Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111623.D
Acq On : 20 Dec 2018 6:26
Operator : JU/SJ
Sample : J6472-03 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Time: Dec 20 07:37:39 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	158595	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	567038	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	262567	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	474113	20.00	ng		0.00
76) Chrysene-d12	14.06	240	361010	20.00	ng		0.00
87) Perylene-d12	15.54	264	302334	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	7035	0.76	ng		0.00
7) Phenol-d6	6.51	99	6400	0.54	ng		-0.01
23) Nitrobenzene-d5	7.45	82	12433	1.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	4099	1.32	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	32637	1.81	ng		0.00
79) Terphenyl-d14	13.00	244	32578	1.71	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.55	93	87752	5.814	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	87752	8.765	ng	#	23
24) Nitrobenzene	7.57	77	49046	4.804	ng	#	41

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

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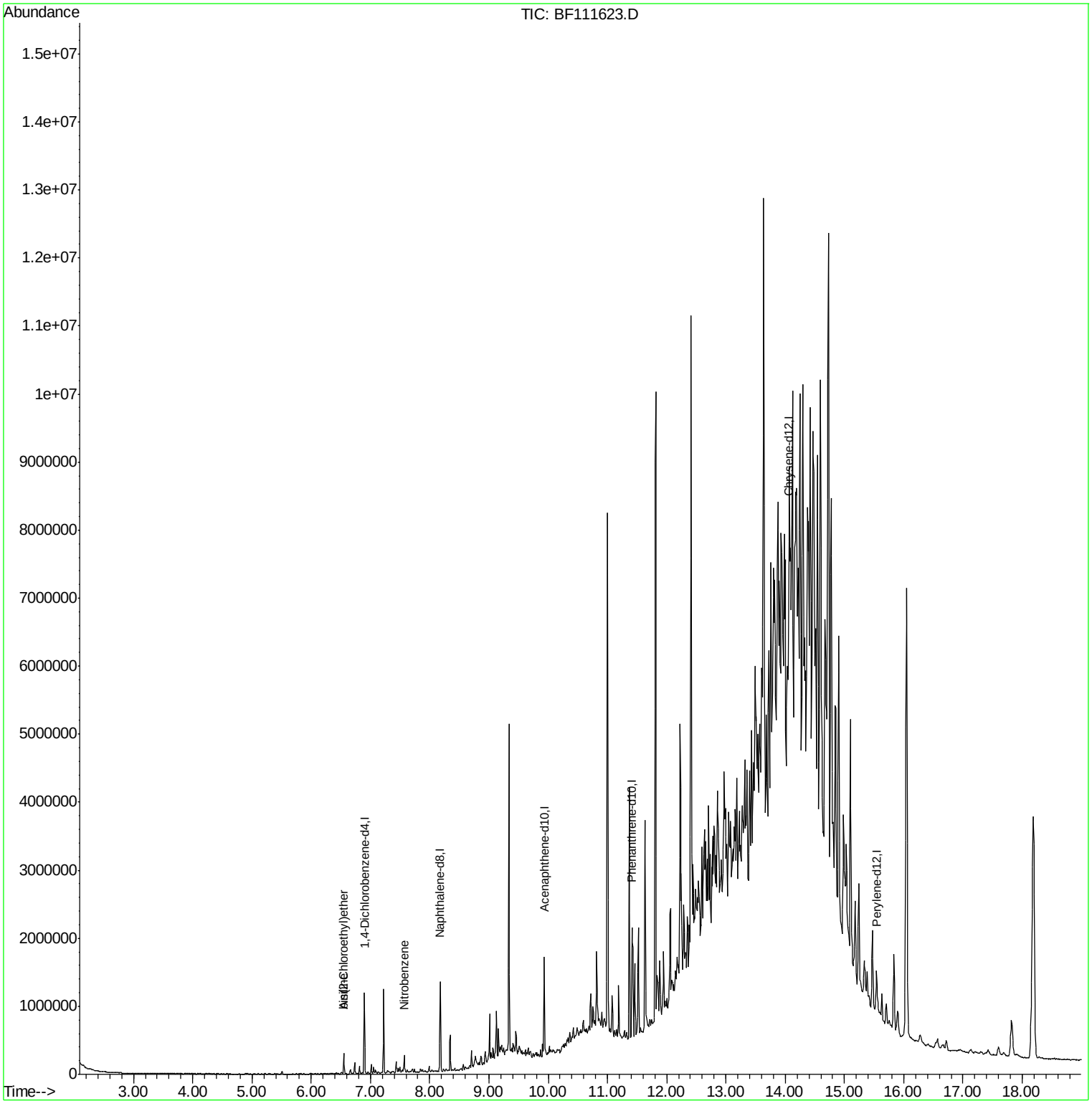
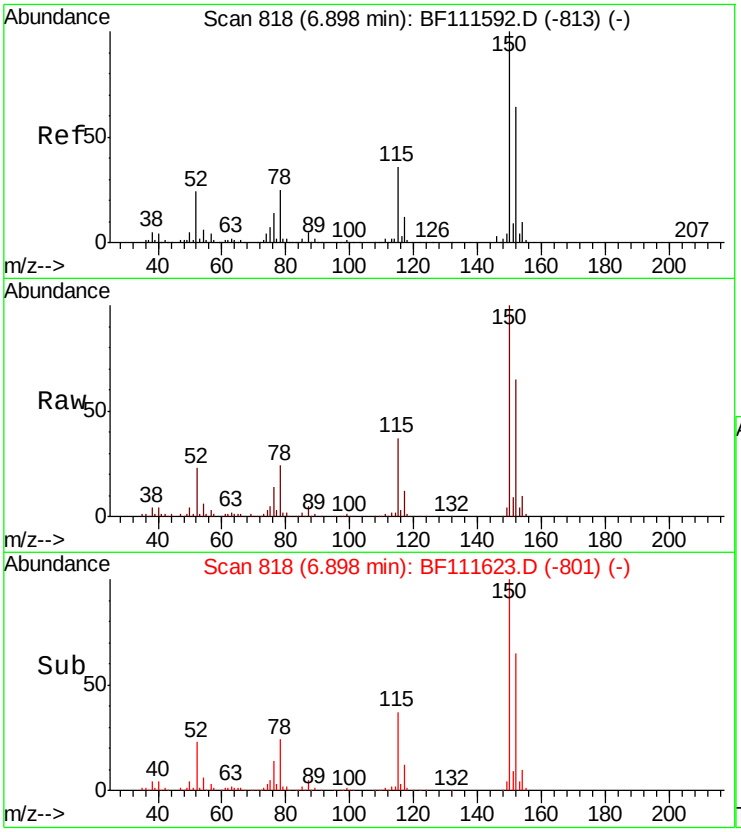


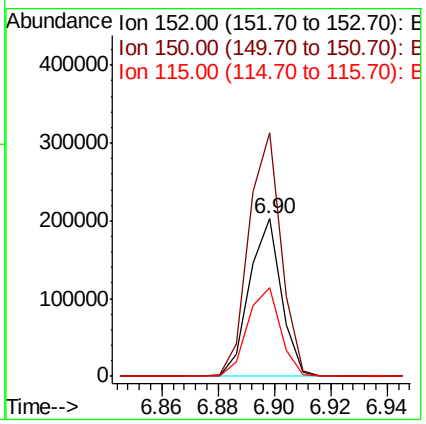


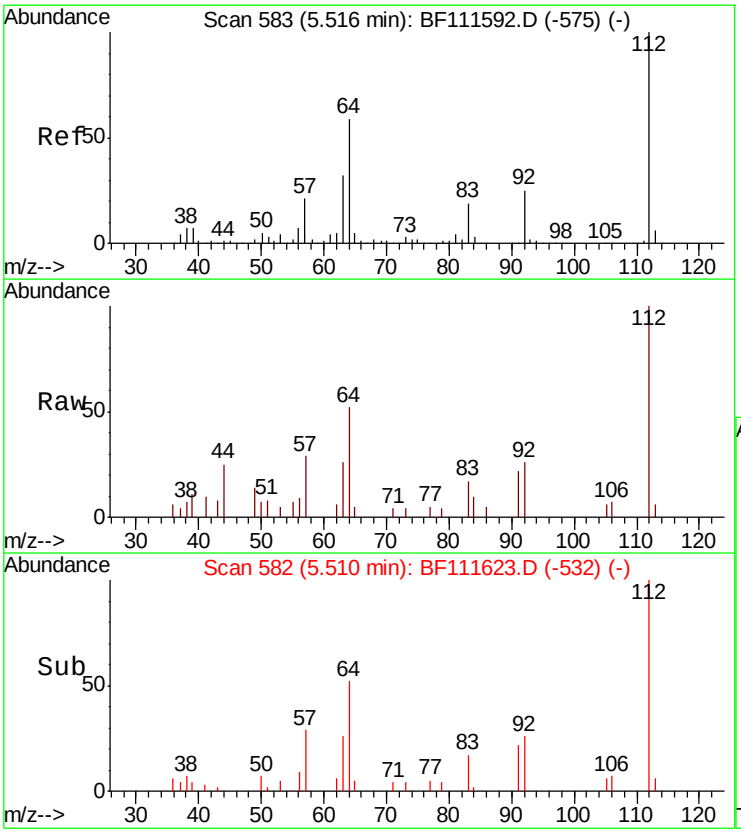
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:152 Resp: 158595

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	56.6	50.7	76.1

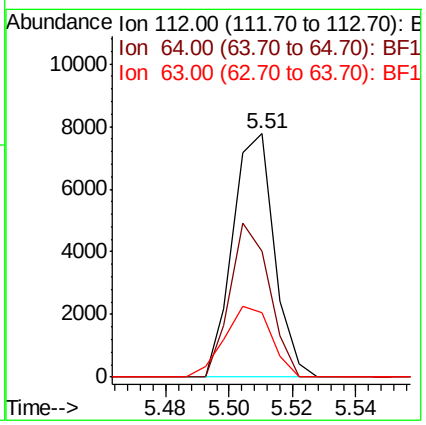


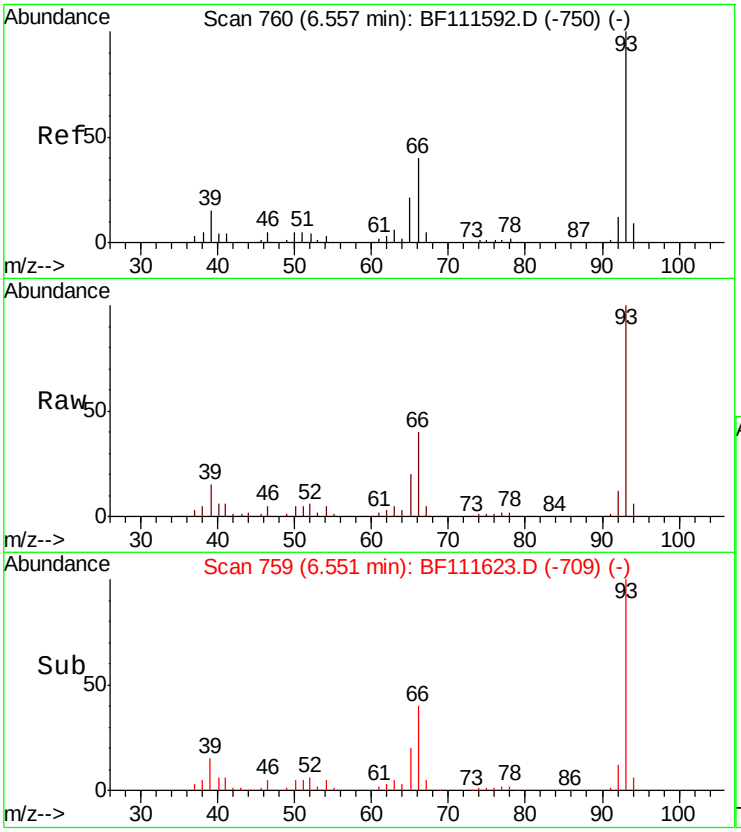


#5
2-Fluorophenol
Concen: 0.756 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:112 Resp: 7035

Ion	Ratio	Lower	Upper
112	100		
64	51.7	51.8	77.6#
63	26.5	26.8	40.2#



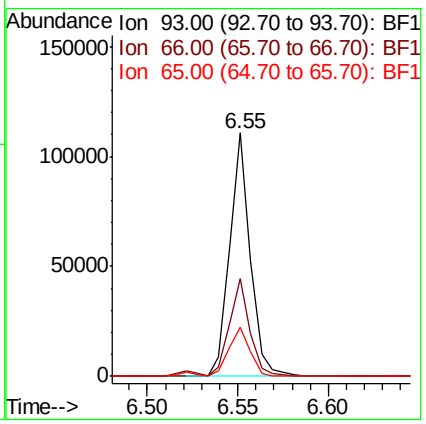


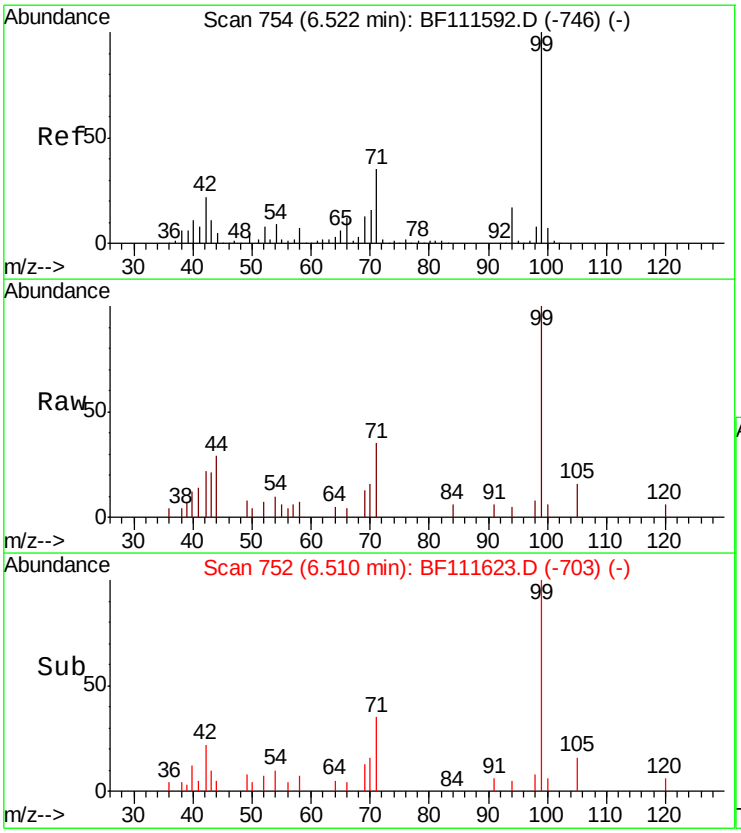
#6
Aniline
Concen: 5.814 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 93 Resp: 87752

Ion	Ratio	Lower	Upper
93	100		
66	40.1	33.2	49.8
65	20.0	17.0	25.4

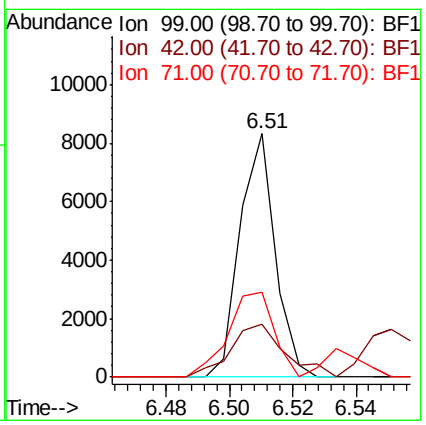


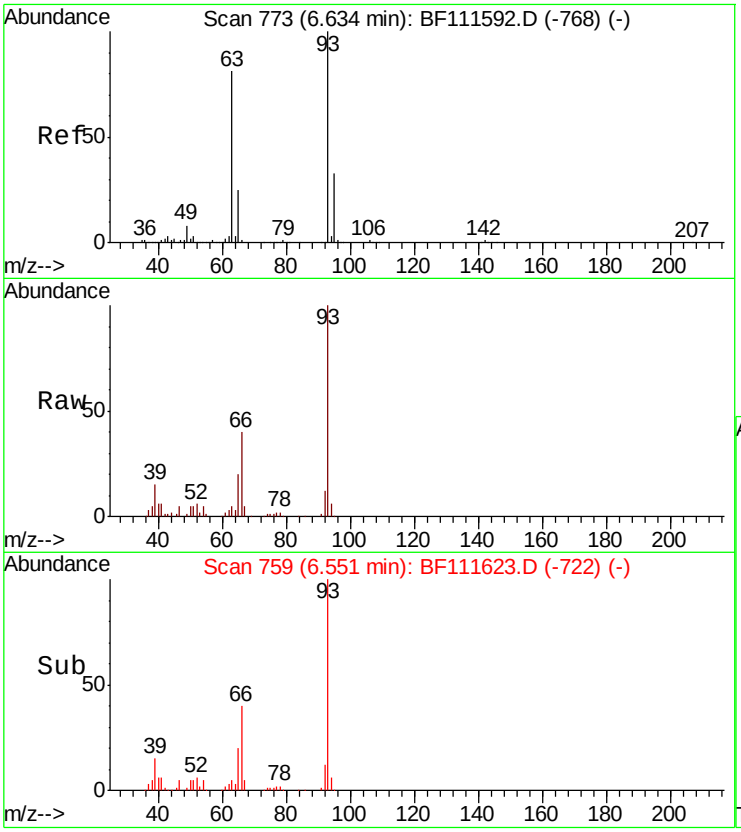


#7
Phenol-d6
Concen: 0.540 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion: 99 Resp: 6400

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	34.6	26.1	39.1



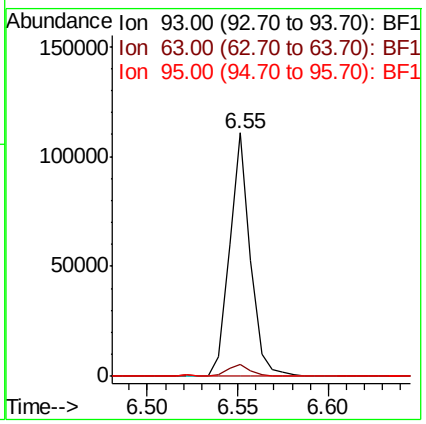


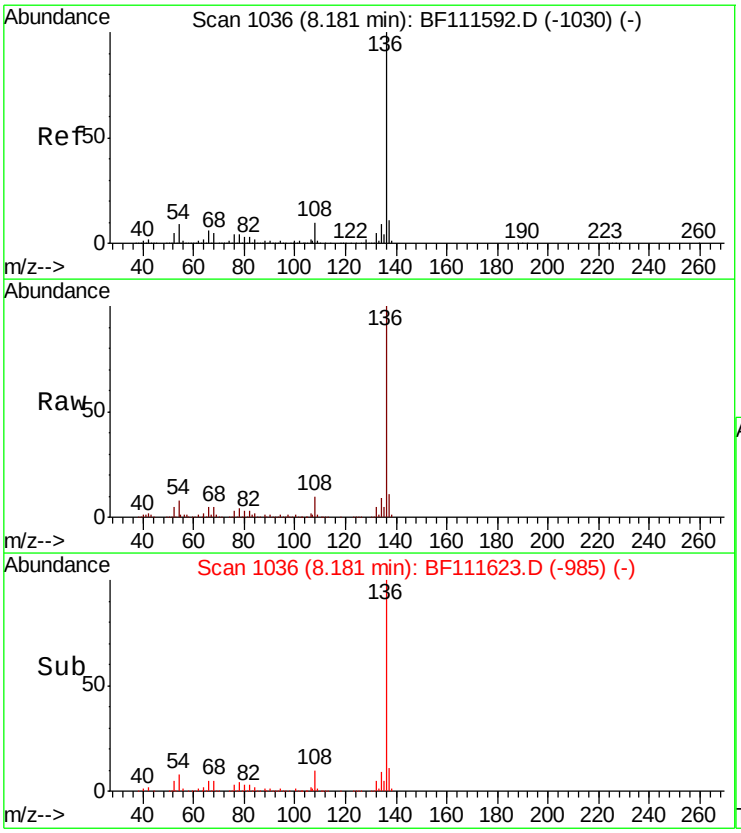
#11
bis(2-Chloroethyl)ether
Concen: 8.765 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 93 Resp: 87752

Ion	Ratio	Lower	Upper
93	100		
63	5.1	60.0	100.0#
95	0.4	13.4	53.4#

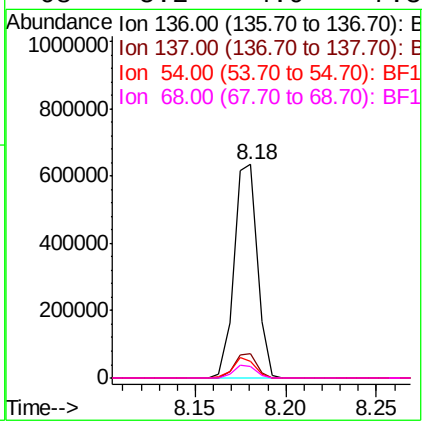


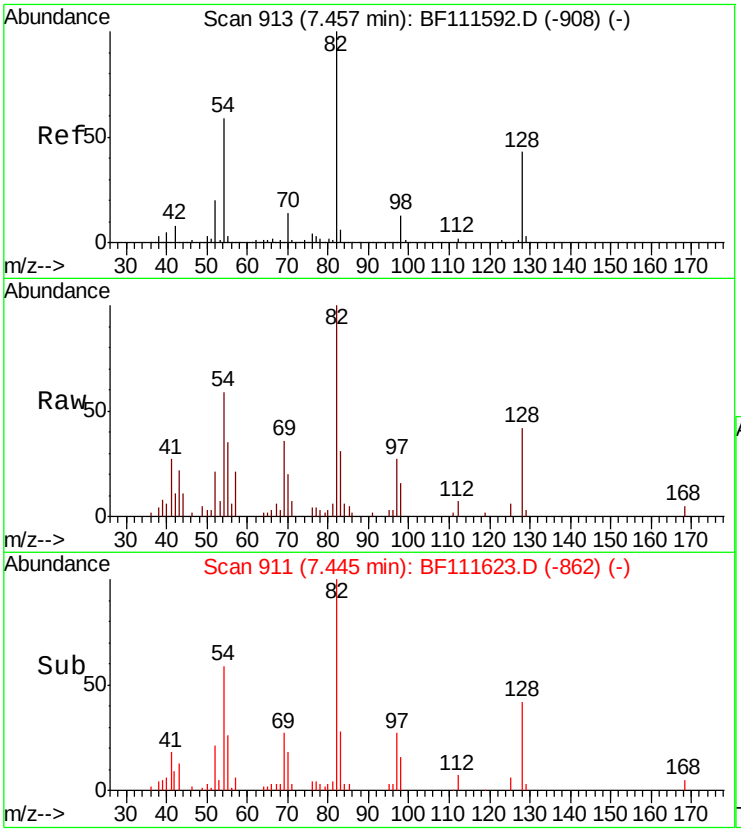


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:136 Resp: 567038

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.9	7.7	11.5
68	5.2	4.9	7.3



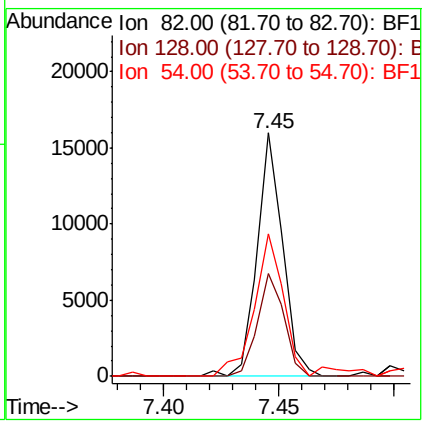


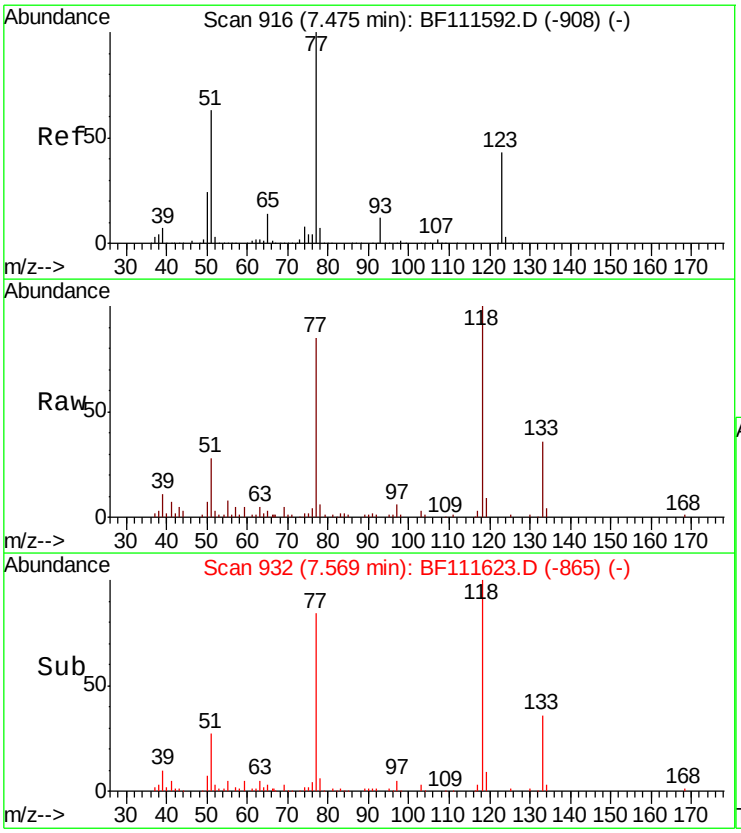
#23
Nitrobenzene-d5
Concen: 1.276 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion: 82 Resp: 12433

Ion	Ratio	Lower	Upper
82	100		
128	42.3	37.4	56.2
54	58.6	47.6	71.4

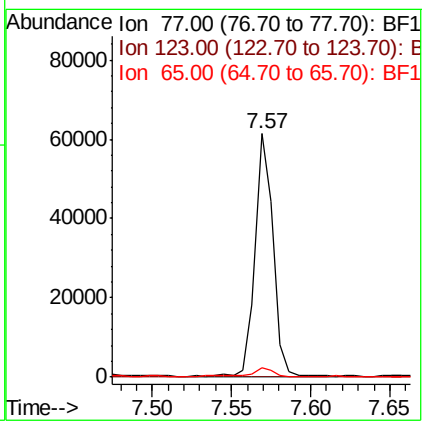


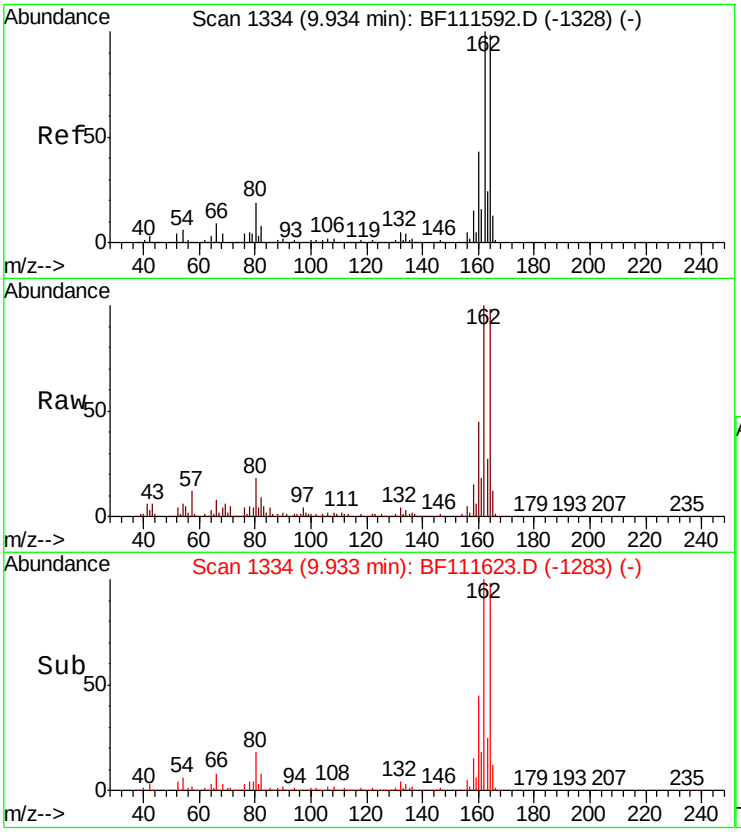


#24
Nitrobenzene
Concen: 4.804 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.09 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion: 77 Resp: 49046

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	4.0	11.5	17.3#



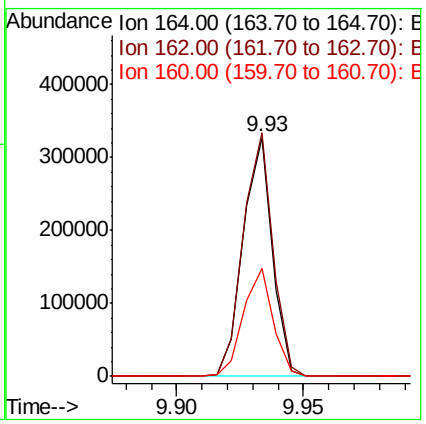


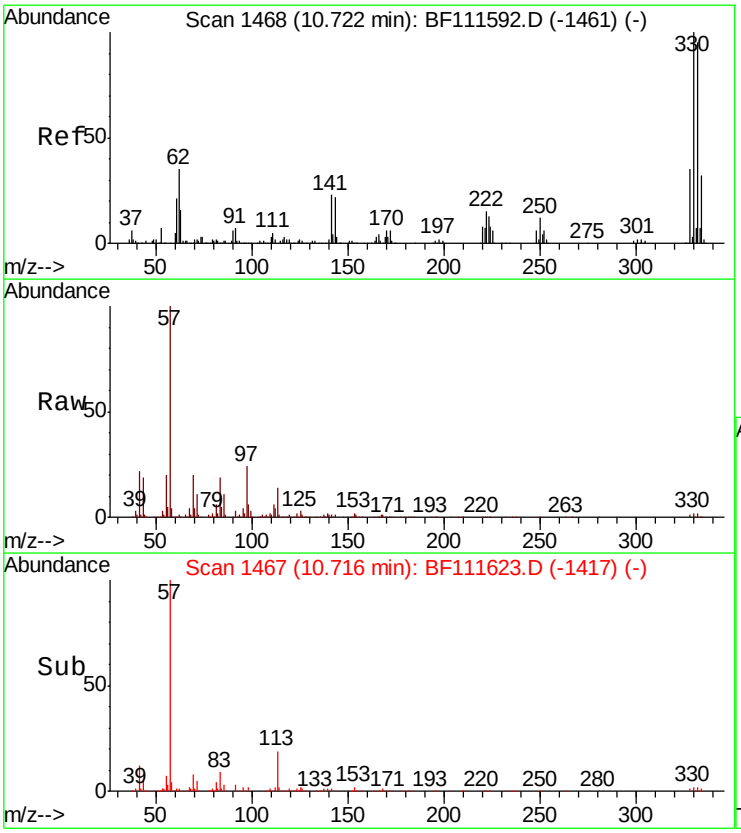
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:164 Resp: 262567

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	45.5	35.7	53.5

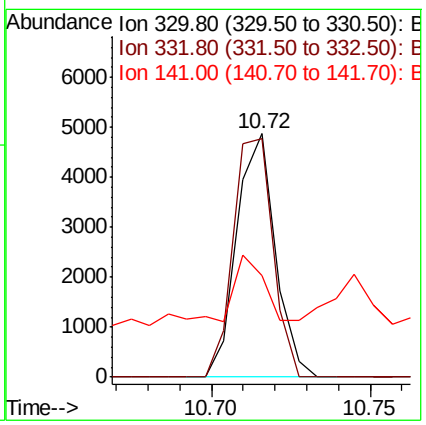


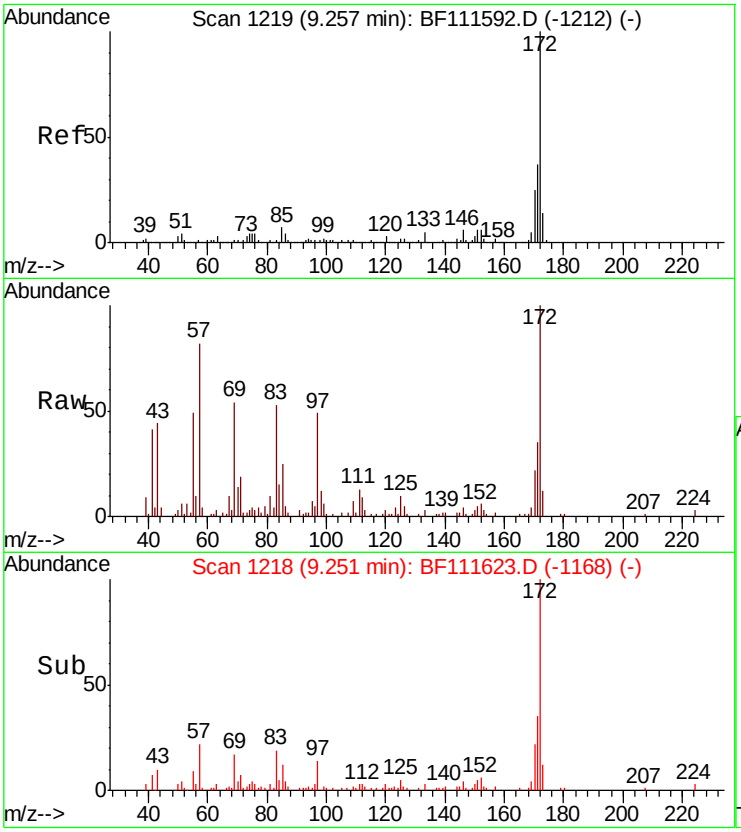


#42
2,4,6-Tribromophenol
Concen: 1.321 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:330 Resp: 4099

Ion	Ratio	Lower	Upper
330	100		
332	101.0	76.0	114.0
141	53.6	31.0	46.6#



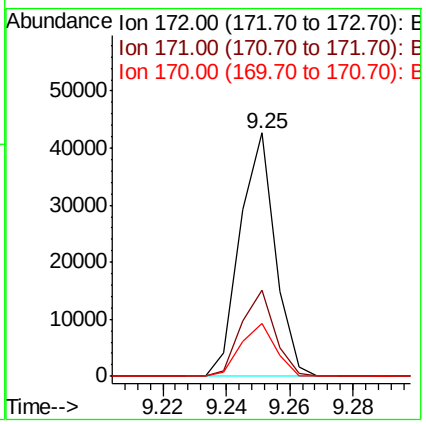


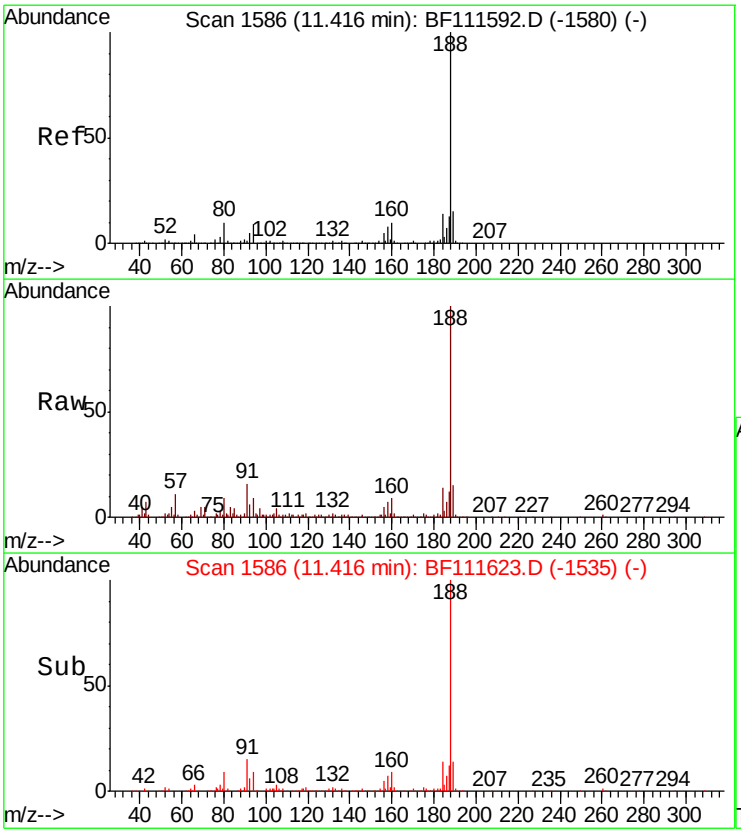
#45
2-Fluorobiphenyl
Concen: 1.812 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:172 Resp: 32637

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	21.9	22.3	33.5#

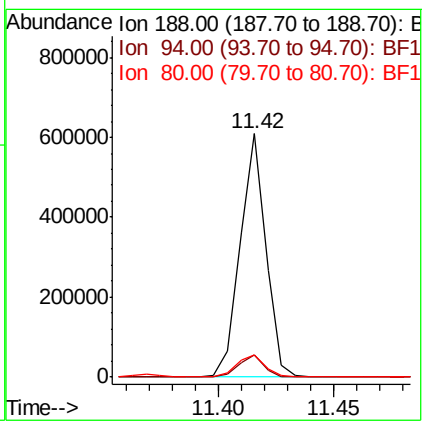


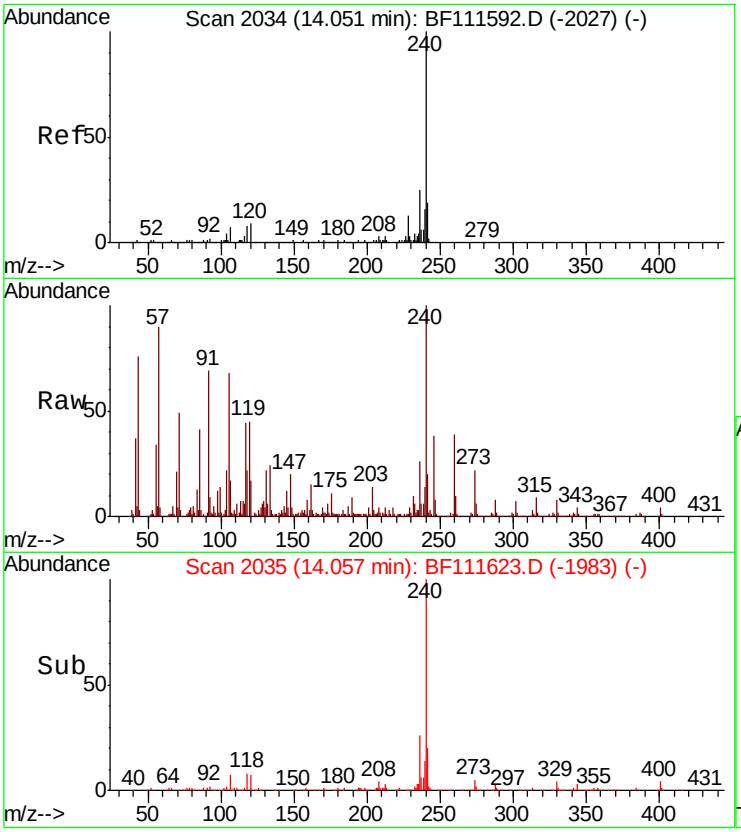


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:188 Resp: 474113

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.6	14.4#
80	9.2	9.8	14.6#



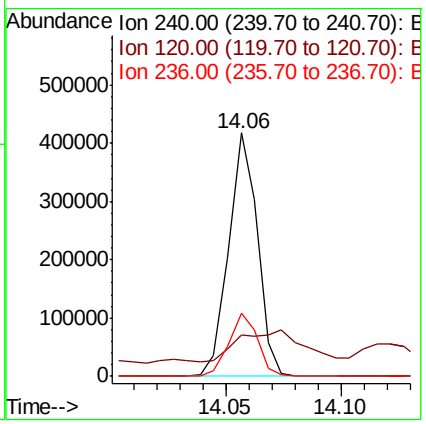


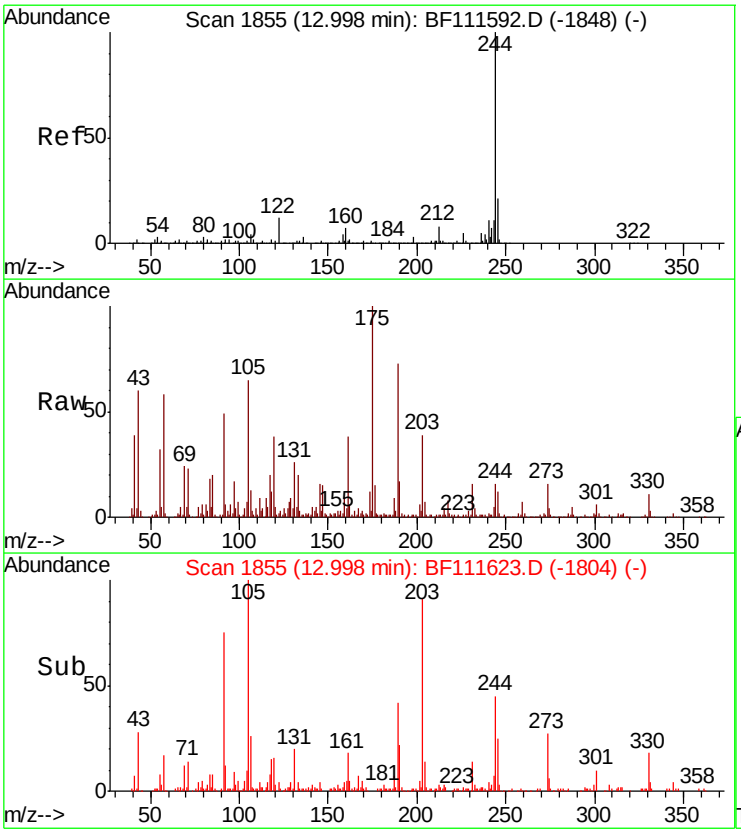
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:240 Resp: 361010

Ion	Ratio	Lower	Upper
240	100		
120	16.8	12.2	18.2
236	25.8	20.2	30.2

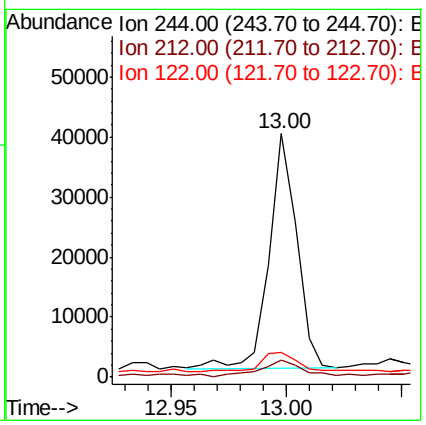


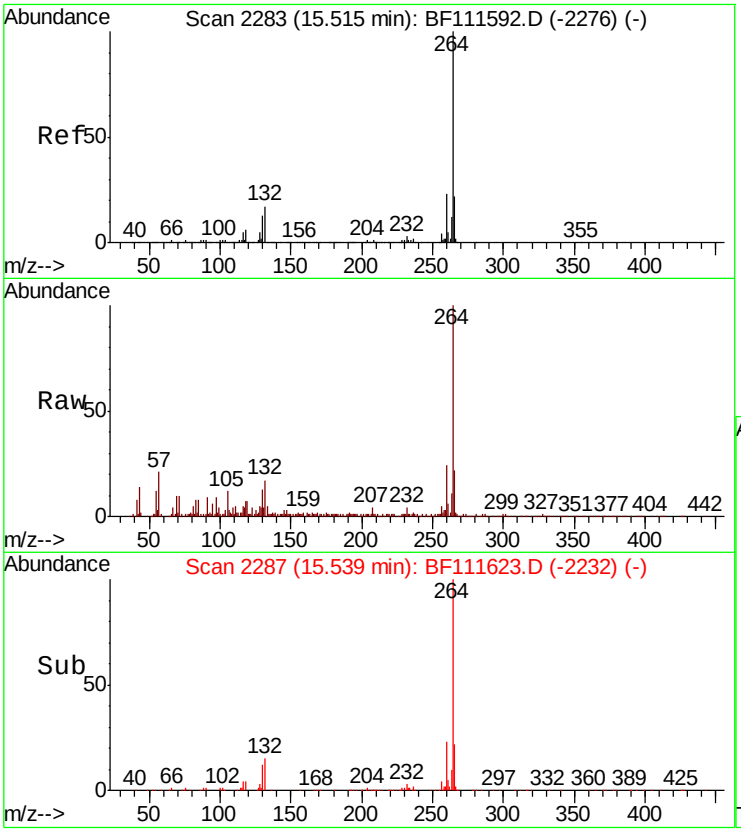


#79
Terphenyl-d14
Concen: 1.711 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Tgt Ion:244 Resp: 32578

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111623.D
Acq: 20 Dec 2018 6:26

Instrument :
BNA_F
ClientSampleId :
OILY-WATER

Tgt Ion:264 Resp: 302334

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.2	17.7	26.5