

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095878.D
 Acq On : 12 Jun 2017 18:29
 Operator : SJ/MA
 Sample : I3583-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Quant Time: Jun 13 05:58:48 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	67195	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	274976	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	133076	20.00	ng	-0.06
63) Phenanthrene-d10	14.59	188	253649	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	208149	20.00	ng	-0.04
86) Perylene-d12	19.99	264	134997	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	620506	147.15	ng	-0.02
7) Phenol-d6	6.92	99	691555	136.99	ng	-0.04
23) Nitrobenzene-d5	8.27	82	485588	109.67	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	188431	160.04	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	957663	100.14	ng	-0.05
78) Terphenyl-d14	16.98	244	876423	104.49	ng	-0.04

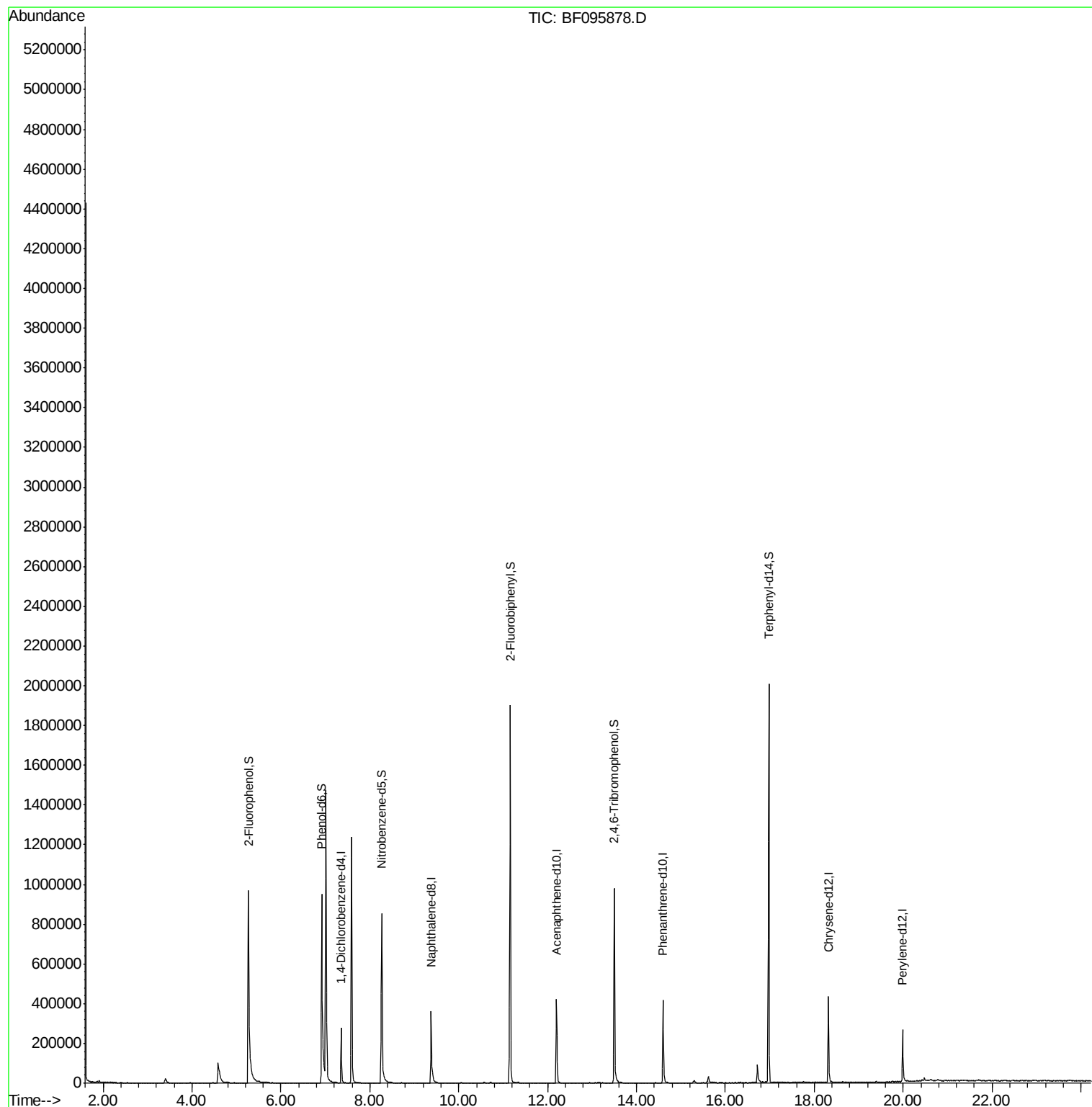
Target Compounds	Qvalue
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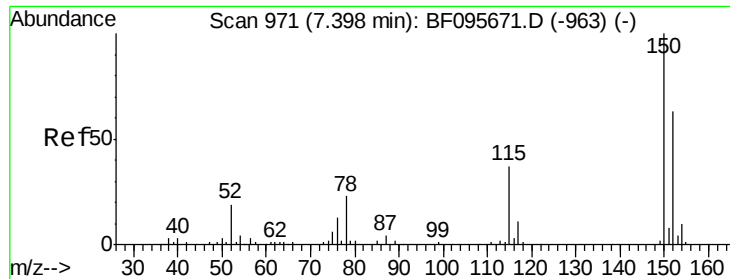
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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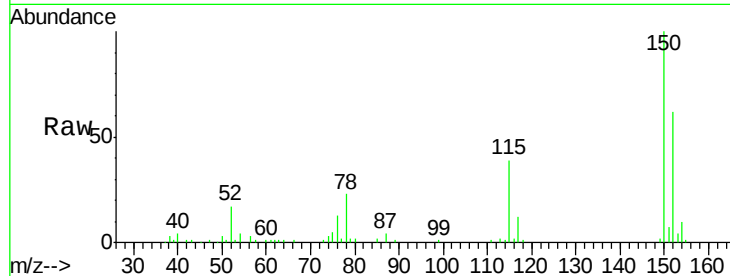




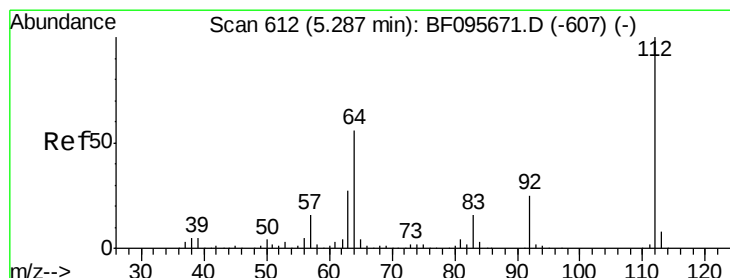
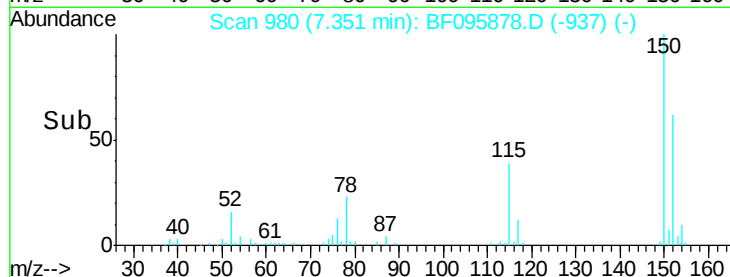
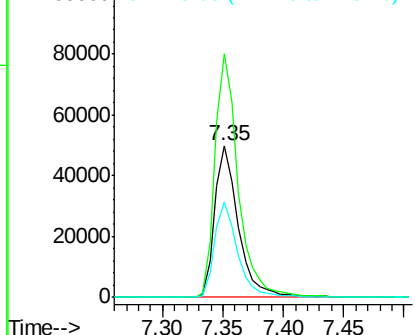
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.35 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

Tgt Ion:152 Resp: 67195
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.2
 115 62.8 52.2 78.2

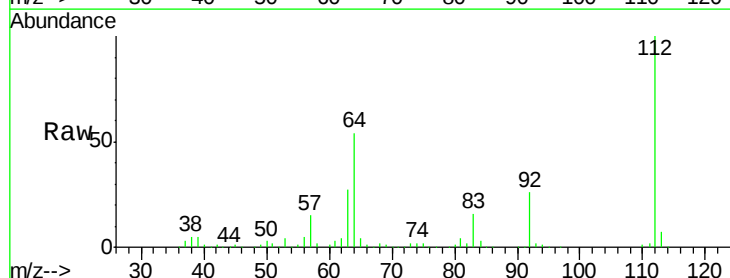


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

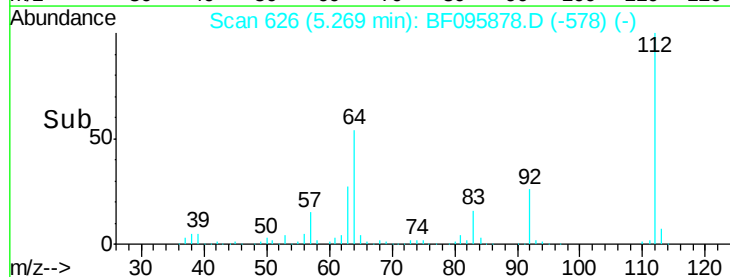
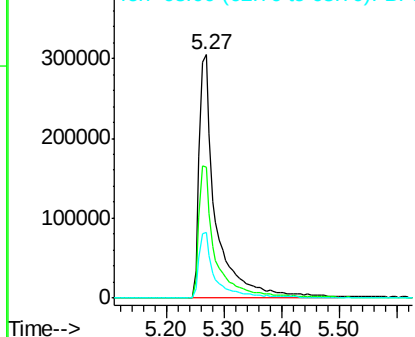


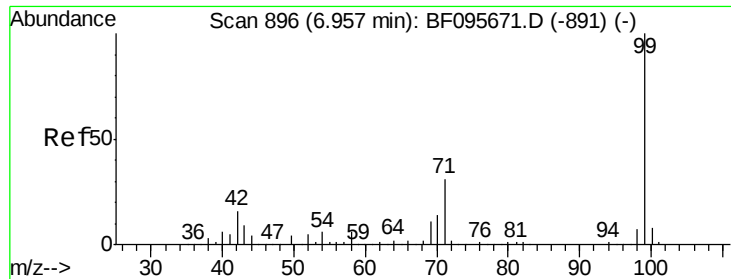
#5
 2-Fluorophenol
 Concen: 147.146 ng
 RT: 5.27 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Tgt Ion:112 Resp: 620506
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.0 69.0
 63 26.9 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: 136.985 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Instrument :

BNA_F

ClientSampleId :

RO-2342

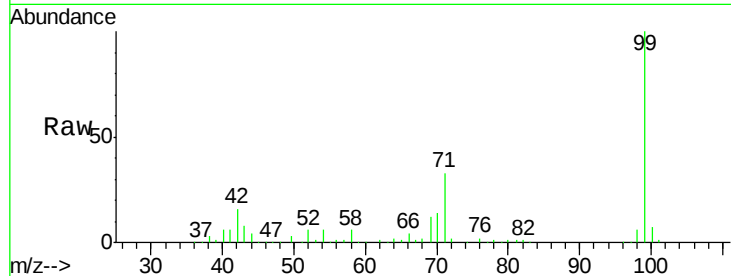
Tgt Ion: 99 Resp: 691555

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

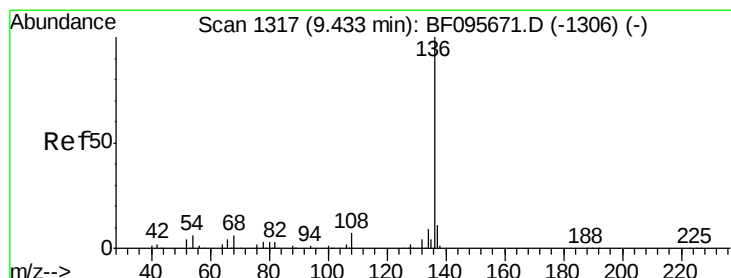
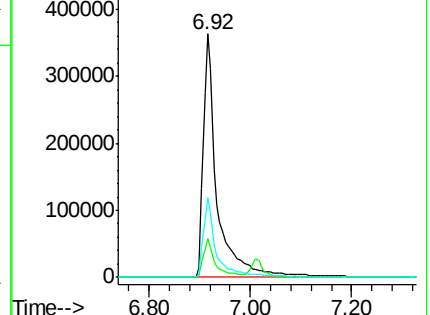
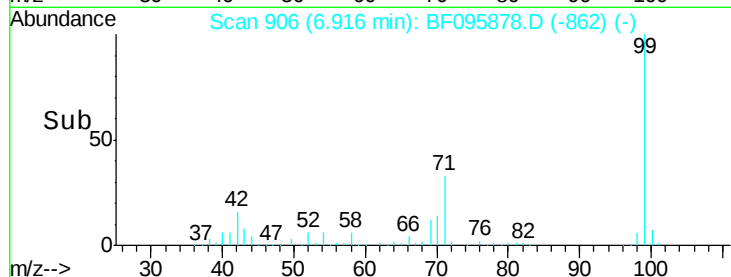
71 32.8 24.5 36.7



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: 20.000 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Tgt Ion: 136 Resp: 274976

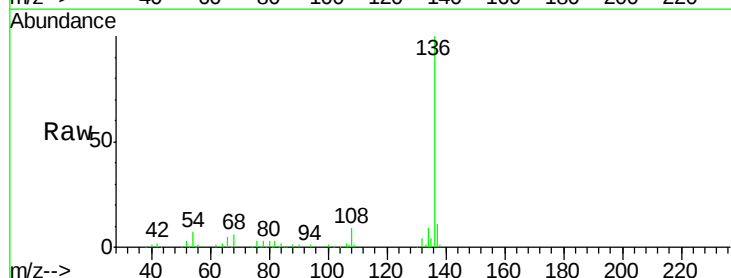
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

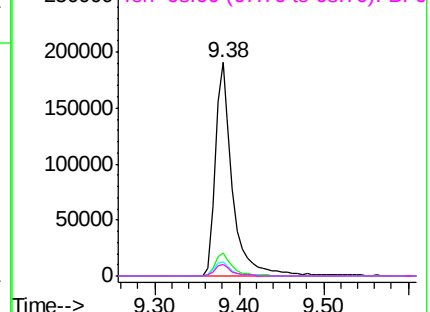
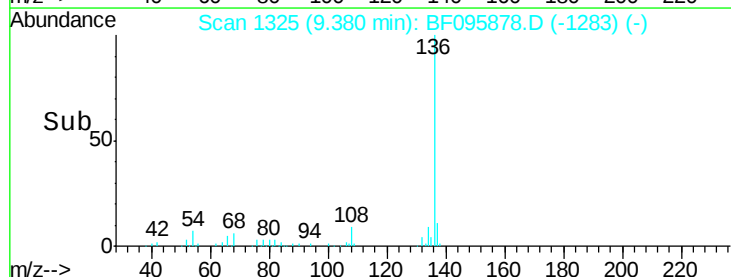


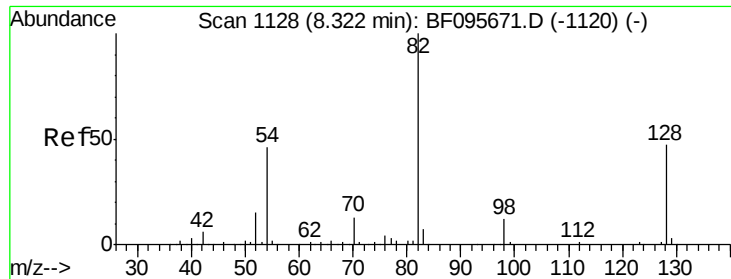
Abundance Ion 136.00 (135.70 to 136.70): E

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

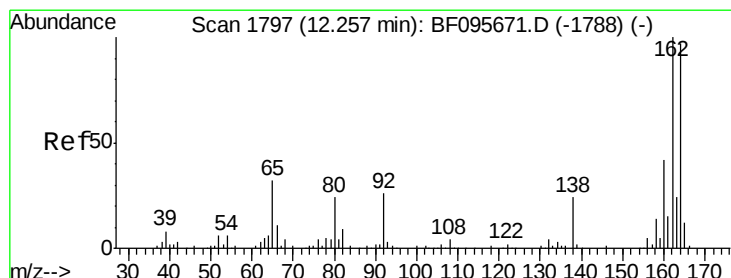
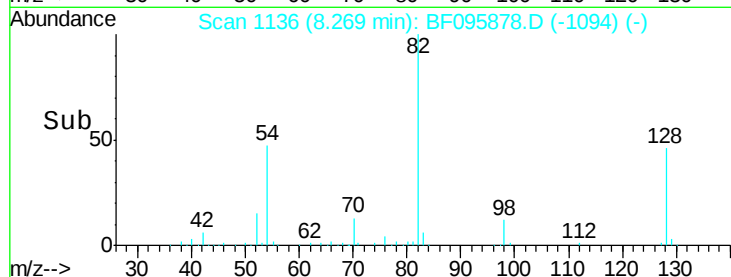
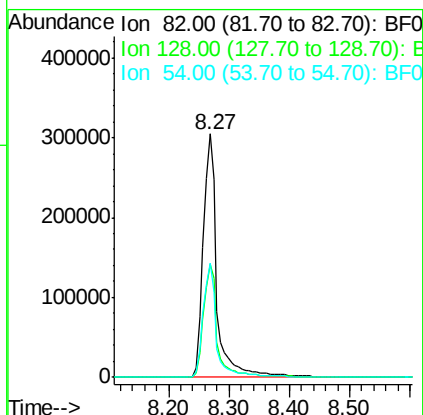
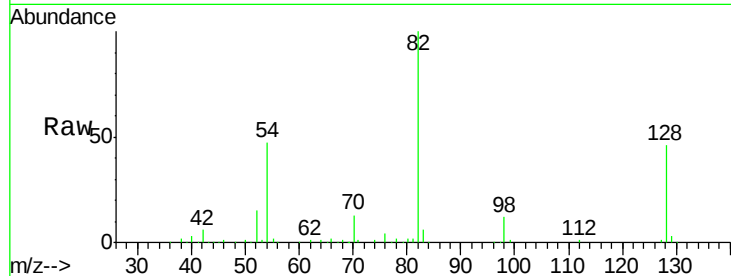




#23
Nitrobenzene-d5
Concen: 109.672 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

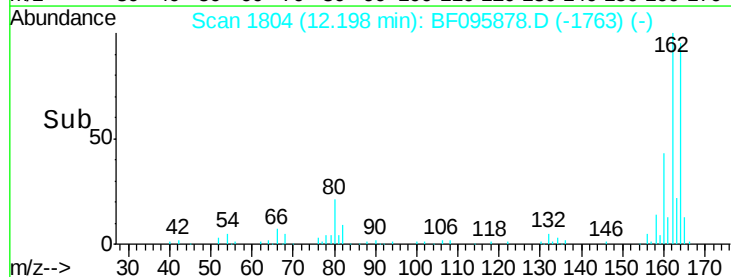
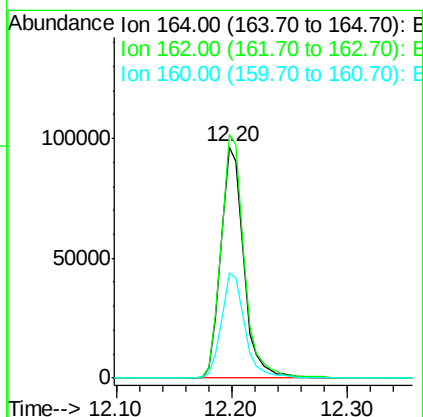
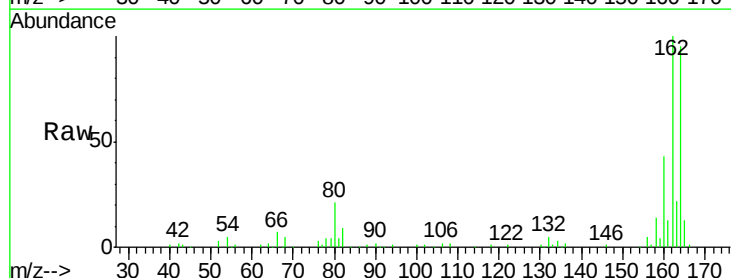
Instrument :
BNA_F
ClientSampleId :
RO-2342

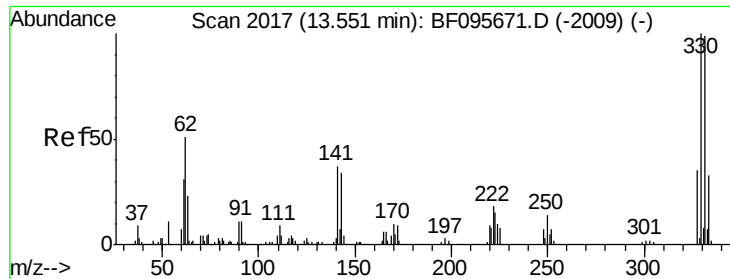
Tgt Ion: 82 Resp: 485588
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 46.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095878.D
Acq: 12 Jun 2017 18:29

Tgt Ion: 164 Resp: 133076
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 45.4 36.2 54.2

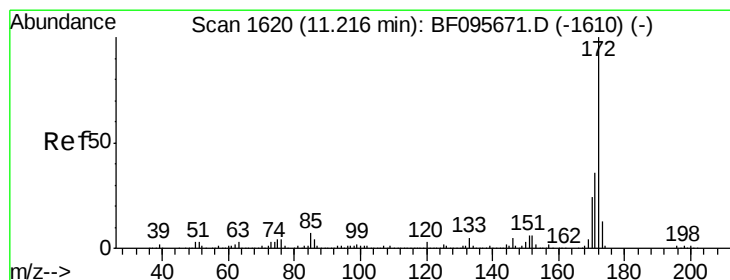
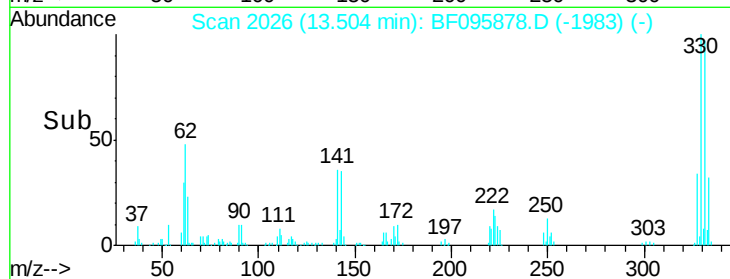
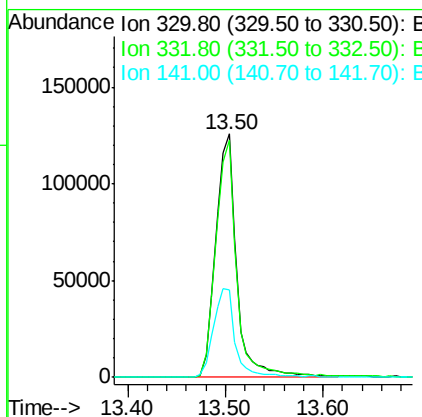
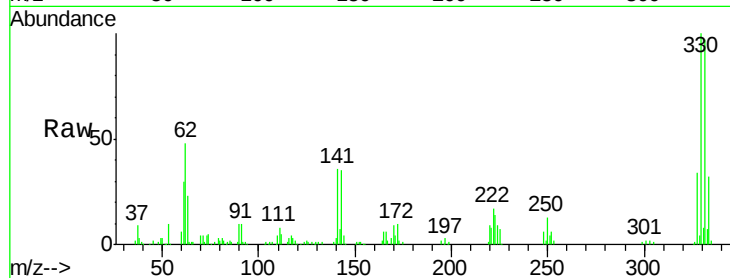




#41
 2,4,6-Tribromophenol
 Concen: 160.038 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

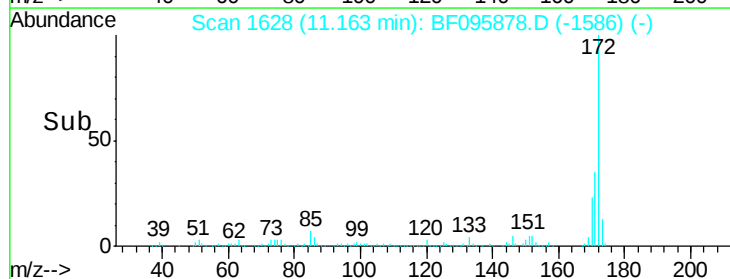
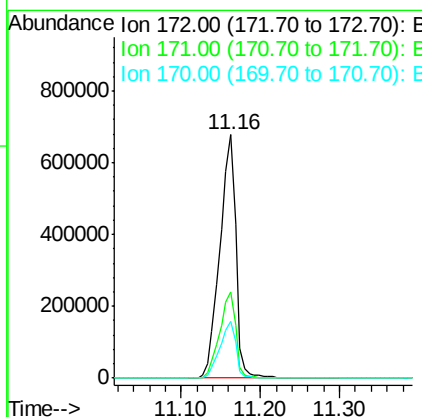
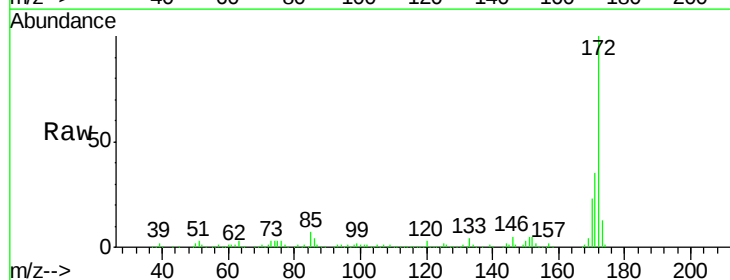
Instrument :
 BNA_F
 ClientSampleId :
 RO-2342

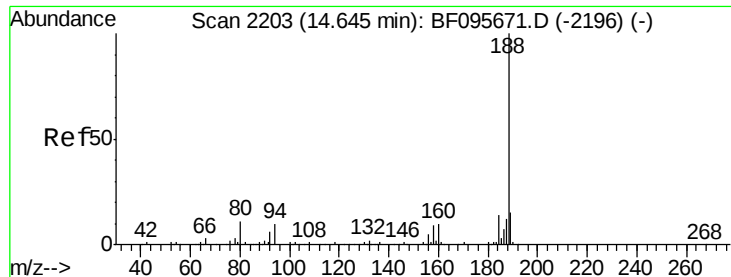
Tgt Ion:330 Resp: 188431
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 38.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 100.143 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095878.D
 Acq: 12 Jun 2017 18:29

Tgt Ion:172 Resp: 957663
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 23.2 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 2211

Delta R.T. -0.05 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Instrument :

BNA_F

ClientSampleId :

RO-2342

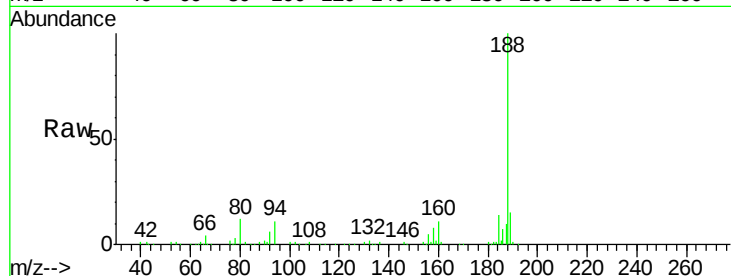
Tgt Ion:188 Resp: 253649

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

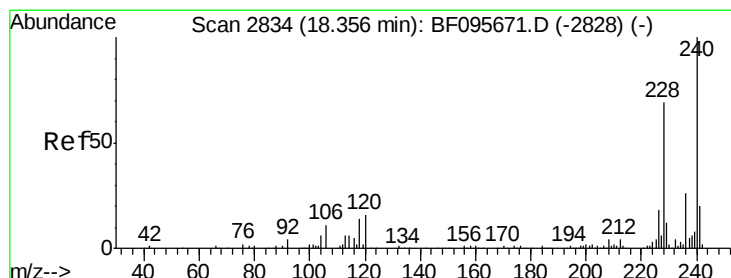
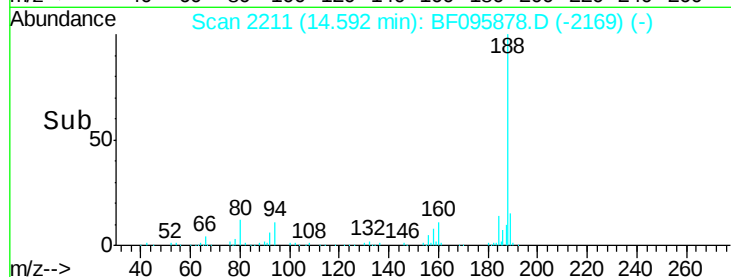
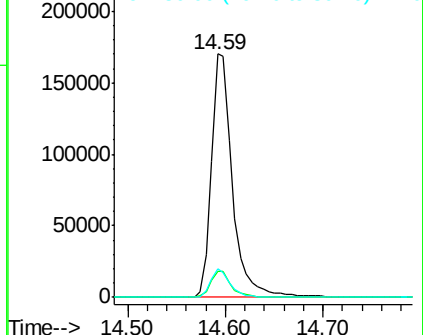
80 11.5 10.2 15.2



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: 20.000 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

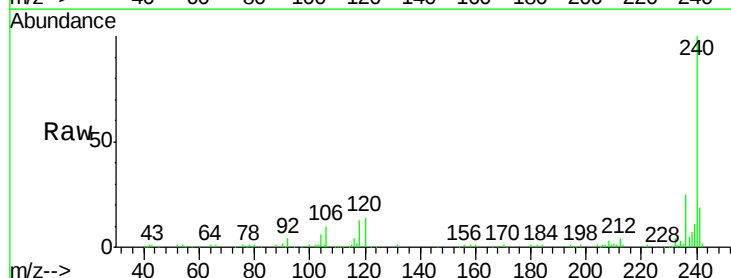
Tgt Ion:240 Resp: 208149

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

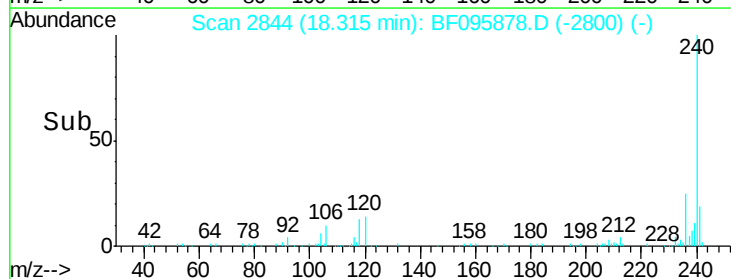
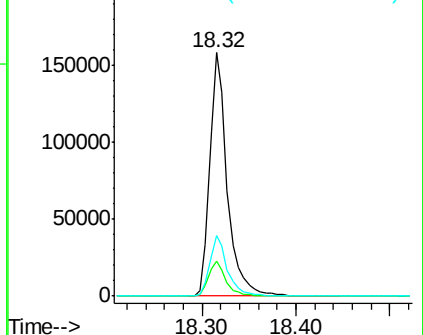
236 24.7 20.5 30.7

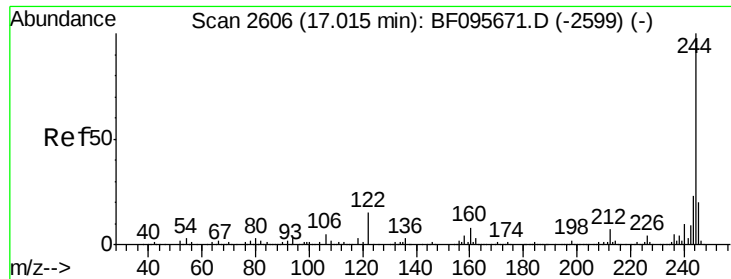


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.495 ng

RT: 16.98 min Scan# 2617

Delta R.T. -0.04 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

Instrument :

BNA_F

ClientSampleId :

RO-2342

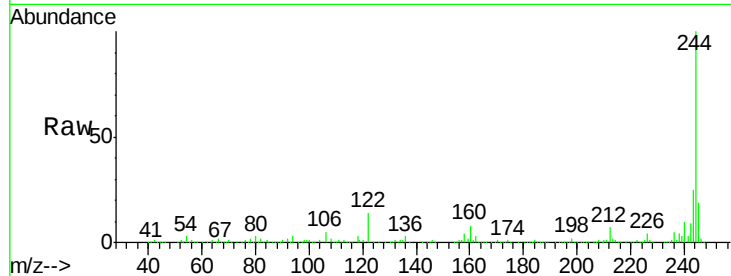
Tgt Ion:244 Resp: 876423

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

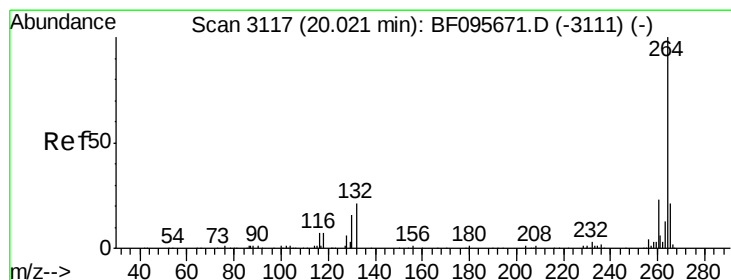
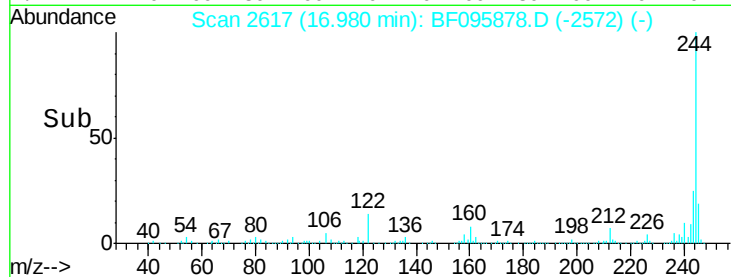
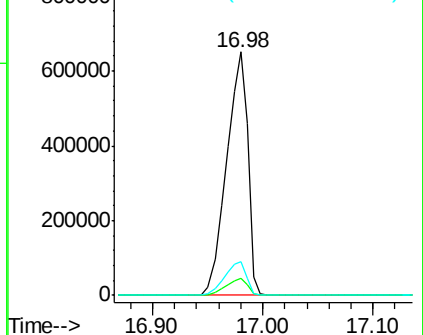
122 13.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 19.99 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BF095878.D

Acq: 12 Jun 2017 18:29

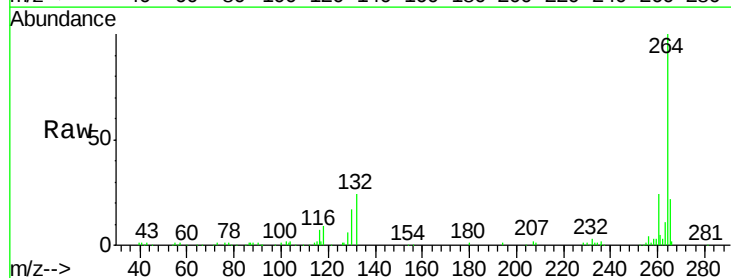
Tgt Ion:264 Resp: 134997

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.0 17.2 25.8



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

