Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118101.D
Acq On : 4 Dec 2019 22:11
Operator : JU
Sample : K6098-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C7-GW

Quant Time: Dec 05 03:03:58 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	176654	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	629611	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	337921	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	646187	20.00	ng	0.00
76) Chrysene-d12	14.07	240	415295	20.00	ng	0.00
87) Perylene-d12	15.57	264	439557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1070675	107.28	ng	0.01
7) Phenol-d6	6.50	99	920371	76.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	981733	92.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	616803	172.41	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2014367	106.94	ng	0.00
79) Terphenyl-d14	13.02	244	2530631	111.37	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	27237	2.177	ng	95
50) Dimethylphthalate	9.64	163	354633	14.966	ng	99
52) Acenaphthene	9.96	154	49744	2.582	ng	100

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

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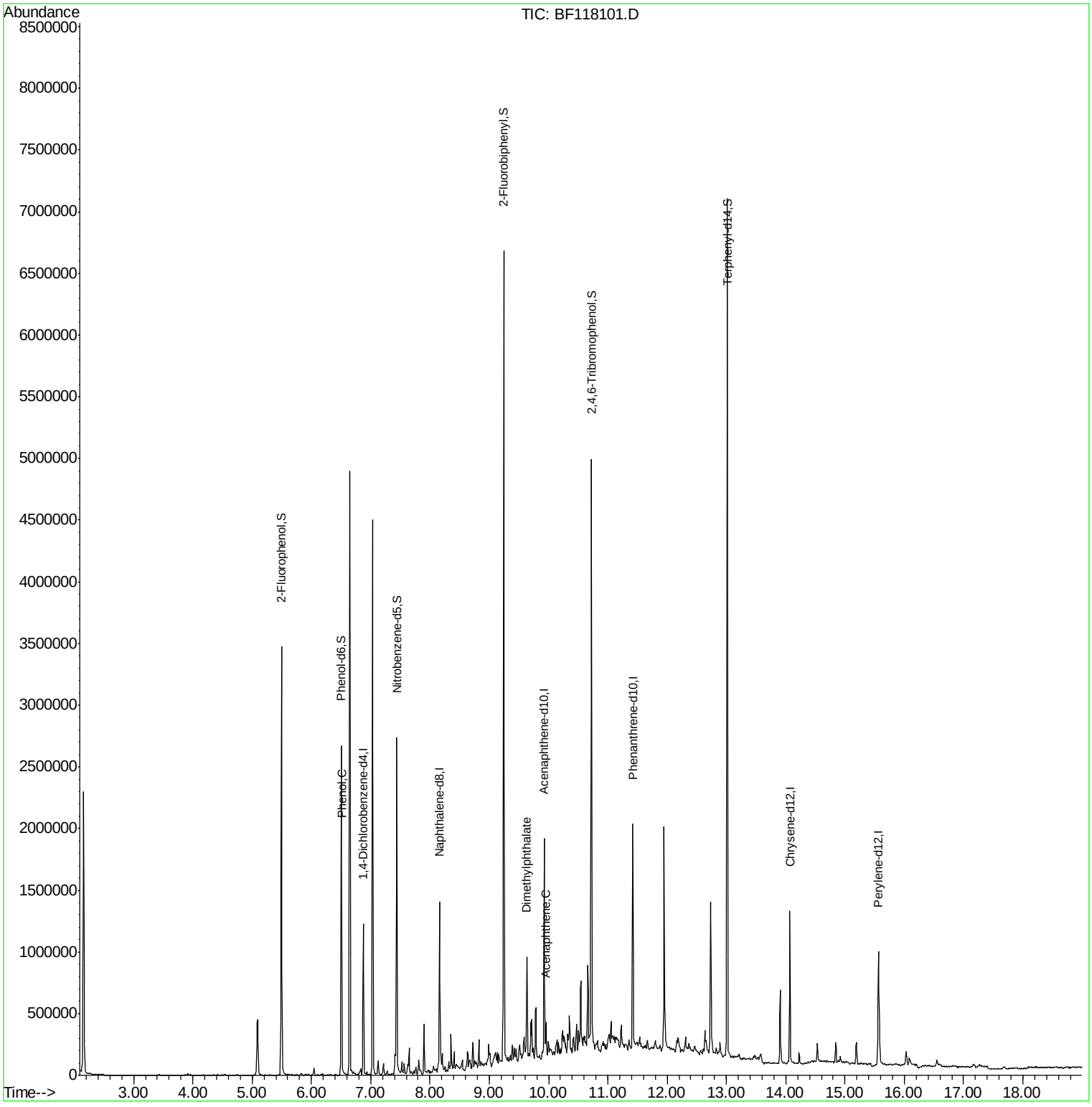
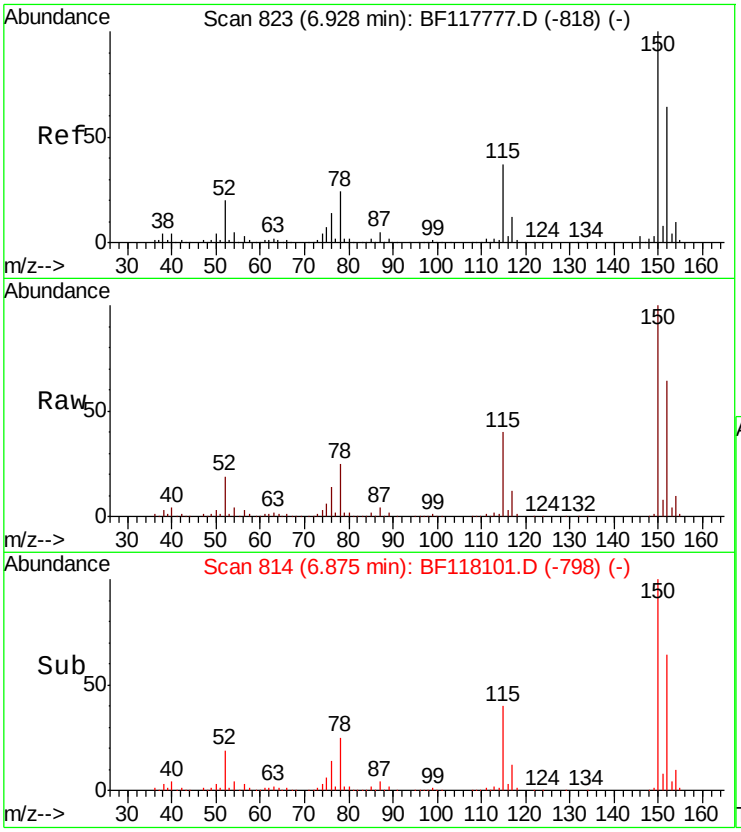


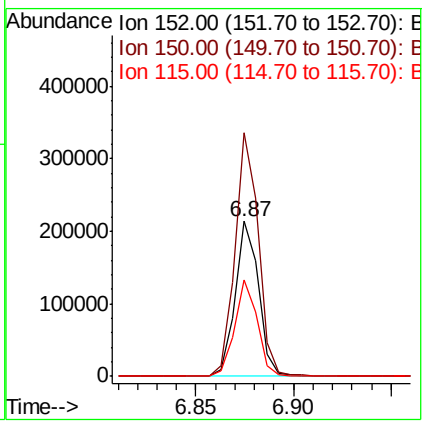


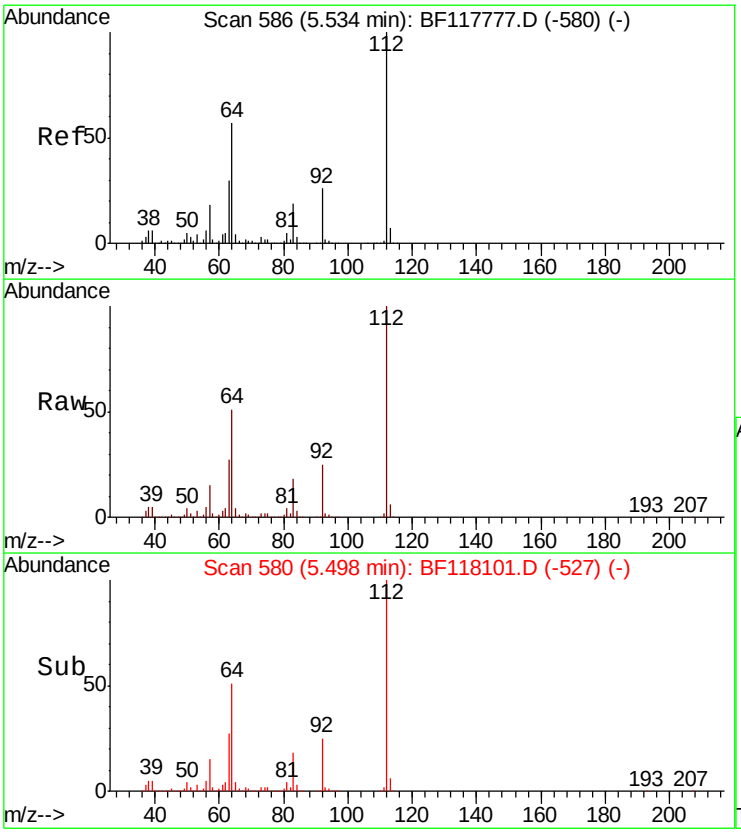
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:152 Resp: 176654

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.4	182.2
115	62.7	48.8	73.2

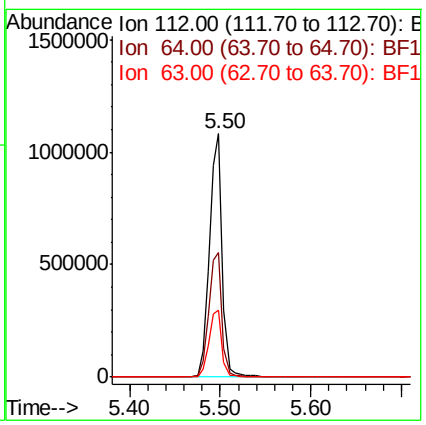


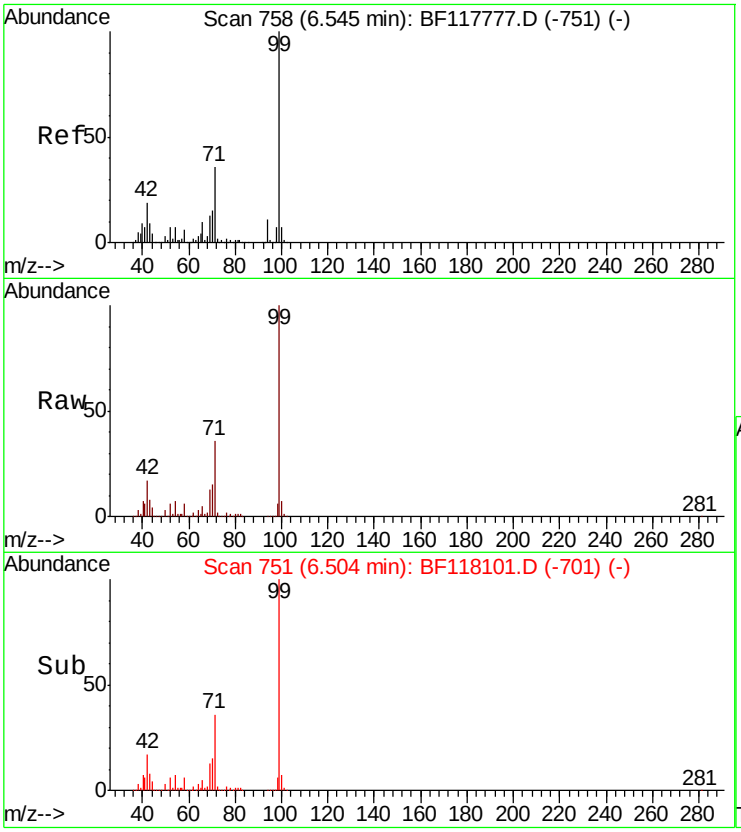


#5
2-Fluorophenol
Concen: 107.284 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:112 Resp: 1070675

Ion	Ratio	Lower	Upper
112	100		
64	51.0	45.1	67.7
63	27.5	24.6	37.0



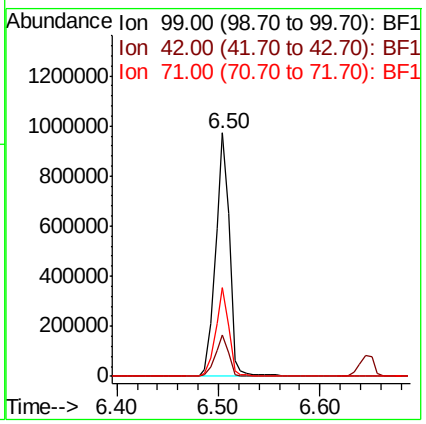


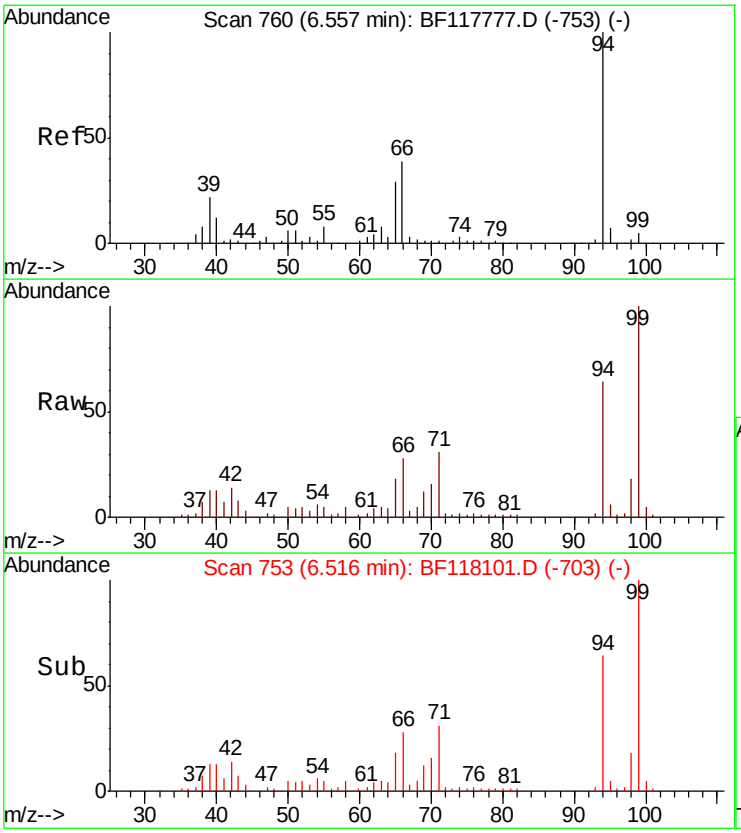
#7
Phenol-d6
Concen: 76.460 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion: 99 Resp: 920371

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.0	21.0
71	36.3	29.2	43.8

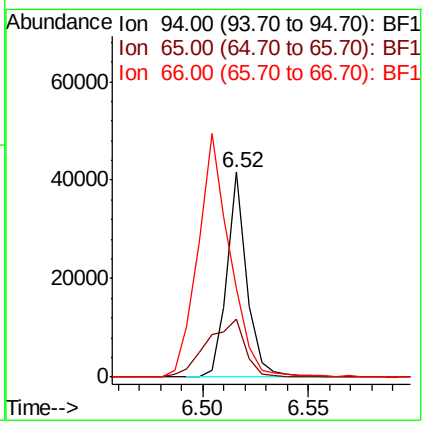


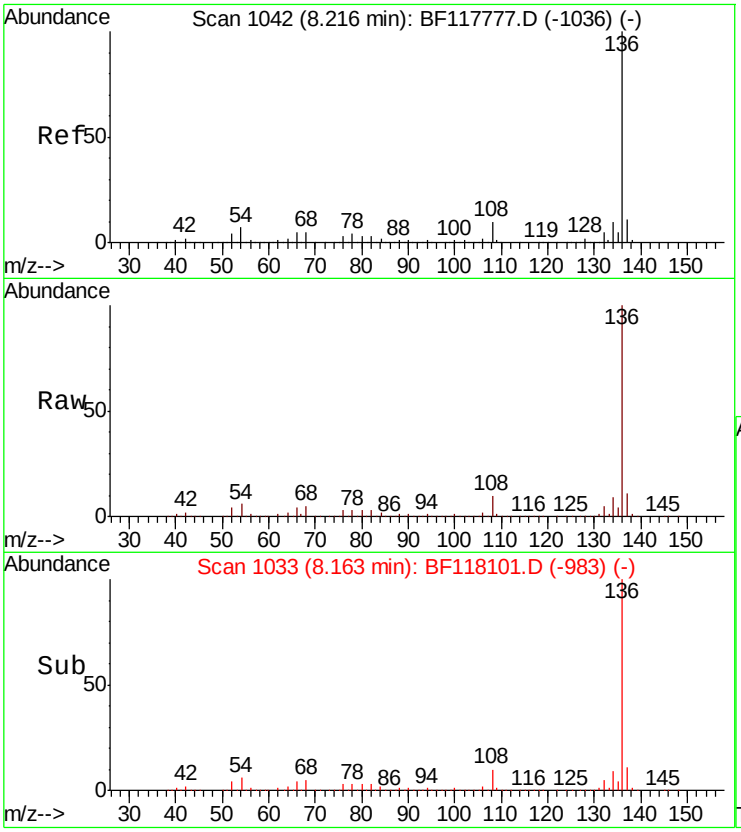


#10
Phenol
Concen: 2.177 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion: 94 Resp: 27237

Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.9	46.9
66	43.2	18.6	58.6



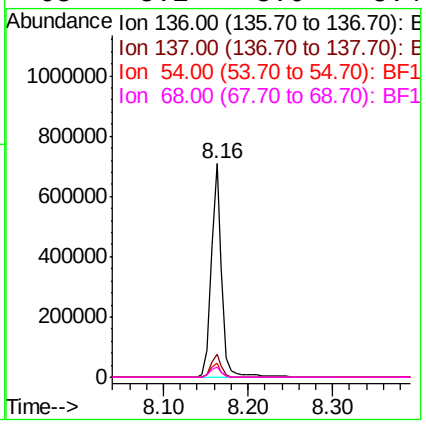


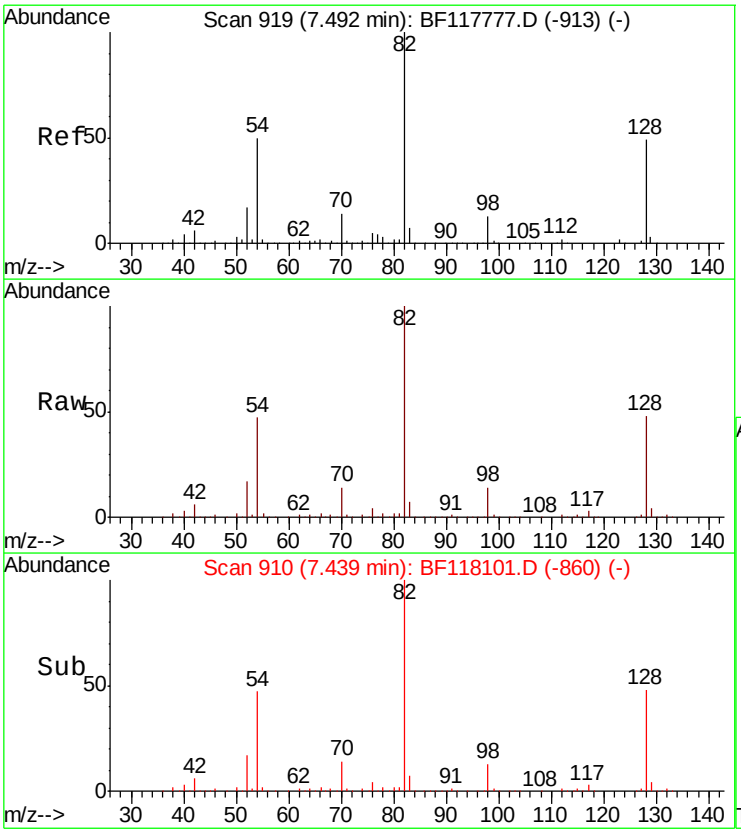
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:136 Resp: 629611

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	4.9	7.3
68	5.1	3.6	5.4

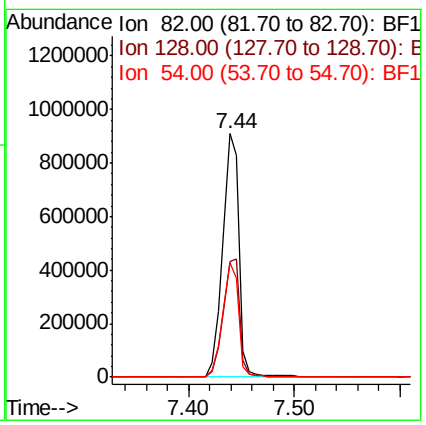


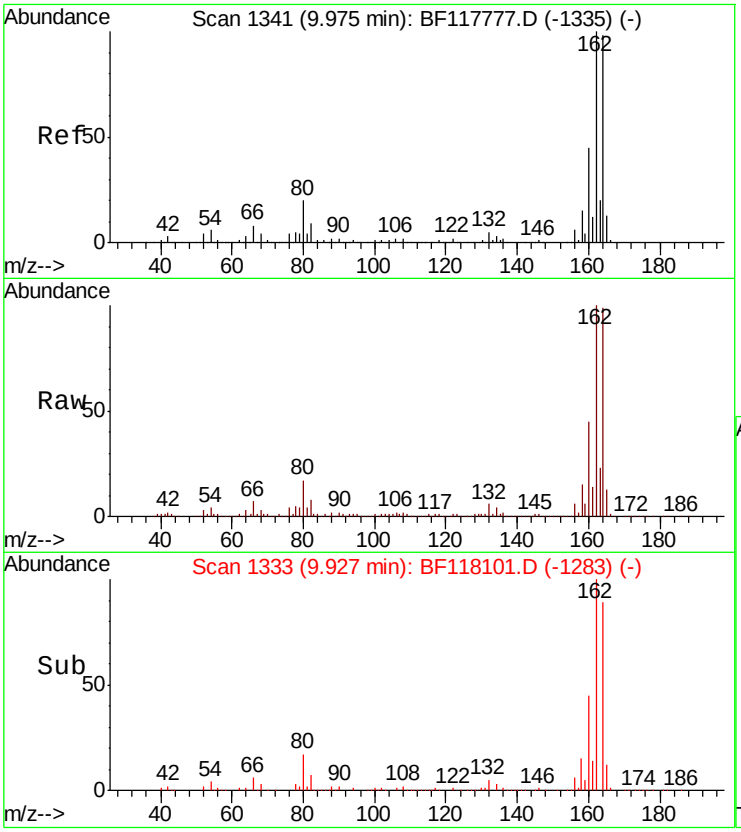


#23
Nitrobenzene-d5
Concen: 92.692 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion: 82 Resp: 981733

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.2	57.4
54	46.7	39.0	58.4



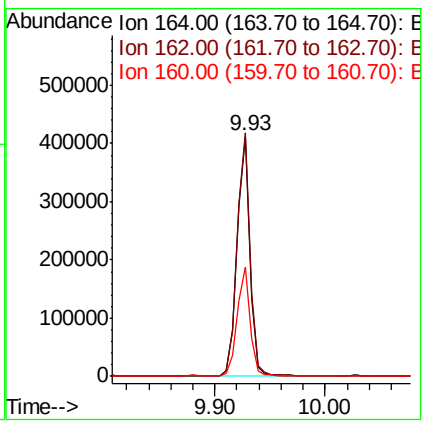


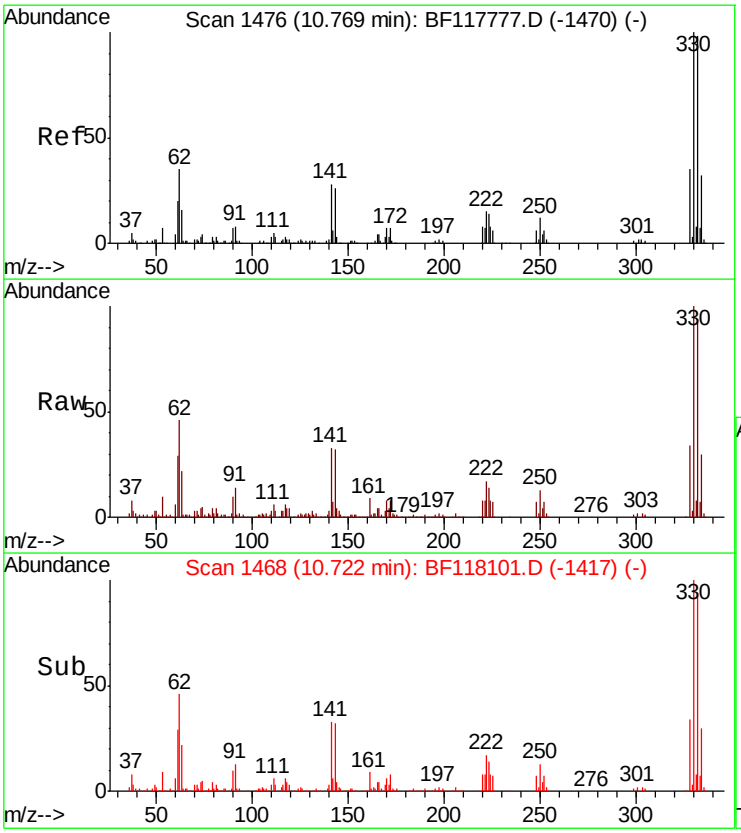
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:164 Resp: 337921

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.8
160	45.3	35.9	53.9

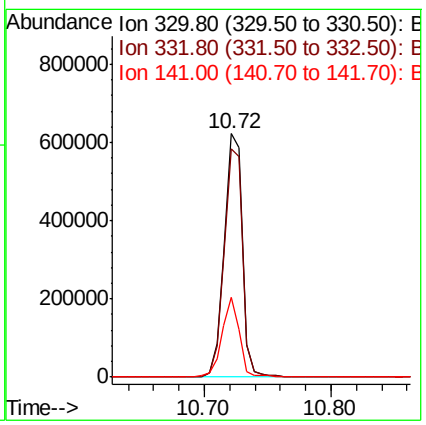


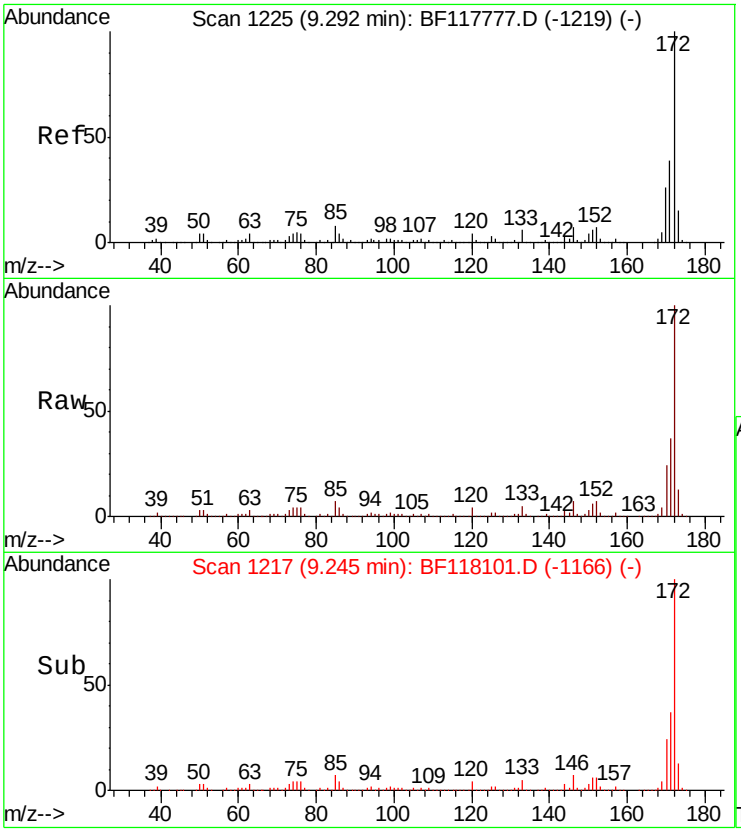


#42
2,4,6-Tribromophenol
Concen: 172.410 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:330 Resp: 616803

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.3	117.5
141	30.7	26.4	39.6



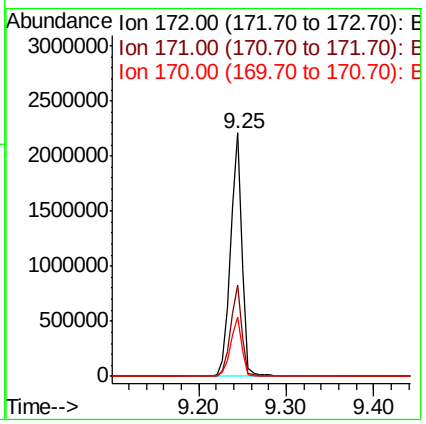


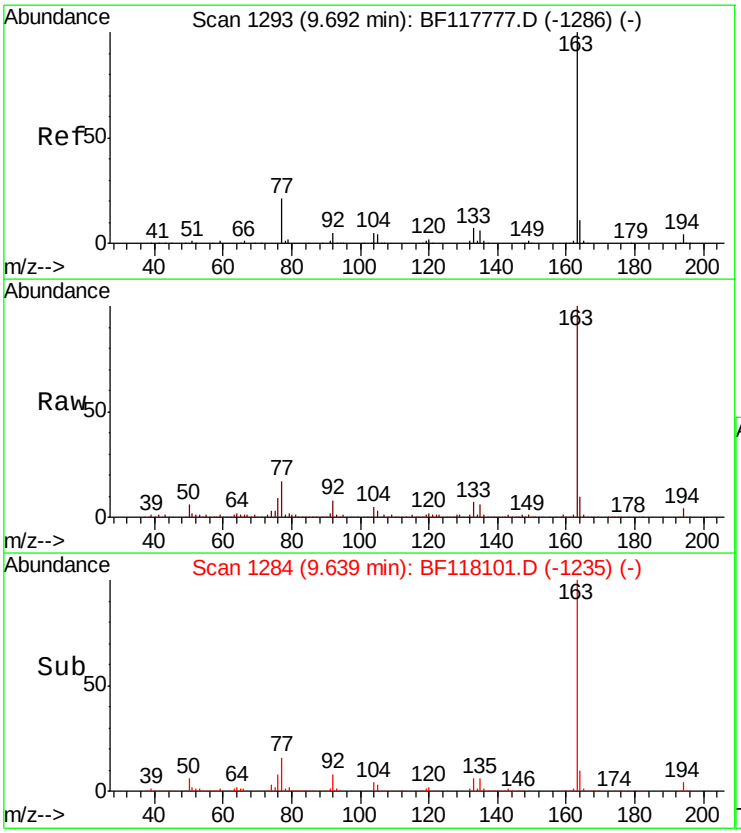
#45
2-Fluorobiphenyl
Concen: 106.943 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:172 Resp: 2014367

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	24.1	19.3	28.9

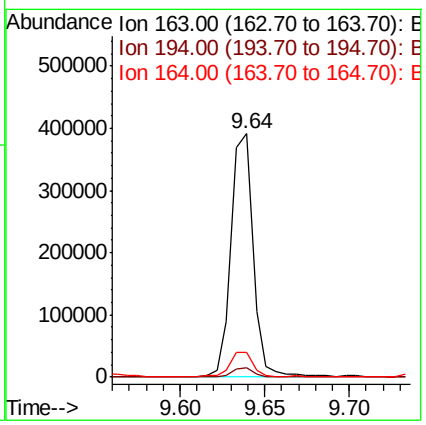


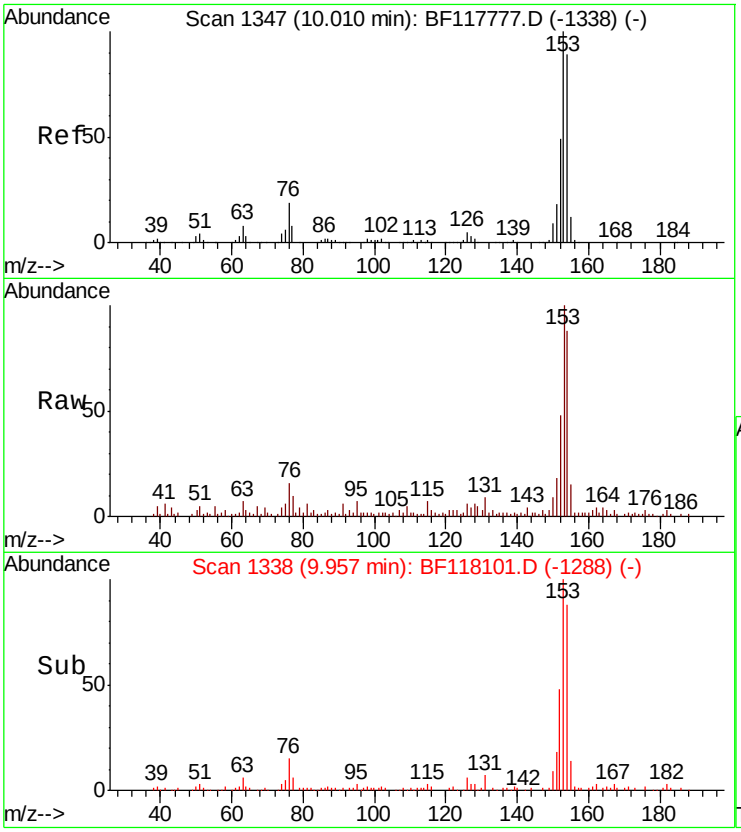


#50
Dimethylphthalate
Concen: 14.966 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:163 Resp: 354633

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.3	7.9	11.9



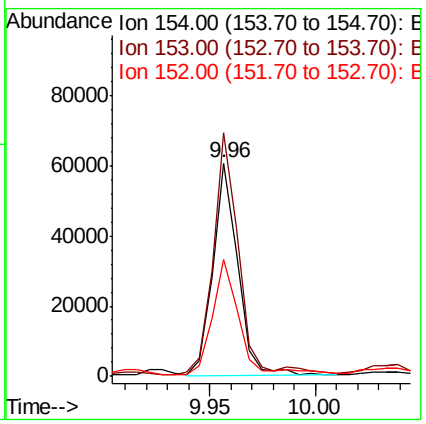


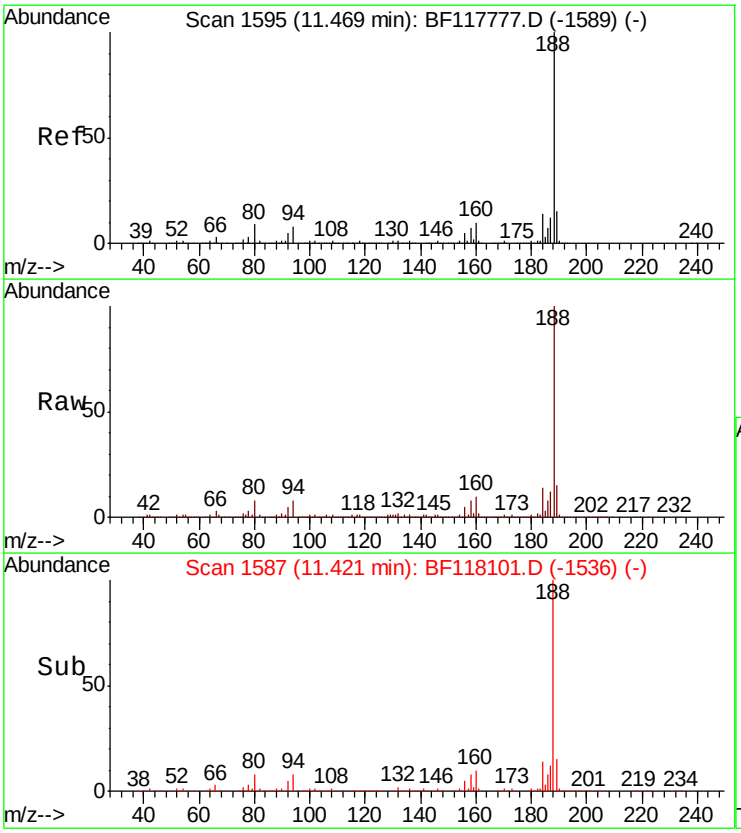
#52
Acenaphthene
Concen: 2.582 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:154 Resp: 49744

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	55.0	43.6	65.4

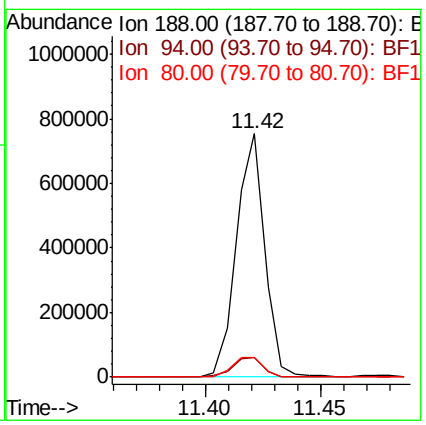


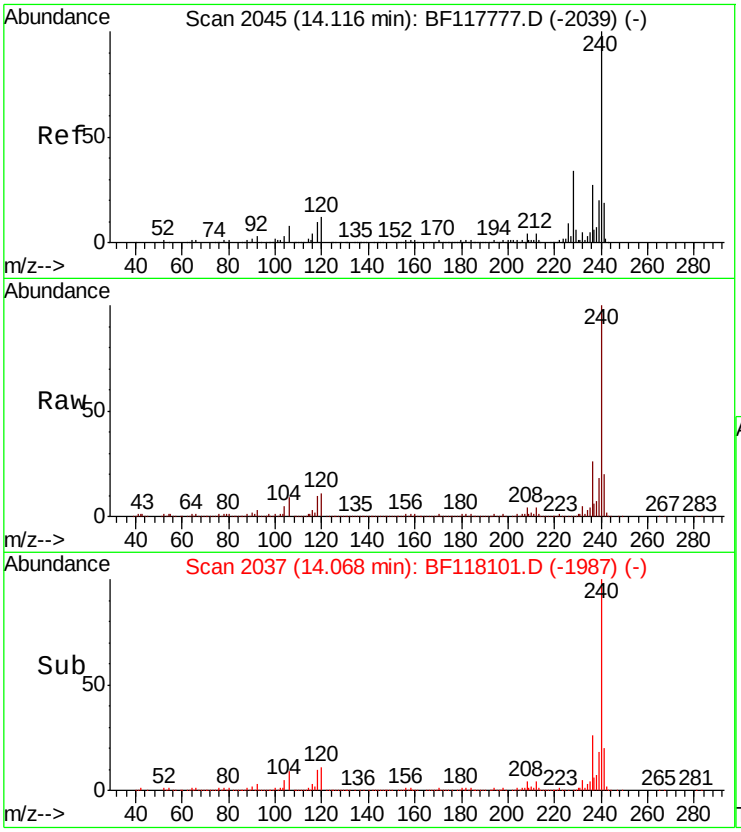


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:188 Resp: 646187

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.6
80	8.3	7.2	10.8



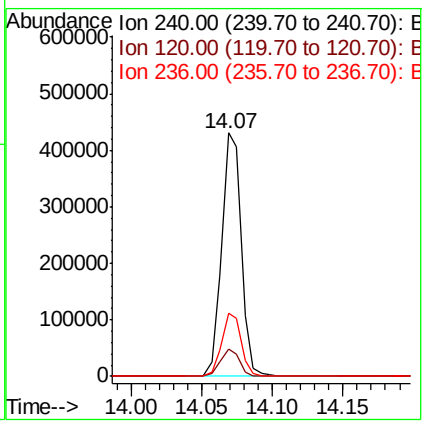


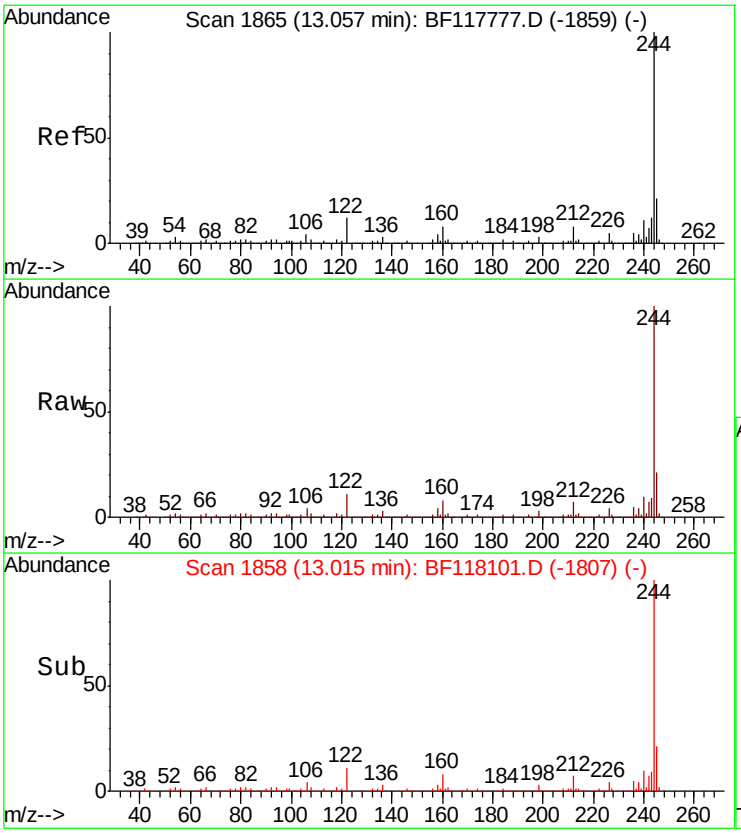
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:240 Resp: 415295

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.4	12.6
236	25.7	20.6	31.0

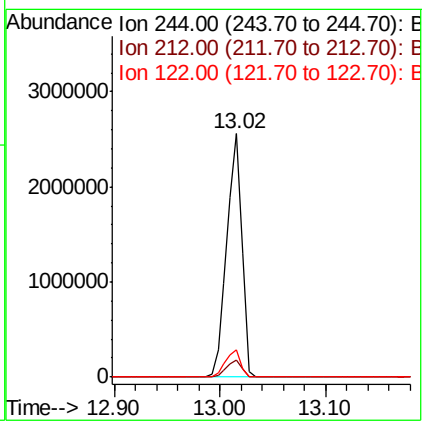


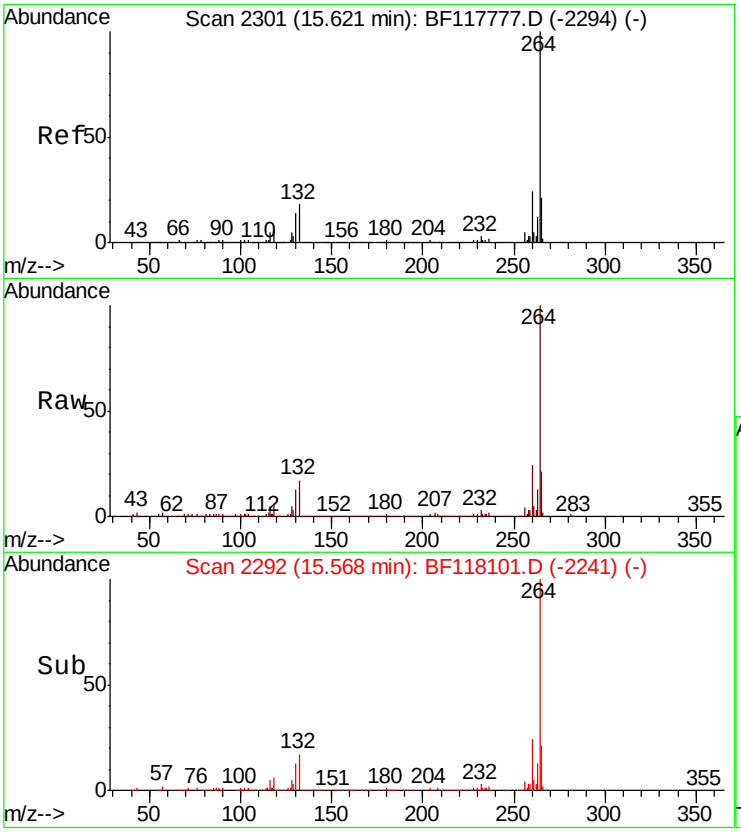


#79
Terphenyl-d14
Concen: 111.367 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Tgt Ion:244 Resp: 2530631

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	11.2	7.2	10.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118101.D
Acq: 4 Dec 2019 22:11

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:264 Resp: 439557

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	16.4	24.6