Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110279.D
Acq On : 29 Oct 2018 23:06
Operator : JU/SJ
Sample : J5685-08 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 08:05:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108284	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	430767	20.00	ng		0.00
39) Acenaphthene-d10	10.01	164	176534	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	269892	20.00	ng		0.00
76) Chrysene-d12	14.16	240	201455	20.00	ng		0.00
87) Perylene-d12	15.69	264	147149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	149277	22.45	ng		0.00
7) Phenol-d6	6.58	99	186730	21.95	ng		-0.01
23) Nitrobenzene-d5	7.53	82	108156	14.89	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	29891	17.09	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	221121	19.67	ng		0.00
79) Terphenyl-d14	13.09	244	152901	15.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	233	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.53	70	14237	2.609	ng	#	81
25) Isophorone	7.53	82	108173	8.738	ng	#	67
50) Dimethylphthalate	9.72	163	35277	2.707	ng		97
51) 2,6-Dinitrotoluene	10.01	165	21941	7.817	ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	21941	6.154	ng	#	19
71) Phenanthrene	11.53	178	121350	8.593	ng		98
75) Fluoranthene	12.72	202	275034	19.190	ng		99
77) Benzidine	13.09	184	2149	Below Cal			97
78) Pyrene	12.96	202	234895	16.264	ng		98
81) Benzo(a)anthracene	14.14	228	118561	9.924	ng		99
83) Chrysene	14.18	228	125387	11.050	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	42469	5.012	ng		96
86) Indeno(1,2,3-cd)pyrene	17.25	276	55057	5.849	ng		97
88) Benzo(b)fluoranthene	15.23	252	184827	21.751	ng		98
89) Benzo(k)fluoranthene	15.23	252	184827	22.125	ng	#	97
90) Benzo(a)pyrene	15.62	252	88721	11.347	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	13574	2.012	ng	#	88
92) Benzo(g,h,i)perylene	17.73	276	56450	8.491	ng		96

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

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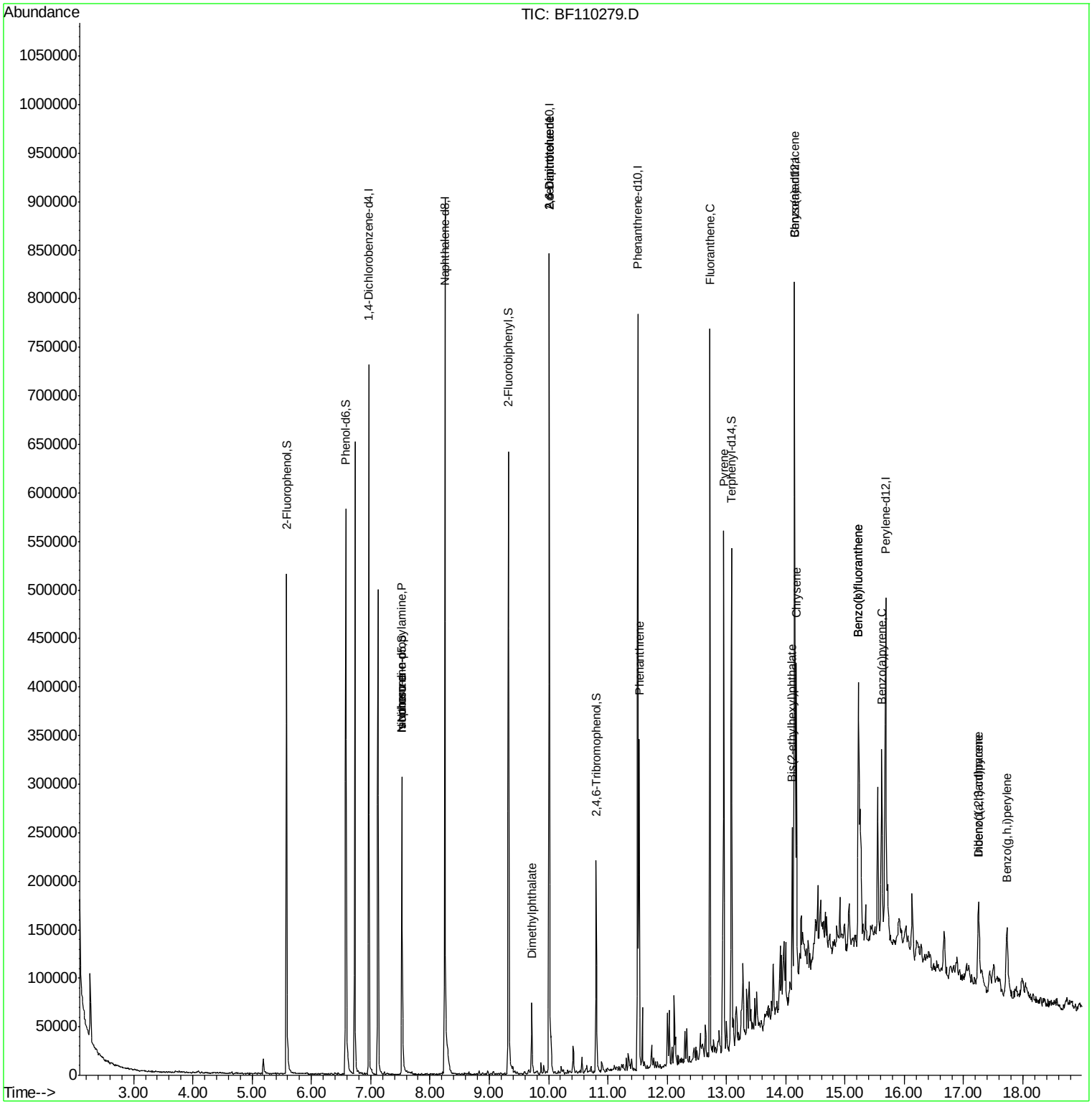
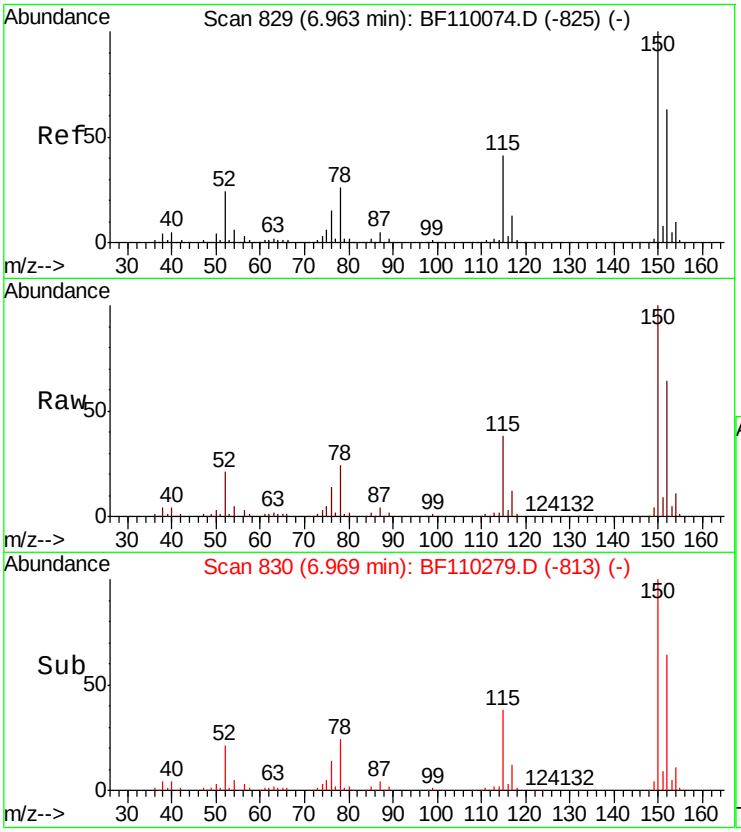


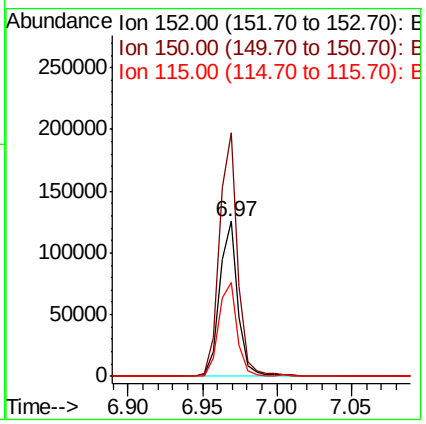


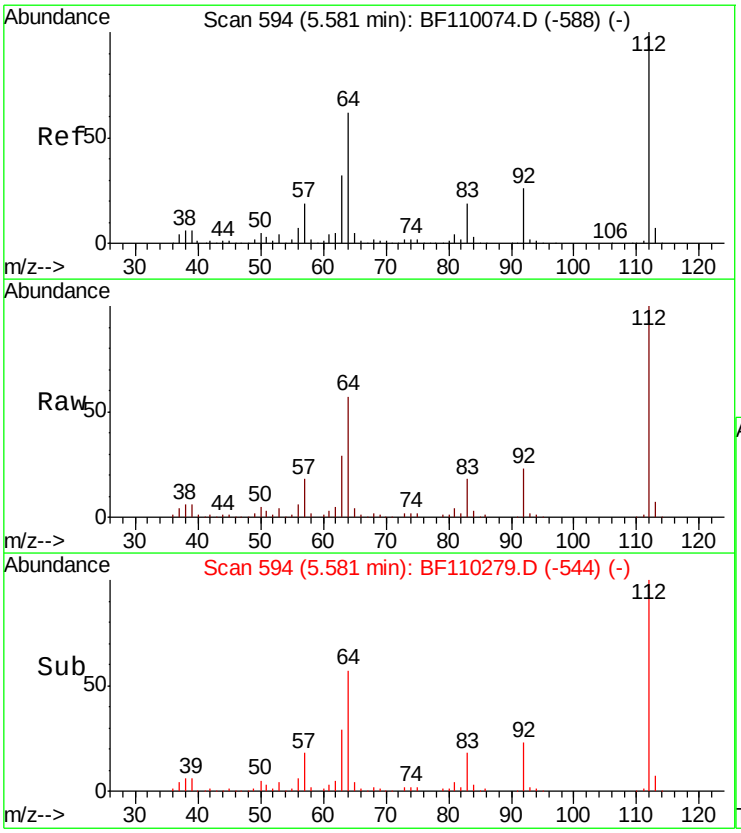
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108284

Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	60.3	49.1	73.7

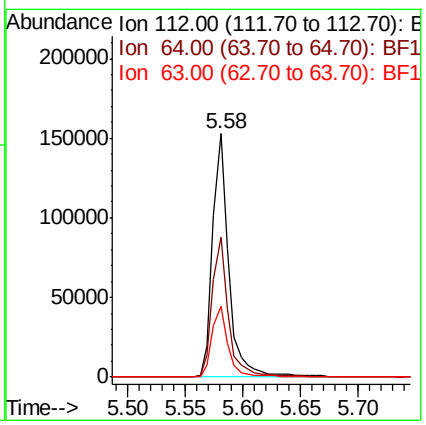


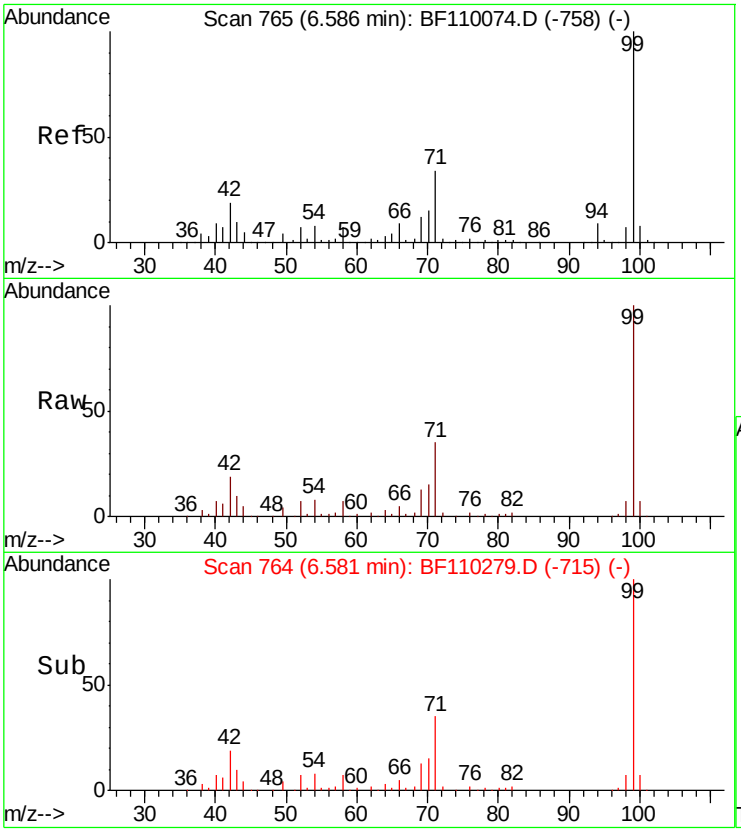


#5
2-Fluorophenol
Concen: 22.449 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:112 Resp: 149277

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	29.1	23.7	35.5



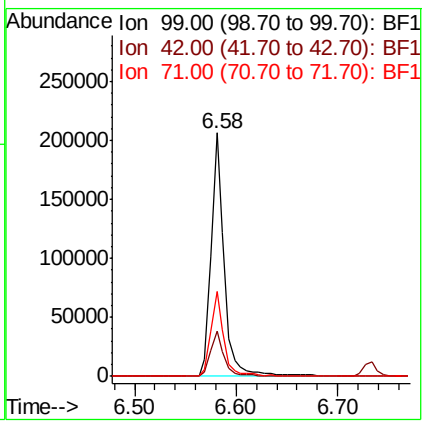


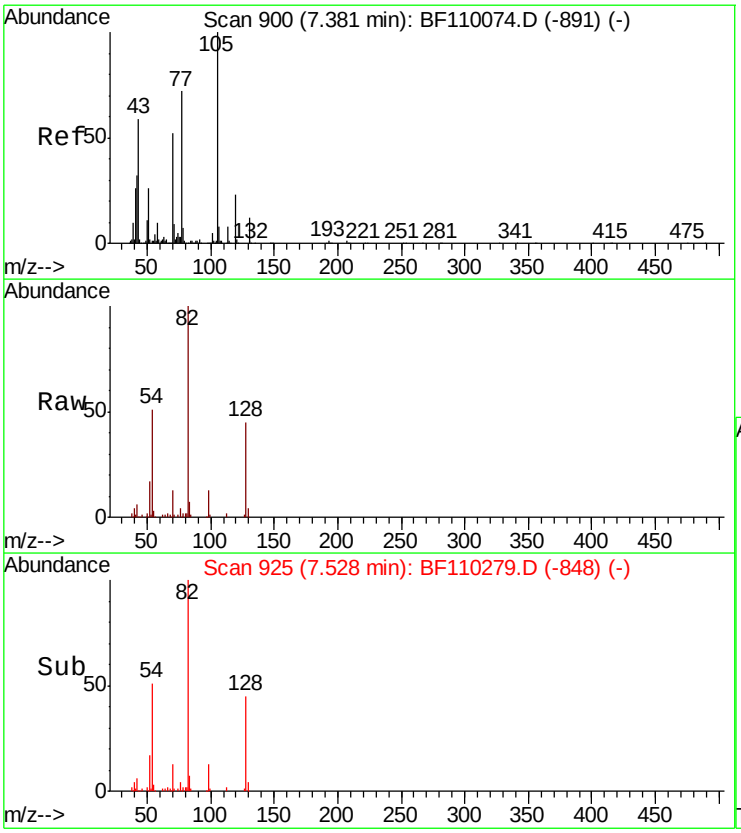
#7
Phenol-d6
Concen: 21.955 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 186730

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	34.8	28.0	42.0

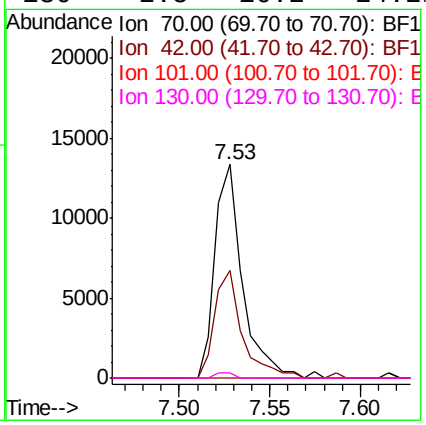


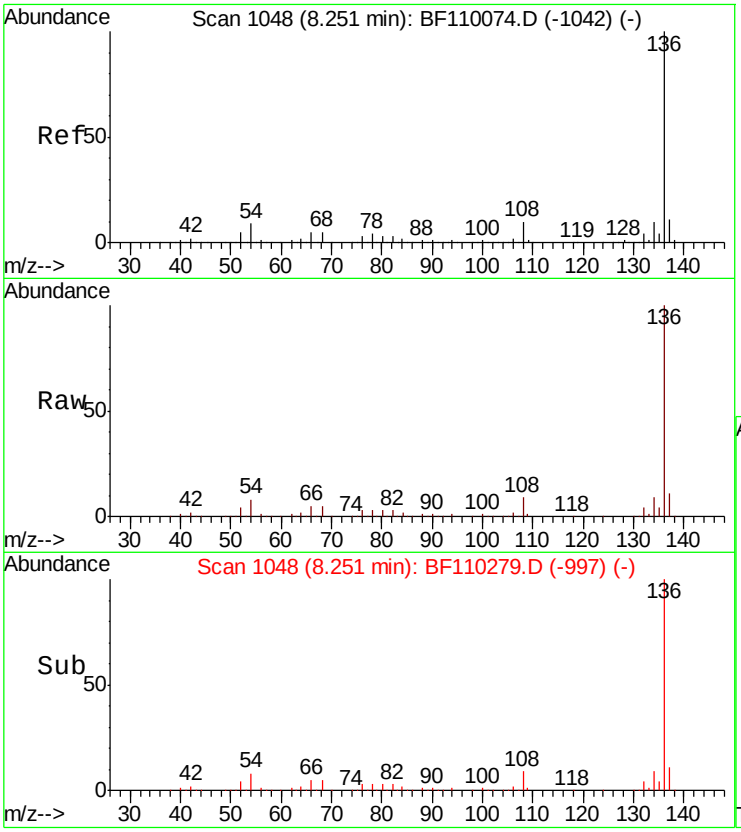


#19
n-Nitroso-di-n-propylamine
Concen: 2.609 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion: 70 Resp: 14237

Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



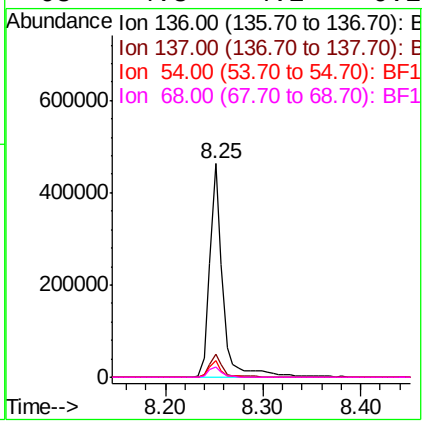


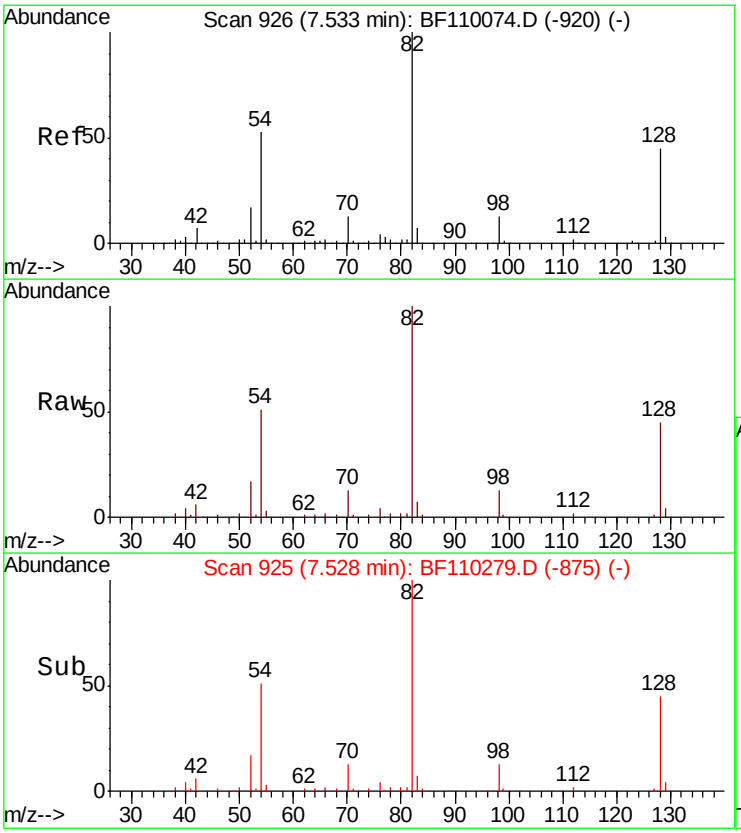
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 430767

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.6	5.4	8.2
68	4.8	4.2	6.2

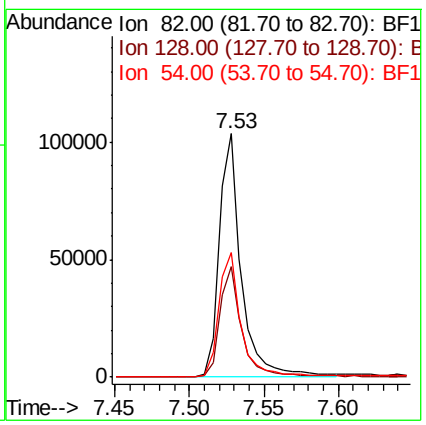


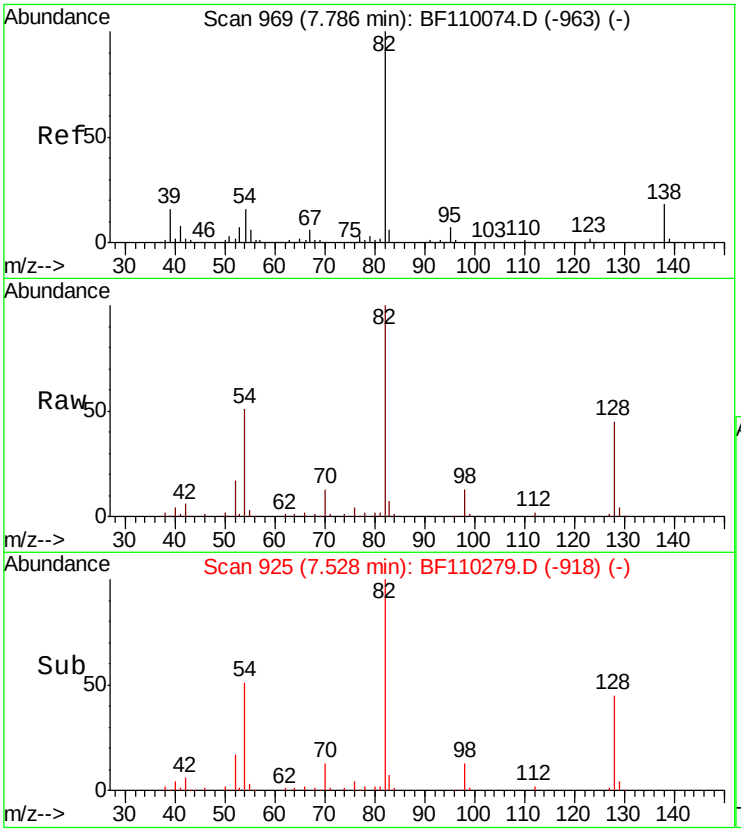


#23
Nitrobenzene-d5
Concen: 14.892 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion: 82 Resp: 108156

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	51.4	38.6	58.0



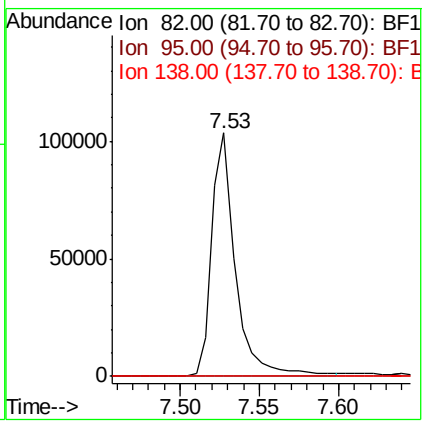


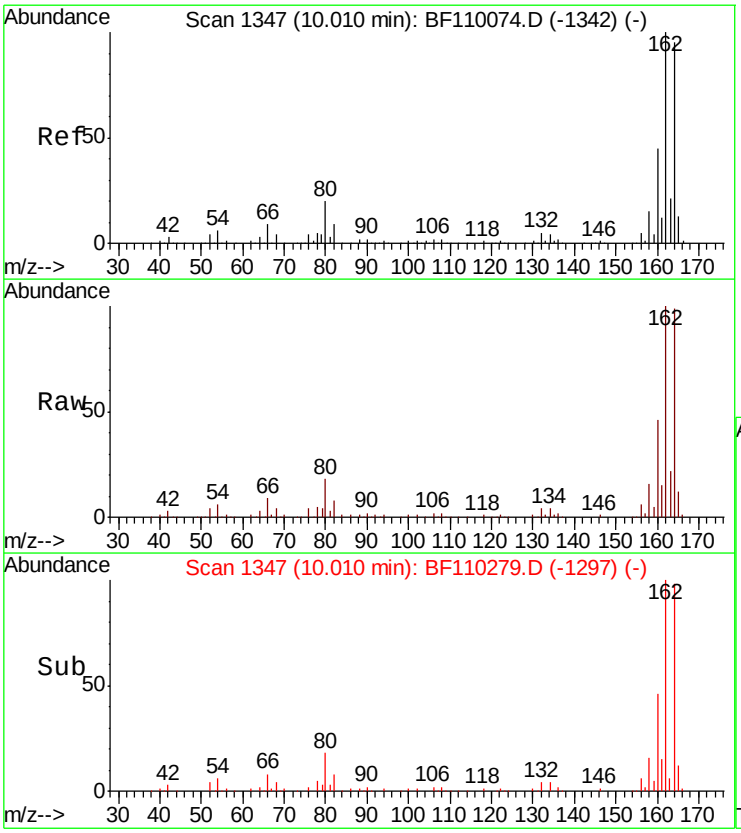
#25
Isophorone
Concen: 8.738 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 108173

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

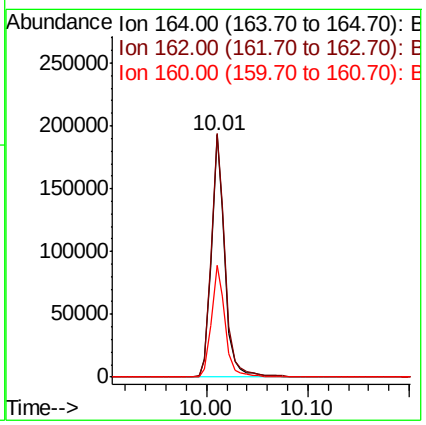


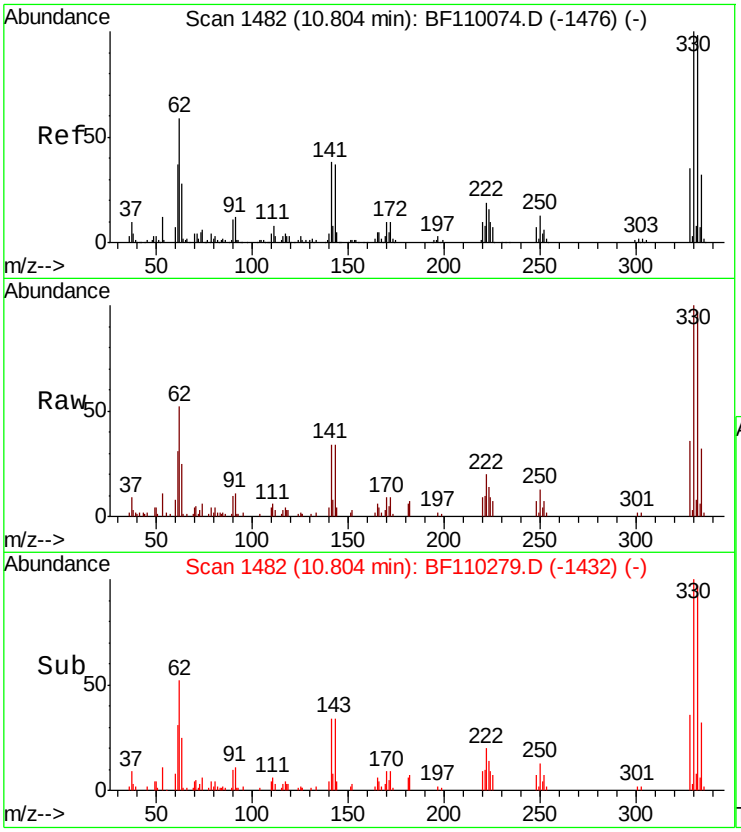


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:164 Resp: 176534

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.0	124.6
160	46.1	37.0	55.6



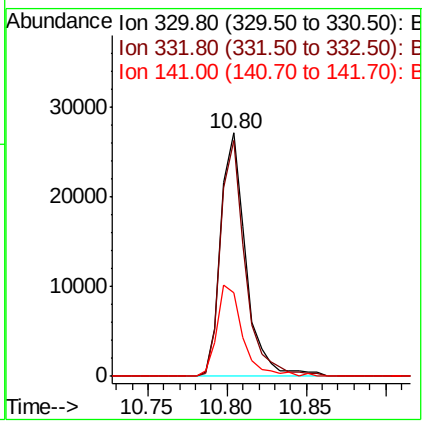


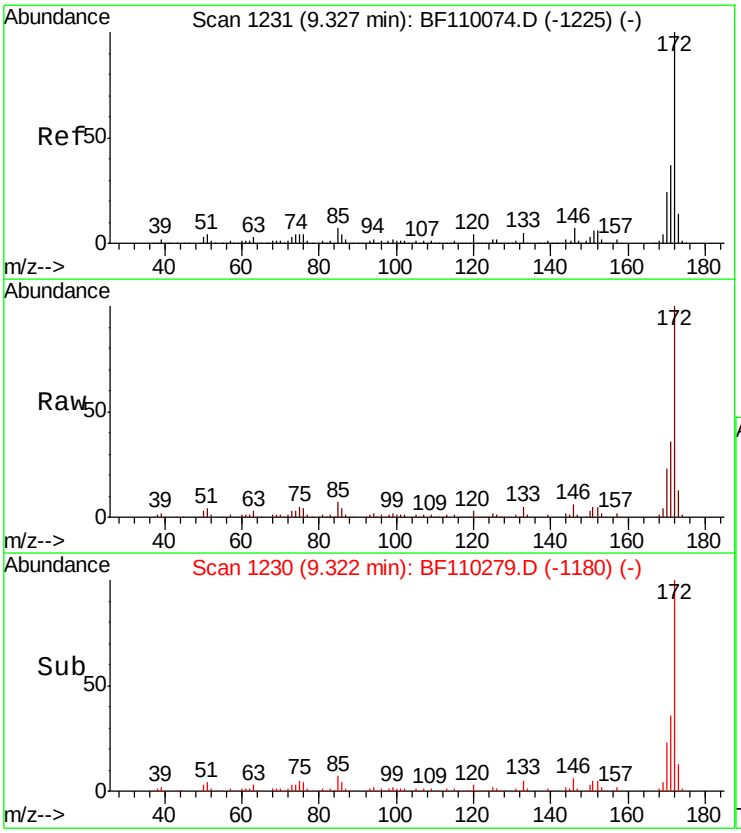
#42
2,4,6-Tribromophenol
Concen: 17.093 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 29891

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.1	115.7
141	38.3	27.0	40.4

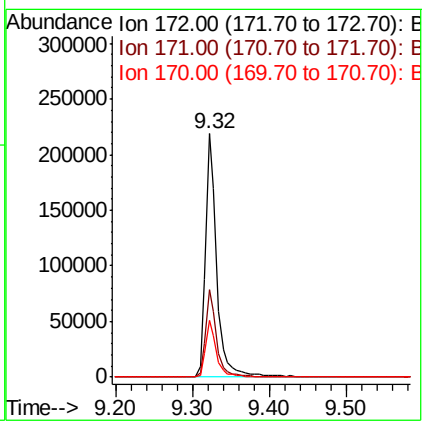


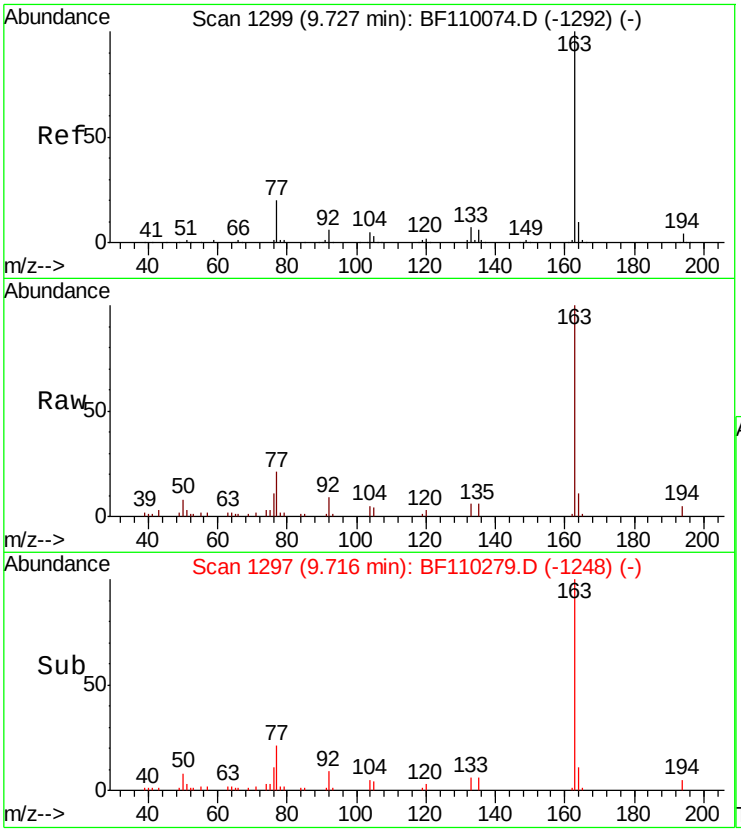


#45
2-Fluorobiphenyl
Concen: 19.669 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:172 Resp: 221121

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.4	19.7	29.5



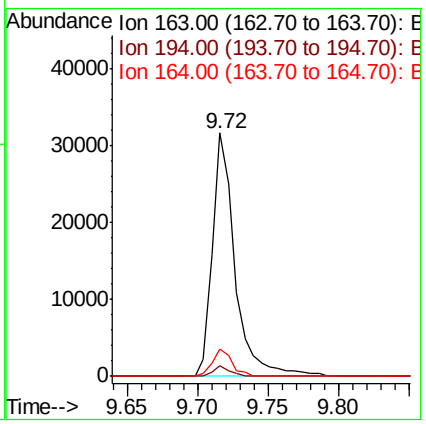


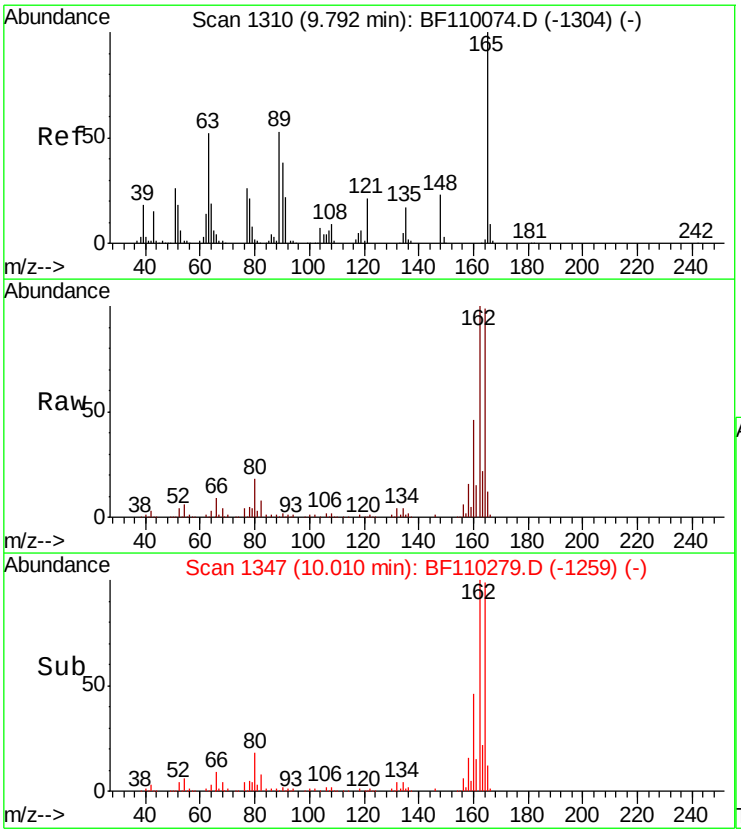
#50
Dimethylphthalate
Concen: 2.707 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 35277

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	11.4	8.1	12.1

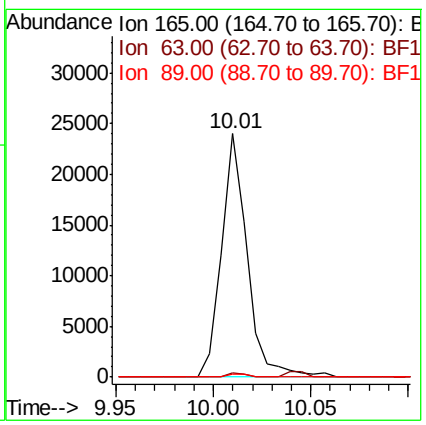


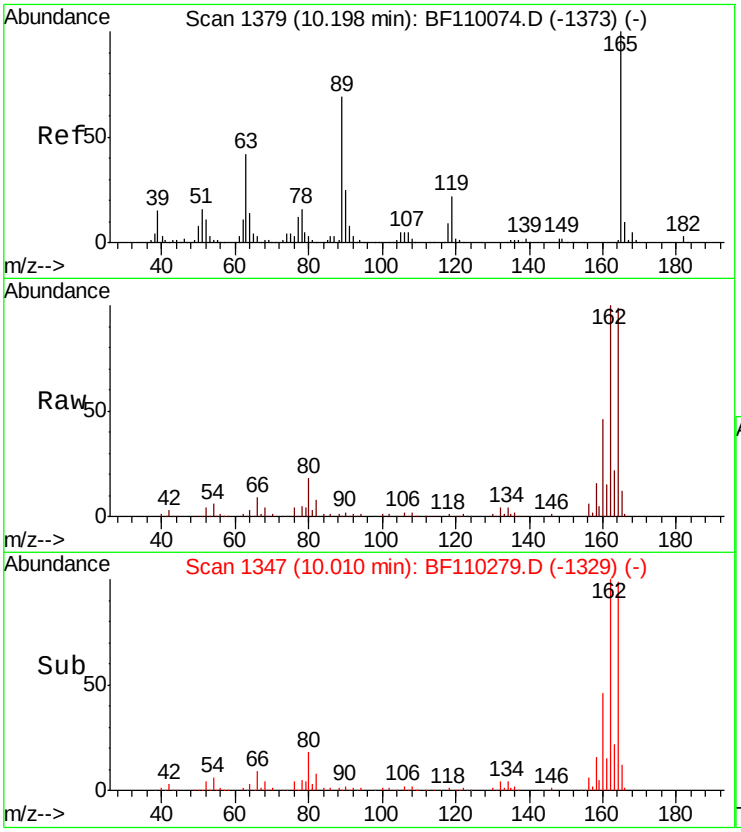


#51
2,6-Dinitrotoluene
Concen: 7.817 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:165 Resp: 21941

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.9	73.3#
89	1.3	46.6	69.8#



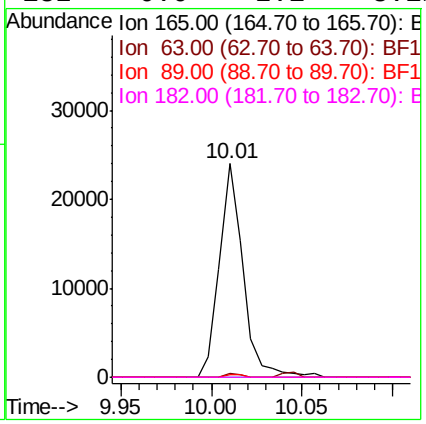


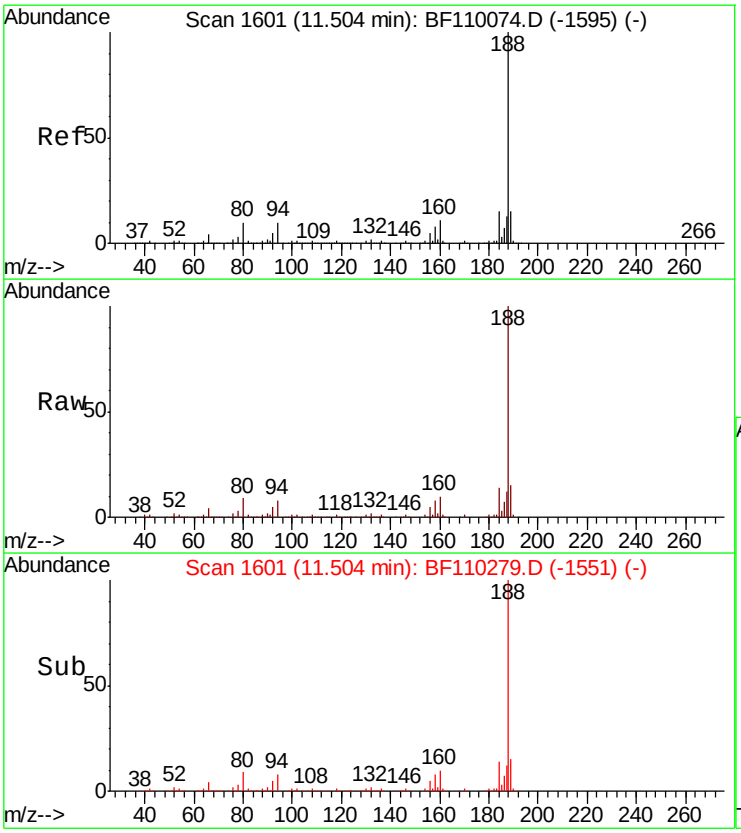
#57
2,4-Dinitrotoluene
Concen: 6.154 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21941

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

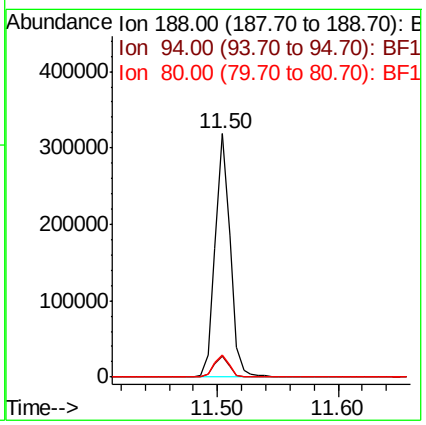


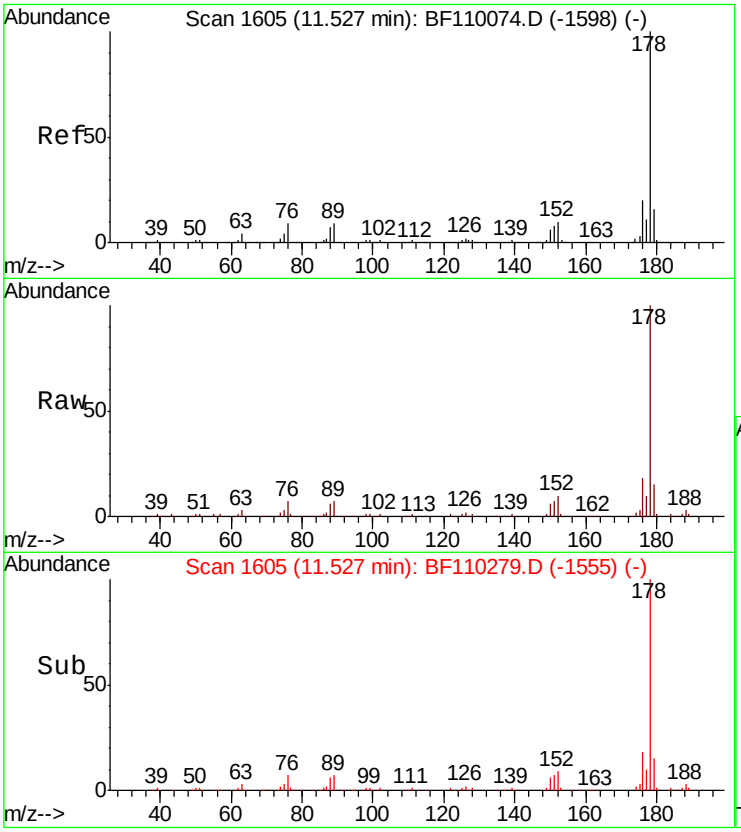


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:188 Resp: 269892

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.0	7.9	11.9



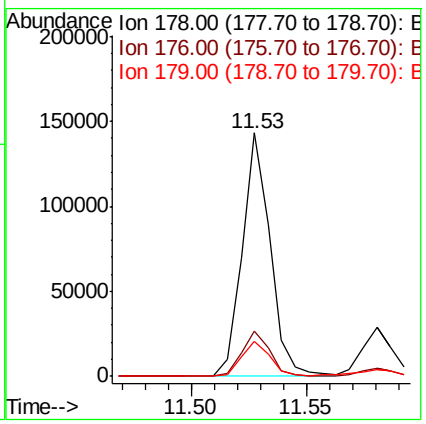


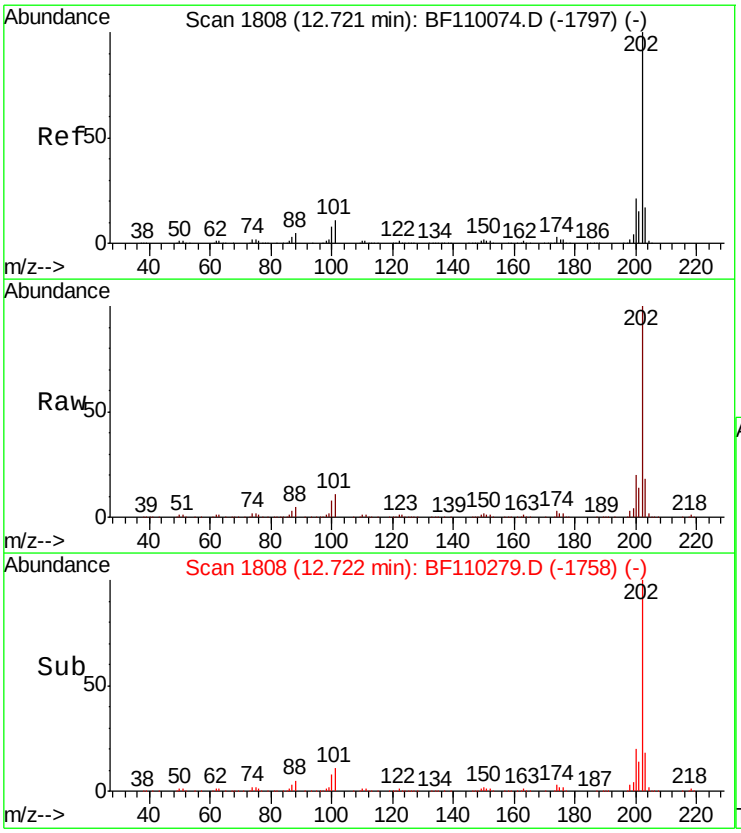
#71
Phenanthrene
Concen: 8.593 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 121350

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.5	12.5	18.7

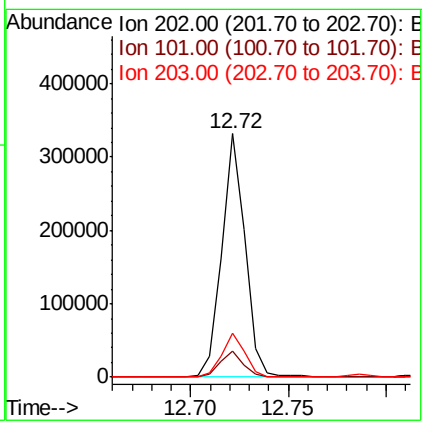


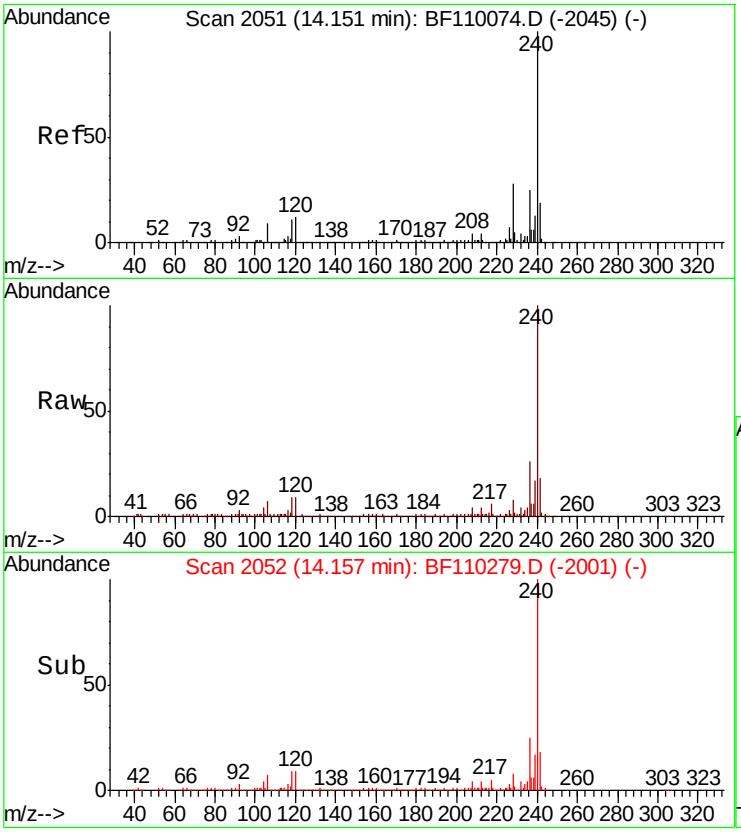


#75
Fluoranthene
Concen: 19.190 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:202 Resp: 275034

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	18.1	0.0	37.7



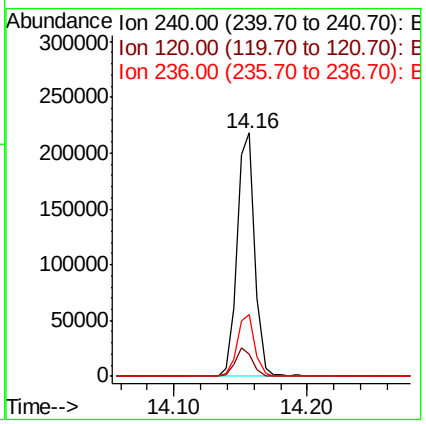


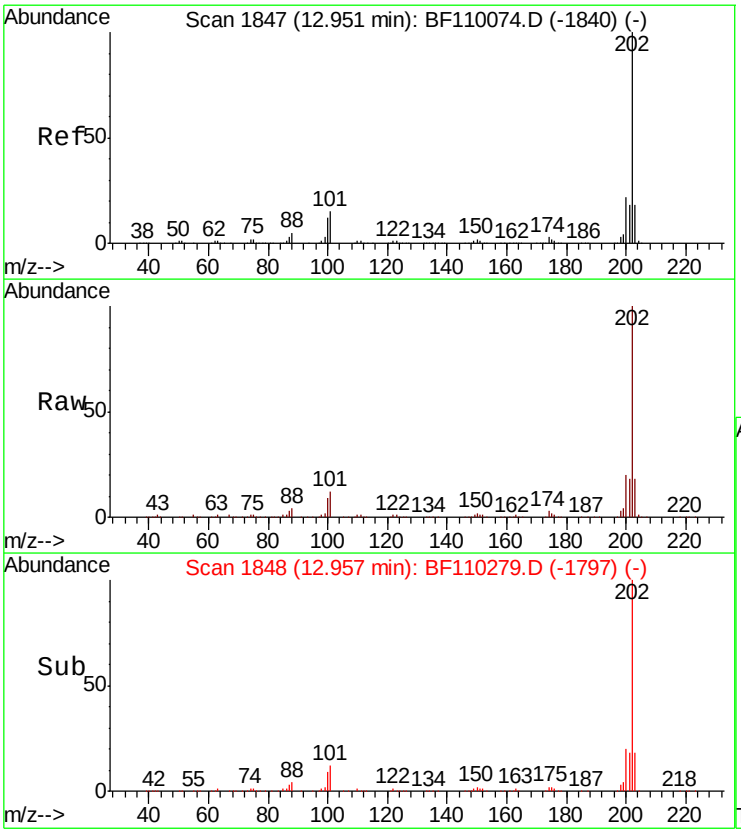
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 201455

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.5	21.2	31.8

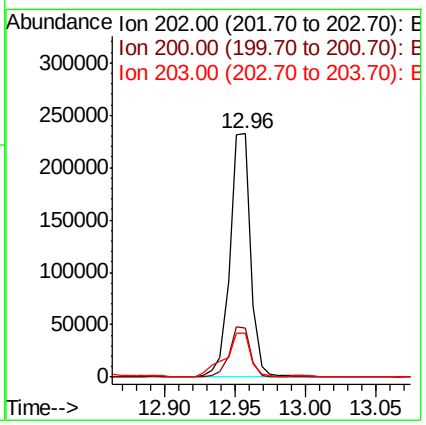


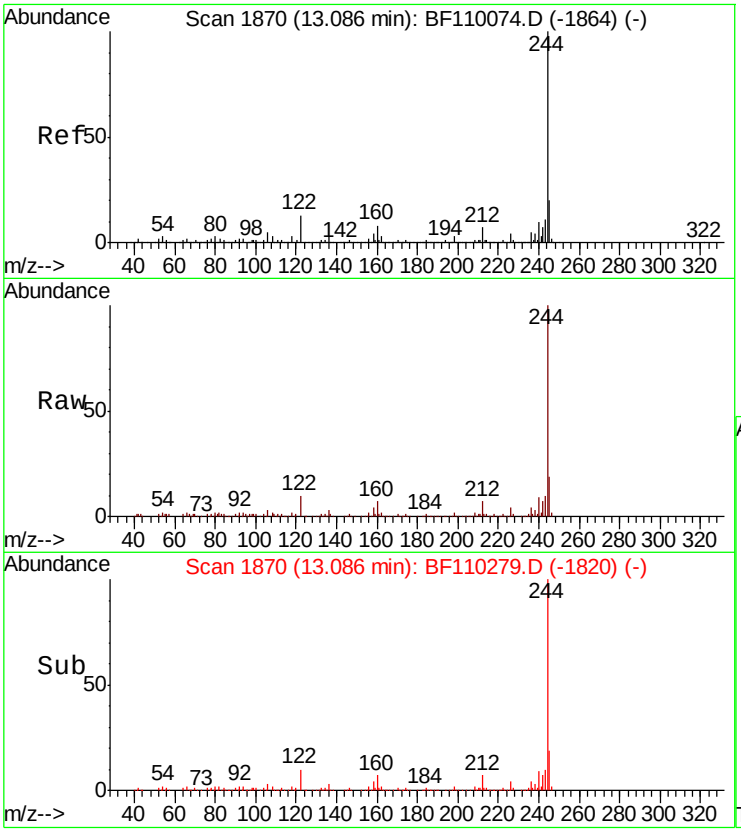


#78
Pyrene
Concen: 16.264 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:202 Resp: 234895

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.9	14.2	21.4



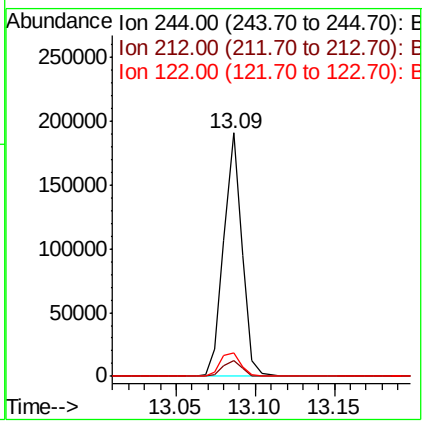


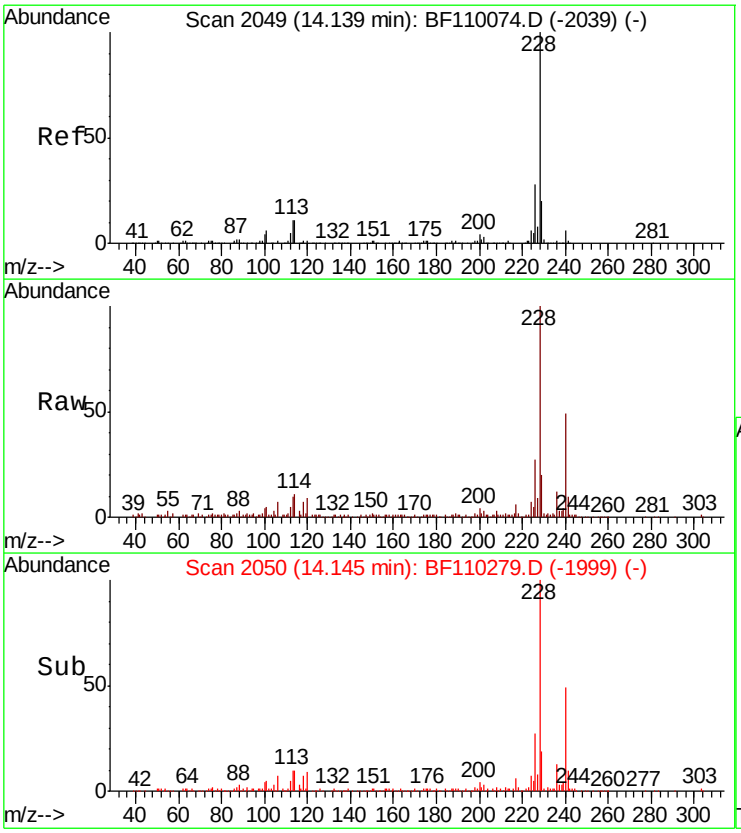
#79
Terphenyl-d14
Concen: 15.785 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 152901

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	9.8	8.7	13.1

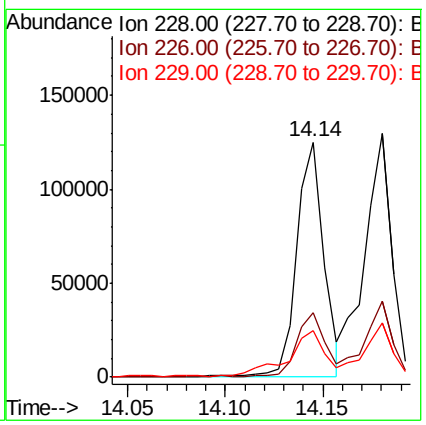


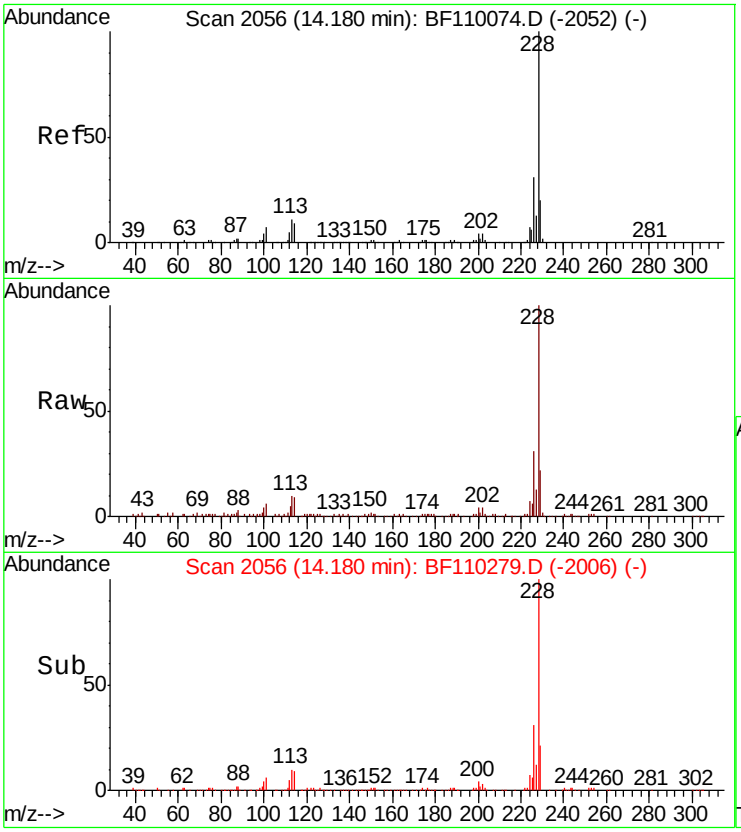


#81
Benzo(a)anthracene
Concen: 9.924 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:228 Resp: 118561

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.0	15.6	23.4



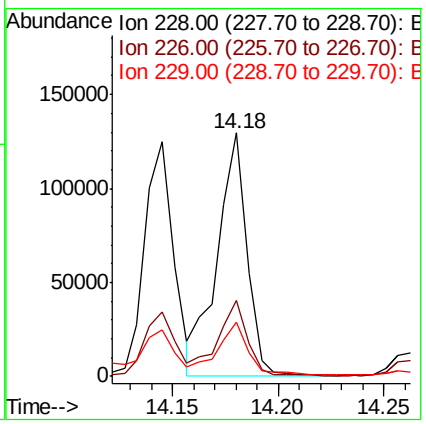


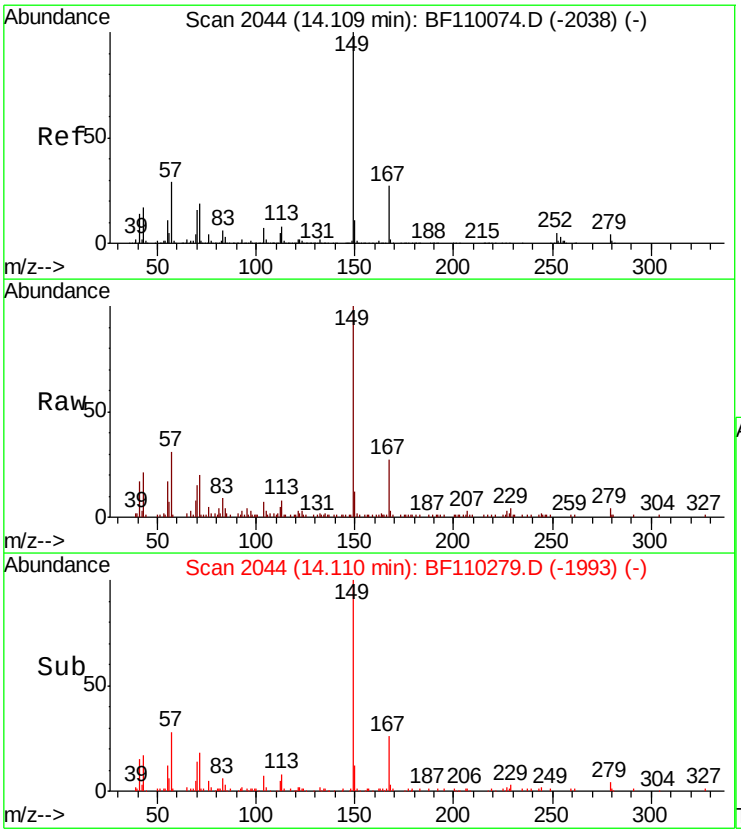
#83
Chrysene
Concen: 11.050 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 125387

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.0	15.9	23.9

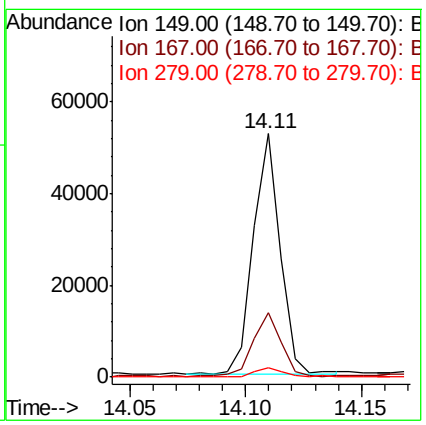


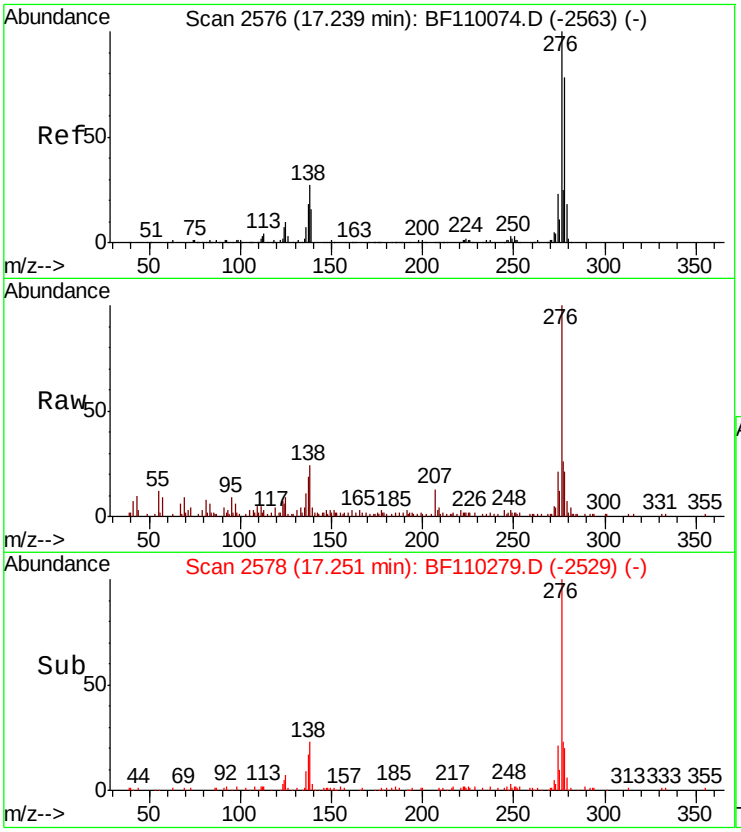


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.012 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:149 Resp: 42469

Ion	Ratio	Lower	Upper
149	100		
167	26.7	19.8	29.8
279	4.0	2.7	4.1



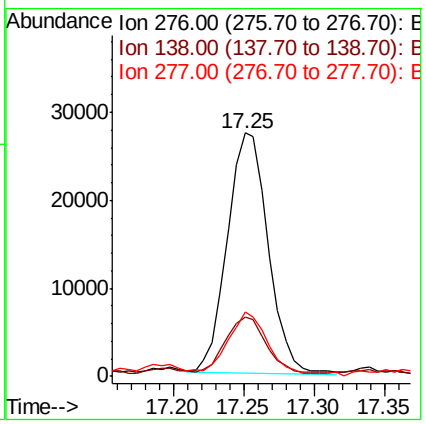


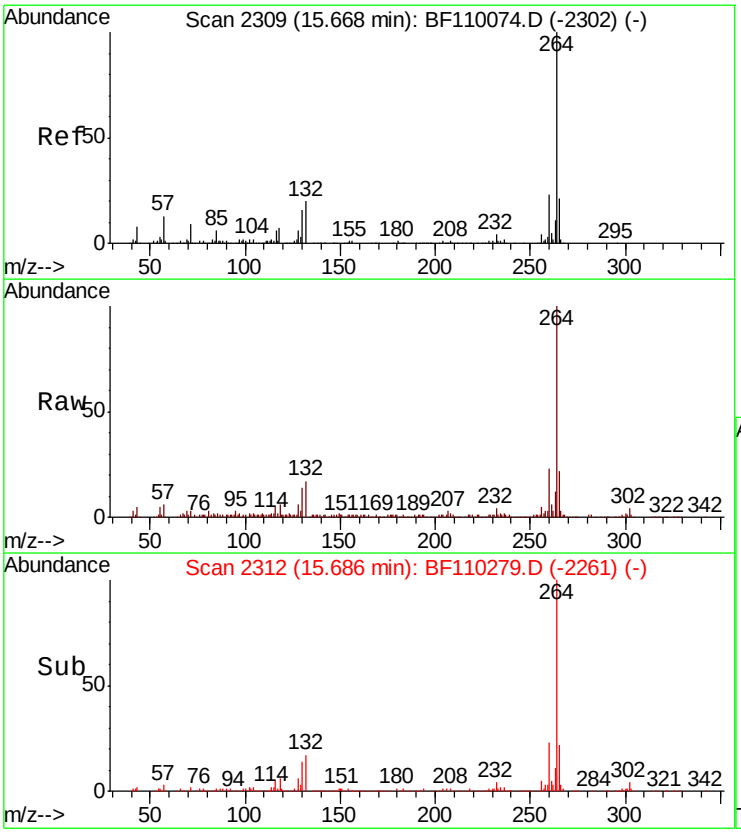
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.849 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 55057

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.5	27.7
277	23.1	20.0	30.0

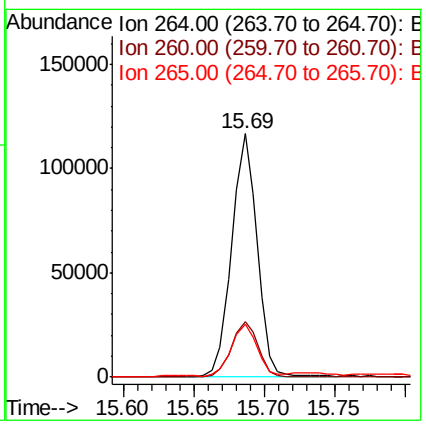


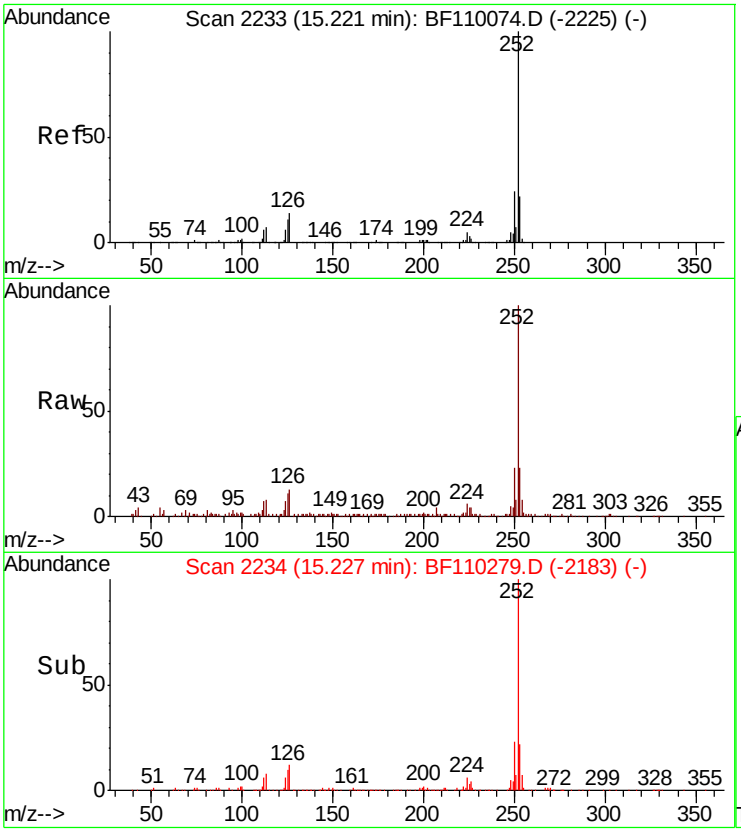


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:264 Resp: 147149

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	22.0	16.7	25.1



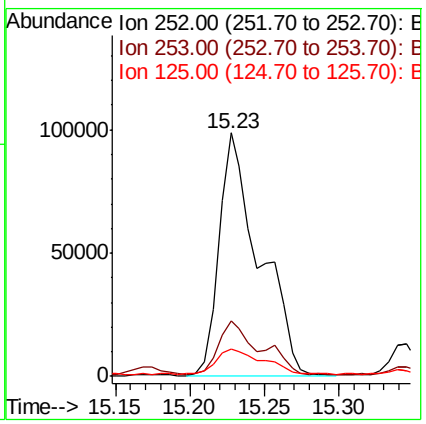


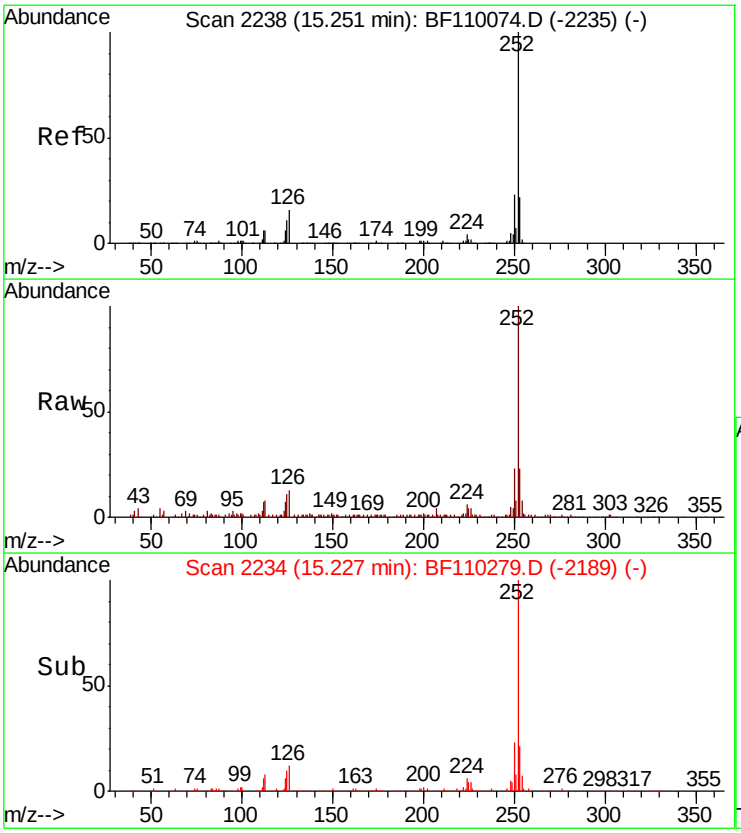
#88
Benzo(b)fluoranthene
Concen: 21.751 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 184827

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	8.2	12.4

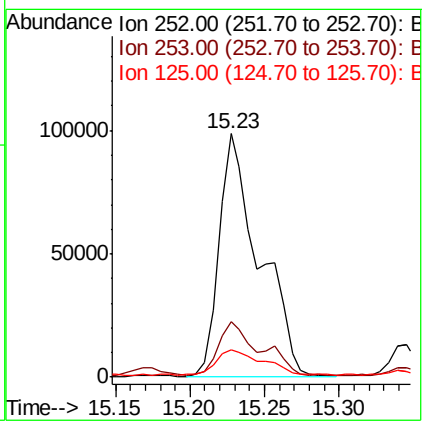


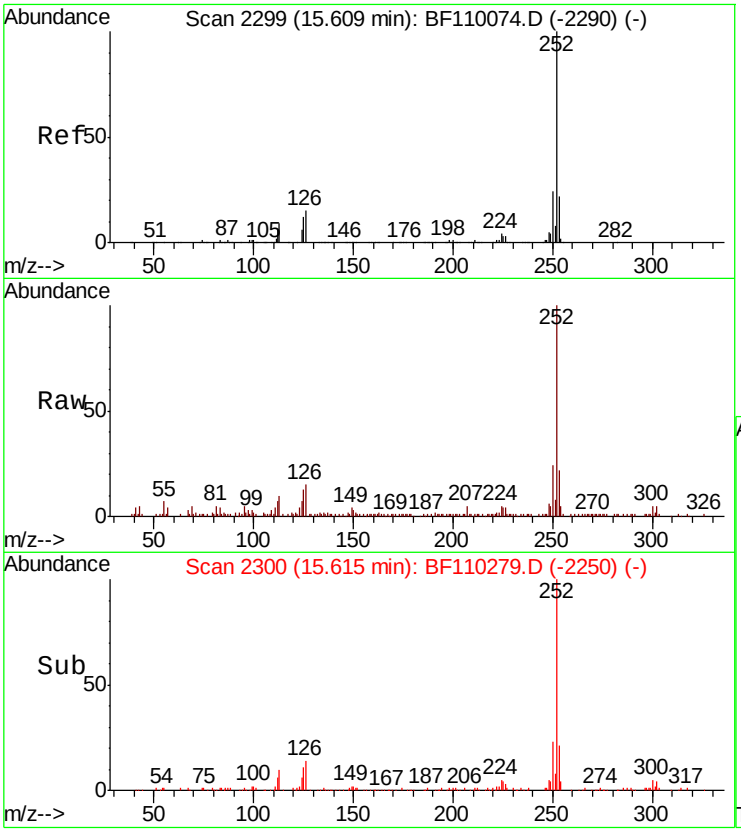


#89
Benzo(k)fluoranthene
Concen: 22.125 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:252 Resp: 184827

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	7.4	11.0#



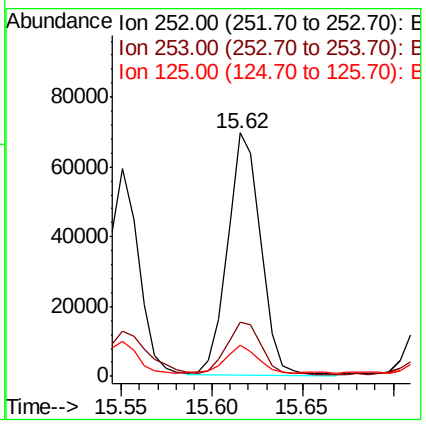


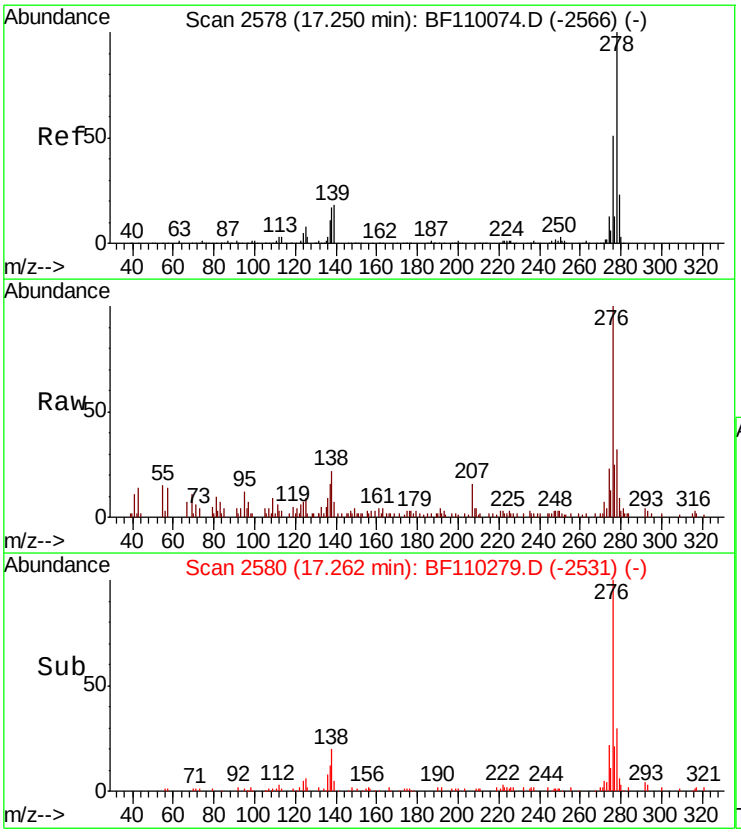
#90
Benzo(a)pyrene
Concen: 11.347 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 88721

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.8	9.0	13.6

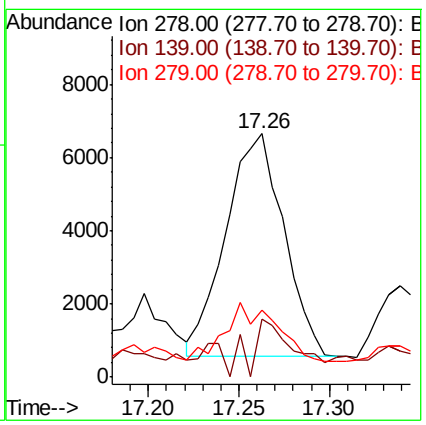


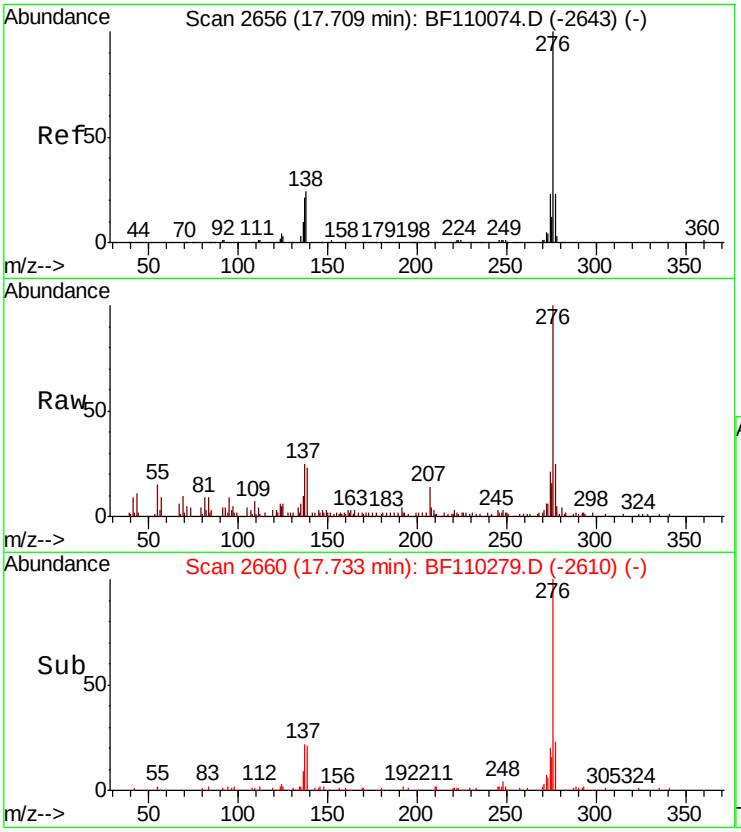


#91
Dibenzo(a,h)anthracene
Concen: 2.012 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Tgt Ion:278 Resp: 13574

Ion	Ratio	Lower	Upper
278	100		
139	23.7	12.7	19.1#
279	27.4	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 8.491 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF110279.D
Acq: 29 Oct 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 56450

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	22.9	16.0	24.0