Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116824.D
Acq On : 4 Sep 2019 19:09
Operator : HP/JU
Sample : K4655-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-S

Quant Time: Sep 05 04:24:17 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	59587	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	240000	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	124496	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	203858	20.00	ng		0.00
76) Chrysene-d12	14.00	240	143983	20.00	ng		0.00
87) Perylene-d12	15.46	264	139849	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	328242	89.24	ng		0.00
7) Phenol-d6	6.48	99	444234	91.98	ng		0.00
23) Nitrobenzene-d5	7.40	82	271347	64.54	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	86730	104.21	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	473244	64.12	ng		0.00
79) Terphenyl-d14	12.94	244	442775	56.89	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	13708	2.563	ng		93
50) Dimethylphthalate	9.59	163	50905	5.923	ng	#	99
52) Acenaphthene	9.92	154	22070	3.176	ng		96
58) Fluorene	10.43	166	34867	4.671	ng		95
71) Phenanthrene	11.39	178	88132	7.766	ng		98
72) Anthracene	11.44	178	37446	3.278	ng		96
75) Fluoranthene	12.57	202	107603	9.648	ng		100
78) Pyrene	12.80	202	97540	7.621	ng		99
81) Benzo(a)anthracene	13.99	228	31504	3.457	ng		93
83) Chrysene	14.02	228	27498	2.929	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	23646m	2.797	ng		
90) Benzo(a)pyrene	15.39	252	19184	2.608	ng	#	75

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116824.D
Acq On : 4 Sep 2019 19:09
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Misc :
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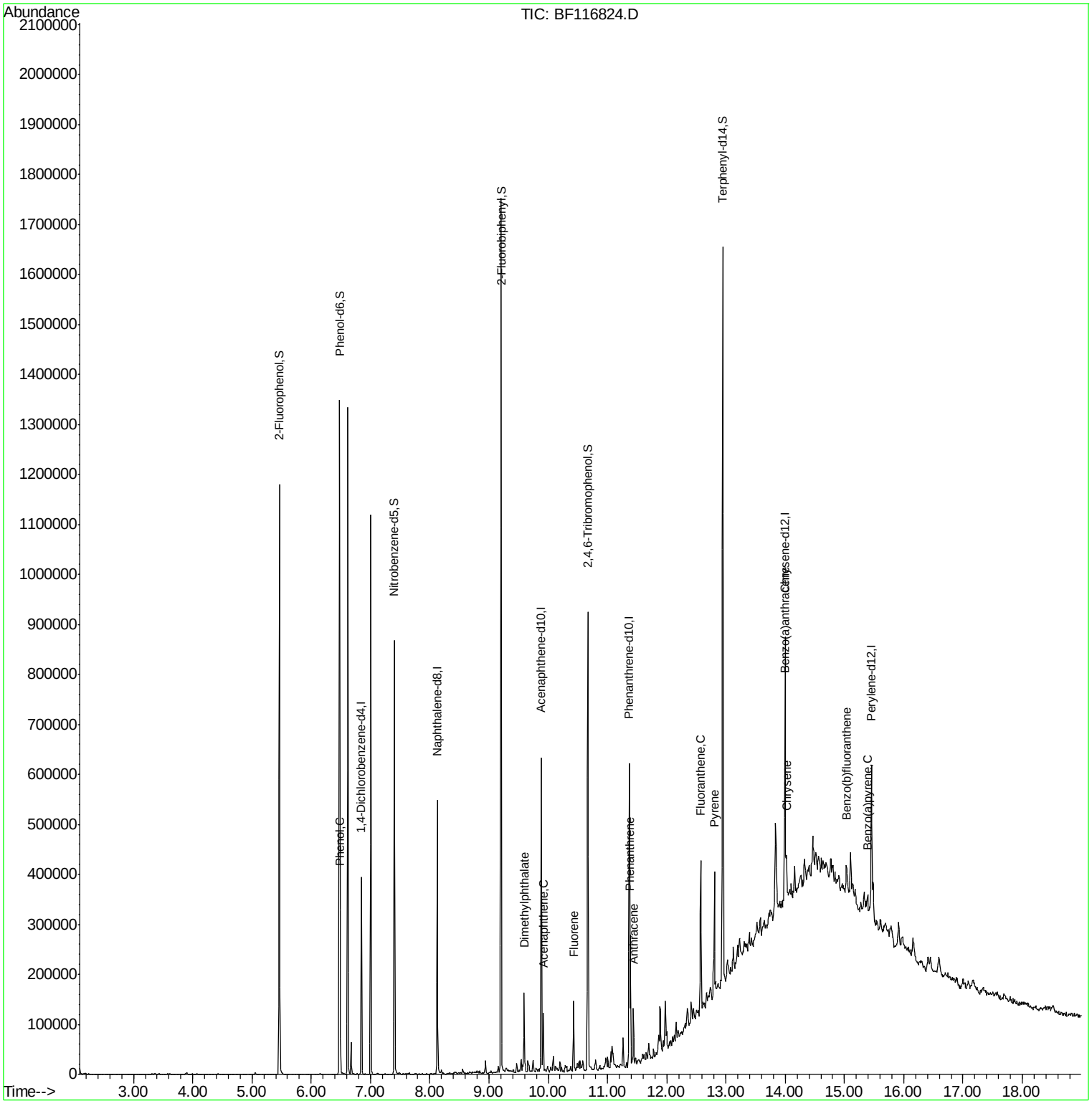
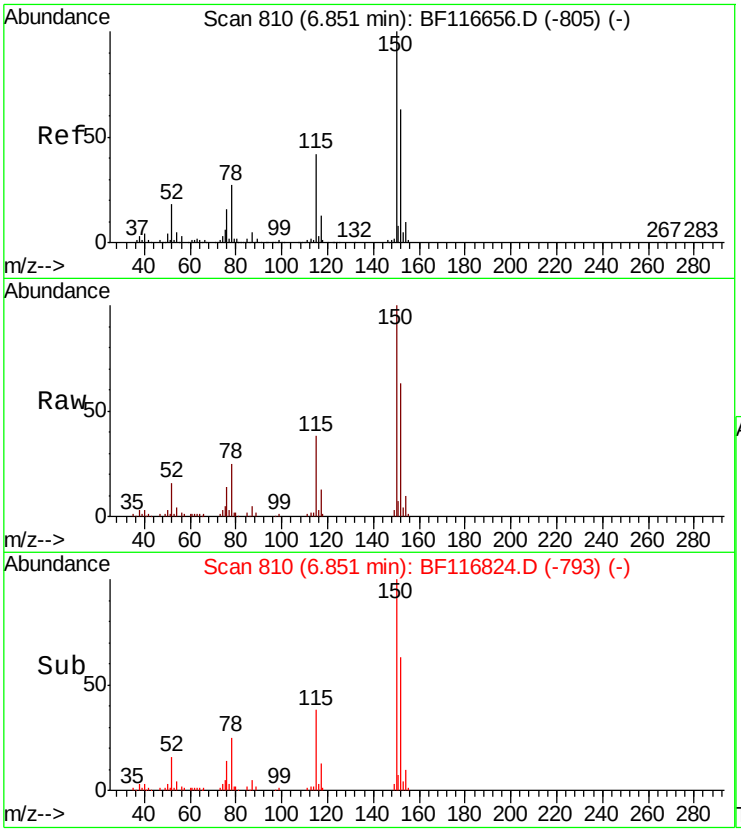
Instrument :
BNA_F
ClientSampleId :
TP-15-S

Quant Time: Sep 05 04:24:17 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



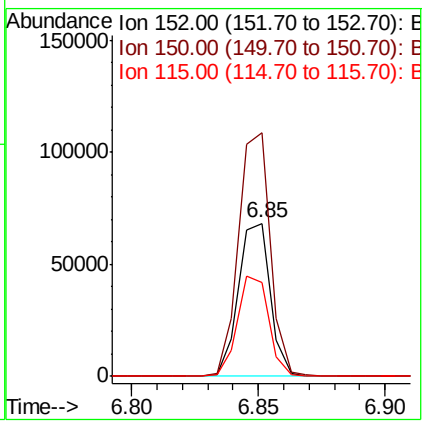


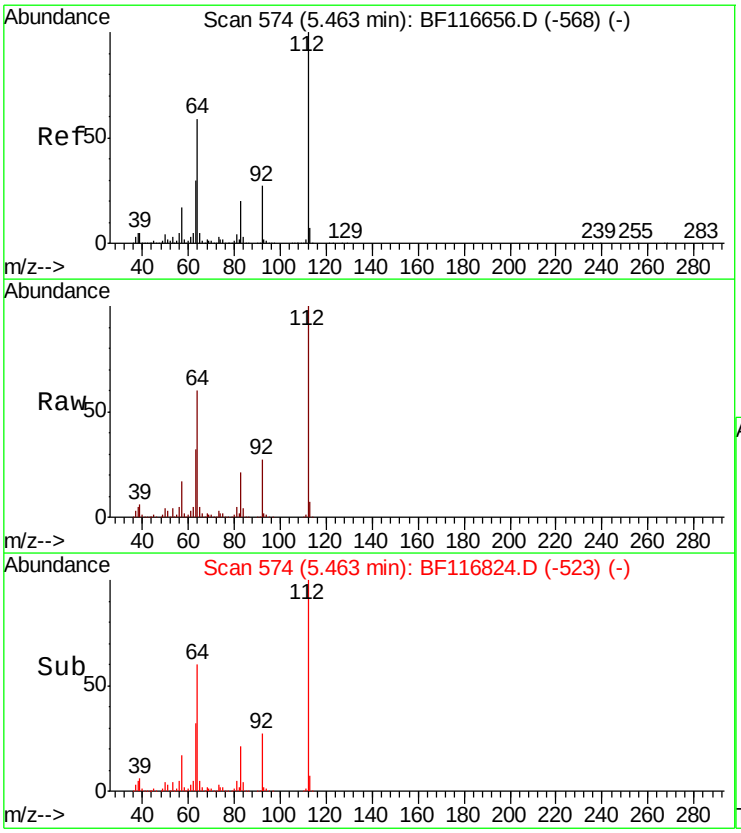
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:152 Resp: 59587

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.4	186.6
115	61.0	49.9	74.9

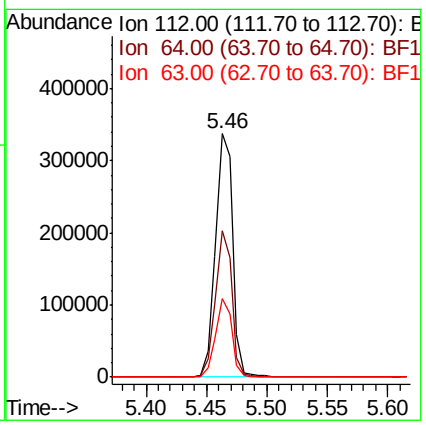


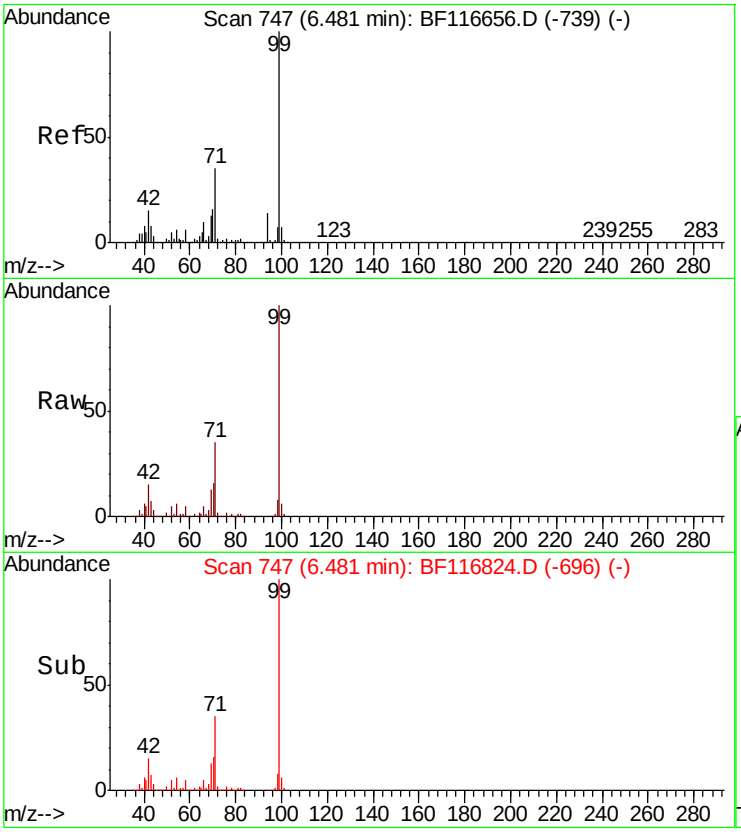


#5
2-Fluorophenol
Concen: 89.243 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:112 Resp: 328242

Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.1	70.7
63	32.2	24.9	37.3



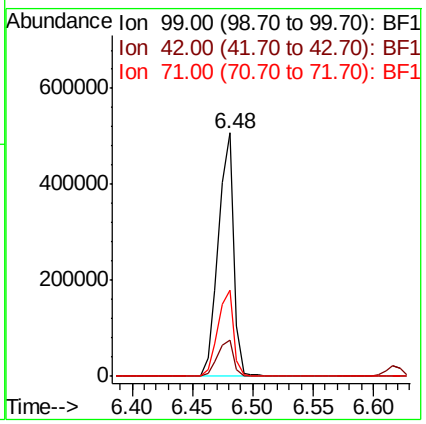


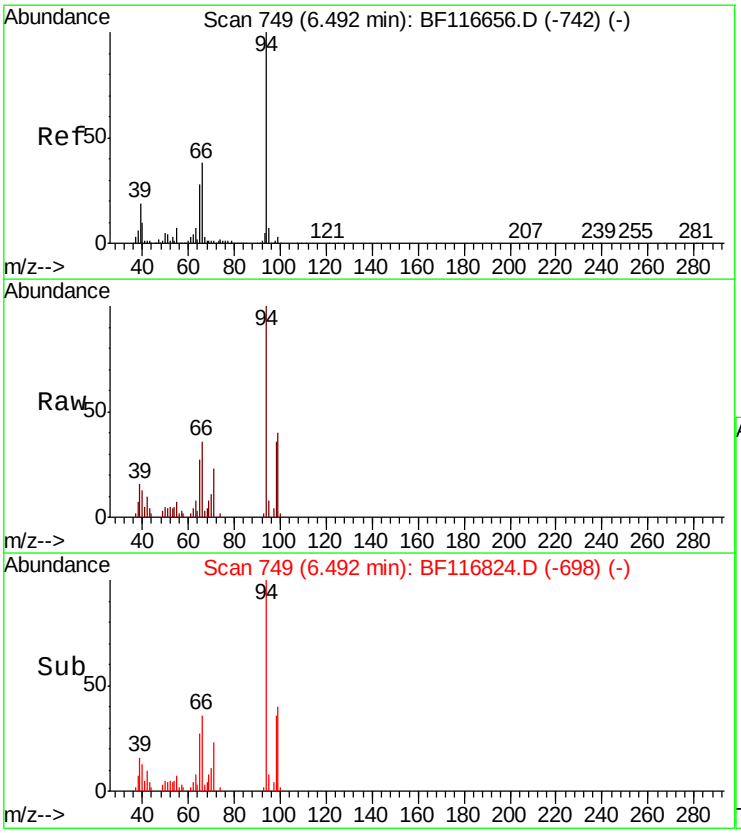
#7
Phenol-d6
Concen: 91.979 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion: 99 Resp: 444234

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	35.4	30.8	46.2

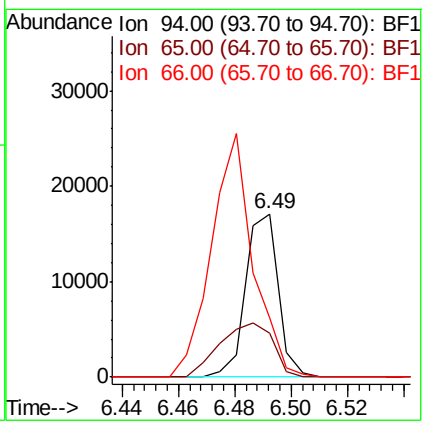


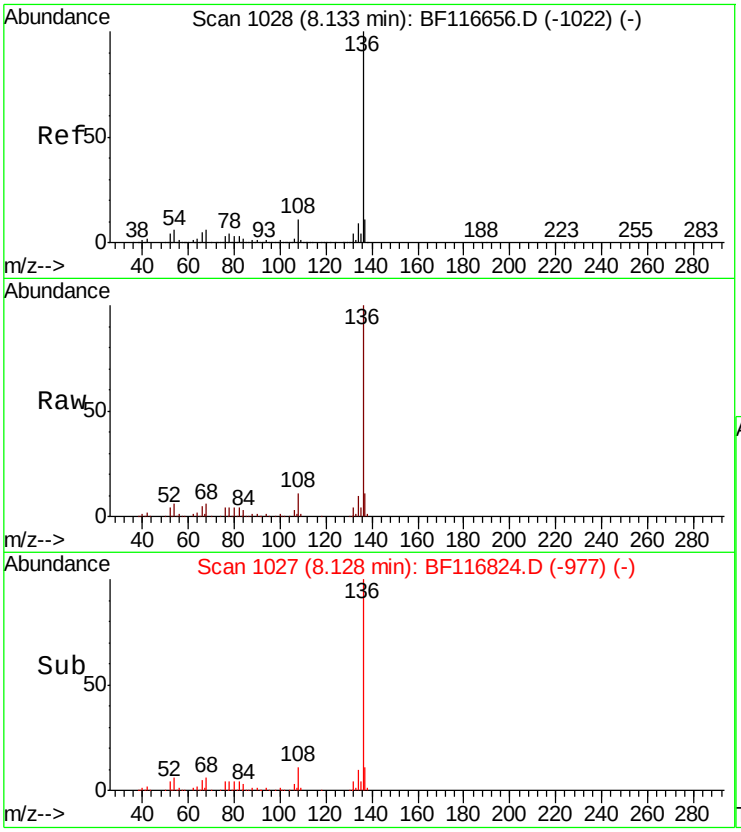


#10
Phenol
Concen: 2.563 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion: 94 Resp: 13708

Ion	Ratio	Lower	Upper
94	100		
65	27.1	10.8	50.8
66	36.1	21.1	61.1



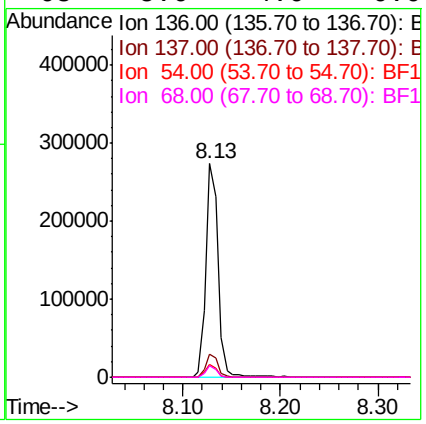


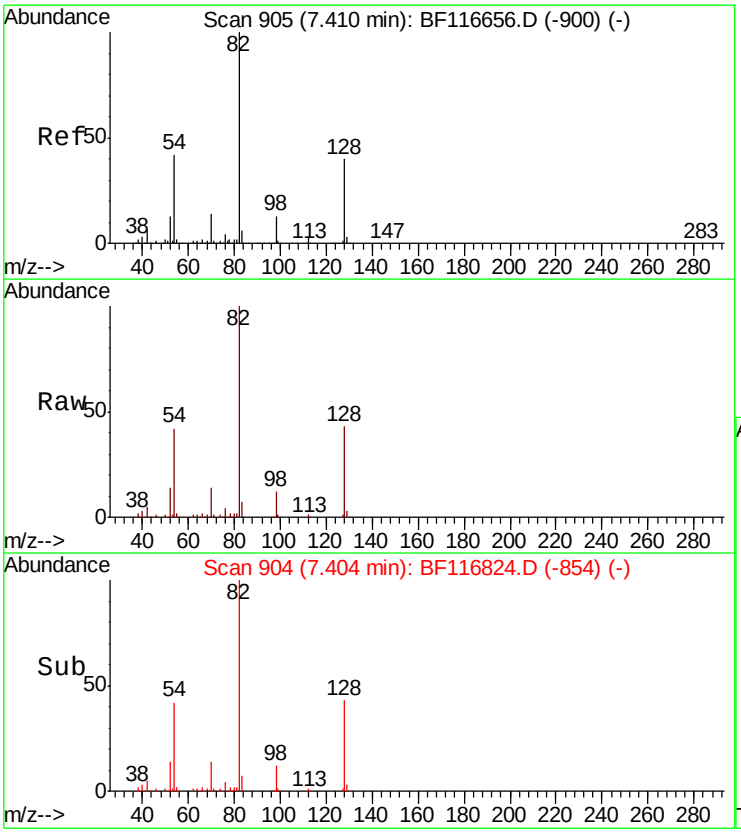
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:136 Resp: 240000

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.8	4.8	7.2
68	5.6	4.0	6.0

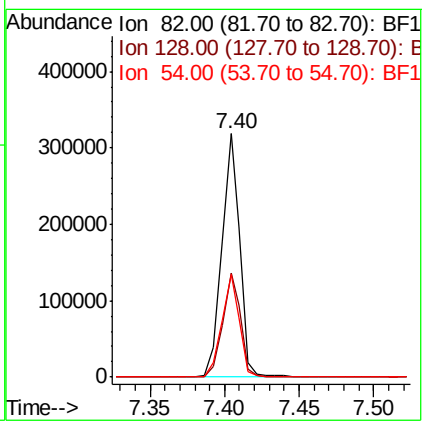


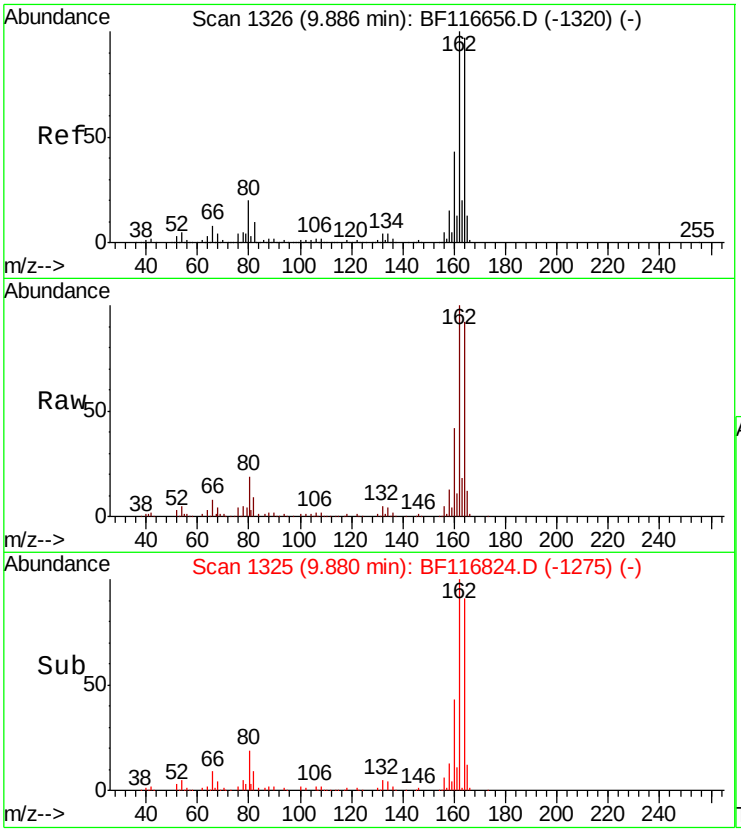


#23
Nitrobenzene-d5
Concen: 64.544 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion: 82 Resp: 271347

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.8	49.2
54	42.0	36.9	55.3



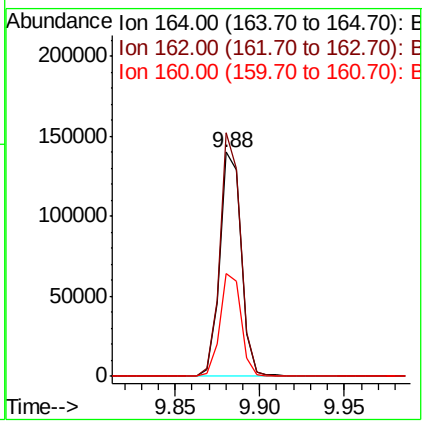


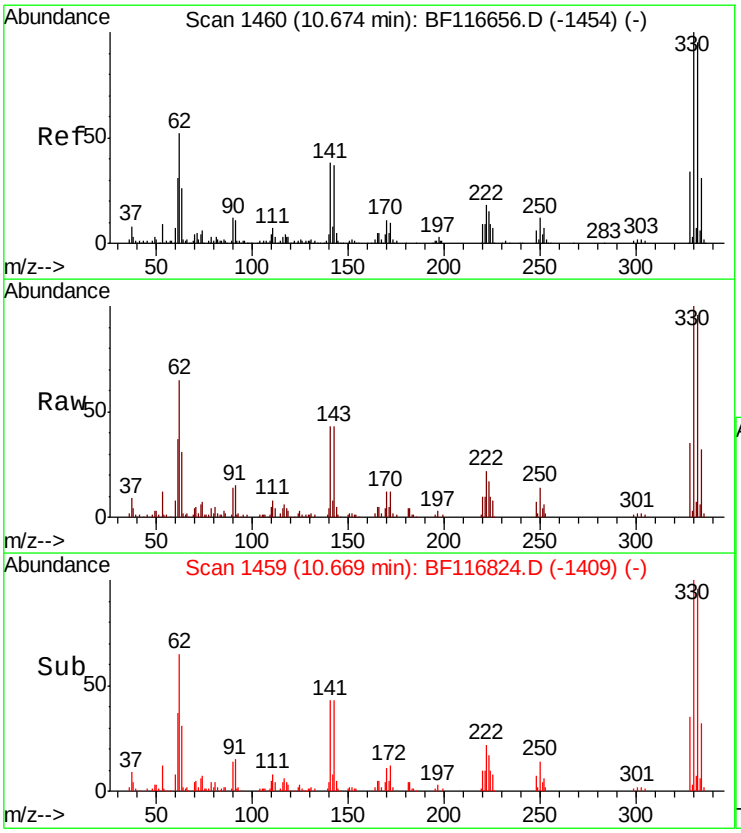
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:164 Resp: 124496

Ion	Ratio	Lower	Upper
164	100		
162	108.6	81.4	122.0
160	45.9	35.4	53.2

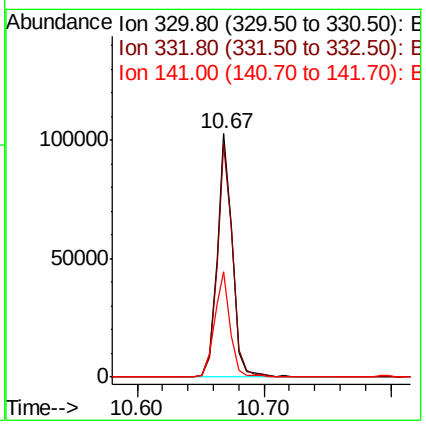


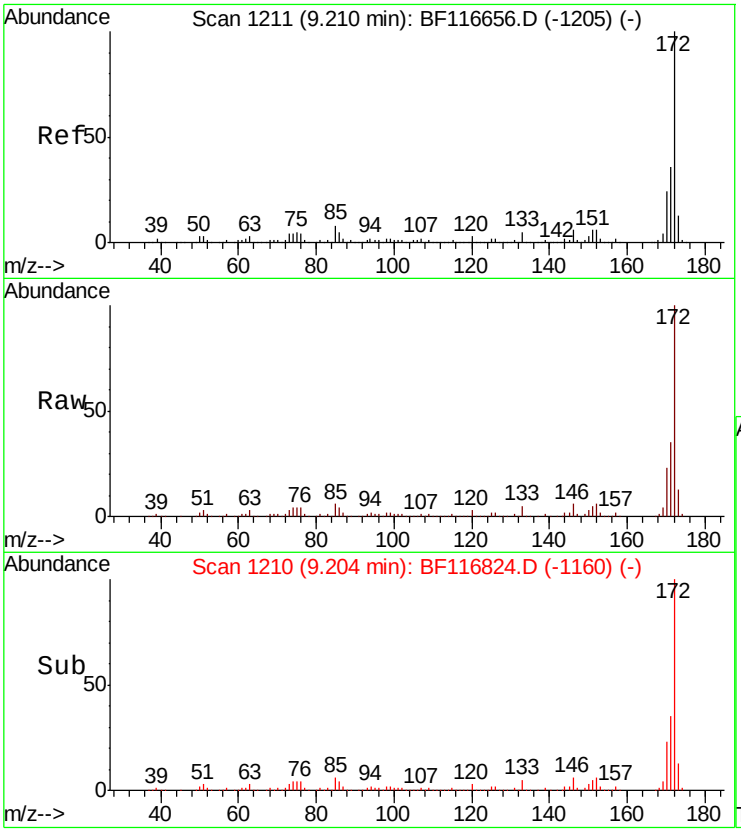


#42
2,4,6-Tribromophenol
Concen: 104.207 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:330 Resp: 86730

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	44.9	31.4	47.2

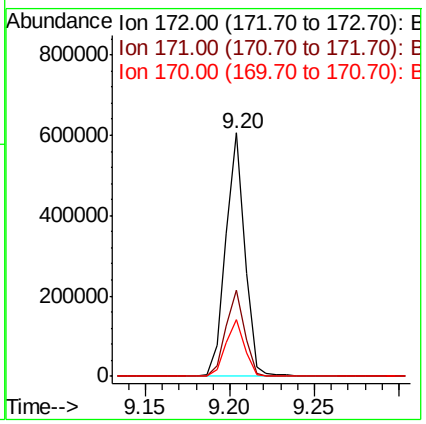




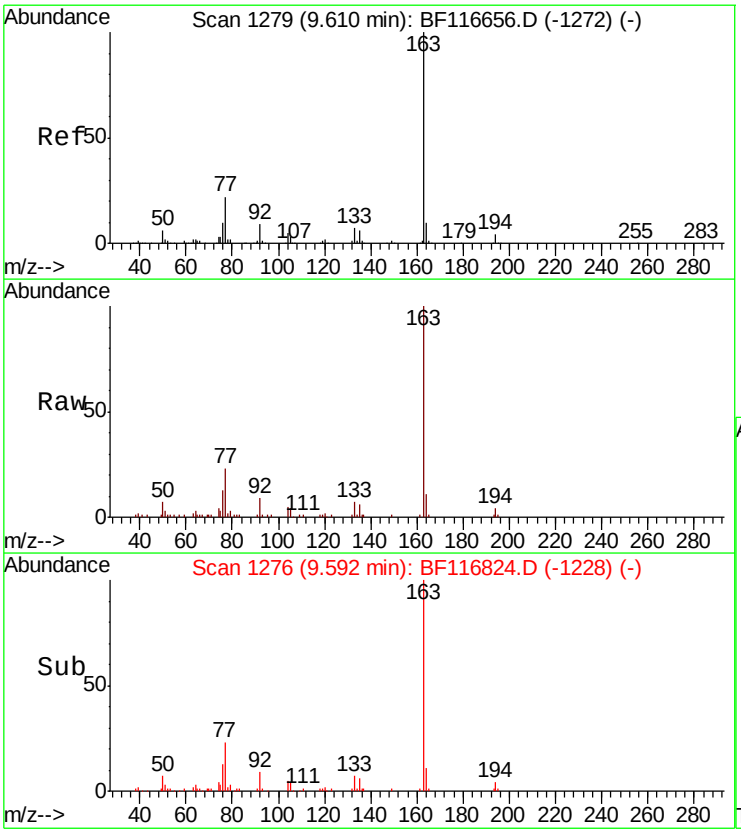
#45
2-Fluorobiphenyl
Concen: 64.124 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:172 Resp: 473244

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.3	18.9	28.3



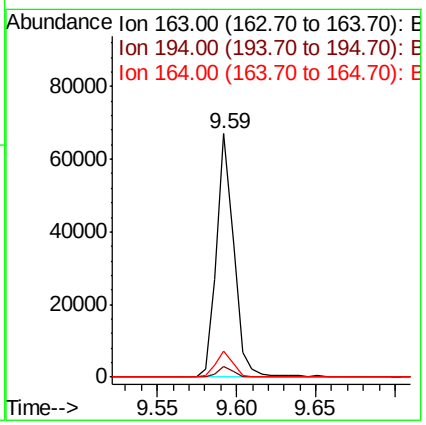
Instrument :
BNA_F
ClientSampleId :
TP-15-S

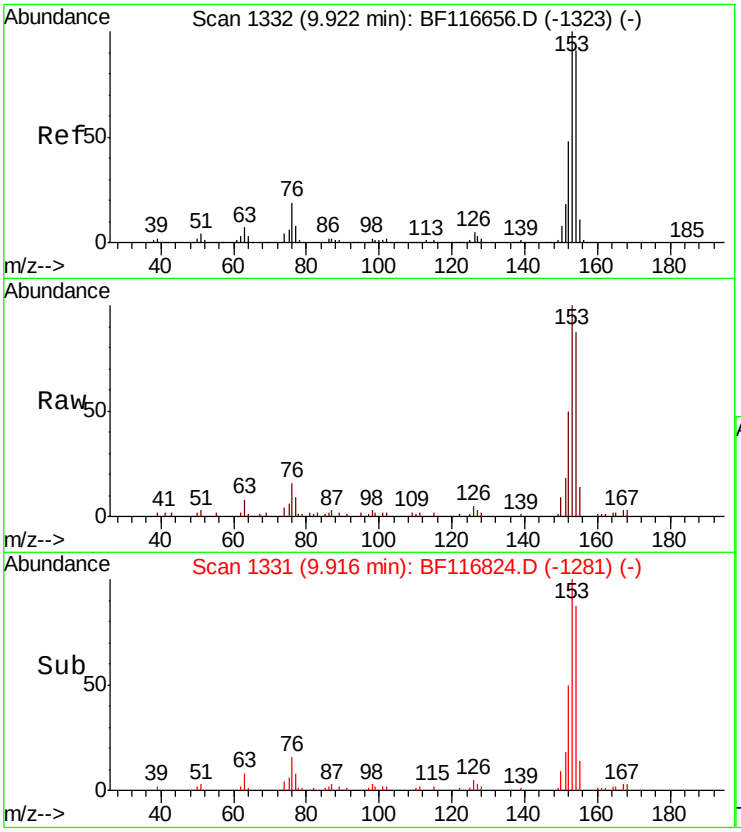


#50
Dimethylphthalate
Concen: 5.923 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:163 Resp: 50905

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	10.7	8.6	12.8



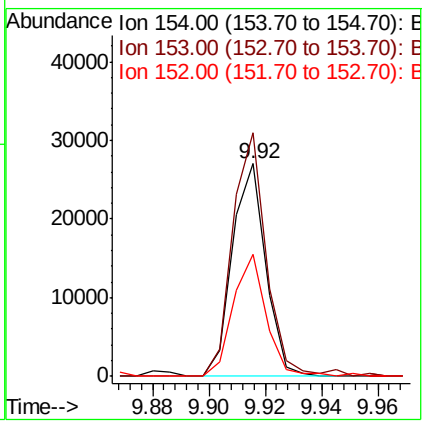


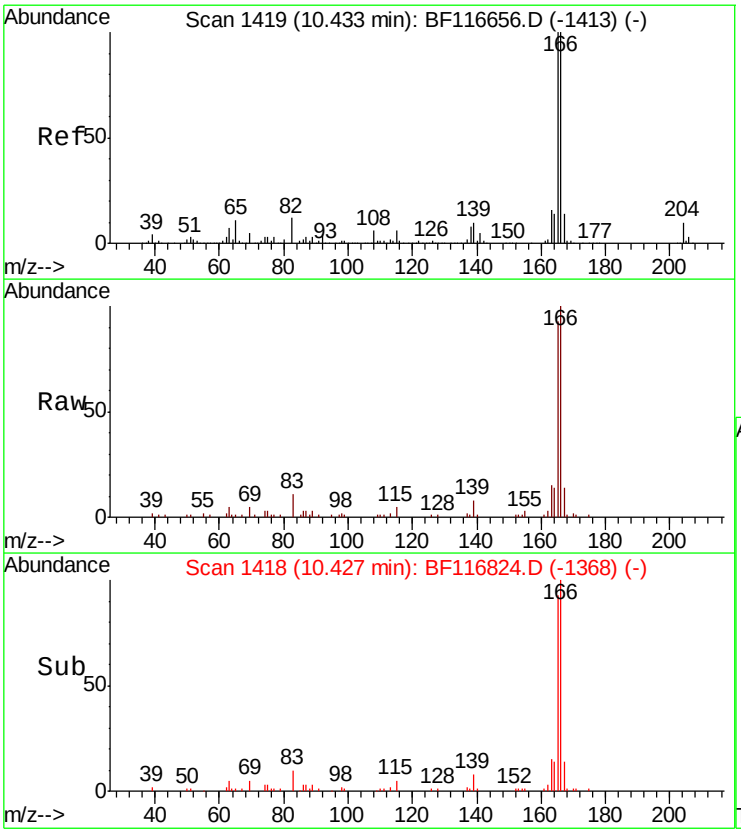
#52
Acenaphthene
Concen: 3.176 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:154 Resp: 22070

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.5	134.3
152	57.5	41.9	62.9

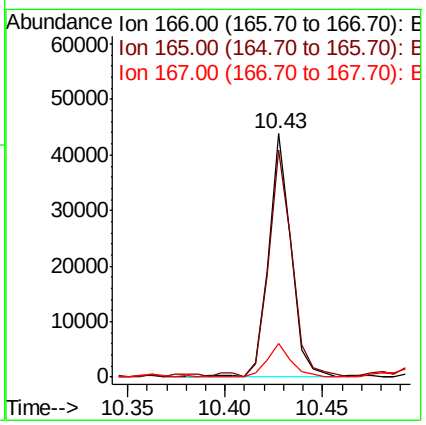


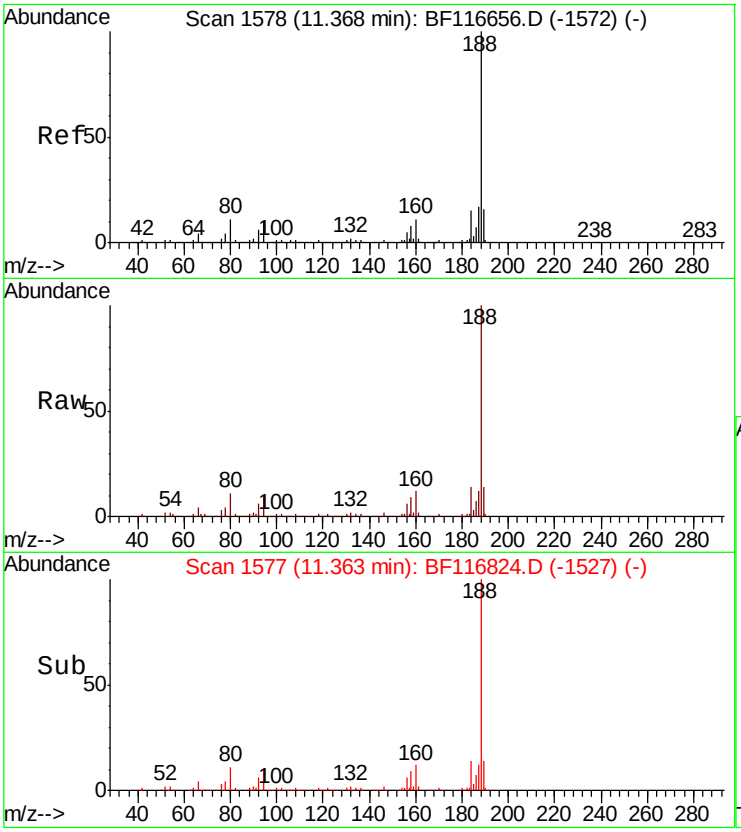


#58
Fluorene
Concen: 4.671 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:166 Resp: 34867

Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.8	118.2
167	14.0	10.0	15.0



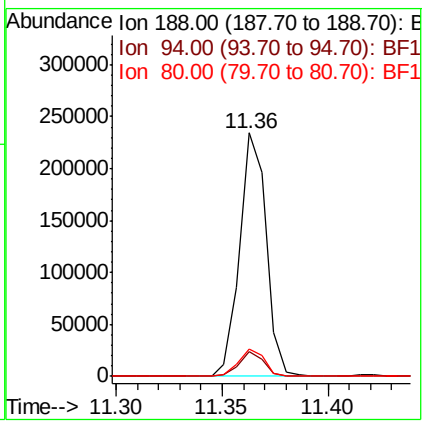


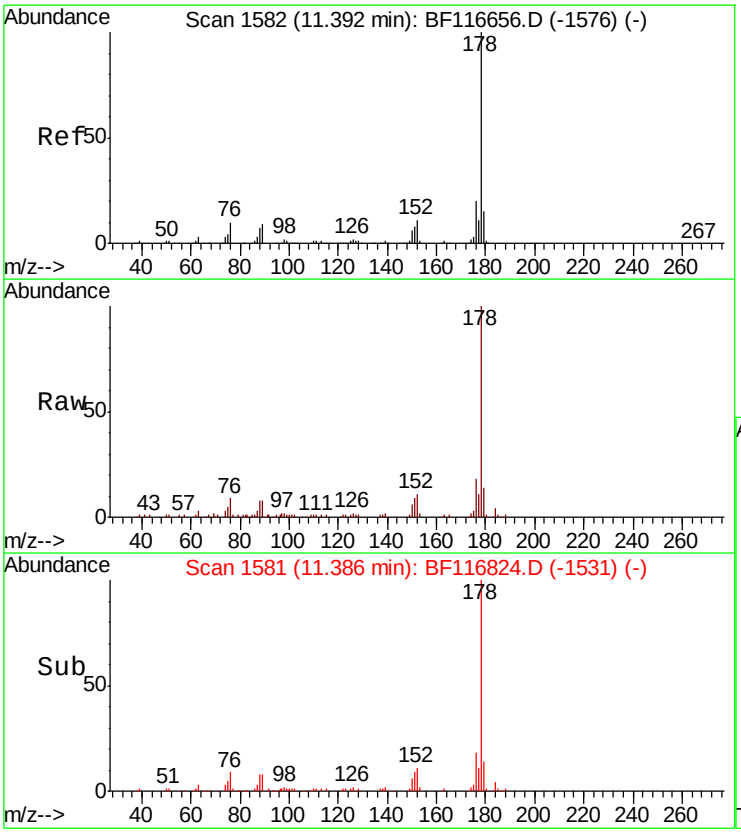
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:188 Resp: 203858

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.3	10.9
80	11.1	8.4	12.6

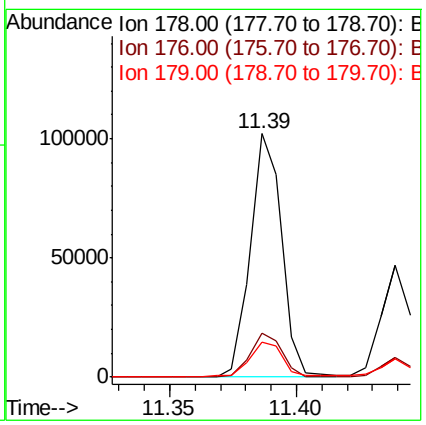


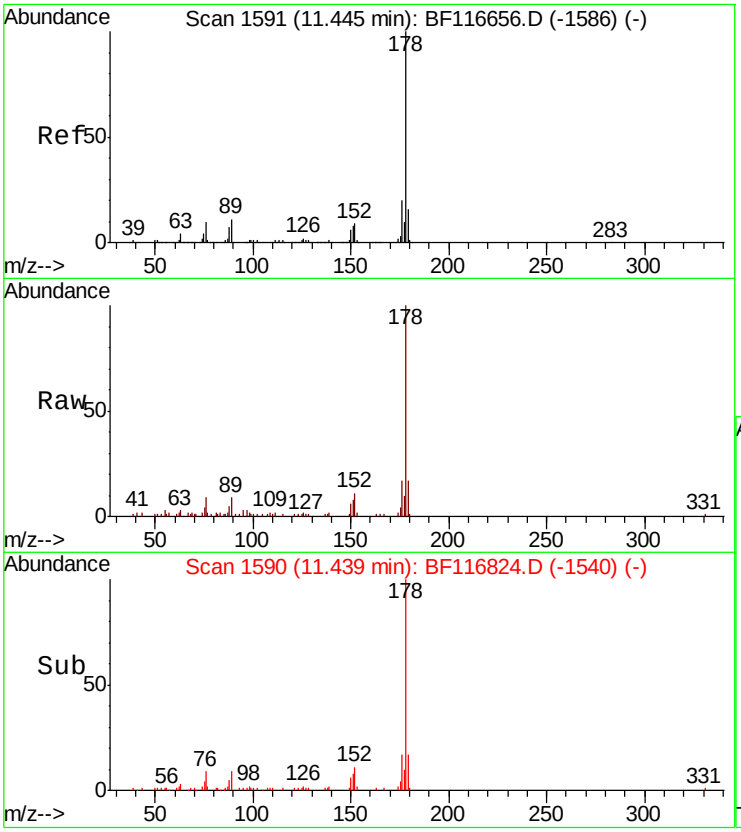


#71
Phenanthrene
Concen: 7.766 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:178 Resp: 88132

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.3	12.2	18.2



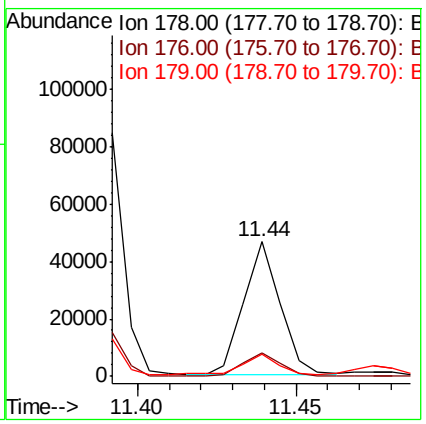


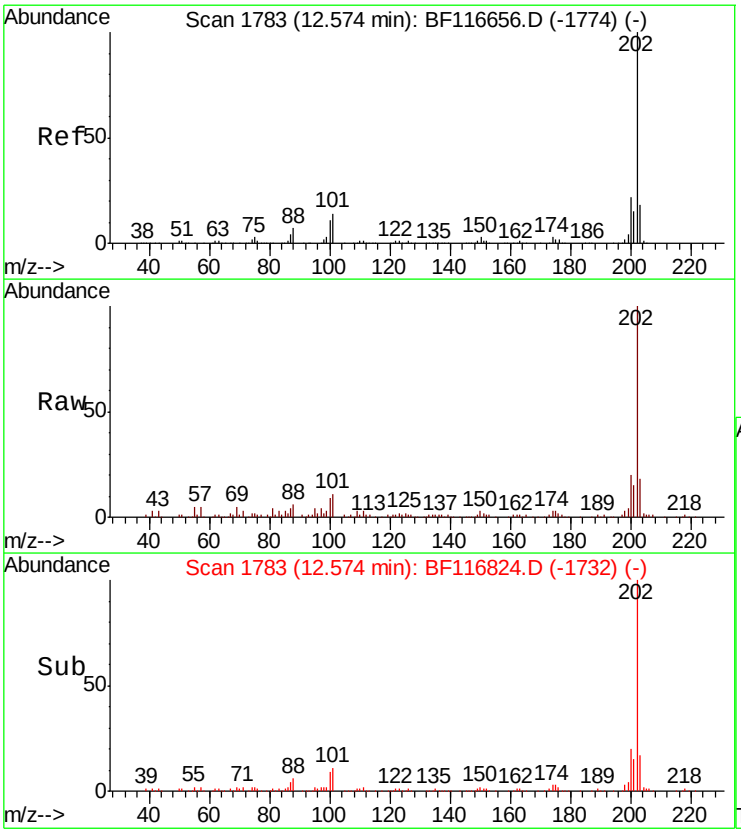
#72
Anthracene
Concen: 3.278 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:178 Resp: 37446

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.0
179	16.6	12.5	18.7

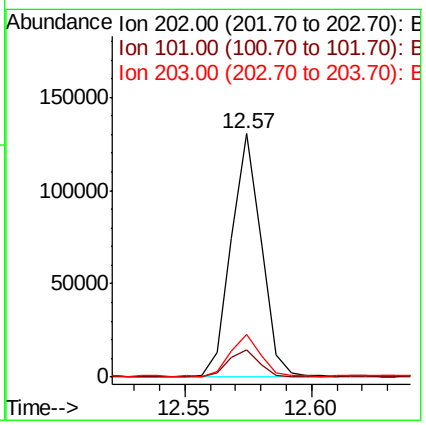


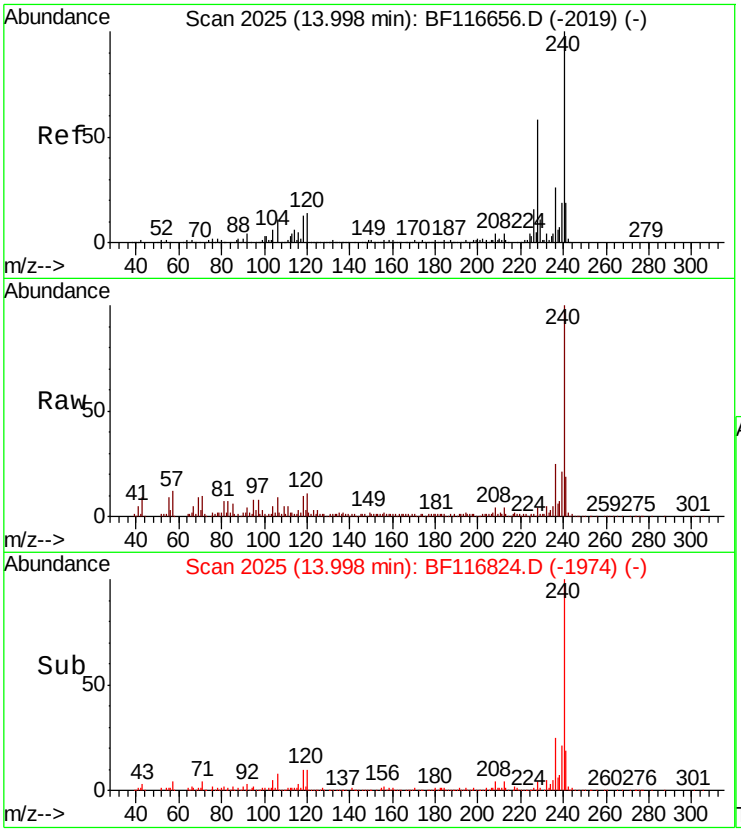


#75
Fluoranthene
Concen: 9.648 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:202 Resp: 107603

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.3
203	17.6	0.0	37.6



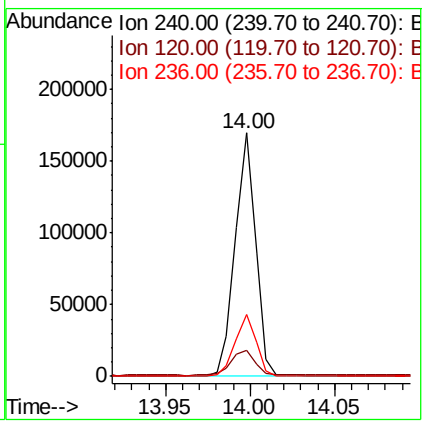


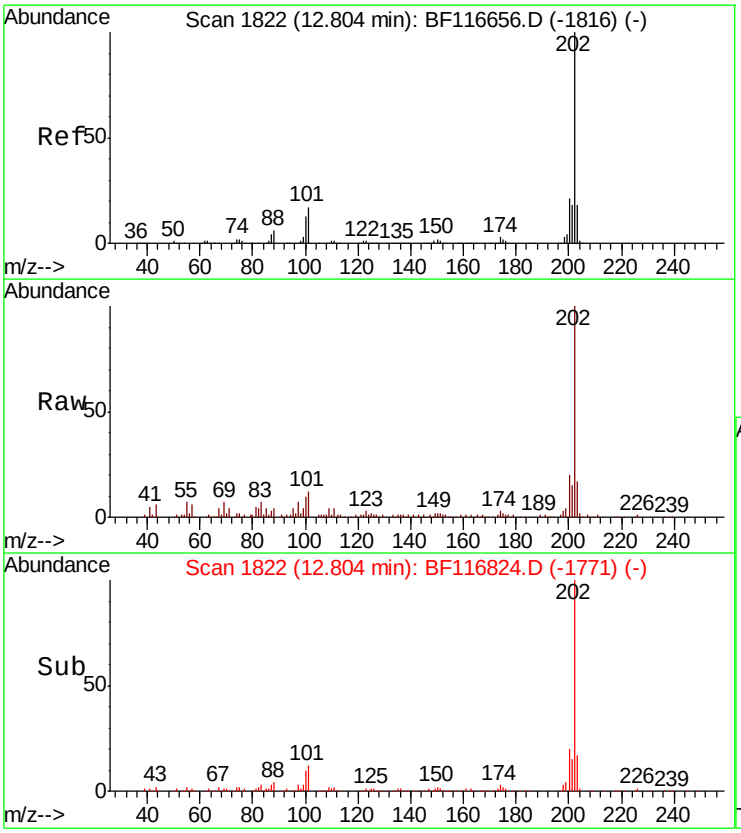
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:240 Resp: 143983

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.1	13.7
236	25.3	21.1	31.7

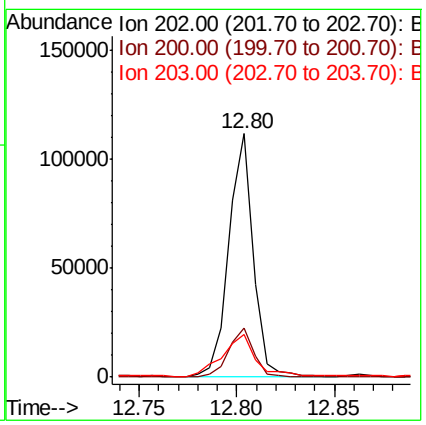


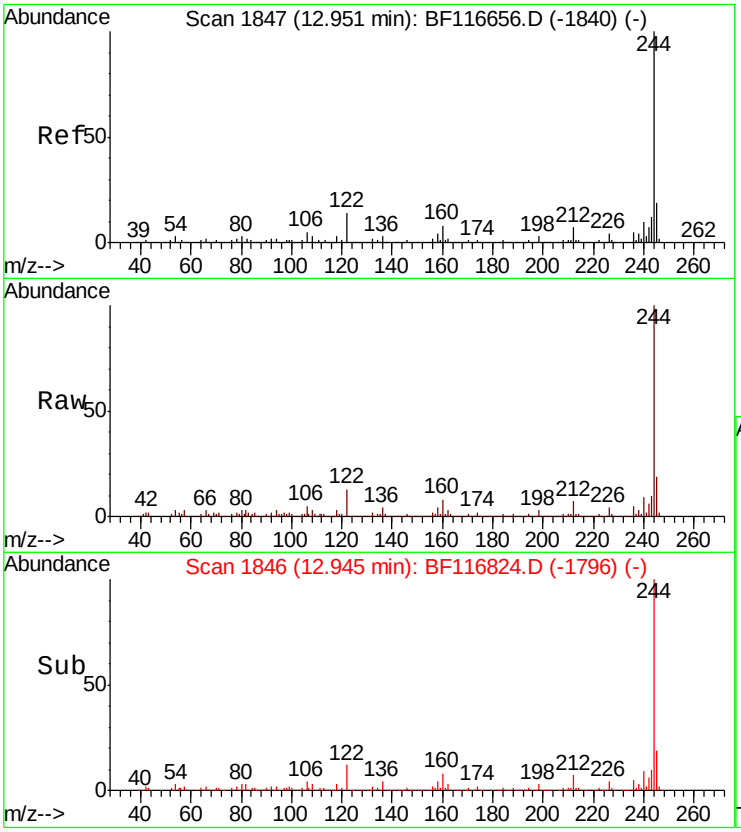


#78
Pyrene
Concen: 7.621 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:202 Resp: 97540

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.5	13.7	20.5



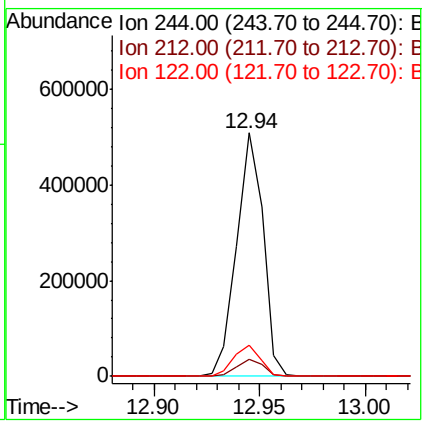


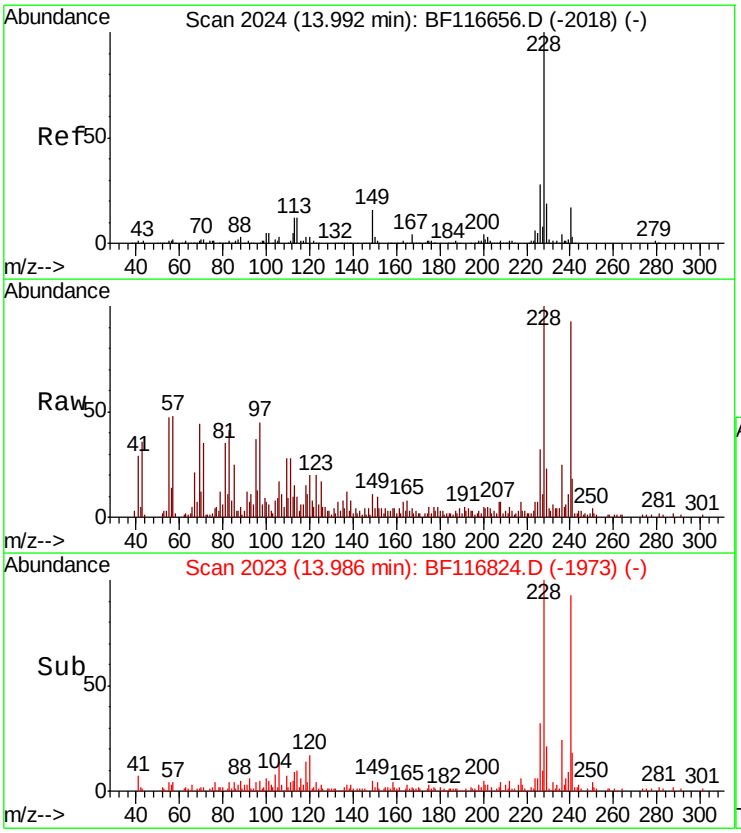
#79
Terphenyl-d14
Concen: 56.889 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:244 Resp: 442775

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.6	10.2	15.4

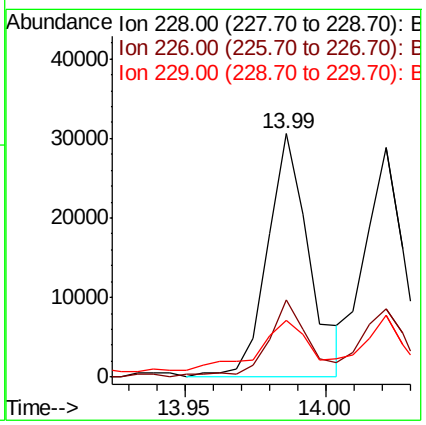


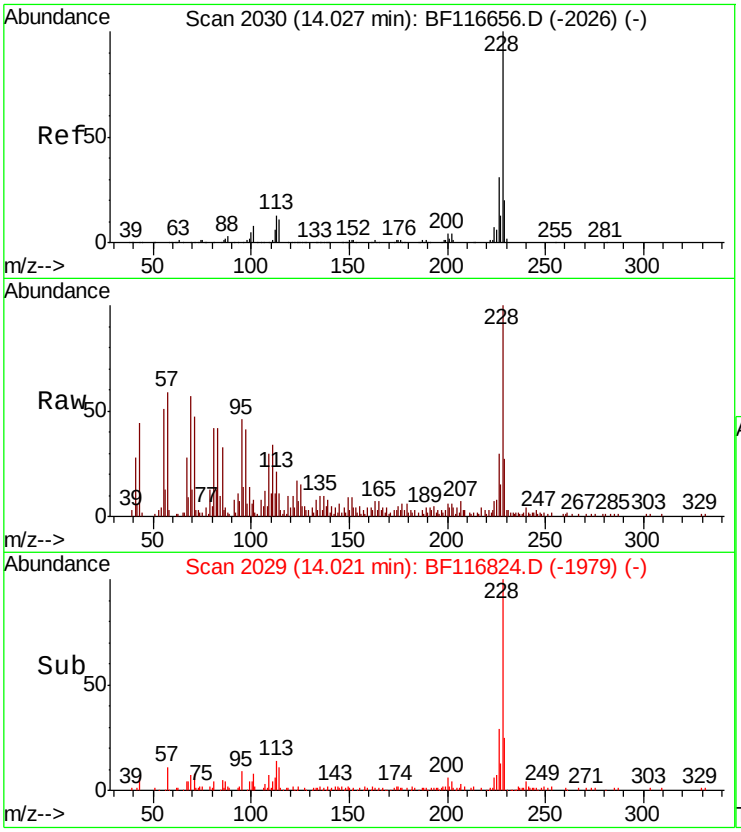


#81
Benzo(a)anthracene
Concen: 3.457 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:228 Resp: 31504

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.0	33.0
229	23.2	16.4	24.6



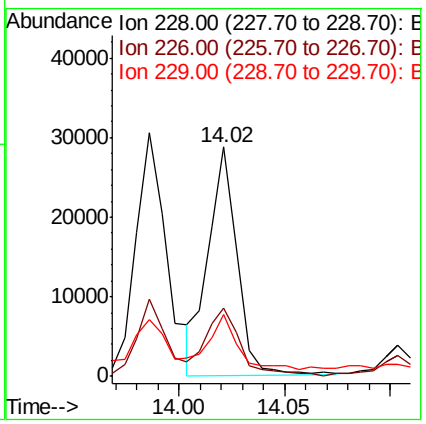


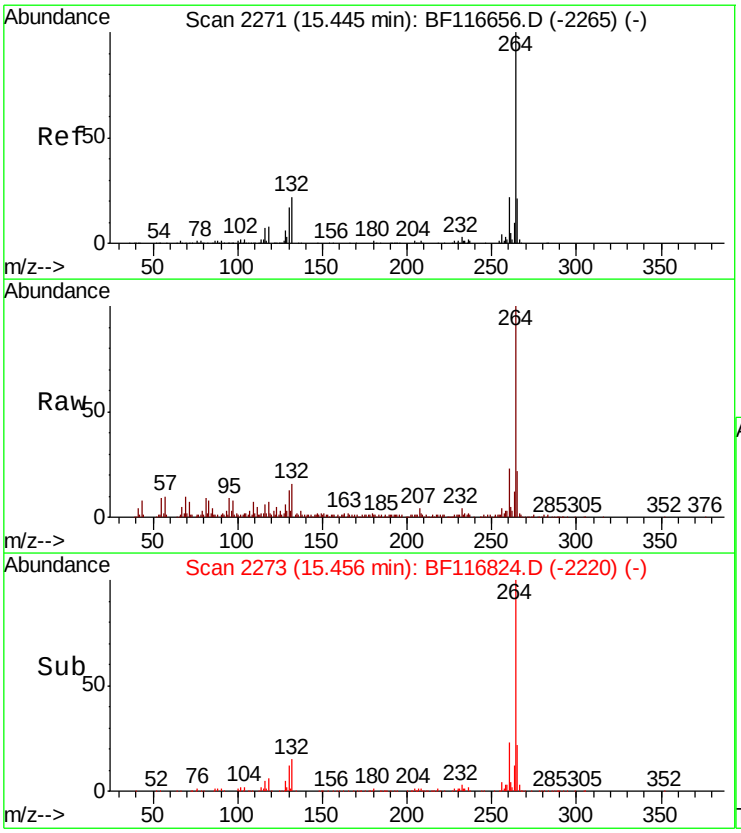
#83
Chrysene
Concen: 2.929 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:228 Resp: 27498

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	27.1	15.4	23.0#

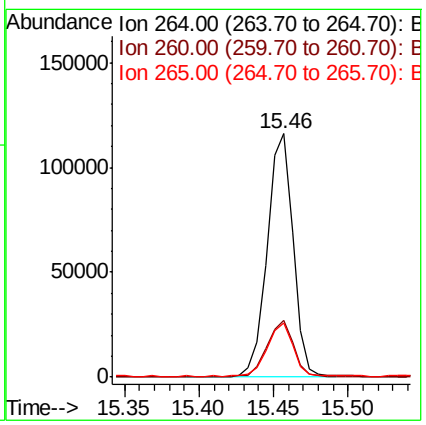


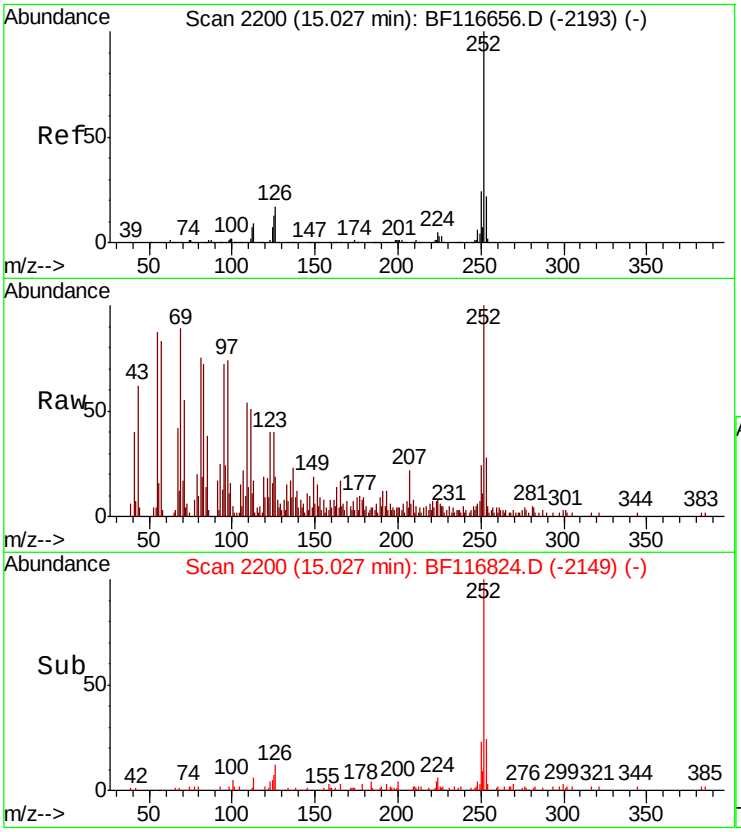


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:264 Resp: 139849

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.0	16.5	24.7



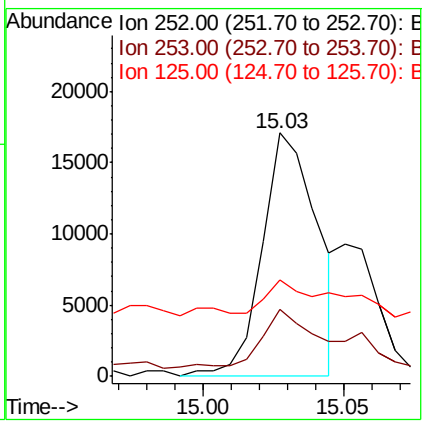


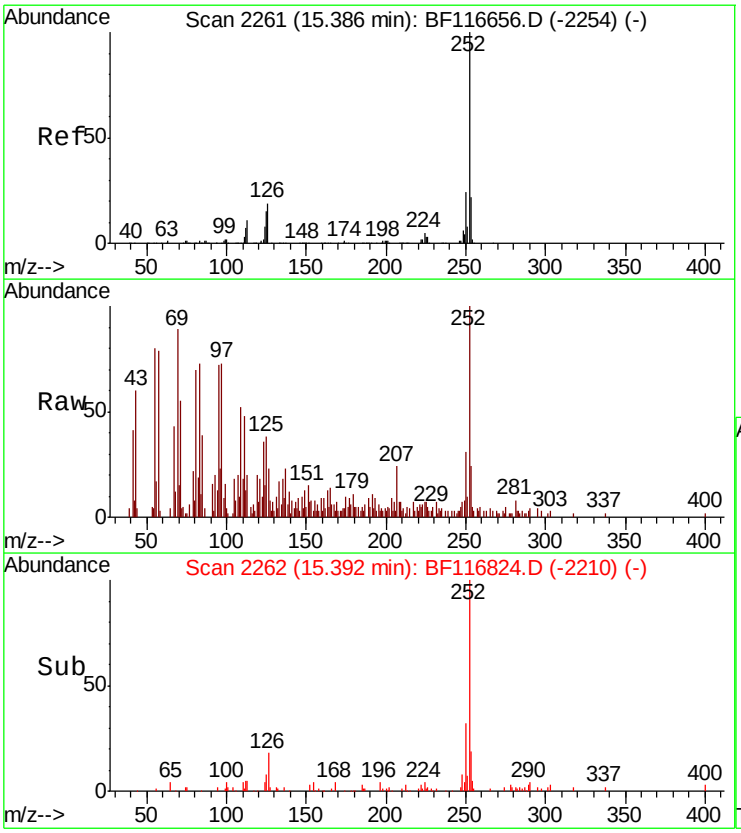
#88
Benzo(b)fluoranthene
Concen: 2.797 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Instrument :
BNA_F
ClientSampleId :
TP-15-S

Tgt Ion:252 Resp: 23646

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.7	26.5#
125	39.8	8.2	12.2#





#90
Benzo(a)pyrene
Concen: 2.608 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116824.D
Acq: 4 Sep 2019 19:09

Tgt Ion:252 Resp: 19184

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	37.9	9.8	14.8#