Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\

Quantitation Report (Not Reviewed)

Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
Operator : HP/JU
Sample : K4391-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM-1

Quant Time: Aug 17 05:14:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140113	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	535972	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	274335	20.00	ng		-0.04
64) Phenanthrene-d10	11.33	188	432587	20.00	ng		-0.04
76) Chrysene-d12	13.97	240	281602	20.00	ng		-0.04
87) Perylene-d12	15.43	264	316485	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	767678	91.72	ng		-0.02
7) Phenol-d6	6.46	99	994745	94.20	ng		-0.02
23) Nitrobenzene-d5	7.38	82	600664	64.69	ng		-0.04
42) 2,4,6-Tribromophenol	10.64	330	220419	82.87	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	971106	66.30	ng		-0.04
79) Terphenyl-d14	12.92	244	821313	61.46	ng		-0.04
Target Compounds							Qvalue
10) Phenol	6.47	94	53997	4.342	ng		94
25) Isophorone	7.71	82	39584	2.229	ng	#	67
37) 2-Methylnaphthalene	8.81	142	134117	8.074	ng		98
38) 1-Methylnaphthalene	8.91	142	77554	4.935	ng		99
50) Dimethylphthalate	9.56	163	101713	5.445	ng		99
54) 2,4-Dinitrophenol	10.13	184	801	8.163	ng	#	88
67) 4-Bromophenyl-phenylether	10.64	248	13473	2.909	ng	#	1
71) Phenanthrene	11.36	178	92407	4.179	ng		98
72) Anthracene	11.36	178	92407	4.129	ng		98
75) Fluoranthene	12.55	202	103746	4.481	ng		99
78) Pyrene	12.78	202	94445	4.449	ng		99
81) Benzo(a)anthracene	13.97	228	36817	2.046	ng		98
88) Benzo(b)fluoranthene	15.02	252	48077	2.627	ng	#	95
89) Benzo(k)fluoranthene	15.02	252	48077	2.697	ng	#	94

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

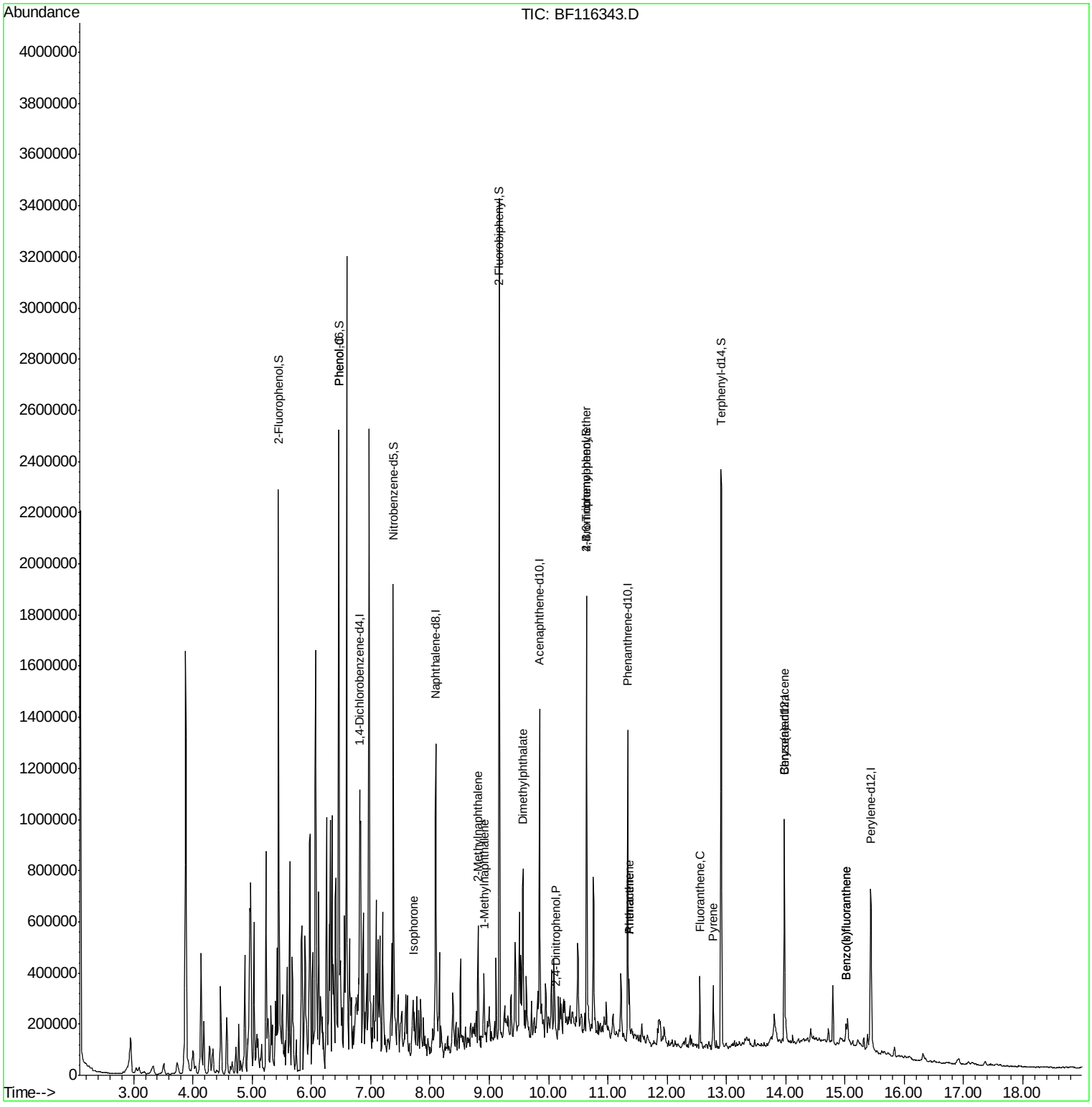
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\

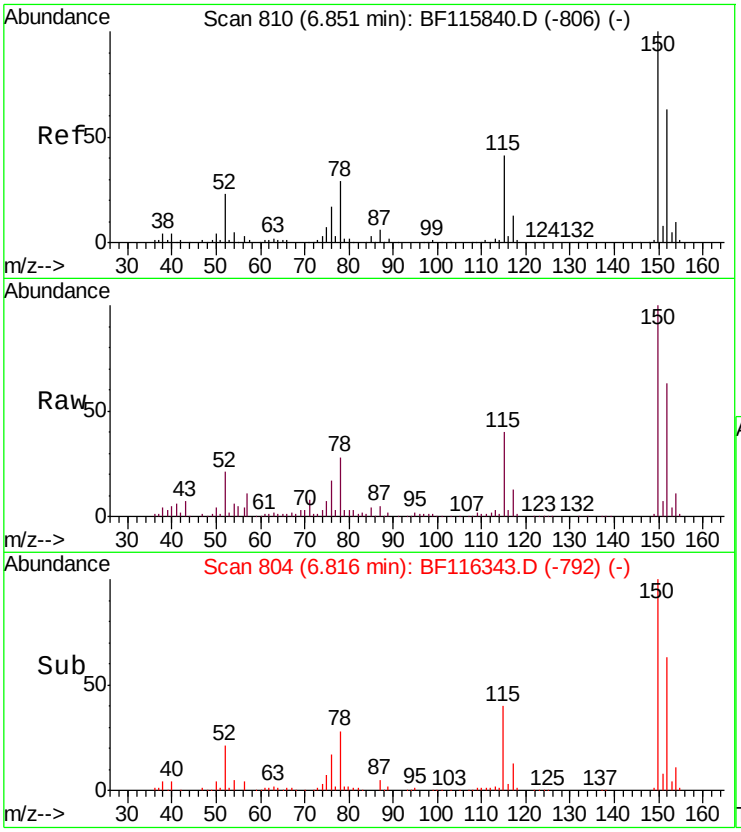
Quantitation Report (Not Reviewed)

Data File : BF116343.D
Acq On : 17 Aug 2019 3:02
Operator : HP/JU
Sample : K4391-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Quant Time: Aug 17 05:14:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



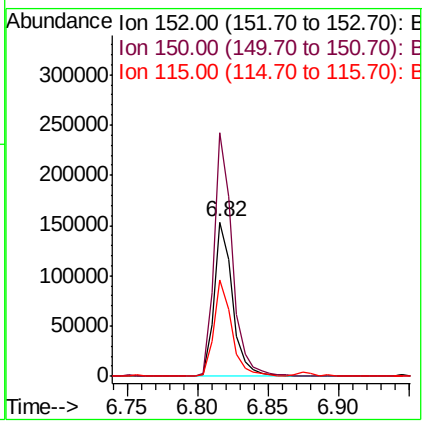


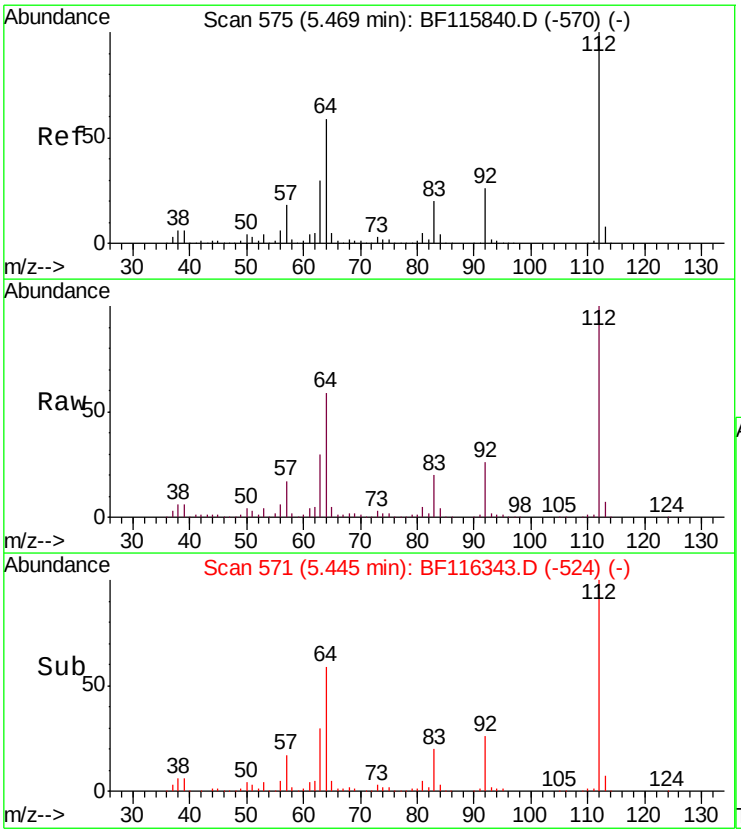
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:152 Resp: 140113

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	62.4	49.9	74.9

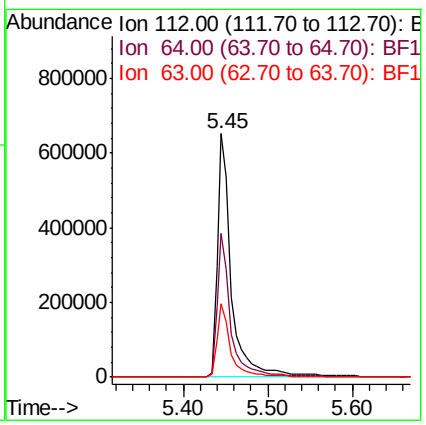


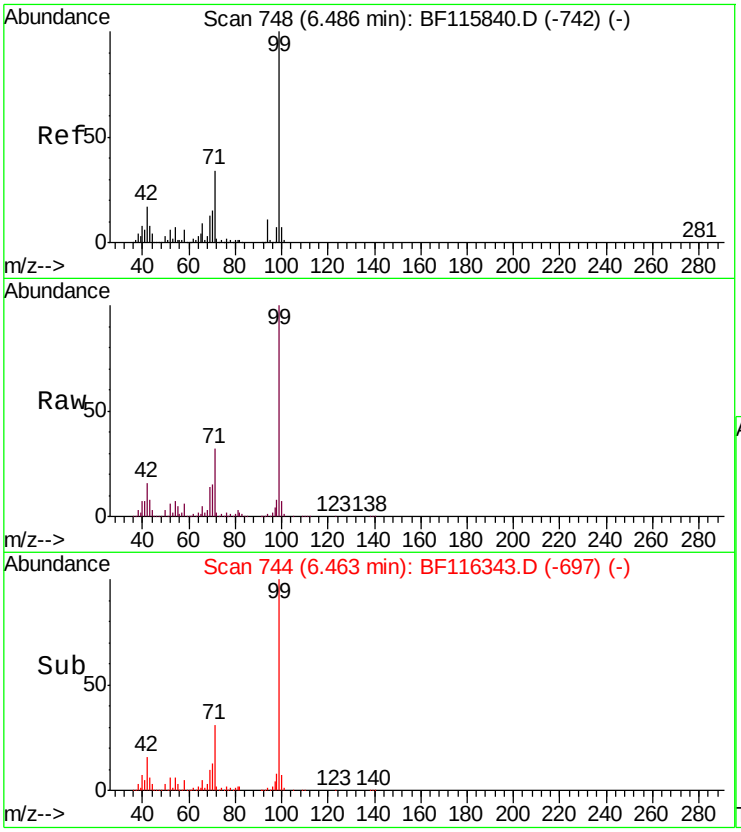


#5
2-Fluorophenol
Concen: 91.722 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:112 Resp: 767678

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.4	68.2
63	30.2	23.7	35.5



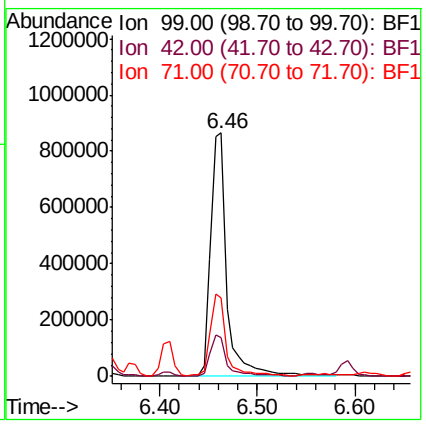


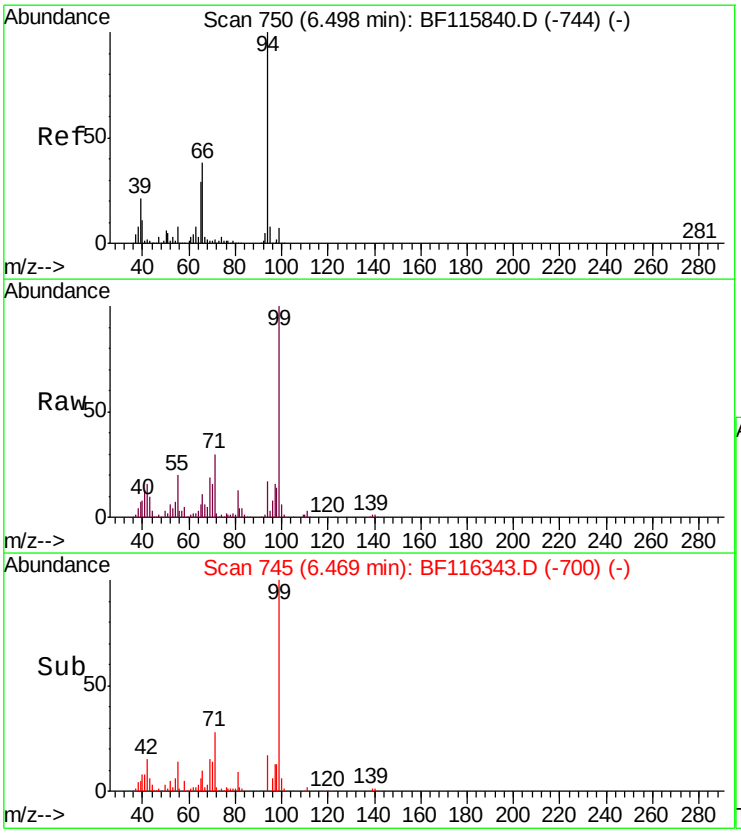
#7
Phenol-d6
Concen: 94.201 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion: 99 Resp: 994745

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.8	20.8
71	32.2	27.3	40.9

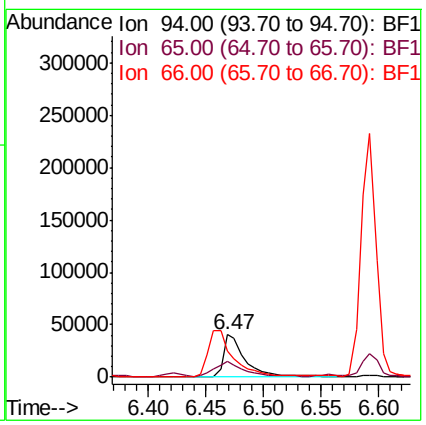


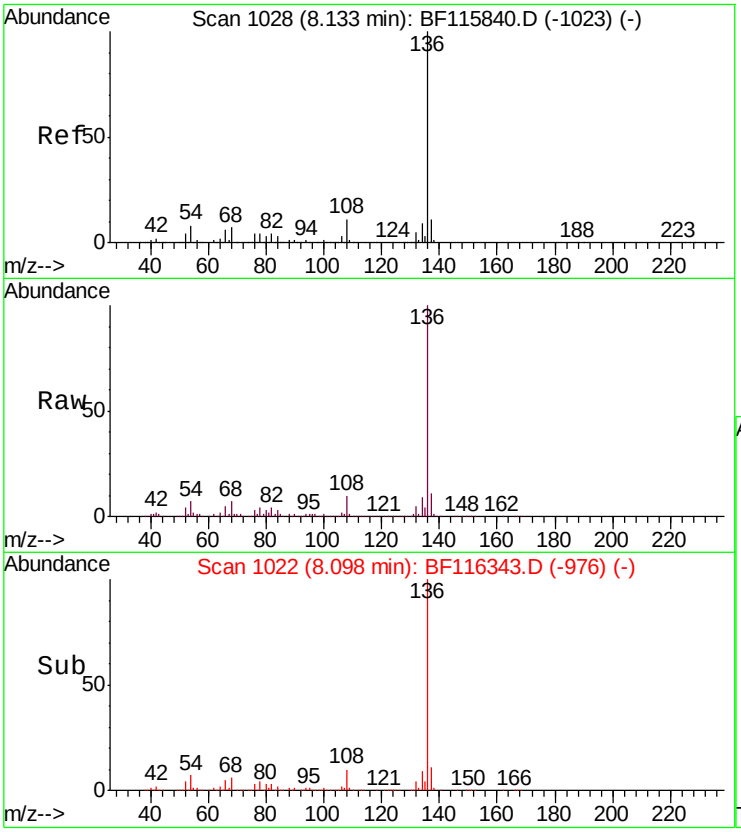


#10
Phenol
Concen: 4.342 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion: 94 Resp: 53997

Ion	Ratio	Lower	Upper
94	100		
65	36.9	16.8	56.8
66	61.9	34.2	74.2



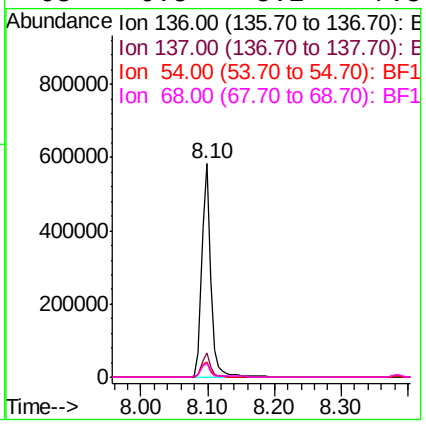


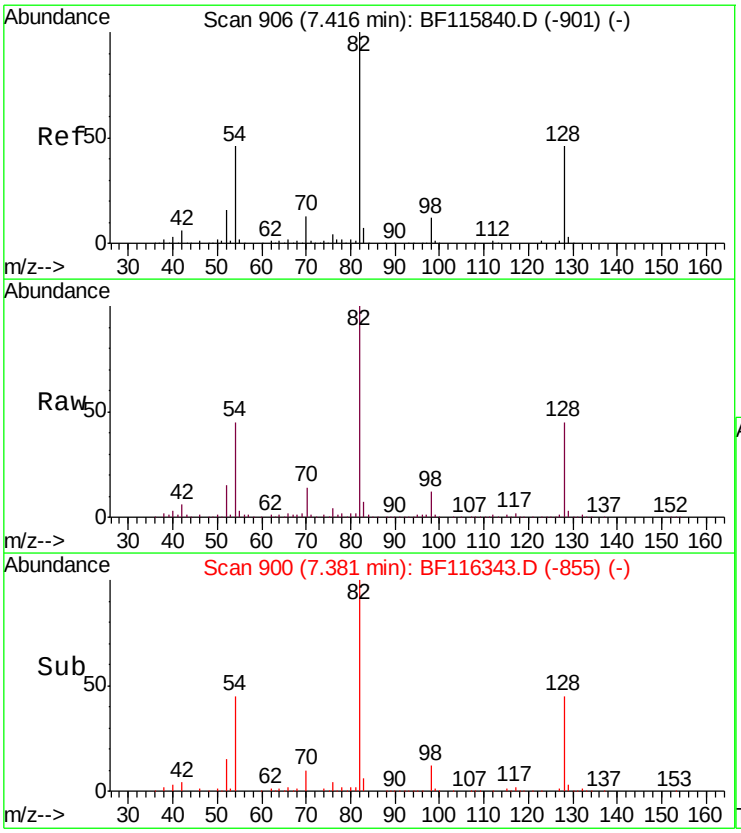
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:136 Resp: 535972

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.0	5.8	8.6
68	6.5	5.2	7.8

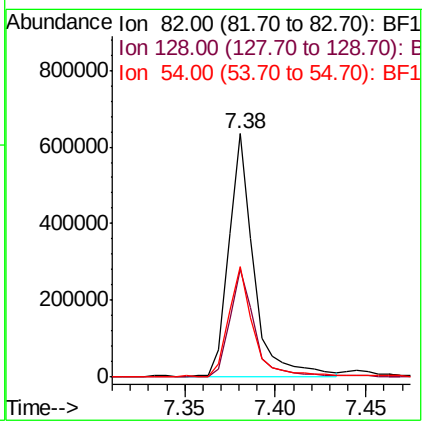


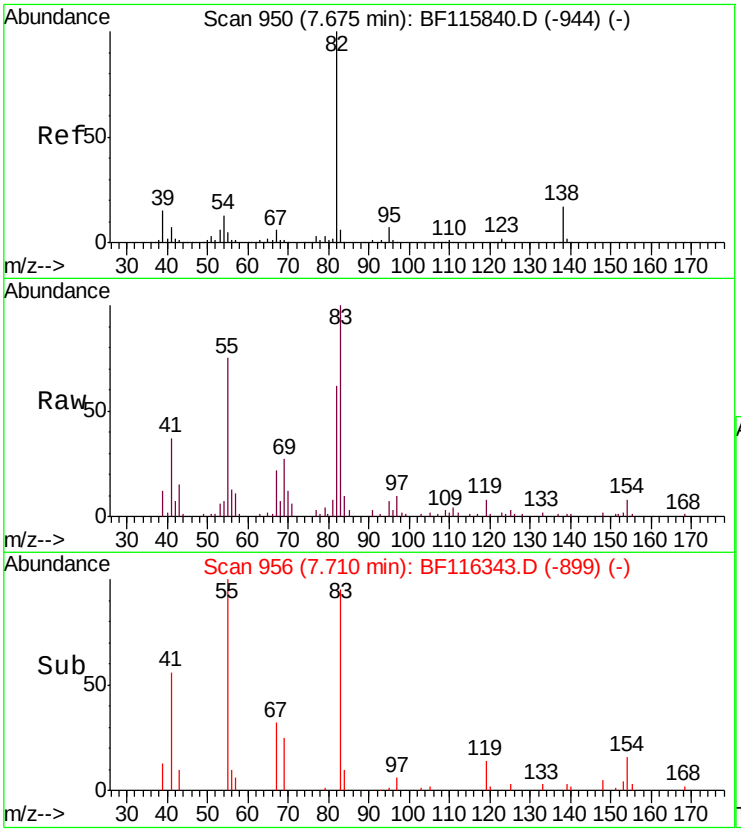


#23
Nitrobenzene-d5
Concen: 64.690 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion: 82 Resp: 600664

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	45.2	36.0	54.0



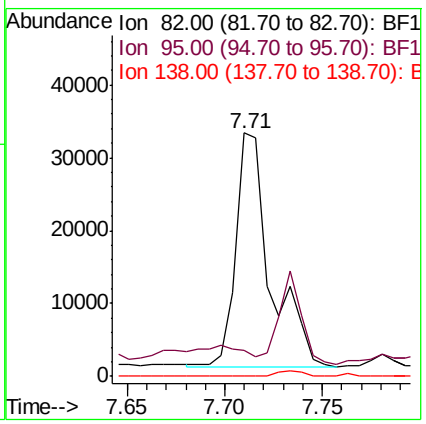


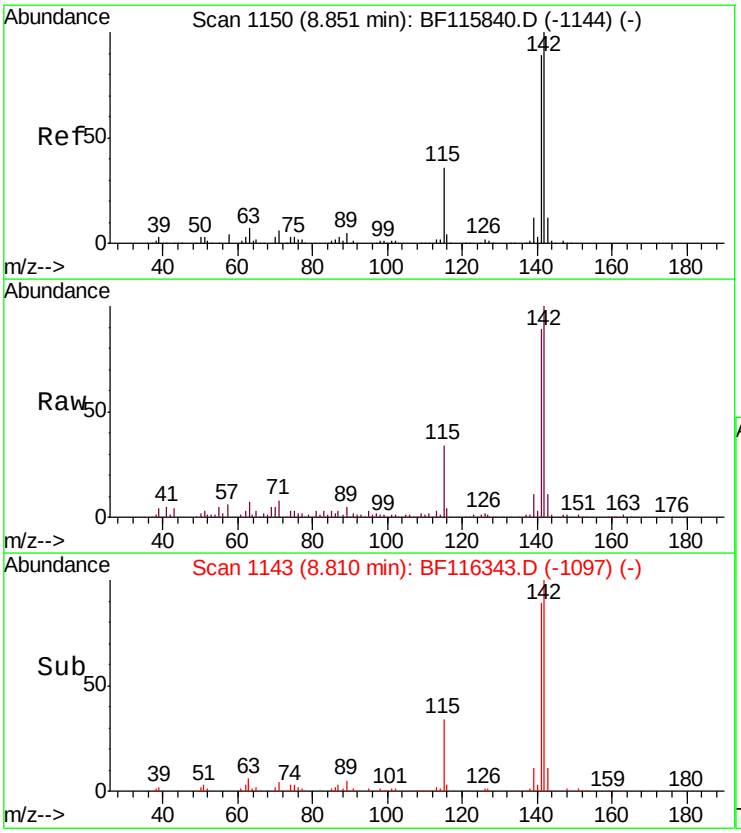
#25
Isophorone
Concen: 2.229 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion: 82 Resp: 39584

Ion	Ratio	Lower	Upper
82	100		
95	10.5	5.4	8.0#
138	0.0	14.5	21.7#

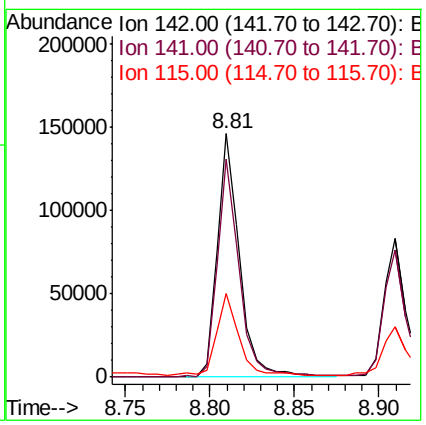


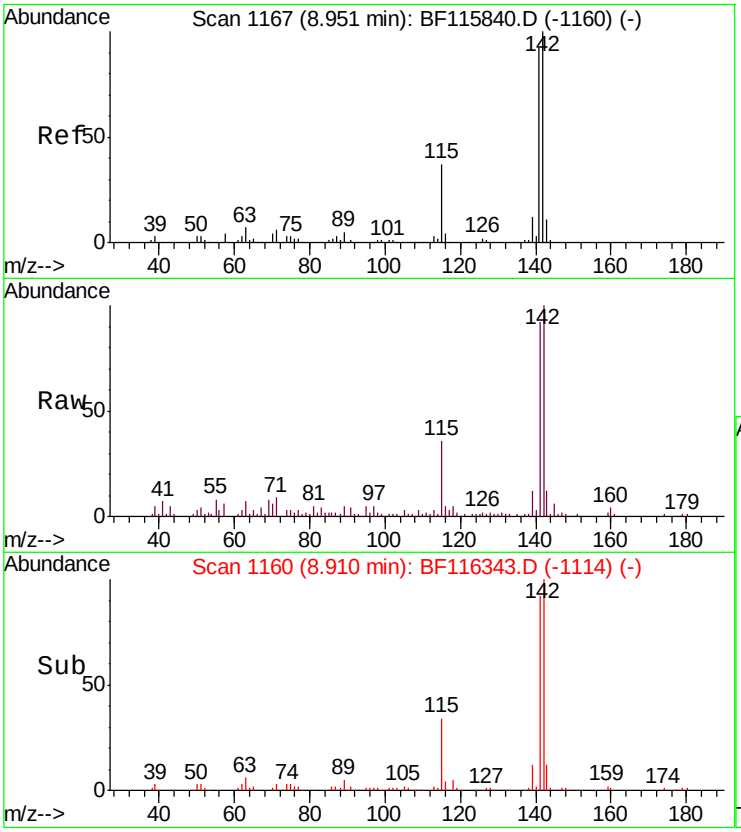


#37
2-Methylnaphthalene
Concen: 8.074 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:142 Resp: 134117

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.9	106.3
115	34.3	29.0	43.6



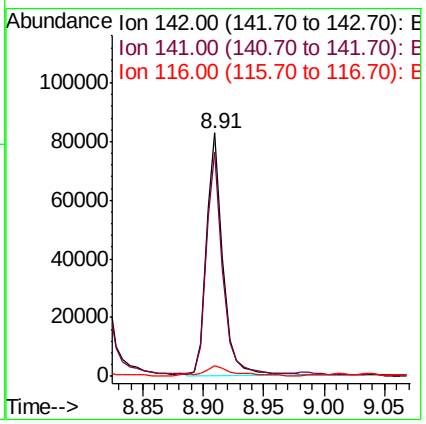


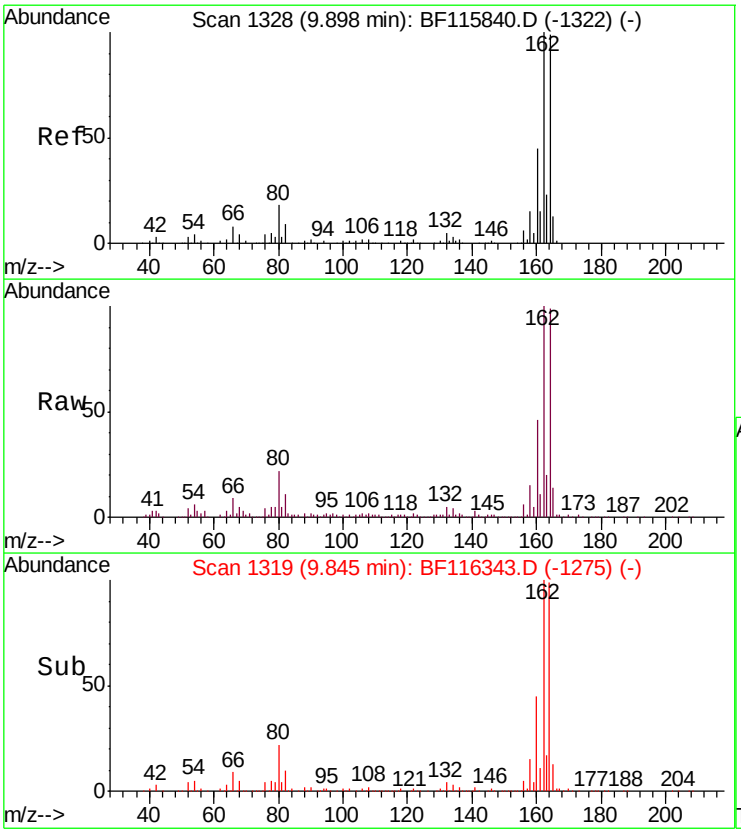
#38
1-Methylnaphthalene
Concen: 4.935 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:142 Resp: 77554

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.4	111.6
116	4.6	3.1	4.7

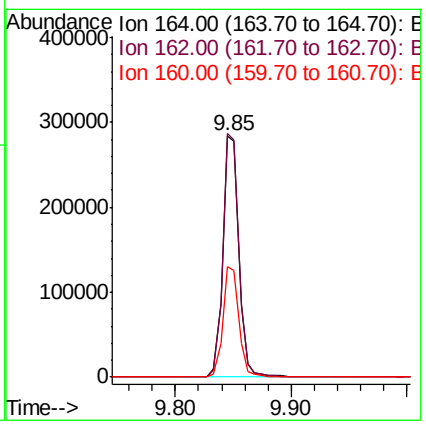


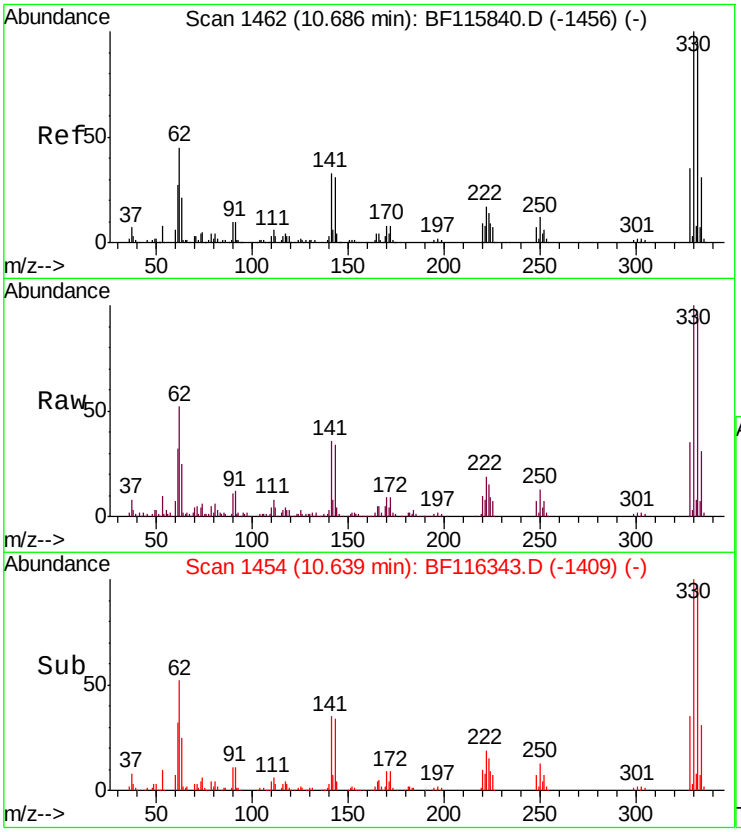


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:164 Resp: 274335

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	124.0
160	46.1	37.6	56.4



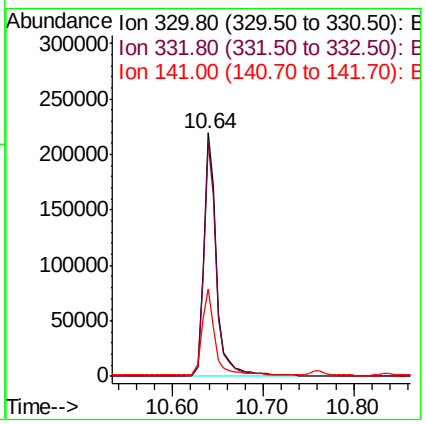


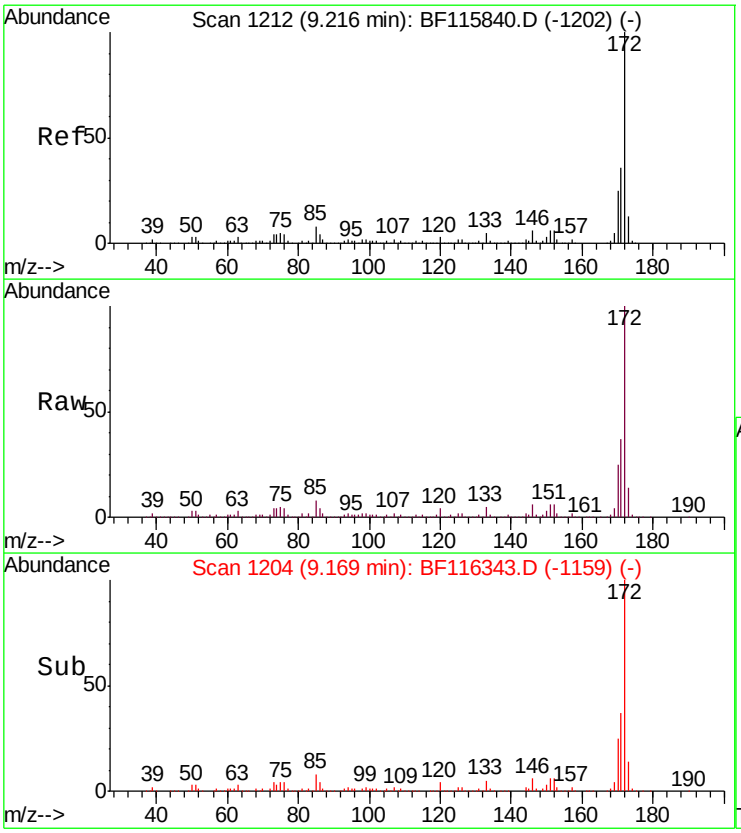
#42
2,4,6-Tribromophenol
Concen: 82.872 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:330 Resp: 220419

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.4	26.3	39.5

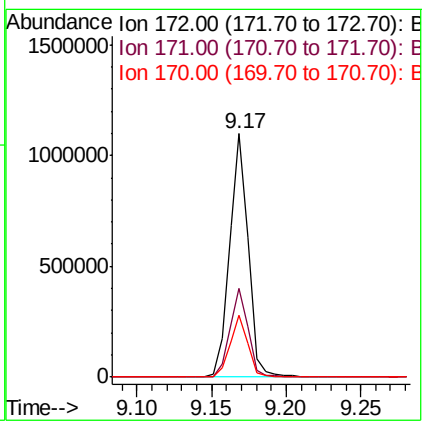


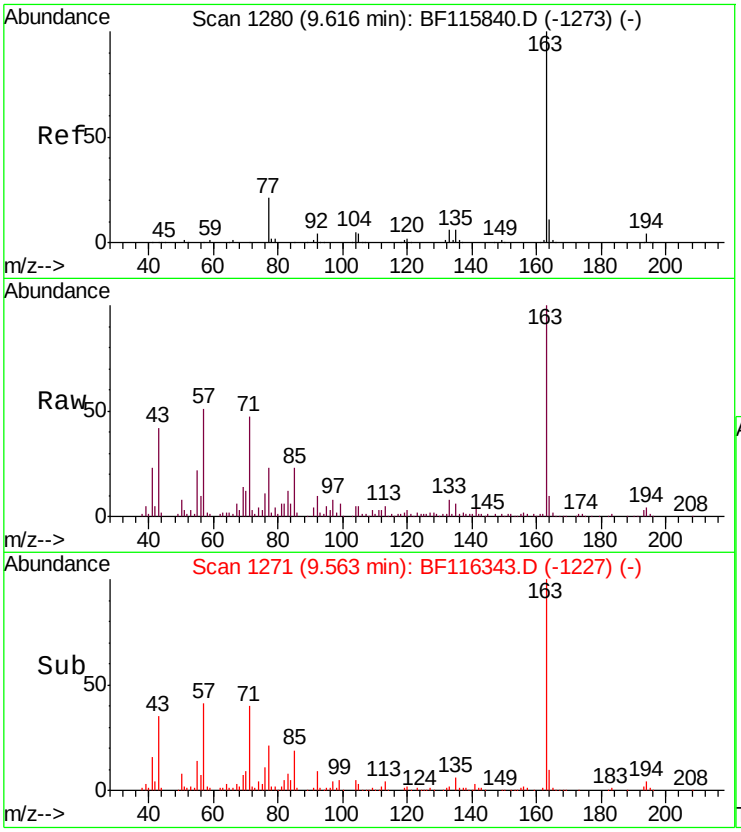


#45
2-Fluorobiphenyl
Concen: 66.304 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:172 Resp: 971106

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.3	20.1	30.1



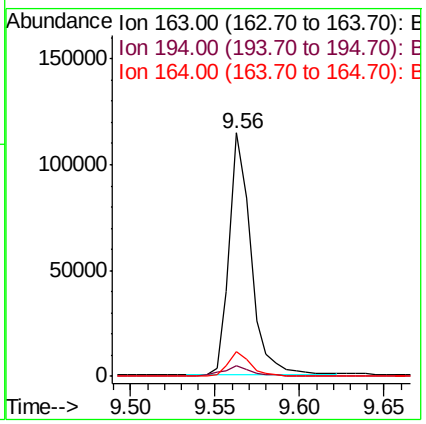


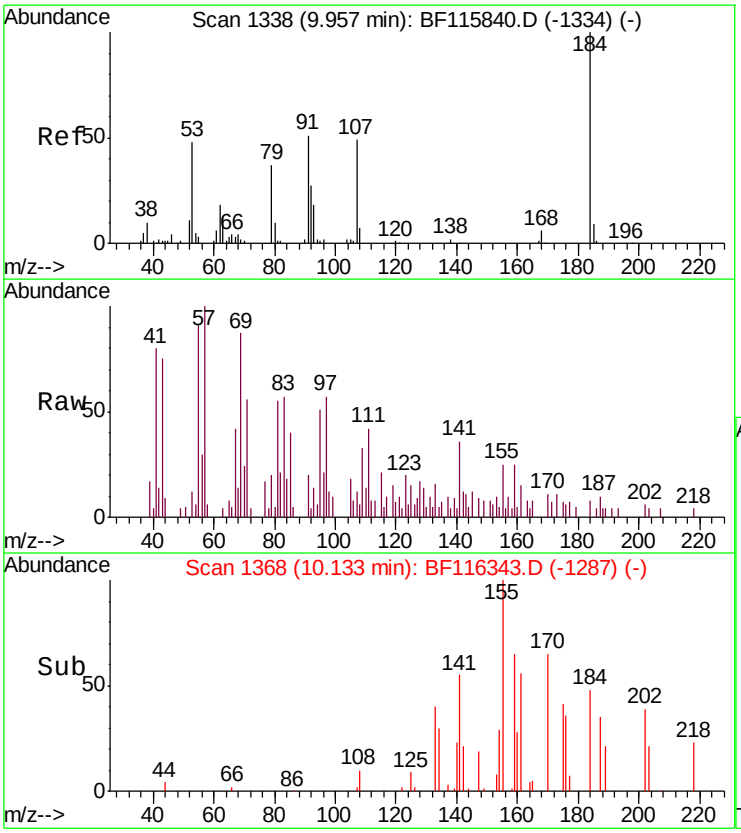
#50
Dimethylphthalate
Concen: 5.445 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:163 Resp: 101713

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	10.4	8.4	12.6

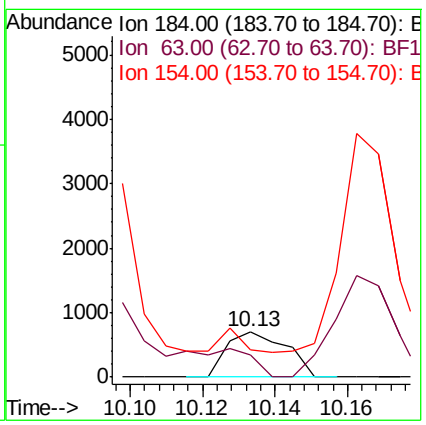


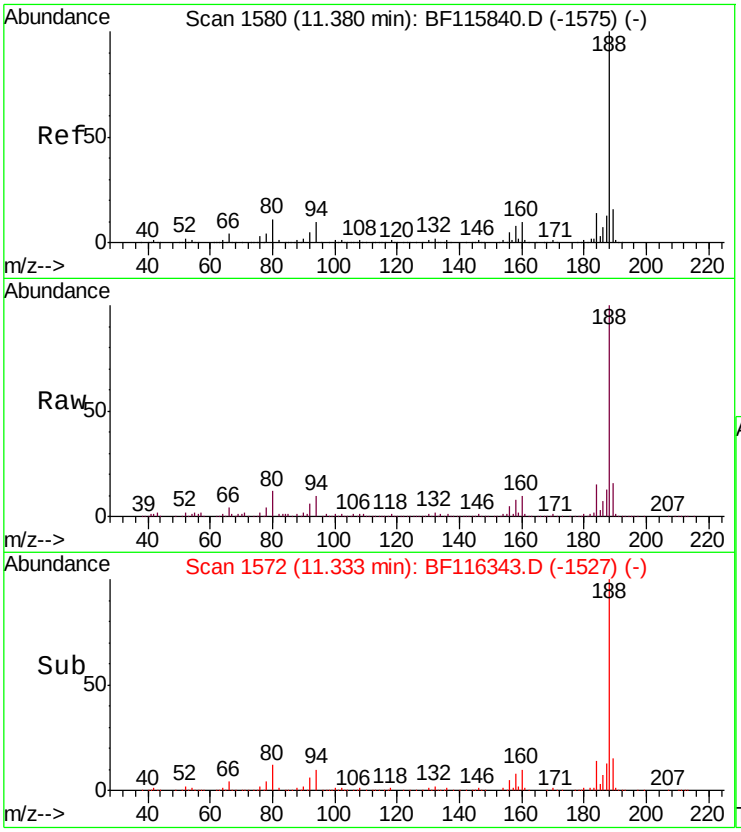


#54
2,4-Dinitrophenol
Concen: 8.163 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.18 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:184 Resp: 801

Ion	Ratio	Lower	Upper
184	100		
63	48.7	53.0	79.4#
154	60.8	50.1	75.1



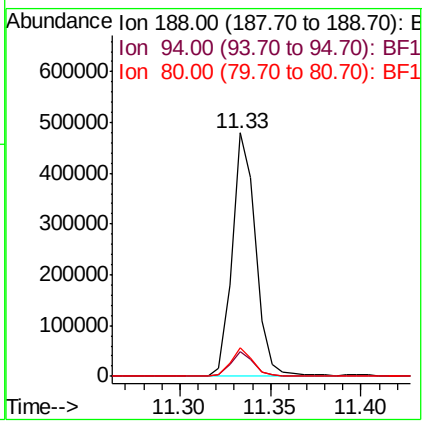


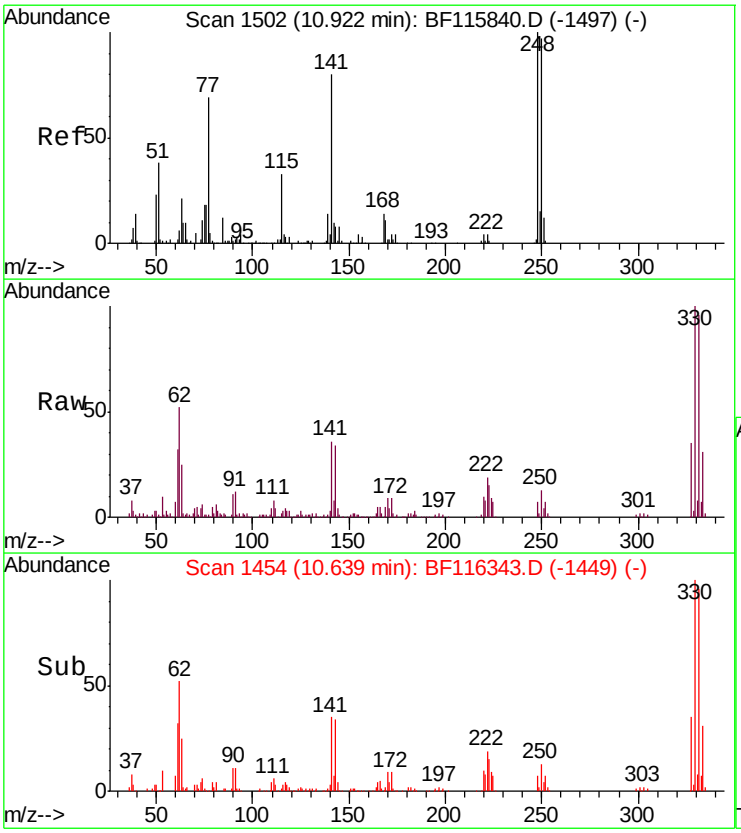
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:188 Resp: 432587

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.8	8.7	13.1

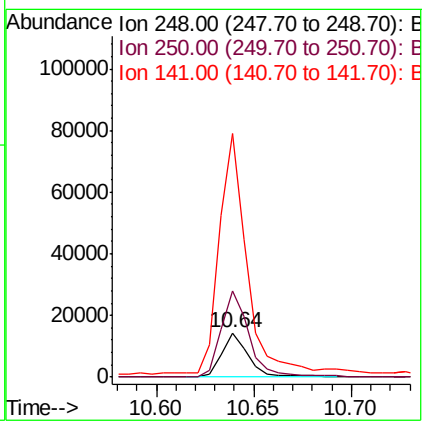


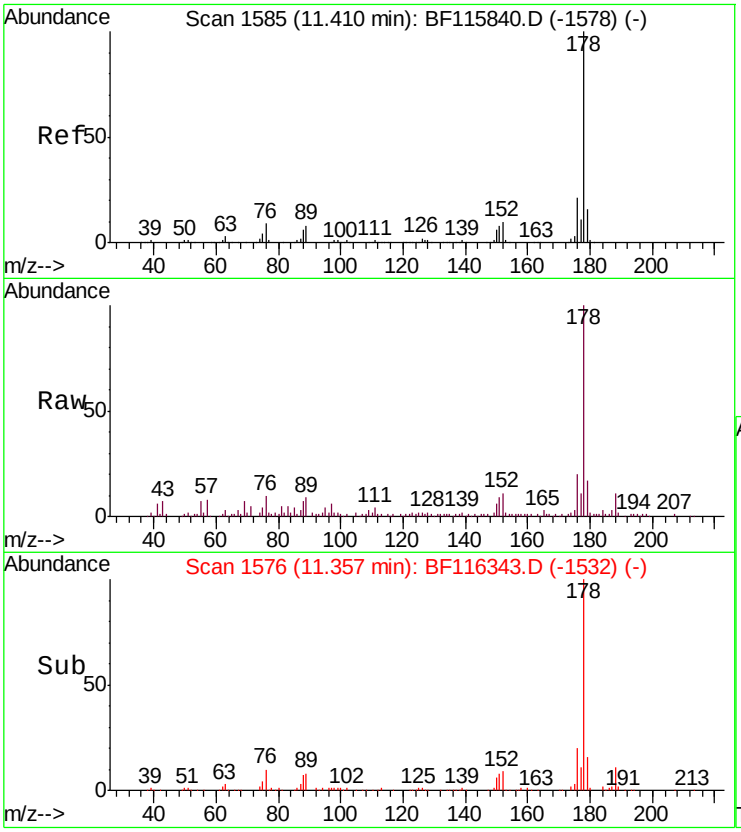


#67
4-Bromophenyl-phenylether
Concen: 2.909 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.27 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:248 Resp: 13473

Ion	Ratio	Lower	Upper
248	100		
250	194.6	77.4	116.2#
141	548.3	56.8	85.2#



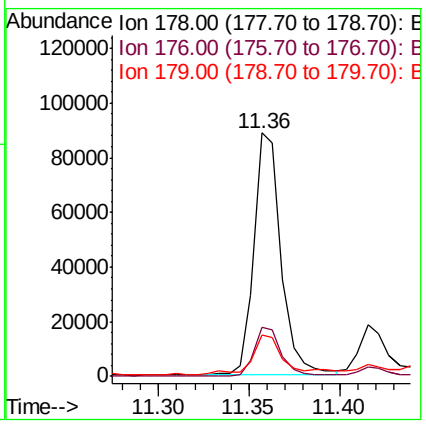


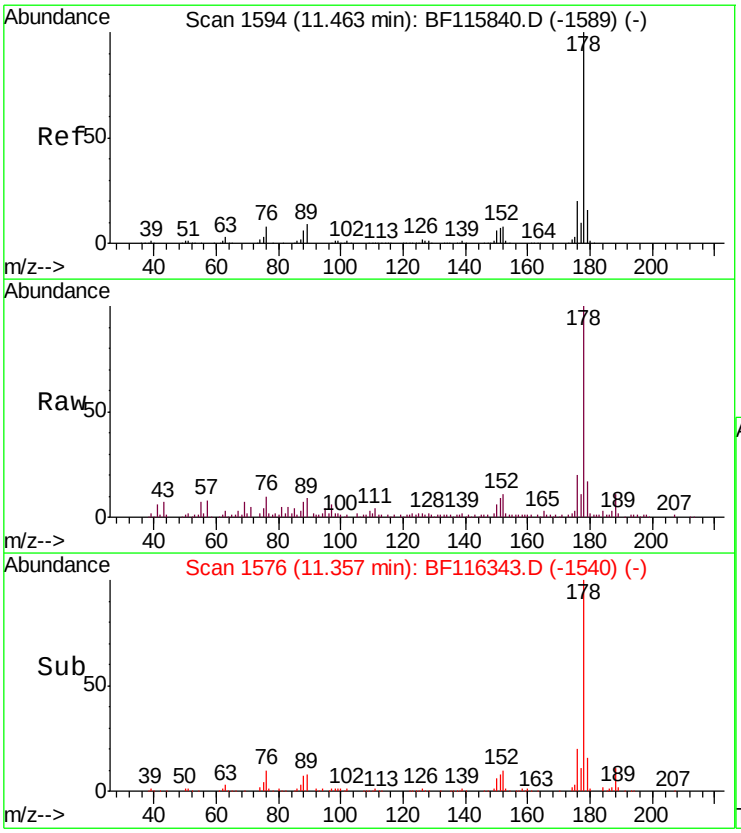
#71
Phenanthrene
Concen: 4.179 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:178 Resp: 92407

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	24.8
179	16.9	12.5	18.7

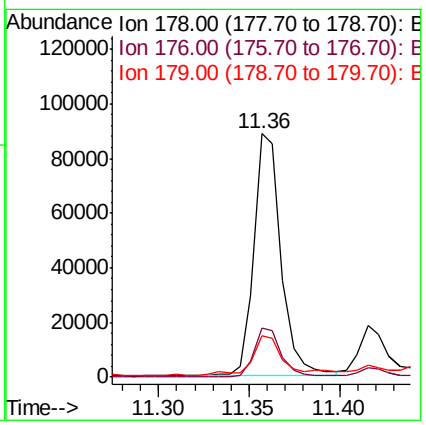


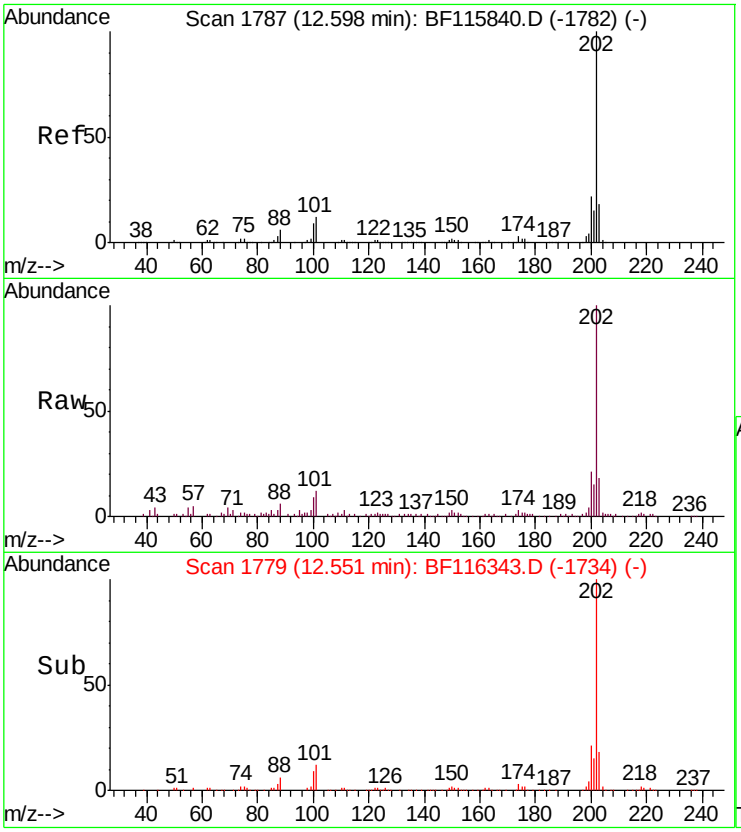


#72
Anthracene
Concen: 4.129 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.09 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:178 Resp: 92407

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.9	13.0	19.6



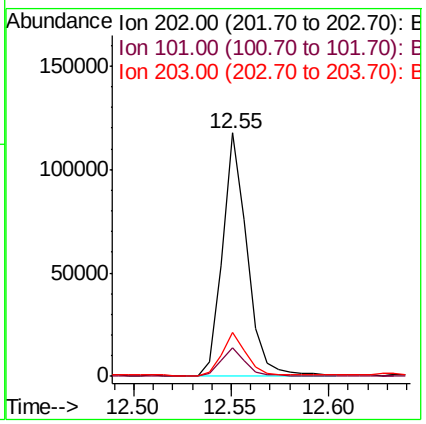


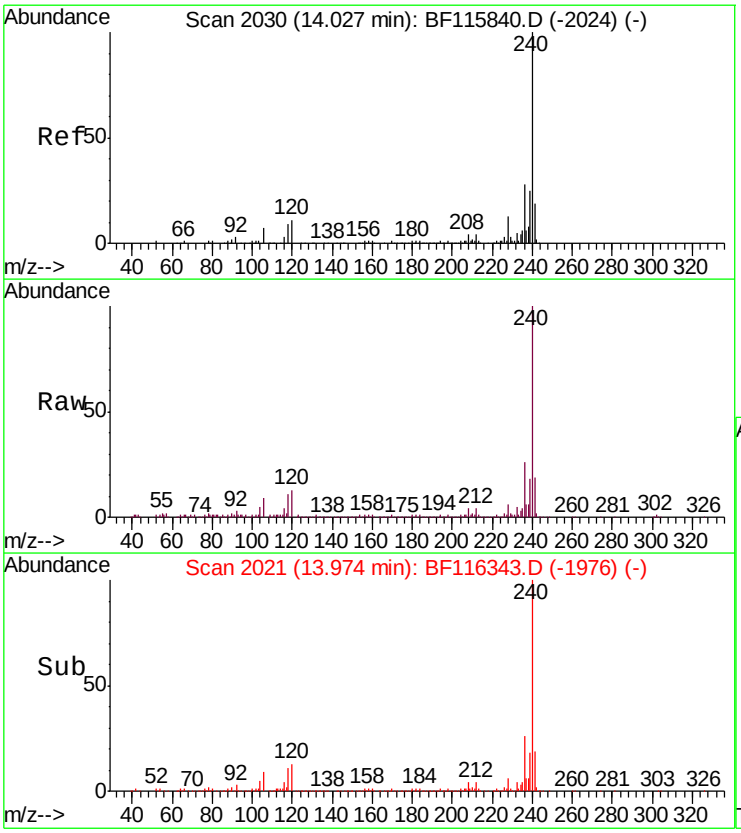
#75
Fluoranthene
Concen: 4.481 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:202 Resp: 103746

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
203	18.3	0.0	37.8

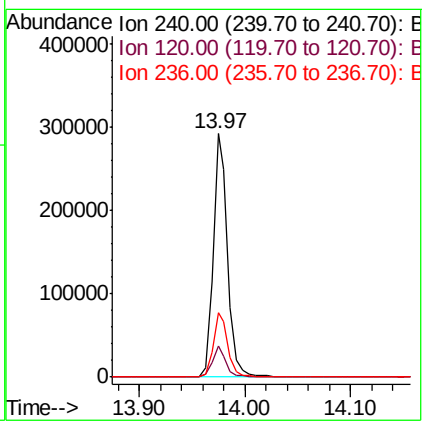


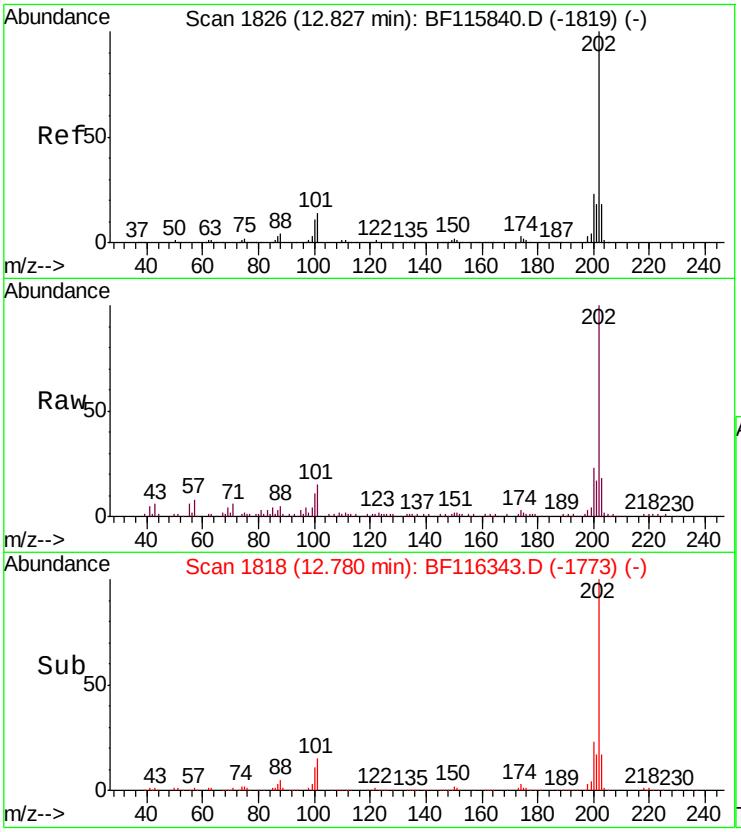


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:240 Resp: 281602

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.7	16.1
236	26.4	22.2	33.2



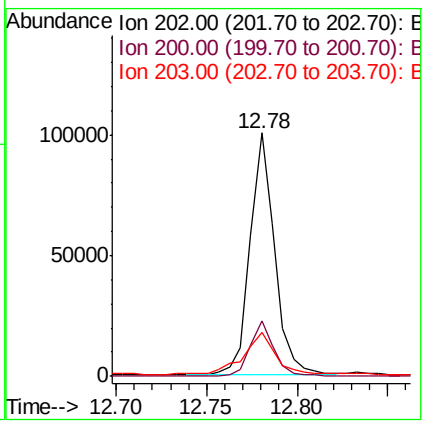


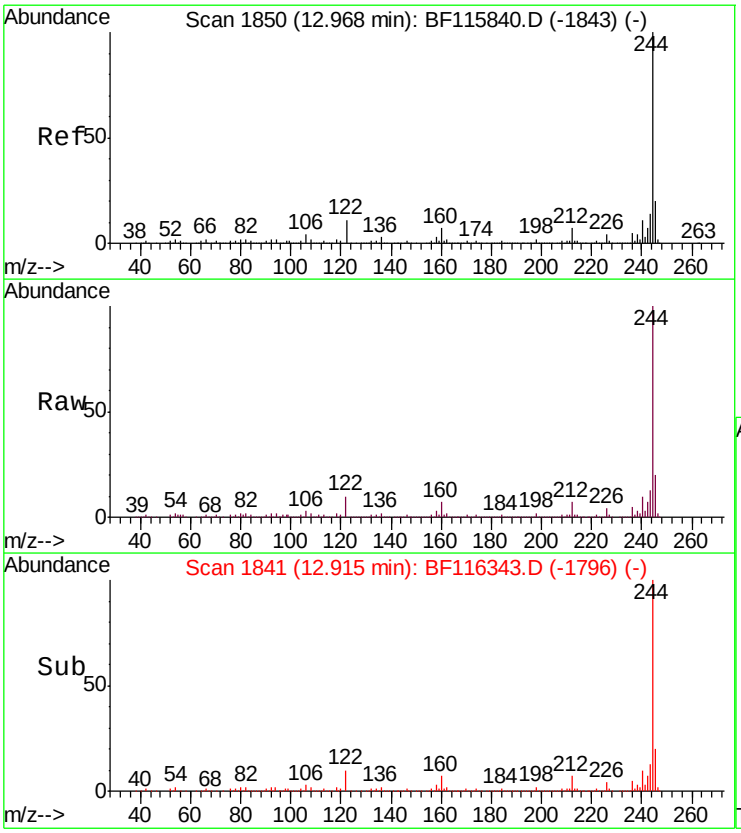
#78
Pyrene
Concen: 4.449 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:202 Resp: 94445

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	17.9	14.1	21.1

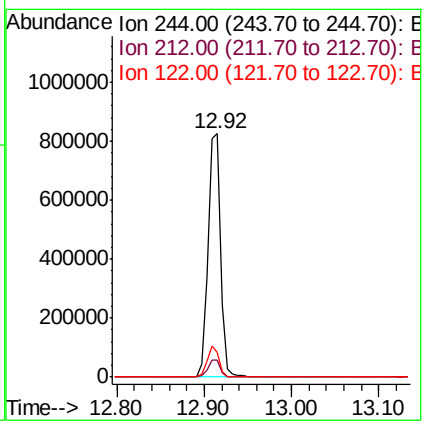


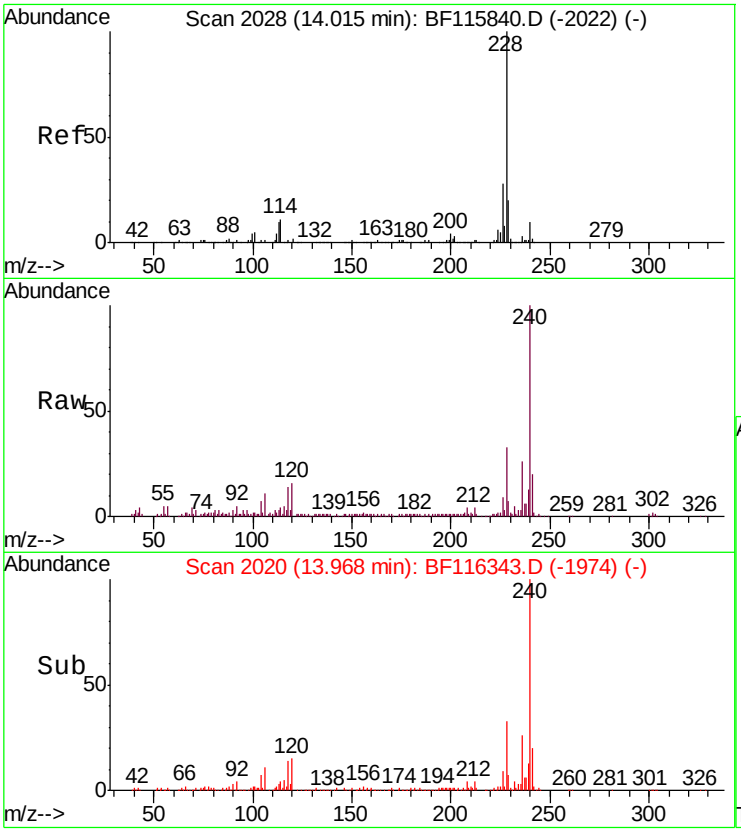


#79
Terphenyl-d14
Concen: 61.457 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:244 Resp: 821313

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.4	9.0	13.4



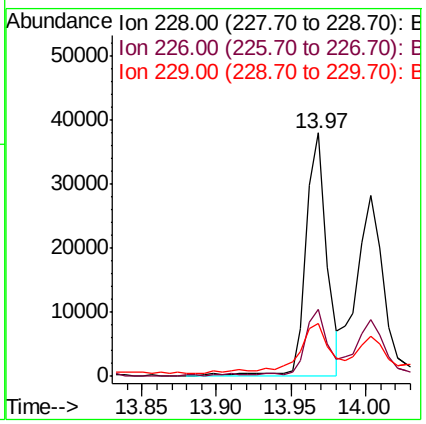


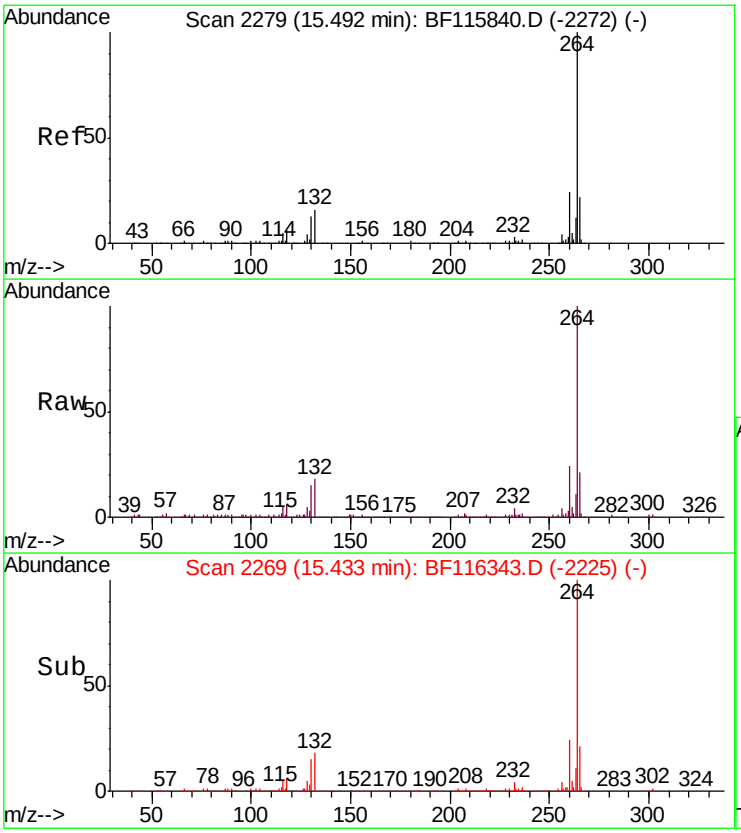
#81
Benzo(a)anthracene
Concen: 2.046 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:228 Resp: 36817

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	21.7	16.2	24.4

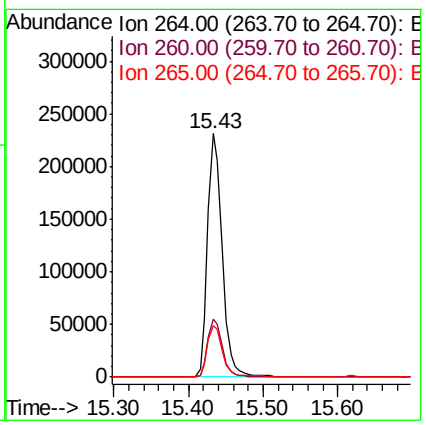


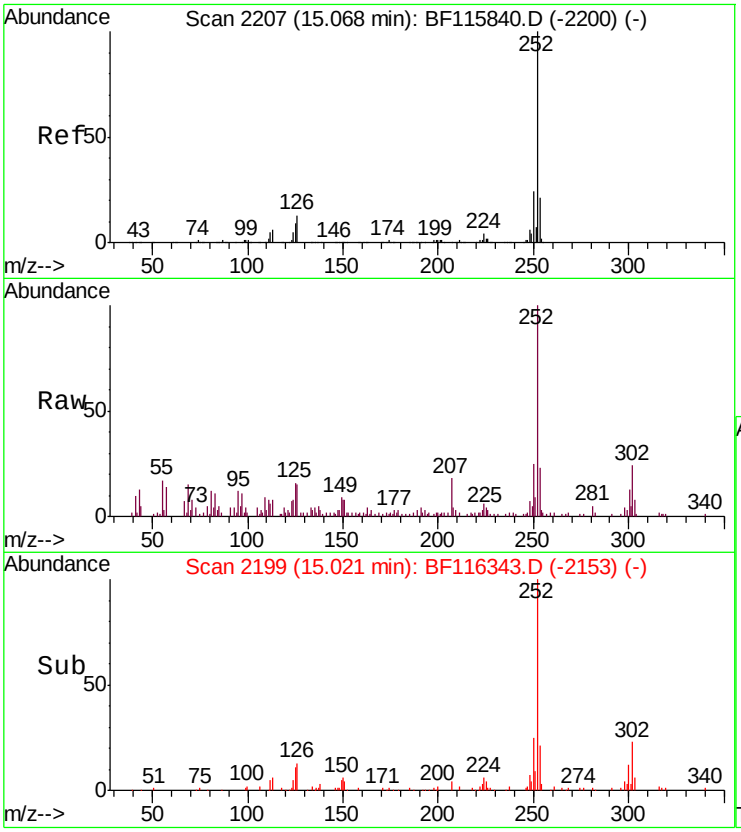


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:264 Resp: 316485

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.3	17.4	26.0



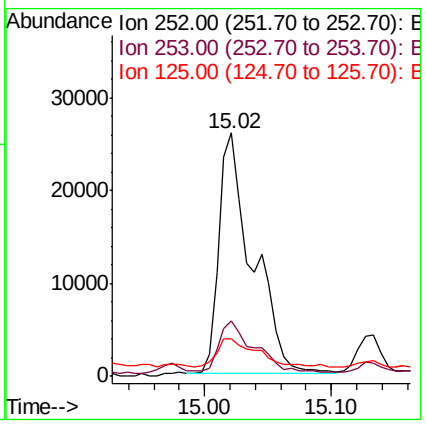


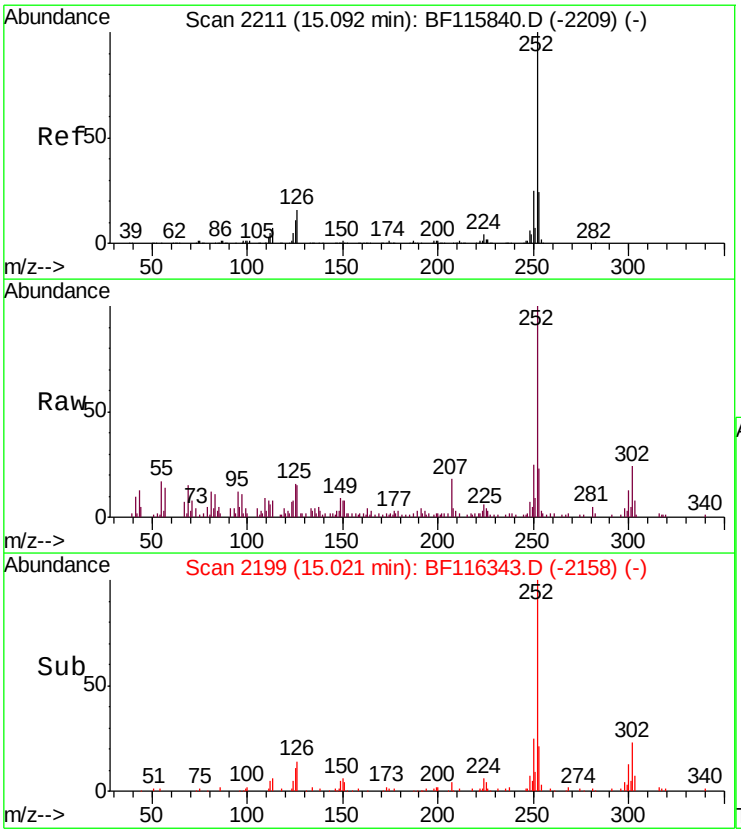
#88
Benzo(b)fluoranthene
Concen: 2.627 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

Tgt Ion:252 Resp: 48077

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	15.5	8.4	12.6#





#89
Benzo(k)fluoranthene
Concen: 2.697 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.06 min
Lab File: BF116343.D
Acq: 17 Aug 2019 3:02

Tgt Ion:252 Resp: 48077

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	15.5	7.7	11.5#