Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116825.D
Acq On : 4 Sep 2019 19:36
Operator : HP/JU
Sample : K4655-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-D

Quant Time: Sep 05 04:30:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68026	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	272551	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	135486	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	205449	20.00	ng	0.00
76) Chrysene-d12	14.00	240	138851	20.00	ng	0.00
87) Perylene-d12	15.45	264	124455	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	441531	105.15	ng	0.00
7) Phenol-d6	6.48	99	602158	109.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	364369	76.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	100906	111.41	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	596756	74.30	ng	0.00
79) Terphenyl-d14	12.94	244	463144	61.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	16099	2.637	ng	96
50) Dimethylphthalate	9.59	163	70585	7.546	ng	98
52) Acenaphthene	9.92	154	15709	2.077	ng	91
58) Fluorene	10.43	166	27941	3.439	ng	99
71) Phenanthrene	11.39	178	109138	9.543	ng	99
72) Anthracene	11.44	178	28893	2.510	ng	99
75) Fluoranthene	12.57	202	76610	6.816	ng	98
78) Pyrene	12.80	202	65574	5.313	ng	100
81) Benzo(a)anthracene	13.99	228	20442	2.326	ng	100
83) Chrysene	14.02	228	21515m	2.376	ng	
88) Benzo(b)fluoranthene	15.03	252	17367m	2.308	ng	

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

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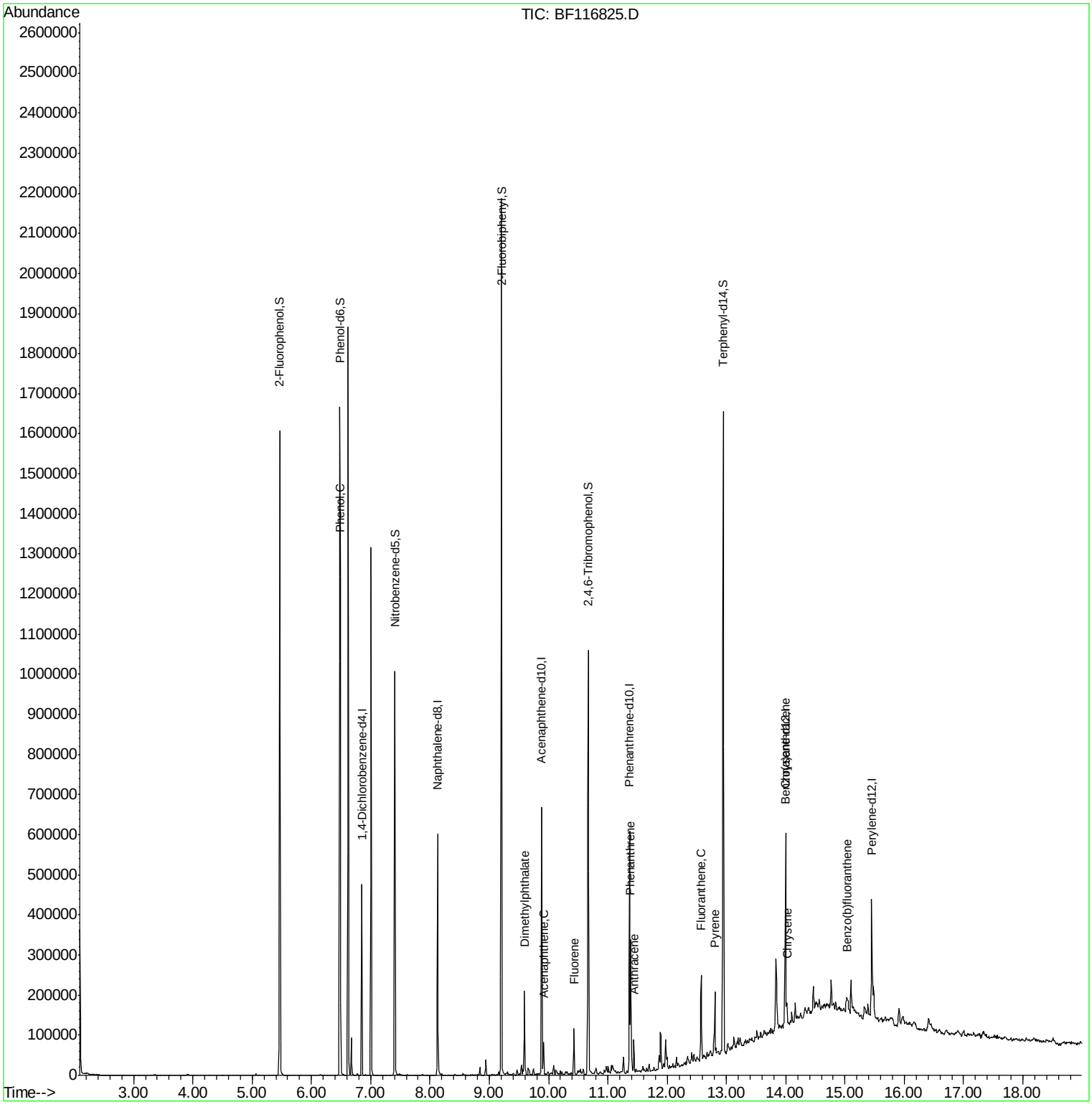
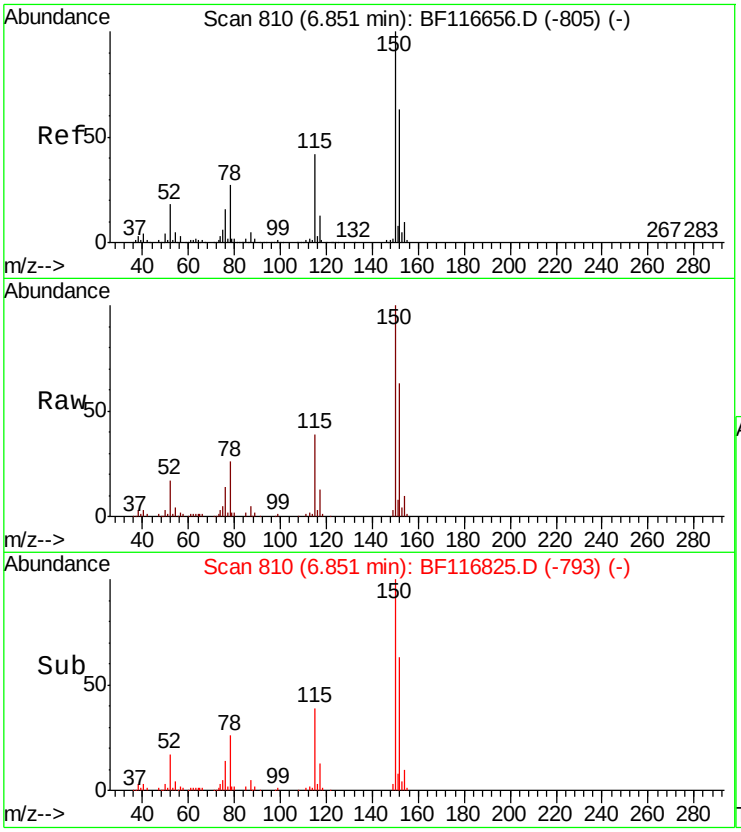


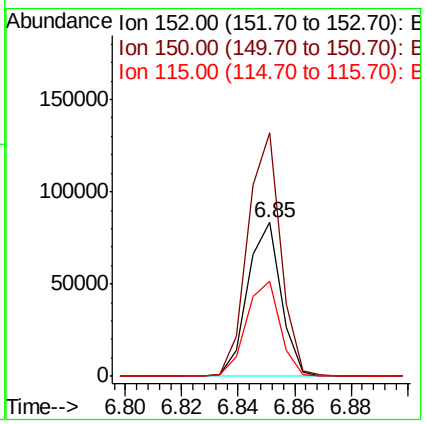


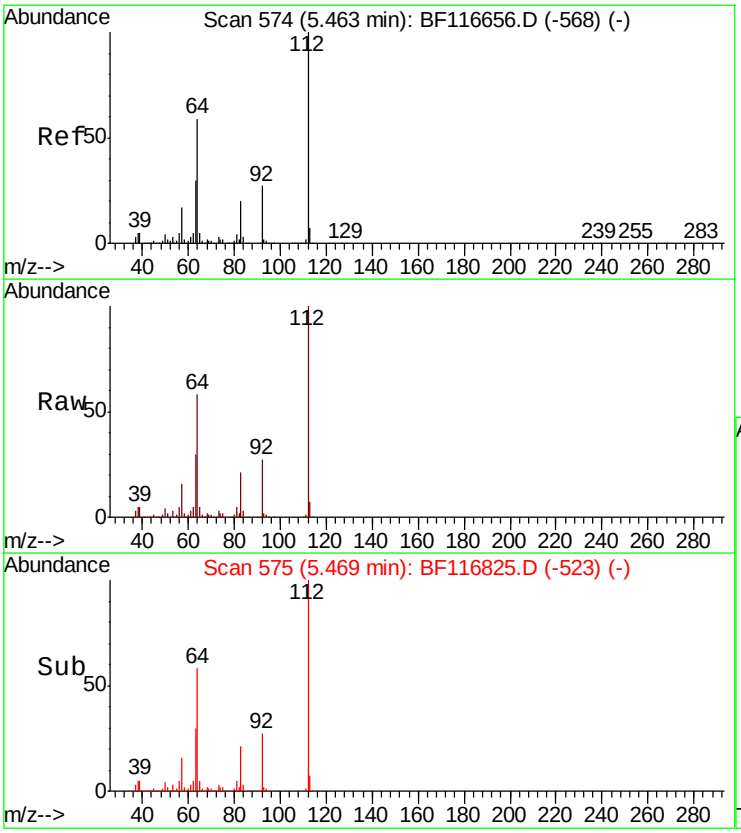
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:152 Resp: 68026

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.4	186.6
115	62.4	49.9	74.9

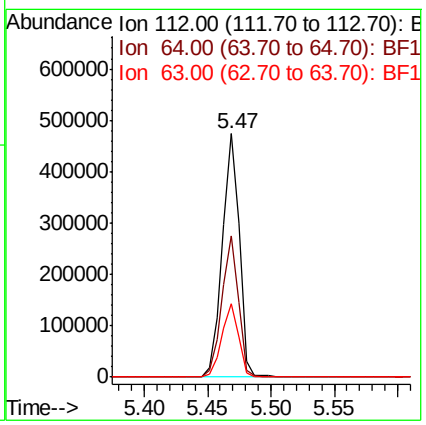


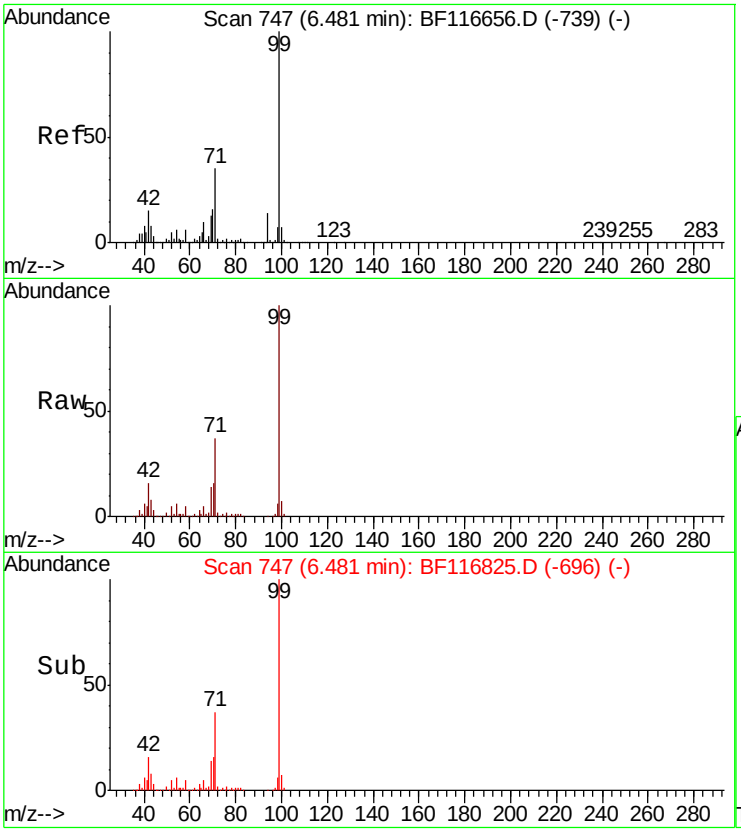


#5
2-Fluorophenol
Concen: 105.152 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:112 Resp: 441531

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	30.0	24.9	37.3



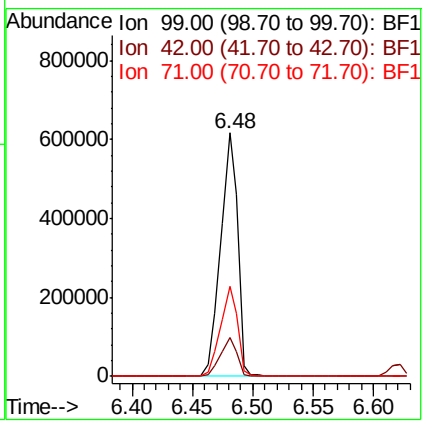


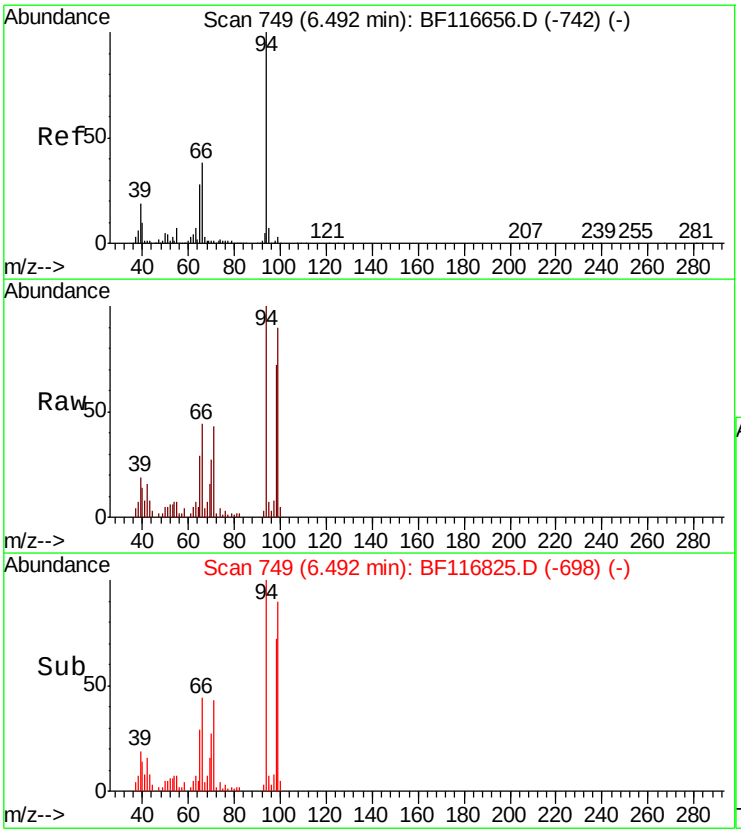
#7
Phenol-d6
Concen: 109.211 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion: 99 Resp: 602158

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.7	20.5
71	36.9	30.8	46.2

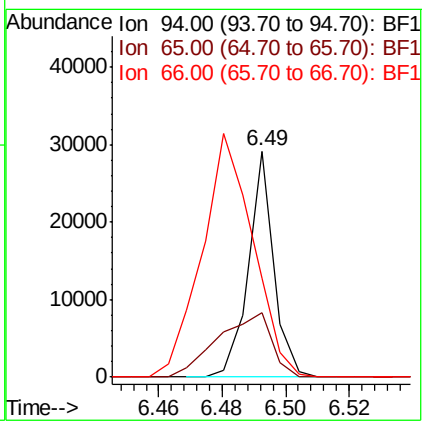


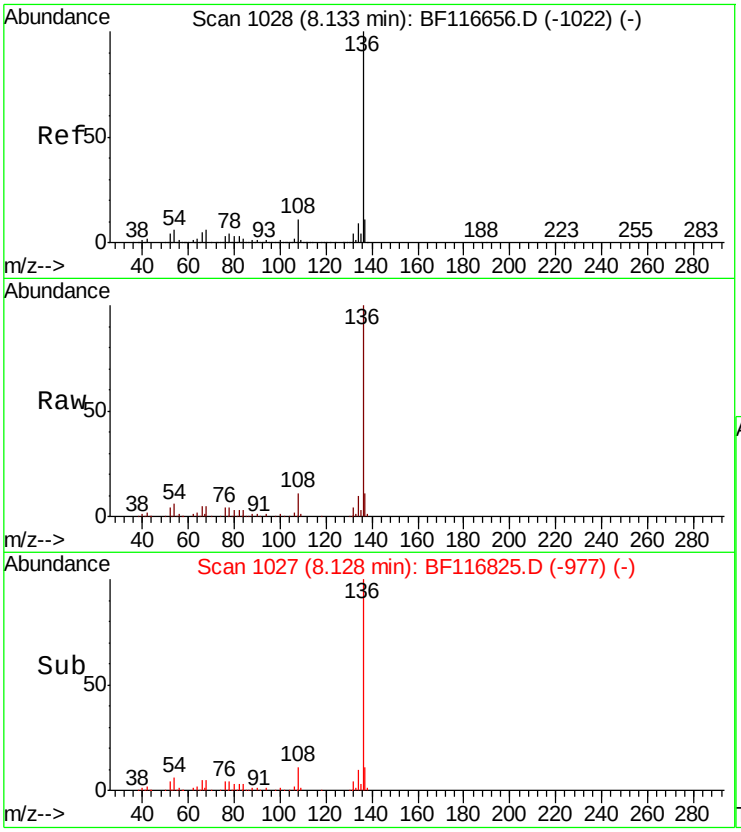


#10
Phenol
Concen: 2.637 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion: 94 Resp: 16099

Ion	Ratio	Lower	Upper
94	100		
65	28.7	10.8	50.8
66	43.9	21.1	61.1



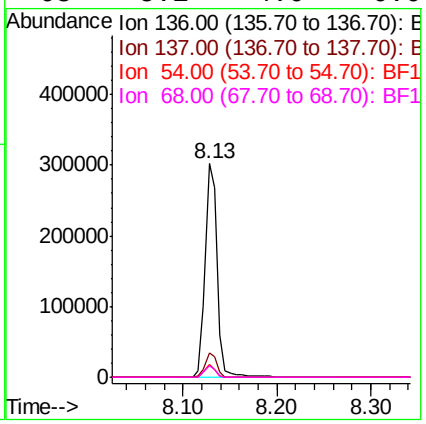


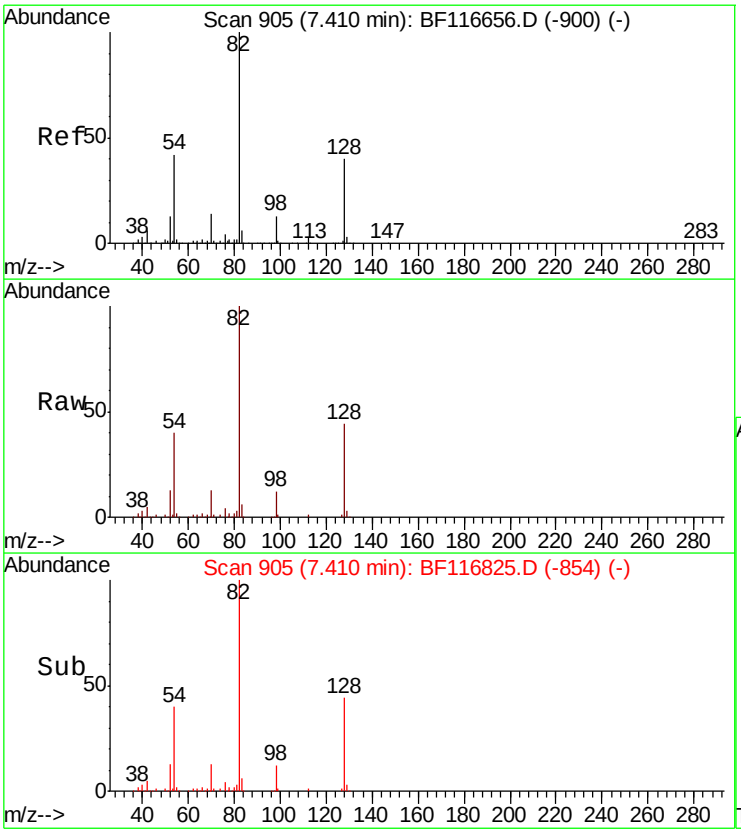
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:136 Resp: 272551

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.8	4.8	7.2
68	5.1	4.0	6.0

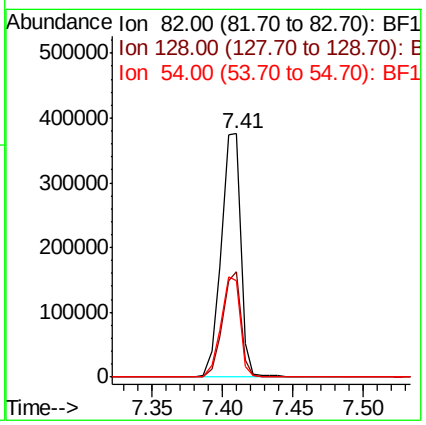


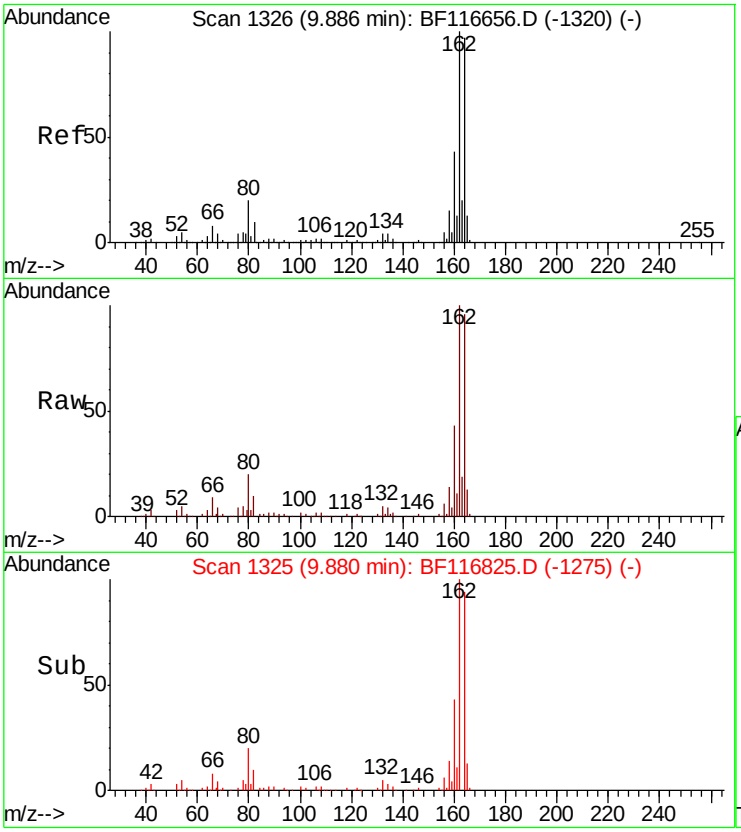


#23
Nitrobenzene-d5
Concen: 76.319 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion: 82 Resp: 364369

Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.8	49.2
54	39.5	36.9	55.3



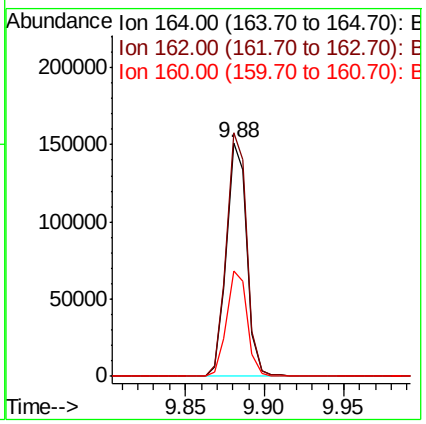


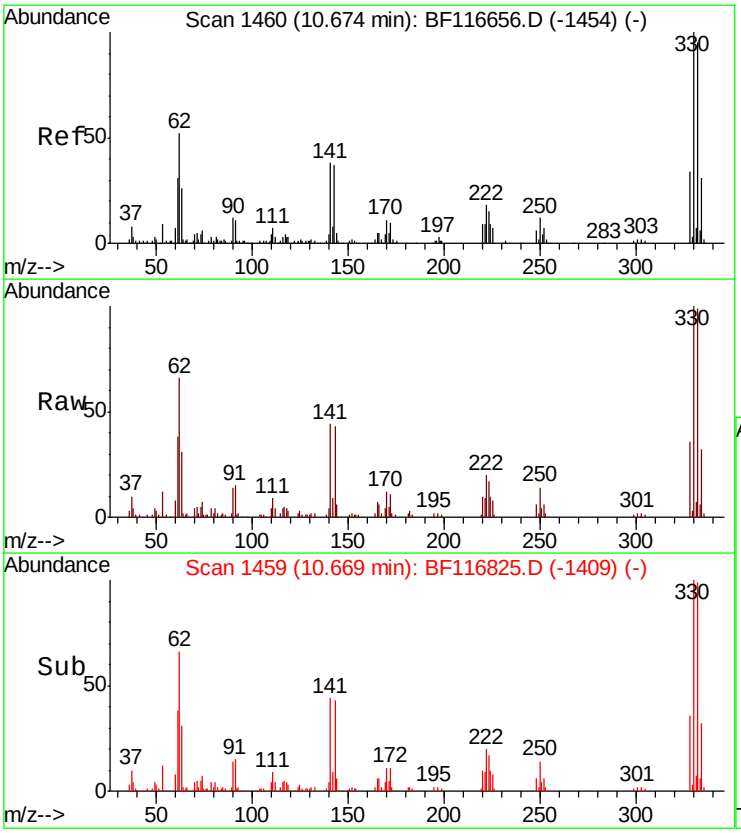
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:164 Resp: 135486

Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.0
160	45.0	35.4	53.2

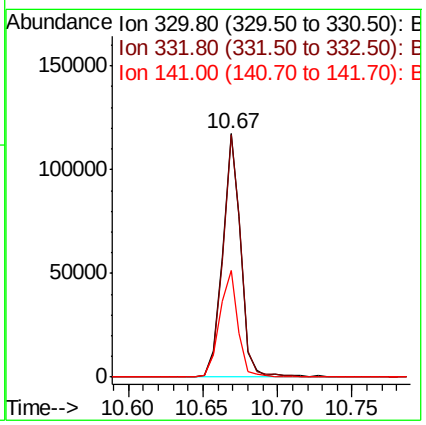


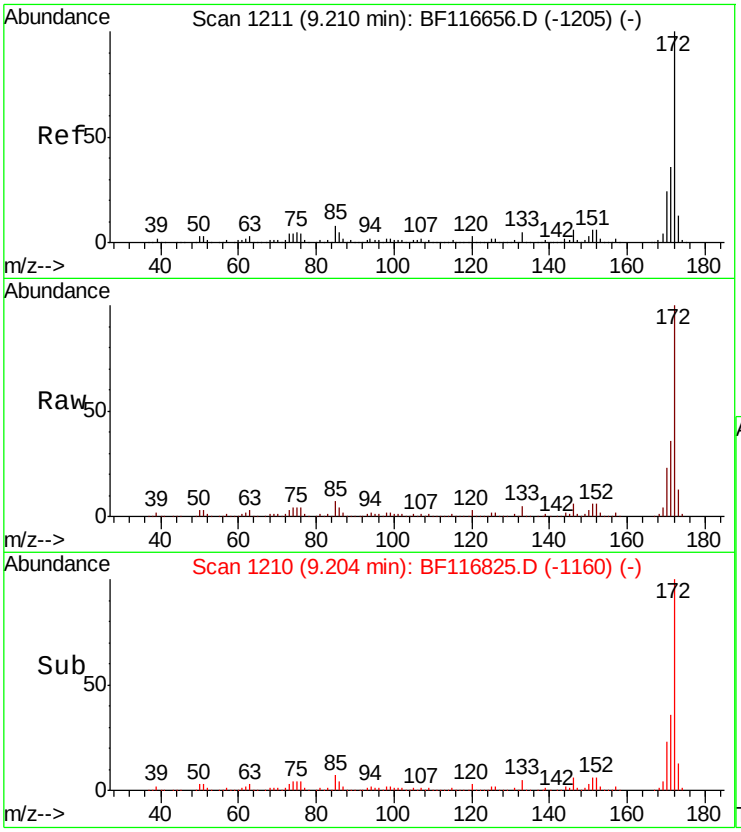


#42
2,4,6-Tribromophenol
Concen: 111.406 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:330 Resp: 100906

Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.9	115.3
141	44.2	31.4	47.2



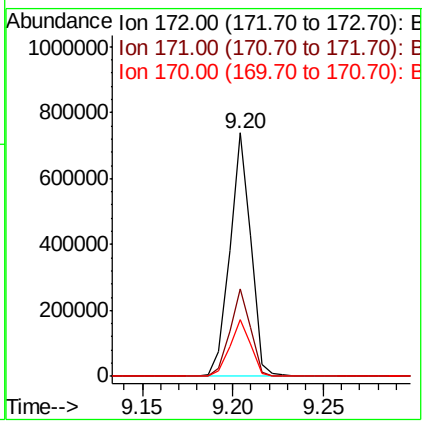


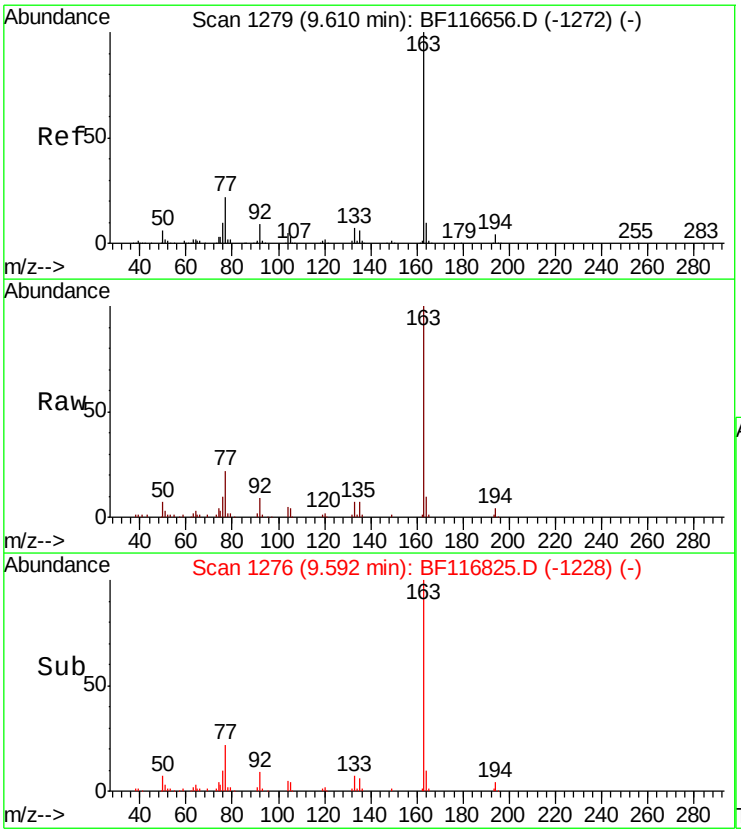
#45
2-Fluorobiphenyl
Concen: 74.300 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:172 Resp: 596756

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.6
170	23.3	18.9	28.3

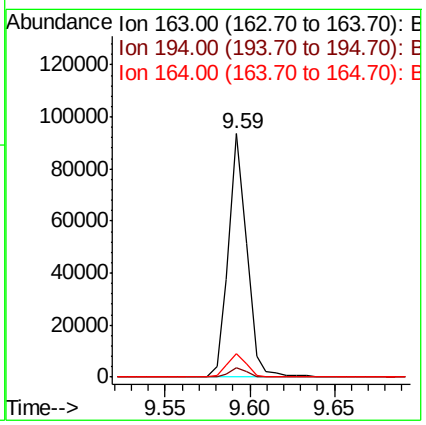


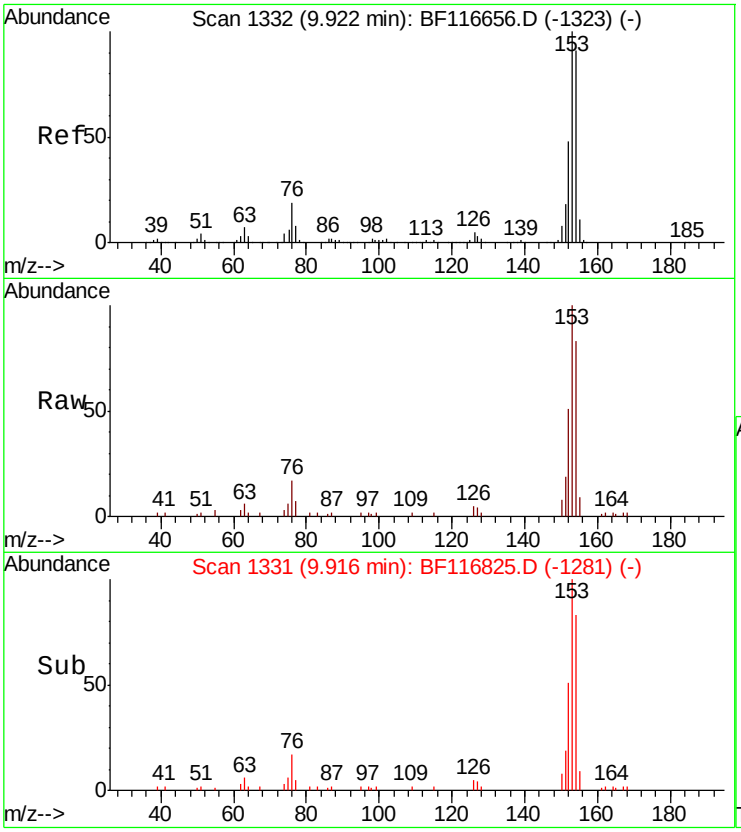


#50
Dimethylphthalate
Concen: 7.546 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:163 Resp: 70585

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.8	8.6	12.8



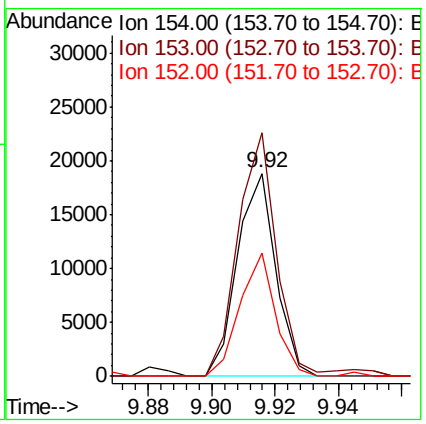


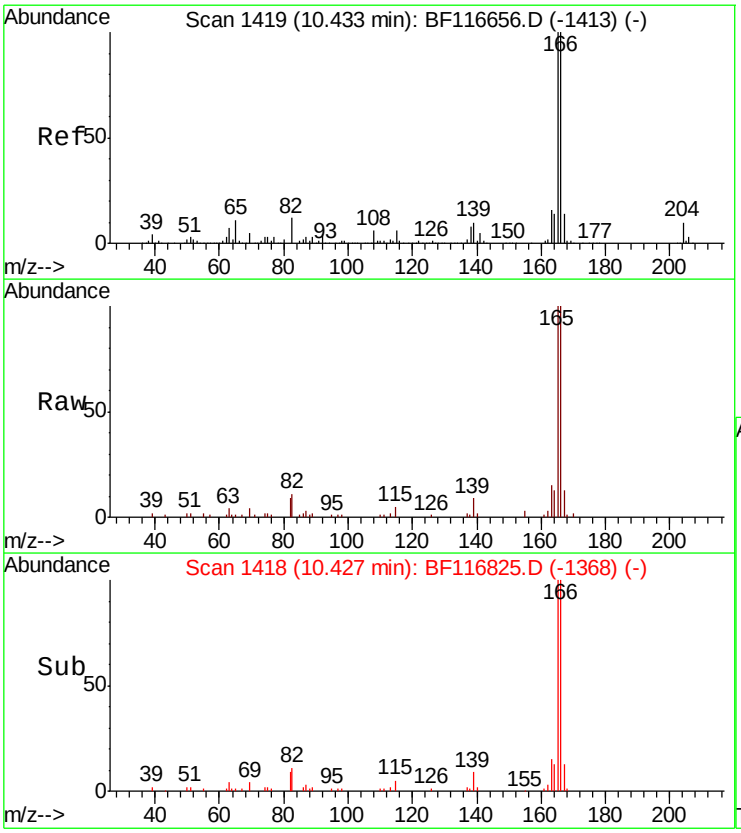
#52
Acenaphthene
Concen: 2.077 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:154 Resp: 15709

Ion	Ratio	Lower	Upper
154	100		
153	120.1	89.5	134.3
152	60.7	41.9	62.9

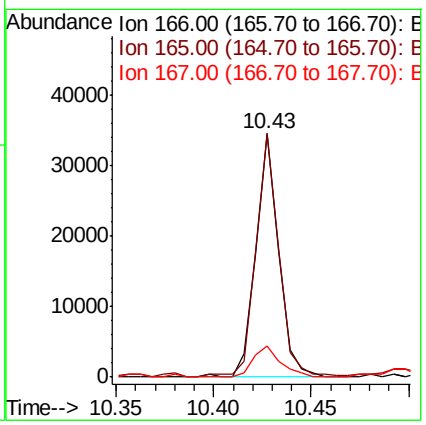


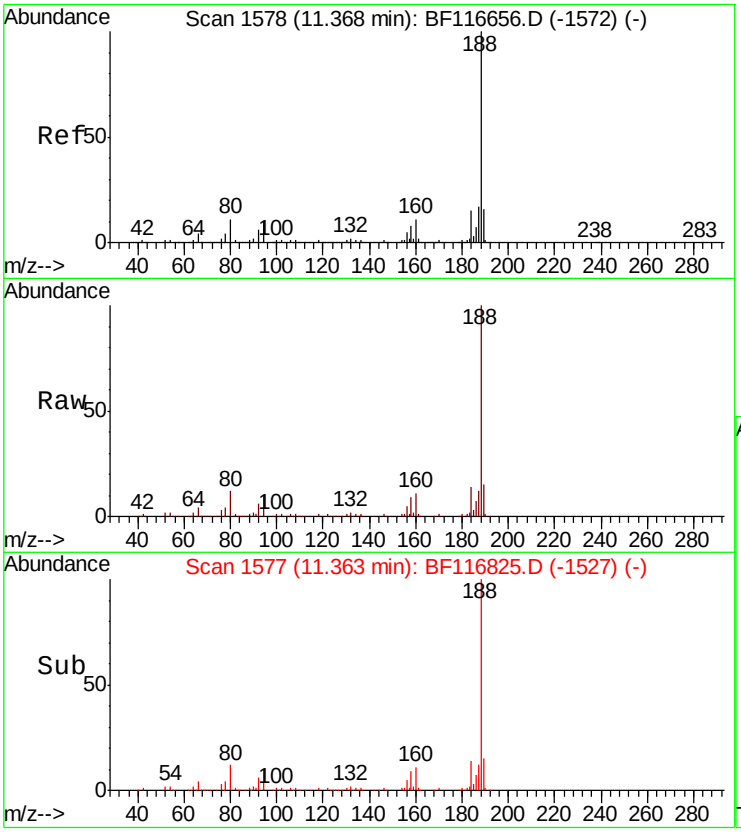


#58
Fluorene
Concen: 3.439 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:166 Resp: 27941

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.8	118.2
167	13.0	10.0	15.0



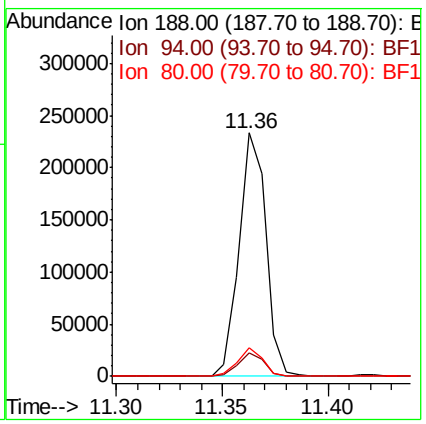


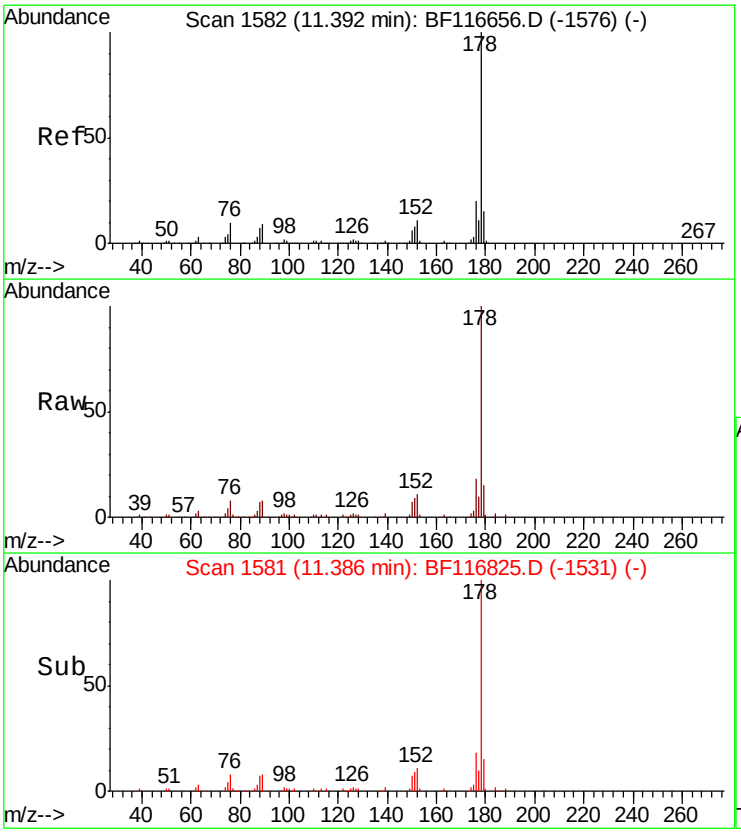
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:188 Resp: 205449

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.3	10.9
80	11.6	8.4	12.6

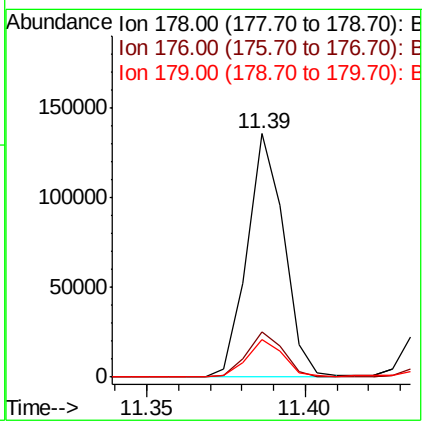


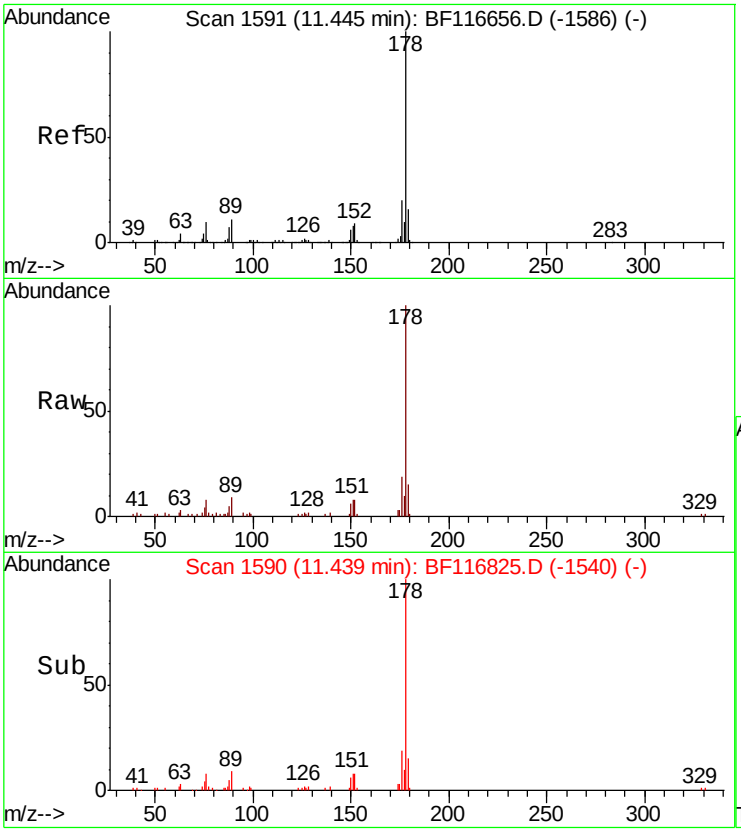


#71
Phenanthrene
Concen: 9.543 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:178 Resp: 109138

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.4	12.2	18.2



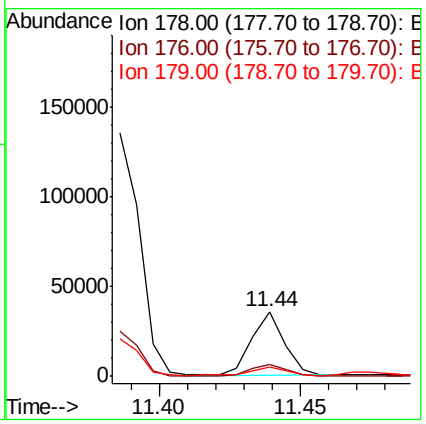


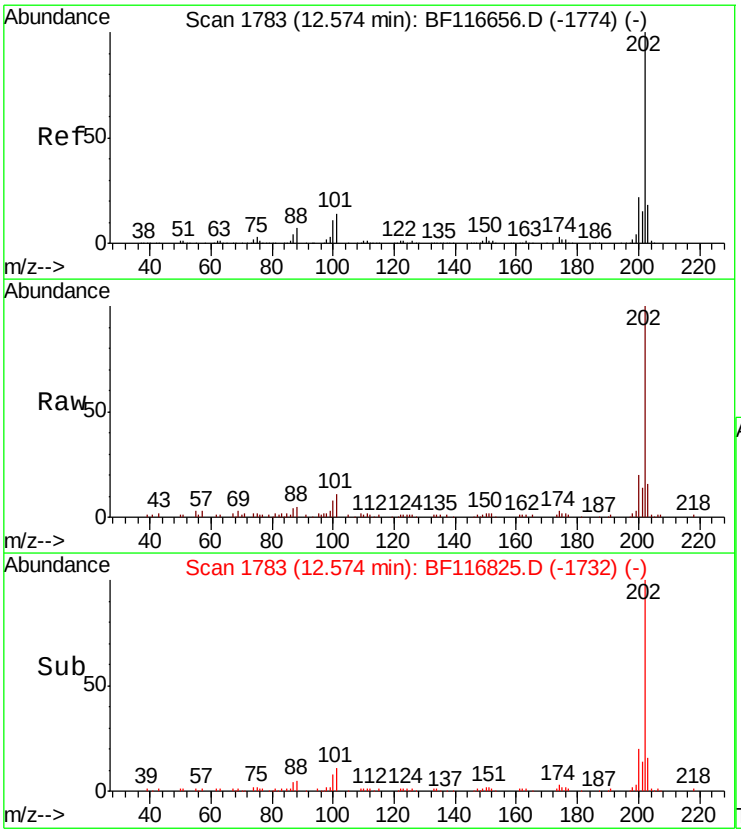
#72
Anthracene
Concen: 2.510 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:178 Resp: 28893

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	14.9	12.5	18.7

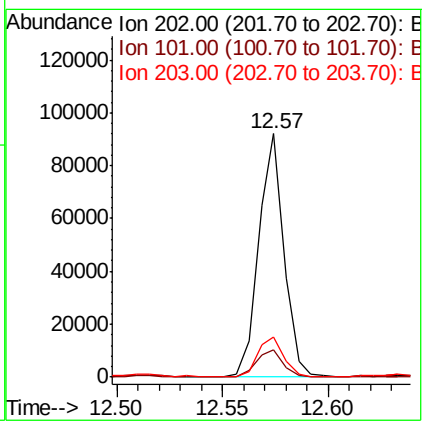


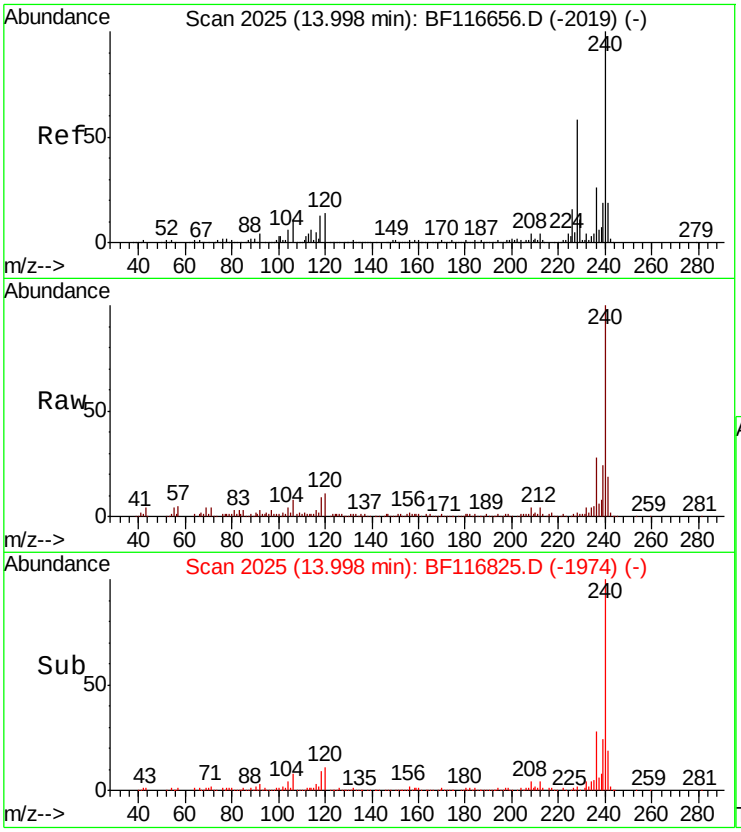


#75
Fluoranthene
Concen: 6.816 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:202 Resp: 76610

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	16.3	0.0	37.6



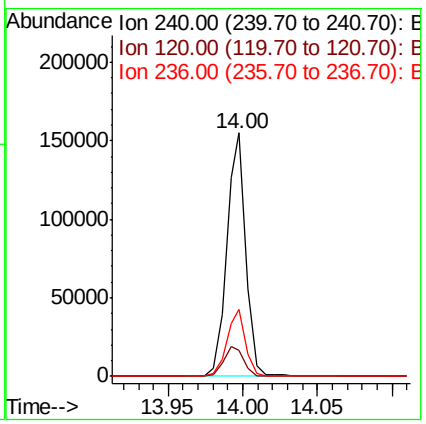


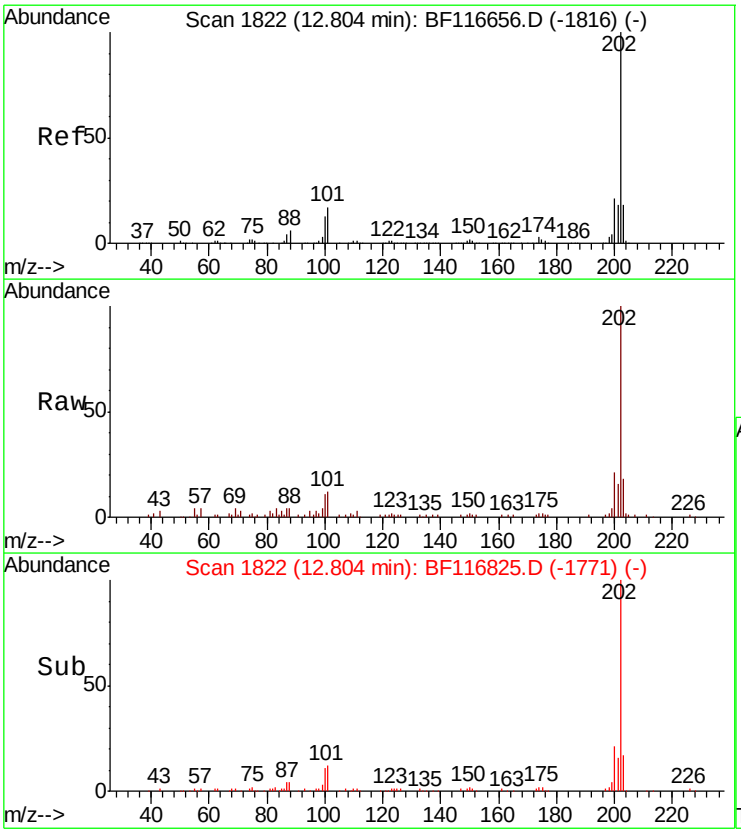
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:240 Resp: 138851

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	27.6	21.1	31.7

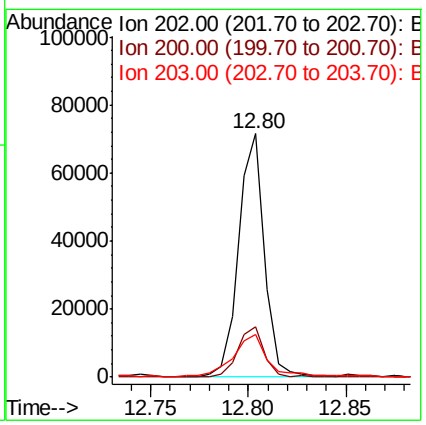


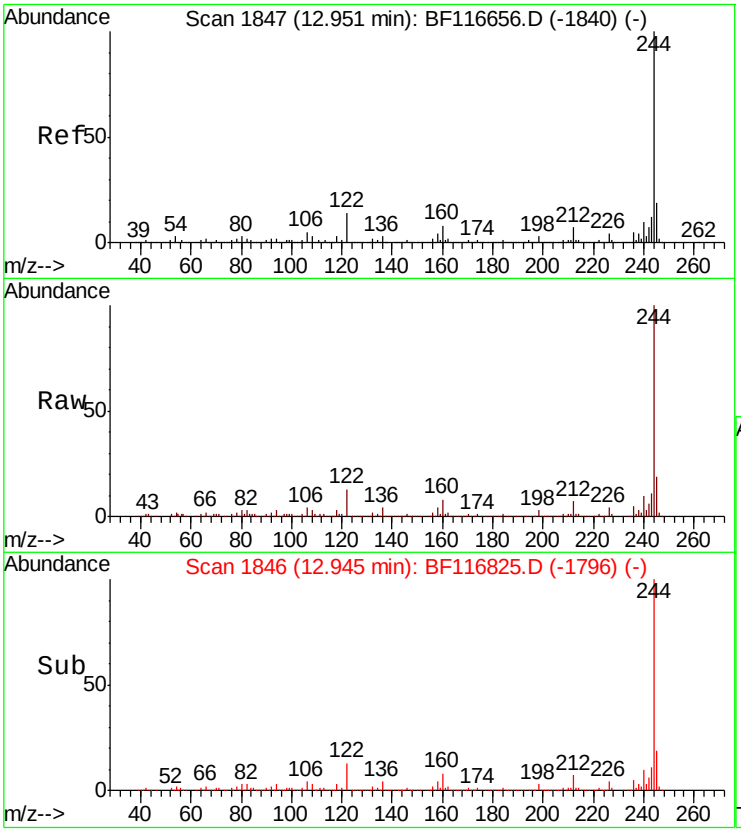


#78
Pyrene
Concen: 5.313 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:202 Resp: 65574

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.7	20.5



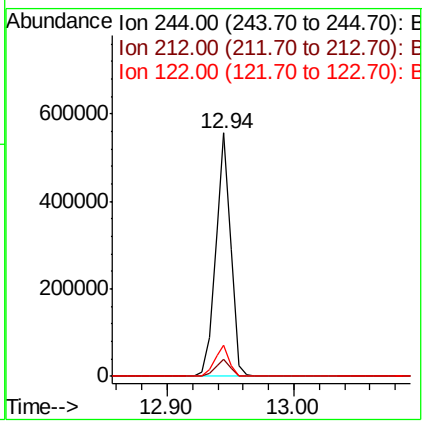


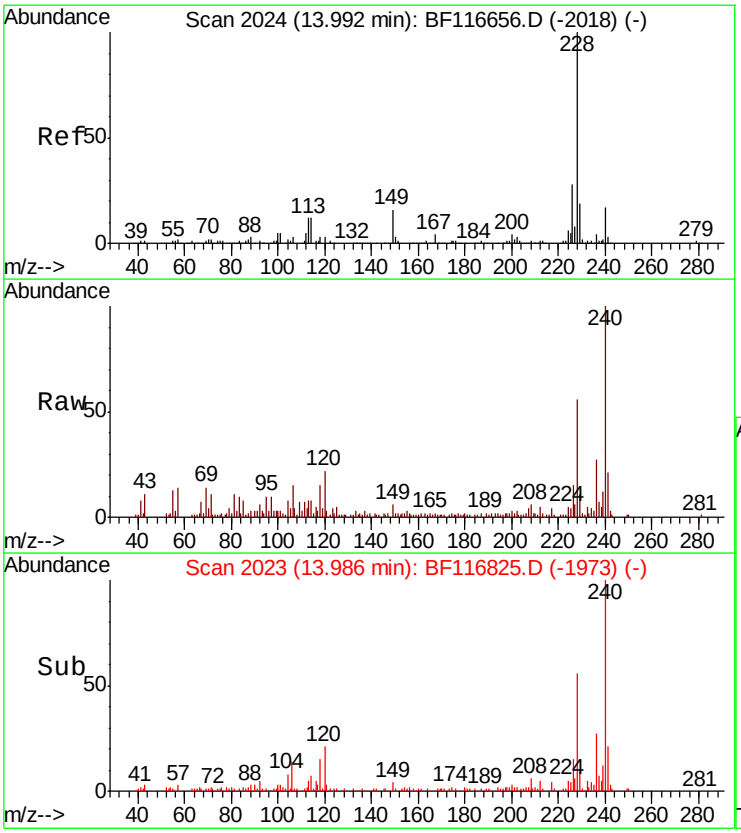
#79
Terphenyl-d14
Concen: 61.706 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:244 Resp: 463144

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	12.6	10.2	15.4

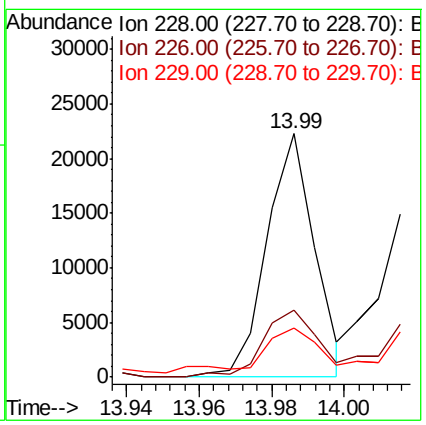


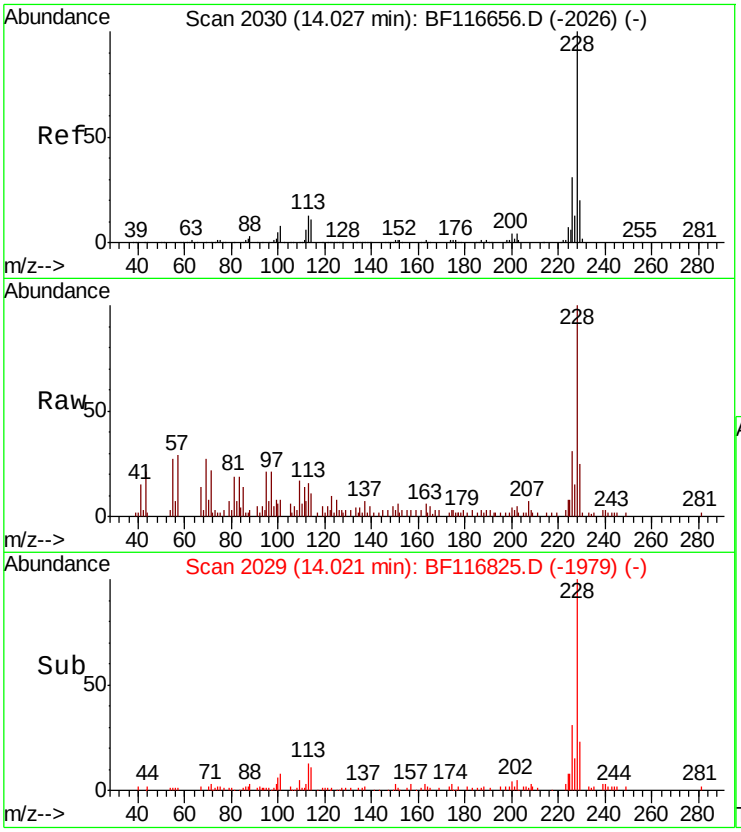


#81
Benzo(a)anthracene
Concen: 2.326 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:228 Resp: 20442

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	20.4	16.4	24.6



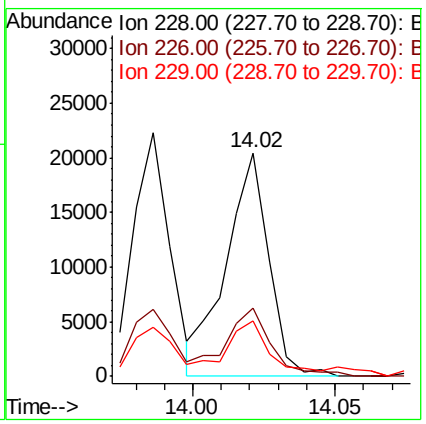


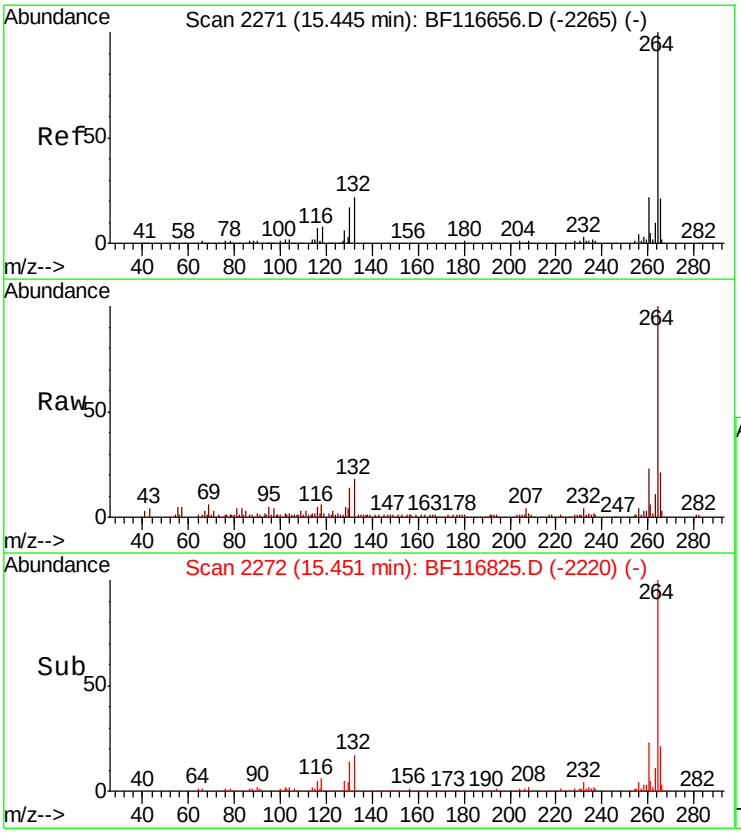
#83
Chrysene
Concen: 2.376 ng m
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:228 Resp: 21515

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	24.9	15.4	23.0#

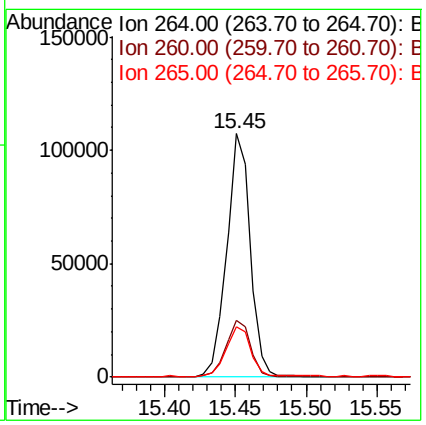


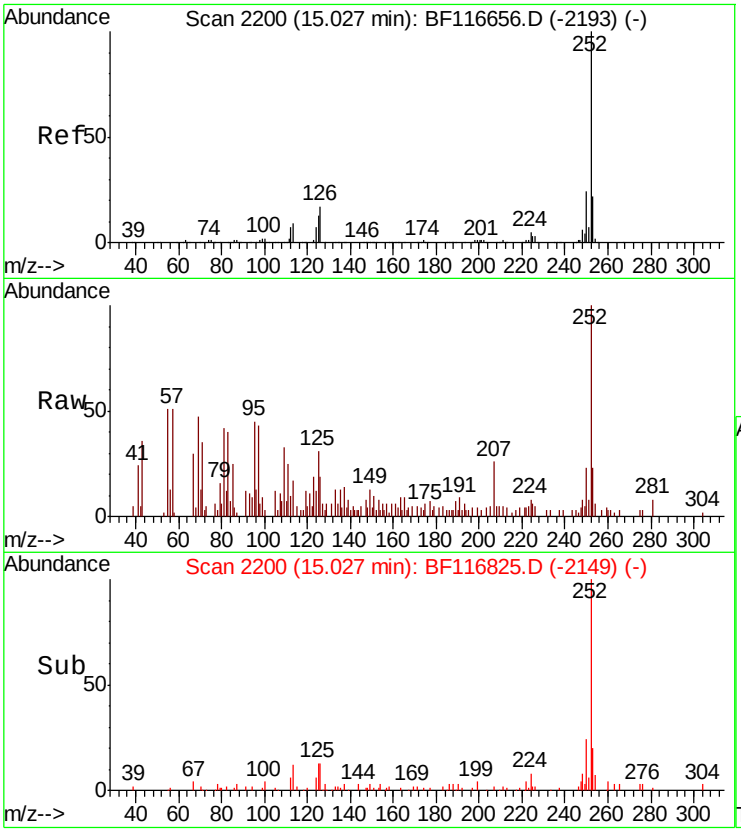


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Tgt Ion:264 Resp: 124455

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	20.8	16.5	24.7





#88
Benzo(b)fluoranthene
Concen: 2.308 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116825.D
Acq: 4 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
TP-15-D

Tgt Ion:252 Resp: 17367

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	30.5	8.2	12.2#