

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
 Data File : BF113782.D
 Acq On : 16 Apr 2019 00:23
 Operator : JU/SJ
 Sample : K2359-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 16 05:37:11 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

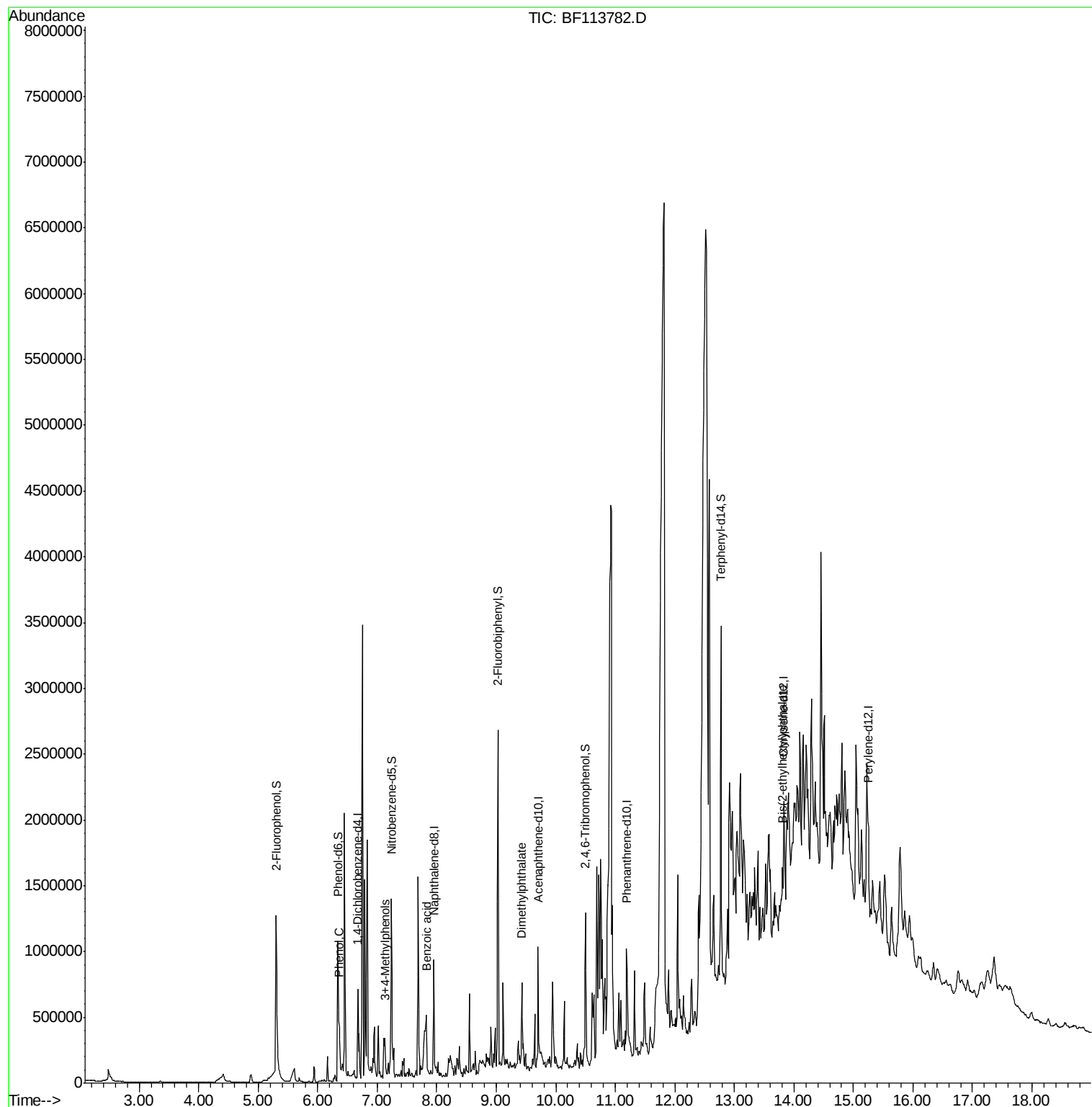
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113941	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	398262	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	161668	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	304601	20.00	ng	-0.01
76) Chrysene-d12	13.84	240	301371	20.00	ng	0.00
87) Perylene-d12	15.26	264	213346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	580226	86.84	ng	0.00
7) Phenol-d6	6.34	99	682136	82.83	ng	0.00
23) Nitrobenzene-d5	7.24	82	456550	67.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	175419	90.33	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	823381	81.99	ng	-0.02
79) Terphenyl-d14	12.77	244	833146	56.29	ng	-0.02
Target Compounds						
10) Phenol	6.36	94	20110	2.138	ng	99
20) 3+4-Methylphenols	7.14	107	26624	3.668	ng	# 85
32) Benzoic acid	7.83	122	266090	63.783	ng	99
50) Dimethylphthalate	9.43	163	80797	6.780	ng	99
84) Bis(2-ethylhexyl)phthalate	13.81	149	98209	8.702	ng	# 98

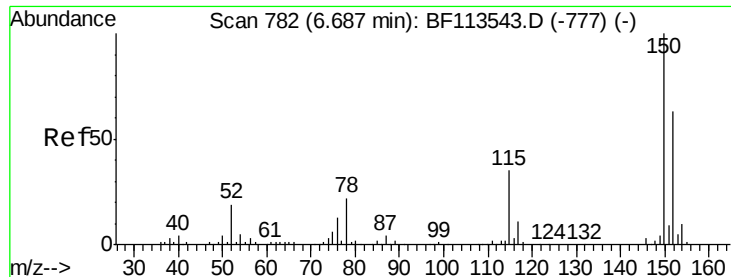
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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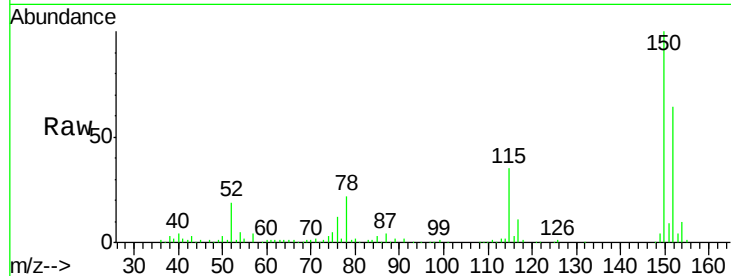


#1

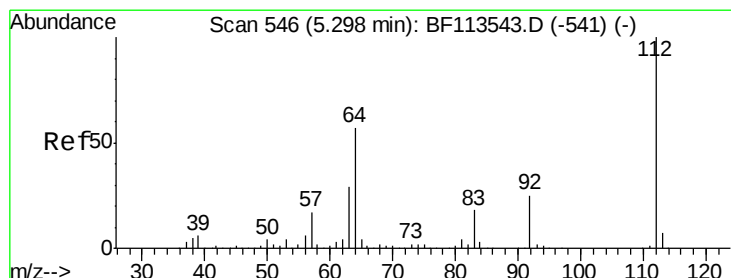
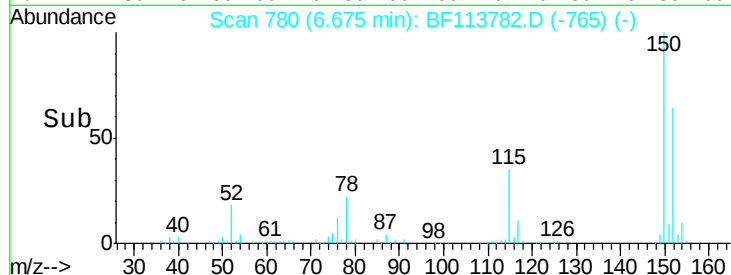
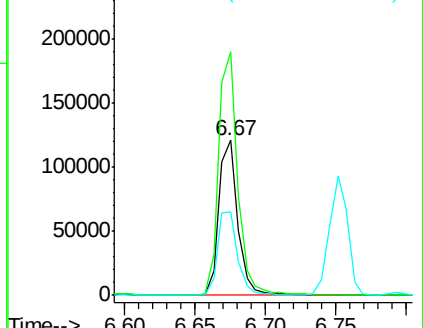
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

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

Tgt Ion:152 Resp: 113941
Ion Ratio Lower Upper
152 100
150 156.9 124.7 187.1
115 54.1 46.0 69.0



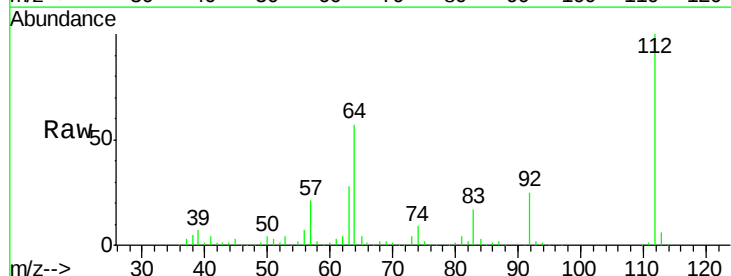
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



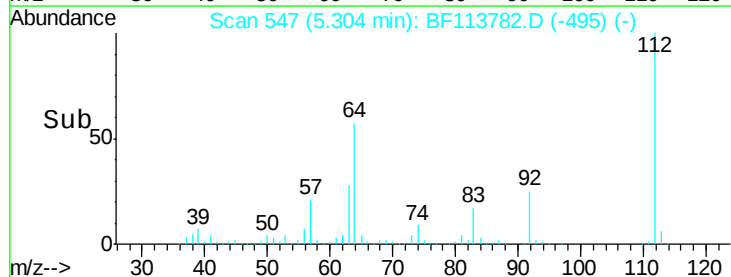
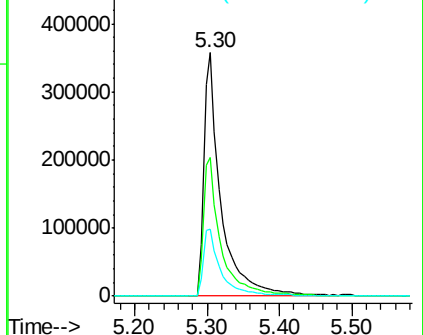
#5

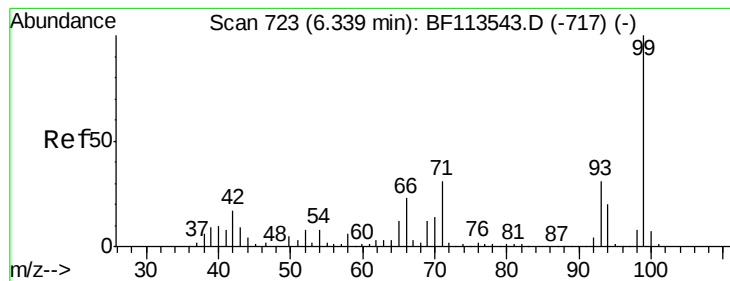
2-Fluorophenol
Concen: 86.836 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:112 Resp: 580226
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 27.7 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: 82.829 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

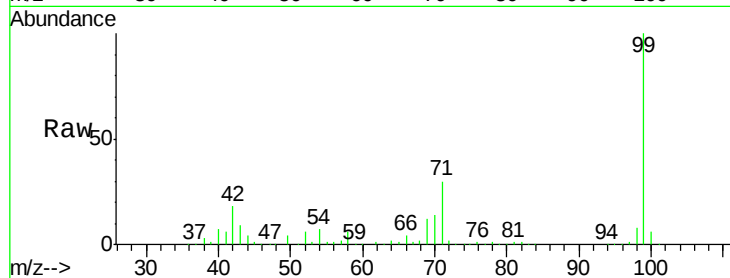
Tgt Ion: 99 Resp: 682136

Ion Ratio Lower Upper

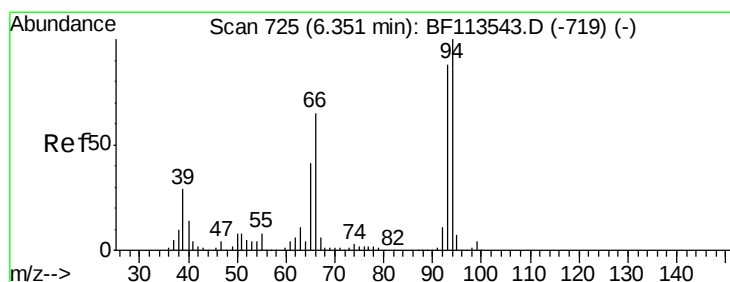
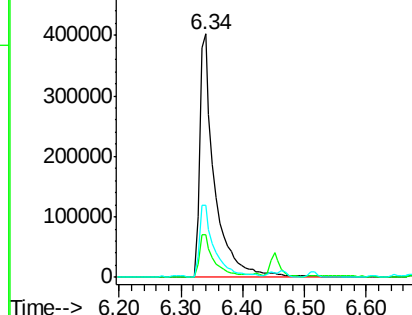
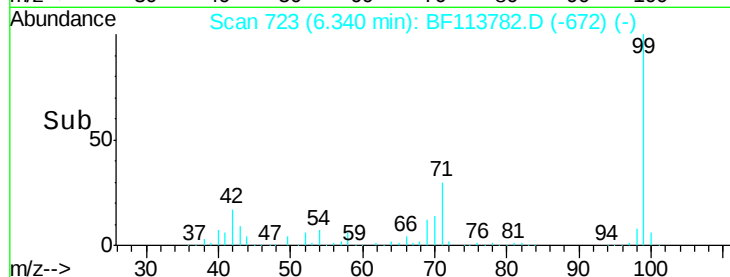
99 100

42 17.5 14.8 22.2

71 29.7 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



#10

Phenol

Concen: 2.138 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

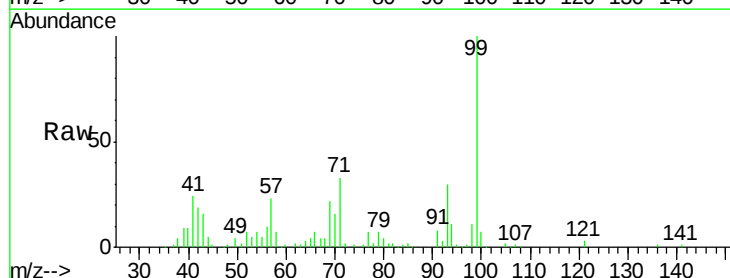
Tgt Ion: 94 Resp: 20110

Ion Ratio Lower Upper

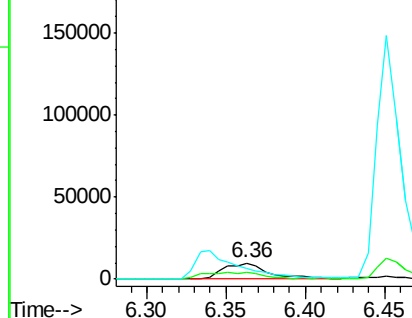
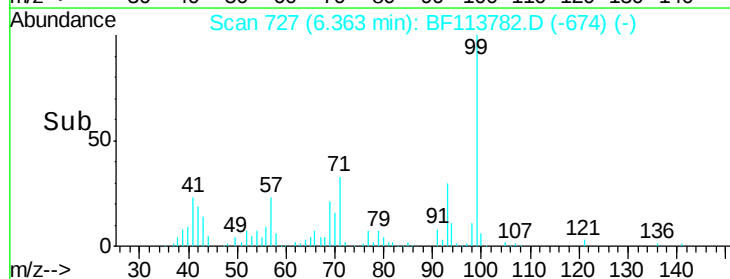
94 100

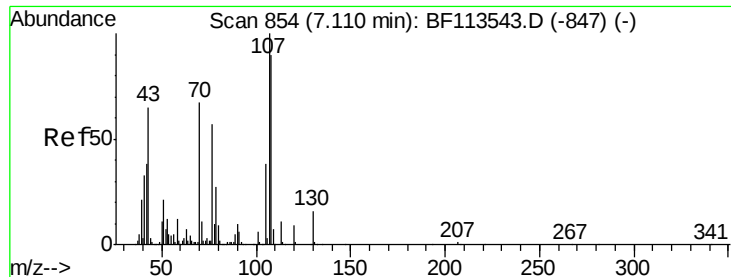
65 40.7 21.4 61.4

66 66.2 46.4 86.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 3.668 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.03 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

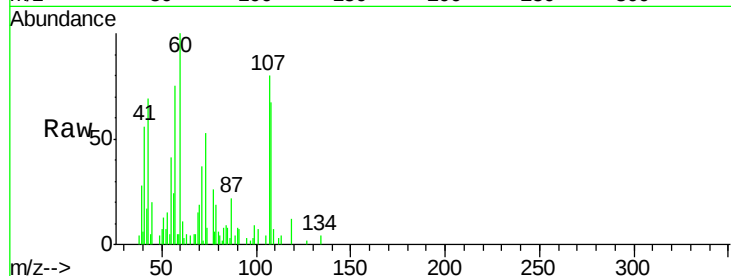
Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

Tgt Ion:	107	Resp:	26624
Ion	Ratio	Lower	Upper
107	100		
108	83.9	71.4	111.4
77	32.5	33.5	73.5#
79	23.5	8.3	48.3

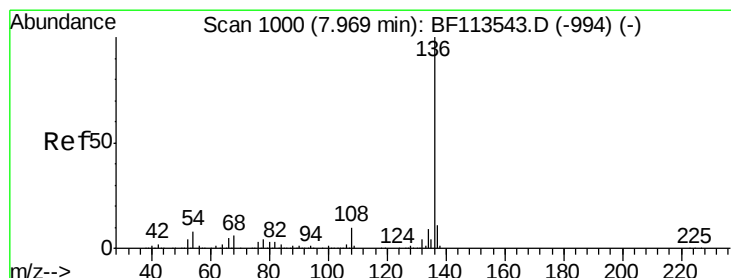
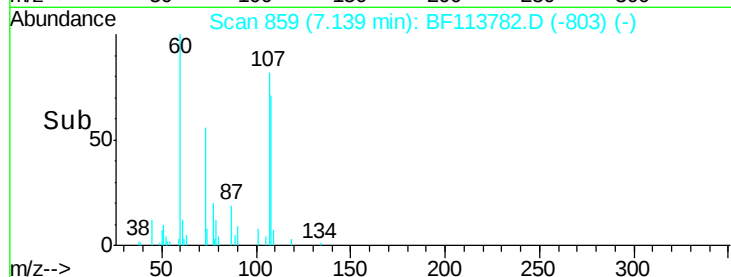
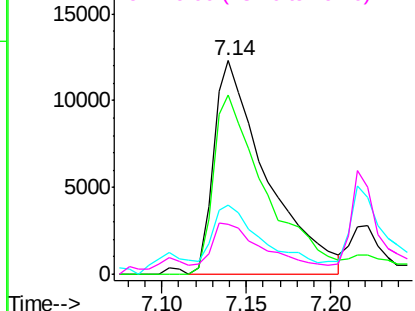


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

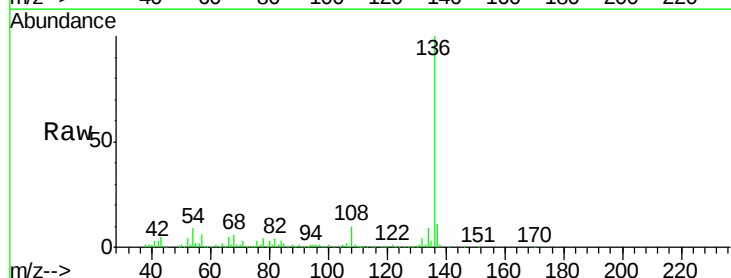
RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

Tgt Ion:	136	Resp:	398262
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.6	7.0	10.6
68	6.1	4.8	7.2

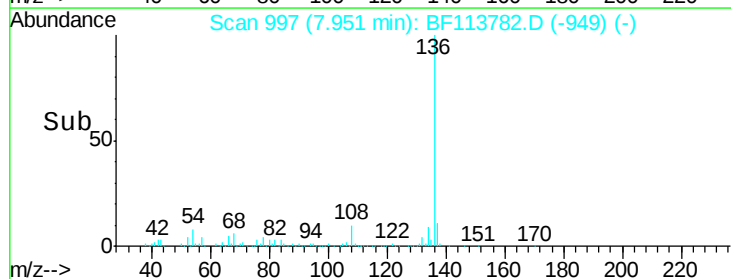
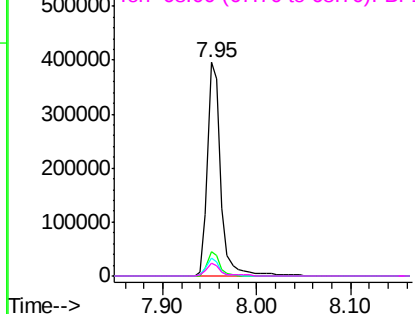


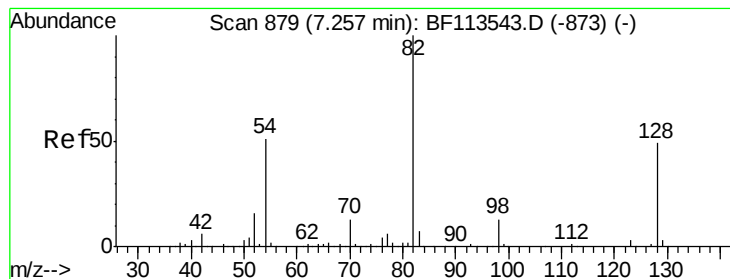
Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.148 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

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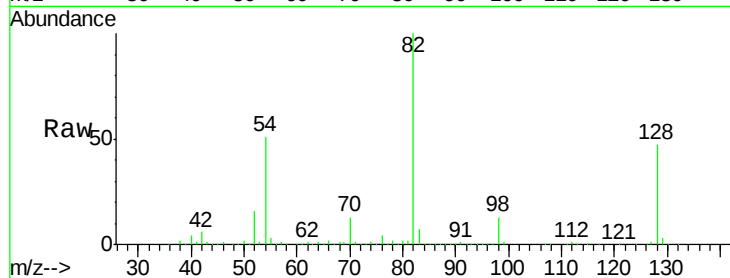
Tgt Ion: 82 Resp: 456550

Ion Ratio Lower Upper

82 100

128 46.9 36.5 54.7

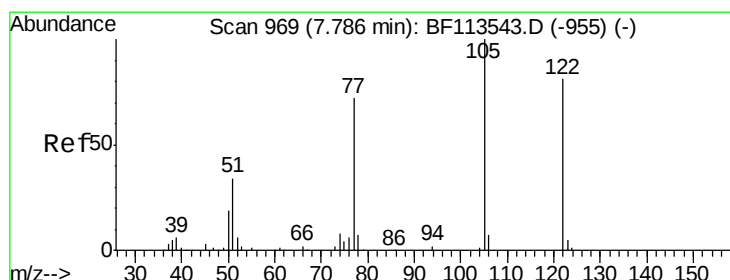
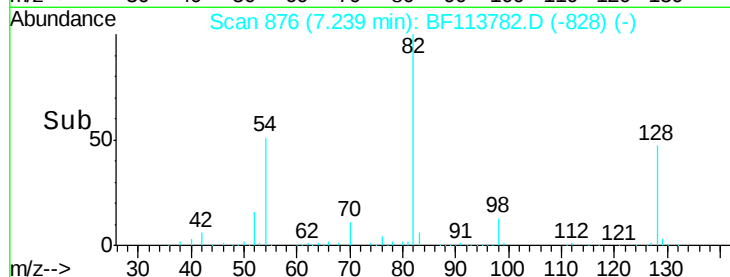
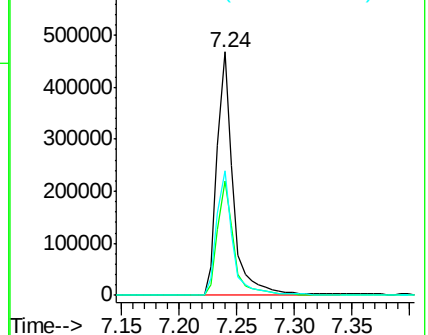
54 51.0 42.2 63.2



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: 63.783 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.04 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

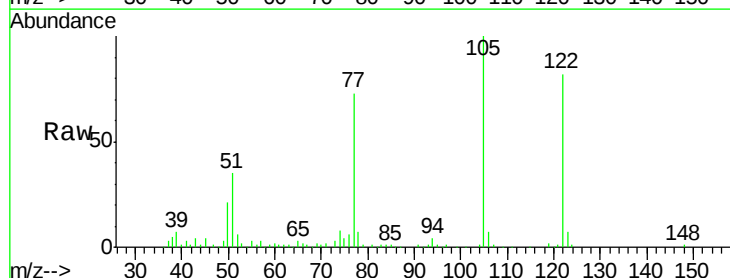
Tgt Ion: 122 Resp: 266090

Ion Ratio Lower Upper

122 100

105 122.0 100.4 140.4

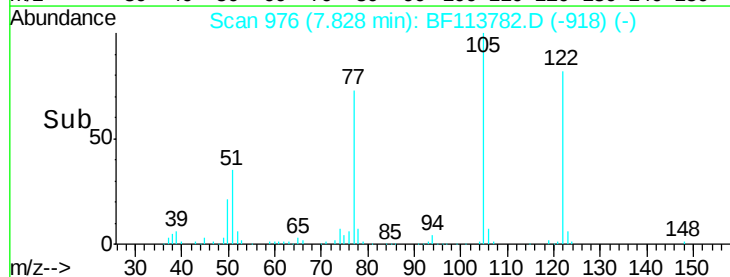
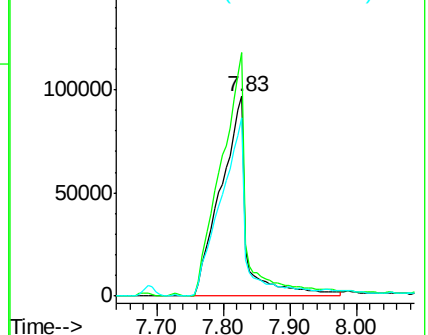
77 89.1 69.0 109.0

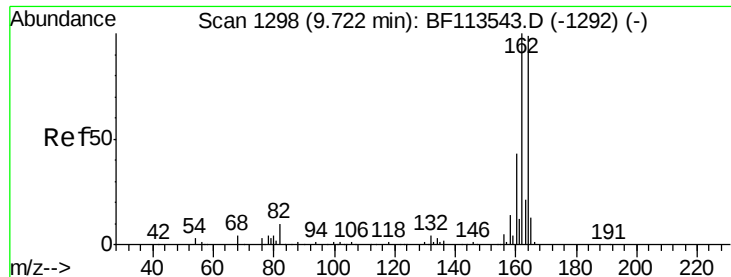


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

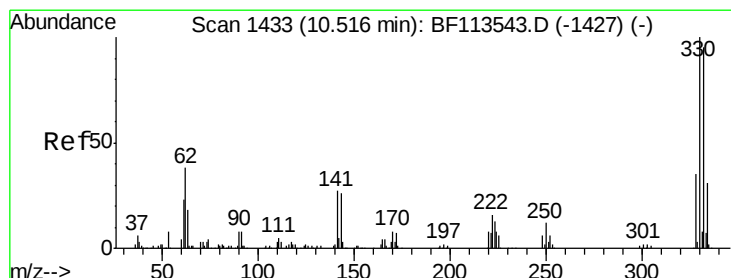
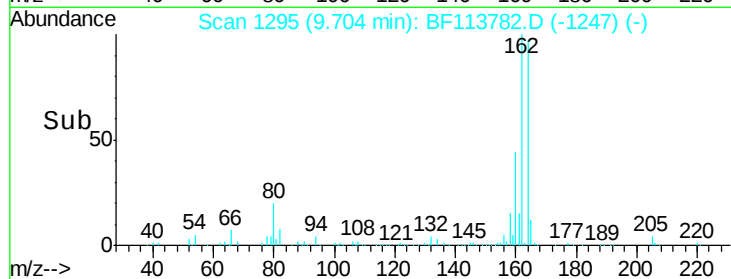
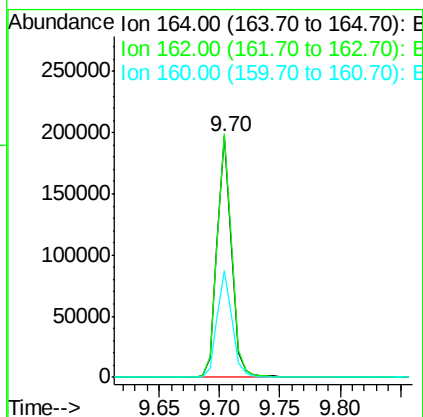
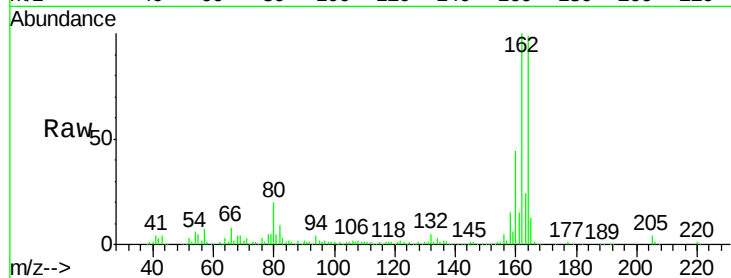




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

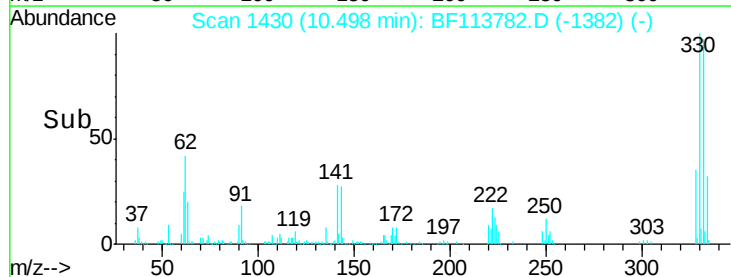
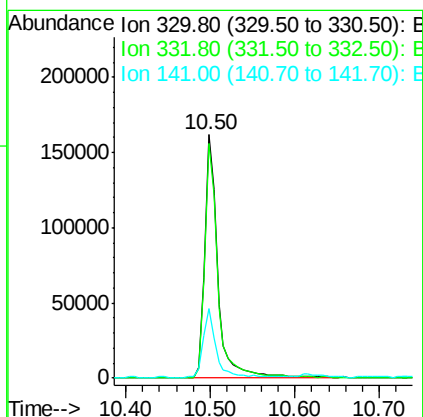
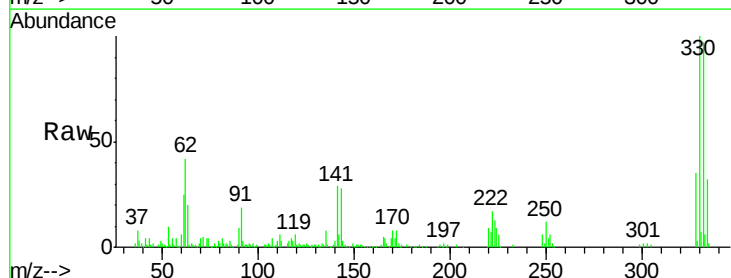
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-2

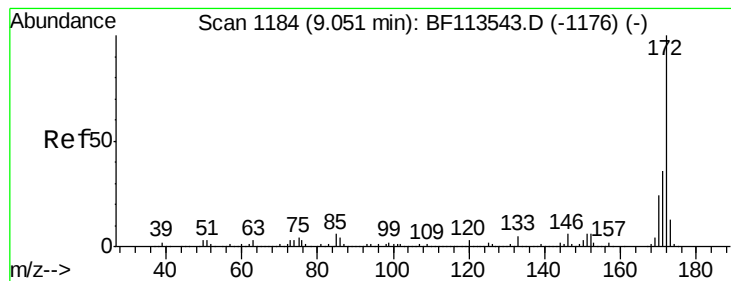
Tgt Ion:164 Resp: 161668
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 90.328 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:330 Resp: 175419
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 27.3 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 81.992 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

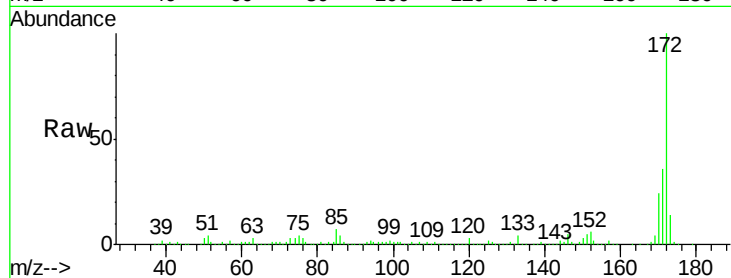
Tgt Ion:172 Resp: 823381

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

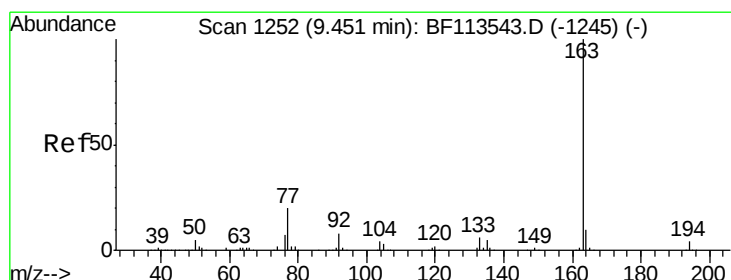
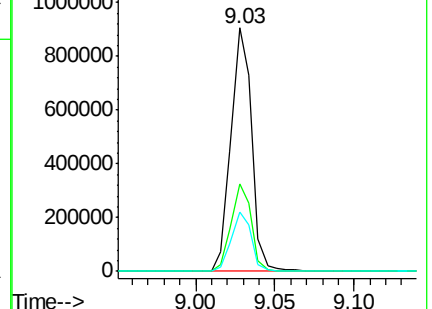
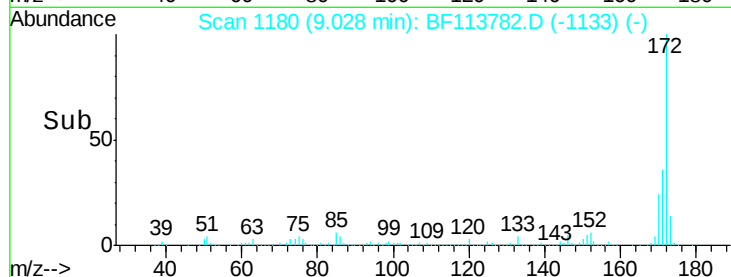
170 24.1 19.5 29.3



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



#50

Dimethylphthalate

Concen: 6.780 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

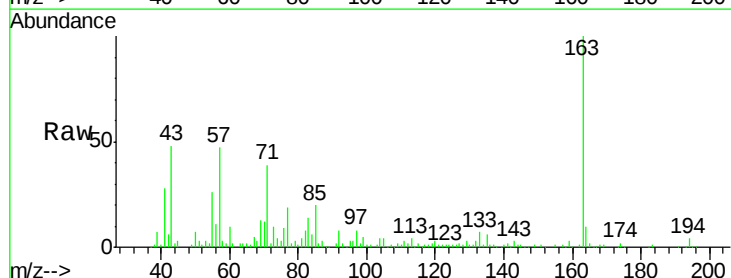
Tgt Ion:163 Resp: 80797

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

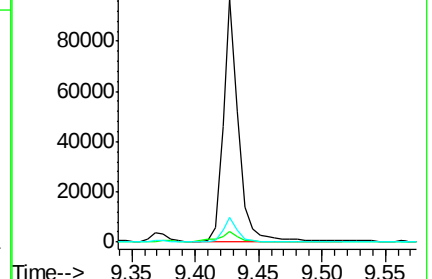
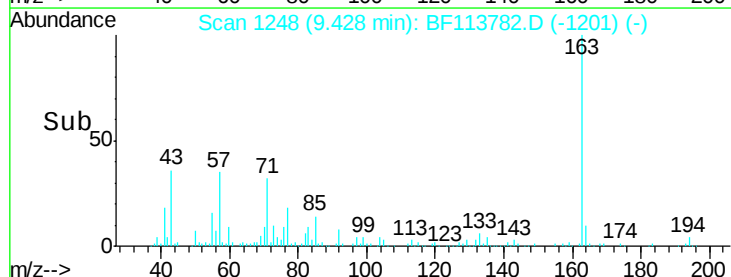
164 10.0 8.1 12.1

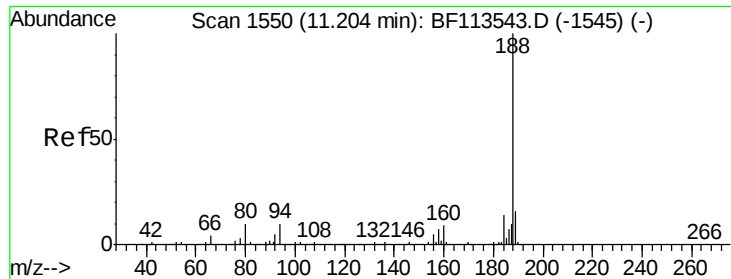


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

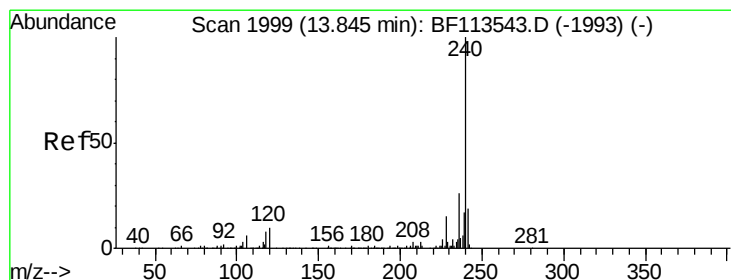
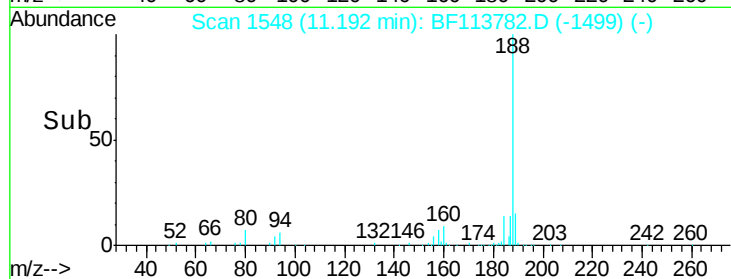
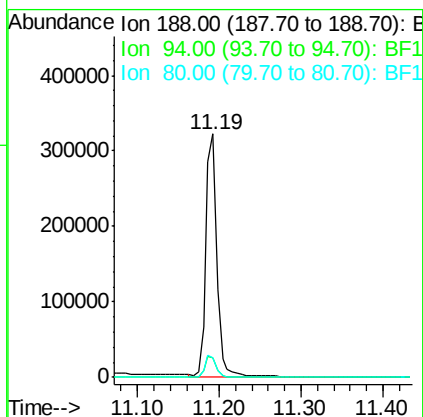
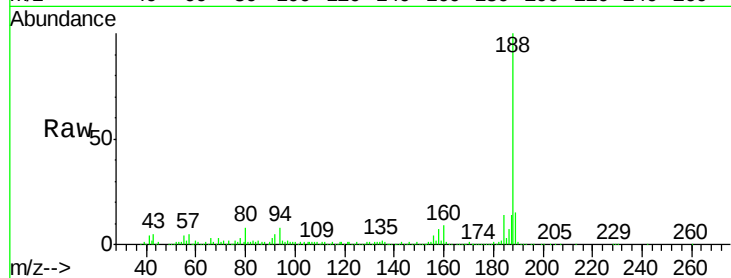




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

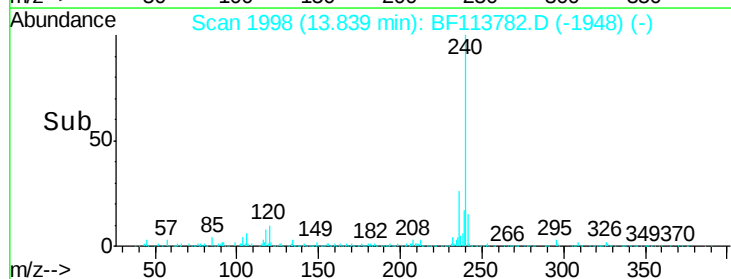
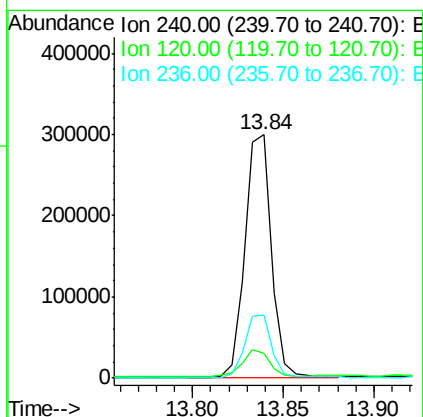
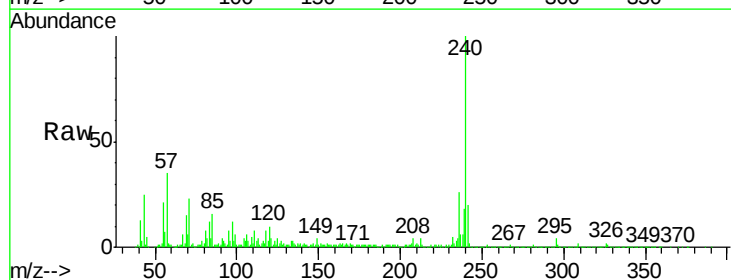
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

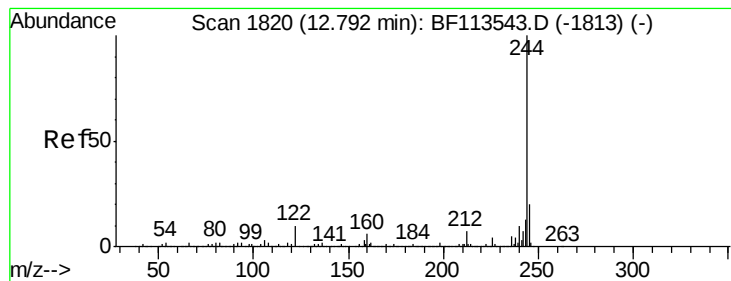
Tgt Ion:188 Resp: 304601
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

Tgt Ion:240 Resp: 301371
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 56.286 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

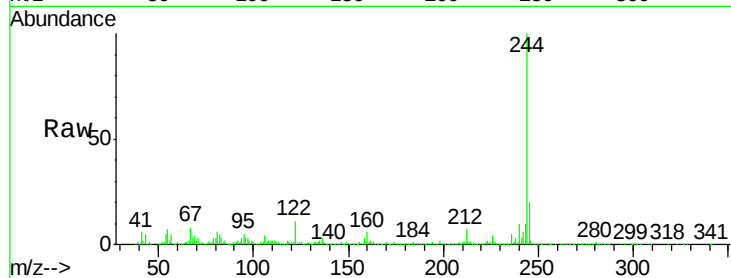
Tgt Ion:244 Resp: 833146

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

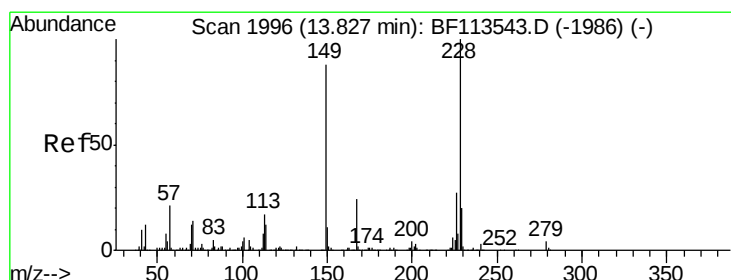
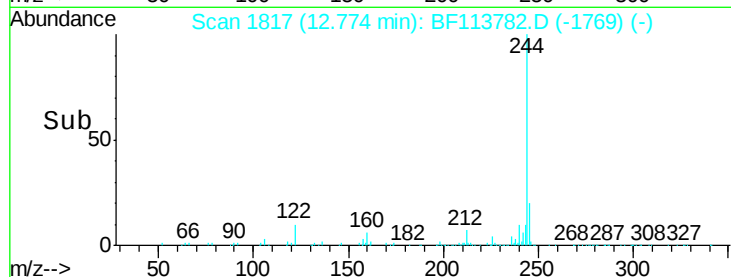
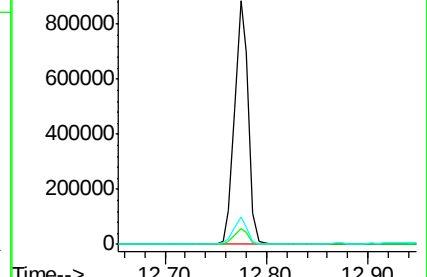
122 11.4 8.6 13.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.702 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113782.D

Acq: 16 Apr 2019 00:23

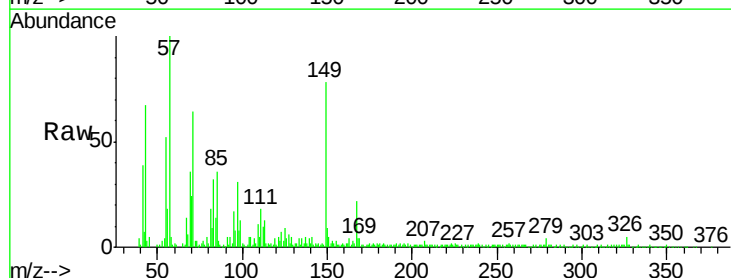
Tgt Ion:149 Resp: 98209

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

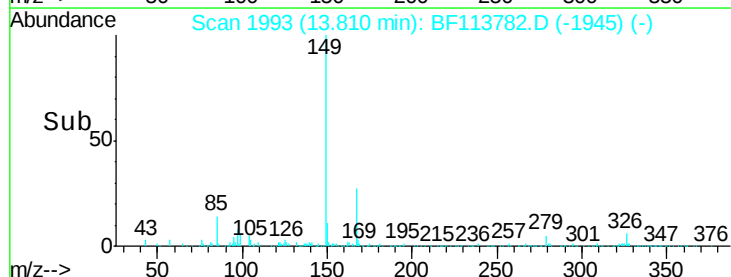
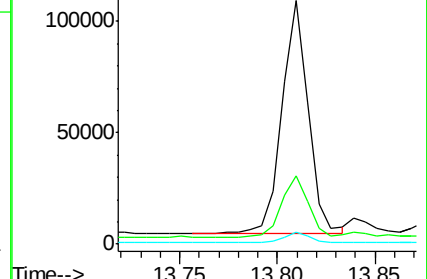
279 5.1 2.9 4.3#

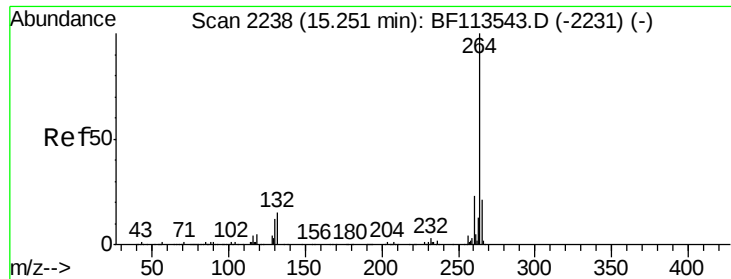


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



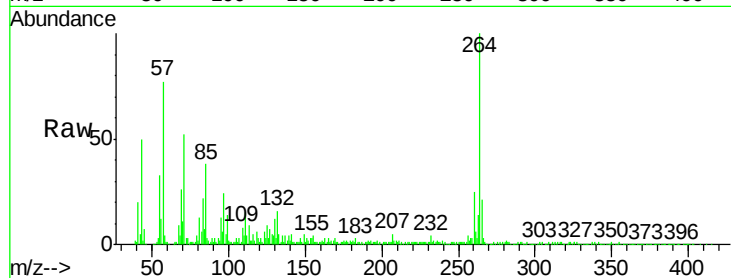


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113782.D
Acq: 16 Apr 2019 00:23

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

Tgt Ion: 264 Resp: 213346

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.4	17.1	25.7



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

