Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121144.D
Acq On : 30 Jul 2020 23:24
Operator : JU/CG
Sample : L3451-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-015-A

Quant Time: Jul 31 00:35:14 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	6.80	152	127885	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	476955	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	230127	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	396615	20.00	ng		0.00
76) Chrysene-d12	13.97	240	352168	20.00	ng		0.01
86) Perylene-d12	15.43	264	290658	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	164659	21.11	ng		0.00
7) Phenol-d6	6.43	99	202943	20.14	ng		-0.01
23) Nitrobenzene-d5	7.36	82	109996	13.34	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	42073	16.70	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	239536	15.54	ng		0.00
79) Terphenyl-d14	12.91	244	227741	14.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	146	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.36	70	14223	2.482	ng	#	80
25) Isophorone	7.36	82	104843	6.373	ng	#	62
51) 2,6-Dinitrotoluene	9.84	165	29302	8.215	ng	#	27
57) 2,4-Dinitrotoluene	9.84	165	29302	6.256	ng	#	30
75) Fluoranthene	12.54	202	69777	3.086	ng		98
78) Pyrene	12.77	202	69137	2.777	ng		99
81) Benzo(a)anthracene	13.96	228	48507	2.275	ng		94
83) Chrysene	13.96	228	48507	2.164	ng		98
88) Benzo(b)fluoranthene	15.01	252	78593	4.473	ng	#	82
89) Benzo(k)fluoranthene	15.01	252	78593	4.905	ng	#	82
90) Benzo(a)pyrene	15.37	252	39269	2.450	ng	#	79

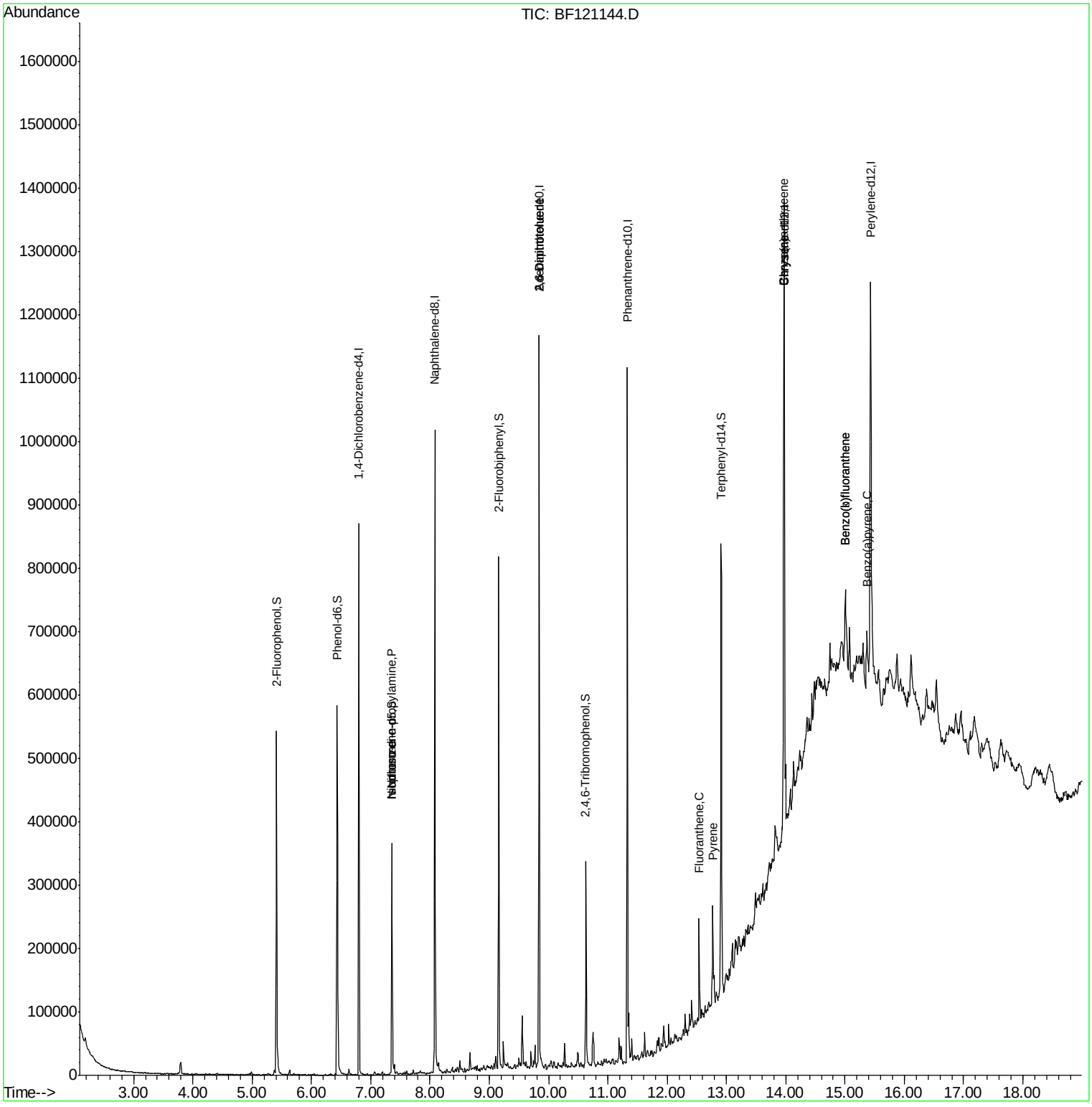
(#) = qualifier out of range (m) = manual integration (+) = signals summed

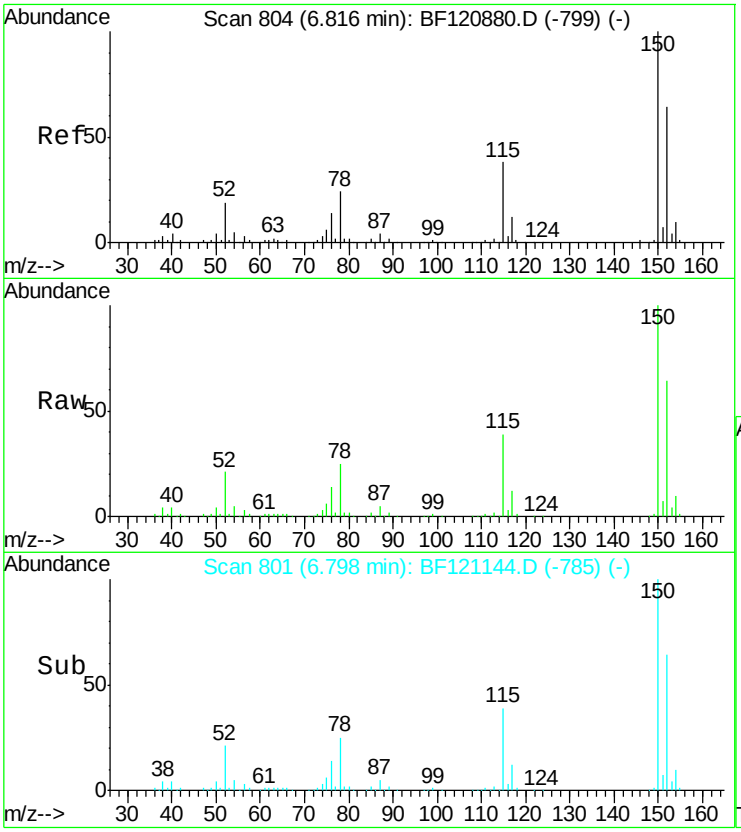
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121144.D
Acq On : 30 Jul 2020 23:24
Operator : JU/CG
Sample : L3451-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Quant Time: Jul 31 00:35:14 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



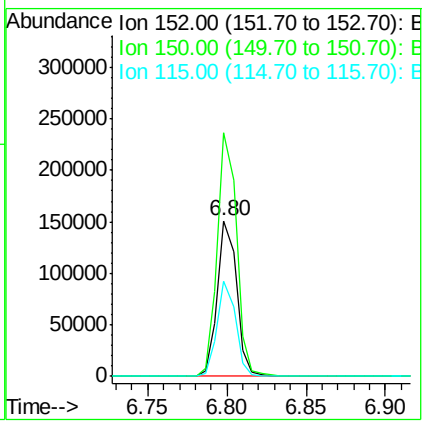


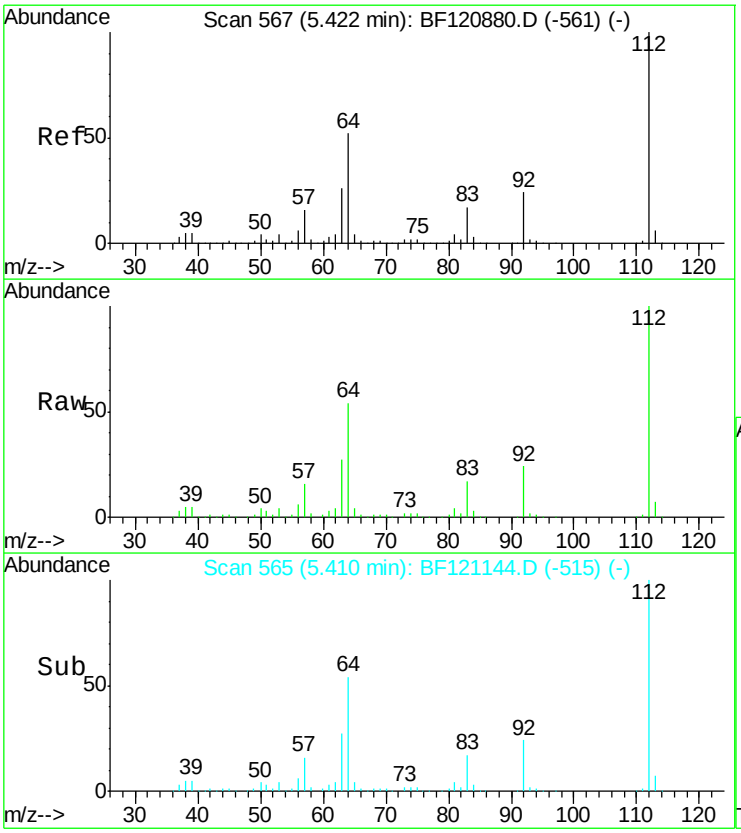
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:152 Resp: 127885

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.6	188.4
115	61.1	46.2	69.2

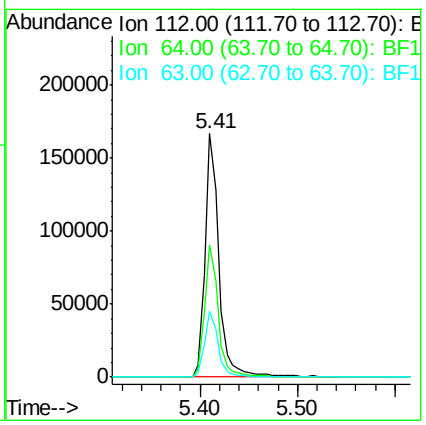


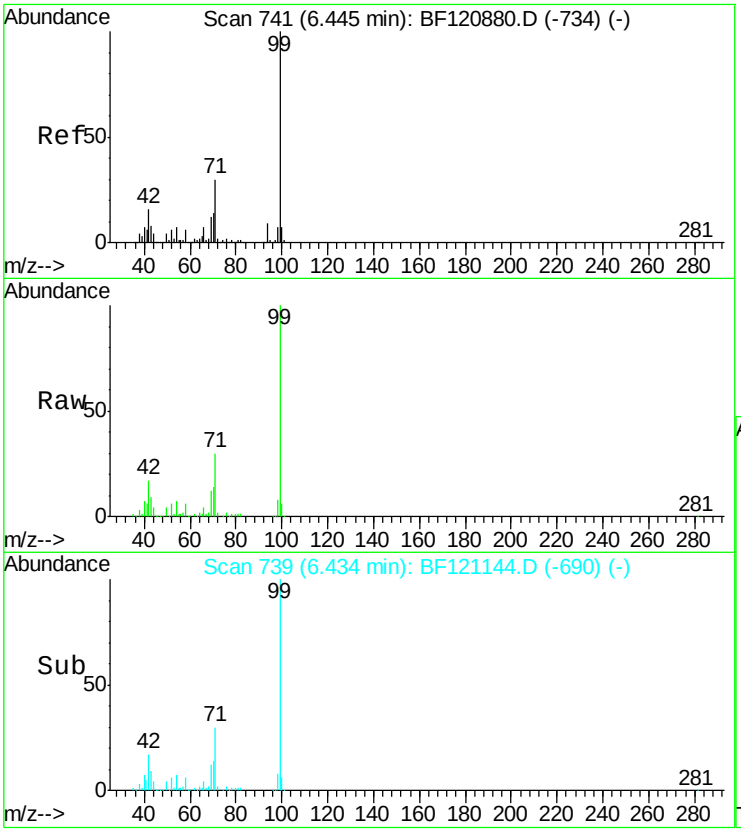


#5
2-Fluorophenol
Concen: 21.108 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:112 Resp: 164659

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.9	65.9
63	27.0	22.7	34.1



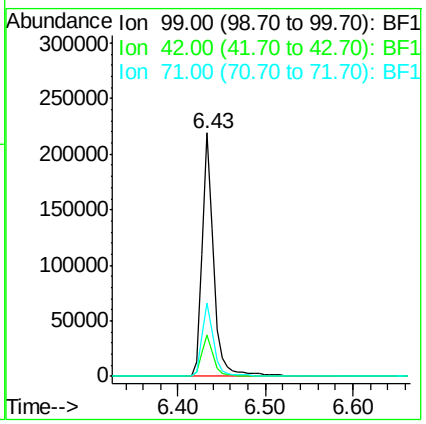


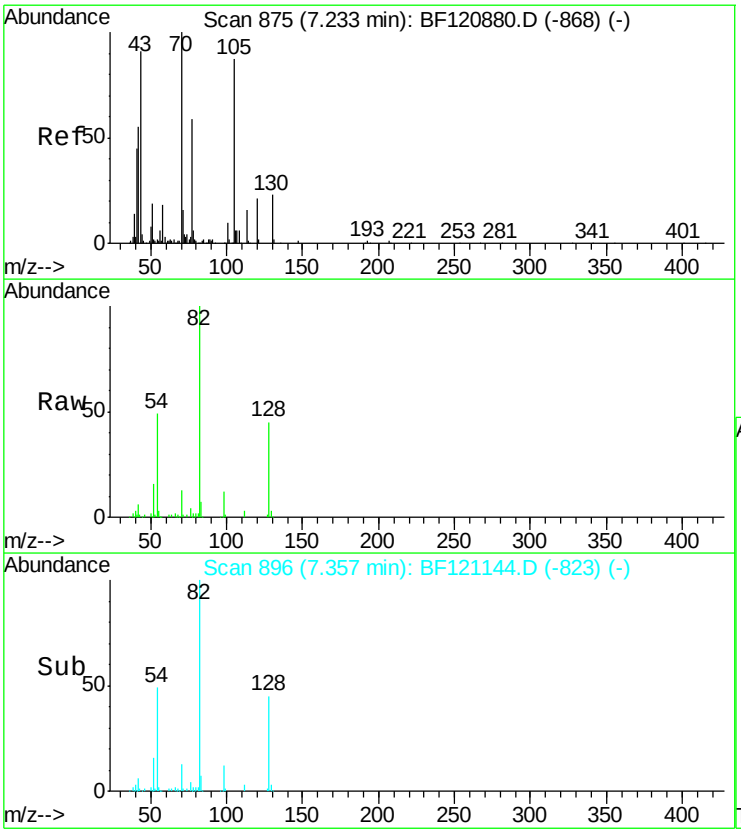
#7
Phenol-d6
Concen: 20.140 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion: 99 Resp: 202943

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	30.1	25.0	37.4

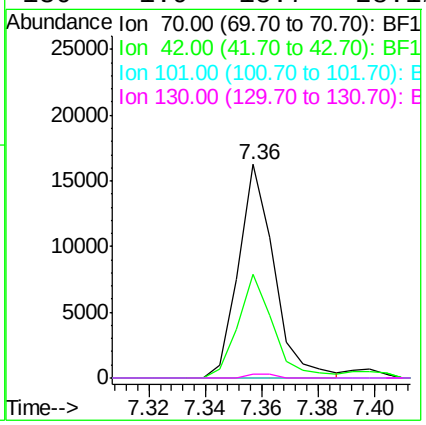


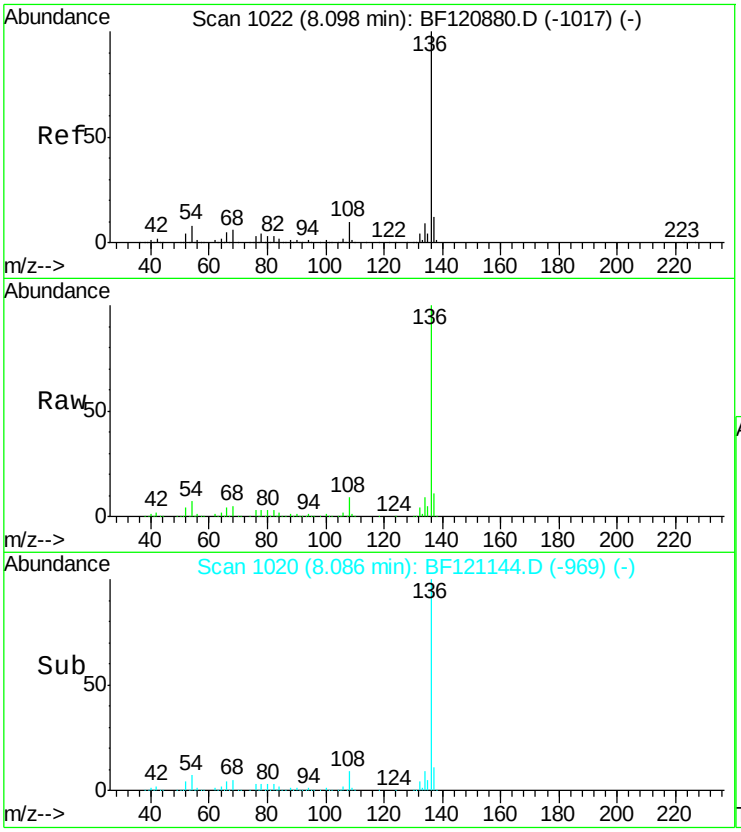


#19
n-Nitroso-di-n-propylamine
Concen: 2.482 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion: 70 Resp: 14223

Ion	Ratio	Lower	Upper
70	100		
42	48.4	43.3	64.9
101	0.0	8.4	12.6#
130	1.9	18.7	28.1#



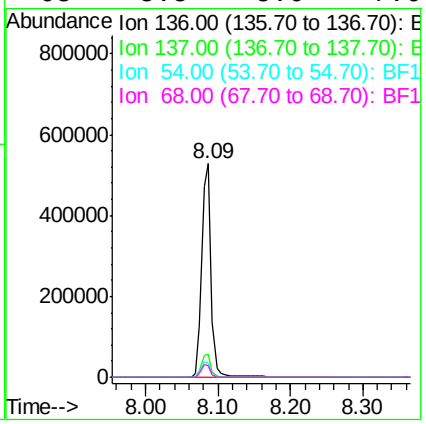


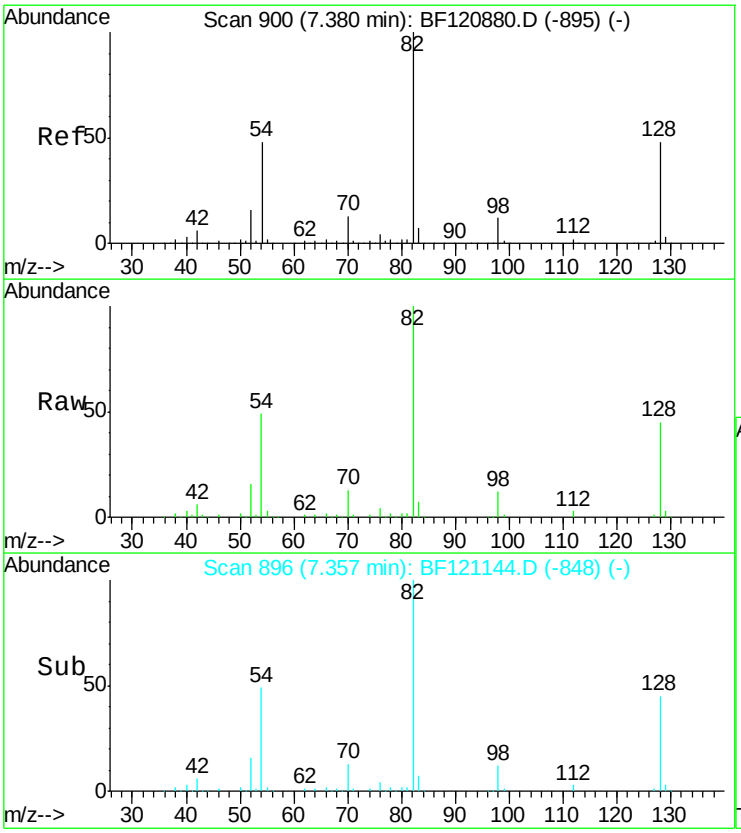
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:136 Resp: 476955

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	6.1	9.1
68	5.5	5.0	7.6

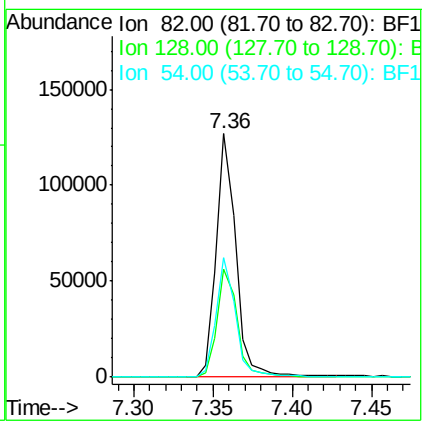


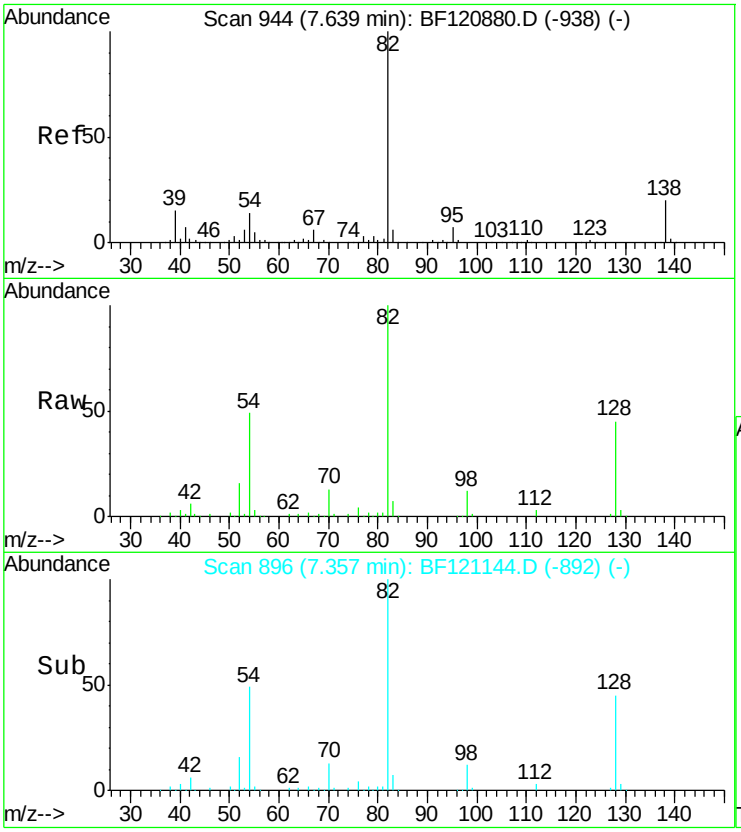


#23
Nitrobenzene-d5
Concen: 13.344 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion: 82 Resp: 109996

Ion	Ratio	Lower	Upper
82	100		
128	44.6	39.2	58.8
54	49.0	37.8	56.8



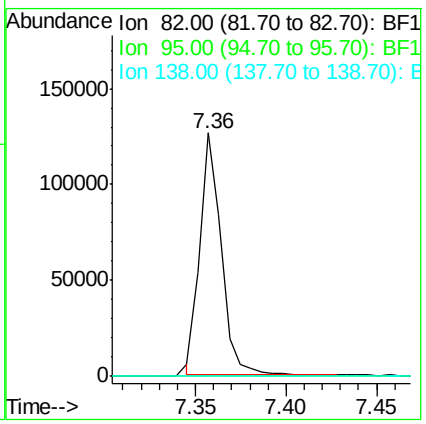


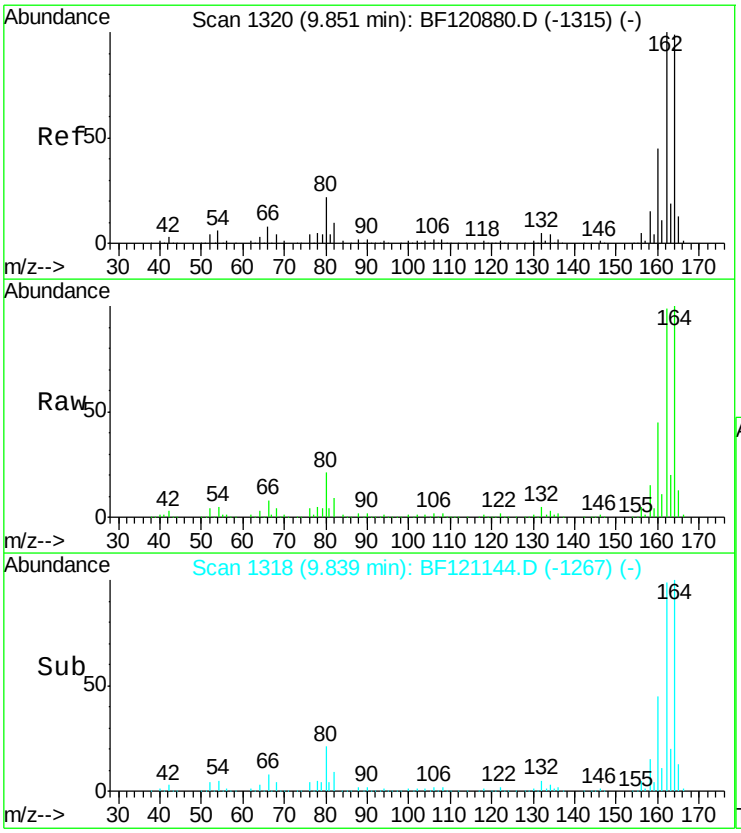
#25
Isophorone
Concen: 6.373 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion: 82 Resp: 104843

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

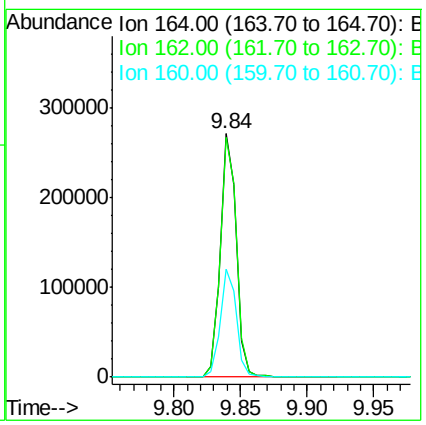


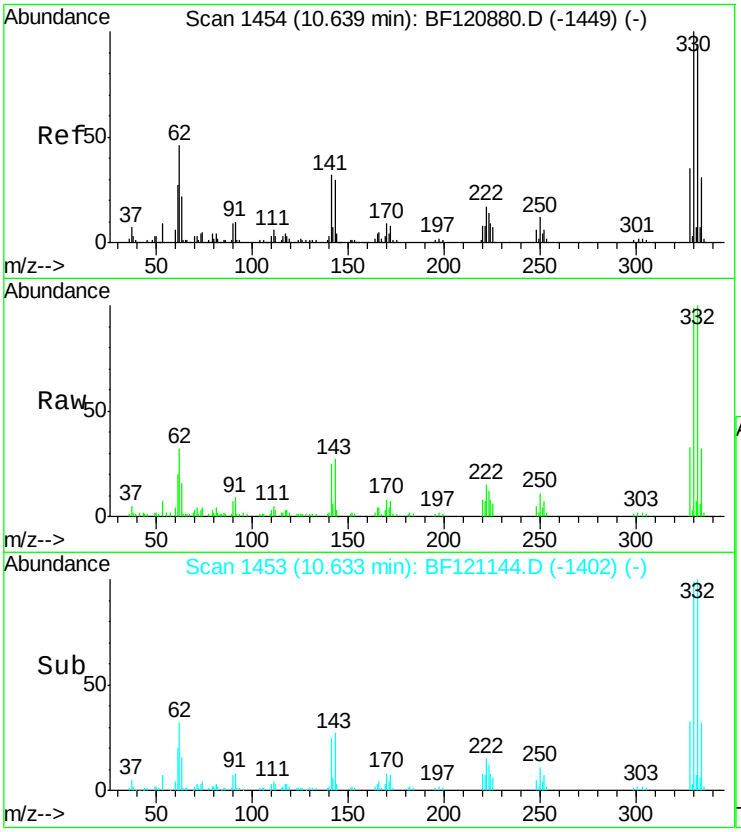


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:164 Resp: 230127

Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.2	123.2
160	44.5	37.2	55.8



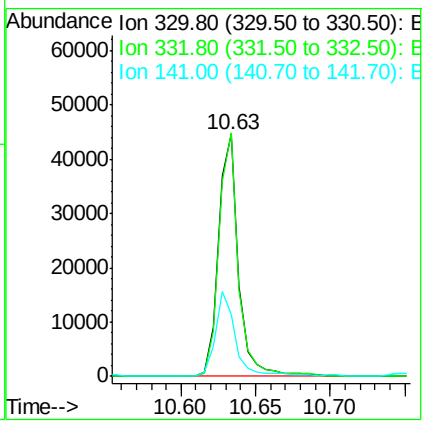


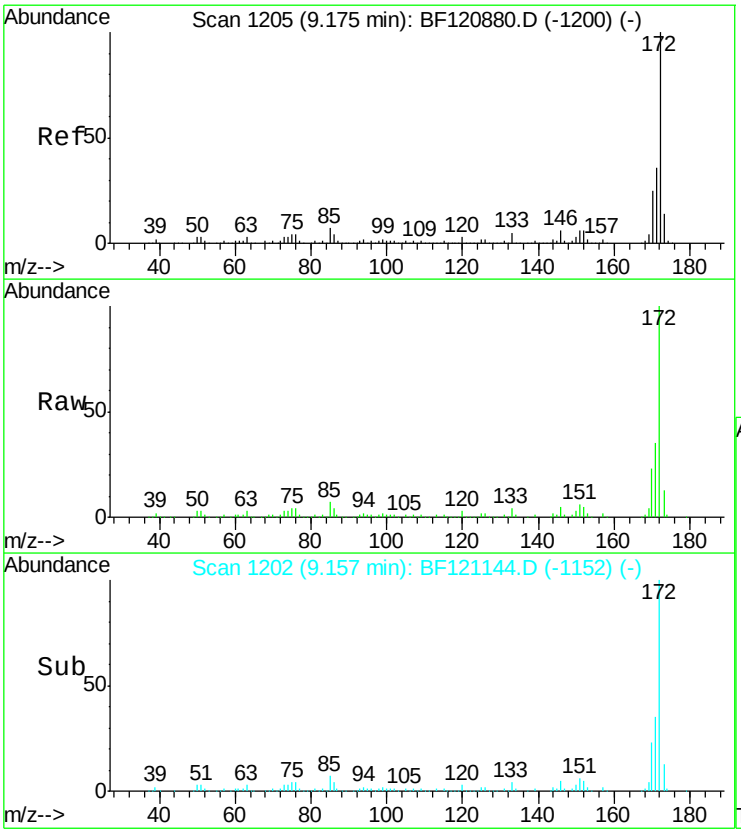
#42
2,4,6-Tribromophenol
Concen: 16.702 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:330 Resp: 42073

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.1	114.1
141	35.1	24.1	36.1

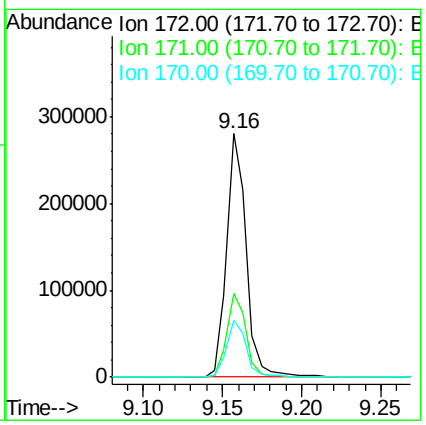


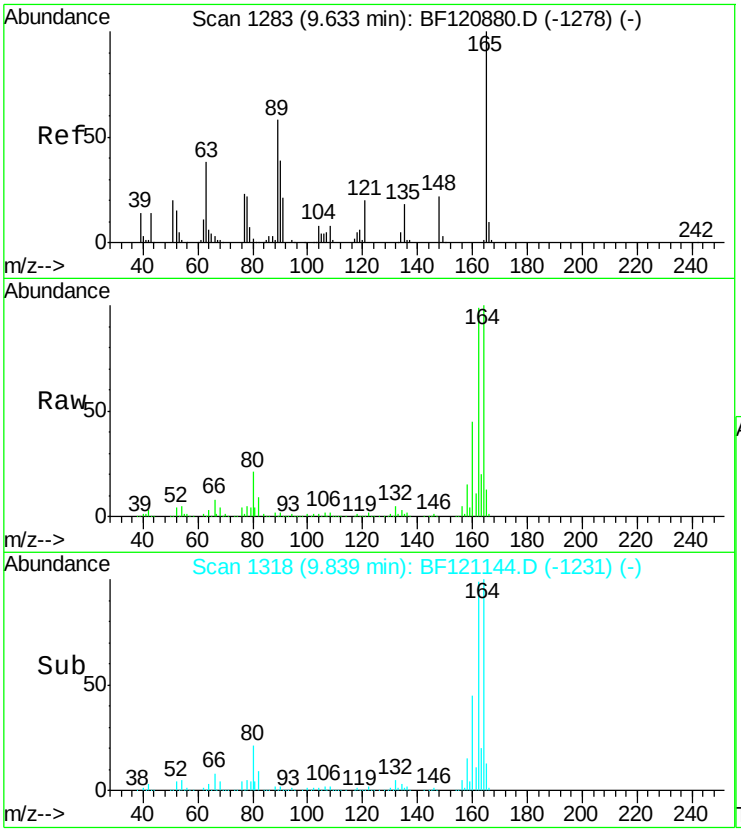


#45
2-Fluorobiphenyl
Concen: 15.541 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:172 Resp: 239536

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	23.5	19.6	29.4



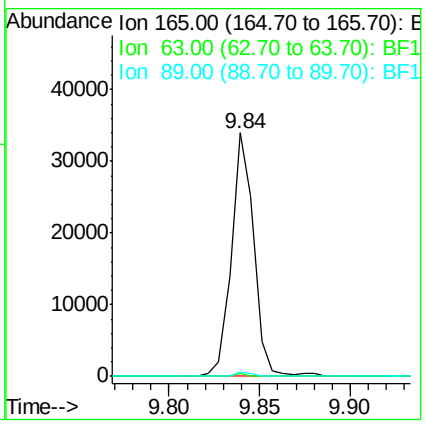


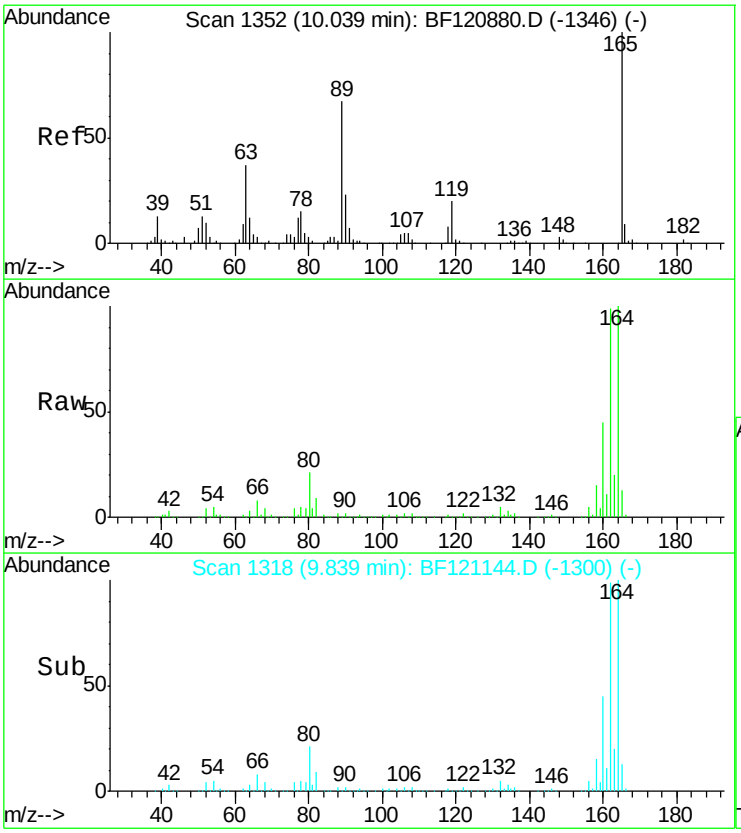
#51
2,6-Dinitrotoluene
Concen: 8.215 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:165 Resp: 29302

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.1	61.7#
89	1.7	43.5	65.3#

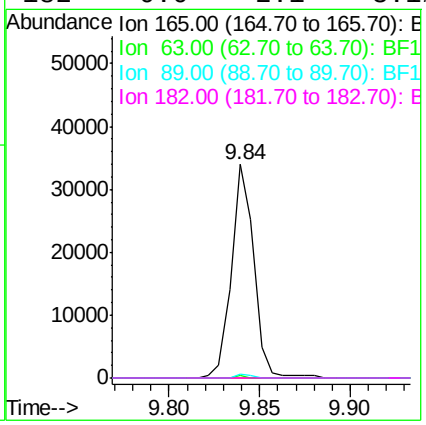


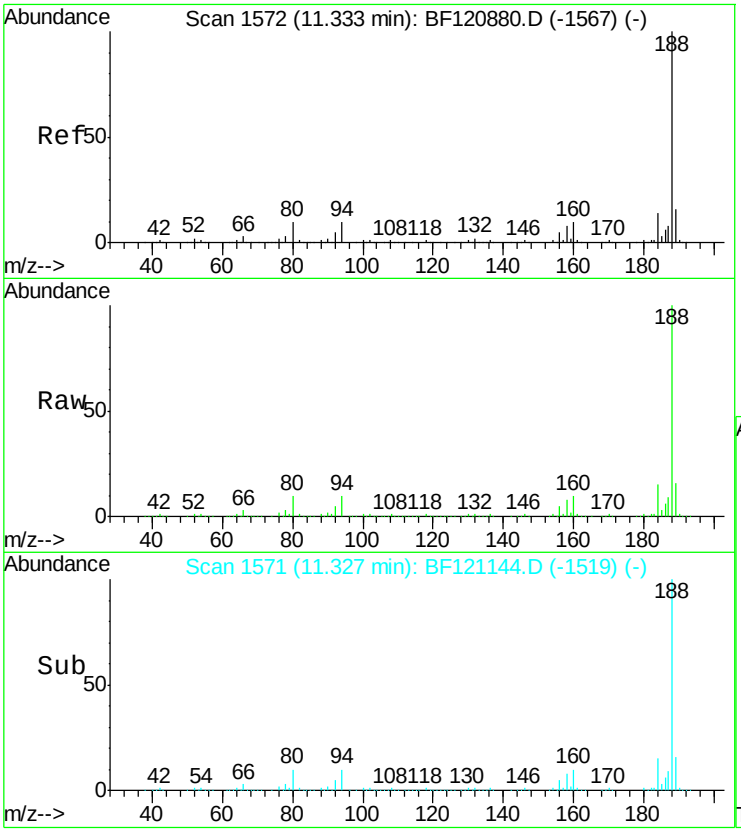


#57
2,4-Dinitrotoluene
Concen: 6.256 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.19 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:165 Resp: 29302

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.7	50.3	75.5#
182	0.0	2.1	3.1#



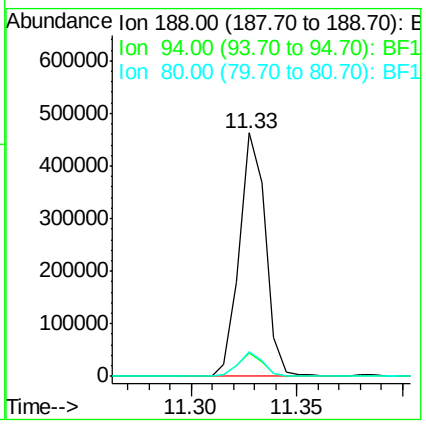


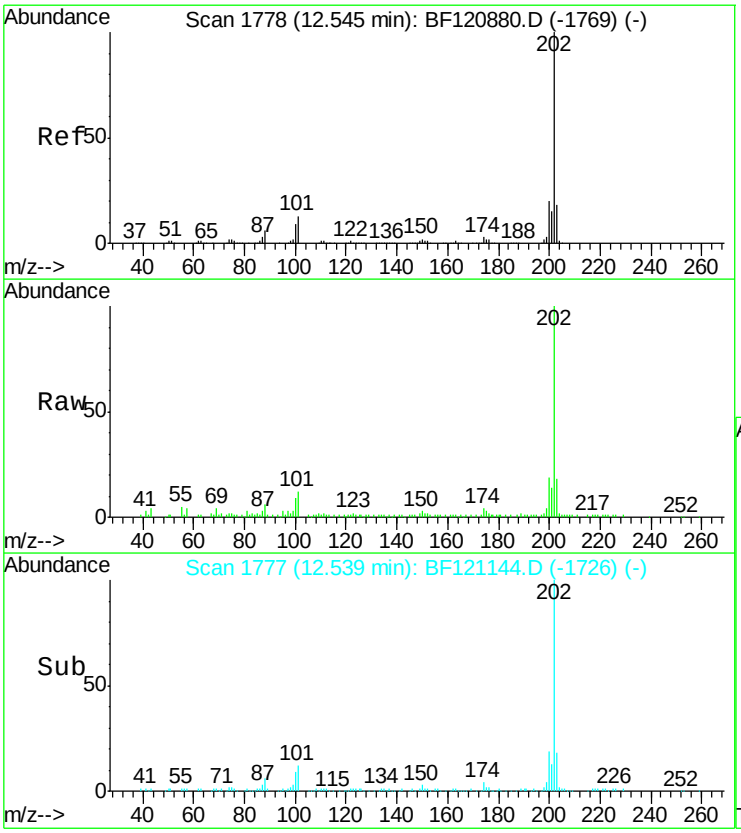
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:188 Resp: 396615

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.0	12.0
80	10.0	8.3	12.5

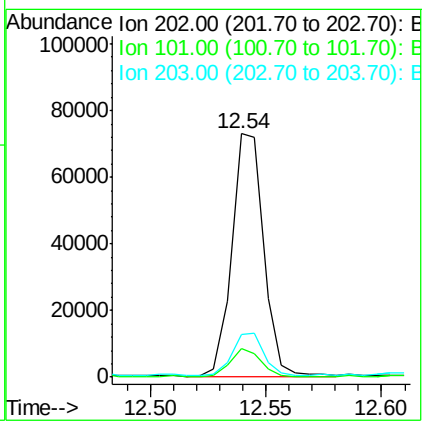


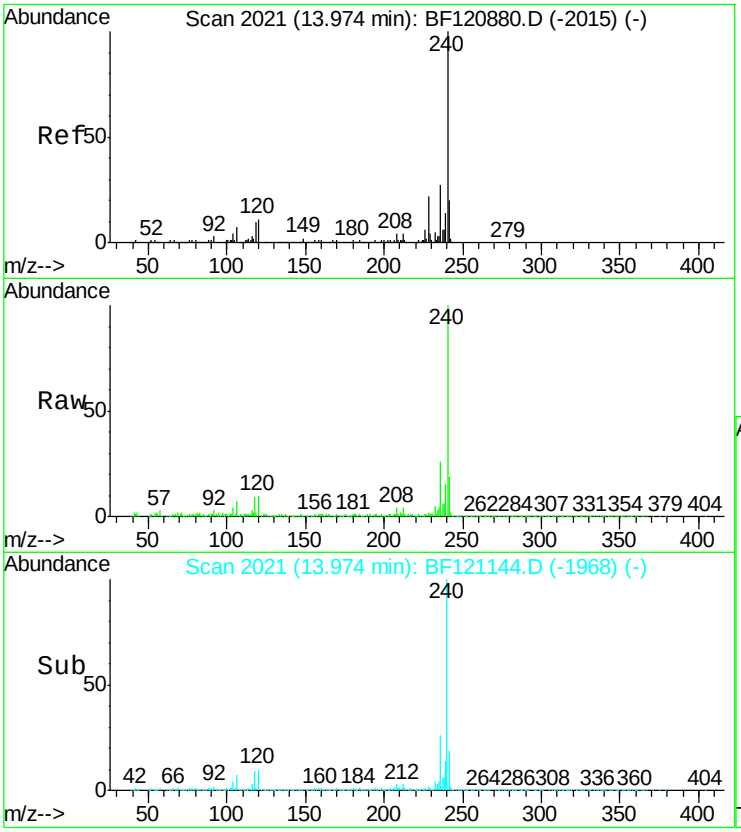


#75
Fluoranthene
Concen: 3.086 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:202 Resp: 69777

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	17.6	0.0	37.7



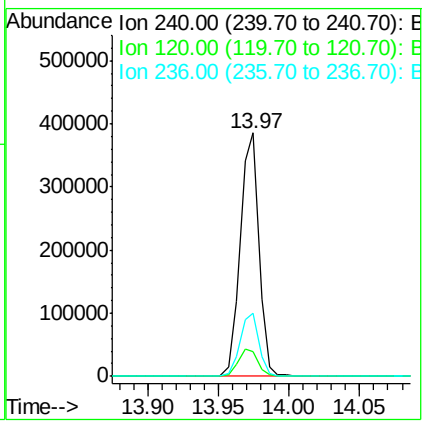


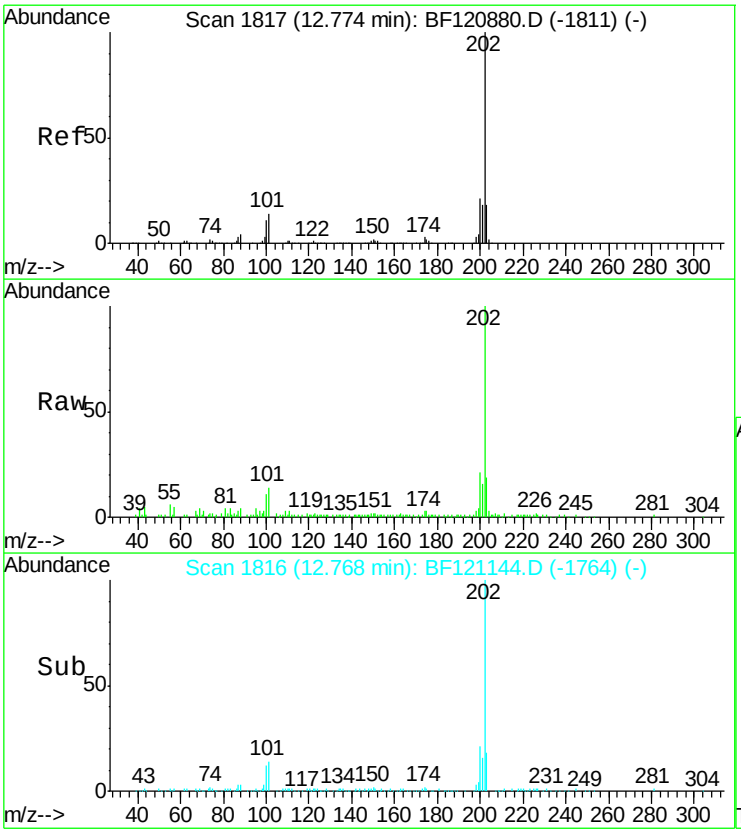
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:240 Resp: 352168

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.3	13.9
236	25.7	21.1	31.7

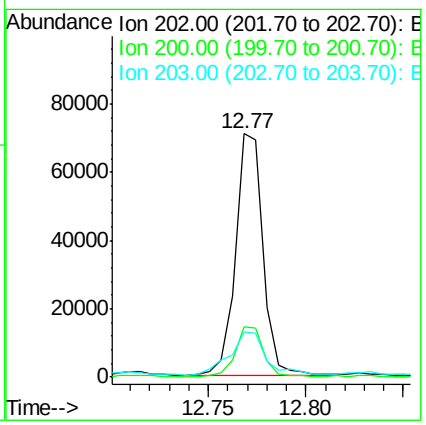


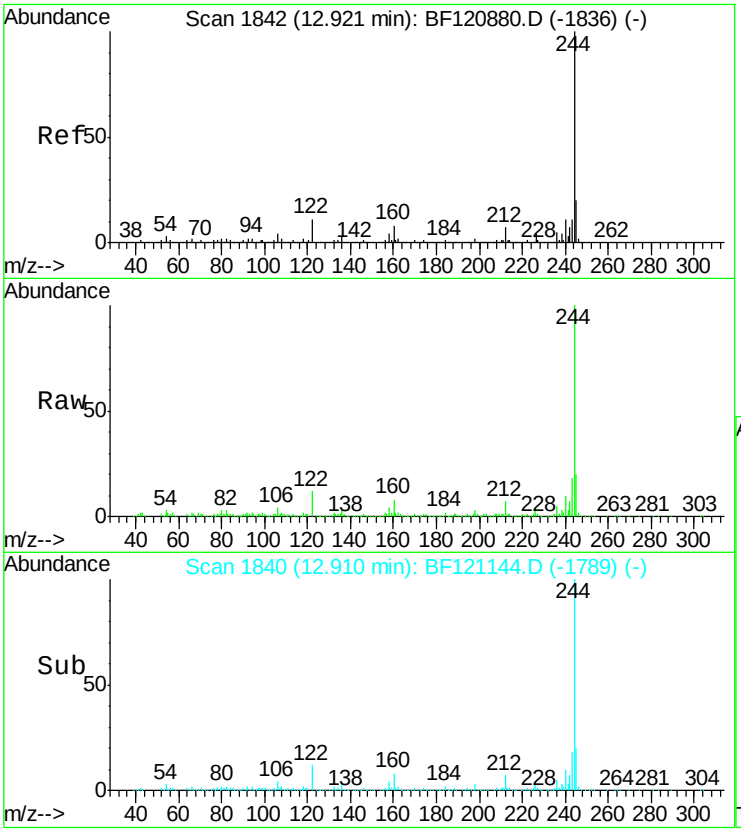


#78
Pyrene
Concen: 2.777 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:202 Resp: 69137

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	18.8	14.6	21.8



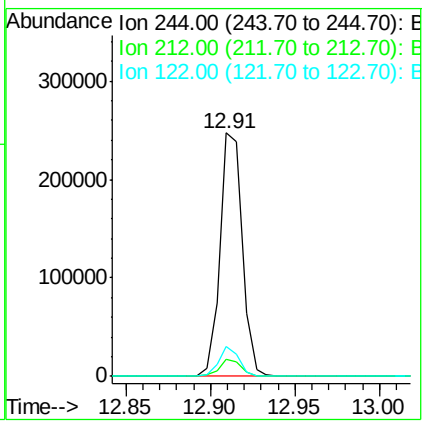


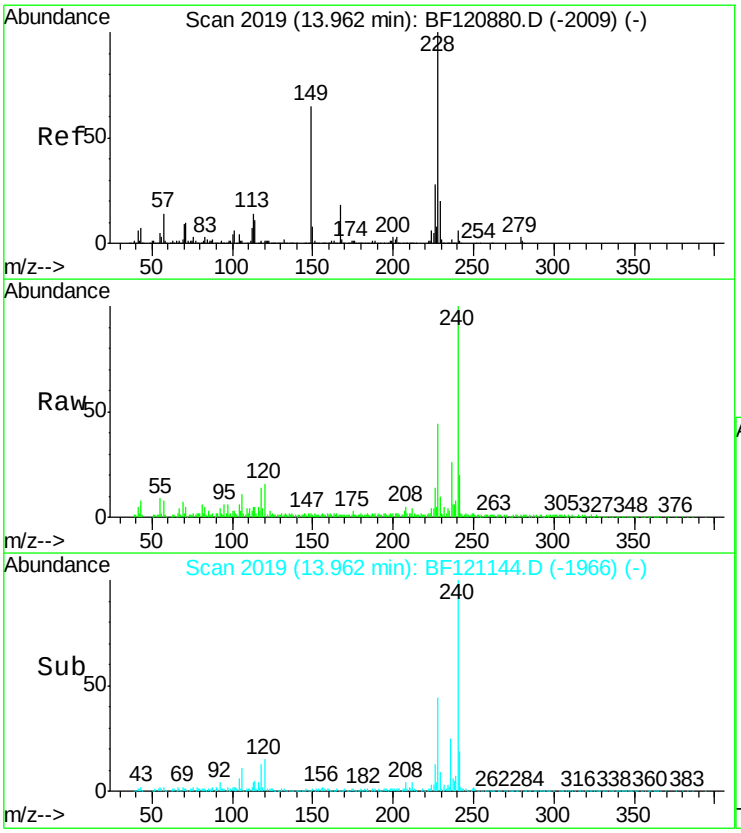
#79
Terphenyl-d14
Concen: 14.057 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:244 Resp: 227741

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.1	8.3	12.5

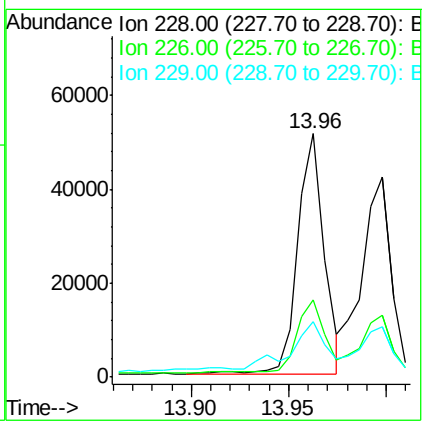


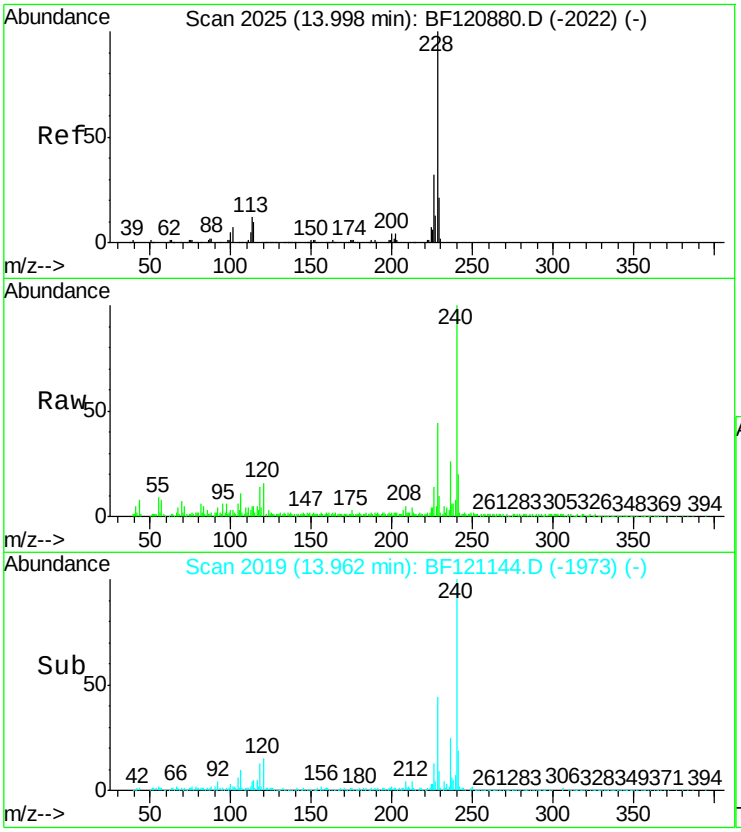


#81
Benzo(a)anthracene
Concen: 2.275 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:228 Resp: 48507

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	34.0
229	22.8	16.1	24.1



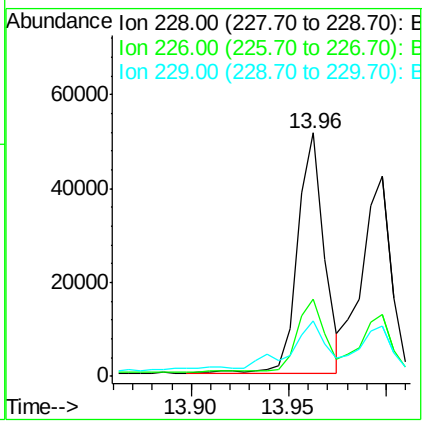


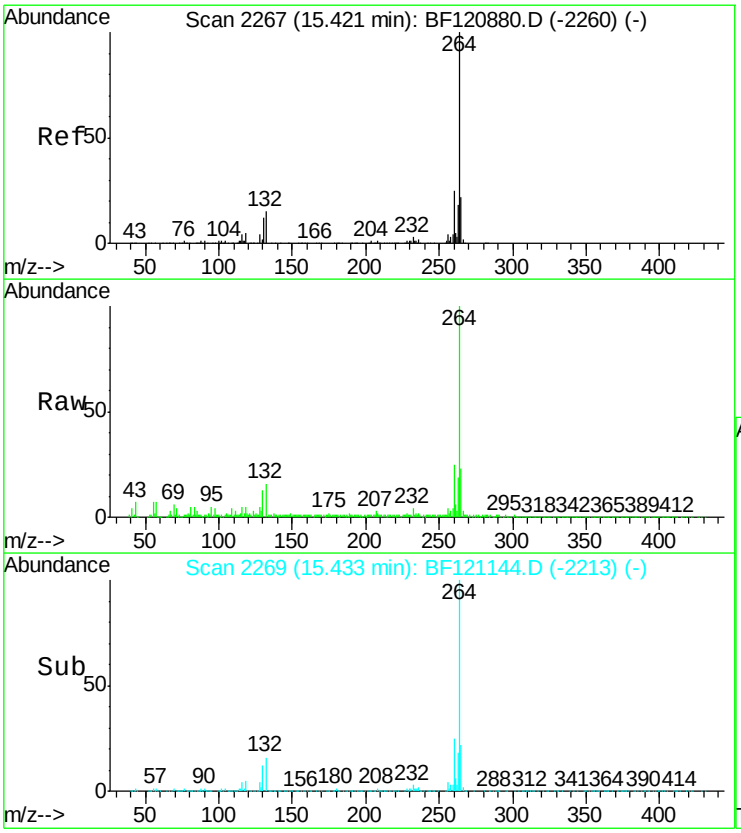
#83
Chrysene
Concen: 2.164 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:228 Resp: 48507

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	22.8	16.2	24.4

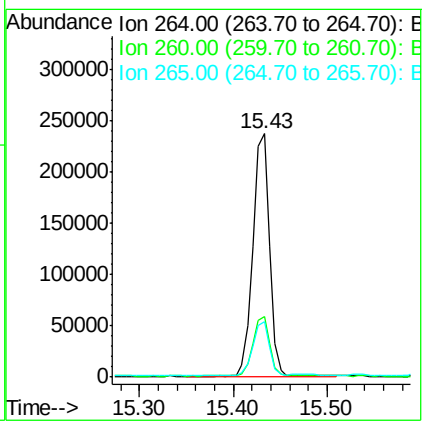


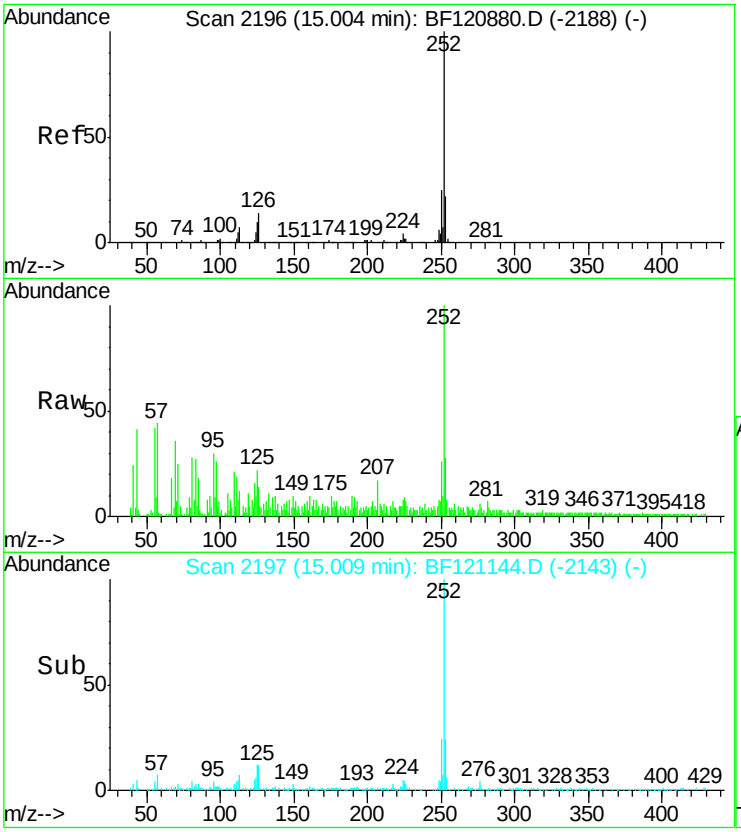


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.03 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:264 Resp: 290658

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.5	17.8	26.8



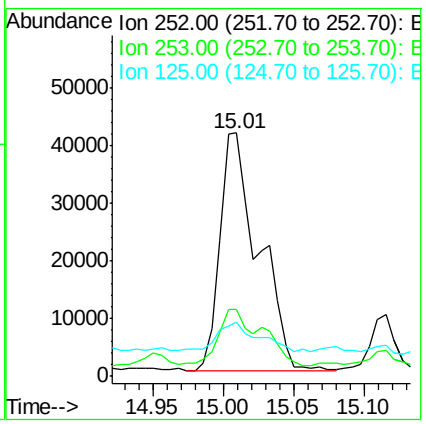


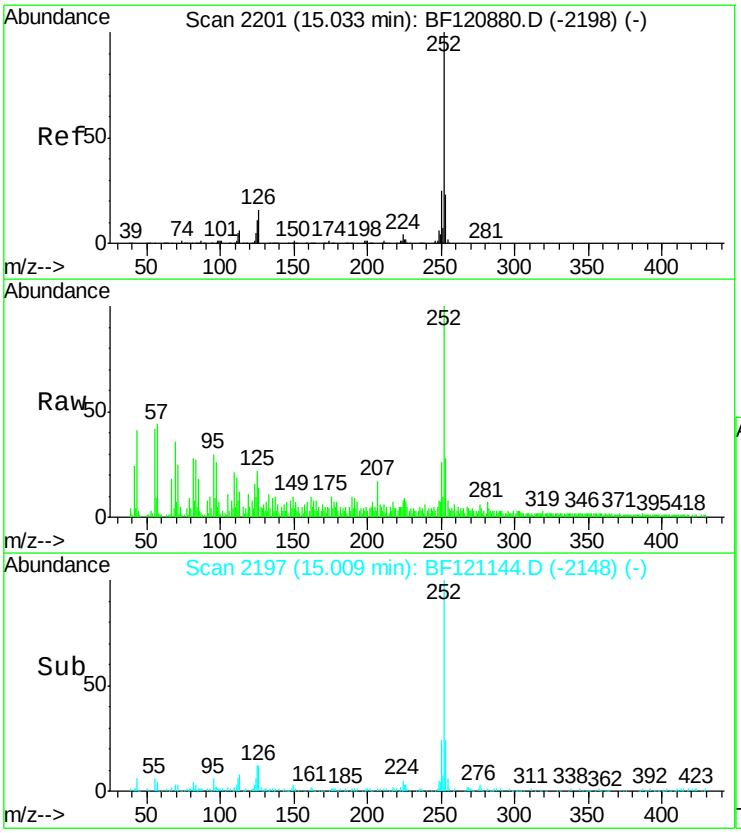
#88
Benzo(b)fluoranthene
Concen: 4.473 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:252 Resp: 78593

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.9	26.9#
125	22.3	8.1	12.1#

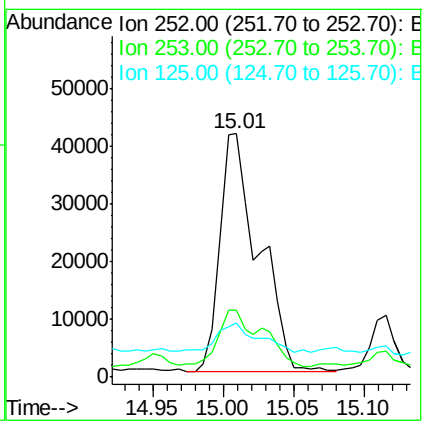


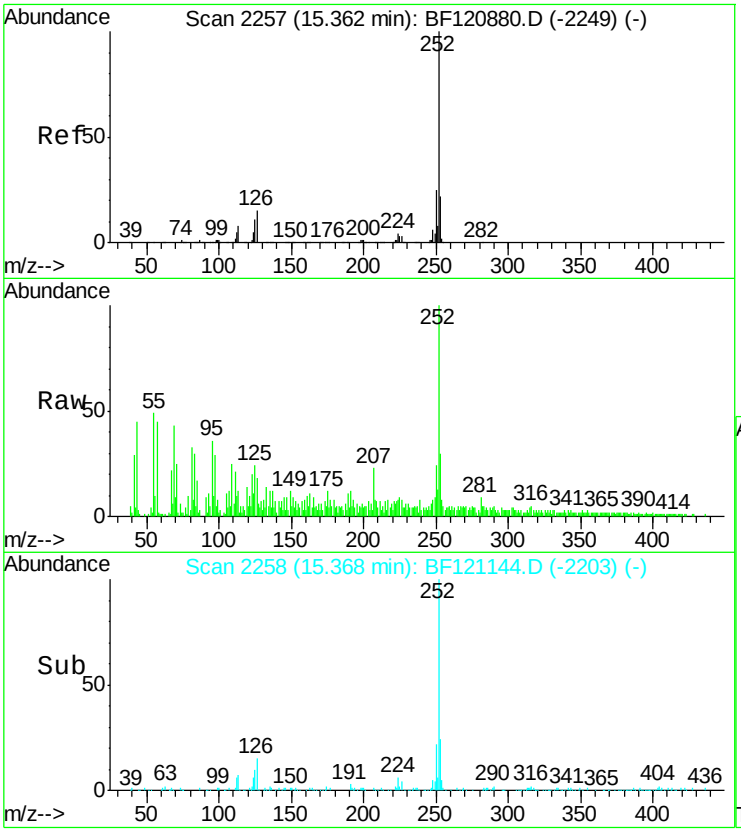


#89
Benzo(k)fluoranthene
Concen: 4.905 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Tgt Ion:252 Resp: 78593

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.1	27.1#
125	22.3	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 2.450 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BF121144.D
Acq: 30 Jul 2020 23:24

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-015-A

Tgt Ion:252 Resp: 39269

Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.0	27.0#
125	23.9	9.5	14.3#