Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121826.D
Acq On : 5 Oct 2020 19:49
Operator : JU/CG
Sample : L4247-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-18(11-13)

Quant Time: Oct 06 00:20:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	100812	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	385525	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	187170	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	311344	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	255222	20.00	ng		-0.01
86) Perylene-d12	15.36	264	268683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	522436	77.02	ng		0.00
7) Phenol-d6	6.40	99	654444	73.54	ng		-0.01
23) Nitrobenzene-d5	7.33	82	437390	60.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	158749	68.24	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	666576	53.94	ng		-0.01
79) Terphenyl-d14	12.86	244	543551	43.15	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	57477	11.206	ng	#	78
25) Isophorone	7.33	82	437384	30.260	ng	#	67
50) Dimethylphthalate	9.52	163	78360	5.776	ng		99
51) 2,6-Dinitrotoluene	9.80	165	23169	8.020	ng	#	20
57) 2,4-Dinitrotoluene	9.80	165	23169	6.375	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.59	198	134	6.912	ng	#	1
67) 4-Bromophenyl-phenylether	10.59	248	9509	2.683	ng	#	1
71) Phenanthrene	11.30	178	120571	7.108	ng		97
75) Fluoranthene	12.49	202	177999	9.830	ng		99
78) Pyrene	12.72	202	155765	8.353	ng		98
81) Benzo(a)anthracene	13.91	228	87617	5.426	ng		99
83) Chrysene	13.94	228	76411	4.673	ng		97
87) Indeno(1,2,3-cd)pyrene	16.76	276	44953	2.569	ng		98
88) Benzo(b)fluoranthene	14.94	252	133727	7.445	ng	#	95
89) Benzo(k)fluoranthene	14.94	252	133727	8.130	ng	#	94
90) Benzo(a)pyrene	15.29	252	74534	4.882	ng	#	94
92) Benzo(g,h,i)perylene	17.19	276	43451	3.035	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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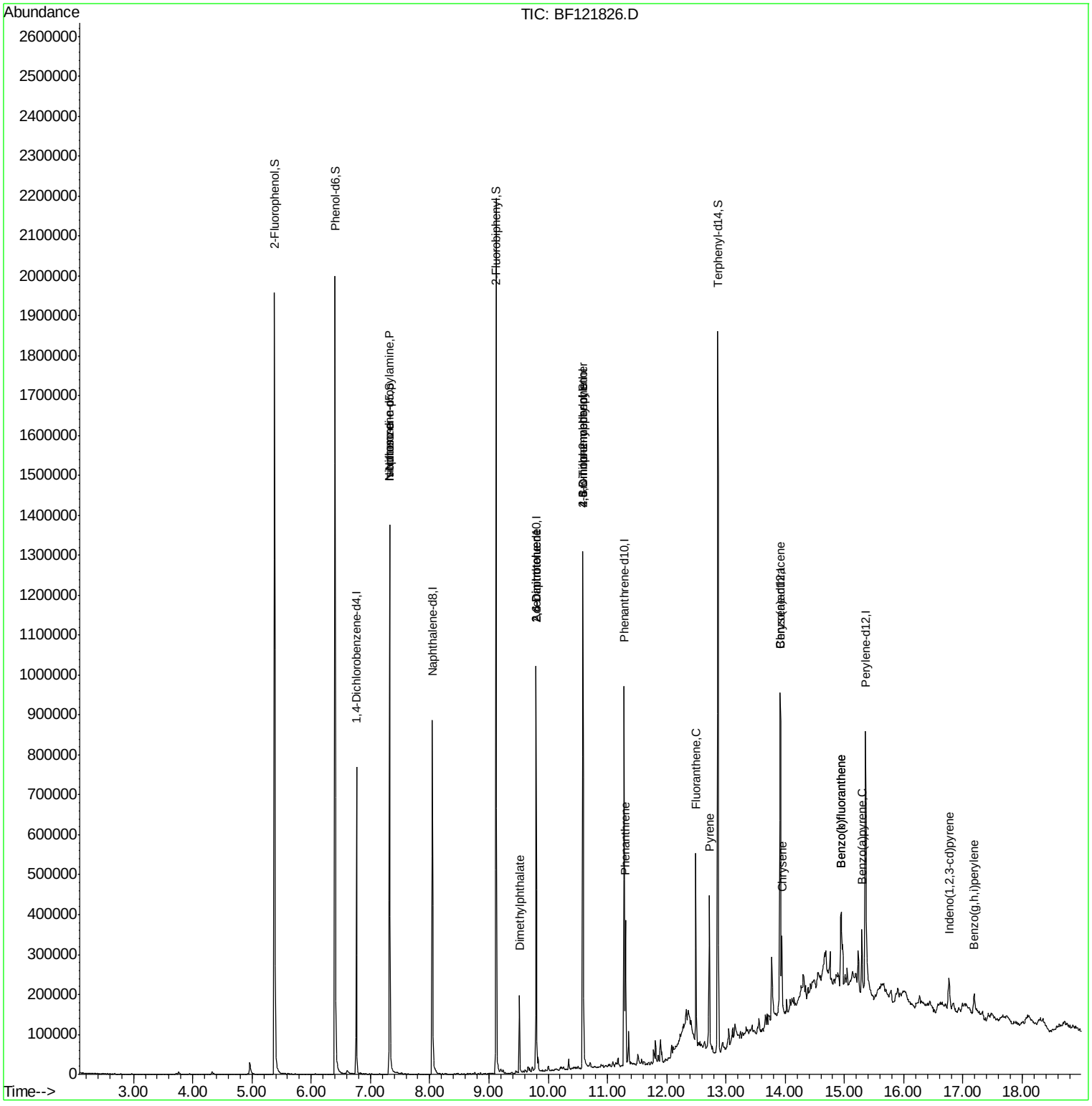
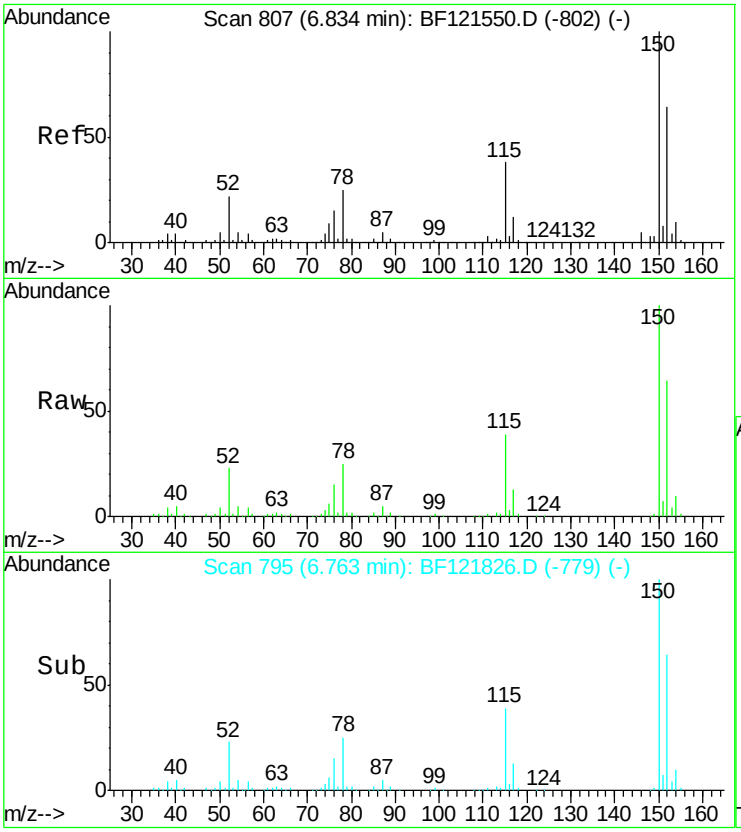


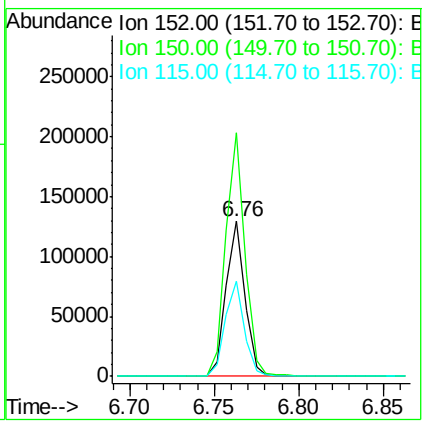


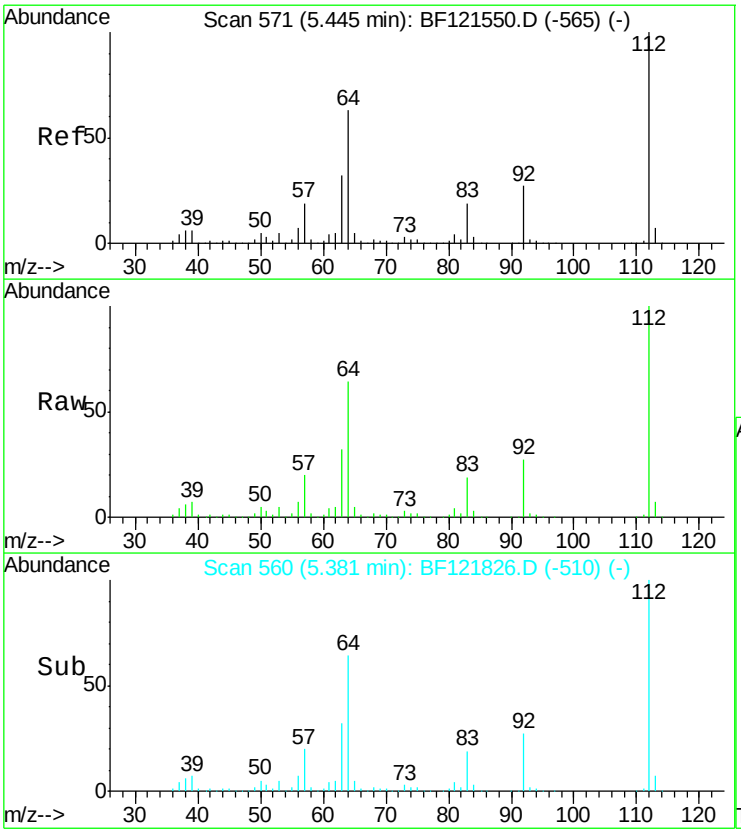
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:152 Resp: 100812

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.3	187.9
115	61.2	51.9	77.9

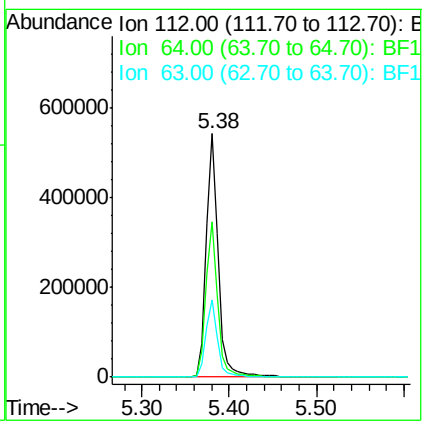


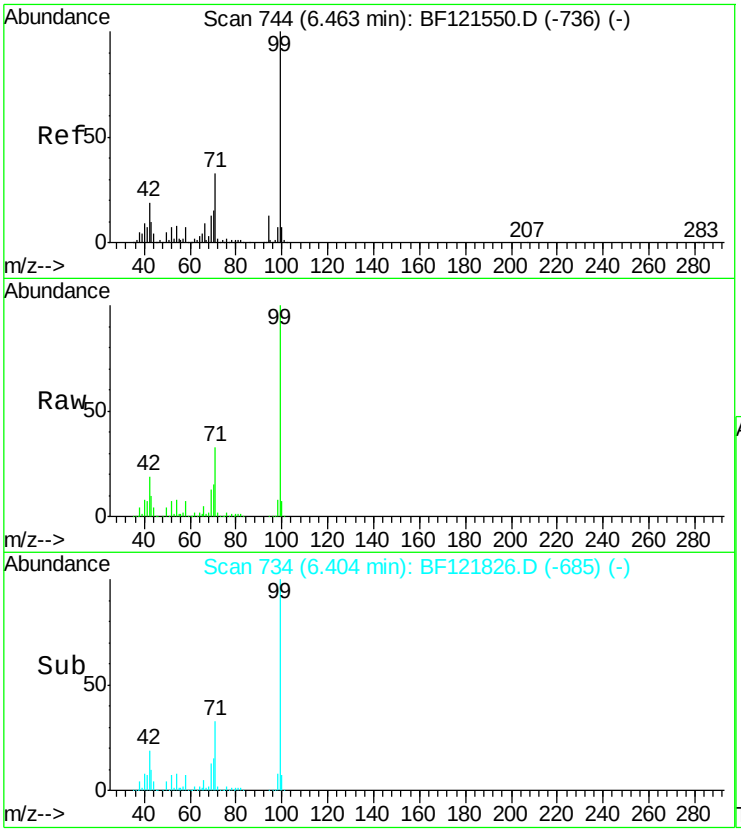


#5
2-Fluorophenol
Concen: 77.015 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:112 Resp: 522436

Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.4	75.6
63	31.8	25.8	38.6



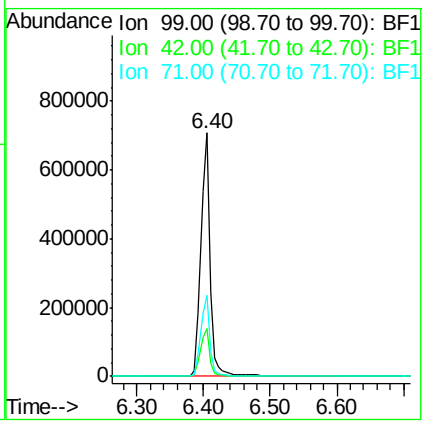


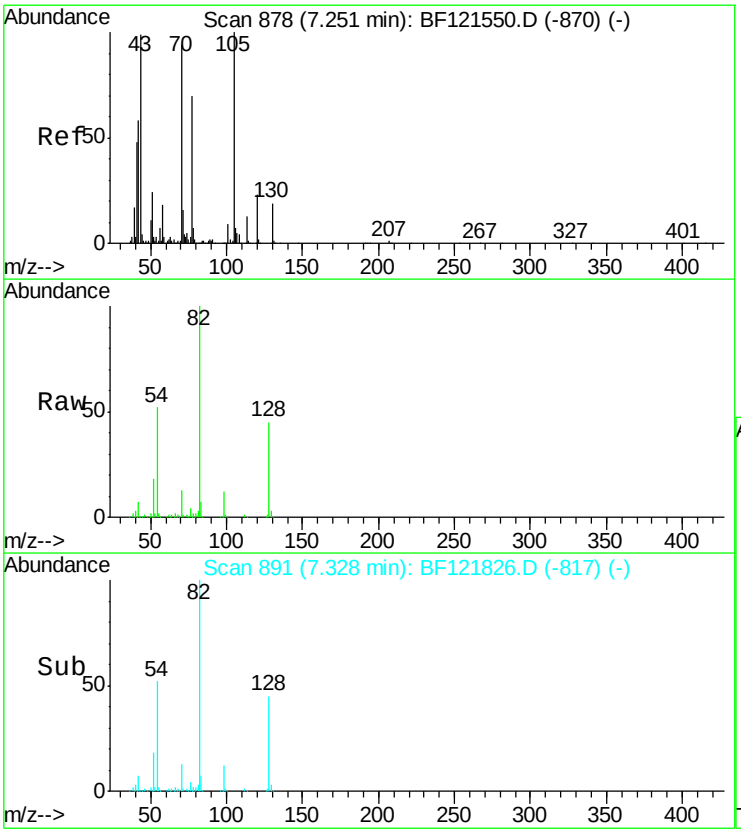
#7
Phenol-d6
Concen: 73.536 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion: 99 Resp: 654444

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.9	23.9
71	33.2	27.1	40.7

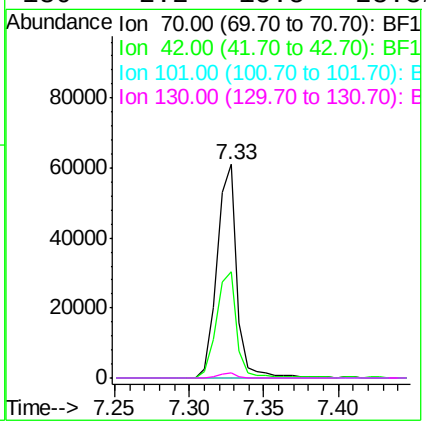


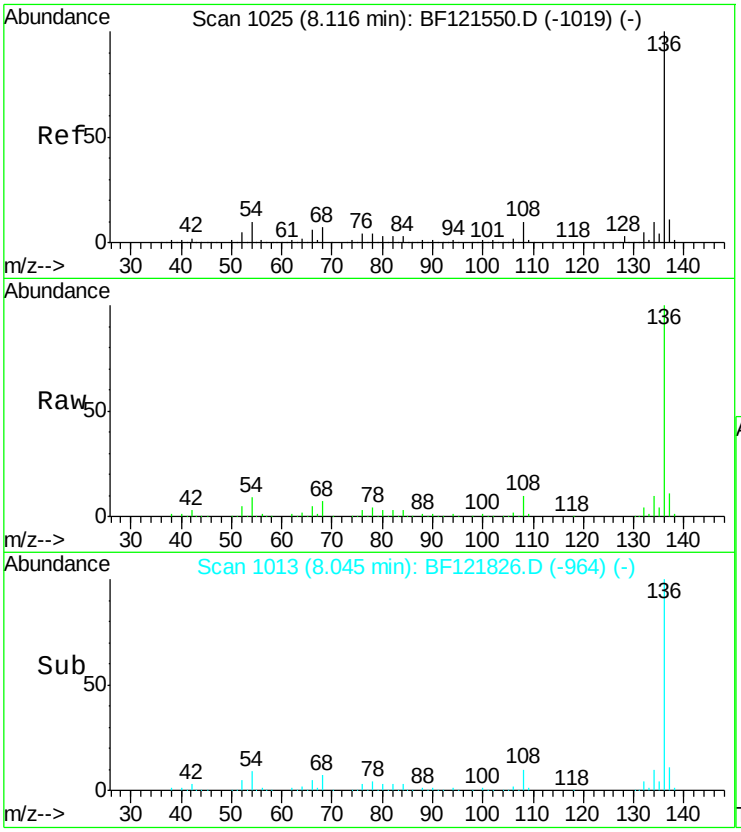


#19
n-Nitroso-di-n-propylamine
Concen: 11.206 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.14 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion: 70 Resp: 57477

Ion	Ratio	Lower	Upper
70	100		
42	49.9	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#



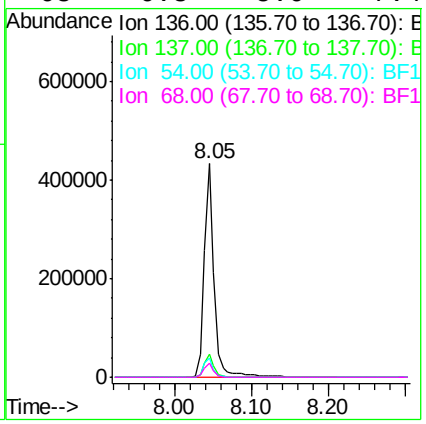


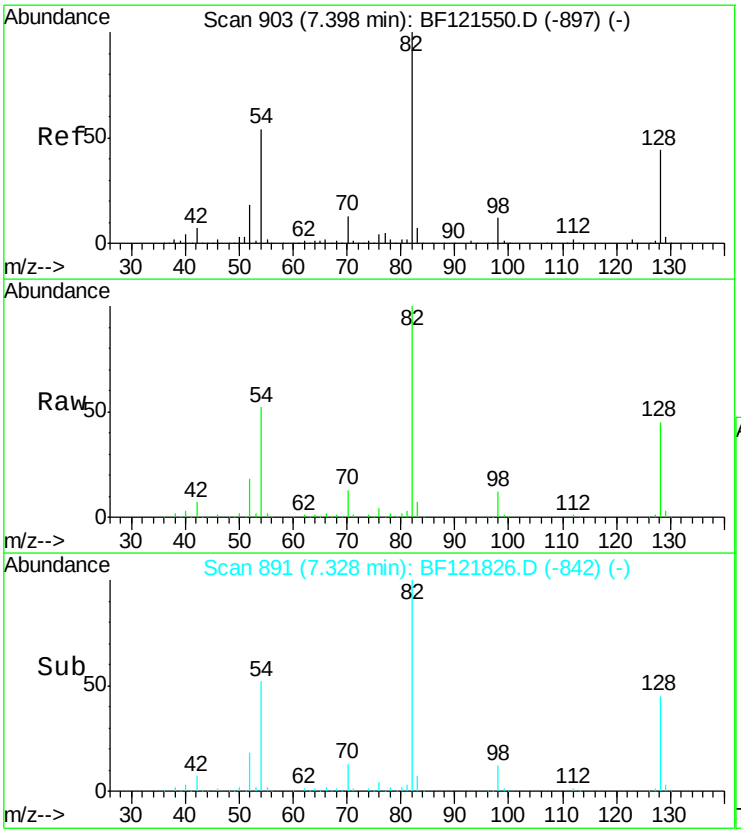
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:136 Resp: 385525

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	7.1	10.7
68	6.8	5.0	7.4

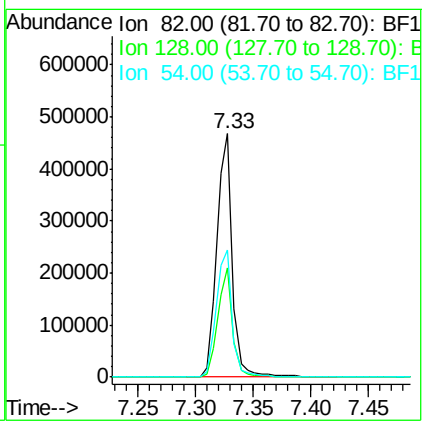


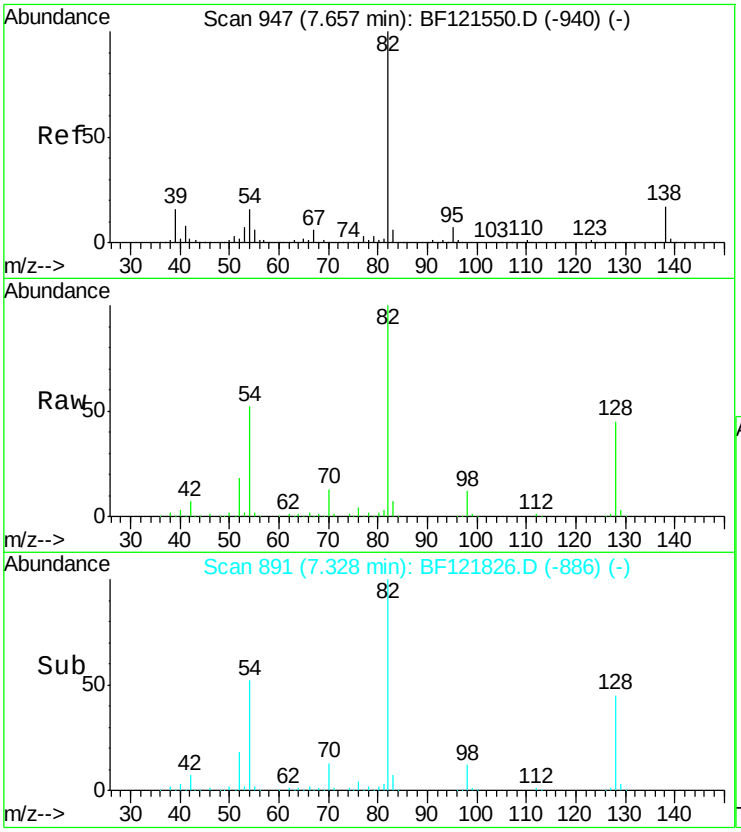


#23
Nitrobenzene-d5
Concen: 60.915 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion: 82 Resp: 437390

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.4
54	52.4	43.9	65.9



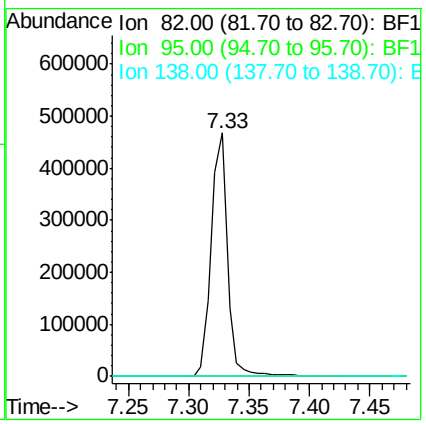


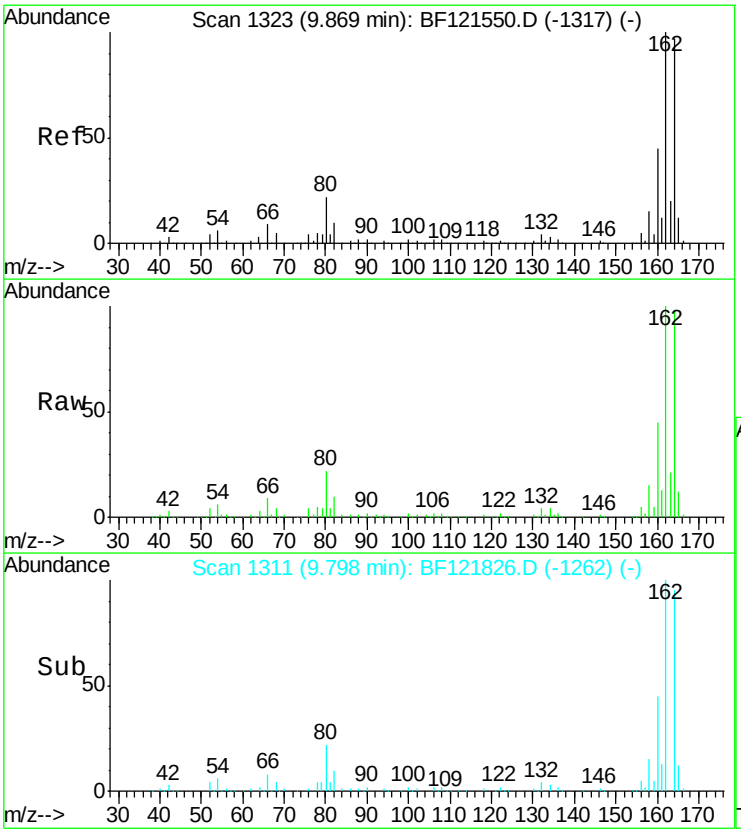
#25
Isophorone
Concen: 30.260 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion: 82 Resp: 437384

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

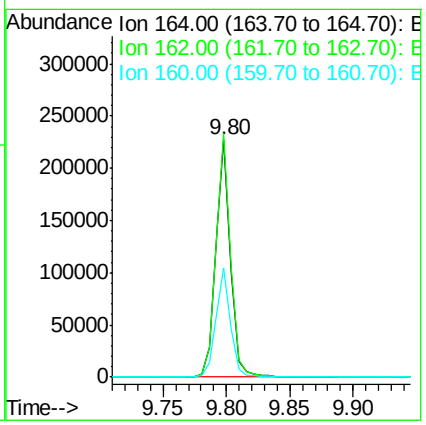


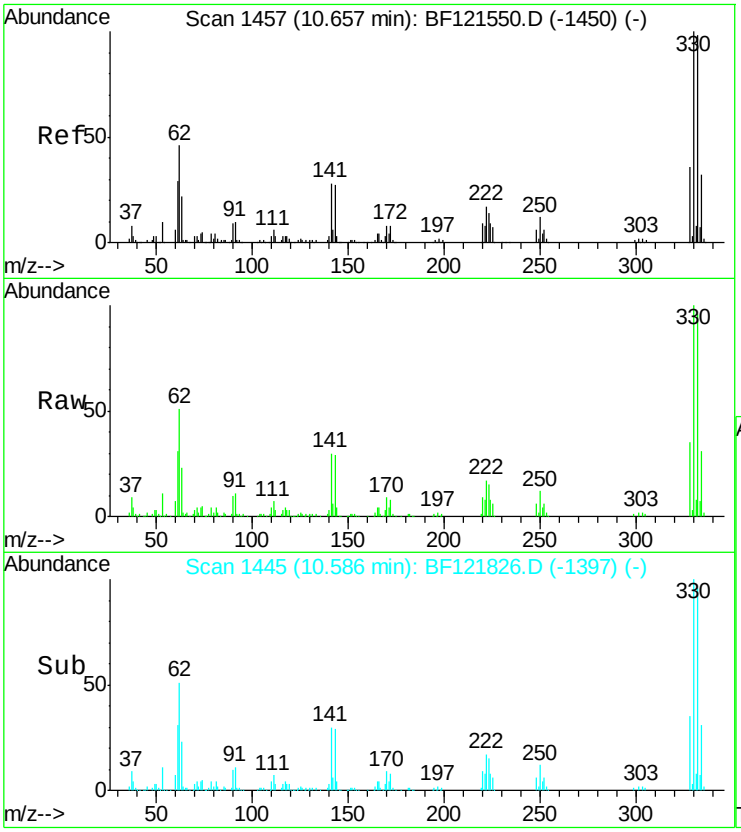


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:164 Resp: 187170

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.2	124.8
160	45.7	37.5	56.3



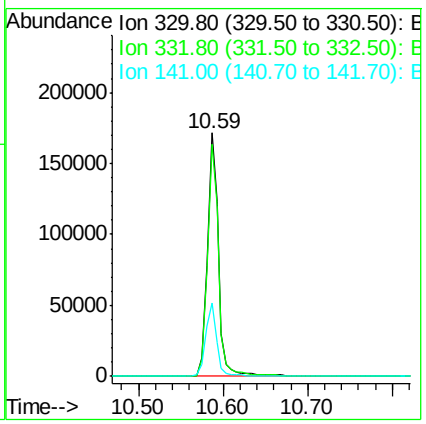


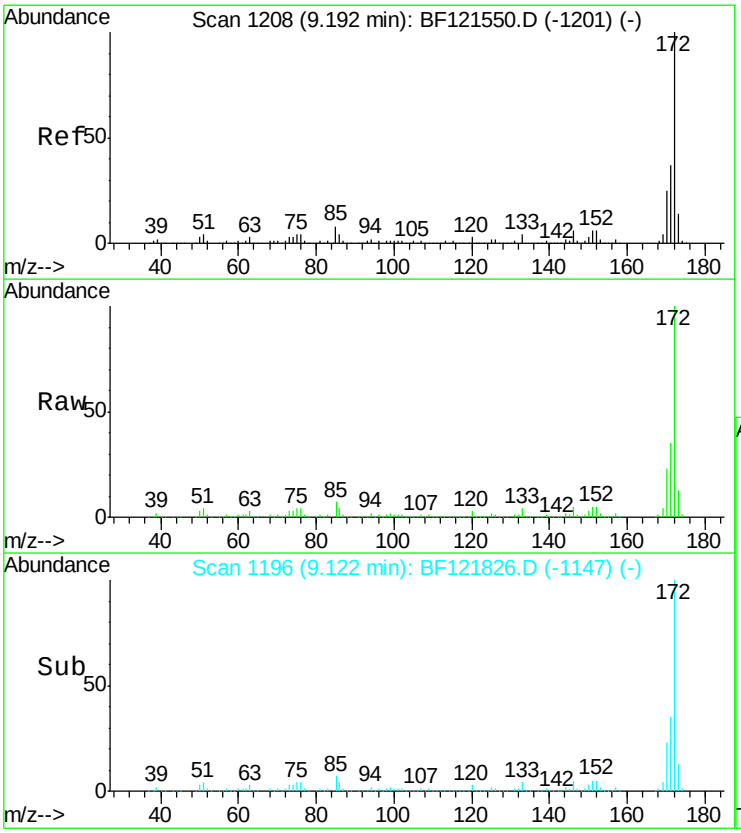
#42
2,4,6-Tribromophenol
Concen: 68.242 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:330 Resp: 158749

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	29.8	22.3	33.5

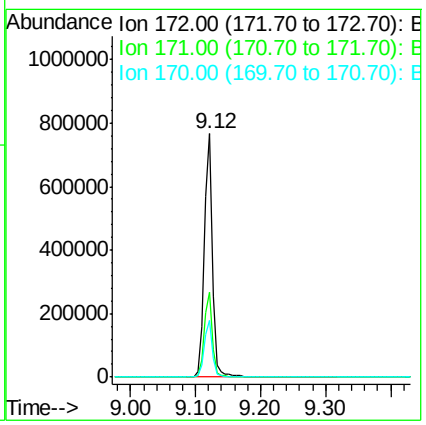


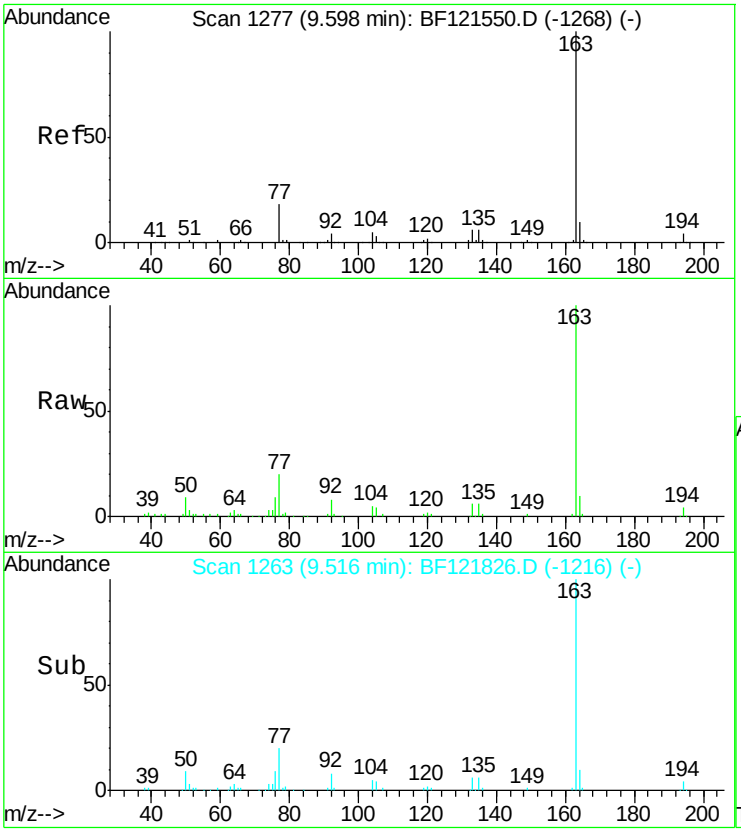


#45
2-Fluorobiphenyl
Concen: 53.938 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:172 Resp: 666576

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.1	43.7
170	23.3	19.8	29.6



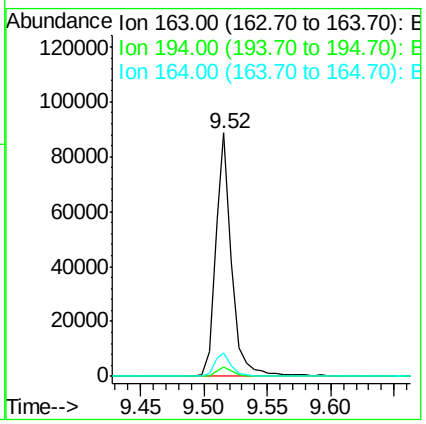


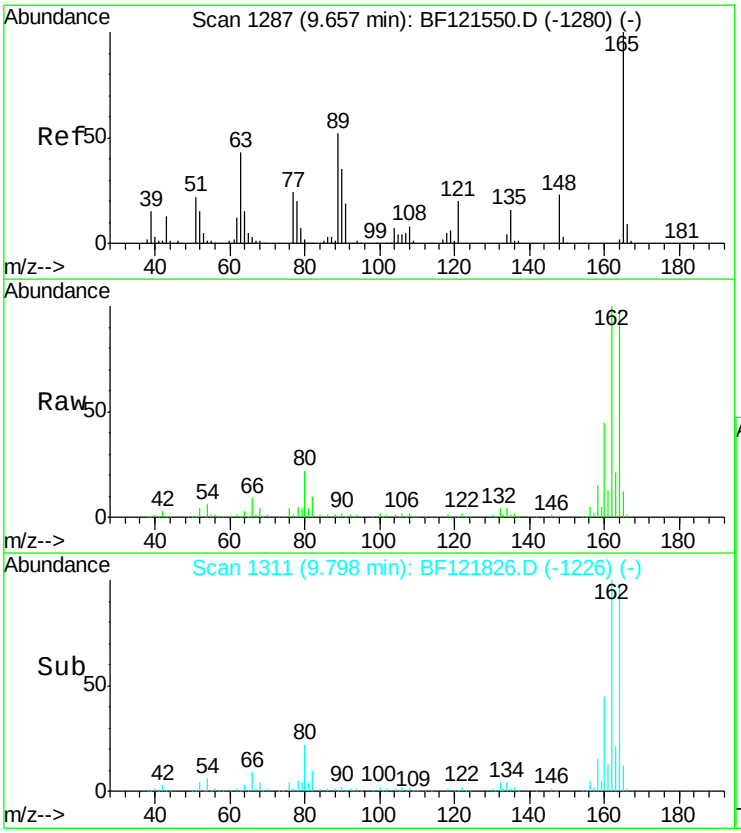
#50
Dimethylphthalate
Concen: 5.776 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:163 Resp: 78360

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.9	8.2	12.4

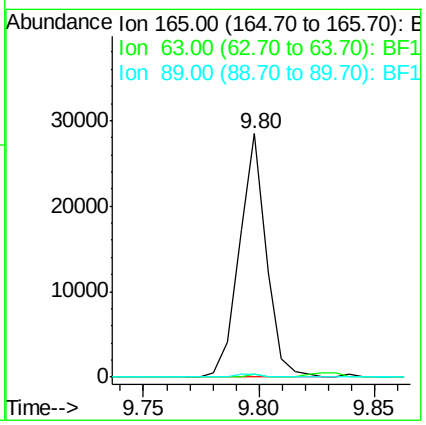


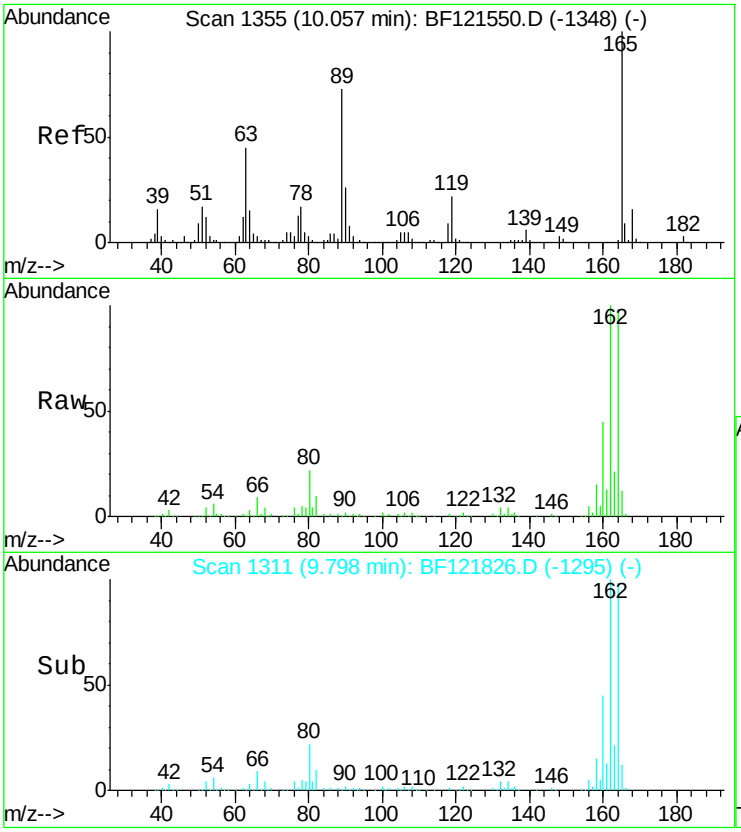


#51
2,6-Dinitrotoluene
Concen: 8.020 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:165 Resp: 23169

Ion	Ratio	Lower	Upper
165	100		
63	1.2	51.8	77.6#
89	1.4	49.0	73.6#



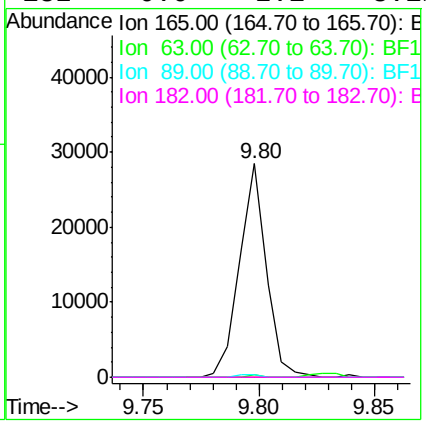


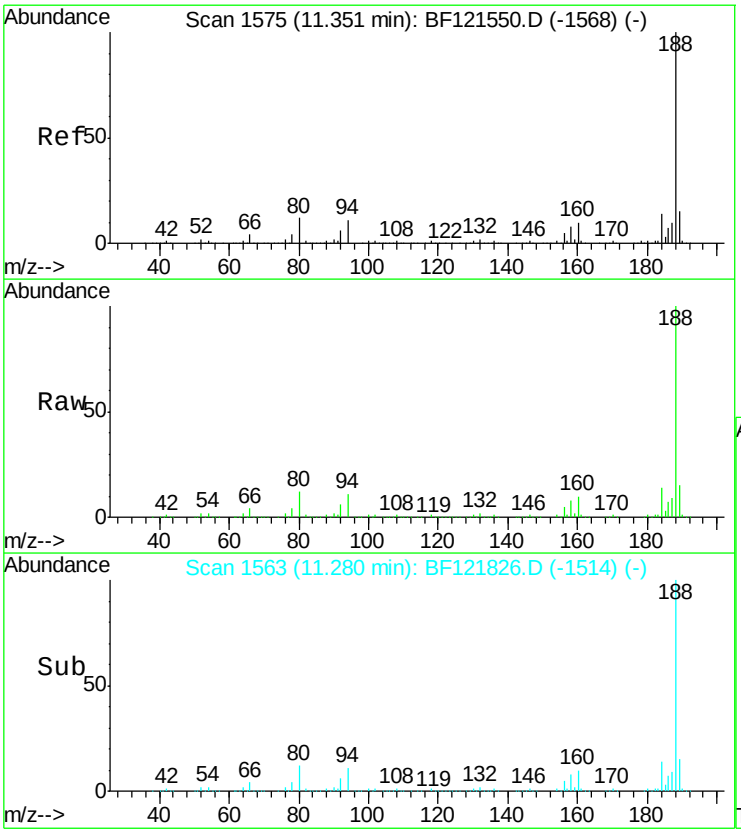
#57
2,4-Dinitrotoluene
Concen: 6.375 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:165 Resp: 23169

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.3	61.9#
89	1.4	61.8	92.8#
182	0.0	2.1	3.1#

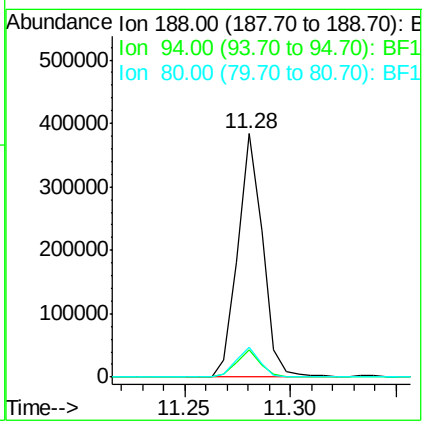


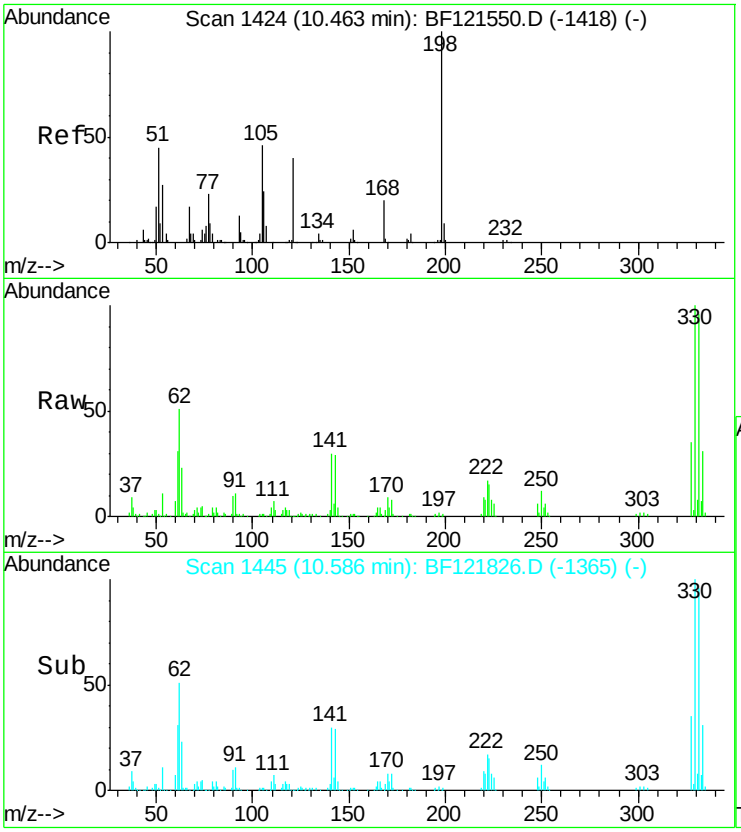


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:188 Resp: 311344

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.0	9.1	13.7



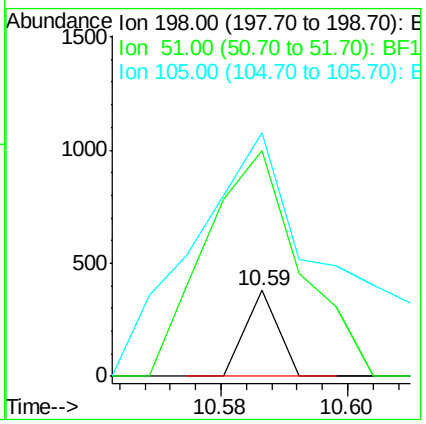


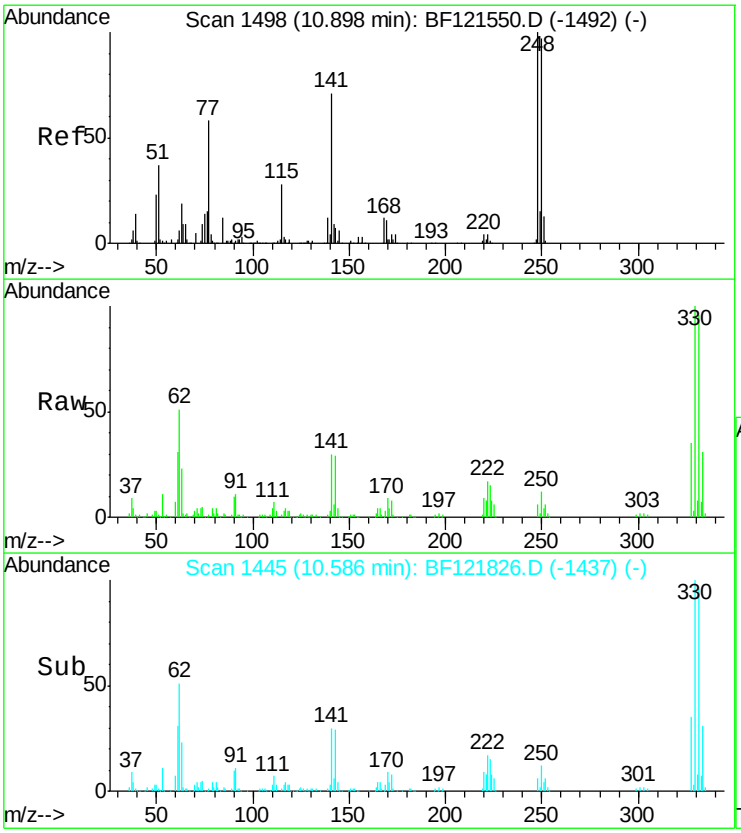
#65
4,6-Dinitro-2-methylphenol
Concen: 6.912 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.17 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:198 Resp: 134

Ion	Ratio	Lower	Upper
198	100		
51	263.1	29.6	69.6#
105	283.9	24.4	64.4#

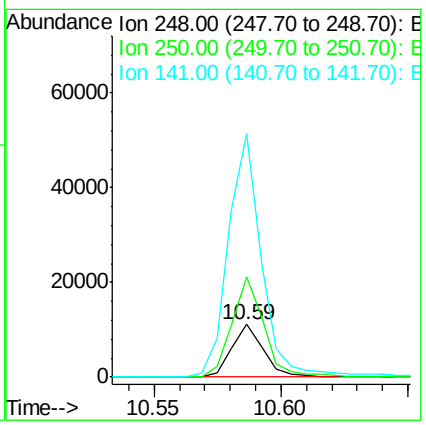


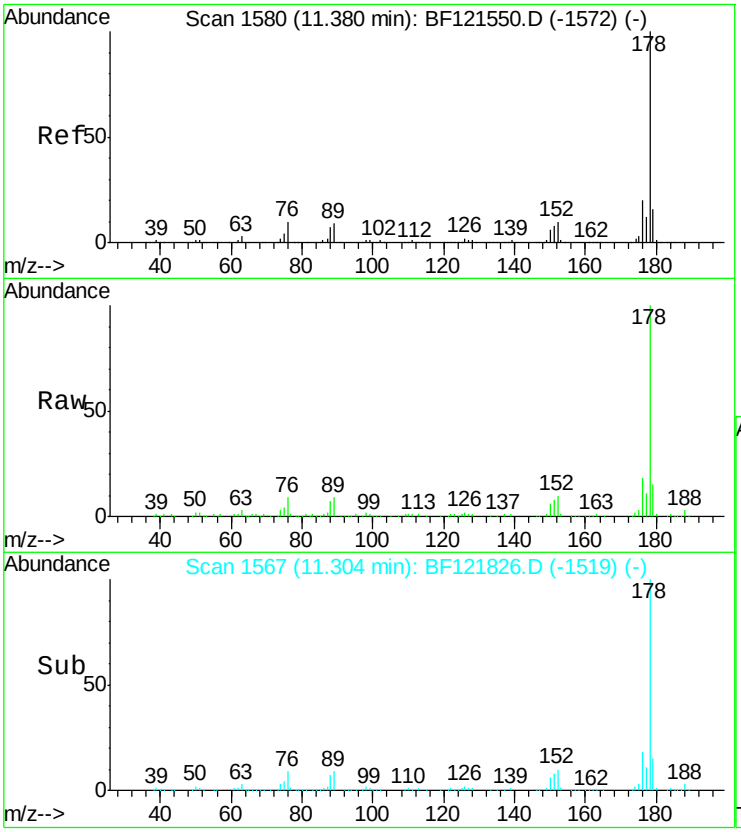


#67
4-Bromophenyl-phenylether
Concen: 2.683 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:248 Resp: 9509

Ion	Ratio	Lower	Upper
248	100		
250	189.8	77.0	115.6#
141	463.6	53.7	80.5#



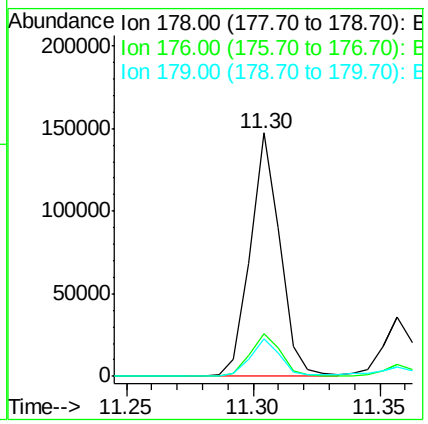


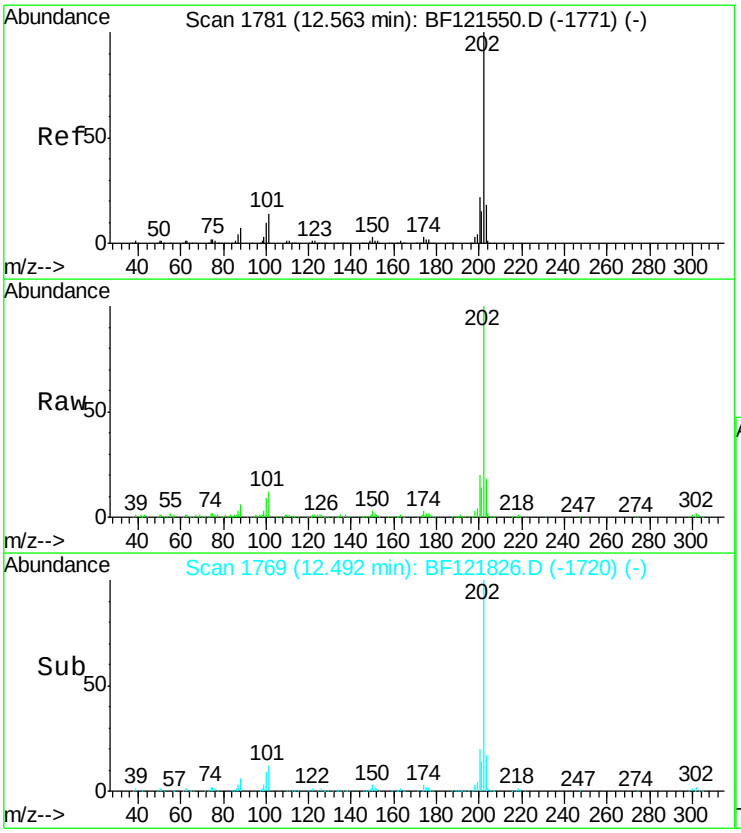
#71
Phenanthrene
Concen: 7.108 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:178 Resp: 120571

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.9	23.9
179	15.3	12.2	18.4

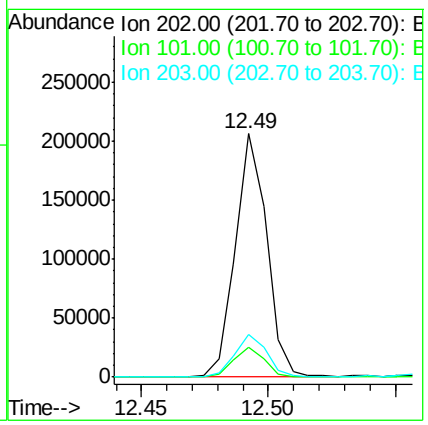


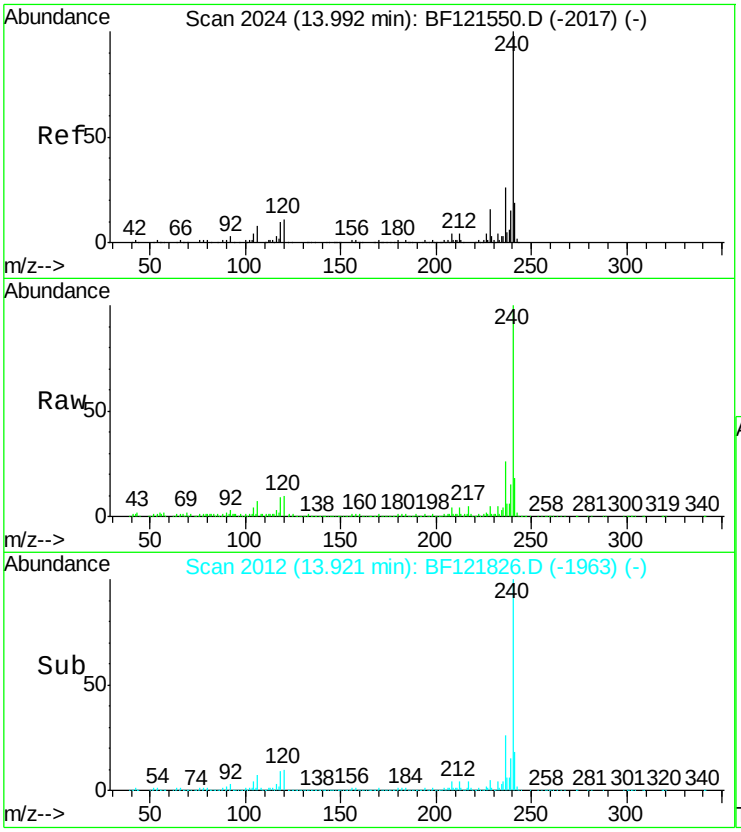


#75
Fluoranthene
Concen: 9.830 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:202 Resp: 177999

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.4
203	17.7	0.0	37.9



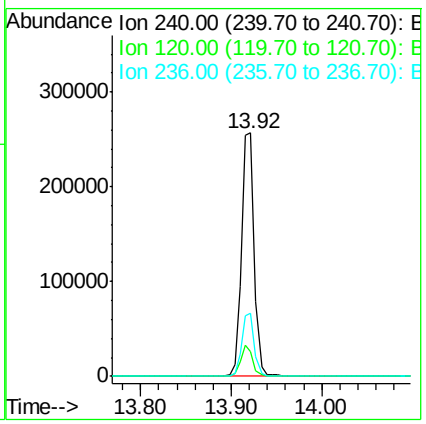


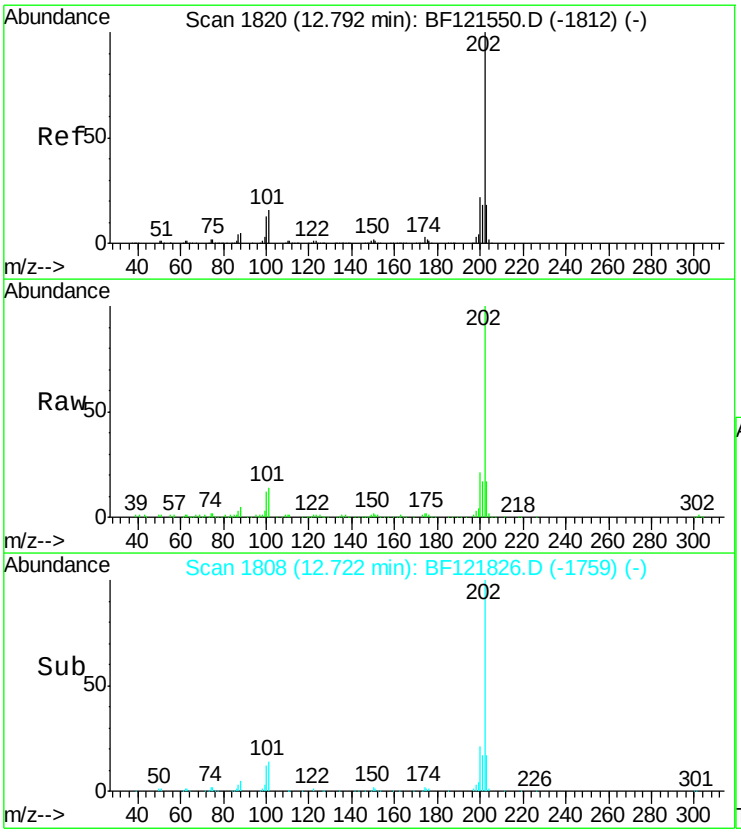
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:240 Resp: 255222

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.2	13.8
236	26.0	20.9	31.3

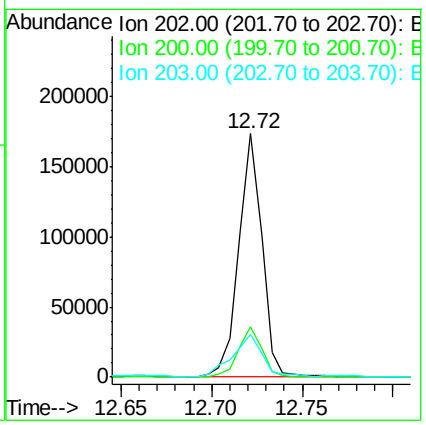


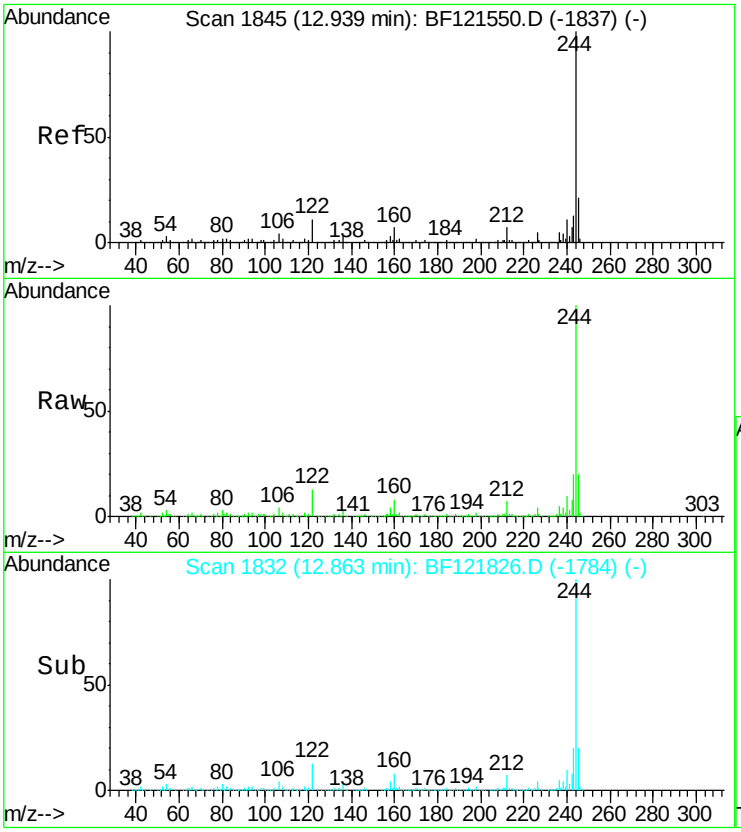


#78
Pyrene
Concen: 8.353 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:202 Resp: 155765

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.6	21.8



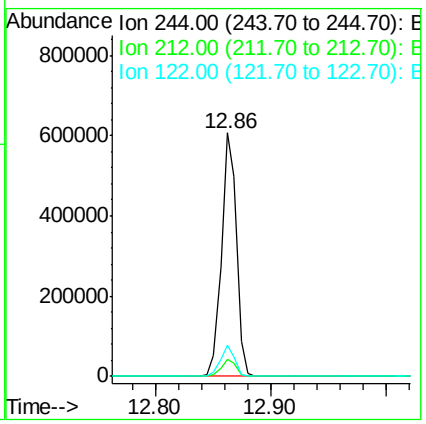


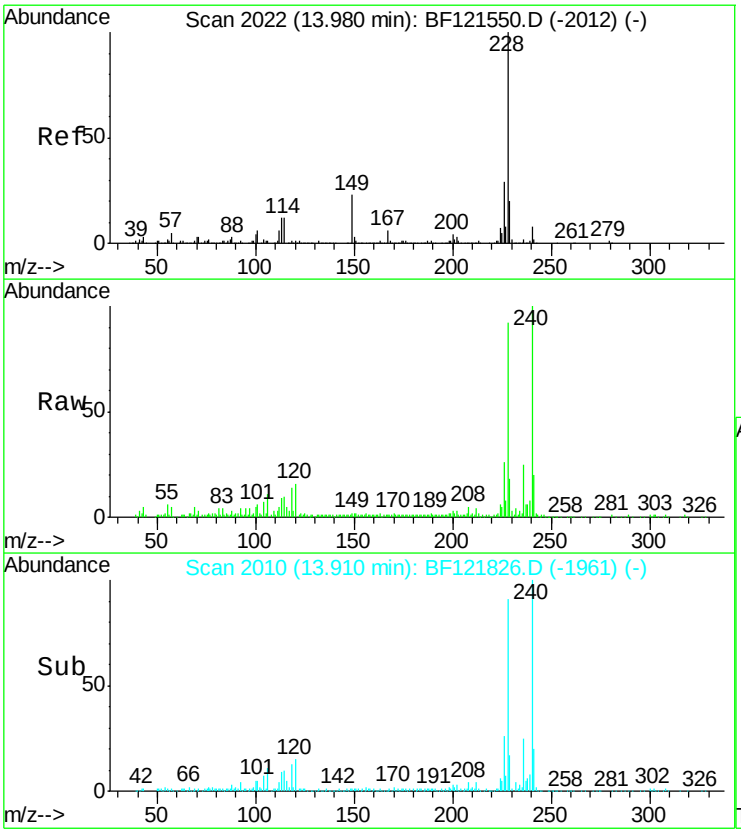
#79
Terphenyl-d14
Concen: 43.146 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:244 Resp: 543551

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.6	8.1	12.1#

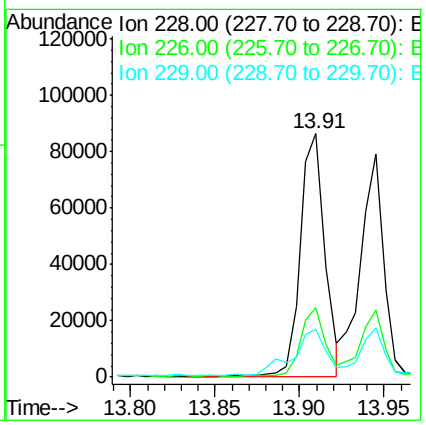


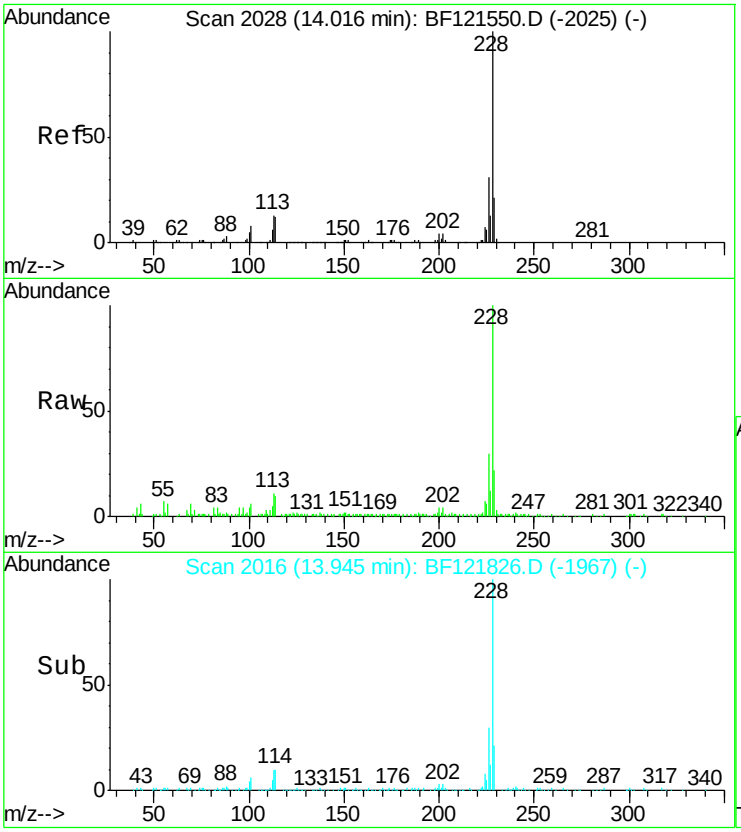


#81
Benzo(a)anthracene
Concen: 5.426 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:228 Resp: 87617

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	19.6	16.2	24.4



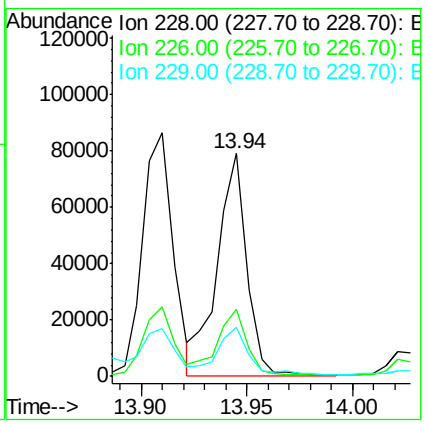


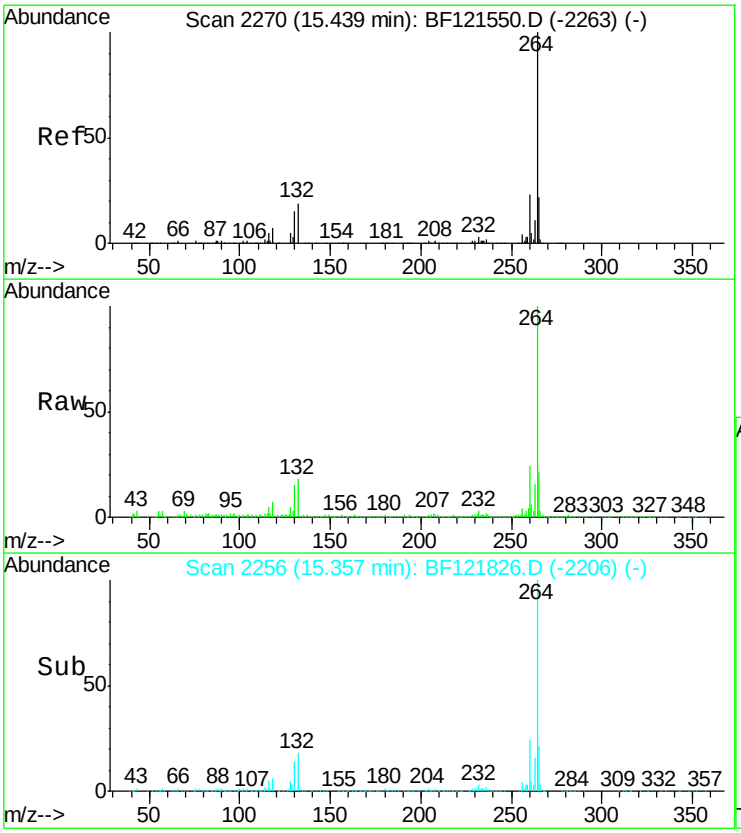
#83
Chrysene
Concen: 4.673 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:228 Resp: 76411

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	22.2	15.9	23.9

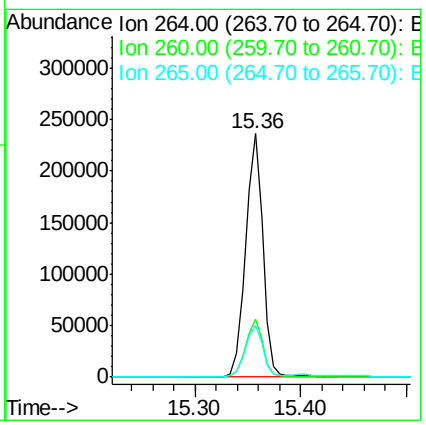


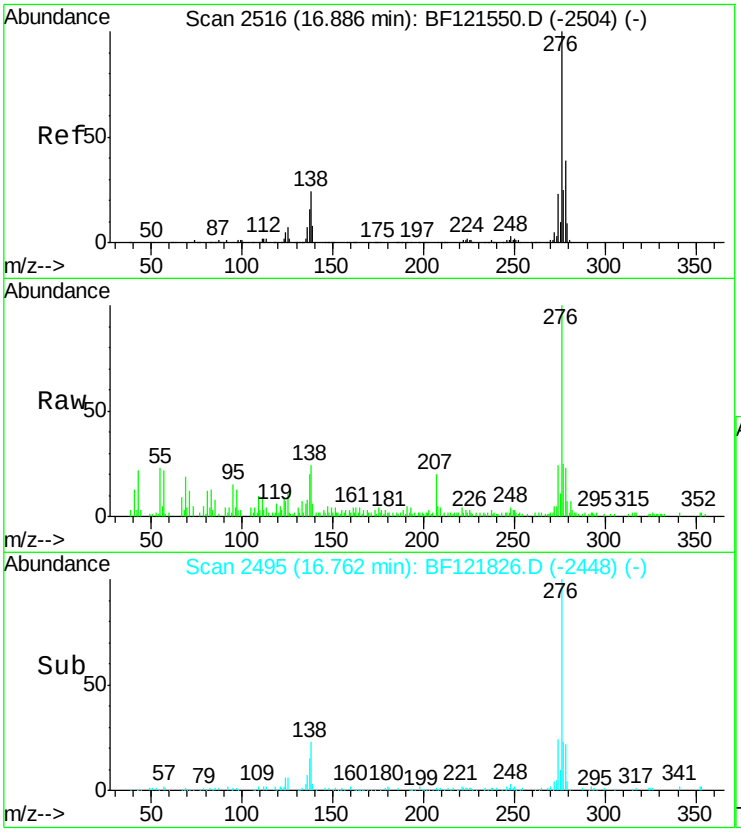


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:264 Resp: 268683

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.3	17.3	25.9



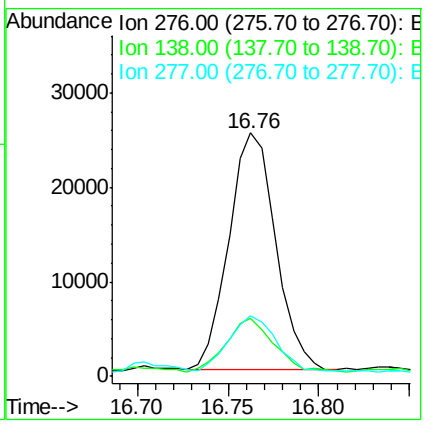


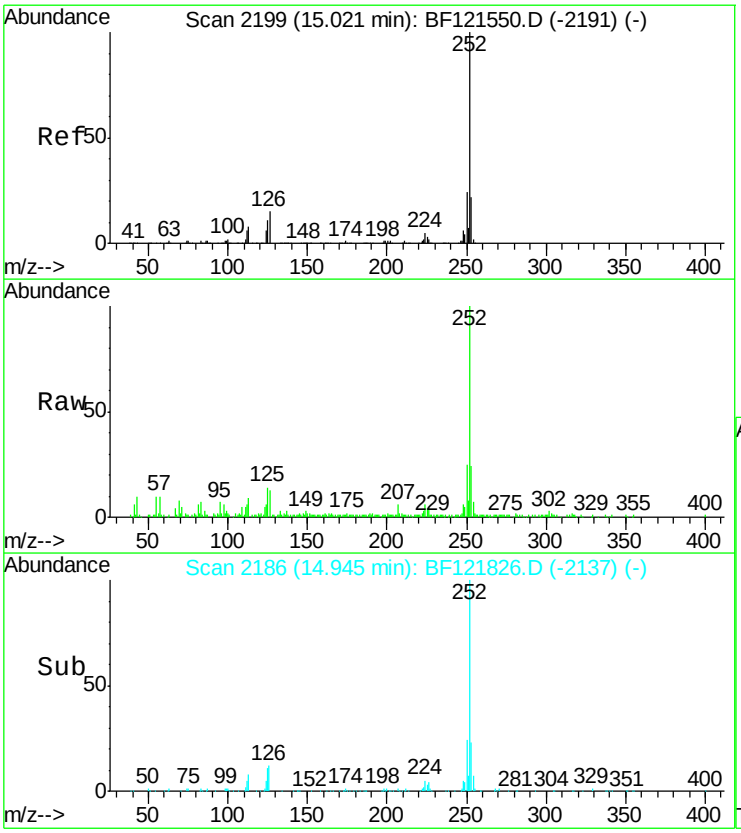
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.569 ng
RT: 16.76 min Scan# 2495
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:276 Resp: 44953

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.0	20.4	30.6

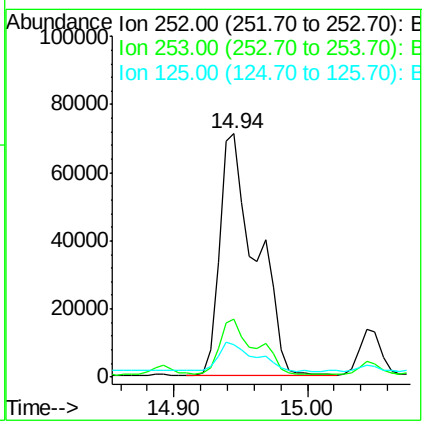


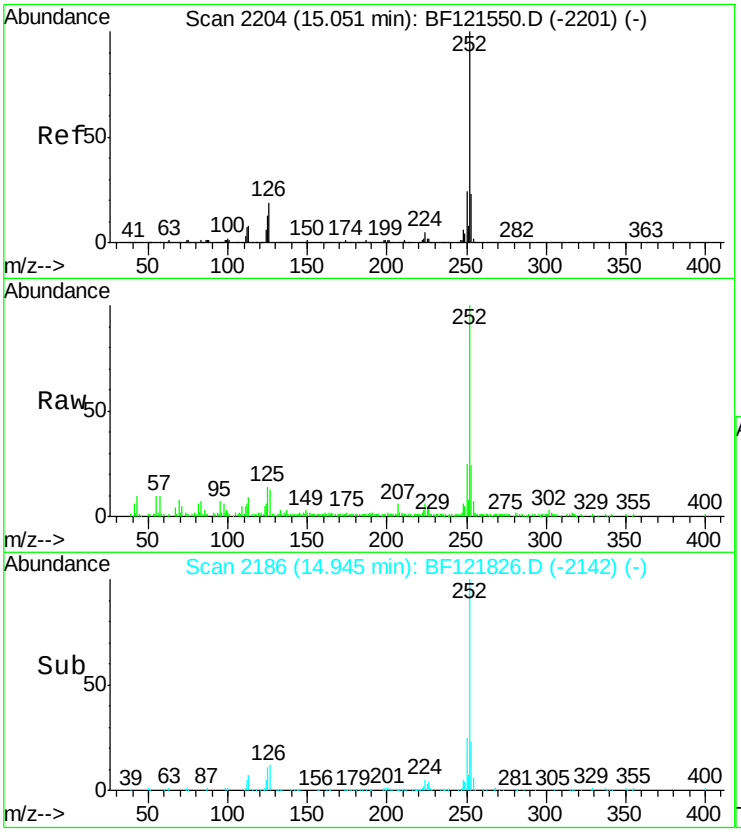


#88
Benzo(b)fluoranthene
Concen: 7.445 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:252 Resp: 133727

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	13.5	8.0	12.0#



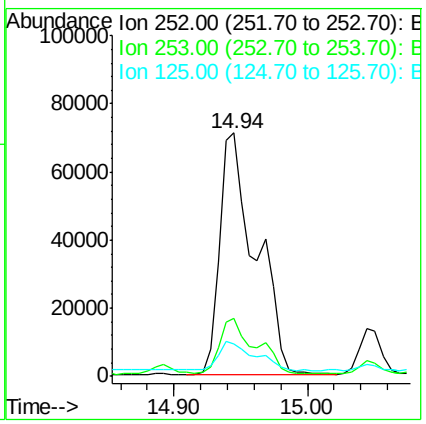


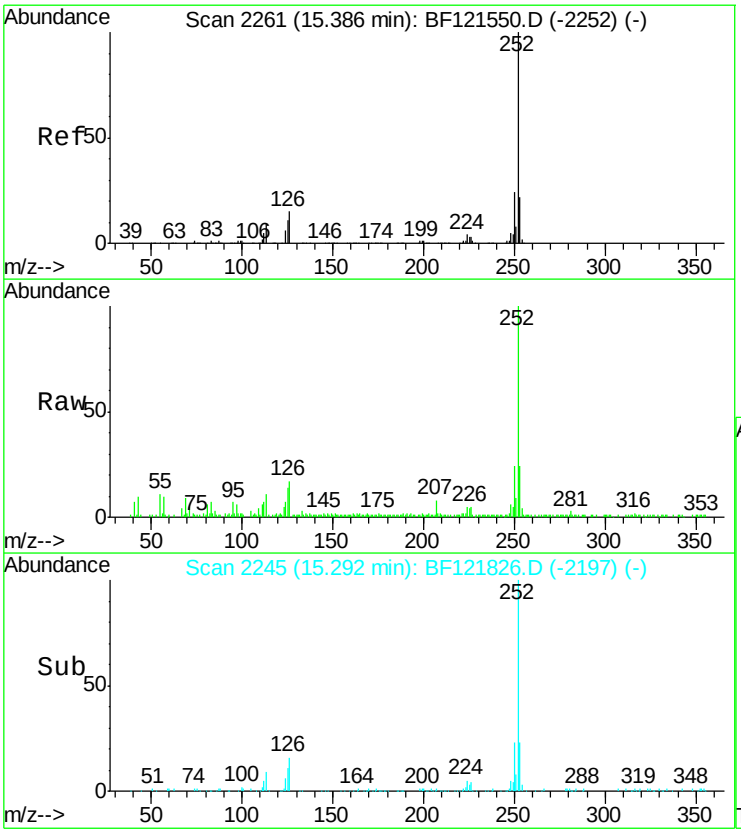
#89
Benzo(k)fluoranthene
Concen: 8.130 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:252 Resp: 133727

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	13.5	7.7	11.5#

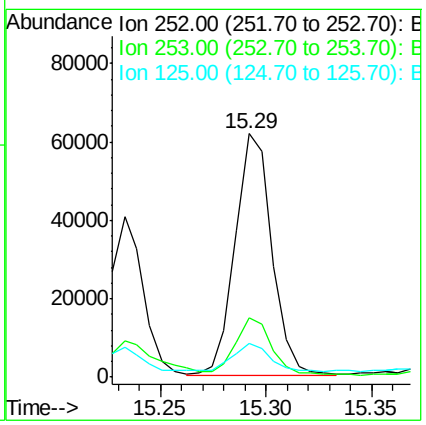


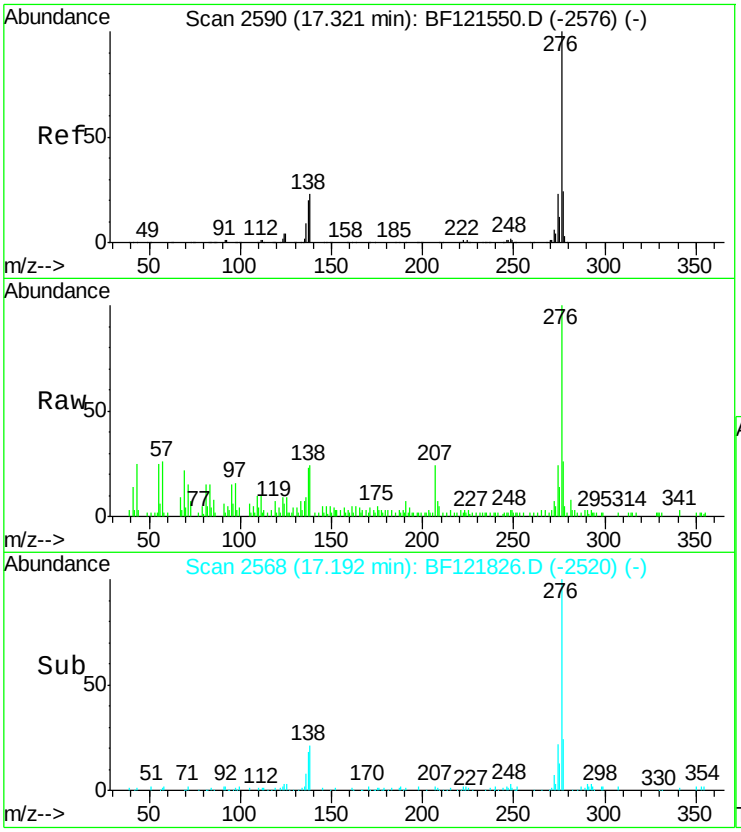


#90
Benzo(a)pyrene
Concen: 4.882 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Tgt Ion:252 Resp: 74534

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	14.0	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 3.035 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF121826.D
Acq: 5 Oct 2020 19:49

Instrument :
BNA_F
ClientSampleId :
B-18(11-13)

Tgt Ion:276 Resp: 43451

Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	23.7	17.8	26.6