Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117748.D
Acq On : 8 Nov 2019 22:58
Operator : JU
Sample : K5722-05DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-ADL

Quant Time: Nov 11 02:47:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	357371	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1527883	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	764489	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1298758	20.00	ng	0.00
76) Chrysene-d12	14.12	240	740746	20.00	ng	-0.01
87) Perylene-d12	15.62	264	841534	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	386254	19.56	ng	-0.01
7) Phenol-d6	6.53	99	596720	24.51	ng	-0.02
23) Nitrobenzene-d5	7.48	82	340035	13.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	95483	12.77	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	701160	18.10	ng	-0.01
79) Terphenyl-d14	13.06	244	630645	17.53	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.93	142	129178	2.717	ng	99
38) 1-Methylnaphthalene	9.03	142	100109	2.217	ng	99
58) Fluorene	10.53	166	414530	9.627	ng	99
71) Phenanthrene	11.50	178	2618802	42.068	ng	99
72) Anthracene	11.55	178	212148	3.425	ng	97
75) Fluoranthene	12.69	202	439264	6.911	ng	96
78) Pyrene	12.92	202	594509	10.994	ng	95

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

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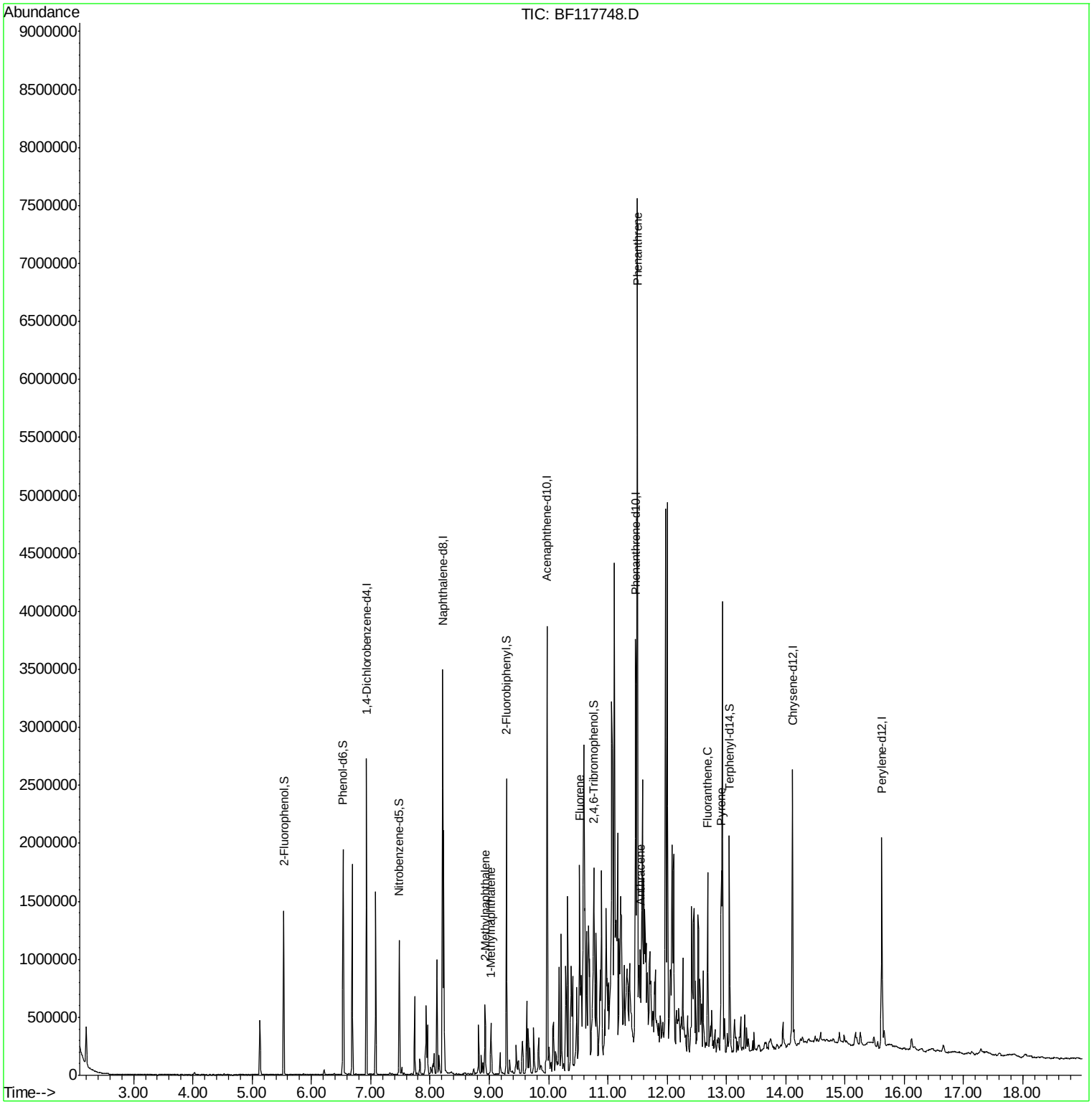
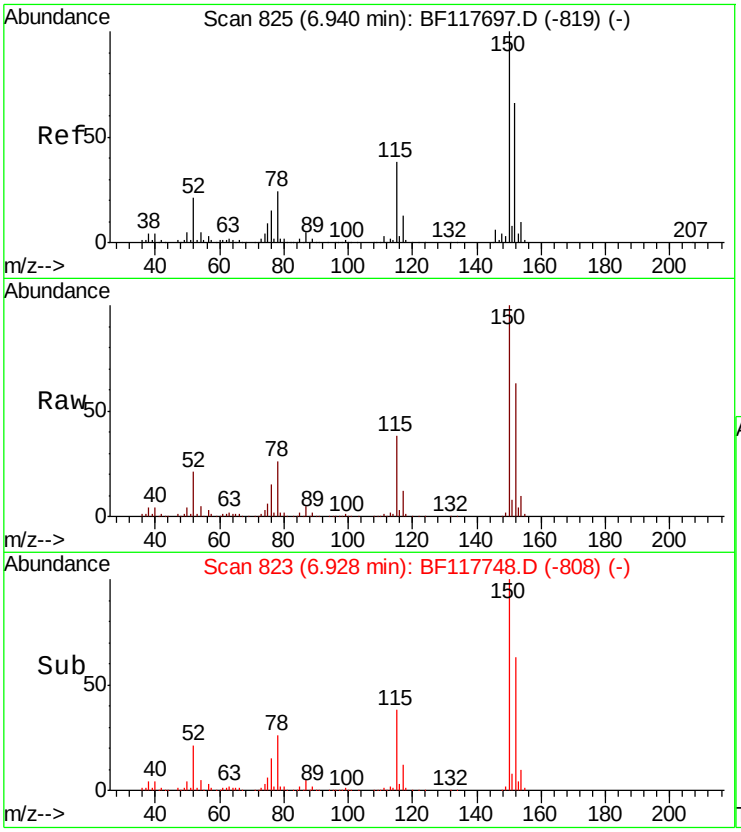


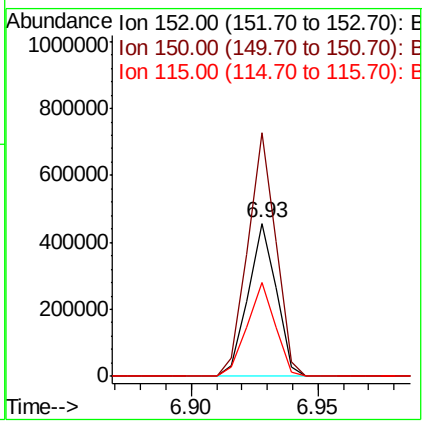


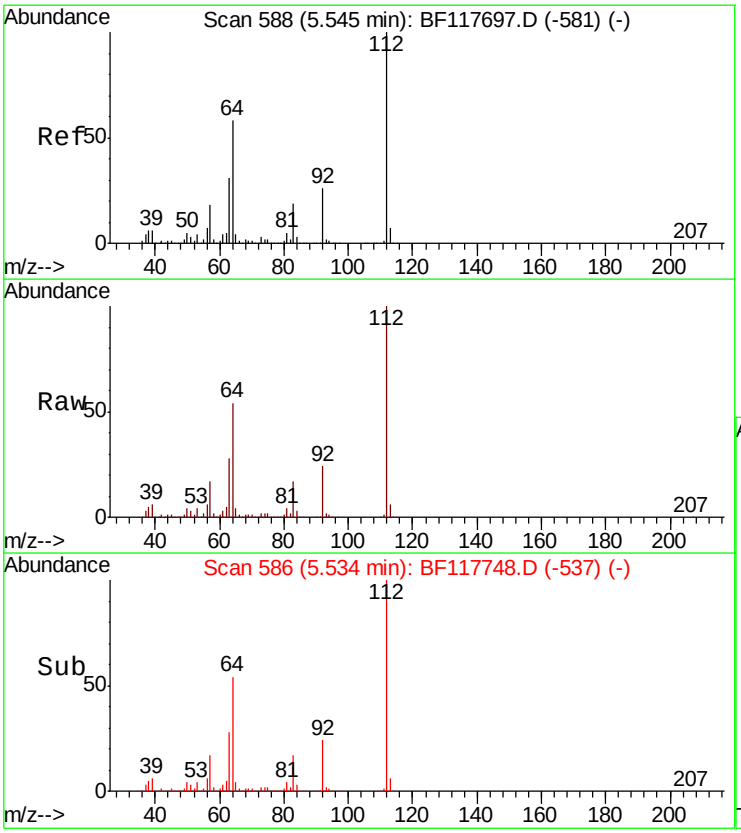
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:152 Resp: 357371

Ion	Ratio	Lower	Upper
152	100		
150	159.0	121.4	182.2
115	61.1	46.7	70.1

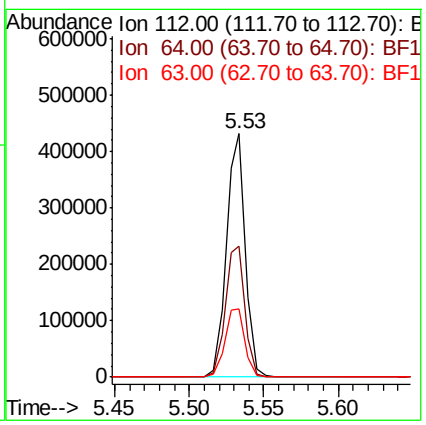


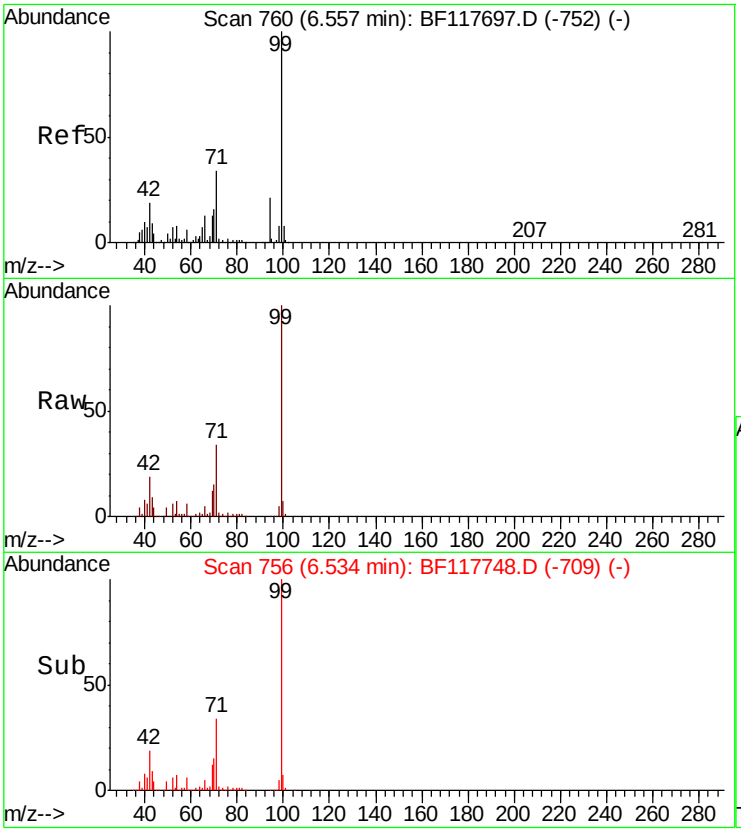


#5
2-Fluorophenol
Concen: 19.565 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:112 Resp: 386254

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.4	69.6
63	28.1	24.6	37.0



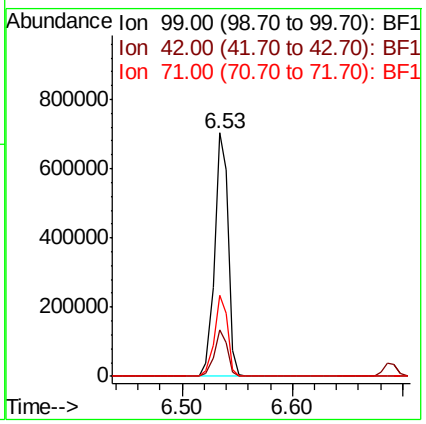


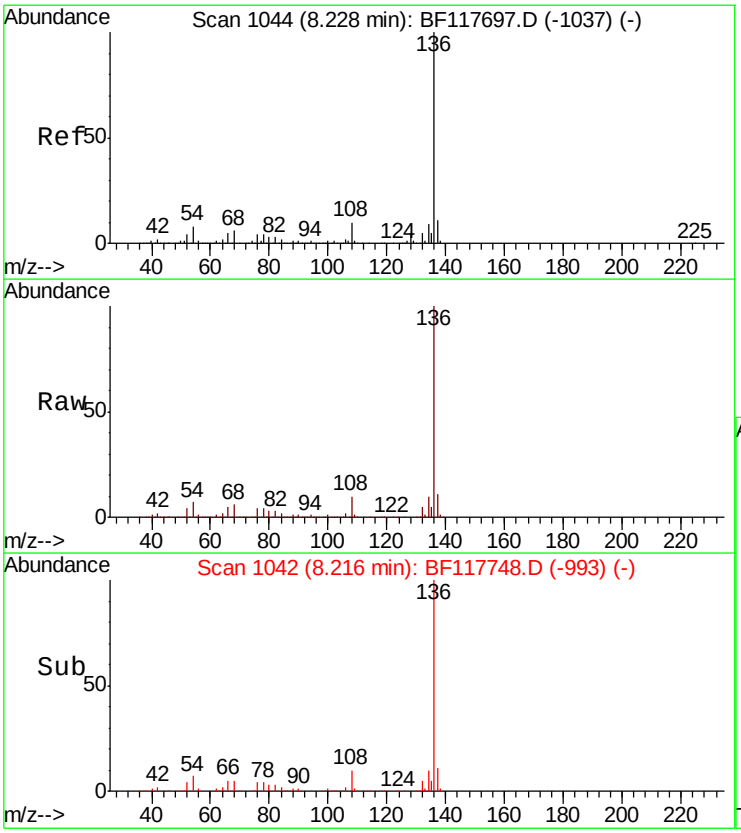
#7
Phenol-d6
Concen: 24.513 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion: 99 Resp: 596720

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.3	22.9
71	33.5	26.8	40.2

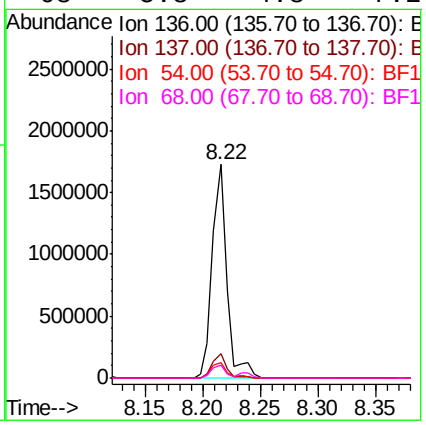


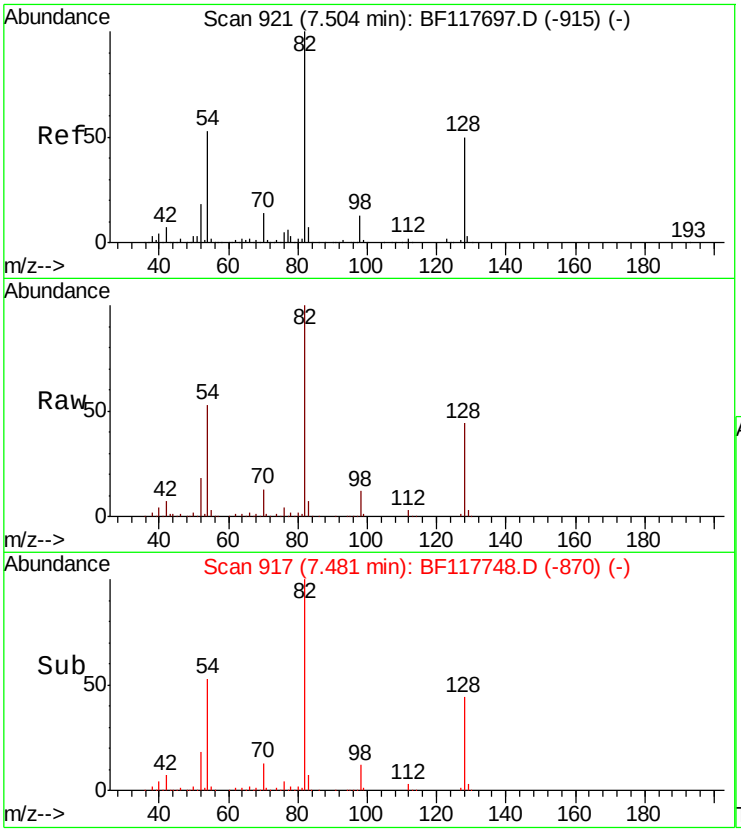


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:136 Resp: 1527883

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.5	6.0	9.0
68	5.8	4.8	7.2



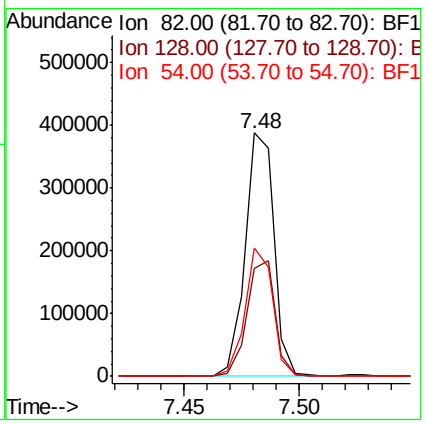


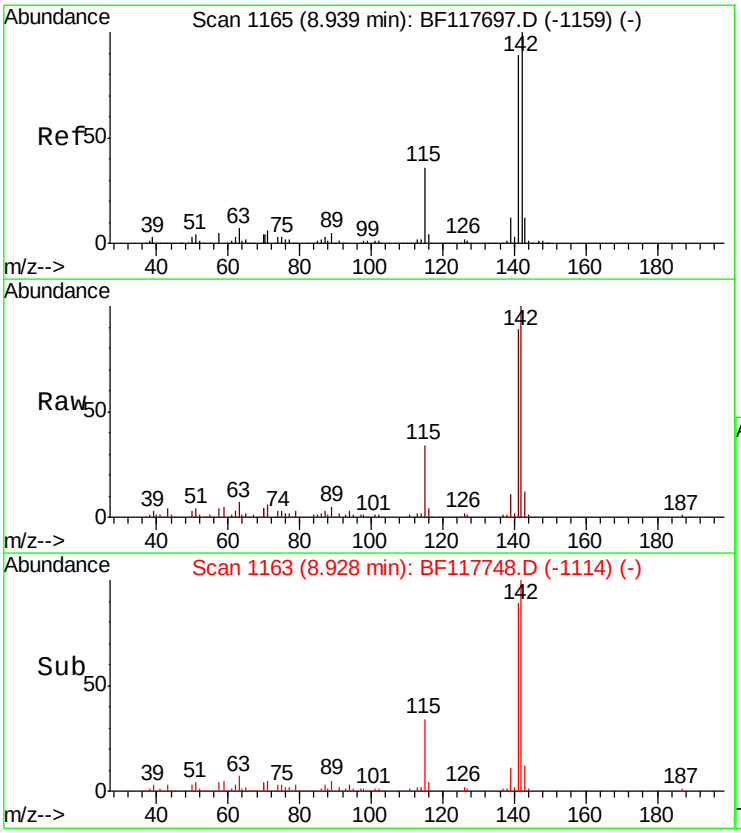
#23
Nitrobenzene-d5
Concen: 13.139 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion: 82 Resp: 340035

Ion	Ratio	Lower	Upper
82	100		
128	44.2	40.2	60.2
54	53.0	42.0	63.0

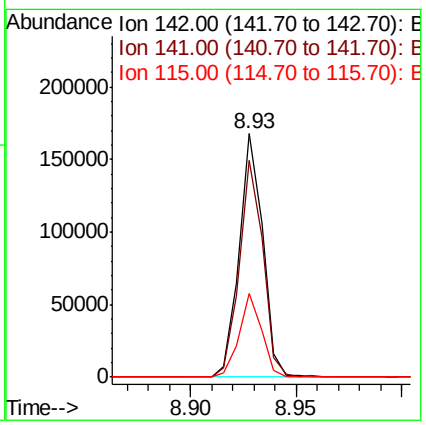


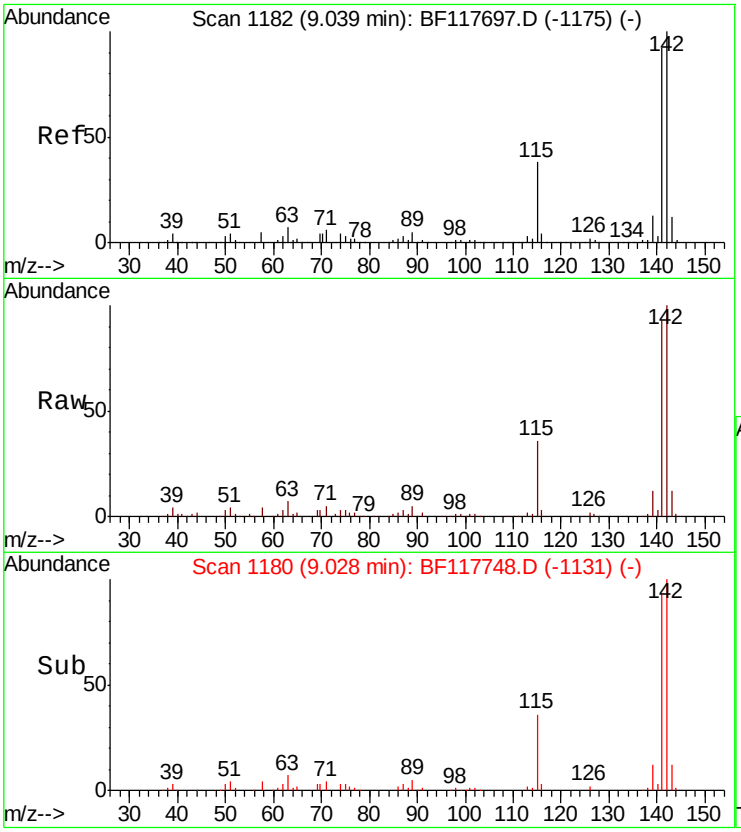


#37
2-Methylnaphthalene
Concen: 2.717 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:142 Resp: 129178

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.5	107.3
115	34.1	28.9	43.3



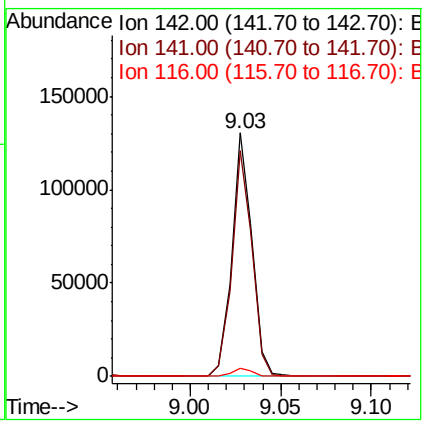


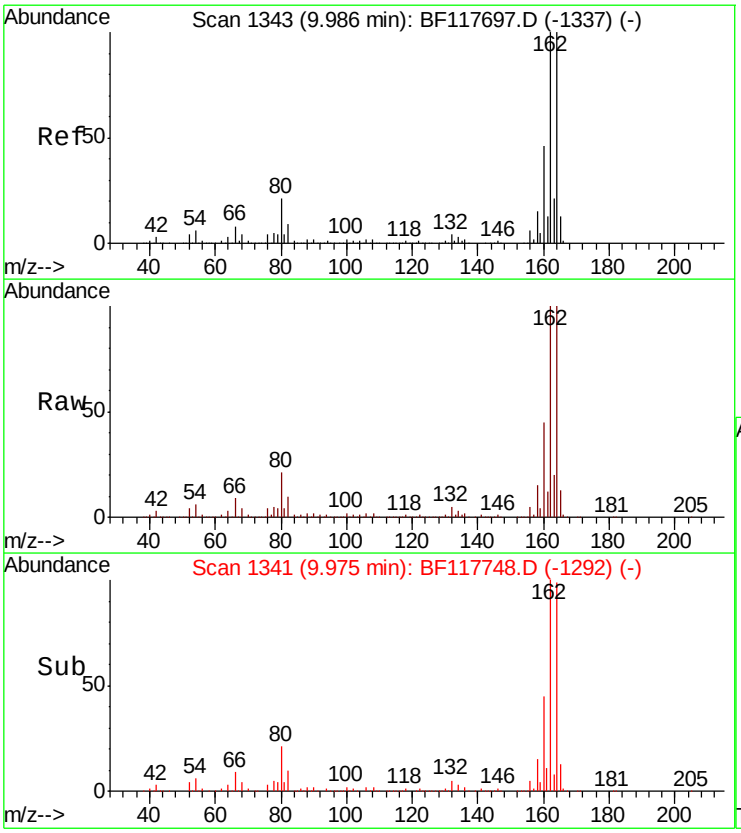
#38
1-Methylnaphthalene
Concen: 2.217 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:142 Resp: 100109

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.3	109.9
116	3.4	3.2	4.8

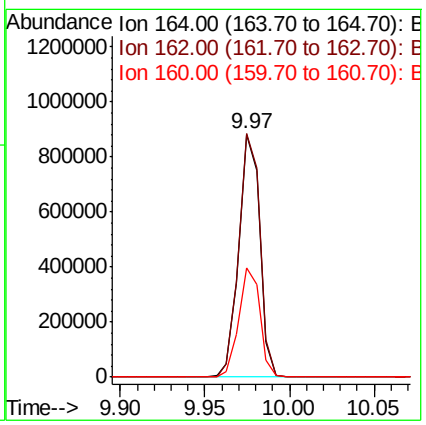


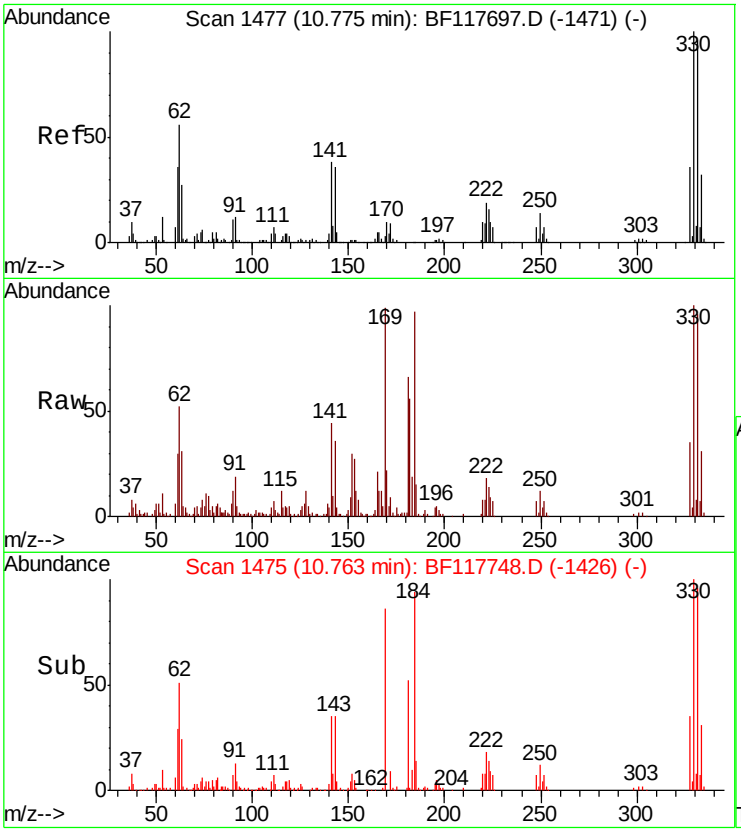


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:164 Resp: 764489

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.7	119.5
160	45.0	36.5	54.7



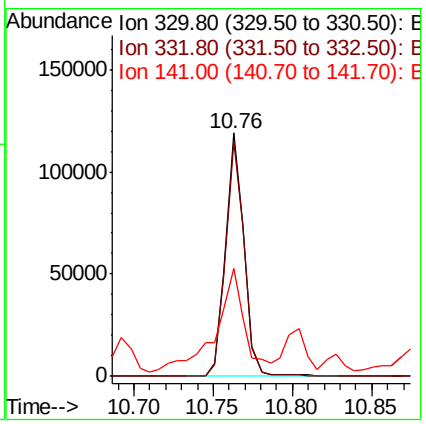


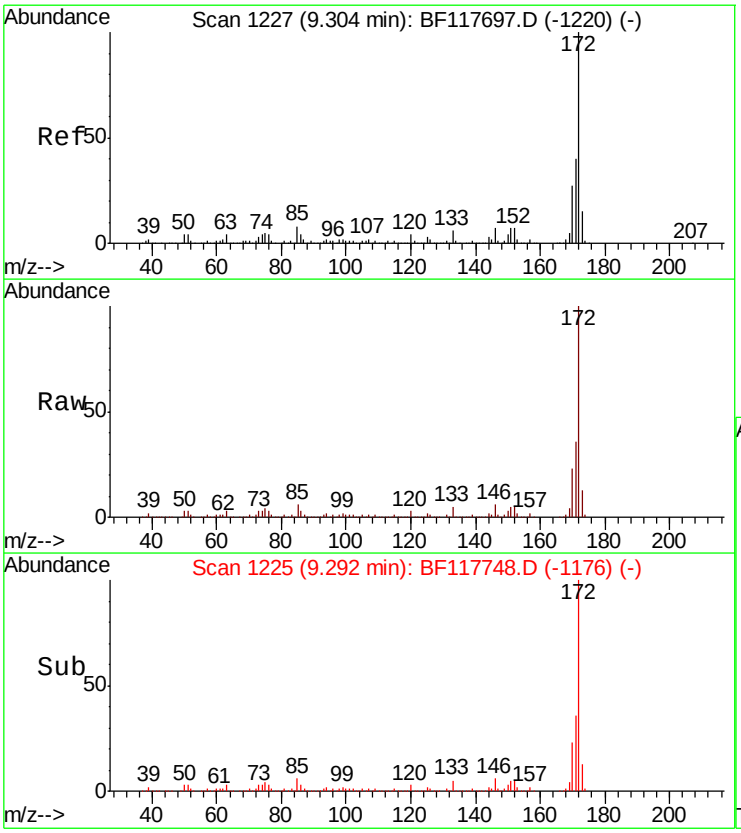
#42
2,4,6-Tribromophenol
Concen: 12.768 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:330 Resp: 95483

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	66.6	28.0	42.0#

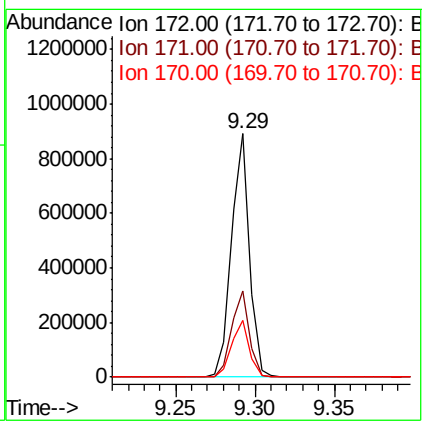


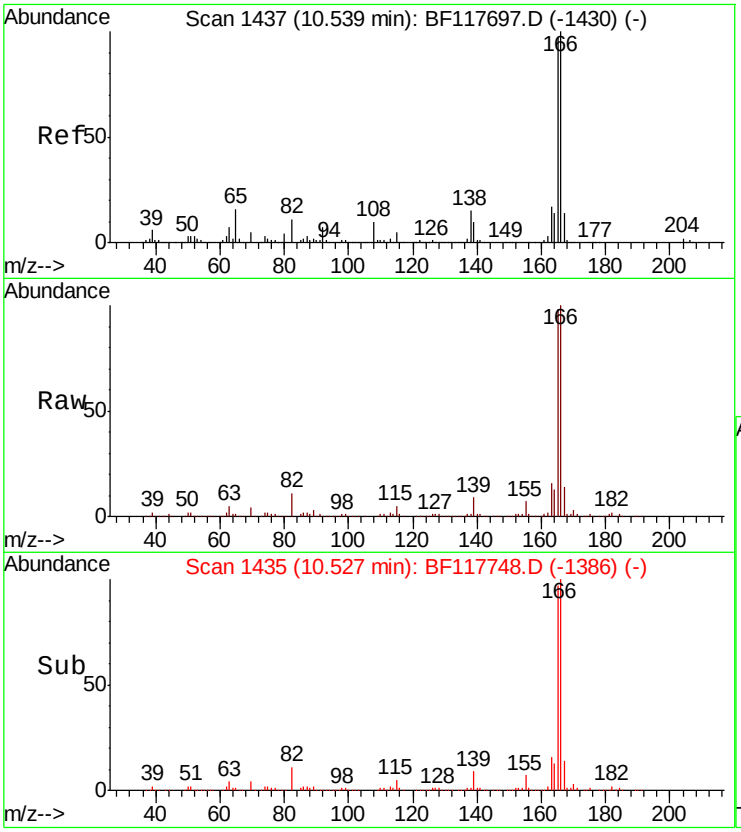


#45
2-Fluorobiphenyl
Concen: 18.096 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:172 Resp: 701160

Ion	Ratio	Lower	Upper
172	100		
171	35.5	31.8	47.8
170	23.4	21.6	32.4



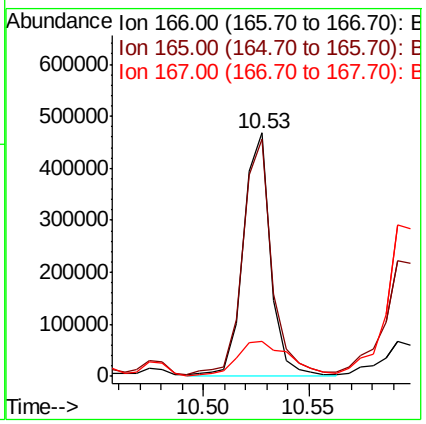


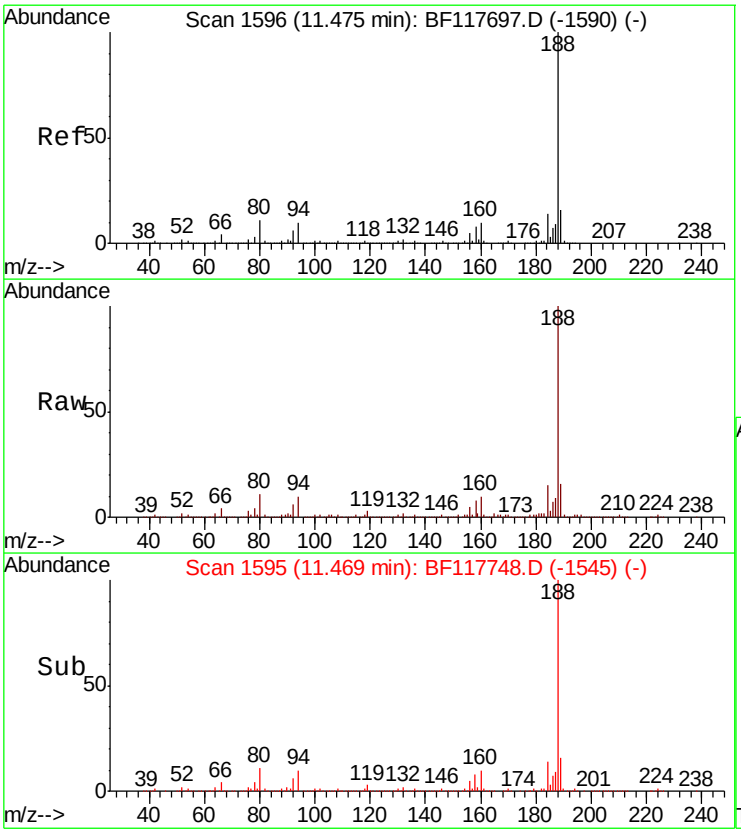
#58
Fluorene
Concen: 9.627 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:166 Resp: 414530

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.4	116.0
167	14.4	11.0	16.4

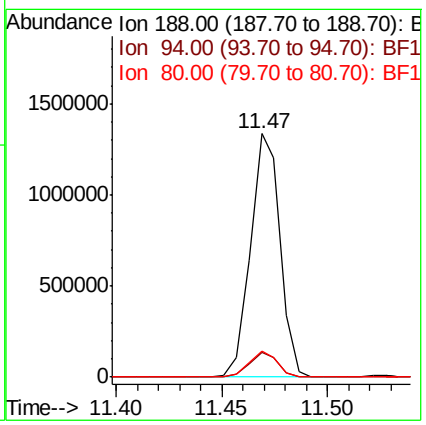


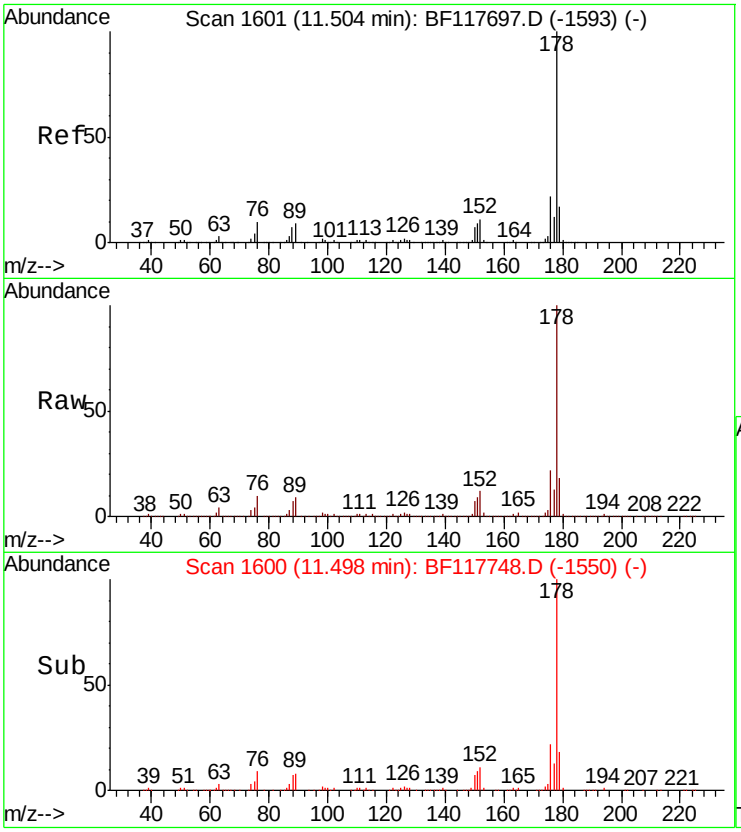


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:188 Resp: 1298758

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	10.8	8.6	13.0



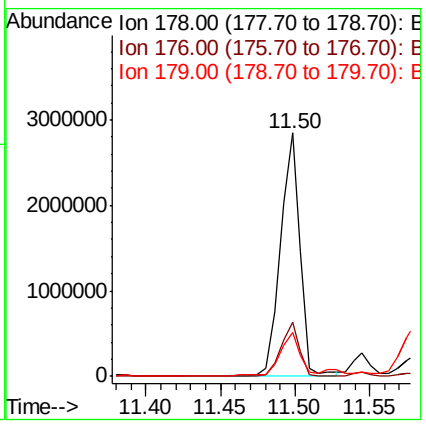


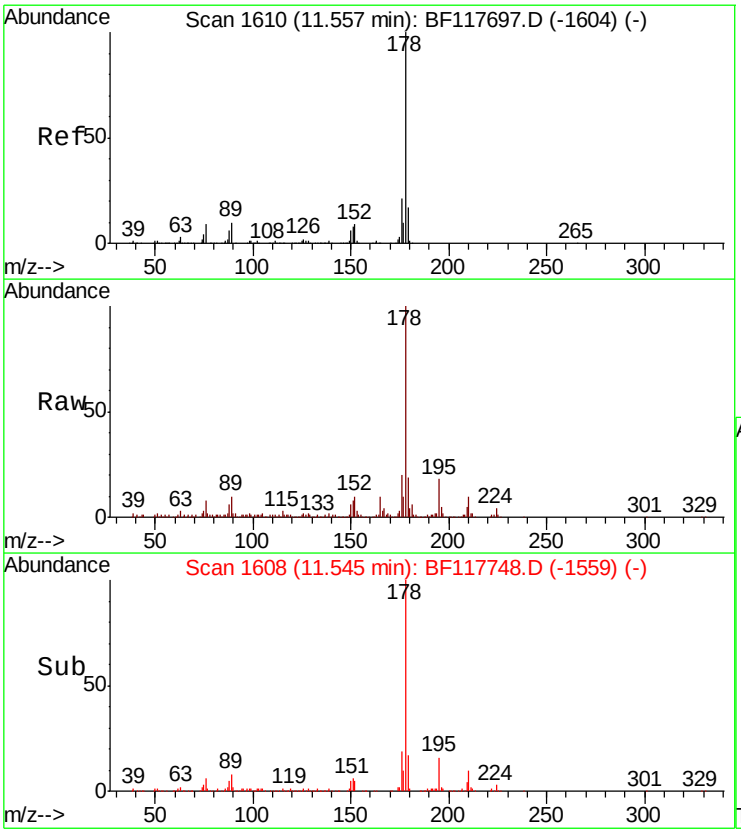
#71
Phenanthrene
Concen: 42.068 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:178 Resp: 2618802

Ion	Ratio	Lower	Upper
178	100		
176	22.2	17.7	26.5
179	18.0	13.8	20.8

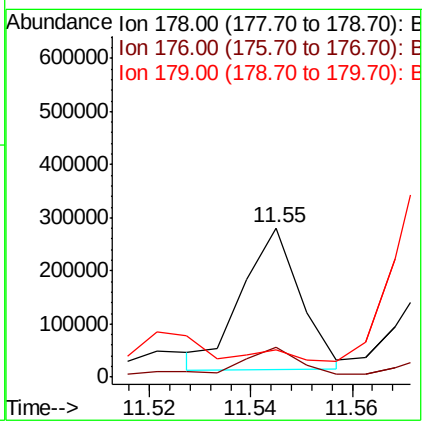


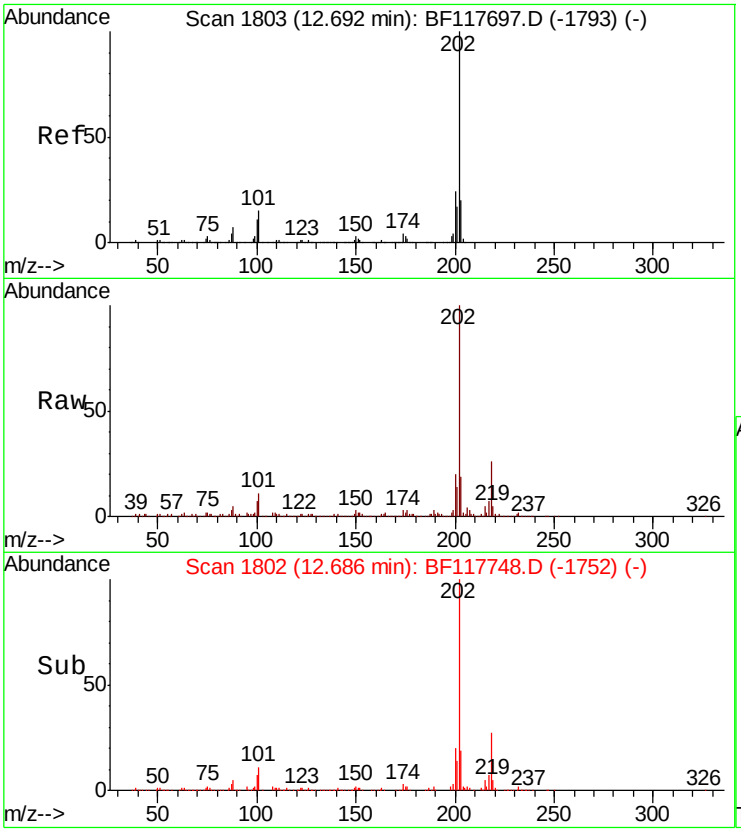


#72
Anthracene
Concen: 3.425 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:178 Resp: 212148

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	18.5	13.5	20.3



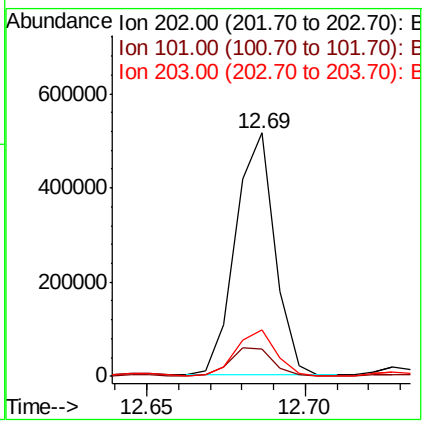


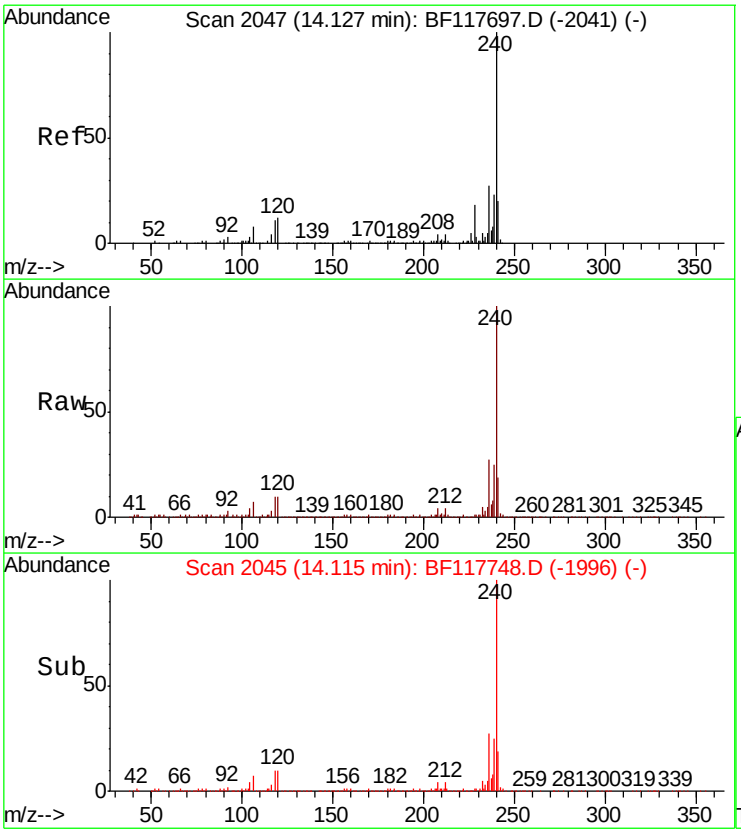
#75
Fluoranthene
Concen: 6.911 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:202 Resp: 439264

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.5
203	19.3	0.0	39.8

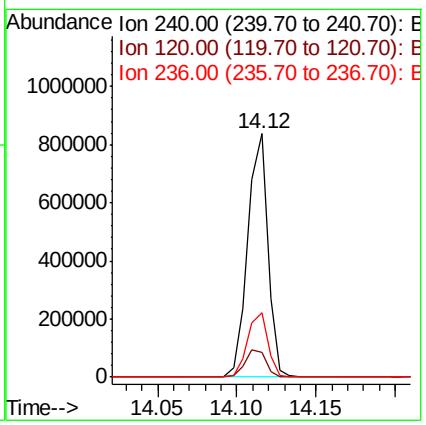


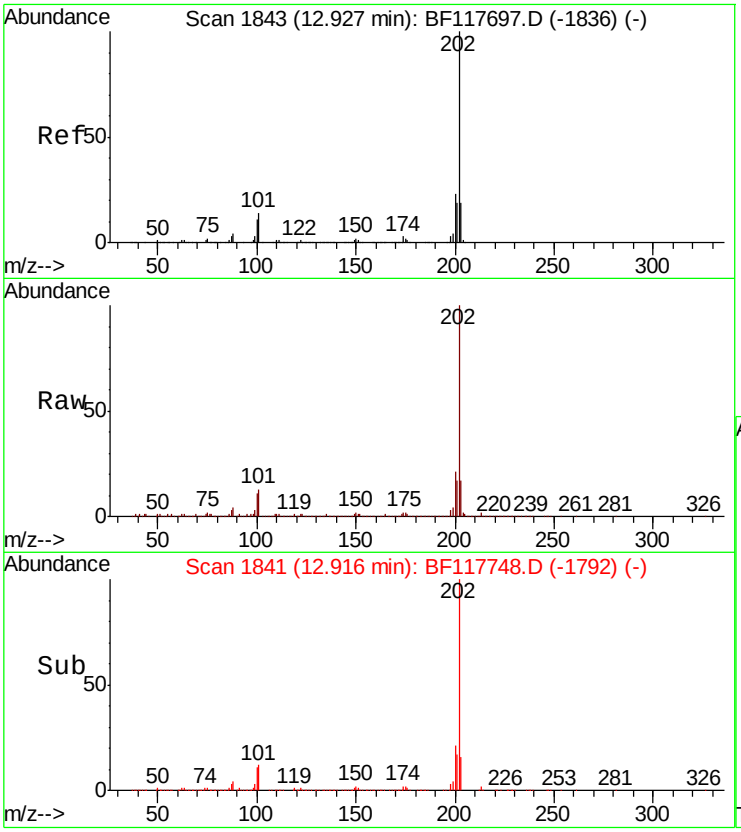


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:240 Resp: 740746

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.7	14.5
236	26.7	21.9	32.9



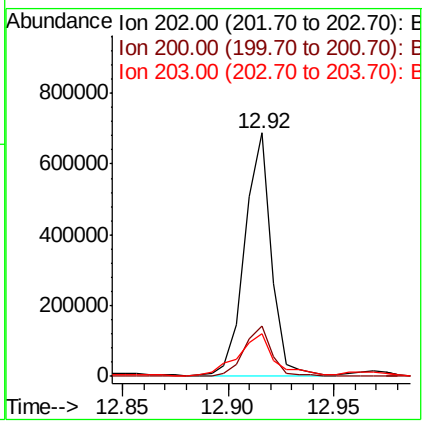


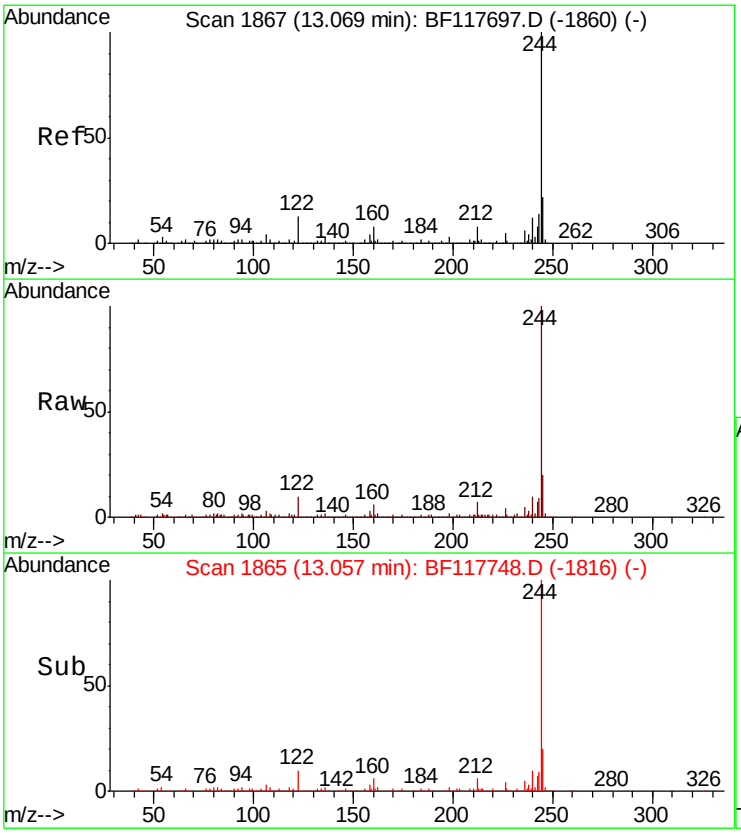
#78
Pyrene
Concen: 10.994 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:202 Resp: 594509

Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.8	28.2
203	17.3	15.2	22.8

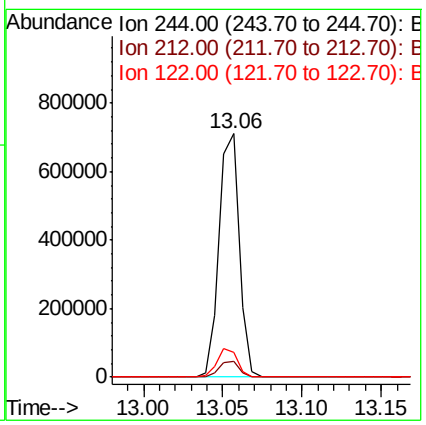


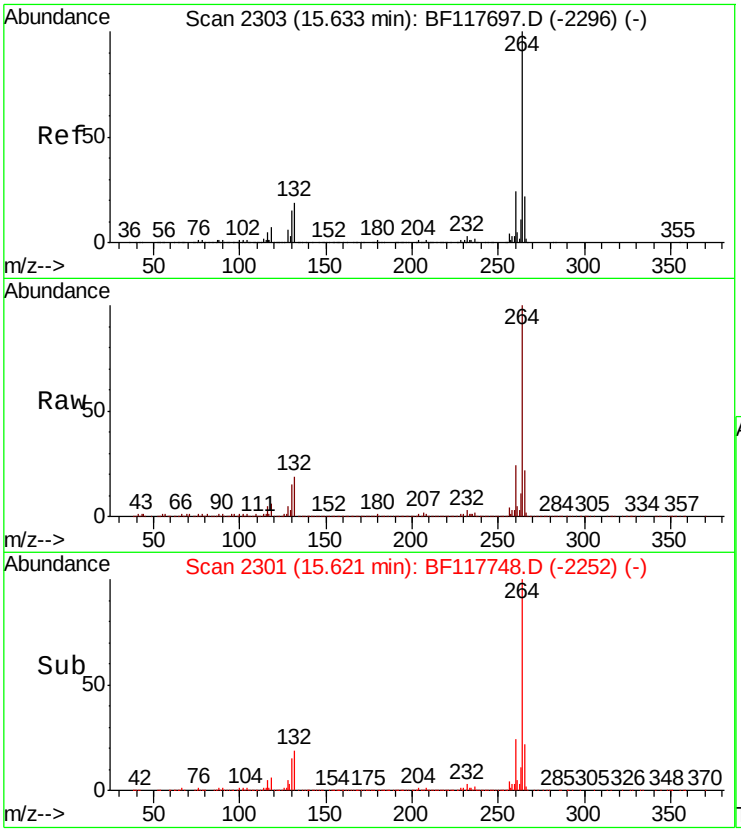


#79
Terphenyl-d14
Concen: 17.526 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Tgt Ion:244 Resp: 630645

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.4	9.6
122	10.0	10.0	15.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF117748.D
Acq: 8 Nov 2019 22:58

Instrument :
BNA_F
ClientSampleId :
5-ADL

Tgt Ion:264 Resp: 841534

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.4	17.7	26.5