Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
Data File : BF118108.D
Acq On : 5 Dec 2019 17:37
Operator : JU
Sample : K6098-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C1-GW

Quant Time: Dec 06 03:33:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122484	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	473894	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	250561	20.00	ng		-0.02
64) Phenanthrene-d10	11.41	188	480937	20.00	ng		-0.01
76) Chrysene-d12	14.06	240	328885	20.00	ng		-0.01
87) Perylene-d12	15.56	264	298338	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	401011	57.95	ng		0.00
7) Phenol-d6	6.49	99	352185	42.20	ng		-0.02
23) Nitrobenzene-d5	7.43	82	700058	87.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	251395	94.77	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1434506	102.71	ng		0.00
79) Terphenyl-d14	13.01	244	1740899	96.74	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	14361	Below Cal			83
10) Phenol	6.50	94	23109	2.665	ng		91
15) Benzyl Alcohol	7.03	79	14960	2.322	ng	#	48
18) Hexachloroethane	7.40	117	103661	31.581	ng	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	94546	18.362	ng	#	75
22) Acetophenone	7.21	105	32780	3.079	ng	#	72
24) Nitrobenzene	7.44	77	20990	2.552	ng	#	4
25) Isophorone	7.43	82	699118	47.848	ng	#	63
50) Dimethylphthalate	9.63	163	314805	17.917	ng		98
52) Acenaphthene	9.95	154	37550	2.629	ng		97
54) 2,4-Dinitrophenol	10.06	184	1984	8.139	ng	#	83
58) Fluorene	10.47	166	62103	4.052	ng		98
67) 4-Bromophenyl-phenylether	10.72	248	15667	3.019	ng	#	1
71) Phenanthrene	11.43	178	55818	2.308	ng		98
72) Anthracene	11.43	178	55818	2.328	ng		98
75) Fluoranthene	12.63	202	6257	Below Cal			86

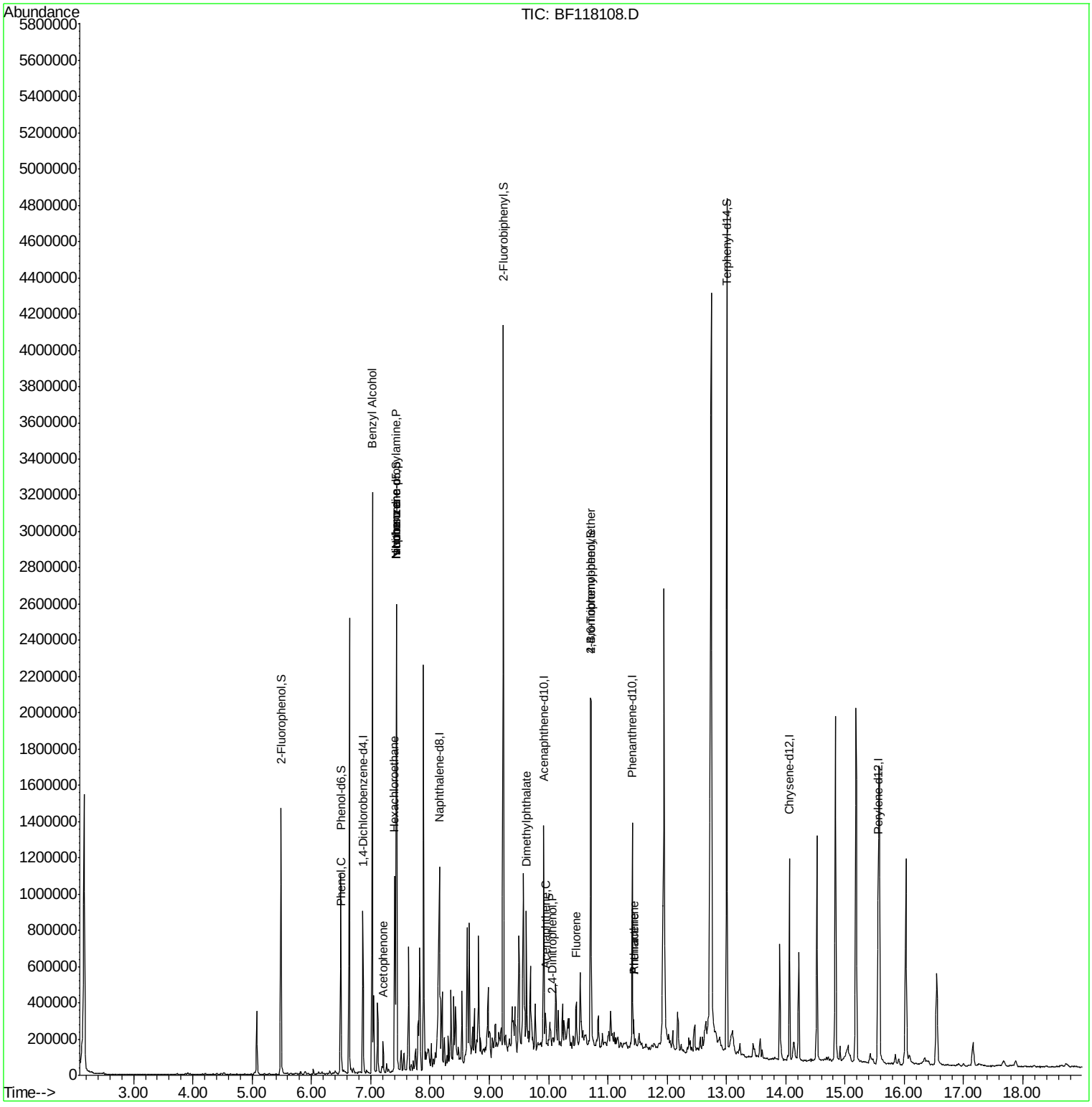
(#) = qualifier out of range (m) = manual integration (+) = signals summed

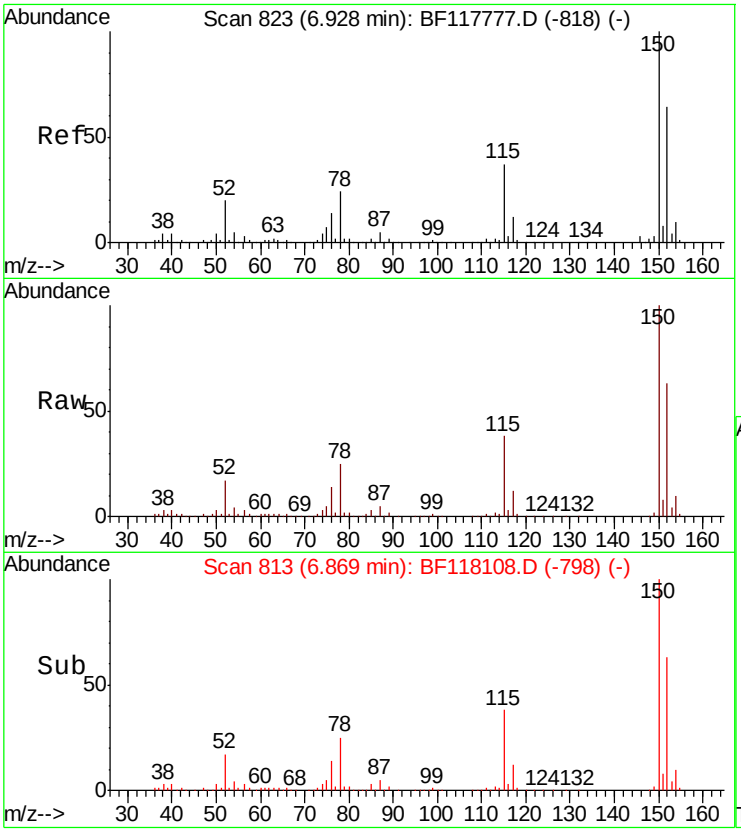
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120519\
Data File : BF118108.D
Acq On : 5 Dec 2019 17:37
Operator : JU
Sample : K6098-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C1-GW

Quant Time: Dec 06 03:33:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration



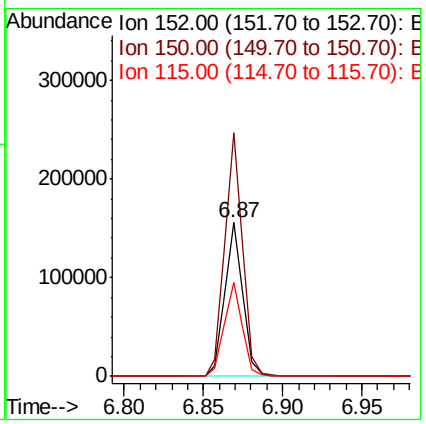


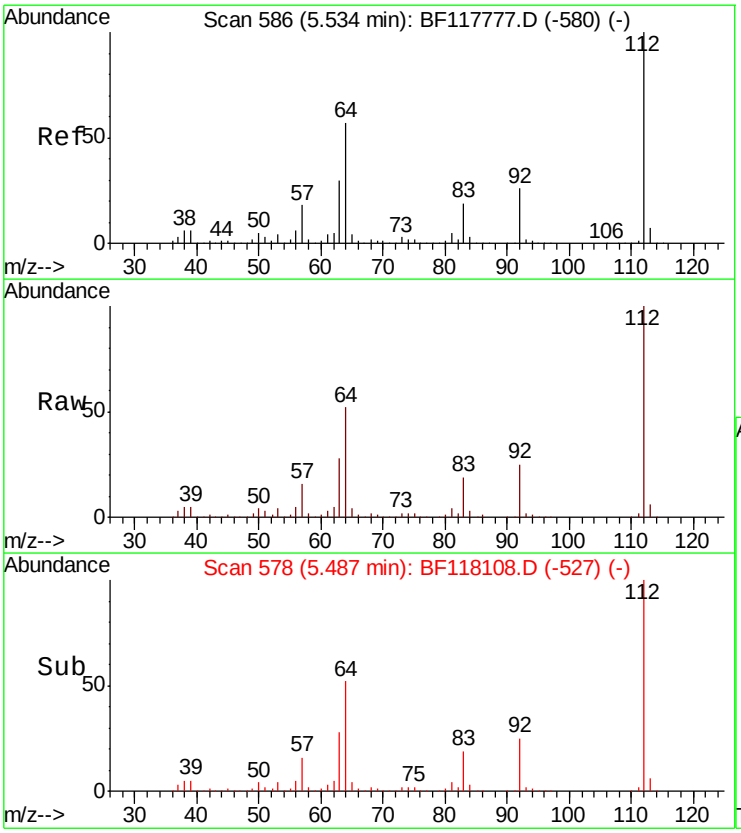
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:152 Resp: 122484

Ion	Ratio	Lower	Upper
152	100		
150	158.1	121.4	182.2
115	60.8	48.8	73.2

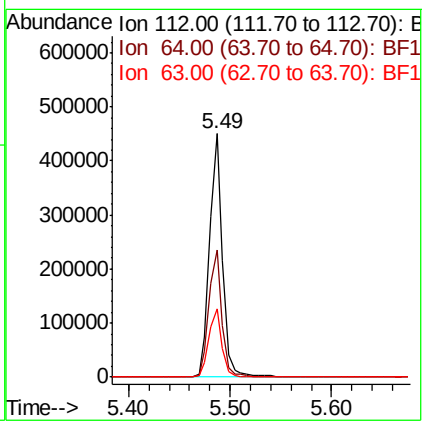


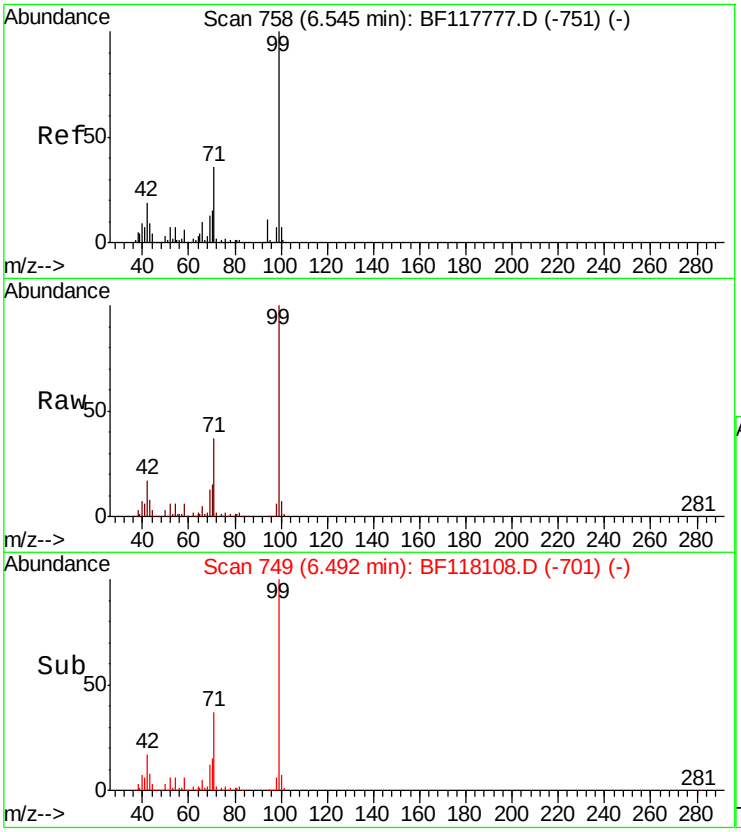


#5
2-Fluorophenol
Concen: 57.953 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:112 Resp: 401011

Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.1	67.7
63	28.1	24.6	37.0



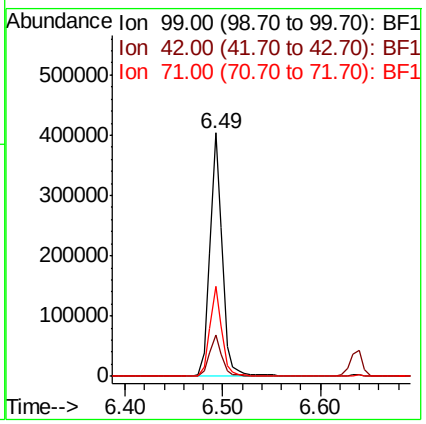


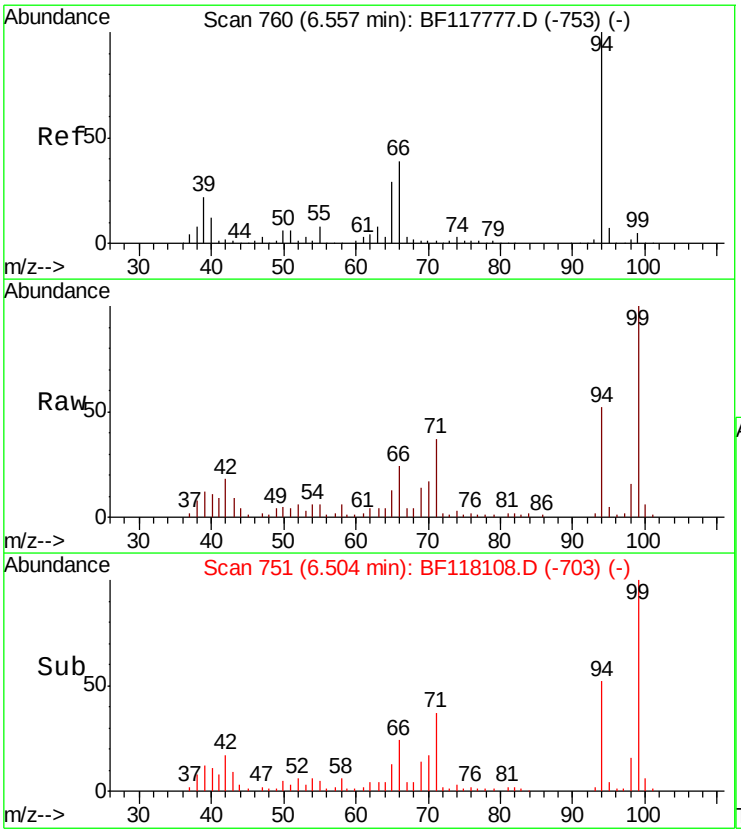
#7
Phenol-d6
Concen: 42.197 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 99 Resp: 352185

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.0	21.0
71	36.8	29.2	43.8

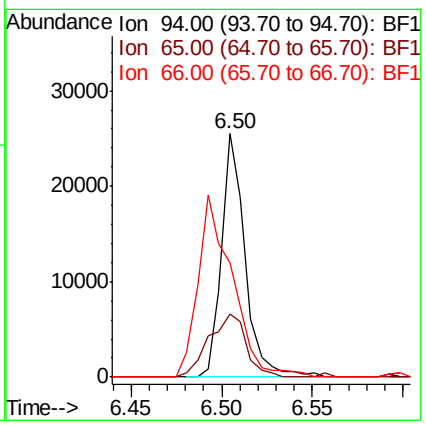


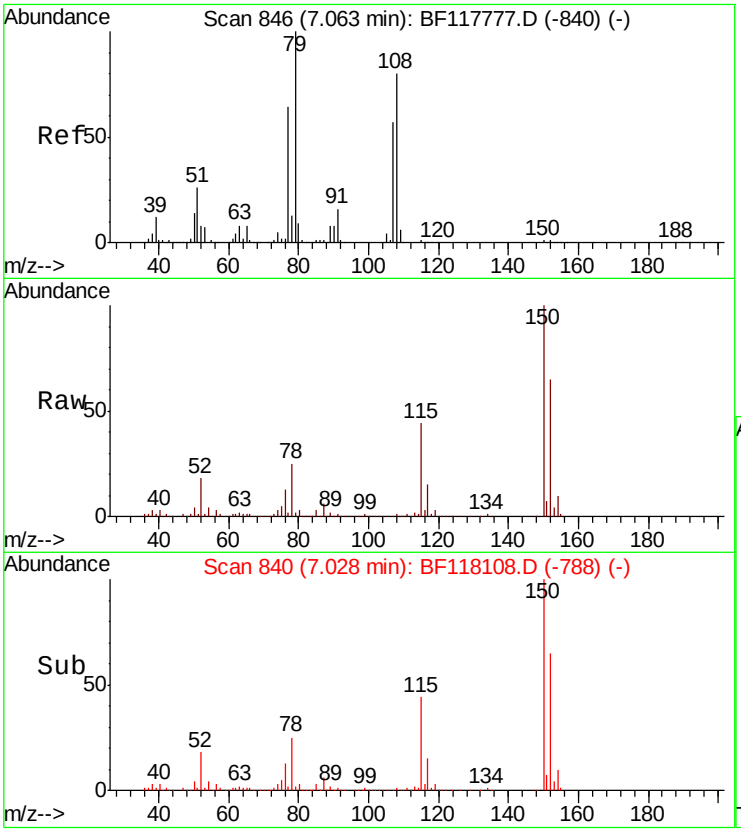


#10
Phenol
Concen: 2.665 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion: 94 Resp: 23109

Ion	Ratio	Lower	Upper
94	100		
65	25.7	6.9	46.9
66	47.0	18.6	58.6



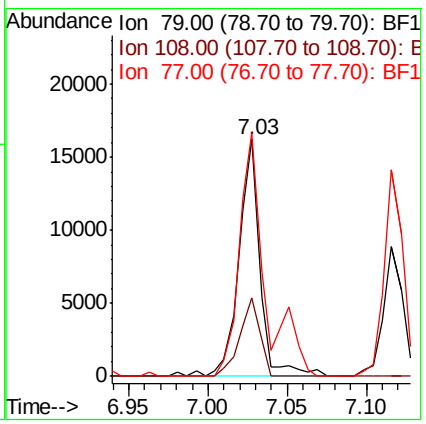


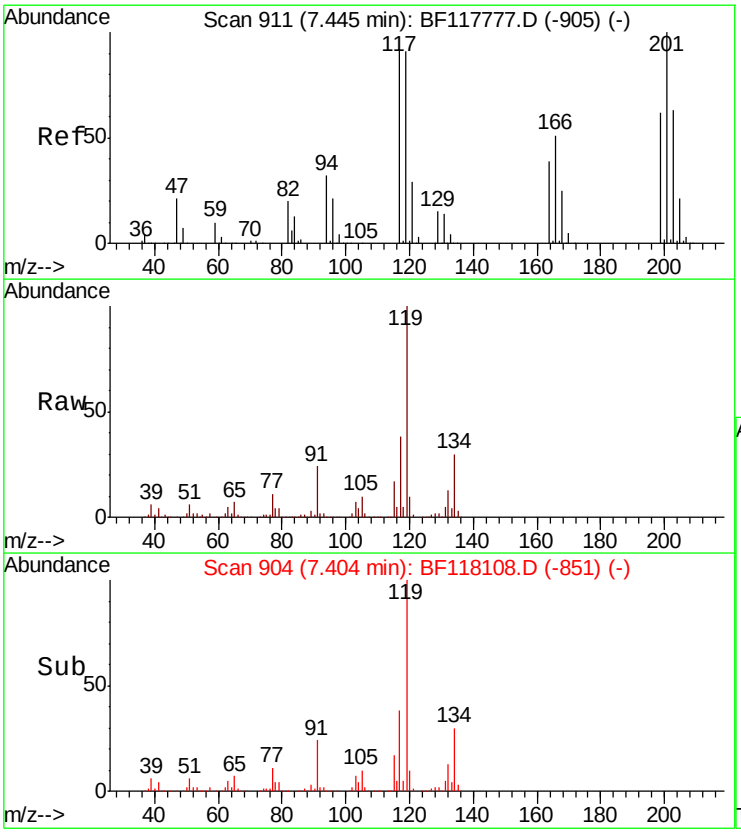
#15
Benzyl Alcohol
Concen: 2.322 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 79 Resp: 14960

Ion	Ratio	Lower	Upper
79	100		
108	33.0	63.1	94.7#
77	102.7	50.6	76.0#

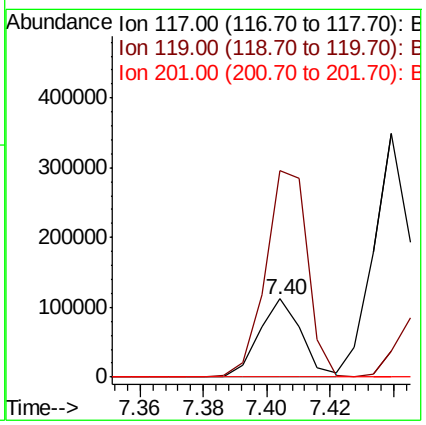


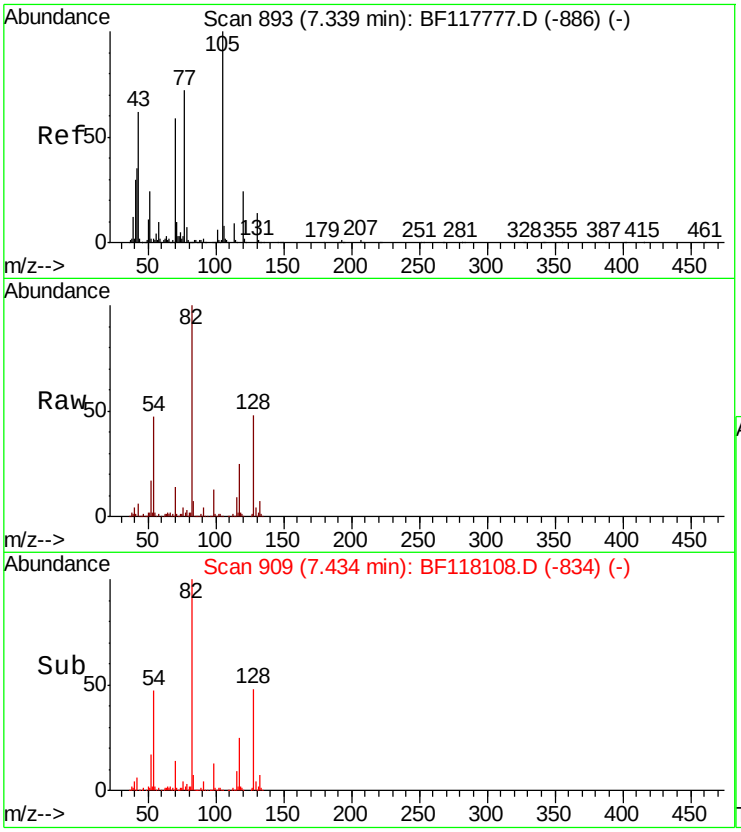


#18
Hexachloroethane
Concen: 31.581 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:117 Resp: 103661

Ion	Ratio	Lower	Upper
117	100		
119	264.8	76.4	114.6#
201	0.0	71.7	107.5#



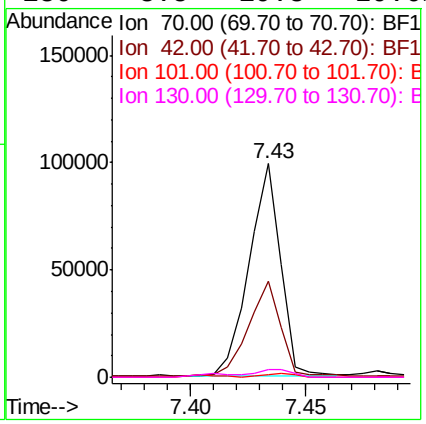


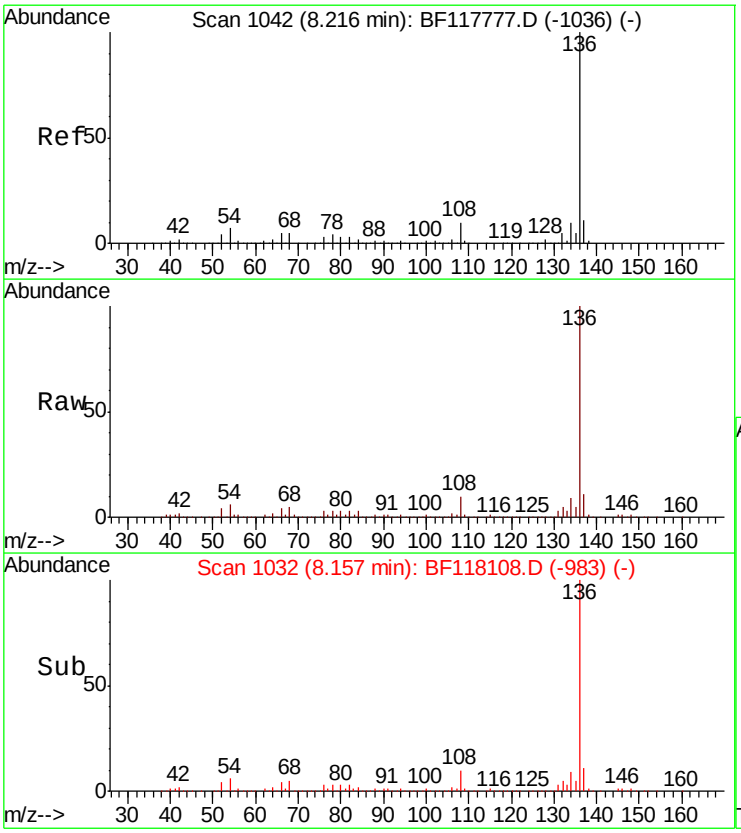
#19
n-Nitroso-di-n-propylamine
Concen: 18.362 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 70 Resp: 94546

Ion	Ratio	Lower	Upper
70	100		
42	44.7	46.0	69.0#
101	1.0	8.8	13.2#
130	3.5	19.8	29.6#

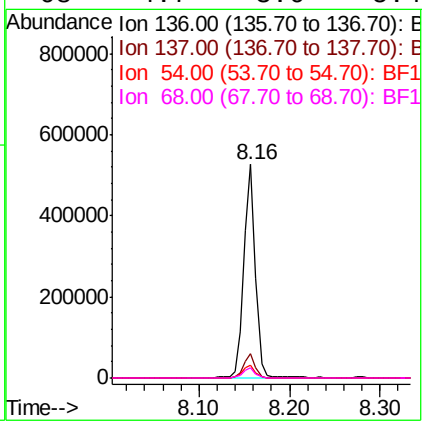


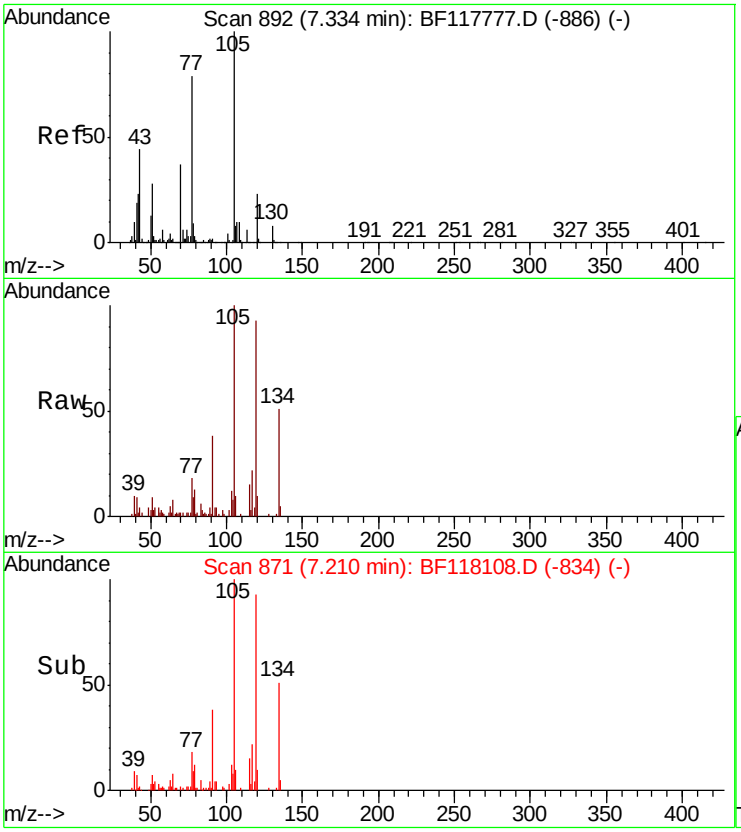


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:136 Resp: 473894

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.2	4.9	7.3
68	4.7	3.6	5.4



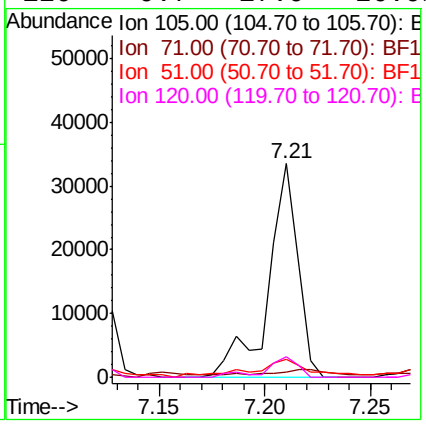


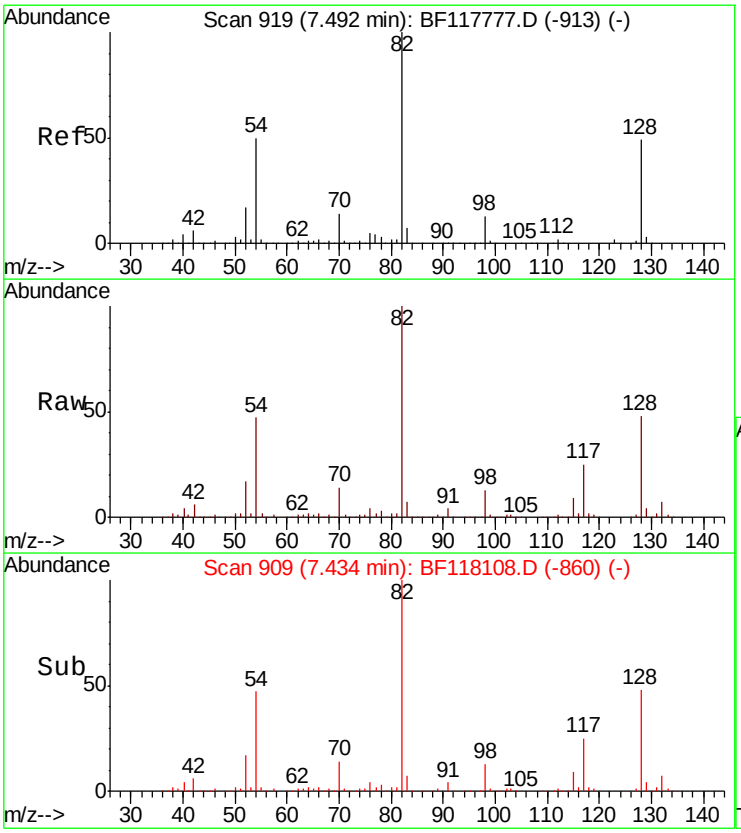
#22
Acetophenone
Concen: 3.079 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.08 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:105 Resp: 32780

Ion	Ratio	Lower	Upper
105	100		
71	2.4	5.9	8.9#
51	8.6	20.2	30.2#
120	9.7	17.9	26.9#

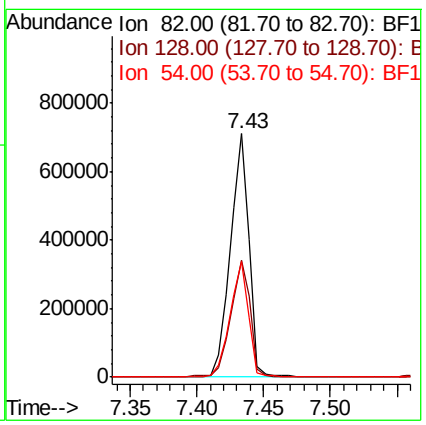


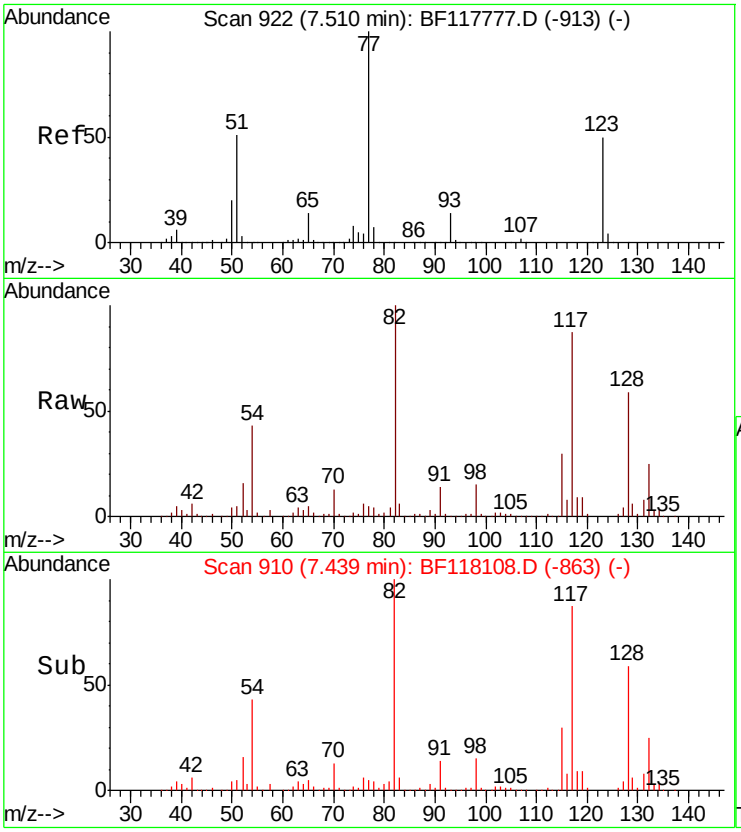


#23
Nitrobenzene-d5
Concen: 87.816 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion: 82 Resp: 700058

Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.2	57.4
54	47.4	39.0	58.4



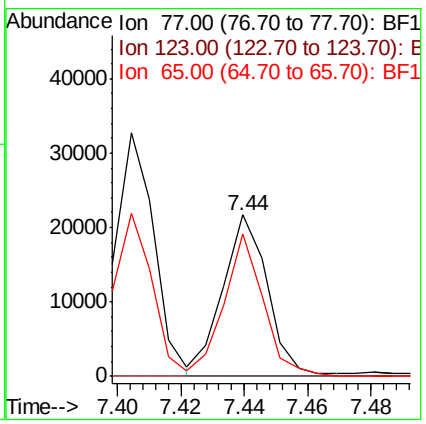


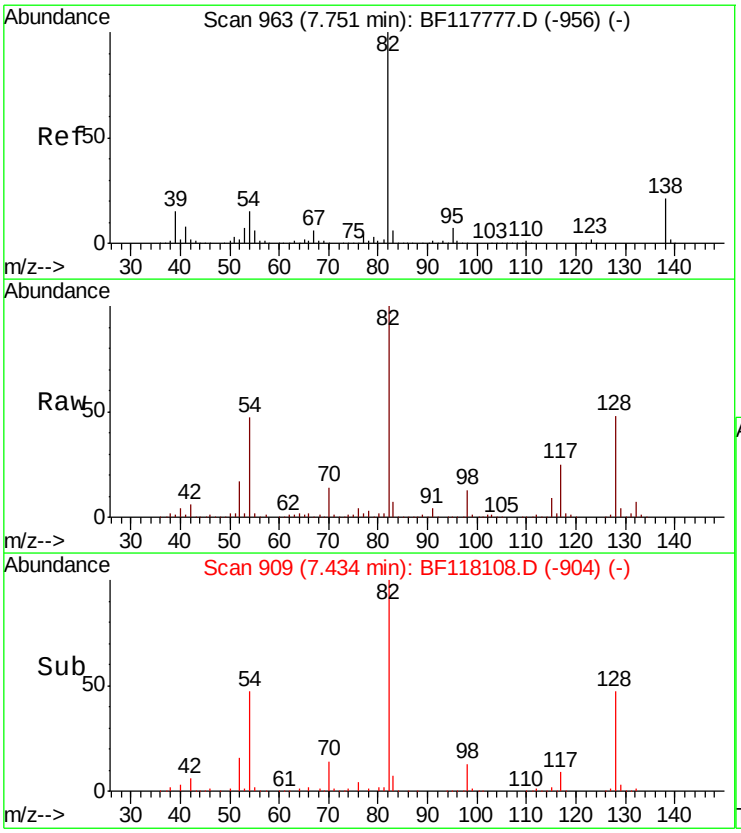
#24
Nitrobenzene
Concen: 2.552 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion: 77 Resp: 20990

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	88.5	11.1	16.7#

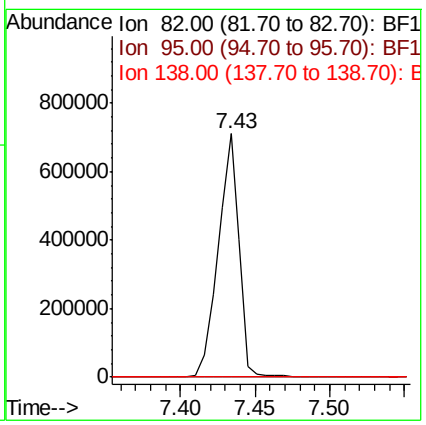


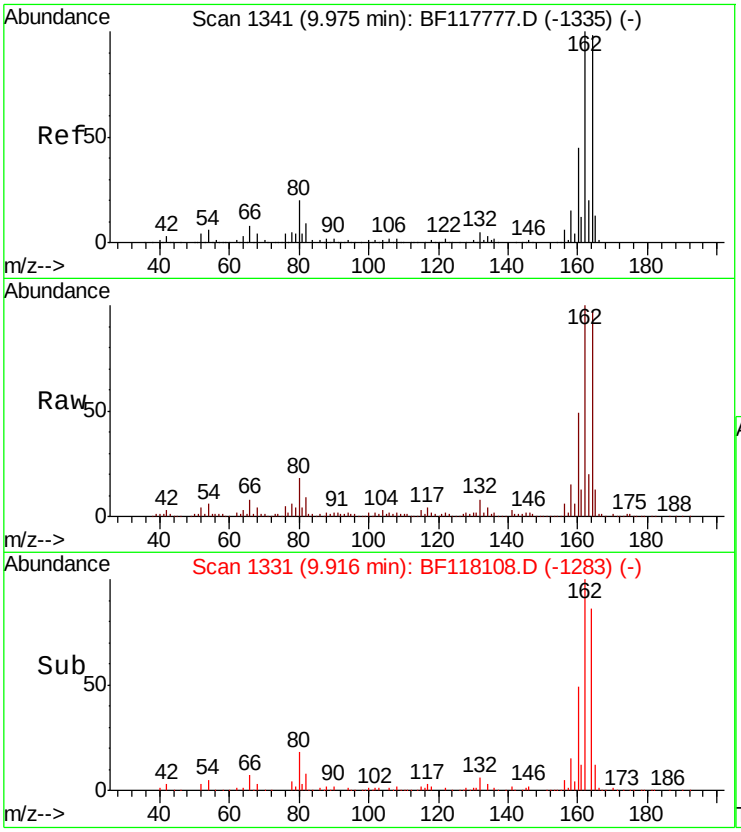


#25
Isophorone
Concen: 47.848 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.27 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion: 82 Resp: 699118

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.2#
138	0.0	15.9	23.9#



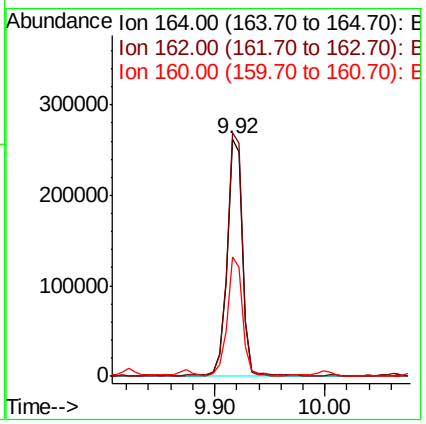


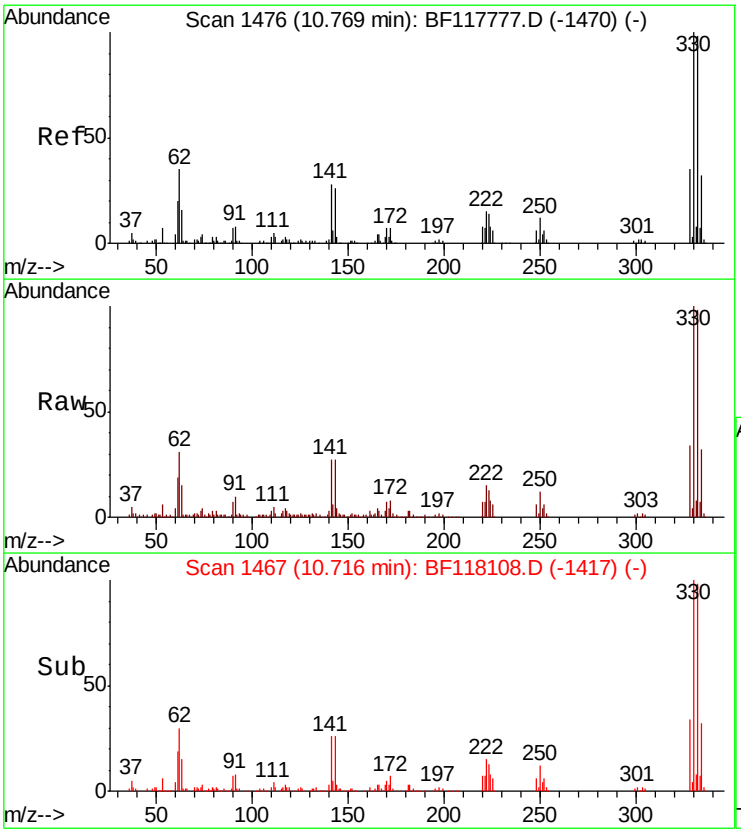
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:164 Resp: 250561

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	50.4	35.9	53.9

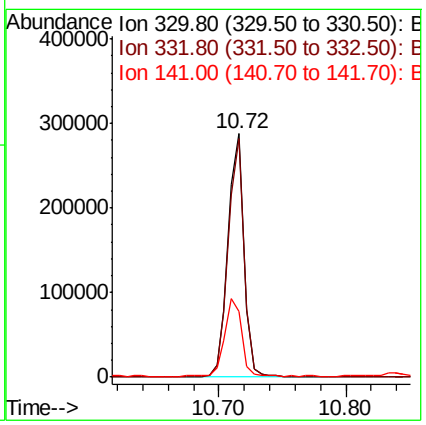


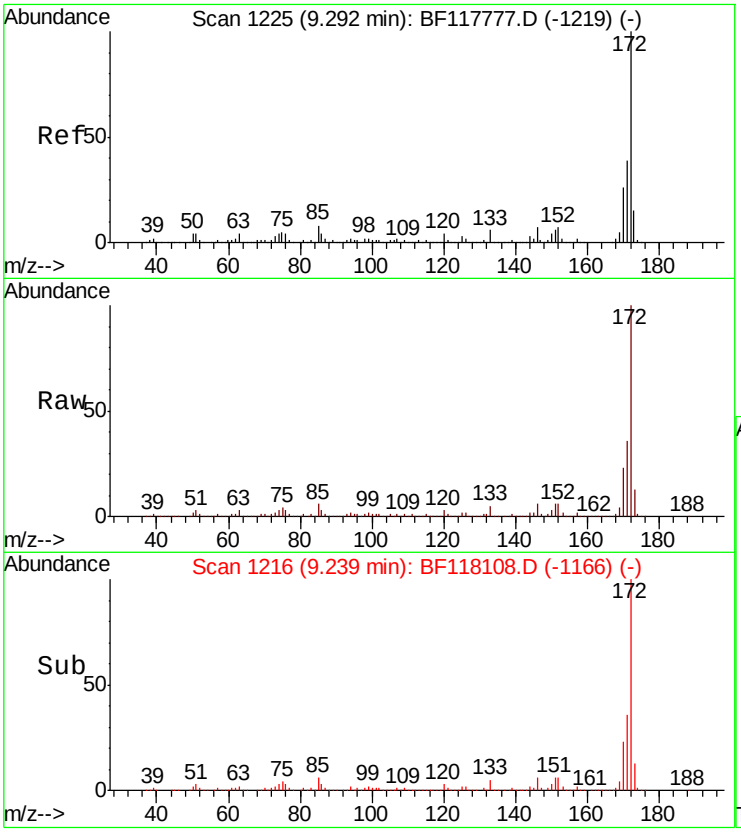


#42
2,4,6-Tribromophenol
Concen: 94.771 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:330 Resp: 251395

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.3	117.5
141	34.1	26.4	39.6



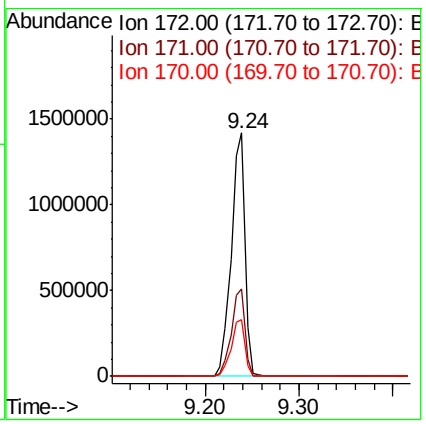


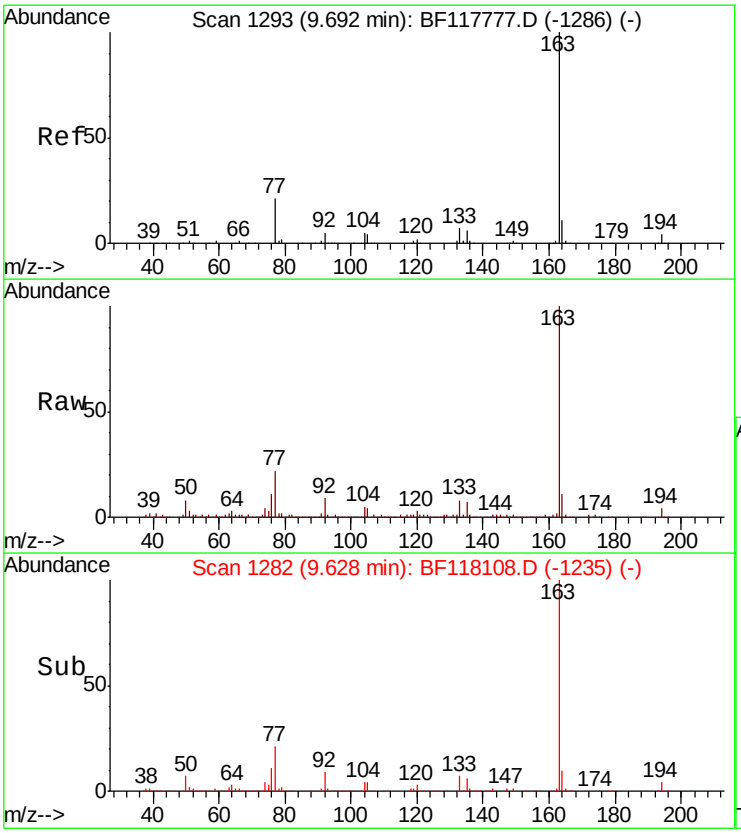
#45
2-Fluorobiphenyl
Concen: 102.712 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:172 Resp: 1434506

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.3	19.3	28.9

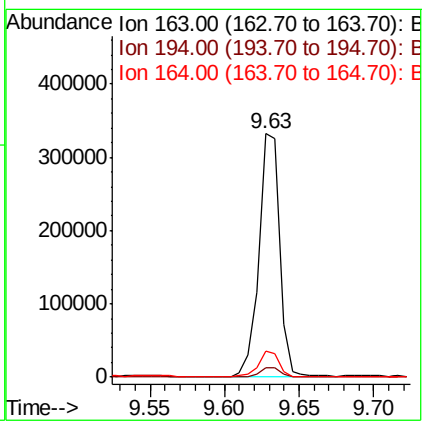


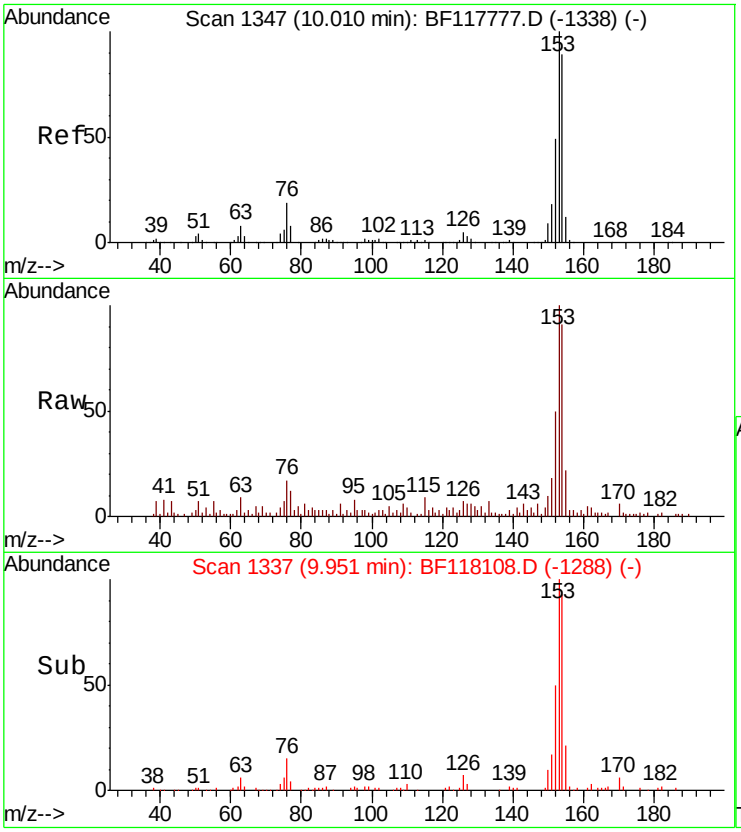


#50
Dimethylphthalate
Concen: 17.917 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:163 Resp: 314805

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.6	7.9	11.9



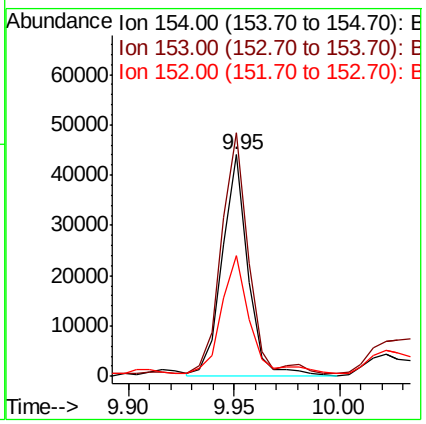


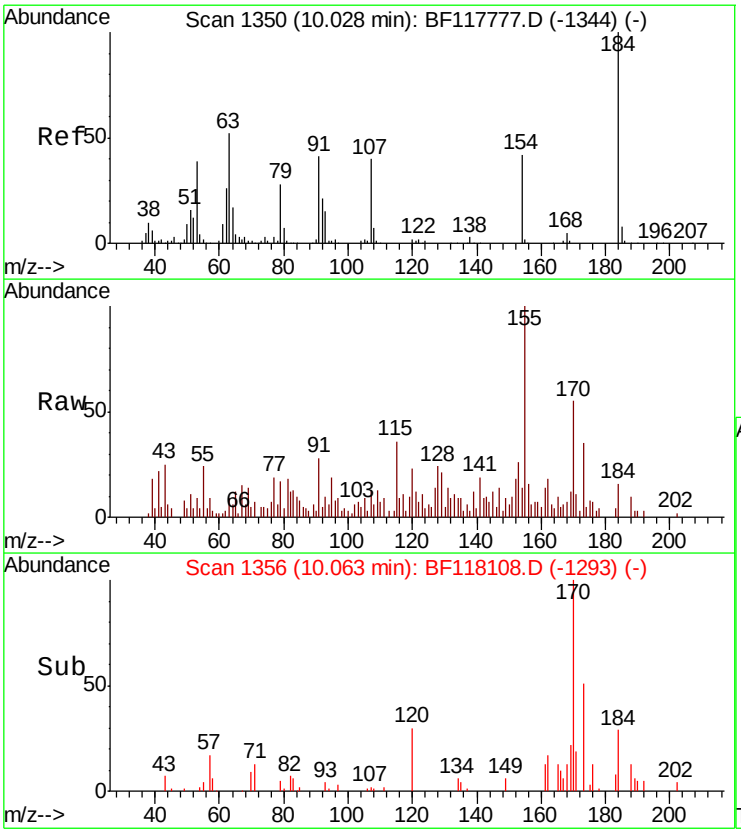
#52
Acenaphthene
Concen: 2.629 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:154 Resp: 37550

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.2	136.8
152	54.7	43.6	65.4

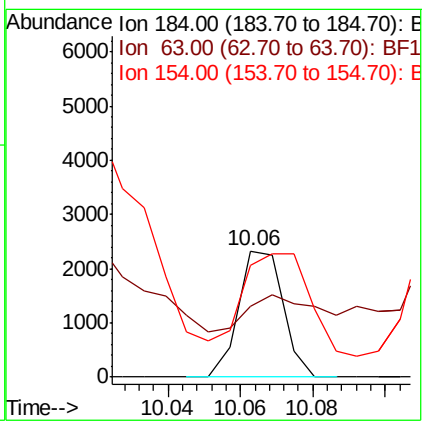


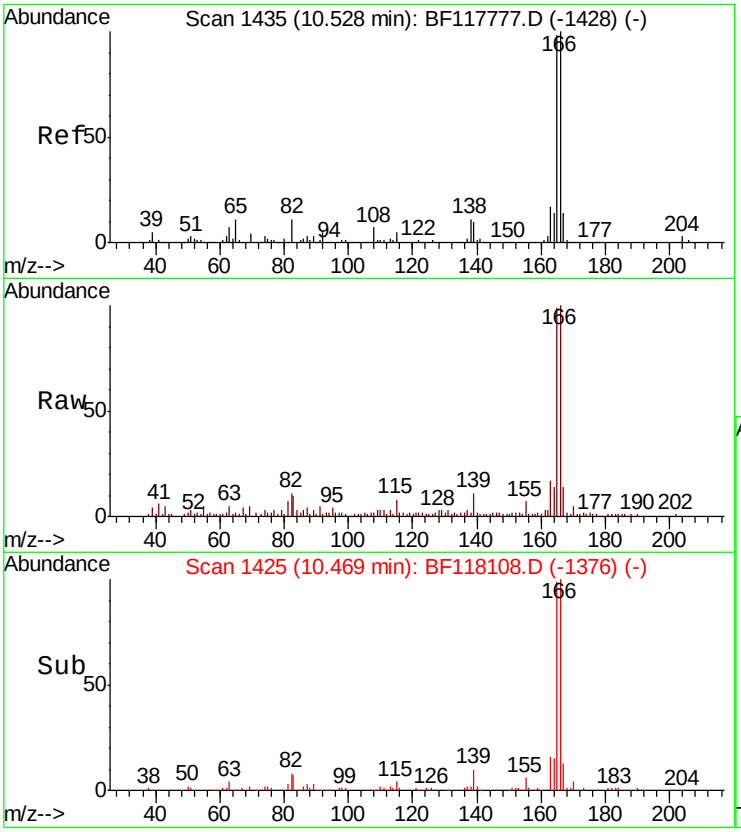


#54
2,4-Dinitrophenol
Concen: 8.139 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.07 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:184 Resp: 1984

Ion	Ratio	Lower	Upper
184	100		
63	55.7	45.3	67.9
154	88.2	51.6	77.4#



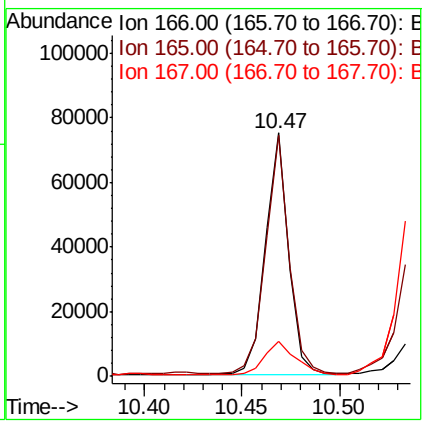


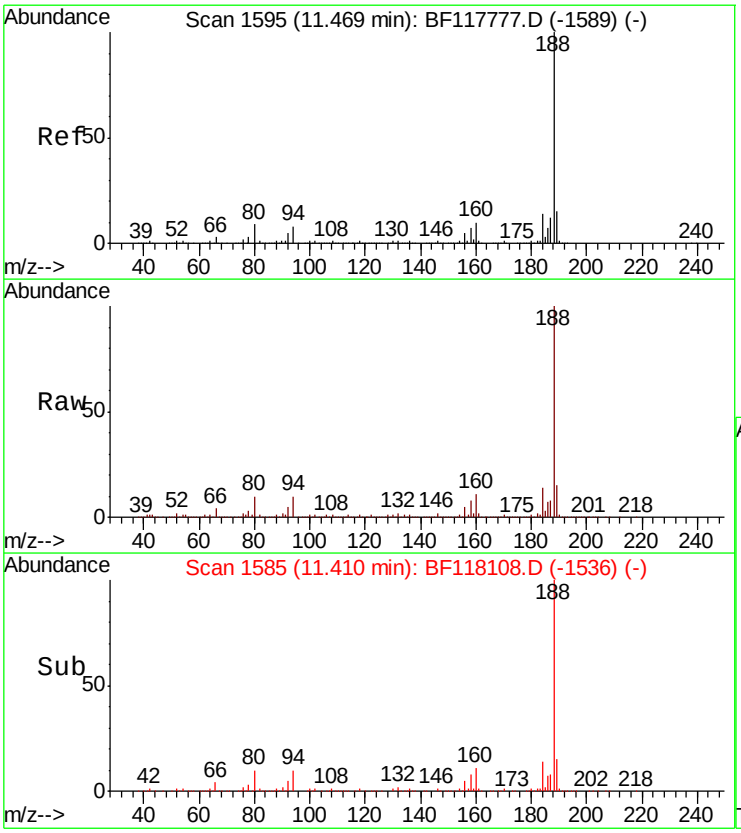
#58
Fluorene
Concen: 4.052 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:166 Resp: 62103

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.4	116.2
167	14.1	10.7	16.1

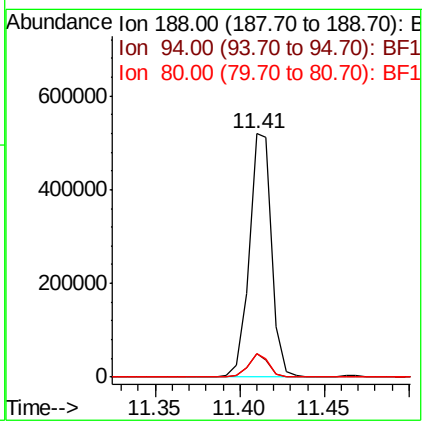


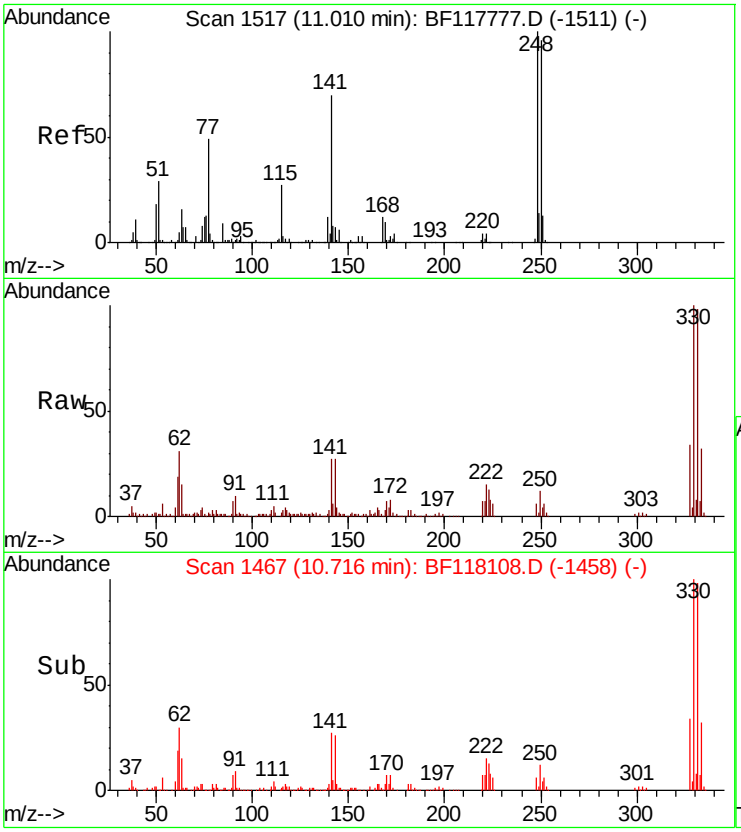


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:188 Resp: 480937

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	9.7	7.2	10.8



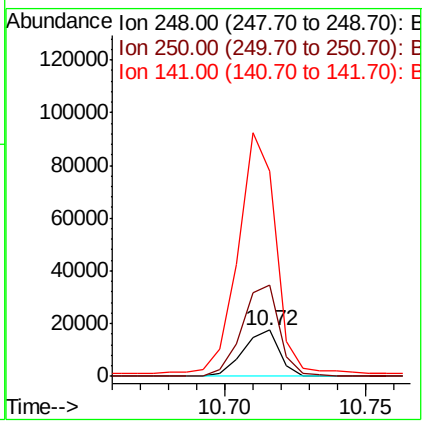


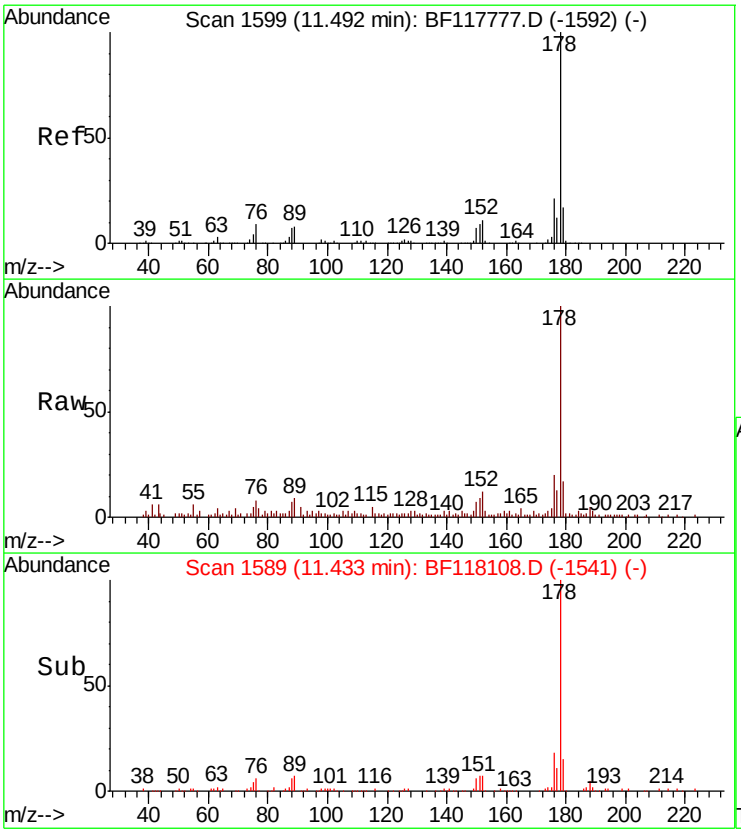
#67
4-Bromophenyl-phenylether
Concen: 3.019 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:248 Resp: 15667

Ion	Ratio	Lower	Upper
248	100		
250	196.5	78.0	117.0#
141	440.9	64.0	96.0#

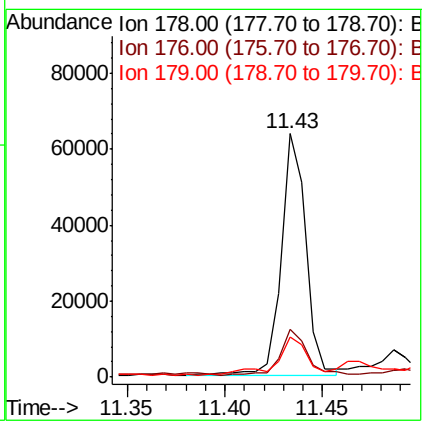


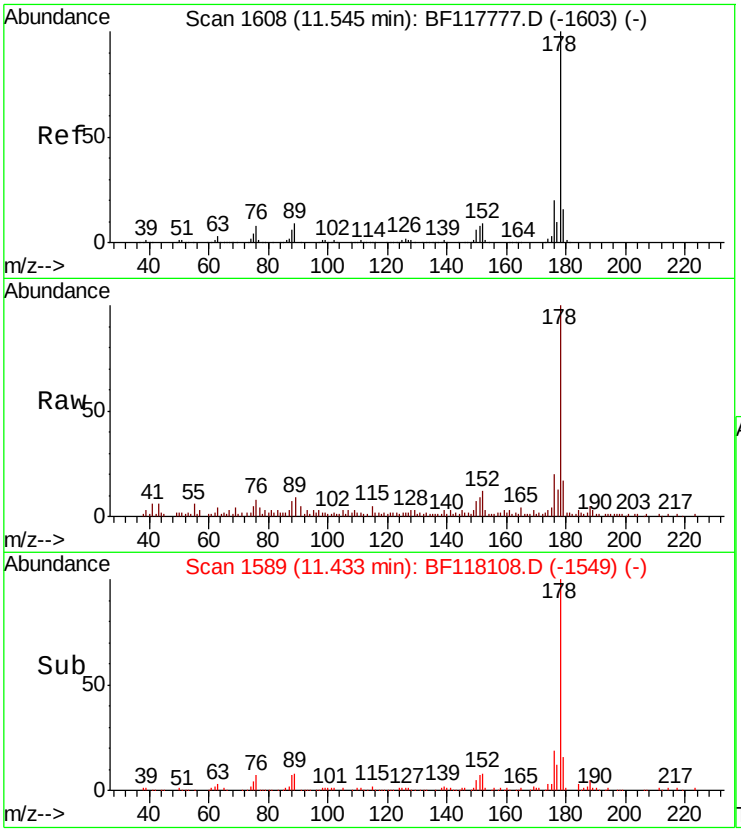


#71
Phenanthrene
Concen: 2.308 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:178 Resp: 55818

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.6	12.3	18.5



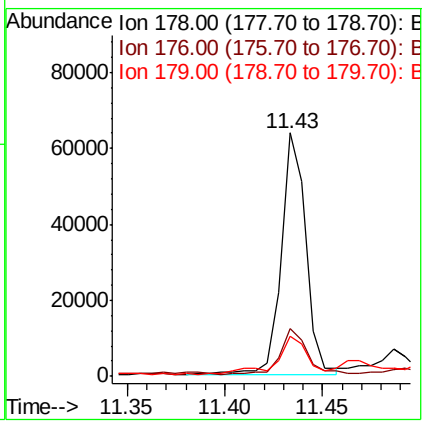


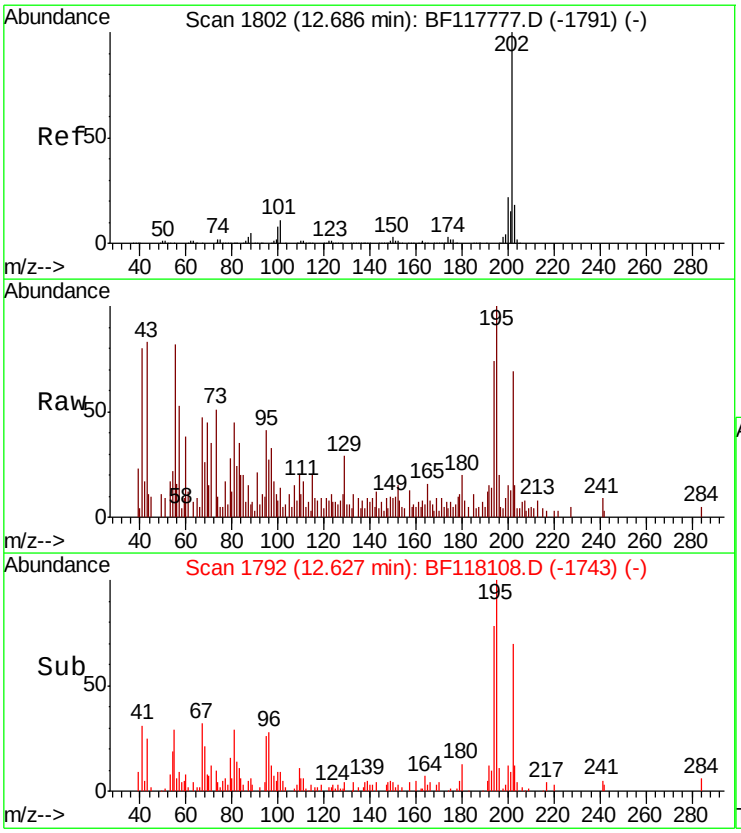
#72
Anthracene
Concen: 2.328 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:178 Resp: 55818

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.6
179	16.6	12.8	19.2

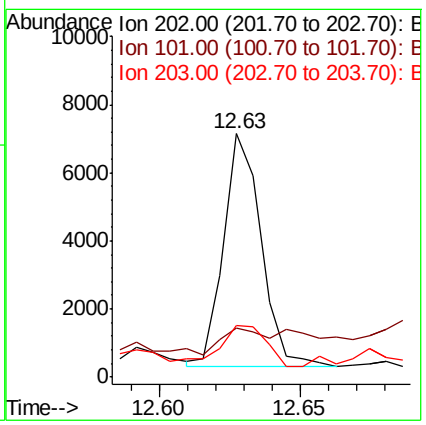


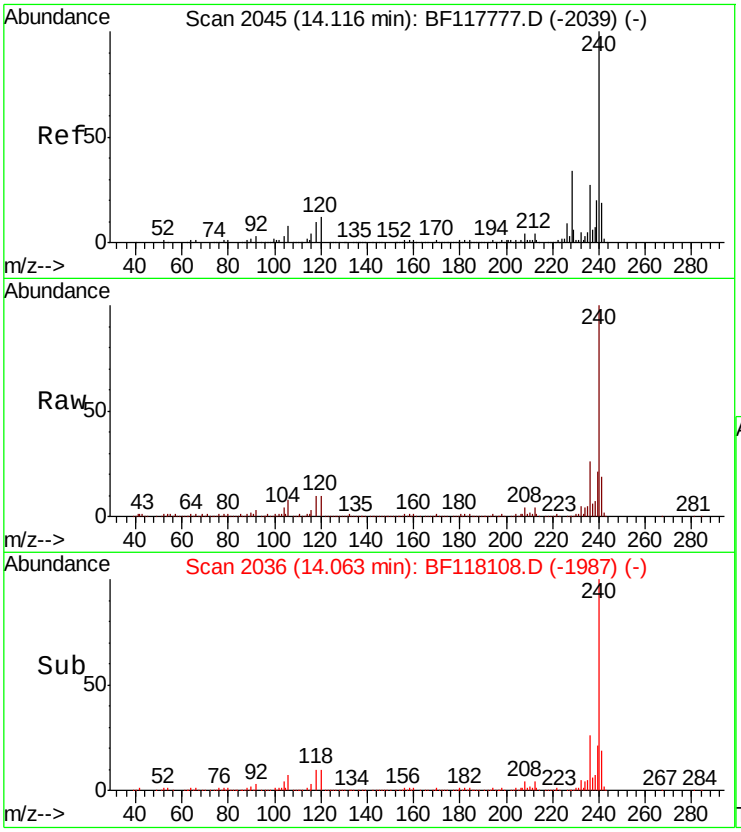


#75
Fluoranthene
Concen: Below Cal
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:202 Resp: 6257

Ion	Ratio	Lower	Upper
202	100		
101	20.2	0.0	31.5
203	21.3	0.0	37.6



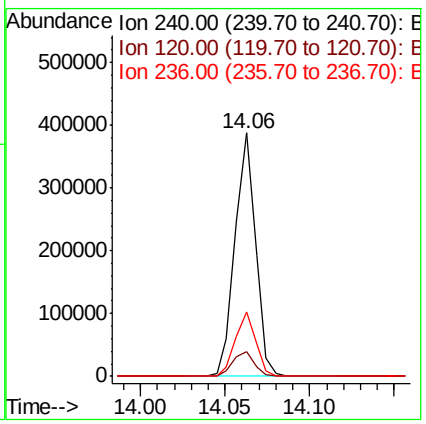


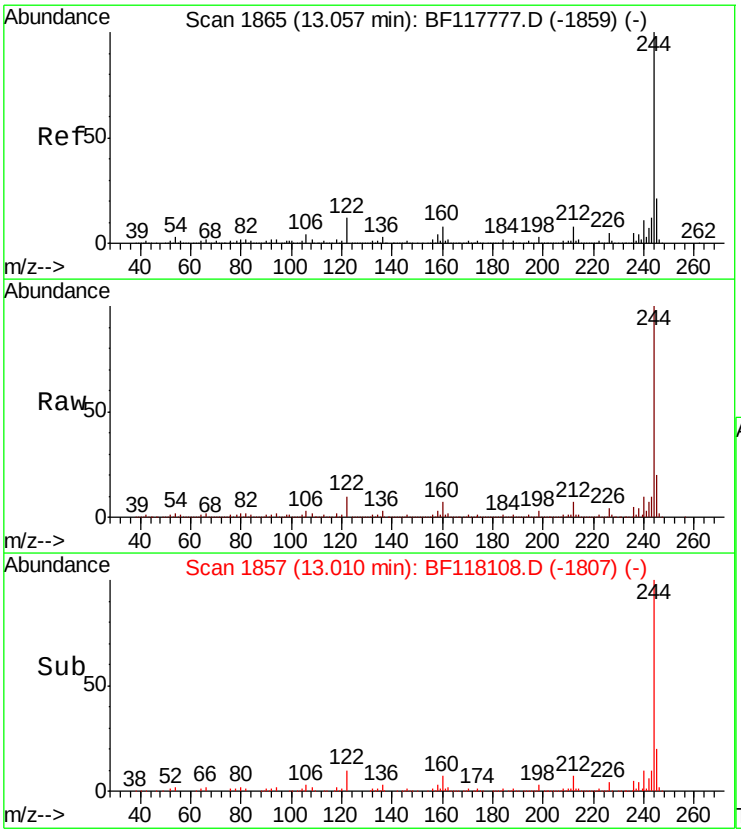
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:240 Resp: 328885

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	26.2	20.6	31.0

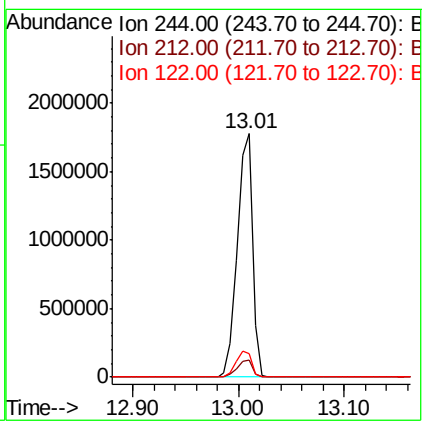


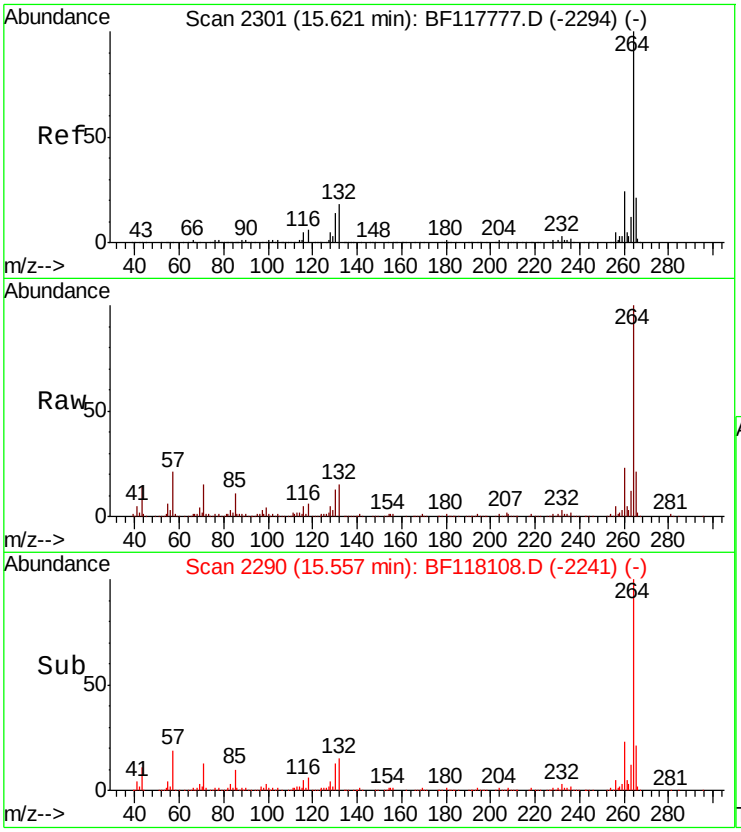


#79
Terphenyl-d14
Concen: 96.742 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Tgt Ion:244 Resp: 1740899

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	9.8	7.2	10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF118108.D
Acq: 5 Dec 2019 17:37

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:264 Resp: 298338

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	21.3	16.4	24.6