Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118130.D
Acq On : 7 Dec 2019 15:44
Operator : JU
Sample : K6141-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CMJ-01-COMP

Quant Time: Dec 09 06:56:20 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	6.86	152	130986	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	516880	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	283858	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	545084	20.00	ng	0.00
76) Chrysene-d12	14.06	240	385592	20.00	ng	-0.01
87) Perylene-d12	15.54	264	340102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1000624	133.80	ng	0.00
7) Phenol-d6	6.50	99	1271034	140.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	741742	80.73	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	412886	119.73	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1429015	76.60	ng	0.00
79) Terphenyl-d14	13.00	244	1881964	83.93	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.51	94	33209	3.219	ng	99
50) Dimethylphthalate	9.62	163	150774	7.191	ng	100

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

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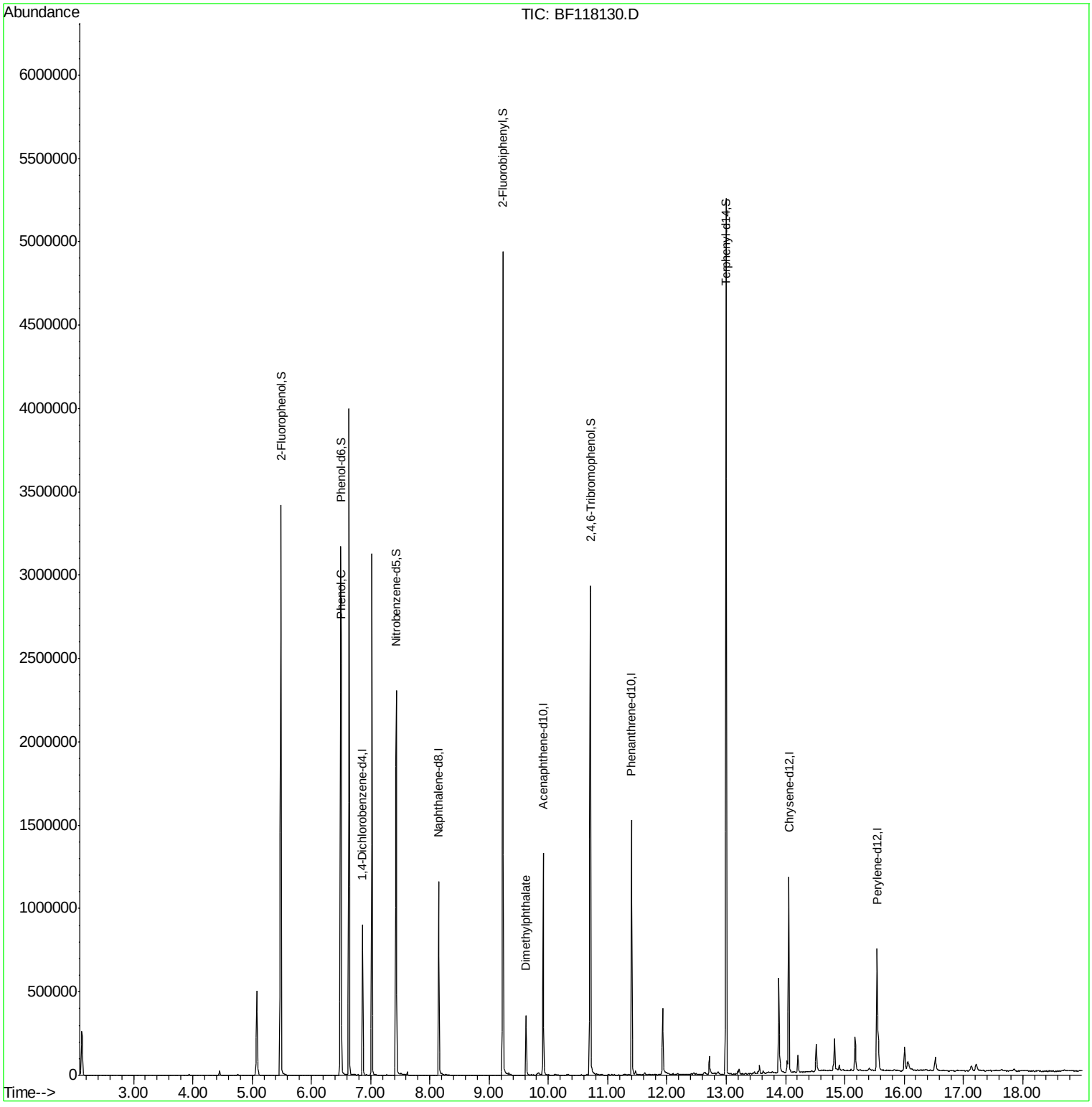
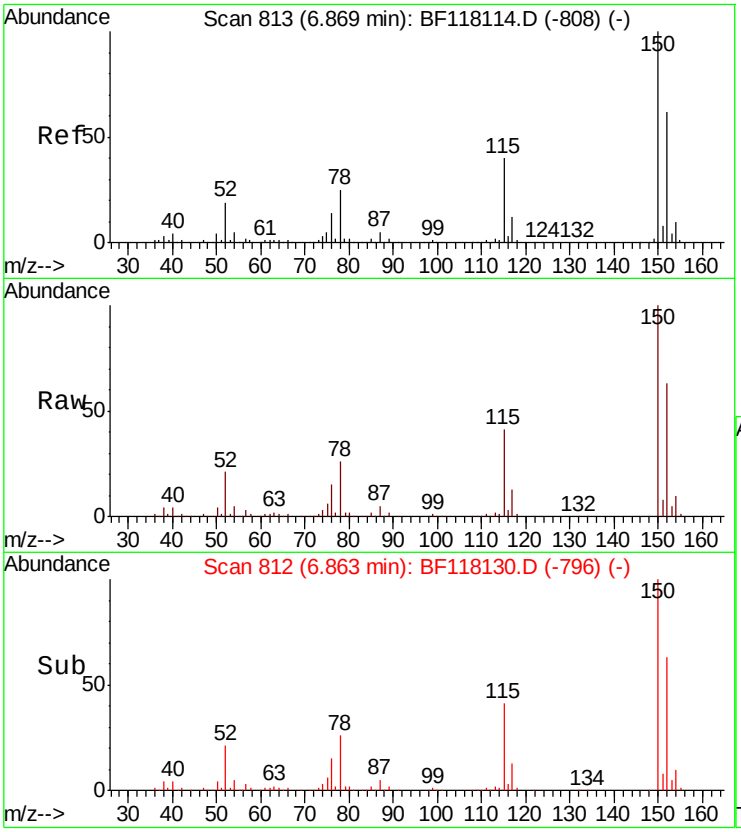


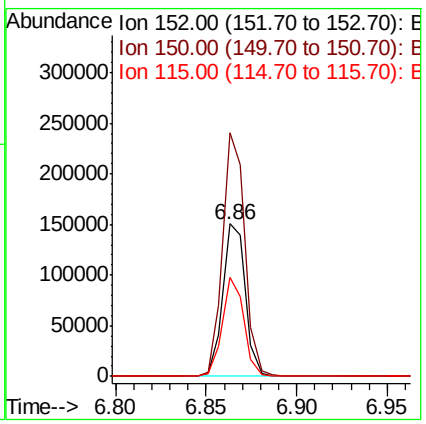


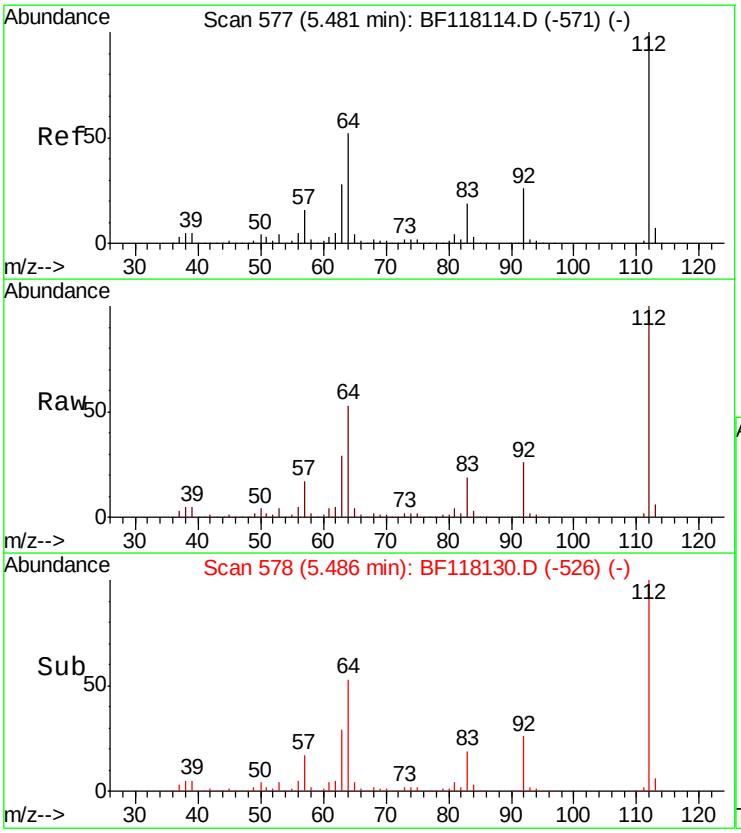
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:152 Resp: 130986

Ion	Ratio	Lower	Upper
152	100		
150	159.8	128.3	192.5
115	65.2	51.1	76.7

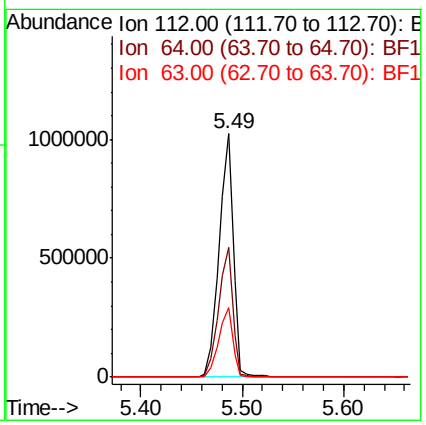


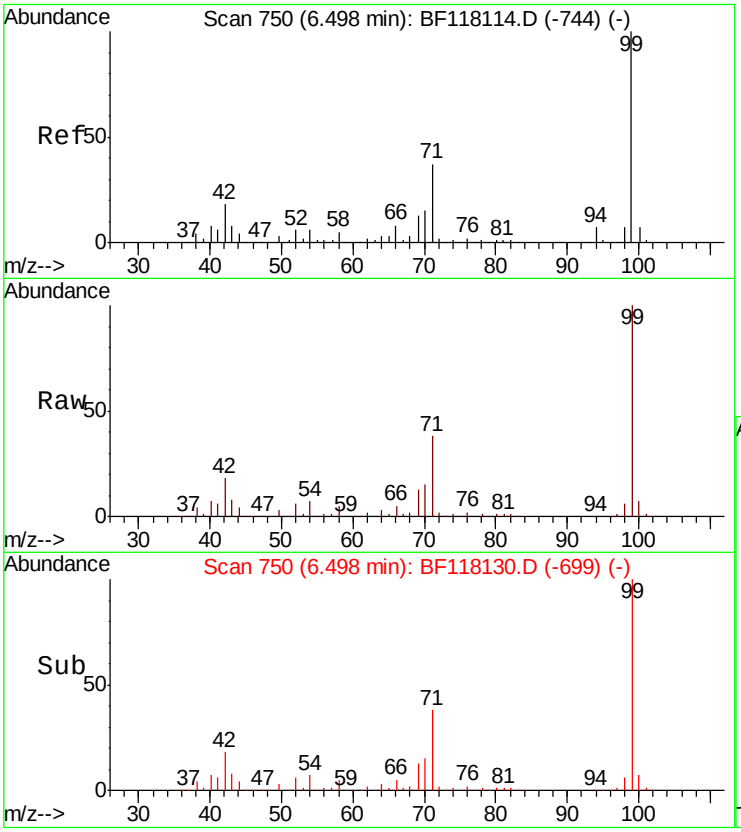


#5
2-Fluorophenol
Concen: 133.797 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion:112 Resp: 1000624

Ion	Ratio	Lower	Upper
112	100		
64	53.5	41.3	61.9
63	28.8	22.4	33.6



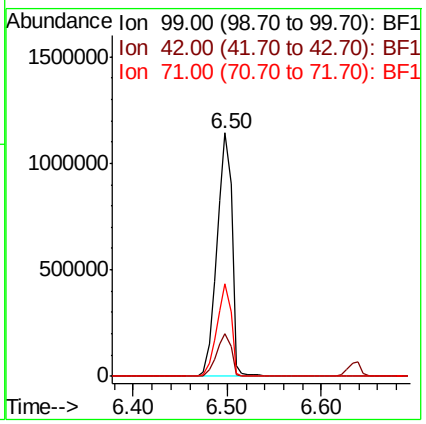


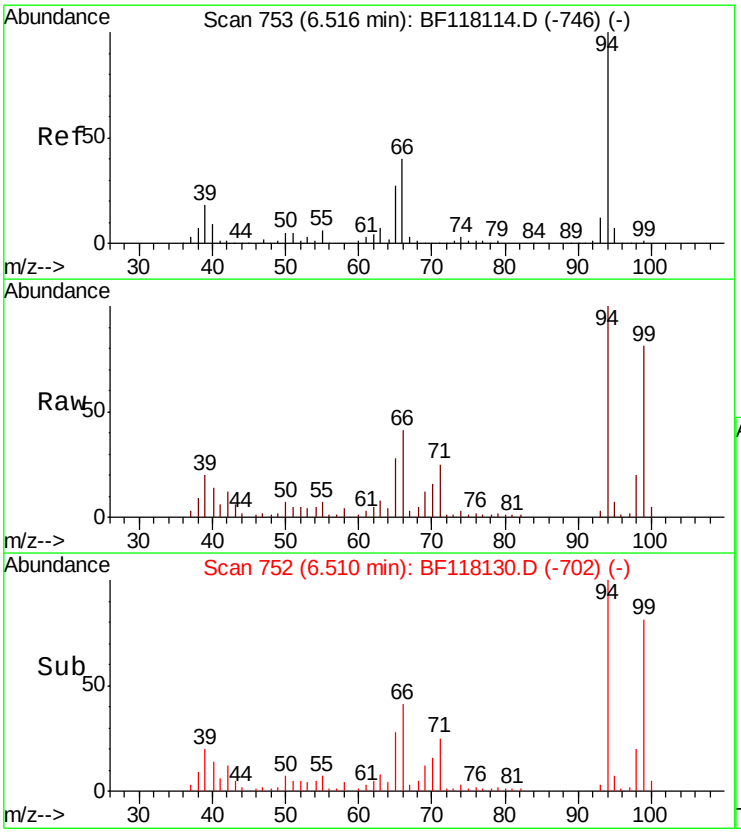
#7
Phenol-d6
Concen: 140.513 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion: 99 Resp: 1271034

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	37.8	29.7	44.5

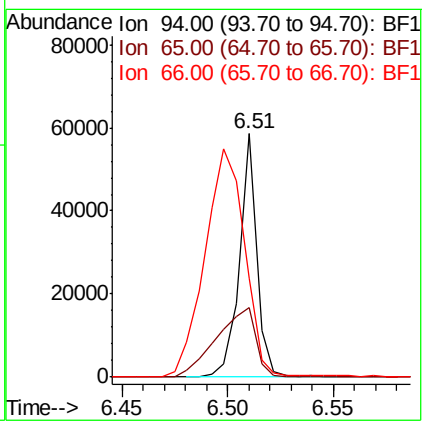


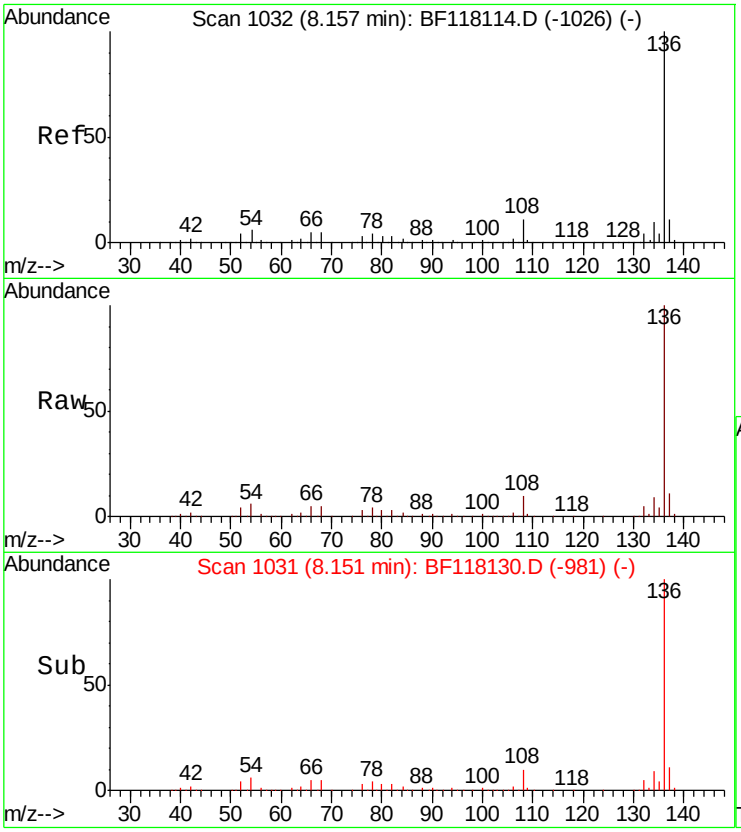


#10
Phenol
Concen: 3.219 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion: 94 Resp: 33209

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.3	47.3
66	40.6	20.2	60.2



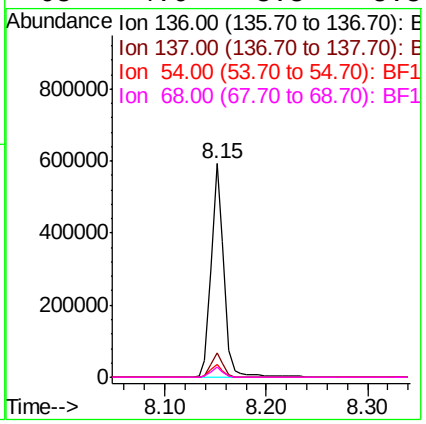


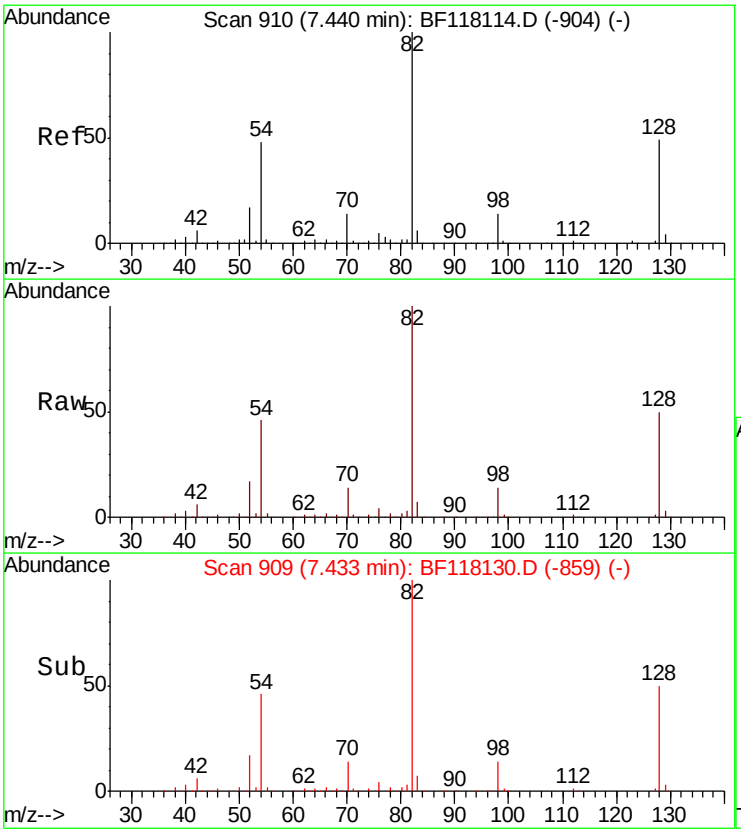
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:136 Resp: 516880

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.2	5.0	7.6
68	4.6	3.8	5.8

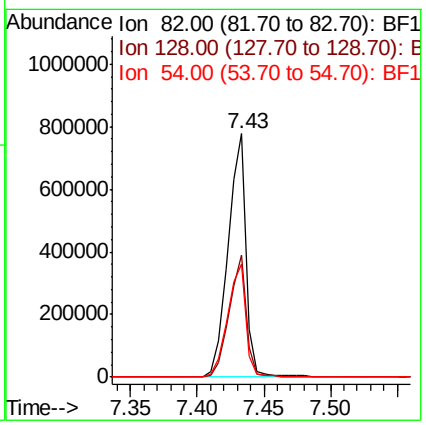


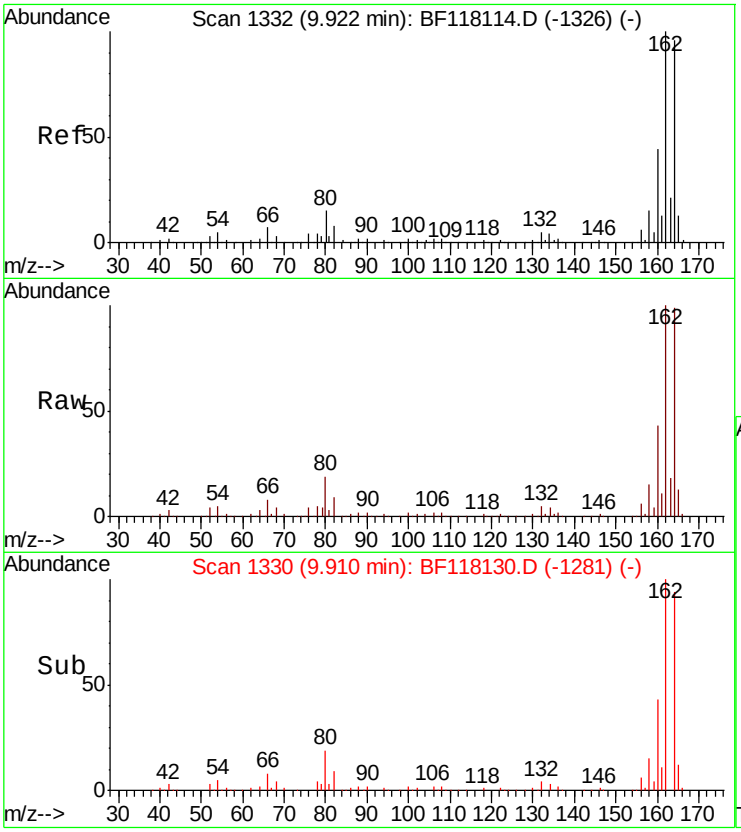


#23
Nitrobenzene-d5
Concen: 80.732 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion: 82 Resp: 741742

Ion	Ratio	Lower	Upper
82	100		
128	50.1	39.1	58.7
54	46.4	38.2	57.2



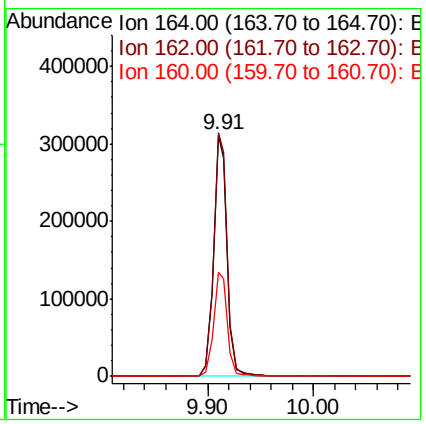


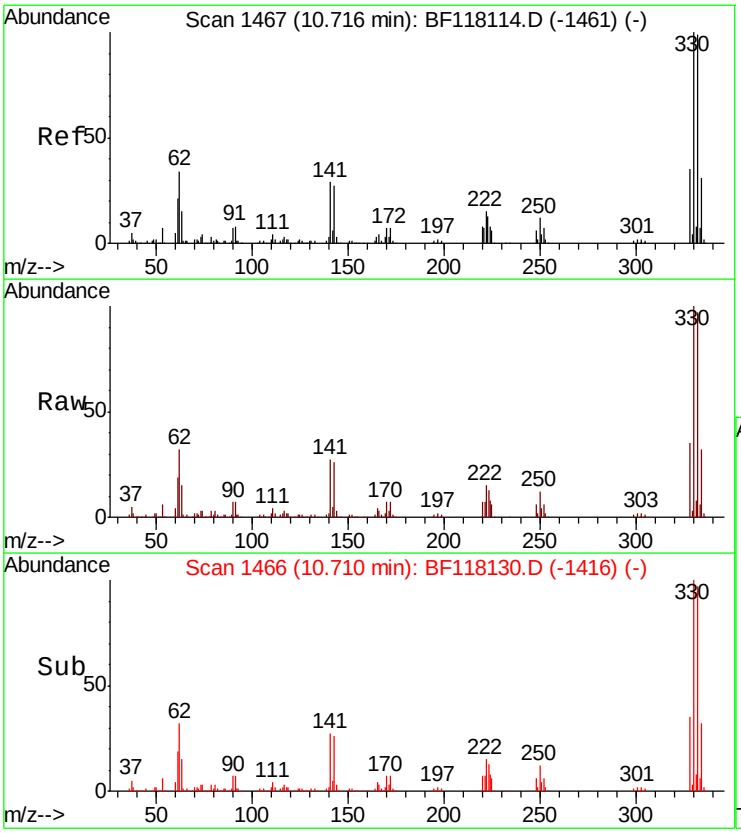
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:164 Resp: 283858

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.4	125.0
160	43.4	36.6	54.8

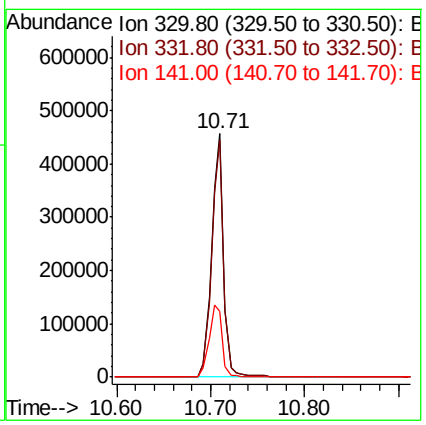


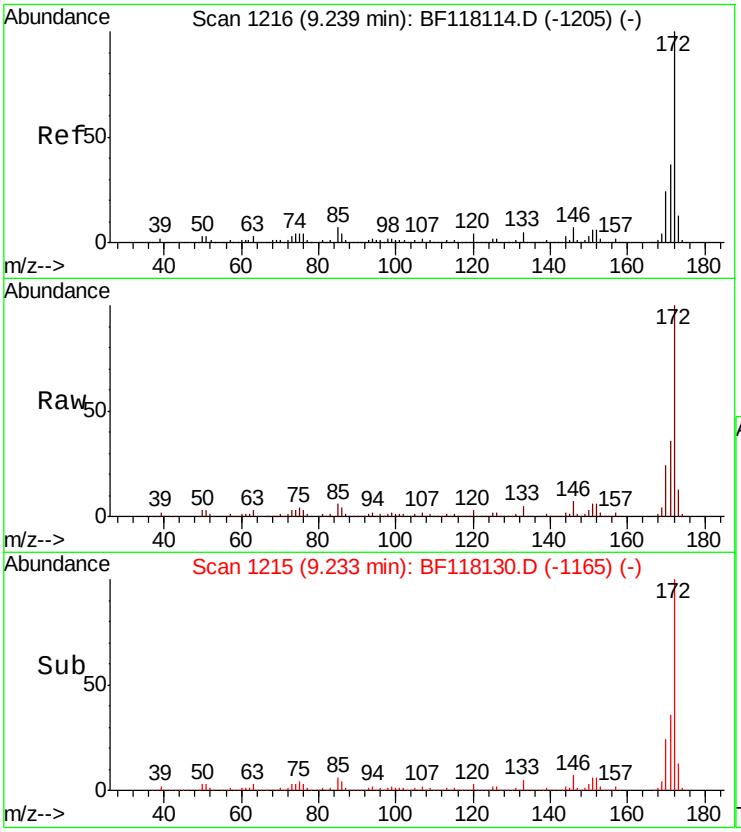


#42
2,4,6-Tribromophenol
Concen: 119.734 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion:330 Resp: 412886

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	33.0	26.9	40.3



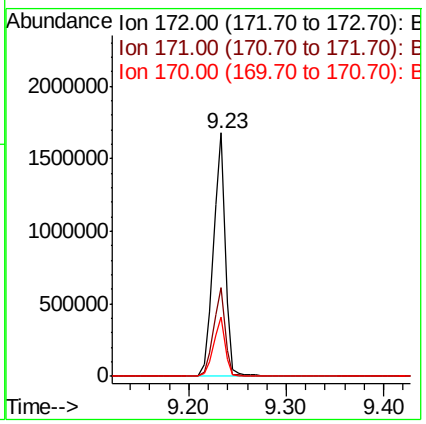


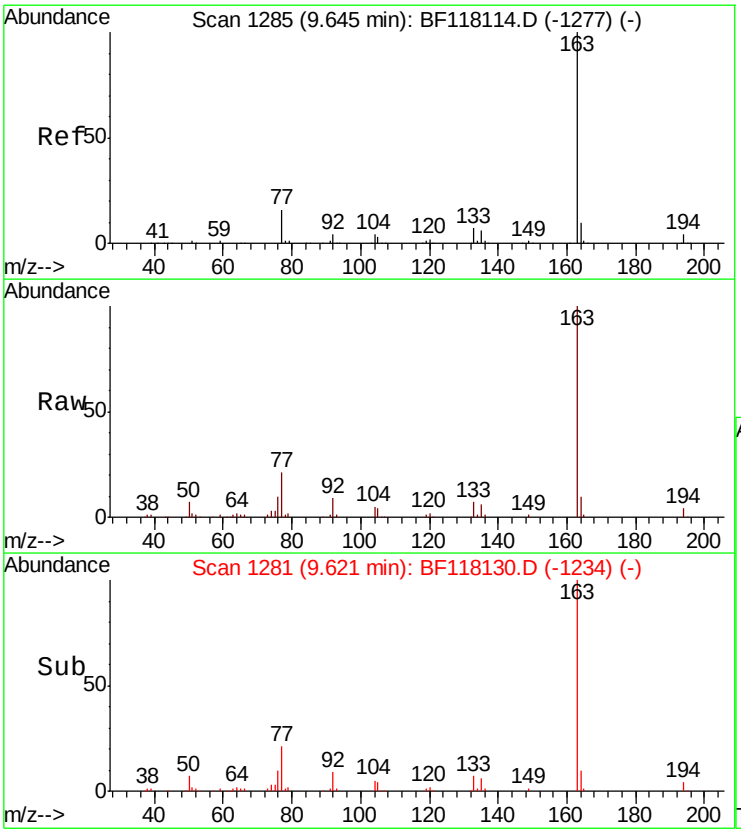
#45
2-Fluorobiphenyl
Concen: 76.604 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:172 Resp: 1429015

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.2	19.4	29.2

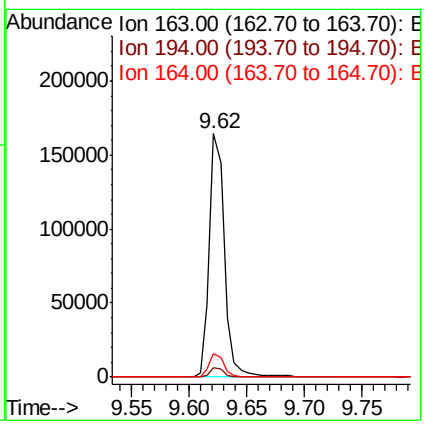


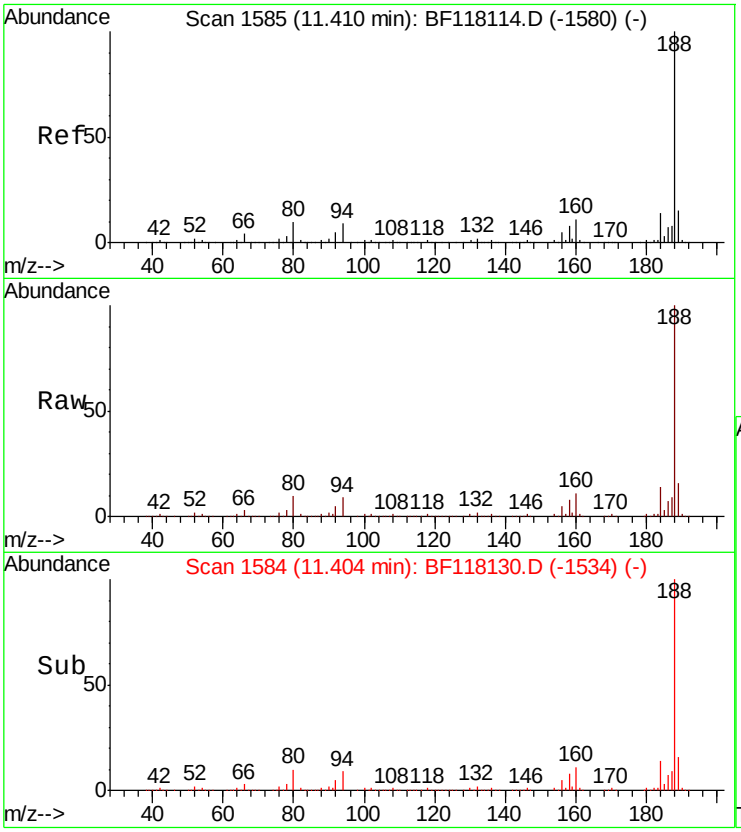


#50
Dimethylphthalate
Concen: 7.191 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion:163 Resp: 150774

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	7.7	11.5



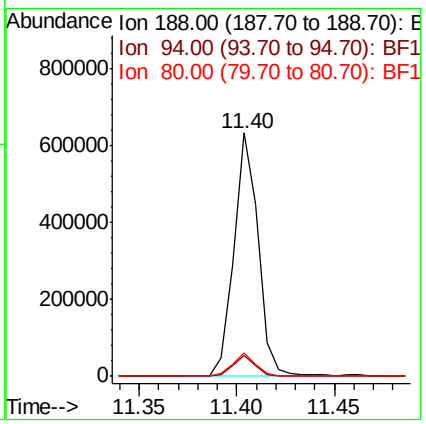


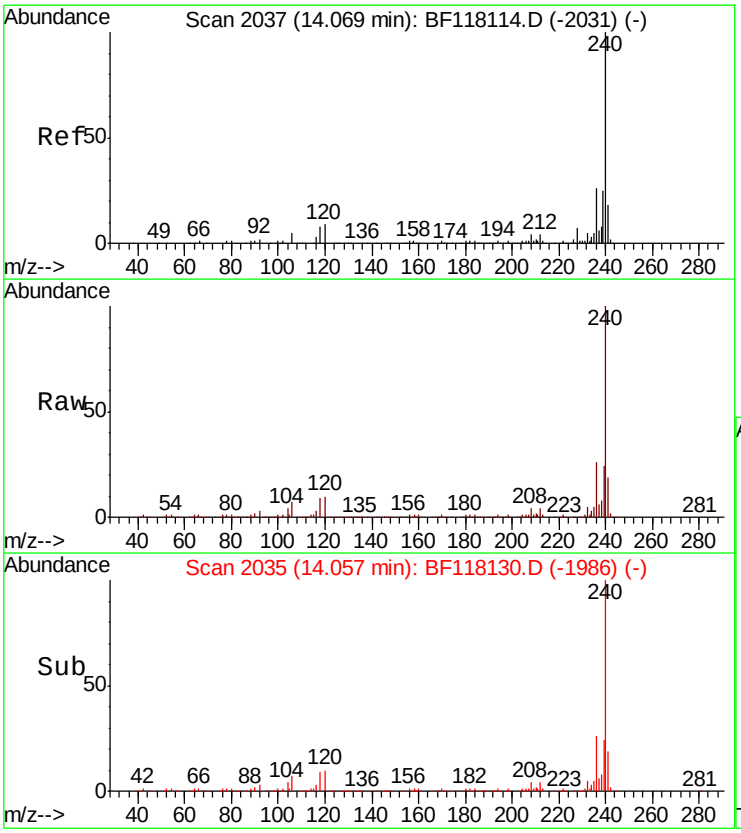
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:188 Resp: 545084

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.7	7.9	11.9

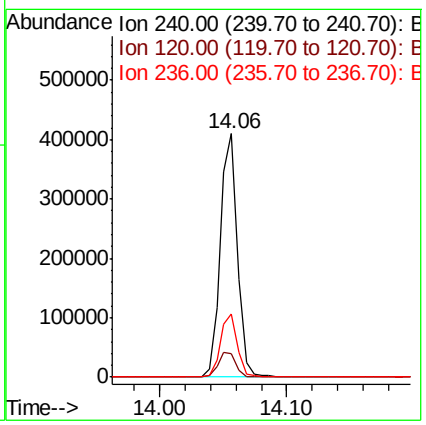


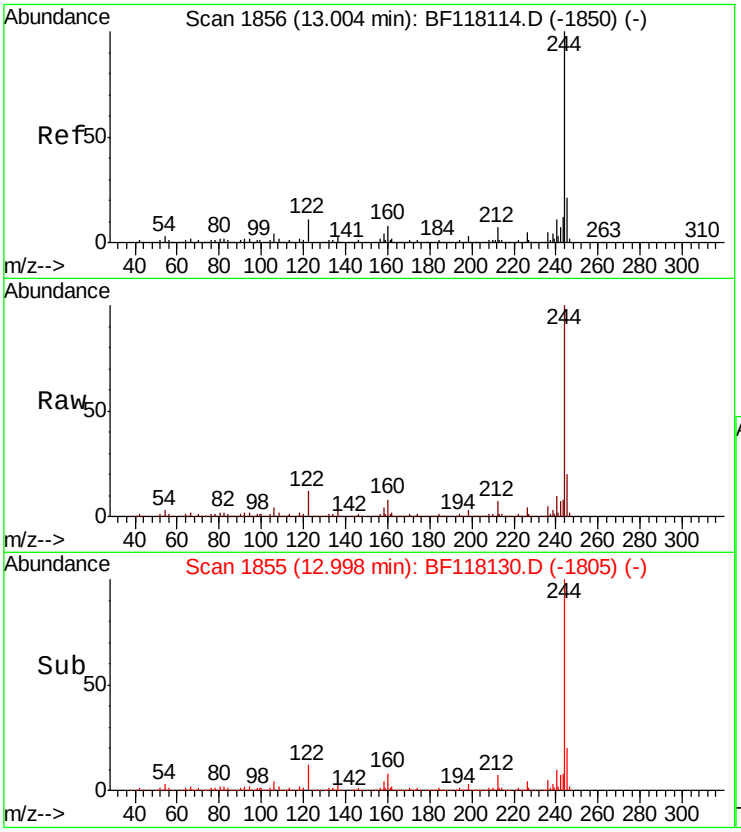


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion:240 Resp: 385592

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.1	10.7
236	25.8	21.0	31.6



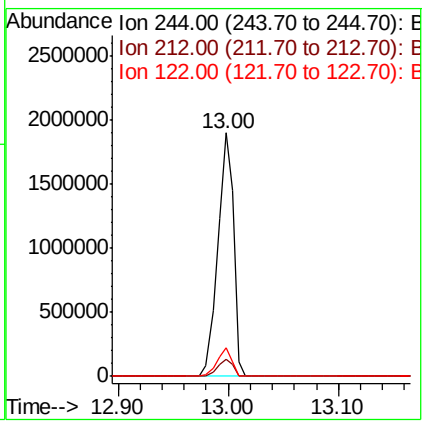


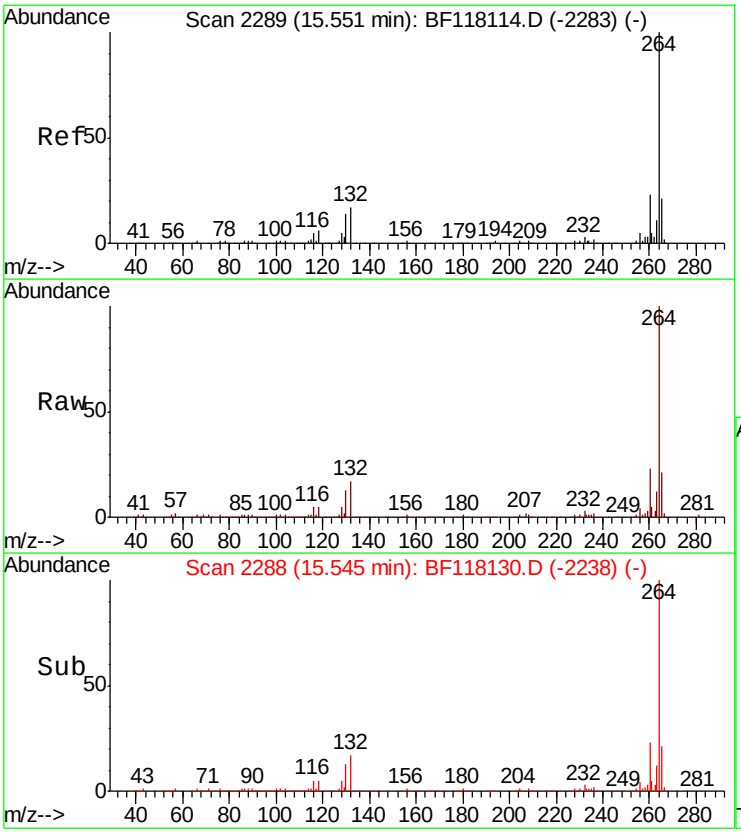
#79
Terphenyl-d14
Concen: 83.930 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMP

Tgt Ion:244 Resp: 1881964

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.9	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118130.D
Acq: 7 Dec 2019 15:44

Tgt Ion:264 Resp: 340102

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.0	16.8	25.2