

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089647.D
 Acq On : 6 Aug 2016 3:02
 Operator : UM/SJ
 Sample : PB92711TB
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92711TB

Quant Time: Aug 06 04:24:13 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

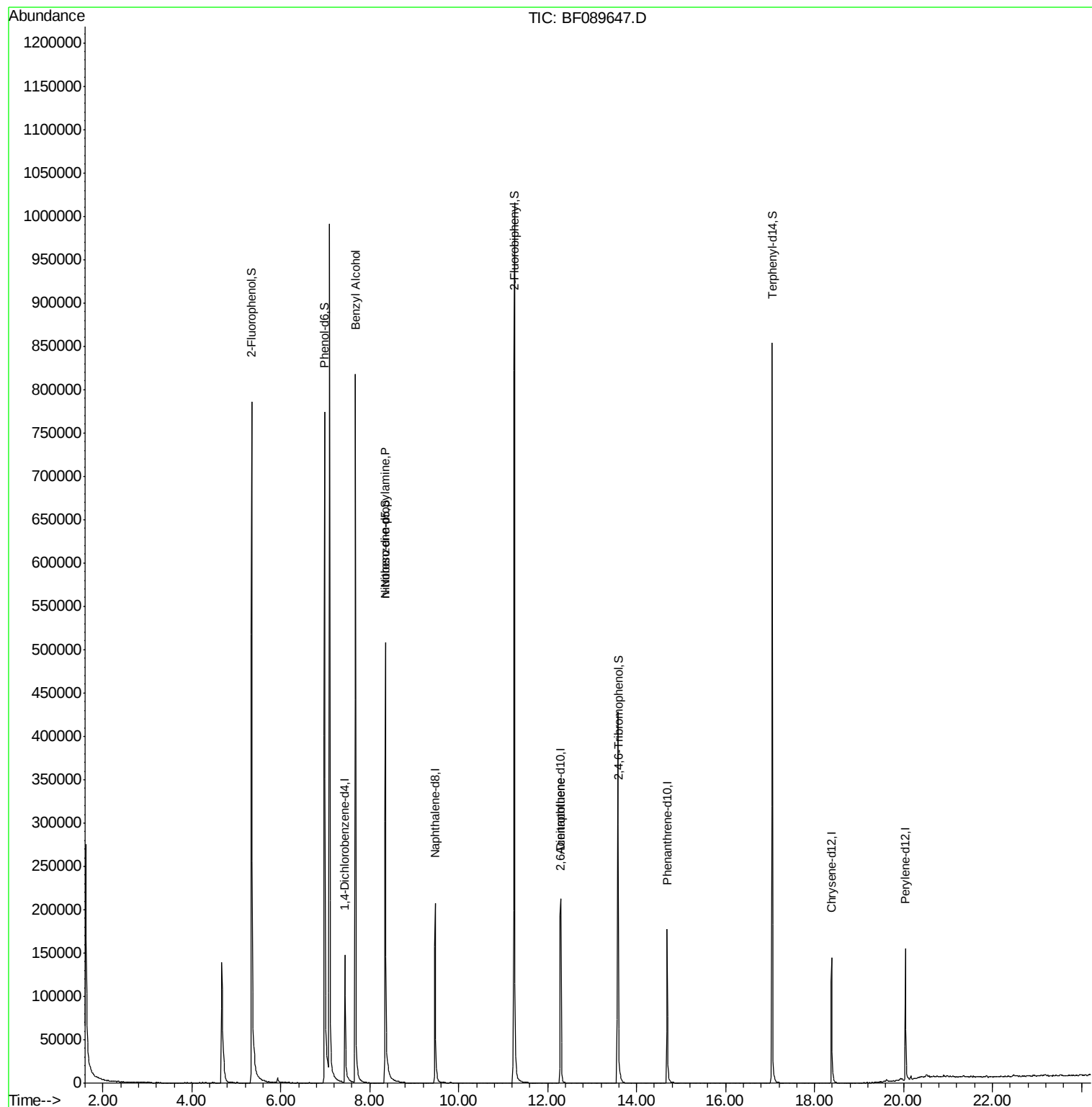
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	43495	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	174398	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	73234	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	111923	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	86243	20.00	ng	0.00
86) Perylene-d12	20.05	264	74688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	391379	150.82	ng	0.04
7) Phenol-d6	6.98	99	488716	138.82	ng	0.00
23) Nitrobenzene-d5	8.35	82	305788	96.98	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	71565	118.42	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	547187	97.11	ng	0.00
78) Terphenyl-d14	17.05	244	323488	74.05	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.68	79	5036	2.18	ng	# 48
19) n-Nitroso-di-n-propylamine	8.35	70	36939	14.53	ng	# 82
50) 2,6-Dinitrotoluene	12.28	165	8368	7.33	ng	# 24

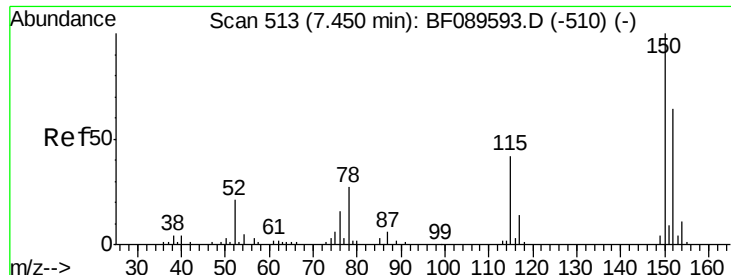
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089647.D

Acq: 6 Aug 2016 3:02

Instrument :

BNA_F

ClientSampled :

PB92711TB

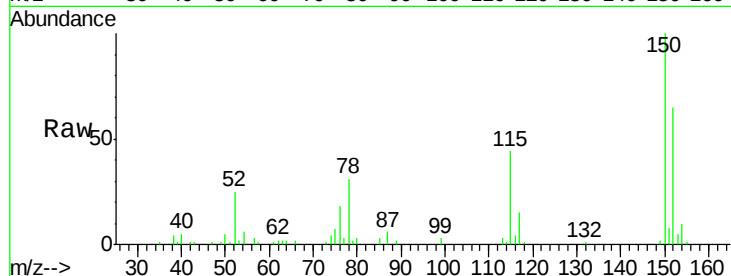
Tgt Ion:152 Resp: 43495

Ion Ratio Lower Upper

152 100

150 153.6 125.5 188.3

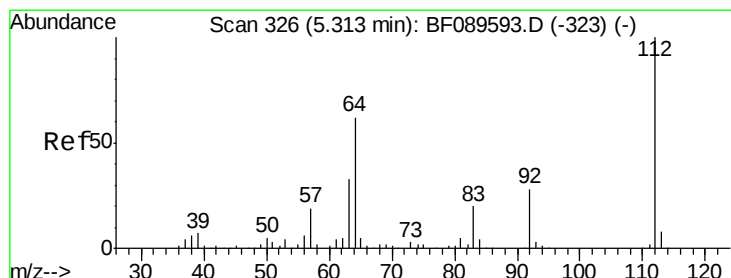
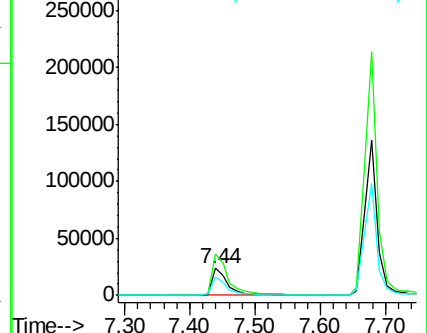
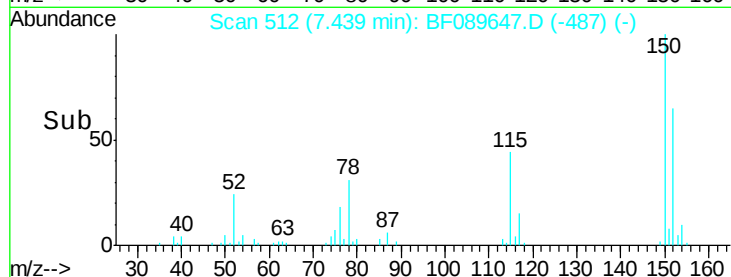
115 67.9 52.0 78.0



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: 150.82 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

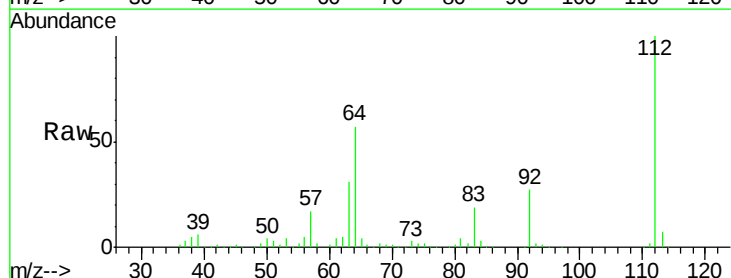
Tgt Ion:112 Resp: 391379

Ion Ratio Lower Upper

112 100

64 56.9 49.9 74.9

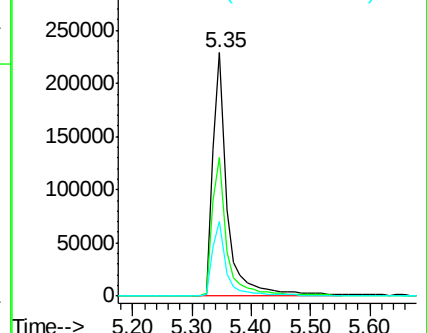
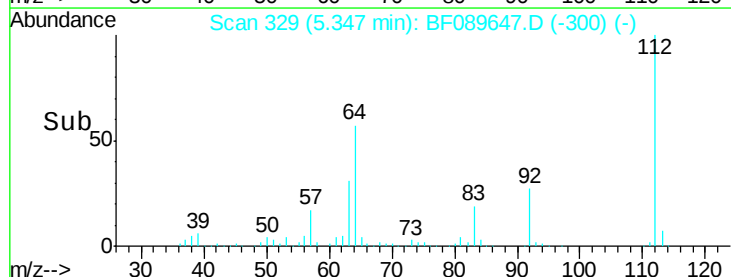
63 30.5 26.1 39.1

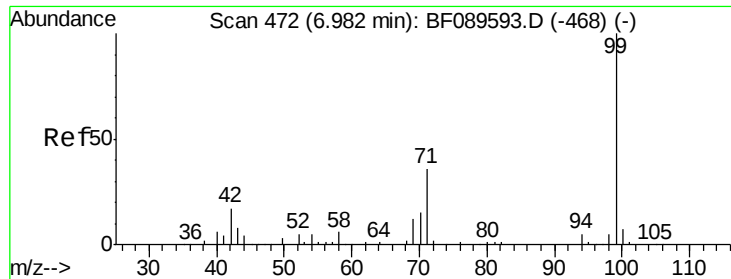


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.82 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

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BNA_F

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PB92711TB

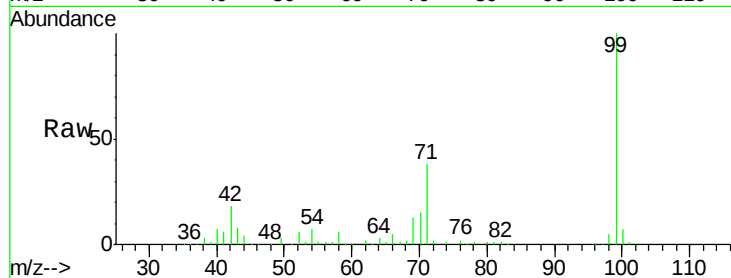
Tgt Ion: 99 Resp: 488716

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

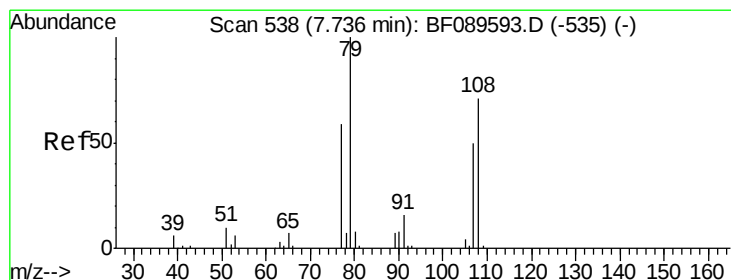
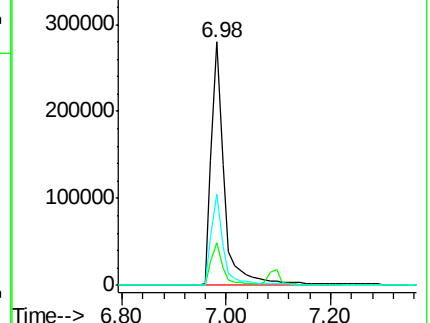
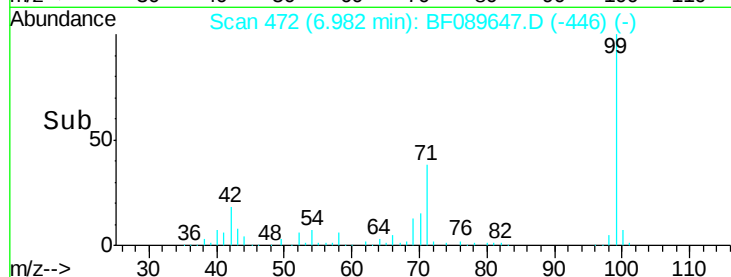
71 37.7 29.0 43.4



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: 2.18 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF089647.D

Acq: 6 Aug 2016 3:02

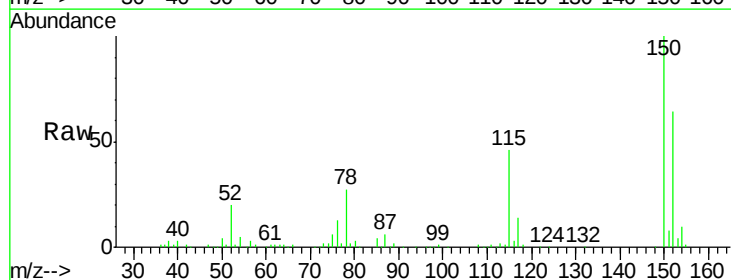
Tgt Ion: 79 Resp: 5036

Ion Ratio Lower Upper

79 100

108 30.8 58.3 87.5#

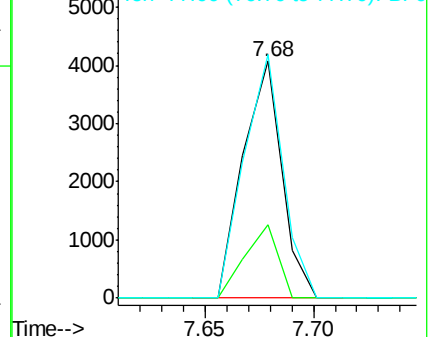
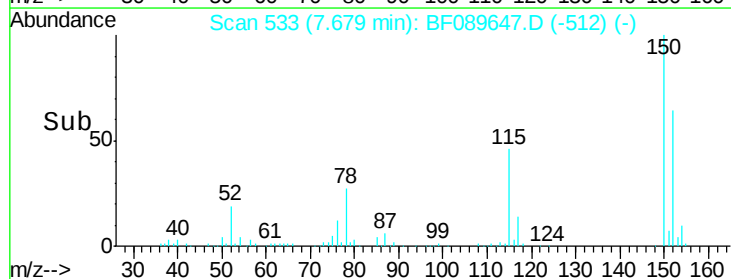
77 102.8 48.7 73.1#

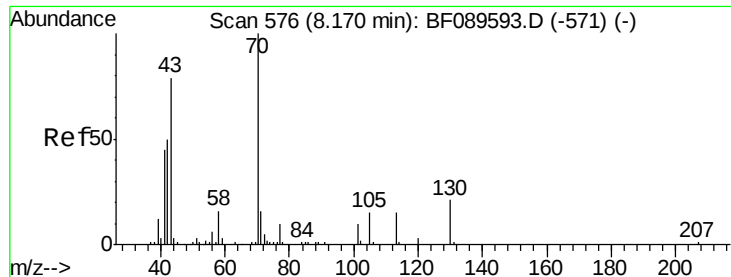


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

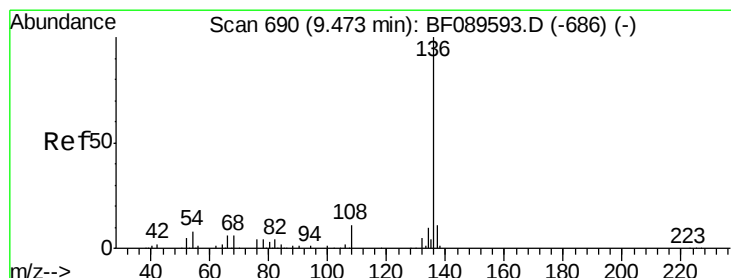
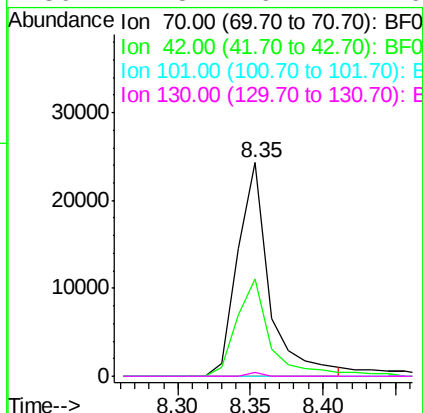
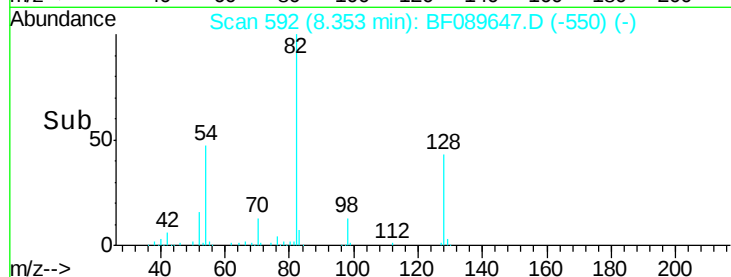
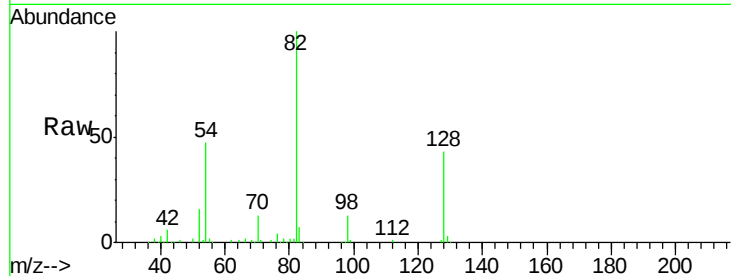




#19
n-Nitroso-di-n-propylamine
Concen: 14.53 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089647.D
Acq: 6 Aug 2016 3:02

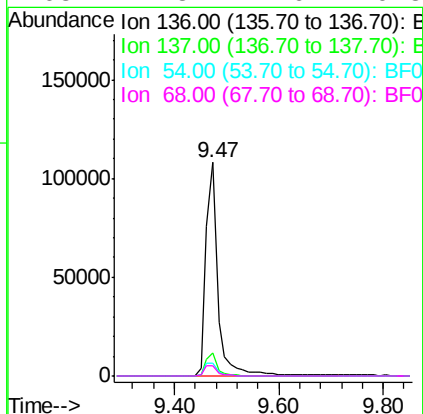
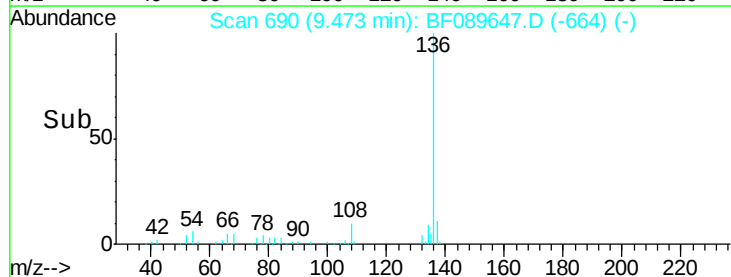
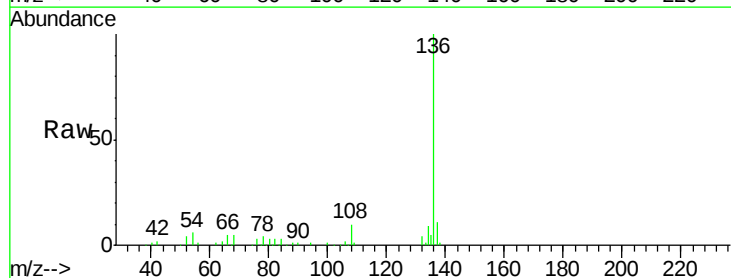
Instrument :
BNA_F
ClientSampleId :
PB92711TB

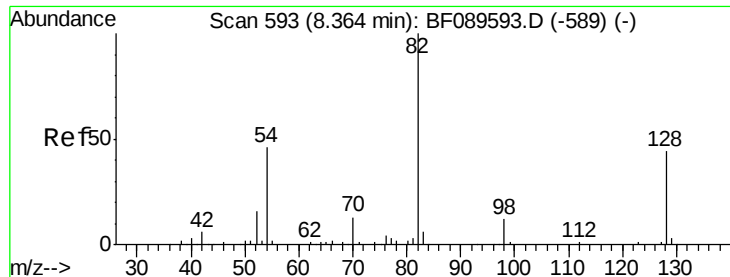
Tgt Ion: 70 Resp: 36939
Ion Ratio Lower Upper
70 100
42 45.4 40.2 60.2
101 0.0 7.8 11.6#
130 1.8 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089647.D
Acq: 6 Aug 2016 3:02

Tgt Ion: 136 Resp: 174398
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.1 6.0 9.0
68 4.8 4.6 6.8

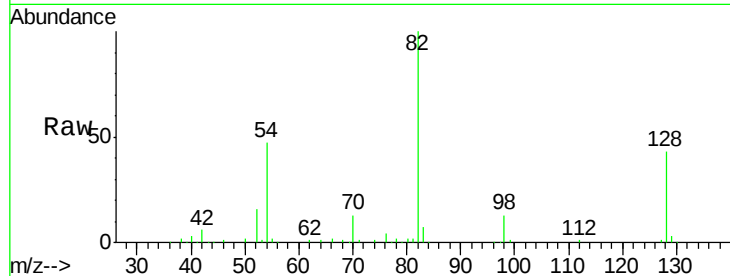




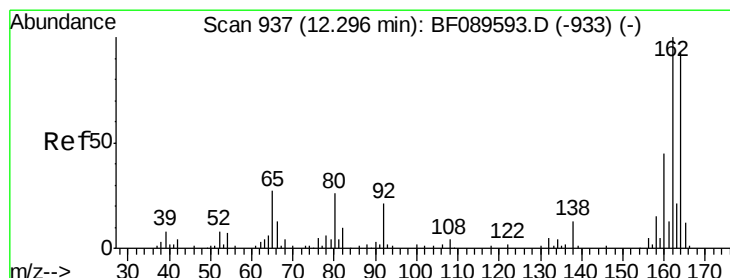
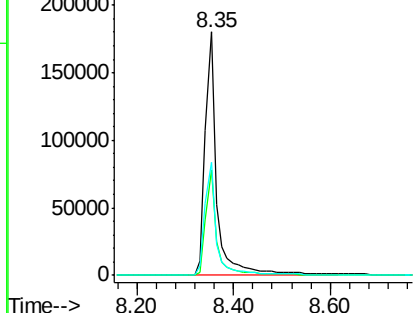
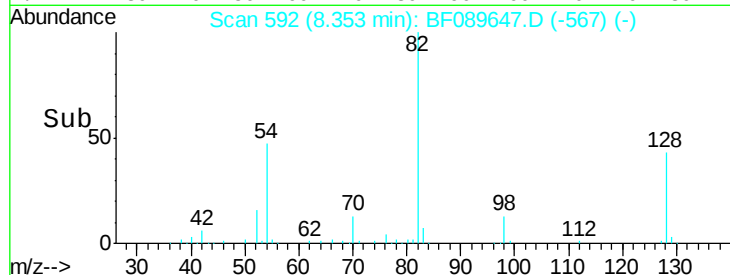
#23
 Nitrobenzene-d5
 Concen: 96.98 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92711TB

Tgt Ion: 82 Resp: 305788
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.4 53.0
 54 46.7 36.4 54.6

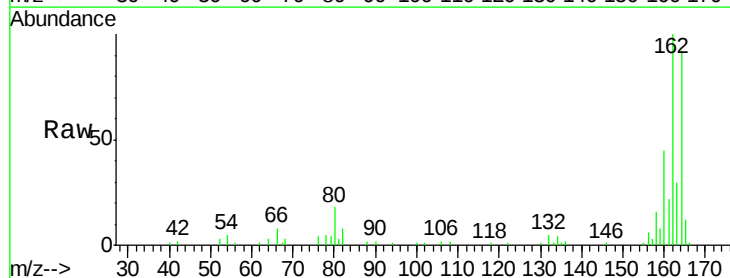


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

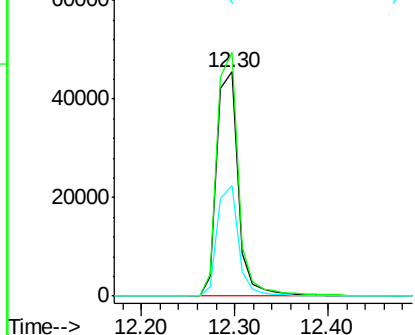
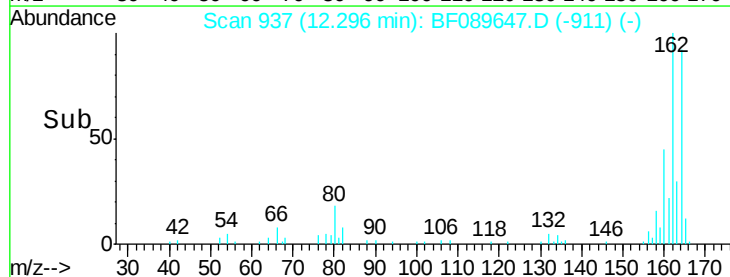


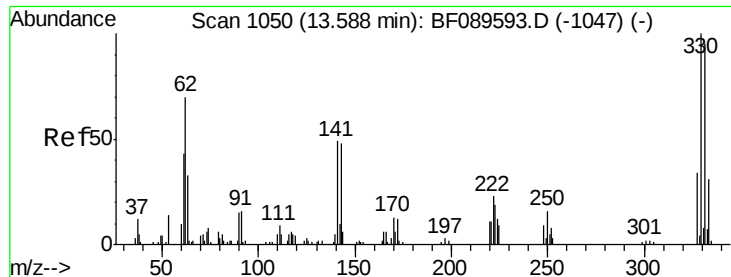
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion: 164 Resp: 73234
 Ion Ratio Lower Upper
 164 100
 162 108.6 85.7 128.5
 160 49.3 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

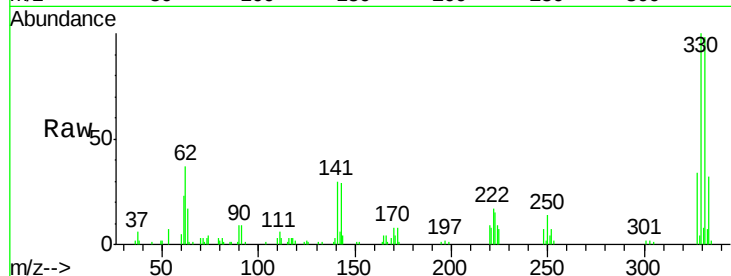




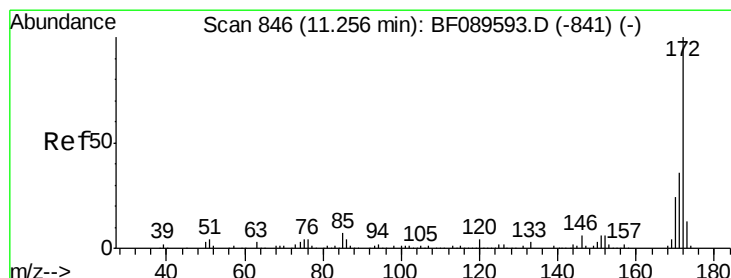
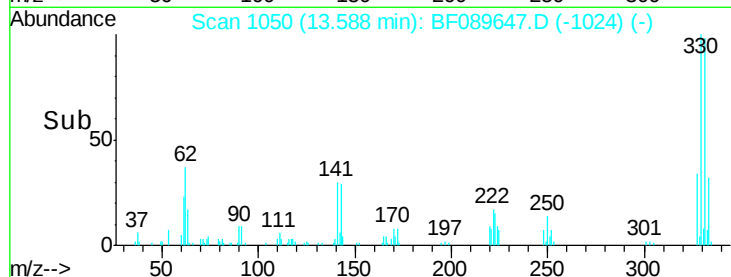
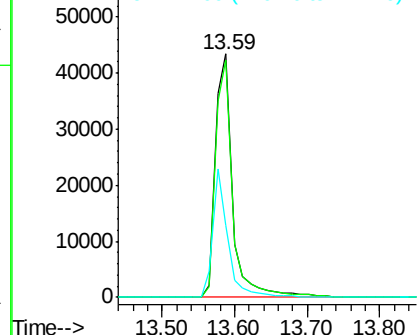
#41
 2,4,6-Tribromophenol
 Concen: 118.42 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92711TB

Tgt Ion: 330 Resp: 71565
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 46.6 38.6 57.8

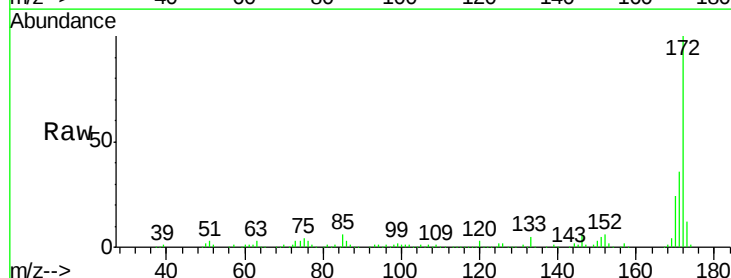


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

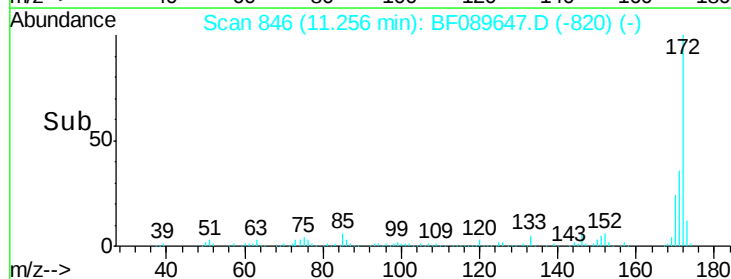
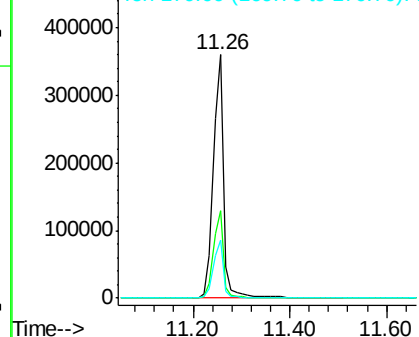


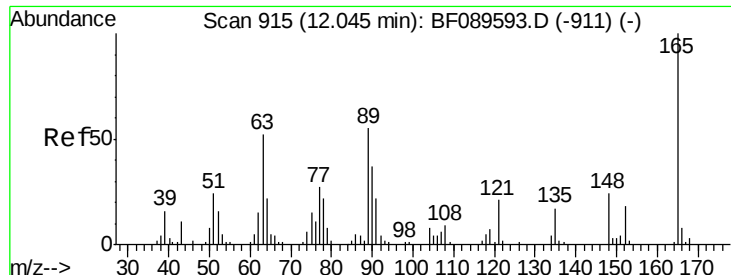
#44
 2-Fluorobiphenyl
 Concen: 97.11 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion: 172 Resp: 547187
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 23.7 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

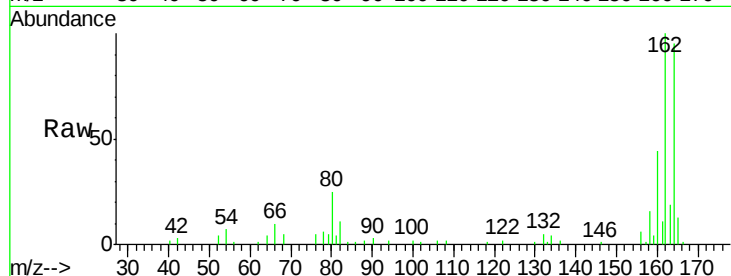




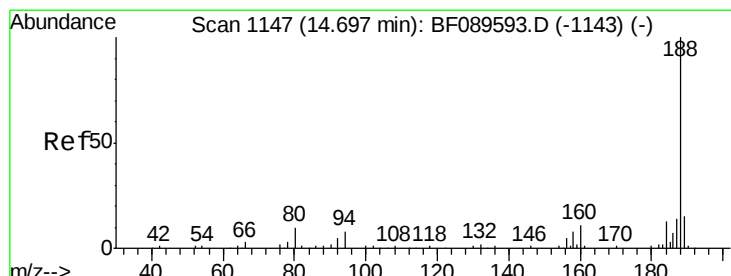
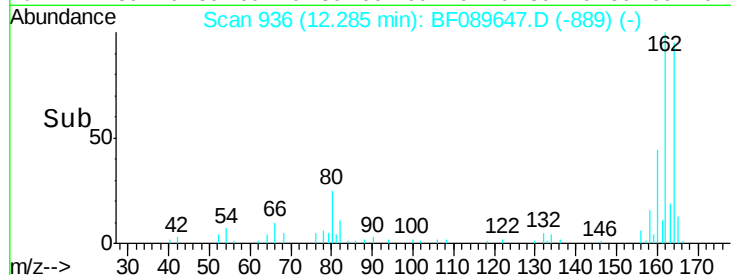
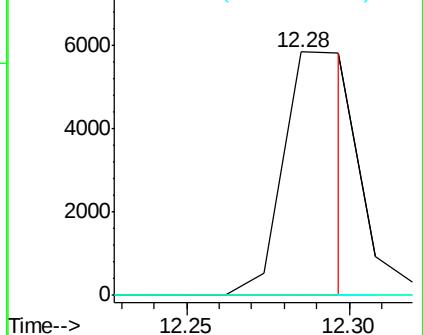
#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 12.28 min Scan# 936
 Delta R.T. 0.24 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Instrument :
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 PB92711TB

Tgt Ion:165 Resp: 8368
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.6 67.0#
 89 0.0 44.2 66.2#

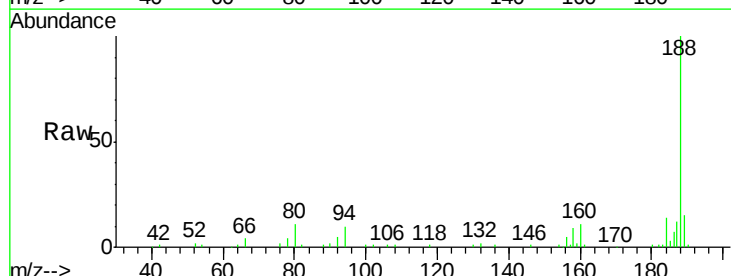


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

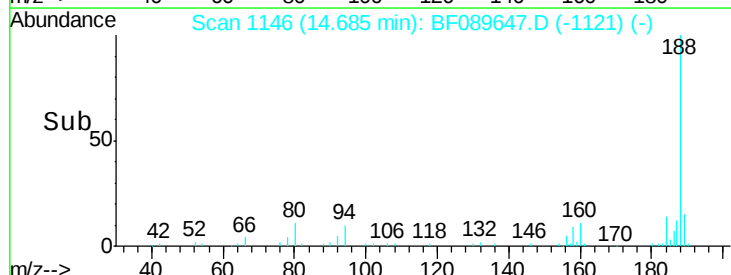
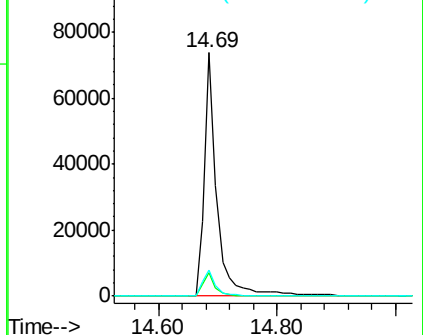


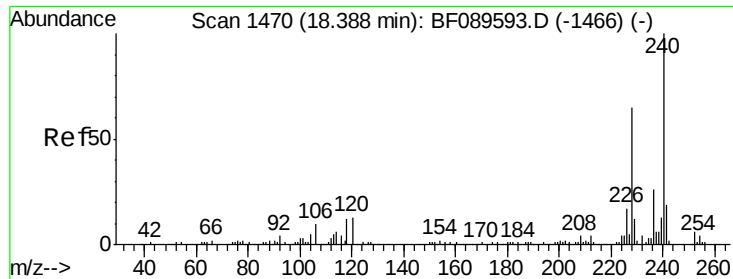
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion:188 Resp: 111923
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.5 9.7#
 80 10.9 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

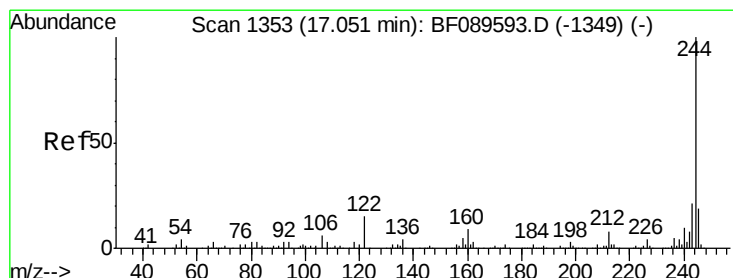
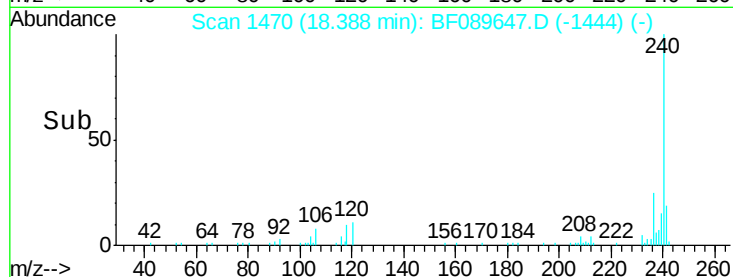
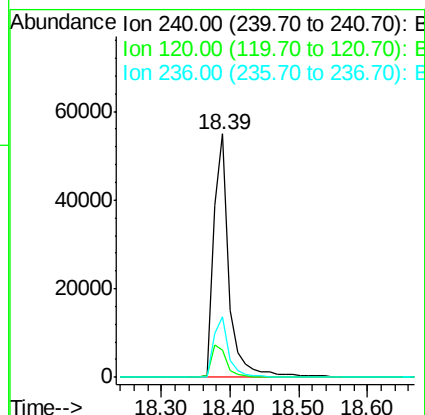
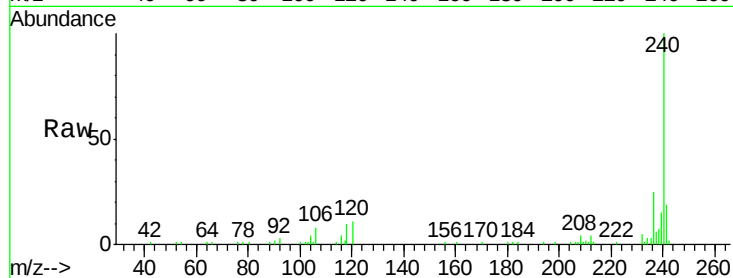




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

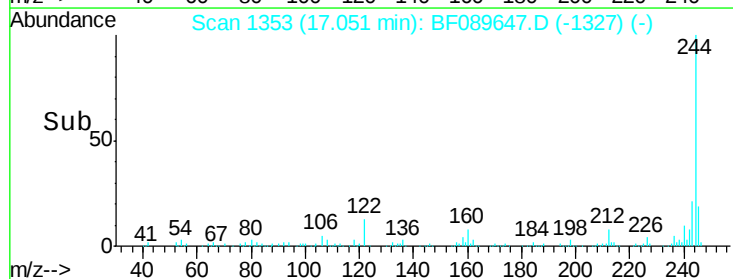
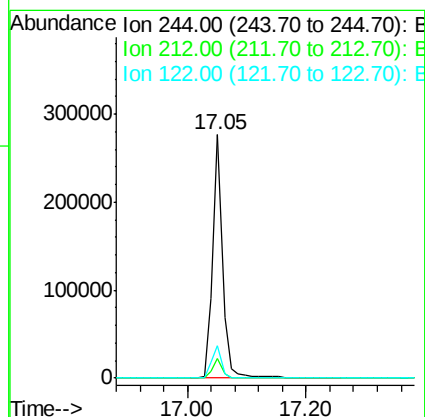
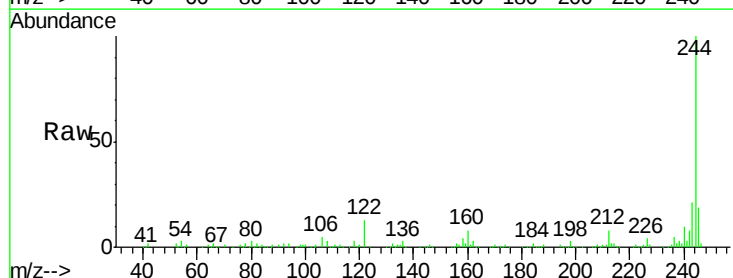
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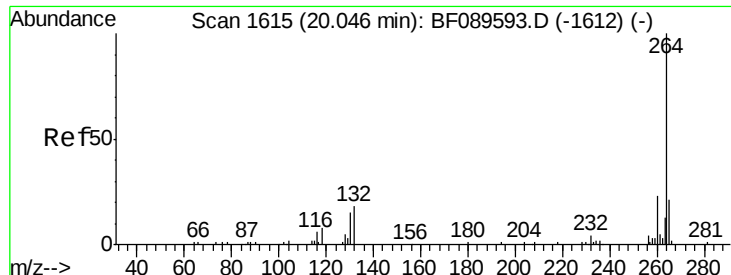
Tgt Ion:240 Resp: 86243
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.6 15.8
 236 25.1 20.6 30.8



#78
 Terphenyl-d14
 Concen: 74.05 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089647.D
 Acq: 6 Aug 2016 3:02

Tgt Ion:244 Resp: 323488
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 13.4 12.2 18.2

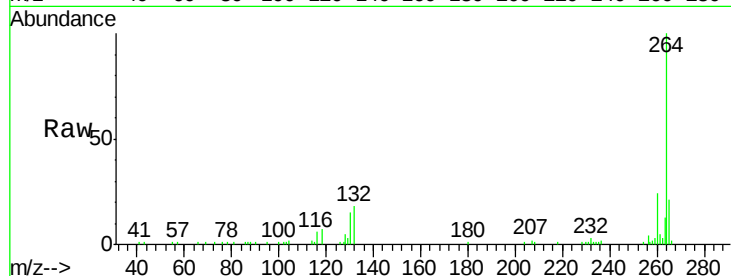




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089647.D
Acq: 6 Aug 2016 3:02

Instrument :
BNA_F
ClientSampleId :
PB92711TB

Tgt Ion: 264 Resp: 74688
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.9 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

