Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:19 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	271603	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	772093	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	484888	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	796025	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	603308	20.00	ng		-0.02
87) Perylene-d12	15.42	264	740313	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	765905	53.38	ng		0.00
7) Phenol-d6	6.44	99	925210	51.95	ng		-0.01
23) Nitrobenzene-d5	7.37	82	607409	46.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	256017	44.13	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	1033437	38.10	ng		-0.01
79) Terphenyl-d14	12.91	244	990794	33.73	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	7968	Below Cal		#	1
18) Hexachloroethane	7.35	117	72596	10.660	ng	#	1
22) Acetophenone	7.21	105	201520	12.013	ng	#	35
25) Isophorone	7.63	82	51020	2.192	ng	#	1
35) Caprolactam	8.53	113	87106	23.953	ng	#	47
37) 2-Methylnaphthalene	8.81	142	105320	4.300	ng		96
38) 1-Methylnaphthalene	8.91	142	76016	3.299	ng	#	96
71) Phenanthrene	11.35	178	162785	4.156	ng		96
75) Fluoranthene	12.54	202	202639	4.739	ng		97
78) Pyrene	12.77	202	166003	4.011	ng		97
81) Benzo(a)anthracene	13.96	228	94874	2.643	ng		96
83) Chrysene	13.96	228	94428	2.621	ng		96
88) Benzo(b)fluoranthene	14.99	252	161303	3.511	ng	#	82
89) Benzo(k)fluoranthene	14.99	252	161303	4.032	ng	#	81
90) Benzo(a)pyrene	15.34	252	85687	2.180	ng	#	85

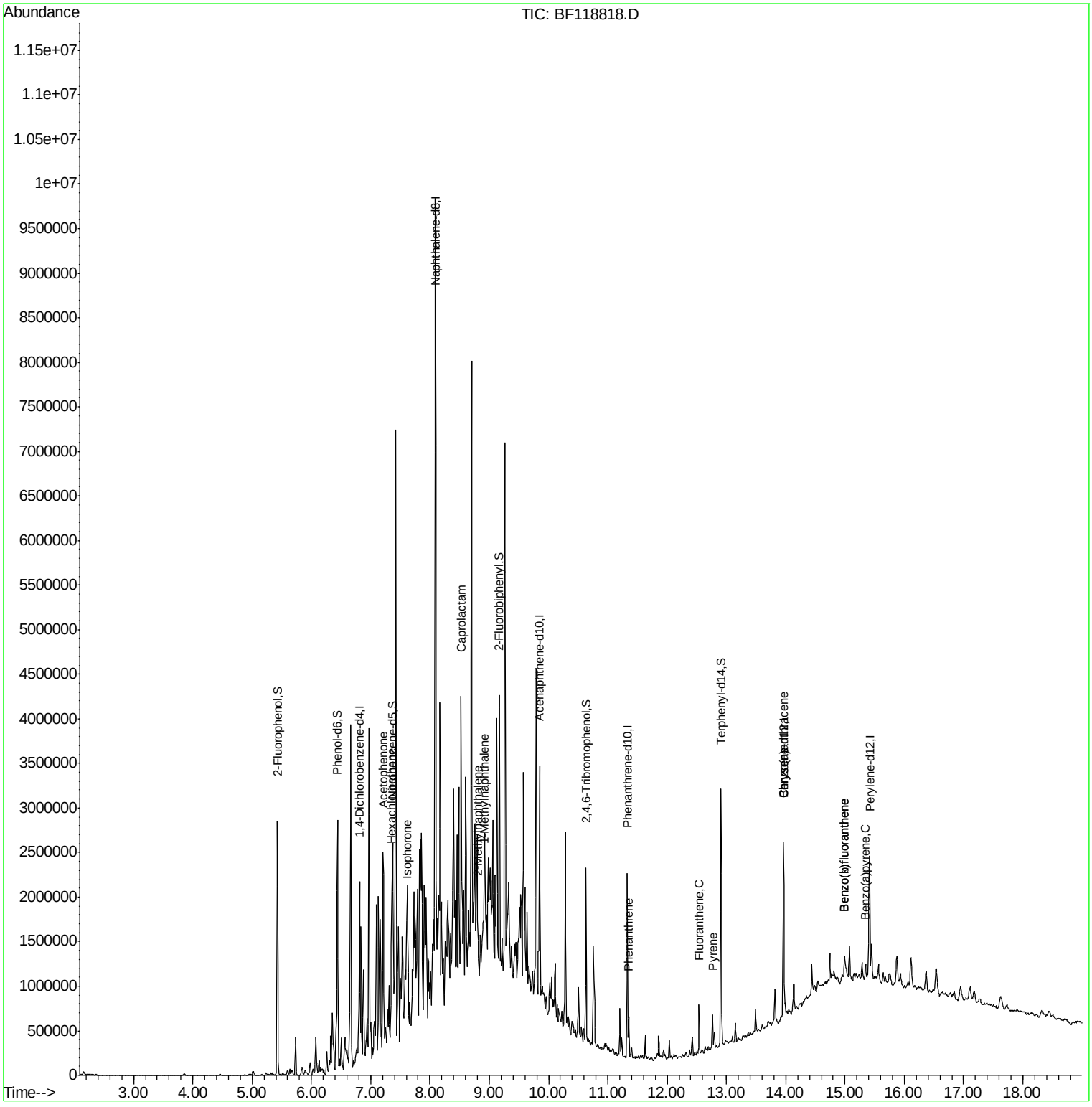
(#) = qualifier out of range (m) = manual integration (+) = signals summed

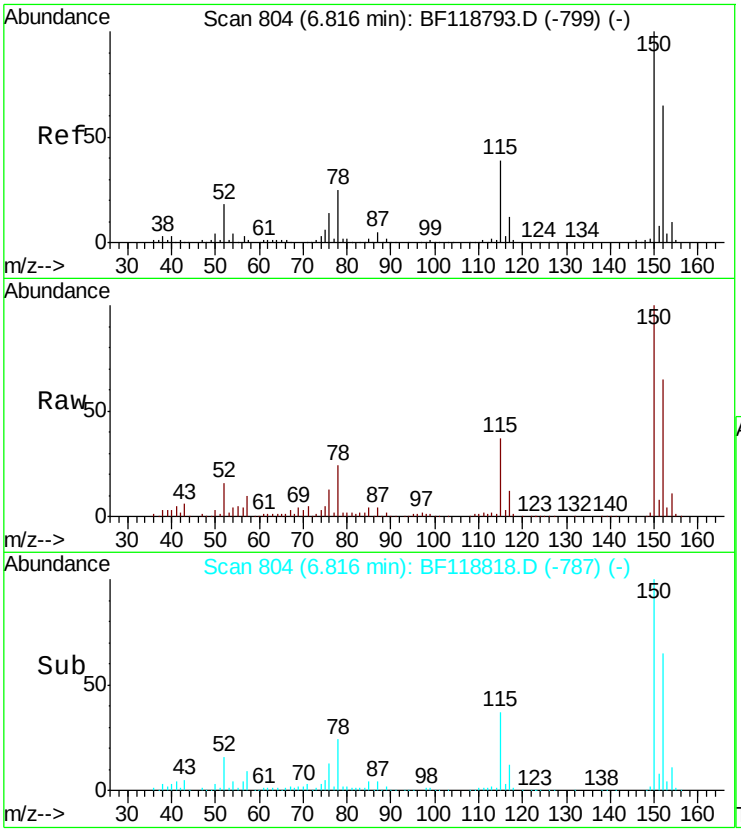
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 06:35:19 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



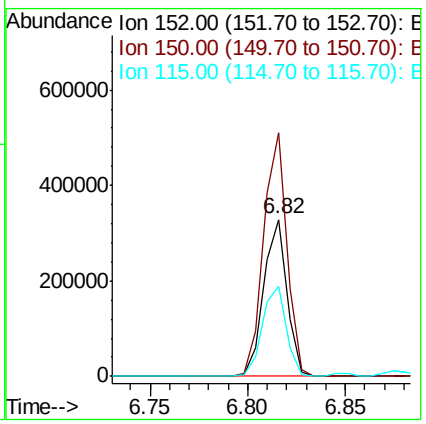


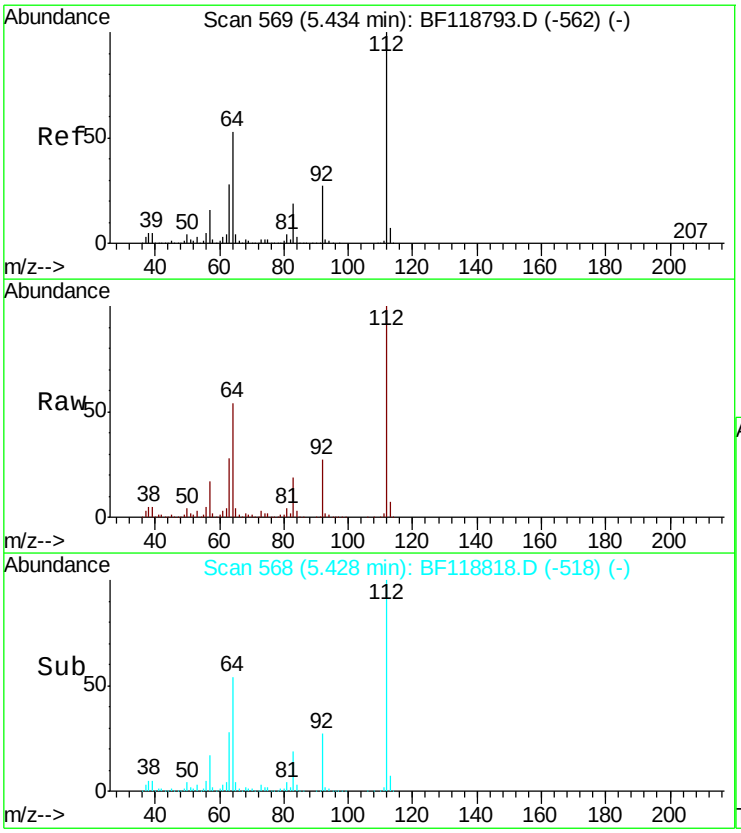
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 271603

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.6	185.4
115	57.6	48.2	72.2

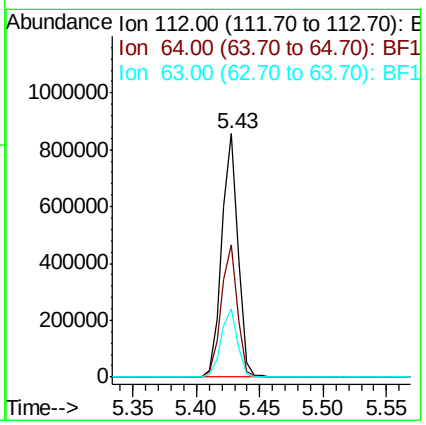


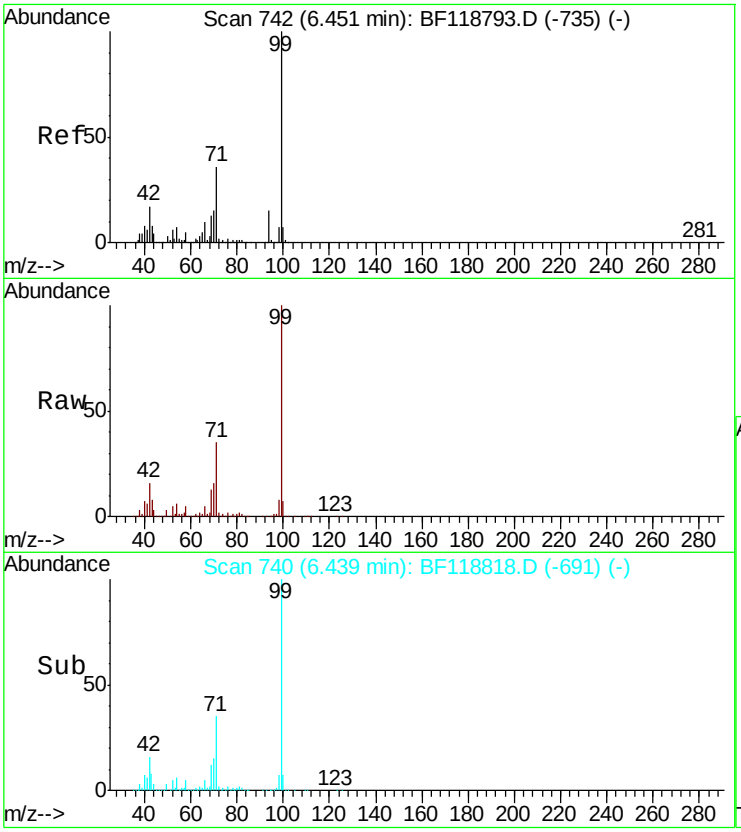


#5
2-Fluorophenol
Concen: 53.379 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:112 Resp: 765905

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.6	63.8
63	27.8	22.2	33.4



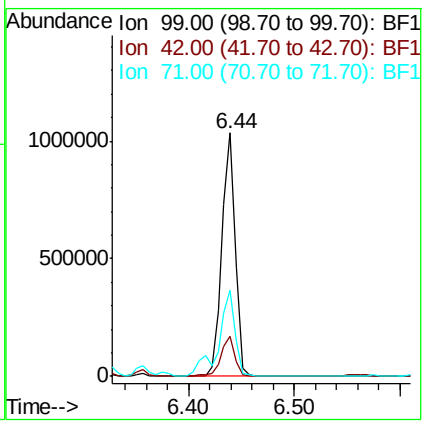


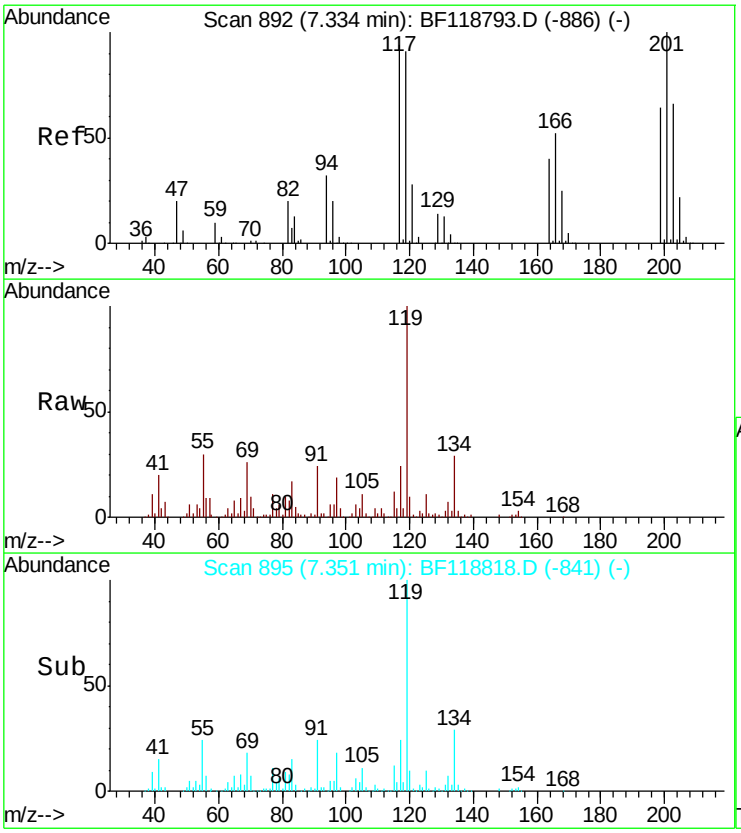
#7
Phenol-d6
Concen: 51.945 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 925210

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	35.4	29.0	43.6

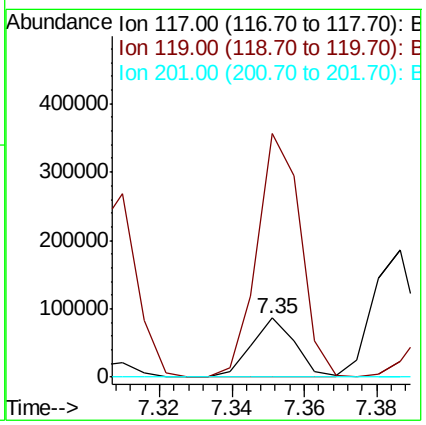


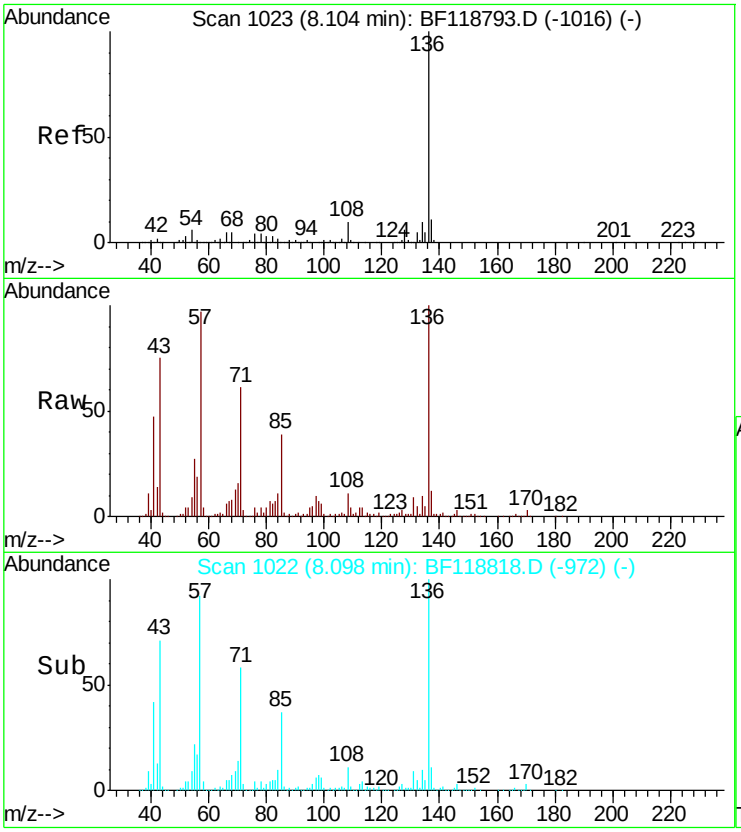


#18
Hexachloroethane
Concen: 10.660 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:117 Resp: 72596

Ion	Ratio	Lower	Upper
117	100		
119	414.4	77.4	116.0#
201	0.0	85.1	127.7#



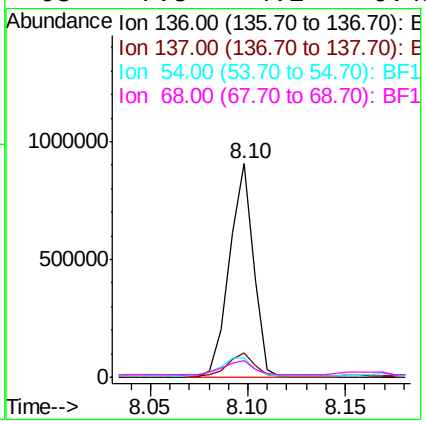


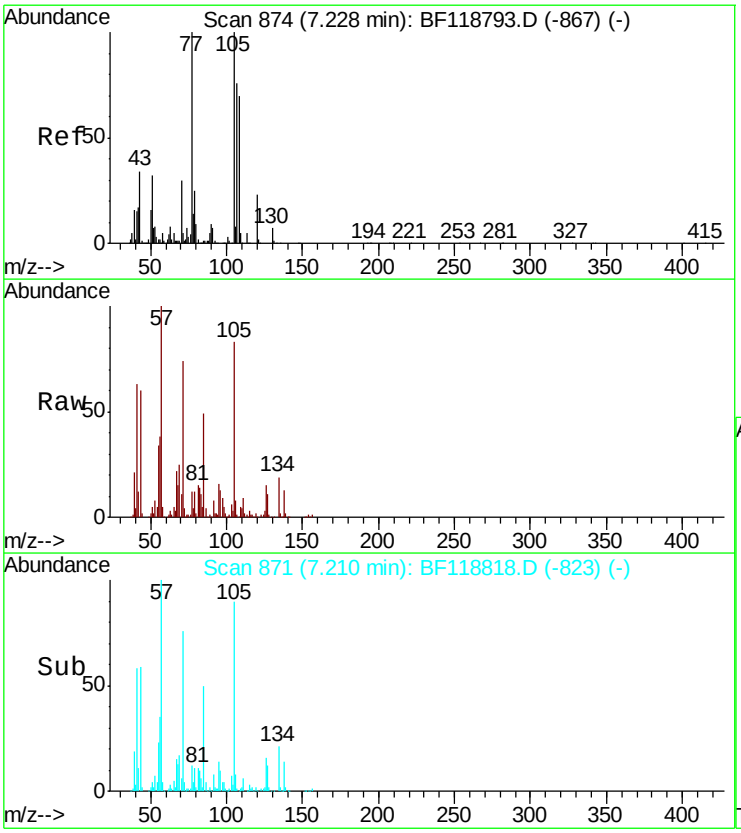
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 772093

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	9.2	5.0	7.6#
68	7.5	4.2	6.4#

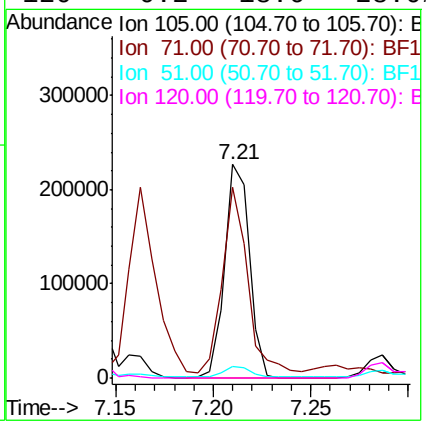


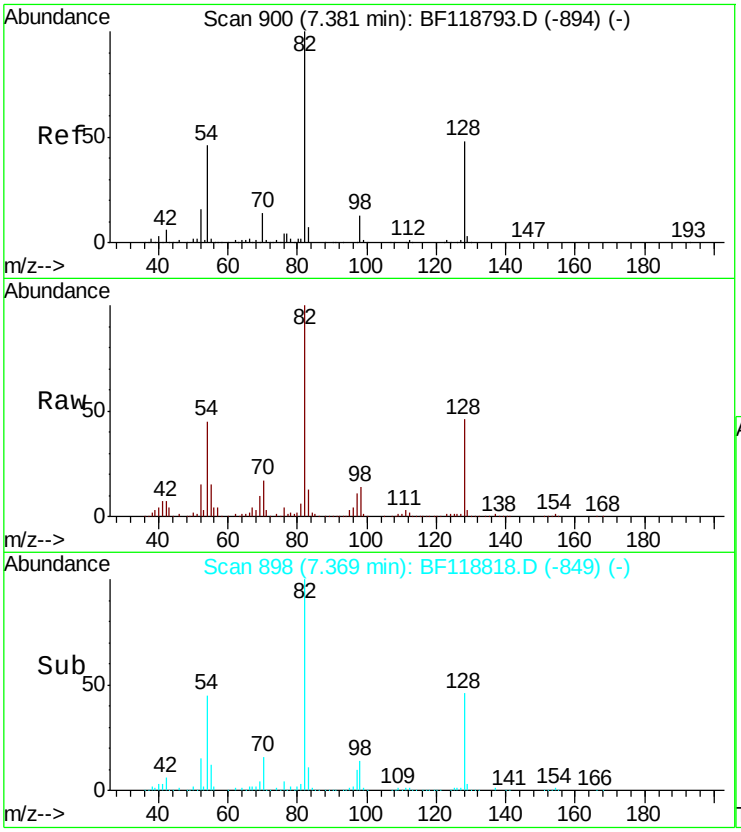


#22
Acetophenone
Concen: 12.013 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:105 Resp: 201520

Ion	Ratio	Lower	Upper
105	100		
71	89.5	4.2	6.4#
51	5.5	25.5	38.3#
120	0.2	18.6	28.0#



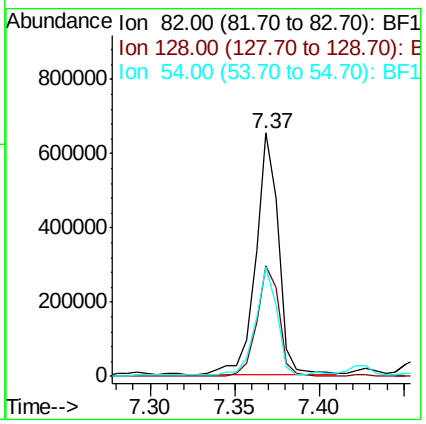


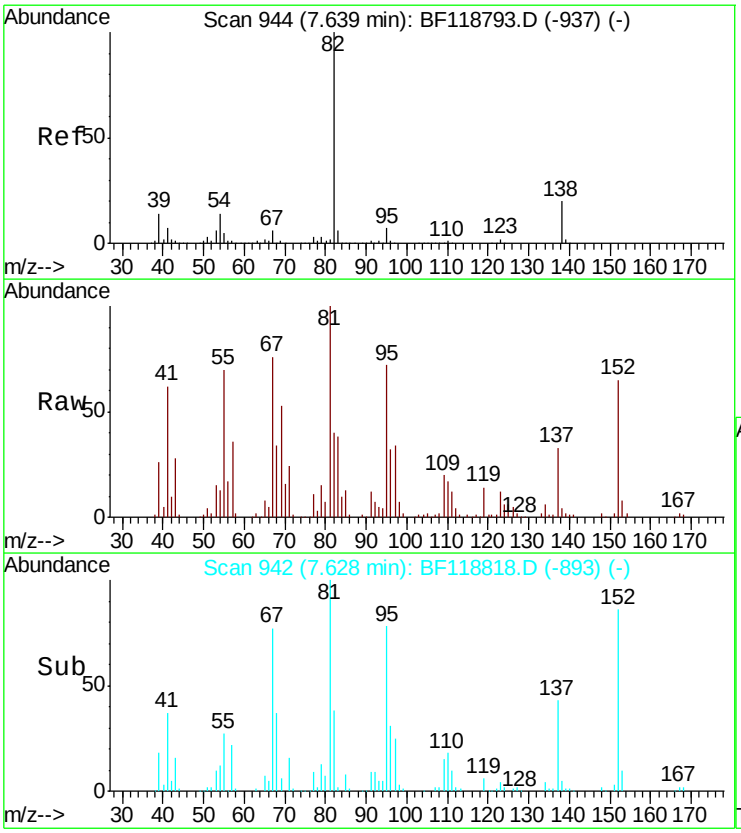
#23
Nitrobenzene-d5
Concen: 46.891 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 607409

Ion	Ratio	Lower	Upper
82	100		
128	45.5	38.5	57.7
54	45.0	36.7	55.1

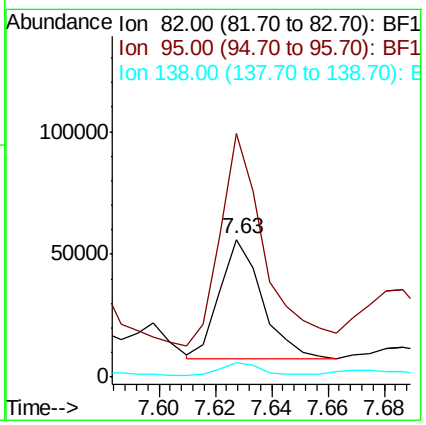


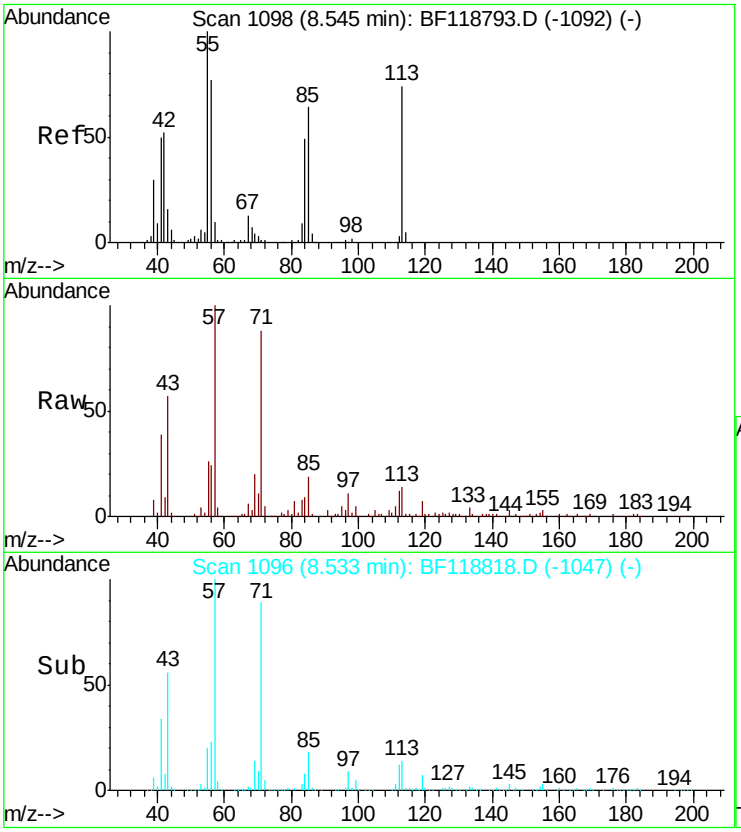


#25
Isophorone
Concen: 2.192 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion: 82 Resp: 51020

Ion	Ratio	Lower	Upper
82	100		
95	177.2	6.0	9.0#
138	10.7	15.7	23.5#



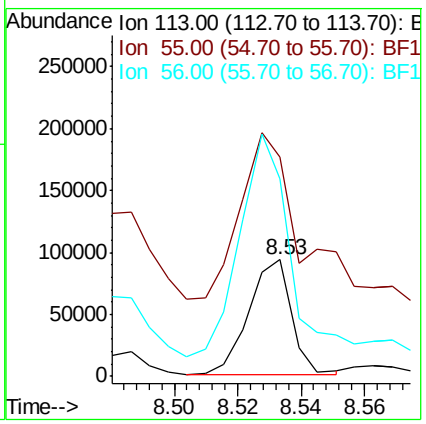


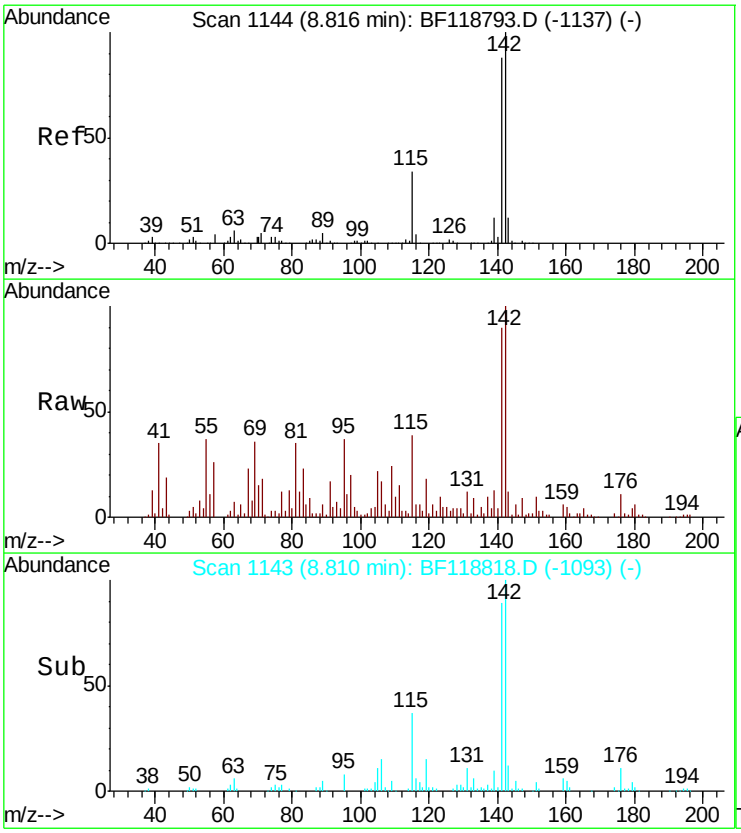
#35
Caprolactam
Concen: 23.953 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:113 Resp: 87106

Ion	Ratio	Lower	Upper
113	100		
55	188.1	115.5	155.5#
56	169.5	83.7	123.7#

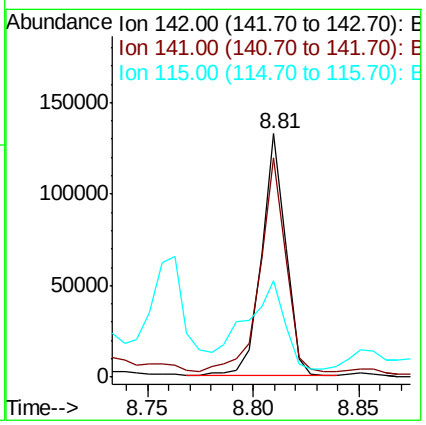


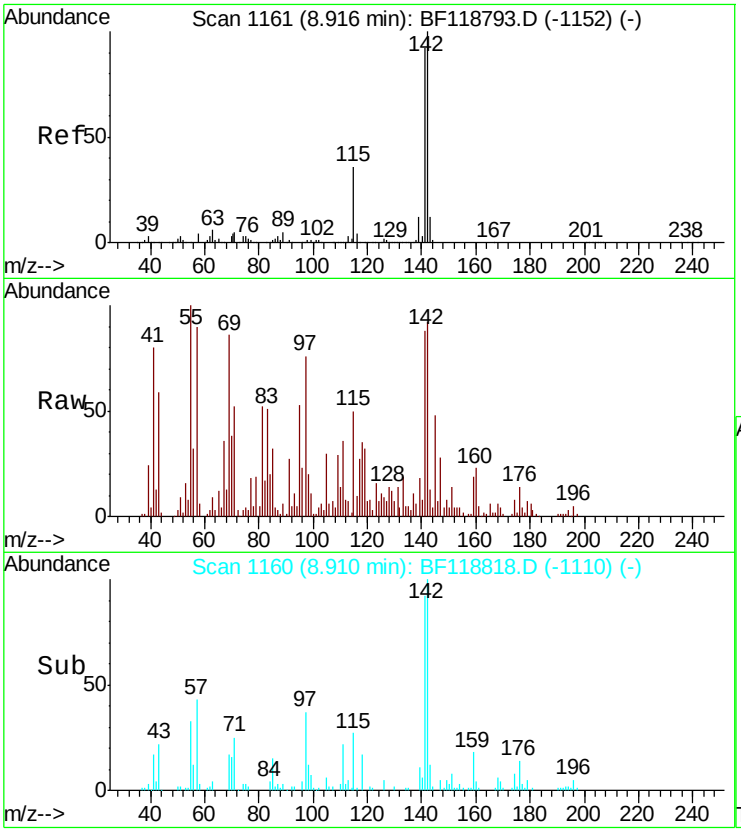


#37
2-Methylnaphthalene
Concen: 4.300 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:142 Resp: 105320

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.1	105.1
115	39.3	27.3	40.9



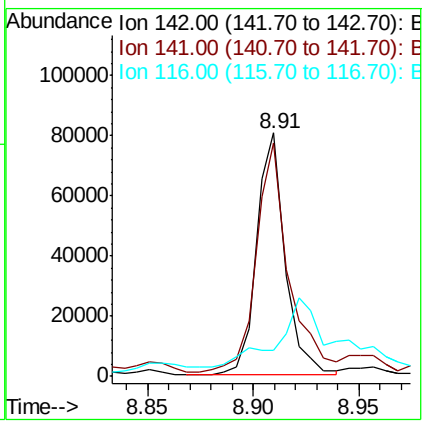


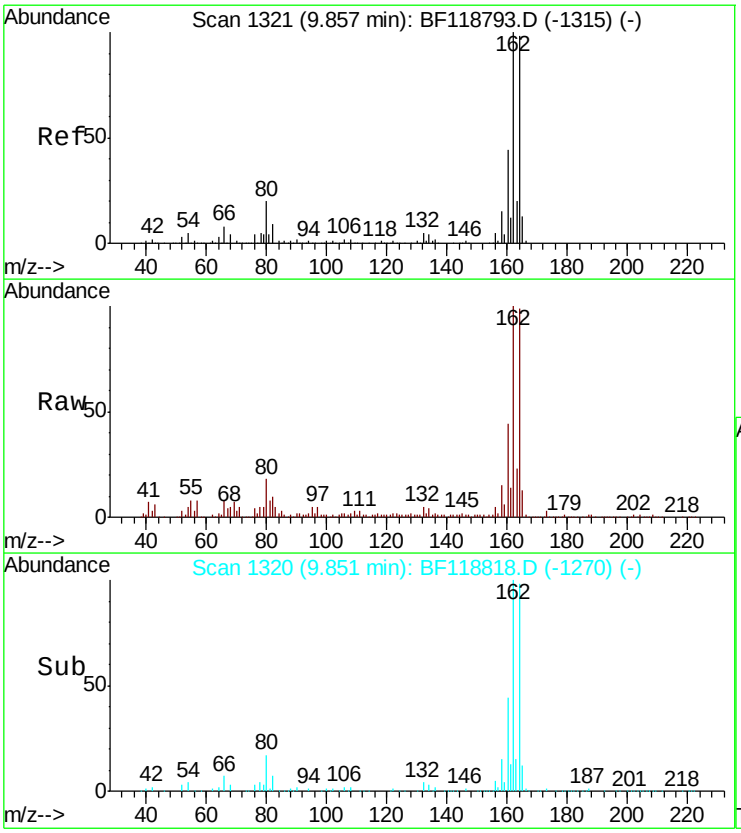
#38
1-Methylnaphthalene
Concen: 3.299 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 76016

Ion	Ratio	Lower	Upper
142	100		
141	95.6	73.8	110.6
116	10.4	3.0	4.4#

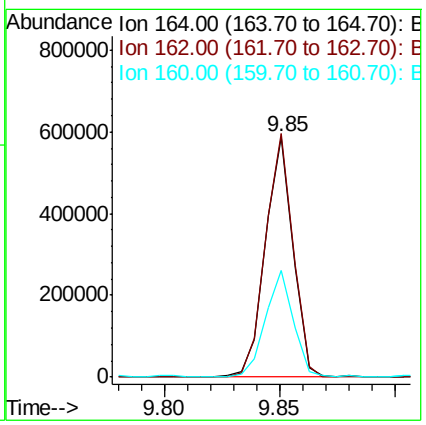


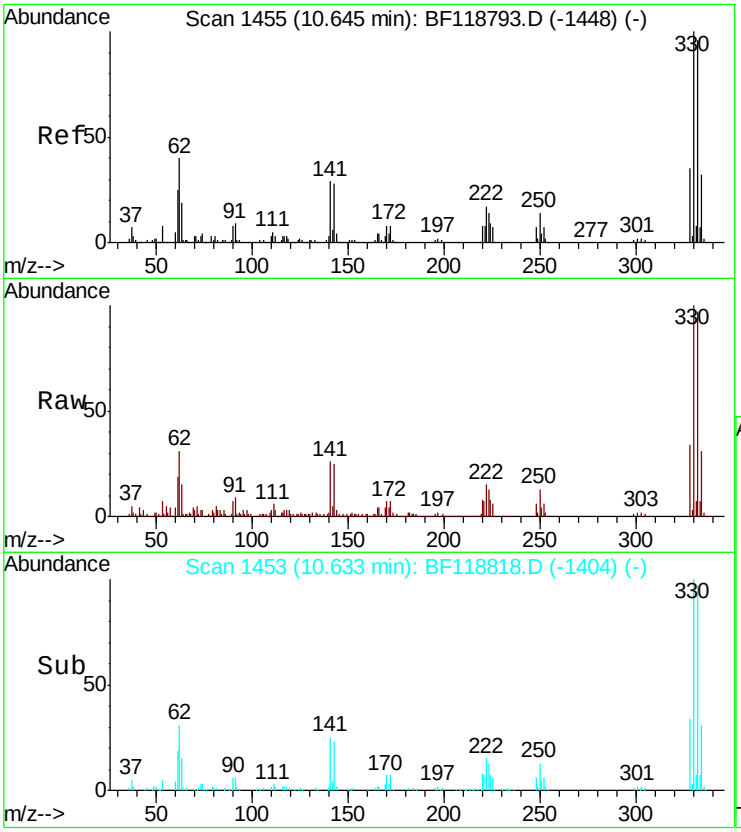


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:164 Resp: 484888

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.4	122.2
160	44.5	35.6	53.4



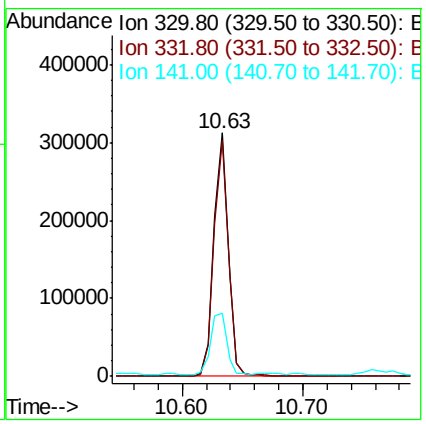


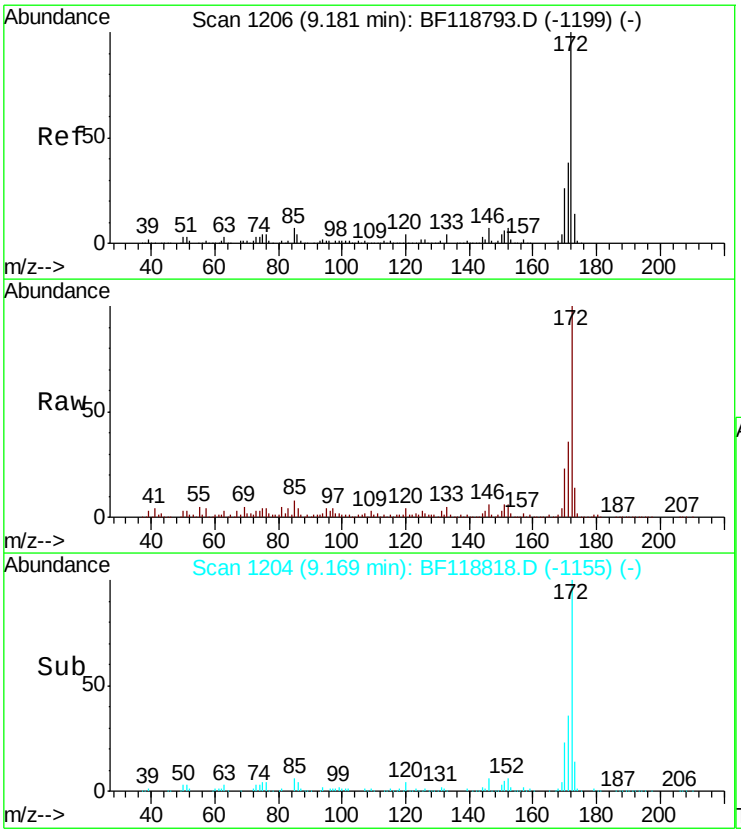
#42
2,4,6-Tribromophenol
Concen: 44.127 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 256017

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	27.5	22.4	33.6

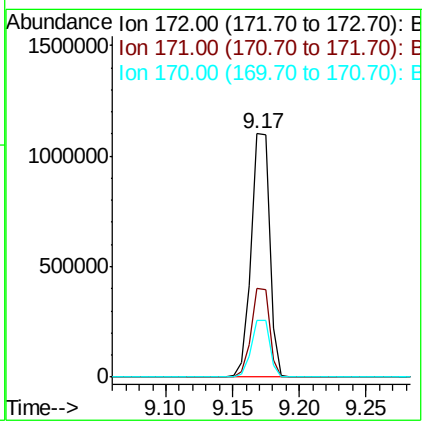


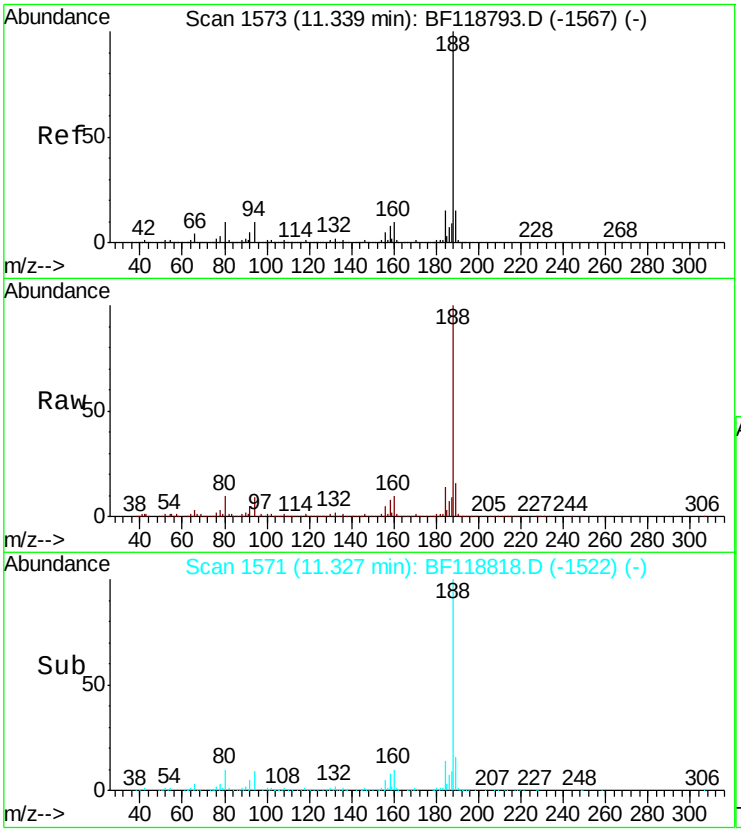


#45
2-Fluorobiphenyl
Concen: 38.101 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:172 Resp: 1033437

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	23.2	20.5	30.7



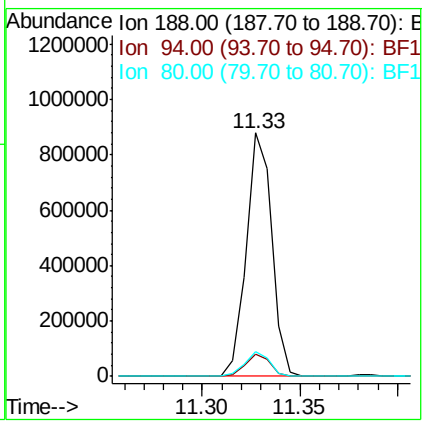


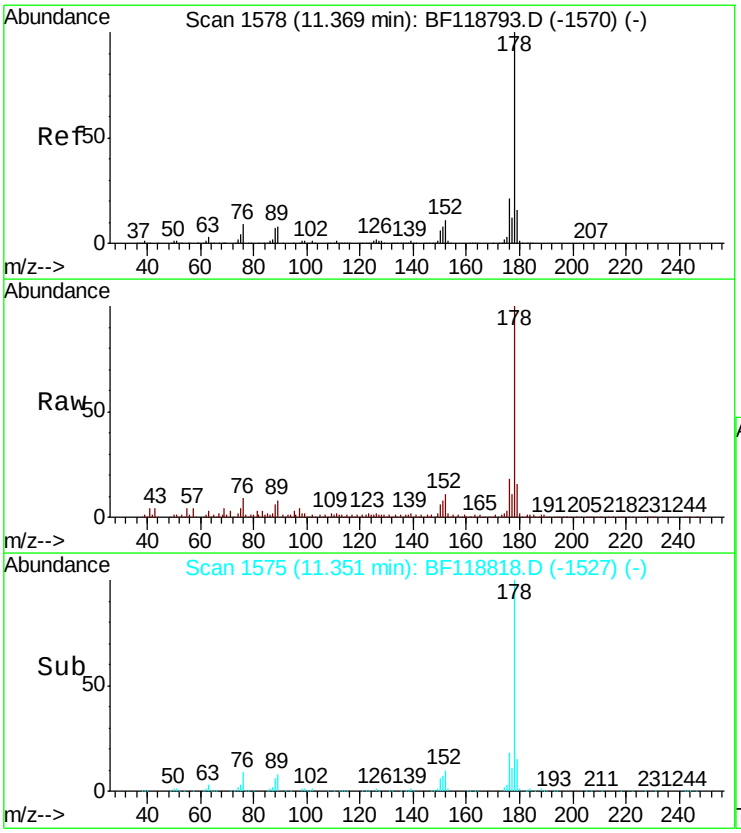
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 796025

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.0	8.4	12.6

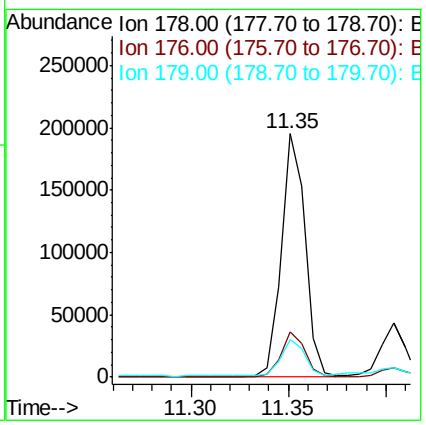


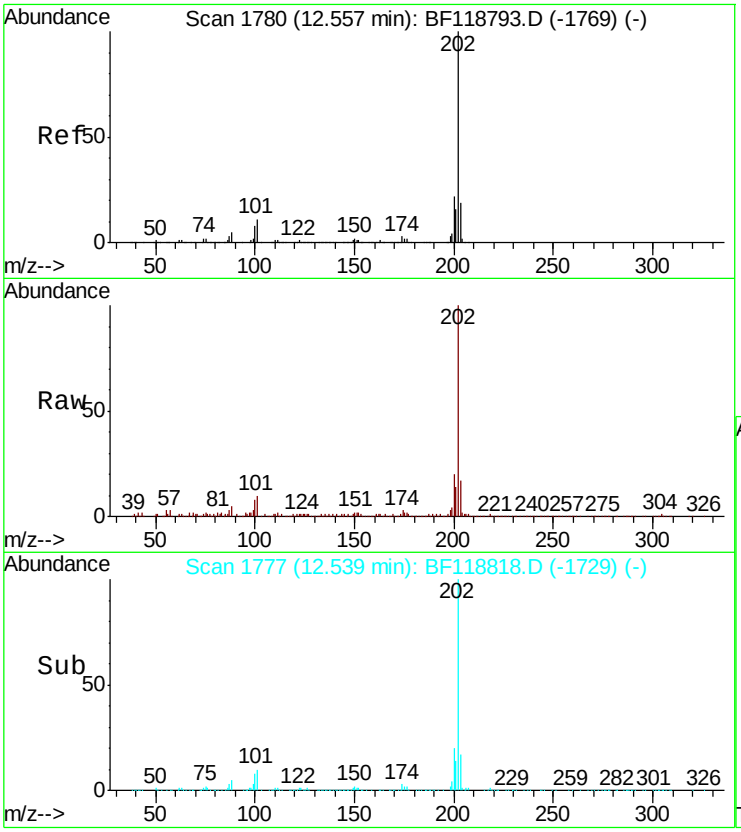


#71
Phenanthrene
Concen: 4.156 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:178 Resp: 162785

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.6	24.8
179	15.6	13.2	19.8



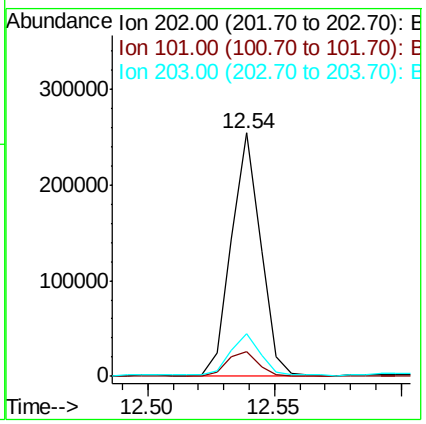


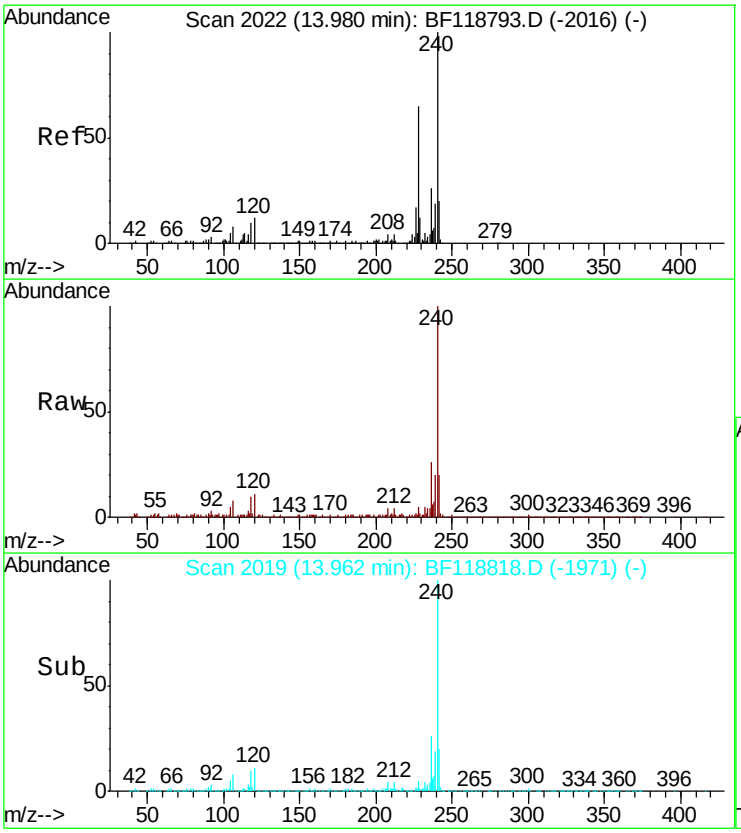
#75
Fluoranthene
Concen: 4.739 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 202639

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.0
203	17.4	0.0	38.7

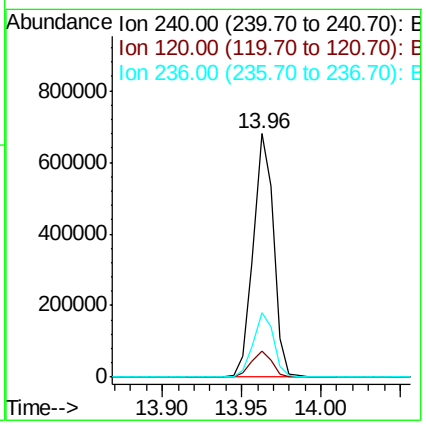


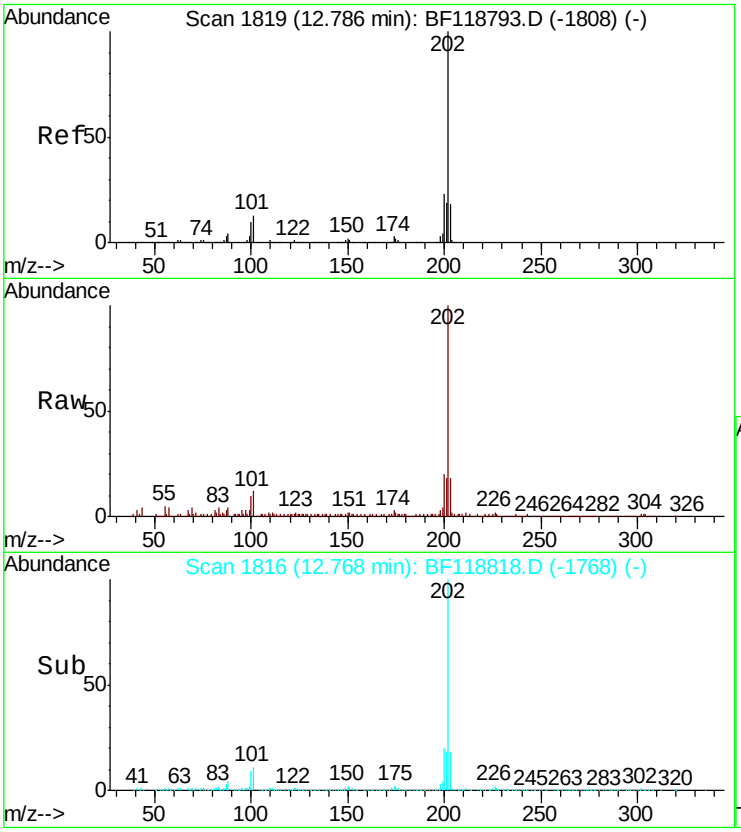


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:240 Resp: 603308

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.4	14.0
236	26.2	21.0	31.6



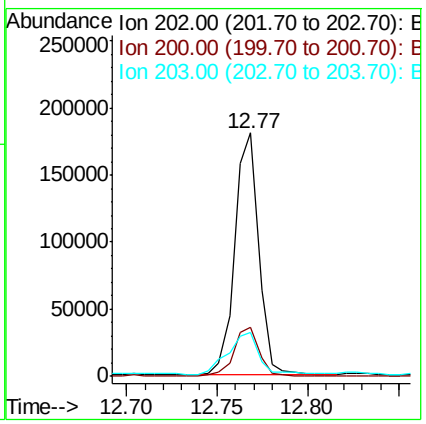


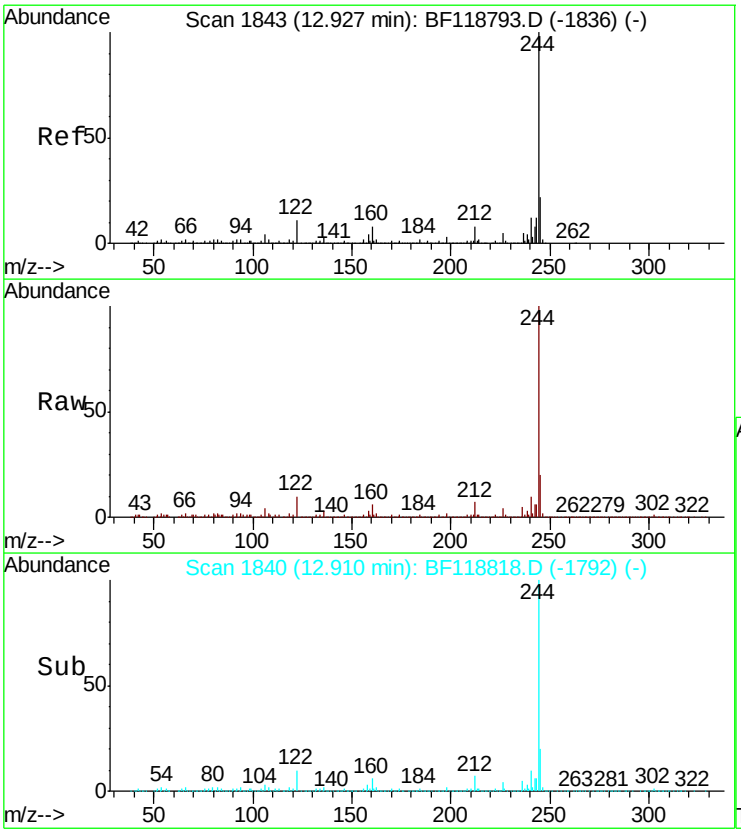
#78
Pyrene
Concen: 4.011 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 166003

Ion	Ratio	Lower	Upper
202	100		
200	20.4	18.2	27.2
203	18.1	14.8	22.2

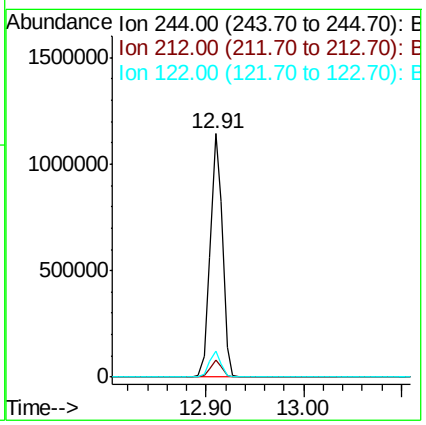


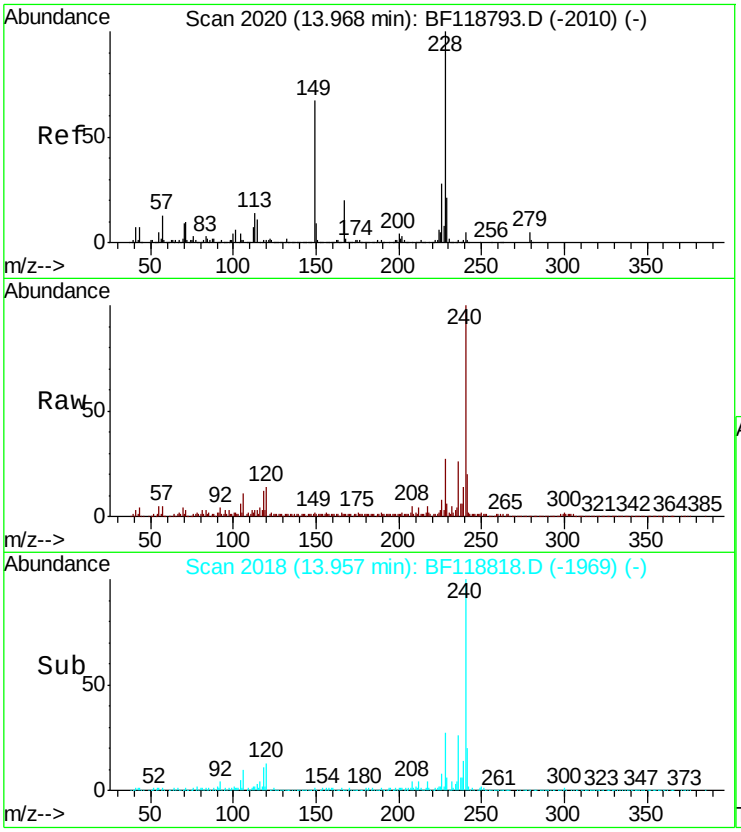


#79
Terphenyl-d14
Concen: 33.733 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:244 Resp: 990794

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	10.5	8.9	13.3



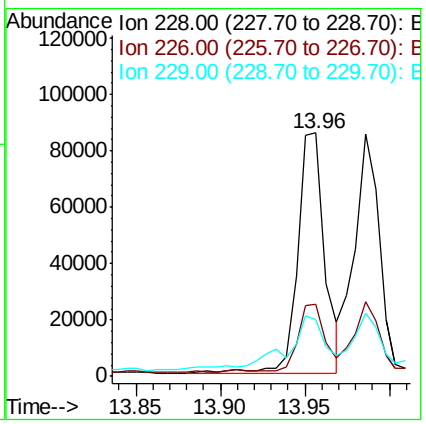


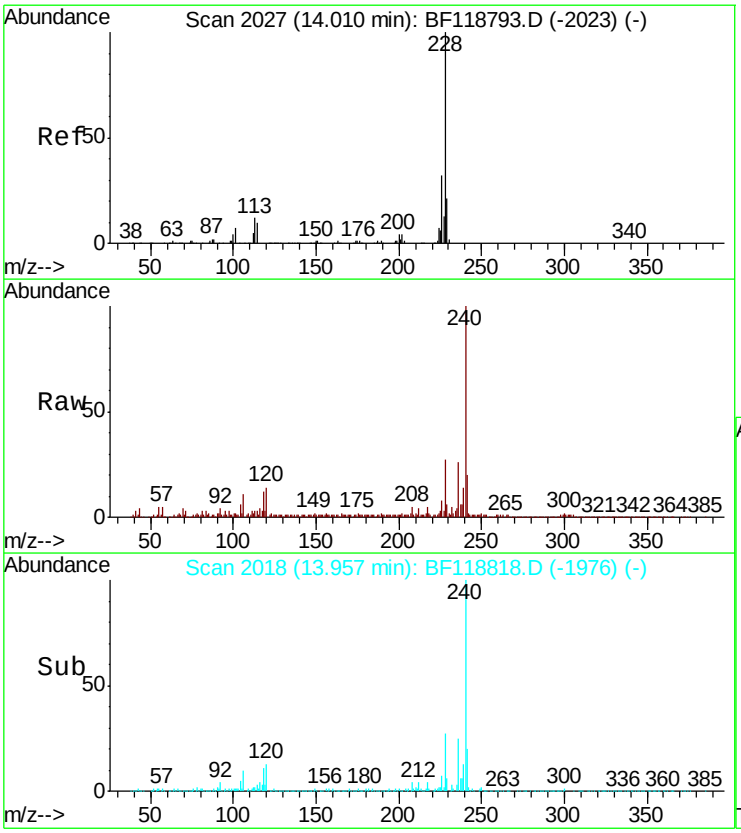
#81
Benzo(a)anthracene
Concen: 2.643 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 94874

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	23.6	16.6	25.0

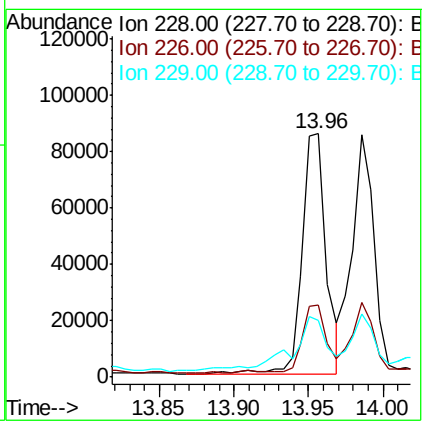


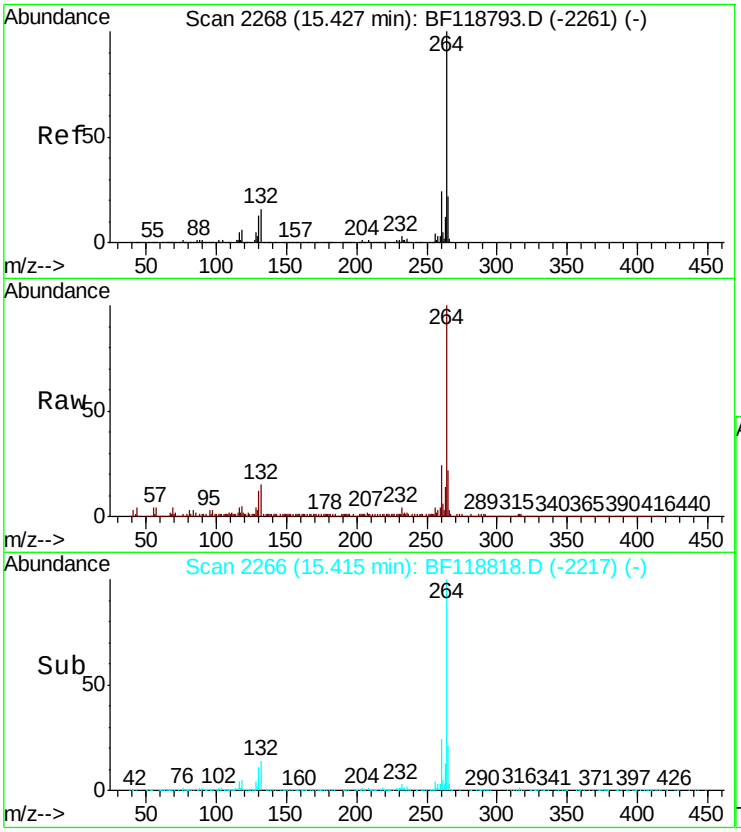


#83
Chrysene
Concen: 2.621 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.05 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:228 Resp: 94428

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	23.6	16.9	25.3



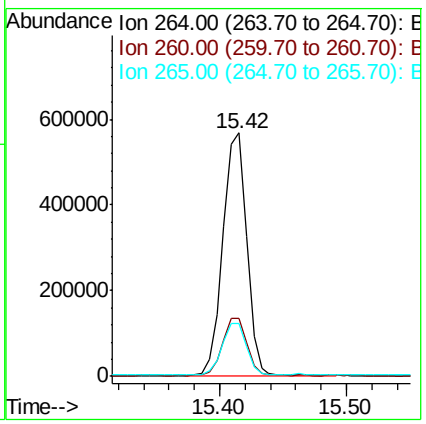


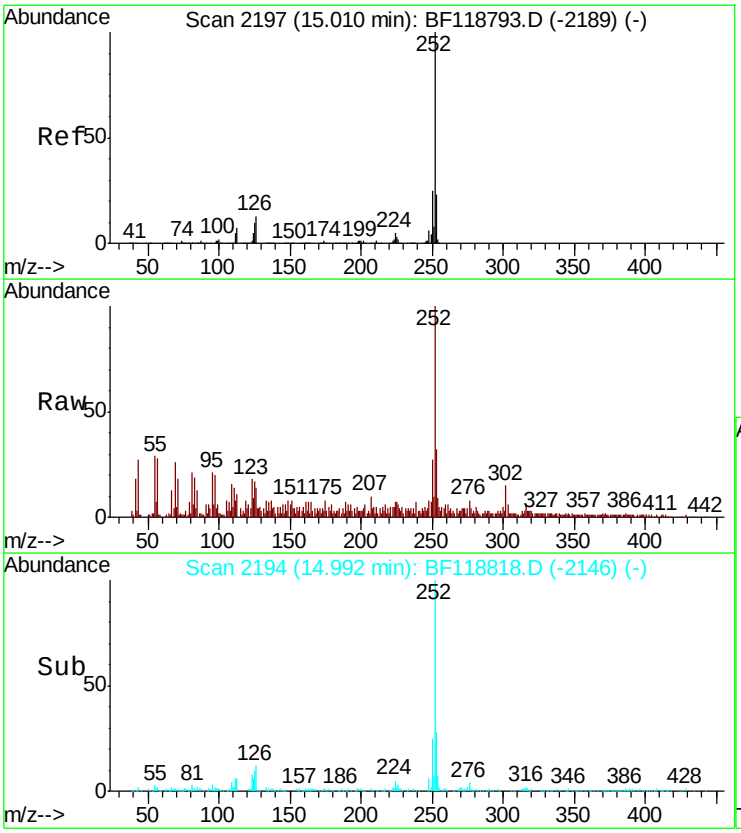
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 740313

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.8	17.2	25.8

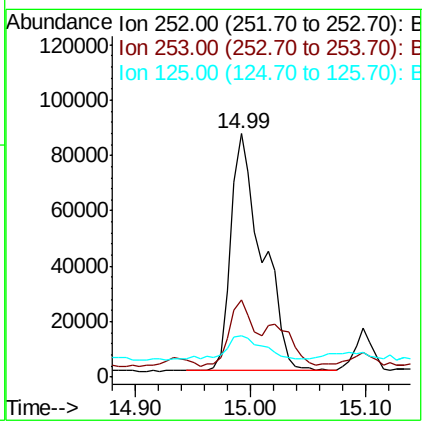


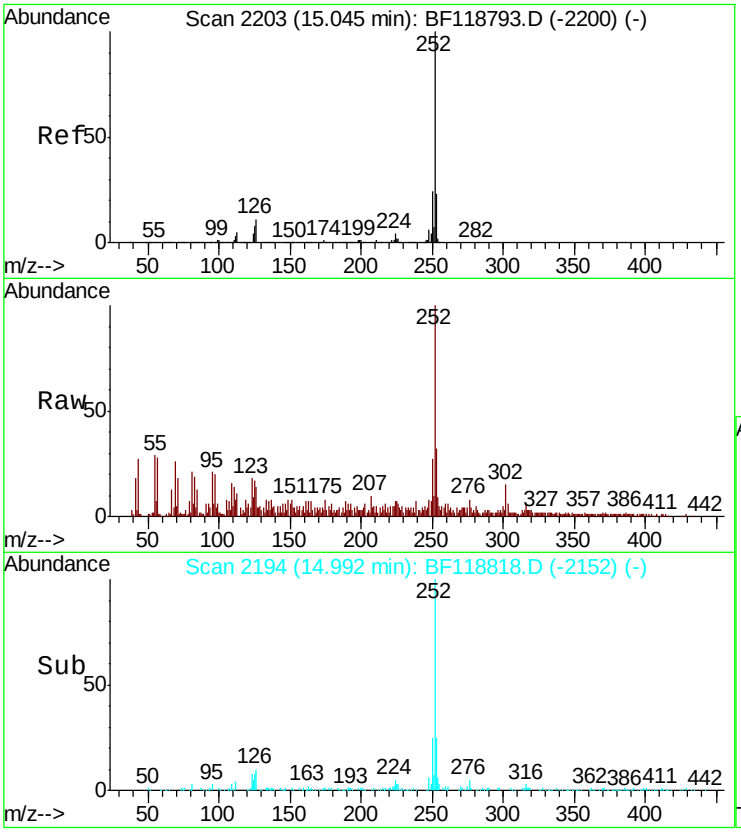


#88
Benzo(b)fluoranthene
Concen: 3.511 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:252 Resp: 161303

Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.4	27.6#
125	16.8	8.1	12.1#



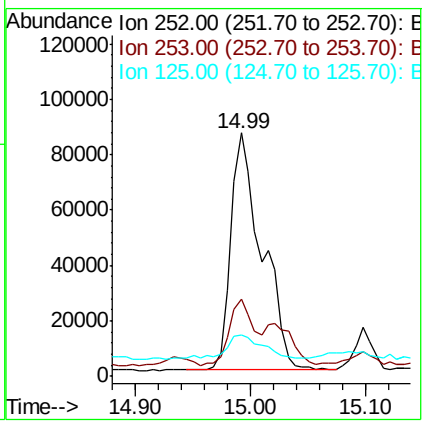


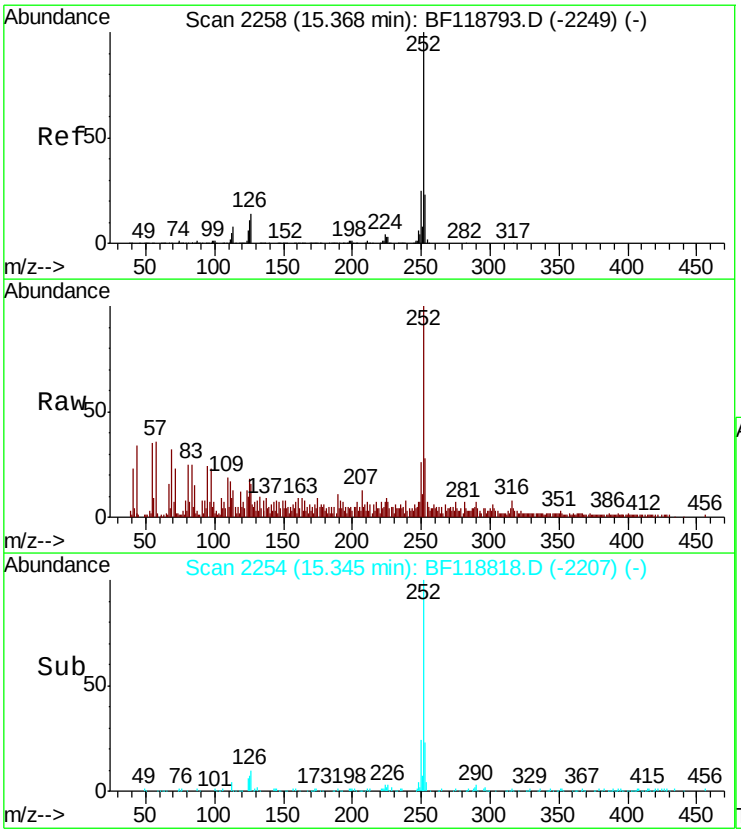
#89
Benzo(k)fluoranthene
Concen: 4.032 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 161303

Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.2	27.4#
125	16.8	7.0	10.6#





#90
Benzo(a)pyrene
Concen: 2.180 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118818.D
Acq: 4 Feb 2020 23:02

Tgt Ion:252 Resp: 85687

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.1	27.1#
125	18.4	8.7	13.1#