Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119678.D
Acq On : 1 Apr 2020 16:48
Operator : MA/SJ
Sample : L2070-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OIL-WATER-SEPERATOR-SLUDGE-

Quant Time: Apr 02 00:07:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	255865	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1005624	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	521538	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	1014612	20.00	ng		-0.01
76) Chrysene-d12	13.99	240	804884	20.00	ng		-0.01
87) Perylene-d12	15.44	264	764292	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	2009850	125.05	ng		0.03
7) Phenol-d6	6.45	99	2458704	119.75	ng		0.00
23) Nitrobenzene-d5	7.38	82	1799077	97.23	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	786539	146.18	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	3205934	91.07	ng		0.00
79) Terphenyl-d14	12.94	244	3846417	93.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.46	94	153237	6.99	ng		87
15) Benzyl Alcohol	6.97	79	32223	2.09	ng	#	48
17) 2-Methylphenol	7.22	107	902706	58.36	ng	#	69
20) 3+4-Methylphenols	7.22	107	902706	47.62	ng	#	75
25) Isophorone	7.38	82	1798601	47.92	ng	#	65
27) 2,4-Dimethylphenol	7.86	122	69611	4.32	ng	#	8
32) Benzoic acid	7.86	122	69611	6.72	ng		96
50) Dimethylphthalate	9.57	163	202213	5.46	ng		100
54) 2,4-Dinitrophenol	9.82	184	522	7.41	ng	#	21
57) 2,4-Dinitrotoluene	9.85	165	67167	6.71	ng	#	21
67) 4-Bromophenyl-phenylether	10.65	248	47201	4.08	ng	#	1

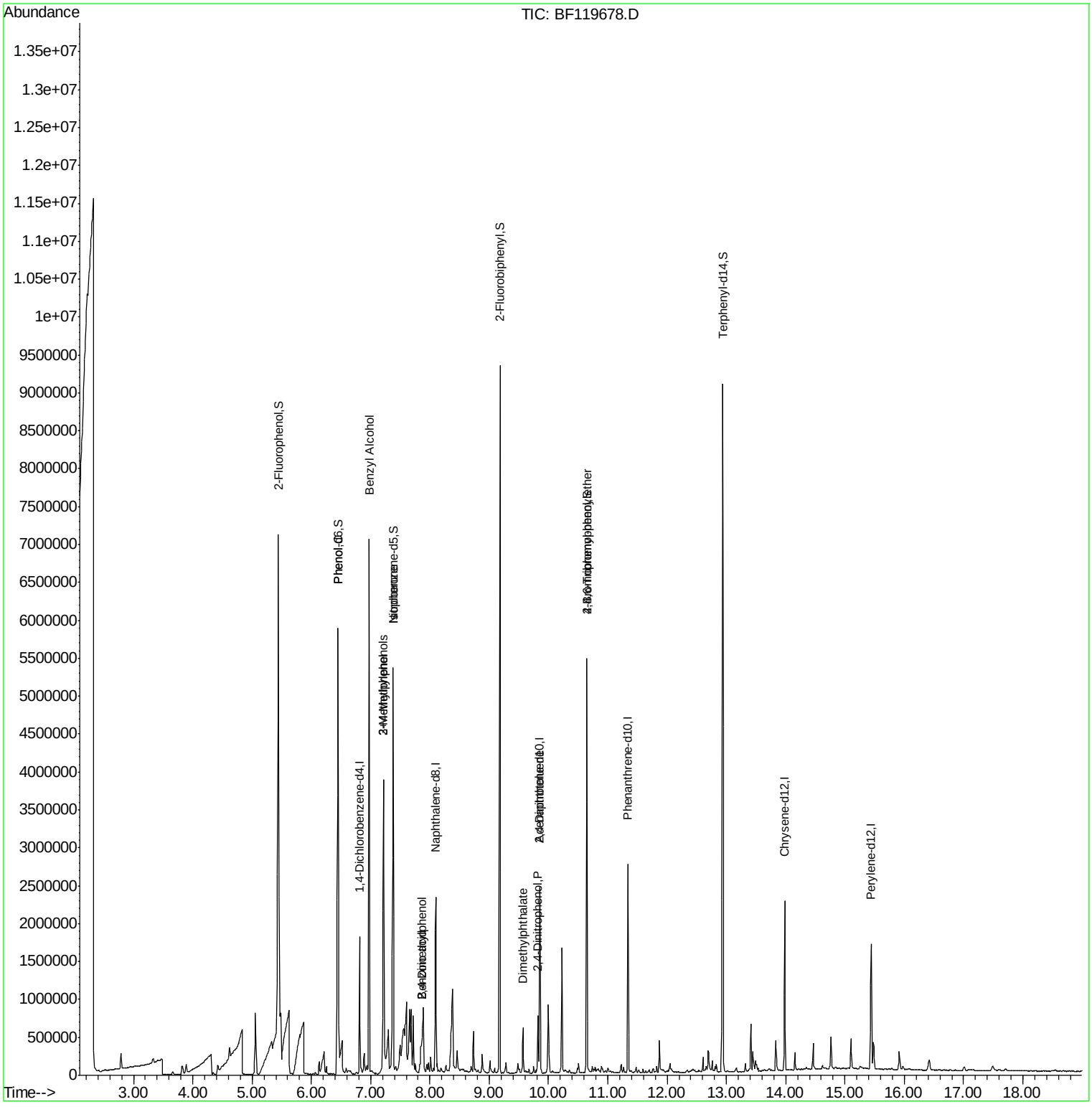
(#) = qualifier out of range (m) = manual integration (+) = signals summed

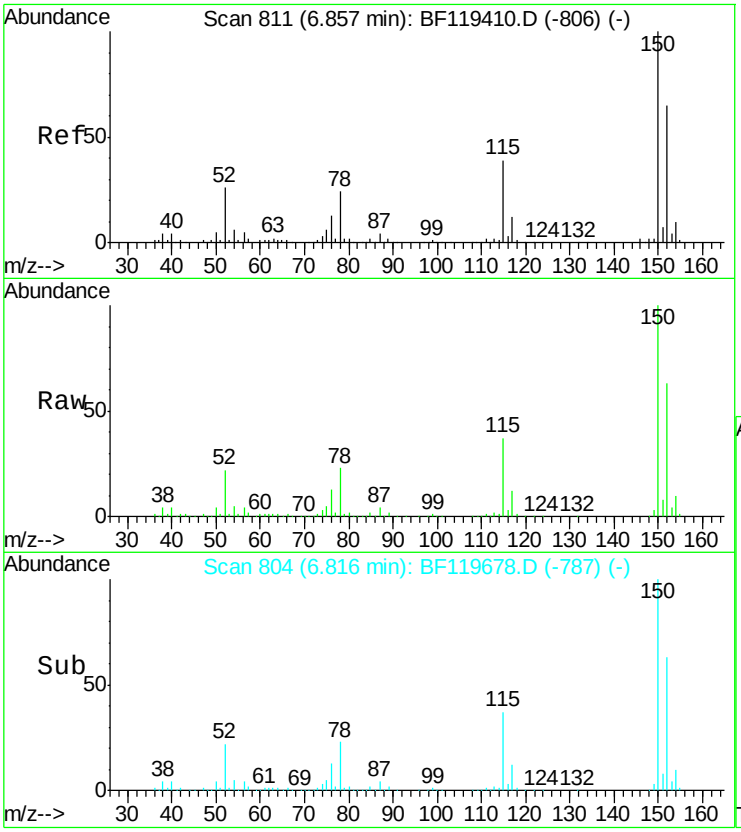
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119678.D
Acq On : 1 Apr 2020 16:48
Operator : MA/SJ
Sample : L2070-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Quant Time: Apr 02 00:07:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration



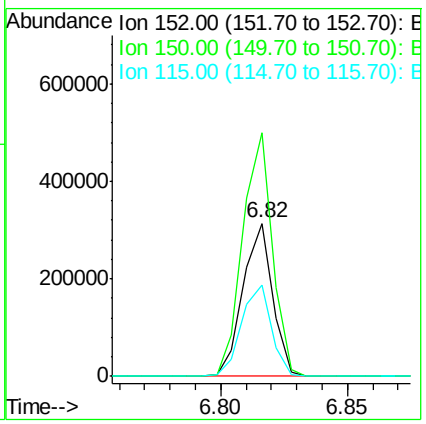


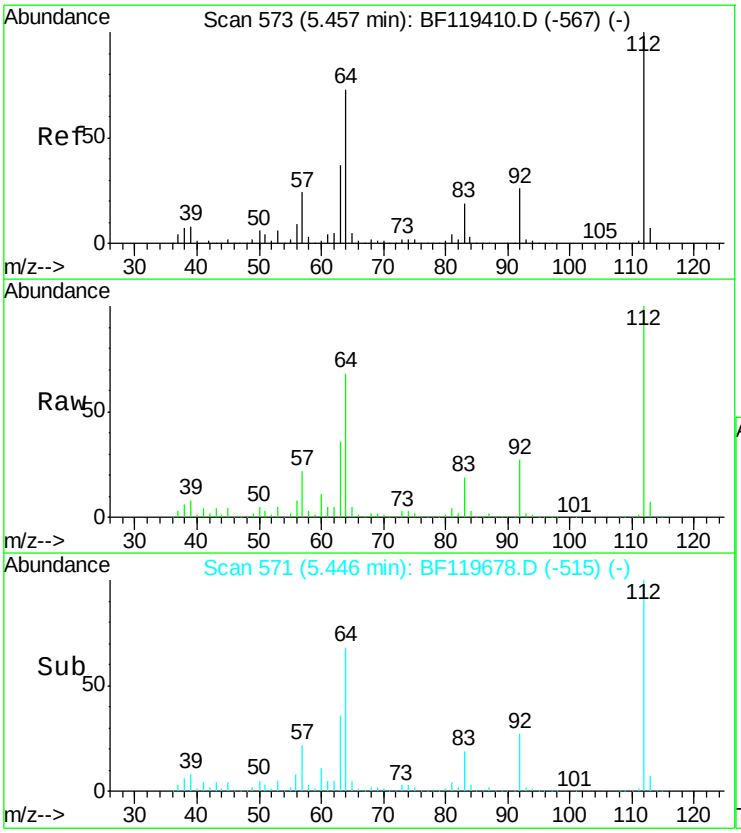
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:152 Resp: 255865

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.5	186.7
115	59.6	49.6	74.4

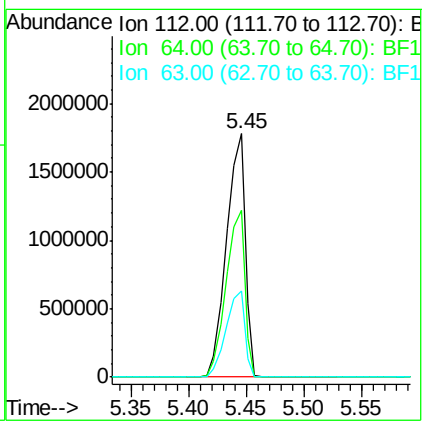


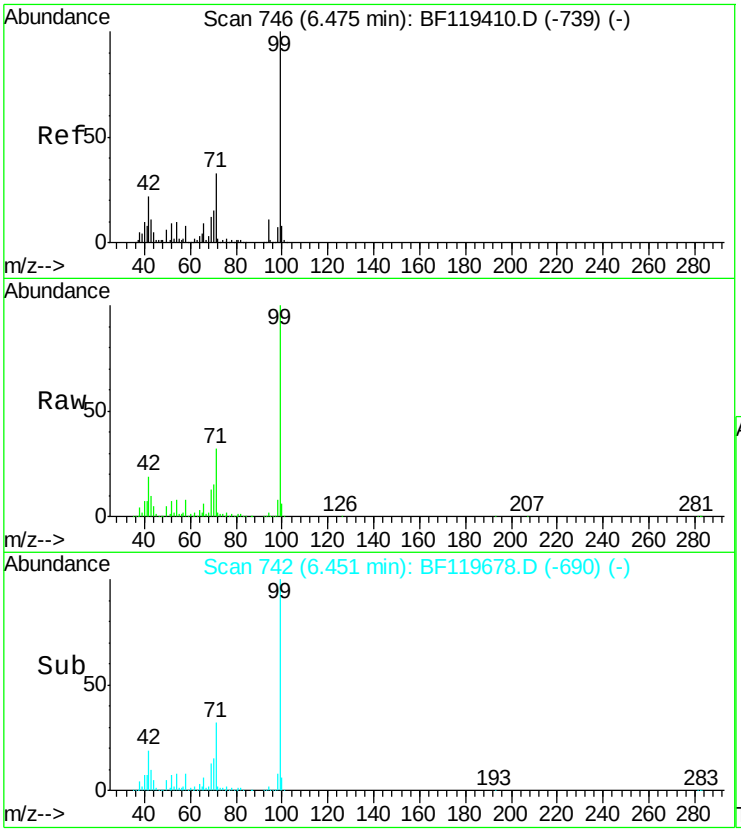


#5
2-Fluorophenol
Concen: 125.05 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.03 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:112 Resp: 2009850

Ion	Ratio	Lower	Upper
112	100		
64	68.4	56.7	85.1
63	35.5	29.5	44.3



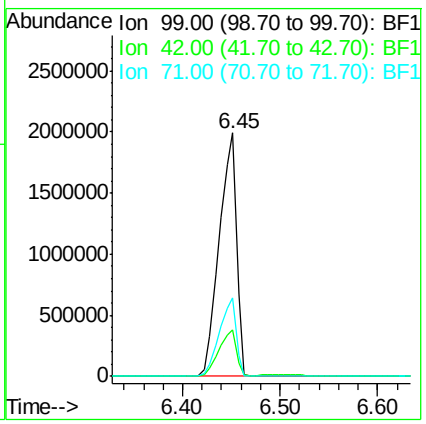


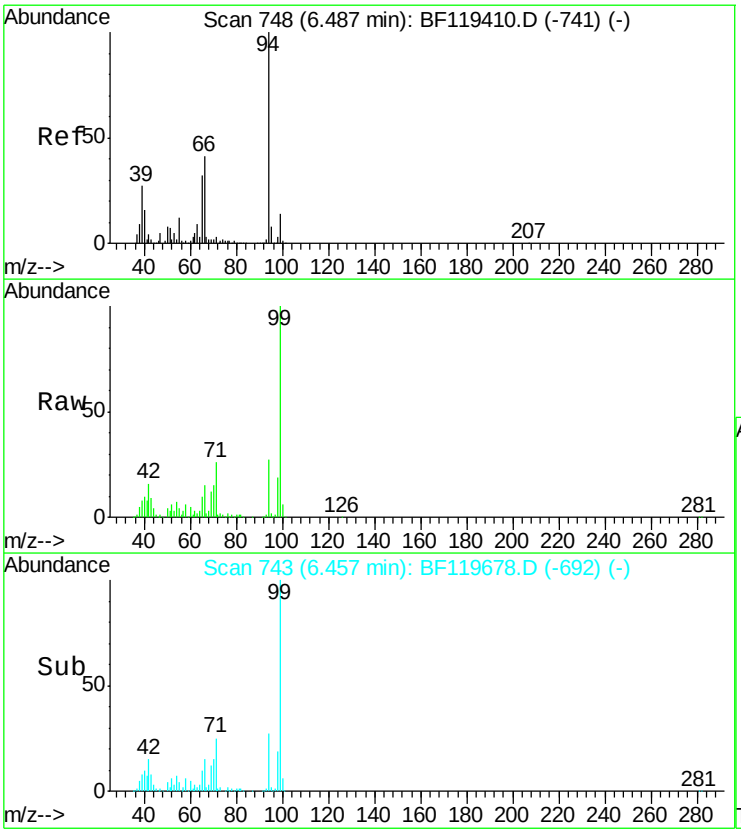
#7
Phenol-d6
Concen: 119.75 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion: 99 Resp: 2458704

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.6	24.8
71	32.3	26.4	39.6

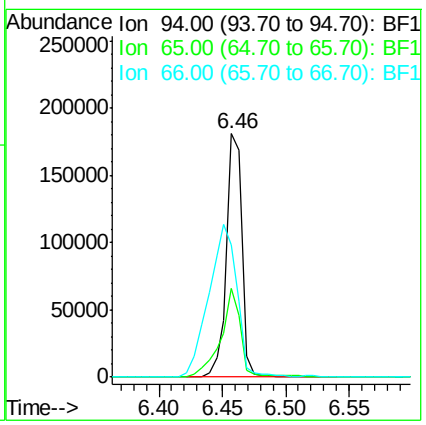


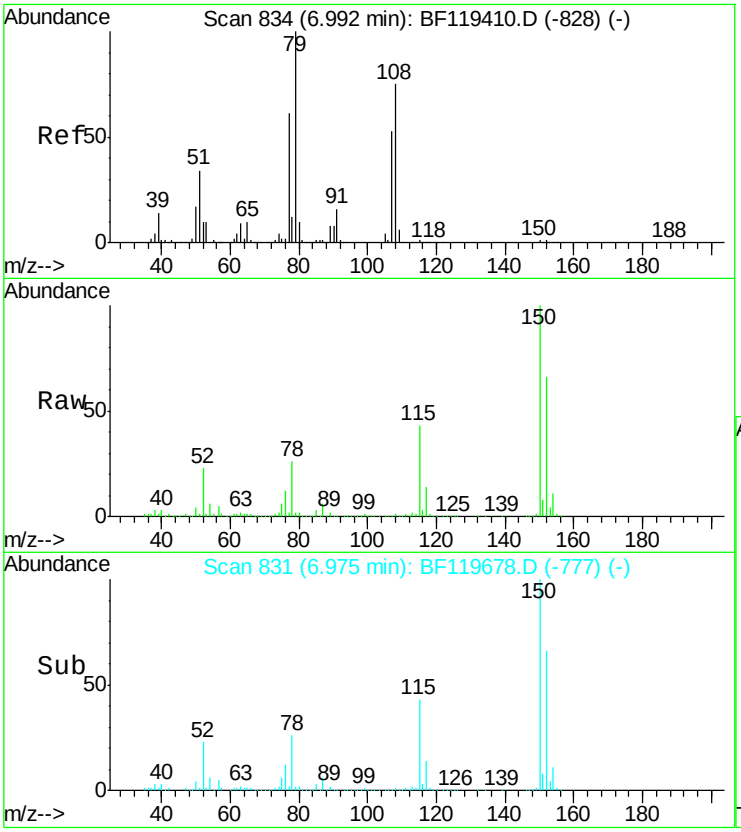


#10
Phenol
Concen: 6.99 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion: 94 Resp: 153237

Ion	Ratio	Lower	Upper
94	100		
65	36.3	13.2	53.2
66	54.5	22.3	62.3



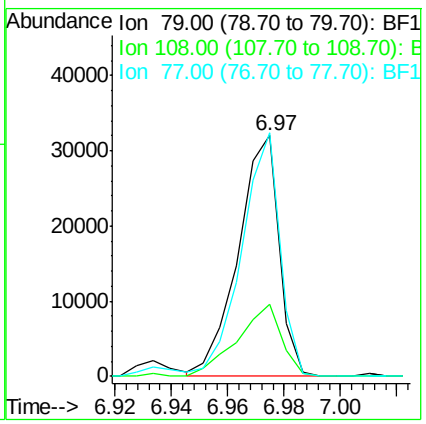


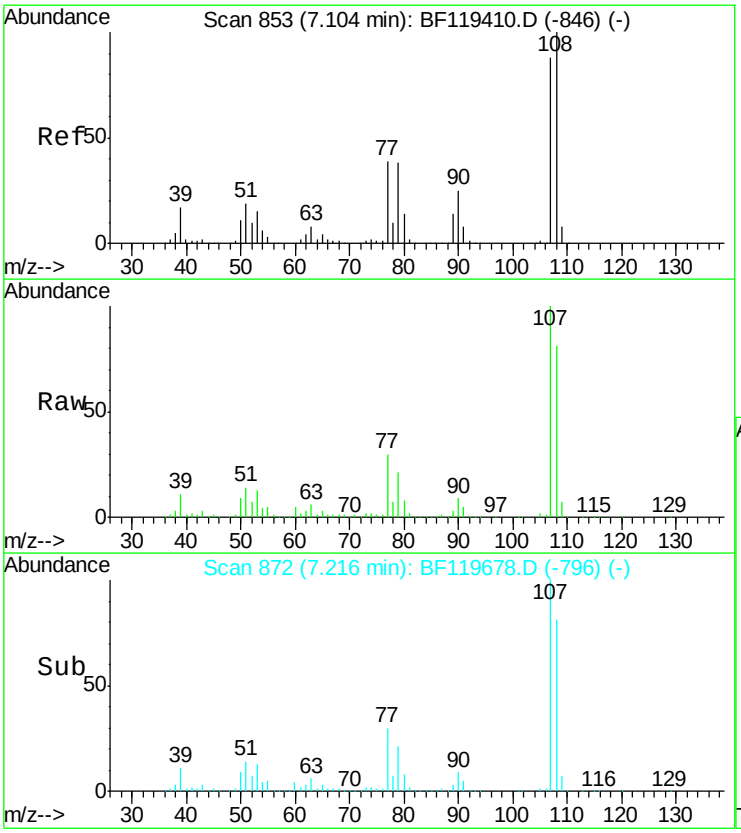
#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.02 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion: 79 Resp: 32223

Ion	Ratio	Lower	Upper
79	100		
108	29.9	60.6	90.8#
77	101.3	50.2	75.2#

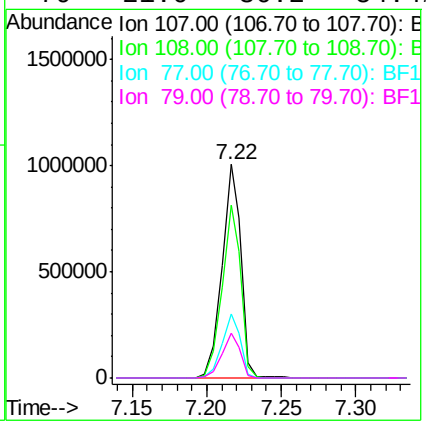


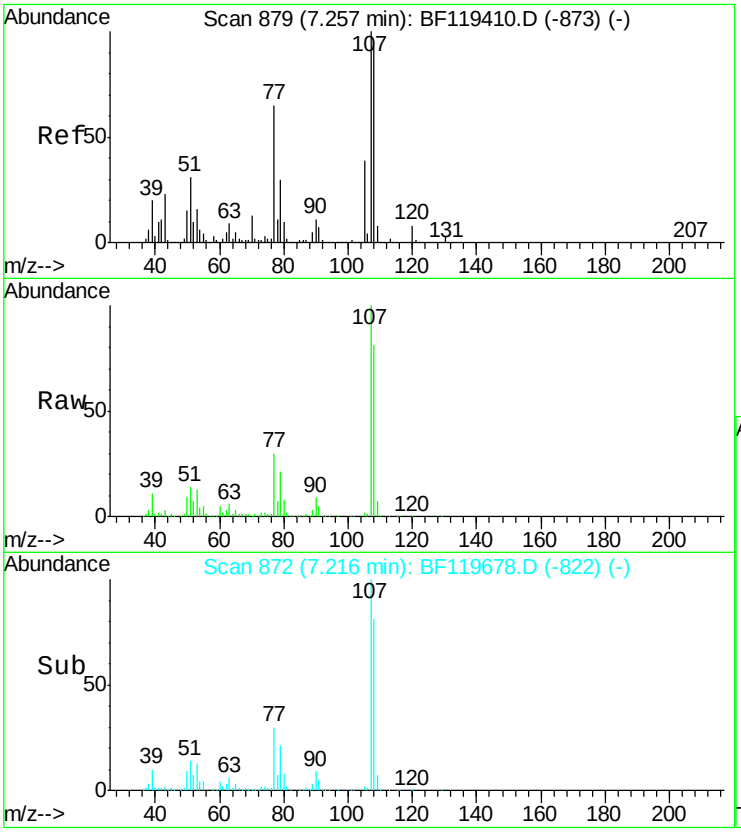


#17
2-Methylphenol
Concen: 58.36 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.15 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:107 Resp: 902706

Ion	Ratio	Lower	Upper
107	100		
108	80.9	92.2	138.4#
77	29.8	36.6	54.8#
79	21.0	36.2	54.4#



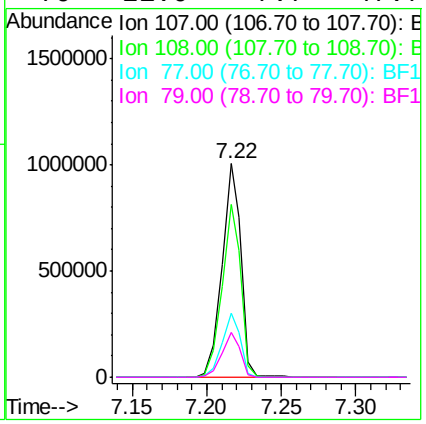


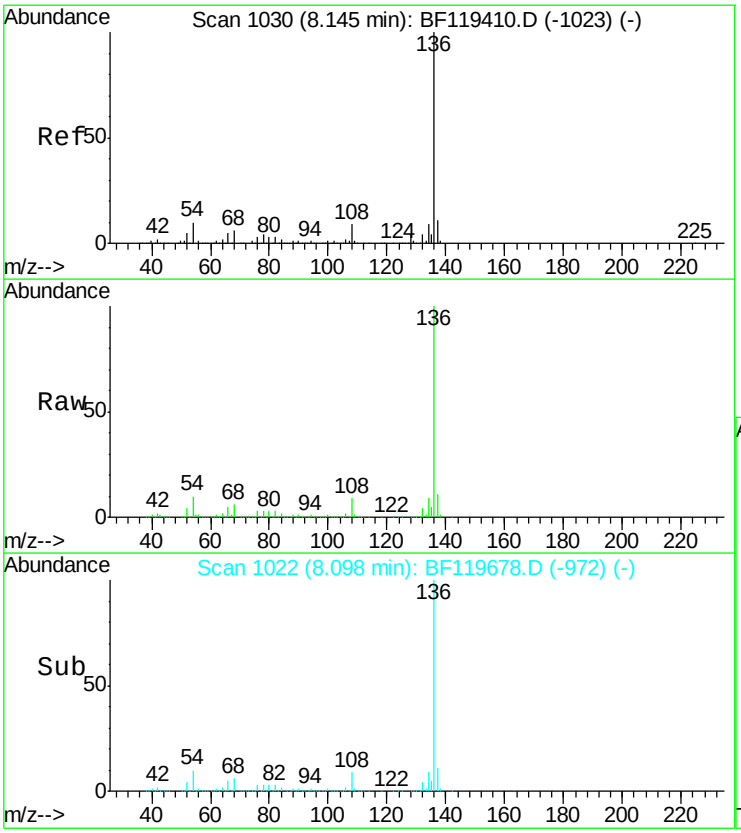
#20
3+4-Methylphenols
Concen: 47.62 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:107 Resp: 902706

Ion	Ratio	Lower	Upper
107	100		
108	80.9	67.9	107.9
77	29.8	52.9	92.9#
79	21.0	7.7	47.7

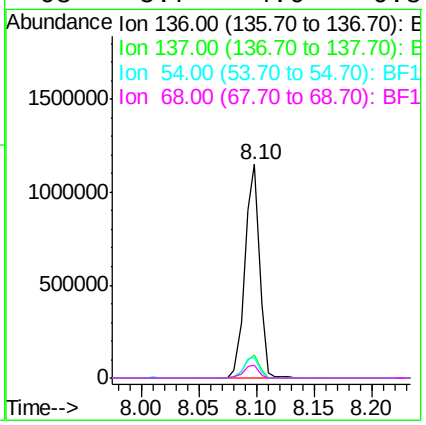


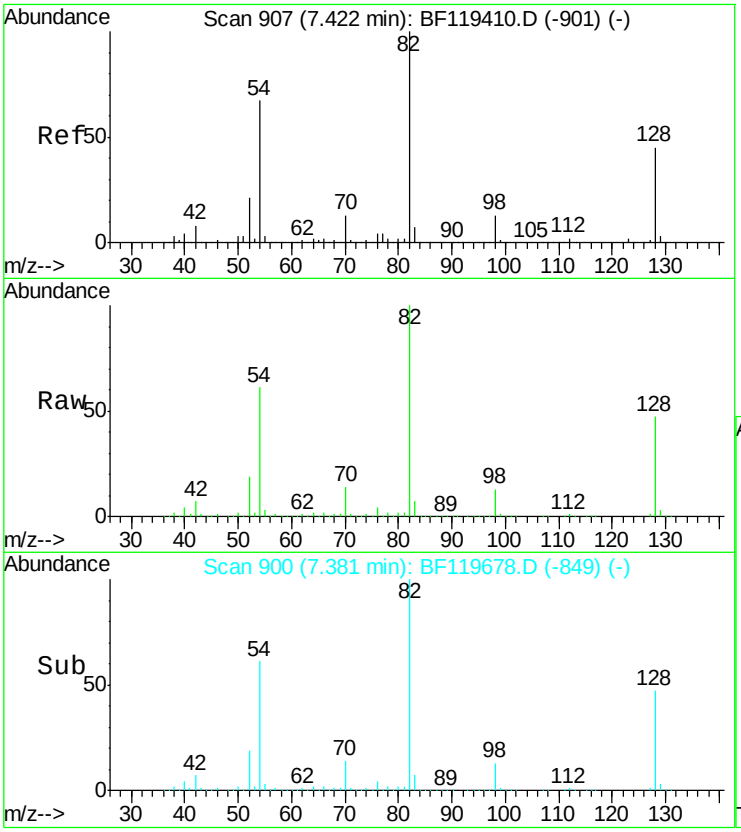


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:136 Resp: 1005624

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.8	9.1	13.7
68	5.7	4.6	6.8



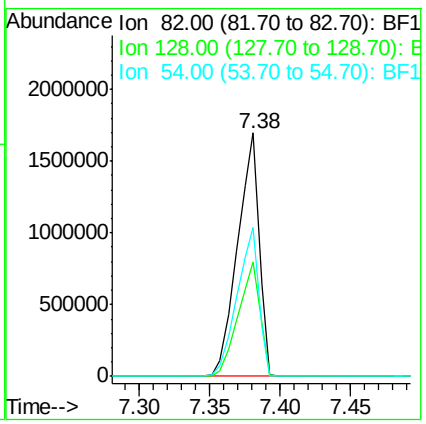


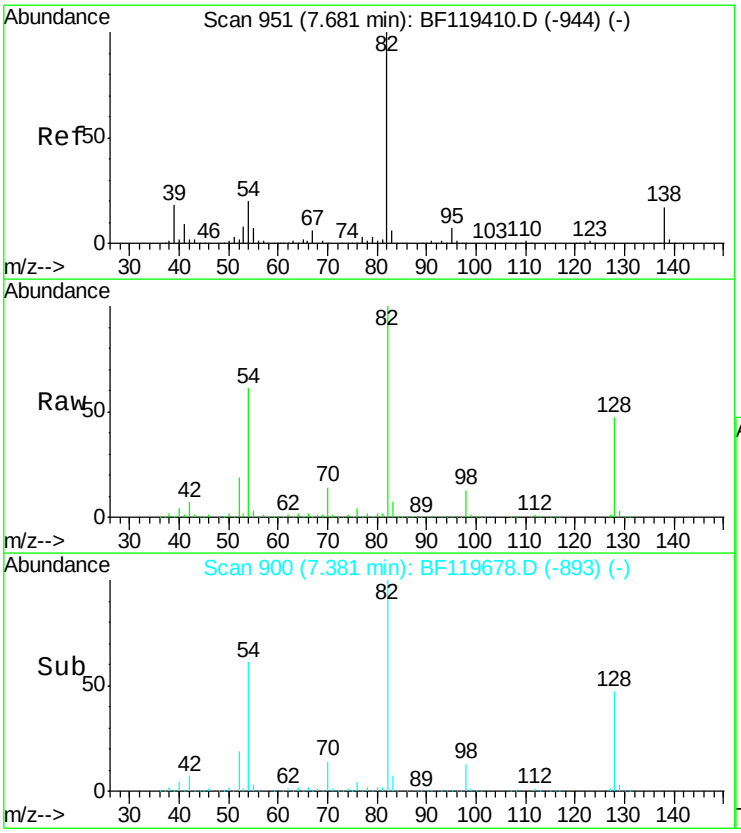
#23
Nitrobenzene-d5
Concen: 97.23 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion: 82 Resp: 1799077

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	61.3	50.6	75.8

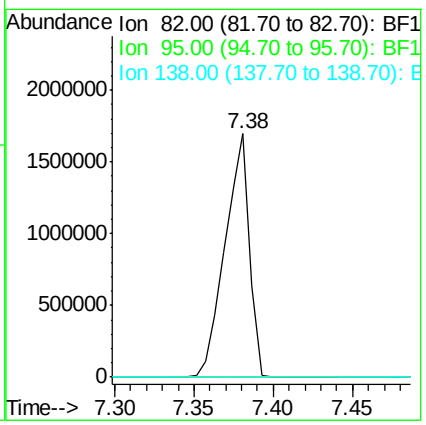


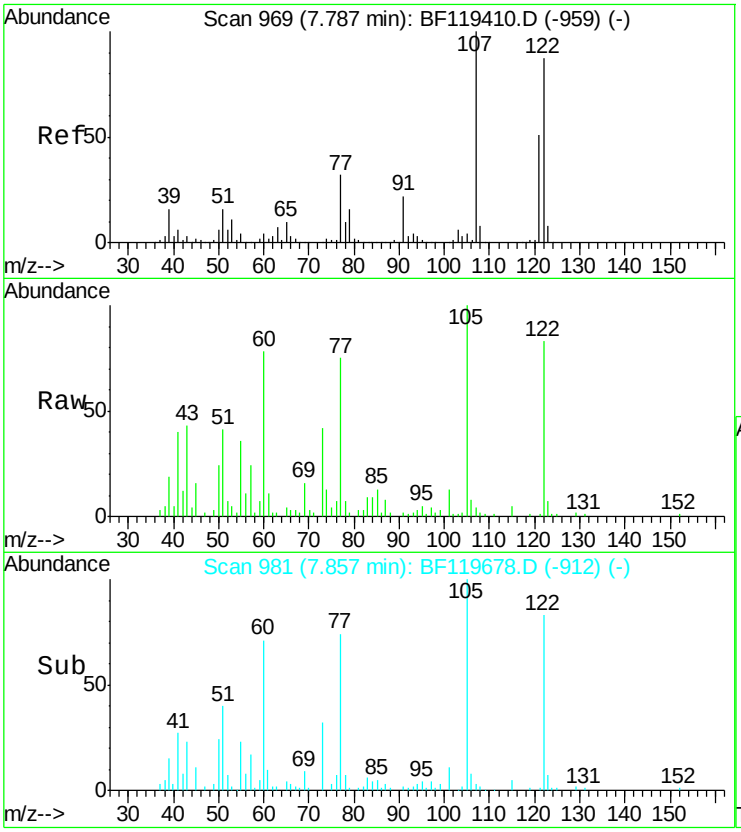


#25
Isophorone
Concen: 47.92 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion: 82 Resp: 1798601

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



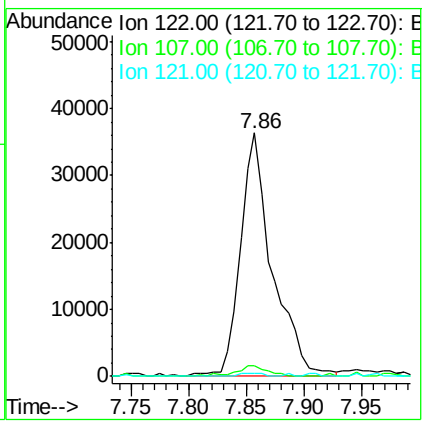


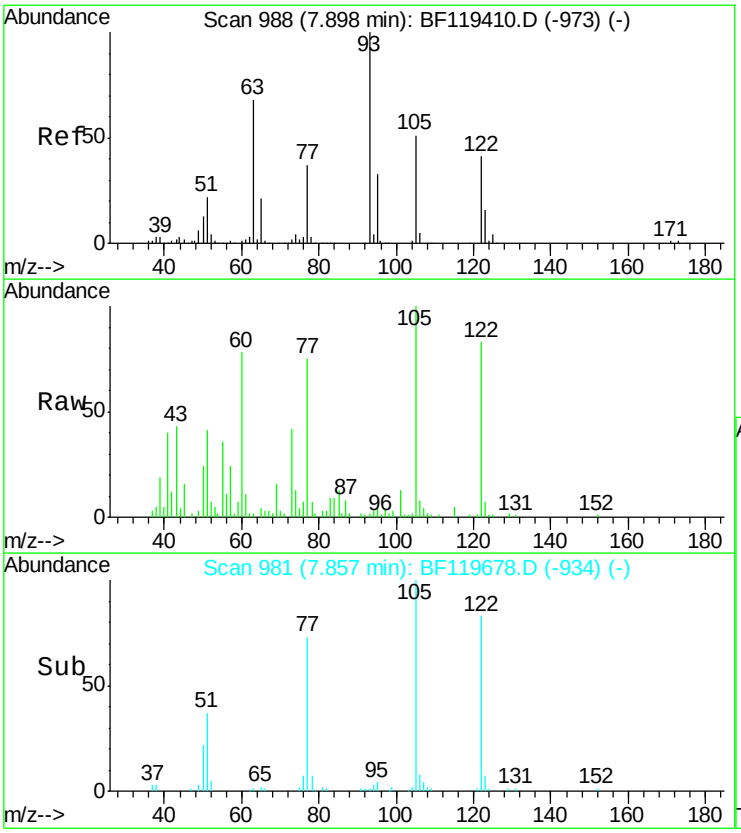
#27
2,4-Dimethylphenol
Concen: 4.32 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.11 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:122 Resp: 69611

Ion	Ratio	Lower	Upper
122	100		
107	4.6	89.0	133.6#
121	1.4	46.7	70.1#

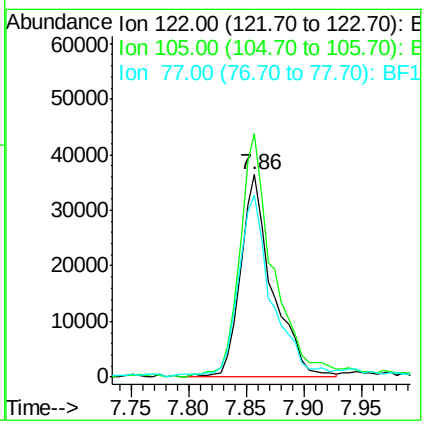


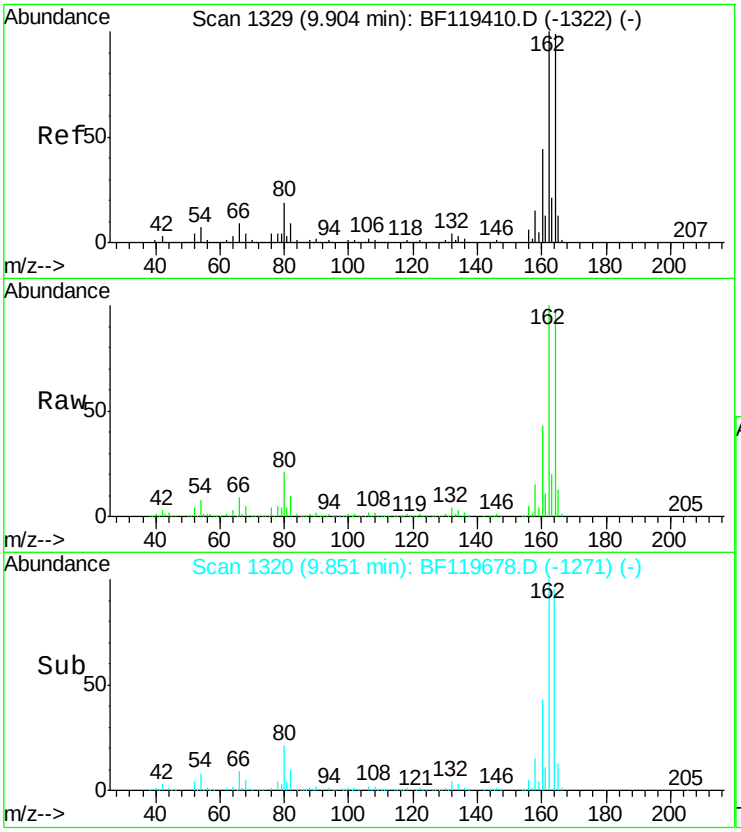


#32
Benzoic acid
Concen: 6.72 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:122 Resp: 69611

Ion	Ratio	Lower	Upper
122	100		
105	120.4	104.9	144.9
77	89.8	74.4	114.4



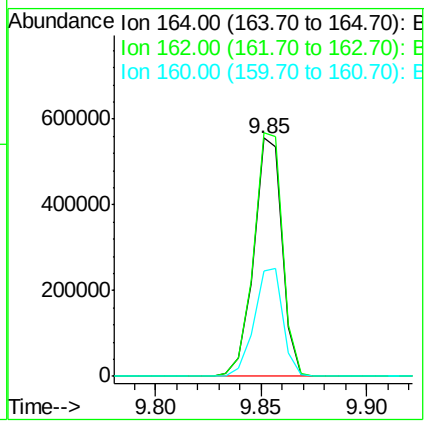


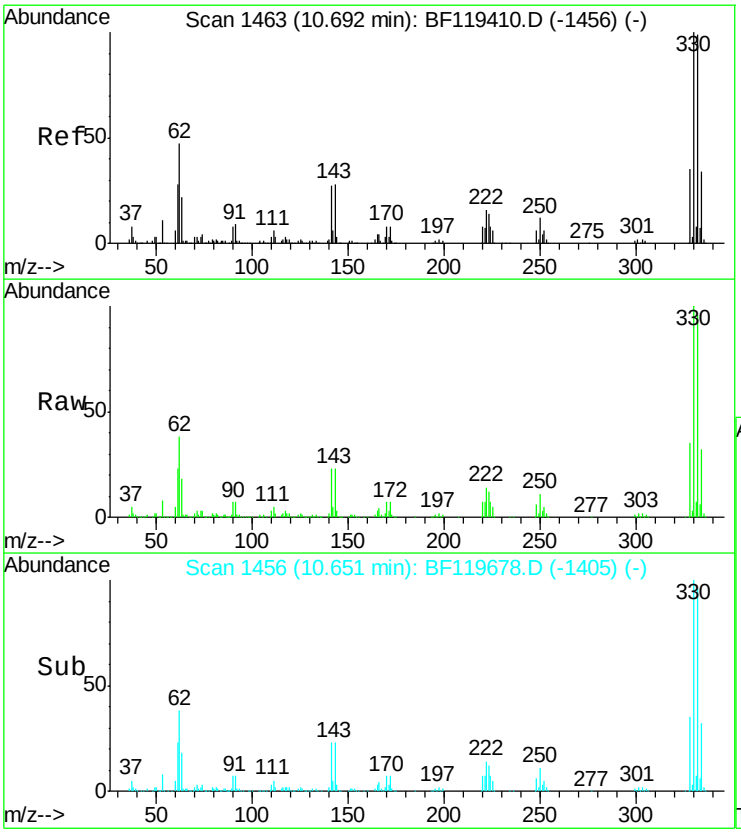
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:164 Resp: 521538

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	44.3	35.7	53.5

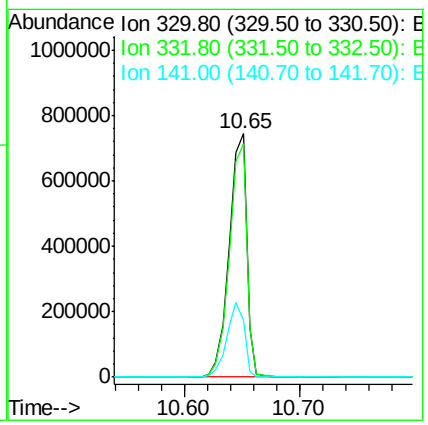


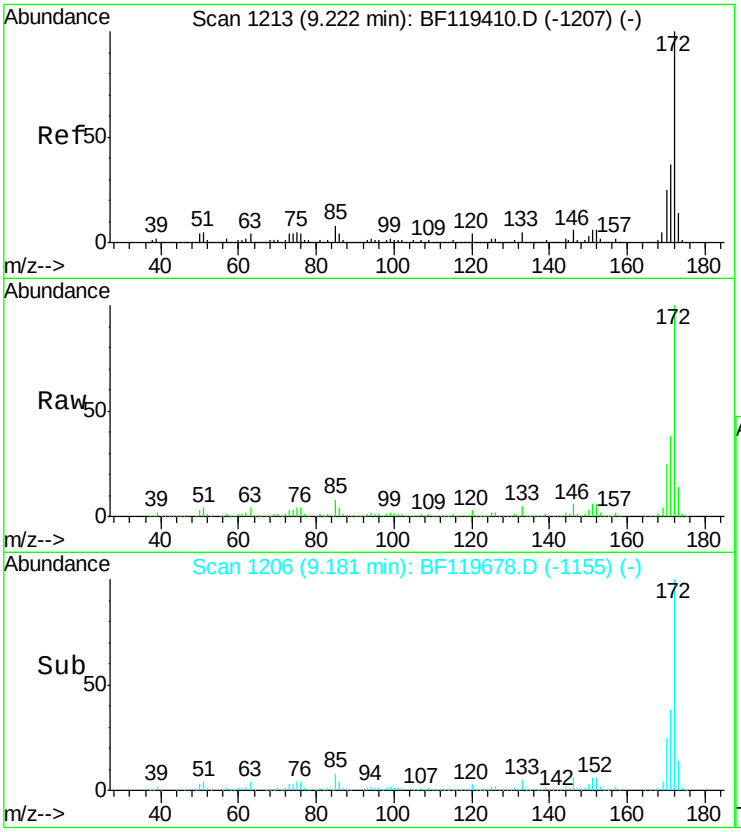


#42
2,4,6-Tribromophenol
Concen: 146.18 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:330 Resp: 786539

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.7	113.5
141	30.4	25.4	38.0



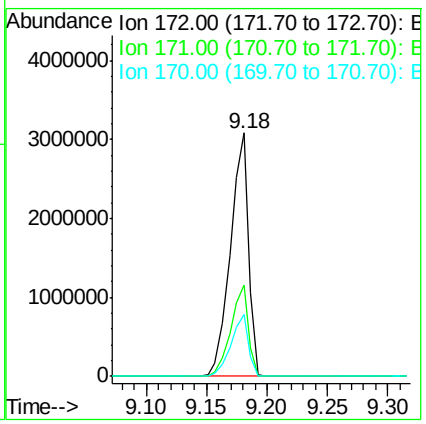


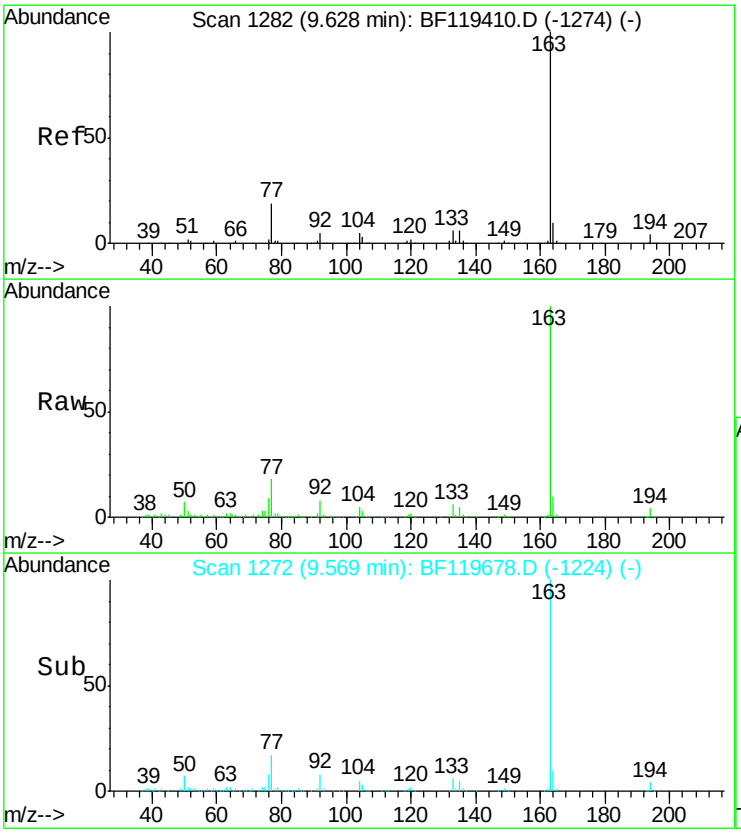
#45
2-Fluorobiphenyl
Concen: 91.07 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:172 Resp: 3205934

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	25.3	20.2	30.2

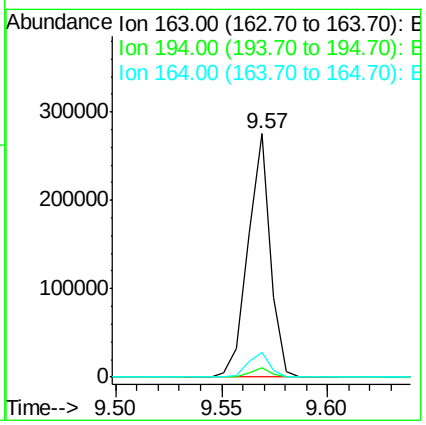


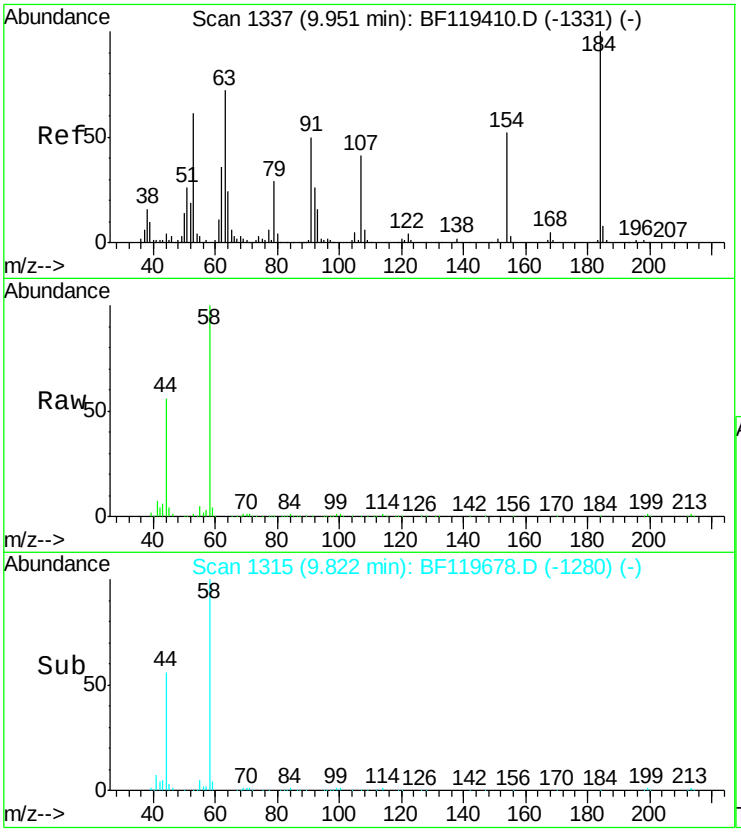


#50
Dimethylphthalate
Concen: 5.46 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:163 Resp: 202213

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.4	8.2	12.2



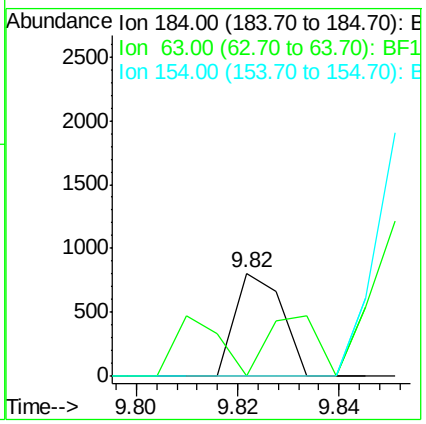


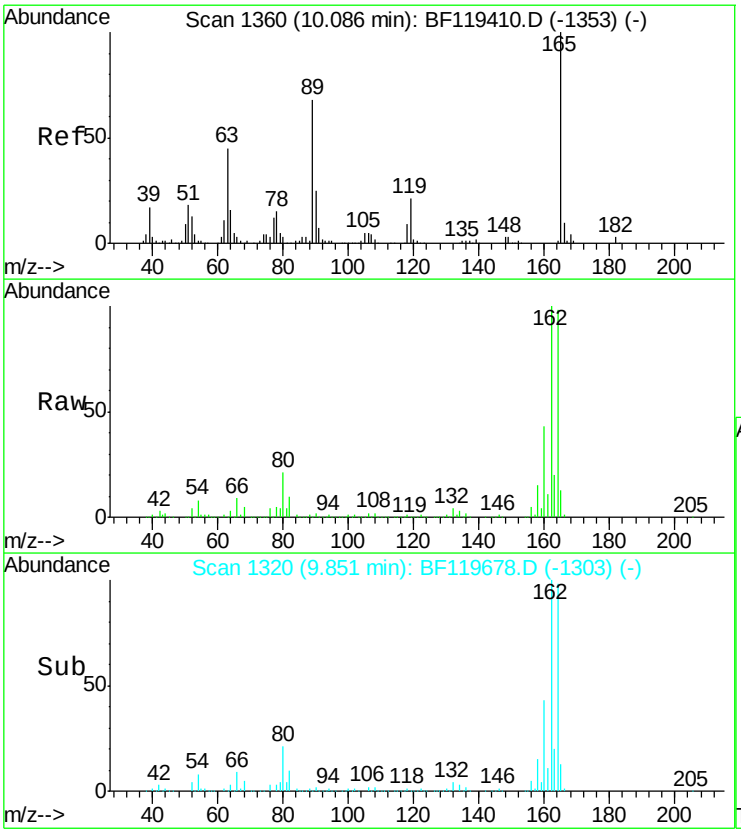
#54
2,4-Dinitrophenol
Concen: 7.41 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.09 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:184 Resp: 522

Ion	Ratio	Lower	Upper
184	100		
63	0.0	50.2	75.4#
154	0.0	44.5	66.7#

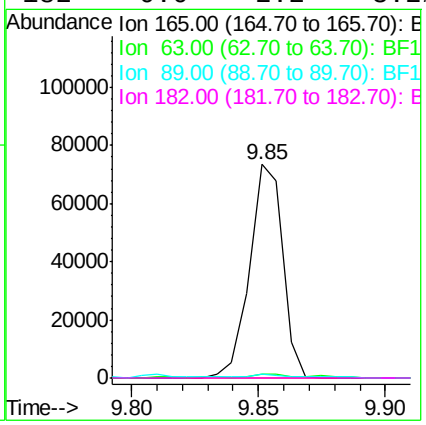


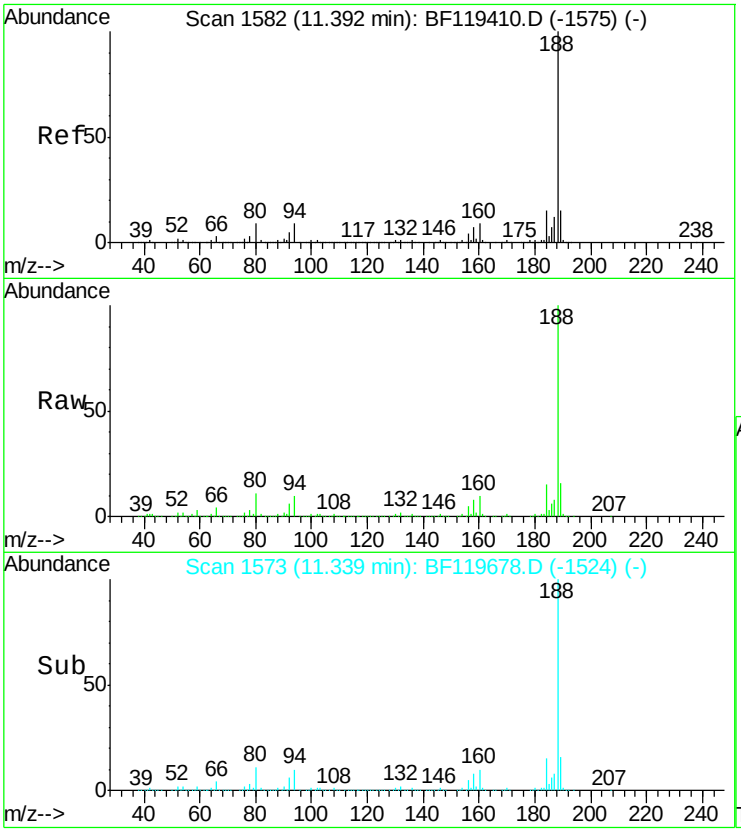


#57
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.20 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:165 Resp: 67167

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.6	64.0#
89	1.6	61.0	91.4#
182	0.0	2.2	3.2#



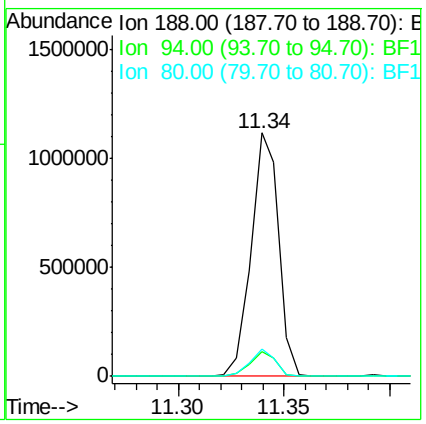


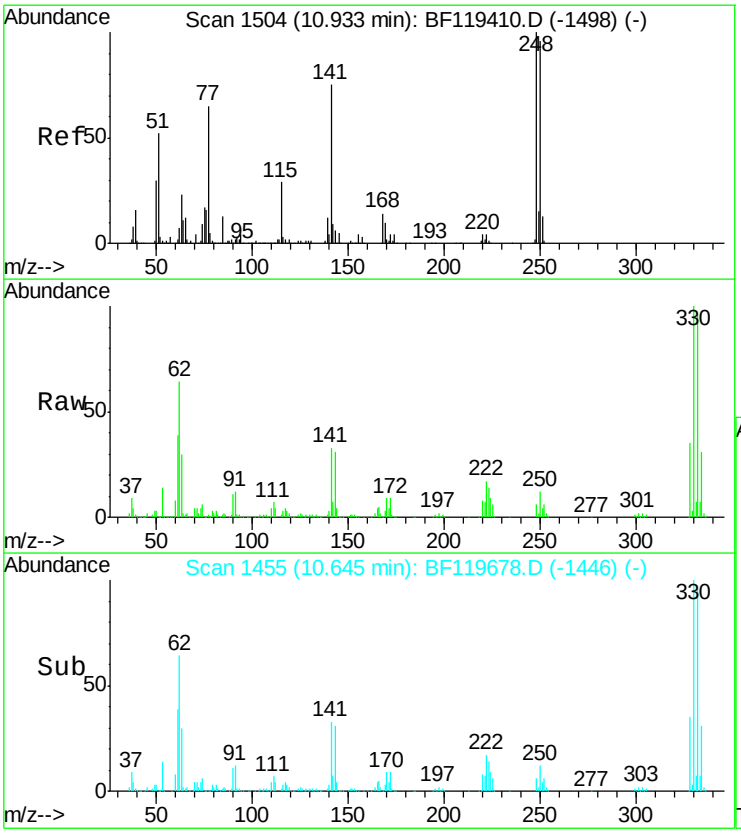
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:188 Resp: 1014612

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	11.0	9.0	13.4

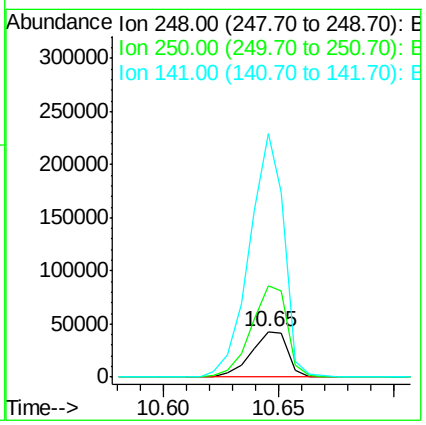


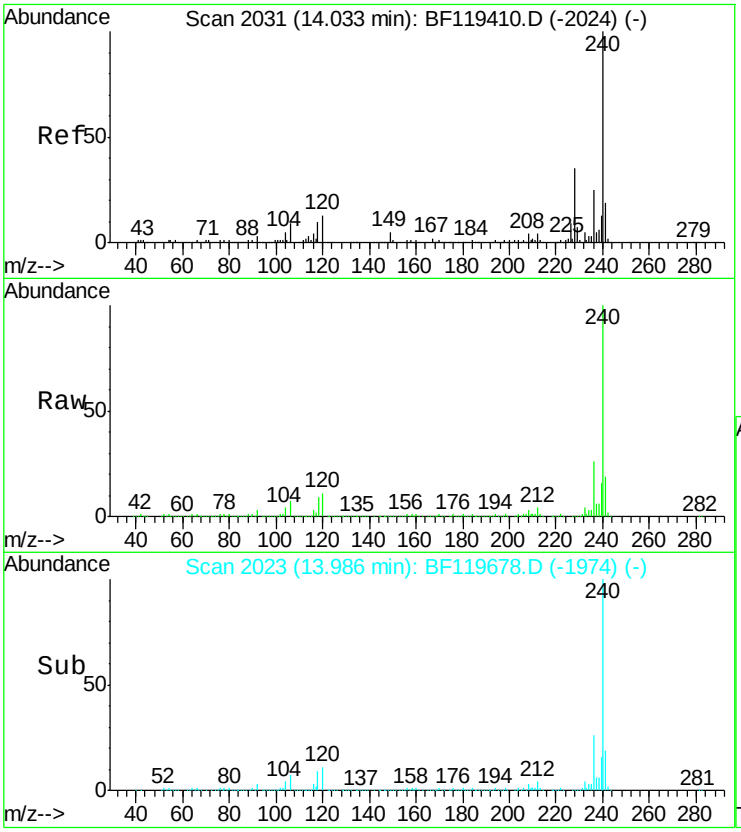


#67
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:248 Resp: 47201

Ion	Ratio	Lower	Upper
248	100		
250	200.9	77.3	115.9#
141	538.1	58.6	87.8#



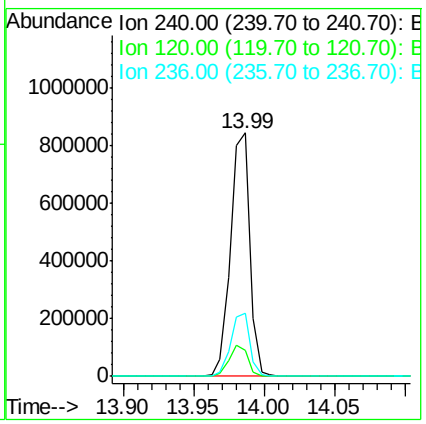


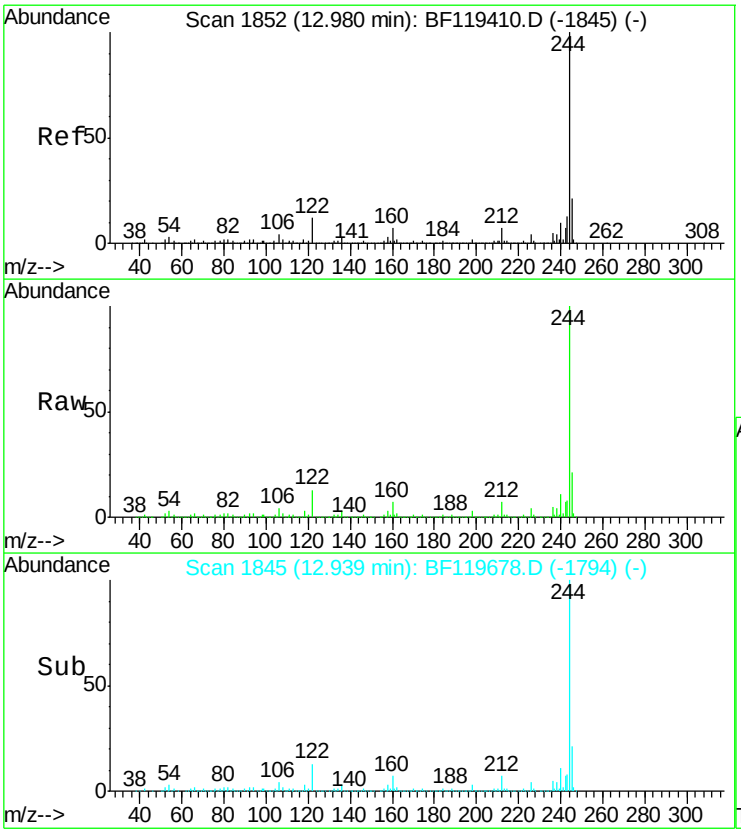
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:240 Resp: 804884

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	26.1	20.2	30.2

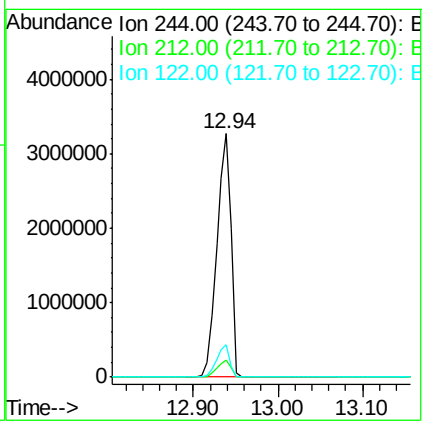


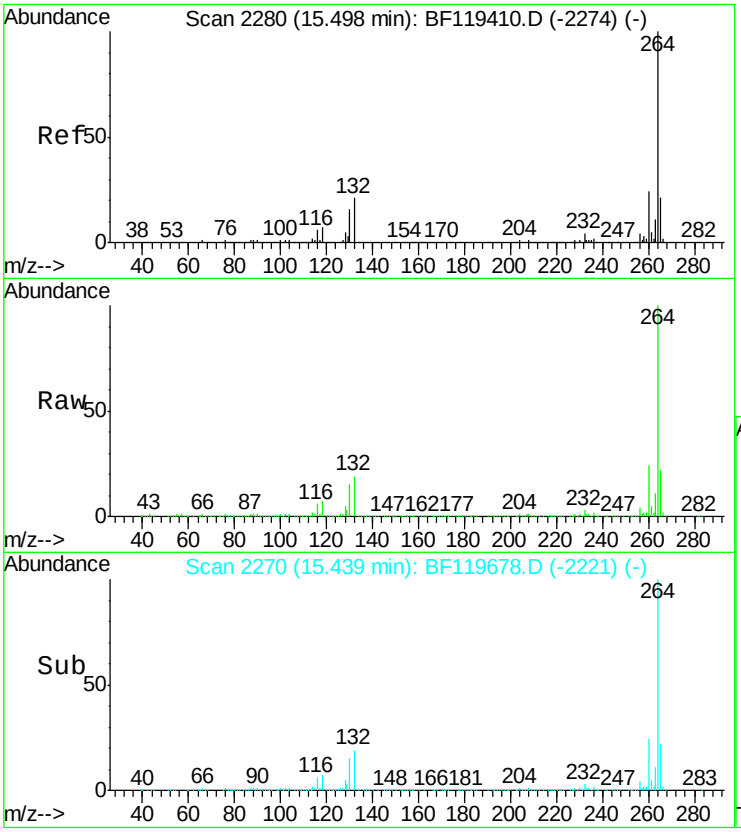


#79
Terphenyl-d14
Concen: 93.63 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Tgt Ion:244 Resp: 3846417

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.4	10.3	15.5





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119678.D
Acq: 1 Apr 2020 16:48

Instrument :
BNA_F
ClientSampleId :
OIL-WATER-SEPERATOR-SLUDGE-

Tgt Ion:264 Resp: 764292

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.7	26.5