

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089651.D
 Acq On : 6 Aug 2016 5:17
 Operator : UM/SJ
 Sample : H4351-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Aug 06 06:02:40 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

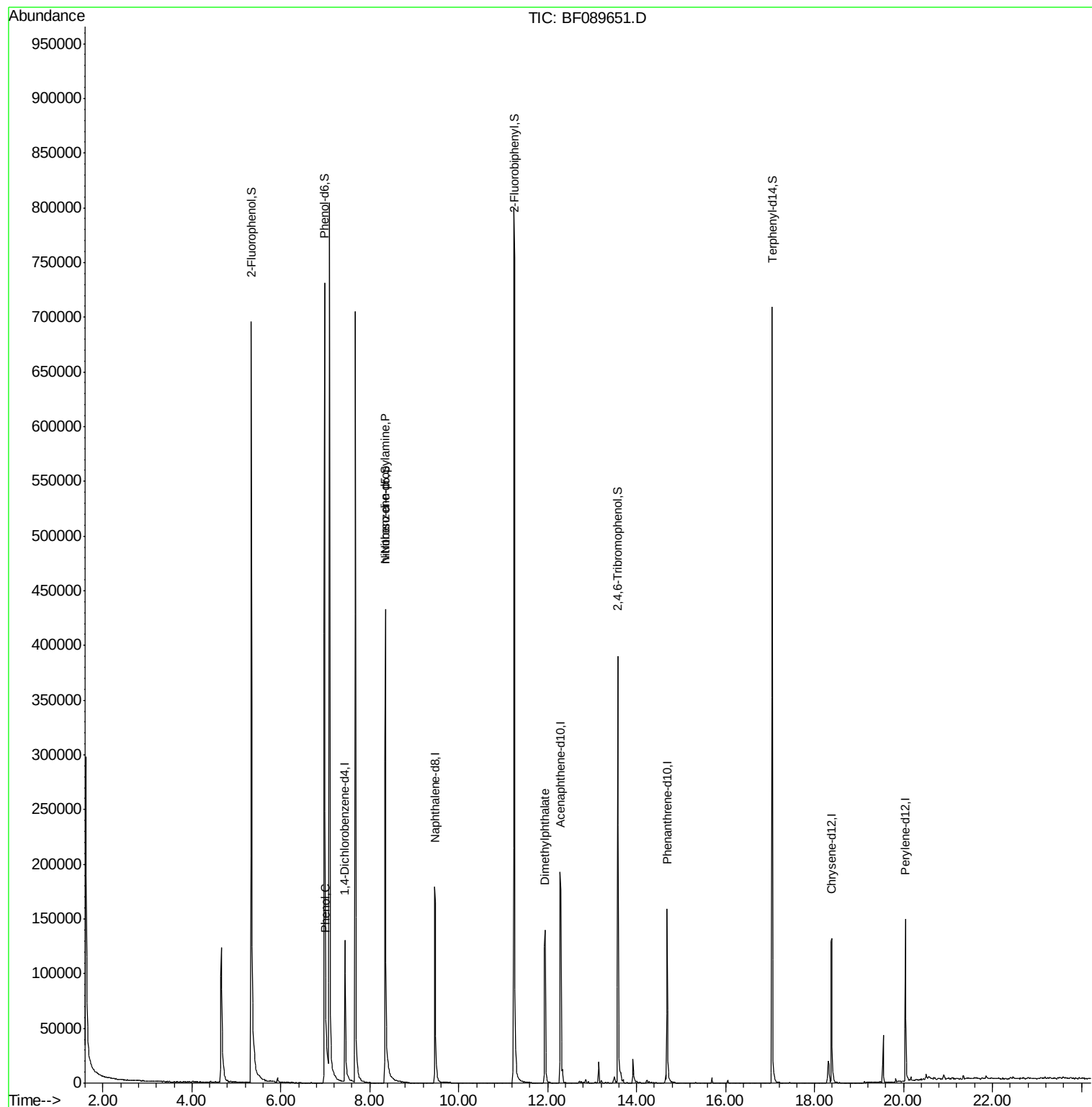
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	41409	20.00	ng	-0.01
21) Naphthalene-d8	9.46	136	163162	20.00	ng	-0.01
38) Acenaphthene-d10	12.28	164	68103	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	102483	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	86396	20.00	ng	0.00
86) Perylene-d12	20.05	264	75367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	337384	136.56	ng	0.02
7) Phenol-d6	6.98	99	445229	132.84	ng	0.00
23) Nitrobenzene-d5	8.35	82	271591	92.07	ng	-0.01
41) 2,4,6-Tribromophenol	13.58	330	63097	112.27	ng	-0.01
44) 2-Fluorobiphenyl	11.26	172	474948	90.64	ng	0.00
78) Terphenyl-d14	17.05	244	285539	65.24	ng	0.00
Target Compounds						
10) Phenol	7.00	94	7001	2.03	ng	# 34
19) n-Nitroso-di-n-propylamine	8.35	70	32557	13.45	ng	# 79
49) Dimethylphthalate	11.94	163	106144	19.88	ng	99

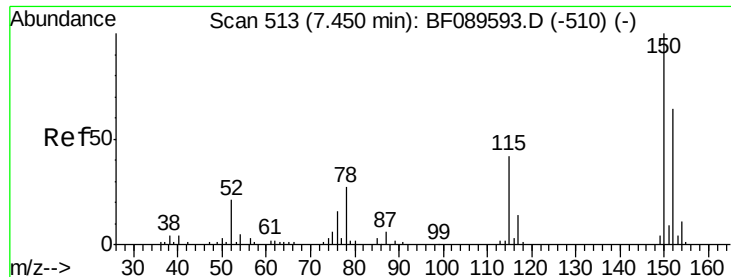
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089651.D

Acq: 6 Aug 2016 5:17

Instrument :

BNA_F

ClientSampled :

SB-4

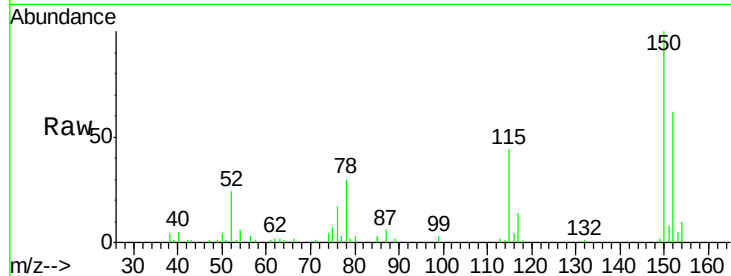
Tgt Ion:152 Resp: 41409

Ion Ratio Lower Upper

152 100

150 162.6 125.5 188.3

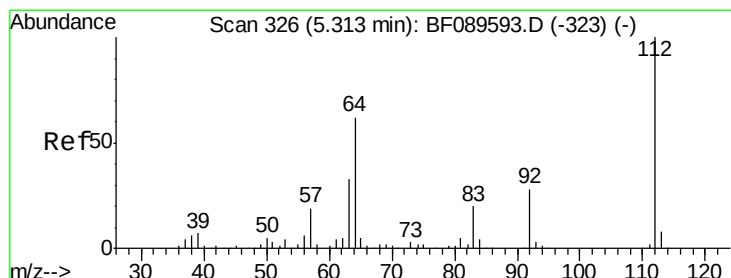
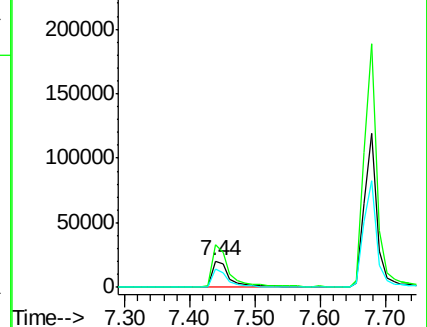
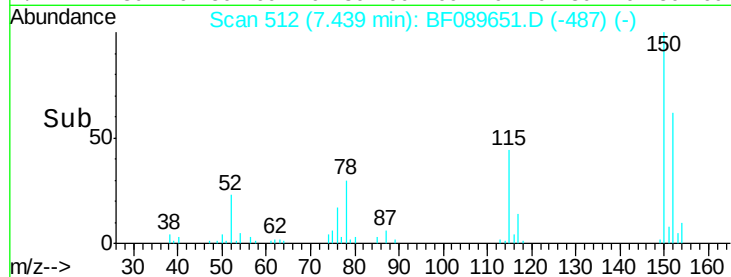
115 70.9 52.0 78.0



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: 136.56 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.02 min

Lab File: BF089651.D

Acq: 6 Aug 2016 5:17

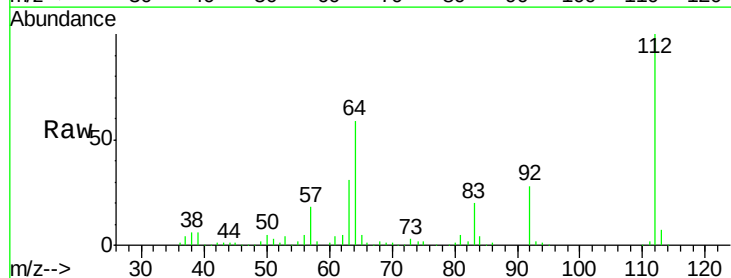
Tgt Ion:112 Resp: 337384

Ion Ratio Lower Upper

112 100

64 59.2 49.9 74.9

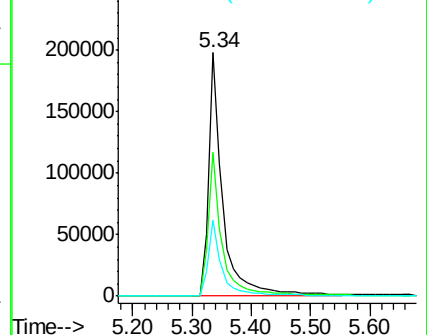
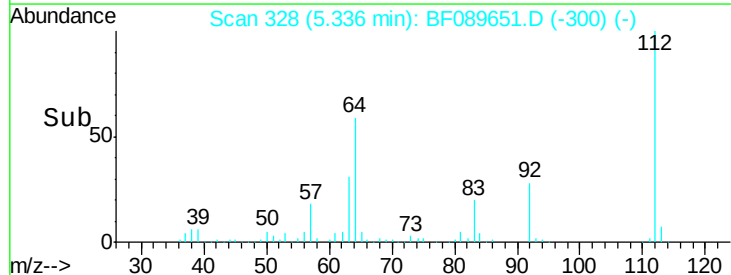
63 31.3 26.1 39.1

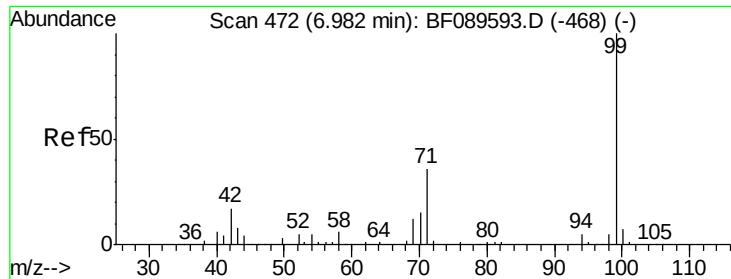


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.84 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089651.D

Acq: 6 Aug 2016 5:17

Instrument :

BNA_F

ClientSampleId :

SB-4

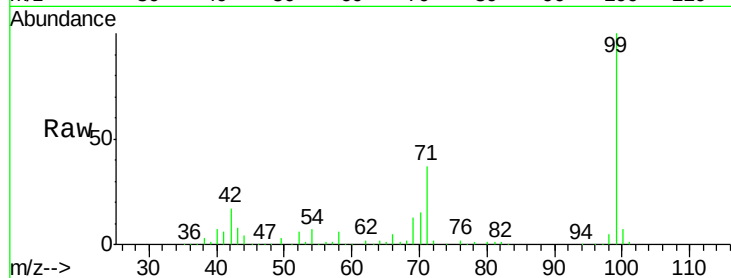
Tgt Ion: 99 Resp: 445229

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

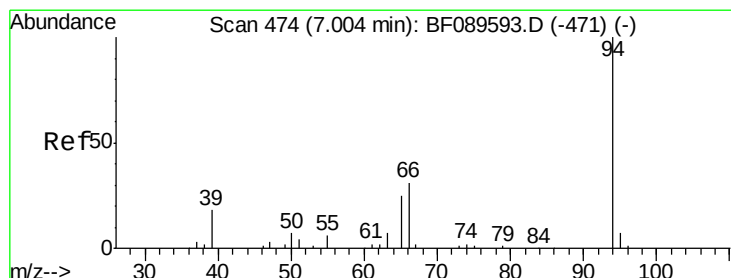
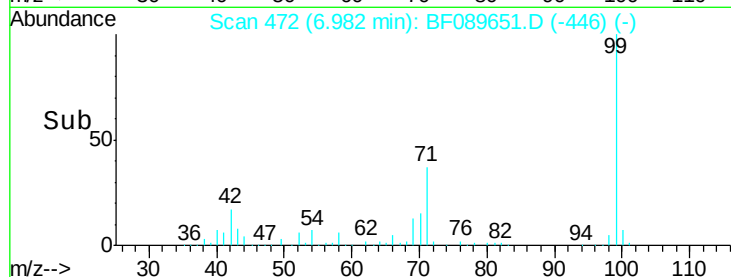
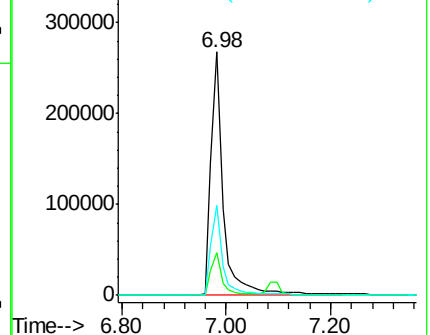
71 37.0 29.0 43.4



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



#10

Phenol

Concen: 2.03 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089651.D

Acq: 6 Aug 2016 5:17

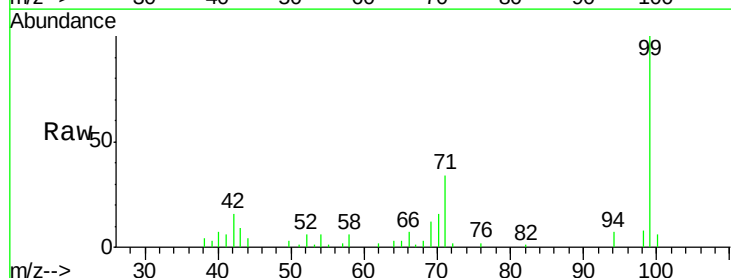
Tgt Ion: 94 Resp: 7001

Ion Ratio Lower Upper

94 100

65 42.1 11.0 51.0

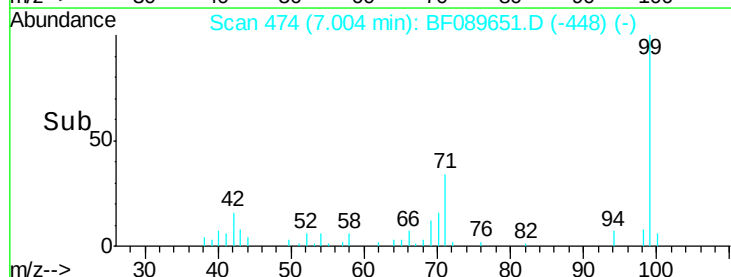
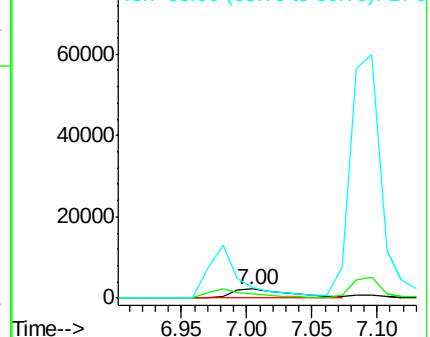
66 111.2 27.4 67.4#

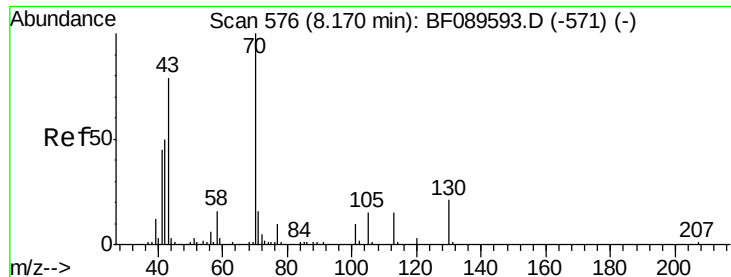


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

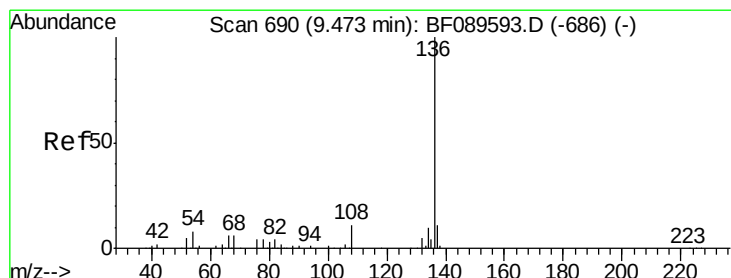
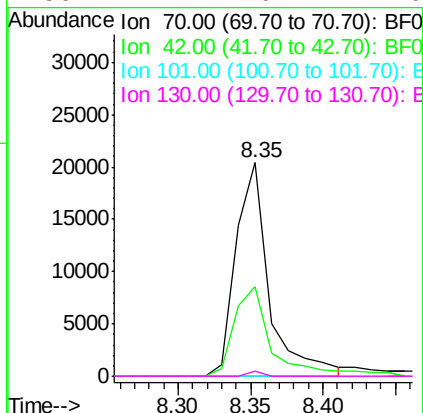
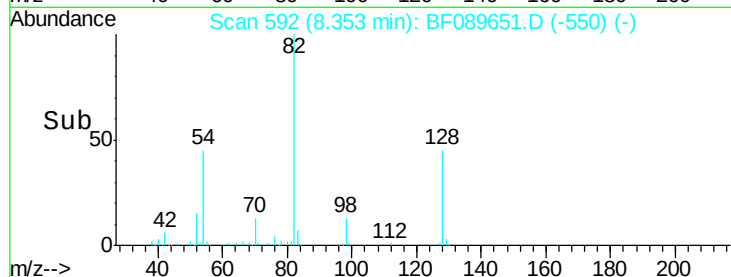
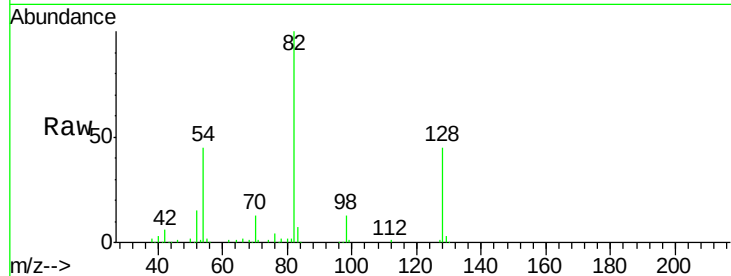




#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089651.D
Acq: 6 Aug 2016 5:17

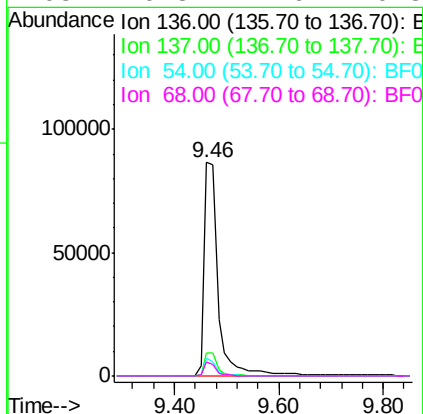
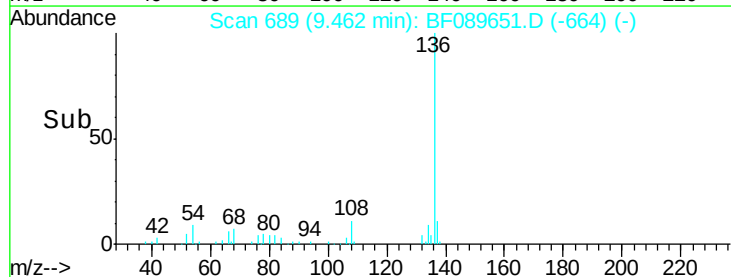
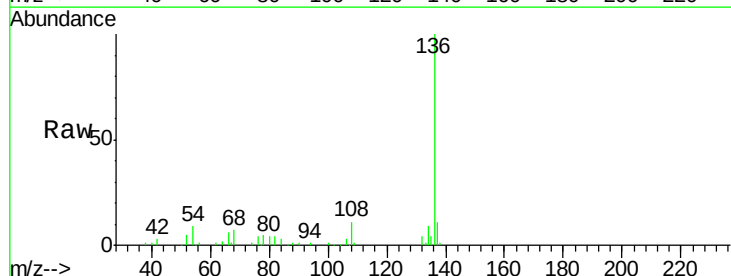
Instrument :
BNA_F
ClientSampleId :
SB-4

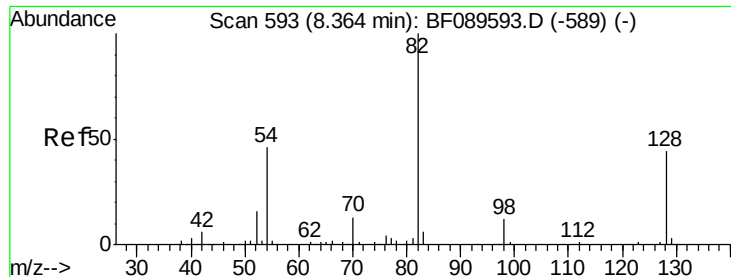
Tgt Ion: 70 Resp: 32557
Ion Ratio Lower Upper
70 100
42 42.1 40.2 60.2
101 0.0 7.8 11.6#
130 2.4 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF089651.D
Acq: 6 Aug 2016 5:17

Tgt Ion: 136 Resp: 163162
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.6 6.0 9.0
68 6.8 4.6 6.8

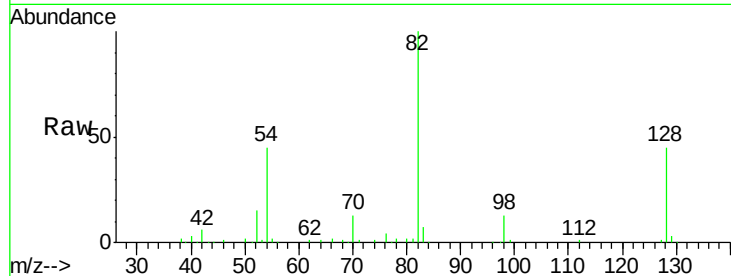




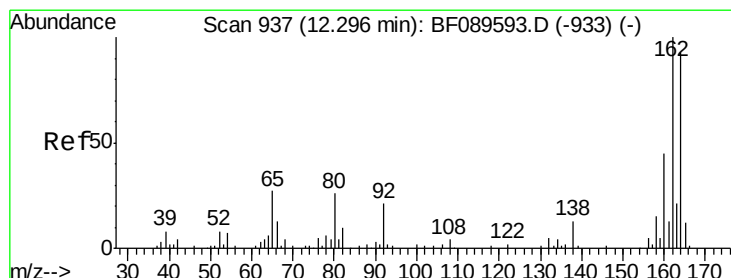
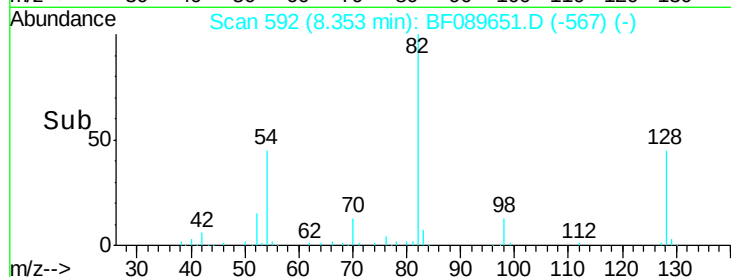
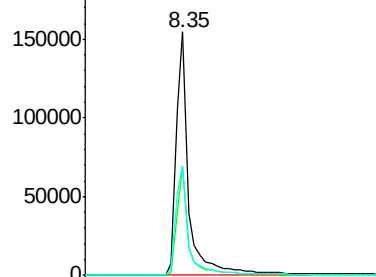
#23
 Nitrobenzene-d5
 Concen: 92.07 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

Instrument :
 BNA_F
 ClientSampled :
 SB-4

Tgt Ion: 82 Resp: 271591
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.4 53.0
 54 44.9 36.4 54.6

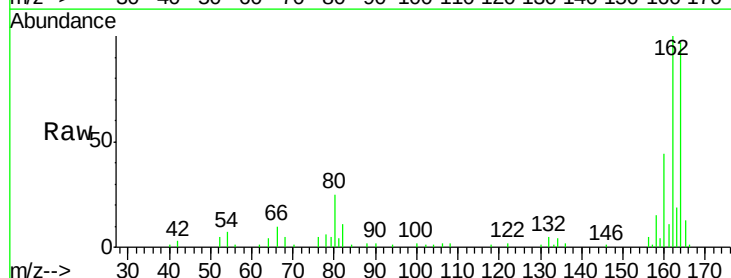


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): B

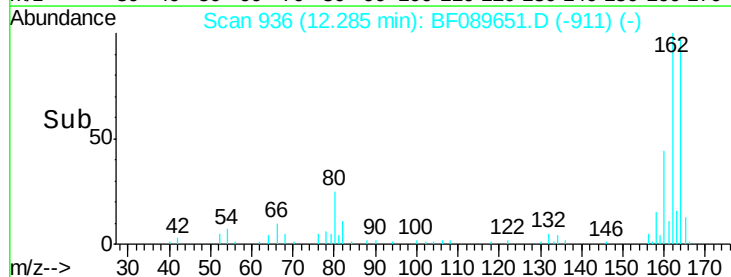
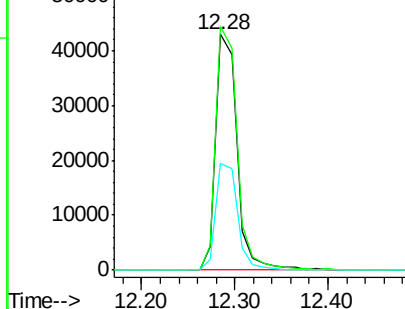


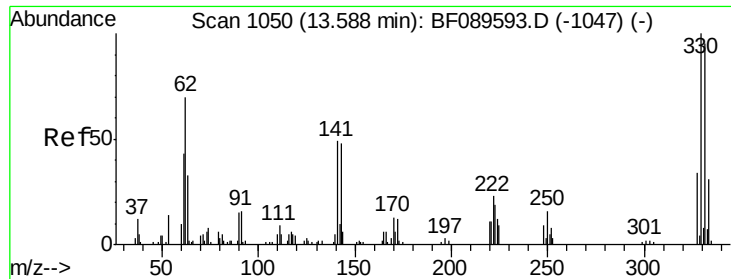
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.28 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

Tgt Ion: 164 Resp: 68103
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.7 128.5
 160 45.3 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

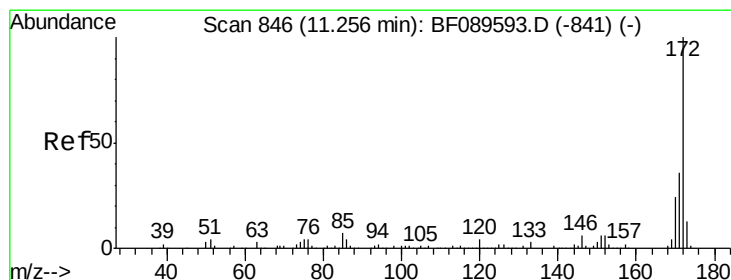
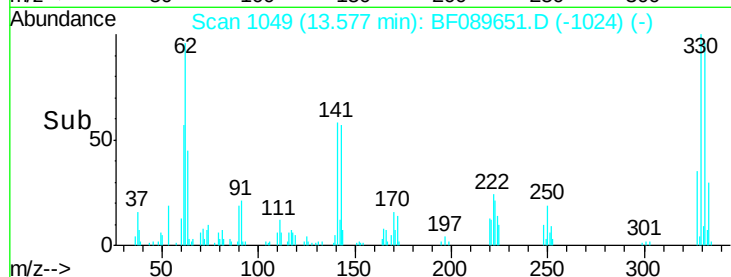
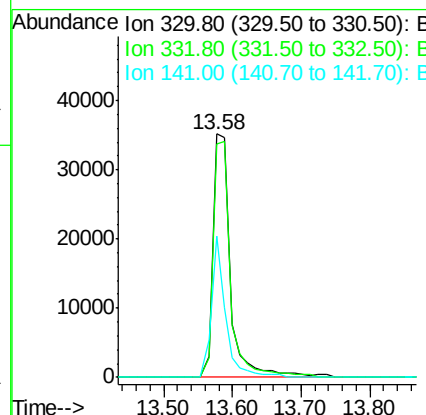
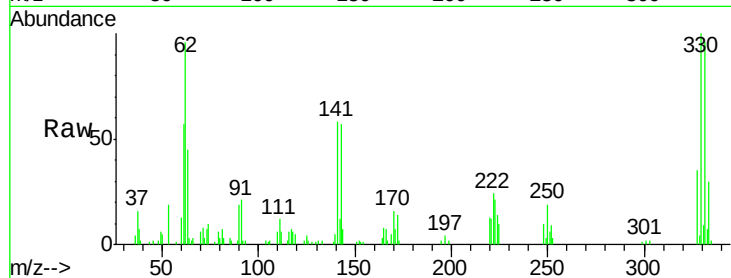




#41
 2,4,6-Tribromophenol
 Concen: 112.27 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

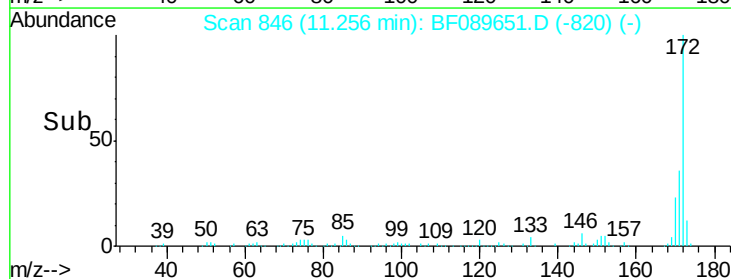
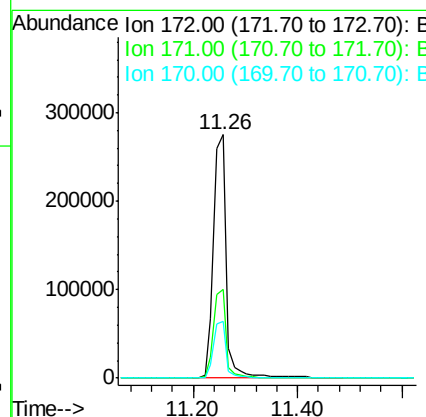
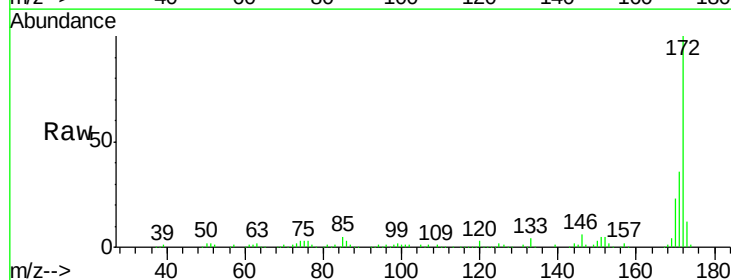
Instrument :
 BNA_F
 ClientSampleId :
 SB-4

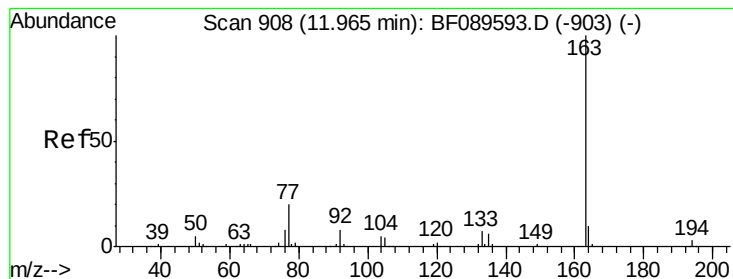
Tgt Ion:330 Resp: 63097
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 46.6 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

Tgt Ion:172 Resp: 474948
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.3 19.0 28.6





#49

Dimethylphthalate

Concen: 19.88 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089651.D

Acq: 6 Aug 2016 5:17

Instrument :

BNA_F

ClientSampleId :

SB-4

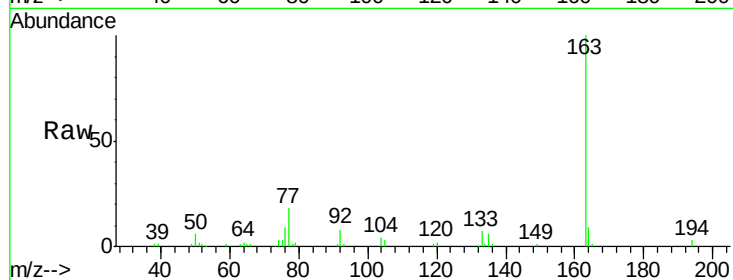
Tgt Ion:163 Resp: 106144

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

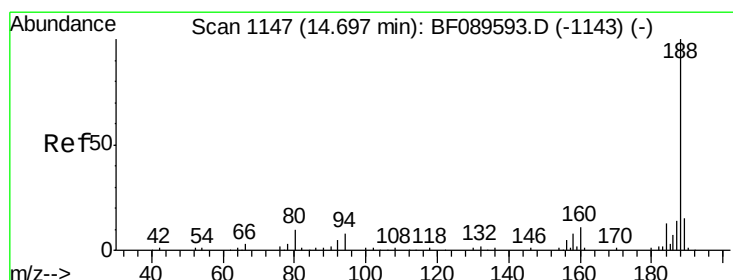
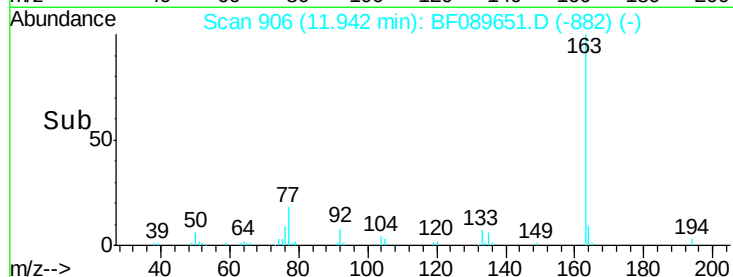
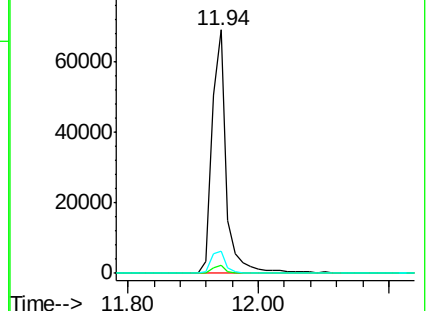
164 9.3 7.8 11.6



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: BF089651.D

Acq: 6 Aug 2016 5:17

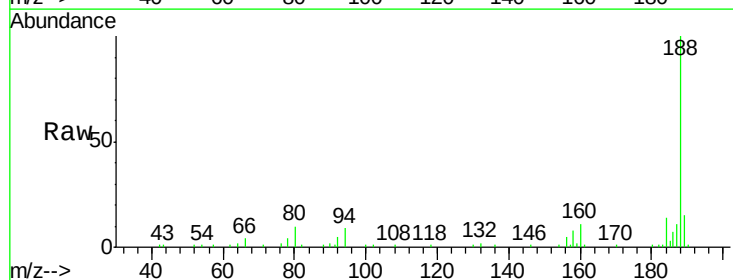
Tgt Ion:188 Resp: 102483

Ion Ratio Lower Upper

188 100

94 9.2 6.5 9.7

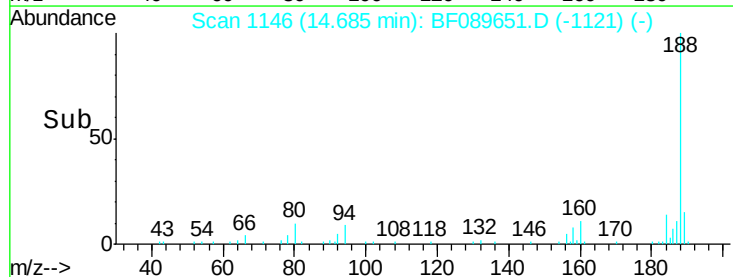
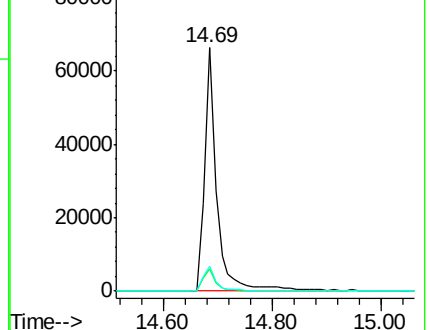
80 10.4 8.0 12.0

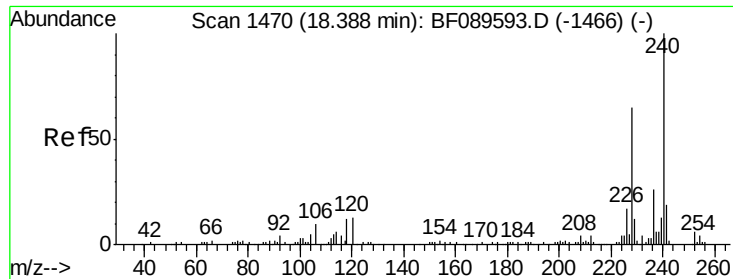


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

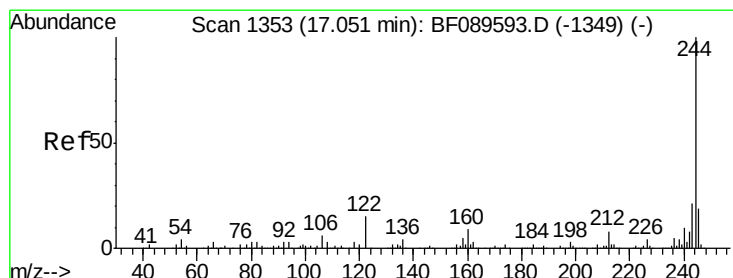
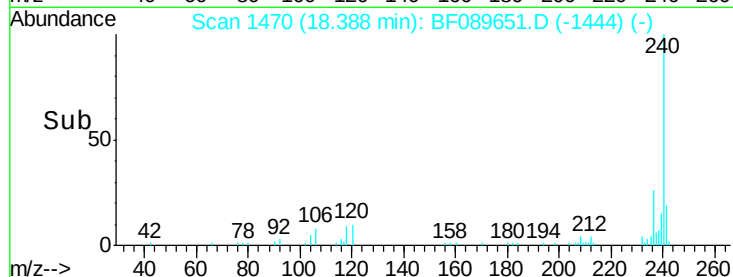
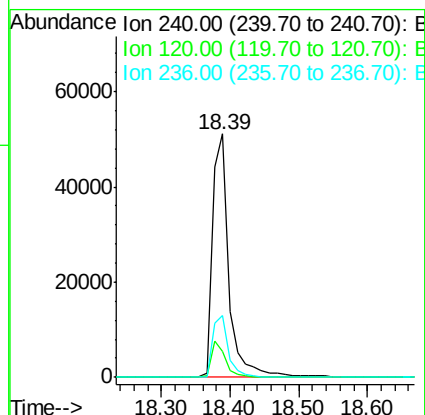
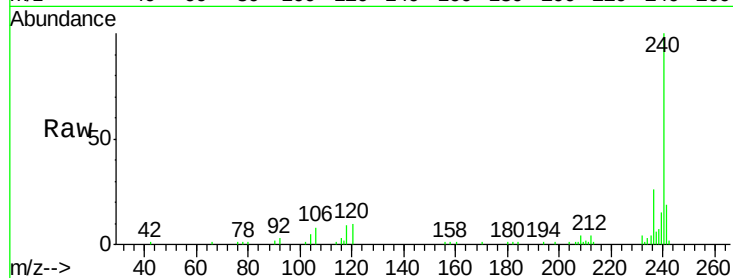




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

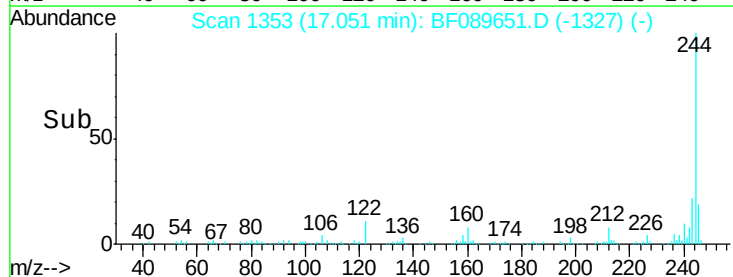
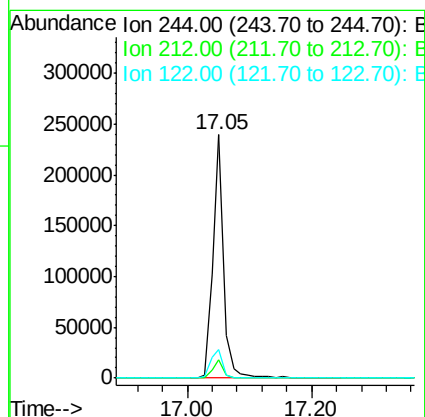
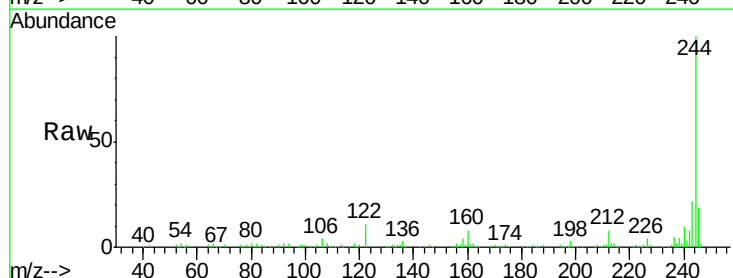
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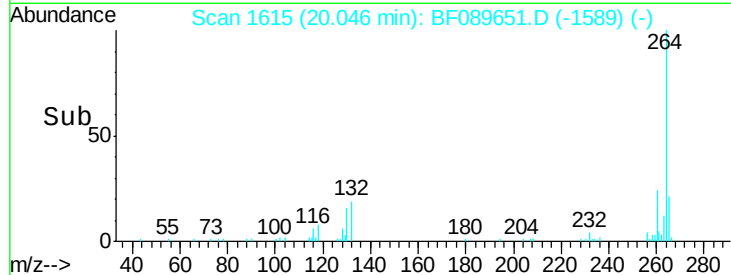
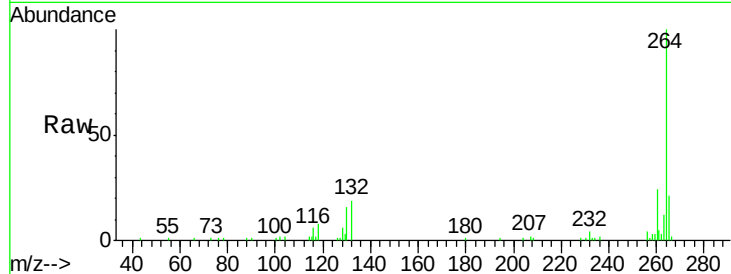
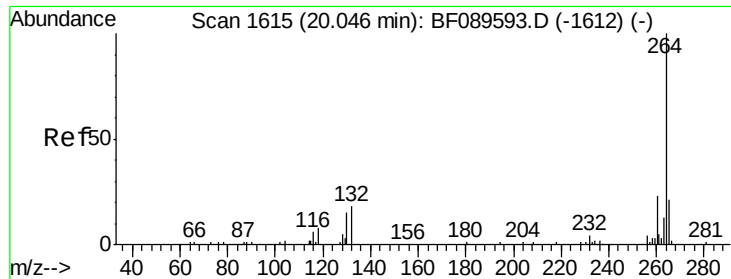
Tgt Ion:240 Resp: 86396
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.6 15.8#
 236 25.6 20.6 30.8



#78
 Terphenyl-d14
 Concen: 65.24 ng
 RT: 17.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF089651.D
 Acq: 6 Aug 2016 5:17

Tgt Ion:244 Resp: 285539
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 11.5 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: BF089651.D
Acq: 6 Aug 2016 5:17

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:	264	Resp:	75367
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	20.9	16.5	24.7

