Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
Data File : BF114027.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : K2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 30 01:21:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126126	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471956	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	247724	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	483222	20.00	ng	0.00
76) Chrysene-d12	14.04	240	319742	20.00	ng	-0.02
87) Perylene-d12	15.54	264	364220	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	664445	90.10	ng	0.00
7) Phenol-d6	6.52	99	869202	93.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	525468	68.74	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	277976	92.11	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1084724	68.48	ng	-0.01
79) Terphenyl-d14	12.99	244	1153874	73.98	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1225	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	70440	11.757	ng	# 78
25) Isophorone	7.45	82	523415	33.466	ng	# 65
50) Dimethylphthalate	9.63	163	162428	9.066	ng	99
57) 2,4-Dinitrotoluene	9.92	165	31410	6.474	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.71	198	333	7.436	ng	# 1
67) 4-Bromophenyl-phenylether	10.71	248	17749	3.041	ng	# 1
75) Fluoranthene	12.62	202	101401	3.827	ng	97
78) Pyrene	12.85	202	85669	3.831	ng	96
83) Chrysene	14.07	228	42199	2.300	ng	97
88) Benzo(b)fluoranthene	15.10	252	75414	3.273	ng	96
89) Benzo(k)fluoranthene	15.10	252	75414	3.805	ng	97

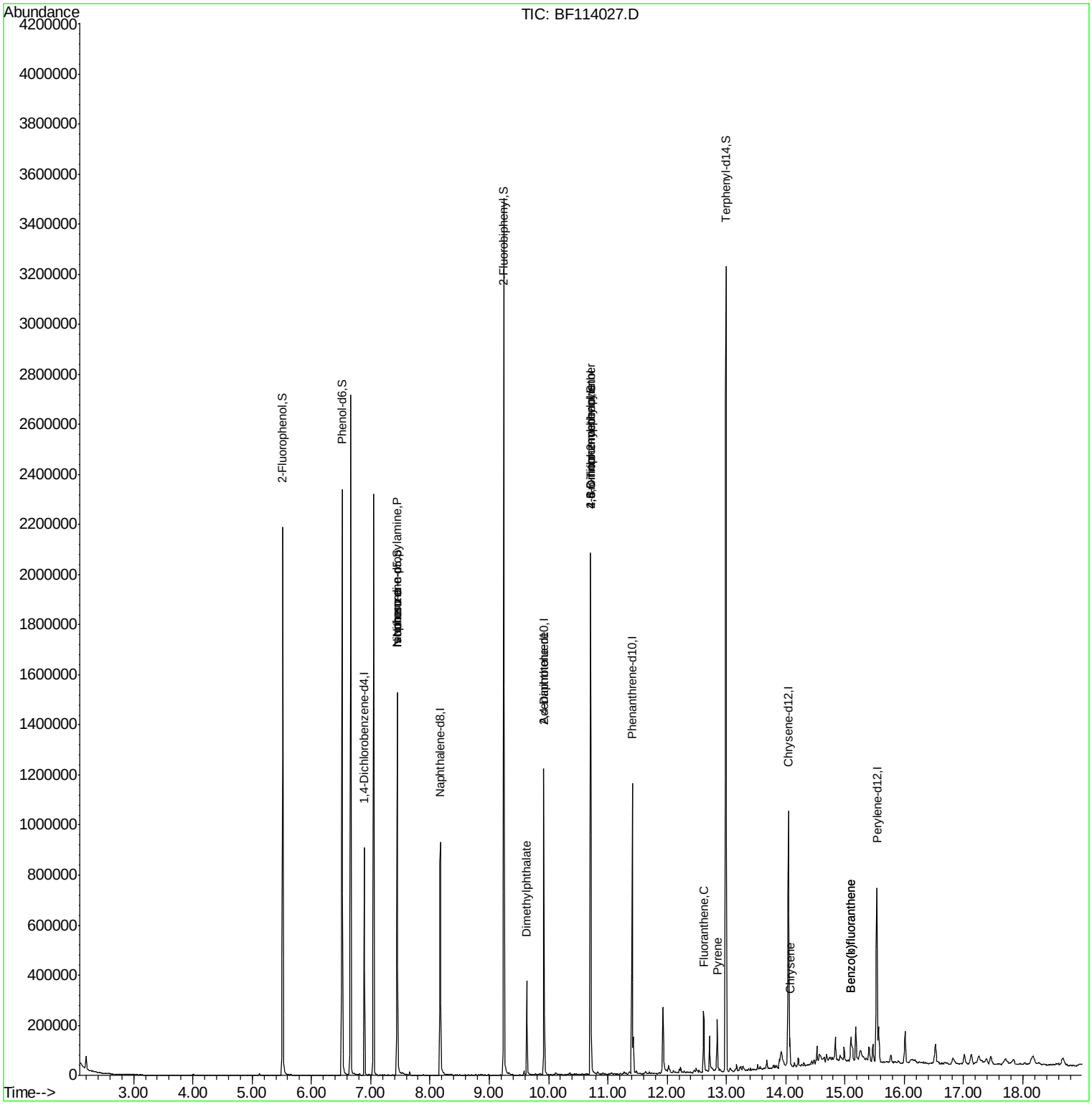
(#) = qualifier out of range (m) = manual integration (+) = signals summed

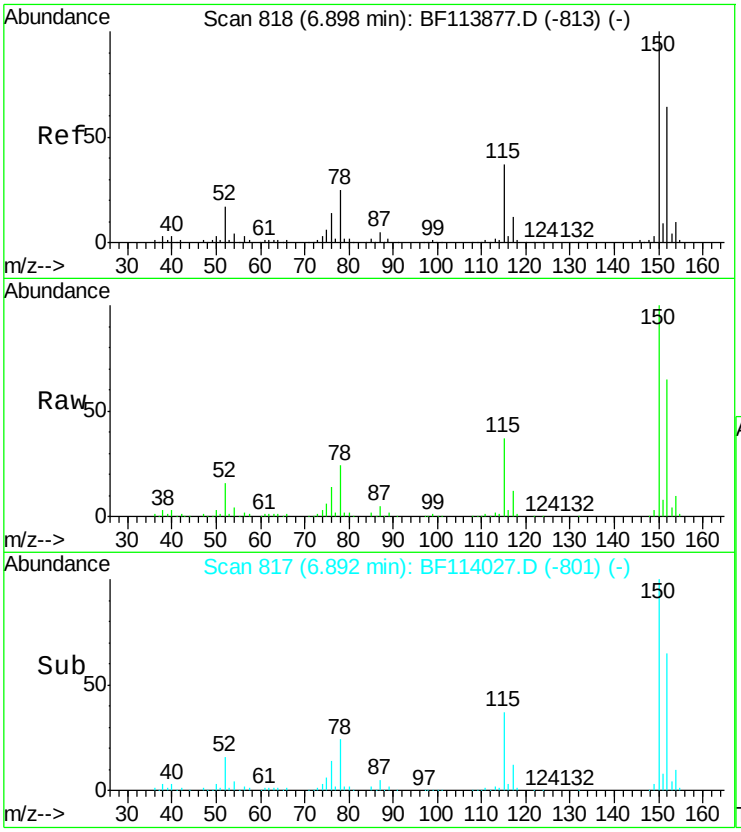
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
Data File : BF114027.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : K2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 30 01:21:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



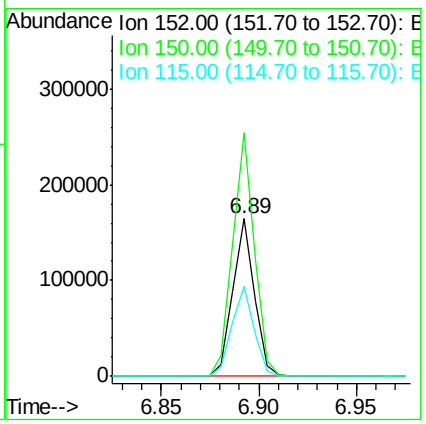


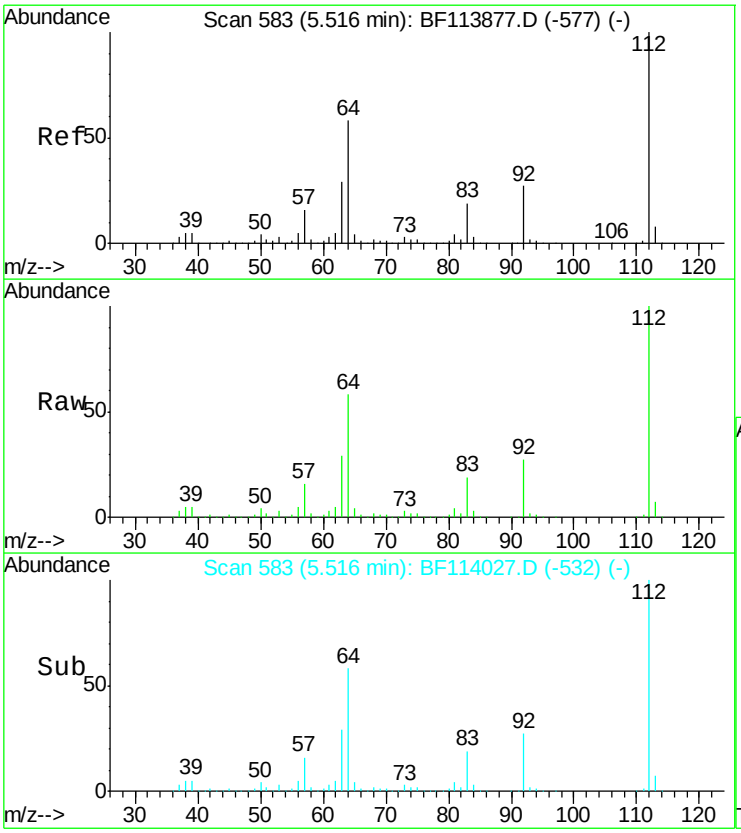
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126126

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.9	188.9
115	57.1	45.9	68.9

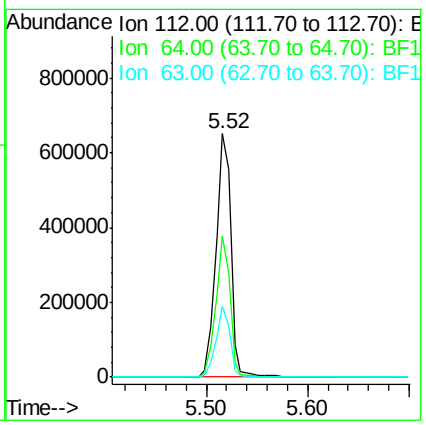


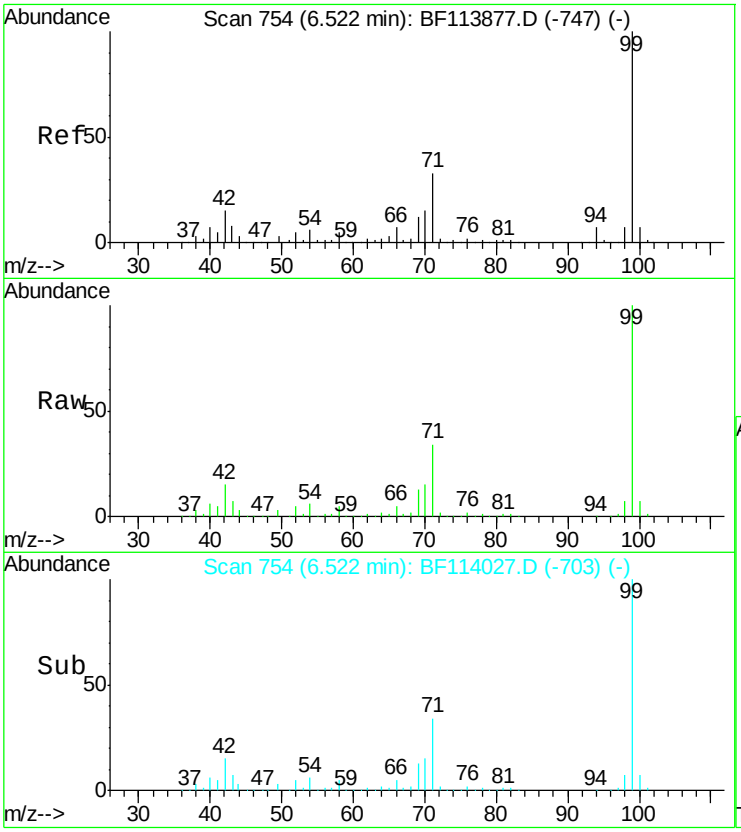


#5
2-Fluorophenol
Concen: 90.103 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:112 Resp: 664445

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.6	69.8
63	28.8	23.1	34.7



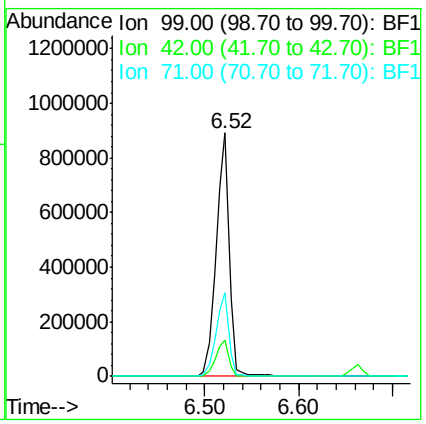


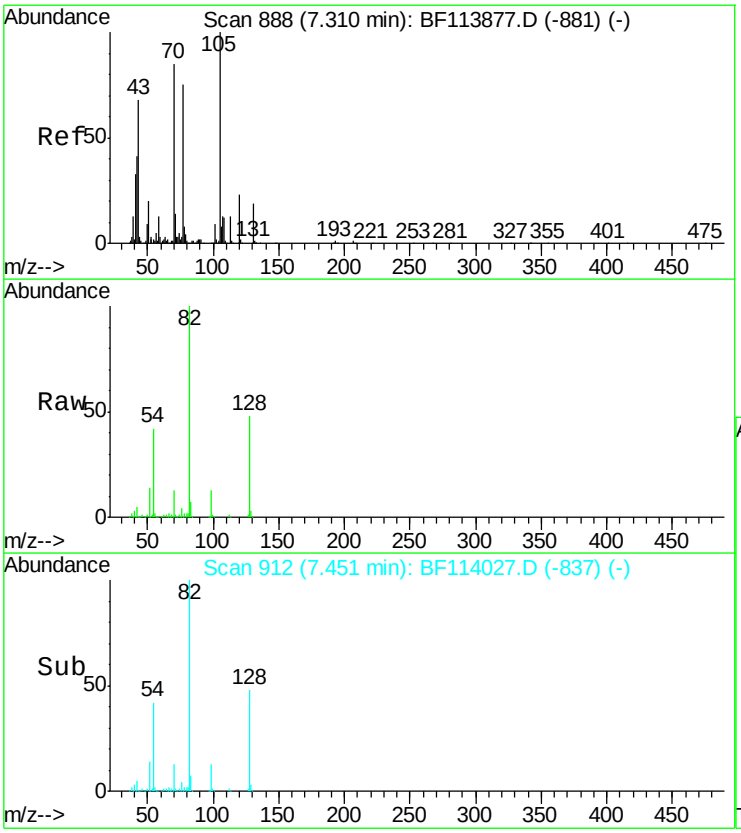
#7
Phenol-d6
Concen: 93.949 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 869202

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	34.1	26.9	40.3

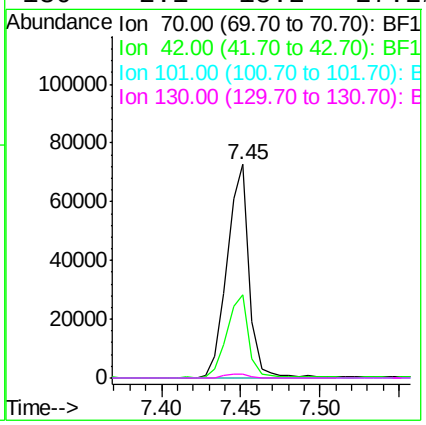


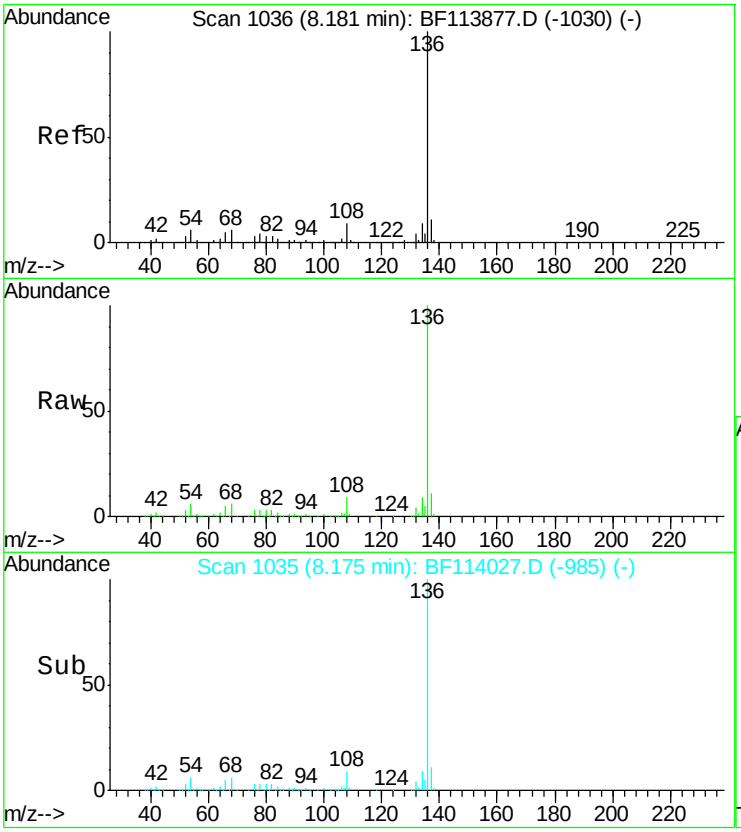


#19
n-Nitroso-di-n-propylamine
Concen: 11.757 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 70 Resp: 70440

Ion	Ratio	Lower	Upper
70	100		
42	39.0	37.3	55.9
101	0.0	7.8	11.8#
130	2.1	18.2	27.2#



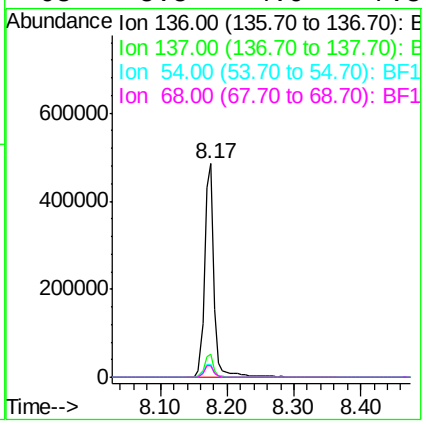


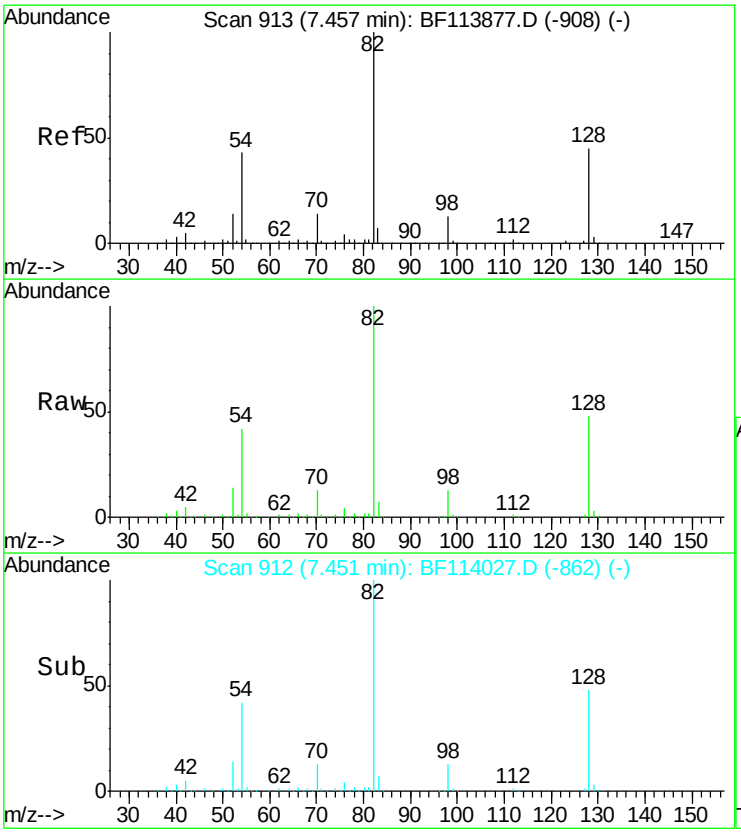
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 471956

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	5.8	5.0	7.6
68	5.5	4.9	7.3

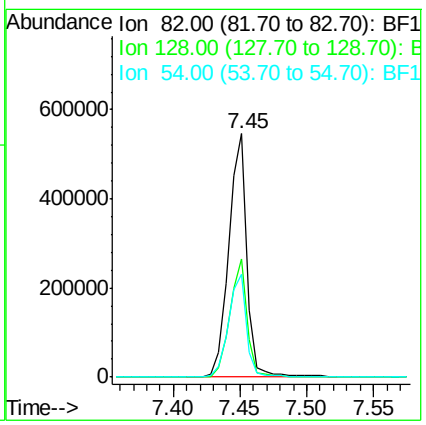


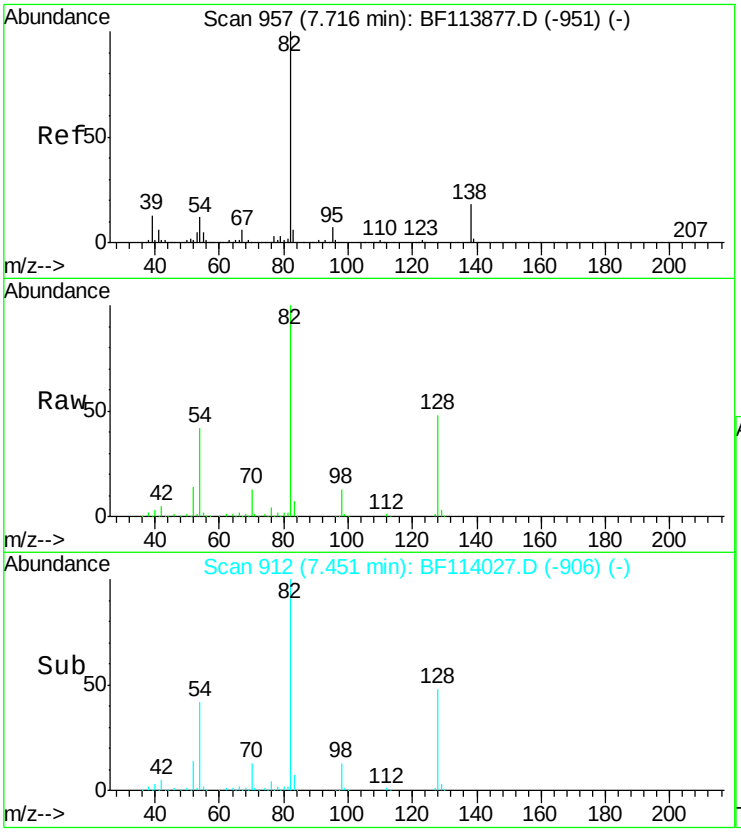


#23
Nitrobenzene-d5
Concen: 68.745 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion: 82 Resp: 525468

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.8	55.2
54	42.2	33.8	50.6



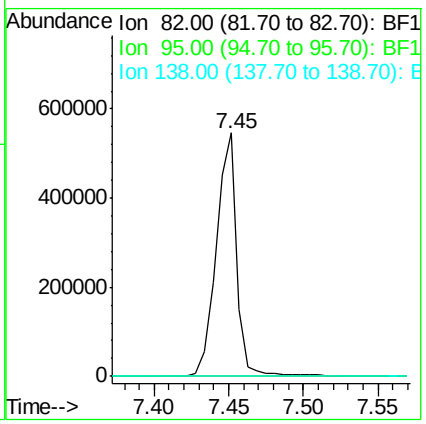


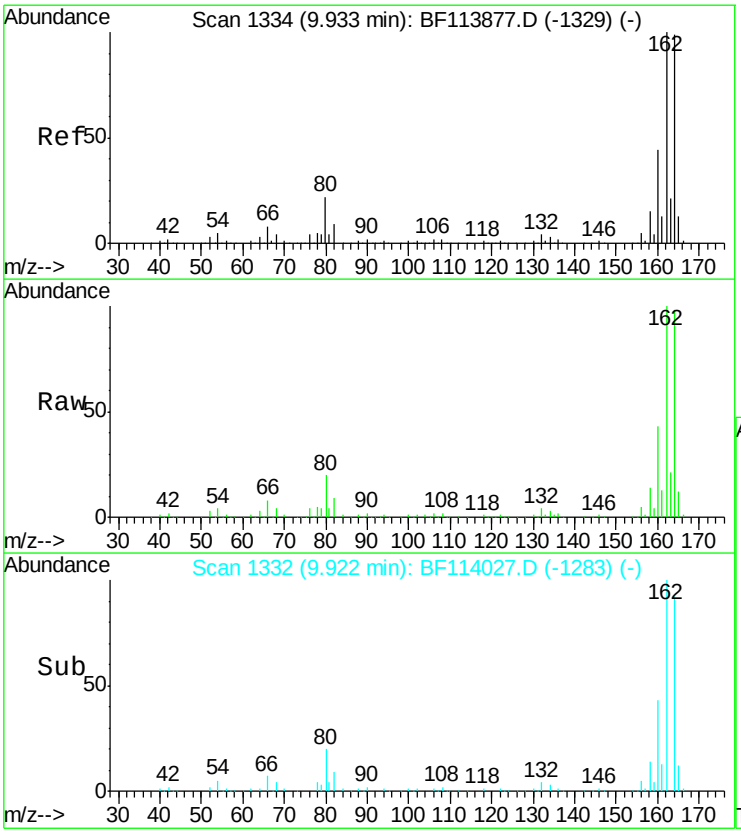
#25
Isophorone
Concen: 33.466 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 523415

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

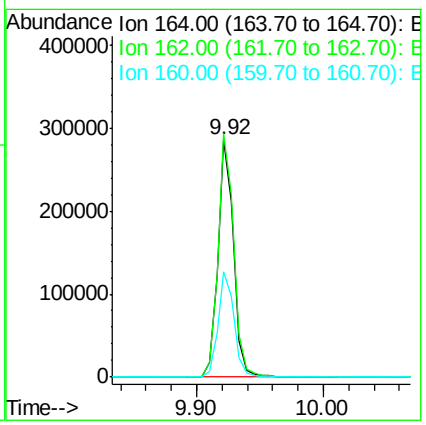


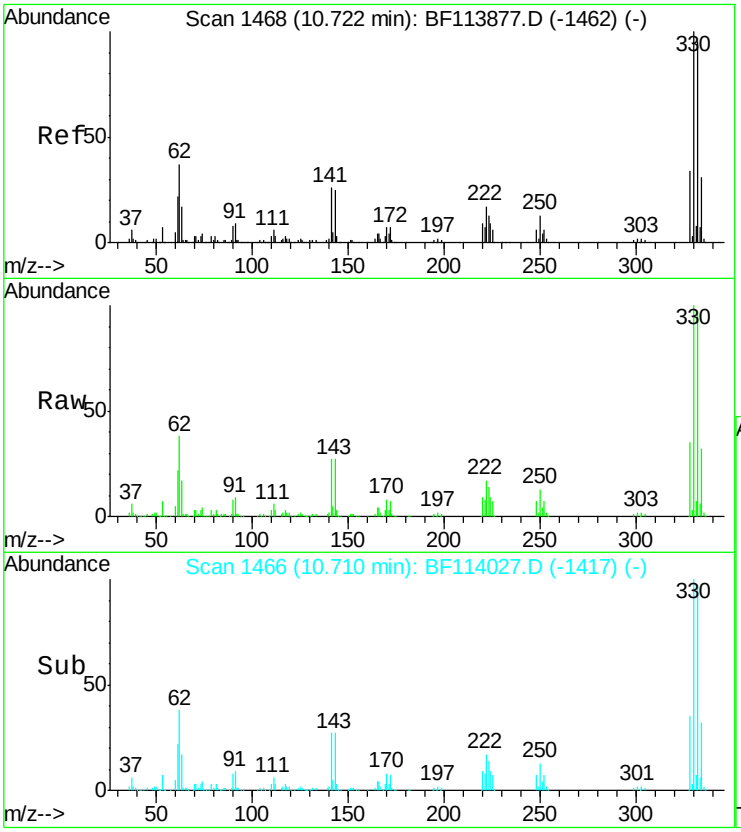


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:164 Resp: 247724

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.1	121.7
160	44.2	35.8	53.6



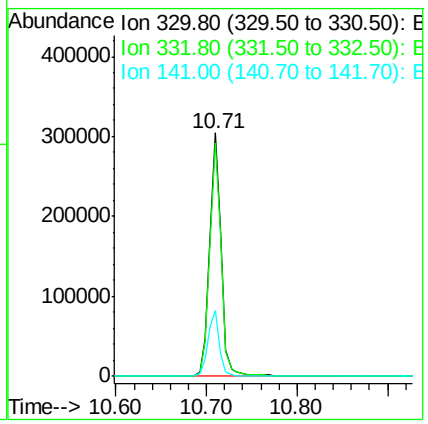


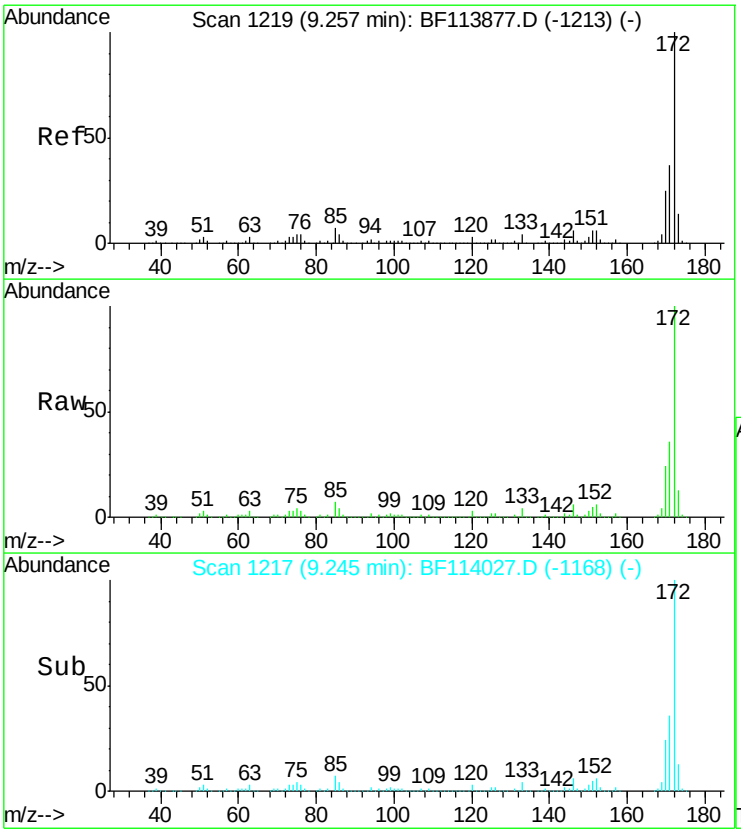
#42
2,4,6-Tribromophenol
Concen: 92.113 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 277976

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.5	116.3
141	26.9	22.2	33.2

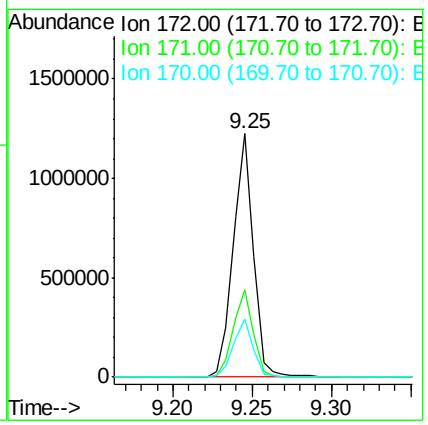


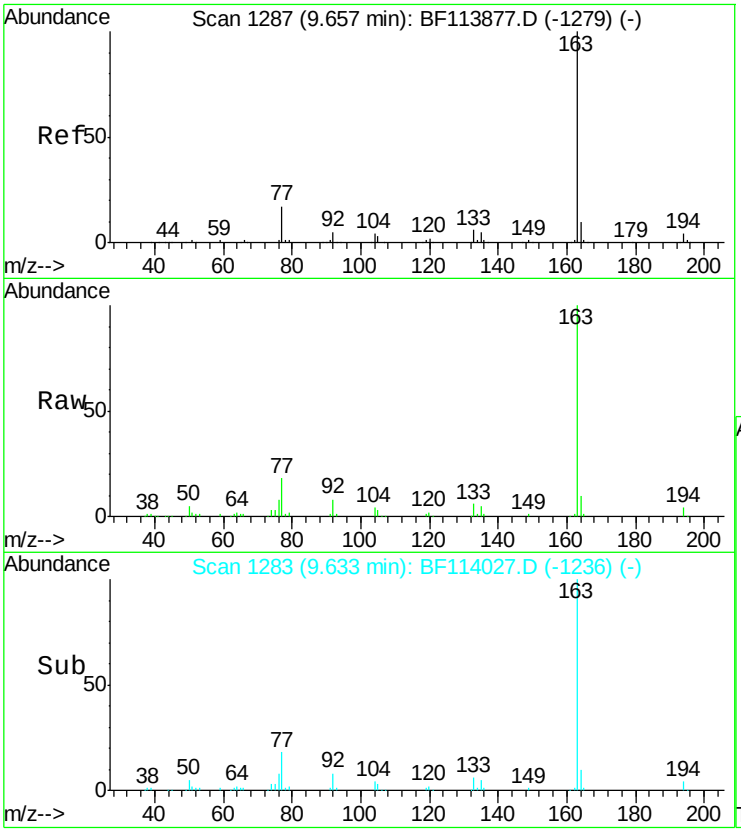


#45
2-Fluorobiphenyl
Concen: 68.485 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:172 Resp: 1084724

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.0	19.9	29.9



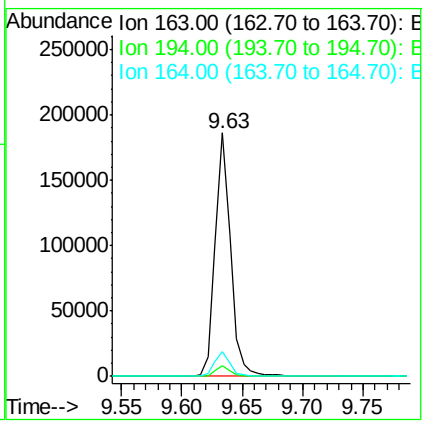


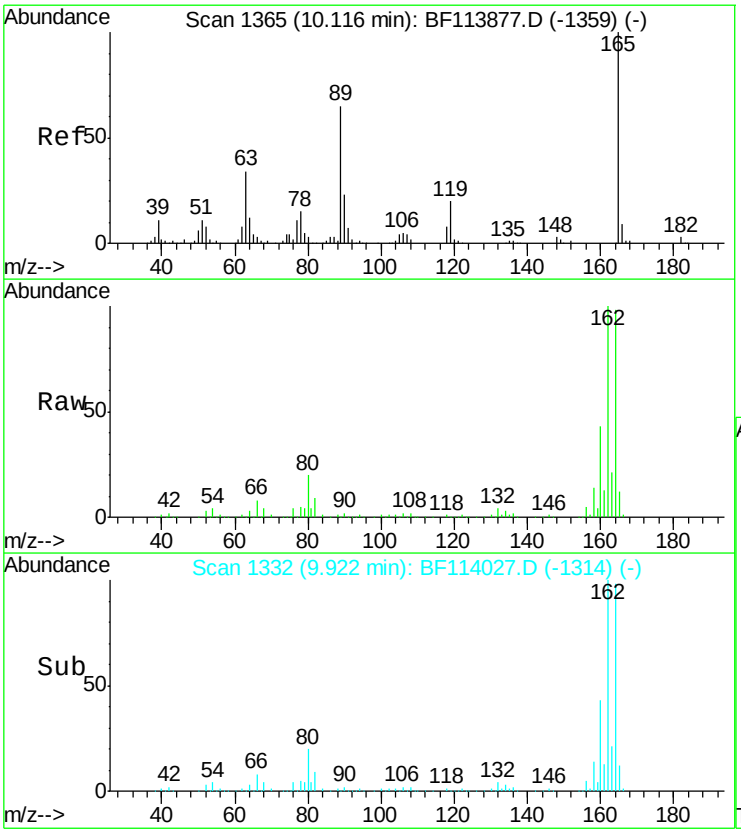
#50
Dimethylphthalate
Concen: 9.066 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 162428

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	8.5	12.7

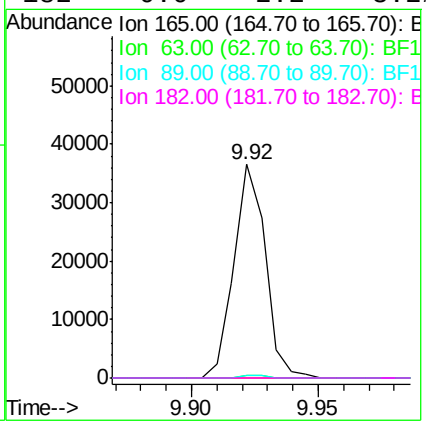


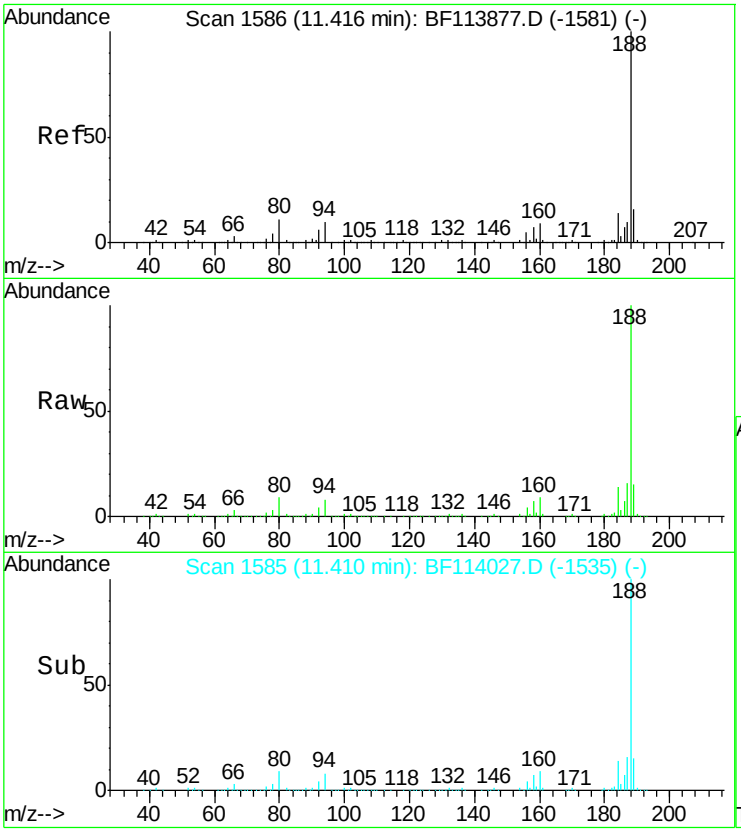


#57
2,4-Dinitrotoluene
Concen: 6.474 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:165 Resp: 31410

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.4	41.0#
89	1.3	51.8	77.6#
182	0.0	2.2	3.2#



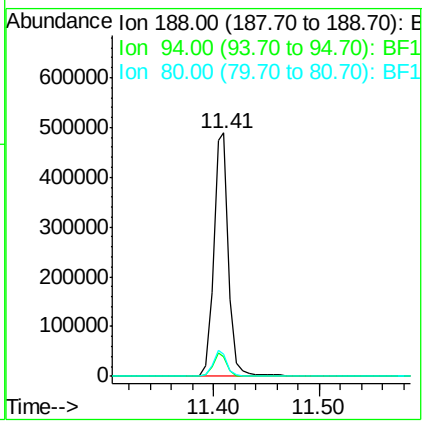


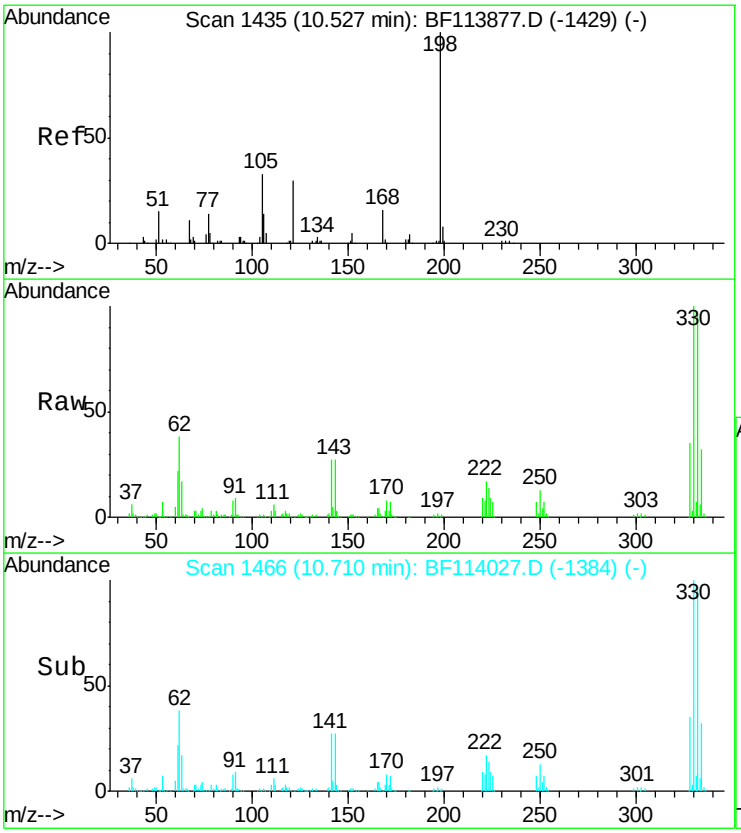
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 483222

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.4#
80	8.9	9.0	13.6#

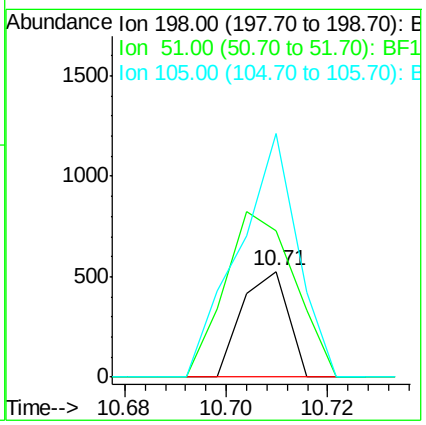


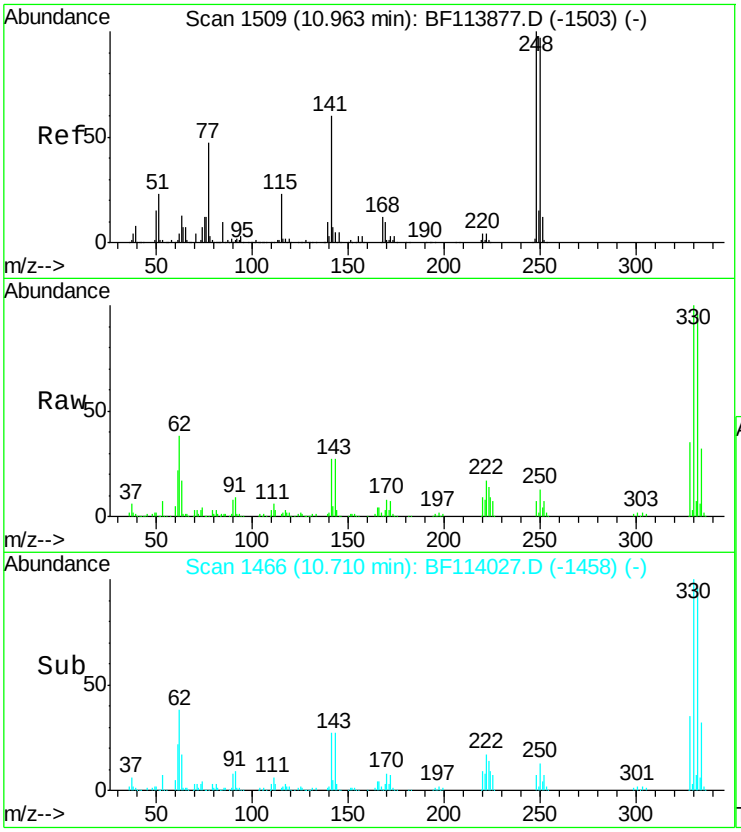


#65
4,6-Dinitro-2-methylphenol
Concen: 7.436 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.18 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:198 Resp: 333

Ion	Ratio	Lower	Upper
198	100		
51	138.1	11.1	51.1#
105	229.5	20.7	60.7#



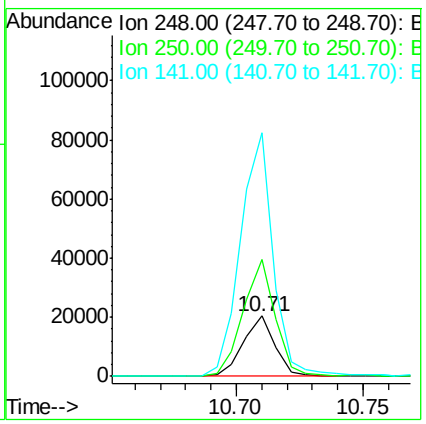


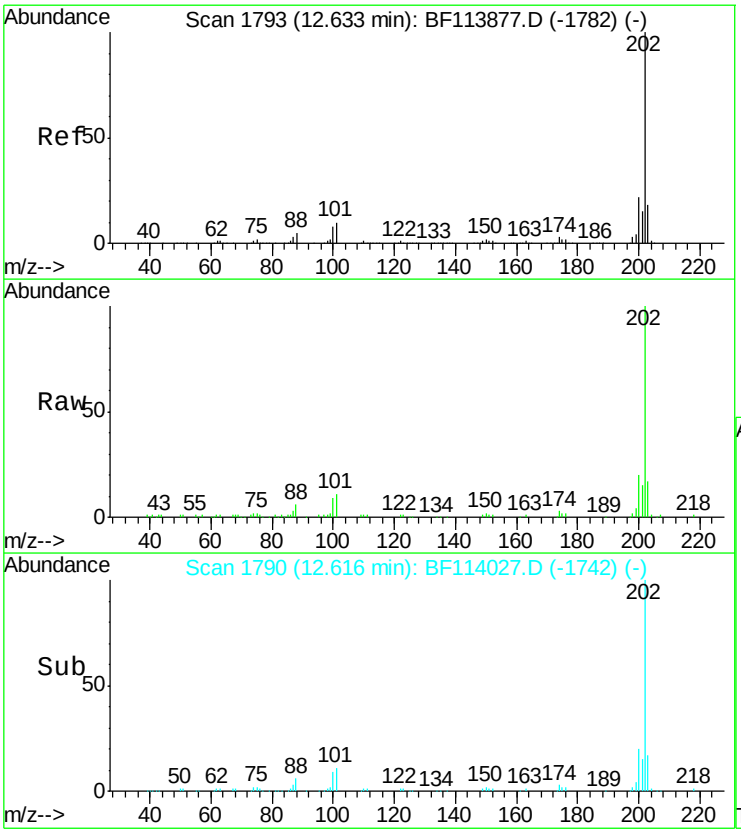
#67
4-Bromophenyl-phenylether
Concen: 3.041 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17749

Ion	Ratio	Lower	Upper
248	100		
250	193.9	75.8	113.6#
141	403.6	50.2	75.4#

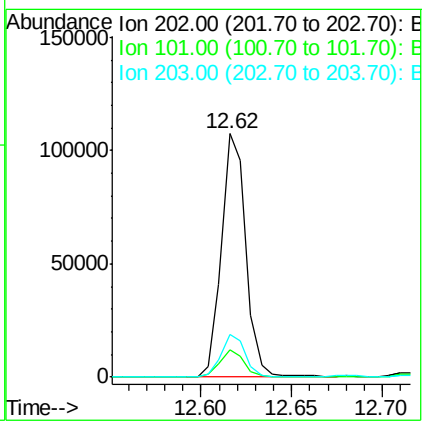


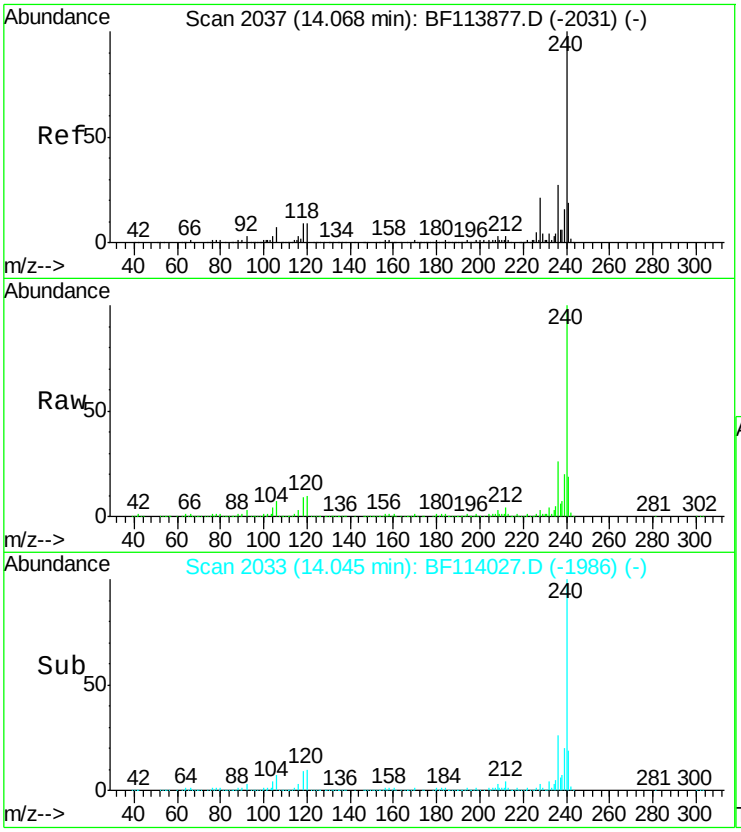


#75
Fluoranthene
Concen: 3.827 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 101401

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.9
203	17.3	0.0	38.2



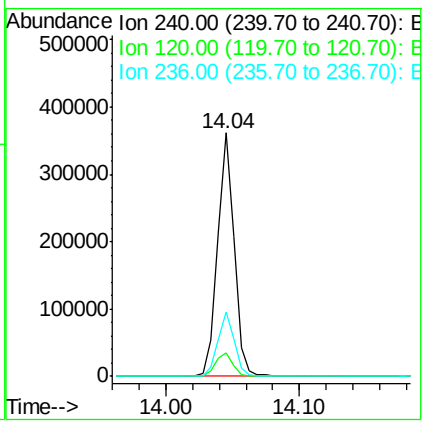


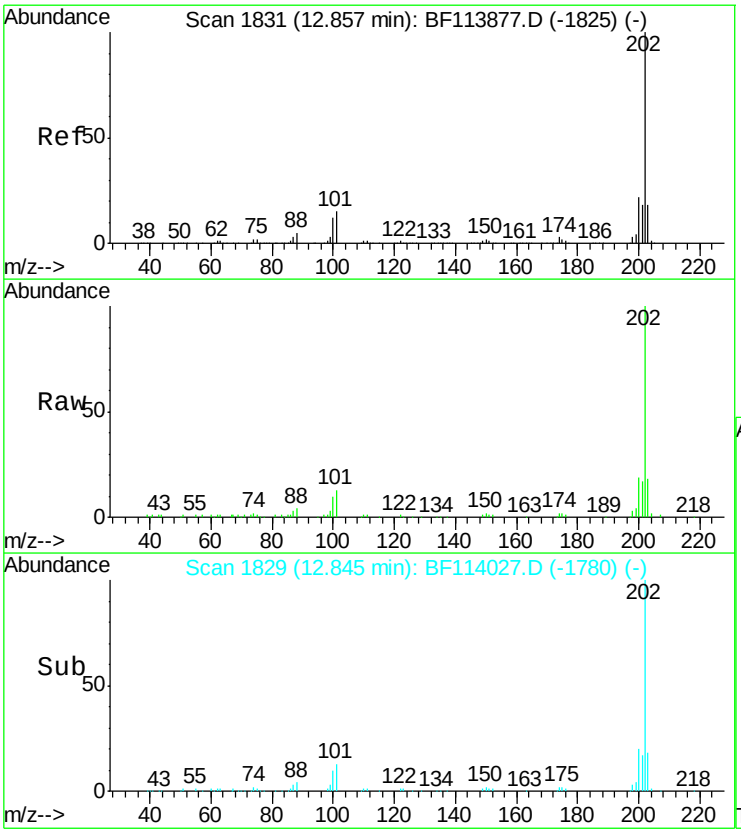
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 319742

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	26.3	21.2	31.8

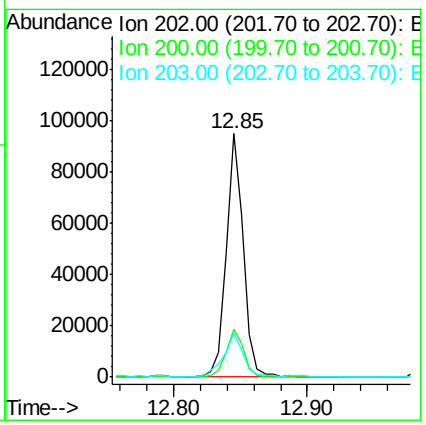


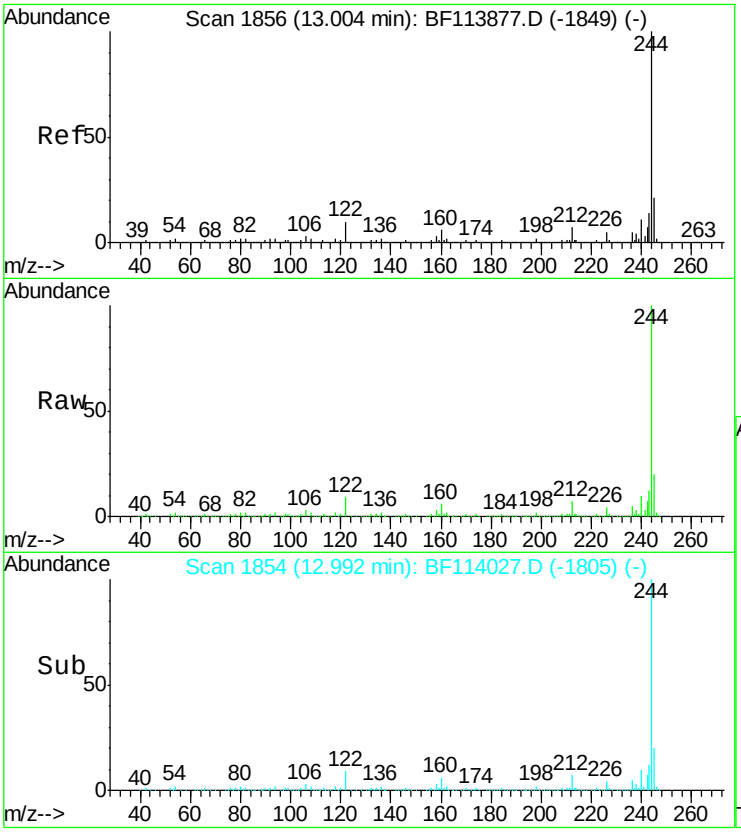


#78
Pyrene
Concen: 3.831 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:202 Resp: 85669

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.7	26.5
203	17.9	15.0	22.6



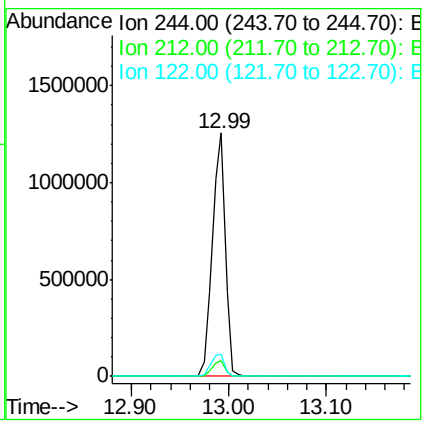


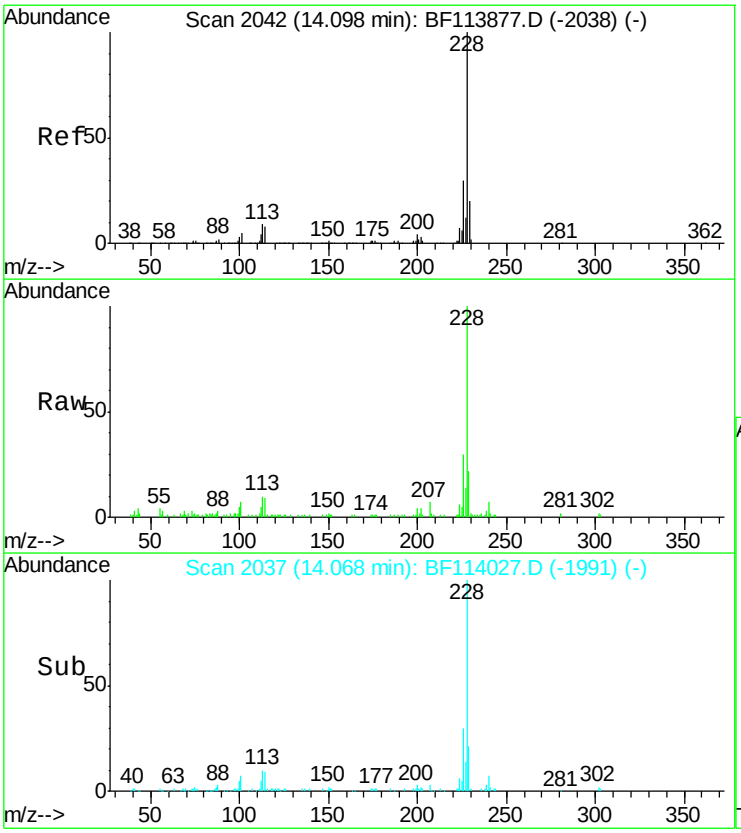
#79
Terphenyl-d14
Concen: 73.984 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1153874

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.2	7.6	11.4

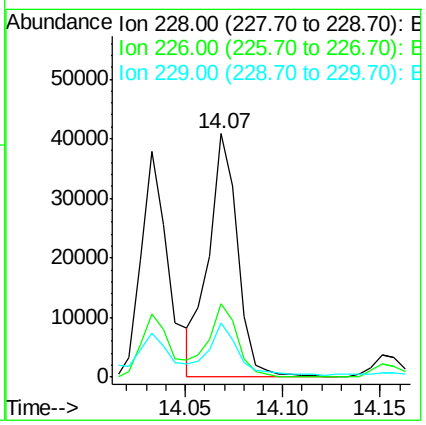


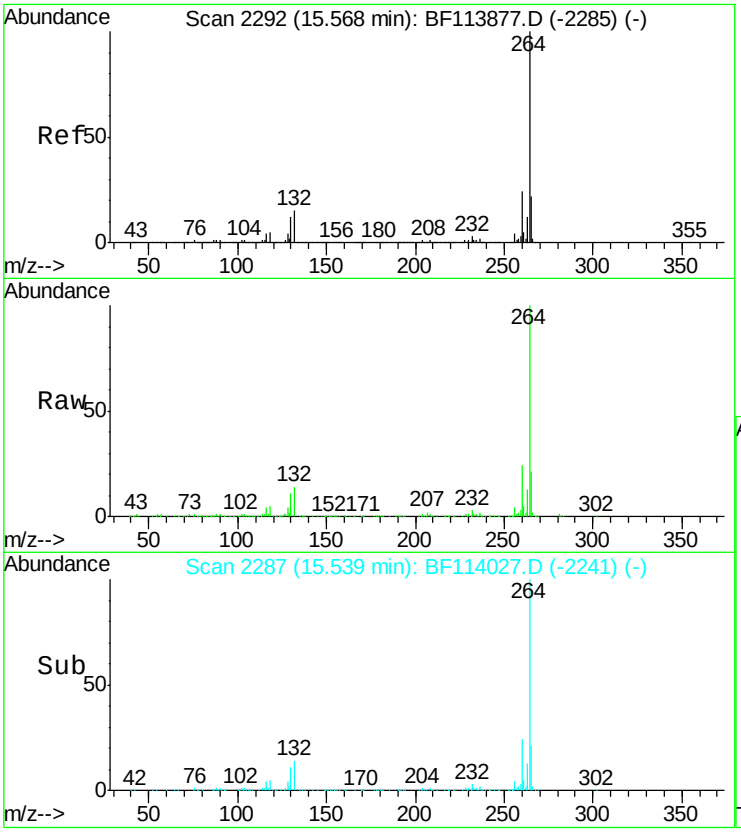


#83
Chrysene
Concen: 2.300 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:228 Resp: 42199

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	22.2	16.7	25.1



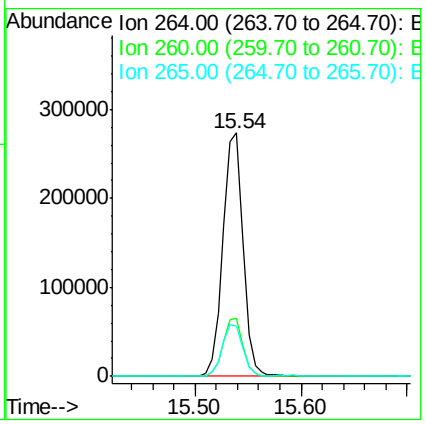


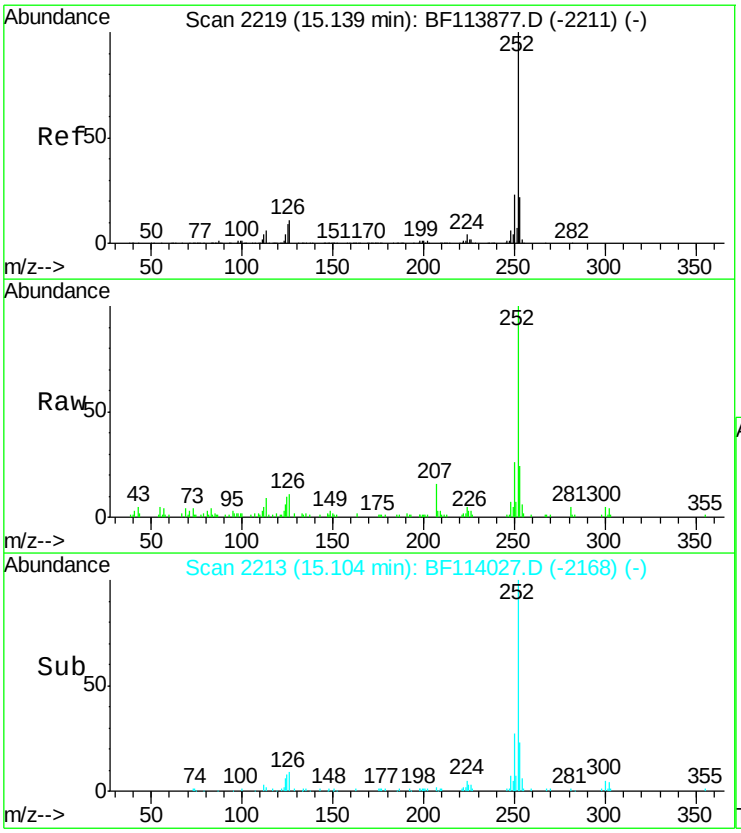
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 364220

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	20.7	17.3	25.9

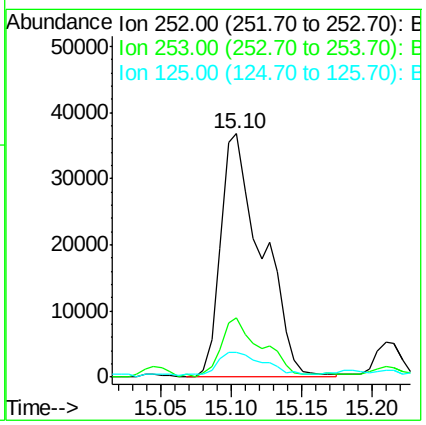


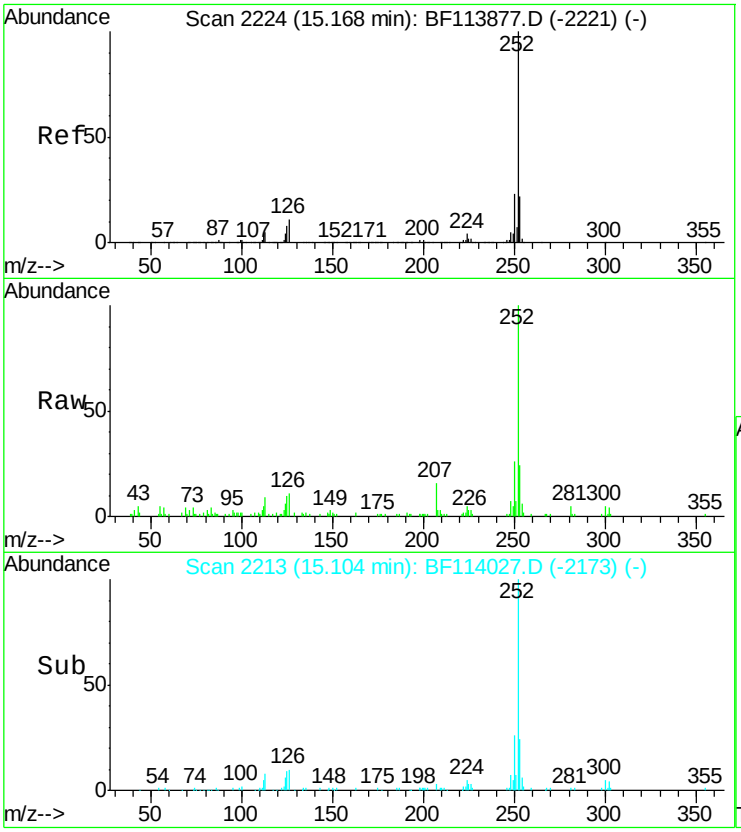


#88
Benzo(b)fluoranthene
Concen: 3.273 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion:252 Resp: 75414

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	10.3	7.0	10.6





#89
Benzo(k)fluoranthene
Concen: 3.805 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 75414

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.3	7.4	11.2