

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095898.D
 Acq On : 13 Jun 2017 17:28
 Operator : SJ/MA
 Sample : I3640-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NF-DRUMS-STONE-COMP

Quant Time: Jun 14 04:37:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

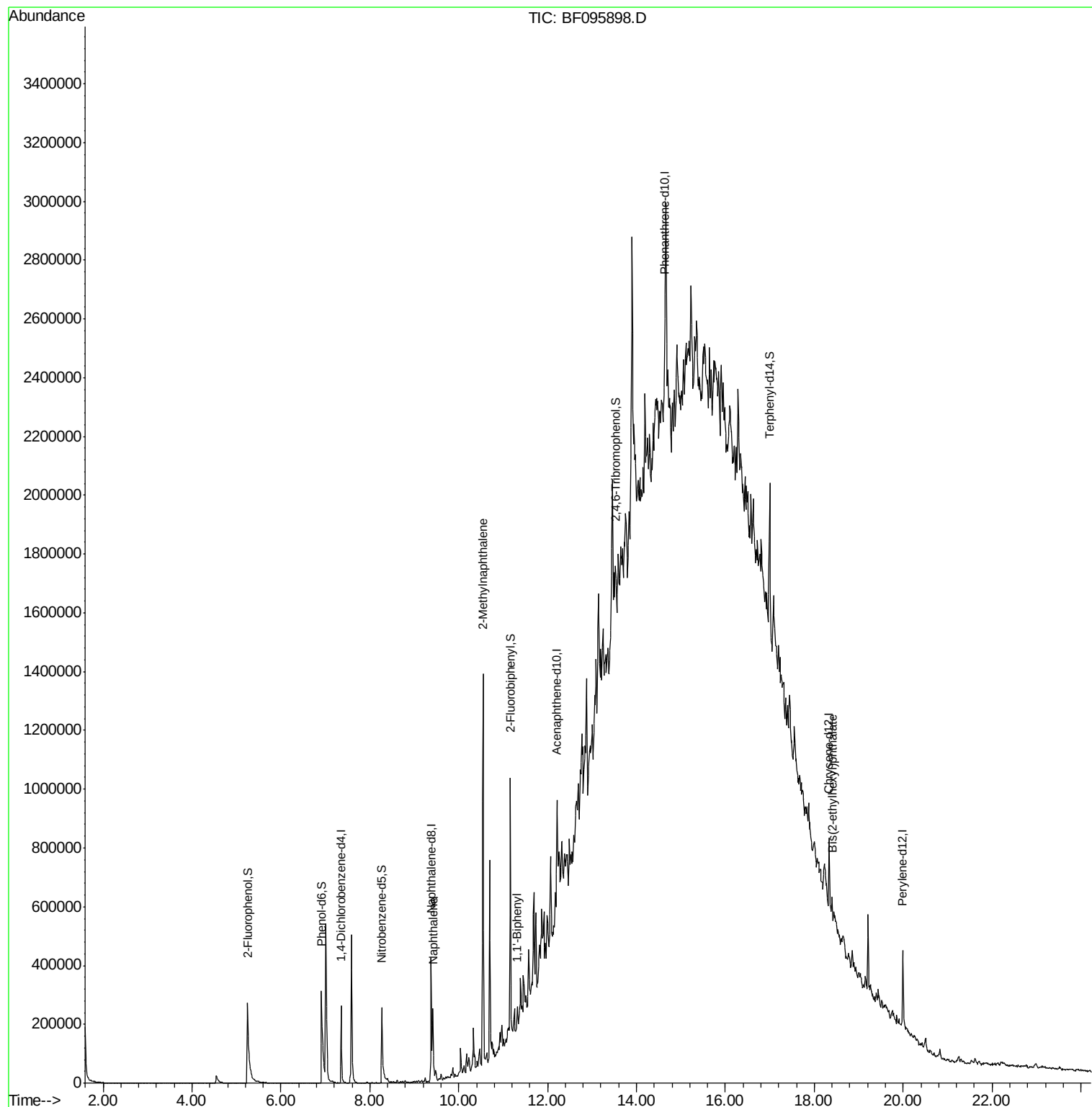
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66200	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	265255	20.00	ng	-0.05
38) Acenaphthene-d10	12.21	164	111954	20.00	ng	-0.05
63) Phenanthrene-d10	14.63	188	134019	20.00	ng	-0.01
75) Chrysene-d12	18.33	240	125951	20.00	ng	-0.02
86) Perylene-d12	19.99	264	124864	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	263354	63.39	ng	-0.04
7) Phenol-d6	6.91	99	312148	62.76	ng	-0.05
23) Nitrobenzene-d5	8.27	82	190030	44.49	ng	-0.05
41) 2,4,6-Tribromophenol	13.52	330	49136	49.61	ng	-0.03
44) 2-Fluorobiphenyl	11.16	172	383784	47.70	ng	-0.05
78) Terphenyl-d14	17.00	244	204132	40.22	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	9.42	128	189764	14.25	ng	99
37) 2-Methylnaphthalene	10.55	142	517051	57.49	ng	98
45) 1,1'-Biphenyl	11.32	154	21775	2.36	ng	98
83) Bis(2-ethylhexyl)phthalate	18.40	149	19356	3.34	ng	91

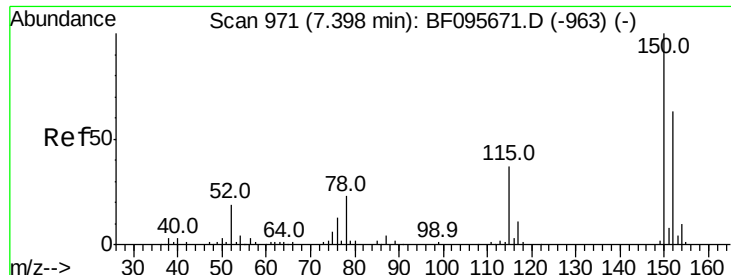
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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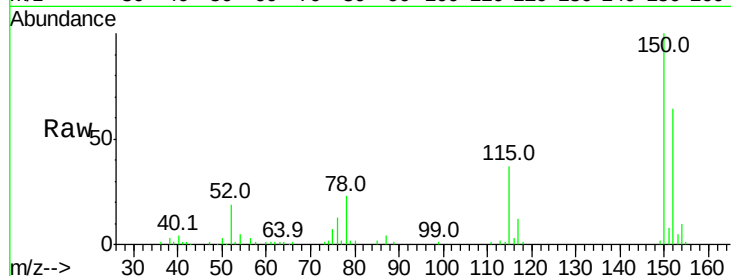


#1

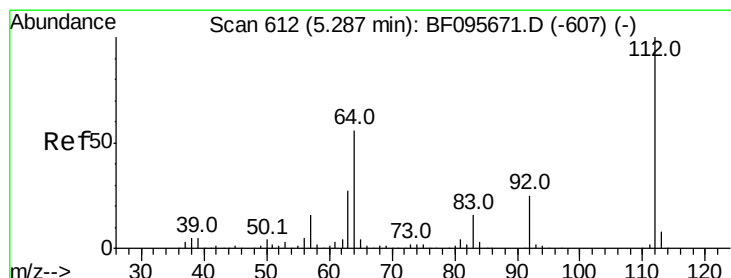
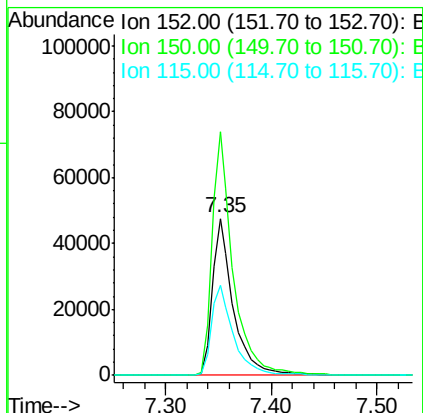
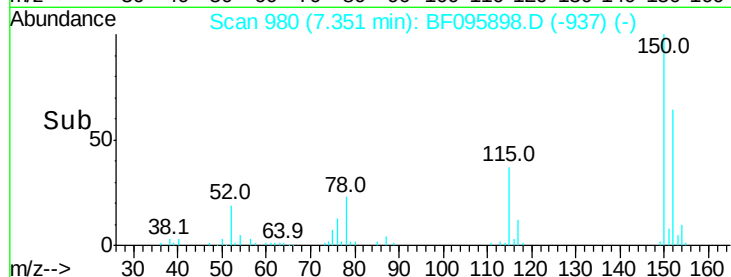
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Instrument :
BNA_F
ClientSampleId :
NF-DRUMS-STONE-COMP

Tot Ion:152 Resp: 66200
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 57.5 52.2 78.2



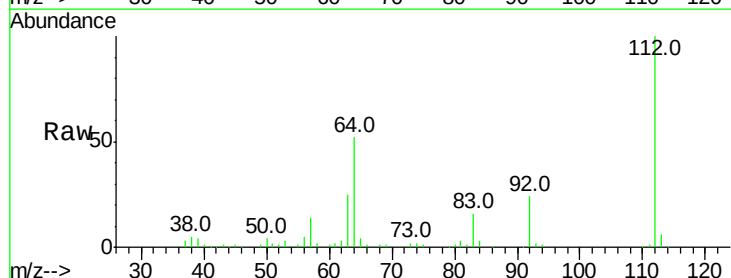
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



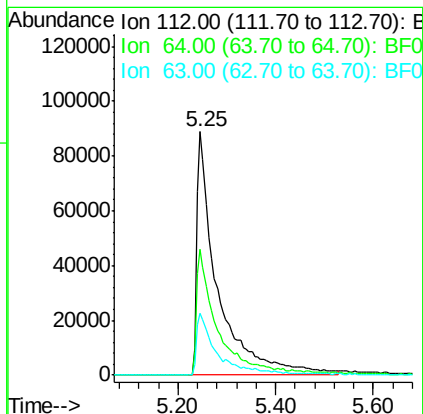
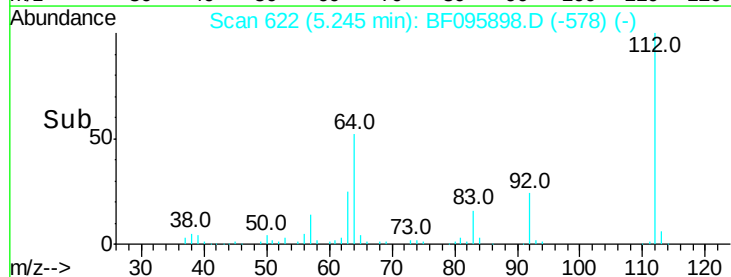
#5

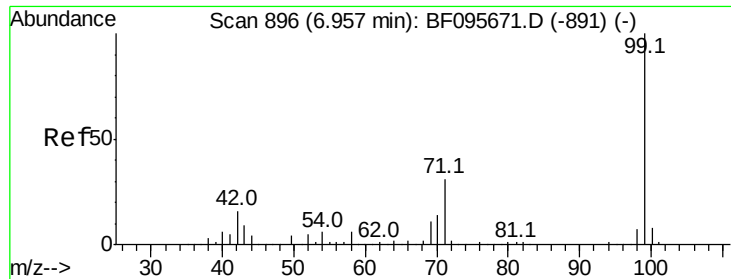
2-Fluorophenol
Concen: 63.39 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095898.D
Acq: 13 Jun 2017 17:28

Tgt Ion:112 Resp: 263354
Ion Ratio Lower Upper
112 100
64 51.9 46.0 69.0
63 25.4 23.4 35.0



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: 62.76 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

NF-DRUMS-STONE-COMP

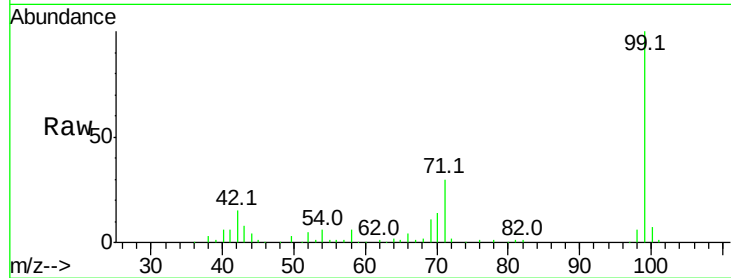
Tot Ion: 99 Resp: 312148

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

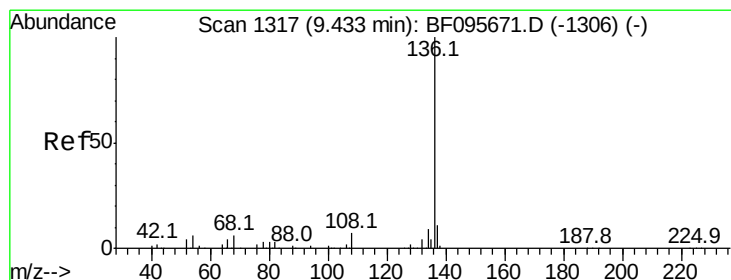
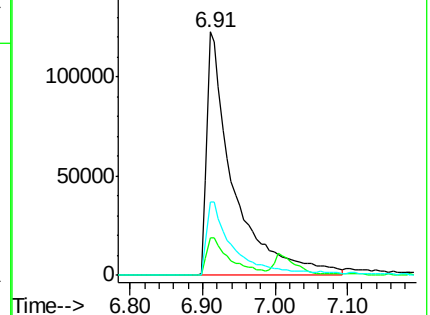
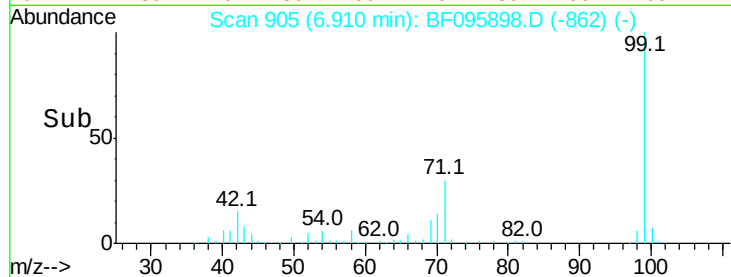
71 30.0 24.5 36.7



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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Tgt Ion: 136 Resp: 265255

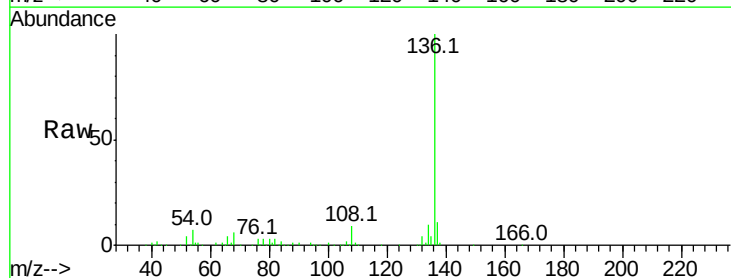
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

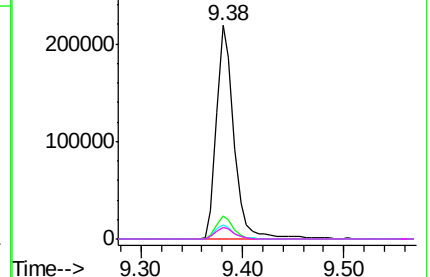
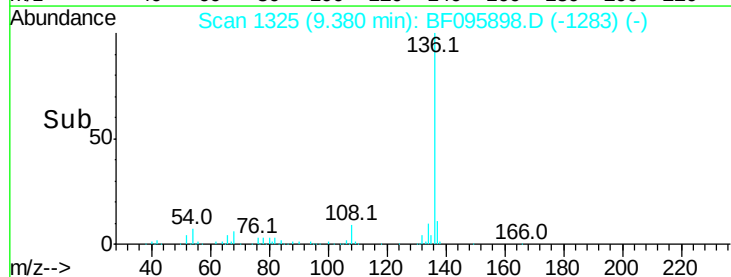


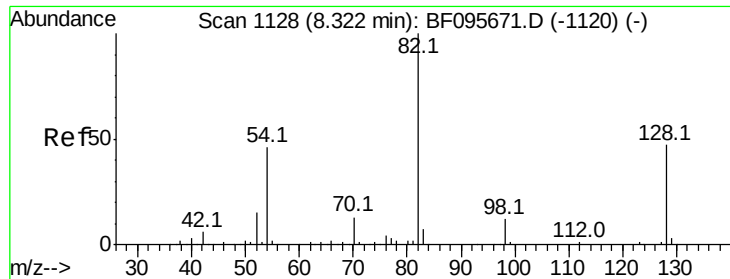
Abundance Ion 136.00 (135.70 to 136.70): E

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

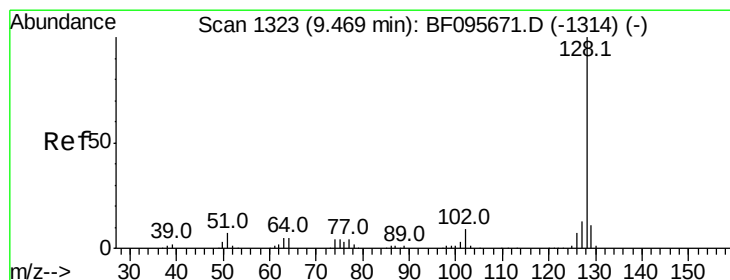
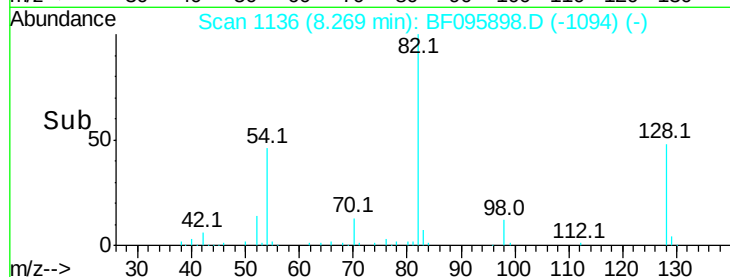
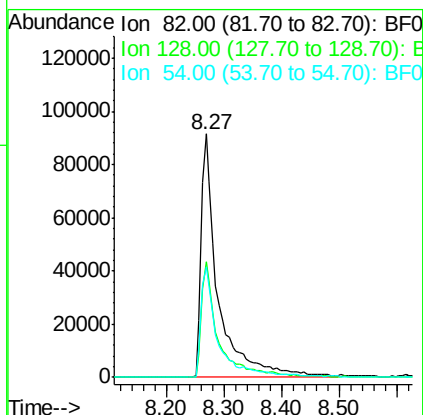
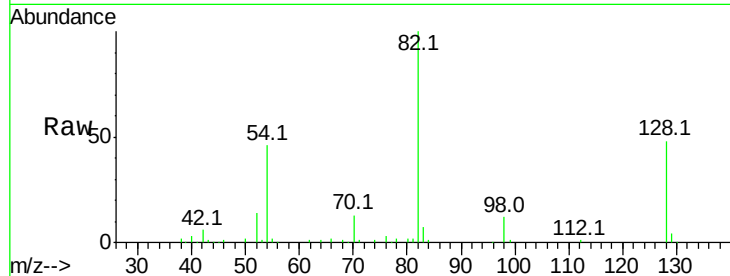




#23
 Nitrobenzene-d5
 Concen: 44.49 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

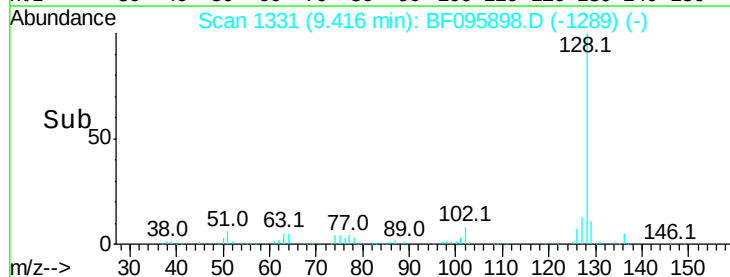
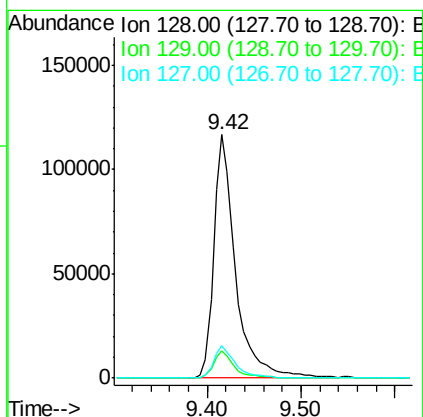
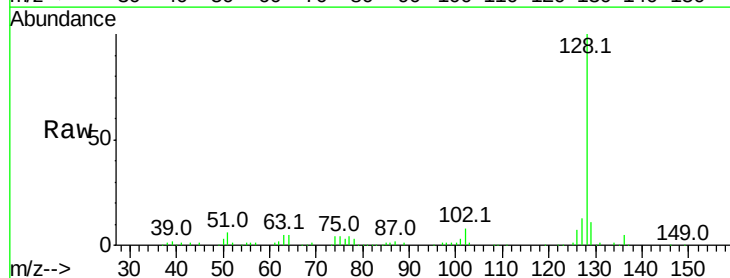
Instrument :
 BNA_F
 ClientSampleId :
 NF-DRUMS-STONE-COMP

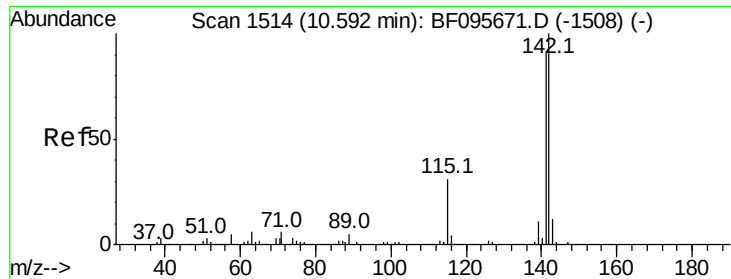
Tot Ion: 82 Resp: 190030
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 45.5 42.2 63.2



#31
 Naphthalene
 Concen: 14.25 ng
 RT: 9.42 min Scan# 1331
 Delta R.T. -0.05 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Tgt Ion: 128 Resp: 189764
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.3 10.8 16.2

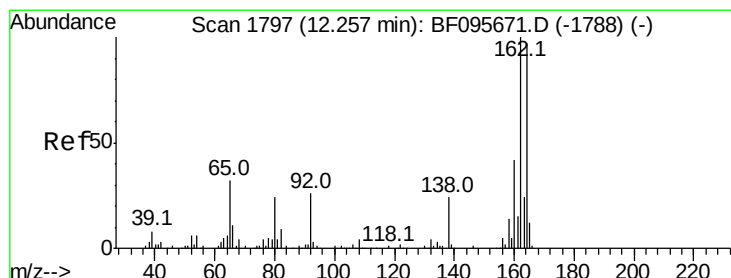
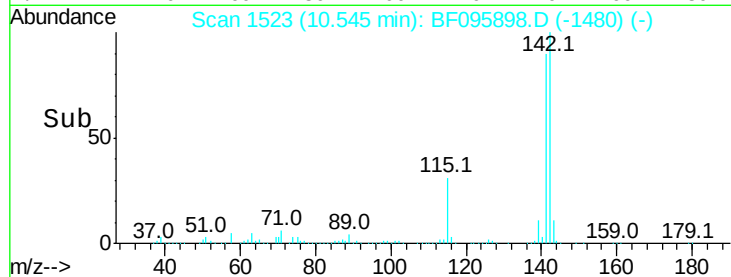
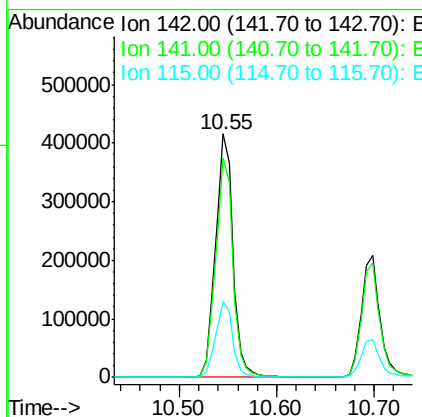
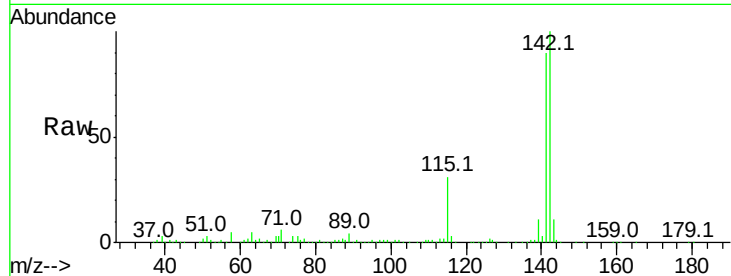




#37
 2-Methylnaphthalene
 Concen: 57.49 ng
 RT: 10.55 min Scan# 1523
 Delta R.T. -0.05 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

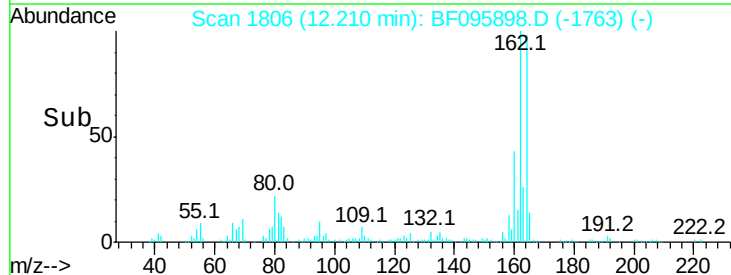
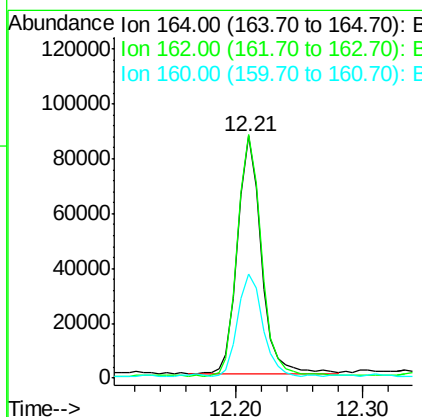
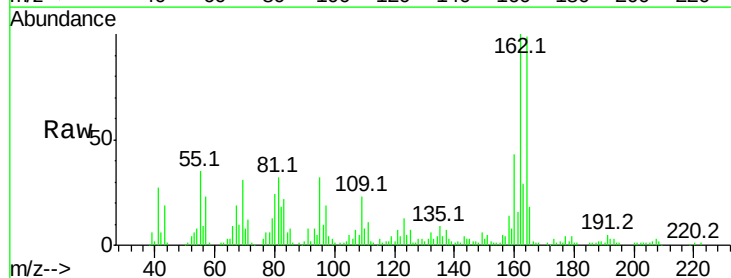
Instrument :
 BNA_F
 ClientSampleId :
 NF-DRUMS-STONE-COMP

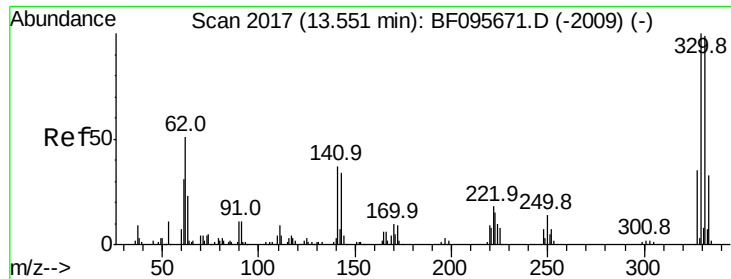
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.21 min Scan# 1806
 Delta R.T. -0.05 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	42.8	36.2	54.2

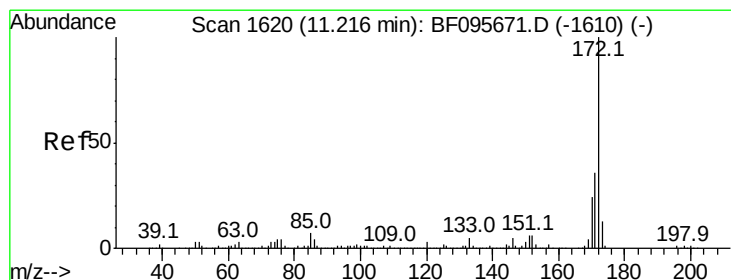
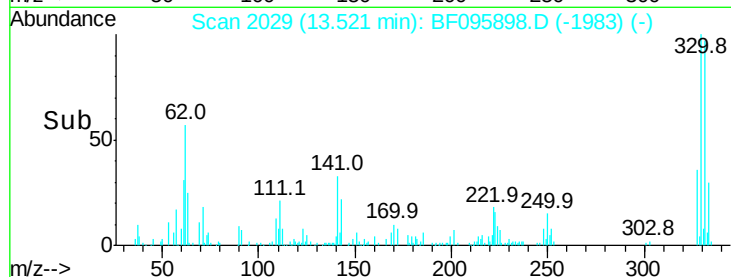
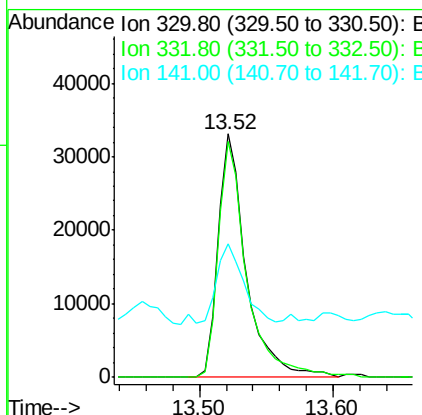
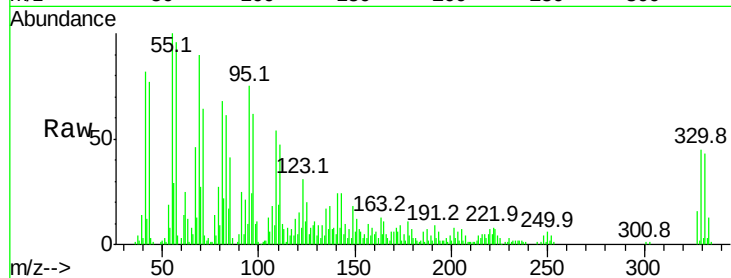




#41
 2,4,6-Tribromophenol
 Concen: 49.61 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

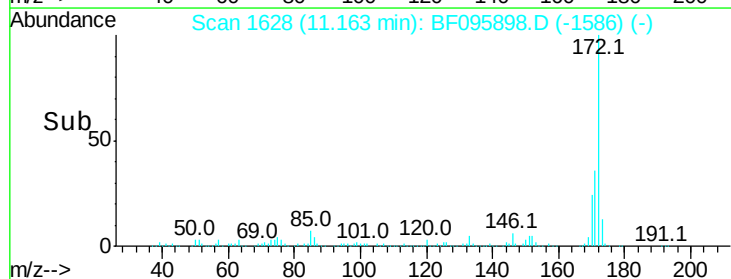
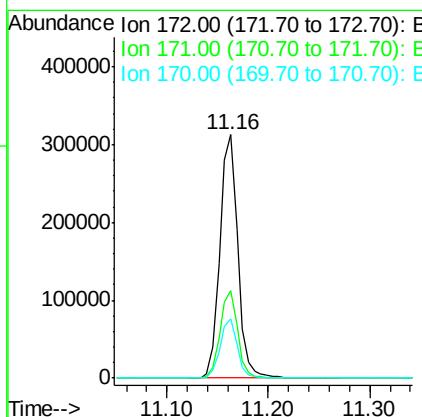
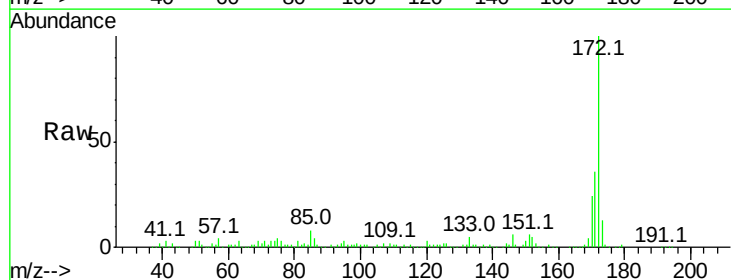
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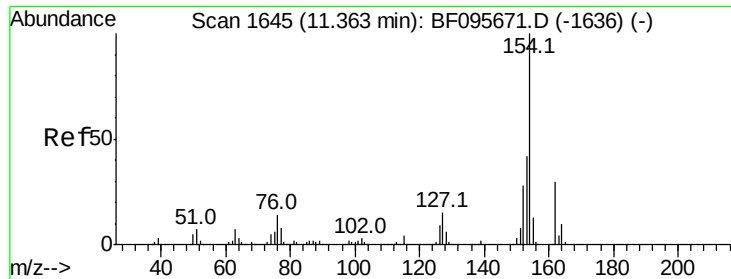
Tot Ion:330 Resp: 49136
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 33.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 47.70 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Tgt Ion:172 Resp: 383784
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 2.36 ng

RT: 11.32 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

BNA_F

ClientSampleId :

NF-DRUMS-STONE-COMP

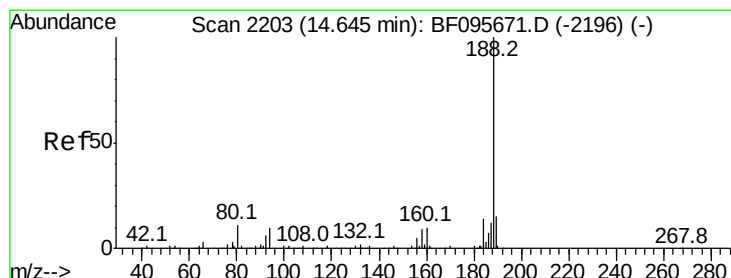
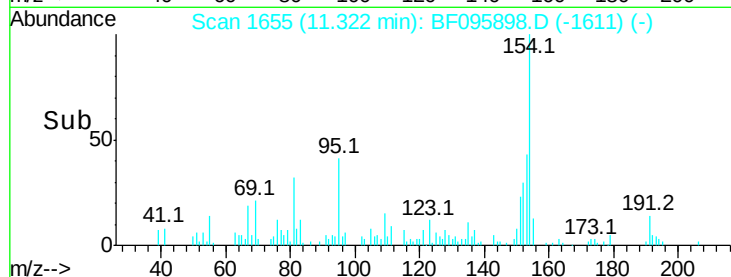
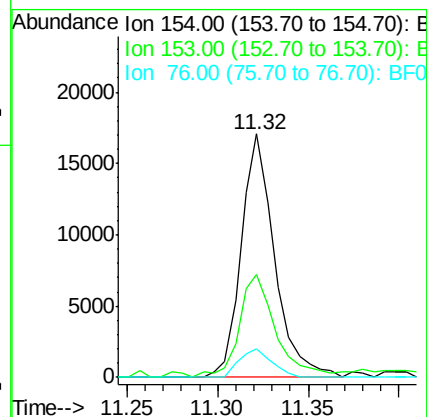
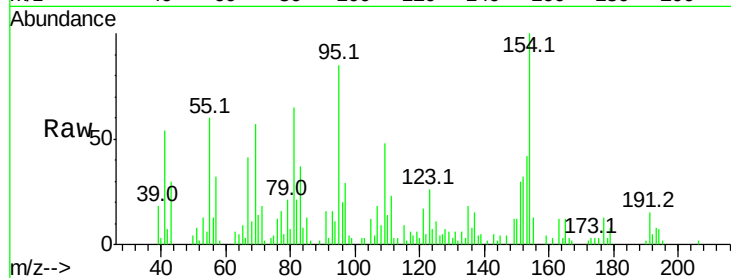
Tot Ion:154 Resp: 21775

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

76 11.8 0.0 29.9



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

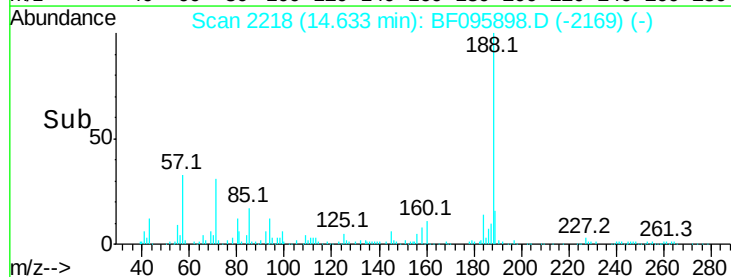
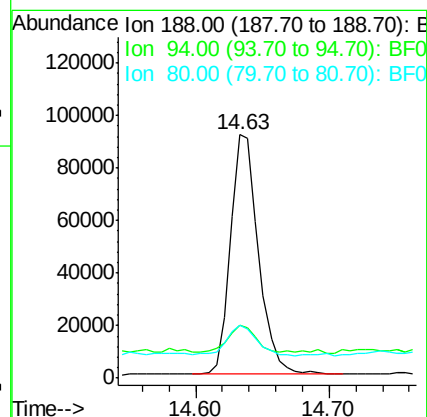
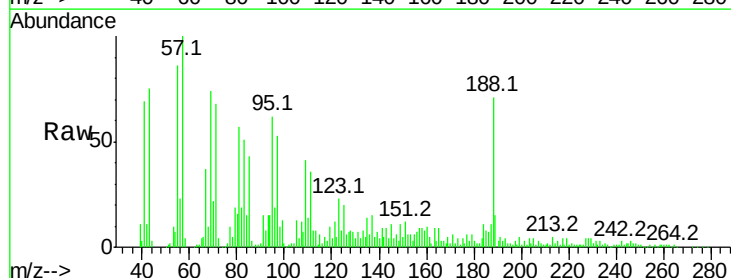
Tgt Ion:188 Resp: 134019

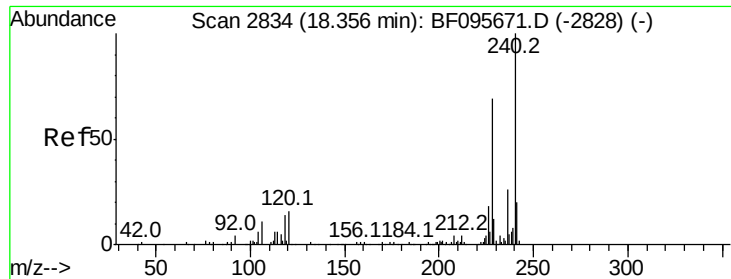
Ion Ratio Lower Upper

188 100

94 21.7 9.4 14.2#

80 21.8 10.2 15.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

Instrument :

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ClientSampleId :

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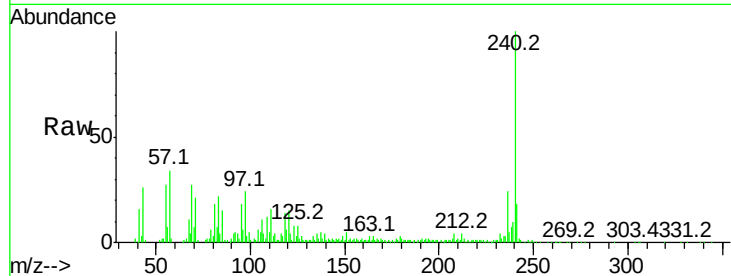
Tot Ion:240 Resp: 125951

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

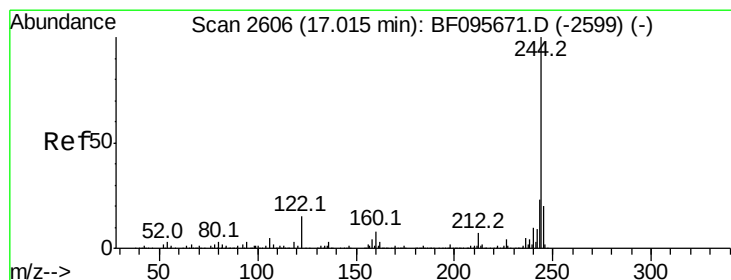
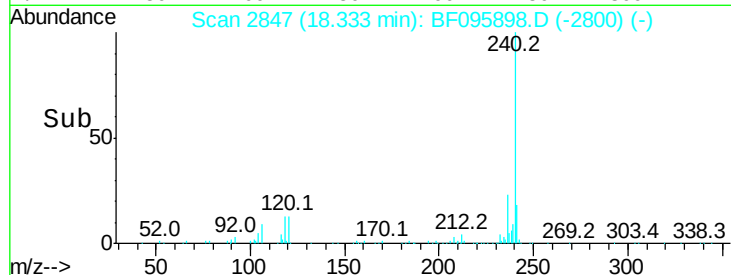
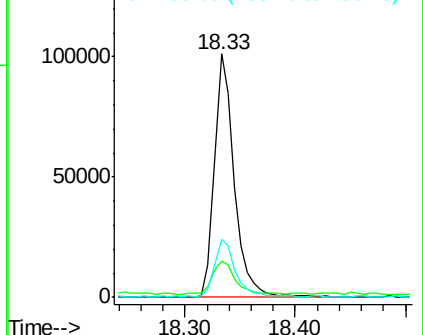
236 23.6 20.5 30.7



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: 40.22 ng

RT: 17.00 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BF095898.D

Acq: 13 Jun 2017 17:28

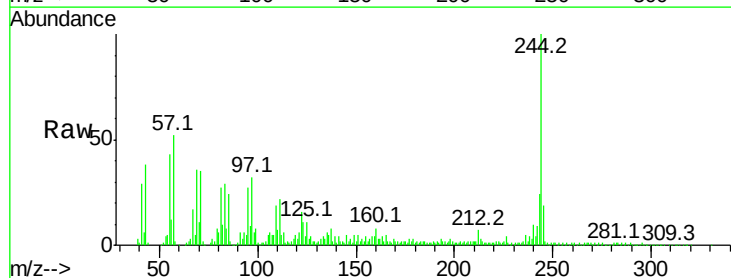
Tgt Ion:244 Resp: 204132

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

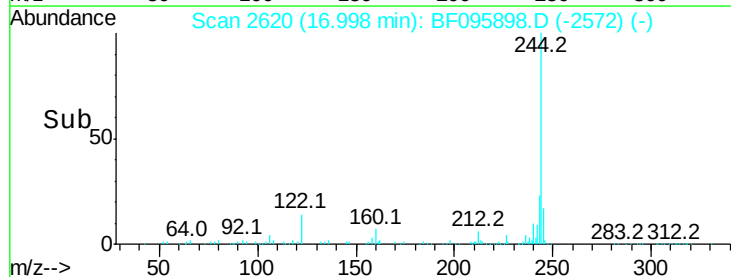
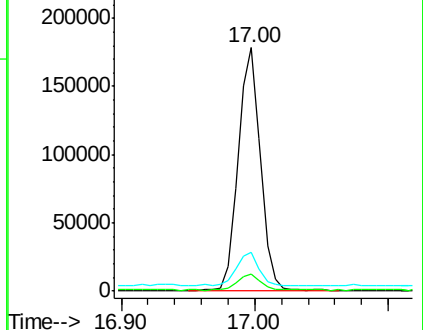
122 16.1 10.3 15.5#

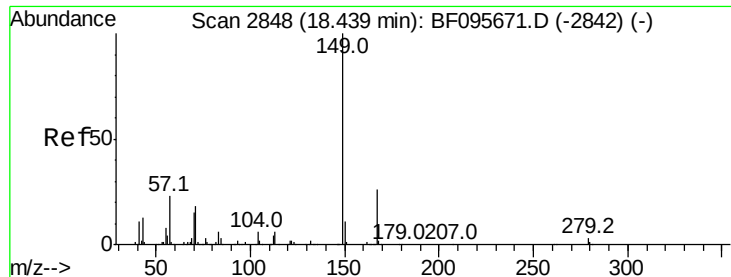


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

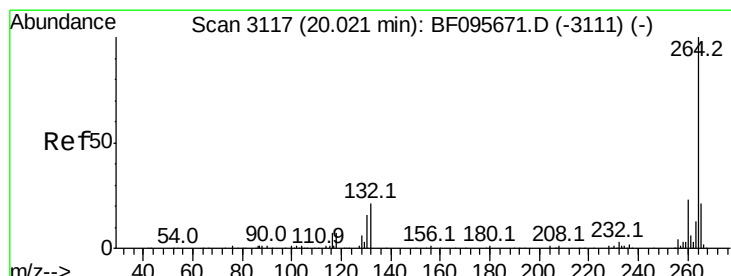
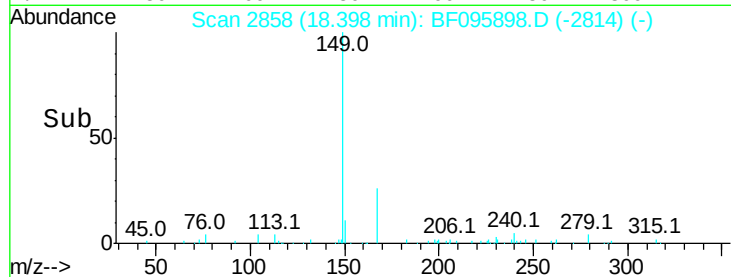
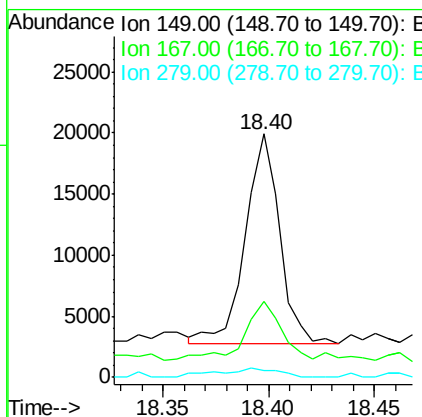
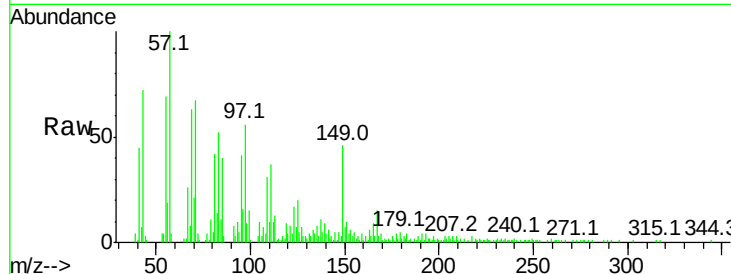




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.34 ng
 RT: 18.40 min Scan# 2858
 Delta R.T. -0.04 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :
 NF-DRUMS-STONE-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.0	31.4
279	2.9	1.9	2.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BF095898.D
 Acq: 13 Jun 2017 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.2	17.2	25.8

