

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113527.D
 Acq On : 3 Apr 2019 2:45
 Operator : JU/SJ
 Sample : K2170-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Apr 03 08:00:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

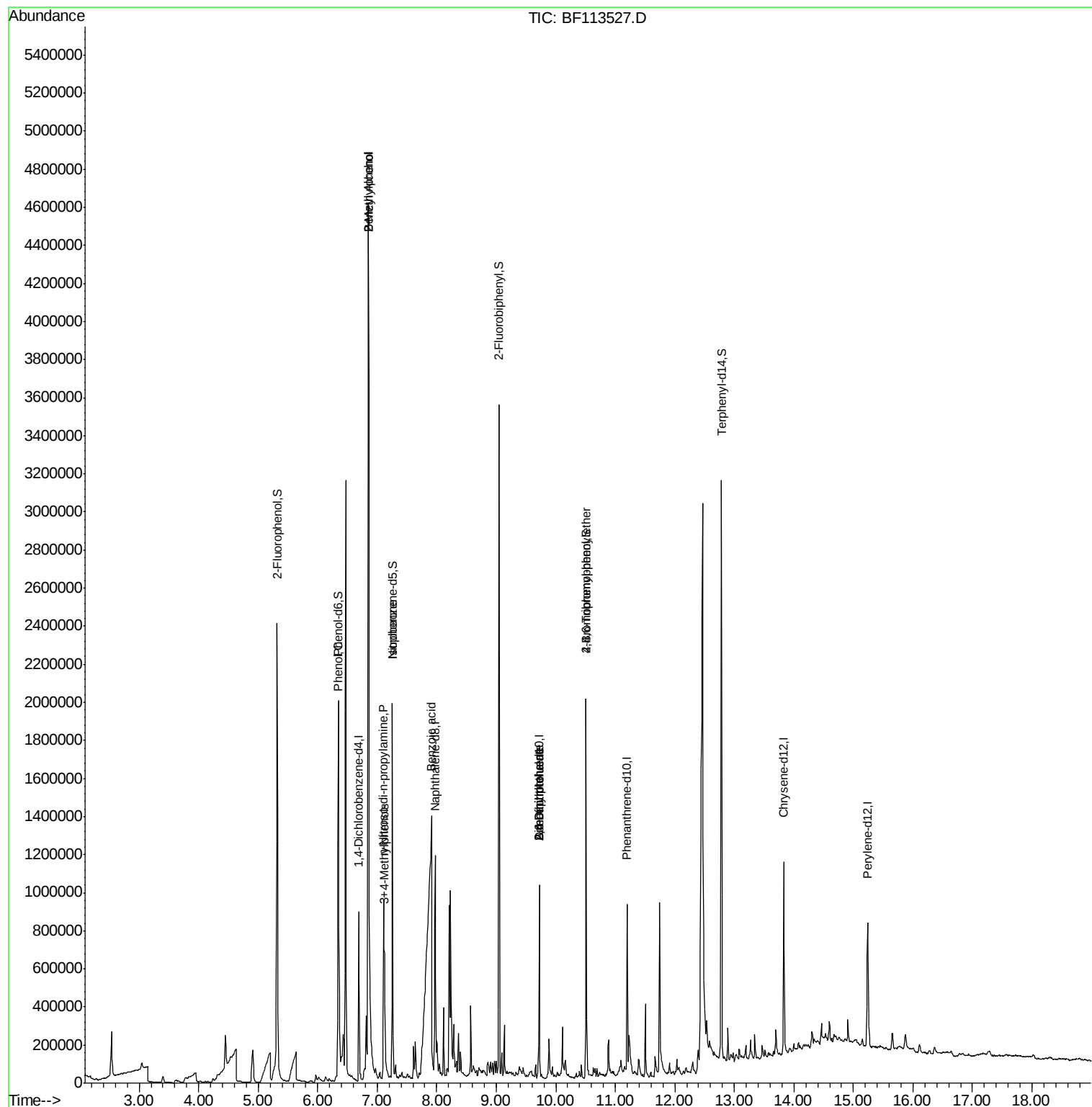
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	129909	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	446969	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	185301	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	352058	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	330180	20.00	ng	-0.01
87) Perylene-d12	15.24	264	238705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	789450	99.37	ng	0.00
7) Phenol-d6	6.35	99	907861	90.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	678502	90.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	269462	117.73	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1158557	101.40	ng	-0.02
79) Terphenyl-d14	12.79	244	1087528	72.60	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	47989	4.182	ng	91
15) Benzyl Alcohol	6.86	79	1024084	154.447	ng	97
17) 2-Methylphenol	6.86	107	563806	77.977	ng	# 22
19) n-Nitroso-di-n-propylamine	7.11	70	34761	5.506	ng	# 77
20) 3+4-Methylphenols	7.12	107	151365	12.882	ng	# 81
25) Isophorone	7.26	82	673912	46.178	ng	# 64
32) Benzoic acid	7.92	122	1432975	297.939	ng	100
50) Dimethylphthalate	9.72	163	49667	3.617	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	23566	7.607	ng	# 28
57) 2,4-Dinitrotoluene	9.72	165	23566	5.982	ng	# 24
67) 4-Bromophenyl-phenylether	10.51	248	15731	4.100	ng	# 1

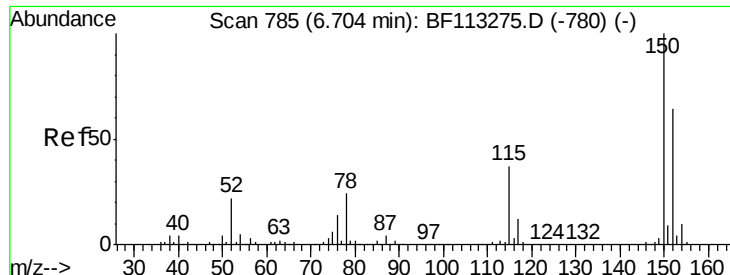
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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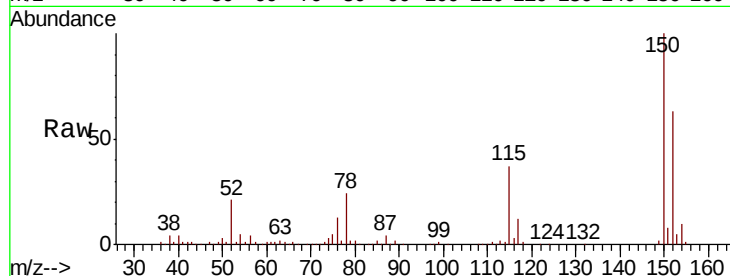


#1

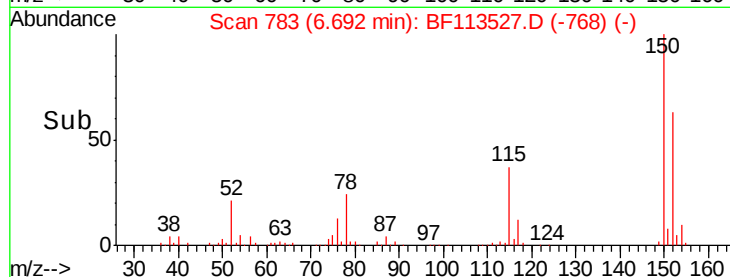
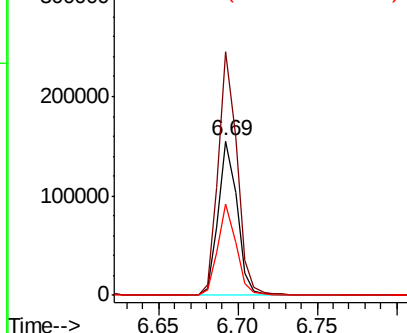
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113527.D
 Acq: 3 Apr 2019 2:45

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

Tgt Ion:152 Resp: 129909
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.7 187.1
 115 58.9 46.0 69.0



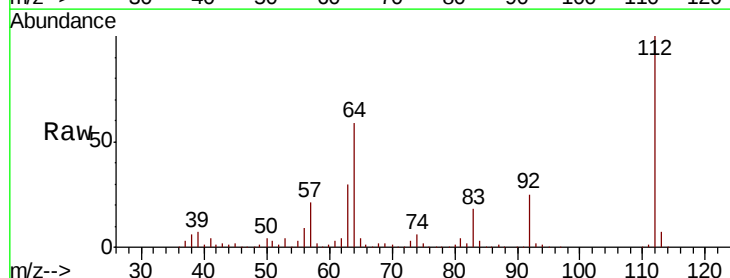
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



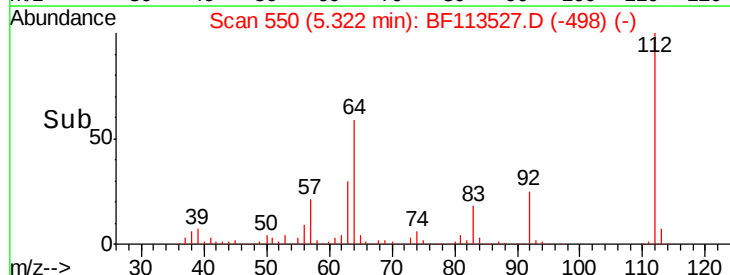
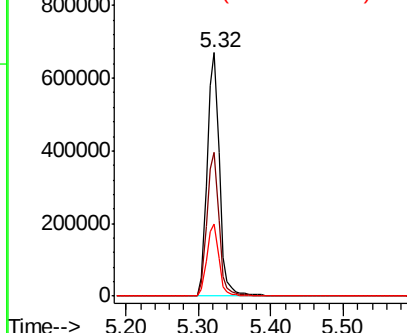
#5

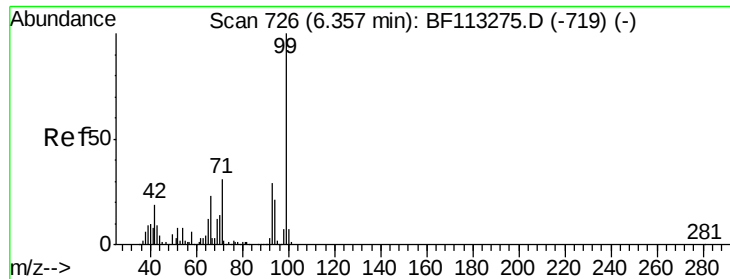
2-Fluorophenol
 Concen: 99.365 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF113527.D
 Acq: 3 Apr 2019 2:45

Tgt Ion:112 Resp: 789450
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.2 73.8
 63 29.8 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: 90.328 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113527.D

Acq: 3 Apr 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

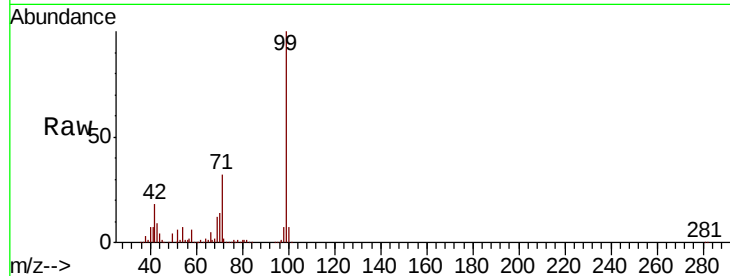
Tgt Ion: 99 Resp: 907861

Ion Ratio Lower Upper

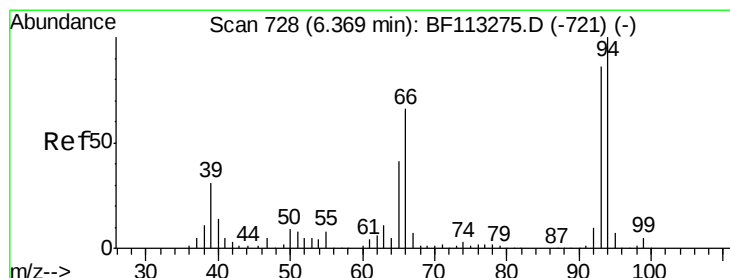
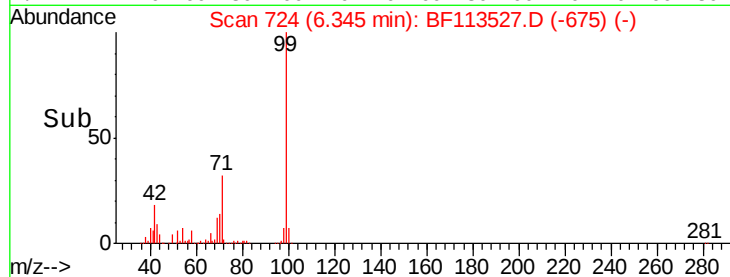
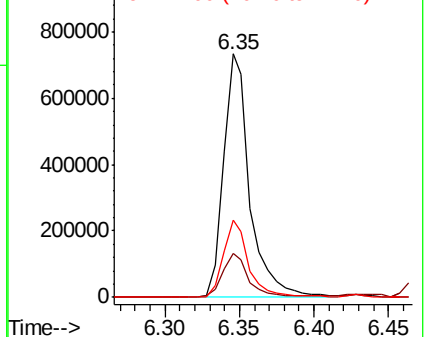
99 100

42 18.3 14.8 22.2

71 31.8 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: 4.182 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113527.D

Acq: 3 Apr 2019 2:45

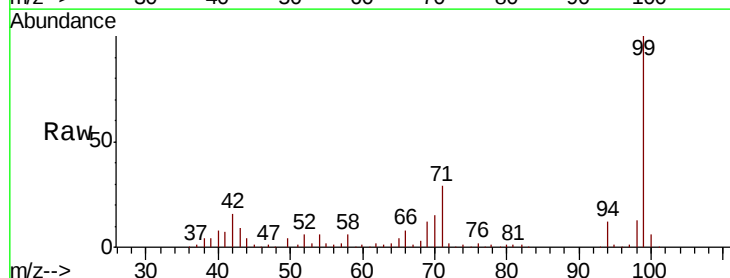
Tgt Ion: 94 Resp: 47989

Ion Ratio Lower Upper

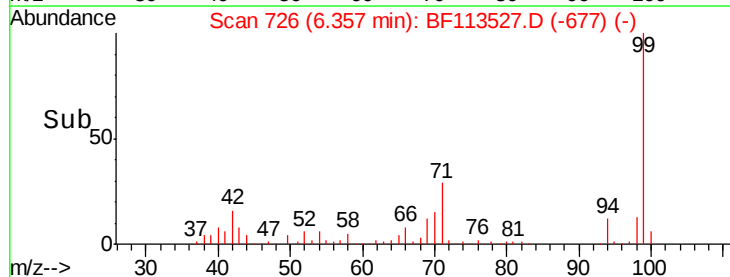
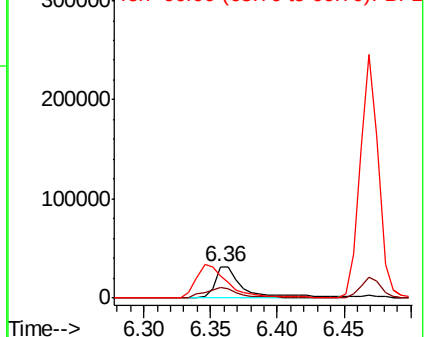
94 100

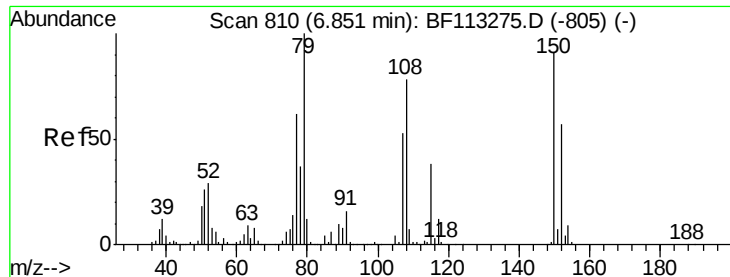
65 33.4 21.4 61.4

66 71.9 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

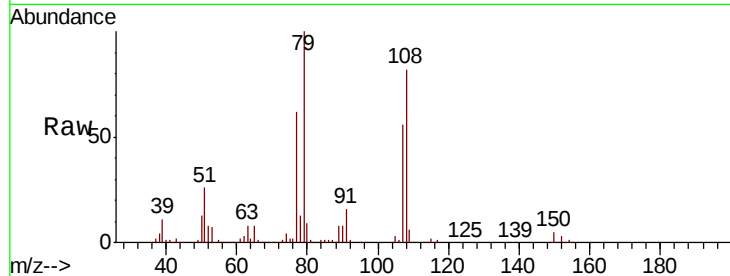




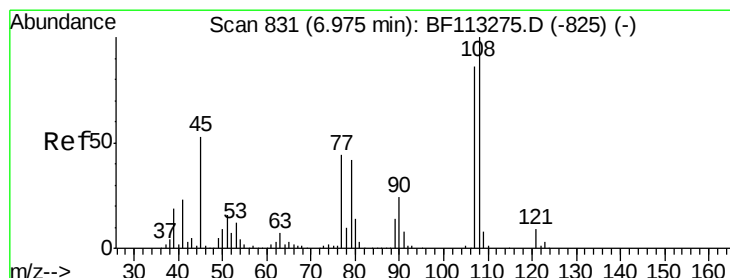
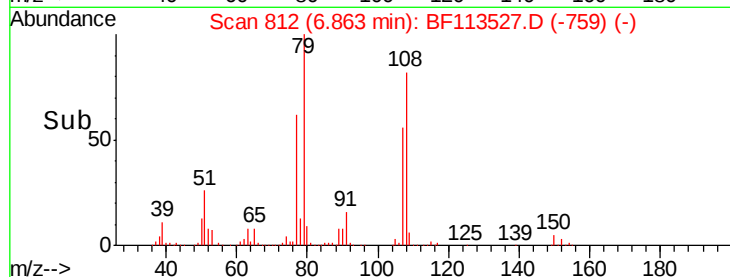
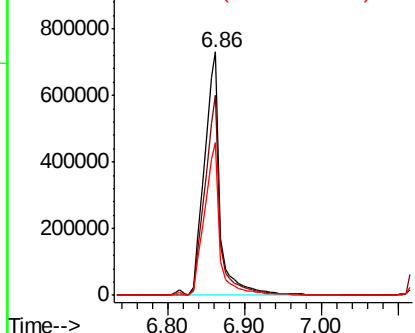
#15
Benzyl Alcohol
Concen: 154.447 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

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

Tgt Ion: 79 Resp: 1024084
Ion Ratio Lower Upper
79 100
108 82.1 62.0 93.0
77 62.5 49.9 74.9

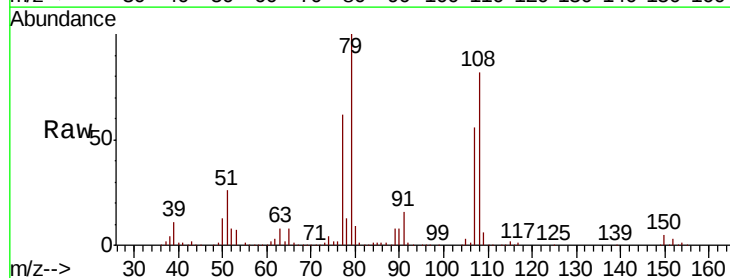


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

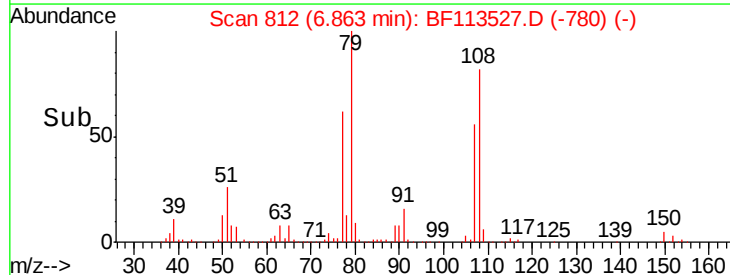
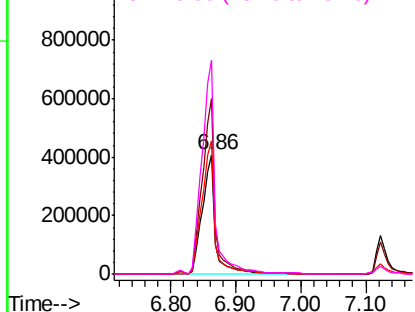


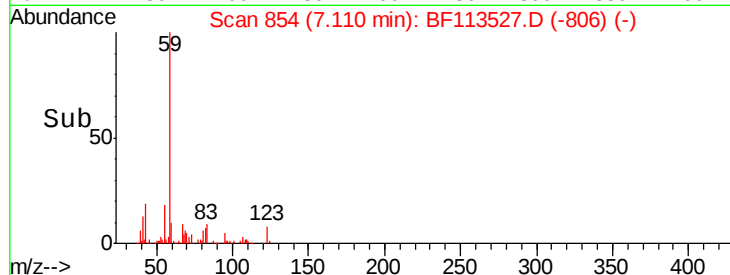
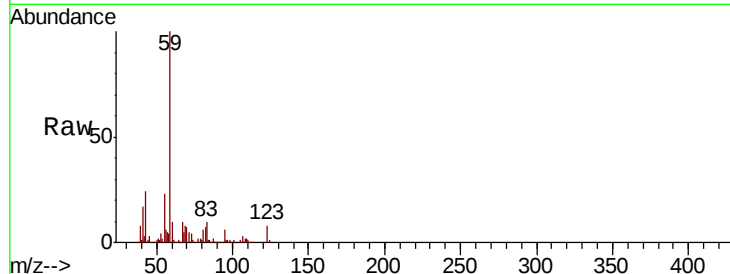
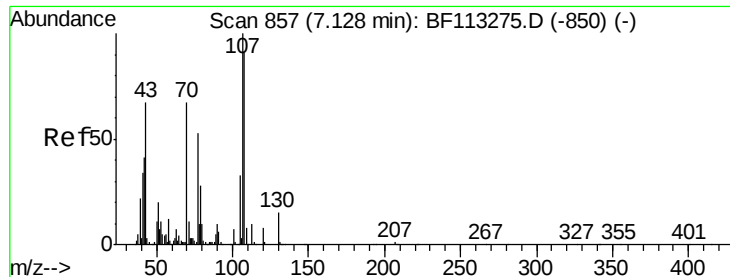
#17
2-Methylphenol
Concen: 77.977 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.11 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion: 107 Resp: 563806
Ion Ratio Lower Upper
107 100
108 146.7 93.4 140.0#
77 111.6 41.2 61.8#
79 178.6 40.1 60.1#



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

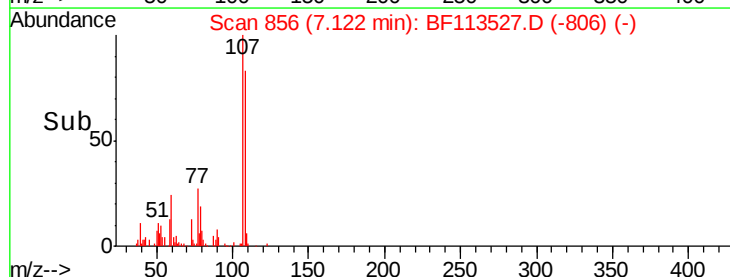
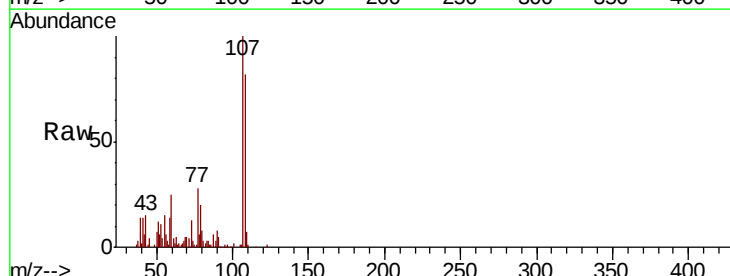
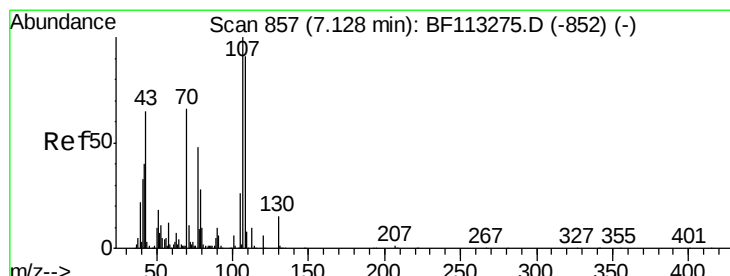
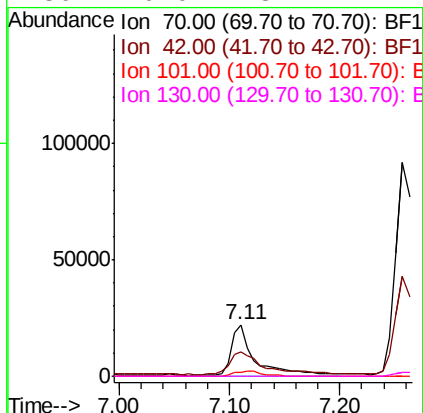




#19
n-Nitroso-di-n-propylamine
Concen: 5.506 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

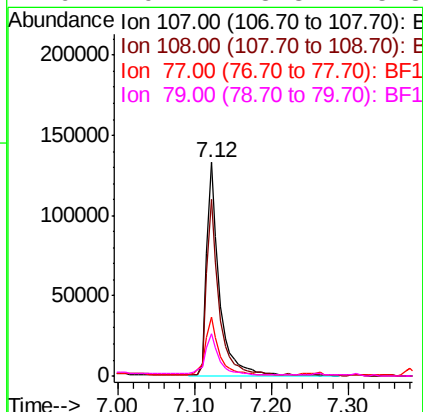
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ClientSampleId :
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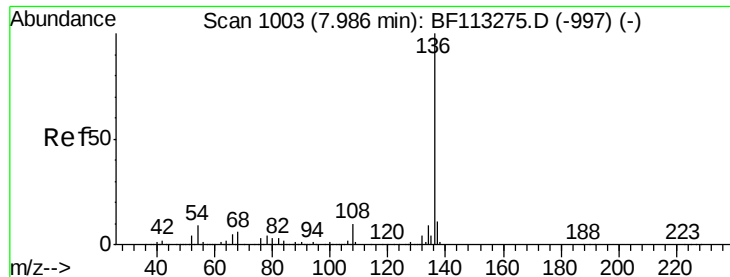
Tgt Ion: 70 Resp: 34761
Ion Ratio Lower Upper
70 100
42 47.2 48.4 72.6#
101 8.2 7.8 11.8
130 0.0 18.2 27.4#



#20
3+4-Methylphenols
Concen: 12.882 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion: 107 Resp: 151365
Ion Ratio Lower Upper
107 100
108 82.4 71.4 111.4
77 27.8 33.5 73.5#
79 19.7 8.3 48.3

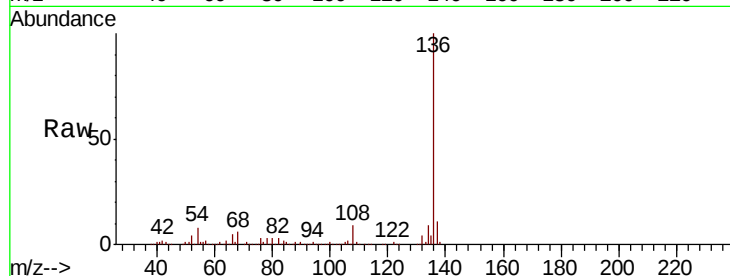




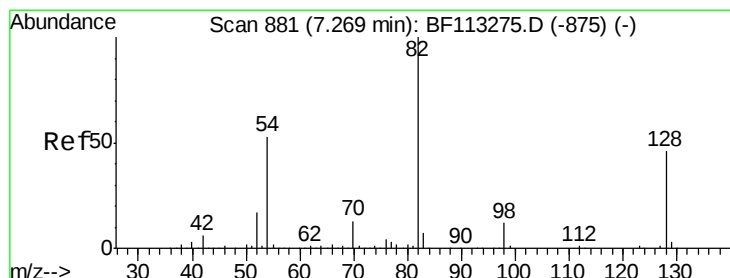
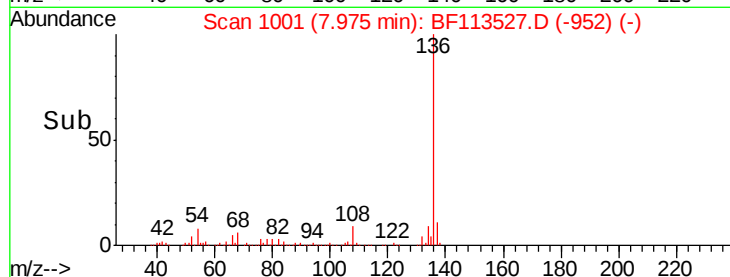
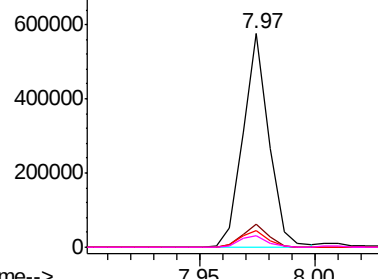
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Instrument :
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ClientSampleId :
OIL-WATER-SEPARATOR-2

Tgt Ion:	136	Resp:	446969
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	7.0	10.6
68	5.7	4.8	7.2

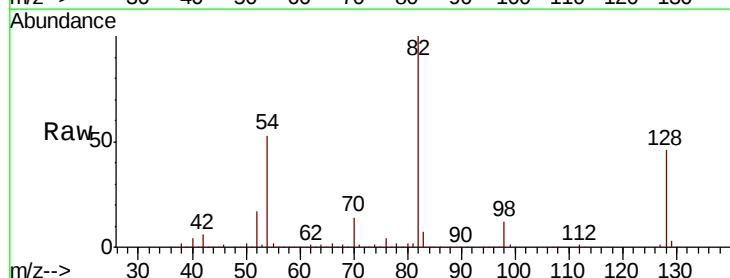


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

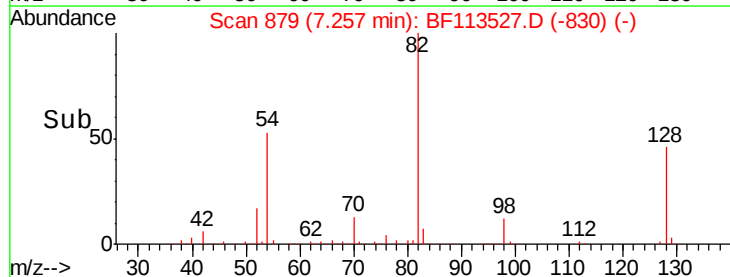
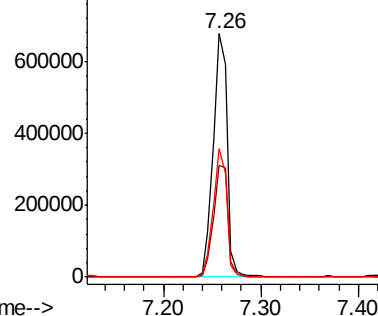


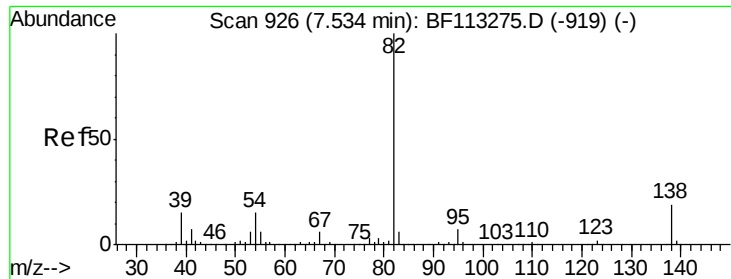
#23
Nitrobenzene-d5
Concen: 90.100 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion:	82	Resp:	678502
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	52.5	42.2	63.2



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

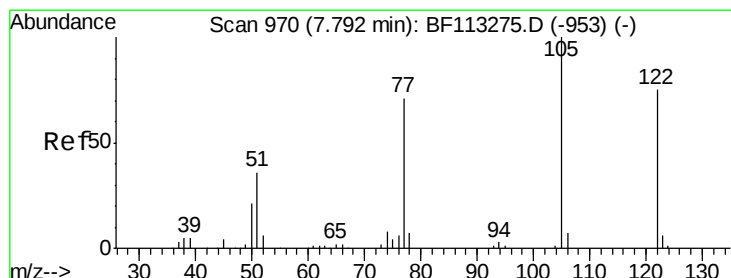
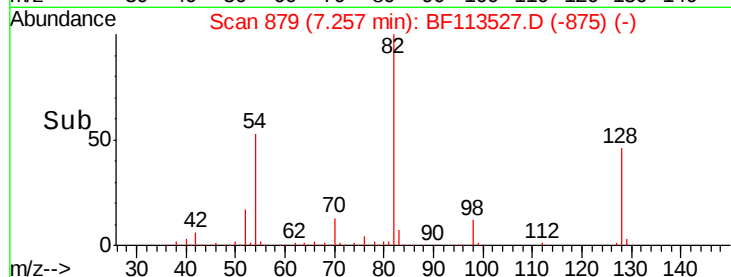
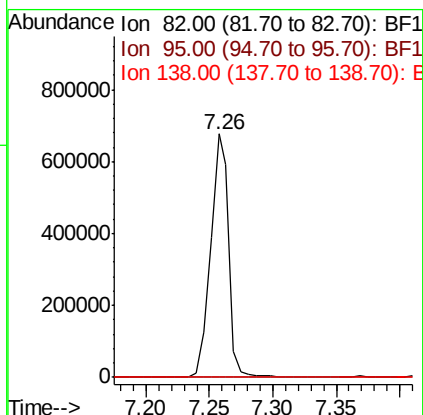
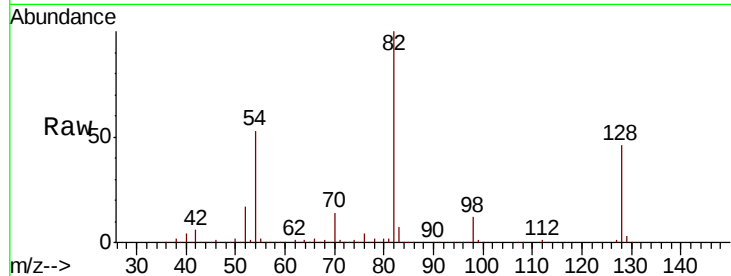




#25
Isophorone
Concen: 46.178 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

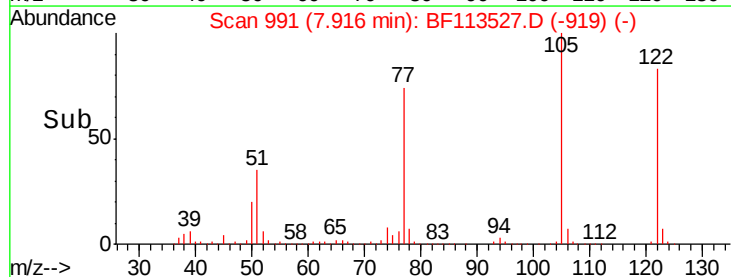
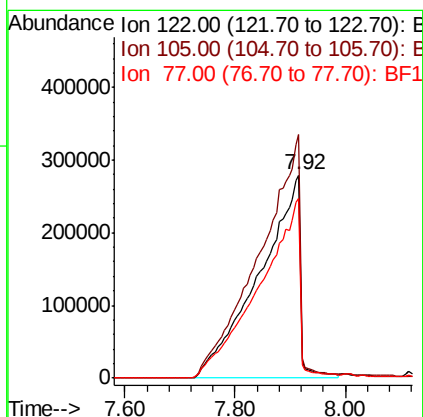
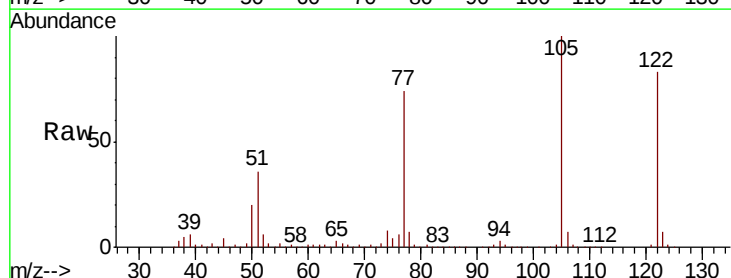
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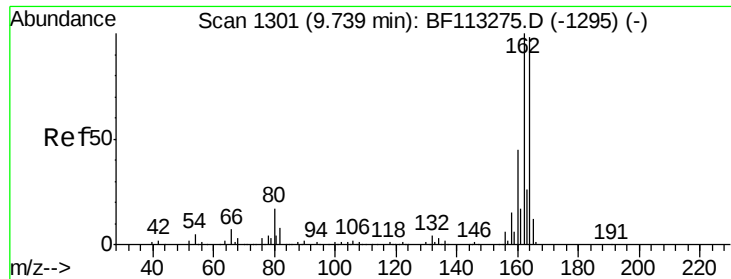
Tgt Ion: 82 Resp: 673912
Ion Ratio Lower Upper
82 100
95 0.1 5.5 8.3#
138 0.0 15.2 22.8#



#32
Benzoic acid
Concen: 297.939 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.12 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion: 122 Resp: 1432975
Ion Ratio Lower Upper
122 100
105 120.1 100.4 140.4
77 88.7 69.0 109.0

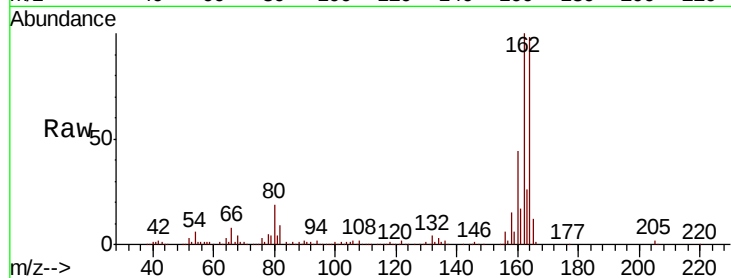




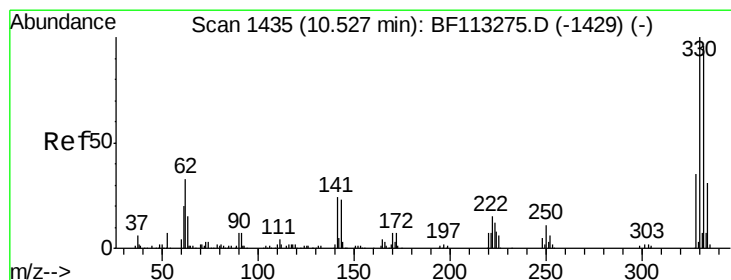
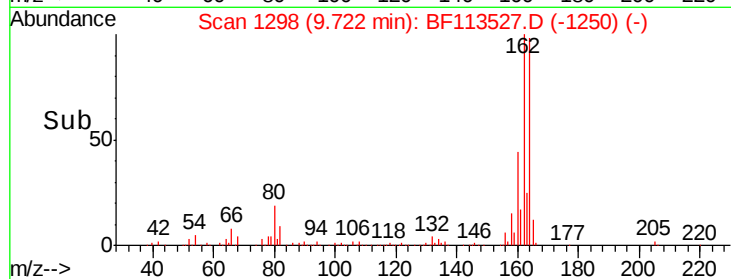
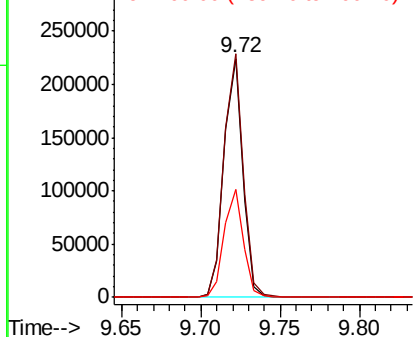
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

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

Tgt Ion:164 Resp: 185301
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.6
160 45.1 36.4 54.6

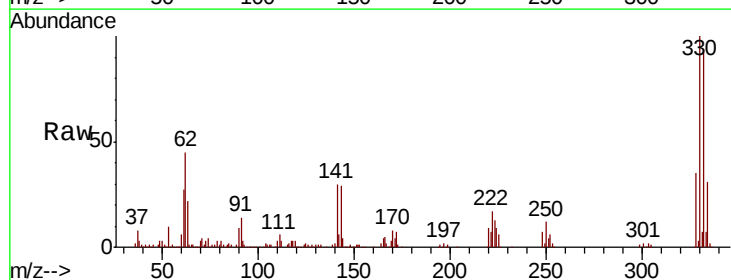


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

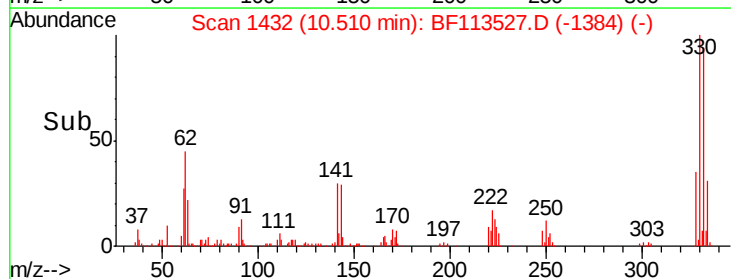
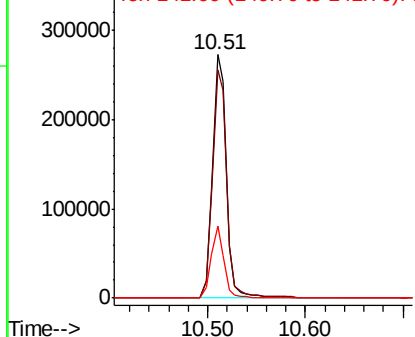


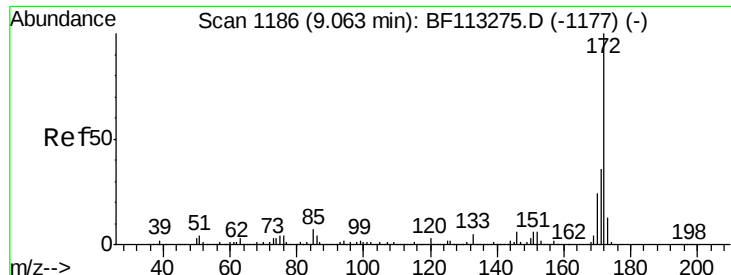
#42
2,4,6-Tribromophenol
Concen: 117.726 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion:330 Resp: 269462
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.6
141 28.0 22.7 34.1



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

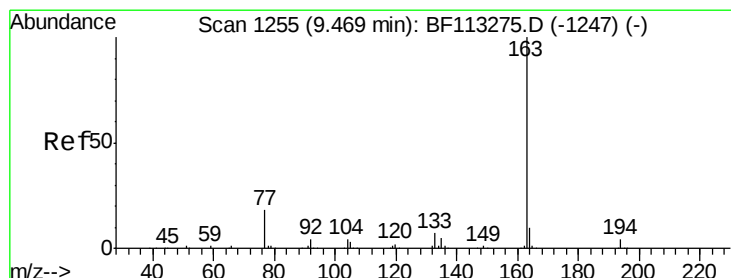
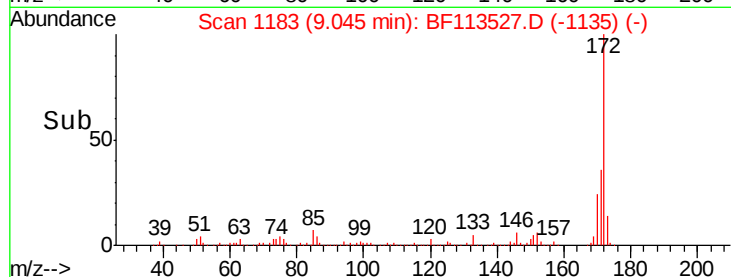
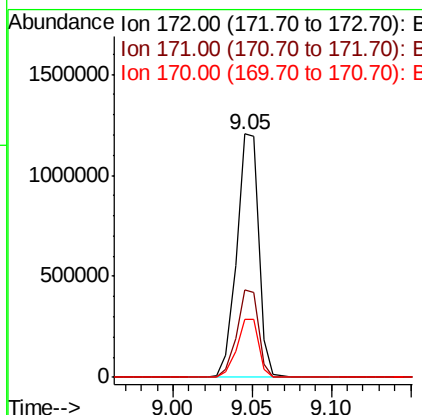
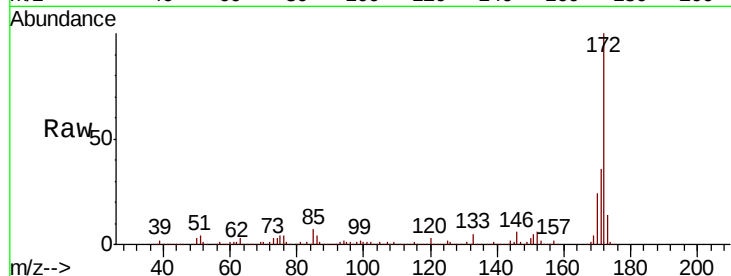




#45
2-Fluorobiphenyl
Concen: 101.399 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

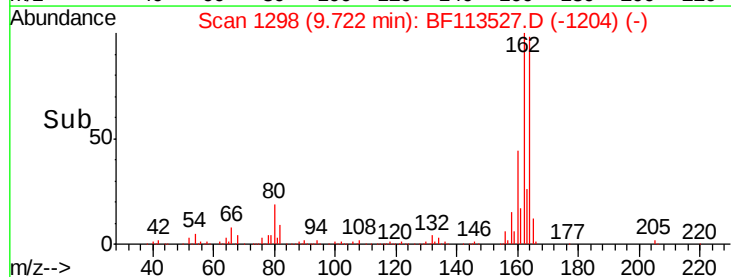
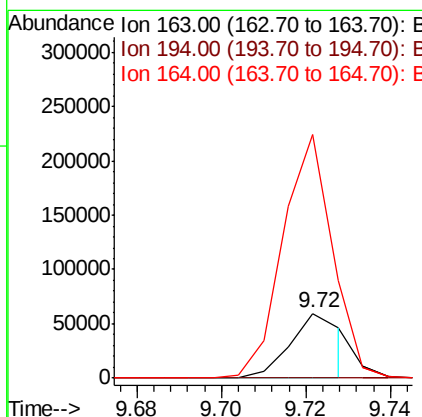
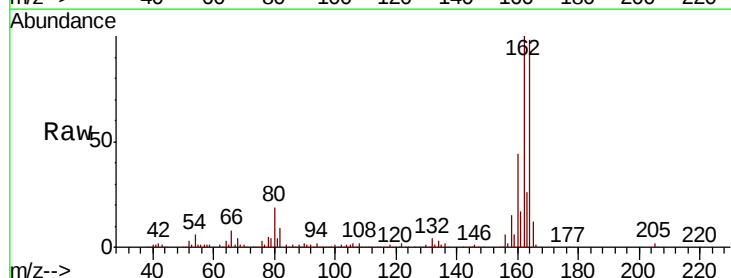
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-2

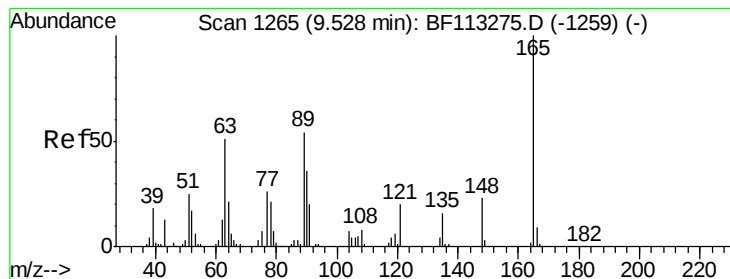
Tgt Ion:172 Resp: 1158557
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 3.617 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion:163 Resp: 49667
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 377.0 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 7.607 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF113527.D

Acq: 3 Apr 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OIL-WATER-SEPARATOR-2

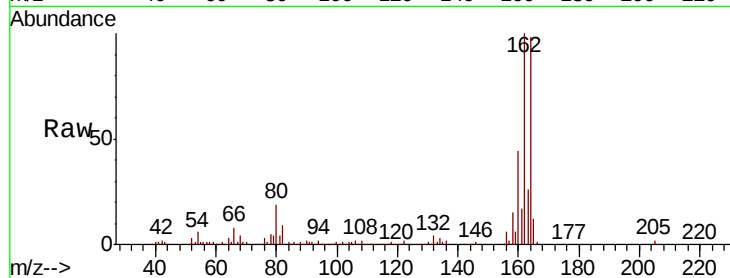
Tgt Ion:165 Resp: 23566

Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

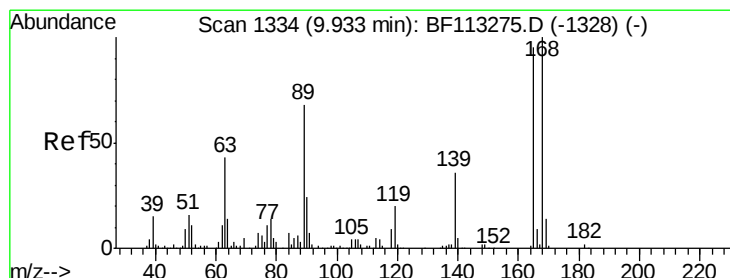
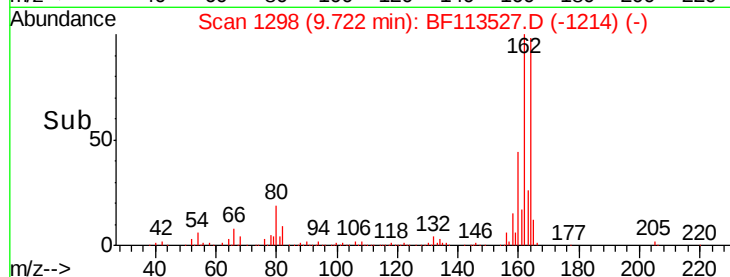
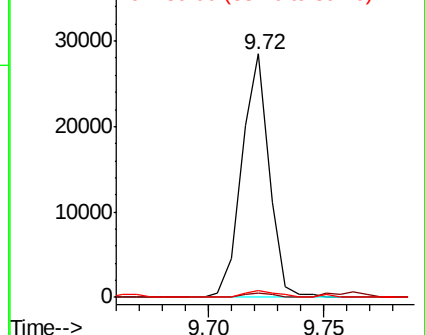
89 2.7 43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.982 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF113527.D

Acq: 3 Apr 2019 2:45

Tgt Ion:165 Resp: 23566

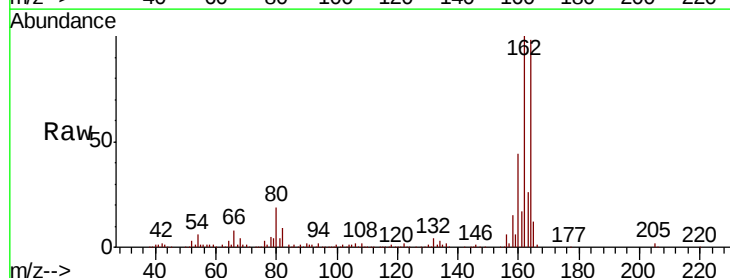
Ion Ratio Lower Upper

165 100

63 1.6 37.5 56.3#

89 2.7 57.4 86.2#

182 0.0 2.0 3.0#

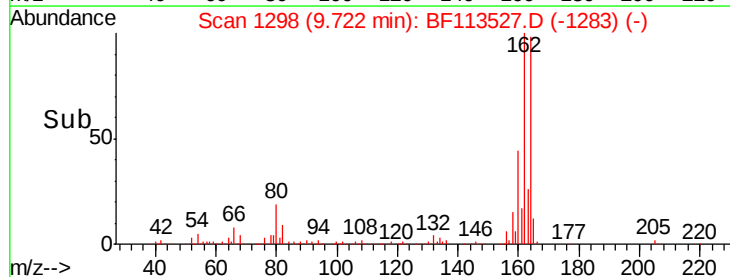
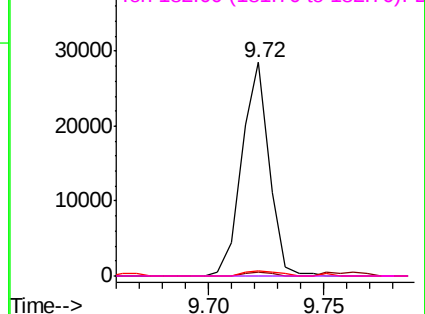


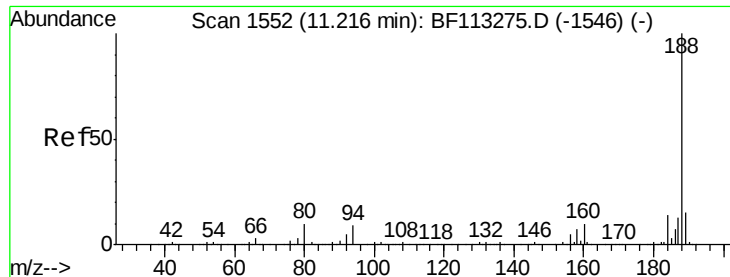
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

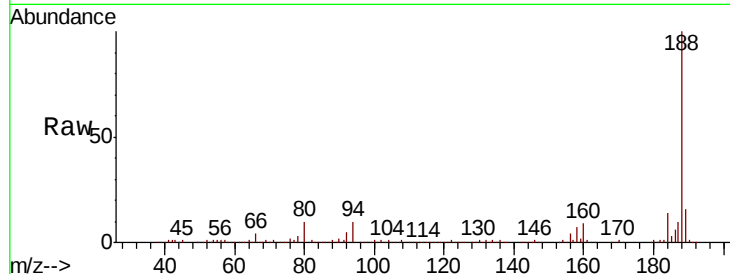




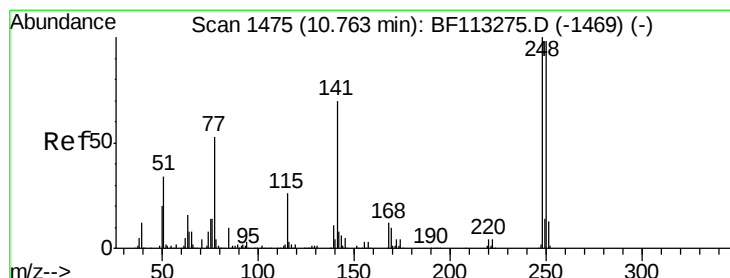
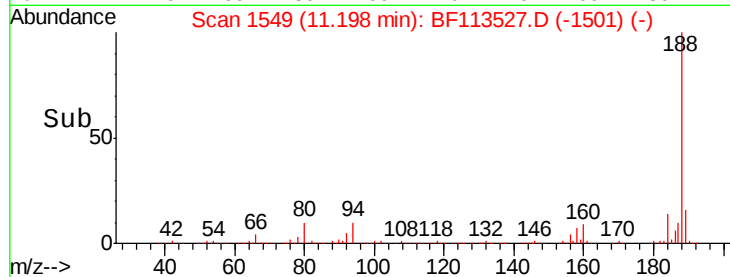
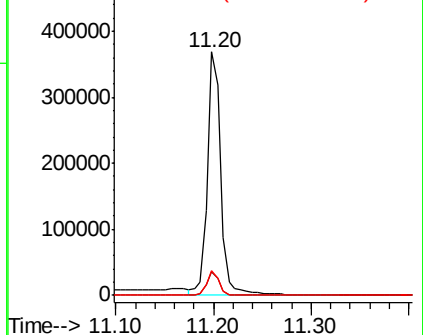
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113527.D
 Acq: 3 Apr 2019 2:45

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

Tgt Ion:188 Resp: 352058
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.0 10.6
 80 10.4 7.7 11.5

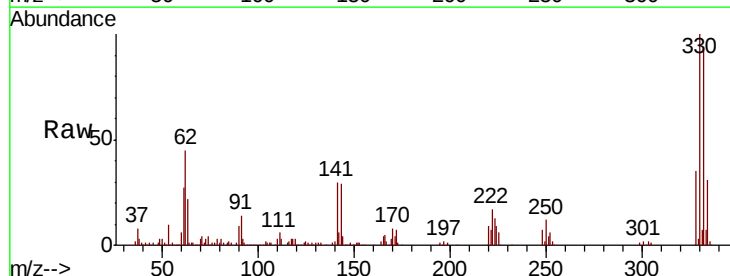


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

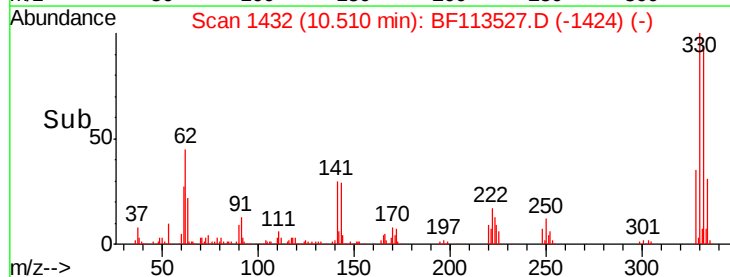
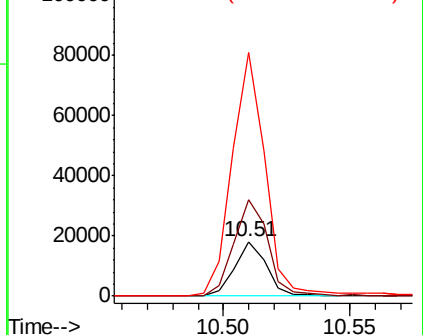


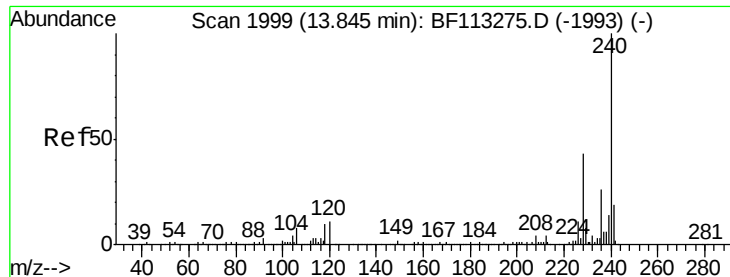
#67
 4-Bromophenyl-phenylether
 Concen: 4.100 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113527.D
 Acq: 3 Apr 2019 2:45

Tgt Ion:248 Resp: 15731
 Ion Ratio Lower Upper
 248 100
 250 177.5 78.3 117.5#
 141 448.1 56.2 84.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

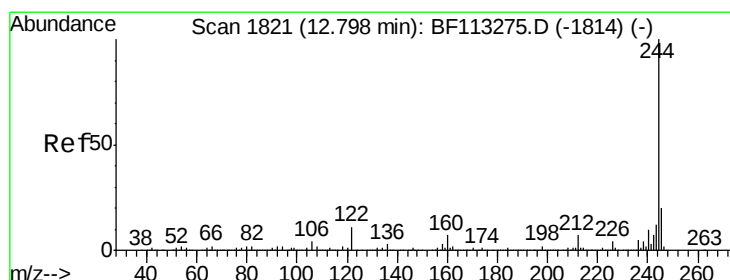
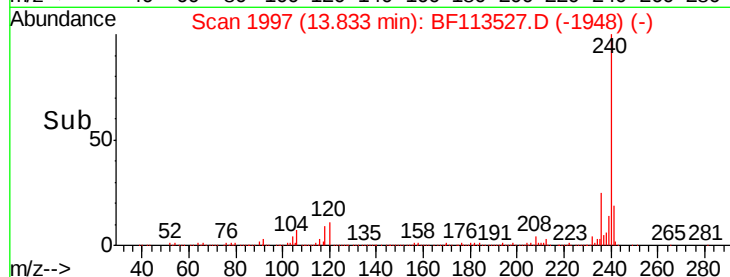
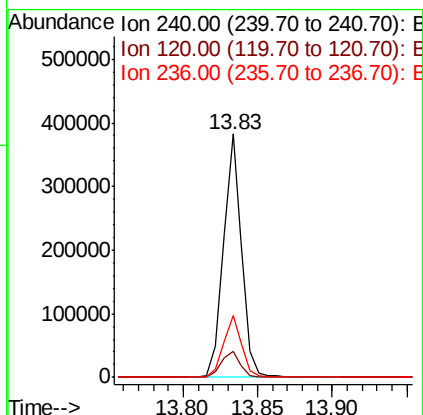
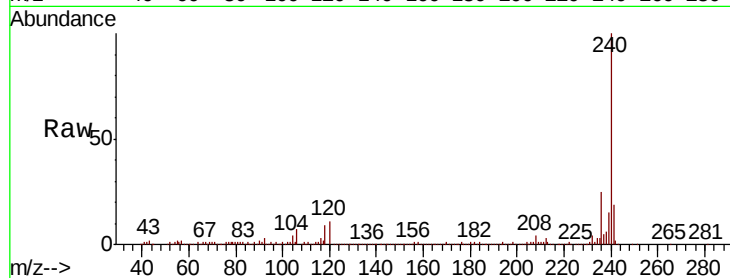




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

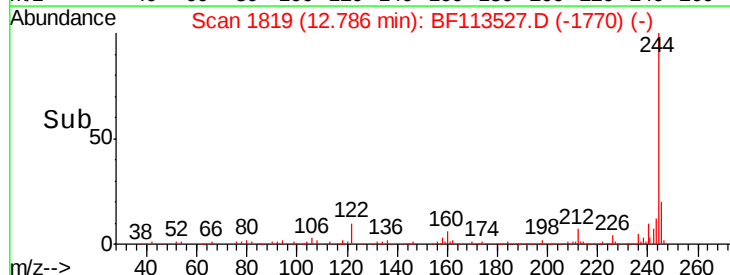
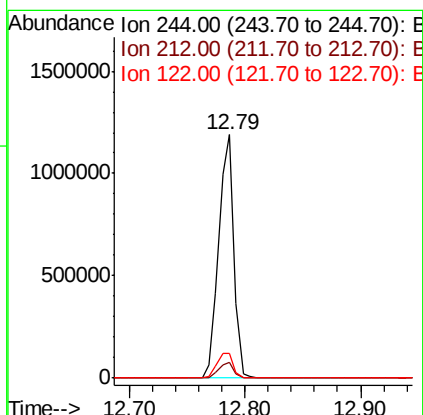
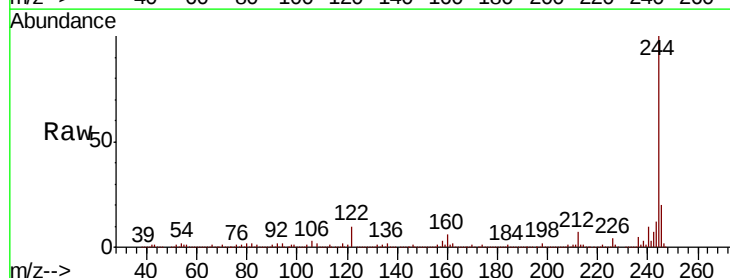
Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPARATOR-2

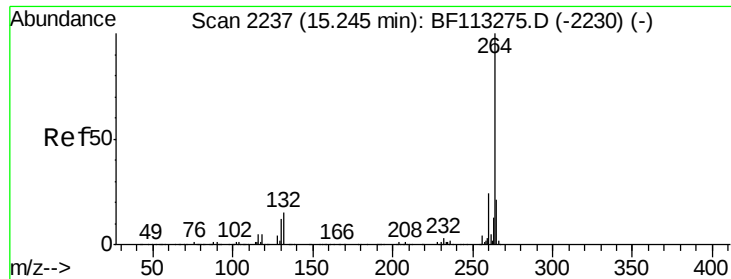
Tgt Ion:240 Resp: 330180
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 72.600 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

Tgt Ion:244 Resp: 1087528
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.1 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113527.D
Acq: 3 Apr 2019 2:45

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

Tgt Ion: 264 Resp: 238705
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.5 17.1 25.7

