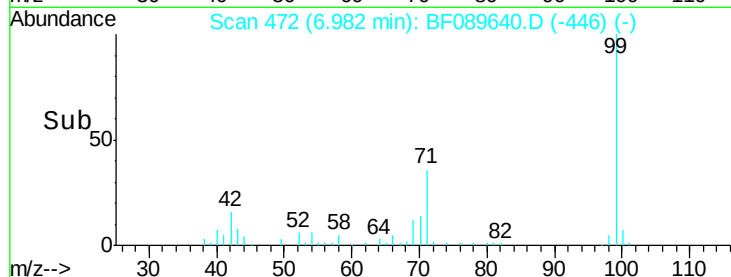
71 35.7 29.0 43.4



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



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

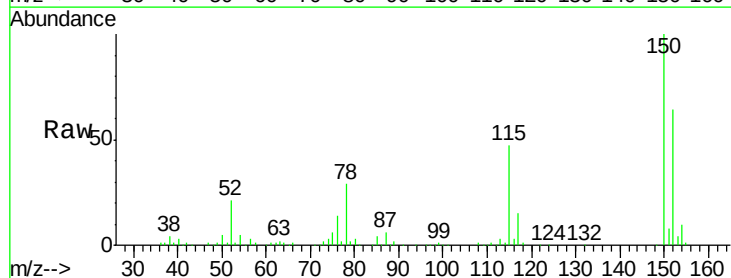
Tgt Ion: 79 Resp: 4776

Ion Ratio Lower Upper

79 100

108 30.9 58.3 87.5#

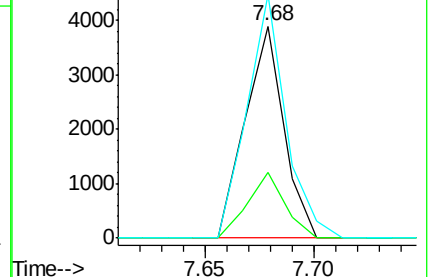
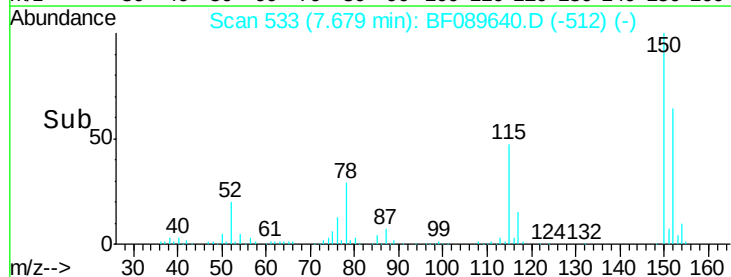
77 114.9 48.7 73.1#

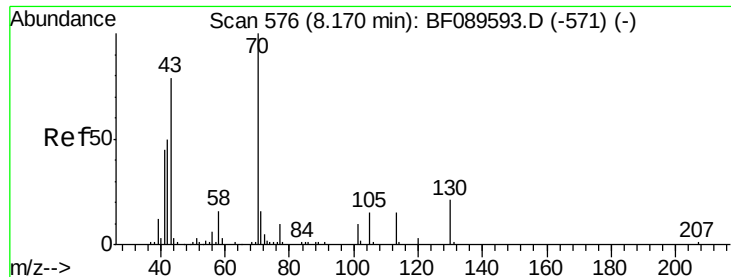


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.91 ng

RT: 8.35 min Scan# 592

Delta R.T. 0.18 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

Instrument :

BNA_F

ClientSampleId :

WP-1

Tgt Ion: 70 Resp: 36386

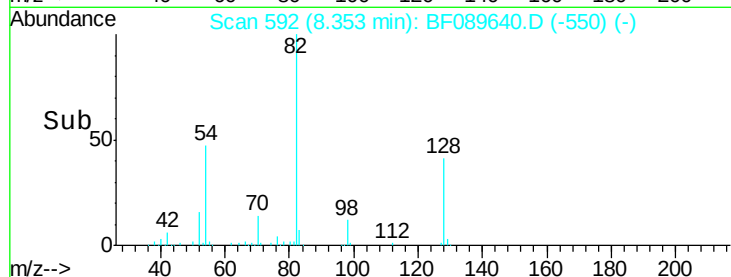
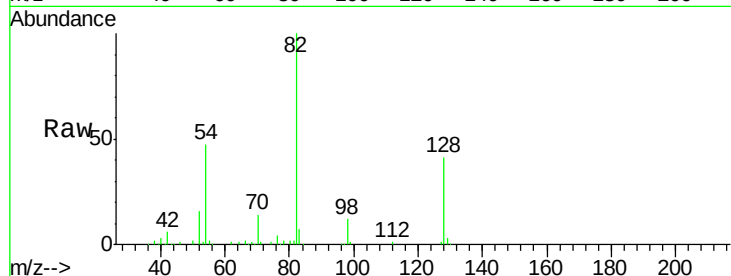
Ion Ratio Lower Upper

70 100

42 43.6 40.2 60.2

101 0.0 7.8 11.6#

130 2.1 16.4 24.6#

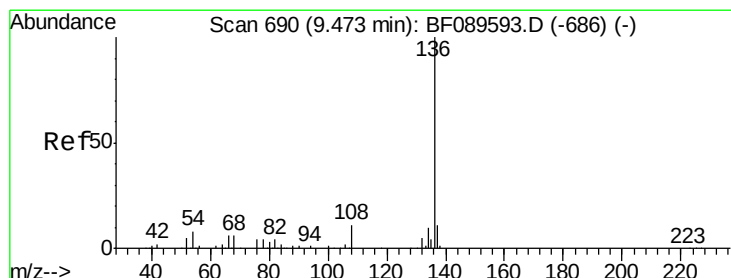
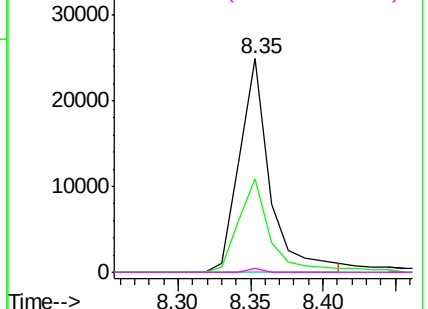


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

Tgt Ion: 136 Resp: 155782

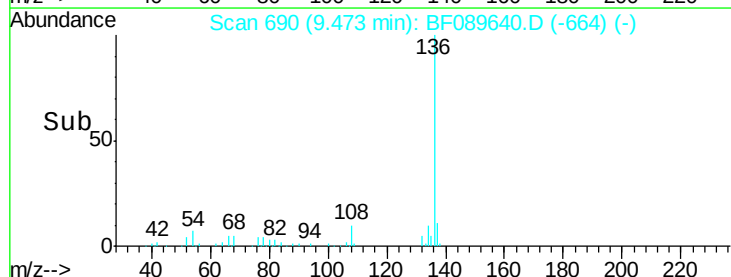
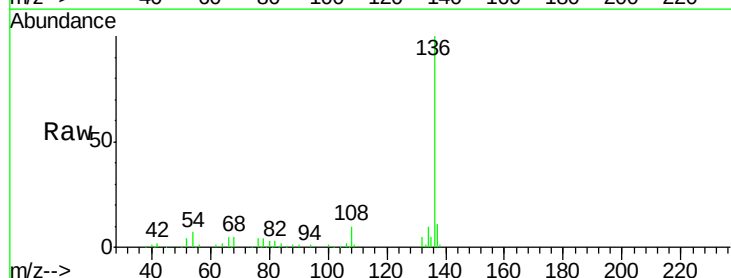
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.6 6.0 9.0

68 5.5 4.6 6.8

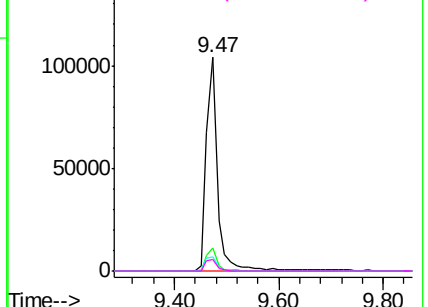


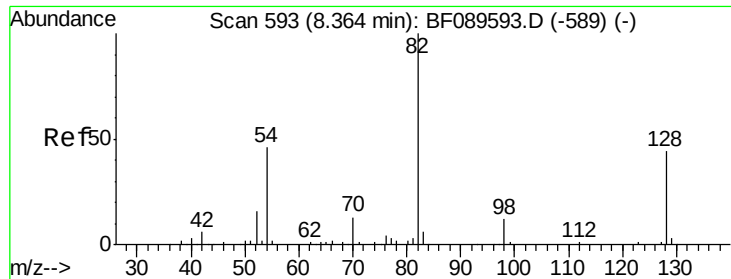
Abundance Ion 136.00 (135.70 to 136.70): E

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

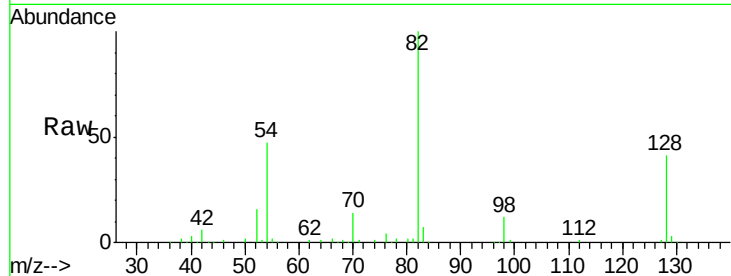




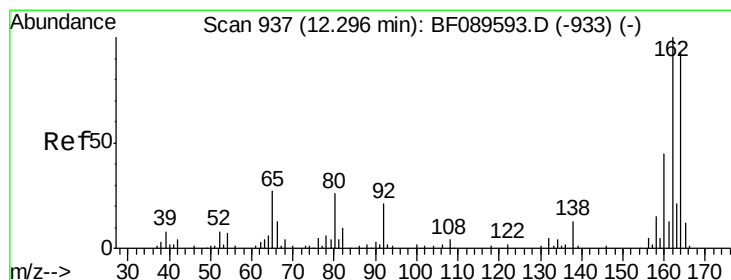
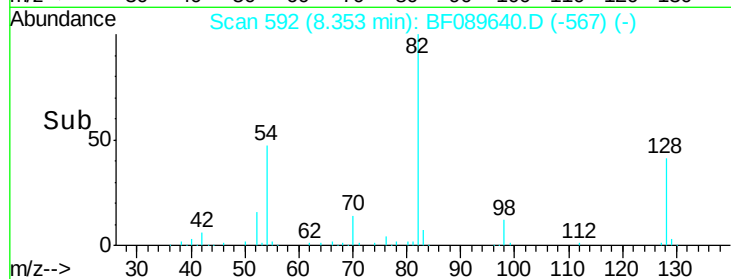
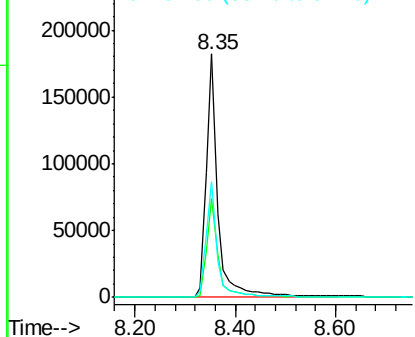
#23
 Nitrobenzene-d5
 Concen: 105.42 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

Instrument :
 BNA_F
 ClientSampled :
 WP-1

Tgt Ion: 82 Resp: 296918
 Ion Ratio Lower Upper
 82 100
 128 40.9 35.4 53.0
 54 47.3 36.4 54.6

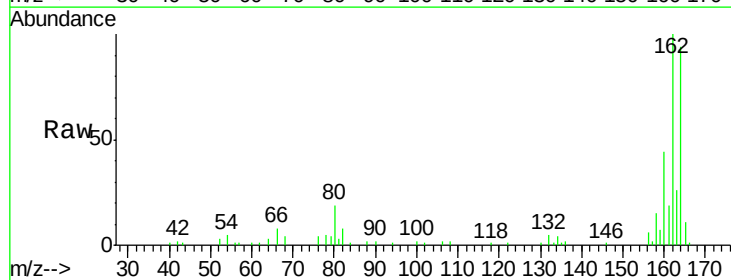


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

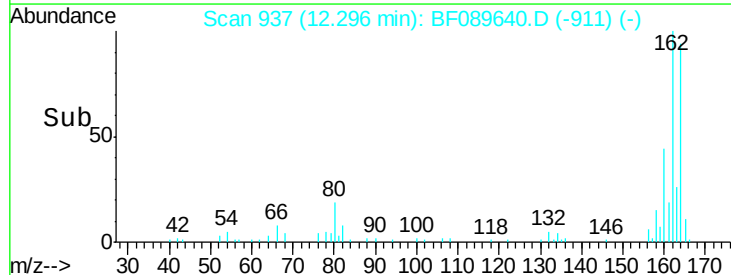
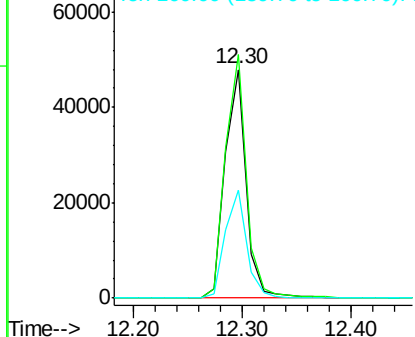


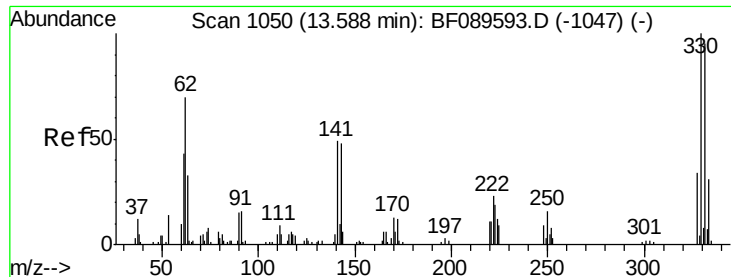
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

Tgt Ion: 164 Resp: 64115
 Ion Ratio Lower Upper
 164 100
 162 106.6 85.7 128.5
 160 47.1 38.2 57.4



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

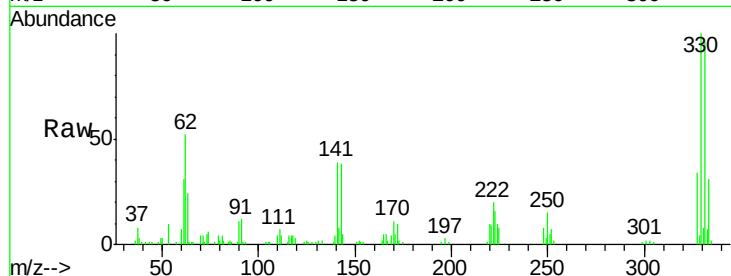




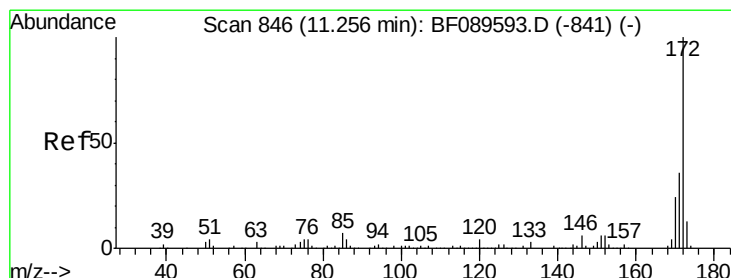
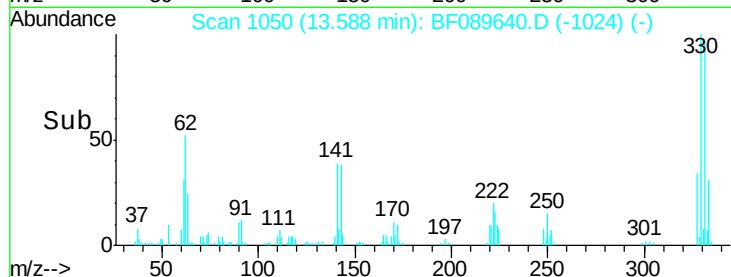
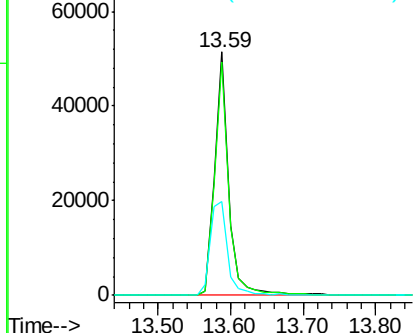
#41
 2,4,6-Tribromophenol
 Concen: 131.80 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

Tgt Ion:330 Resp: 69735
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 47.6 38.6 57.8

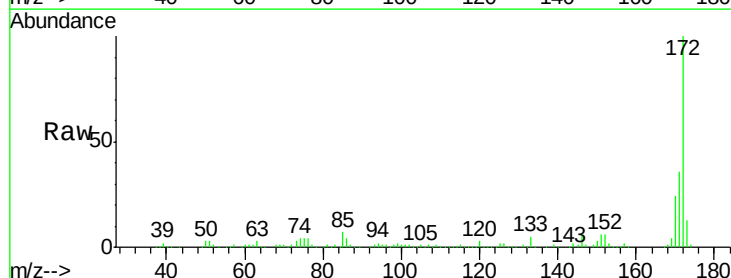


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

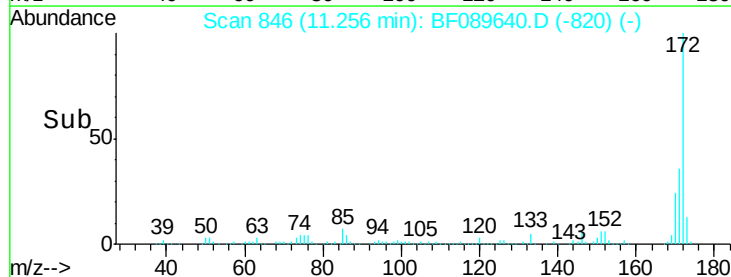
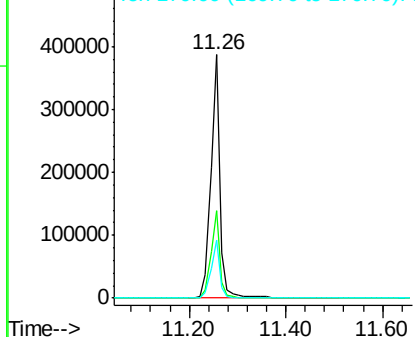


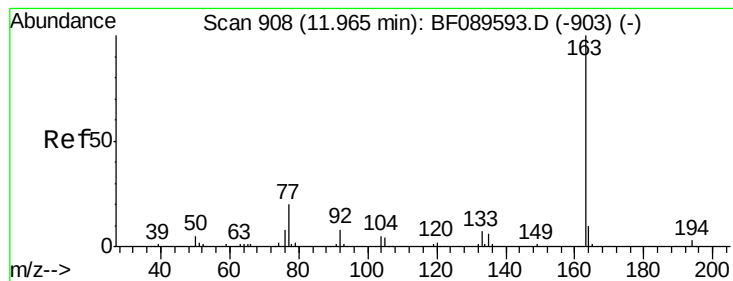
#44
 2-Fluorobiphenyl
 Concen: 105.22 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

Tgt Ion:172 Resp: 519088
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.8 19.0 28.6



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: 4.14 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

Instrument :

BNA_F

ClientSampleId :

WP-1

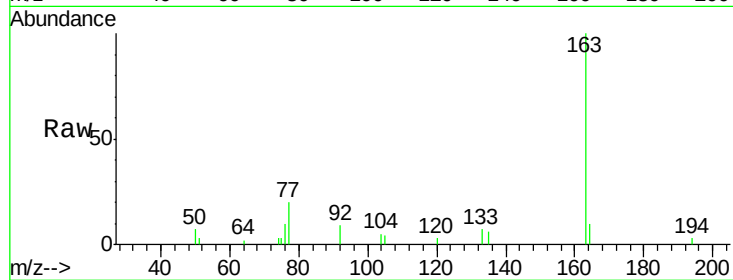
Tgt Ion:163 Resp: 20820

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

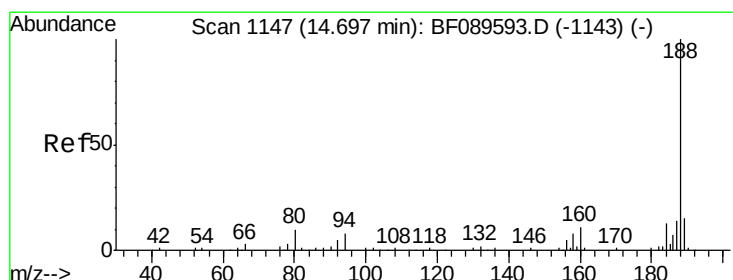
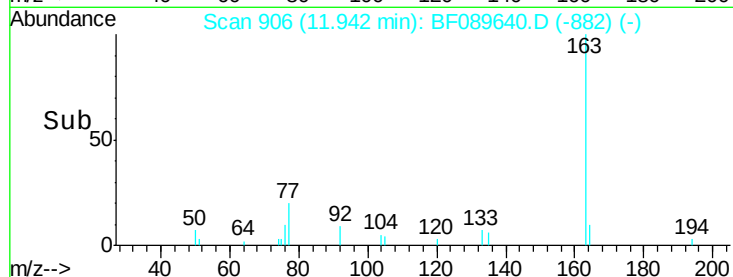
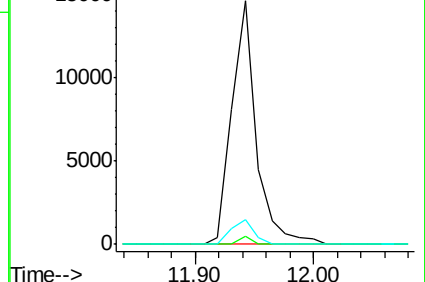
164 10.0 7.8 11.6



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: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089640.D

Acq: 5 Aug 2016 20:33

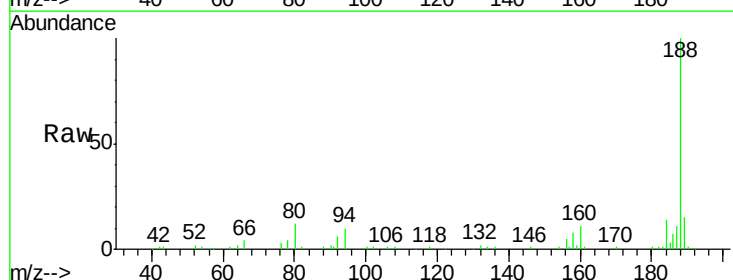
Tgt Ion:188 Resp: 91890

Ion Ratio Lower Upper

188 100

94 10.3 6.5 9.7#

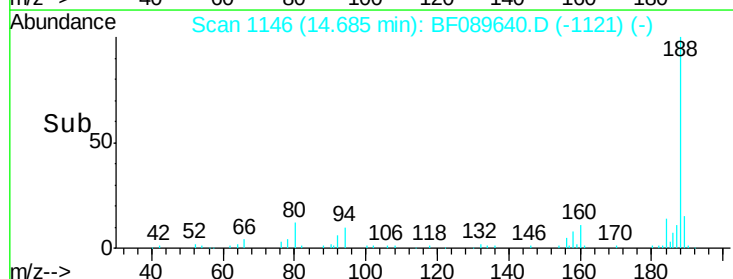
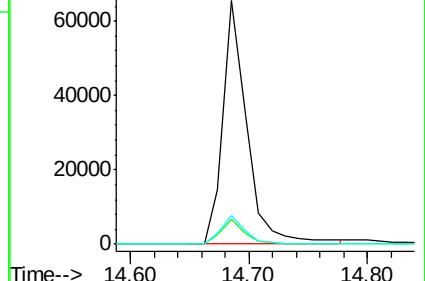
80 11.7 8.0 12.0

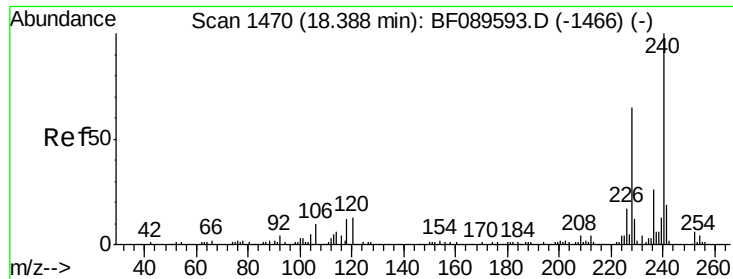


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

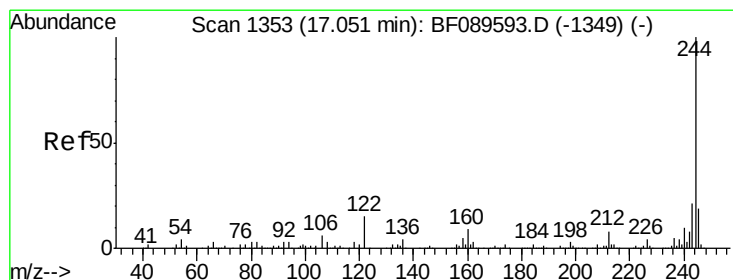
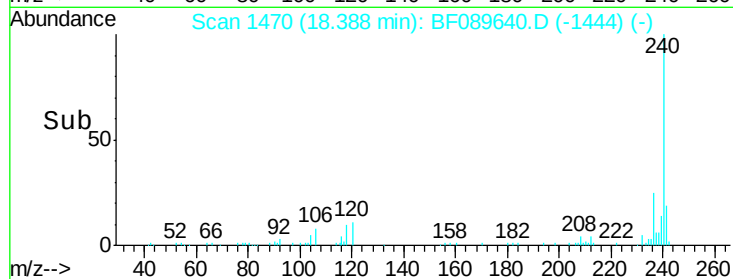
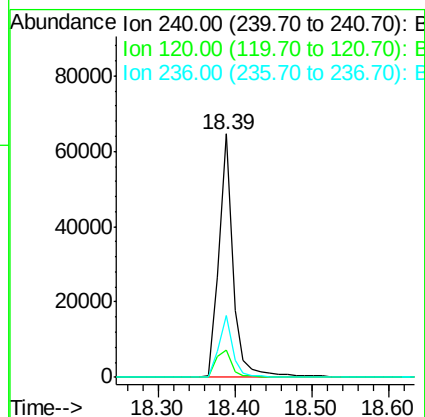
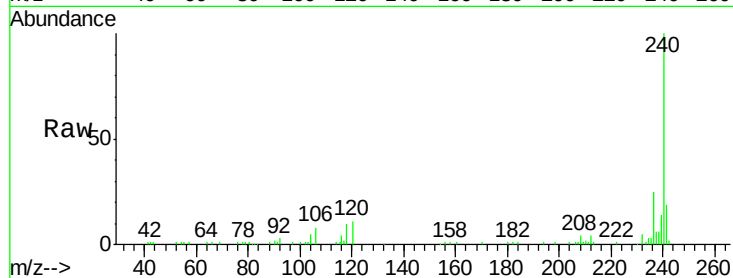




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

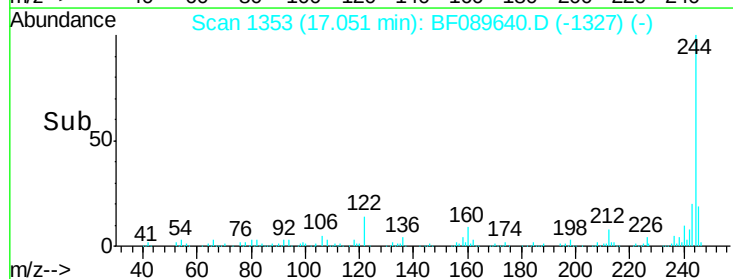
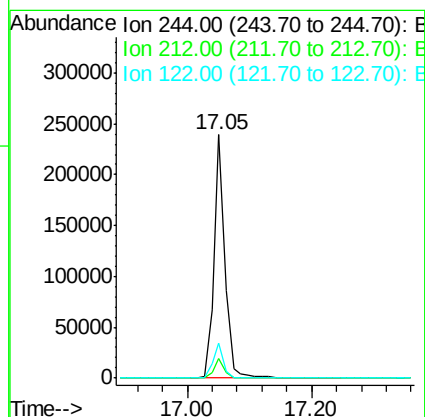
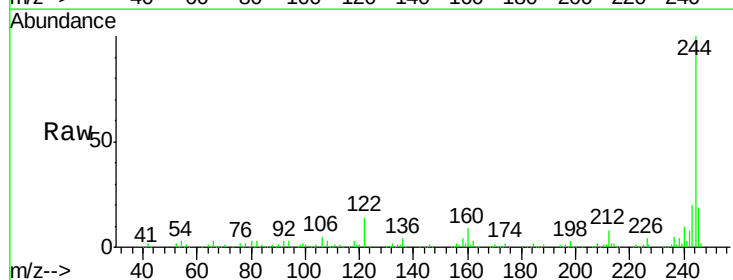
Instrument :
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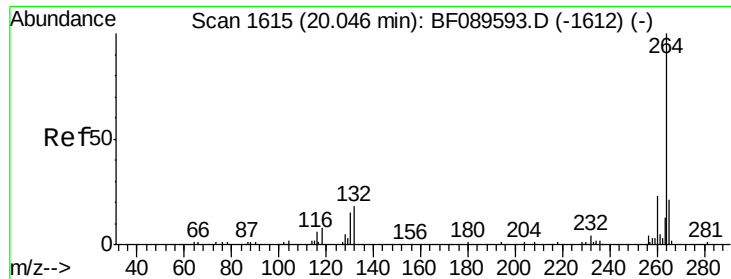
Tgt Ion:240 Resp: 83426
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.5 20.6 30.8



#78
 Terphenyl-d14
 Concen: 68.41 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089640.D
 Acq: 5 Aug 2016 20:33

Tgt Ion:244 Resp: 289104
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 14.2 12.2 18.2

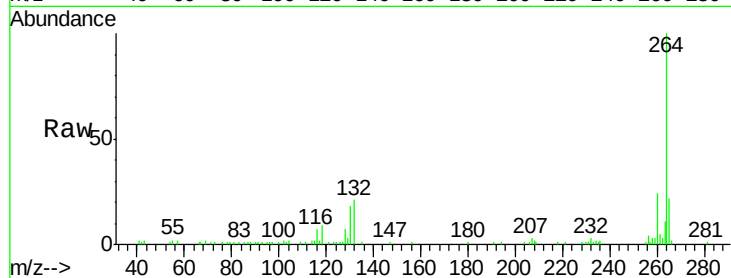




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089640.D
Acq: 5 Aug 2016 20:33

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	16.5	24.7



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

