

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118187.D
 Acq On : 13 Dec 2019 15:43
 Operator : JU
 Sample : K5674-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUM

Quant Time: Dec 13 23:12:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

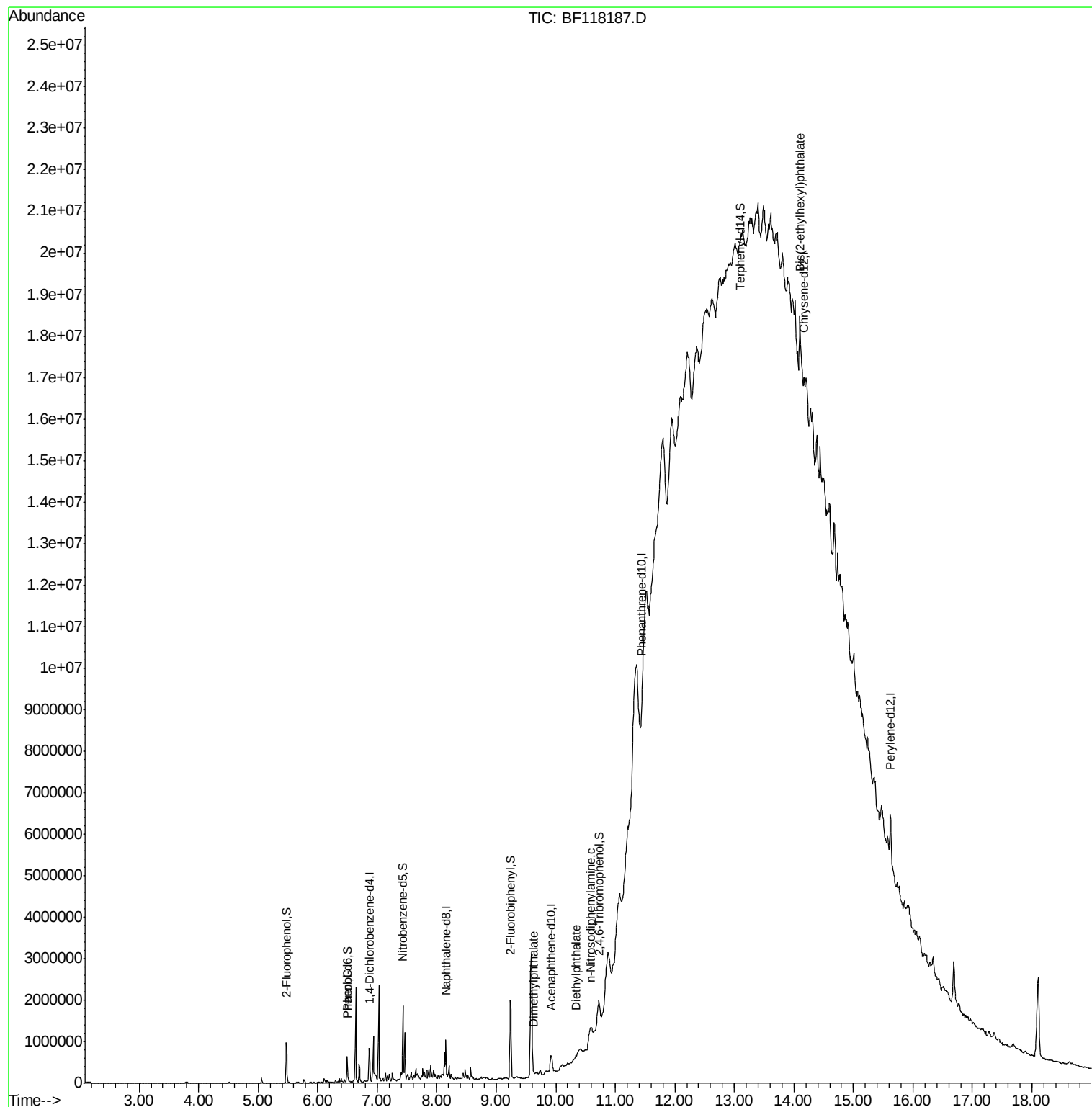
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110791	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	396220	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	187527	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	265278	20.00	ng	0.03
76) Chrysene-d12	14.17	240	193400	20.00	ng	0.10
87) Perylene-d12	15.63	264	292046	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	286072	45.22	ng	0.00
7) Phenol-d6	6.49	99	217232	28.39	ng	0.00
23) Nitrobenzene-d5	7.43	82	523799	74.37	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	241568	106.04	ng	0.01
45) 2-Fluorobiphenyl	9.24	172	1065400	86.45	ng	0.00
79) Terphenyl-d14	13.09	244	603780	53.69	ng	0.09
Target Compounds						
10) Phenol	6.50	94	37795	4.332	ng	91
50) Dimethylphthalate	9.63	163	41919	3.026	ng	# 95
60) Diethylphthalate	10.34	149	37732	2.765	ng	# 88
66) n-Nitrosodiphenylamine	10.59	169	20509	2.476	ng	90
84) Bis(2-ethylhexyl)phthalate	14.10	149	792991	87.128	ng	# 91

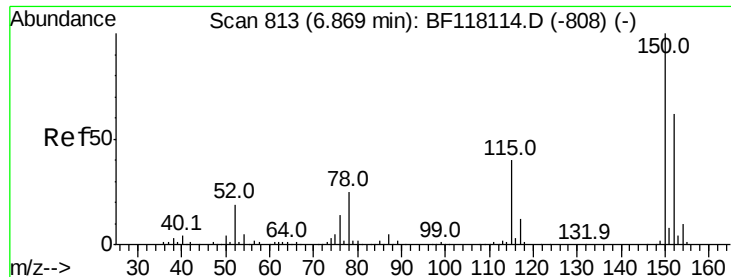
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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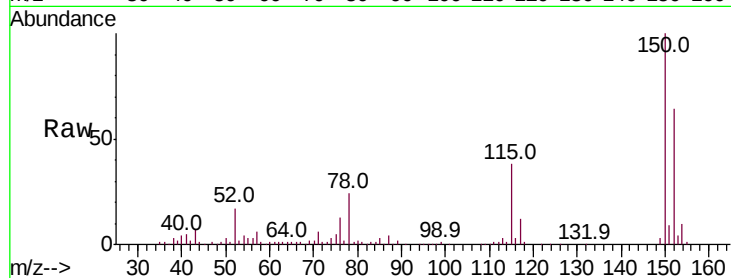


#1

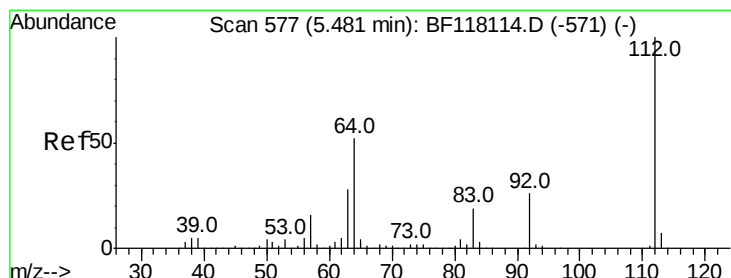
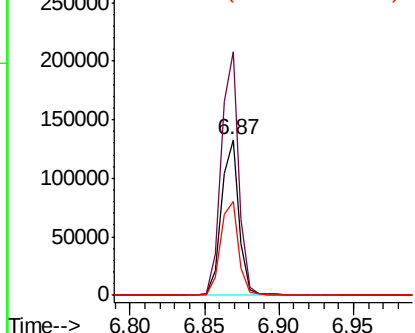
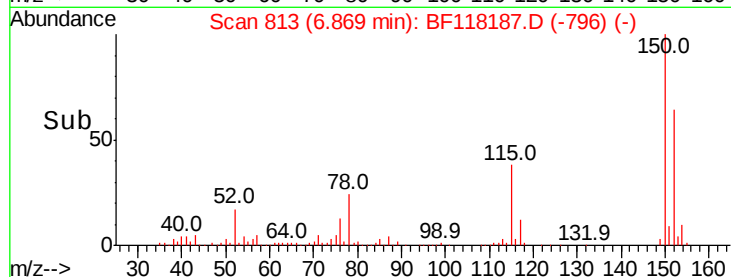
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tot Ion:152 Resp: 110791
Ion Ratio Lower Upper
152 100
150 156.2 128.3 192.5
115 60.0 51.1 76.7



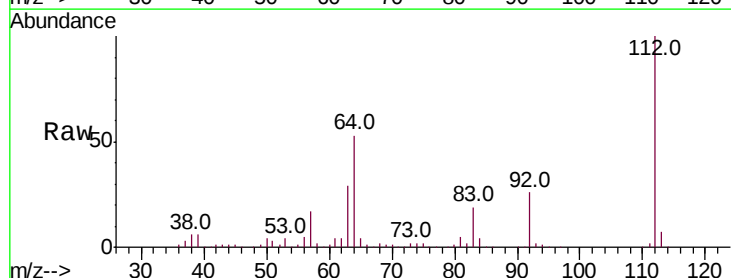
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



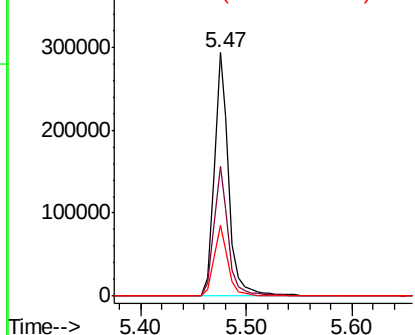
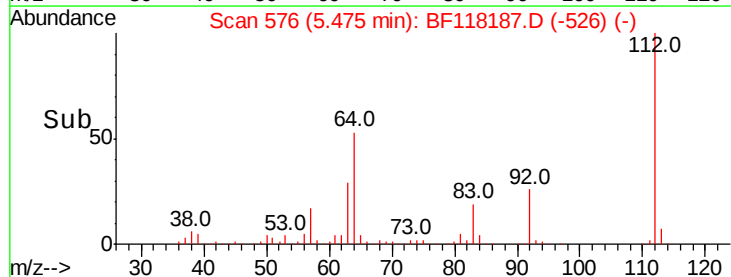
#5

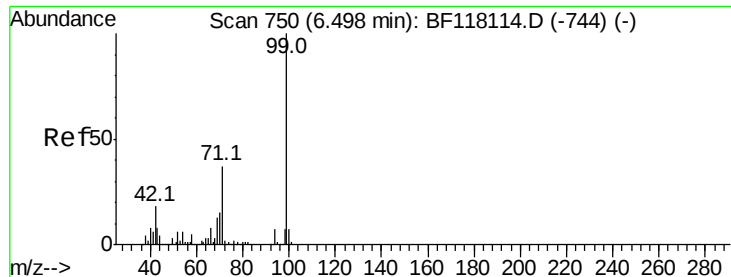
2-Fluorophenol
Concen: 45.224 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:112 Resp: 286072
Ion Ratio Lower Upper
112 100
64 53.2 41.3 61.9
63 29.3 22.4 33.6



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: 28.393 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-DRUM

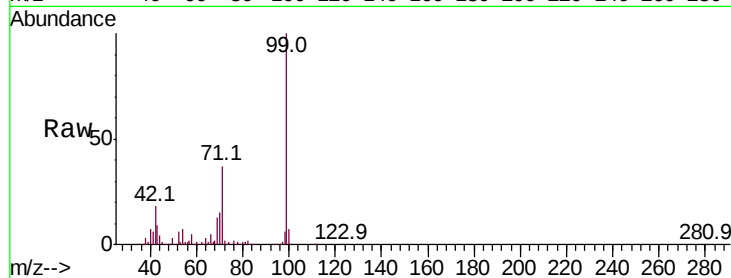
Tot Ion: 99 Resp: 217232

Ion Ratio Lower Upper

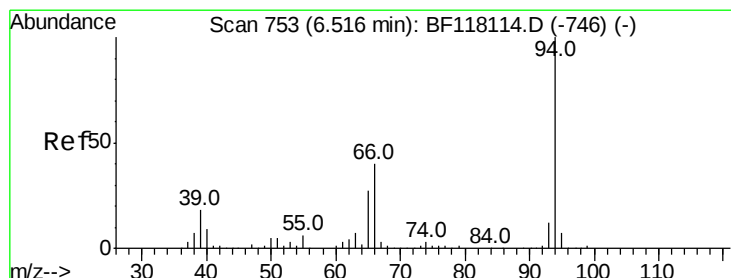
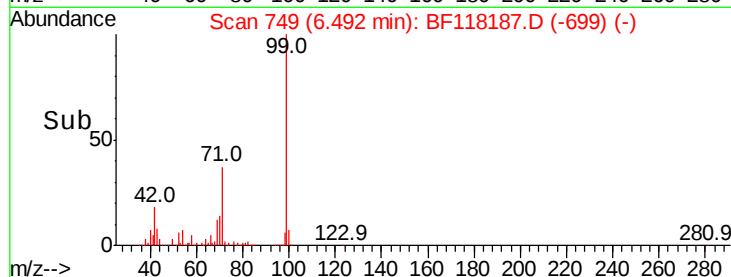
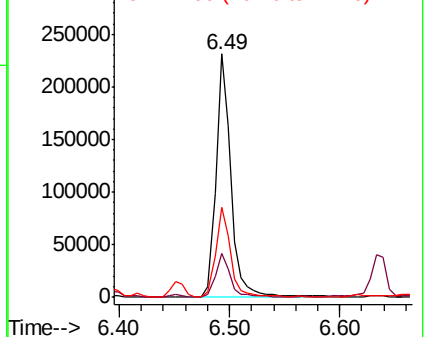
99 100

42 18.2 14.1 21.1

71 37.0 29.7 44.5



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: 4.332 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

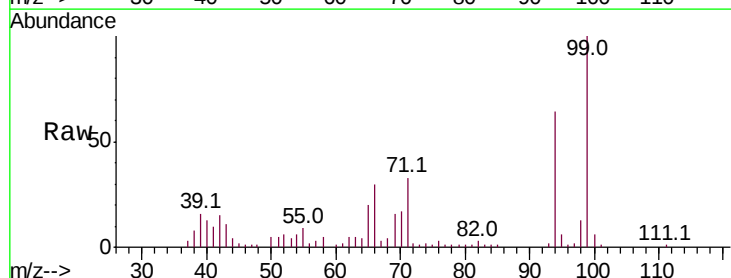
Tgt Ion: 94 Resp: 37795

Ion Ratio Lower Upper

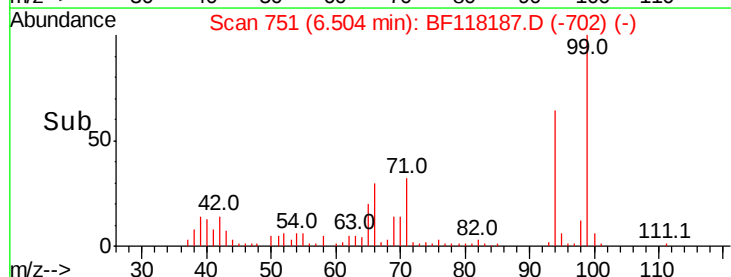
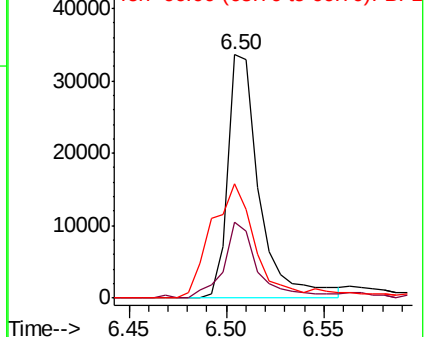
94 100

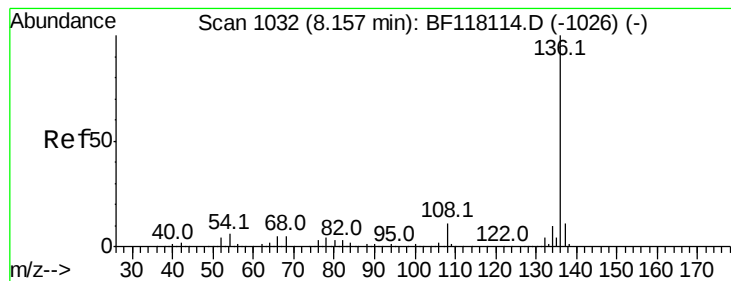
65 31.1 7.3 47.3

66 47.0 20.2 60.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-DRUM

Tot Ion:136 Resp: 396220

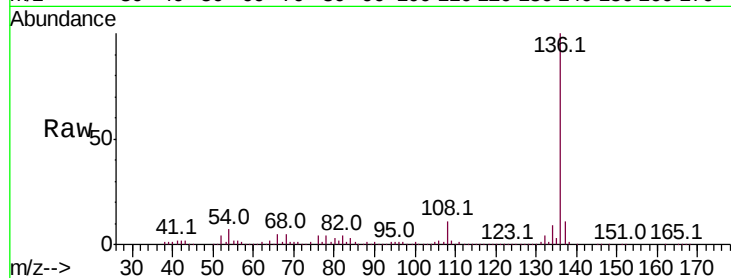
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.7 5.0 7.6

68 4.9 3.8 5.8

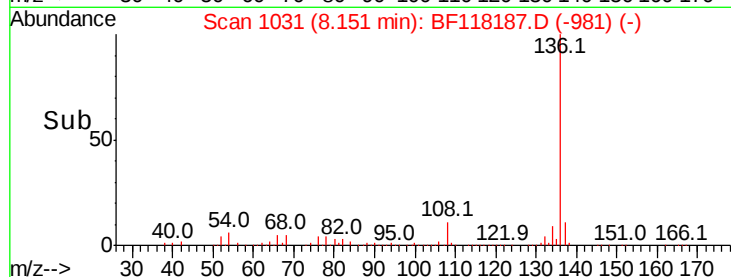


Abundance Ion 136.00 (135.70 to 136.70): E

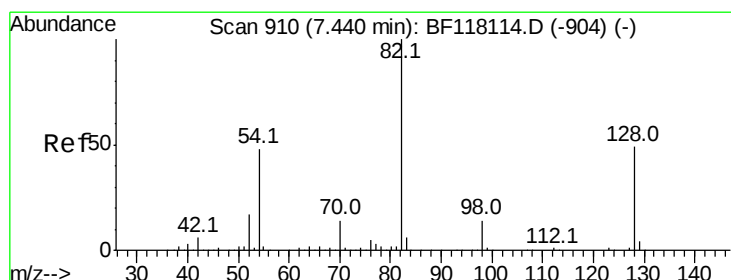
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 74.372 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

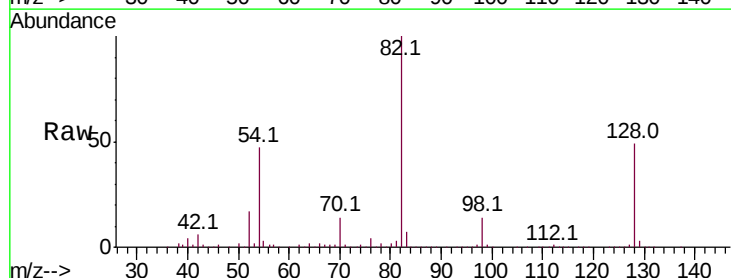
Tgt Ion: 82 Resp: 523799

Ion Ratio Lower Upper

82 100

128 48.5 39.1 58.7

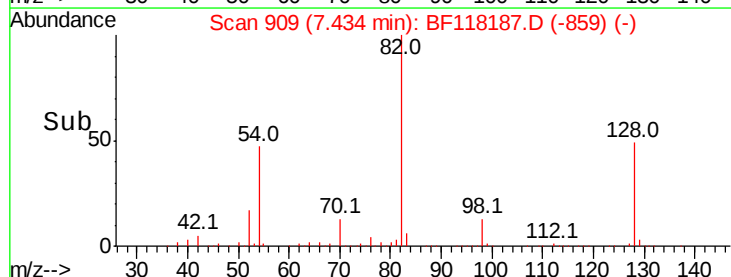
54 47.0 38.2 57.2



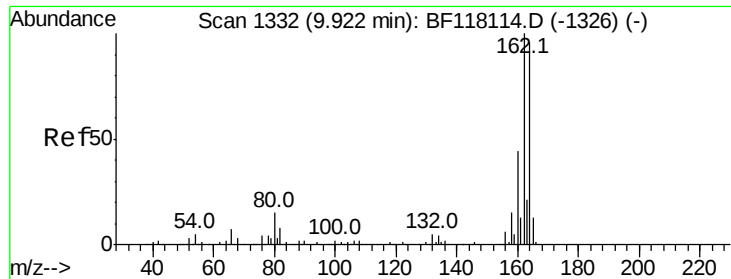
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



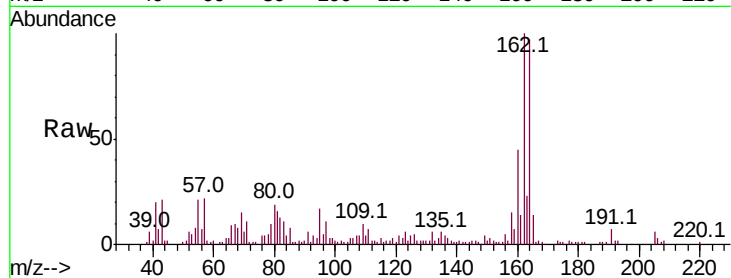
Time-->



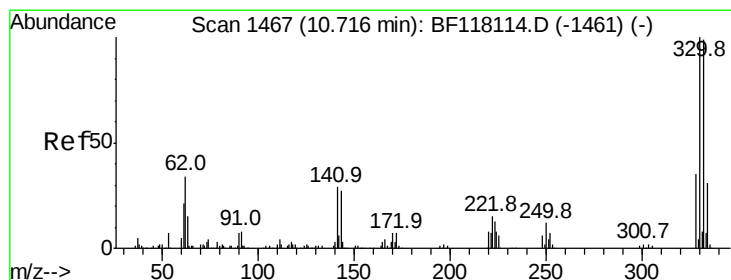
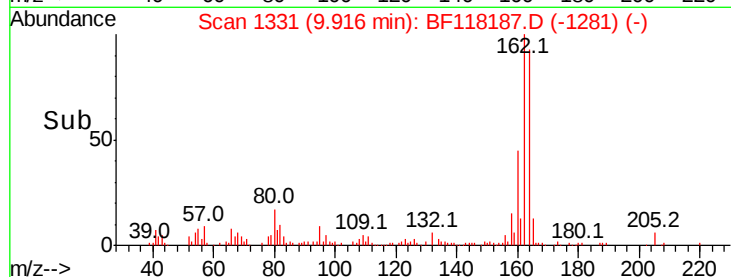
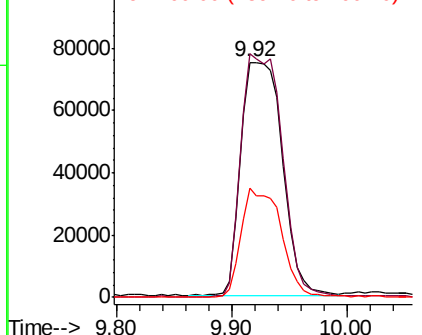
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tot Ion:164 Resp: 187527
Ion Ratio Lower Upper
164 100
162 103.6 83.4 125.0
160 46.5 36.6 54.8

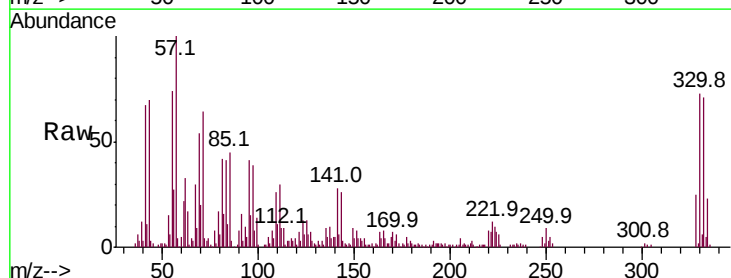


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

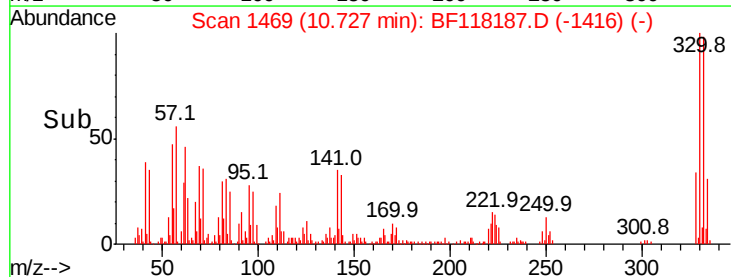
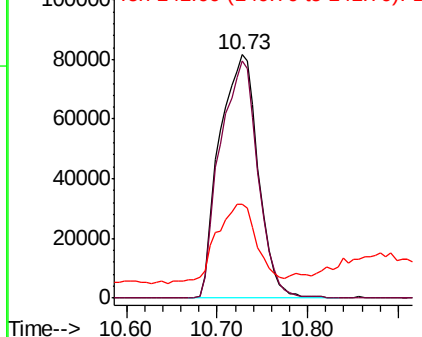


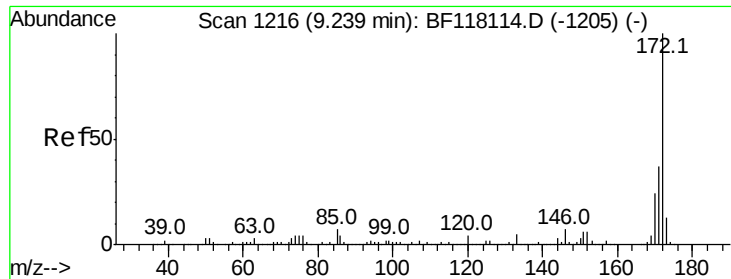
#42
2,4,6-Tribromophenol
Concen: 106.039 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:330 Resp: 241568
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 30.7 26.9 40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



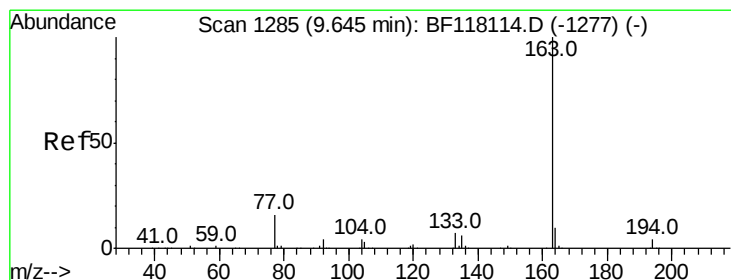
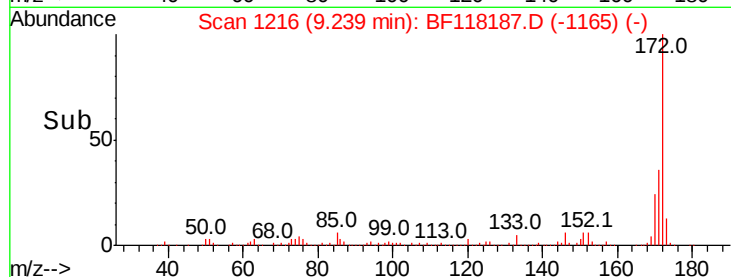
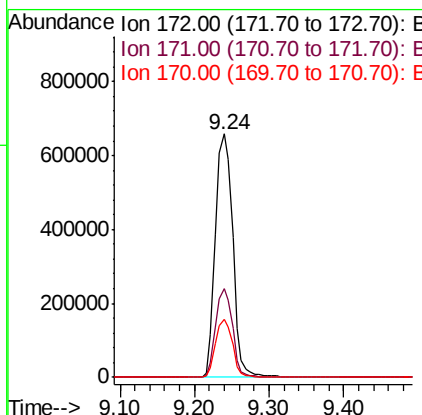
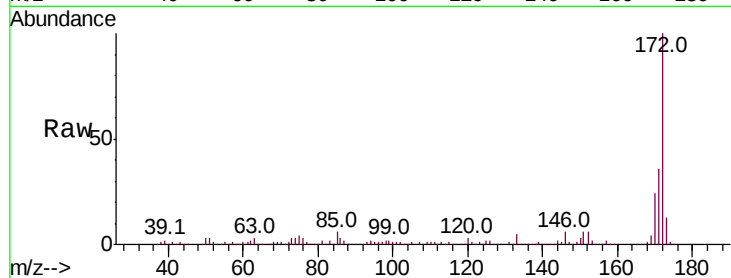


#45
 2-Fluorobiphenyl
 Concen: 86.449 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF118187.D
 Acq: 13 Dec 2019 15:43

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-DRUM

Tot Ion:172 Resp: 1065400

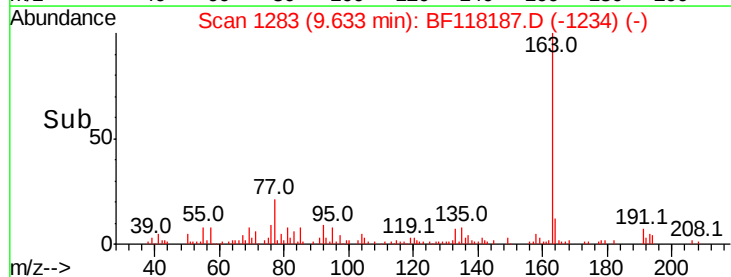
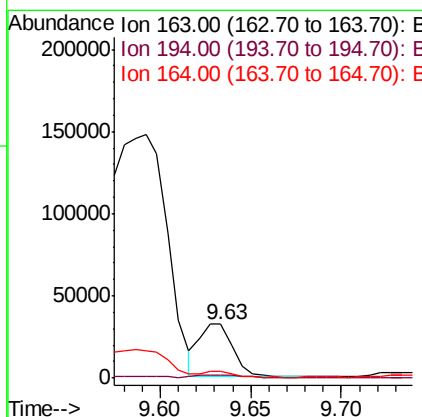
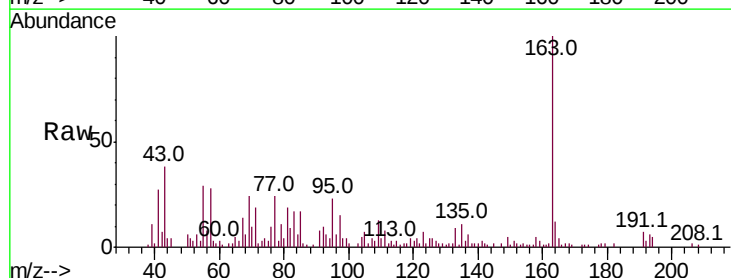
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.4	29.2

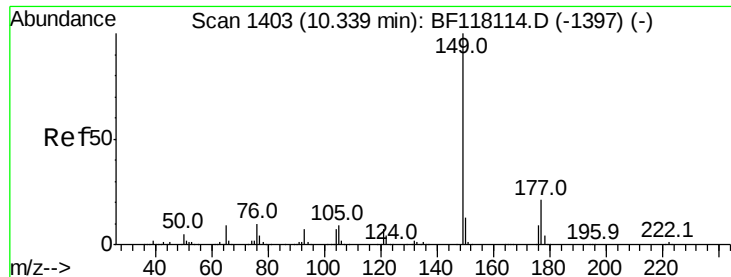


#50
 Dimethylphthalate
 Concen: 3.026 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF118187.D
 Acq: 13 Dec 2019 15:43

Tgt Ion:163 Resp: 41919

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.1	4.7#
164	11.6	7.7	11.5#

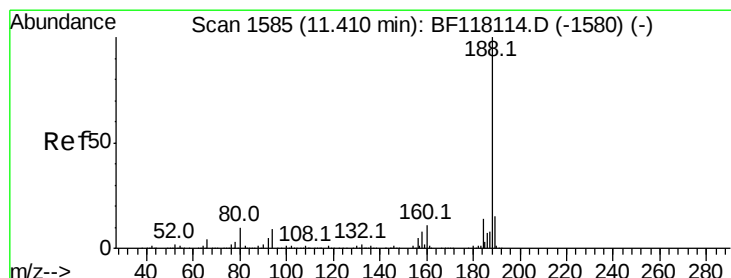
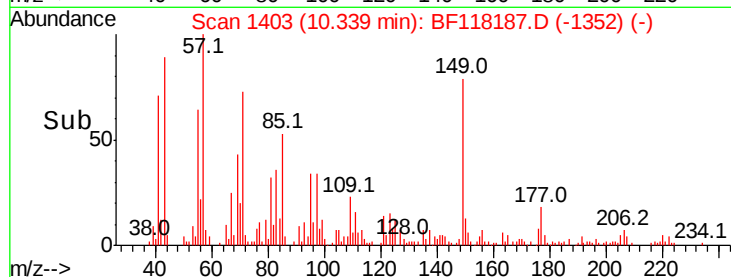
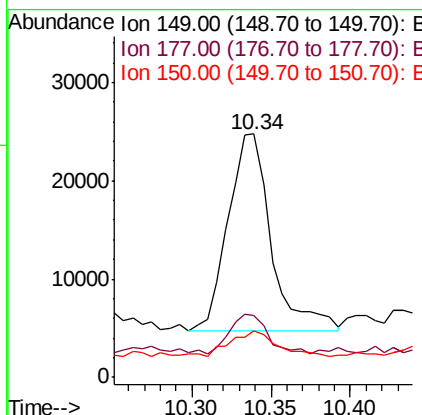
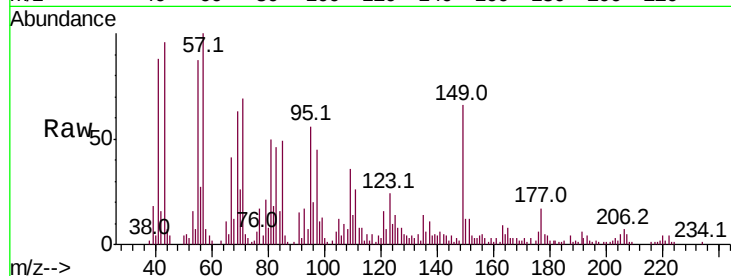




#60
Diethylphthalate
Concen: 2.765 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

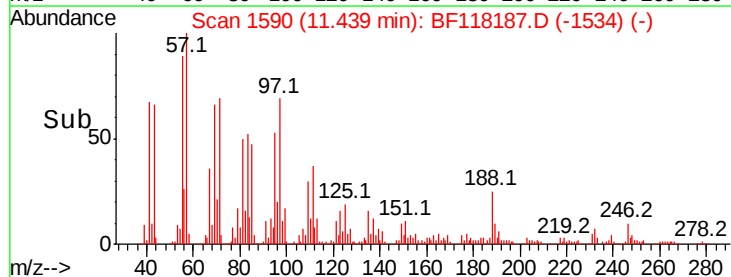
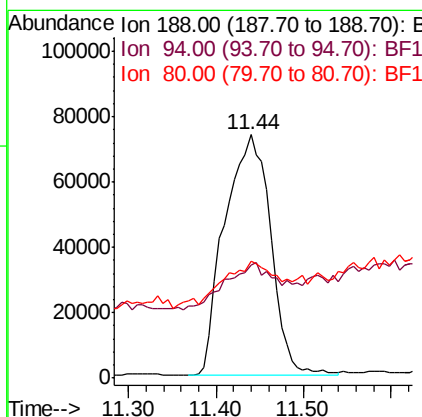
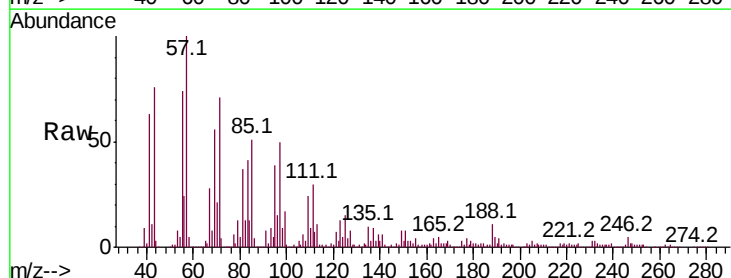
Instrument :
BNA_F
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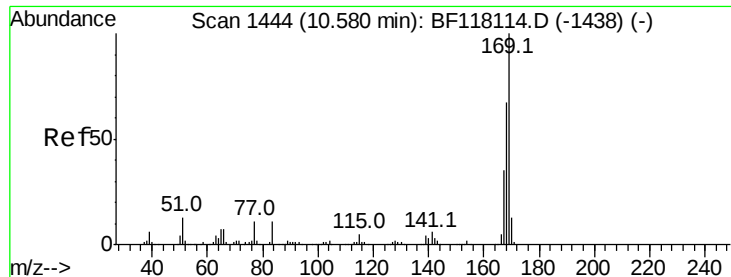
Tot Ion:149 Resp: 37732
Ion Ratio Lower Upper
149 100
177 25.6 17.0 25.4#
150 19.0 10.1 15.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:188 Resp: 265278
Ion Ratio Lower Upper
188 100
94 46.5 7.1 10.7#
80 48.0 7.9 11.9#

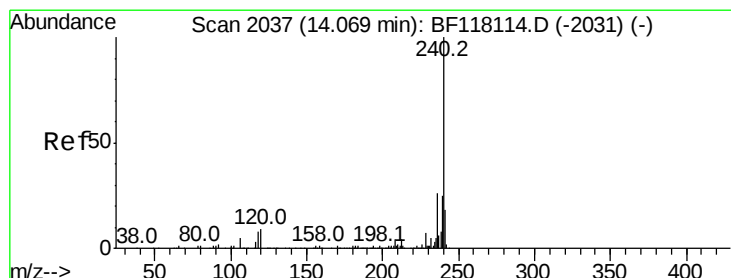
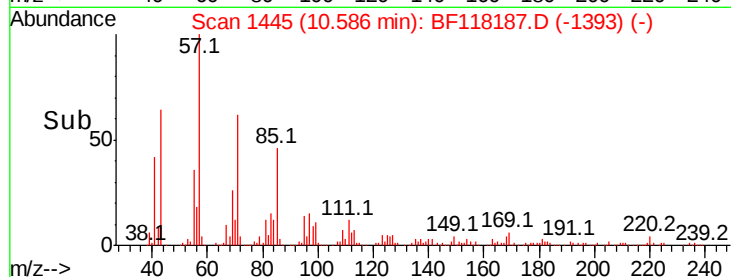
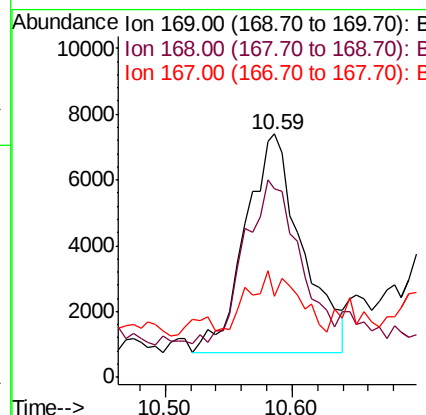
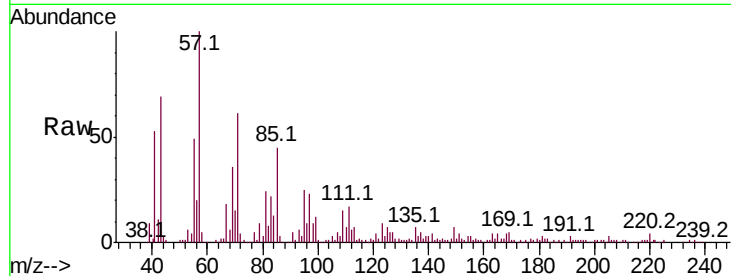




#66
n-Nitrosodiphenylamine
Concen: 2.476 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

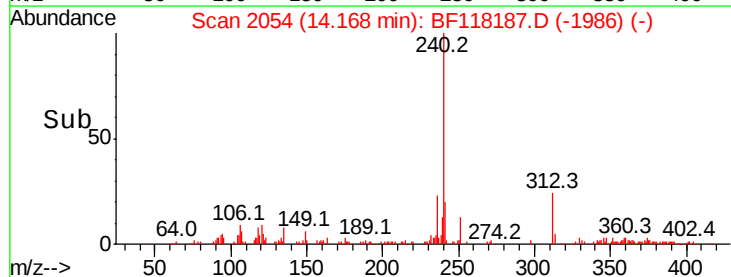
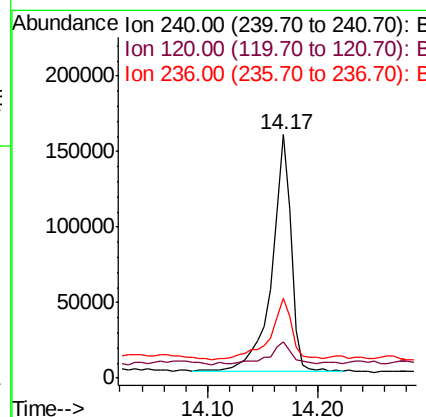
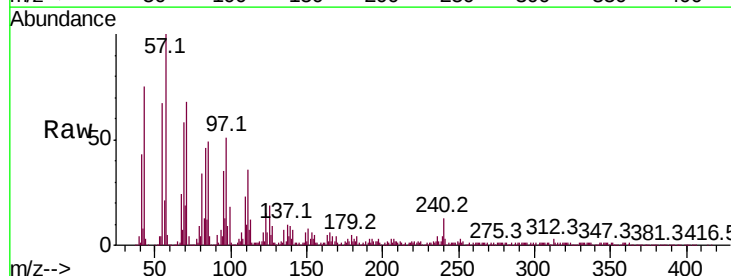
Instrument :
BNA_F
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OILY-WATER-DRUM

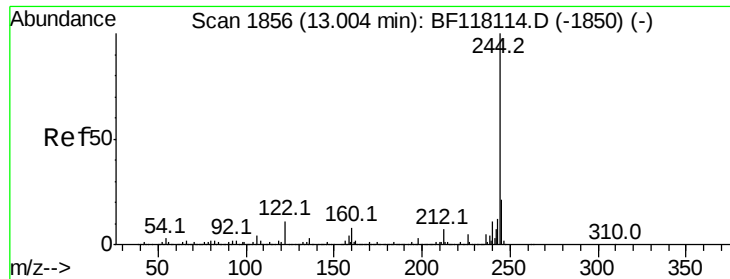
Tot Ion:169 Resp: 20509
Ion Ratio Lower Upper
169 100
168 77.2 53.4 80.2
167 33.3 28.4 42.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.10 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:240 Resp: 193400
Ion Ratio Lower Upper
240 100
120 15.0 7.1 10.7#
236 32.8 21.0 31.6#





#79

Terphenyl-d14

Concen: 53.685 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.09 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-DRUM

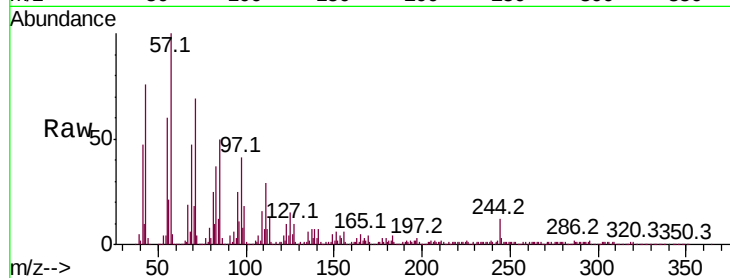
Tot Ion:244 Resp: 603780

Ion Ratio Lower Upper

244 100

212 8.9 5.9 8.9

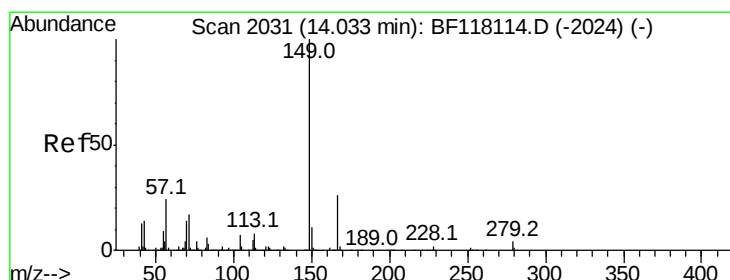
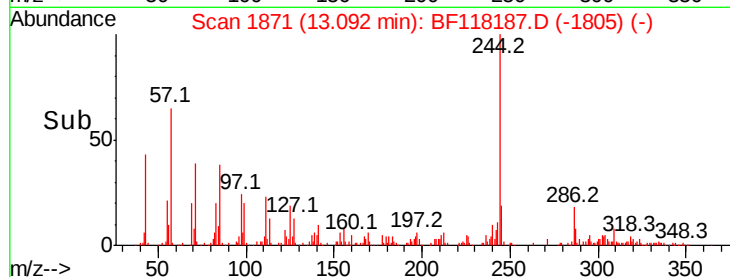
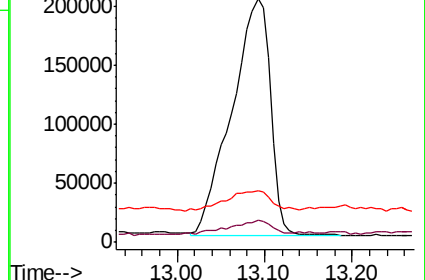
122 21.1 9.0 13.6#



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: 87.128 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.07 min

Lab File: BF118187.D

Acq: 13 Dec 2019 15:43

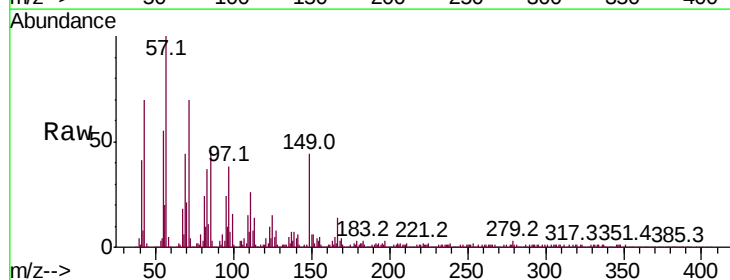
Tgt Ion:149 Resp: 792991

Ion Ratio Lower Upper

149 100

167 30.8 20.8 31.2

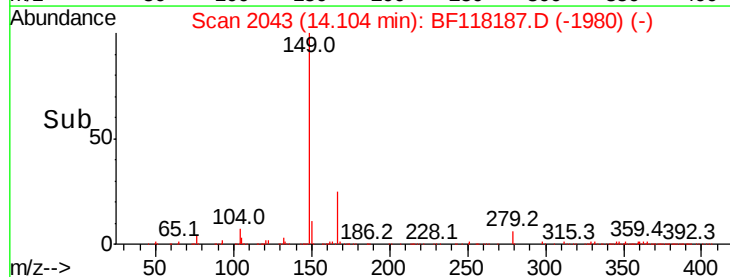
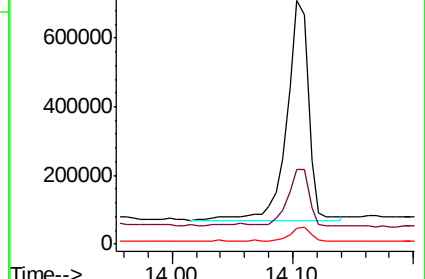
279 6.7 2.9 4.3#

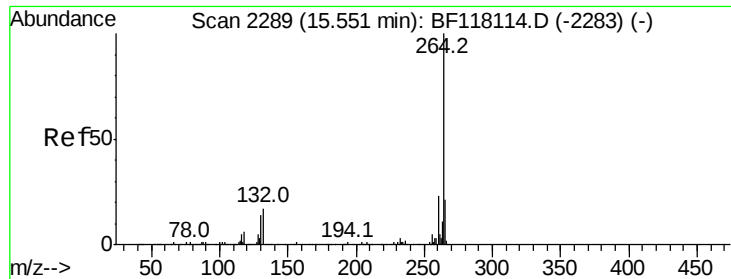


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.08 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	23.5	16.8	25.2

