Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113998.D
Acq On : 26 Apr 2019 00:24
Operator : JU/SJ
Sample : K2203-17 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 26 04:03:30 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	112568	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	459887	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	251634	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	525191	20.00	ng		0.00
76) Chrysene-d12	14.05	240	380470	20.00	ng		-0.02
87) Perylene-d12	15.54	264	407591	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	123117	18.71	ng		0.00
7) Phenol-d6	6.51	99	169866	20.57	ng		-0.01
23) Nitrobenzene-d5	7.45	82	96474	12.95	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	59749	19.49	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	211156	13.12	ng		0.00
79) Terphenyl-d14	12.99	244	263542	14.20	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	2839	Below Cal			86
19) n-Nitroso-di-n-propylamine	7.45	70	12866	2.406	ng	#	75
25) Isophorone	7.45	82	96473	6.330	ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	32248	8.260	ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	32249	6.544	ng	#	29
71) Phenanthrene	11.44	178	115491	4.376	ng		98
75) Fluoranthene	12.63	202	215689	7.490	ng		97
78) Pyrene	12.86	202	179685	6.753	ng		97
81) Benzo(a)anthracene	14.04	228	87999	3.926	ng		99
83) Chrysene	14.08	228	74364	3.406	ng		98
86) Indeno(1,2,3-cd)pyrene	17.02	276	42953	2.077	ng		95
88) Benzo(b)fluoranthene	15.10	252	127508	4.944	ng	#	98
89) Benzo(k)fluoranthene	15.10	252	127508	5.748	ng		98
90) Benzo(a)pyrene	15.47	252	68926	3.090	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
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Acq On : 26 Apr 2019 00:24
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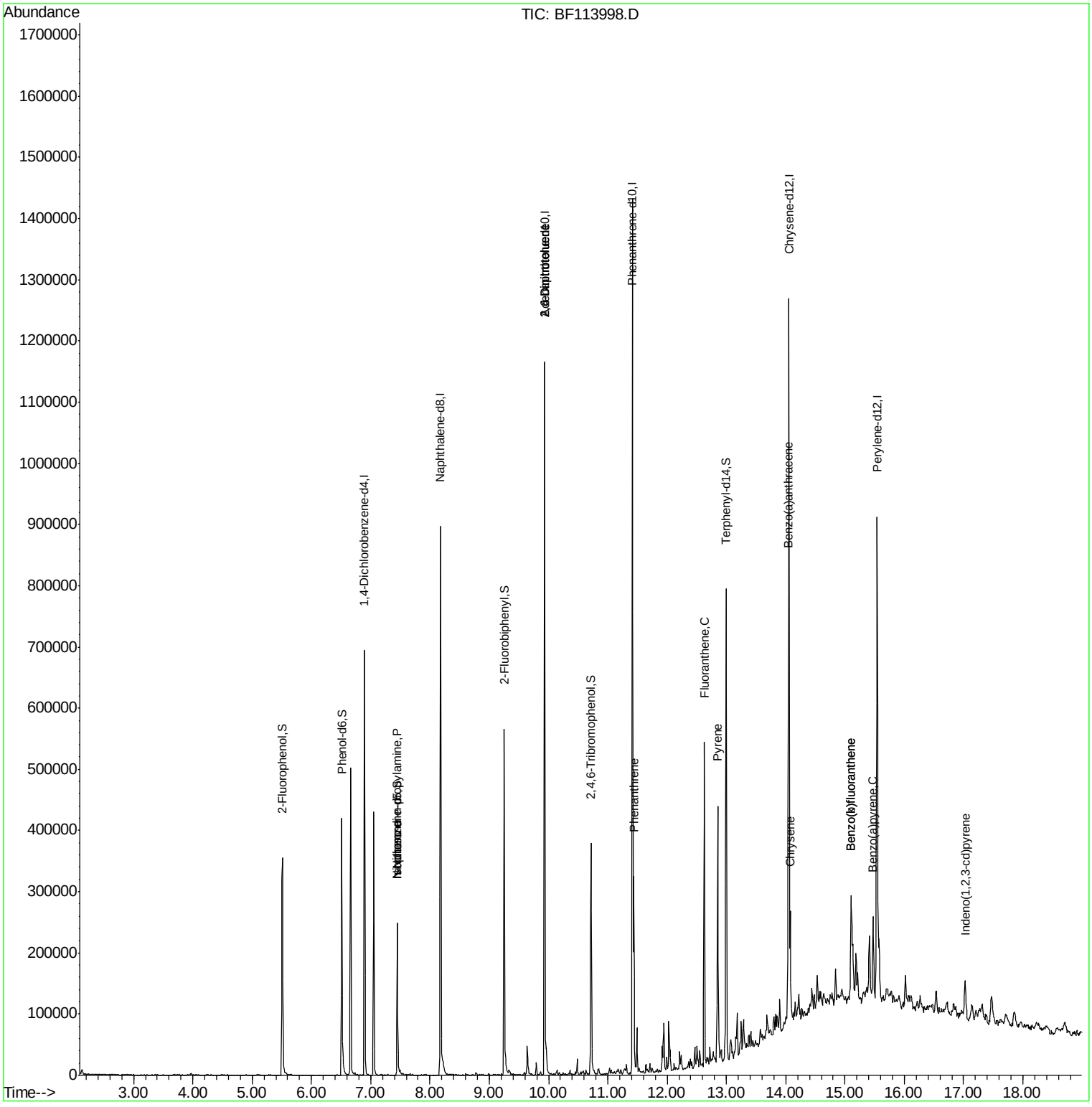
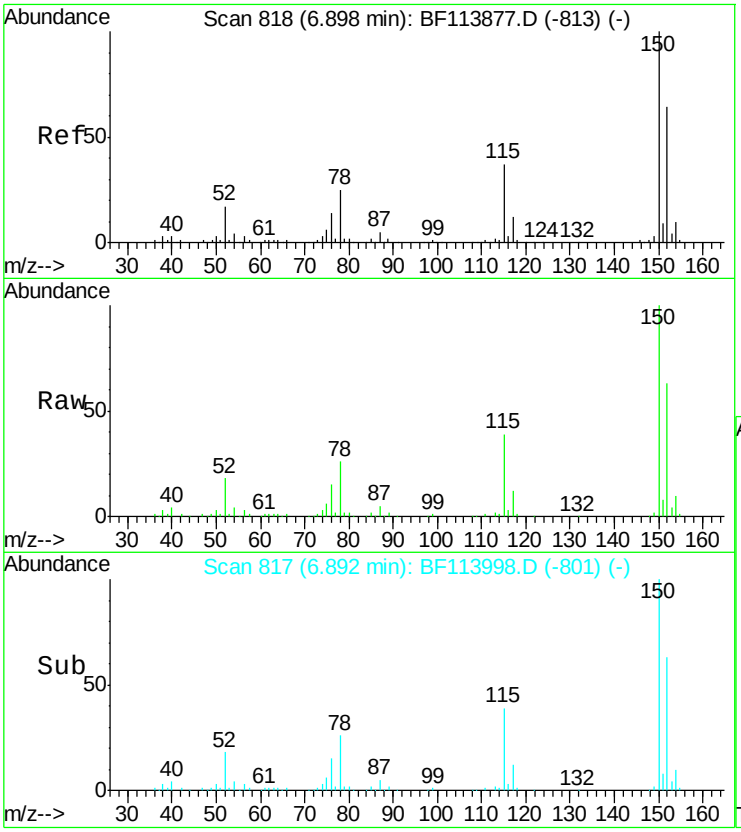
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



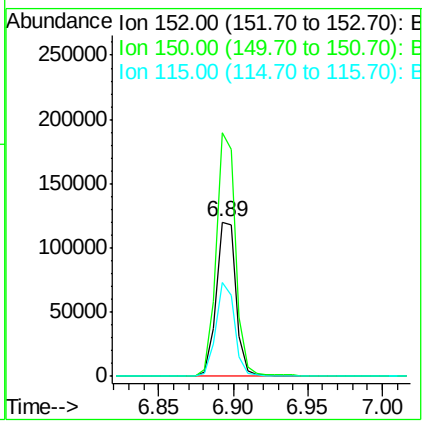


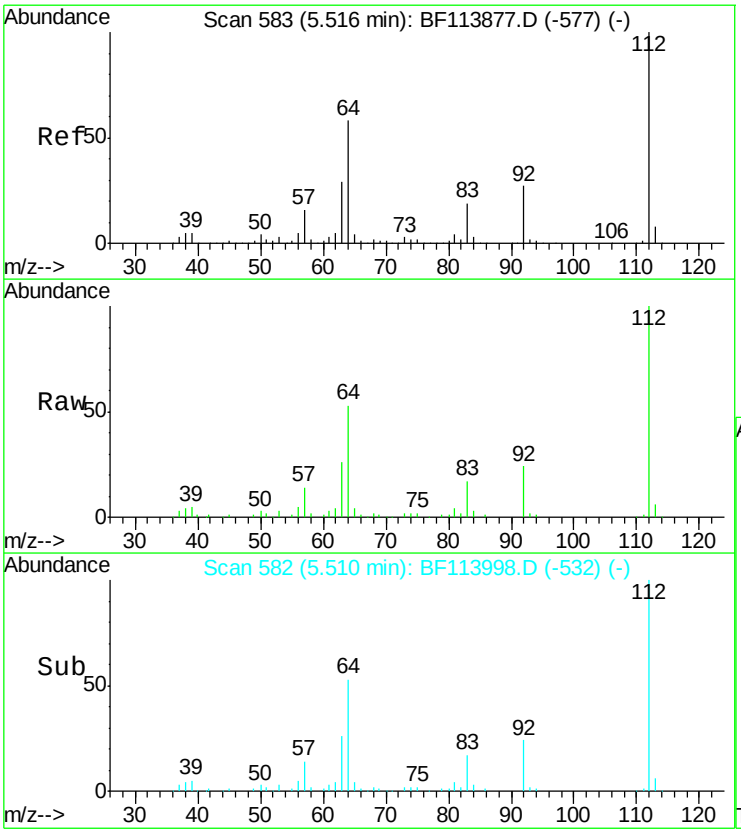
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 112568

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.9	188.9
115	61.0	45.9	68.9

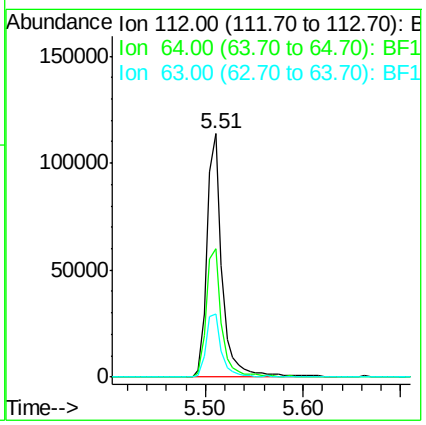


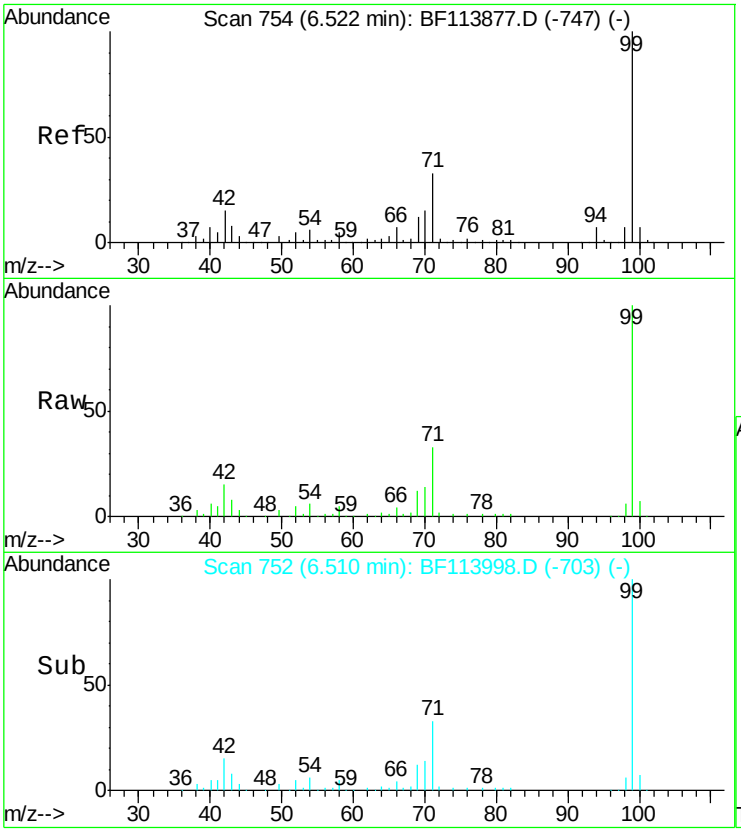


#5
2-Fluorophenol
Concen: 18.706 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:112 Resp: 123117

Ion	Ratio	Lower	Upper
112	100		
64	52.8	46.6	69.8
63	26.0	23.1	34.7



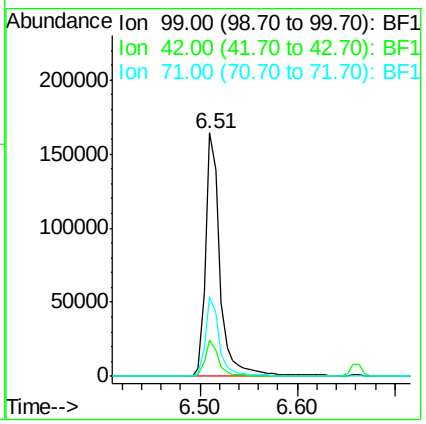


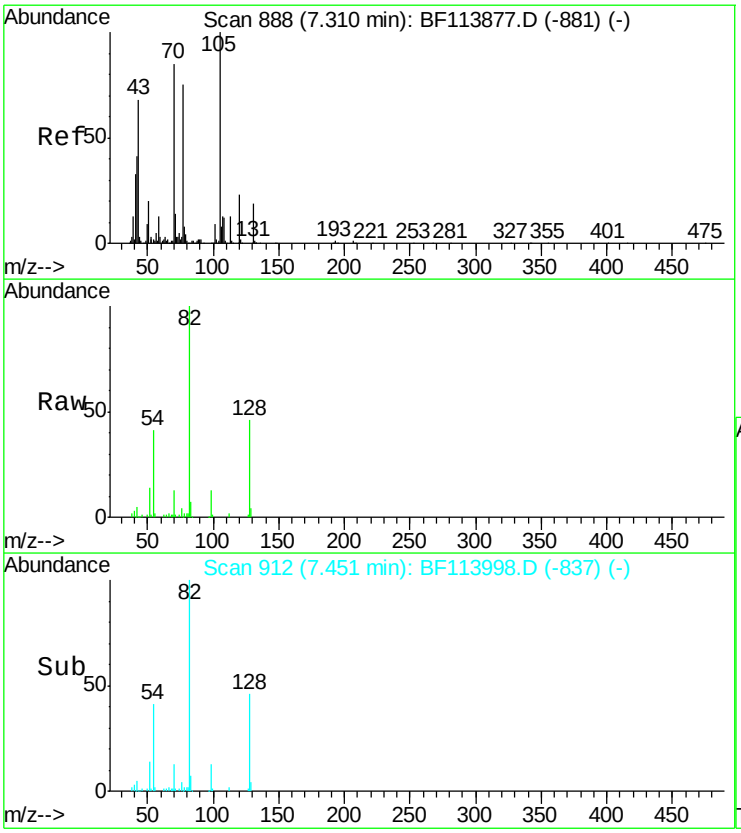
#7
Phenol-d6
Concen: 20.572 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 169866

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.5	18.7
71	32.9	26.9	40.3

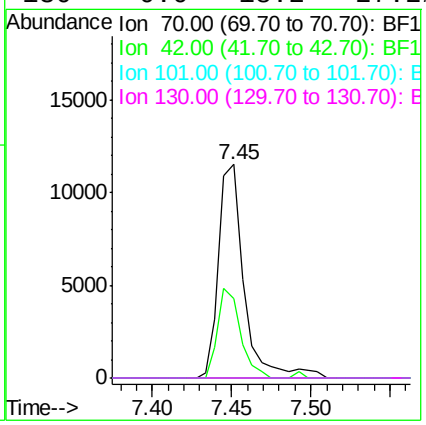


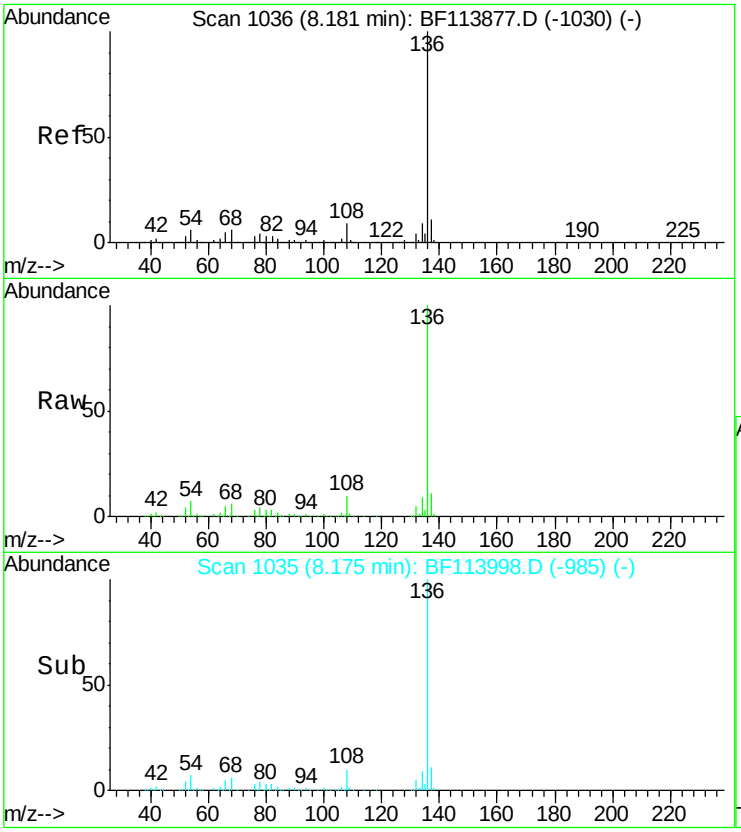


#19
n-Nitroso-di-n-propylamine
Concen: 2.406 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion: 70 Resp: 12866

Ion	Ratio	Lower	Upper
70	100		
42	37.1	37.3	55.9#
101	0.0	7.8	11.8#
130	0.0	18.2	27.2#



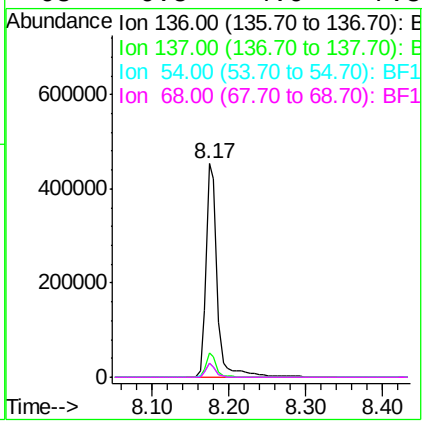


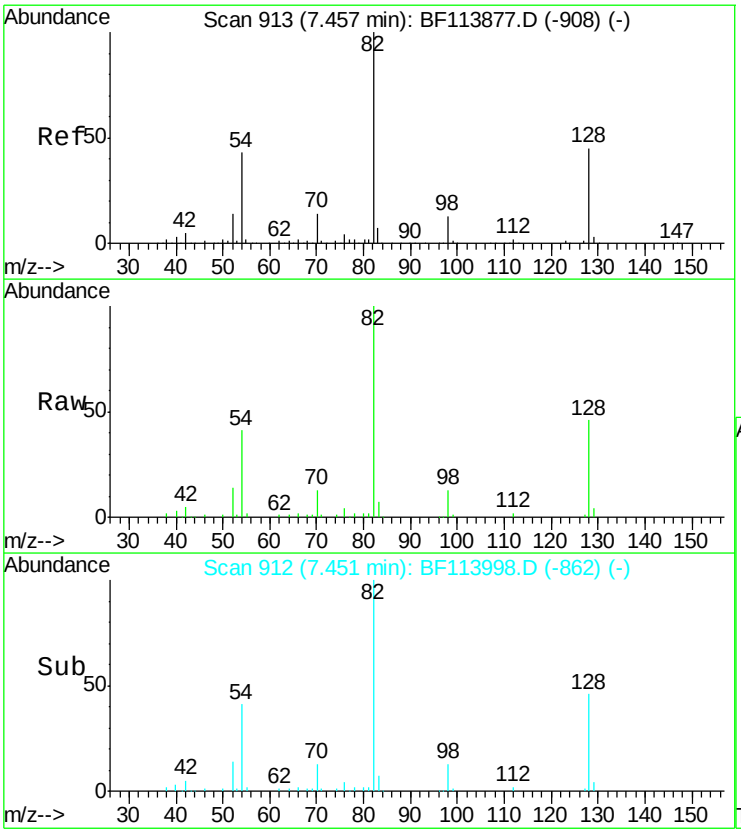
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 459887

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	6.7	5.0	7.6
68	6.5	4.9	7.3

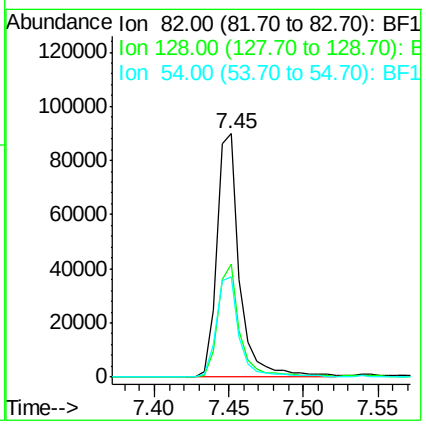


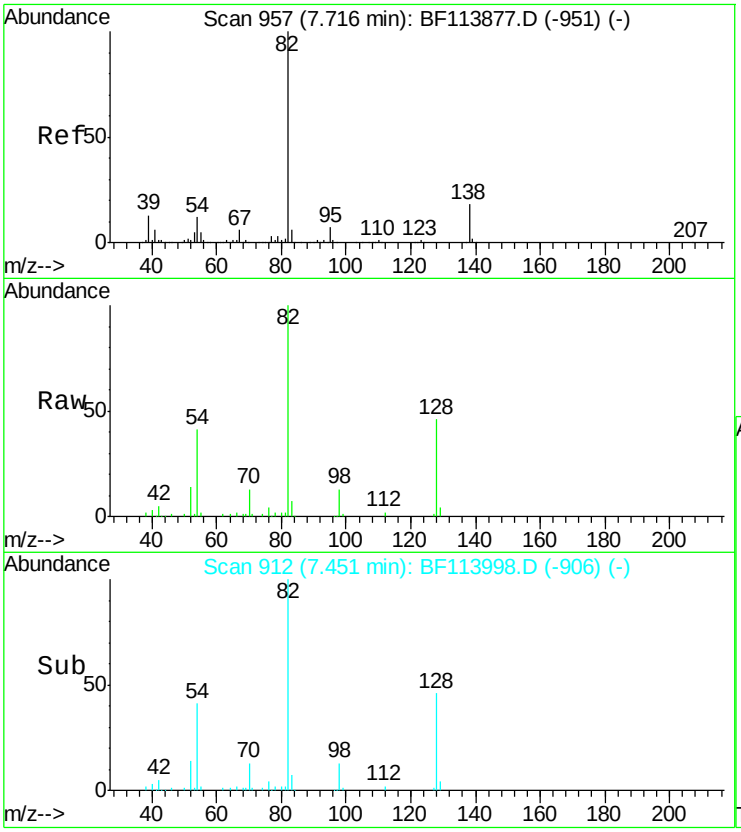


#23
Nitrobenzene-d5
Concen: 12.952 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion: 82 Resp: 96474

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.8	55.2
54	41.4	33.8	50.6



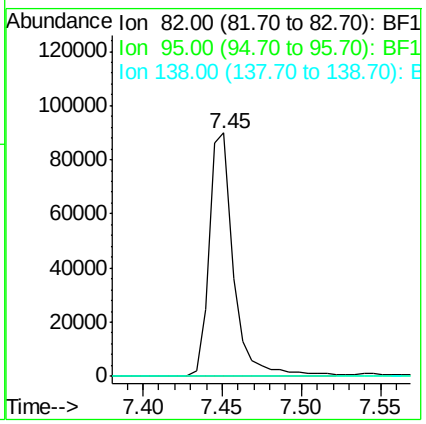


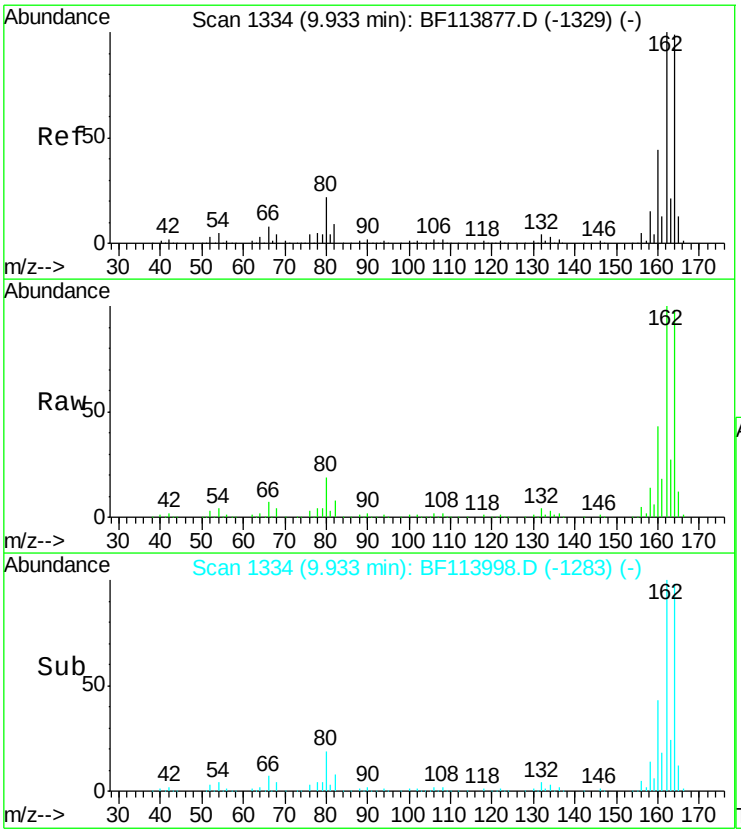
#25
Isophorone
Concen: 6.330 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 96473

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

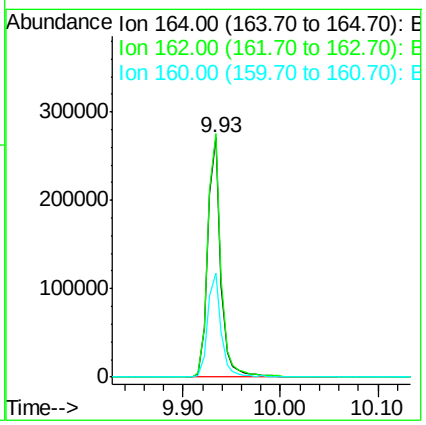


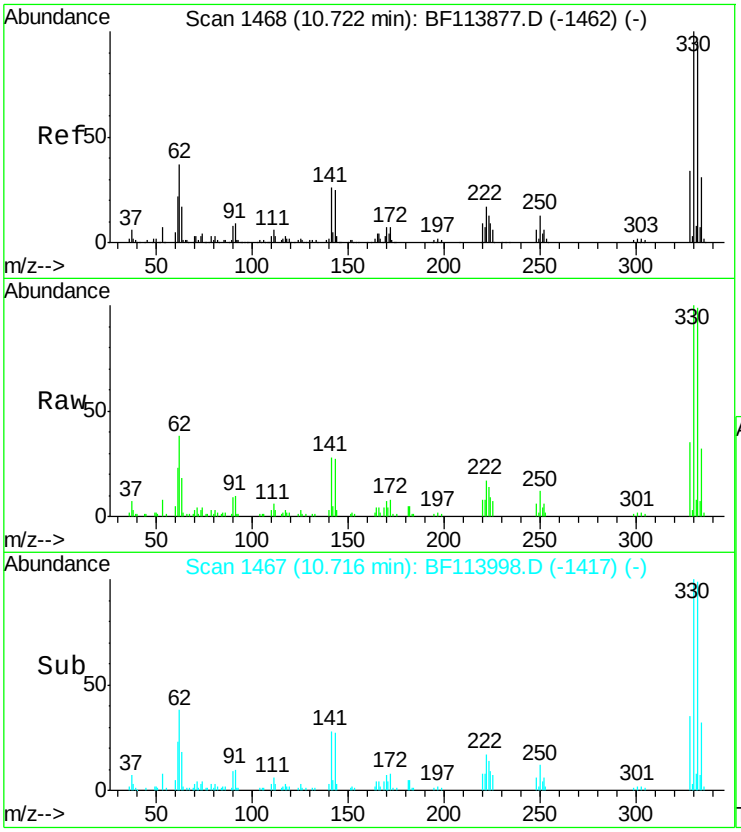


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:164 Resp: 251634

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.1	121.7
160	43.6	35.8	53.6



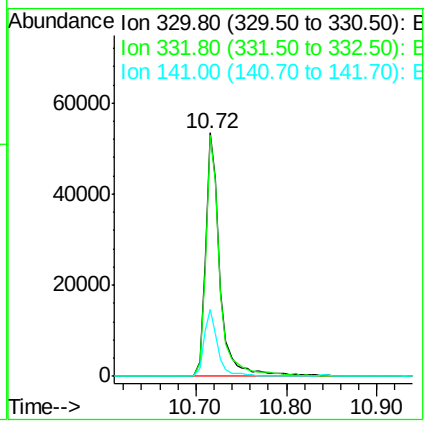


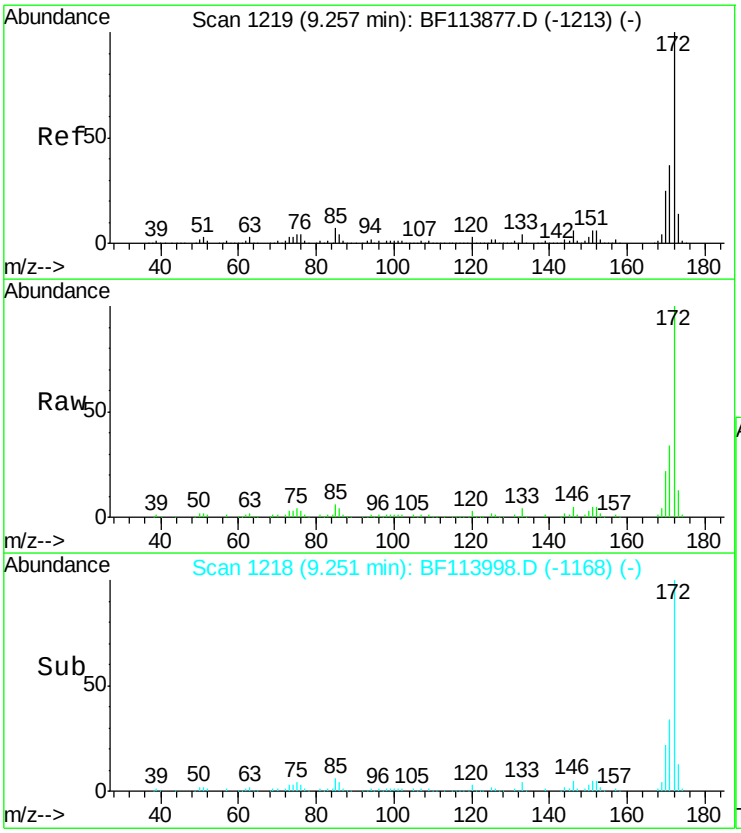
#42
2,4,6-Tribromophenol
Concen: 19.491 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 59749

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.5	116.3
141	26.1	22.2	33.2

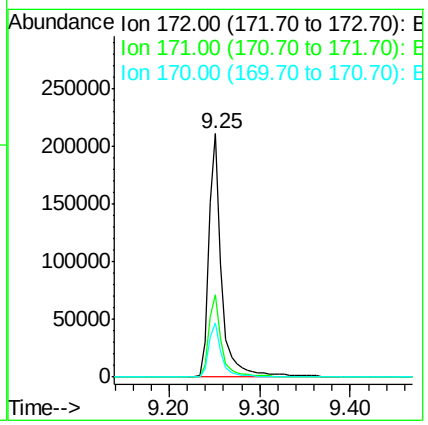


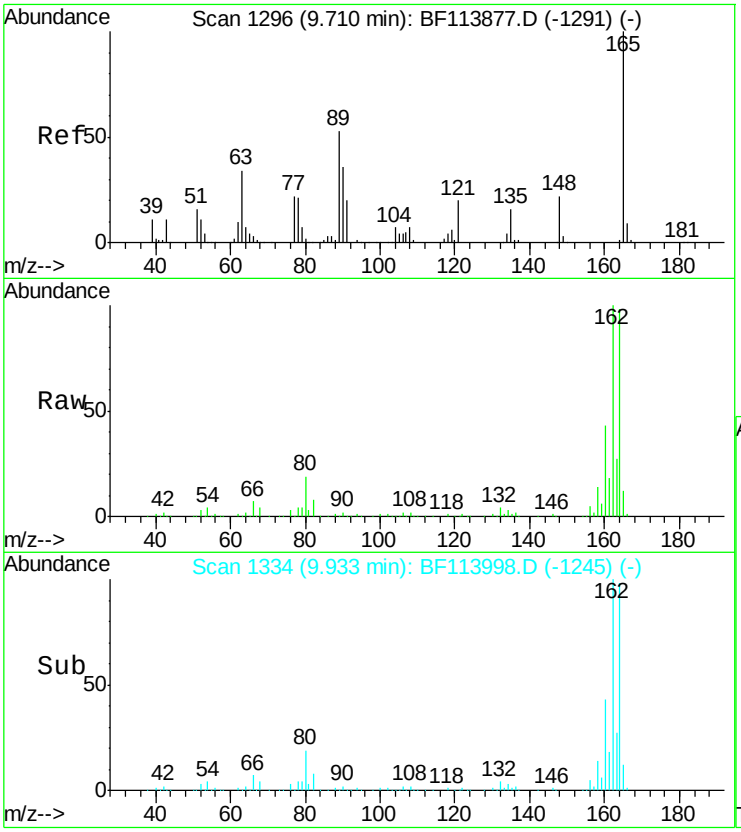


#45
2-Fluorobiphenyl
Concen: 13.124 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:172 Resp: 211156

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.4	44.0
170	22.2	19.9	29.9



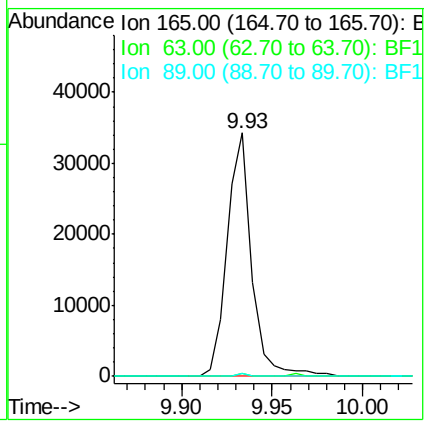


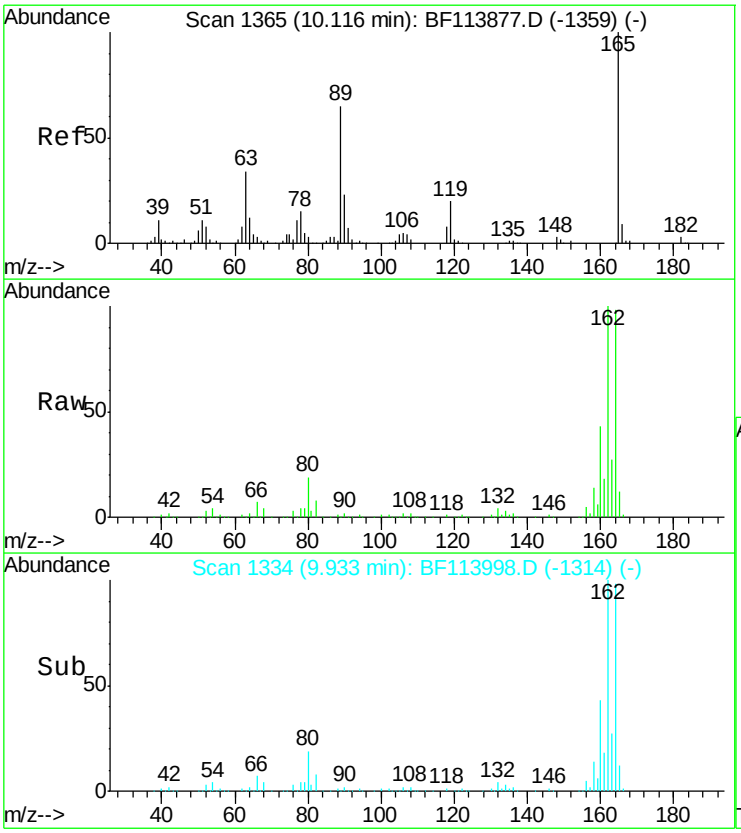
#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32248

Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.8	50.8#
89	1.3	38.2	57.2#

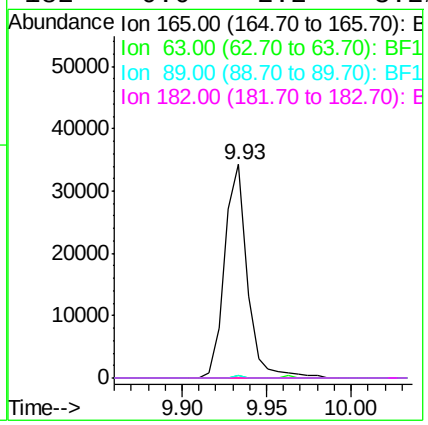


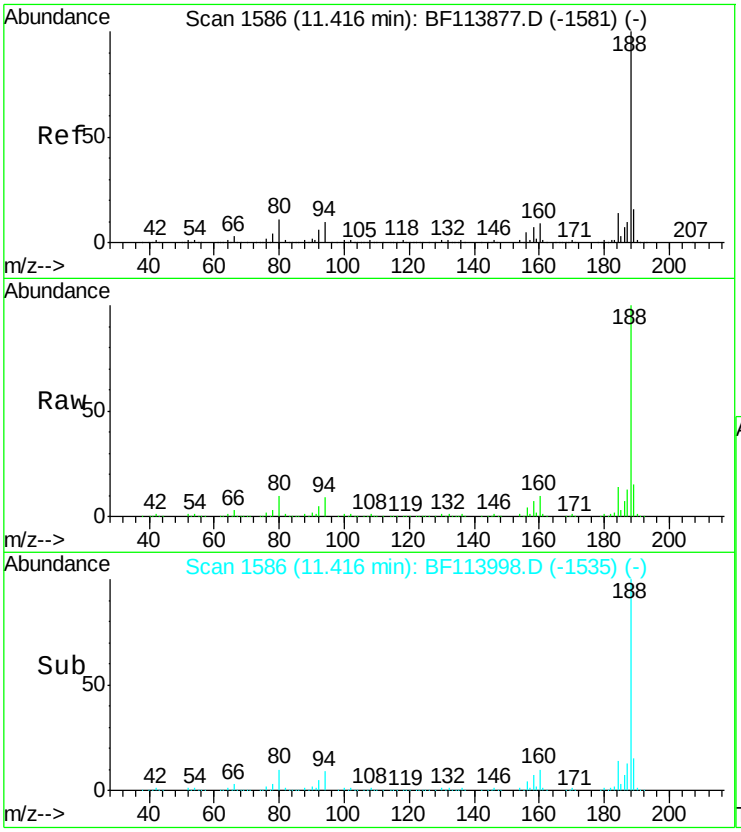


#57
2,4-Dinitrotoluene
Concen: 6.544 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:165 Resp: 32249

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#



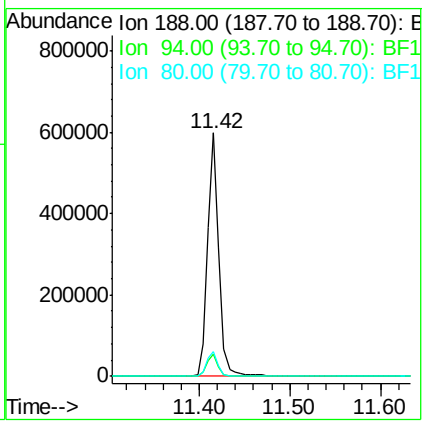


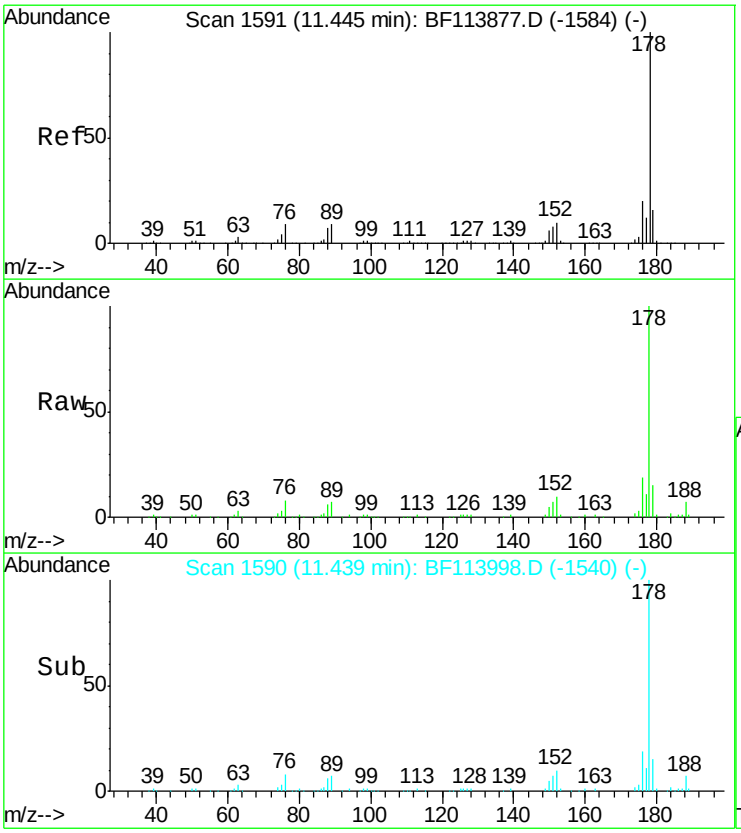
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 525191

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.1	9.0	13.6

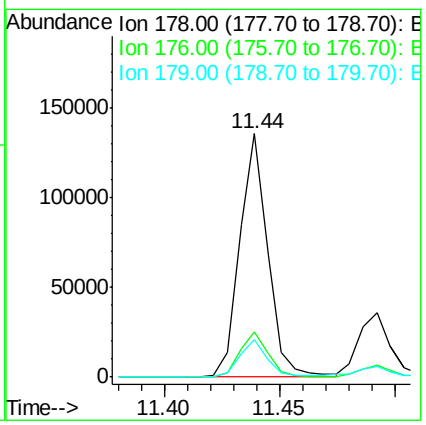


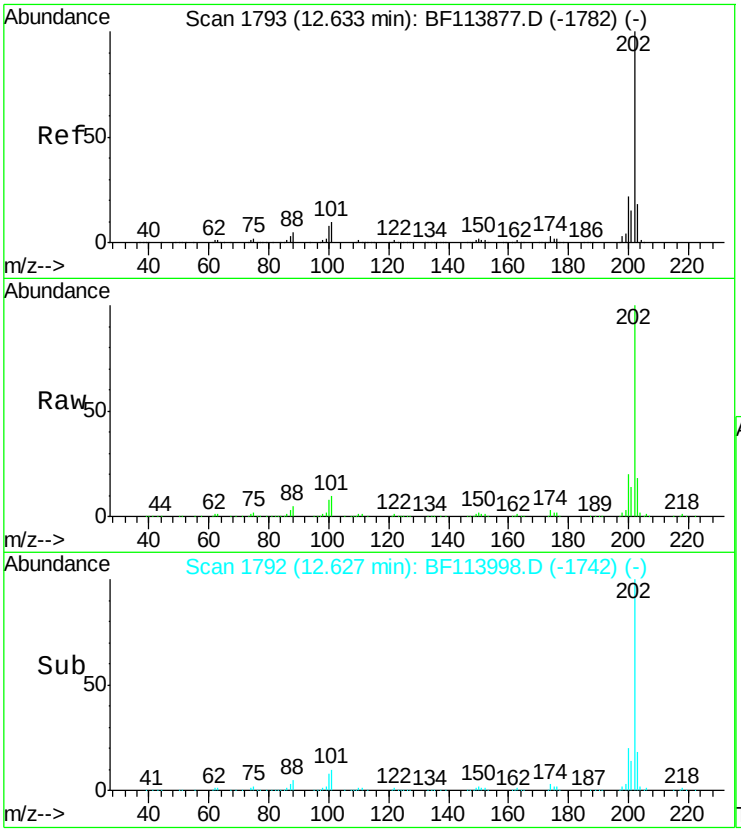


#71
Phenanthrene
Concen: 4.376 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:178 Resp: 115491

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.1	24.1
179	15.2	12.8	19.2



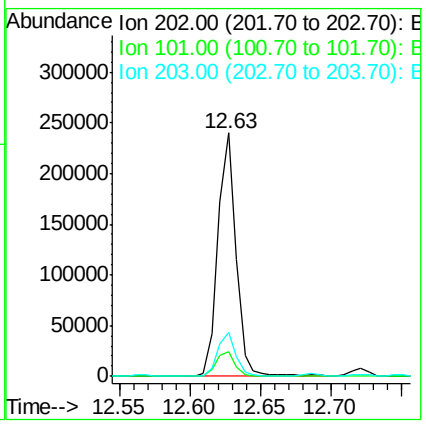


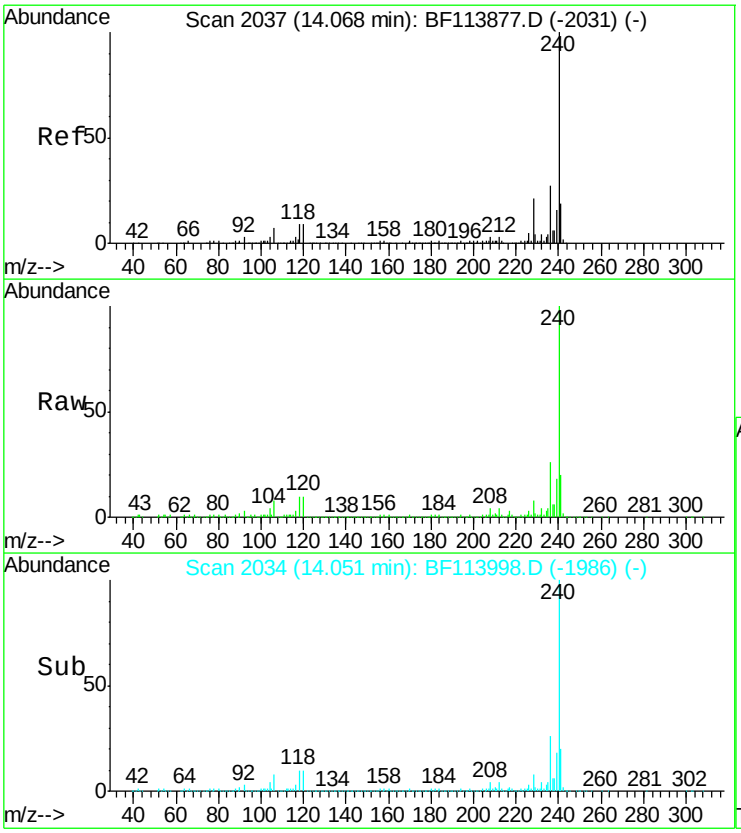
#75
Fluoranthene
Concen: 7.490 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 215689

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.9
203	17.8	0.0	38.2

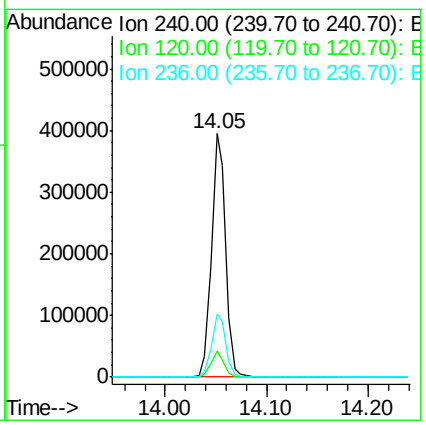


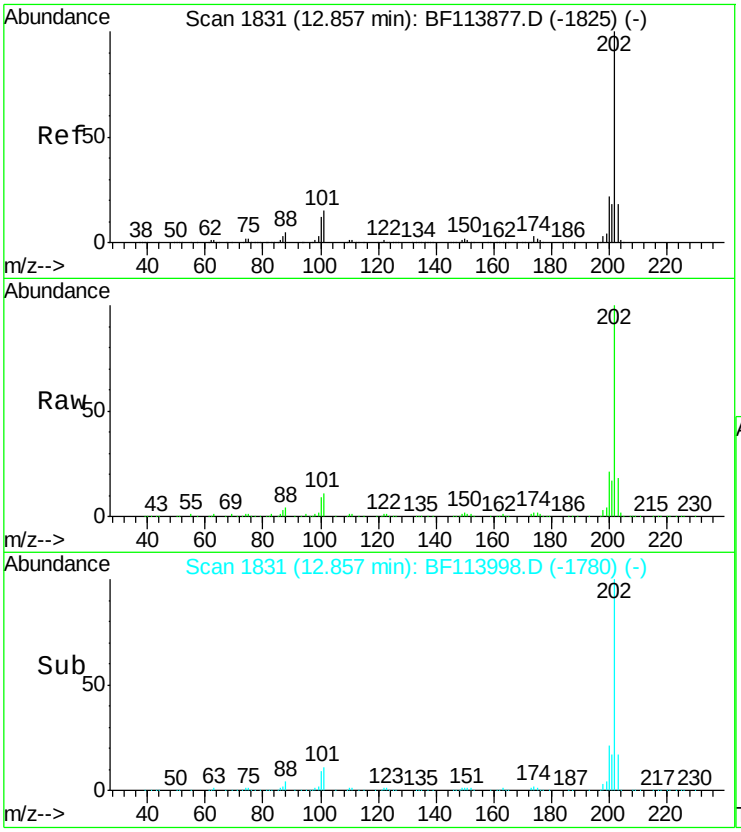


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:240 Resp: 380470

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.3	13.9
236	26.2	21.2	31.8



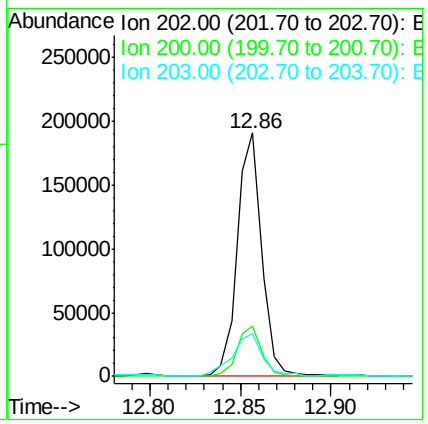


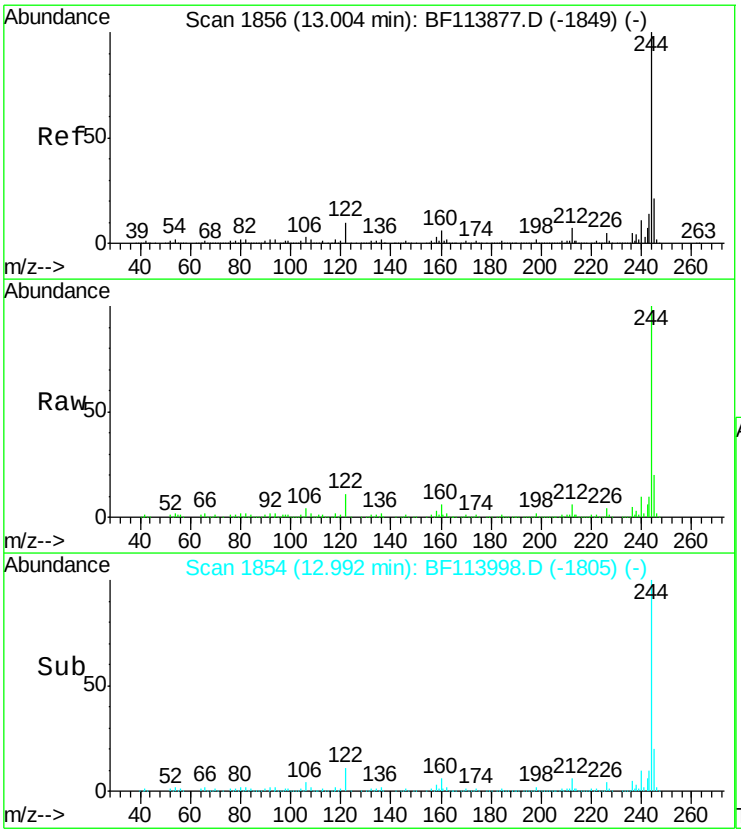
#78
Pyrene
Concen: 6.753 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 179685

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	17.5	15.0	22.6

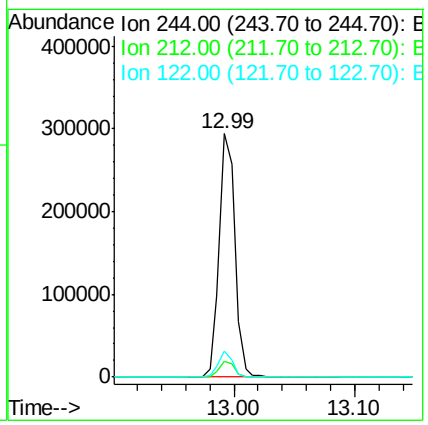


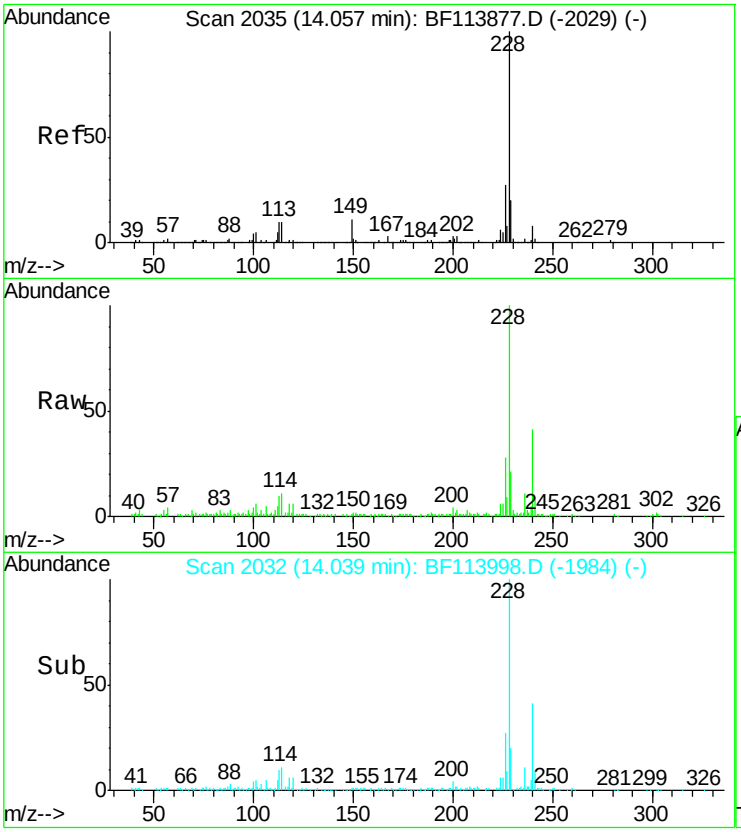


#79
Terphenyl-d14
Concen: 14.201 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:244 Resp: 263542

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.7	7.6	11.4



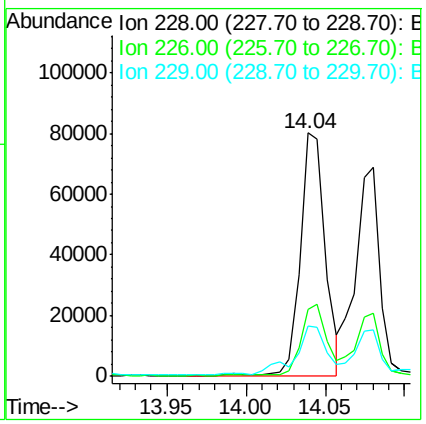


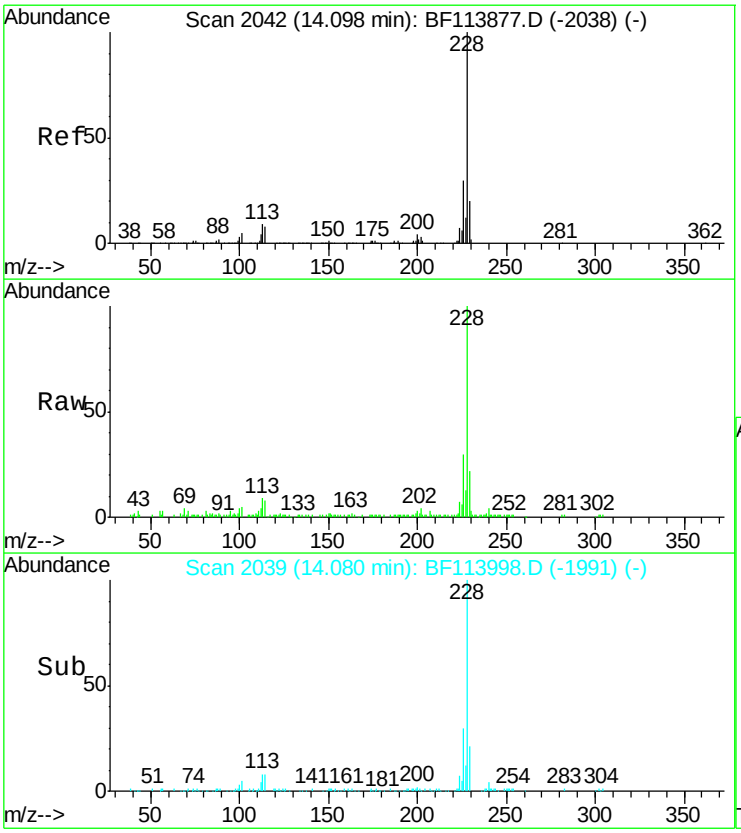
#81
Benzo(a)anthracene
Concen: 3.926 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 87999

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.7	16.0	24.0

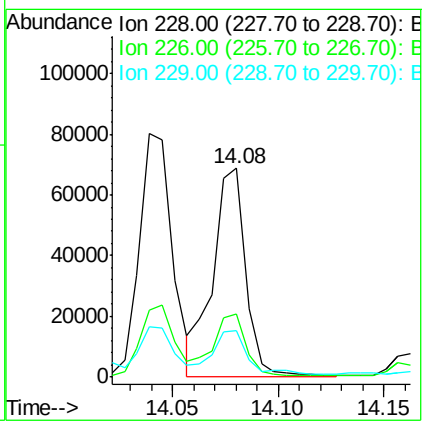


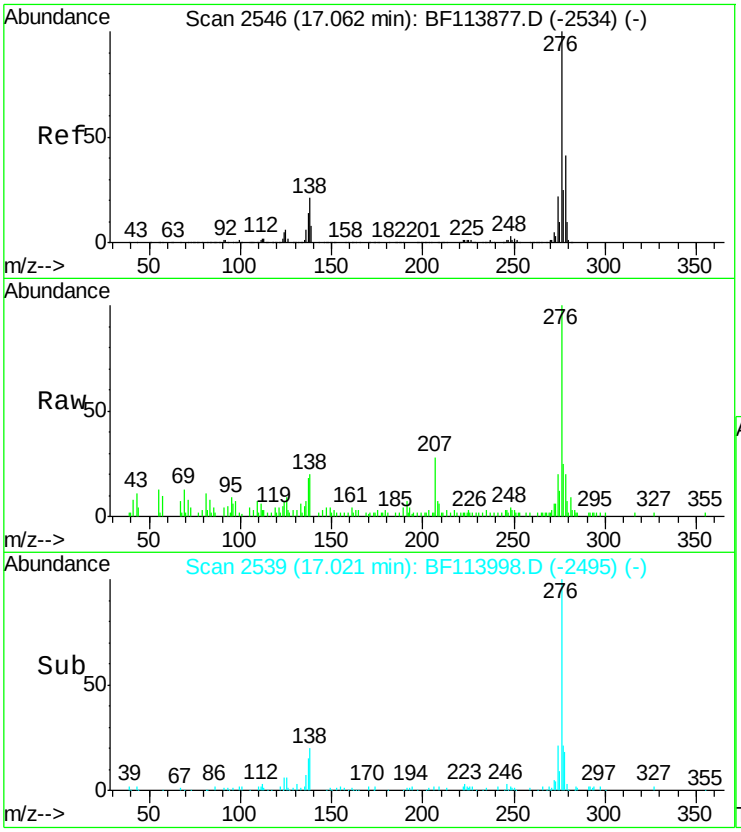


#83
Chrysene
Concen: 3.406 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:228 Resp: 74364

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	22.0	16.7	25.1



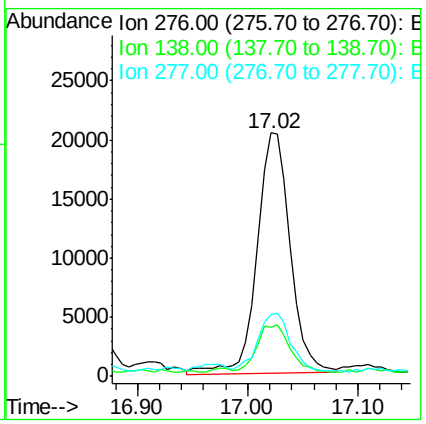


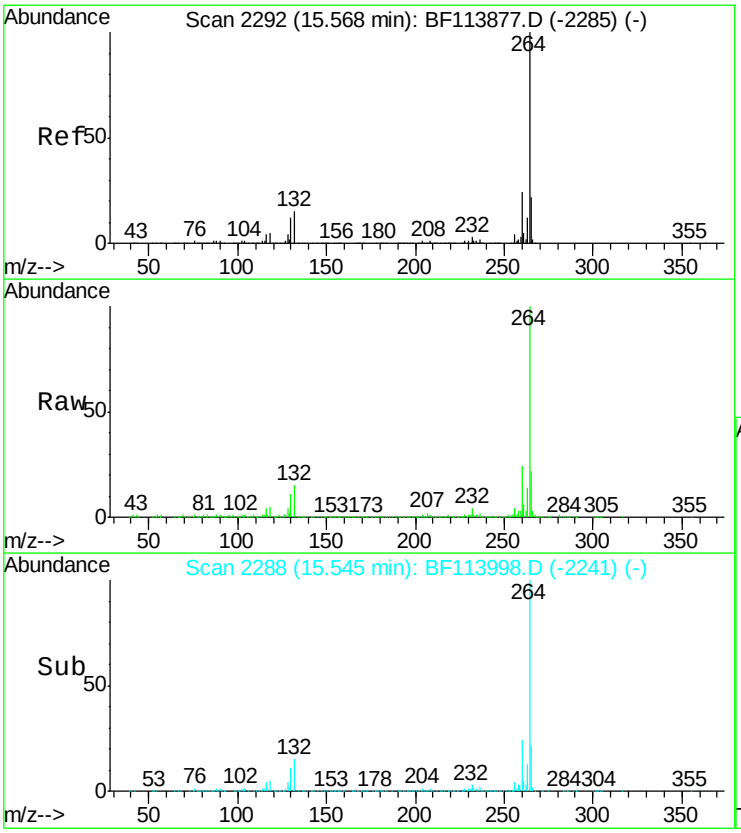
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.077 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42953

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.6	29.4
277	24.6	20.2	30.4

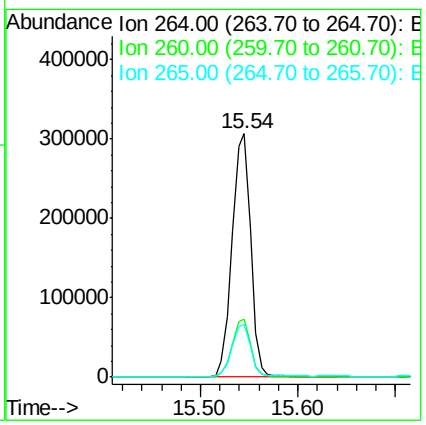


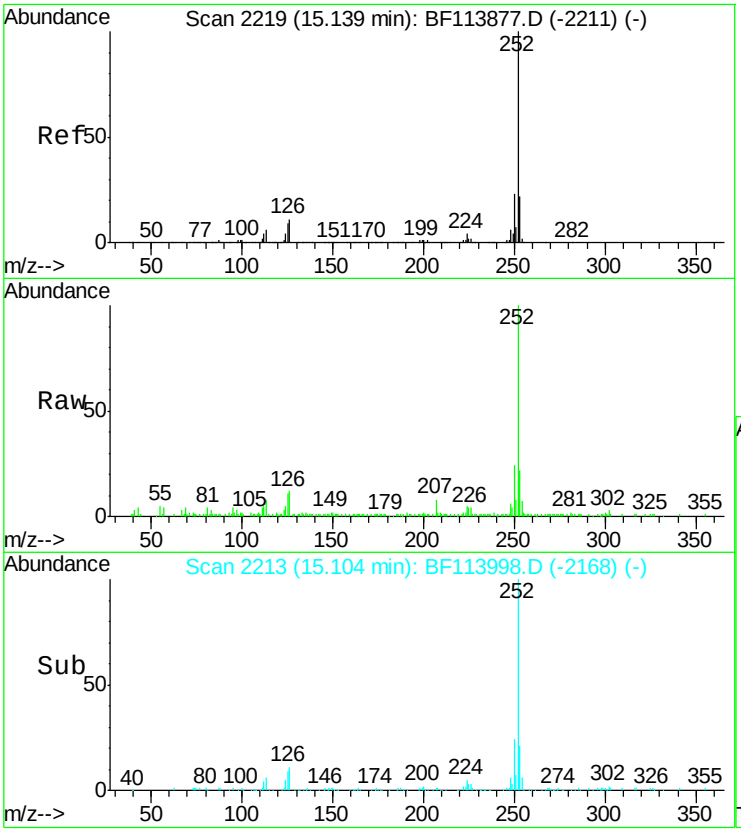


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:264 Resp: 407591

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.8	17.3	25.9



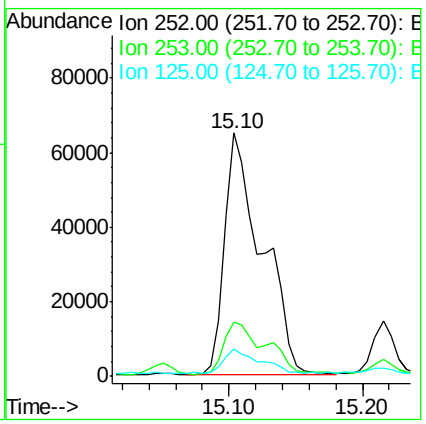


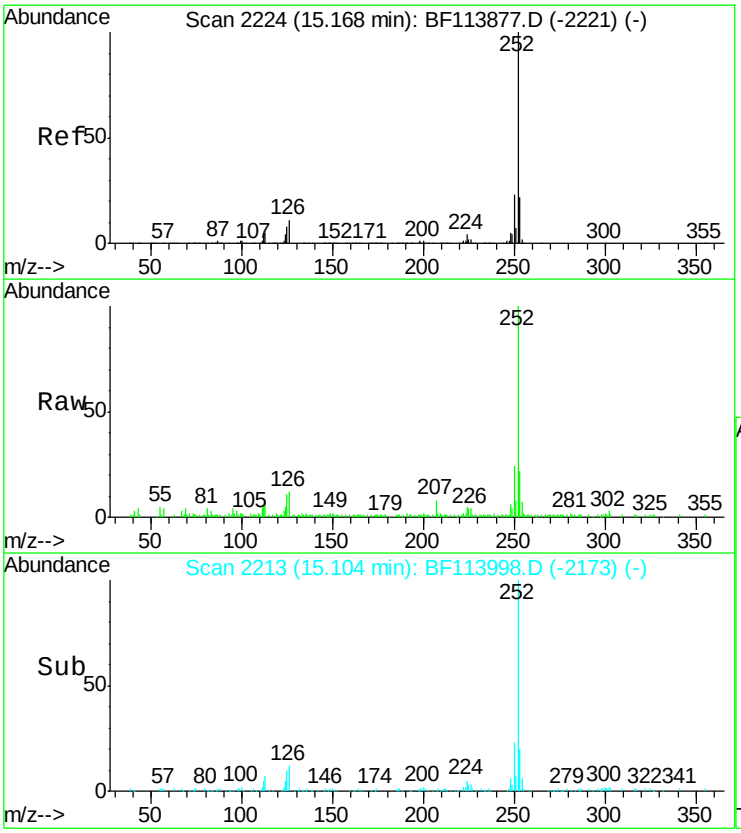
#88
Benzo(b)fluoranthene
Concen: 4.944 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 127508

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.0	7.0	10.6#

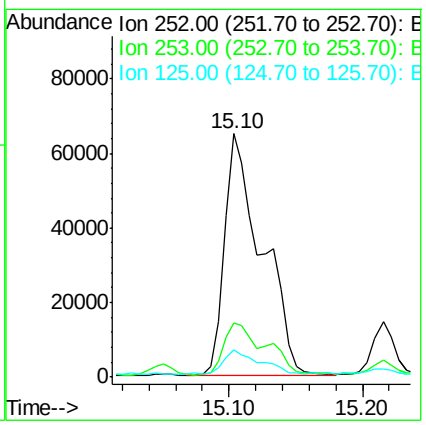


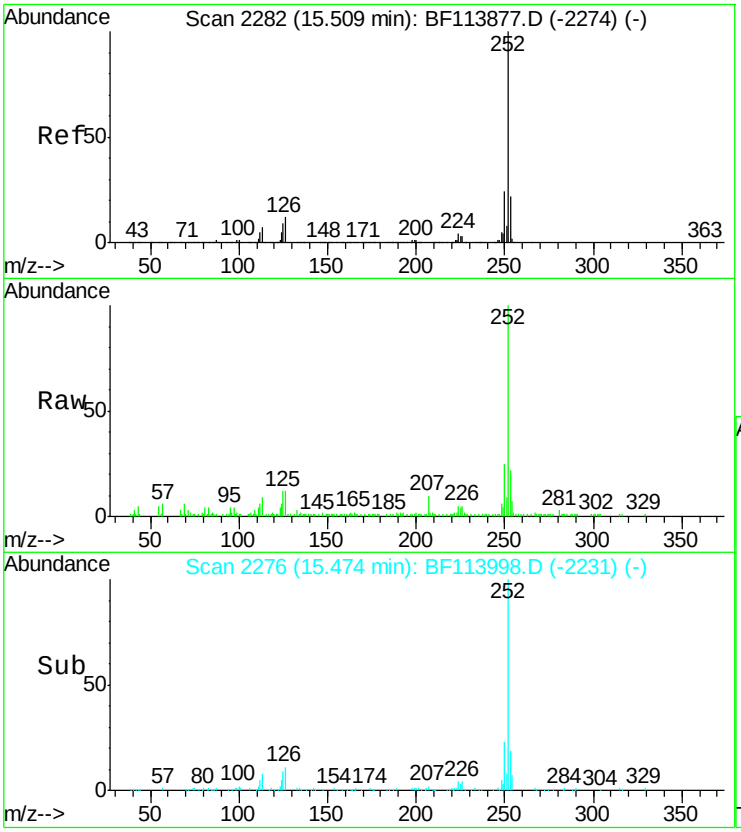


#89
Benzo(k)fluoranthene
Concen: 5.748 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Tgt Ion:252 Resp: 127508

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.0	7.4	11.2





#90
Benzo(a)pyrene
Concen: 3.090 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF113998.D
Acq: 26 Apr 2019 00:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68926

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.8	8.5	12.7