

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111622.D
 Acq On : 20 Dec 2018 5:59
 Operator : JU/SJ
 Sample : J6462-06 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Quant Time: Dec 20 07:37:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

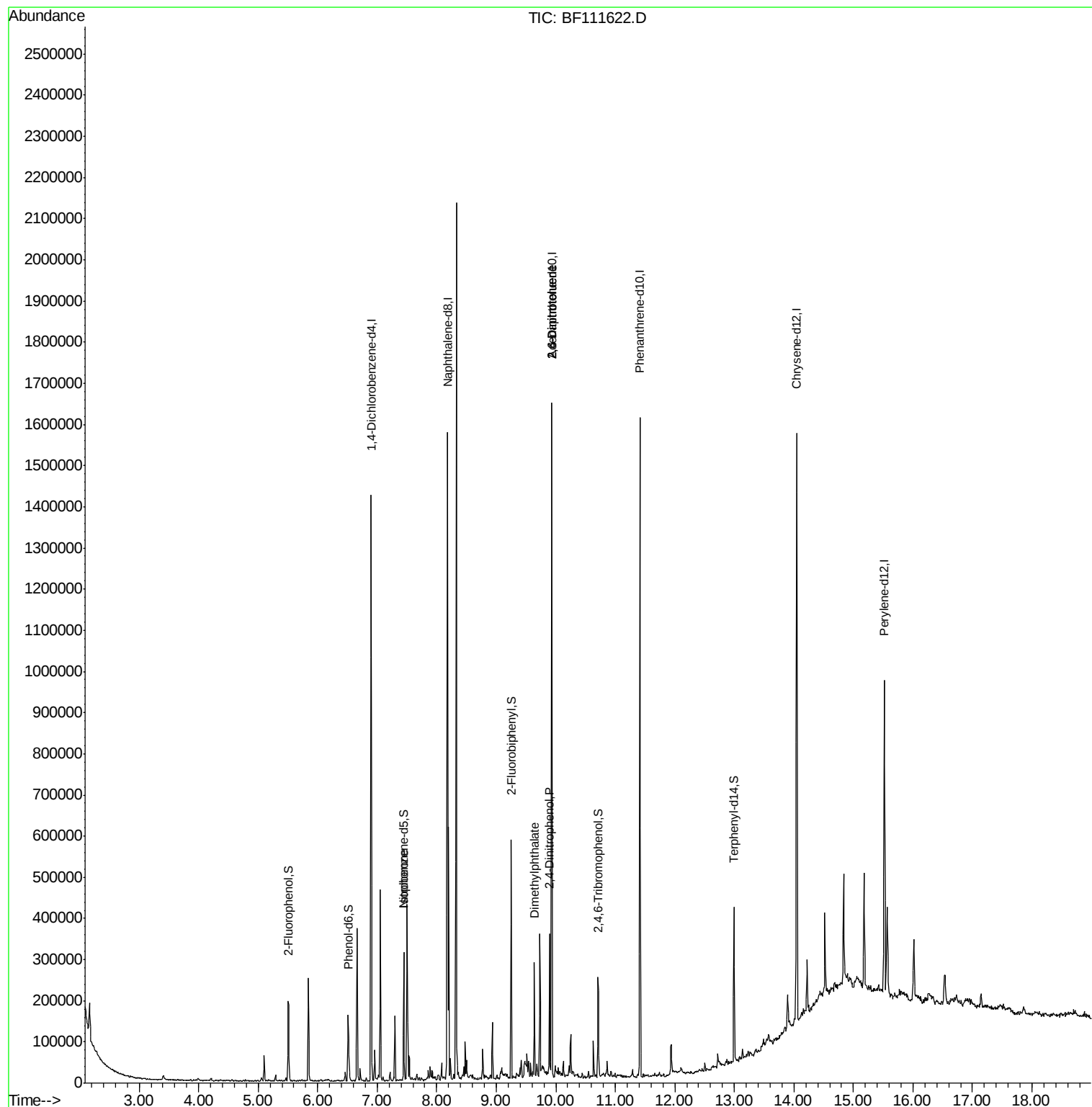
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	186851	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	692544	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	306467	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	544030	20.00	ng	0.00
76) Chrysene-d12	14.04	240	504448	20.00	ng	0.00
87) Perylene-d12	15.52	264	347726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	49169	4.49	ng	0.00
7) Phenol-d6	6.51	99	40376	2.89	ng	-0.01
23) Nitrobenzene-d5	7.45	82	79200	6.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	27379	7.56	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	152527	7.25	ng	0.00
79) Terphenyl-d14	12.99	244	108909	4.09	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	79200	3.750	ng	Qvalue # 64
50) Dimethylphthalate	9.64	163	93242	4.161	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	39280	8.790	ng	# 29
54) 2,4-Dinitrophenol	9.89	184	107	7.375	ng	# 12
57) 2,4-Dinitrotoluene	9.93	165	39280	7.314	ng	# 25

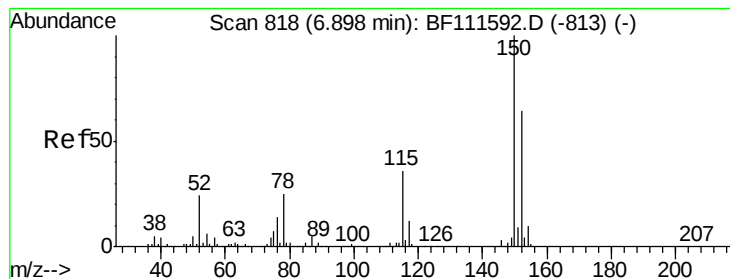
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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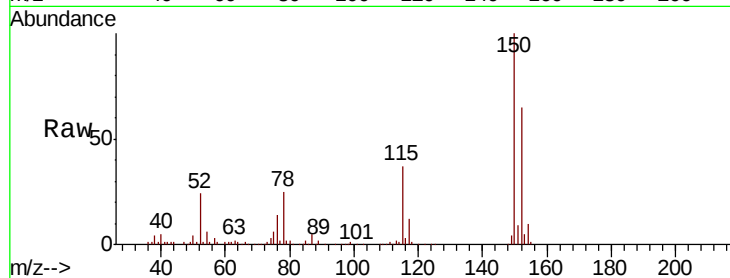


#1

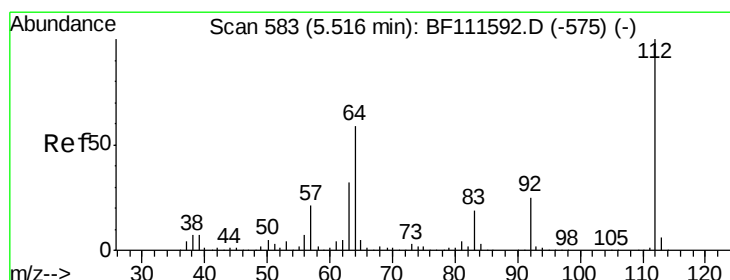
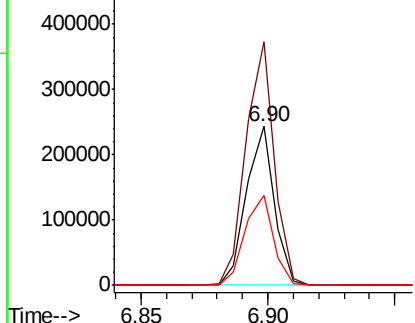
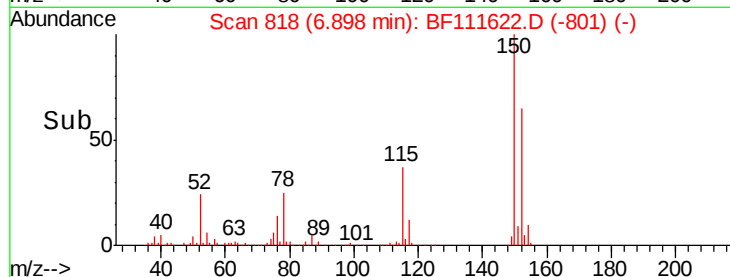
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.6	189.8
115	56.4	50.7	76.1



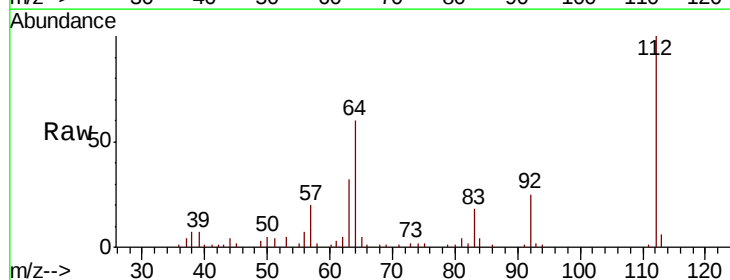
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



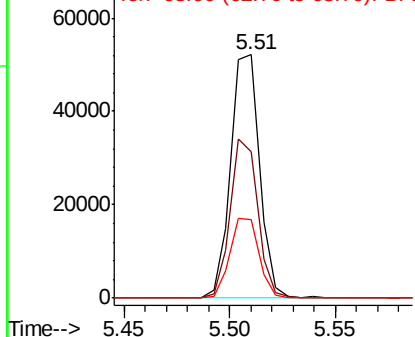
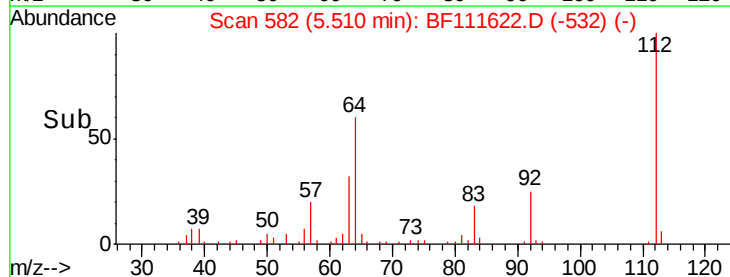
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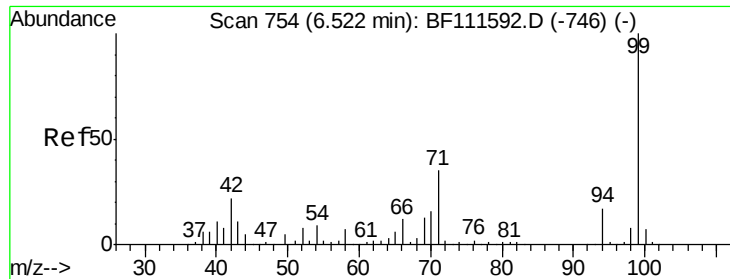
2-Fluorophenol
Concen: 4.485 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.8	77.6
63	32.2	26.8	40.2



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: 2.894 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111622.D

Acq: 20 Dec 2018 5:59

Instrument :

BNA_F

ClientSampleId :

OILY-WATER

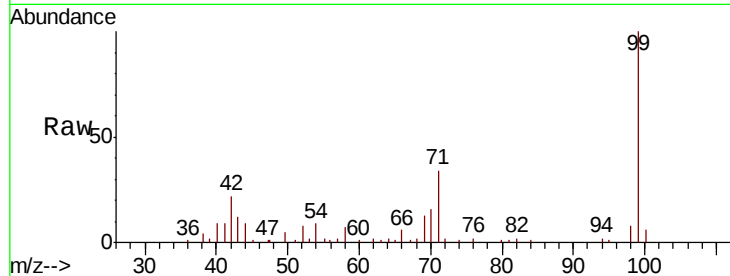
Tgt Ion: 99 Resp: 40376

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

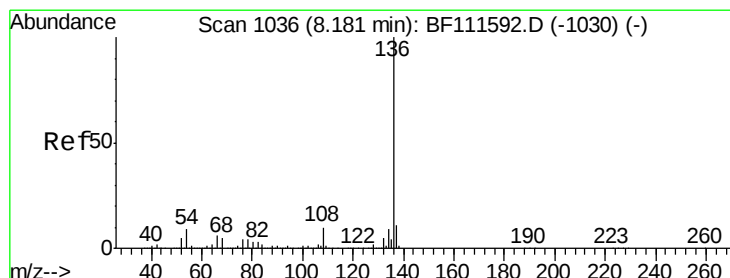
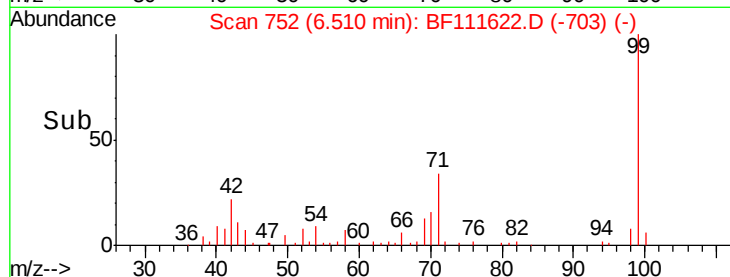
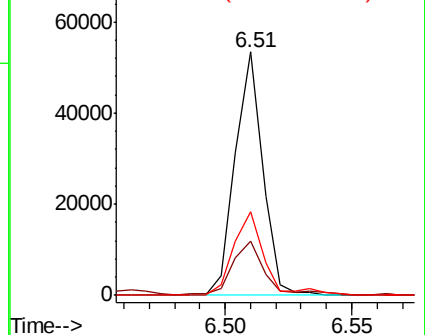
71 34.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111622.D

Acq: 20 Dec 2018 5:59

Tgt Ion: 136 Resp: 692544

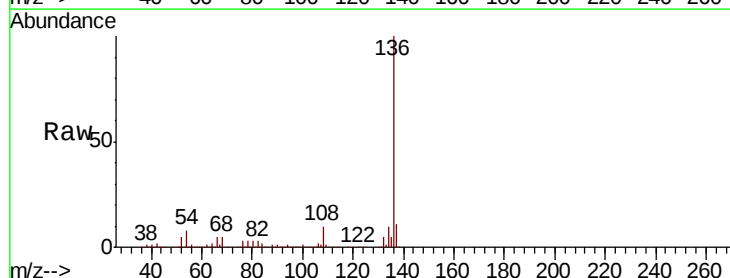
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.4 7.7 11.5

68 5.1 4.9 7.3

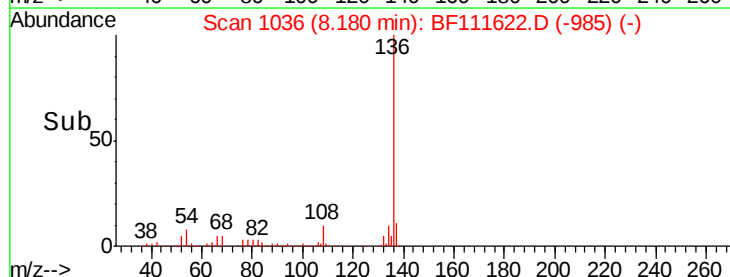
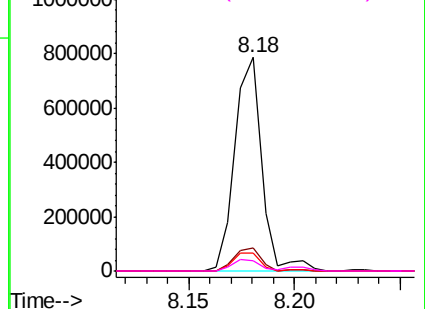


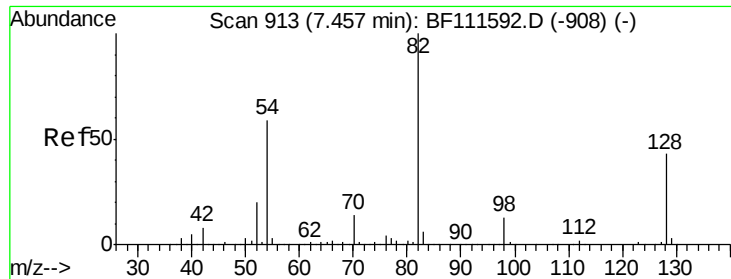
Abundance Ion 136.00 (135.70 to 136.70): E

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

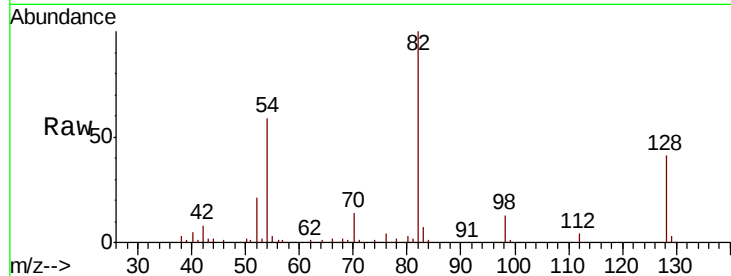




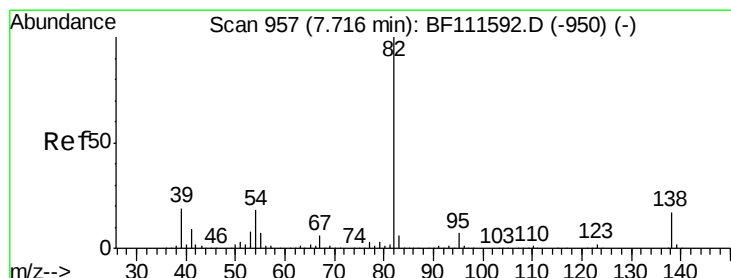
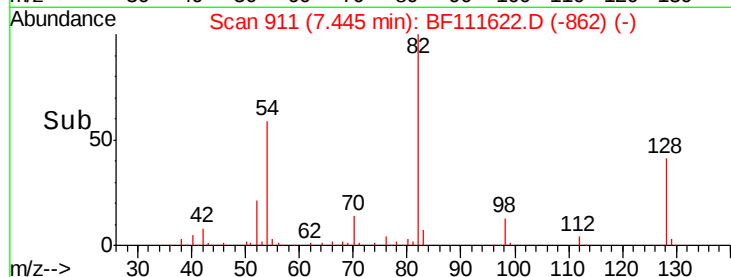
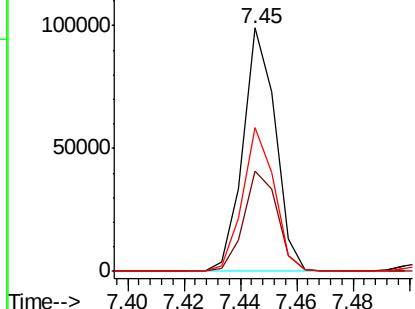
#23
Nitrobenzene-d5
Concen: 6.657 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 82 Resp: 79200
Ion Ratio Lower Upper
82 100
128 41.1 37.4 56.2
54 59.2 47.6 71.4

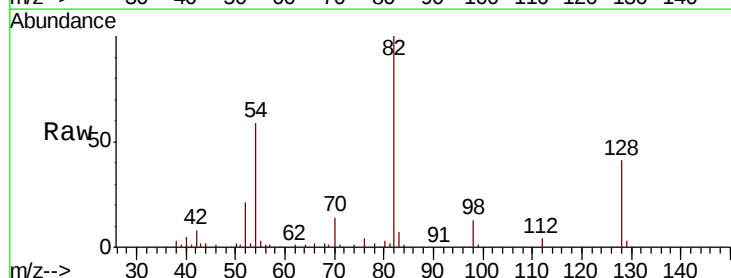


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

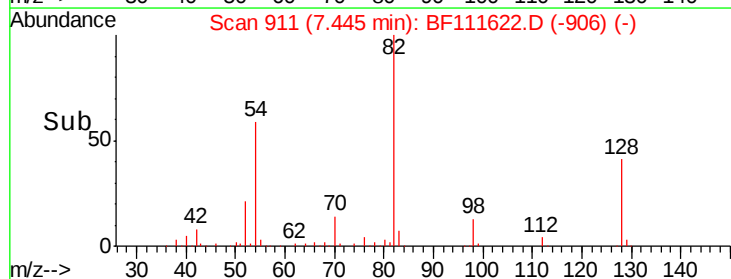
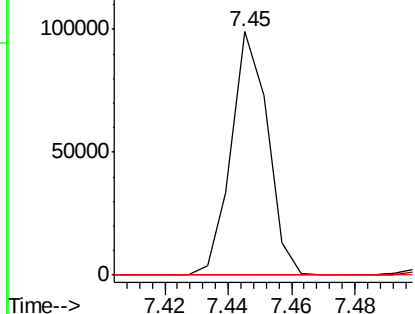


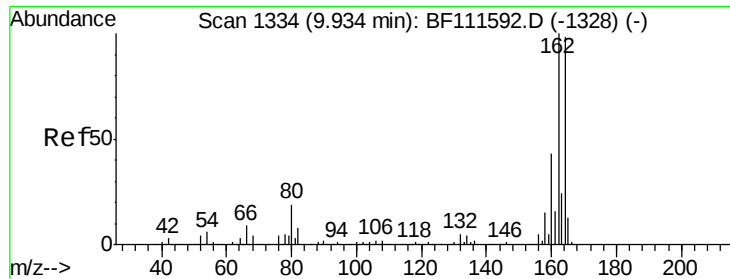
#25
Isophorone
Concen: 3.750 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Tgt Ion: 82 Resp: 79200
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

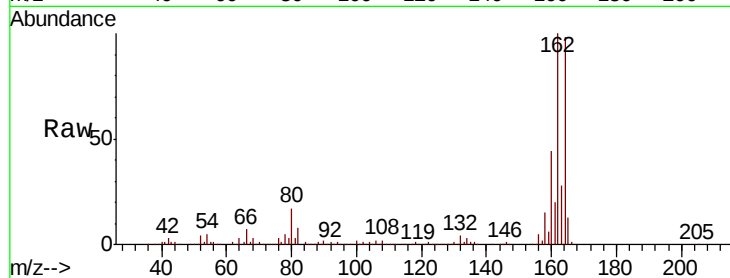




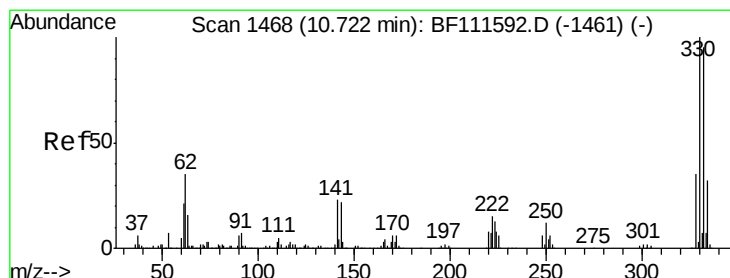
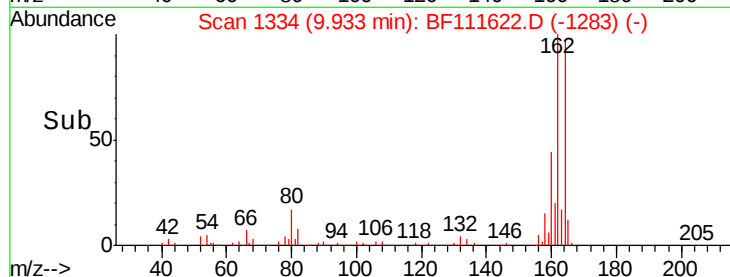
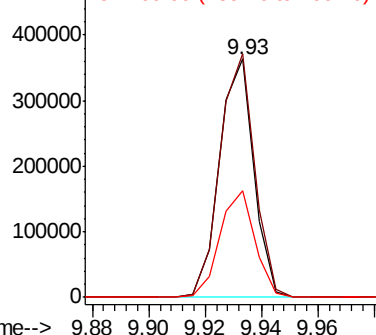
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111622.D
 Acq: 20 Dec 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.7	35.7	53.5

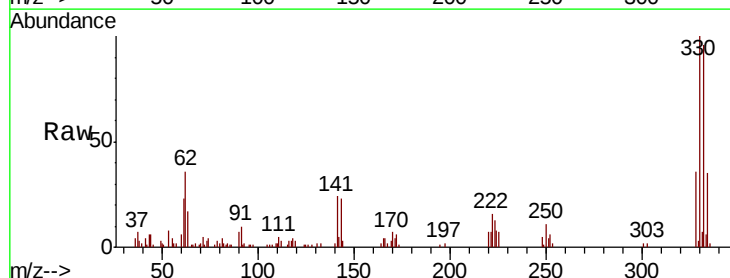


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

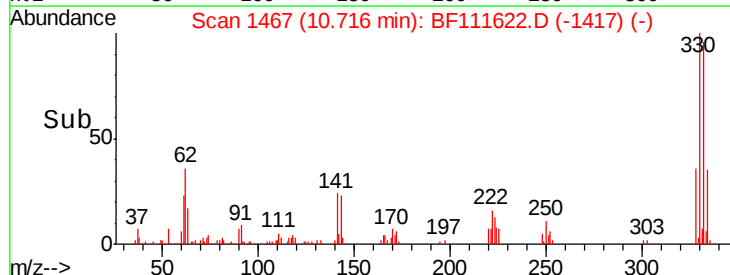
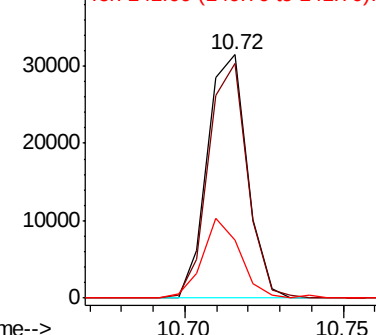


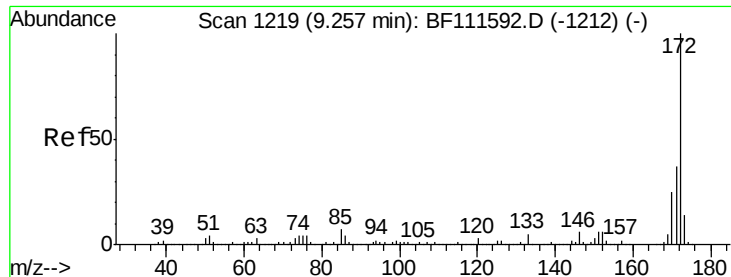
#42
 2,4,6-Tribromophenol
 Concen: 7.561 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111622.D
 Acq: 20 Dec 2018 5:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.0	114.0
141	31.1	31.0	46.6



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

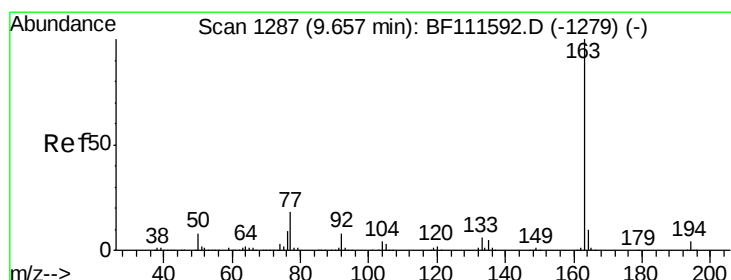
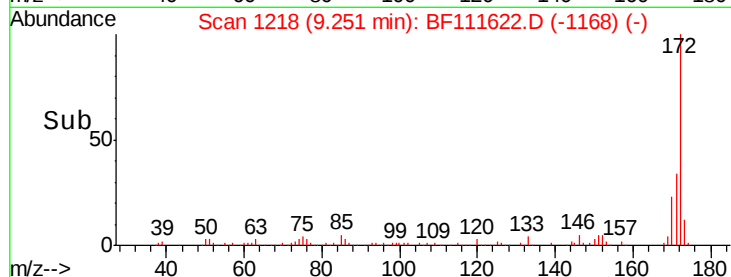
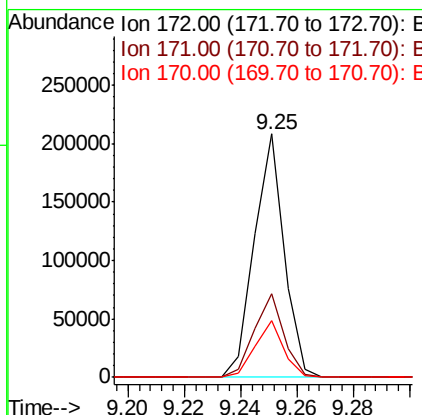
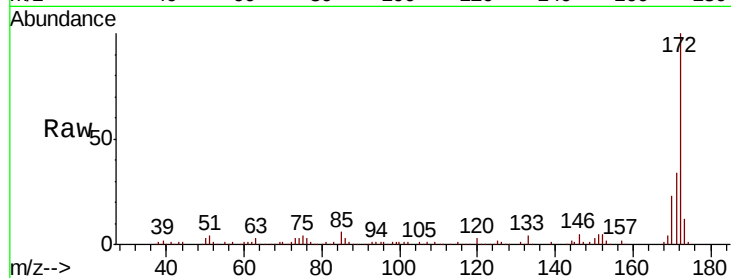




#45
2-Fluorobiphenyl
Concen: 7.254 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

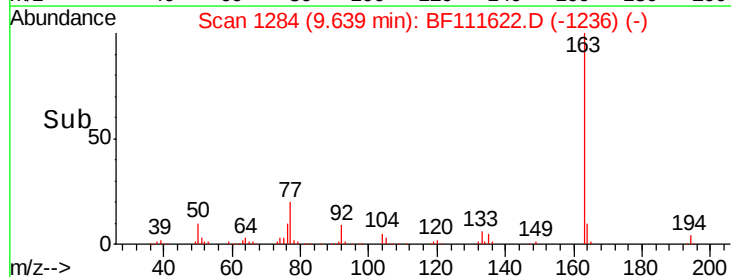
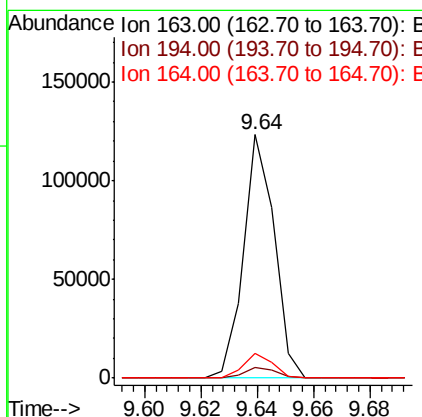
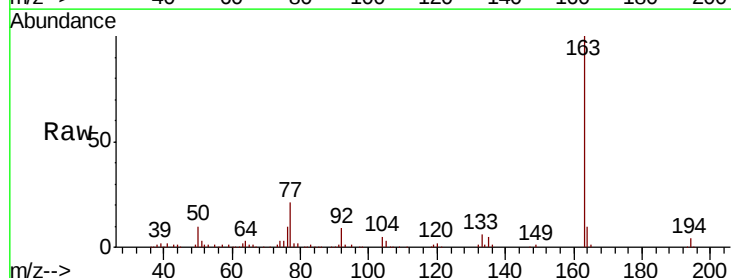
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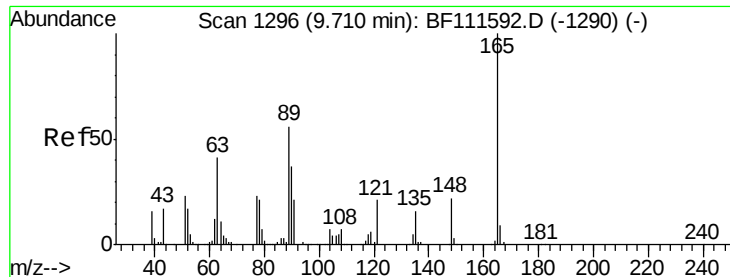
Tgt Ion:	172	Resp:	152527
Ion	Ratio	Lower	Upper
172	100		
171	34.4	33.0	49.4
170	23.4	22.3	33.5



#50
Dimethylphthalate
Concen: 4.161 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Tgt Ion:	163	Resp:	93242
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.3	8.9	13.3

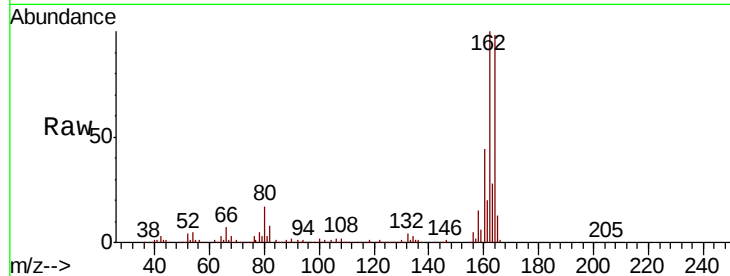




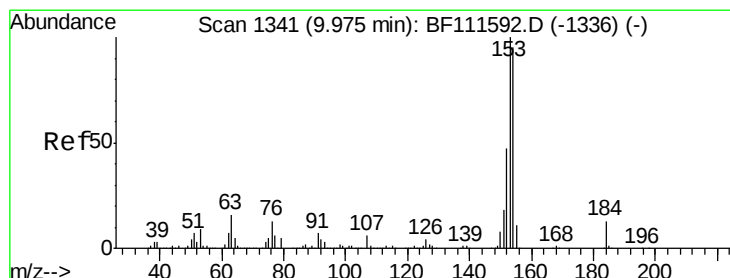
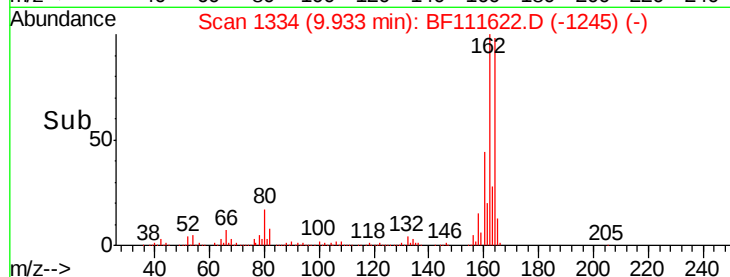
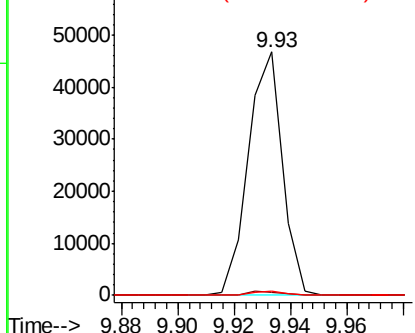
#51
 2,6-Dinitrotoluene
 Concen: 8.790 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF111622.D
 Acq: 20 Dec 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tgt Ion:165 Resp: 39280
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.5 60.7#
 89 1.5 40.0 60.0#

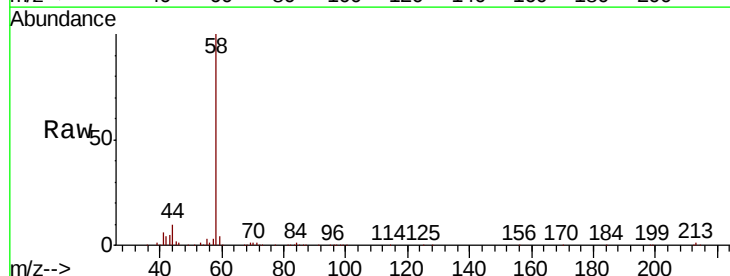


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

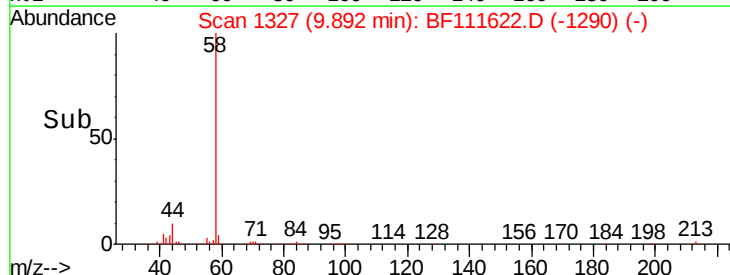
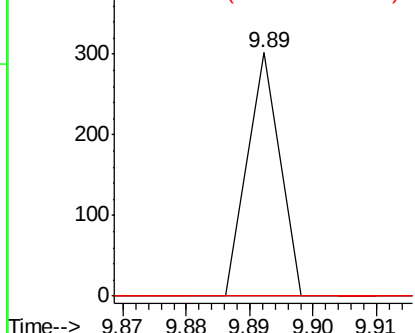


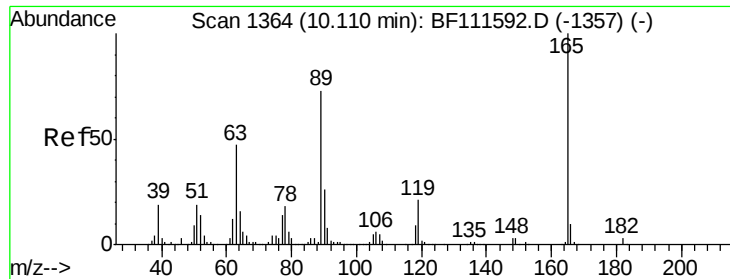
#54
 2,4-Dinitrophenol
 Concen: 7.375 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.08 min
 Lab File: BF111622.D
 Acq: 20 Dec 2018 5:59

Tgt Ion:184 Resp: 107
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.3 93.5#
 154 0.0 56.2 84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

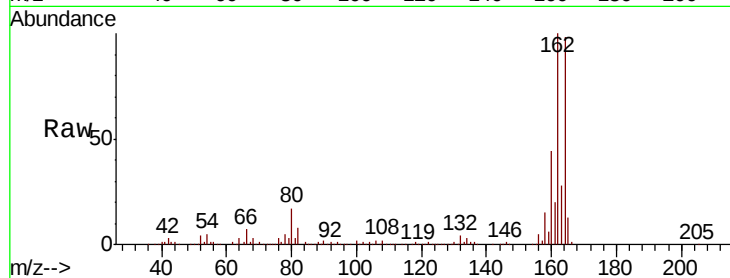




#57
2,4-Dinitrotoluene
Concen: 7.314 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

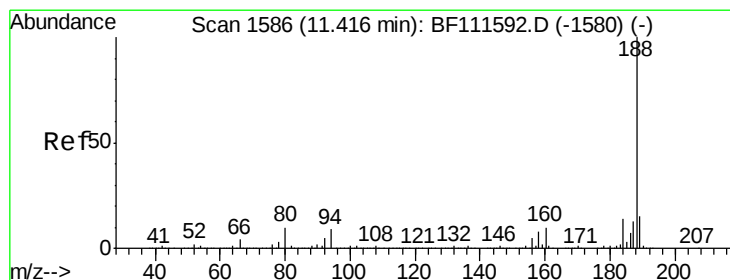
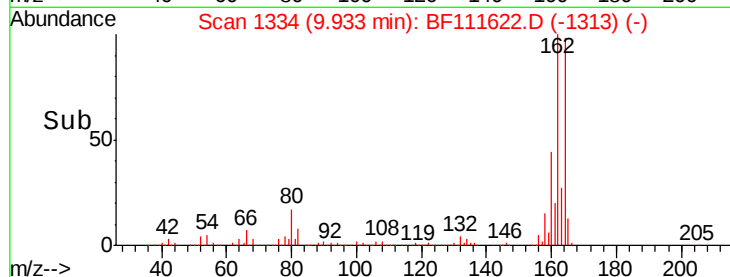
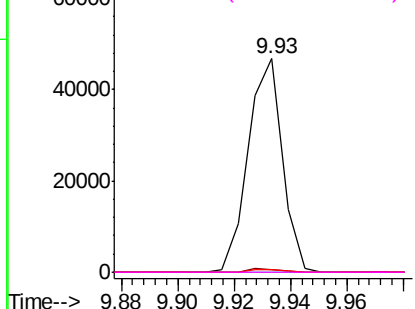


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

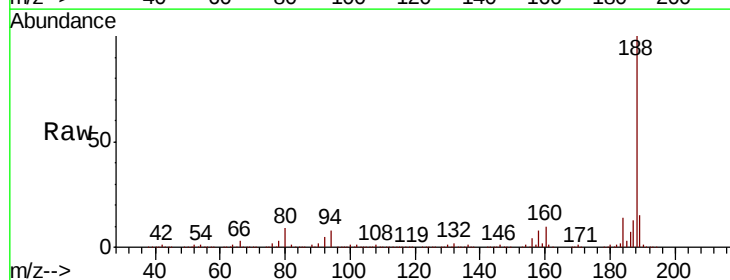
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

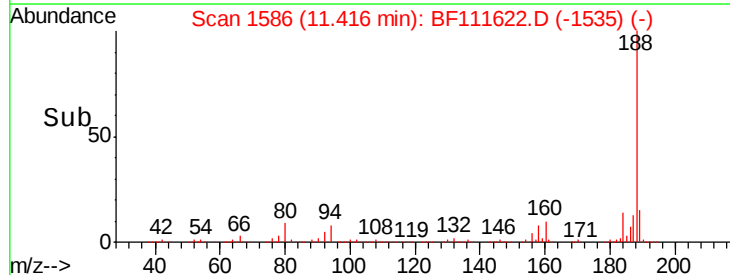
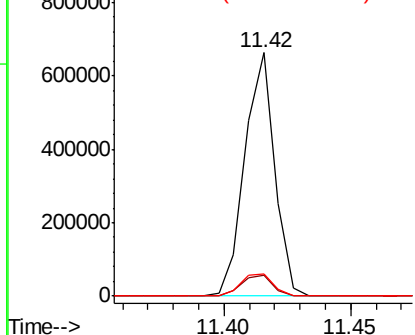
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.6	14.4#
80	9.3	9.8	14.6#

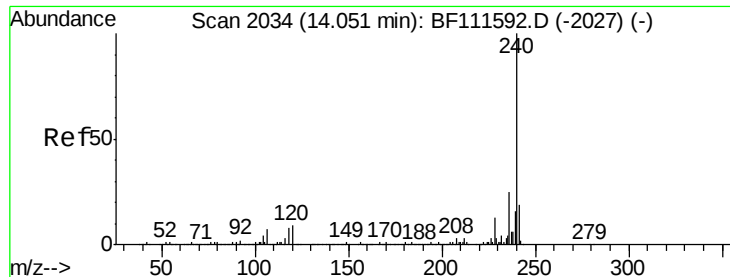


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

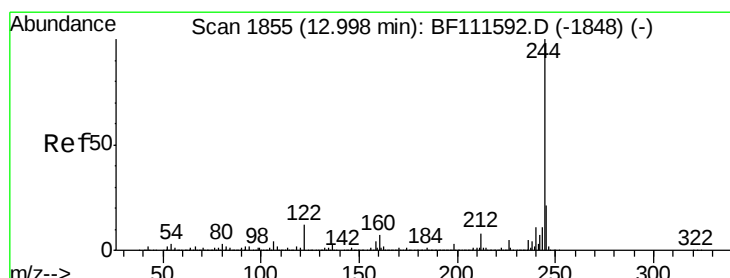
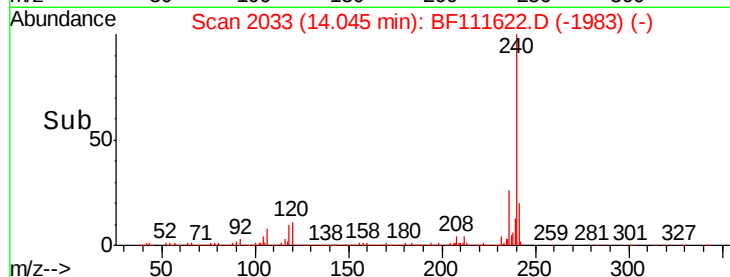
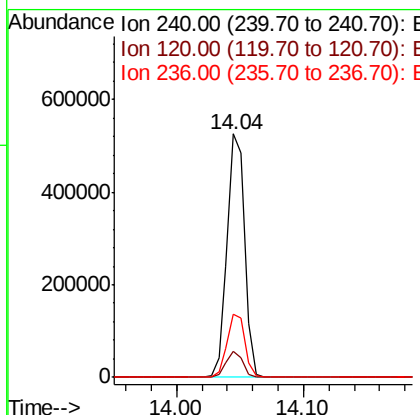
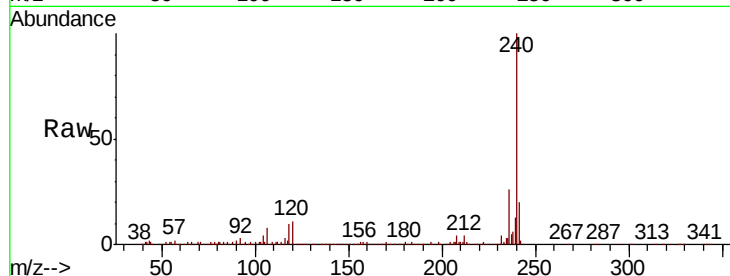




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

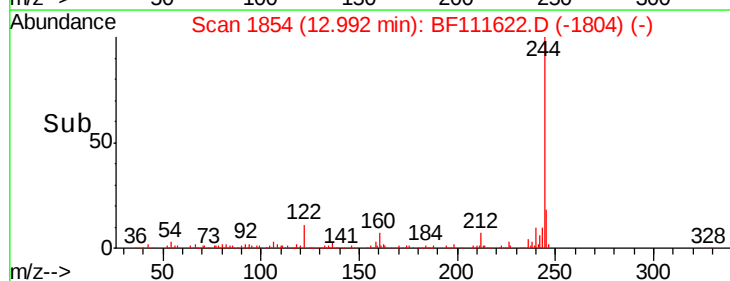
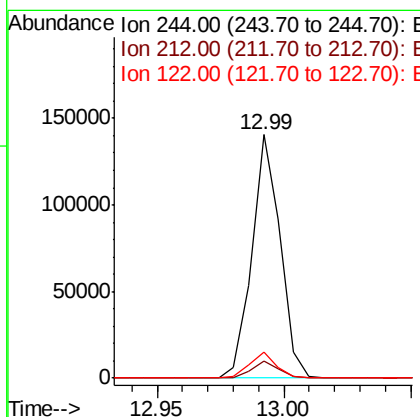
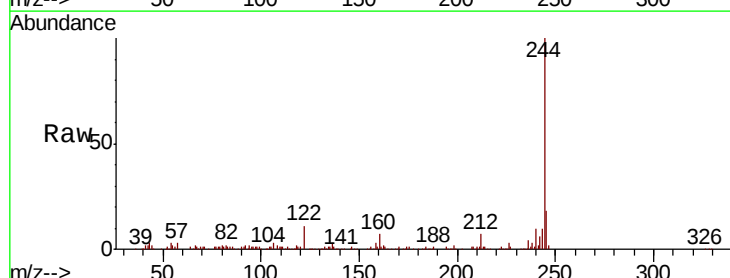
Instrument :
BNA_F
ClientSampleId :
OILY-WATER

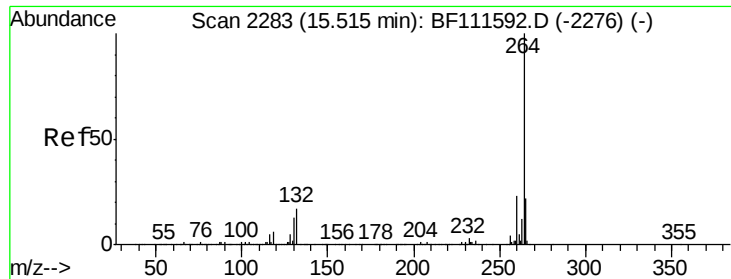
Tgt Ion:240 Resp: 504448
Ion Ratio Lower Upper
240 100
120 10.9 12.2 18.2#
236 25.8 20.2 30.2



#79
Terphenyl-d14
Concen: 4.094 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Tgt Ion:244 Resp: 108909
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.5 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111622.D
Acq: 20 Dec 2018 5:59

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.2	17.7	26.5

