Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121231.D
Acq On : 7 Aug 2020 14:59
Operator : JU/CG
Sample : L3508-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-080620

Quant Time: Aug 07 15:55:17 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	6.79	152	128116	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	500696	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	260165	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	489427	20.00	ng		0.00
76) Chrysene-d12	13.96	240	317224	20.00	ng		0.00
86) Perylene-d12	15.42	264	329617	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	136860	17.51	ng		-0.01
7) Phenol-d6	6.43	99	173966	17.23	ng		-0.02
23) Nitrobenzene-d5	7.36	82	108858	12.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	47834	16.80	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	234674	13.47	ng		-0.01
79) Terphenyl-d14	12.91	244	217987	14.94	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	15634	2.724	ng	#	78
25) Isophorone	7.36	82	108857	6.303	ng	#	62
37) 2-Methylnaphthalene	8.79	142	42053	2.522	ng		99
38) 1-Methylnaphthalene	8.89	142	52628	3.332	ng		99
51) 2,6-Dinitrotoluene	9.83	165	35029	8.687	ng	#	27
52) Acenaphthene	9.86	154	39316	2.460	ng		97
58) Fluorene	10.38	166	52044	3.020	ng		99
65) 4,6-Dinitro-2-methylphenol	10.66	198	108	3.878	ng	#	1
71) Phenanthrene	11.35	178	499159	19.830	ng		99
72) Anthracene	11.40	178	119619	4.733	ng		98
75) Fluoranthene	12.54	202	562726	20.169	ng		98
78) Pyrene	12.77	202	724933	32.323	ng		98
81) Benzo(a)anthracene	13.95	228	280557	14.605	ng		98
83) Chrysene	13.99	228	289288	14.330	ng		97
87) Indeno(1,2,3-cd)pyrene	16.86	276	98763	4.308	ng		97
88) Benzo(b)fluoranthene	15.00	252	311321	15.625	ng	#	98
89) Benzo(k)fluoranthene	15.00	252	311321	17.133	ng	#	98
90) Benzo(a)pyrene	15.36	252	200550	11.033	ng		99
92) Benzo(g,h,i)perylene	17.29	276	103014	5.579	ng		98

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

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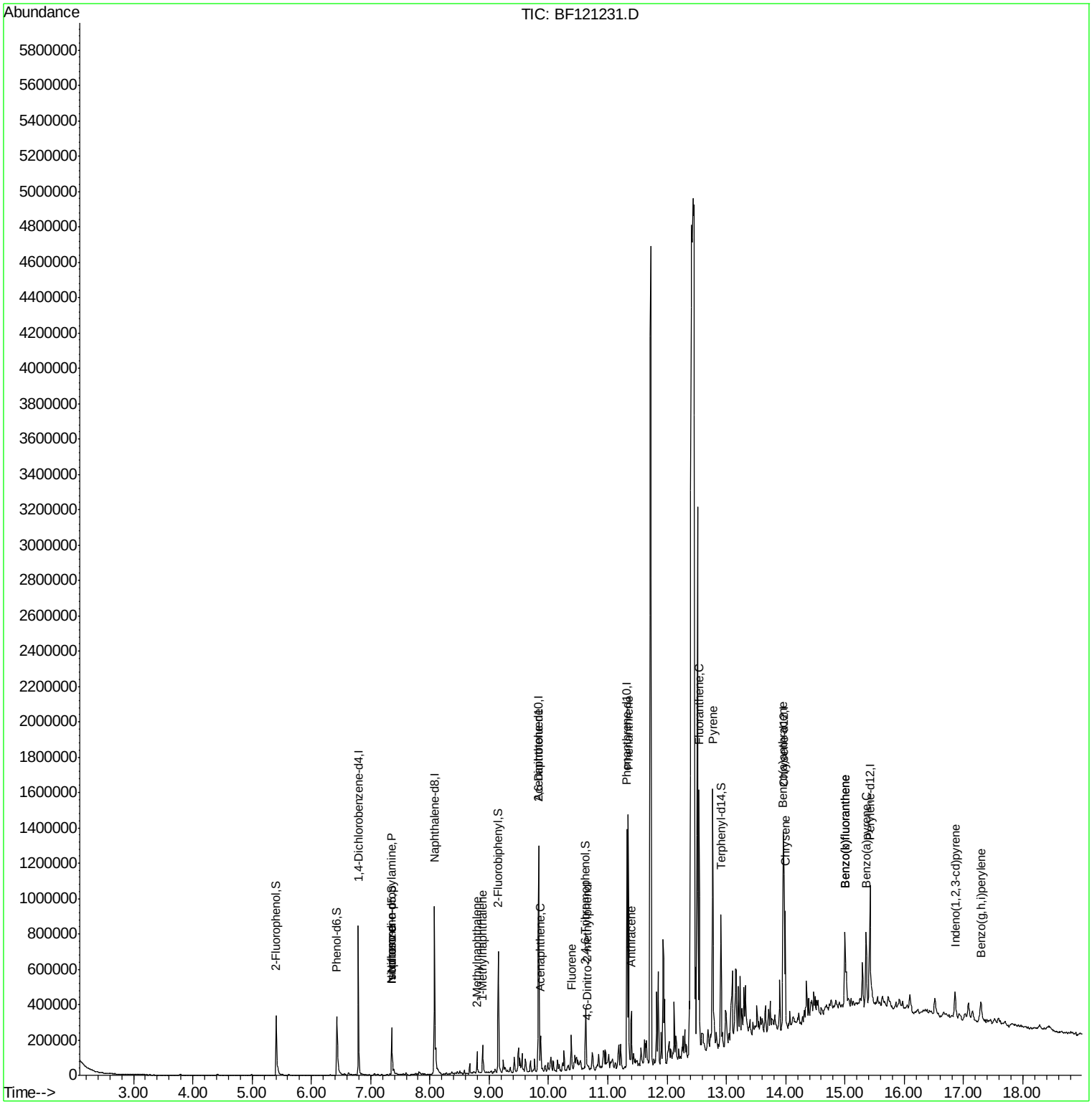
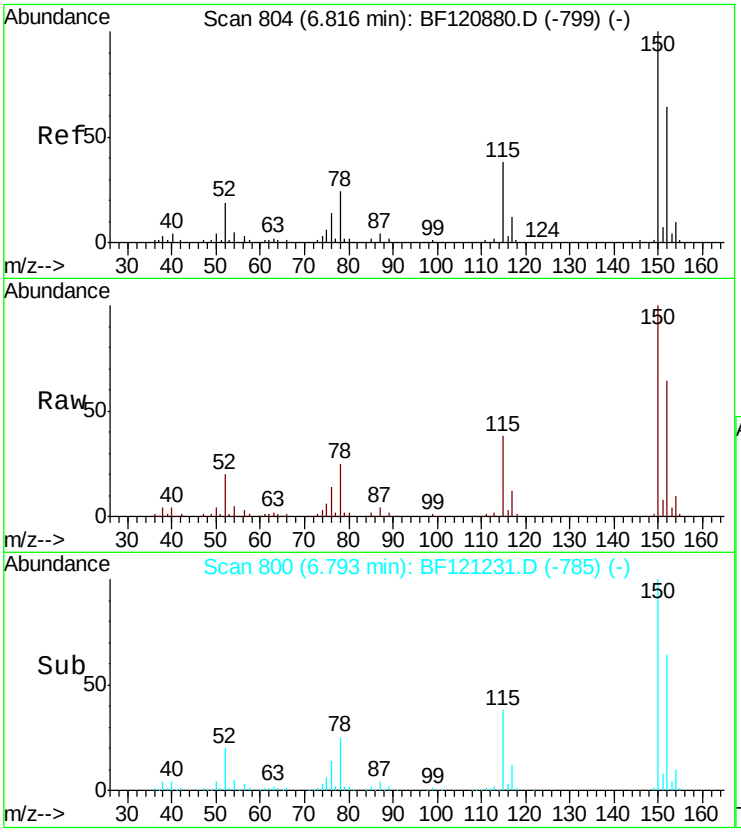


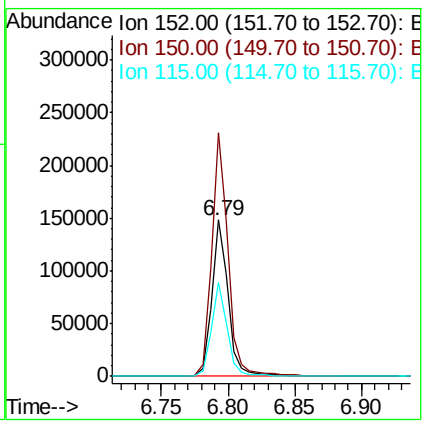


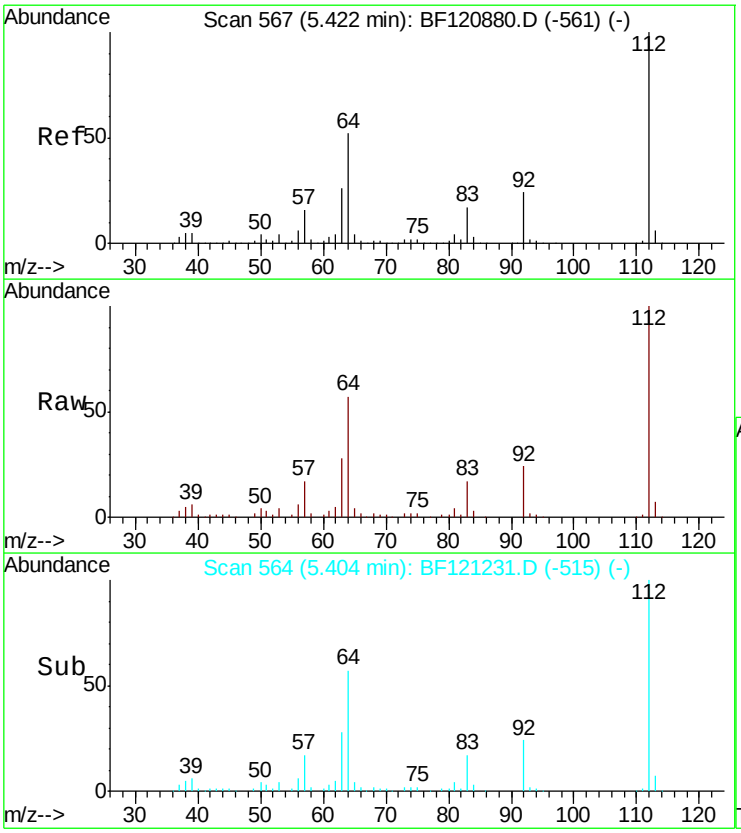
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:152 Resp: 128116

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.6	188.4
115	59.9	46.2	69.2

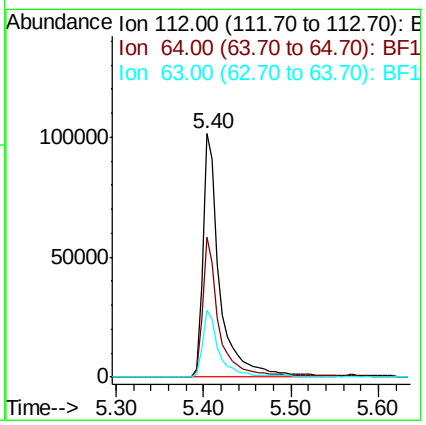


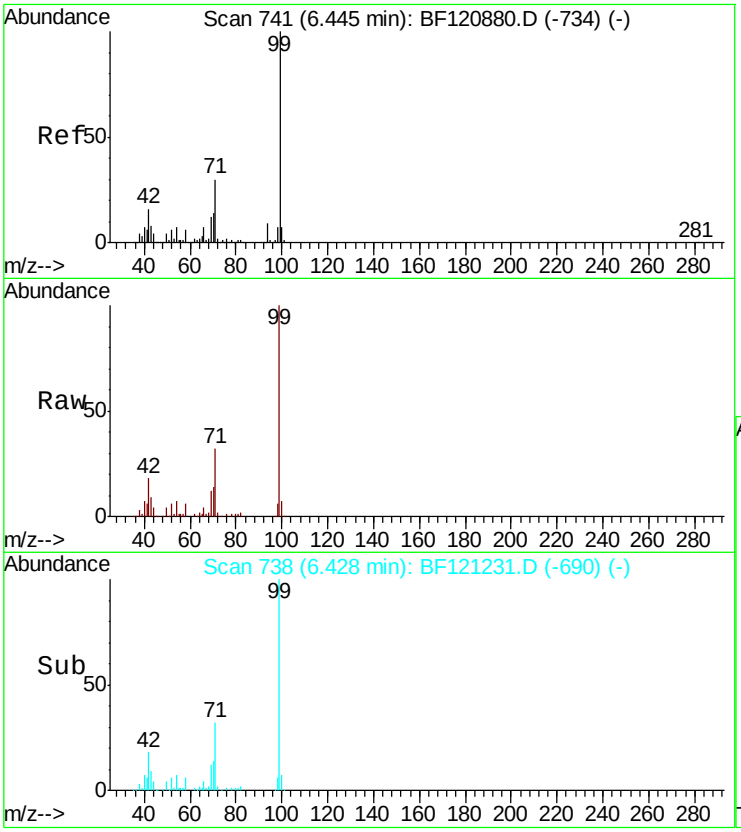


#5
2-Fluorophenol
Concen: 17.512 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:112 Resp: 136860

Ion	Ratio	Lower	Upper
112	100		
64	57.3	43.9	65.9
63	27.5	22.7	34.1



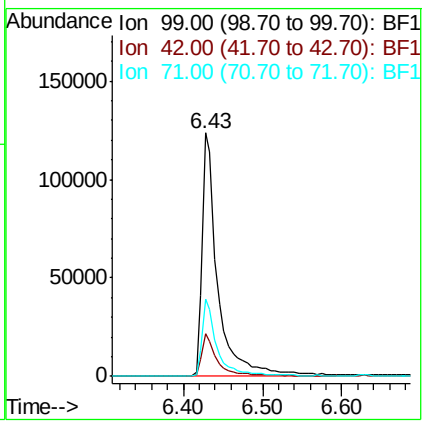


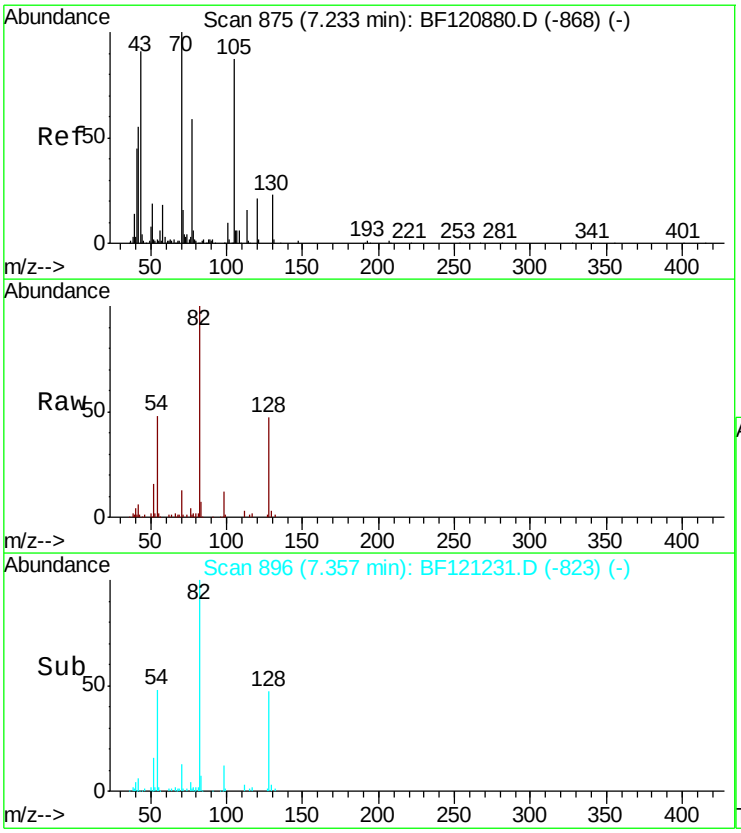
#7
Phenol-d6
Concen: 17.233 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion: 99 Resp: 173966

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	31.5	25.0	37.4

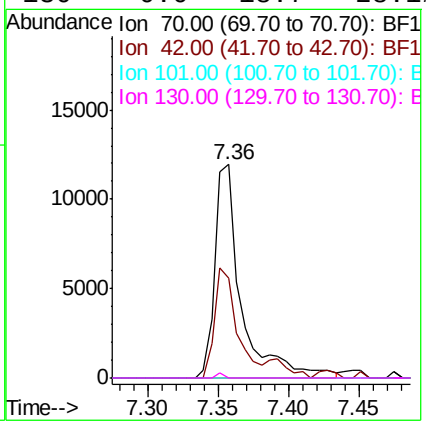


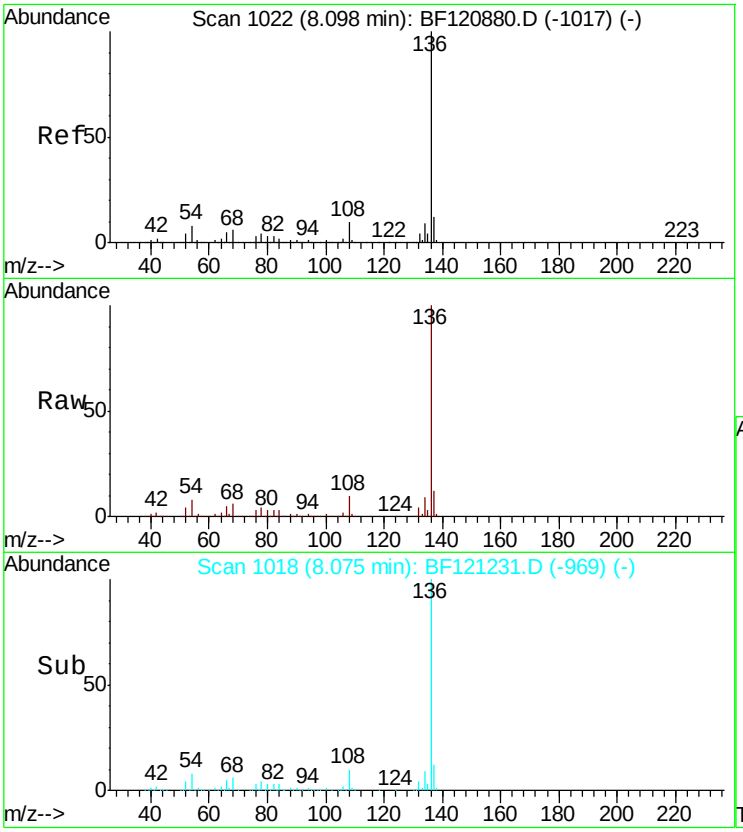


#19
n-Nitroso-di-n-propylamine
Concen: 2.724 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion: 70 Resp: 15634

Ion	Ratio	Lower	Upper
70	100		
42	47.0	43.3	64.9
101	0.0	8.4	12.6#
130	0.0	18.7	28.1#



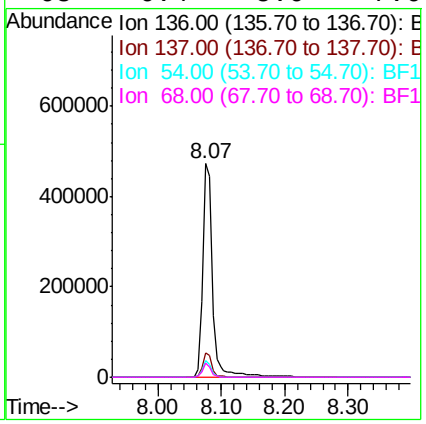


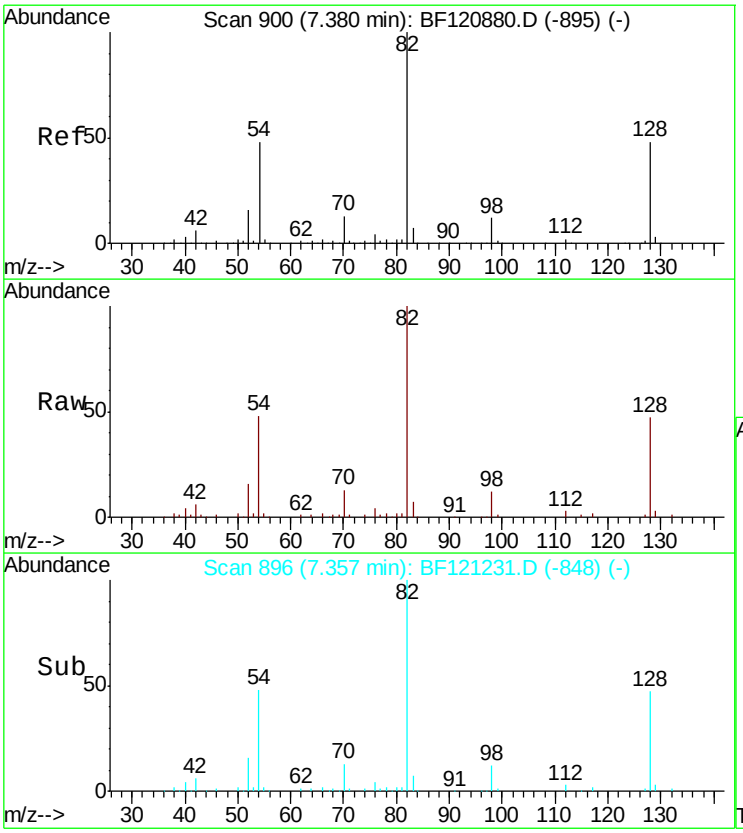
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:136 Resp: 500696

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.9	6.1	9.1
68	6.4	5.0	7.6

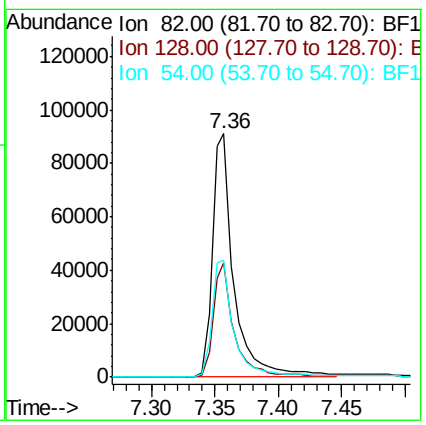


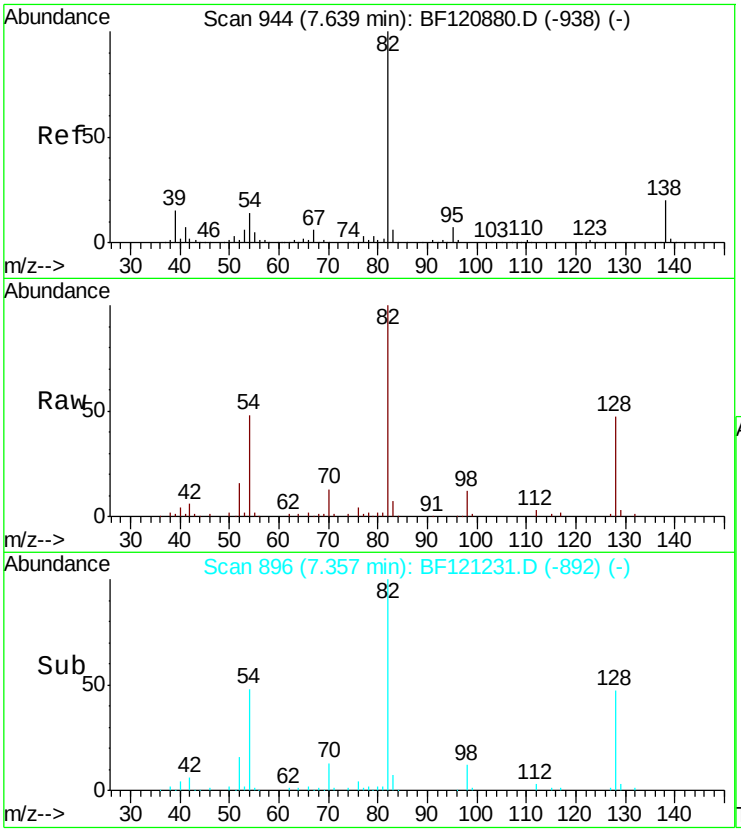


#23
Nitrobenzene-d5
Concen: 12.580 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion: 82 Resp: 108858

Ion	Ratio	Lower	Upper
82	100		
128	47.2	39.2	58.8
54	47.8	37.8	56.8



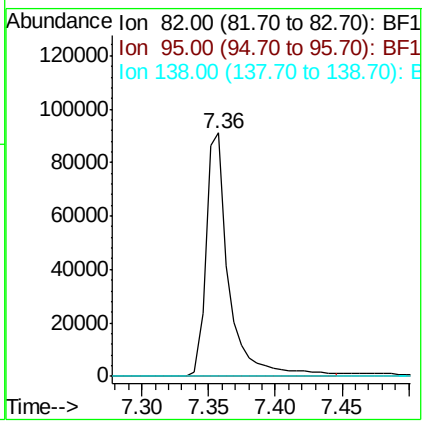


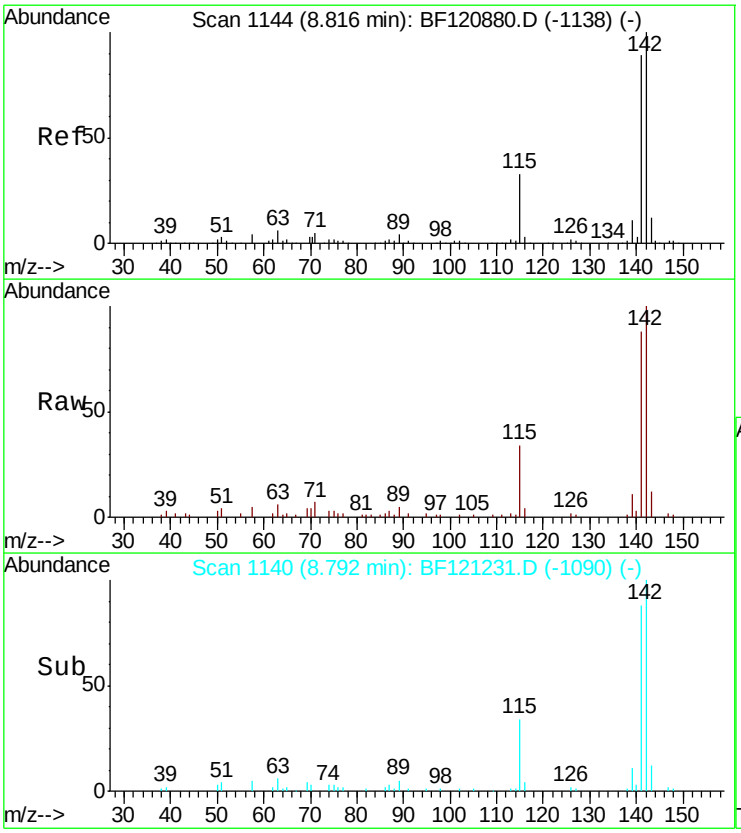
#25
Isophorone
Concen: 6.303 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion: 82 Resp: 108857

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

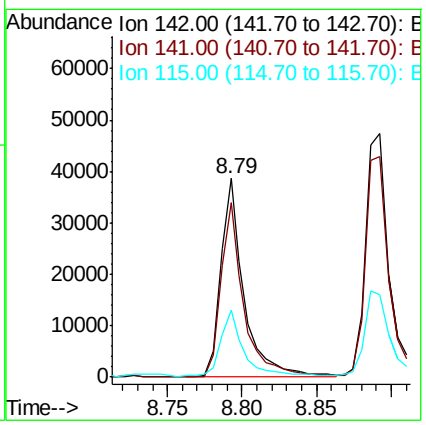


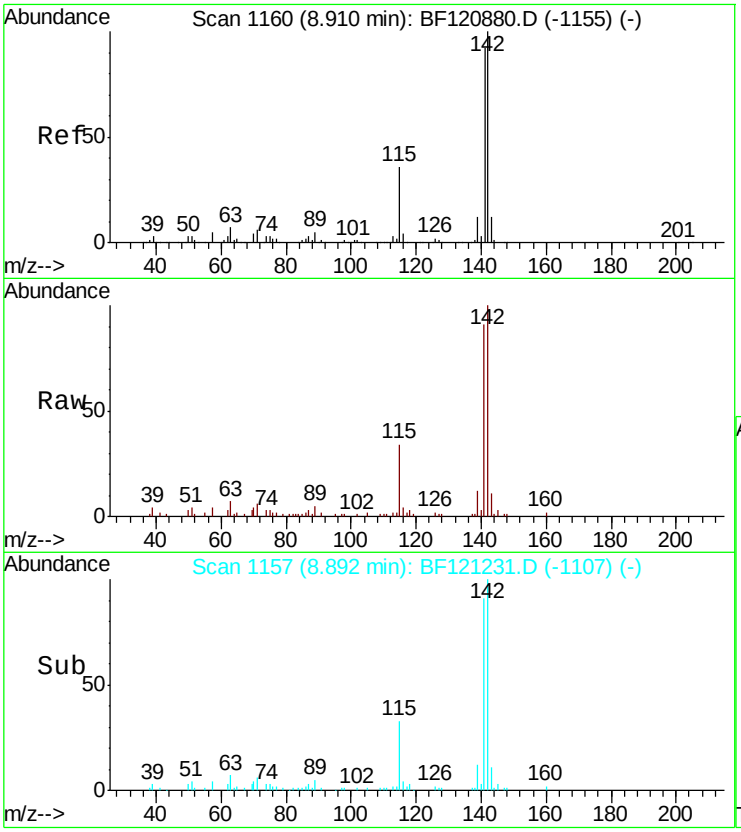


#37
2-Methylnaphthalene
Concen: 2.522 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:142 Resp: 42053

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.6	105.8
115	33.6	27.1	40.7



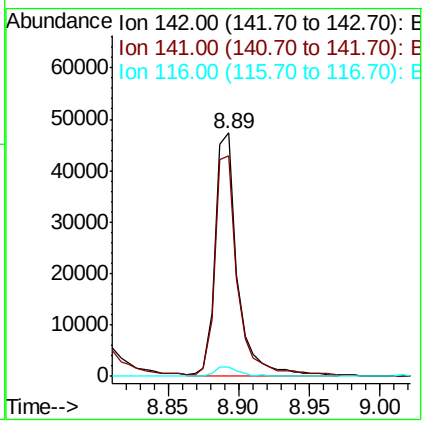


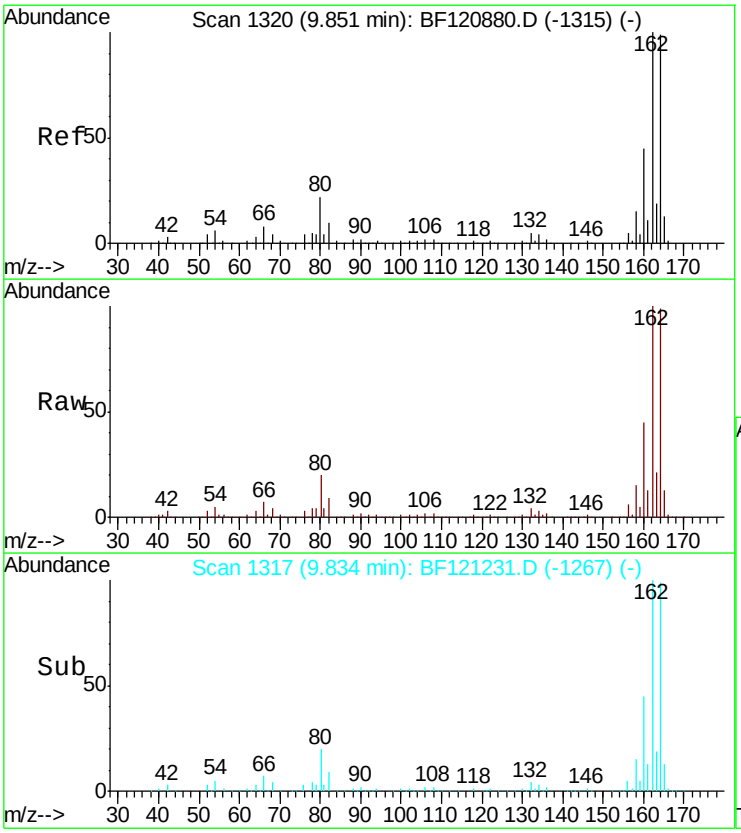
#38
1-Methylnaphthalene
Concen: 3.332 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:142 Resp: 52628

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.0	109.6
116	3.8	3.0	4.6

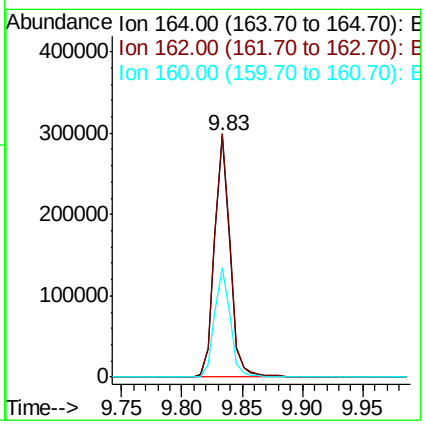


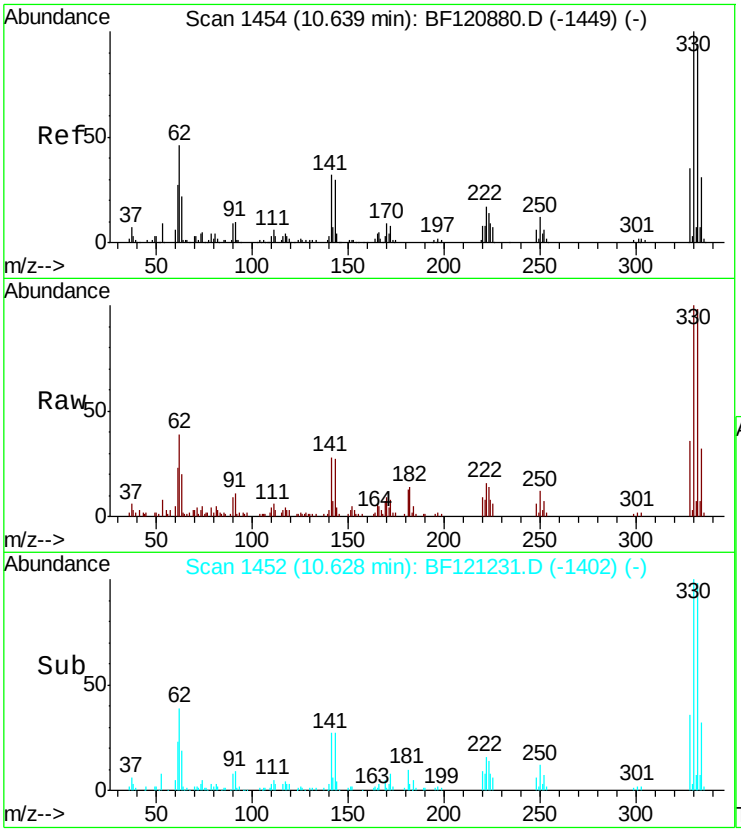


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:164 Resp: 260165

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.2	37.2	55.8



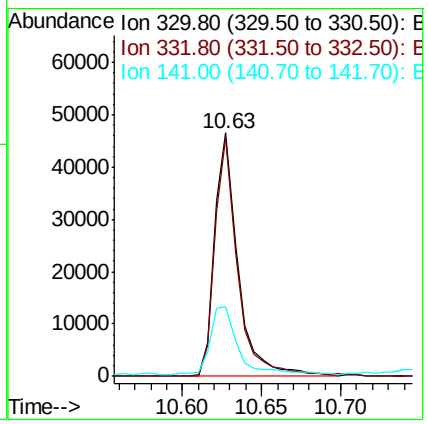


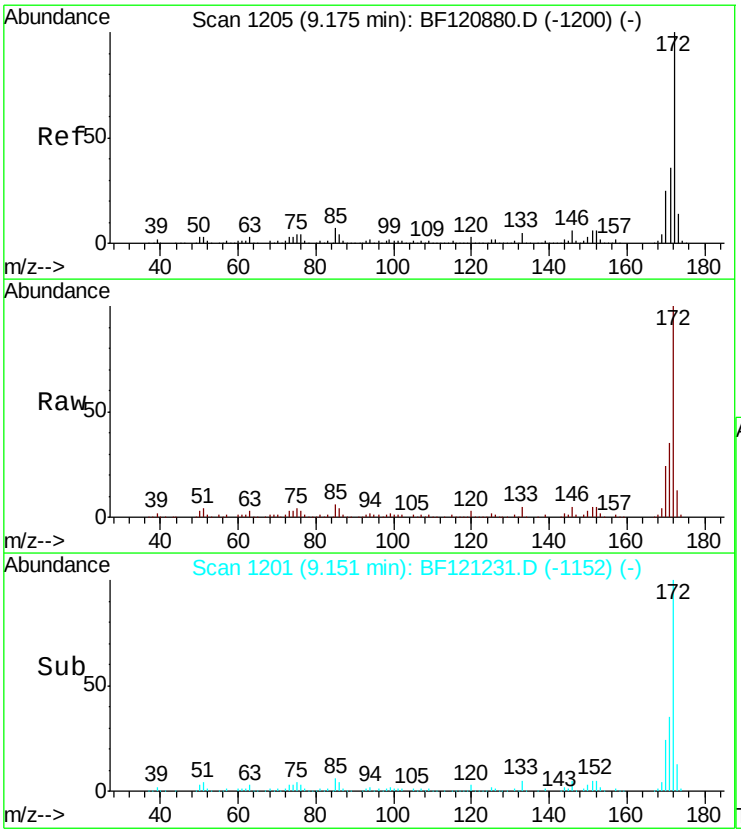
#42
2,4,6-Tribromophenol
Concen: 16.797 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:330 Resp: 47834

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.1	114.1
141	32.3	24.1	36.1

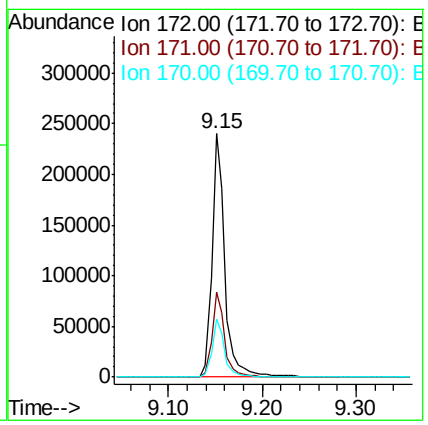


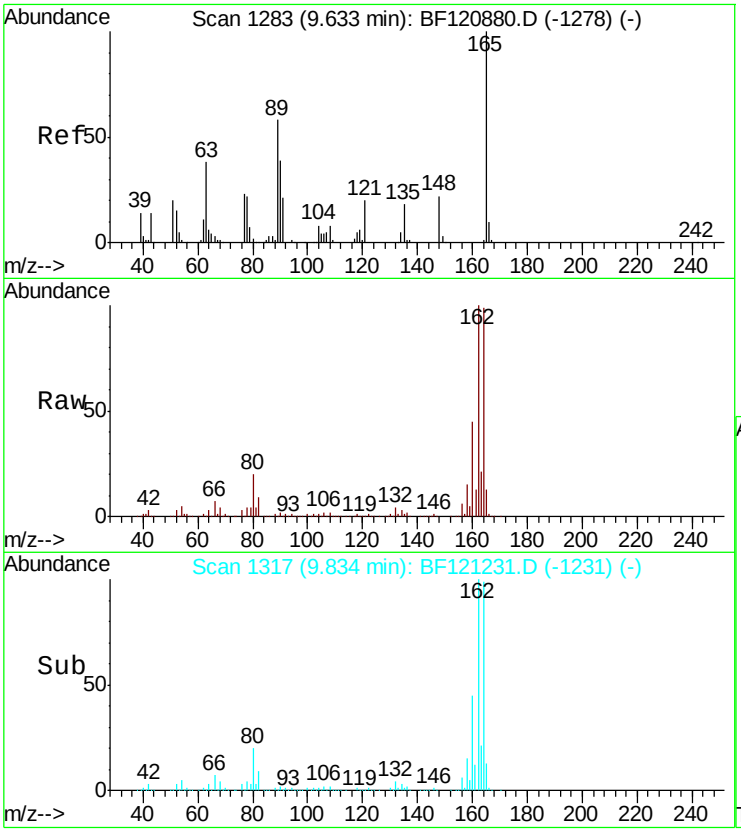


#45
2-Fluorobiphenyl
Concen: 13.468 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:172 Resp: 234674

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.4
170	23.7	19.6	29.4



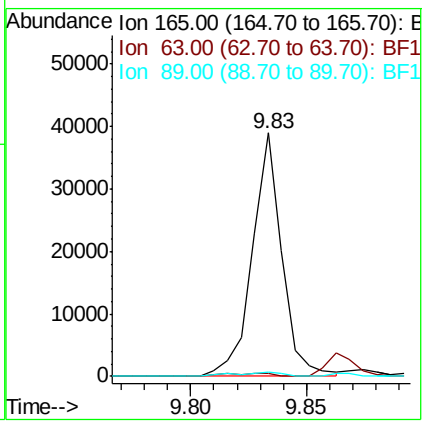


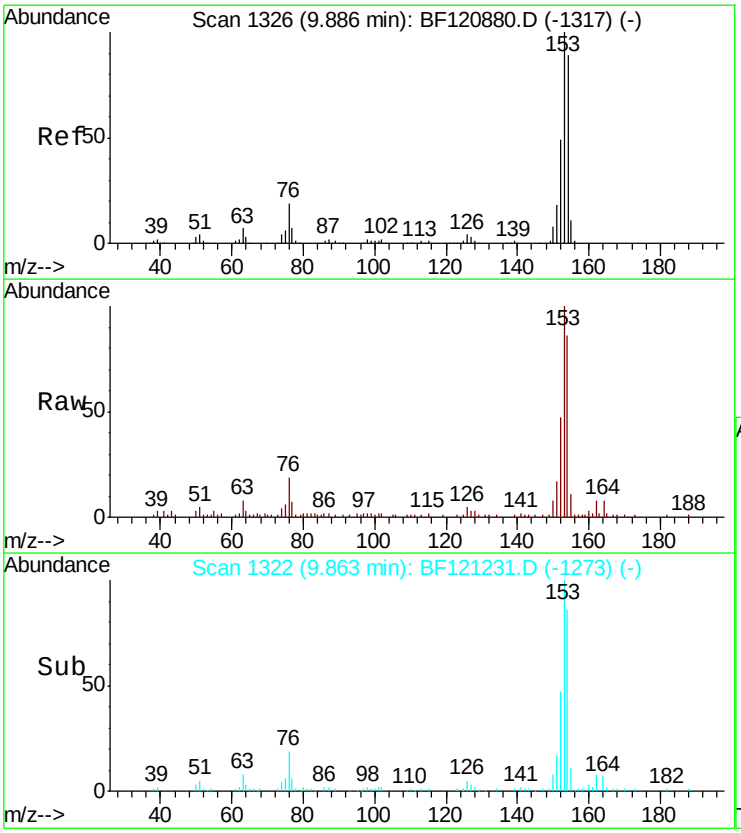
#51
2,6-Dinitrotoluene
Concen: 8.687 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:165 Resp: 35029

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.1	61.7#
89	1.5	43.5	65.3#

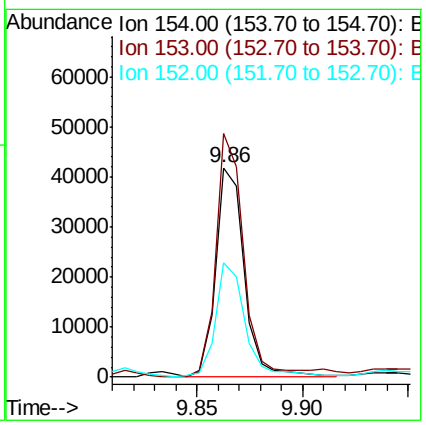


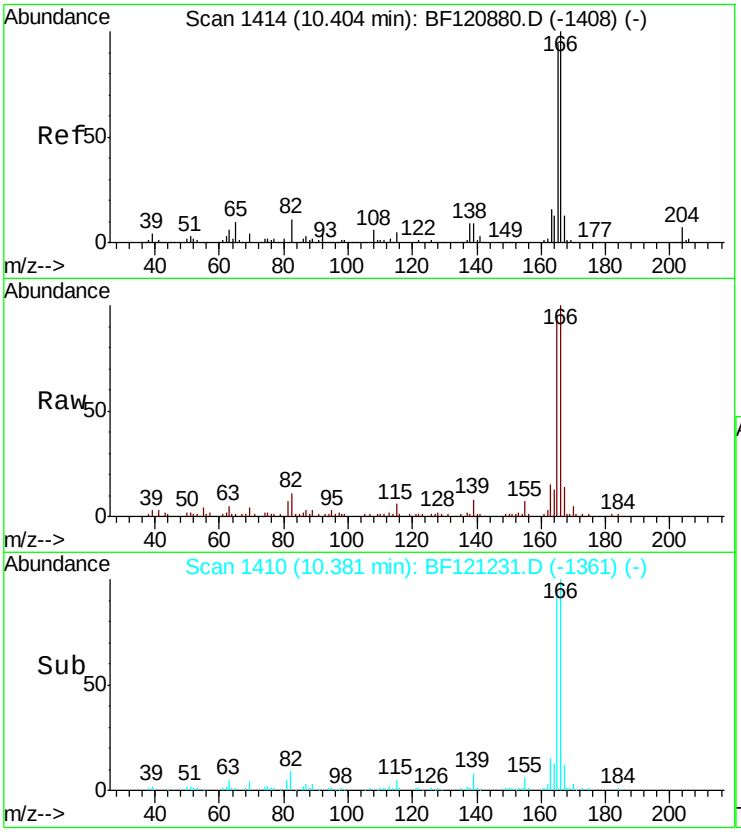


#52
Acenaphthene
Concen: 2.460 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:154 Resp: 39316

Ion	Ratio	Lower	Upper
154	100		
153	116.3	89.6	134.4
152	54.5	43.8	65.6



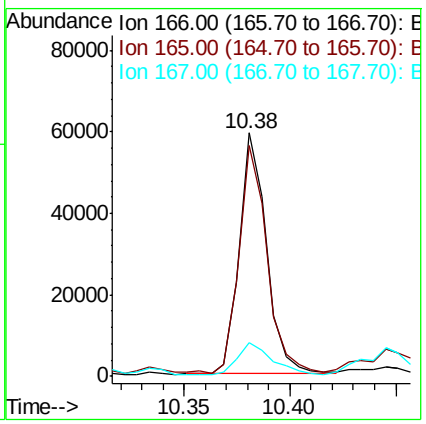


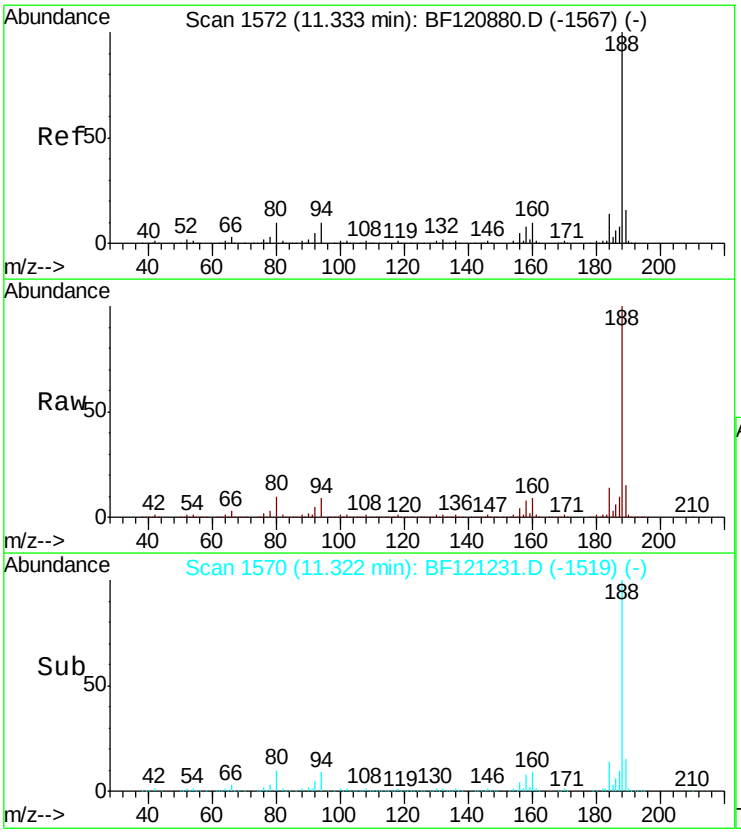
#58
Fluorene
Concen: 3.020 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:166 Resp: 52044

Ion	Ratio	Lower	Upper
166	100		
165	94.6	76.4	114.6
167	13.8	10.7	16.1

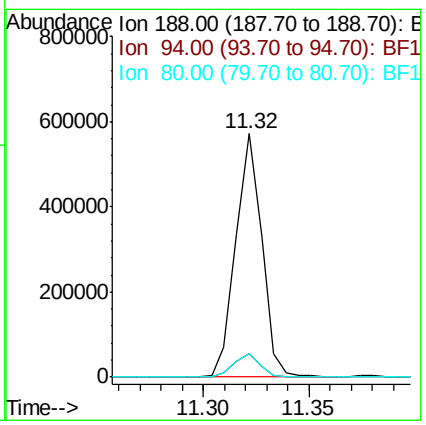


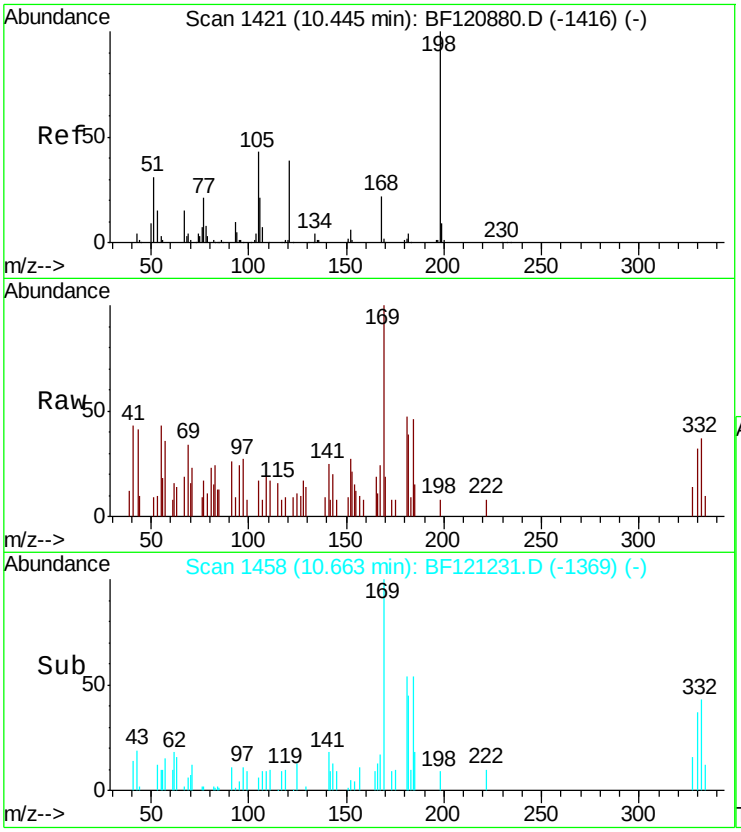


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:188 Resp: 489427

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.7	8.3	12.5



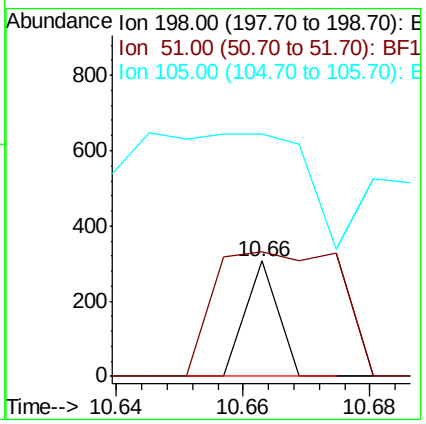


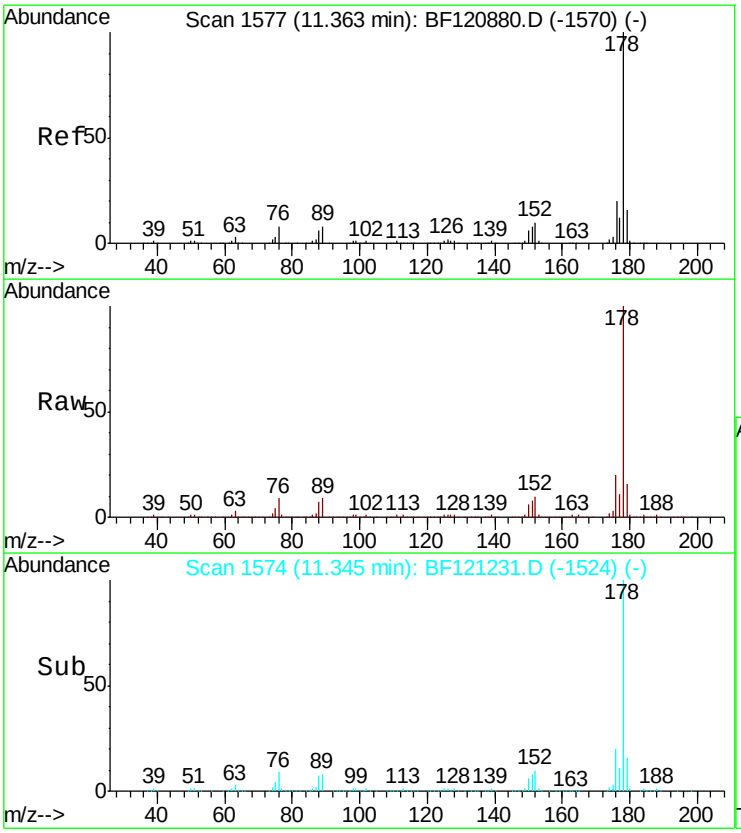
#65
4,6-Dinitro-2-methylphenol
Concen: 3.878 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.22 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	108.1	23.4	63.4#
105	209.8	23.7	63.7#

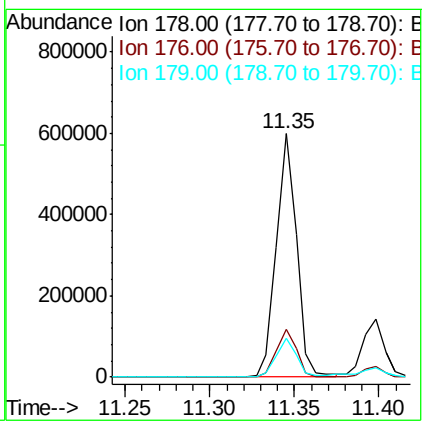


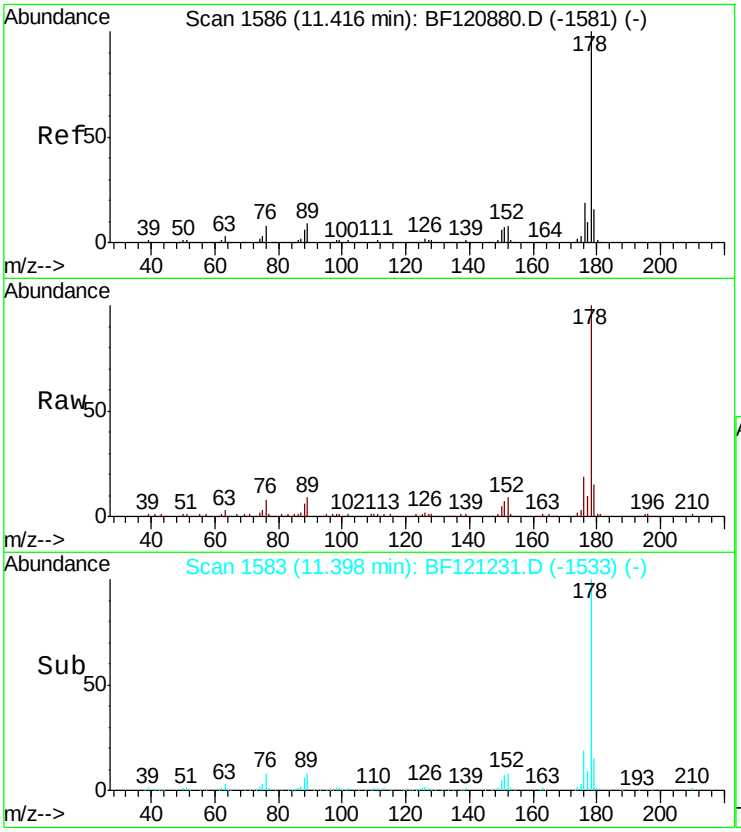


#71
Phenanthrene
Concen: 19.830 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:178 Resp: 499159

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.9	12.6	19.0



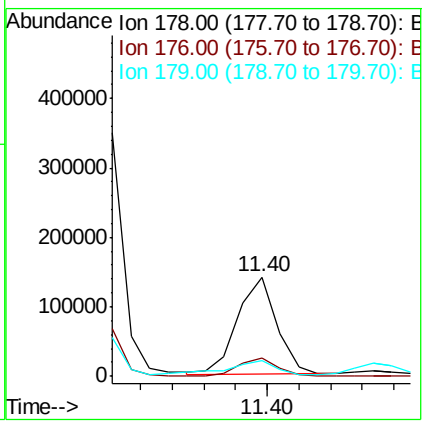


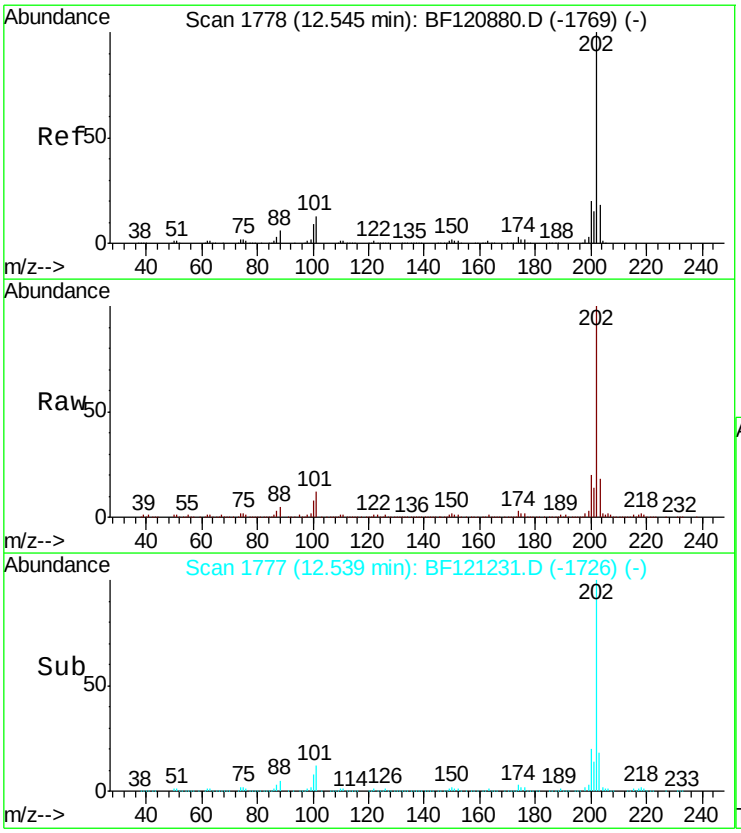
#72
Anthracene
Concen: 4.733 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:178 Resp: 119619

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.5	12.6	19.0

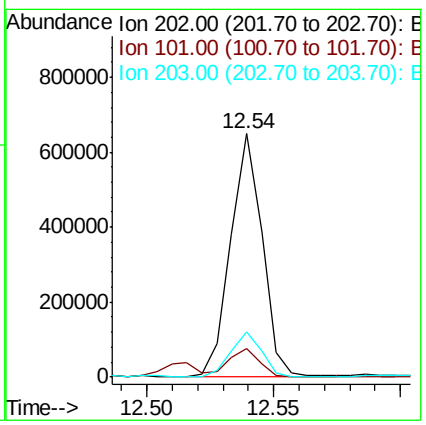


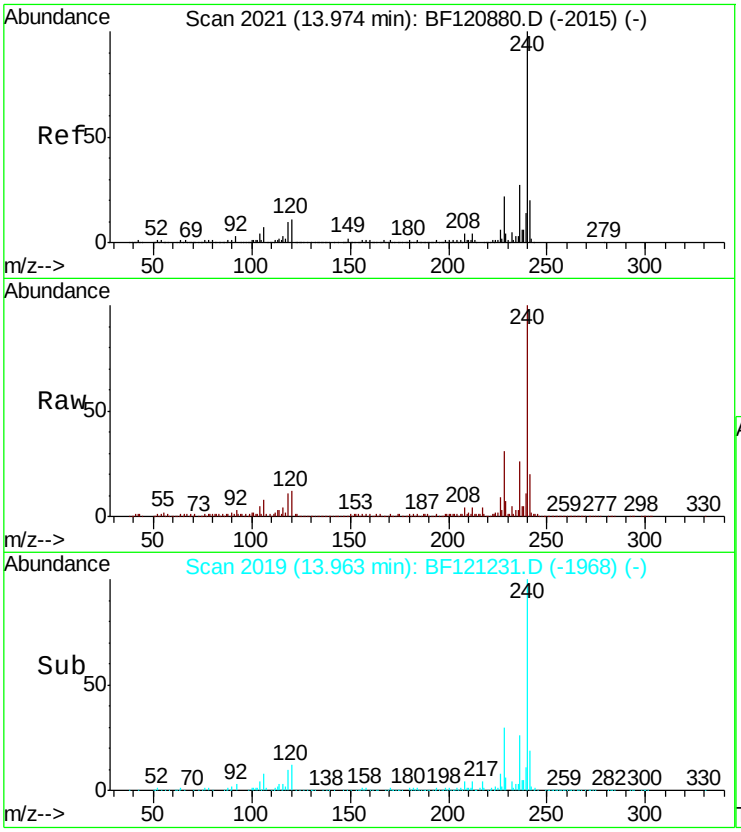


#75
Fluoranthene
Concen: 20.169 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:202 Resp: 562726

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.5
203	18.4	0.0	37.7



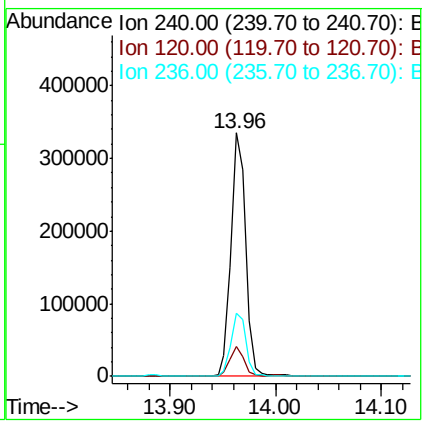


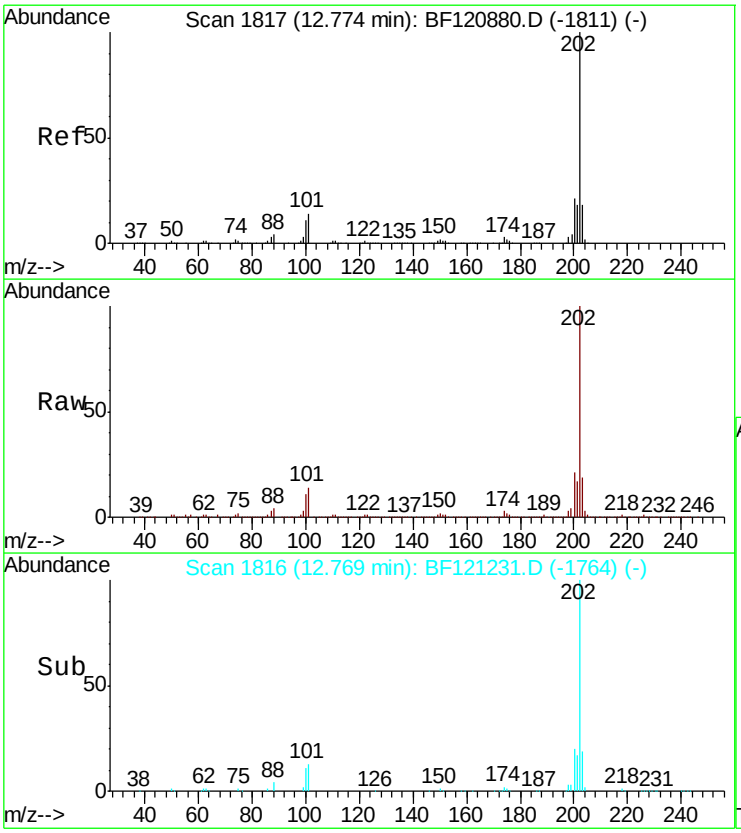
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:240 Resp: 317224

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	25.9	21.1	31.7

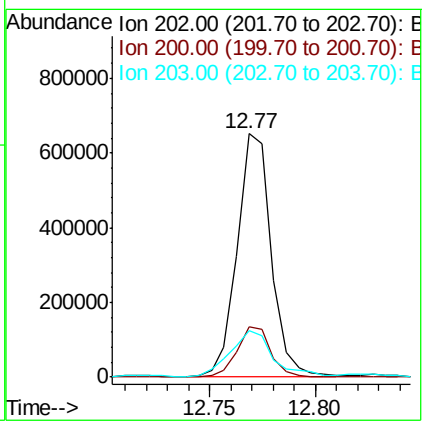


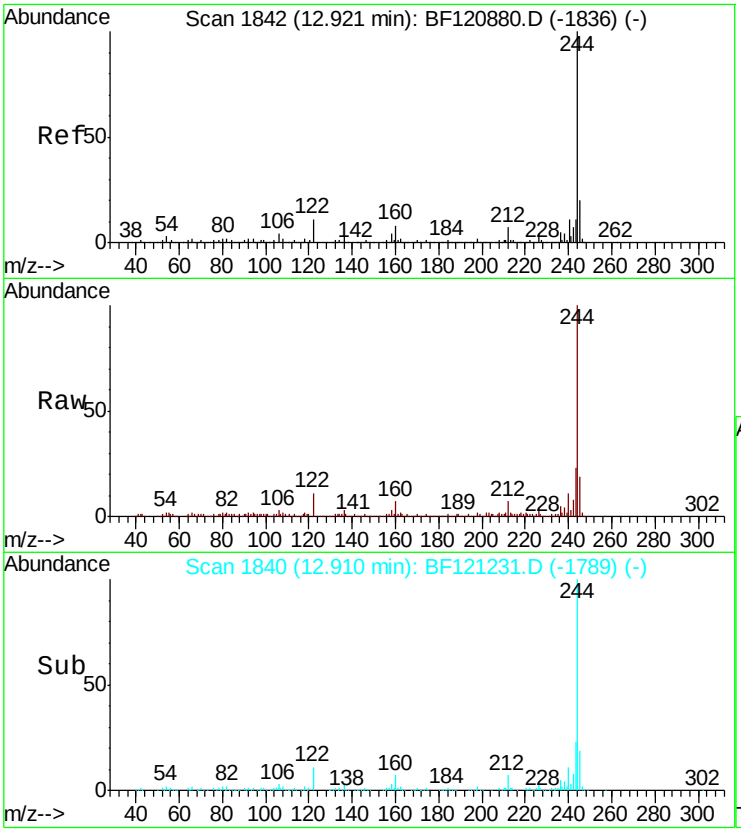


#78
Pyrene
Concen: 32.323 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:202 Resp: 724933

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	19.1	14.6	21.8



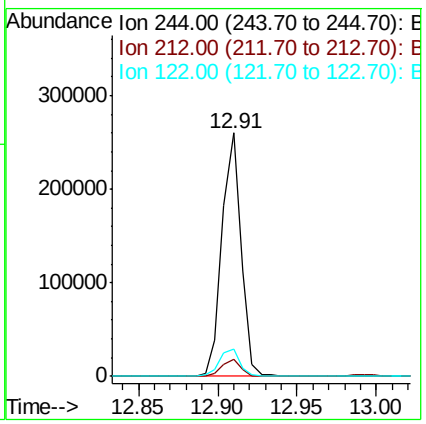


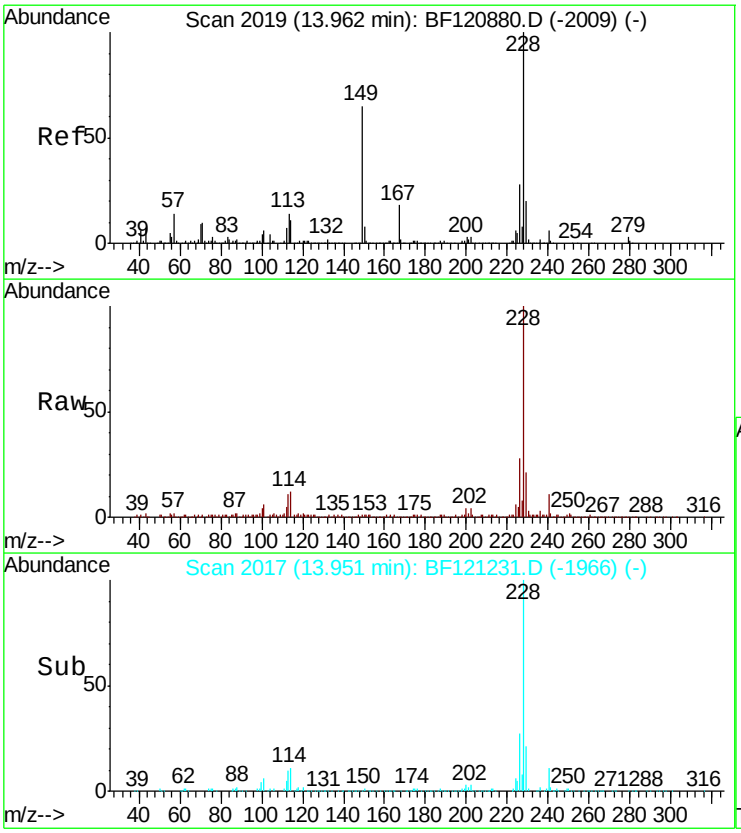
#79
Terphenyl-d14
Concen: 14.938 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:244 Resp: 217987

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.1	8.3	12.5

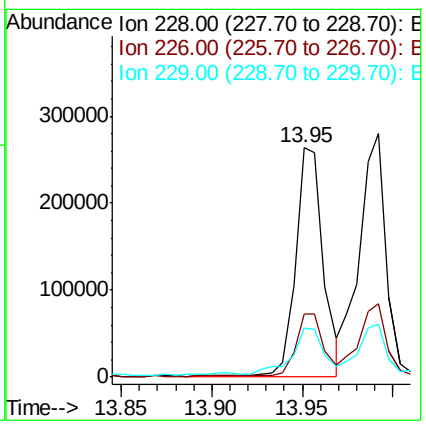


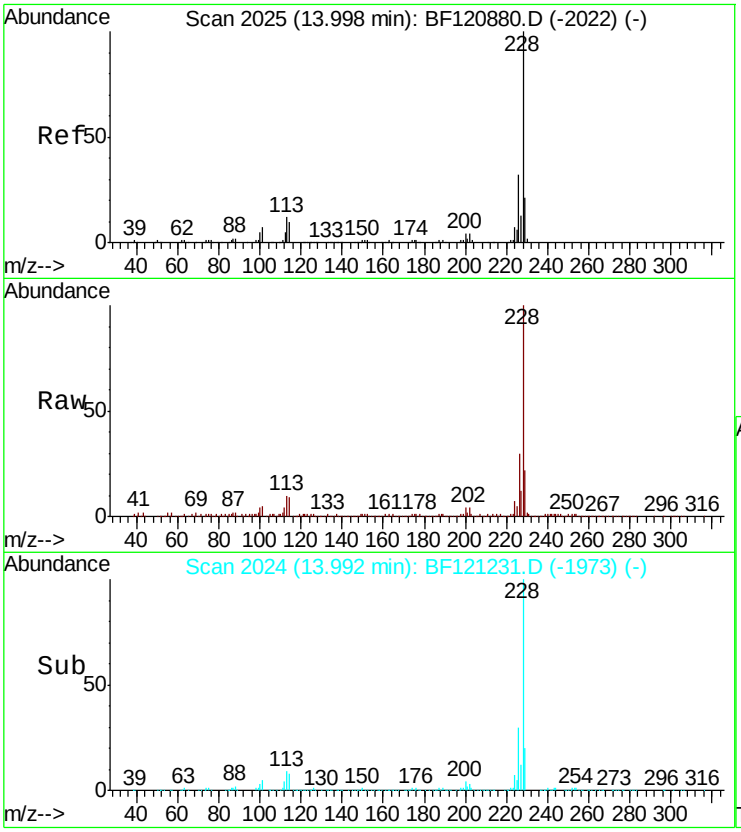


#81
Benzo(a)anthracene
Concen: 14.605 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:228 Resp: 280557

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	21.3	16.1	24.1



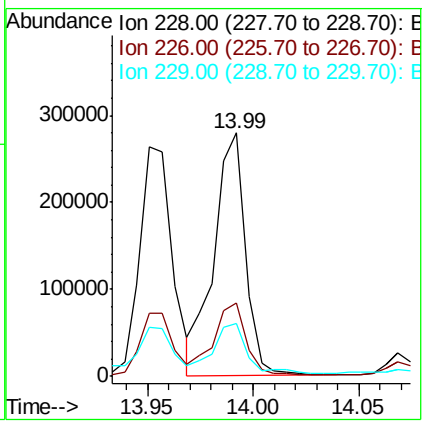


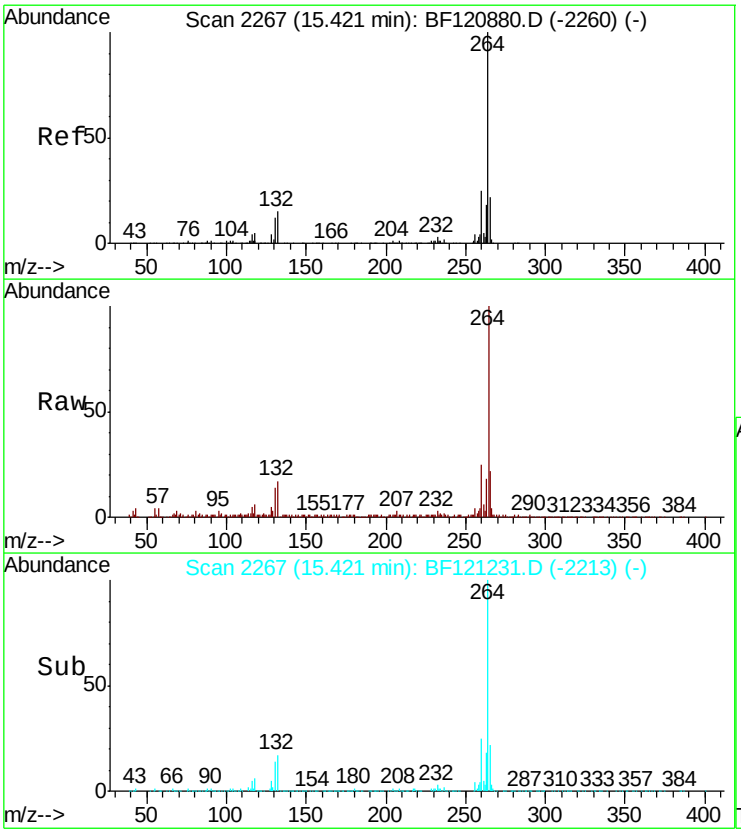
#83
Chrysene
Concen: 14.330 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:228 Resp: 289288

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	21.5	16.2	24.4

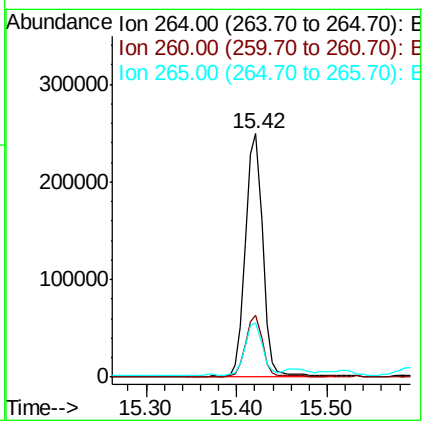


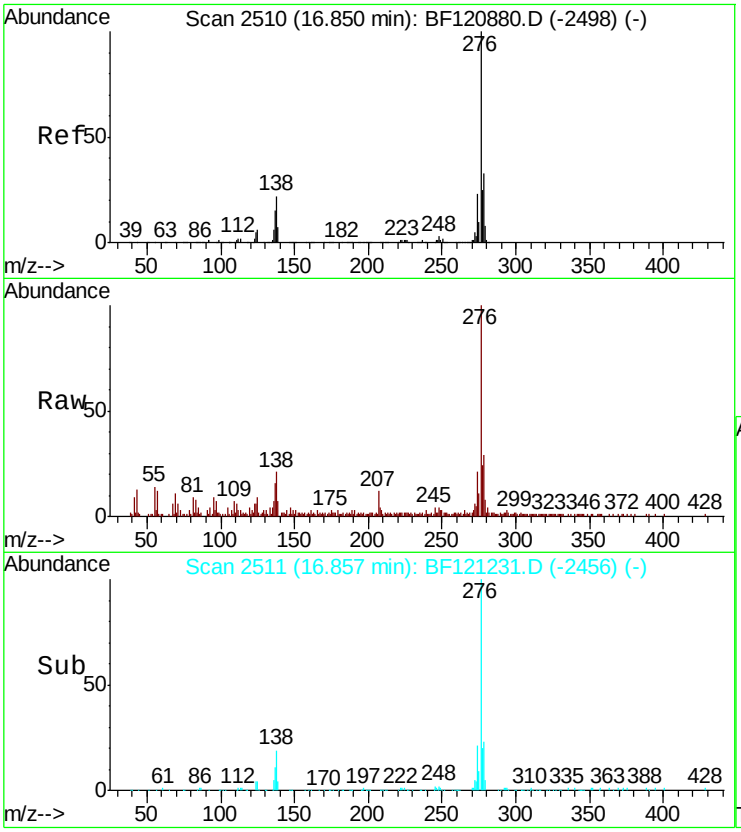


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:264 Resp: 329617

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.9	29.9
265	22.4	17.8	26.8



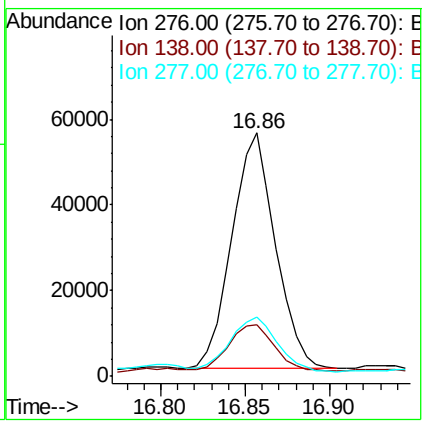


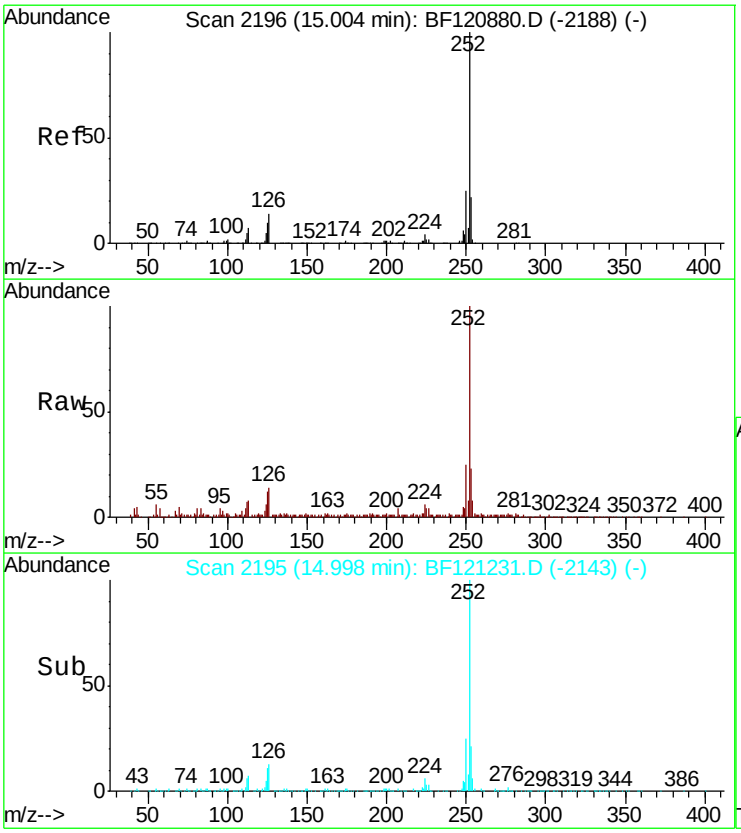
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.308 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.02 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:276 Resp: 98763

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.3	28.9
277	24.9	20.1	30.1

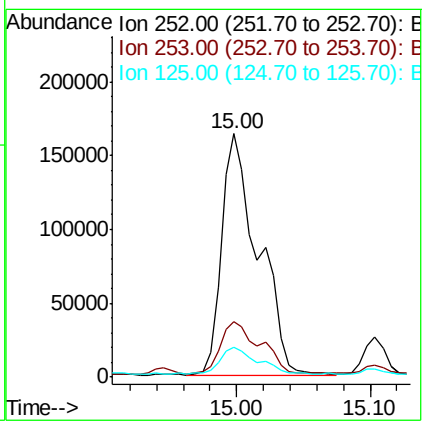


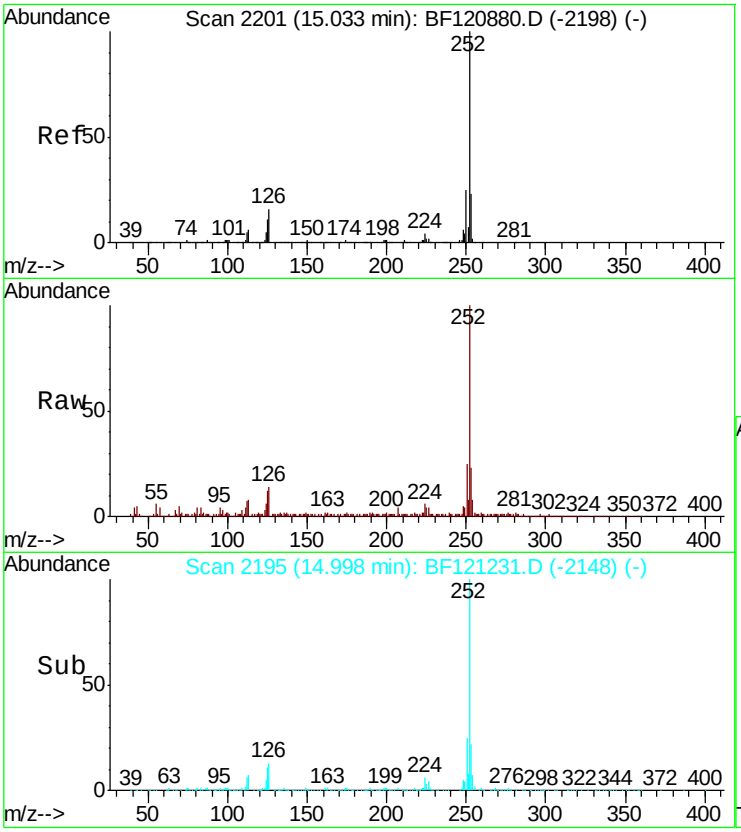


#88
Benzo(b)fluoranthene
Concen: 15.625 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:252 Resp: 311321

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	8.1	12.1#



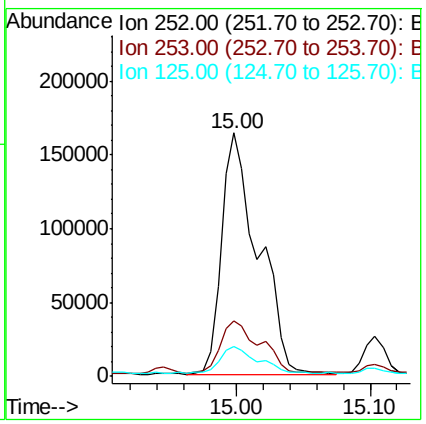


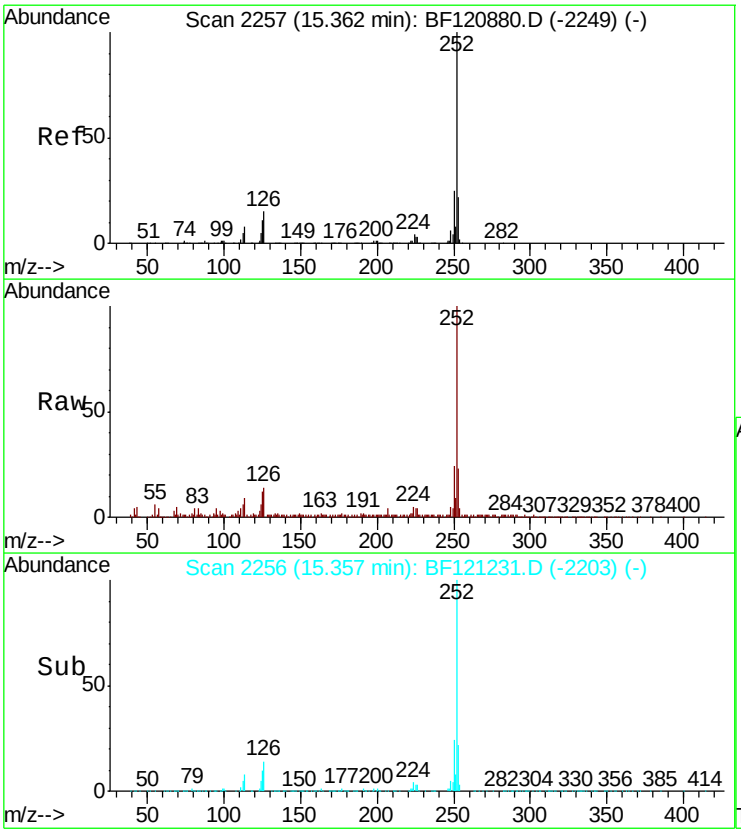
#89
Benzo(k)fluoranthene
Concen: 17.133 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:252 Resp: 311321

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.2	8.0	12.0#

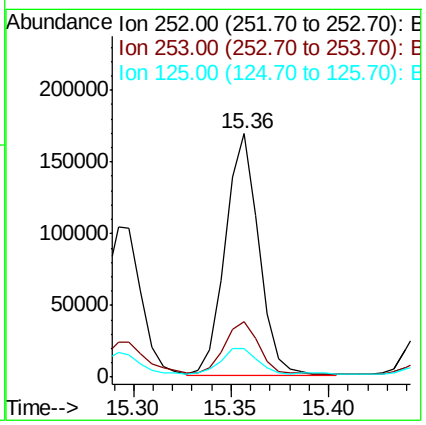


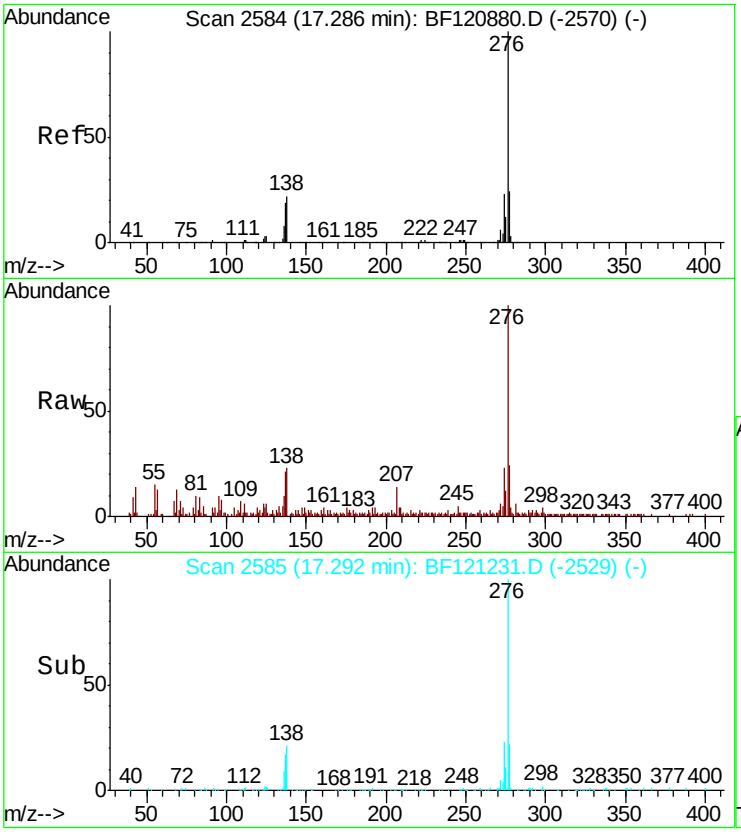


#90
Benzo(a)pyrene
Concen: 11.033 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Tgt Ion:252 Resp: 200550

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.6	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 5.579 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121231.D
Acq: 7 Aug 2020 14:59

Instrument :
BNA_F
ClientSampleId :
TR-04-080620

Tgt Ion:276 Resp: 103014

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.4	29.0
138	23.0	17.2	25.8