Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
Data File : BF121227.D
Acq On : 7 Aug 2020 12:04
Operator : JU/CG
Sample : L3548-07RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-004

Quant Time: Aug 07 12:34:48 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	138829	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	548462	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	286829	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	558636	20.00	ng	0.00
76) Chrysene-d12	13.96	240	483985	20.00	ng	0.00
86) Perylene-d12	15.42	264	436331	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	855434	101.01	ng	0.00
7) Phenol-d6	6.43	99	1057971	96.71	ng	-0.01
23) Nitrobenzene-d5	7.36	82	714993	75.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	317416	101.10	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1293419	67.33	ng	0.00
79) Terphenyl-d14	12.92	244	1332510	59.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	1447	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	92226	14.826	ng	# 79
25) Isophorone	7.36	82	701740	37.095	ng	# 62
50) Dimethylphthalate	9.55	163	157037	7.589	ng	99
57) 2,4-Dinitrotoluene	9.83	165	36097	6.183	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	449	3.970	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	18063	2.900	ng	# 1
71) Phenanthrene	11.35	178	85842	2.988	ng	98
75) Fluoranthene	12.53	202	211929	6.655	ng	98
78) Pyrene	12.76	202	193462	5.654	ng	99
81) Benzo(a)anthracene	13.95	228	89813	3.064	ng	98
83) Chrysene	13.99	228	100897	3.276	ng	96
88) Benzo(b)fluoranthene	15.00	252	156707	5.942	ng	98
89) Benzo(k)fluoranthene	15.00	252	156707	6.515	ng	98
90) Benzo(a)pyrene	15.35	252	67246	2.795	ng	98

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Aug 2020 12:04
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
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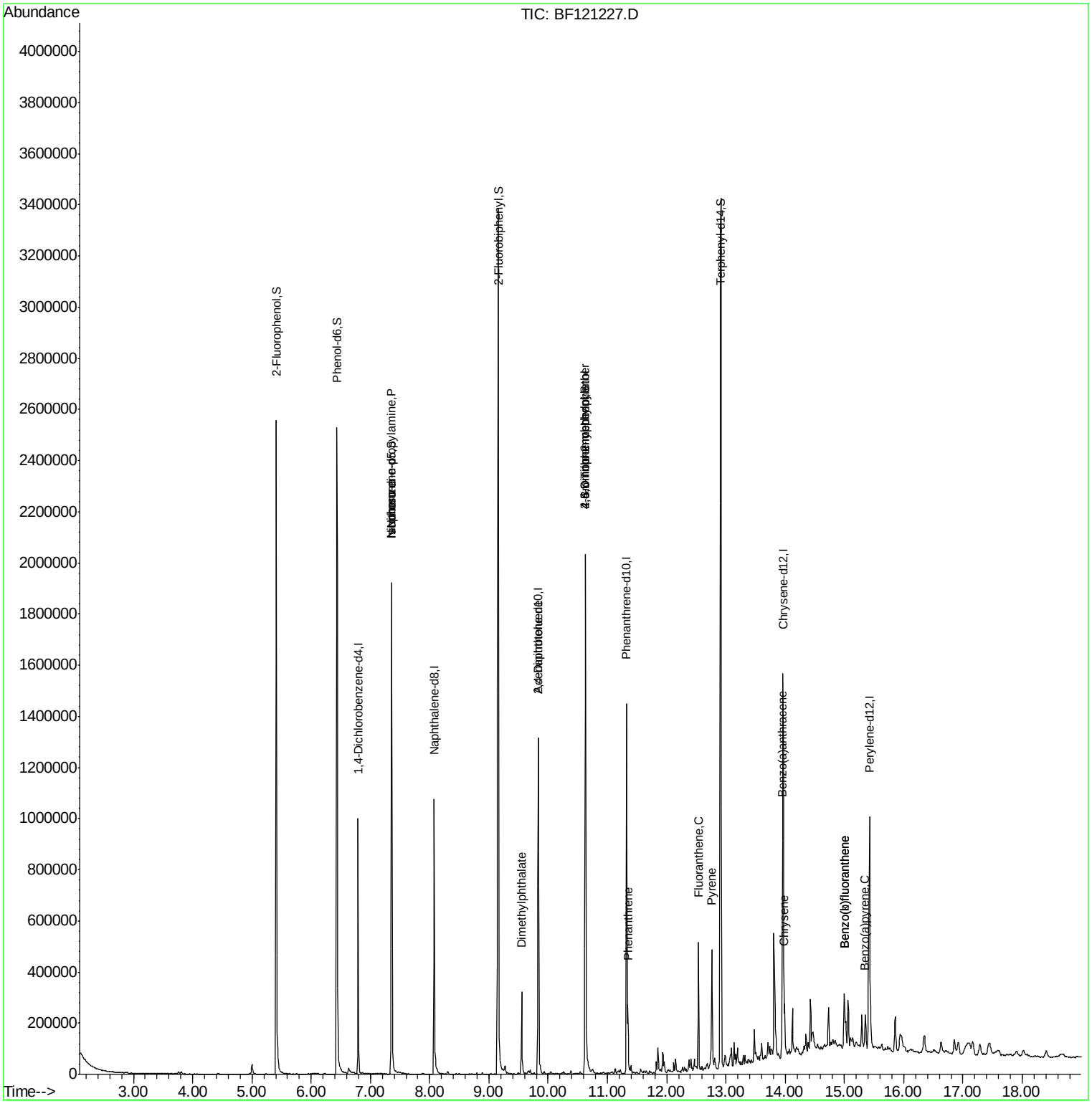
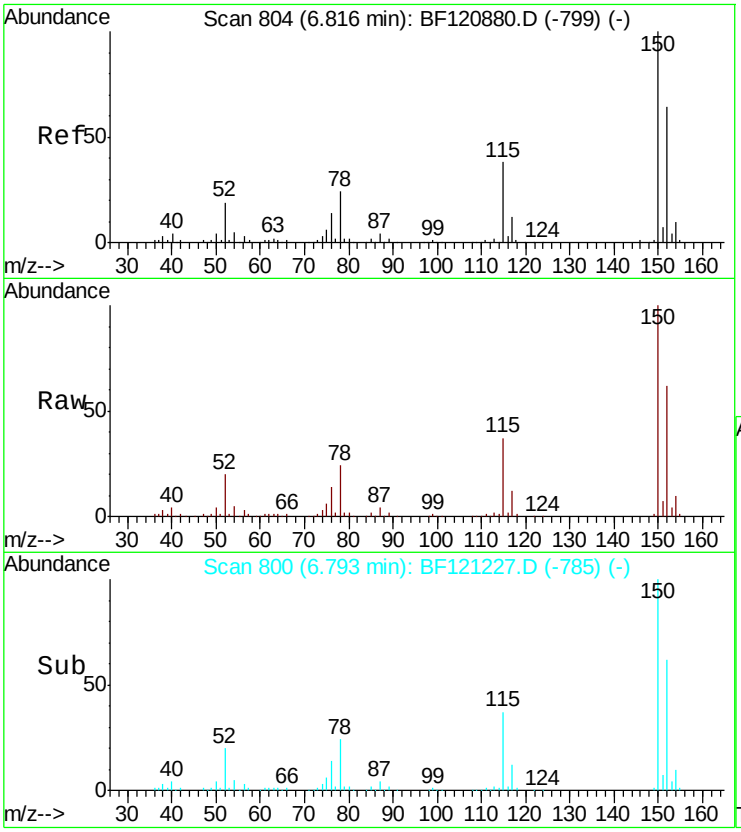
CRT-004

Quant Time: Aug 07 12:34:48 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



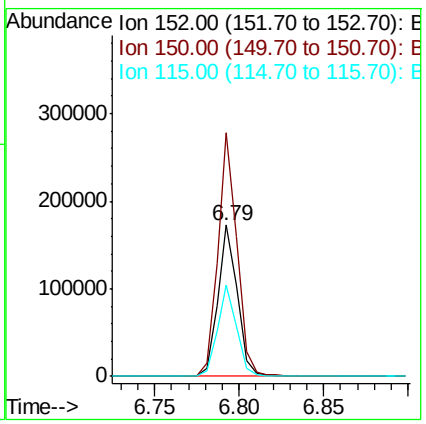


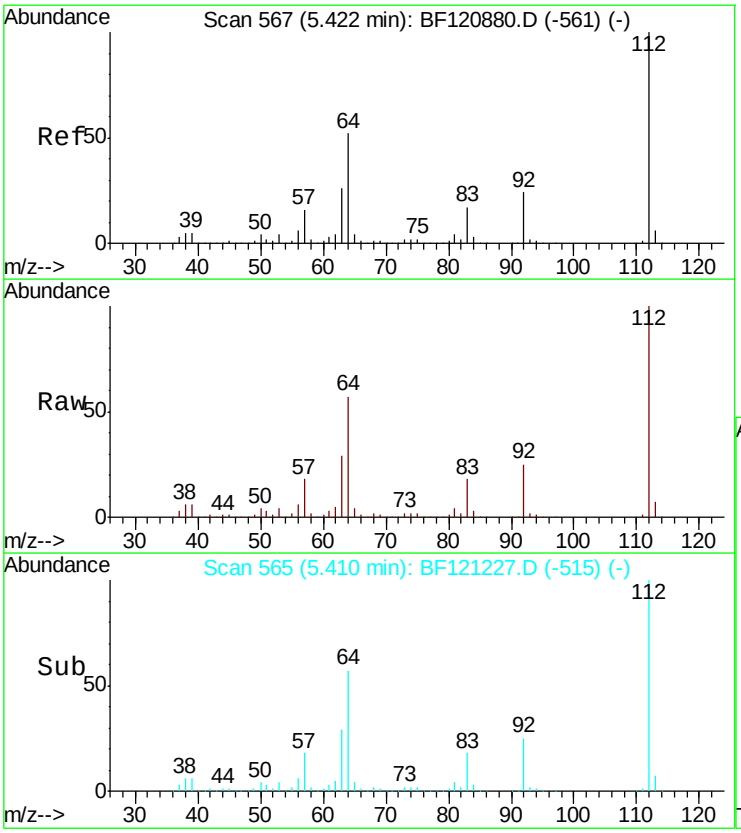
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:152 Resp: 138829

Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.6	188.4
115	60.1	46.2	69.2

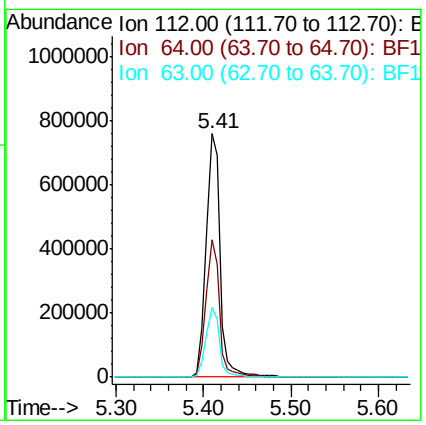


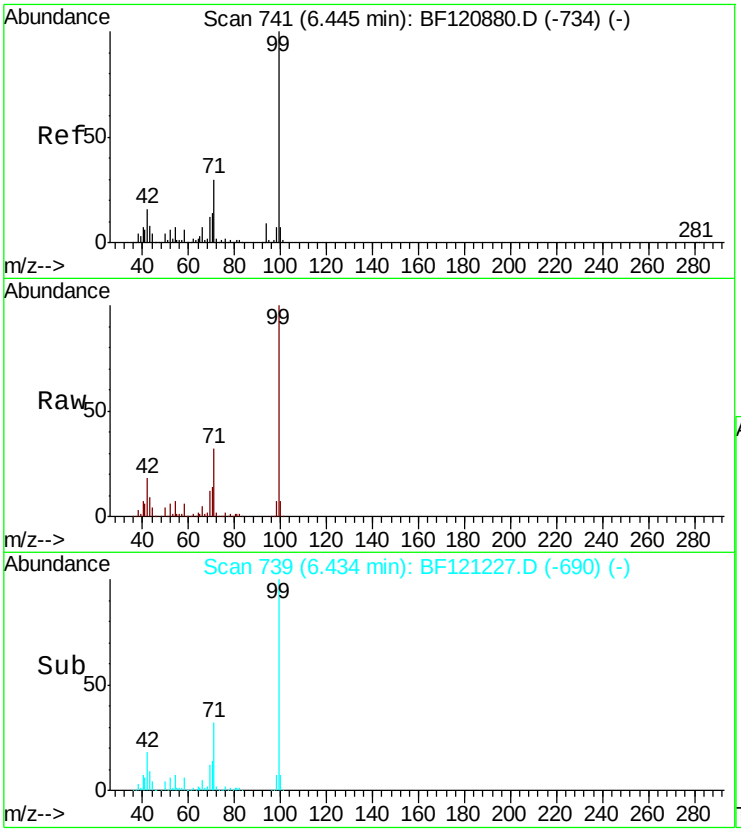


#5
2-Fluorophenol
Concen: 101.014 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:112 Resp: 855434

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.9	65.9
63	28.7	22.7	34.1



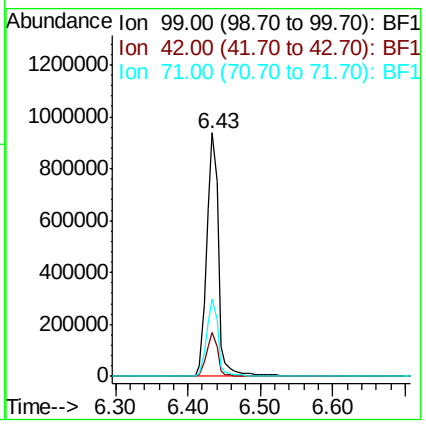


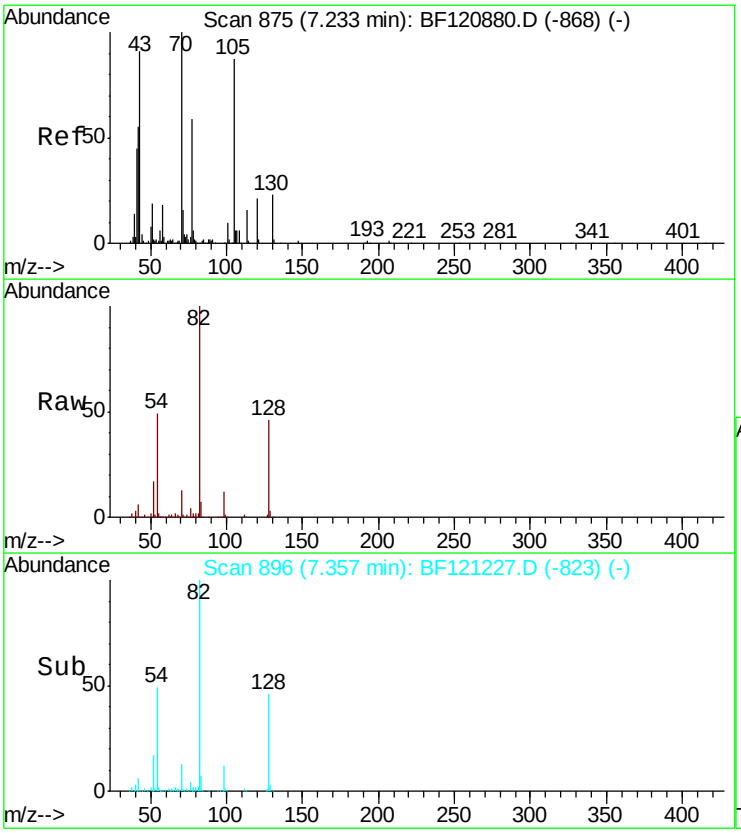
#7
Phenol-d6
Concen: 96.714 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion: 99 Resp: 1057971

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	31.8	25.0	37.4

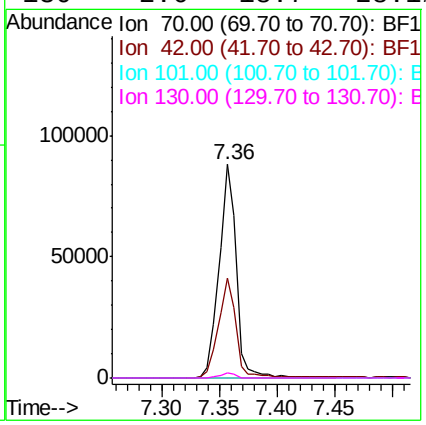


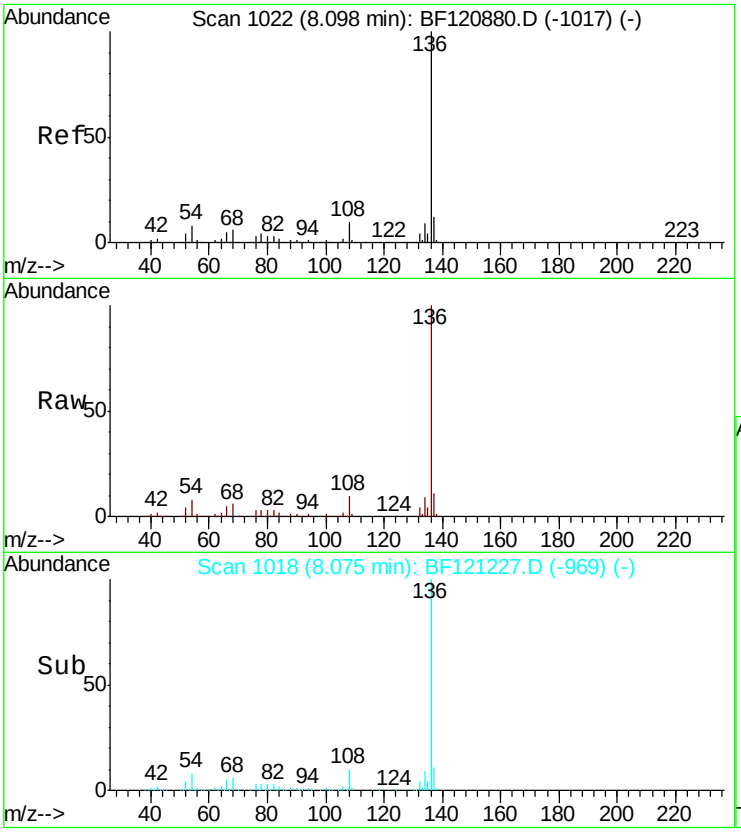


#19
n-Nitroso-di-n-propylamine
Concen: 14.826 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion: 70 Resp: 92226

Ion	Ratio	Lower	Upper
70	100		
42	46.5	43.3	64.9
101	0.0	8.4	12.6#
130	2.6	18.7	28.1#



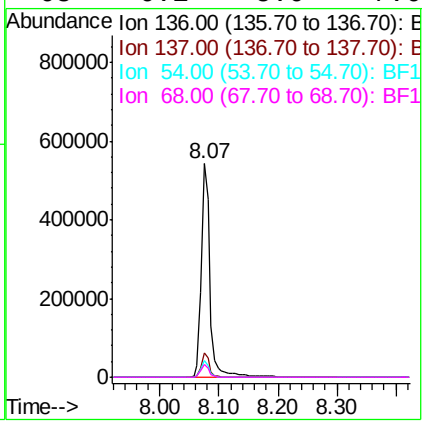


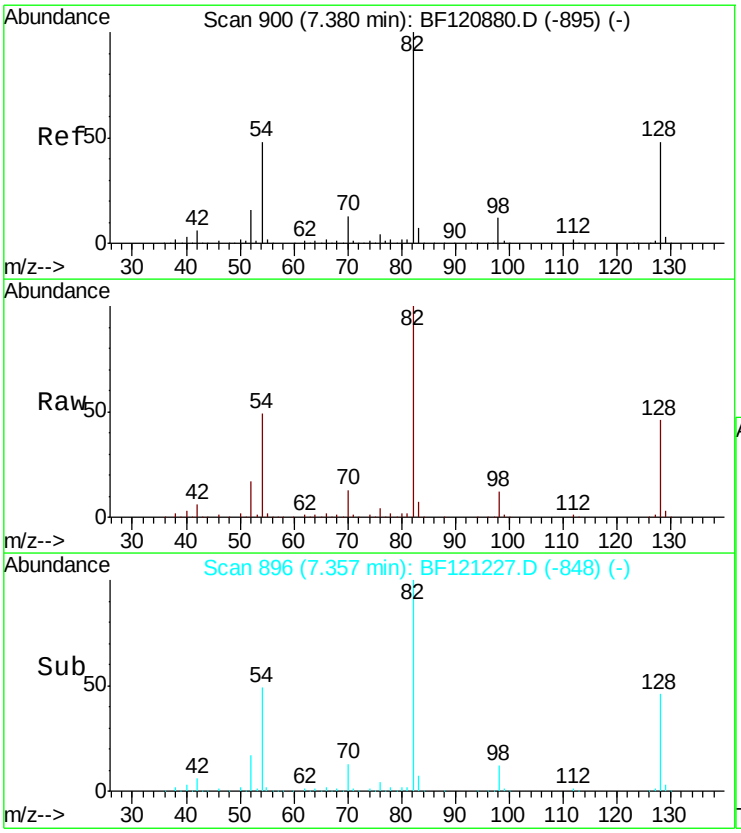
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:136 Resp: 548462

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.7	6.1	9.1
68	6.1	5.0	7.6

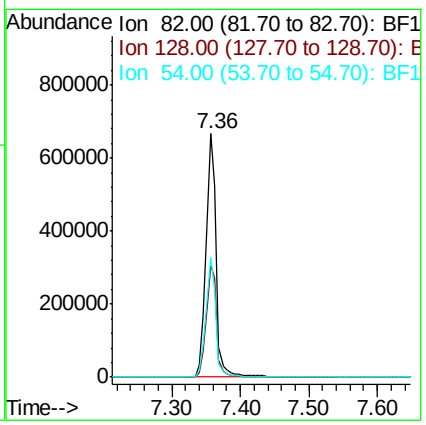


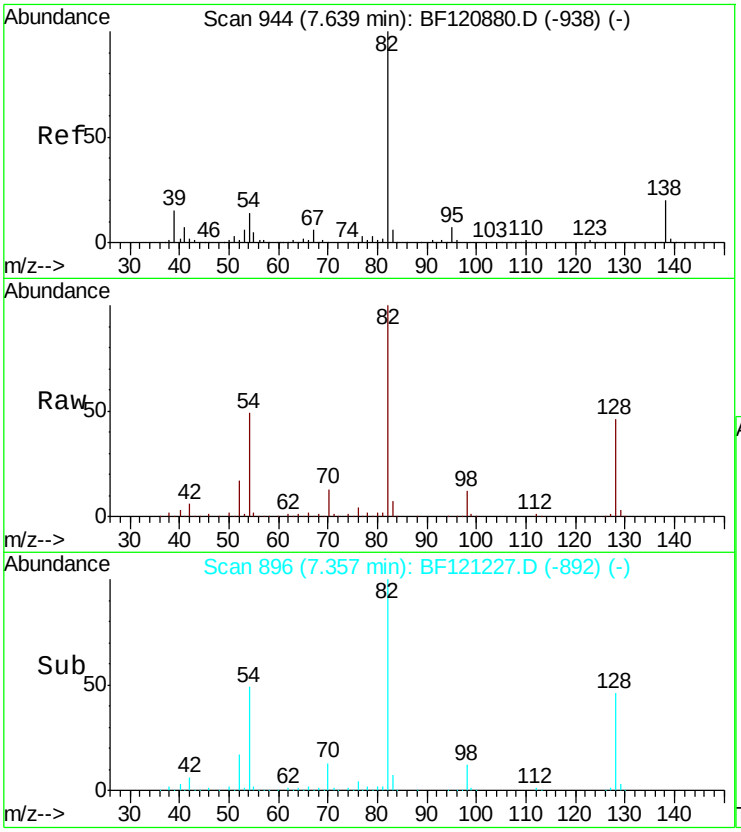


#23
Nitrobenzene-d5
Concen: 75.432 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion: 82 Resp: 714993

Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.2	58.8
54	49.0	37.8	56.8



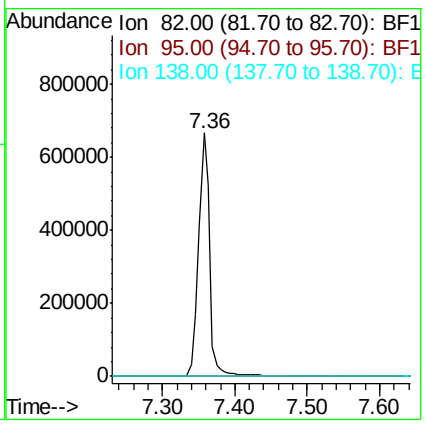


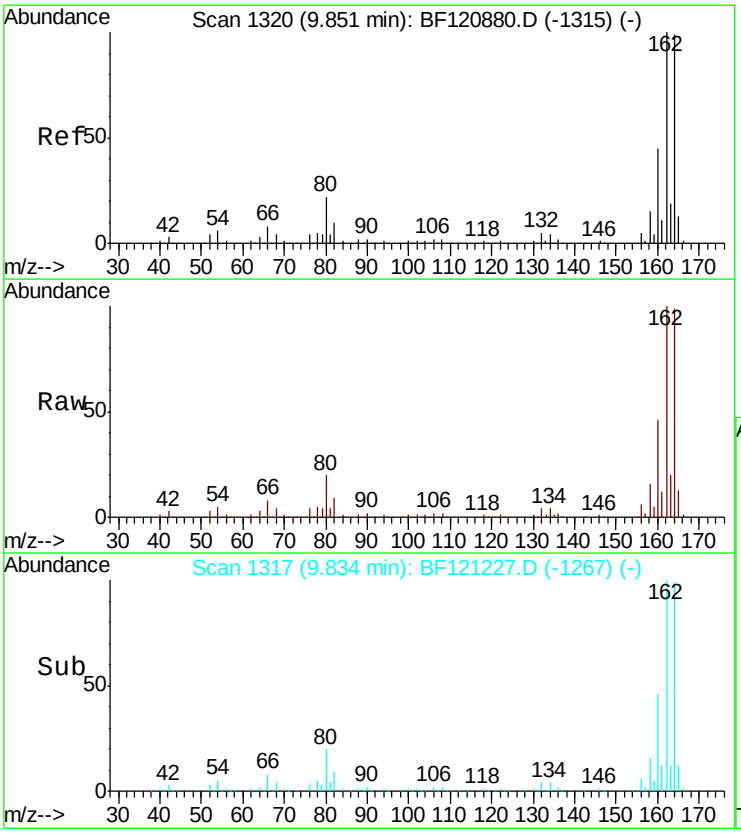
#25
Isophorone
Concen: 37.095 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion: 82 Resp: 701740

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

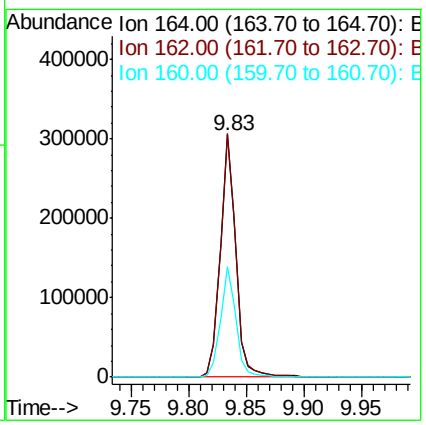


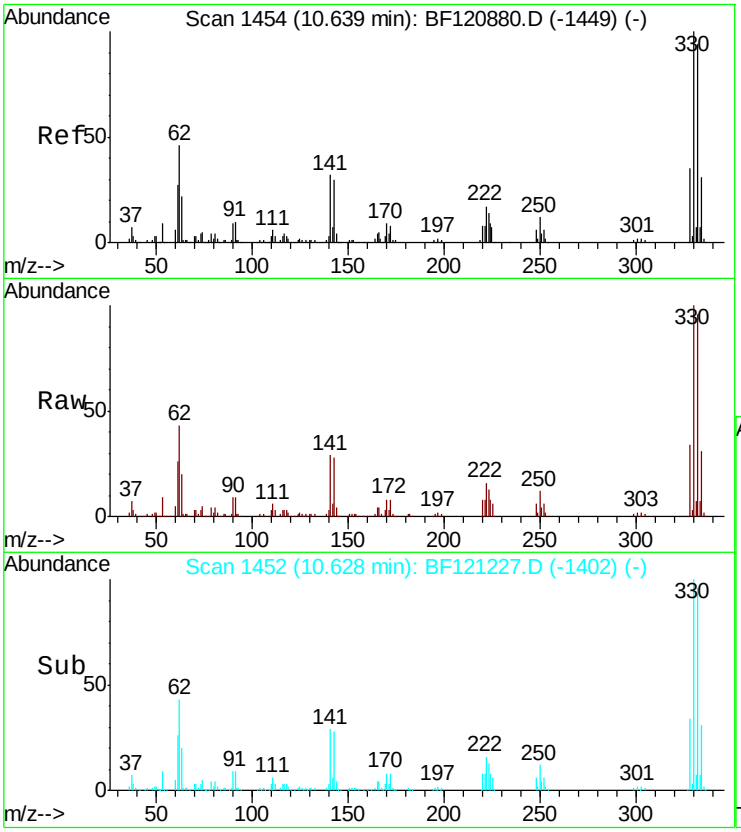


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:164 Resp: 286829

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	45.9	37.2	55.8



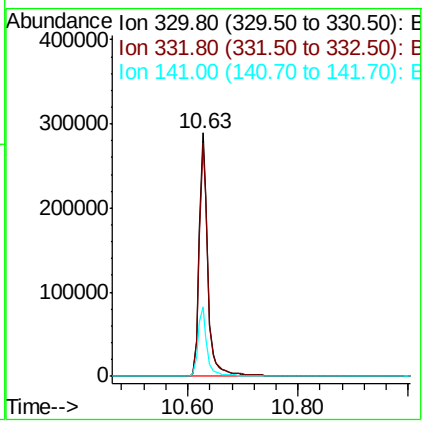


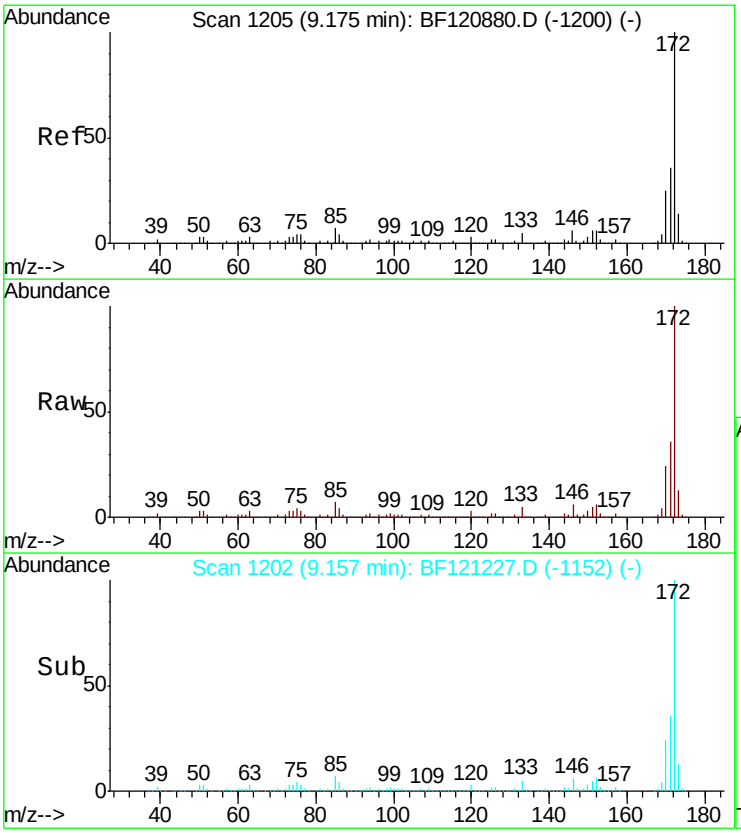
#42
2,4,6-Tribromophenol
Concen: 101.100 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:330 Resp: 317416

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	29.4	24.1	36.1

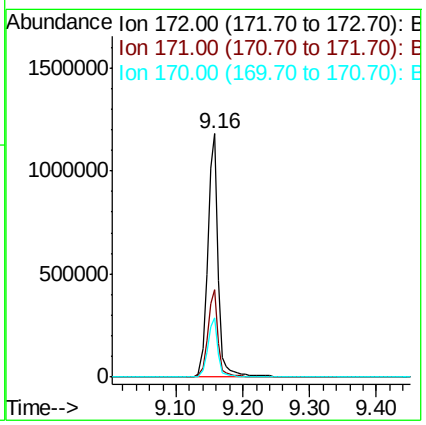


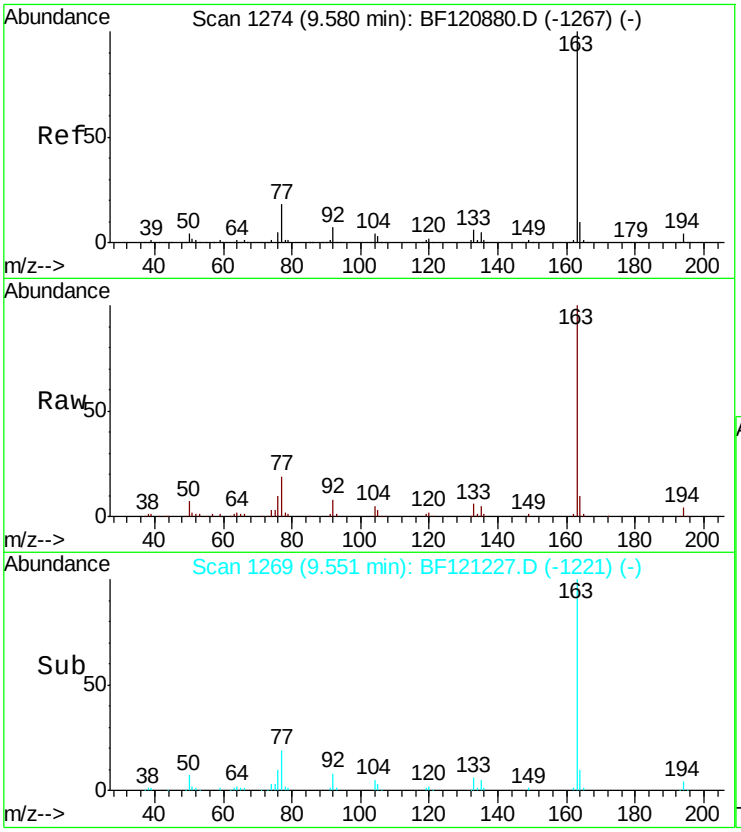


#45
2-Fluorobiphenyl
Concen: 67.327 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:172 Resp: 1293419

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4



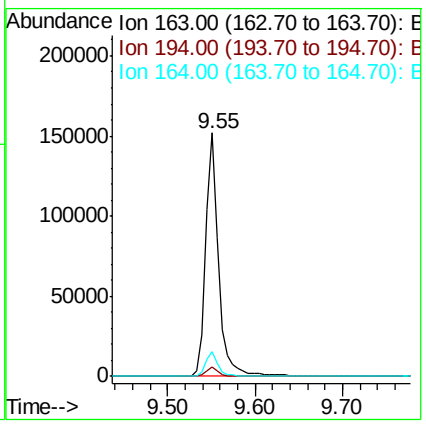


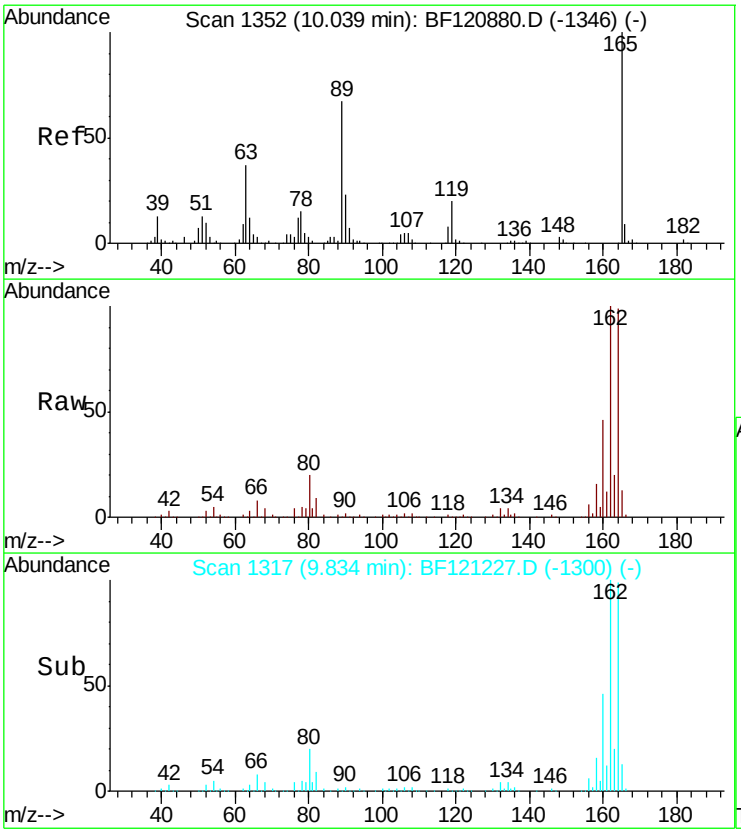
#50
Dimethylphthalate
Concen: 7.589 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:163 Resp: 157037

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.1	8.4	12.6

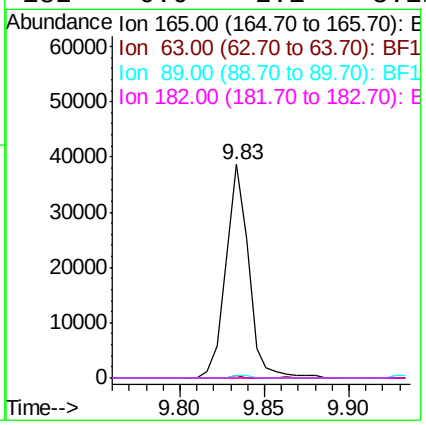


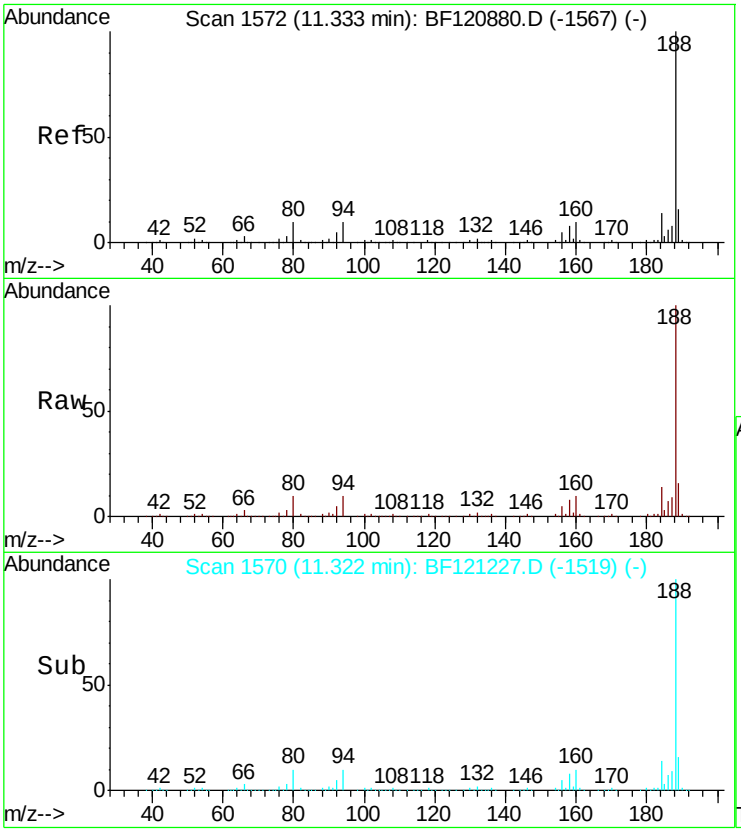


#57
2,4-Dinitrotoluene
Concen: 6.183 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:165 Resp: 36097

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.5	50.3	75.5#
182	0.0	2.1	3.1#



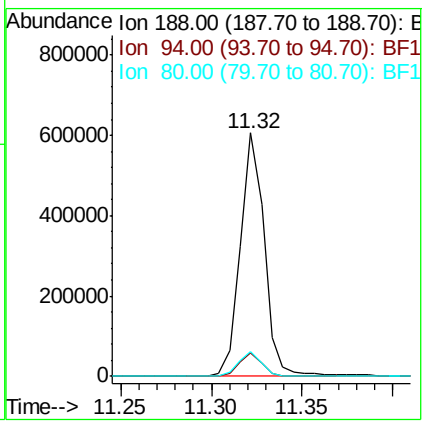


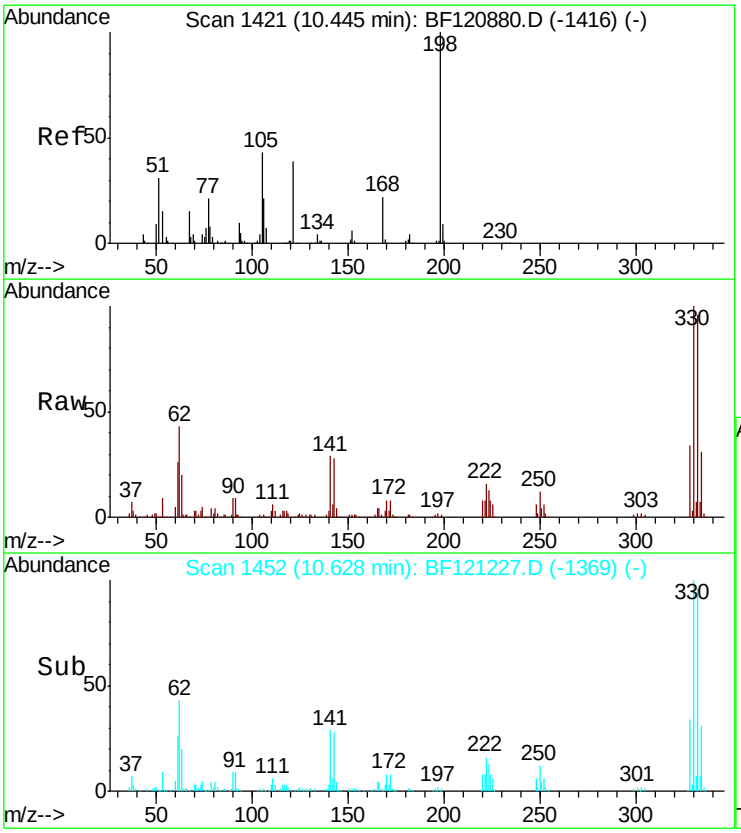
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:188 Resp: 558636

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.0	8.3	12.5

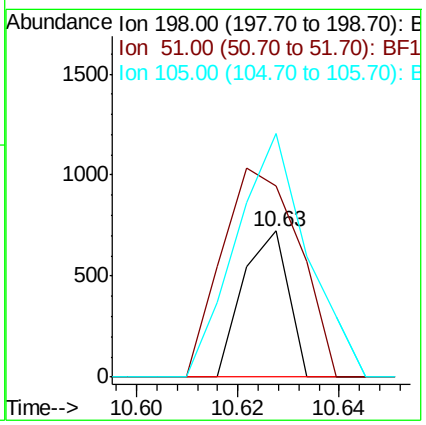


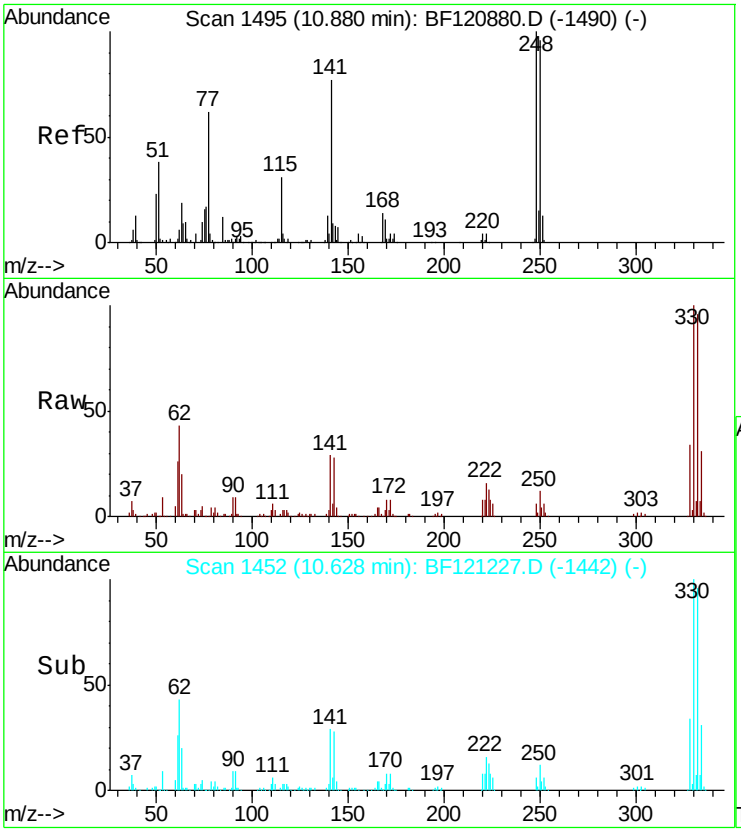


#65
4,6-Dinitro-2-methylphenol
Concen: 3.970 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:198 Resp: 449

Ion	Ratio	Lower	Upper
198	100		
51	131.0	23.4	63.4#
105	166.7	23.7	63.7#



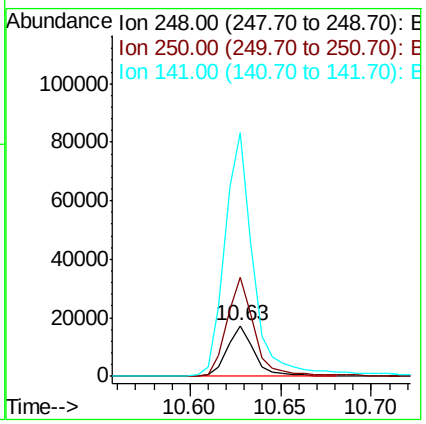


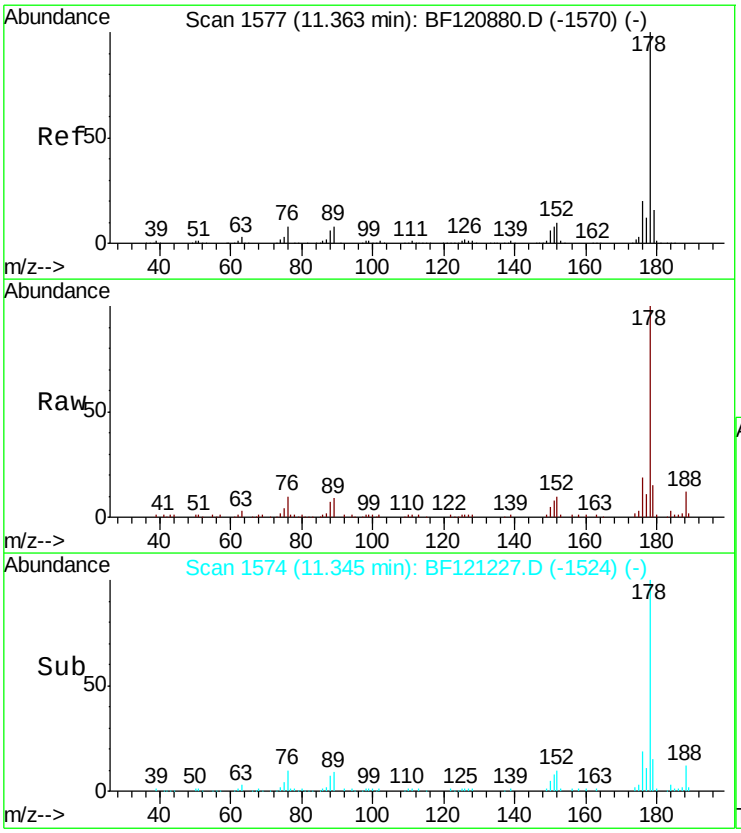
#67
4-Bromophenyl-phenylether
Concen: 2.900 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:248 Resp: 18063

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.0	115.6#
141	481.6	56.6	85.0#

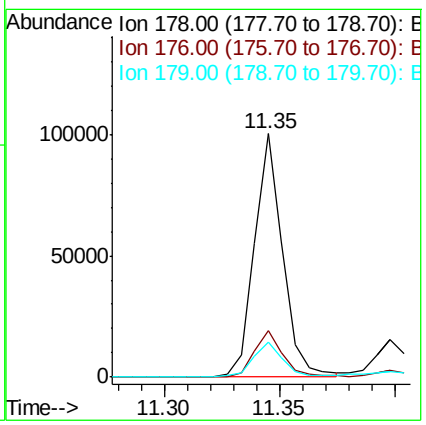


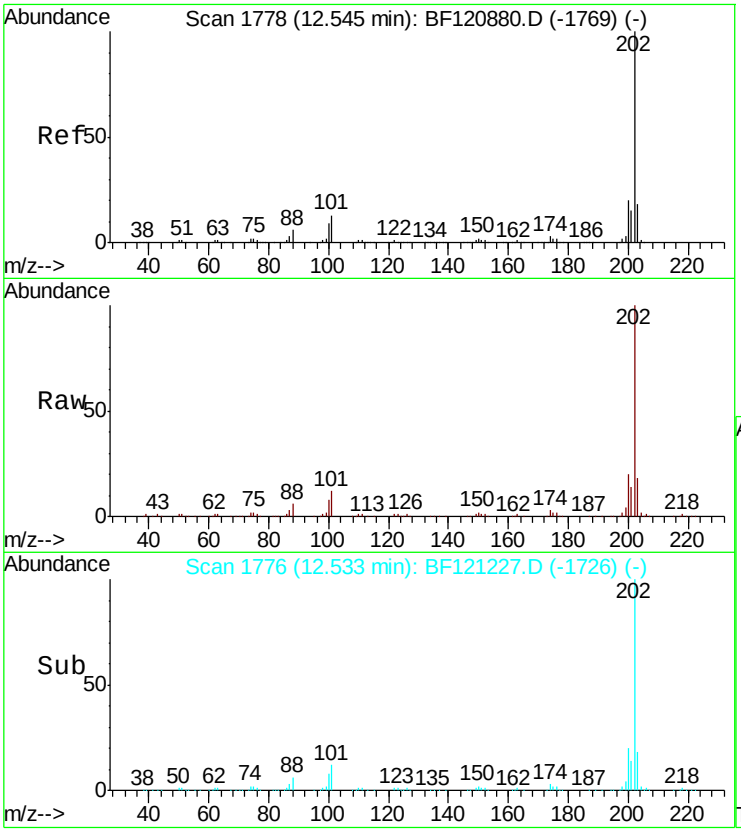


#71
Phenanthrene
Concen: 2.988 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:178 Resp: 85842

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	14.6	12.6	19.0



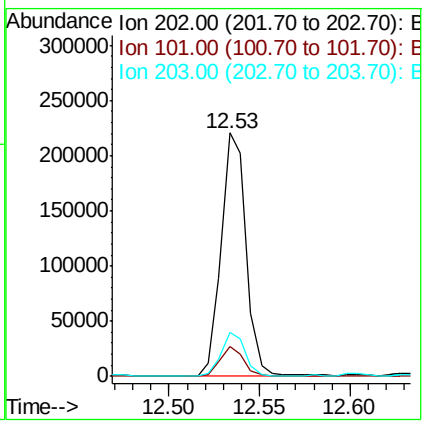


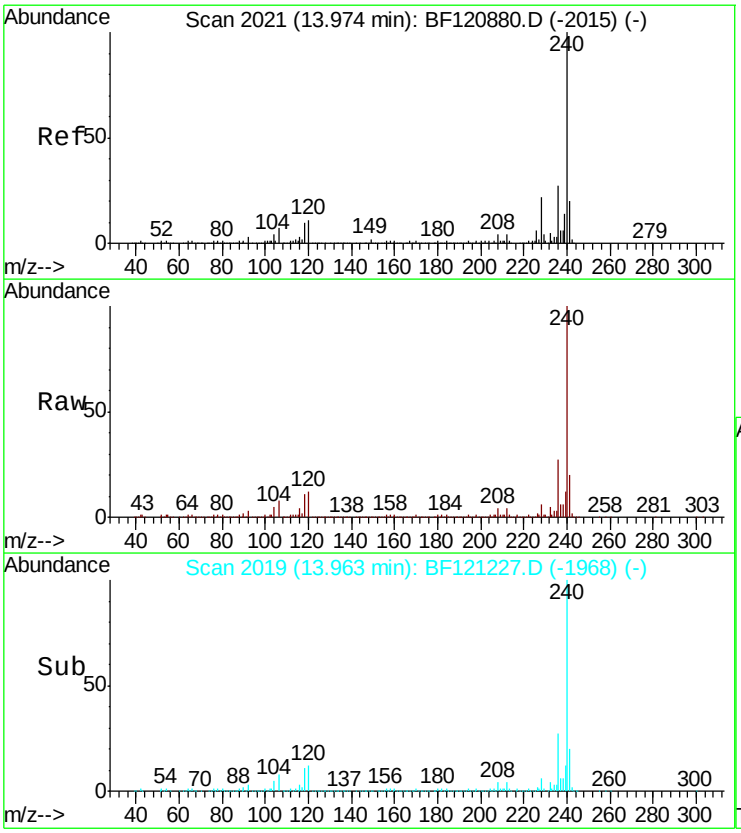
#75
Fluoranthene
Concen: 6.655 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:202 Resp: 211929

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.5
203	18.2	0.0	37.7

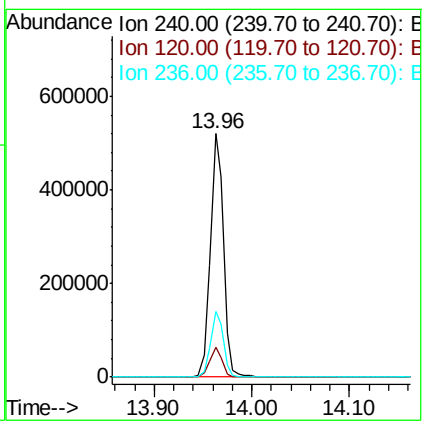


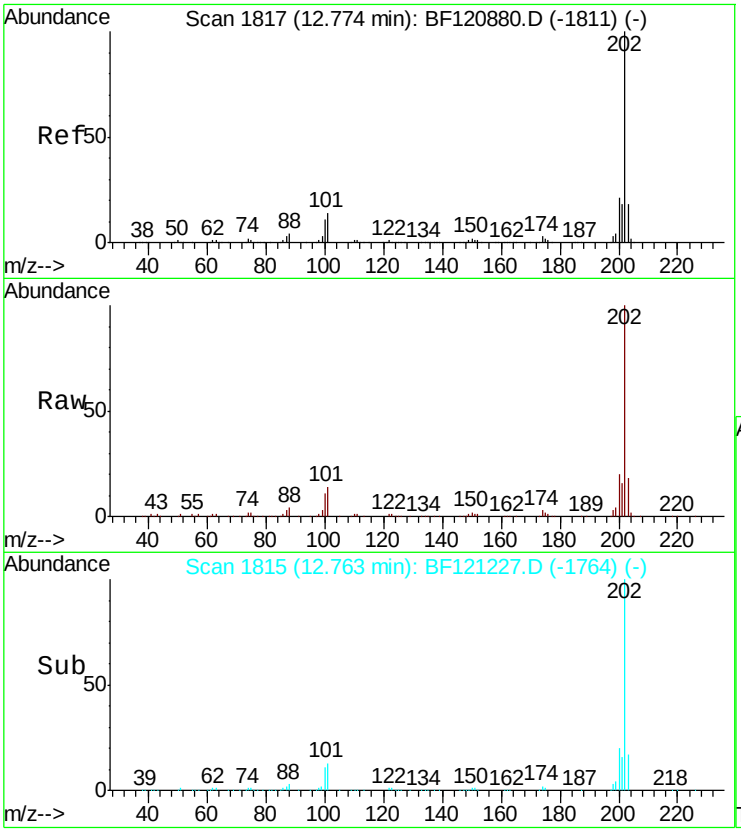


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:240 Resp: 483985

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.3	13.9
236	26.7	21.1	31.7



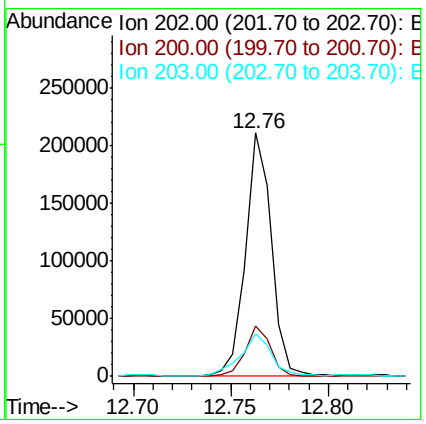


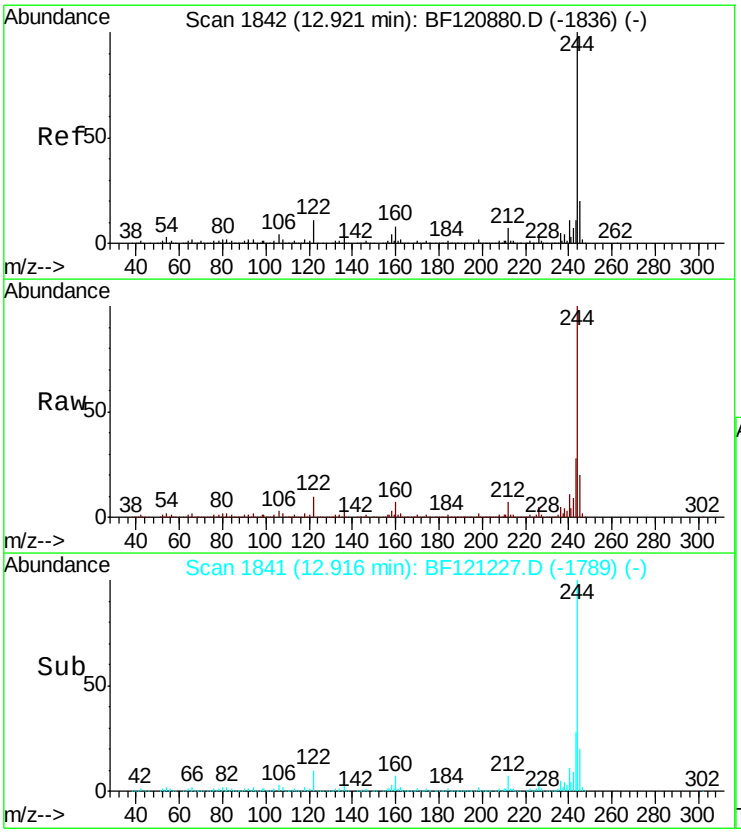
#78
Pyrene
Concen: 5.654 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:202 Resp: 193462

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.6
203	17.7	14.6	21.8

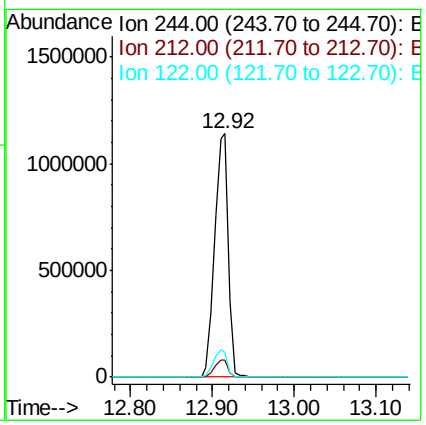


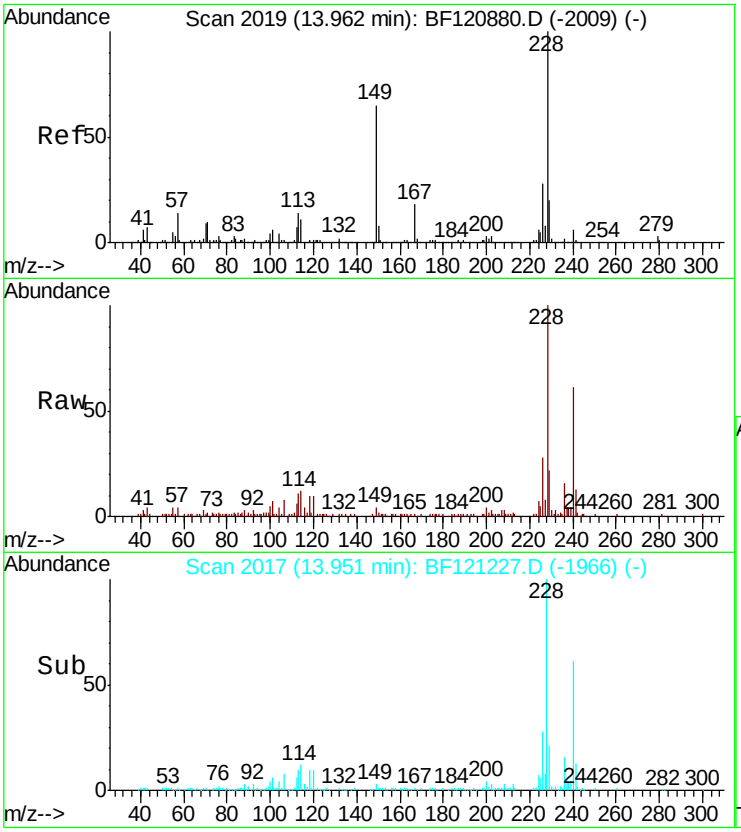


#79
Terphenyl-d14
Concen: 59.849 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:244 Resp: 1332510

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.2	8.3	12.5



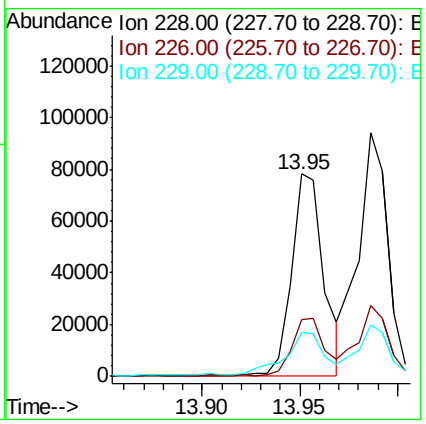


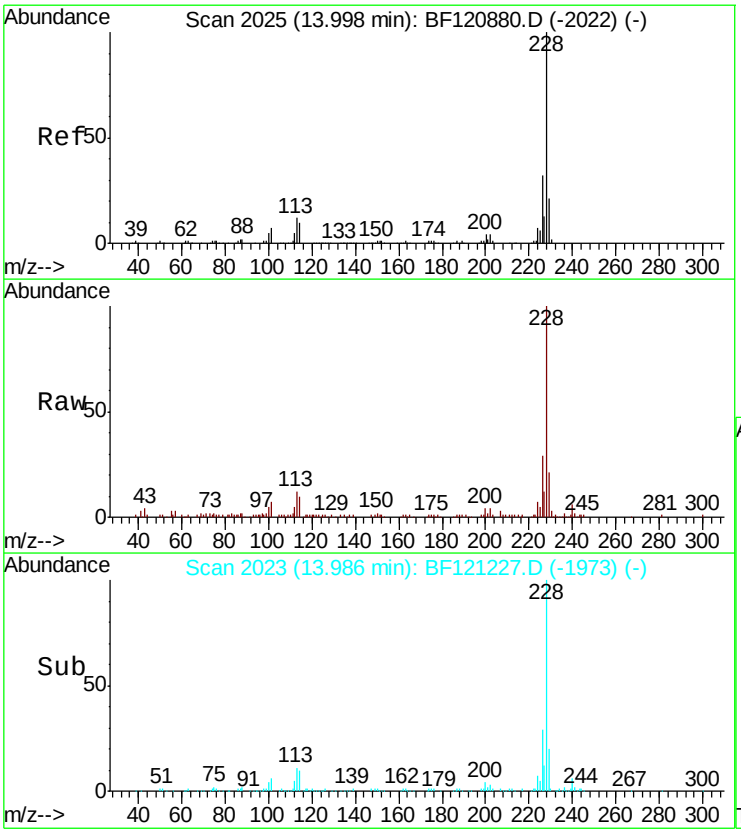
#81
Benzo(a)anthracene
Concen: 3.064 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:228 Resp: 89813

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	21.8	16.1	24.1

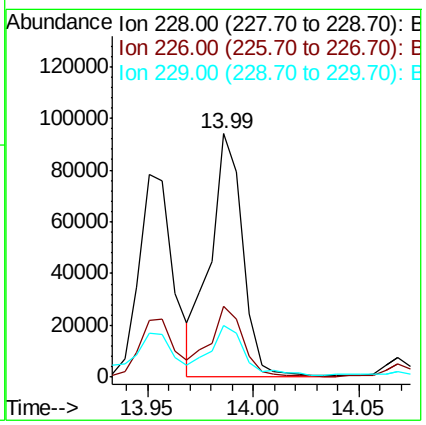


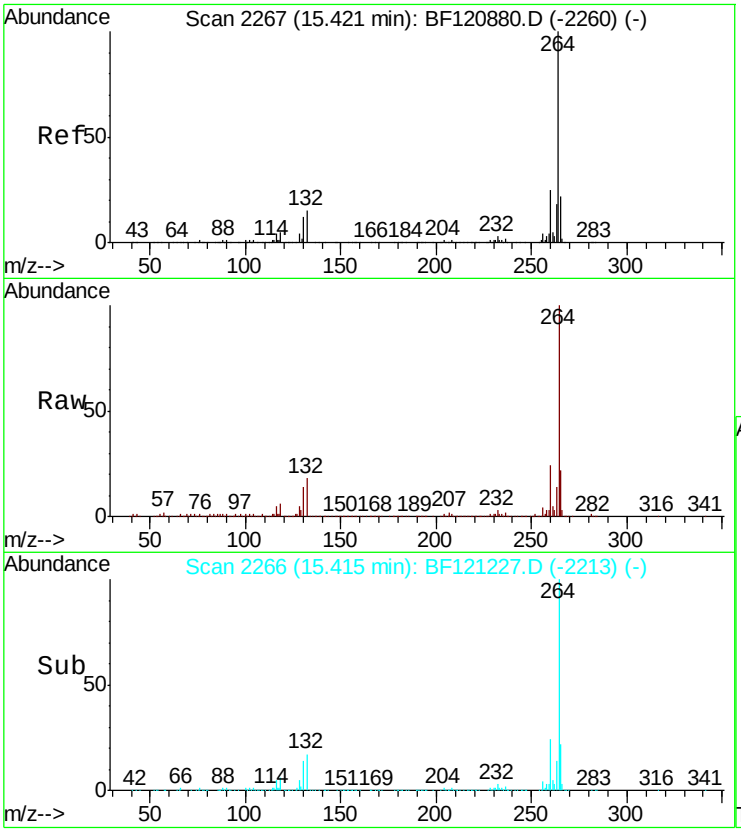


#83
Chrysene
Concen: 3.276 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:228 Resp: 100897

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.0
229	21.1	16.2	24.4



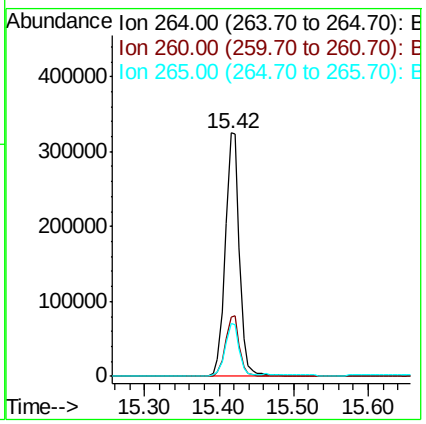


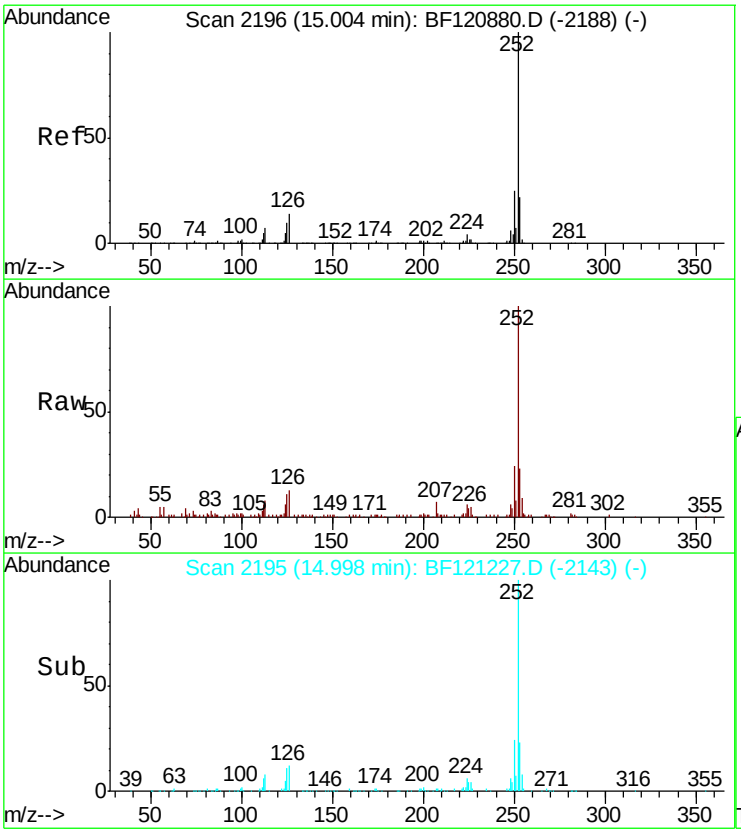
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:264 Resp: 436331

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.5	17.8	26.8

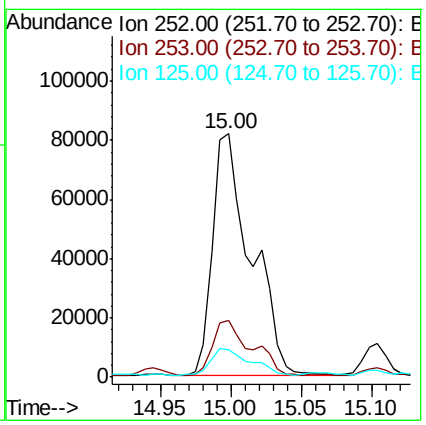


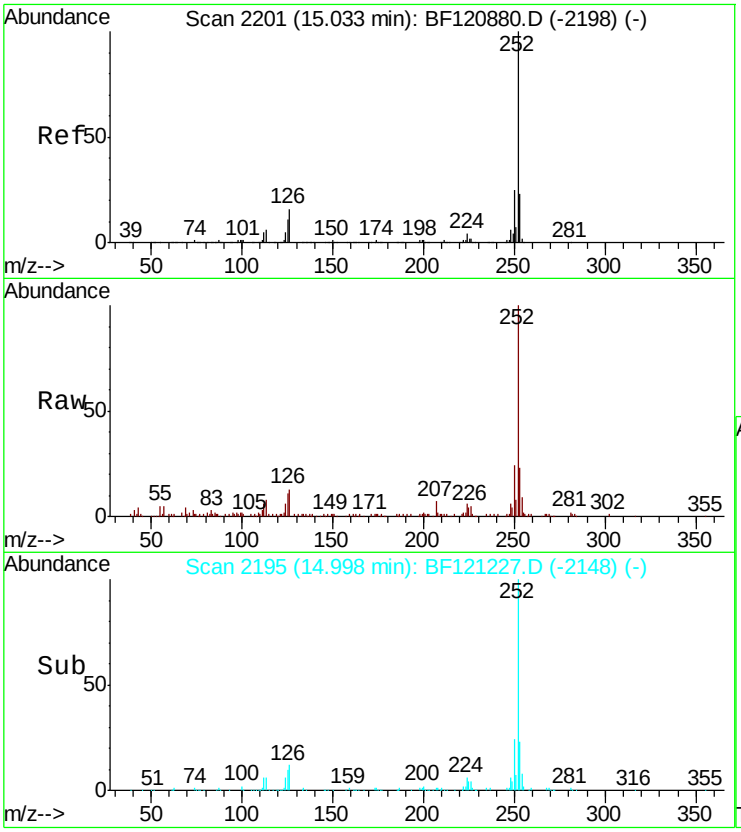


#88
Benzo(b)fluoranthene
Concen: 5.942 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:252 Resp: 156707

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.3	8.1	12.1



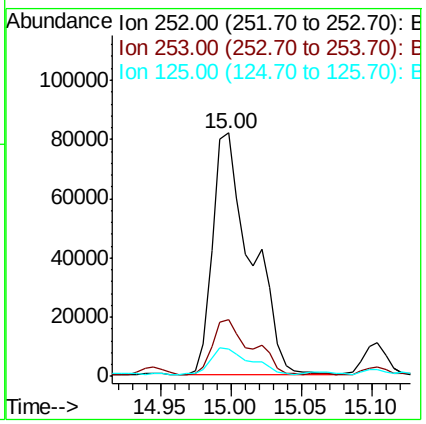


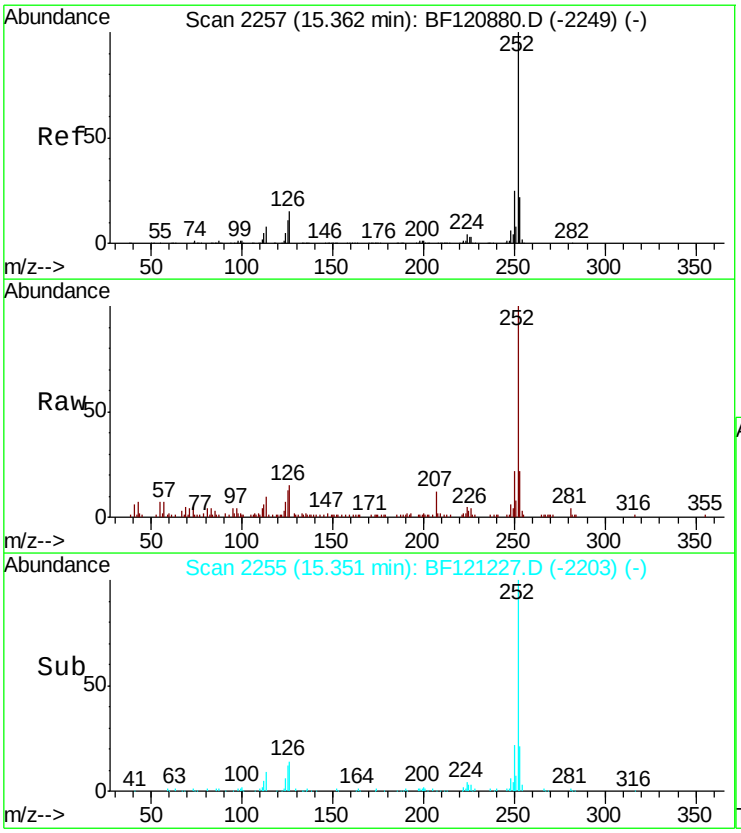
#89
Benzo(k)fluoranthene
Concen: 6.515 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Instrument :
BNA_F
ClientSampleId :
CRT-004

Tgt Ion:252 Resp: 156707

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.3	8.0	12.0





#90
Benzo(a)pyrene
Concen: 2.795 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121227.D
Acq: 7 Aug 2020 12:04

Tgt Ion:252 Resp: 67246

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.0	9.5	14.3