Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110127.D
Acq On : 24 Oct 2018 20:51
Operator : JU/SJ
Sample : J5619-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 25 02:14:56 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	124598	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	453730	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	176405	20.00	ng	-0.02
64) Phenanthrene-d10	11.48	188	7258	20.00	ng	-0.04
76) Chrysene-d12	14.13	240	13154	20.00	ng	-0.03
87) Perylene-d12	15.73	264	197684	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	25186	3.29	ng	-0.02
7) Phenol-d6	6.58	99	32525	3.32	ng	-0.02
23) Nitrobenzene-d5	7.53	82	15728	2.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	4004	2.29	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	32236	2.87	ng	-0.01
79) Terphenyl-d14	13.11	244	26975	42.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	251	Below Cal	#	1
57) 2,4-Dinitrotoluene	10.01	165	22770	6.391	ng	# 20
66) n-Nitrosodiphenylamine	10.66	169	760	3.192	ng	# 1
67) 4-Bromophenyl-phenylether	11.03	248	683	8.675	ng	# 1
70) Pentachlorophenol	11.12	266	1463	30.036	ng	# 43
73) Carbazole	11.72	167	1074	2.890	ng	# 1
74) Di-n-butylphthalate	12.06	149	1241	2.956	ng	# 1
75) Fluoranthene	12.70	202	3158	8.194	ng	# 1
77) Benzidine	12.82	184	1222	2.236	ng	# 1
78) Pyrene	12.94	202	1985	2.105	ng	# 1
80) Butylbenzylphthalate	13.54	149	1502	3.670	ng	# 1
81) Benzo(a)anthracene	14.13	228	2469	3.165	ng	# 1
82) 3,3'-Dichlorobenzidine	14.09	252	1771	6.520	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.12	149	1373	2.481	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110127.D
Acq On : 24 Oct 2018 20:51
Operator : JU/SJ
Sample : J5619-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 02:14:56 2018
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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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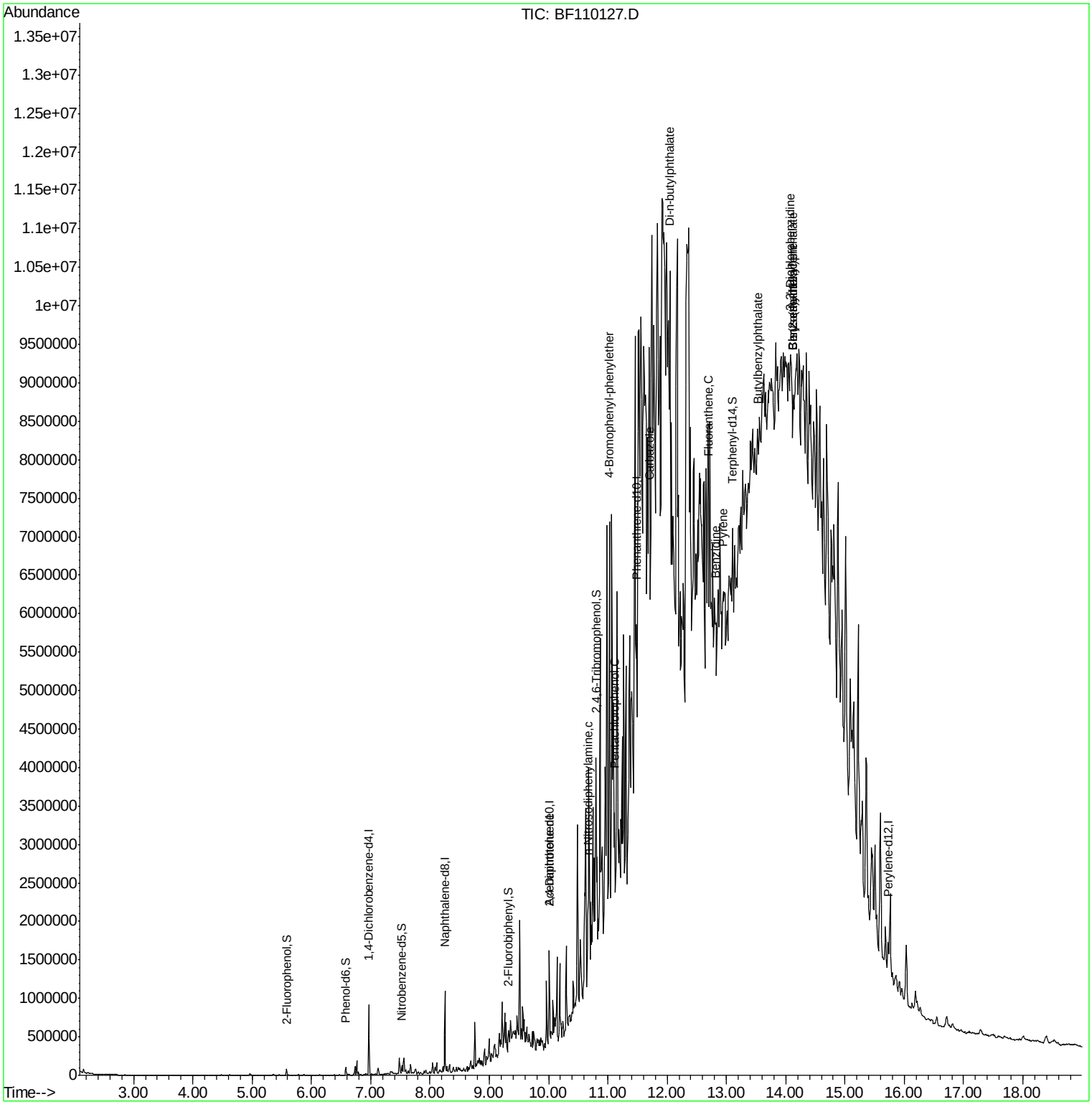
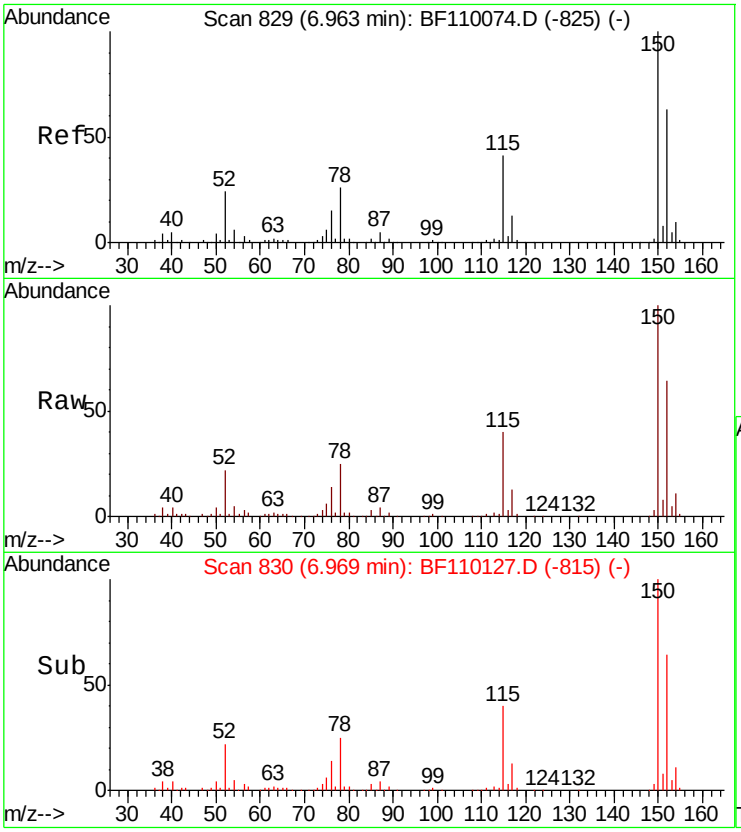


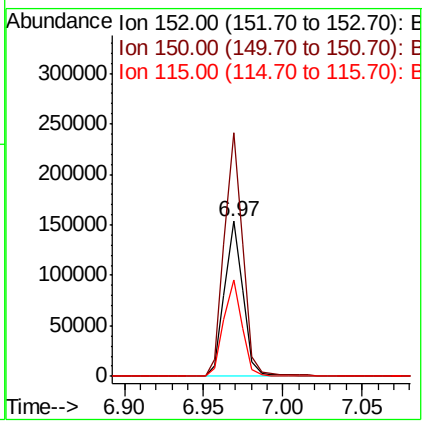


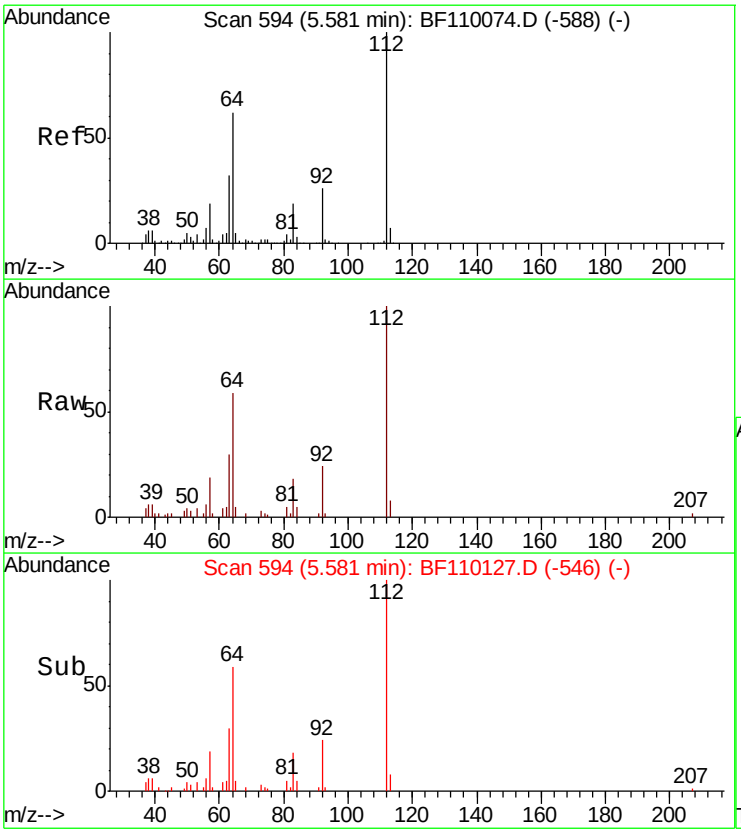
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124598

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	62.6	49.1	73.7

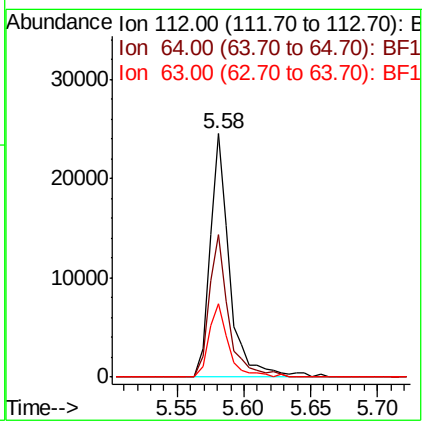


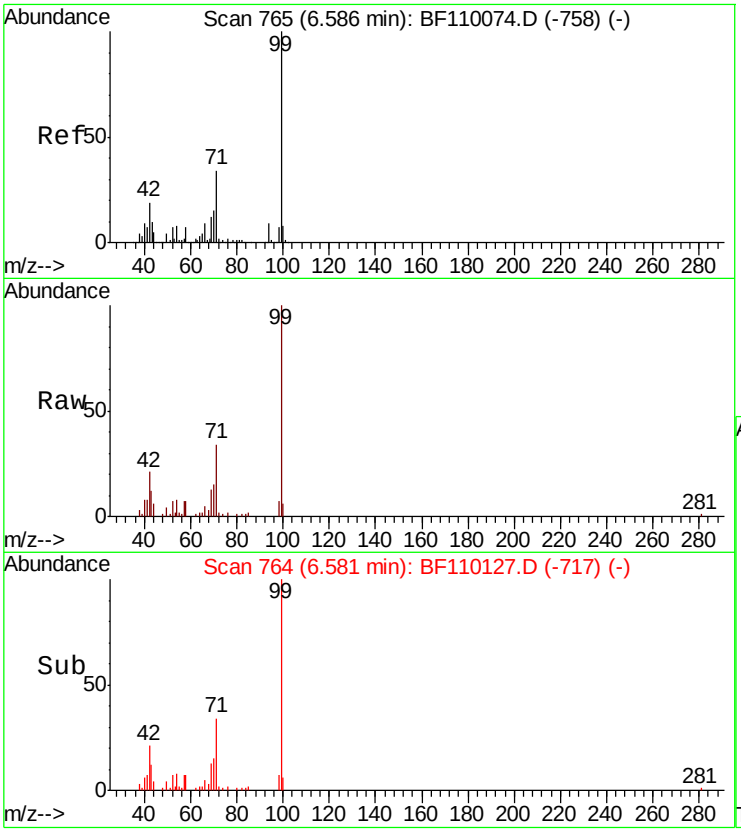


#5
2-Fluorophenol
Concen: 3.292 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:112 Resp: 25186

Ion	Ratio	Lower	Upper
112	100		
64	58.6	44.1	66.1
63	30.2	23.7	35.5



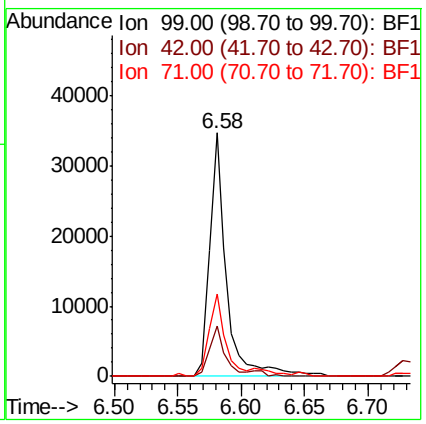


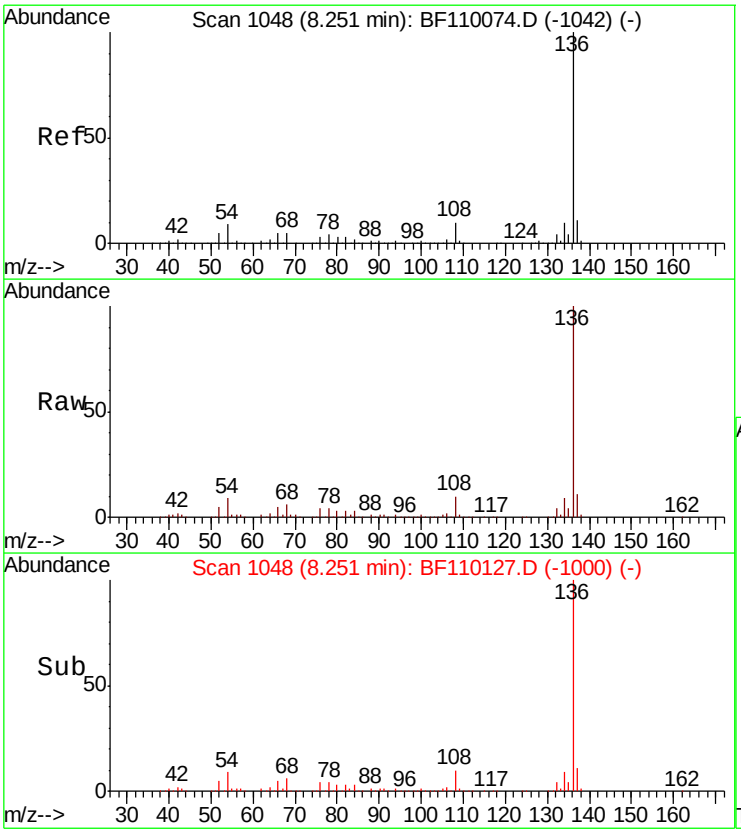
#7
Phenol-d6
Concen: 3.323 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 32525

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.8	23.6
71	34.0	28.0	42.0

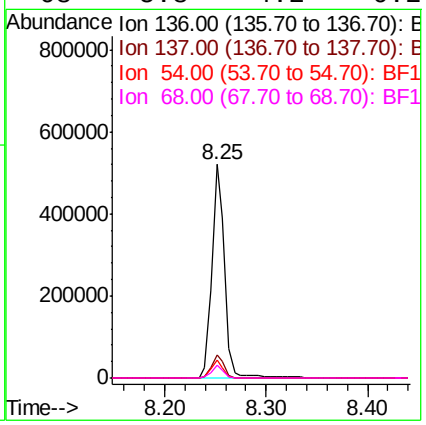


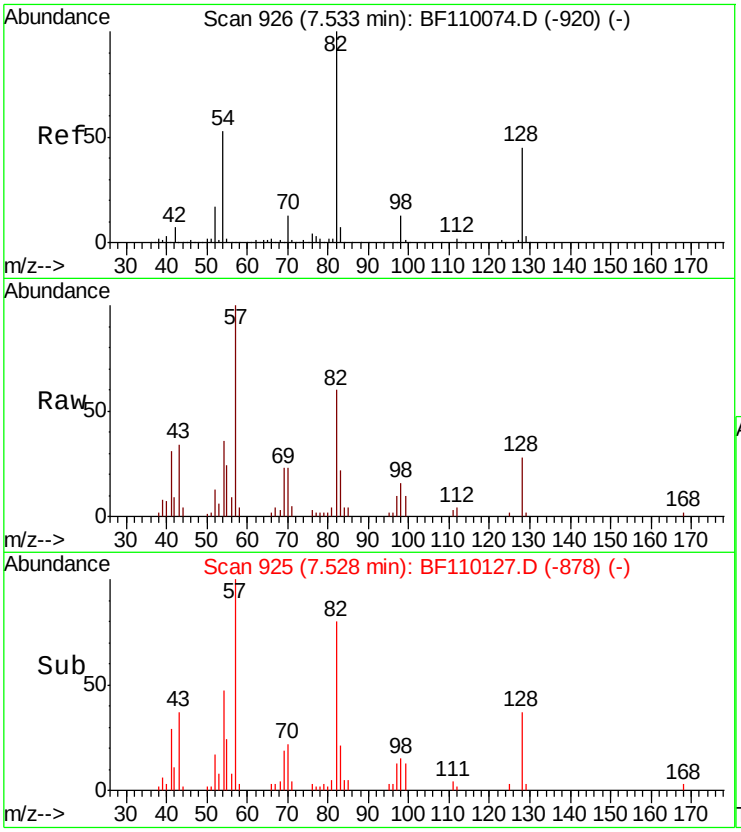


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:136 Resp: 453730

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	5.4	8.2#
68	5.8	4.2	6.2



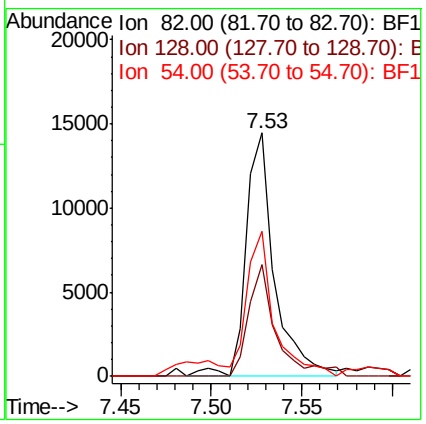


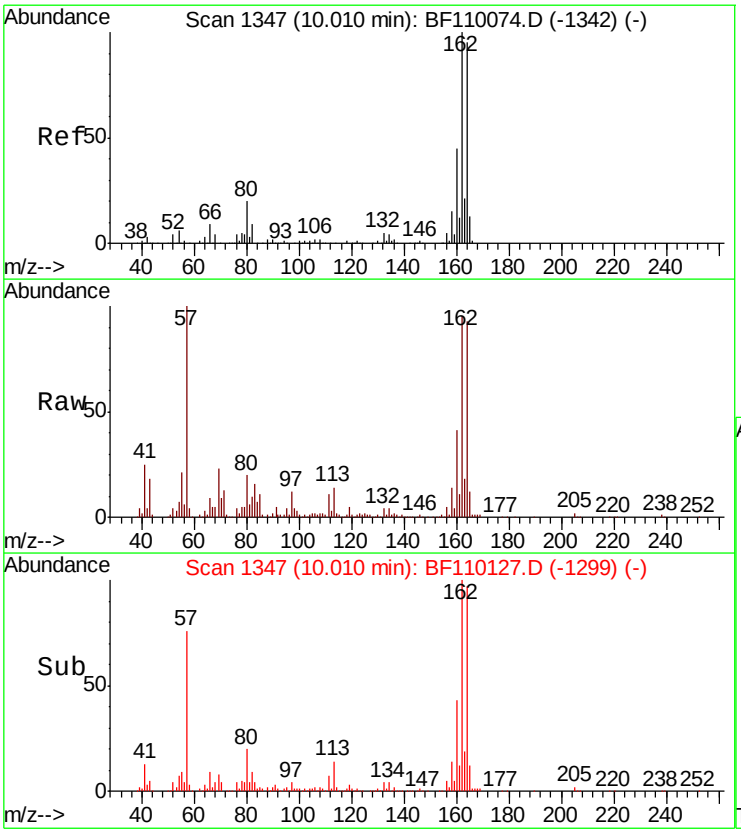
#23
Nitrobenzene-d5
Concen: 2.056 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 15728

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	59.5	38.6	58.0#

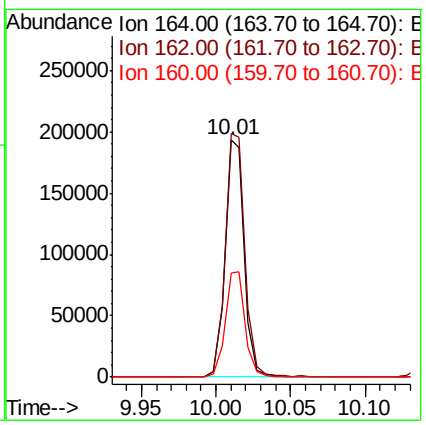


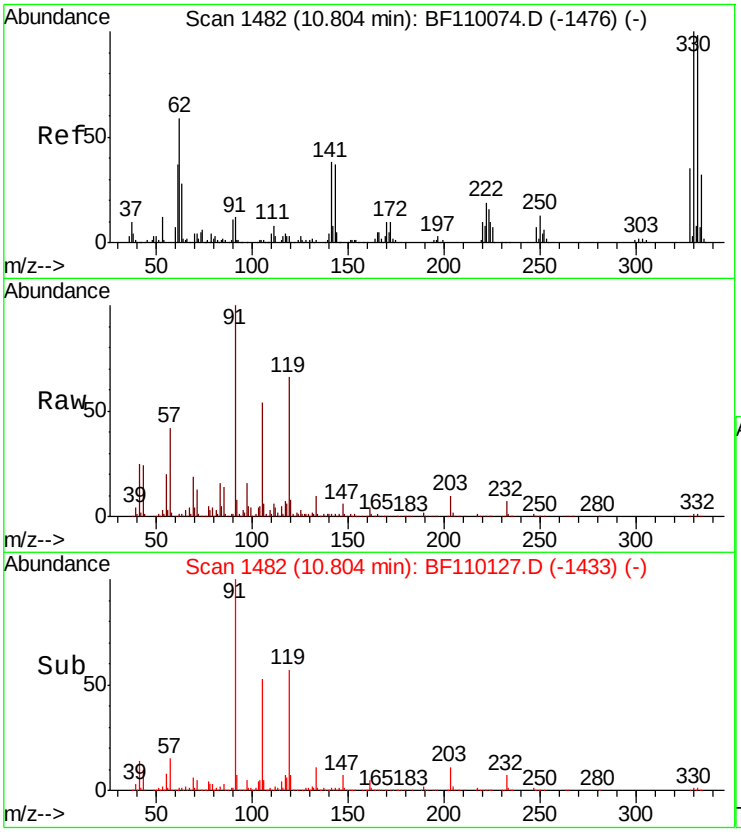


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:164 Resp: 176405

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.6
160	43.8	37.0	55.6



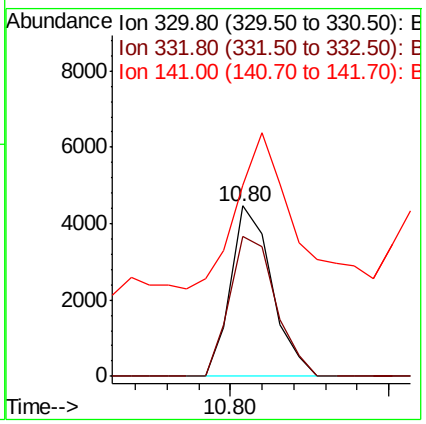


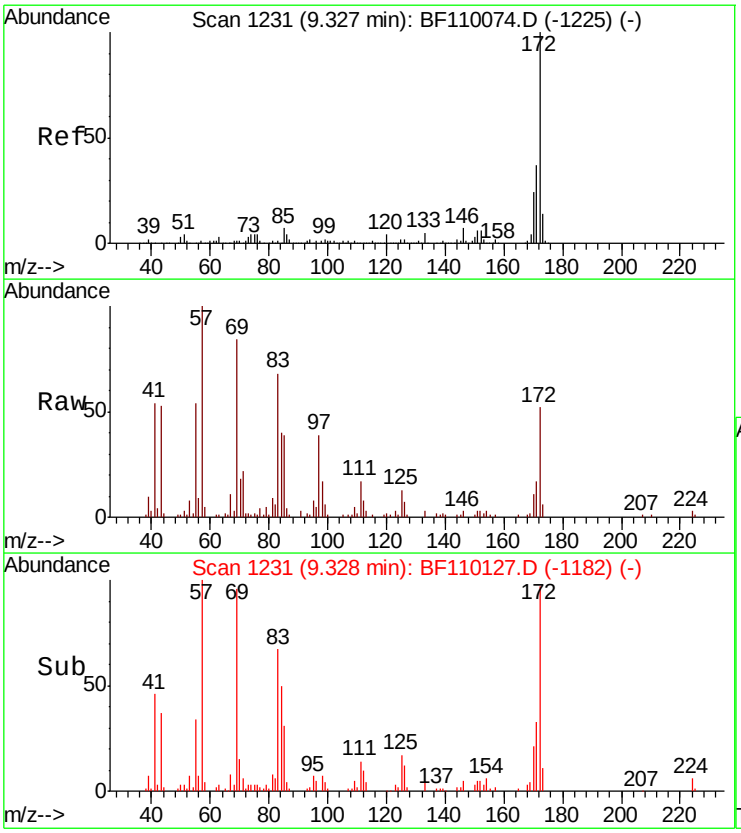
#42
2,4,6-Tribromophenol
Concen: 2.291 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 4004

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.1	115.7
141	138.1	27.0	40.4#

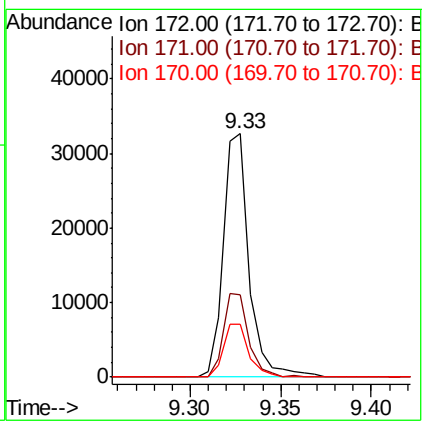


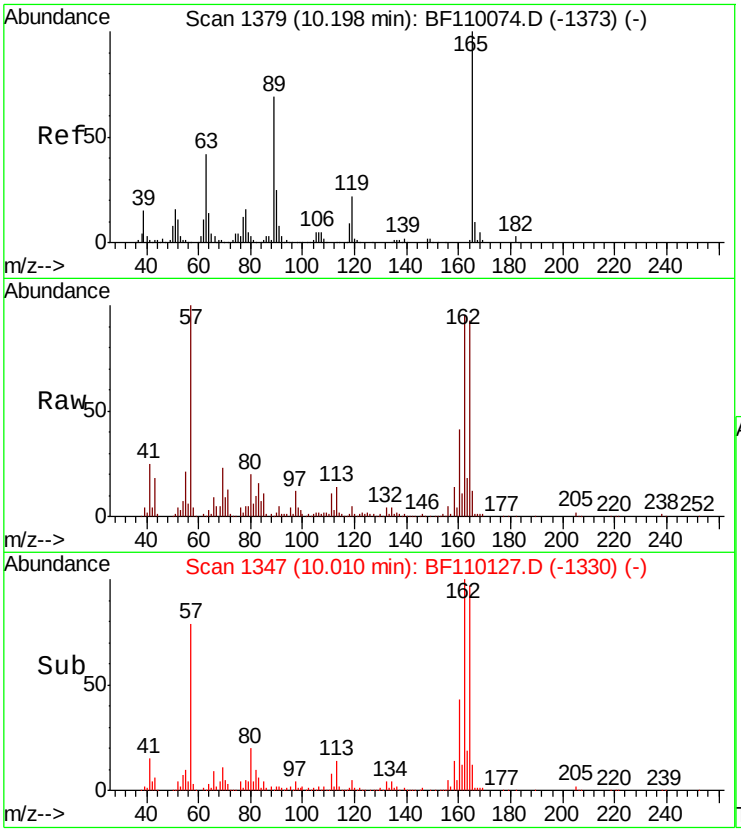


#45
2-Fluorobiphenyl
Concen: 2.869 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:172 Resp: 32236

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	43.0
170	21.9	19.7	29.5



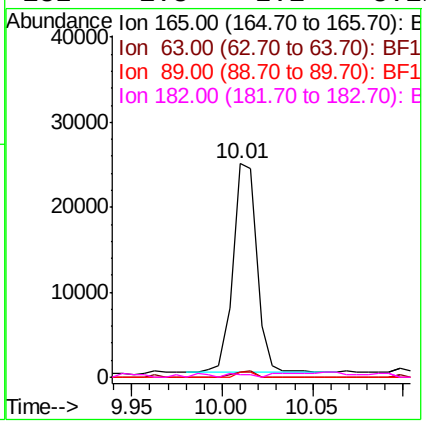


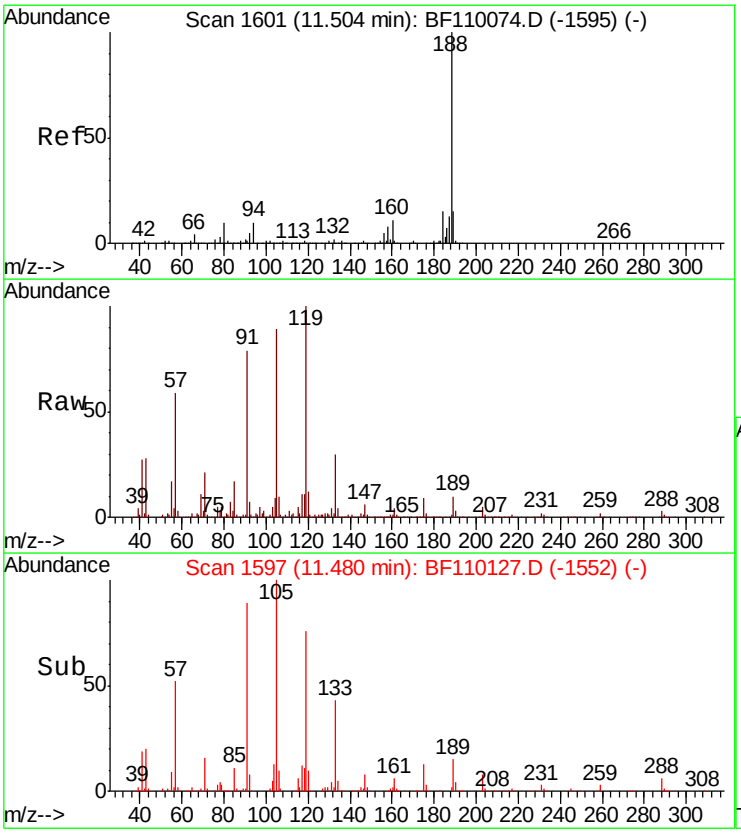
#57
2,4-Dinitrotoluene
Concen: 6.391 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22770

Ion	Ratio	Lower	Upper
165	100		
63	2.4	44.8	67.2#
89	2.1	62.2	93.4#
182	1.3	2.1	3.1#

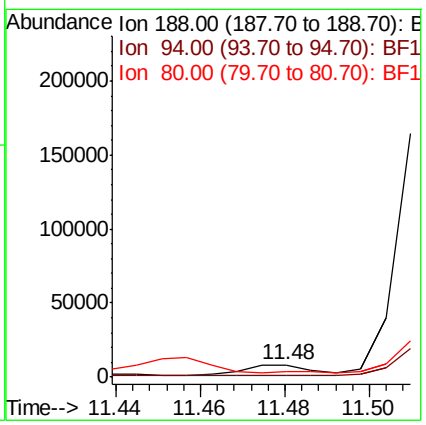


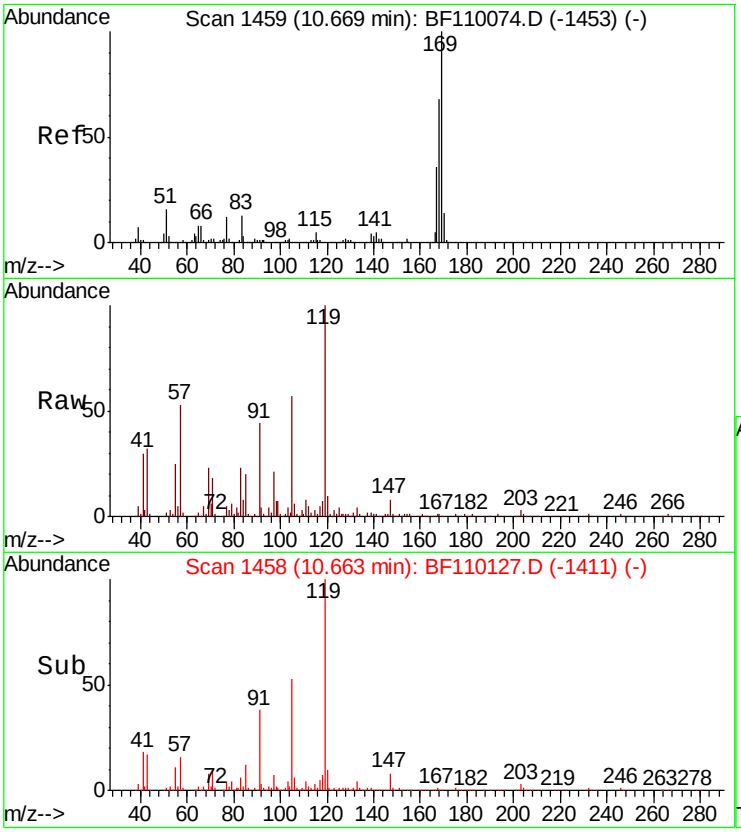


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.04 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:188 Resp: 7258

Ion	Ratio	Lower	Upper
188	100		
94	12.4	7.2	10.8#
80	41.8	7.9	11.9#



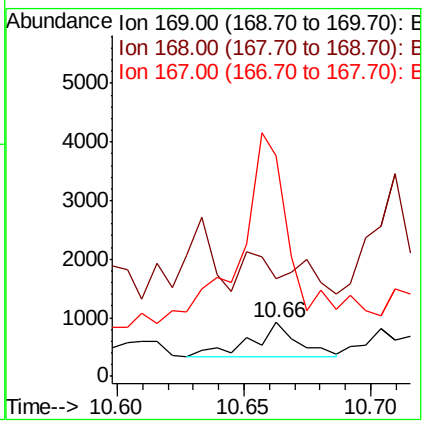


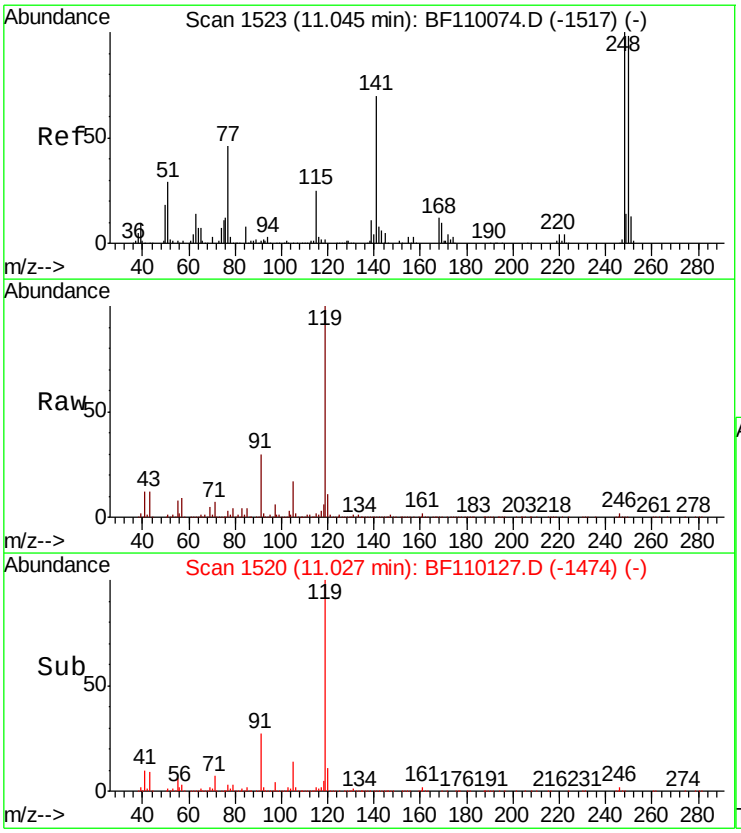
#66
n-Nitrosodiphenylamine
Concen: 3.192 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 760

Ion	Ratio	Lower	Upper
169	100		
168	181.3	51.2	76.8#
167	407.8	27.8	41.6#

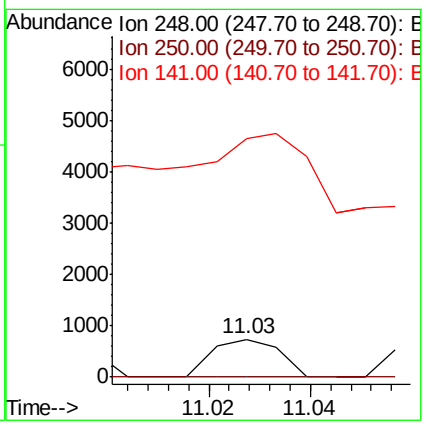


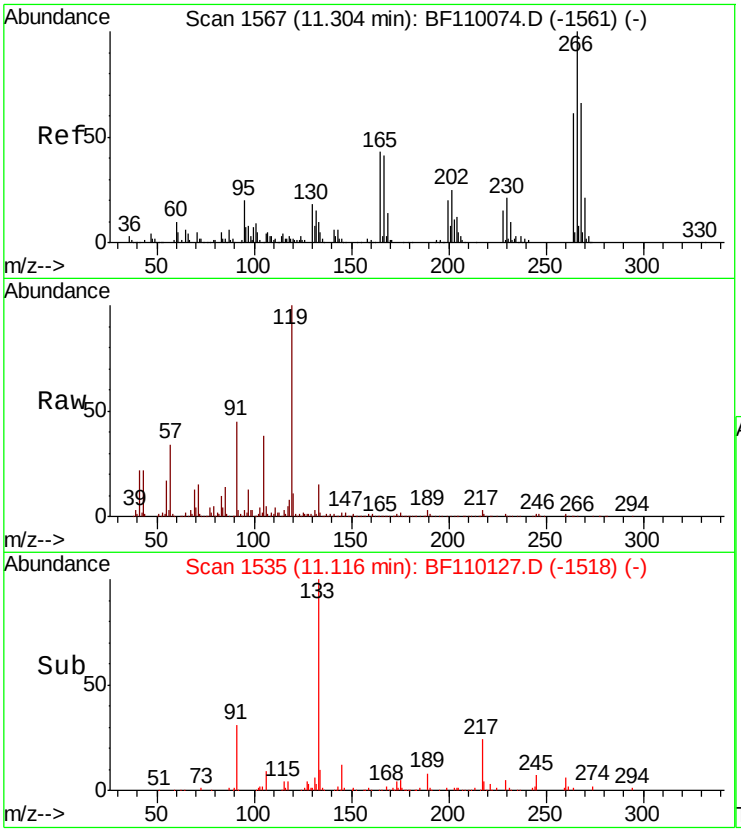


#67
4-Bromophenyl-phenylether
Concen: 8.675 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:248 Resp: 683

Ion	Ratio	Lower	Upper
248	100		
250	0.0	79.4	119.2#
141	632.4	55.9	83.9#



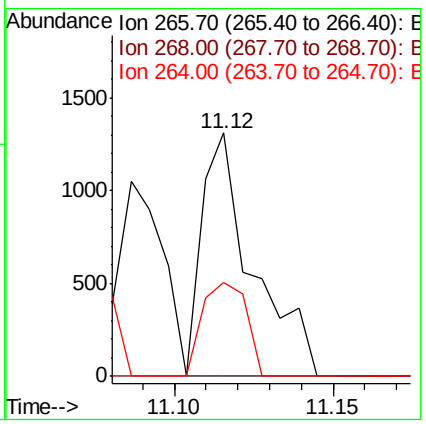


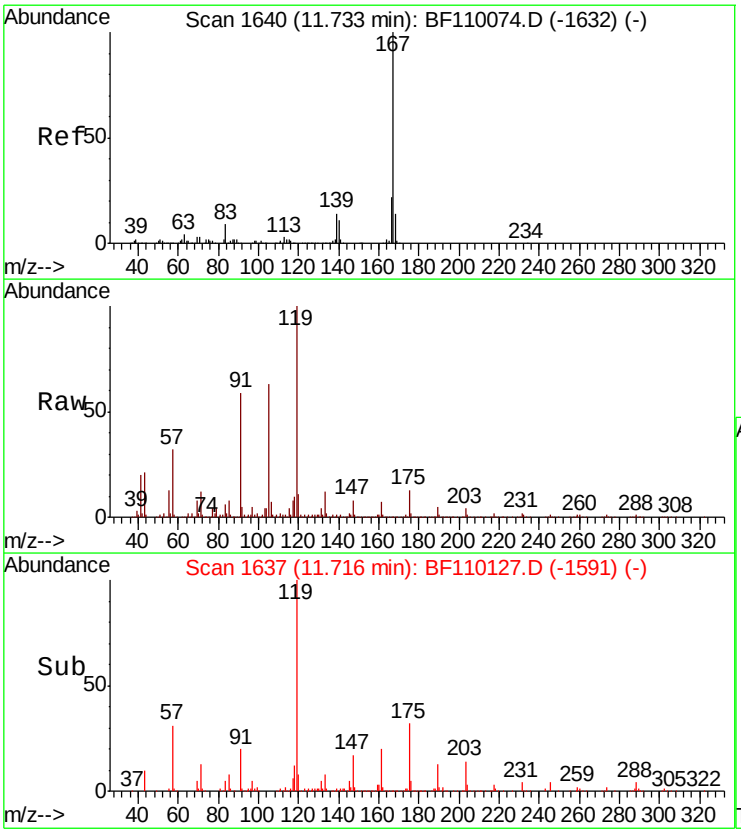
#70
Pentachlorophenol
Concen: 30.036 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.20 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 1463

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.6	75.8#
264	38.3	50.6	75.8#

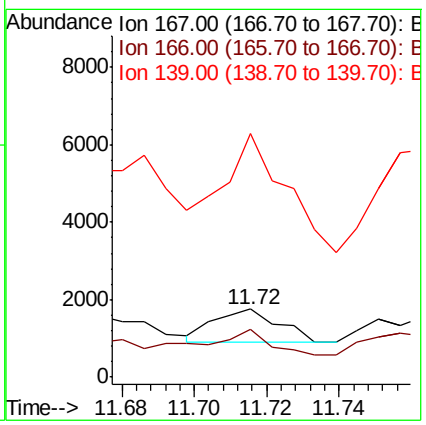


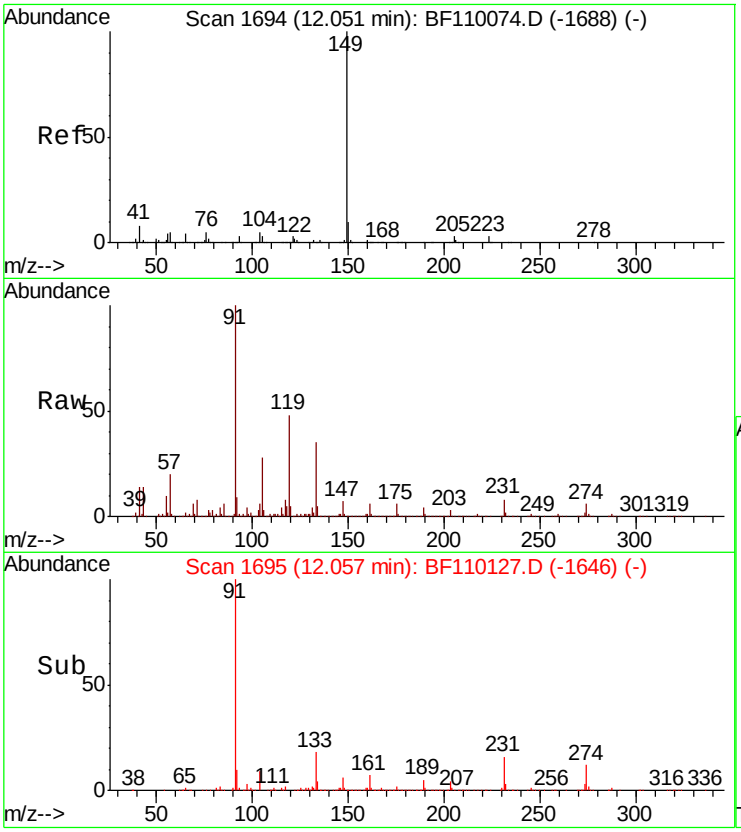


#73
Carbazole
Concen: 2.890 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:167 Resp: 1074

Ion	Ratio	Lower	Upper
167	100		
166	70.7	17.4	26.0#
139	359.0	10.9	16.3#



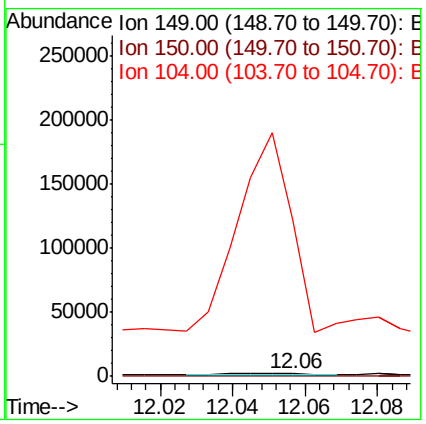


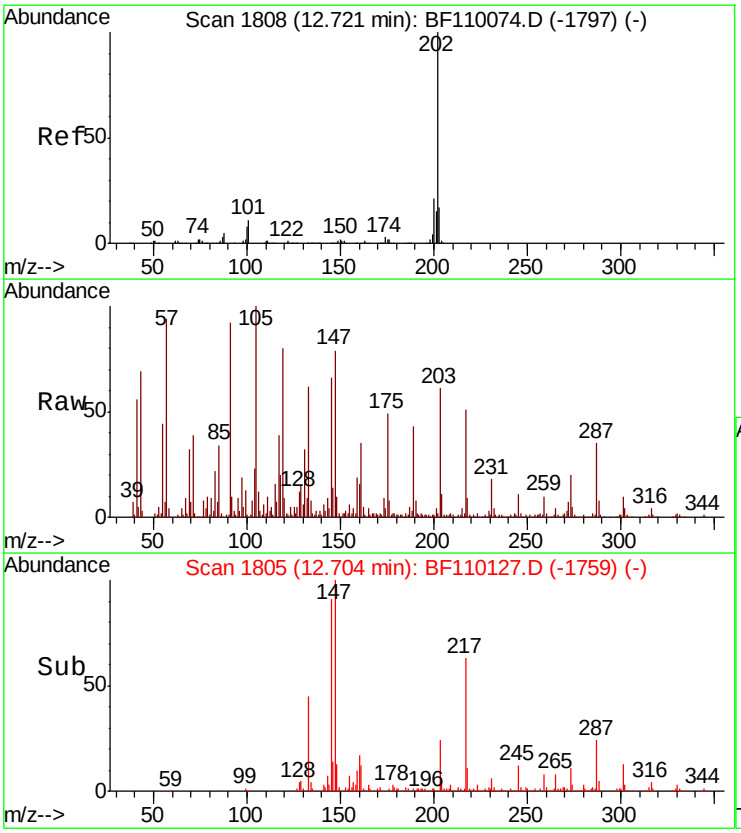
#74
Di-n-butylphthalate
Concen: 2.956 ng
RT: 12.06 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1241

Ion	Ratio	Lower	Upper
149	100		
150	22.2	7.7	11.5#
104	5712.8	4.2	6.4#

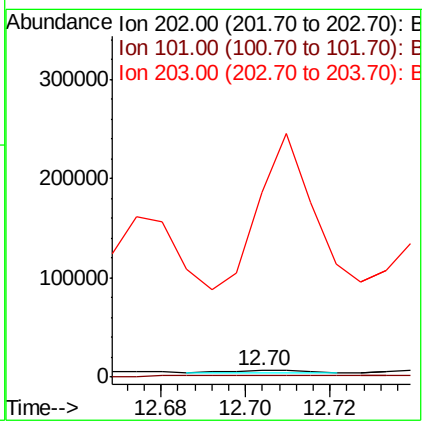


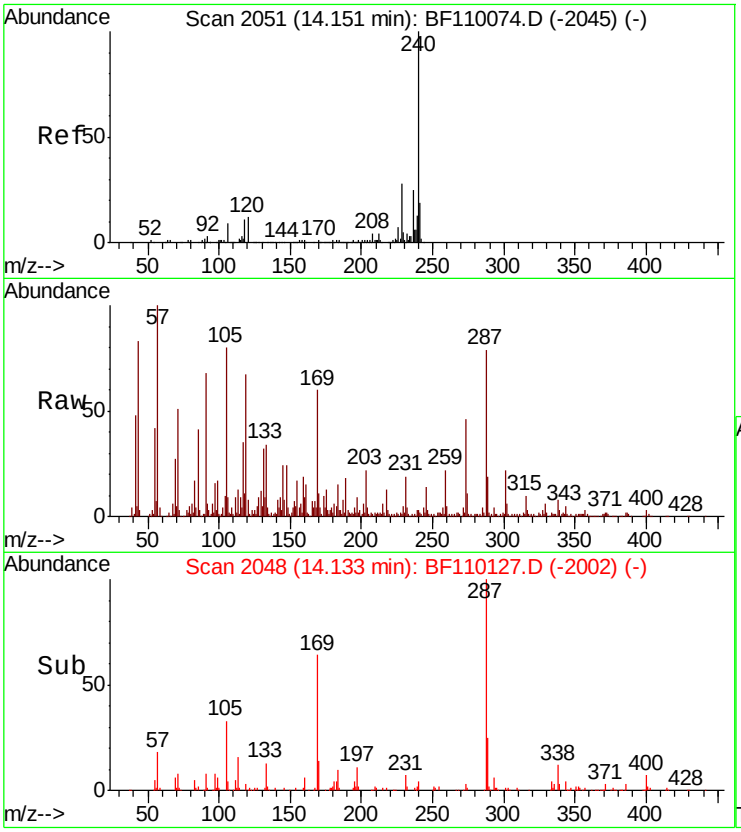


#75
Fluoranthene
Concen: 8.194 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:202 Resp: 3158

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	31.4
203	2787.4	0.0	37.7#



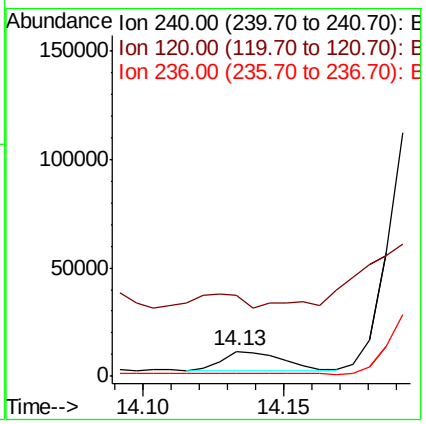


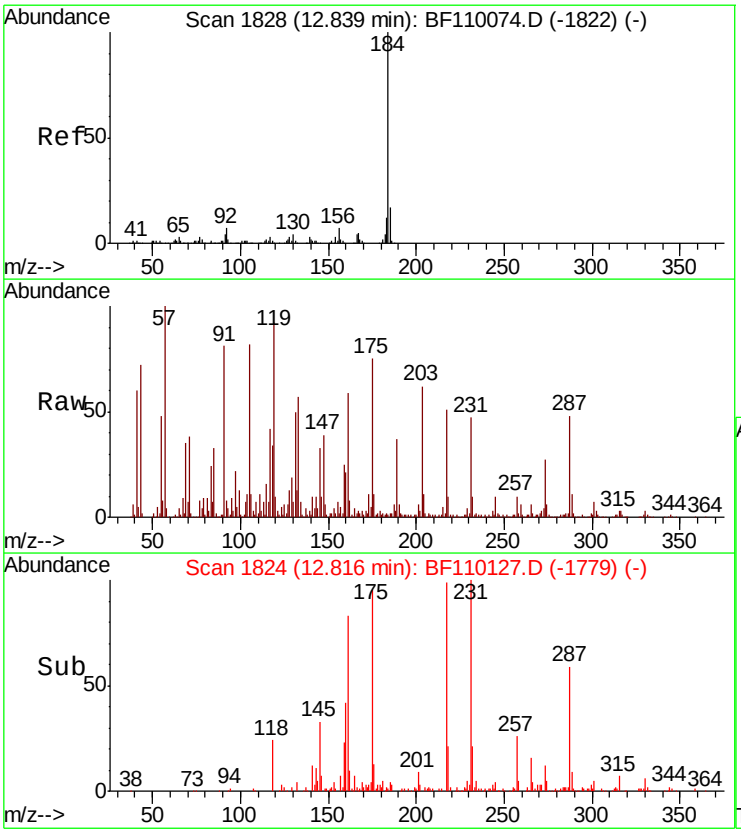
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 13154

Ion	Ratio	Lower	Upper
240	100		
120	323.6	8.3	12.5#
236	12.8	21.2	31.8#

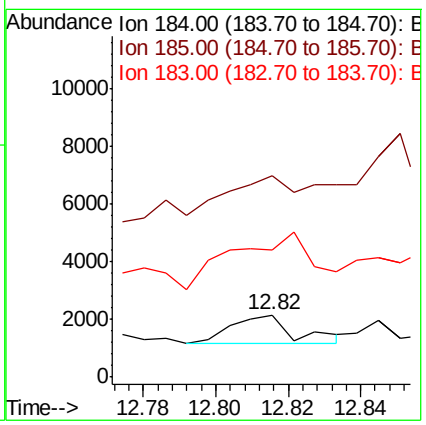


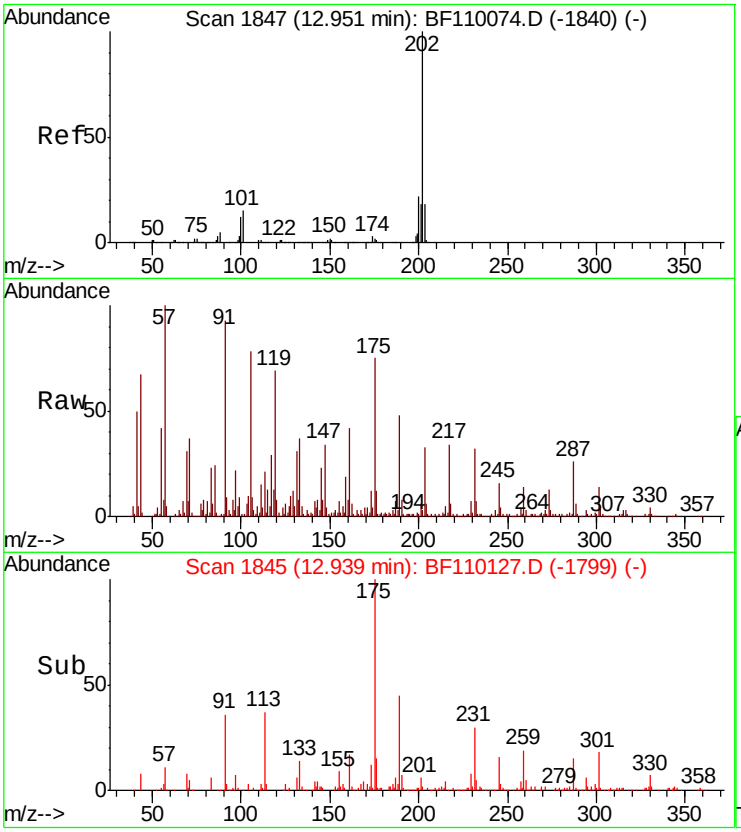


#77
Benzidine
Concen: 2.236 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:184 Resp: 1222

Ion	Ratio	Lower	Upper
184	100		
185	321.3	13.4	20.2#
183	204.2	9.4	14.2#



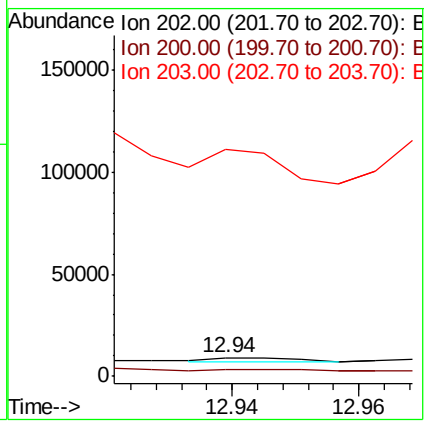


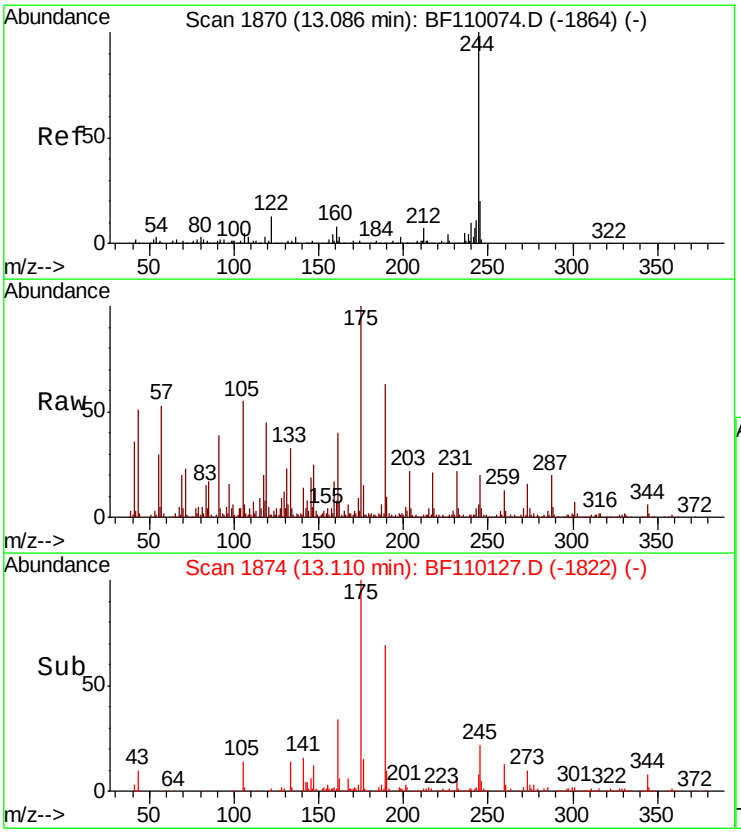
#78
Pyrene
Concen: 2.105 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1985

Ion	Ratio	Lower	Upper
202	100		
200	34.7	17.8	26.6#
203	1214.7	14.2	21.4#

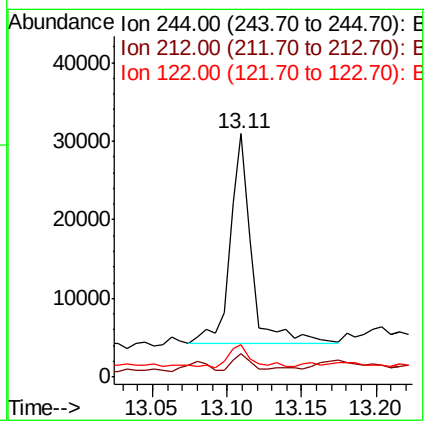


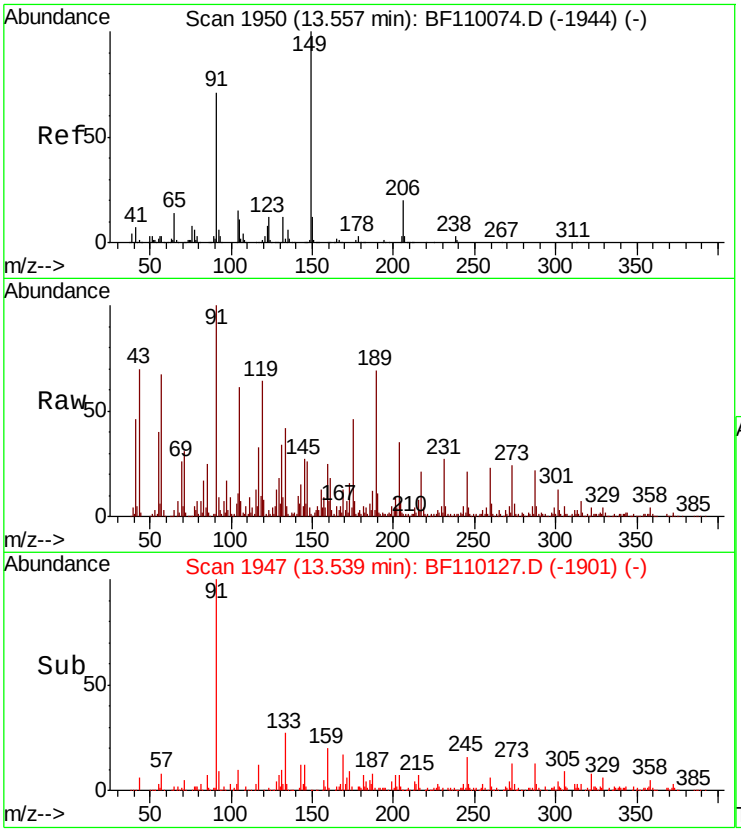


#79
Terphenyl-d14
Concen: 42.649 ng
RT: 13.11 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:244 Resp: 26975

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	13.4	8.7	13.1#



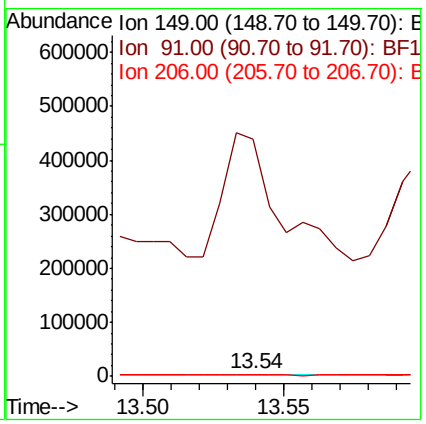


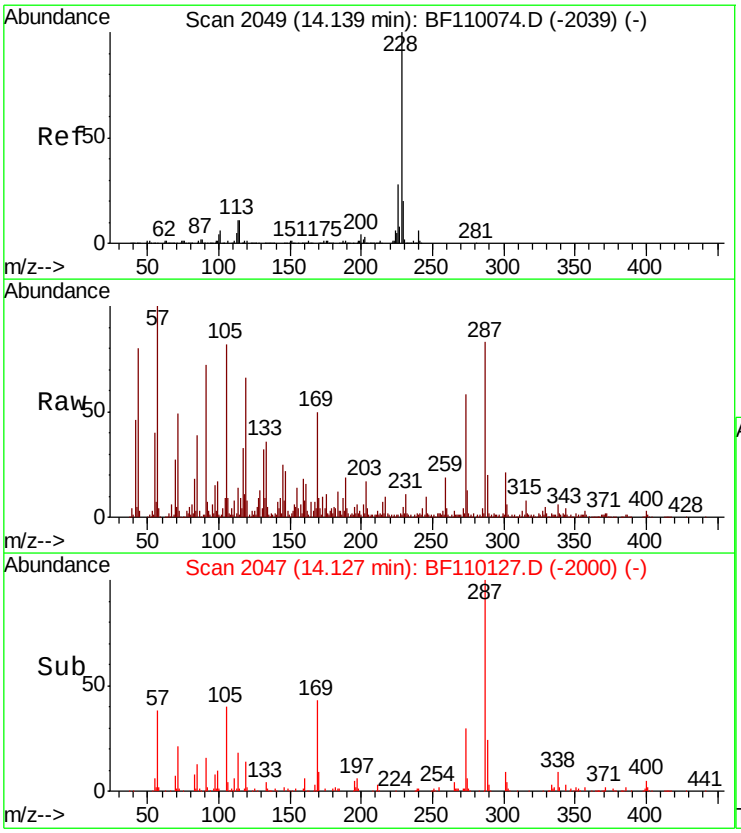
#80
Butylbenzylphthalate
Concen: 3.670 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.03 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1502

Ion	Ratio	Lower	Upper
149	100		
91	12232.7	57.2	85.8#
206	62.5	15.7	23.5#

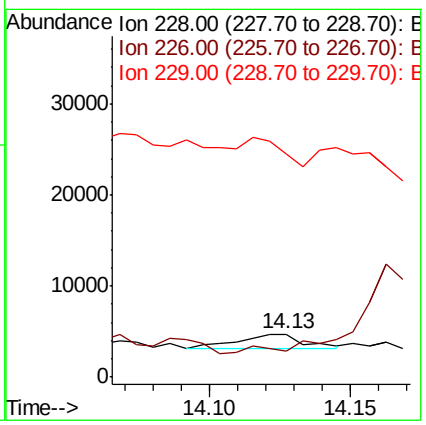


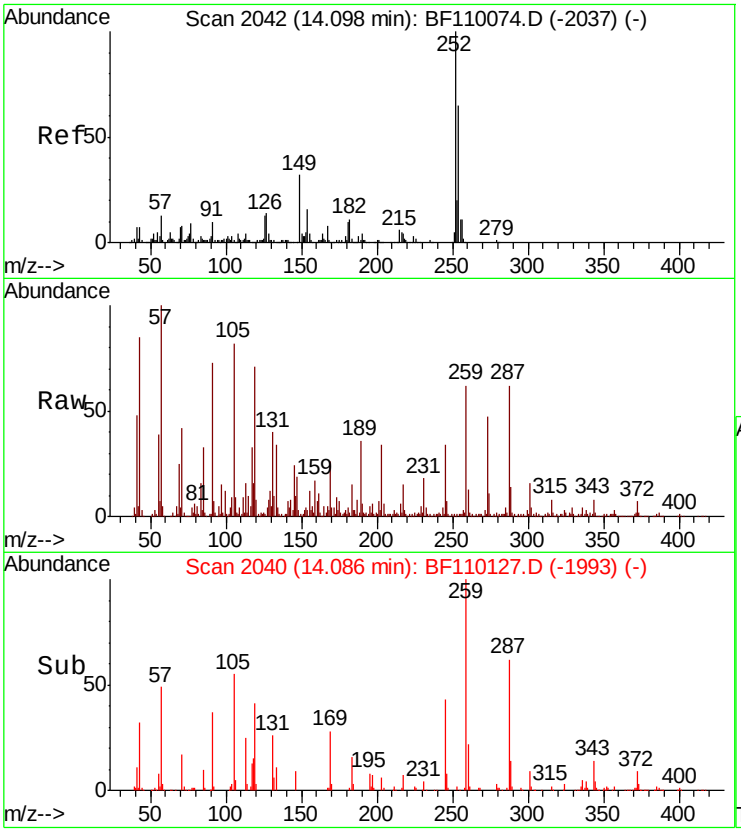


#81
Benzo(a)anthracene
Concen: 3.165 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:228 Resp: 2469

Ion	Ratio	Lower	Upper
228	100		
226	60.7	22.1	33.1#
229	520.8	15.6	23.4#



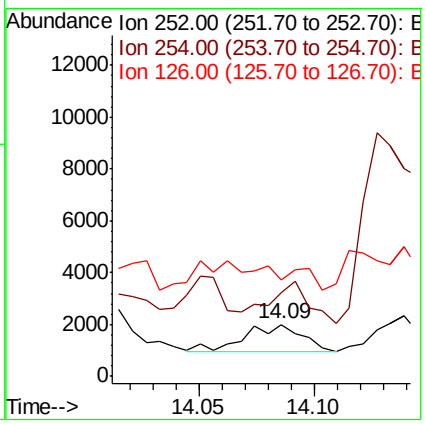


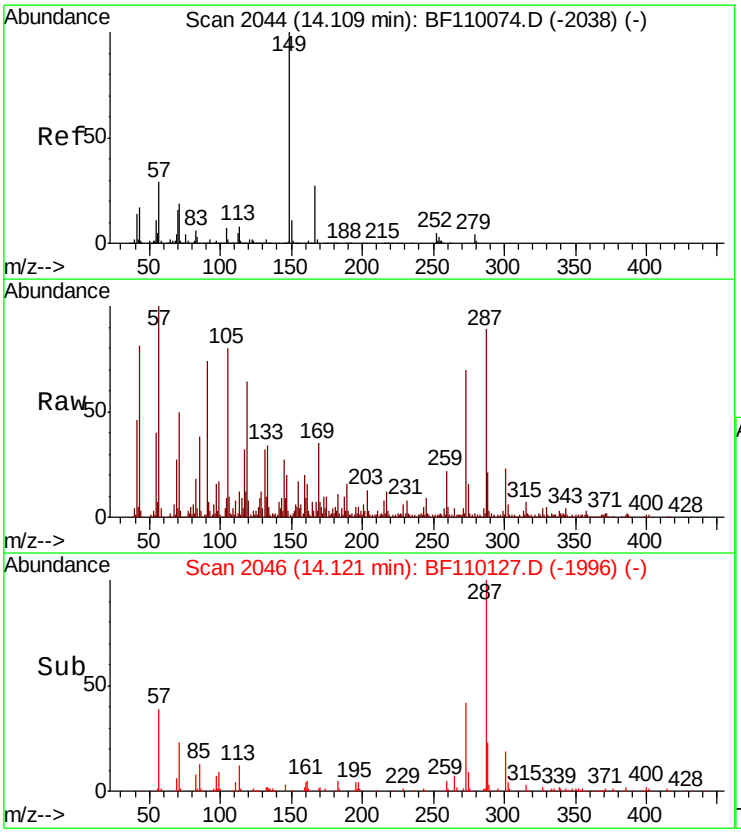
#82
3,3'-Dichlorobenzidine
Concen: 6.520 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1771

Ion	Ratio	Lower	Upper
252	100		
254	161.5	51.3	76.9#
126	186.4	9.4	14.2#

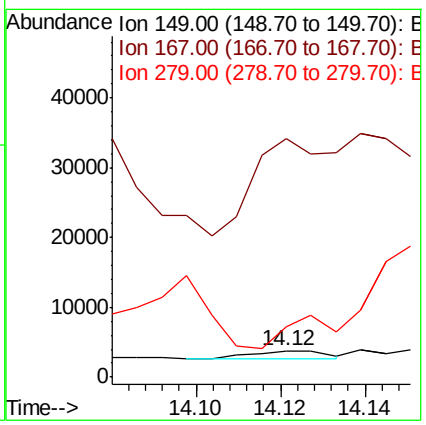


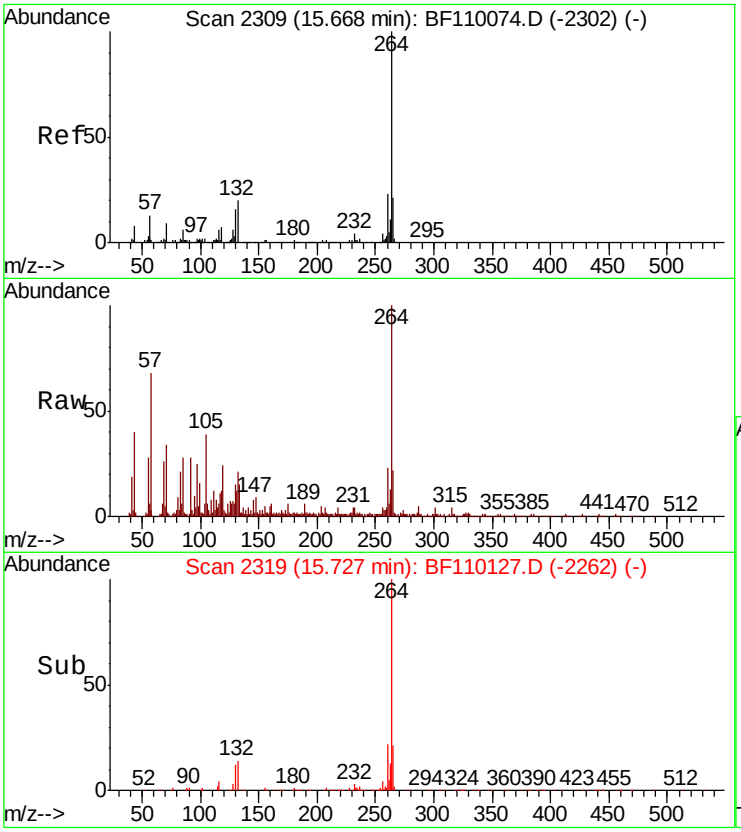


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.481 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Tgt Ion:149 Resp: 1373

Ion	Ratio	Lower	Upper
149	100		
167	908.8	19.8	29.8#
279	191.4	2.7	4.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.73 min Scan# 2319
Delta R.T. 0.04 min
Lab File: BF110127.D
Acq: 24 Oct 2018 20:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 197684

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.9	16.7	25.1