Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121106.D
Acq On : 29 Jul 2020 17:23
Operator : JU/CG
Sample : L3185-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-05-072720

Quant Time: Jul 29 18:11:11 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	160842	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	601671	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	304356	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	539004	20.00	ng	0.00
76) Chrysene-d12	13.96	240	361632	20.00	ng	0.00
86) Perylene-d12	15.40	264	422485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	390818	39.83	ng	0.00
7) Phenol-d6	6.44	99	470225	37.10	ng	0.00
23) Nitrobenzene-d5	7.36	82	299602	28.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	127268	38.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	588708	28.88	ng	0.00
79) Terphenyl-d14	12.90	244	489437	29.42	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	236	Below Cal	#	66
19) n-Nitroso-di-n-propylamine	7.36	70	38515	5.344	ng	# 78
25) Isophorone	7.36	82	291974	14.069	ng	# 62
50) Dimethylphthalate	9.55	163	90109	4.104	ng	99
51) 2,6-Dinitrotoluene	9.84	165	39705	8.417	ng	# 27
57) 2,4-Dinitrotoluene	9.84	165	39705	6.409	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.62	198	148	3.886	ng	# 1
71) Phenanthrene	11.34	178	560740	20.228	ng	99
72) Anthracene	11.39	178	140767	5.057	ng	97
75) Fluoranthene	12.53	202	867785	28.242	ng	98
78) Pyrene	12.76	202	701110	27.422	ng	98
81) Benzo(a)anthracene	13.94	228	376452	17.191	ng	99
83) Chrysene	13.98	228	330587	14.365	ng	96
87) Indeno(1,2,3-cd)pyrene	16.82	276	221340	7.533	ng	95
88) Benzo(b)fluoranthene	14.99	252	581839	22.784	ng	98
89) Benzo(k)fluoranthene	14.99	252	581839	24.982	ng	98
90) Benzo(a)pyrene	15.34	252	311513	13.370	ng	98
92) Benzo(g,h,i)perylene	17.25	276	185705	7.847	ng	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
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Acq On : 29 Jul 2020 17:23
Operator : JU/CG
Sample : L3185-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Quant Time: Jul 29 18:11:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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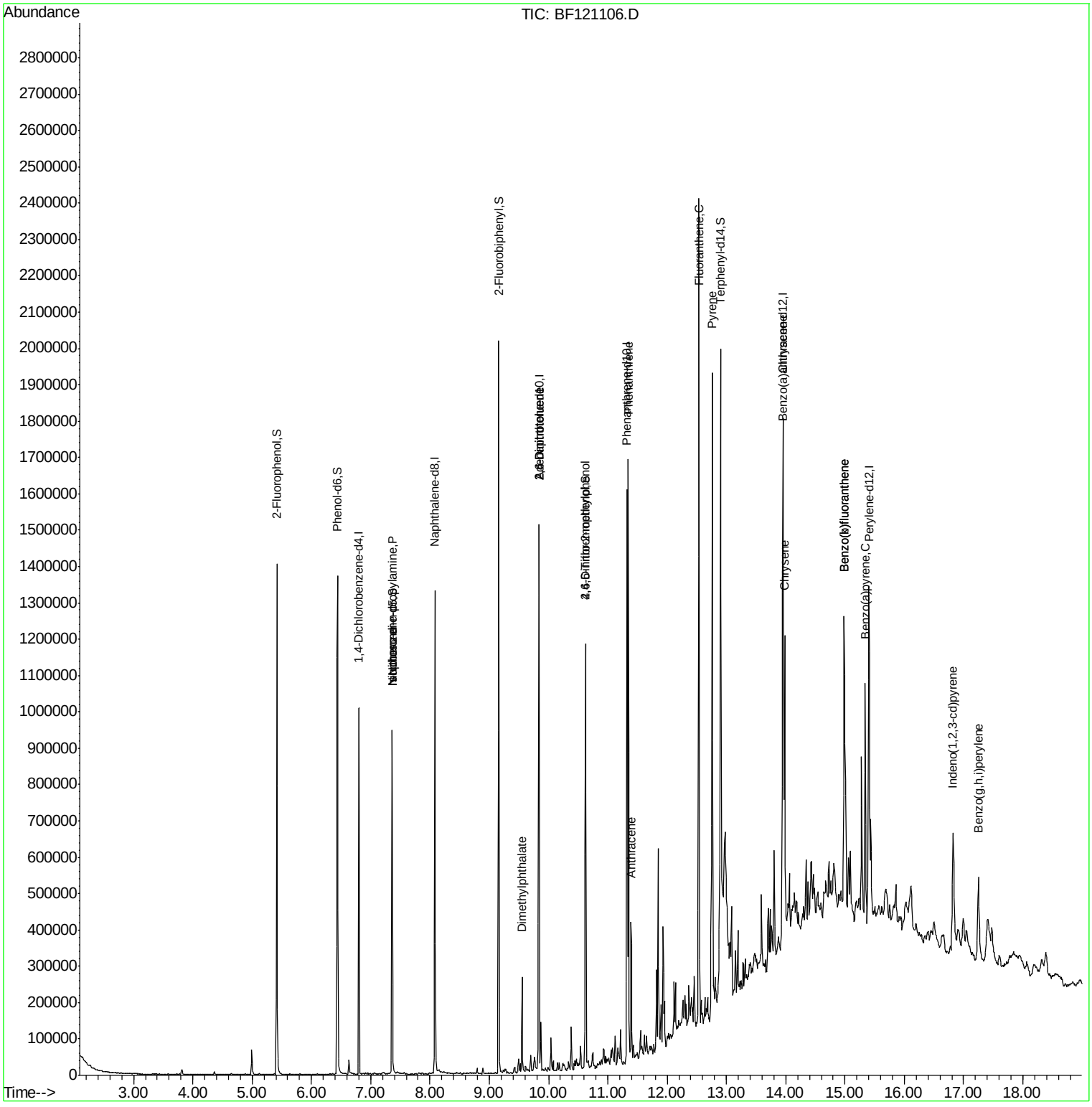
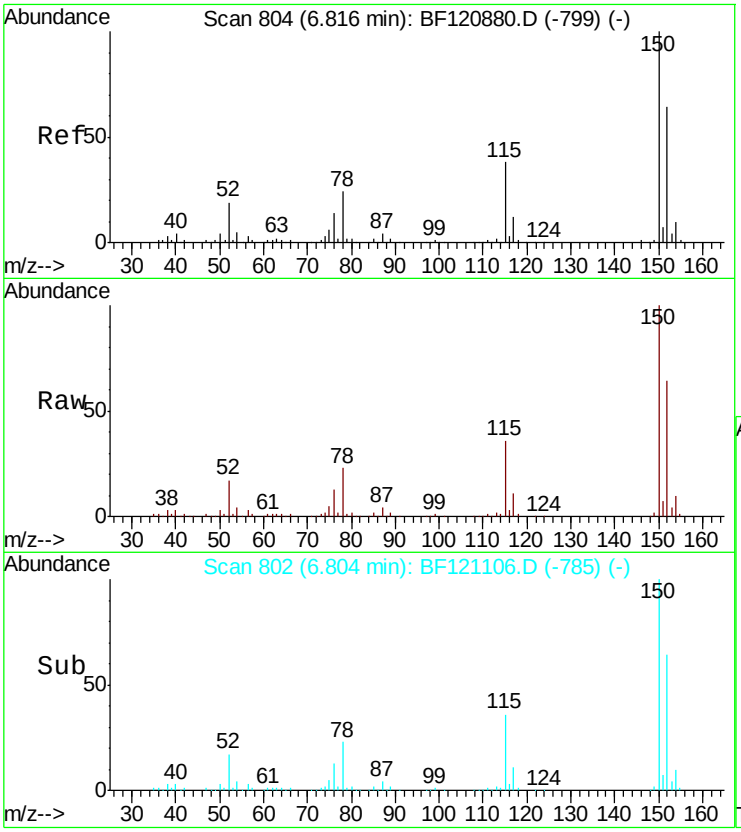


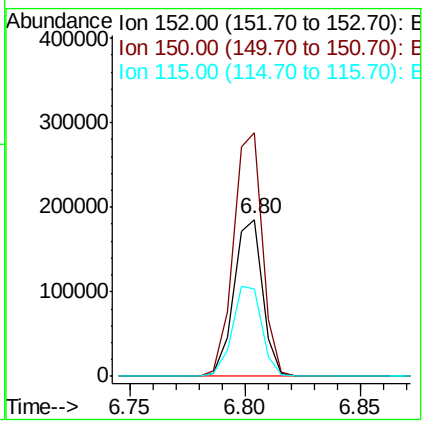


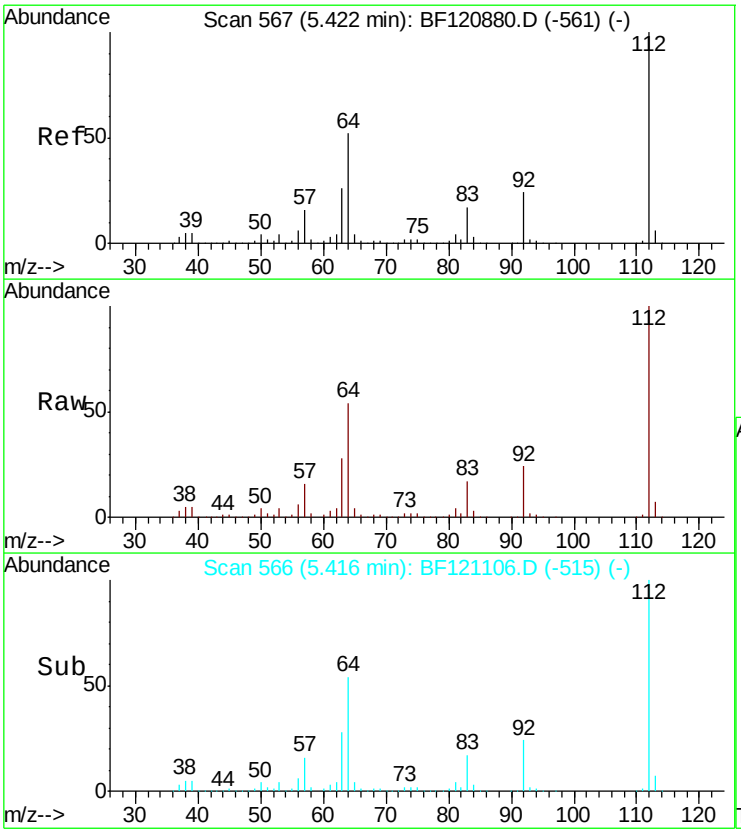
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:152 Resp: 160842

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	55.8	46.2	69.2

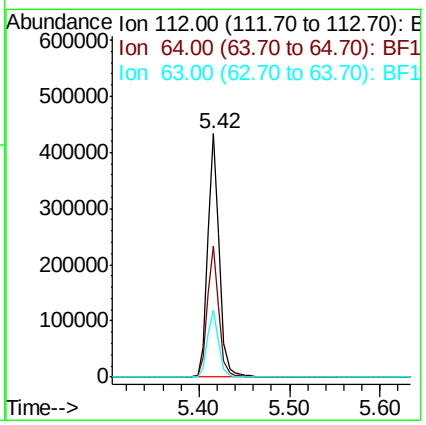


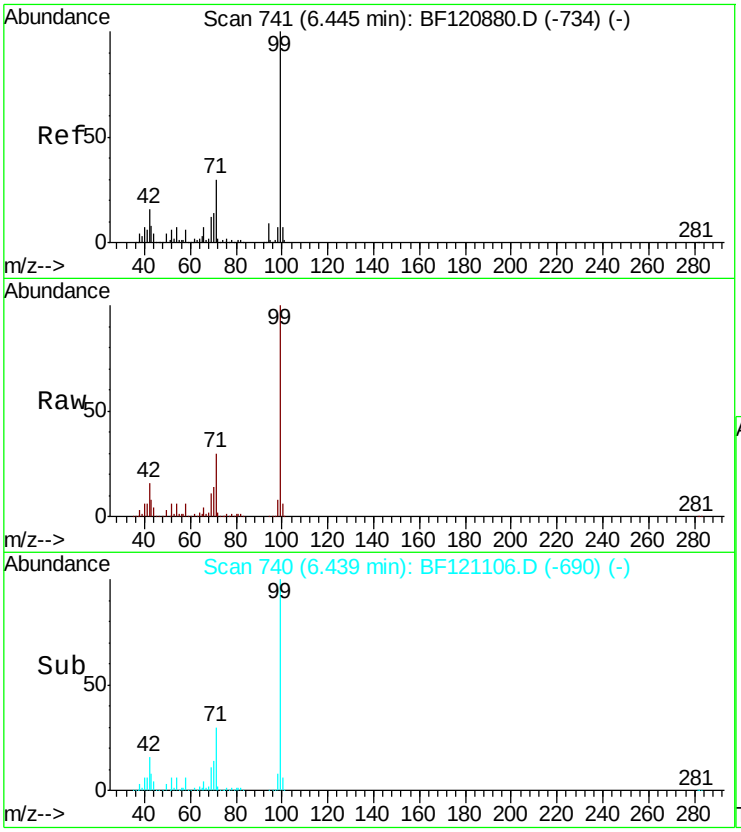


#5
2-Fluorophenol
Concen: 39.833 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:112 Resp: 390818

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.9	65.9
63	27.6	22.7	34.1



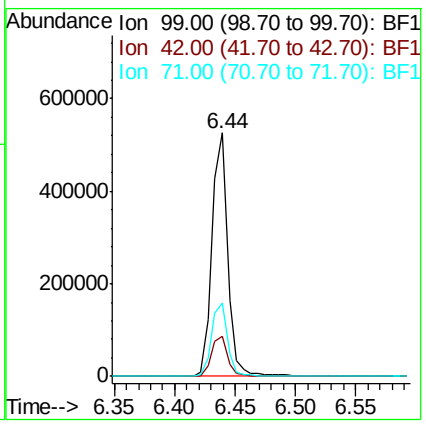


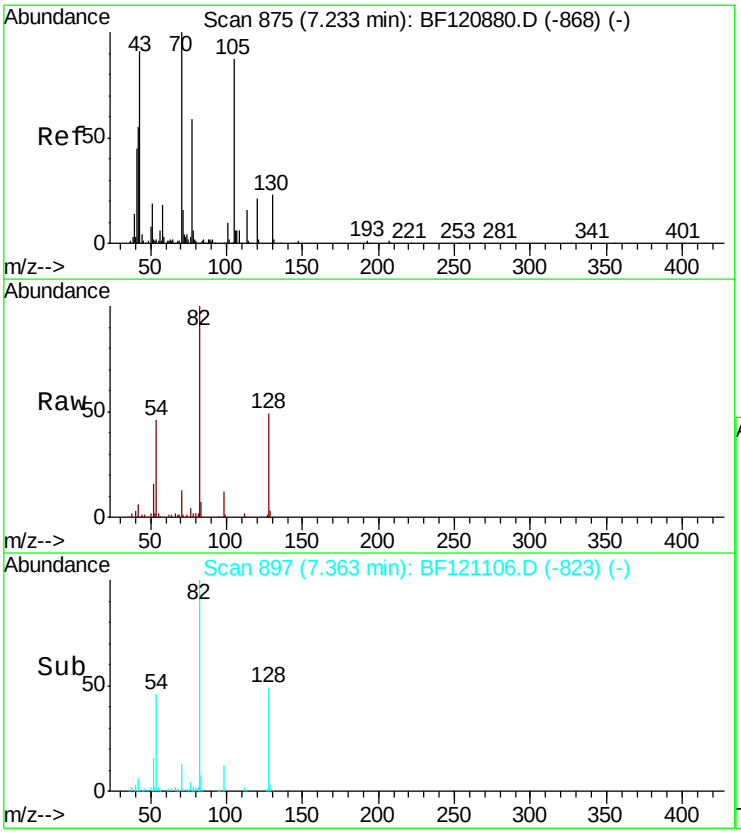
#7
Phenol-d6
Concen: 37.102 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion: 99 Resp: 470225

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	30.1	25.0	37.4

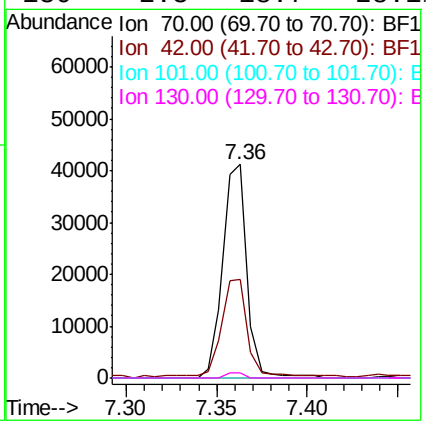


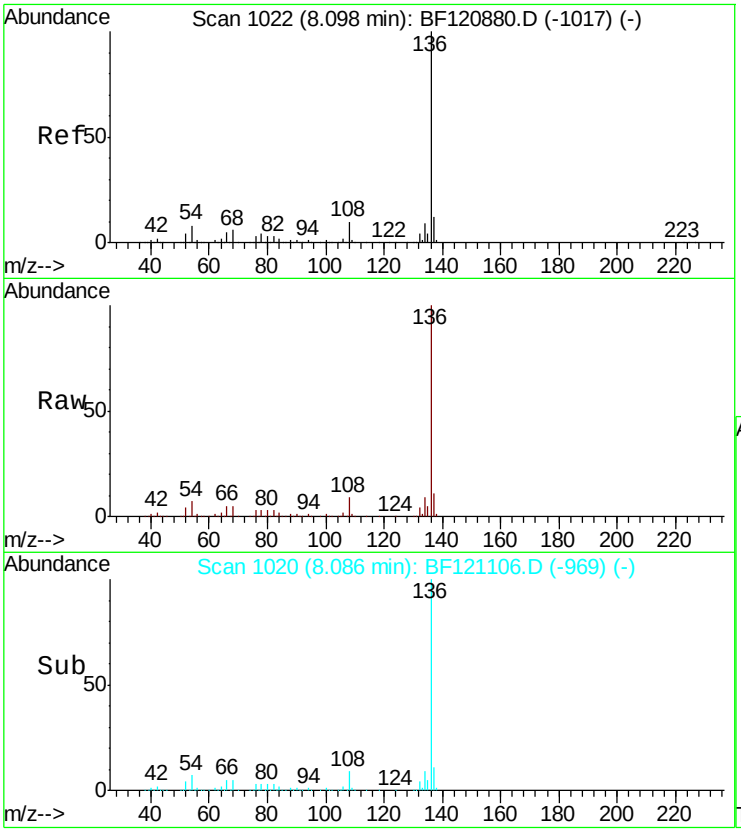


#19
n-Nitroso-di-n-propylamine
Concen: 5.344 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion: 70 Resp: 38515

Ion	Ratio	Lower	Upper
70	100		
42	46.3	43.3	64.9
101	0.0	8.4	12.6#
130	2.3	18.7	28.1#



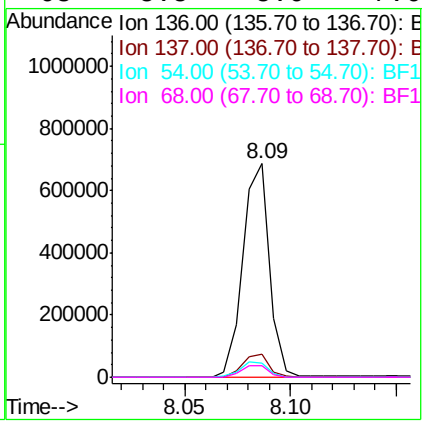


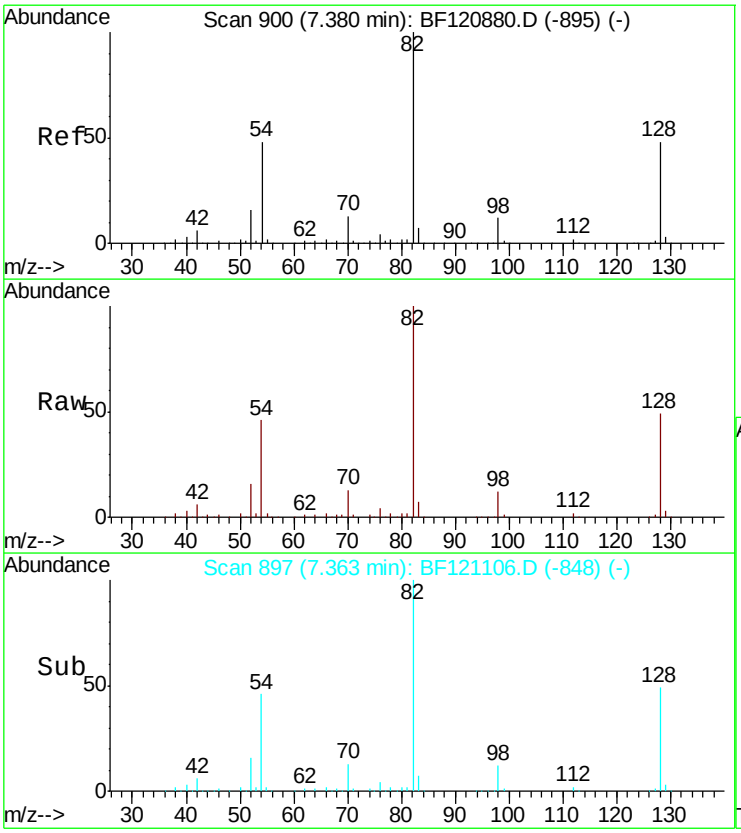
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:136 Resp: 601671

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	6.1	9.1
68	5.5	5.0	7.6

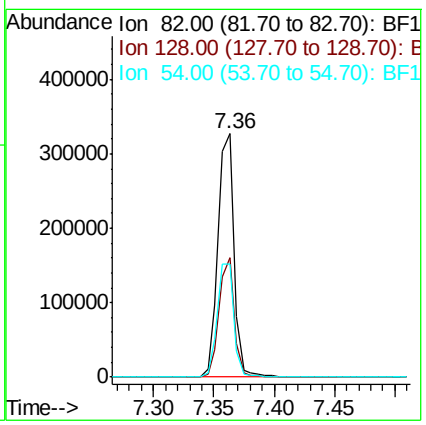


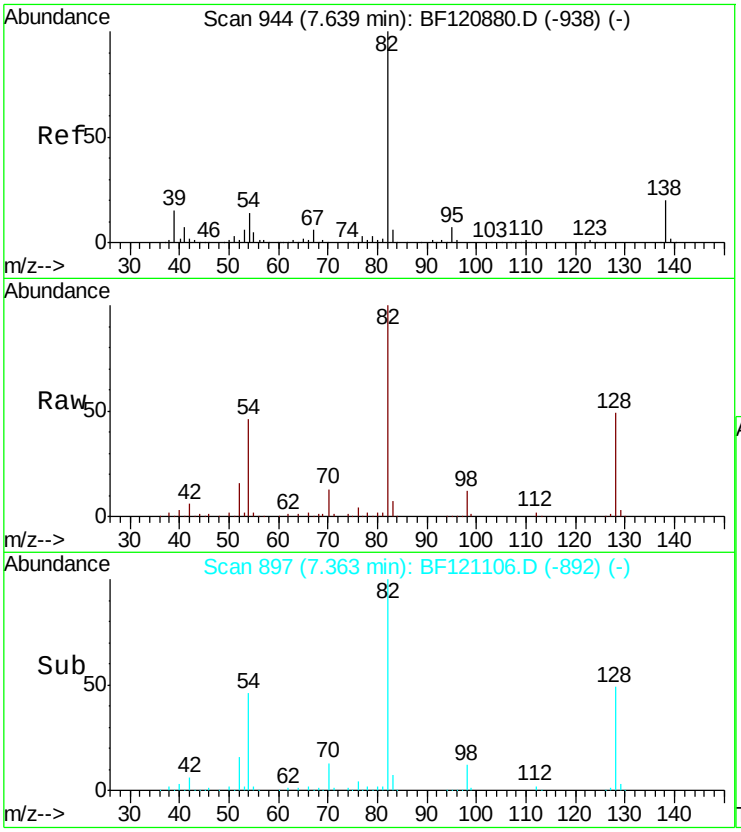


#23
Nitrobenzene-d5
Concen: 28.813 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion: 82 Resp: 299602

Ion	Ratio	Lower	Upper
82	100		
128	49.3	39.2	58.8
54	46.2	37.8	56.8



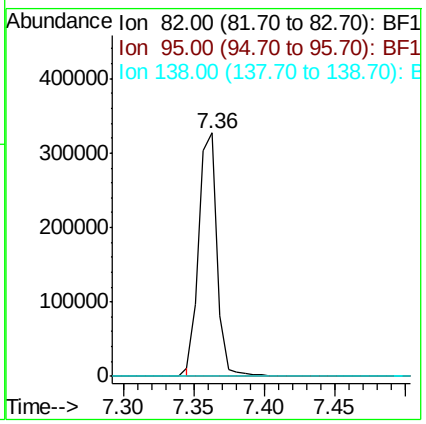


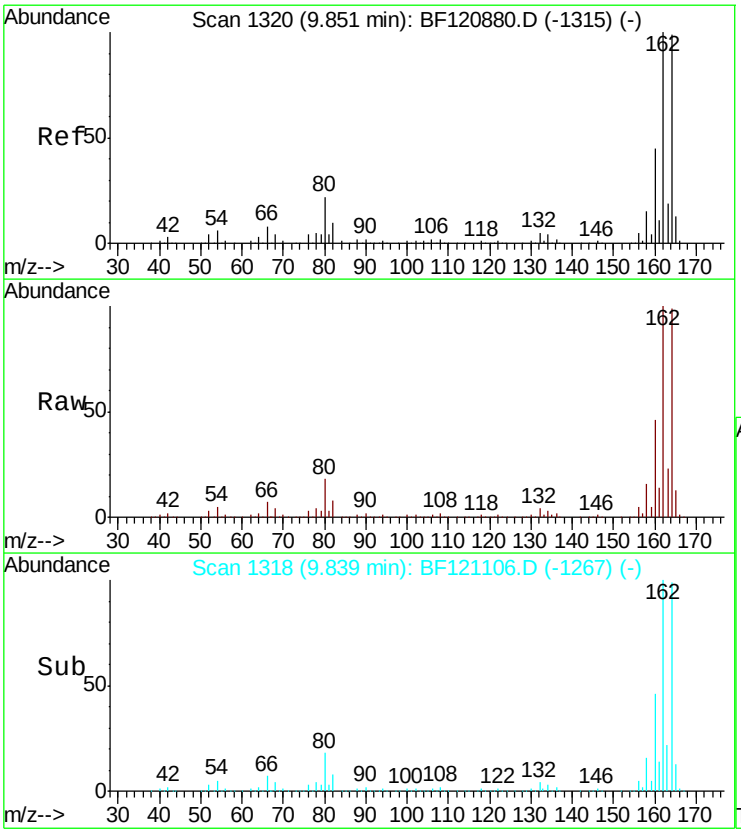
#25
Isophorone
Concen: 14.069 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion: 82 Resp: 291974

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.5	8.3#
138	0.0	16.2	24.2#

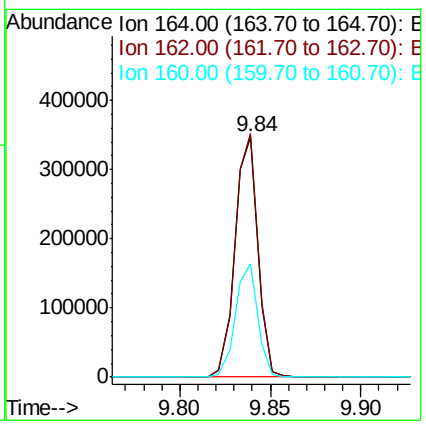


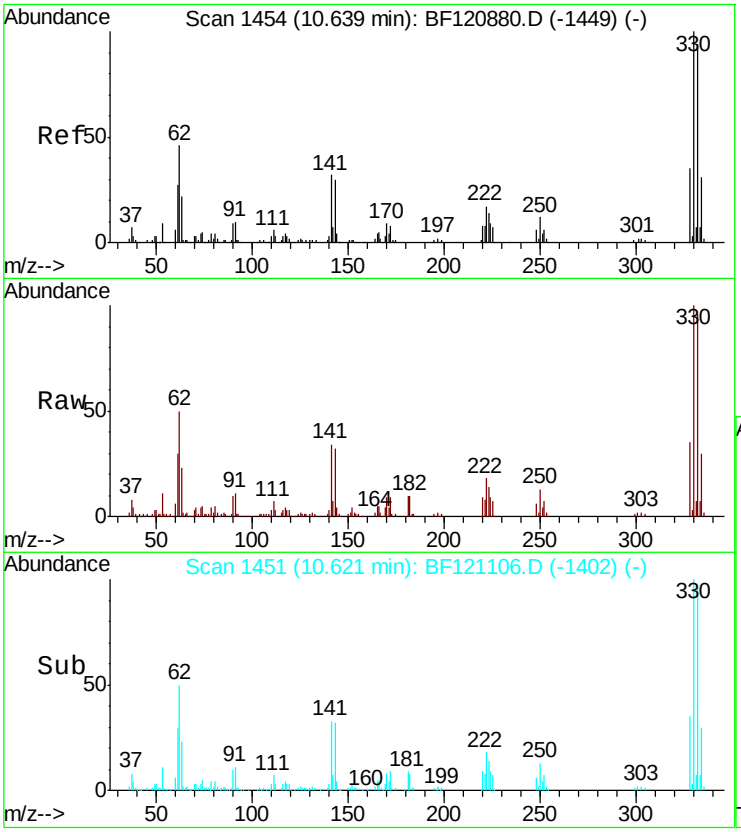


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:164 Resp: 304356

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.2	123.2
160	46.9	37.2	55.8



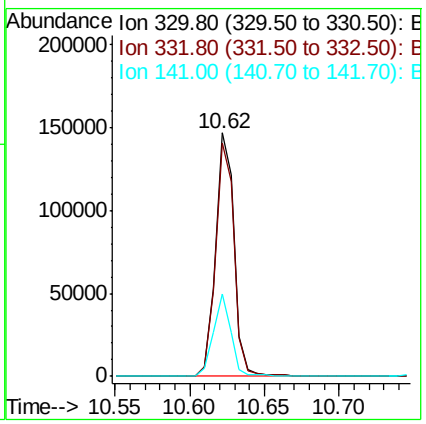


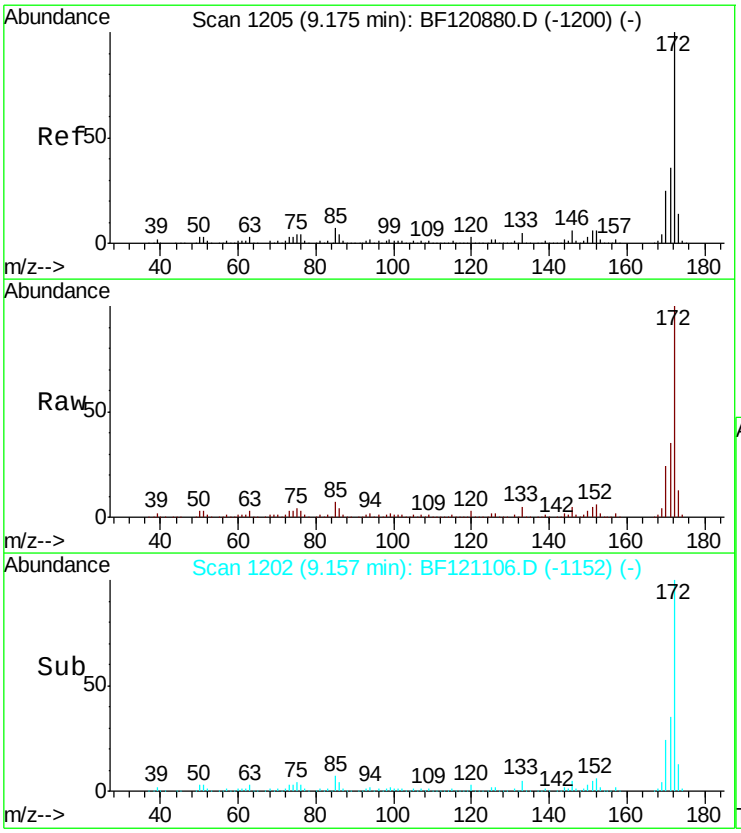
#42
2,4,6-Tribromophenol
Concen: 38.202 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:330 Resp: 127268

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	32.5	24.1	36.1

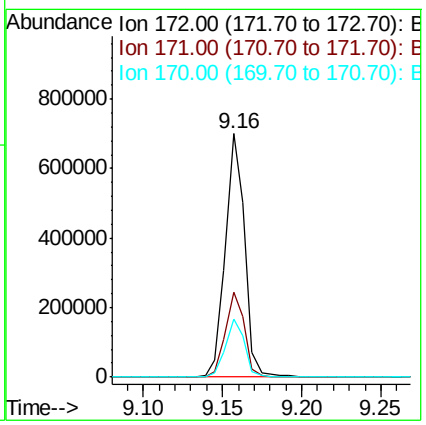


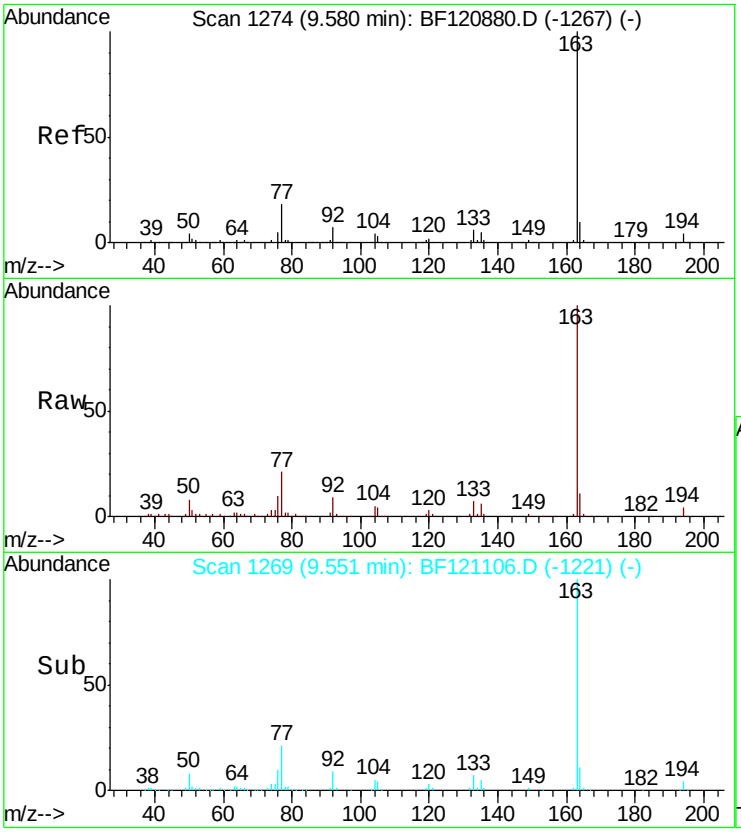


#45
2-Fluorobiphenyl
Concen: 28.880 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:172 Resp: 588708

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	24.0	19.6	29.4



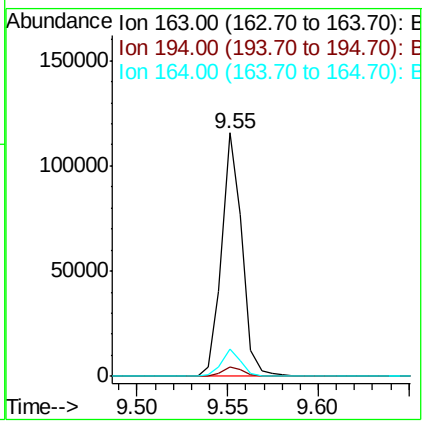


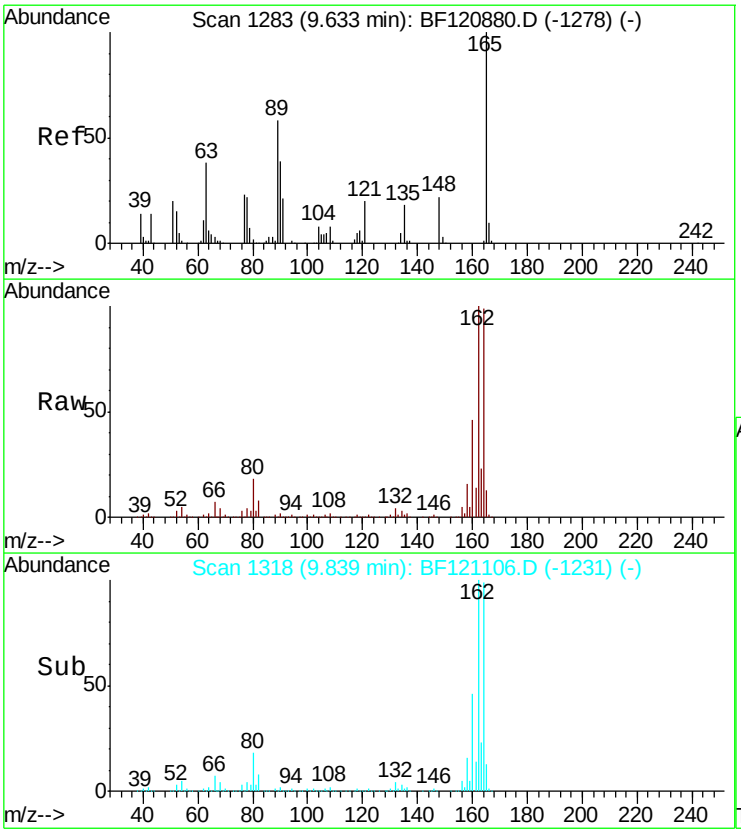
#50
Dimethylphthalate
Concen: 4.104 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:163 Resp: 90109

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	11.0	8.4	12.6

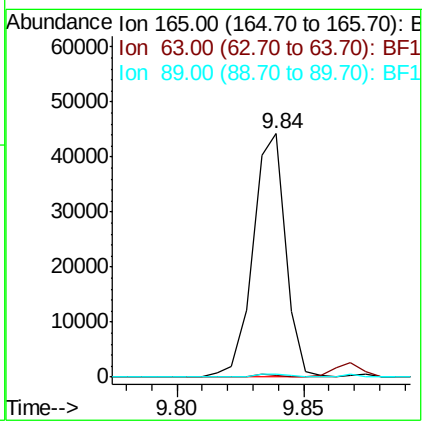


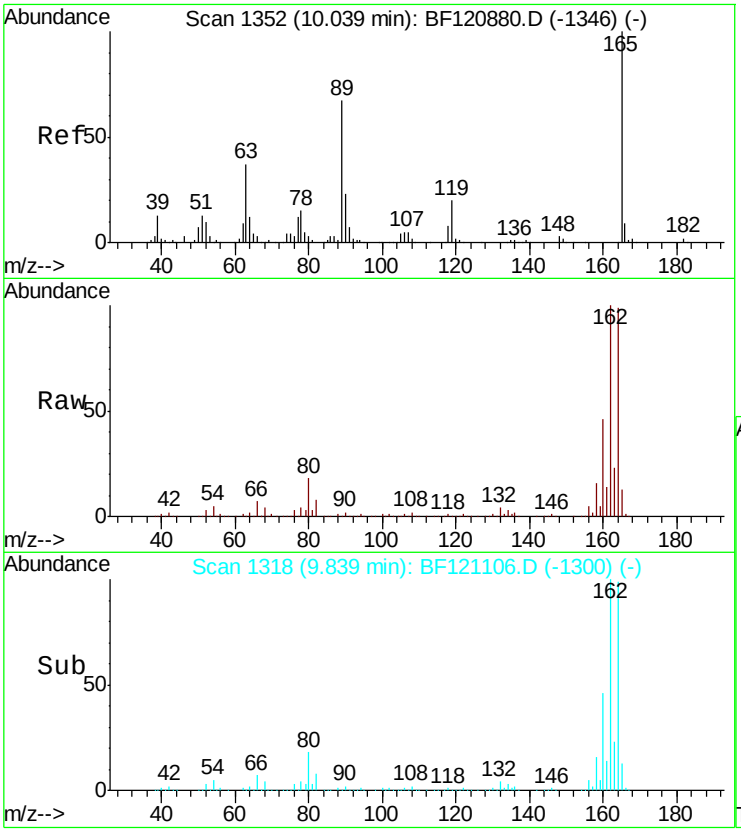


#51
2,6-Dinitrotoluene
Concen: 8.417 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:165 Resp: 39705

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.1	61.7#
89	1.2	43.5	65.3#



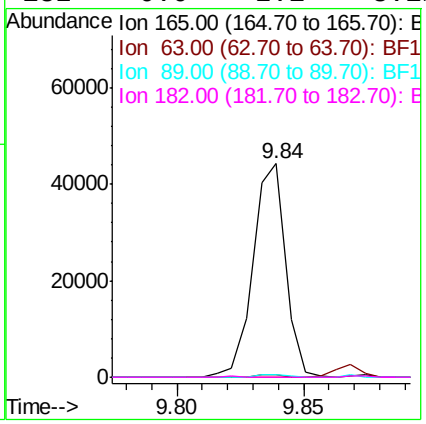


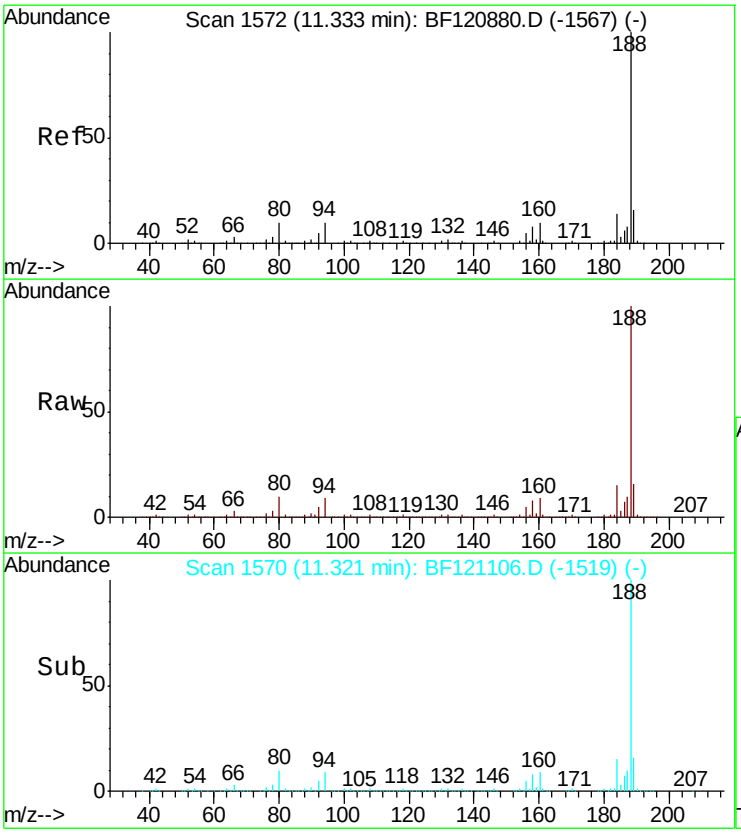
#57
2,4-Dinitrotoluene
Concen: 6.409 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:165 Resp: 39705

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.2	50.3	75.5#
182	0.0	2.1	3.1#

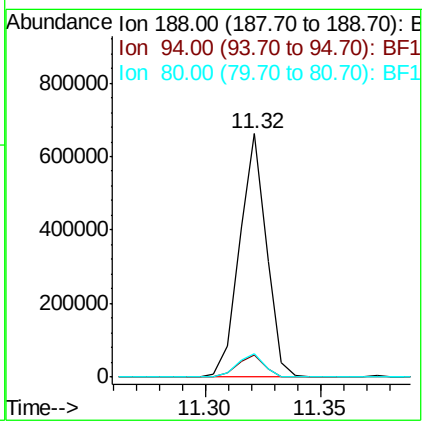


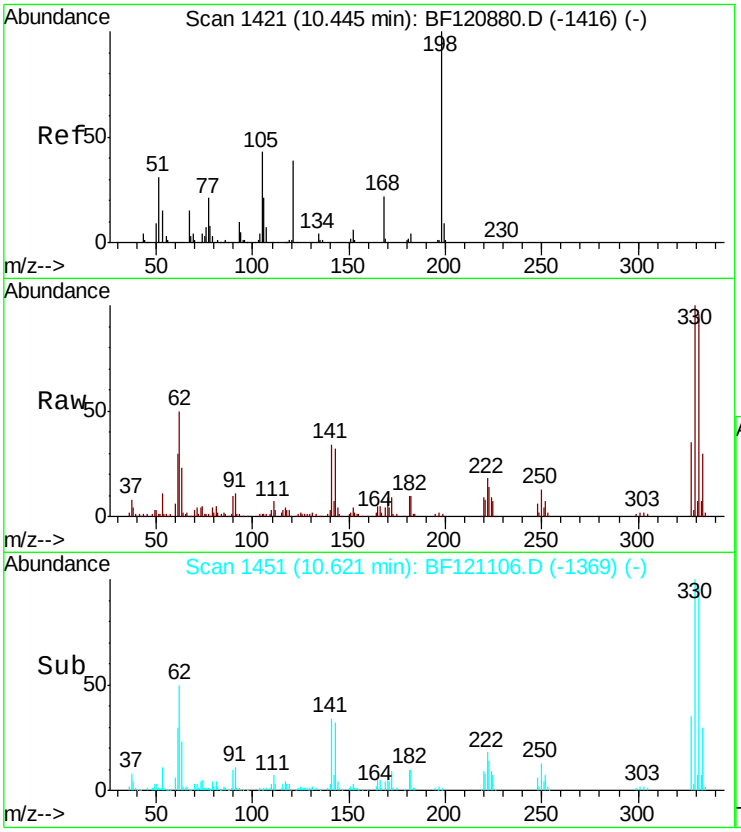


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:188 Resp: 539004

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.6	8.3	12.5



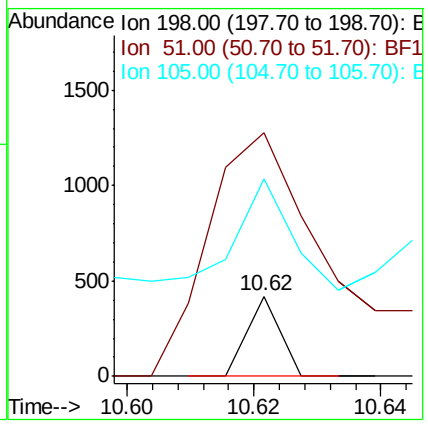


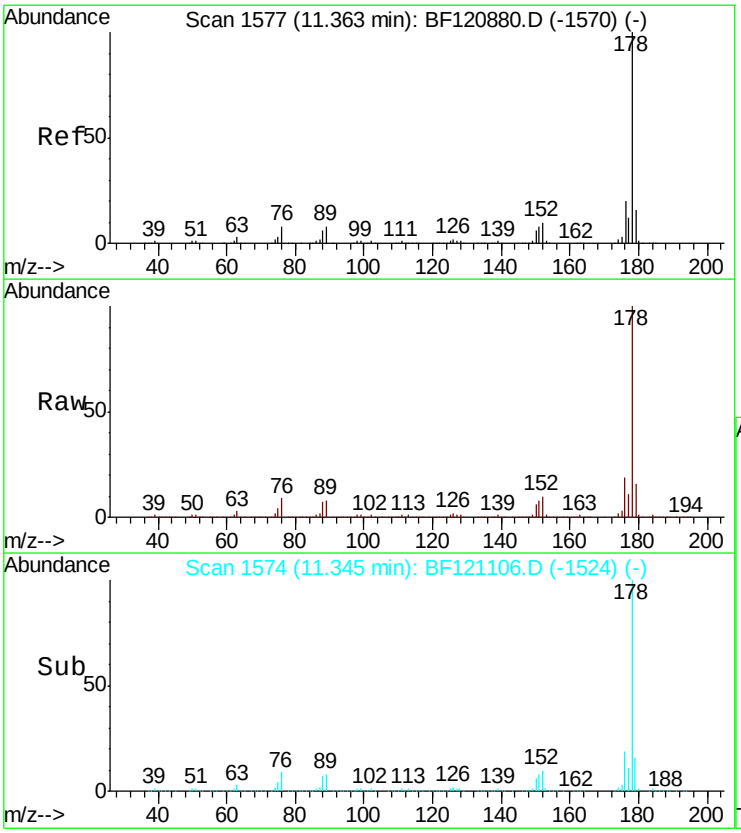
#65
4,6-Dinitro-2-methylphenol
Concen: 3.886 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:198 Resp: 148

Ion	Ratio	Lower	Upper
198	100		
51	304.5	23.4	63.4#
105	246.5	23.7	63.7#

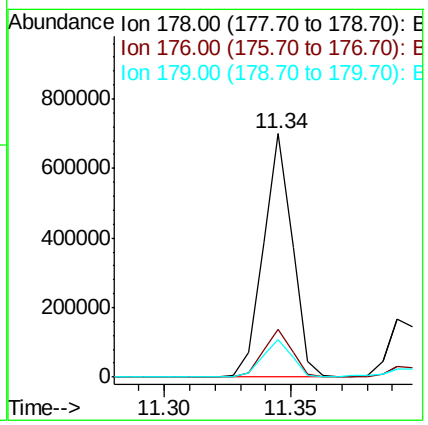


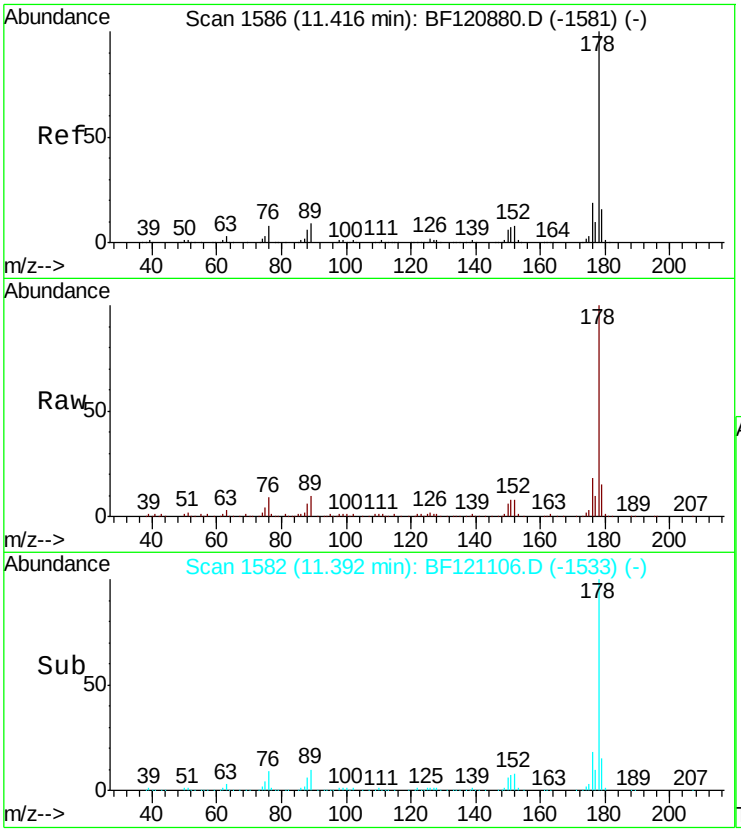


#71
Phenanthrene
Concen: 20.228 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:178 Resp: 560740

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.2
179	15.6	12.6	19.0



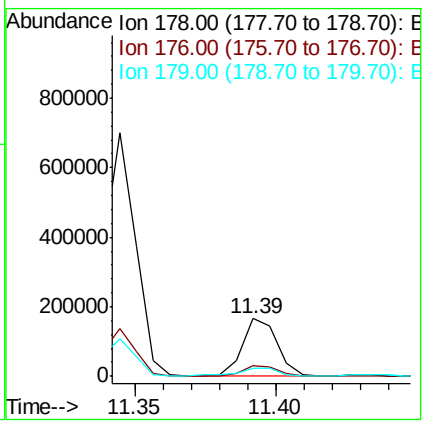


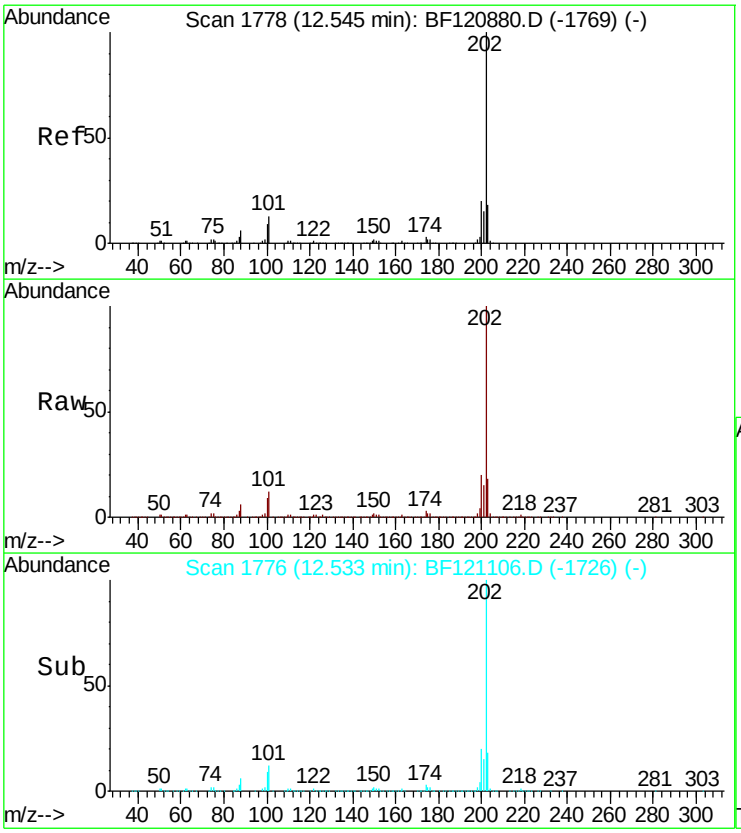
#72
Anthracene
Concen: 5.057 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:178 Resp: 140767

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.1	12.6	19.0

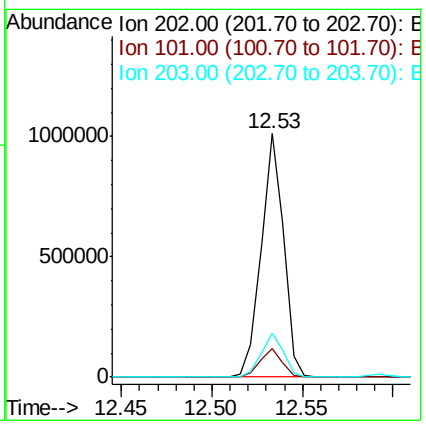


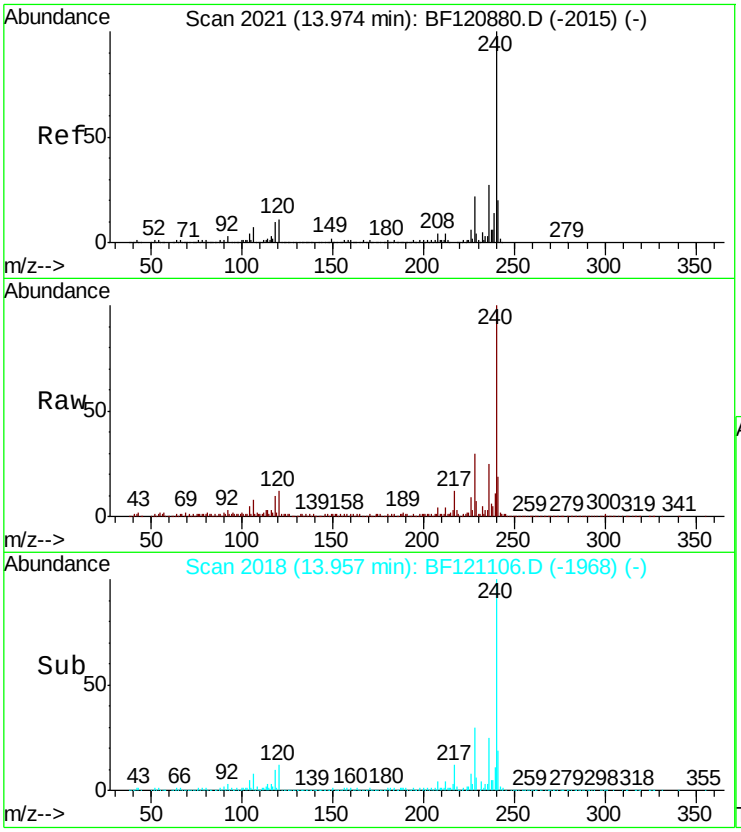


#75
Fluoranthene
Concen: 28.242 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:202 Resp: 867785

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.3	0.0	37.7



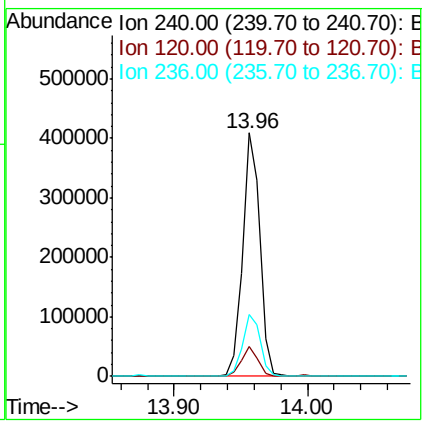


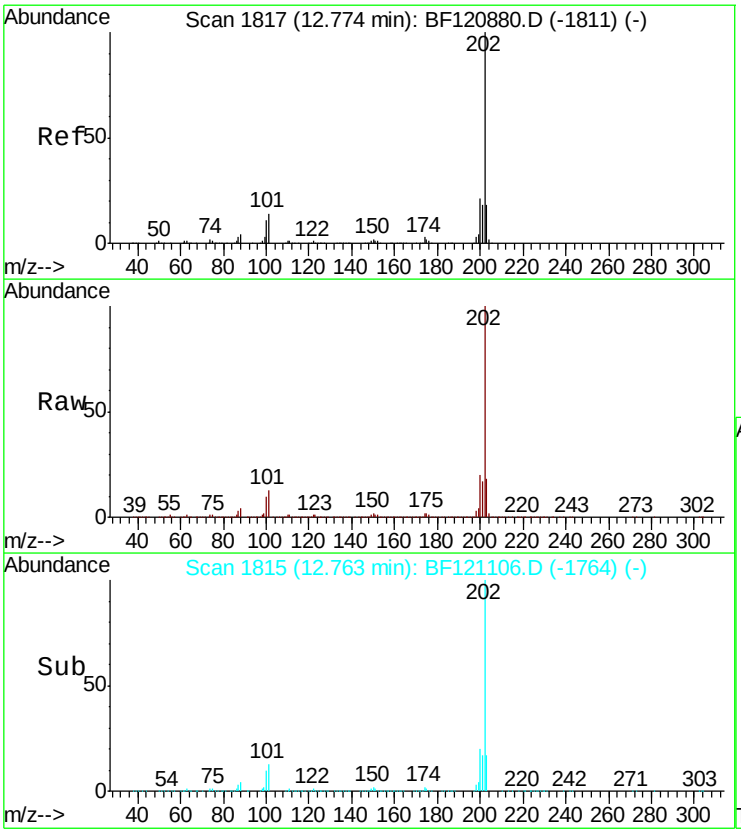
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:240 Resp: 361632

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.3	13.9
236	25.3	21.1	31.7

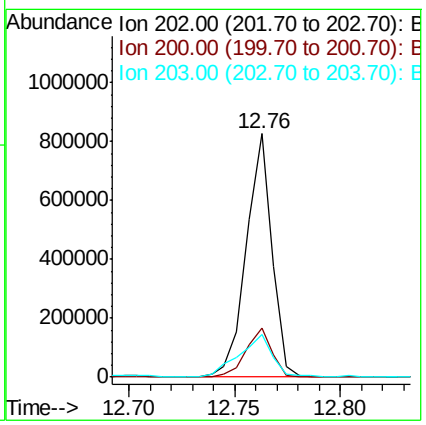


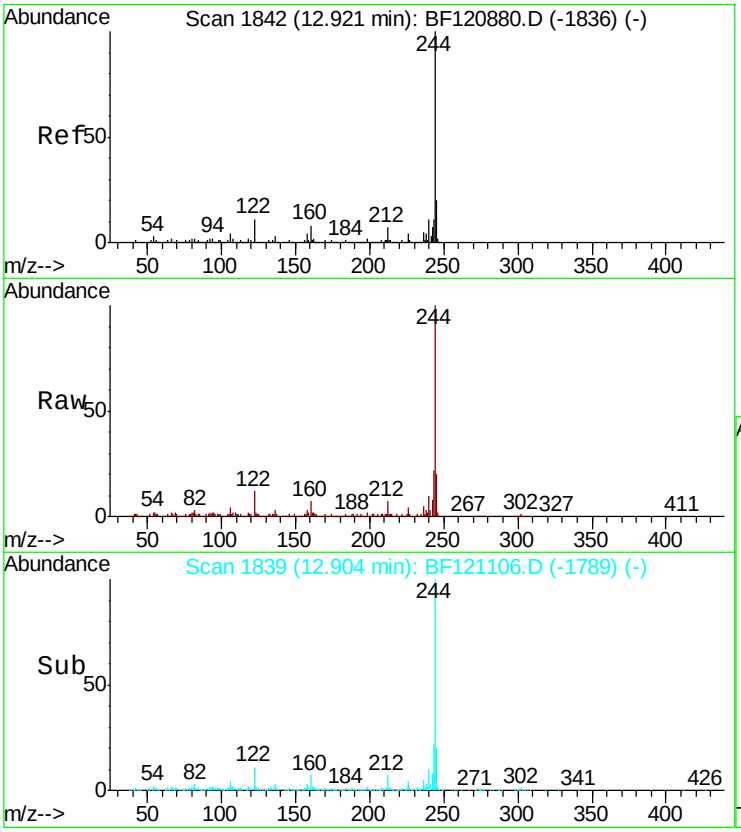


#78
Pyrene
Concen: 27.422 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:202 Resp: 701110

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	17.7	14.6	21.8



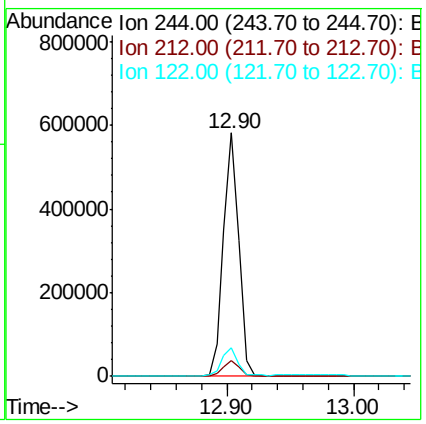


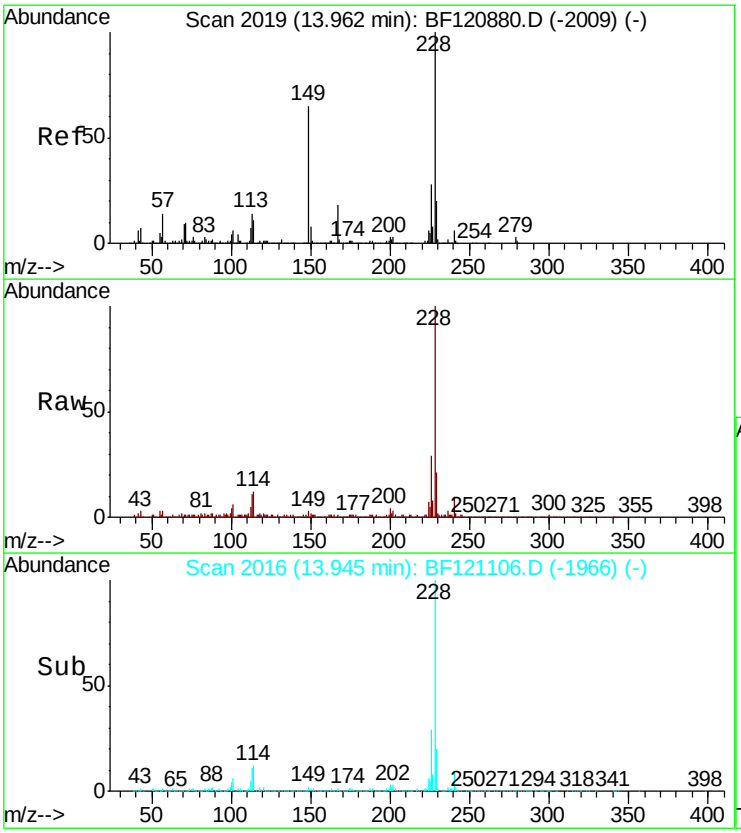
#79
Terphenyl-d14
Concen: 29.420 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:244 Resp: 489437

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.6	8.3	12.5

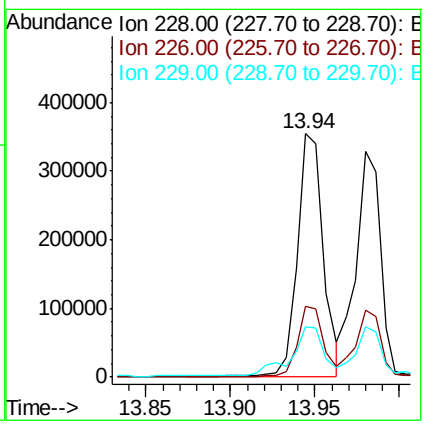


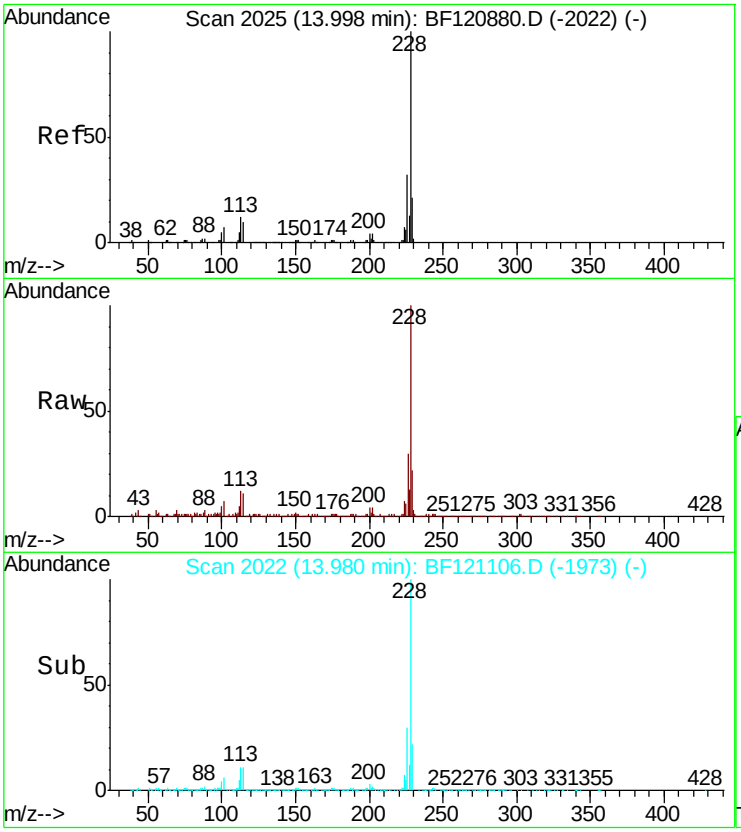


#81
Benzo(a)anthracene
Concen: 17.191 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:228 Resp: 376452

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.6	16.1	24.1



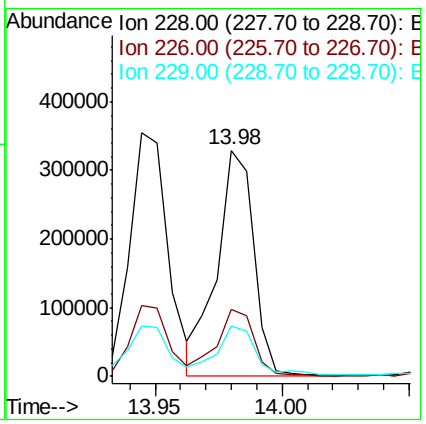


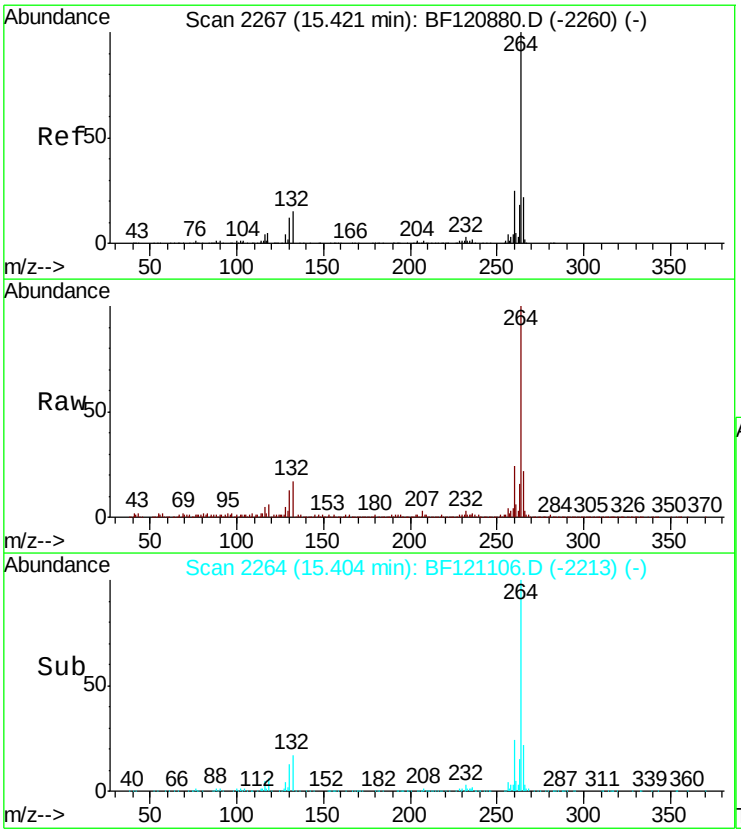
#83
Chrysene
Concen: 14.365 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:228 Resp: 330587

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	22.4	16.2	24.4

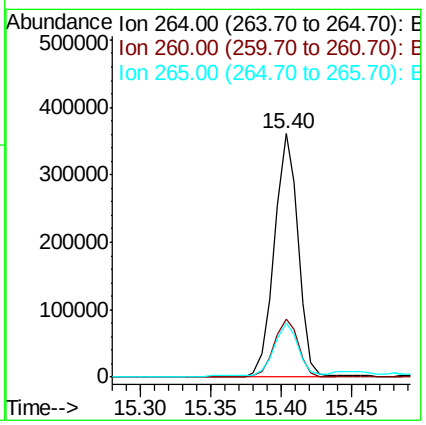


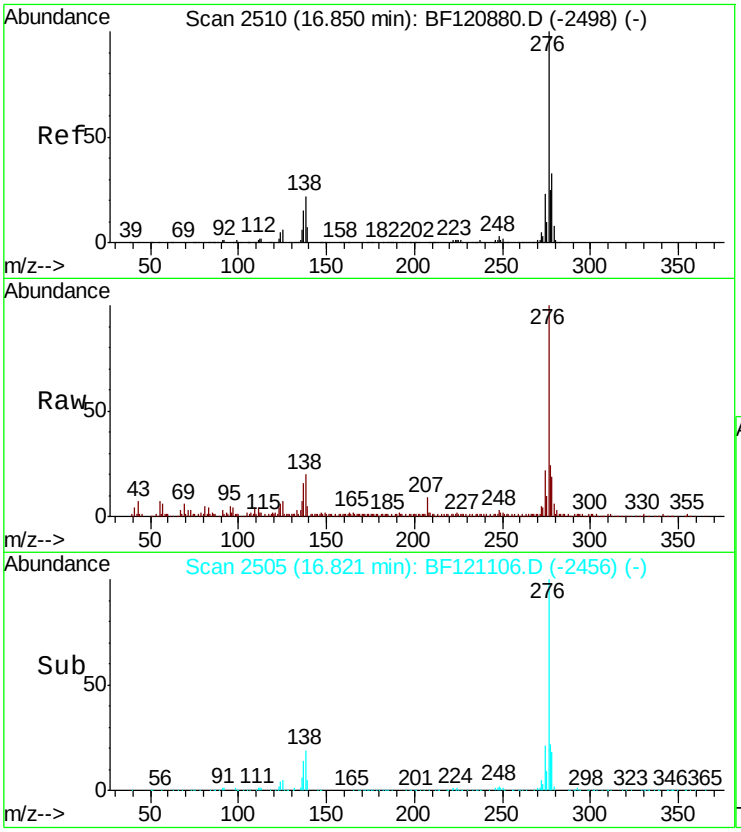


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:264 Resp: 422485

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.9	29.9
265	22.1	17.8	26.8



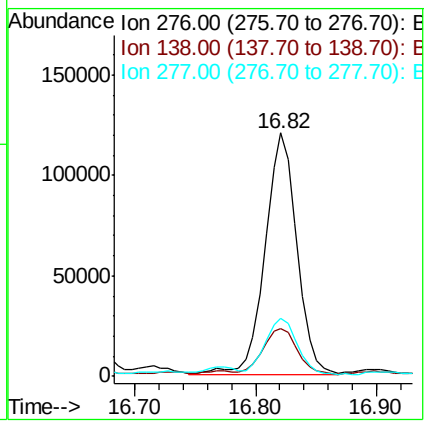


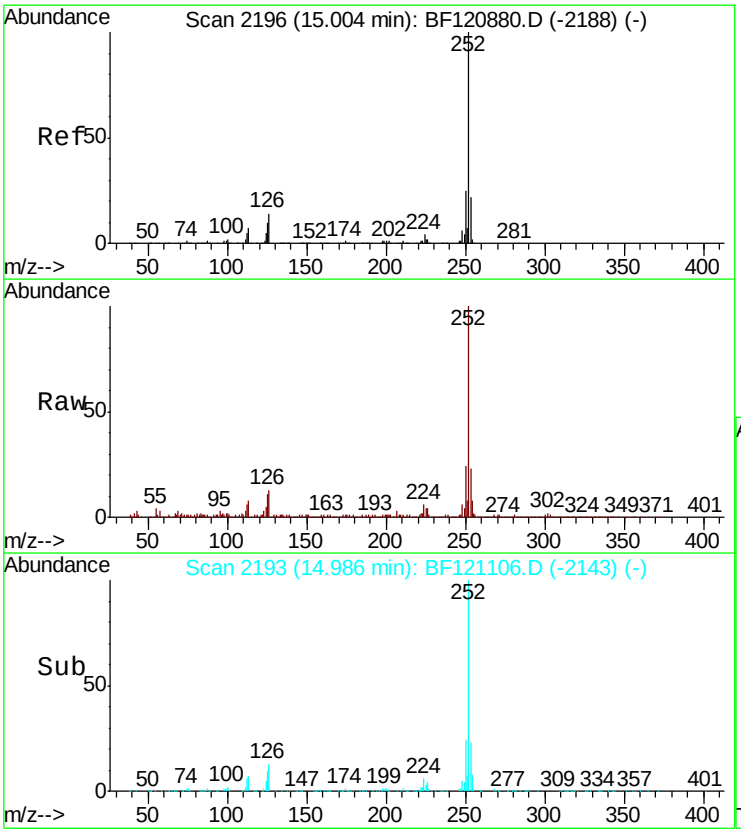
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.533 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:276 Resp: 221340

Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.3	28.9
277	23.5	20.1	30.1

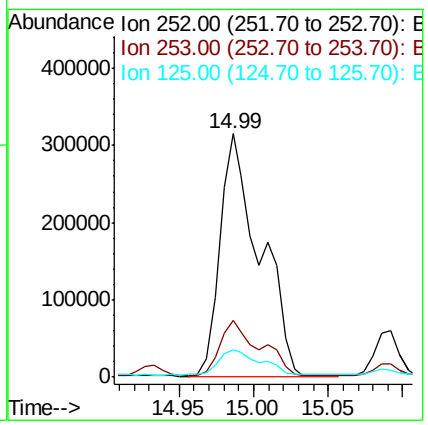


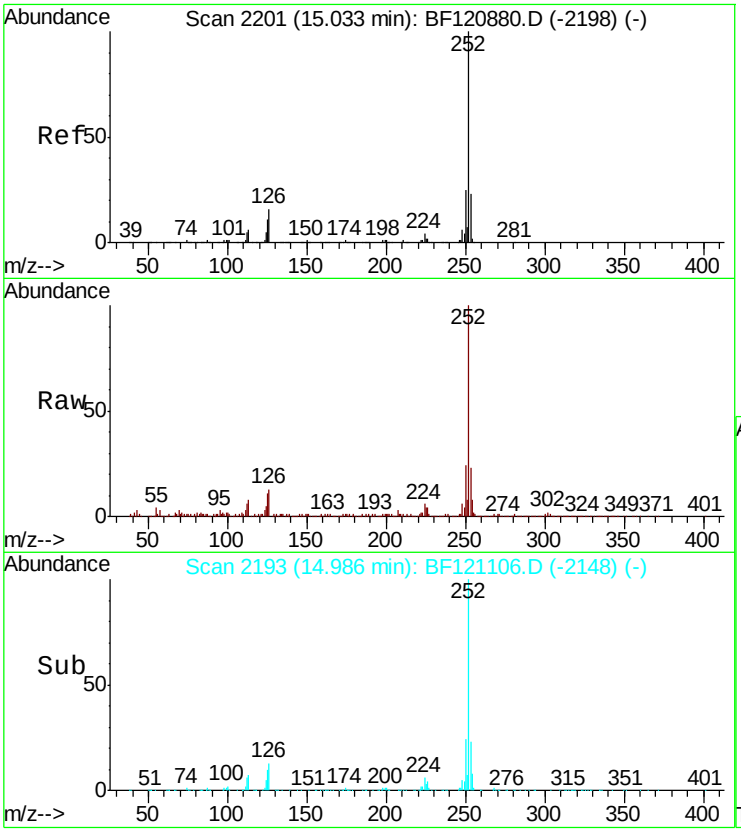


#88
Benzo(b)fluoranthene
Concen: 22.784 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:252 Resp: 581839

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.4	8.1	12.1



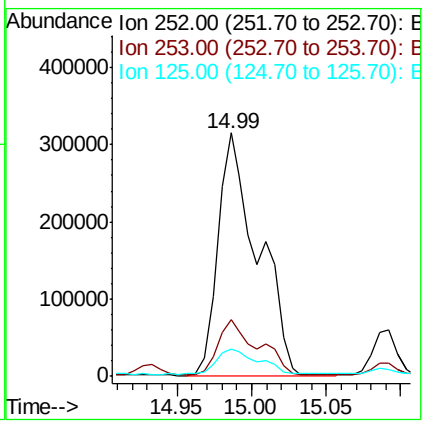


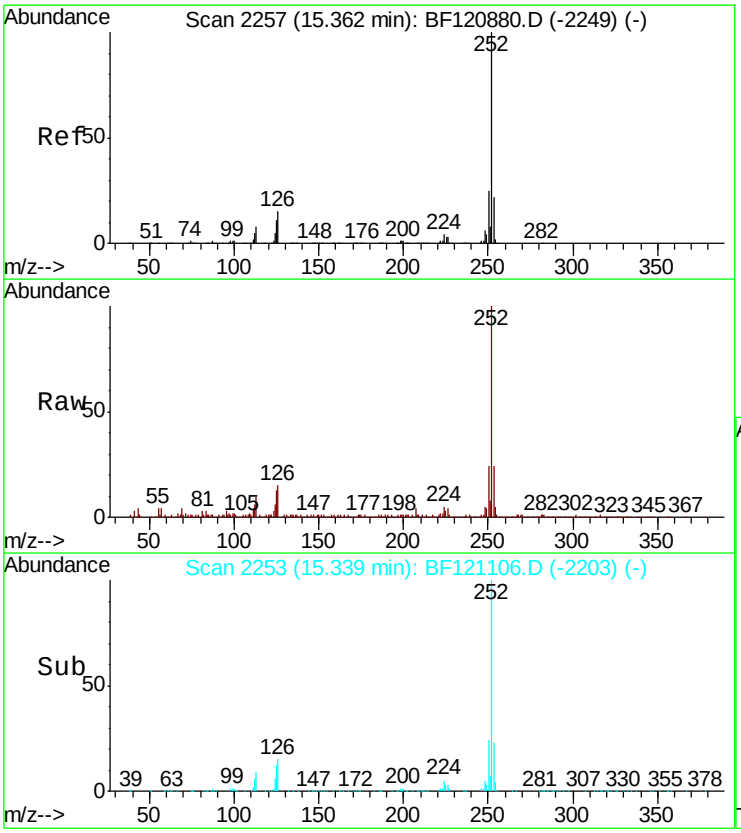
#89
Benzo(k)fluoranthene
Concen: 24.982 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:252 Resp: 581839

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	8.0	12.0

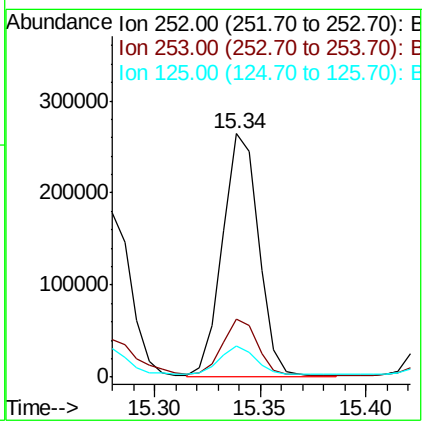


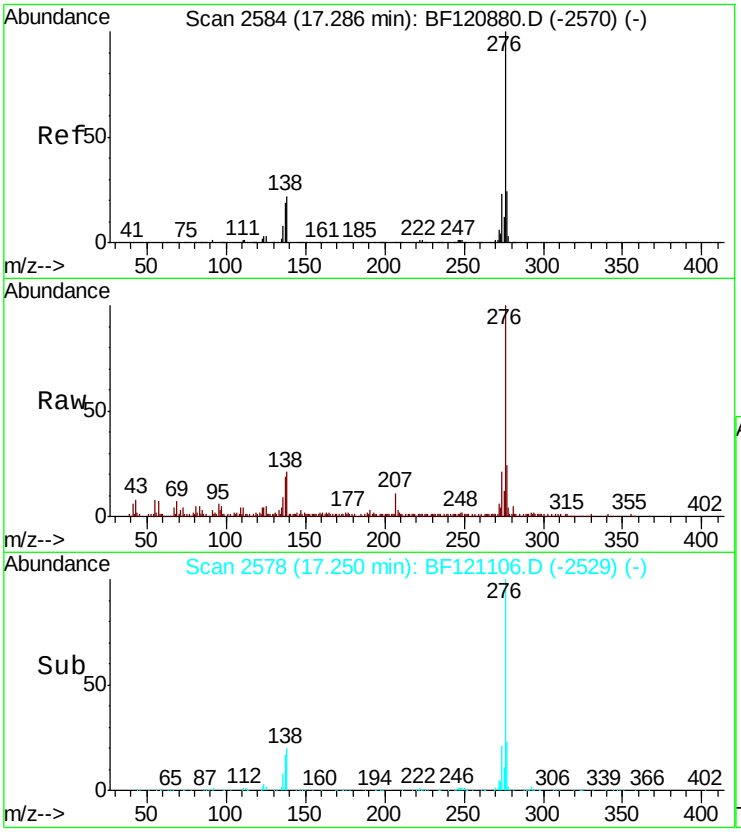


#90
Benzo(a)pyrene
Concen: 13.370 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Tgt Ion:252 Resp: 311513

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.7	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 7.847 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF121106.D
Acq: 29 Jul 2020 17:23

Instrument :
BNA_F
ClientSampleId :
PL-05-072720

Tgt Ion:276 Resp: 185705

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	21.2	17.2	25.8