Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121111.D
Acq On : 29 Jul 2020 19:59
Operator : JU/CG
Sample : L3436-15 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 15

Quant Time: Jul 30 00:55:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150429	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	539783	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	263567	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	450846	20.00	ng		0.00
76) Chrysene-d12	13.96	240	402506	20.00	ng		0.00
86) Perylene-d12	15.42	264	367287	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	173785	18.94	ng		0.00
7) Phenol-d6	6.44	99	212806	17.95	ng		0.00
23) Nitrobenzene-d5	7.36	82	124469	13.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	50027	17.34	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	261723	14.83	ng		0.00
79) Terphenyl-d14	12.90	244	244140	13.19	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	1081	Below Cal		#	74
25) Isophorone	7.36	82	120641	6.480	ng	#	62
31) Naphthalene	8.11	128	93302	3.370	ng		98
49) Acenaphthylene	9.70	152	80279	3.153	ng		99
50) Dimethylphthalate	9.56	163	76765	4.037	ng	#	99
52) Acenaphthene	9.87	154	33190	2.050	ng		98
58) Fluorene	10.39	166	60508	3.465	ng		99
65) 4,6-Dinitro-2-methylphenol	10.66	198	654	4.073	ng	#	1
71) Phenanthrene	11.35	178	460802	19.873	ng		99
72) Anthracene	11.40	178	163646	7.028	ng		98
75) Fluoranthene	12.54	202	723671	28.157	ng		99
78) Pyrene	12.77	202	755655	26.554	ng		98
80) Butylbenzylphthalate	13.39	149	372702	29.379	ng		97
81) Benzo(a)anthracene	13.96	228	361742	14.841	ng		93
83) Chrysene	13.99	228	342164	13.358	ng		96
87) Indeno(1,2,3-cd)pyrene	16.84	276	131971	5.167	ng		97
88) Benzo(b)fluoranthene	15.00	252	489206	22.035	ng	#	95
89) Benzo(k)fluoranthene	15.00	252	489206	24.161	ng	#	95
90) Benzo(a)pyrene	15.36	252	265472	13.106	ng		97
92) Benzo(g,h,i)perylene	17.27	276	127183	6.182	ng		95

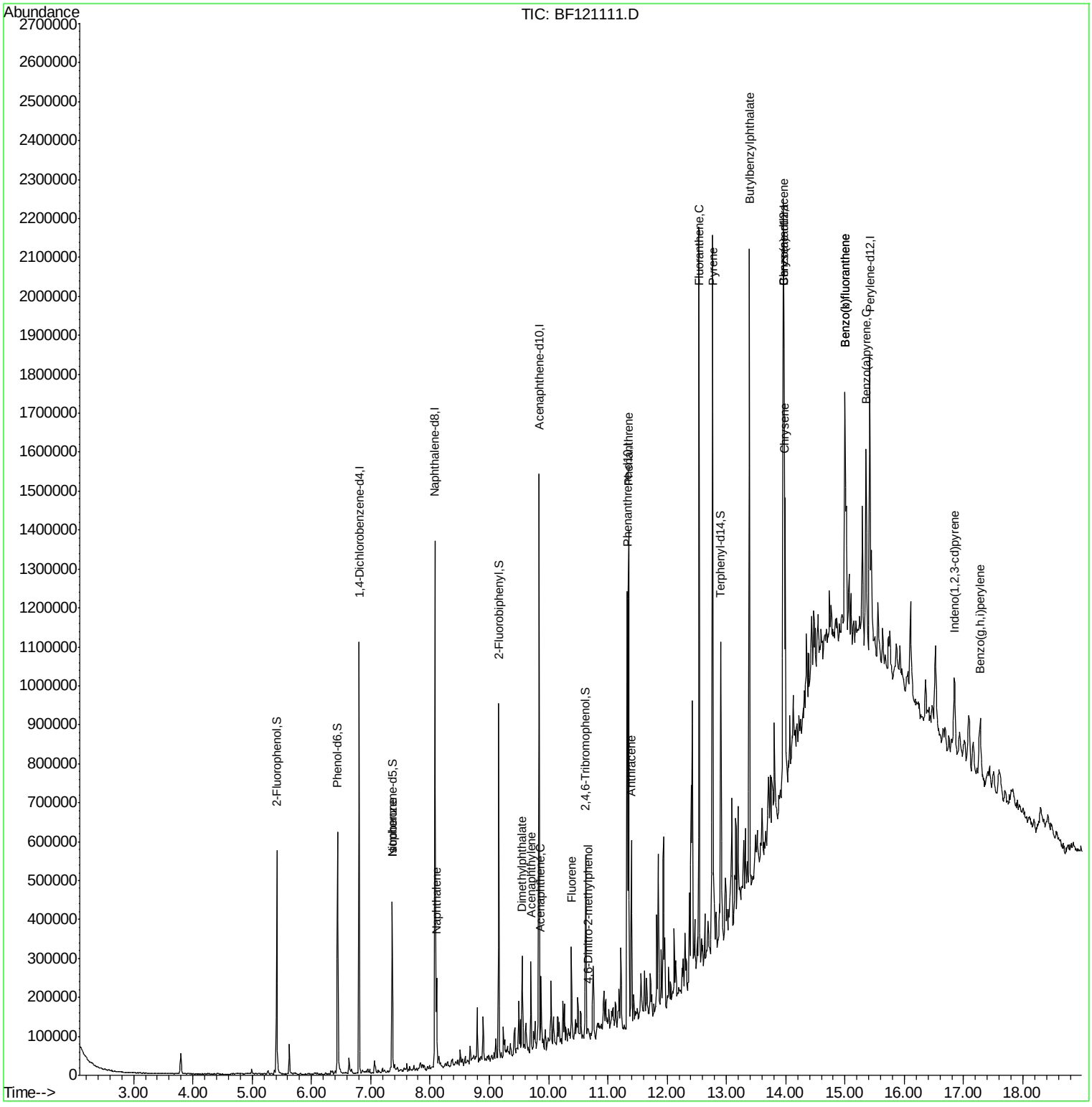
(#) = qualifier out of range (m) = manual integration (+) = signals summed

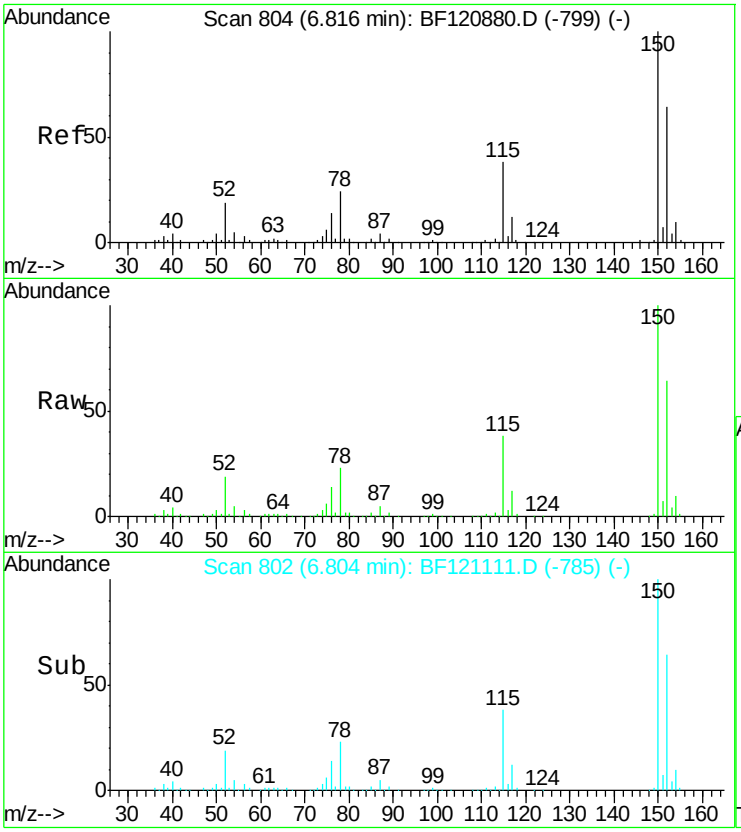
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121111.D
Acq On : 29 Jul 2020 19:59
Operator : JU/CG
Sample : L3436-15 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15

Quant Time: Jul 30 00:55:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration



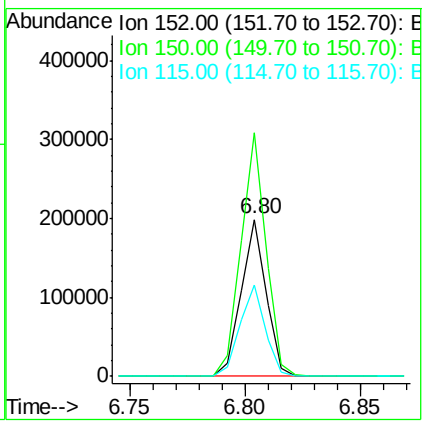


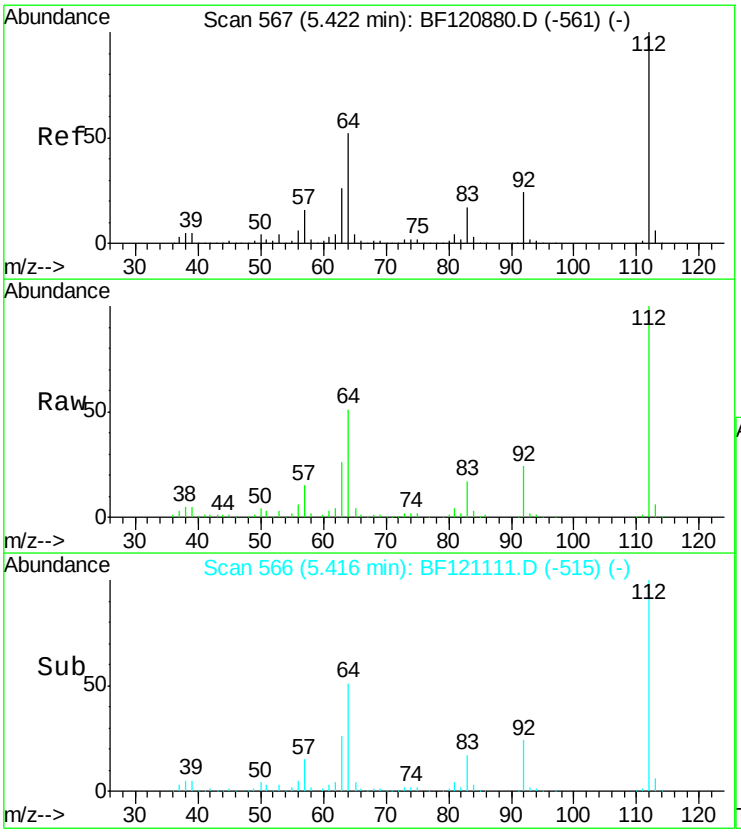
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:152 Resp: 150429

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	58.4	46.2	69.2

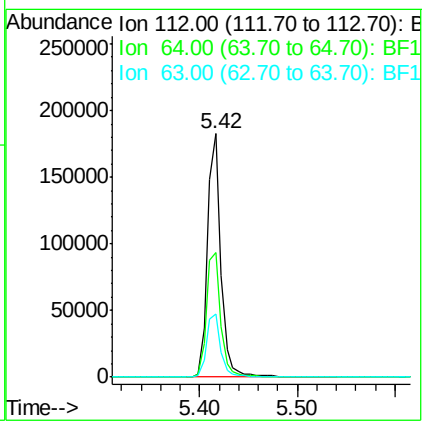


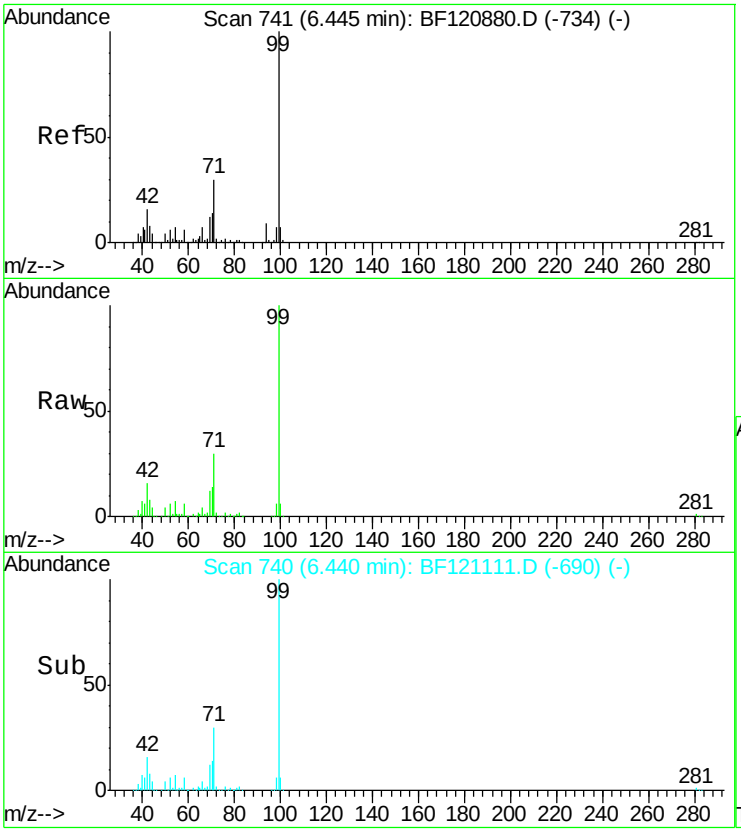


#5
2-Fluorophenol
Concen: 18.939 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:112 Resp: 173785

Ion	Ratio	Lower	Upper
112	100		
64	51.0	43.9	65.9
63	26.2	22.7	34.1



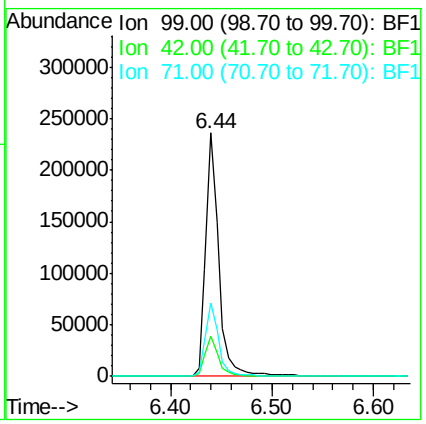


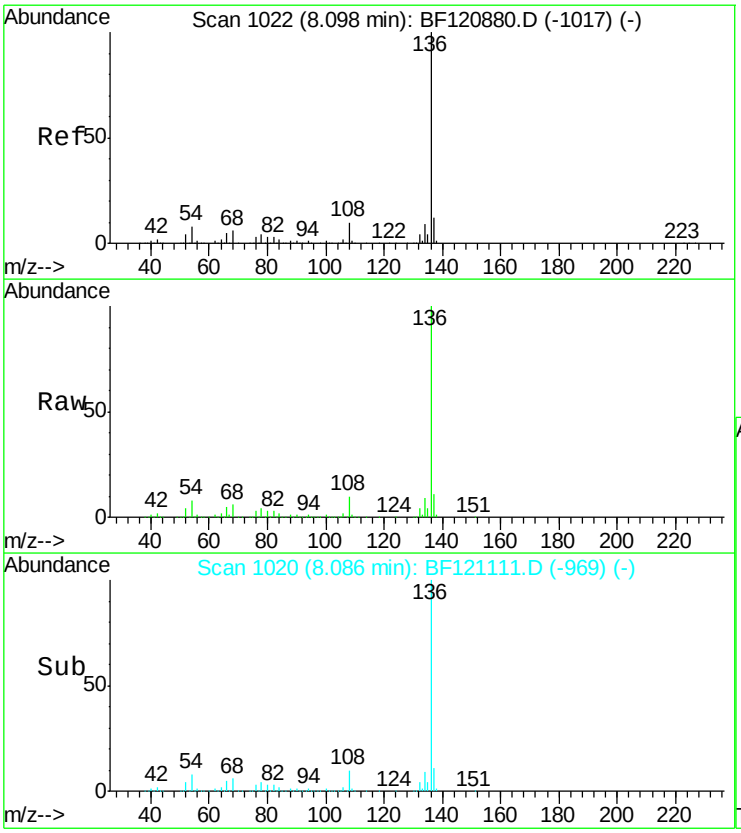
#7
Phenol-d6
Concen: 17.953 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion: 99 Resp: 212806

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.2	25.0	37.4

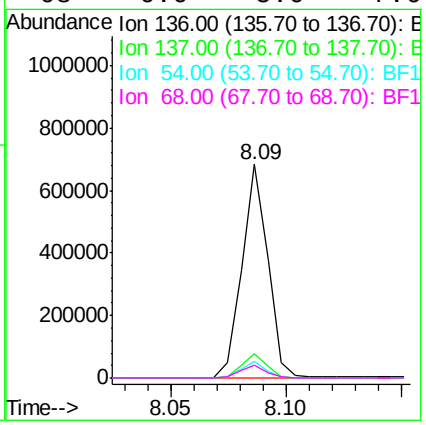


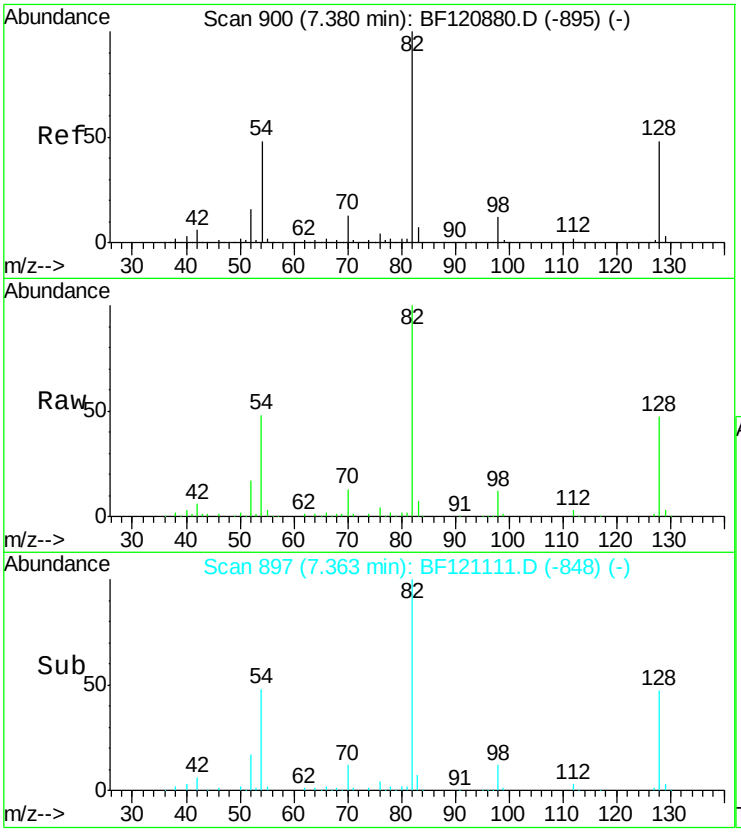


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:136 Resp: 539783

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.6	6.1	9.1
68	6.0	5.0	7.6



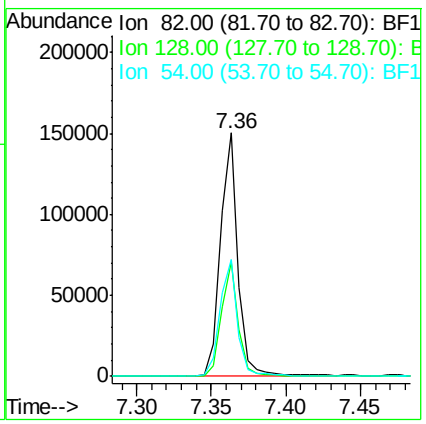


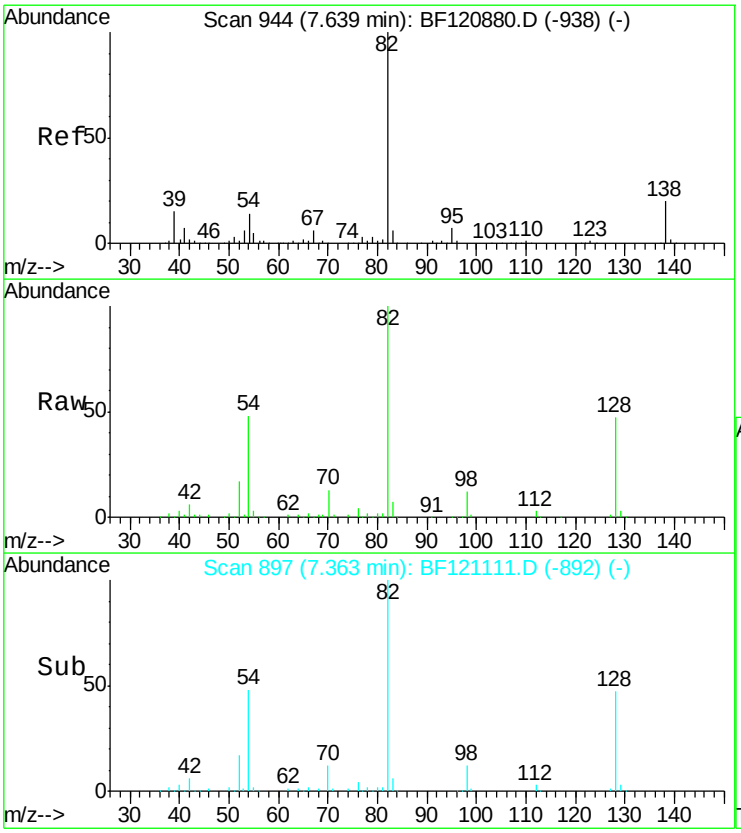
#23
Nitrobenzene-d5
Concen: 13.343 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion: 82 Resp: 124469

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.2	58.8
54	47.8	37.8	56.8

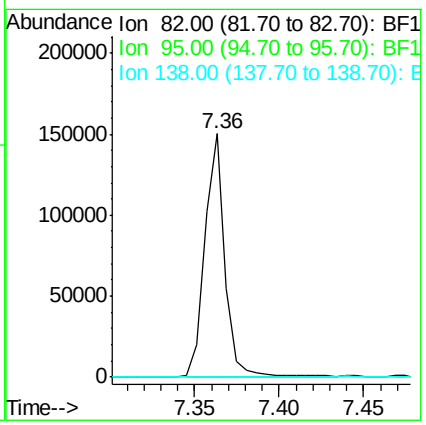


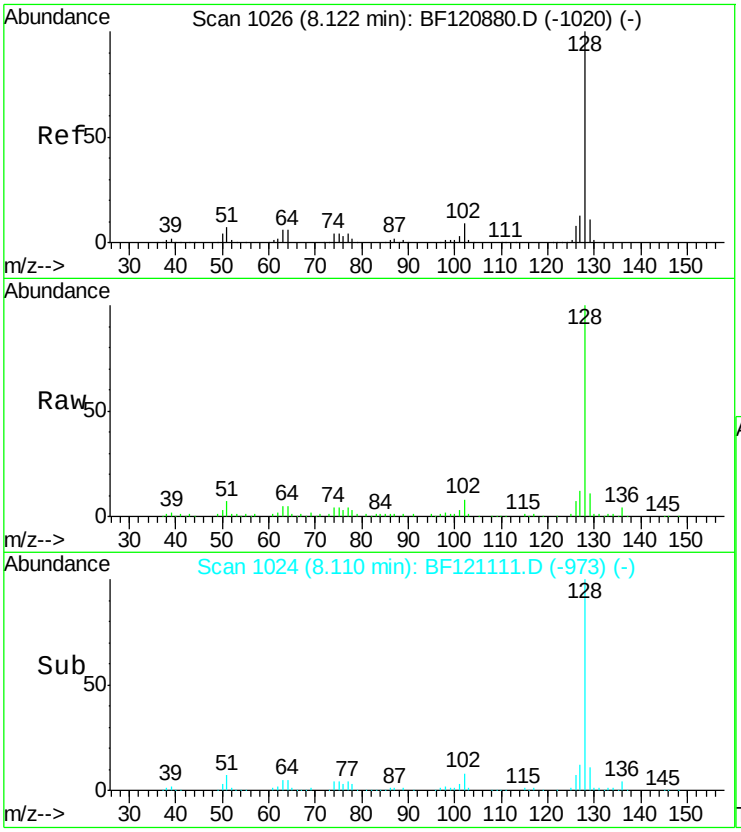


#25
Isophorone
Concen: 6.480 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion: 82 Resp: 120641

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	16.2	24.2#



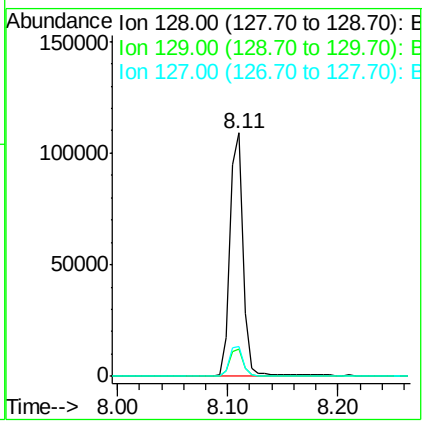


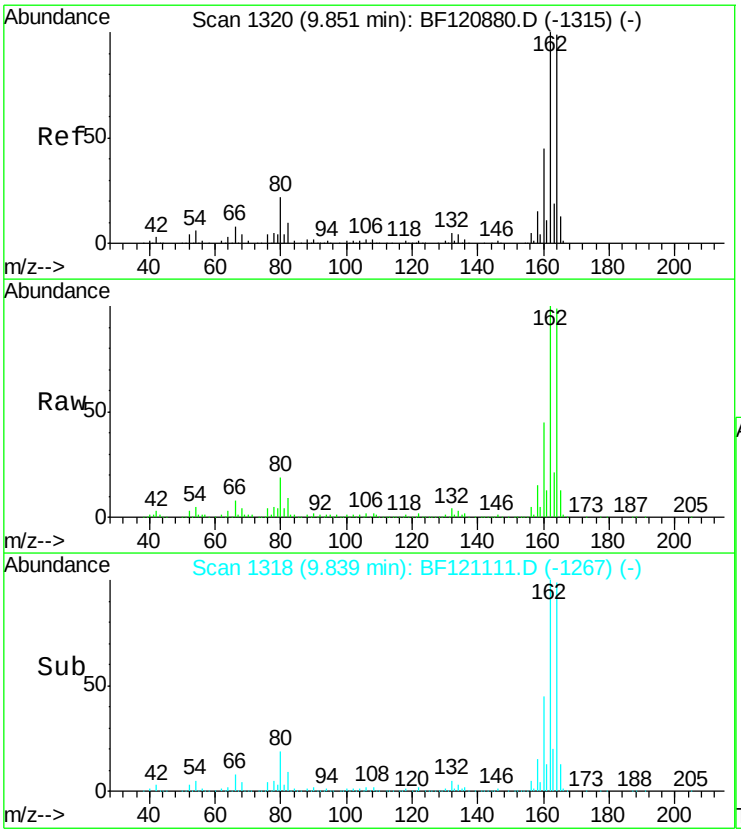
#31
Naphthalene
Concen: 3.370 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:128 Resp: 93302

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.5	10.8	16.2

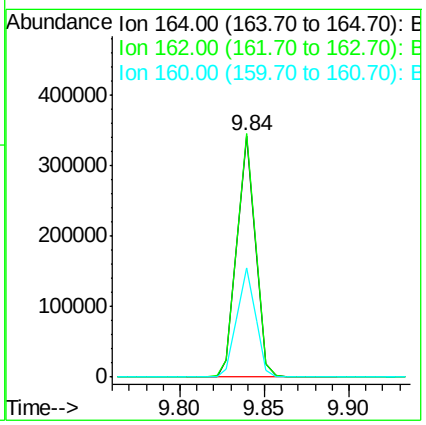


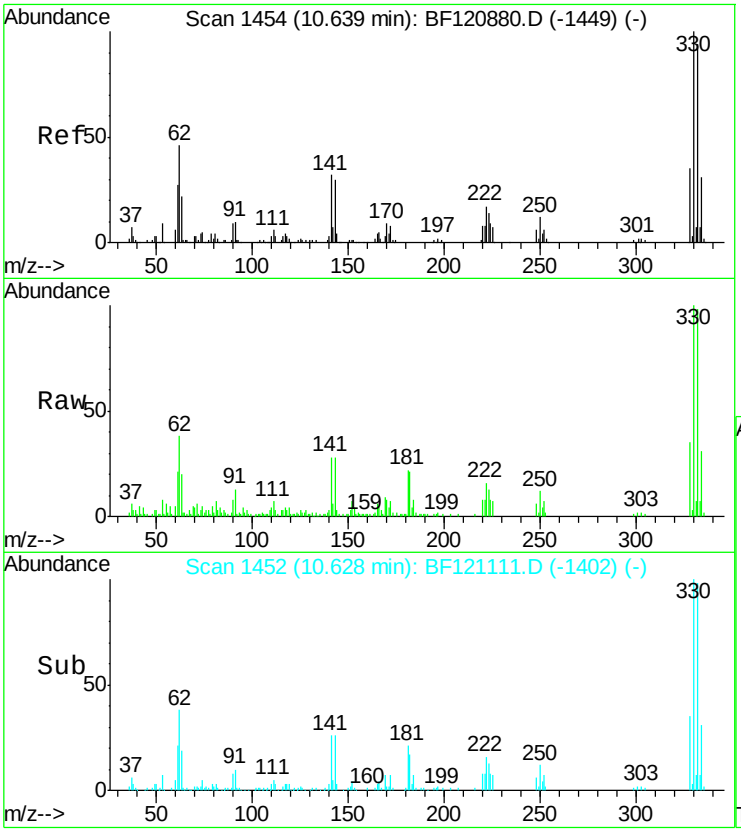


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:164 Resp: 263567

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.5	37.2	55.8



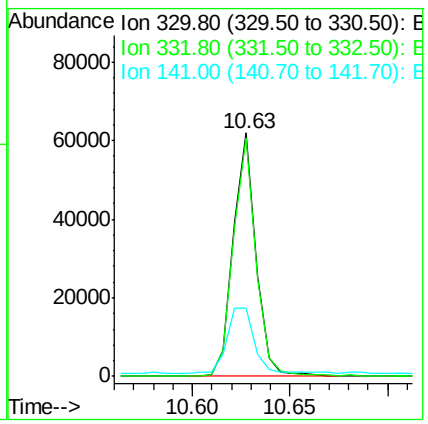


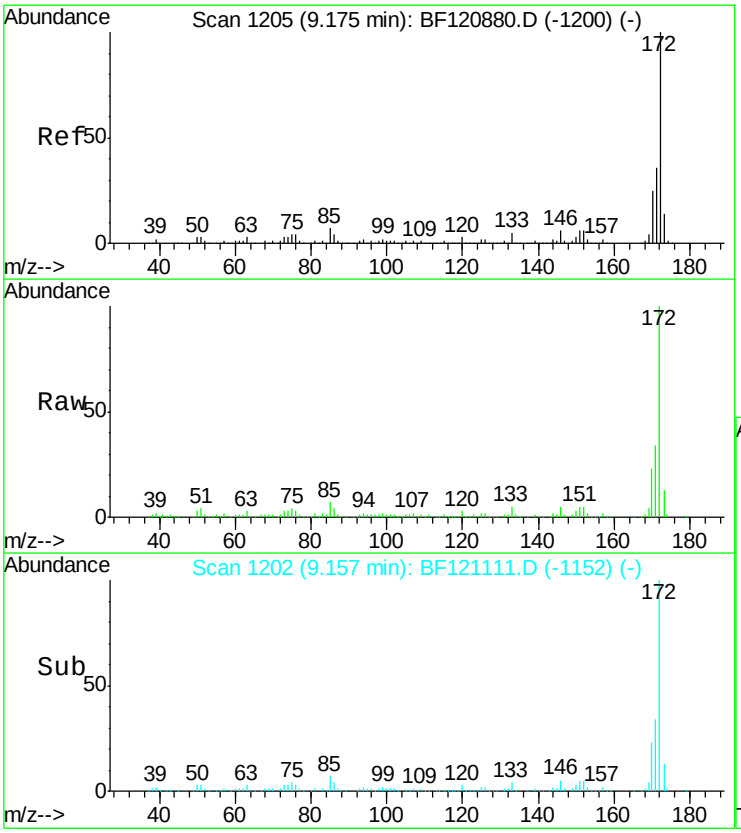
#42
2,4,6-Tribromophenol
Concen: 17.340 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:330 Resp: 50027

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.1	114.1
141	32.8	24.1	36.1

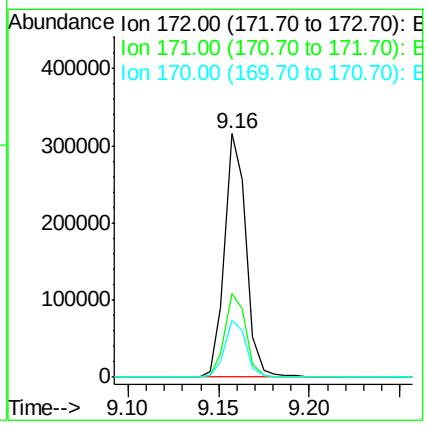


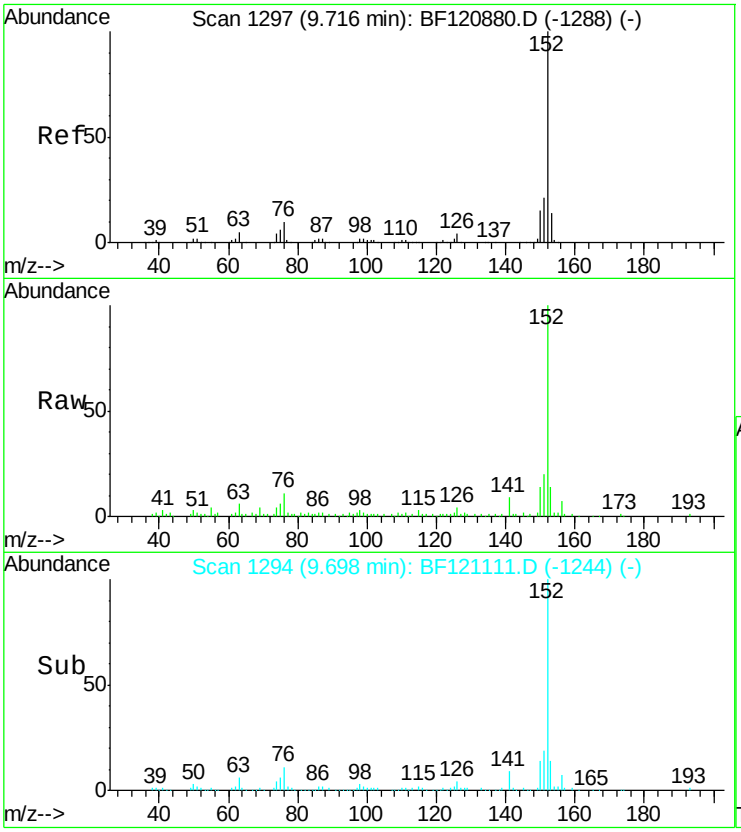


#45
2-Fluorobiphenyl
Concen: 14.826 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:172 Resp: 261723

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.4
170	23.3	19.6	29.4



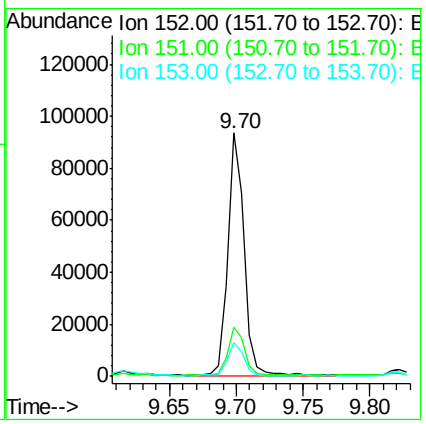


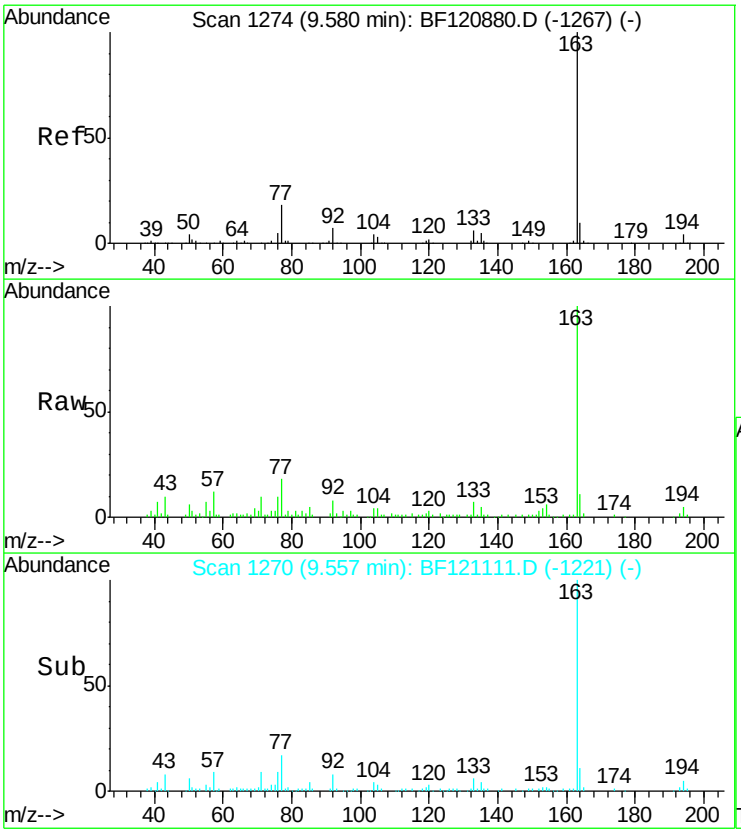
#49
Acenaphthylene
Concen: 3.153 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:152 Resp: 80279

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	25.0
153	14.0	11.0	16.4

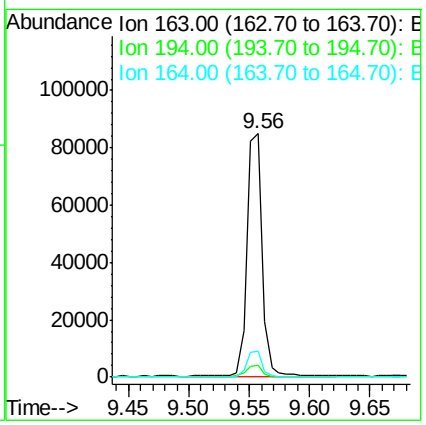


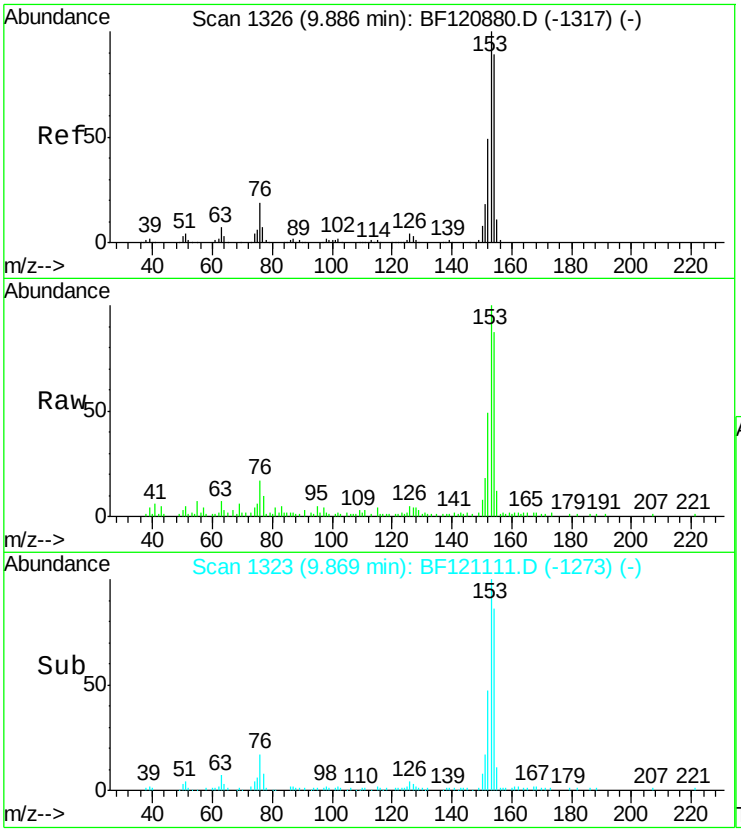


#50
Dimethylphthalate
Concen: 4.037 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:163 Resp: 76765

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.0	4.4#
164	10.5	8.4	12.6



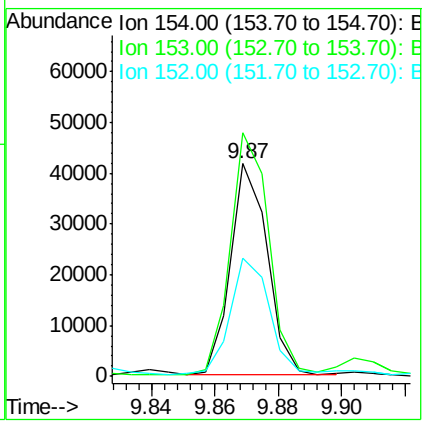


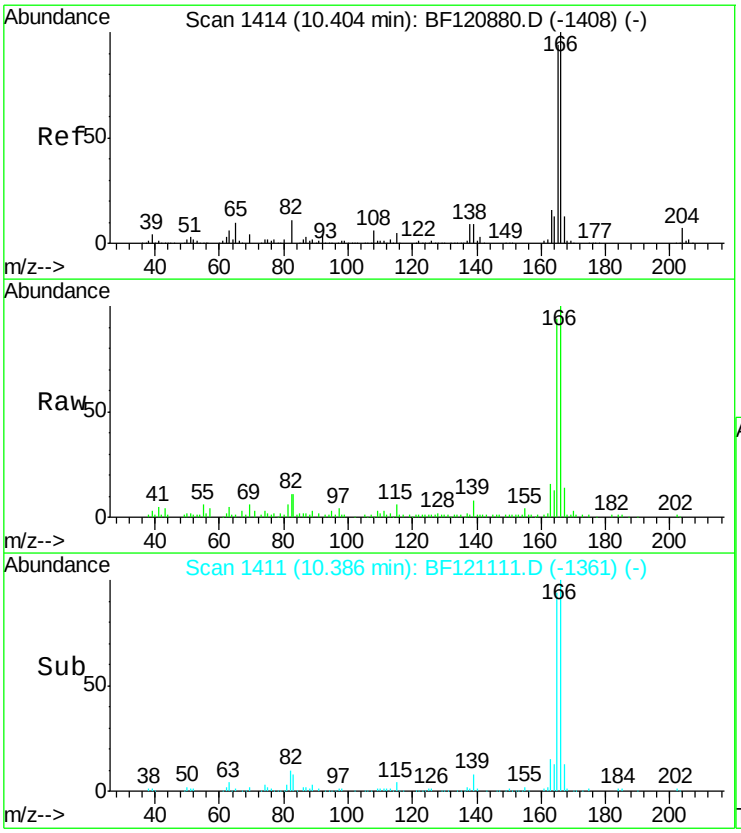
#52
Acenaphthene
Concen: 2.050 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:154 Resp: 33190

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.6	134.4
152	55.5	43.8	65.6

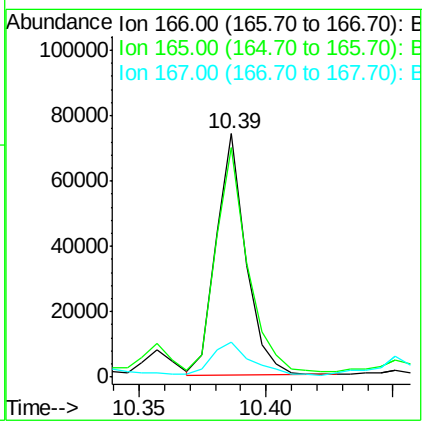


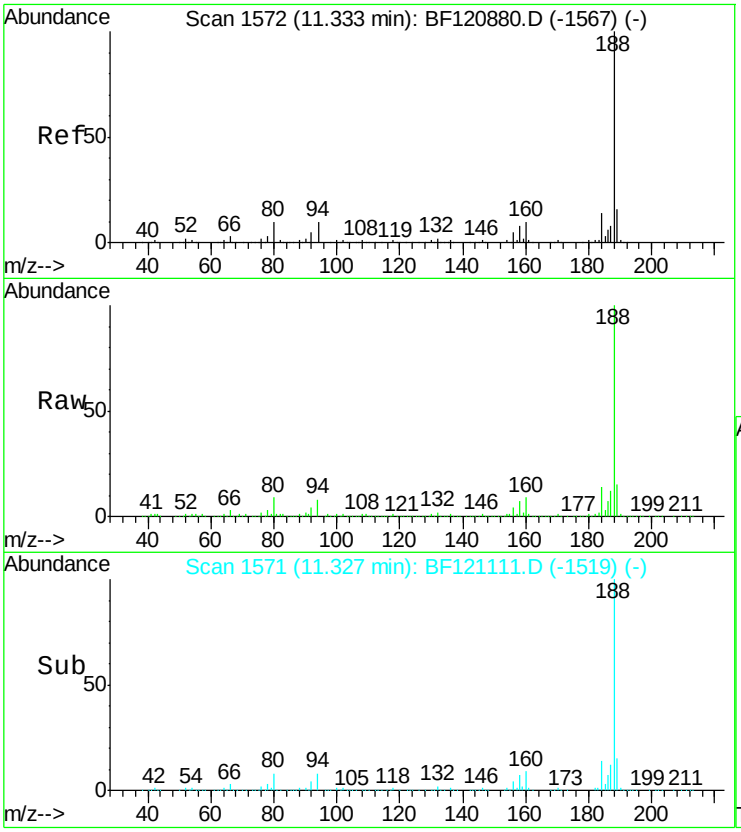


#58
Fluorene
Concen: 3.465 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:166 Resp: 60508

Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.4	114.6
167	14.4	10.7	16.1



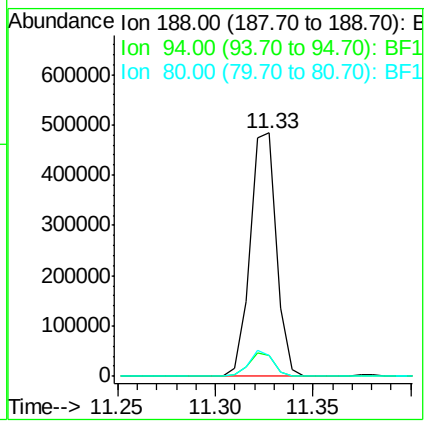


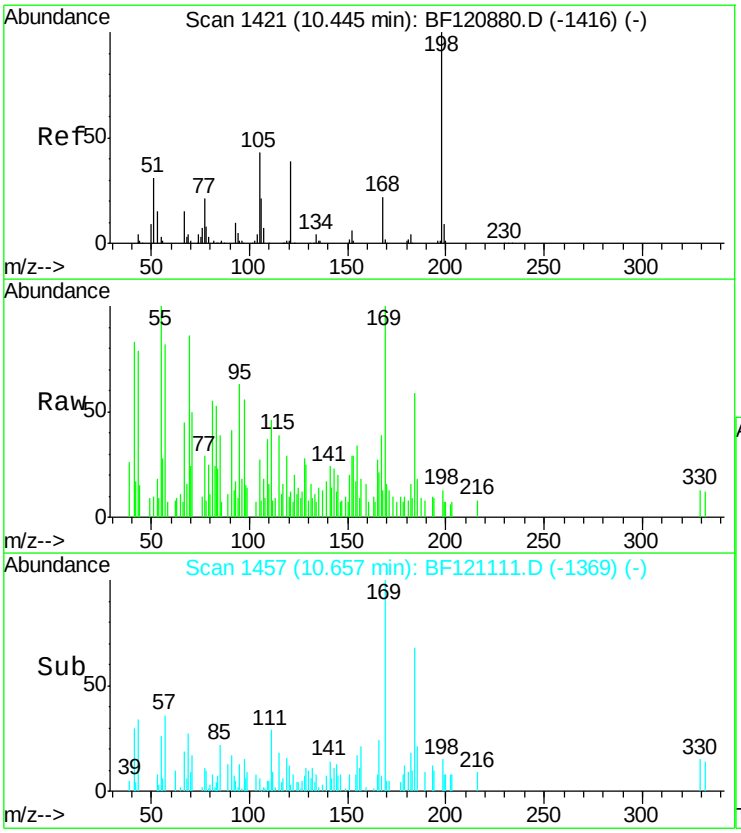
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:188 Resp: 450846

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	8.6	8.3	12.5

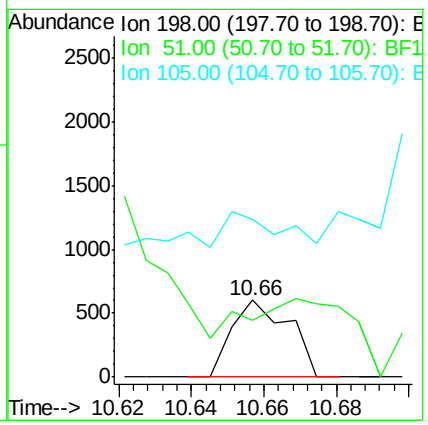


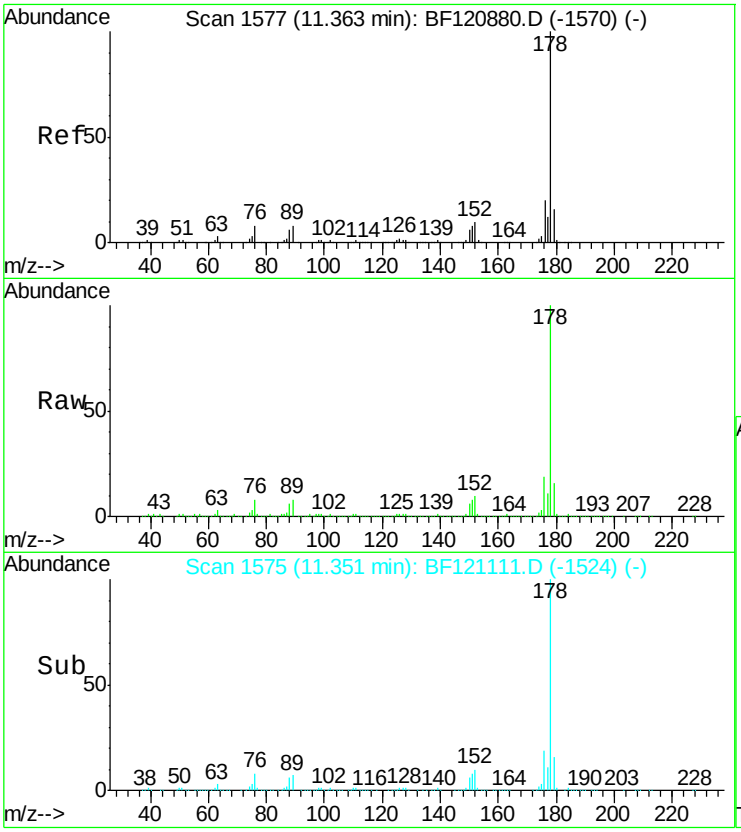


#65
4,6-Dinitro-2-methylphenol
Concen: 4.073 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.22 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:198 Resp: 654

Ion	Ratio	Lower	Upper
198	100		
51	74.0	23.4	63.4#
105	206.2	23.7	63.7#



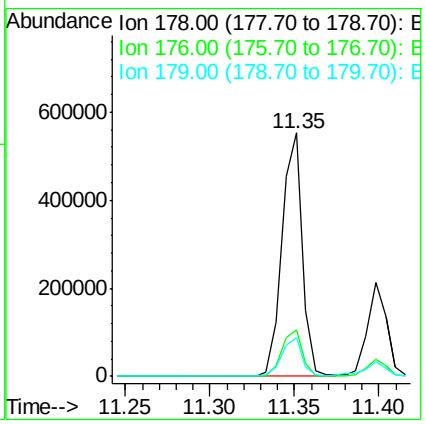


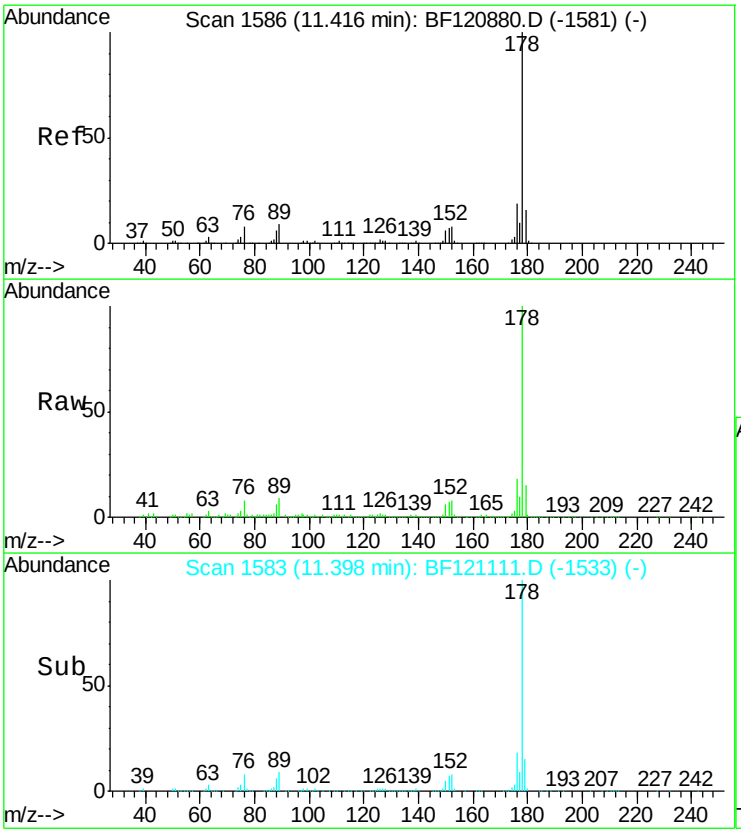
#71
Phenanthrene
Concen: 19.873 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:178 Resp: 460802

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.8	12.6	19.0

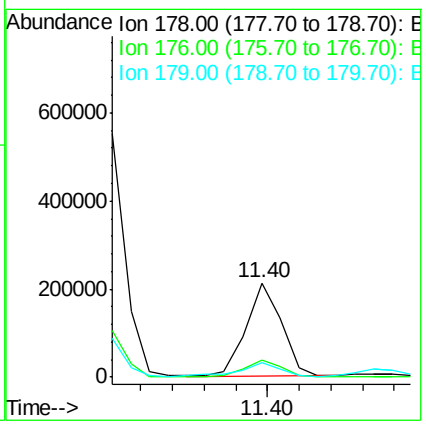


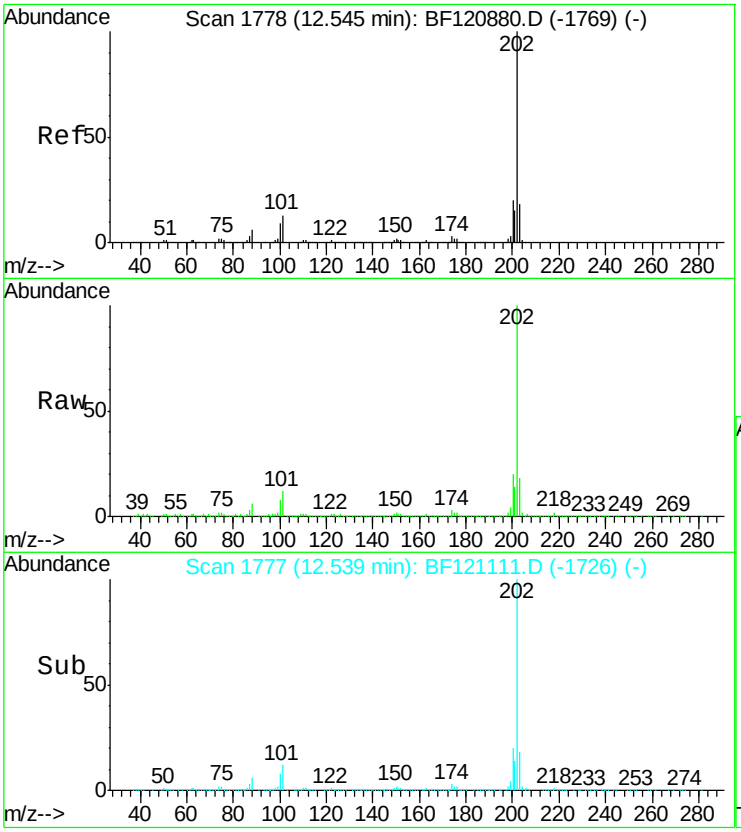


#72
Anthracene
Concen: 7.028 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:178 Resp: 163646

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.2	12.6	19.0



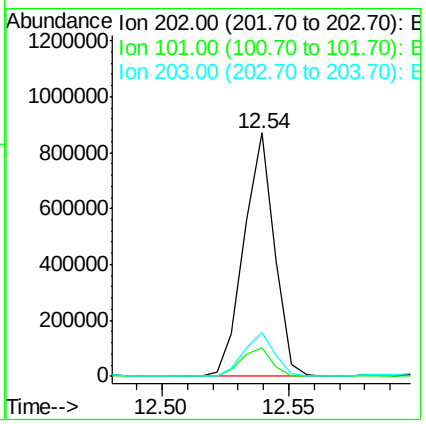


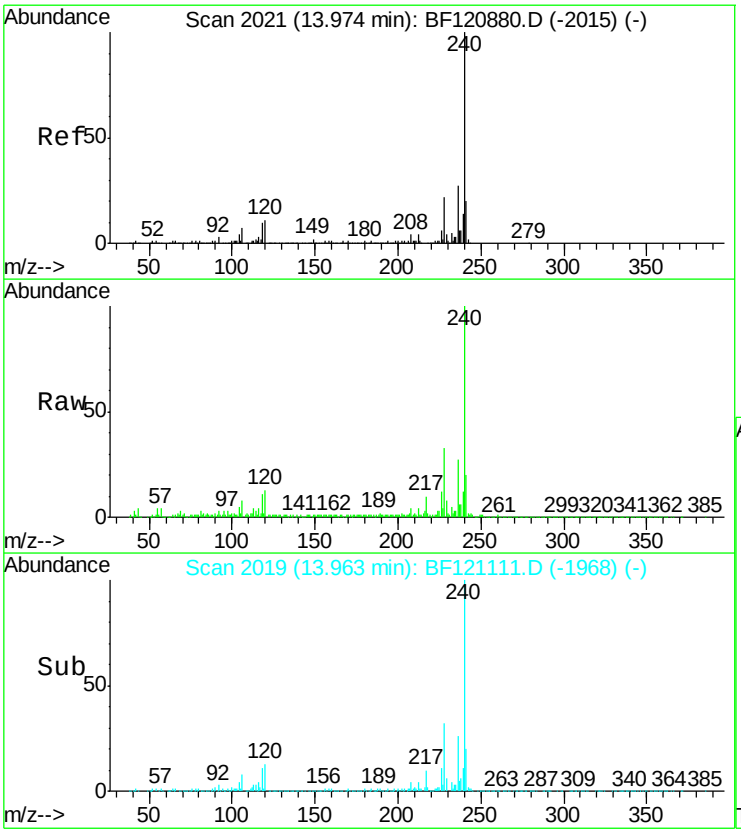
#75
Fluoranthene
Concen: 28.157 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:202 Resp: 723671

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.5
203	18.0	0.0	37.7

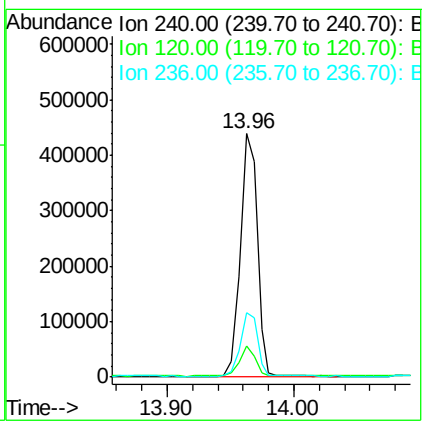


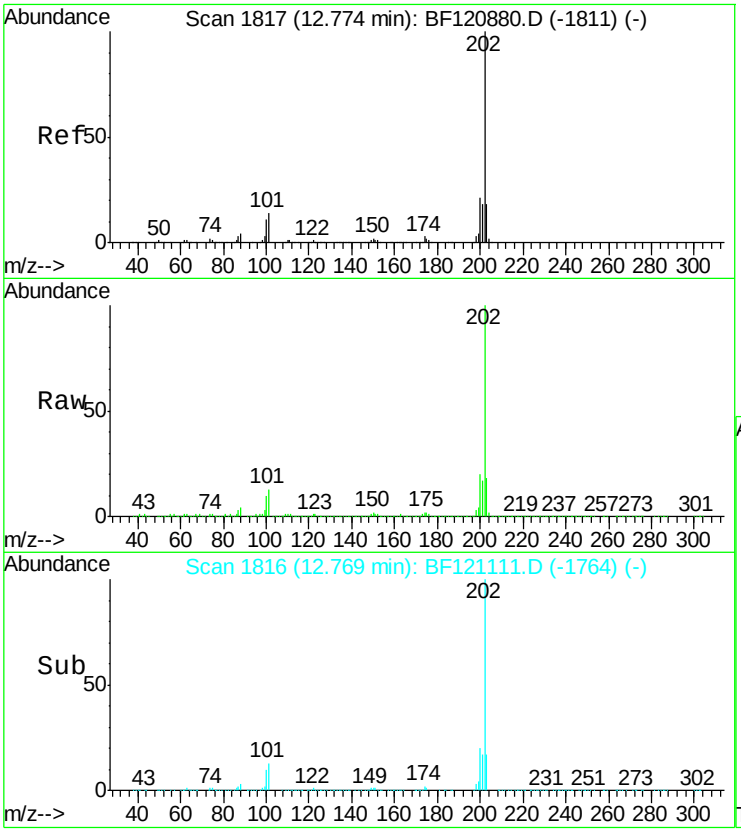


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:240 Resp: 402506

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.3	13.9
236	26.7	21.1	31.7



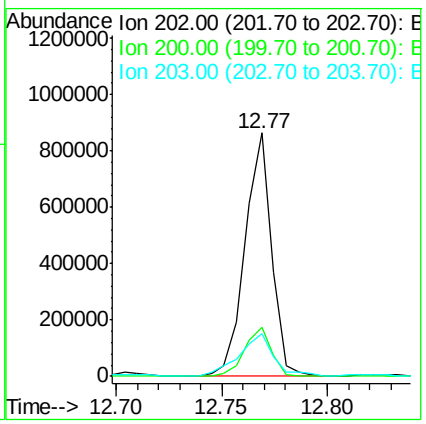


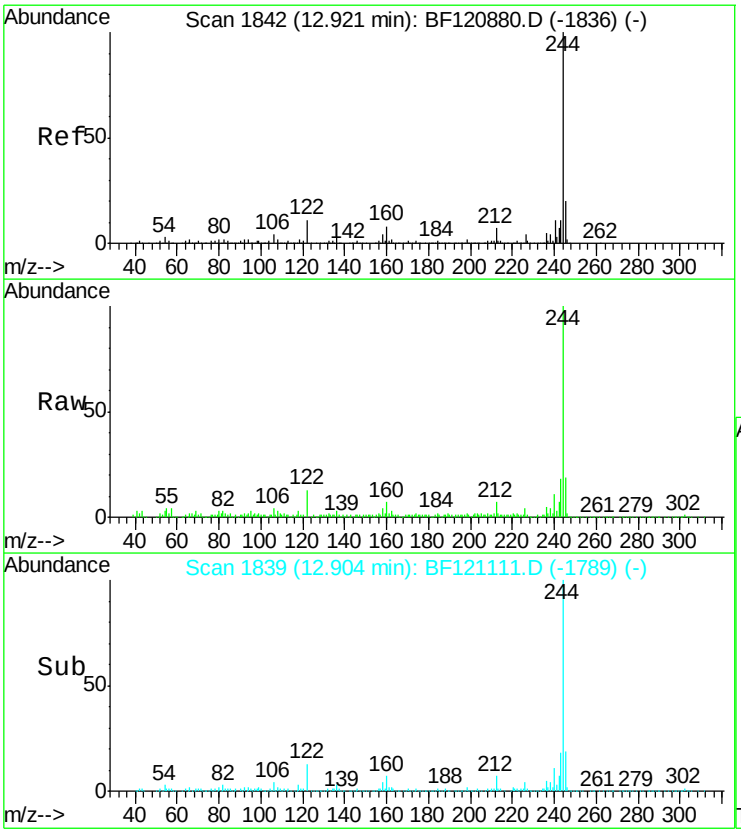
#78
Pyrene
Concen: 26.554 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:202 Resp: 755655

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	17.7	14.6	21.8

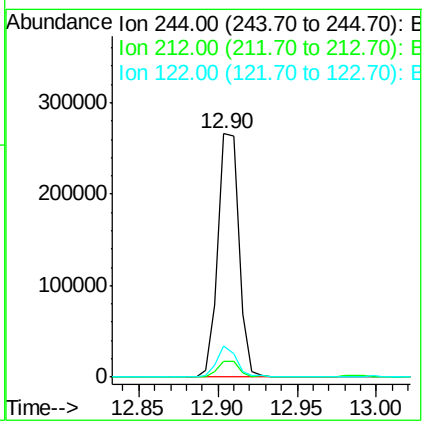


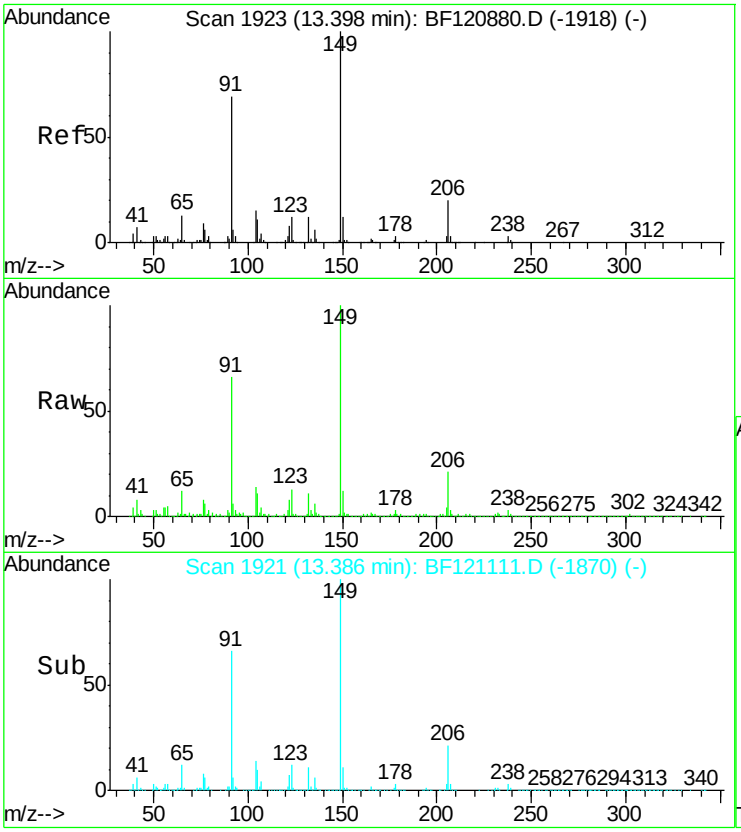


#79
Terphenyl-d14
Concen: 13.185 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:244 Resp: 244140

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.1	8.3	12.5#



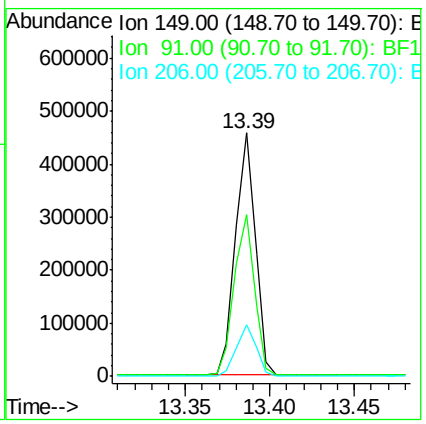


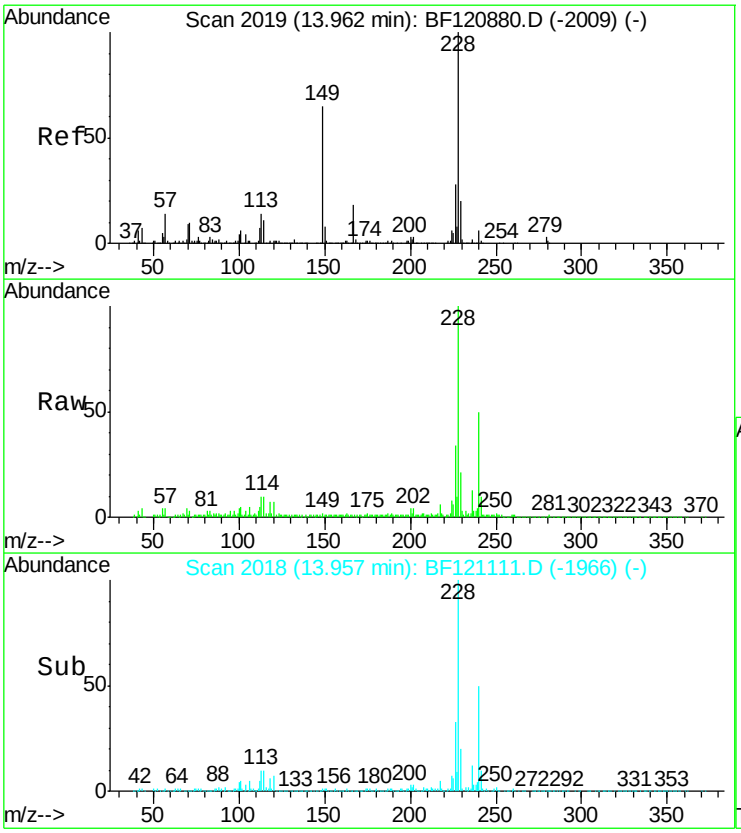
#80
Butylbenzylphthalate
Concen: 29.379 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:149 Resp: 372702

Ion	Ratio	Lower	Upper
149	100		
91	66.4	51.4	77.0
206	21.0	17.9	26.9

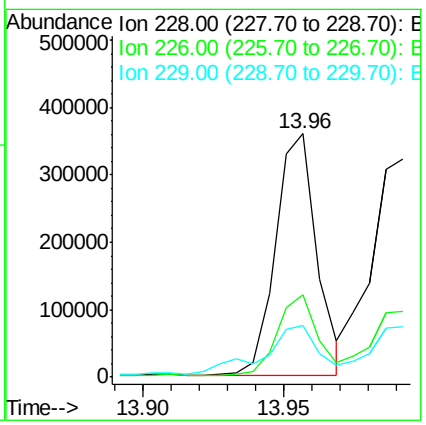


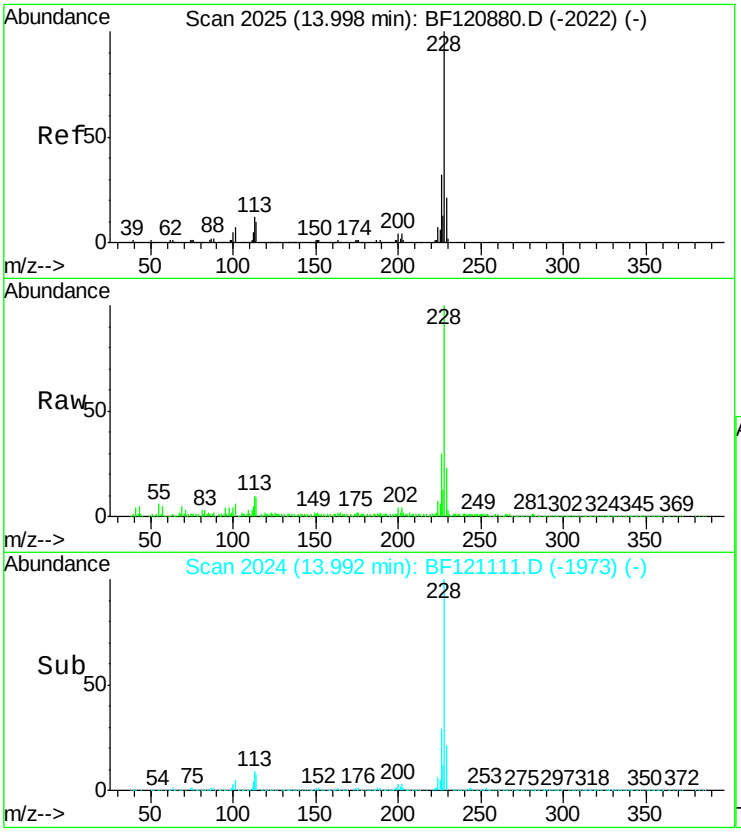


#81
Benzo(a)anthracene
Concen: 14.841 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:228 Resp: 361742

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	34.0
229	21.2	16.1	24.1



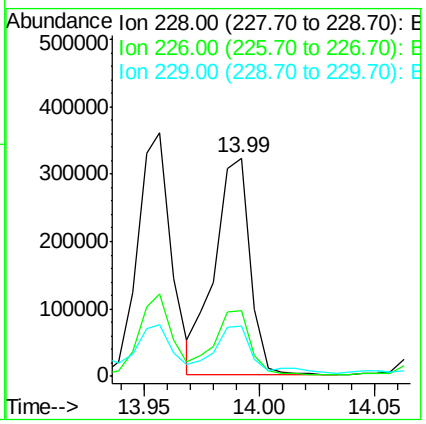


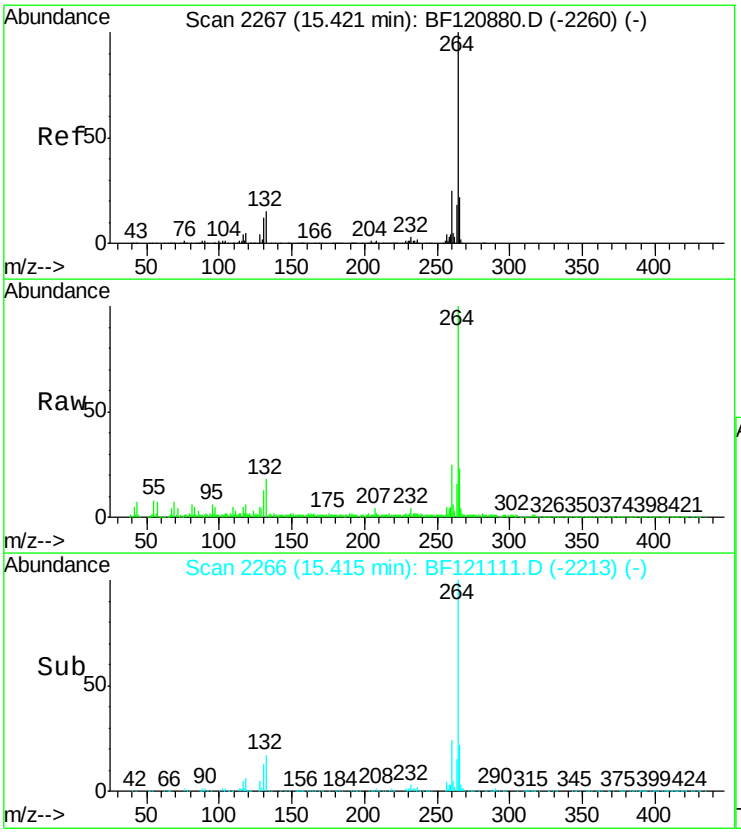
#83
Chrysene
Concen: 13.358 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:228 Resp: 342164

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	22.8	16.2	24.4

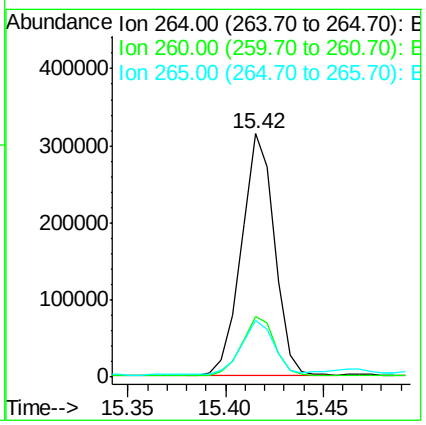


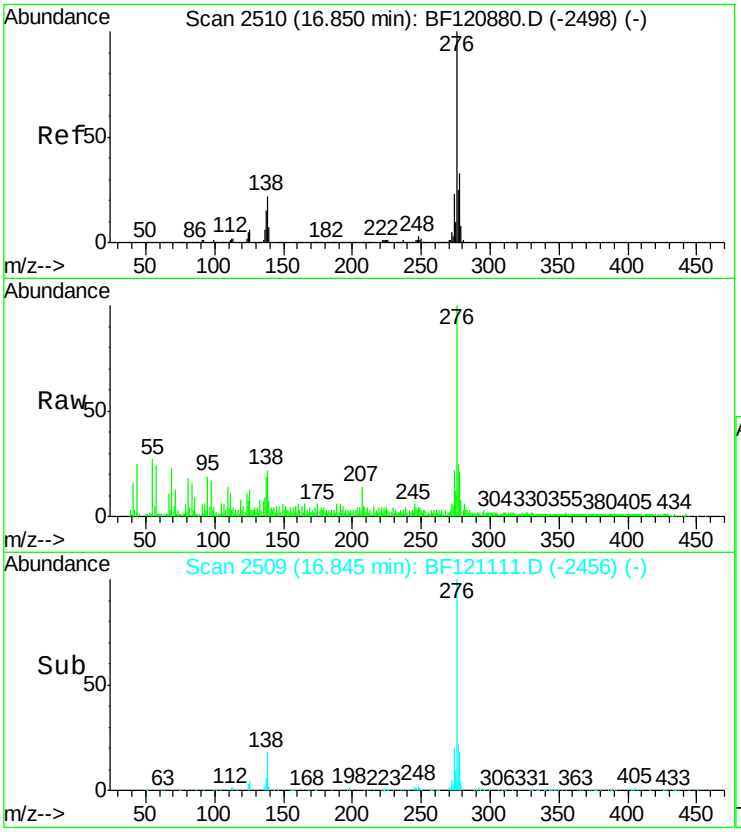


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:264 Resp: 367287

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	23.3	17.8	26.8



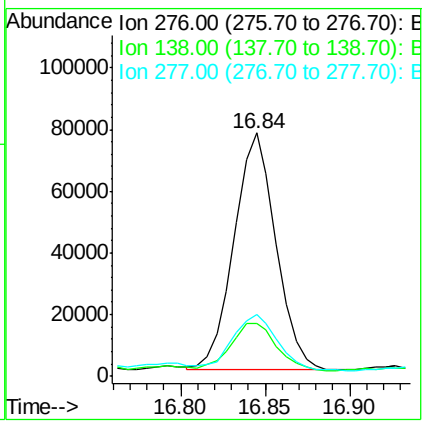


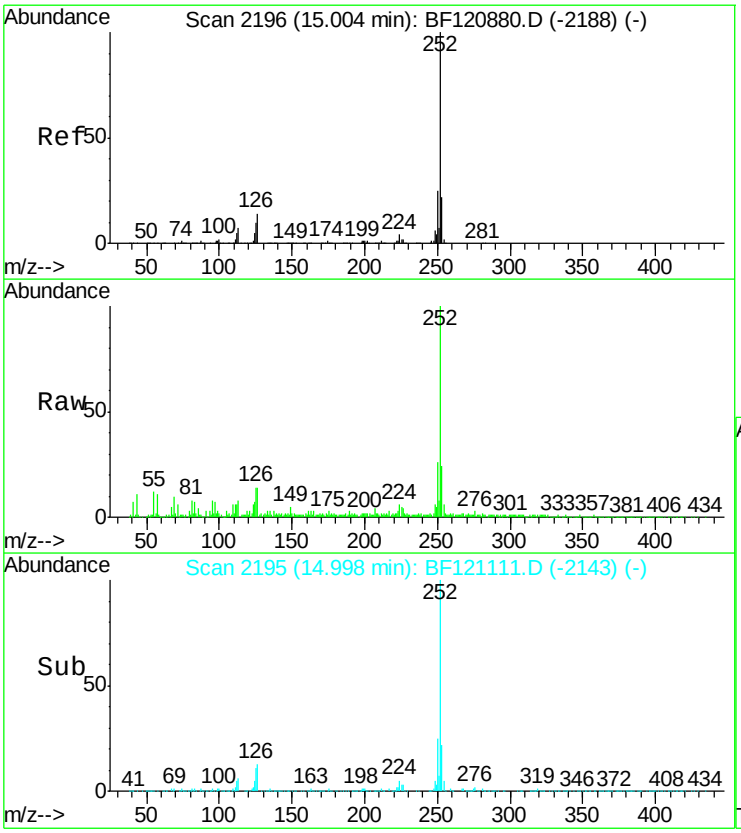
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.167 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:276 Resp: 131971

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.3	28.9
277	25.9	20.1	30.1

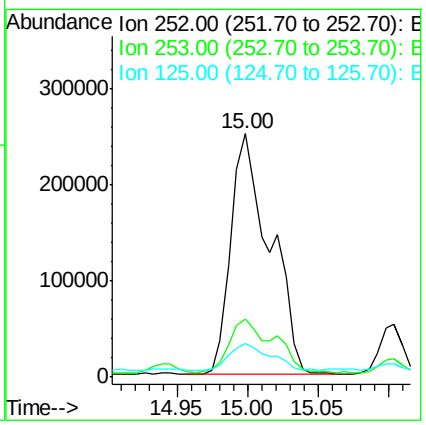


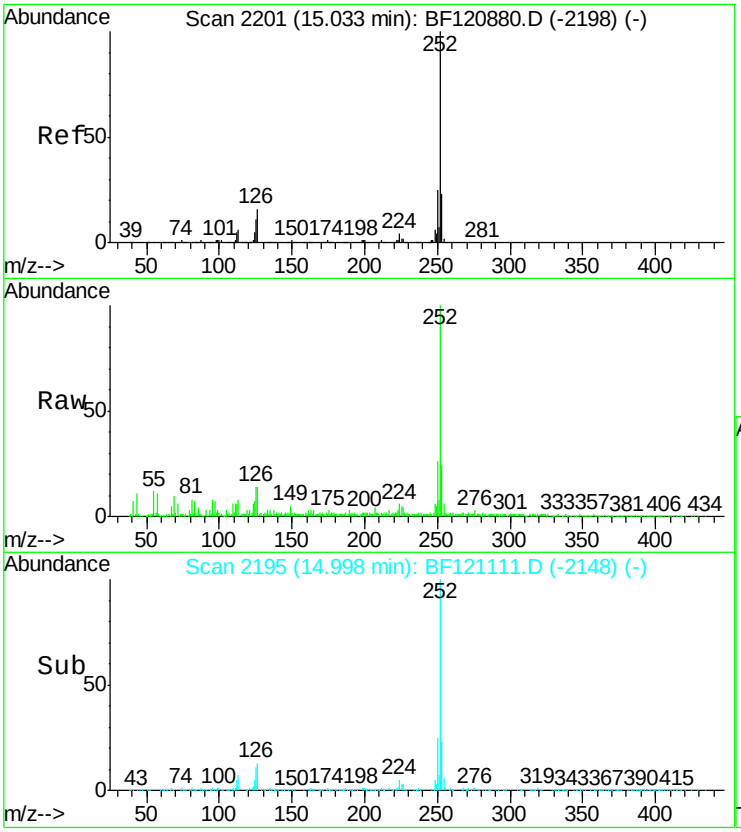


#88
Benzo(b)fluoranthene
Concen: 22.035 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:252 Resp: 489206

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	13.7	8.1	12.1#



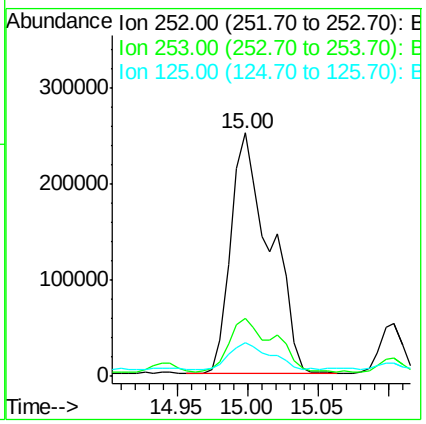


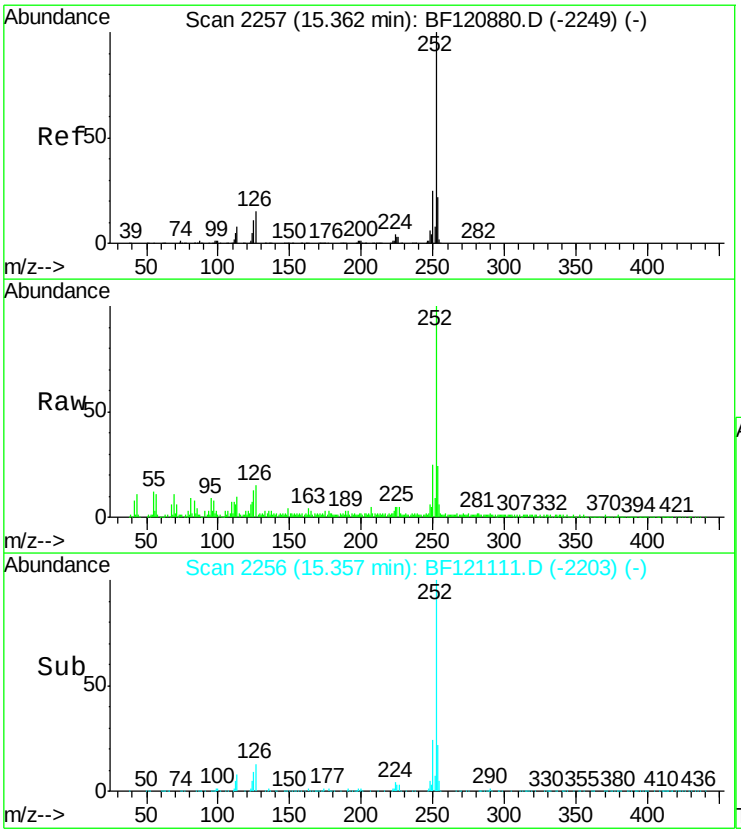
#89
Benzo(k)fluoranthene
Concen: 24.161 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:252 Resp: 489206

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	13.7	8.0	12.0#

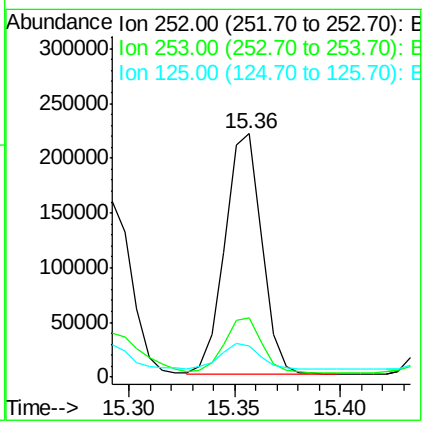


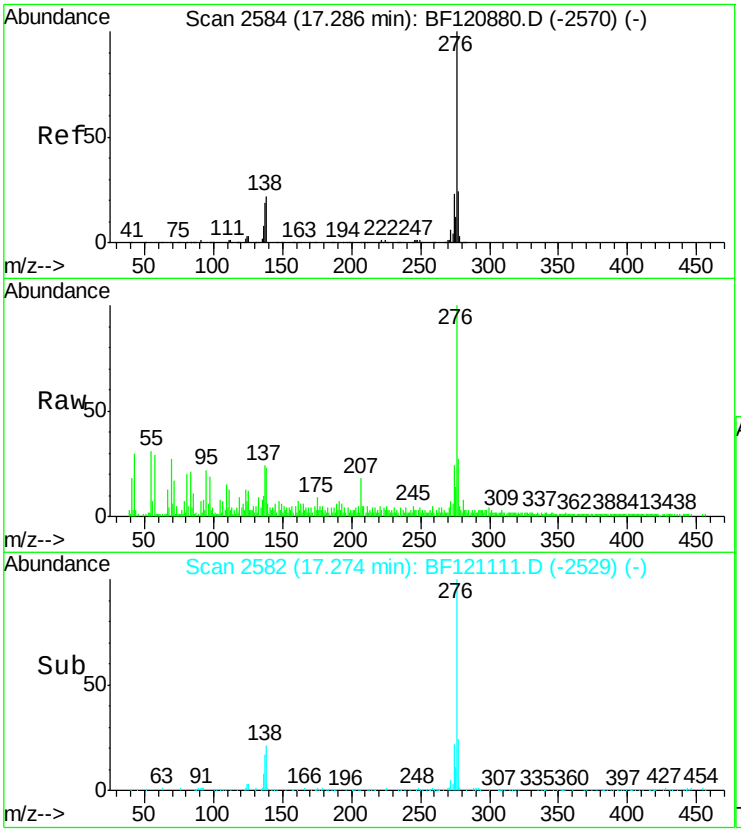


#90
Benzo(a)pyrene
Concen: 13.106 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Tgt Ion:252 Resp: 265472

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.8	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 6.182 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF121111.D
Acq: 29 Jul 2020 19:59

Instrument :
BNA_F
ClientSampleId :
15

Tgt Ion:276 Resp: 127183

Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.4	29.0
138	23.3	17.2	25.8