

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
 Data File : BF106457.D
 Acq On : 14 Jun 2018 21:58
 Operator : JU/SJ
 Sample : J3469-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Jun 15 01:13:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117939	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	454479	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	186070	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	320850	20.00	ng	0.00
75) Chrysene-d12	14.15	240	289303	20.00	ng	0.00
86) Perylene-d12	15.69	264	210018	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	39164	5.62	ng	0.00
7) Phenol-d6	6.62	99	35836	4.07	ng	0.00
23) Nitrobenzene-d5	7.52	82	61539	7.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	18982	10.60	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	118695	2.15	ng	0.00
78) Terphenyl-d14	13.08	244	96701	8.30	ng	0.00

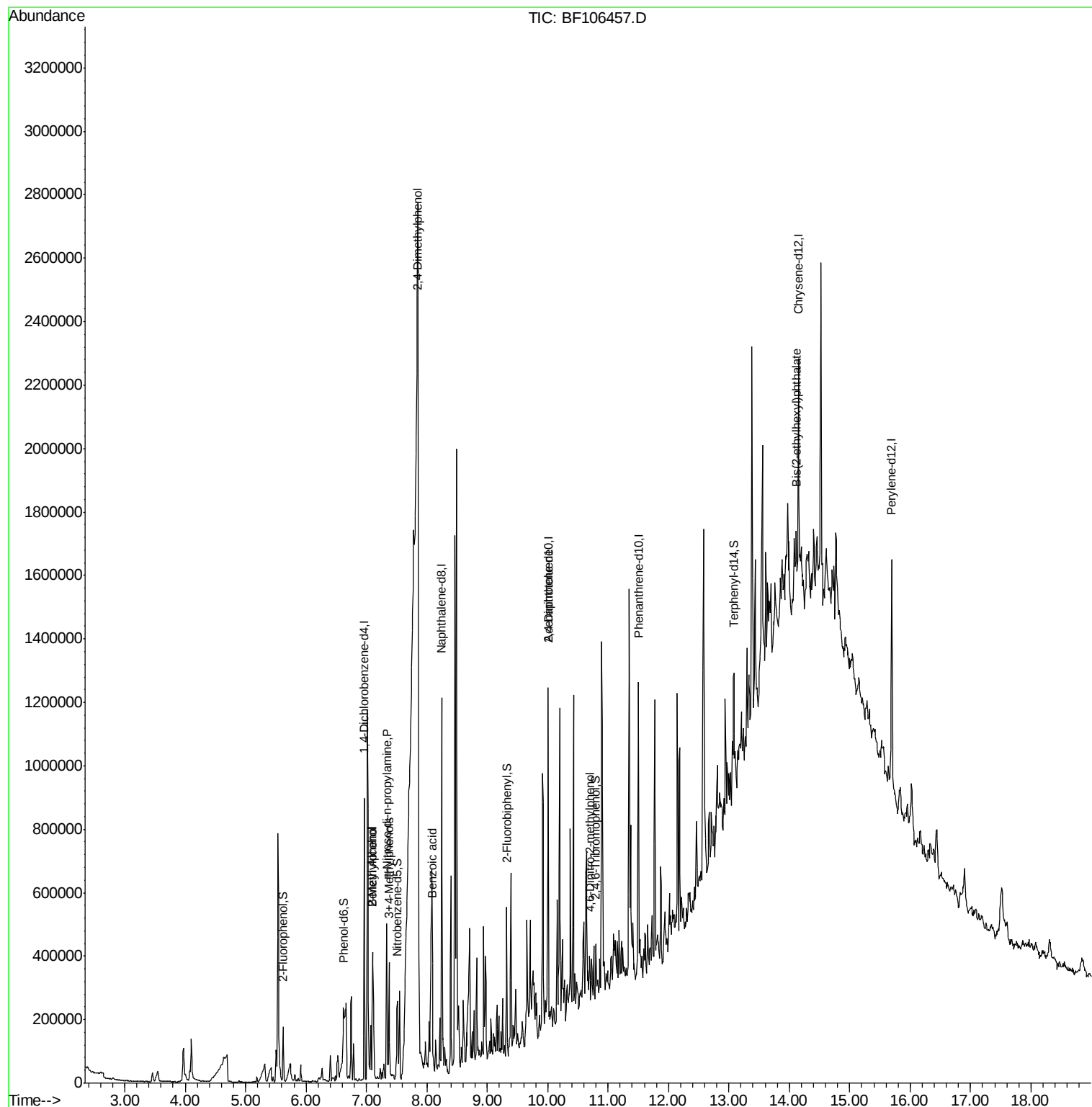
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.10	79	71084	9.428	ng	99
17) 2-Methylphenol	7.10	107	38303	5.729	ng	# 10
19) n-Nitroso-di-n-propylamine	7.34	70	35790	5.419	ng	# 68
20) 3+4-Methylphenols	7.38	107	88614	10.364	ng	86
27) 2,4-Dimethylphenol	7.85	122	54933	8.599	ng	# 78
32) Benzoic acid	8.10	122	113859	27.785	ng	94
56) 2,4-Dinitrotoluene	10.01	165	26462	7.760	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.70	198	110	6.350	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.11	149	47880	4.925	ng	95

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

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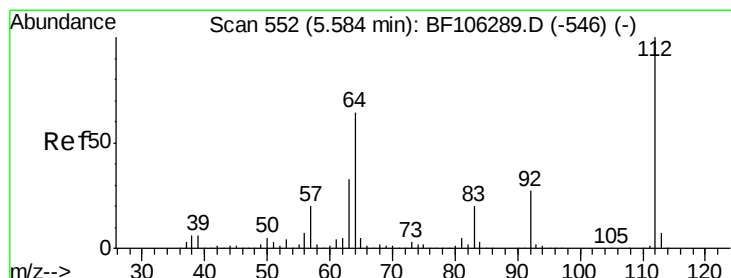
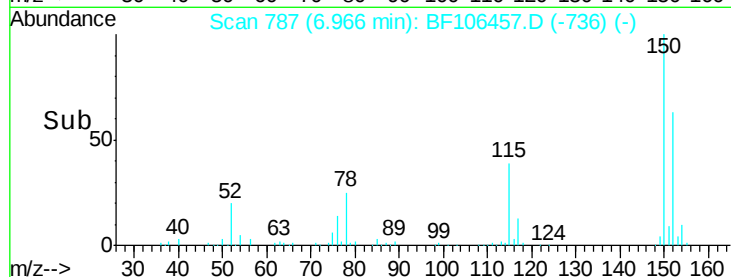
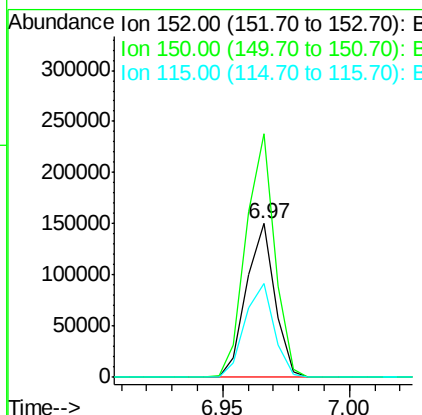
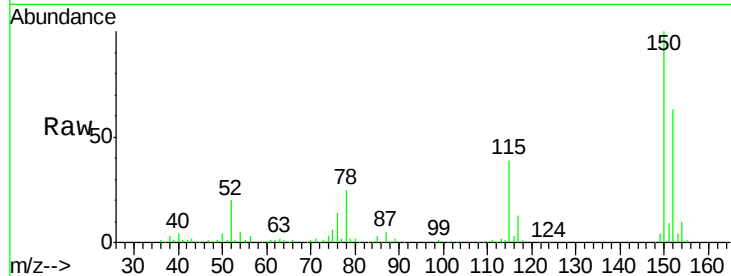




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

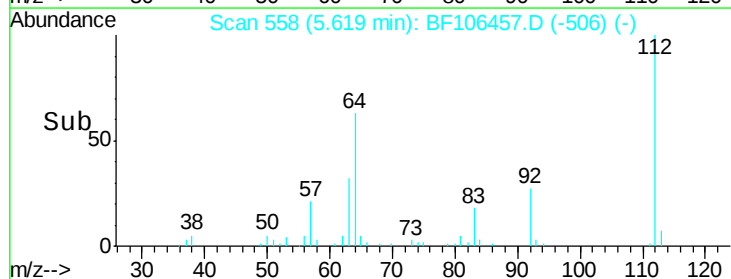
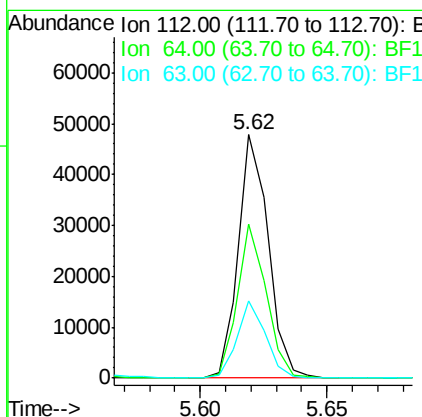
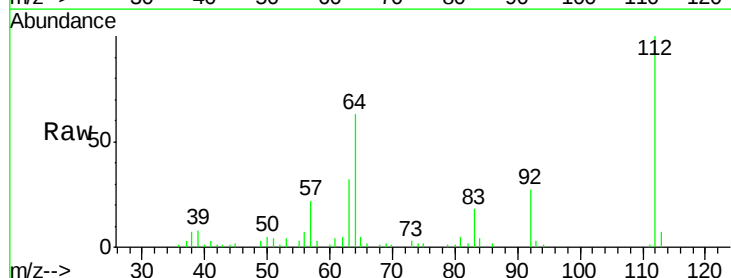
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:152 Resp: 117939
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 5.620 ng
 RT: 5.62 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Tgt Ion:112 Resp: 39164
 Ion Ratio Lower Upper
 112 100
 64 63.3 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 4.070 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

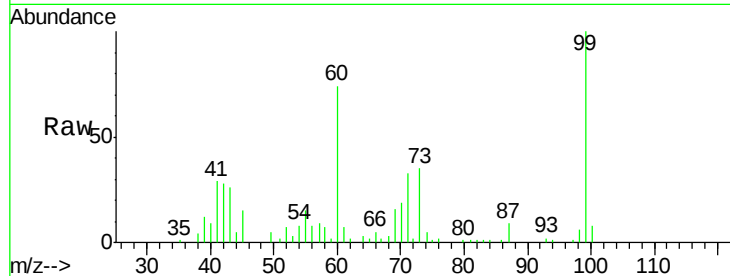
Tgt Ion: 99 Resp: 35836

Ion Ratio Lower Upper

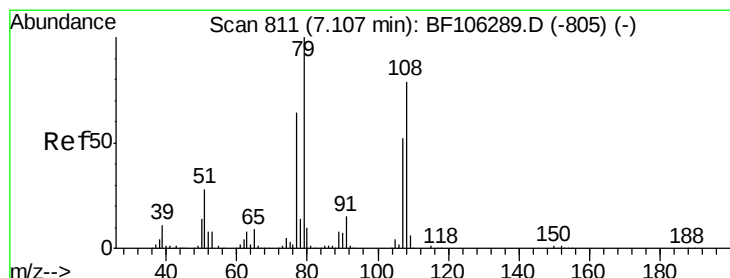
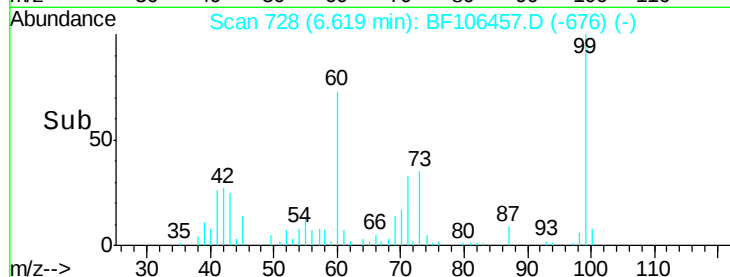
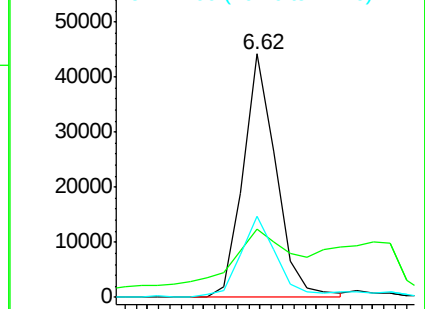
99 100

42 28.0 14.5 21.7#

71 33.2 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 9.428 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

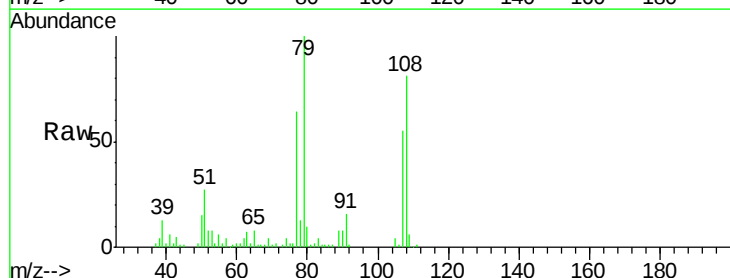
Tgt Ion: 79 Resp: 71084

Ion Ratio Lower Upper

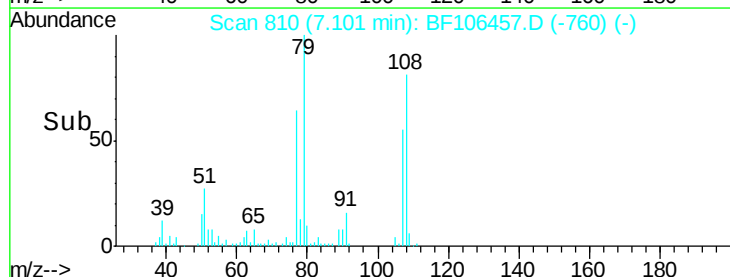
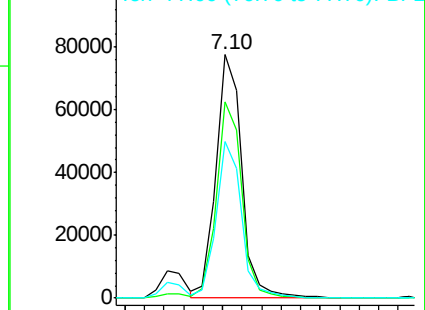
79 100

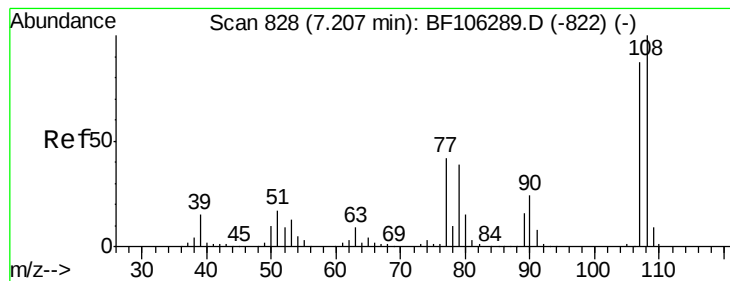
108 80.8 65.1 97.7

77 64.5 50.6 75.8



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: 5.729 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.13 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

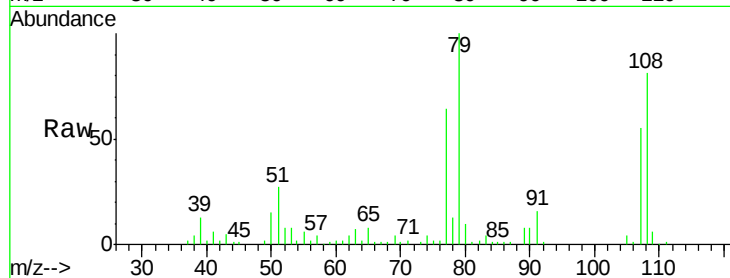
Instrument :

BNA_F

ClientSampled :

OILY-WATER

Tgt Ion:	107	Resp:	38303
Ion Ratio	Lower	Upper	
107	100		
108	148.2	91.7	137.5#
77	118.2	33.8	50.8#
79	183.3	33.8	50.8#

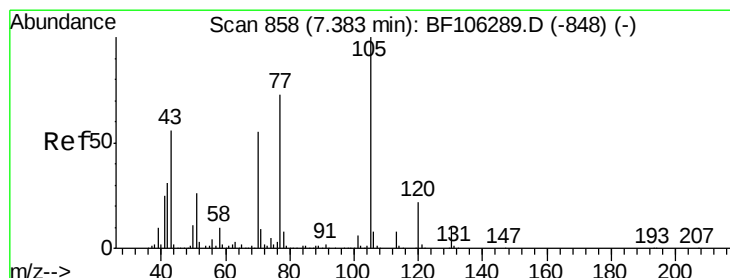
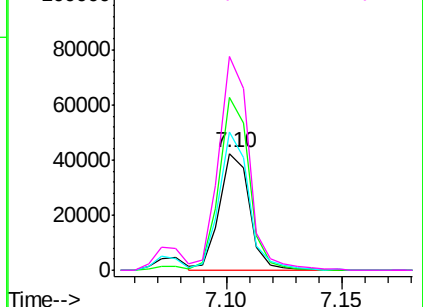
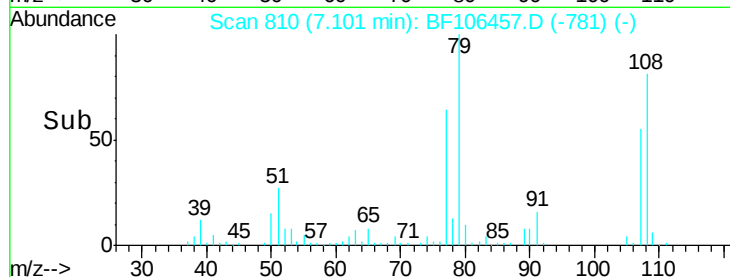


Abundance Ion 107.00 (106.70 to 107.70): E

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



#19

n-Nitroso-di-n-propylamine

Concen: 5.419 ng

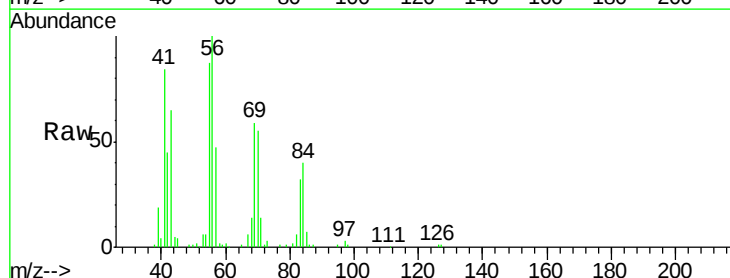
RT: 7.34 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

Tgt Ion:	70	Resp:	35790
Ion Ratio	Lower	Upper	
70	100		
42	80.9	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

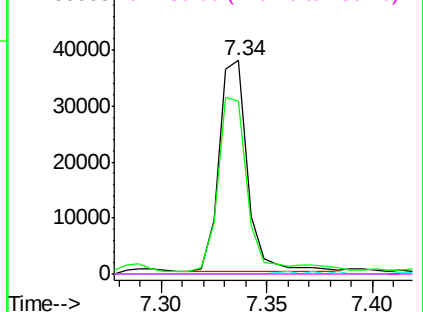
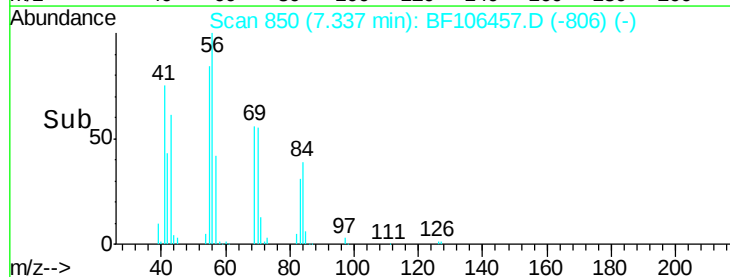


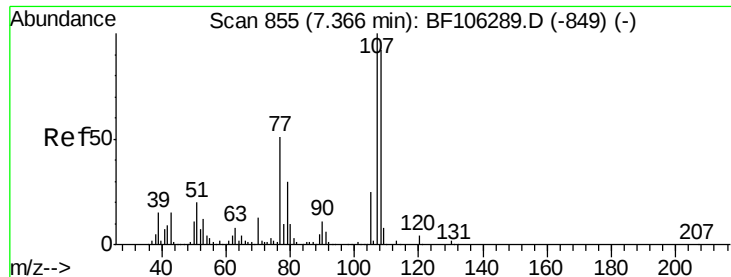
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

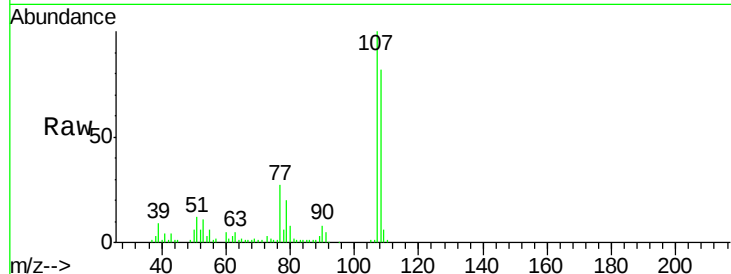




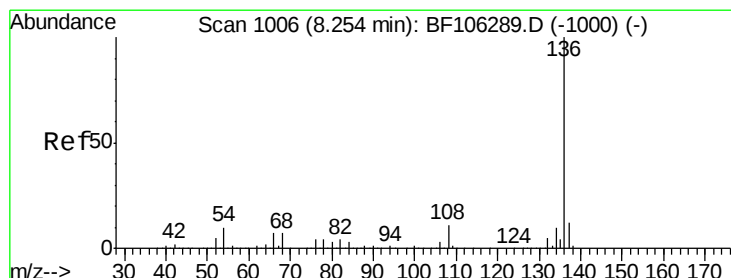
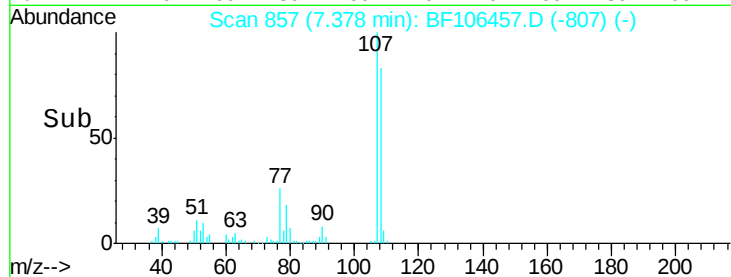
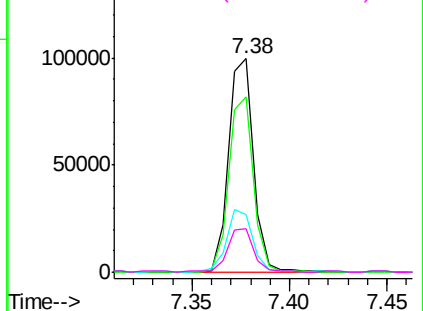
#20
3+4-Methylphenols
Concen: 10.364 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

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Tgt Ion:	107	Resp:	88614
Ion	Ratio	Lower	Upper
107	100		
108	81.9	68.2	108.2
77	27.0	26.7	66.7
79	20.2	6.3	46.3

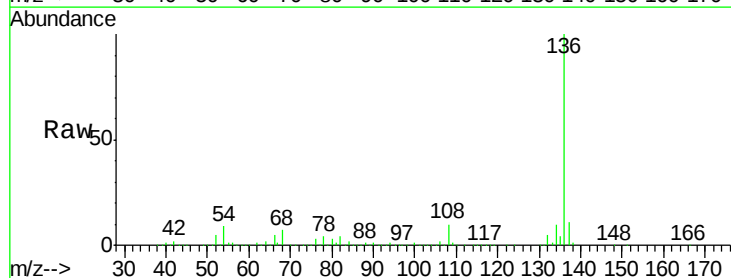


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

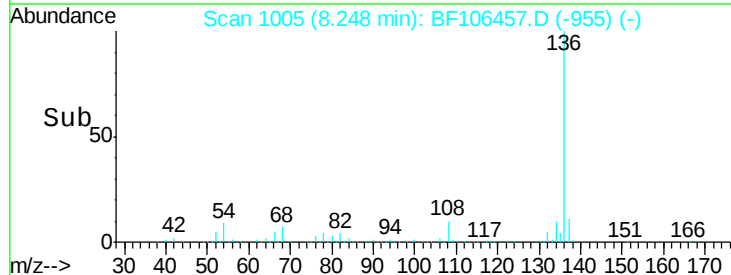
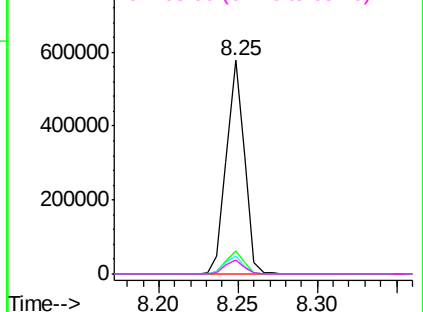


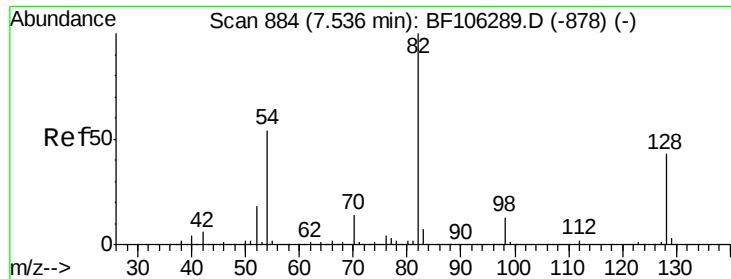
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

Tgt Ion:	136	Resp:	454479
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4



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

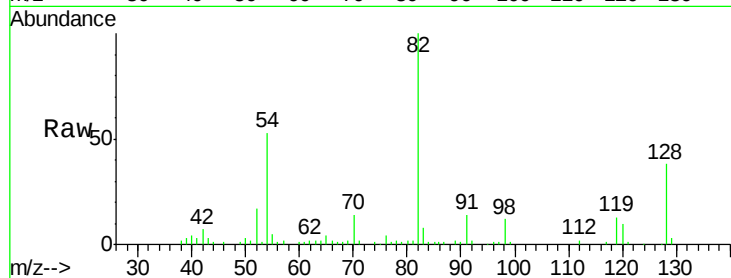




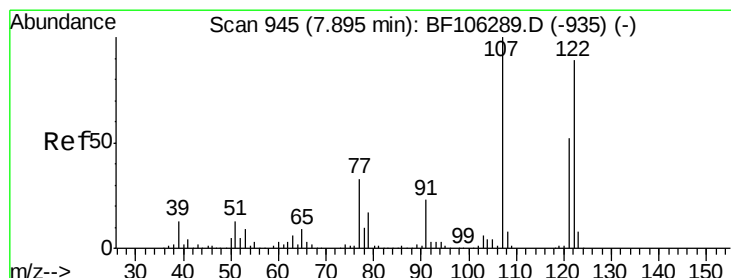
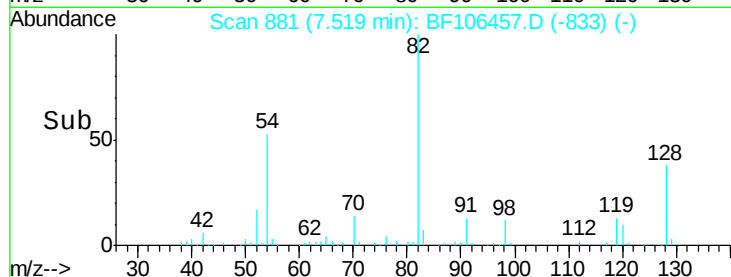
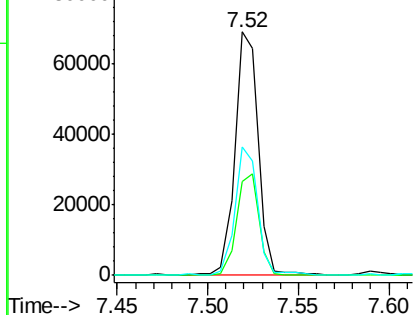
#23
 Nitrobenzene-d5
 Concen: 7.966 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion: 82 Resp: 61539
 Ion Ratio Lower Upper
 82 100
 128 38.4 36.1 54.1
 54 52.5 41.4 62.2

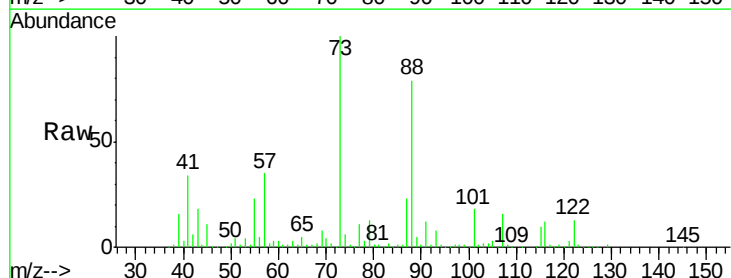


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

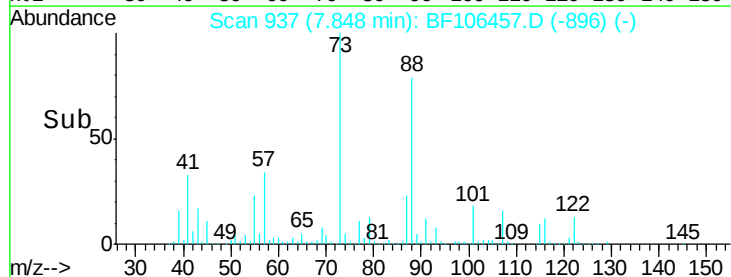
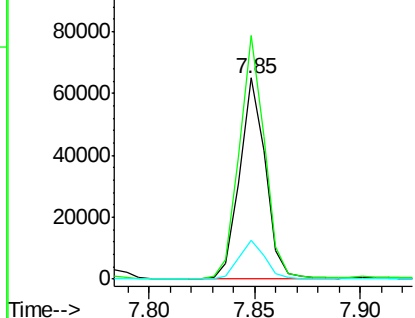


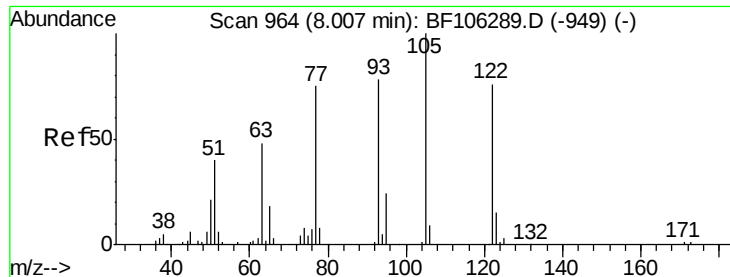
#27
 2,4-Dimethylphenol
 Concen: 8.599 ng
 RT: 7.85 min Scan# 937
 Delta R.T. -0.06 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Tgt Ion: 122 Resp: 54933
 Ion Ratio Lower Upper
 122 100
 107 121.1 91.2 136.8
 121 19.6 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 107.00 (106.70 to 107.70): BF1
 Ion 121.00 (120.70 to 121.70): BF1

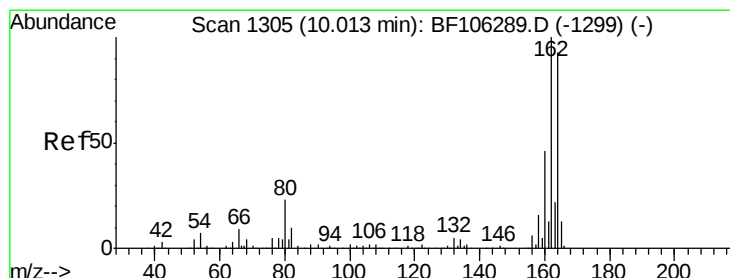
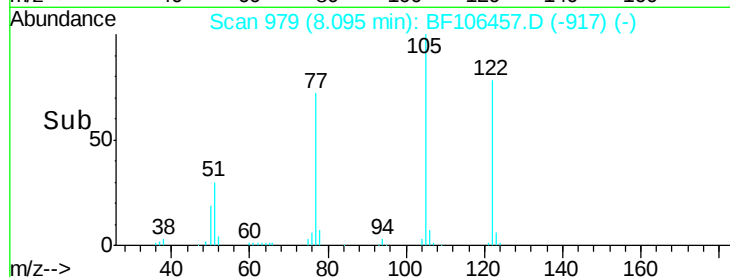
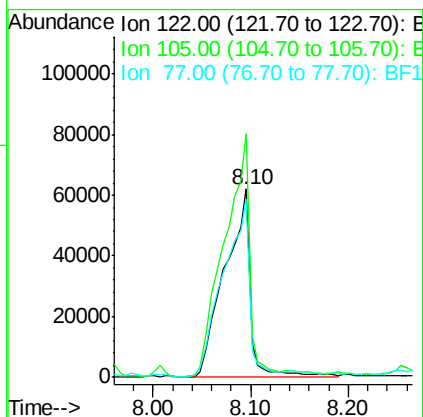
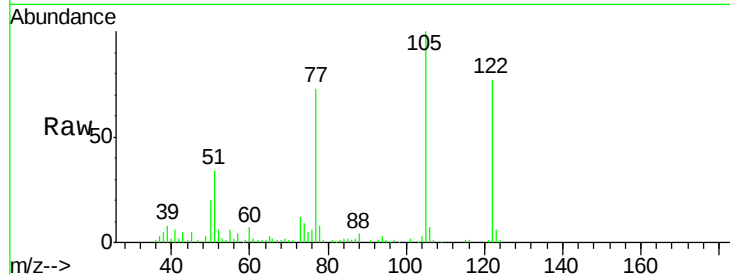




#32
Benzoic acid
Concen: 27.785 ng
RT: 8.10 min Scan# 979
Delta R.T. 0.06 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

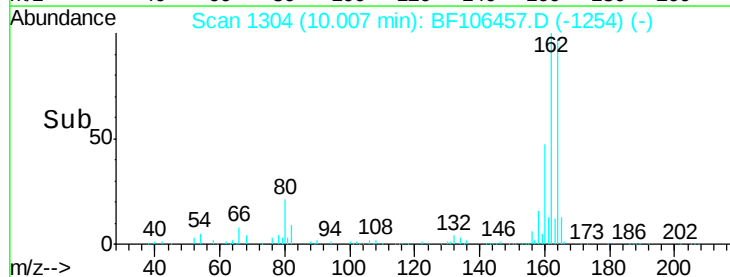
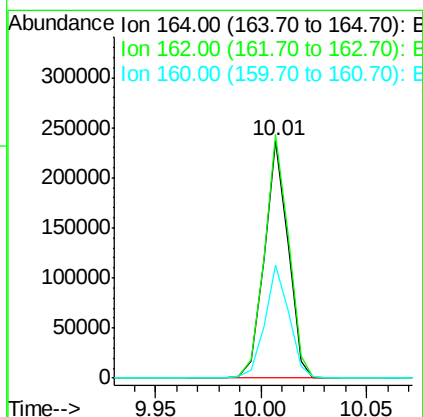
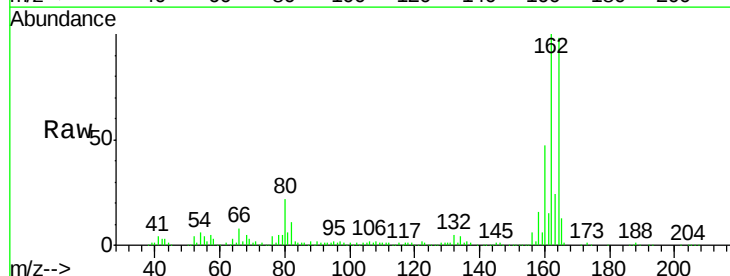
Instrument :
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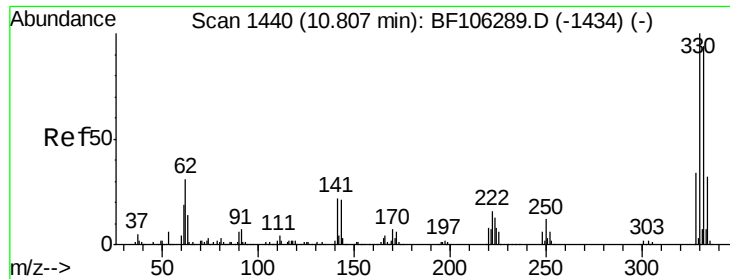
Tgt Ion:122 Resp: 113859
Ion Ratio Lower Upper
122 100
105 129.5 101.1 141.1
77 94.8 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

Tgt Ion:164 Resp: 186070
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 47.7 38.3 57.5

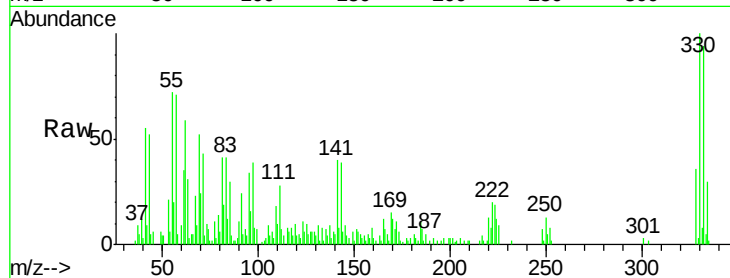




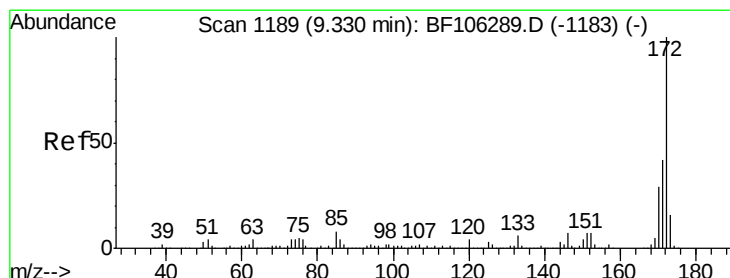
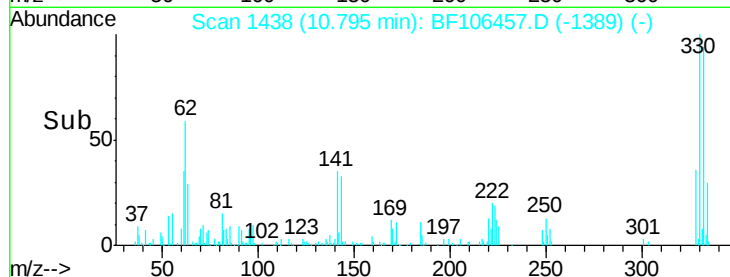
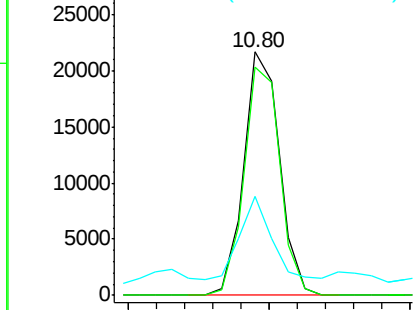
#41
 2,4,6-Tribromophenol
 Concen: 10.603 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:330 Resp: 18982
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 30.3 29.9 44.9

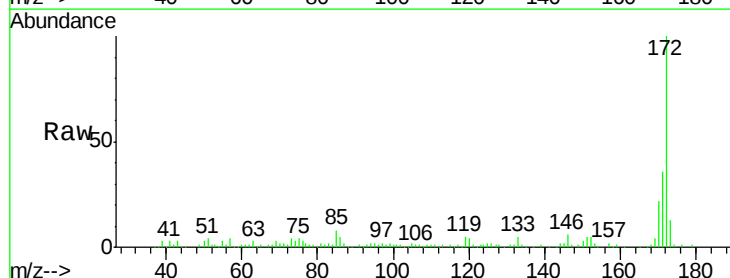


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

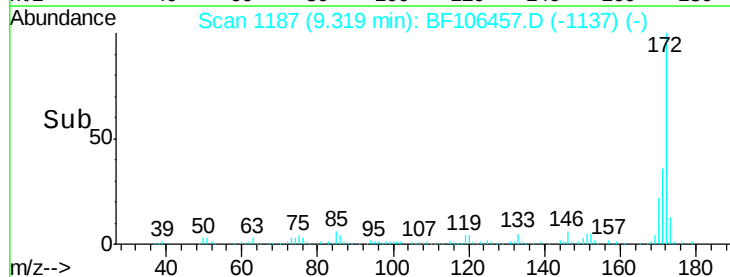
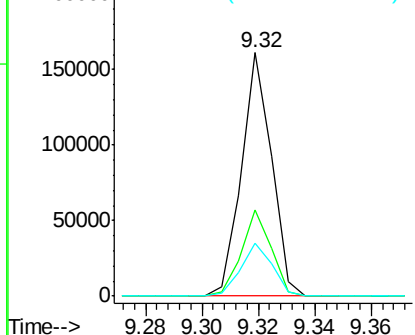


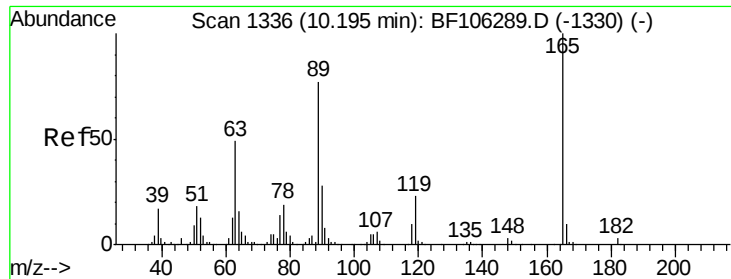
#44
 2-Fluorobiphenyl
 Concen: 2.155 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Tgt Ion:172 Resp: 118695
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 21.8 19.6 29.4



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

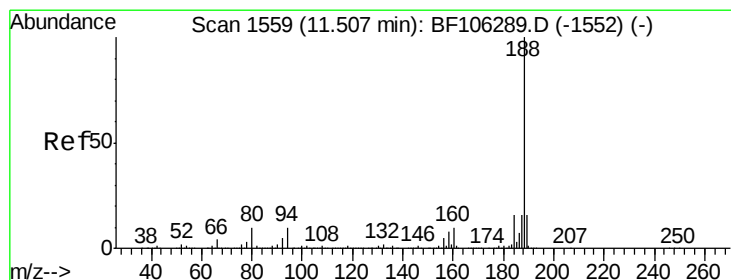
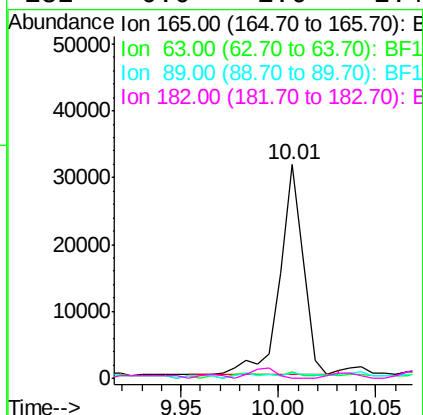
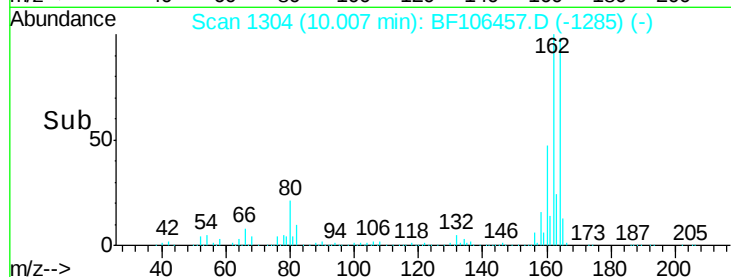
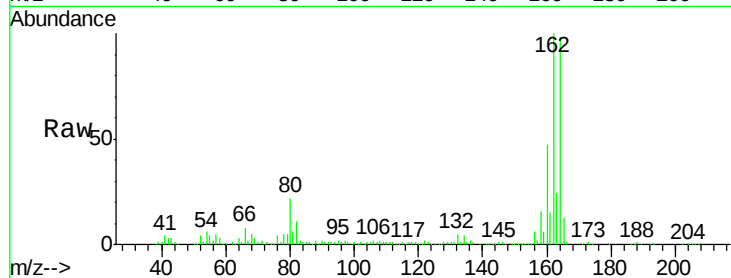




#56
2,4-Dinitrotoluene
Concen: 7.760 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

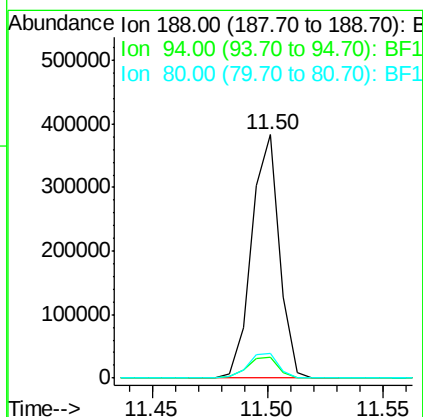
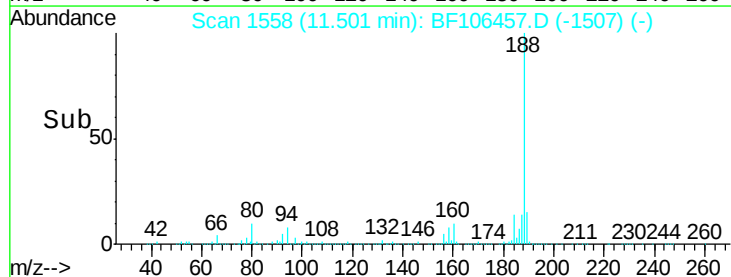
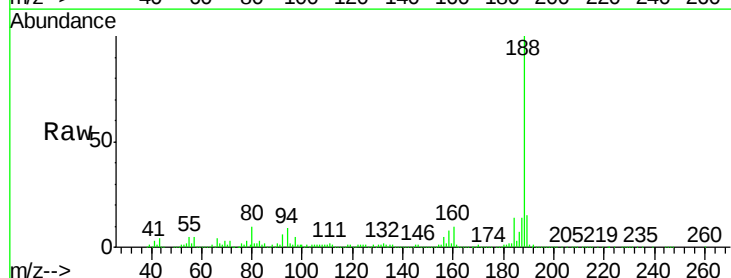
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

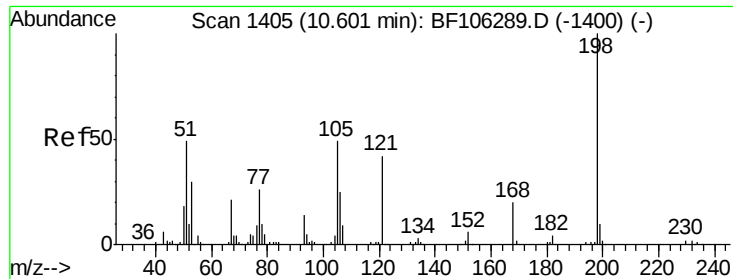
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	10.3	9.2	13.8

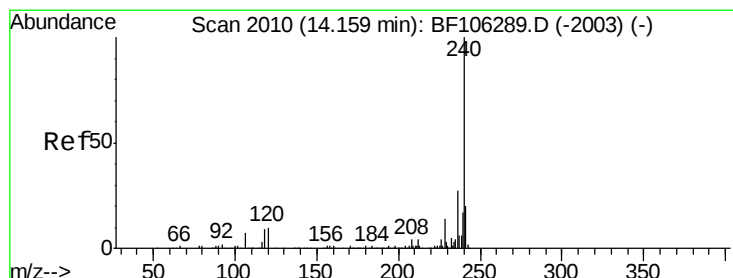
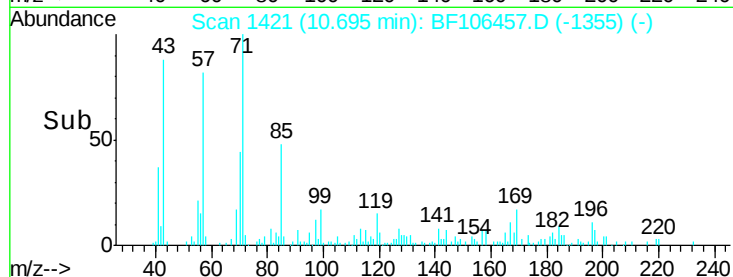
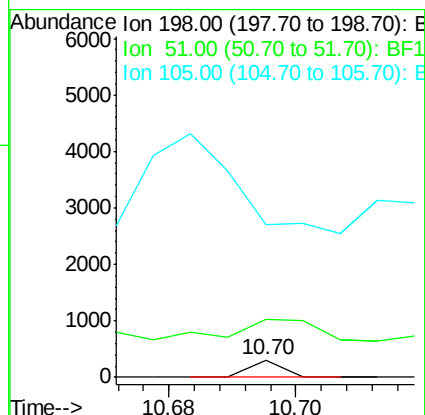
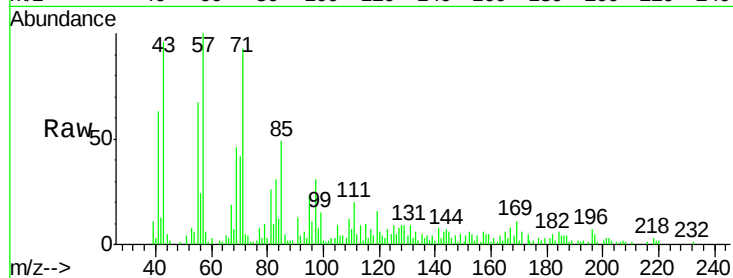




#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.350 ng
 RT: 10.70 min Scan# 1421
 Delta R.T. 0.09 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

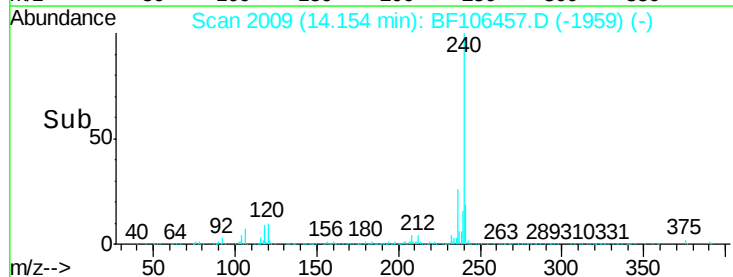
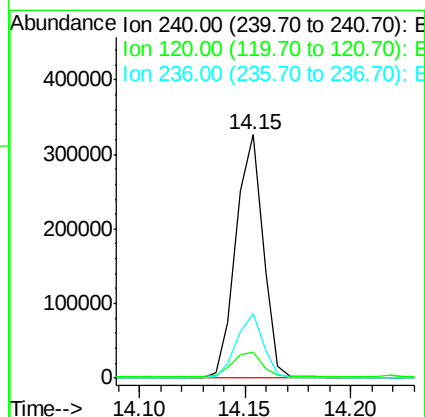
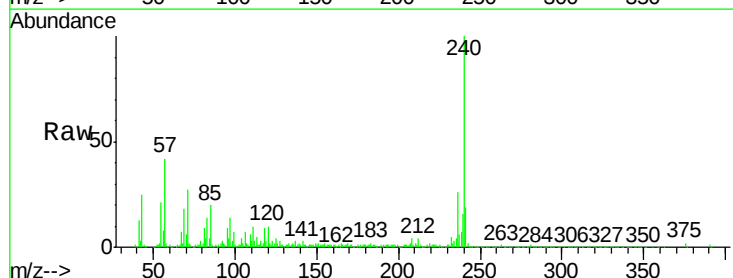
Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

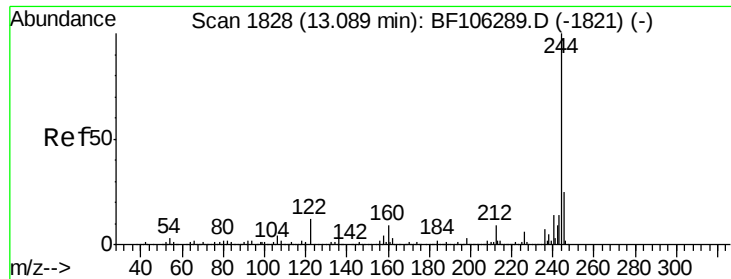
Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 51 328.4 37.7 77.7#
 105 863.9 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF106457.D
 Acq: 14 Jun 2018 21:58

Tgt Ion:240 Resp: 289303
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 8.302 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

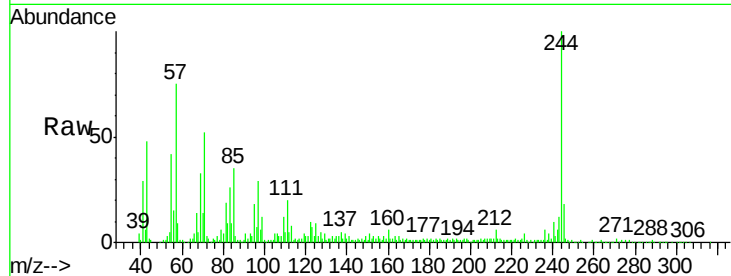
Tgt Ion:244 Resp: 96701

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

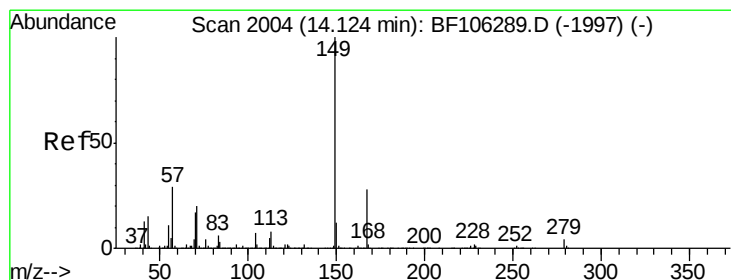
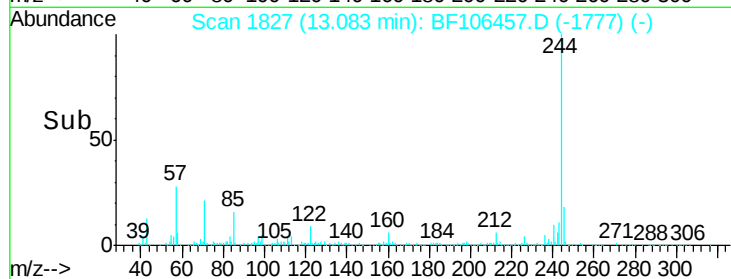
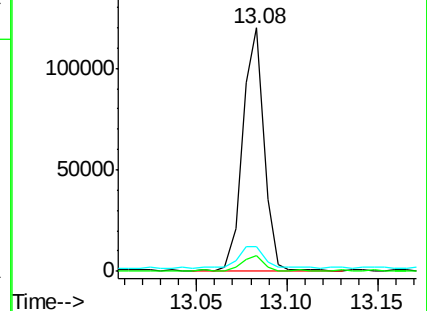
122 10.0 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.925 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106457.D

Acq: 14 Jun 2018 21:58

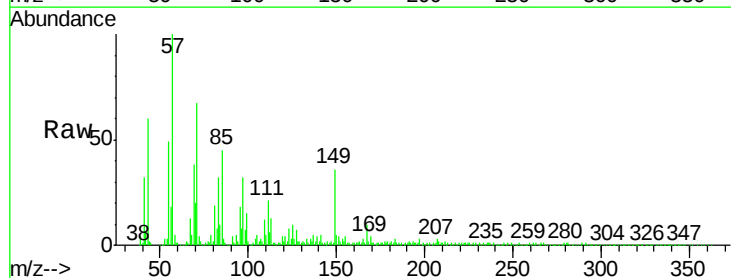
Tgt Ion:149 Resp: 47880

Ion Ratio Lower Upper

149 100

167 29.2 21.3 31.9

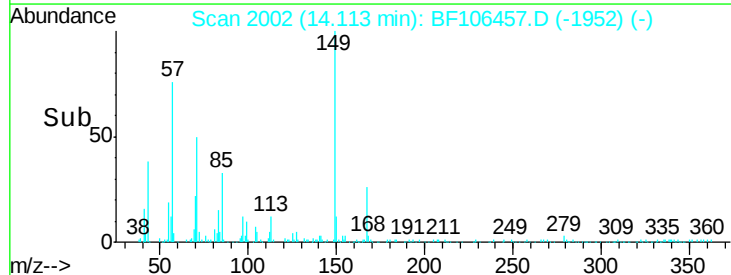
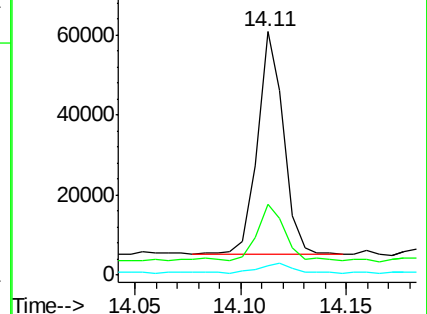
279 3.8 3.0 4.4

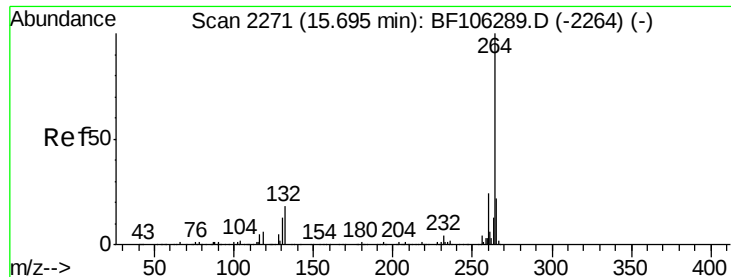


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

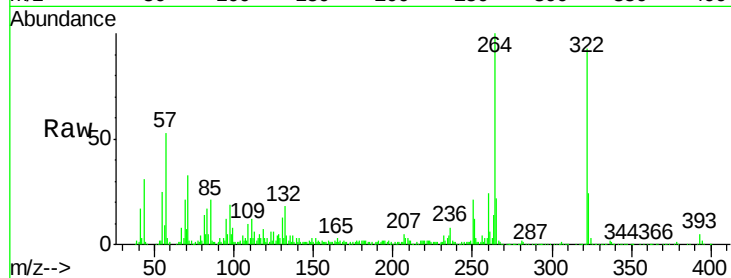




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF106457.D
Acq: 14 Jun 2018 21:58

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 264 Resp: 210018
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

