Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113553.D
Acq On : 3 Apr 2019 19:47
Operator : JU/SJ
Sample : K2213-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 04:26:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	137887	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	472609	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	199039	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	354707	20.00	ng		0.00
76) Chrysene-d12	13.84	240	330557	20.00	ng		0.00
87) Perylene-d12	15.25	264	288629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1014946	125.52	ng		0.00
7) Phenol-d6	6.34	99	1293390	129.78	ng		0.00
23) Nitrobenzene-d5	7.25	82	775282	96.09	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	307202	128.49	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1348265	109.05	ng		0.00
79) Terphenyl-d14	12.79	244	1293966	79.70	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	101297	16.483	ng	#	75
25) Isophorone	7.25	82	767543	49.383	ng	#	64
50) Dimethylphthalate	9.44	163	93466	6.370	ng		99
57) 2,4-Dinitrotoluene	9.72	165	25481	6.515	ng	#	24
67) 4-Bromophenyl-phenylether	10.51	248	17360	4.364	ng	#	1
75) Fluoranthene	12.42	202	142777	7.559	ng		98
78) Pyrene	12.64	202	159178	6.329	ng		98
81) Benzo(a)anthracene	13.83	228	80028	4.197	ng		100
83) Chrysene	13.86	228	89381	4.624	ng		99
88) Benzo(b)fluoranthene	14.85	252	148613	8.412	ng	#	98
89) Benzo(k)fluoranthene	14.85	252	148613	9.372	ng	#	97
90) Benzo(a)pyrene	15.19	252	42936	2.735	ng	#	93

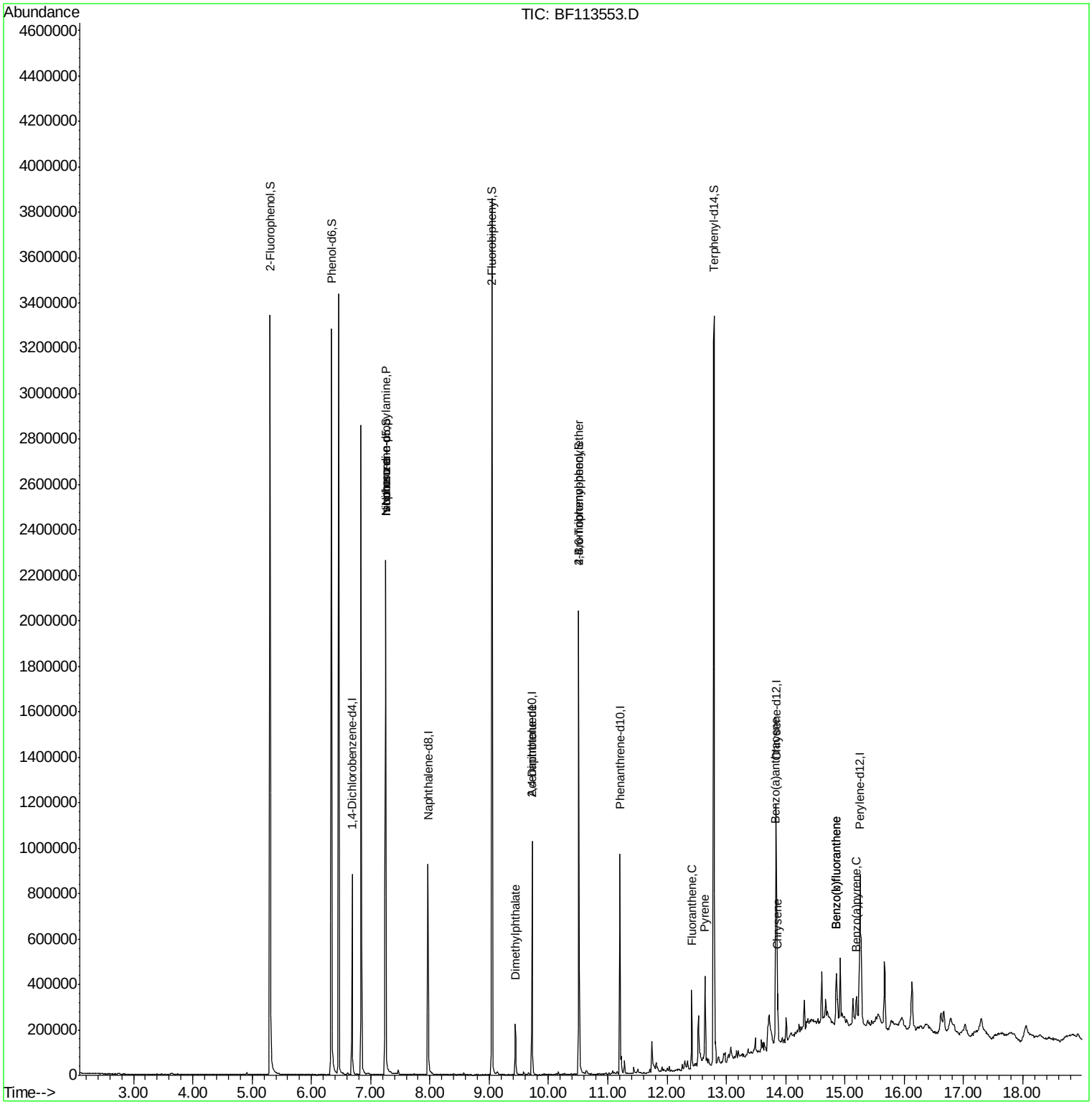
(#) = qualifier out of range (m) = manual integration (+) = signals summed

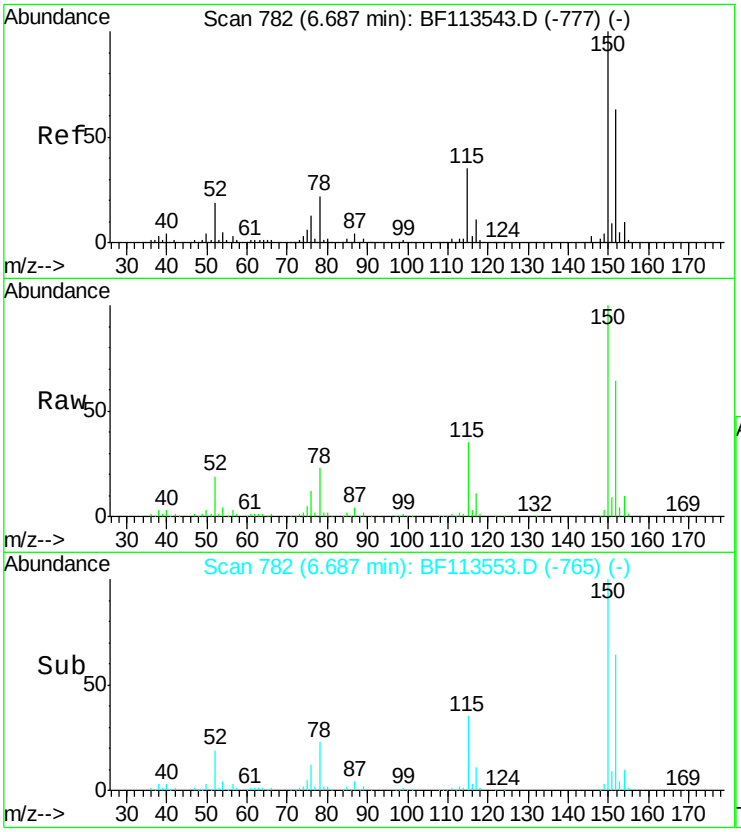
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113553.D
Acq On : 3 Apr 2019 19:47
Operator : JU/SJ
Sample : K2213-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 04 04:26:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



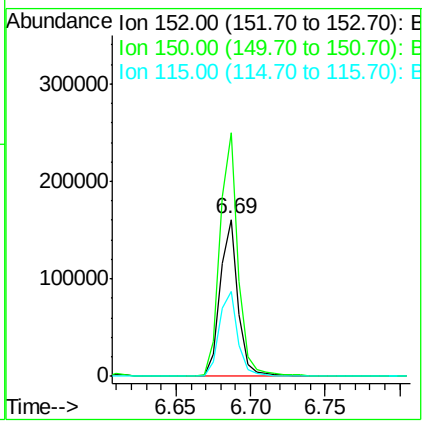


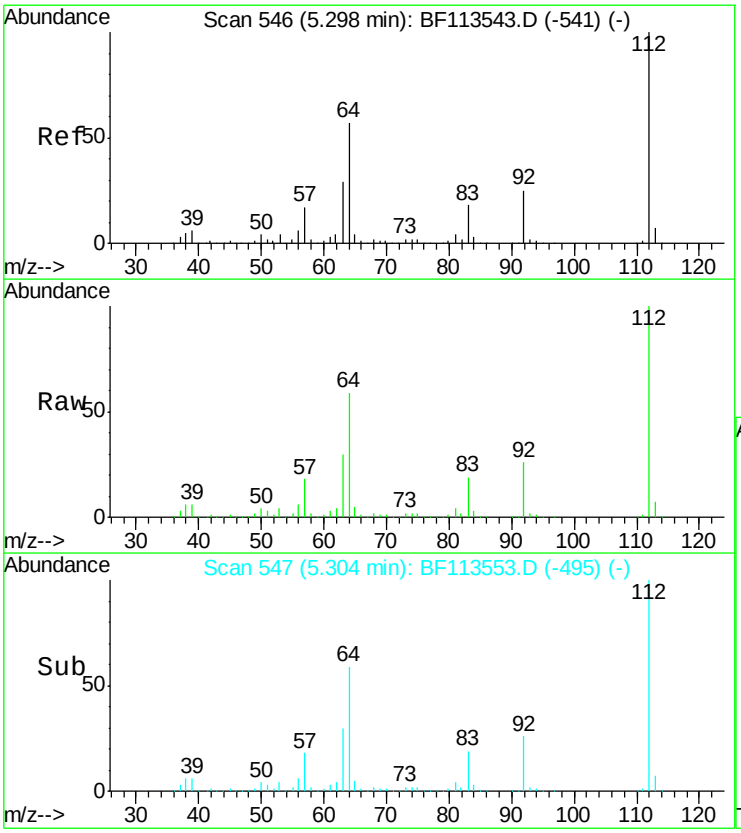
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 137887

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	54.1	46.0	69.0

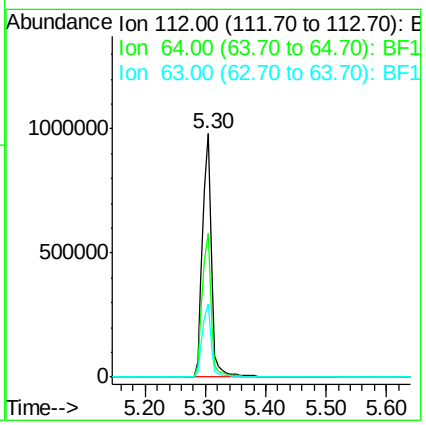


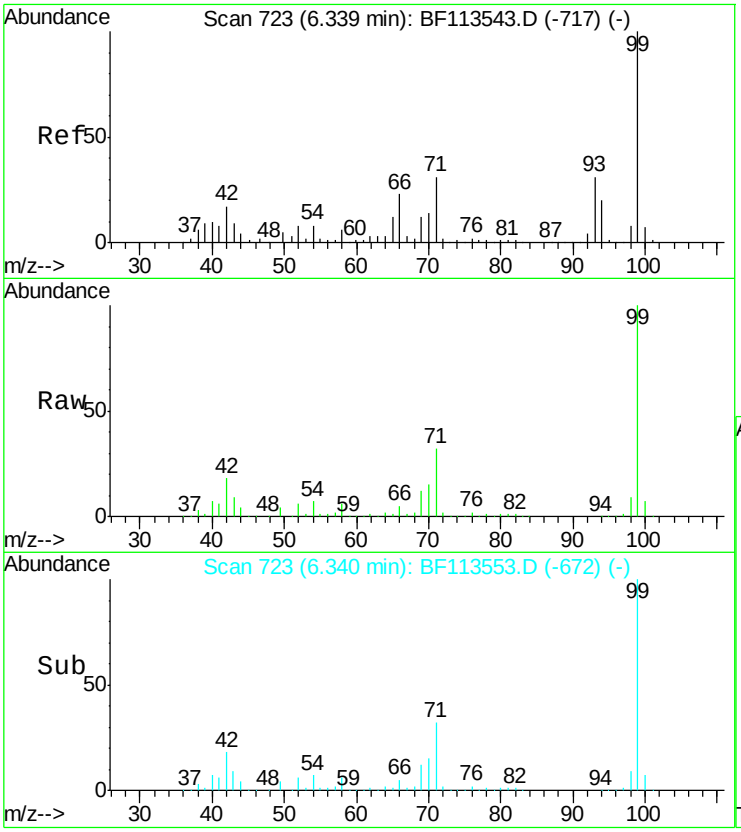


#5
2-Fluorophenol
Concen: 125.517 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:112 Resp: 1014946

Ion	Ratio	Lower	Upper
112	100		
64	59.2	49.2	73.8
63	30.3	24.9	37.3



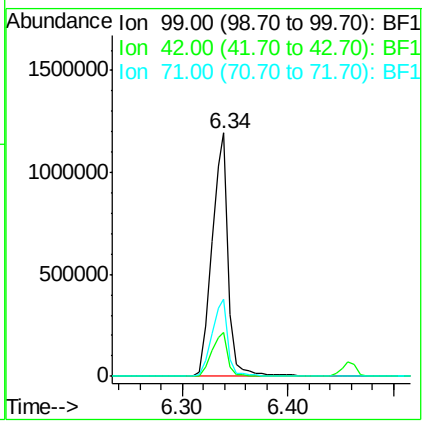


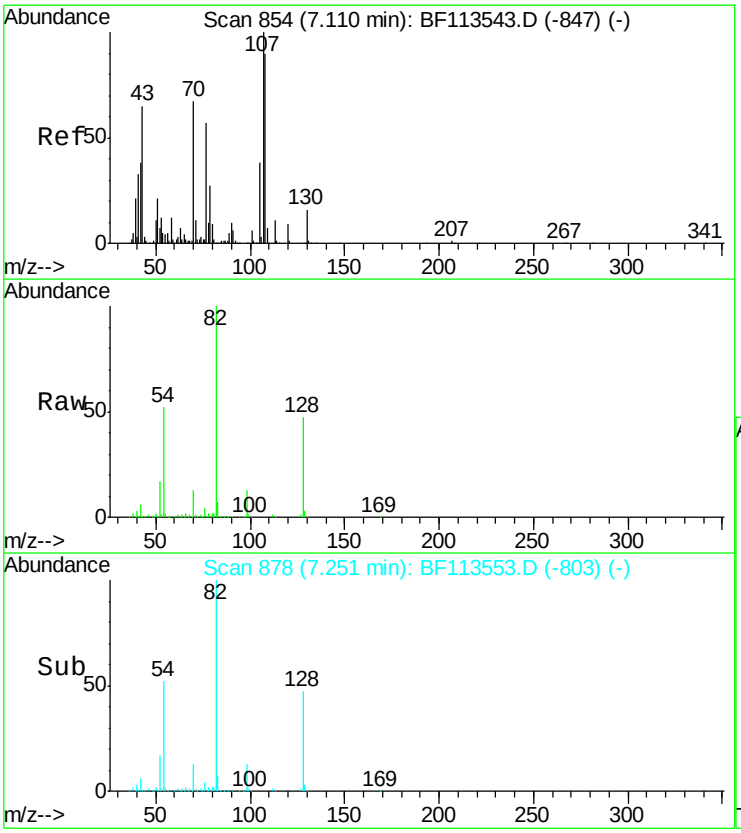
#7
Phenol-d6
Concen: 129.778 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1293390

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.5	24.9	37.3

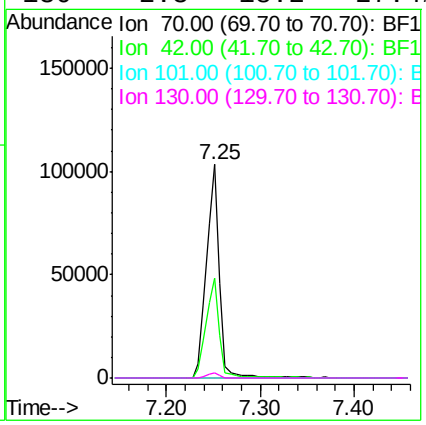


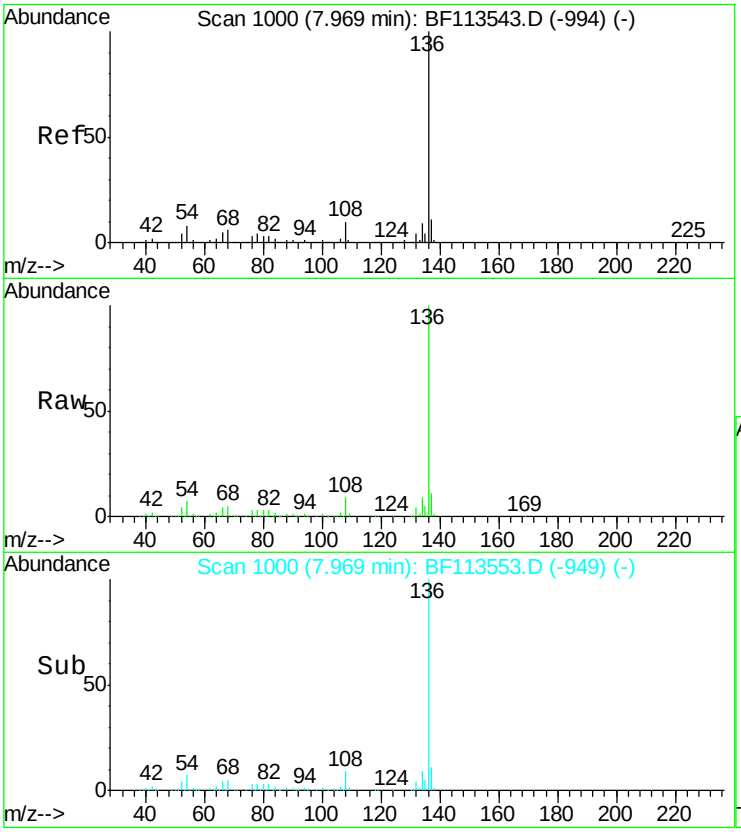


#19
n-Nitroso-di-n-propylamine
Concen: 16.483 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.14 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion: 70 Resp: 101297

Ion	Ratio	Lower	Upper
70	100		
42	46.8	48.4	72.6#
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



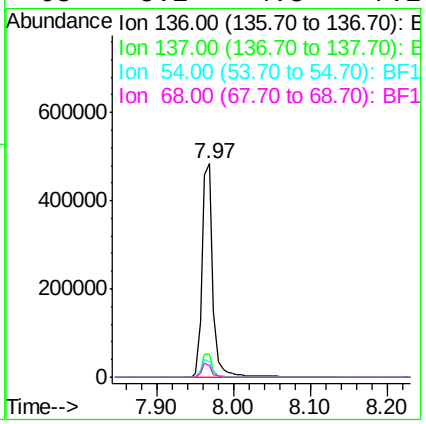


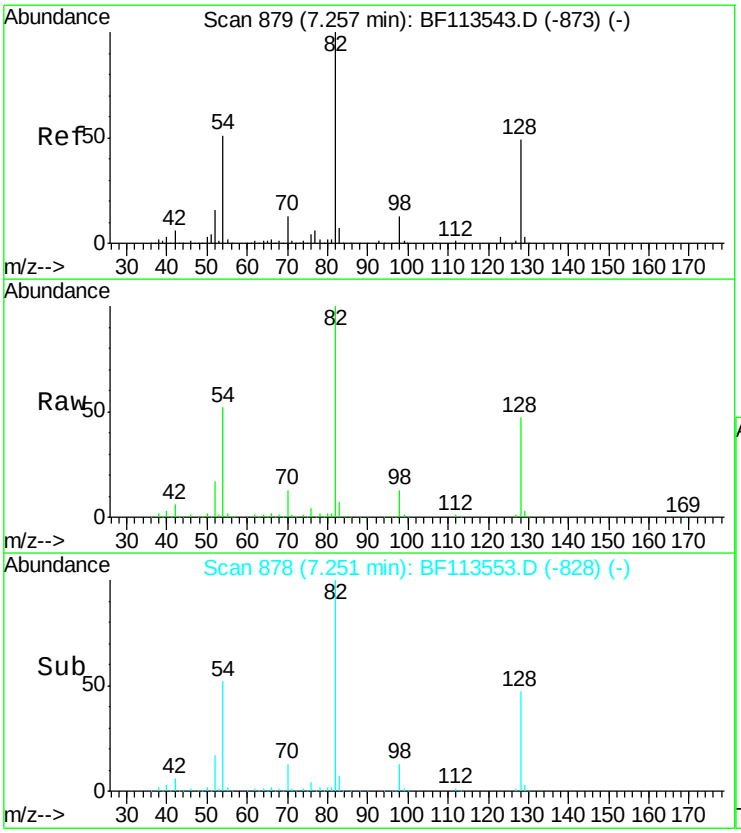
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 472609

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	7.0	10.6#
68	5.2	4.8	7.2

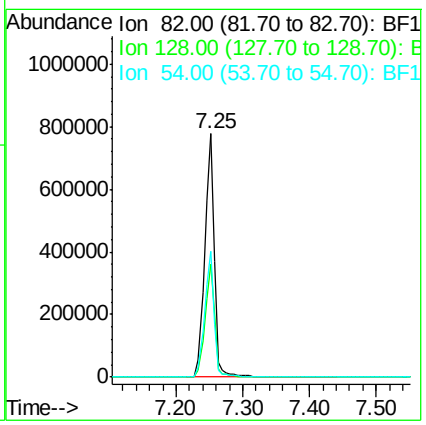


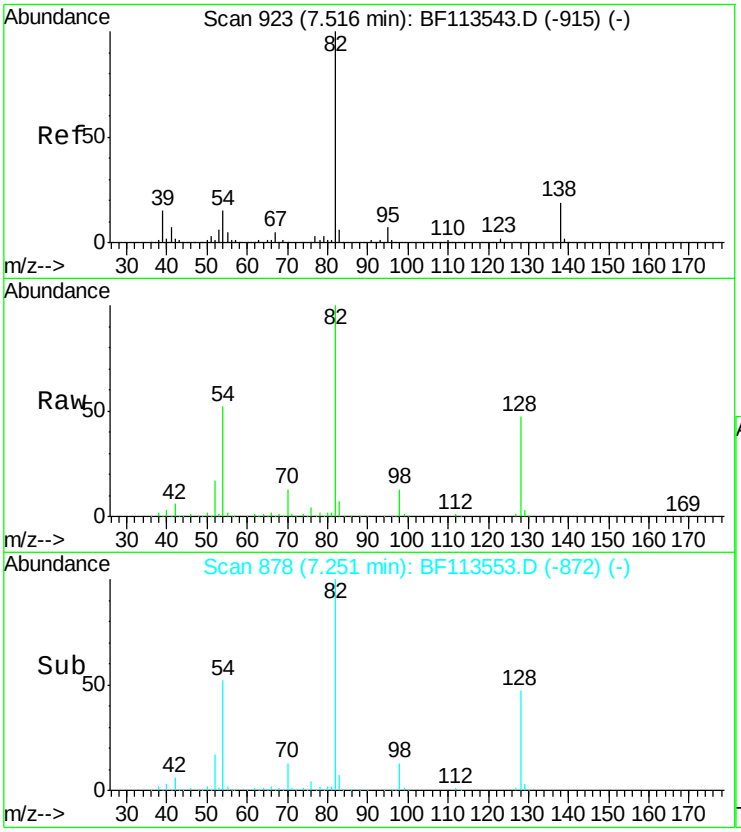


#23
Nitrobenzene-d5
Concen: 96.089 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion: 82 Resp: 775282

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	51.6	42.2	63.2



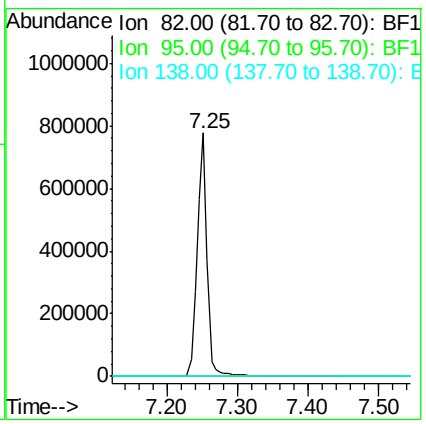


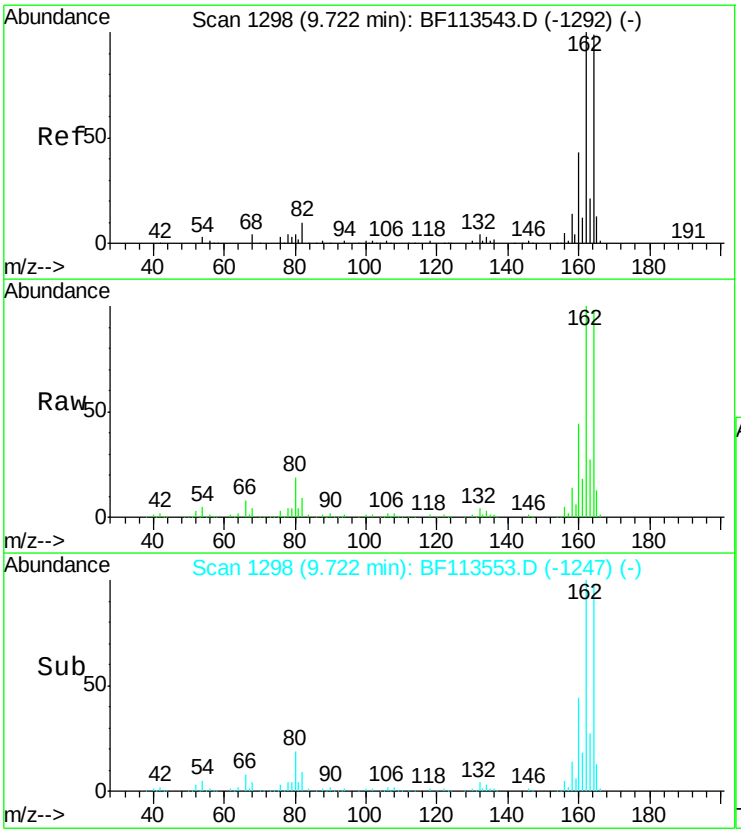
#25
Isophorone
Concen: 49.383 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 767543

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

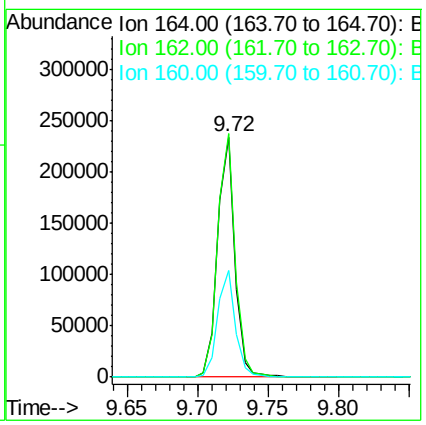


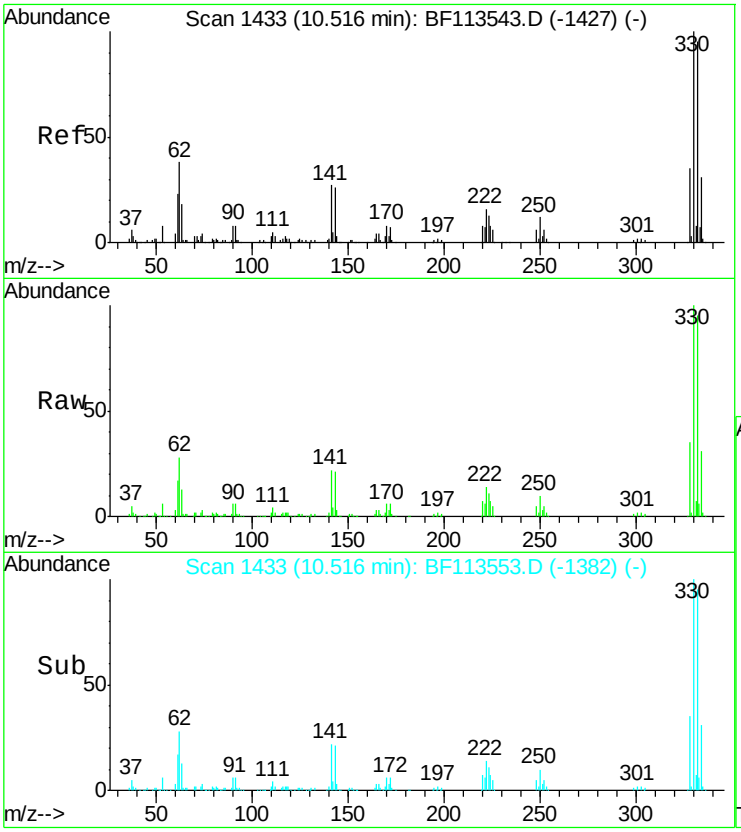


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:164 Resp: 199039

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	44.6	36.4	54.6



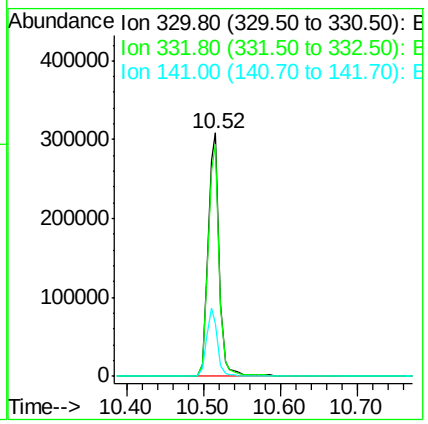


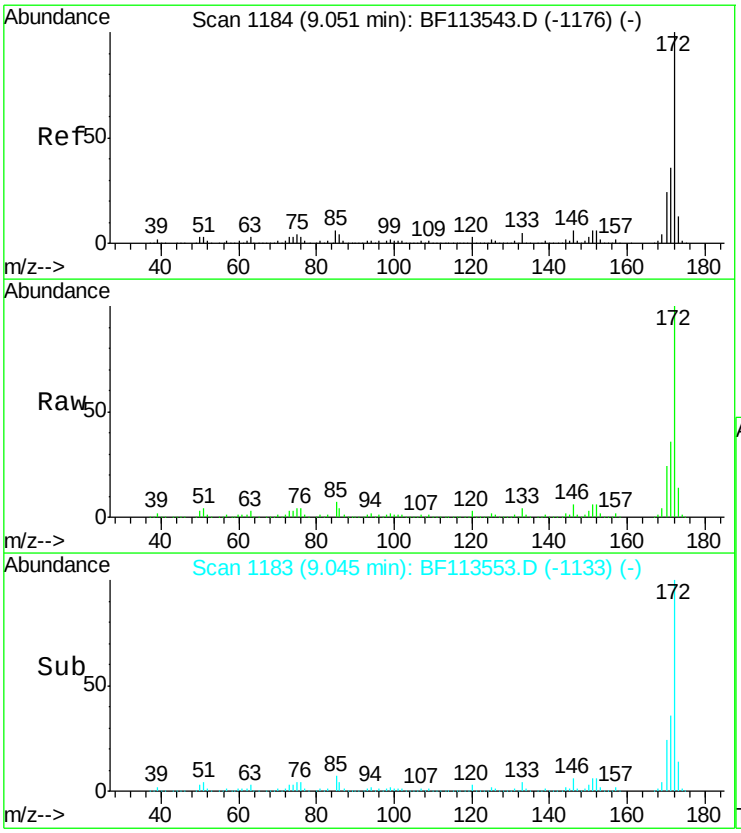
#42
2,4,6-Tribromophenol
Concen: 128.486 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 307202

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	27.5	22.7	34.1

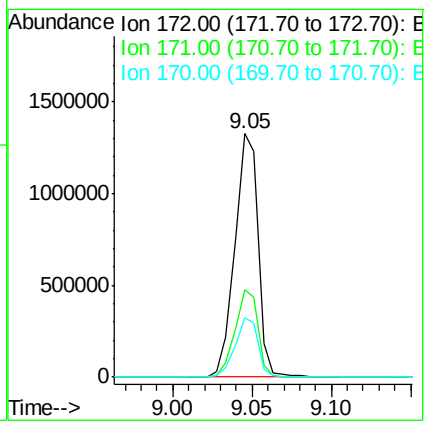


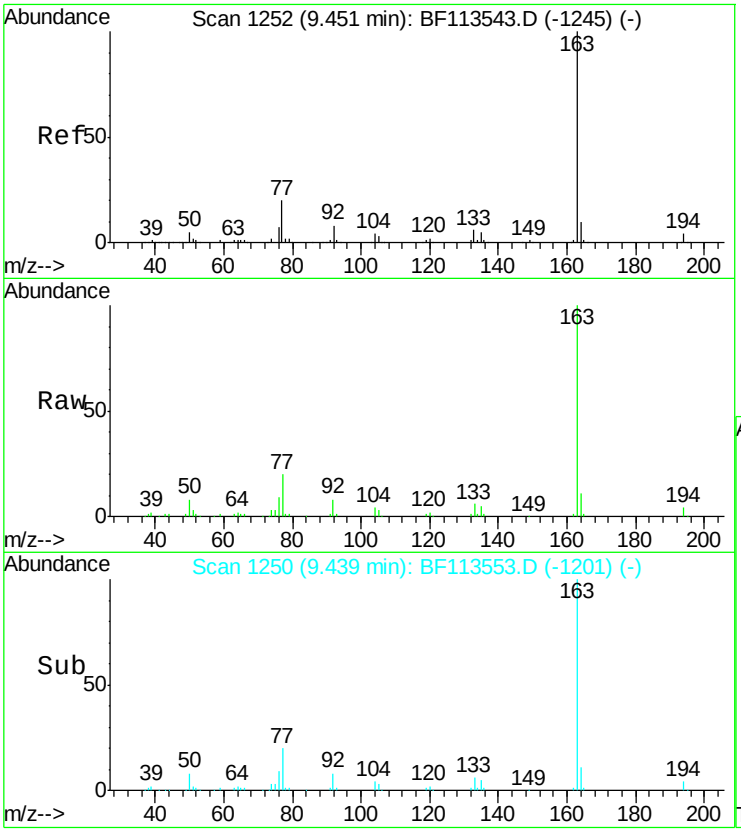


#45
2-Fluorobiphenyl
Concen: 109.052 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:172 Resp: 1348265

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.4	19.5	29.3



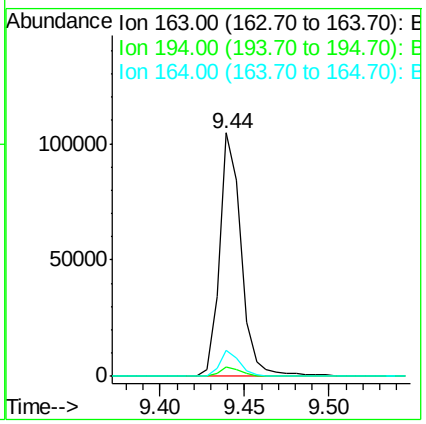


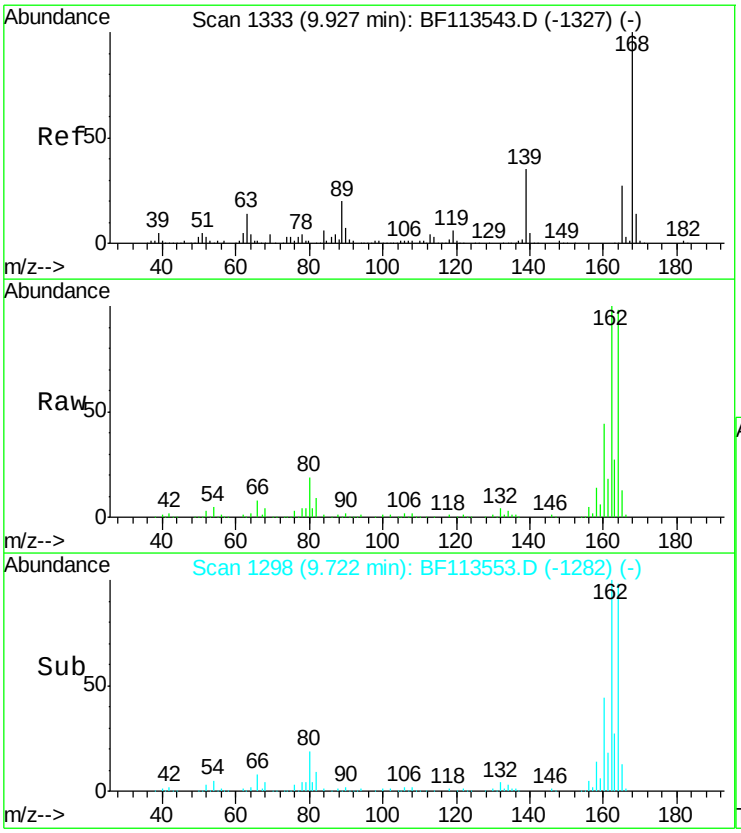
#50
Dimethylphthalate
Concen: 6.370 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 93466

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.6	8.1	12.1

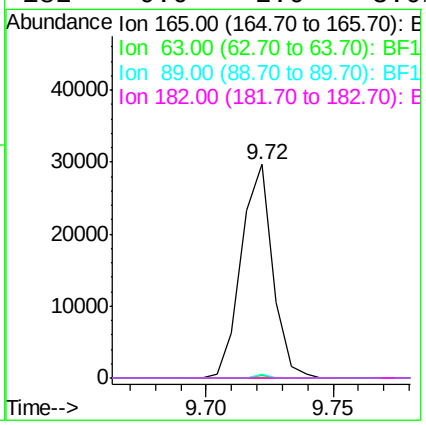


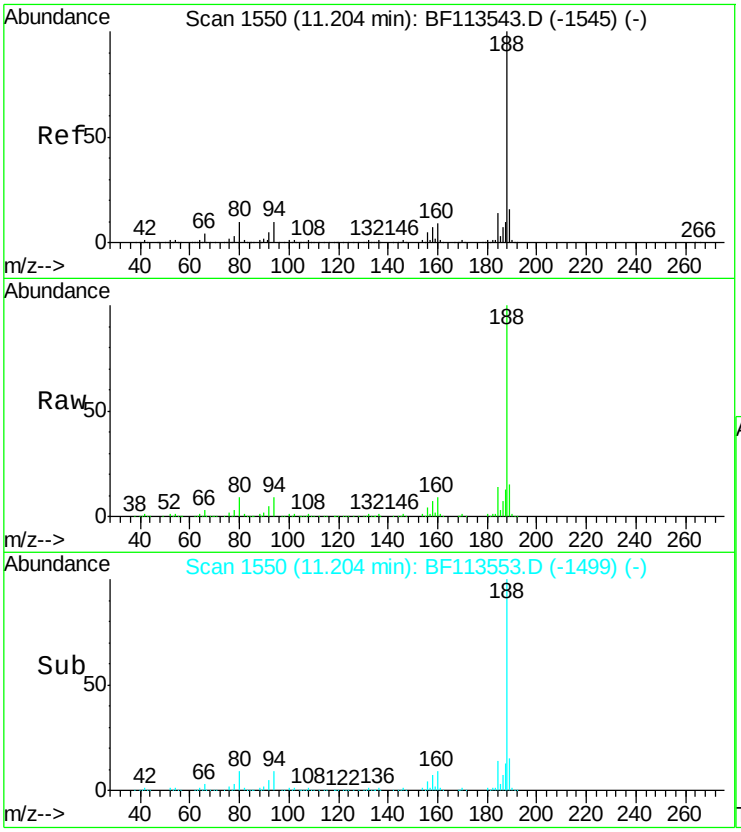


#57
2,4-Dinitrotoluene
Concen: 6.515 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.7	57.4	86.2#
182	0.0	2.0	3.0#



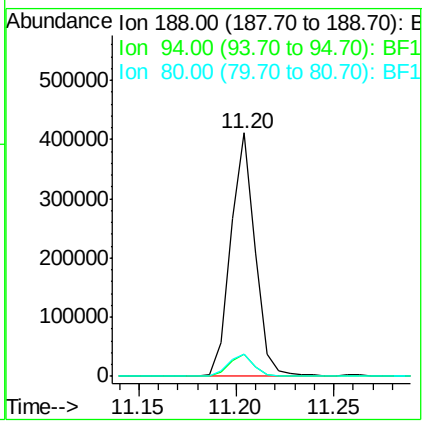


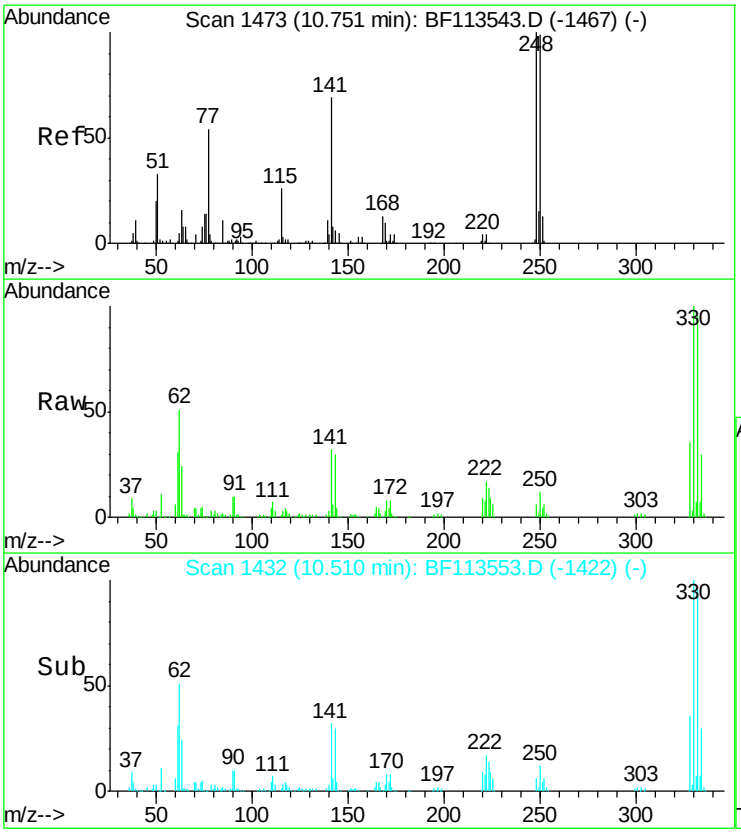
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 354707

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.4	7.7	11.5

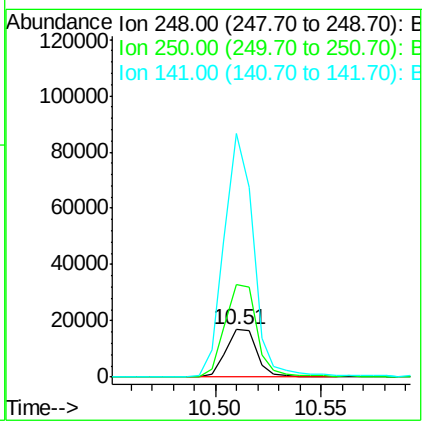


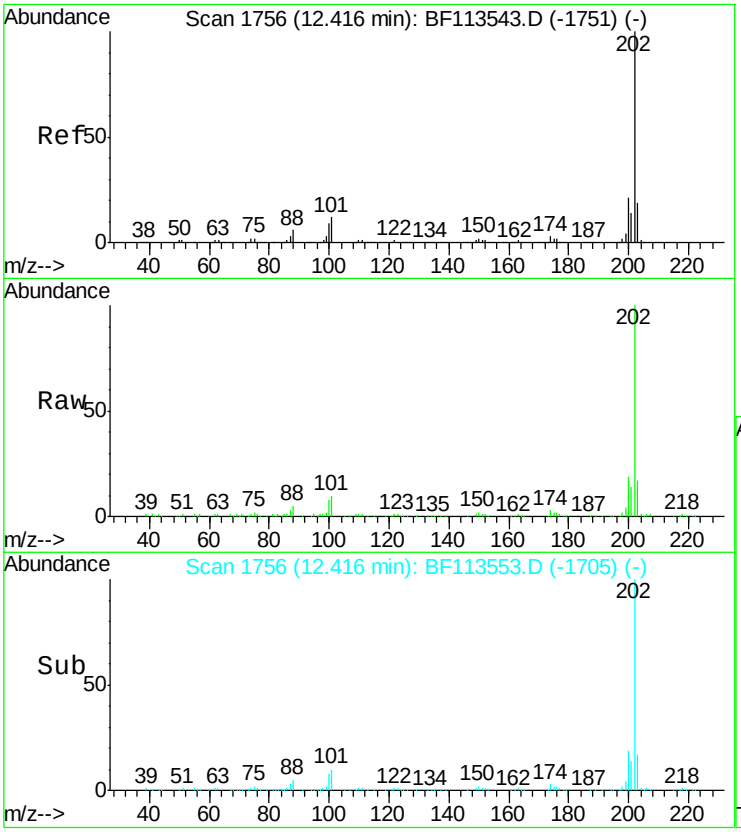


#67
4-Bromophenyl-phenylether
Concen: 4.364 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:248 Resp: 17360

Ion	Ratio	Lower	Upper
248	100		
250	195.6	78.3	117.5#
141	513.7	56.2	84.4#



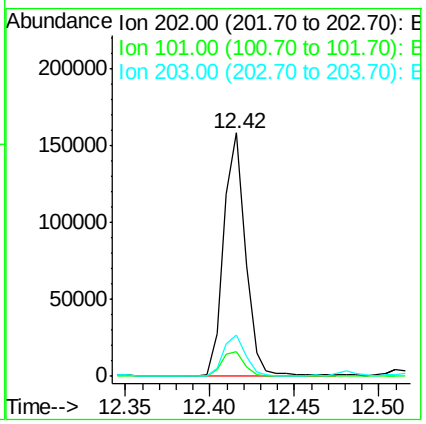


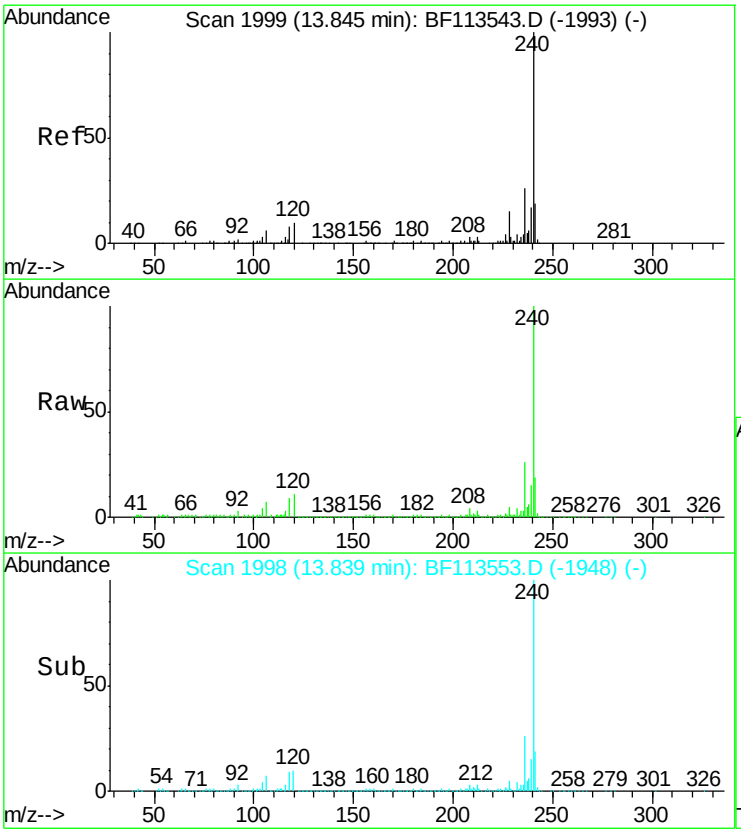
#75
Fluoranthene
Concen: 7.559 ng
RT: 12.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 142777

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.1	0.0	38.0

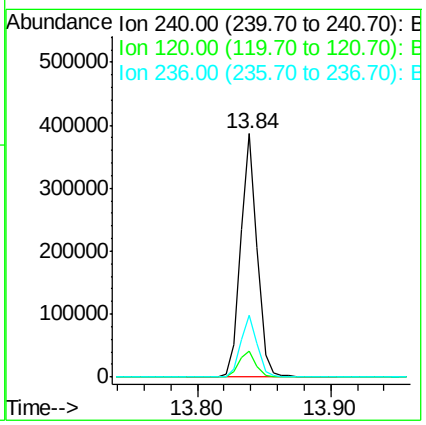


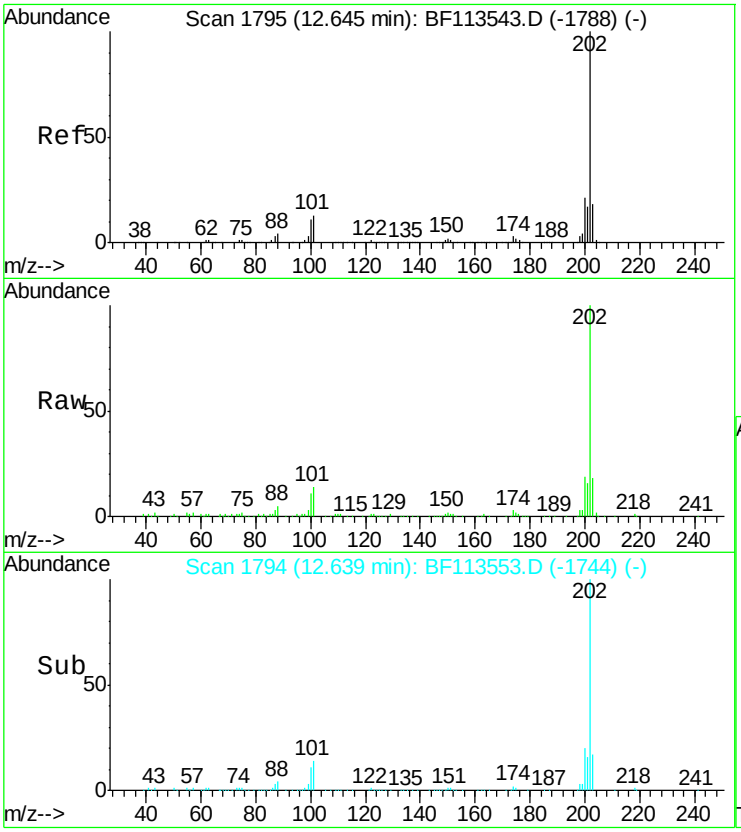


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:240 Resp: 330557

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	25.6	20.9	31.3



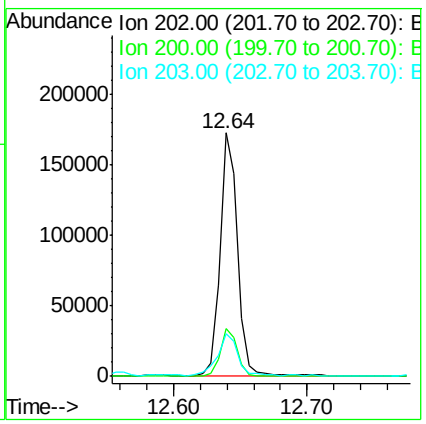


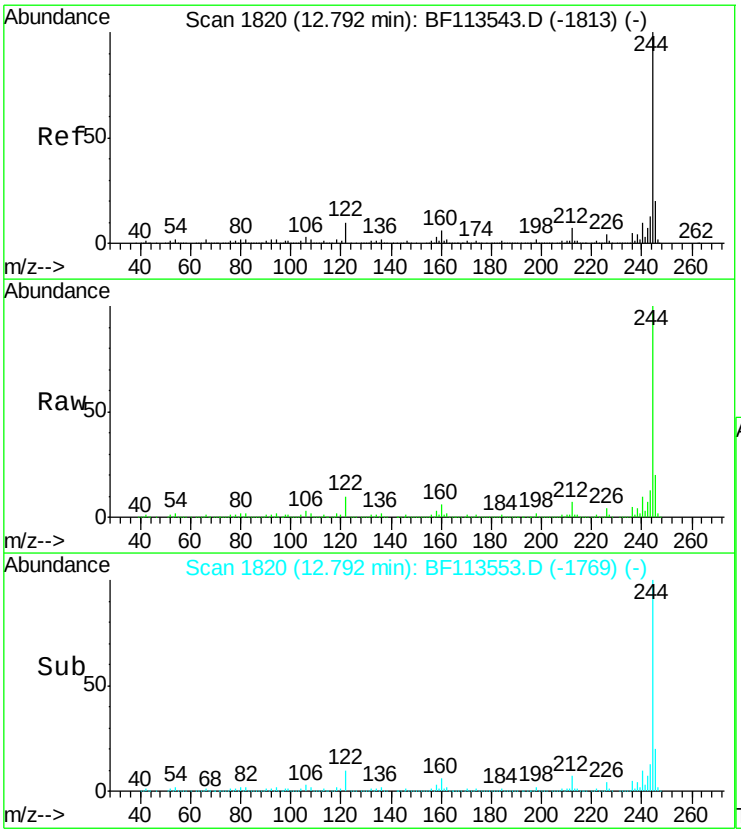
#78
Pyrene
Concen: 6.329 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 159178

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.8	25.2
203	17.7	14.4	21.6

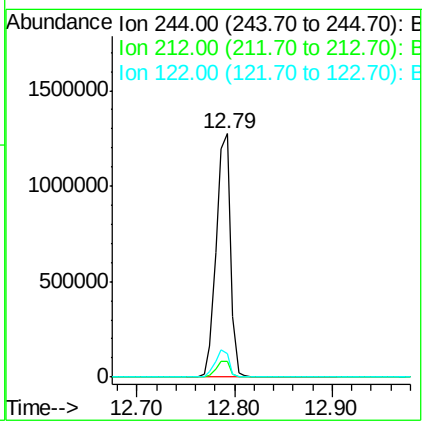


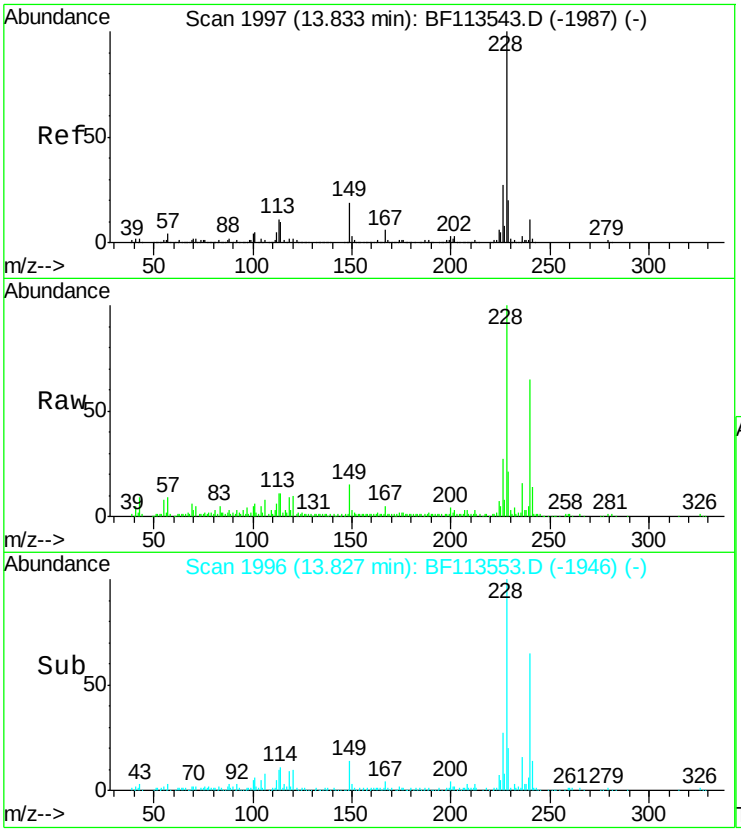


#79
Terphenyl-d14
Concen: 79.700 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:244 Resp: 1293966

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	9.8	8.6	13.0



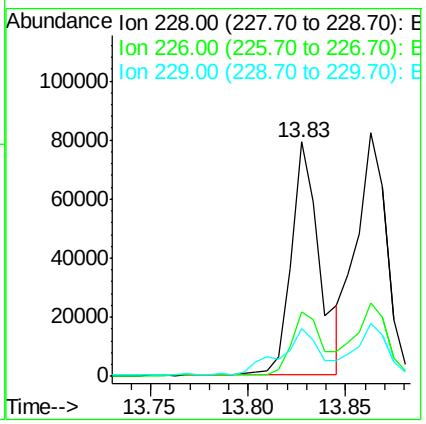


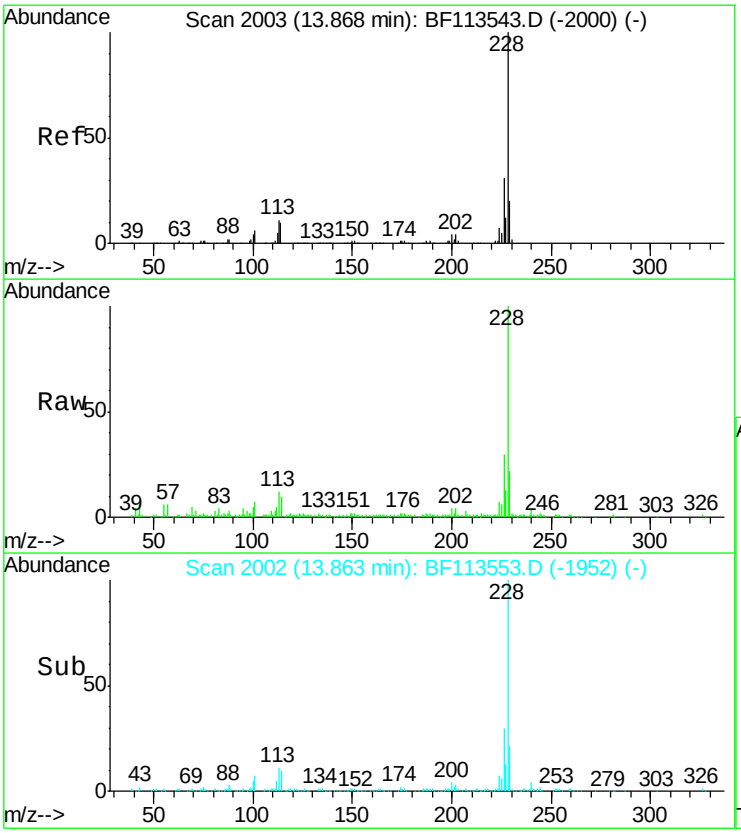
#81
Benzo(a)anthracene
Concen: 4.197 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 80028

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.6	16.2	24.4

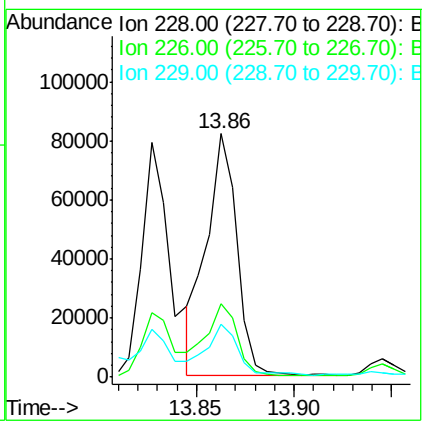


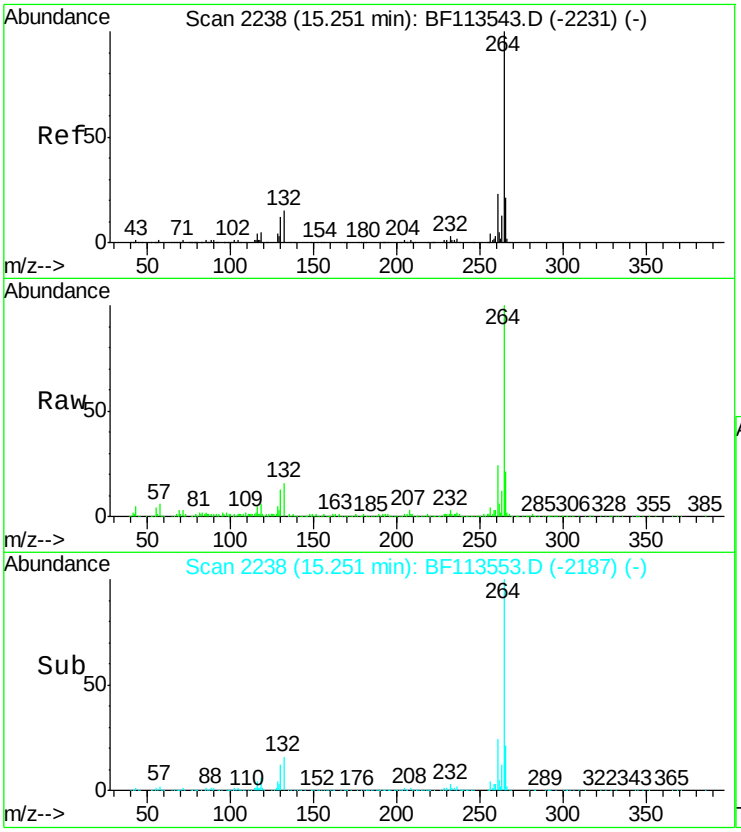


#83
Chrysene
Concen: 4.624 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:228 Resp: 89381

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	21.9	16.3	24.5



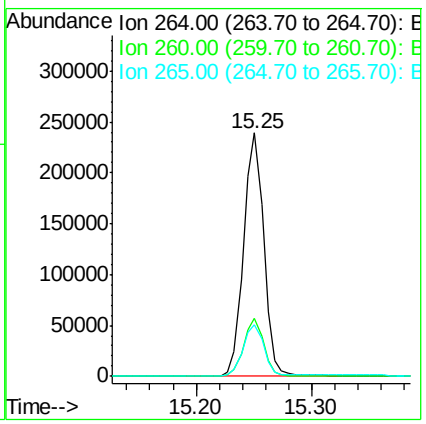


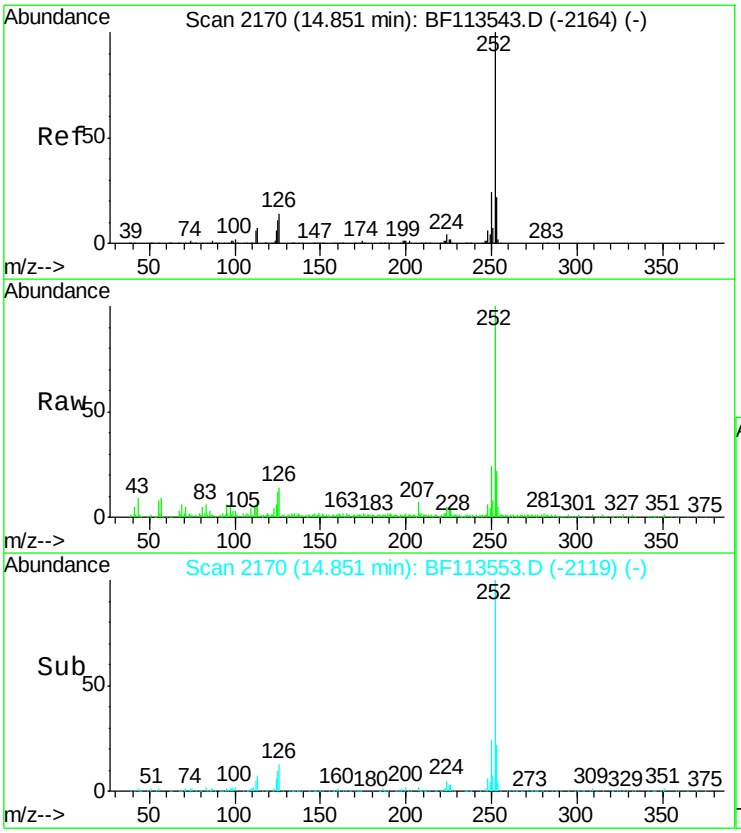
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 288629

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.4	17.1	25.7

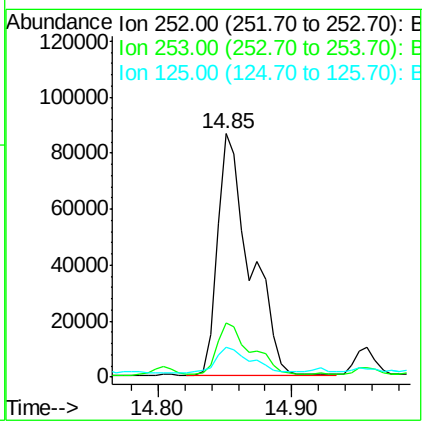


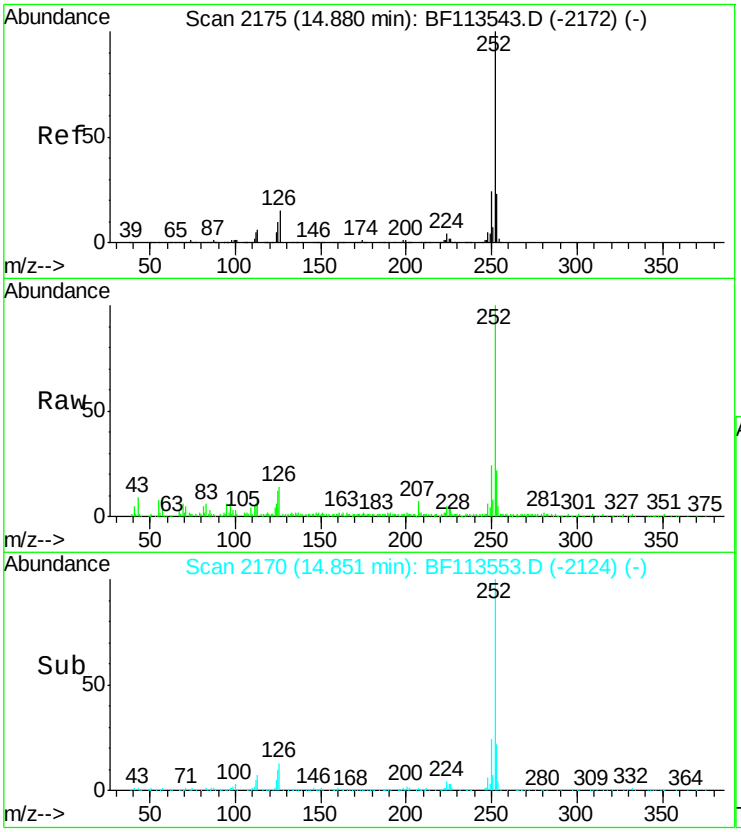


#88
Benzo(b)fluoranthene
Concen: 8.412 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:252 Resp: 148613

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.0	7.6	11.4#



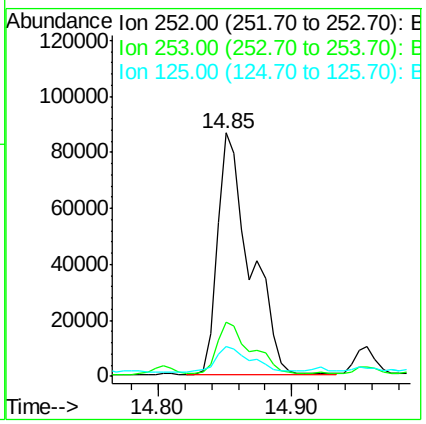


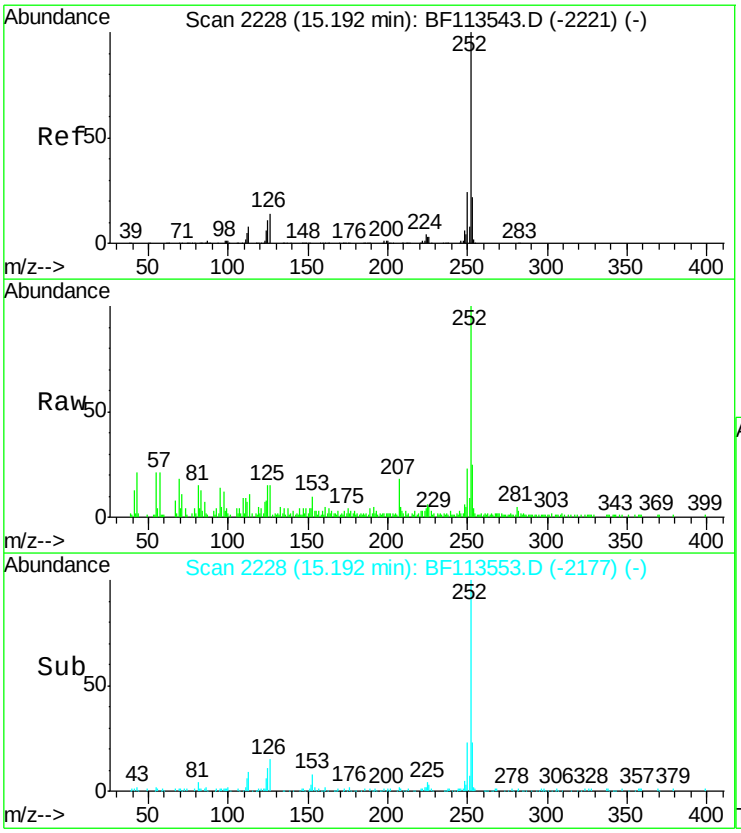
#89
Benzo(k)fluoranthene
Concen: 9.372 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 148613

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.0	7.3	10.9#





#90
Benzo(a)pyrene
Concen: 2.735 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113553.D
Acq: 3 Apr 2019 19:47

Tgt Ion:252 Resp: 42936

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.0	8.8	13.2#