Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121226.D
Acq On : 7 Aug 2020 11:13
Operator : JU/CG
Sample : L3548-04RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-017

Quant Time: Aug 07 11:38:50 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	135335	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	526288	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	275963	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	532316	20.00	ng	0.00
76) Chrysene-d12	13.96	240	455054	20.00	ng	0.00
86) Perylene-d12	15.42	264	417210	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	906451	109.80	ng	0.00
7) Phenol-d6	6.44	99	1133962	106.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	736247	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	337847	111.84	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1375203	74.40	ng	0.00
79) Terphenyl-d14	12.92	244	1399258	66.84	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	1570	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	99074	16.339	ng	# 79
25) Isophorone	7.36	82	723160	39.838	ng	# 62
50) Dimethylphthalate	9.55	163	130519	6.556	ng	98
57) 2,4-Dinitrotoluene	9.83	165	35638	6.345	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	627	4.030	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	19315	3.254	ng	# 1
71) Phenanthrene	11.35	178	97976	3.579	ng	97
75) Fluoranthene	12.53	202	312752	10.306	ng	98
78) Pyrene	12.76	202	272473	8.469	ng	99
81) Benzo(a)anthracene	13.95	228	203632	7.390	ng	100
83) Chrysene	13.99	228	210848	7.281	ng	97
87) Indeno(1,2,3-cd)pyrene	16.84	276	88518	3.051	ng	97
88) Benzo(b)fluoranthene	14.99	252	402073	15.943	ng	99
89) Benzo(k)fluoranthene	14.99	252	402073	17.482	ng	99
90) Benzo(a)pyrene	15.35	252	127975	5.562	ng	99
92) Benzo(g,h,i)perylene	17.28	276	79918	3.420	ng	98

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

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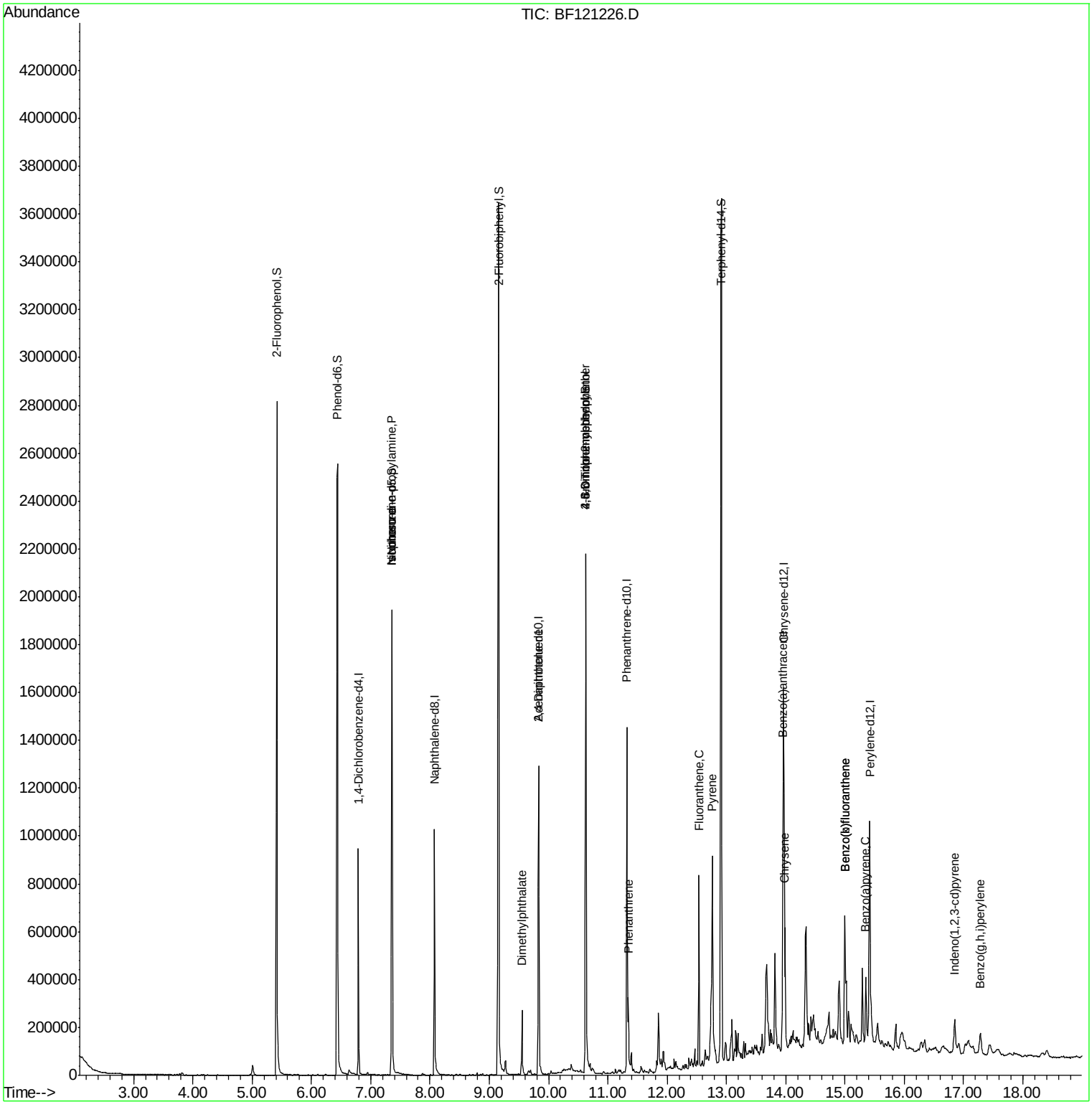
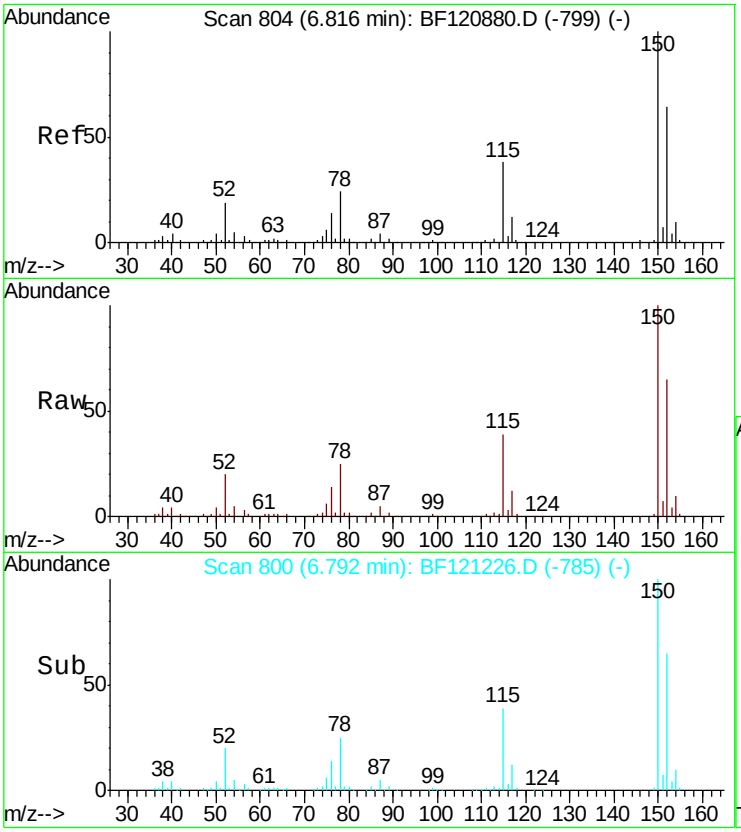


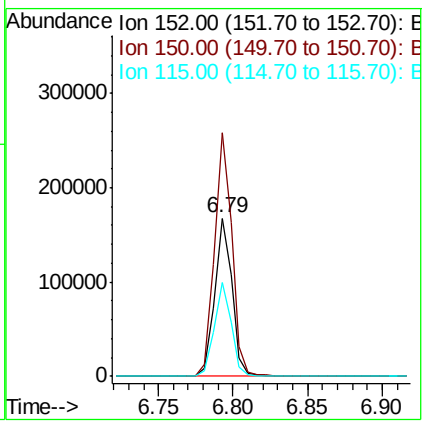


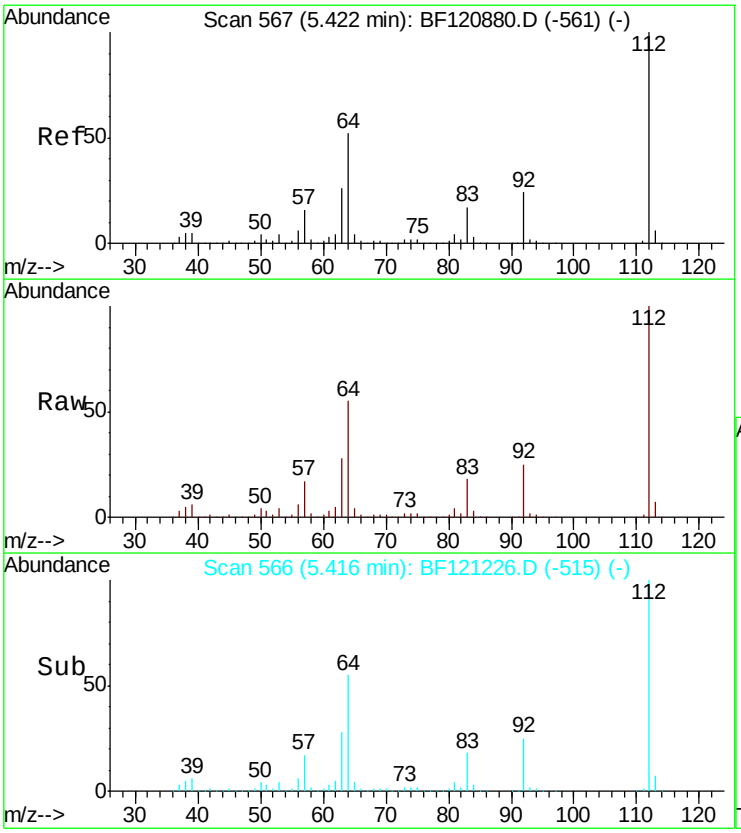
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:152 Resp: 135335

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.6	188.4
115	59.5	46.2	69.2

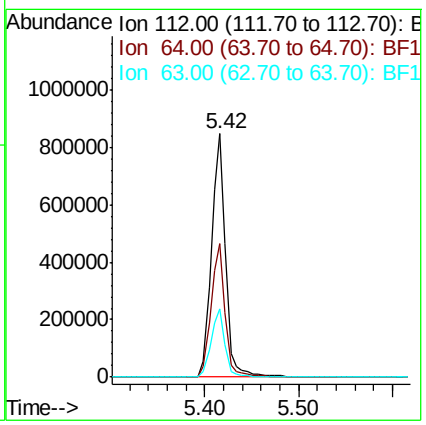


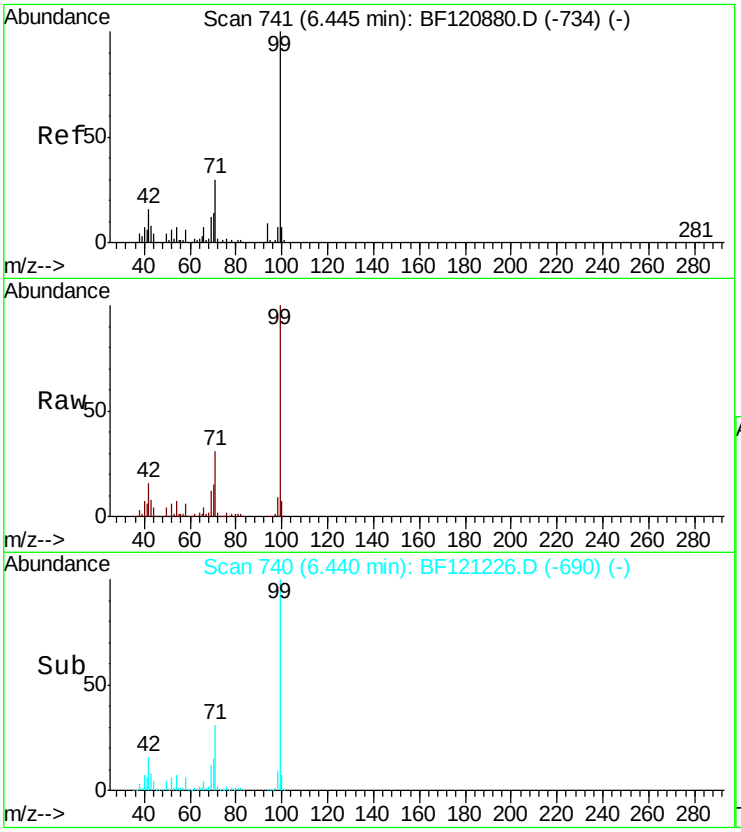


#5
2-Fluorophenol
Concen: 109.801 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:112 Resp: 906451

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.9	65.9
63	28.2	22.7	34.1



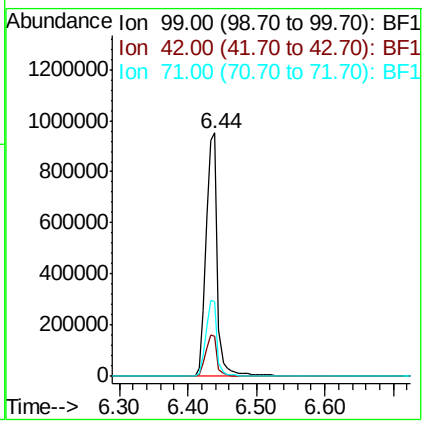


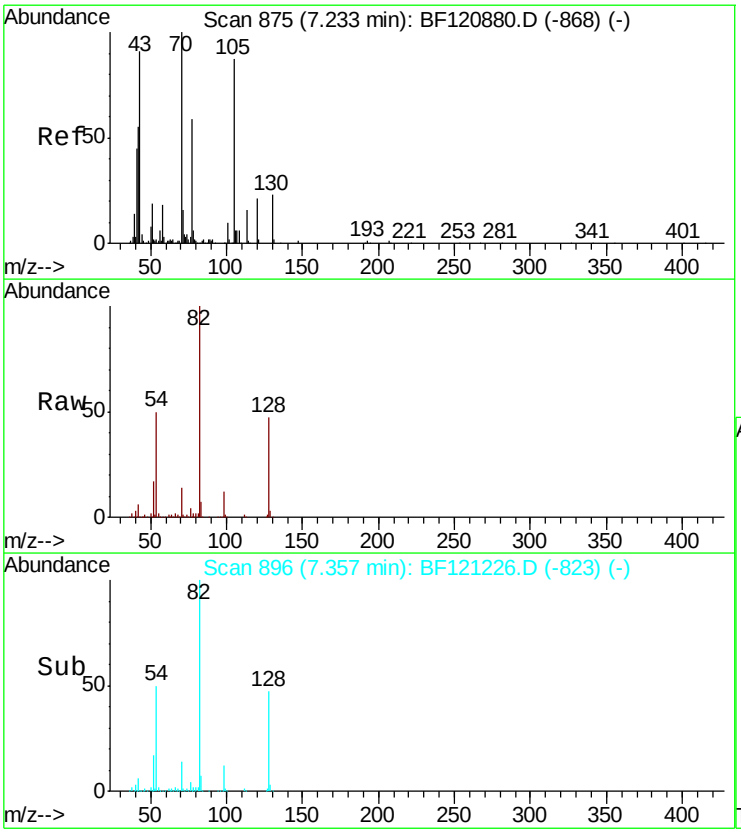
#7
Phenol-d6
Concen: 106.337 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion: 99 Resp: 1133962

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	30.7	25.0	37.4

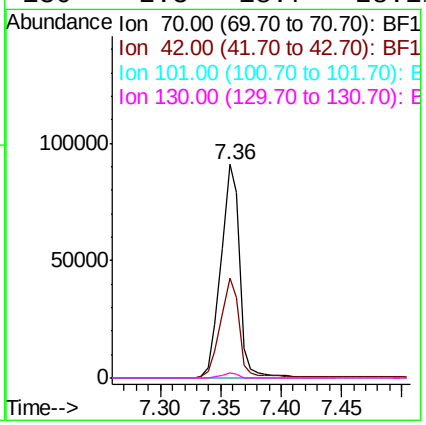


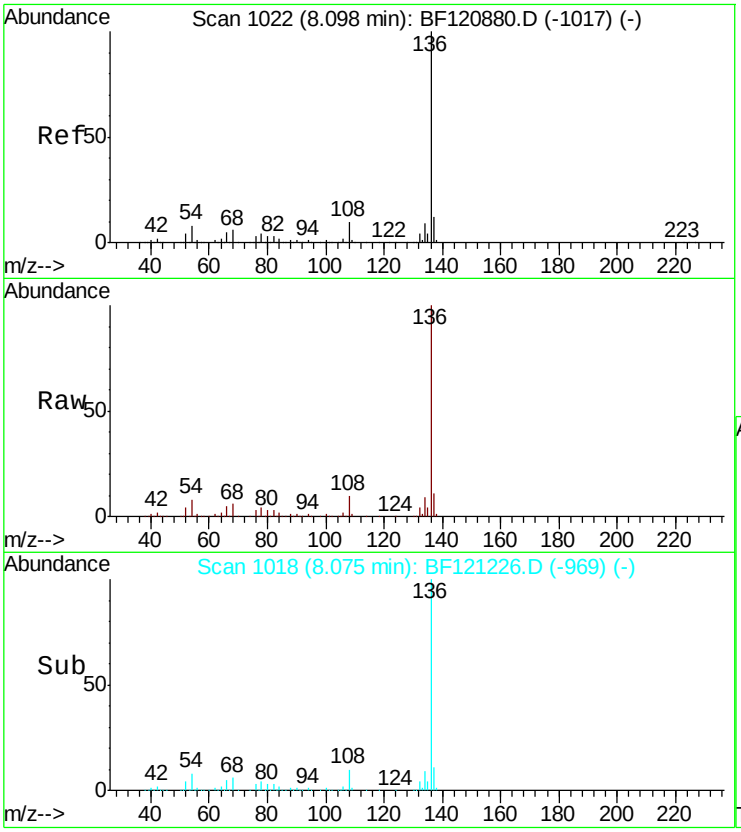


#19
n-Nitroso-di-n-propylamine
Concen: 16.339 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion: 70 Resp: 99074

Ion	Ratio	Lower	Upper
70	100		
42	47.0	43.3	64.9
101	0.0	8.4	12.6#
130	2.3	18.7	28.1#



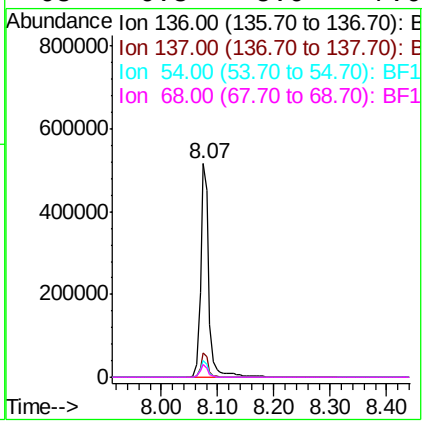


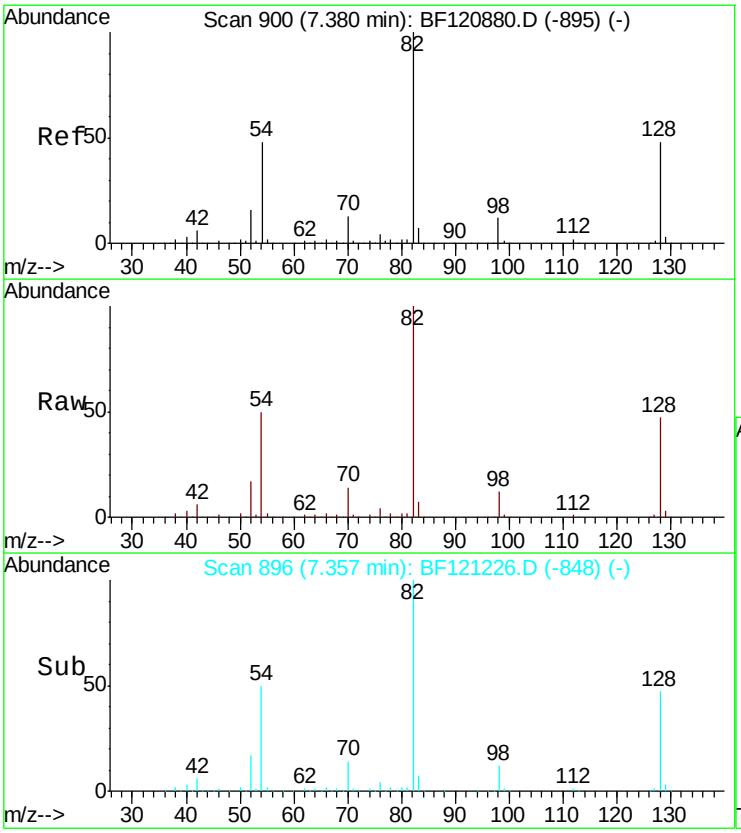
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:136 Resp: 526288

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.9	6.1	9.1
68	6.3	5.0	7.6

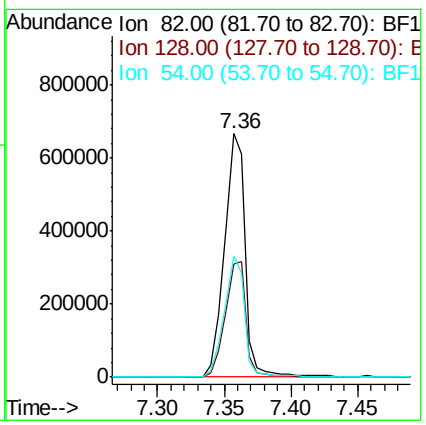


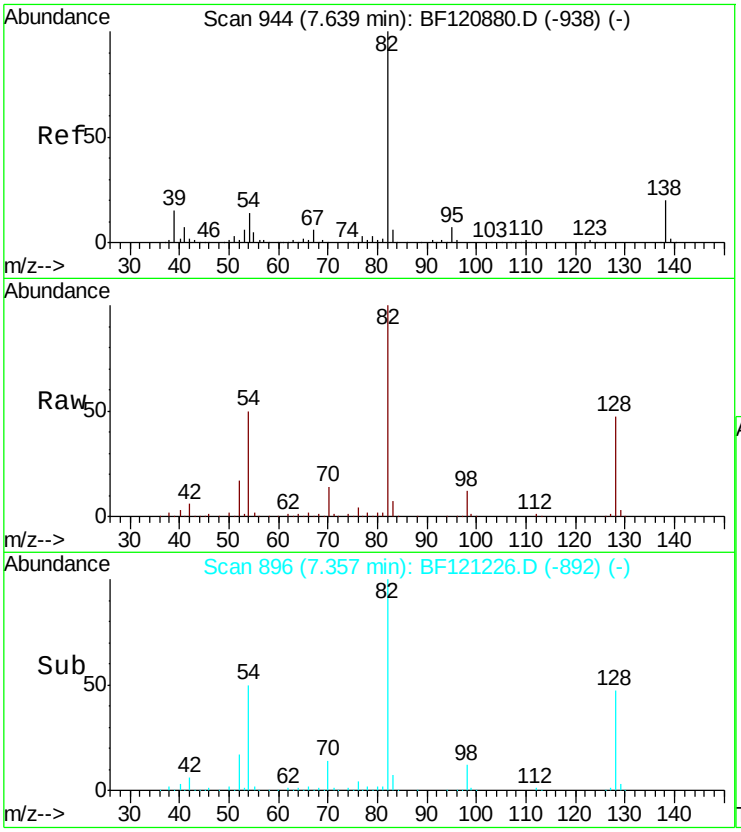


#23
Nitrobenzene-d5
Concen: 80.947 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion: 82 Resp: 736247

Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.2	58.8
54	49.8	37.8	56.8



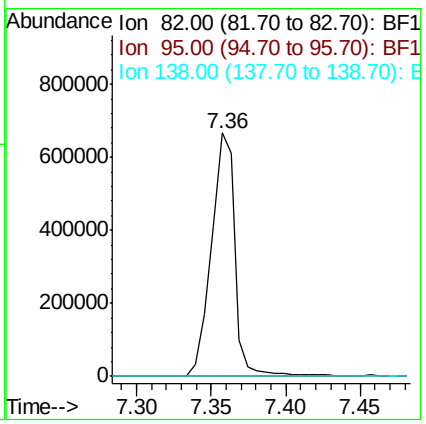


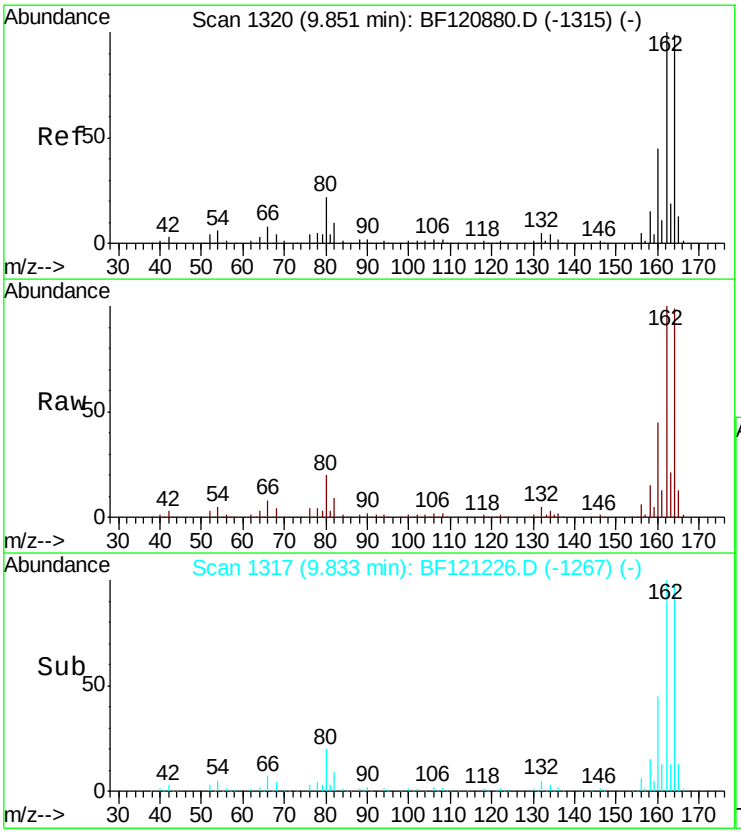
#25
Isophorone
Concen: 39.838 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion: 82 Resp: 723160

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

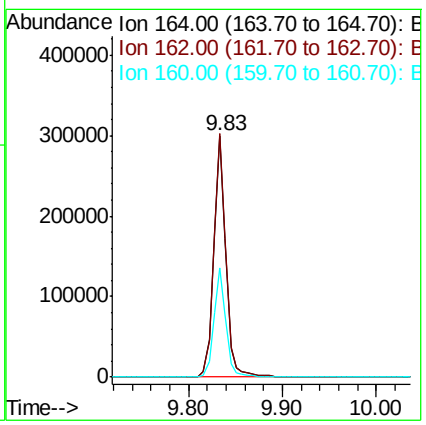


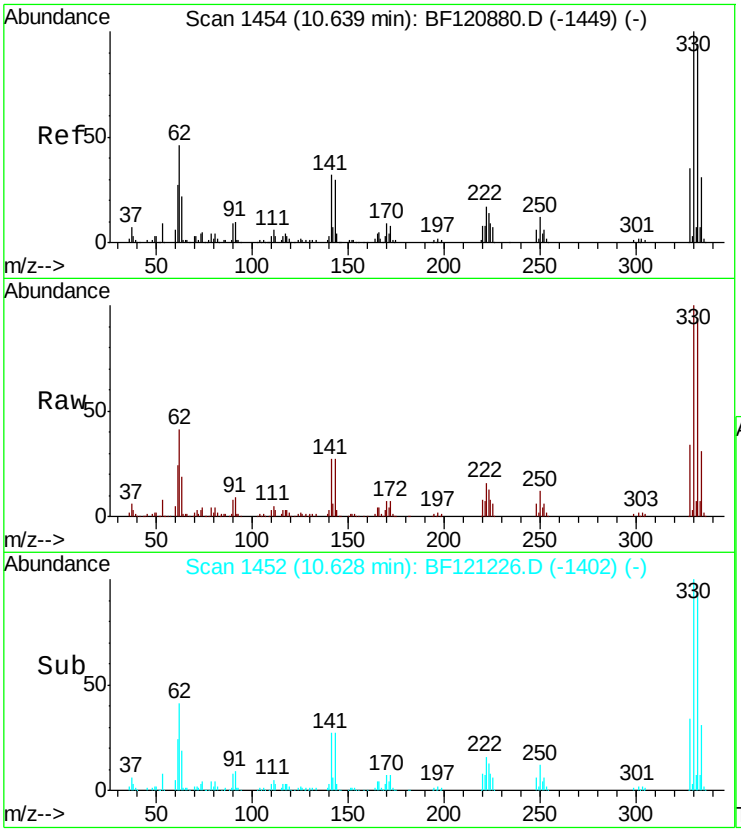


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:164 Resp: 275963

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.4	37.2	55.8



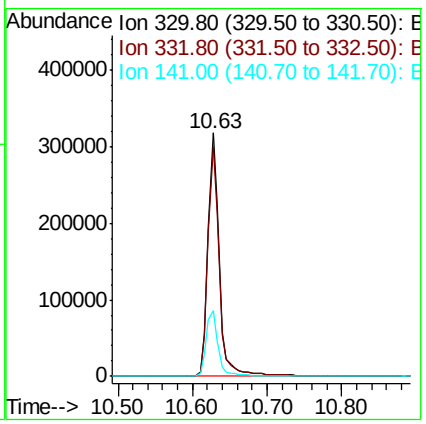


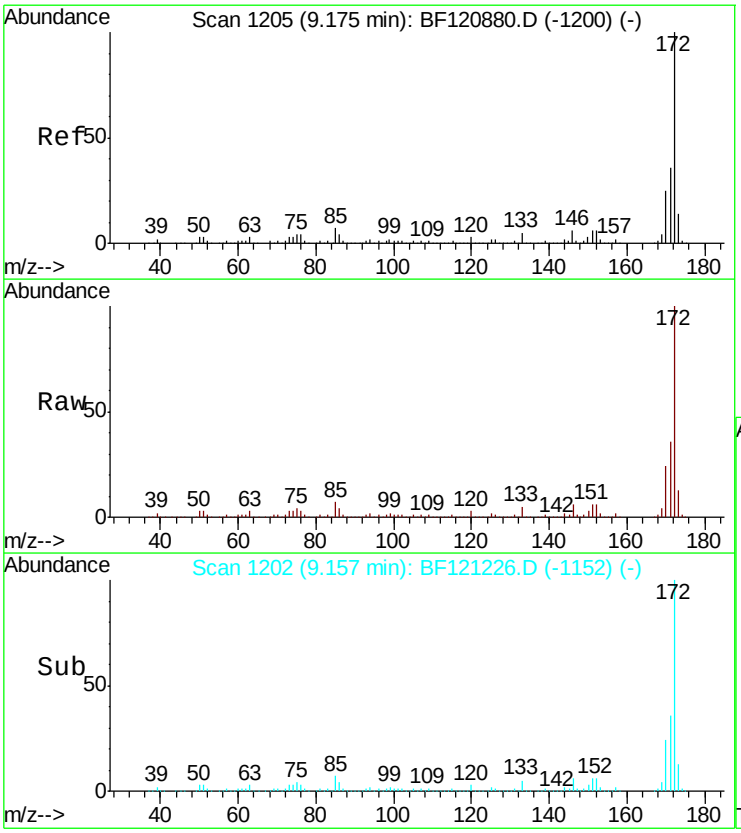
#42
2,4,6-Tribromophenol
Concen: 111.844 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:330 Resp: 337847

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.1	114.1
141	29.3	24.1	36.1

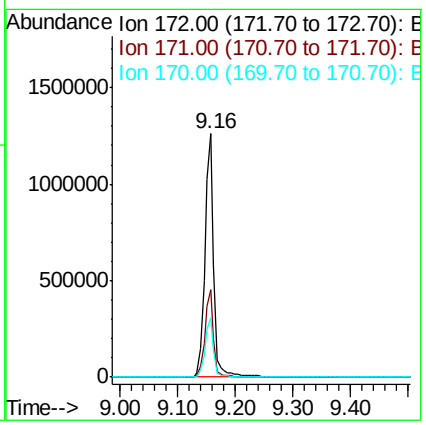


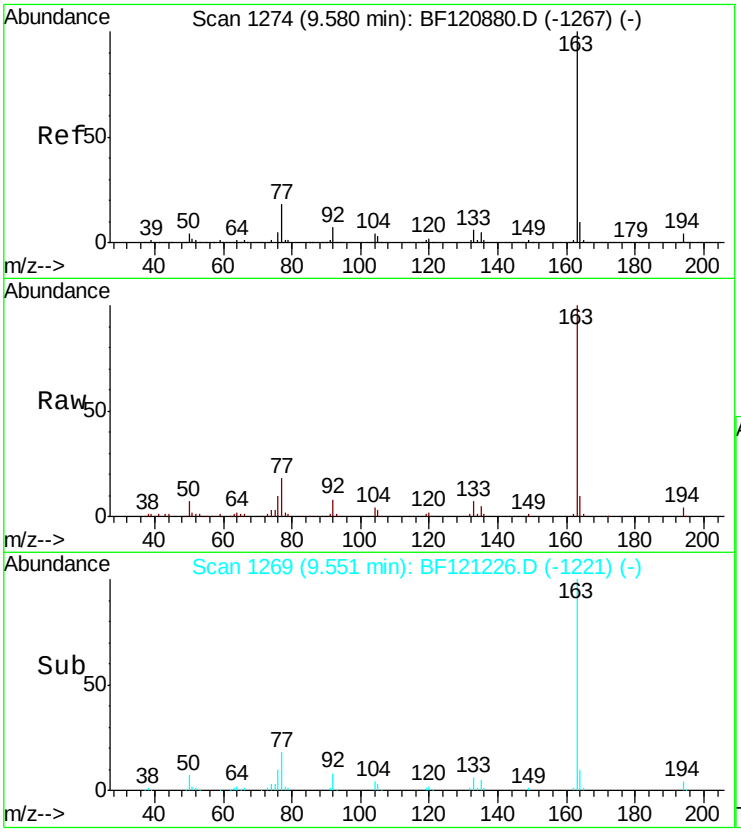


#45
2-Fluorobiphenyl
Concen: 74.403 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:172 Resp: 1375203

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.3	19.6	29.4



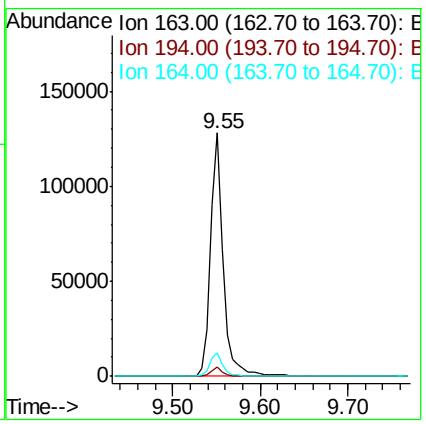


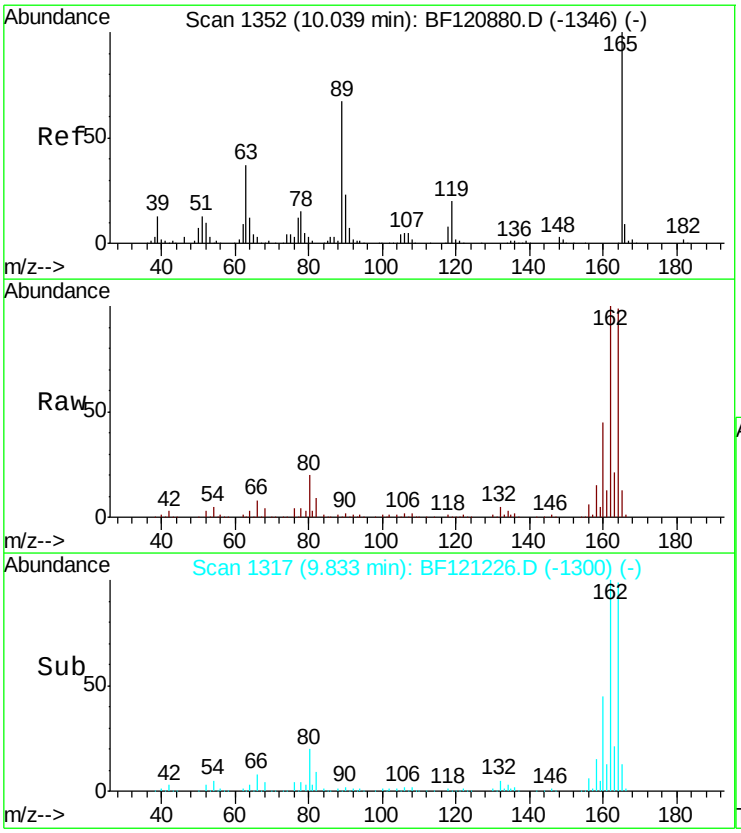
#50
Dimethylphthalate
Concen: 6.556 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:163 Resp: 130519

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.8	8.4	12.6

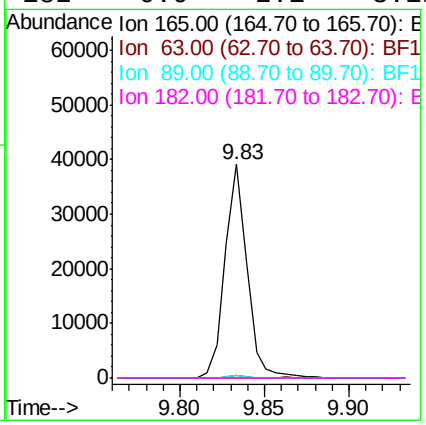


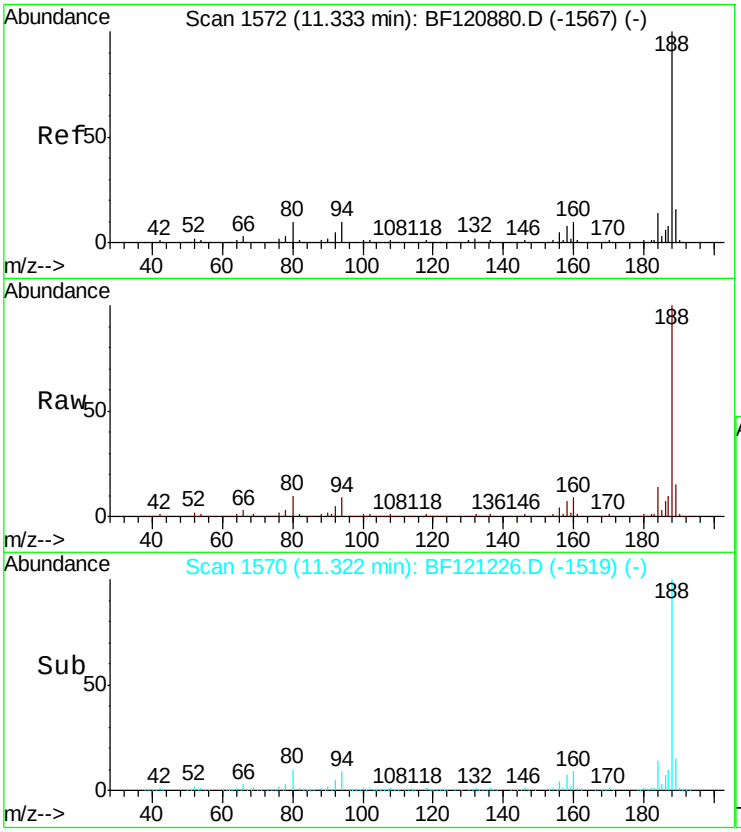


#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:165 Resp: 35638

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



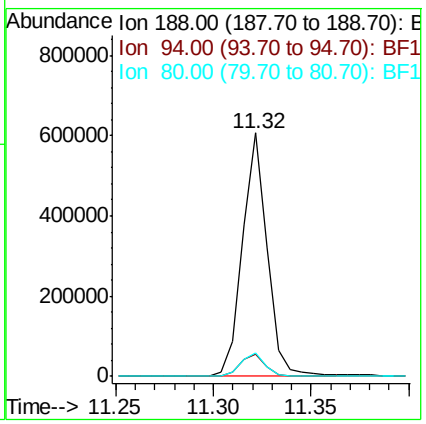


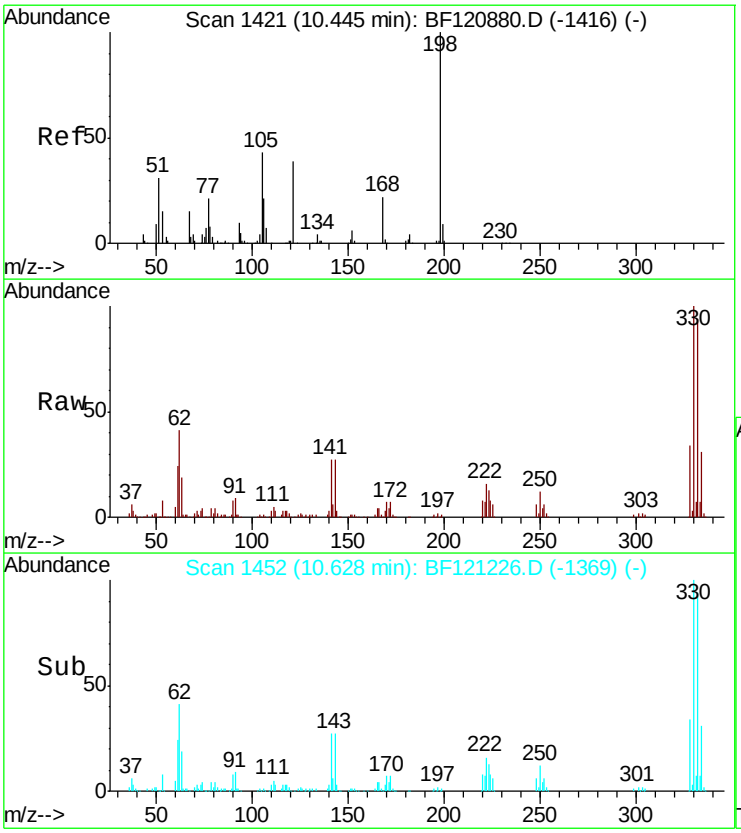
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:188 Resp: 532316

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.8	8.3	12.5

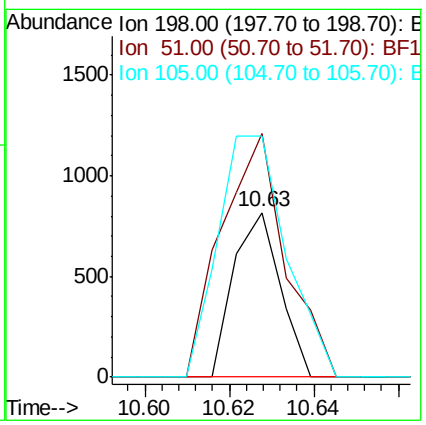


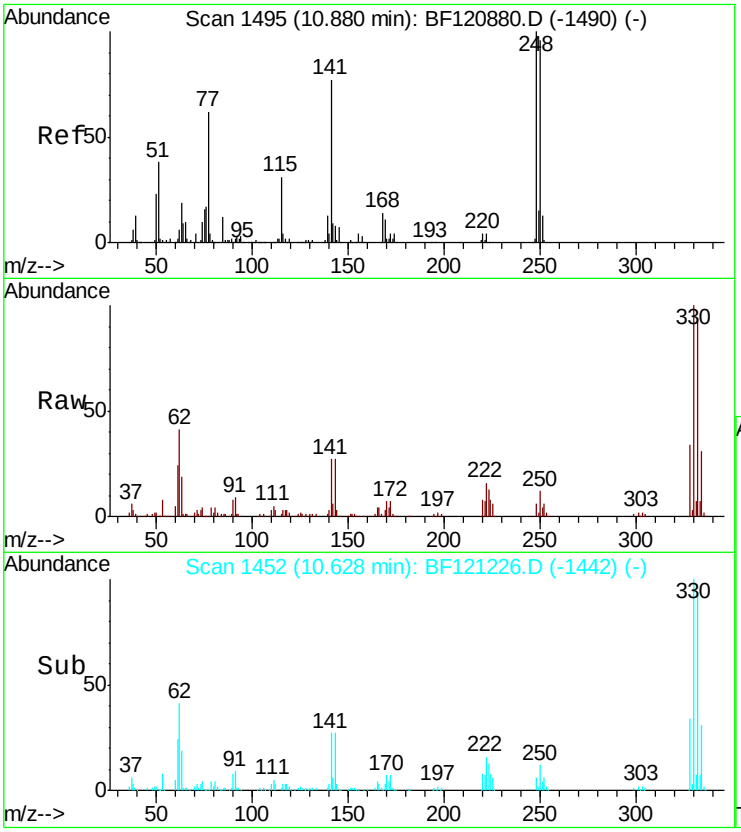


#65
4,6-Dinitro-2-methylphenol
Concen: 4.030 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:198 Resp: 627

Ion	Ratio	Lower	Upper
198	100		
51	147.6	23.4	63.4#
105	146.2	23.7	63.7#



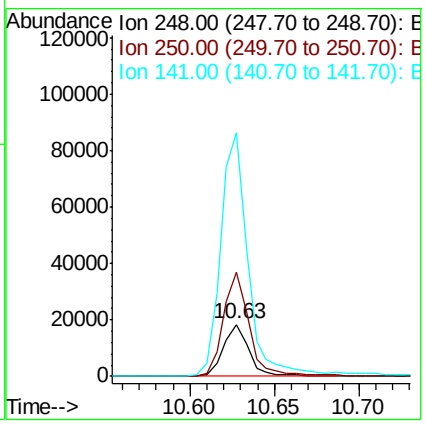


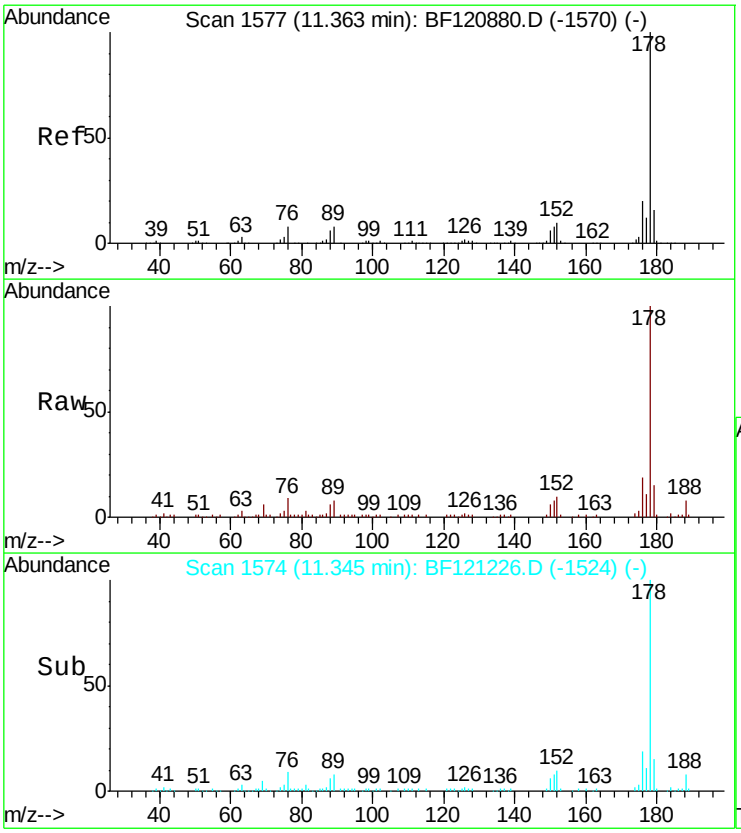
#67
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:248 Resp: 19315

Ion	Ratio	Lower	Upper
248	100		
250	199.3	77.0	115.6#
141	468.6	56.6	85.0#

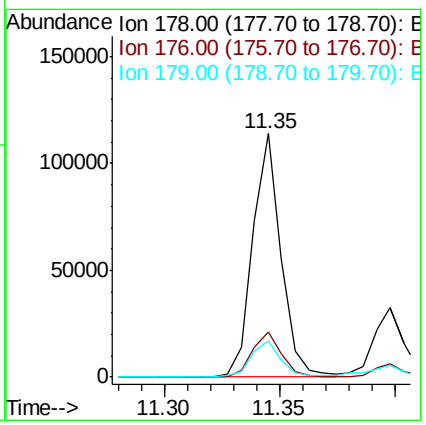


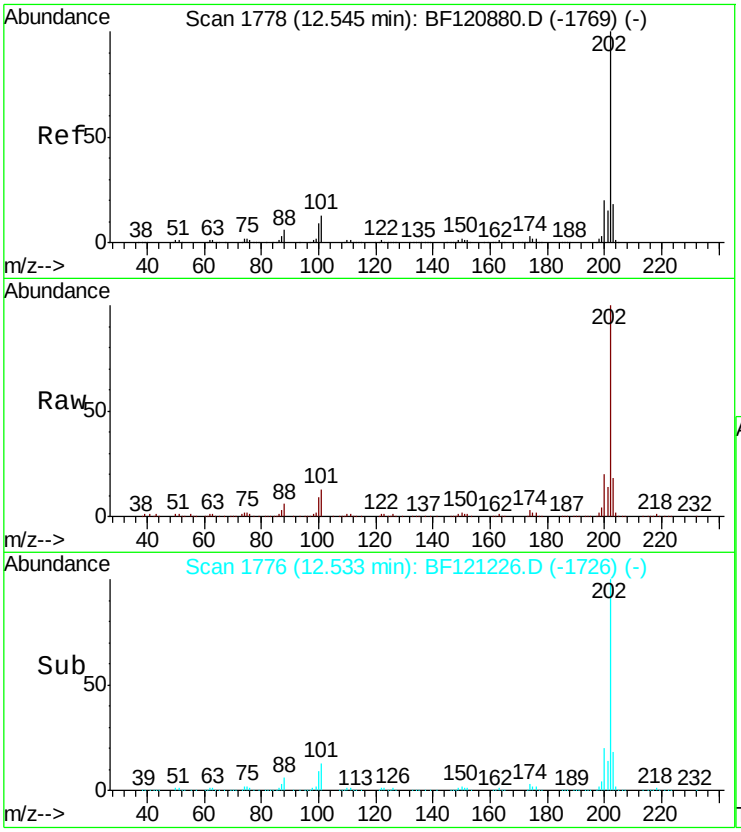


#71
Phenanthrene
Concen: 3.579 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:178 Resp: 97976

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	14.8	12.6	19.0



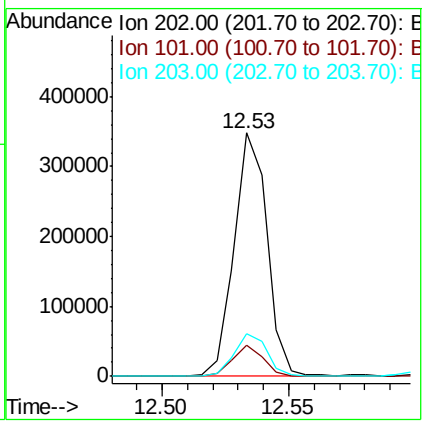


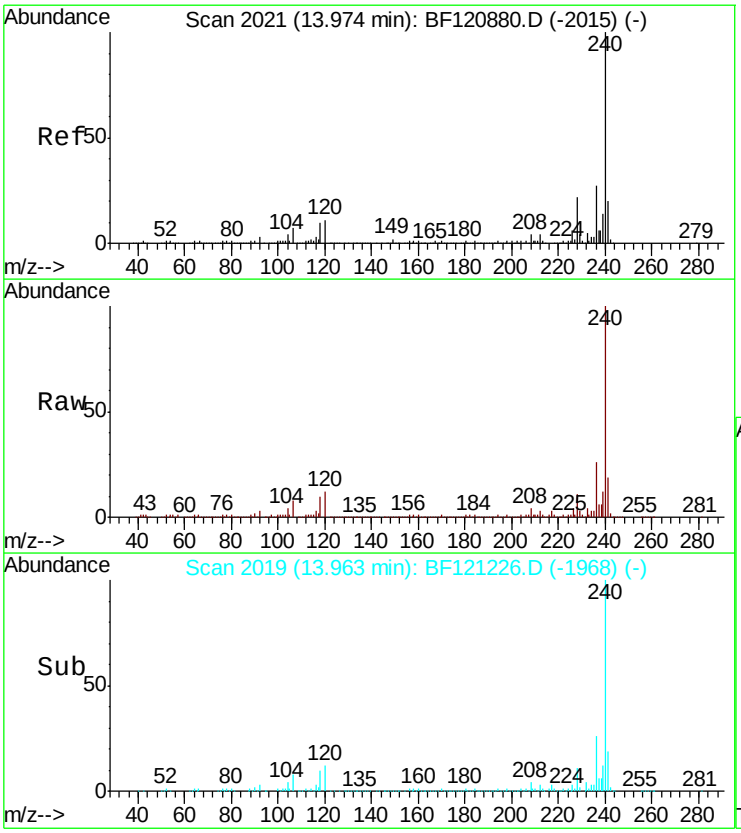
#75
Fluoranthene
Concen: 10.306 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:202 Resp: 312752

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.5
203	17.8	0.0	37.7

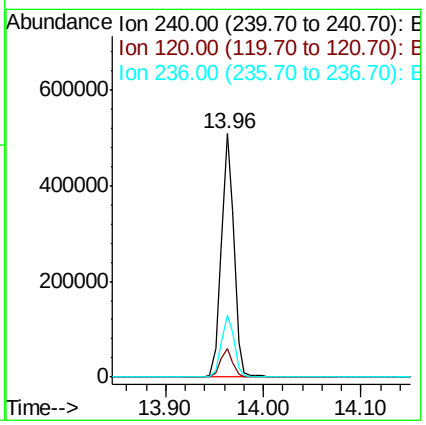


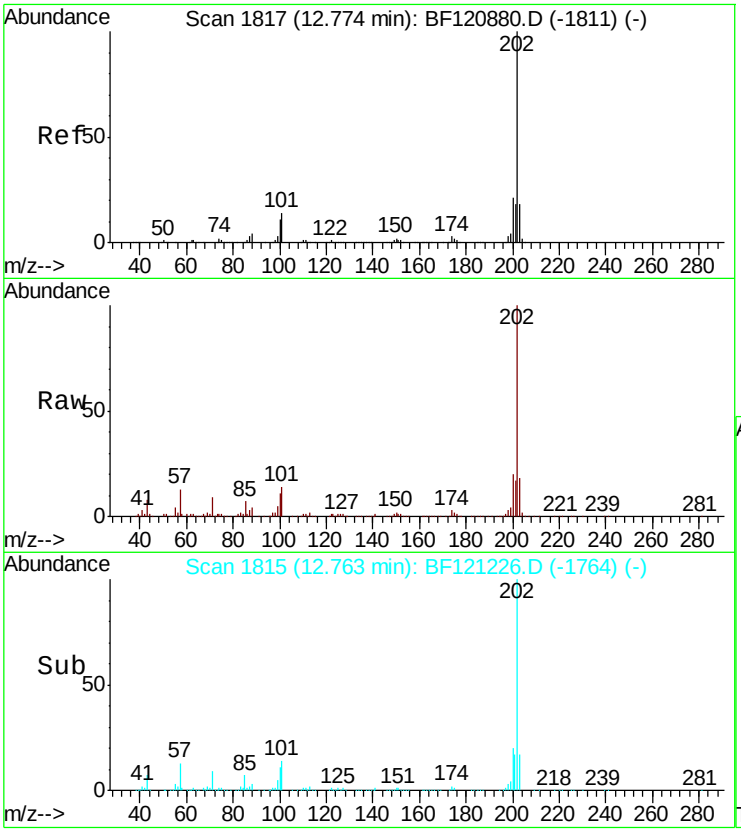


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:240 Resp: 455054

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.3	13.9
236	25.6	21.1	31.7



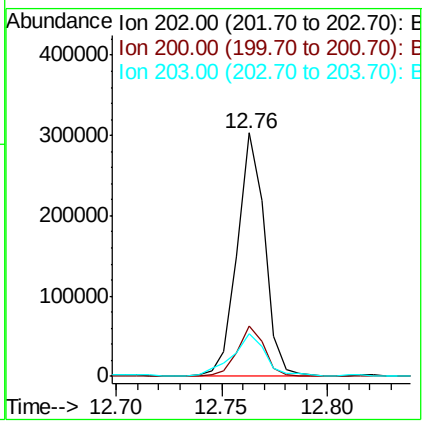


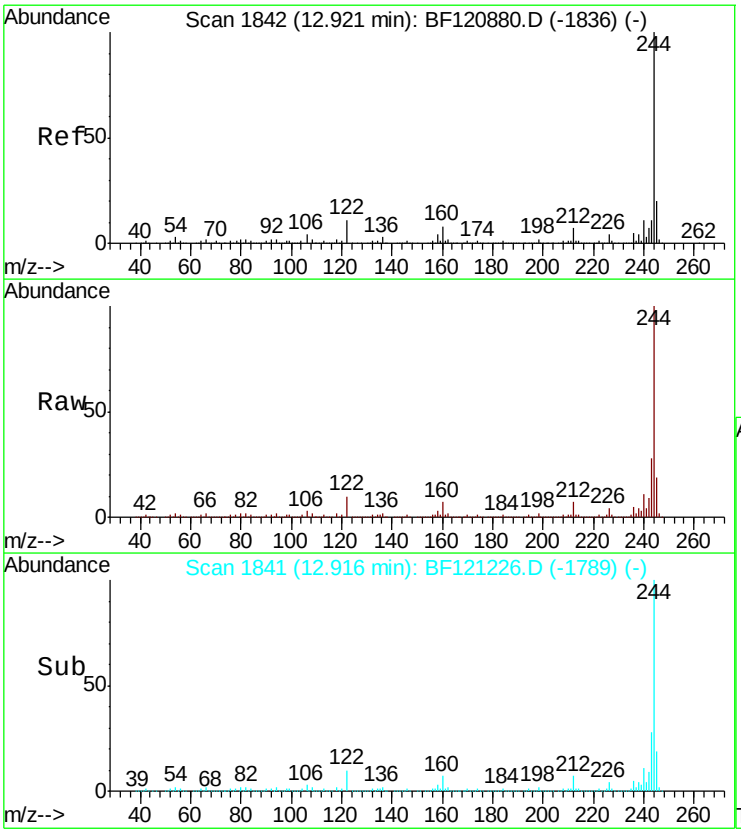
#78
Pyrene
Concen: 8.469 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:202 Resp: 272473

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	17.7	14.6	21.8

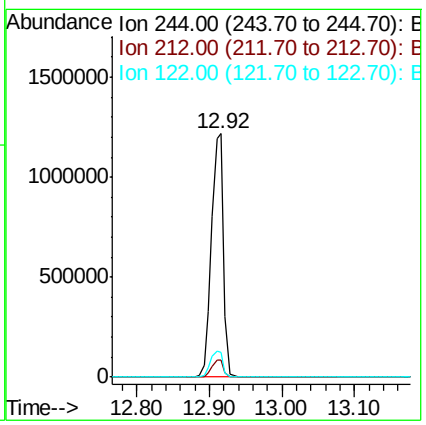


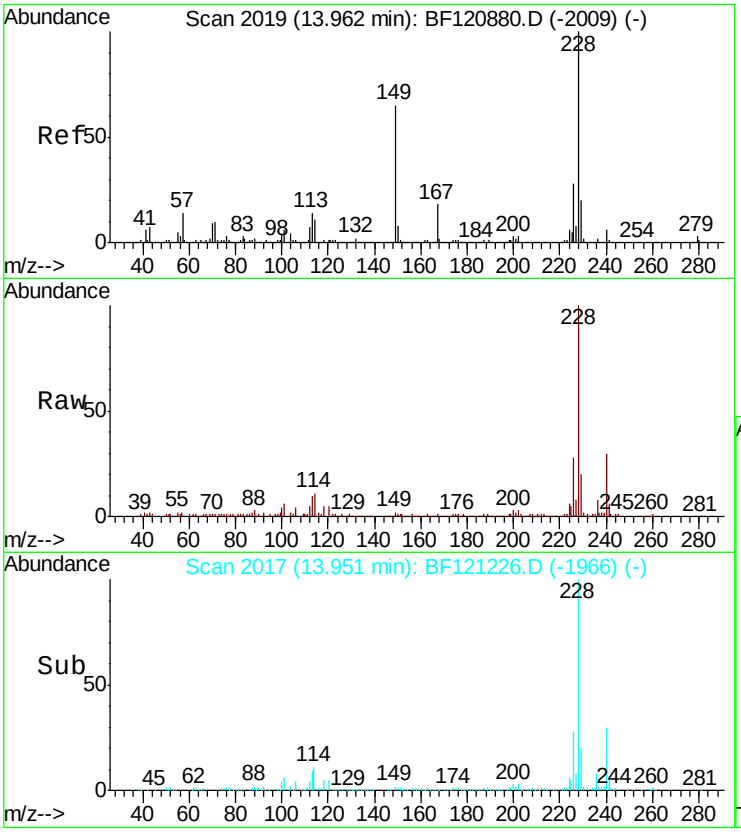


#79
Terphenyl-d14
Concen: 66.842 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:244 Resp: 1399258

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.9	8.3	12.5



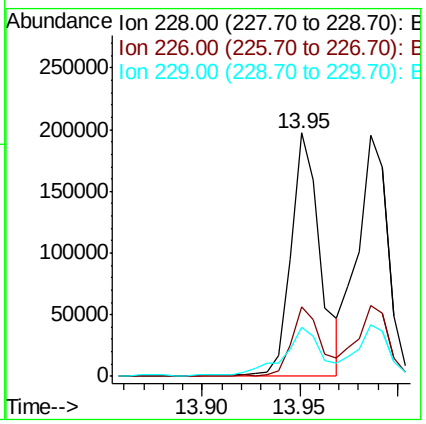


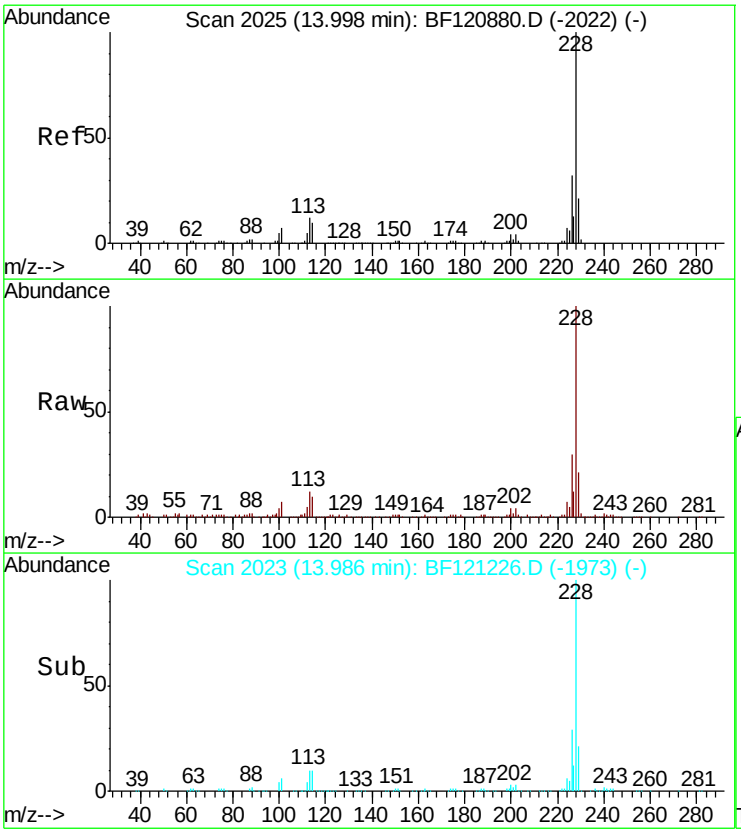
#81
Benzo(a)anthracene
Concen: 7.390 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:228 Resp: 203632

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	20.2	16.1	24.1

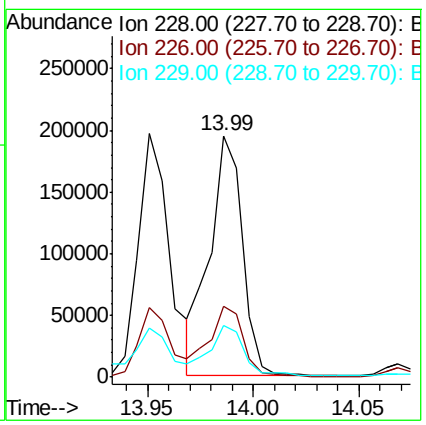


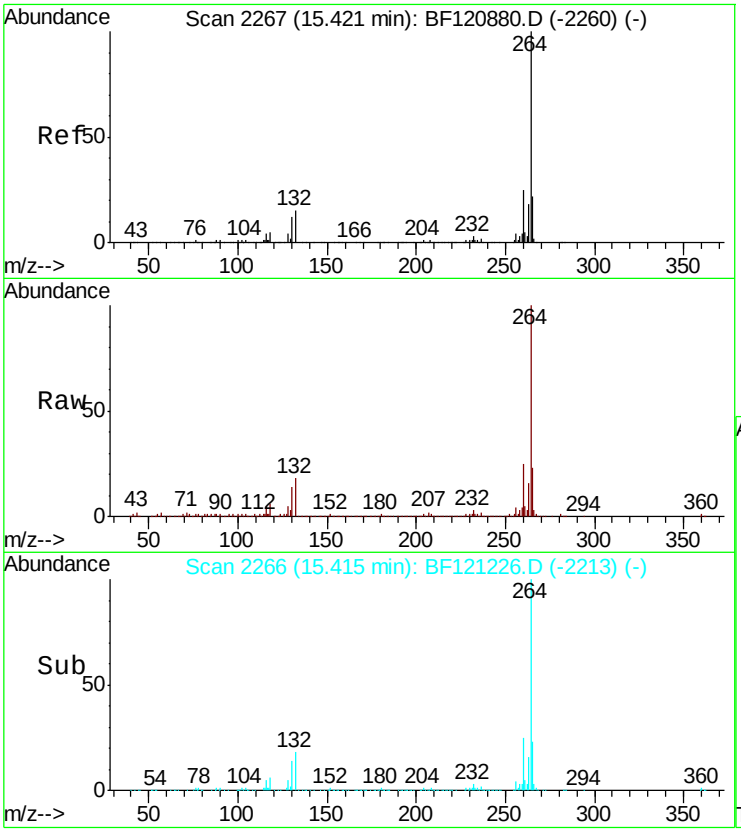


#83
Chrysene
Concen: 7.281 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:228 Resp: 210848

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.3	16.2	24.4



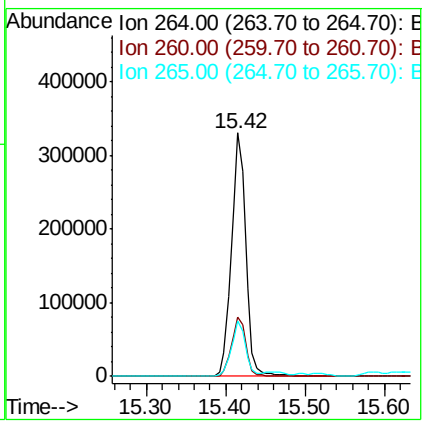


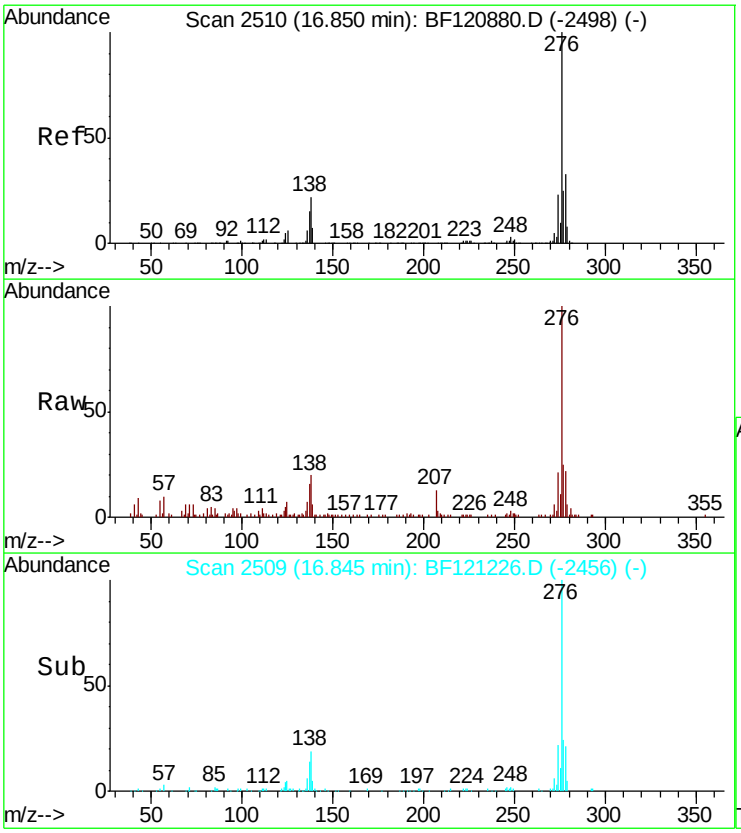
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:264 Resp: 417210

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.6	17.8	26.8

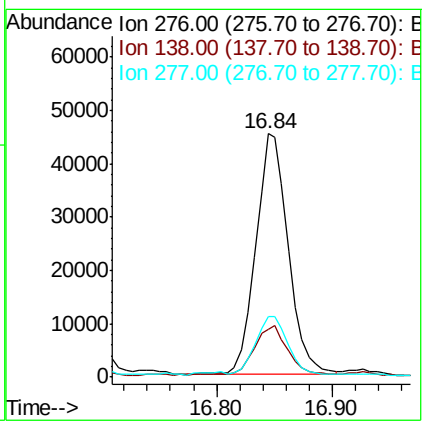


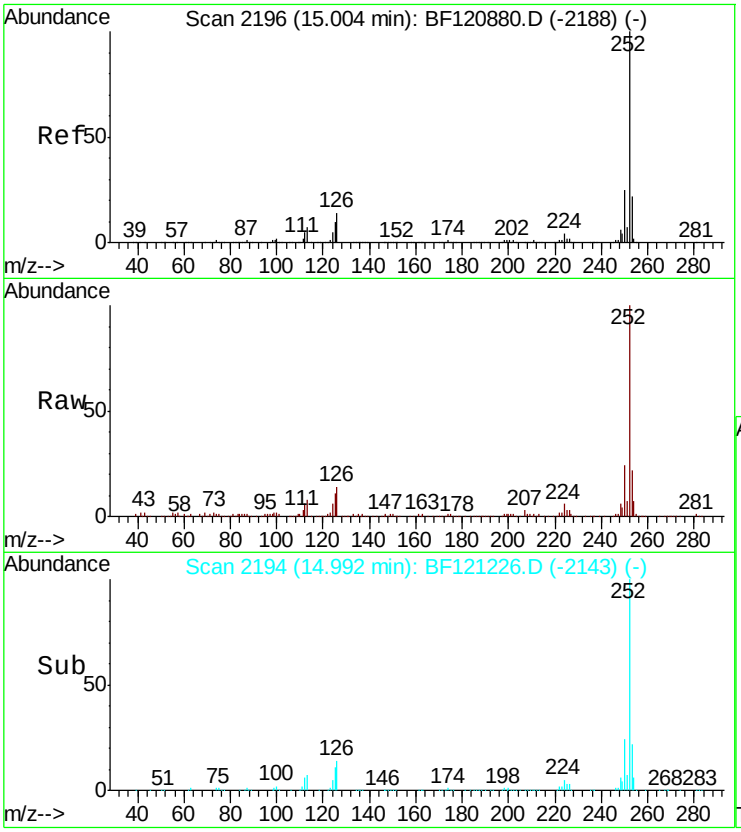


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.051 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:276 Resp: 88518

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	24.6	20.1	30.1



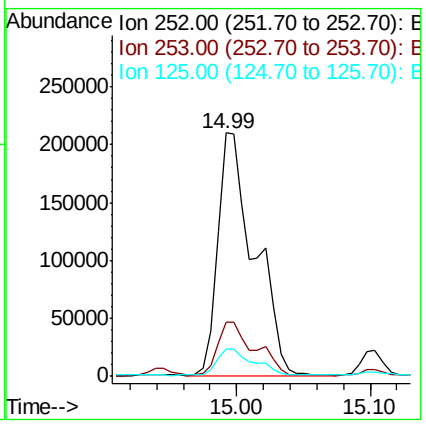


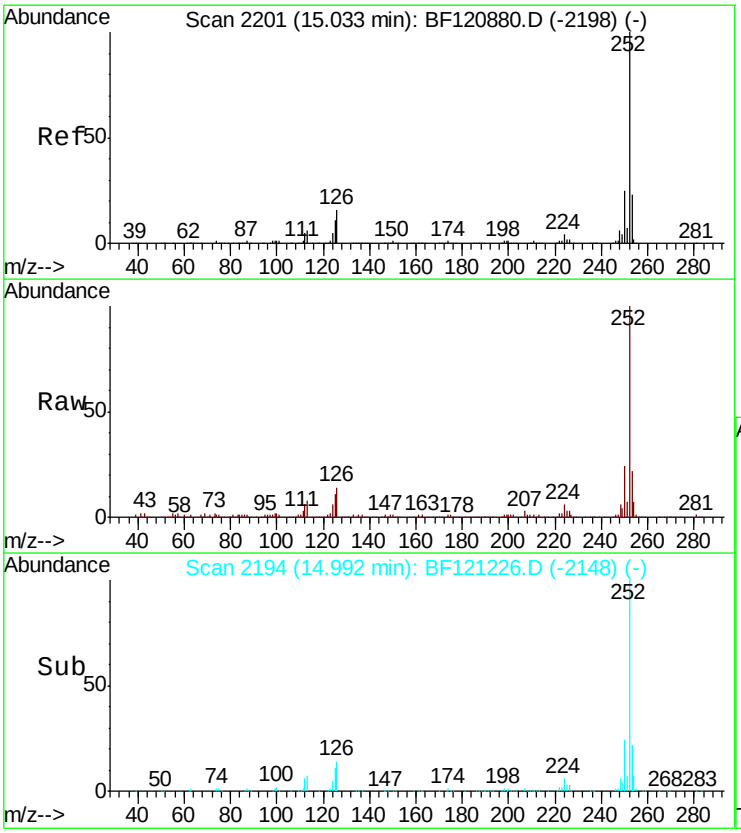
#88
Benzo(b)fluoranthene
Concen: 15.943 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:252 Resp: 402073

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	8.1	12.1

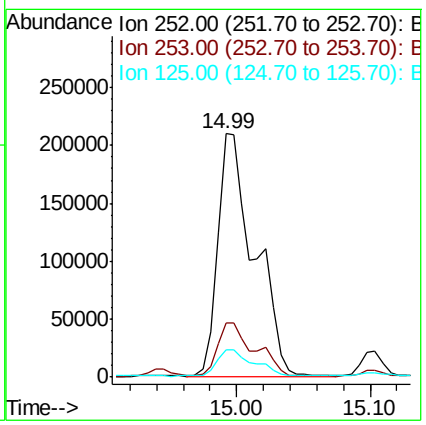


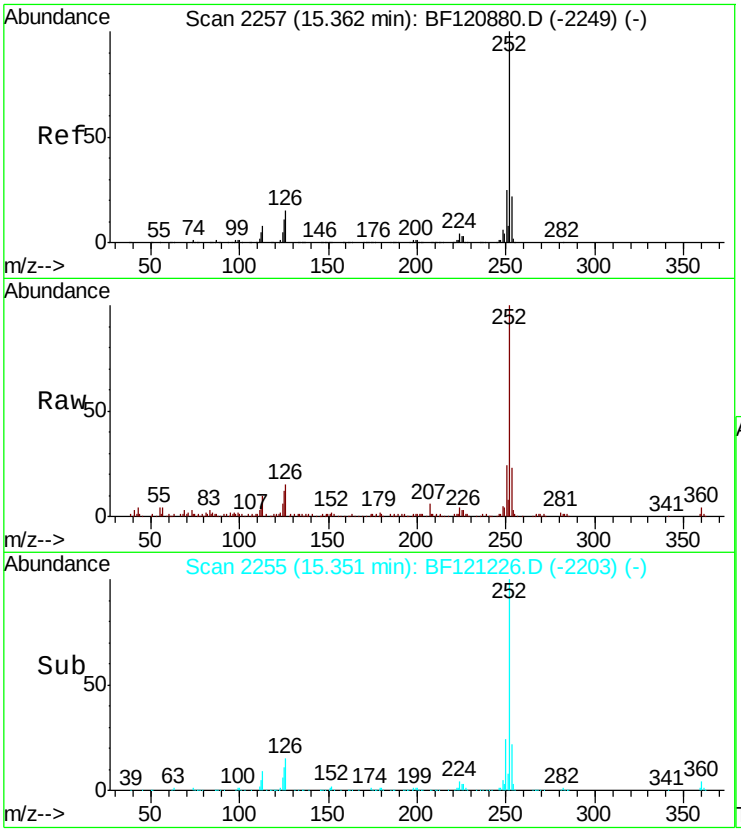


#89
Benzo(k)fluoranthene
Concen: 17.482 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.03 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:252 Resp: 402073

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.4	8.0	12.0



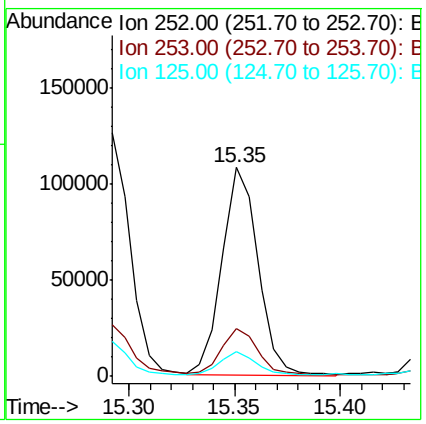


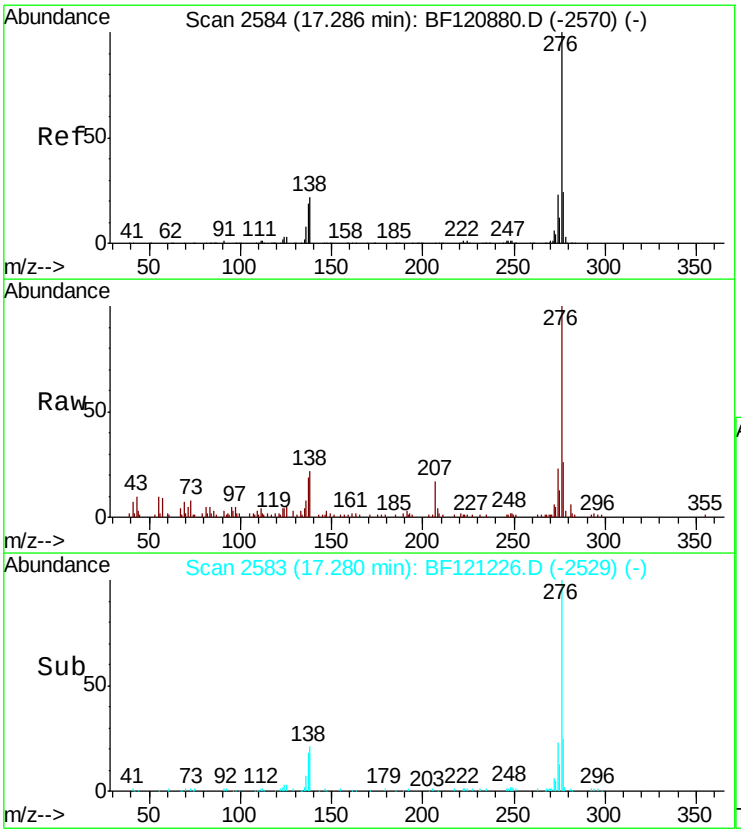
#90
Benzo(a)pyrene
Concen: 5.562 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Instrument :
BNA_F
ClientSampleId :
CRT-017

Tgt Ion:252 Resp: 127975

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.7	9.5	14.3





#92
Benzo(g,h,i)perylene
Concen: 3.420 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121226.D
Acq: 7 Aug 2020 11:13

Tgt Ion:276 Resp: 79918

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.0
138	21.7	17.2	25.8