Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118187.D
Acq On : 13 Dec 2019 15:43
Operator : JU
Sample : K5674-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-DRUM

Quant Time: Dec 13 22:46:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110791	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	396220	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	187527	20.00	ng		0.00
64) Phenanthrene-d10	11.44	188	265278	20.00	ng		0.03
76) Chrysene-d12	14.17	240	193400	20.00	ng		0.10
87) Perylene-d12	15.63	264	292046	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	286072	45.22	ng		0.00
7) Phenol-d6	6.49	99	217232	28.39	ng		0.00
23) Nitrobenzene-d5	7.43	82	523799	74.37	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	241568	106.04	ng		0.01
45) 2-Fluorobiphenyl	9.24	172	1065400	86.45	ng		0.00
79) Terphenyl-d14	13.09	244	603780	53.69	ng		0.09
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	844	Below Cal		#	70
10) Phenol	6.50	94	37795	4.332	ng		91
15) Benzyl Alcohol	7.02	79	12264	2.053	ng	#	53
25) Isophorone	7.77	82	24680	2.067	ng	#	68
35) Caprolactam	8.57	113	7505	4.232	ng	#	32
48) 2-Nitroaniline	9.59	65	51552	15.195	ng	#	18
50) Dimethylphthalate	9.63	163	41919	3.026	ng	#	95
60) Diethylphthalate	10.34	149	37732	2.765	ng	#	88
66) n-Nitrosodiphenylamine	10.59	169	20509	2.476	ng		90
70) Pentachlorophenol	11.25	266	7526	4.490	ng	#	72
74) Di-n-butylphthalate	12.01	149	85627	5.421	ng	#	60
82) 3,3'-Dichlorobenzidine	14.10	252	12938	2.946	ng	#	1
84) Bis(2-ethylhexyl)phthalate	14.10	149	792991	87.128	ng	#	91
85) Di-n-octyl phthalate	14.73	149	224332	16.271	ng	#	74

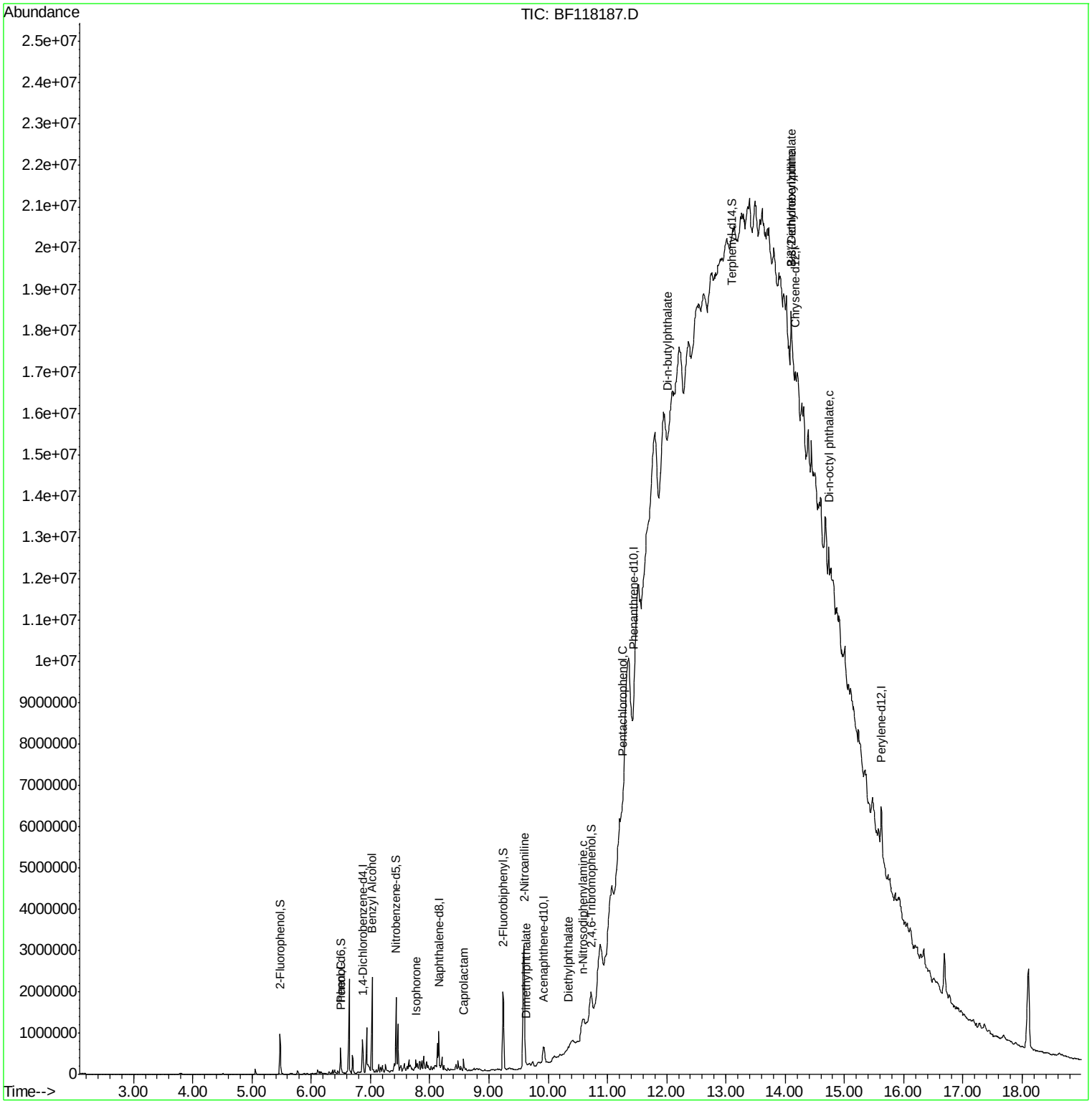
(#) = qualifier out of range (m) = manual integration (+) = signals summed

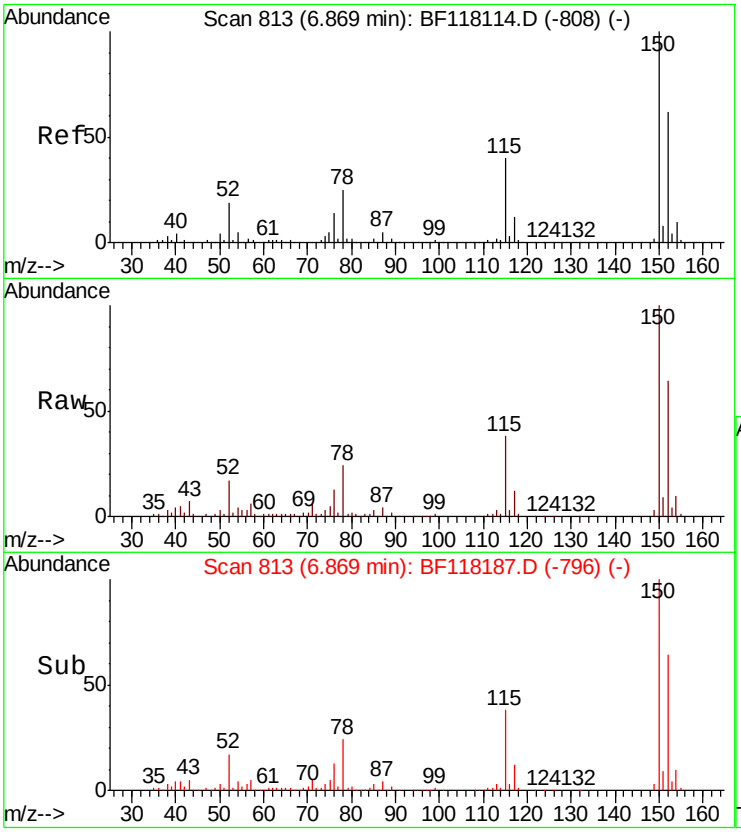
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118187.D
Acq On : 13 Dec 2019 15:43
Operator : JU
Sample : K5674-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Quant Time: Dec 13 22:46:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



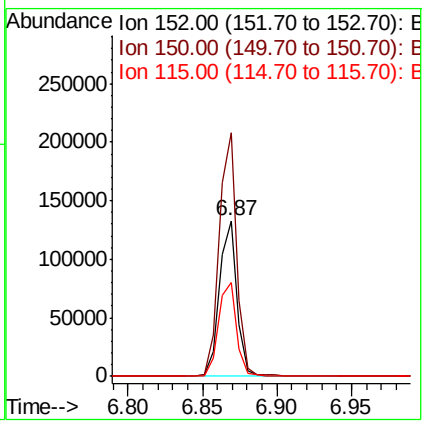


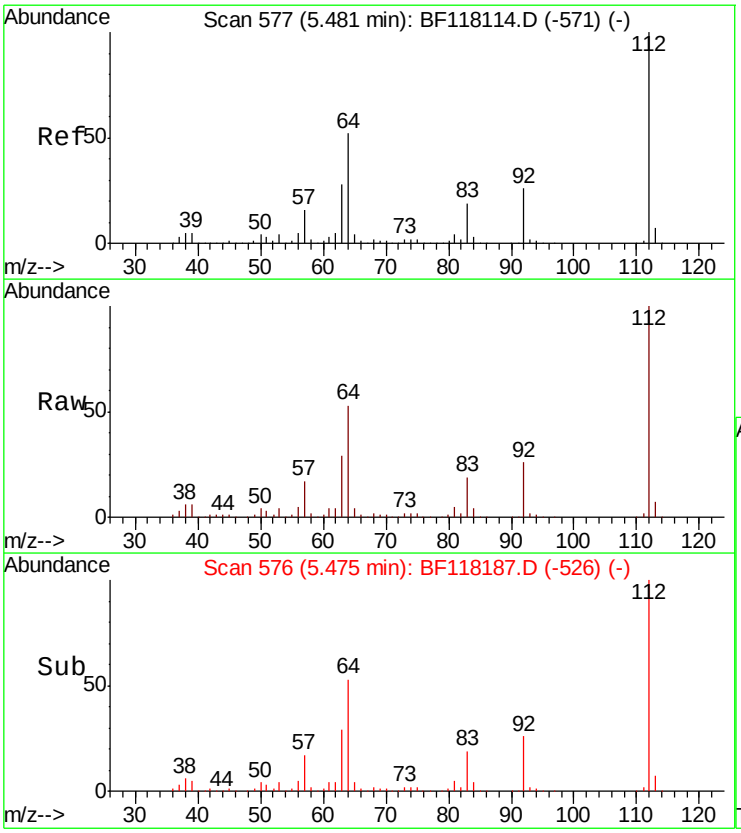
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:152 Resp: 110791

Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.3	192.5
115	60.0	51.1	76.7

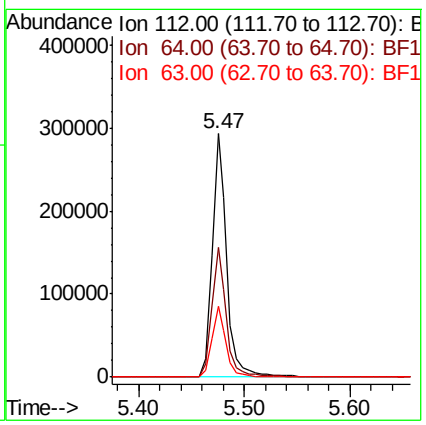


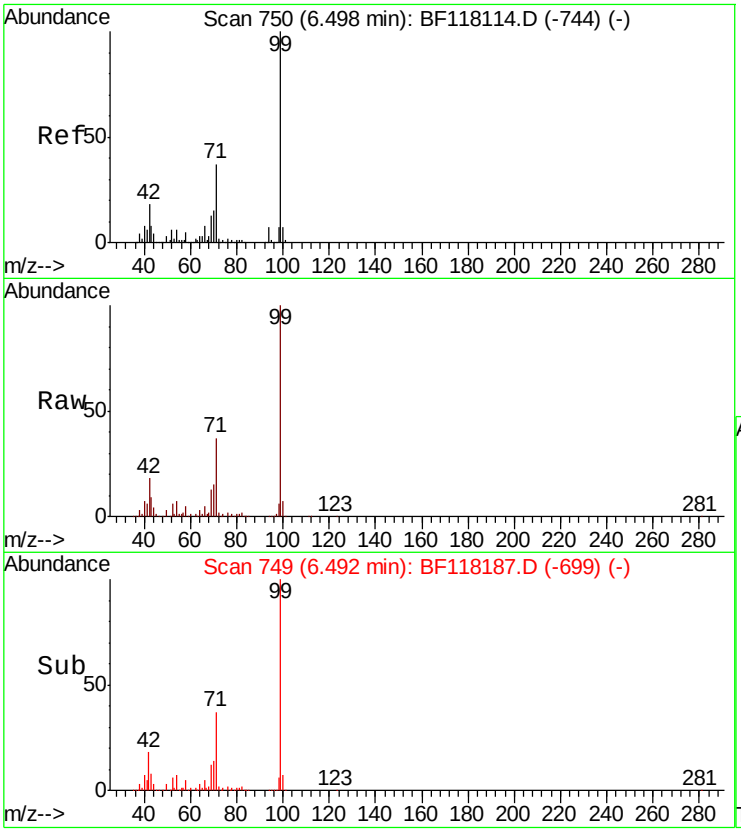


#5
2-Fluorophenol
Concen: 45.224 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:112 Resp: 286072

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.3	61.9
63	29.3	22.4	33.6



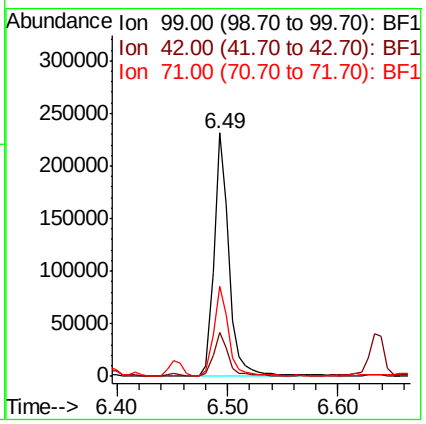


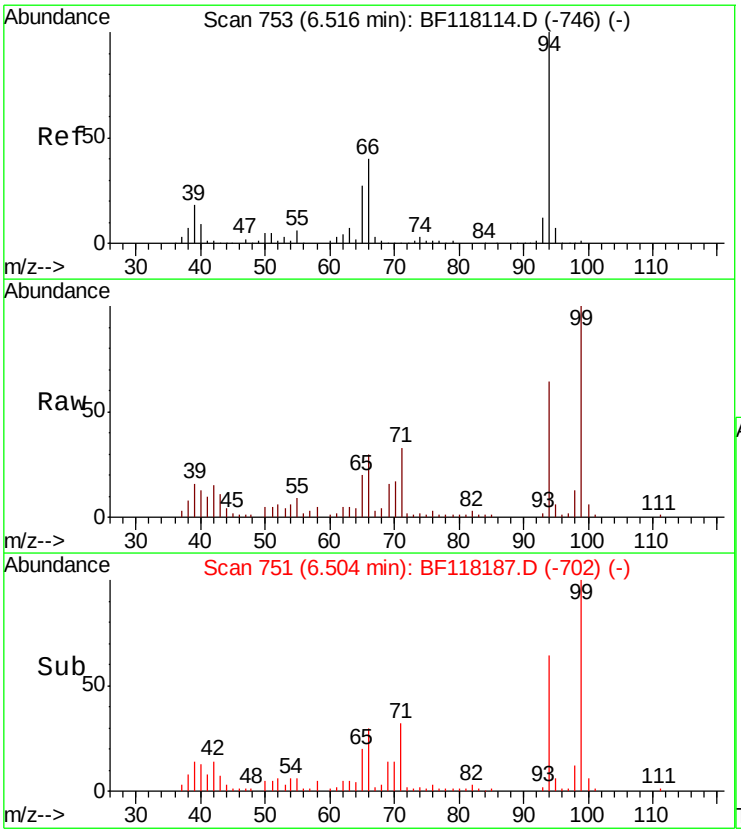
#7
Phenol-d6
Concen: 28.393 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion: 99 Resp: 217232

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	37.0	29.7	44.5

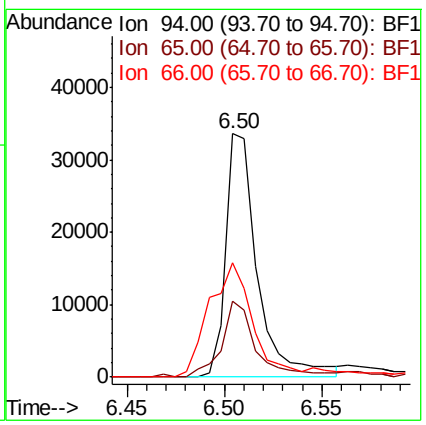


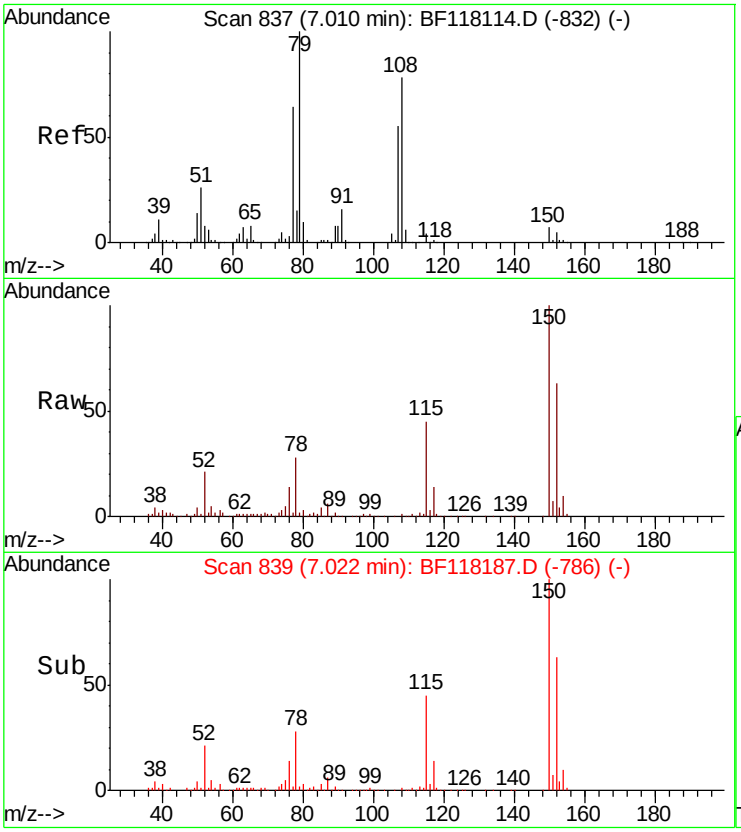


#10
Phenol
Concen: 4.332 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion: 94 Resp: 37795

Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.3	47.3
66	47.0	20.2	60.2



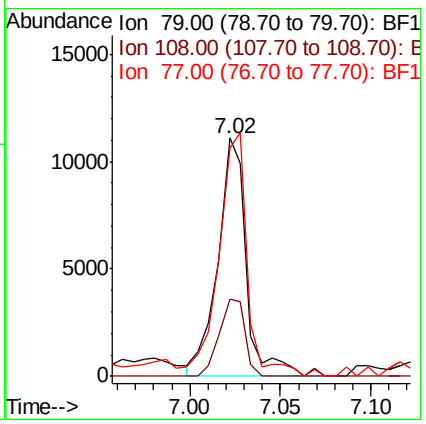


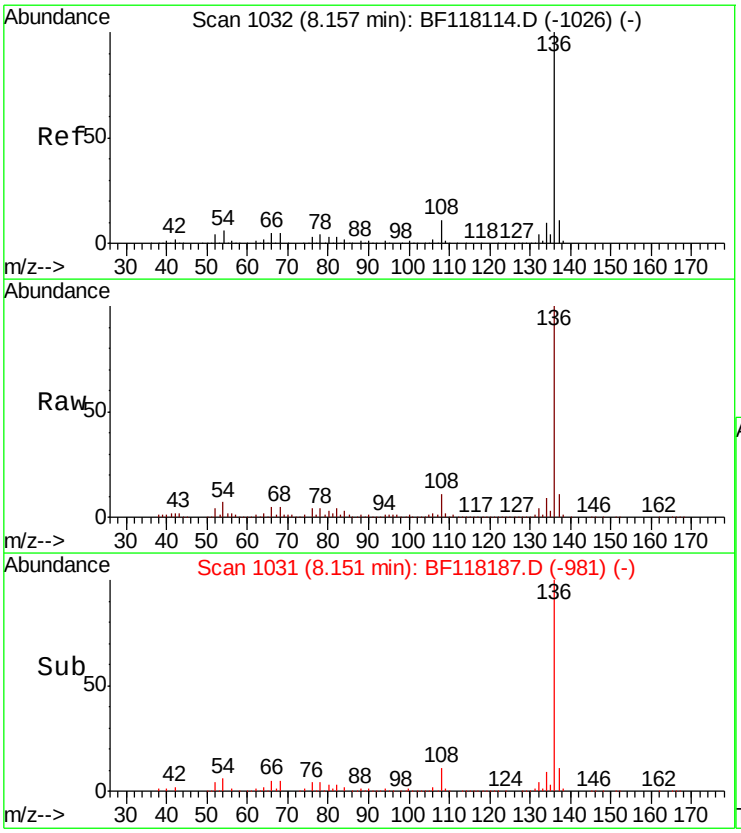
#15
Benzyl Alcohol
Concen: 2.053 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion: 79 Resp: 12264

Ion	Ratio	Lower	Upper
79	100		
108	32.3	62.7	94.1#
77	95.8	51.4	77.2#

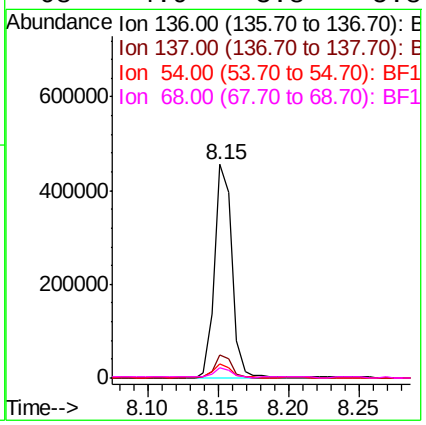


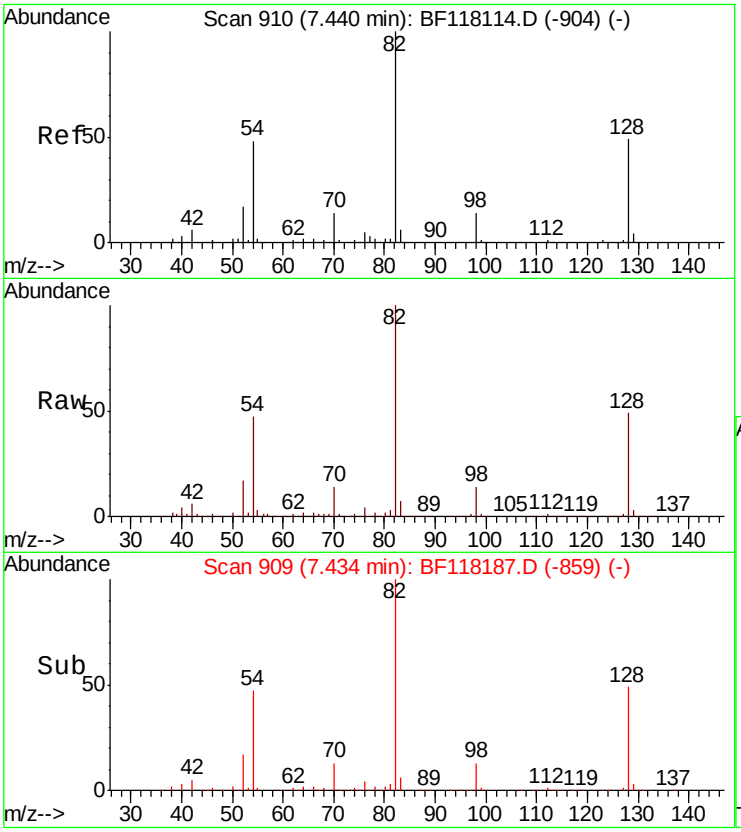


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:136 Resp: 396220

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.7	5.0	7.6
68	4.9	3.8	5.8



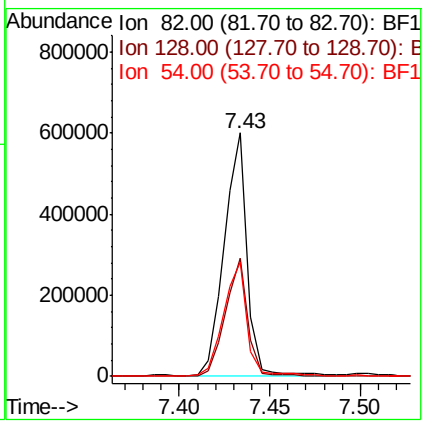


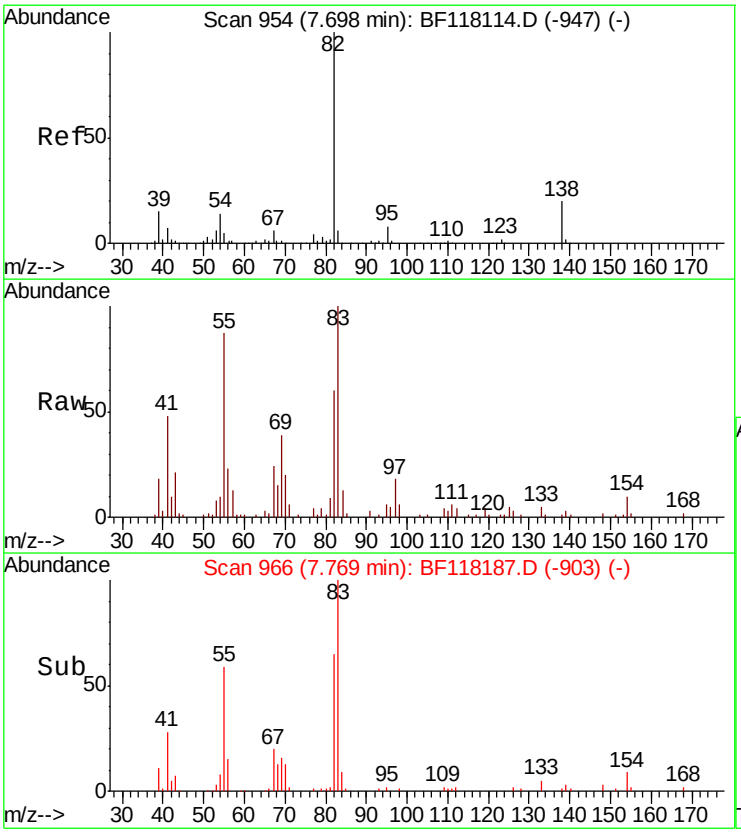
#23
Nitrobenzene-d5
Concen: 74.372 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion: 82 Resp: 523799

Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	47.0	38.2	57.2

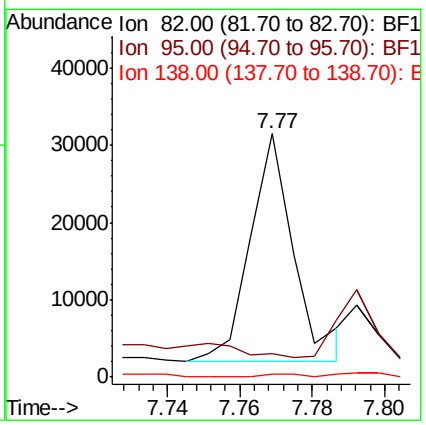


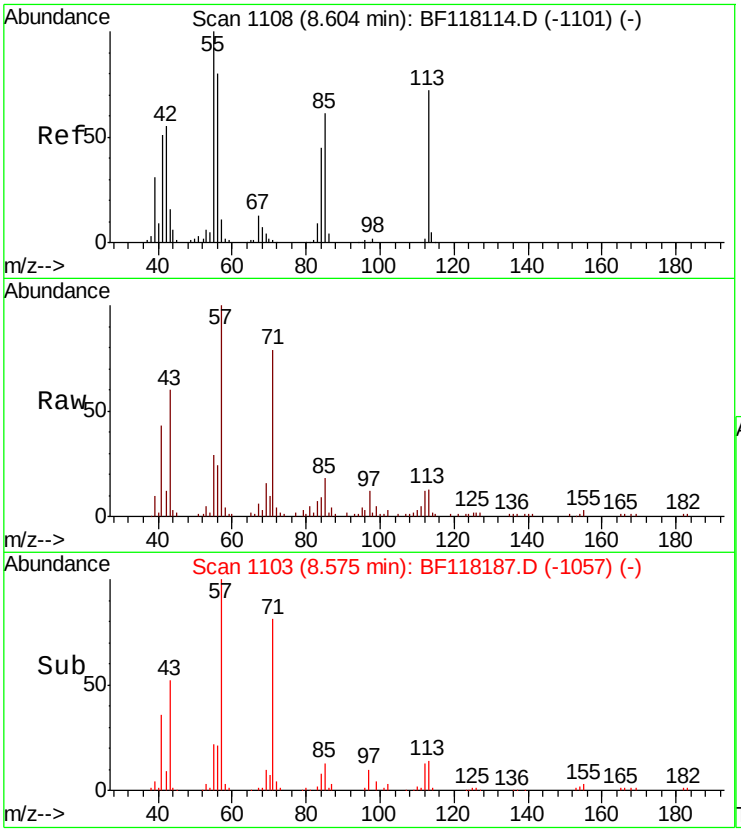


#25
Isophorone
Concen: 2.067 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.07 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion: 82 Resp: 24680

Ion	Ratio	Lower	Upper
82	100		
95	9.8	6.3	9.5#
138	1.0	16.3	24.5#



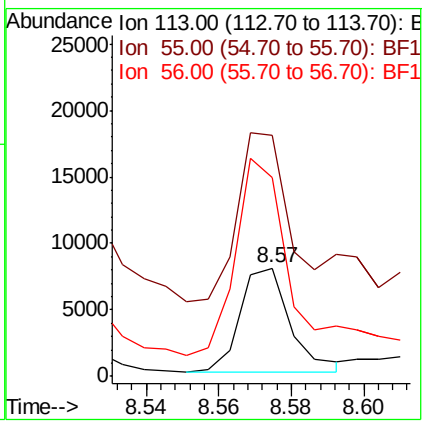


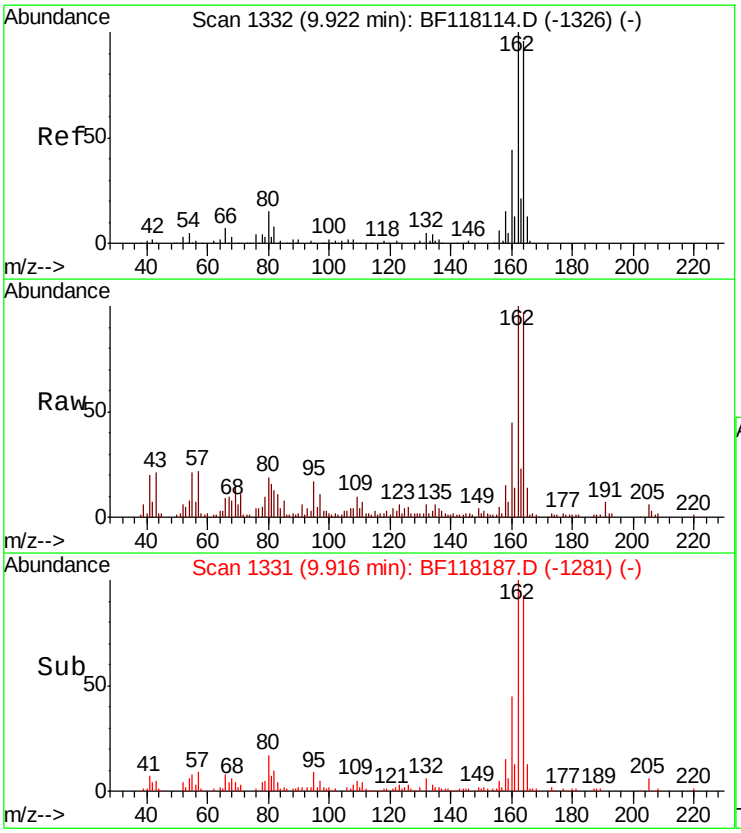
#35
Caprolactam
Concen: 4.232 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.03 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:113 Resp: 7505

Ion	Ratio	Lower	Upper
113	100		
55	222.5	118.9	158.9#
56	183.6	91.4	131.4#

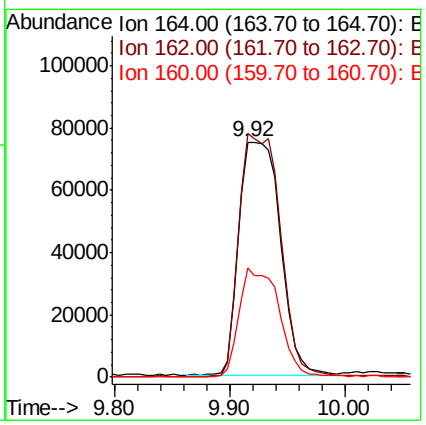


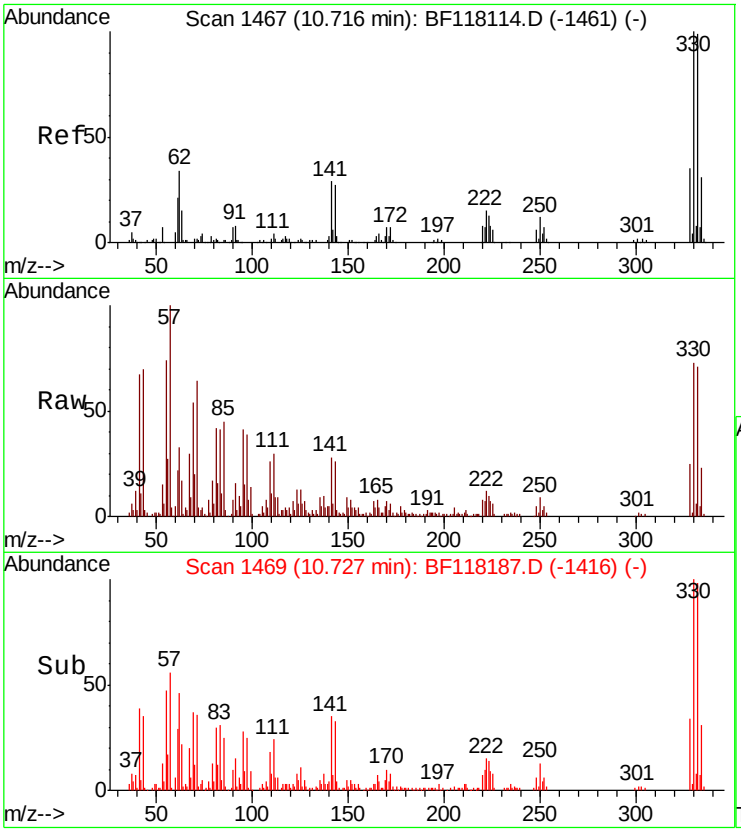


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:164 Resp: 187527

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.4	125.0
160	46.5	36.6	54.8



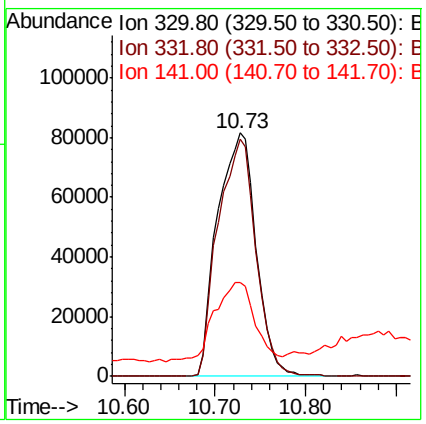


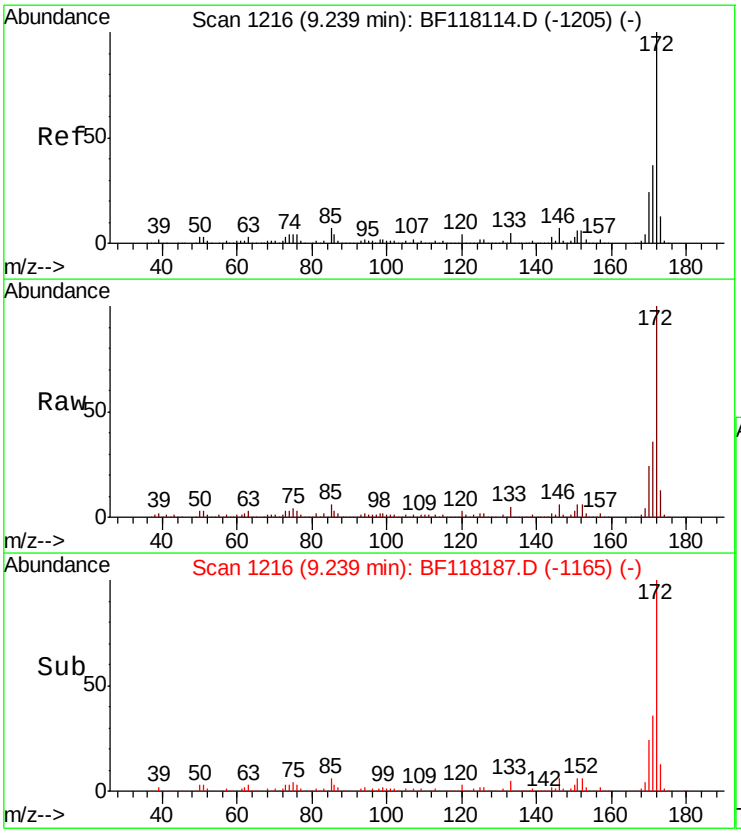
#42
2,4,6-Tribromophenol
Concen: 106.039 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:330 Resp: 241568

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	30.7	26.9	40.3

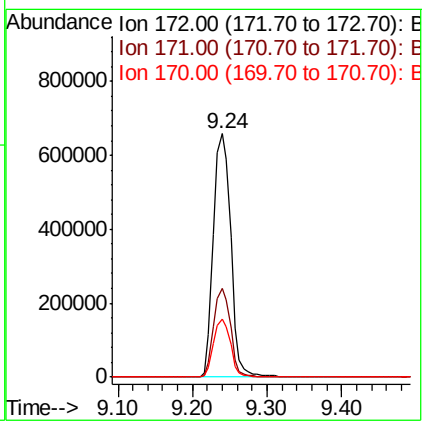


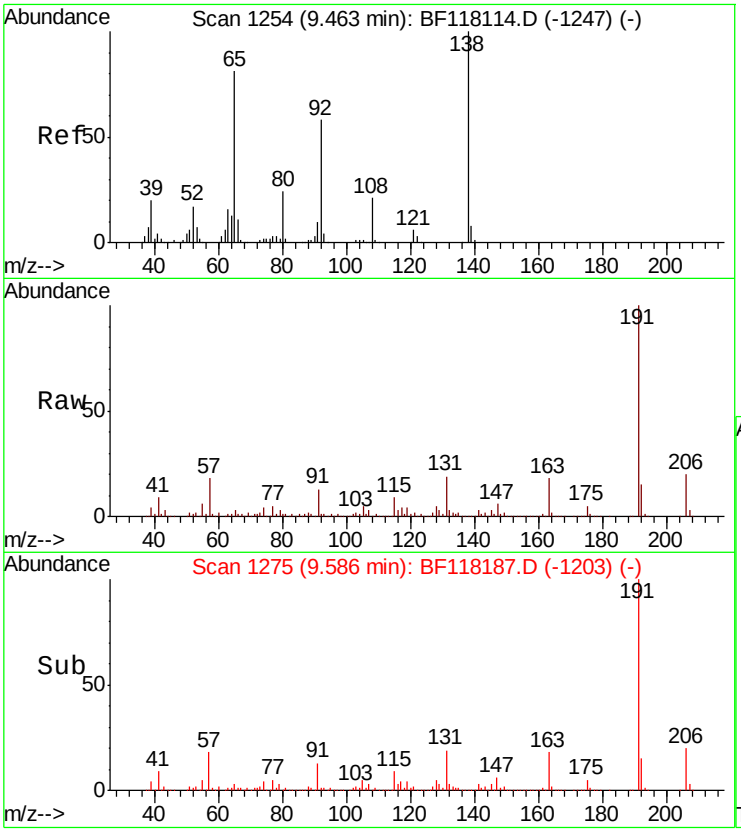


#45
2-Fluorobiphenyl
Concen: 86.449 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:172 Resp: 1065400

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.4	29.2



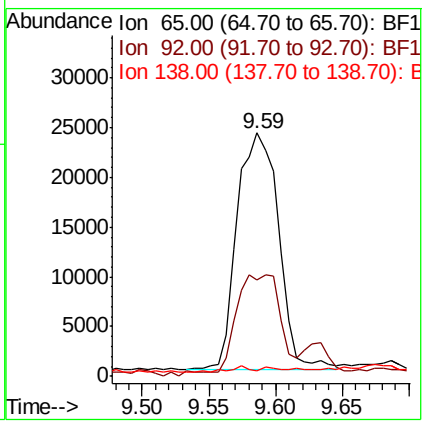


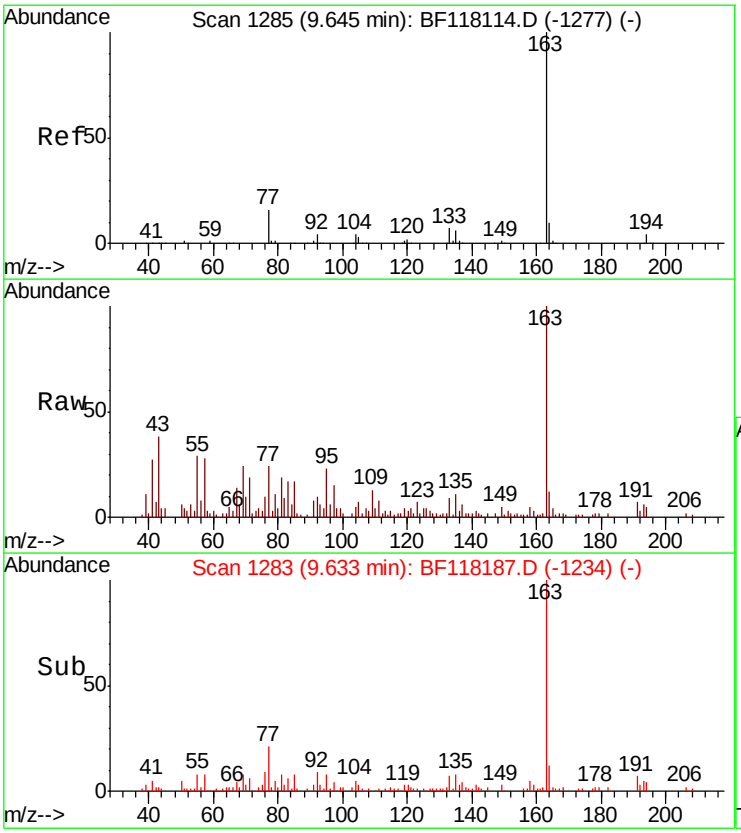
#48
2-Nitroaniline
Concen: 15.195 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.12 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion: 65 Resp: 51552

Ion	Ratio	Lower	Upper
65	100		
92	39.5	57.8	86.6#
138	2.3	98.8	148.2#

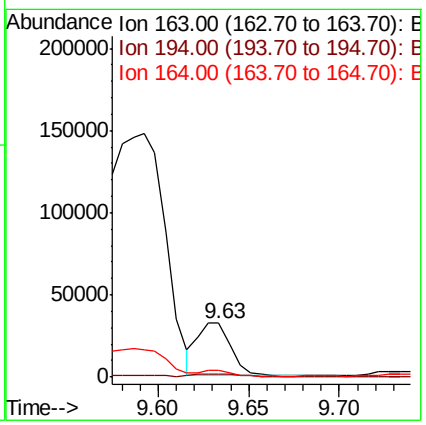


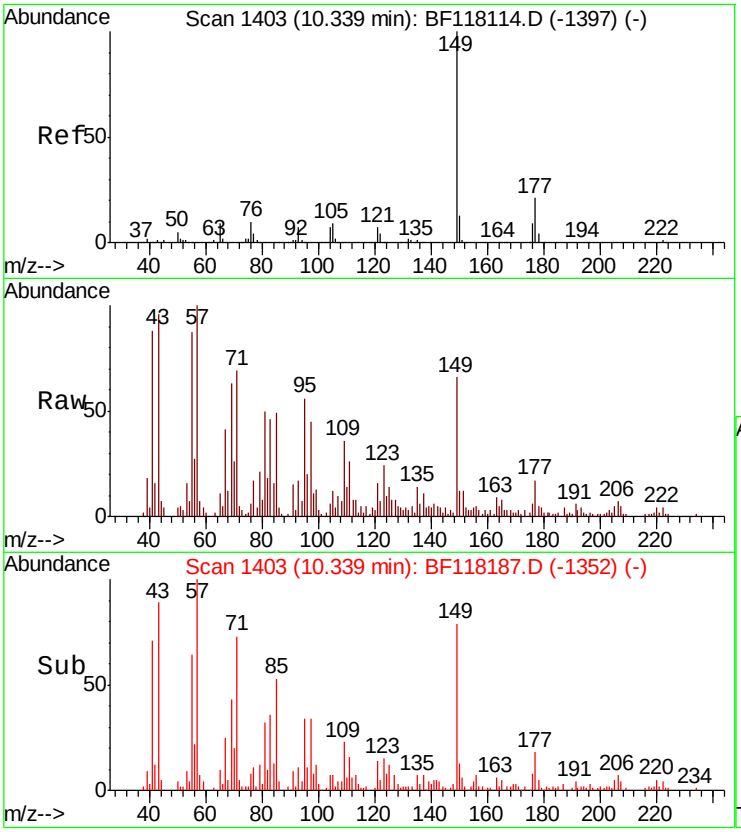


#50
Dimethylphthalate
Concen: 3.026 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:163 Resp: 41919

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.1	4.7#
164	11.6	7.7	11.5#



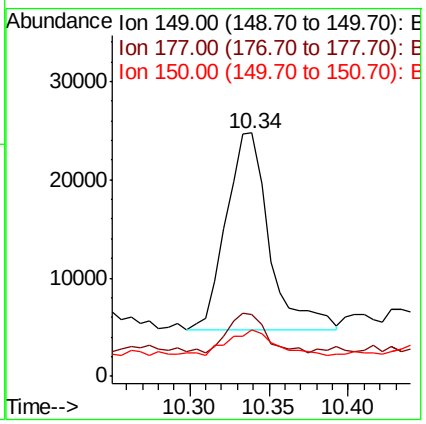


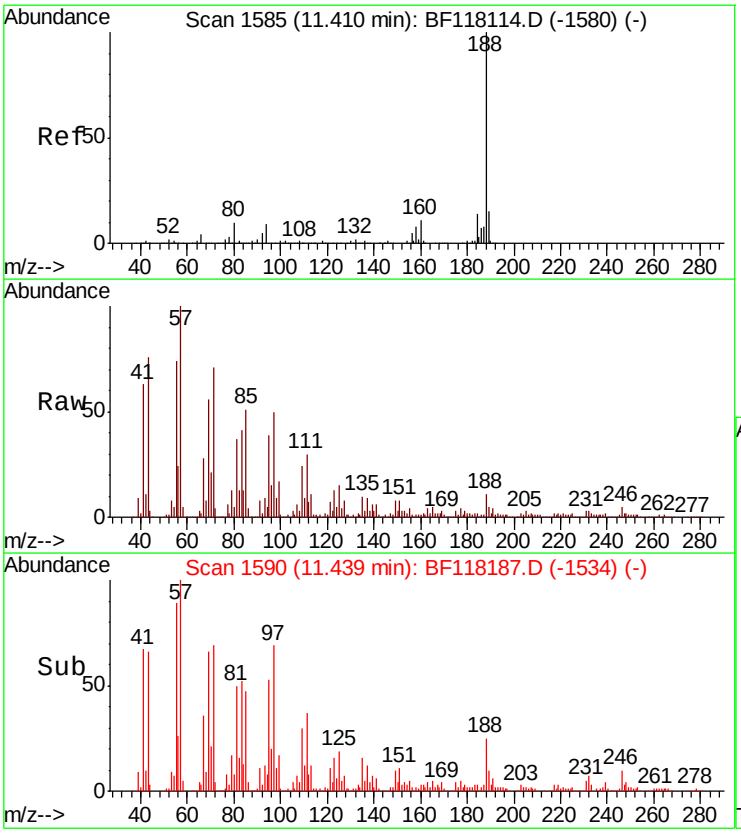
#60
Diethylphthalate
Concen: 2.765 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:149 Resp: 37732

Ion	Ratio	Lower	Upper
149	100		
177	25.6	17.0	25.4#
150	19.0	10.1	15.1#

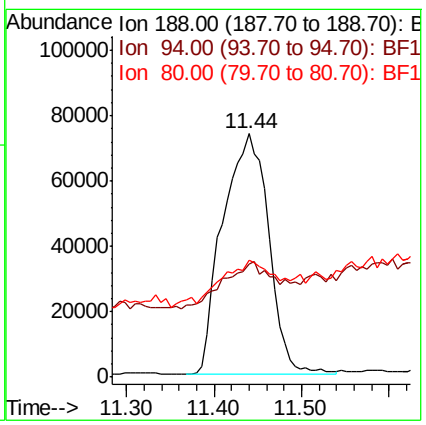


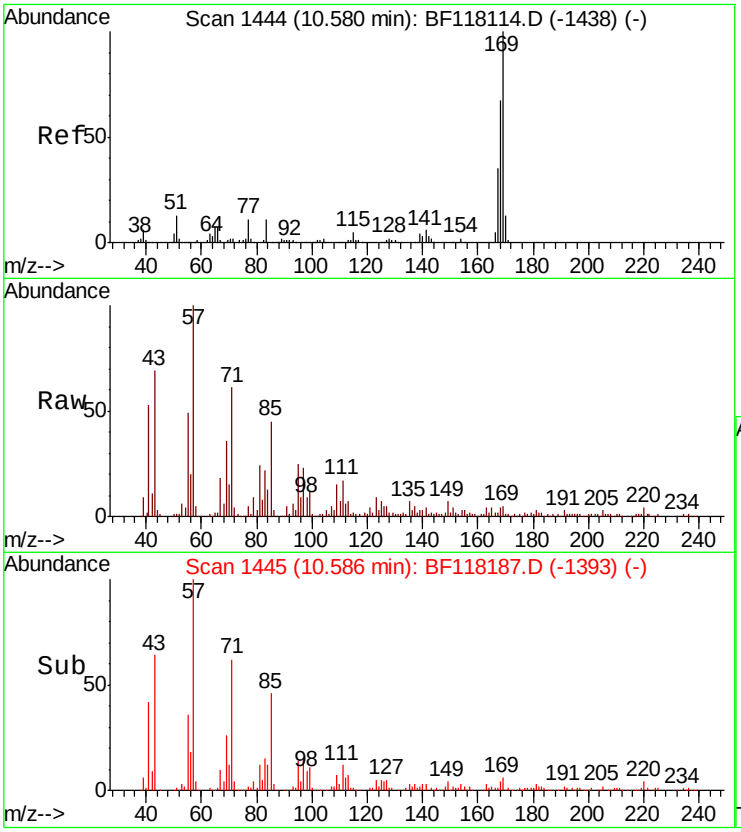


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:188 Resp: 265278

Ion	Ratio	Lower	Upper
188	100		
94	46.5	7.1	10.7#
80	48.0	7.9	11.9#



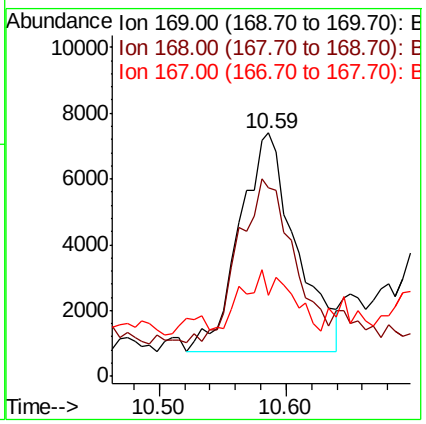


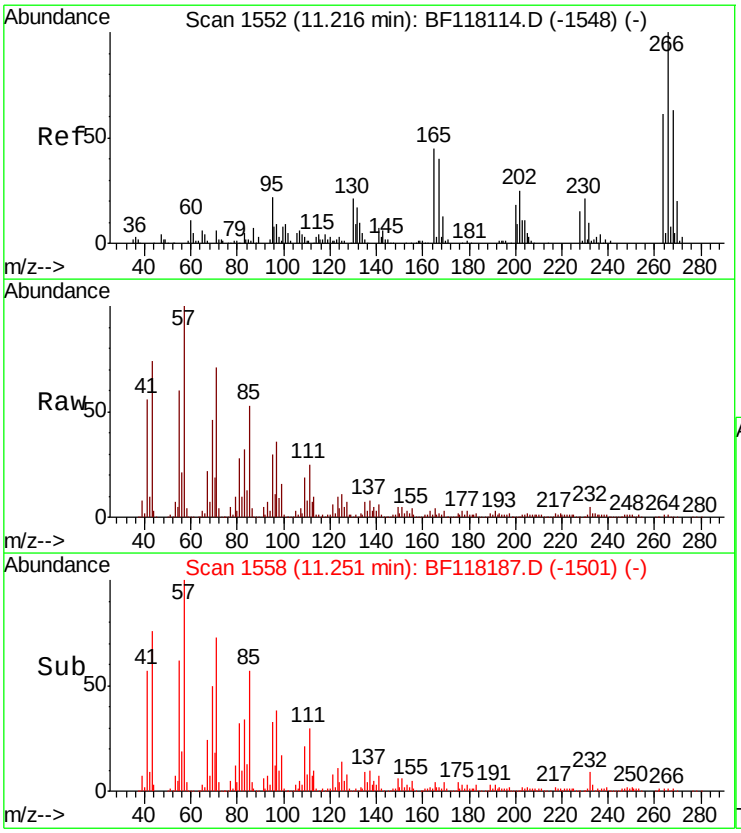
#66
n-Nitrosodiphenylamine
Concen: 2.476 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:169 Resp: 20509

Ion	Ratio	Lower	Upper
169	100		
168	77.2	53.4	80.2
167	33.3	28.4	42.6

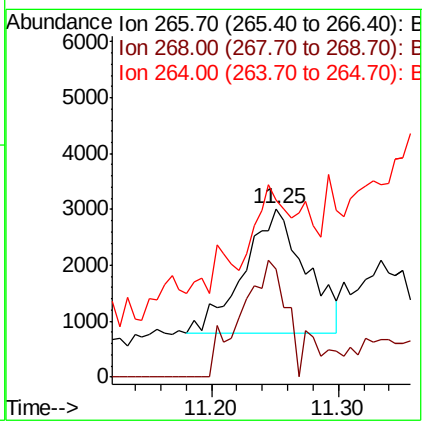


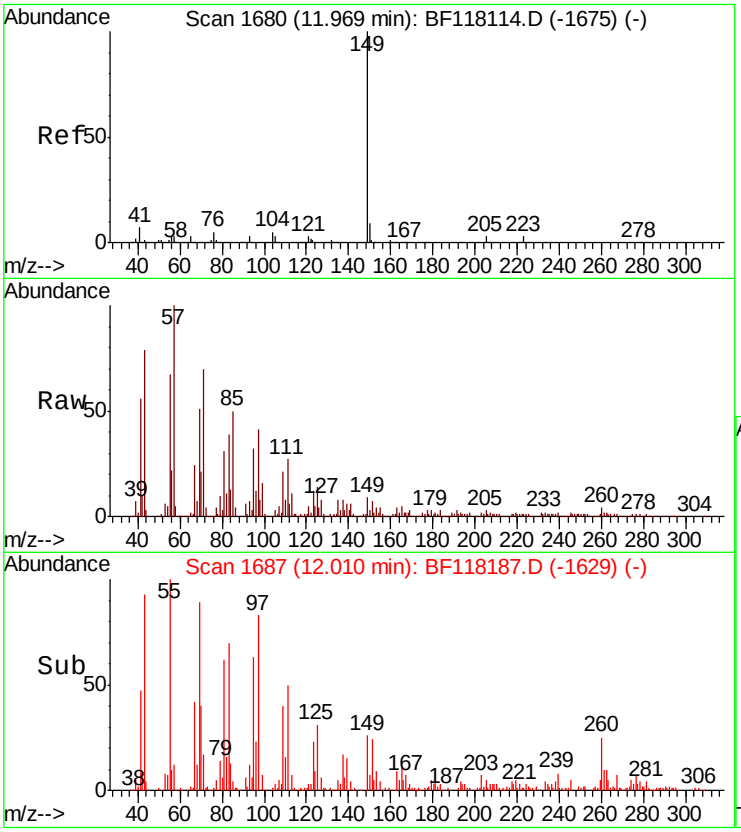


#70
Pentachlorophenol
Concen: 4.490 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.04 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:266 Resp: 7526

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.7	76.1
264	104.6	48.7	73.1#



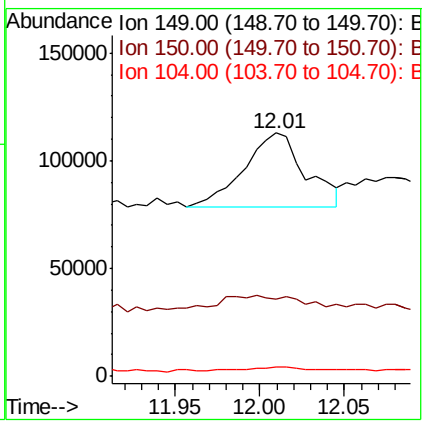


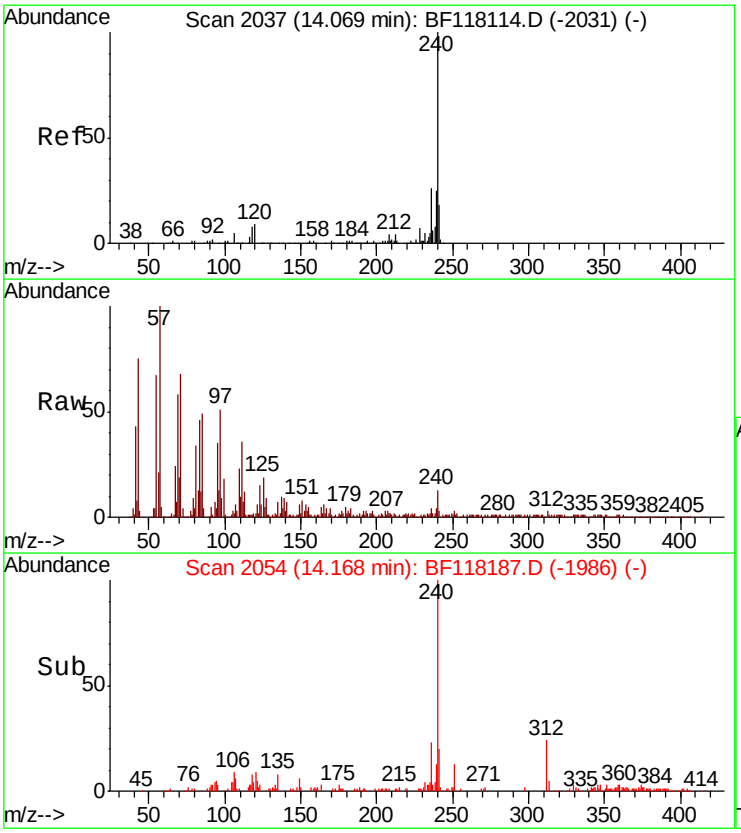
#74
Di-n-butylphthalate
Concen: 5.421 ng
RT: 12.01 min Scan# 1687
Delta R.T. 0.04 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:149 Resp: 85627

Ion	Ratio	Lower	Upper
149	100		
150	31.6	7.4	11.2#
104	3.9	4.3	6.5#

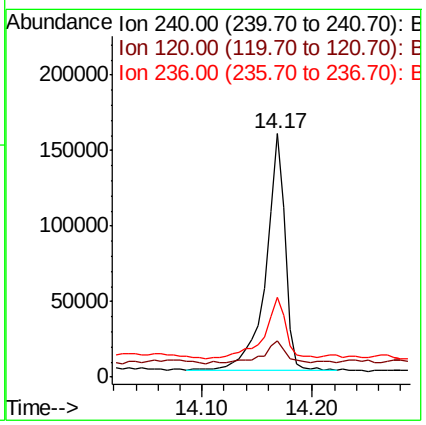


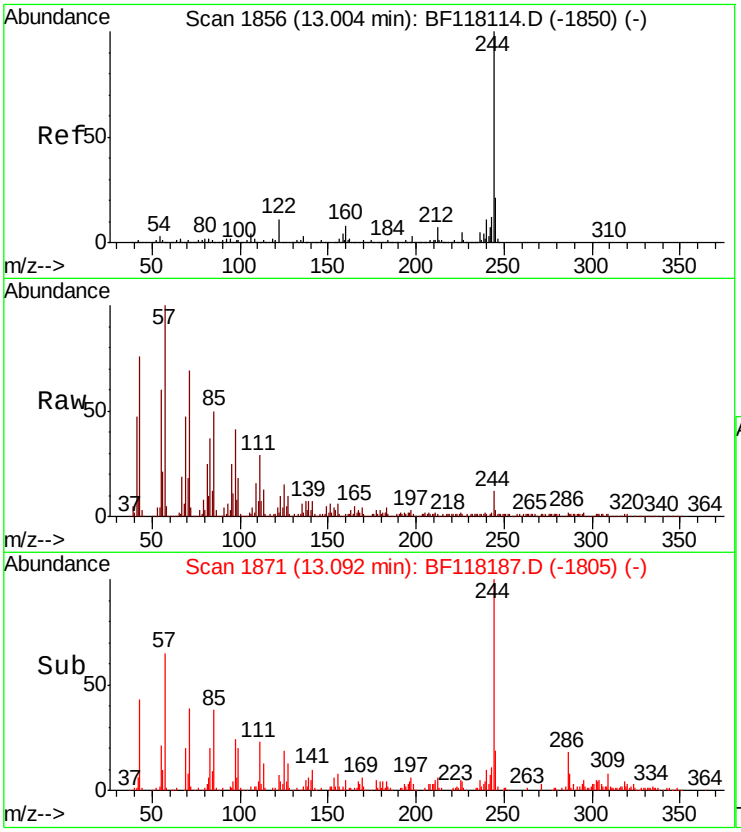


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.10 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:240 Resp: 193400

Ion	Ratio	Lower	Upper
240	100		
120	15.0	7.1	10.7#
236	32.8	21.0	31.6#



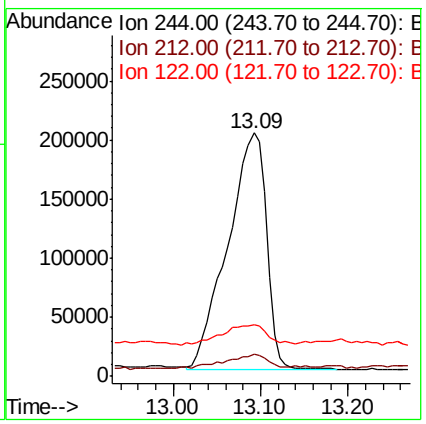


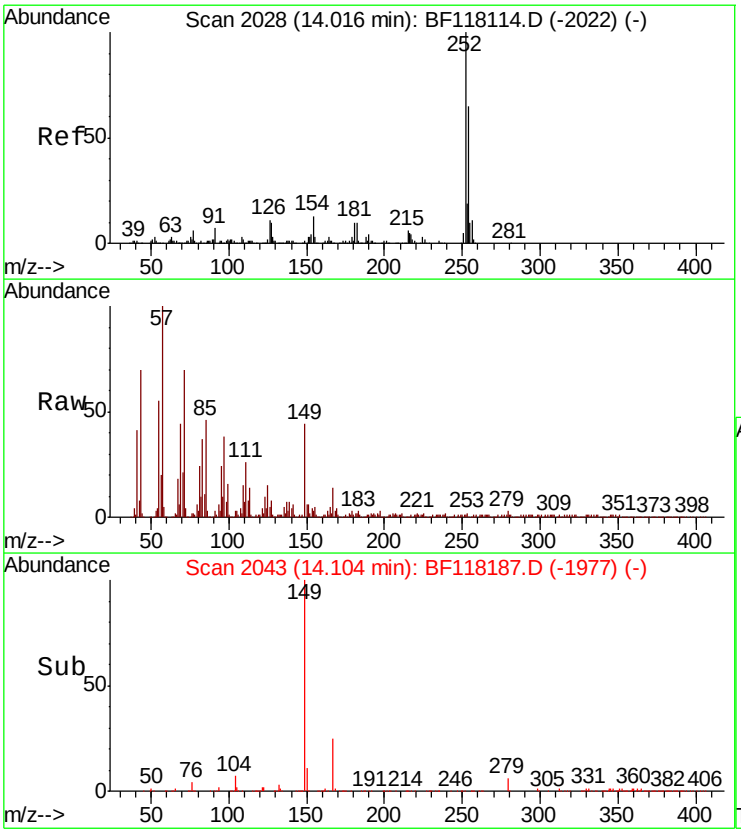
#79
Terphenyl-d14
Concen: 53.685 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.09 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:244 Resp: 603780

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.9	8.9
122	21.1	9.0	13.6#

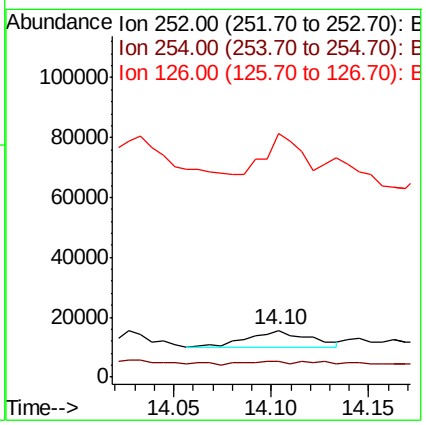


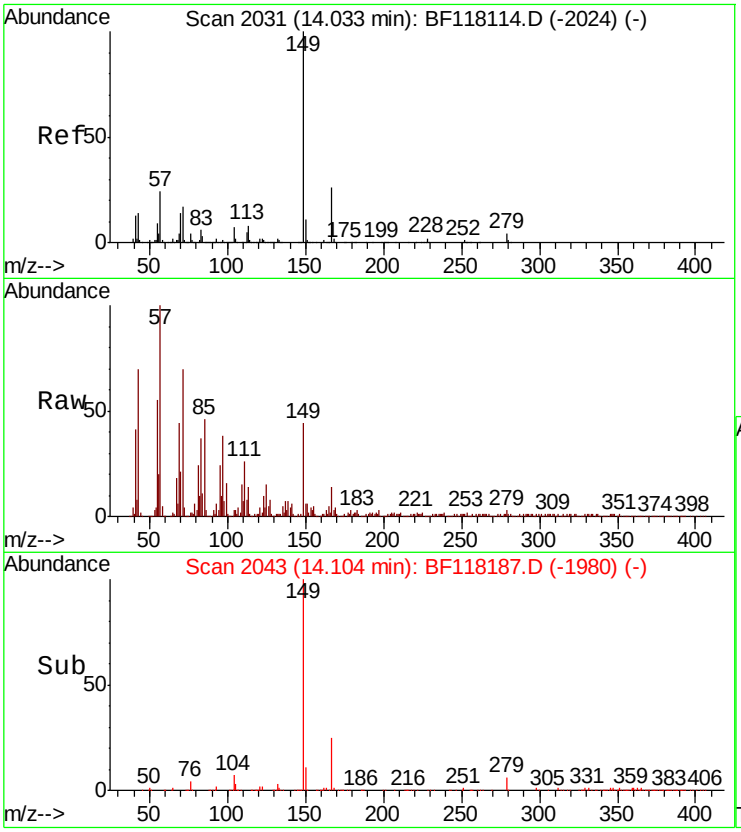


#82
3,3'-Dichlorobenzidine
Concen: 2.946 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.09 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:252 Resp: 12938

Ion	Ratio	Lower	Upper
252	100		
254	33.4	52.2	78.4#
126	517.7	8.6	13.0#



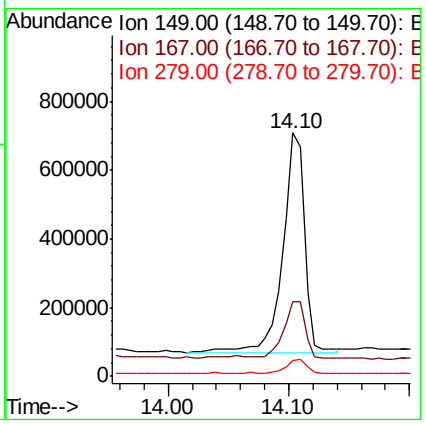


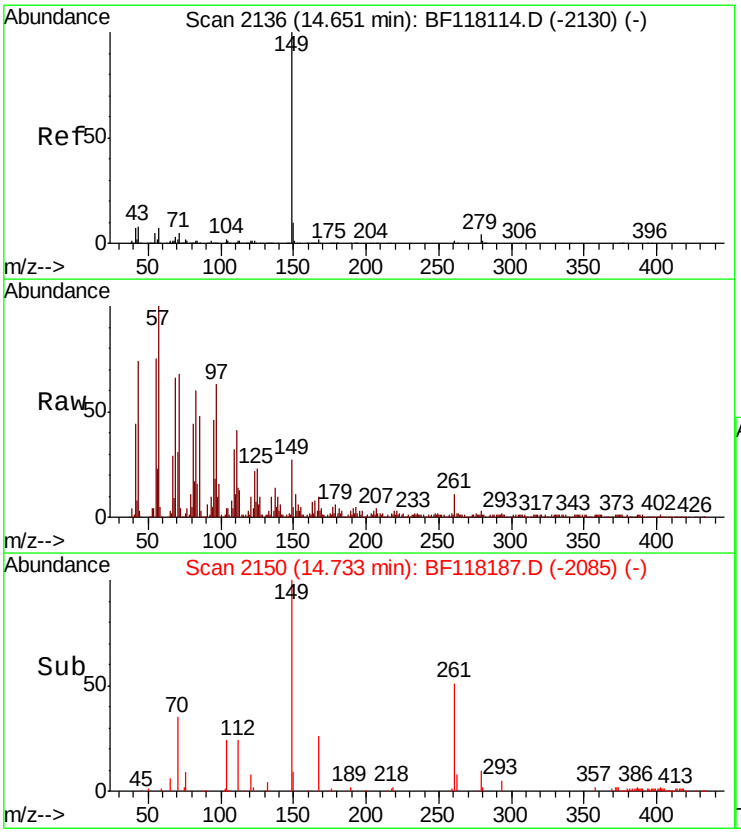
#84
Bis(2-ethylhexyl)phthalate
Concen: 87.128 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.07 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:149 Resp: 792991

Ion	Ratio	Lower	Upper
149	100		
167	30.8	20.8	31.2
279	6.7	2.9	4.3#

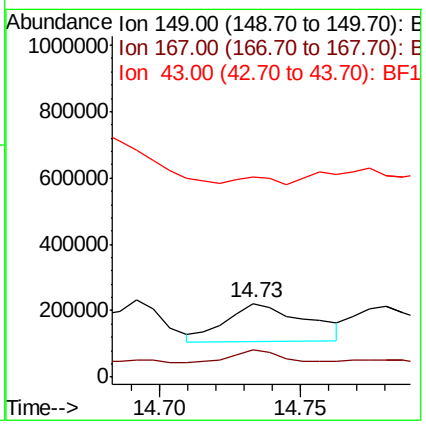


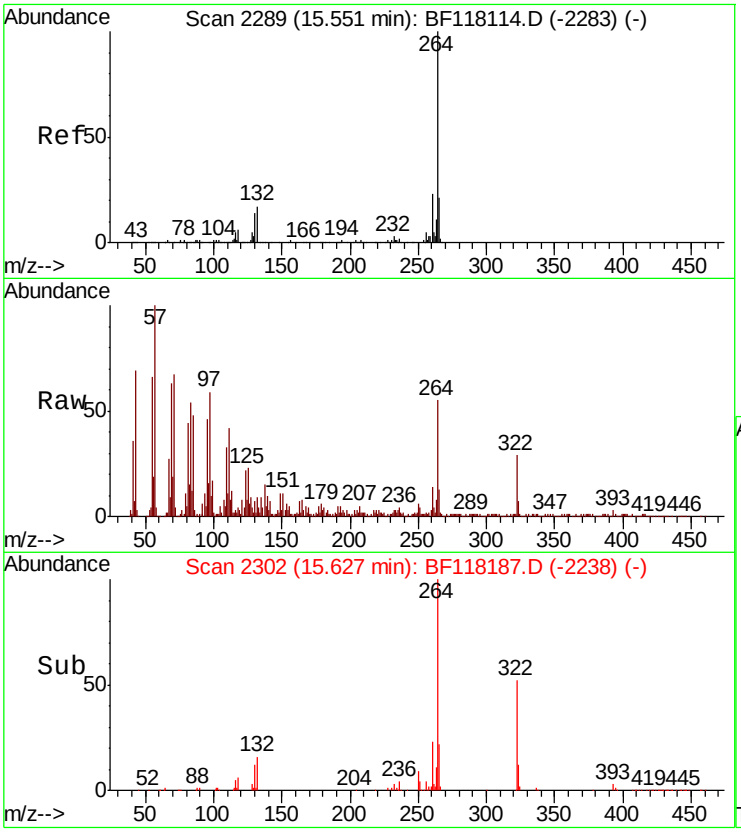


#85
Di-n-octyl phthalate
Concen: 16.271 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.08 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Tgt Ion:149 Resp: 224332

Ion	Ratio	Lower	Upper
149	100		
167	17.7	1.3	1.9#
43	0.0	6.5	9.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.08 min
Lab File: BF118187.D
Acq: 13 Dec 2019 15:43

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-DRUM

Tgt Ion:264 Resp: 292046

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	23.5	16.8	25.2