

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111482.D
 Acq On : 15 Dec 2018 21:31
 Operator : JU/SJ
 Sample : J6403-65 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-OILY-WATER

Manual Integrations
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Quant Time: Dec 16 11:11:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146986	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	531646	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	200036m	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	370970	20.00	ng	0.00
76) Chrysene-d12	13.95	240	366544	20.00	ng	0.00
87) Perylene-d12	15.39	264	300385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	19597	2.22	ng	0.00
7) Phenol-d6	6.43	99	15906	1.35	ng	0.00
23) Nitrobenzene-d5	7.35	82	63863	7.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	9468	5.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	124847	9.64	ng	0.00
79) Terphenyl-d14	12.90	244	133687	8.56	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	510646	20.536	ng	95
37) 2-Methylnaphthalene	8.79	142	168745	10.029	ng	97
38) 1-Methylnaphthalene	8.89	142	225614	13.879	ng	100
52) Acenaphthene	9.86	154	82661	6.839	ng	95

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

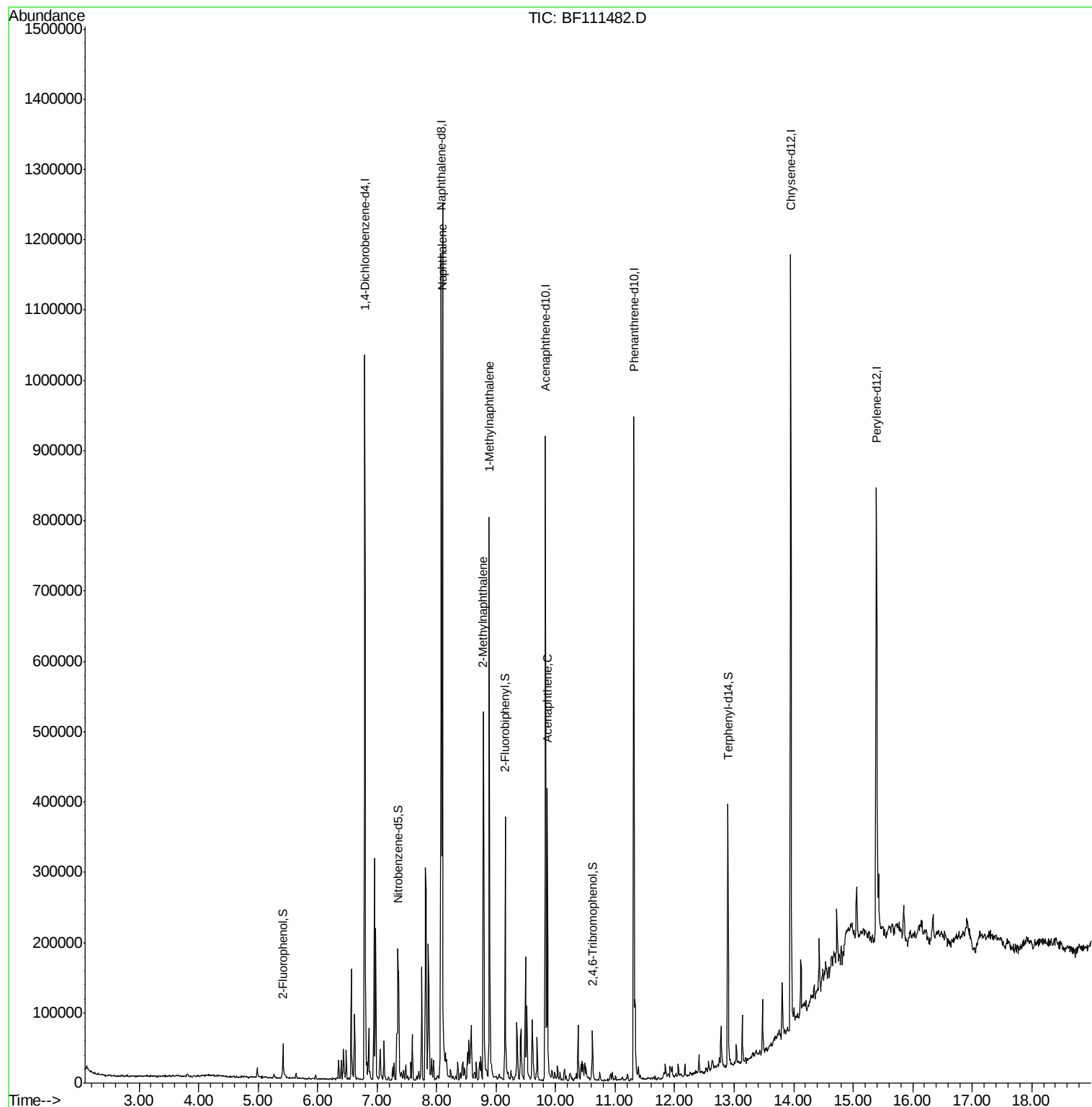
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111482.D
Acq On : 15 Dec 2018 21:31
Operator : JU/SJ
Sample : J6403-65 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

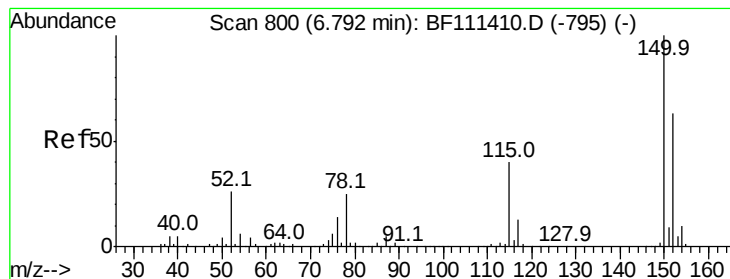
Instrument :
BNA_F
ClientSampled :
TP-3-OILY-WATER

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Quant Time: Dec 16 11:11:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





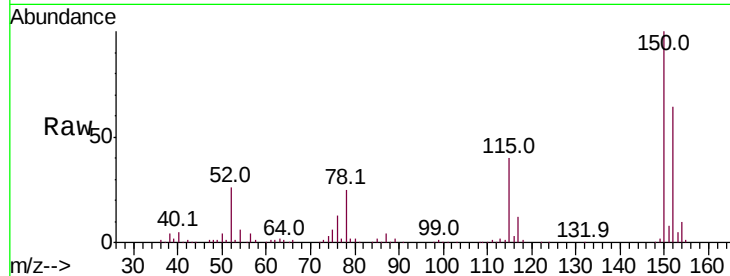
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-OILY-WATER

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	62.1	50.7	76.1

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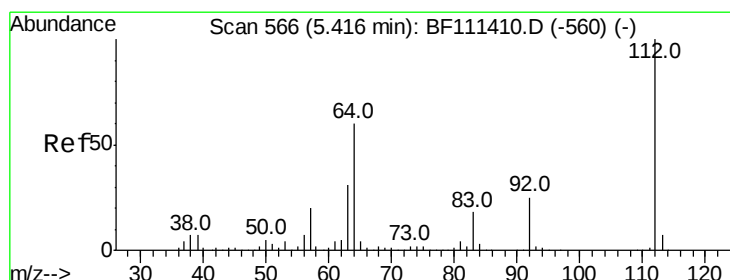
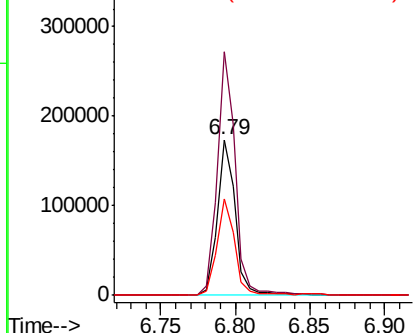
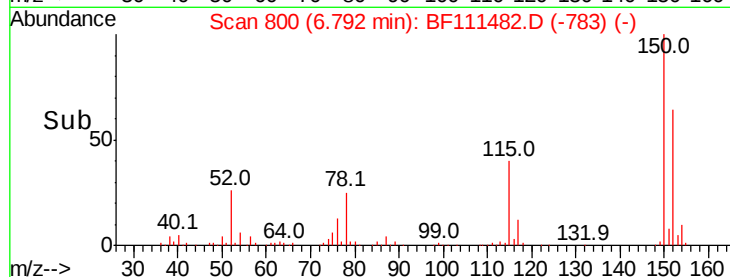


Abundance

Ion 152.00 (151.70 to 152.70): E

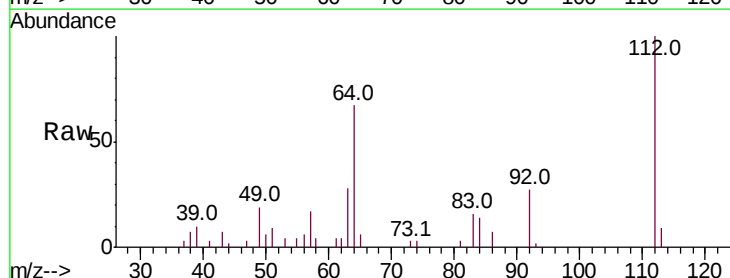
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 2.219 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	51.8	77.6
63	28.5	26.8	40.2

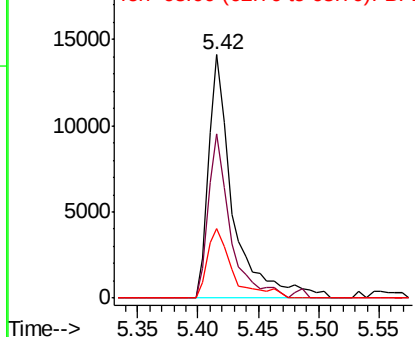
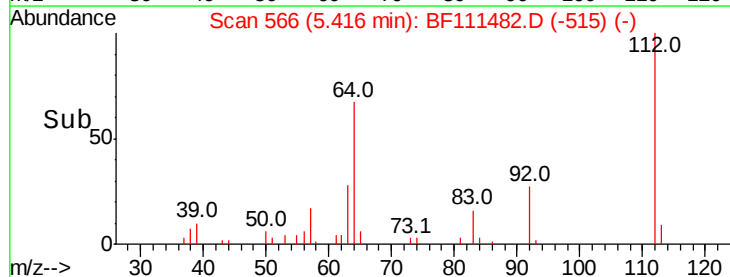


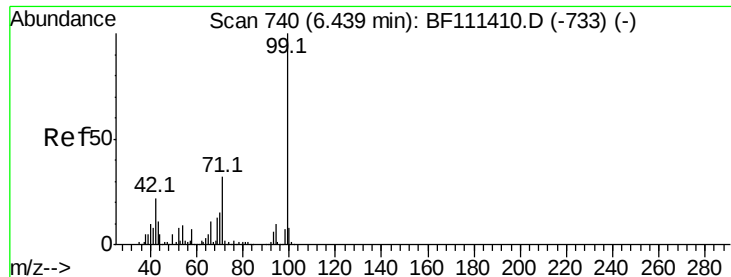
Abundance

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: 1.354 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111482.D

Acq: 15 Dec 2018 21:31

Instrument :

BNA_F

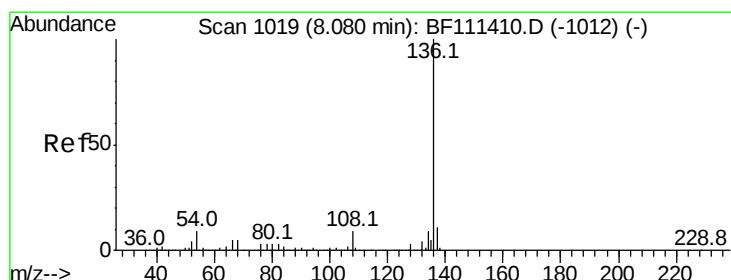
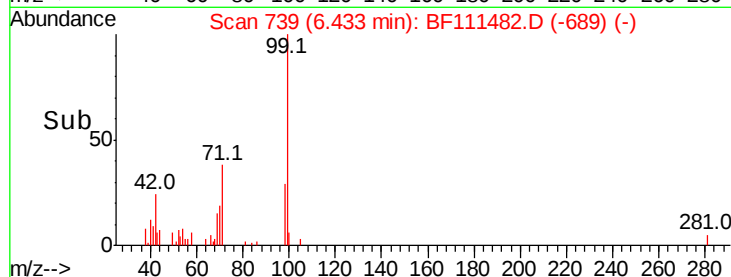
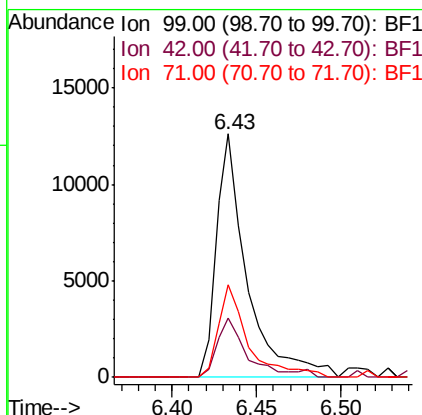
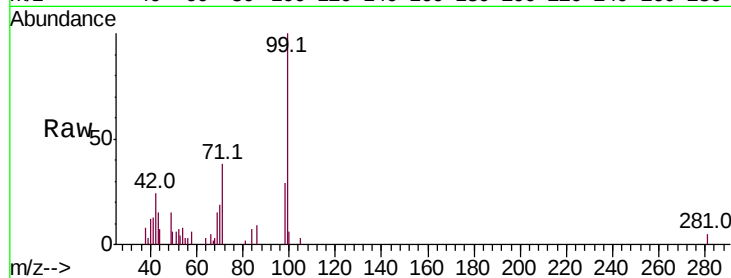
ClientSampleId :

TP-3-OILY-WATER

Tot Ion:	99	Resp:	15906
Ion Ratio	Lower	Upper	
99	100		
42	24.4	17.4	26.0
71	38.0	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

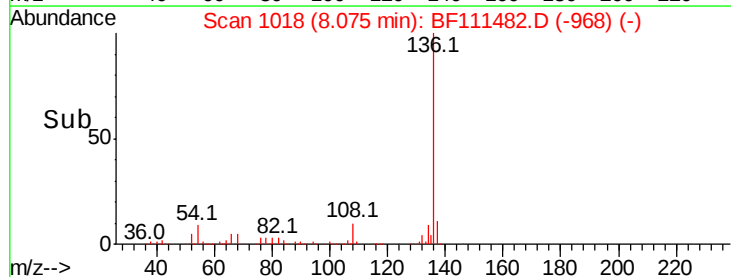
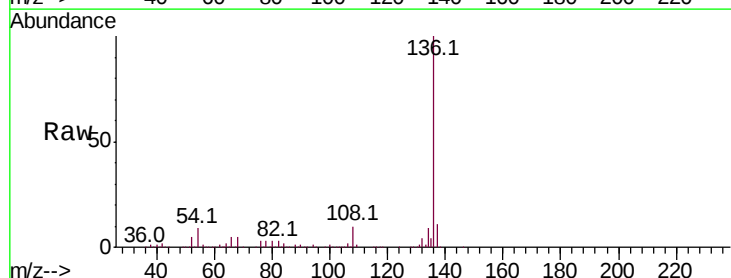
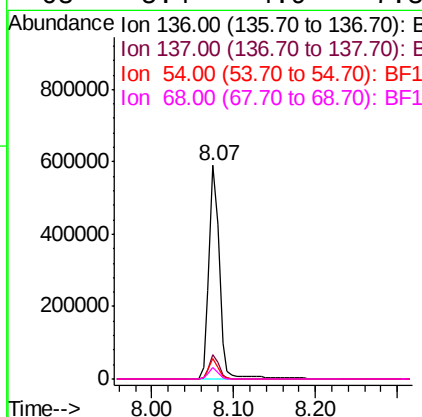
RT: 8.07 min Scan# 1018

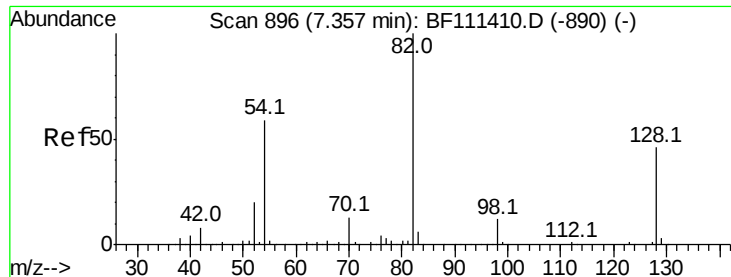
Delta R.T. -0.01 min

Lab File: BF111482.D

Acq: 15 Dec 2018 21:31

Tgt Ion:	136	Resp:	531646
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	9.4	7.7	11.5
68	5.4	4.9	7.3





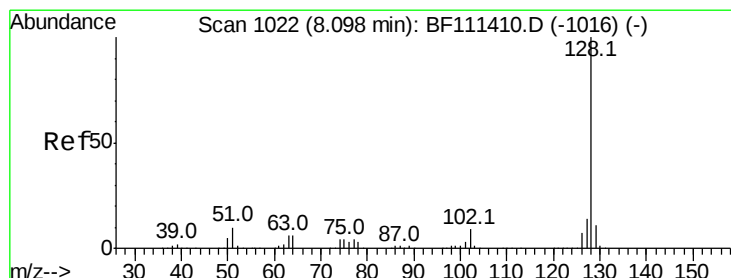
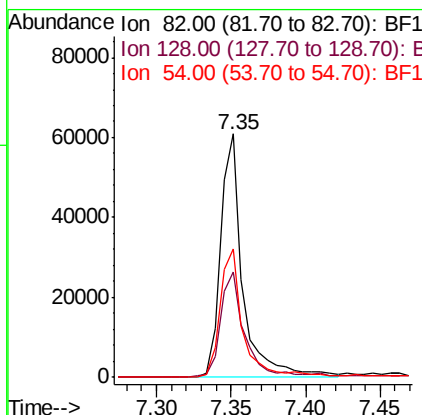
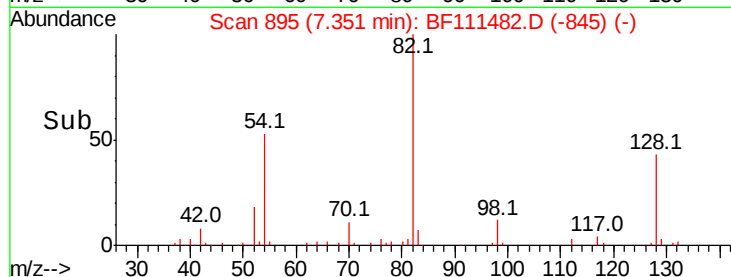
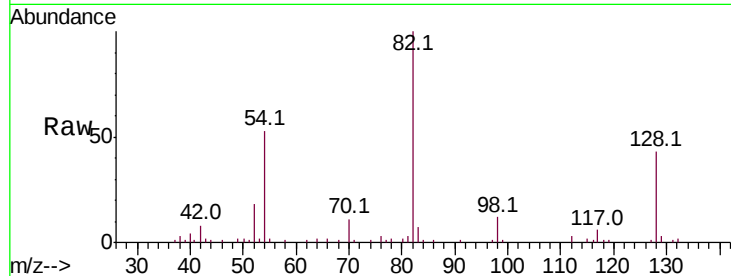
#23
Nitrobenzene-d5
Concen: 7.153 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Instrument :
BNA_F
ClientSampleId :
TP-3-OILY-WATER

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.4	56.2
54	52.8	47.6	71.4

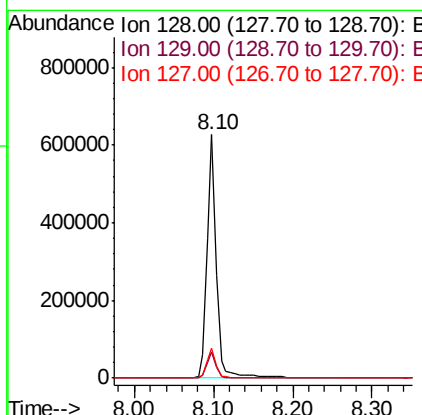
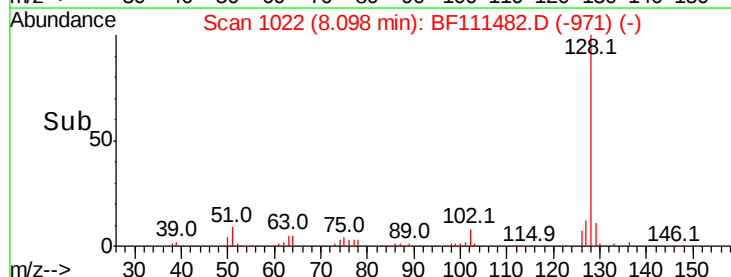
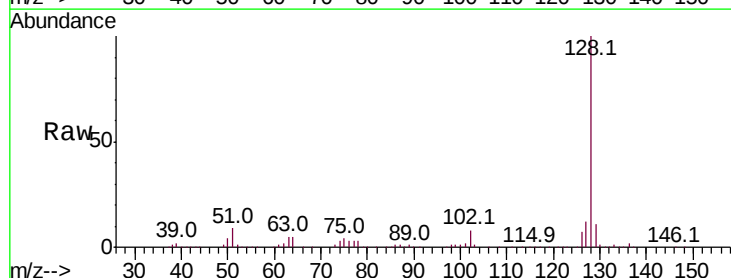
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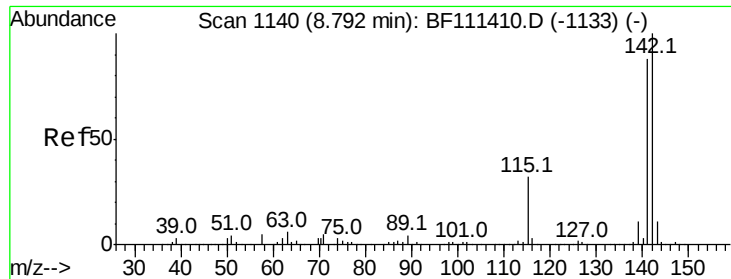
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#31
Naphthalene
Concen: 20.536 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.8	14.8
127	12.3	12.0	18.0





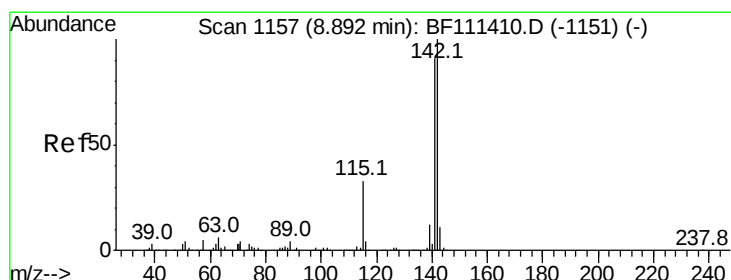
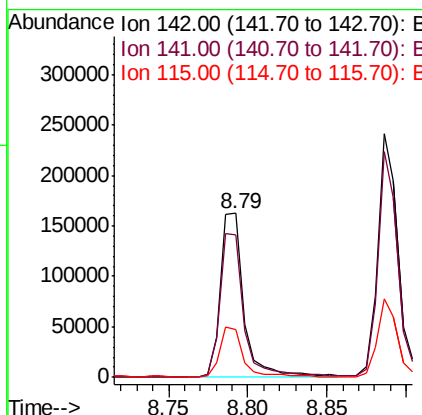
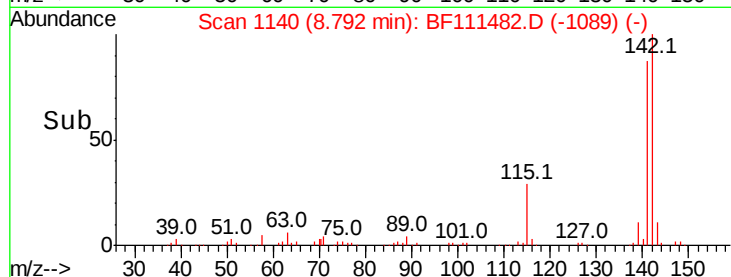
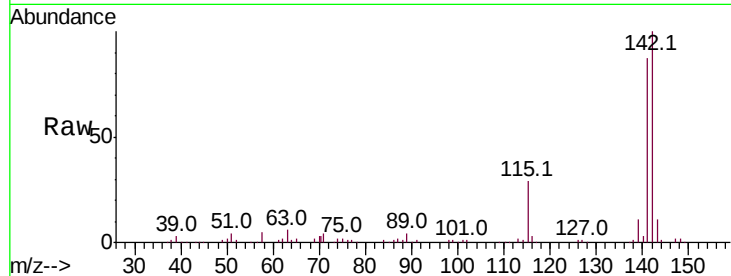
#37
2-Methylnaphthalene
Concen: 10.029 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Instrument :
BNA_F
ClientSampleId :
TP-3-OILY-WATER

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	29.5	27.0	40.6

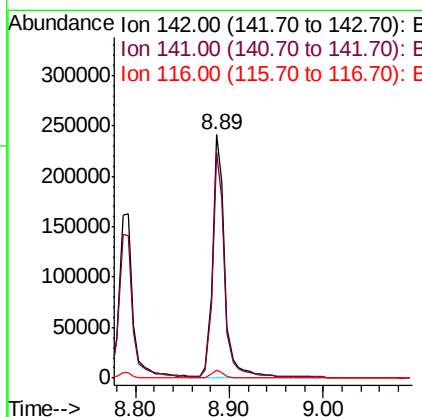
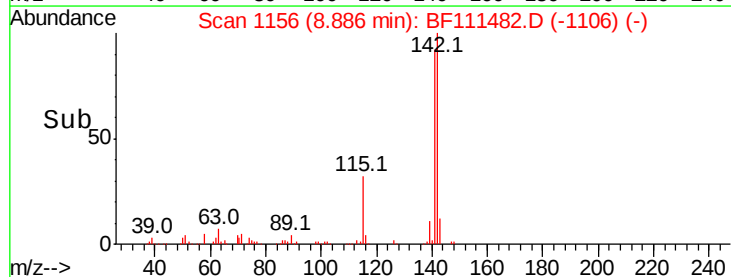
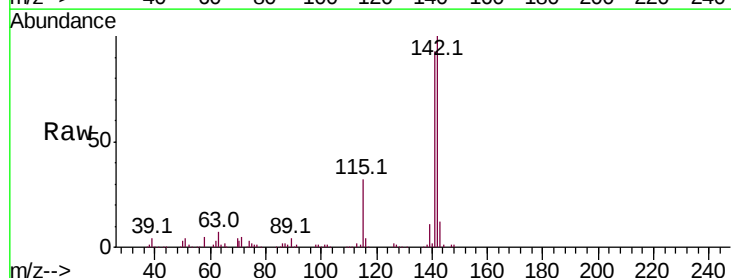
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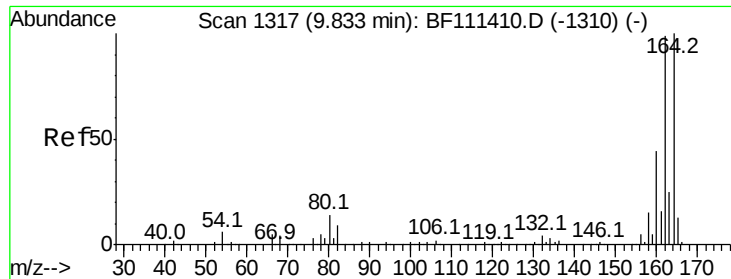
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#38
1-Methylnaphthalene
Concen: 13.879 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.2	111.4
116	3.5	2.9	4.3





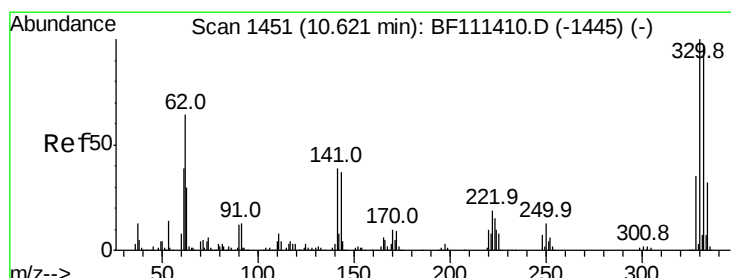
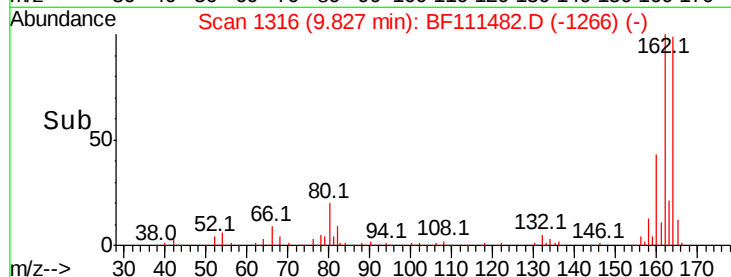
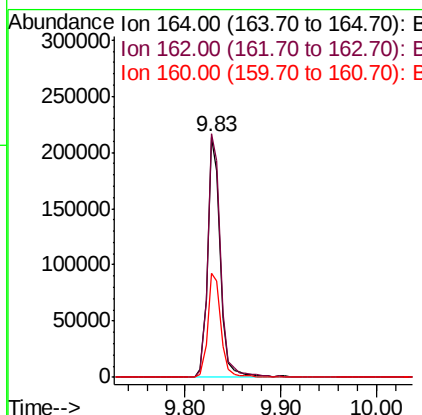
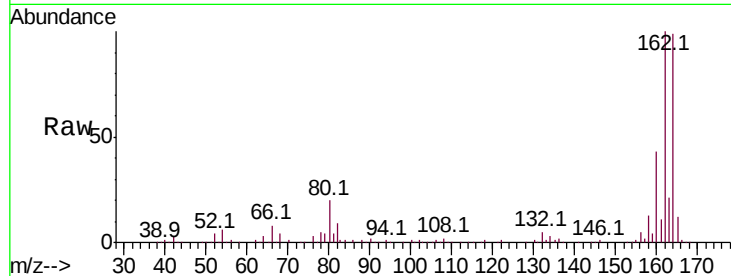
#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Instrument :
BNA_F
ClientSampleId :
TP-3-OILY-WATER

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	43.1	35.7	53.5

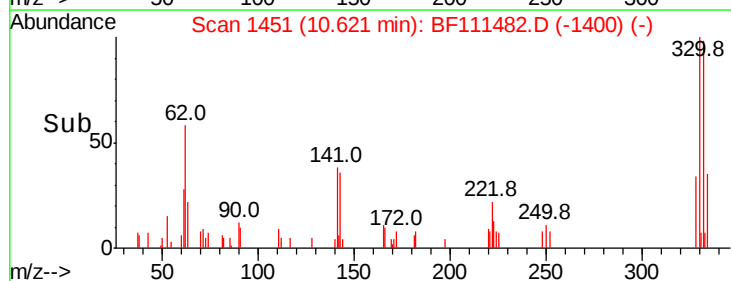
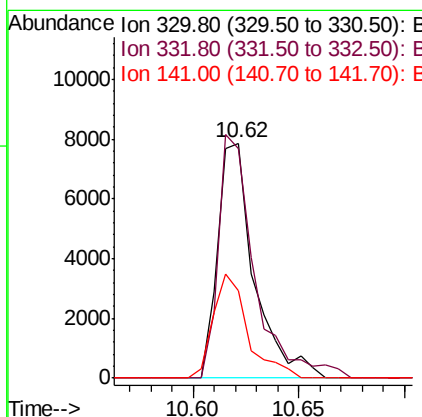
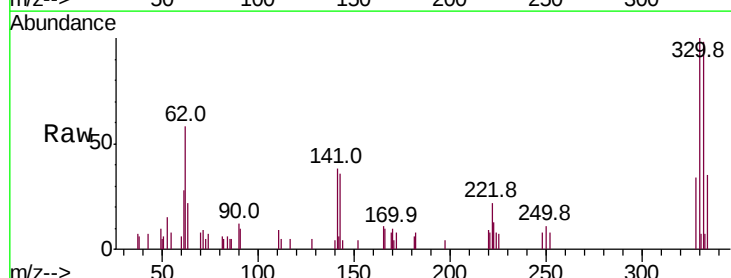
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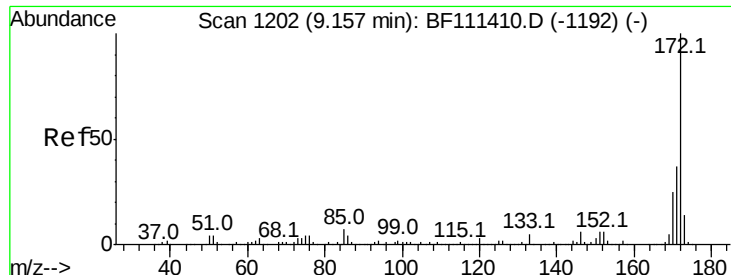
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#42
2,4,6-Tribromophenol
Concen: 5.284 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.8	76.0	114.0
141	42.3	31.0	46.6





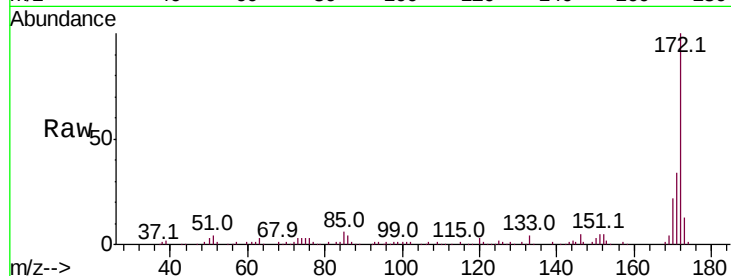
#45
 2-Fluorobiphenyl
 Concen: 9.640 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-OILY-WATER

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	33.0	49.4	
170	21.6	22.3	33.5	

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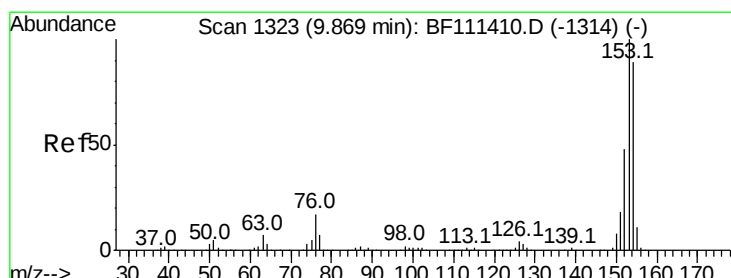
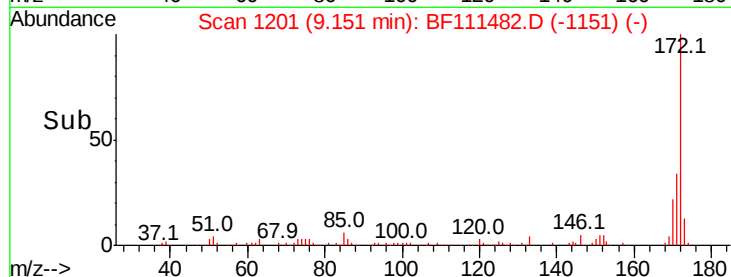
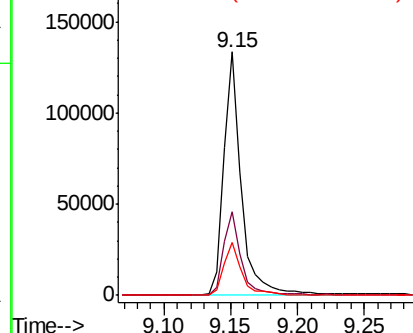


Abundance

Ion 172.00 (171.70 to 172.70): E

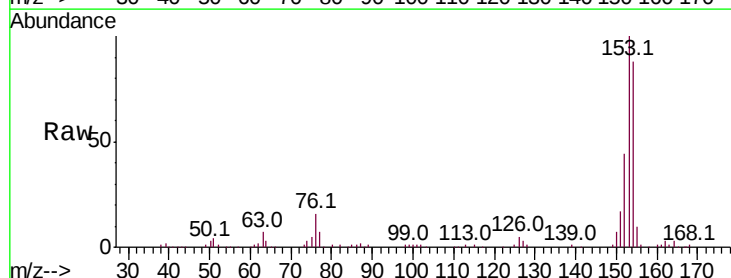
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#52
 Acenaphthene
 Concen: 6.839 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.2	87.8	131.8	
152	50.2	43.4	65.2	

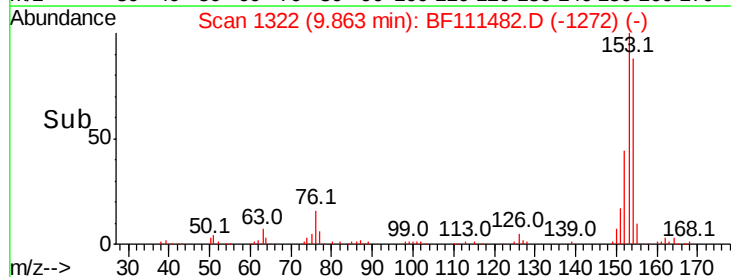
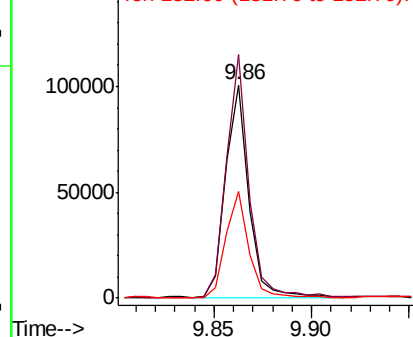


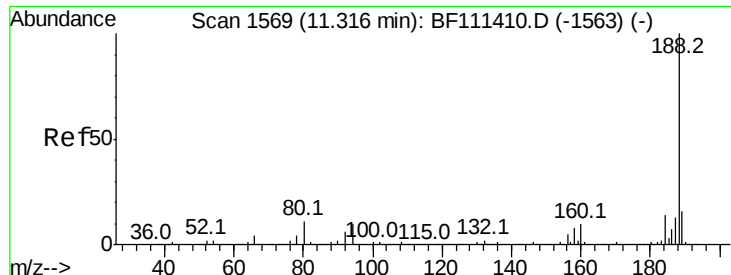
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





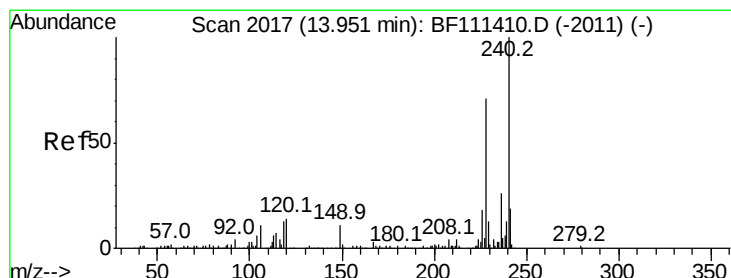
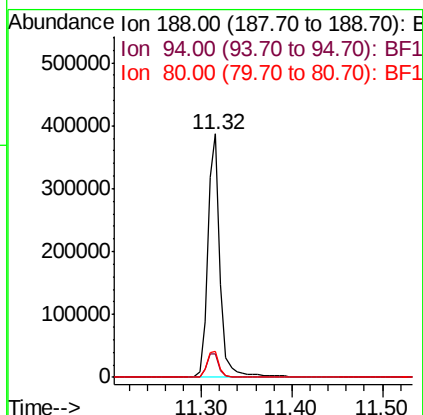
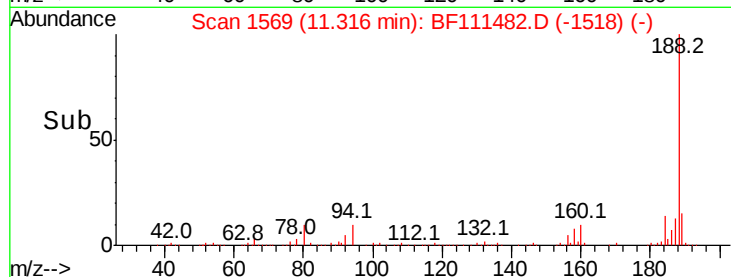
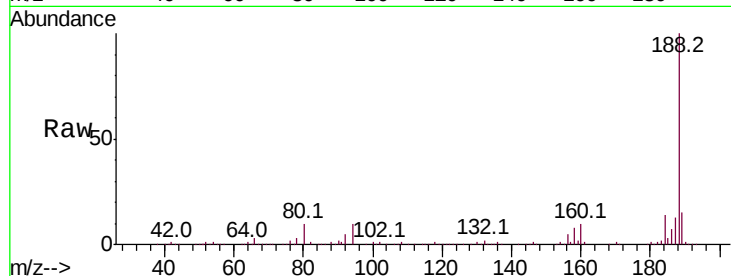
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Instrument :
BNA_F
ClientSampleId :
TP-3-OILY-WATER

Tot Ion	Ratio	Resp	Lower	Upper
188	100	370970		
94	9.6		9.6	14.4
80	10.4		9.8	14.6

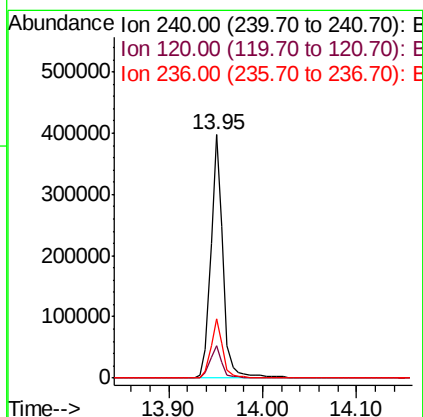
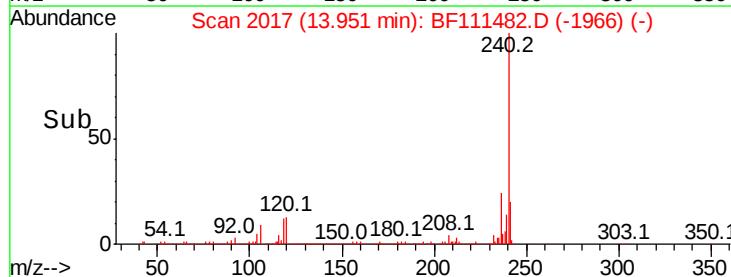
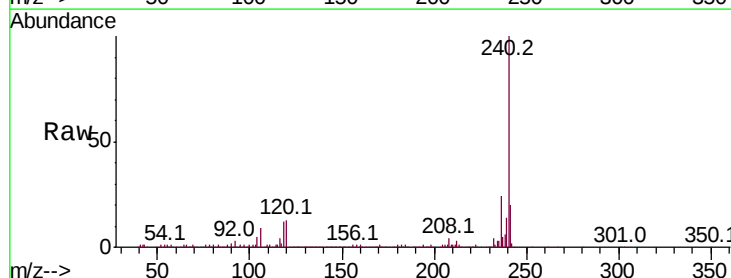
Manual Integrations
APPROVED

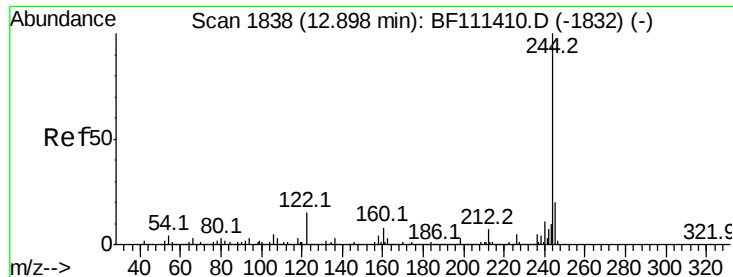
Sohil
12/17/2018 3:12:26 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111482.D
Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	366544		
120	13.4		12.2	18.2
236	24.2		20.2	30.2





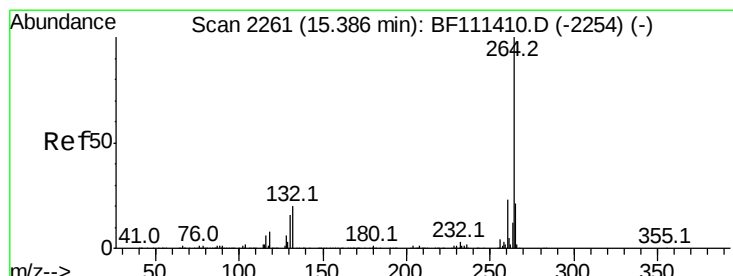
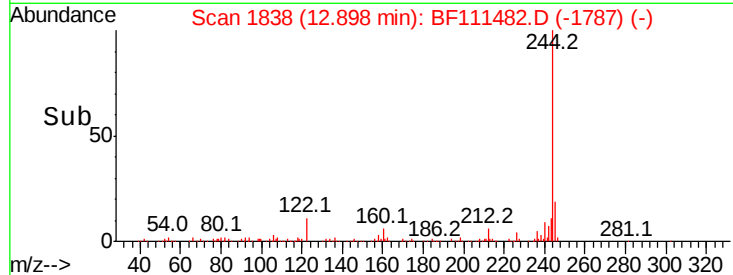
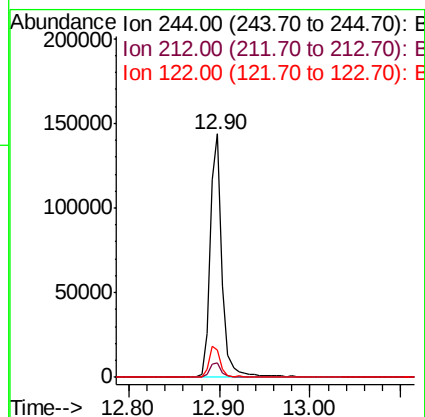
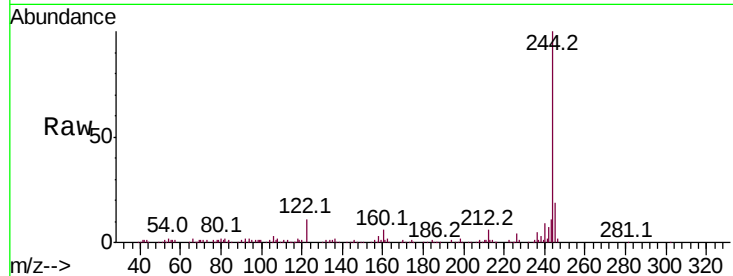
#79
 Terphenyl-d14
 Concen: 8.565 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-OILY-WATER

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.7	8.5
122	11.2	13.1	19.7

Manual Integrations
 APPROVED

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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111482.D
 Acq: 15 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.3	27.5
265	22.8	17.7	26.5

