Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118148.D
Acq On : 9 Dec 2019 17:02
Operator : JU
Sample : K6162-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1

Quant Time: Dec 10 01:13:01 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	6.87	152	103557	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	409569	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	217330	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	397719	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242156	20.00	ng	-0.01
87) Perylene-d12	15.54	264	242835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	540863	91.48	ng	0.00
7) Phenol-d6	6.50	99	684283	95.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	412093	56.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	231170	87.56	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	865913	60.63	ng	0.00
79) Terphenyl-d14	13.00	244	940738	66.80	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.63	163	65953	4.108	ng	99
71) Phenanthrene	11.43	178	44562	2.108	ng	100
75) Fluoranthene	12.62	202	79014	3.655	ng	99
78) Pyrene	12.86	202	74857	3.923	ng	97

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

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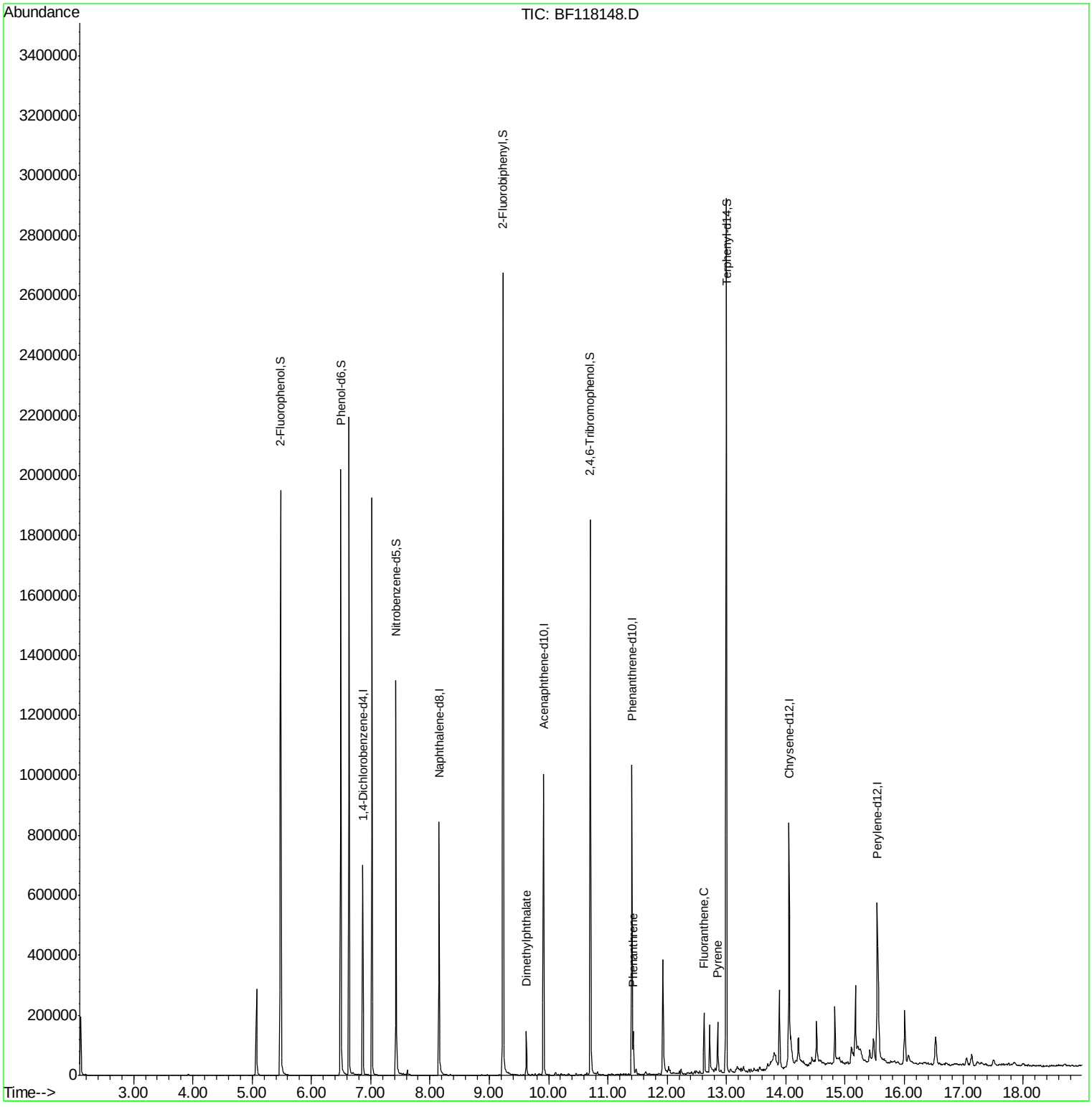
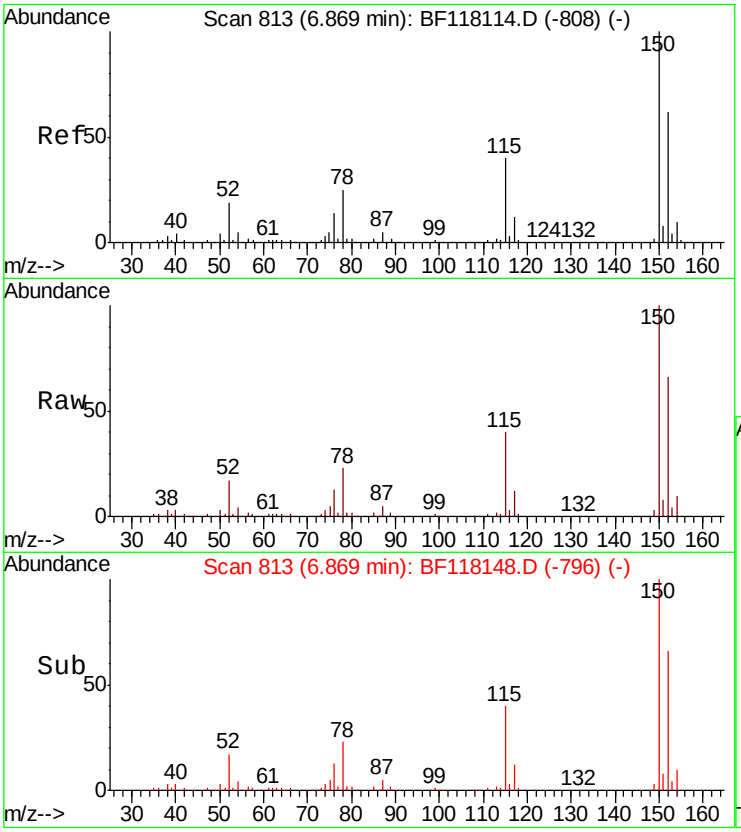


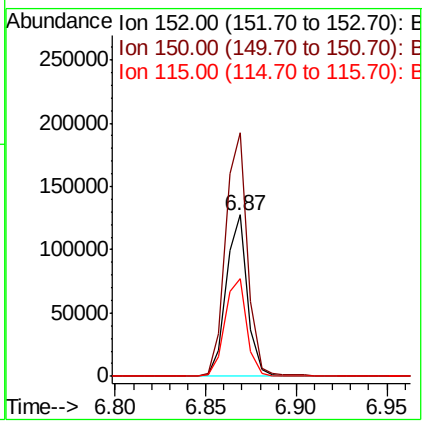


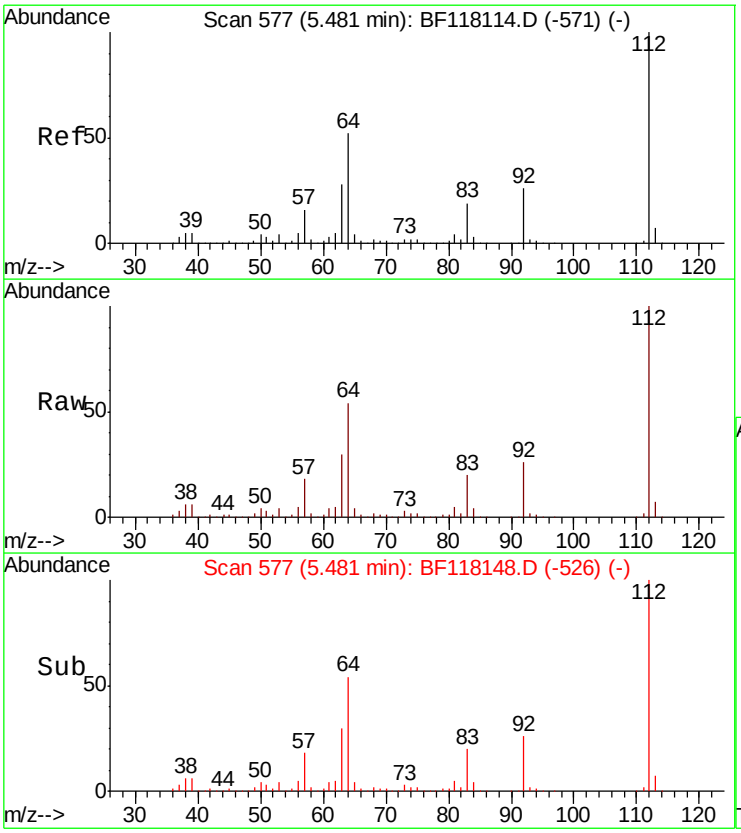
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:152 Resp: 103557

Ion	Ratio	Lower	Upper
152	100		
150	151.0	128.3	192.5
115	60.7	51.1	76.7

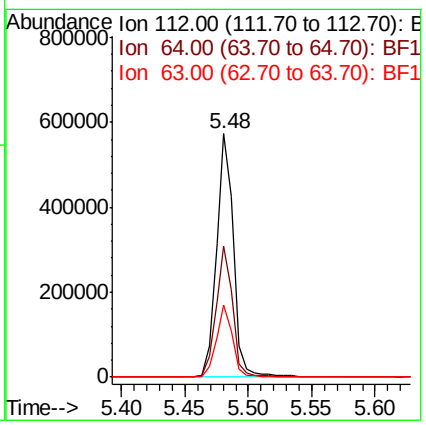


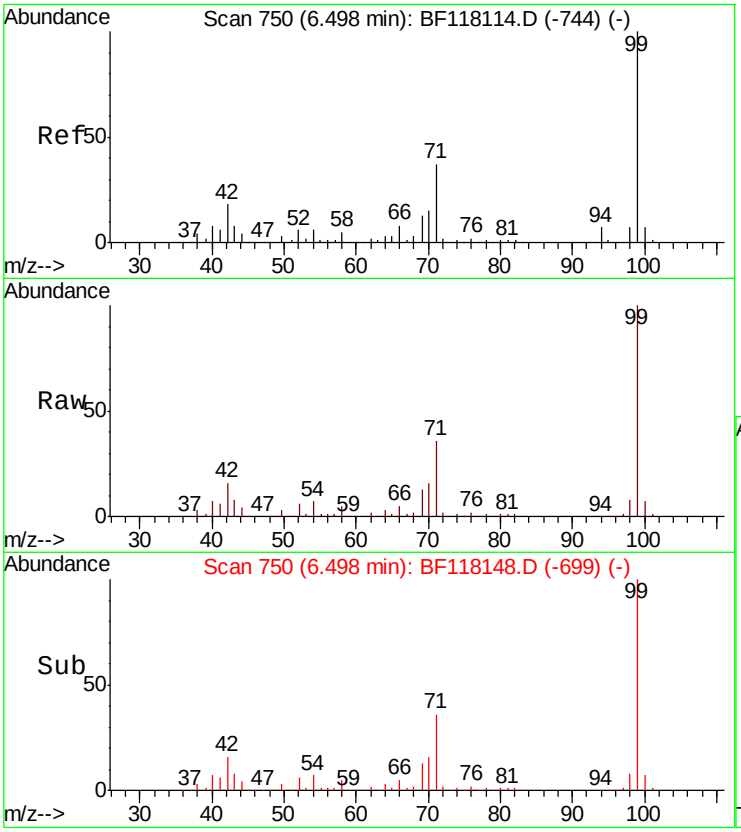


#5
2-Fluorophenol
Concen: 91.476 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:112 Resp: 540863

Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	29.9	22.4	33.6



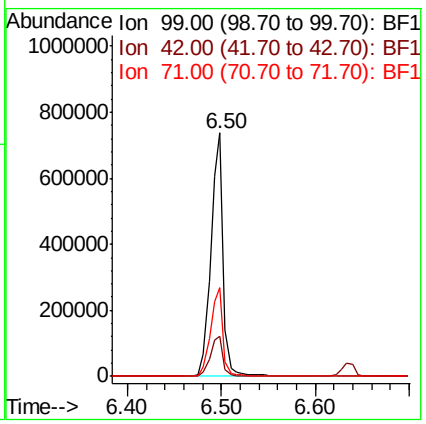


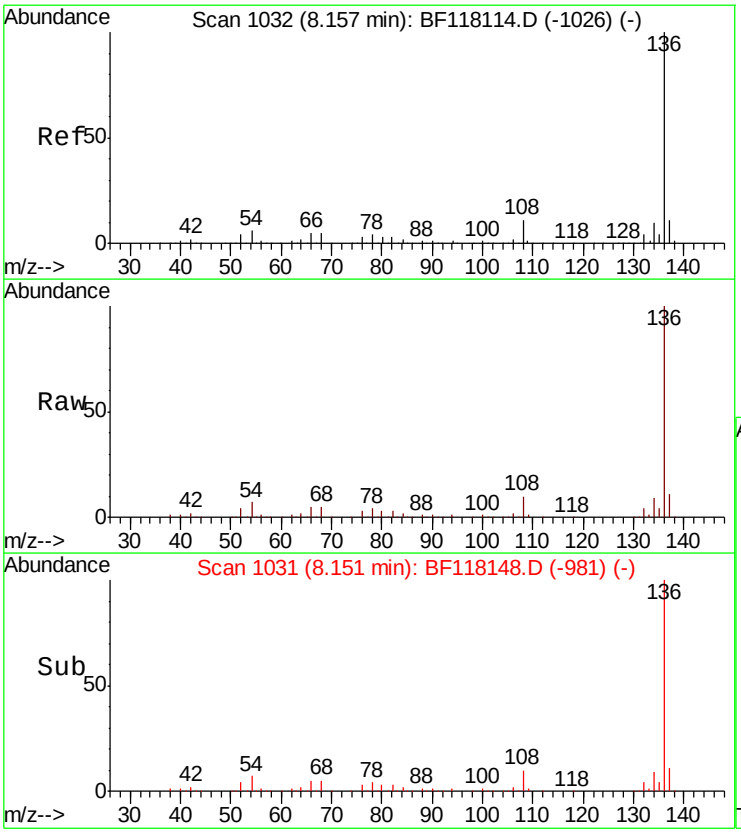
#7
Phenol-d6
Concen: 95.684 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 99 Resp: 684283

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	36.4	29.7	44.5

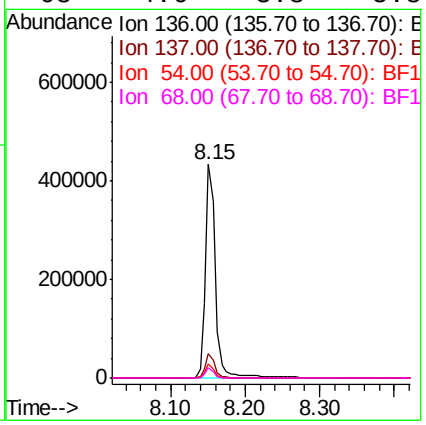


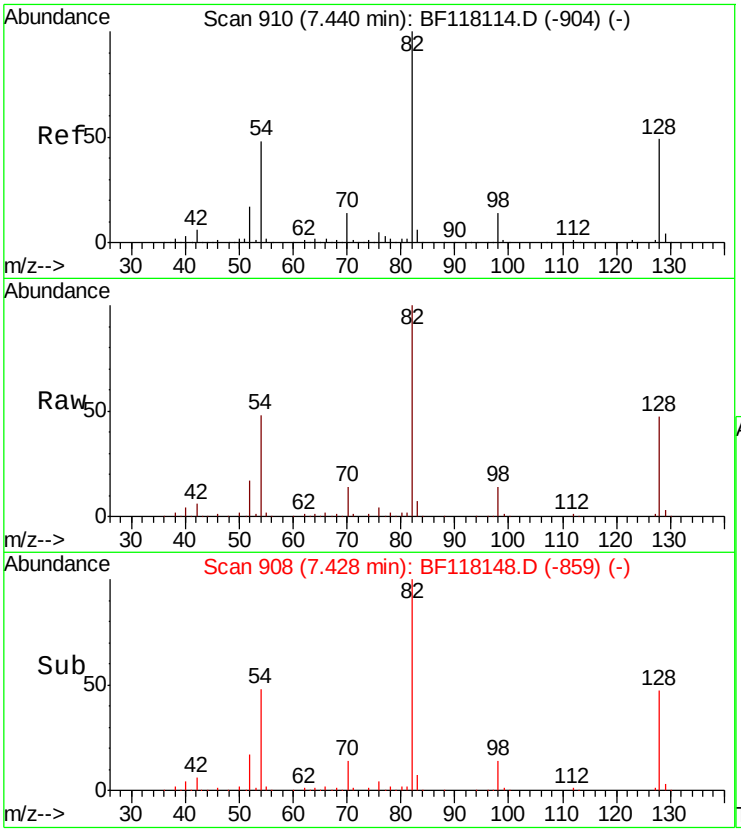


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:136 Resp: 409569

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.6	5.0	7.6
68	4.6	3.8	5.8



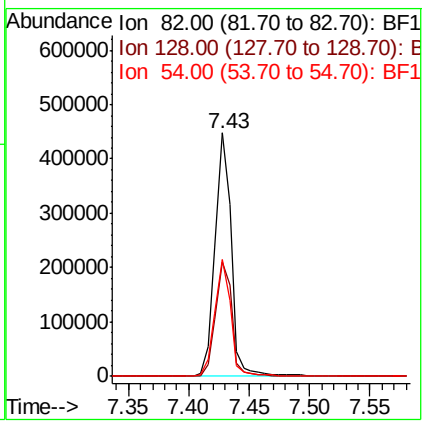


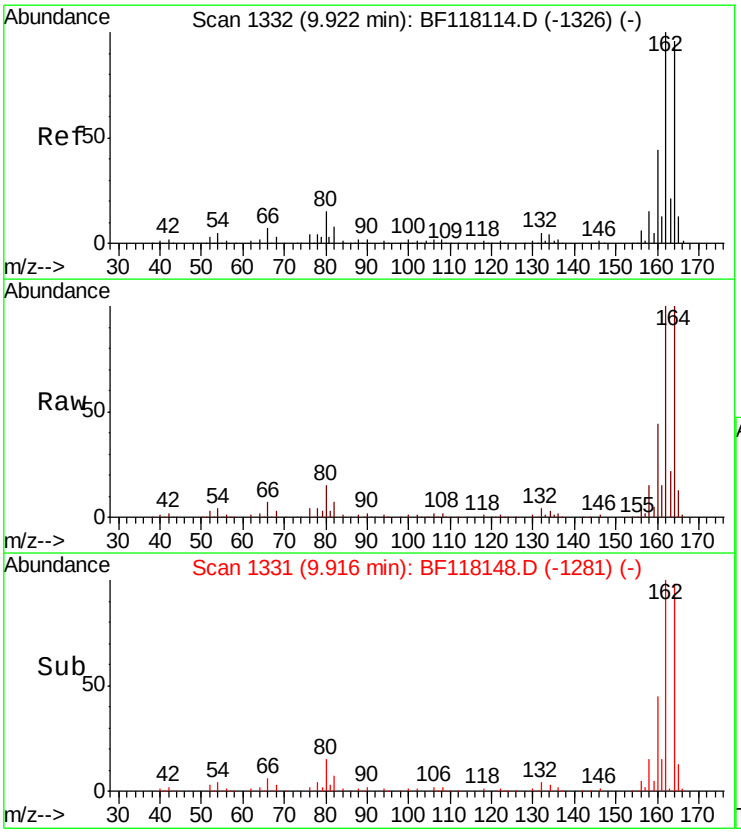
#23
Nitrobenzene-d5
Concen: 56.604 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 82 Resp: 412093

Ion	Ratio	Lower	Upper
82	100		
128	47.2	39.1	58.7
54	48.1	38.2	57.2

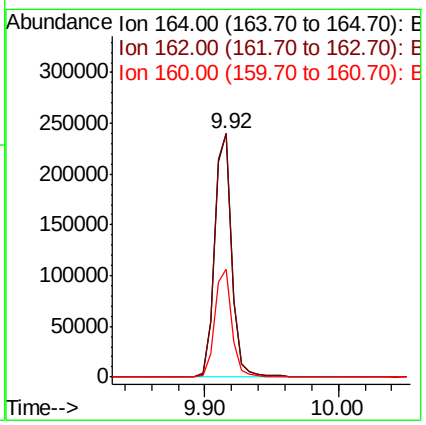


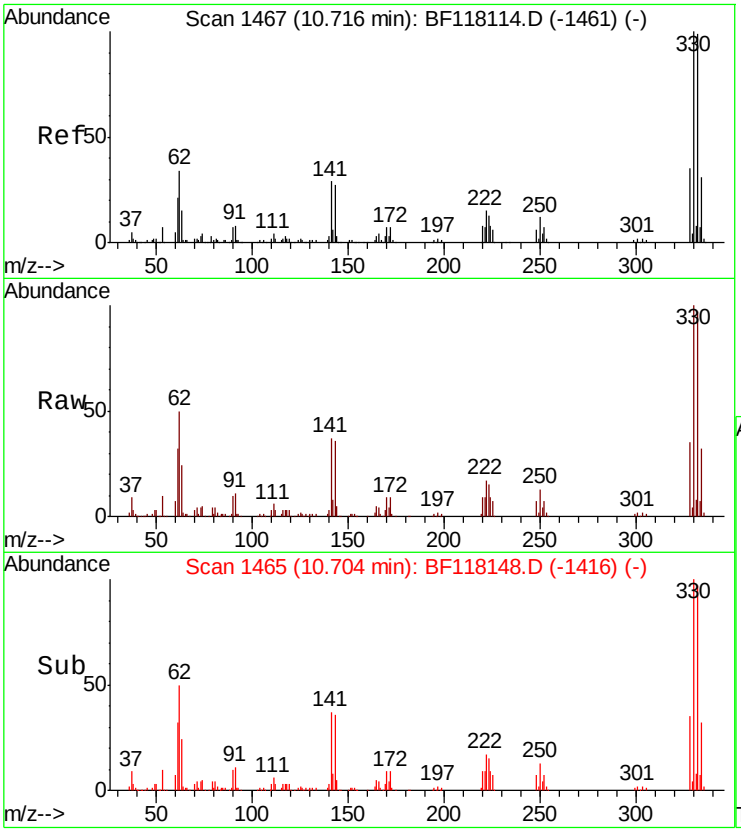


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:164 Resp: 217330

Ion	Ratio	Lower	Upper
164	100		
162	99.9	83.4	125.0
160	44.5	36.6	54.8



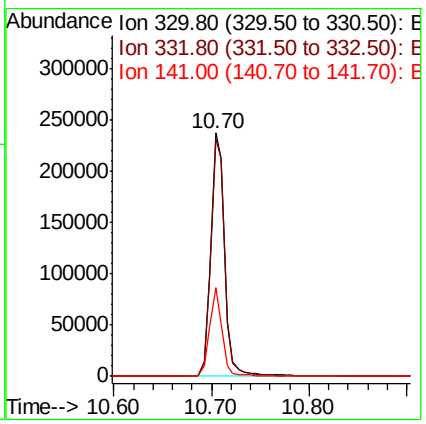


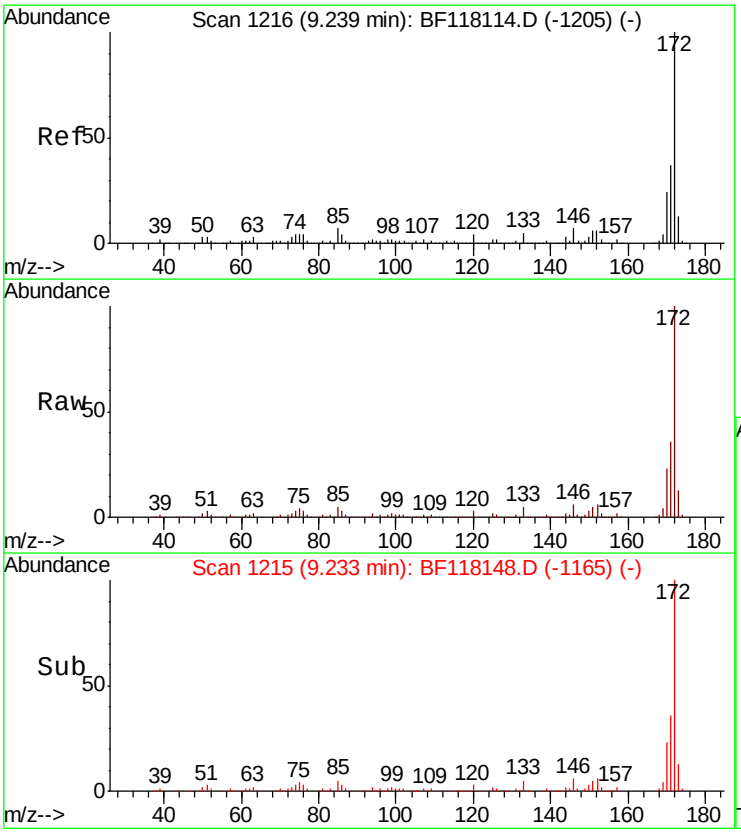
#42
2,4,6-Tribromophenol
Concen: 87.559 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:330 Resp: 231170

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	33.6	26.9	40.3

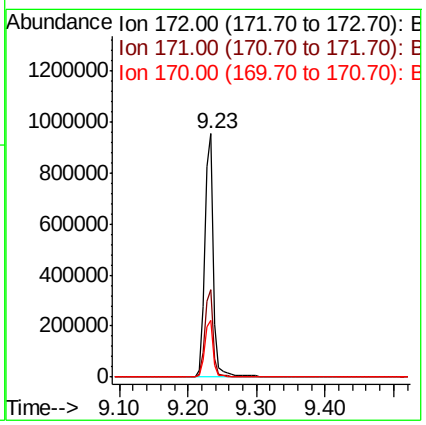


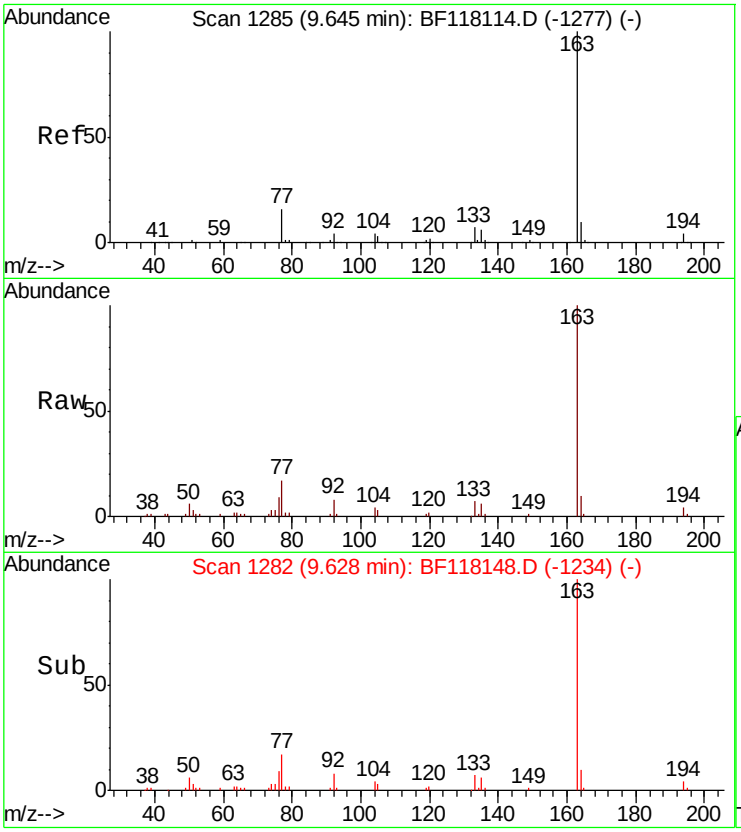


#45
2-Fluorobiphenyl
Concen: 60.627 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:172 Resp: 865913

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.4	19.4	29.2



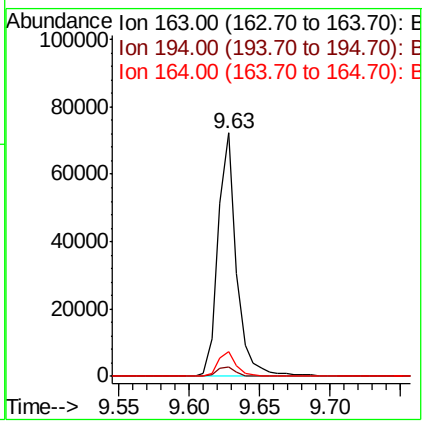


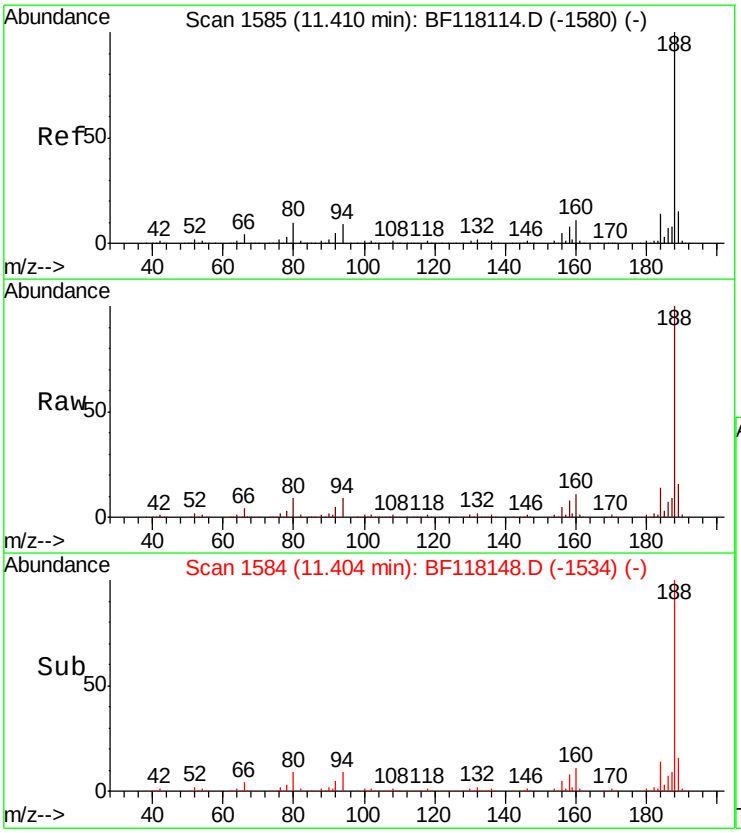
#50
Dimethylphthalate
Concen: 4.108 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:163 Resp: 65953

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.1	7.7	11.5

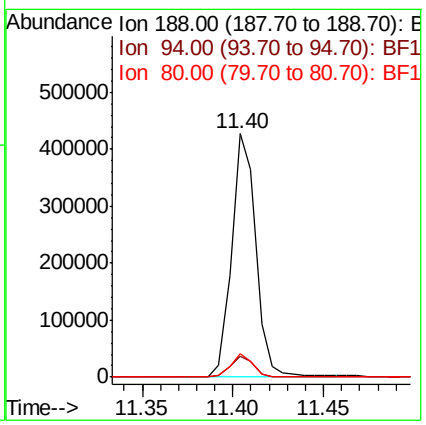


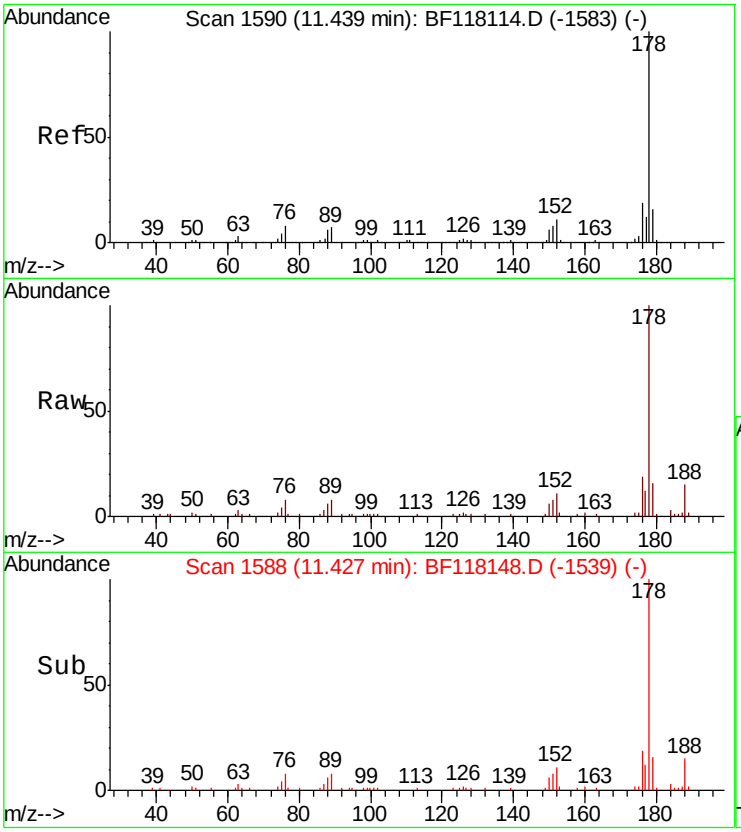


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:188 Resp: 397719

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.4	7.9	11.9



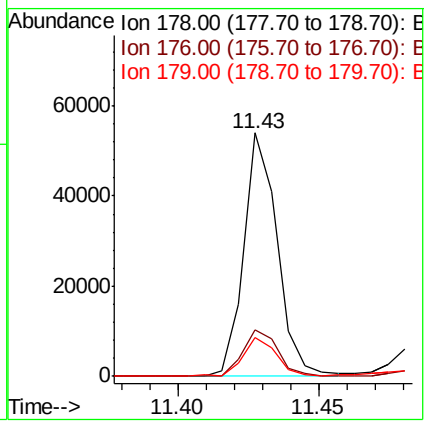


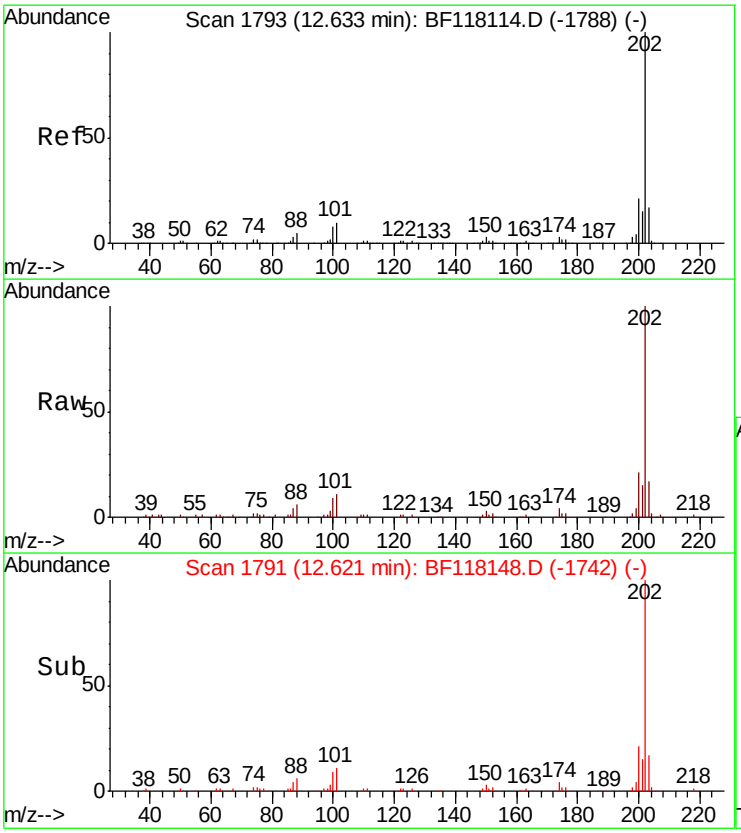
#71
Phenanthrene
Concen: 2.108 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:178 Resp: 44562

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.7	12.6	18.8

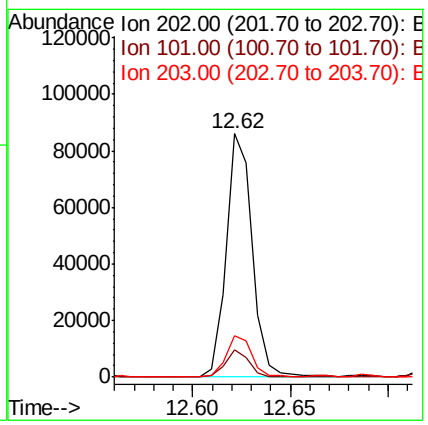


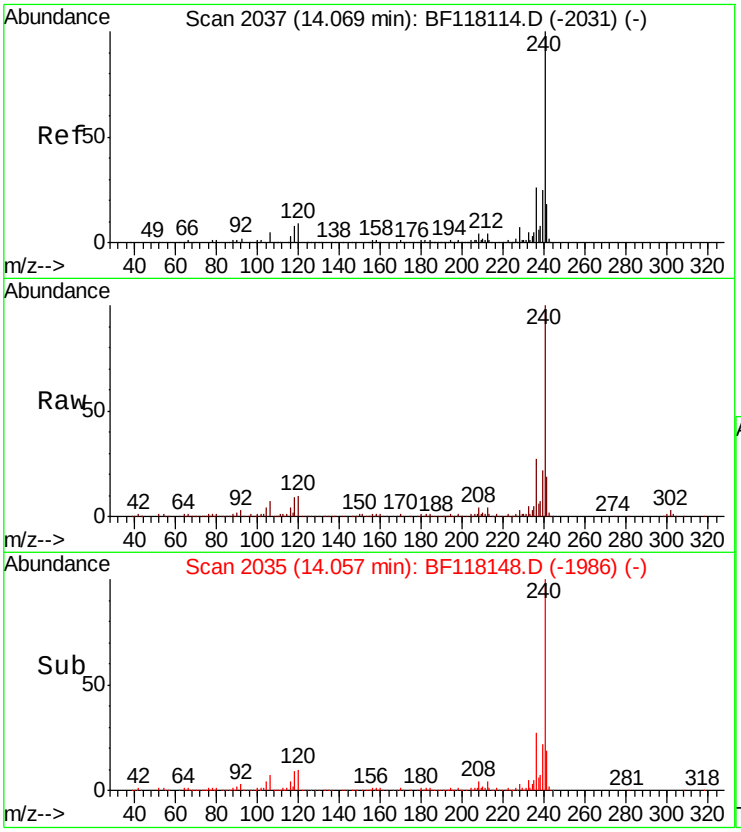


#75
Fluoranthene
Concen: 3.655 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:202 Resp: 79014

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	16.9	0.0	37.2



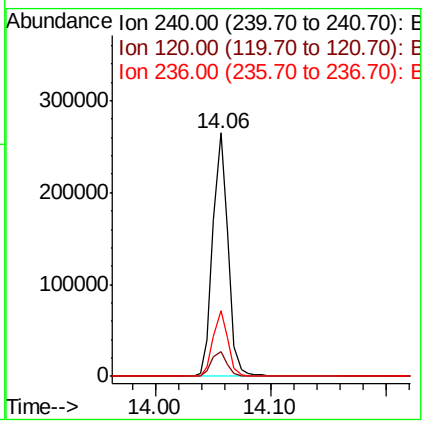


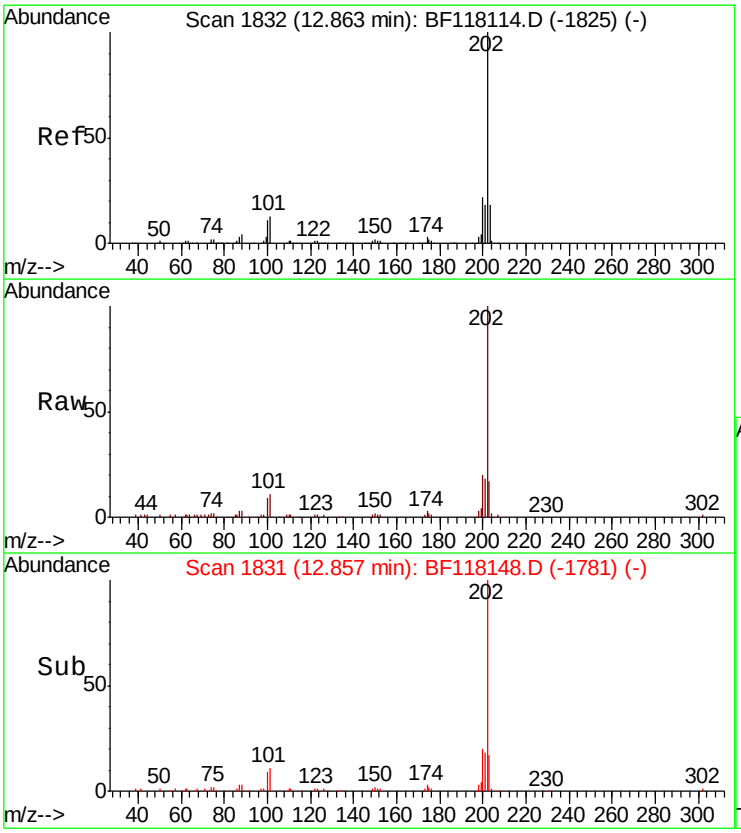
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:240 Resp: 242156

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.1	10.7
236	27.0	21.0	31.6

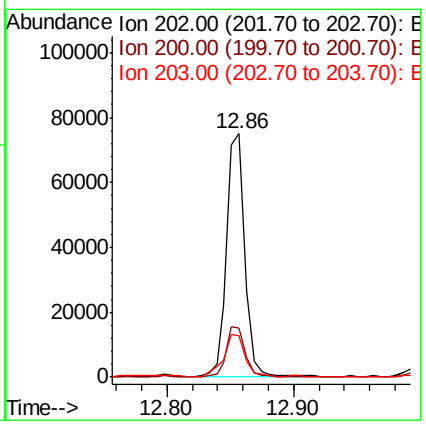


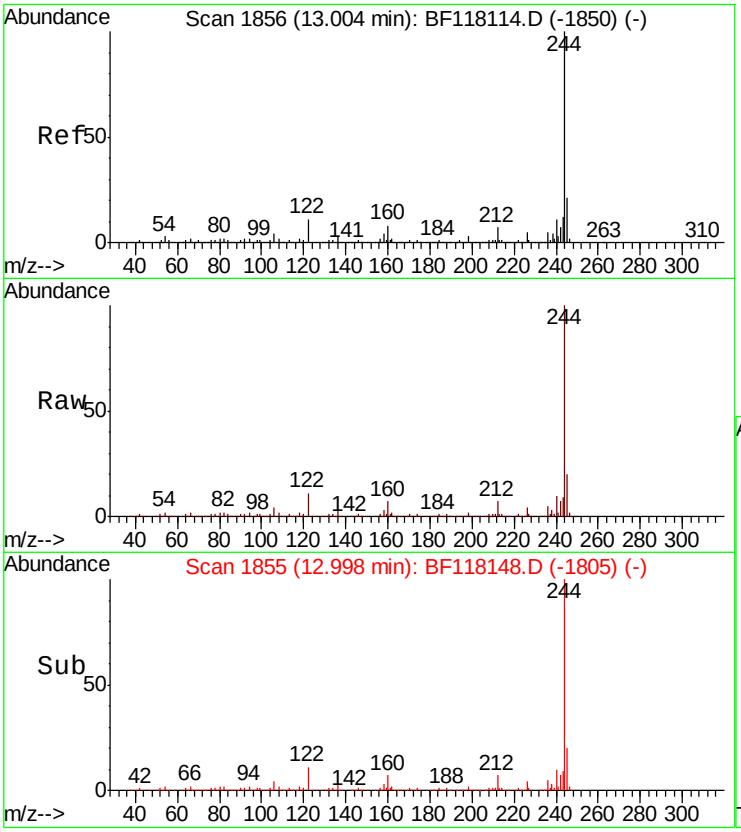


#78
Pyrene
Concen: 3.923 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:202 Resp: 74857

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.5	26.3
203	17.2	14.6	21.8



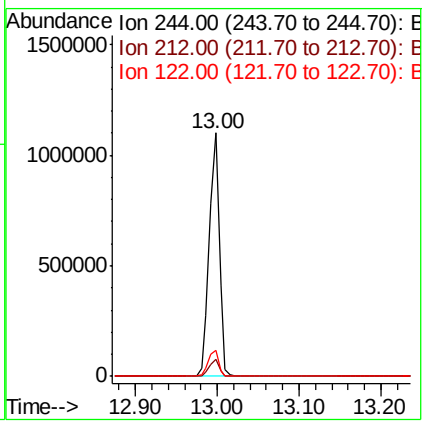


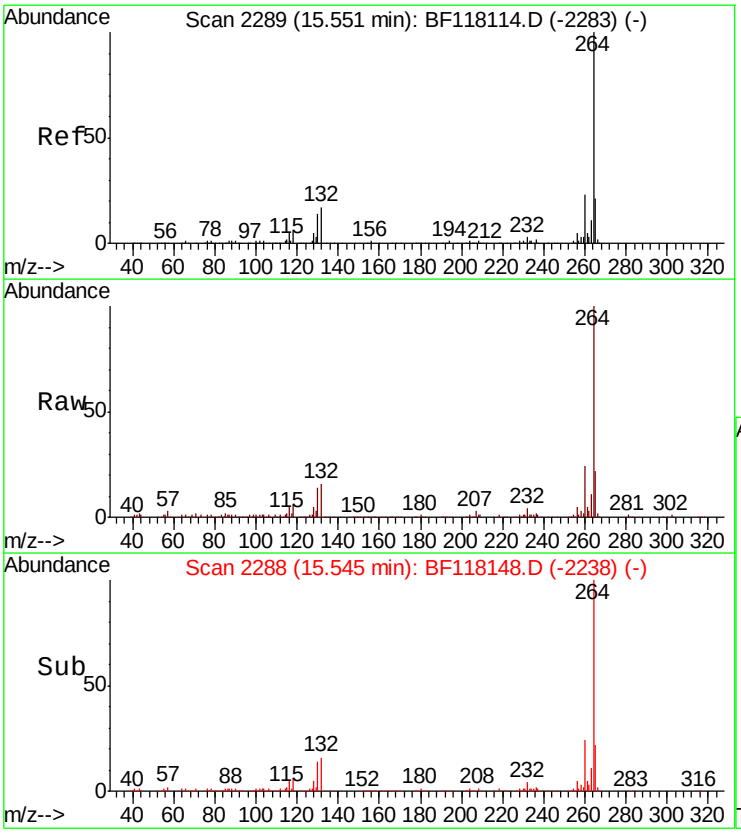
#79
Terphenyl-d14
Concen: 66.805 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:244 Resp: 940738

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.5	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: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:264 Resp: 242835

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	16.8	25.2