Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121834.D
Acq On : 5 Oct 2020 23:58
Operator : JU/CG
Sample : L4226-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100120

Quant Time: Oct 06 02:20:47 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	107195	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	396806	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	182574	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	299023	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	284899	20.00	ng		-0.01
86) Perylene-d12	15.36	264	265533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	271958	37.70	ng		0.00
7) Phenol-d6	6.40	99	341485	36.09	ng		-0.01
23) Nitrobenzene-d5	7.33	82	221203	29.93	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	71765	31.63	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	385416	31.97	ng		-0.01
79) Terphenyl-d14	12.86	244	315581	22.44	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	27840	5.105	ng	#	82
25) Isophorone	7.33	82	221202	14.869	ng	#	67
50) Dimethylphthalate	9.52	163	50535	3.819	ng		99
51) 2,6-Dinitrotoluene	9.80	165	23614	8.379	ng	#	21
57) 2,4-Dinitrotoluene	9.80	165	23614	6.661	ng	#	21
75) Fluoranthene	12.50	202	99807	5.739	ng		96
78) Pyrene	12.72	202	90190	4.333	ng		98
81) Benzo(a)anthracene	13.91	228	50633	2.809	ng		96
83) Chrysene	13.95	228	52221	2.861	ng		97
88) Benzo(b)fluoranthene	14.94	252	92560	5.214	ng	#	96
89) Benzo(k)fluoranthene	14.94	252	92560	5.694	ng	#	94
90) Benzo(a)pyrene	15.30	252	43094	2.856	ng	#	92

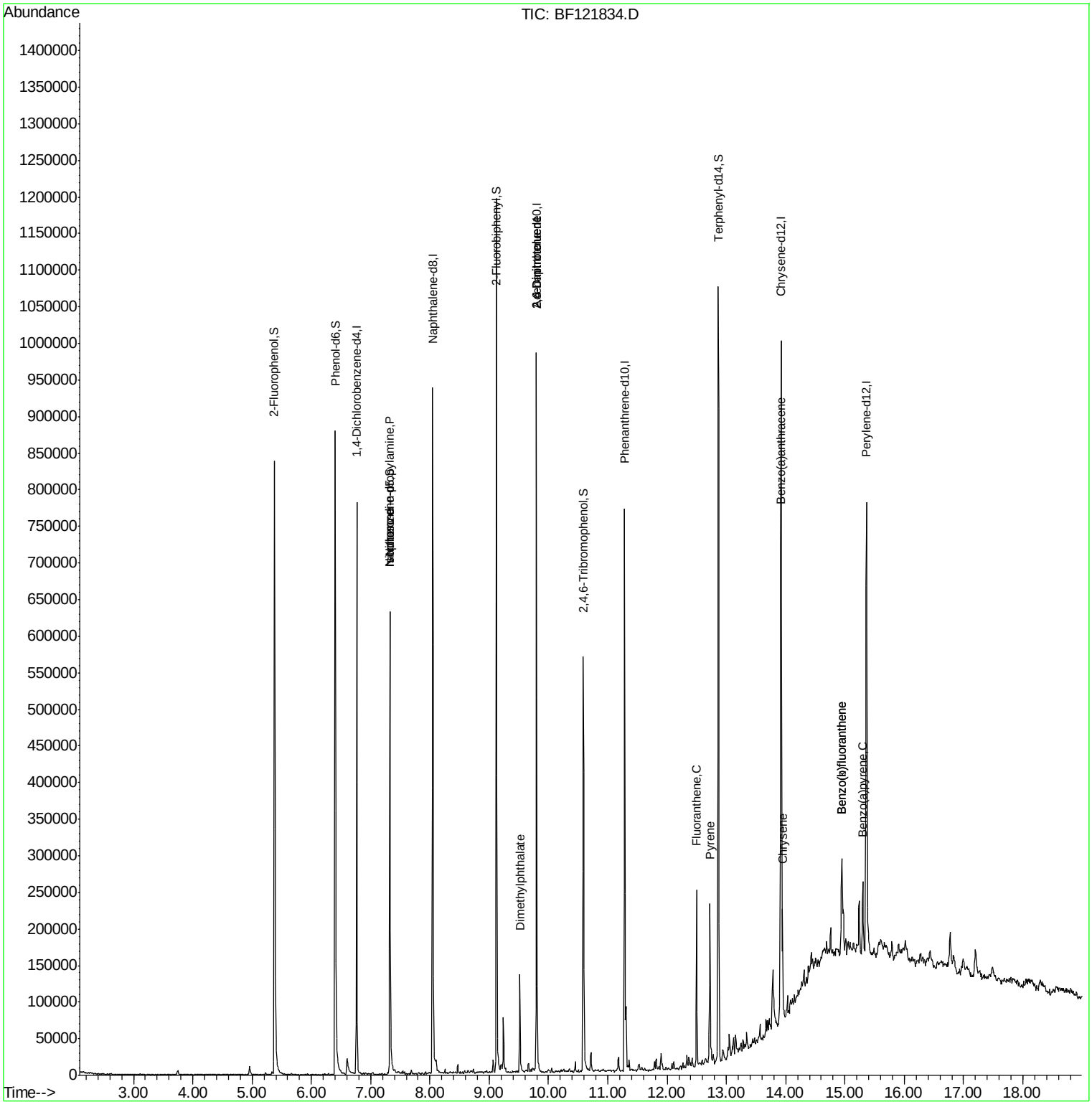
(#) = qualifier out of range (m) = manual integration (+) = signals summed

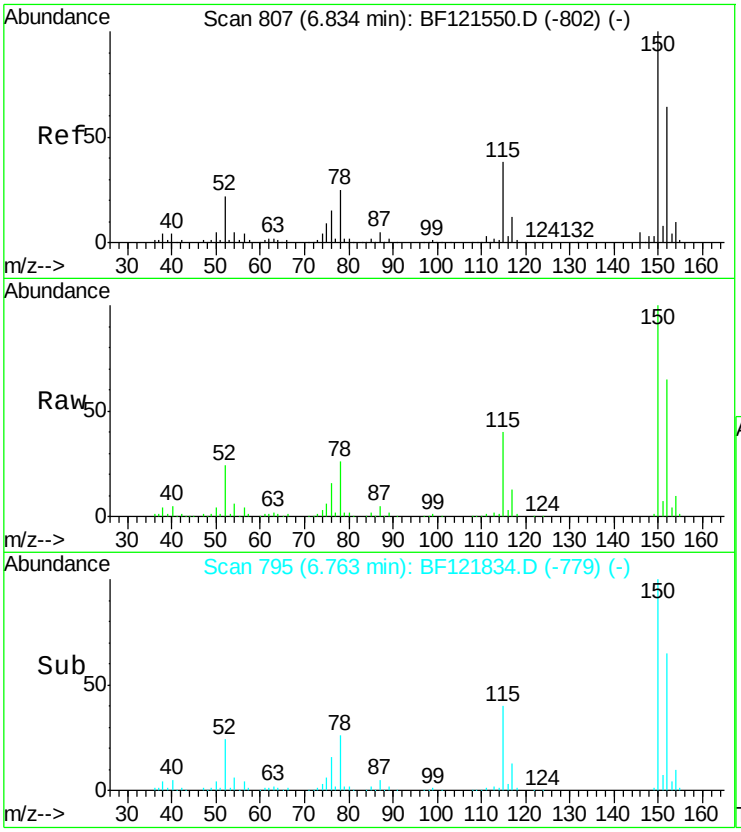
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121834.D
Acq On : 5 Oct 2020 23:58
Operator : JU/CG
Sample : L4226-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Quant Time: Oct 06 02:20:47 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



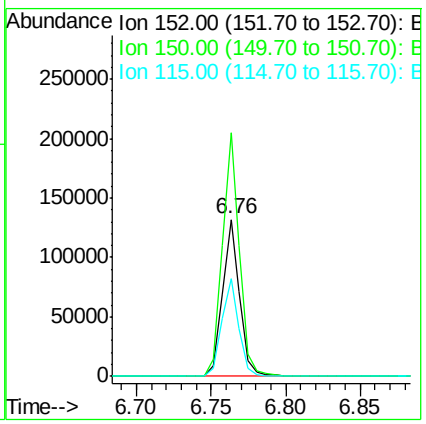


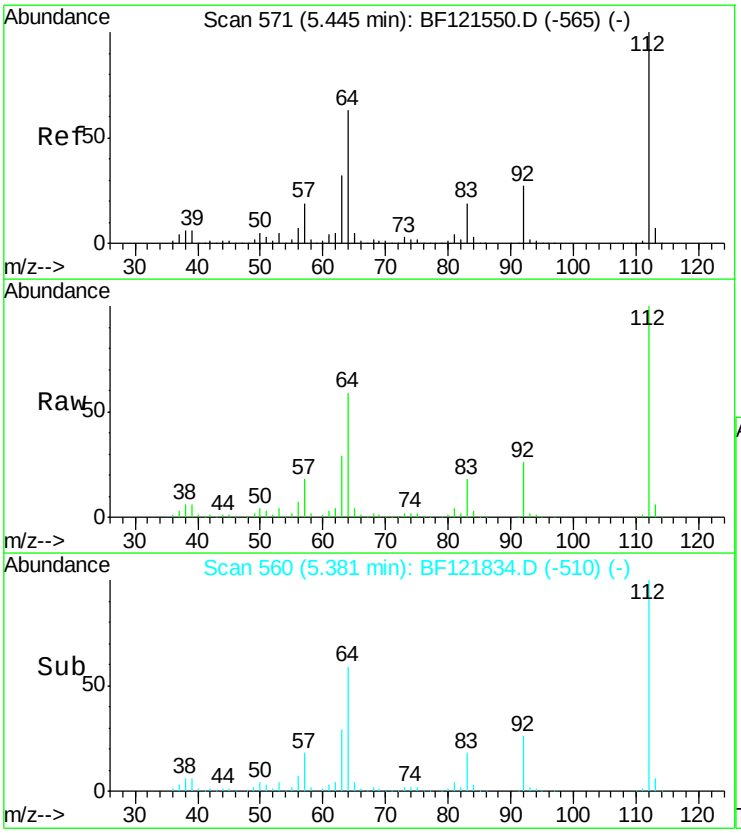
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:152 Resp: 107195

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.3	187.9
115	61.9	51.9	77.9

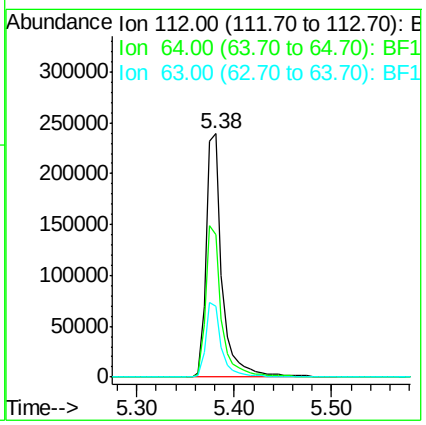


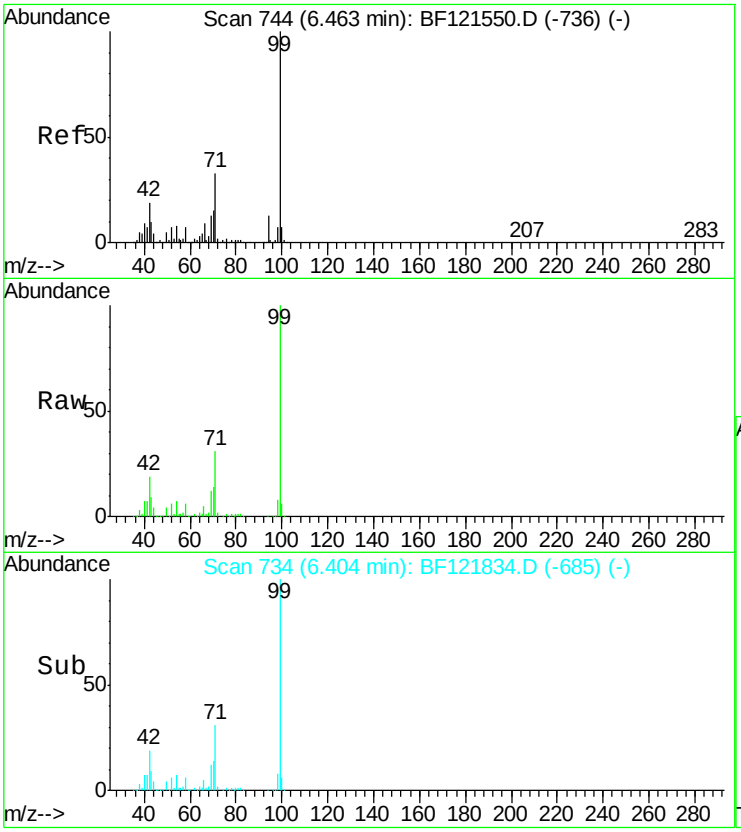


#5
2-Fluorophenol
Concen: 37.704 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:112 Resp: 271958

Ion	Ratio	Lower	Upper
112	100		
64	58.7	50.4	75.6
63	29.0	25.8	38.6



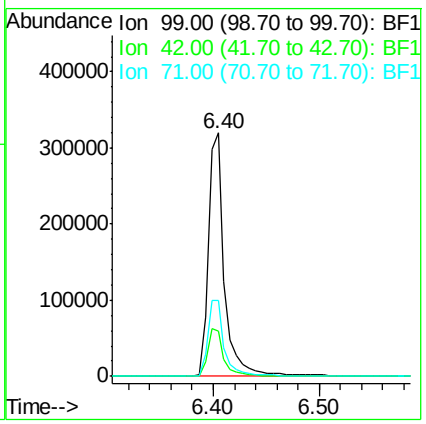


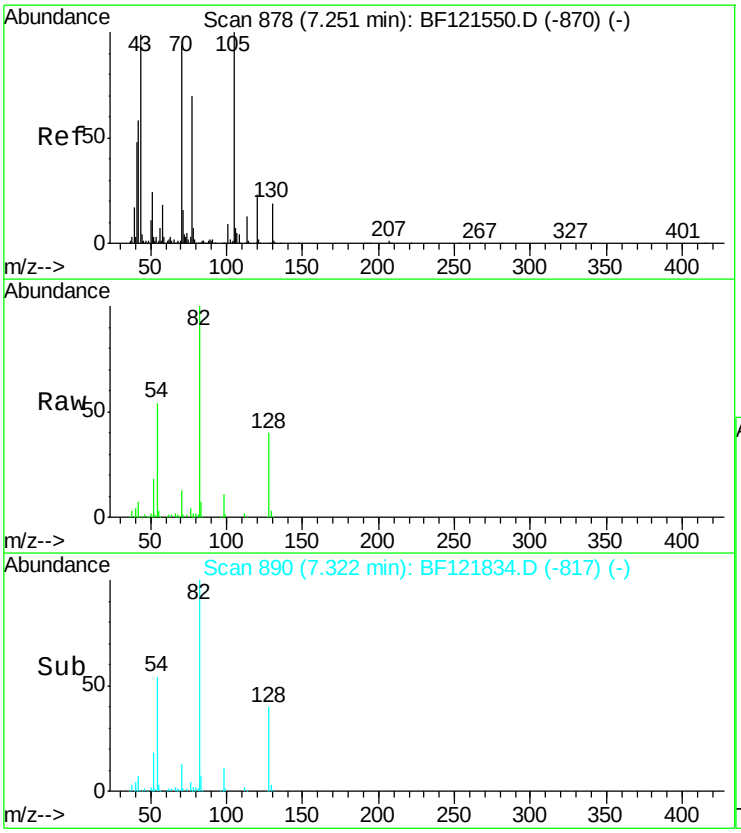
#7
Phenol-d6
Concen: 36.086 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion: 99 Resp: 341485

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	31.1	27.1	40.7

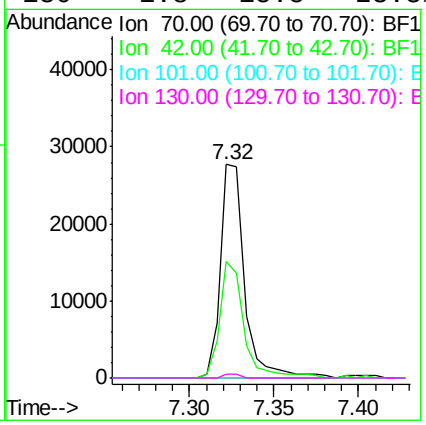


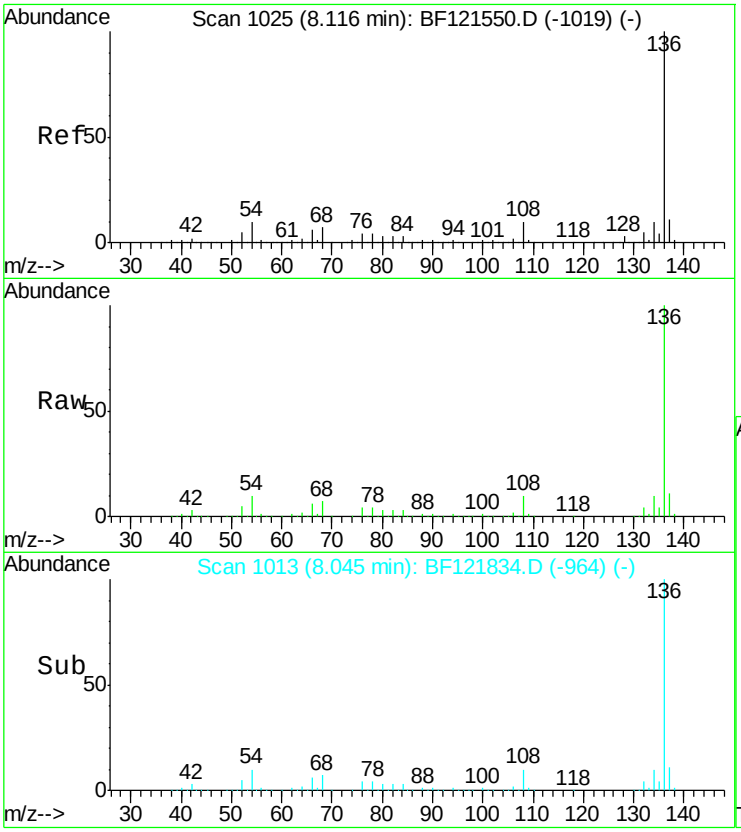


#19
n-Nitroso-di-n-propylamine
Concen: 5.105 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.13 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion: 70 Resp: 27840

Ion	Ratio	Lower	Upper
70	100		
42	54.5	50.2	75.4
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



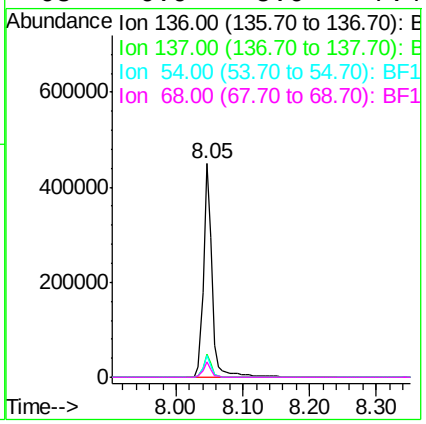


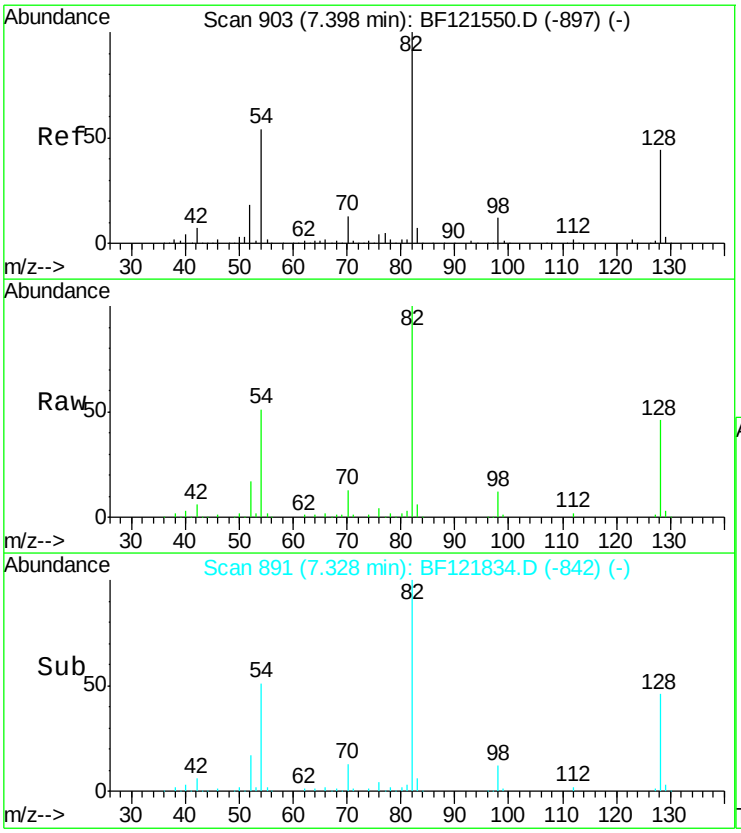
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:136 Resp: 396806

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.0	7.1	10.7
68	6.9	5.0	7.4

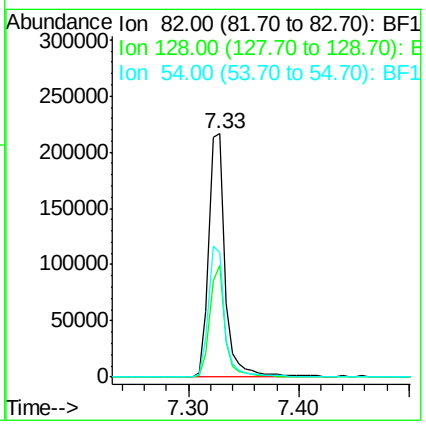


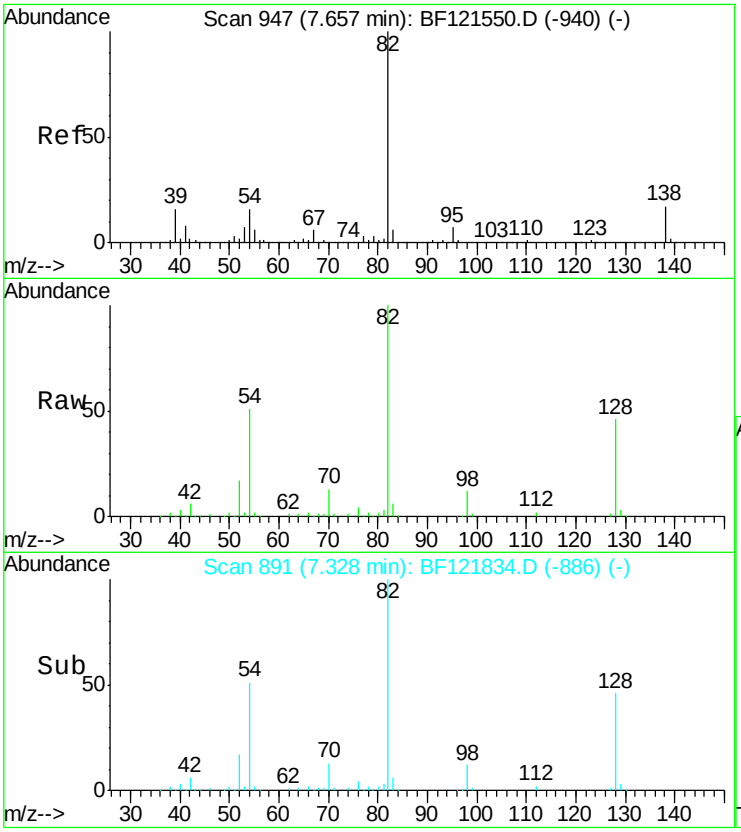


#23
Nitrobenzene-d5
Concen: 29.931 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion: 82 Resp: 221203

Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.0	52.4
54	51.3	43.9	65.9



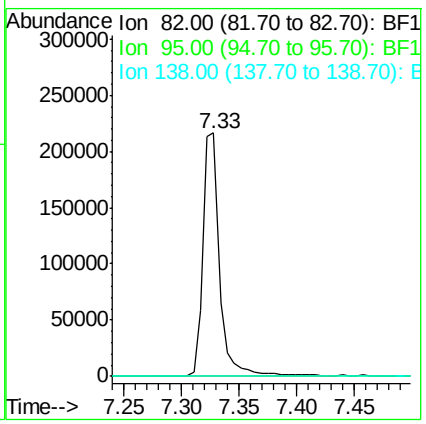


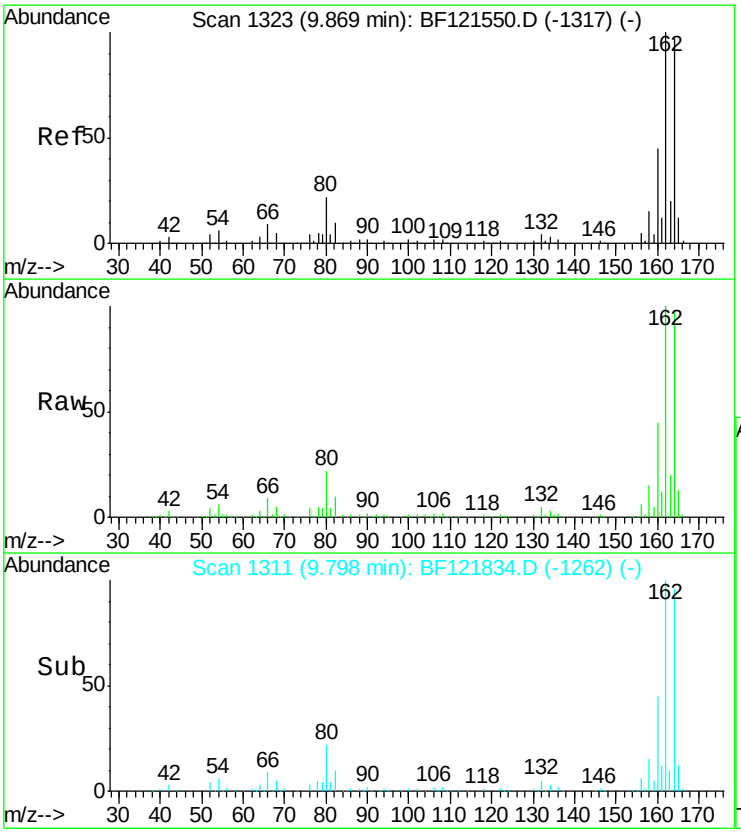
#25
Isophorone
Concen: 14.869 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion: 82 Resp: 221202

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

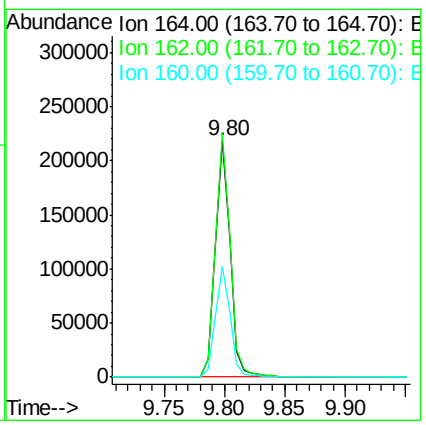


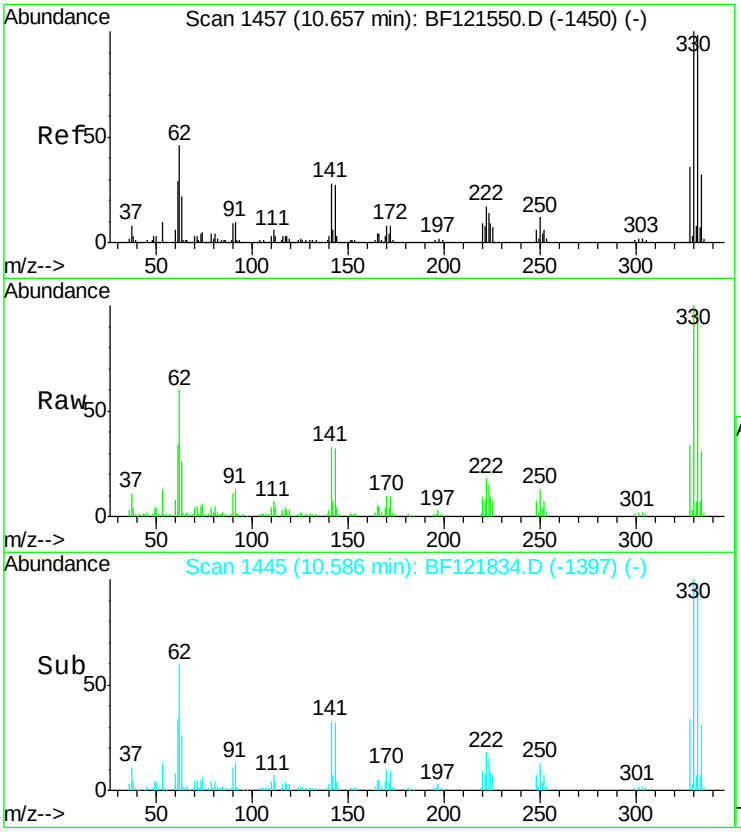


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:164 Resp: 182574

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.2	124.8
160	46.6	37.5	56.3



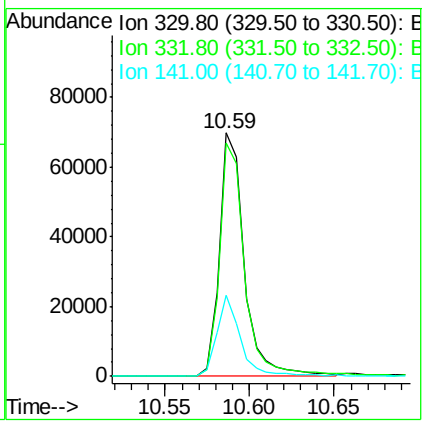


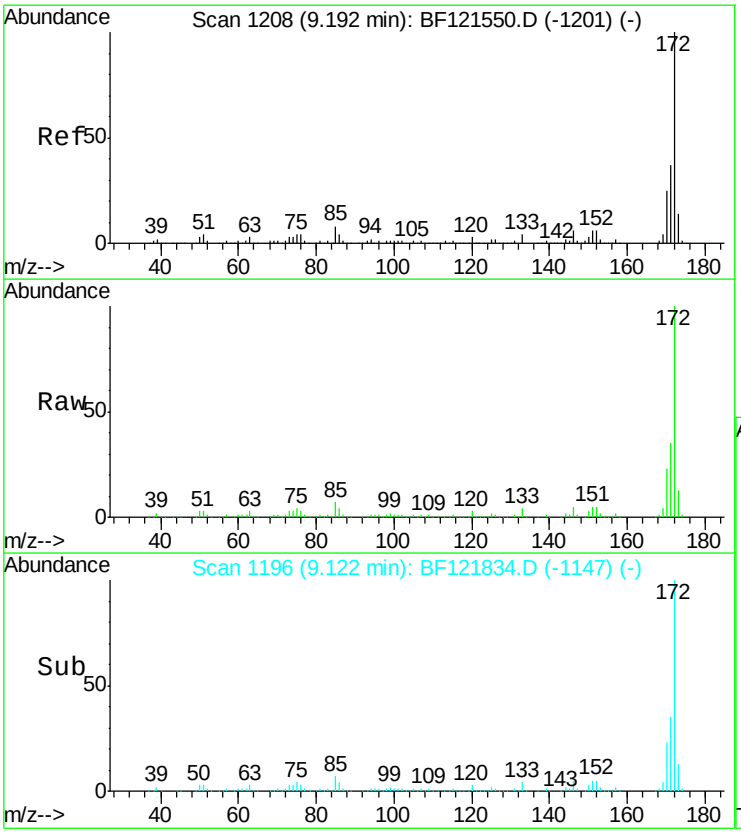
#42
2,4,6-Tribromophenol
Concen: 31.626 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:330 Resp: 71765

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	31.8	22.3	33.5

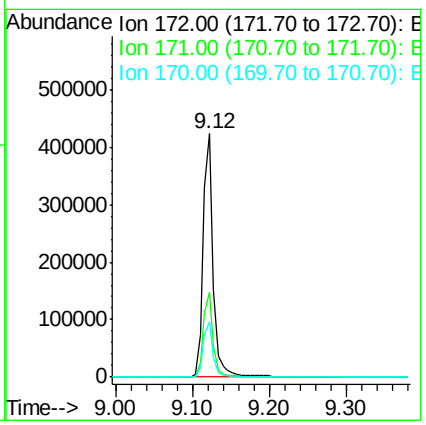


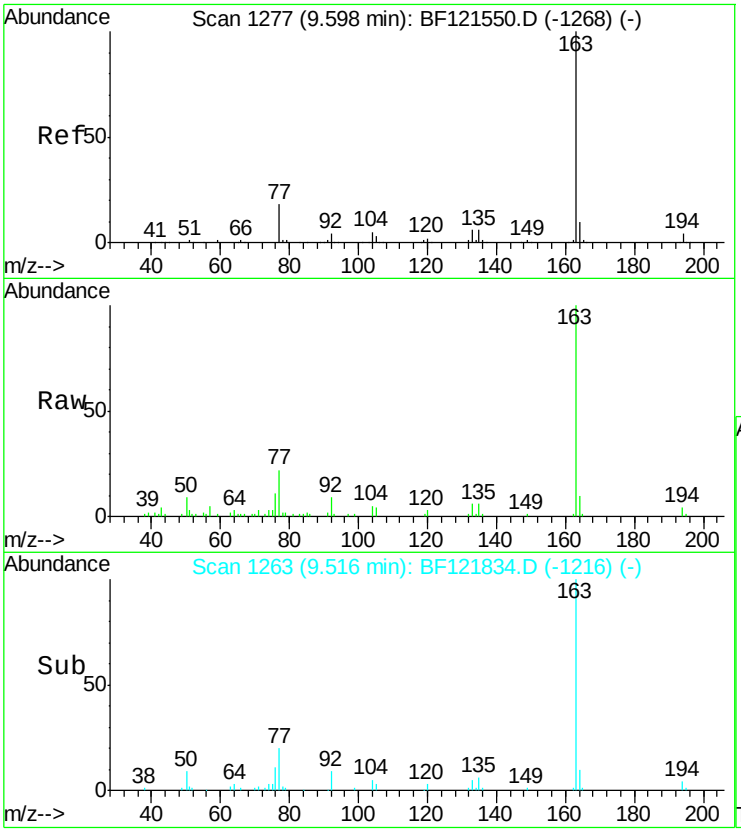


#45
2-Fluorobiphenyl
Concen: 31.972 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:172 Resp: 385416

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	22.7	19.8	29.6



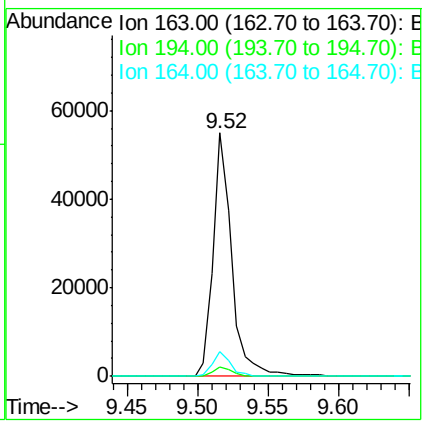


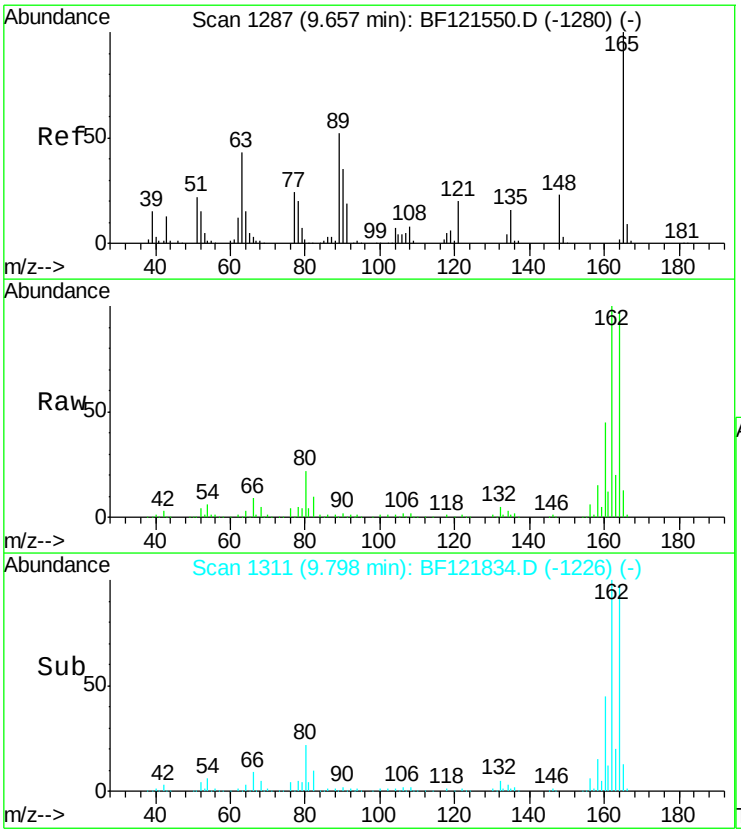
#50
Dimethylphthalate
Concen: 3.819 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:163 Resp: 50535

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.2	12.4

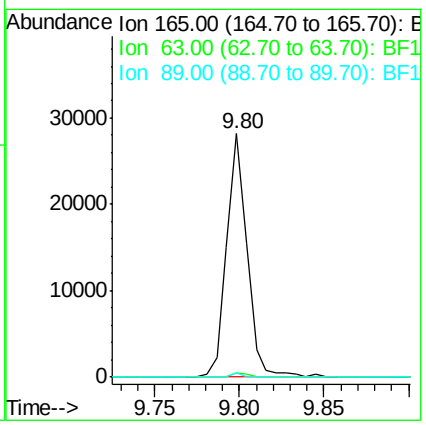


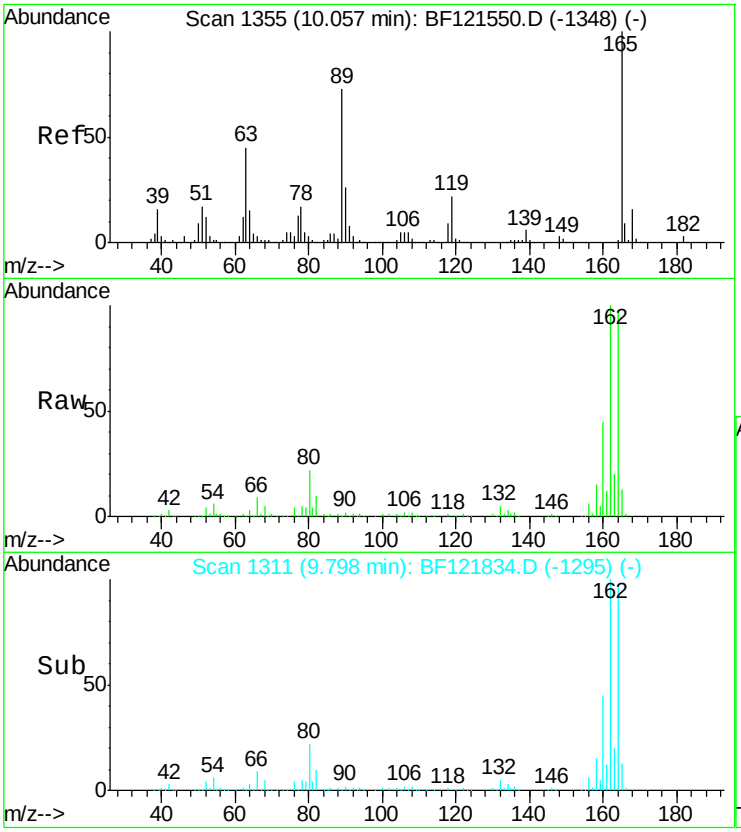


#51
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:165 Resp: 23614

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.6#
89	1.7	49.0	73.6#



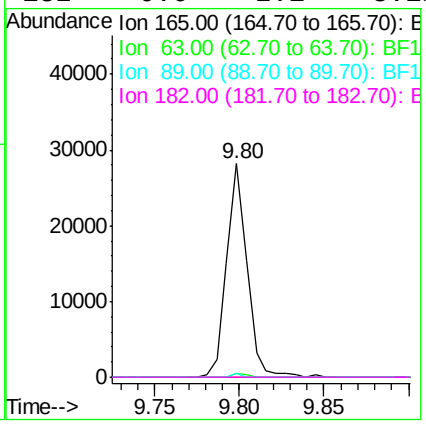


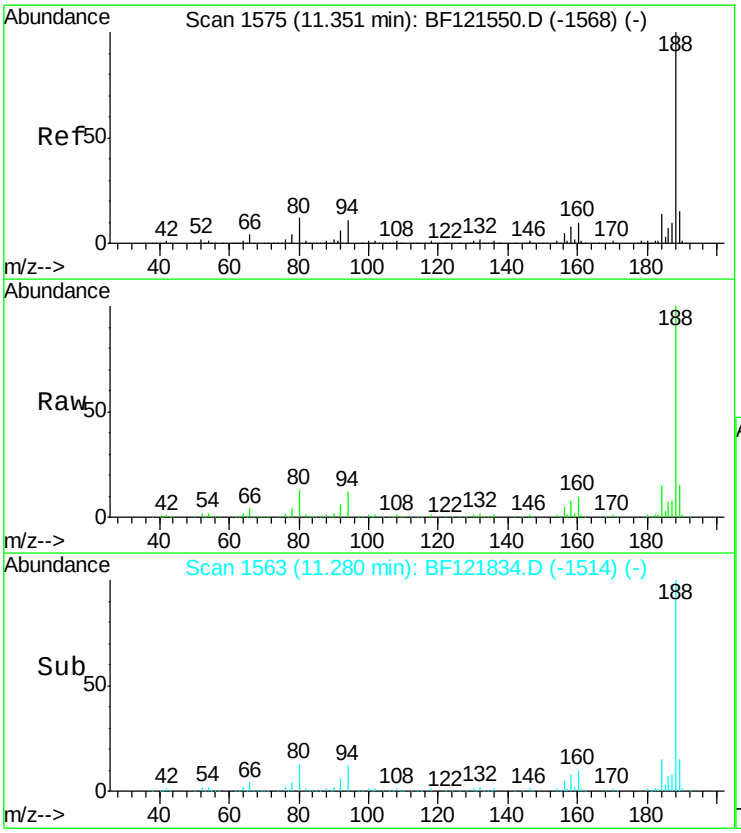
#57
2,4-Dinitrotoluene
Concen: 6.661 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:165 Resp: 23614

Ion	Ratio	Lower	Upper
165	100		
63	1.8	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#

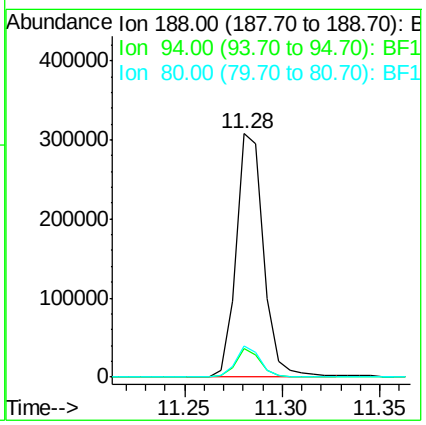


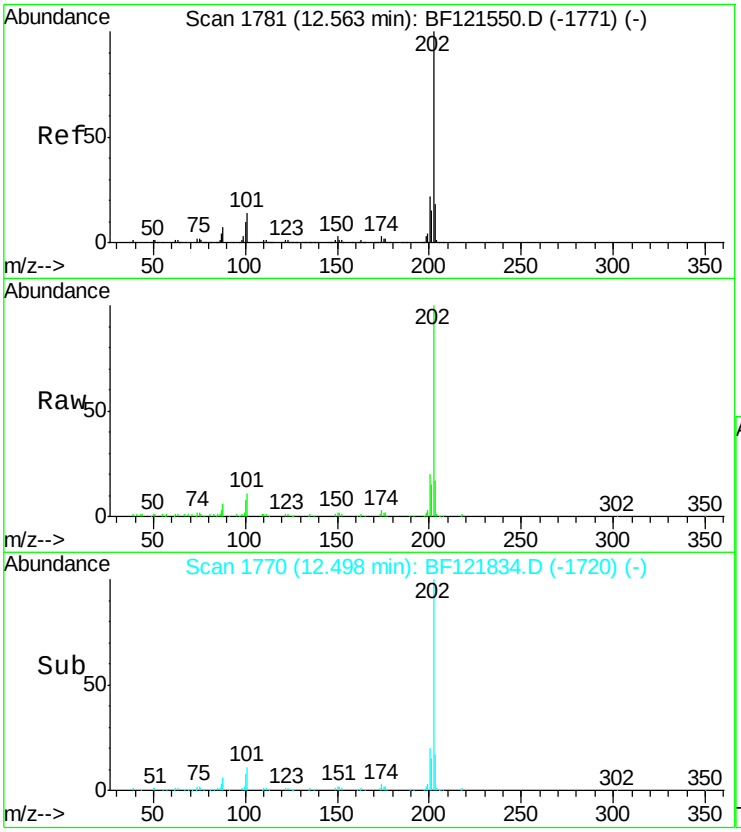


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:188 Resp: 299023

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.3	12.5
80	12.6	9.1	13.7



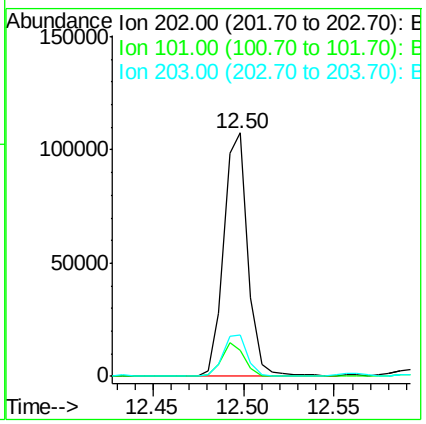


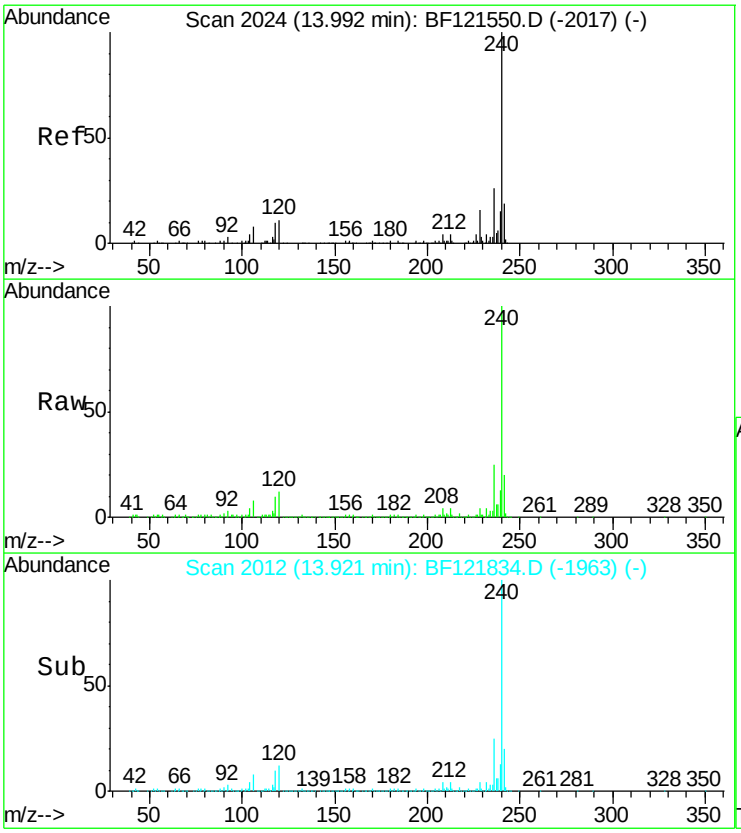
#75
Fluoranthene
Concen: 5.739 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:202 Resp: 99807

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.4
203	17.0	0.0	37.9

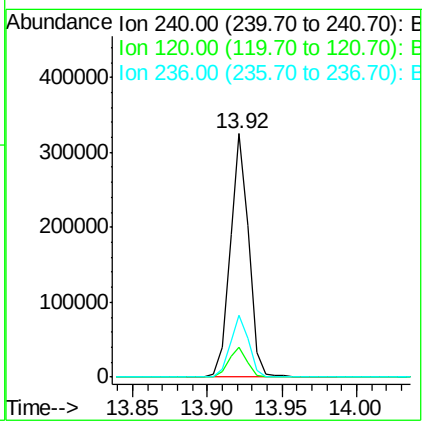


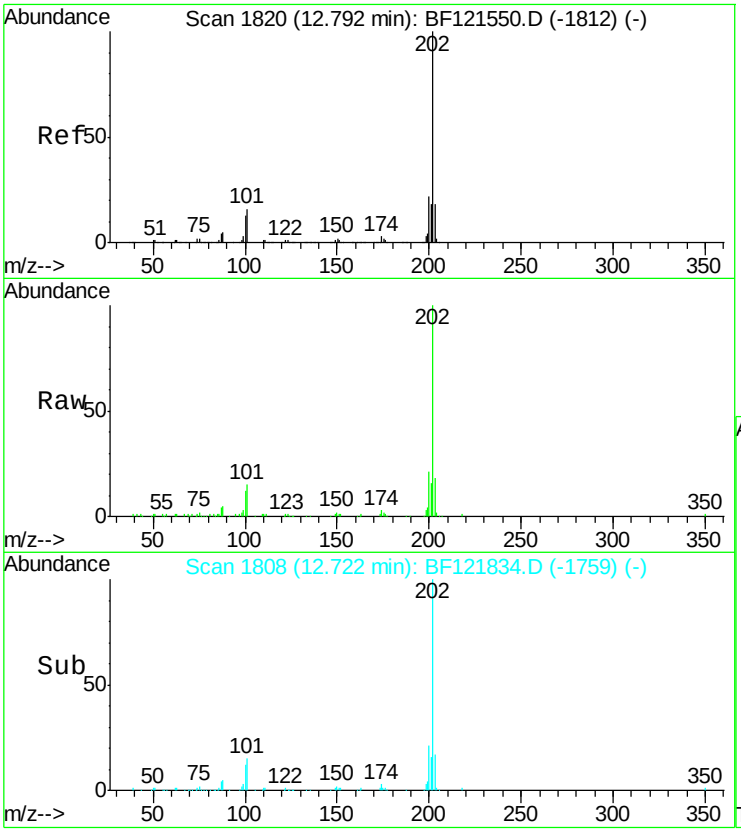


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:240 Resp: 284899

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.4	20.9	31.3



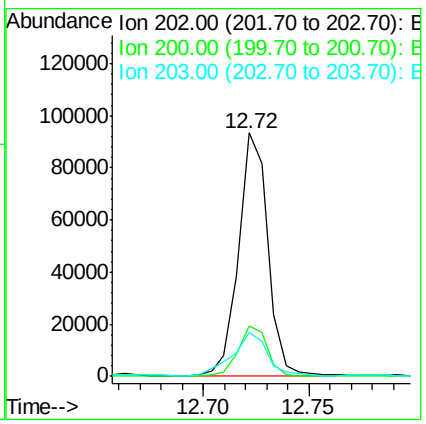


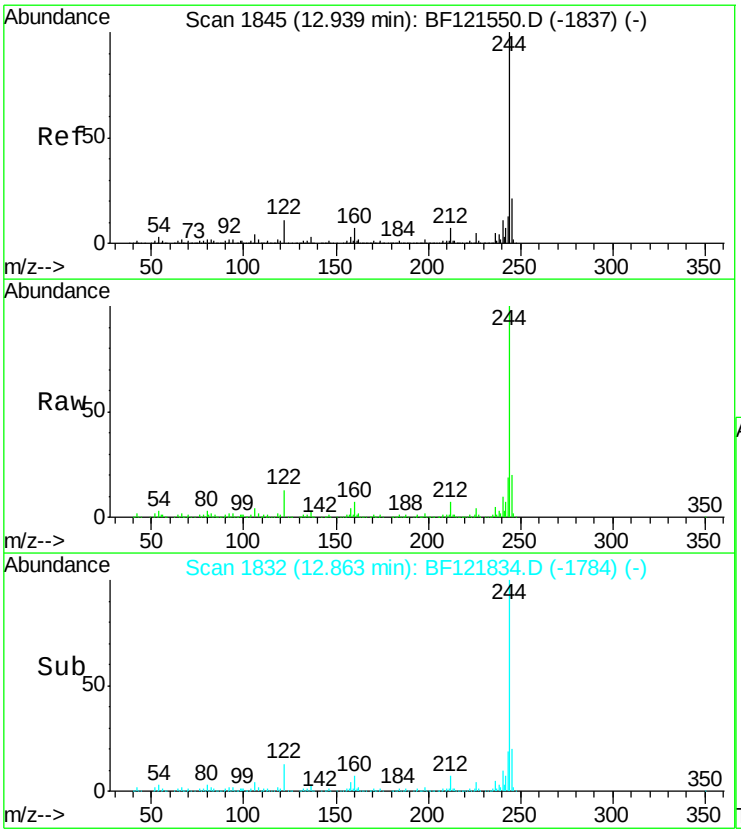
#78
Pyrene
Concen: 4.333 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:202 Resp: 90190

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.9	14.6	21.8

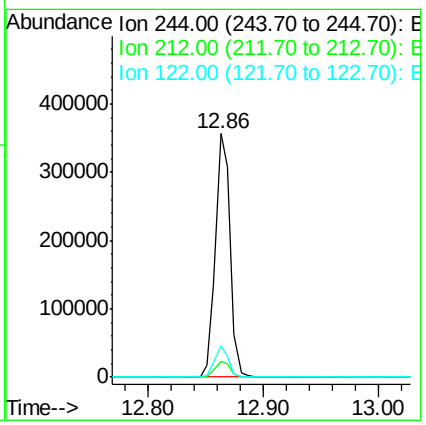


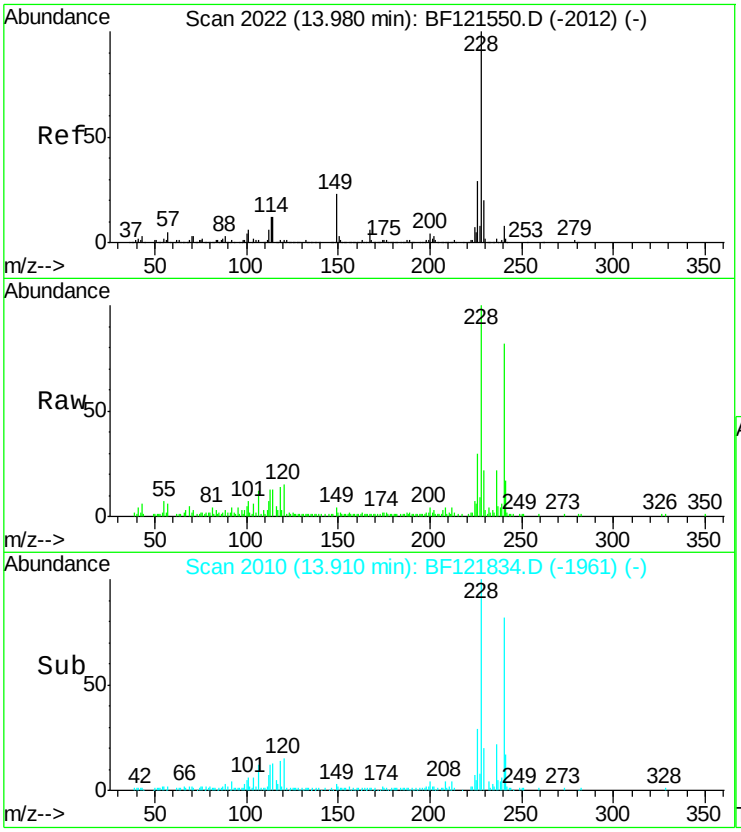


#79
Terphenyl-d14
Concen: 22.441 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:244 Resp: 315581

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	12.7	8.1	12.1#



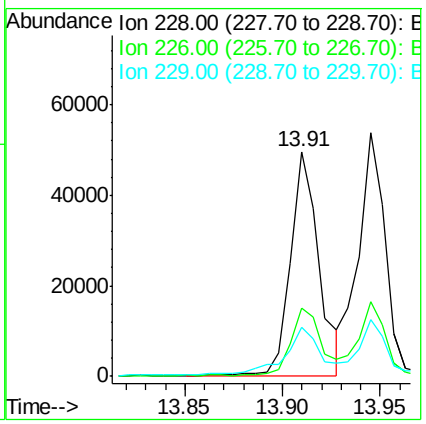


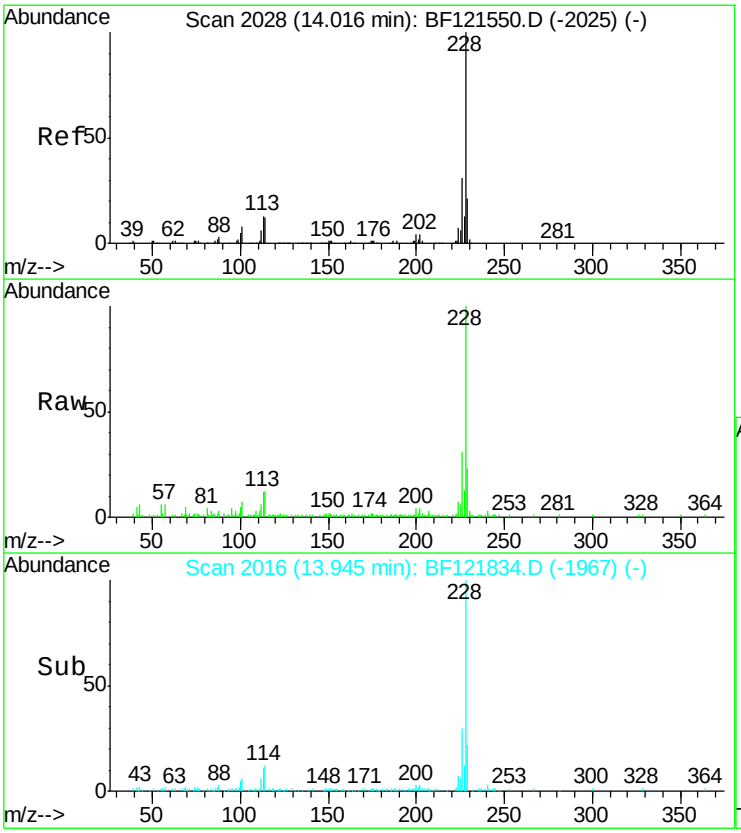
#81
Benzo(a)anthracene
Concen: 2.809 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:228 Resp: 50633

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	21.8	16.2	24.4

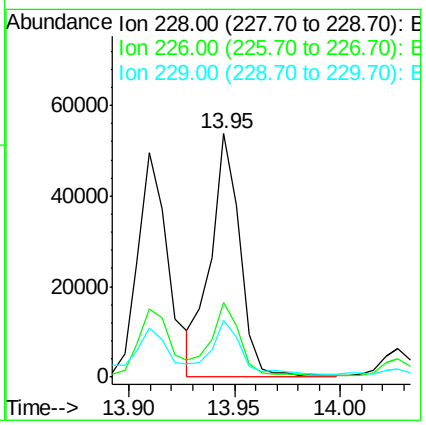


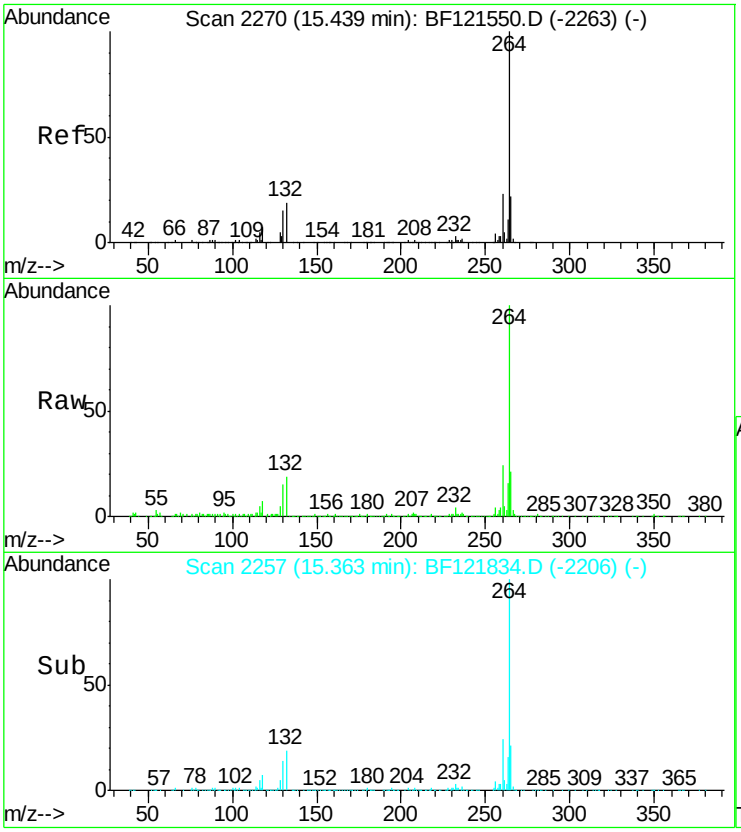


#83
Chrysene
Concen: 2.861 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:228 Resp: 52221

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	23.1	15.9	23.9



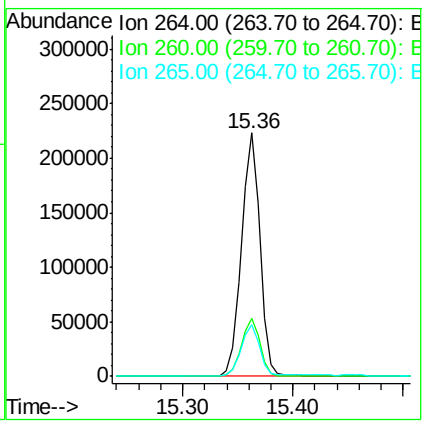


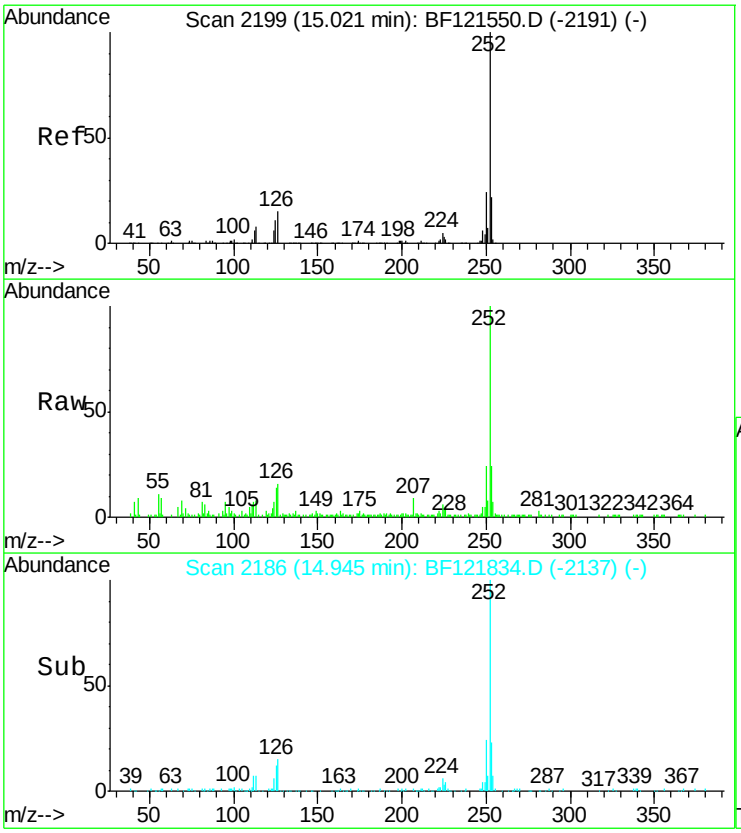
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:264 Resp: 265533

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	17.3	25.9

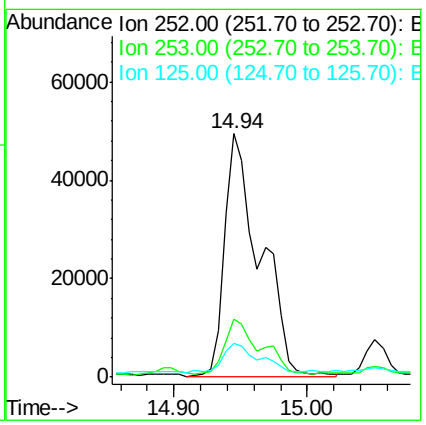


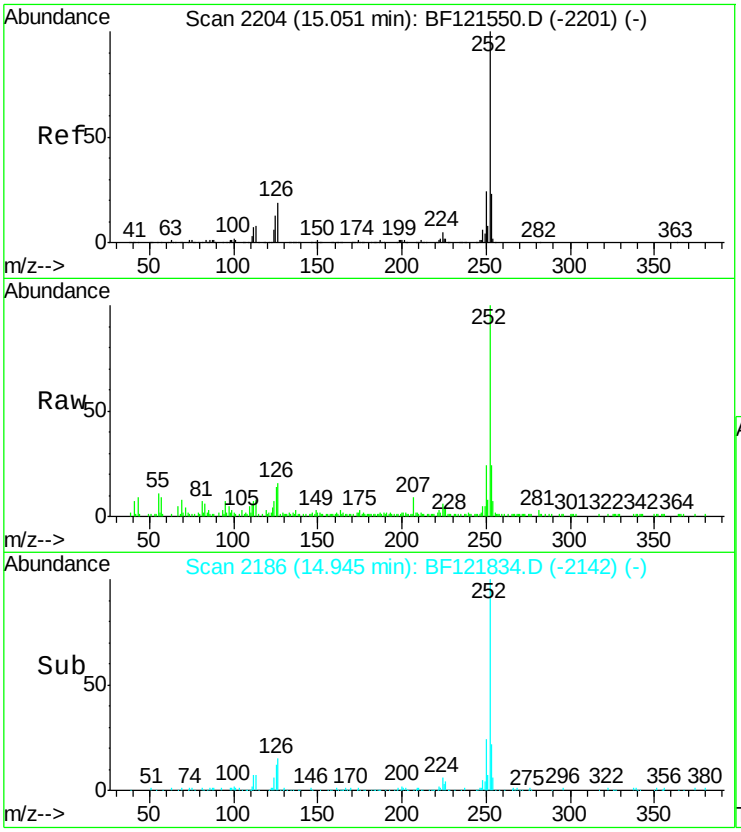


#88
Benzo(b)fluoranthene
Concen: 5.214 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:252 Resp: 92560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	13.9	8.0	12.0#



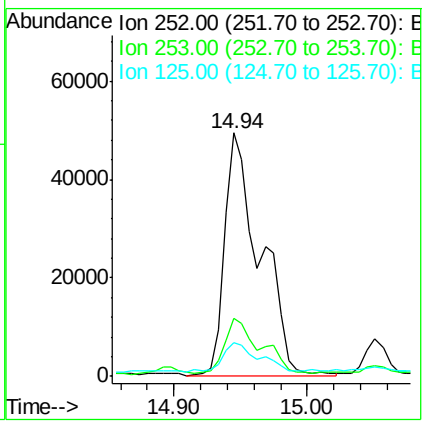


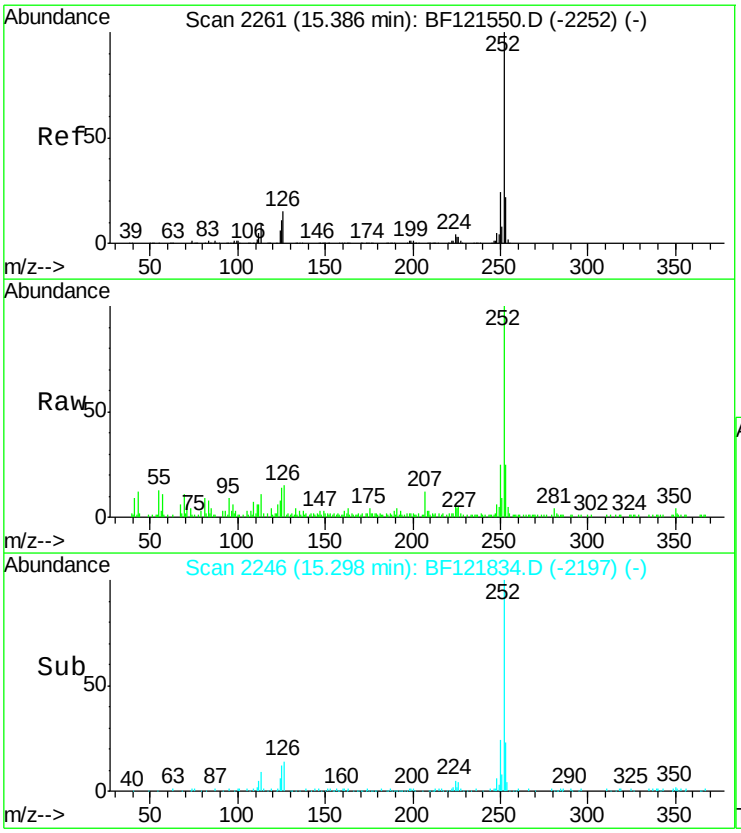
#89
Benzo(k)fluoranthene
Concen: 5.694 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TR-05-100120

Tgt Ion:252 Resp: 92560

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	13.9	7.7	11.5#





#90
Benzo(a)pyrene
Concen: 2.856 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF121834.D
Acq: 5 Oct 2020 23:58

Tgt Ion:252 Resp: 43094

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	14.4	8.6	13.0#