

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103348.D
 Acq On : 1 Mar 2018 20:24
 Operator : SJ/JU
 Sample : J1709-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:31:00 PM

Quant Time: Mar 02 14:23:12 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	44010m	20.00	ng	0.04
21) Naphthalene-d8	8.27	136	49337m	20.00	ng	0.11
38) Acenaphthene-d10	10.03	164	42641m	20.00	ng	0.11
63) Phenanthrene-d10	11.52	188	41654m	20.00	ng	0.12
75) Chrysene-d12	14.10	240	144582	20.00	ng	0.04
86) Perylene-d12	15.58	264	134998	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	19769	6.79	ng	0.03
7) Phenol-d6	6.54	99	70364	19.76	ng	0.03
23) Nitrobenzene-d5	7.47	82	27993	32.40	ng	0.03
41) 2,4,6-Tribromophenol	10.81	330	181m	0.50	ng	0.10
44) 2-Fluorobiphenyl	9.32	172	26813	6.67	ng	0.09
78) Terphenyl-d14	13.06	244	25431	4.23	ng	0.07
Target Compounds						
31) Naphthalene	8.29	128	975892m	404.022	ng	Qvalue
37) 2-Methylnaphthalene	8.99	142	1405645	900.447	ng	# 93
45) 1,1'-Biphenyl	9.42	154	172956	48.405	ng	96
70) Phenanthrene	11.55	178	139002m	60.637	ng	
77) Pyrene	12.95	202	165549m	14.686	ng	
83) Bis(2-ethylhexyl)phthalate	14.03	149	20539	2.556	ng	# 78

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

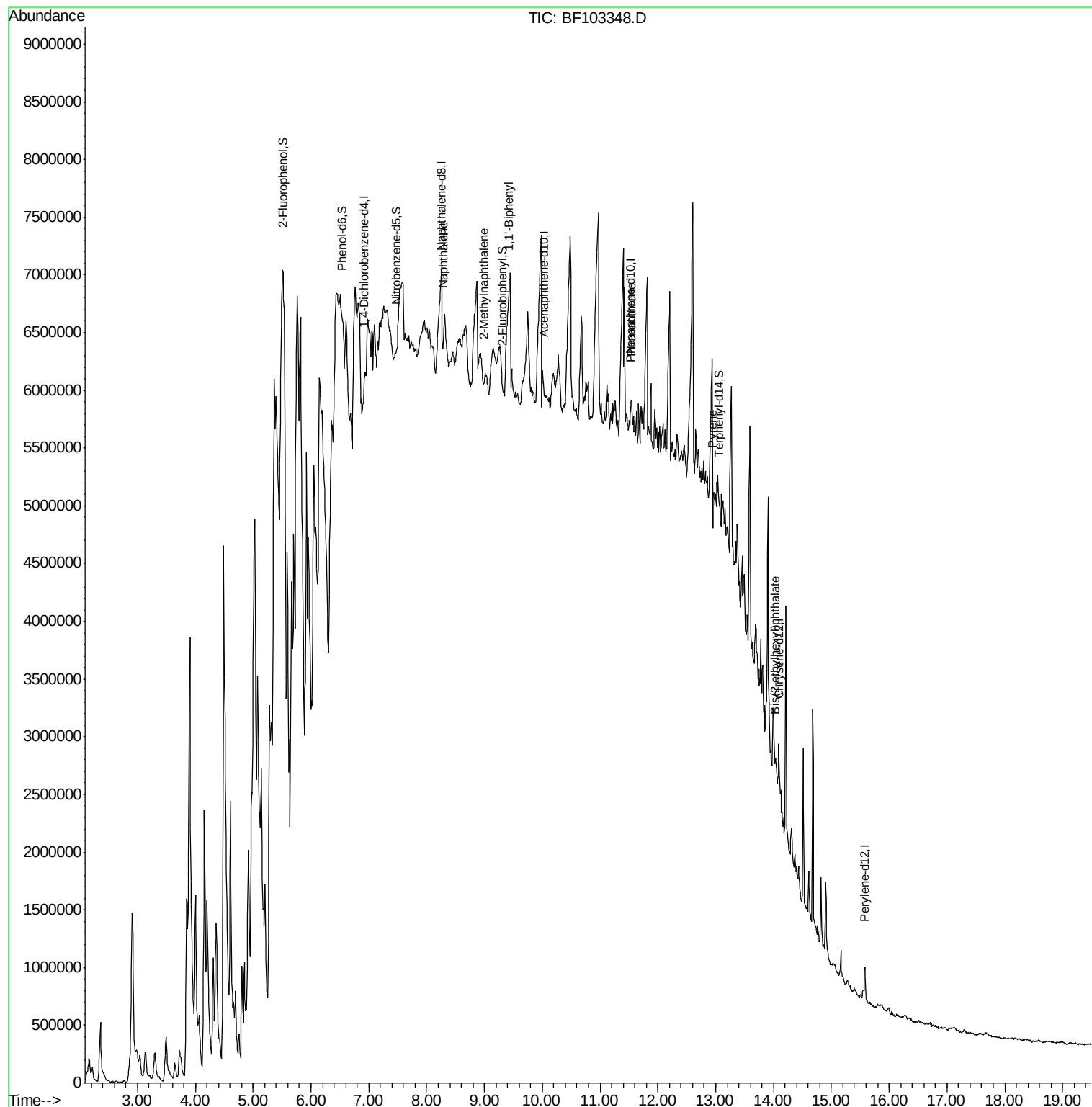
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103348.D
Acq On : 1 Mar 2018 20:24
Operator : SJ/JU
Sample : J1709-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

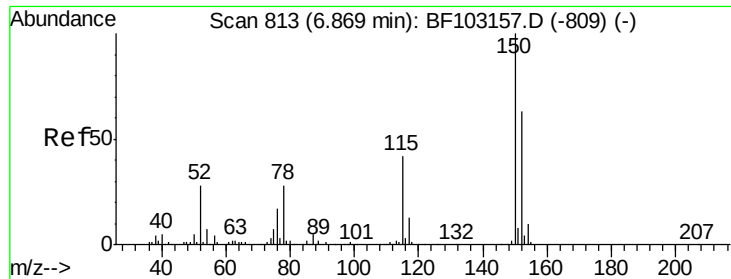
Instrument :
BNA_F
ClientSampled :
OILY-WATER

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Quant Time: Mar 02 14:23:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

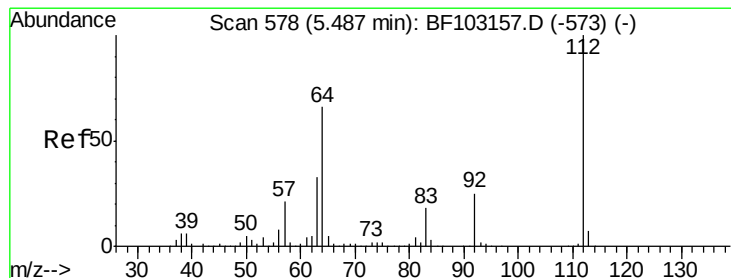
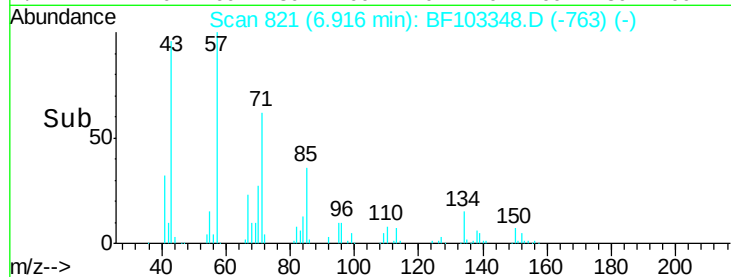
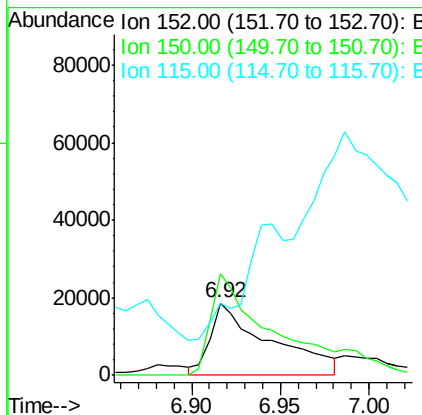
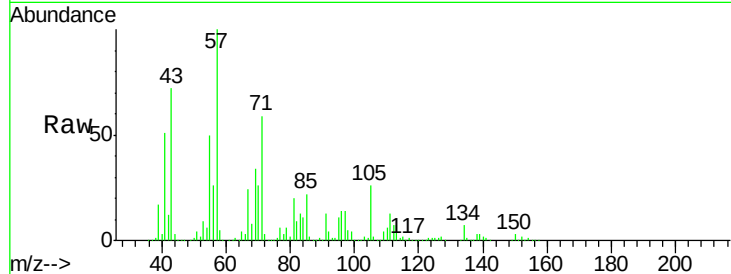
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 6.92 min Scan# 821
Delta R.T. 0.04 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.3	124.6	186.8
115	99.4	50.1	75.1#

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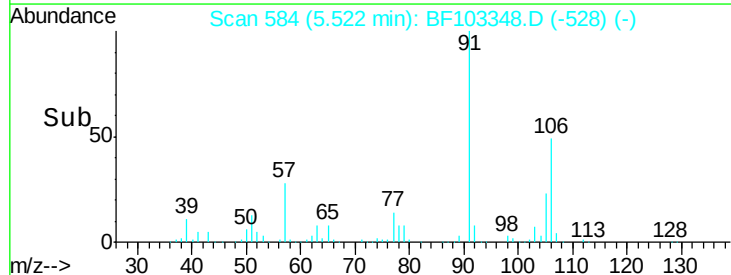
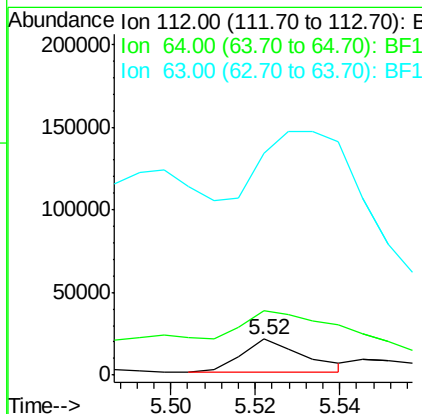
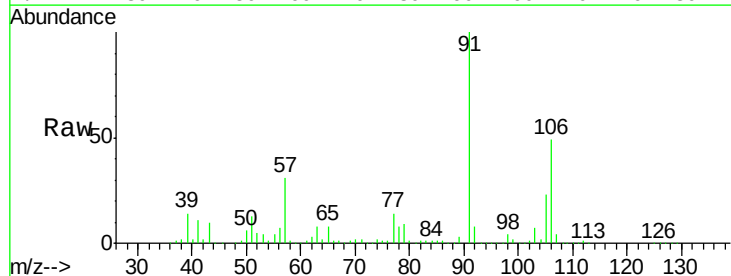
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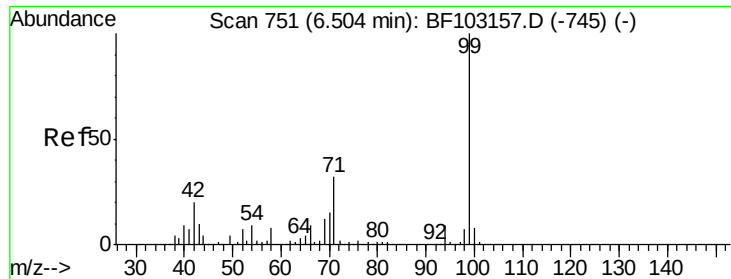


#5

2-Fluorophenol
Concen: 6.794 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.03 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	178.8	47.9	71.9#
63	613.2	23.7	35.5#





#7

Phenol-d6

Concen: 19.761 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.03 min

Lab File: BF103348.D

Acq: 1 Mar 2018 20:24

Instrument :

BNA_F

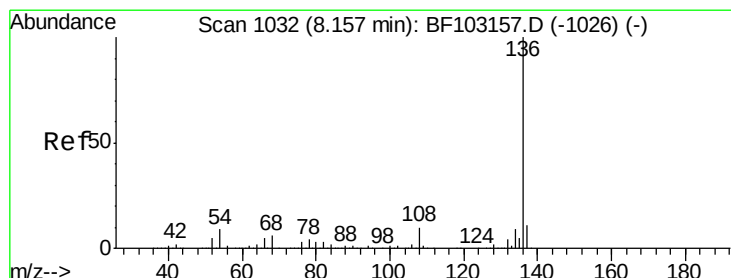
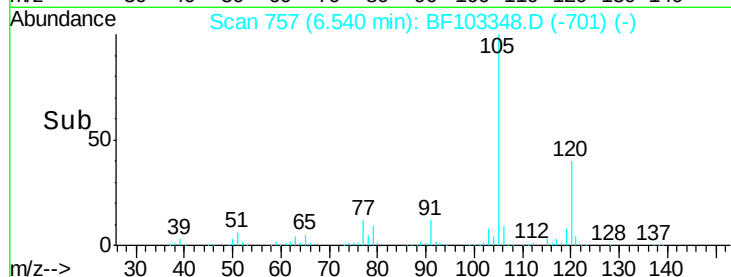
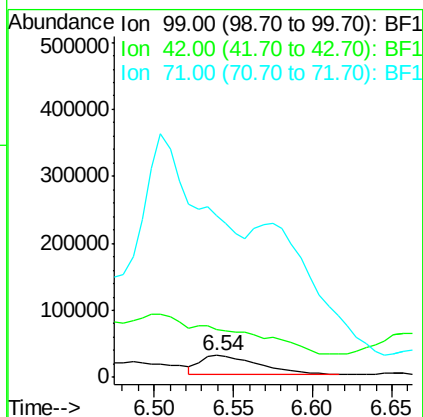
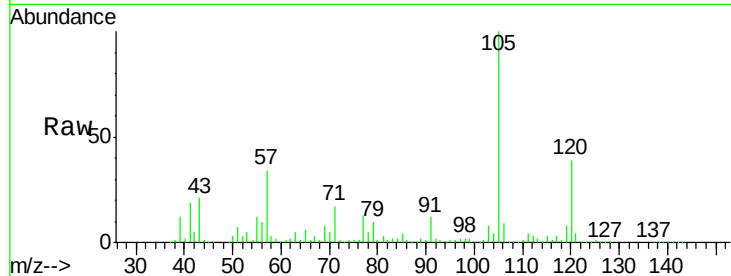
ClientSampled :

OILY-WATER

Tot Ion:	99	Resp:	70364
Ion Ratio	Lower	Upper	
99	100		
42	221.1	14.5	21.7#
71	741.1	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng m

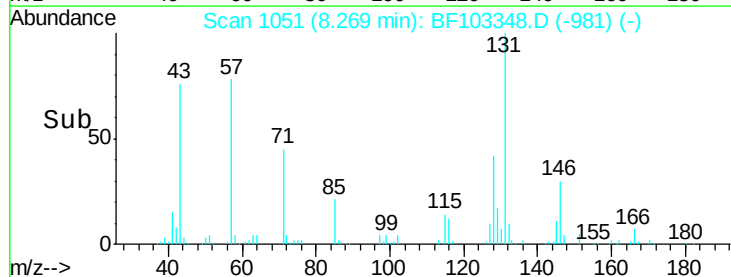
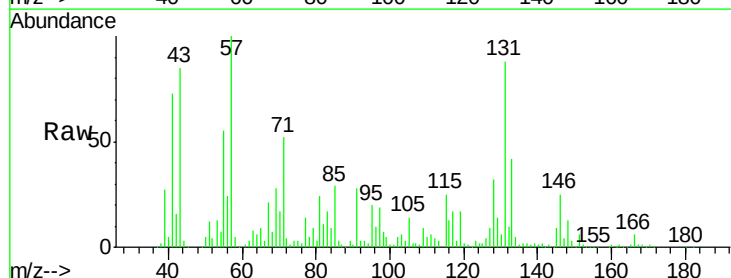
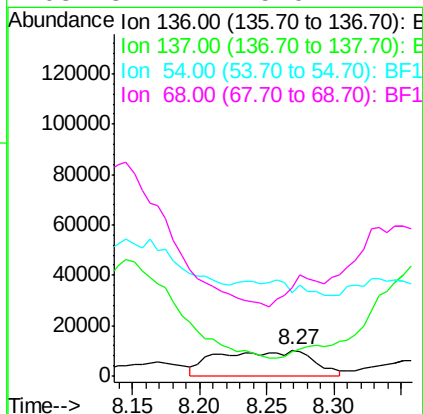
RT: 8.27 min Scan# 1051

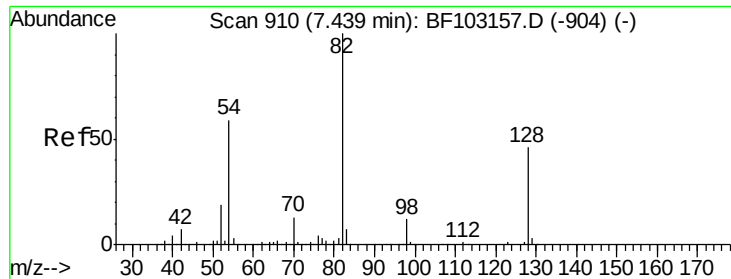
Delta R.T. 0.11 min

Lab File: BF103348.D

Acq: 1 Mar 2018 20:24

Tgt Ion:	136	Resp:	49337
Ion Ratio	Lower	Upper	
136	100		
137	96.4	8.9	13.3#
54	321.0	6.6	9.8#
68	344.4	5.0	7.4#





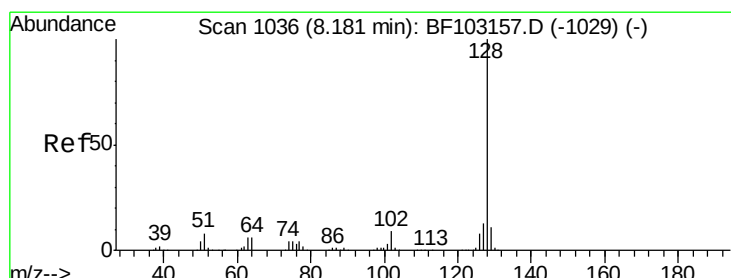
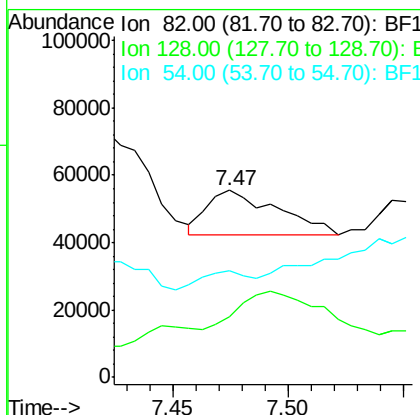
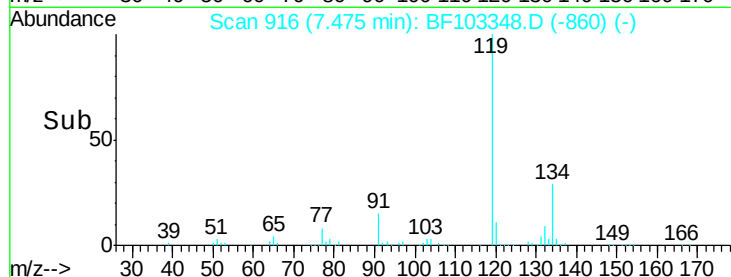
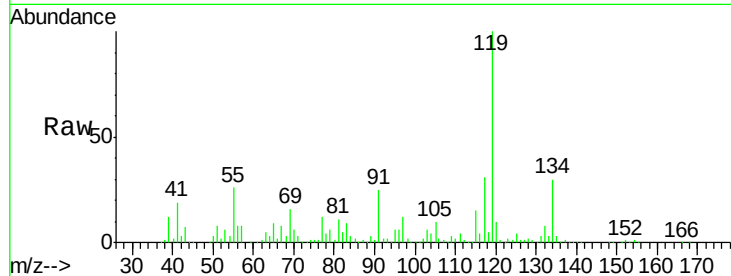
#23
Nitrobenzene-d5
Concen: 32.402 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.03 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	36.1	54.1#
54	56.9	41.4	62.2

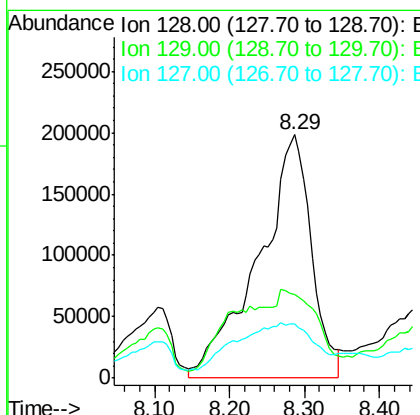
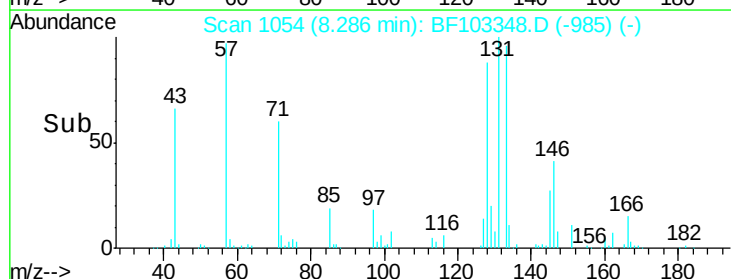
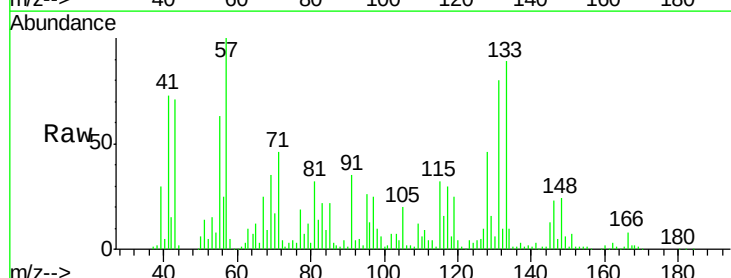
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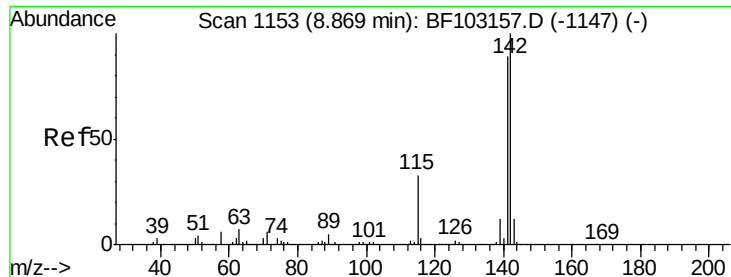
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#31
Naphthalene
Concen: 404.022 ng m
RT: 8.29 min Scan# 1054
Delta R.T. 0.11 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	34.4	8.8	13.2#
127	22.4	10.9	16.3#





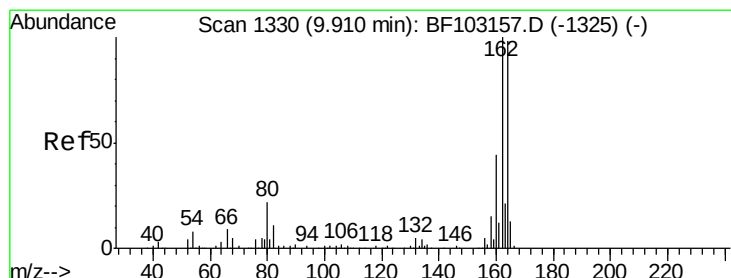
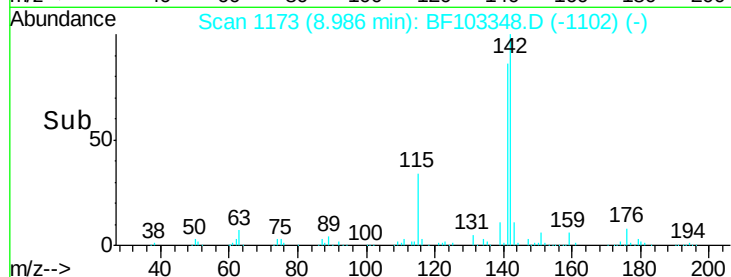
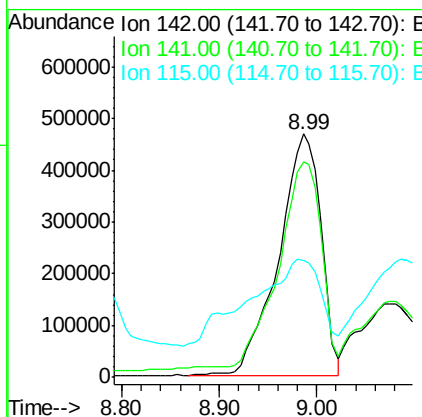
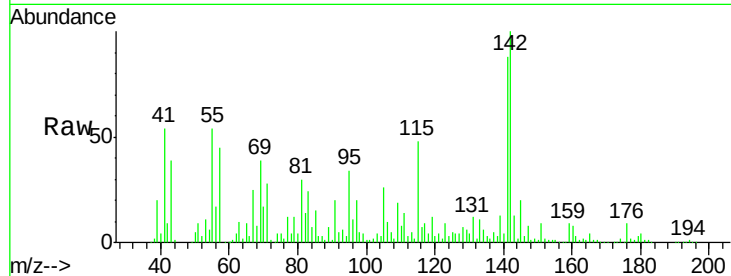
#37
 2-Methylnaphthalene
 Concen: 900.447 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.12 min
 Lab File: BF103348.D
 Acq: 1 Mar 2018 20:24

Instrument :
 BNA_F
 ClientSampled :
 OILY-WATER

Tot Ion:142 Resp: 1405645
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 48.1 26.1 39.1#

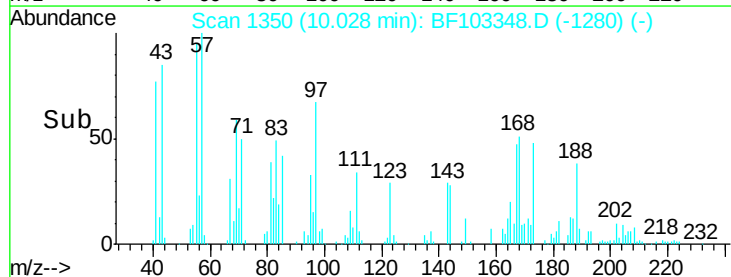
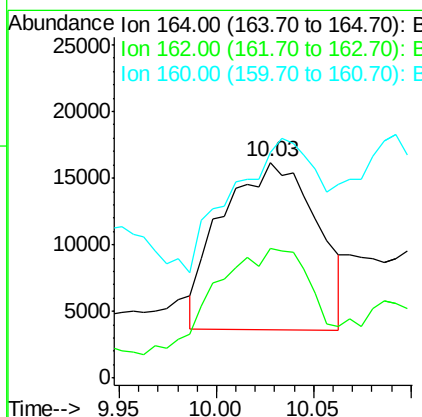
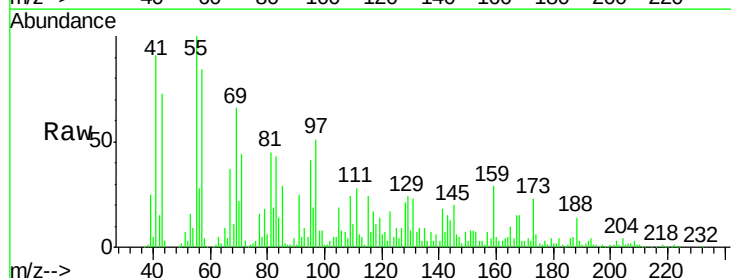
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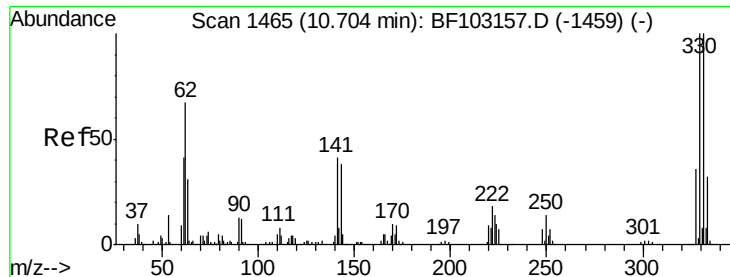
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#38
 Acenaphthene-d10
 Concen: 20.000 ng m
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.11 min
 Lab File: BF103348.D
 Acq: 1 Mar 2018 20:24

Tgt Ion:164 Resp: 42641
 Ion Ratio Lower Upper
 164 100
 162 59.8 86.1 129.1#
 160 104.3 38.3 57.5#





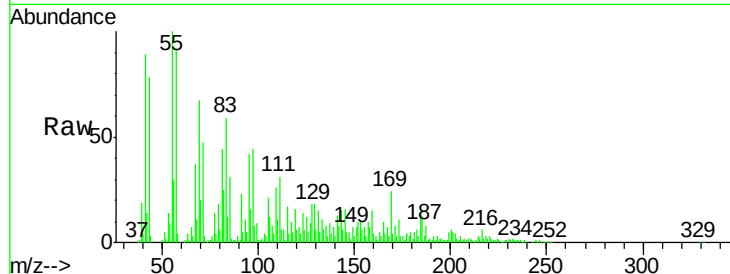
#41
 2,4,6-Tribromophenol
 Concen: 0.501 ng m
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.10 min
 Lab File: BF103348.D
 Acq: 1 Mar 2018 20:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	77.0	115.6#
141	0.0	29.9	44.9#

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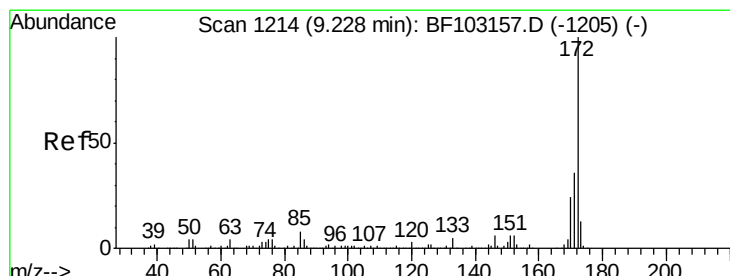
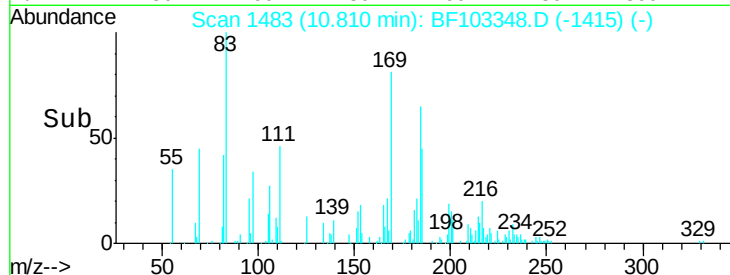
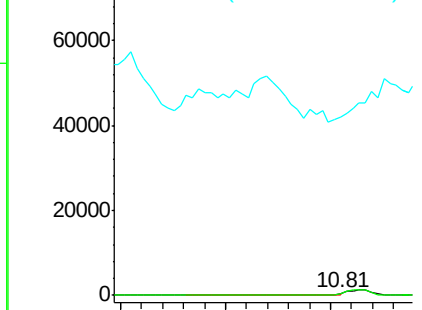


Abundance

Ion 329.80 (329.50 to 330.50): E

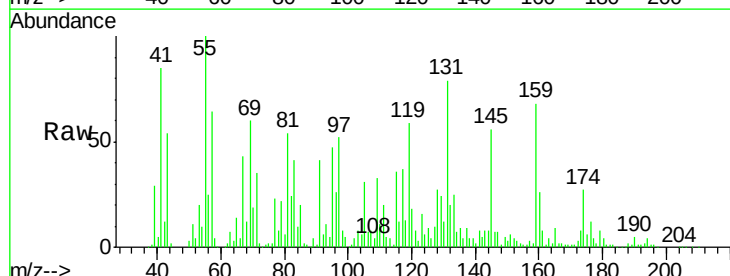
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.669 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.09 min
 Lab File: BF103348.D
 Acq: 1 Mar 2018 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	20.4	19.6	29.4

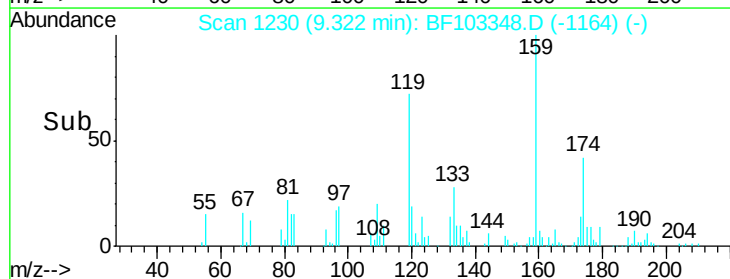
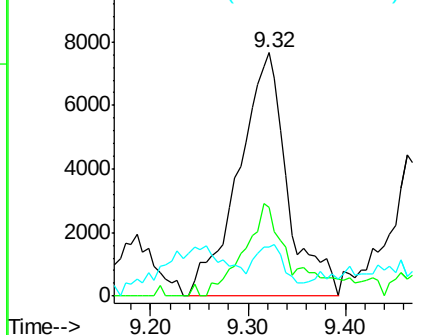


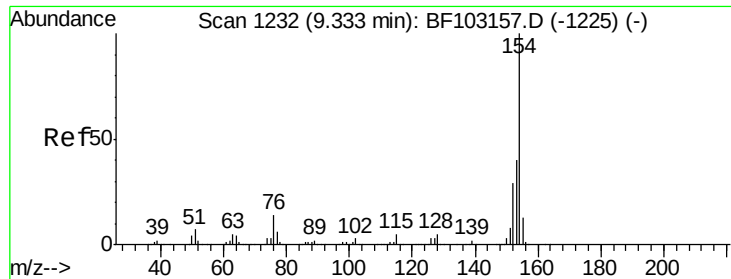
Abundance

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





#45

1,1'-Biphenyl

Concen: 48.405 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.08 min

Lab File: BF103348.D

Acq: 1 Mar 2018 20:24

Instrument :

BNA_F

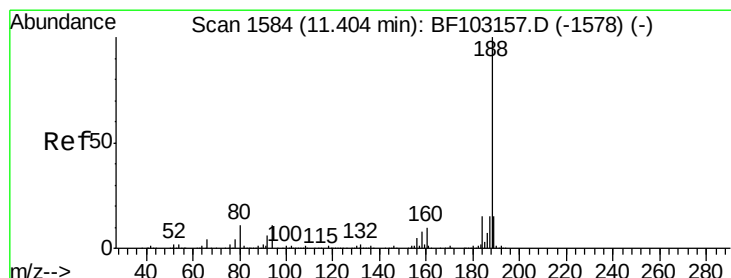
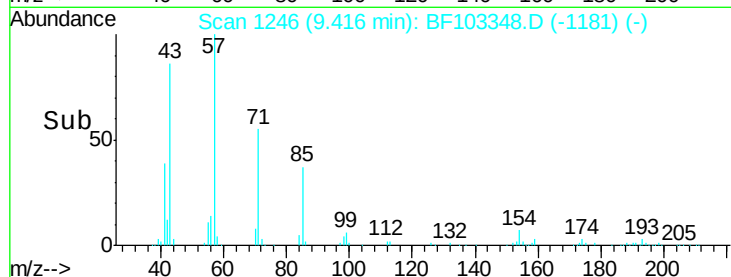
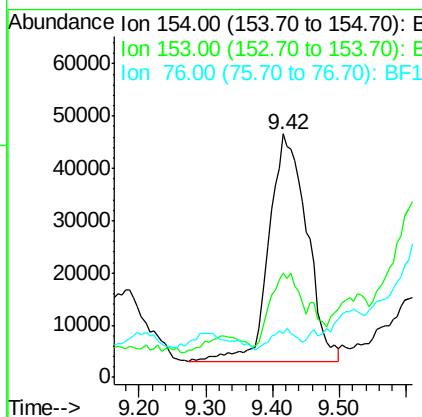
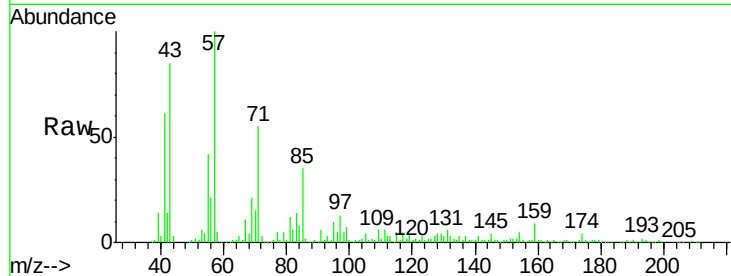
ClientSampleId :

OILY-WATER

Tot Ion:	154	Resp:	172956
Ion Ratio	Lower	Upper	
154	100		
153	42.7	21.3	61.3
76	18.1	0.0	34.0

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng m

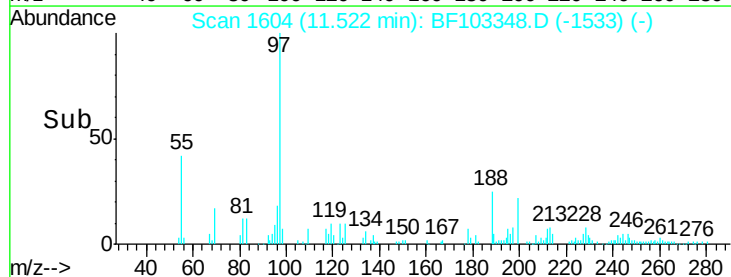
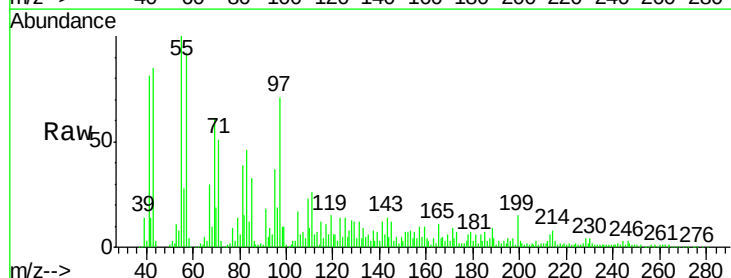
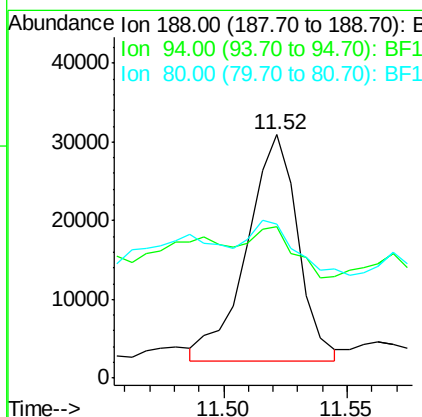
RT: 11.52 min Scan# 1604

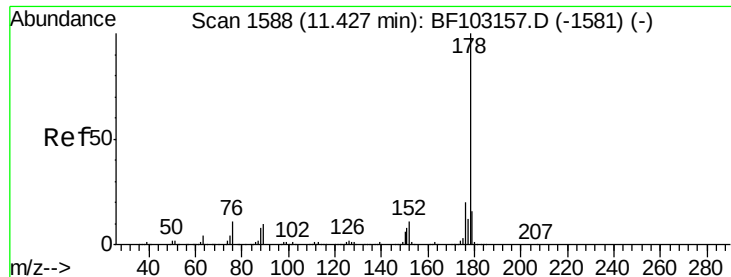
Delta R.T. 0.12 min

Lab File: BF103348.D

Acq: 1 Mar 2018 20:24

Tgt Ion:	188	Resp:	41654
Ion Ratio	Lower	Upper	
188	100		
94	62.4	8.5	12.7#
80	63.1	9.2	13.8#





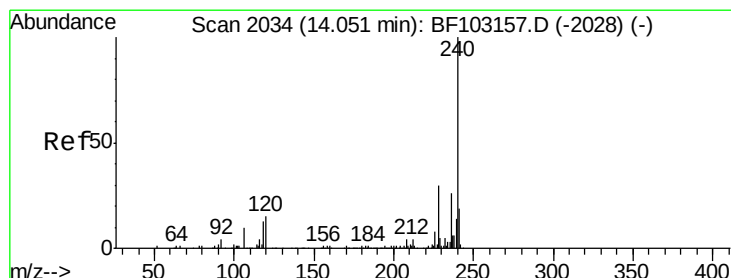
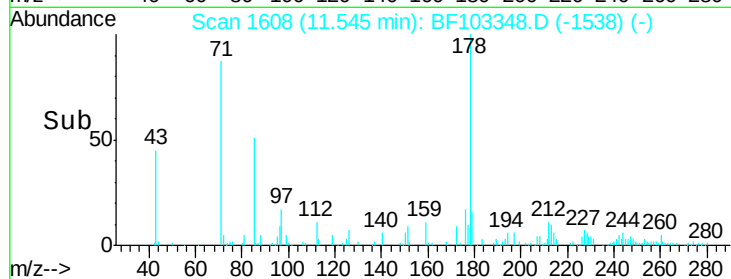
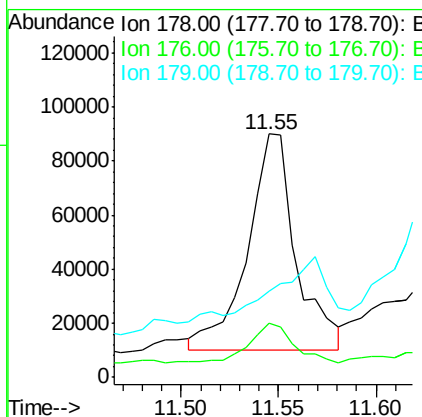
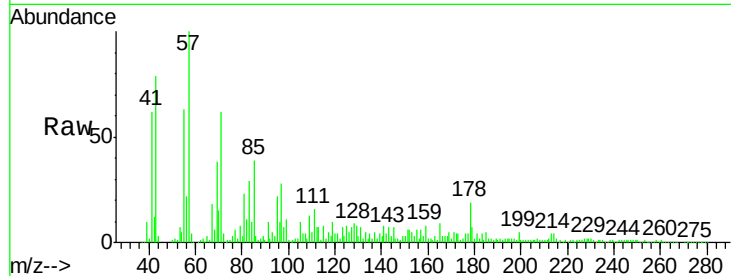
#70
Phenanthrene
Concen: 60.637 ng/mL
RT: 11.55 min Scan# 1608
Delta R.T. 0.11 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	22.1	15.8	23.8	
179	35.2	13.0	19.6	

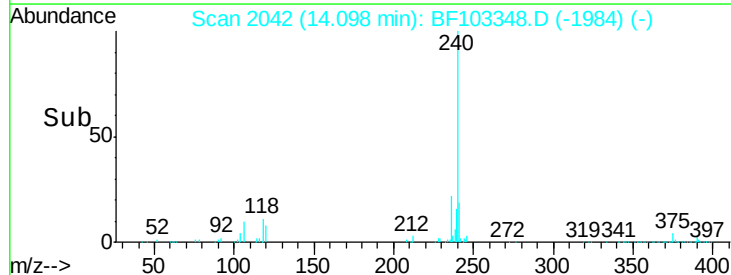
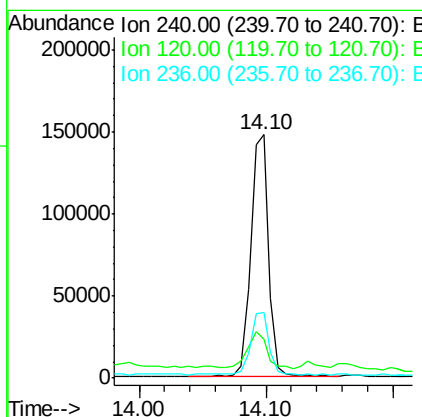
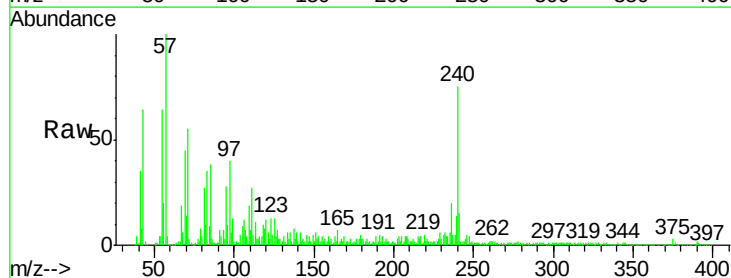
Manual Integrations
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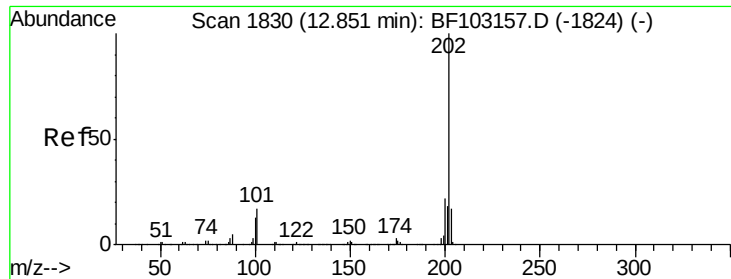
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3/2/2018 3:31:00 PM



#75
Chrysene-d12
Concen: 20.000 ng/mL
RT: 14.10 min Scan# 2042
Delta R.T. 0.04 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	15.8	9.5	14.3	
236	26.9	20.7	31.1	





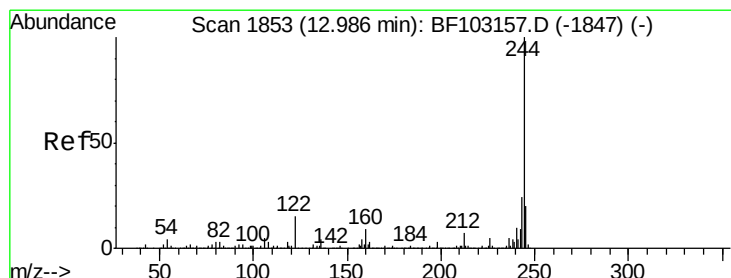
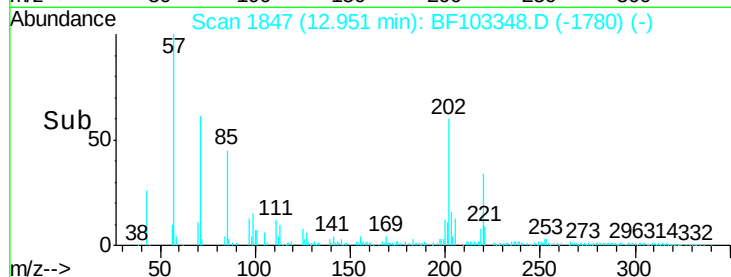
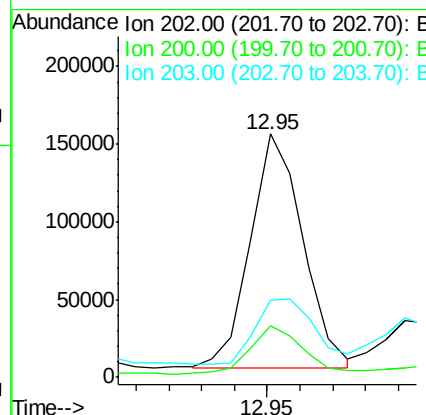
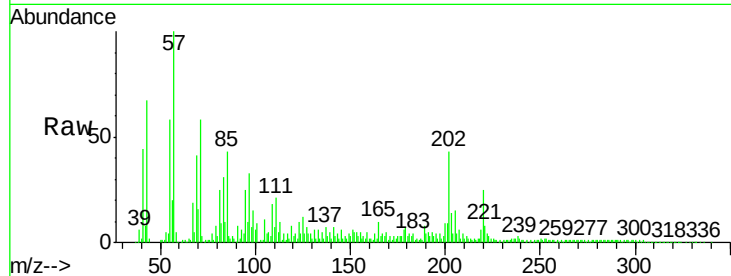
#77
Pvrene
Concen: 14.686 ng/mL
RT: 12.95 min Scan# 1847
Delta R.T. 0.09 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	31.7	14.3	21.5

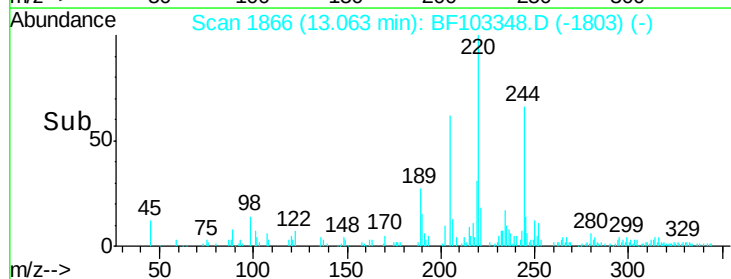
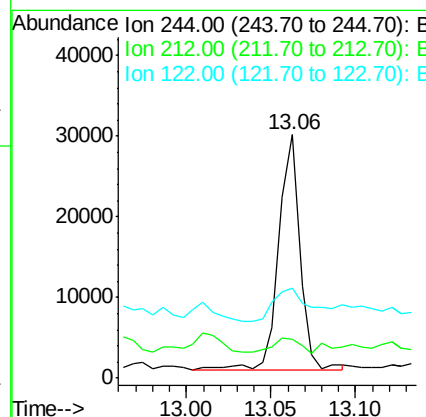
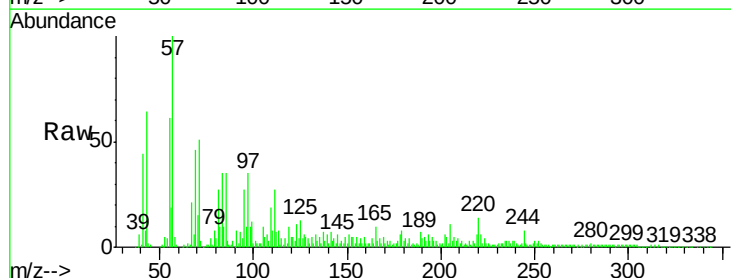
Manual Integrations
APPROVED

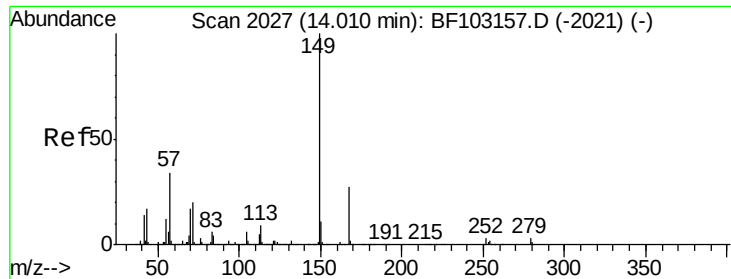
Sohil
3/2/2018 3:31:00 PM



#78
Terphenyl-d14
Concen: 4.228 ng/mL
RT: 13.06 min Scan# 1866
Delta R.T. 0.07 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	16.0	5.4	8.0
122	37.1	11.0	16.4





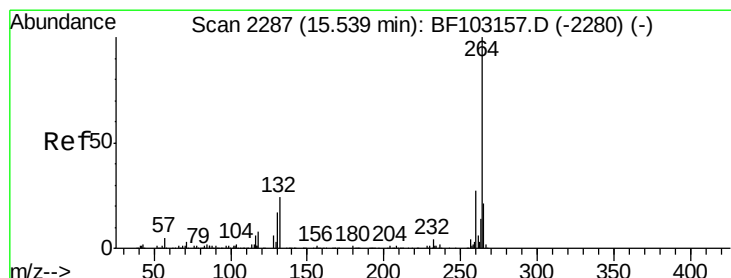
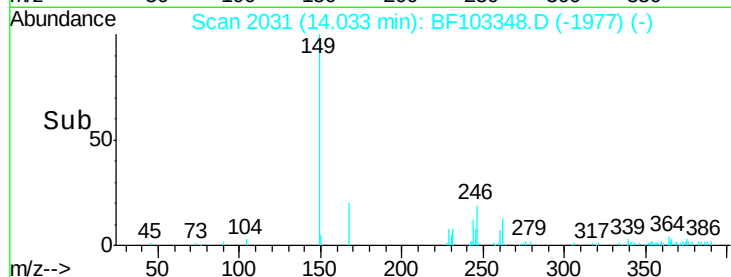
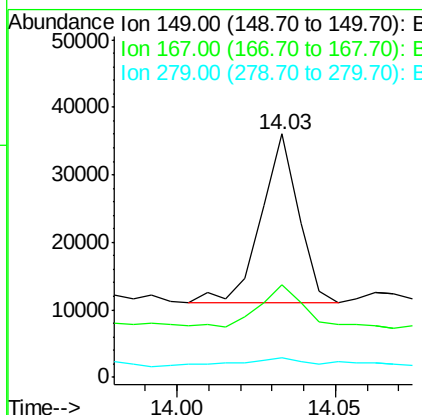
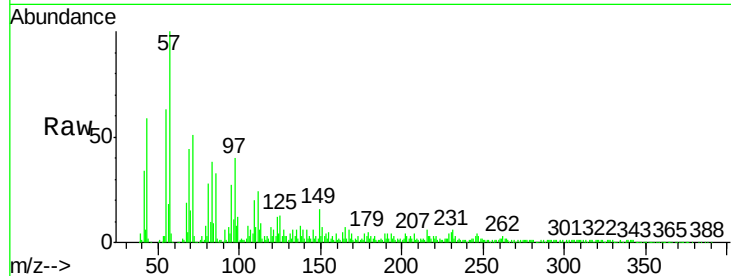
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.556 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tot Ion	Ratio	Lower	Upper
149	100		
167	38.3	21.3	31.9#
279	8.2	3.0	4.4#

Manual Integrations
APPROVED

Sohil
3/2/2018 3:31:00 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.02 min
Lab File: BF103348.D
Acq: 1 Mar 2018 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.6	17.5	26.3

