Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113711.D
Acq On : 10 Apr 2019 22:20
Operator : JU/SJ
Sample : K2342-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 01:01:52 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	6.67	152	136669	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	503069	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	213189	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	385661	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	345978	20.00	ng		-0.02
87) Perylene-d12	15.23	264	251945	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	132330	16.51	ng		0.00
7) Phenol-d6	6.34	99	176628	17.88	ng		0.00
23) Nitrobenzene-d5	7.25	82	89454	10.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.50	330	36178	14.13	ng		-0.01
45) 2-Fluorobiphenyl	9.03	172	170422	12.87	ng		-0.02
79) Terphenyl-d14	12.77	244	153674	9.04	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	12464	2.046	ng	#	80
25) Isophorone	7.25	82	89453	5.407	ng	#	64
51) 2,6-Dinitrotoluene	9.71	165	26957	7.782	ng	#	26
57) 2,4-Dinitrotoluene	9.71	165	26958	6.435	ng	#	23
71) Phenanthrene	11.22	178	105362	5.498	ng		97
72) Anthracene	11.22	178	105362	5.404	ng		98
75) Fluoranthene	12.40	202	203844	9.926	ng		98
78) Pyrene	12.63	202	182603	6.936	ng		98
81) Benzo(a)anthracene	13.82	228	116202	5.822	ng		99
83) Chrysene	13.85	228	108716	5.374	ng		98
86) Indeno(1,2,3-cd)pyrene	16.60	276	57911	3.100	ng		95
88) Benzo(b)fluoranthene	14.84	252	170728	11.070	ng	#	96
89) Benzo(k)fluoranthene	14.84	252	170728	12.335	ng	#	95
90) Benzo(a)pyrene	15.18	252	87426	6.380	ng		98
92) Benzo(g,h,i)perylene	17.02	276	55236	4.223	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
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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
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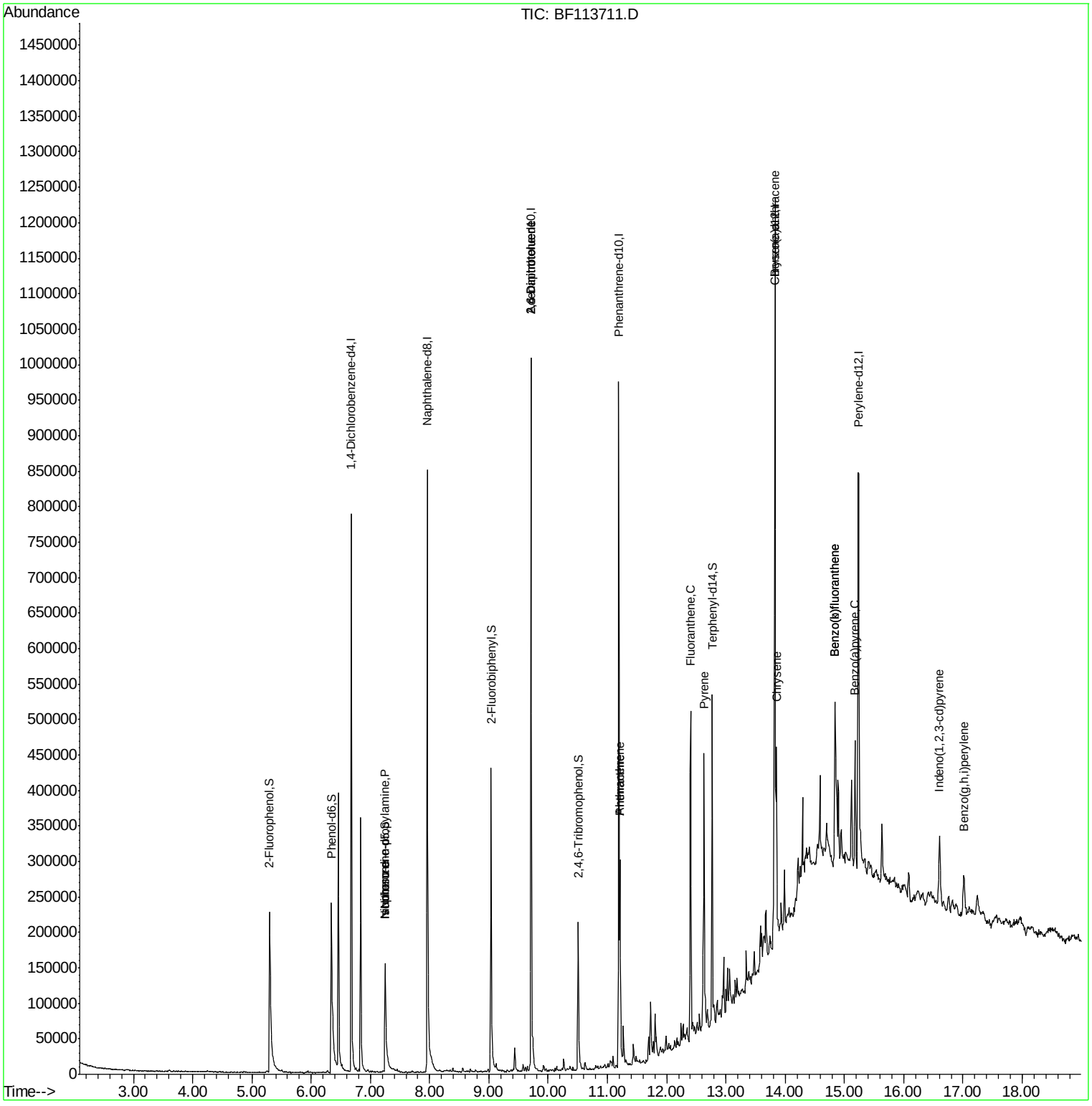
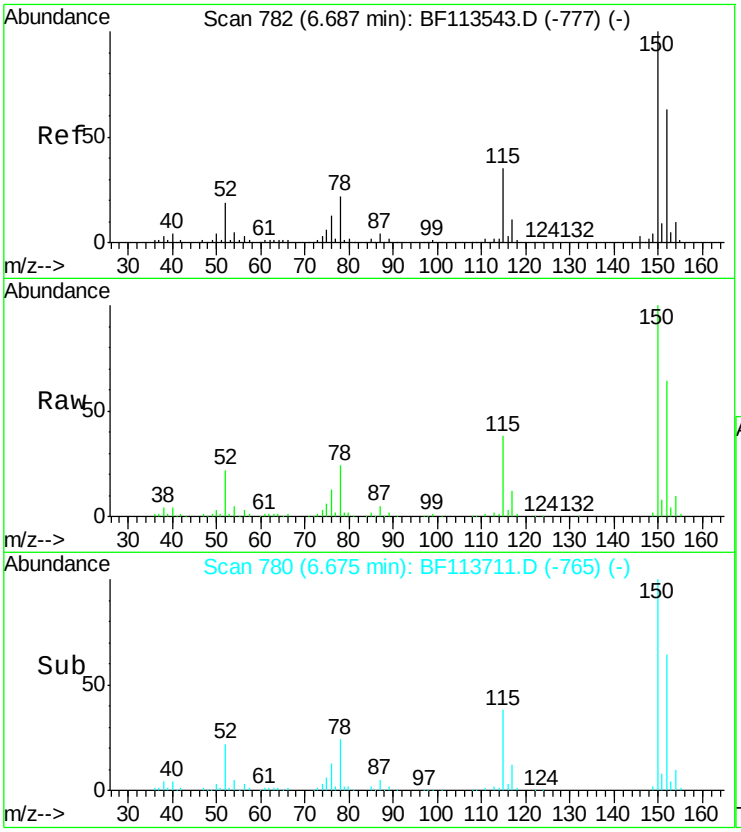


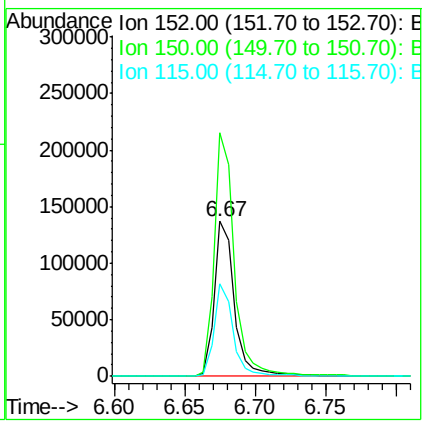


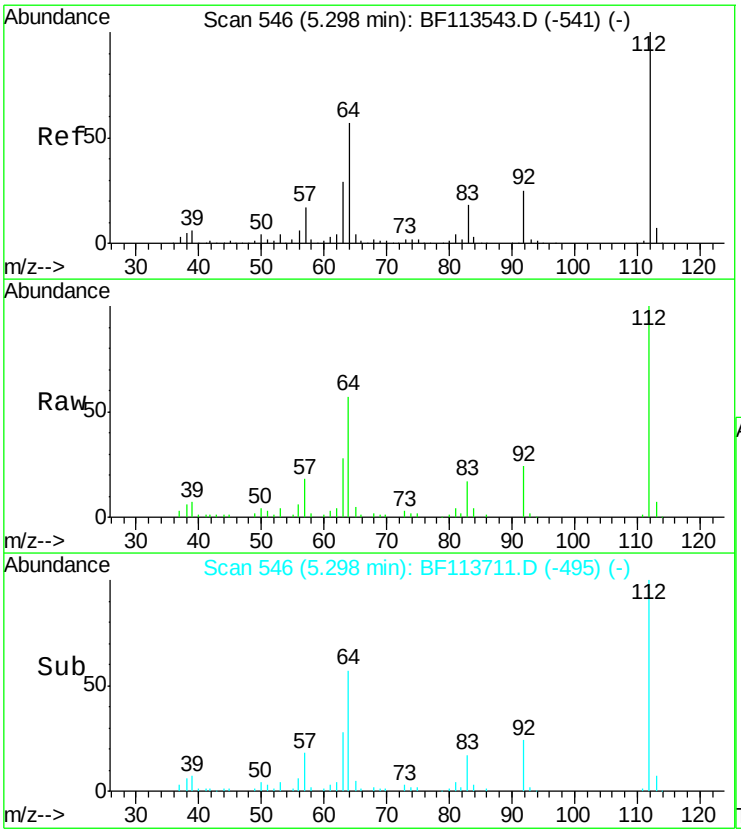
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136669

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	59.7	46.0	69.0

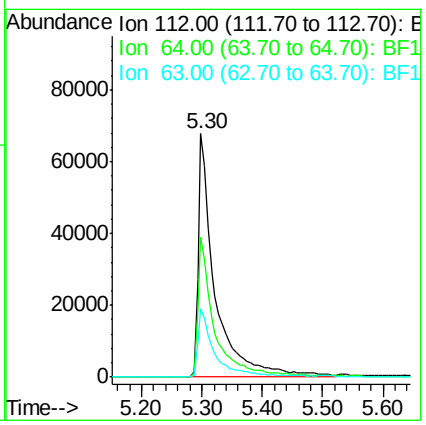


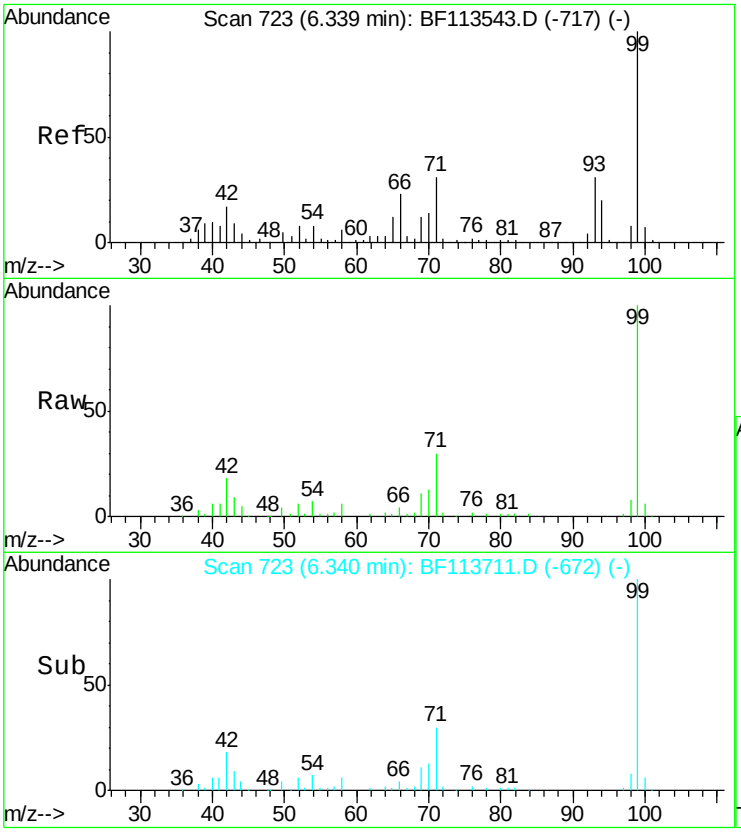


#5
2-Fluorophenol
Concen: 16.511 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:112 Resp: 132330

Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.2	73.8
63	28.3	24.9	37.3



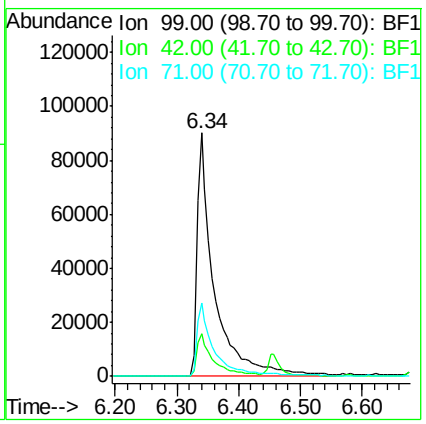


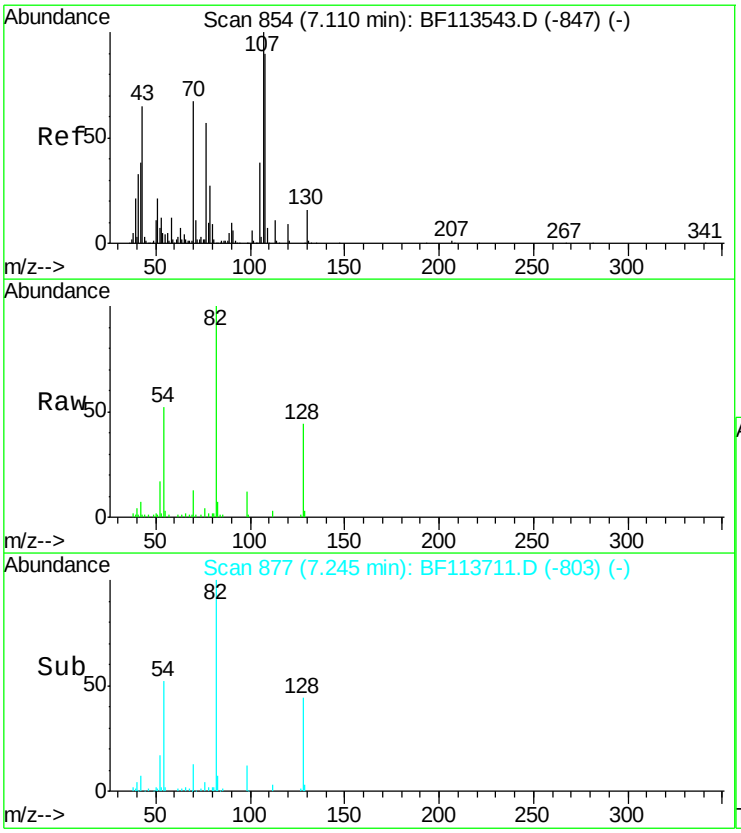
#7
Phenol-d6
Concen: 17.881 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 176628

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	30.0	24.9	37.3

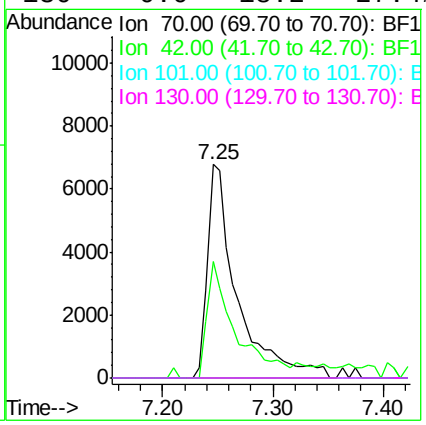


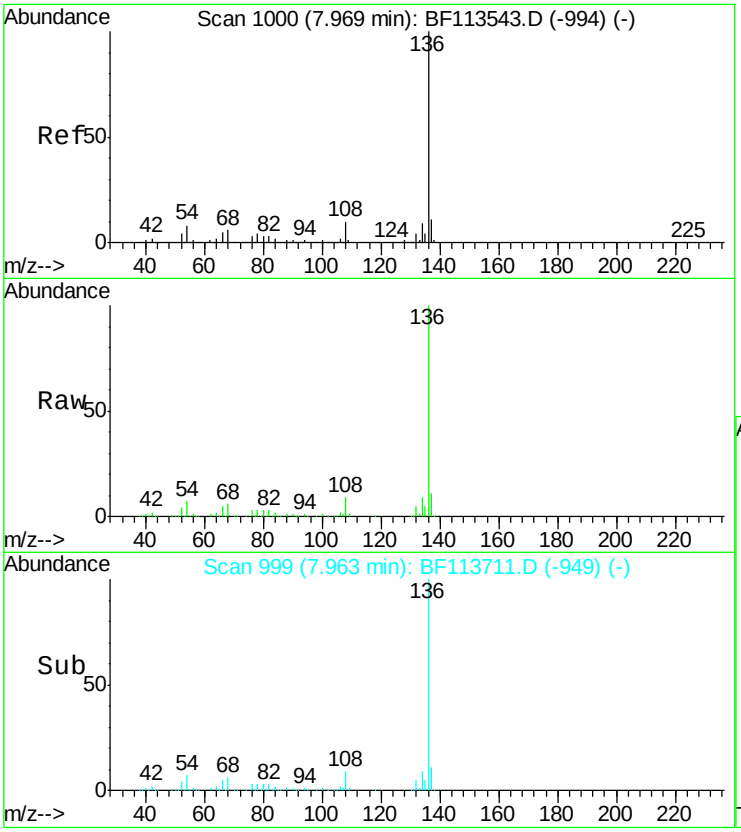


#19
n-Nitroso-di-n-propylamine
Concen: 2.046 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion: 70 Resp: 12464

Ion	Ratio	Lower	Upper
70	100		
42	54.3	48.4	72.6
101	0.0	7.8	11.8#
130	0.0	18.2	27.4#



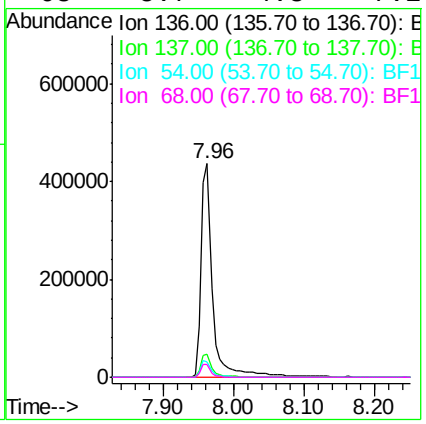


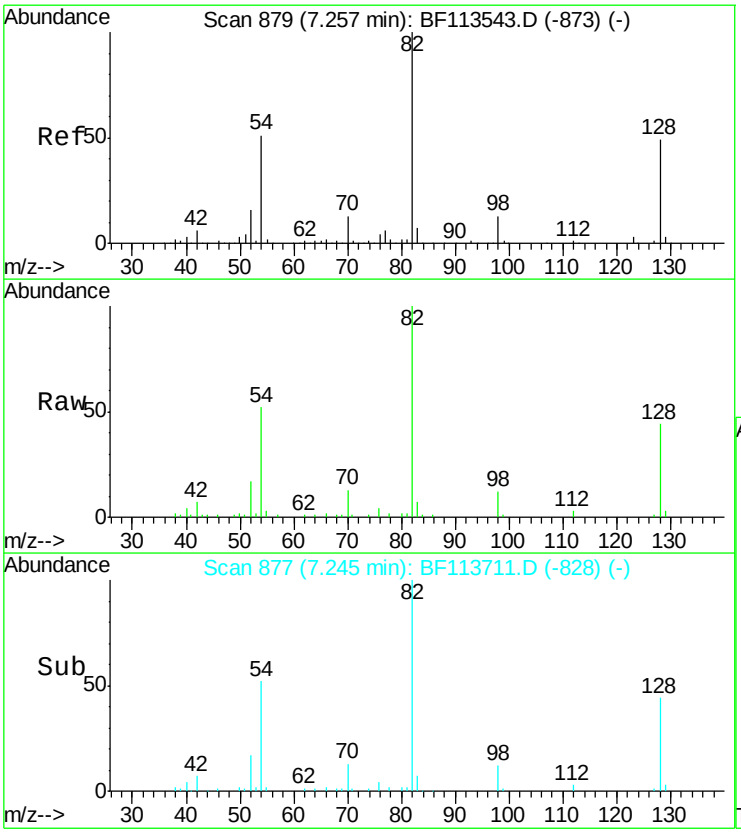
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 503069

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	7.0	10.6
68	5.7	4.8	7.2

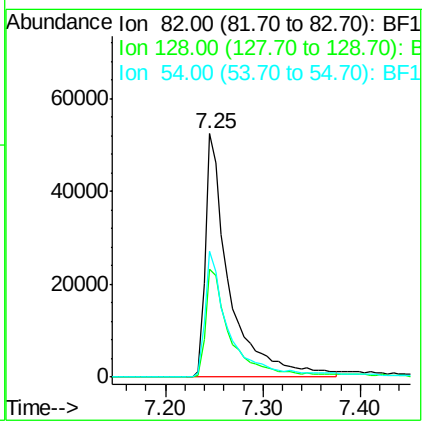


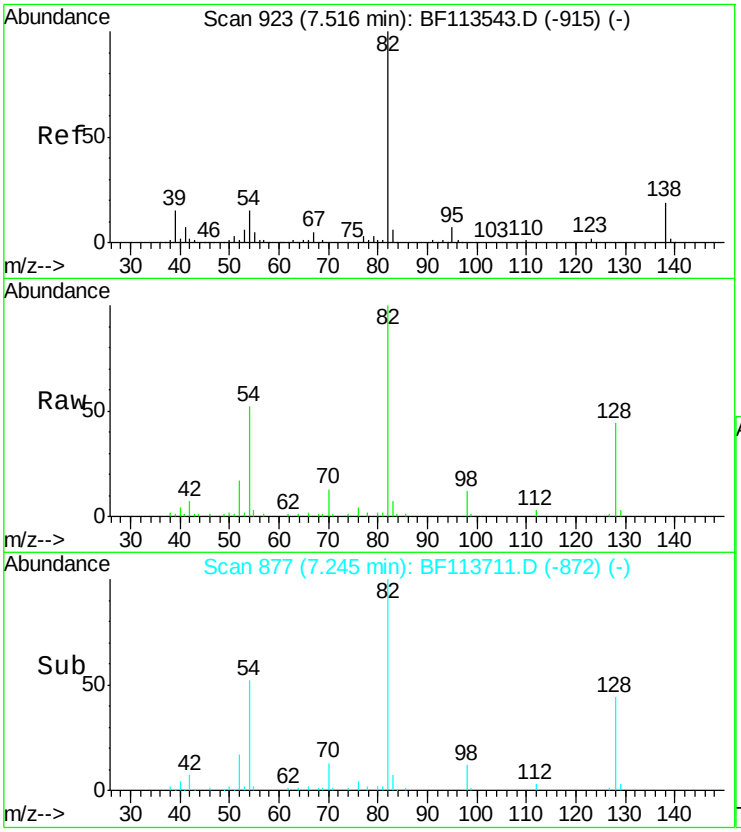


#23
Nitrobenzene-d5
Concen: 10.416 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion: 82 Resp: 89454

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.5	54.7
54	51.7	42.2	63.2



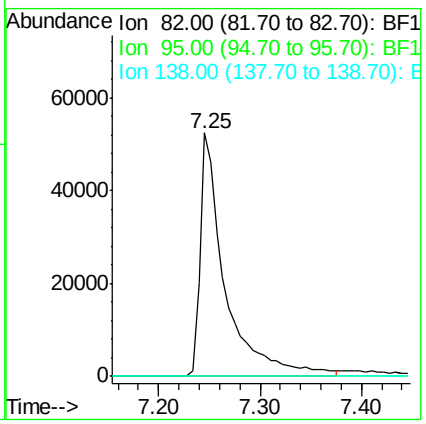


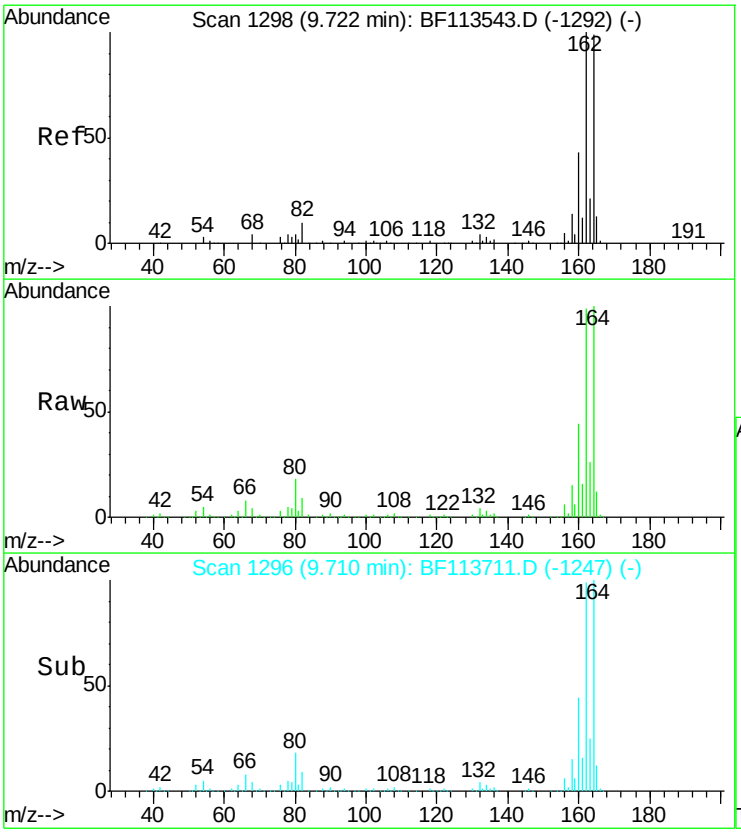
#25
Isophorone
Concen: 5.407 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 89453

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

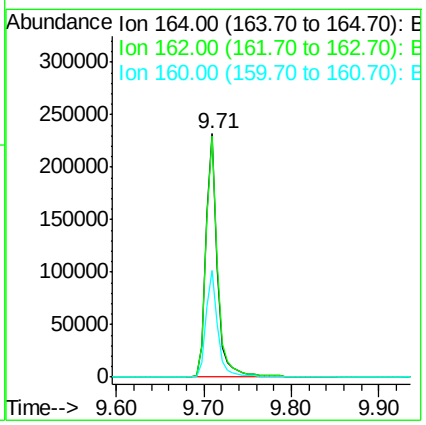


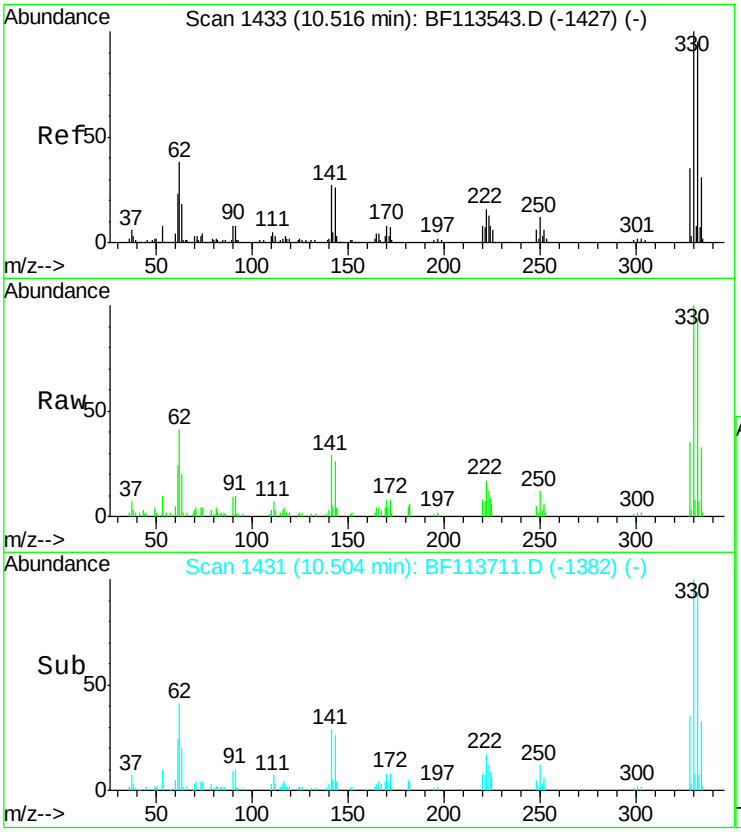


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:164 Resp: 213189

Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.8	122.6
160	43.8	36.4	54.6



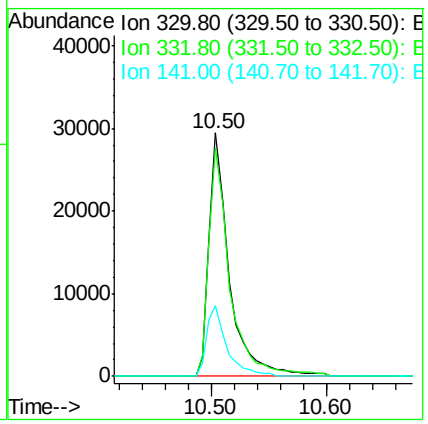


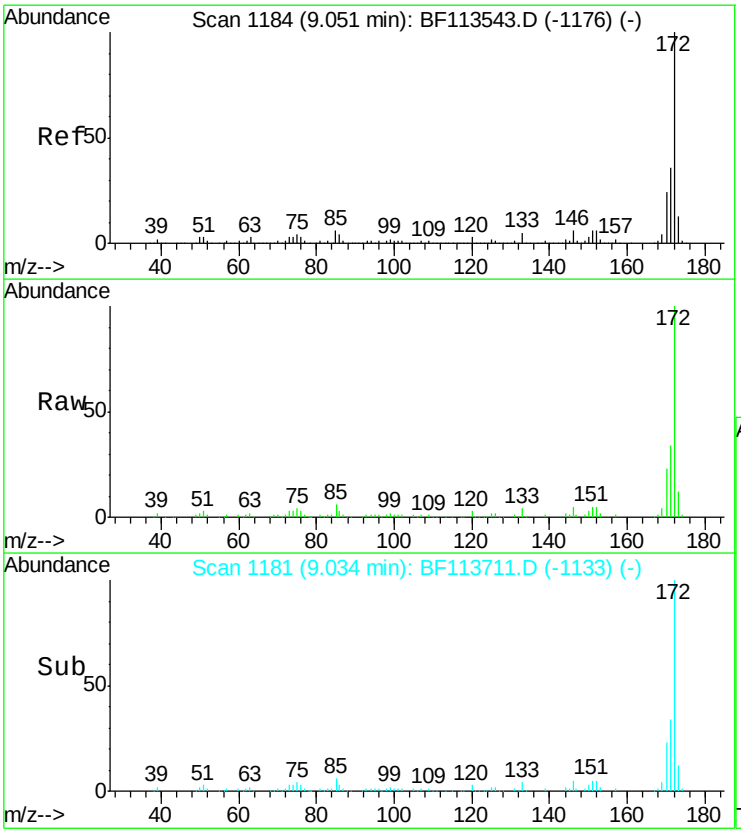
#42
2,4,6-Tribromophenol
Concen: 14.127 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 36178

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.6
141	28.5	22.7	34.1

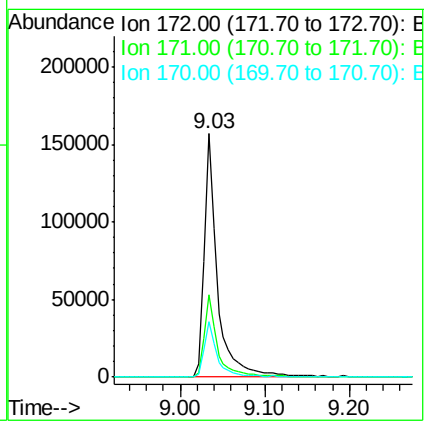


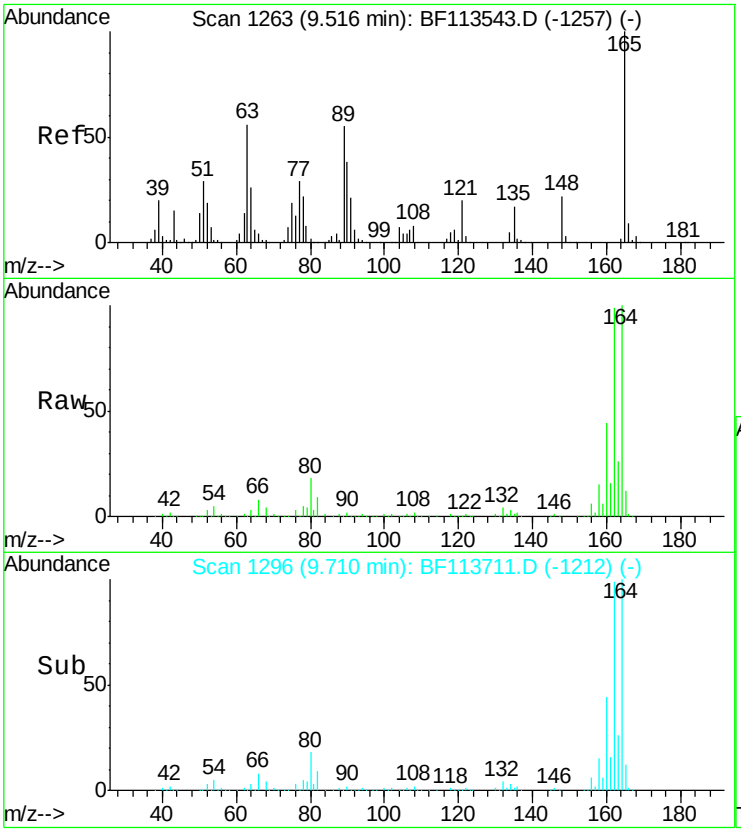


#45
2-Fluorobiphenyl
Concen: 12.869 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:172 Resp: 170422

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.0	43.6
170	22.6	19.5	29.3



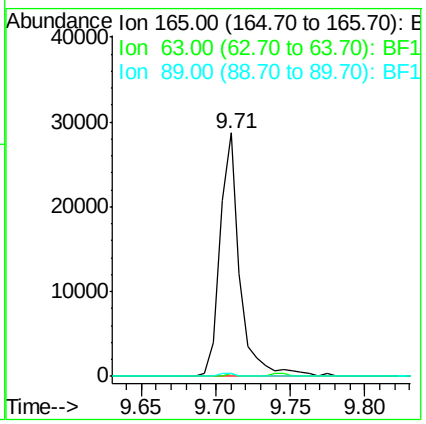


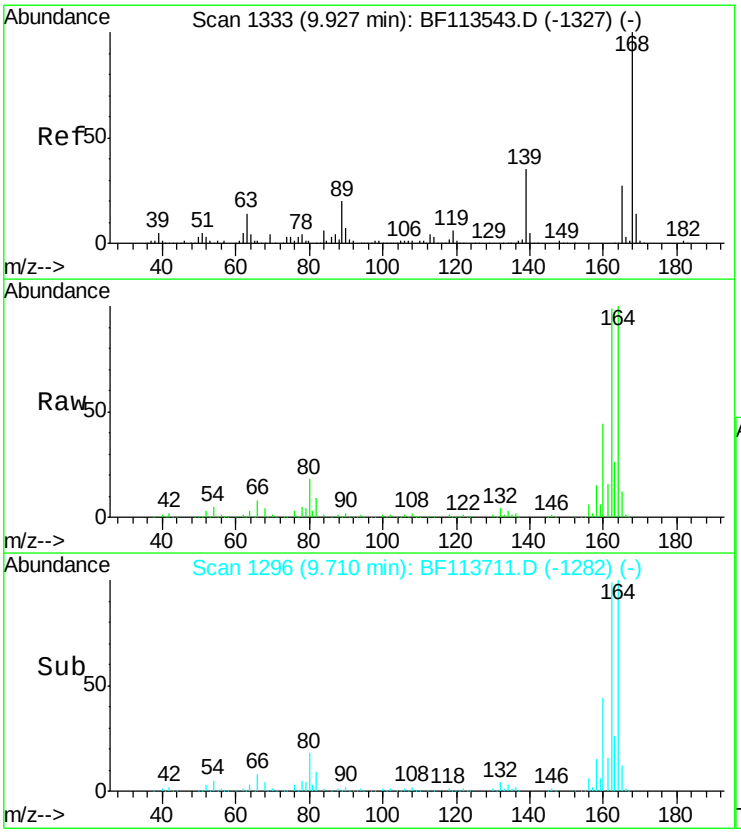
#51
2,6-Dinitrotoluene
Concen: 7.782 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26957

Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.0#
89	1.3	43.1	64.7#

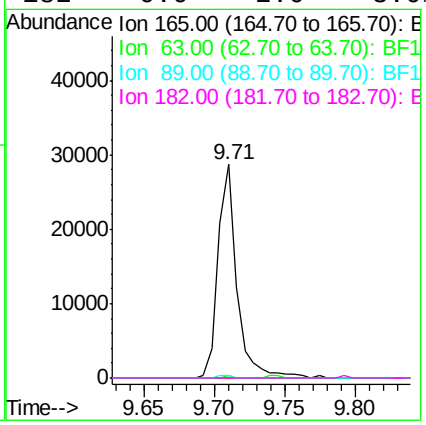


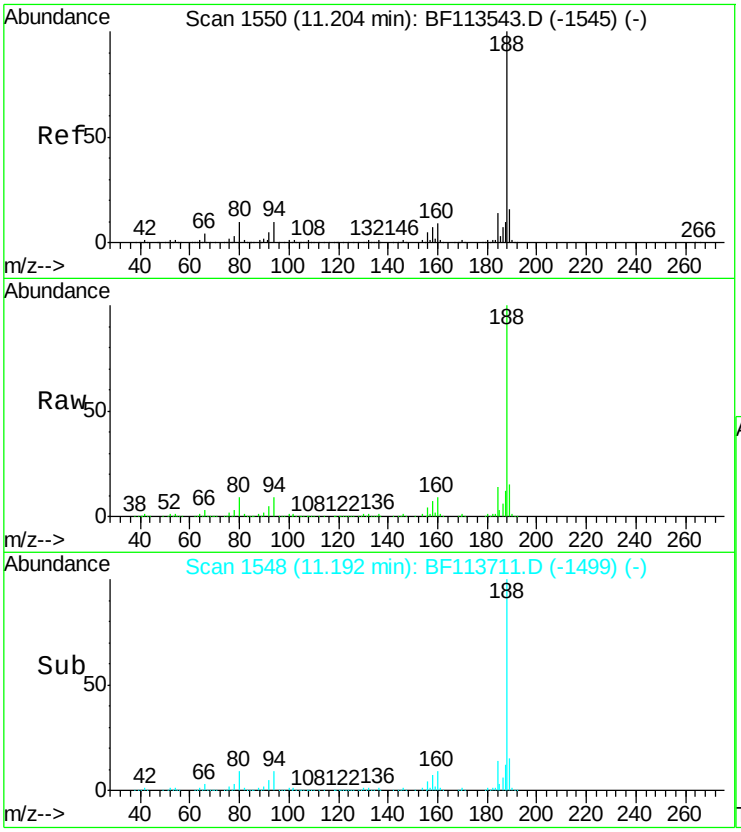


#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:165 Resp: 26958

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



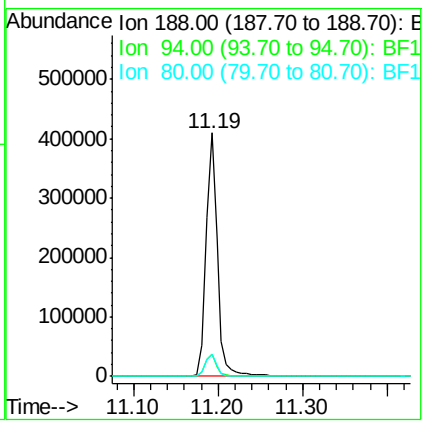


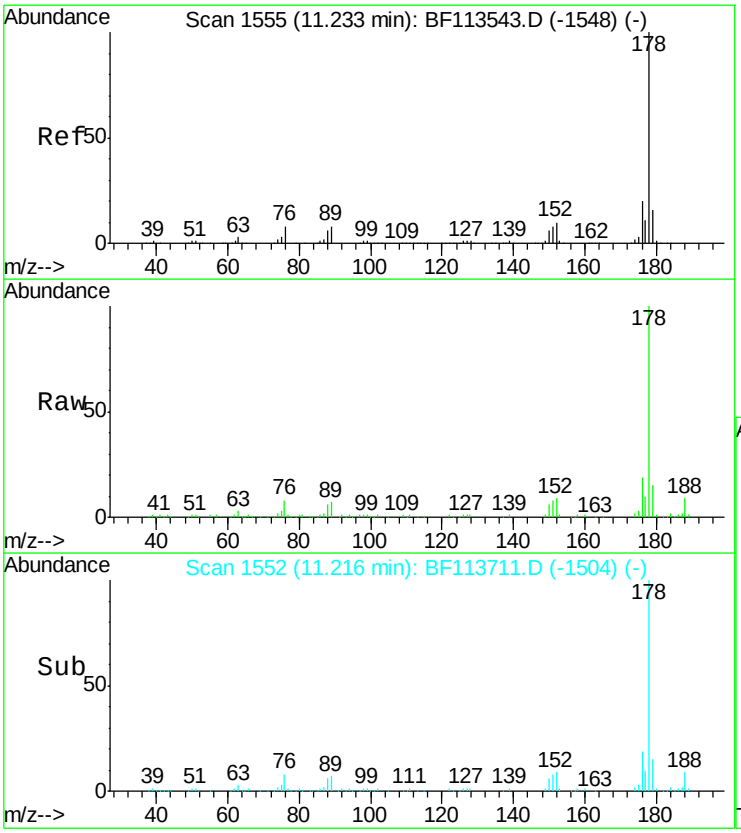
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 385661

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.2	7.7	11.5

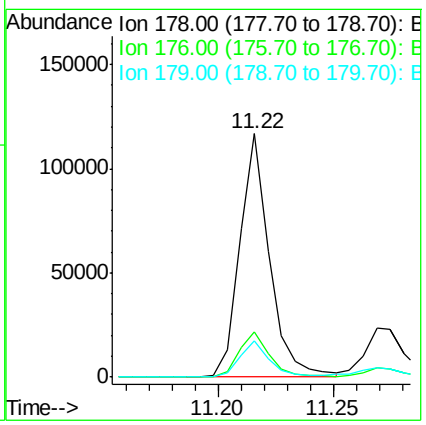


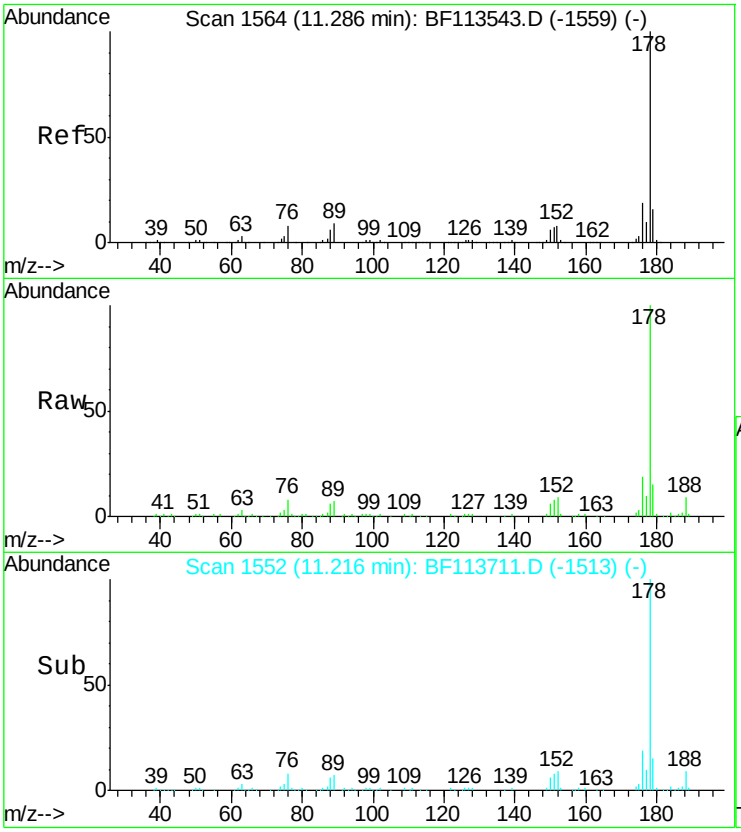


#71
Phenanthrene
Concen: 5.498 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:178 Resp: 105362

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.2
179	15.0	12.7	19.1



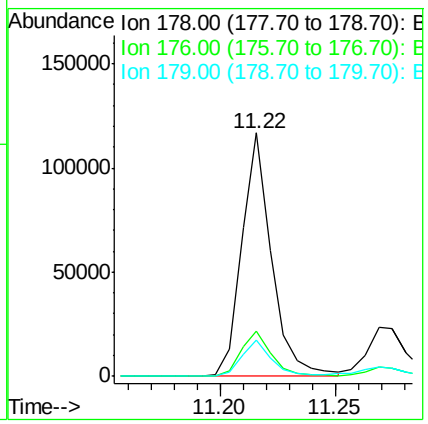


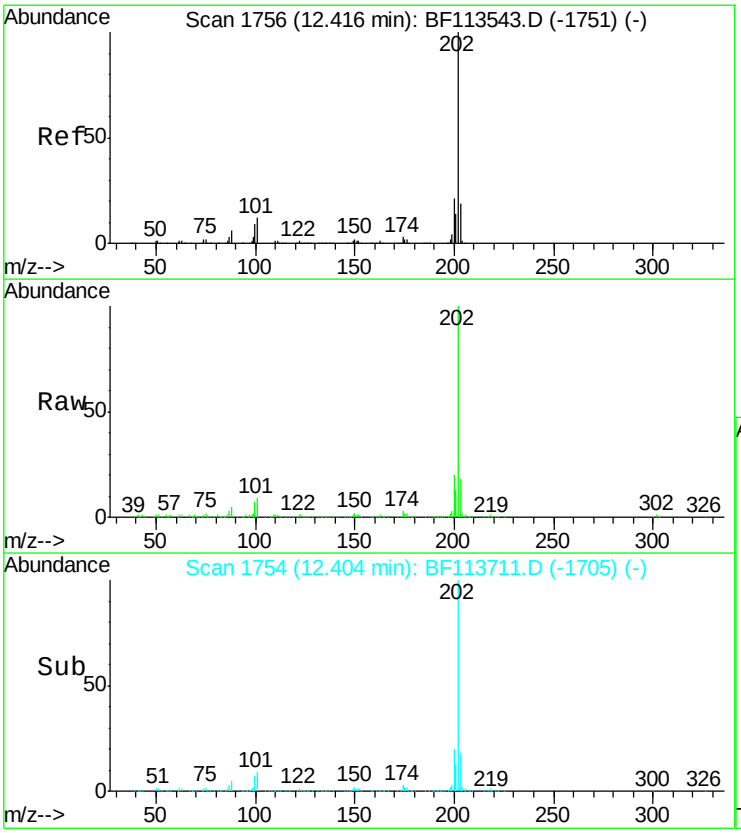
#72
Anthracene
Concen: 5.404 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.07 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 105362

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.8	19.2

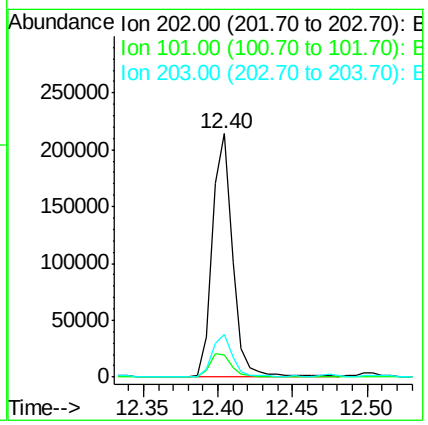


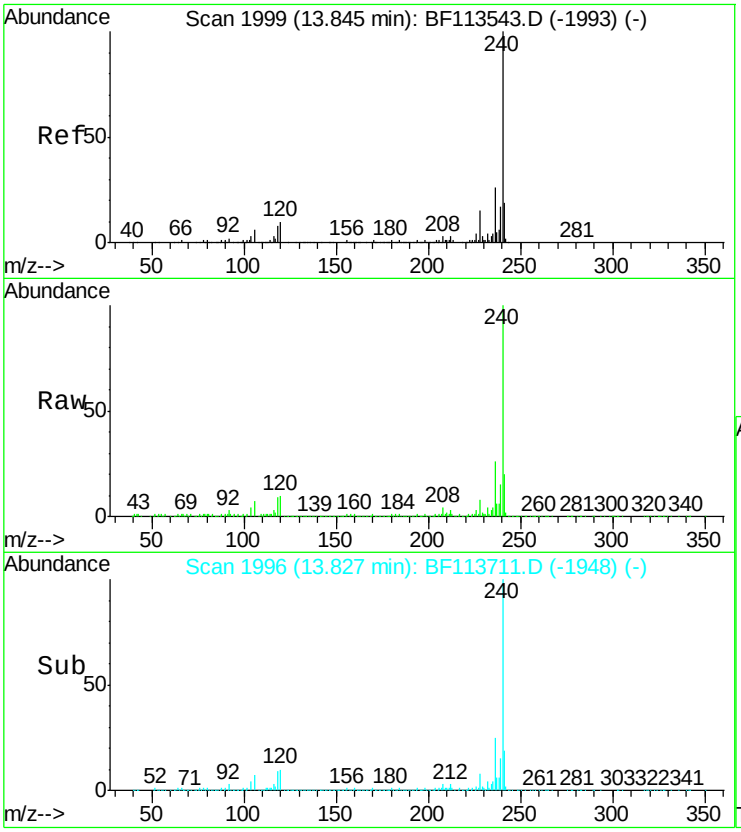


#75
Fluoranthene
Concen: 9.926 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:202 Resp: 203844

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.4
203	17.8	0.0	38.0



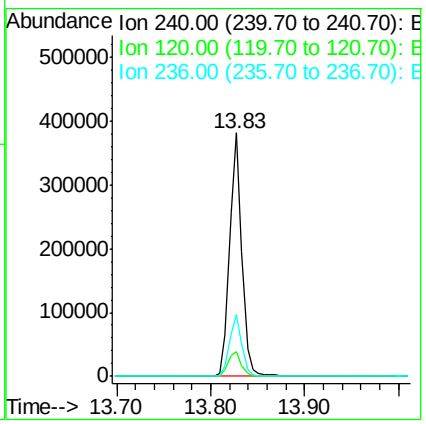


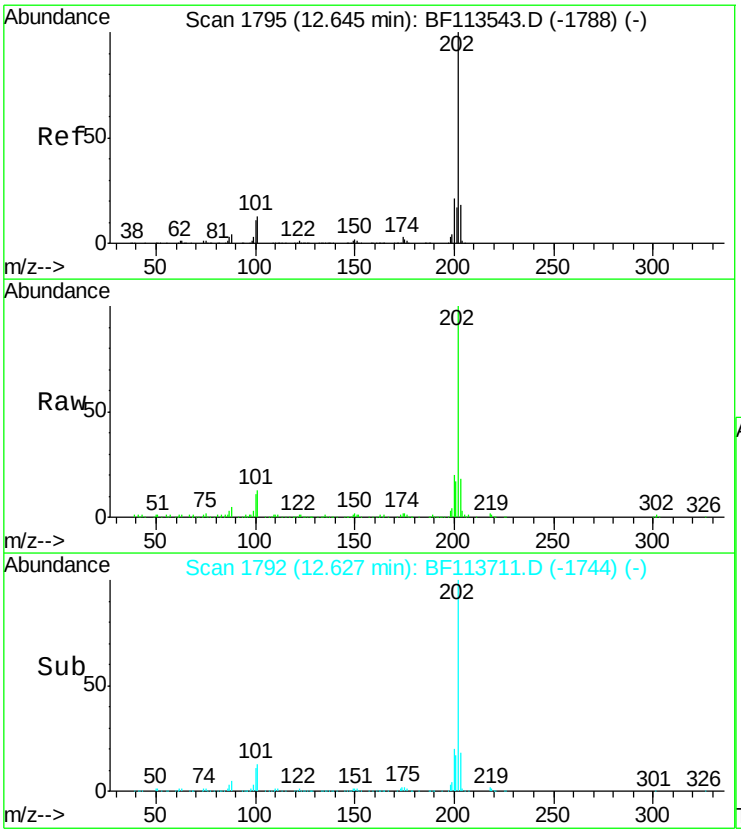
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 345978

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.8	13.2
236	25.6	20.9	31.3

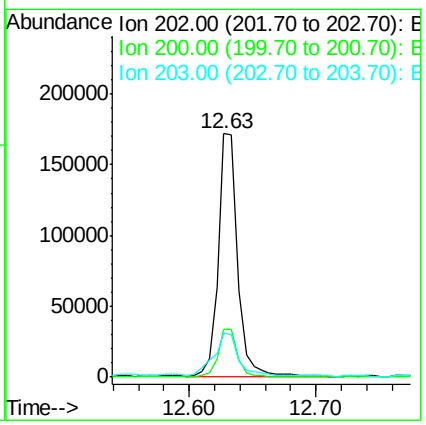


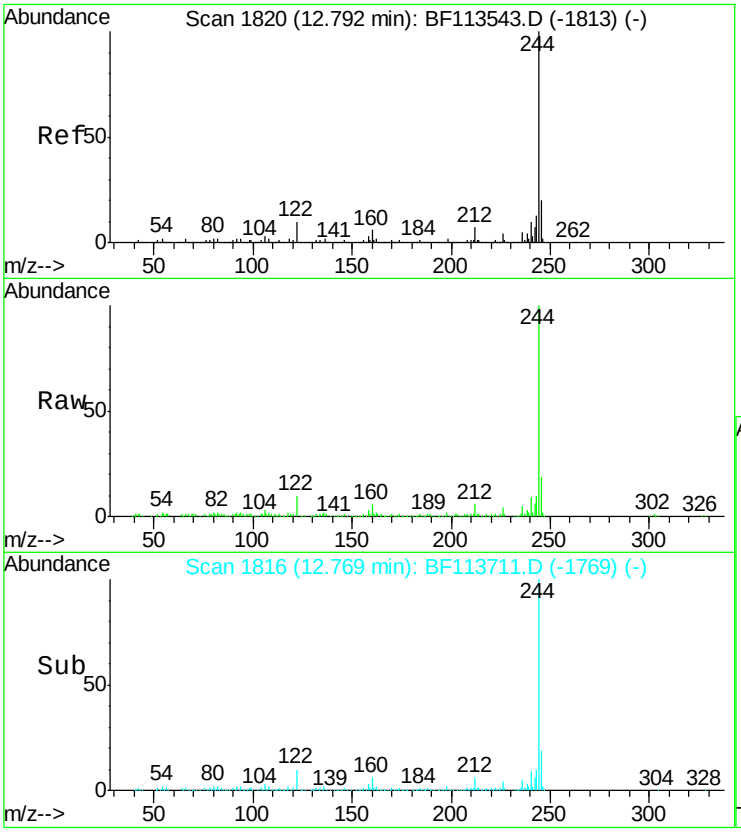


#78
Pyrene
Concen: 6.936 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:202 Resp: 182603

Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	18.1	14.4	21.6



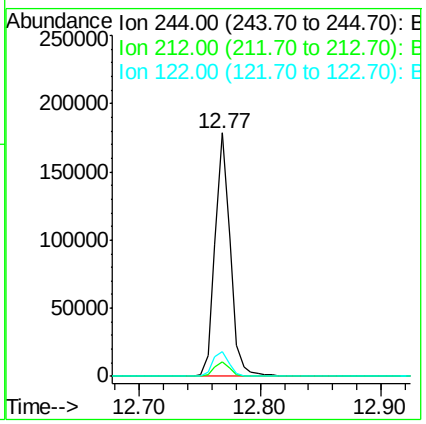


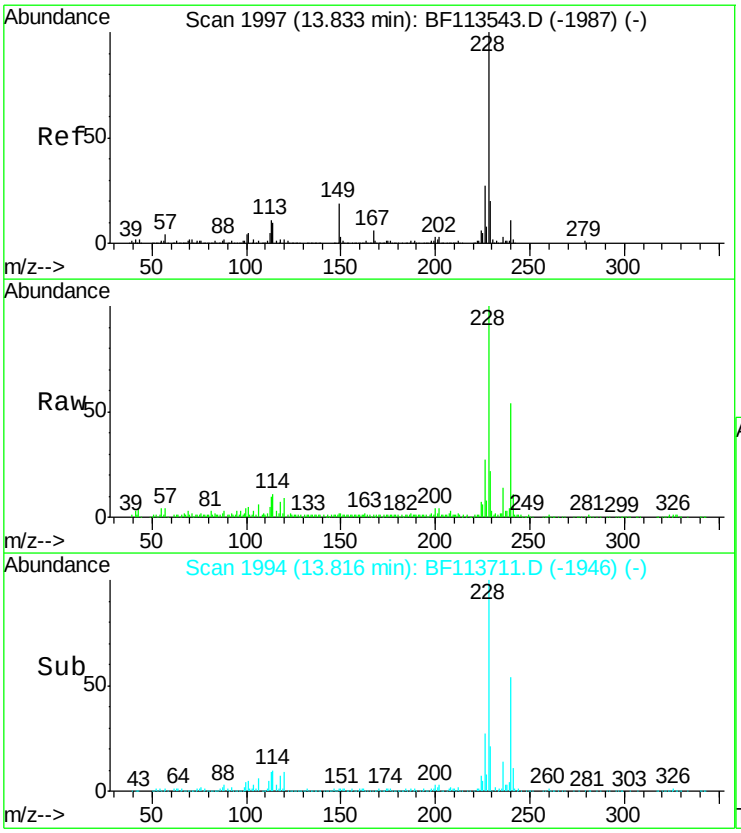
#79
Terphenyl-d14
Concen: 9.043 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 153674

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.5	8.3
122	10.2	8.6	13.0

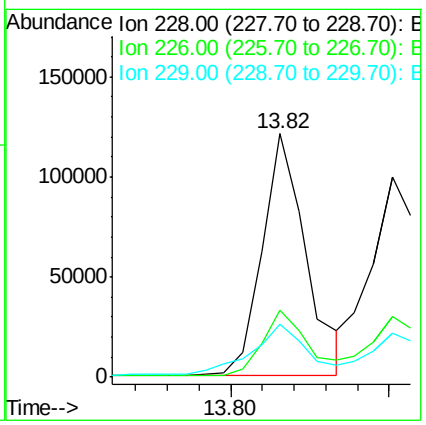


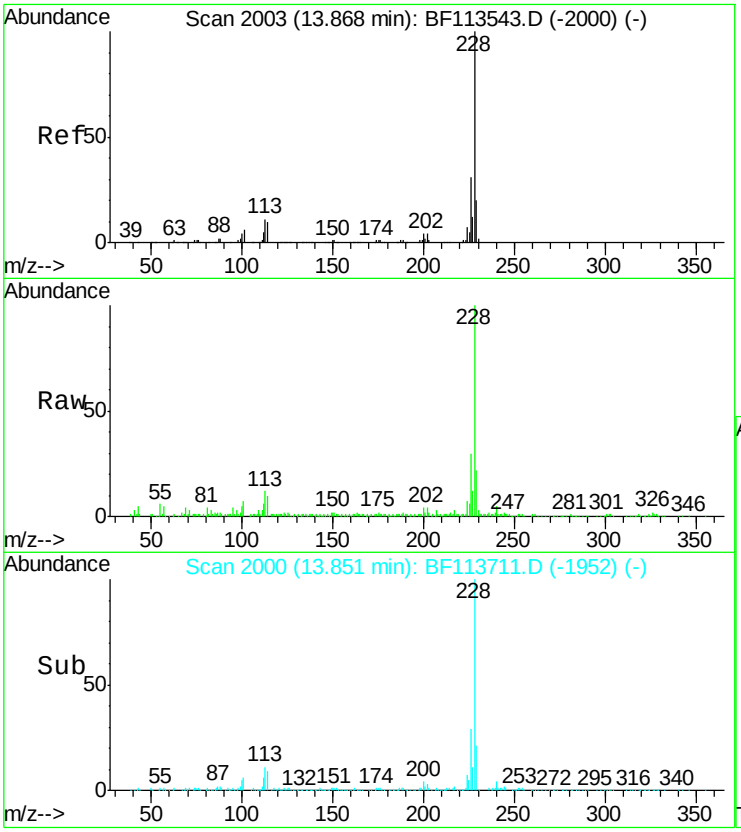


#81
Benzo(a)anthracene
Concen: 5.822 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:228 Resp: 116202

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	21.6	16.2	24.4



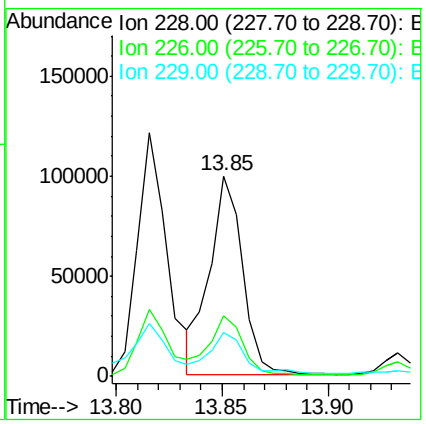


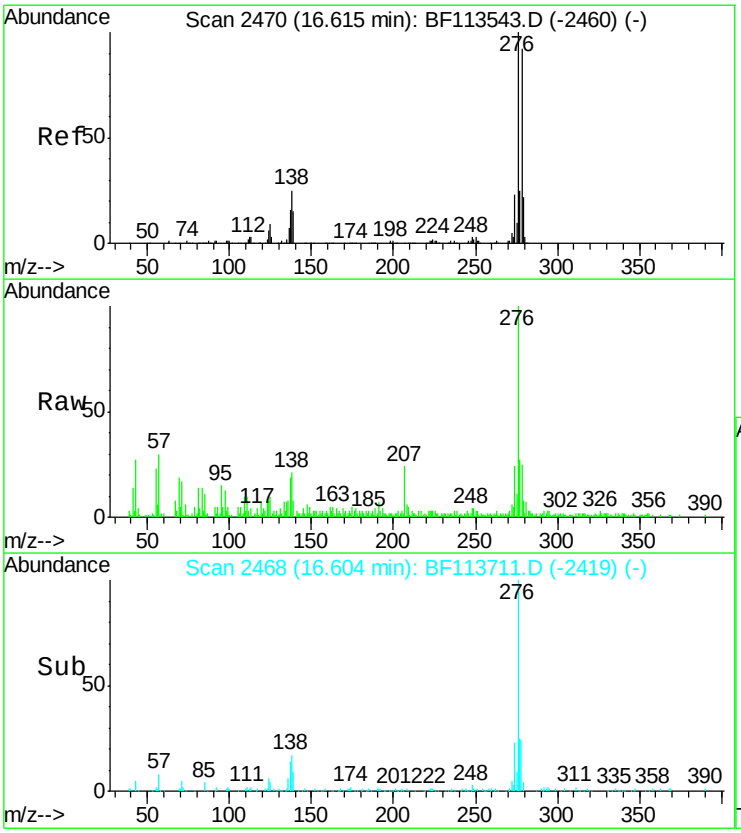
#83
Chrysene
Concen: 5.374 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 108716

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	21.9	16.3	24.5

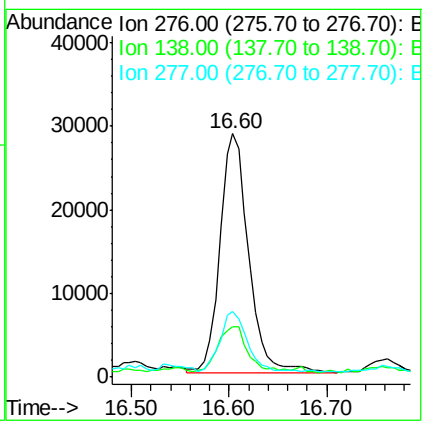


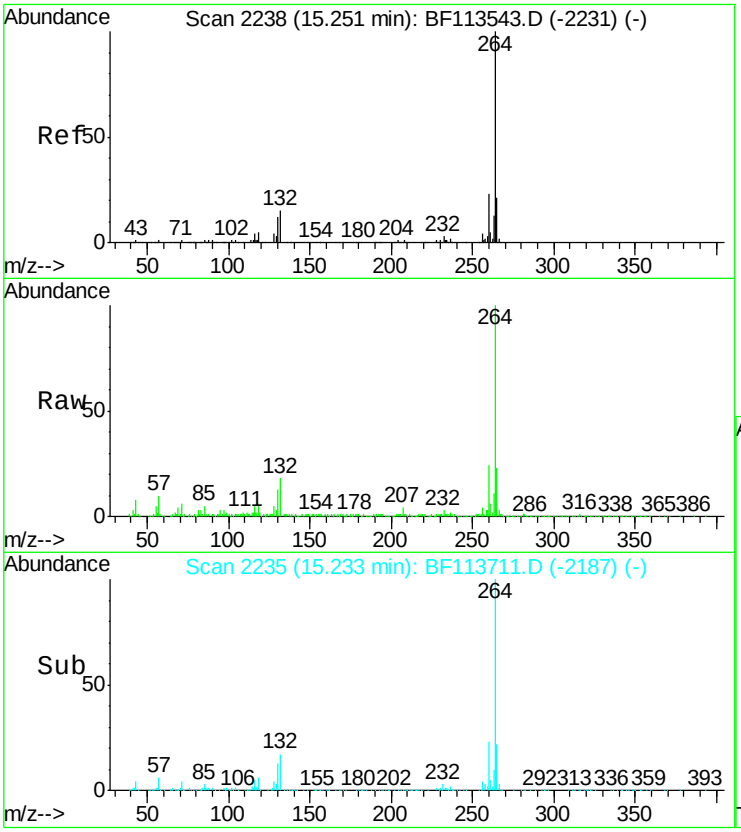


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.100 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:276 Resp: 57911

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.1	27.1
277	23.5	20.2	30.4



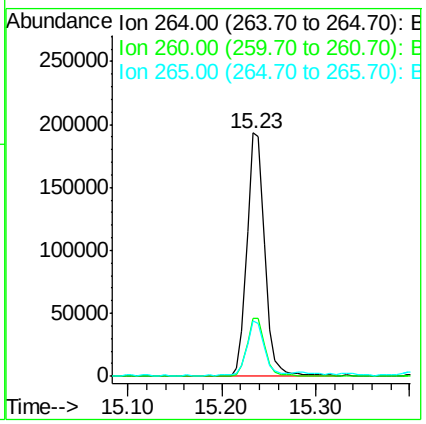


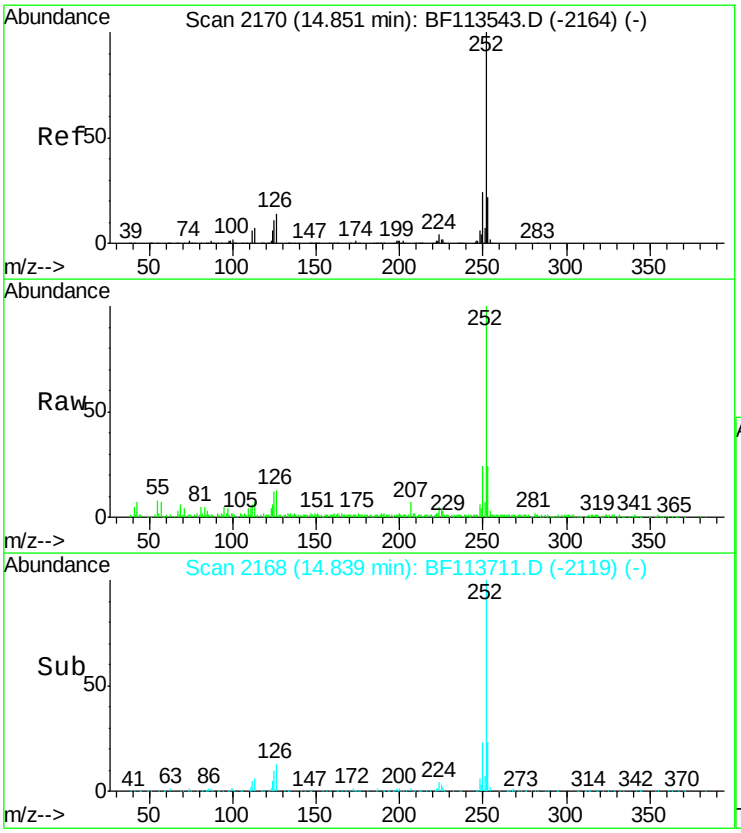
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 251945

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.5	17.1	25.7

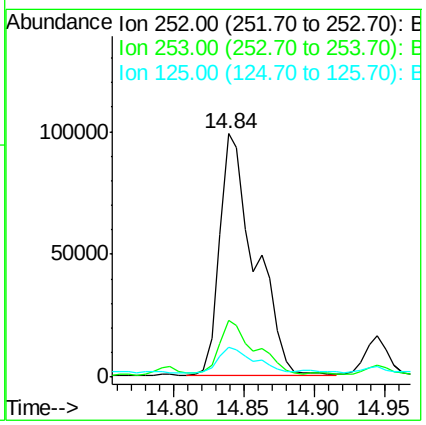


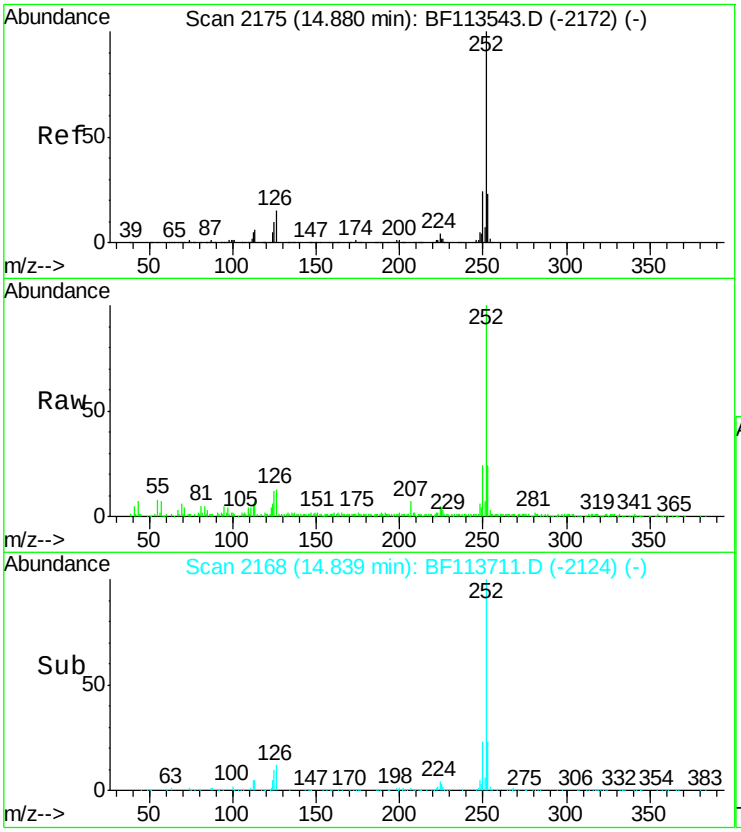


#88
Benzo(b)fluoranthene
Concen: 11.070 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:252 Resp: 170728

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	12.1	7.6	11.4#



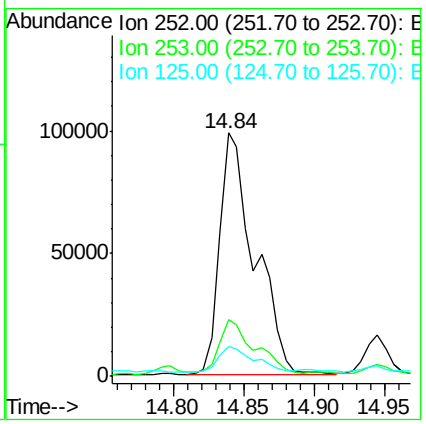


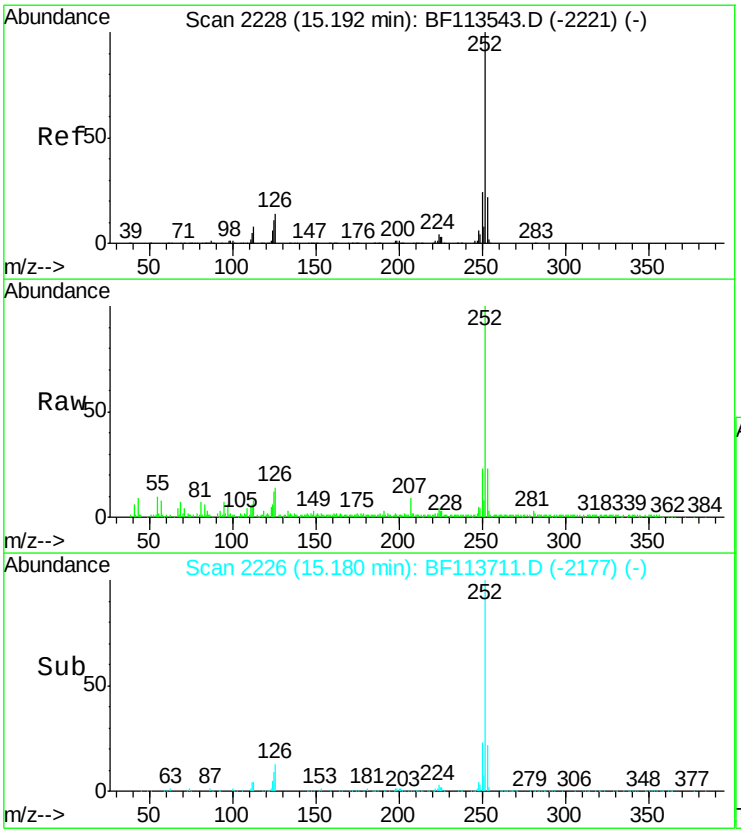
#89
Benzo(k)fluoranthene
Concen: 12.335 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 170728

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	12.1	7.3	10.9#

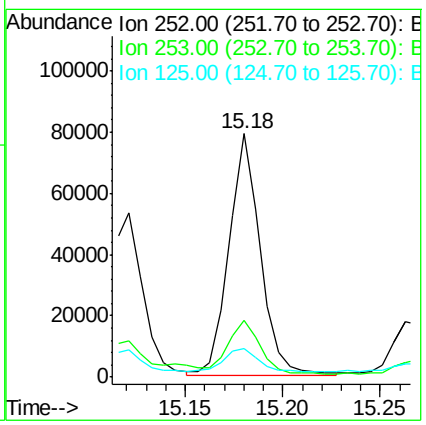


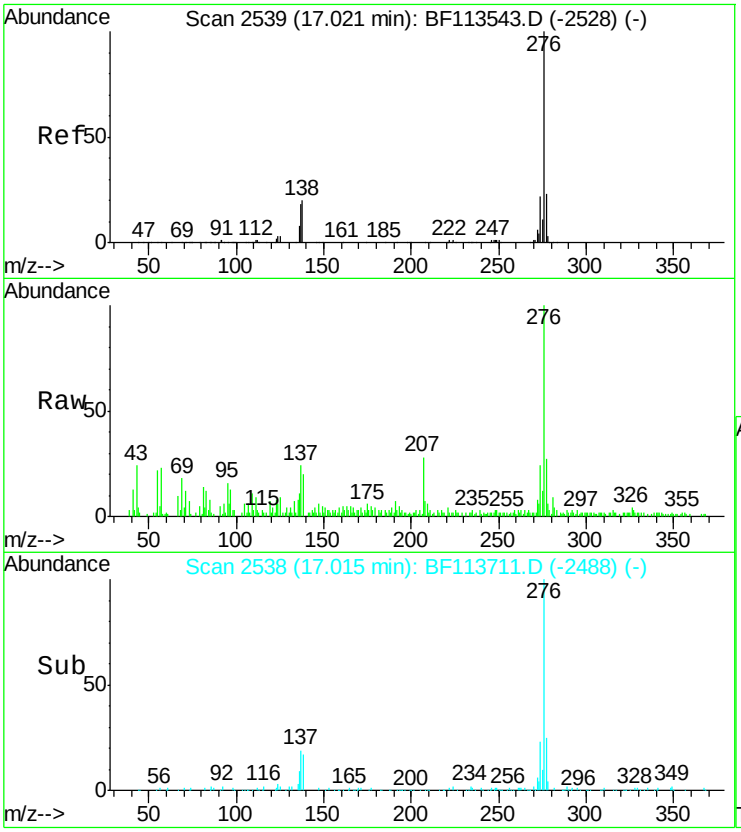


#90
Benzo(a)pyrene
Concen: 6.380 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Tgt Ion:252 Resp: 87426

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.0	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 4.223 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF113711.D
Acq: 10 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55236

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.8	28.2
138	19.9	15.6	23.4