Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111954.D
Acq On : 9 Jan 2019 17:26
Operator : JU/SJ
Sample : K1006-15 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 10 01:52:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	134447	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	504135	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	223153	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	351777	20.00	ng		0.00
76) Chrysene-d12	14.05	240	323785	20.00	ng		0.00
87) Perylene-d12	15.54	264	226214	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	386837	49.22	ng		-0.01
7) Phenol-d6	6.52	99	500708	49.43	ng		-0.01
23) Nitrobenzene-d5	7.44	82	307271	32.57	ng		-0.02
42) 2,4,6-Tribromophenol	10.71	330	115753	39.88	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	567510	37.08	ng		-0.01
79) Terphenyl-d14	12.99	244	502575	29.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	902	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.44	70	42234	6.417	ng	#	78
25) Isophorone	7.44	82	304567	19.939	ng	#	65
50) Dimethylphthalate	9.63	163	41193	2.457	ng		100
71) Phenanthrene	11.43	178	108320	5.759	ng		99
75) Fluoranthene	12.62	202	121797	6.308	ng		99
78) Pyrene	12.85	202	106218	4.768	ng		97
81) Benzo(a)anthracene	14.04	228	48943	2.626	ng		96
83) Chrysene	14.04	228	48943	2.755	ng		92
88) Benzo(b)fluoranthene	15.10	252	49258	3.640	ng	#	80
89) Benzo(k)fluoranthene	15.10	252	49258	3.873	ng	#	82
90) Benzo(a)pyrene	15.47	252	26271	2.208	ng	#	87

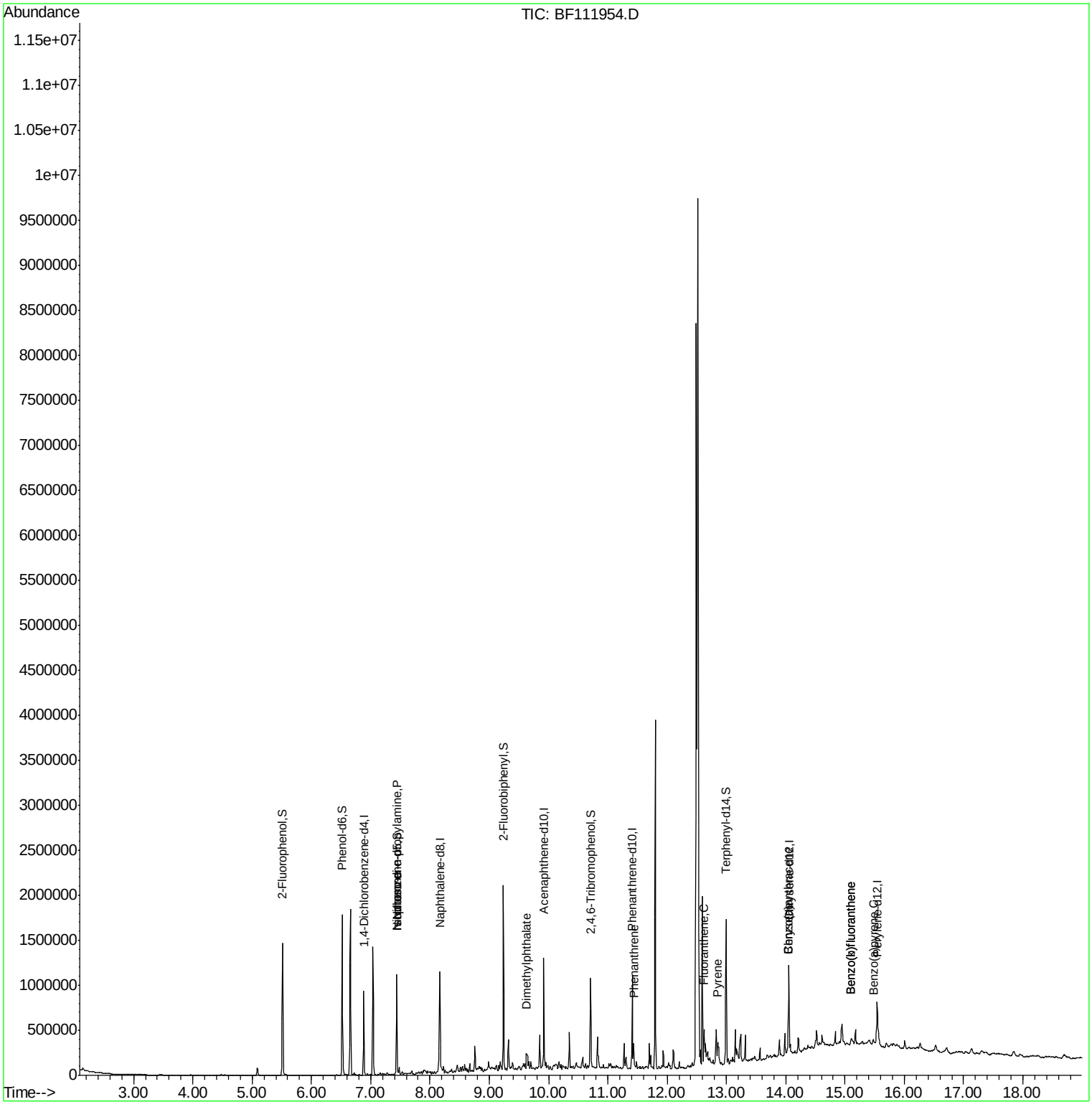
(#) = qualifier out of range (m) = manual integration (+) = signals summed

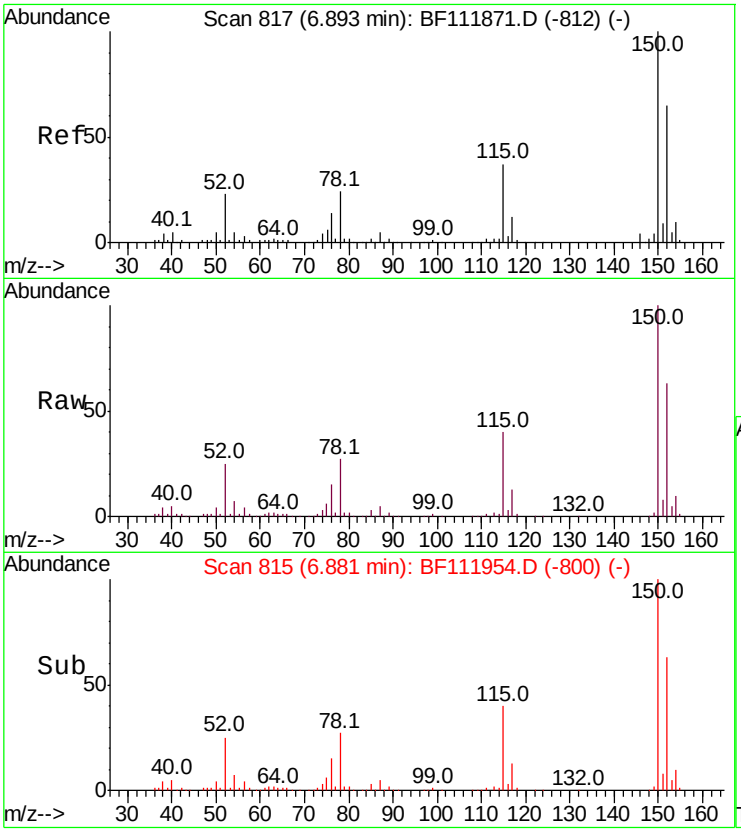
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111954.D
Acq On : 9 Jan 2019 17:26
Operator : JU/SJ
Sample : K1006-15 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 01:52:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



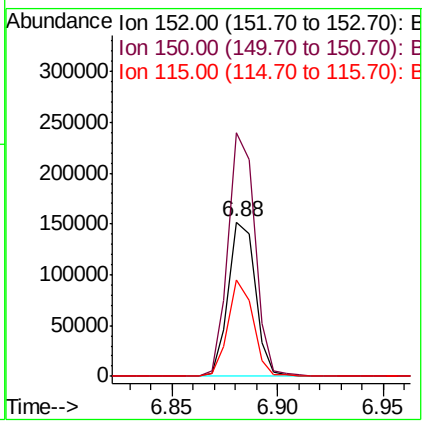


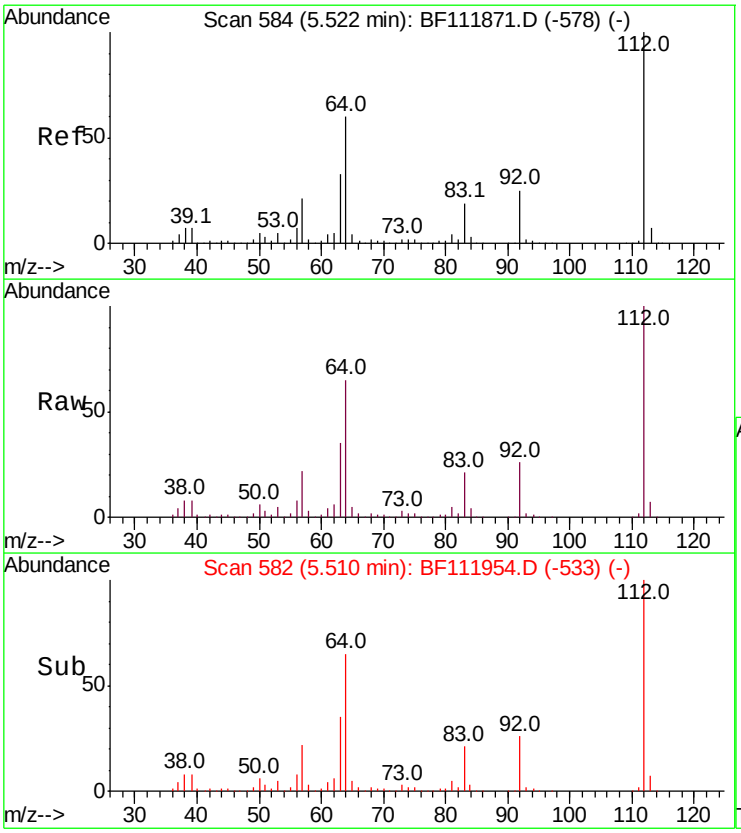
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134447

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	62.6	45.2	67.8

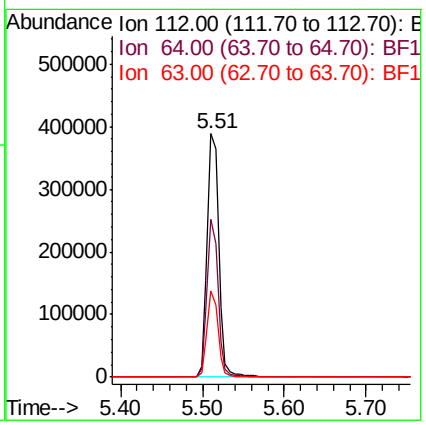


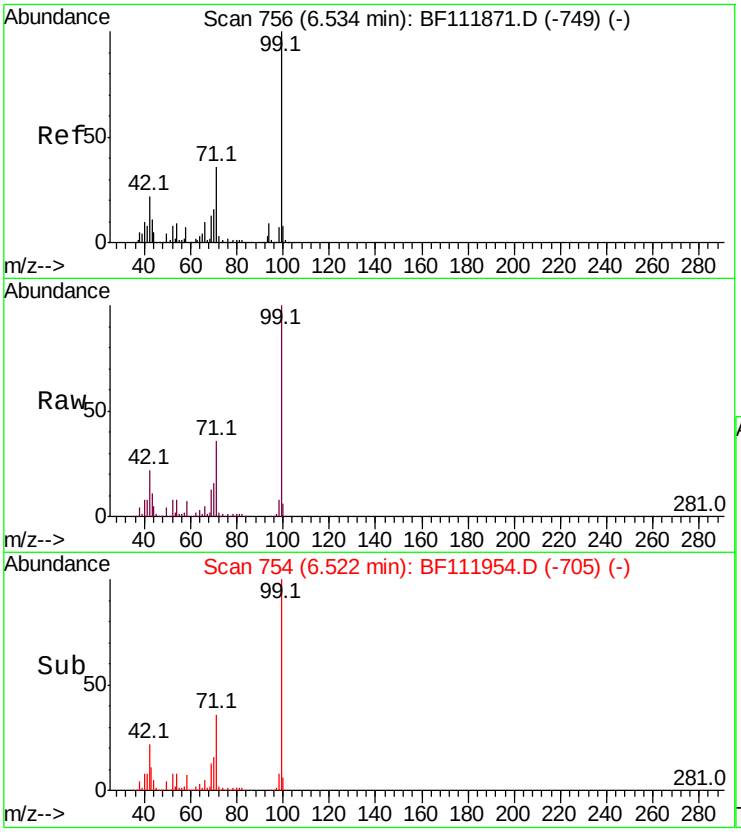


#5
2-Fluorophenol
Concen: 49.224 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:112 Resp: 386837

Ion	Ratio	Lower	Upper
112	100		
64	65.0	48.3	72.5
63	35.2	26.1	39.1



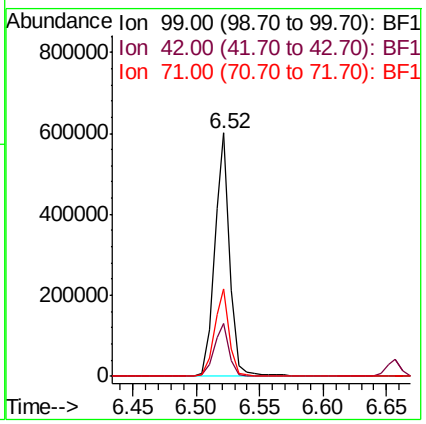


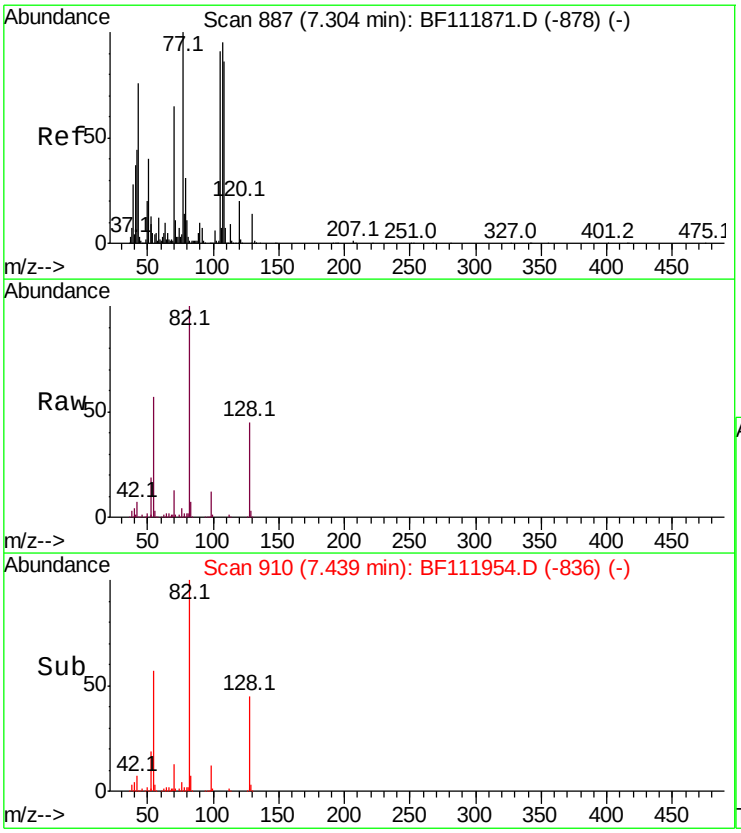
#7
Phenol-d6
Concen: 49.434 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 500708

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	35.9	28.7	43.1

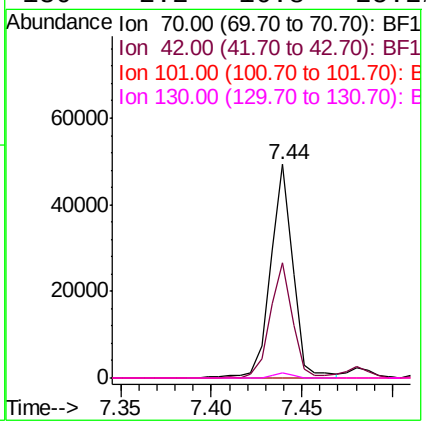


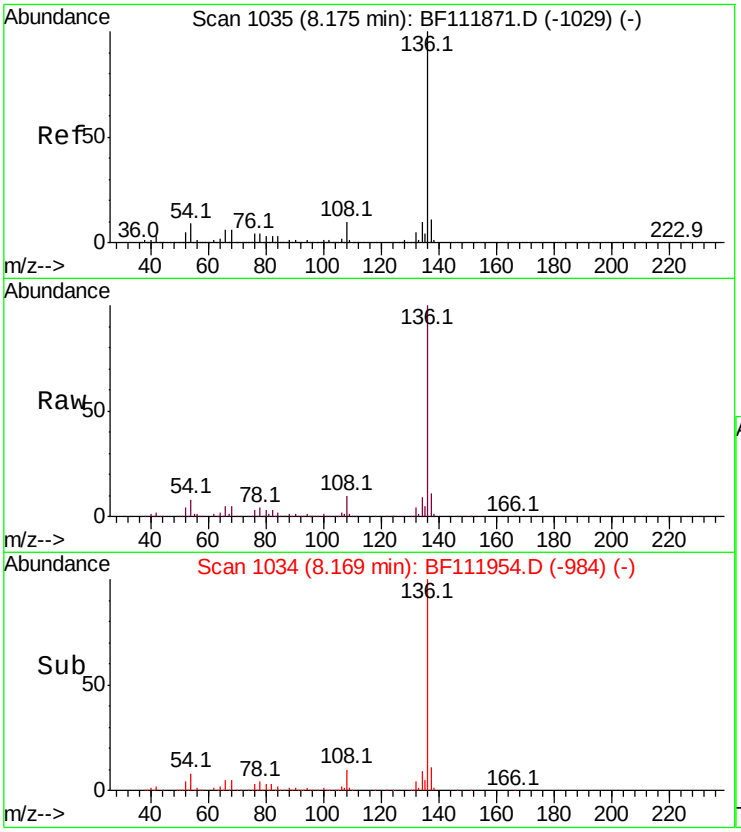


#19
n-Nitroso-di-n-propylamine
Concen: 6.417 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion: 70 Resp: 42234

Ion	Ratio	Lower	Upper
70	100		
42	53.8	53.6	80.4
101	0.0	7.3	10.9#
130	2.2	16.8	25.2#



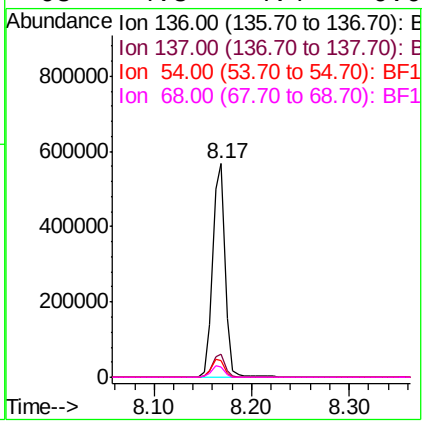


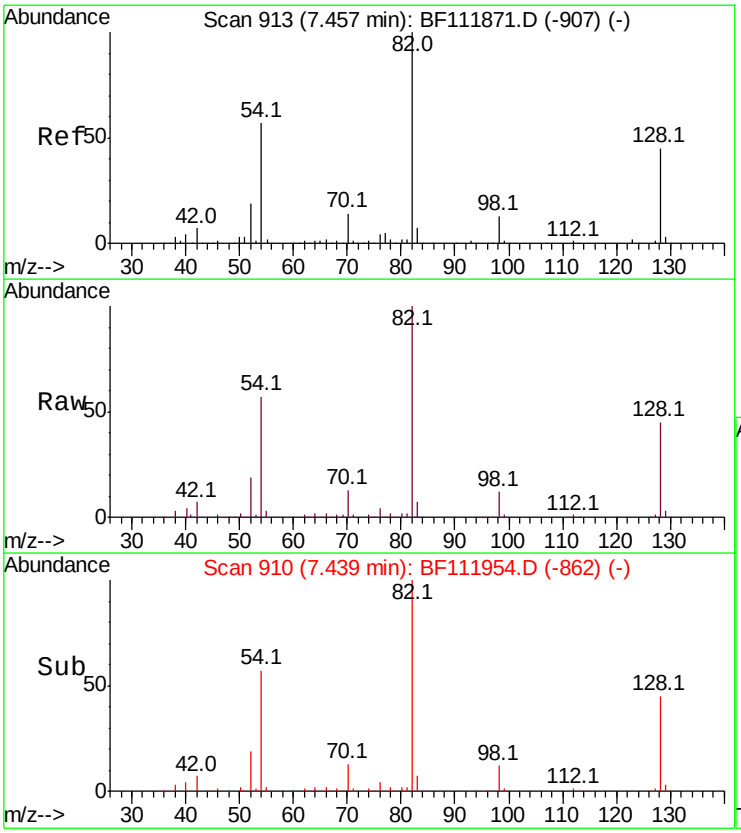
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 504135

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.0	7.2	10.8
68	4.8	4.4	6.6

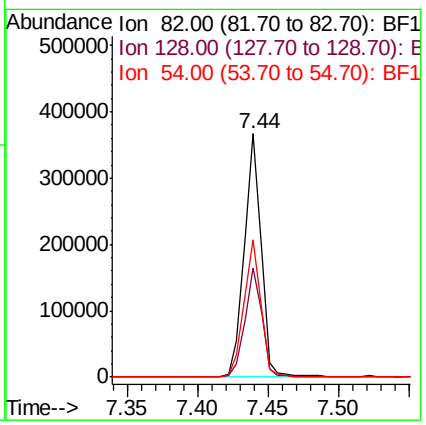


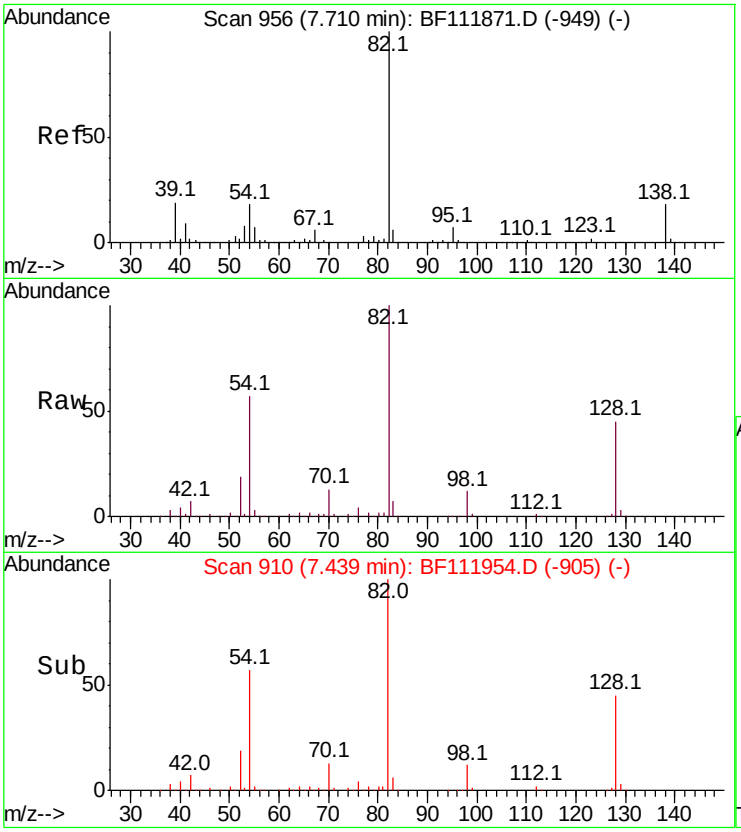


#23
Nitrobenzene-d5
Concen: 32.575 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion: 82 Resp: 307271

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	56.7	45.8	68.8



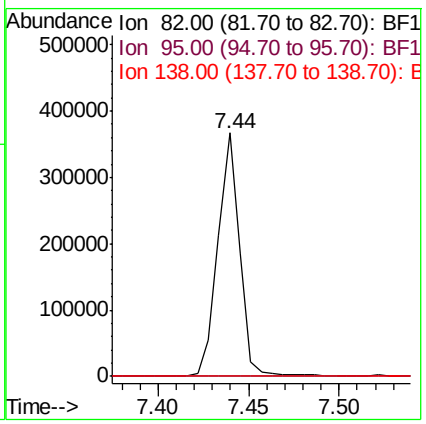


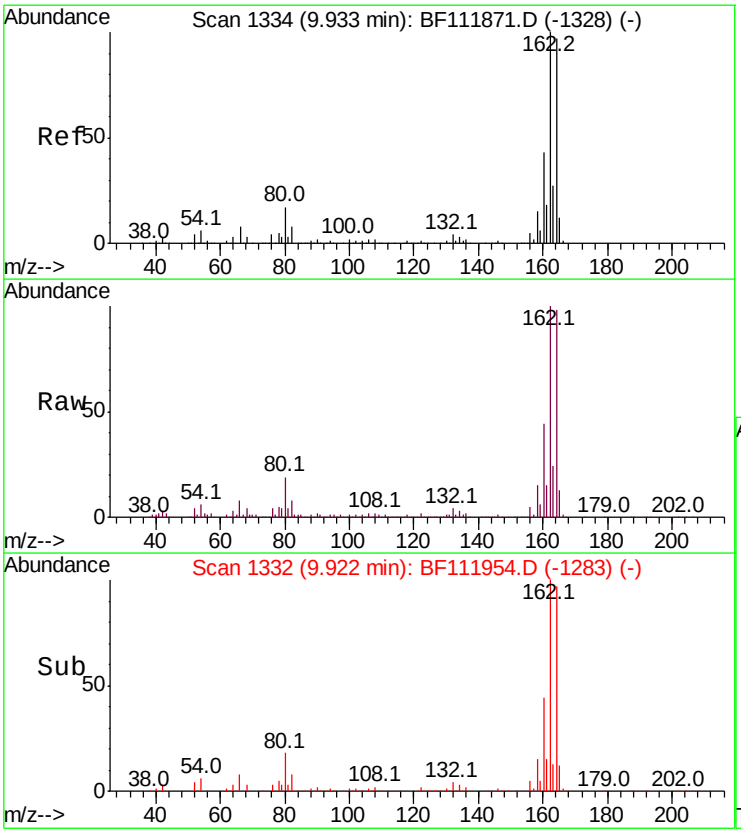
#25
Isophorone
Concen: 19.939 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 304567

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.4	21.6#

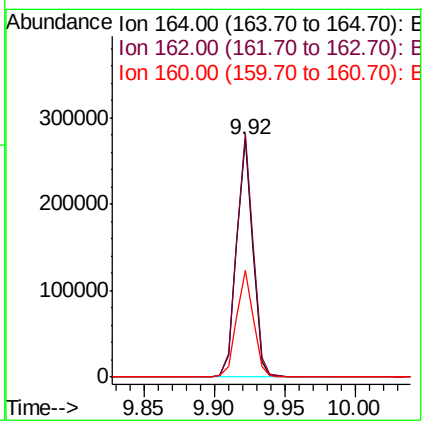


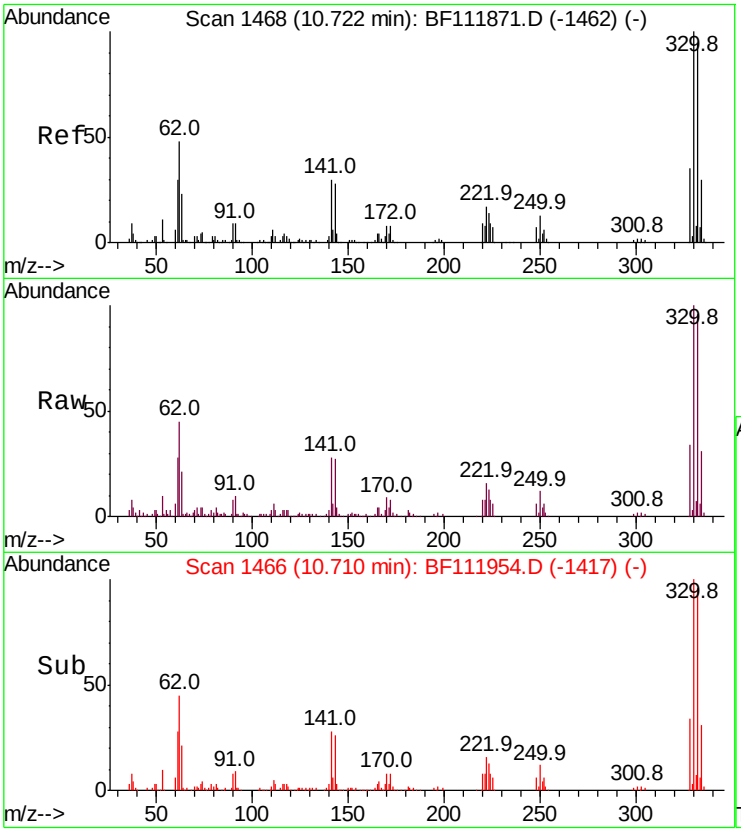


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:164 Resp: 223153

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.2	123.2
160	44.7	35.5	53.3



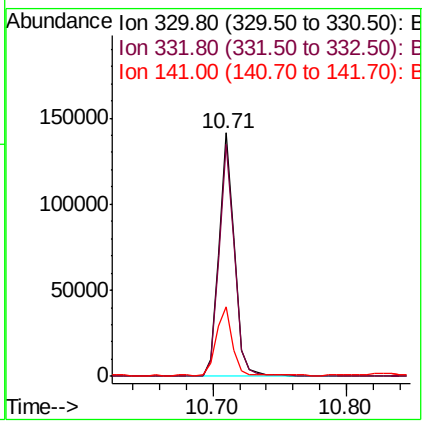


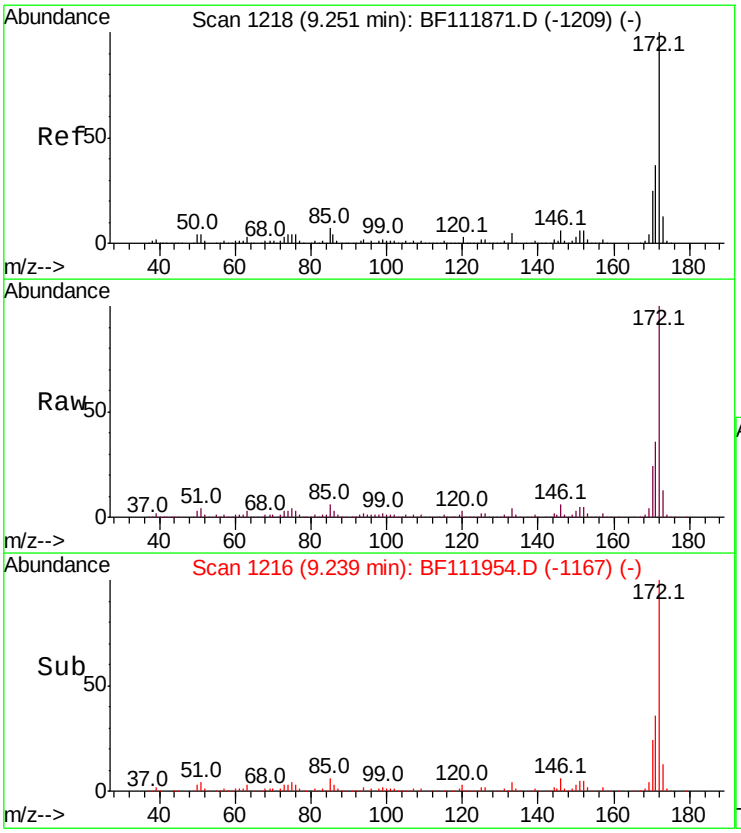
#42
2,4,6-Tribromophenol
Concen: 39.880 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 115753

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	29.9	23.7	35.5

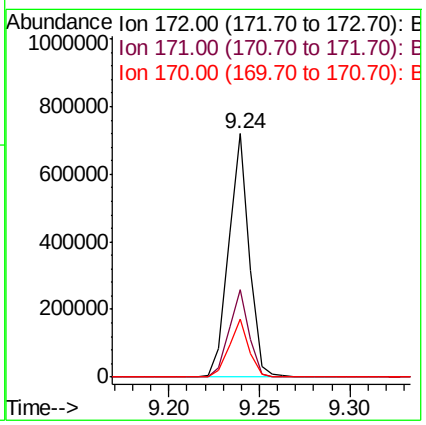


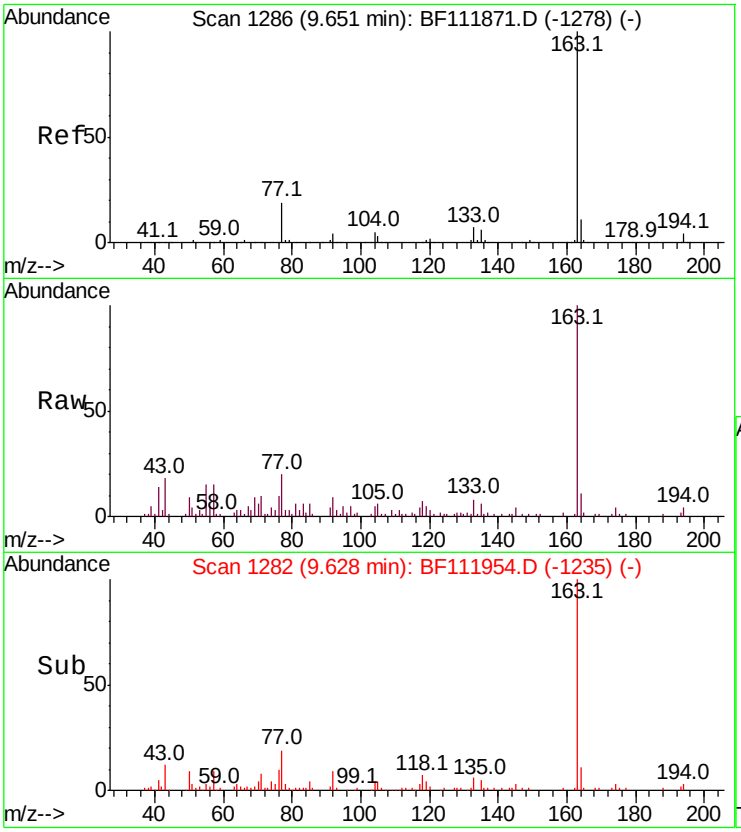


#45
2-Fluorobiphenyl
Concen: 37.084 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:172 Resp: 567510

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.8	29.8



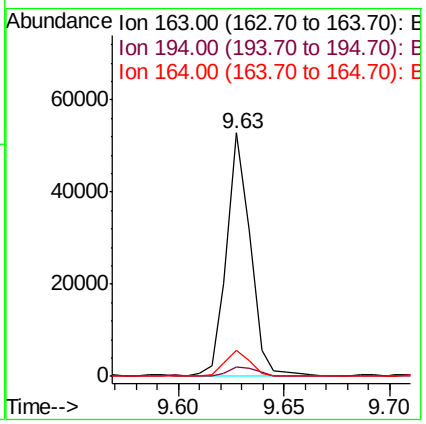


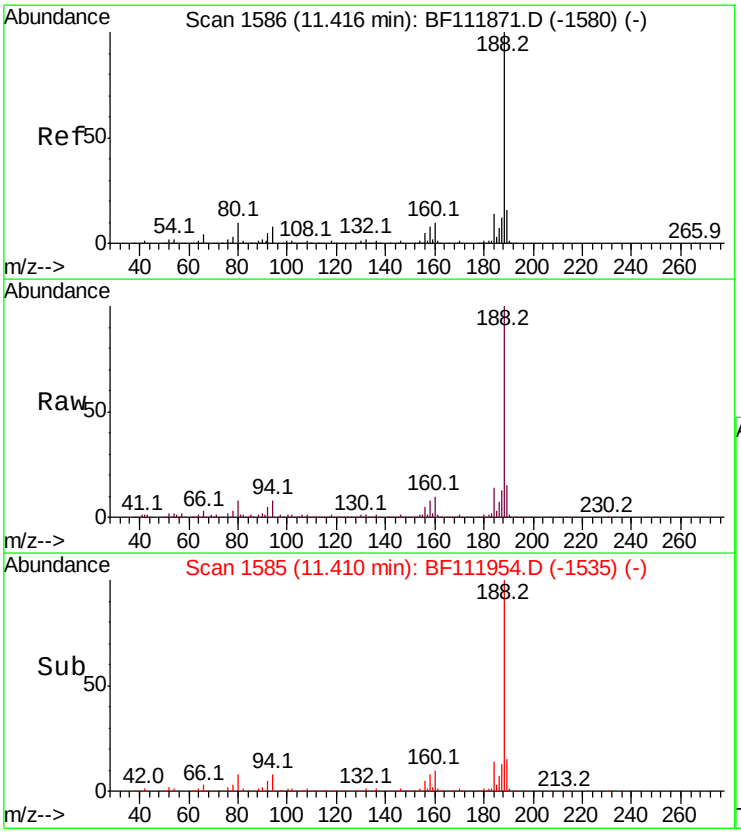
#50
Dimethylphthalate
Concen: 2.457 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 41193

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.5	8.5	12.7

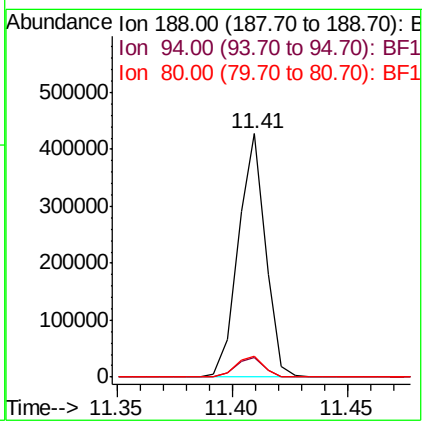


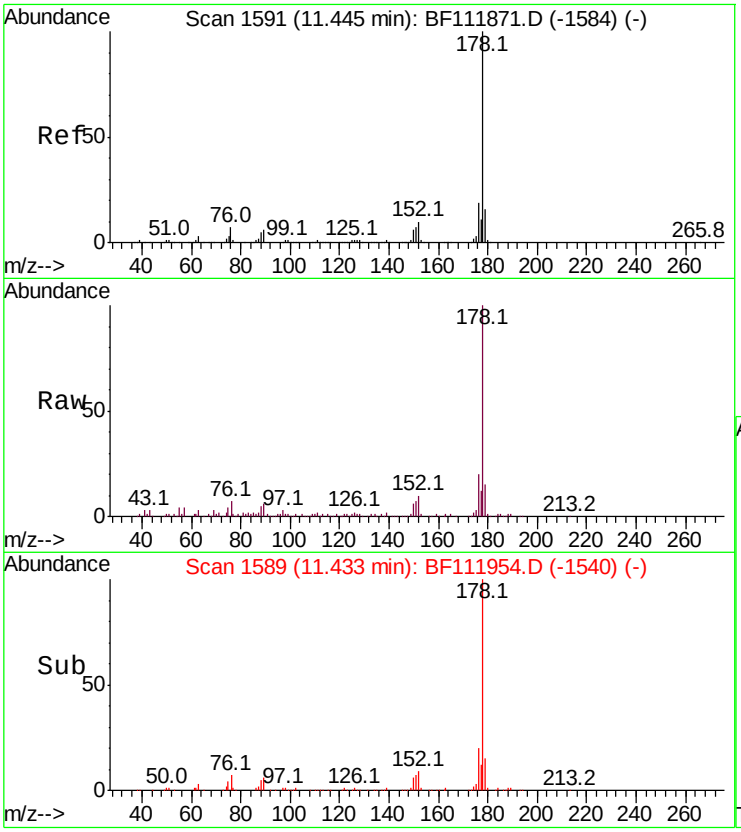


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:188 Resp: 351777

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.4	7.7	11.5



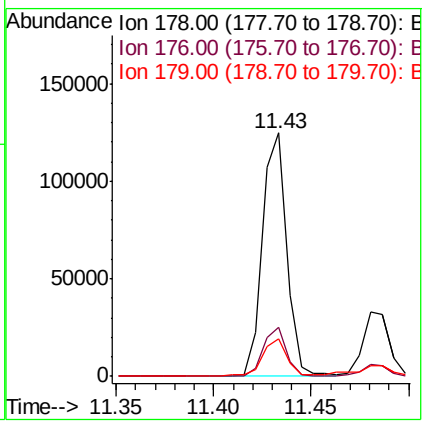


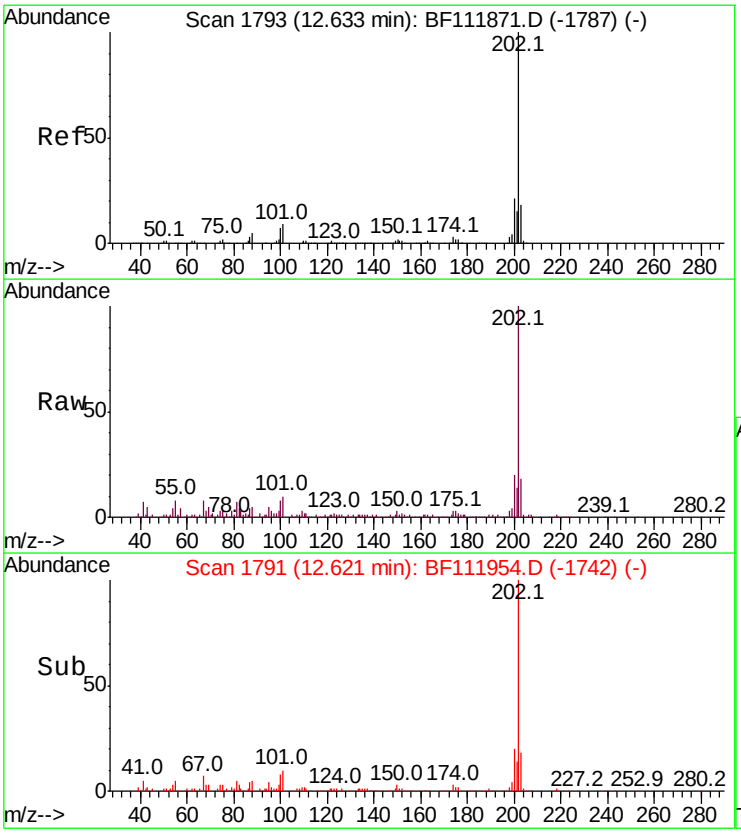
#71
Phenanthrene
Concen: 5.759 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 108320

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	15.3	12.6	18.8

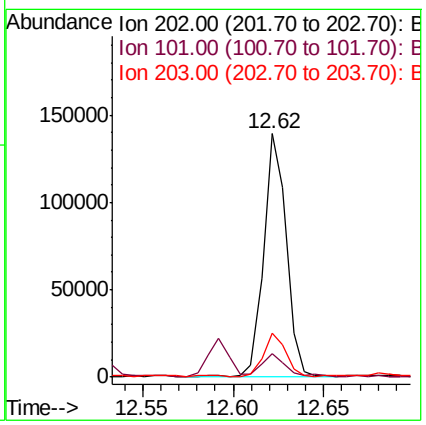


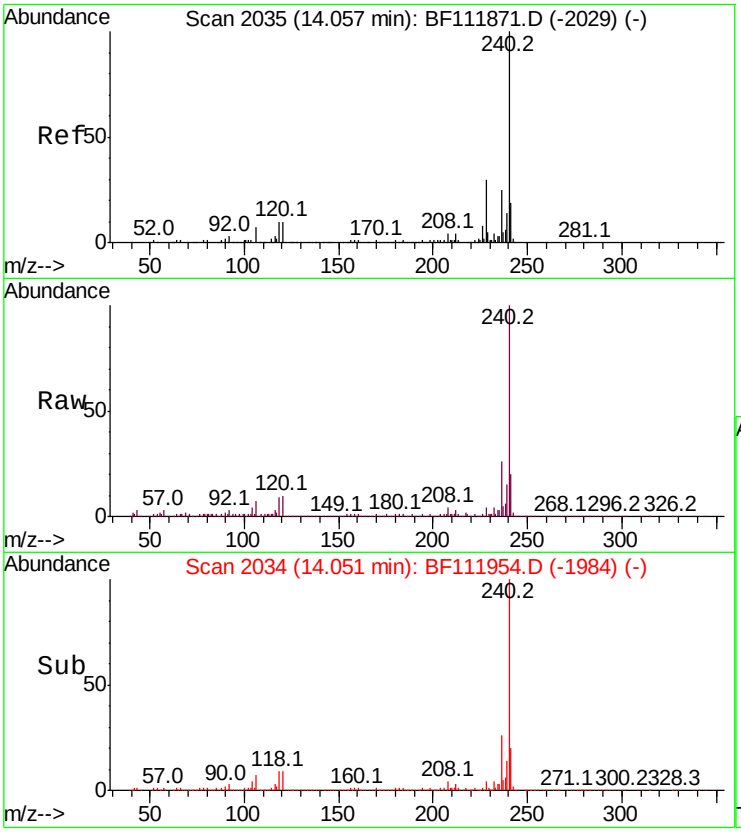


#75
Fluoranthene
Concen: 6.308 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:202 Resp: 121797

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
203	17.9	0.0	37.6



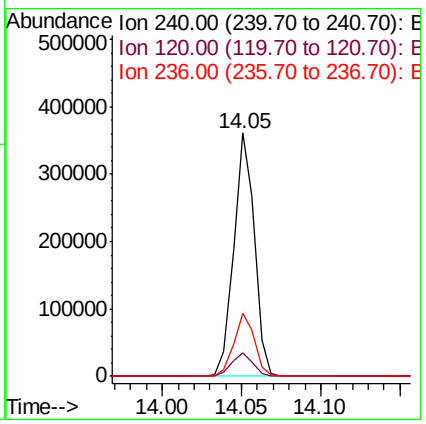


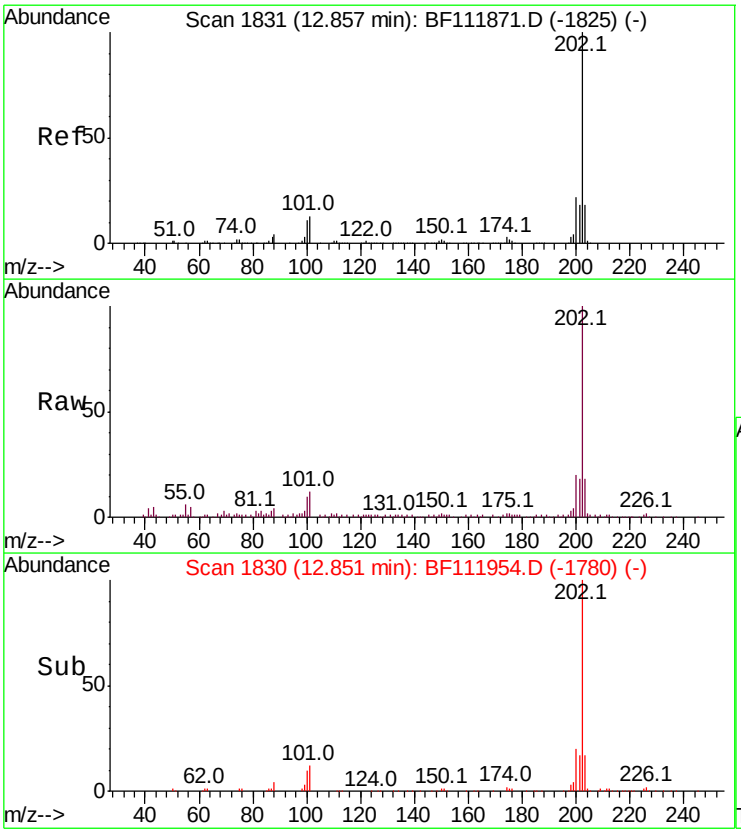
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 323785

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	26.1	20.2	30.4

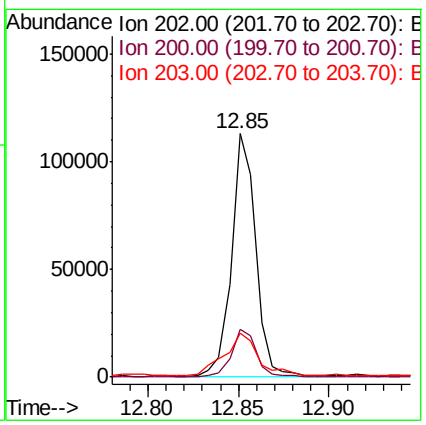


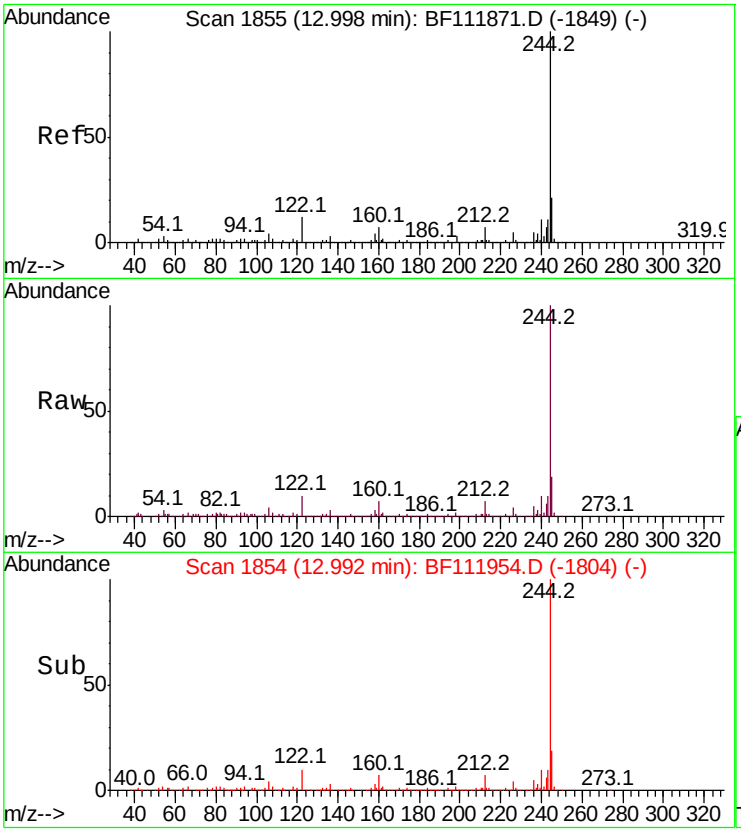


#78
Pyrene
Concen: 4.768 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:202 Resp: 106218

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	17.9	14.6	21.8



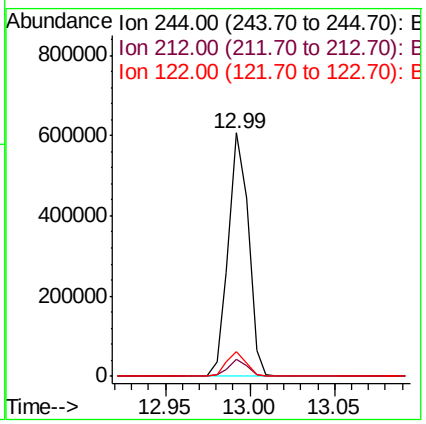


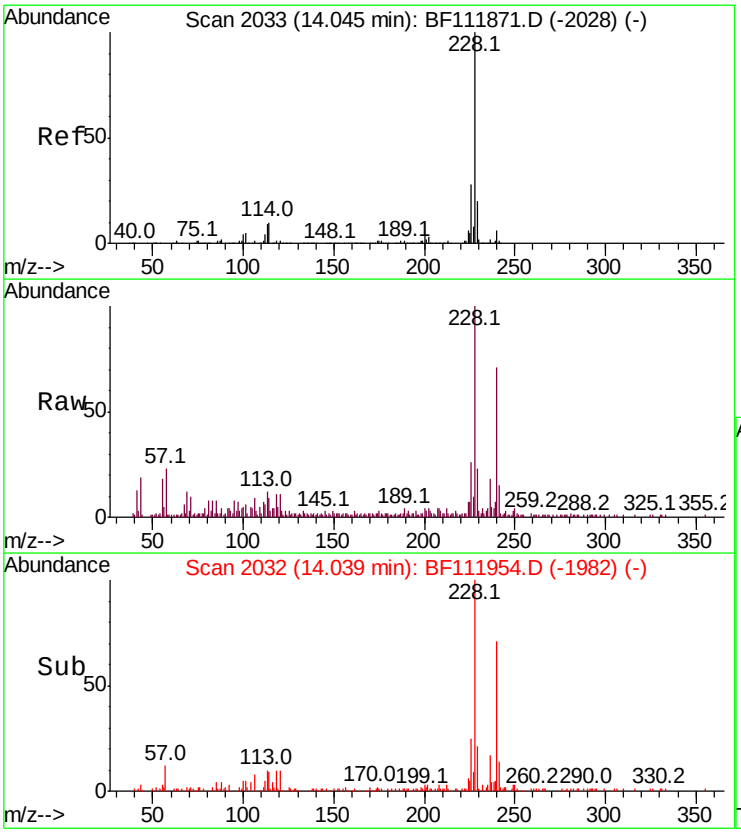
#79
Terphenyl-d14
Concen: 29.464 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 502575

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.3	9.5	14.3

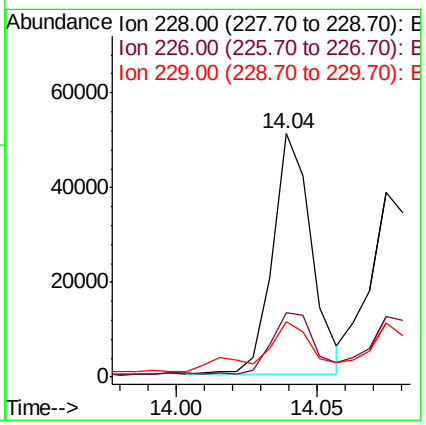


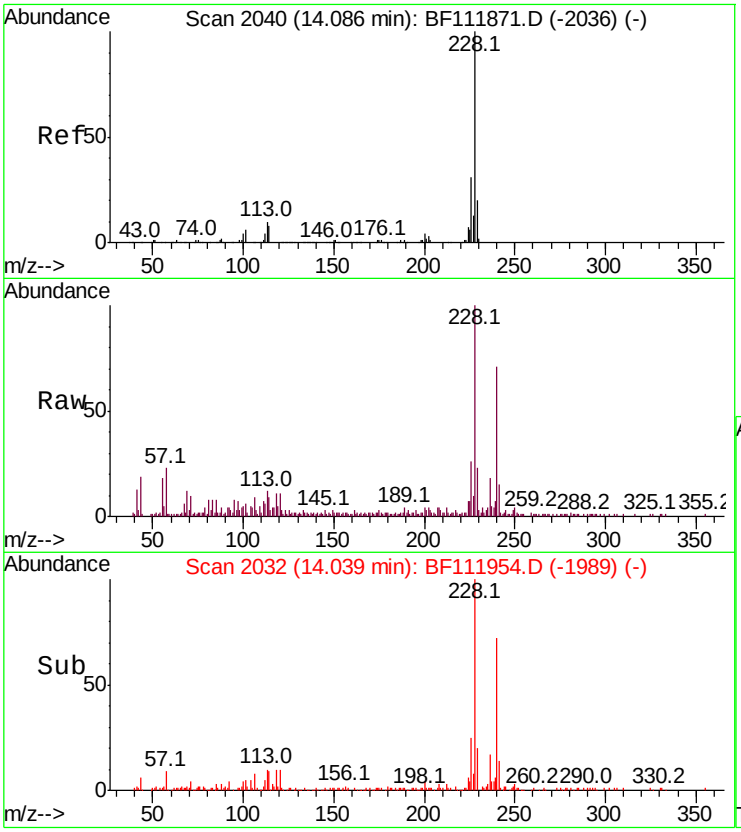


#81
Benzo(a)anthracene
Concen: 2.626 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:228 Resp: 48943

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	22.7	16.2	24.2



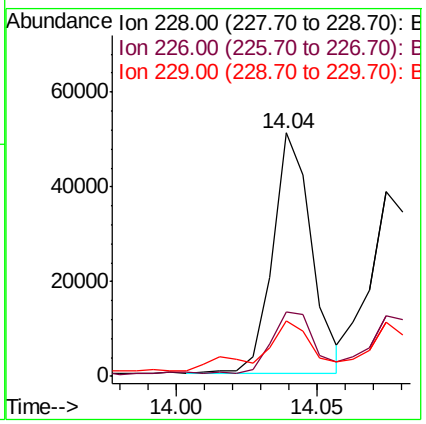


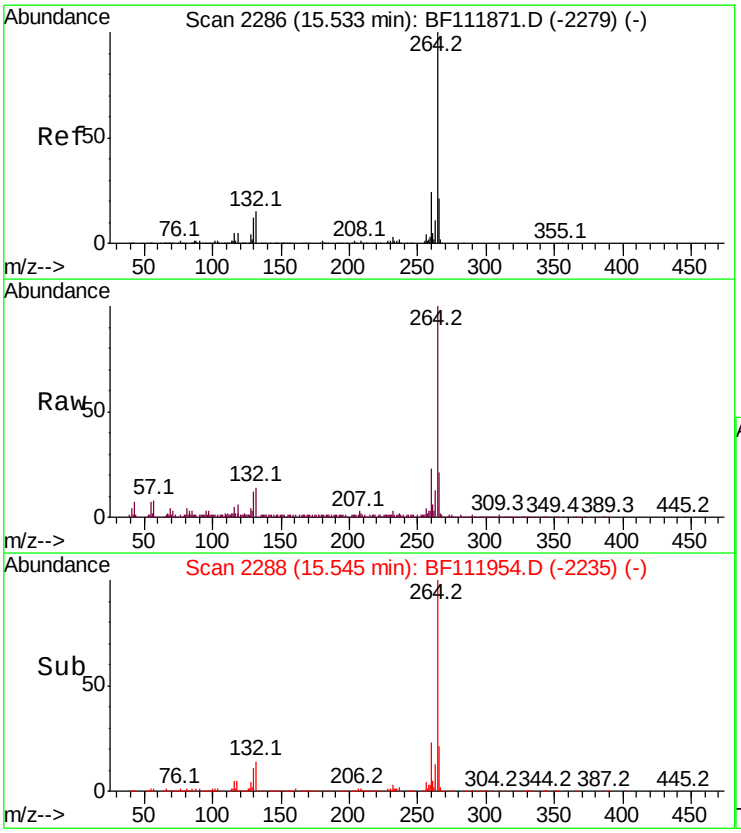
#83
Chrysene
Concen: 2.755 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.05 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48943

Ion	Ratio	Lower	Upper
228	100		
226	26.3	24.6	37.0
229	22.7	15.7	23.5

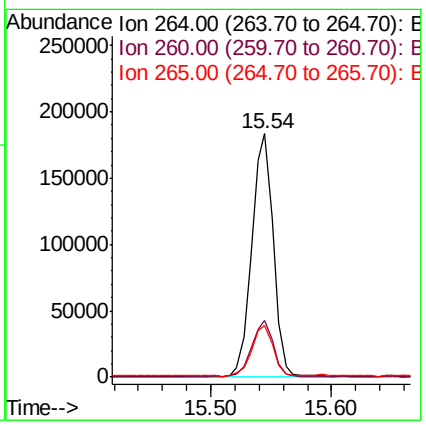


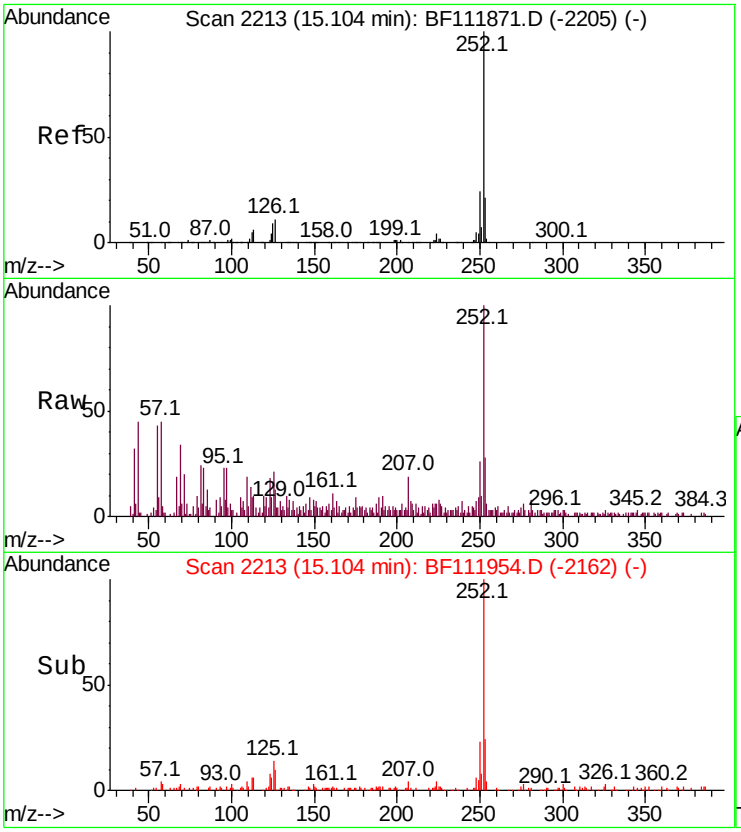


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:264 Resp: 226214

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.1	25.7



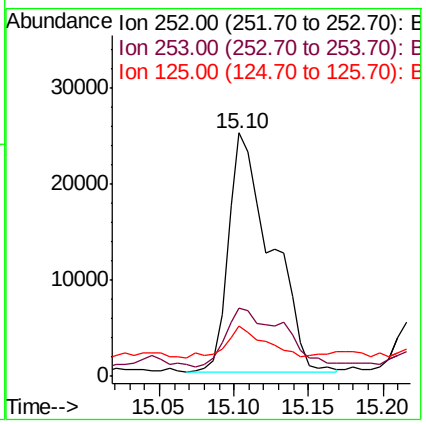


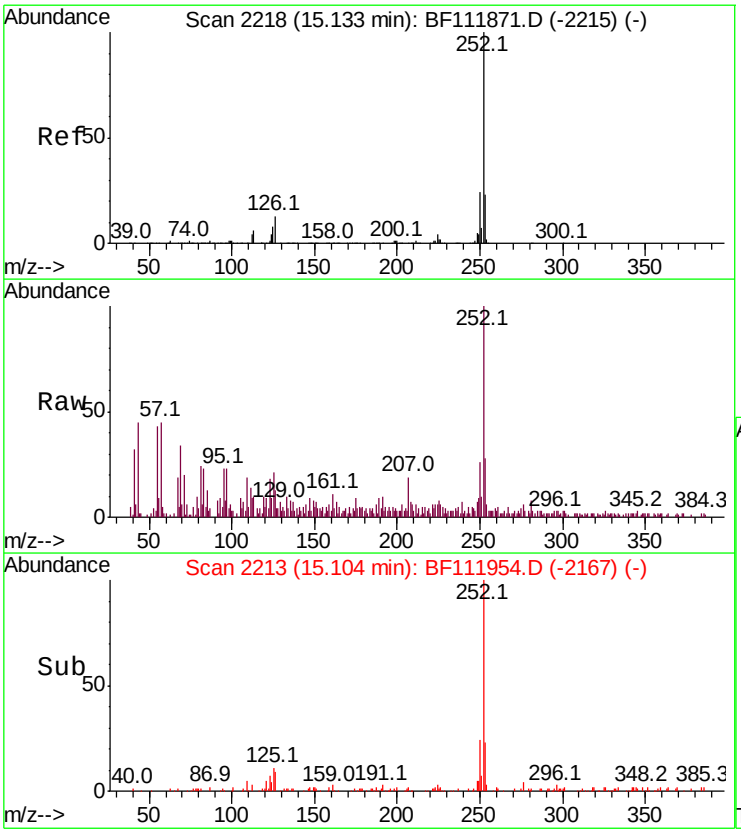
#88
Benzo(b)fluoranthene
Concen: 3.640 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 49258

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	20.5	7.1	10.7#

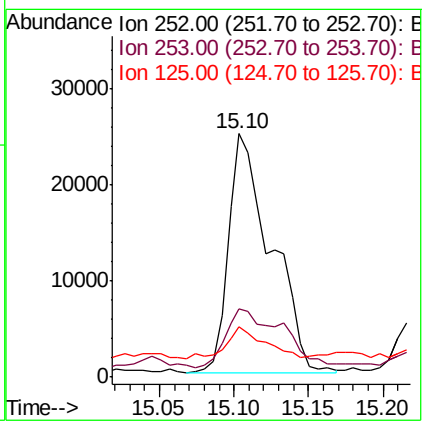


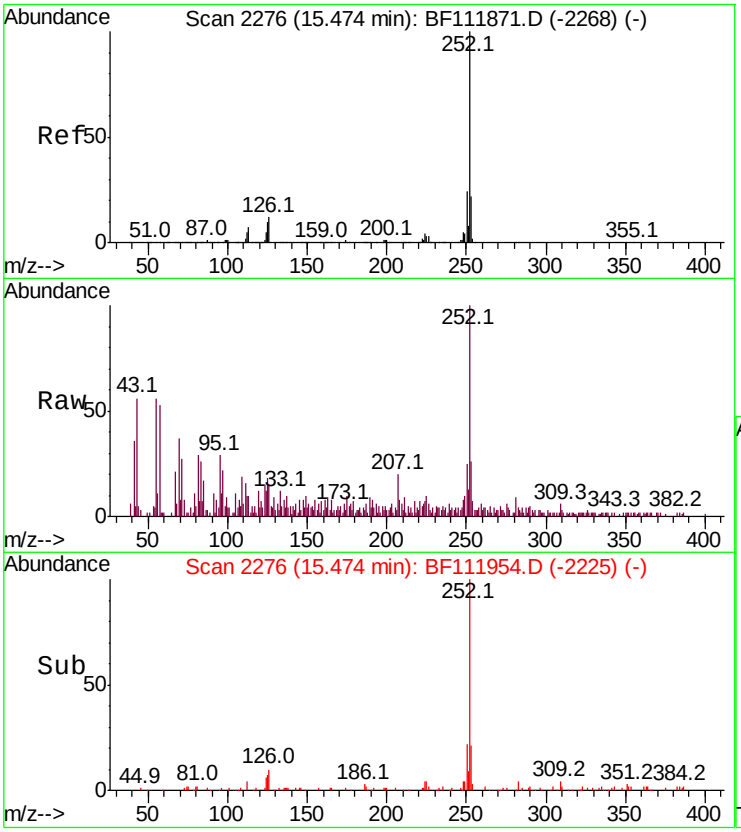


#89
Benzo(k)fluoranthene
Concen: 3.873 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Tgt Ion:252 Resp: 49258

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.8	26.6#
125	20.5	7.0	10.4#





#90
Benzo(a)pyrene
Concen: 2.208 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF111954.D
Acq: 9 Jan 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26271

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	18.3	7.9	11.9#