Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
Data File : BF117302.D
Acq On : 2 Oct 2019 16:26
Operator : JU
Sample : K5148-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 03 01:31:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22795	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	94304	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	52313	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	88278	20.00	ng	0.00
76) Chrysene-d12	13.98	240	69691	20.00	ng	0.00
87) Perylene-d12	15.44	264	56495	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	86300	59.11	ng	-0.01
7) Phenol-d6	6.45	99	114421	60.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	67808	37.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	25805	59.02	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	137364	41.06	ng	-0.01
79) Terphenyl-d14	12.92	244	149096	39.99	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	1945	Below Cal	#	76
25) Isophorone	7.37	82	67807	21.337	ng	# 66
38) 1-Methylnaphthalene	8.90	142	6669	2.331	ng	# 90
50) Dimethylphthalate	9.56	163	20631	5.570	ng	# 99
52) Acenaphthene	9.87	154	8887	3.090	ng	95
55) Dibenzofuran	10.05	168	8506	2.005	ng	# 96
58) Fluorene	10.39	166	15635	4.574	ng	97
71) Phenanthrene	11.36	178	116498	23.234	ng	99
72) Anthracene	11.41	178	35504	6.936	ng	97
73) Carbazole	11.57	167	10910	2.245	ng	# 93
75) Fluoranthene	12.55	202	165691	32.160	ng	97
78) Pyrene	12.78	202	158008	27.021	ng	99
81) Benzo(a)anthracene	13.97	228	71426	15.340	ng	97
83) Chrysene	14.00	228	58451	12.871	ng	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	23133	6.982	ng	# 92
88) Benzo(b)fluoranthene	15.02	252	83970	24.538	ng	# 95
89) Benzo(k)fluoranthene	15.02	252	83970	25.903	ng	# 95
90) Benzo(a)pyrene	15.38	252	46310	15.421	ng	# 95
91) Dibenzo(a,h)anthracene	16.89	278	5825	2.435	ng	# 58
92) Benzo(g,h,i)perylene	17.34	276	23531	9.871	ng	97

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

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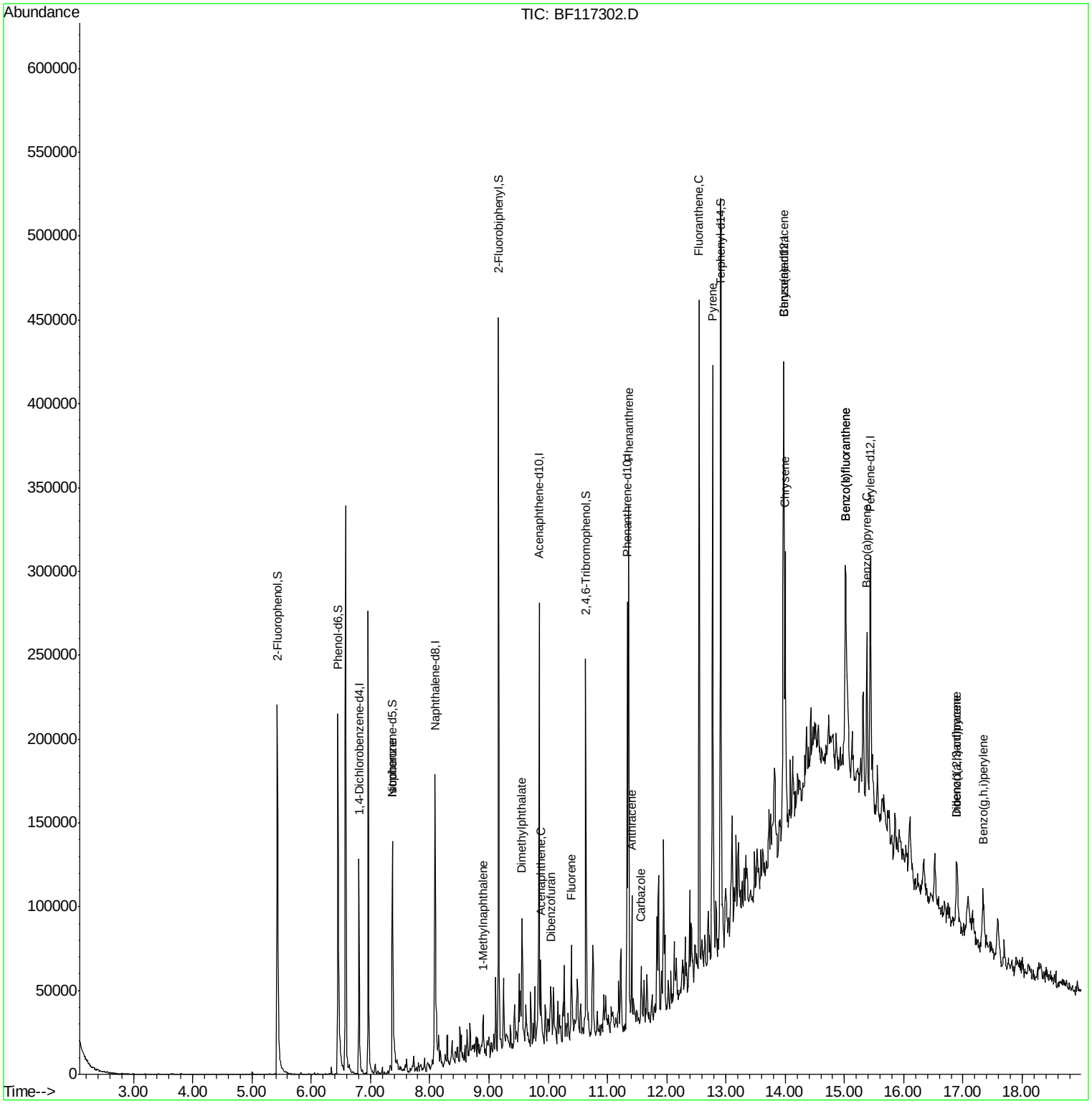
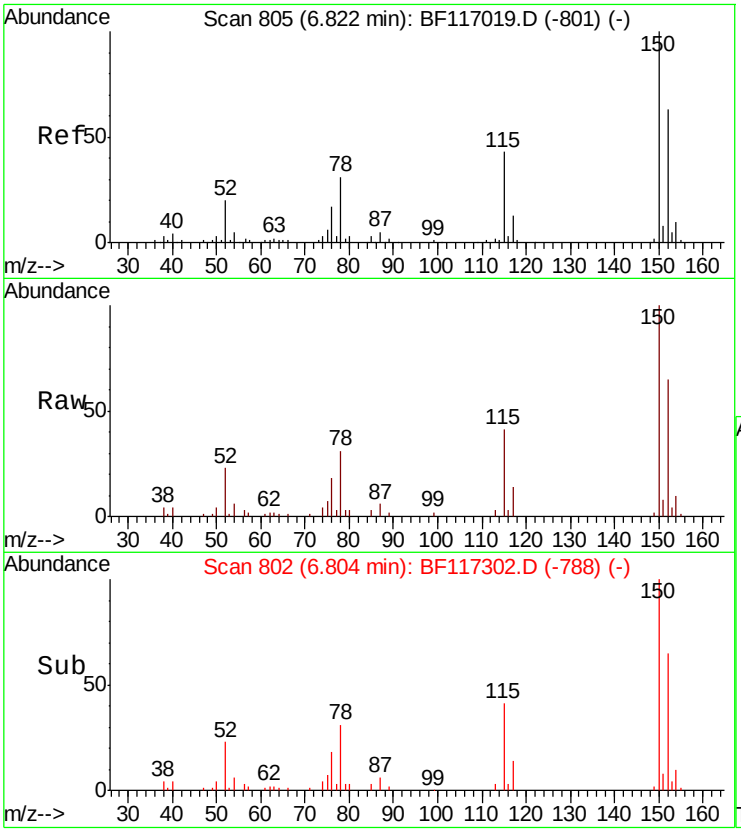


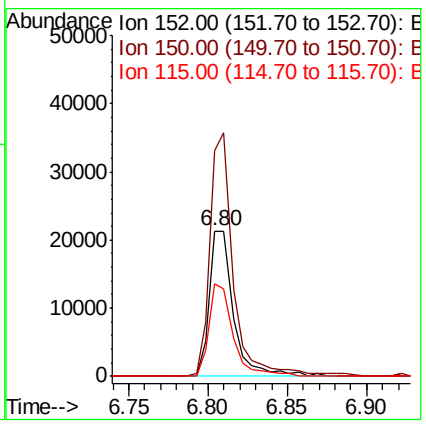


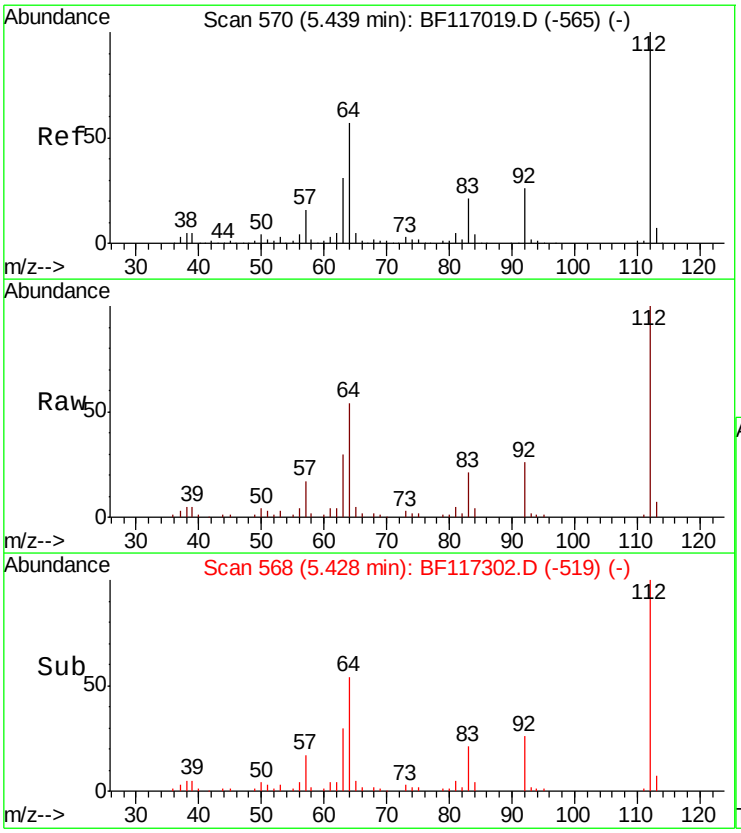
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 22795

Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.5	191.3
115	63.5	55.0	82.4

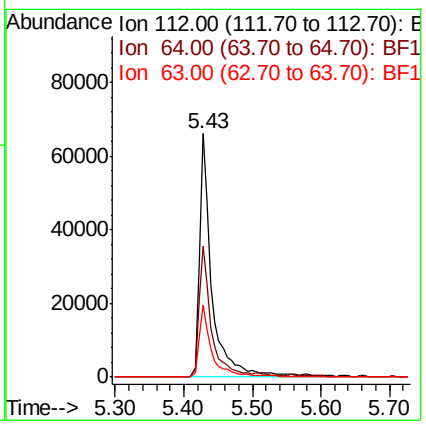


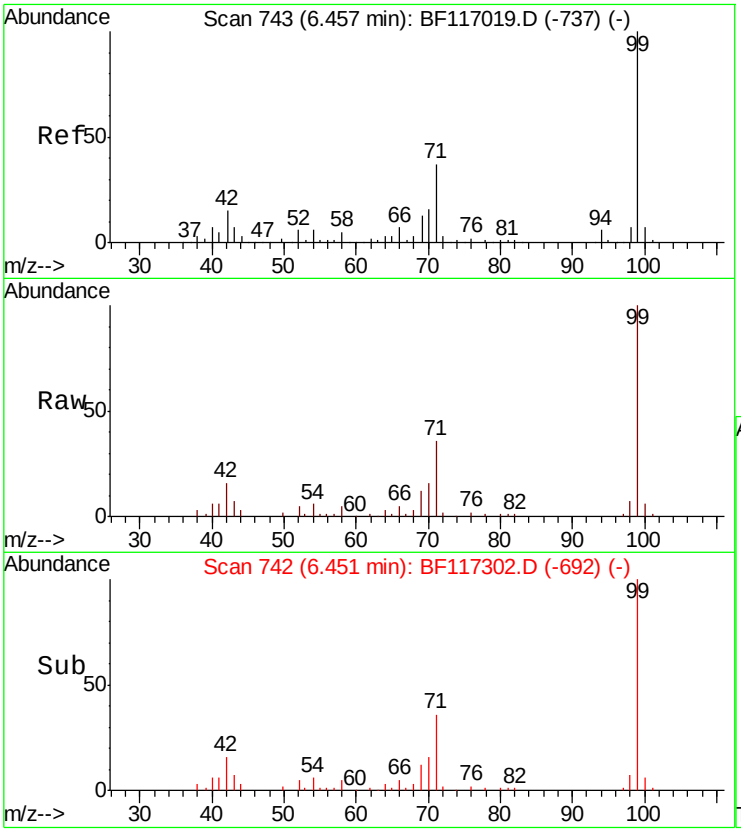


#5
2-Fluorophenol
Concen: 59.108 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:112 Resp: 86300

Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.7	68.5
63	29.9	24.9	37.3



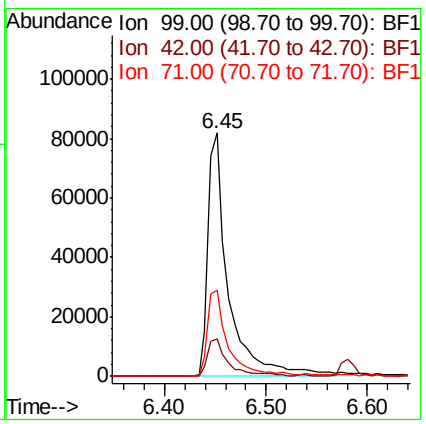


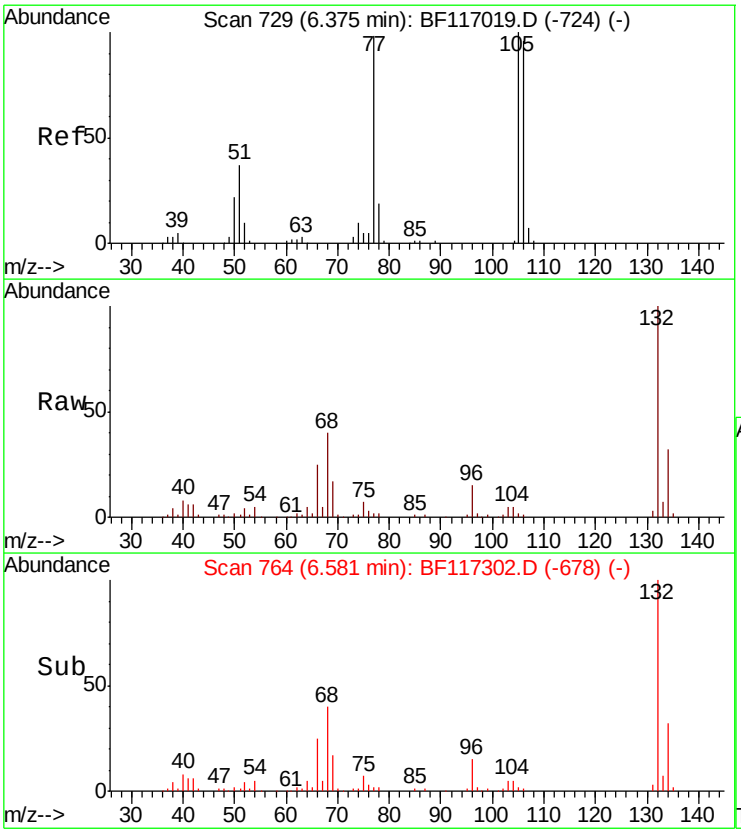
#7
Phenol-d6
Concen: 60.639 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 114421

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.2	18.2
71	35.5	29.8	44.8

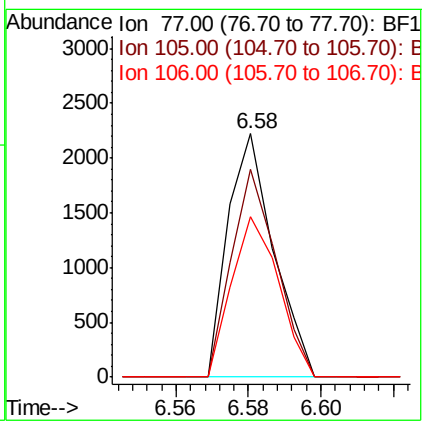


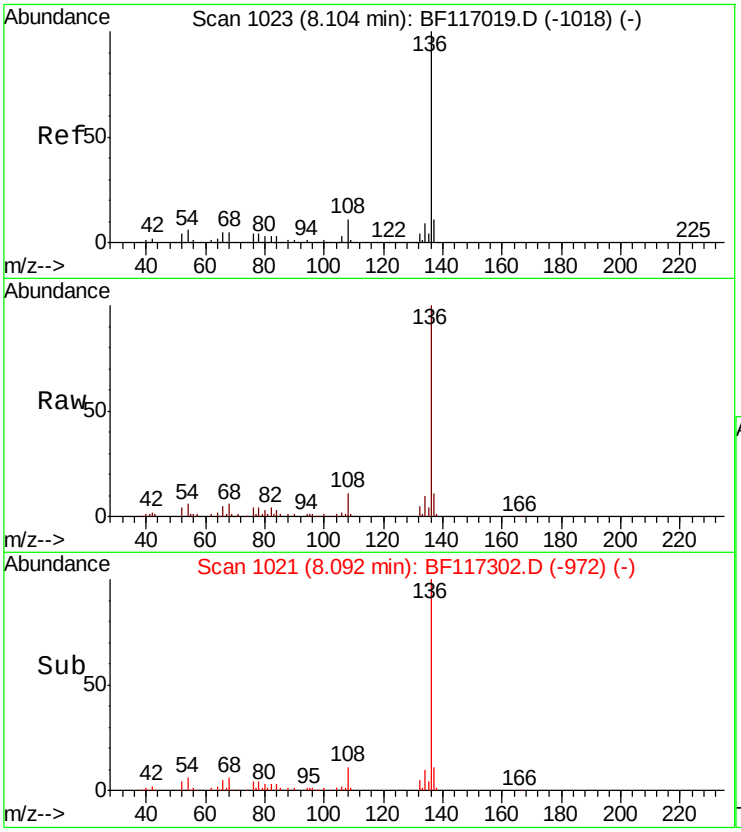


#9
Benzaldehyde
Concen: Below Cal
RT: 6.58 min Scan# 764
Delta R.T. 0.21 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion: 77 Resp: 1945

Ion	Ratio	Lower	Upper
77	100		
105	85.2	81.8	121.8
106	65.9	77.3	117.3#



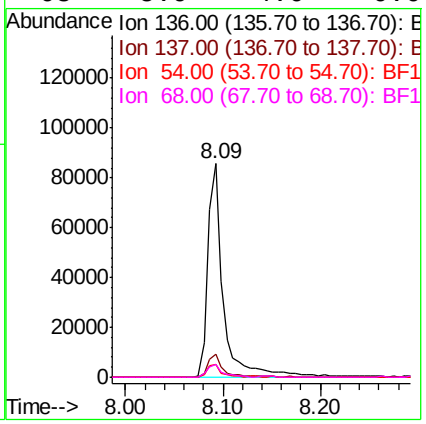


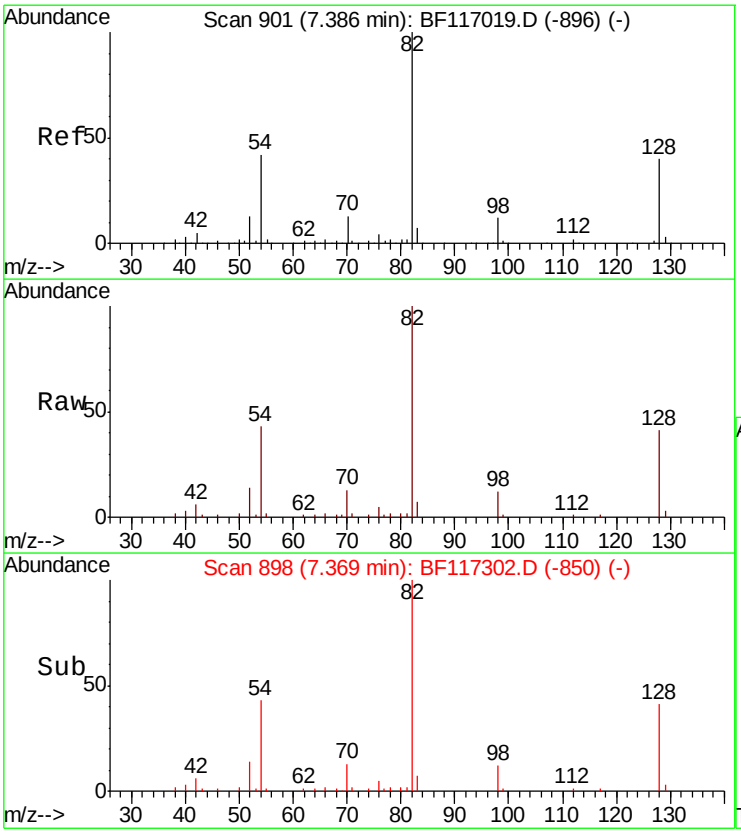
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 94304

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.9	4.5	6.7
68	5.9	4.0	6.0

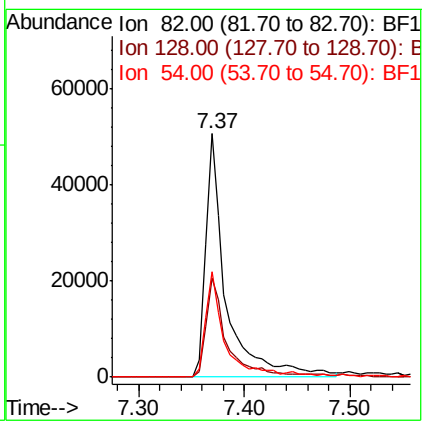


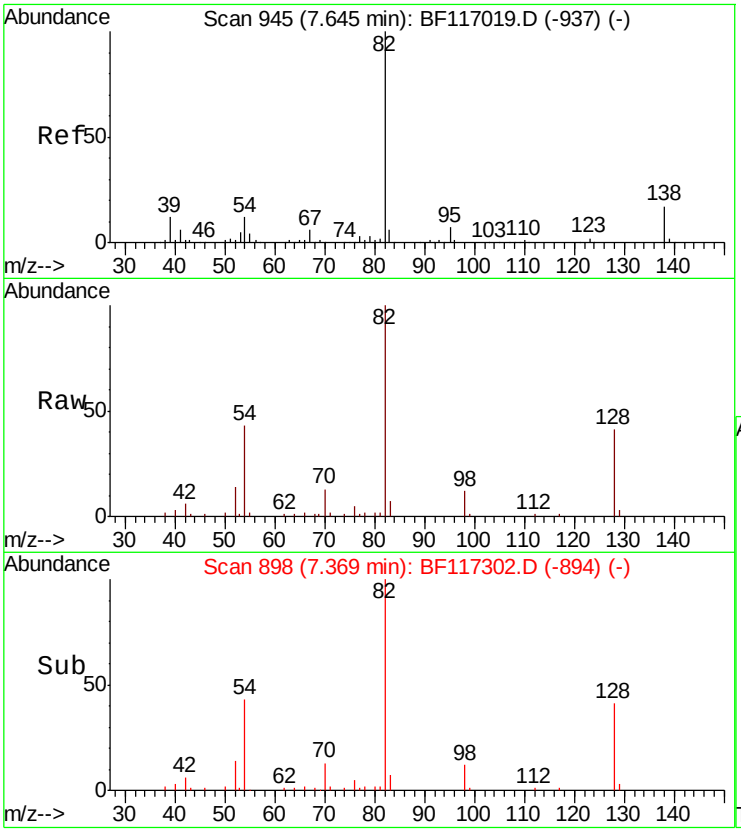


#23
Nitrobenzene-d5
Concen: 37.780 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion: 82 Resp: 67808

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.3	48.5
54	43.1	33.3	49.9



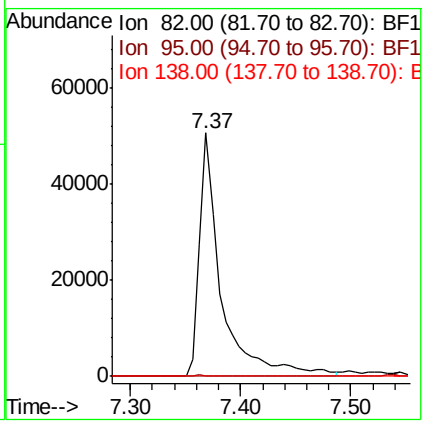


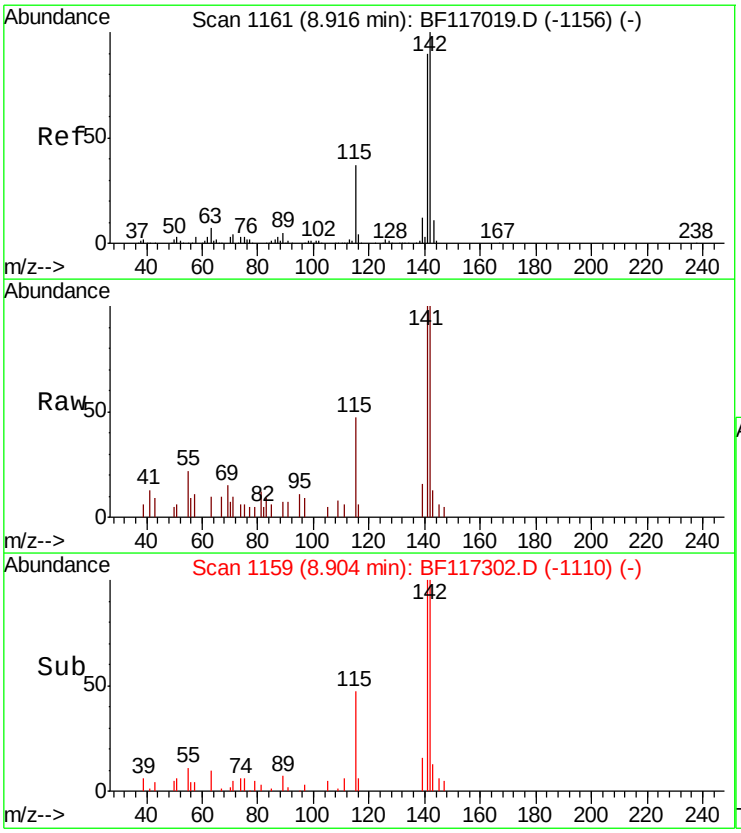
#25
Isophorone
Concen: 21.337 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 67807

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

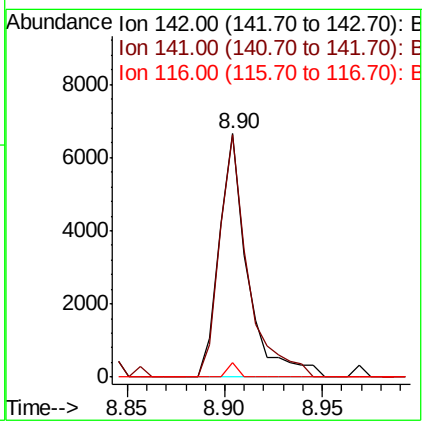


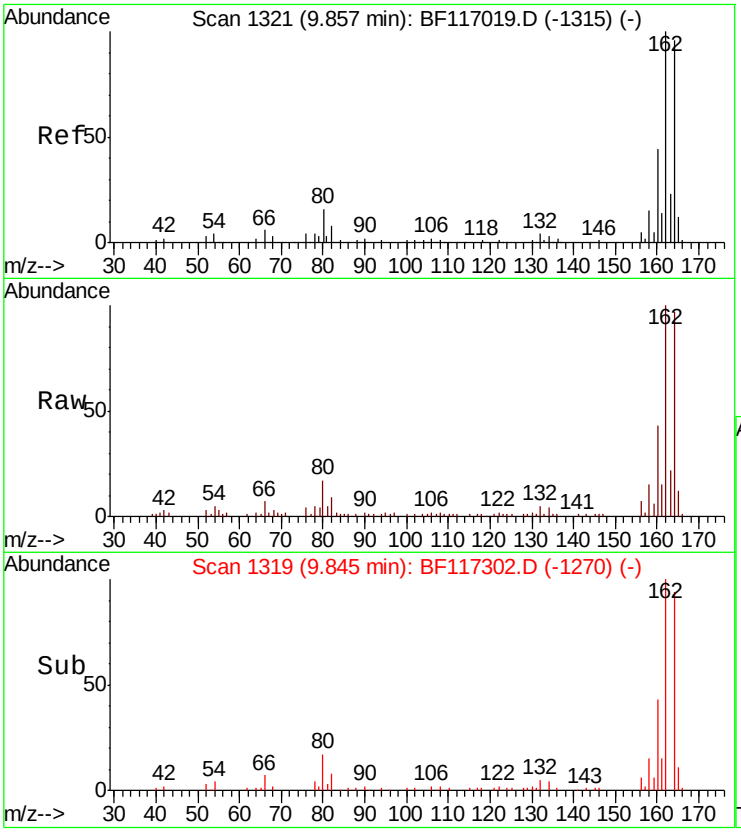


#38
1-Methylnaphthalene
Concen: 2.331 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:142 Resp: 6669

Ion	Ratio	Lower	Upper
142	100		
141	99.7	71.9	107.9
116	5.8	3.2	4.8#



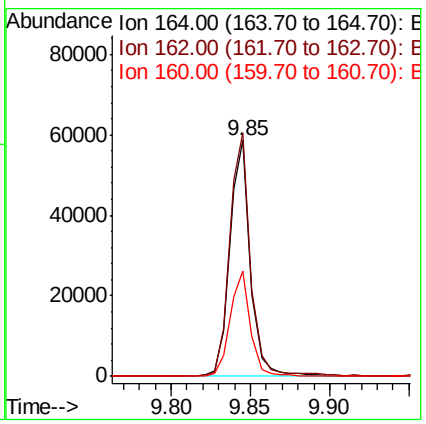


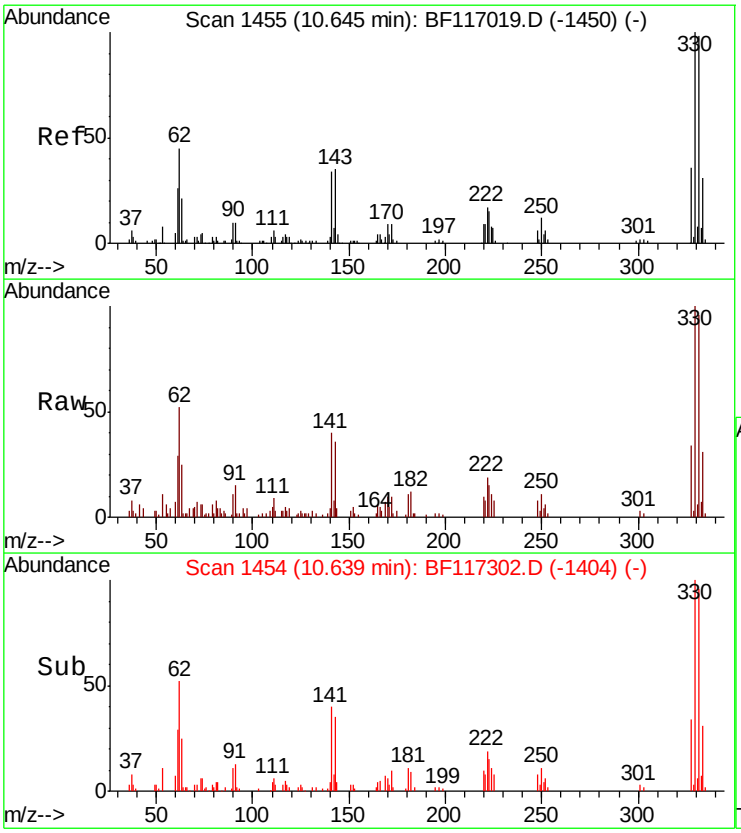
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 52313

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.4	125.2
160	44.5	36.4	54.6

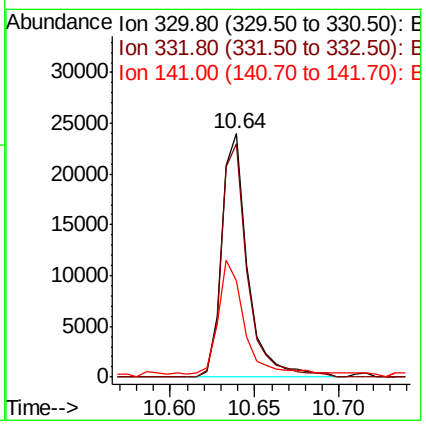


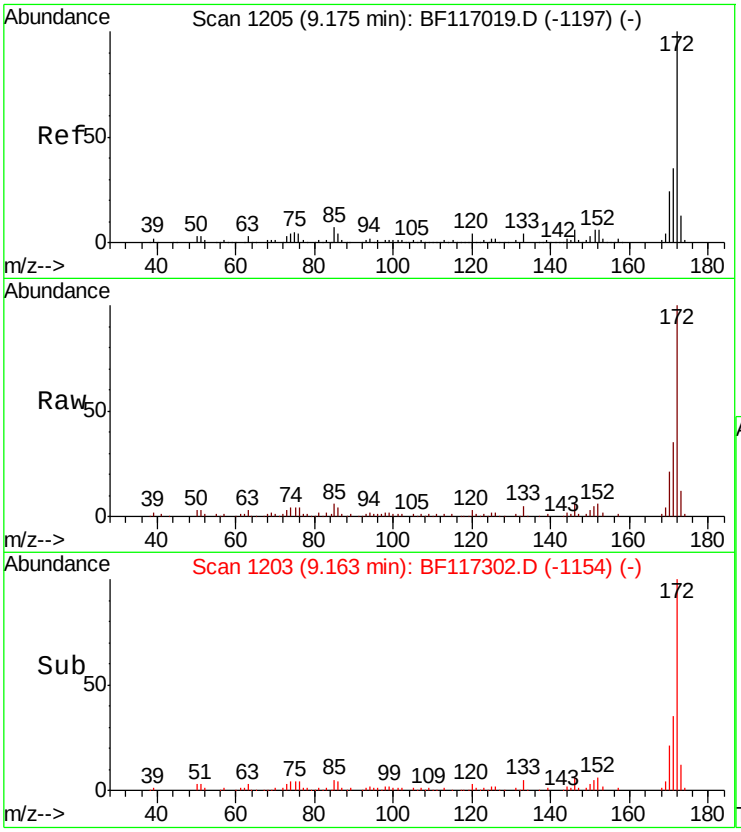


#42
2,4,6-Tribromophenol
Concen: 59.021 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:330 Resp: 25805

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.0	117.0
141	54.7	35.8	53.6#



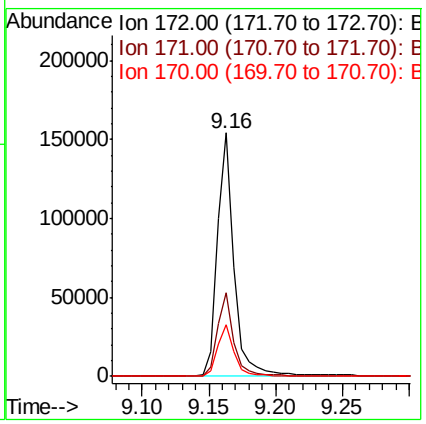


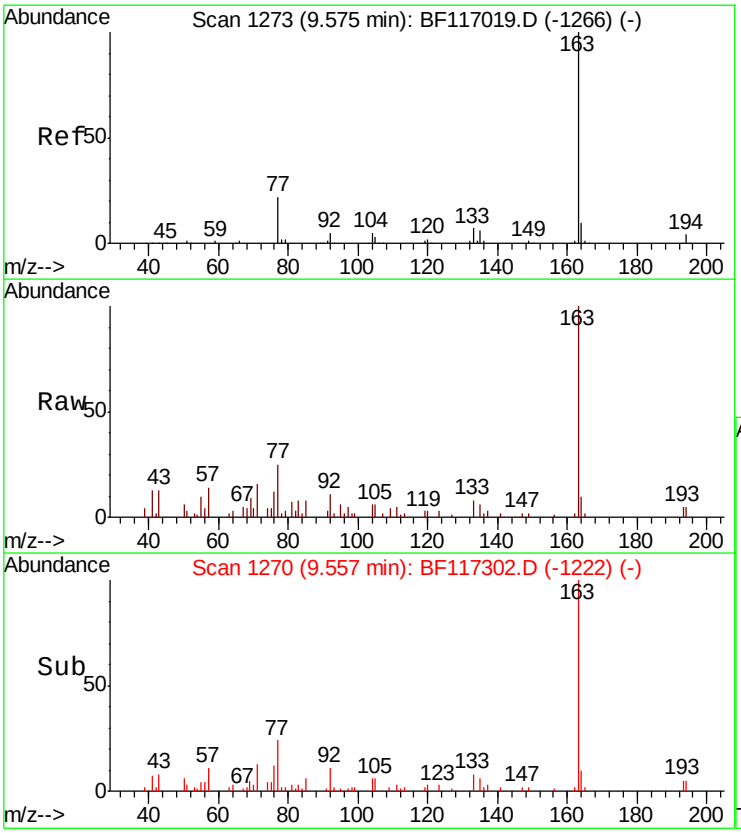
#45
2-Fluorobiphenyl
Concen: 41.057 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 137364

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	21.1	18.9	28.3

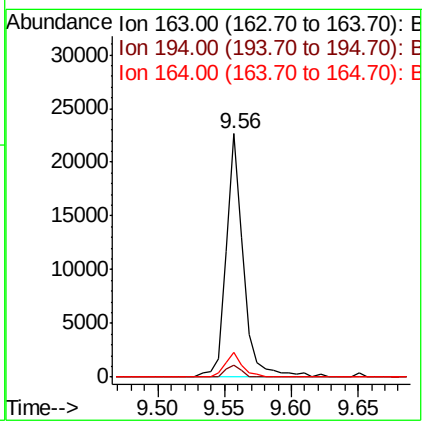


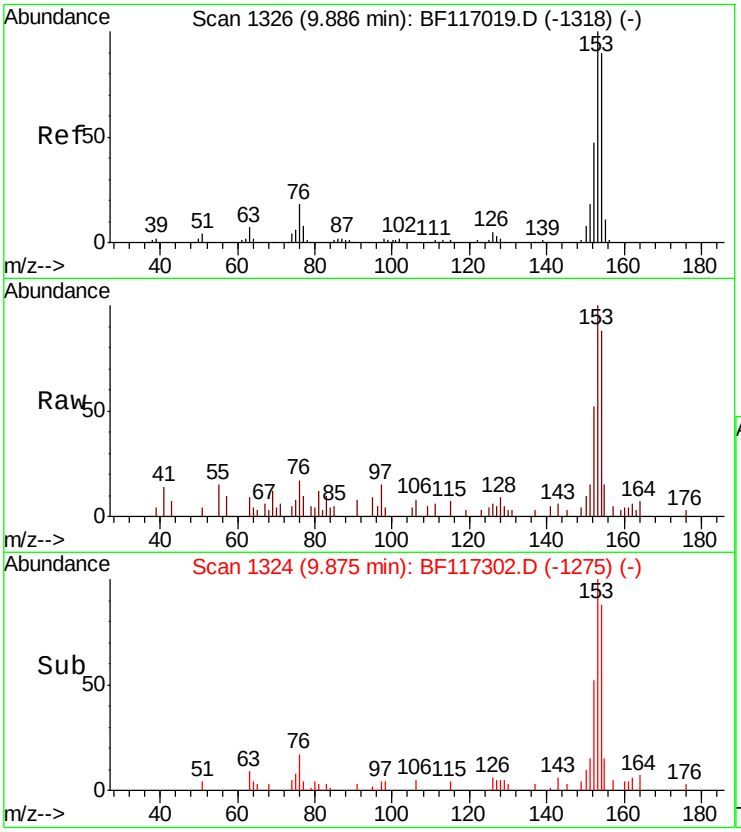


#50
Dimethylphthalate
Concen: 5.570 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:163 Resp: 20631

Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.9	4.3#
164	10.1	8.2	12.4



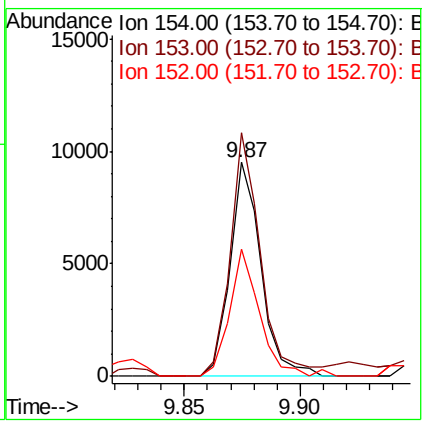


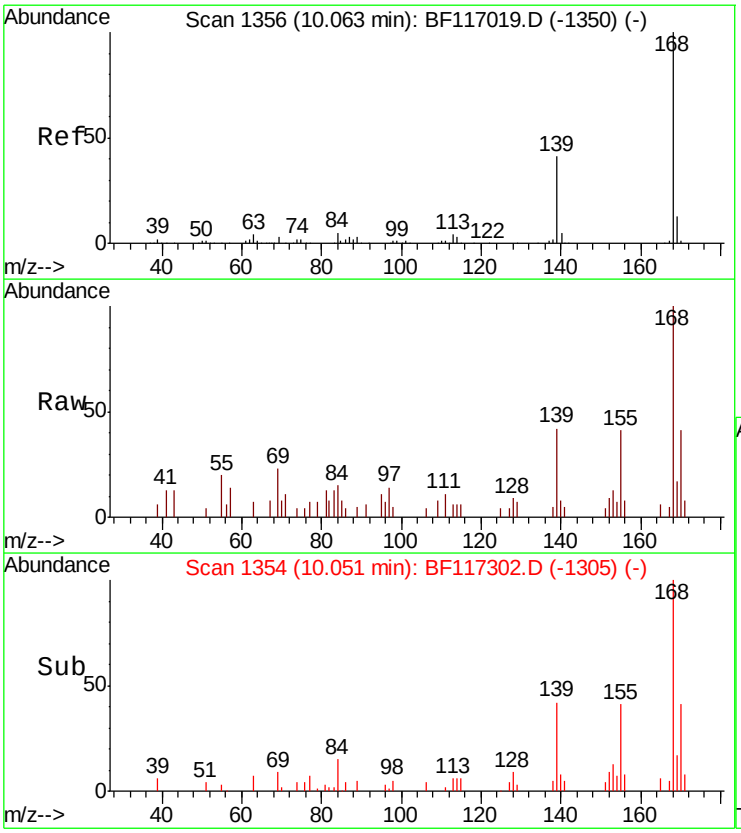
#52
Acenaphthene
Concen: 3.090 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 8887

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.0	133.6
152	59.2	41.9	62.9

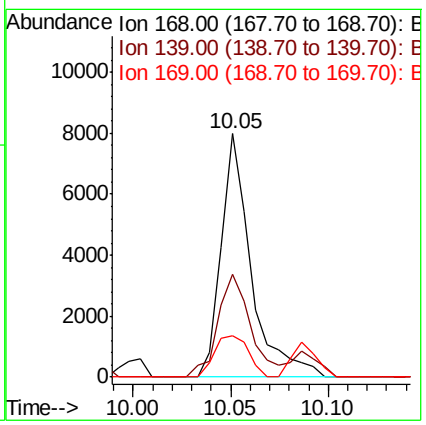


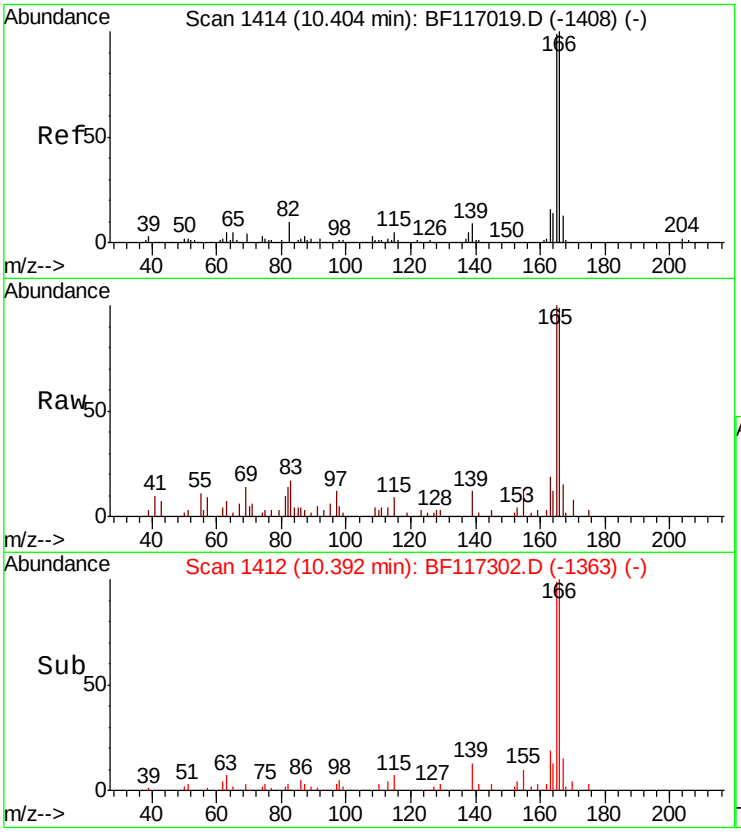


#55
Dibenzofuran
Concen: 2.005 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:168 Resp: 8506

Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.8	49.2
169	17.2	10.5	15.7#



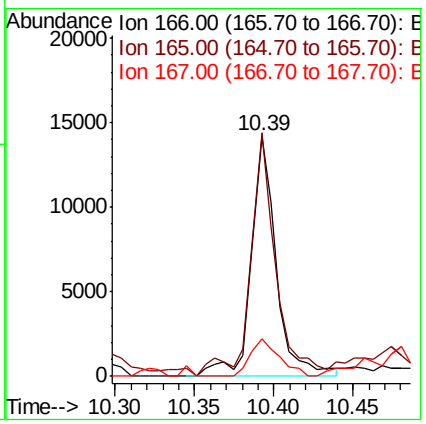


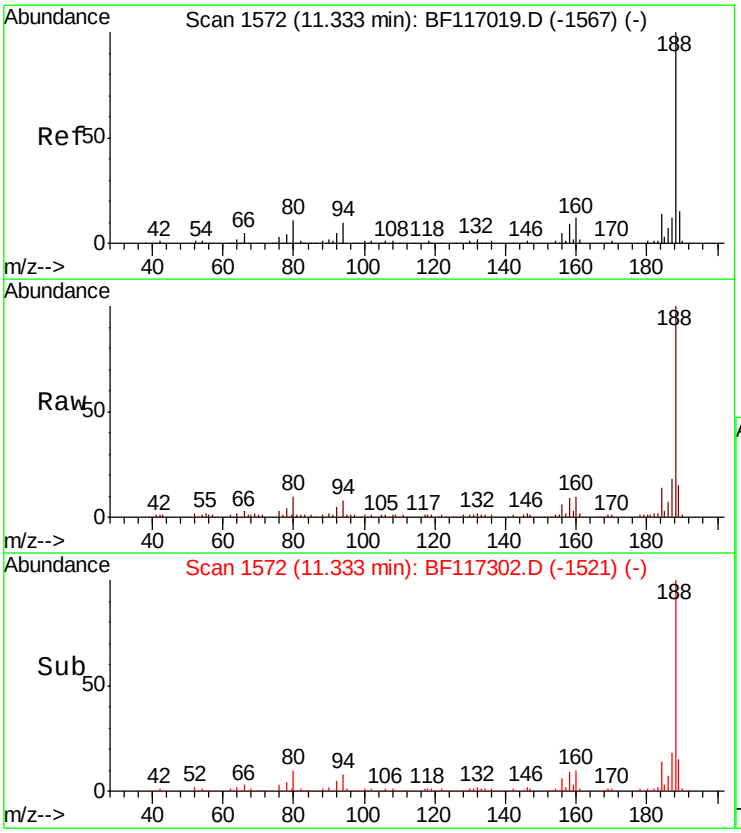
#58
Fluorene
Concen: 4.574 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 15635

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.9	118.3
167	15.5	10.6	15.8

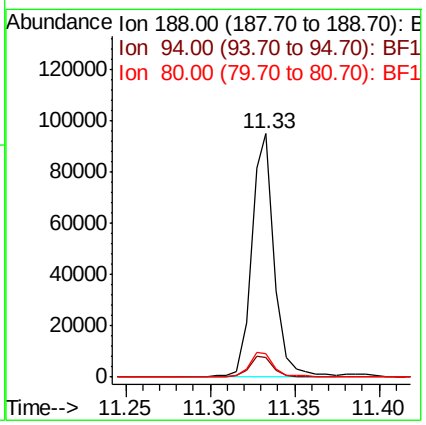


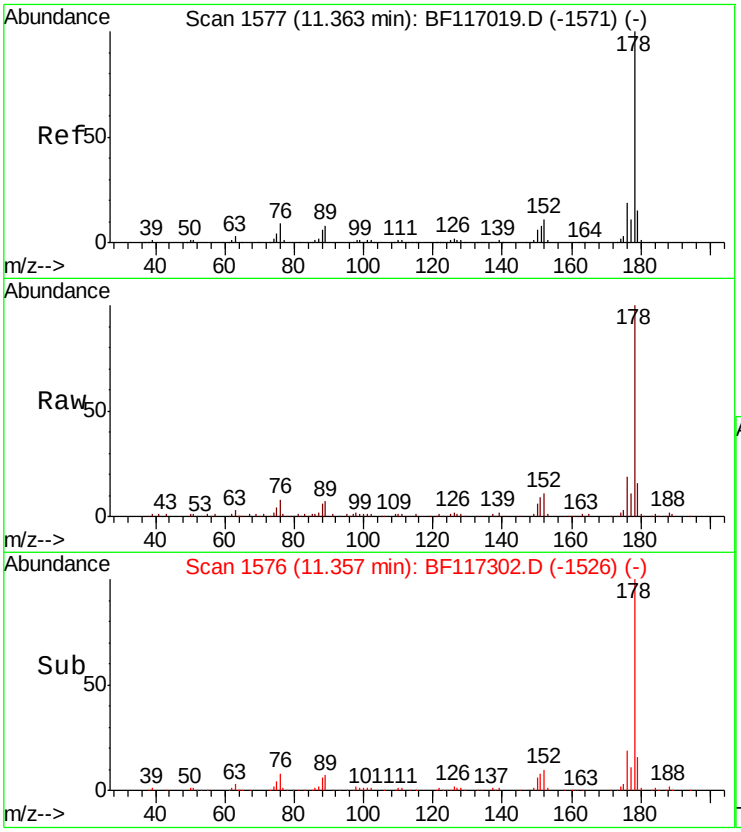


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:188 Resp: 88278

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	9.8	9.0	13.6



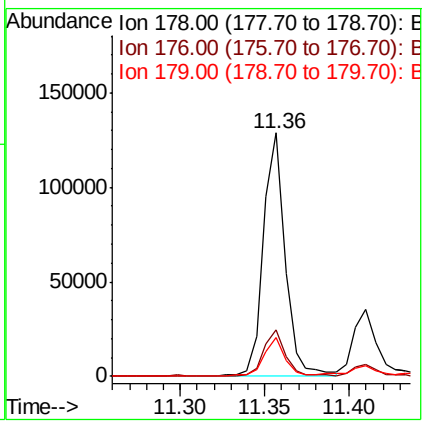


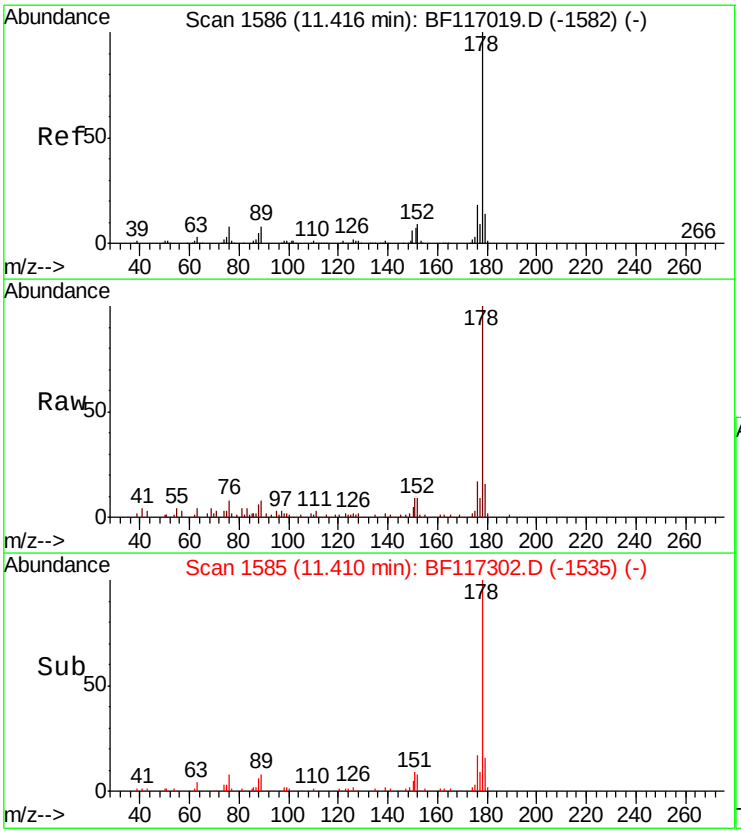
#71
Phenanthrene
Concen: 23.234 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 116498

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.1	12.4	18.6

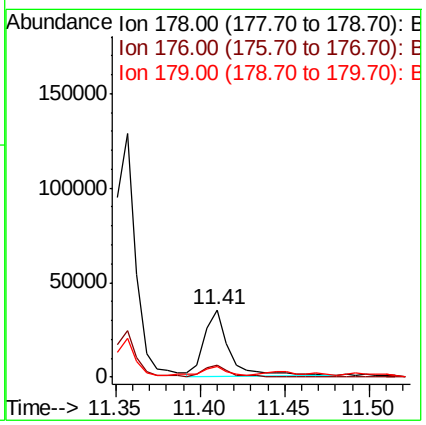


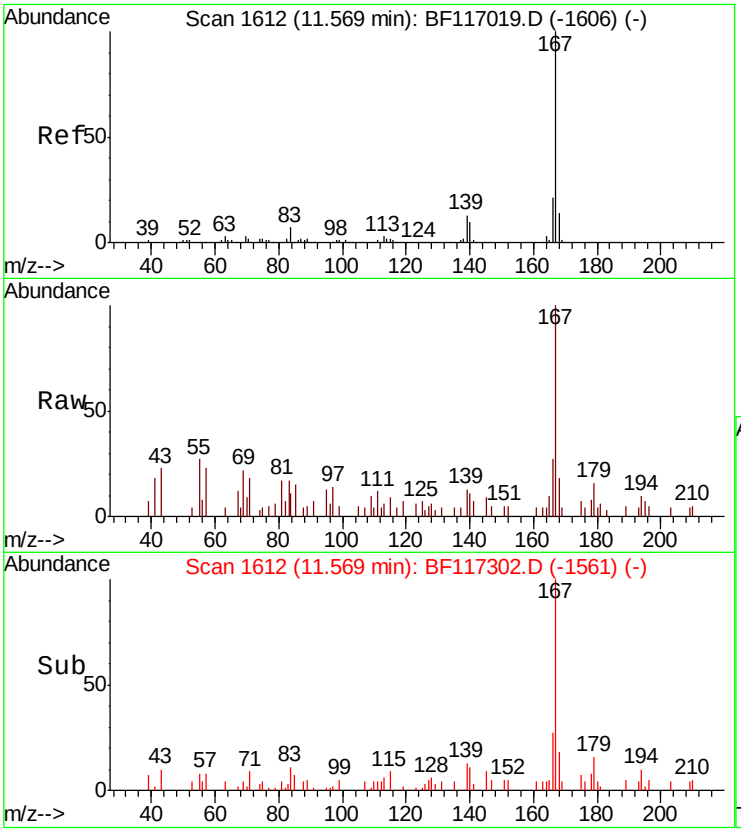


#72
Anthracene
Concen: 6.936 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:178 Resp: 35504

Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.6	21.8
179	15.6	11.6	17.4



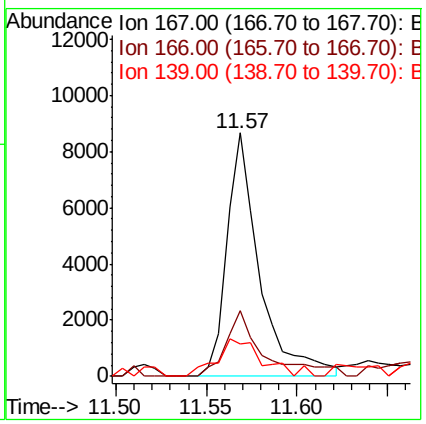


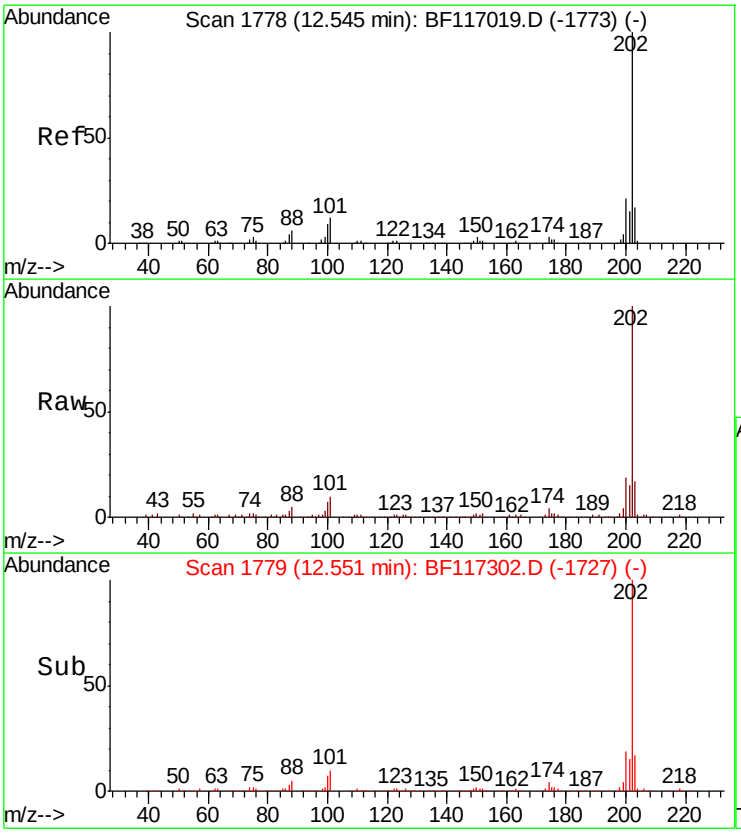
#73
Carbazole
Concen: 2.245 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 10910

Ion	Ratio	Lower	Upper
167	100		
166	26.8	17.2	25.8#
139	13.5	10.6	16.0

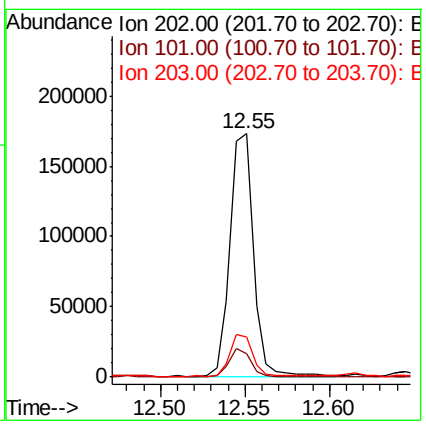


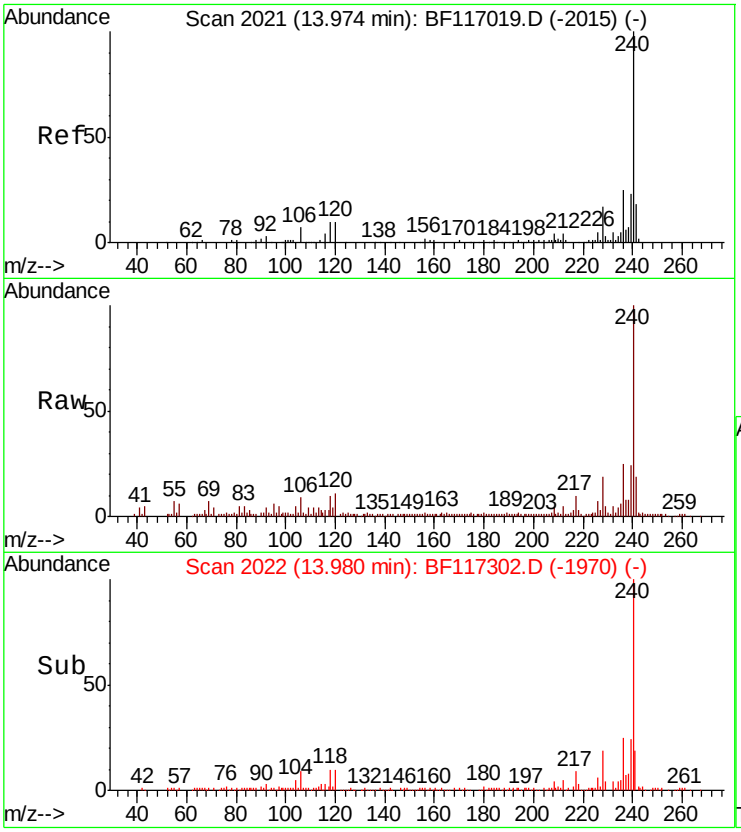


#75
Fluoranthene
Concen: 32.160 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:202 Resp: 165691

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.3
203	16.6	0.0	37.1



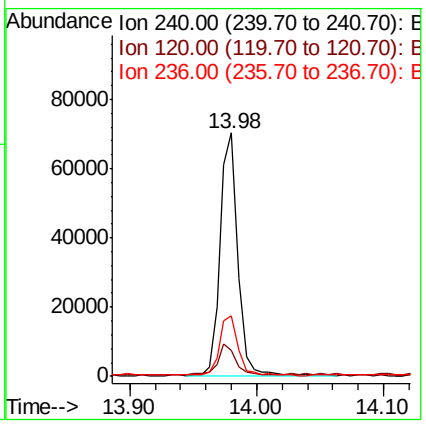


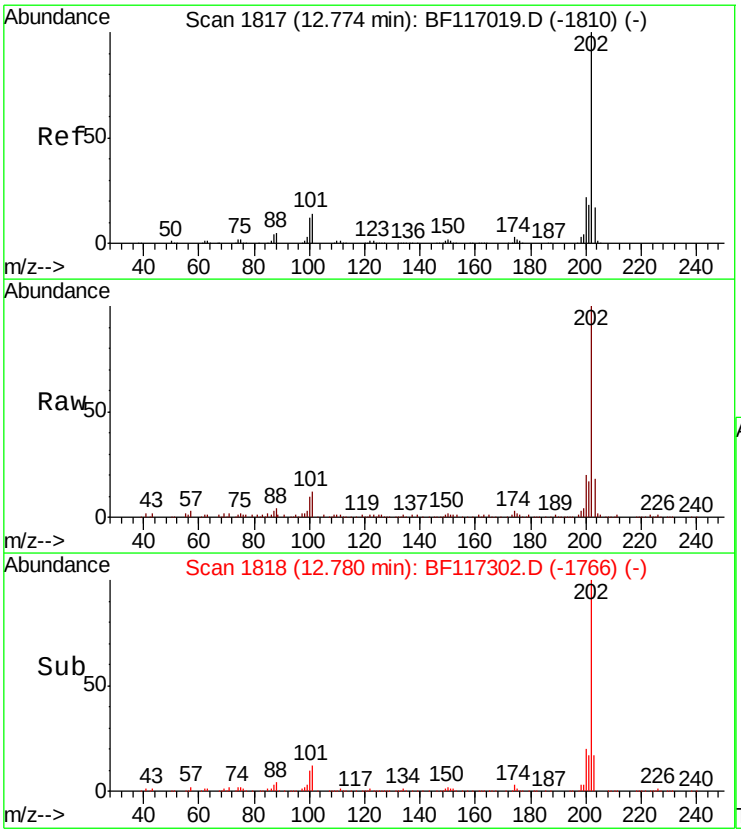
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 69691

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.9	20.3	30.5

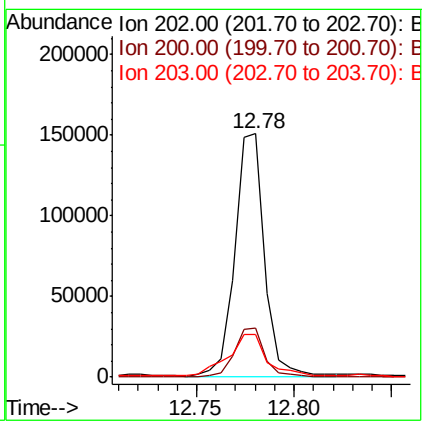


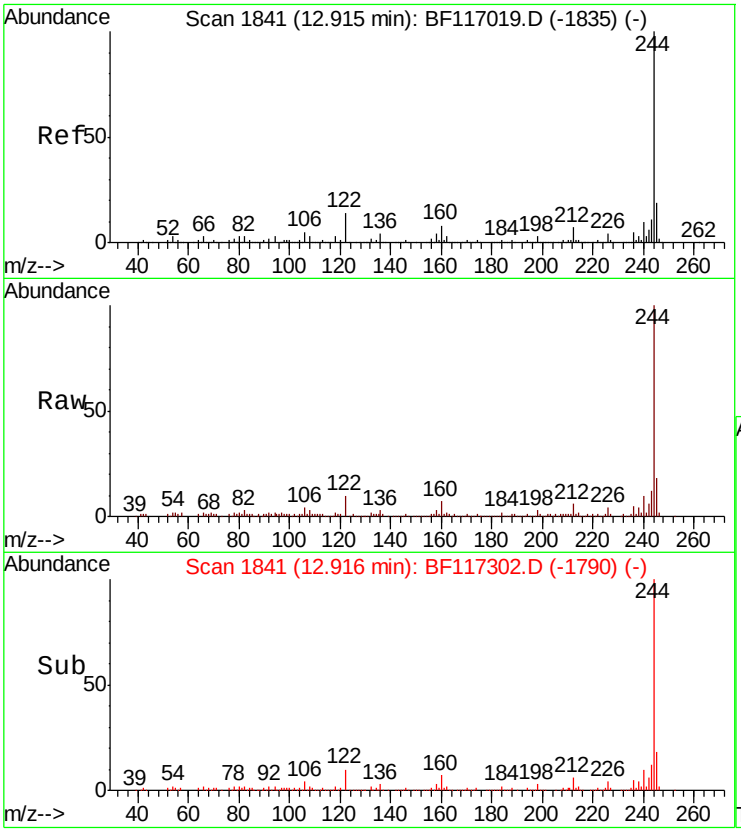


#78
Pyrene
Concen: 27.021 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:202 Resp: 158008

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.2	25.8
203	17.5	14.0	21.0



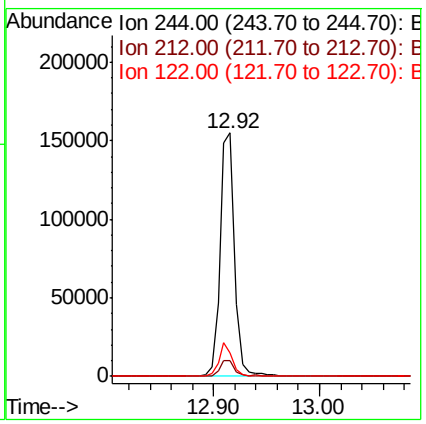


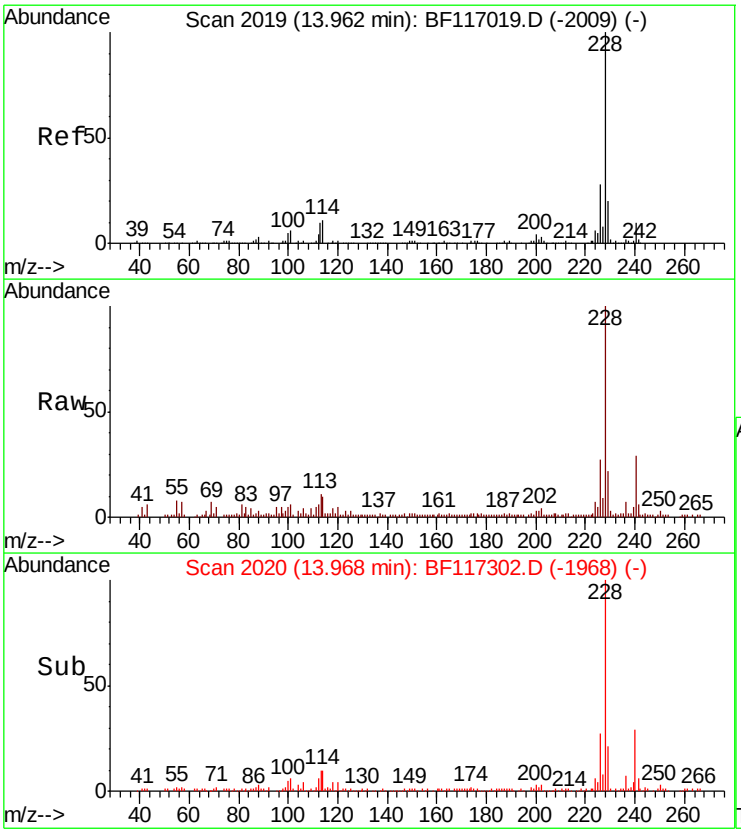
#79
Terphenyl-d14
Concen: 39.990 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 149096

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.7	11.3	16.9#

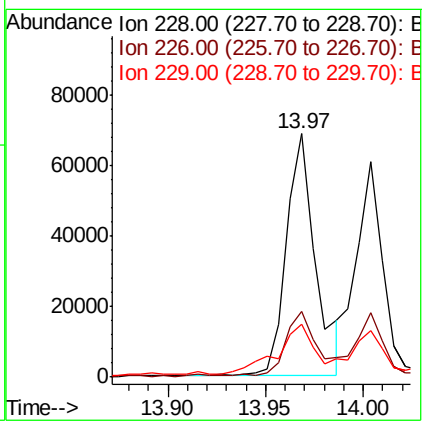


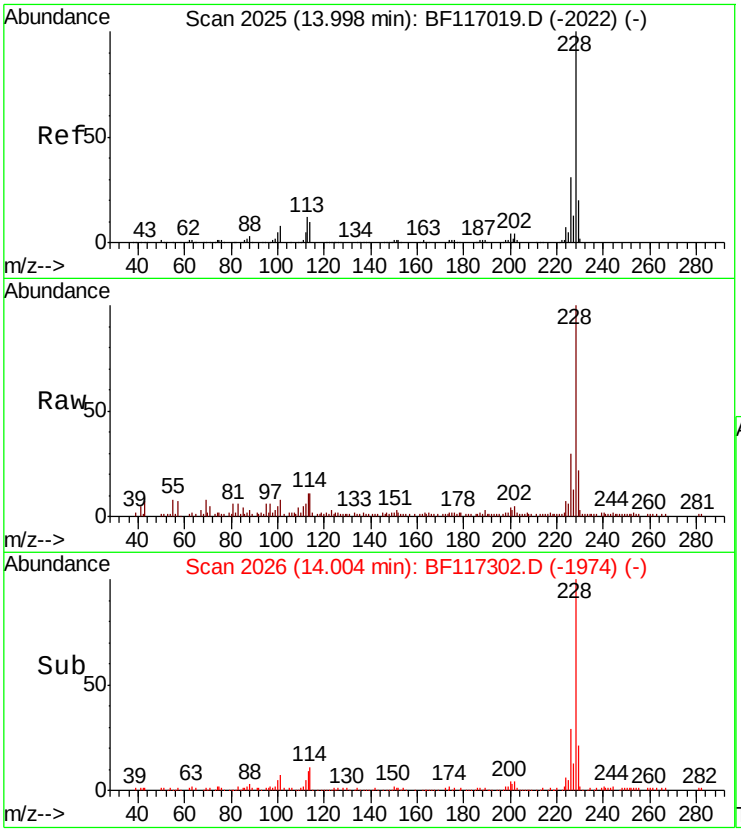


#81
Benzo(a)anthracene
Concen: 15.340 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:228 Resp: 71426

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	21.9	15.9	23.9



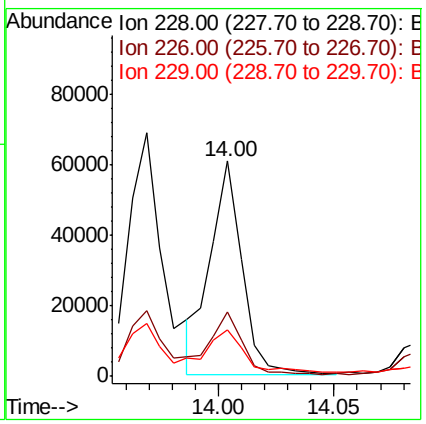


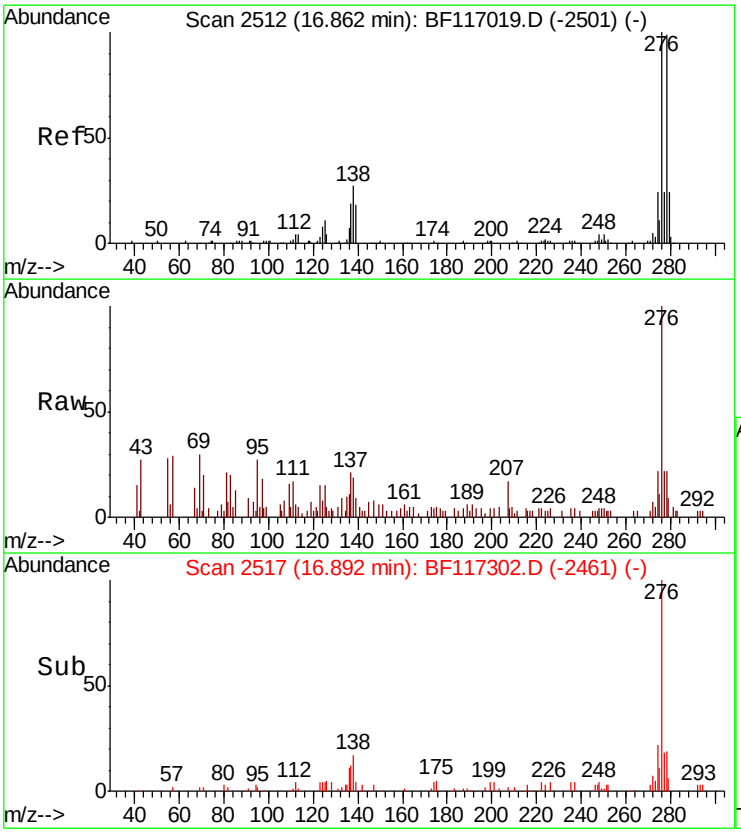
#83
Chrysene
Concen: 12.871 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 58451

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	21.8	15.8	23.8

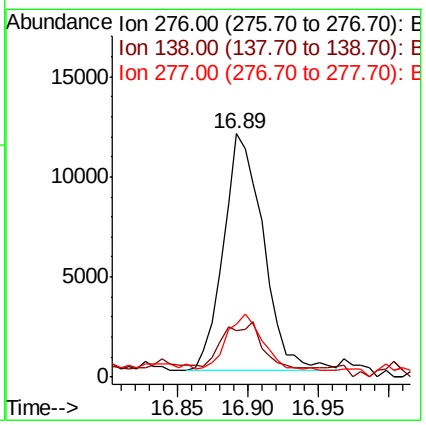


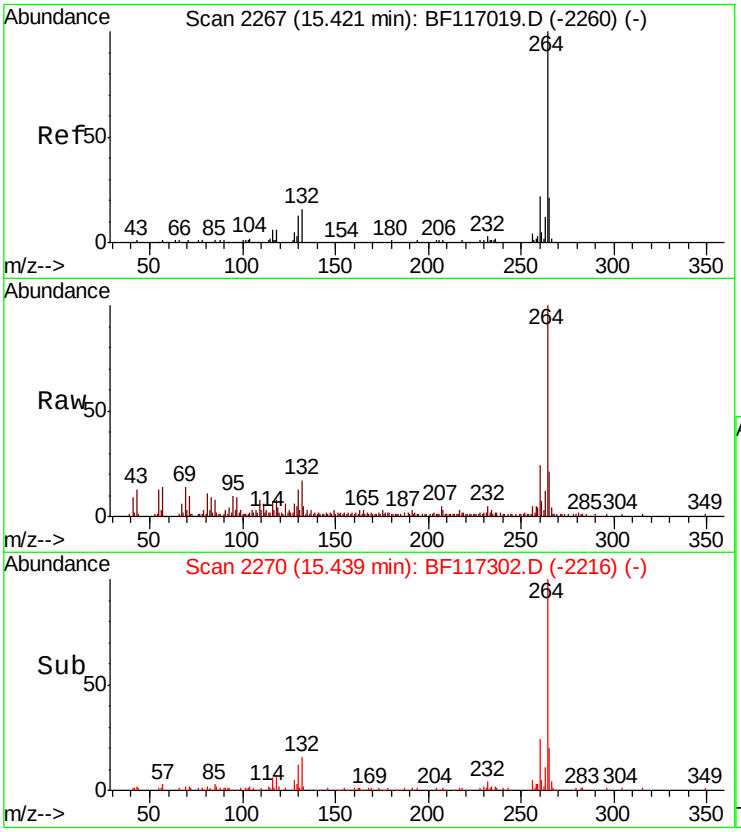


#86
Indeno(1,2,3-cd)pyrene
Concen: 6.982 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:276 Resp: 23133

Ion	Ratio	Lower	Upper
276	100		
138	18.9	20.7	31.1#
277	25.3	19.8	29.8



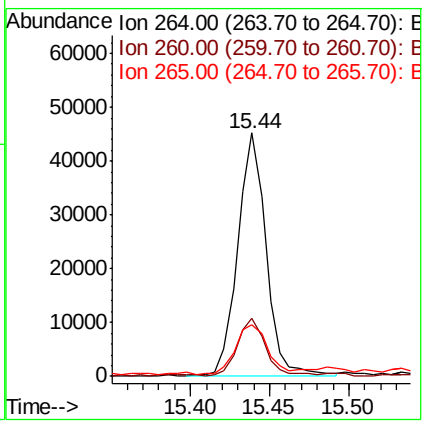


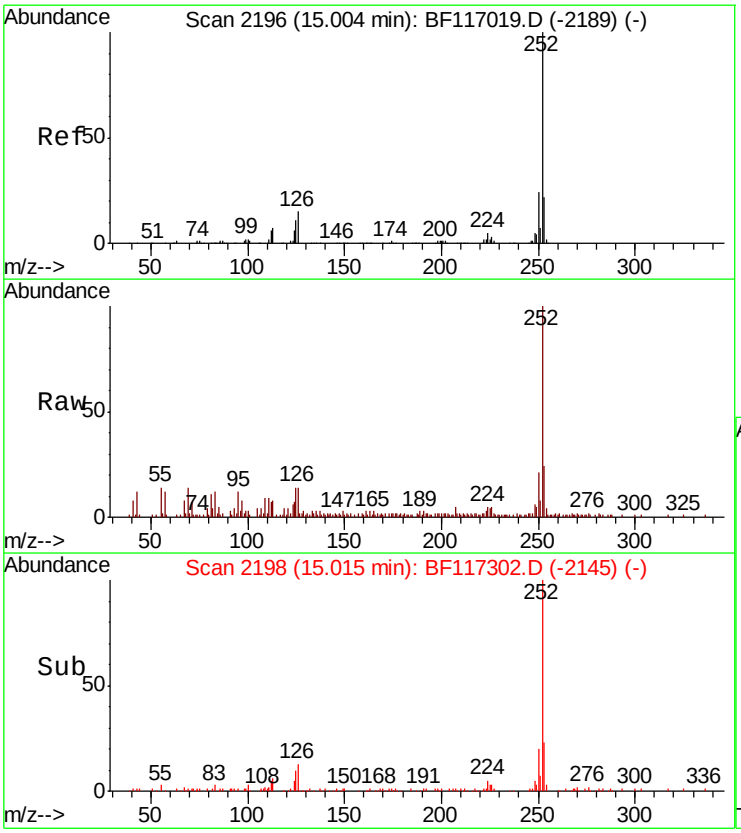
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 56495

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	21.1	16.6	24.8

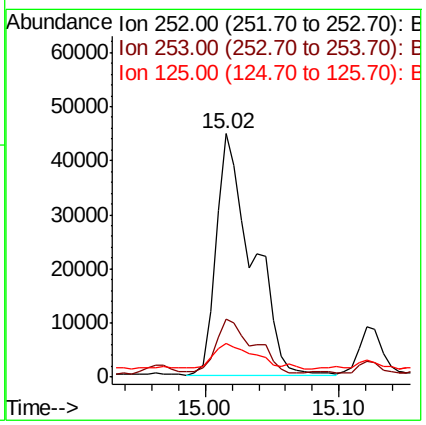


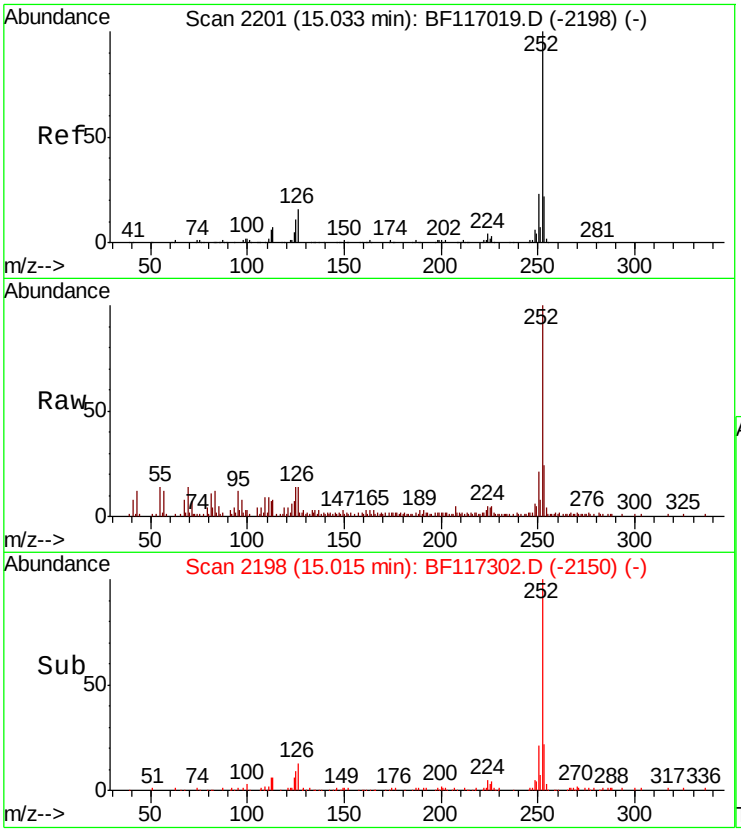


#88
Benzo(b)fluoranthene
Concen: 24.538 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:252 Resp: 83970

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	13.8	8.6	12.8#



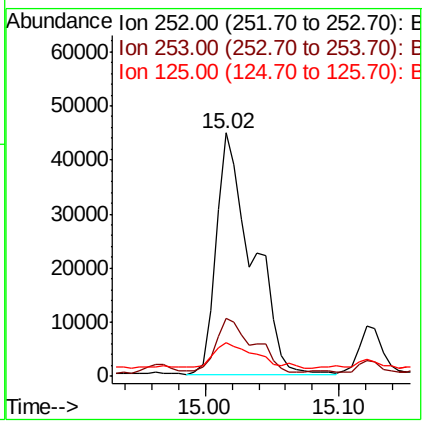


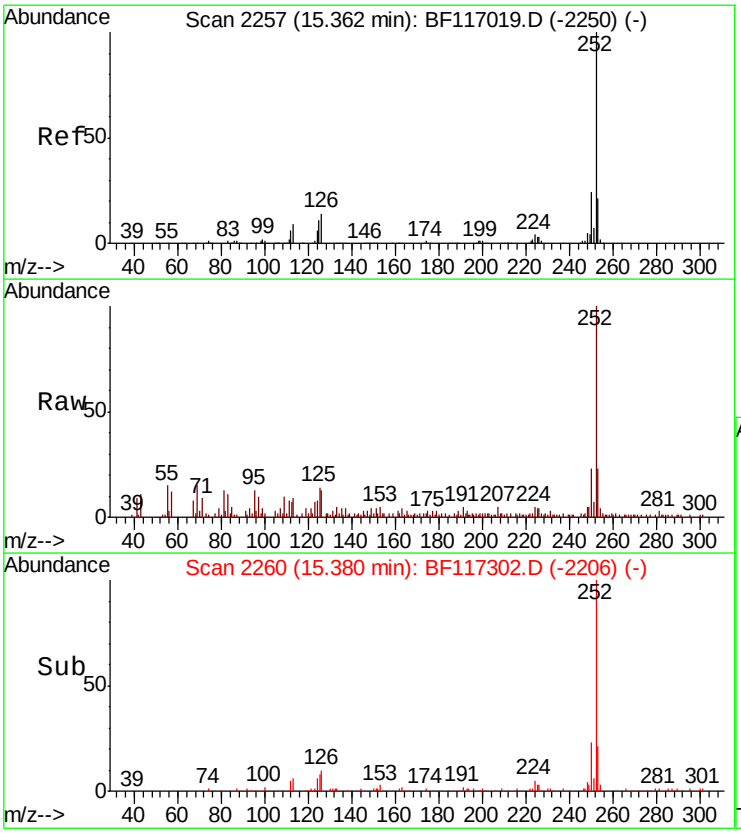
#89
Benzo(k)fluoranthene
Concen: 25.903 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 83970

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	13.8	8.8	13.2#

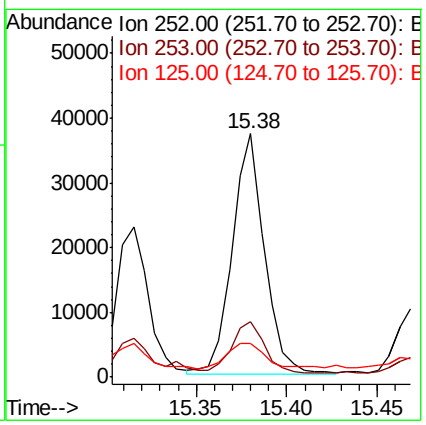


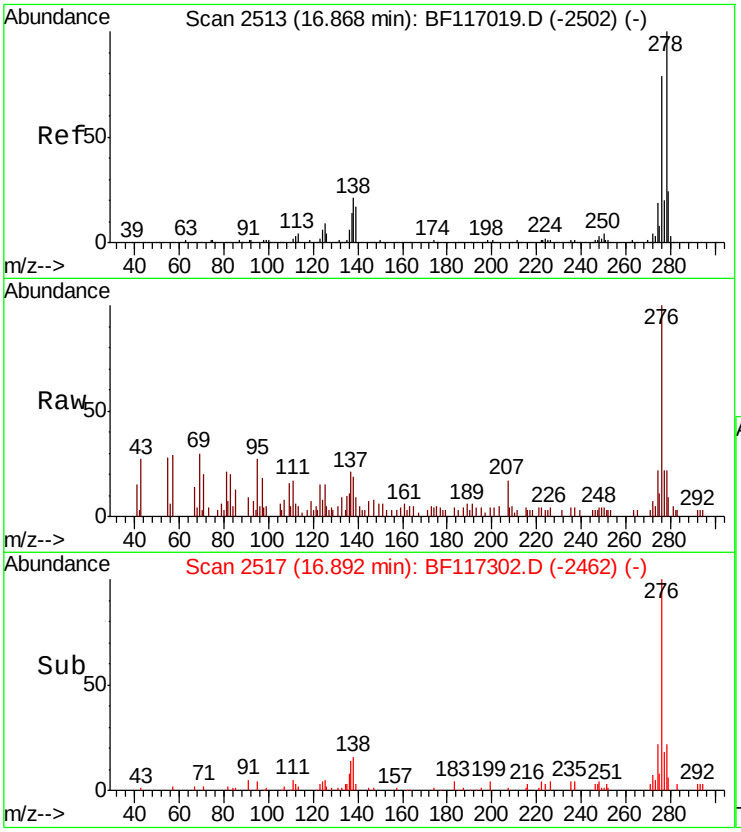


#90
Benzo(a)pyrene
Concen: 15.421 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:252 Resp: 46310

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	13.8	8.9	13.3#



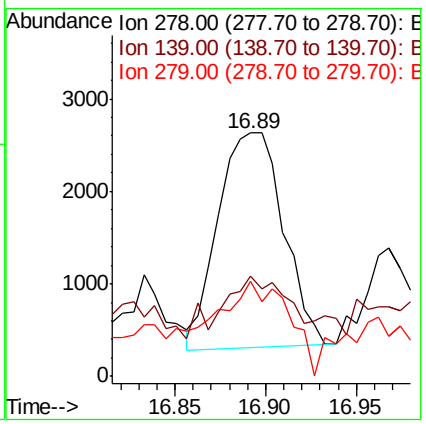


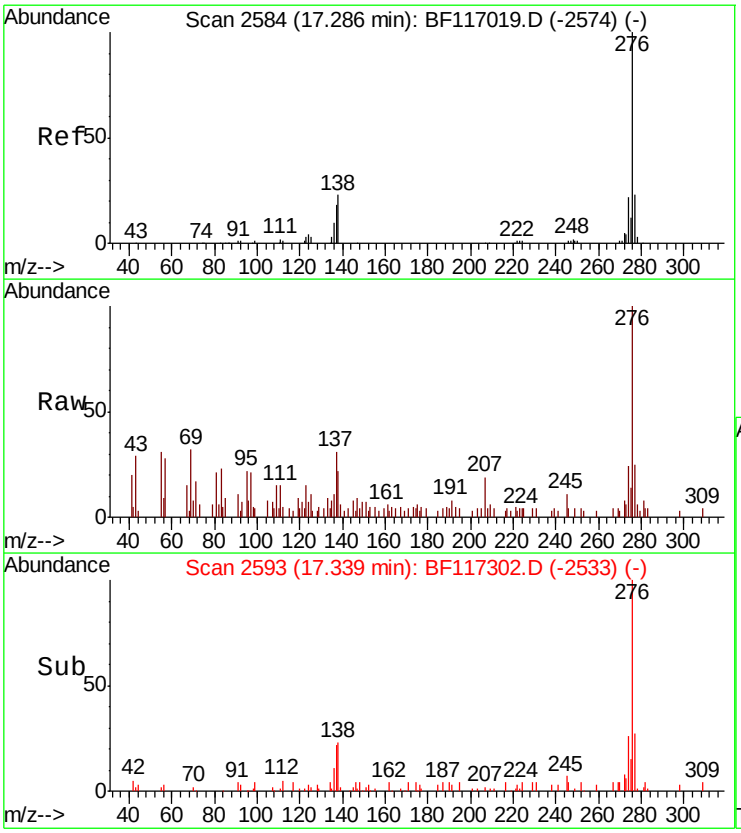
#91
Dibenzo(a,h)anthracene
Concen: 2.435 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 5825

Ion	Ratio	Lower	Upper
278	100		
139	41.3	13.5	20.3#
279	39.3	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 9.871 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.05 min
Lab File: BF117302.D
Acq: 2 Oct 2019 16:26

Tgt Ion:276 Resp: 23531

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	27.8
138	21.7	18.0	27.0