

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119563.D
 Acq On : 27 Mar 2020 12:15
 Operator : CG/JU
 Sample : L2033-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR

Quant Time: Mar 27 13:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

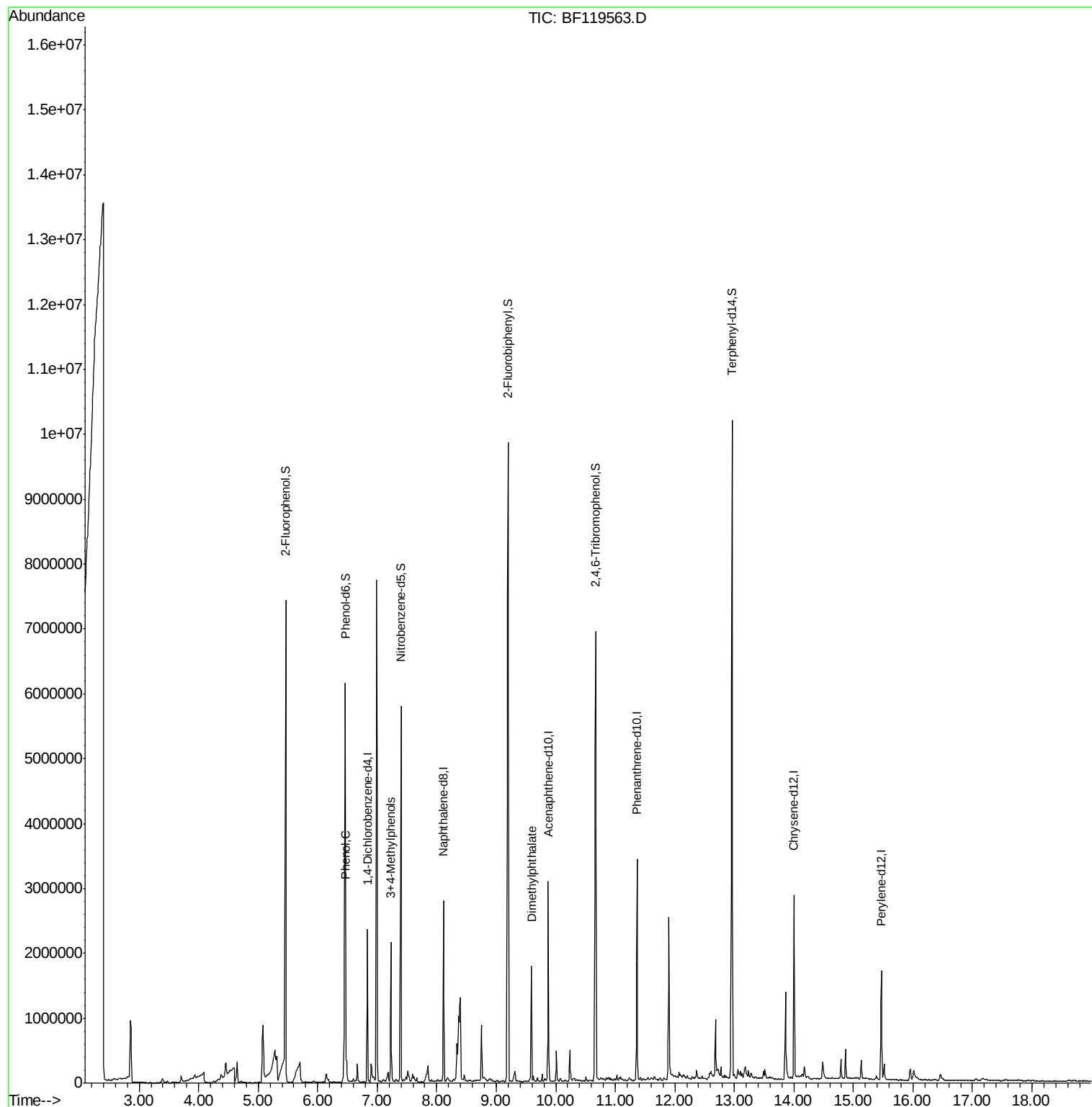
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	306236	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1178535	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	640955	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1258452	20.00	ng	0.00
76) Chrysene-d12	14.00	240	955505	20.00	ng	-0.01
87) Perylene-d12	15.47	264	781571	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2101128	109.22	ng	0.02
7) Phenol-d6	6.46	99	2297288	93.48	ng	0.00
23) Nitrobenzene-d5	7.40	82	1940956	89.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	987324	149.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3633791	83.99	ng	0.00
79) Terphenyl-d14	12.96	244	4193558	85.99	ng	0.00
Target Compounds						
10) Phenol	6.47	94	84095	3.207	ng	89
20) 3+4-Methylphenols	7.23	107	540039	23.804	ng	# 76
50) Dimethylphthalate	9.59	163	742465	16.308	ng	100

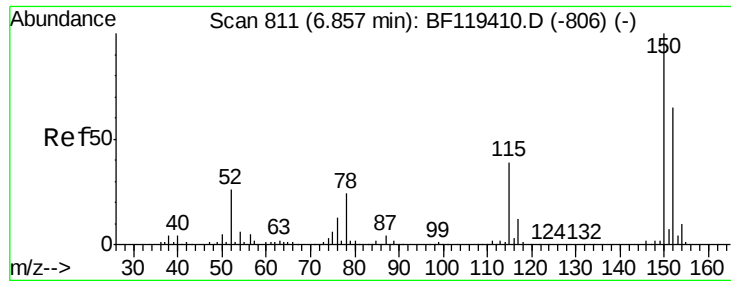
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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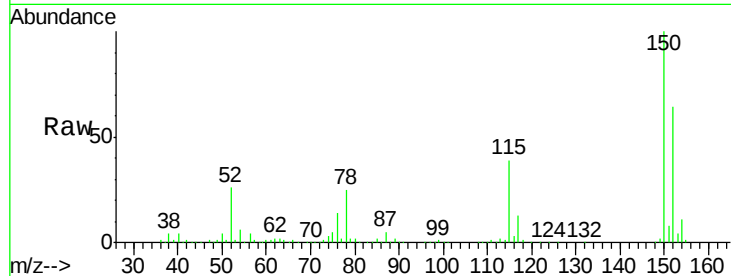


#1

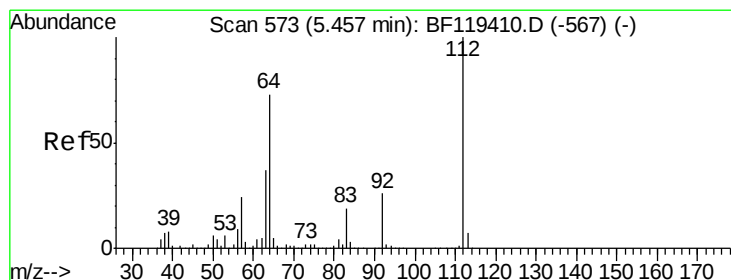
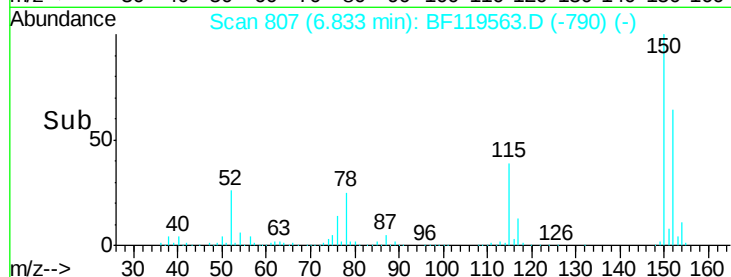
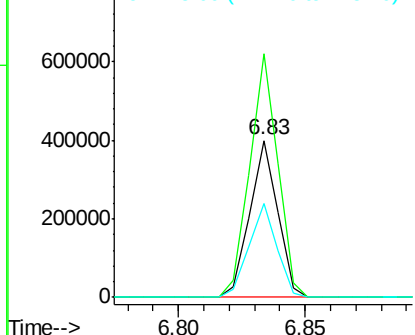
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:152 Resp: 306236
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 59.8 49.6 74.4



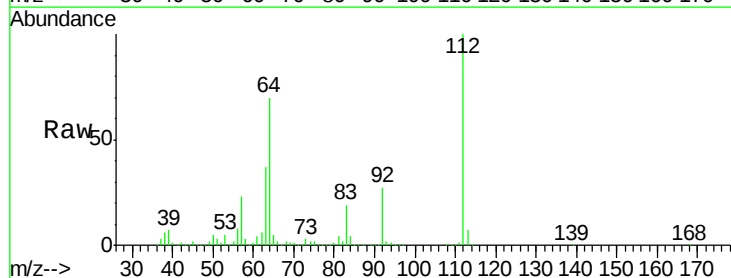
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



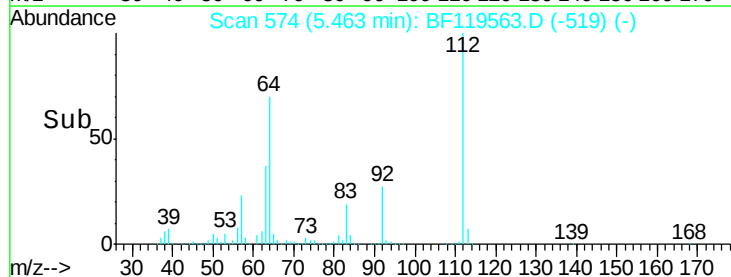
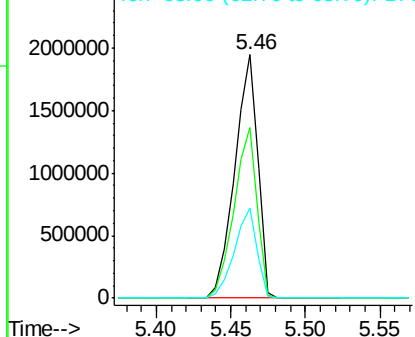
#5

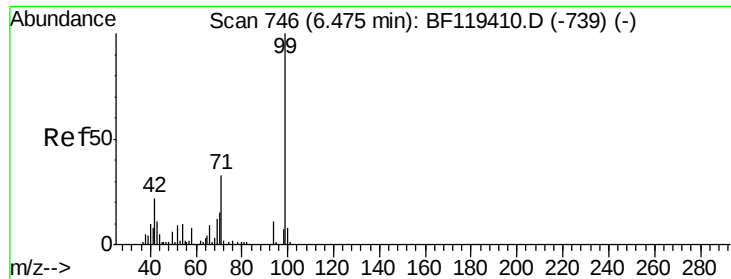
2-Fluorophenol
Concen: 109.223 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Tgt Ion:112 Resp: 2101128
Ion Ratio Lower Upper
112 100
64 69.9 56.7 85.1
63 37.0 29.5 44.3



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: 93.484 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119563.D

Acq: 27 Mar 2020 12:15

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR

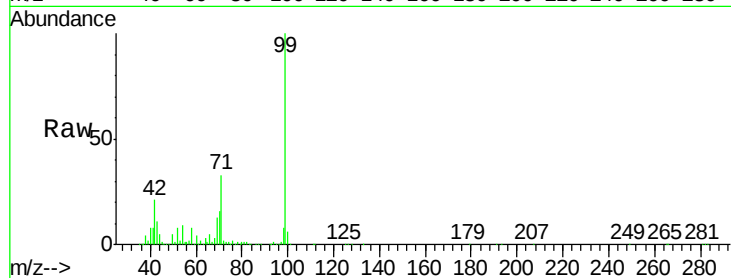
Tot Ion: 99 Resp: 2297288

Ion Ratio Lower Upper

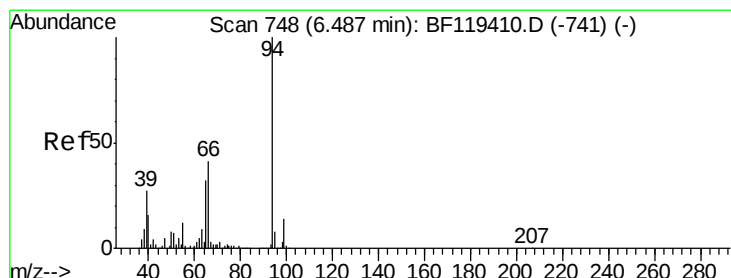
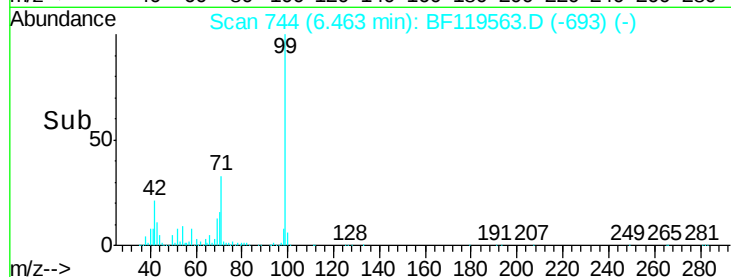
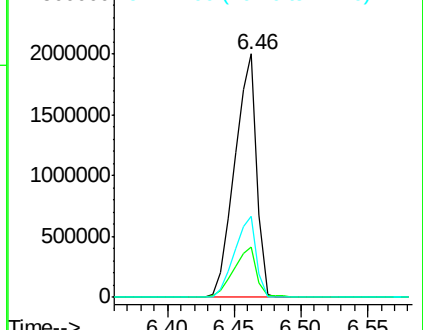
99 100

42 20.7 16.6 24.8

71 33.4 26.4 39.6



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: 3.207 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119563.D

Acq: 27 Mar 2020 12:15

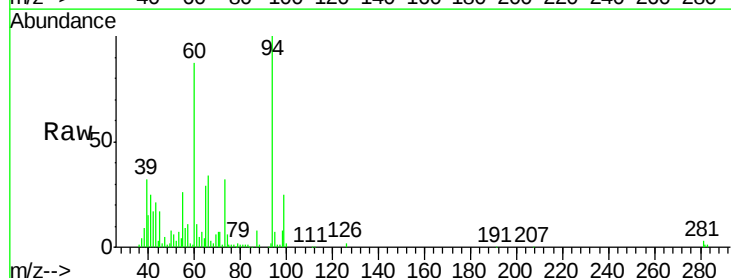
Tgt Ion: 94 Resp: 84095

Ion Ratio Lower Upper

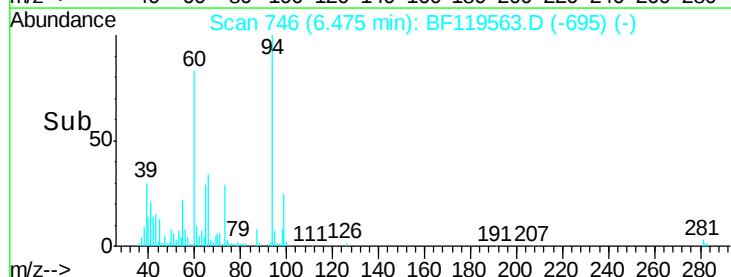
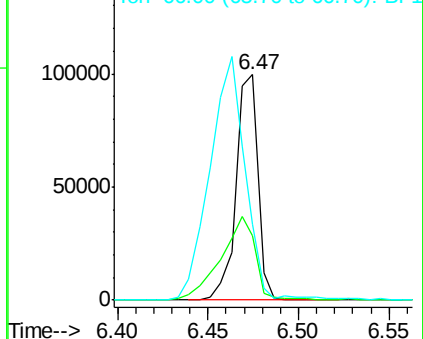
94 100

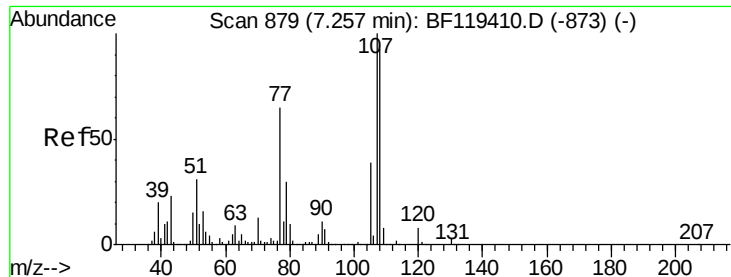
65 28.6 13.2 53.2

66 33.8 22.3 62.3



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

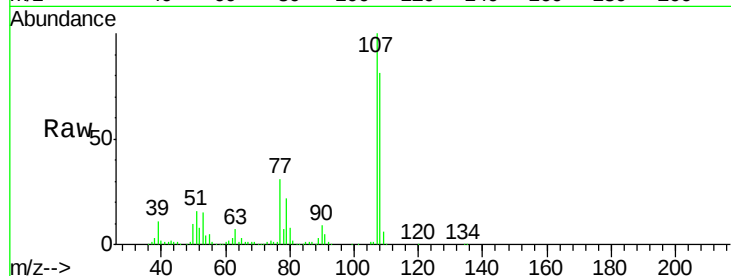




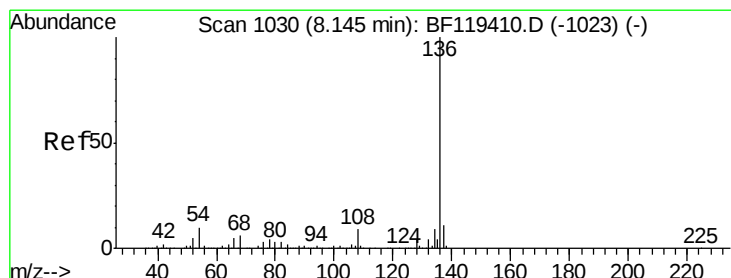
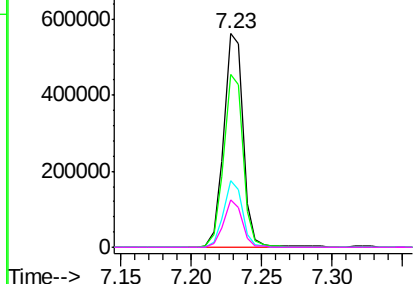
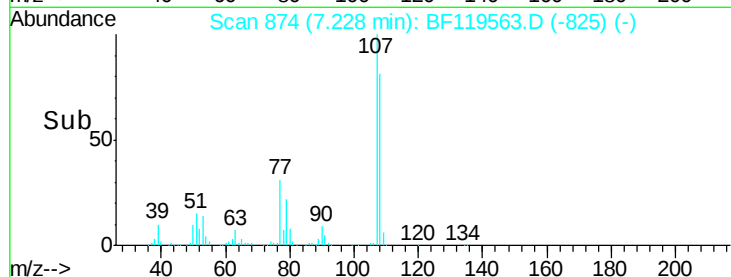
#20
3+4-Methylphenols
Concen: 23.804 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:	107	Resp:	540039
Ion	Ratio	Lower	Upper
107	100		
108	81.1	67.9	107.9
77	31.0	52.9	92.9#
79	22.2	7.7	47.7

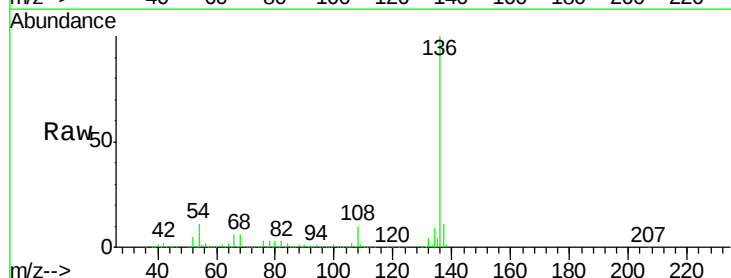


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

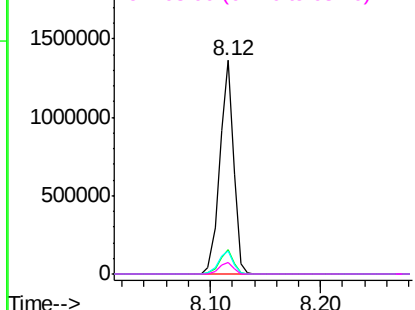
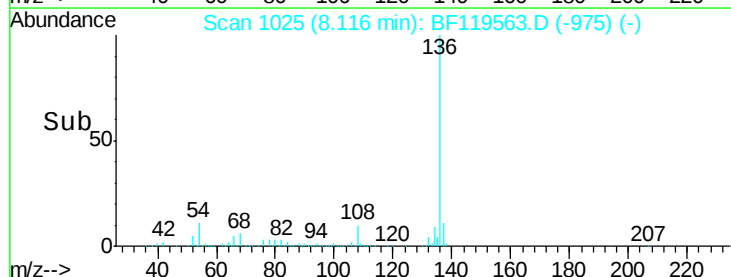


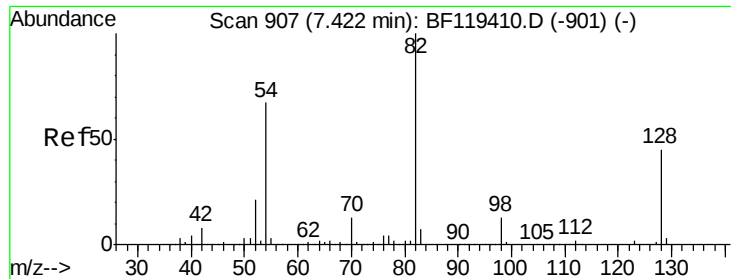
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Tgt Ion:	136	Resp:	1178535
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.6	9.1	13.7
68	5.6	4.6	6.8



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

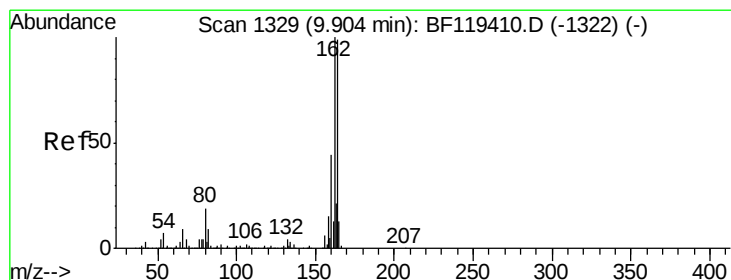
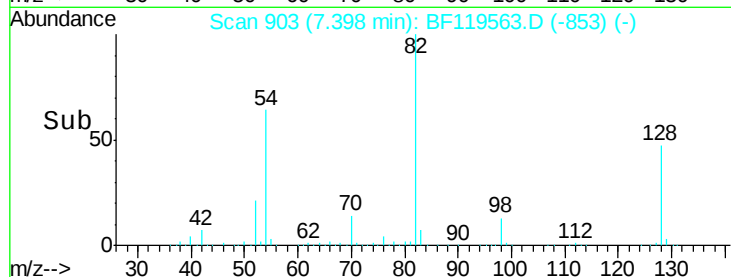
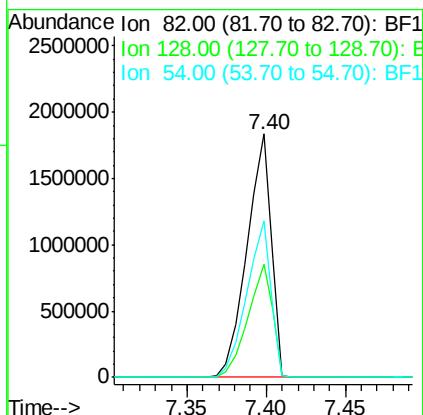
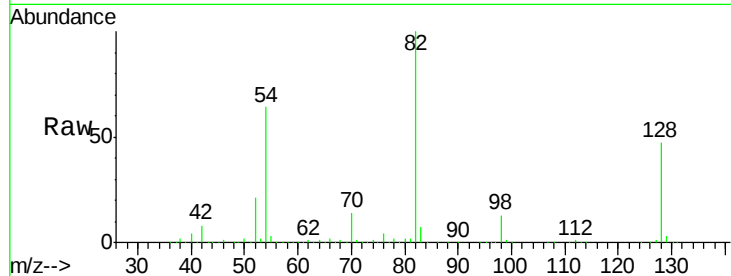




#23
Nitrobenzene-d5
Concen: 89.507 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

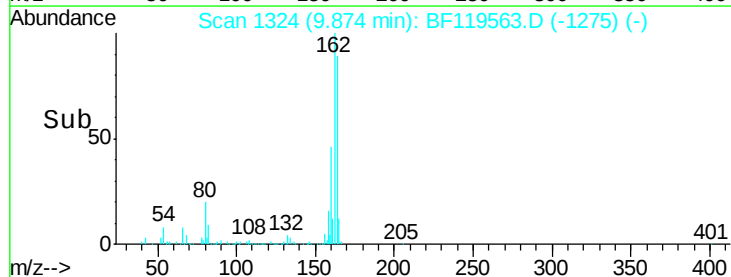
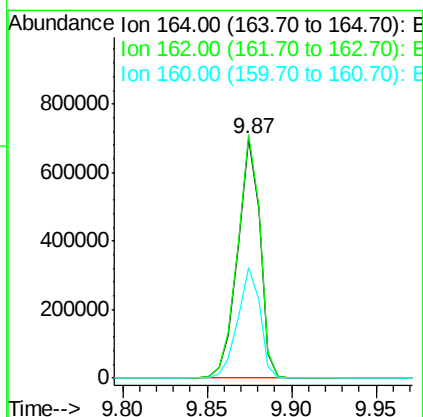
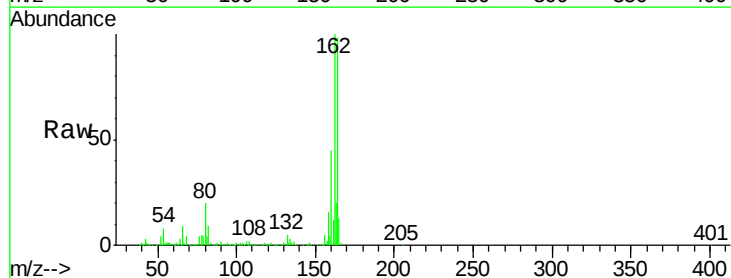
Instrument :
BNA_F
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OIL-WATER-SEPARATOR

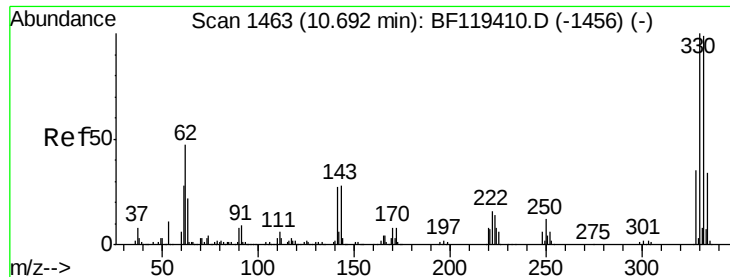
Tot Ion: 82 Resp: 1940956
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 64.5 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Tgt Ion: 164 Resp: 640955
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 46.2 35.7 53.5

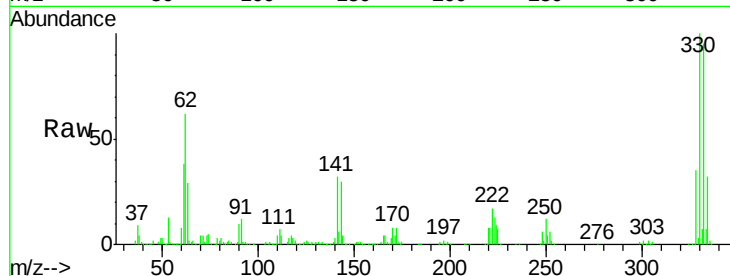




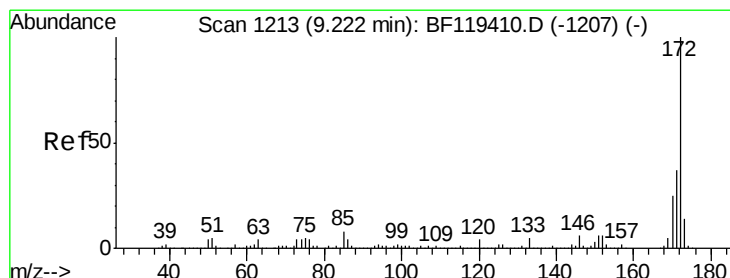
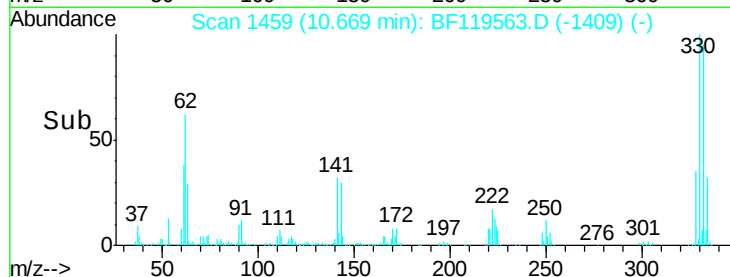
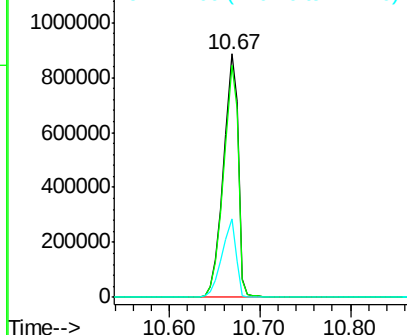
#42
 2,4,6-Tribromophenol
 Concen: 149.312 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119563.D
 Acq: 27 Mar 2020 12:15

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:330 Resp: 987324
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 30.9 25.4 38.0

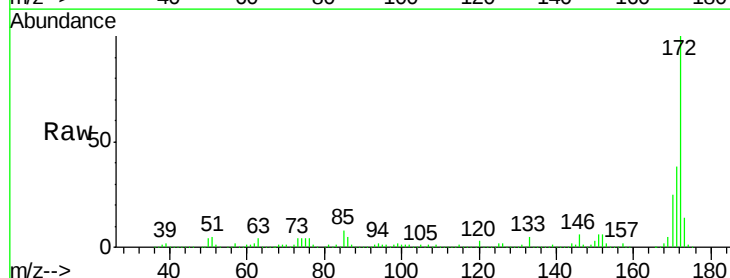


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

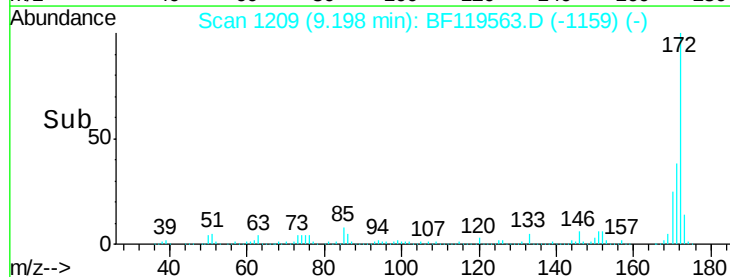
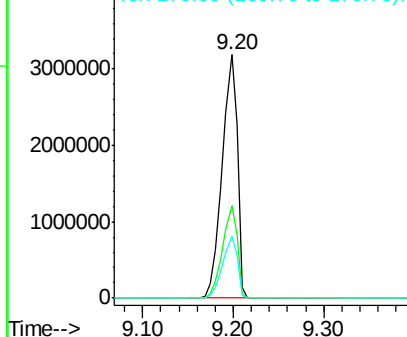


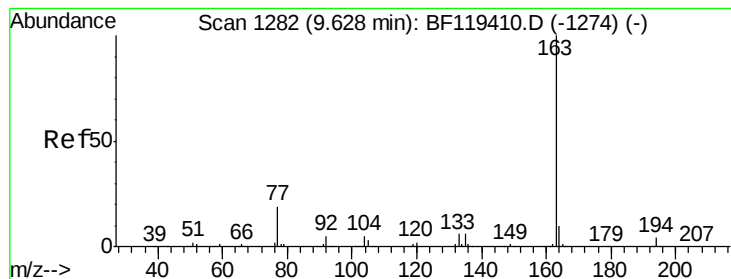
#45
 2-Fluorobiphenyl
 Concen: 83.990 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119563.D
 Acq: 27 Mar 2020 12:15

Tgt Ion:172 Resp: 3633791
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 25.2 20.2 30.2



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: 16.308 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119563.D

Acq: 27 Mar 2020 12:15

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR

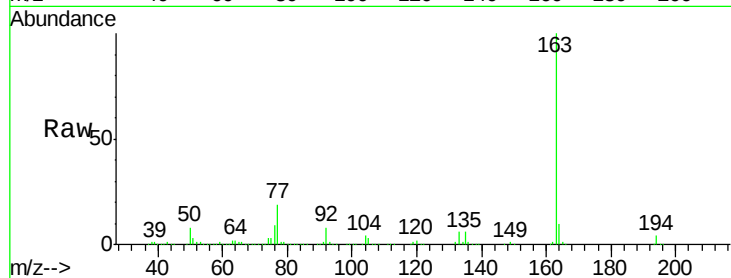
Tot Ion:163 Resp: 742465

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

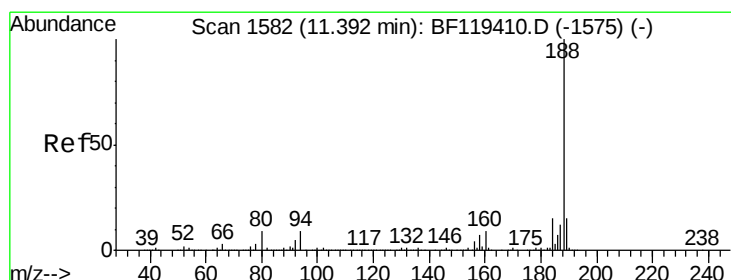
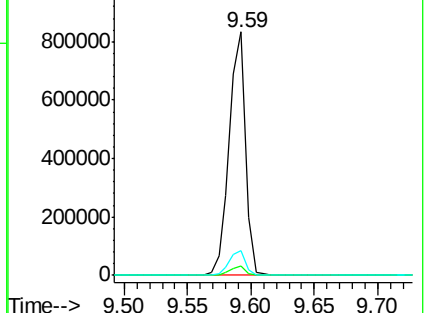
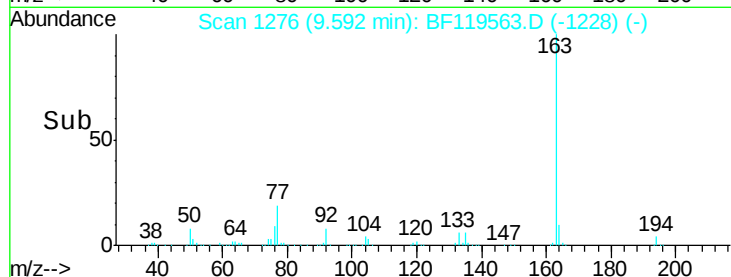
164 10.0 8.2 12.2



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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119563.D

Acq: 27 Mar 2020 12:15

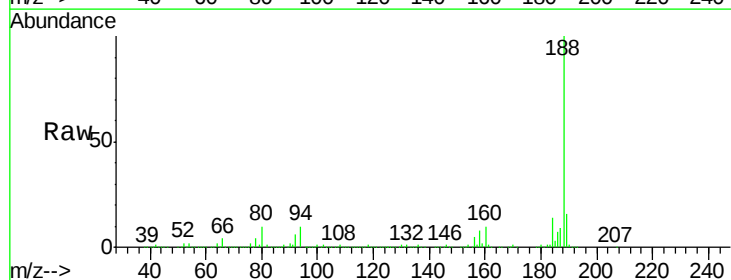
Tgt Ion:188 Resp: 1258452

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

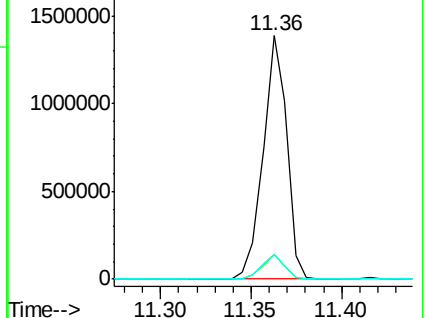
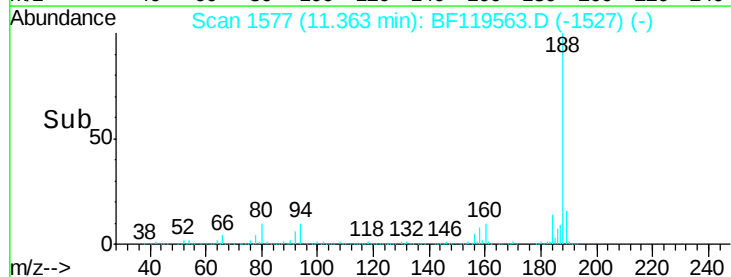
80 10.3 9.0 13.4

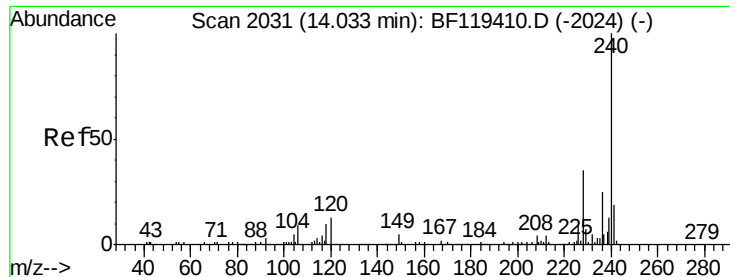


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

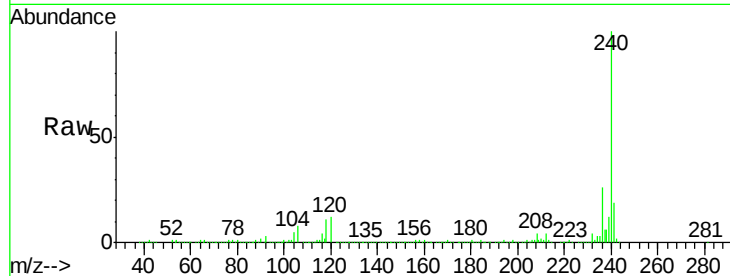




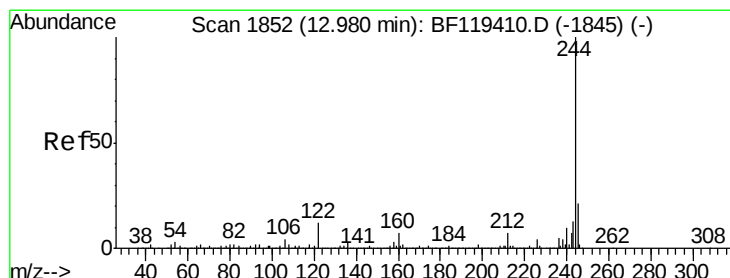
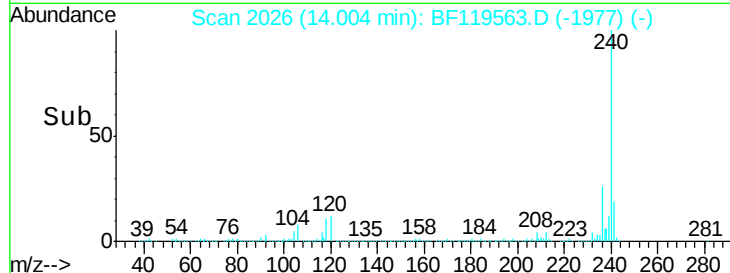
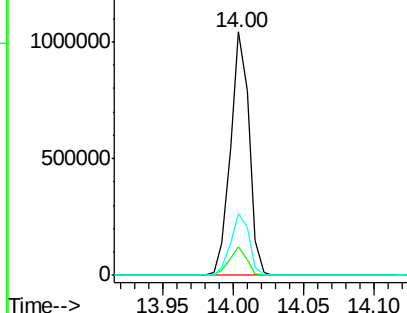
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR

Tot Ion:240 Resp: 955505
Ion Ratio Lower Upper
240 100
120 11.6 10.6 15.8
236 25.6 20.2 30.2

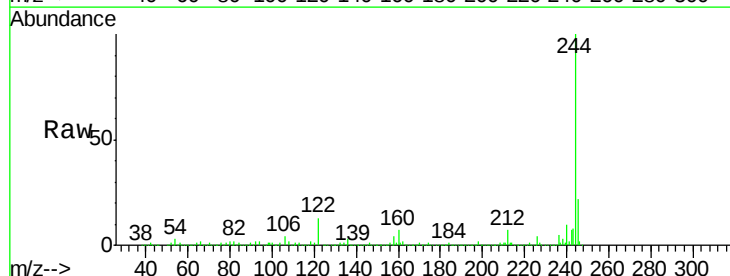


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

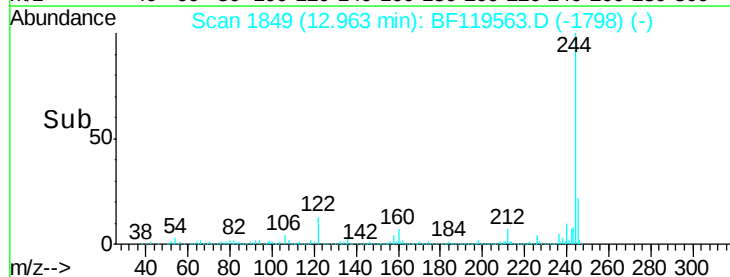
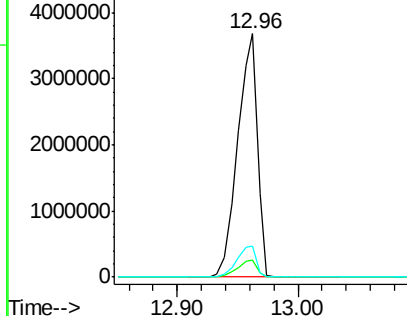


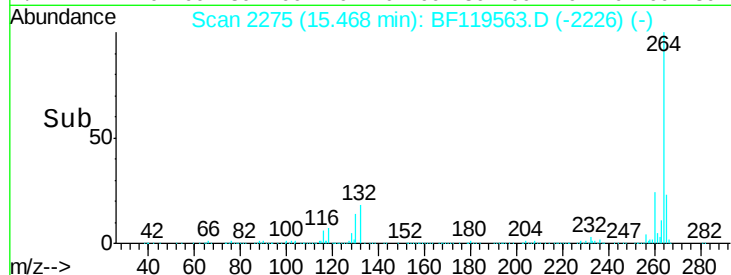
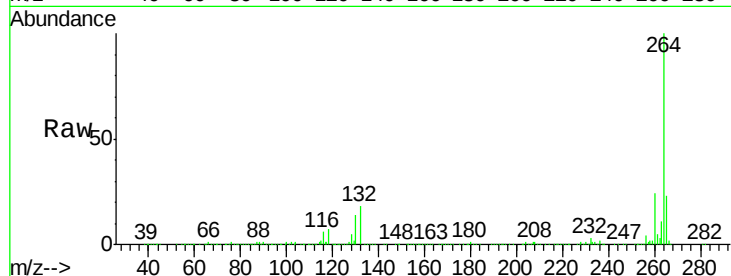
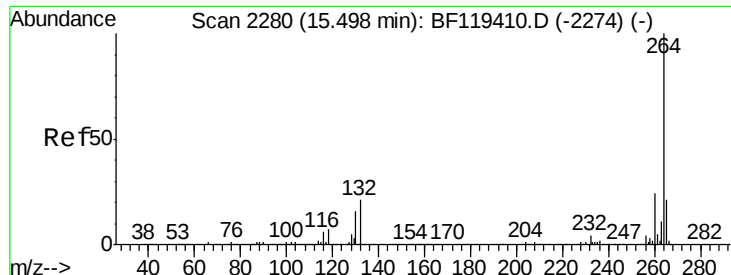
#79
Terphenyl-d14
Concen: 85.987 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119563.D
Acq: 27 Mar 2020 12:15

Tgt Ion:244 Resp: 4193558
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.8 10.3 15.5



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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF119563.D
 Acq: 27 Mar 2020 12:15

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPARATOR

Tot Ion:	264	Resp:	781571
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	22.8	17.7	26.5

