Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118817.D
Acq On : 4 Feb 2020 22:35
Operator : CG/JU
Sample : L1383-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	293081	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1076187	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	557359	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	888054	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	593812	20.00	ng		-0.02
87) Perylene-d12	15.42	264	753746	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1445613	93.37	ng		0.00
7) Phenol-d6	6.45	99	1740380	90.55	ng		0.00
23) Nitrobenzene-d5	7.37	82	1109008	61.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	534714	80.18	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	1955526	62.72	ng		-0.01
79) Terphenyl-d14	12.92	244	1651076	57.11	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	4889	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.37	70	153259	13.033	ng	#	76
25) Isophorone	7.37	82	1106689	34.105	ng	#	63
31) Naphthalene	8.12	128	219683	4.463	ng		97
37) 2-Methylnaphthalene	8.80	142	75517	2.212	ng		98
38) 1-Methylnaphthalene	8.90	142	70184	2.186	ng		98
49) Acenaphthylene	9.70	152	107799	2.329	ng		97
50) Dimethylphthalate	9.56	163	136861	3.606	ng		99
58) Fluorene	10.39	166	71402	2.154	ng		94
67) 4-Bromophenyl-phenylether	10.63	248	34288	3.264	ng	#	1
71) Phenanthrene	11.35	178	613780	14.047	ng		98
72) Anthracene	11.40	178	173267	3.986	ng		97
75) Fluoranthene	12.54	202	504884	10.583	ng		99
78) Pyrene	12.77	202	888138	21.802	ng		98
81) Benzo(a)anthracene	13.99	228	560245	15.855	ng		96
83) Chrysene	13.99	228	560245	15.797	ng		97
86) Indeno(1,2,3-cd)pyrene	16.84	276	438478	12.306	ng		96
88) Benzo(b)fluoranthene	15.00	252	832201	17.793	ng		98
89) Benzo(k)fluoranthene	15.00	252	832201	20.433	ng	#	97
90) Benzo(a)pyrene	15.35	252	721062	18.014	ng		100
91) Dibenzo(a,h)anthracene	16.85	278	138201	3.889	ng	#	91
92) Benzo(g,h,i)perylene	17.28	276	502197	14.696	ng		98

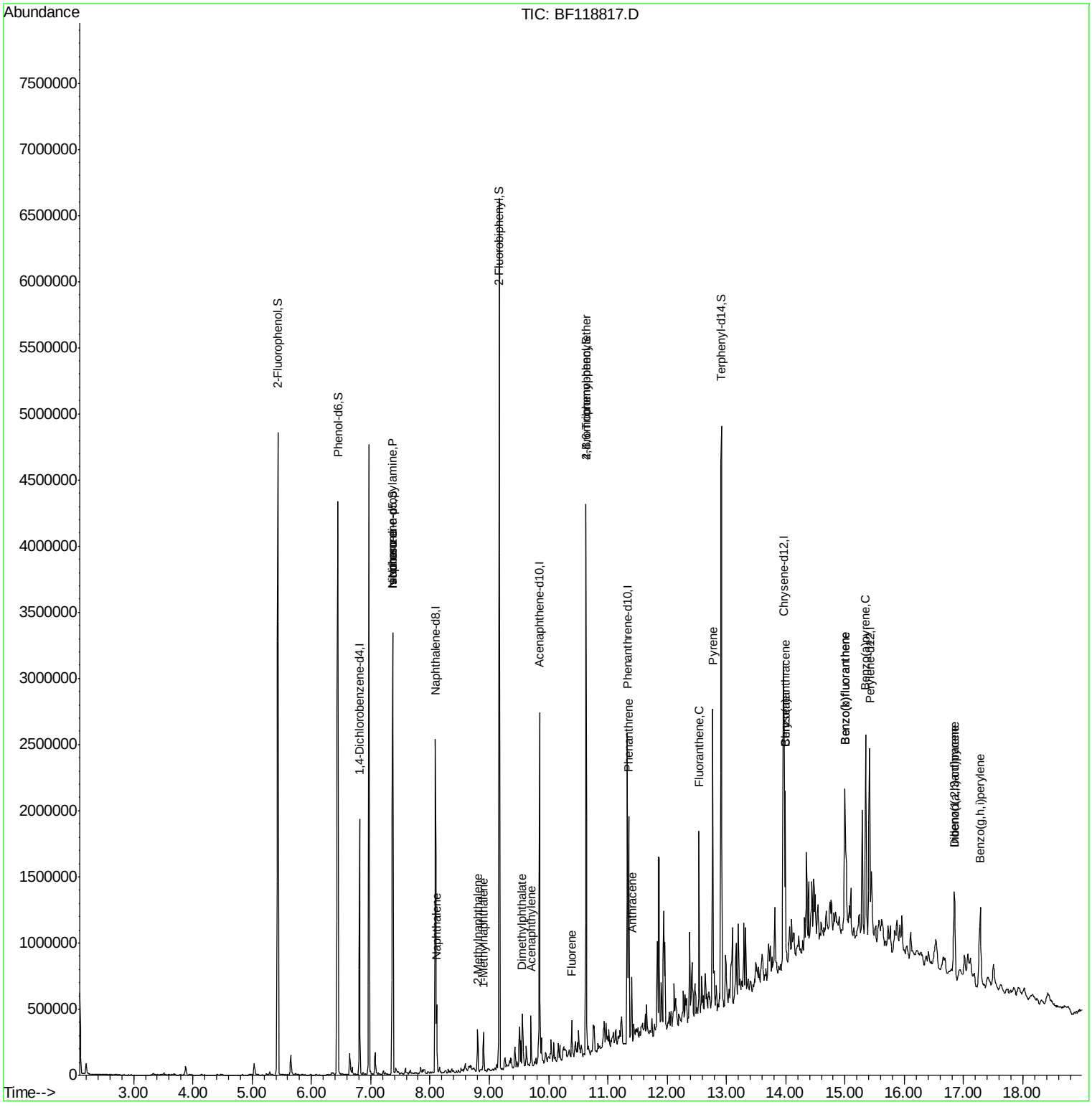
(#) = qualifier out of range (m) = manual integration (+) = signals summed

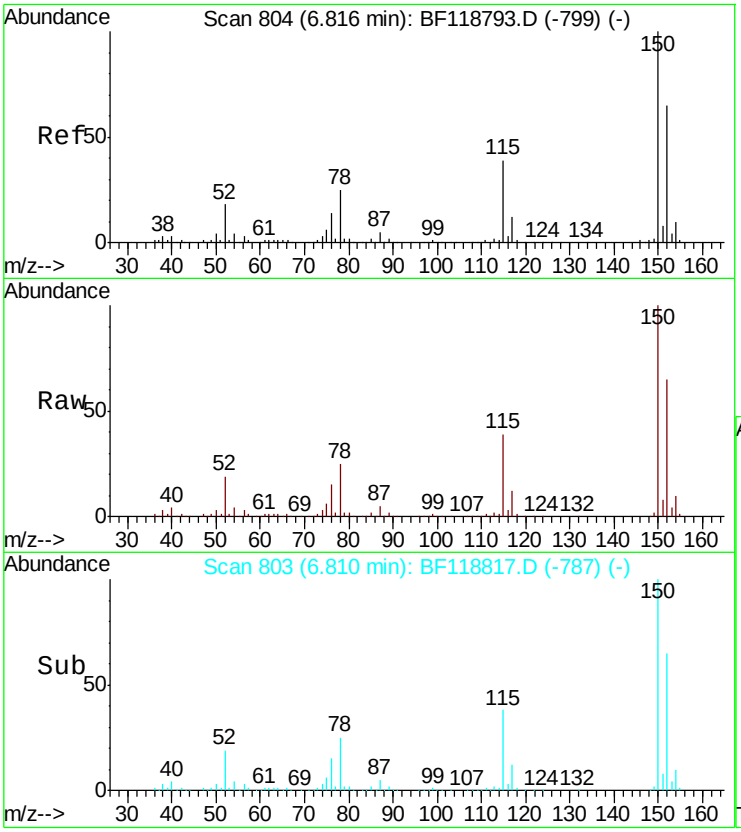
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118817.D
Acq On : 4 Feb 2020 22:35
Operator : CG/JU
Sample : L1383-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



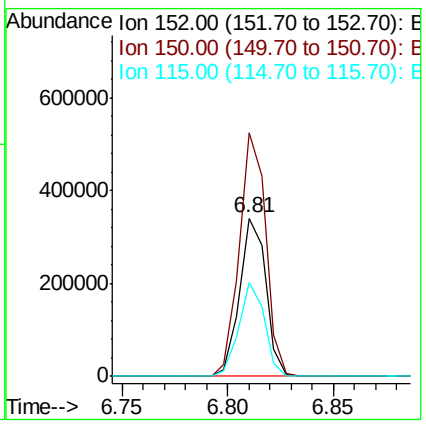


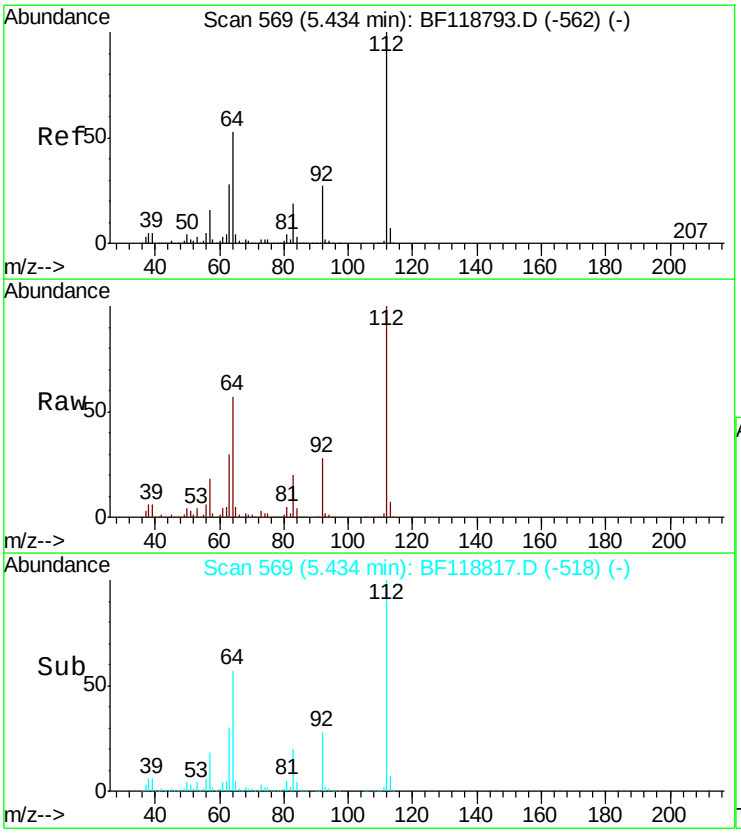
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 293081

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.6	185.4
115	59.4	48.2	72.2

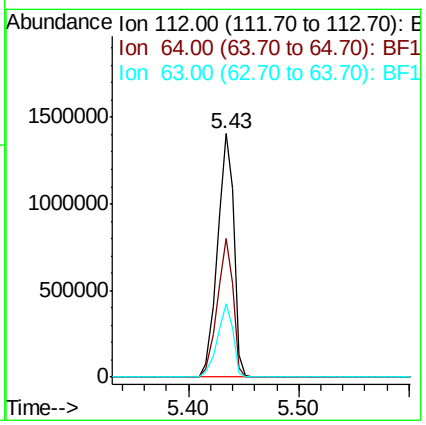


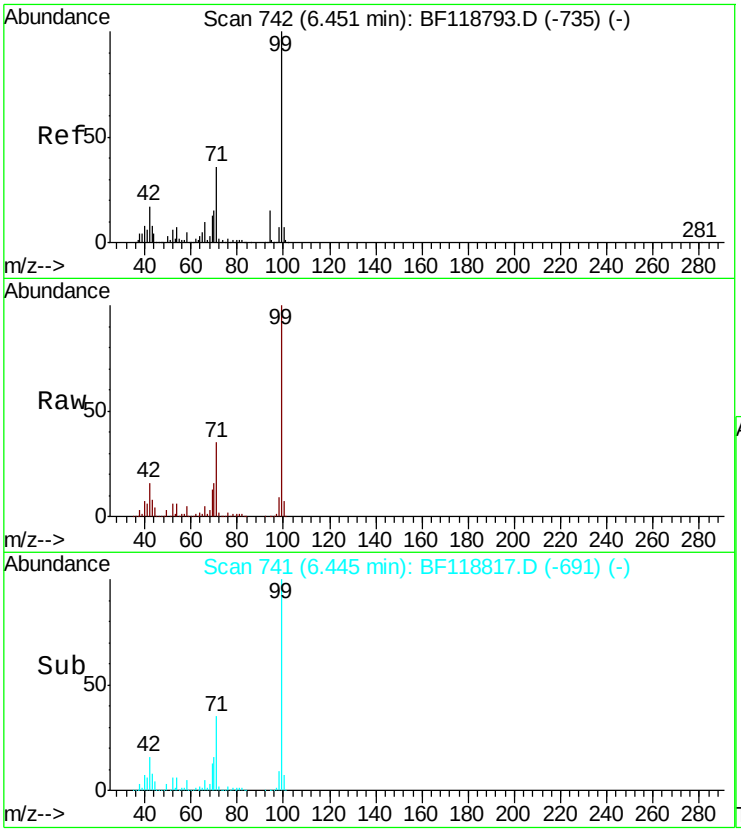


#5
2-Fluorophenol
Concen: 93.368 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:112 Resp: 1445613

Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.6	63.8
63	30.0	22.2	33.4



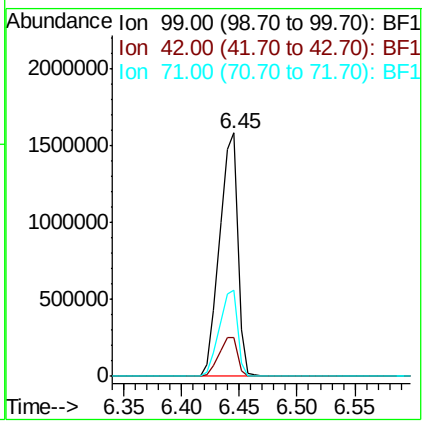


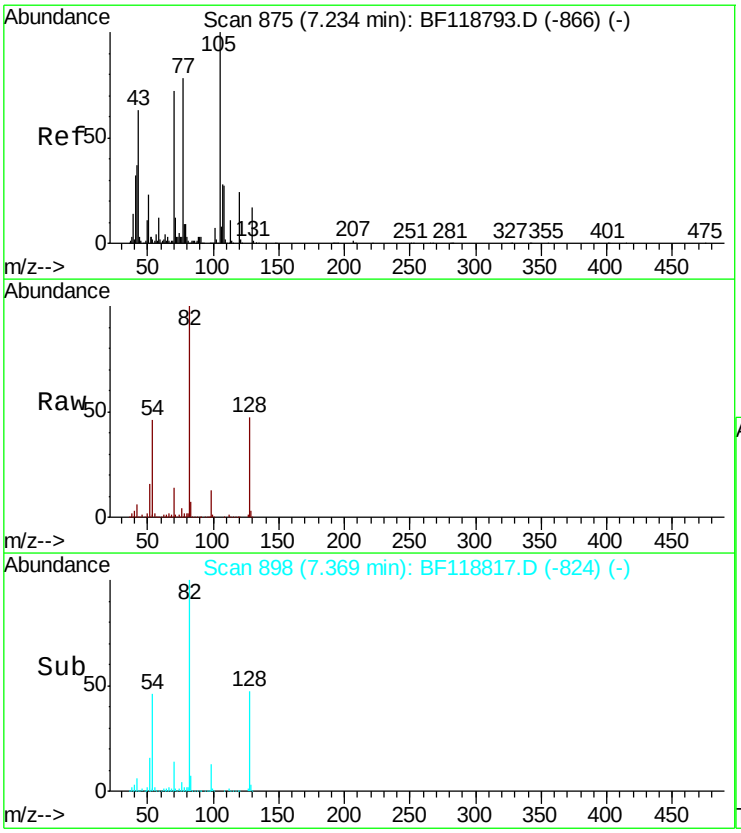
#7
Phenol-d6
Concen: 90.551 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1740380

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.0
71	35.4	29.0	43.6

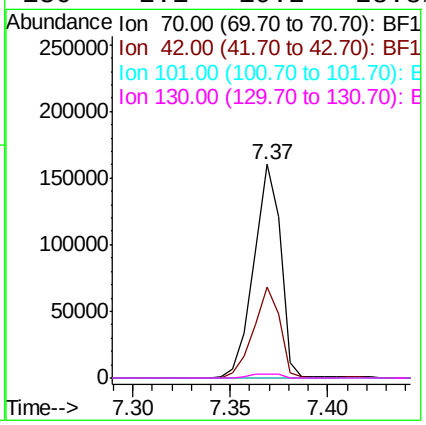


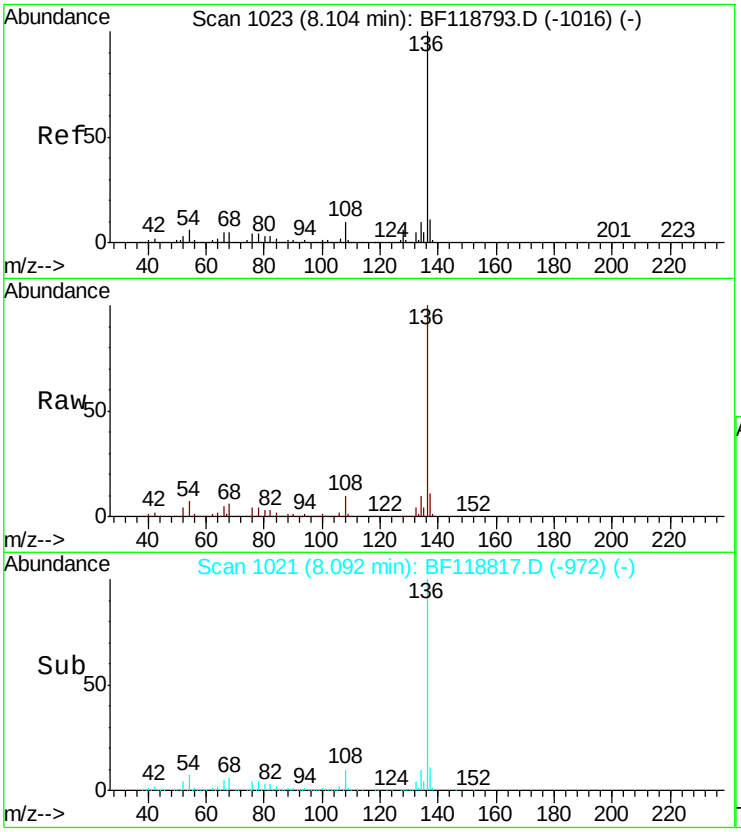


#19
n-Nitroso-di-n-propylamine
Concen: 13.033 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion: 70 Resp: 153259

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.5	62.3
101	0.0	8.3	12.5#
130	2.1	19.2	28.8#



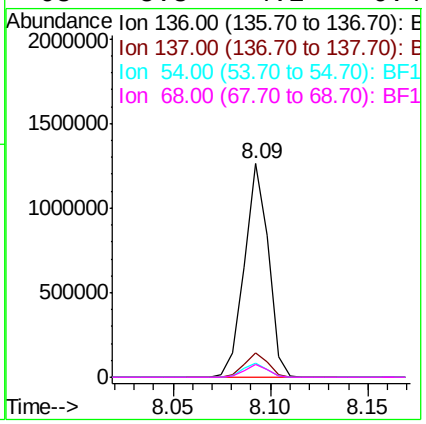


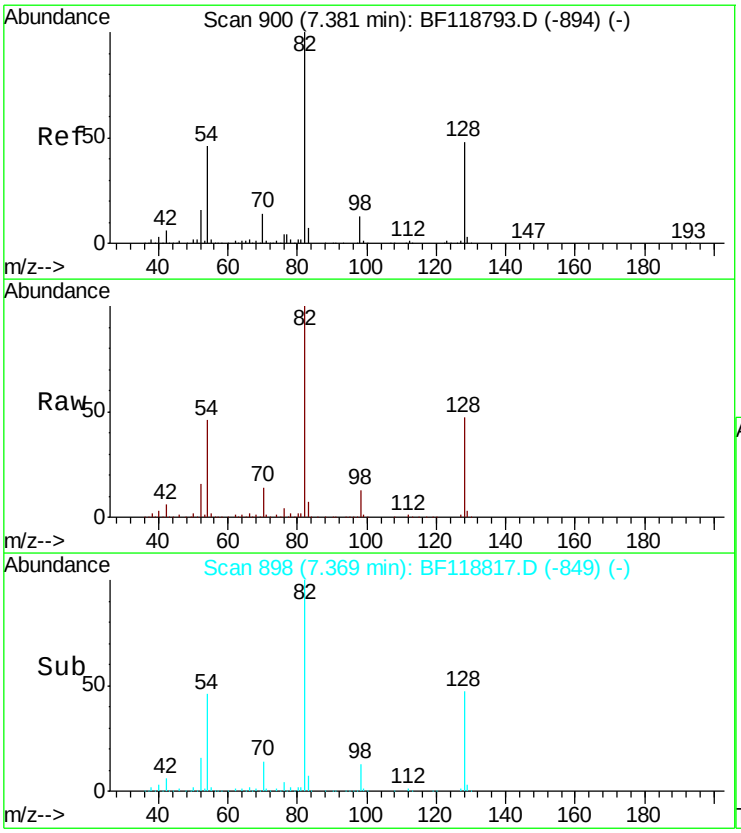
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1076187

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.6	5.0	7.6
68	5.8	4.2	6.4

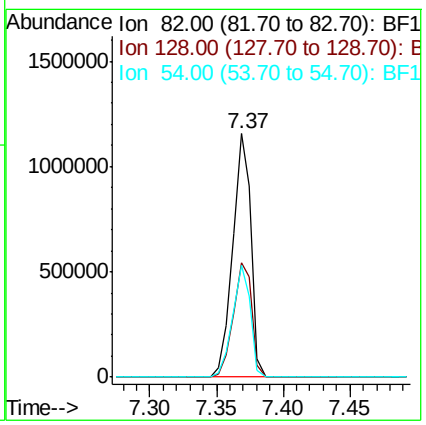


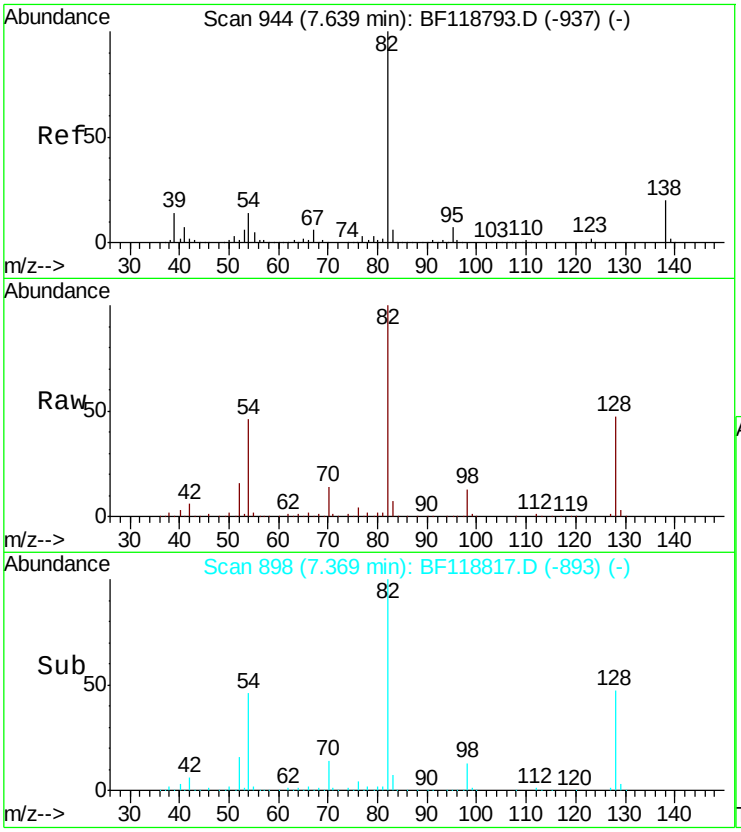


#23
Nitrobenzene-d5
Concen: 61.423 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion: 82 Resp: 1109008

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.5	57.7
54	45.7	36.7	55.1



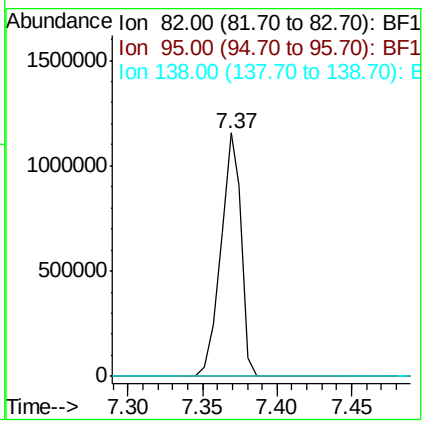


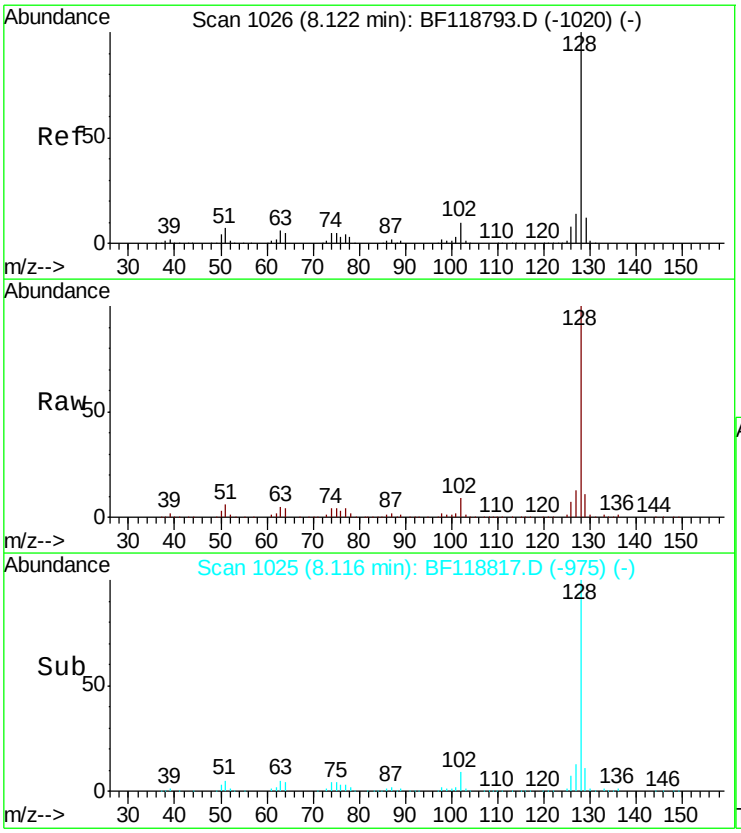
#25
Isophorone
Concen: 34.105 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 1106689

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

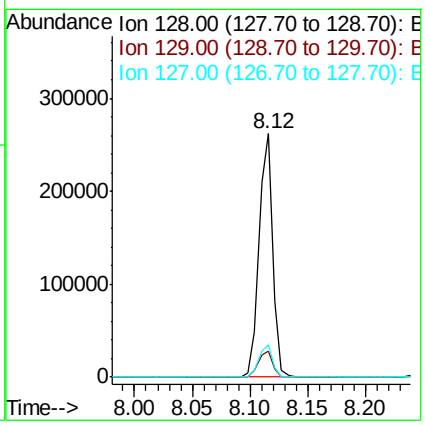


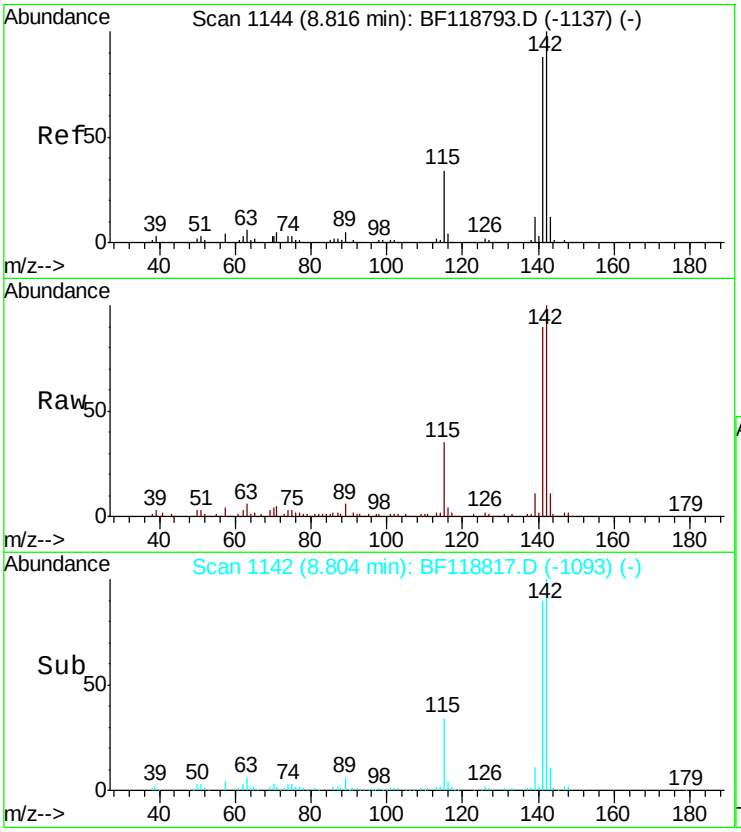


#31
Naphthalene
Concen: 4.463 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:128 Resp: 219683

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.4	14.2
127	13.2	11.3	16.9



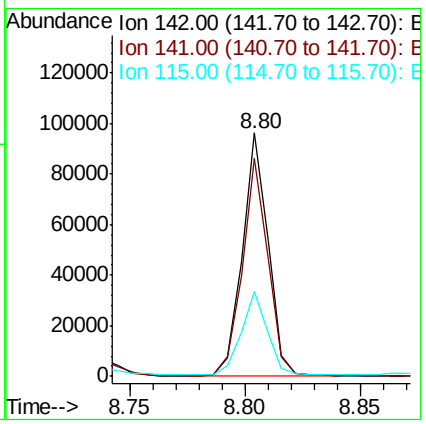


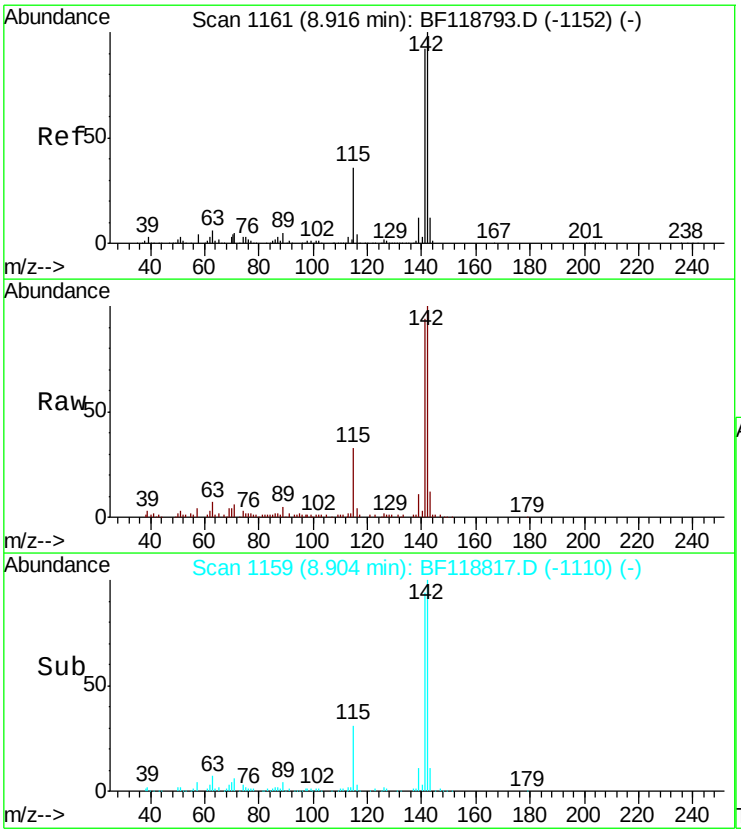
#37
2-Methylnaphthalene
Concen: 2.212 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 75517

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1
115	34.9	27.3	40.9

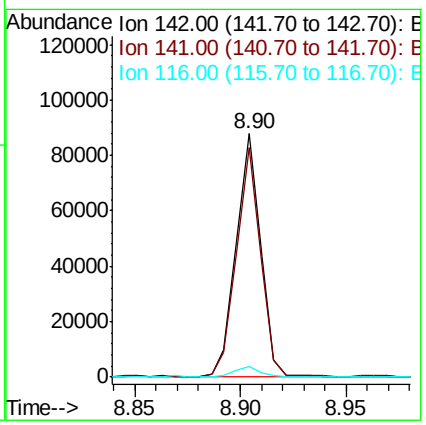


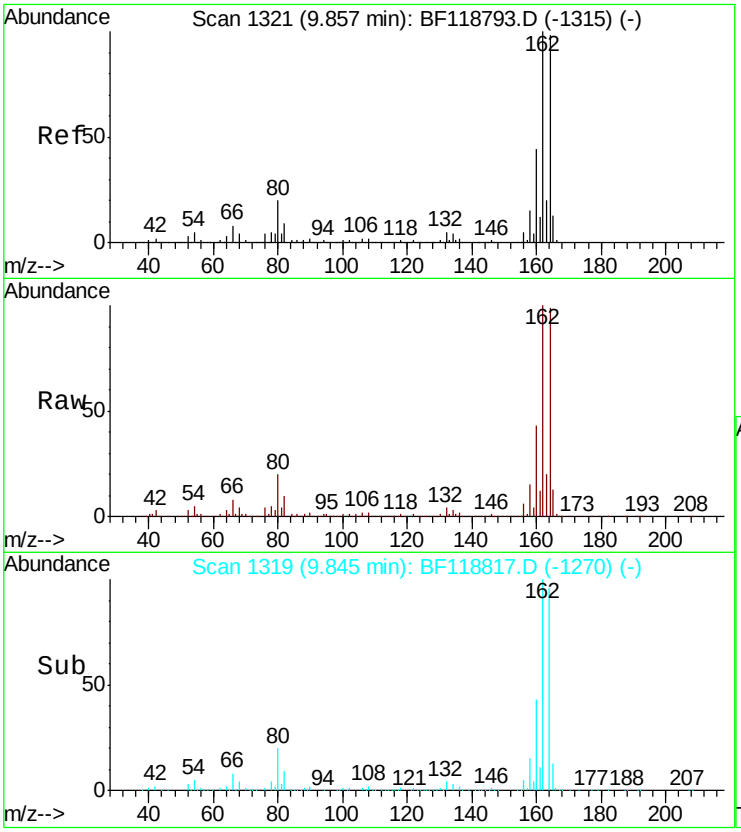


#38
1-Methylnaphthalene
Concen: 2.186 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:142 Resp: 70184

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.8	110.6
116	4.4	3.0	4.4



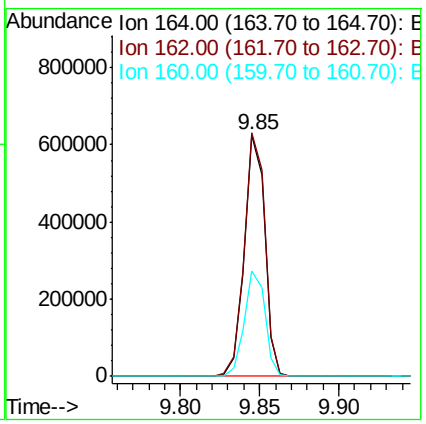


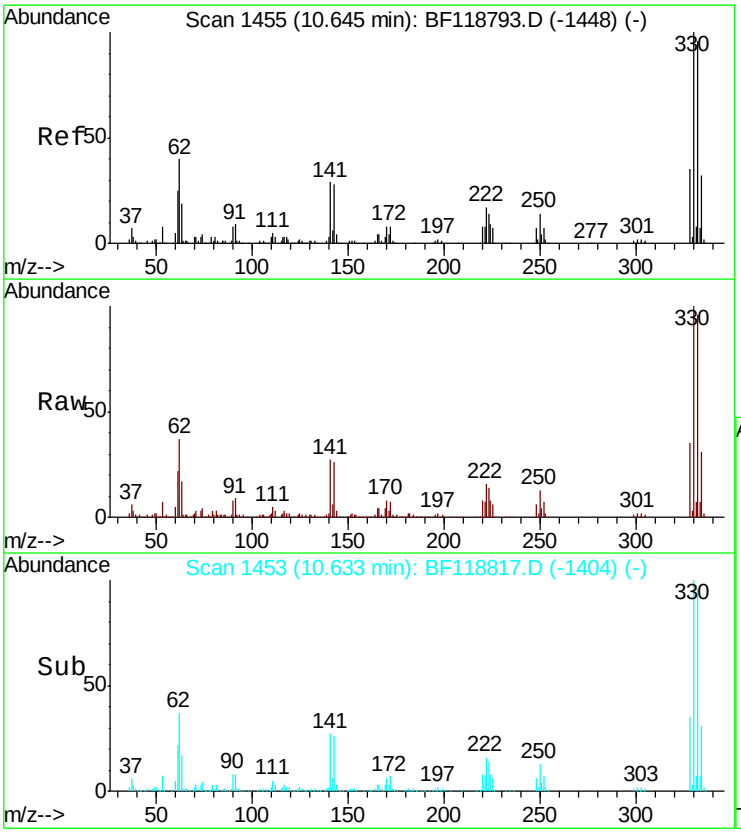
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 557359

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.2
160	43.8	35.6	53.4

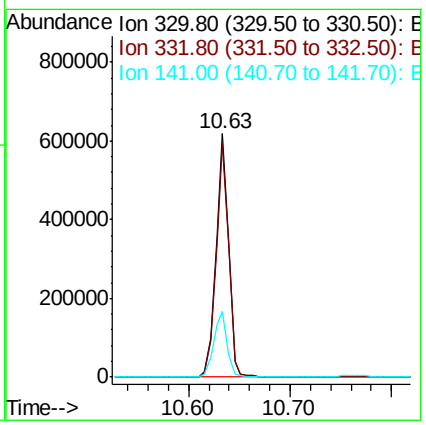


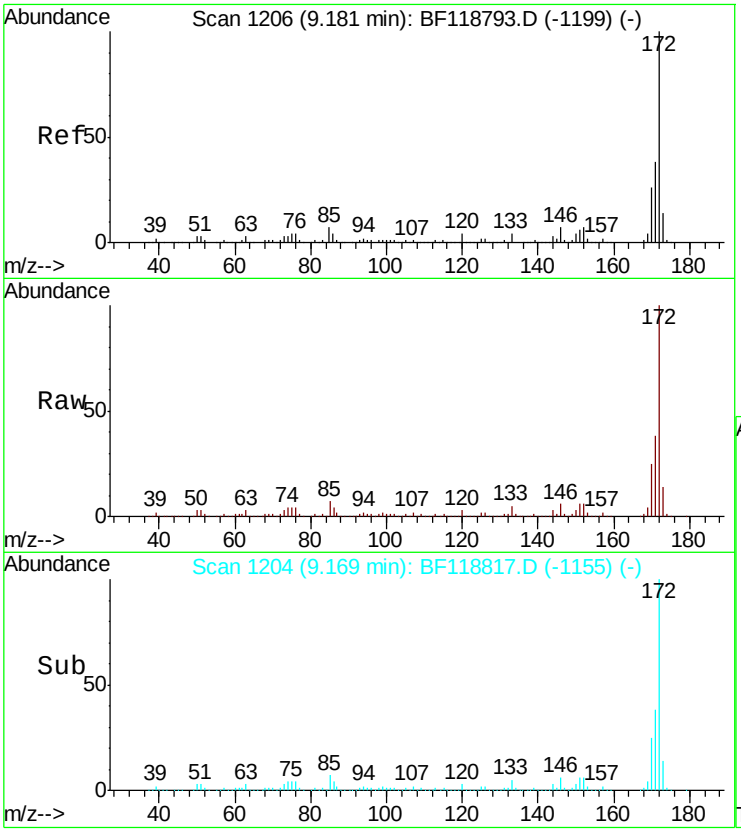


#42
2,4,6-Tribromophenol
Concen: 80.180 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:330 Resp: 534714

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	27.7	22.4	33.6



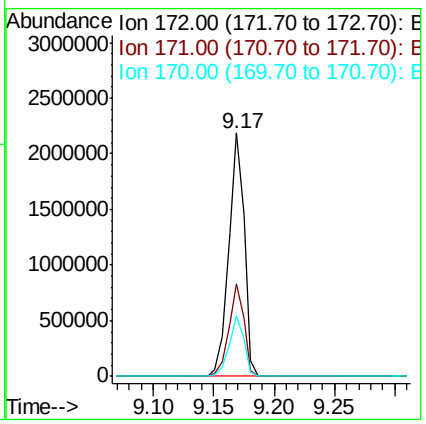


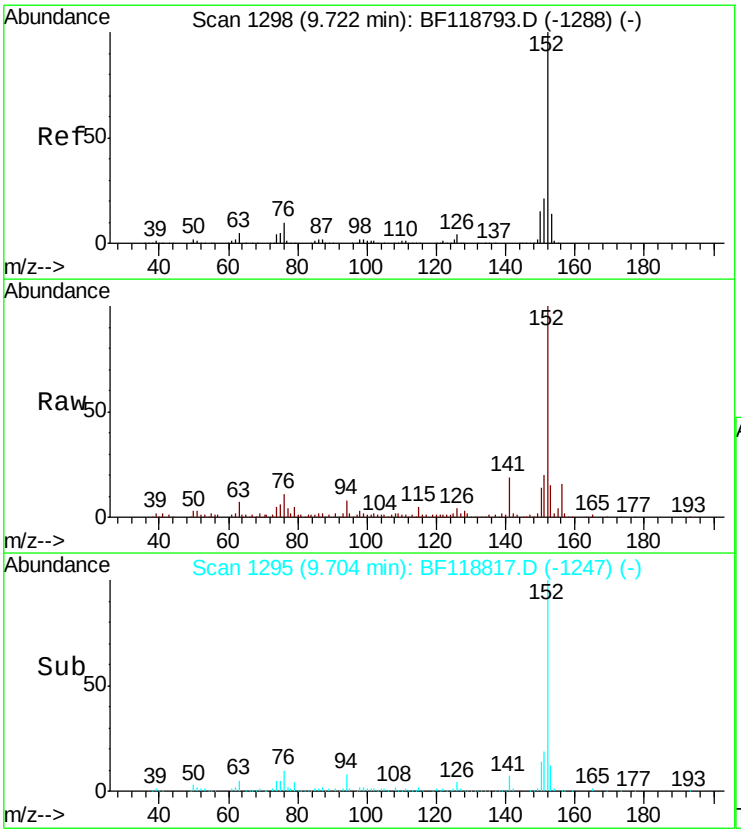
#45
2-Fluorobiphenyl
Concen: 62.722 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1955526

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	24.9	20.5	30.7

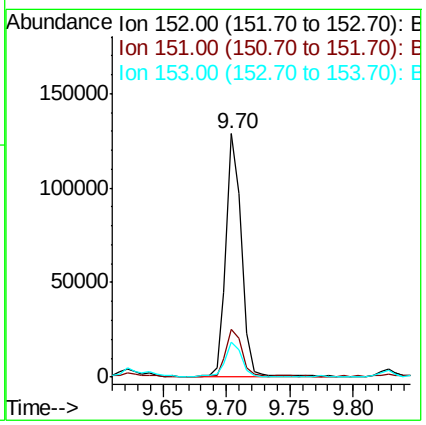


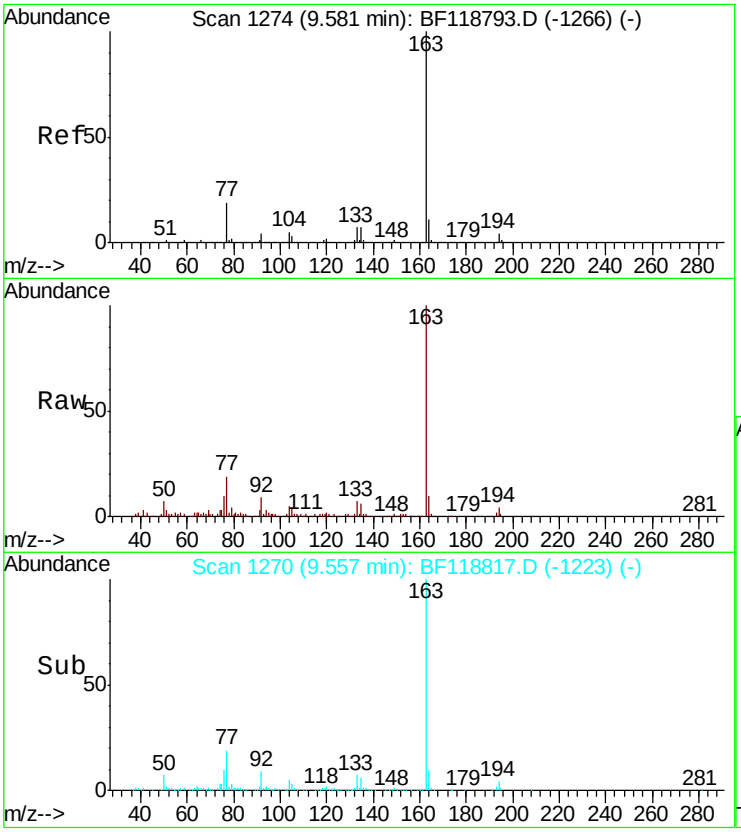


#49
Acenaphthylene
Concen: 2.329 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:152 Resp: 107799

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.1	25.7
153	14.6	11.0	16.4



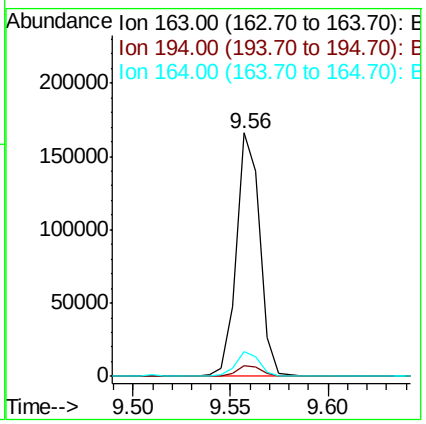


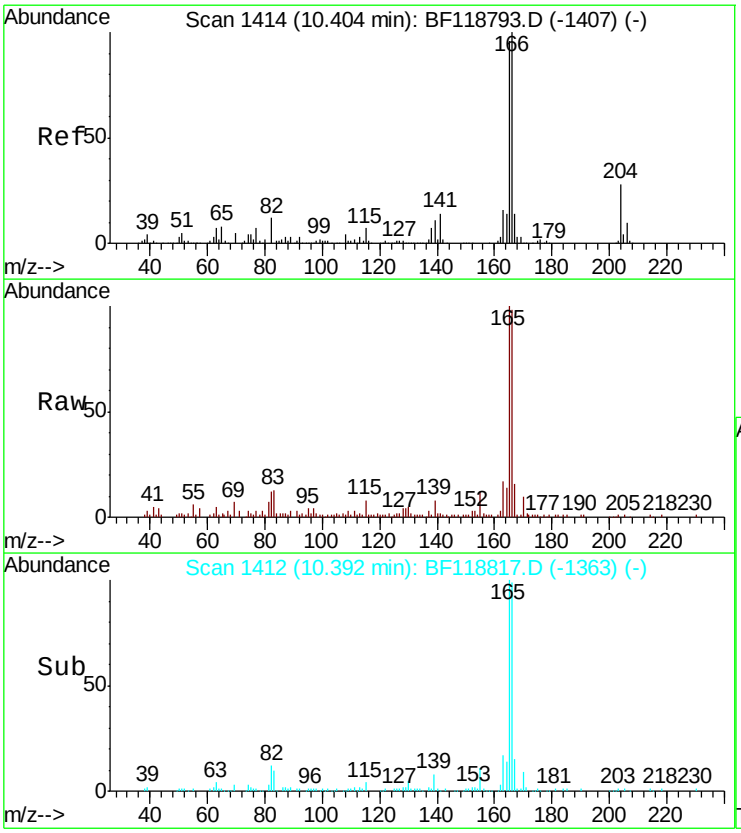
#50
Dimethylphthalate
Concen: 3.606 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 136861

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.4	8.7	13.1

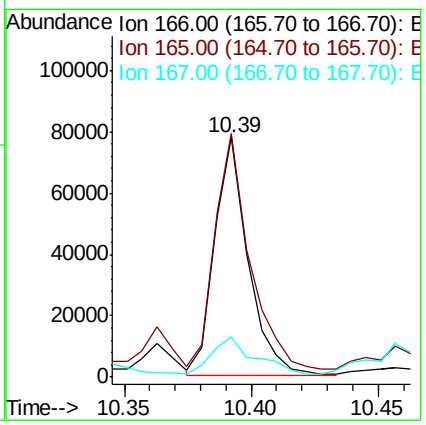


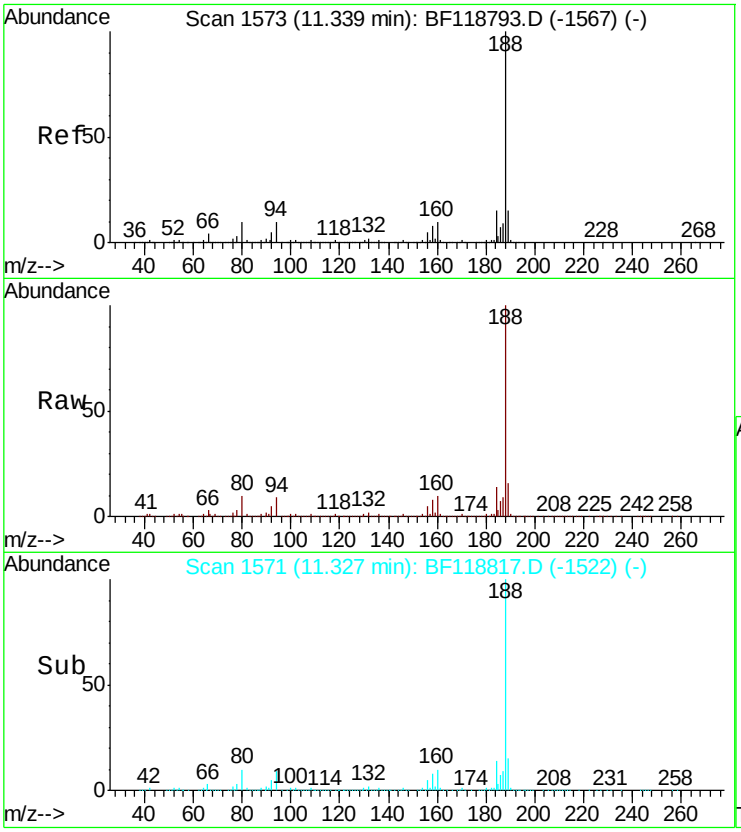


#58
Fluorene
Concen: 2.154 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:166 Resp: 71402

Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.0	115.6
167	16.6	11.1	16.7



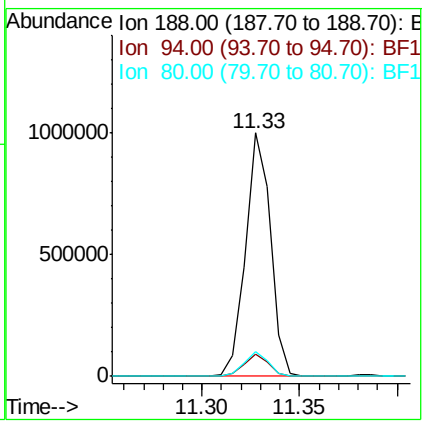


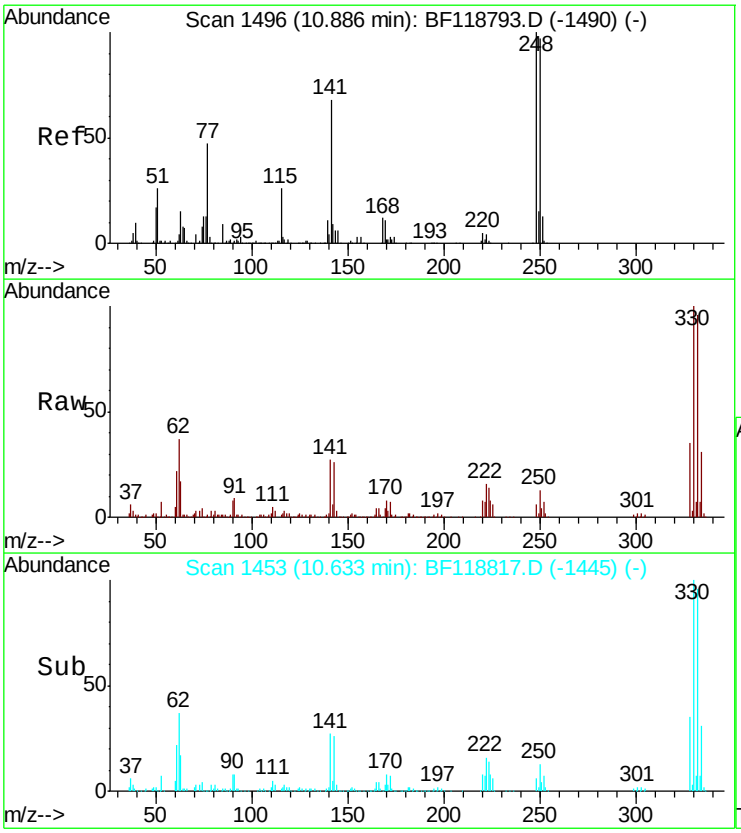
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 888054

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.1	8.4	12.6

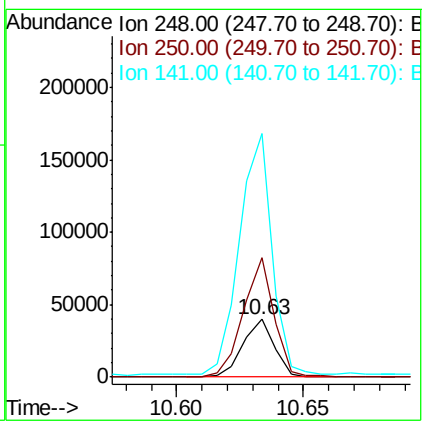


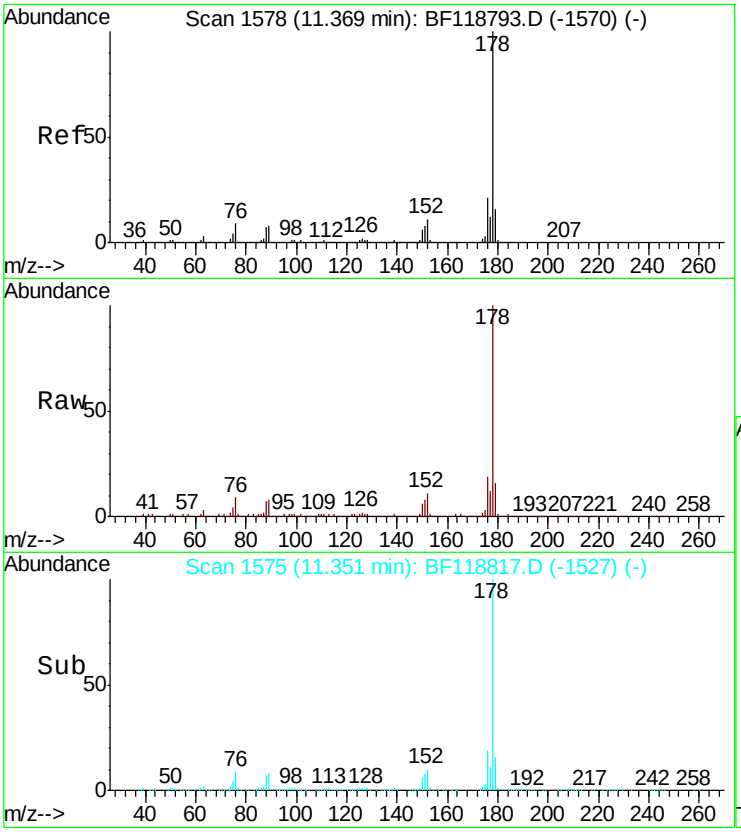


#67
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:248 Resp: 34288

Ion	Ratio	Lower	Upper
248	100		
250	205.7	77.6	116.4#
141	421.3	54.4	81.6#



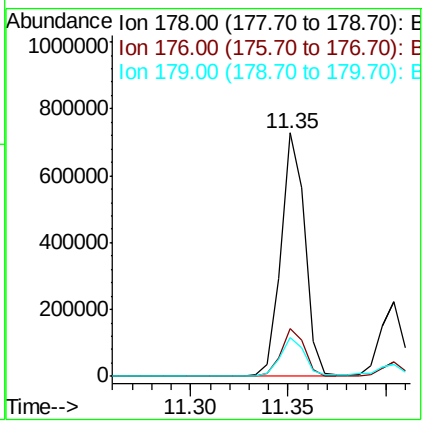


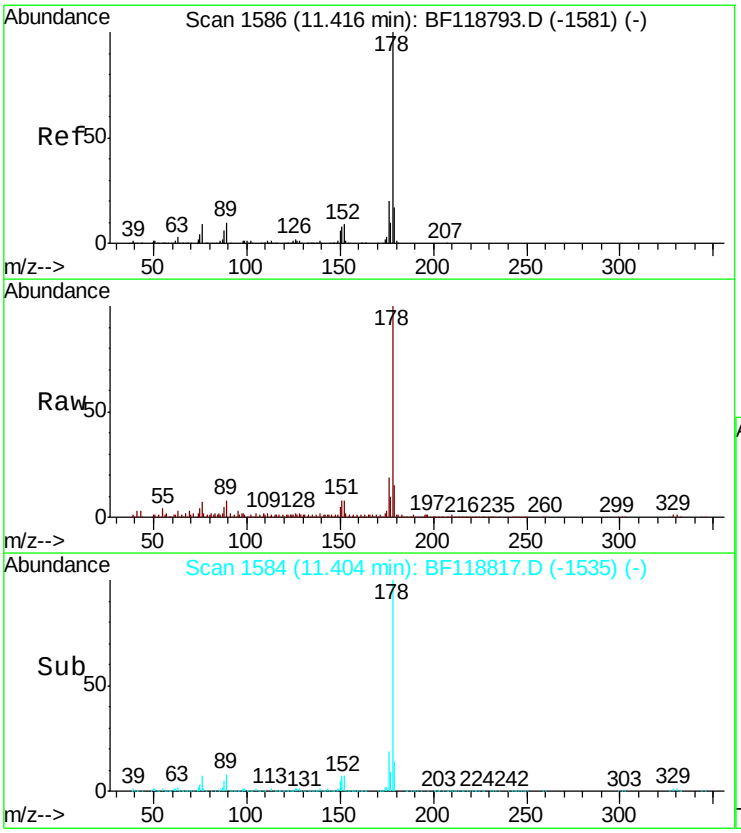
#71
Phenanthrene
Concen: 14.047 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 613780

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	24.8
179	16.0	13.2	19.8

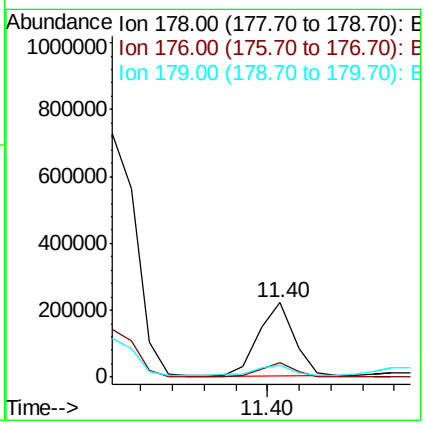


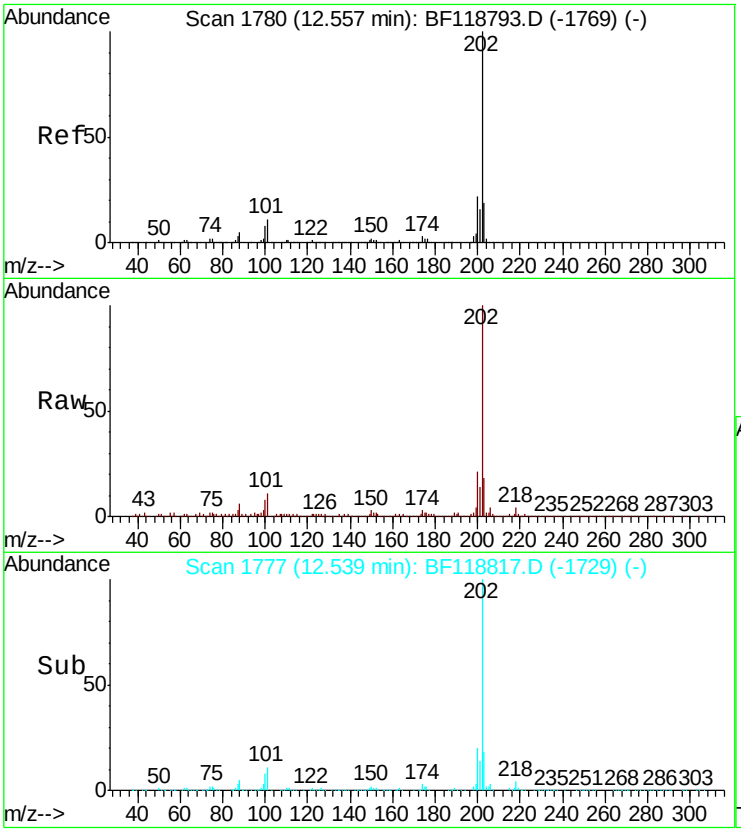


#72
Anthracene
Concen: 3.986 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:178 Resp: 173267

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.2	13.4	20.2



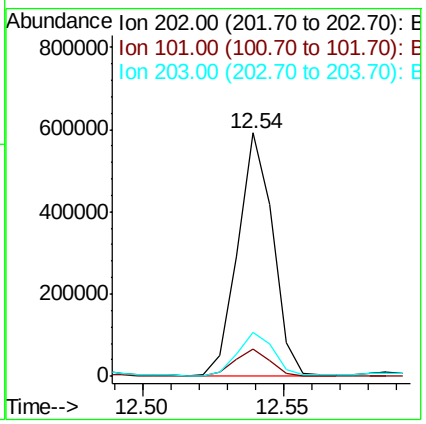


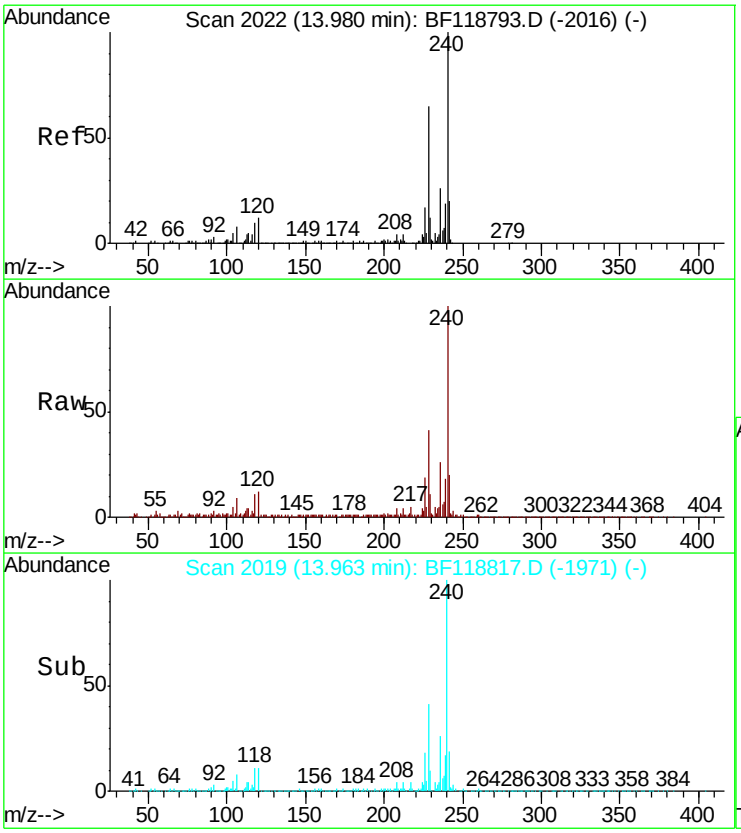
#75
Fluoranthene
Concen: 10.583 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 504884

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	18.2	0.0	38.7

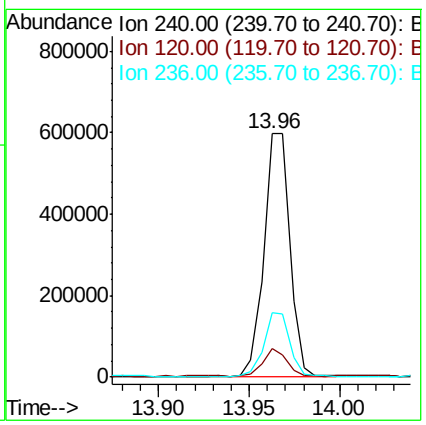


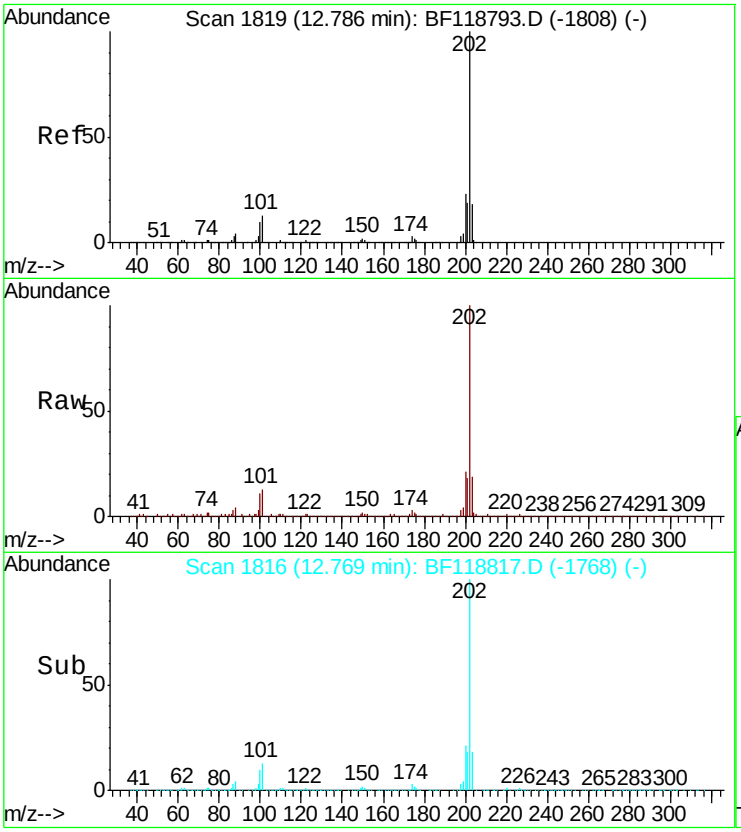


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:240 Resp: 593812

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.0
236	26.2	21.0	31.6



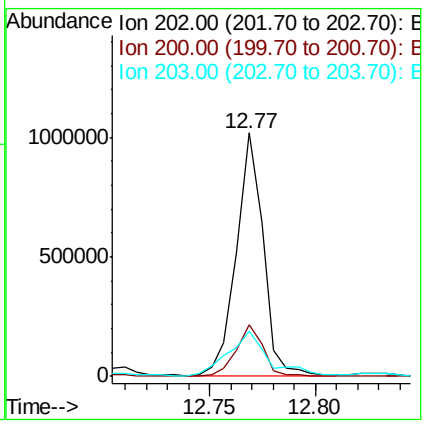


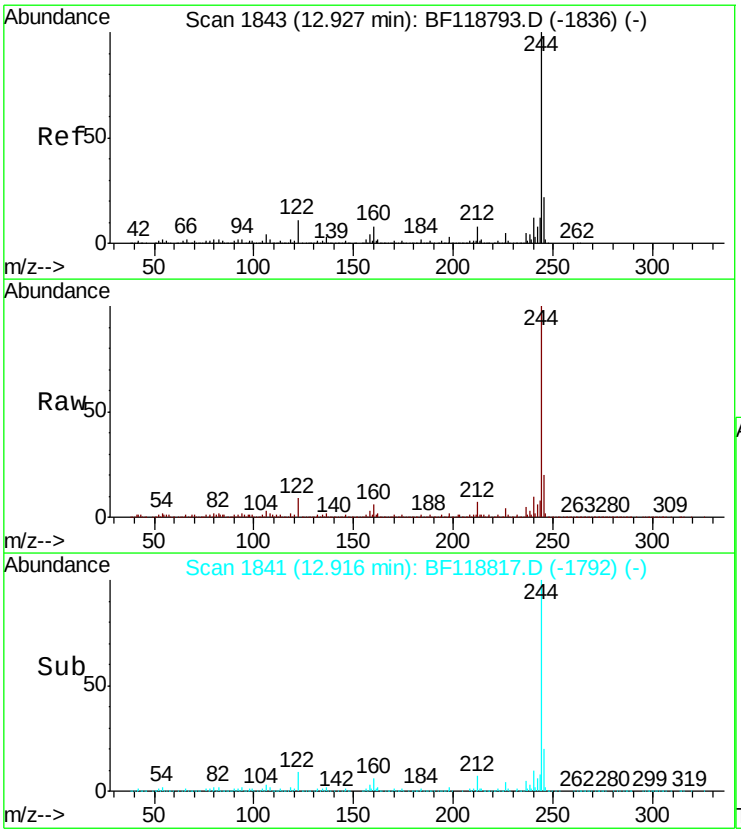
#78
Pyrene
Concen: 21.802 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 888138

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	18.8	14.8	22.2

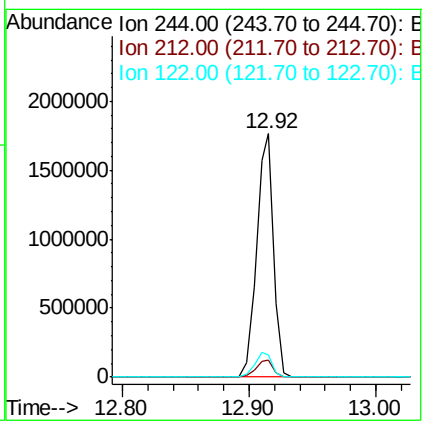


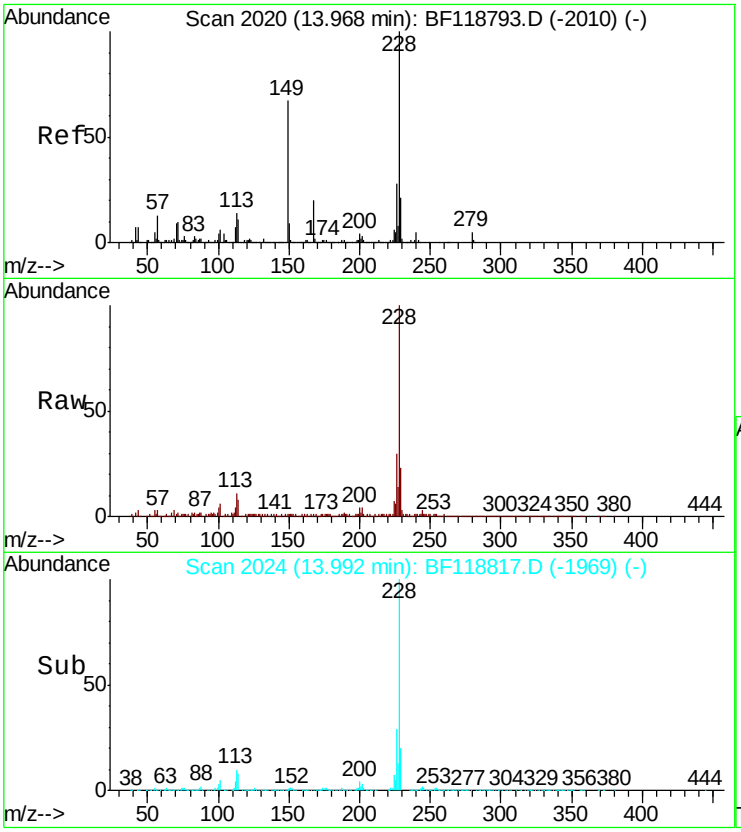


#79
Terphenyl-d14
Concen: 57.112 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:244 Resp: 1651076

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	9.3	8.9	13.3



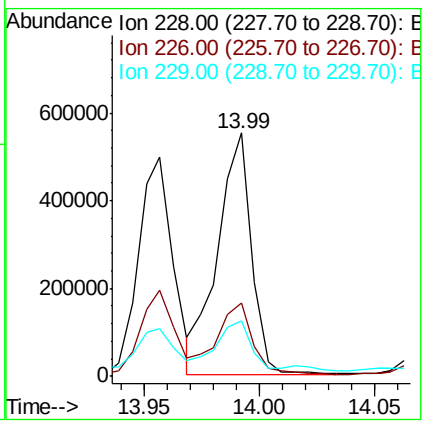


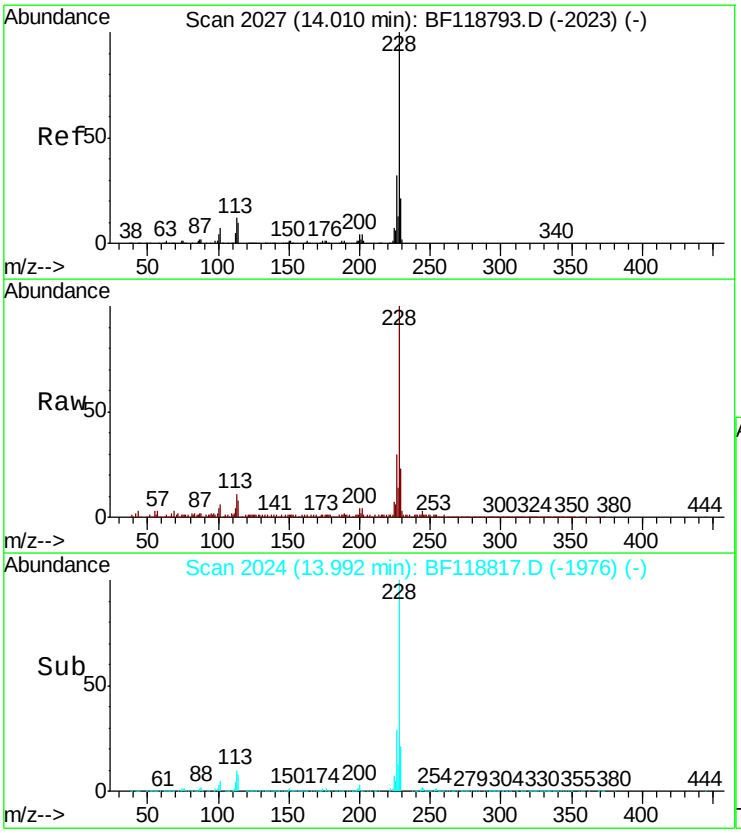
#81
Benzo(a)anthracene
Concen: 15.855 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 560245

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.7	34.1
229	22.6	16.6	25.0

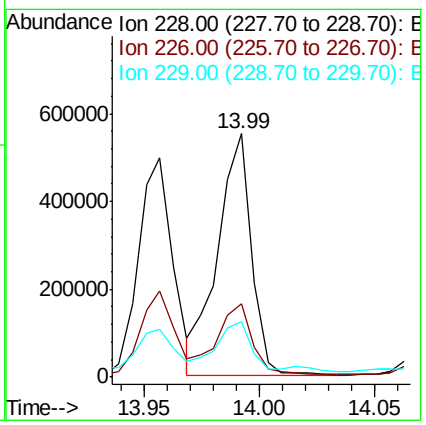


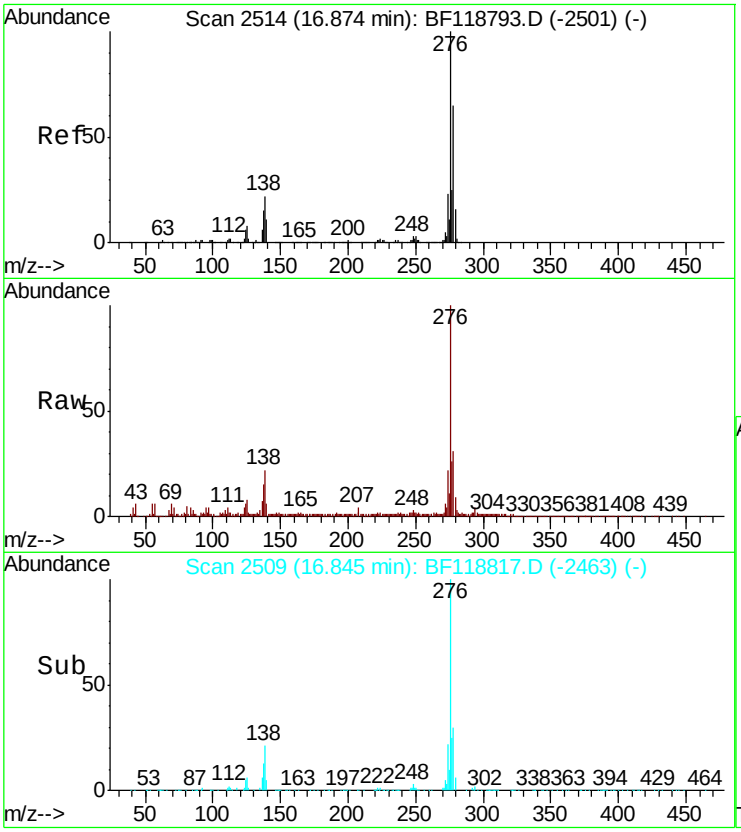


#83
Chrysene
Concen: 15.797 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:228 Resp: 560245

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	22.6	16.9	25.3



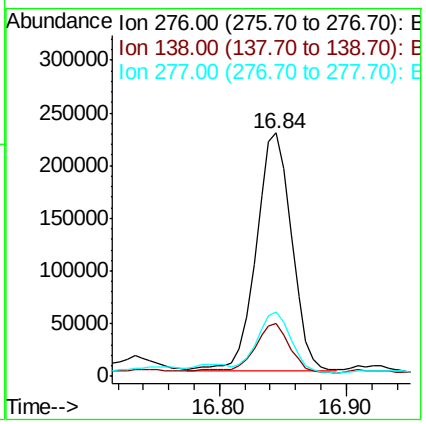


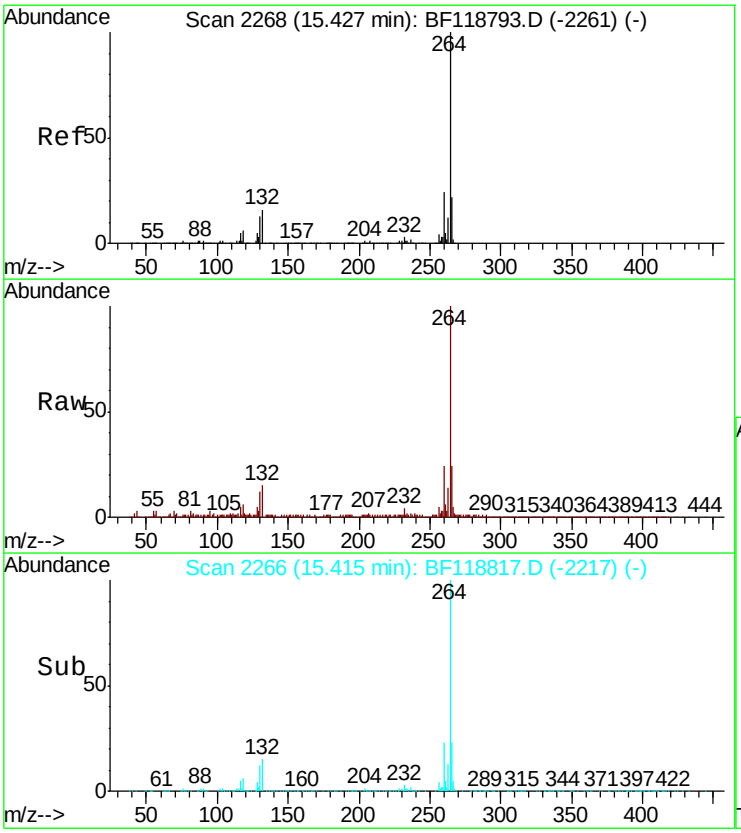
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.306 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 438478

Ion	Ratio	Lower	Upper
276	100		
138	20.1	18.3	27.5
277	24.6	20.2	30.4

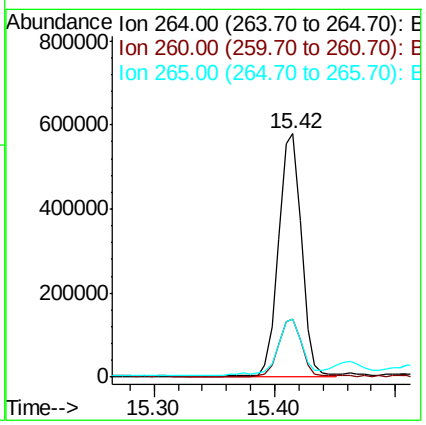


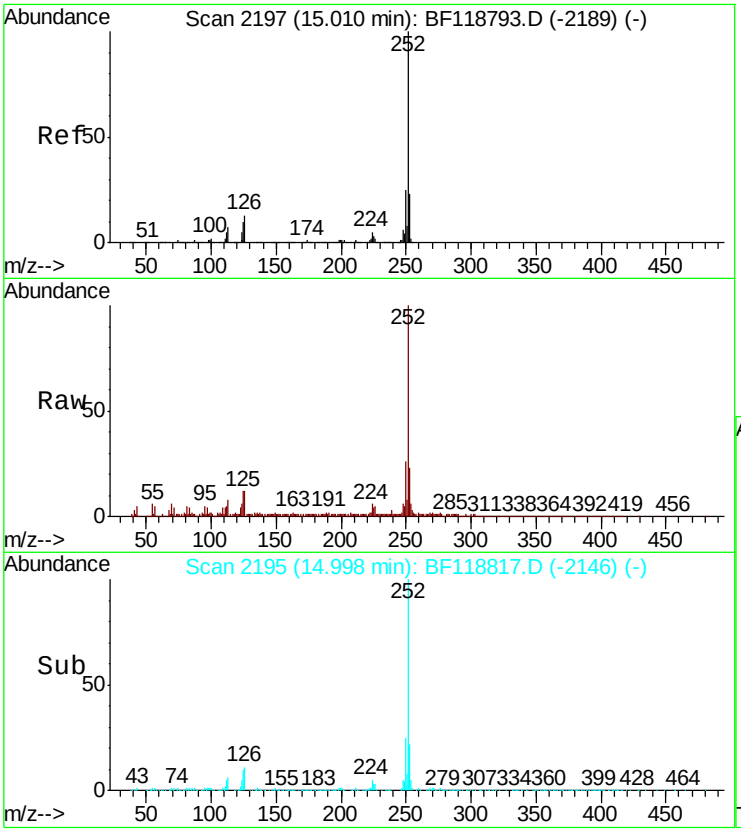


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:264 Resp: 753746

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	23.7	17.2	25.8



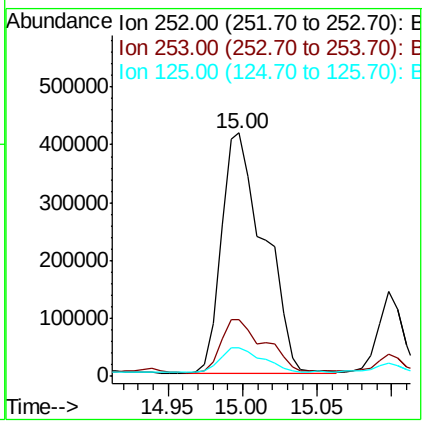


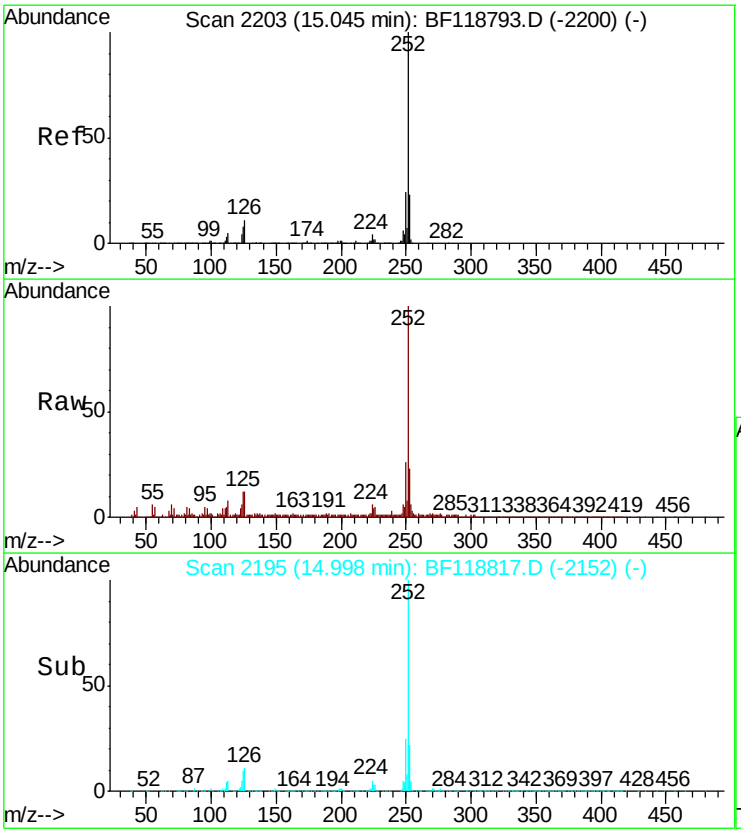
#88
Benzo(b)fluoranthene
Concen: 17.793 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 832201

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	11.7	8.1	12.1

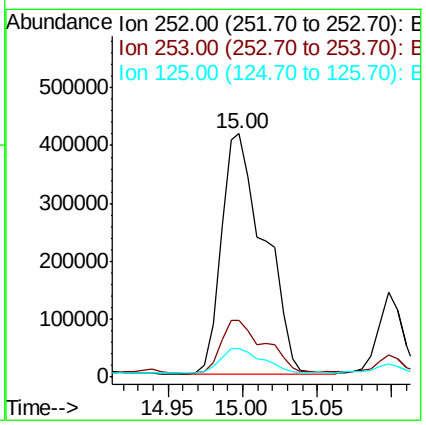


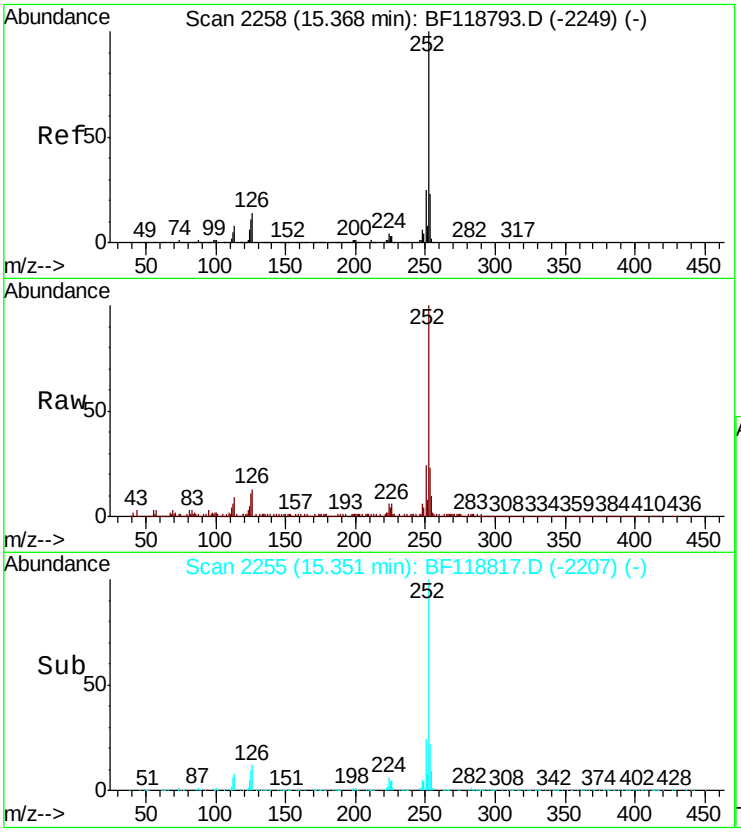


#89
Benzo(k)fluoranthene
Concen: 20.433 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:252 Resp: 832201

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.7	7.0	10.6#



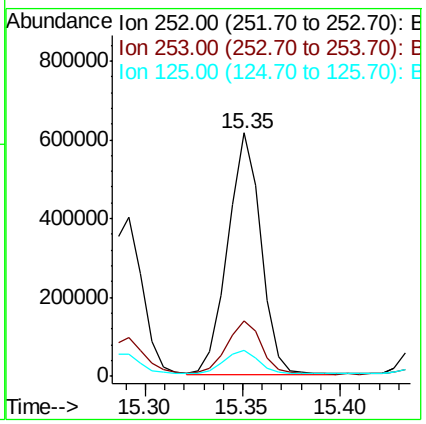


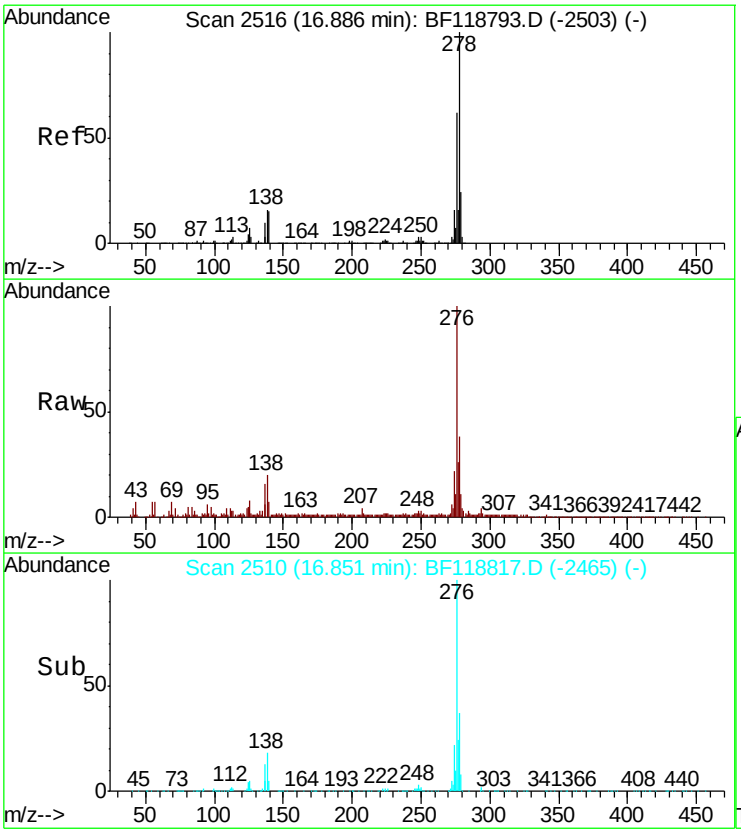
#90
Benzo(a)pyrene
Concen: 18.014 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 721062

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.8	8.7	13.1

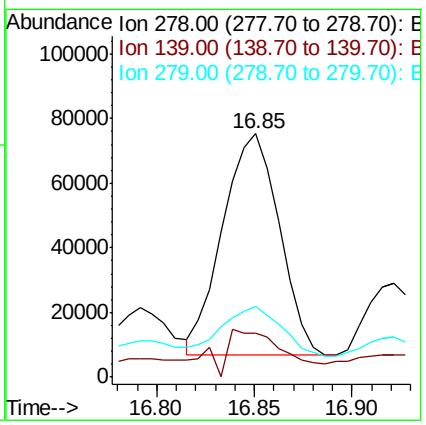


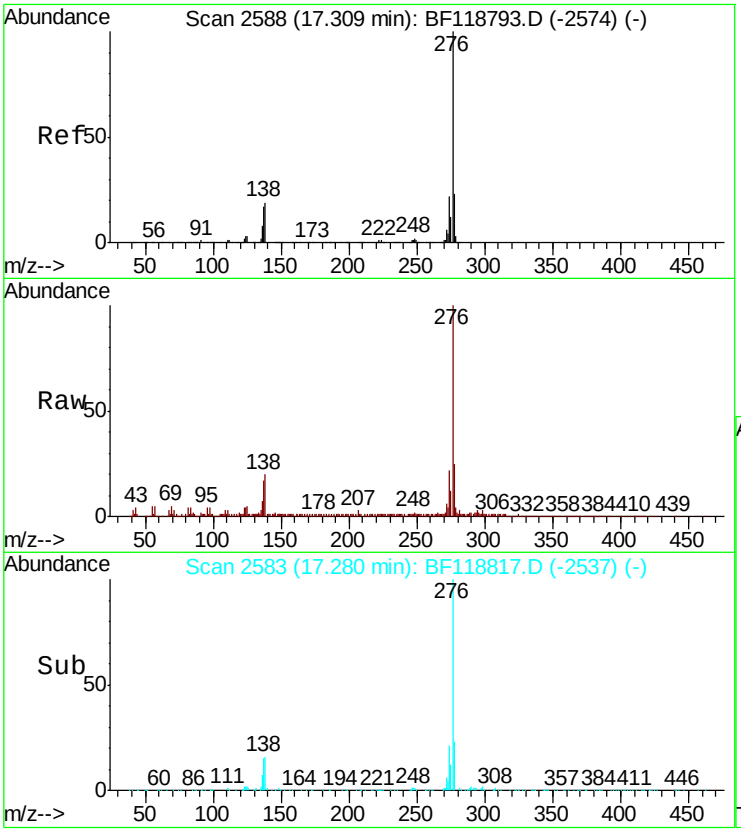


#91
Dibenzo(a,h)anthracene
Concen: 3.889 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.04 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Tgt Ion:278 Resp: 138201

Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.3	18.5
279	29.2	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 14.696 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BF118817.D
Acq: 4 Feb 2020 22:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 502197

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	19.7	15.4	23.2