Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121219.D
Acq On : 6 Aug 2020 23:44
Operator : JU/CG
Sample : L3573-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-016-A

Quant Time: Aug 07 00:35:00 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	142258	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	543923	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	266587	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	445576	20.00	ng	0.00
76) Chrysene-d12	13.96	240	359371	20.00	ng	0.00
86) Perylene-d12	15.42	264	324762	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	347911	40.09	ng	0.00
7) Phenol-d6	6.43	99	416162	37.13	ng	-0.02
23) Nitrobenzene-d5	7.36	82	268355	28.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	103257	35.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	518907	29.06	ng	0.00
79) Terphenyl-d14	12.90	244	414748	25.09	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	122	Below Cal	#	42
19) n-Nitroso-di-n-propylamine	7.36	70	34127	5.354	ng	# 77
25) Isophorone	7.36	82	258770	13.793	ng	# 62
50) Dimethylphthalate	9.55	163	75999	3.952	ng	98
57) 2,4-Dinitrotoluene	9.83	165	35116	6.472	ng	# 29
75) Fluoranthene	12.53	202	130384	5.133	ng	98
78) Pyrene	12.76	202	132566	5.218	ng	99
81) Benzo(a)anthracene	13.95	228	86973	3.997	ng	96
83) Chrysene	13.95	228	86973	3.803	ng	95
88) Benzo(b)fluoranthene	15.00	252	156055	7.950	ng	# 92
89) Benzo(k)fluoranthene	15.00	252	156055	8.717	ng	# 92
90) Benzo(a)pyrene	15.36	252	83022	4.635	ng	# 92
92) Benzo(g,h,i)perylene	17.29	276	42496	2.336	ng	# 91

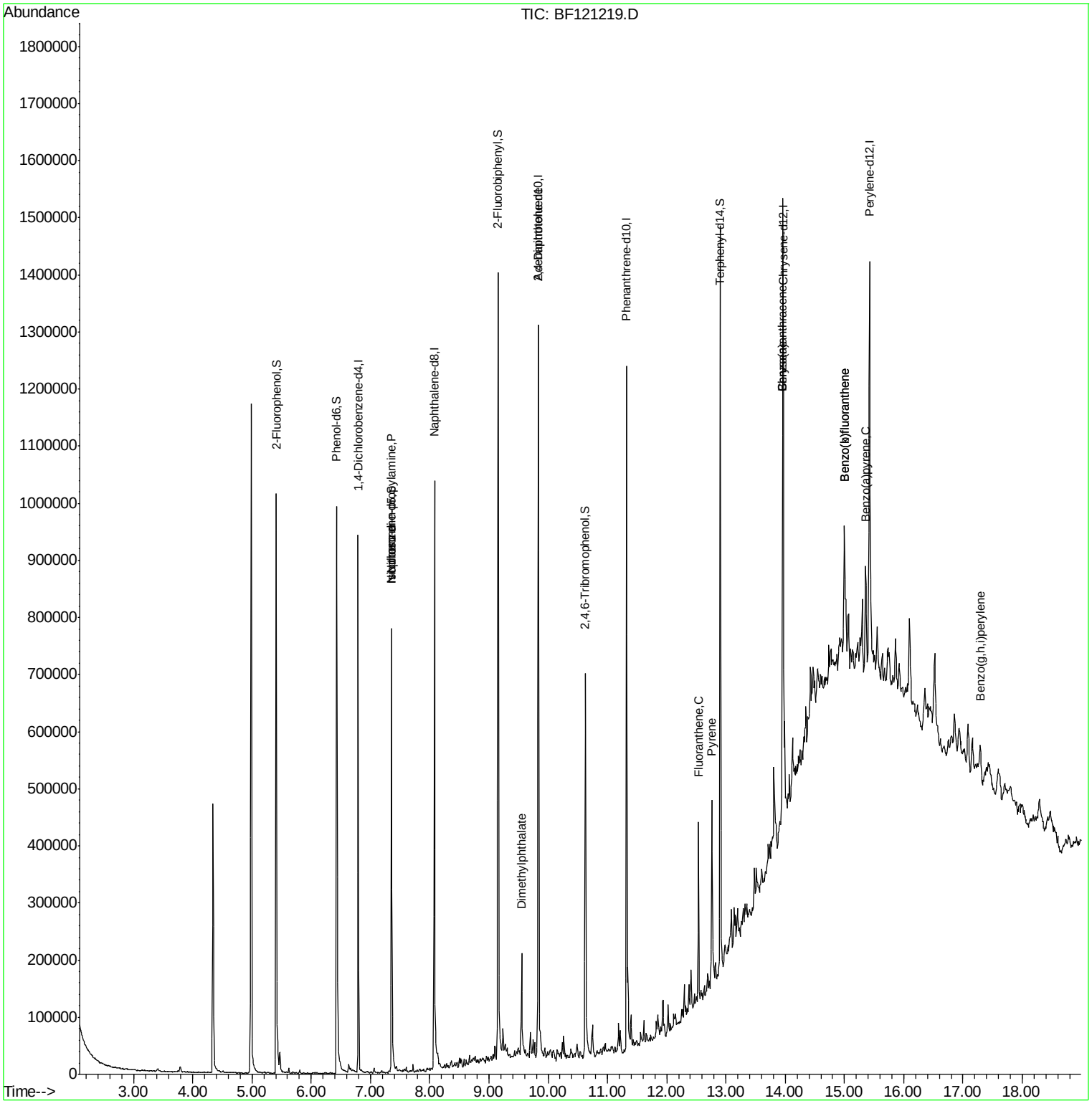
(#) = qualifier out of range (m) = manual integration (+) = signals summed

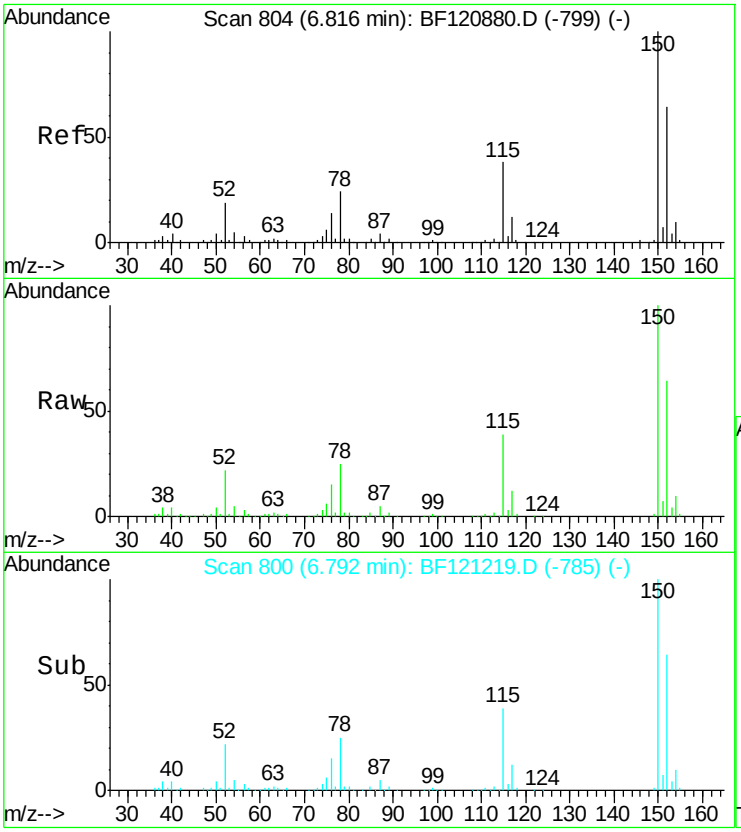
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121219.D
Acq On : 6 Aug 2020 23:44
Operator : JU/CG
Sample : L3573-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Quant Time: Aug 07 00:35:00 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



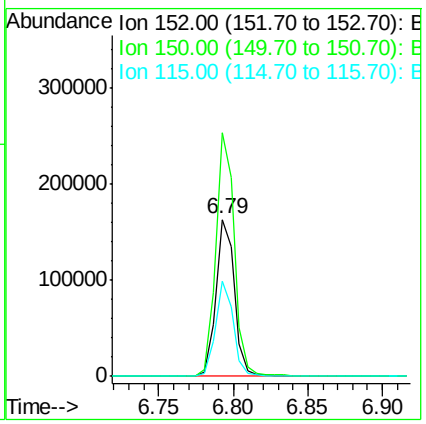


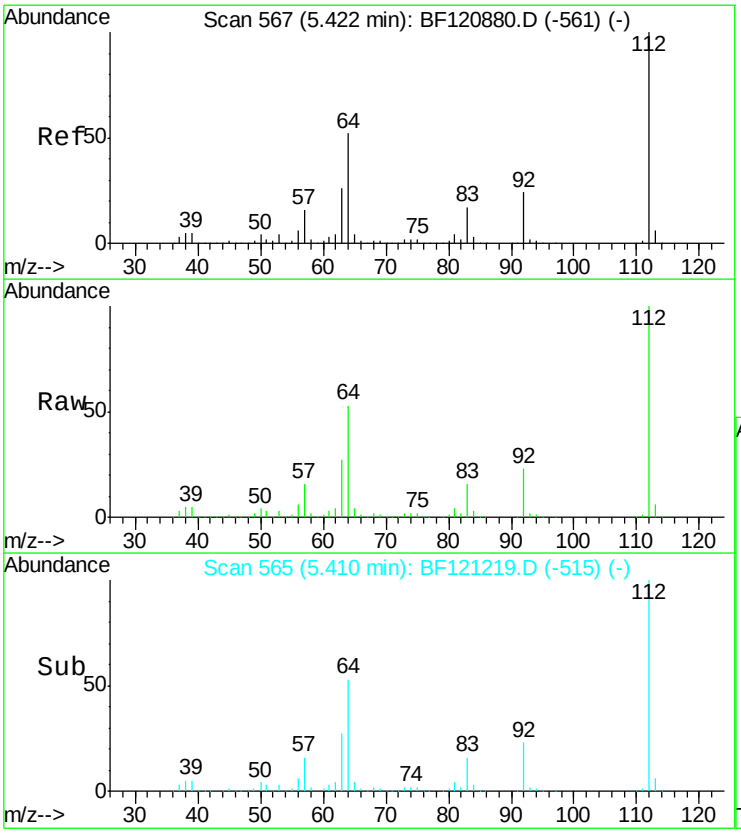
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:152 Resp: 142258

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.6	188.4
115	61.0	46.2	69.2

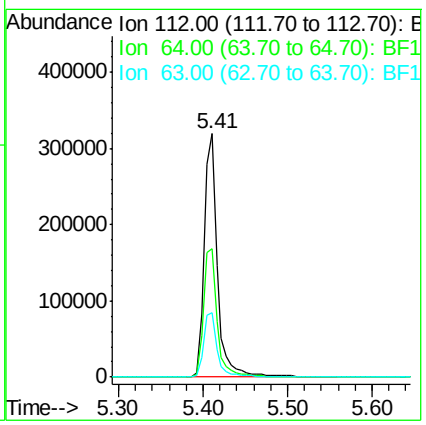


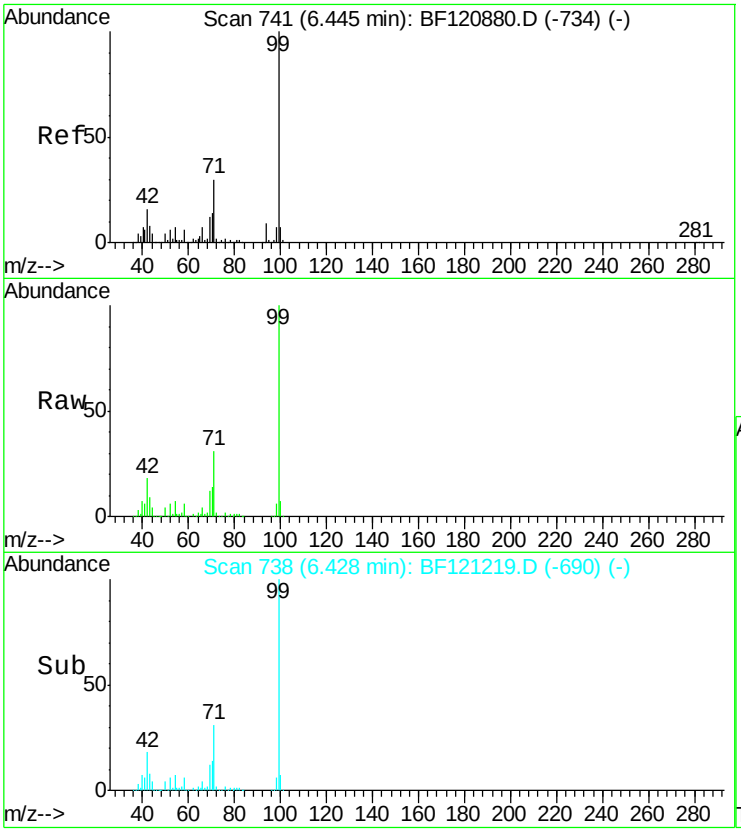


#5
2-Fluorophenol
Concen: 40.093 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:112 Resp: 347911

Ion	Ratio	Lower	Upper
112	100		
64	52.5	43.9	65.9
63	26.6	22.7	34.1



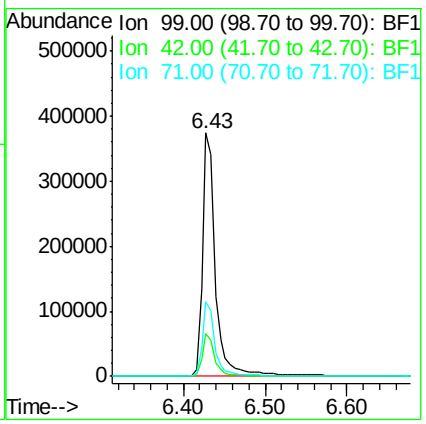


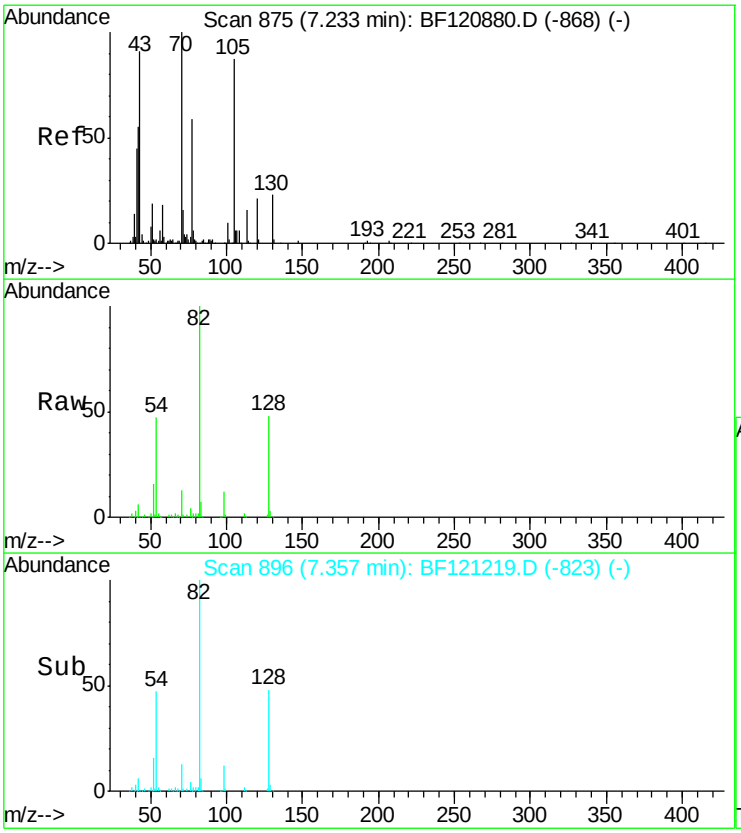
#7
Phenol-d6
Concen: 37.126 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion: 99 Resp: 416162

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	30.8	25.0	37.4

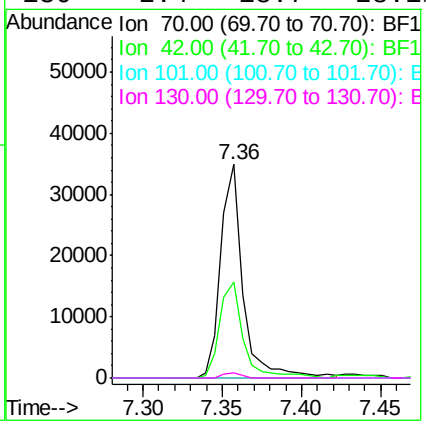


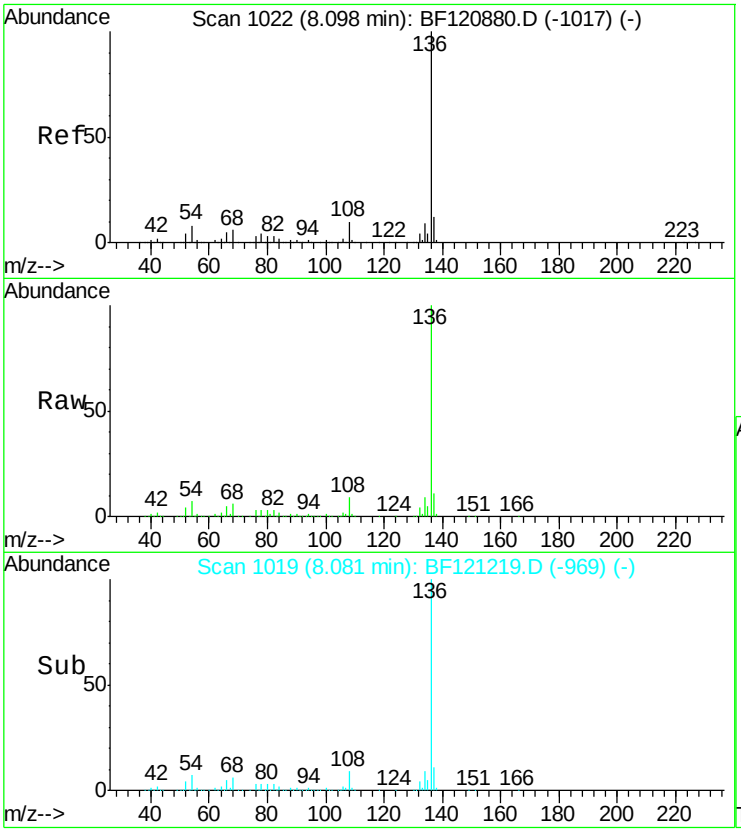


#19
n-Nitroso-di-n-propylamine
Concen: 5.354 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.13 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion: 70 Resp: 34127

Ion	Ratio	Lower	Upper
70	100		
42	45.0	43.3	64.9
101	0.0	8.4	12.6#
130	2.4	18.7	28.1#



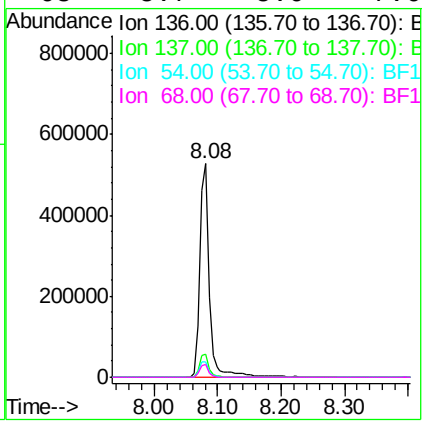


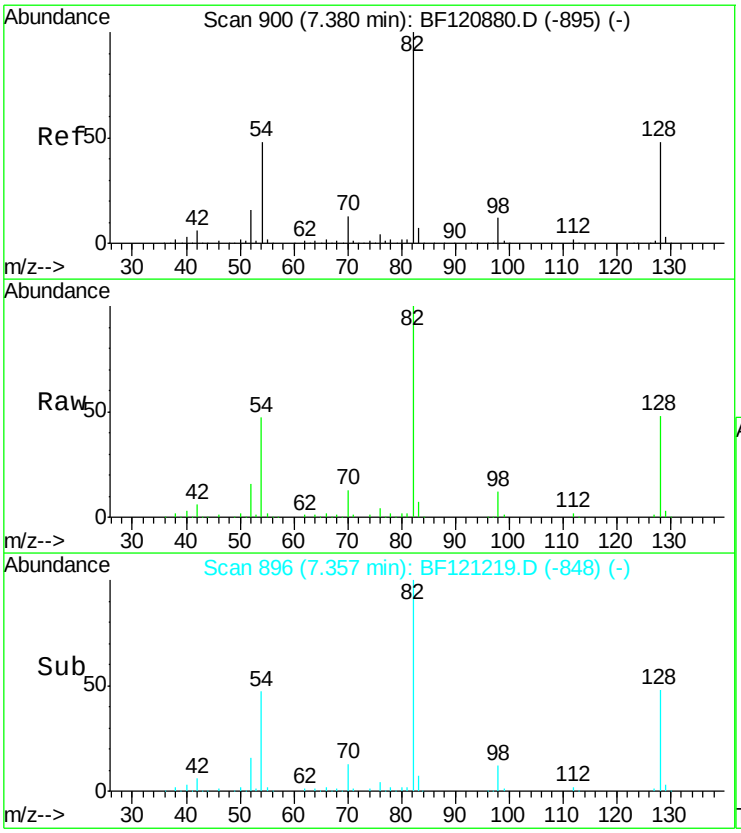
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:136 Resp: 543923

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.0	6.1	9.1
68	5.7	5.0	7.6

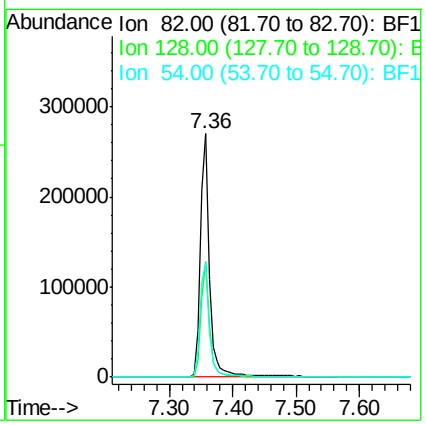


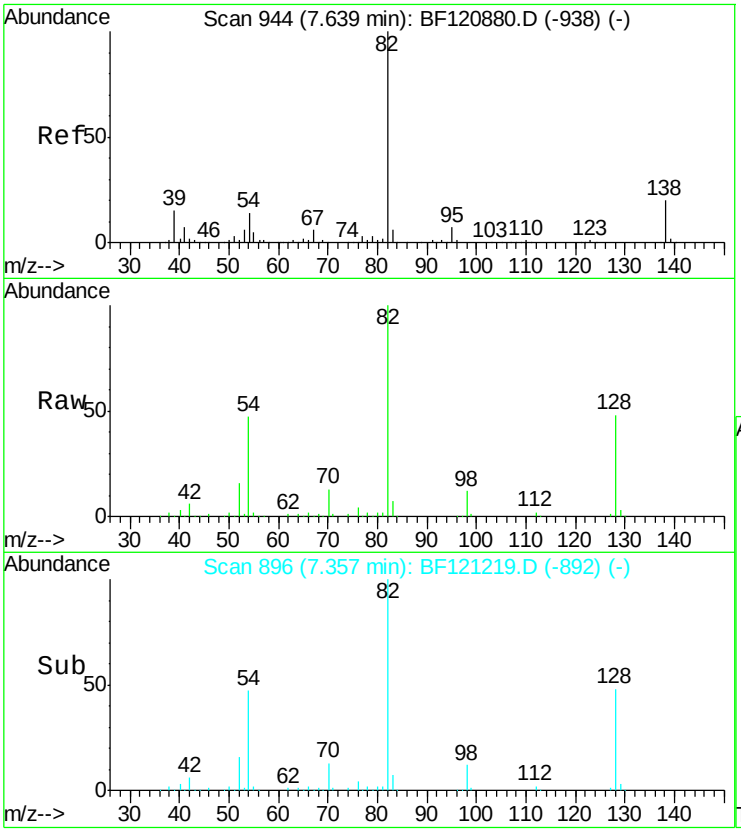


#23
Nitrobenzene-d5
Concen: 28.548 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion: 82 Resp: 268355

Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.2	58.8
54	47.2	37.8	56.8



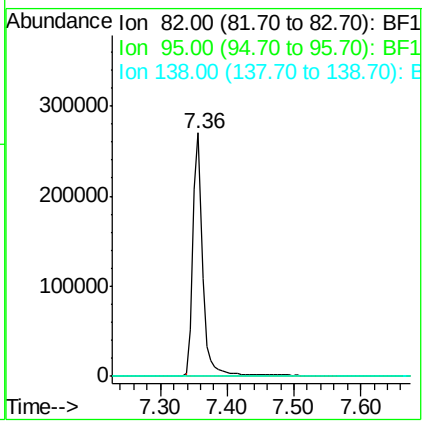


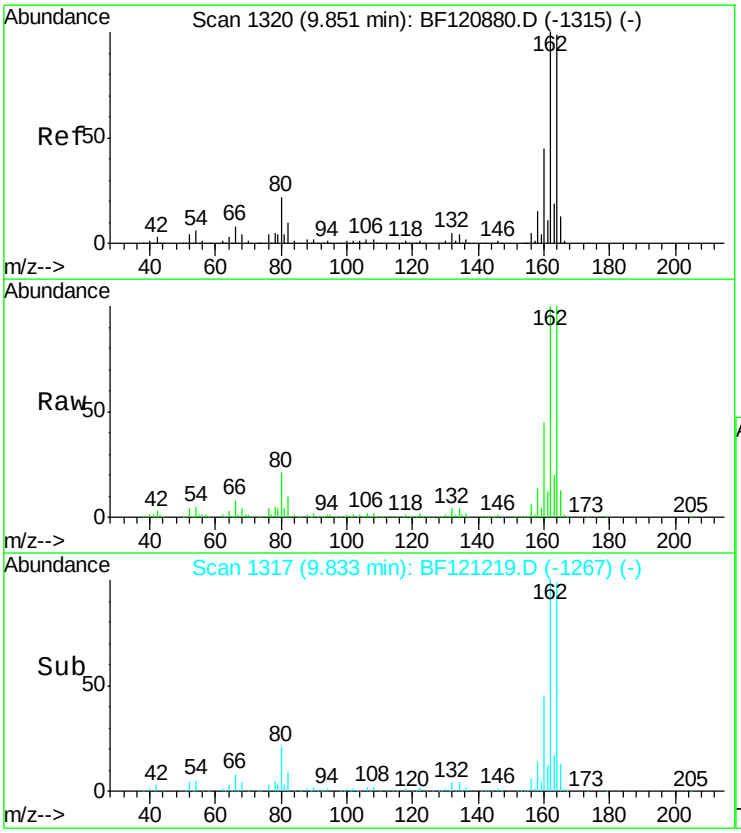
#25
Isophorone
Concen: 13.793 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion: 82 Resp: 258770

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

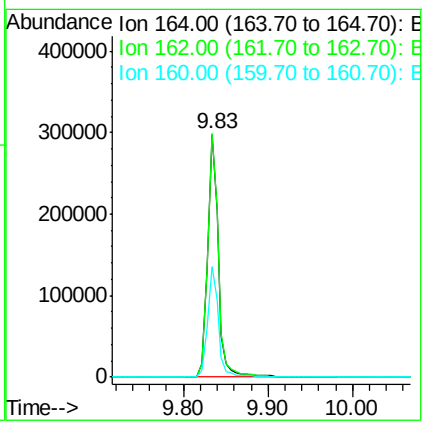


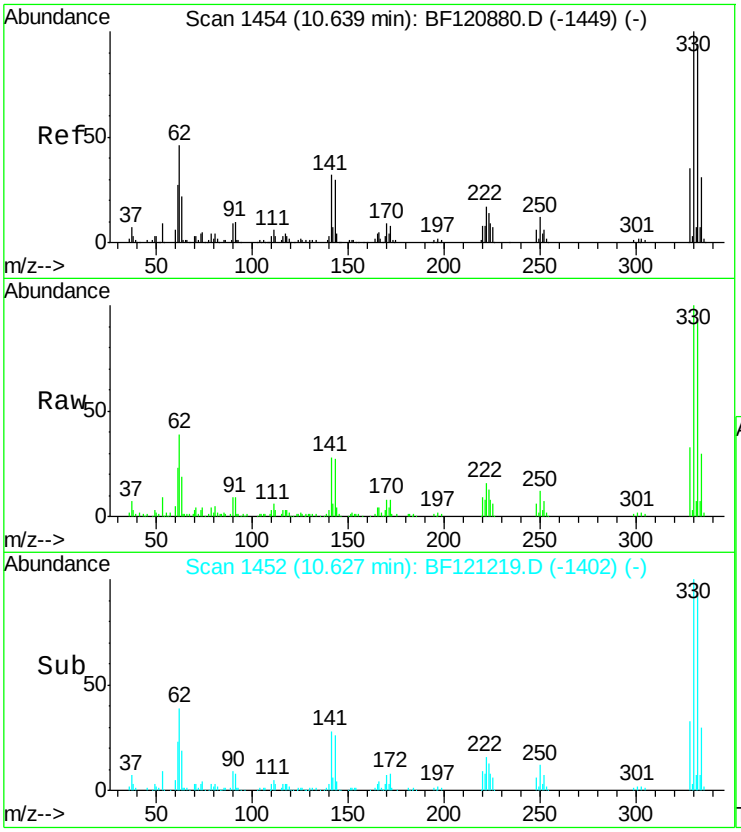


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:164 Resp: 266587

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.3	37.2	55.8



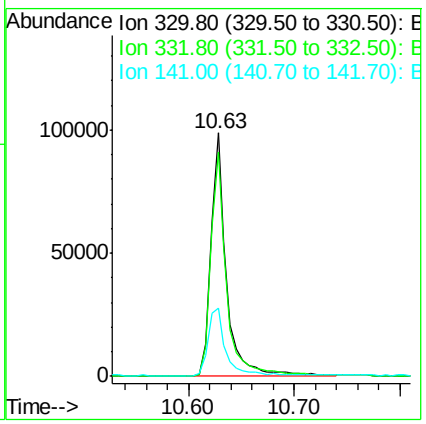


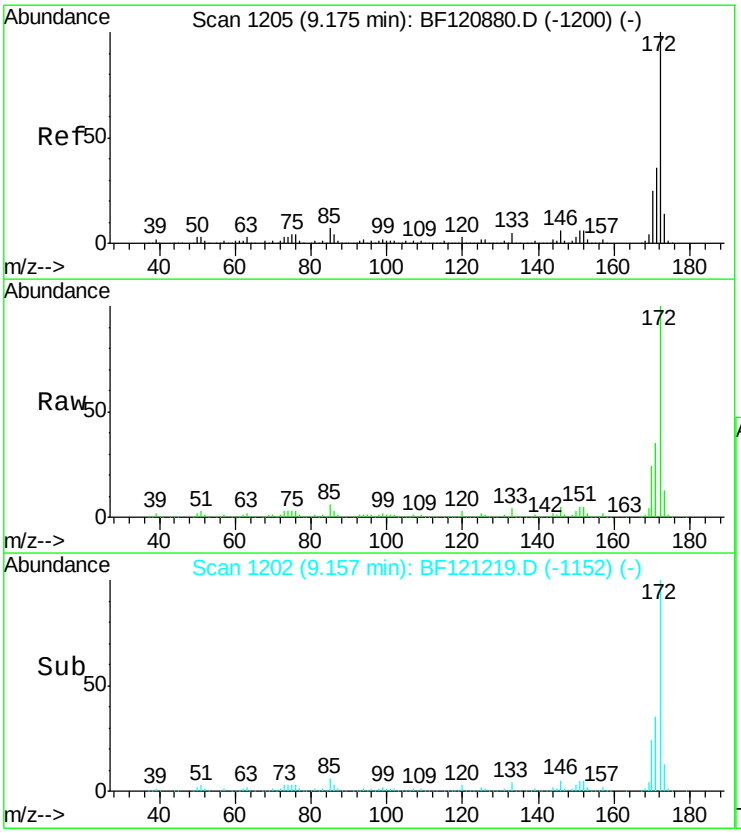
#42
2,4,6-Tribromophenol
Concen: 35.386 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:330 Resp: 103257

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.1	114.1
141	31.1	24.1	36.1

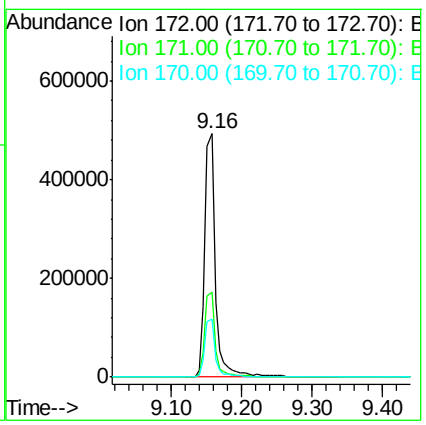


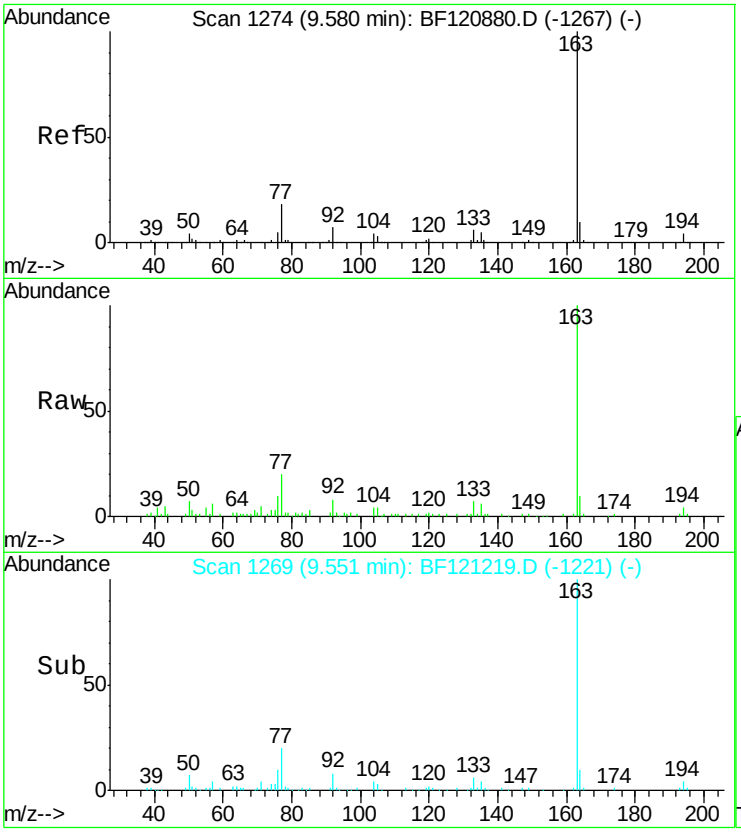


#45
2-Fluorobiphenyl
Concen: 29.062 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:172 Resp: 518907

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	23.6	19.6	29.4



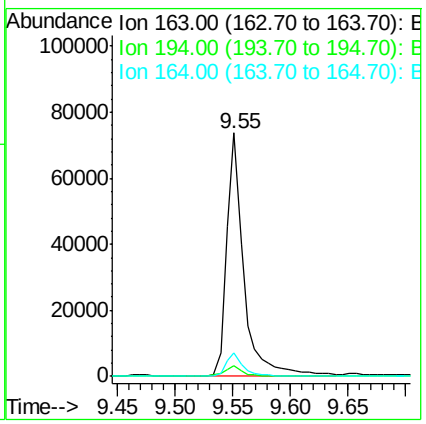


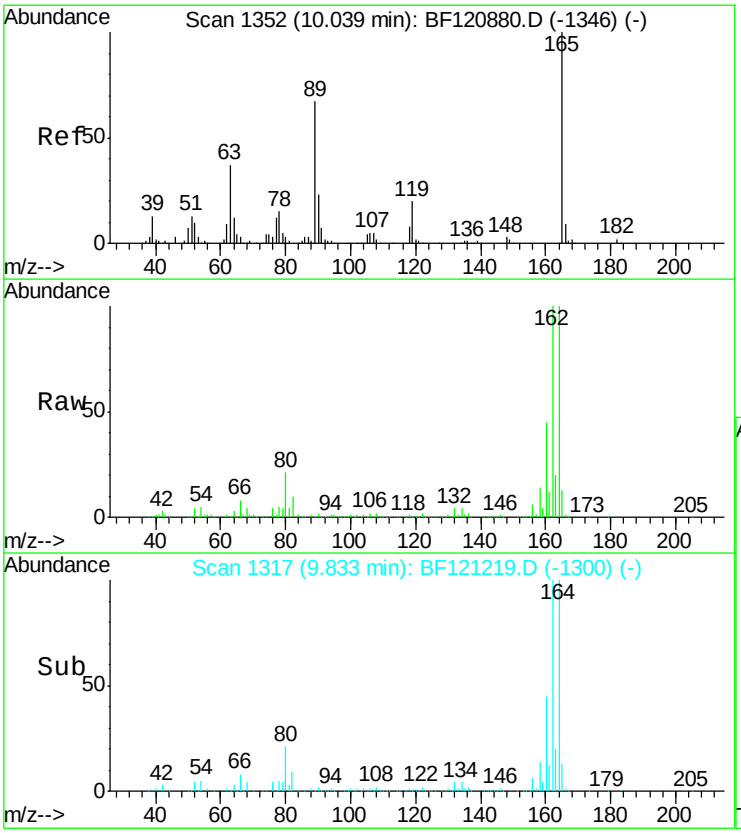
#50
Dimethylphthalate
Concen: 3.952 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:163 Resp: 75999

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	9.6	8.4	12.6

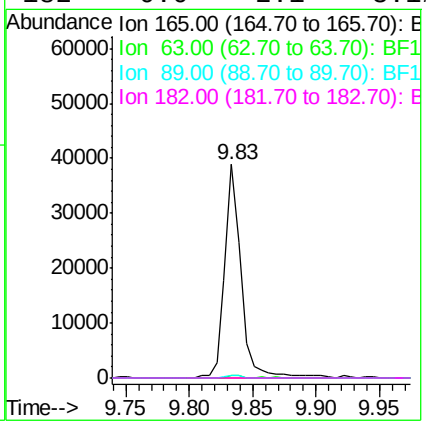


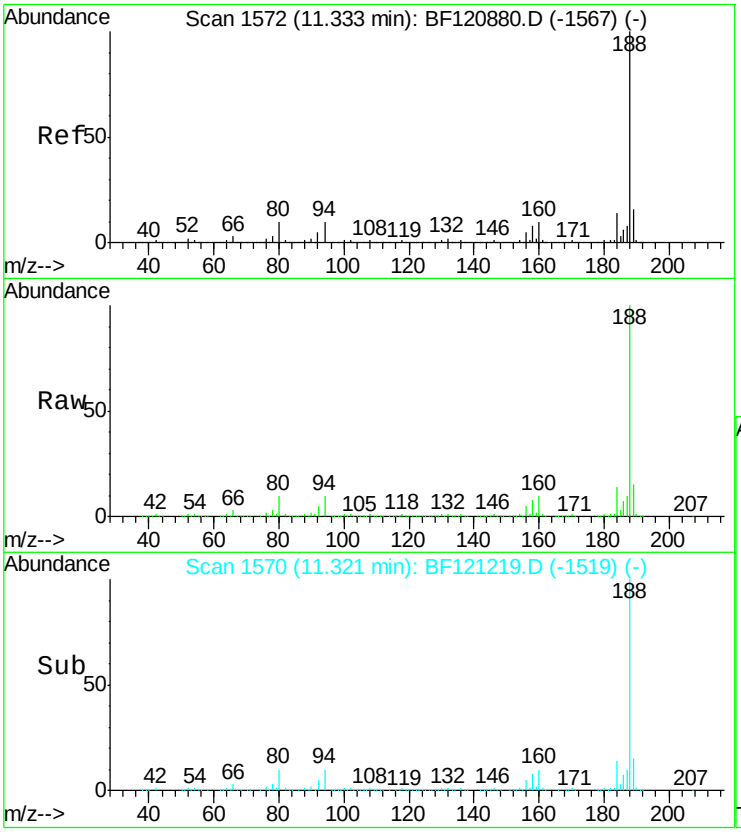


#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:165 Resp: 35116

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.3	50.3	75.5#
182	0.0	2.1	3.1#



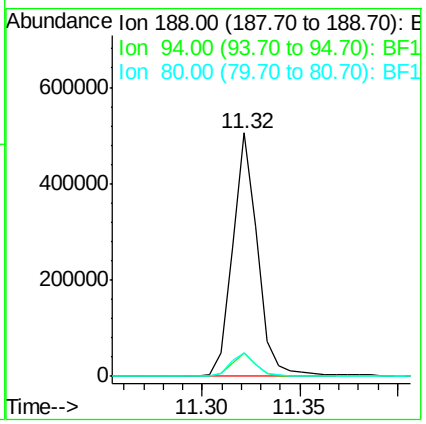


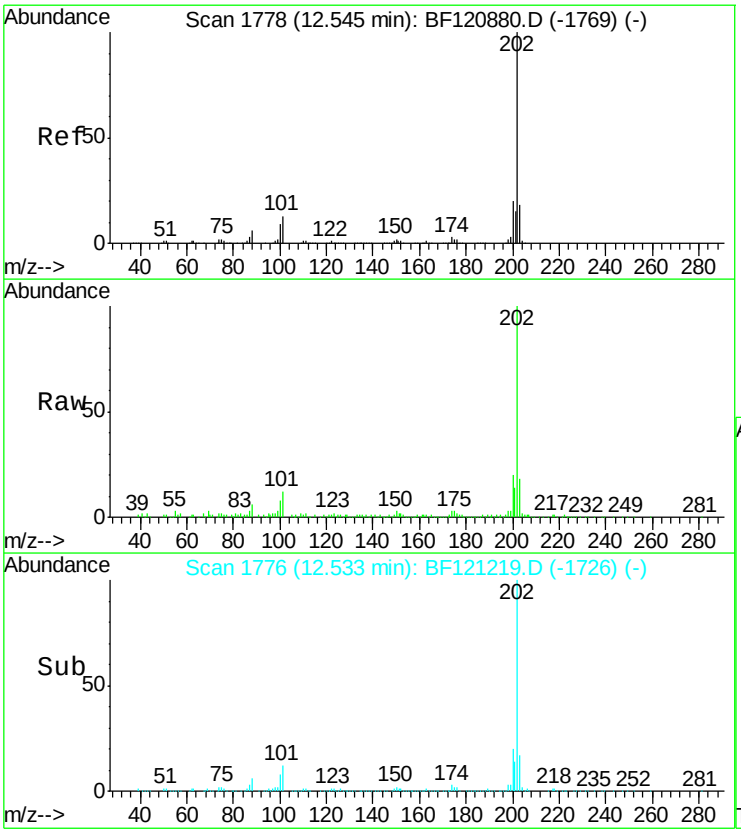
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:188 Resp: 445576

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	9.9	8.3	12.5

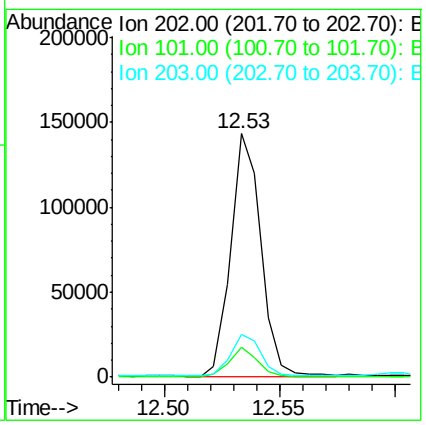


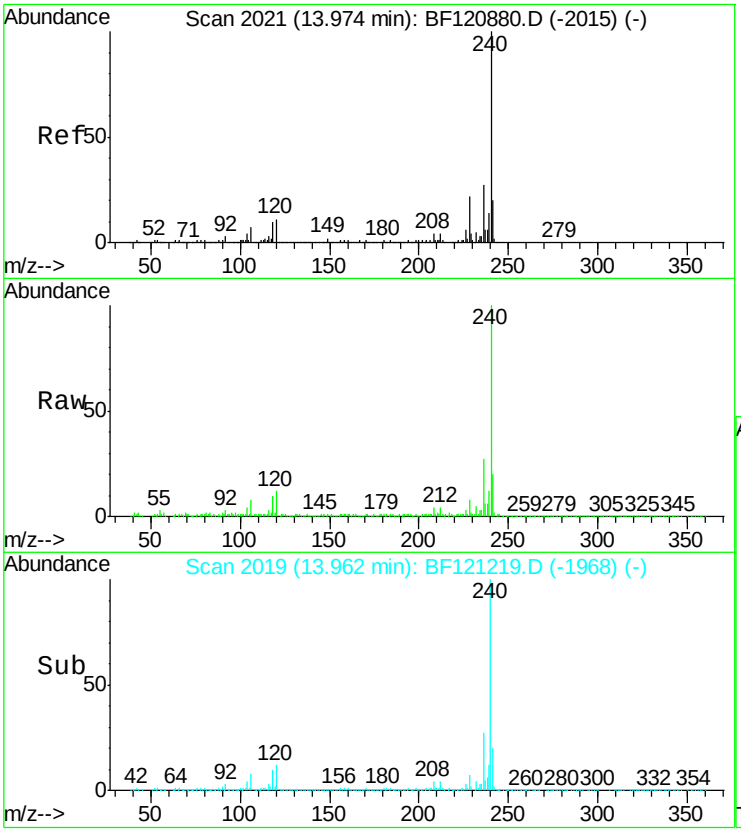


#75
Fluoranthene
Concen: 5.133 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:202 Resp: 130384

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.5
203	17.5	0.0	37.7



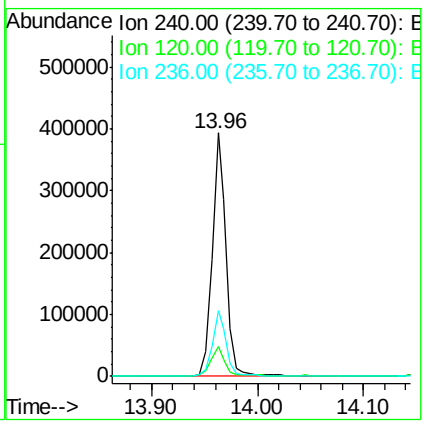


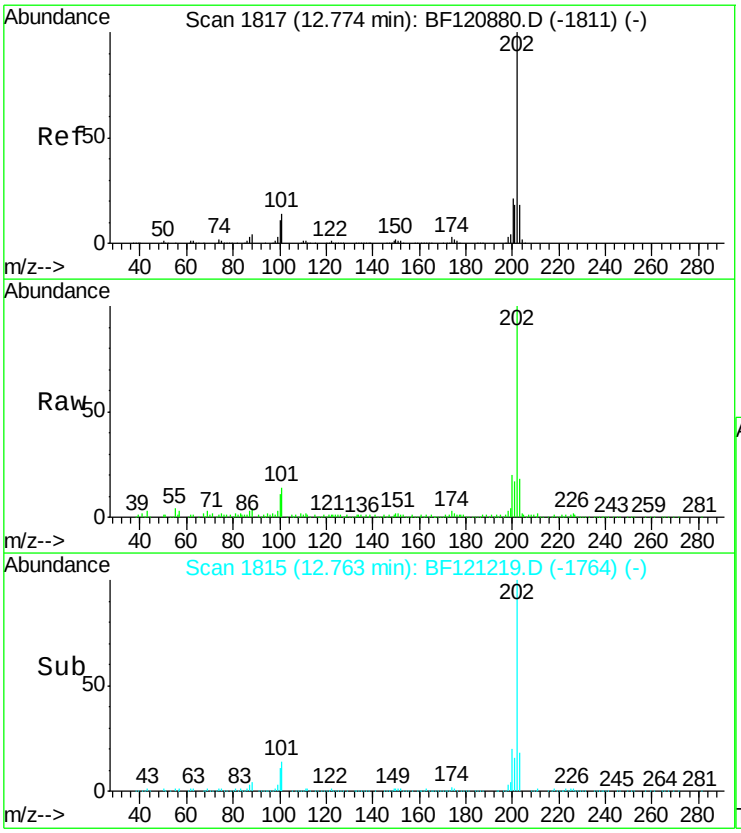
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:240 Resp: 359371

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.3	13.9
236	27.1	21.1	31.7

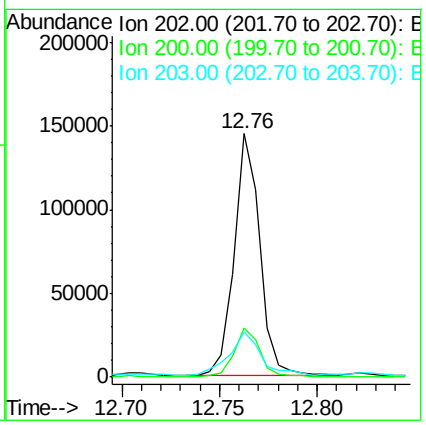


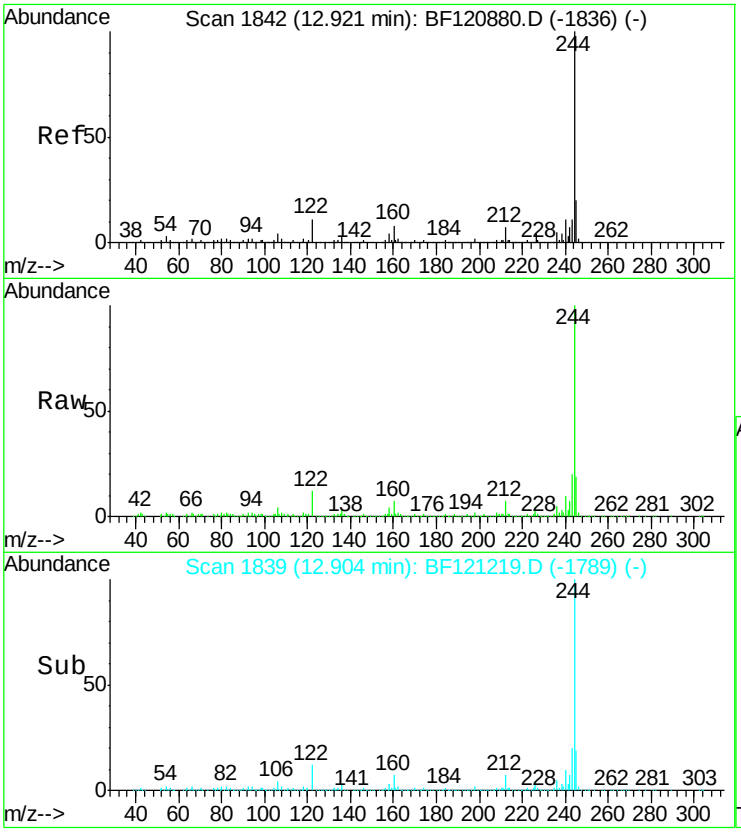


#78
Pyrene
Concen: 5.218 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:202 Resp: 132566

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	18.5	14.6	21.8



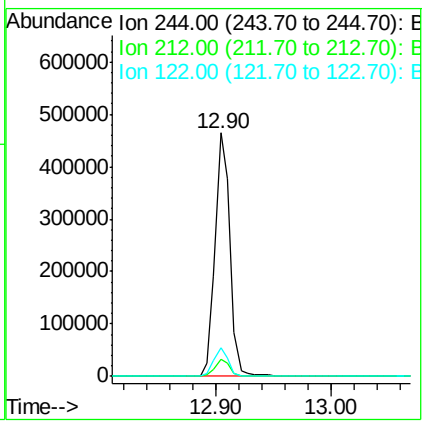


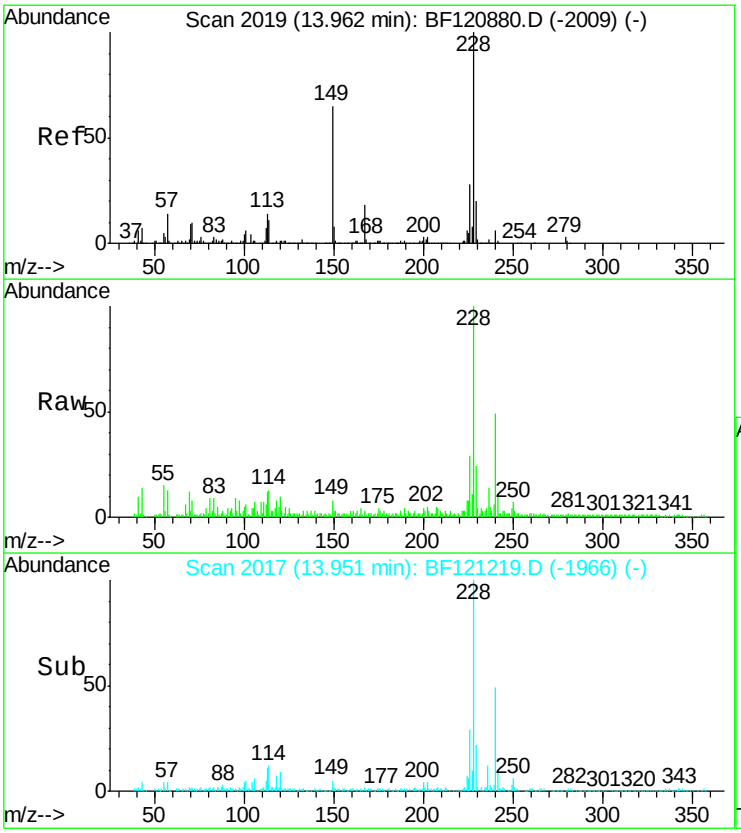
#79
Terphenyl-d14
Concen: 25.088 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:244 Resp: 414748

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.8	8.3	12.5

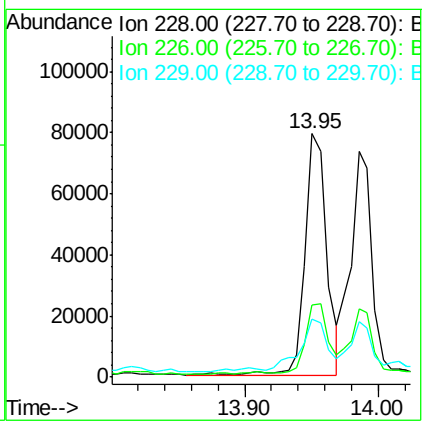


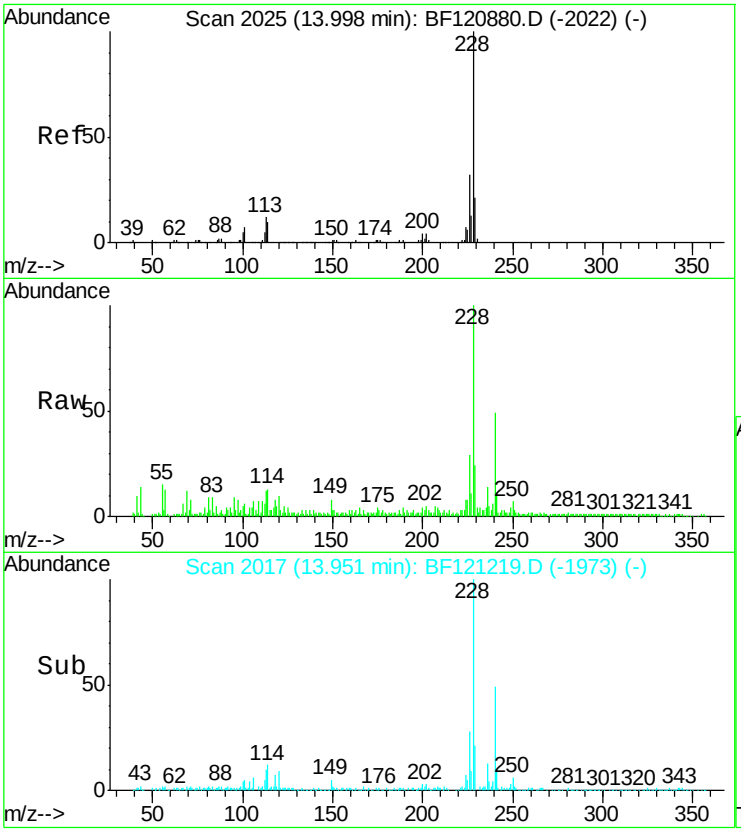


#81
Benzo(a)anthracene
Concen: 3.997 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:228 Resp: 86973

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	23.6	16.1	24.1



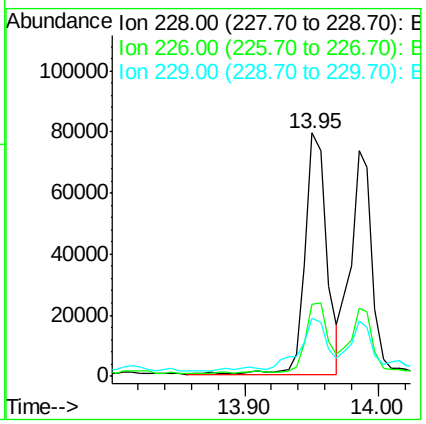


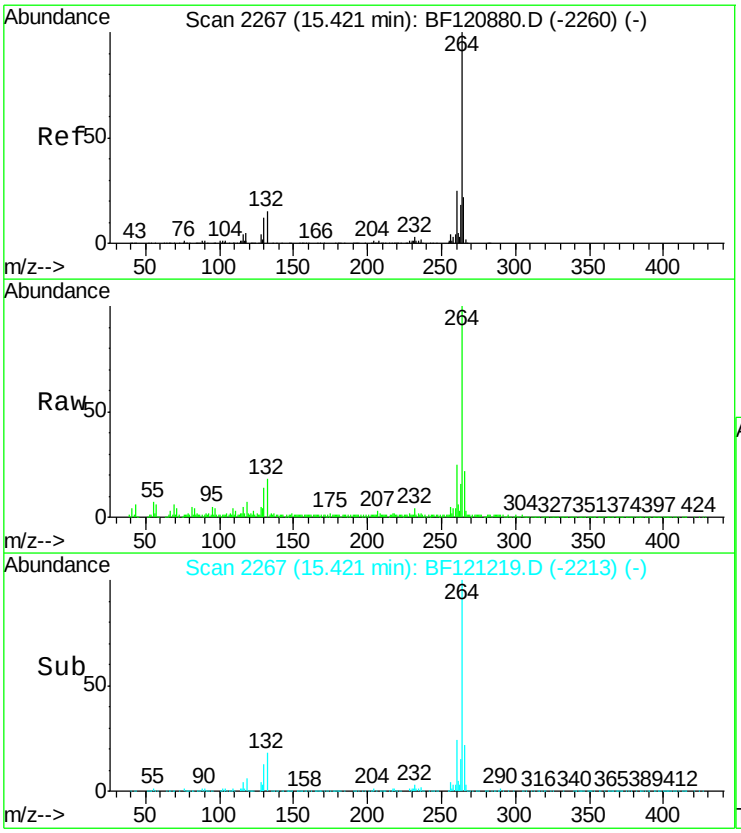
#83
Chrysene
Concen: 3.803 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.04 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:228 Resp: 86973

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	23.6	16.2	24.4

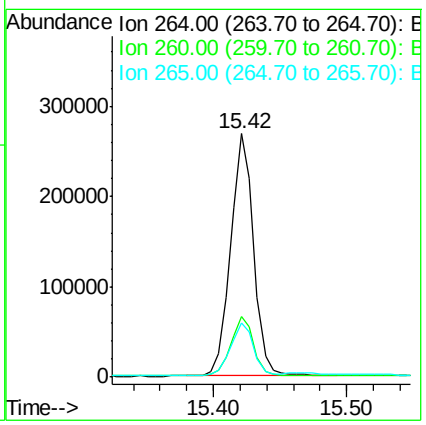


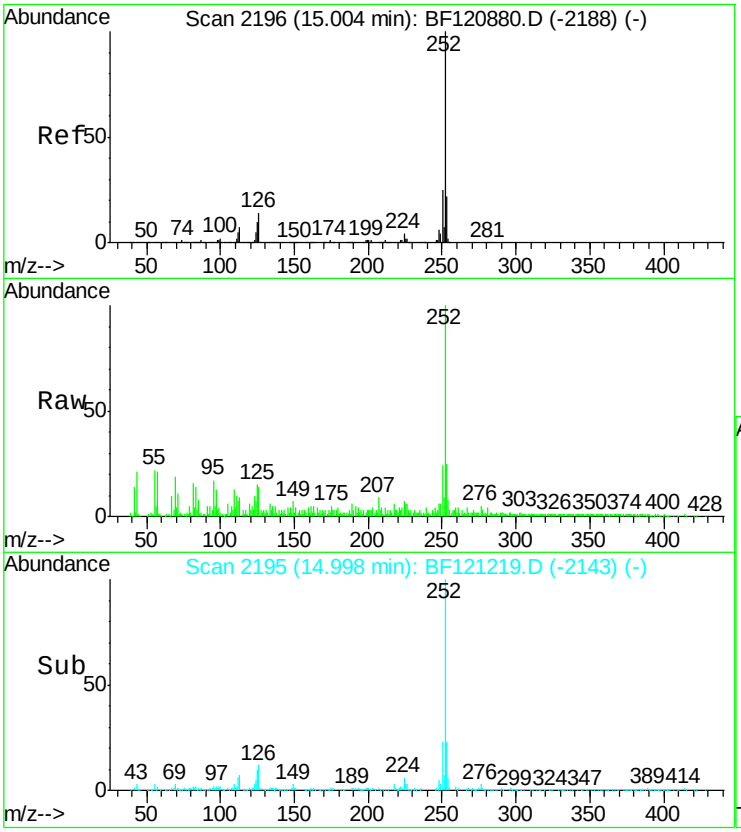


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:264 Resp: 324762

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.4	17.8	26.8



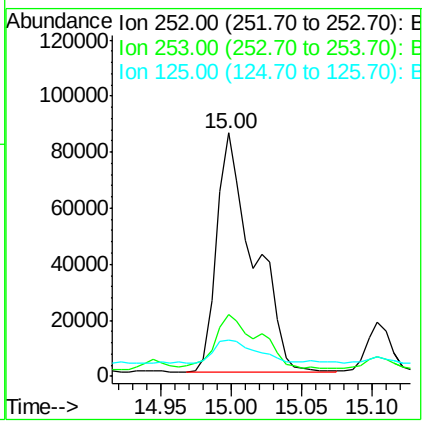


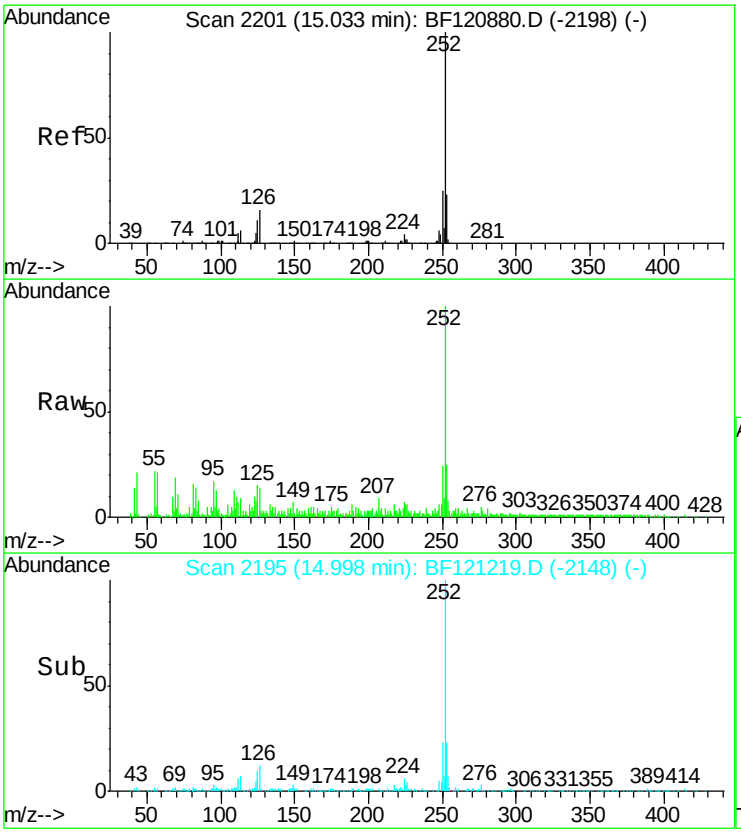
#88
Benzo(b)fluoranthene
Concen: 7.950 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:252 Resp: 156055

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	14.8	8.1	12.1#

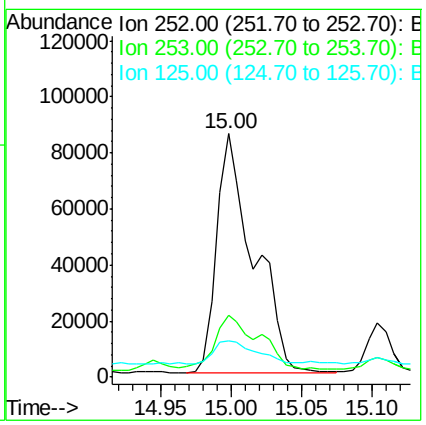


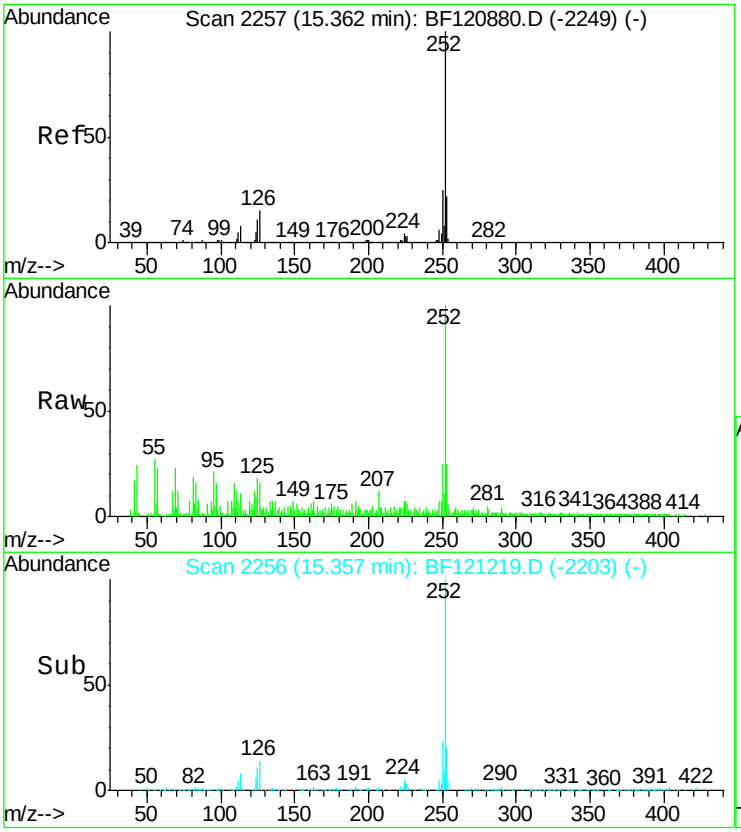


#89
Benzo(k)fluoranthene
Concen: 8.717 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:252 Resp: 156055

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	14.8	8.0	12.0#



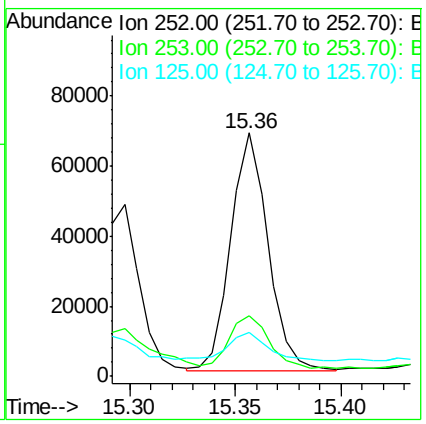


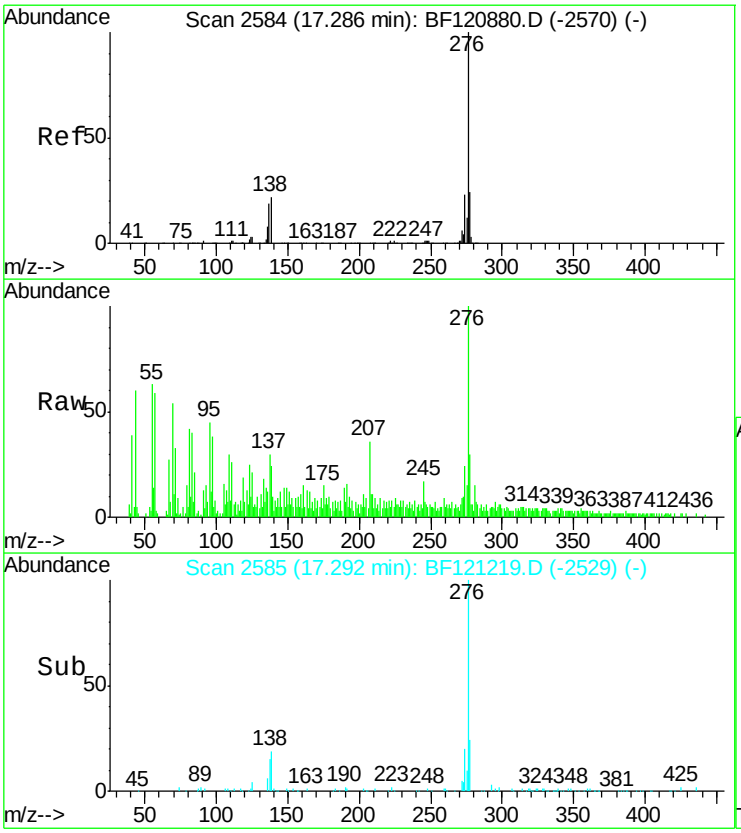
#90
Benzo(a)pyrene
Concen: 4.635 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tgt Ion:252 Resp: 83022

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	18.0	9.5	14.3#





#92
Benzo(g,h,i)perylene
Concen: 2.336 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:276 Resp: 42496

Ion	Ratio	Lower	Upper
276	100		
277	29.8	19.4	29.0#
138	24.3	17.2	25.8