Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110124.D
Acq On : 24 Oct 2018 19:28
Operator : JU/SJ
Sample : J5198-27 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:14:08 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	123608	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	442262	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	177879	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	326514	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	265960	20.00	ng		-0.01
87) Perylene-d12	15.69	264	181286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	381917	50.31	ng		-0.02
7) Phenol-d6	6.58	99	449569	46.31	ng		-0.02
23) Nitrobenzene-d5	7.53	82	244736	32.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	79349	45.03	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	432964	38.22	ng		-0.02
79) Terphenyl-d14	13.09	244	440758	34.47	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.59	94	27015	2.603	ng	#	69
19) n-Nitroso-di-n-propylamine	7.53	70	32472	5.213	ng	#	77
25) Isophorone	7.53	82	244733	19.255	ng	#	67
49) Acenaphthylene	9.87	152	53731	3.153	ng		98
50) Dimethylphthalate	9.72	163	52323	3.985	ng		99
51) 2,6-Dinitrotoluene	10.01	165	24219	8.563	ng	#	23
52) Acenaphthene	10.05	154	30526	2.708	ng		96
55) Dibenzofuran	10.22	168	42284	2.679	ng		95
56) 4-Nitrophenol	10.22	139	17256	6.932	ng	#	8
58) Fluorene	10.56	166	71582	6.093	ng		100
71) Phenanthrene	11.53	178	401135	23.479	ng		100
72) Anthracene	11.58	178	120905	7.060	ng		97
75) Fluoranthene	12.72	202	410051	23.649	ng		99
78) Pyrene	12.95	202	329024	17.256	ng		98
81) Benzo(a)anthracene	14.14	228	165398	10.487	ng		98
83) Chrysene	14.18	228	153792	10.266	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	54346	4.373	ng		97
88) Benzo(b)fluoranthene	15.23	252	188897	18.044	ng	#	89
89) Benzo(k)fluoranthene	15.23	252	188897	18.354	ng	#	88
90) Benzo(a)pyrene	15.62	252	89692	9.311	ng	#	92
92) Benzo(g,h,i)perylene	17.72	276	49466	6.039	ng		94

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
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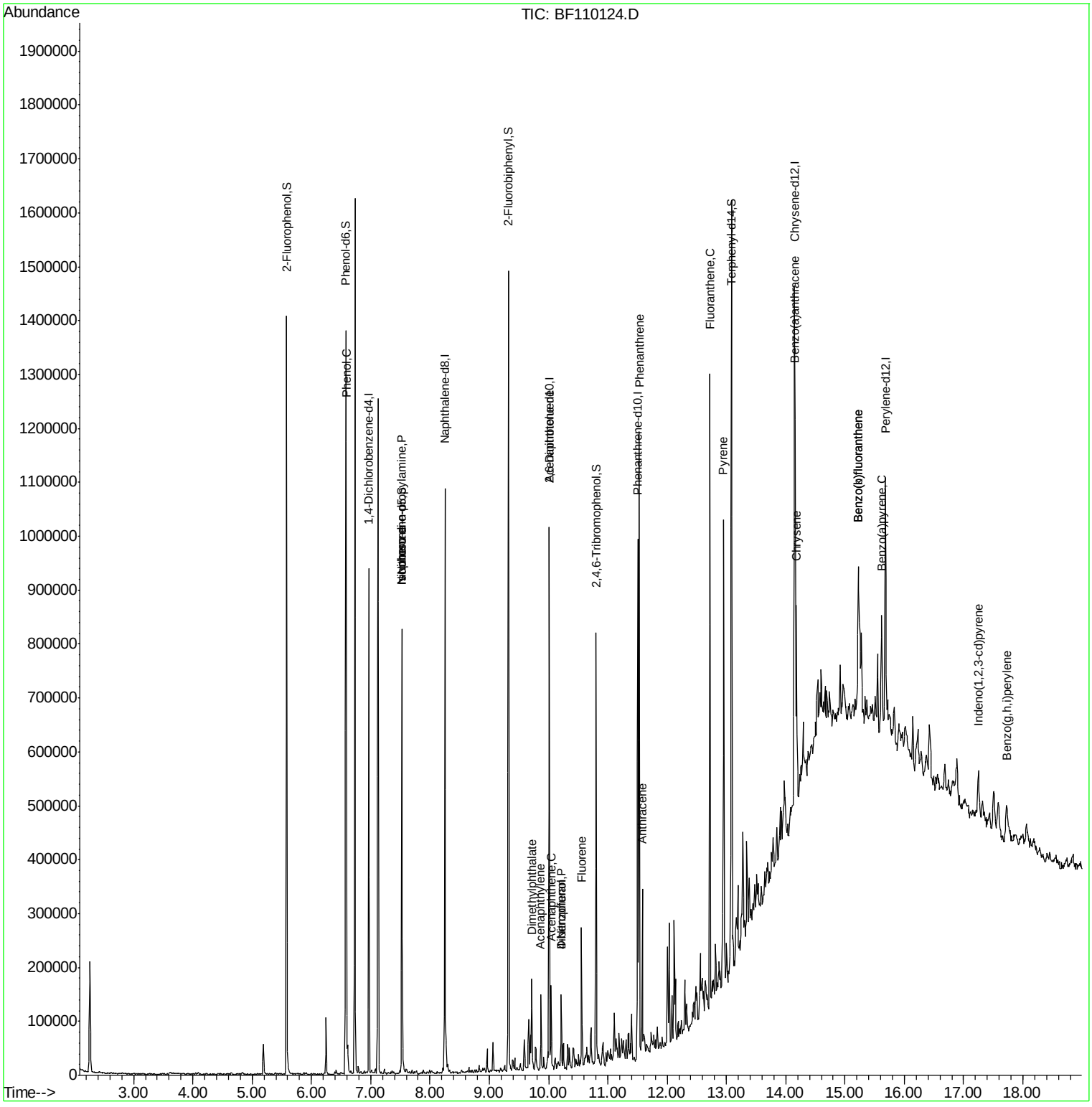
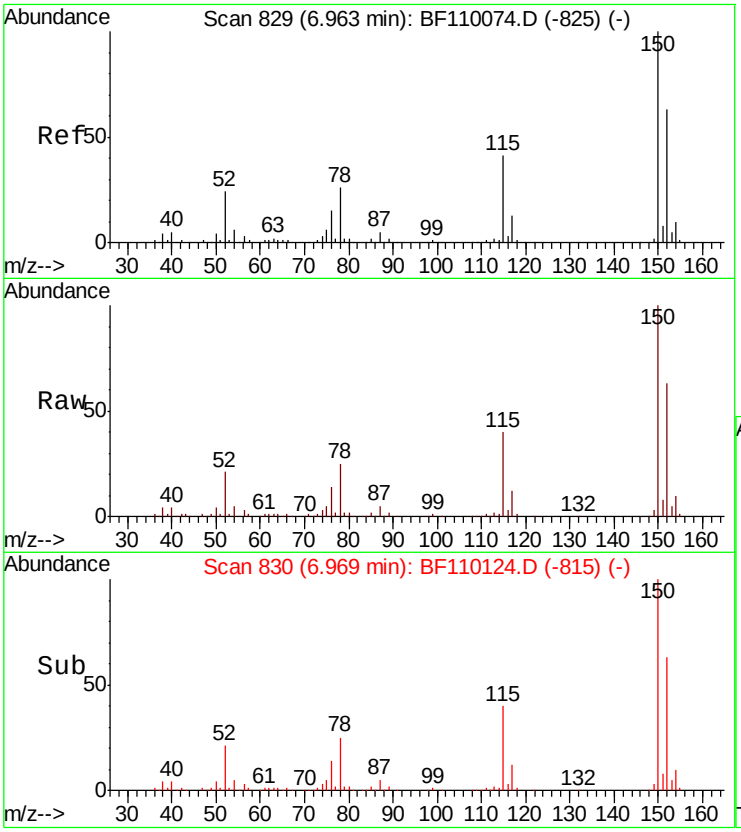


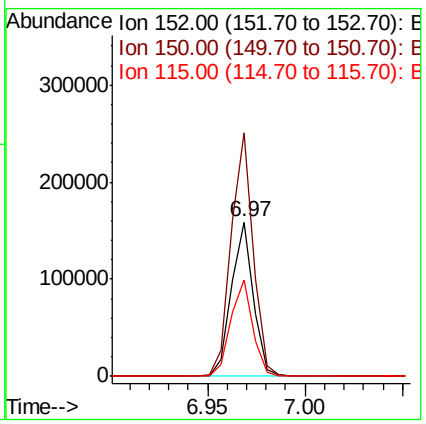


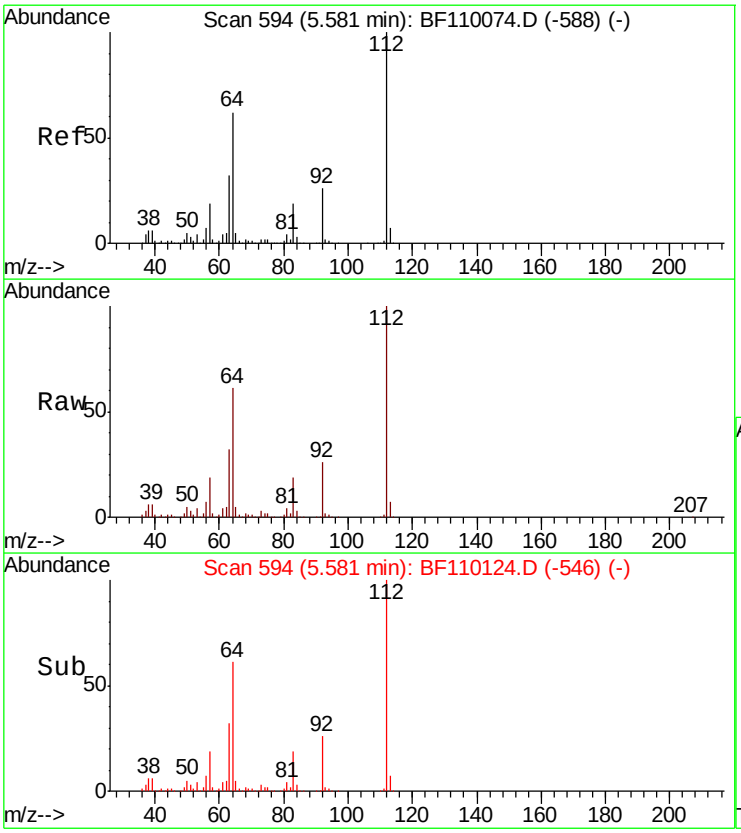
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123608

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.7	184.1
115	62.4	49.1	73.7

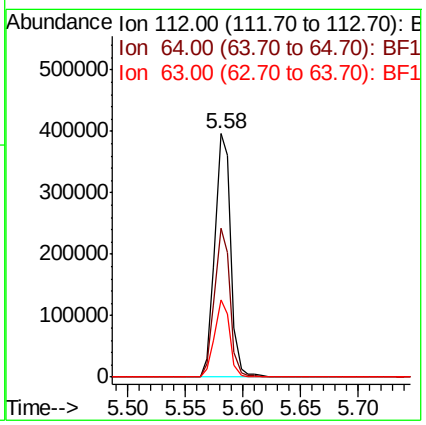


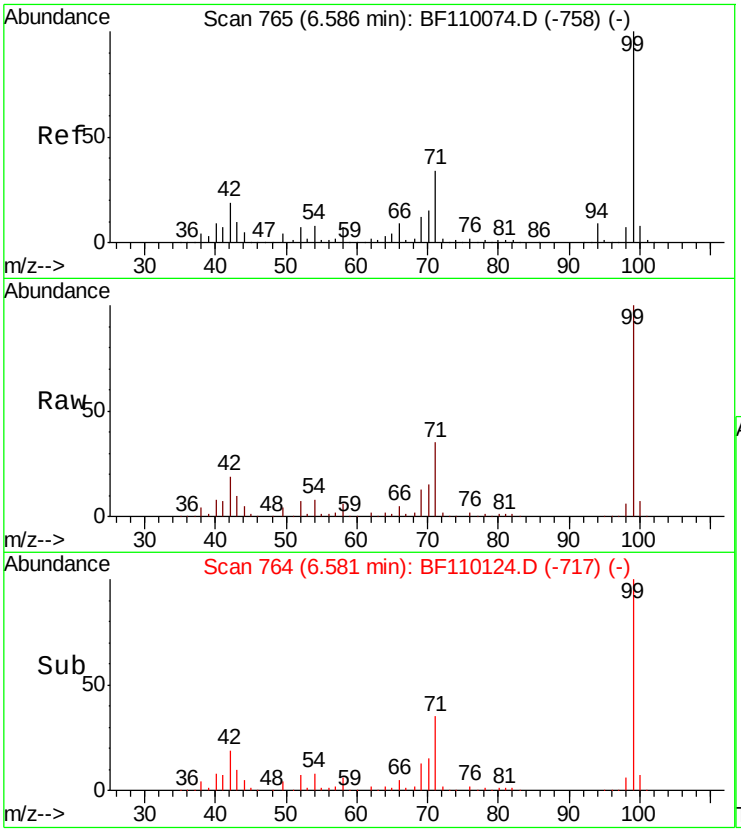


#5
2-Fluorophenol
Concen: 50.315 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:112 Resp: 381917

Ion	Ratio	Lower	Upper
112	100		
64	61.4	44.1	66.1
63	31.9	23.7	35.5



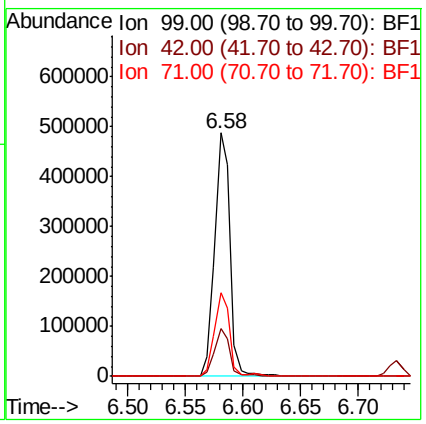


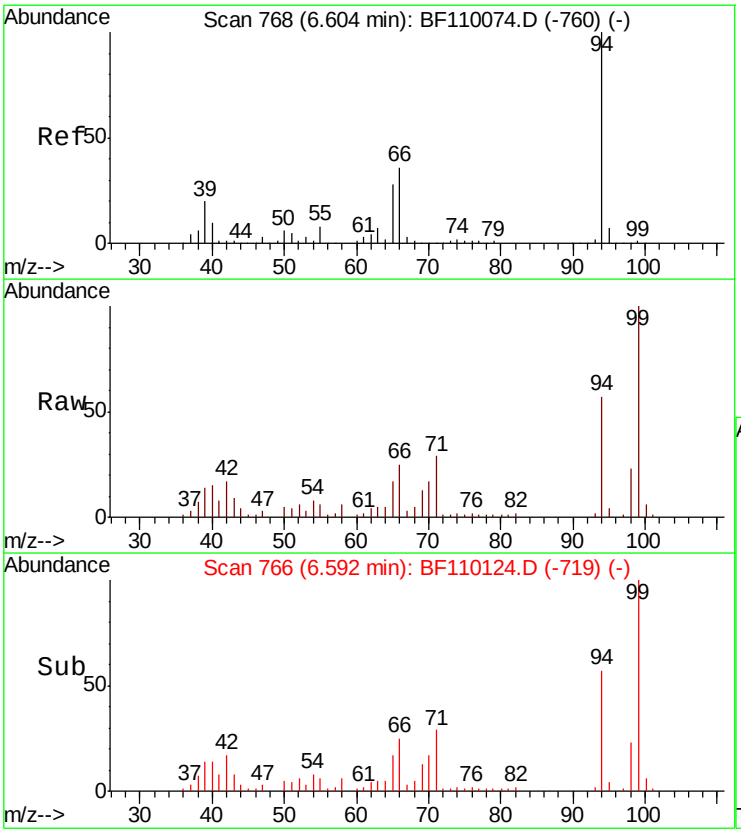
#7
Phenol-d6
Concen: 46.305 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 449569

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.5	28.0	42.0

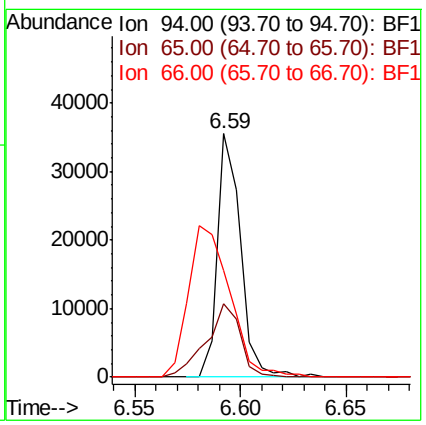


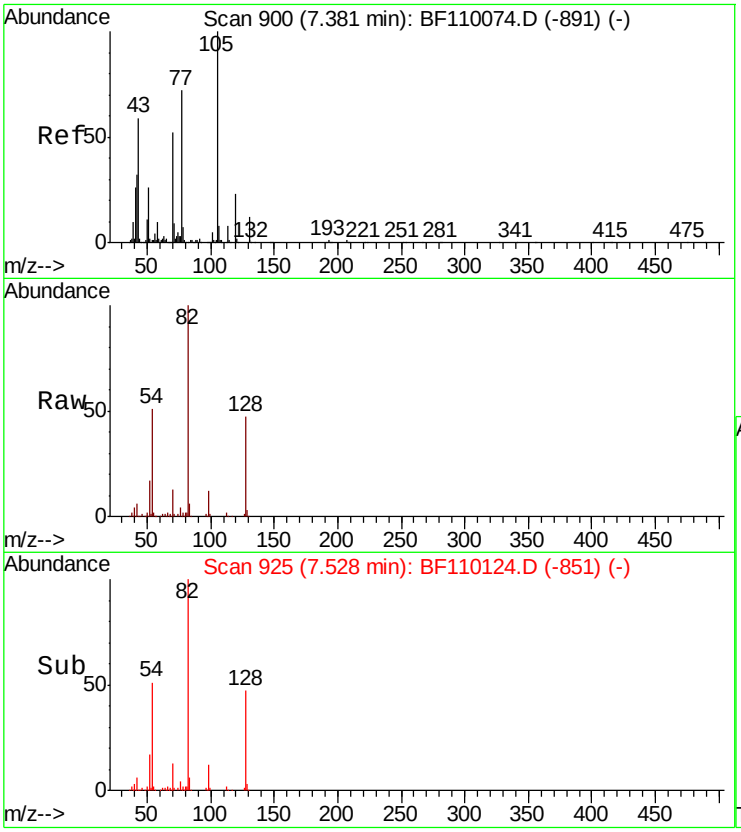


#10
Phenol
Concen: 2.603 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion: 94 Resp: 27015

Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	43.6	54.5	94.5#



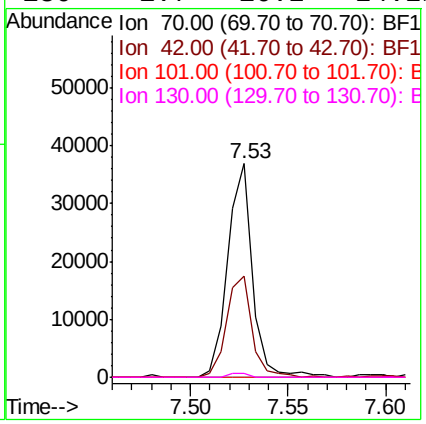


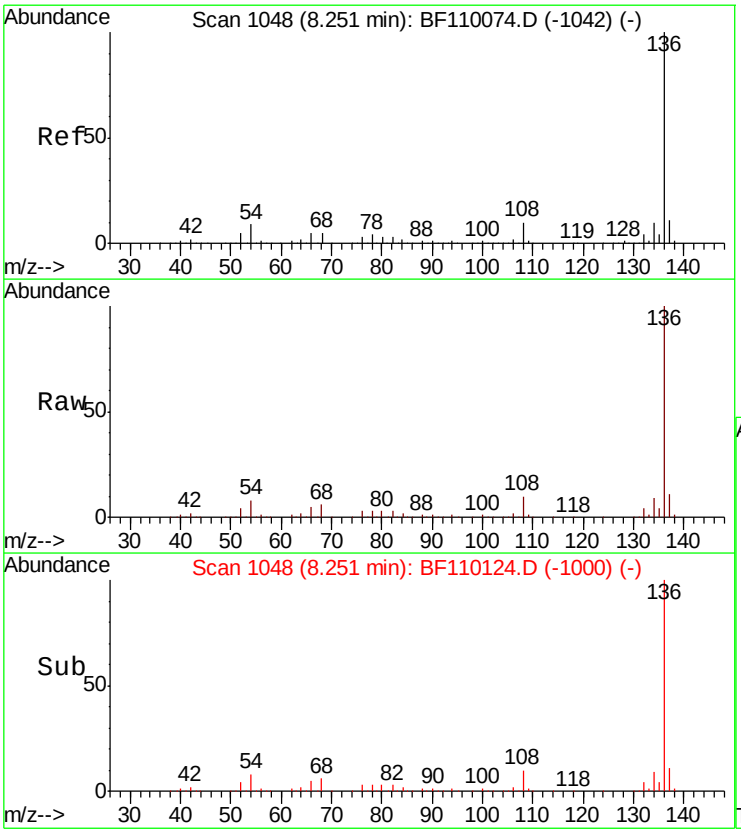
#19
n-Nitroso-di-n-propylamine
Concen: 5.213 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.13 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 32472

Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.4	71.2#
101	0.0	7.3	10.9#
130	1.7	16.2	24.2#

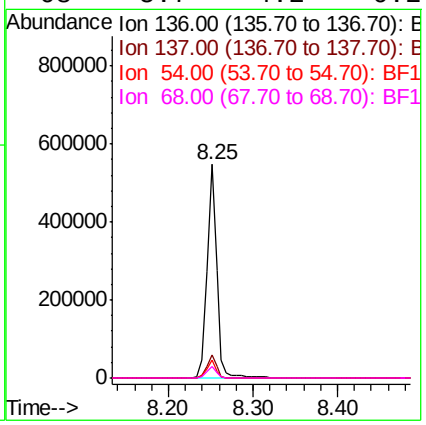


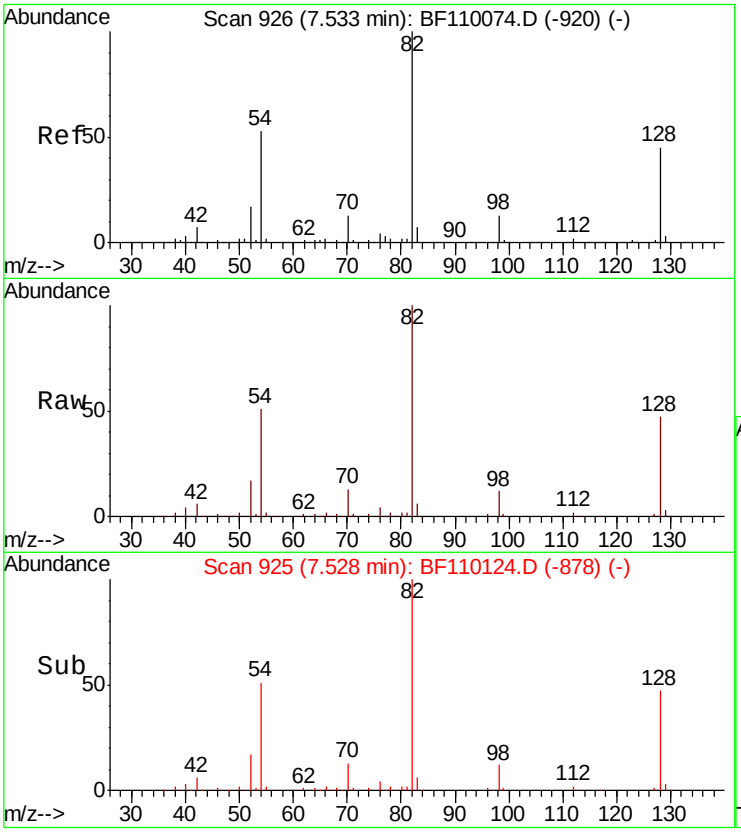


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:136 Resp: 442262

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.2	5.4	8.2
68	5.7	4.2	6.2



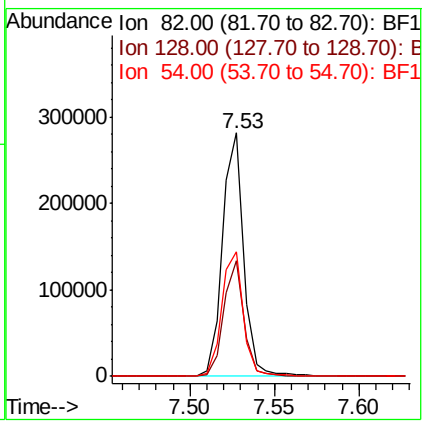


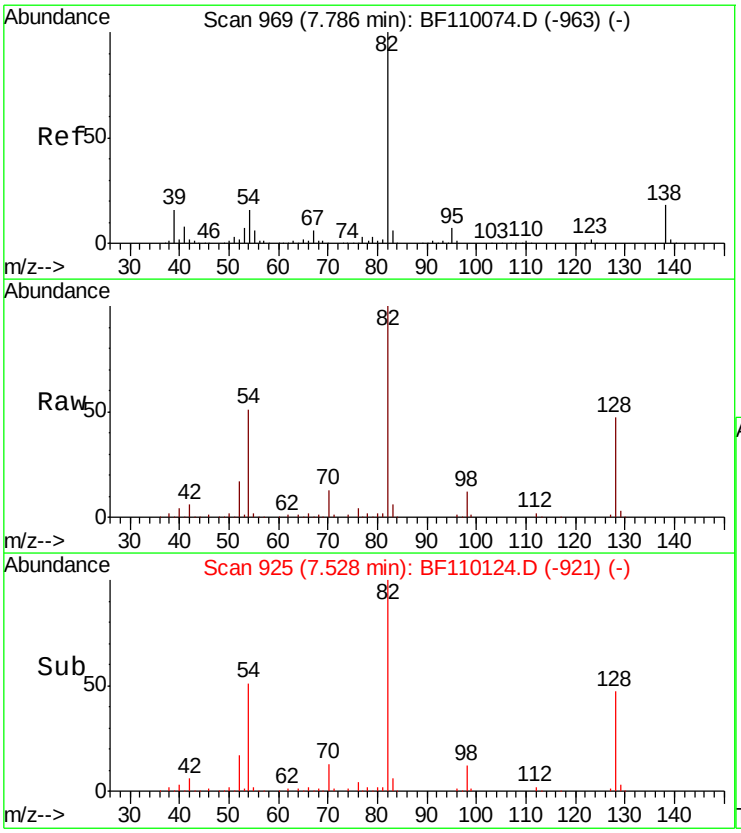
#23
Nitrobenzene-d5
Concen: 32.822 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 244736

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.2	51.2
54	51.2	38.6	58.0

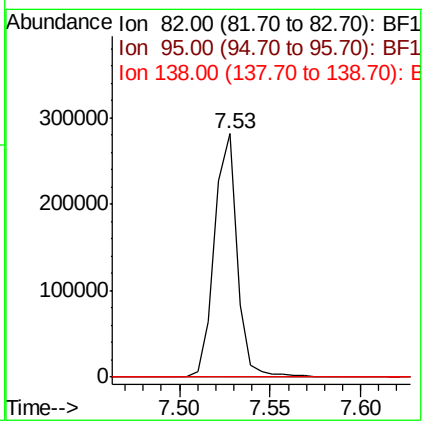


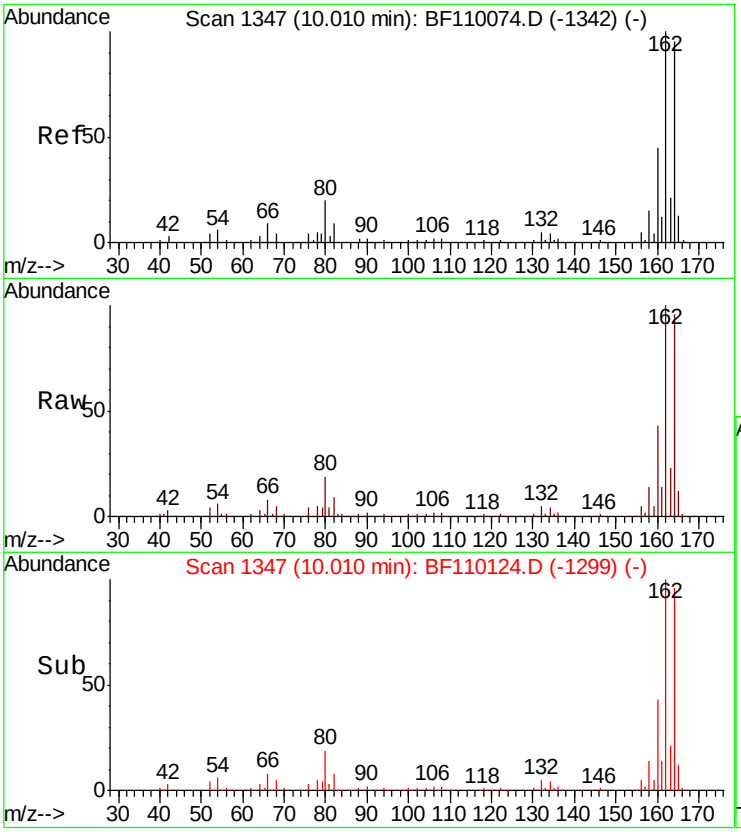


#25
Isophorone
Concen: 19.255 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion: 82 Resp: 244733

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



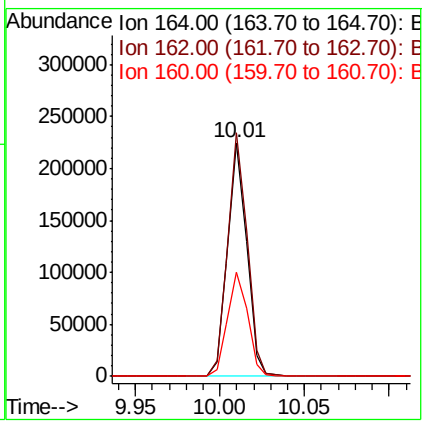


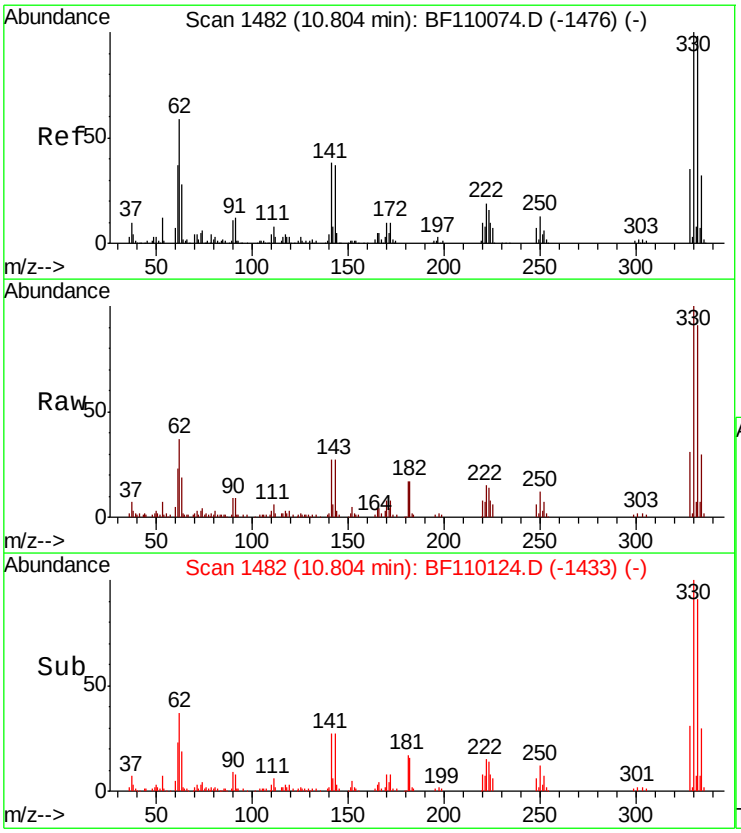
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 177879

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	44.5	37.0	55.6

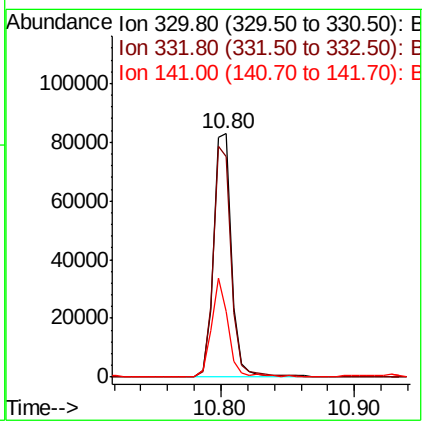


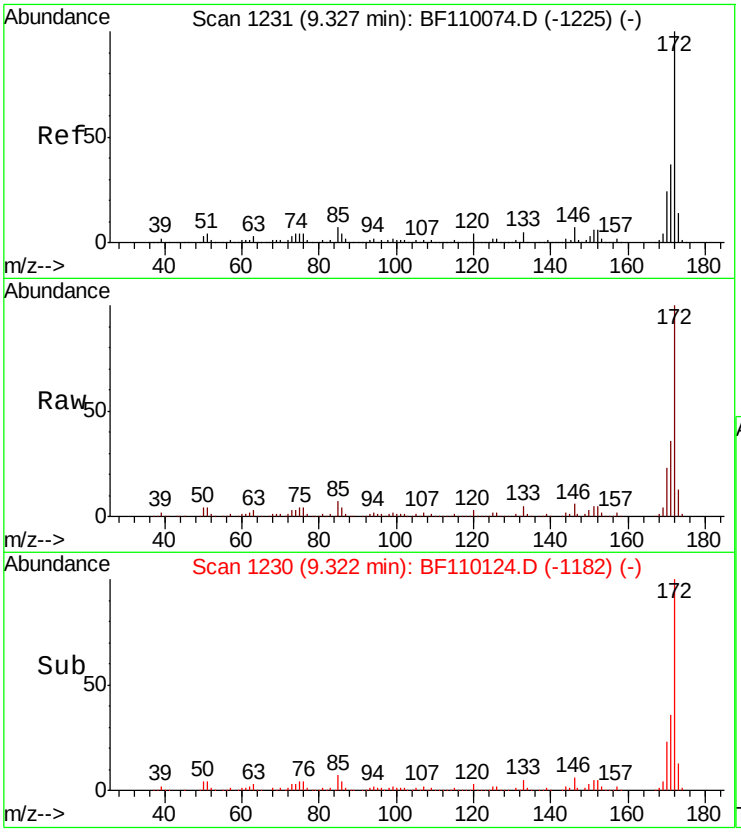


#42
2,4,6-Tribromophenol
Concen: 45.033 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:330 Resp: 79349

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	37.2	27.0	40.4



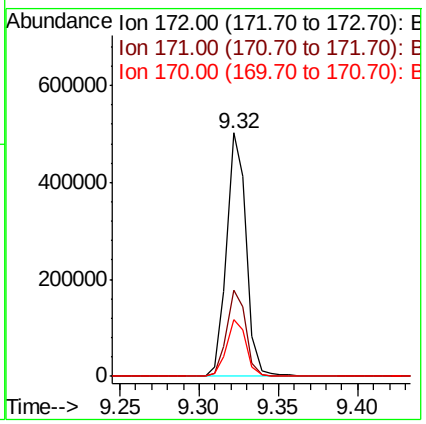


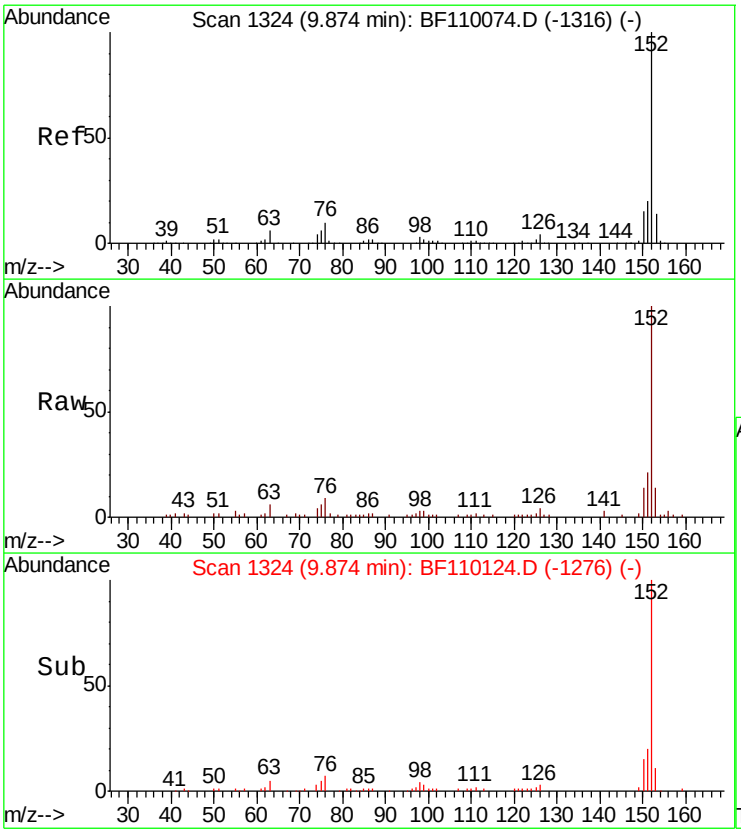
#45
2-Fluorobiphenyl
Concen: 38.221 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 432964

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.7	29.5

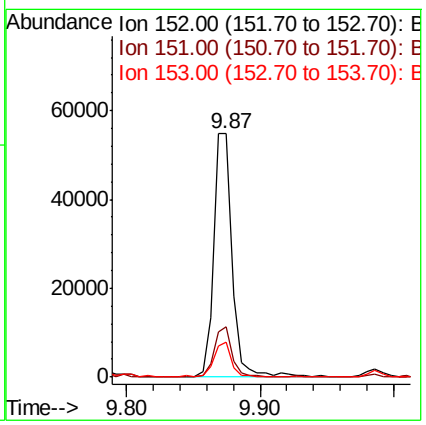


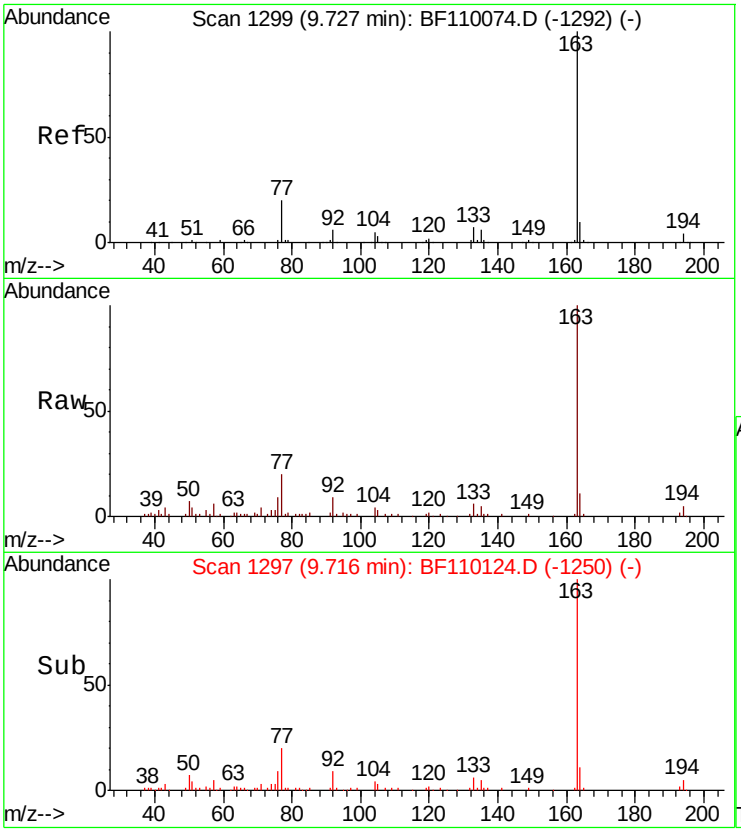


#49
Acenaphthylene
Concen: 3.153 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:152 Resp: 53731

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.3	10.4	15.6



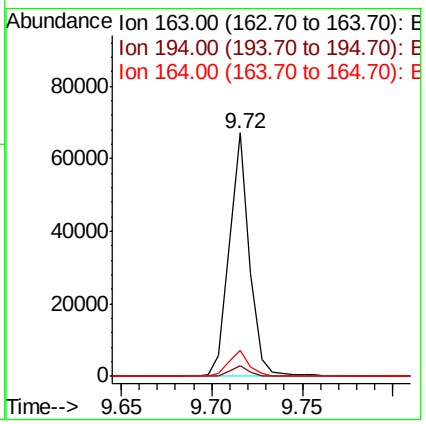


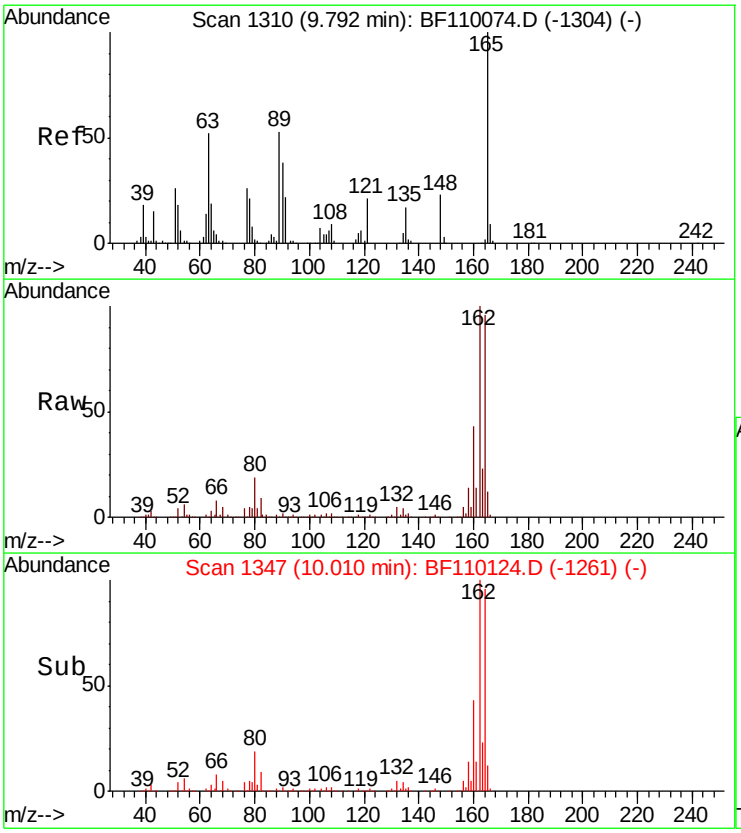
#50
Dimethylphthalate
Concen: 3.985 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 52323

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.6	8.1	12.1

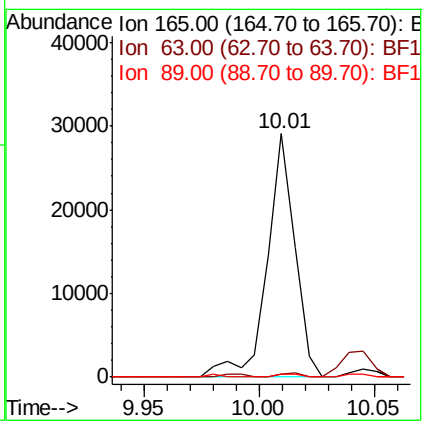


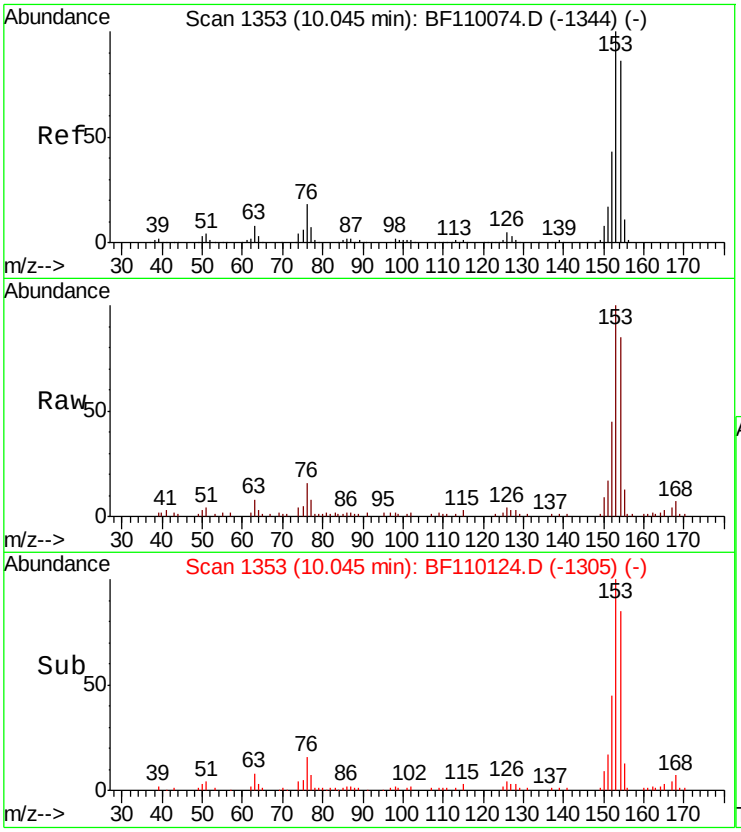


#51
2,6-Dinitrotoluene
Concen: 8.563 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:165 Resp: 24219

Ion	Ratio	Lower	Upper
165	100		
63	1.4	48.9	73.3#
89	1.4	46.6	69.8#



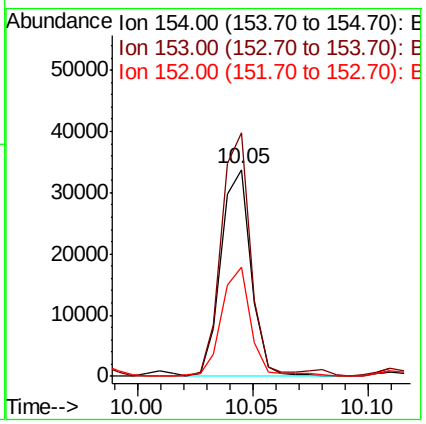


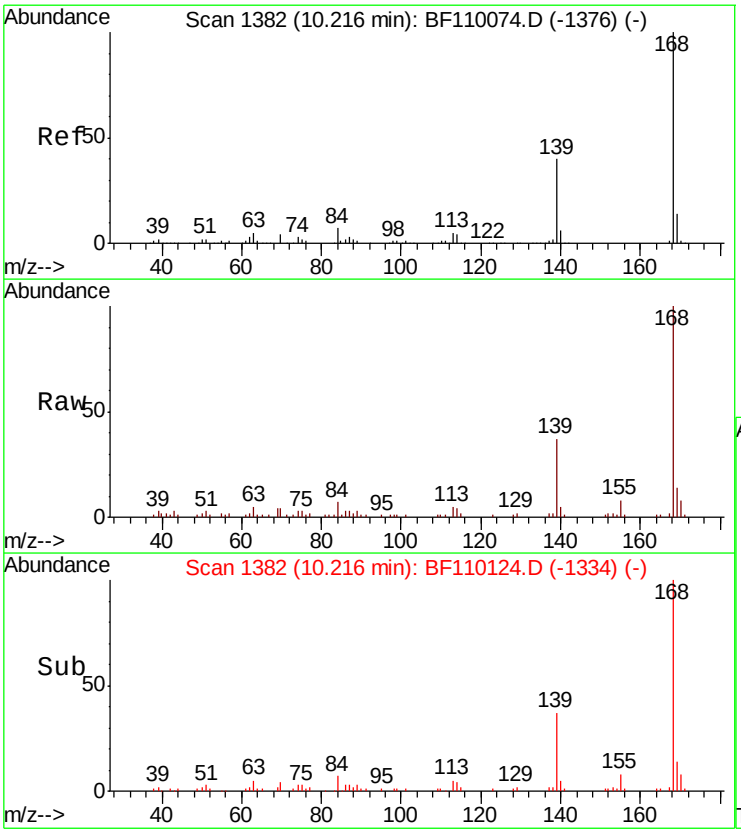
#52
Acenaphthene
Concen: 2.708 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 30526

Ion	Ratio	Lower	Upper
154	100		
153	117.8	90.1	135.1
152	52.9	43.4	65.2

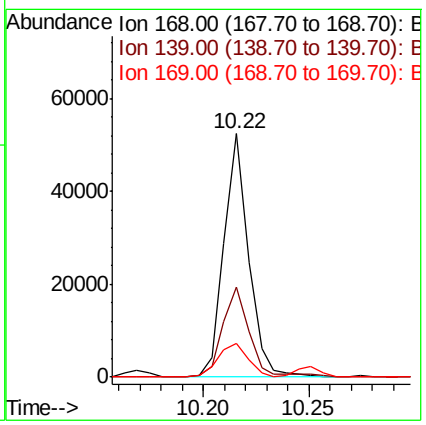


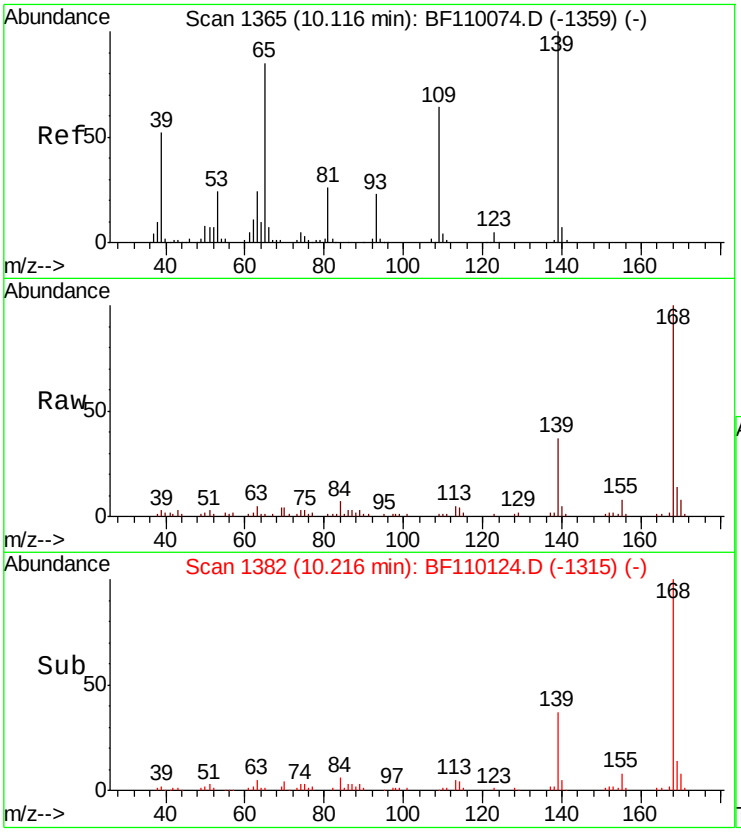


#55
Dibenzofuran
Concen: 2.679 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:168 Resp: 42284

Ion	Ratio	Lower	Upper
168	100		
139	37.0	33.0	49.6
169	13.8	11.3	16.9



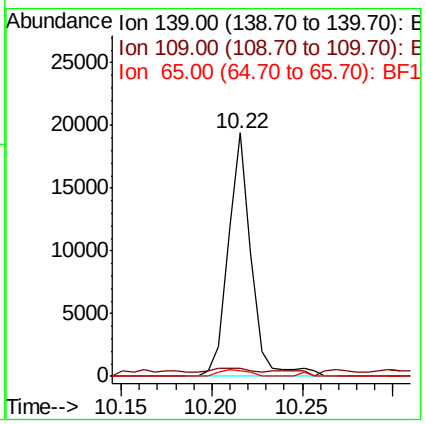


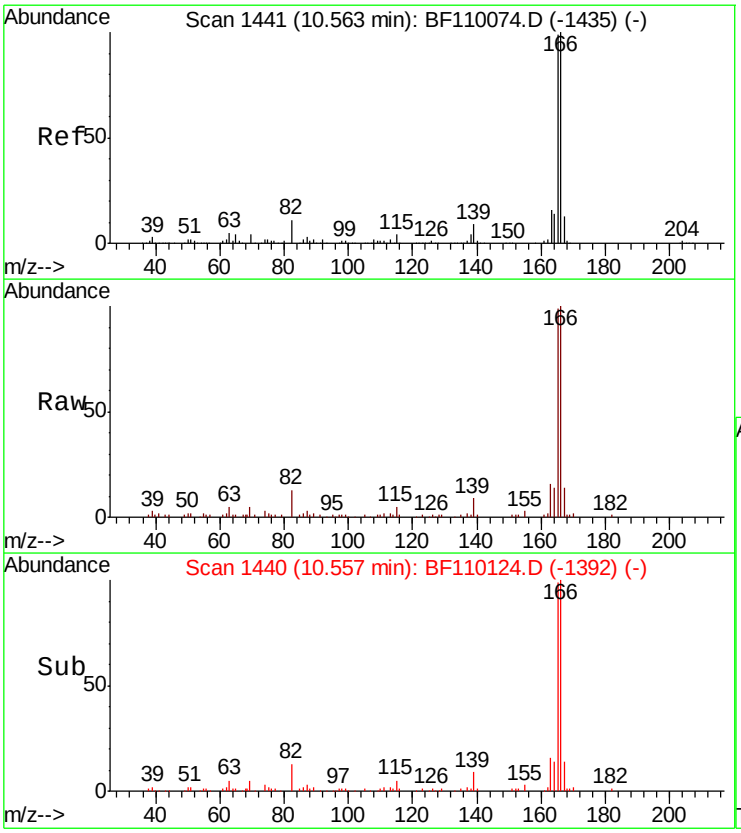
#56
4-Nitrophenol
Concen: 6.932 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 17256

Ion	Ratio	Lower	Upper
139	100		
109	3.4	55.8	95.8#
65	2.1	77.9	117.9#

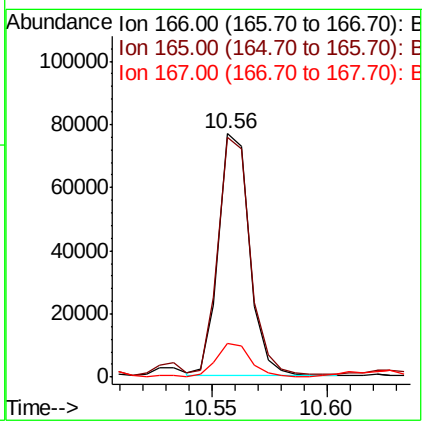


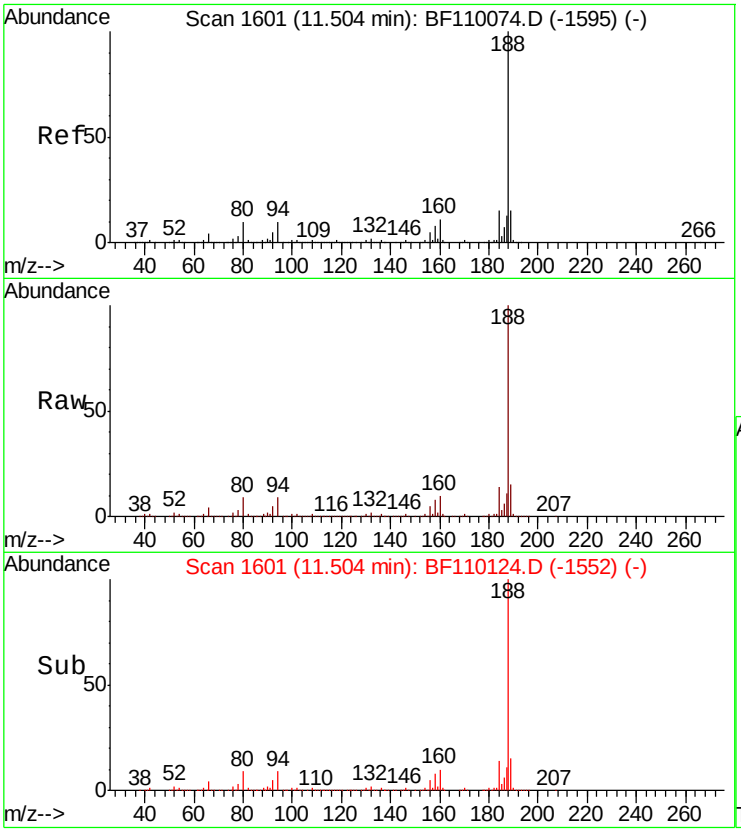


#58
Fluorene
Concen: 6.093 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:166 Resp: 71582

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.6	10.8	16.2



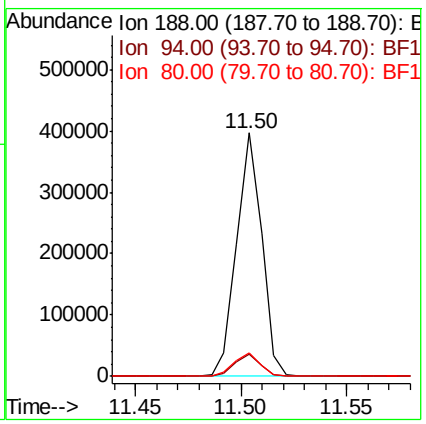


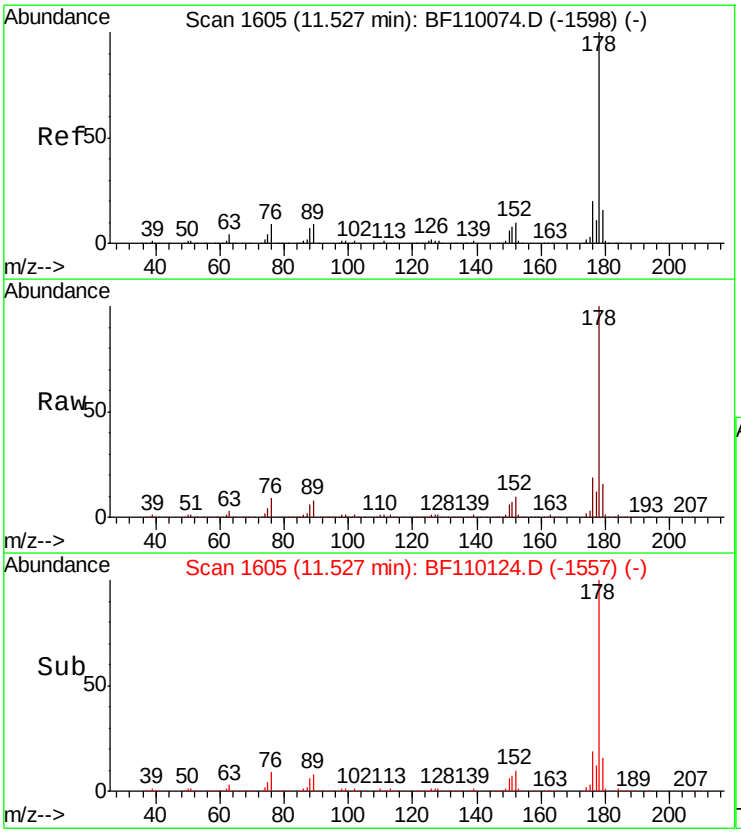
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 326514

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.4	7.9	11.9

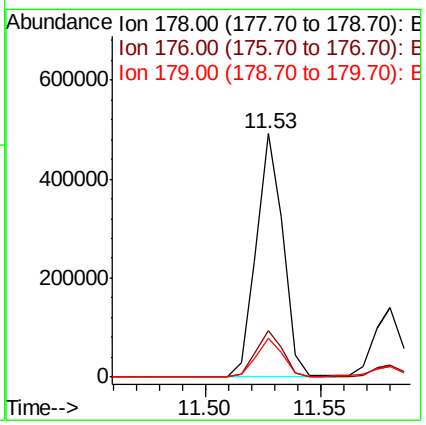


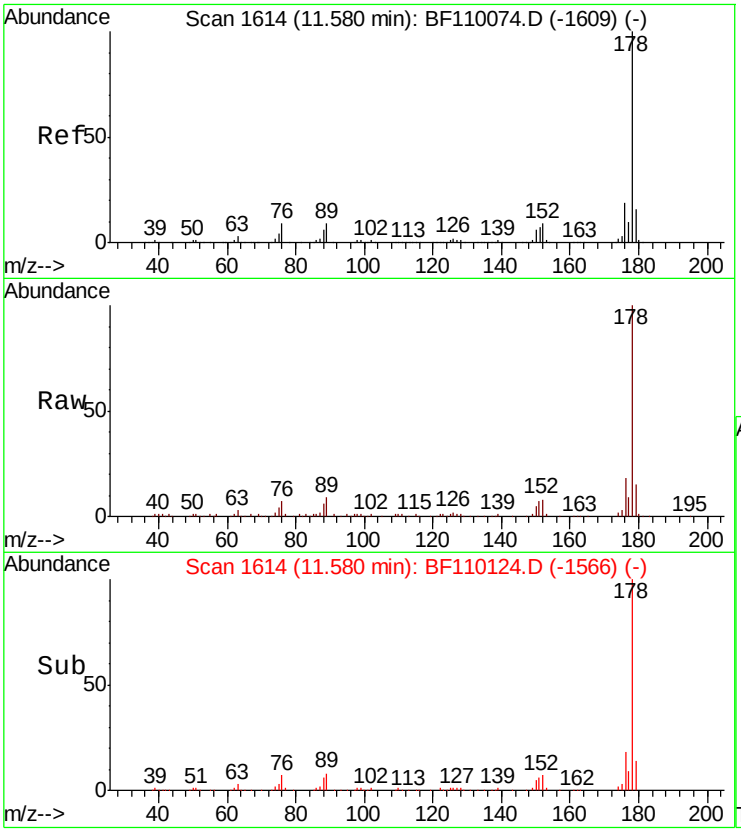


#71
Phenanthrene
Concen: 23.479 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:178 Resp: 401135

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.9	12.5	18.7



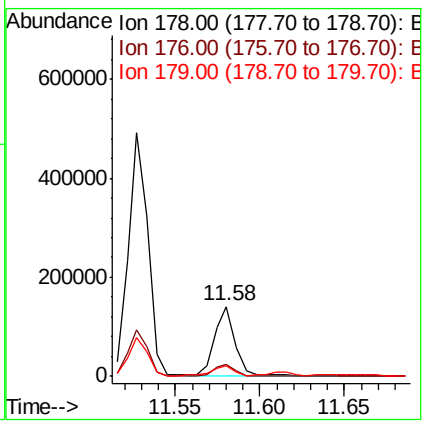


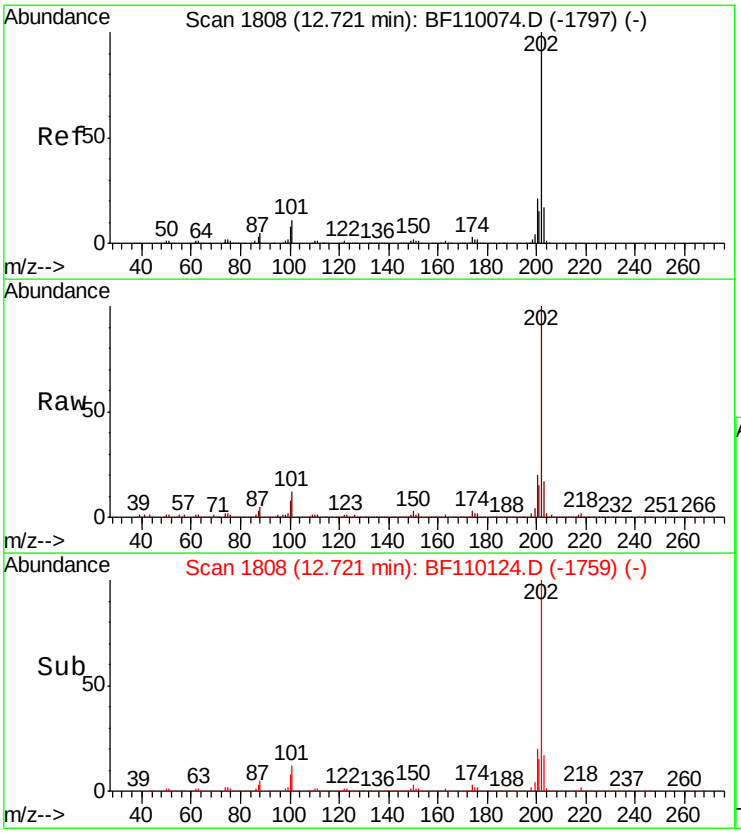
#72
Anthracene
Concen: 7.060 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 120905

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	14.6	12.6	18.8

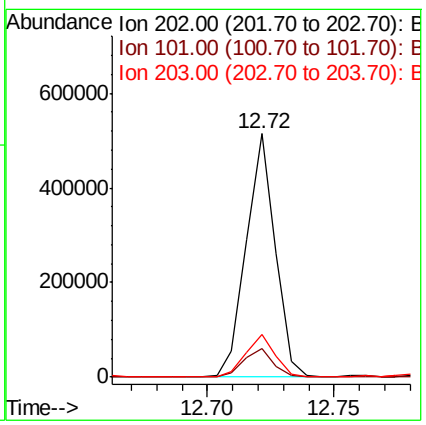


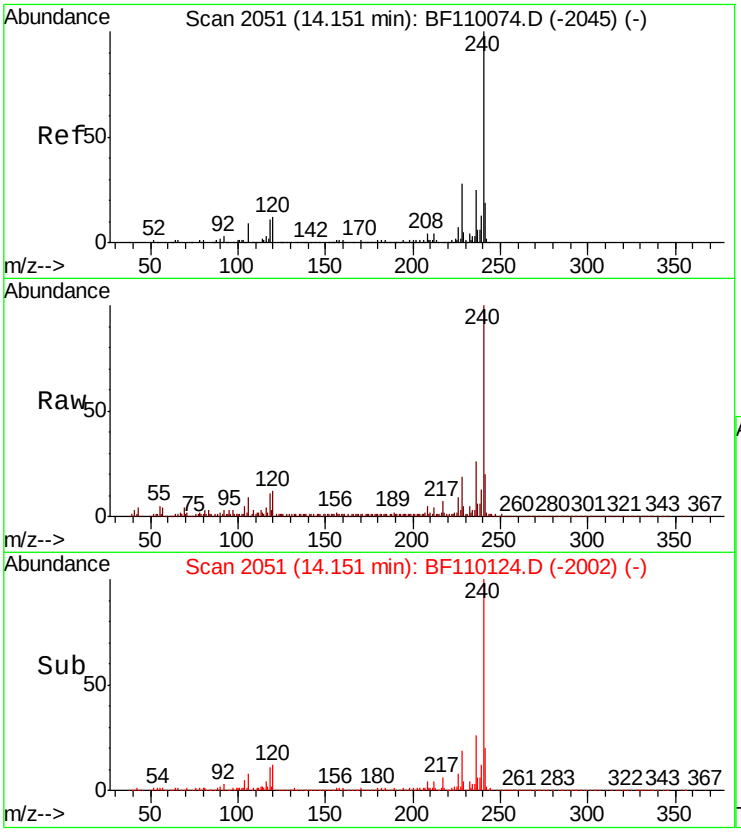


#75
Fluoranthene
Concen: 23.649 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:202 Resp: 410051

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.4	0.0	37.7



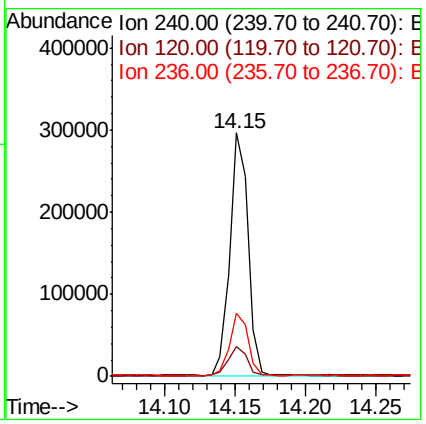


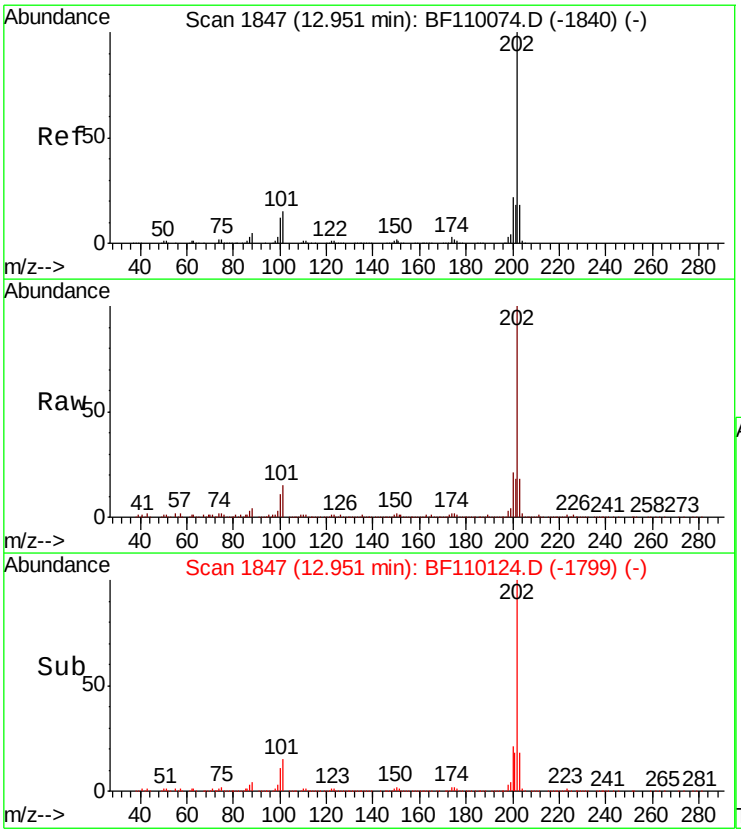
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 265960

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

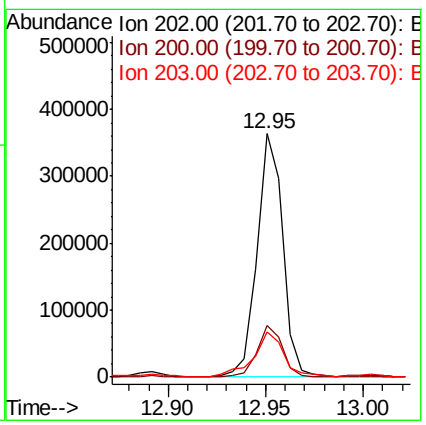


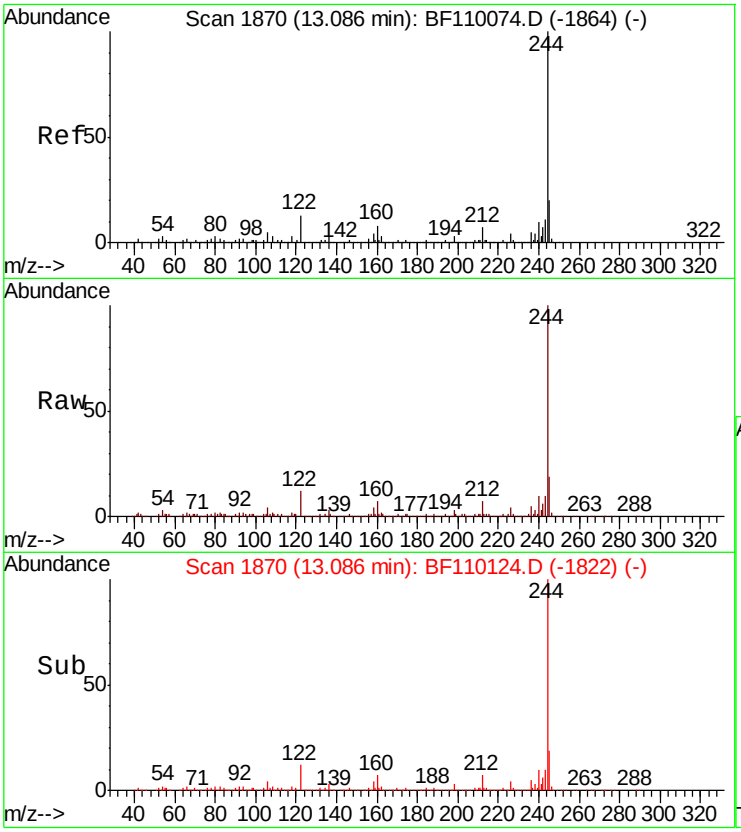


#78
Pyrene
Concen: 17.256 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:202 Resp: 329024

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.3	14.2	21.4



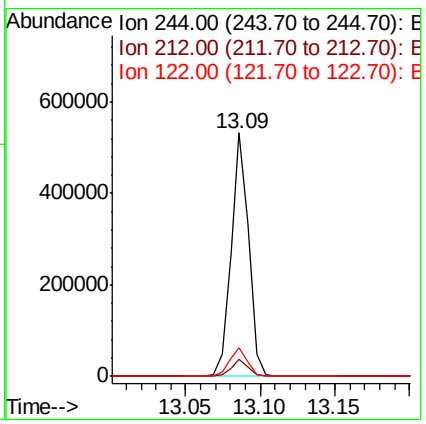


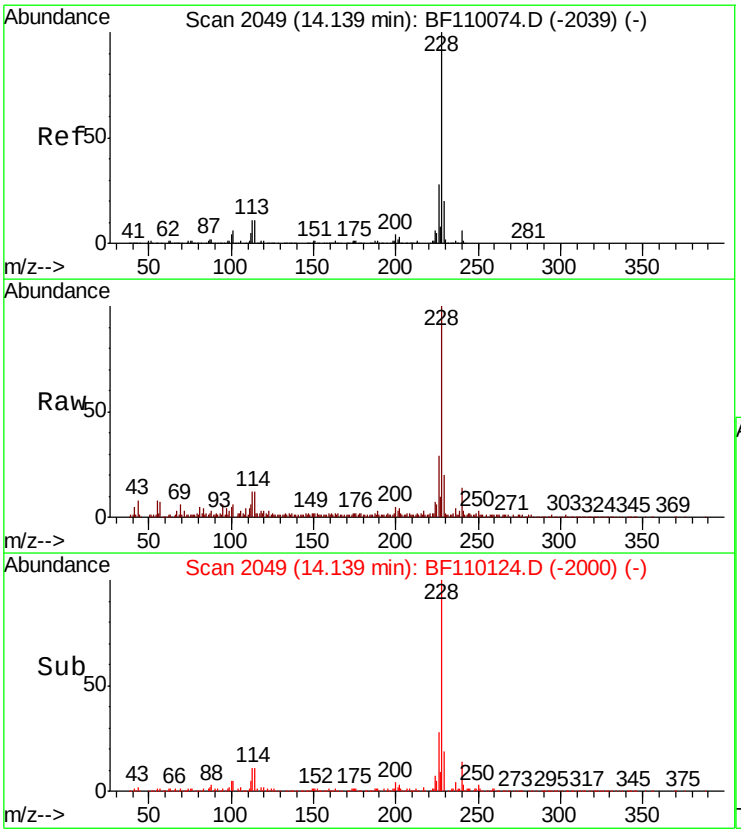
#79
Terphenyl-d14
Concen: 34.466 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 440758

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1

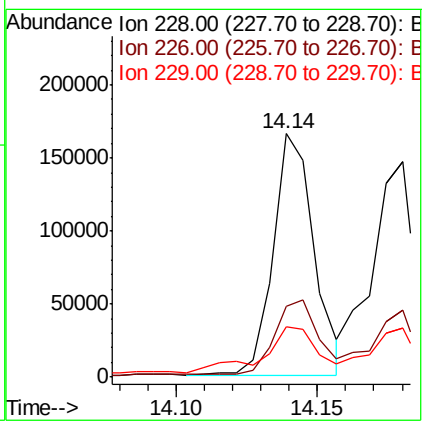


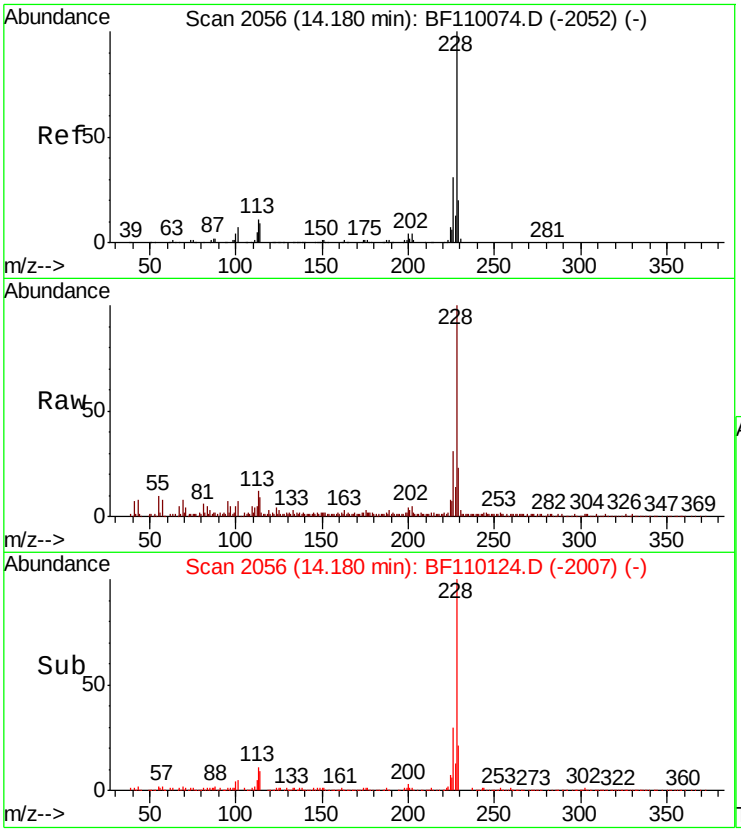


#81
Benzo(a)anthracene
Concen: 10.487 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:228 Resp: 165398

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	20.5	15.6	23.4



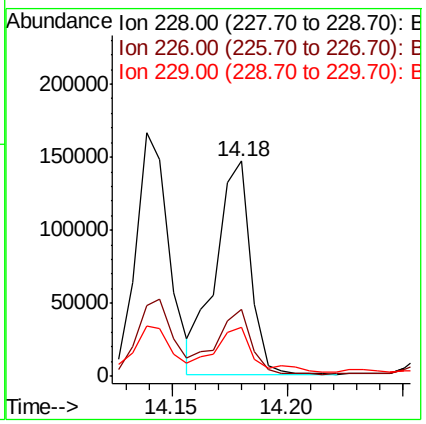


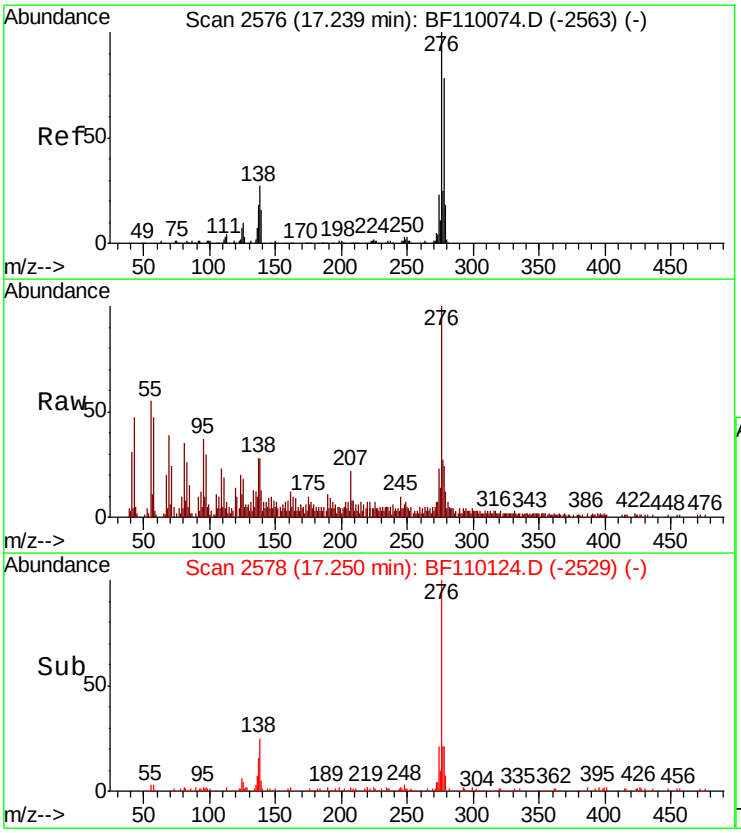
#83
Chrysene
Concen: 10.266 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 153792

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	23.1	15.9	23.9

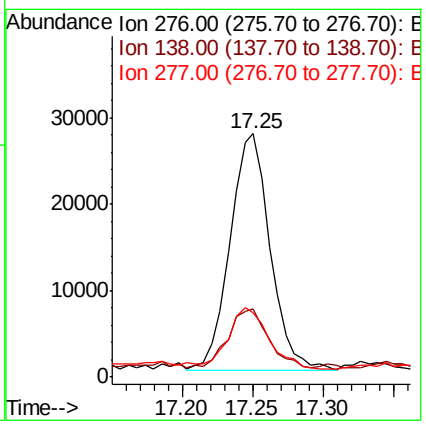


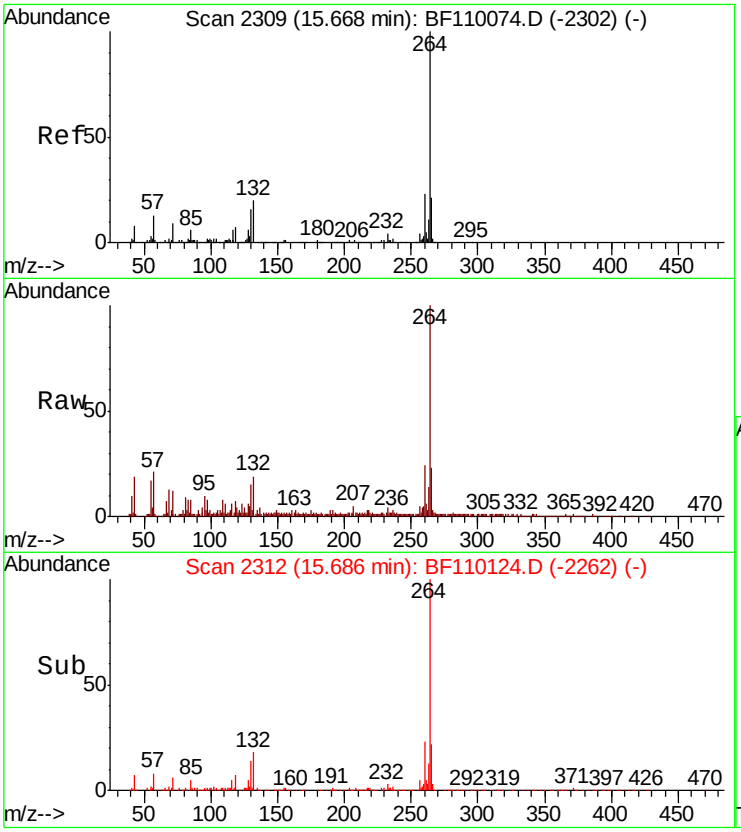


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.373 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:276 Resp: 54346

Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.5	27.7
277	25.7	20.0	30.0



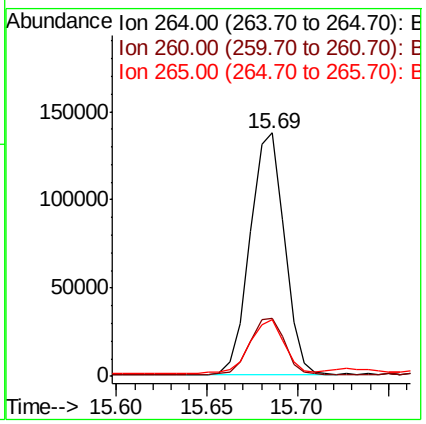


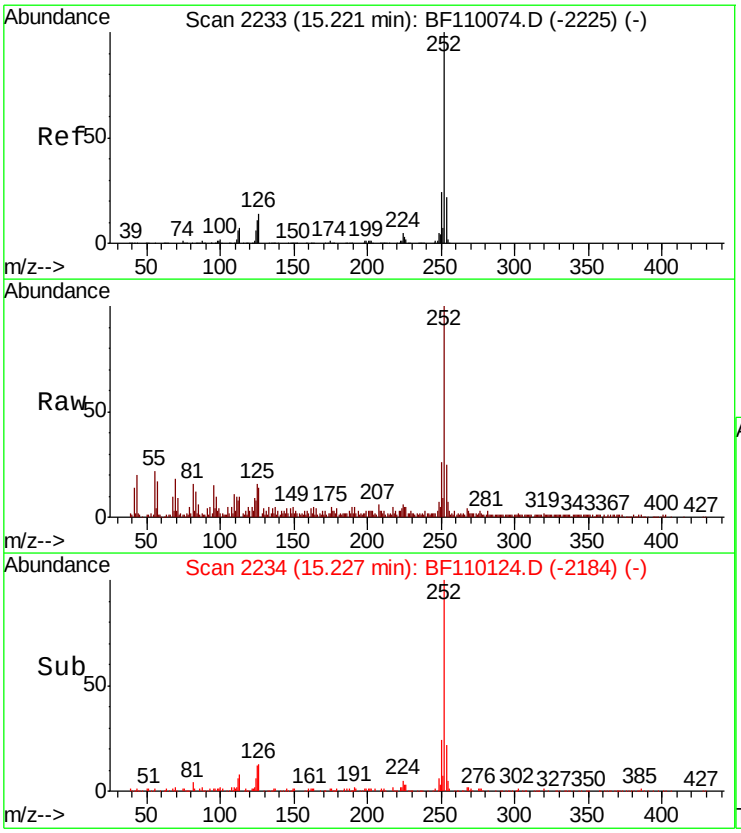
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 181286

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	23.2	16.7	25.1

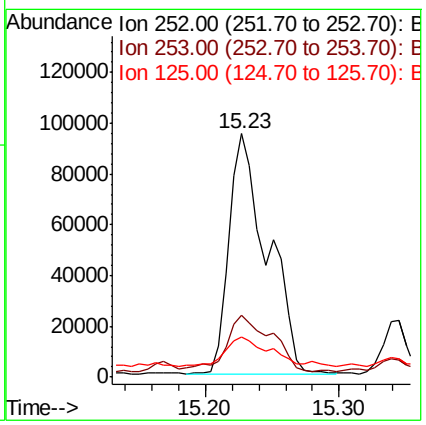


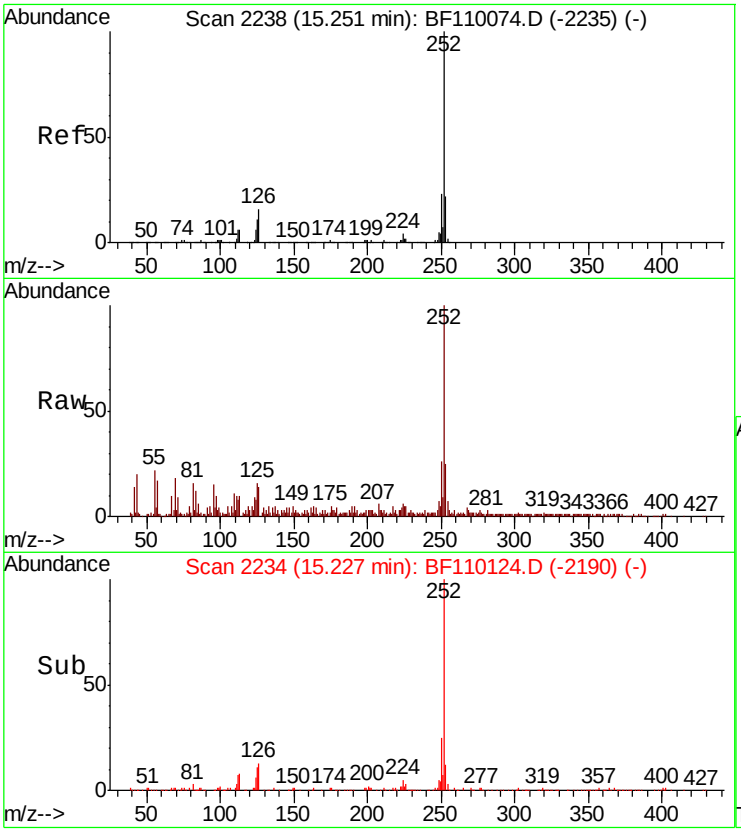


#88
Benzo(b)fluoranthene
Concen: 18.044 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:252 Resp: 188897

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	16.3	8.2	12.4#



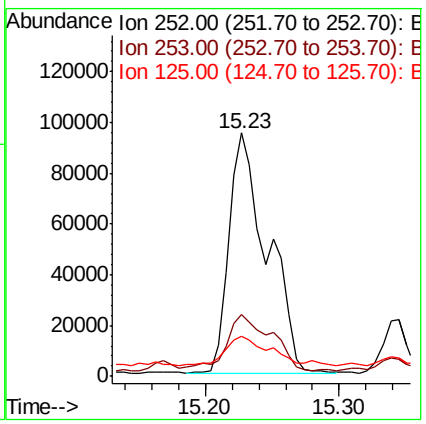


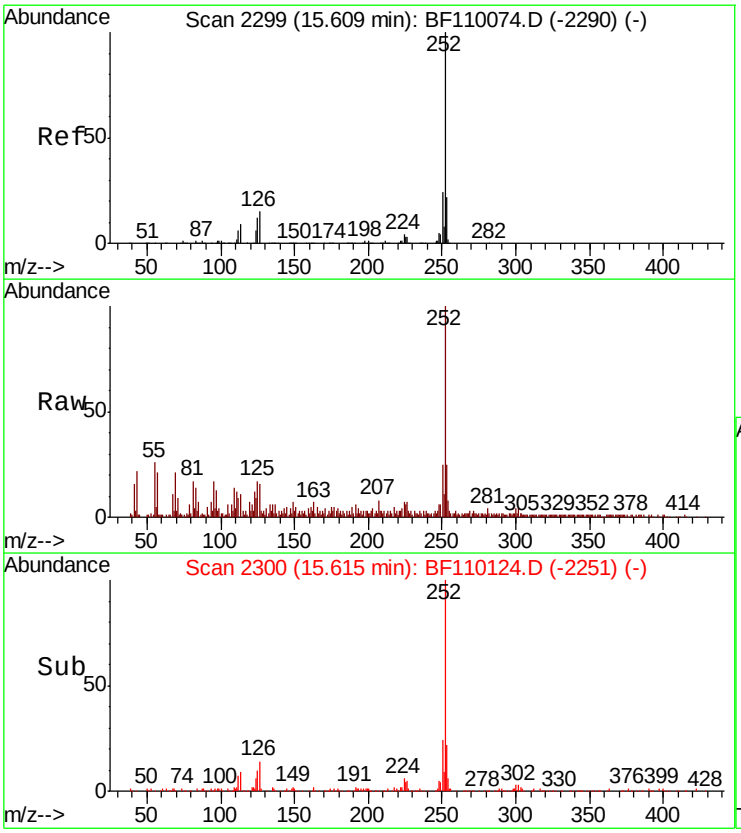
#89
Benzo(k)fluoranthene
Concen: 18.354 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 188897

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.2	25.8
125	16.3	7.4	11.0#

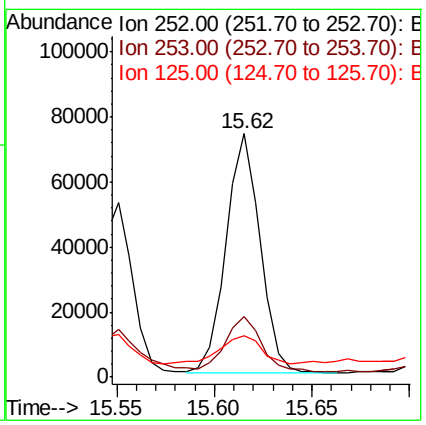


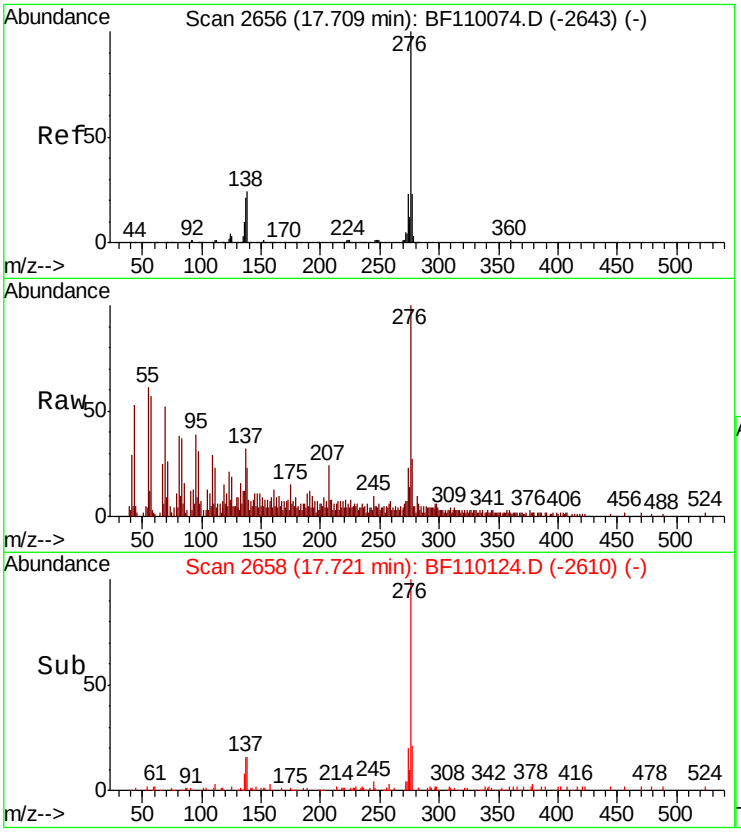


#90
Benzo(a)pyrene
Concen: 9.311 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Tgt Ion:252 Resp: 89692

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	16.9	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 6.039 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF110124.D
Acq: 24 Oct 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49466

Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.8	28.2
138	22.5	16.0	24.0