Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118097.D
Acq On : 4 Dec 2019 20:20
Operator : JU
Sample : K6098-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C2-GW

Quant Time: Dec 05 04:07:19 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	181758	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	649589	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	373400	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	719569	20.00	ng	0.00
76) Chrysene-d12	14.07	240	525822	20.00	ng	0.00
87) Perylene-d12	15.57	264	395224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	525104	51.14	ng	0.01
7) Phenol-d6	6.50	99	466694	37.68	ng	-0.01
23) Nitrobenzene-d5	7.44	82	961985	88.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296739	75.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1882751	90.46	ng	0.00
79) Terphenyl-d14	13.02	244	2431289	84.50	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	351529	13.425	ng	99
52) Acenaphthene	9.96	154	61366	2.883	ng	97

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

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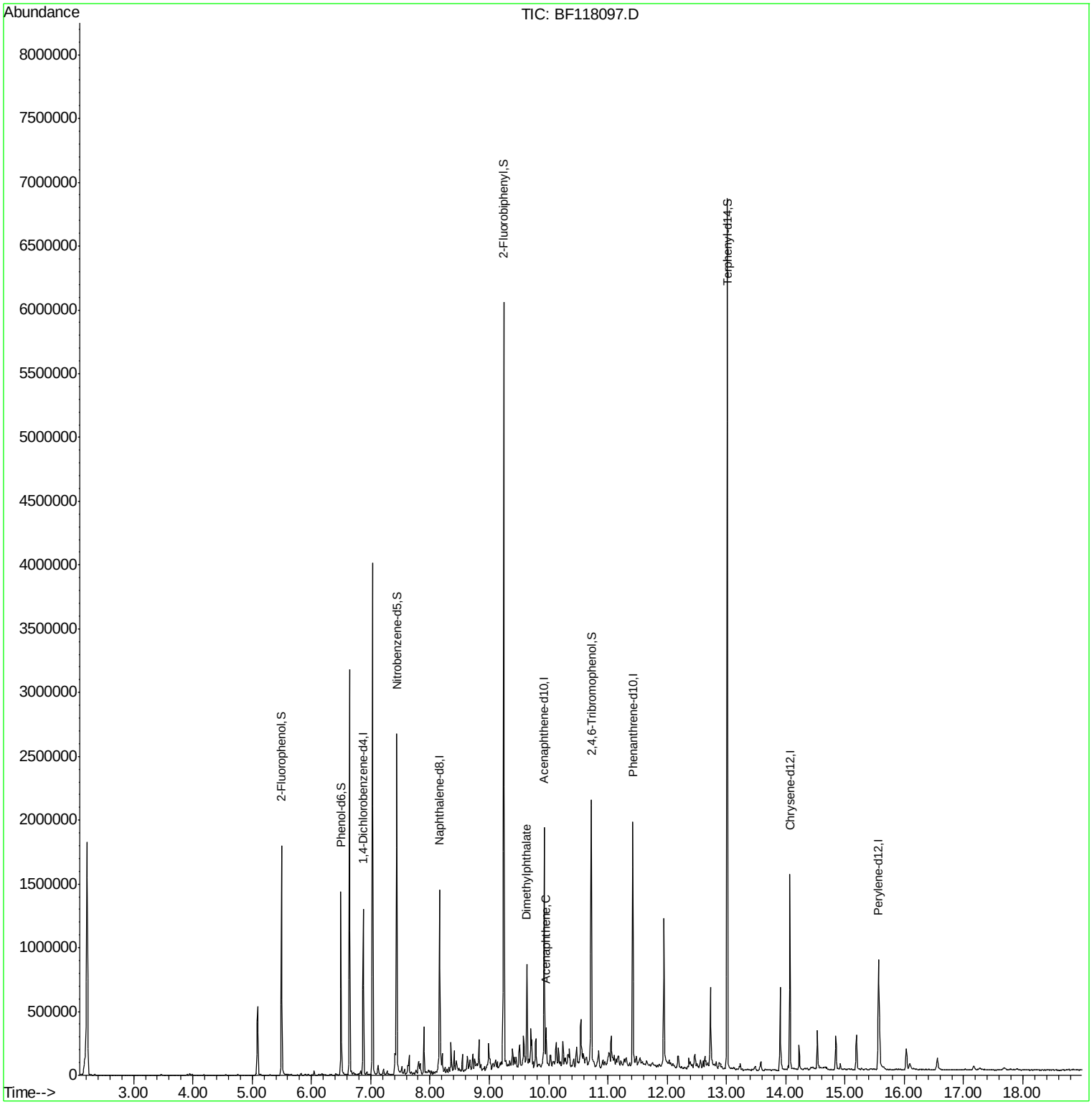
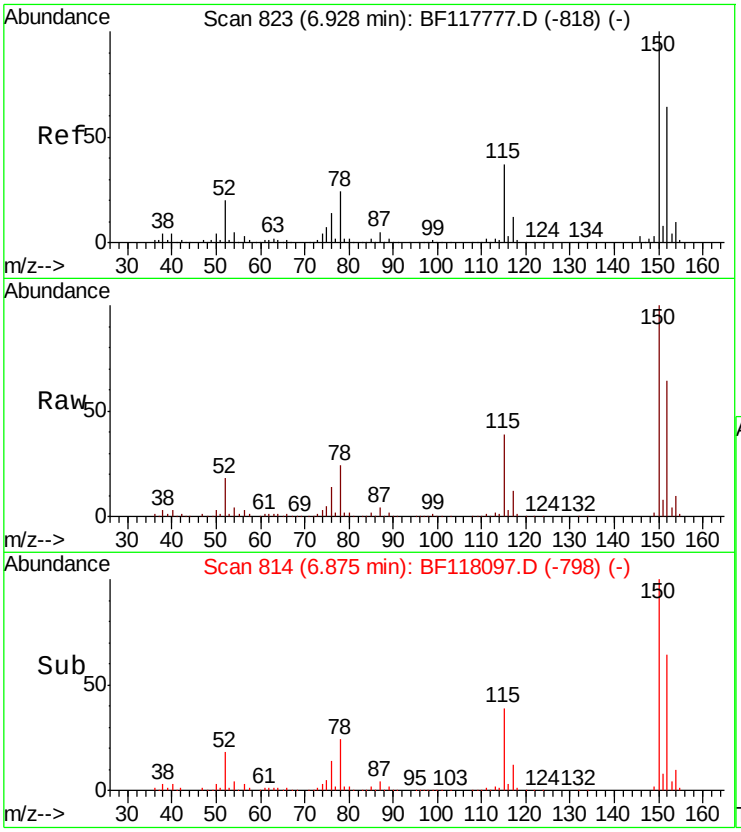


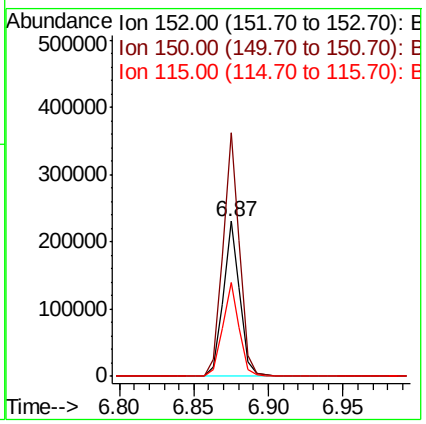


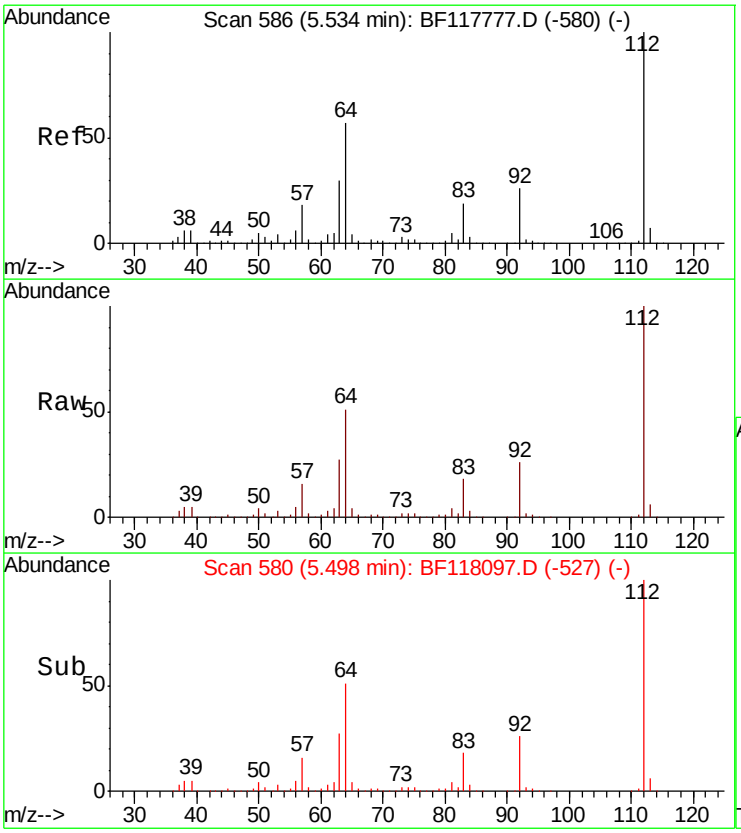
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:152 Resp: 181758

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.4	182.2
115	60.6	48.8	73.2

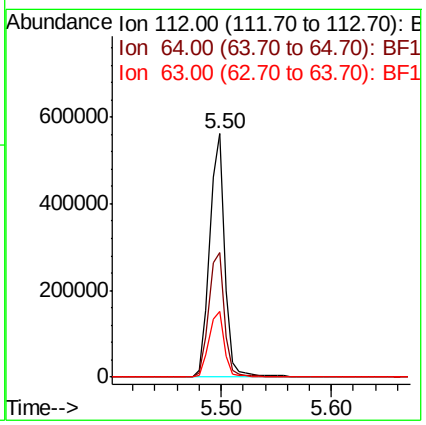


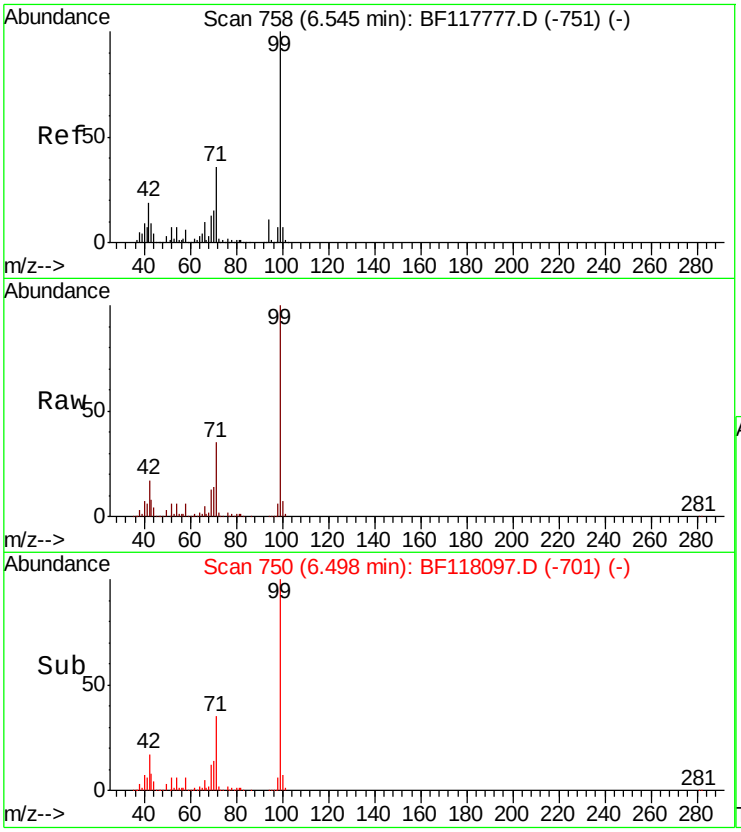


#5
2-Fluorophenol
Concen: 51.139 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:112 Resp: 525104

Ion	Ratio	Lower	Upper
112	100		
64	51.1	45.1	67.7
63	27.0	24.6	37.0



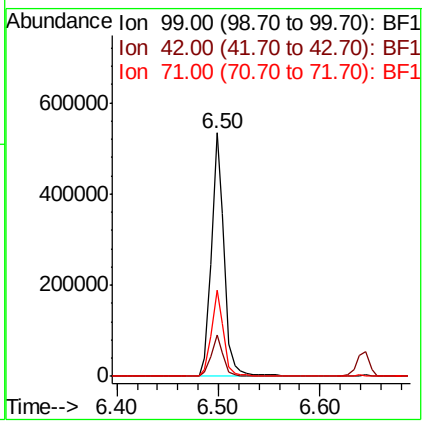


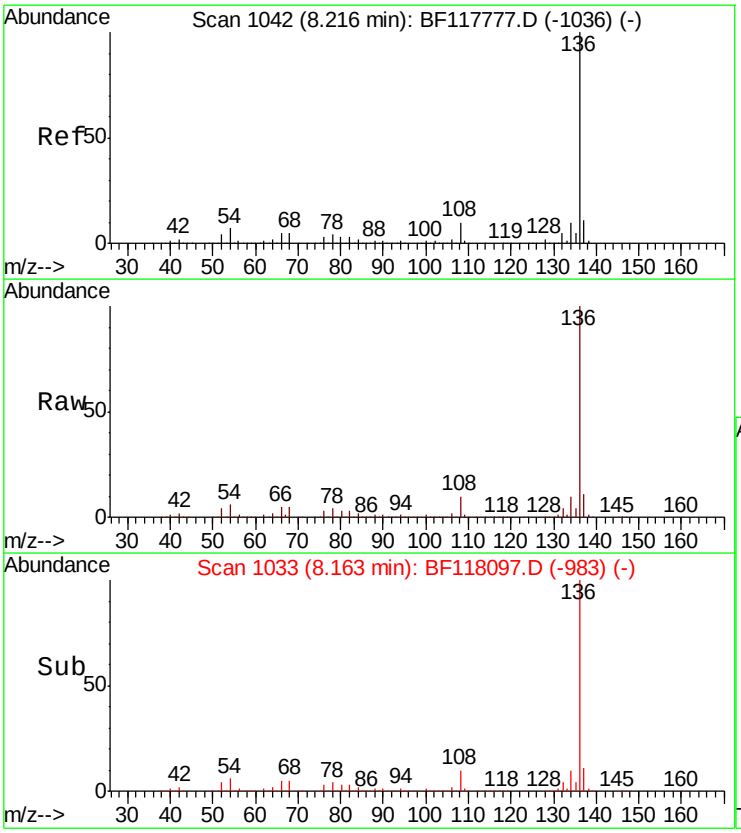
#7
Phenol-d6
Concen: 37.682 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion: 99 Resp: 466694

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.0	21.0
71	35.2	29.2	43.8

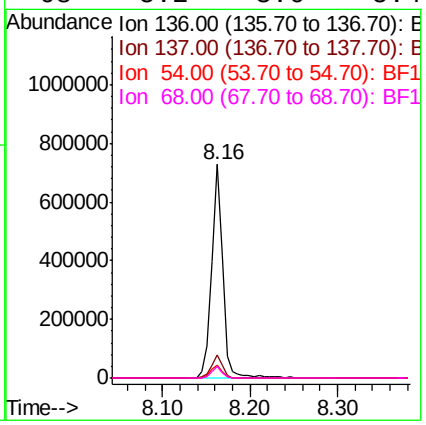


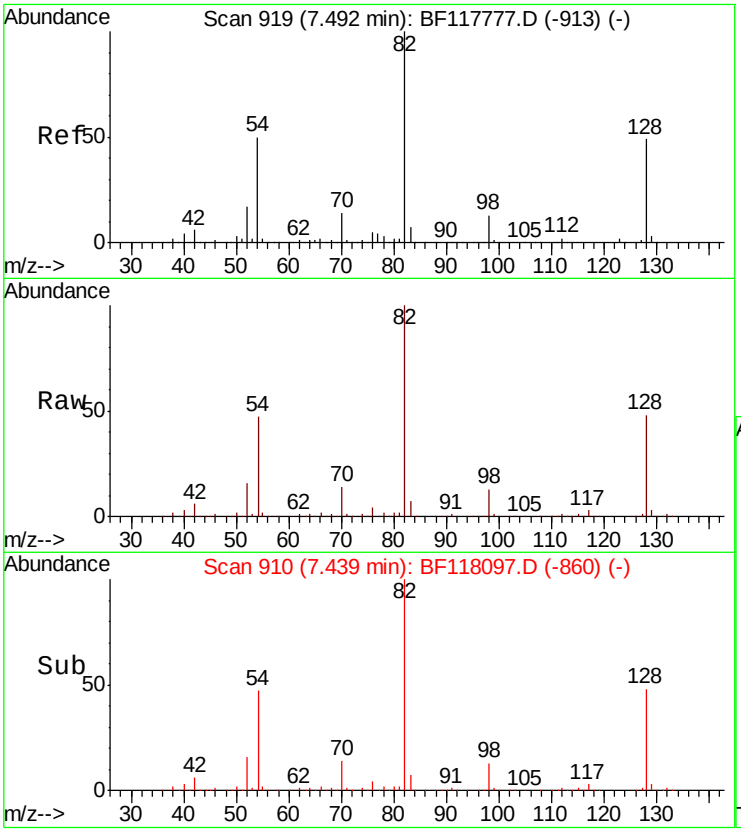


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:136 Resp: 649589

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	4.9	7.3
68	5.2	3.6	5.4



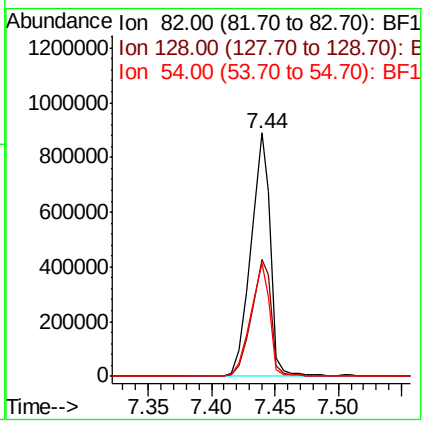


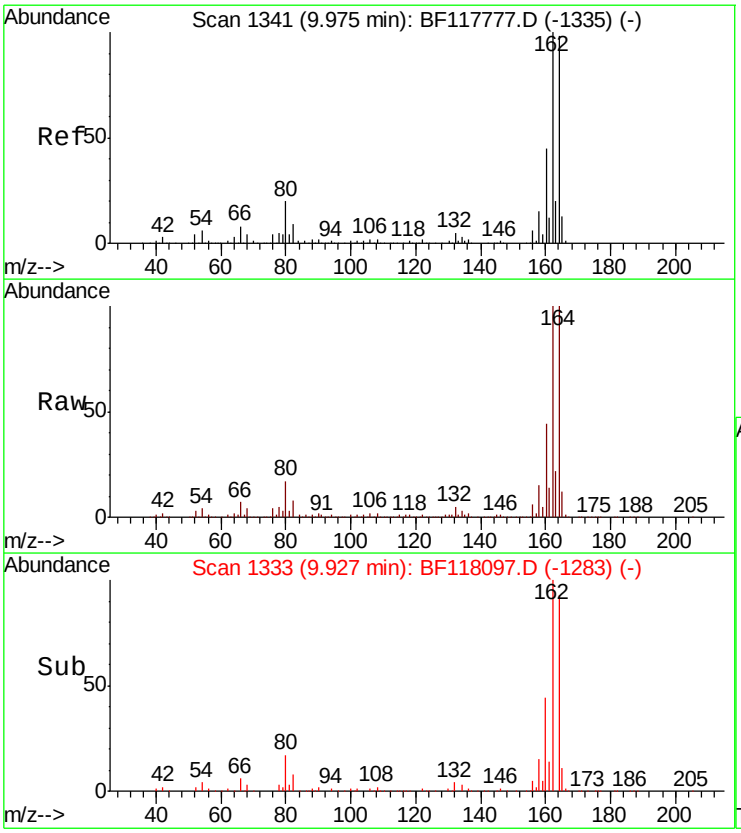
#23
Nitrobenzene-d5
Concen: 88.034 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion: 82 Resp: 961985

Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.2	57.4
54	46.6	39.0	58.4

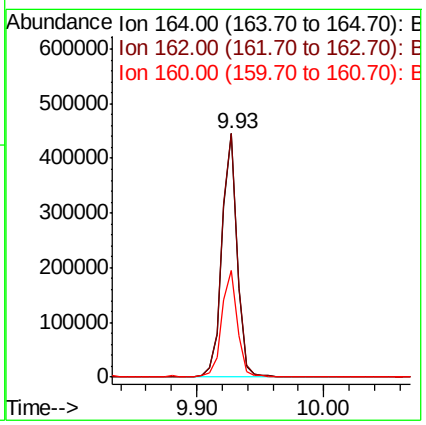


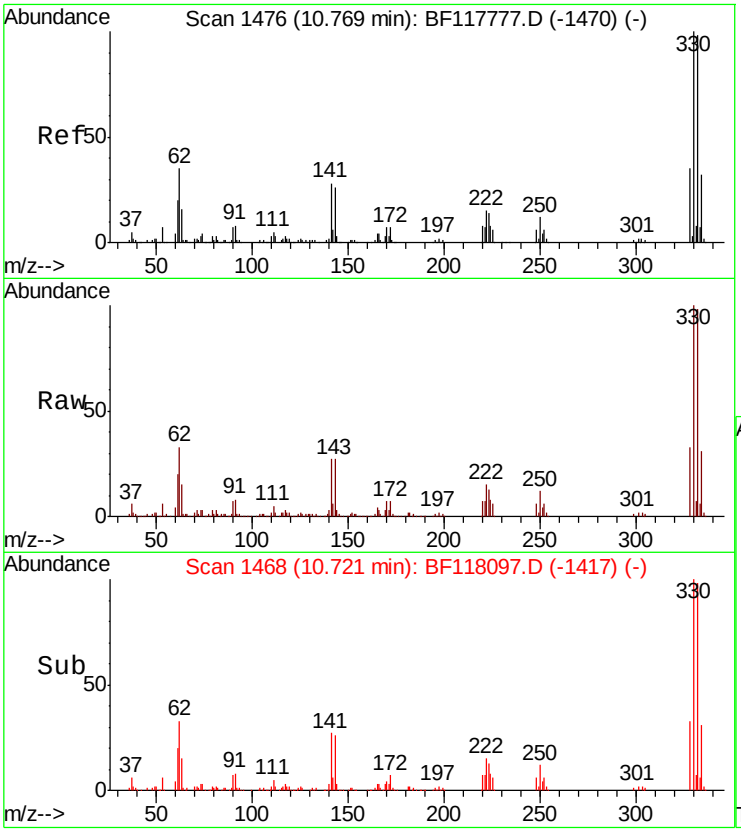


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:164 Resp: 373400

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.8
160	43.9	35.9	53.9



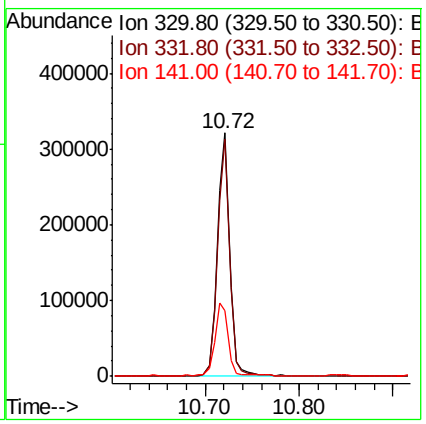


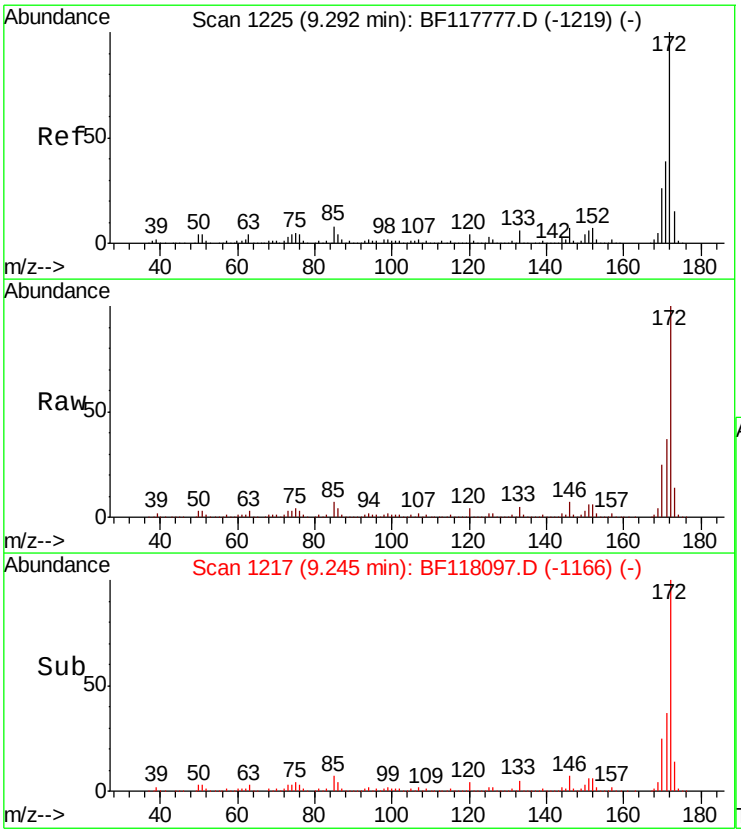
#42
2,4,6-Tribromophenol
Concen: 75.064 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:330 Resp: 296739

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.3	117.5
141	32.7	26.4	39.6

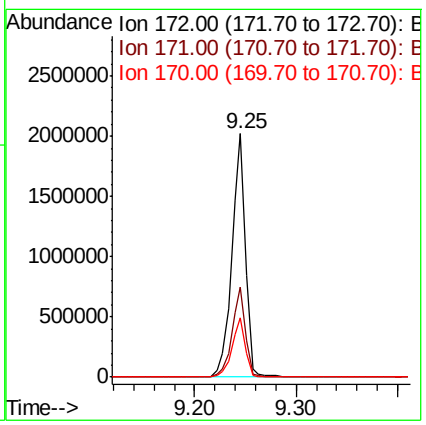


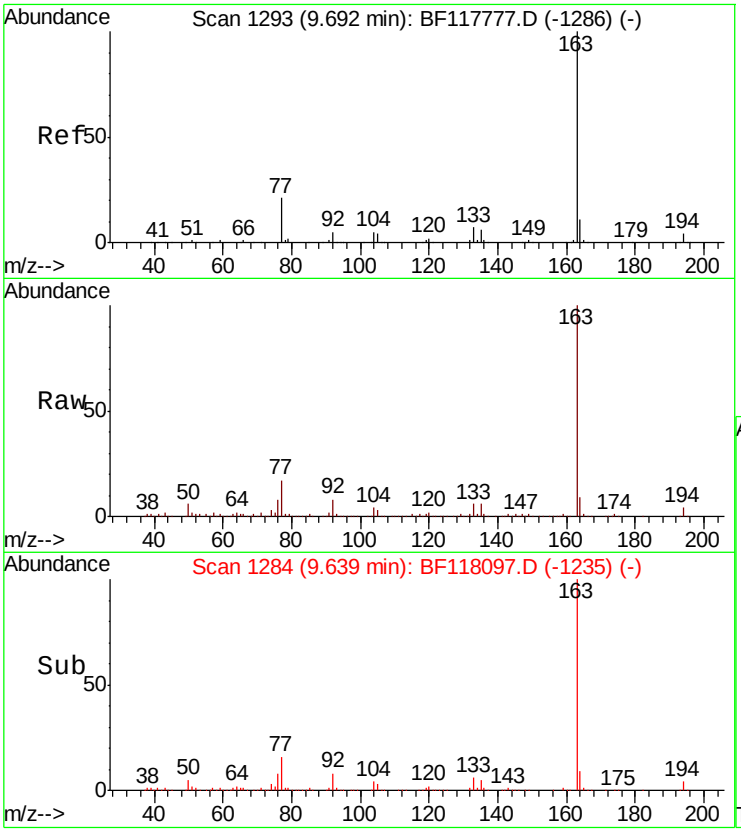


#45
2-Fluorobiphenyl
Concen: 90.459 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:172 Resp: 1882751

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.2	43.8
170	24.5	19.3	28.9



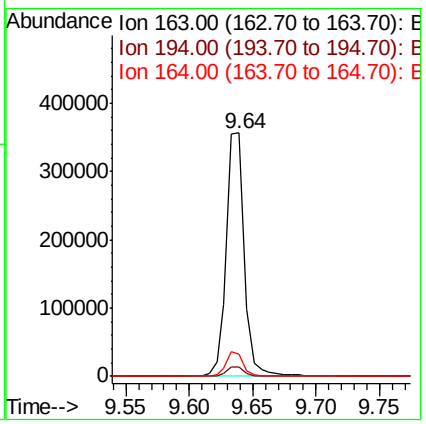


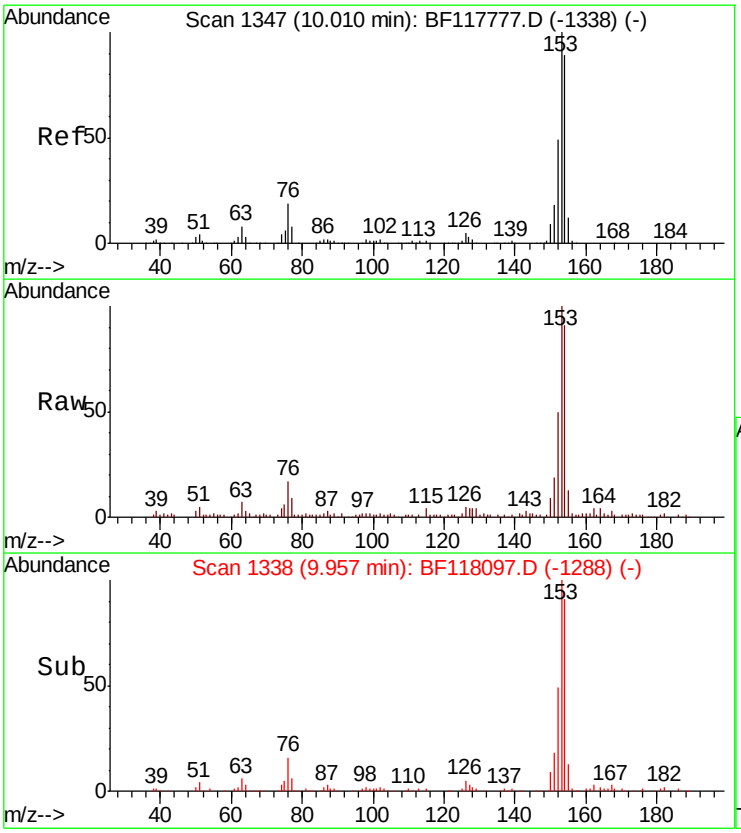
#50
Dimethylphthalate
Concen: 13.425 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:163 Resp: 351529

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.4	7.9	11.9

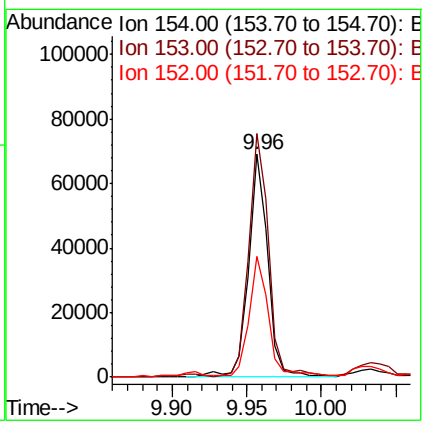


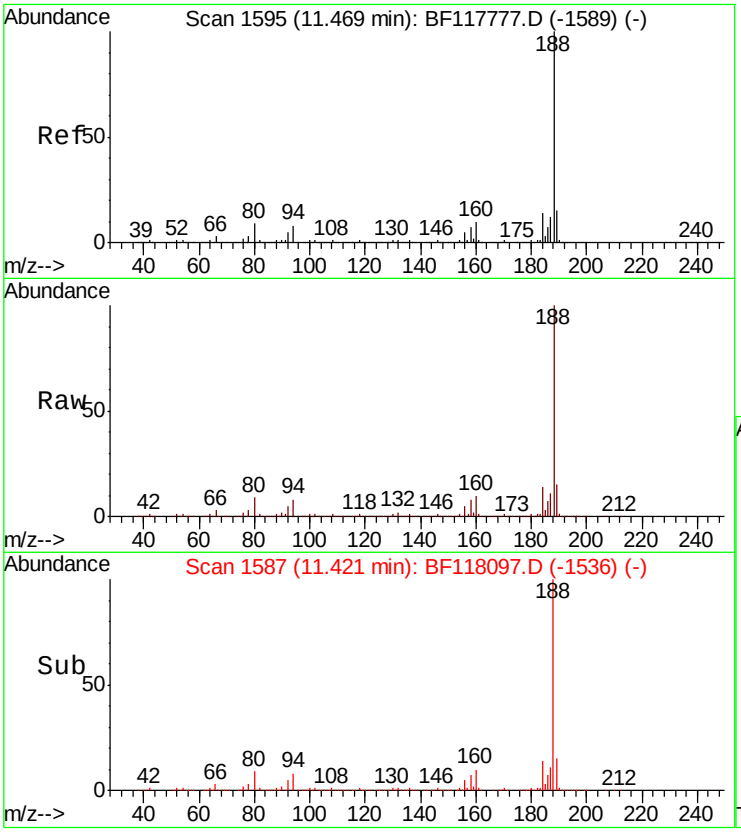


#52
Acenaphthene
Concen: 2.883 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:154 Resp: 61366

Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.2	136.8
152	54.5	43.6	65.4



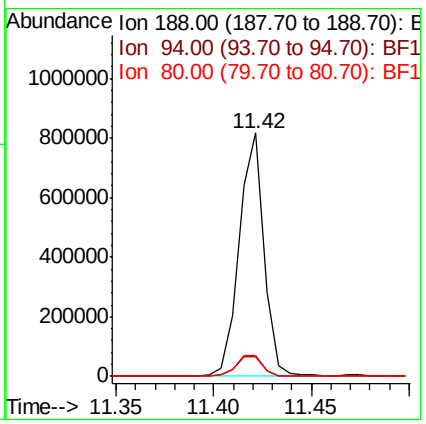


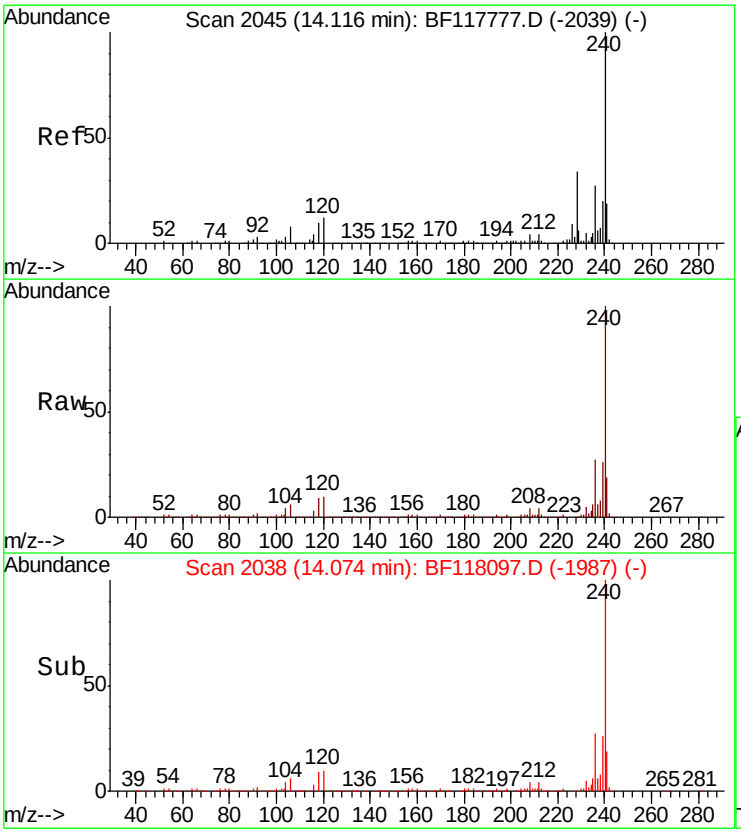
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:188 Resp: 719569

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	8.6	7.2	10.8

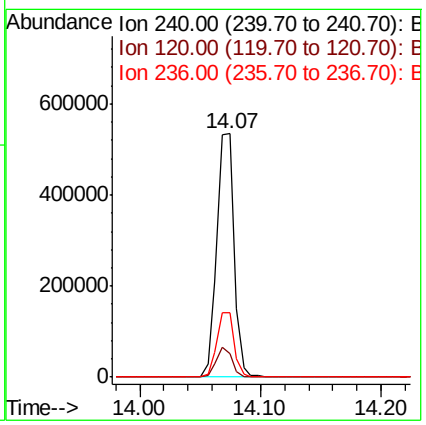


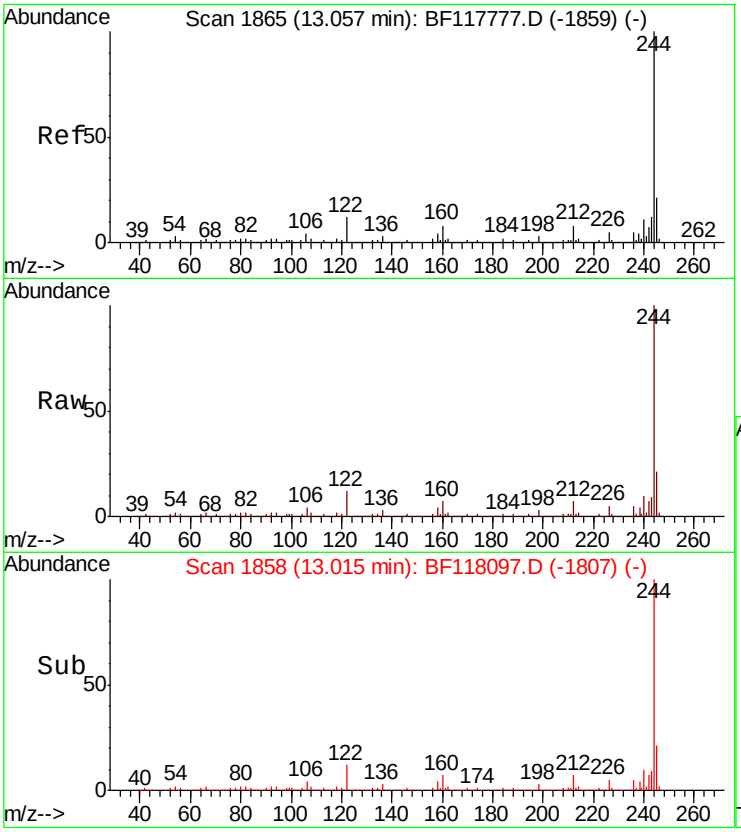


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:240 Resp: 525822

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.5	20.6	31.0



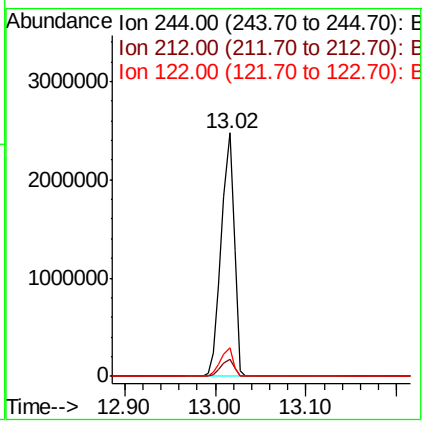


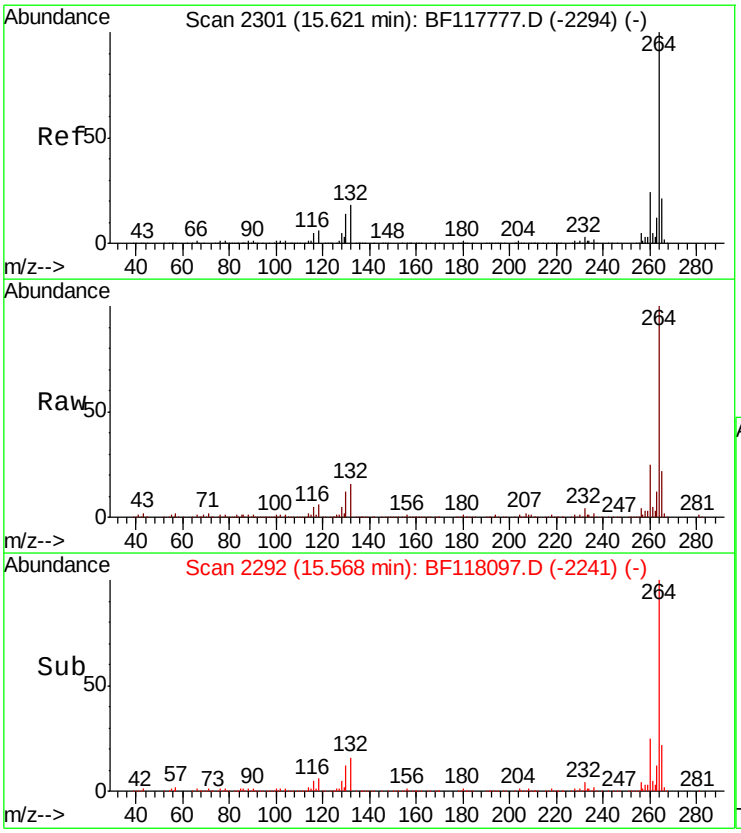
#79
Terphenyl-d14
Concen: 84.505 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tgt Ion:244 Resp: 2431289

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.2	7.8
122	11.6	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: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion:264 Resp: 395224

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.9	16.4	24.6