Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110338.D
Acq On : 31 Oct 2018 17:41
Operator : JU/SJ
Sample : J5728-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 03:43:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	80223	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	320056	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	138683	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	240678	20.00	ng	0.00
76) Chrysene-d12	14.17	240	167606	20.00	ng	0.00
87) Perylene-d12	15.71	264	123900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	664471	134.88	ng	0.01
7) Phenol-d6	6.60	99	825280	130.97	ng	0.00
23) Nitrobenzene-d5	7.54	82	491921	91.16	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	173900	126.59	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	878896	99.51	ng	0.00
79) Terphenyl-d14	13.10	244	699055	86.74	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	1886	Below Cal	#	1
10) Phenol	6.62	94	55313	8.212	ng	# 64
19) n-Nitroso-di-n-propylamine	7.54	70	66449	16.438	ng	# 79
25) Isophorone	7.54	82	491913	53.480	ng	# 67
50) Dimethylphthalate	9.72	163	134971	13.184	ng	# 98
57) 2,4-Dinitrotoluene	10.02	165	18986	6.778	ng	# 17
67) 4-Bromophenyl-phenylether	10.82	248	11445	4.384	ng	# 1
71) Phenanthrene	11.54	178	94275	7.486	ng	99
72) Anthracene	11.54	178	94275	7.469	ng	99
75) Fluoranthene	12.73	202	41863	3.275	ng	99
78) Pyrene	12.96	202	73006	6.076	ng	97
81) Benzo(a)anthracene	14.16	228	23965	2.411	ng	# 86
83) Chrysene	14.19	228	23055	2.442	ng	# 96
88) Benzo(b)fluoranthene	15.25	252	16658	2.328	ng	# 82
89) Benzo(k)fluoranthene	15.25	252	16658	2.368	ng	# 81
90) Benzo(a)pyrene	15.64	252	13881	2.108	ng	# 91

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

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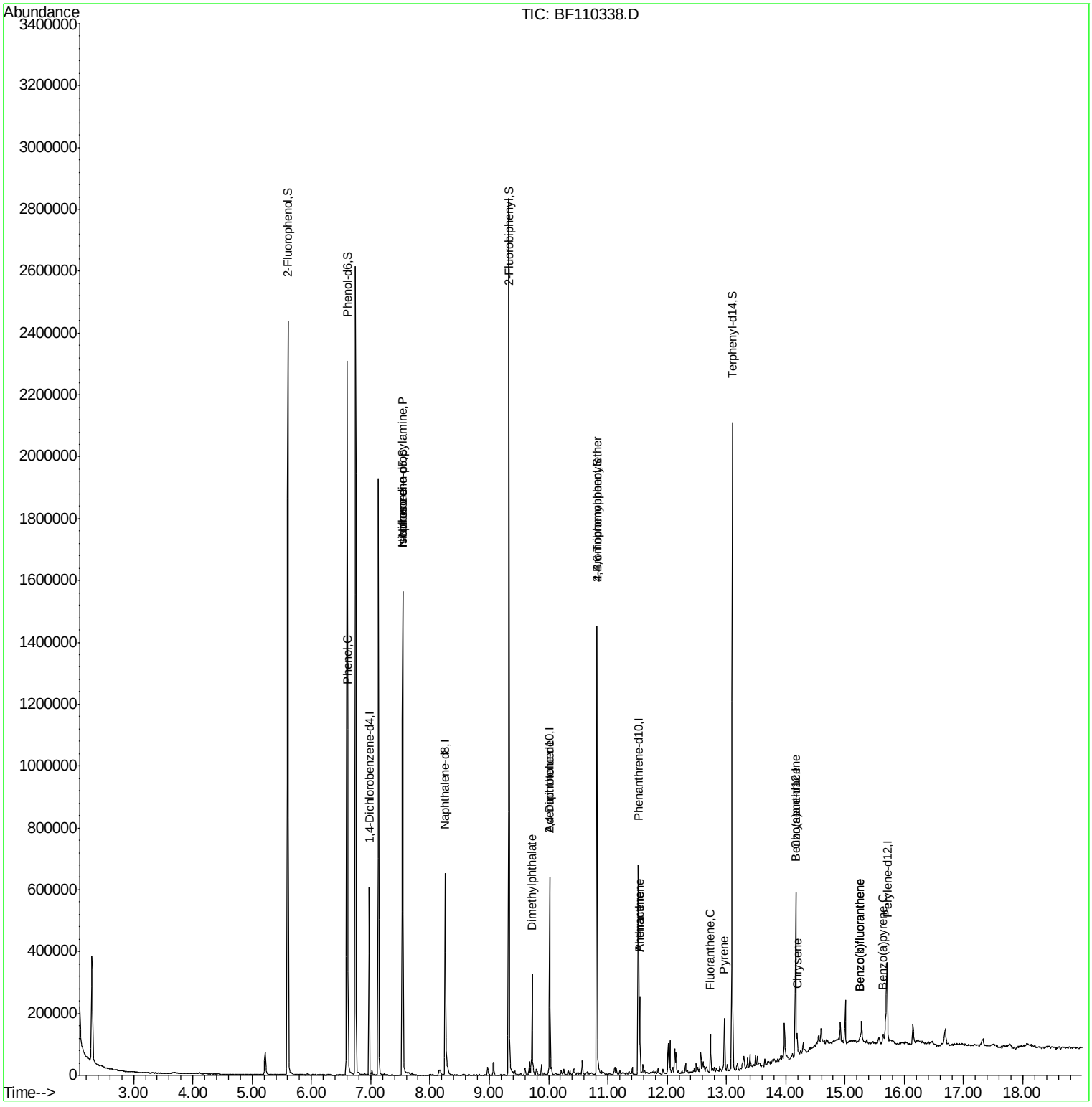
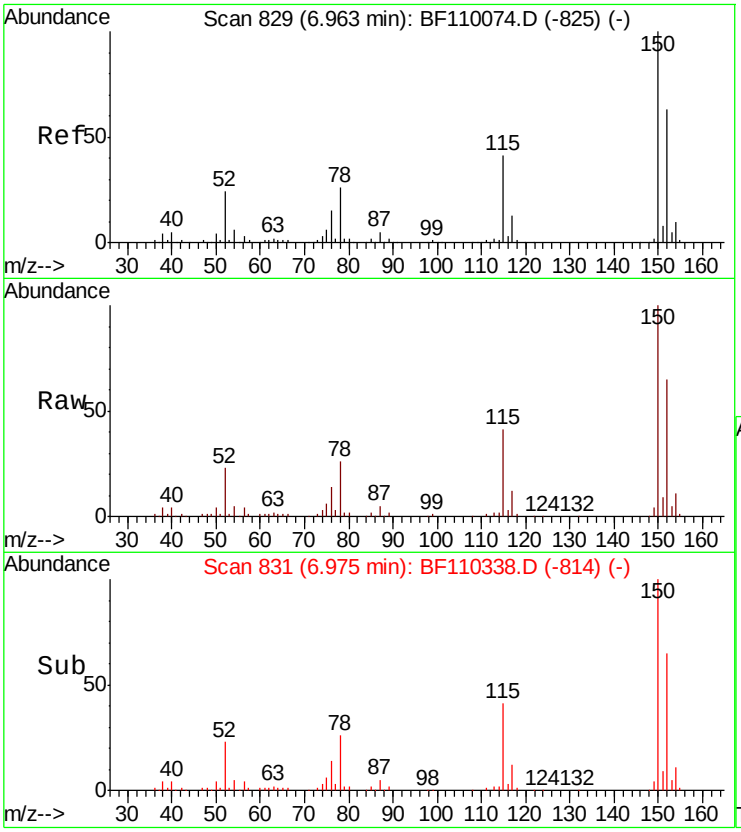
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 03:43:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration



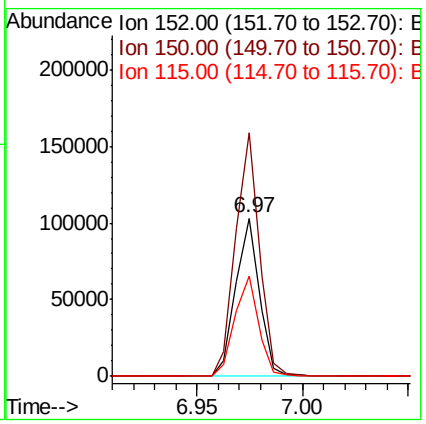


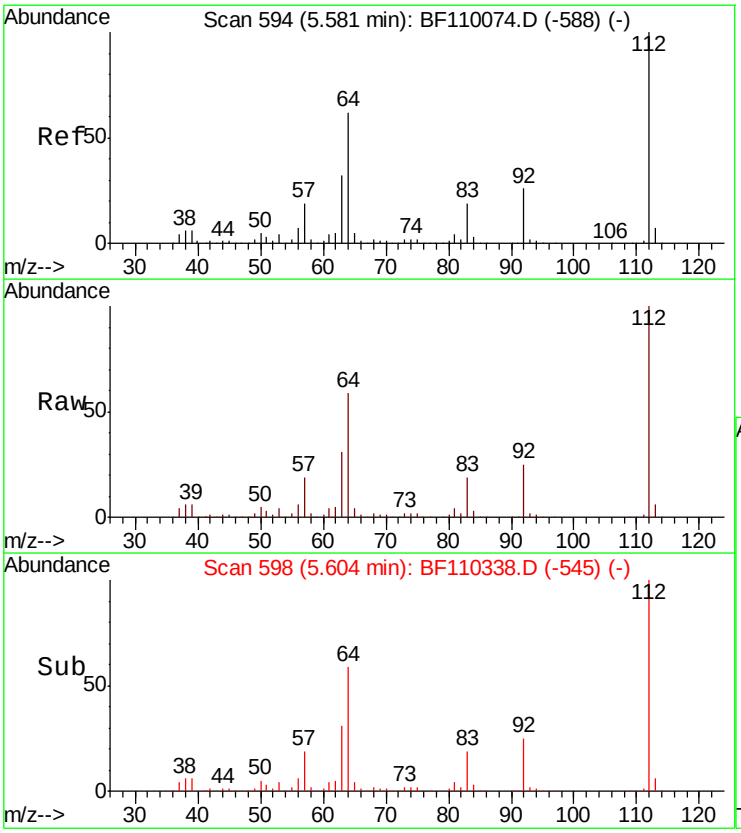
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 80223

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	63.1	49.1	73.7

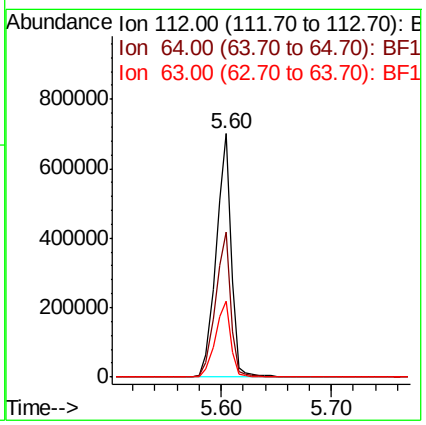


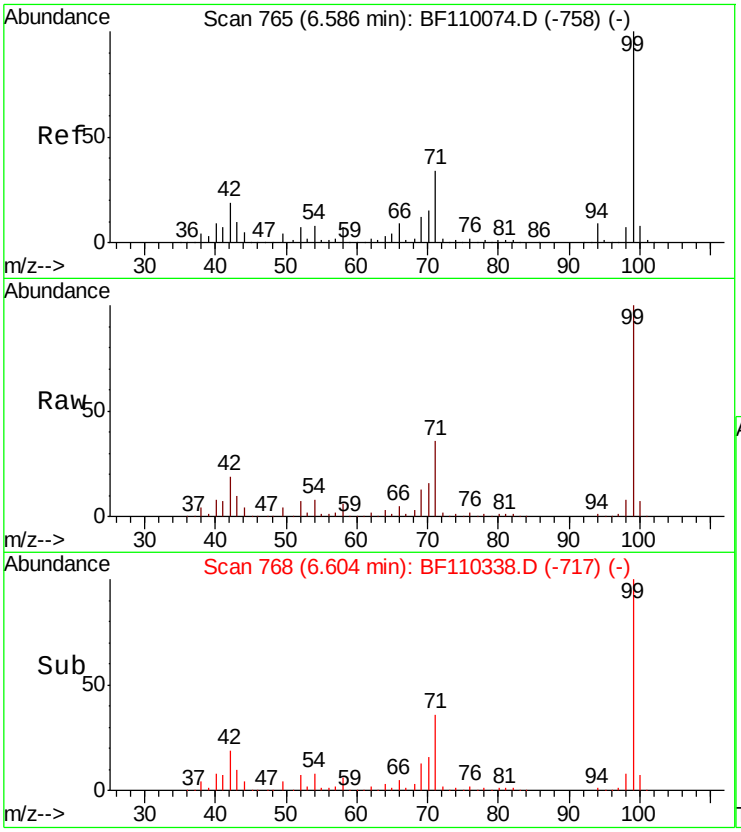


#5
2-Fluorophenol
Concen: 134.881 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:112 Resp: 664471

Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	31.3	23.7	35.5



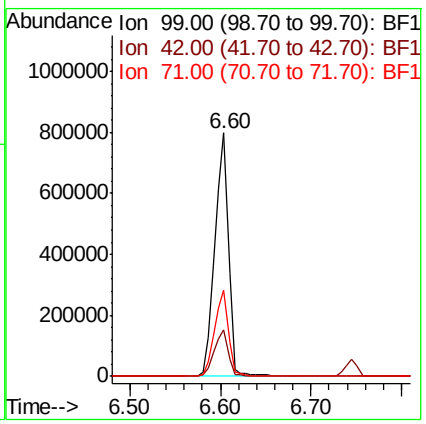


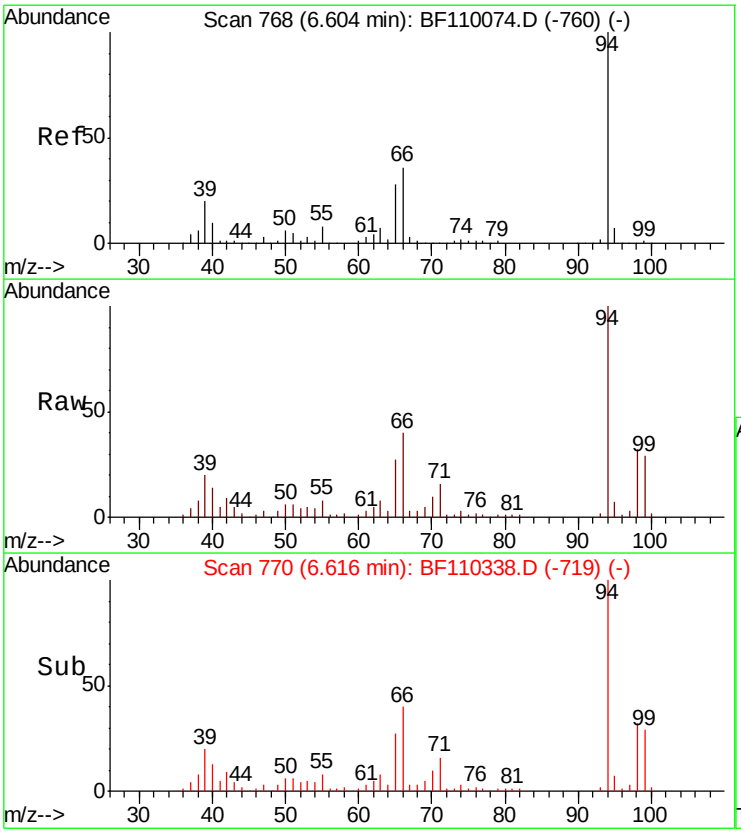
#7
Phenol-d6
Concen: 130.973 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 825280

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	35.6	28.0	42.0

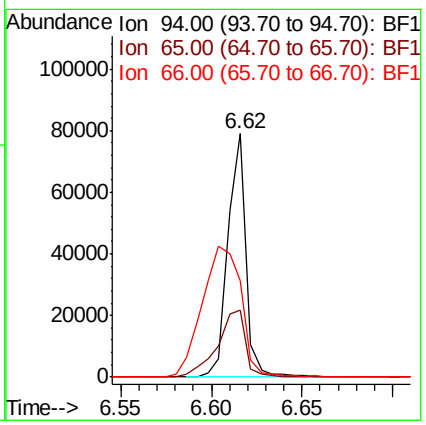


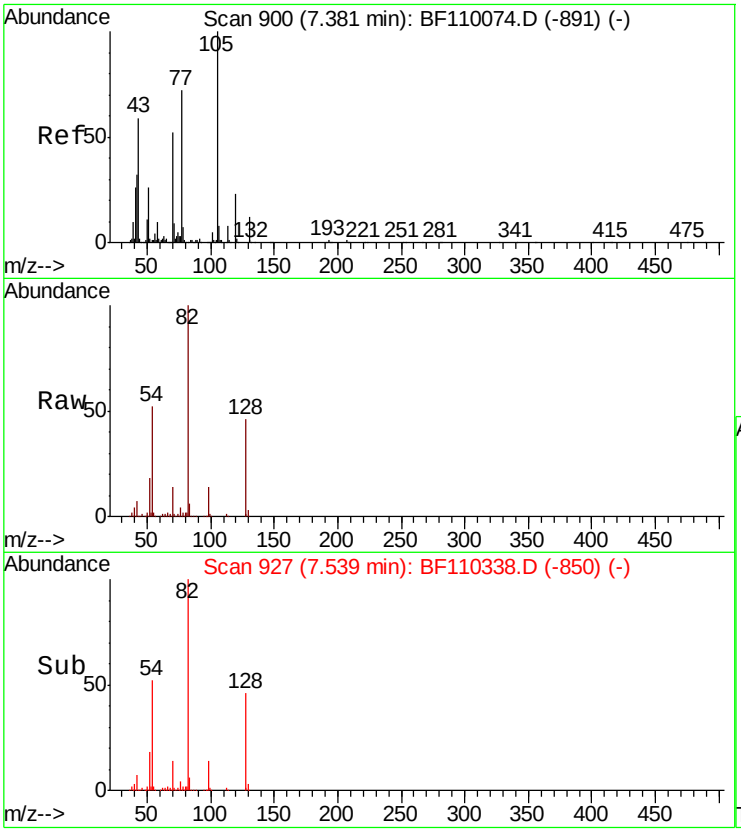


#10
Phenol
Concen: 8.212 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion: 94 Resp: 55313

Ion	Ratio	Lower	Upper
94	100		
65	27.3	25.3	65.3
66	39.5	54.5	94.5#



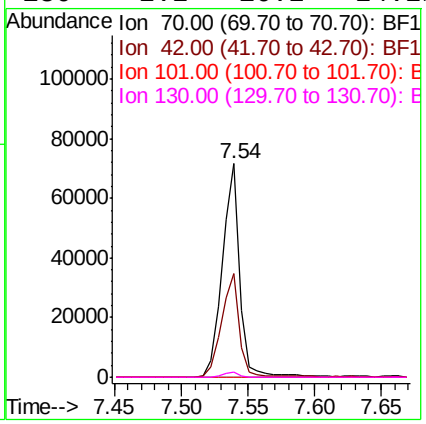


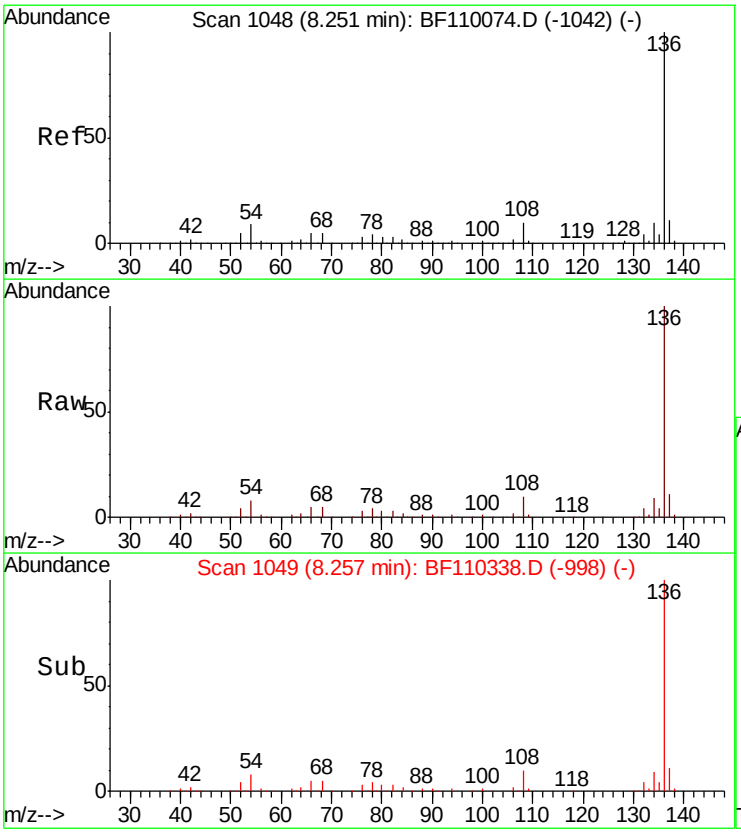
#19
n-Nitroso-di-n-propylamine
Concen: 16.438 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66449

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

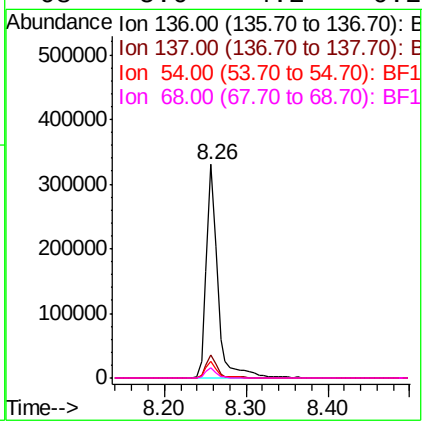


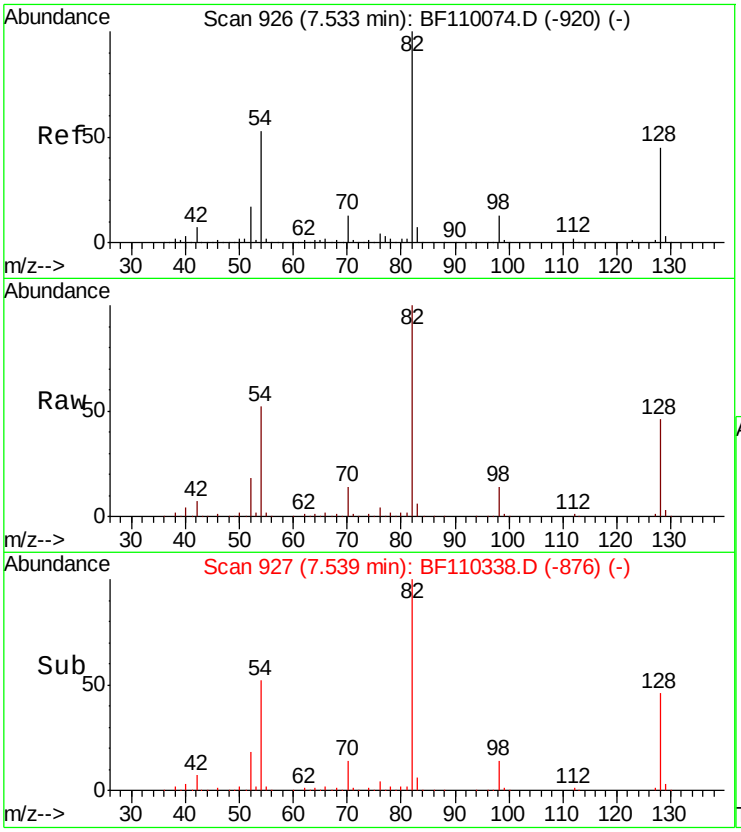


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:136 Resp: 320056

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	5.4	8.2
68	5.0	4.2	6.2



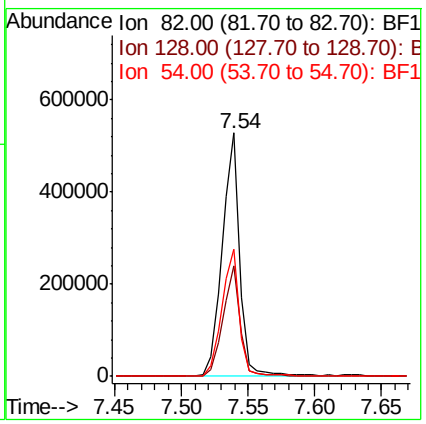


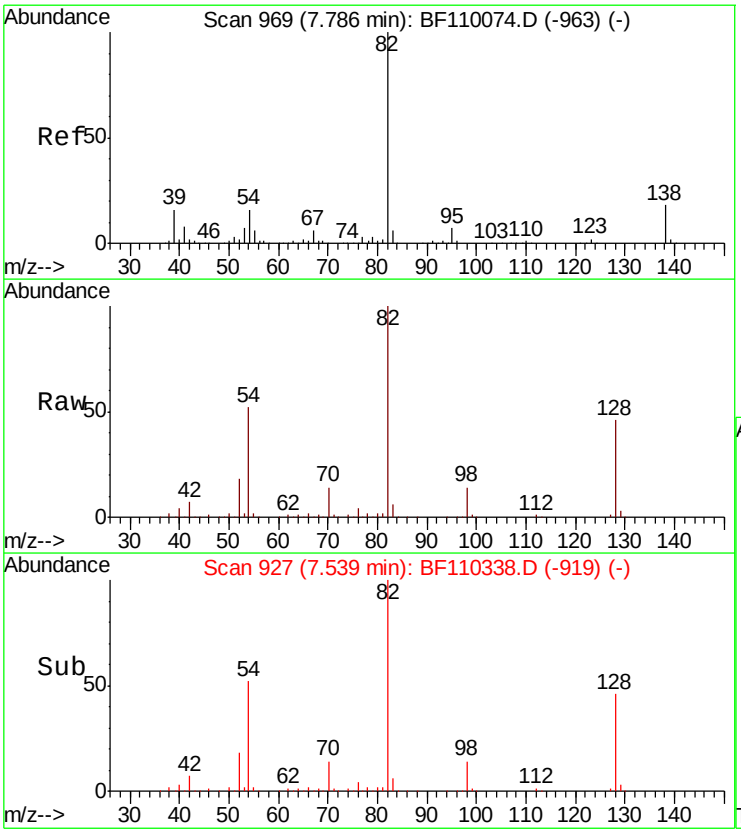
#23
Nitrobenzene-d5
Concen: 91.163 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 491921

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.1	38.6	58.0

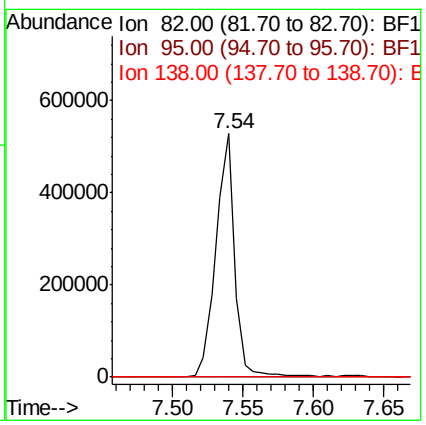


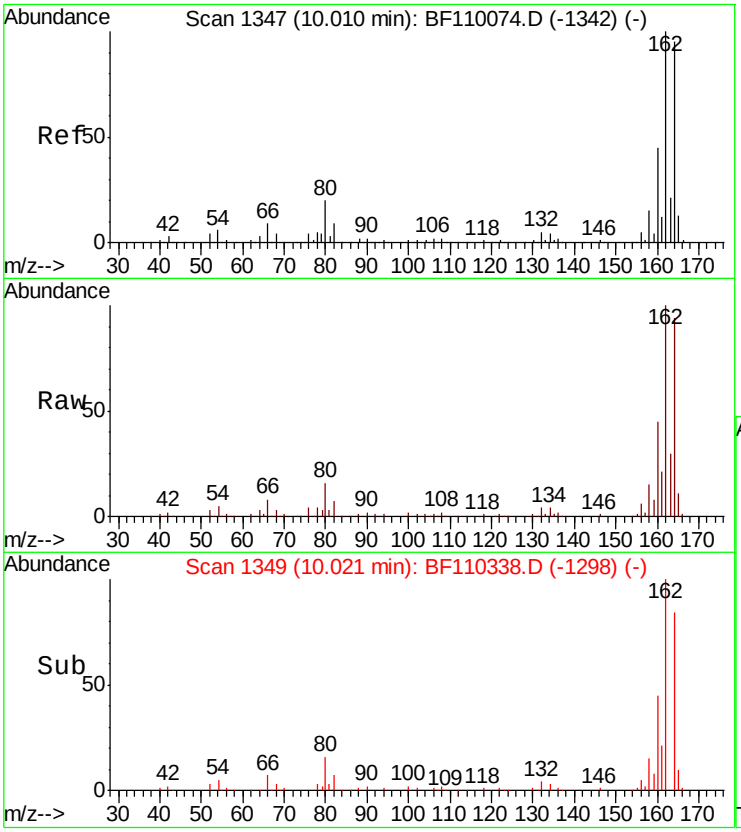


#25
Isophorone
Concen: 53.480 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion: 82 Resp: 491913

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



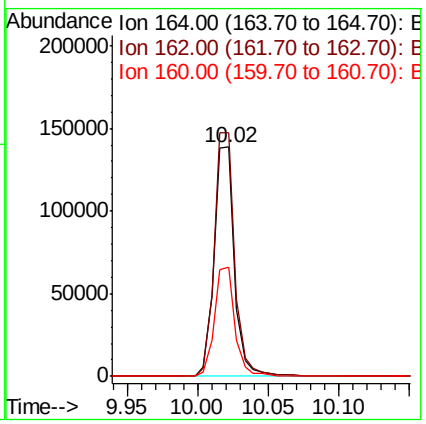


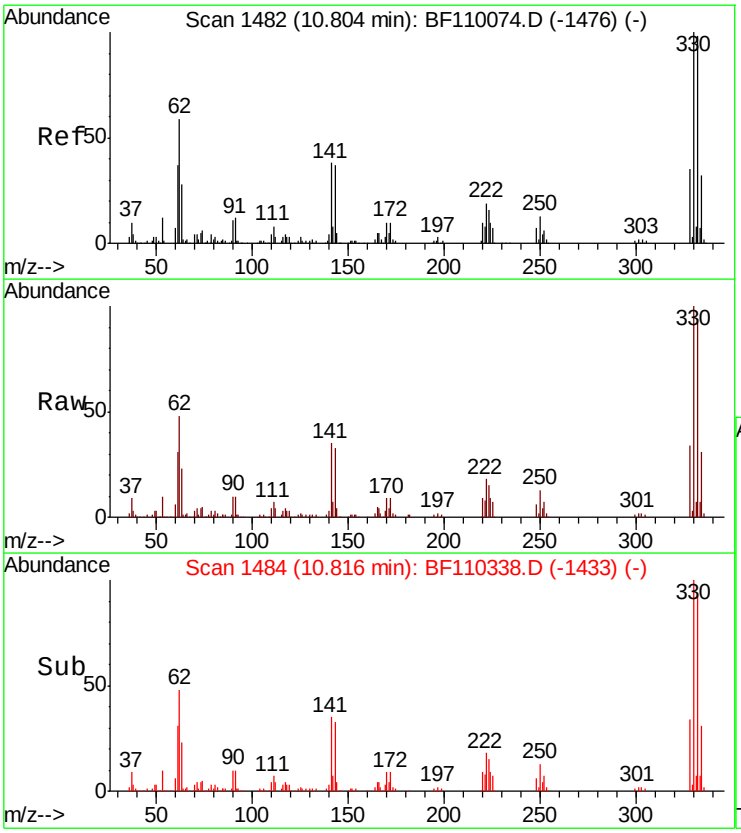
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138683

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.6
160	47.6	37.0	55.6

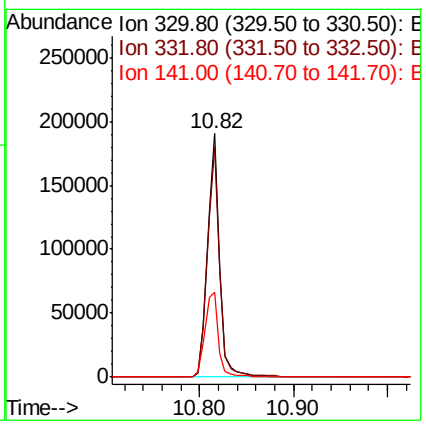


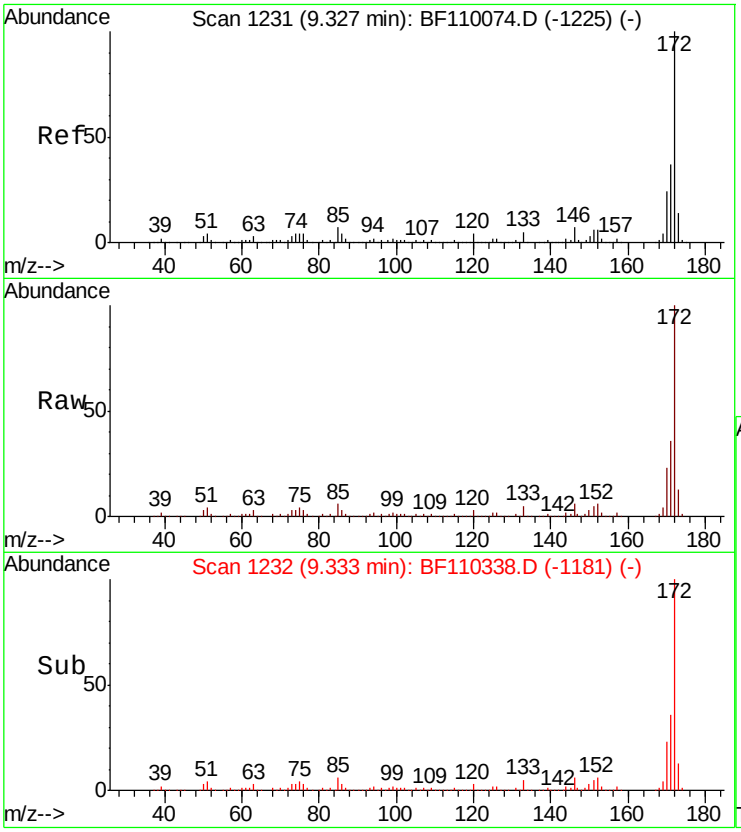


#42
2,4,6-Tribromophenol
Concen: 126.588 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:330 Resp: 173900

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.9	27.0	40.4



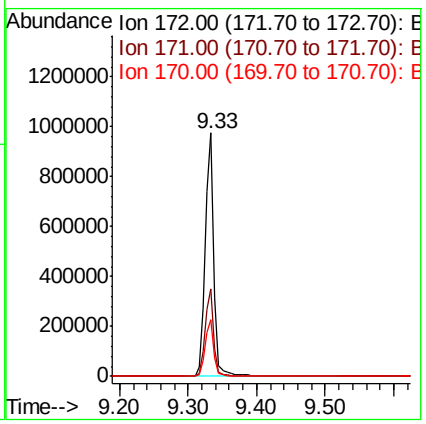


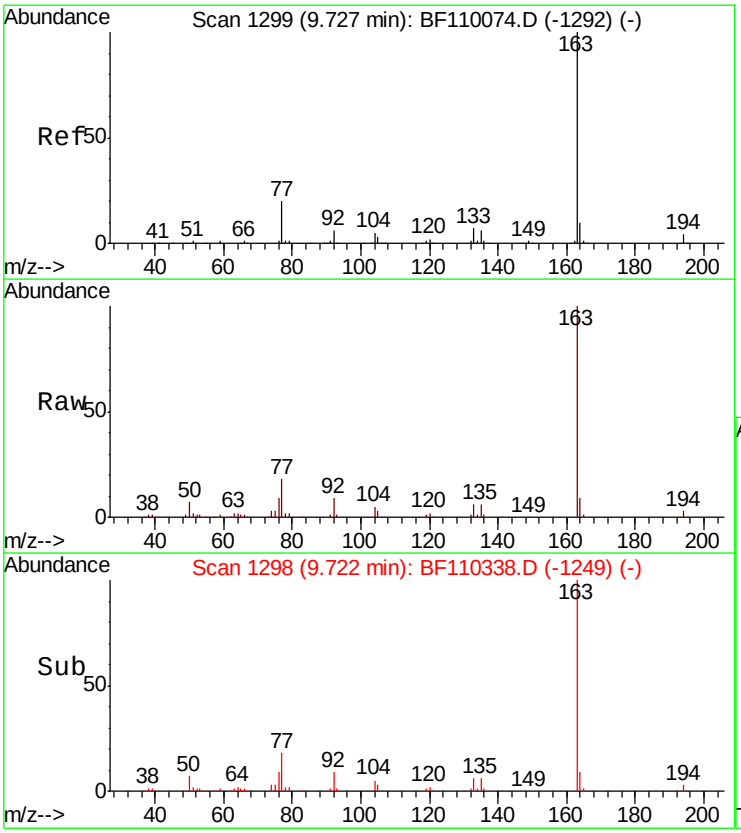
#45
2-Fluorobiphenyl
Concen: 99.514 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 878896

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	19.7	29.5

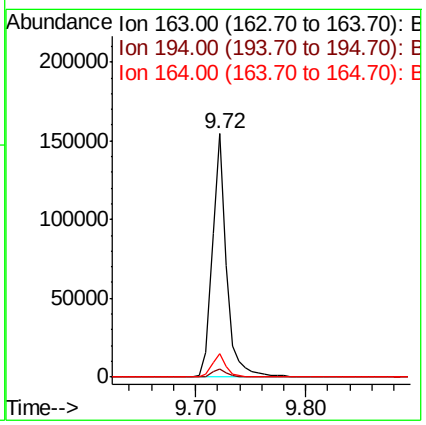


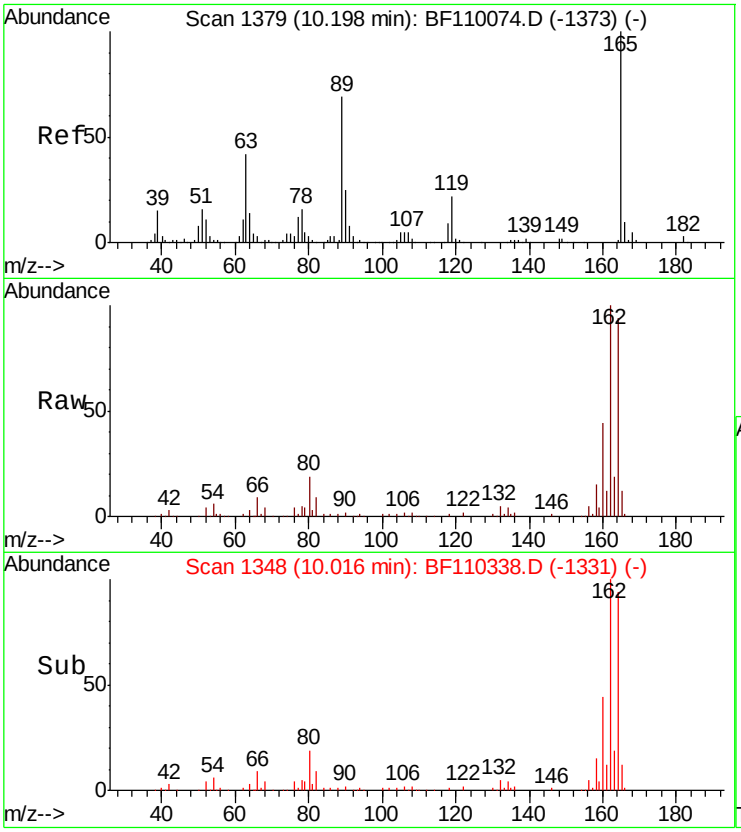


#50
Dimethylphthalate
Concen: 13.184 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:163 Resp: 134971

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8#
164	9.5	8.1	12.1



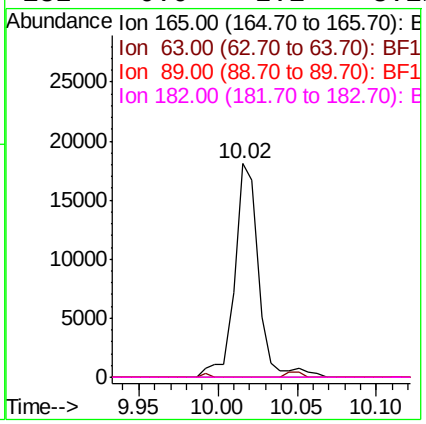


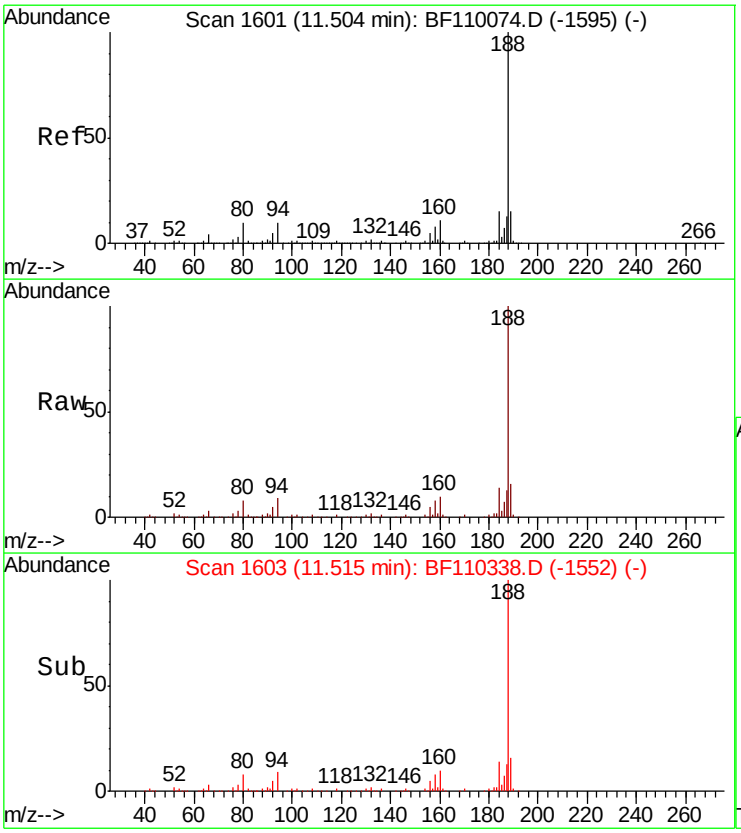
#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.20 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18986

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

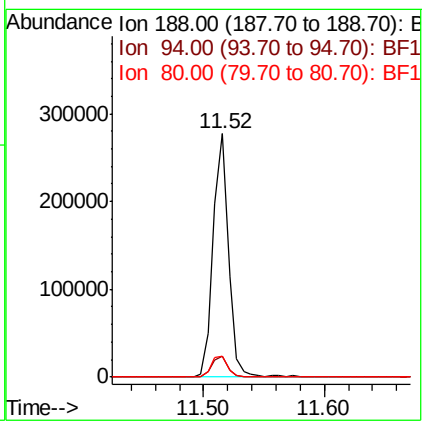


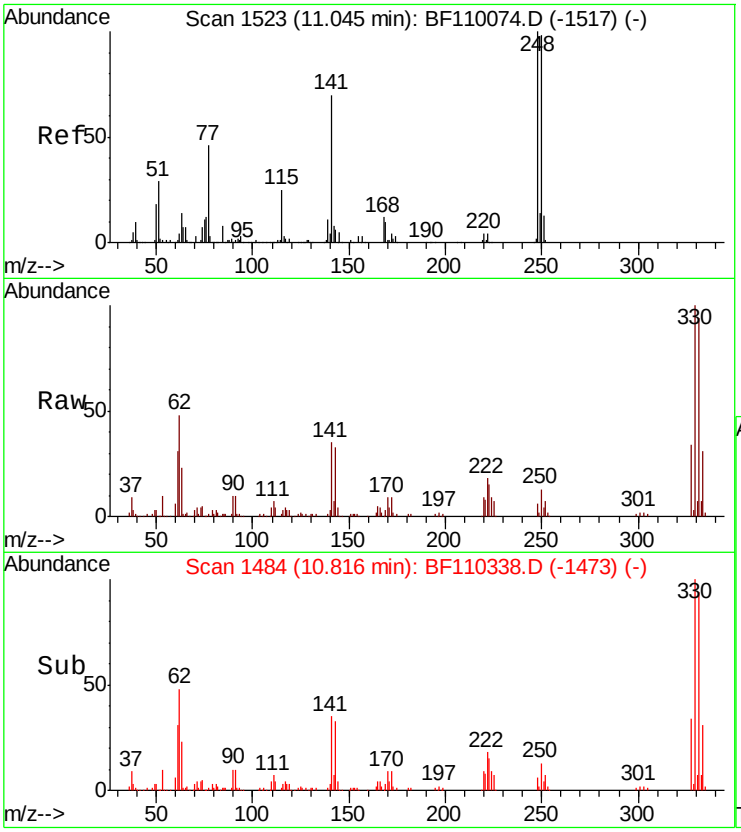


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:188 Resp: 240678

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.5	7.9	11.9



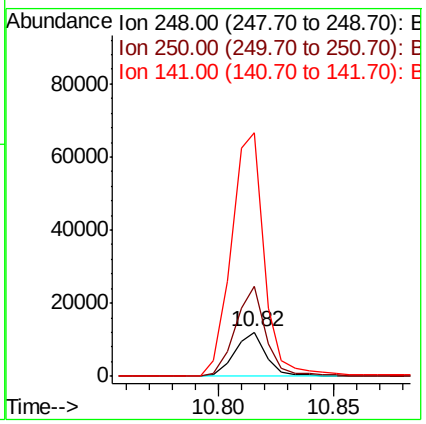


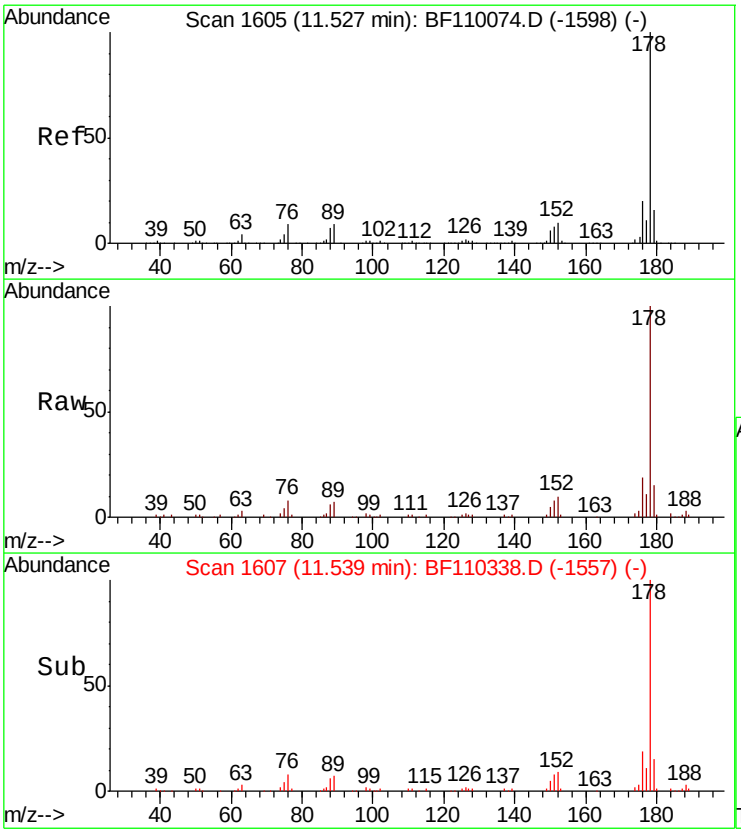
#67
4-Bromophenyl-phenylether
Concen: 4.384 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.24 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11445

Ion	Ratio	Lower	Upper
248	100		
250	205.3	79.4	119.2#
141	553.2	55.9	83.9#

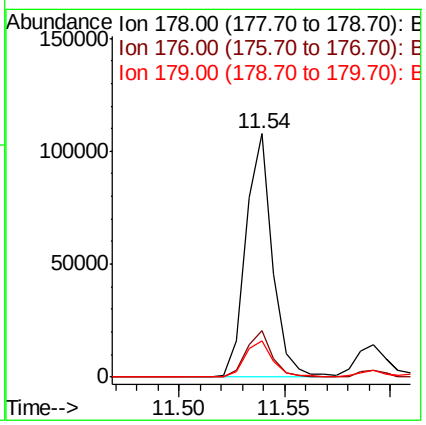


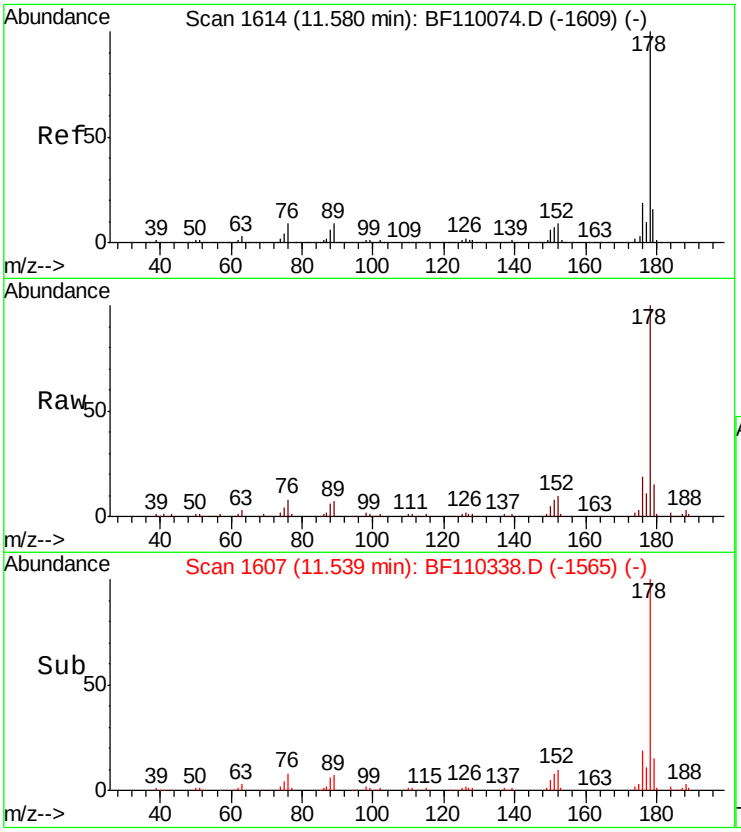


#71
Phenanthrene
Concen: 7.486 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:178 Resp: 94275

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.0	12.5	18.7



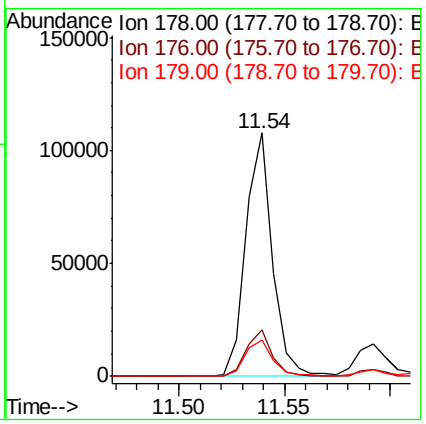


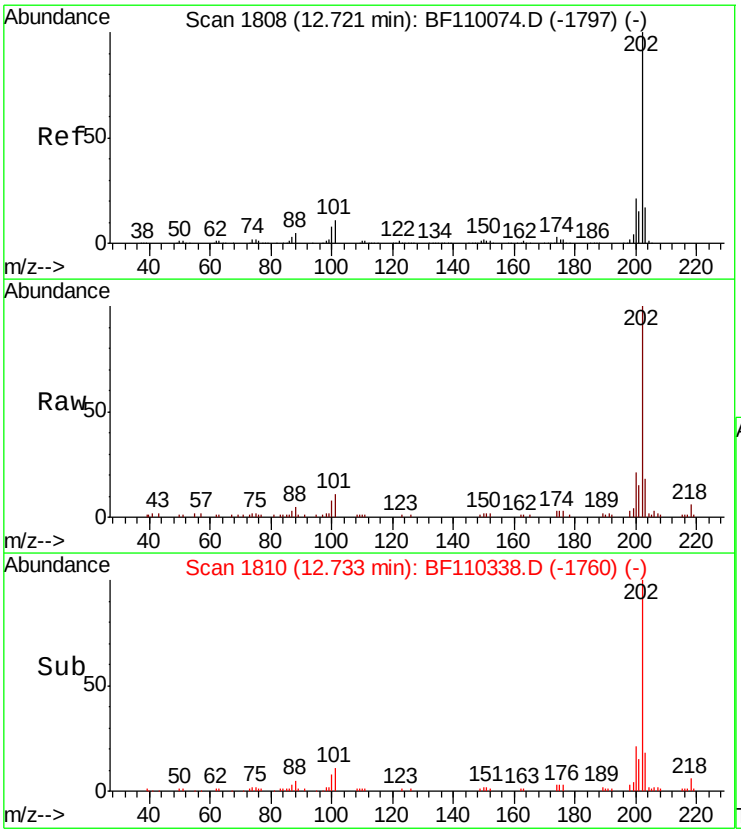
#72
Anthracene
Concen: 7.469 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.05 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 94275

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.0	12.6	18.8

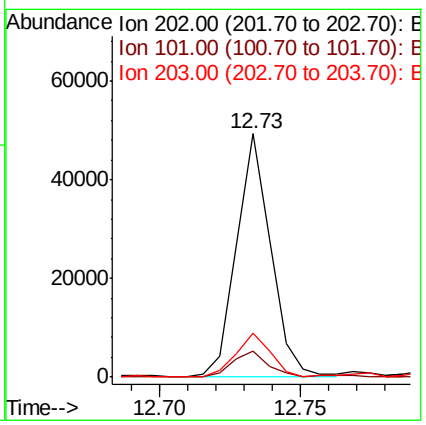


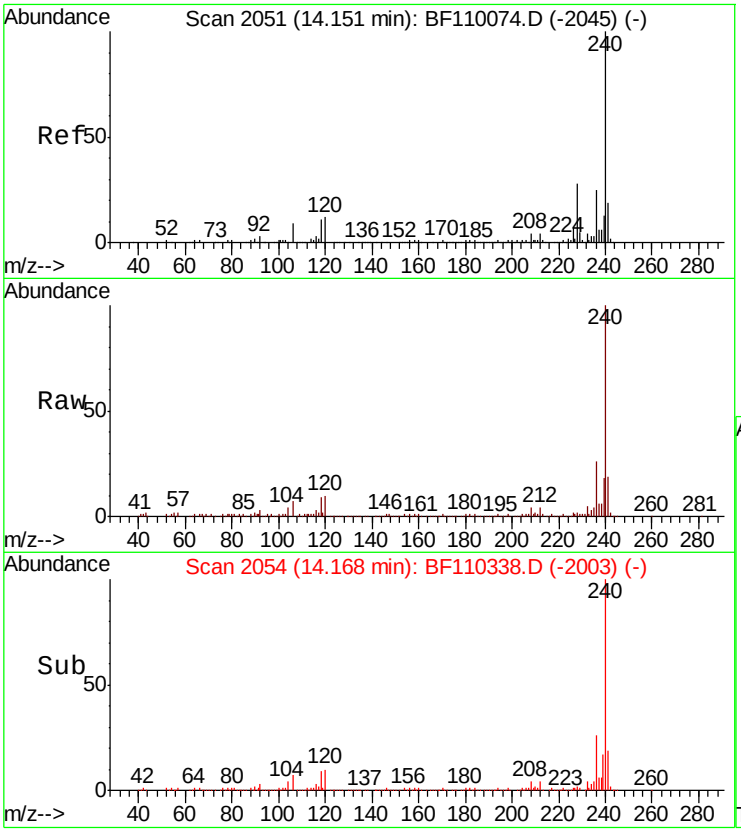


#75
Fluoranthene
Concen: 3.275 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:202 Resp: 41863

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.9	0.0	37.7



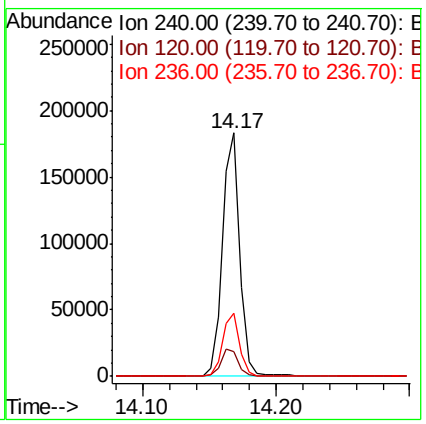


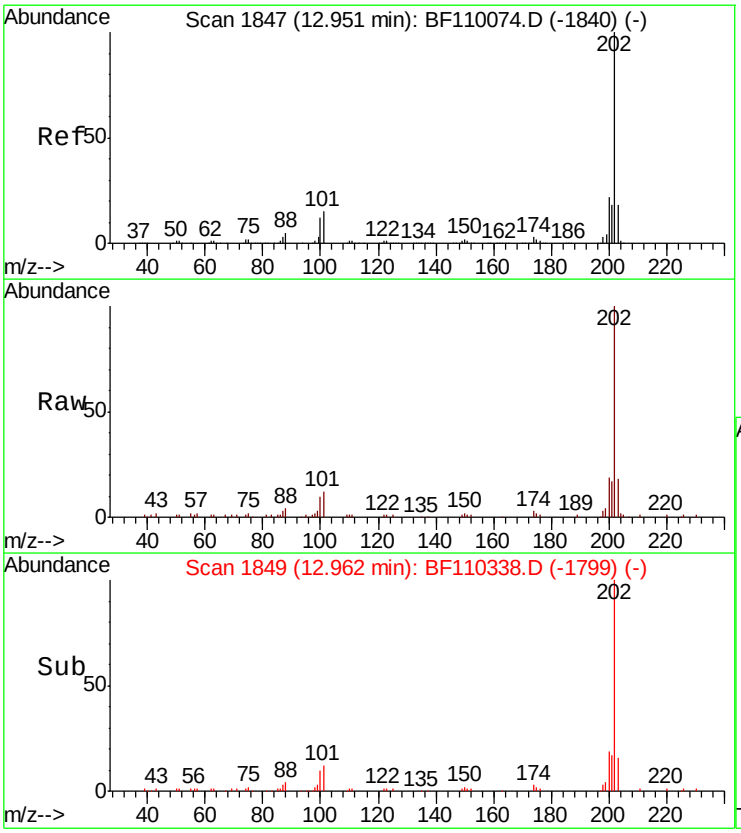
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 167606

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.3	12.5
236	25.8	21.2	31.8

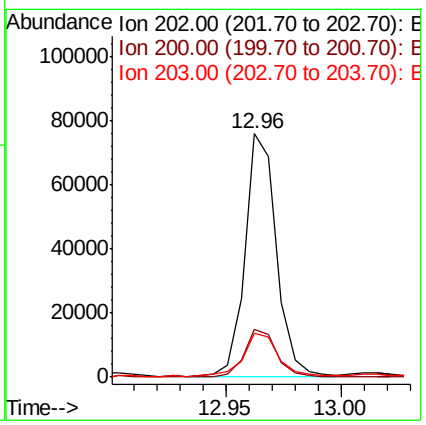


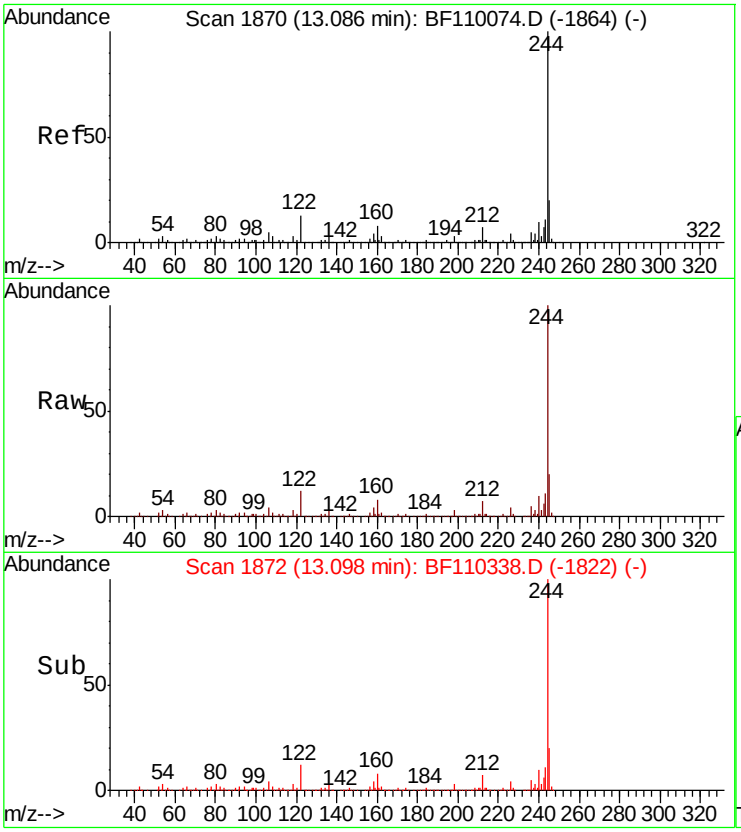


#78
Pyrene
Concen: 6.076 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:202 Resp: 73006

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.8	26.6
203	18.0	14.2	21.4



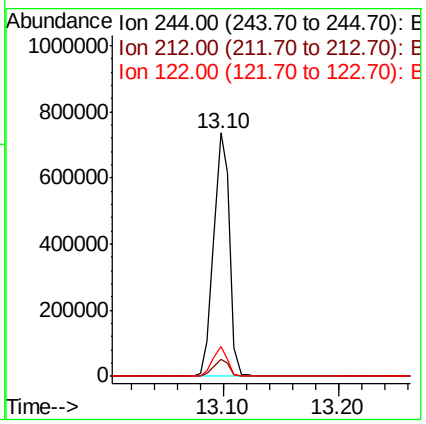


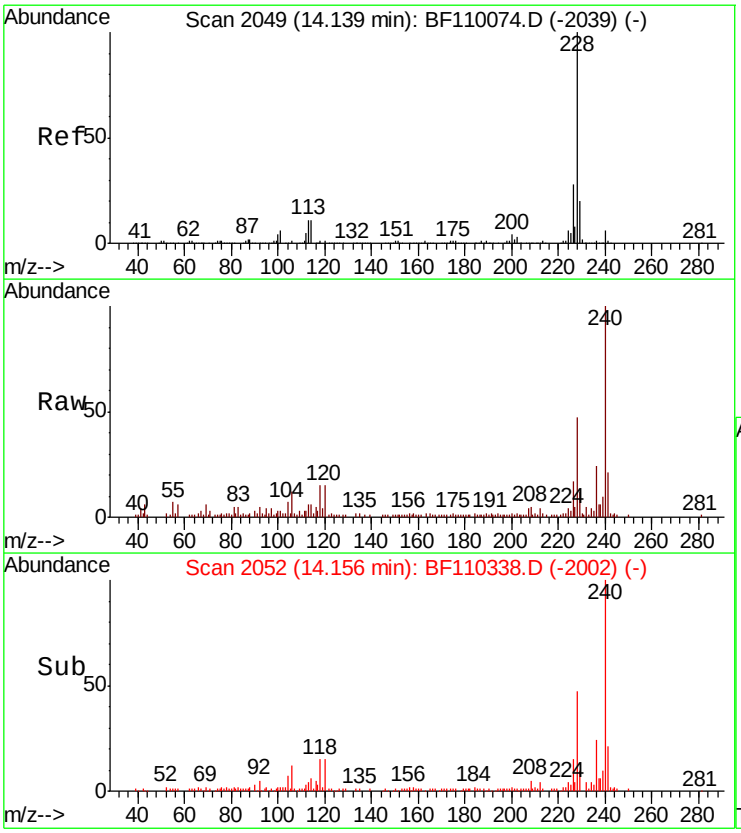
#79
Terphenyl-d14
Concen: 86.741 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 699055

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	8.7	13.1

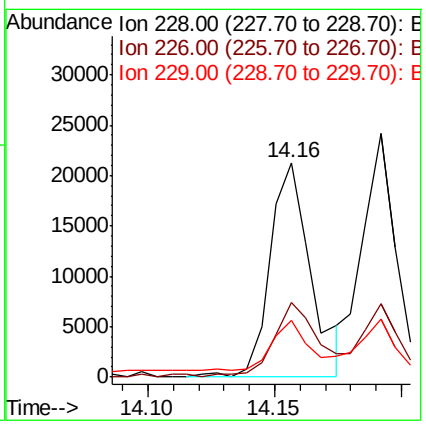


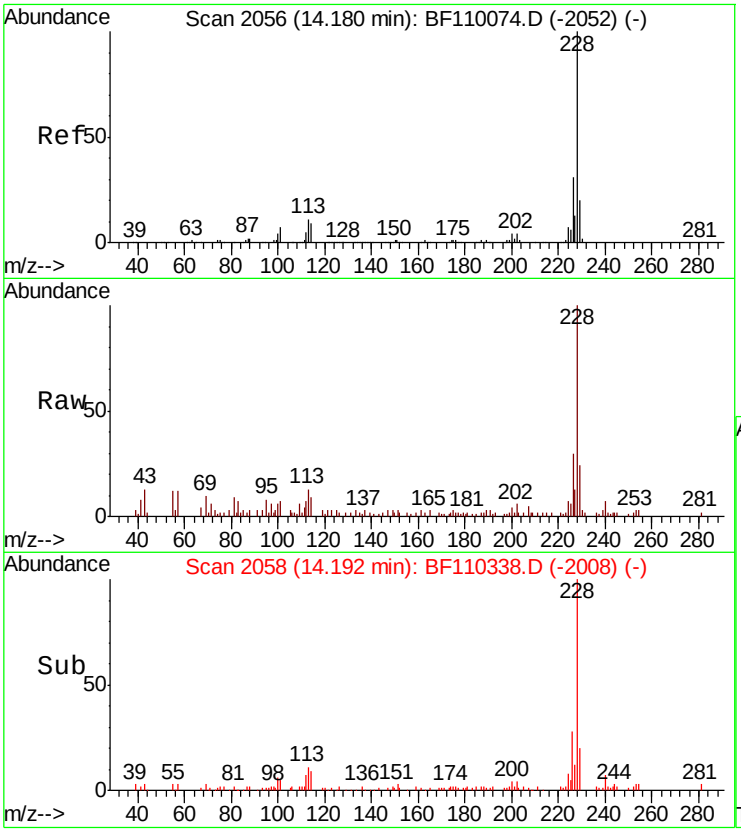


#81
Benzo(a)anthracene
Concen: 2.411 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:228 Resp: 23965

Ion	Ratio	Lower	Upper
228	100		
226	34.9	22.1	33.1#
229	26.3	15.6	23.4#



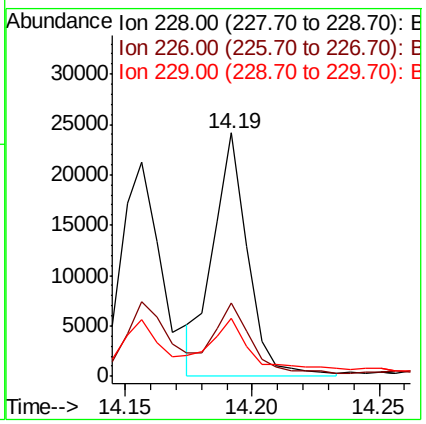


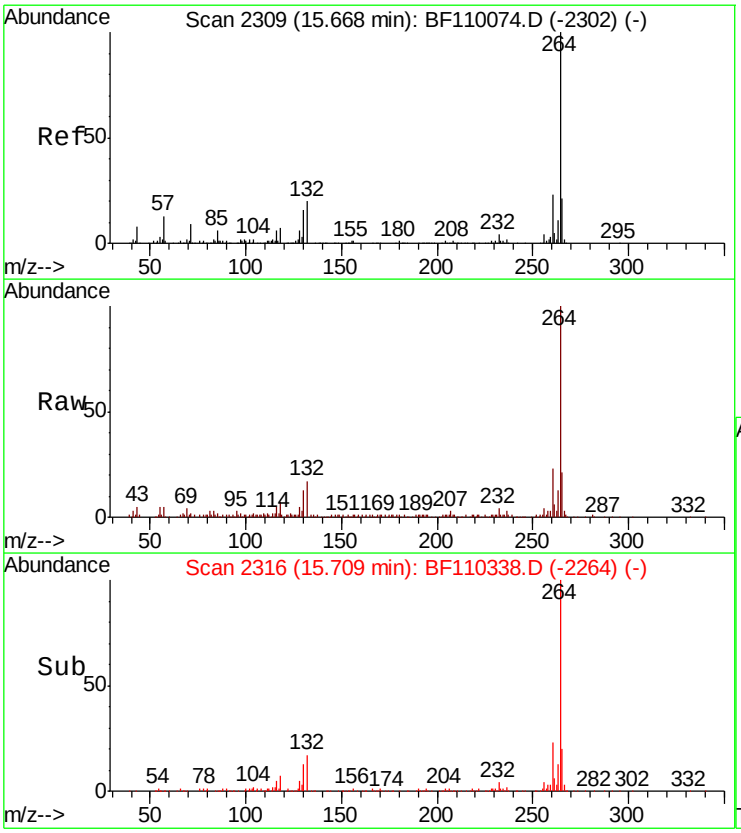
#83
Chrysene
Concen: 2.442 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 23055

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	24.0	15.9	23.9#

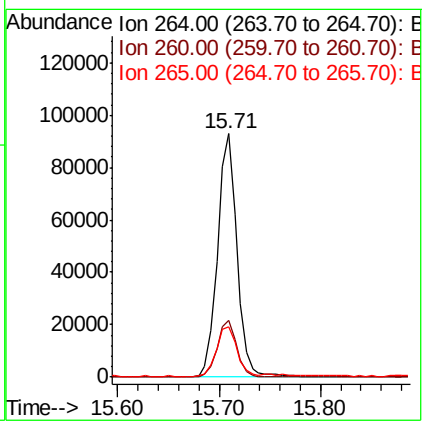


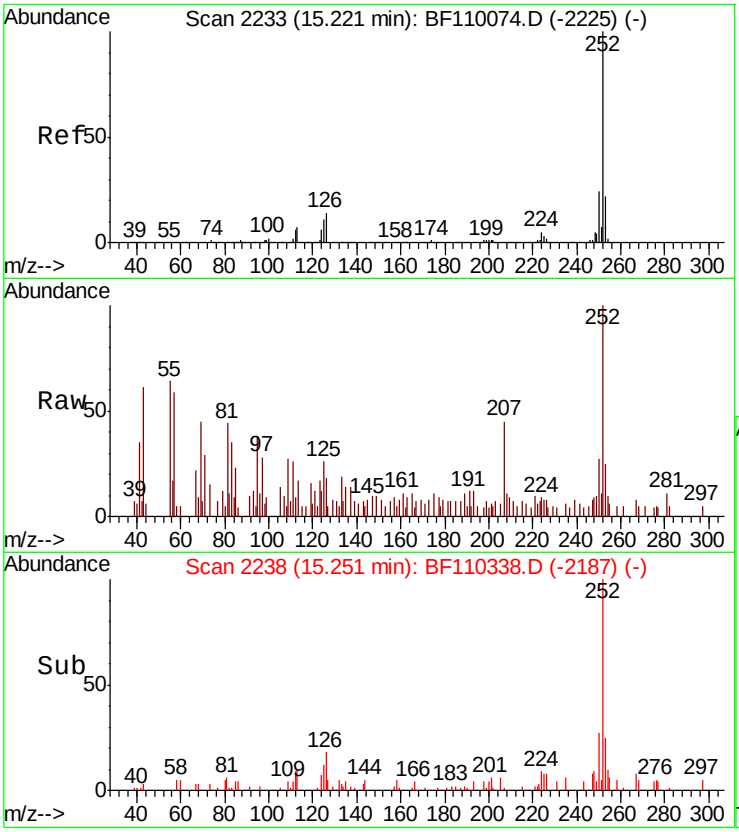


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:264 Resp: 123900

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.8	16.7	25.1



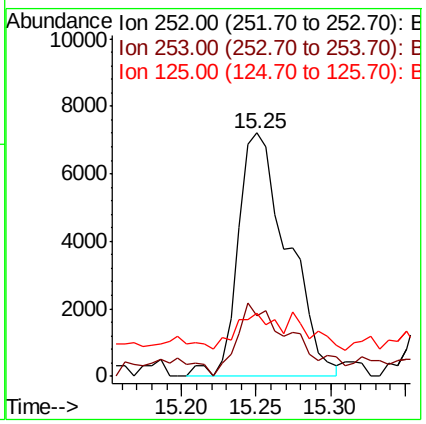


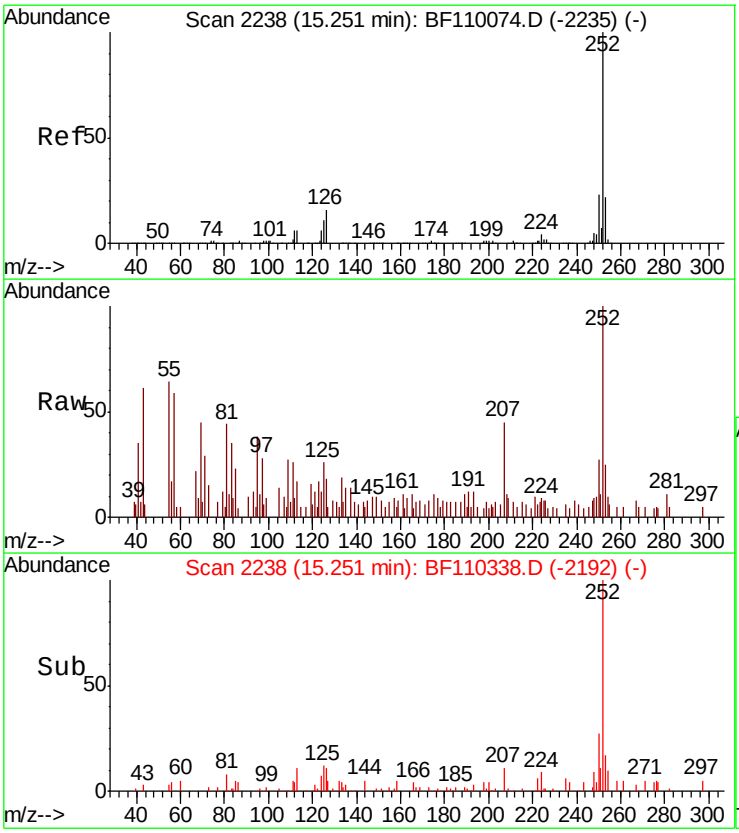
#88
Benzo(b)fluoranthene
Concen: 2.328 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 16658

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	25.8	8.2	12.4#

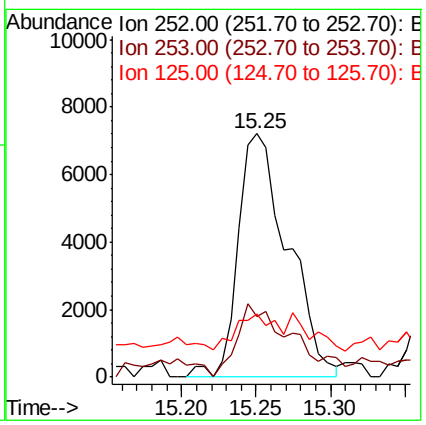


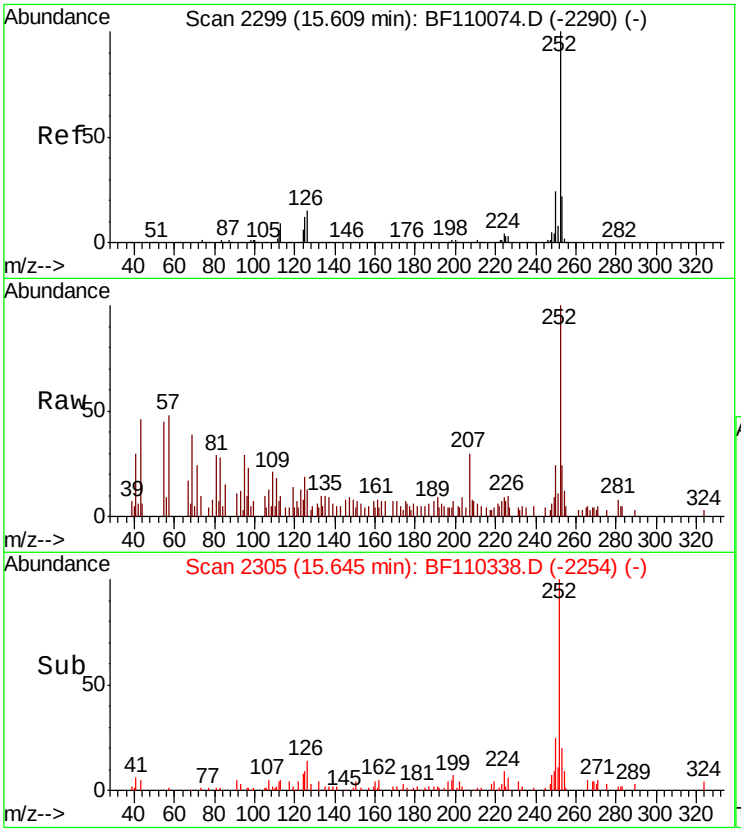


#89
Benzo(k)fluoranthene
Concen: 2.368 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.03 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Tgt Ion:252 Resp: 16658

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	25.8	7.4	11.0#





#90
Benzo(a)pyrene
Concen: 2.108 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF110338.D
Acq: 31 Oct 2018 17:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 13881

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	19.3	9.0	13.6#