Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:59 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	280402	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	985412	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	534832	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	867174	20.00	ng	0.00
76) Chrysene-d12	13.96	240	609904	20.00	ng	-0.02
87) Perylene-d12	15.41	264	722152	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	294637	19.89	ng	-0.01
7) Phenol-d6	6.43	99	359654	19.56	ng	-0.02
23) Nitrobenzene-d5	7.37	82	236940	14.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	104652	16.35	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	465193	15.55	ng	-0.01
79) Terphenyl-d14	12.92	244	444762	14.98	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	4585	Below Cal	#	1
18) Hexachloroethane	7.35	117	26629	3.787	ng	# 1
22) Acetophenone	7.21	105	78978	3.689	ng	# 36
35) Caprolactam	8.53	113	30662	6.606	ng	# 31
51) 2,6-Dinitrotoluene	9.85	165	76095	9.132	ng	# 31
57) 2,4-Dinitrotoluene	9.85	165	76095	6.901	ng	# 34
78) Pyrene	12.77	202	92662	2.215	ng	99
88) Benzo(b)fluoranthene	14.99	252	97439	2.174	ng	# 87
89) Benzo(k)fluoranthene	14.99	252	97439	2.497	ng	# 85

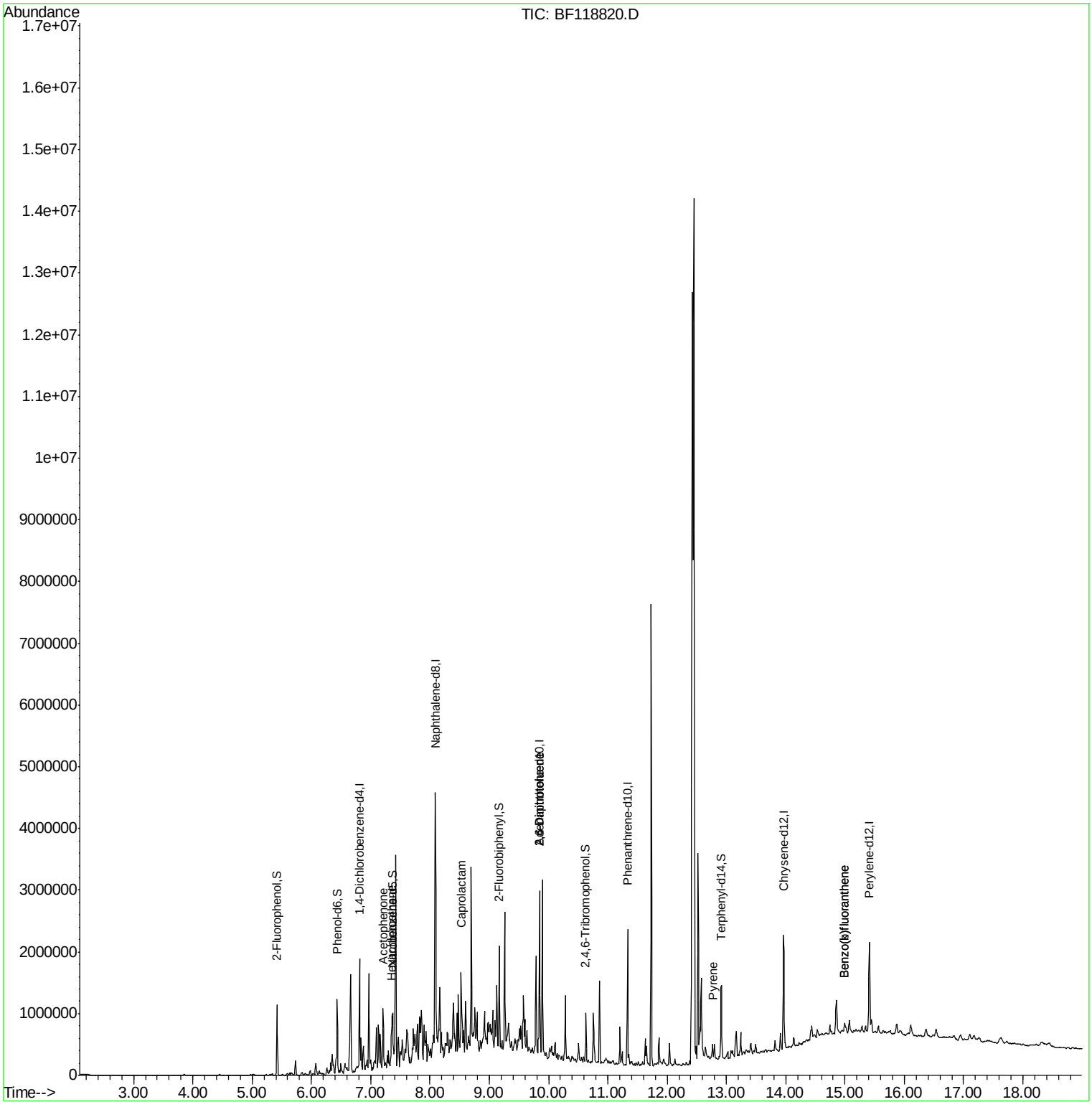
(#) = qualifier out of range (m) = manual integration (+) = signals summed

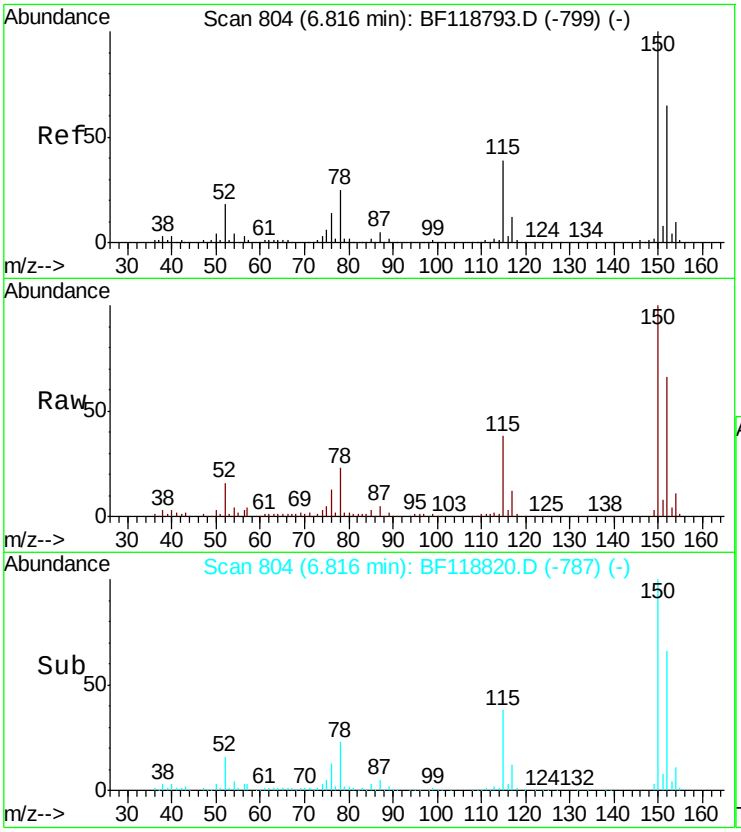
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118820.D
Acq On : 4 Feb 2020 23:57
Operator : CG/JU
Sample : L1368-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:59 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



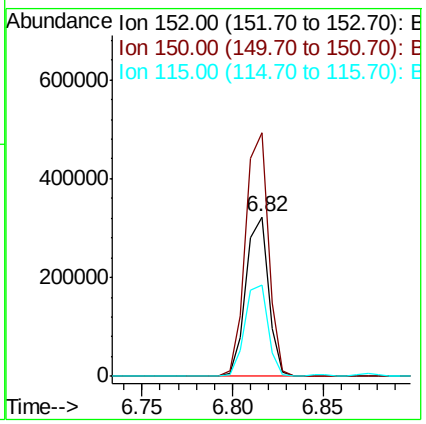


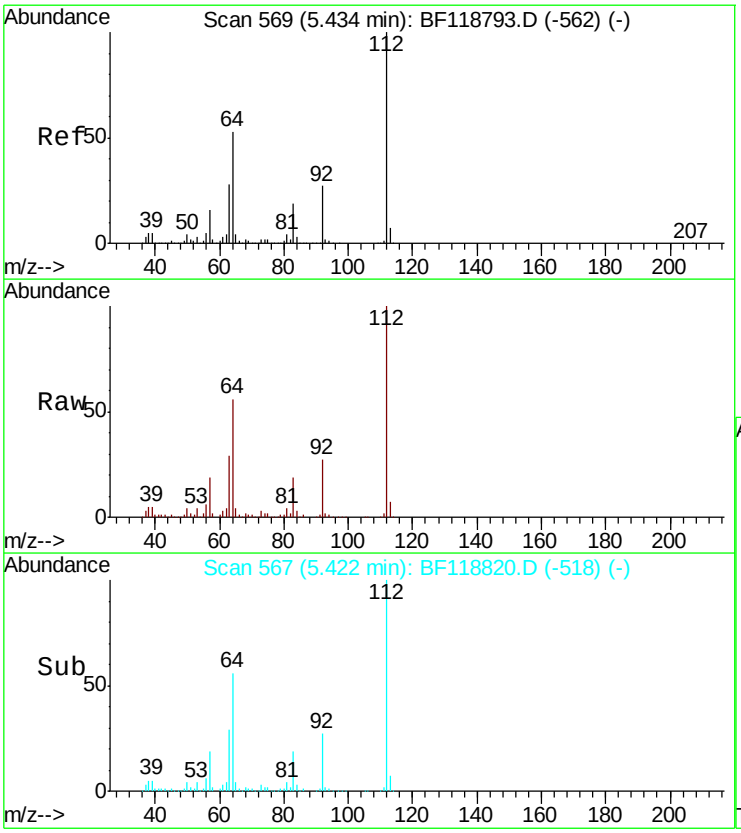
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 280402

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	57.4	48.2	72.2

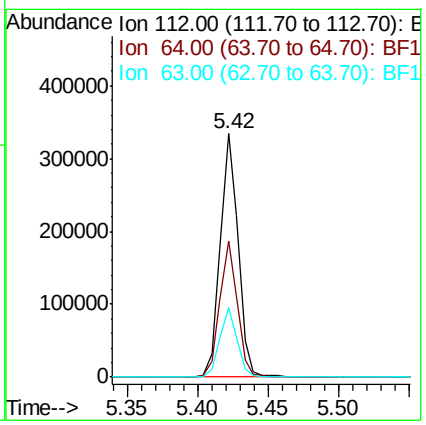


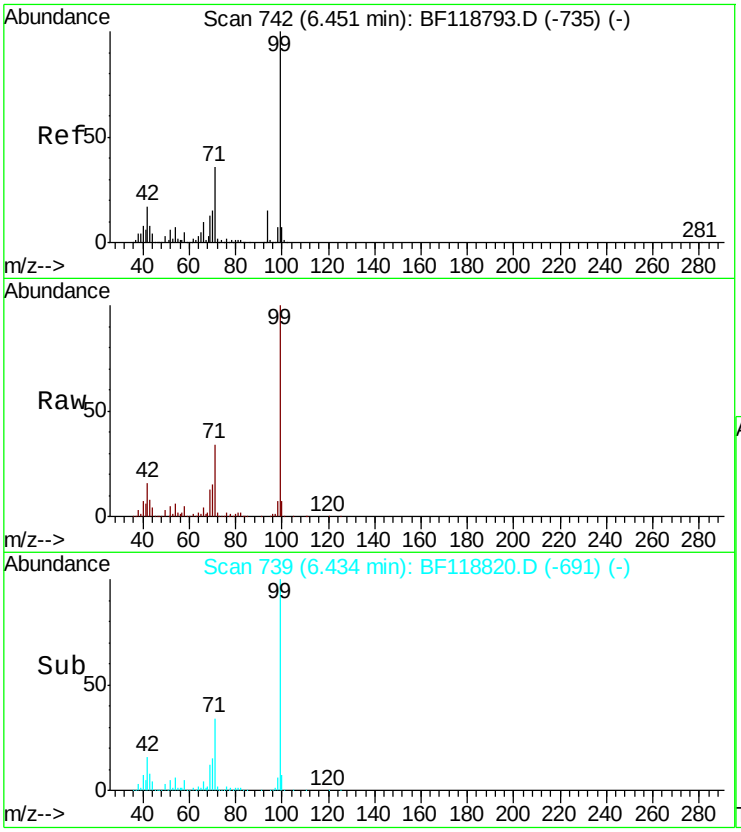


#5
2-Fluorophenol
Concen: 19.890 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:112 Resp: 294637

Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.6	63.8
63	28.7	22.2	33.4



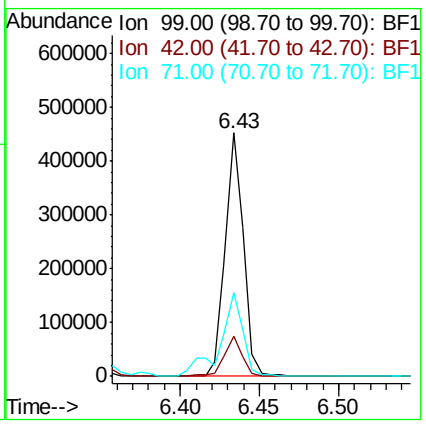


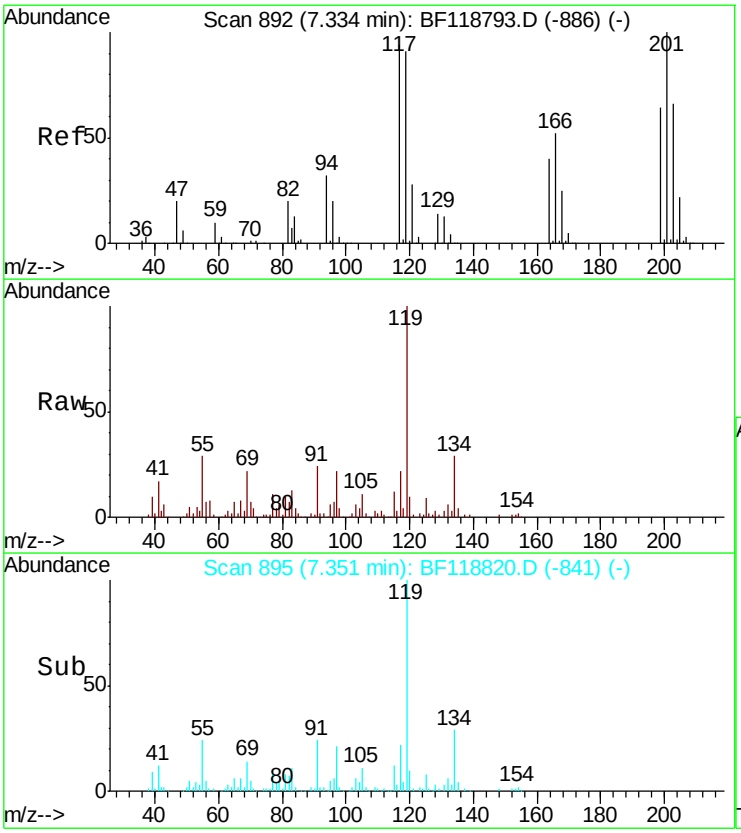
#7
Phenol-d6
Concen: 19.559 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 359654

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.0
71	34.4	29.0	43.6

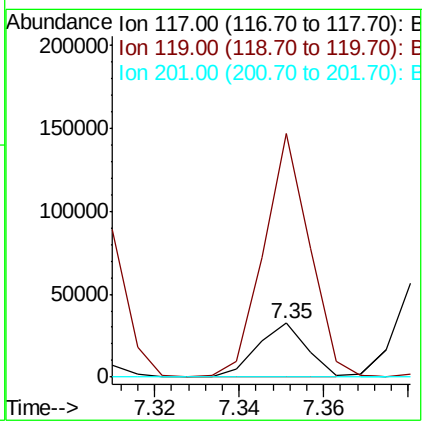


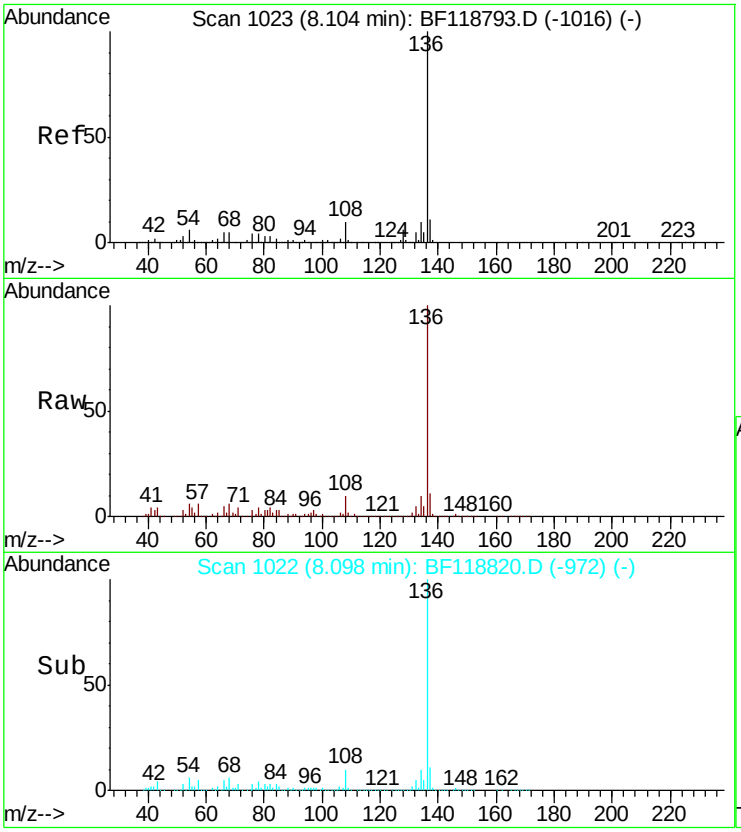


#18
Hexachloroethane
Concen: 3.787 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:117 Resp: 26629

Ion	Ratio	Lower	Upper
117	100		
119	452.2	77.4	116.0#
201	0.0	85.1	127.7#



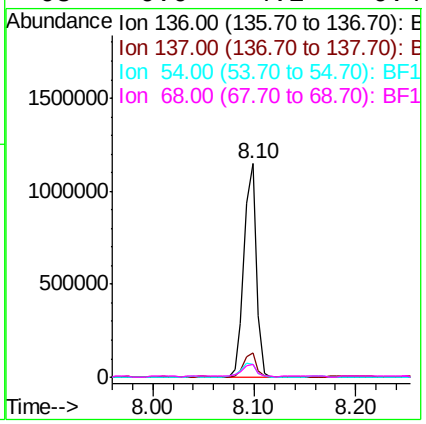


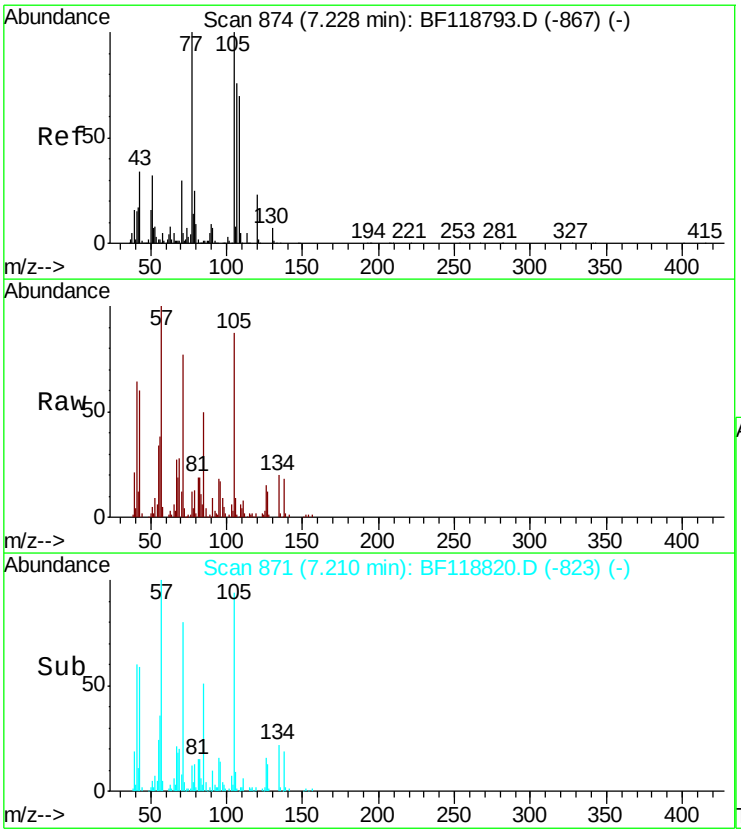
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 985412

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.3	5.0	7.6
68	6.0	4.2	6.4

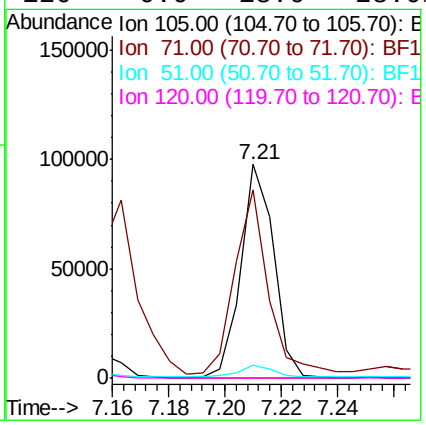


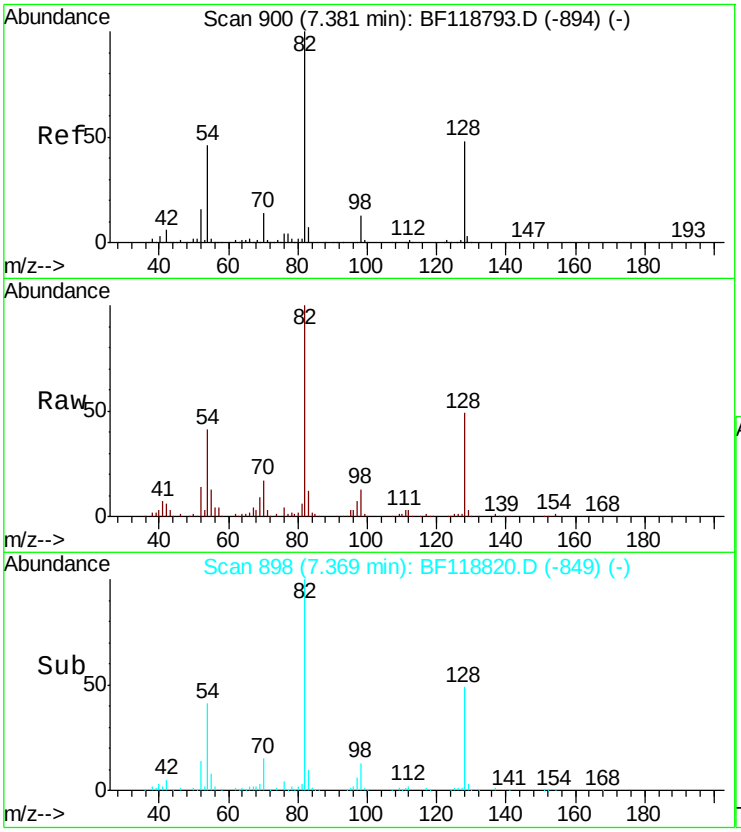


#22
Acetophenone
Concen: 3.689 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:105 Resp: 78978

Ion	Ratio	Lower	Upper
105	100		
71	88.3	4.2	6.4#
51	6.3	25.5	38.3#
120	0.0	18.6	28.0#



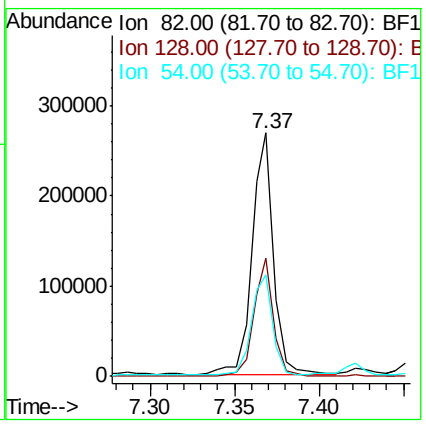


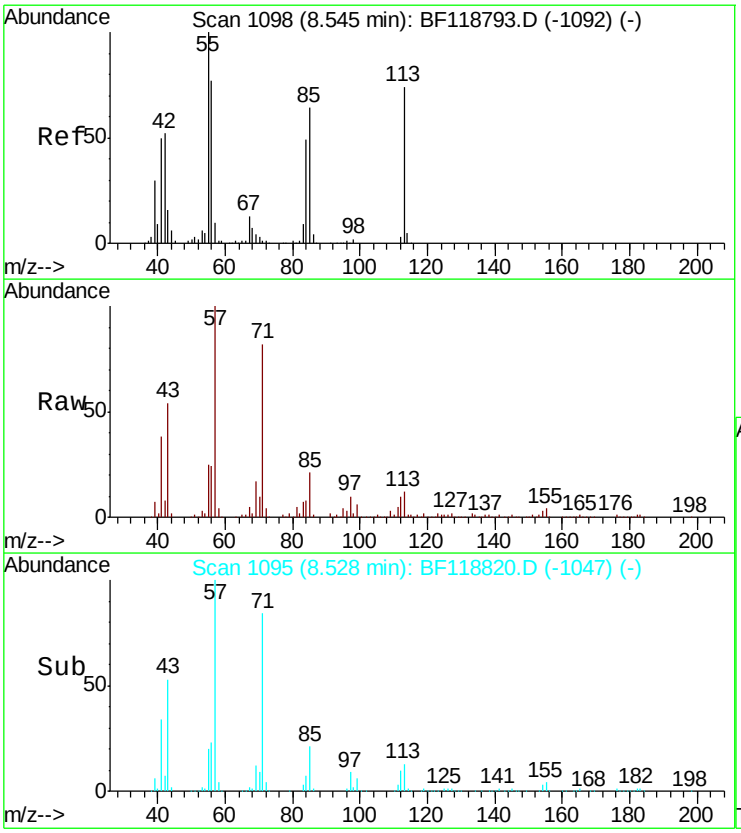
#23
Nitrobenzene-d5
Concen: 14.332 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 236940

Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.5	57.7
54	41.5	36.7	55.1

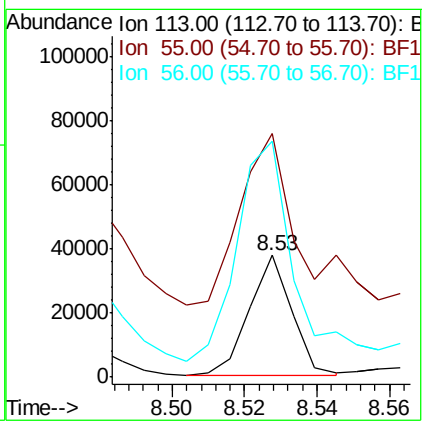


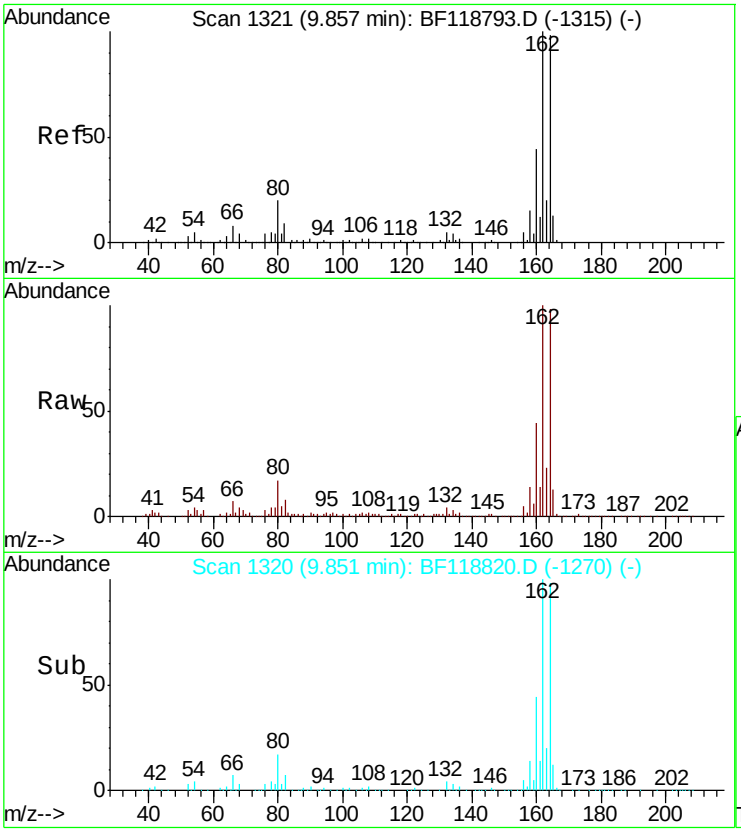


#35
Caprolactam
Concen: 6.606 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:113 Resp: 30662

Ion	Ratio	Lower	Upper
113	100		
55	199.9	115.5	155.5#
56	194.1	83.7	123.7#



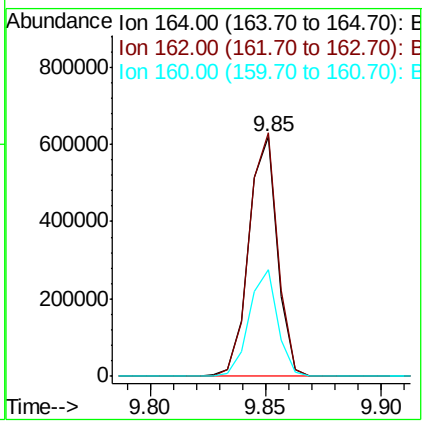


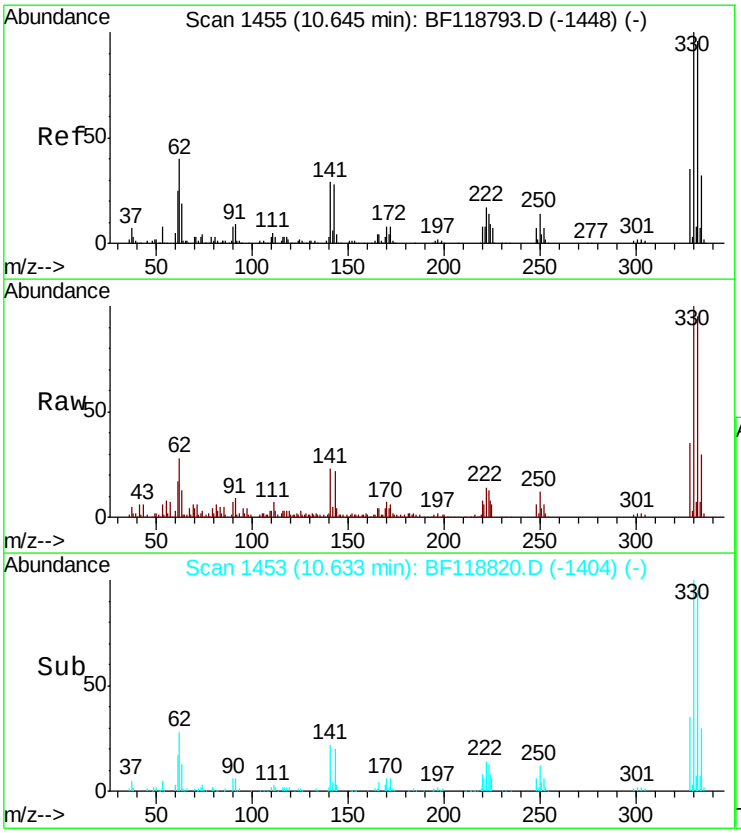
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 534832

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	44.4	35.6	53.4

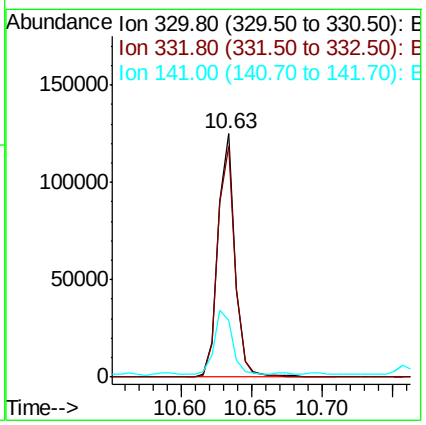


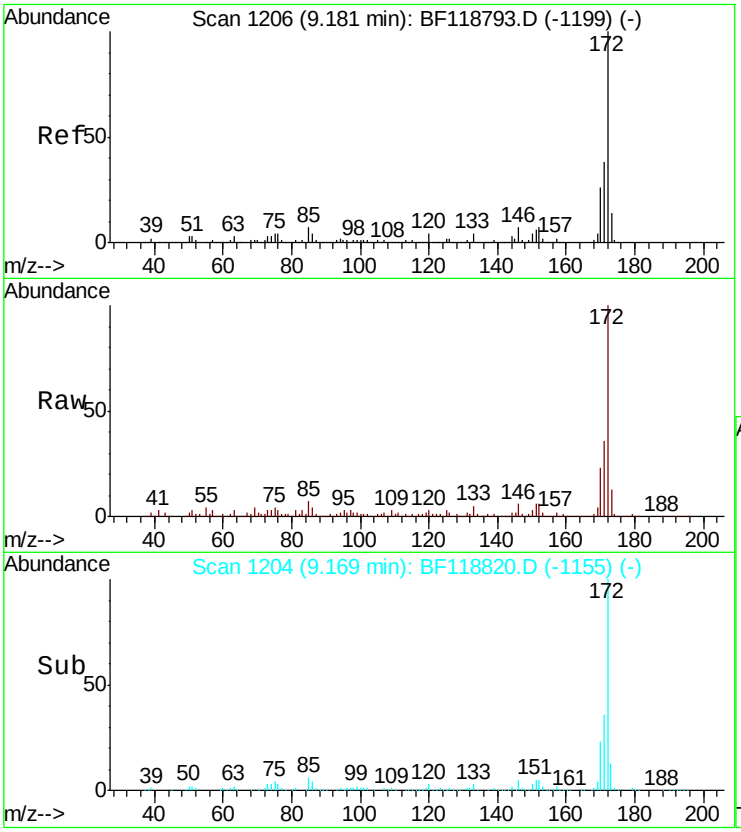


#42
2,4,6-Tribromophenol
Concen: 16.353 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:330 Resp: 104652

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.8	22.4	33.6



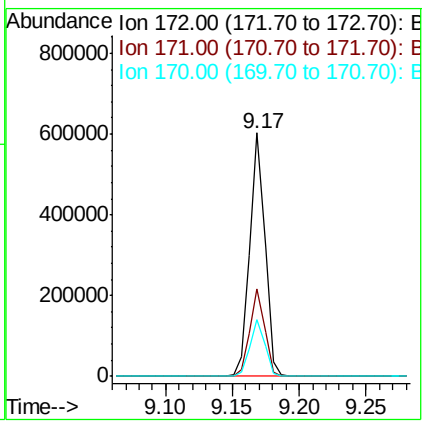


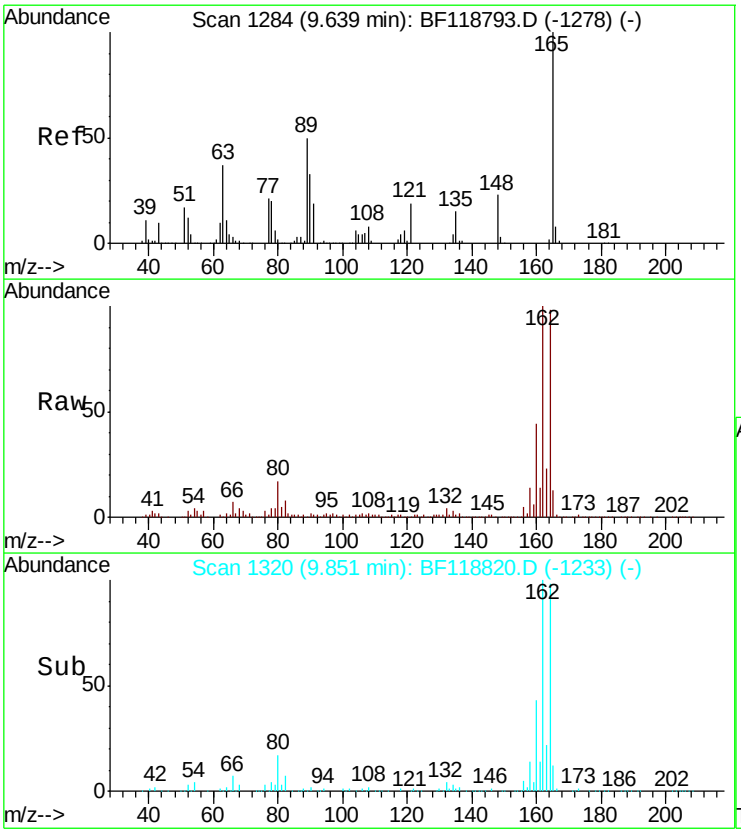
#45
2-Fluorobiphenyl
Concen: 15.549 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 465193

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.8	46.2
170	23.2	20.5	30.7

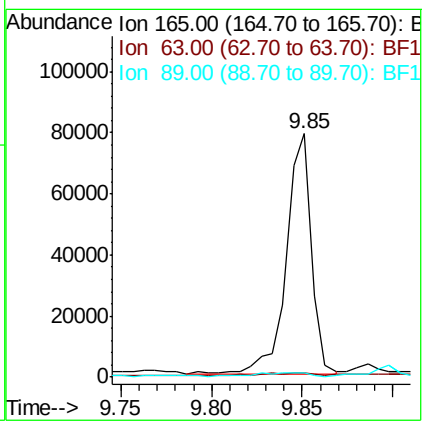


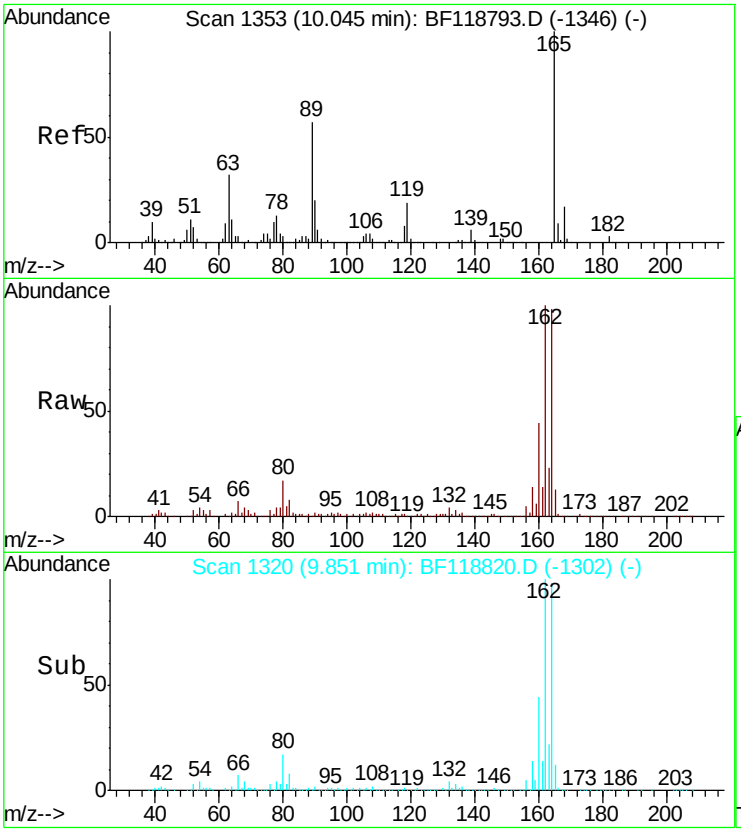


#51
2,6-Dinitrotoluene
Concen: 9.132 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:165 Resp: 76095

Ion	Ratio	Lower	Upper
165	100		
63	1.7	37.4	56.0#
89	1.6	39.7	59.5#



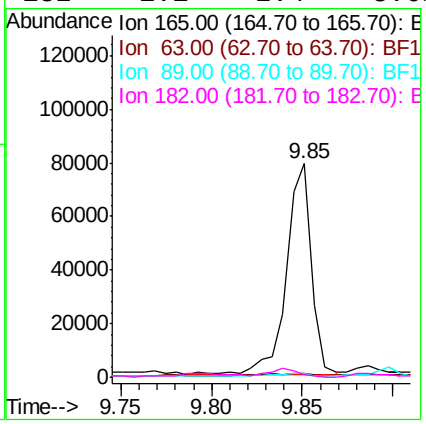


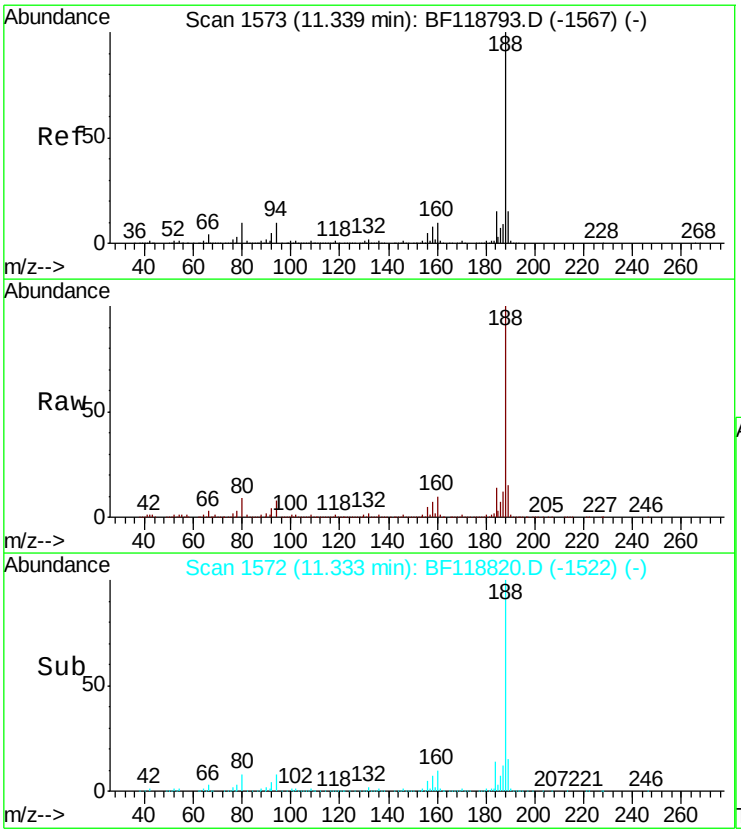
#57
2,4-Dinitrotoluene
Concen: 6.901 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 76095

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.5	38.3#
89	1.6	45.4	68.0#
182	1.1	2.4	3.6#

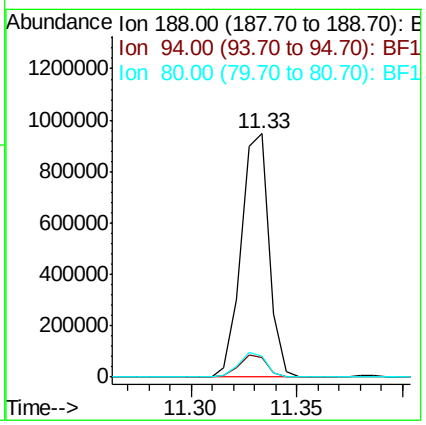


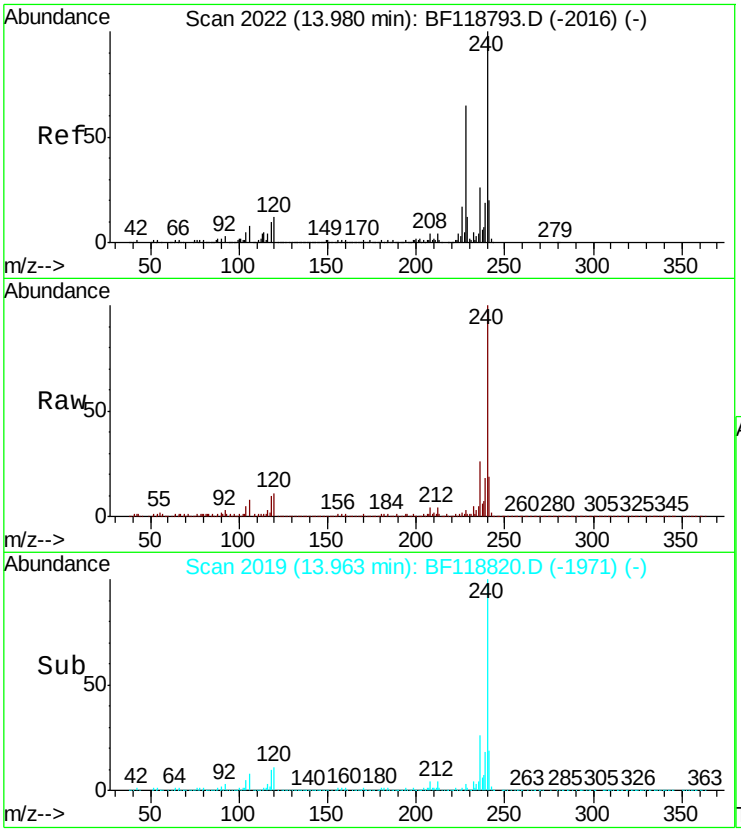


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:188 Resp: 867174

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



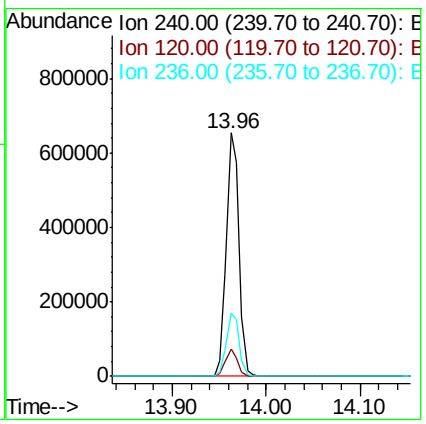


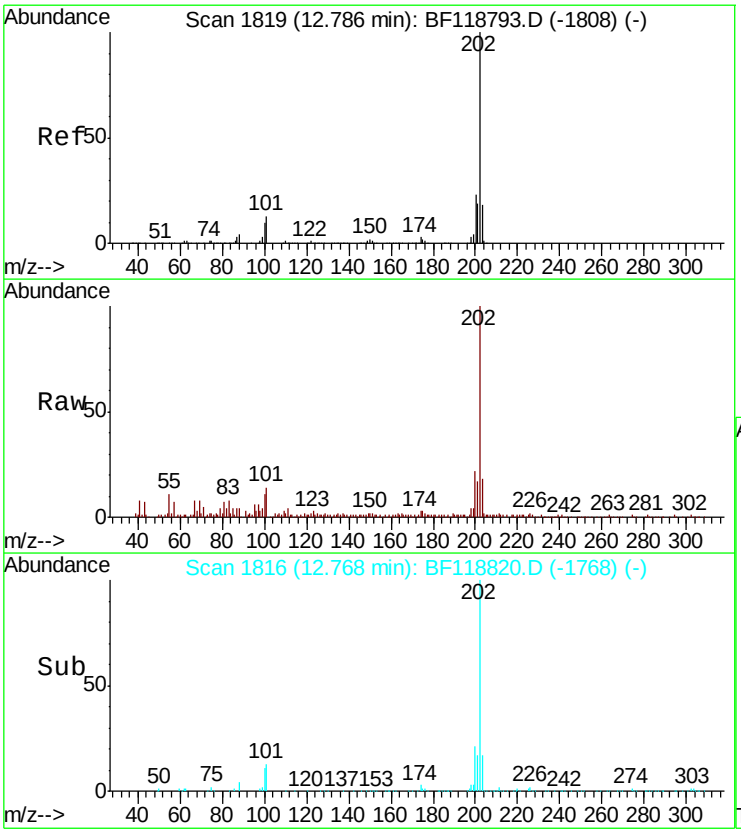
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 609904

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.4	14.0
236	25.8	21.0	31.6

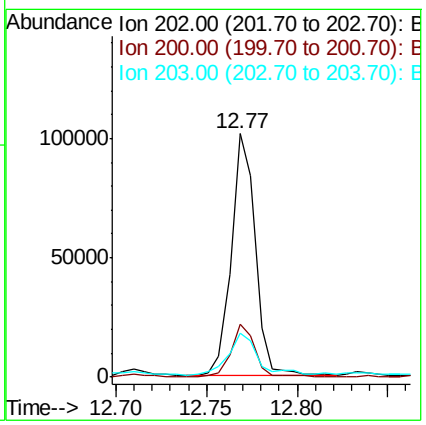


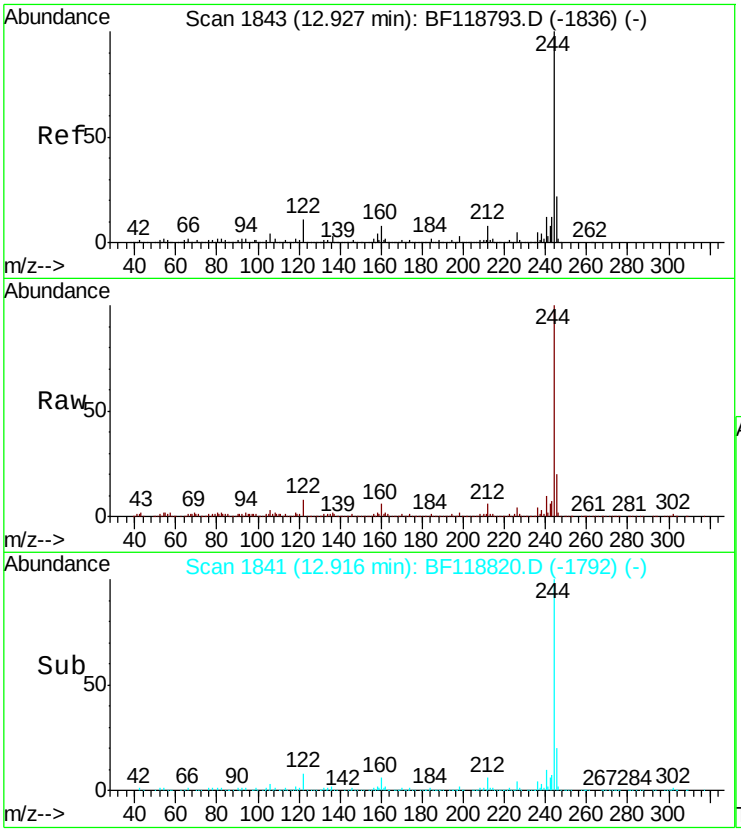


#78
Pyrene
Concen: 2.215 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:202 Resp: 92662

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.2	27.2
203	18.3	14.8	22.2



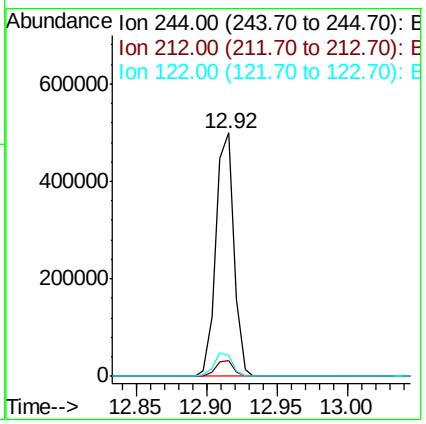


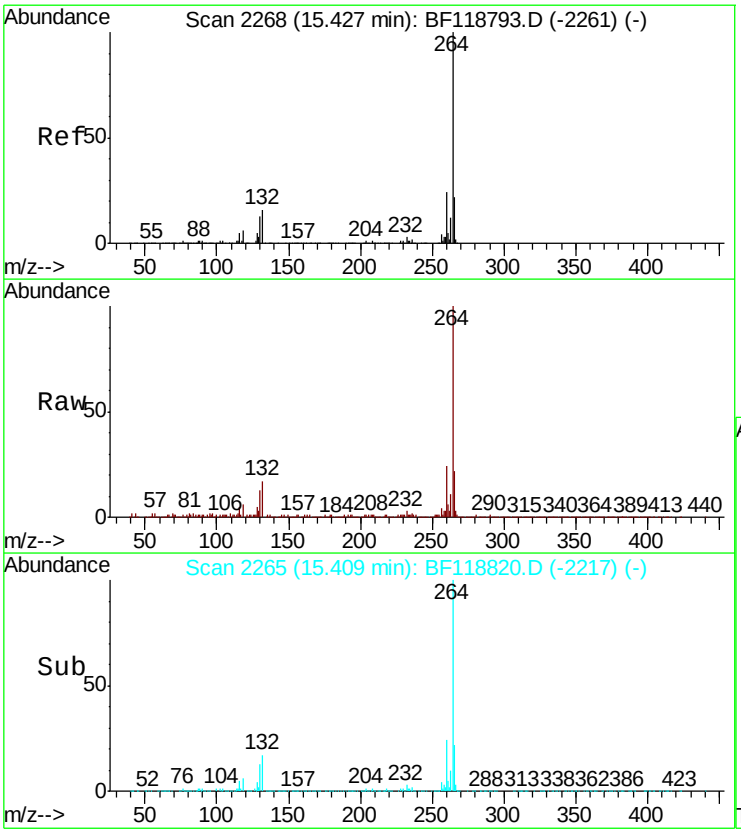
#79
Terphenyl-d14
Concen: 14.979 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 444762

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.5	9.7#
122	8.4	8.9	13.3#

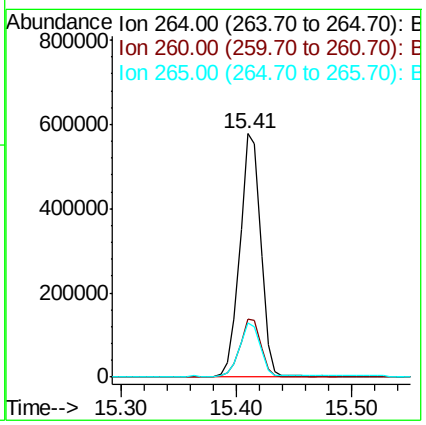


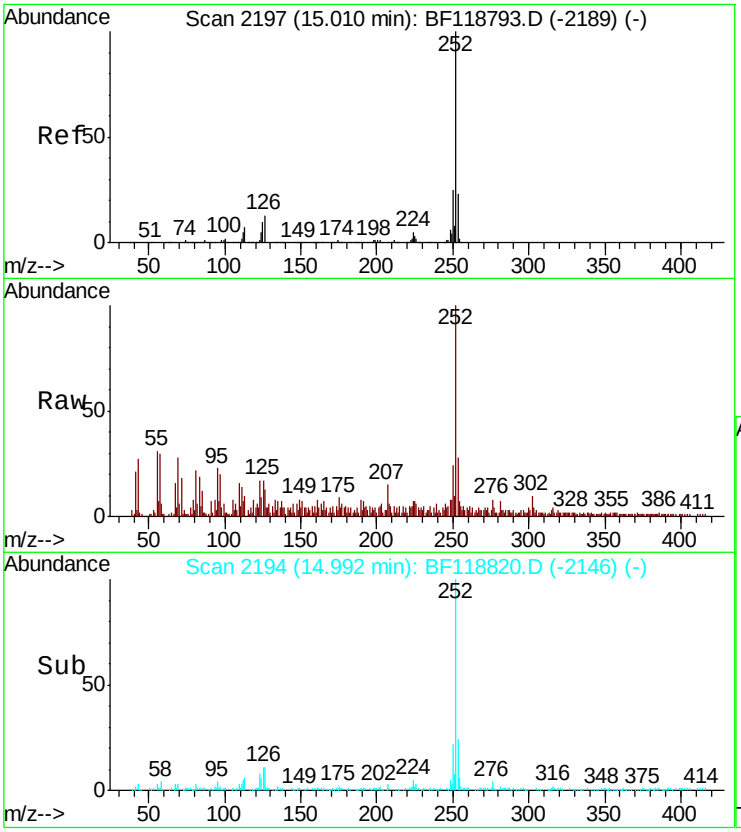


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:264 Resp: 722152

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.2	17.2	25.8



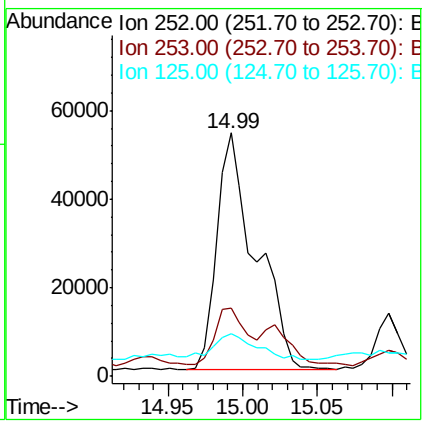


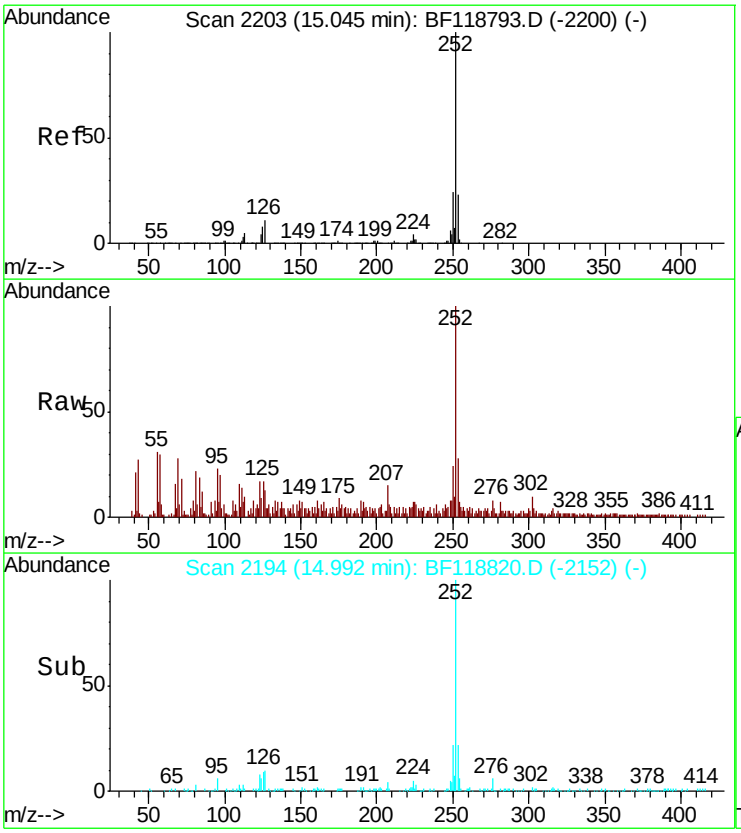
#88
Benzo(b)fluoranthene
Concen: 2.174 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 97439

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.4	27.6#
125	17.4	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 2.497 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF118820.D
Acq: 4 Feb 2020 23:57

Tgt Ion:252 Resp: 97439

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.2	27.4#
125	17.4	7.0	10.6#