

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099469.D
 Acq On : 14 Oct 2017 5:33
 Operator : SJ/JU
 Sample : I5813-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Quant Time: Oct 14 06:41:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105539	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	412209	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	160860	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	234978	20.00	ng	0.00
75) Chrysene-d12	14.02	240	189603	20.00	ng	0.00
86) Perylene-d12	15.49	264	201071	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	774531	116.83	ng	0.03
7) Phenol-d6	6.50	99	822741	100.60	ng	0.01
23) Nitrobenzene-d5	7.42	82	586398	91.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	149710	113.74	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1021330	105.99	ng	0.00
78) Terphenyl-d14	12.96	244	662915	79.51	ng	0.00

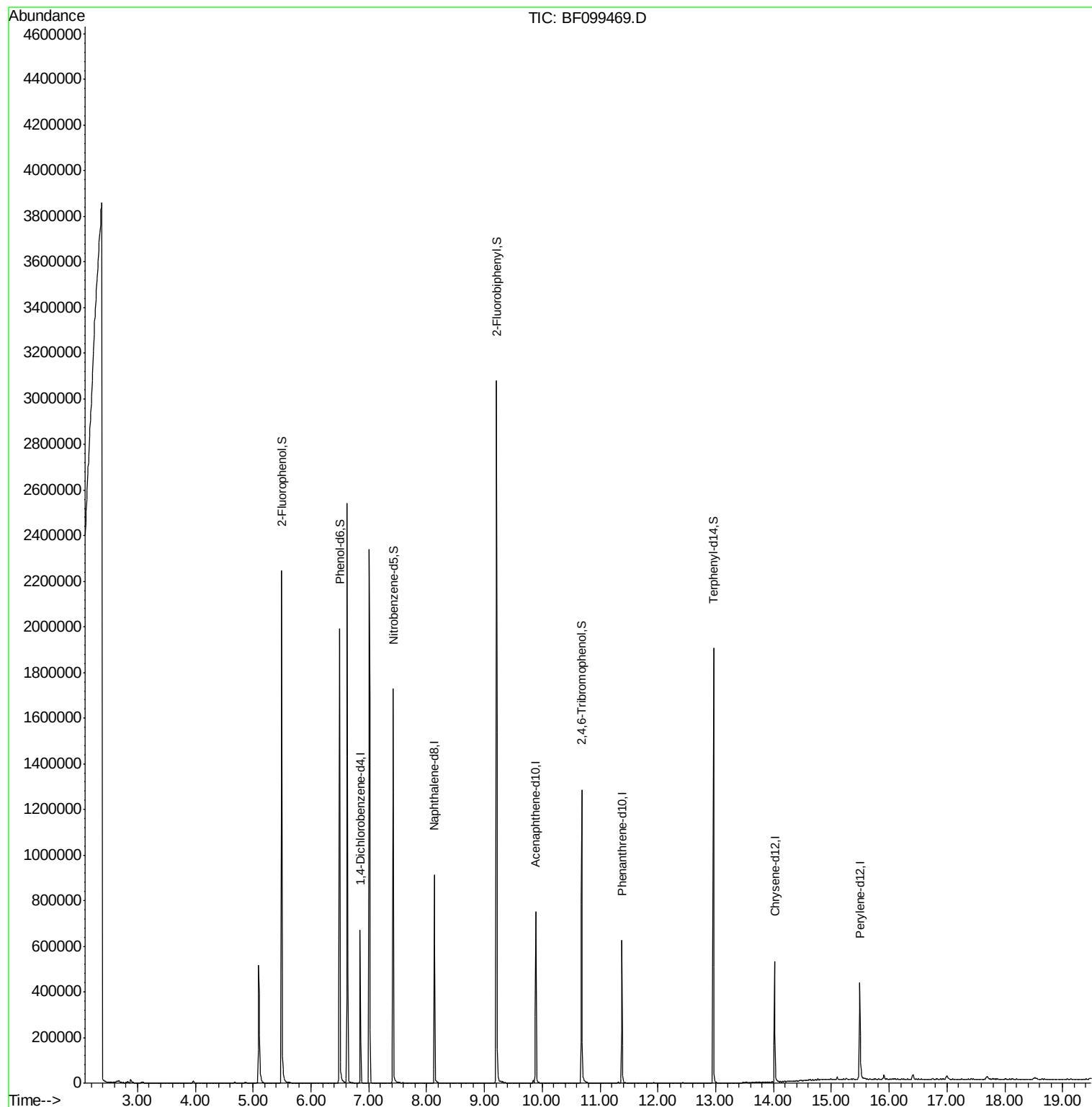
Target Compounds	Qvalue
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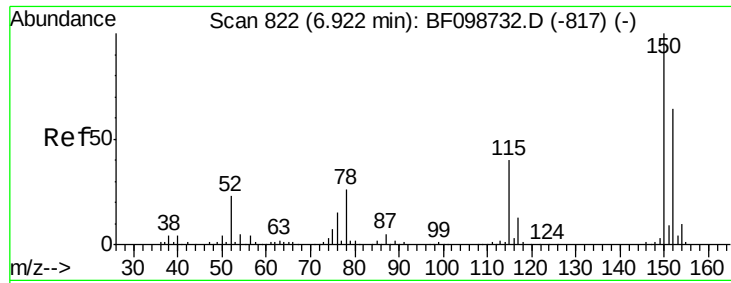
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Instrument :

BNA_F

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OK-03-101117

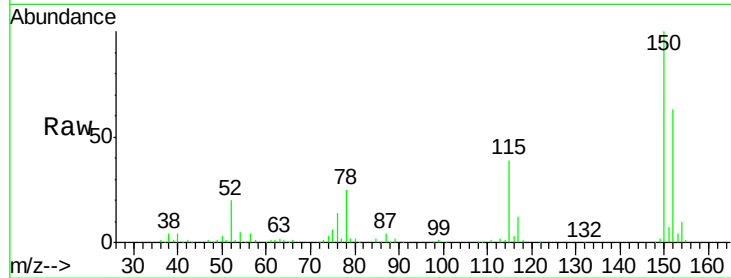
Tgt Ion:152 Resp: 105539

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

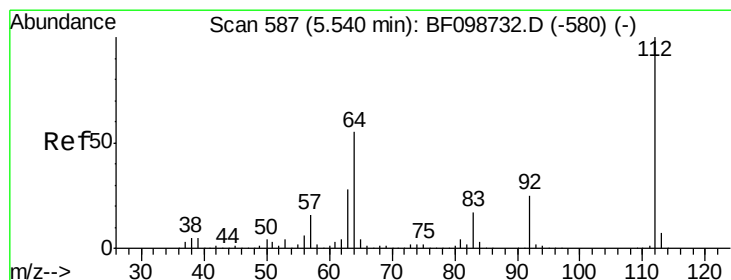
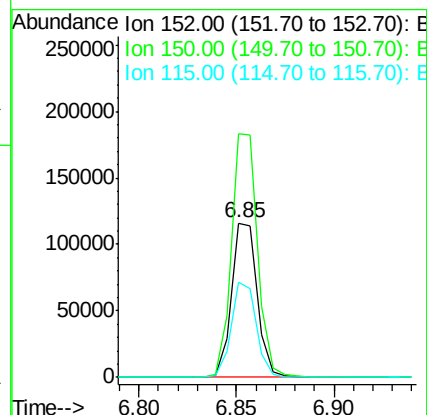
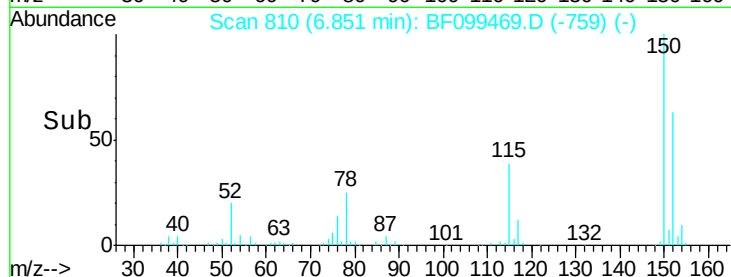
115 62.0 50.1 75.1



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: 116.83 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.03 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

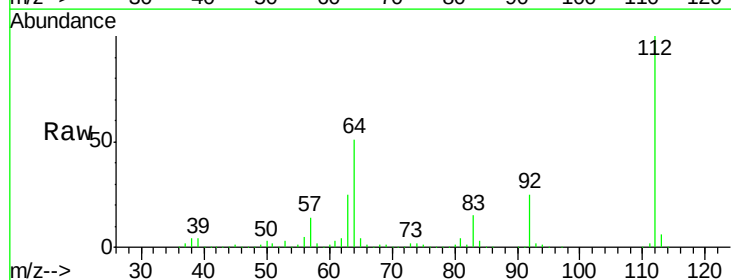
Tgt Ion:112 Resp: 774531

Ion Ratio Lower Upper

112 100

64 51.5 47.9 71.9

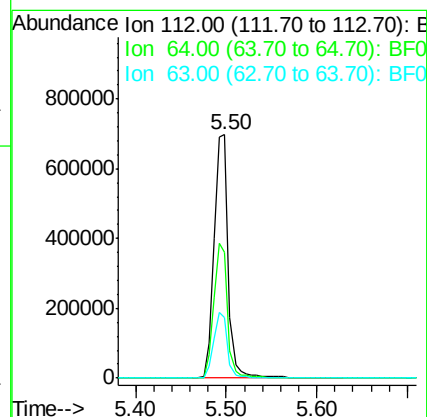
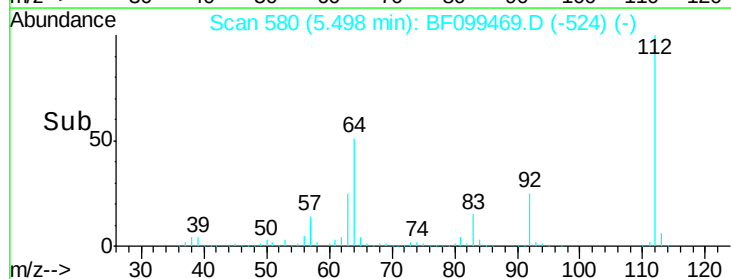
63 25.1 23.7 35.5

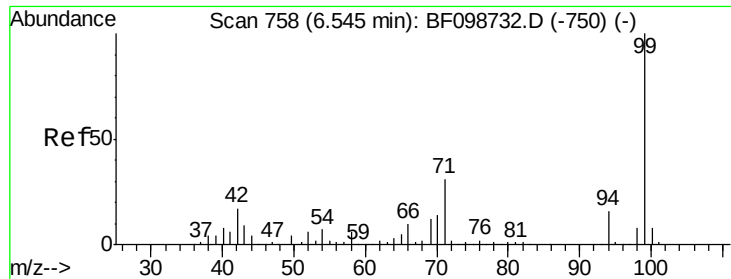


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.60 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Instrument :

BNA_F

ClientSampleId :

OK-03-101117

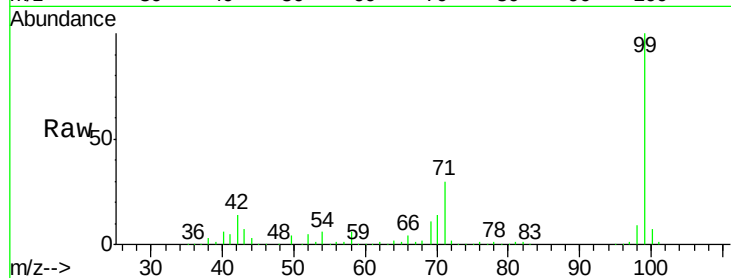
Tgt Ion: 99 Resp: 822741

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

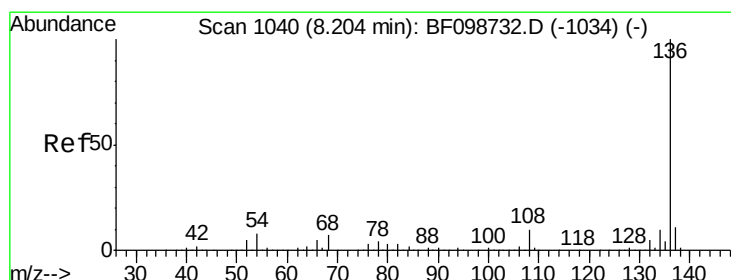
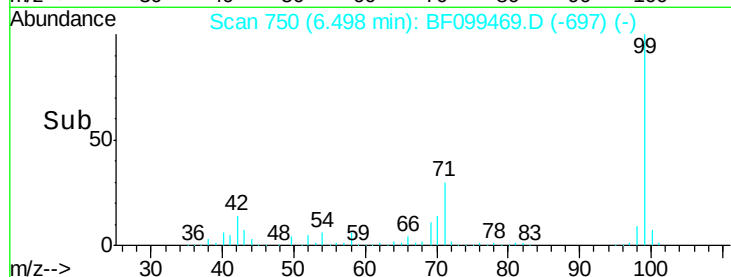
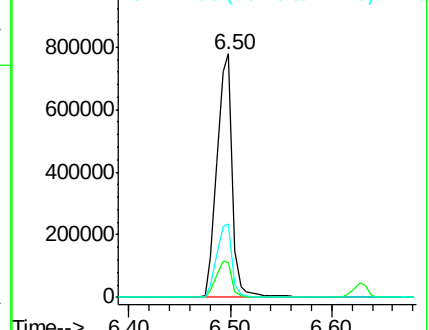
71 30.0 25.4 38.0



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Tgt Ion: 136 Resp: 412209

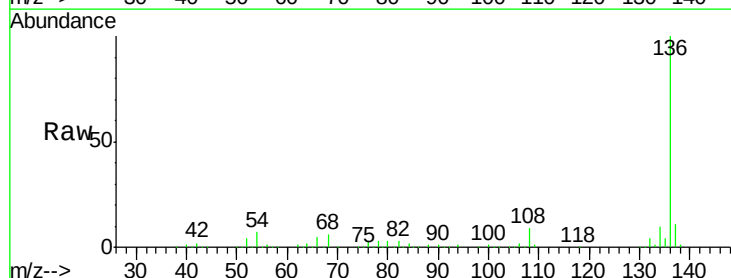
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.6 9.8

68 5.7 5.0 7.4

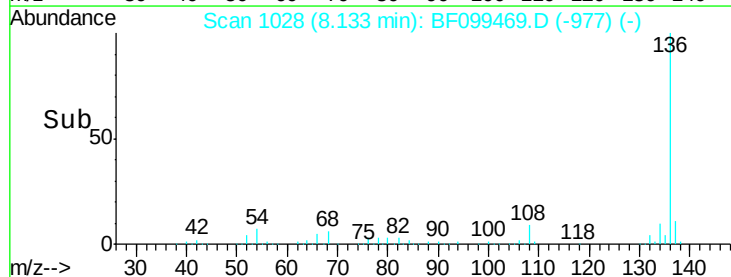
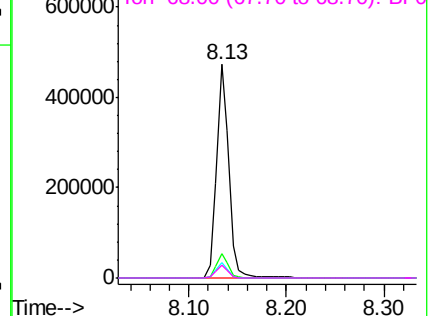


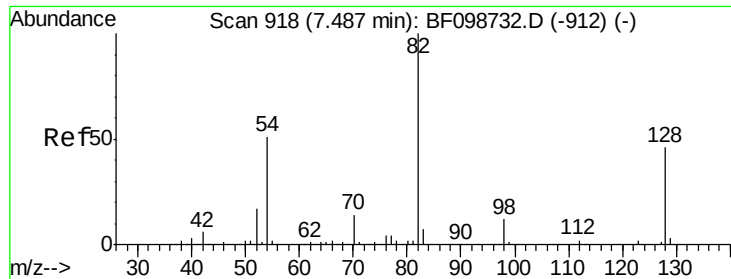
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.23 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

Instrument :

BNA_F

ClientSampleId :

OK-03-101117

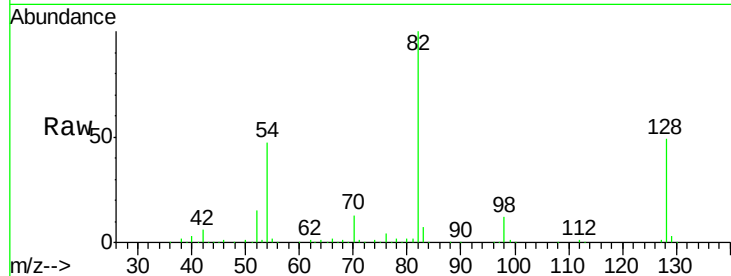
Tgt Ion: 82 Resp: 586398

Ion Ratio Lower Upper

82 100

128 48.8 36.1 54.1

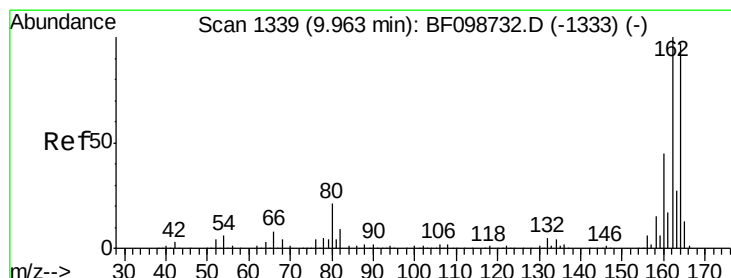
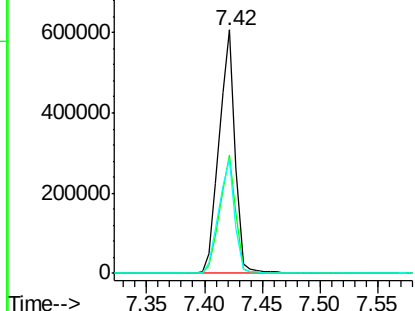
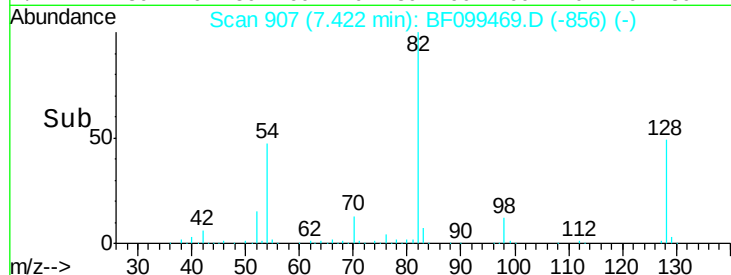
54 46.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099469.D

Acq: 14 Oct 2017 5:33

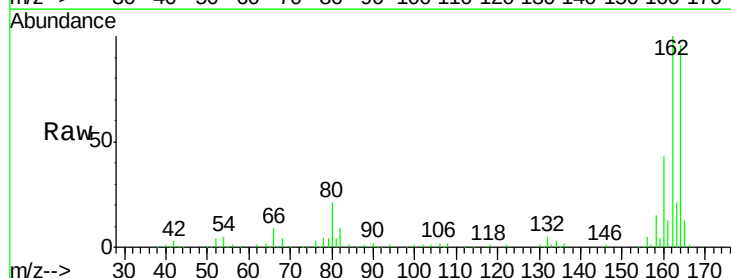
Tgt Ion: 164 Resp: 160860

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

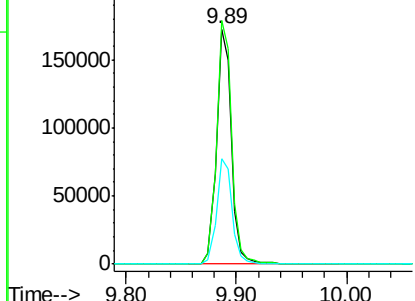
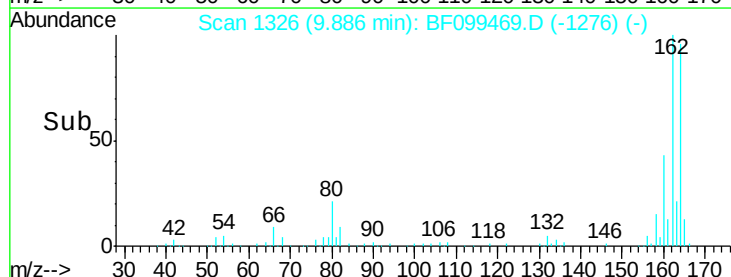
160 44.8 38.3 57.5

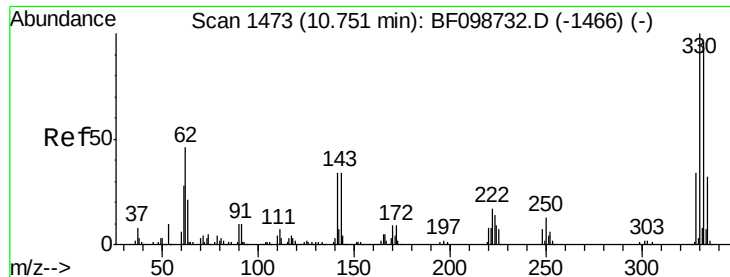


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

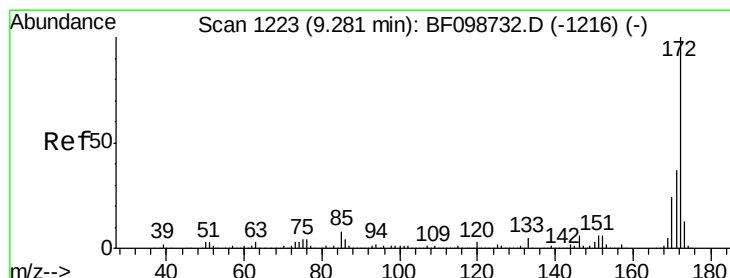
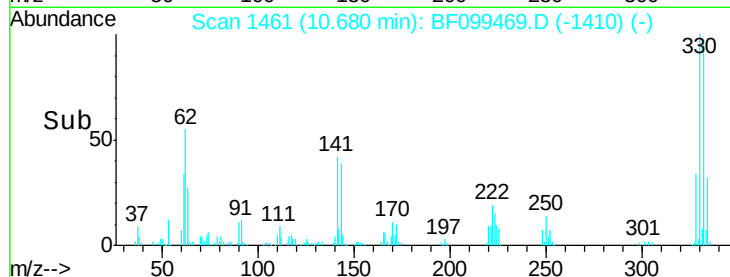
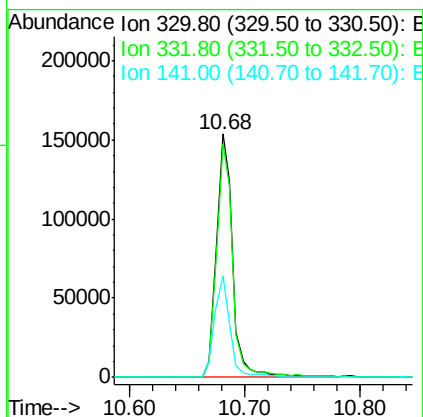
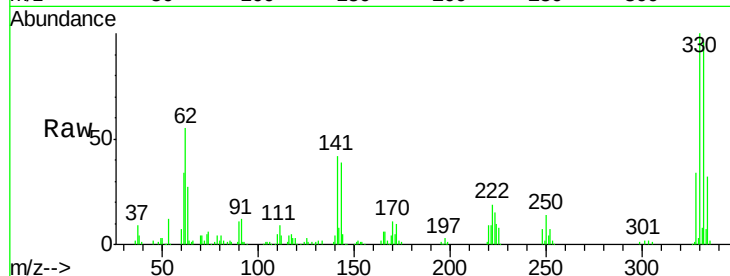




#41
 2,4,6-Tribromophenol
 Concen: 113.74 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

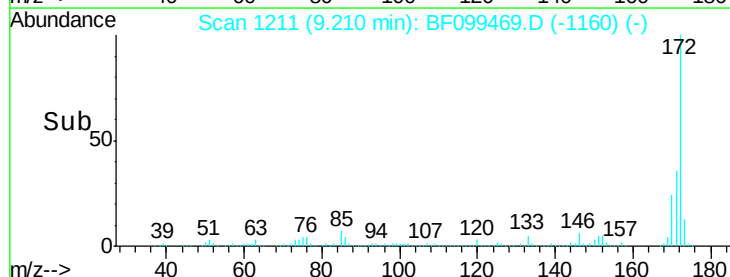
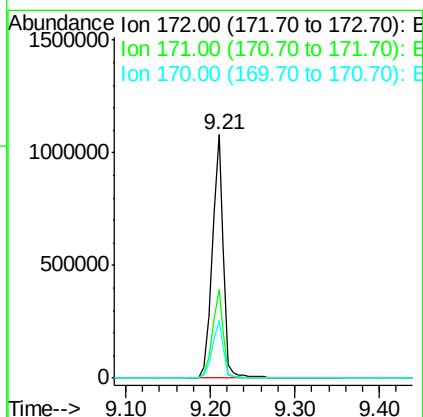
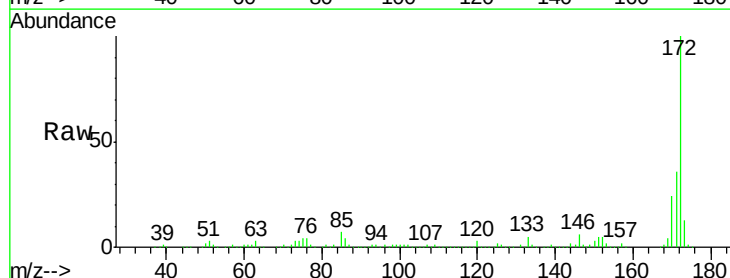
Instrument :
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 OK-03-101117

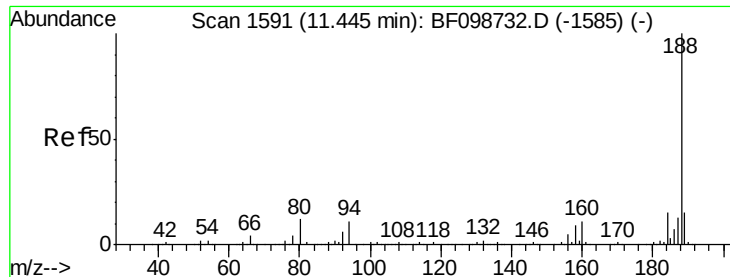
Tgt Ion:330 Resp: 149710
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 40.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 105.99 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Tgt Ion:172 Resp: 1021330
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.8 19.6 29.4

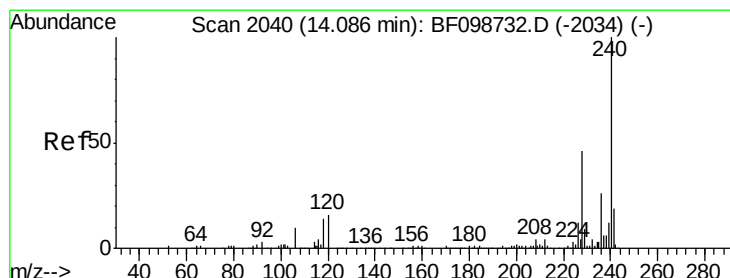
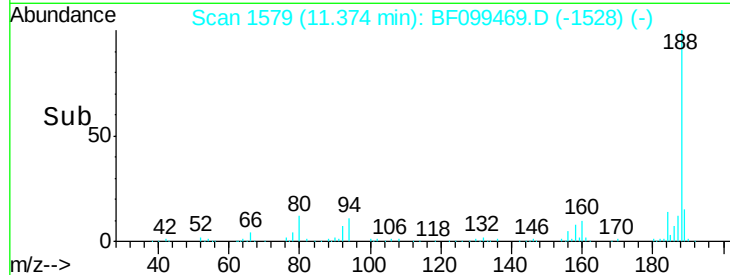
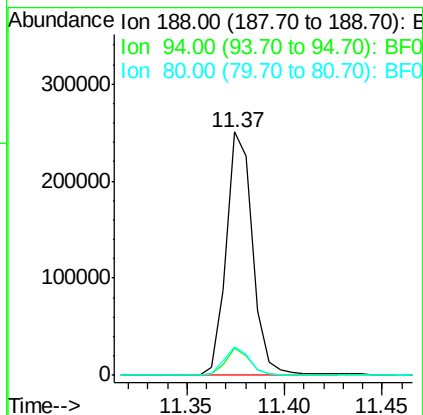
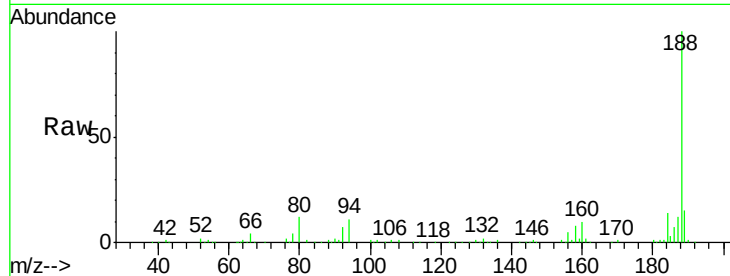




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

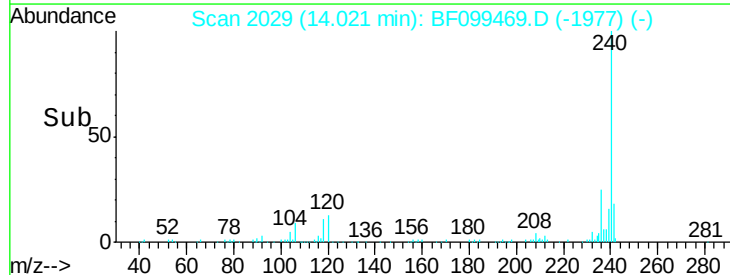
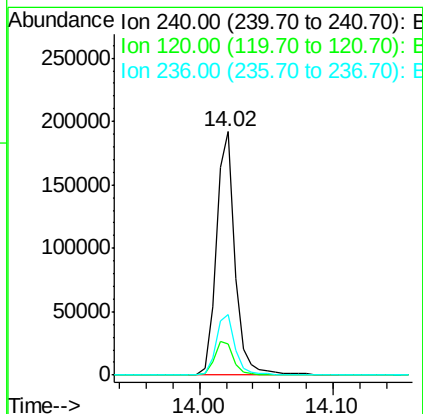
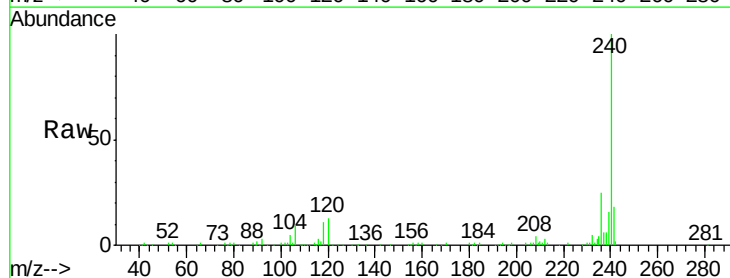
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OK-03-101117

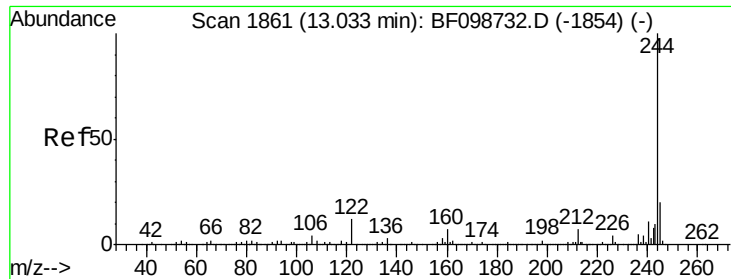
Tgt Ion:188 Resp: 234978
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099469.D
Acq: 14 Oct 2017 5:33

Tgt Ion:240 Resp: 189603
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.1 20.7 31.1

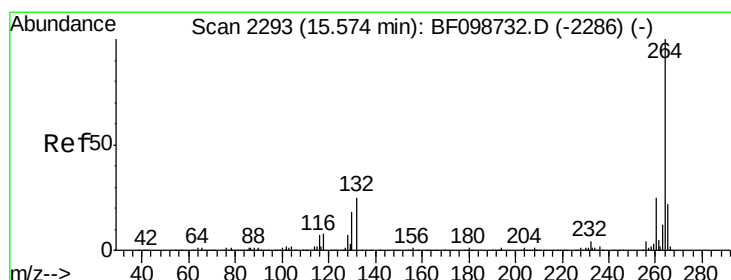
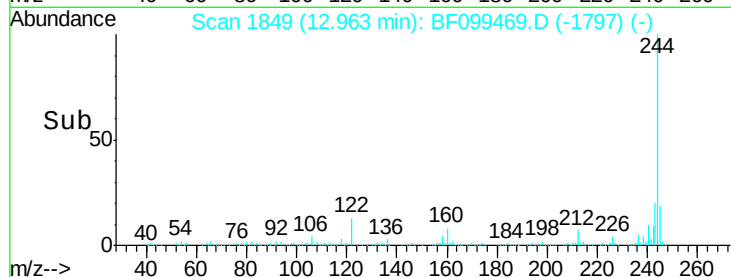
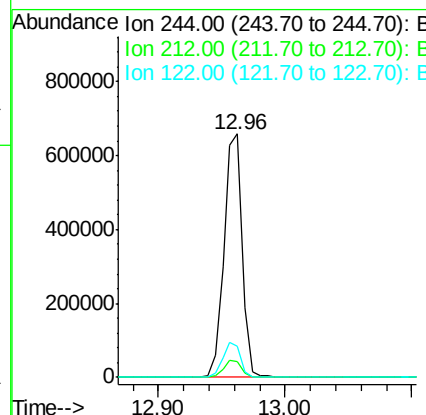
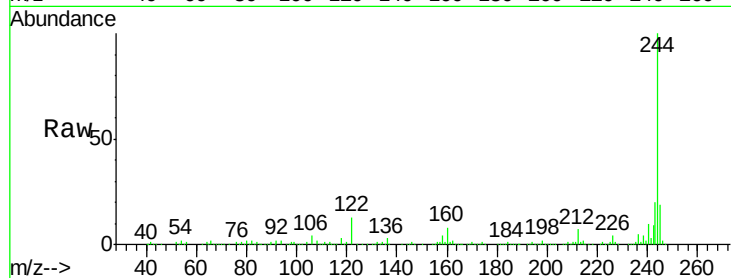




#78
 Terphenyl-d14
 Concen: 79.51 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tgt Ion:244 Resp: 662915
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099469.D
 Acq: 14 Oct 2017 5:33

Tgt Ion:264 Resp: 201071
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.5 17.5 26.3

