Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107373.D
Acq On : 13 Jul 2018 17:55
Operator : JU/SJ
Sample : J3947-27
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-1-OILY-WATER

Quant Time: Jul 13 19:15:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	40062	20.00	ng	-0.03
21) Naphthalene-d8	8.21	136	135743	20.00	ng	-0.04
38) Acenaphthene-d10	9.98	164	63418	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	136235	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	125601	20.00	ng	-0.03
86) Perylene-d12	15.68	264	90172	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	165048	69.76	ng	-0.03
7) Phenol-d6	6.58	99	118045	39.95	ng	-0.04
23) Nitrobenzene-d5	7.50	82	227391	93.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	113976	155.06	ng	-0.02
44) 2-Fluorobiphenyl	9.29	172	439576	124.11	ng	-0.03
78) Terphenyl-d14	13.06	244	557801	107.58	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	19442	4.088	ng	# 97
51) Acenaphthene	10.01	154	10442	2.640	ng	97

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

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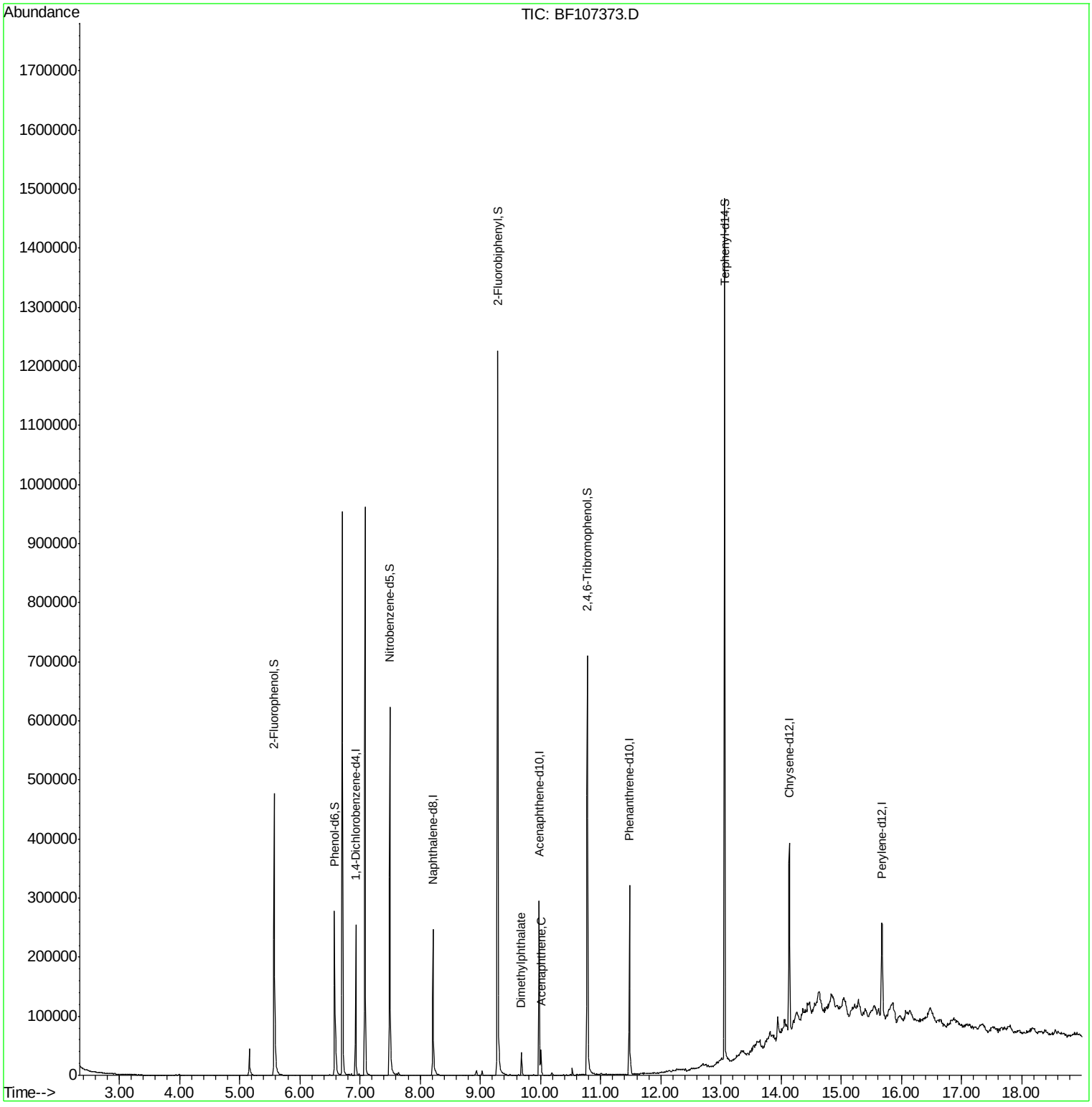
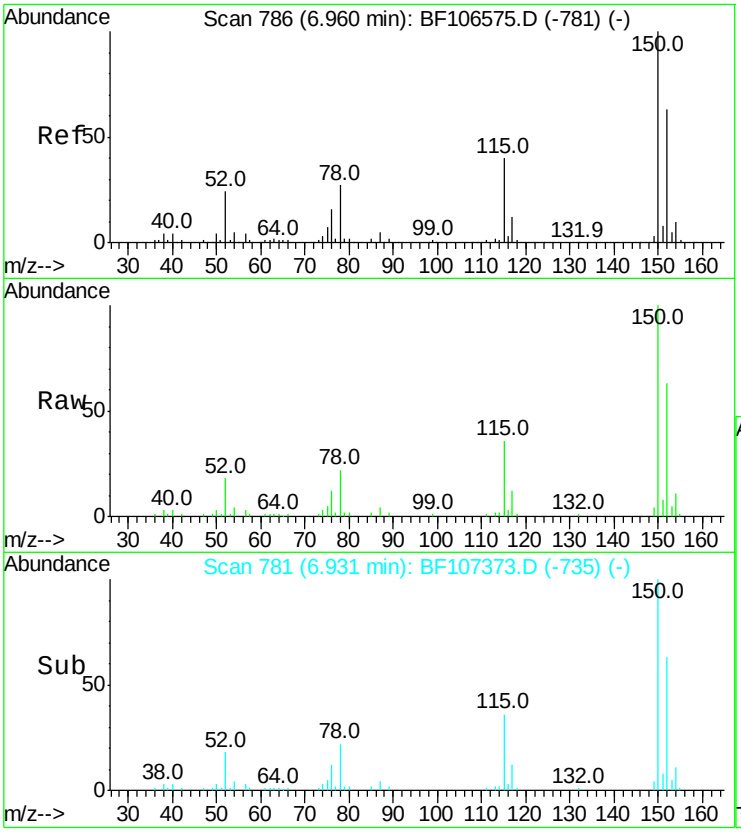


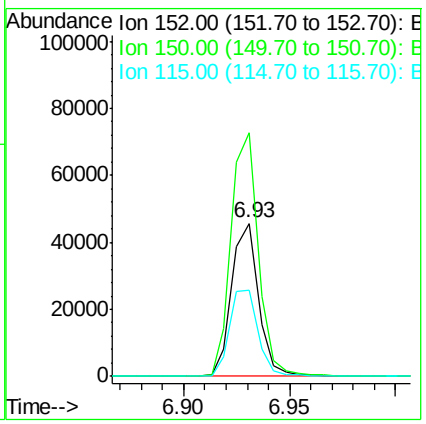


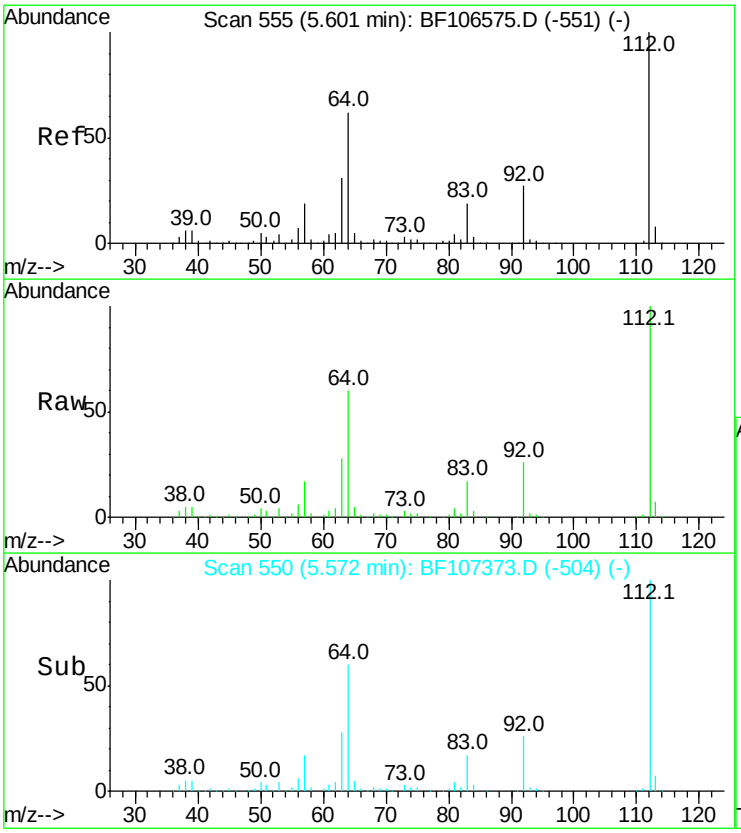
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:152 Resp: 40062

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	56.7	50.1	75.1

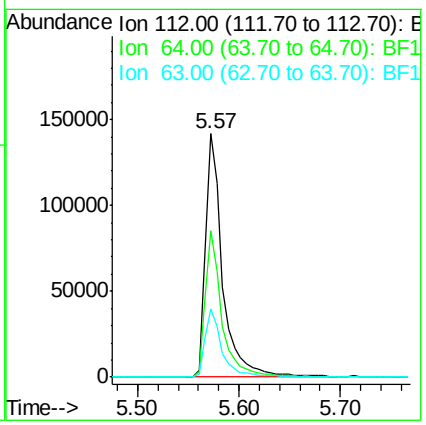


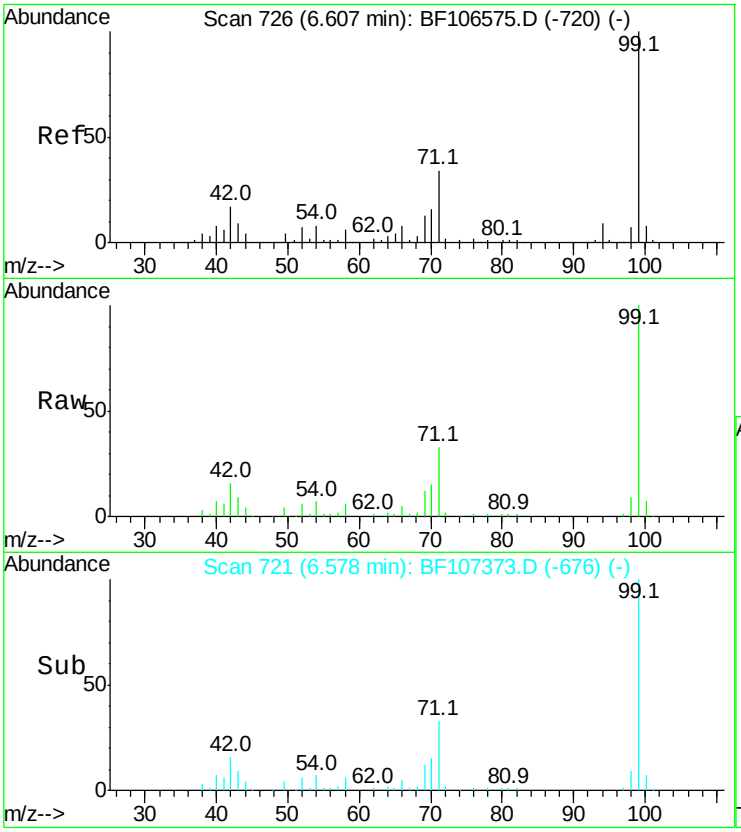


#5
2-Fluorophenol
Concen: 69.762 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:112 Resp: 165048

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	27.9	23.7	35.5



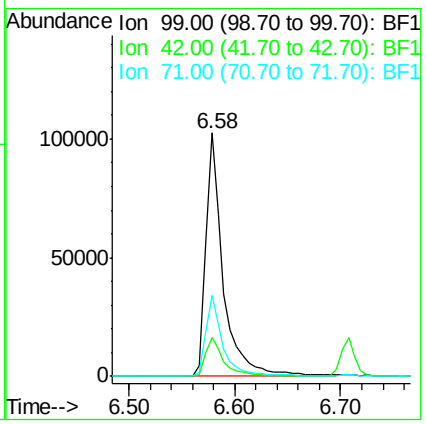


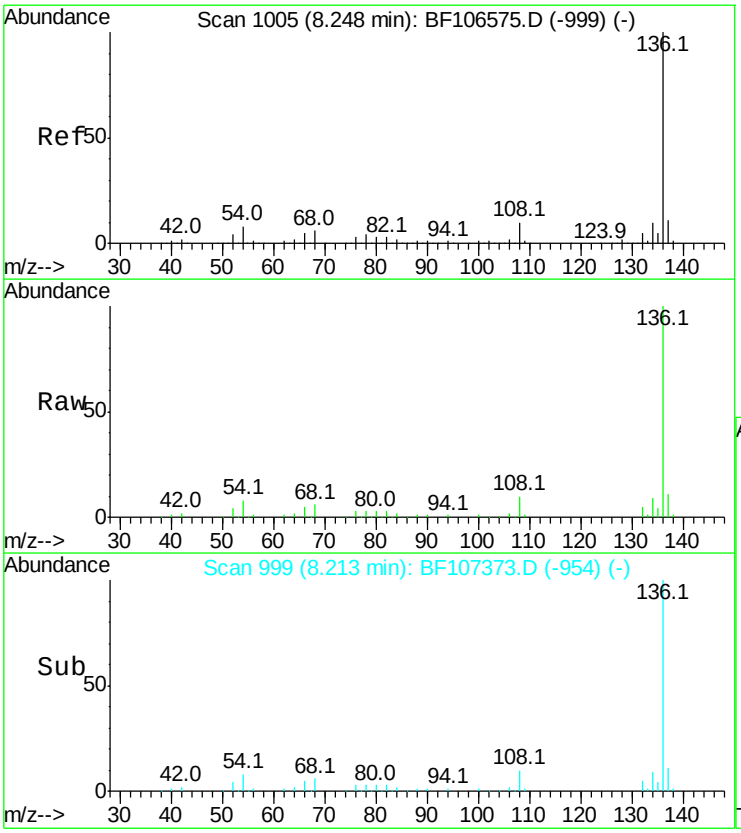
#7
Phenol-d6
Concen: 39.954 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion: 99 Resp: 118045

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.4	25.4	38.0

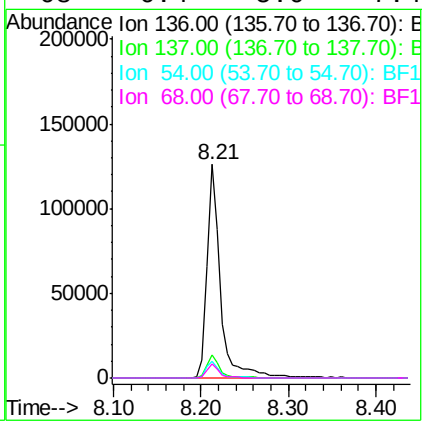


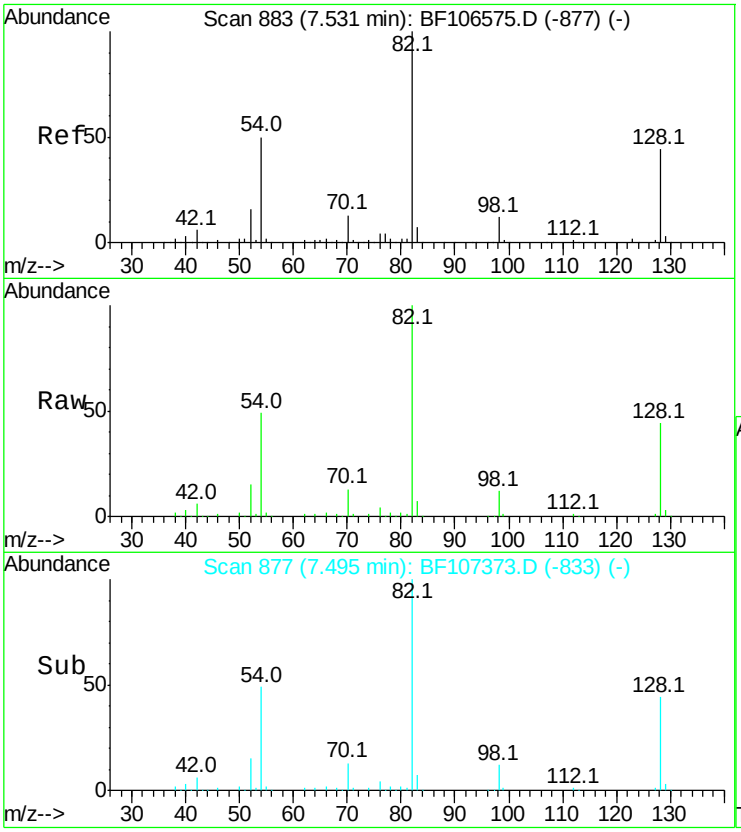


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:136 Resp: 135743

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.6	9.8
68	6.4	5.0	7.4



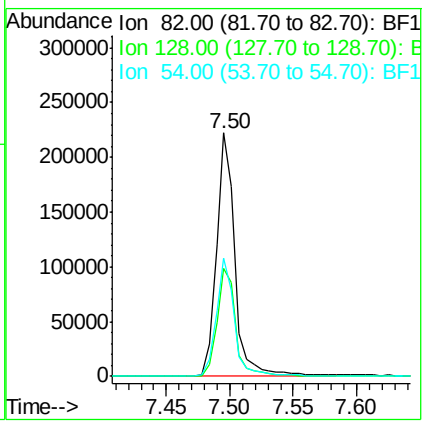


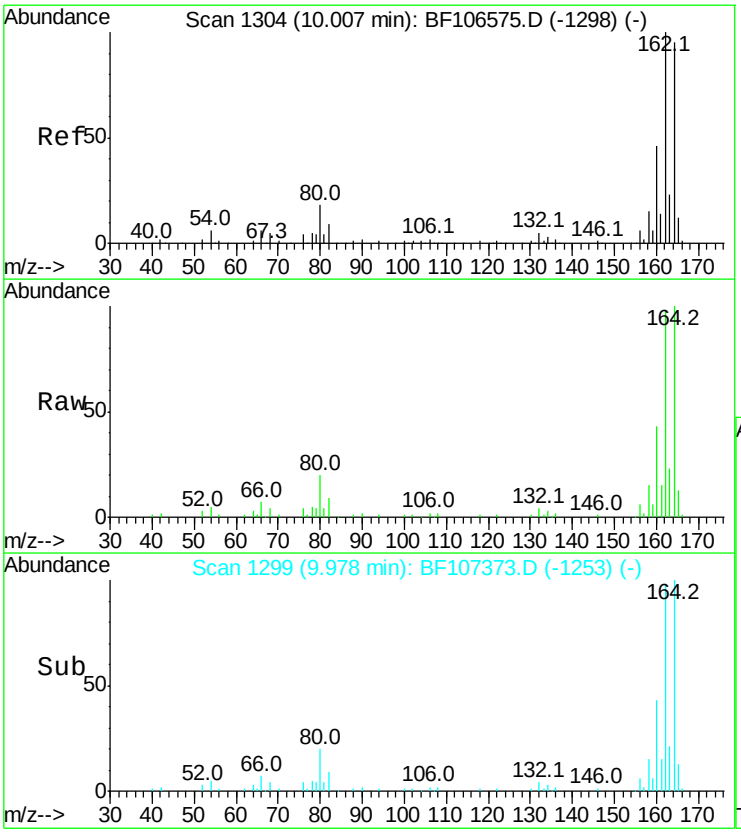
#23
Nitrobenzene-d5
Concen: 93.094 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion: 82 Resp: 227391

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.7	41.4	62.2

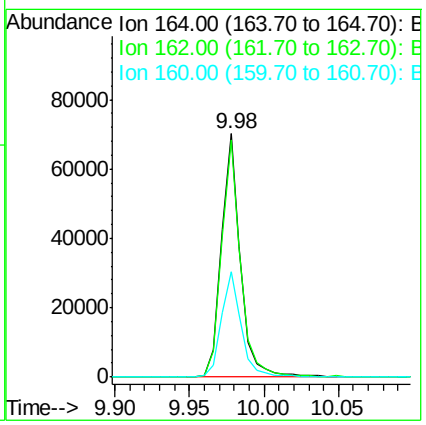


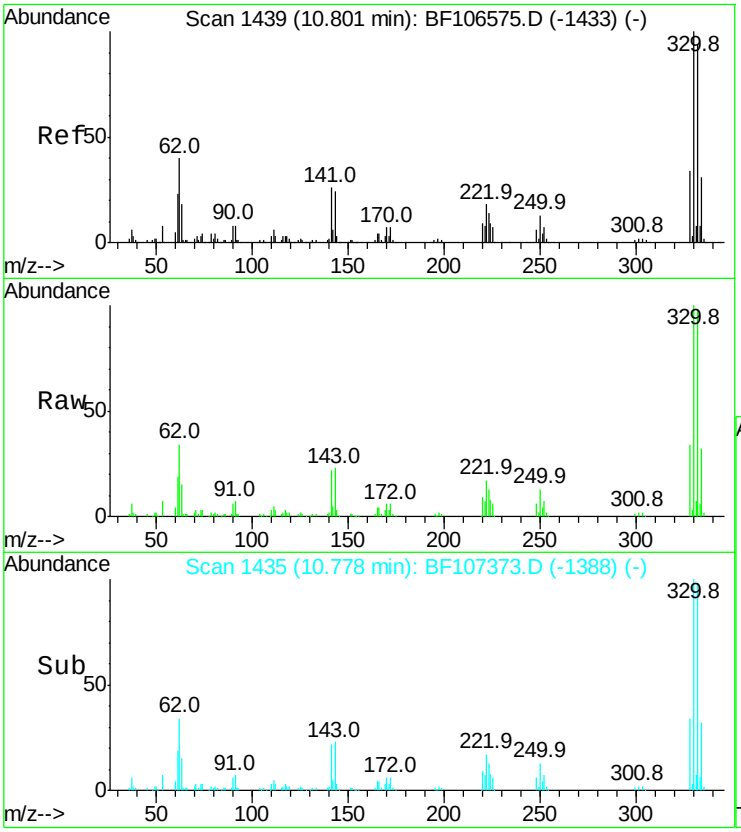


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:164 Resp: 63418

Ion	Ratio	Lower	Upper
164	100		
162	97.6	86.1	129.1
160	43.1	38.3	57.5



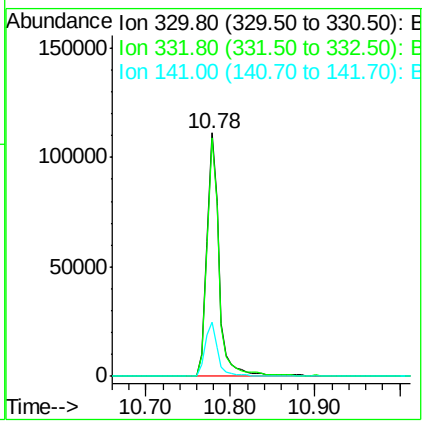


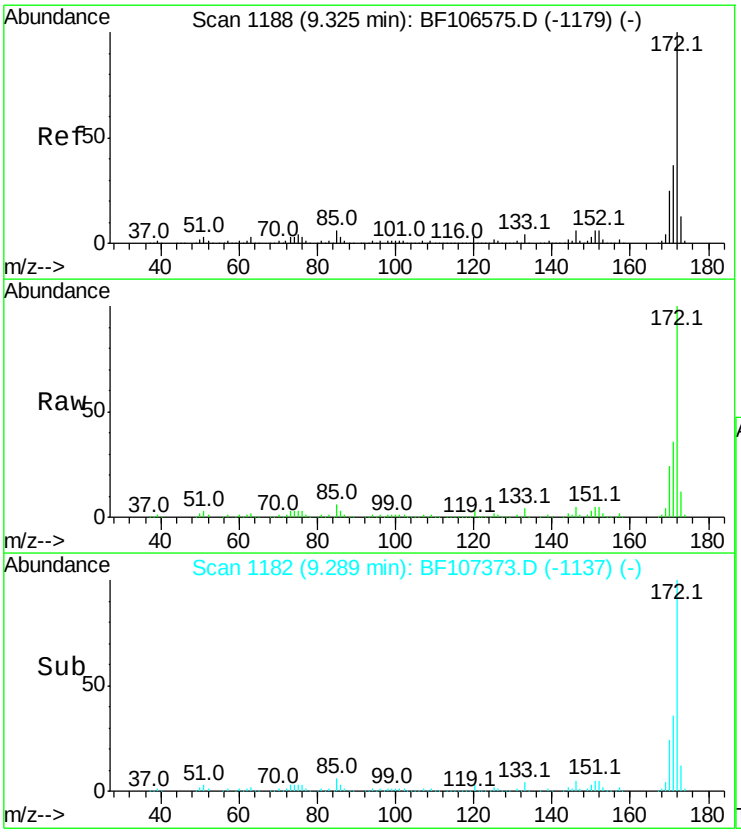
#41
2,4,6-Tribromophenol
Concen: 155.063 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:330 Resp: 113976

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	22.7	29.9	44.9#

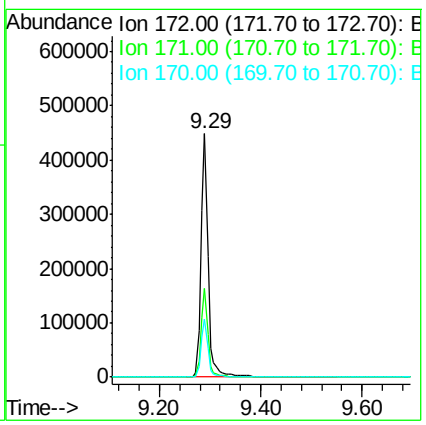


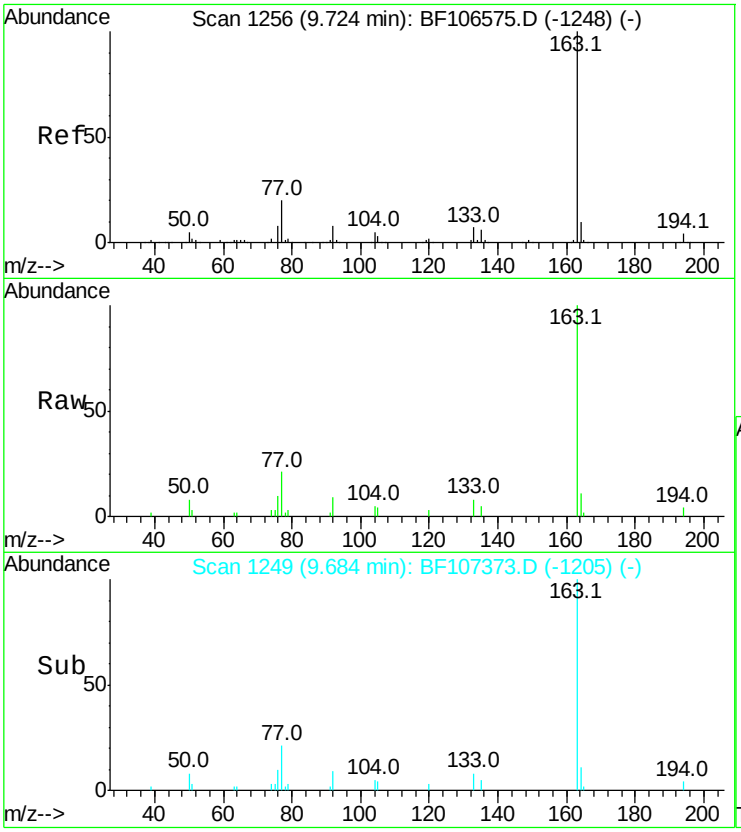


#44
2-Fluorobiphenyl
Concen: 124.110 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:172 Resp: 439576

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



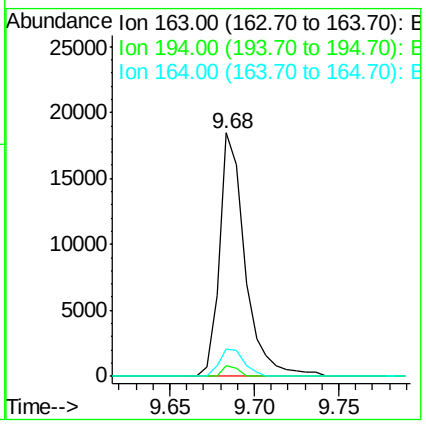


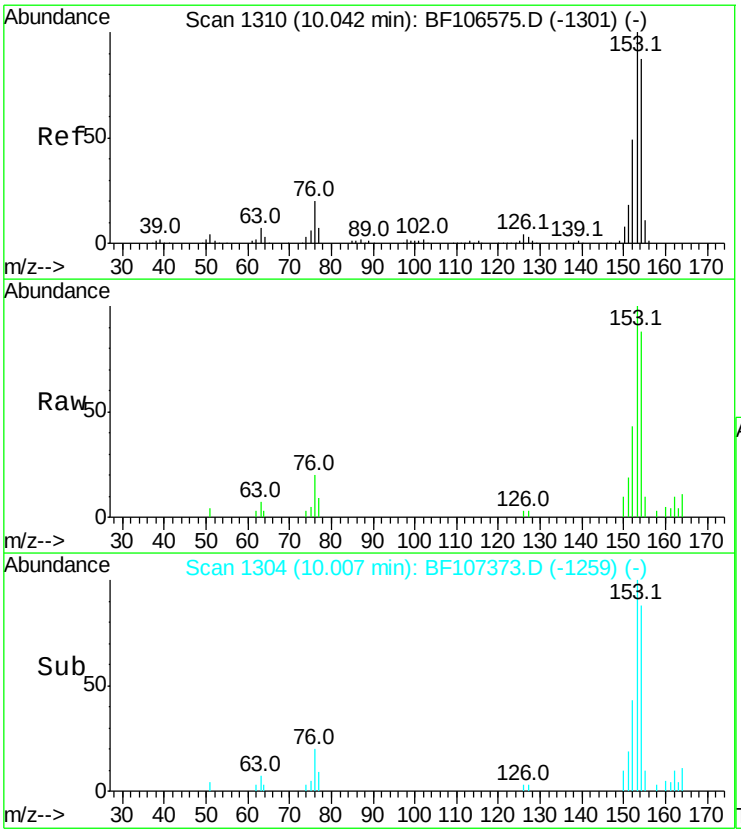
#49
Dimethylphthalate
Concen: 4.088 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:163 Resp: 19442

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	11.2	8.2	12.2

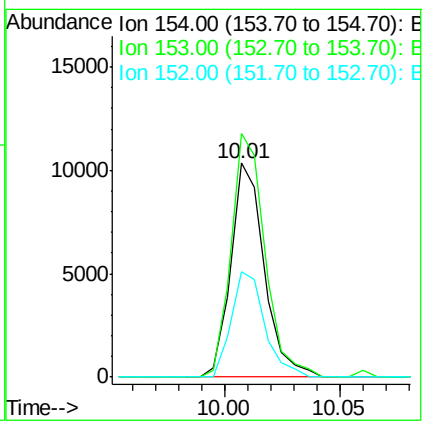


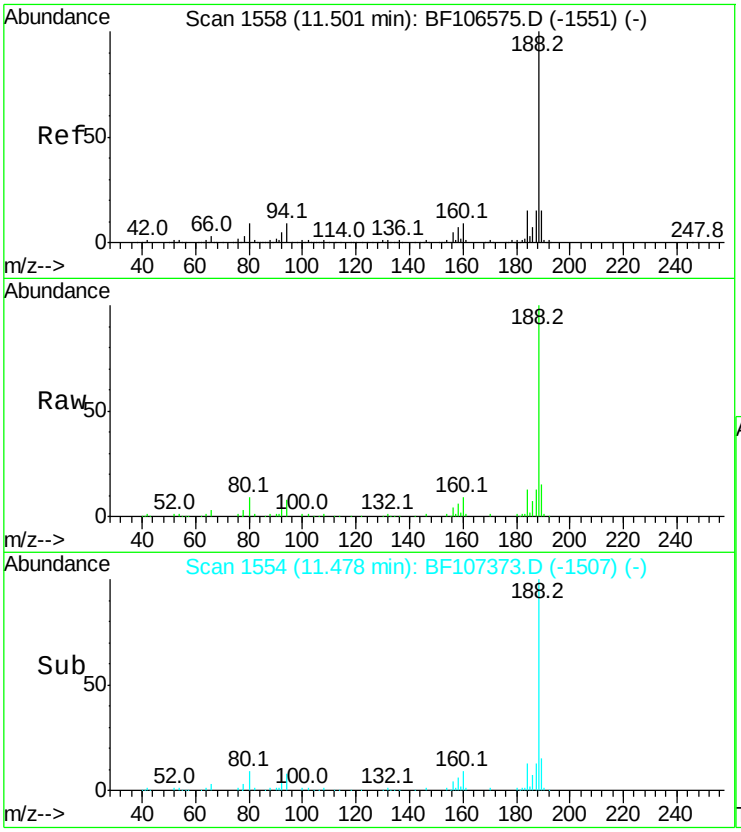


#51
Acenaphthene
Concen: 2.640 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:154 Resp: 10442

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	49.4	43.8	65.8



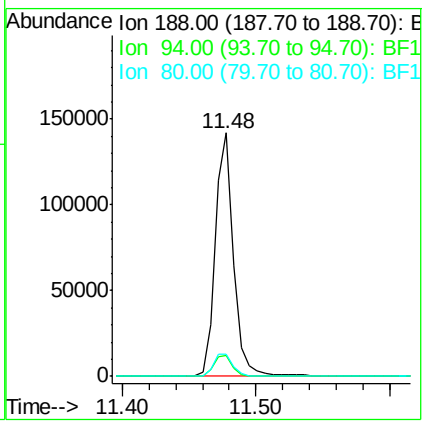


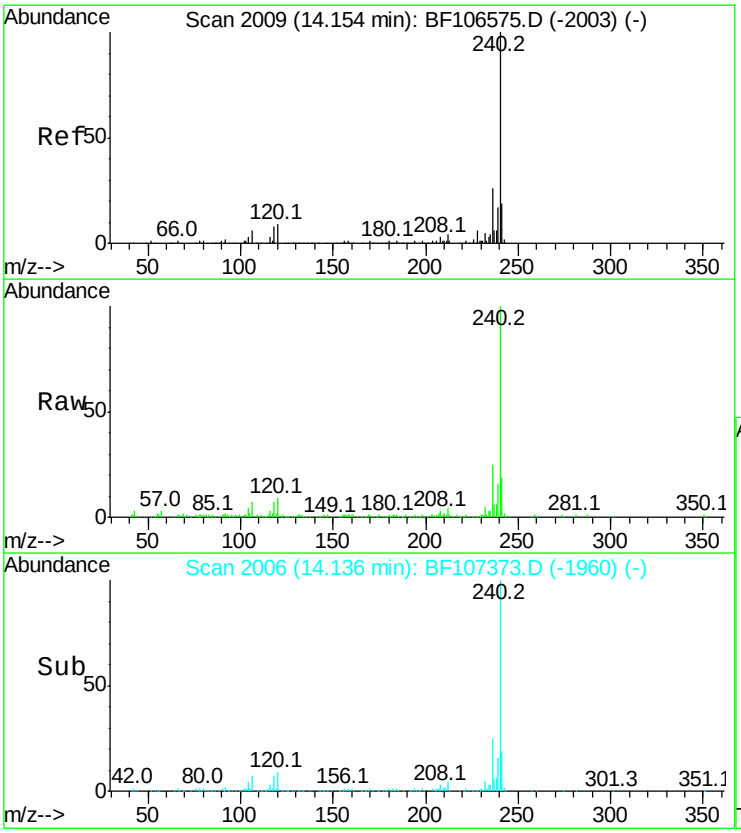
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:188 Resp: 136235

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	8.9	9.2	13.8#

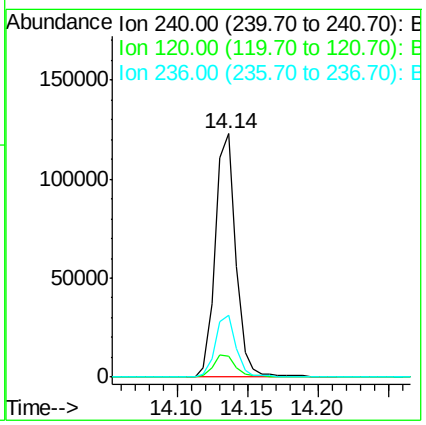


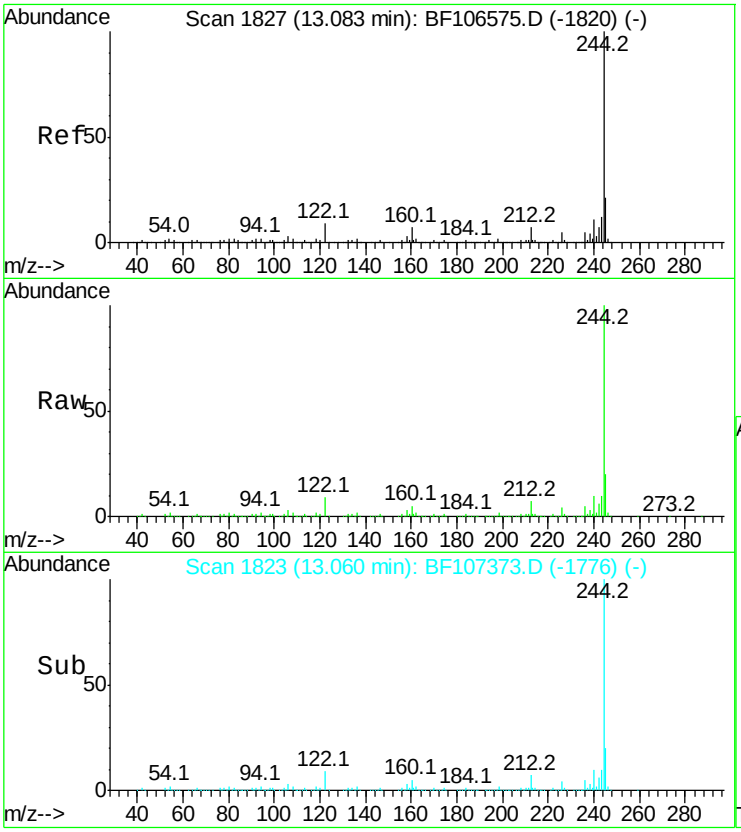


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:240 Resp: 125601

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.4	20.7	31.1



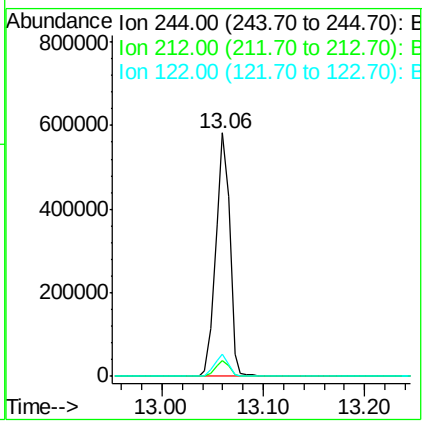


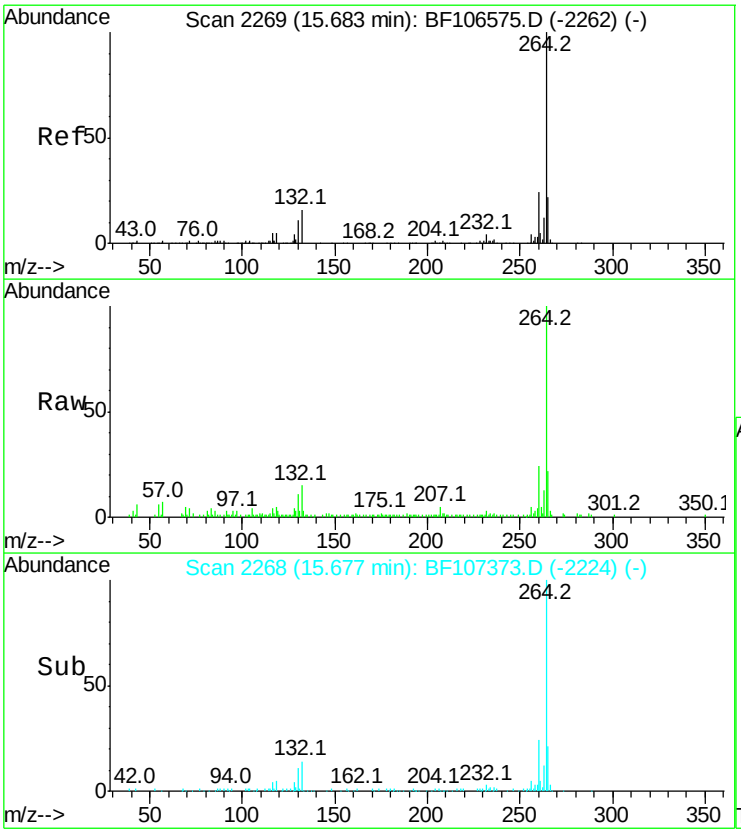
#78
Terphenyl-d14
Concen: 107.576 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Instrument :
BNA_F
ClientSampleId :
PAR-1-OILY-WATER

Tgt Ion:244 Resp: 557801

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107373.D
Acq: 13 Jul 2018 17:55

Tgt Ion:264 Resp: 90172

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3