Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110122.D
Acq On : 24 Oct 2018 18:32
Operator : JU/SJ
Sample : J5198-23 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:13:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	175165	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	661294	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	264406	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	418067	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	351624	20.00	ng		-0.01
87) Perylene-d12	15.69	264	255838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	456731	42.46	ng		-0.02
7) Phenol-d6	6.58	99	559453	40.66	ng		-0.02
23) Nitrobenzene-d5	7.53	82	319257	28.63	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	86759	33.13	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	565895	33.61	ng		-0.02
79) Terphenyl-d14	13.09	244	427834	25.30	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	1126	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.53	70	41087	4.655	ng	#	79
25) Isophorone	7.53	82	319252	16.798	ng	#	67
50) Dimethylphthalate	9.72	163	59492	3.048	ng		99
51) 2,6-Dinitrotoluene	10.01	165	33672	8.009	ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	33672	6.305	ng	#	19
71) Phenanthrene	11.53	178	134235	6.136	ng		98
75) Fluoranthene	12.72	202	257650	11.605	ng		98
78) Pyrene	12.95	202	258597	10.258	ng		97
81) Benzo(a)anthracene	14.18	228	123228	5.910	ng		96
83) Chrysene	14.18	228	123228	6.222	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	49961	3.041	ng		97
88) Benzo(b)fluoranthene	15.23	252	172642	11.686	ng	#	91
89) Benzo(k)fluoranthene	15.23	252	172642	11.887	ng	#	90
90) Benzo(a)pyrene	15.62	252	89219	6.563	ng	#	96
92) Benzo(g,h,i)perylene	17.72	276	49139	4.251	ng	#	84

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

Quantitation Report (Not Reviewed)

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Acq On : 24 Oct 2018 18:32
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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BNA_F
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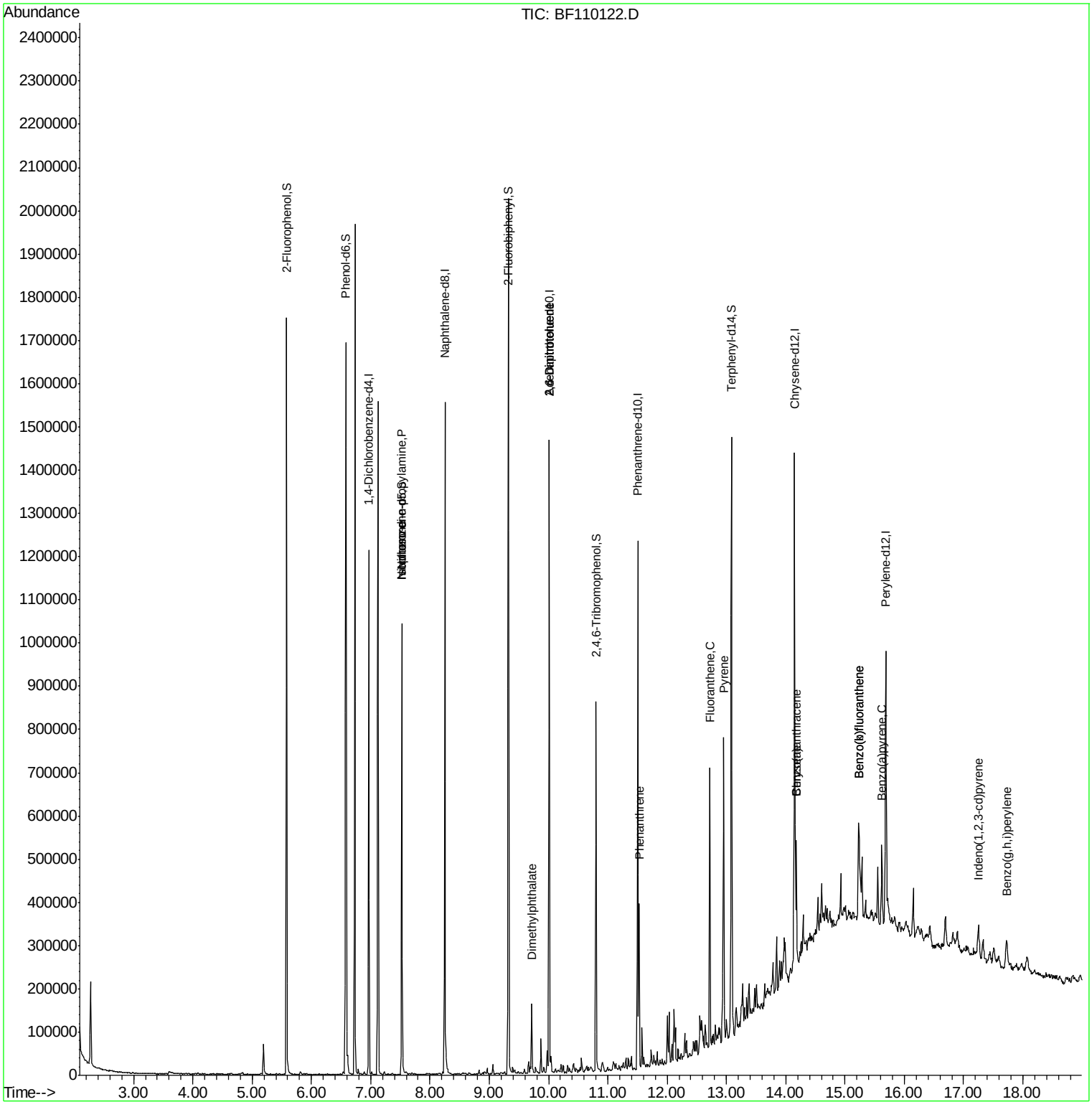
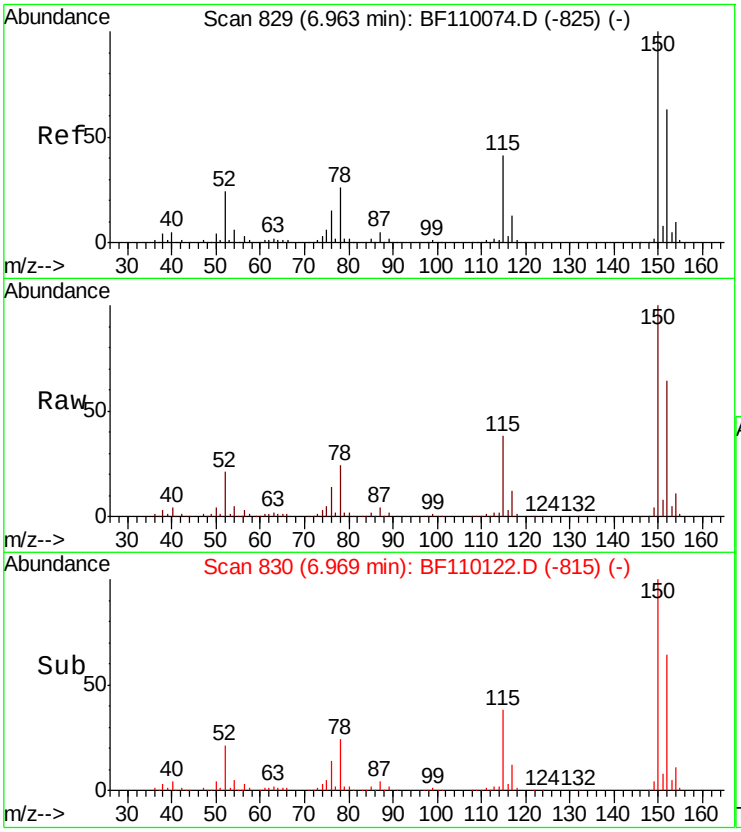
Quant Time: Oct 25 02:13:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration



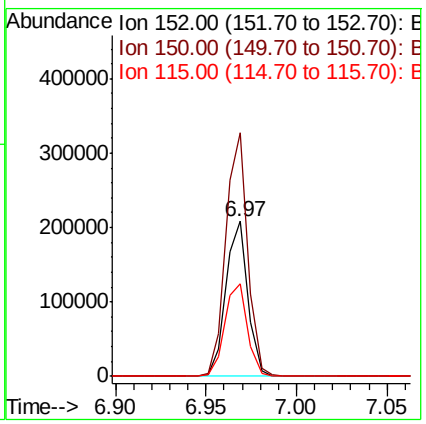


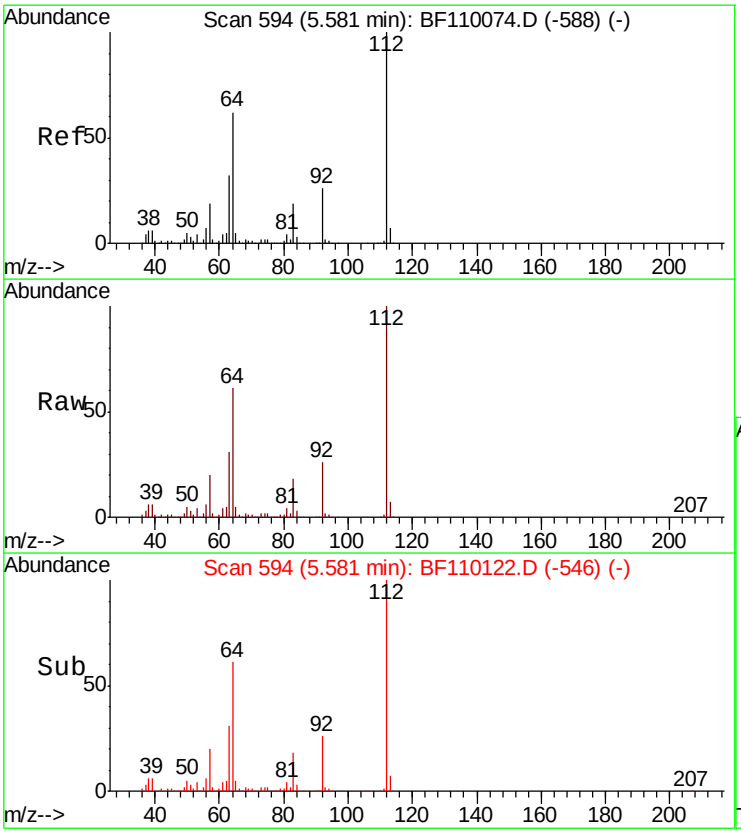
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175165

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.7	184.1
115	59.4	49.1	73.7

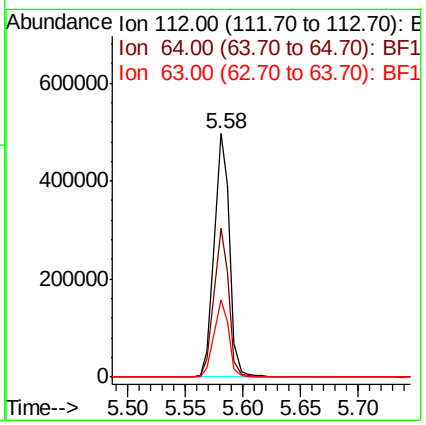


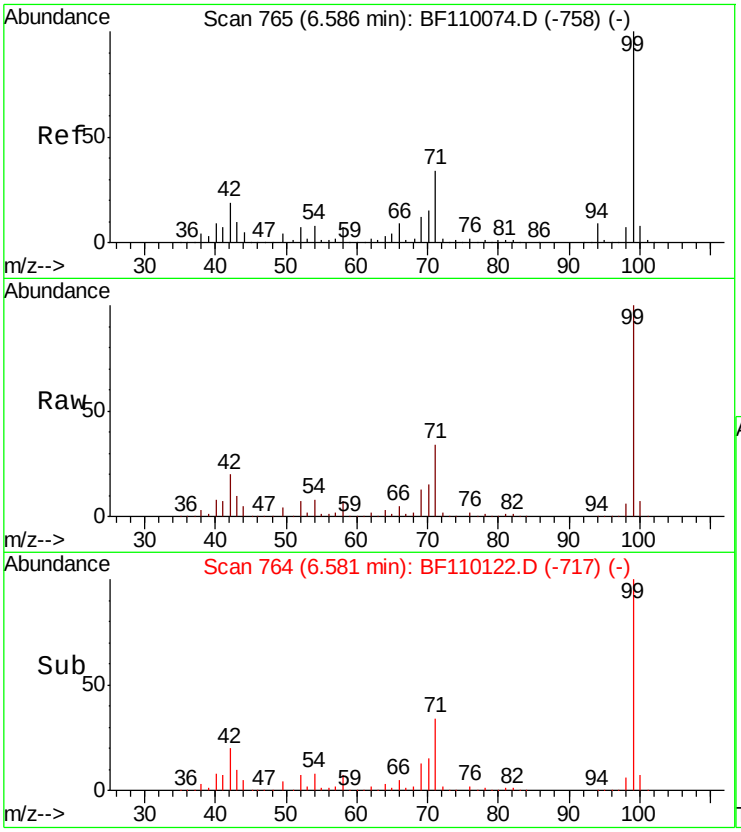


#5
2-Fluorophenol
Concen: 42.461 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:112 Resp: 456731

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	31.5	23.7	35.5



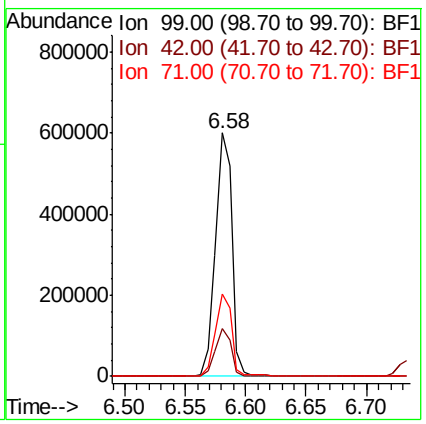


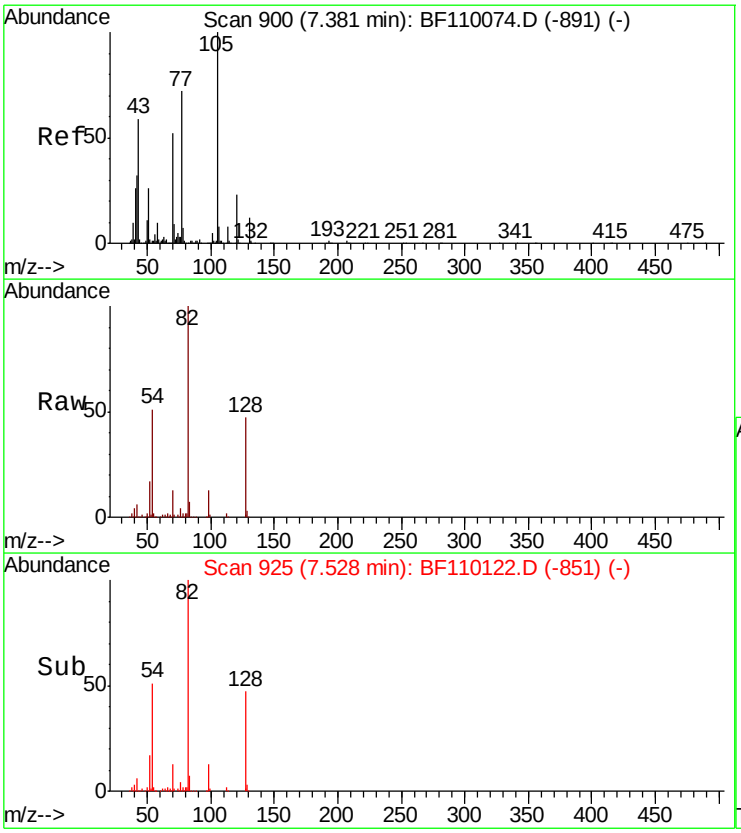
#7
Phenol-d6
Concen: 40.663 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 559453

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.8	23.6
71	33.9	28.0	42.0

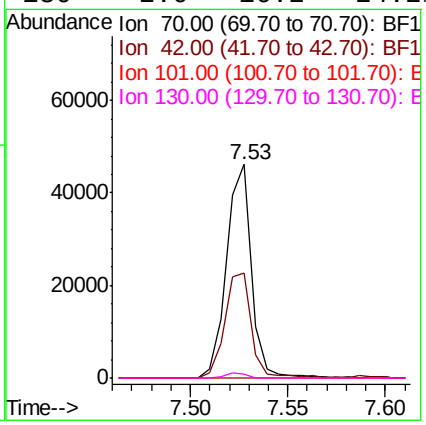


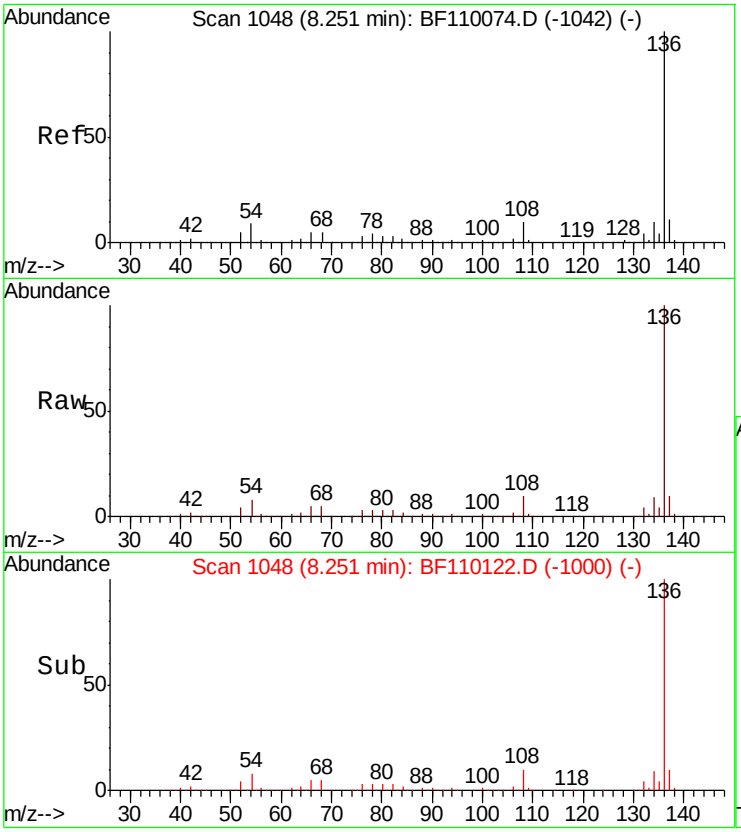


#19
n-Nitroso-di-n-propylamine
Concen: 4.655 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion: 70 Resp: 41087

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.0	16.2	24.2#



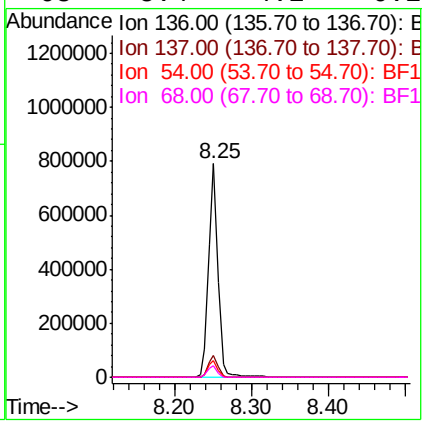


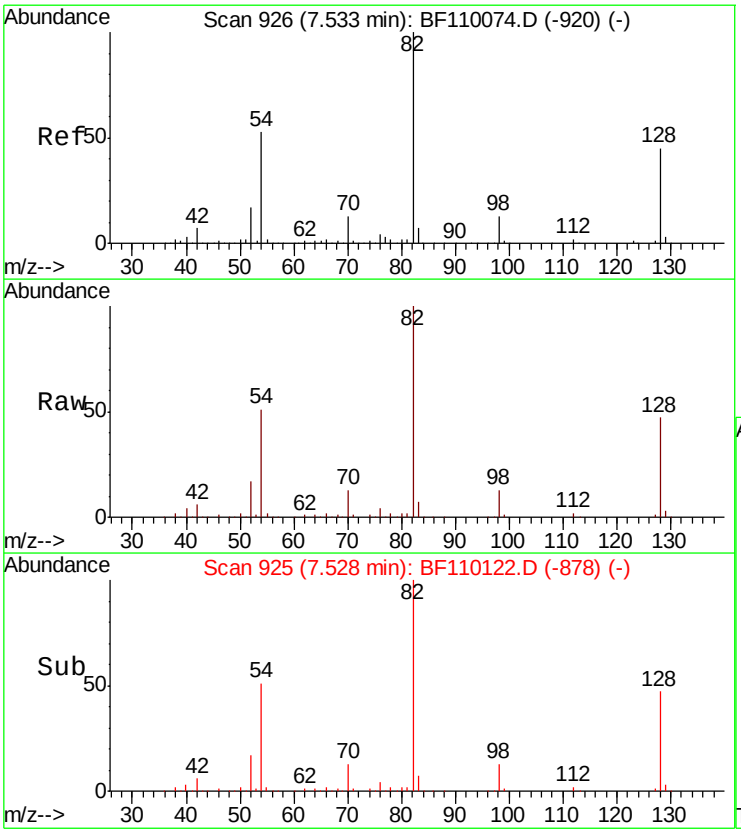
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 661294

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.7	5.4	8.2
68	5.4	4.2	6.2

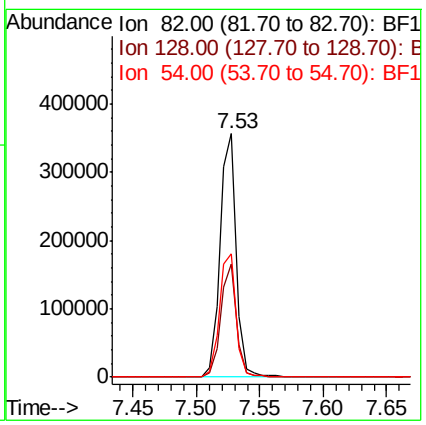


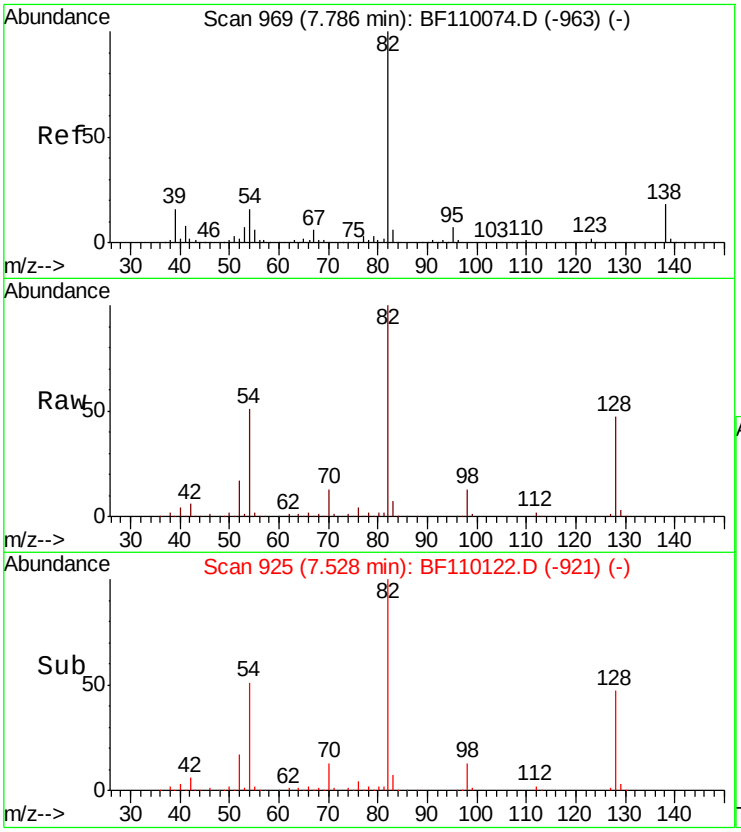


#23
Nitrobenzene-d5
Concen: 28.635 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion: 82 Resp: 319257

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	50.8	38.6	58.0



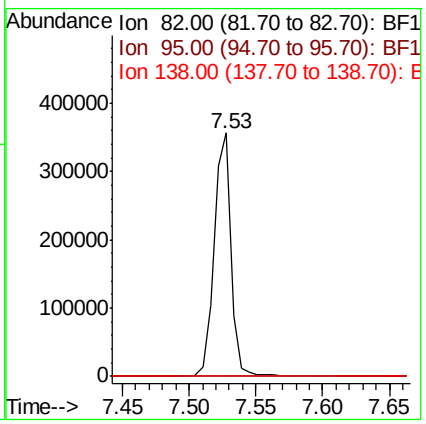


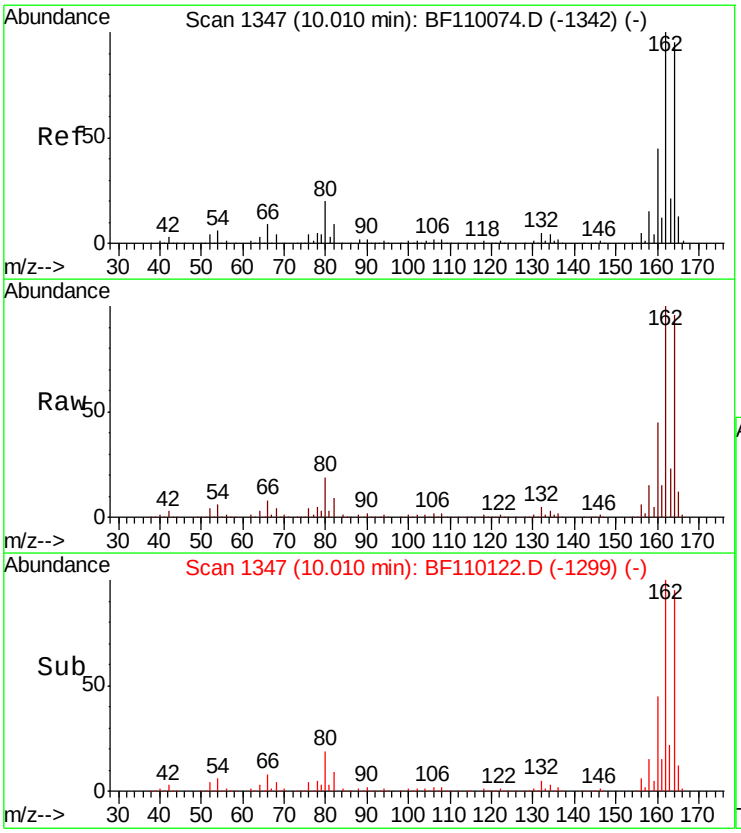
#25
Isophorone
Concen: 16.798 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 319252

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

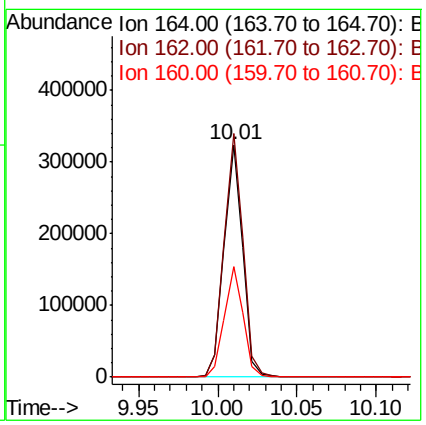


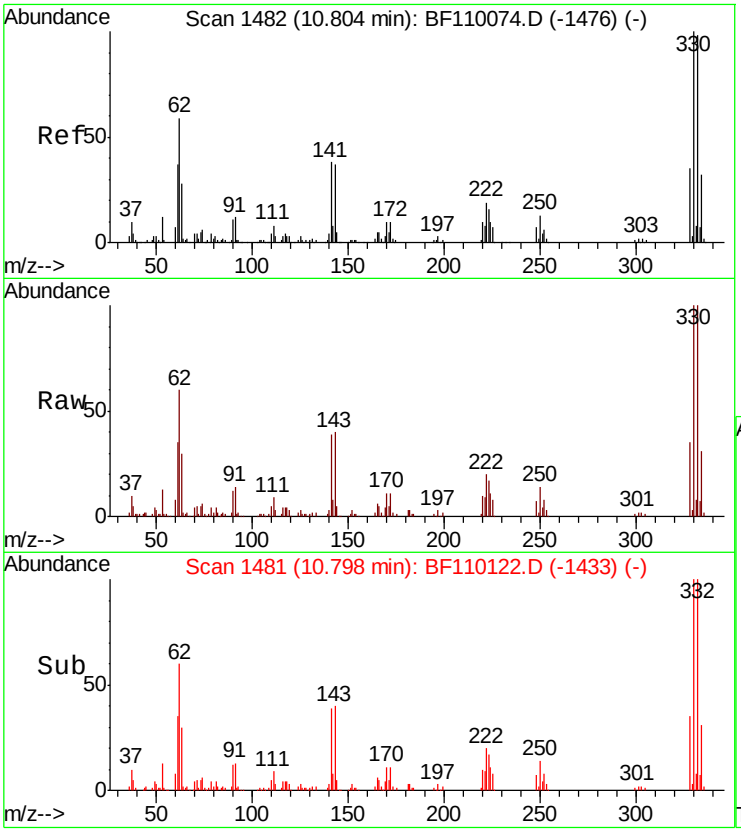


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:164 Resp: 264406

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.0	124.6
160	47.4	37.0	55.6



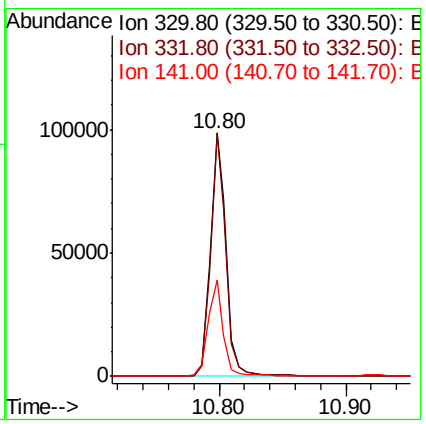


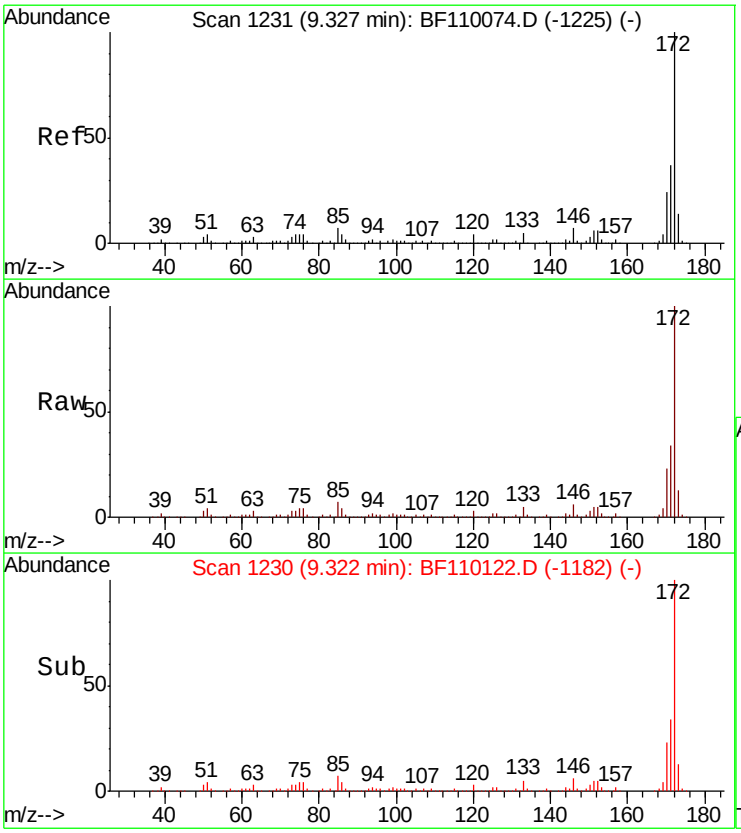
#42
2,4,6-Tribromophenol
Concen: 33.125 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 86759

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	38.2	27.0	40.4

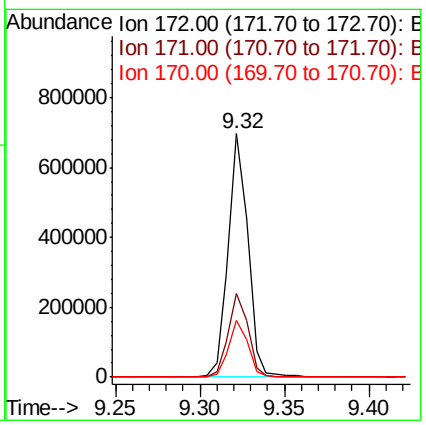


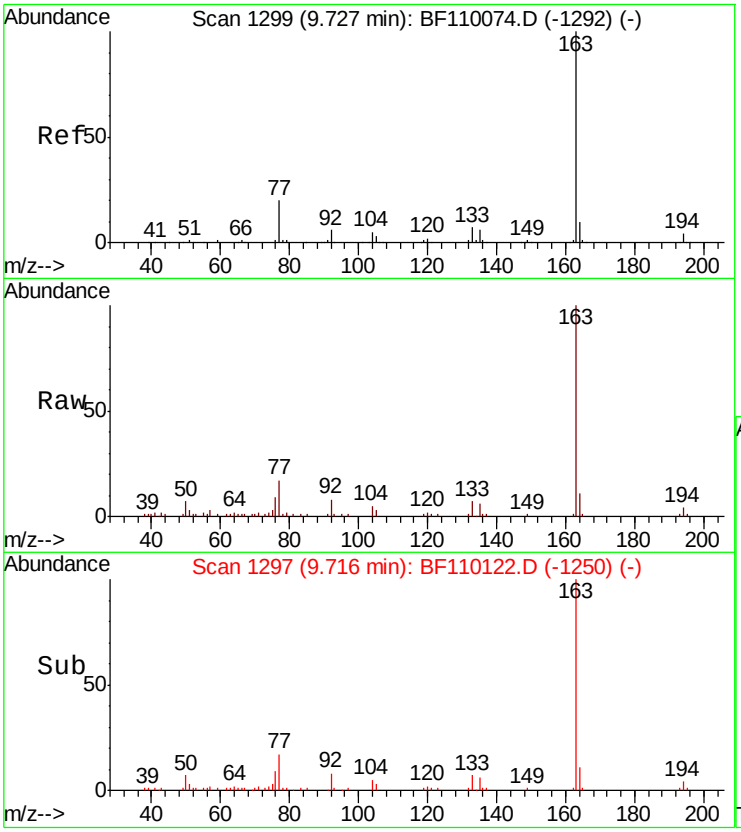


#45
2-Fluorobiphenyl
Concen: 33.607 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:172 Resp: 565895

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.2	19.7	29.5



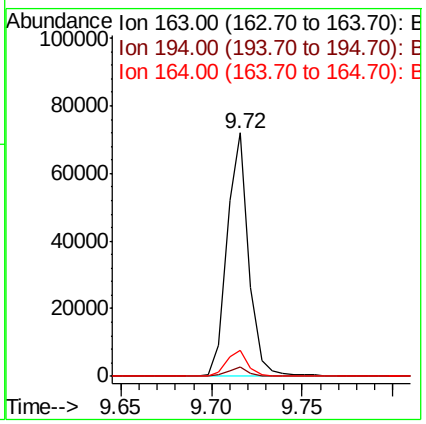


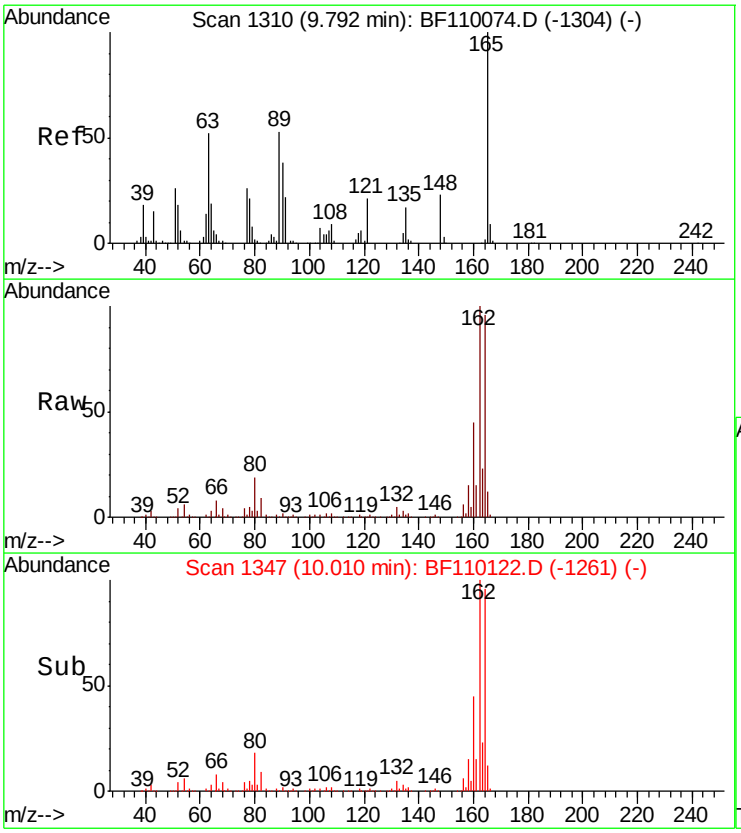
#50
Dimethylphthalate
Concen: 3.048 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 59492

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.7	8.1	12.1

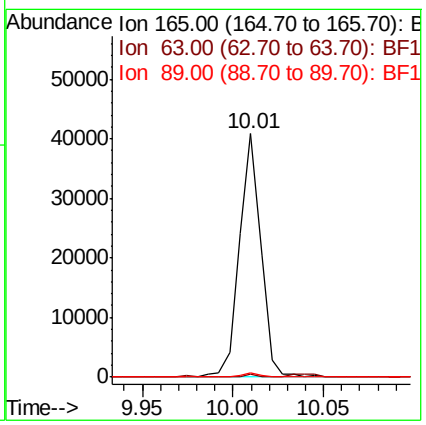


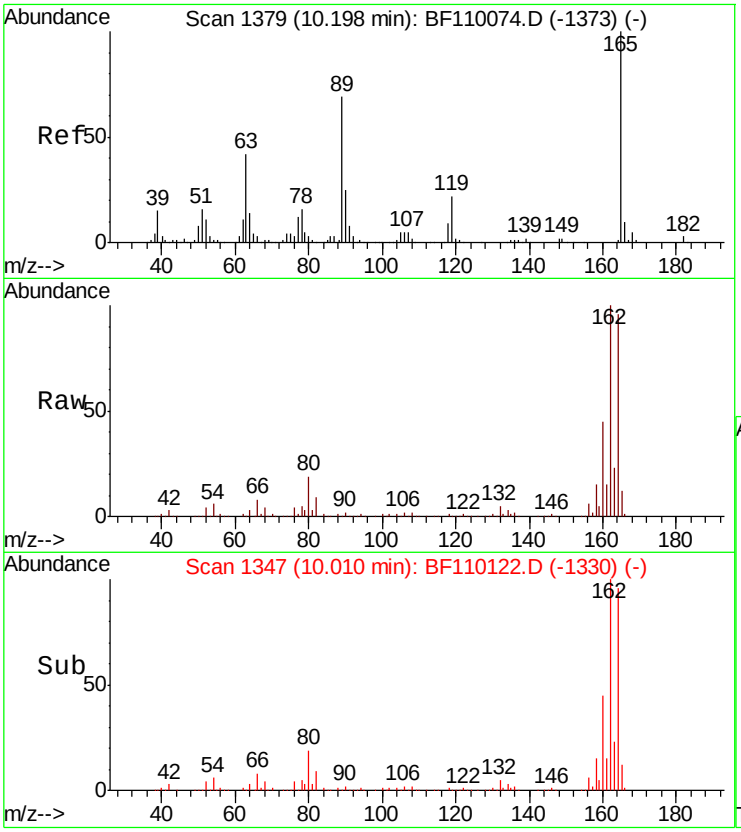


#51
2,6-Dinitrotoluene
Concen: 8.009 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:165 Resp: 33672

Ion	Ratio	Lower	Upper
165	100		
63	1.2	48.9	73.3#
89	1.5	46.6	69.8#



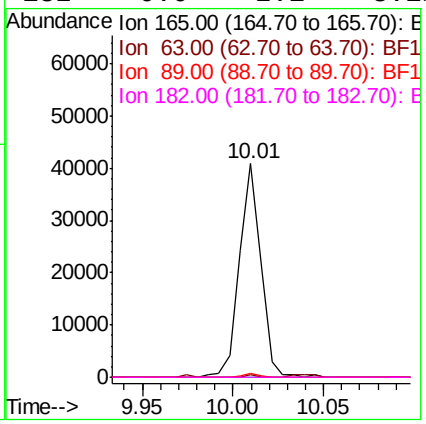


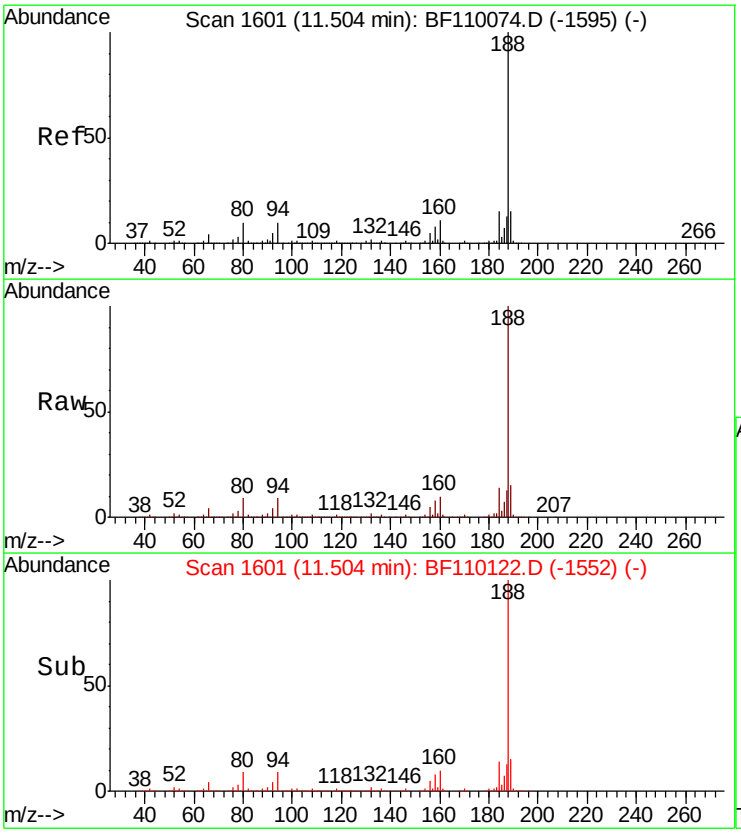
#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33672

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

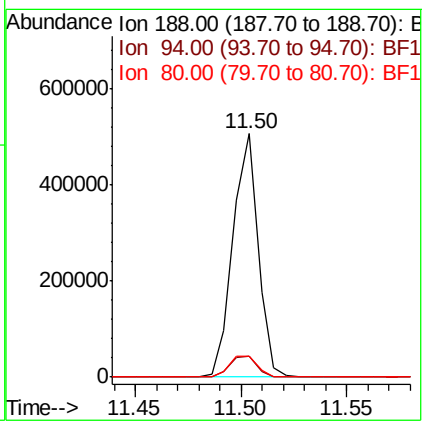


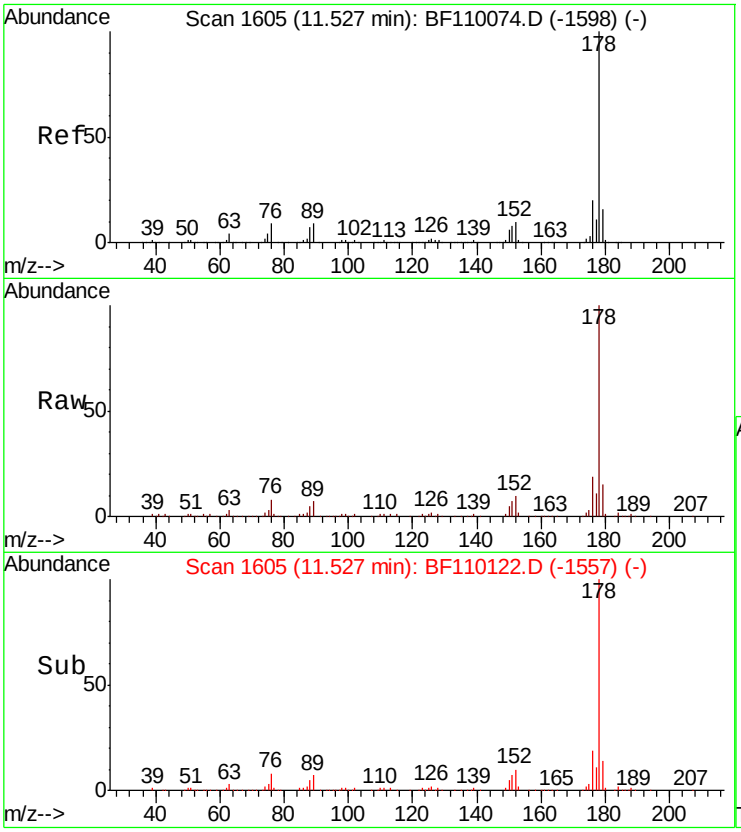


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:188 Resp: 418067

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.7	7.9	11.9



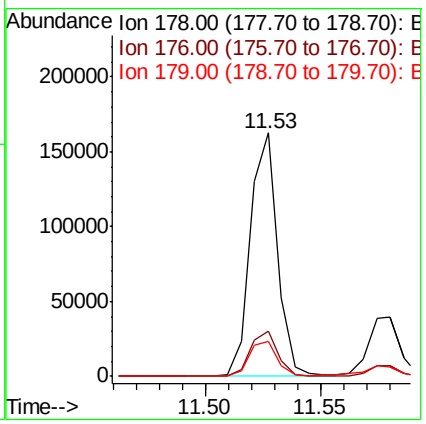


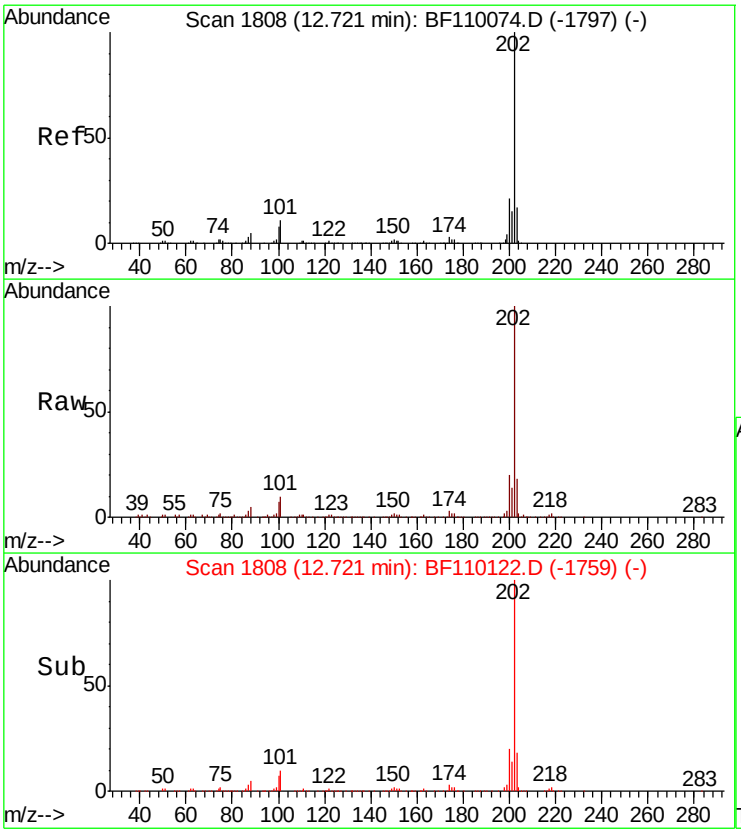
#71
Phenanthrene
Concen: 6.136 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 134235

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	14.5	12.5	18.7

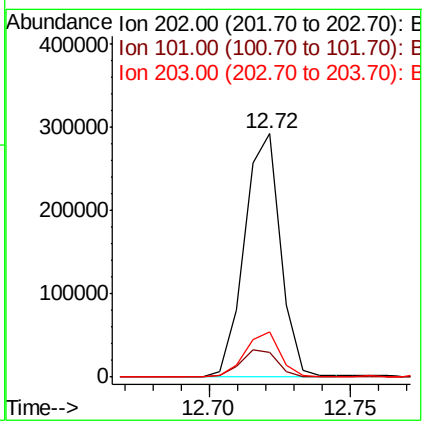


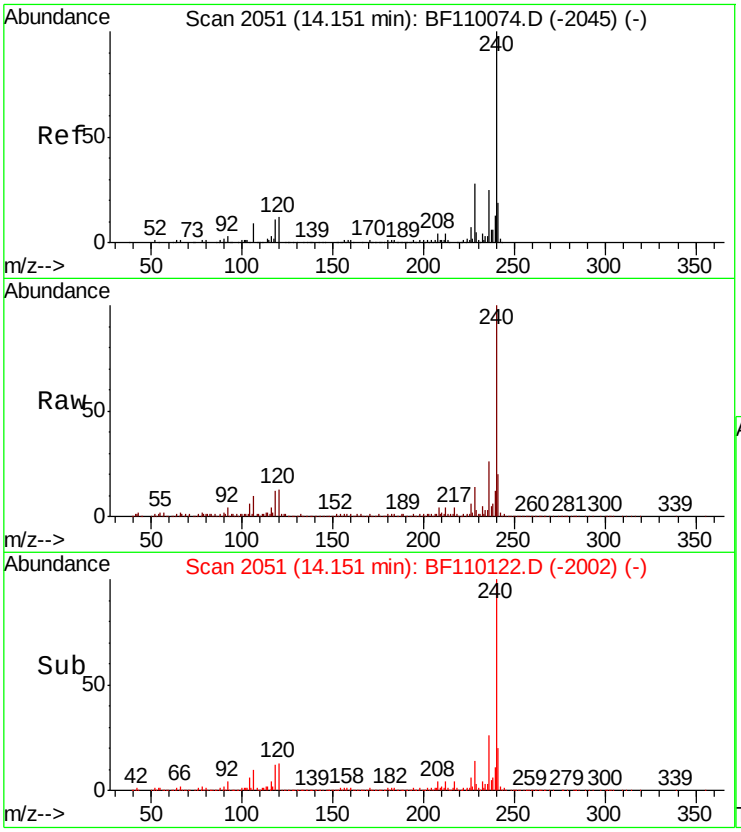


#75
Fluoranthene
Concen: 11.605 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:202 Resp: 257650

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.4
203	18.4	0.0	37.7



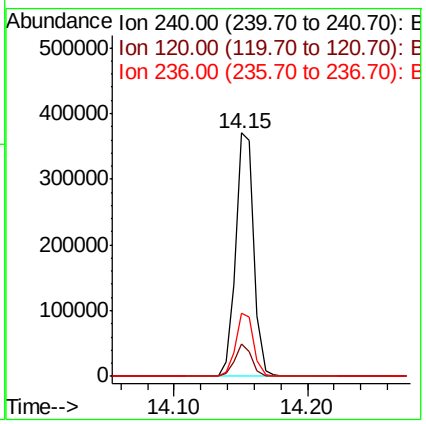


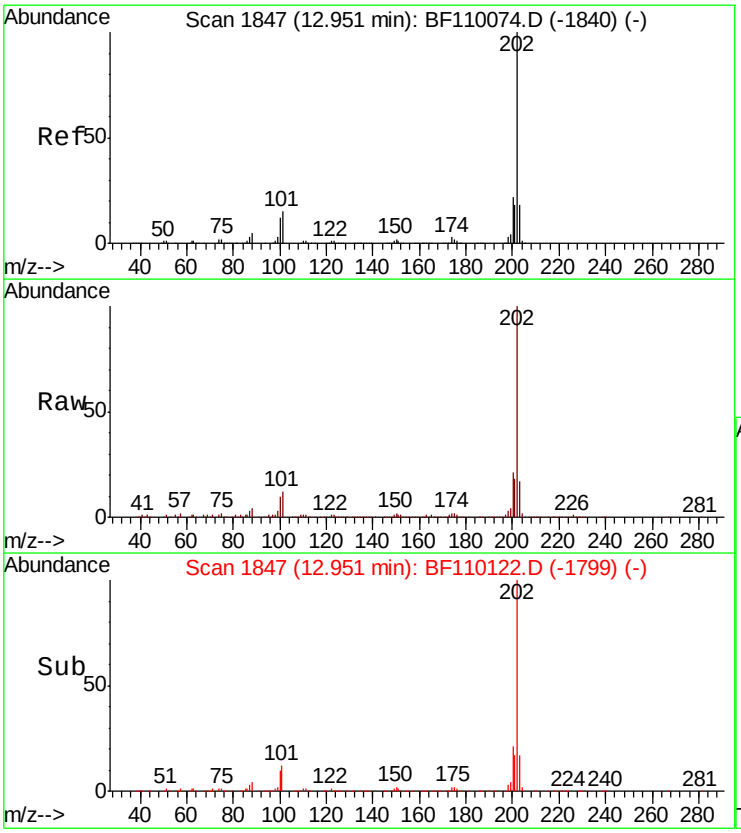
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 351624

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.8	21.2	31.8

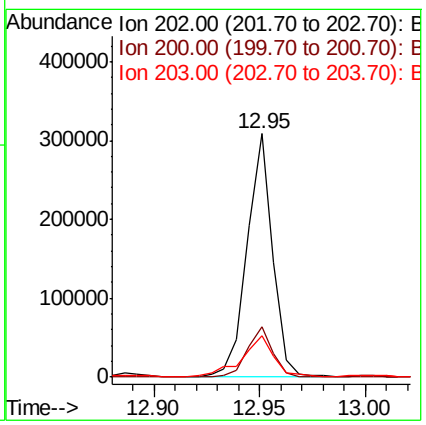


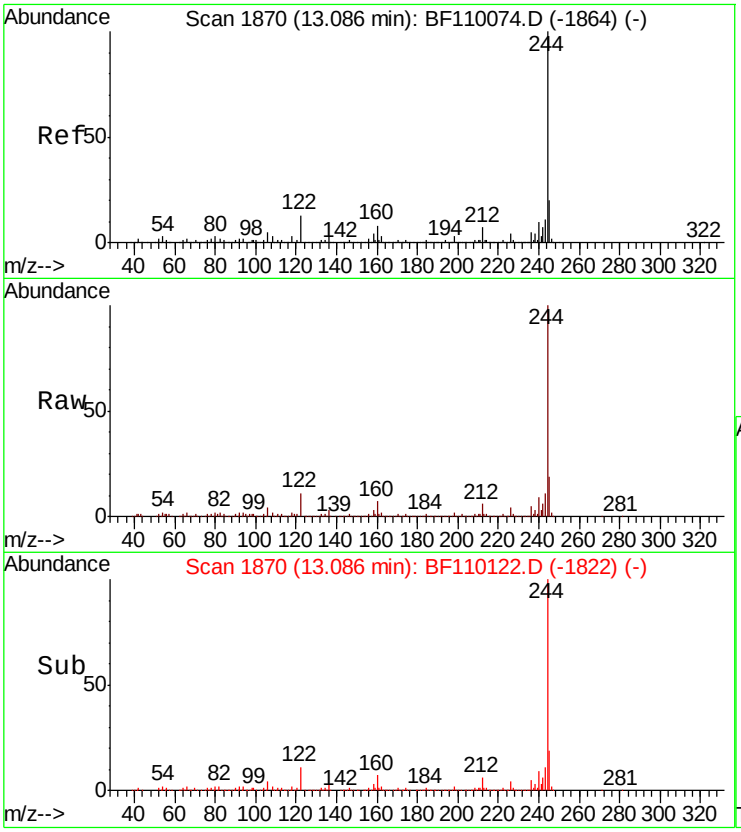


#78
Pyrene
Concen: 10.258 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:202 Resp: 258597

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.8	26.6
203	16.9	14.2	21.4



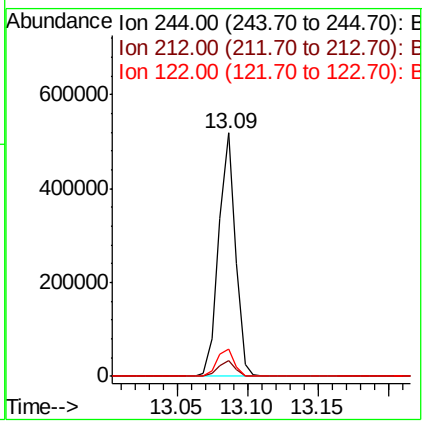


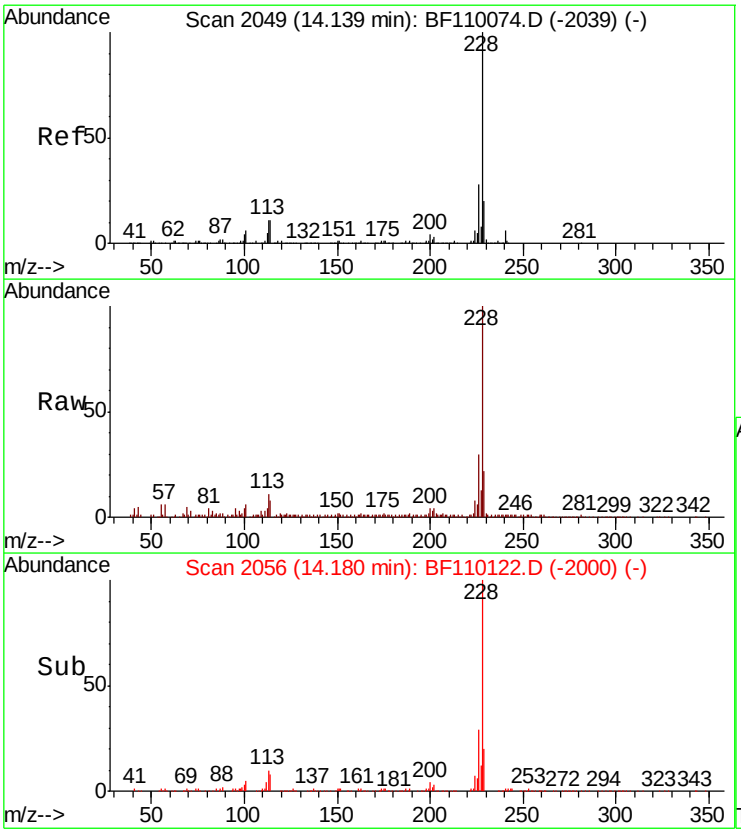
#79
Terphenyl-d14
Concen: 25.305 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 427834

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.1	8.7	13.1

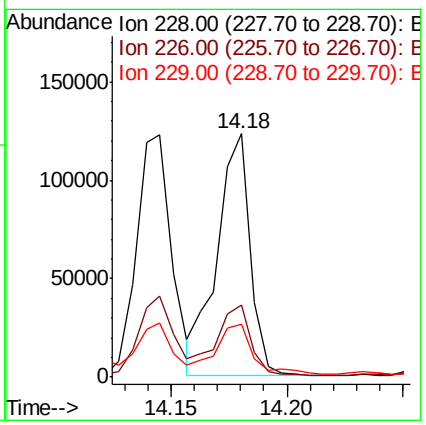


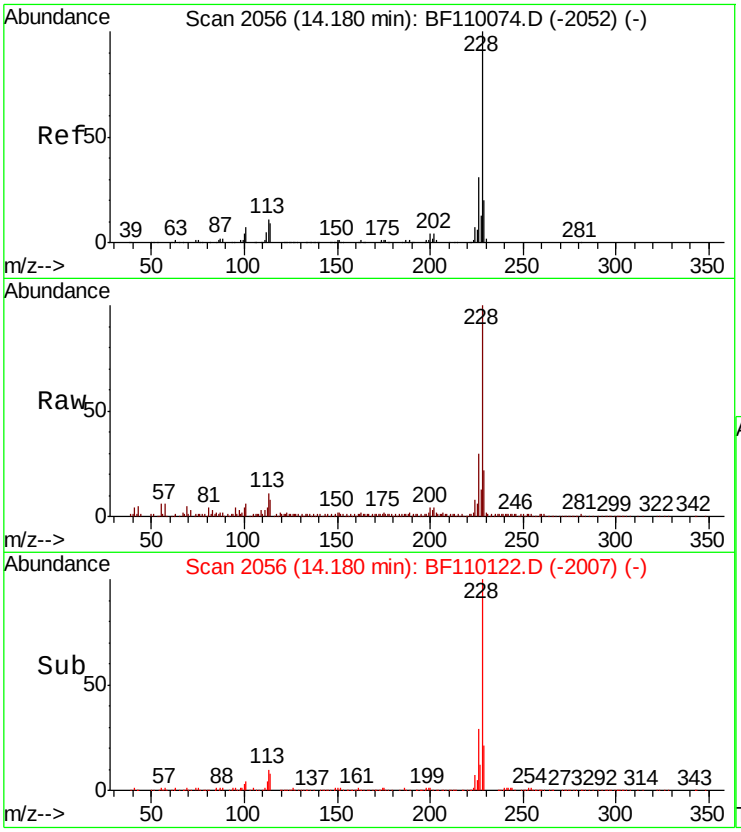


#81
Benzo(a)anthracene
Concen: 5.910 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.03 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:228 Resp: 123228

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.1	33.1
229	21.5	15.6	23.4



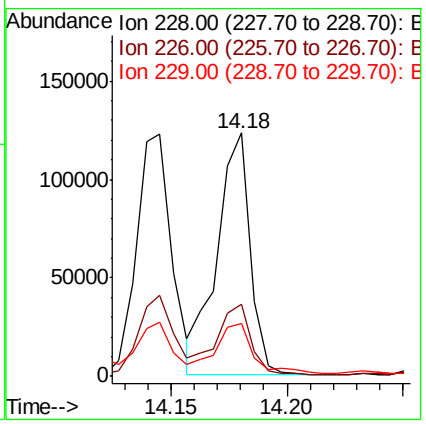


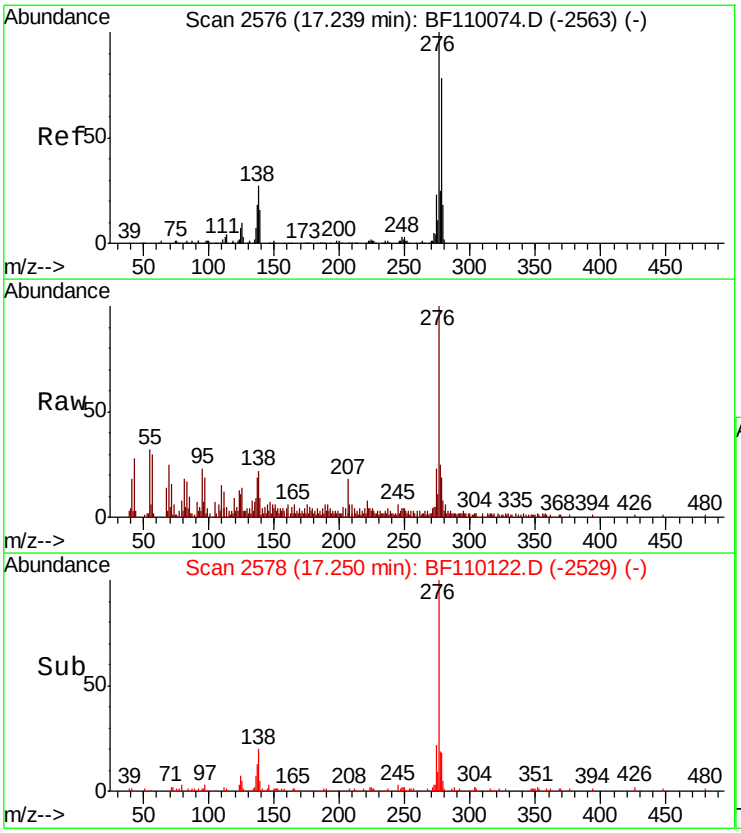
#83
Chrysene
Concen: 6.222 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 123228

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	21.5	15.9	23.9

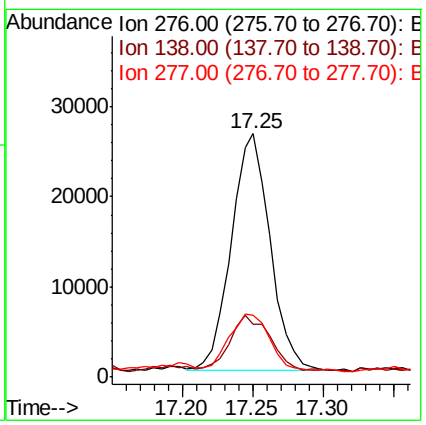


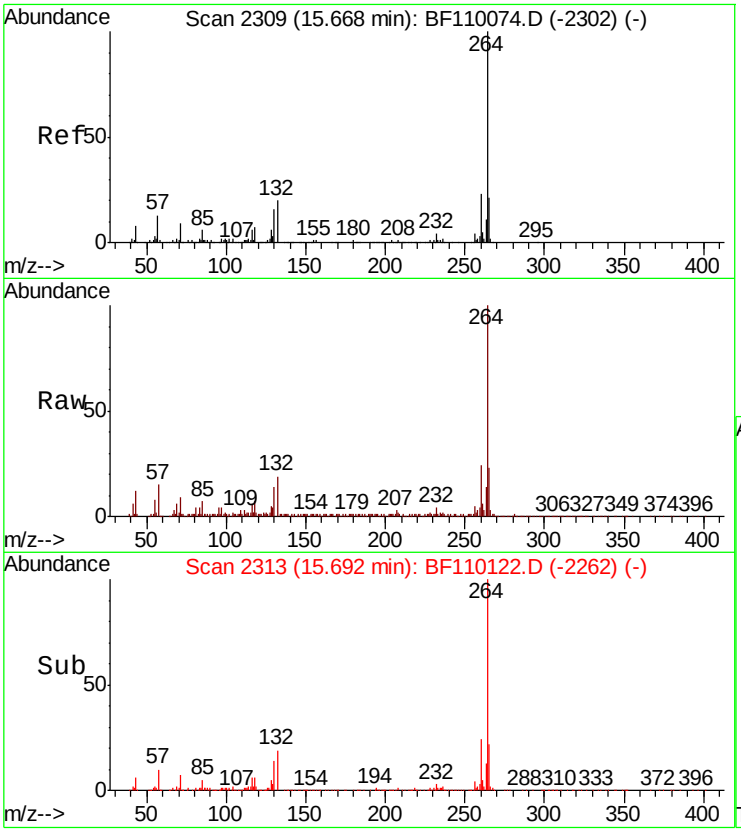


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.041 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:276 Resp: 49961

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	25.4	20.0	30.0



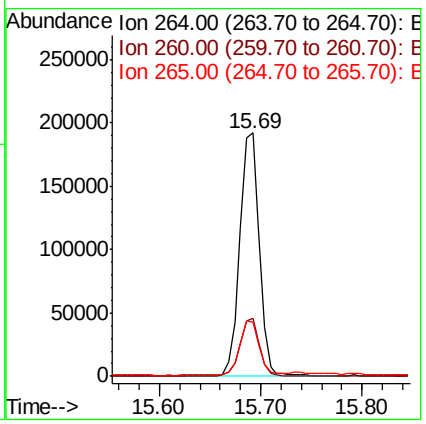


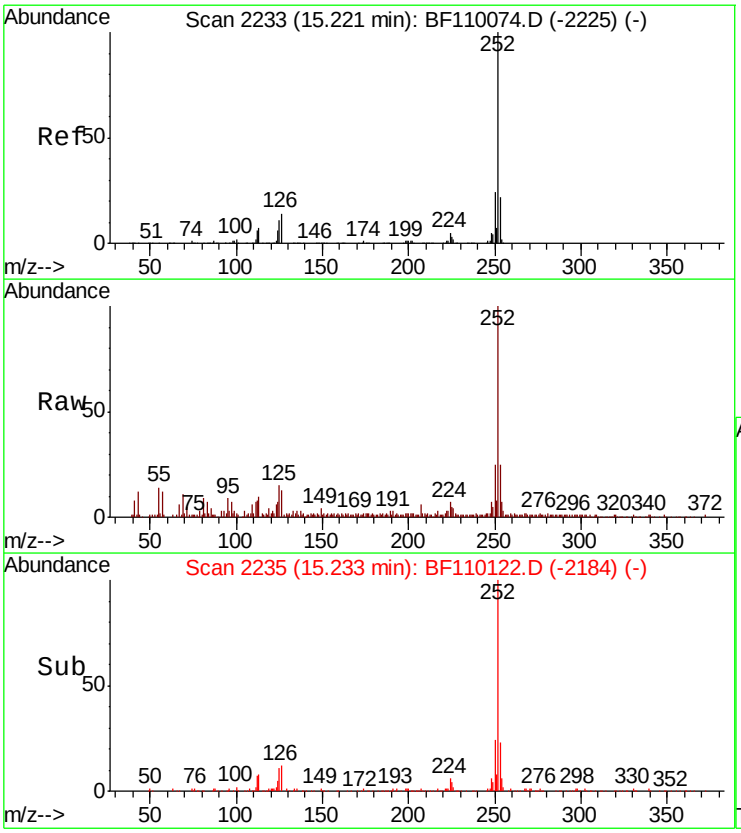
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255838

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.5	16.7	25.1

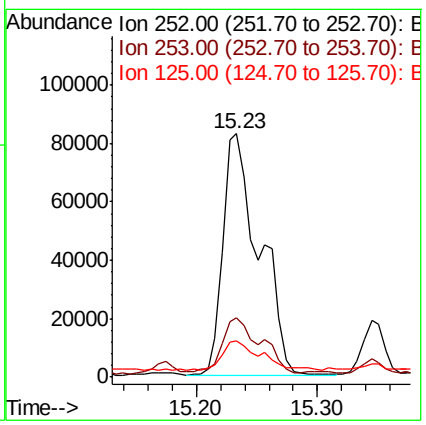


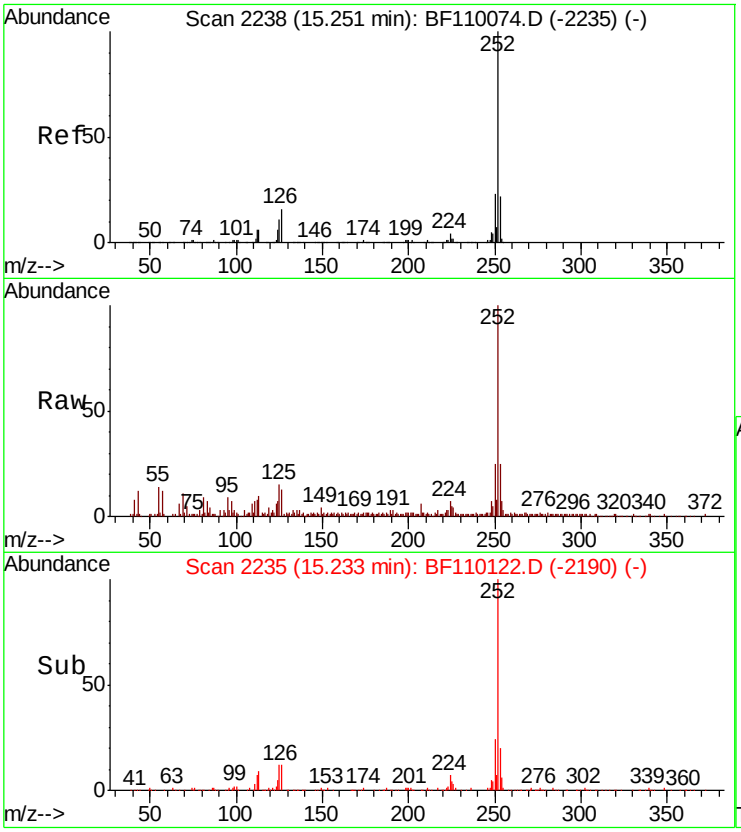


#88
Benzo(b)fluoranthene
Concen: 11.686 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:252 Resp: 172642

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	15.1	8.2	12.4#



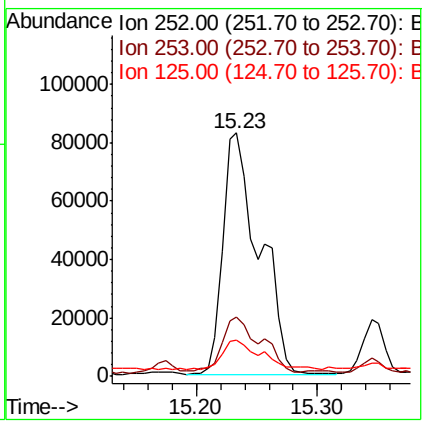


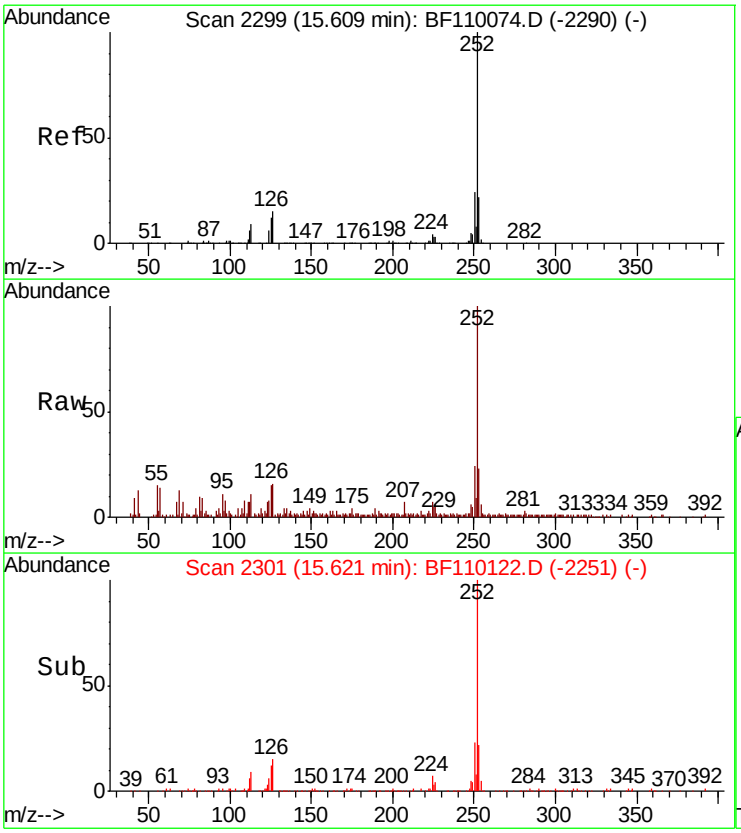
#89
Benzo(k)fluoranthene
Concen: 11.887 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.04 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 172642

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	15.1	7.4	11.0#

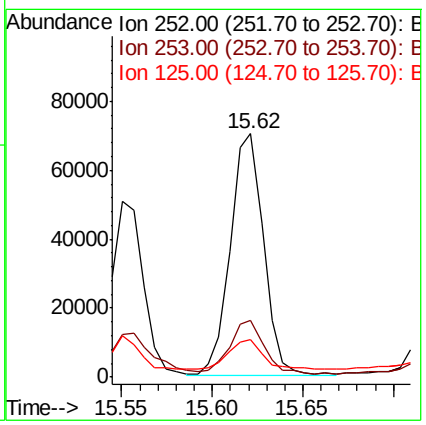


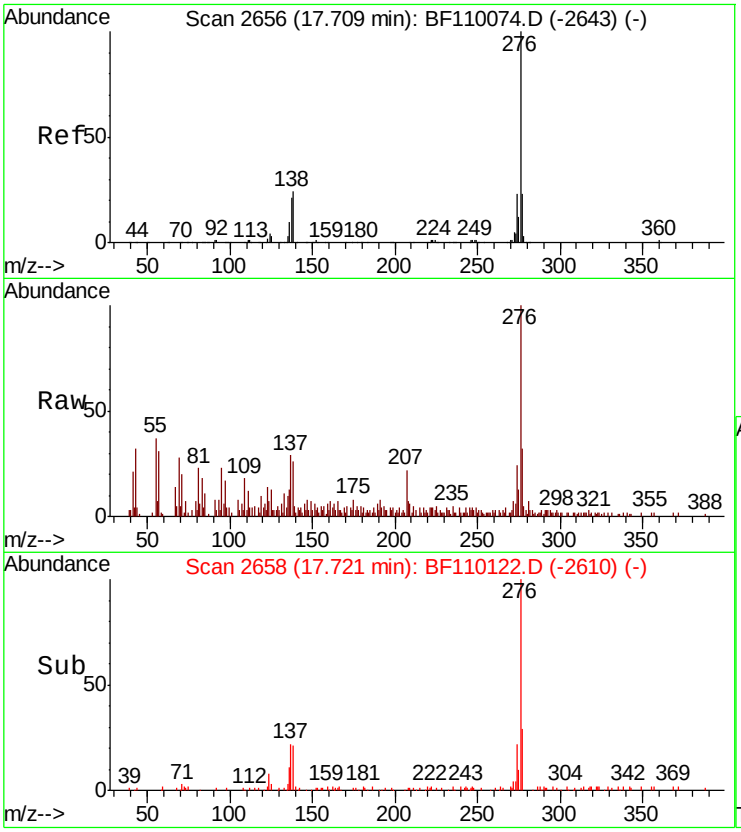


#90
Benzo(a)pyrene
Concen: 6.563 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Tgt Ion:252 Resp: 89219

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	15.3	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.251 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110122.D
Acq: 24 Oct 2018 18:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49139

Ion	Ratio	Lower	Upper
276	100		
277	32.0	18.8	28.2#
138	26.2	16.0	24.0#