

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115246.D
 Acq On : 27 Jun 2019 20:55
 Operator : HP/JU
 Sample : K3529-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 28 06:57:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

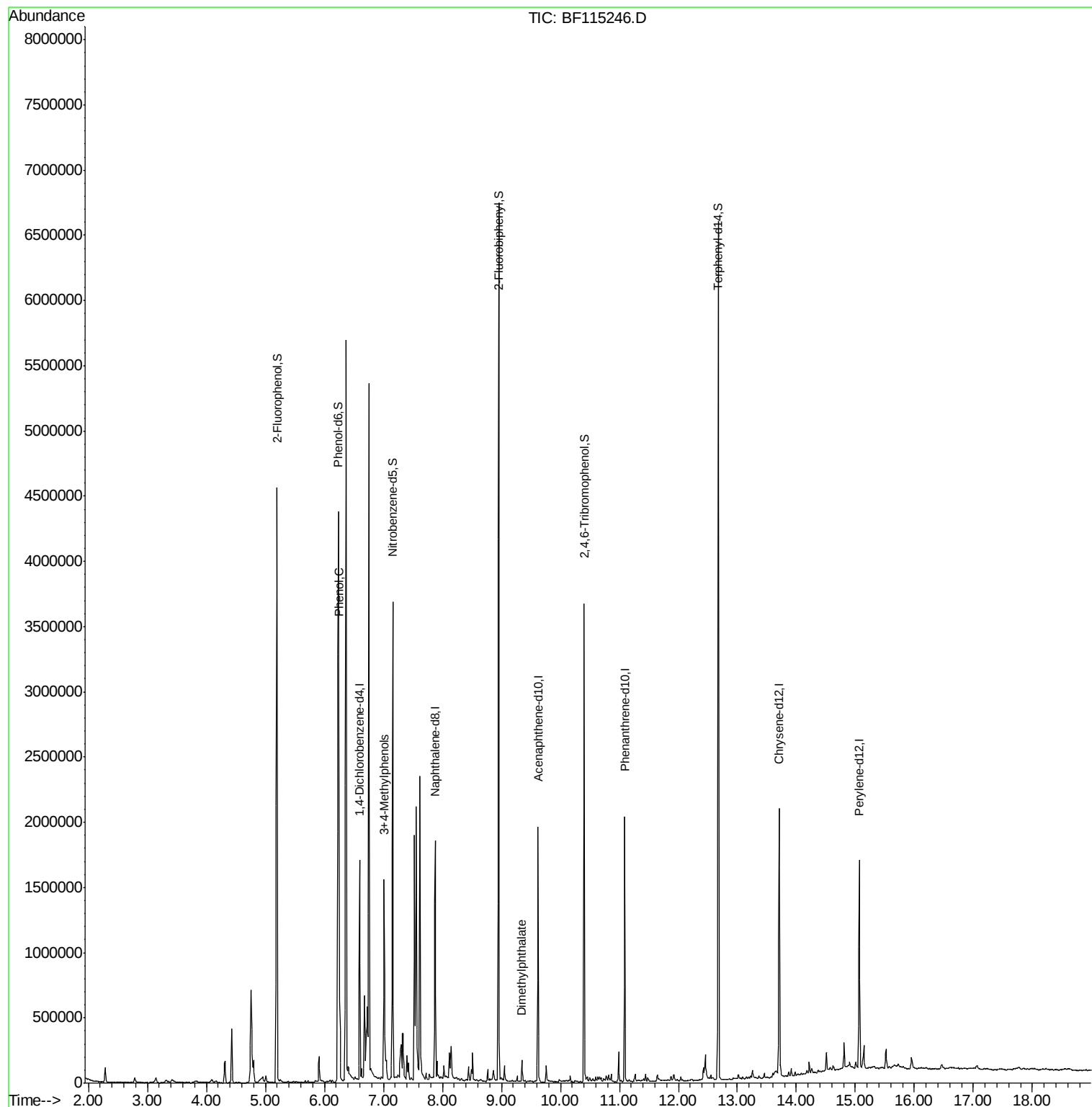
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	221786	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	768055	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	377126	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	751807	20.00	ng	0.00
76) Chrysene-d12	13.71	240	658398	20.00	ng	-0.01
87) Perylene-d12	15.07	264	705665	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1443383	100.43	ng	0.00
7) Phenol-d6	6.24	99	1743231	99.93	ng	0.00
23) Nitrobenzene-d5	7.16	82	1200948	96.19	ng	0.00
42) 2,4,6-Tribromophenol	10.40	330	447197	112.45	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2064581	92.99	ng	0.00
79) Terphenyl-d14	12.68	244	2404459	77.65	ng	0.00
Target Compounds						
10) Phenol	6.25	94	425534	20.825	ng	86
20) 3+4-Methylphenols	7.01	107	374904	24.340	ng	# 59
50) Dimethylphthalate	9.35	163	64637	2.330	ng	96

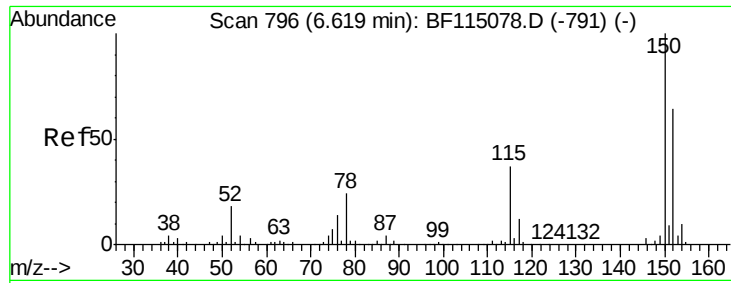
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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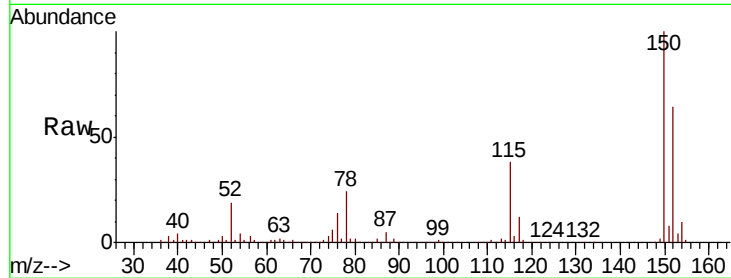


#1

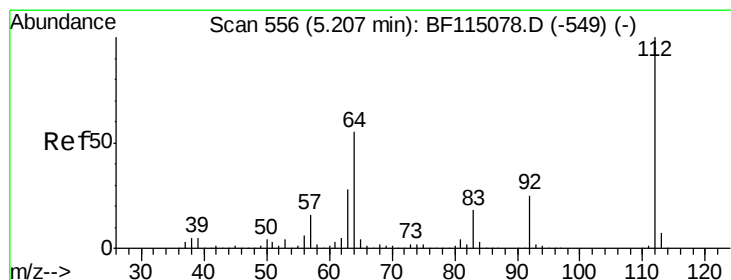
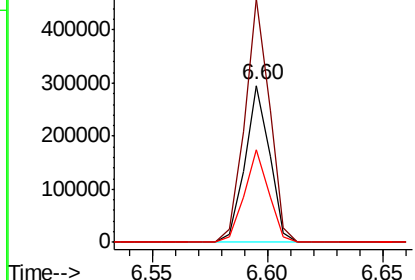
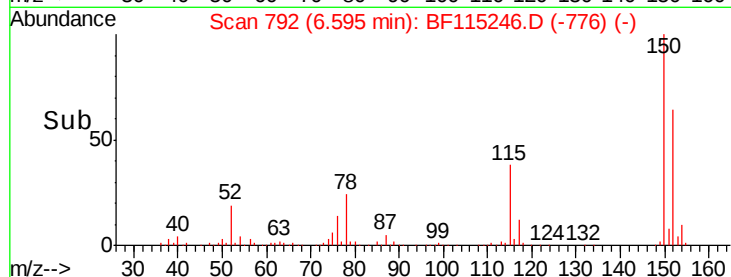
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115246.D
Acq: 27 Jun 2019 20:55

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

Tot Ion:152 Resp: 221786
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 59.3 46.1 69.1



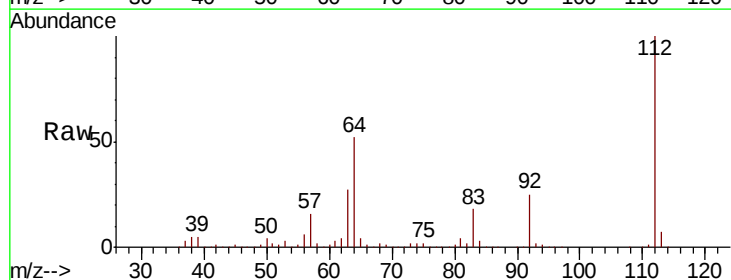
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



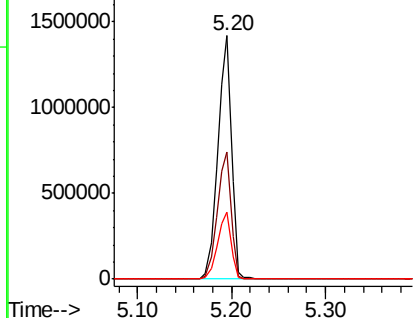
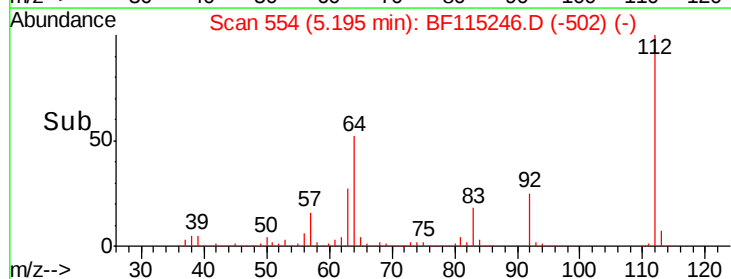
#5

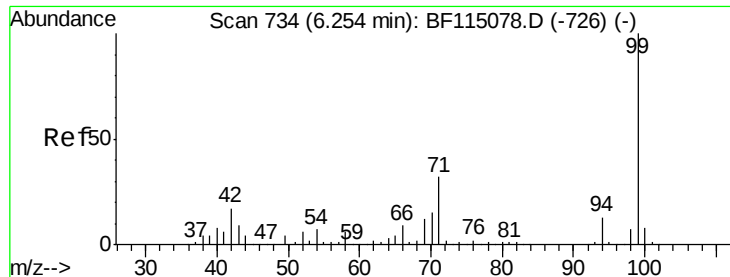
2-Fluorophenol
Concen: 100.429 ng
RT: 5.20 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF115246.D
Acq: 27 Jun 2019 20:55

Tgt Ion:112 Resp: 1443383
Ion Ratio Lower Upper
112 100
64 52.5 43.8 65.6
63 27.3 22.2 33.4



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: 99.932 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

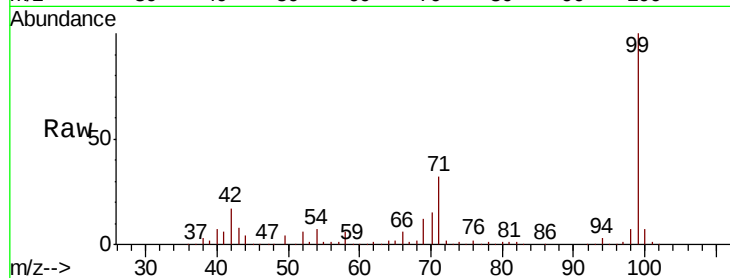
Tot Ion: 99 Resp: 1743231

Ion Ratio Lower Upper

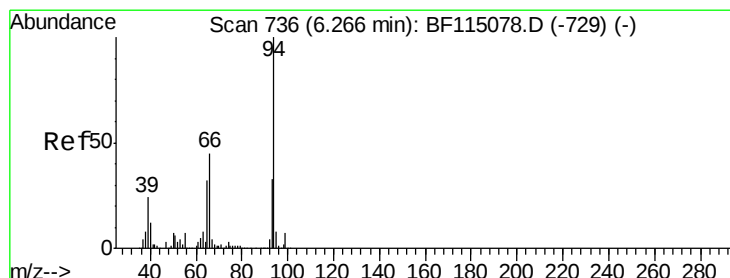
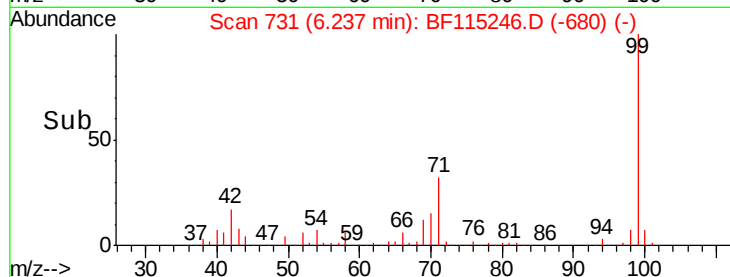
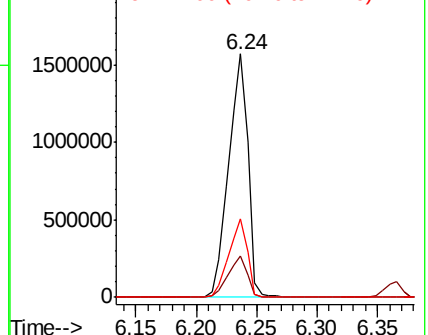
99 100

42 17.0 13.6 20.4

71 32.2 25.5 38.3



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: 20.825 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

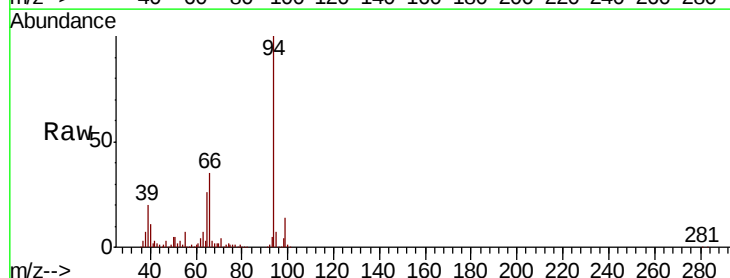
Tgt Ion: 94 Resp: 425534

Ion Ratio Lower Upper

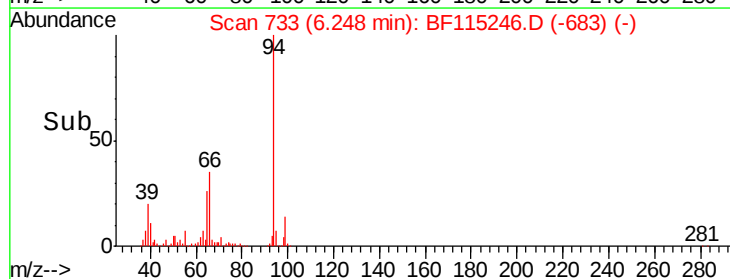
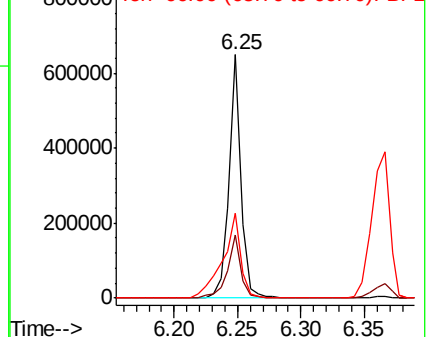
94 100

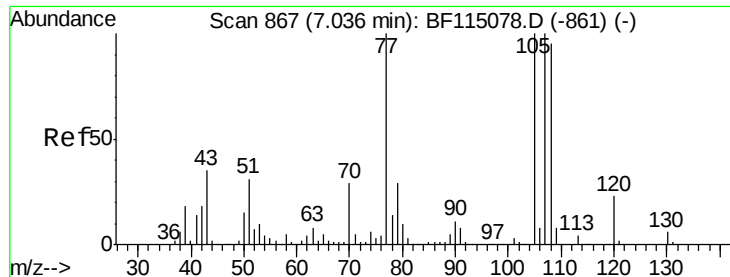
65 26.1 11.9 51.9

66 34.7 25.2 65.2



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





#20

3+4-Methylphenols

Concen: 24.340 ng

RT: 7.01 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

Tot Ion:107 Resp: 374904

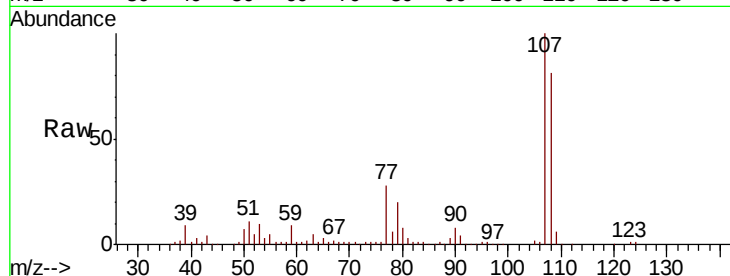
Ion Ratio Lower Upper

107 100

108 81.2 75.5 115.5

77 28.4 80.2 120.2#

79 19.7 9.5 49.5

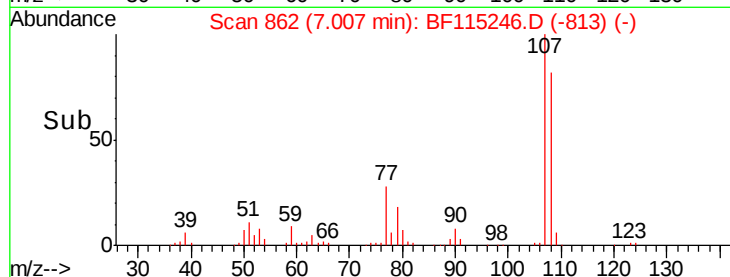


Abundance Ion 107.00 (106.70 to 107.70): E

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



Abundance

7.01

400000

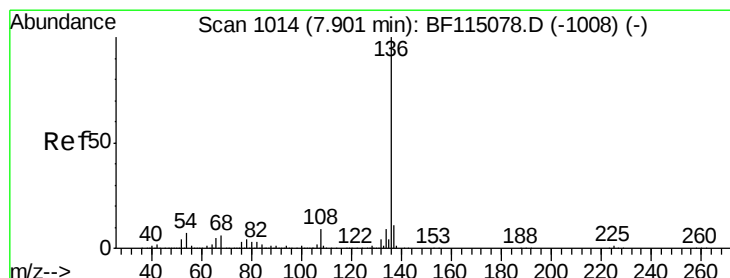
300000

200000

100000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

Tgt Ion:136 Resp: 768055

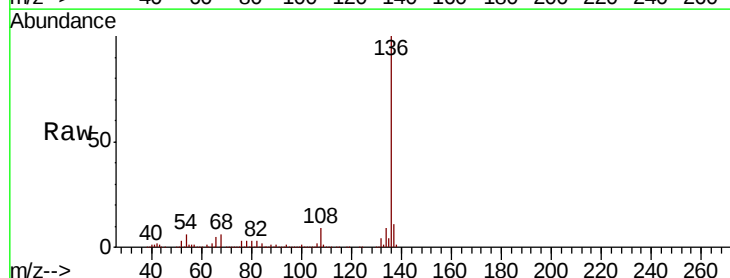
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 5.6 8.4

68 5.6 4.8 7.2

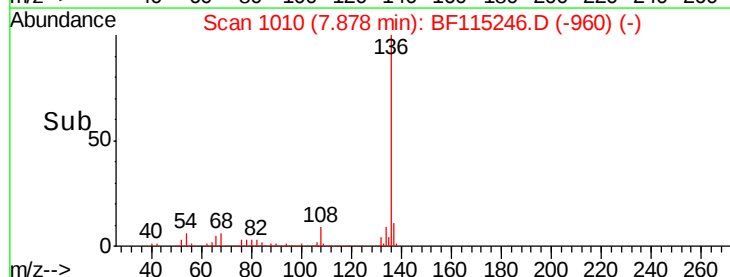


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.88

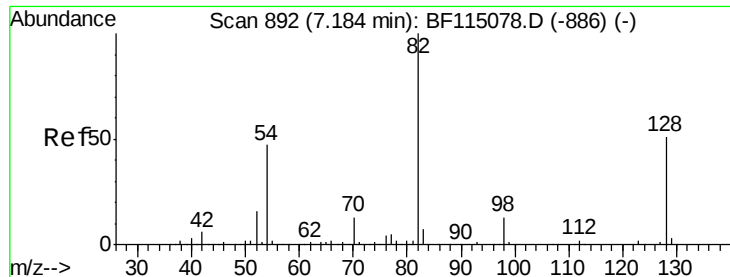
1500000

1000000

500000

0

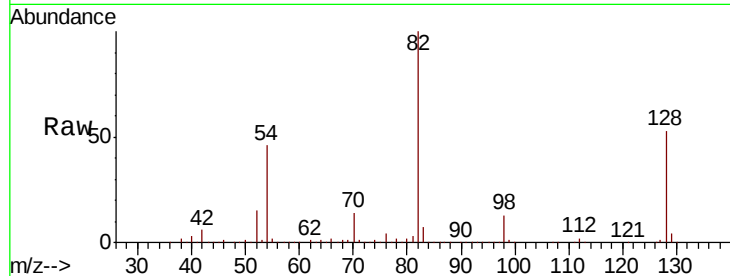
Time-->



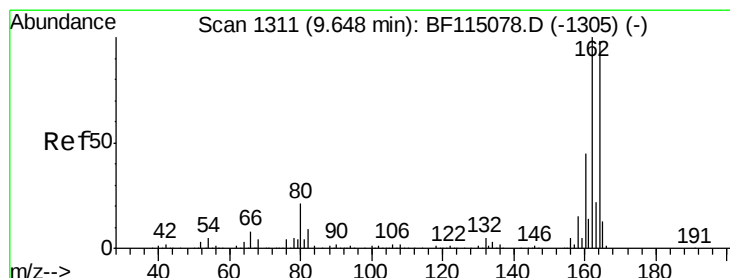
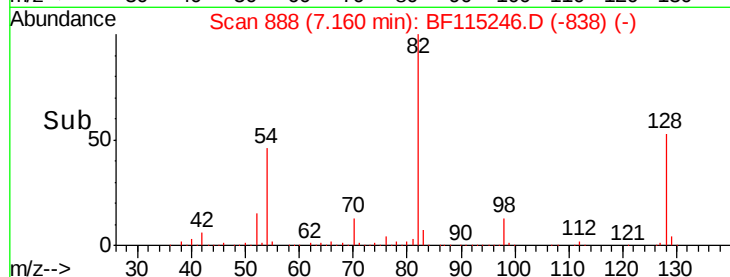
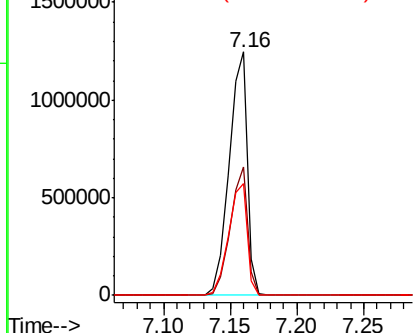
#23
Nitrobenzene-d5
Concen: 96.187 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115246.D
Acq: 27 Jun 2019 20:55

Instrument :
BNA_F
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OIL-WATER-SEPARATOR-SEDIME

Tot Ion: 82 Resp: 1200948
Ion Ratio Lower Upper
82 100
128 52.8 40.4 60.6
54 46.0 37.5 56.3

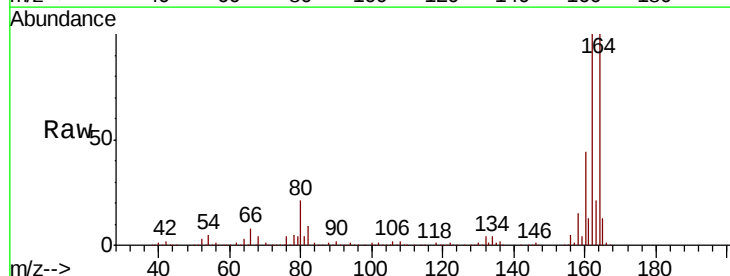


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

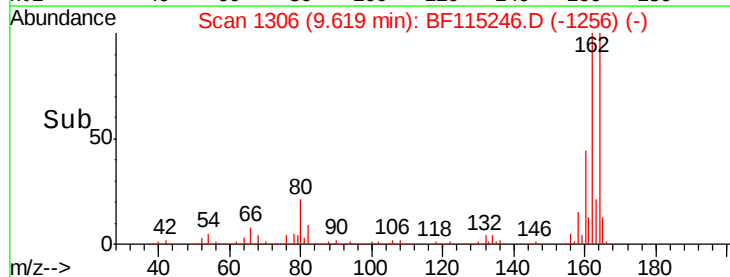
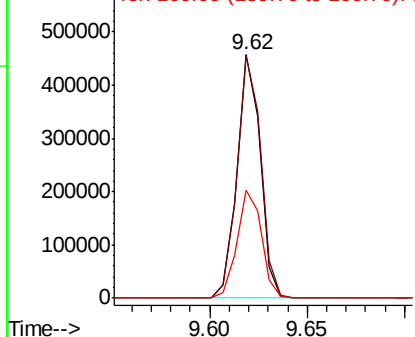


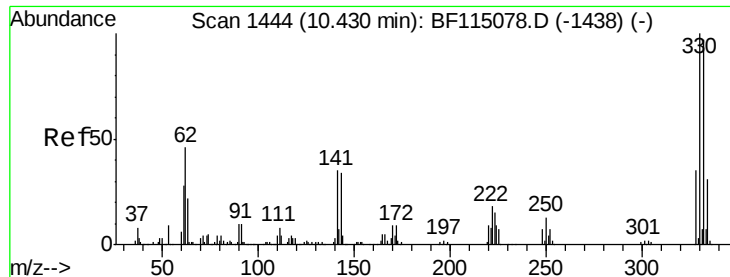
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF115246.D
Acq: 27 Jun 2019 20:55

Tgt Ion:164 Resp: 377126
Ion Ratio Lower Upper
164 100
162 99.5 81.7 122.5
160 44.1 37.0 55.4



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

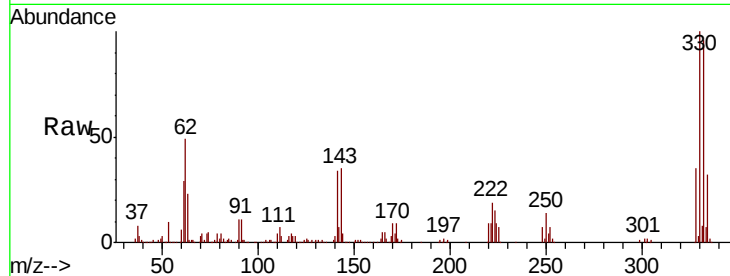




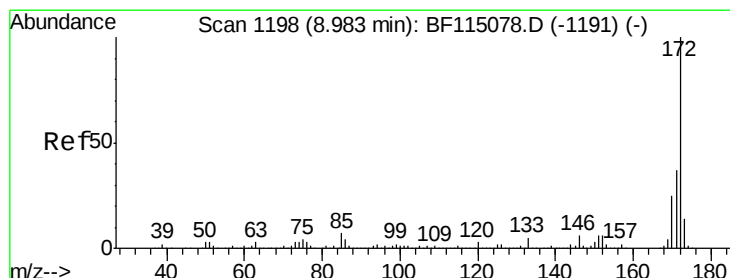
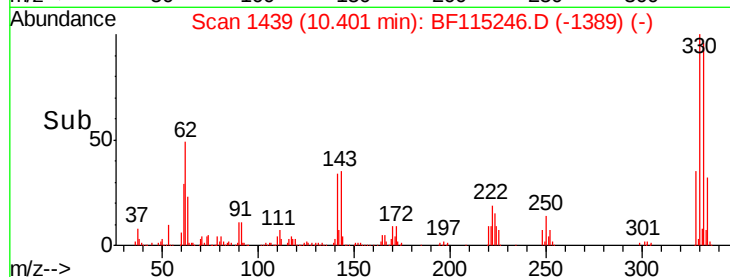
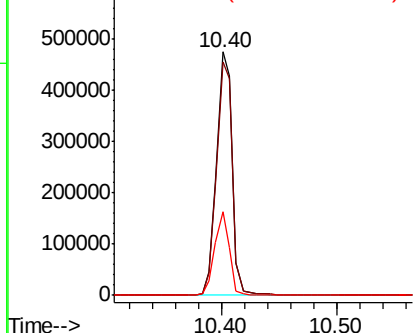
#42
 2,4,6-Tribromophenol
 Concen: 112.448 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF115246.D
 Acq: 27 Jun 2019 20:55

Instrument :
 BNA_F
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 OIL-WATER-SEPARATOR-SEDIME

Tot Ion:330 Resp: 447197
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 32.4 28.2 42.2

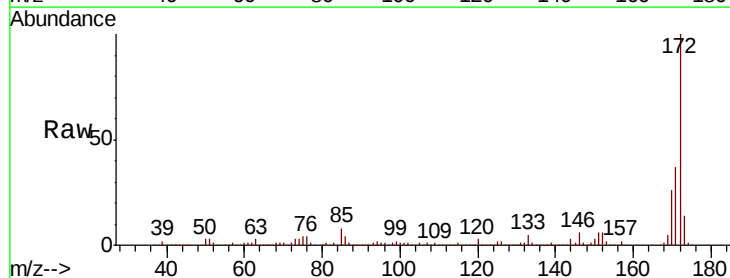


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

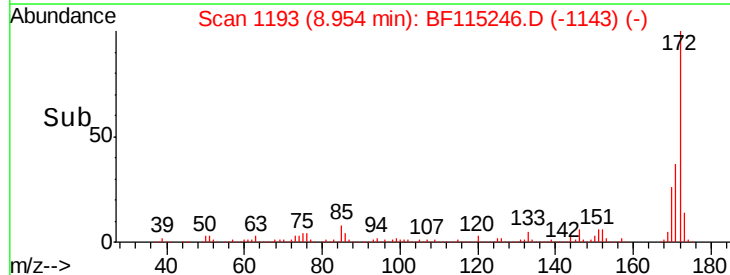
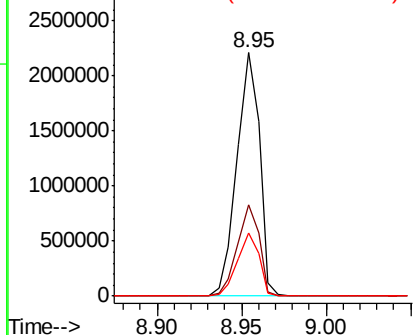


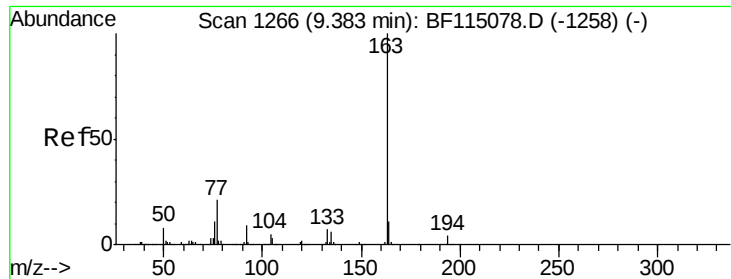
#45
 2-Fluorobiphenyl
 Concen: 92.991 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115246.D
 Acq: 27 Jun 2019 20:55

Tgt Ion:172 Resp: 2064581
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 20.3 30.5



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: 2.330 ng

RT: 9.35 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-SEDIME

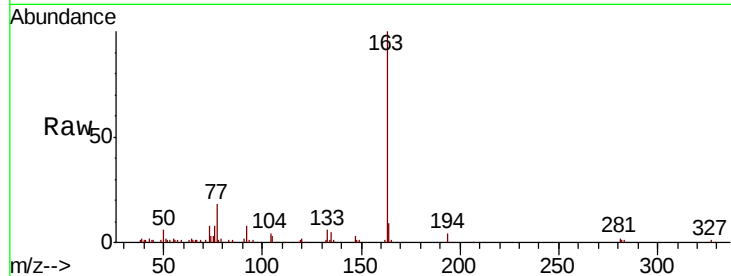
Tot Ion:163 Resp: 64637

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

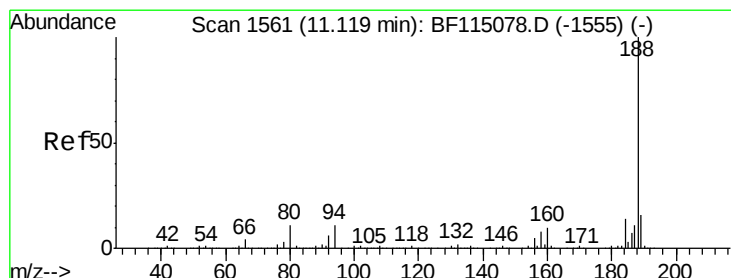
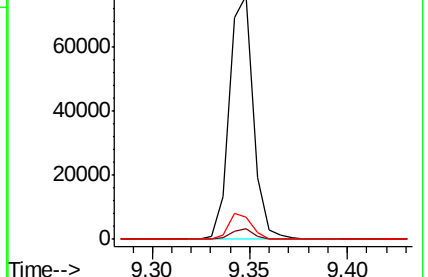
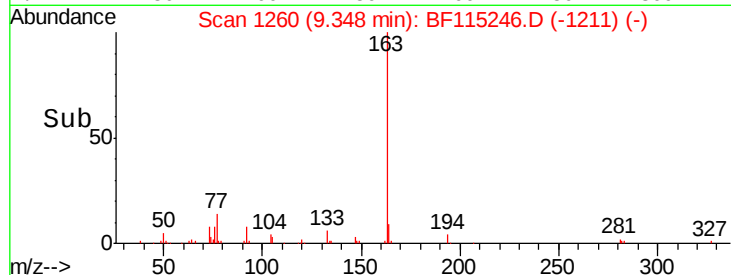
164 9.1 8.6 13.0



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: 11.09 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF115246.D

Acq: 27 Jun 2019 20:55

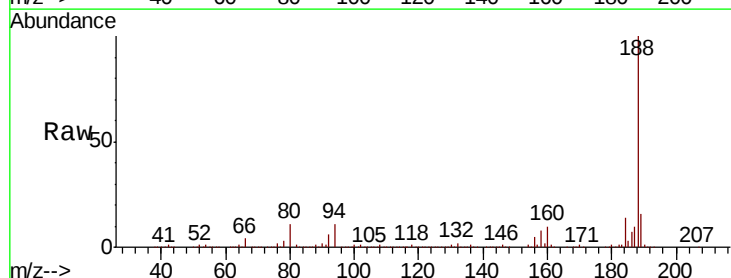
Tgt Ion:188 Resp: 751807

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

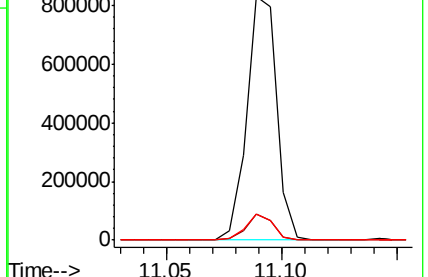
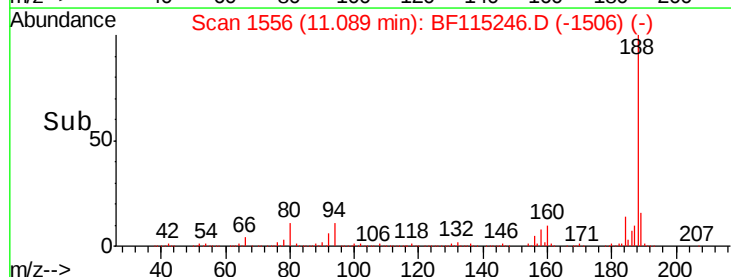
80 10.9 8.8 13.2

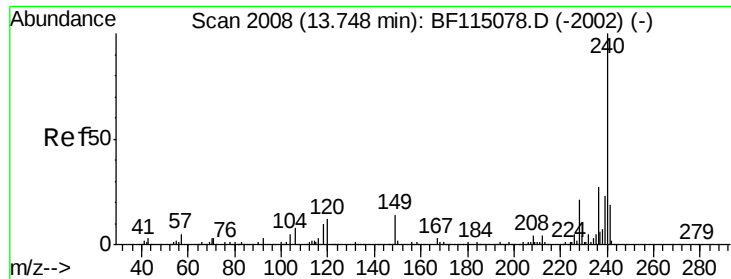


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

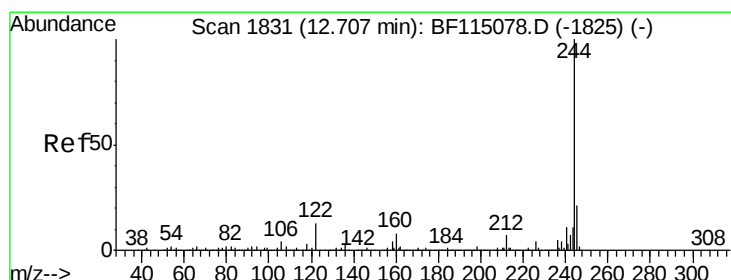
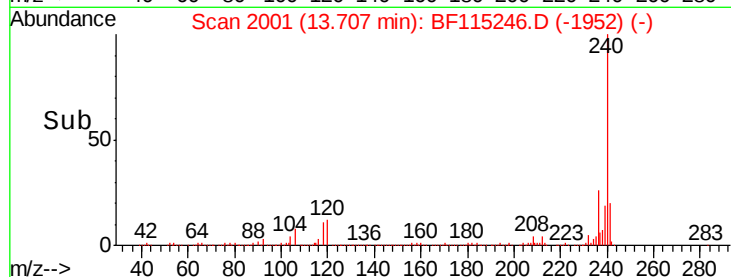
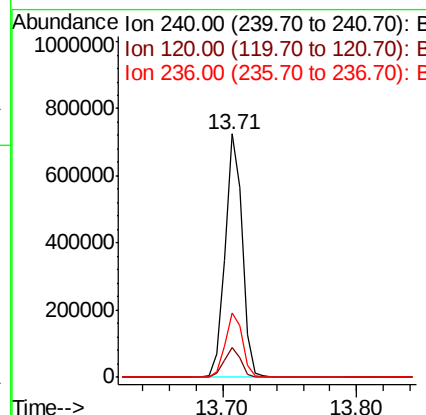
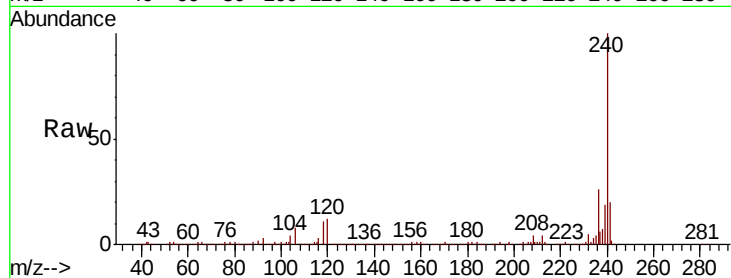




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF115246.D
 Acq: 27 Jun 2019 20:55

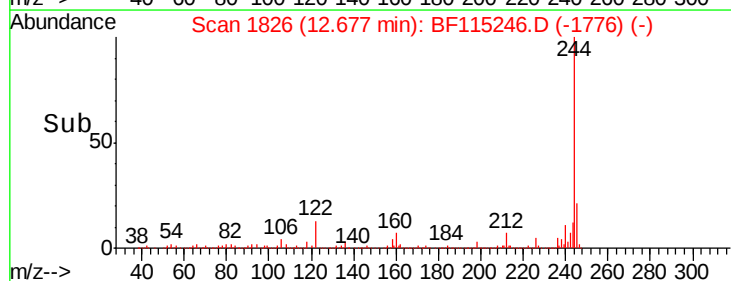
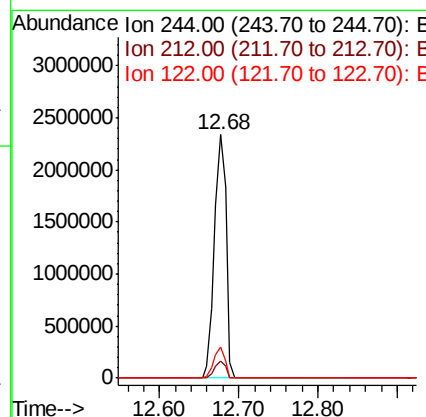
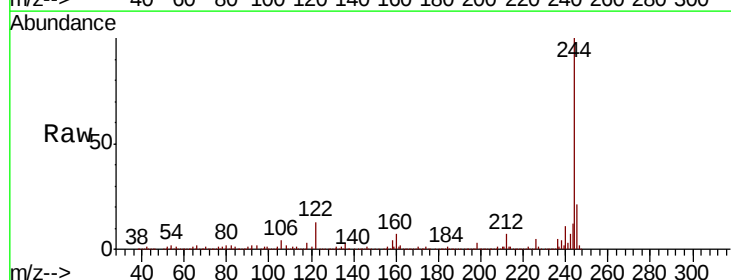
Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR-SEDIME

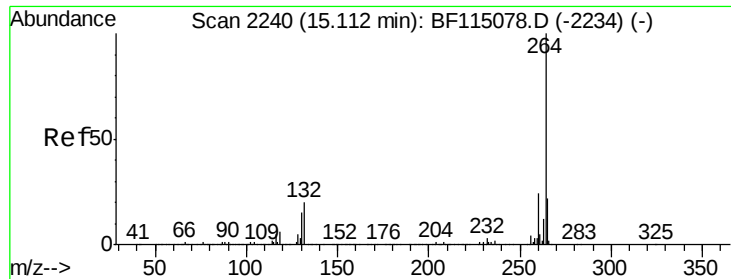
Tot Ion:240 Resp: 658398
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.4 14.2
 236 26.5 21.7 32.5



#79
 Terphenyl-d14
 Concen: 77.647 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115246.D
 Acq: 27 Jun 2019 20:55

Tgt Ion:244 Resp: 2404459
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 12.8 10.4 15.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.07 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF115246.D
Acq: 27 Jun 2019 20:55

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.9	17.3	25.9

