

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041219\
 Data File : BF113760.D
 Acq On : 13 Apr 2019 1:48
 Operator : JU/SJ
 Sample : K2359-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Quant Time: Apr 13 04:35:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

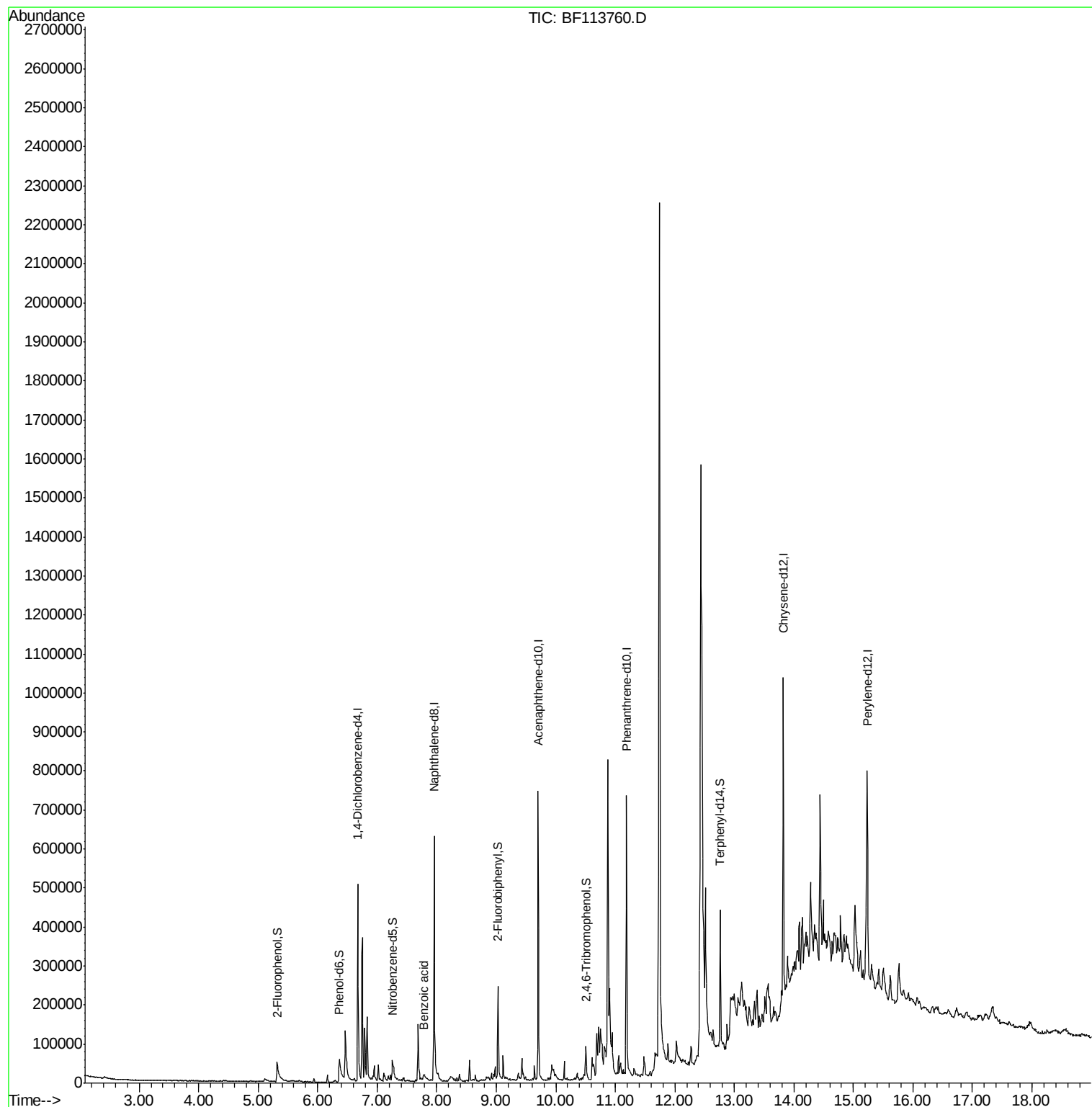
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	95505	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	358355	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	149428	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	290319	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	299016	20.00	ng	-0.02
87) Perylene-d12	15.23	264	239033	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	49399	8.82	ng	0.02
7) Phenol-d6	6.36	99	61032	8.84	ng	0.02
23) Nitrobenzene-d5	7.25	82	42618	6.97	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	17043	9.49	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	91901	9.90	ng	-0.02
79) Terphenyl-d14	12.76	244	108237	7.37	ng	-0.03
Target Compounds						
32) Benzoic acid	7.79	122	16282	4.338	ng	Qvalue 94

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

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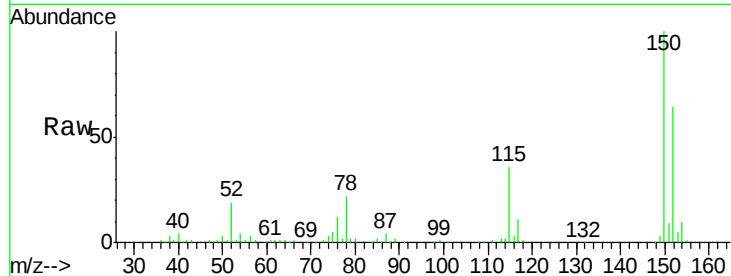


#1

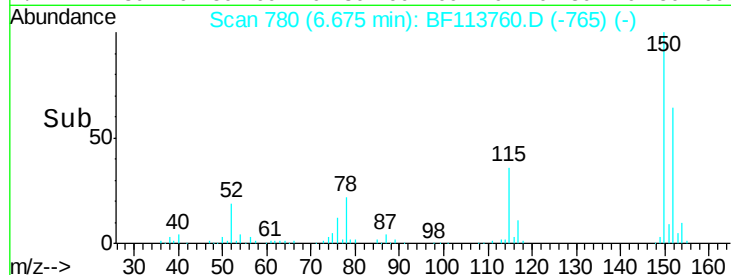
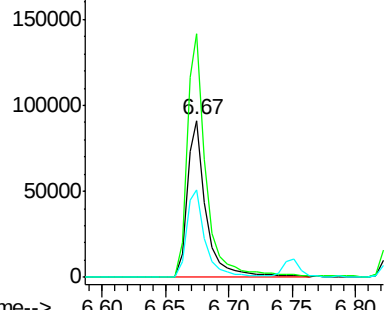
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

Instrument :
BNA_F
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OIL-WATER-SEPERATOR-2

Tgt Ion:152 Resp: 95505
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 56.0 46.0 69.0



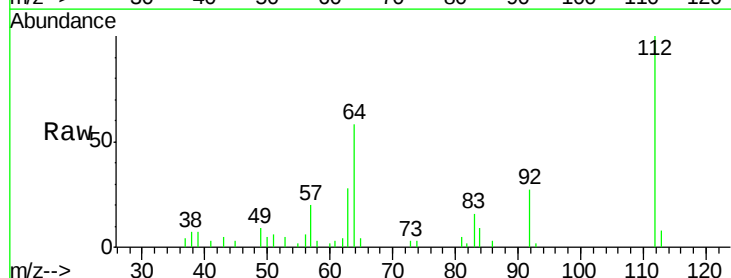
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



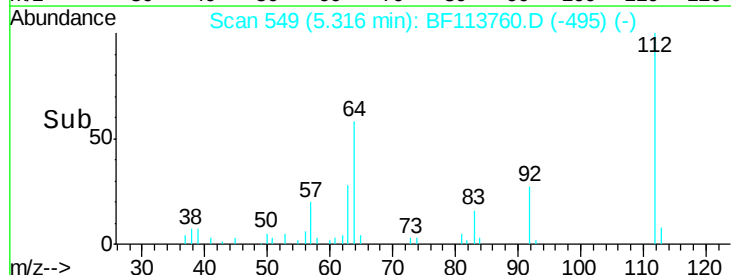
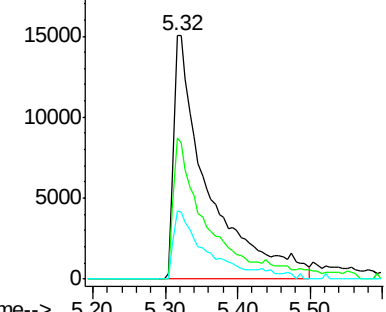
#5

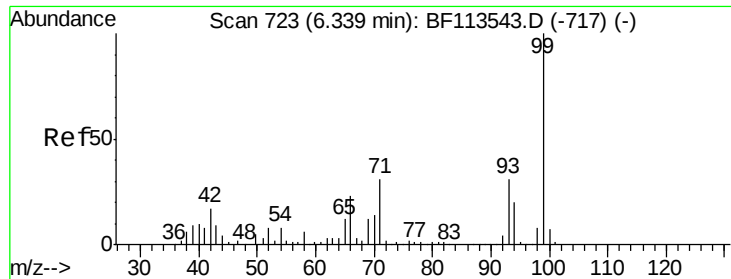
2-Fluorophenol
Concen: 8.820 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

Tgt Ion:112 Resp: 49399
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 27.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.841 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF113760.D

Acq: 13 Apr 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

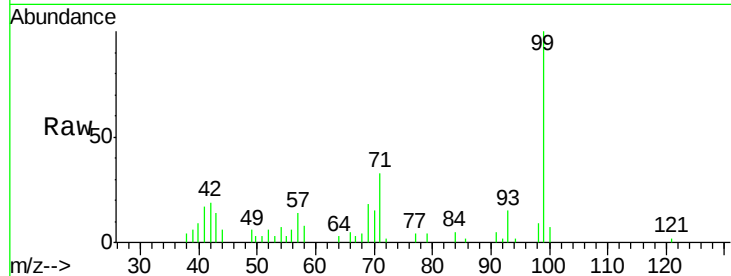
Tgt Ion: 99 Resp: 61032

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

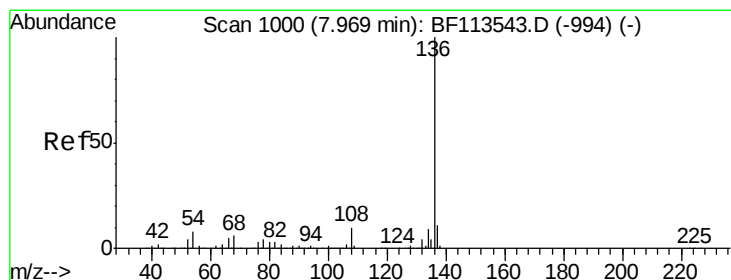
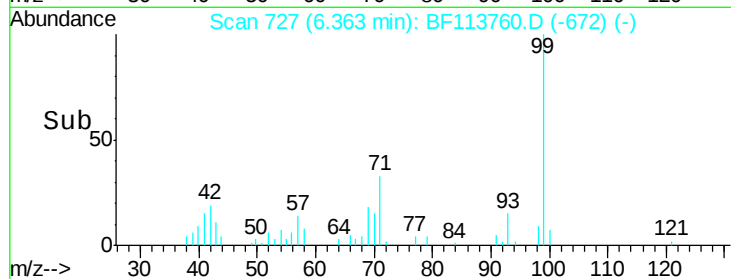
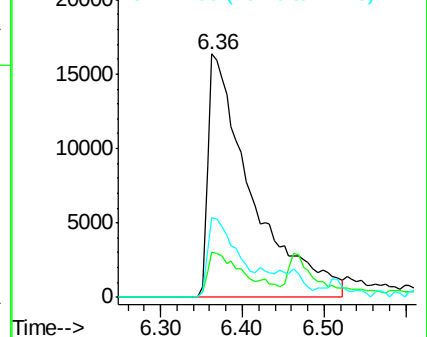
71 32.6 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113760.D

Acq: 13 Apr 2019 1:48

Tgt Ion: 136 Resp: 358355

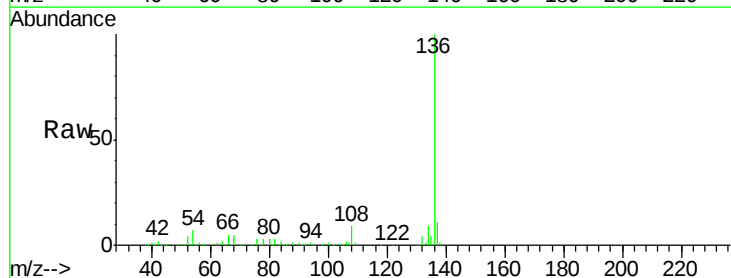
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.5 4.8 7.2

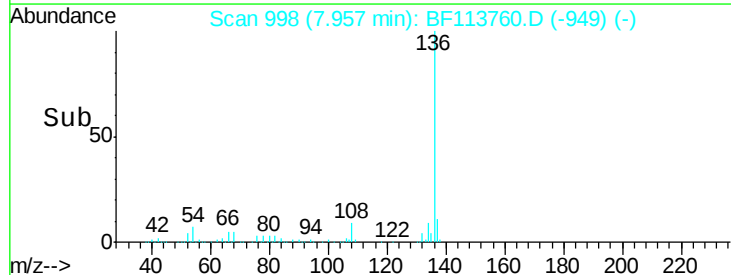
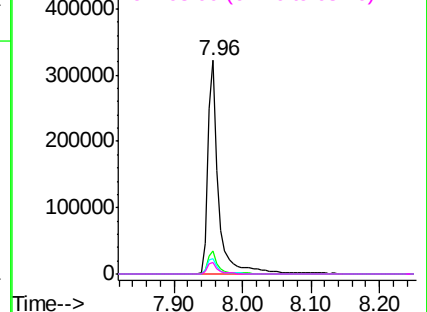


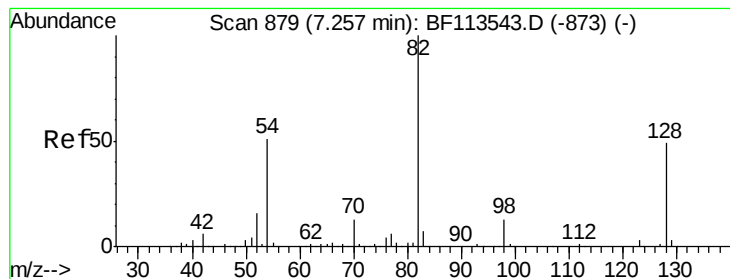
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 6.966 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113760.D

Acq: 13 Apr 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

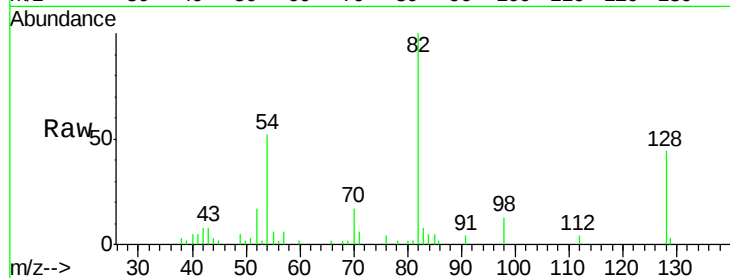
Tgt Ion: 82 Resp: 42618

Ion Ratio Lower Upper

82 100

128 44.0 36.5 54.7

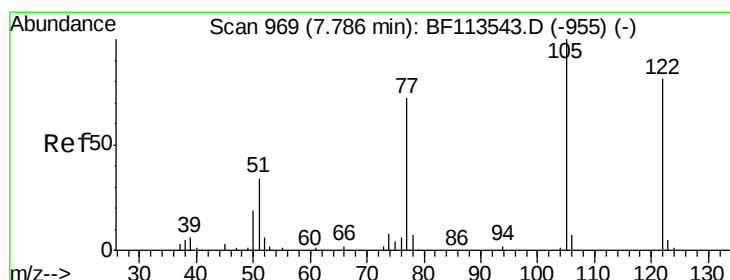
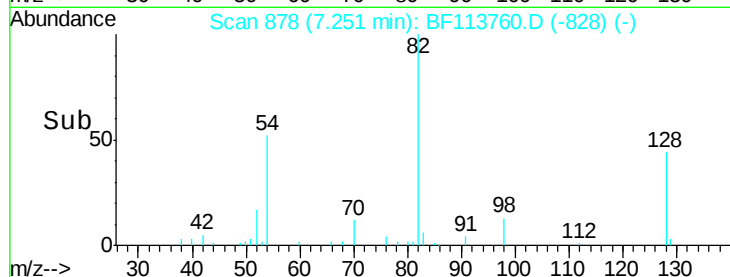
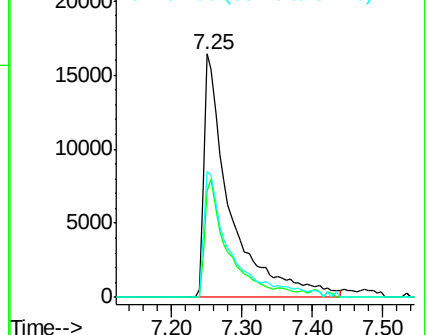
54 51.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#32

Benzoic acid

Concen: 4.338 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF113760.D

Acq: 13 Apr 2019 1:48

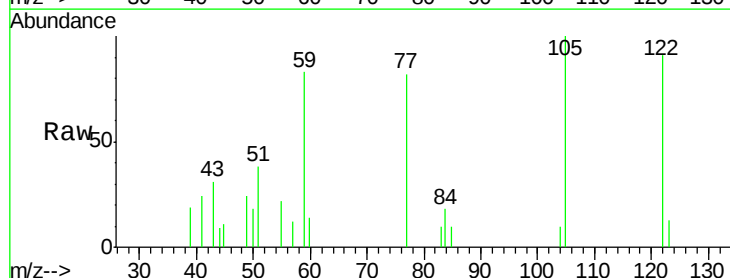
Tgt Ion: 122 Resp: 16282

Ion Ratio Lower Upper

122 100

105 110.1 100.4 140.4

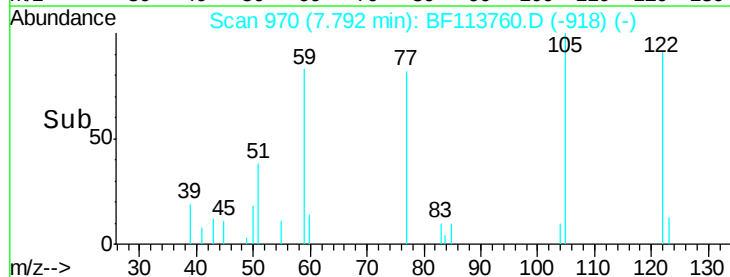
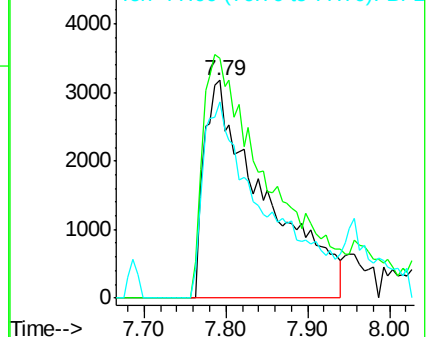
77 90.4 69.0 109.0

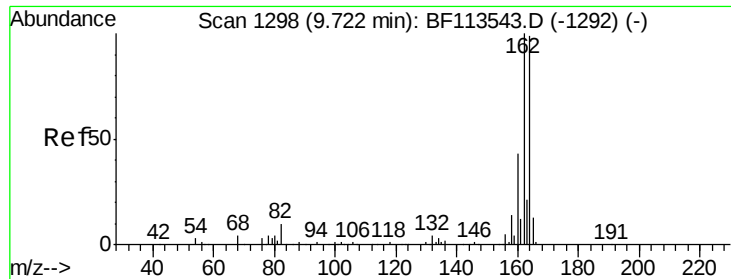


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

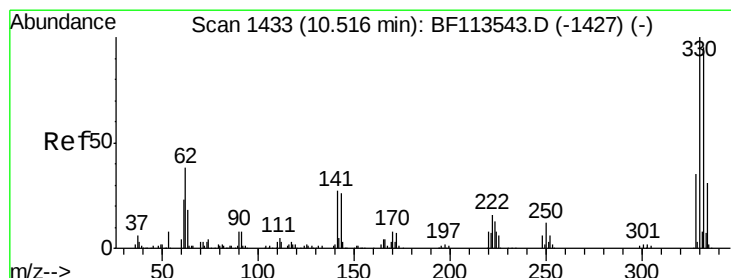
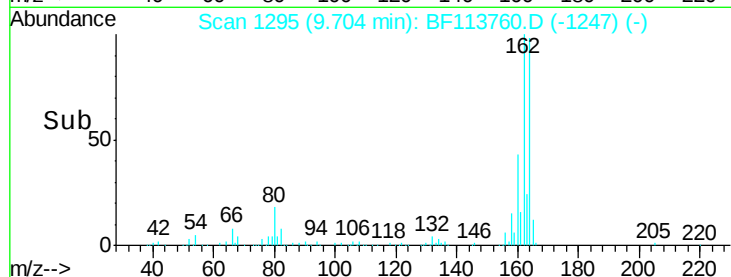
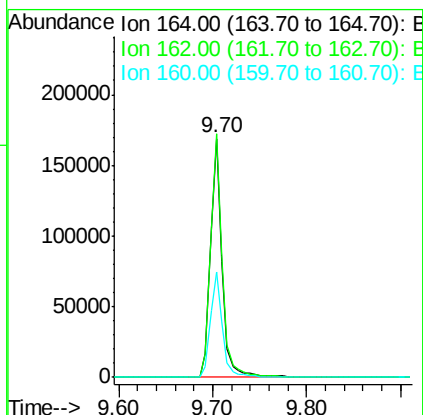
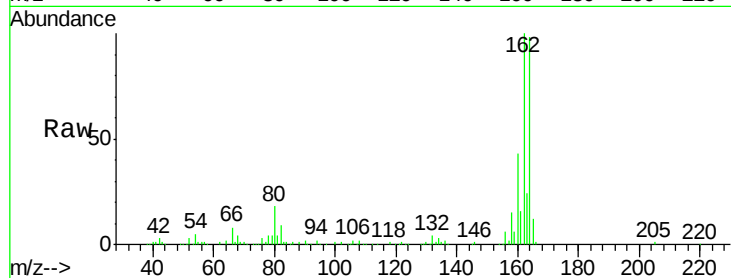




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113760.D
 Acq: 13 Apr 2019 1:48

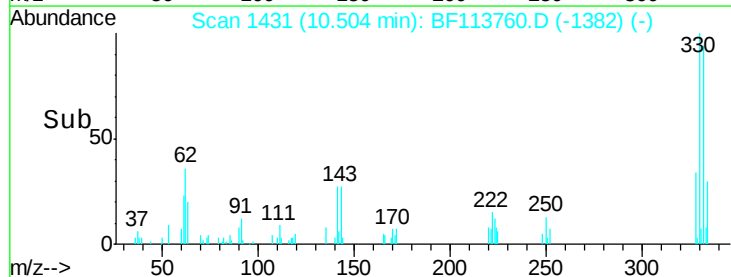
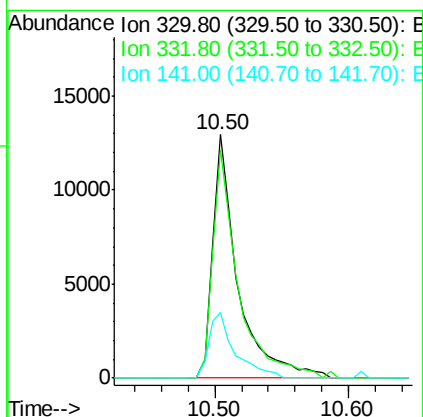
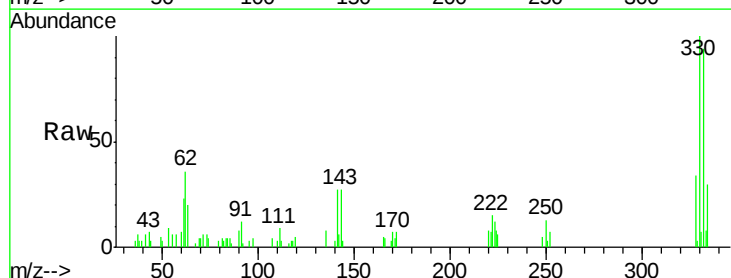
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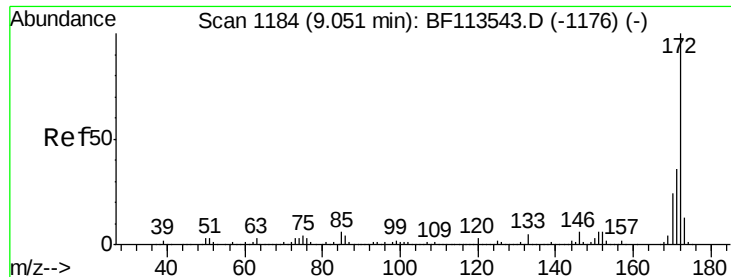
Tgt Ion:164 Resp: 149428
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.8 122.6
 160 44.3 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 9.495 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113760.D
 Acq: 13 Apr 2019 1:48

Tgt Ion:330 Resp: 17043
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.6
 141 28.2 22.7 34.1

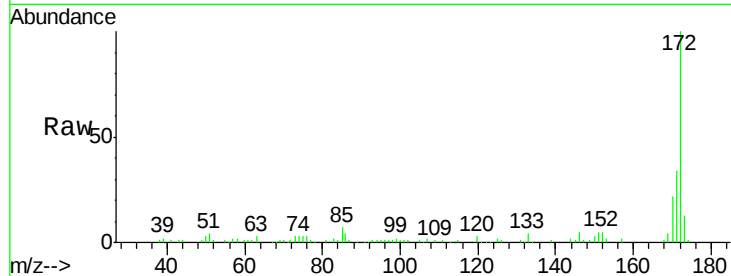




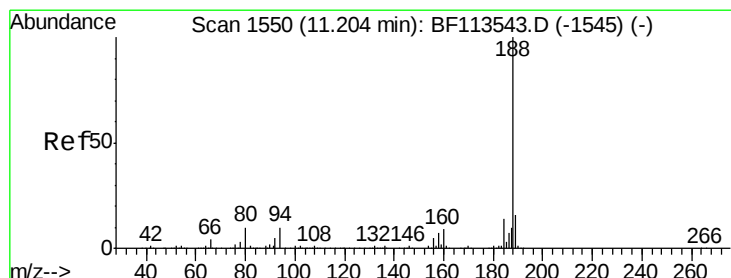
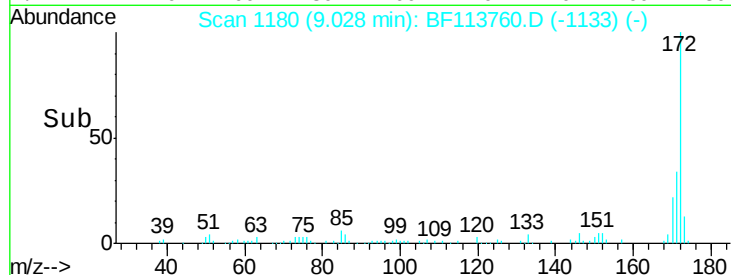
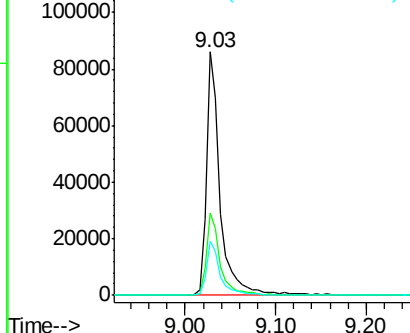
#45
2-Fluorobiphenyl
Concen: 9.901 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-2

Tgt Ion:172 Resp: 91901
Ion Ratio Lower Upper
172 100
171 33.7 29.0 43.6
170 22.5 19.5 29.3

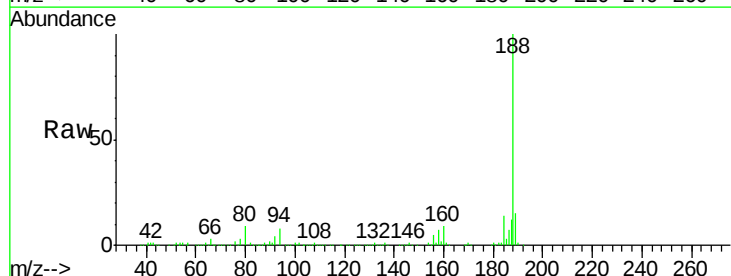


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

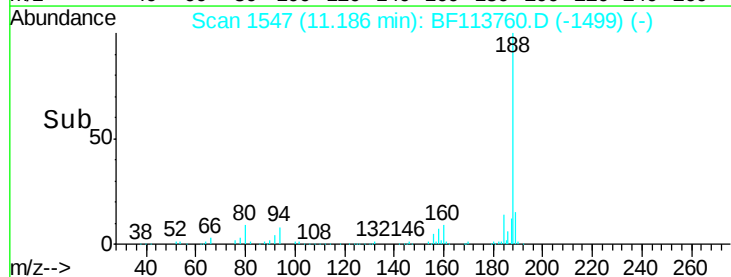
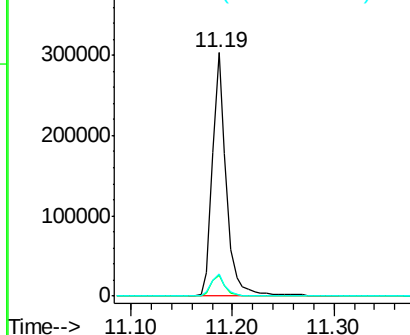


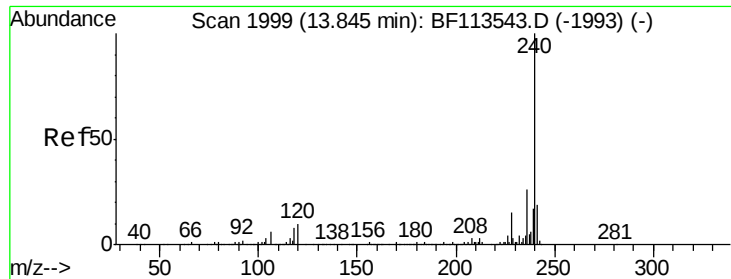
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

Tgt Ion:188 Resp: 290319
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

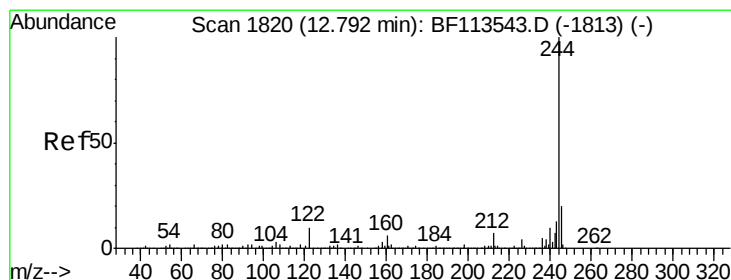
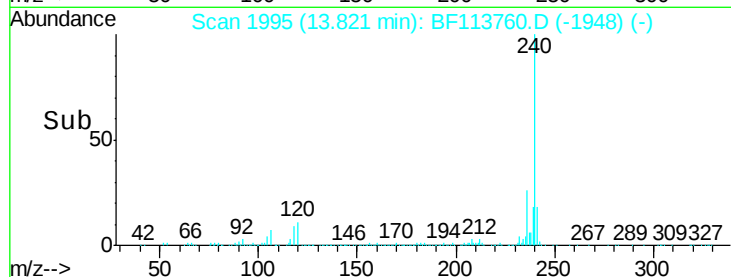
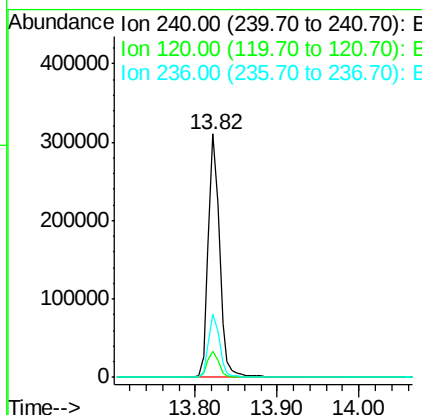
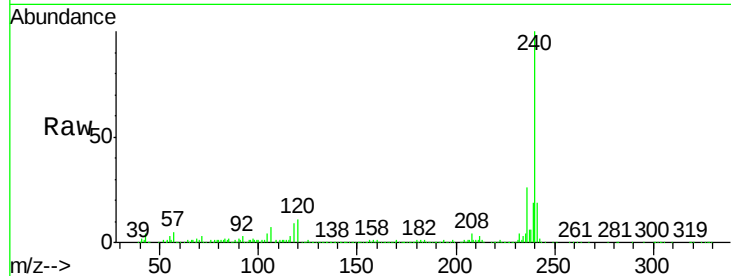




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

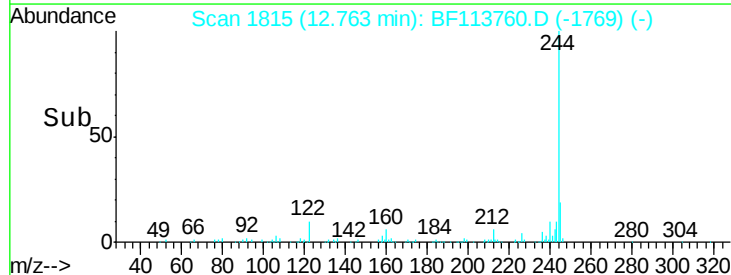
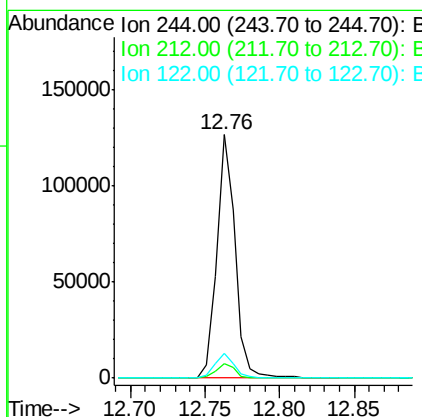
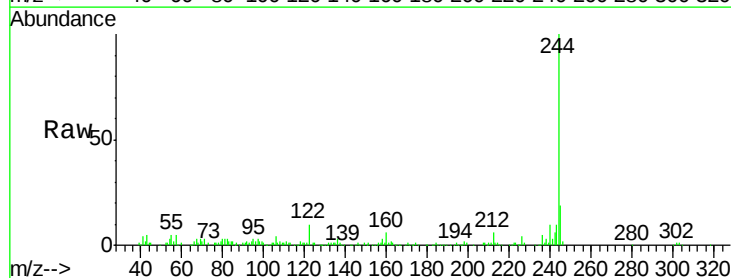
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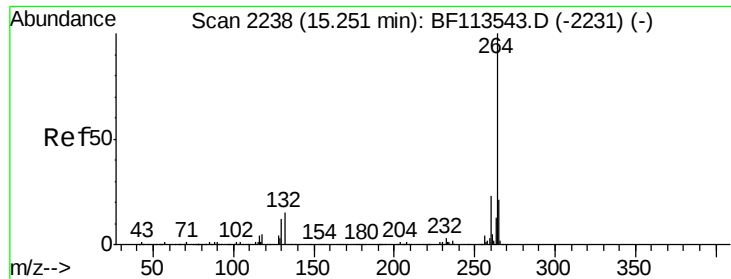
Tgt Ion:240 Resp: 299016
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 7.370 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113760.D
Acq: 13 Apr 2019 1:48

Tgt Ion:244 Resp: 108237
Ion Ratio Lower Upper
244 100
212 6.2 5.5 8.3
122 10.4 8.6 13.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113760.D

Acq: 13 Apr 2019 1:48

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPERATOR-2

Tgt Ion: 264 Resp: 239033

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.2 17.1 25.7

