Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110569.D
Acq On : 7 Nov 2018 21:28
Operator : JU/SJ
Sample : J5813-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 08 16:23:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64209	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	224808	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	85246	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	153430	20.00	ng		0.00
76) Chrysene-d12	14.14	240	156994	20.00	ng		0.00
87) Perylene-d12	15.67	264	103822	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	345038	87.51	ng		0.00
7) Phenol-d6	6.57	99	410717	81.44	ng		0.00
23) Nitrobenzene-d5	7.52	82	245249	64.71	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	70615	83.63	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	390248	71.88	ng		-0.01
79) Terphenyl-d14	13.07	244	362830	48.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	649	Below Cal		#	1
10) Phenol	6.59	94	24851	4.610	ng	#	69
19) n-Nitroso-di-n-propylamine	7.52	70	32128	9.930	ng	#	79
25) Isophorone	7.52	82	245249	37.960	ng	#	67
50) Dimethylphthalate	9.70	163	52200	8.295	ng		100
57) 2,4-Dinitrotoluene	9.99	165	10523	6.112	ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	4417	2.654	ng	#	1
71) Phenanthrene	11.51	178	24513	3.053	ng		97
72) Anthracene	11.51	178	24513	3.046	ng		97
75) Fluoranthene	12.70	202	62154	7.628	ng		98
78) Pyrene	12.94	202	51142	4.544	ng		97
81) Benzo(a)anthracene	14.13	228	22379	2.404	ng		97
83) Chrysene	14.16	228	25697	2.906	ng		97
88) Benzo(b)fluoranthene	15.22	252	36035	6.010	ng	#	83
89) Benzo(k)fluoranthene	15.22	252	36035	6.114	ng	#	82
90) Benzo(a)pyrene	15.60	252	14383	2.607	ng	#	87
92) Benzo(g,h,i)perylene	17.73	276	10433	2.224	ng	#	93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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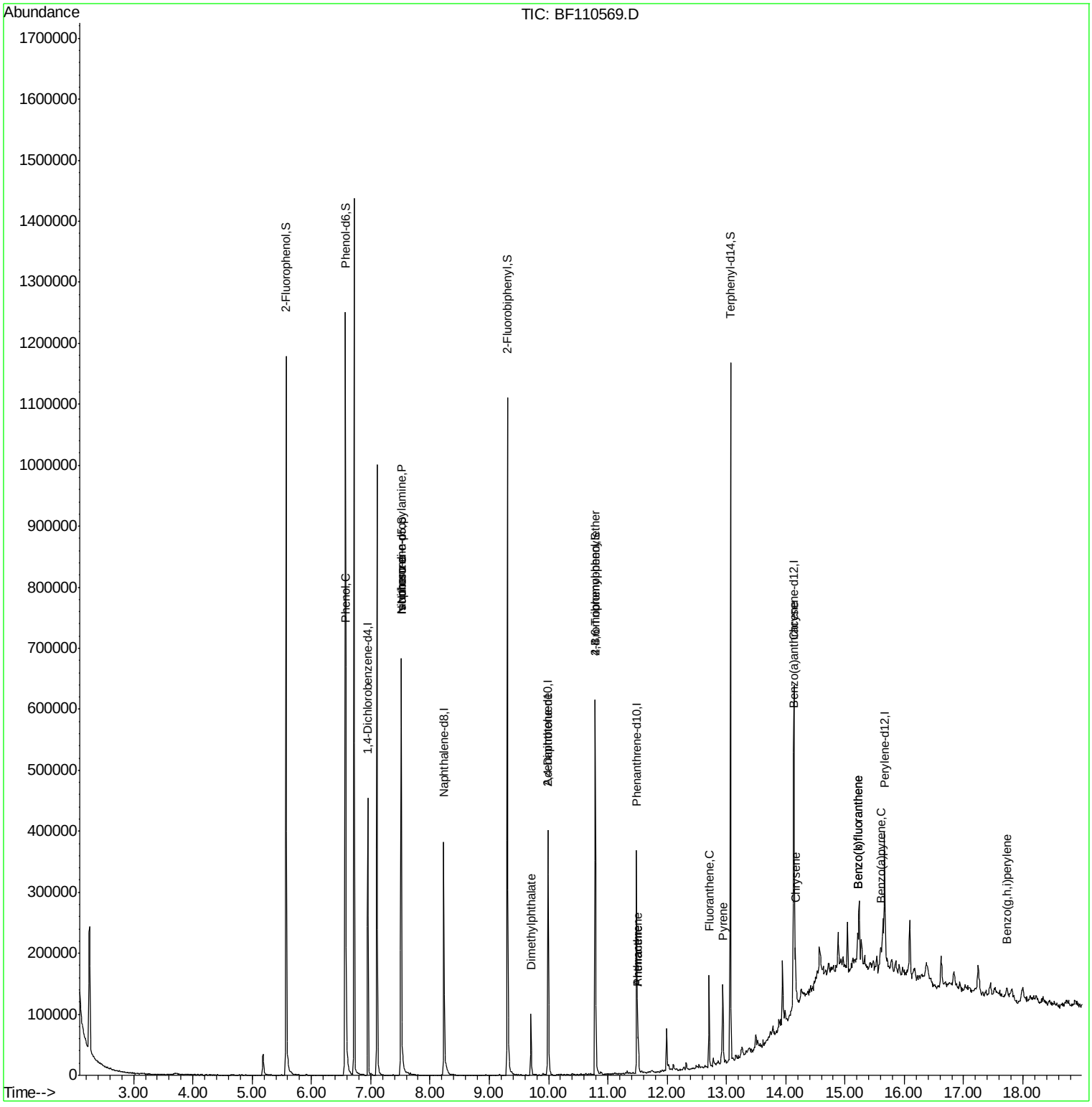
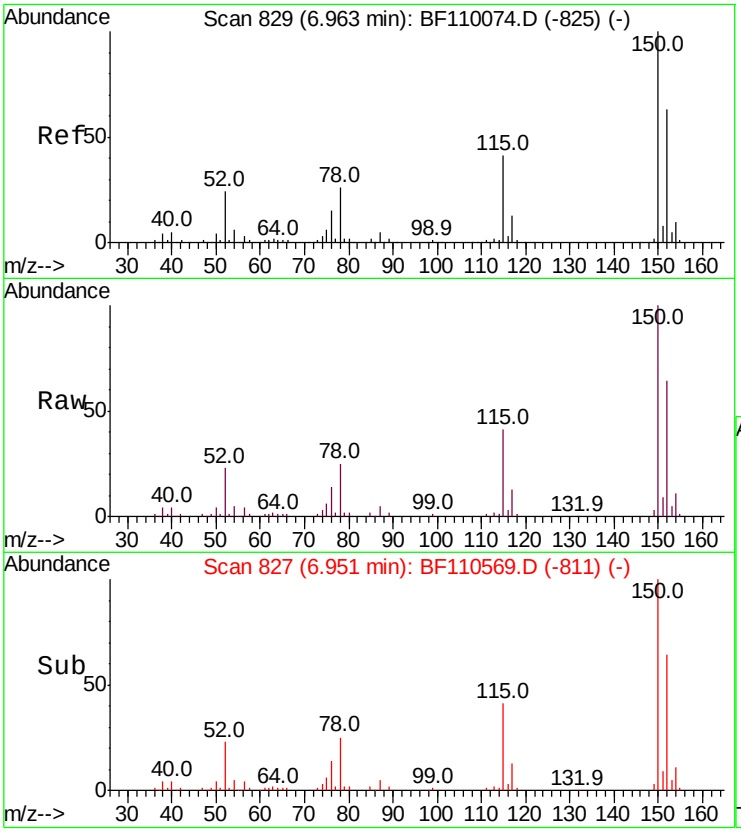


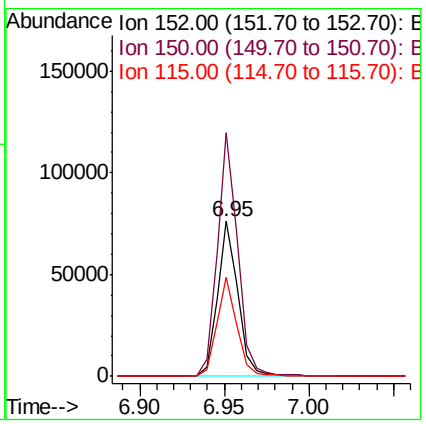


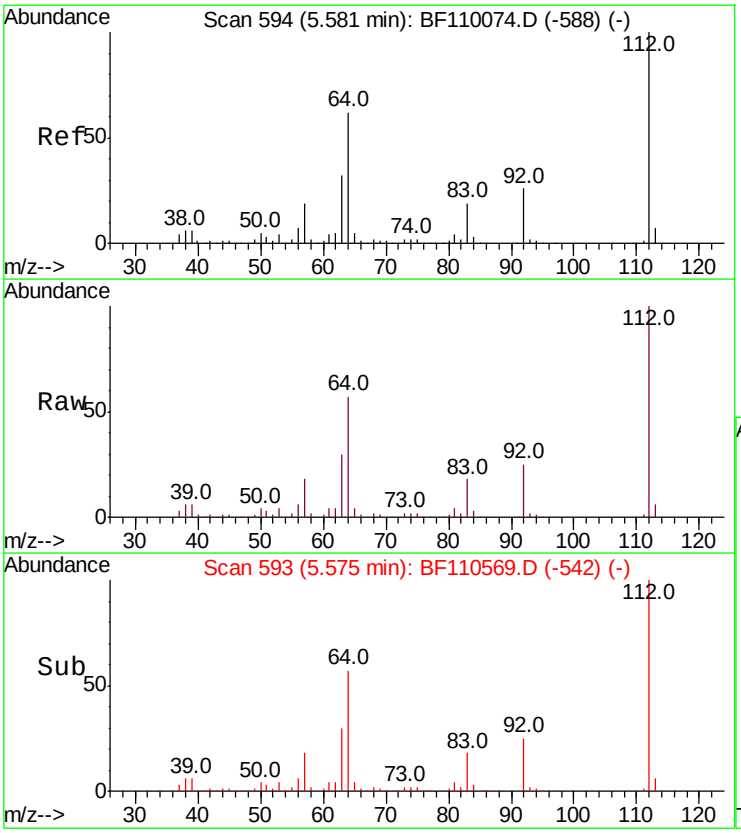
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64209

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	64.0	49.1	73.7

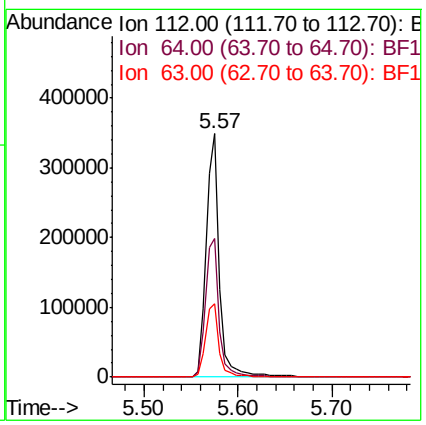


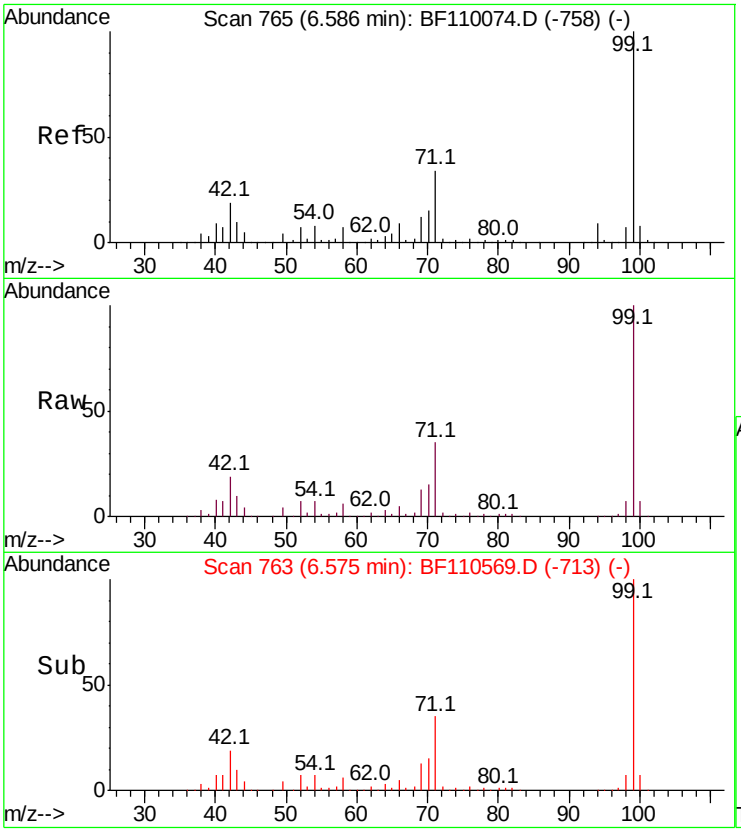


#5
2-Fluorophenol
Concen: 87.508 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:112 Resp: 345038

Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.4	23.7	35.5



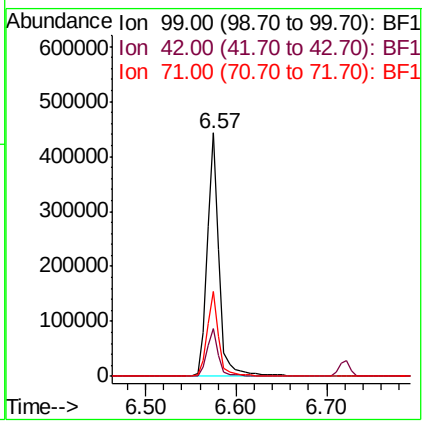


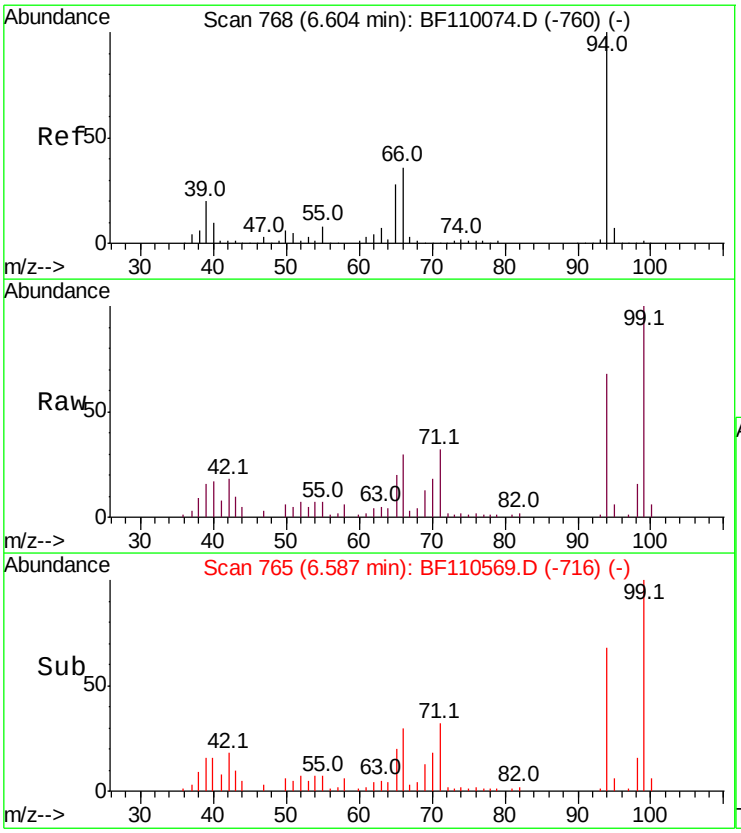
#7
Phenol-d6
Concen: 81.438 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 410717

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	35.0	28.0	42.0

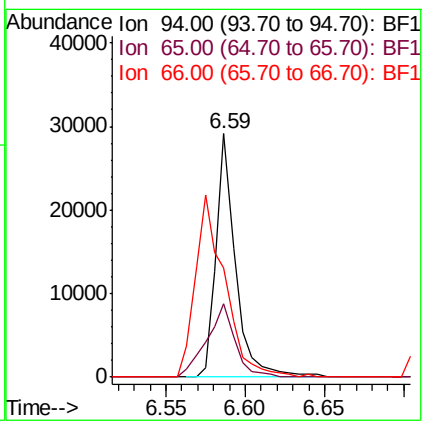


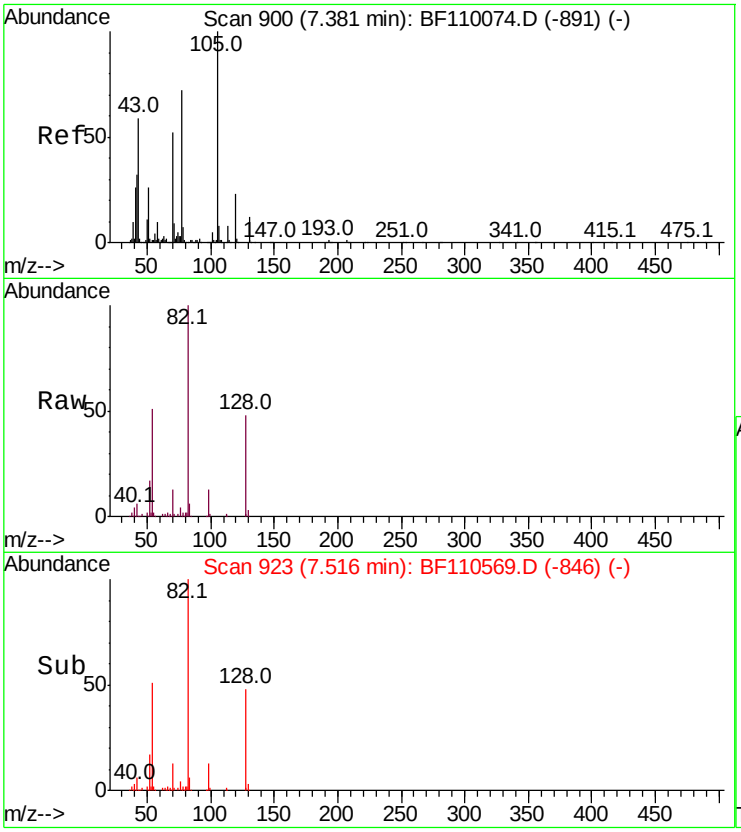


#10
Phenol
Concen: 4.610 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion: 94 Resp: 24851

Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	44.7	54.5	94.5#



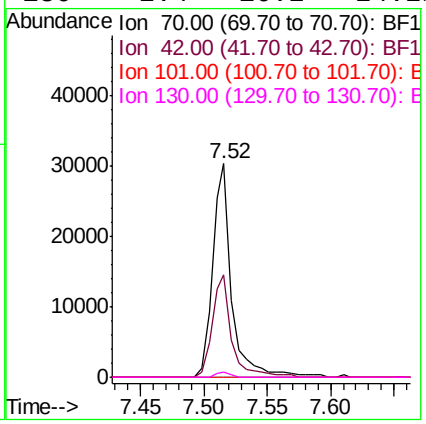


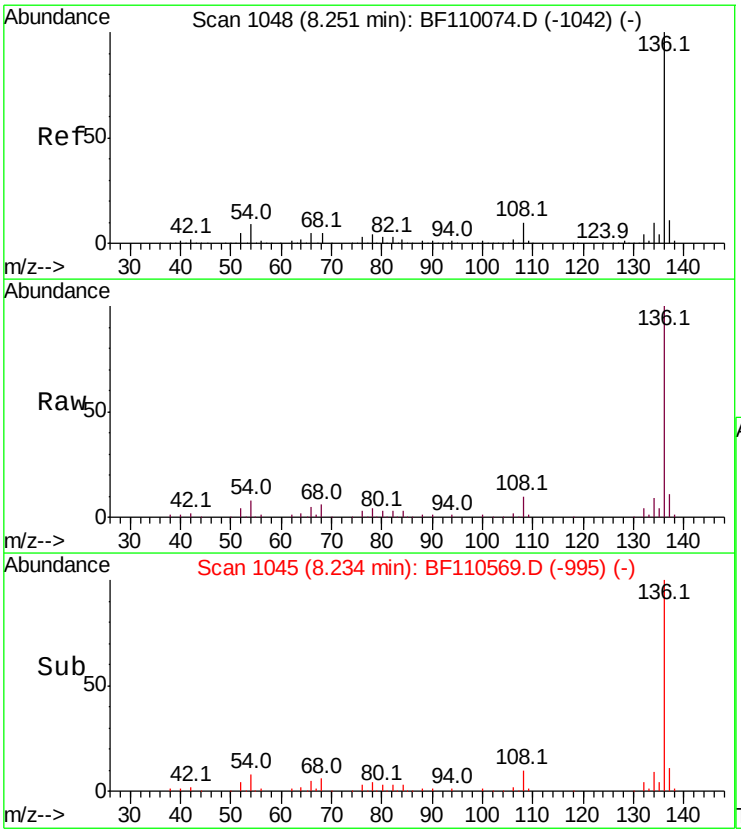
#19
n-Nitroso-di-n-propylamine
Concen: 9.930 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 32128

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#

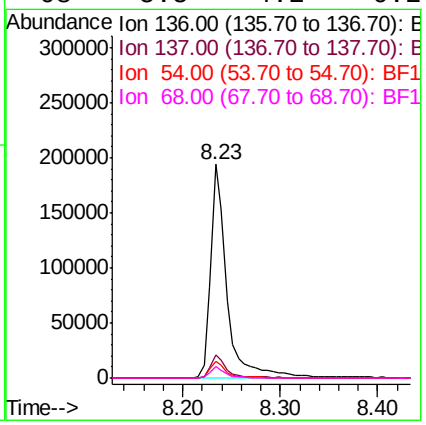


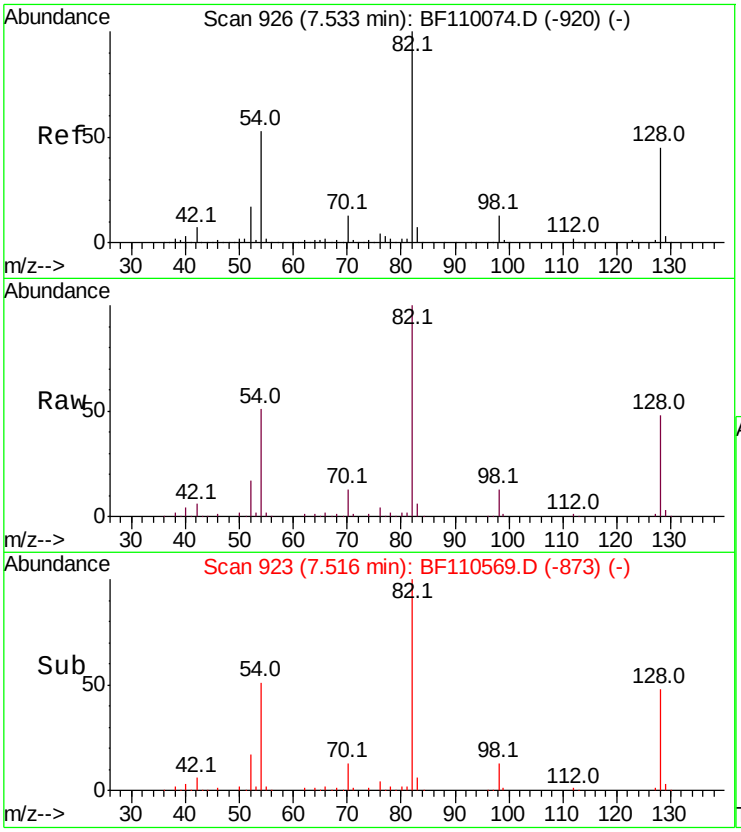


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:136 Resp: 224808

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.4	8.2
68	5.5	4.2	6.2



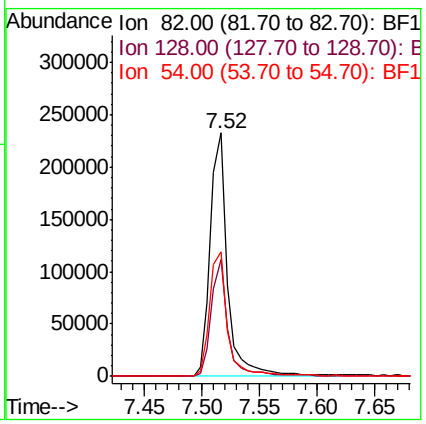


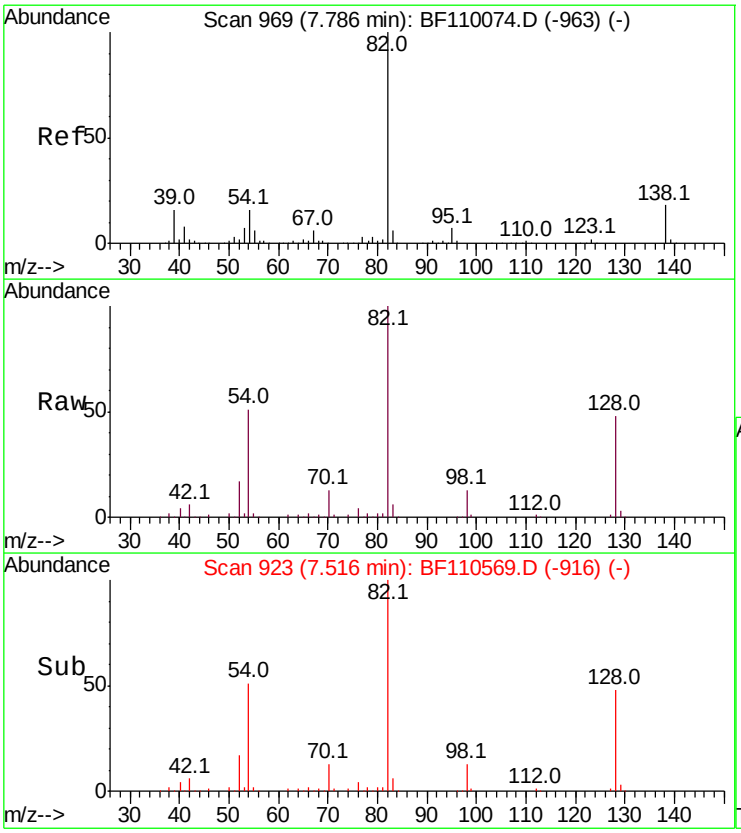
#23
Nitrobenzene-d5
Concen: 64.706 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 245249

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.2	51.2
54	51.3	38.6	58.0

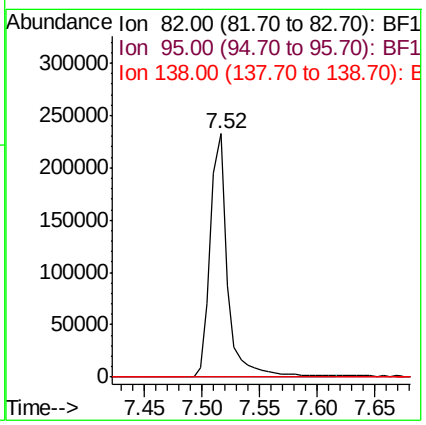


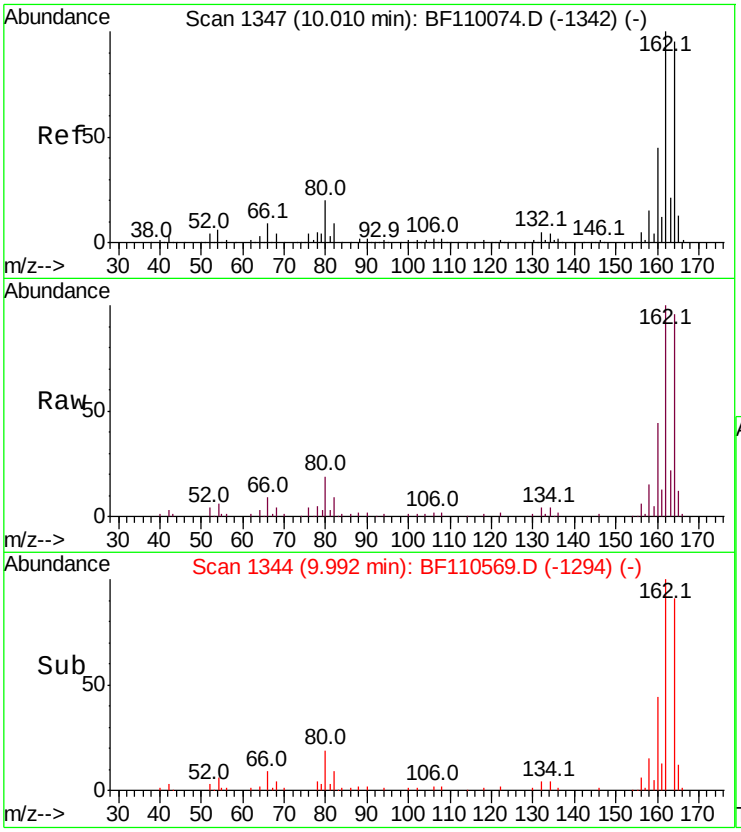


#25
Isophorone
Concen: 37.960 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion: 82 Resp: 245249

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



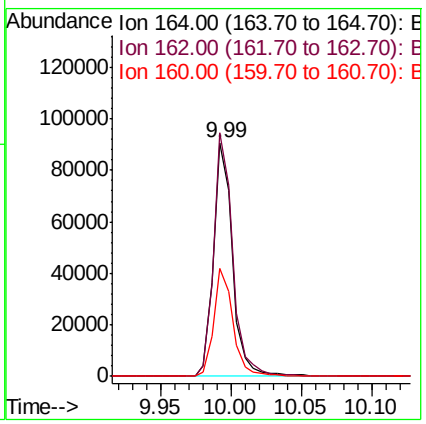


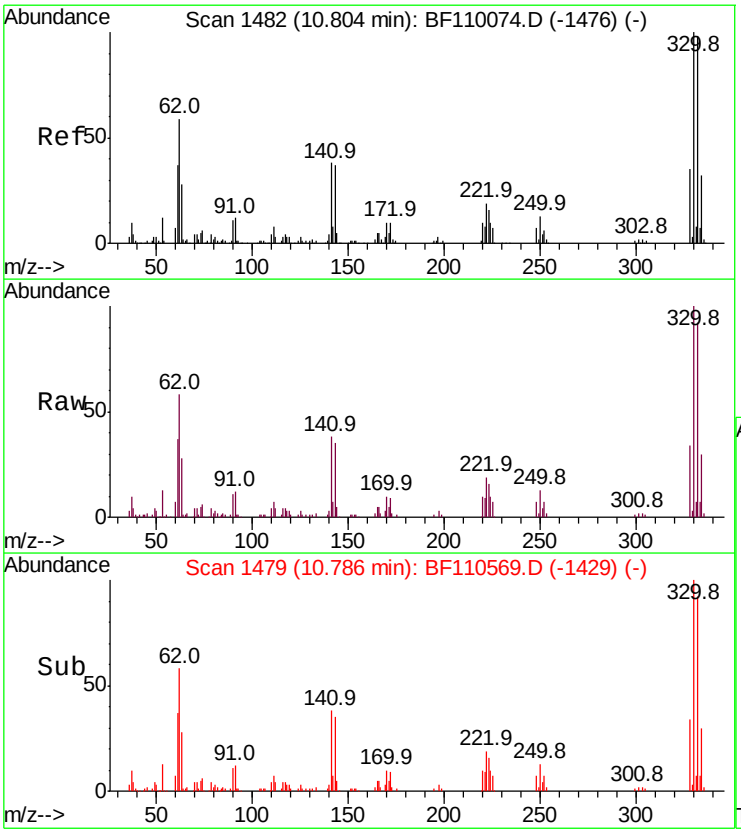
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 85246

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	46.2	37.0	55.6

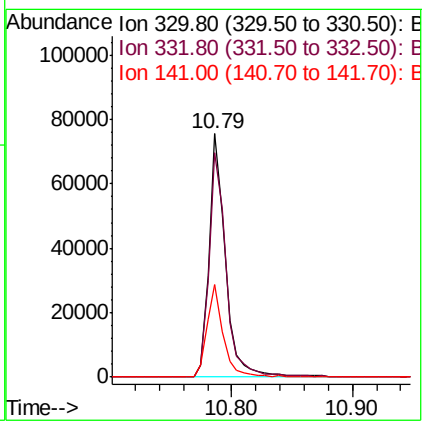


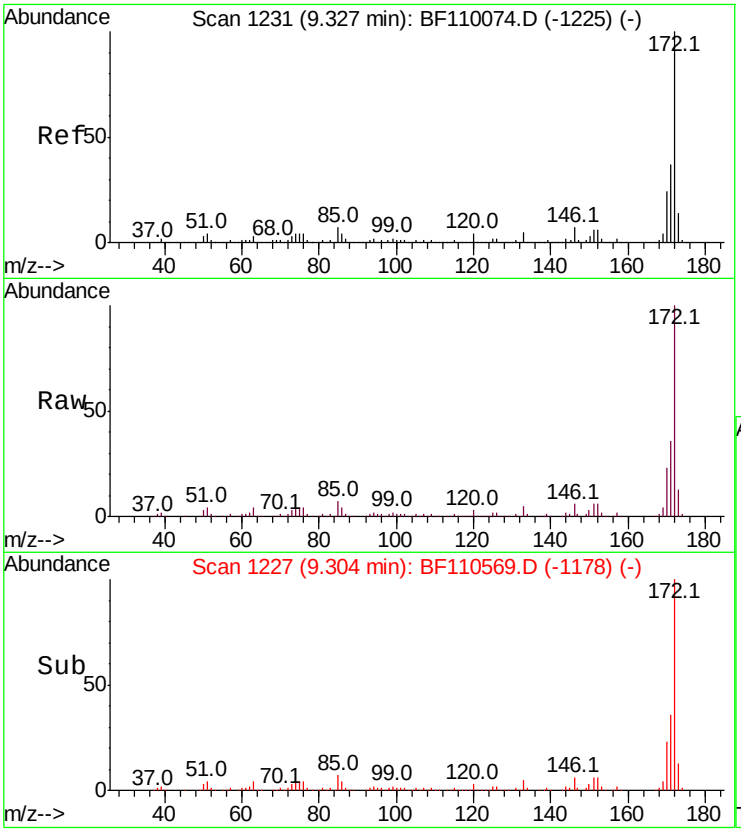


#42
2,4,6-Tribromophenol
Concen: 83.626 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:330 Resp: 70615

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.5	27.0	40.4



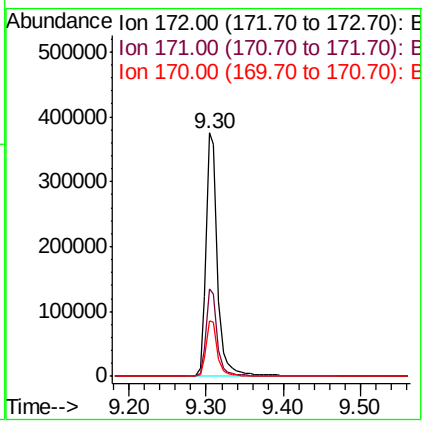


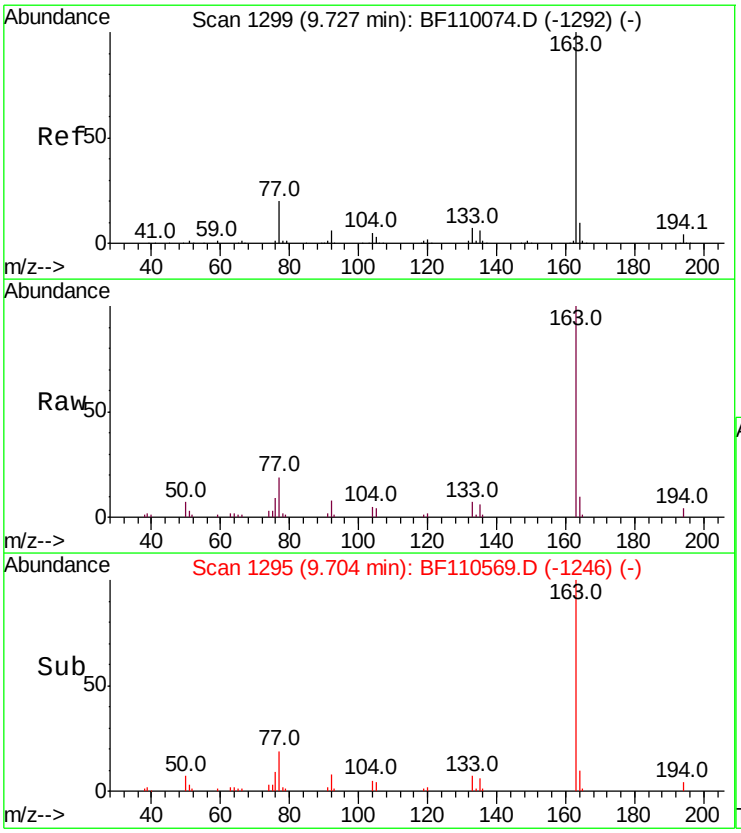
#45
2-Fluorobiphenyl
Concen: 71.885 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 390248

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	22.8	19.7	29.5

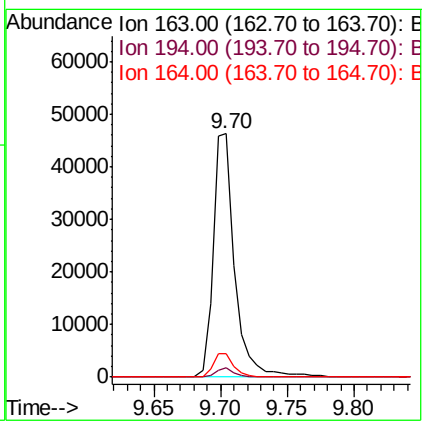


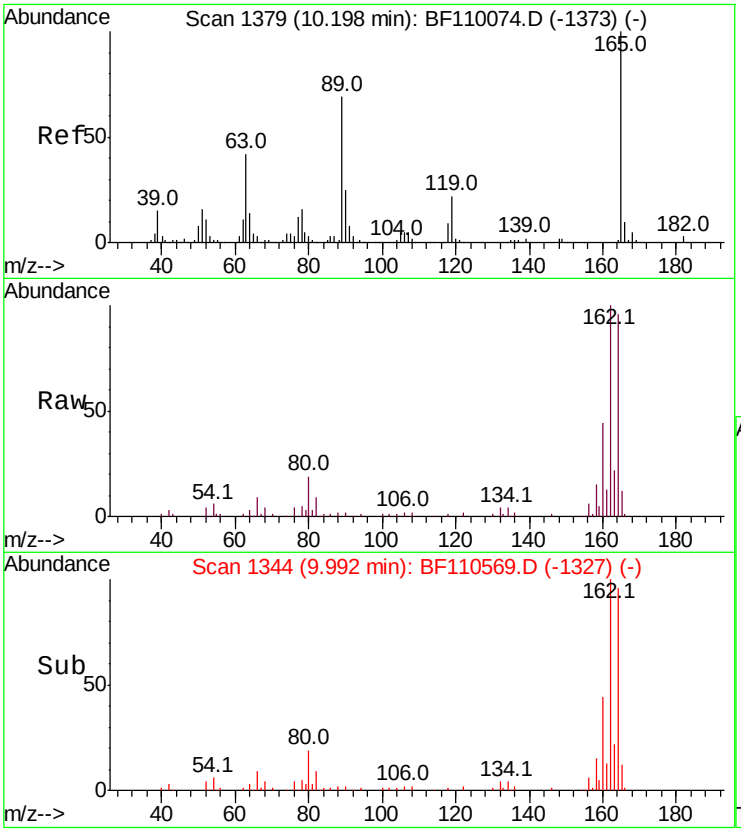


#50
Dimethylphthalate
Concen: 8.295 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:163 Resp: 52200

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.1	12.1



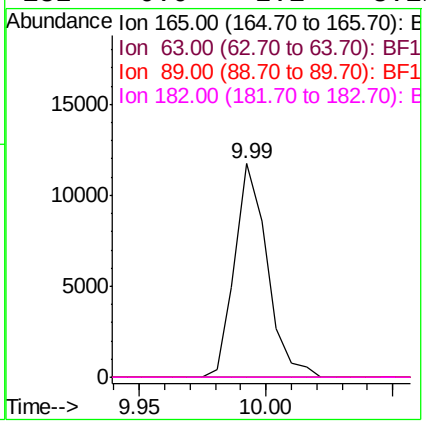


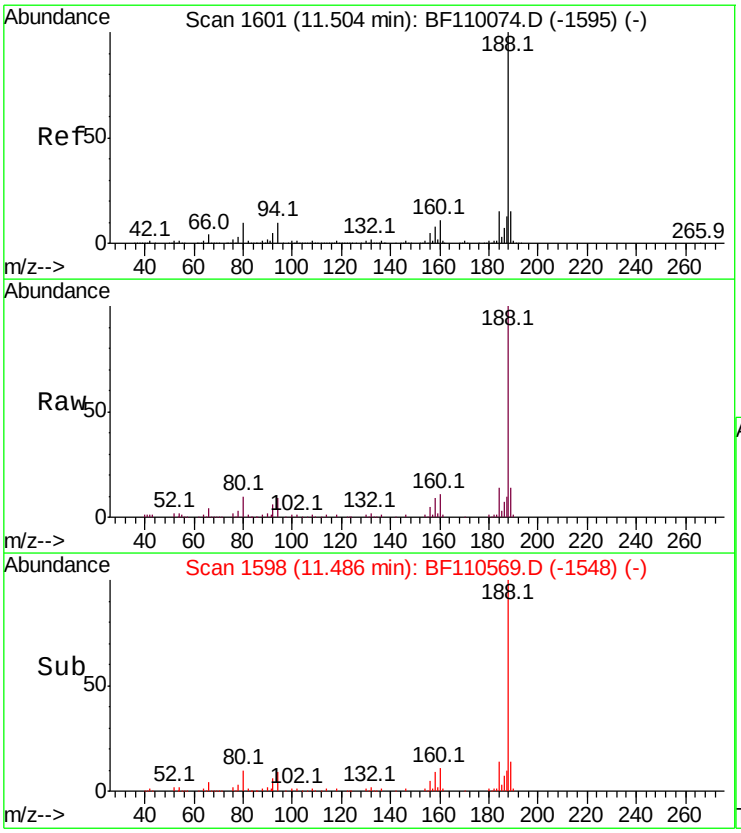
#57
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10523

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#

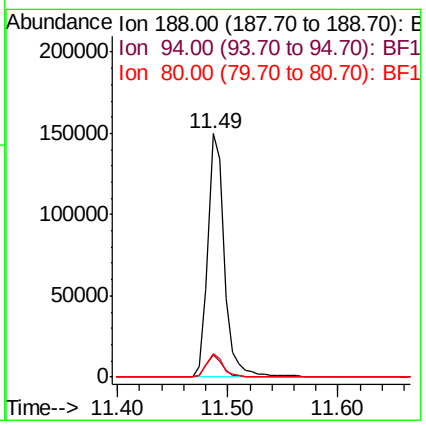


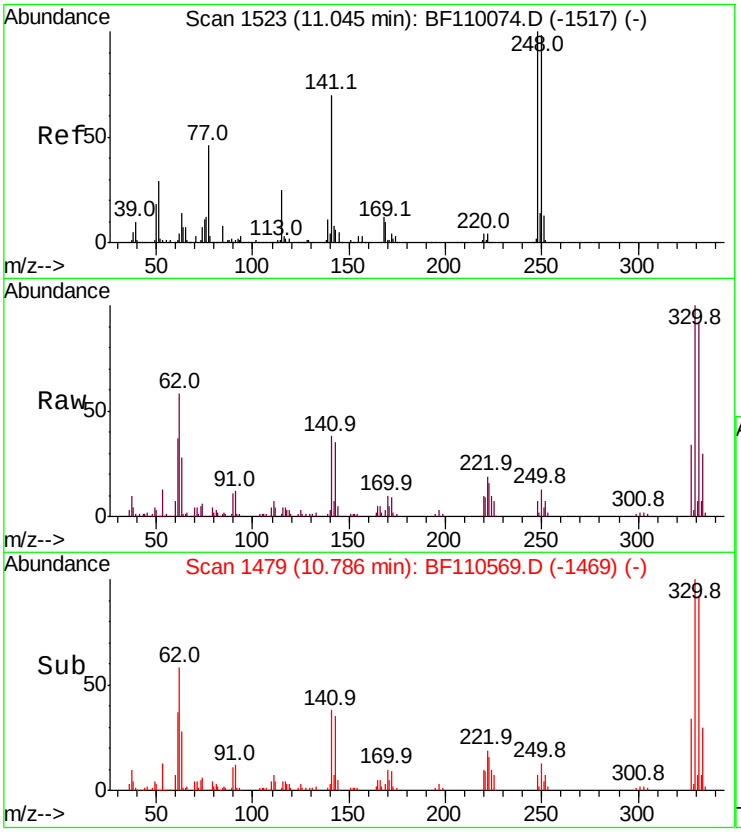


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:188 Resp: 153430

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9



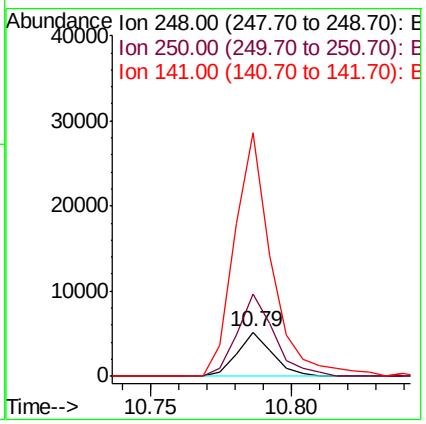


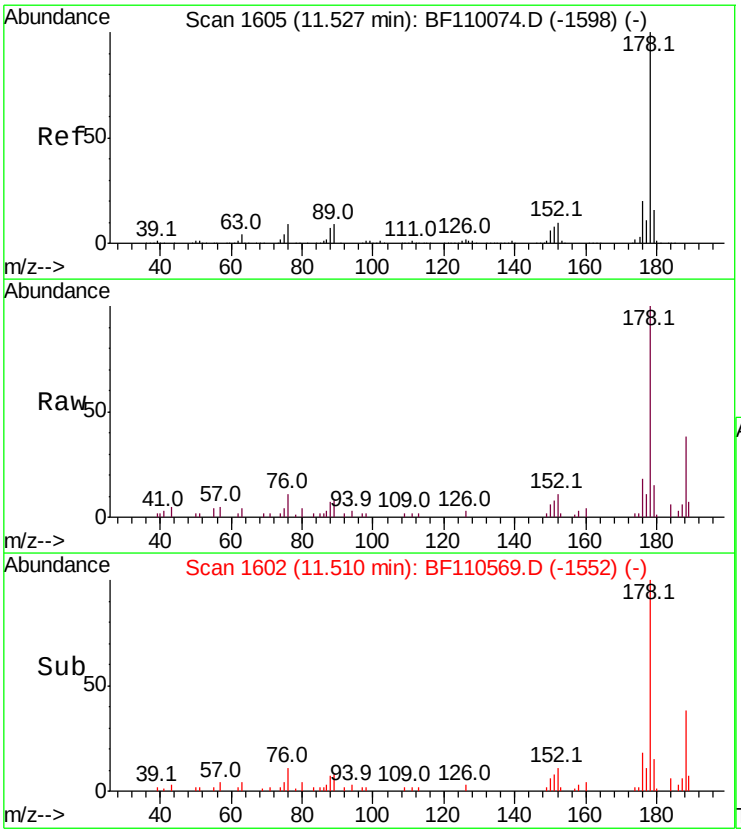
#67
4-Bromophenyl-phenylether
Concen: 2.654 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4417

Ion	Ratio	Lower	Upper
248	100		
250	185.3	79.4	119.2#
141	548.7	55.9	83.9#

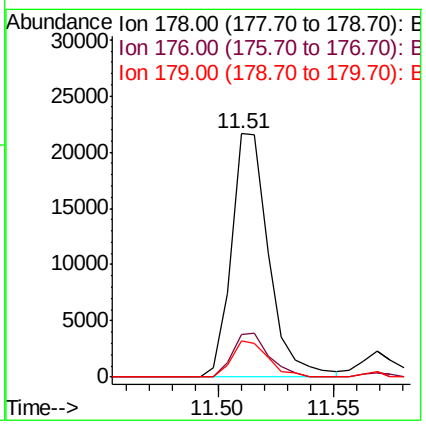


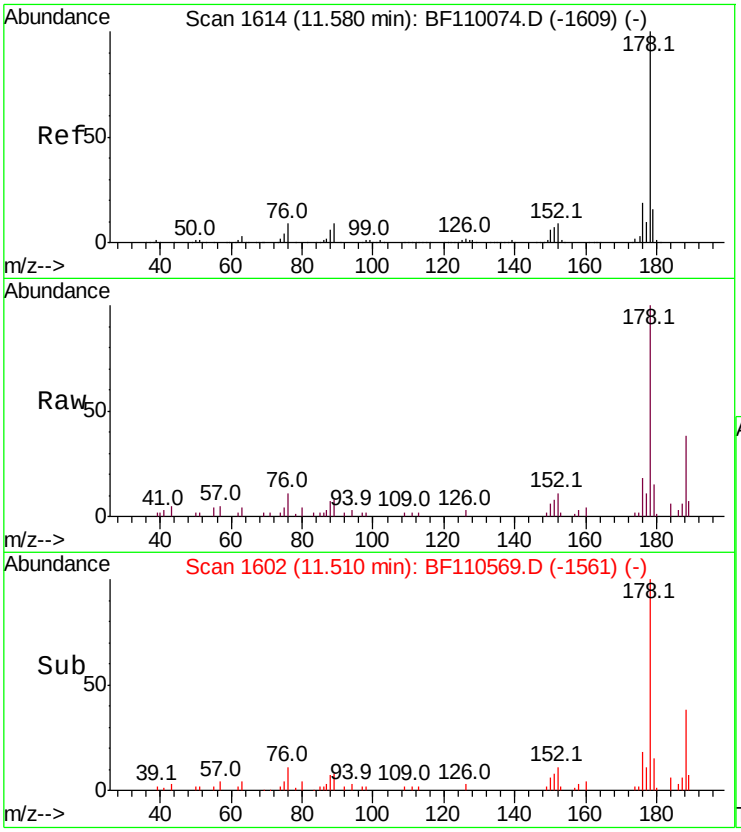


#71
Phenanthrene
Concen: 3.053 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:178 Resp: 24513

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.5	23.3
179	15.1	12.5	18.7



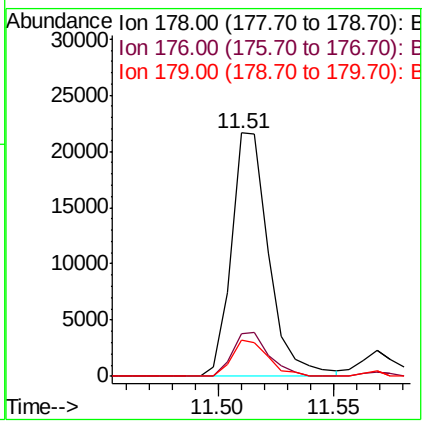


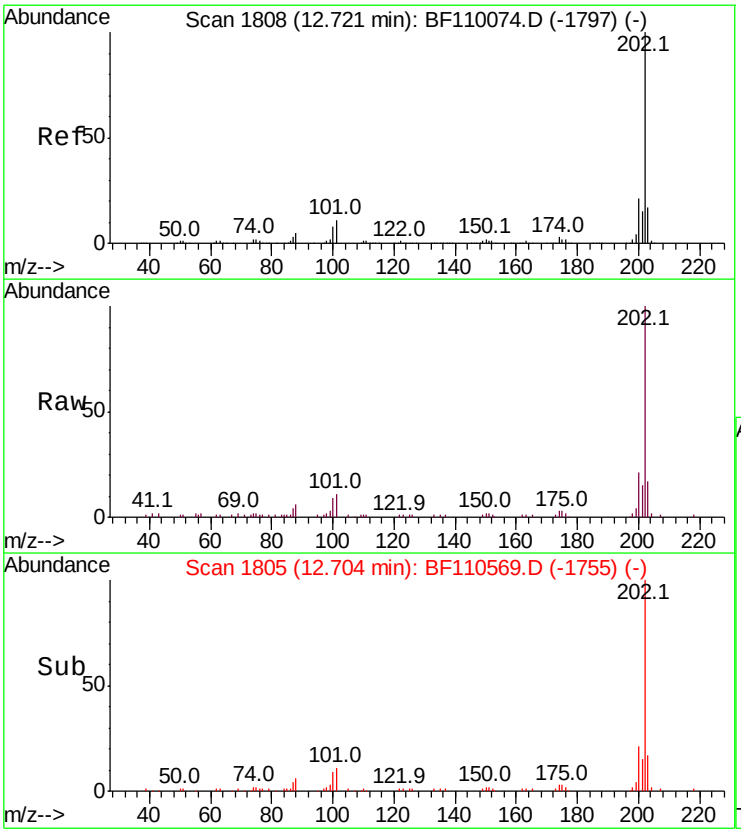
#72
Anthracene
Concen: 3.046 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.06 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 24513

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.1	12.6	18.8

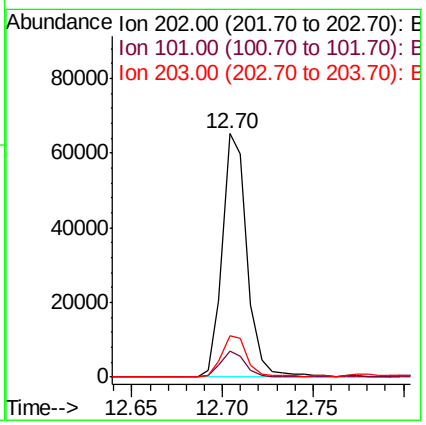


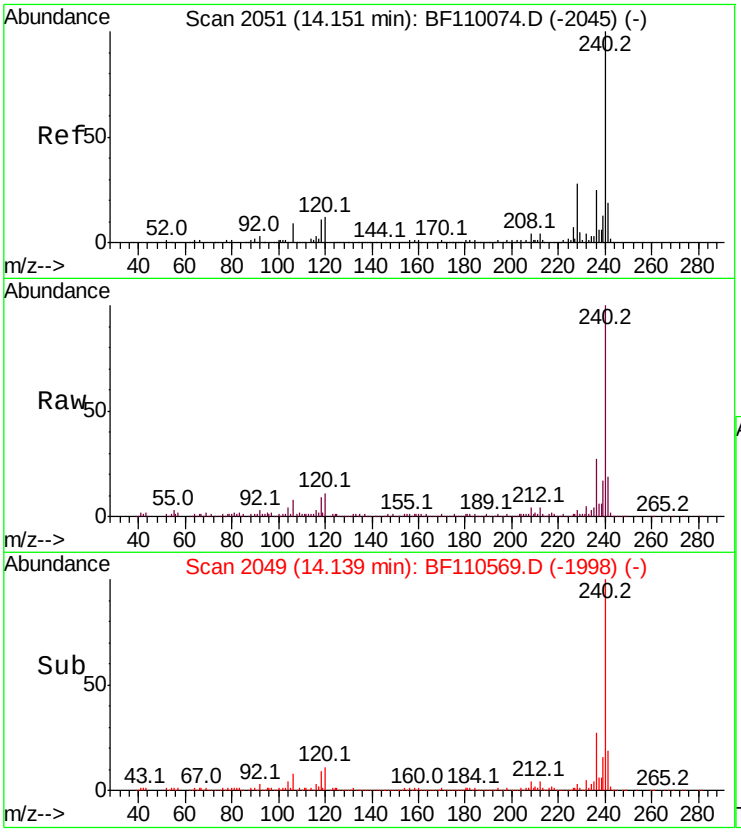


#75
Fluoranthene
Concen: 7.628 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:202 Resp: 62154

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	16.8	0.0	37.7



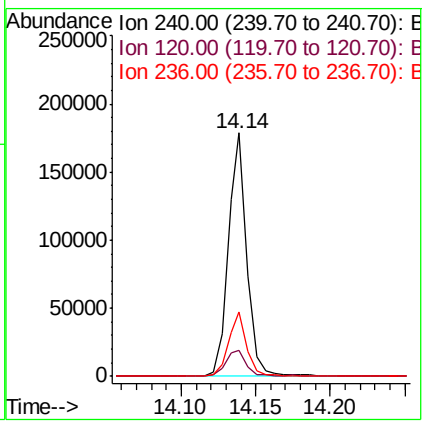


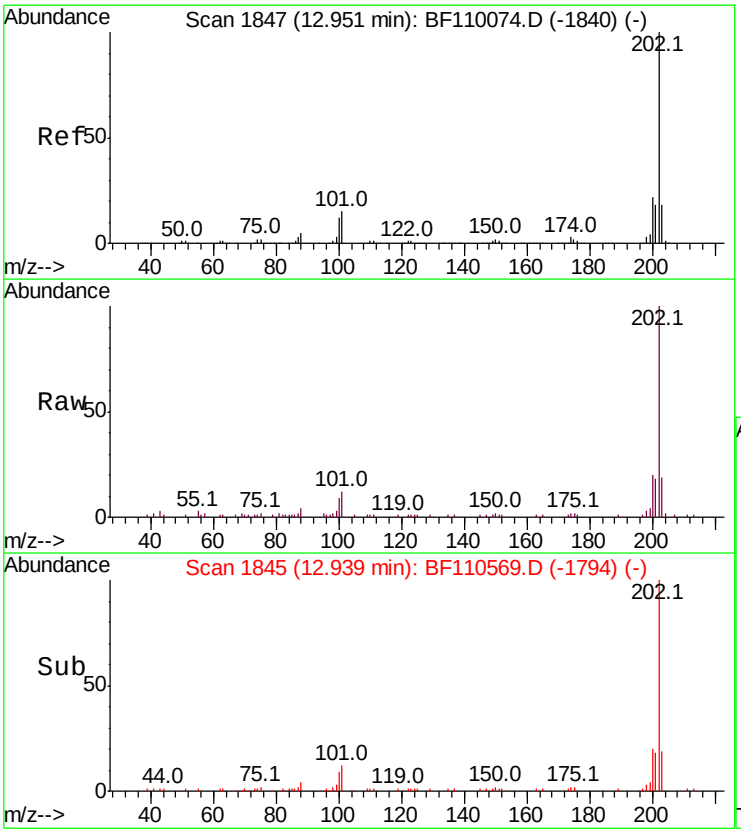
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 156994

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	26.5	21.2	31.8

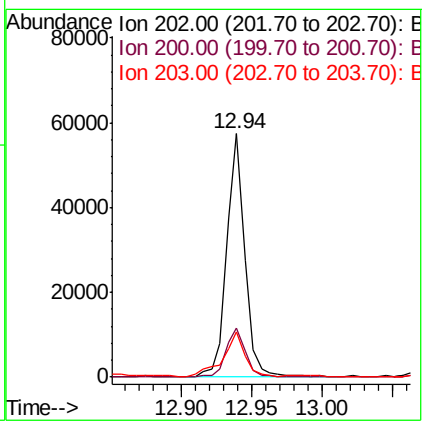


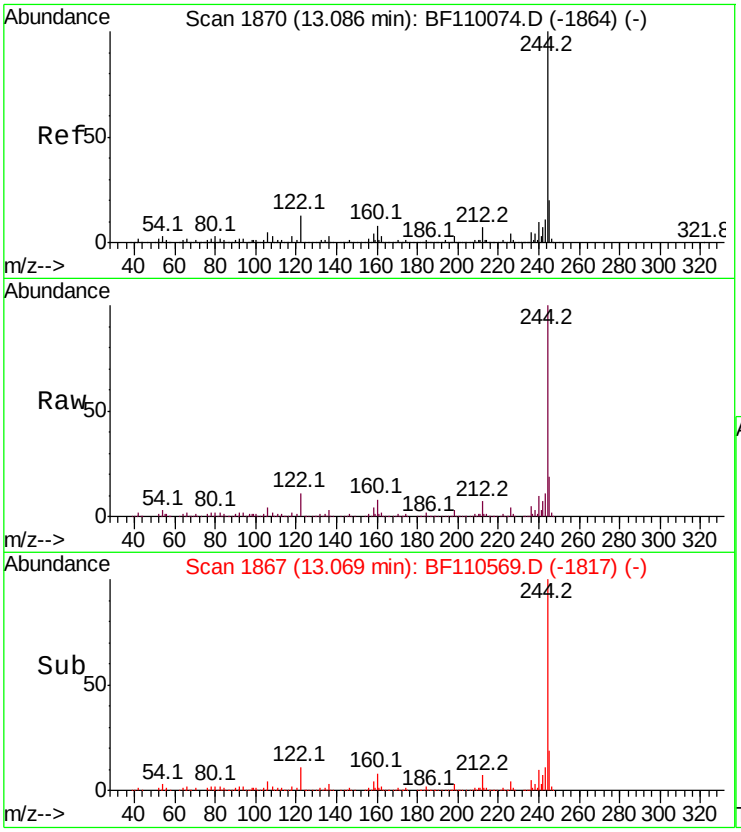


#78
Pyrene
Concen: 4.544 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:202 Resp: 51142

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	18.6	14.2	21.4



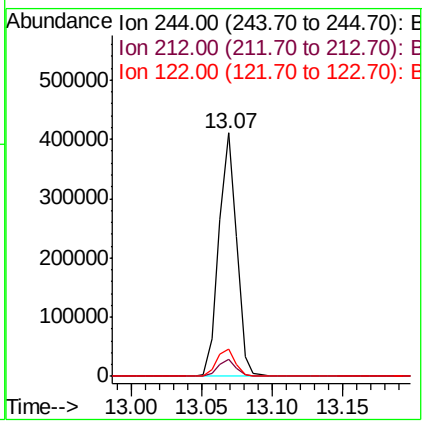


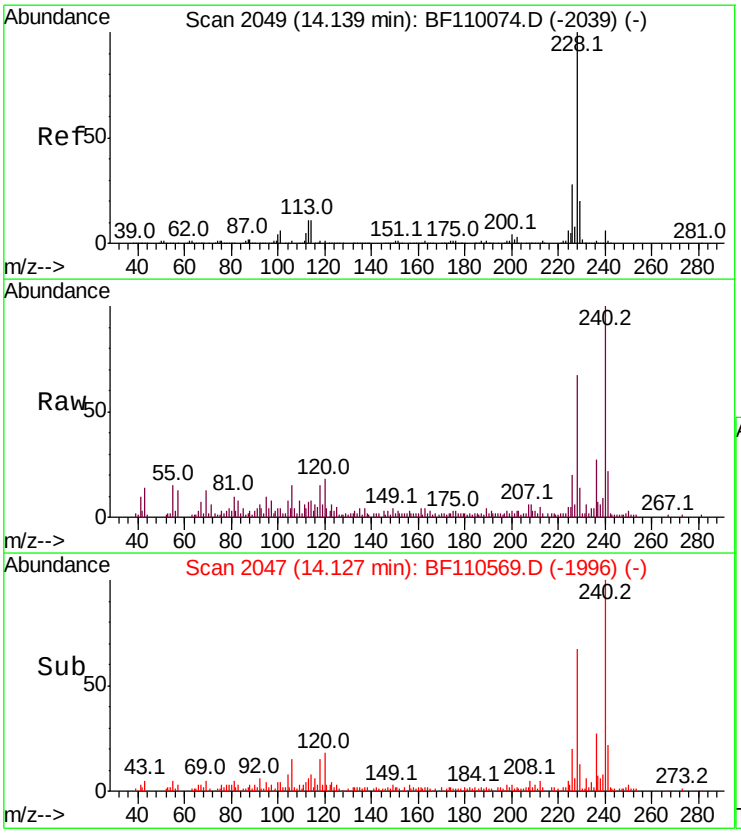
#79
Terphenyl-d14
Concen: 48.064 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 362830

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.5	8.7	13.1

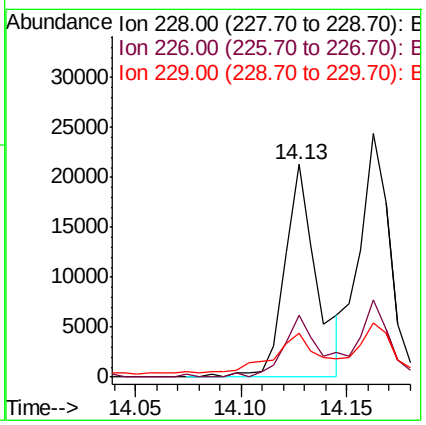


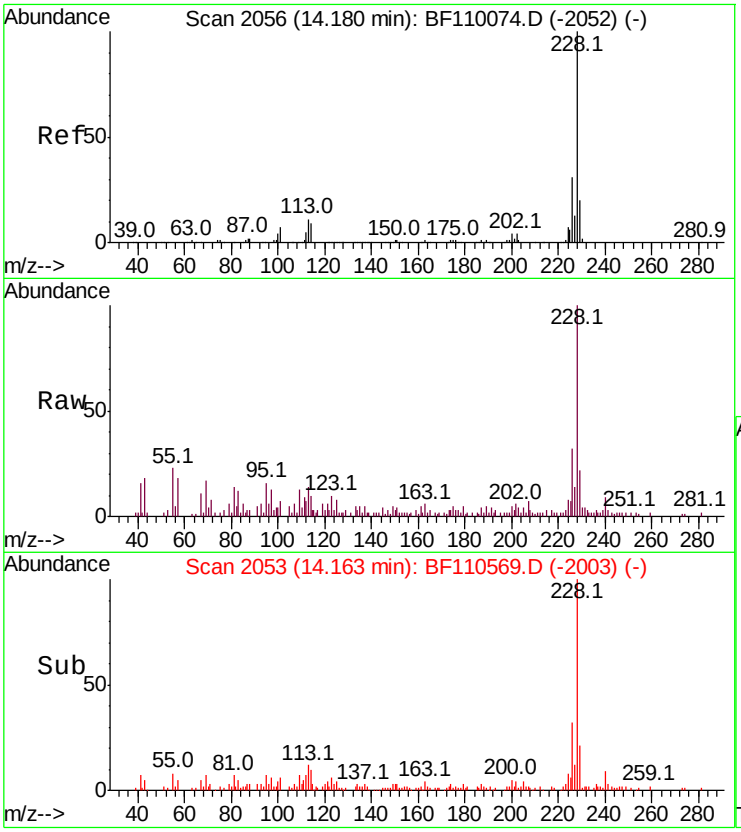


#81
Benzo(a)anthracene
Concen: 2.404 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:228 Resp: 22379

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	21.0	15.6	23.4



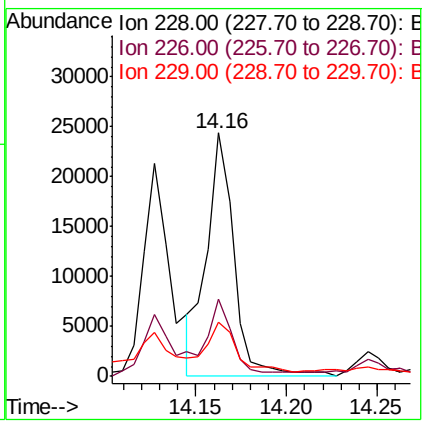


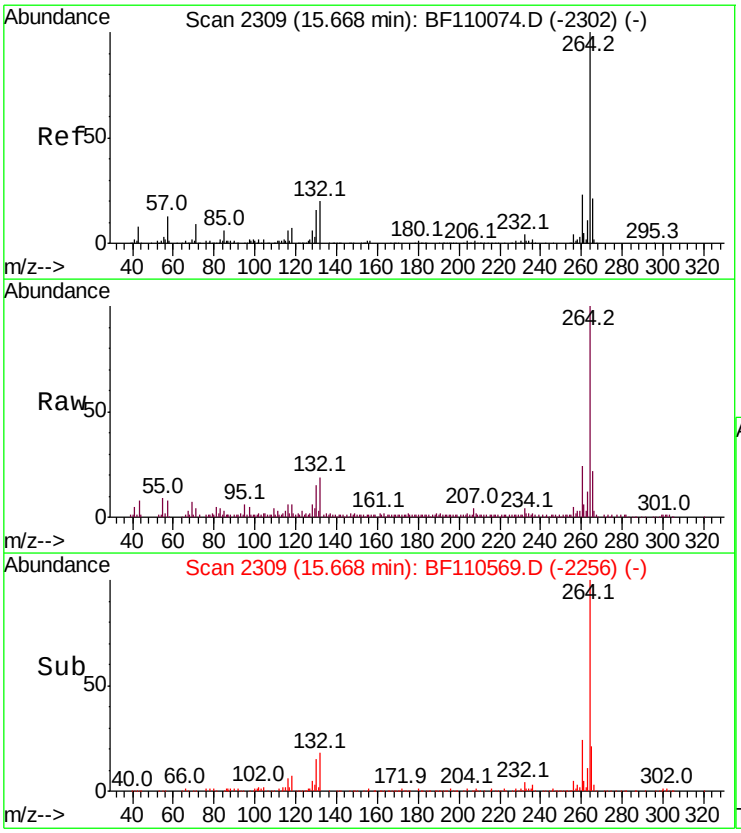
#83
Chrysene
Concen: 2.906 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 25697

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	22.2	15.9	23.9

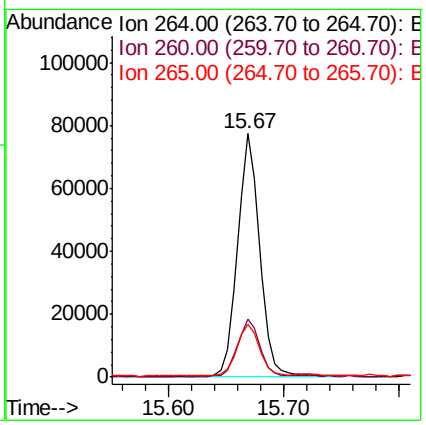


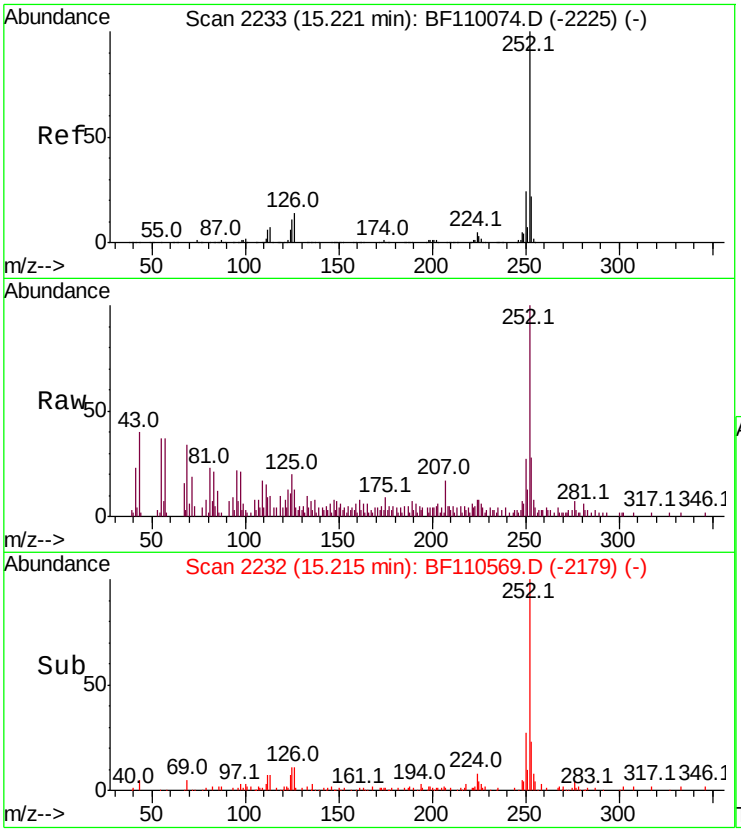


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:264 Resp: 103822

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	16.7	25.1



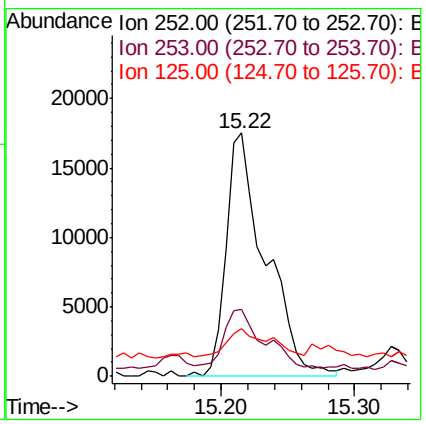


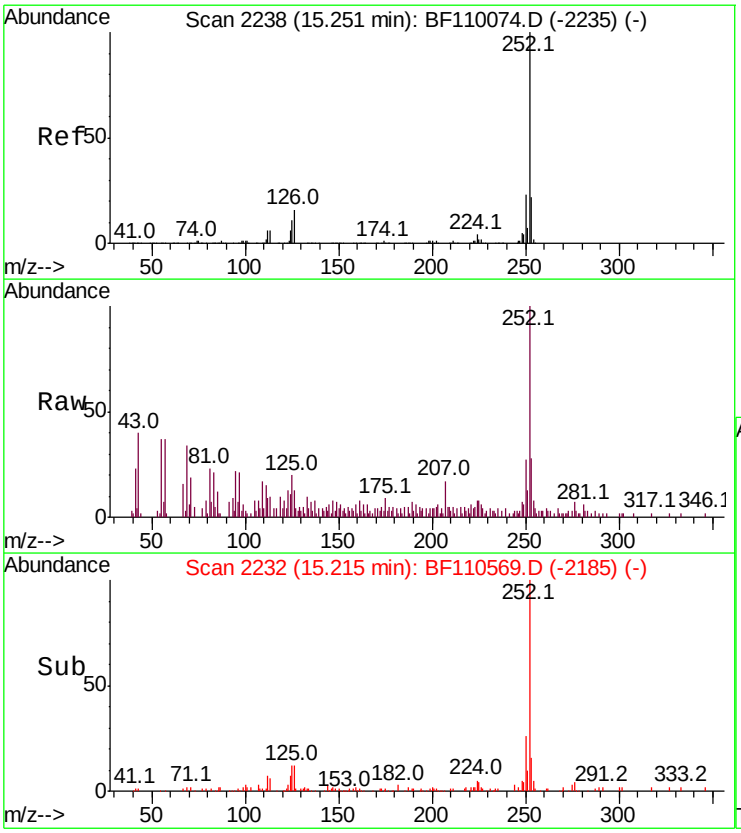
#88
Benzo(b)fluoranthene
Concen: 6.010 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36035

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.2	25.8#
125	19.8	8.2	12.4#

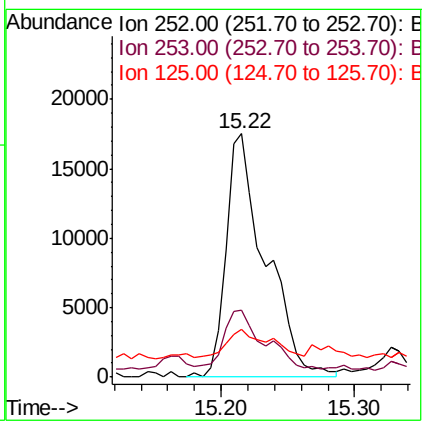


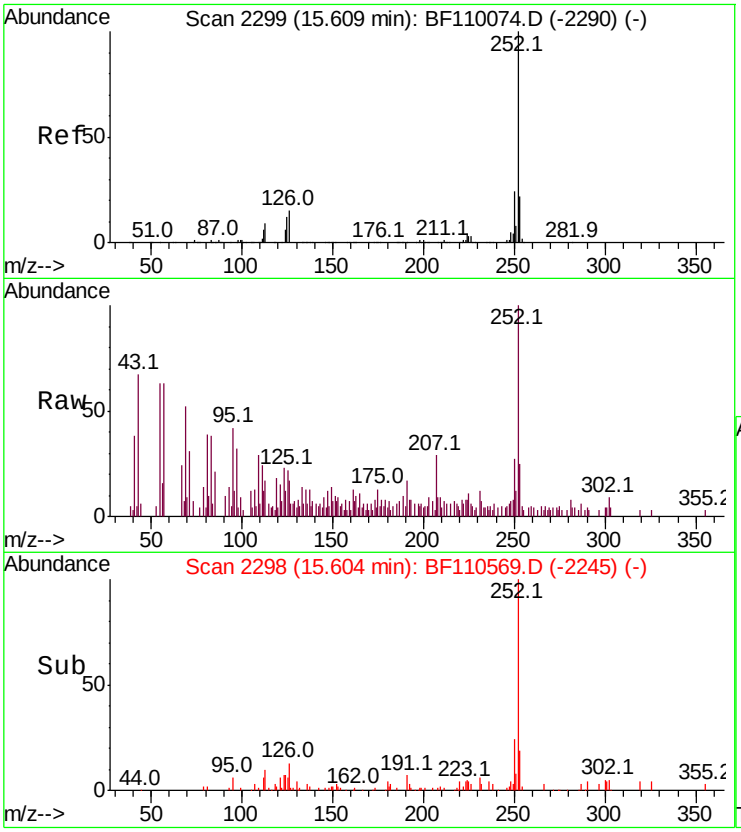


#89
Benzo(k)fluoranthene
Concen: 6.114 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:252 Resp: 36035

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.2	25.8#
125	19.8	7.4	11.0#



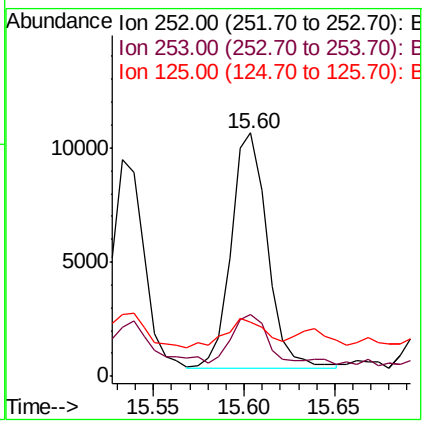


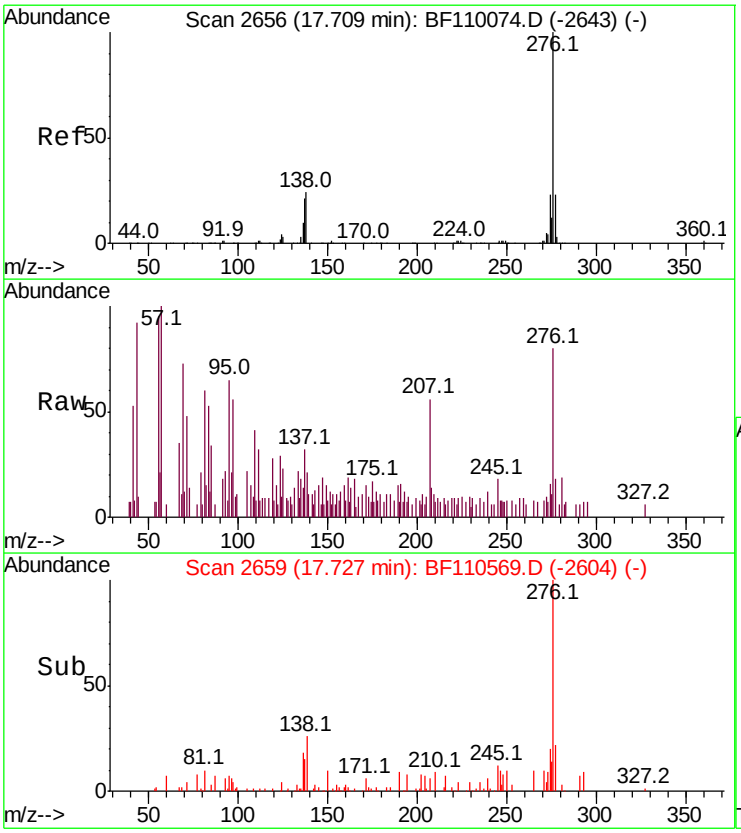
#90
Benzo(a)pyrene
Concen: 2.607 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14383

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	22.3	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 2.224 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion:276 Resp: 10433

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.8	28.2
138	26.0	16.0	24.0#