Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118835.D
Acq On : 6 Feb 2020 14:23
Operator : CG/JU
Sample : L1408-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 17:13:25 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	6.81	152	233949	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	822576	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	490462	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	974117	20.00	ng		-0.01
76) Chrysene-d12	13.96	240	793872	20.00	ng		-0.02
87) Perylene-d12	15.41	264	762924	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1068875	86.48	ng		0.00
7) Phenol-d6	6.45	99	1300268	84.75	ng		0.00
23) Nitrobenzene-d5	7.37	82	871502	63.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	527517	89.89	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	1680679	61.26	ng		-0.01
79) Terphenyl-d14	12.92	244	2175458	56.29	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.36	77	557	Below Cal			94
10) Phenol	6.45	94	41365	2.425	ng		80
19) n-Nitroso-di-n-propylamine	7.37	70	119045	12.682	ng	#	76
25) Isophorone	7.37	82	871494	35.138	ng	#	63
50) Dimethylphthalate	9.56	163	116636	3.493	ng		98
51) 2,6-Dinitrotoluene	9.85	165	64545	8.447	ng	#	30
57) 2,4-Dinitrotoluene	9.85	165	64792	6.407	ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	33803	2.933	ng	#	1
71) Phenanthrene	11.35	178	277996	5.800	ng		96
75) Fluoranthene	12.54	202	437725	8.365	ng		98
78) Pyrene	12.77	202	397902	7.306	ng		96
81) Benzo(a)anthracene	13.96	228	180617	3.823	ng		99
83) Chrysene	13.99	228	167713	3.537	ng		96
84) Bis(2-ethylhexyl)phthalate	13.95	149	63142	2.002	ng		99
88) Benzo(b)fluoranthene	14.99	252	243973	5.154	ng		99
89) Benzo(k)fluoranthene	14.99	252	243973	5.918	ng	#	98
90) Benzo(a)pyrene	15.34	252	127261	3.141	ng		99
92) Benzo(g,h,i)perylene	17.27	276	77356	2.236	ng		95

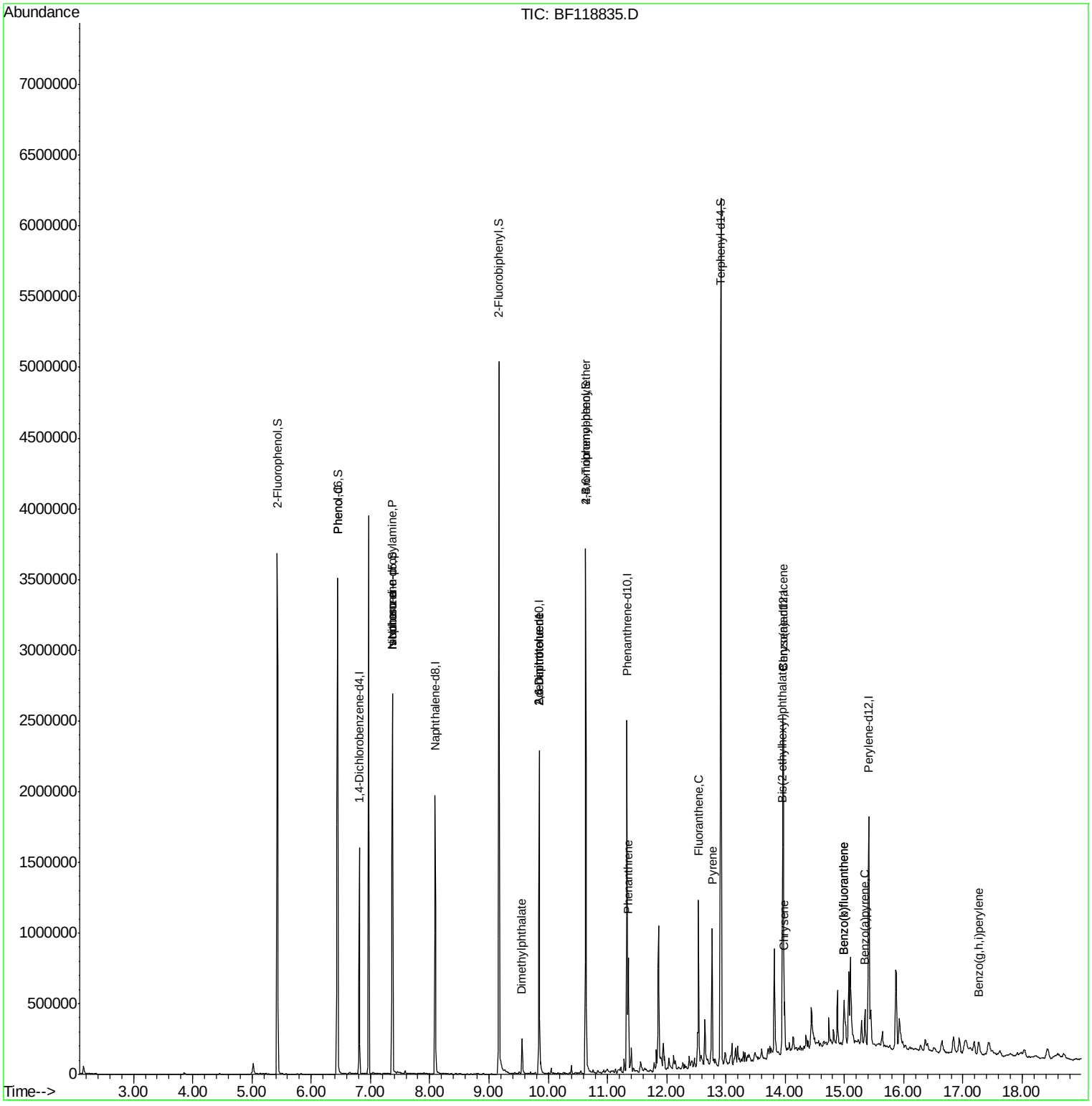
(#) = qualifier out of range (m) = manual integration (+) = signals summed

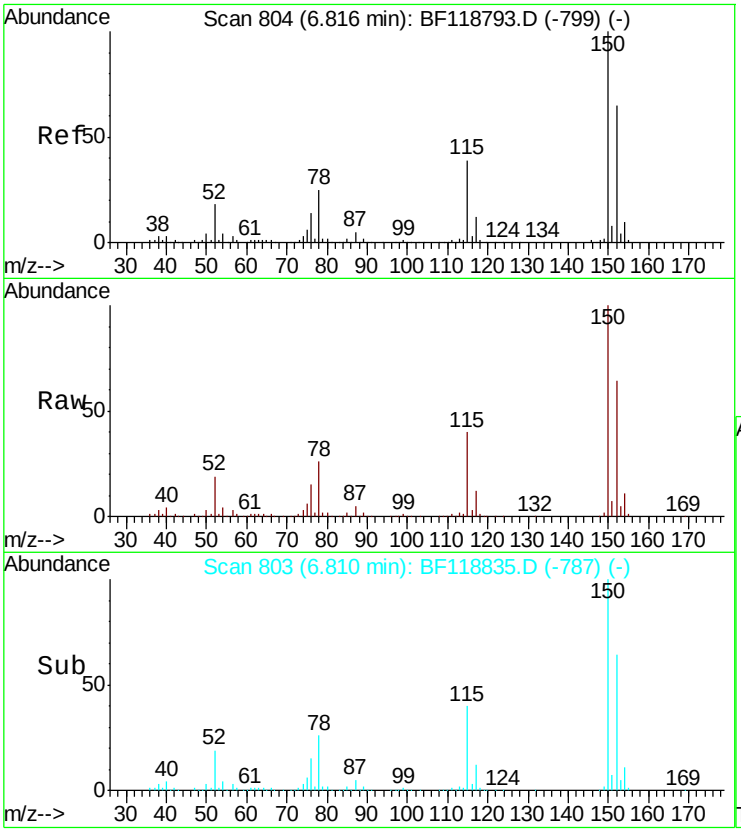
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118835.D
Acq On : 6 Feb 2020 14:23
Operator : CG/JU
Sample : L1408-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 17:13:25 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



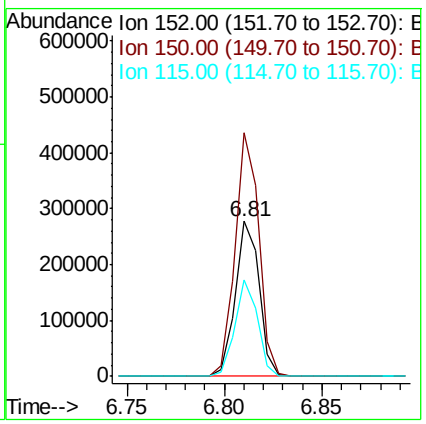


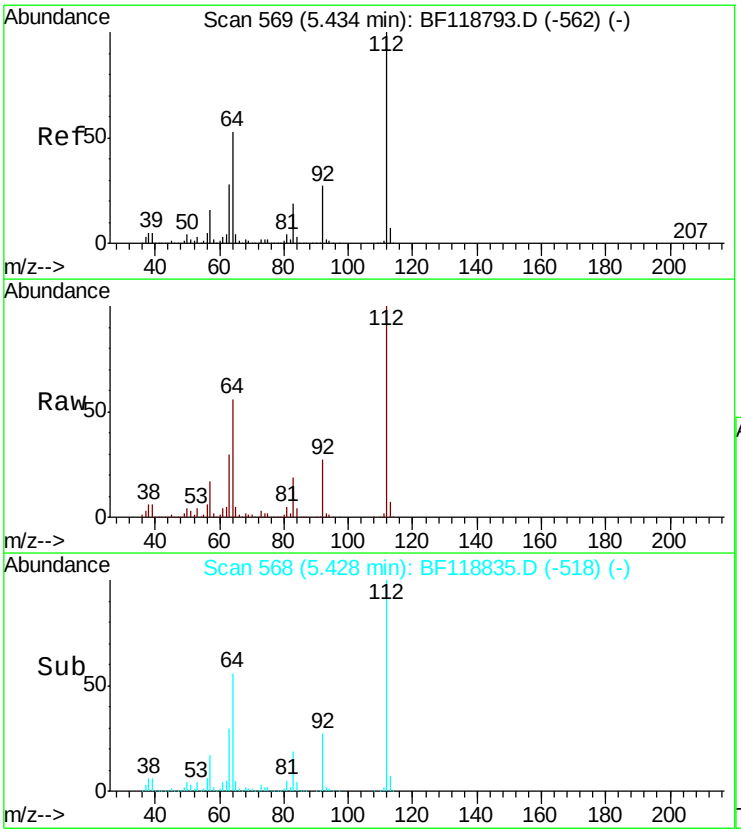
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 233949

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.6	185.4
115	62.2	48.2	72.2

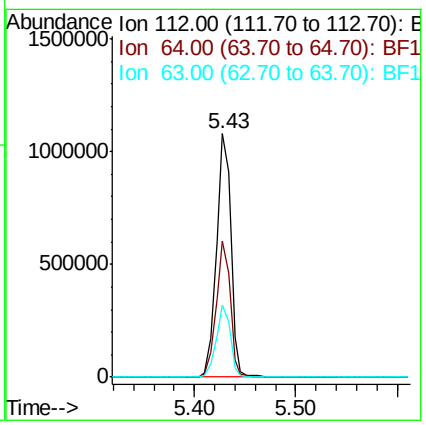


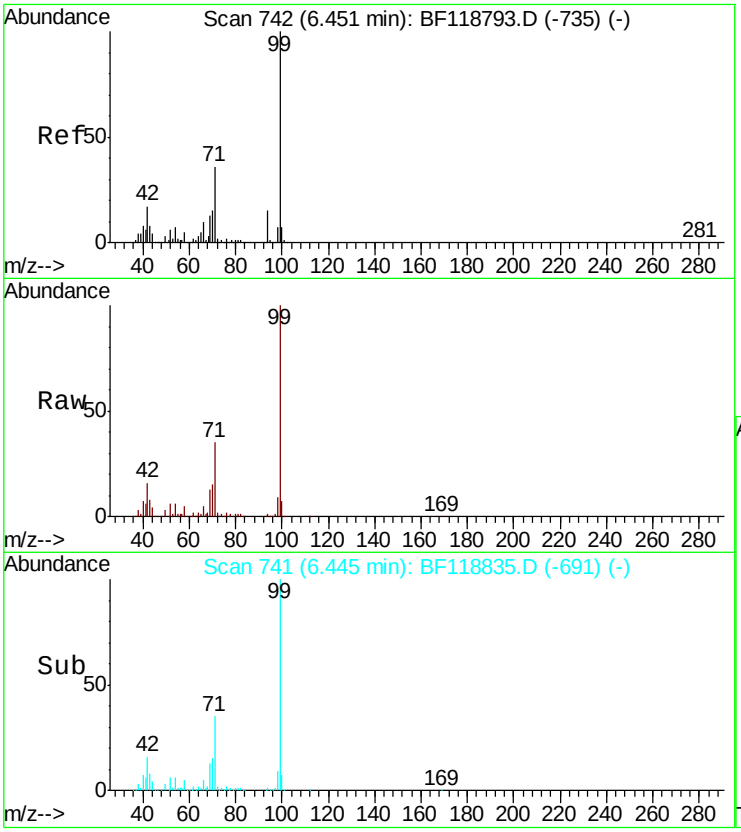


#5
2-Fluorophenol
Concen: 86.485 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:112 Resp: 1068875

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.6	63.8
63	29.9	22.2	33.4



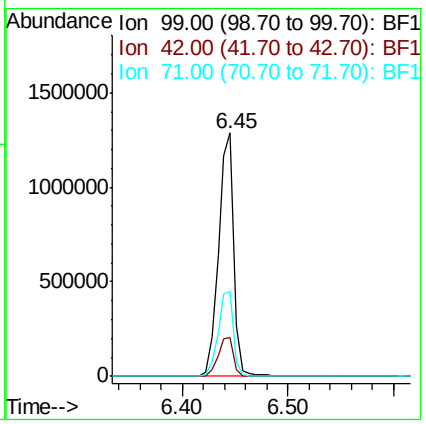


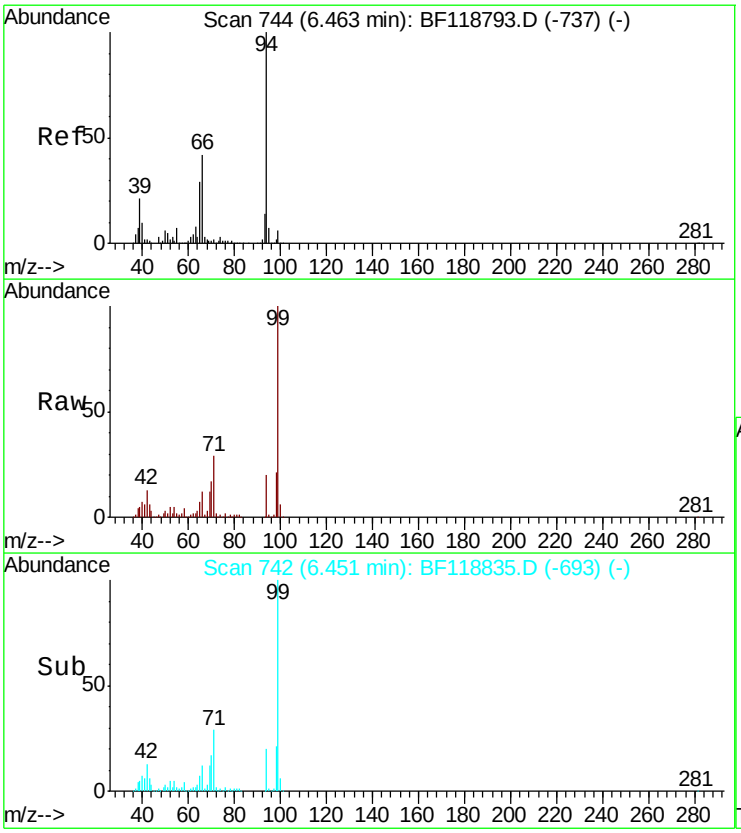
#7
Phenol-d6
Concen: 84.752 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1300268

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.0
71	35.1	29.0	43.6

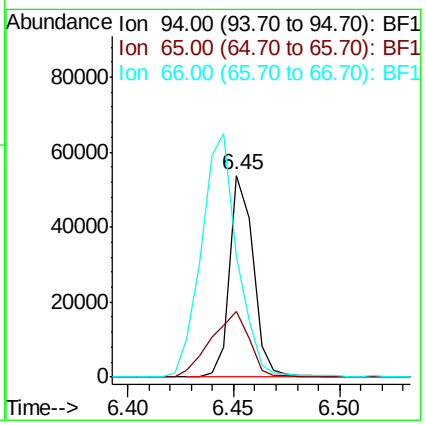


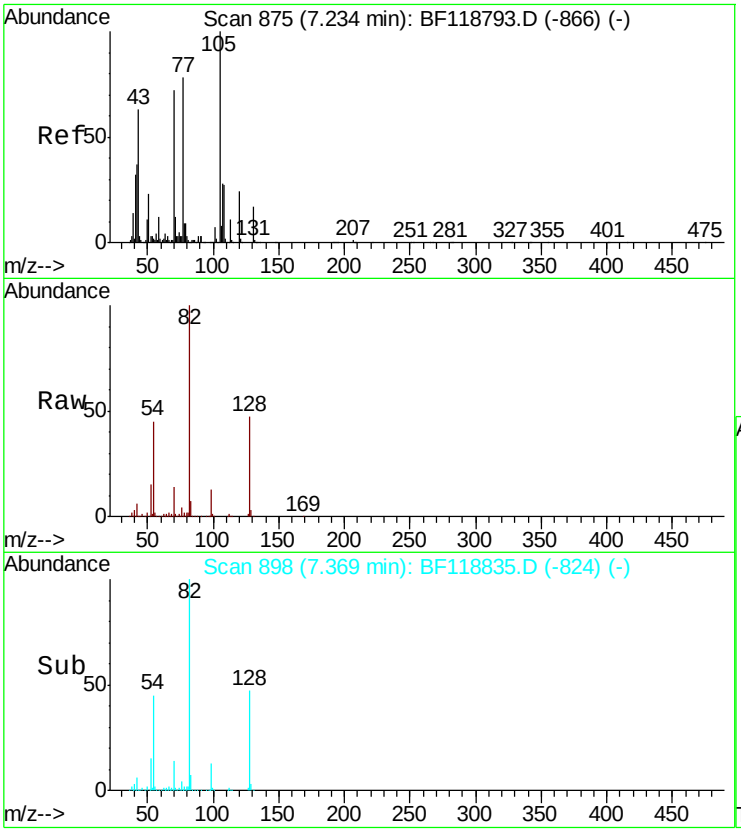


#10
Phenol
Concen: 2.425 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion: 94 Resp: 41365

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.1	49.1
66	60.0	21.7	61.7



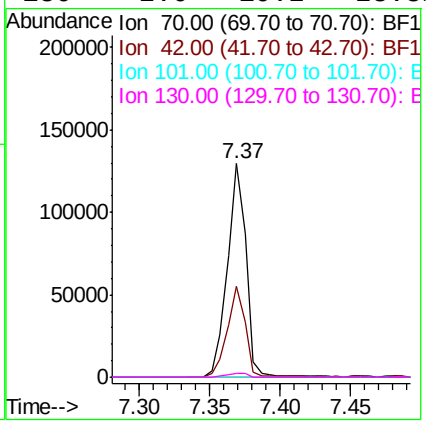


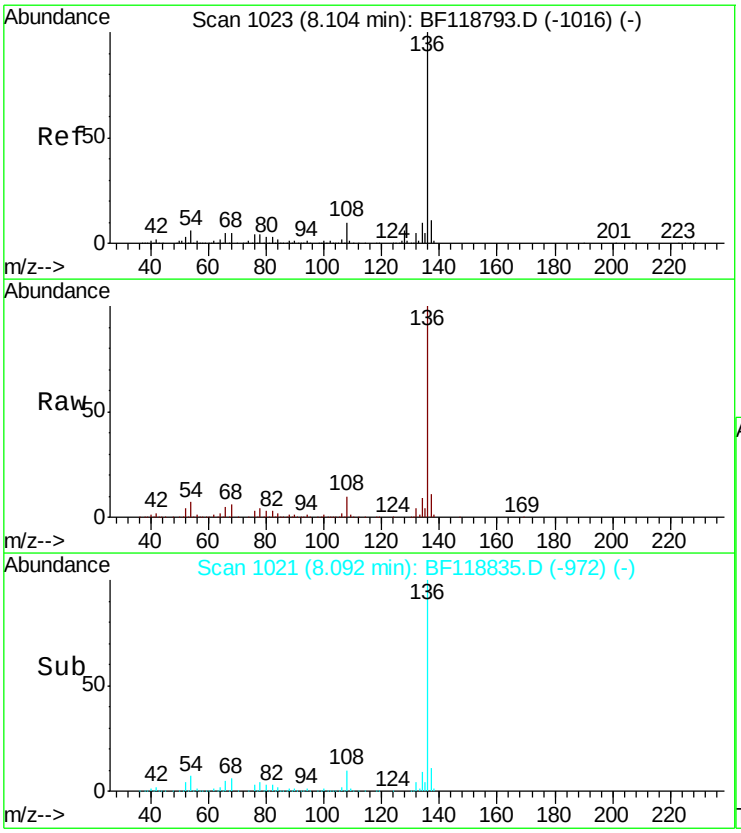
#19
n-Nitroso-di-n-propylamine
Concen: 12.682 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 119045

Ion	Ratio	Lower	Upper
70	100		
42	42.6	41.5	62.3
101	0.0	8.3	12.5#
130	2.0	19.2	28.8#

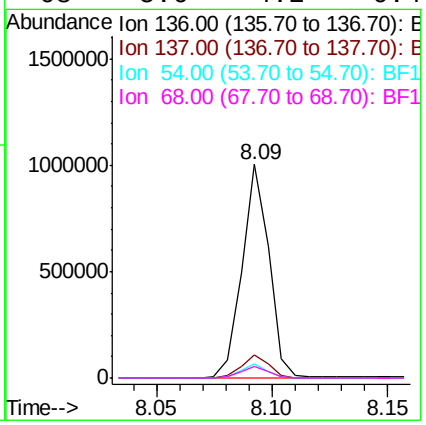


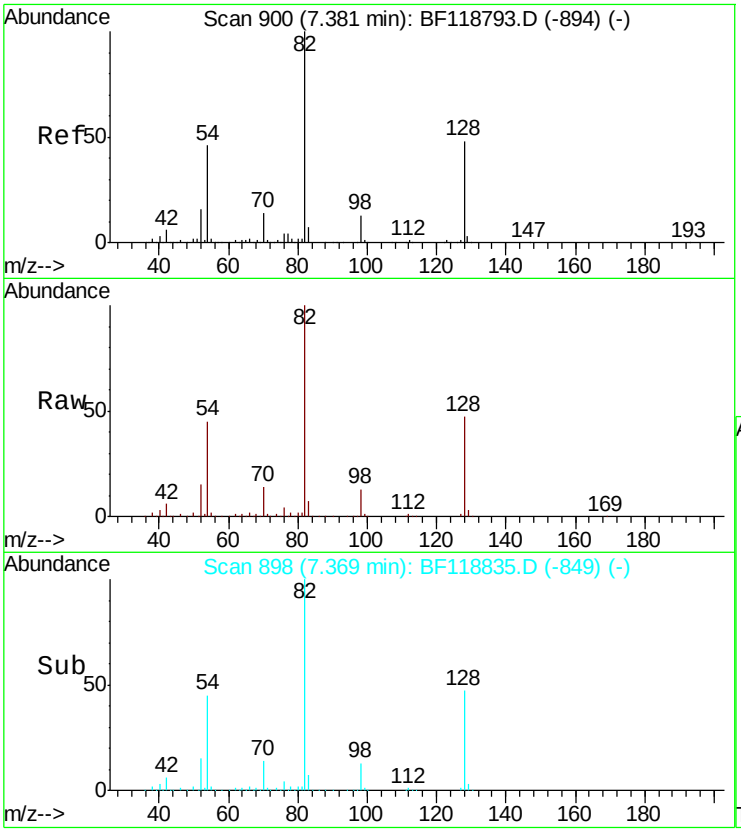


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:136 Resp: 822576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.0	7.6
68	5.6	4.2	6.4



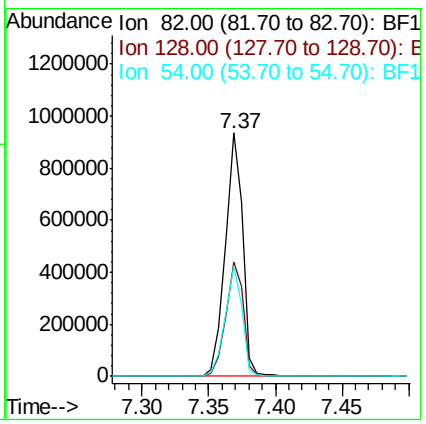


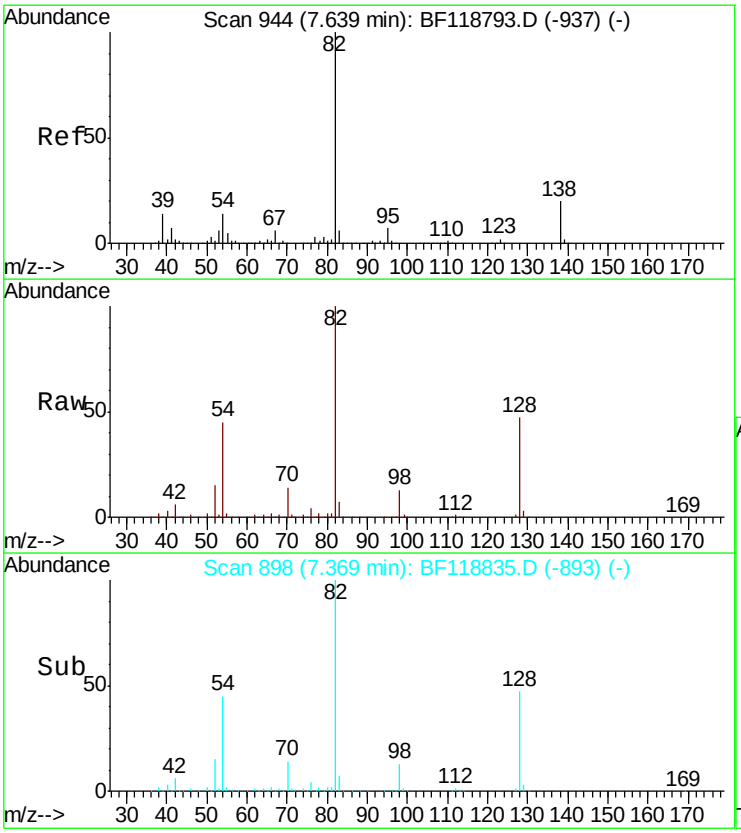
#23
Nitrobenzene-d5
Concen: 63.150 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 871502

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.5	57.7
54	45.4	36.7	55.1

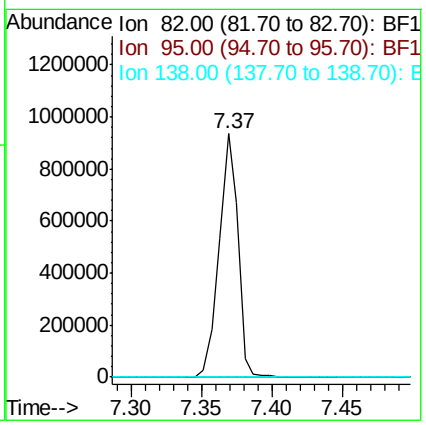


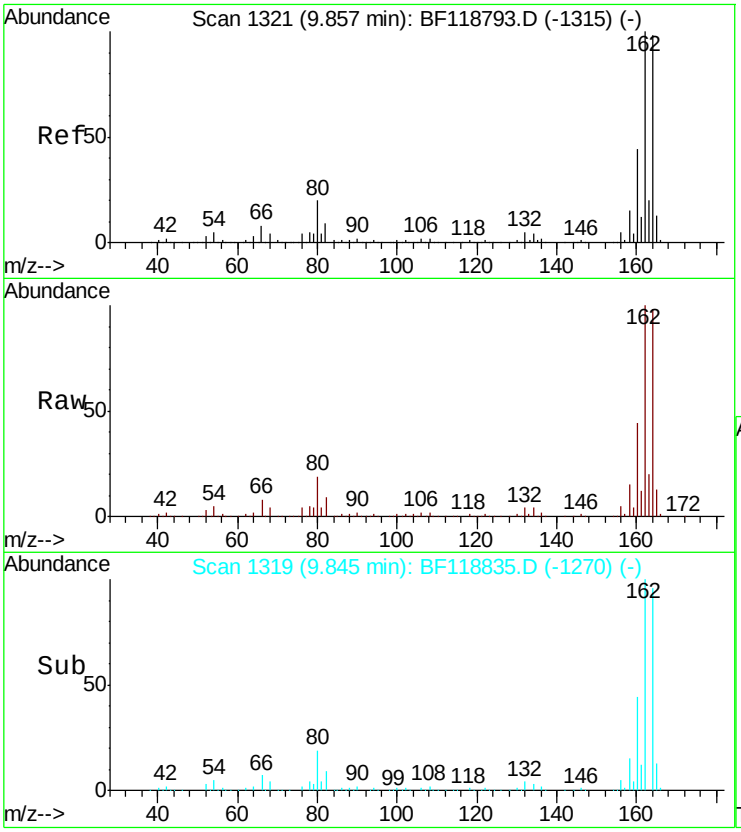


#25
Isophorone
Concen: 35.138 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion: 82 Resp: 871494

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



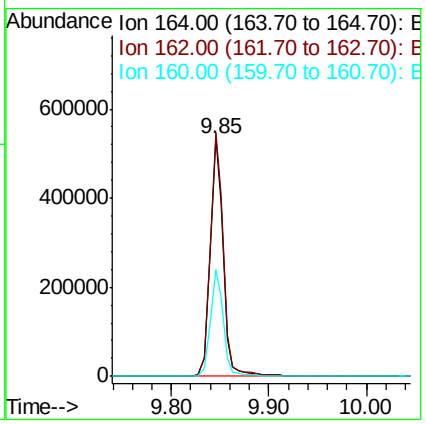


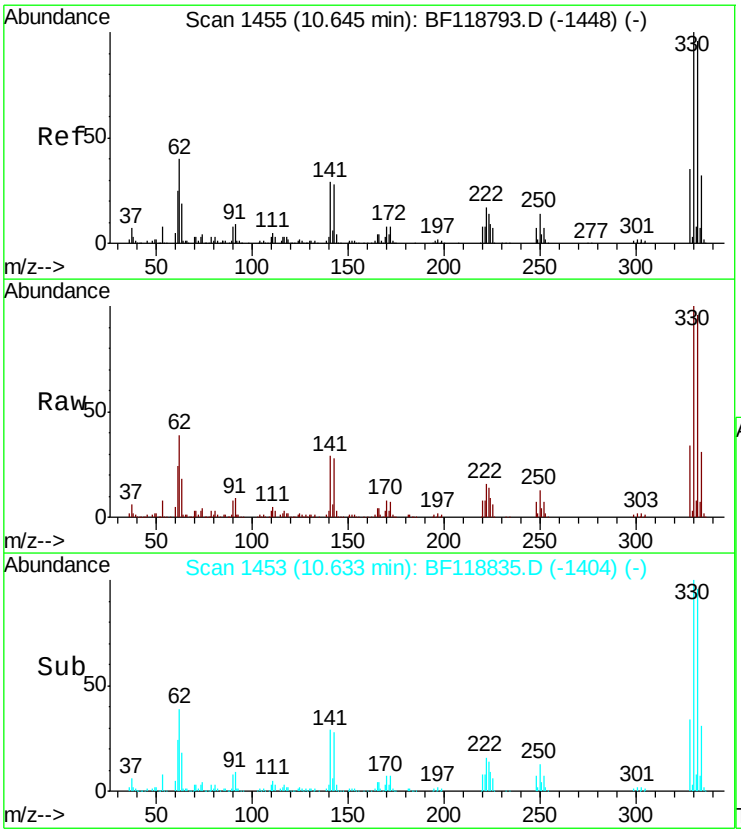
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 490462

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	45.1	35.6	53.4

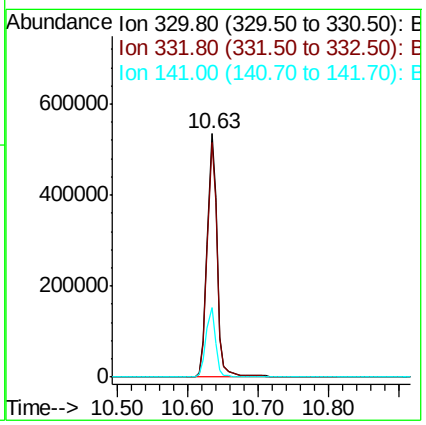


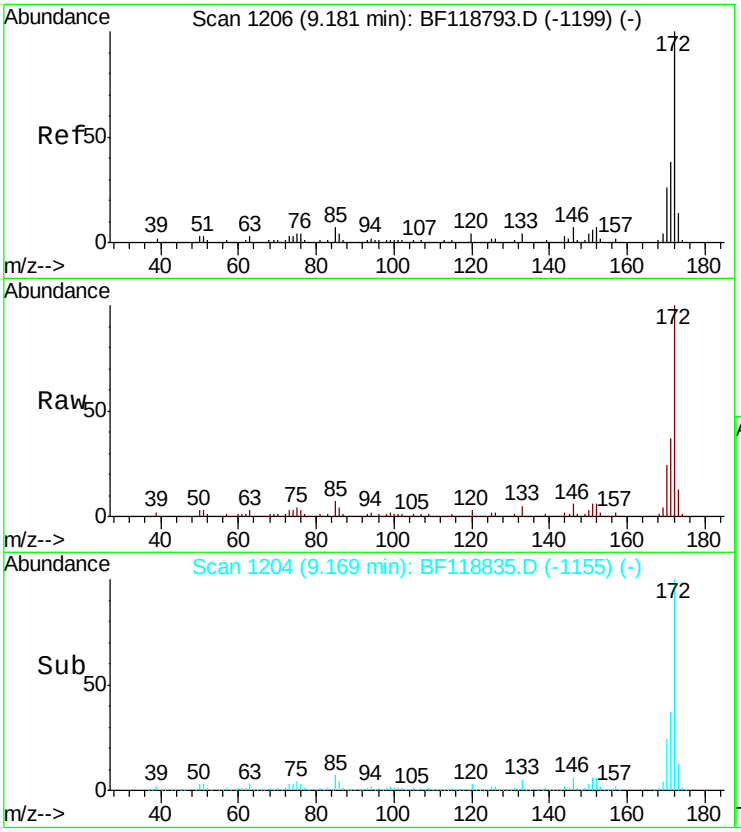


#42
2,4,6-Tribromophenol
Concen: 89.889 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:330 Resp: 527517

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	27.4	22.4	33.6



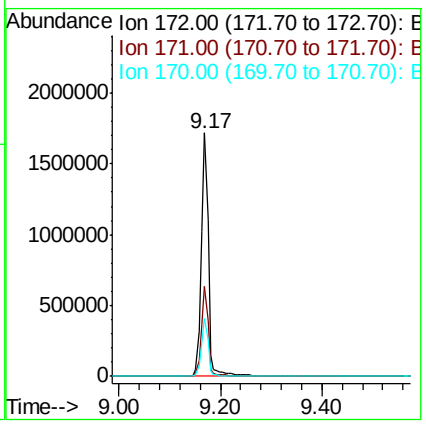


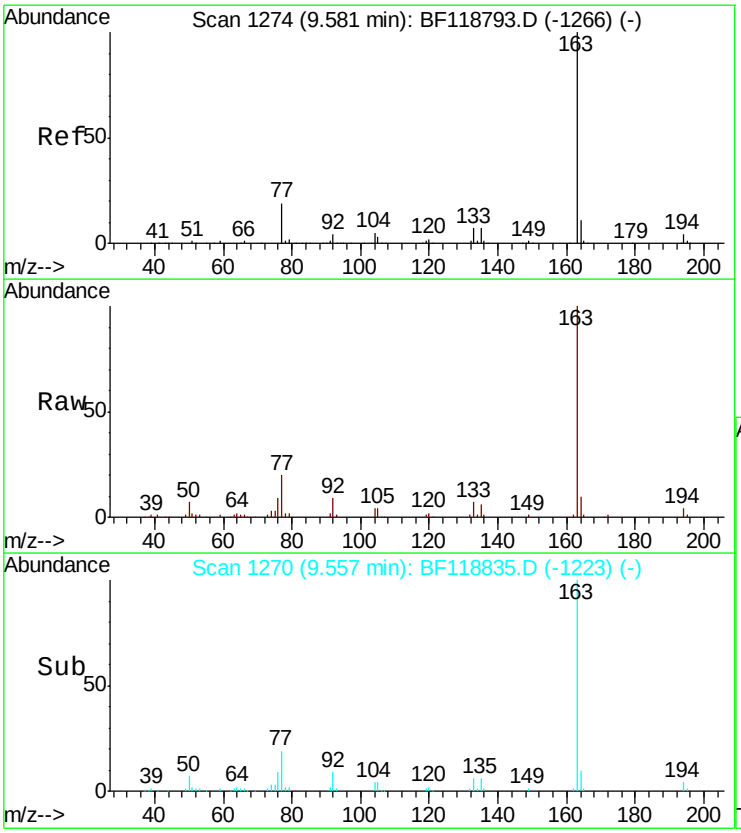
#45
2-Fluorobiphenyl
Concen: 61.259 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1680679

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.8	46.2
170	23.9	20.5	30.7

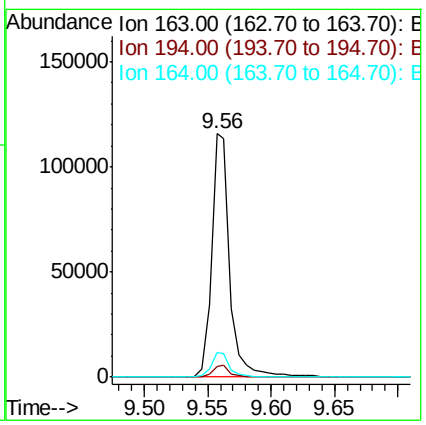


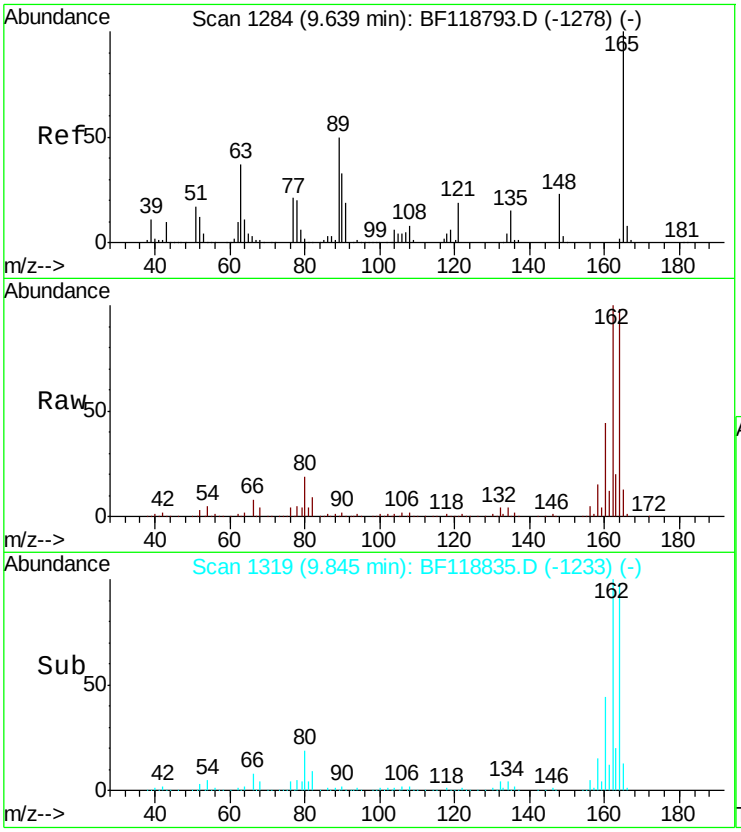


#50
Dimethylphthalate
Concen: 3.493 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:163 Resp: 116636

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.0	8.7	13.1



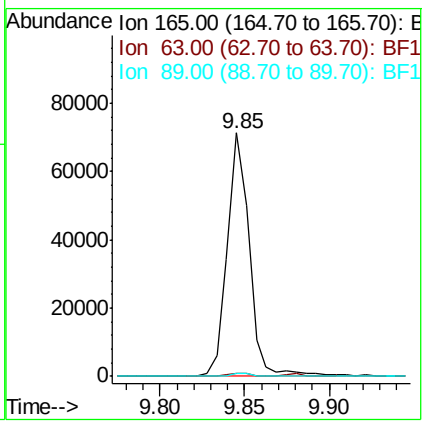


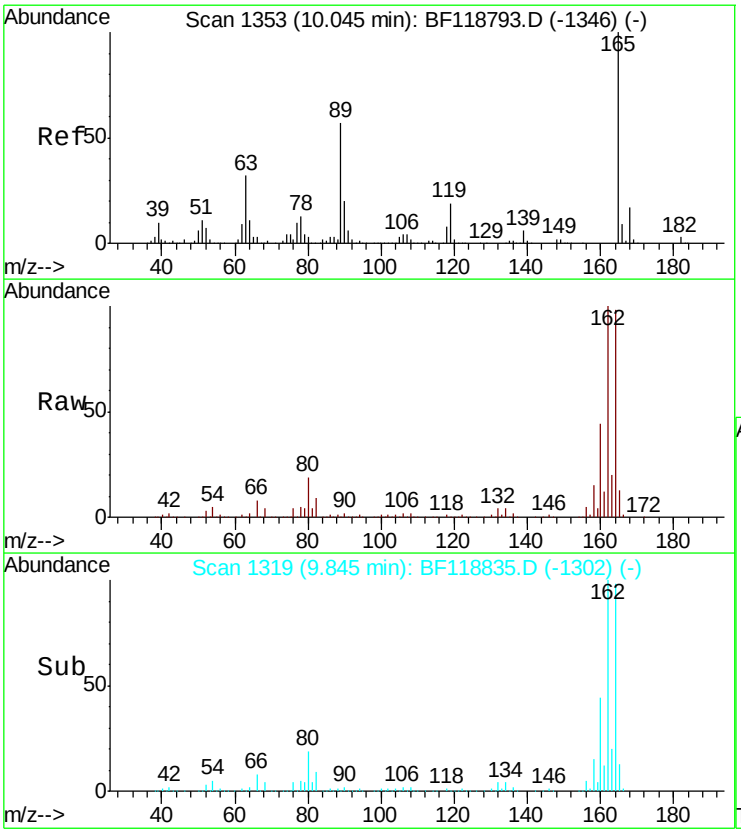
#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 64545

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.3	39.7	59.5#

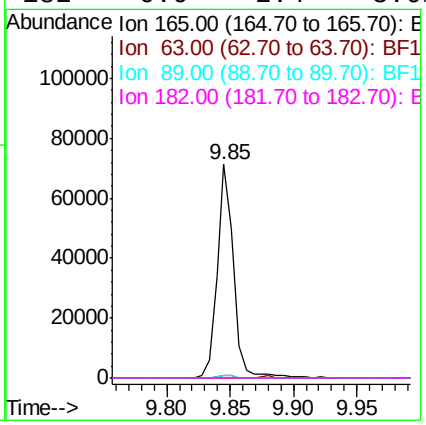


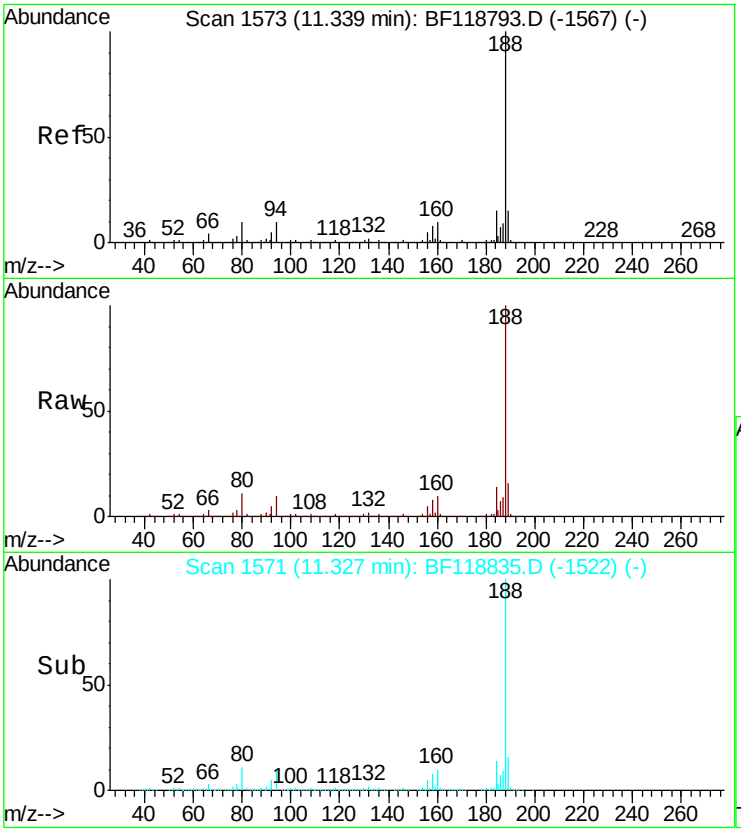


#57
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:165 Resp: 64792

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#



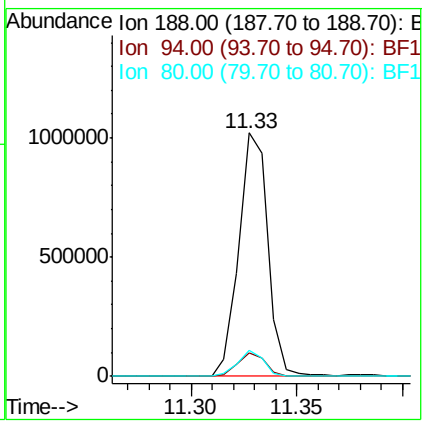


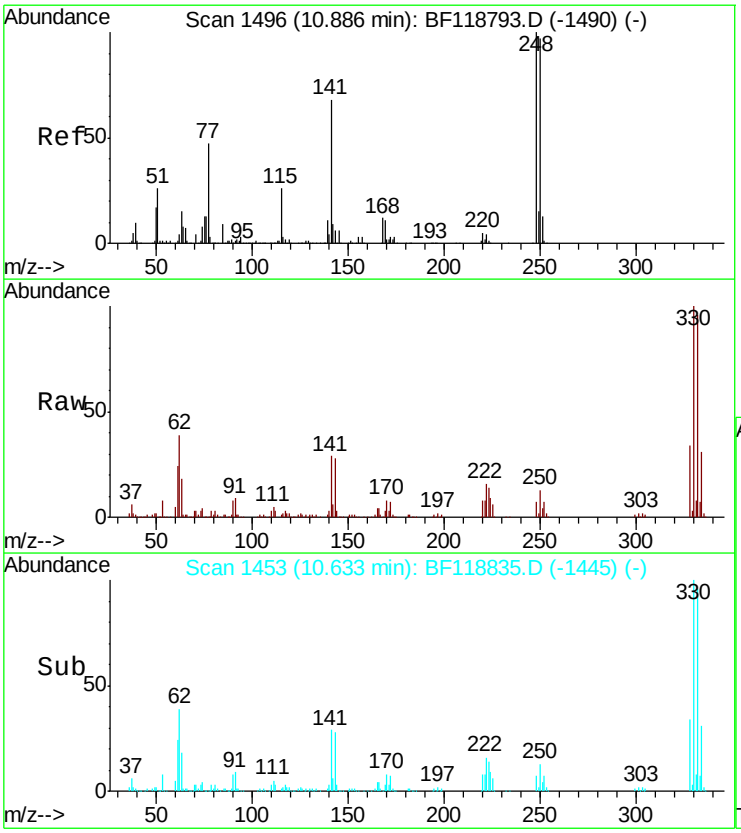
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 974117

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.6	8.4	12.6

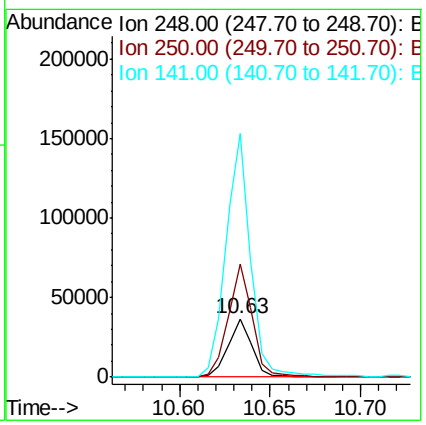


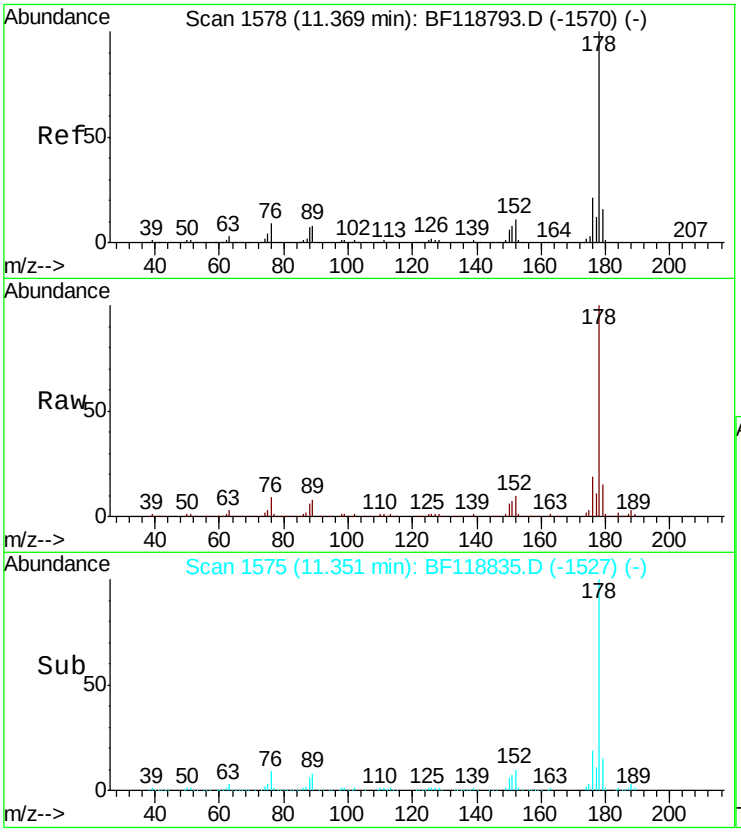


#67
4-Bromophenyl-phenylether
Concen: 2.933 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:248 Resp: 33803

Ion	Ratio	Lower	Upper
248	100		
250	193.8	77.6	116.4#
141	415.8	54.4	81.6#



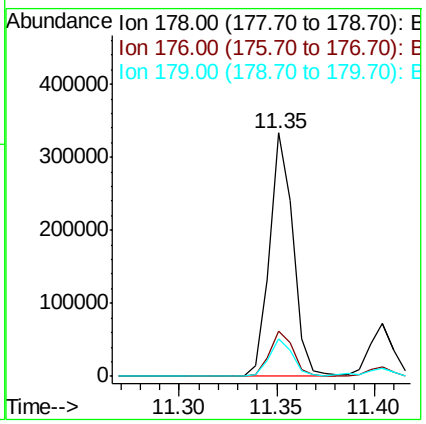


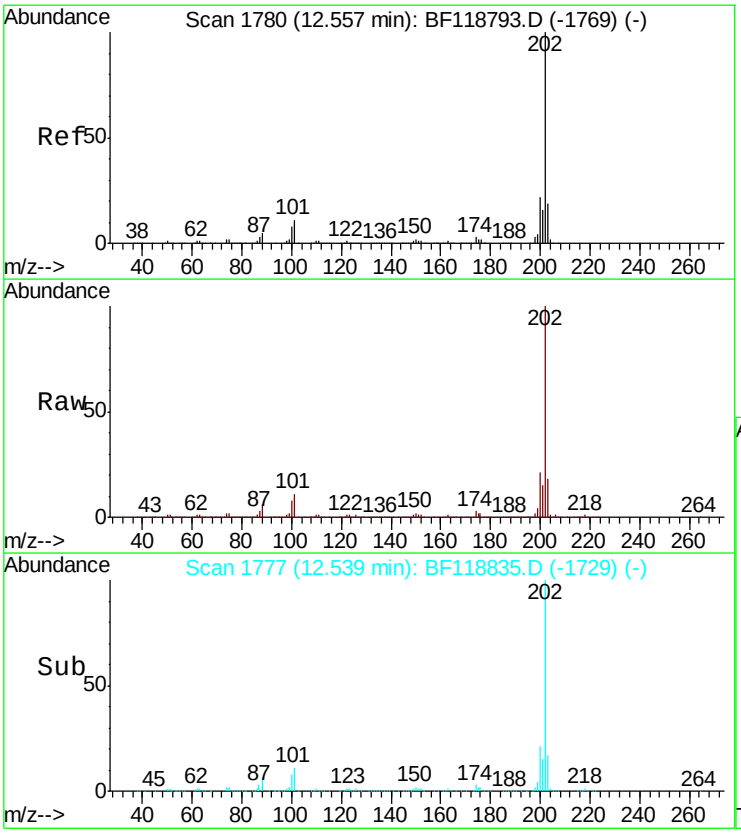
#71
Phenanthrene
Concen: 5.800 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 277996

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	24.8
179	15.3	13.2	19.8

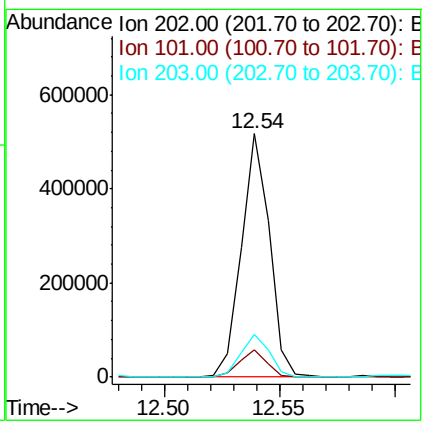


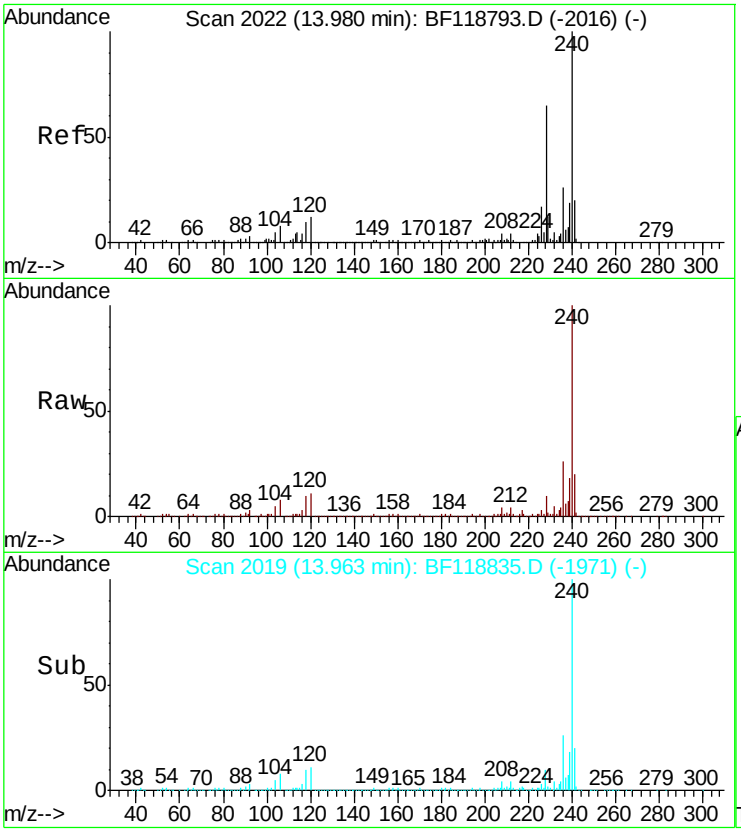


#75
Fluoranthene
Concen: 8.365 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:202 Resp: 437725

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.0
203	17.5	0.0	38.7



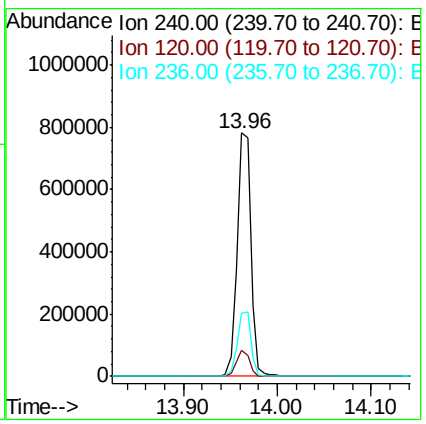


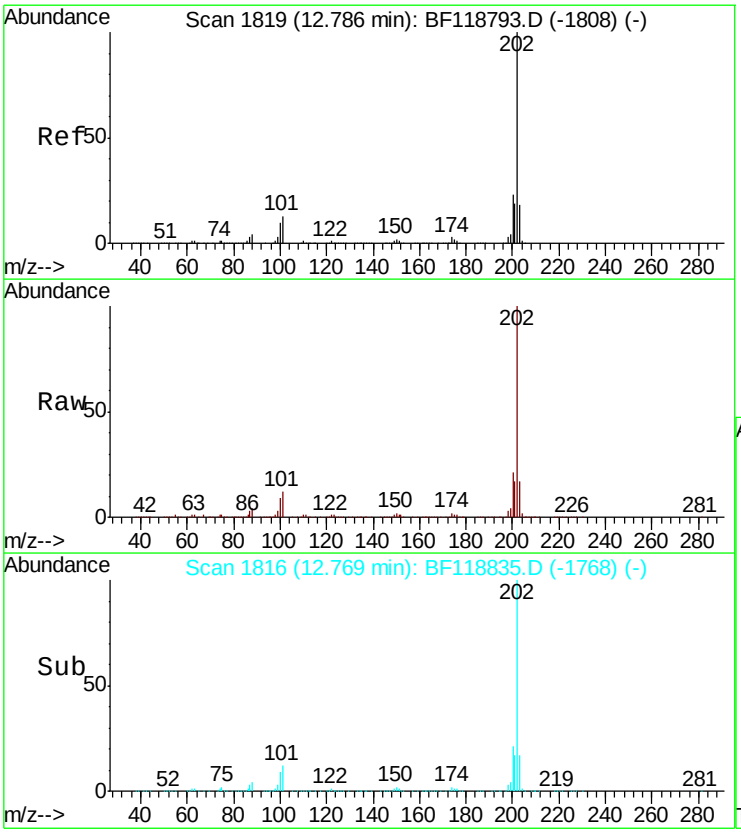
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 793872

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.0
236	25.7	21.0	31.6

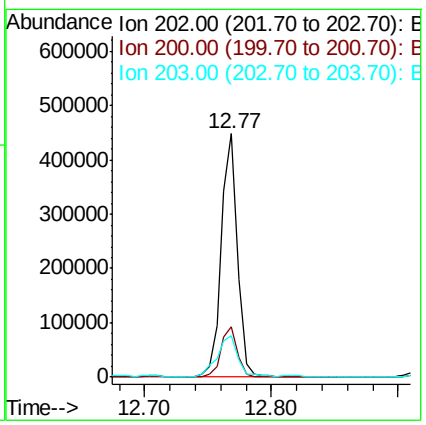


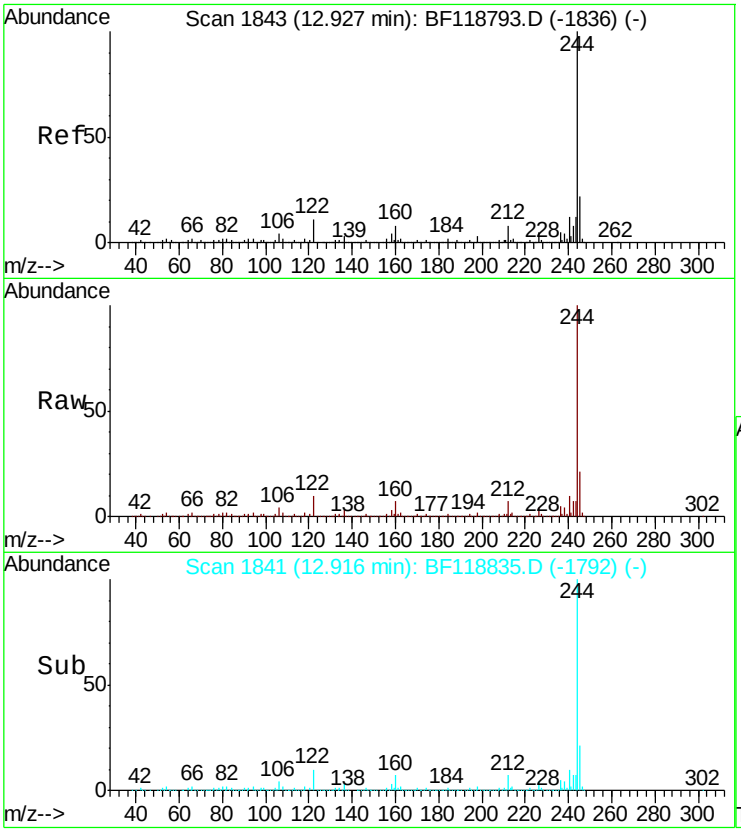


#78
Pyrene
Concen: 7.306 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:202 Resp: 397902

Ion	Ratio	Lower	Upper
202	100		
200	20.6	18.2	27.2
203	17.1	14.8	22.2



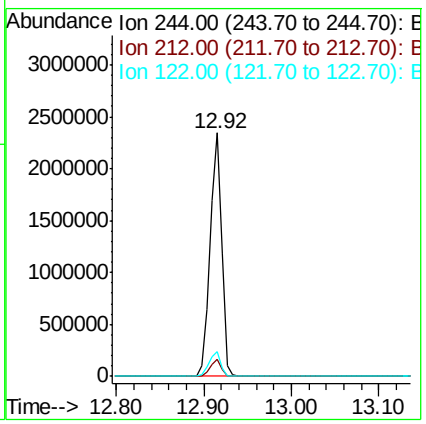


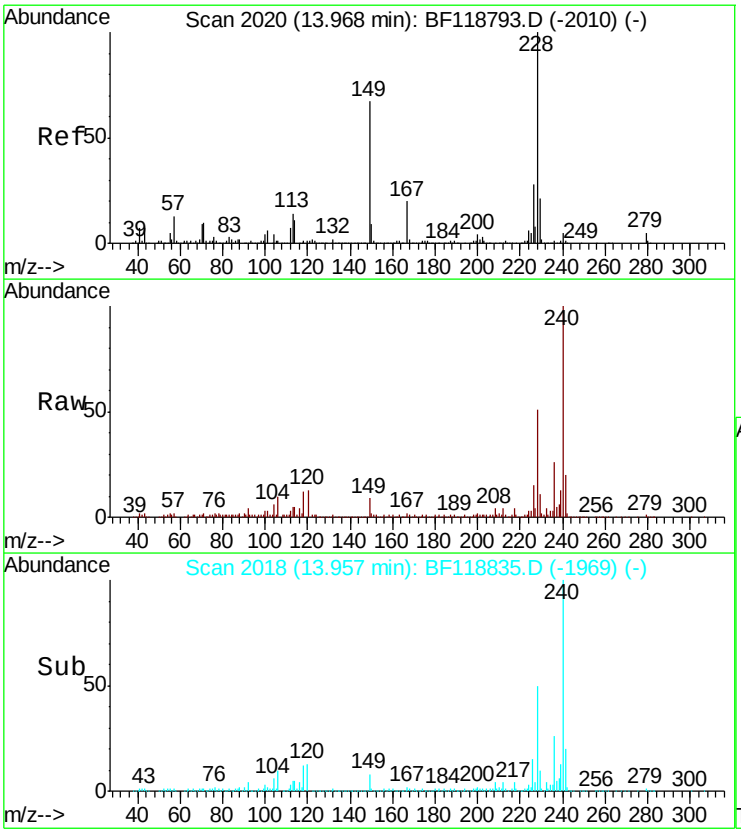
#79
Terphenyl-d14
Concen: 56.287 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2175458

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	10.2	8.9	13.3

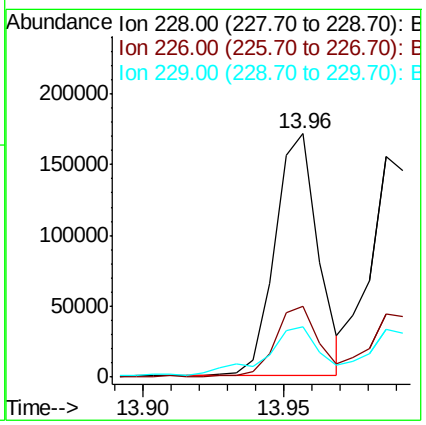


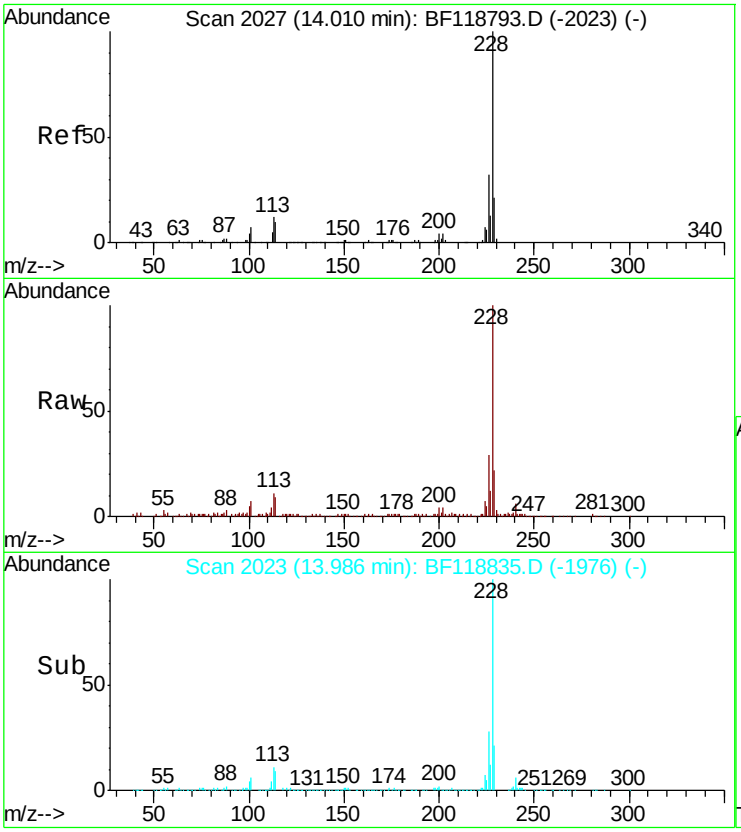


#81
Benzo(a)anthracene
Concen: 3.823 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:228 Resp: 180617

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.9	16.6	25.0



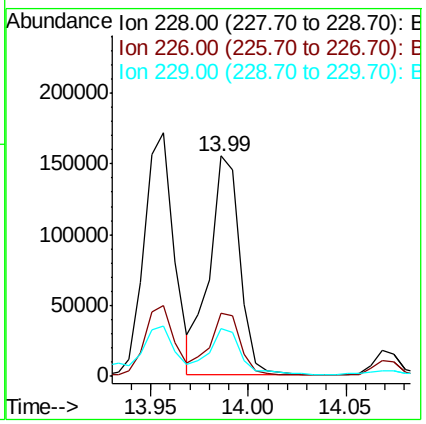


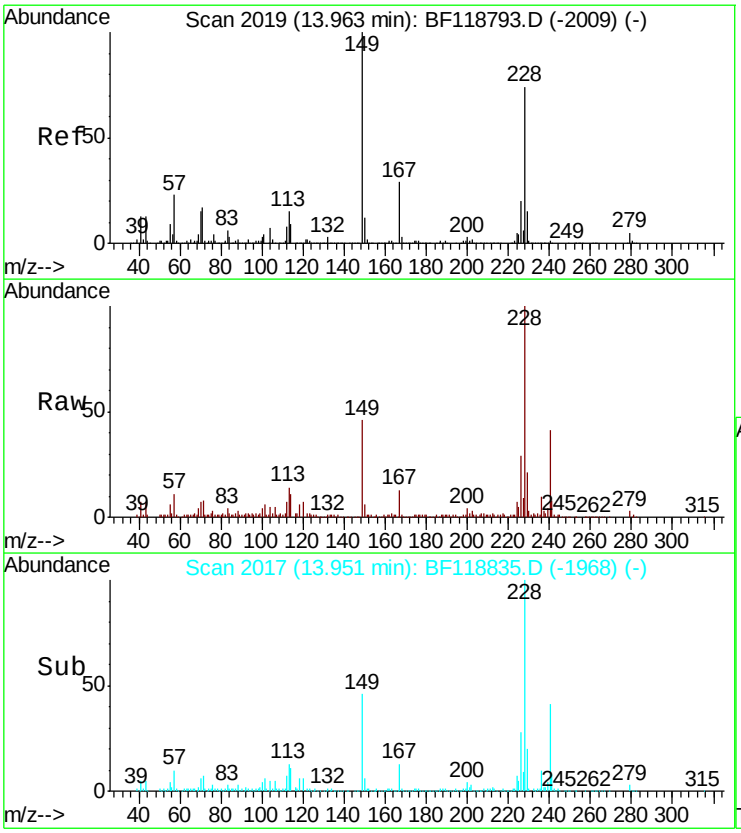
#83
Chrysene
Concen: 3.537 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 167713

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.4	38.0
229	21.5	16.9	25.3

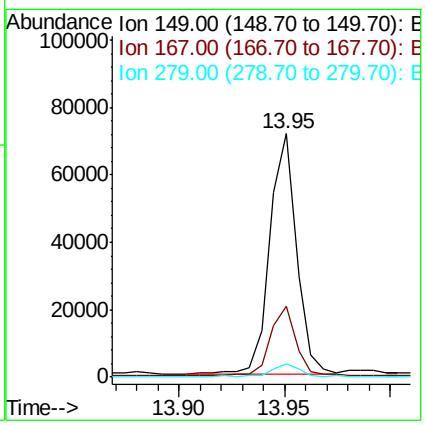


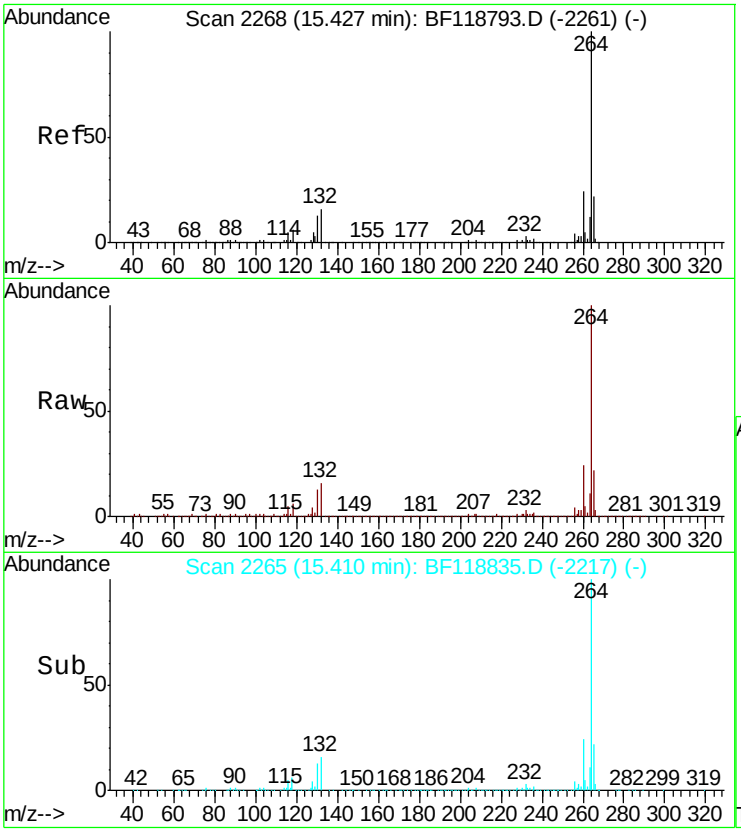


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.002 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:149 Resp: 63142

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.0	34.6
279	5.6	4.4	6.6



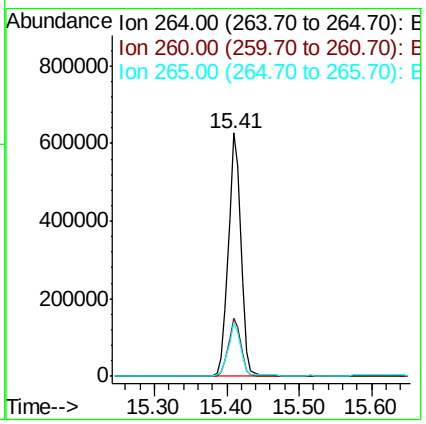


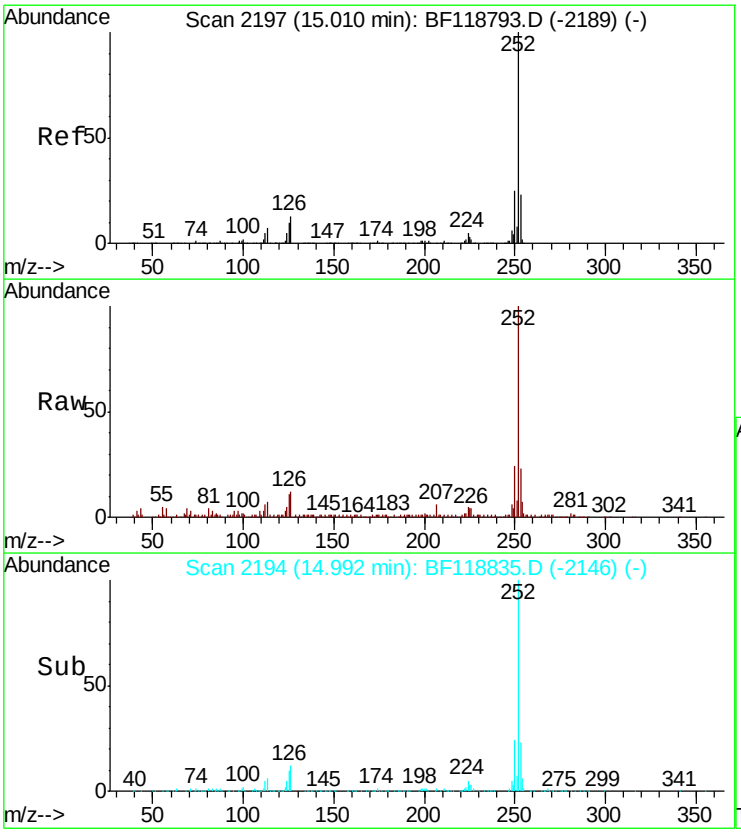
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 762924

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.1	17.2	25.8

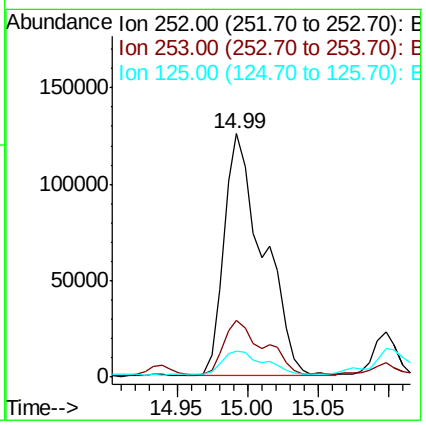


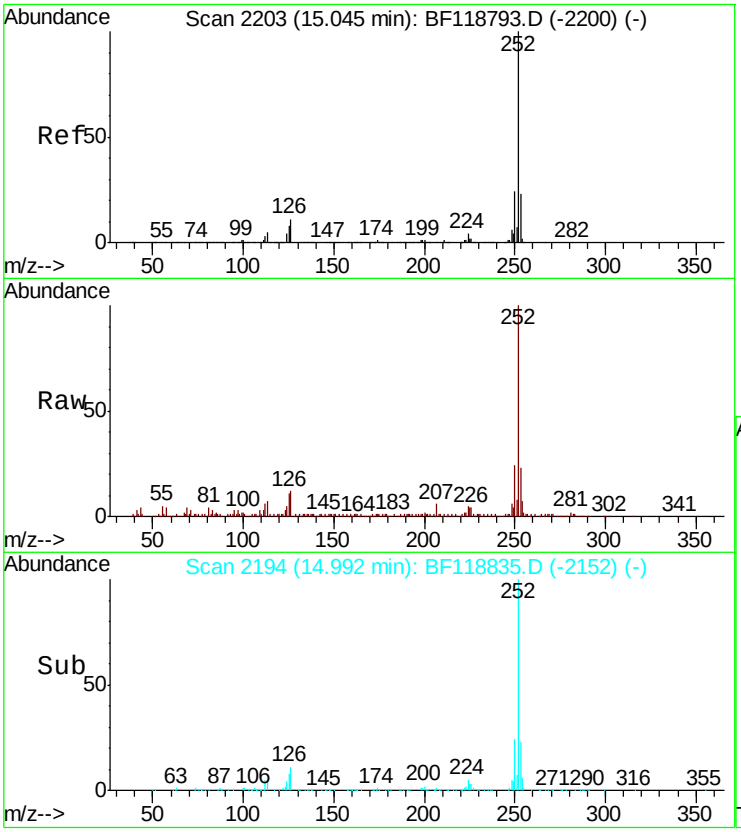


#88
Benzo(b)fluoranthene
Concen: 5.154 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:252 Resp: 243973

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	10.7	8.1	12.1



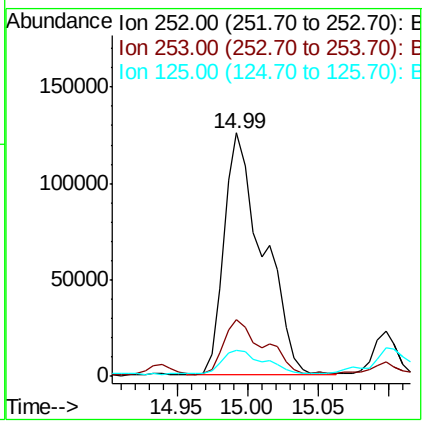


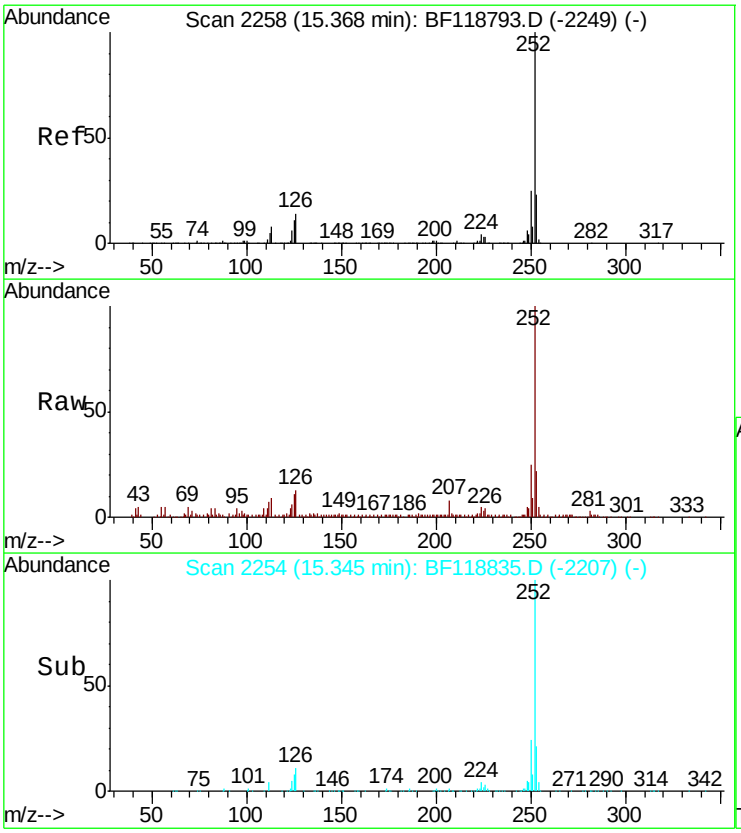
#89
Benzo(k)fluoranthene
Concen: 5.918 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 243973

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	10.7	7.0	10.6#

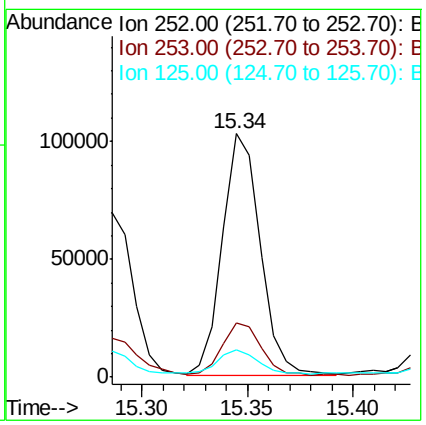


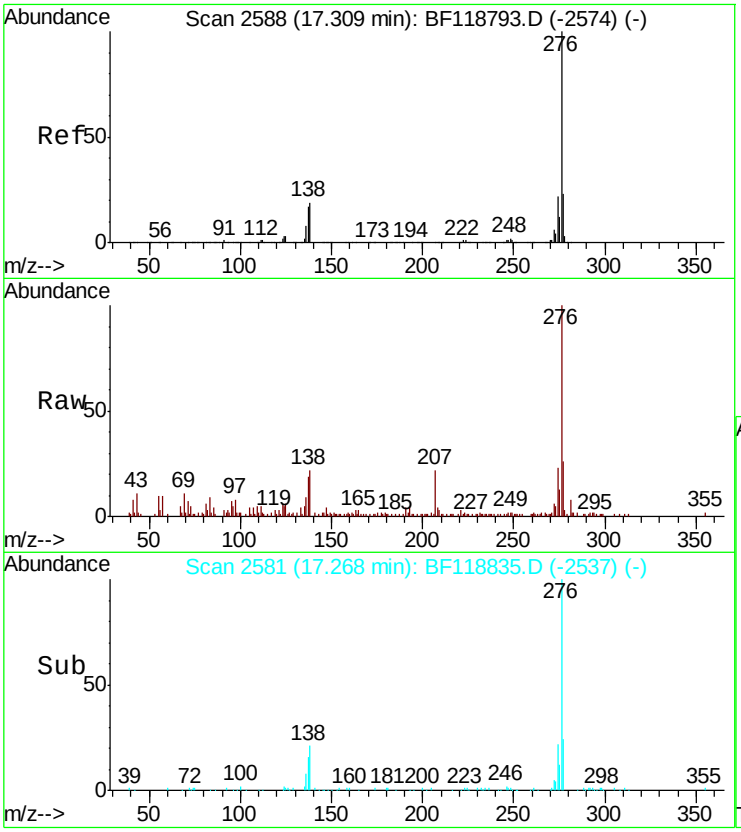


#90
Benzo(a)pyrene
Concen: 3.141 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Tgt Ion:252 Resp: 127261

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.3	8.7	13.1





#92
Benzo(g,h,i)perylene
Concen: 2.236 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.04 min
Lab File: BF118835.D
Acq: 6 Feb 2020 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 77356

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.7	28.1
138	22.1	15.4	23.2