Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118819.D
Acq On : 4 Feb 2020 23:30
Operator : CG/JU
Sample : L1383-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	274258	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1027453	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	543278	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	901482	20.00	ng		0.00
76) Chrysene-d12	13.96	240	616203	20.00	ng		-0.02
87) Perylene-d12	15.41	264	756955	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	312054	21.54	ng		-0.01
7) Phenol-d6	6.43	99	387392	21.54	ng		-0.02
23) Nitrobenzene-d5	7.37	82	234662	13.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	113144	17.41	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	459582	15.12	ng		-0.01
79) Terphenyl-d14	12.91	244	407791	13.59	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	259	Below Cal			85
19) n-Nitroso-di-n-propylamine	7.37	70	31036	2.820	ng	#	74
25) Isophorone	7.37	82	234695	7.576	ng	#	63
51) 2,6-Dinitrotoluene	9.85	165	69828	8.250	ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	69828	6.234	ng	#	34
71) Phenanthrene	11.35	178	161185	3.634	ng		97
75) Fluoranthene	12.54	202	203439	4.201	ng		98
78) Pyrene	12.77	202	317596	7.513	ng		97
81) Benzo(a)anthracene	13.99	228	196654	5.363	ng		97
83) Chrysene	13.99	228	196654	5.344	ng		97
86) Indeno(1,2,3-cd)pyrene	16.83	276	160673	4.345	ng		98
88) Benzo(b)fluoranthene	14.99	252	359300	7.649	ng		98
89) Benzo(k)fluoranthene	14.99	252	359300	8.784	ng	#	98
90) Benzo(a)pyrene	15.34	252	283451	7.051	ng		99
92) Benzo(g,h,i)perylene	17.26	276	168721	4.916	ng		97

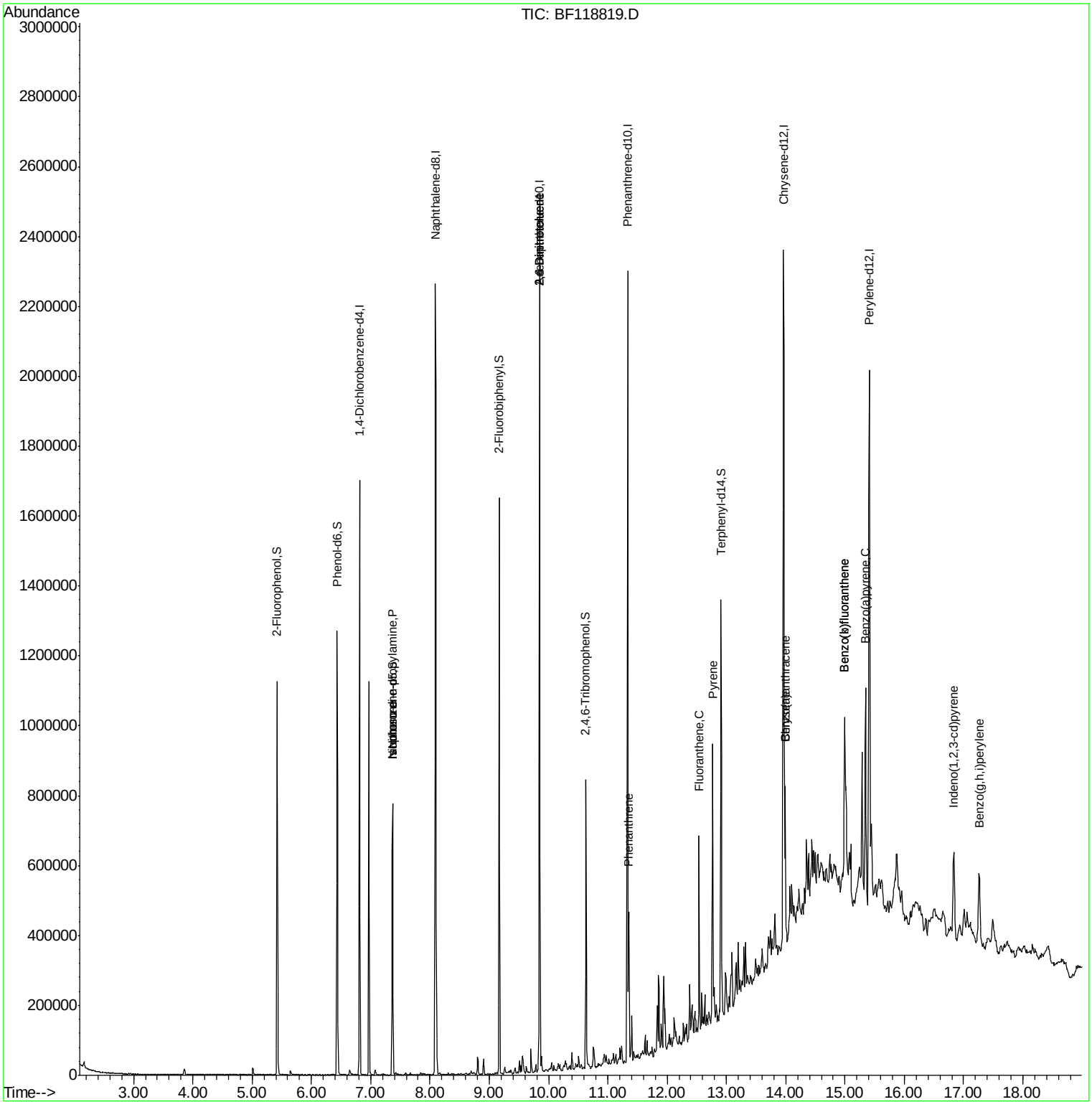
(#) = qualifier out of range (m) = manual integration (+) = signals summed

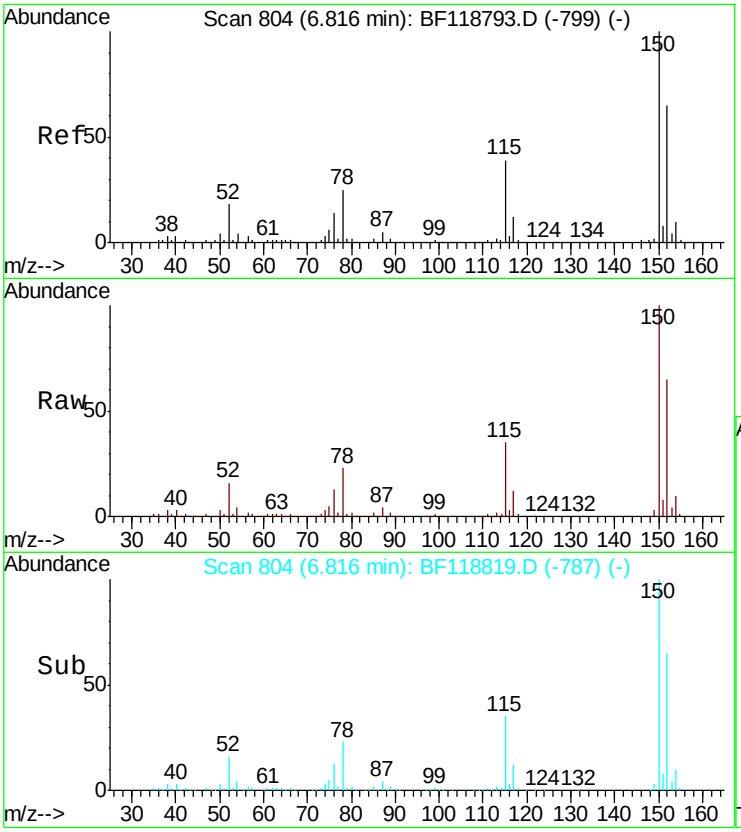
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118819.D
Acq On : 4 Feb 2020 23:30
Operator : CG/JU
Sample : L1383-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



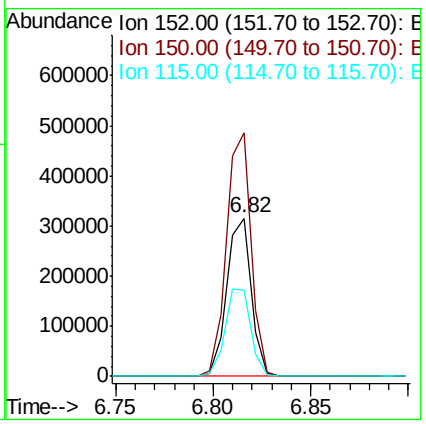


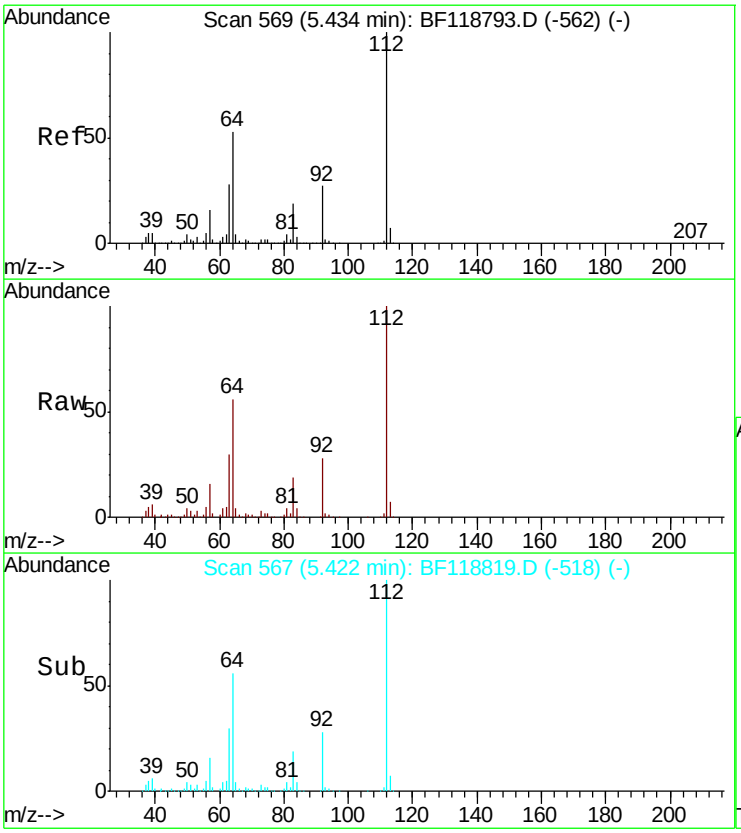
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 274258

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.6	185.4
115	54.7	48.2	72.2

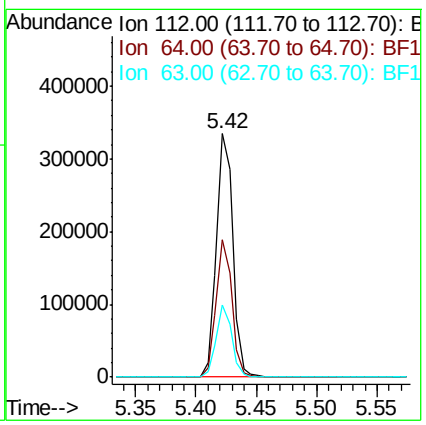


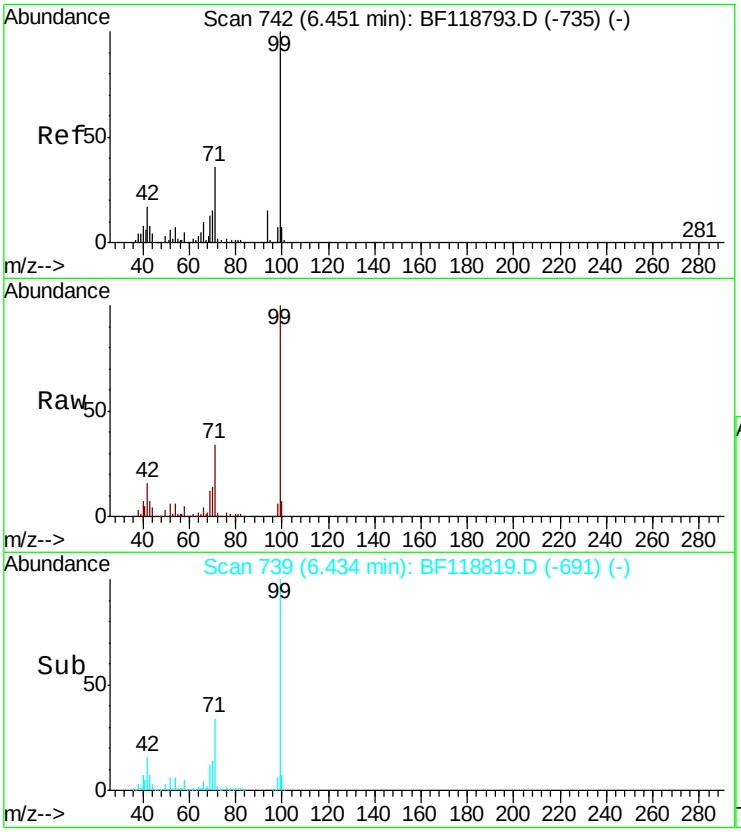


#5
2-Fluorophenol
Concen: 21.538 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:112 Resp: 312054

Ion	Ratio	Lower	Upper
112	100		
64	56.2	42.6	63.8
63	29.5	22.2	33.4



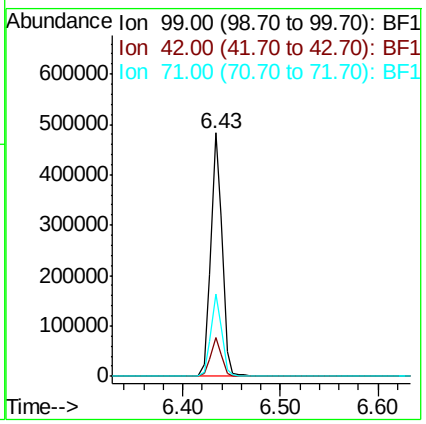


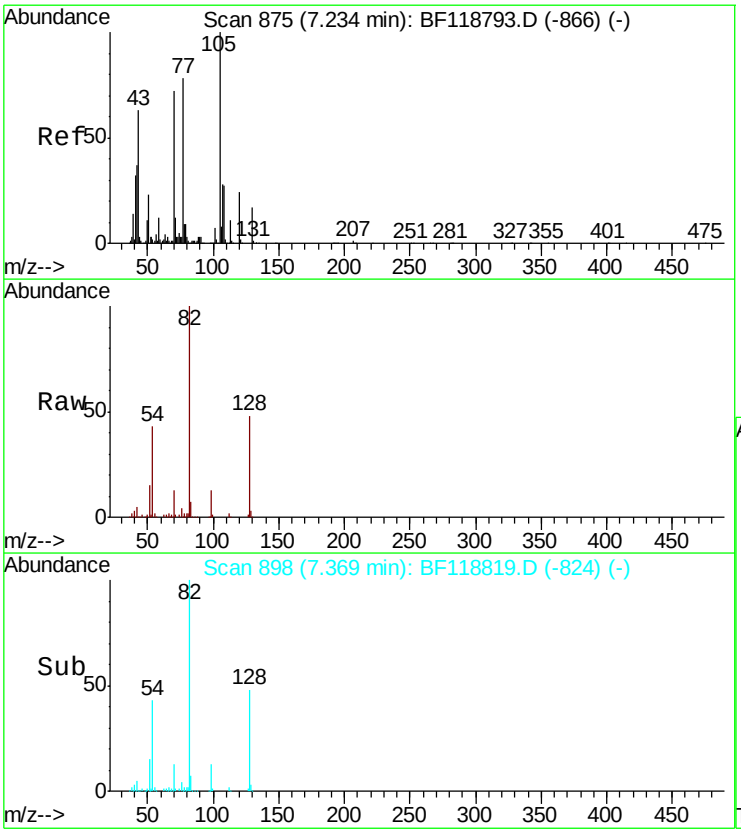
#7
Phenol-d6
Concen: 21.539 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 387392

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.0
71	34.1	29.0	43.6

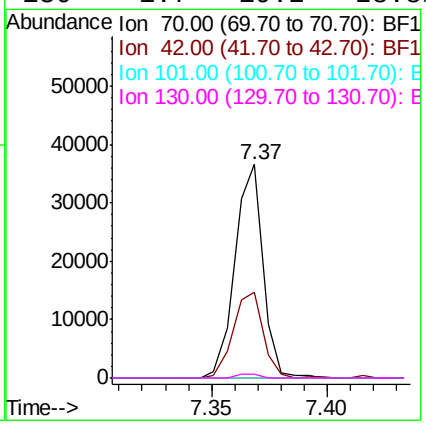


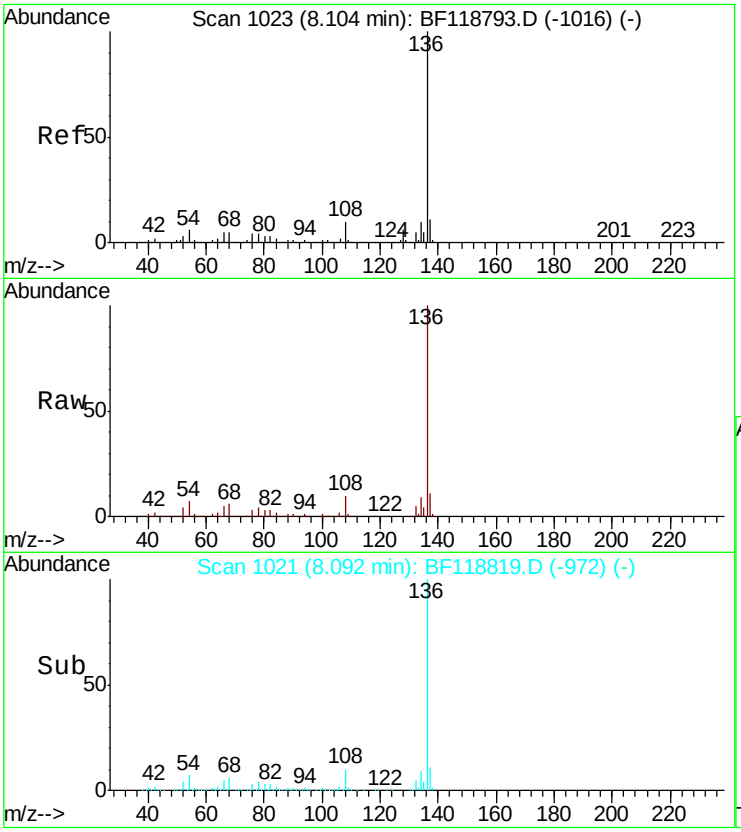


#19
n-Nitroso-di-n-propylamine
Concen: 2.820 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion: 70 Resp: 31036

Ion	Ratio	Lower	Upper
70	100		
42	40.3	41.5	62.3#
101	0.0	8.3	12.5#
130	1.7	19.2	28.8#



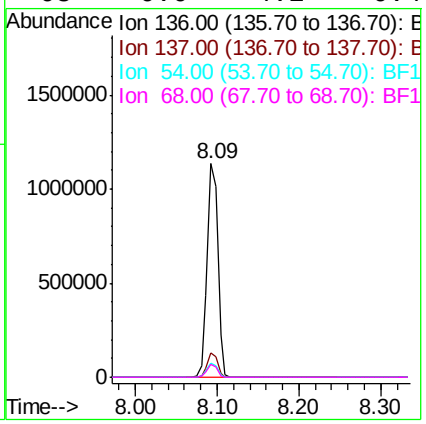


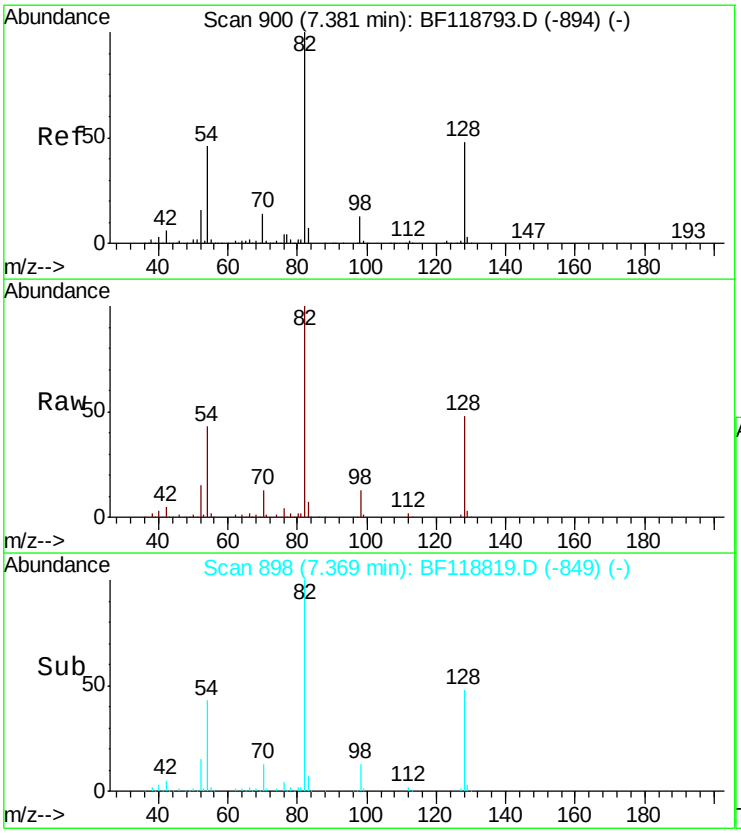
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 1027453

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.9	5.0	7.6
68	6.0	4.2	6.4

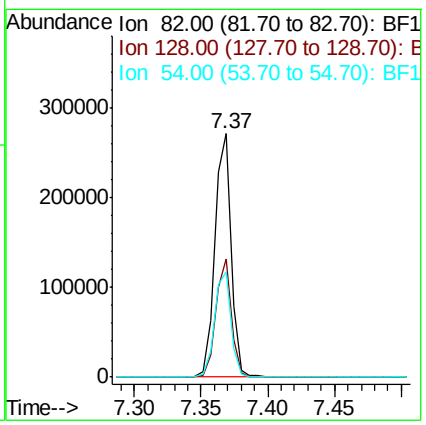


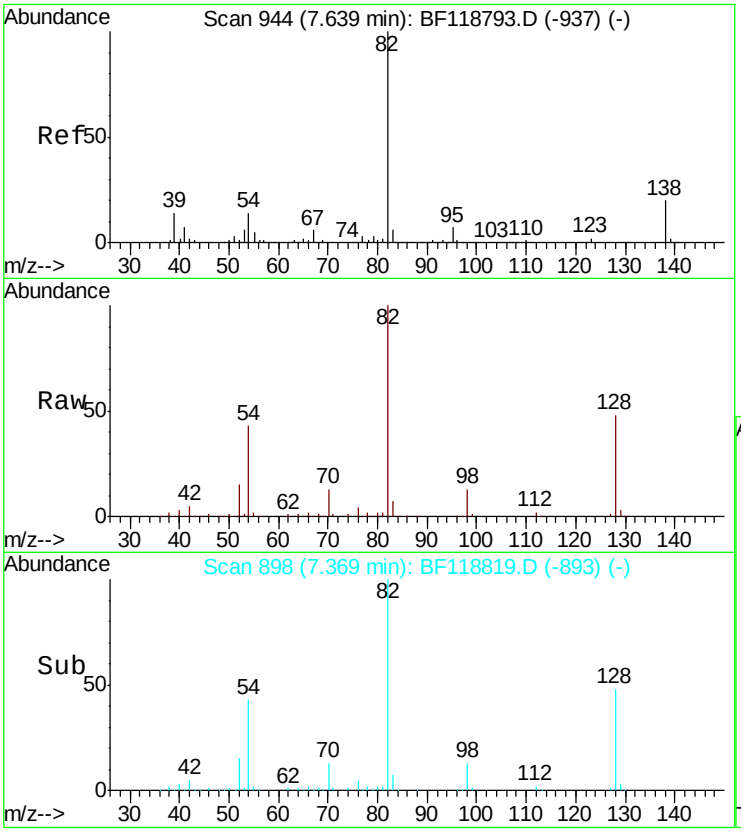


#23
Nitrobenzene-d5
Concen: 13.613 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion: 82 Resp: 234662

Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.5	57.7
54	43.2	36.7	55.1



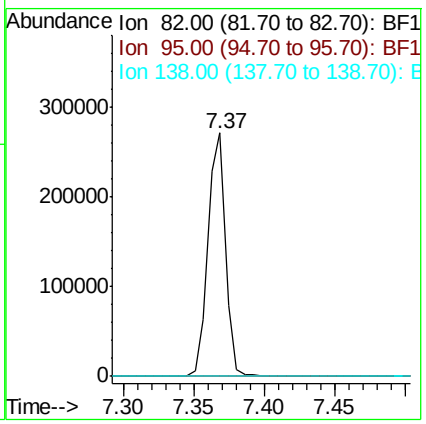


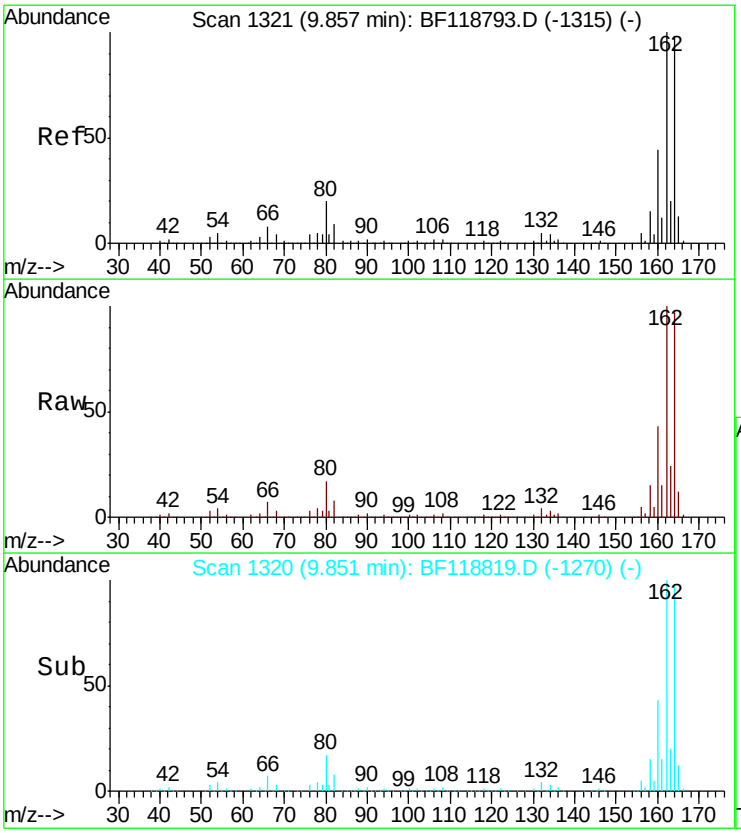
#25
Isophorone
Concen: 7.576 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 234695

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#

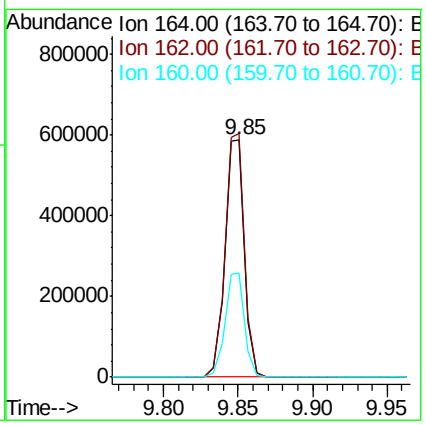


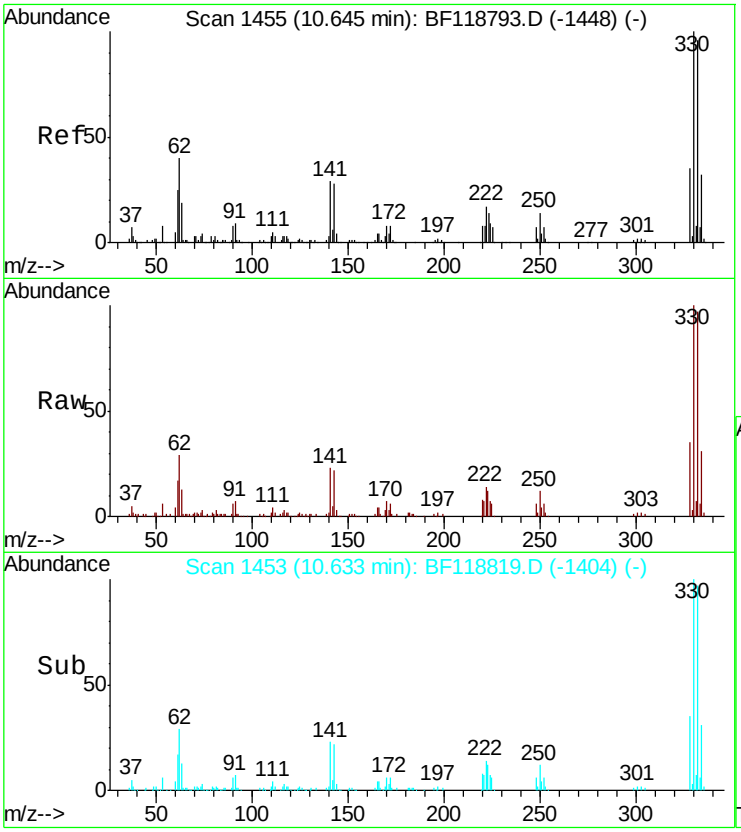


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:164 Resp: 543278

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.4	122.2
160	44.1	35.6	53.4



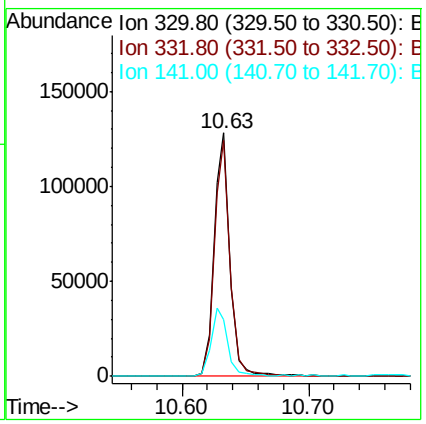


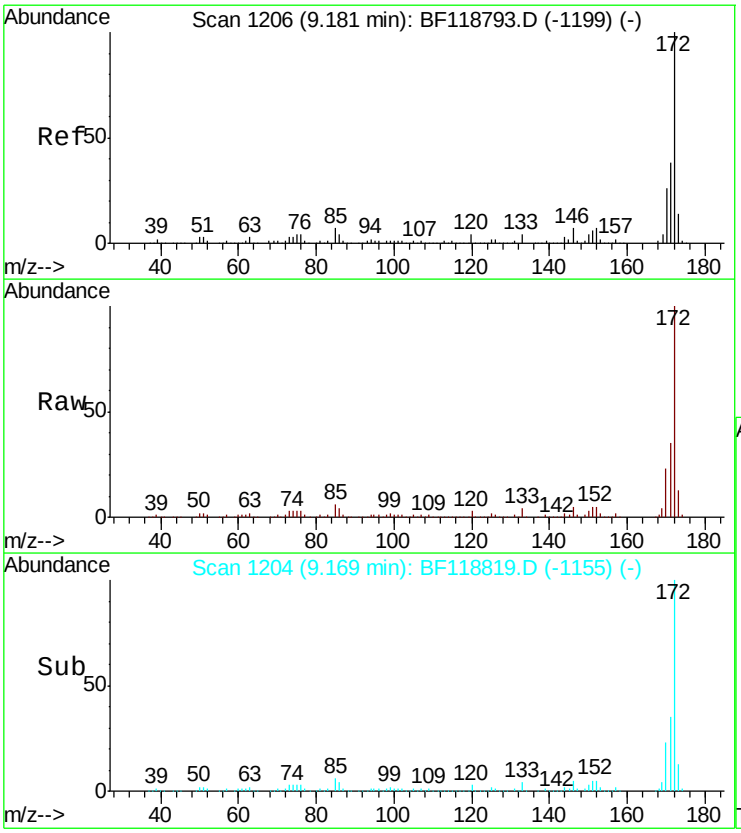
#42
2,4,6-Tribromophenol
Concen: 17.406 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 113144

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	29.4	22.4	33.6

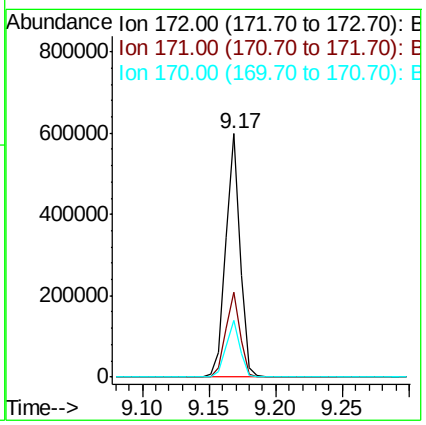


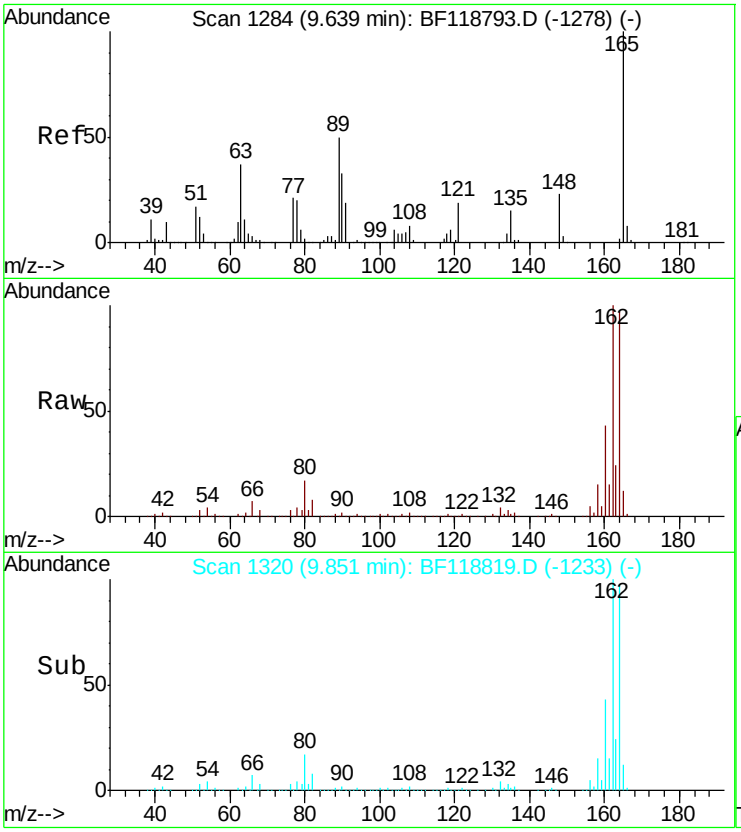


#45
2-Fluorobiphenyl
Concen: 15.123 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:172 Resp: 459582

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.8	46.2
170	23.3	20.5	30.7



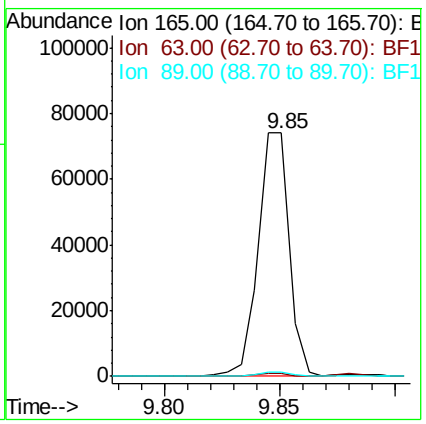


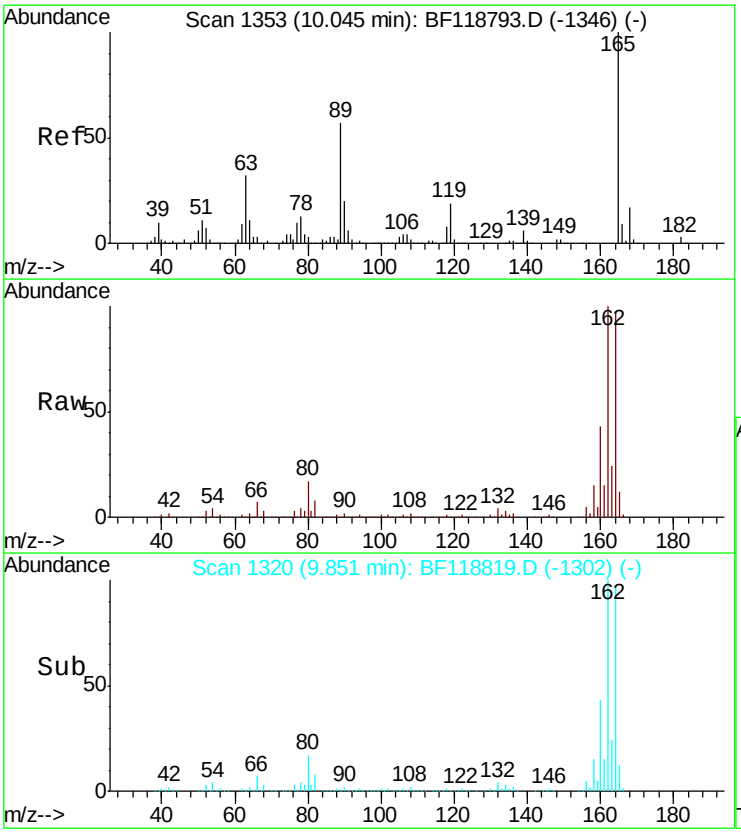
#51
2,6-Dinitrotoluene
Concen: 8.250 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 69828

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.5	39.7	59.5#

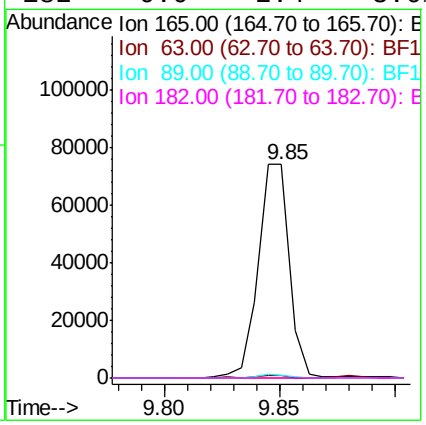


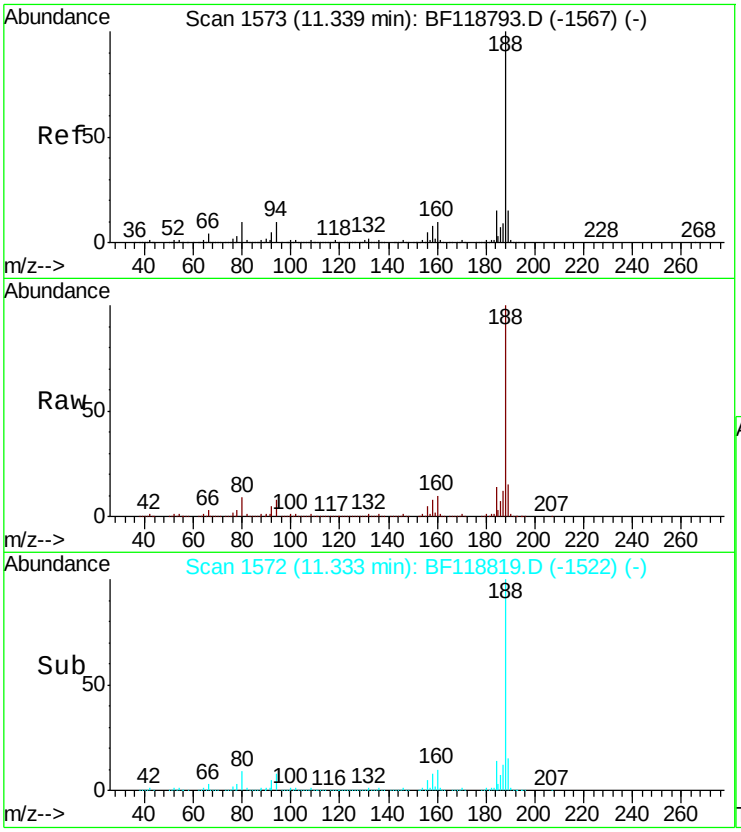


#57
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:165 Resp: 69828

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.5	45.4	68.0#
182	0.0	2.4	3.6#



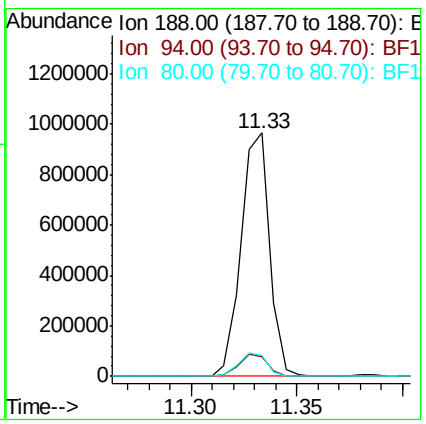


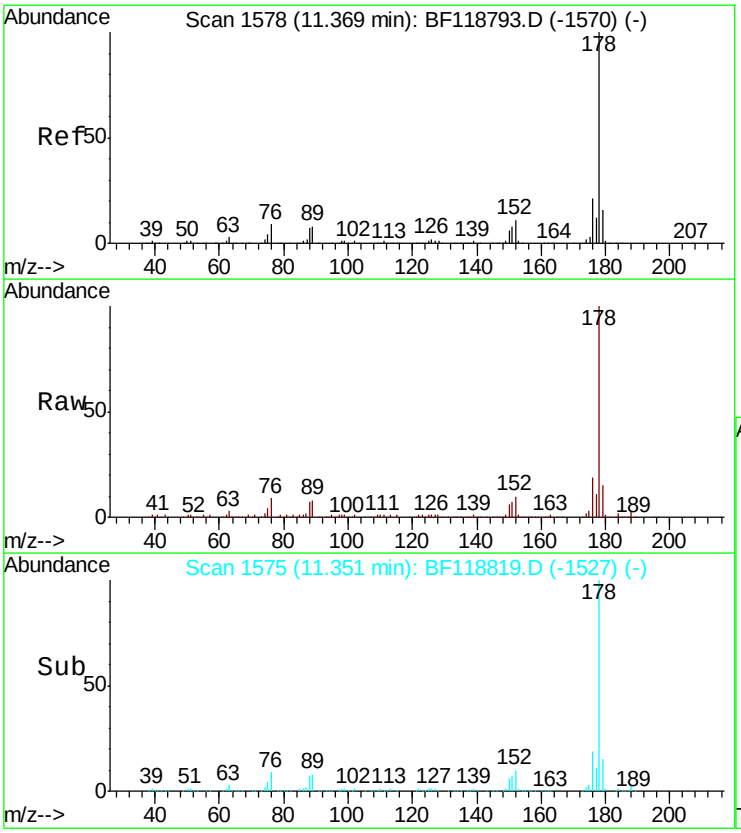
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 901482

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.9	11.9
80	8.6	8.4	12.6

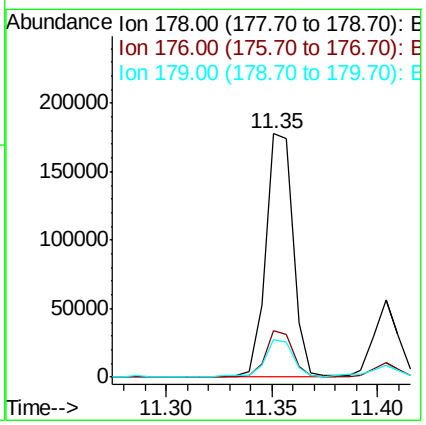


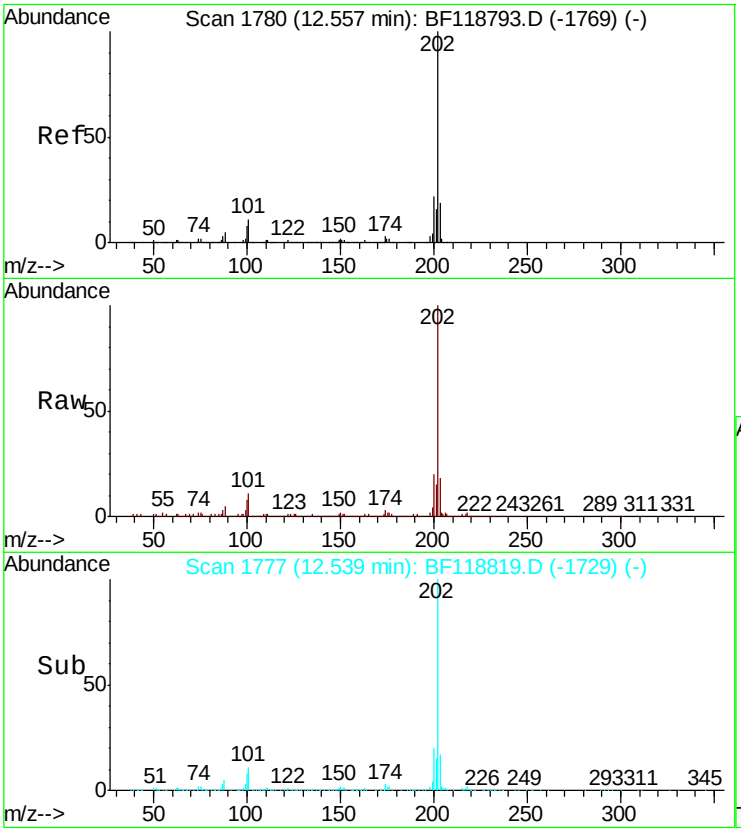


#71
Phenanthrene
Concen: 3.634 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:178 Resp: 161185

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	15.5	13.2	19.8



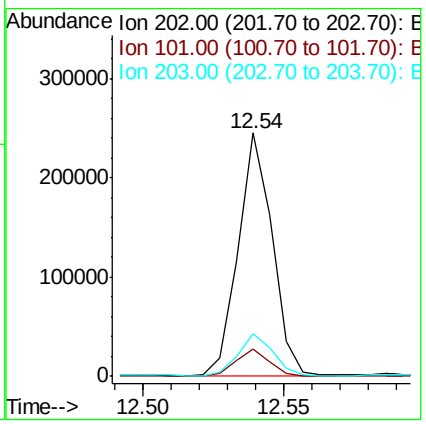


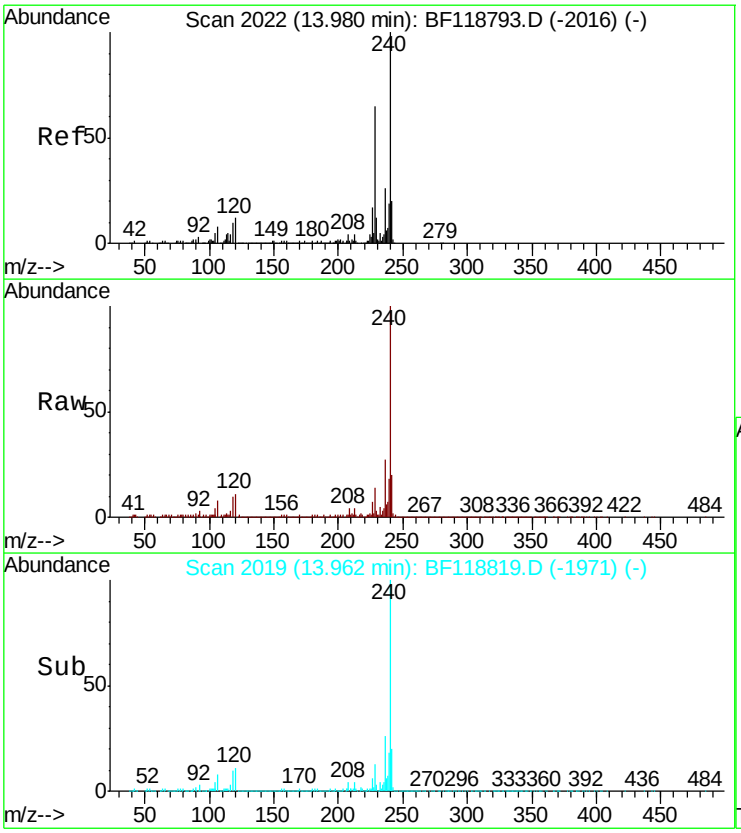
#75
Fluoranthene
Concen: 4.201 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 203439

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	17.5	0.0	38.7

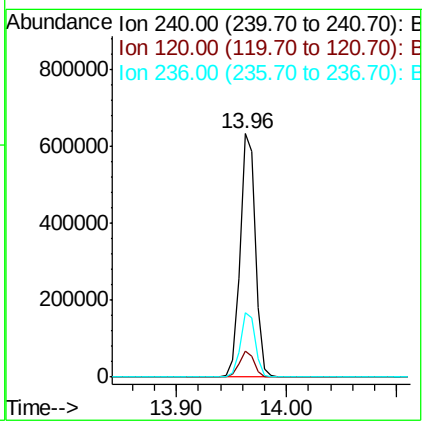


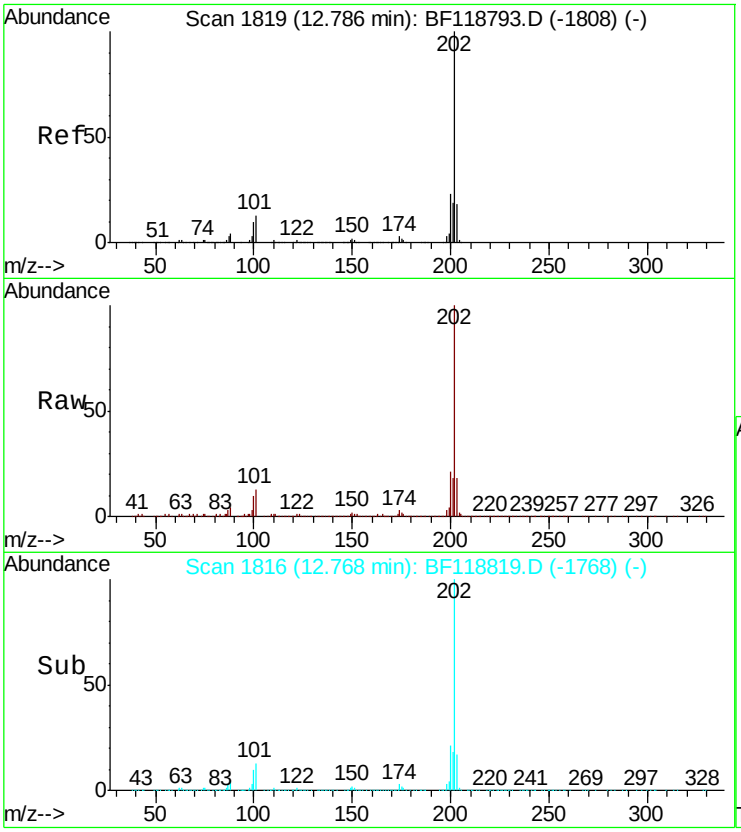


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:240 Resp: 616203

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.0
236	26.5	21.0	31.6



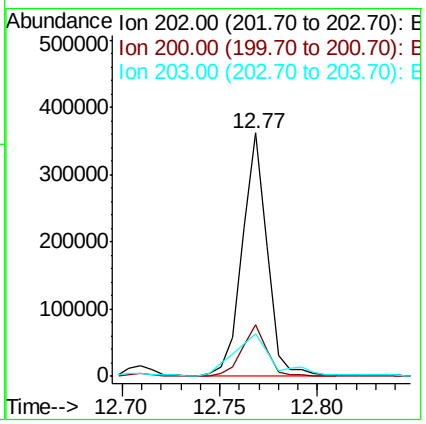


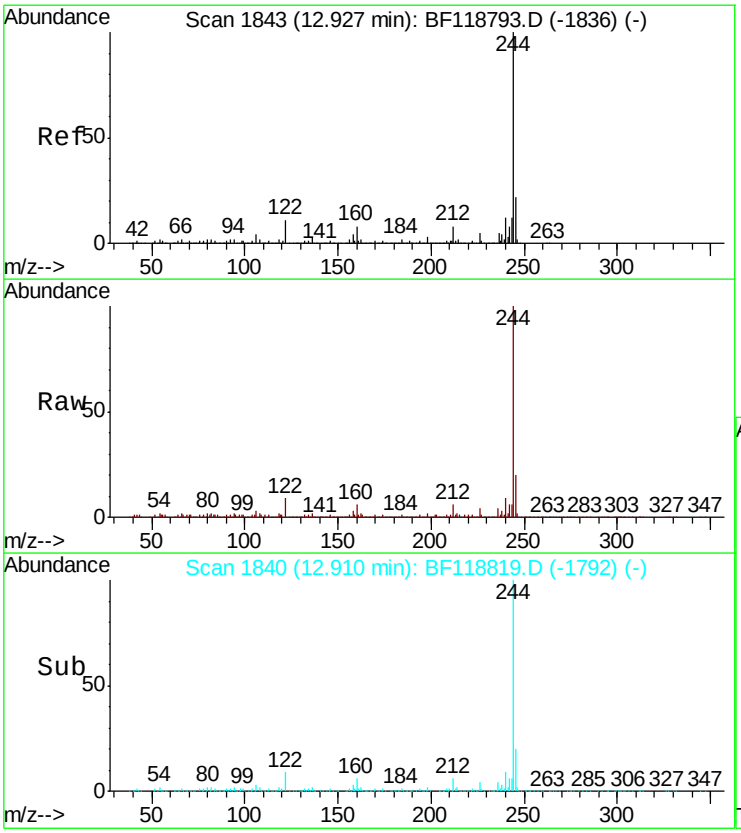
#78
Pyrene
Concen: 7.513 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 317596

Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.2	27.2
203	17.7	14.8	22.2

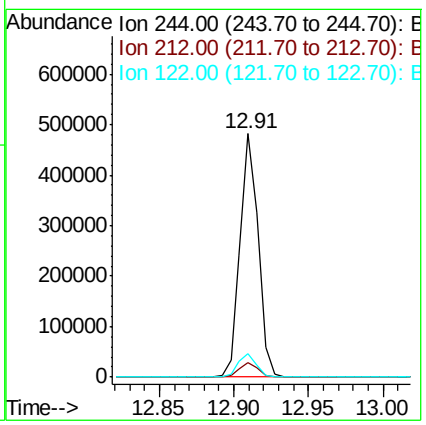


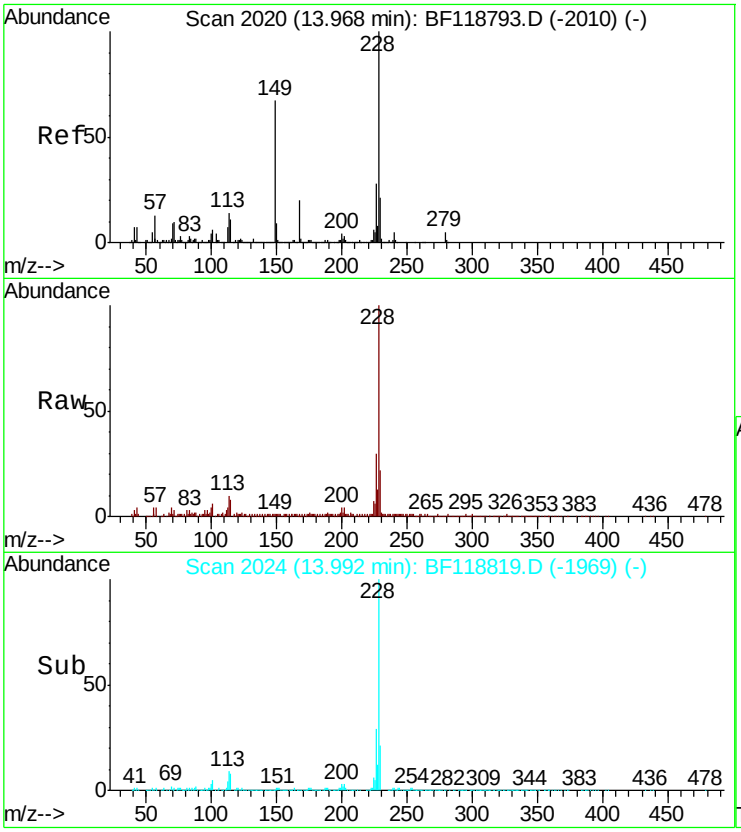


#79
Terphenyl-d14
Concen: 13.593 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:244 Resp: 407791

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.5	9.7#
122	9.5	8.9	13.3



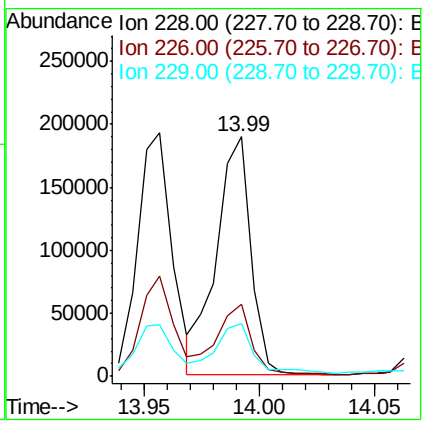


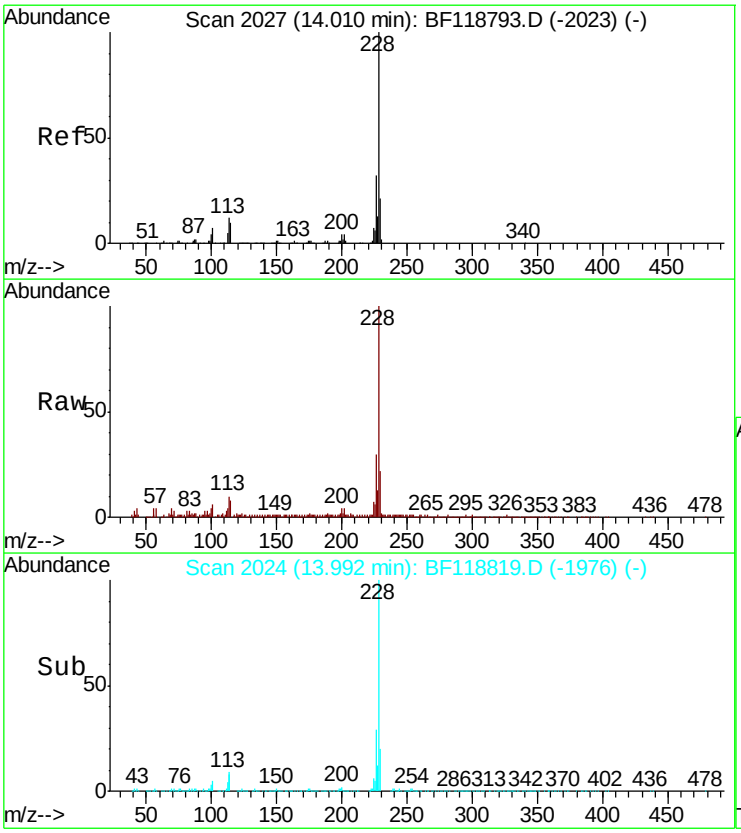
#81
Benzo(a)anthracene
Concen: 5.363 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 196654

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	22.1	16.6	25.0

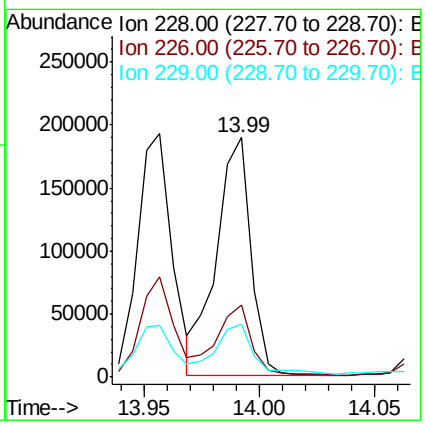


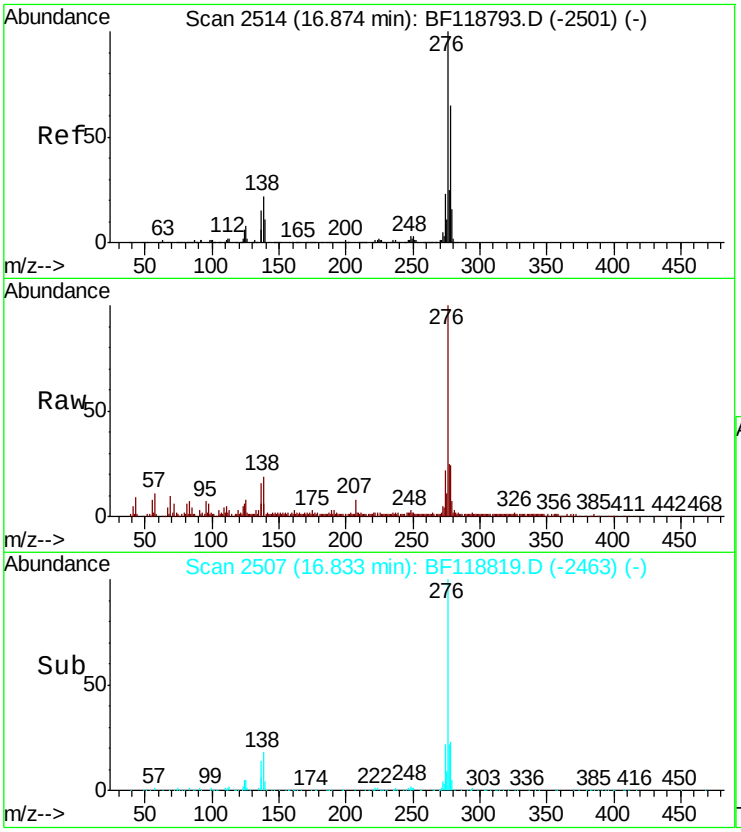


#83
Chrysene
Concen: 5.344 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:228 Resp: 196654

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	22.1	16.9	25.3



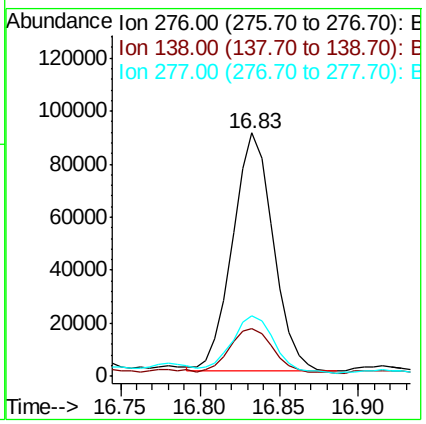


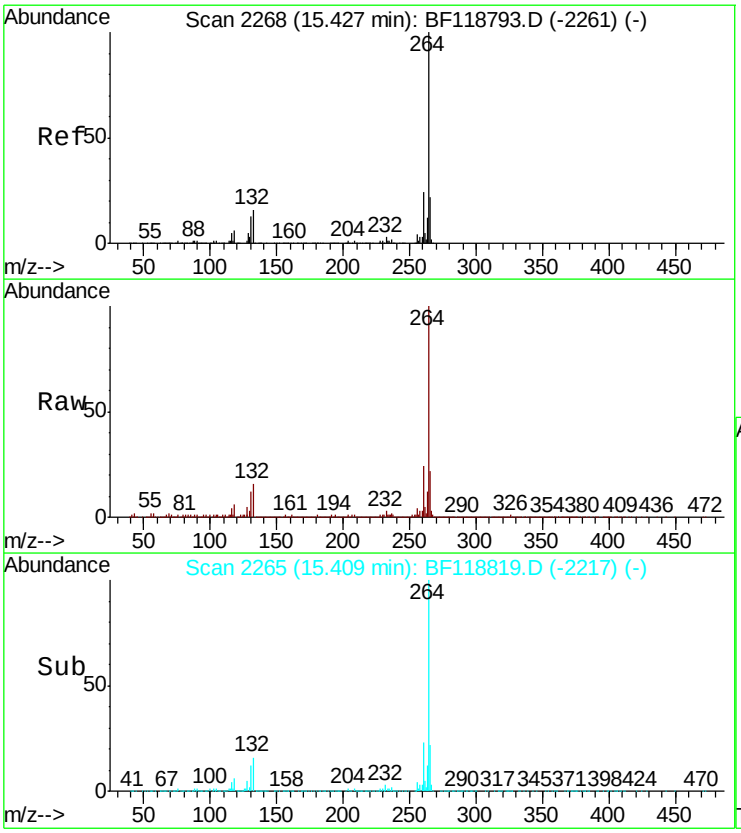
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.345 ng
RT: 16.83 min Scan# 2507
Delta R.T. -0.04 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 160673

Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.3	27.5
277	25.1	20.2	30.4

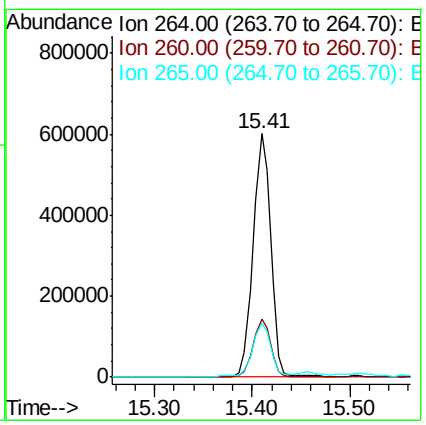


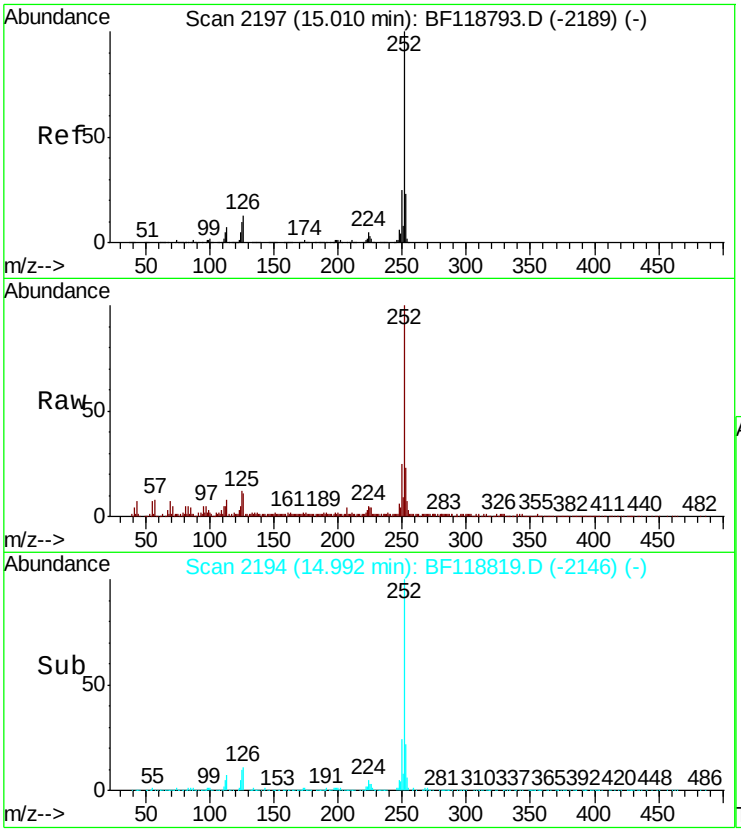


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:264 Resp: 756955

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.3	17.2	25.8



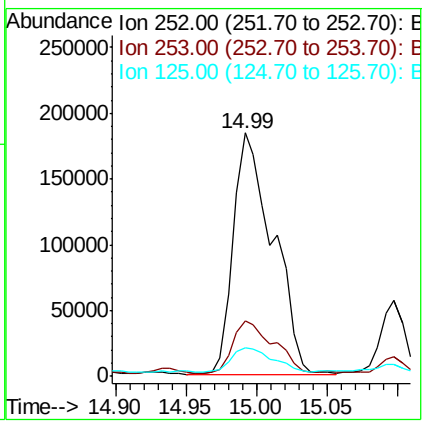


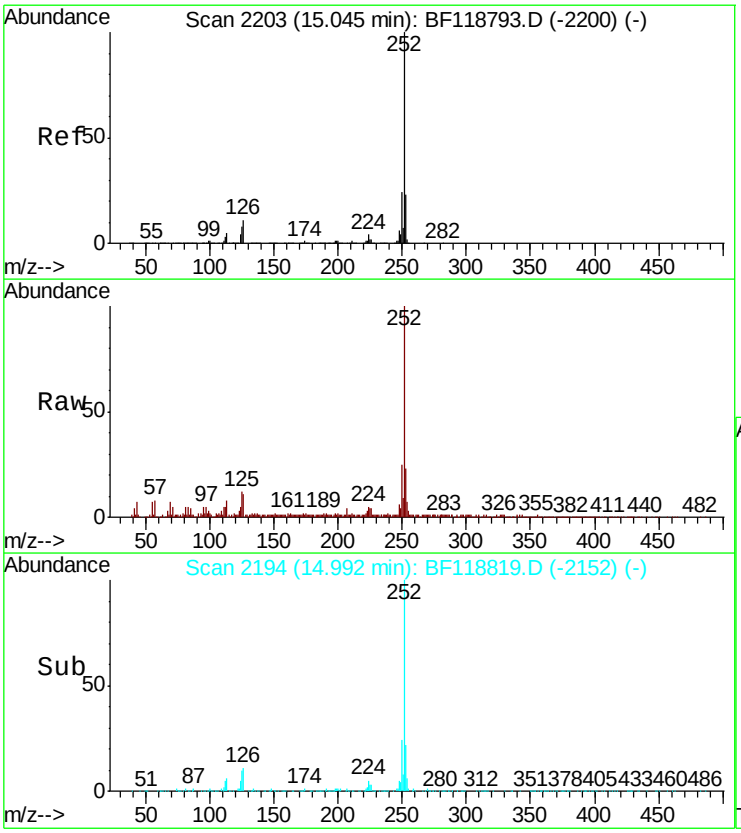
#88
Benzo(b)fluoranthene
Concen: 7.649 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 359300

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.9	8.1	12.1

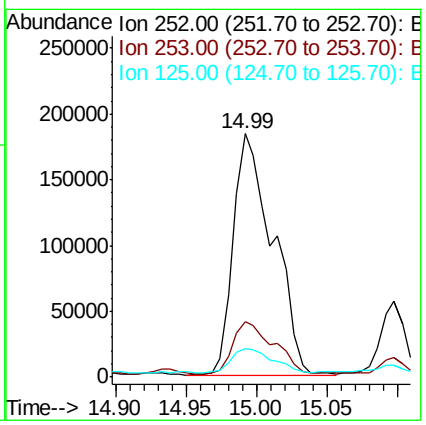


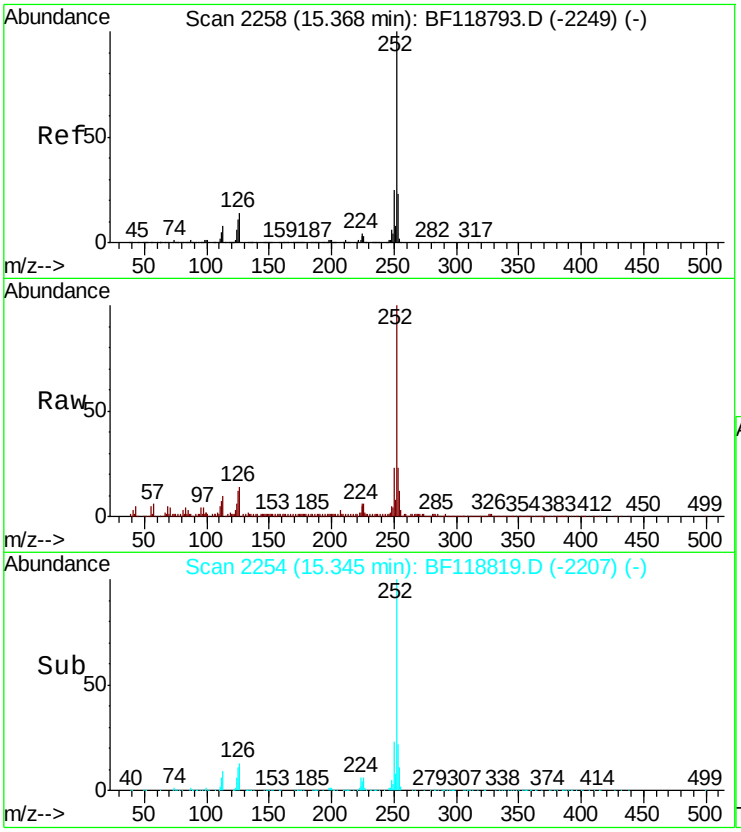


#89
Benzo(k)fluoranthene
Concen: 8.784 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:252 Resp: 359300

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.9	7.0	10.6#



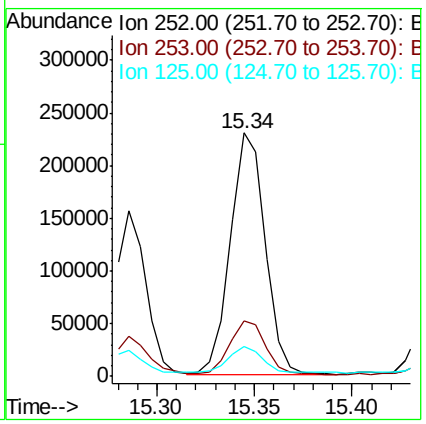


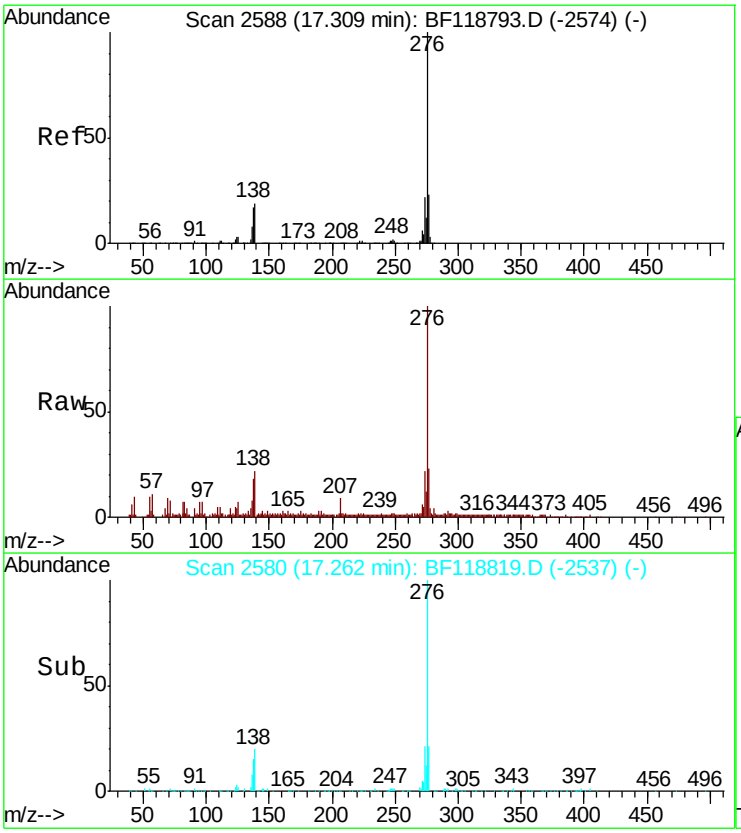
#90
Benzo(a)pyrene
Concen: 7.051 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 283451

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.4	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 4.916 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.05 min
Lab File: BF118819.D
Acq: 4 Feb 2020 23:30

Tgt Ion:276 Resp: 168721

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.7	28.1
138	21.7	15.4	23.2