

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114416.D
 Acq On : 19 May 2019 3:38
 Operator : JU/SJ
 Sample : K2899-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-WATER-SEPERATOR(OWS)-4

Quant Time: May 20 08:25:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

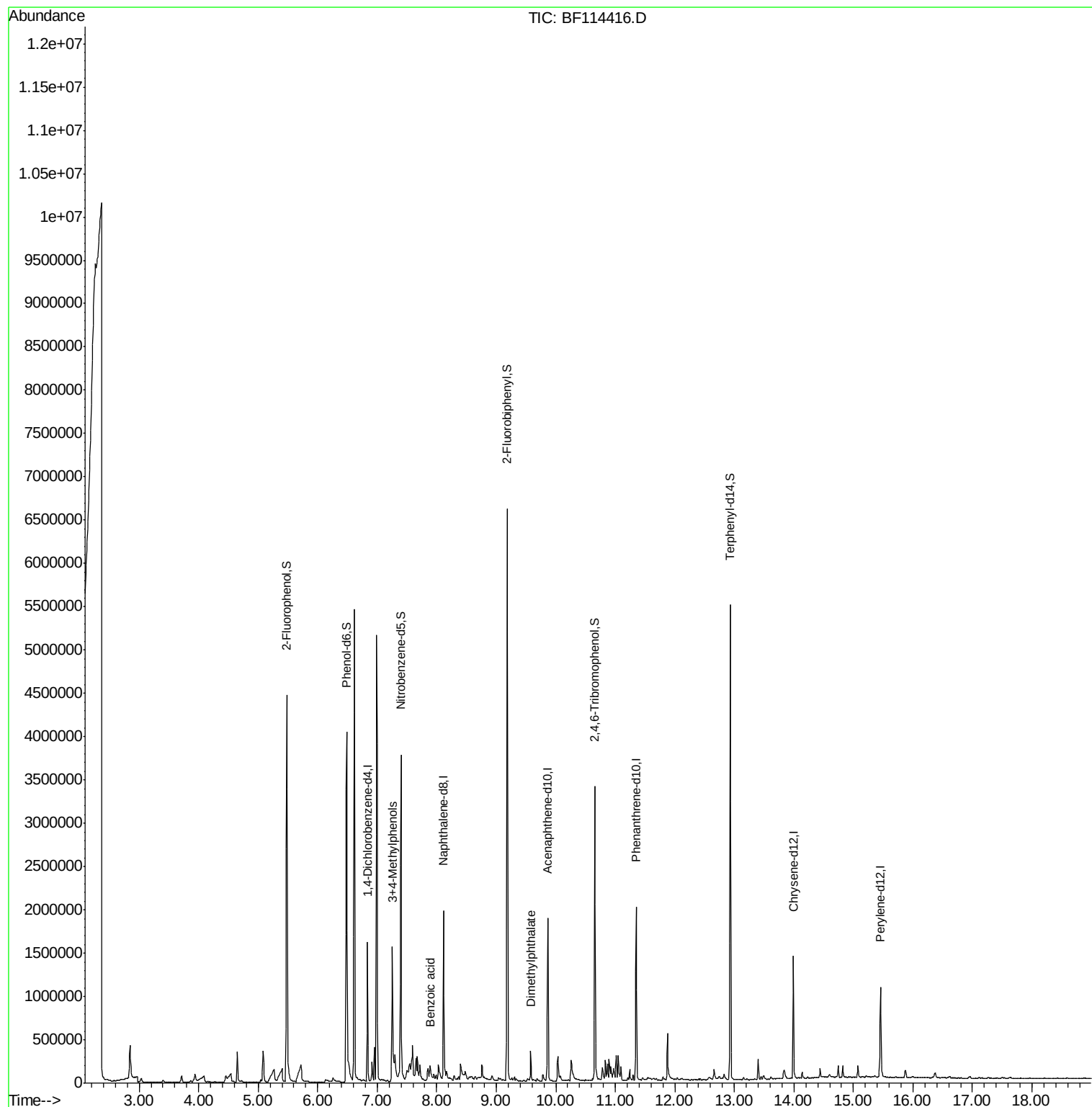
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243036	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	908599	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	401430	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	694138	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	476067	20.00	ng	-0.03
87) Perylene-d12	15.46	264	506907	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1297781	85.93	ng	0.00
7) Phenol-d6	6.49	99	1525611	85.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	1320624	81.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	410784	98.98	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2270128	85.54	ng	-0.02
79) Terphenyl-d14	12.93	244	1907754	82.61	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	7.25	107	500282	32.694	ng	Qvalue # 48
32) Benzoic acid	7.90	122	30457	9.923	ng	92
50) Dimethylphthalate	9.58	163	136135	4.620	ng	98

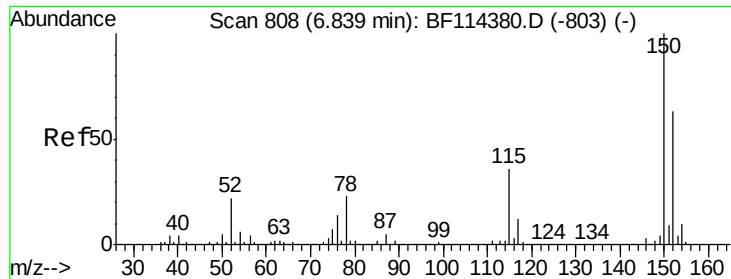
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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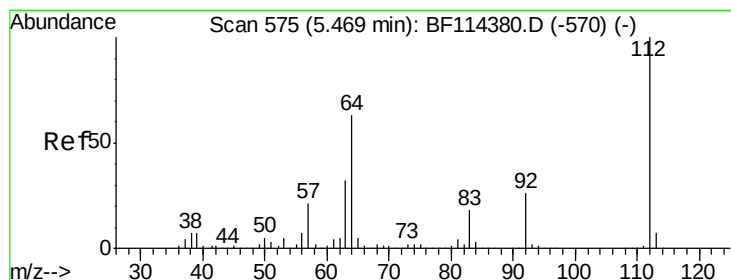
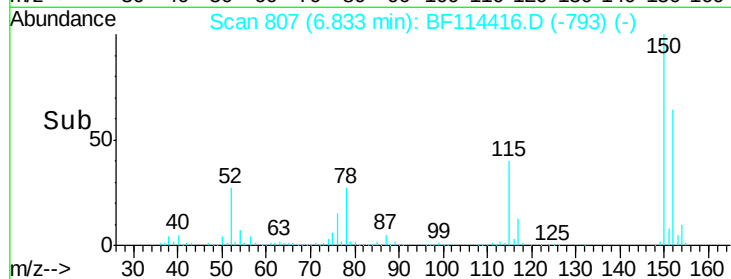
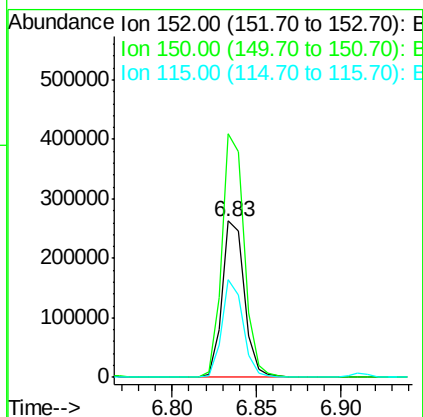
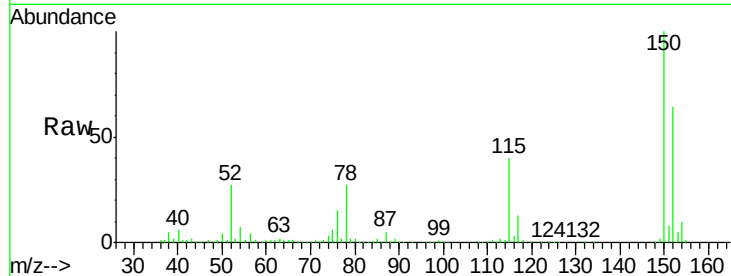


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

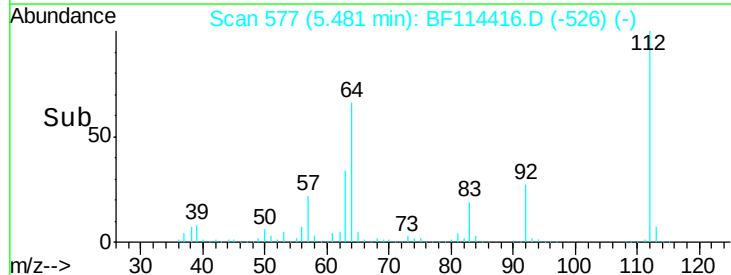
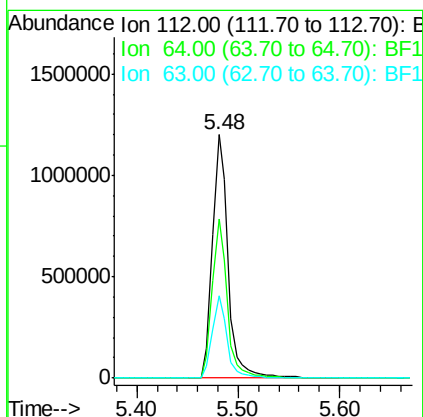
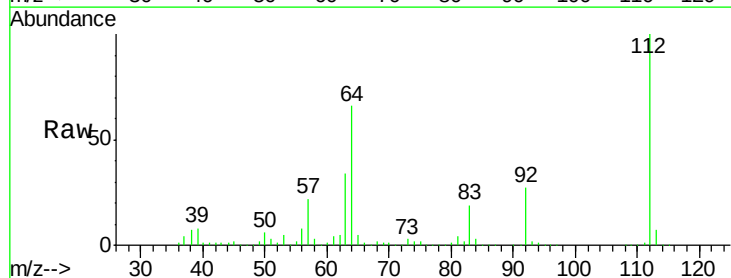
Tgt Ion:152 Resp: 243036
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 62.0 49.1 73.7

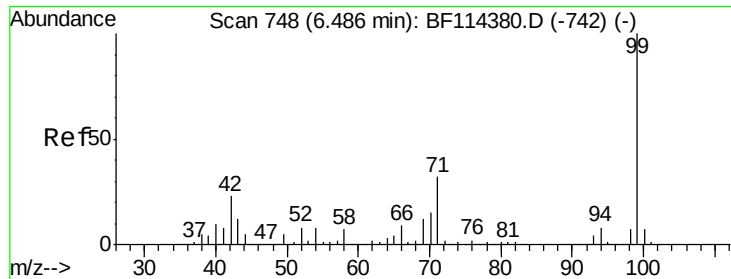


#5

2-Fluorophenol
Concen: 85.932 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:112 Resp: 1297781
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 33.7 24.6 37.0





#7

Phenol-d6

Concen: 85.411 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

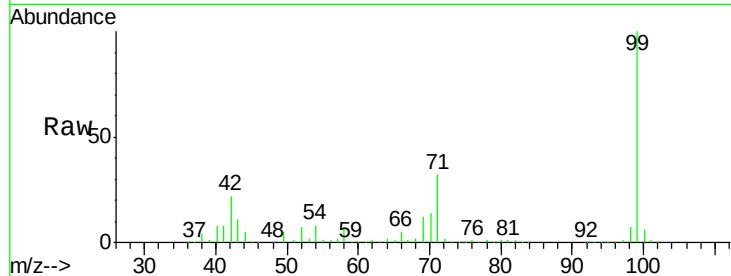
Tgt Ion: 99 Resp: 1525611

Ion Ratio Lower Upper

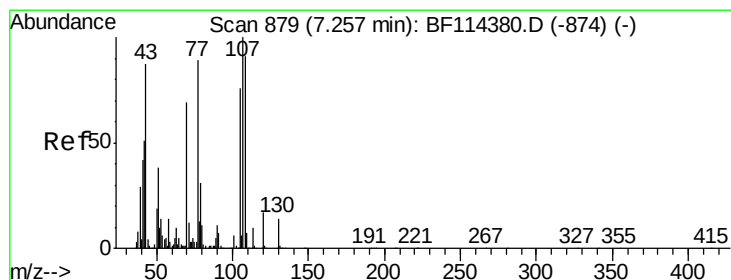
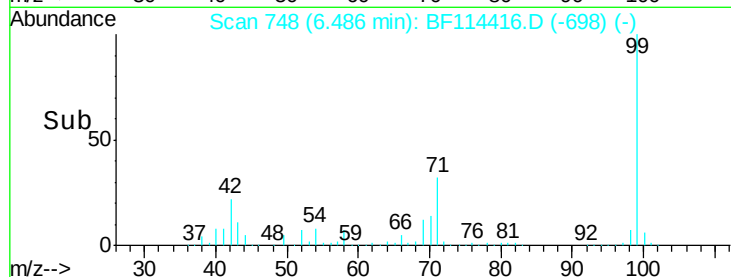
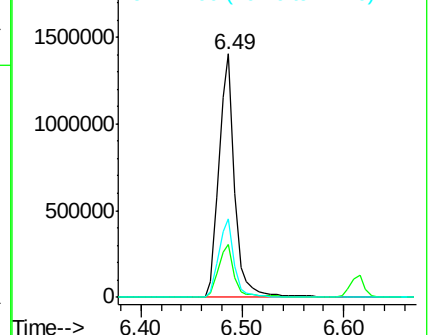
99 100

42 21.8 17.9 26.9

71 32.1 26.2 39.2



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



#20

3+4-Methylphenols

Concen: 32.694 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Tgt Ion: 107 Resp: 500282

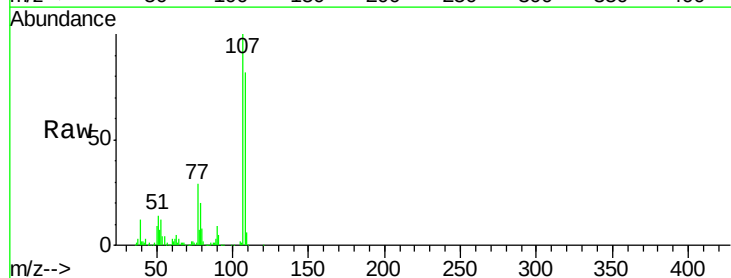
Ion Ratio Lower Upper

107 100

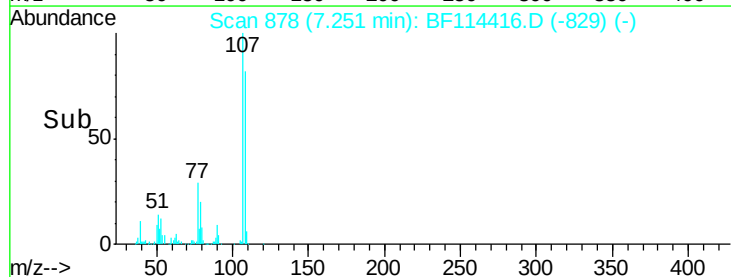
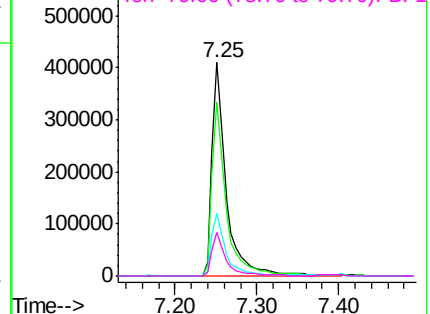
108 81.5 73.8 113.8

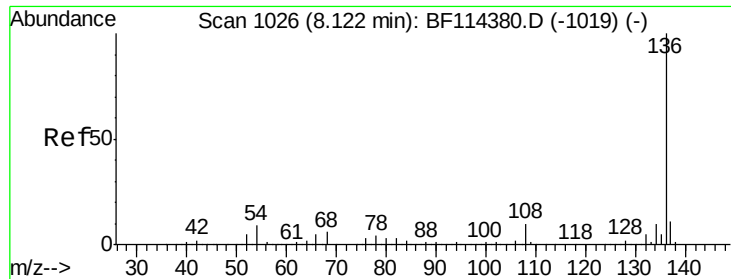
77 29.2 111.5 151.5#

79 20.2 12.0 52.0



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

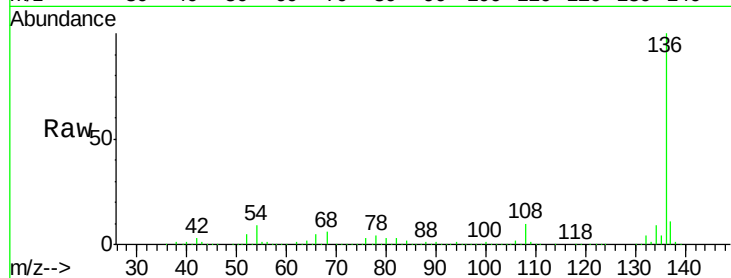




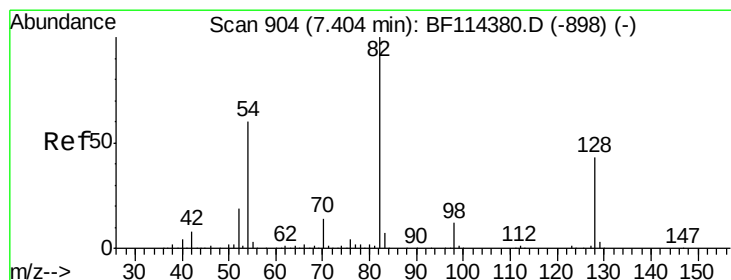
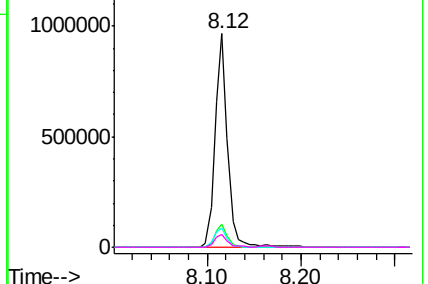
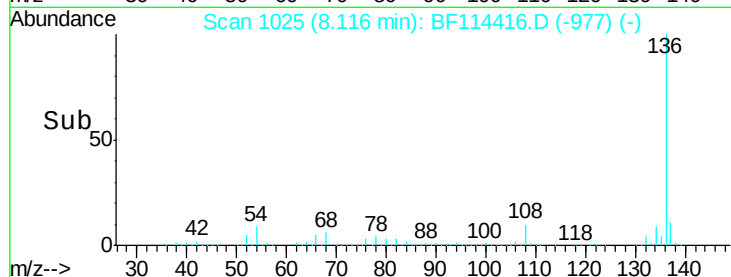
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR(OWS)-4

Tgt Ion:	136	Resp:	908599
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	9.1	7.8	11.8
68	6.2	5.1	7.7

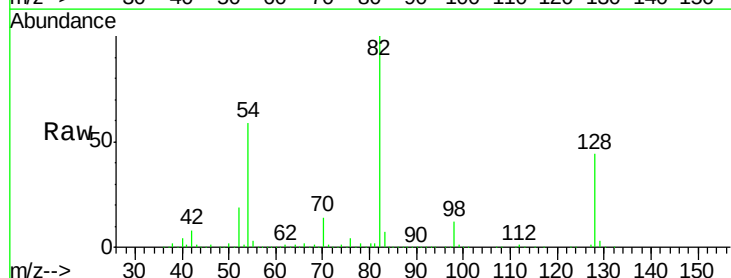


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

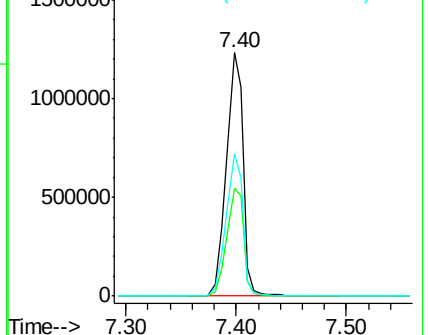
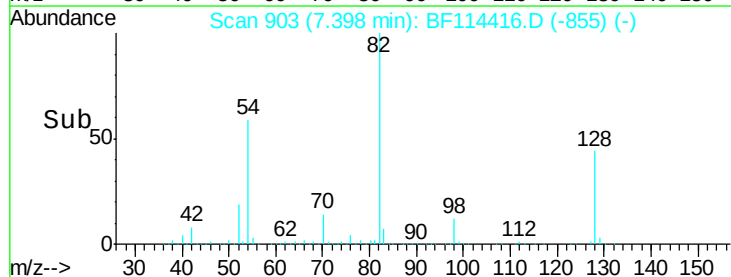


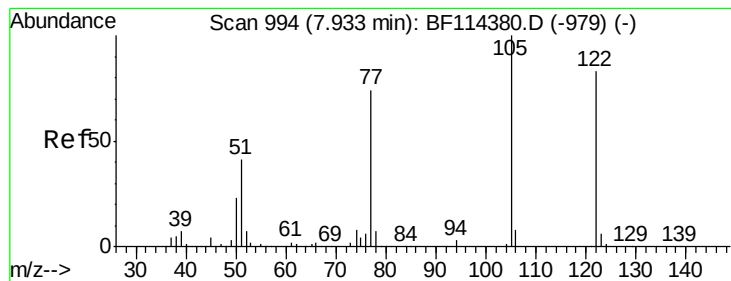
#23
Nitrobenzene-d5
Concen: 81.569 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Tgt Ion:	82	Resp:	1320624
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.5	53.3
54	58.7	48.5	72.7



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





#32

Benzoic acid

Concen: 9.923 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

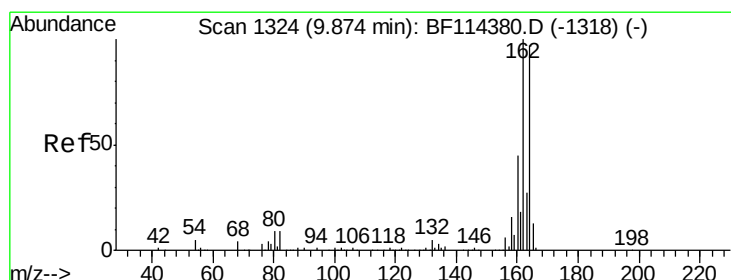
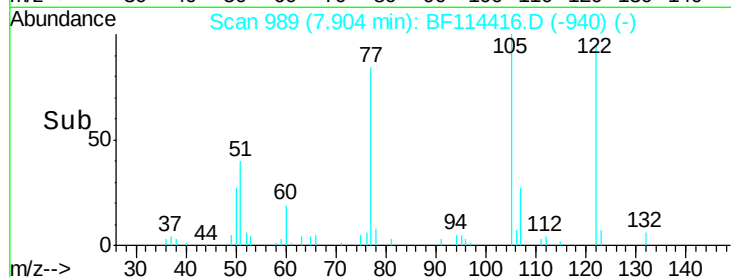
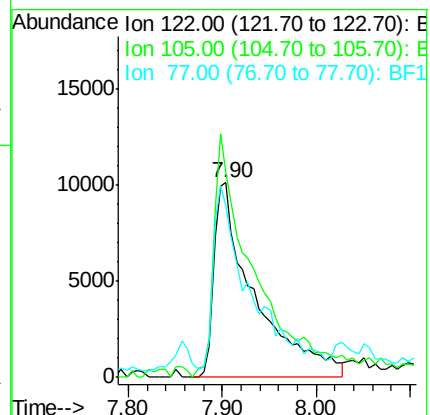
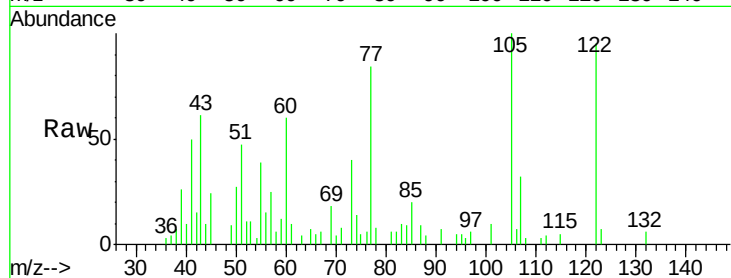
Tgt Ion:122 Resp: 30457

Ion Ratio Lower Upper

122 100

105 105.1 99.9 139.9

77 88.4 69.4 109.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

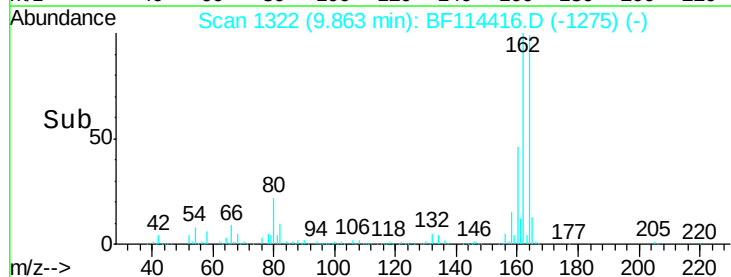
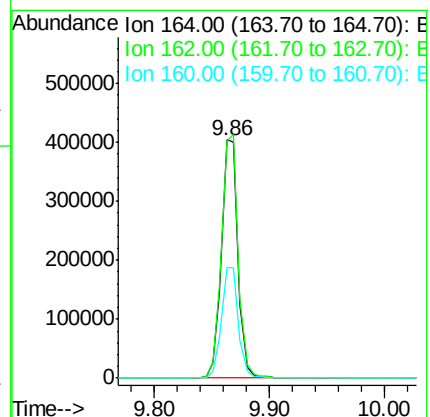
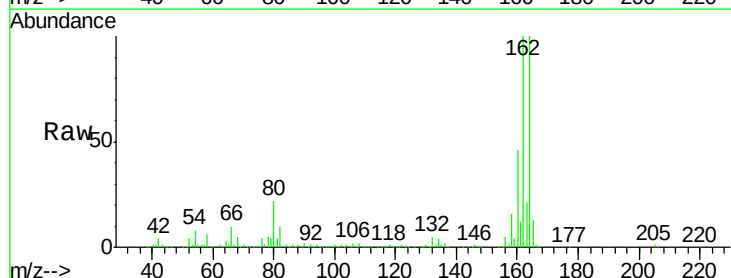
Tgt Ion:164 Resp: 401430

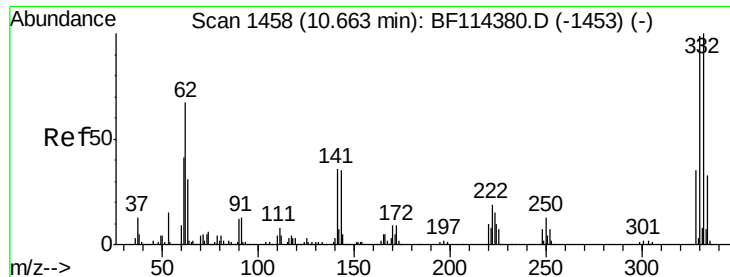
Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

160 46.2 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 98.981 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR(OWS)-4

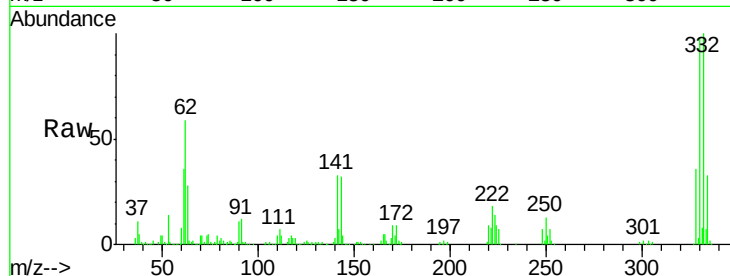
Tgt Ion:330 Resp: 410784

Ion Ratio Lower Upper

330 100

332 103.8 81.4 122.2

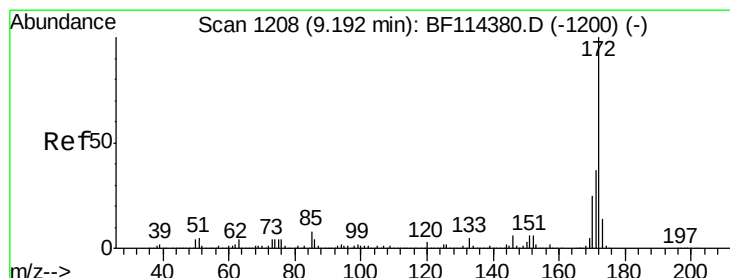
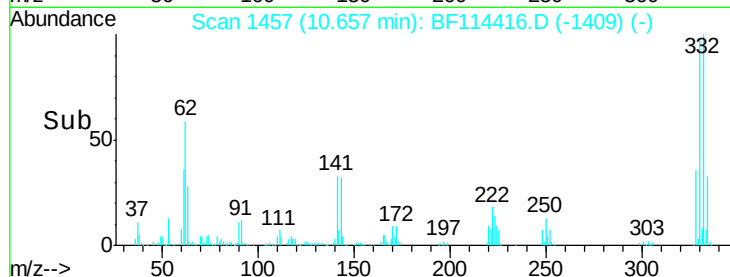
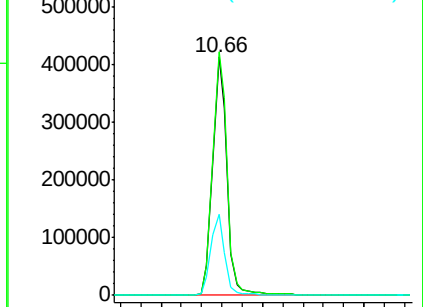
141 33.9 26.6 40.0



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: 85.543 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

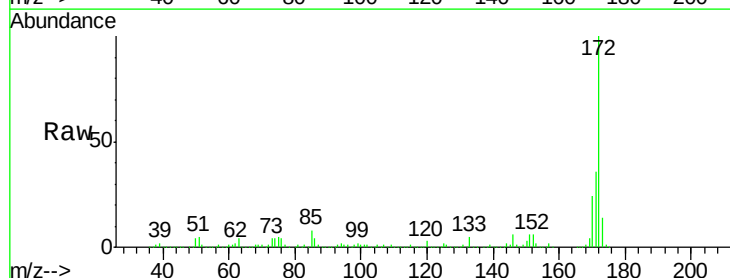
Tgt Ion:172 Resp: 2270128

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

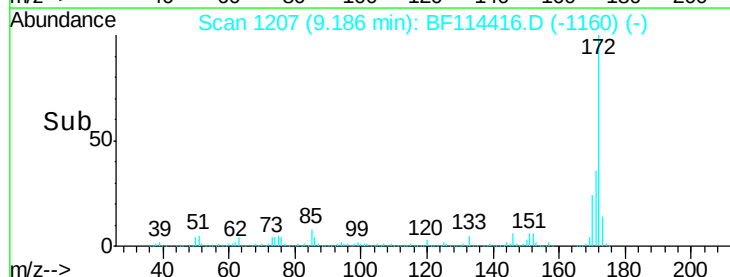
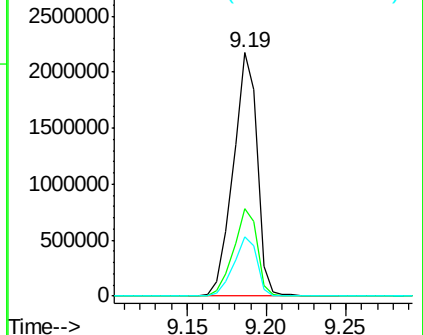
170 24.3 20.5 30.7

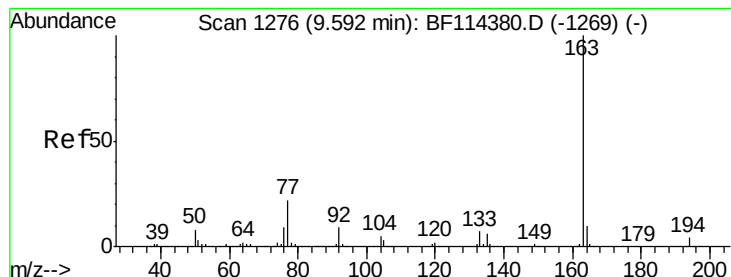


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.620 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114416.D

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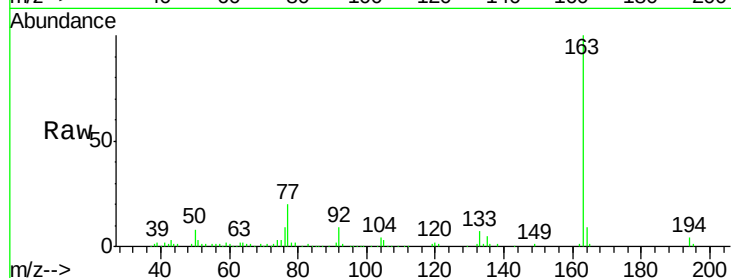
Tgt Ion:163 Resp: 136135

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

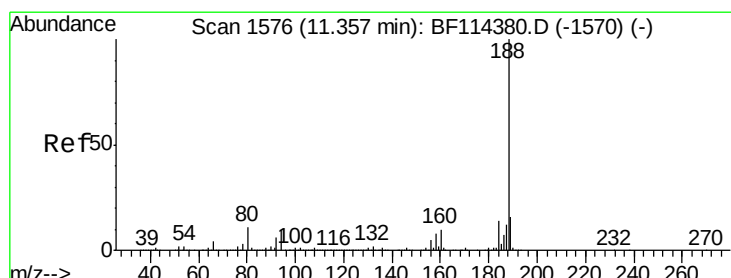
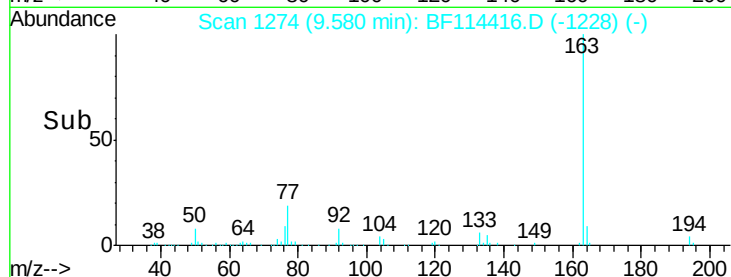
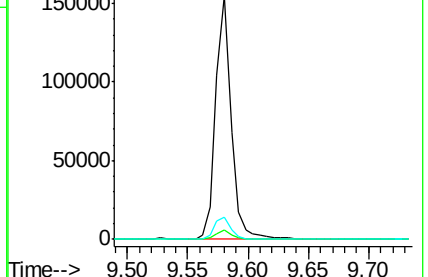
164 9.1 8.2 12.2



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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

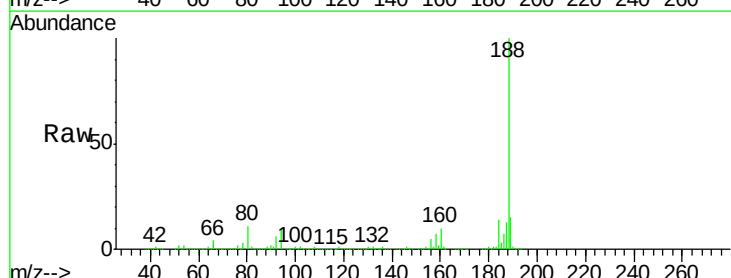
Tgt Ion:188 Resp: 694138

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

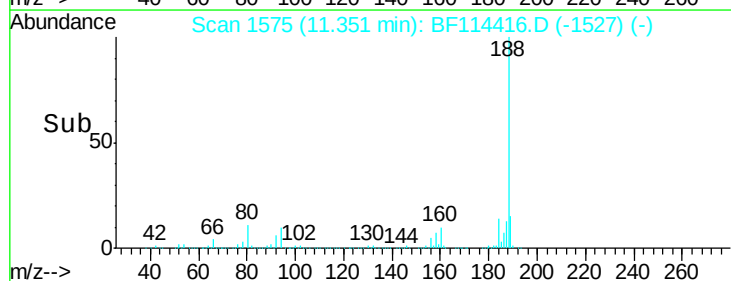
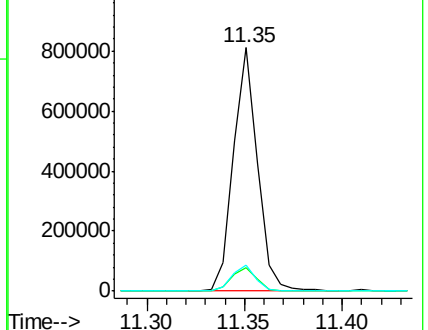
80 10.6 9.2 13.8

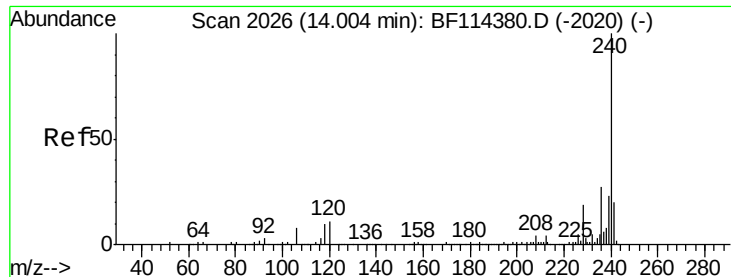


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

Instrument :

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OIL-WATER-SEPERATOR(OWS)-4

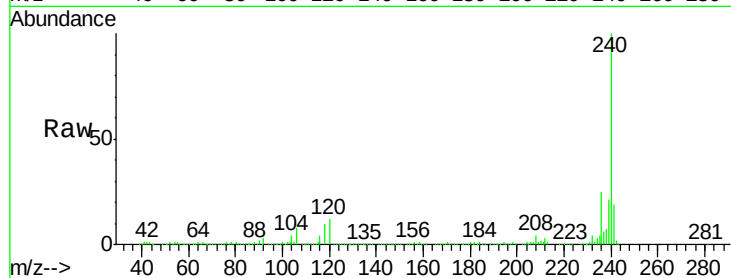
Tgt Ion:240 Resp: 476067

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

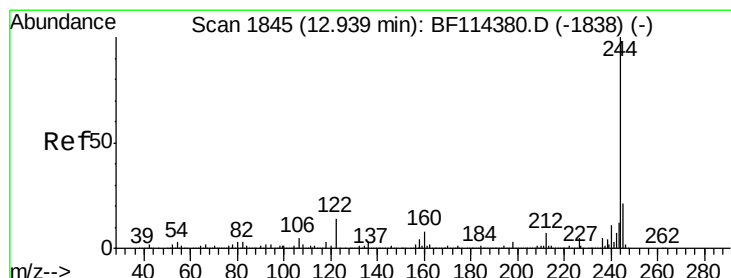
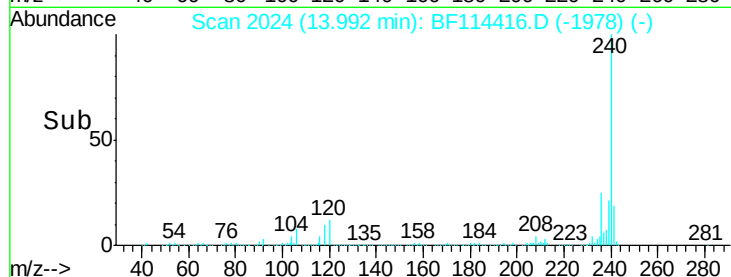
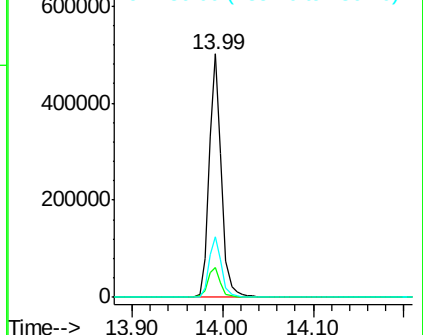
236 25.0 20.8 31.2



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: 82.608 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114416.D

Acq: 19 May 2019 3:38

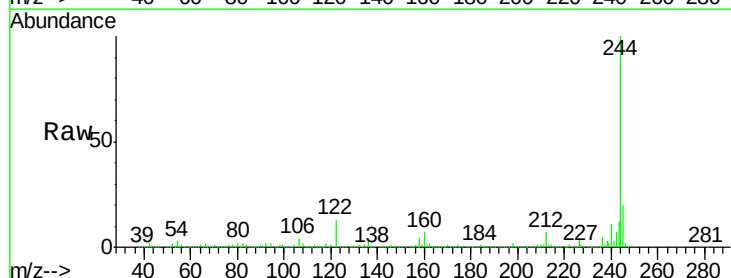
Tgt Ion:244 Resp: 1907754

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

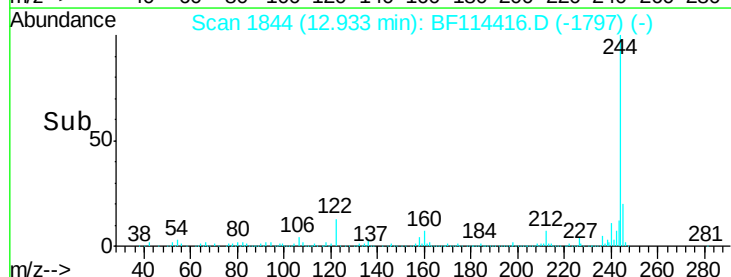
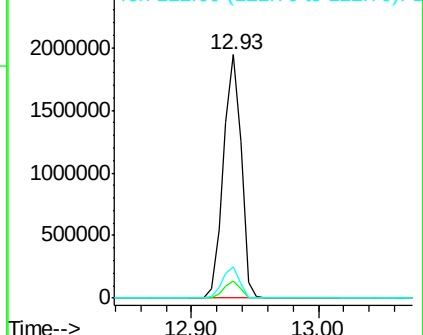
122 12.8 9.4 14.2

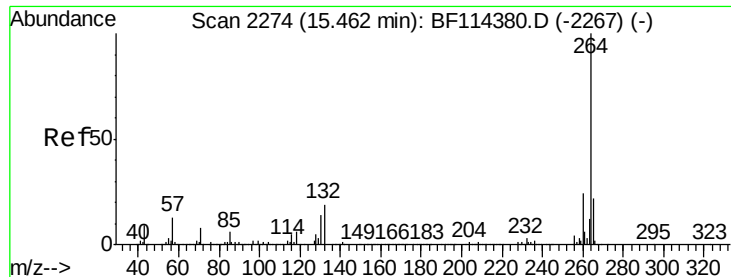


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114416.D
Acq: 19 May 2019 3:38

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR(OWS)-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.5	16.9	25.3

