Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 12 00:59:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	18911	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	67187	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	29627	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	47992	20.00	ng		0.01
76) Chrysene-d12	14.07	240	30667	20.00	ng		0.02
87) Perylene-d12	15.56	264	26940	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	95448	86.35	ng		0.00
7) Phenol-d6	6.52	99	127237	89.31	ng		0.00
23) Nitrobenzene-d5	7.43	82	66015	52.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	33779	87.66	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	124767	61.41	ng		0.00
79) Terphenyl-d14	13.00	244	104284	64.55	ng		0.02
Target Compounds							Qvalue
15) Benzyl Alcohol	7.03	79	3225	2.861	ng	#	60
25) Isophorone	7.69	82	7550	3.709	ng	#	1
35) Caprolactam	8.61	113	2274	6.686	ng	#	1
47) 2-Chloronaphthalene	9.38	162	4419	2.272	ng	#	21
48) 2-Nitroaniline	9.46	65	3105	5.221	ng	#	1
49) Acenaphthylene	9.77	152	7633	2.654	ng	#	16
50) Dimethylphthalate	9.62	163	30987	13.923	ng	#	82
51) 2,6-Dinitrotoluene	9.69	165	3143	6.315	ng	#	61
52) Acenaphthene	9.95	154	109630	59.138	ng		99
53) 3-Nitroaniline	9.87	138	2274	4.267	ng	#	60
55) Dibenzofuran	10.12	168	17153	6.362	ng	#	70
56) 4-Nitrophenol	10.05	139	866	2.300	ng	#	1
57) 2,4-Dinitrotoluene	10.09	165	6613	10.283	ng	#	57
58) Fluorene	10.48	166	7540	3.844	ng	#	1
60) Diethylphthalate	10.33	149	6840	3.176	ng	#	19
61) 4-Chlorophenyl-phenylether	10.47	204	2307	2.097	ng	#	1
62) 4-Nitroaniline	10.38	138	7084	14.013	ng		88
63) Azobenzene	10.64	77	10727	5.214	ng	#	7
65) 4,6-Dinitro-2-methylphenol	10.52	198	2836	9.577	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	63323	39.319	ng	#	51
69) Atrazine	11.10	200	2034	3.595	ng	#	1
70) Pentachlorophenol	11.22	266	793	2.023	ng	#	45
72) Anthracene	11.49	178	85698	32.901	ng	#	79
74) Di-n-butylphthalate	11.96	149	10706	3.638	ng	#	16
75) Fluoranthene	12.64	202	227345	86.308	ng		92
77) Benzidine	12.74	184	7548	8.237	ng	#	1
78) Pyrene	12.64	202	227345	107.742	ng		95
80) Butylbenzylphthalate	13.46	149	5935	6.653	ng	#	1
81) Benzo(a)anthracene	14.06	228	36282	20.557	ng	#	52
82) 3,3'-Dichlorobenzidine	14.00	252	4316	6.624	ng	#	1
83) Chrysene	14.10	228	41257	24.517	ng	#	56
84) Bis(2-ethylhexyl)phthalate	14.04	149	114969	98.134	ng	#	84
86) Indeno(1,2,3-cd)pyrene	17.06	276	8636	7.039	ng	#	82
88) Benzo(b)fluoranthene	15.13	252	29099	18.057	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112033.D
Acq On : 11 Jan 2019 23:22
Operator : JU/SJ
Sample : K1102-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 12 00:59:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
89) Benzo(k)fluoranthene	15.13	252	29099	19.210	ng	#	1
90) Benzo(a)pyrene	15.50	252	17247	12.172	ng	#	1
91) Dibenzo(a,h)anthracene	17.06	278	3717	3.261	ng	#	1
92) Benzo(g,h,i)perylene	17.52	276	8466	7.595	ng	#	3

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
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Acq On : 11 Jan 2019 23:22
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Misc :
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Instrument :
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ClientSampleId :

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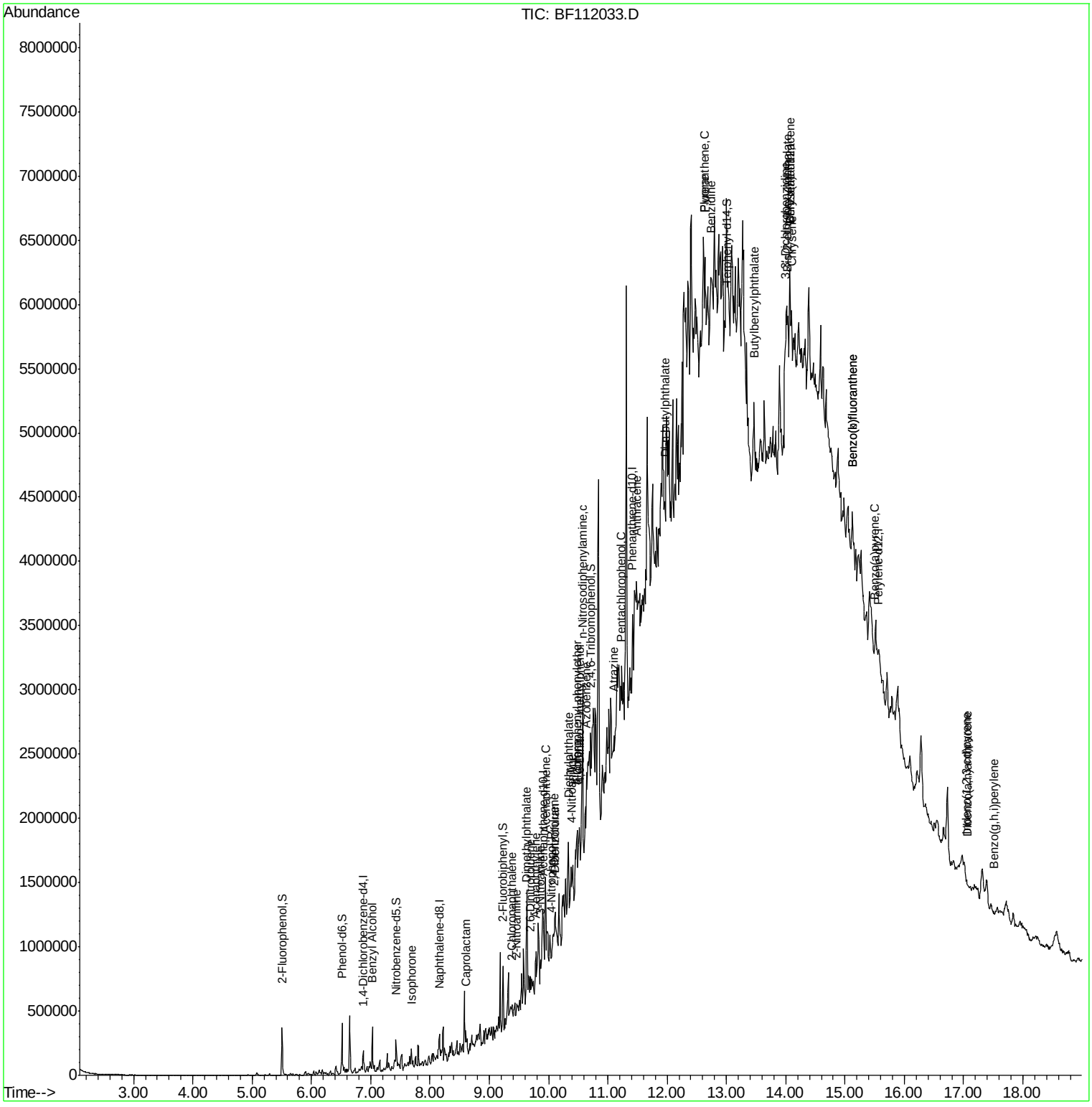
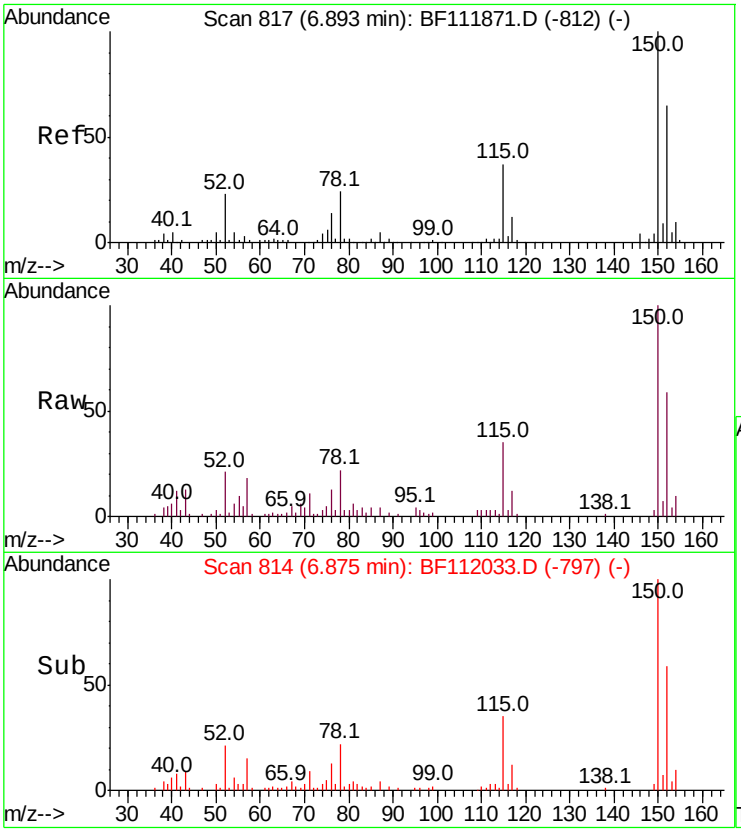
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration



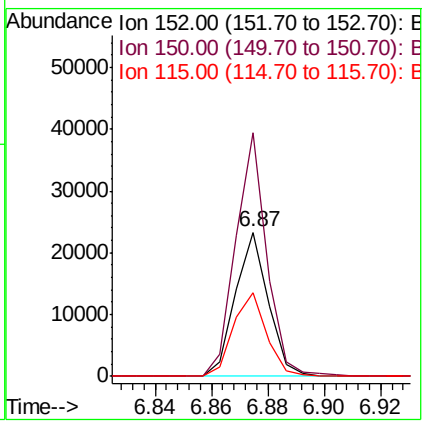


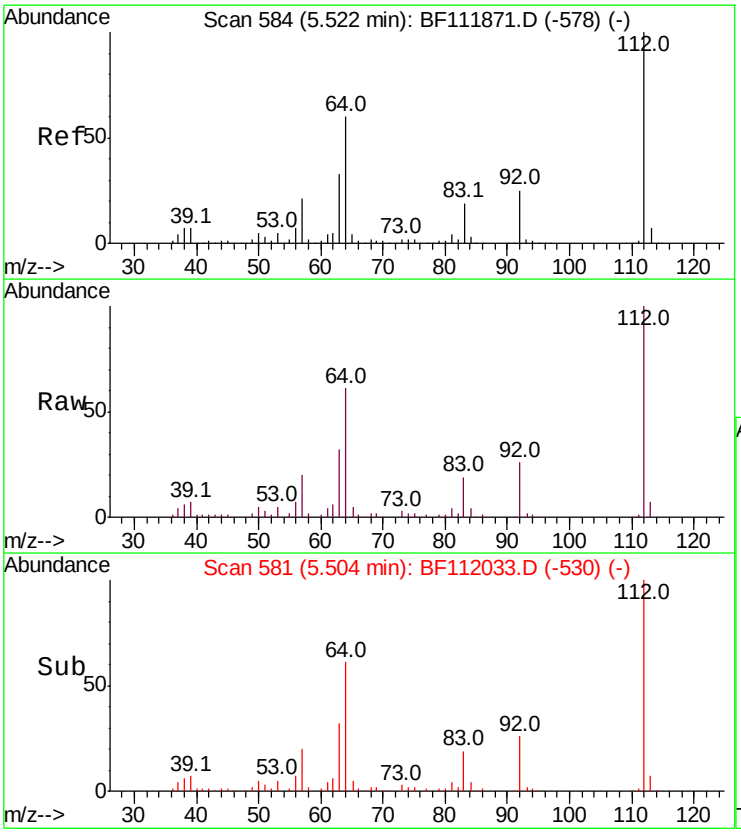
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 18911

Ion	Ratio	Lower	Upper
152	100		
150	168.9	122.7	184.1
115	58.4	45.2	67.8

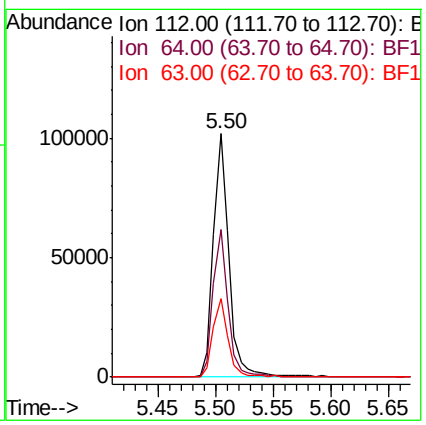


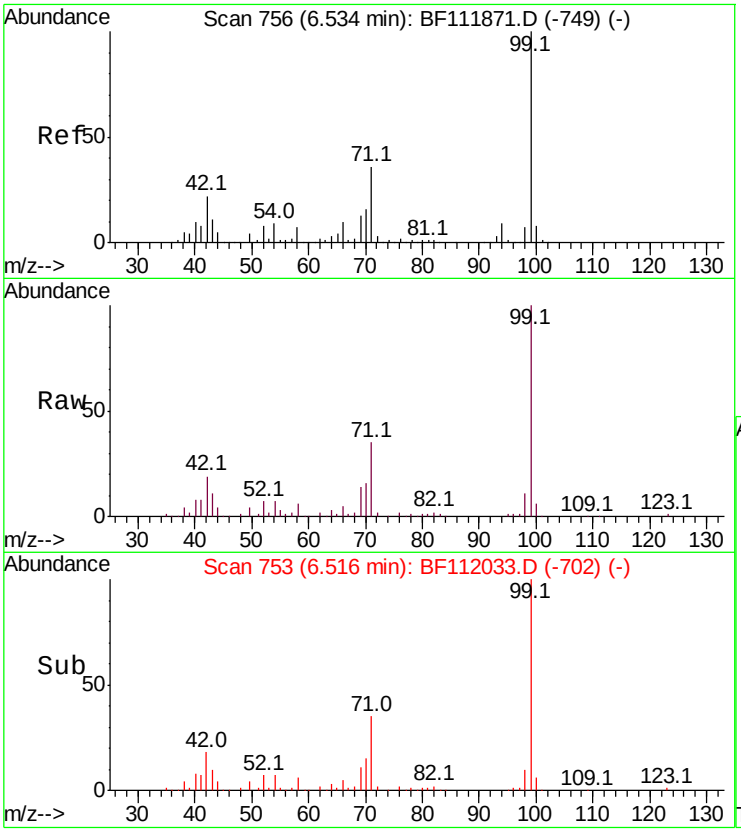


#5
2-Fluorophenol
Concen: 86.349 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:112 Resp: 95448

Ion	Ratio	Lower	Upper
112	100		
64	60.5	48.3	72.5
63	32.2	26.1	39.1



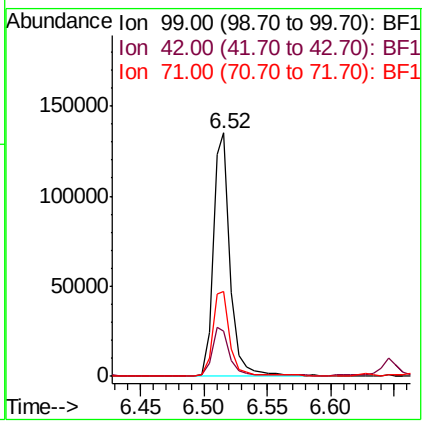


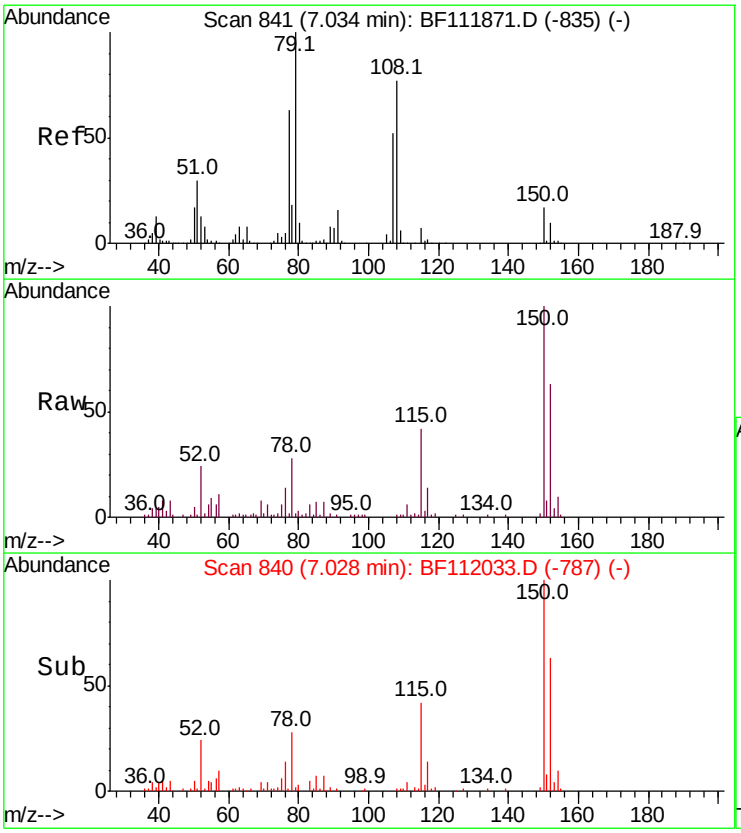
#7
Phenol-d6
Concen: 89.308 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 127237

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.9	26.9
71	34.9	28.7	43.1

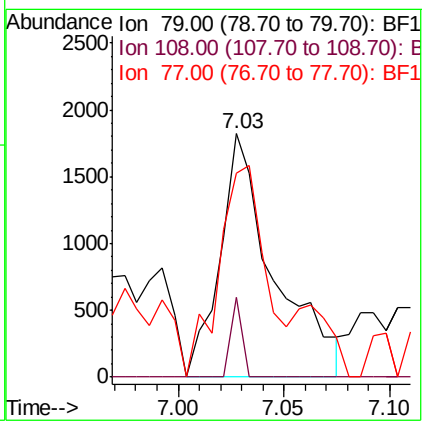


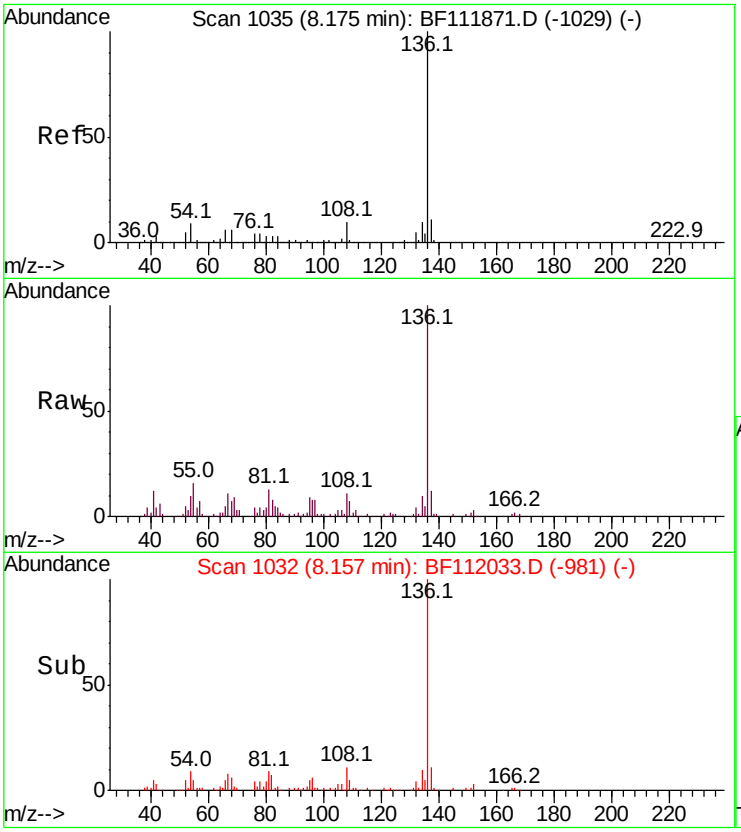


#15
Benzyl Alcohol
Concen: 2.861 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion: 79 Resp: 3225

Ion	Ratio	Lower	Upper
79	100		
108	32.6	61.4	92.0#
77	83.7	50.4	75.6#



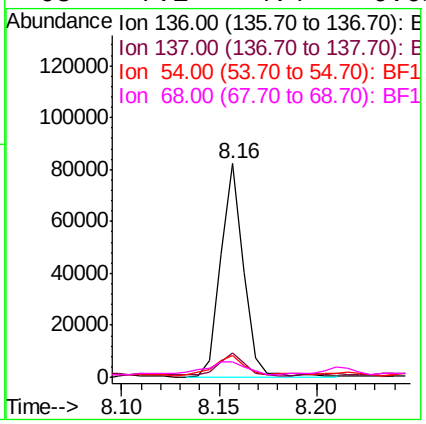


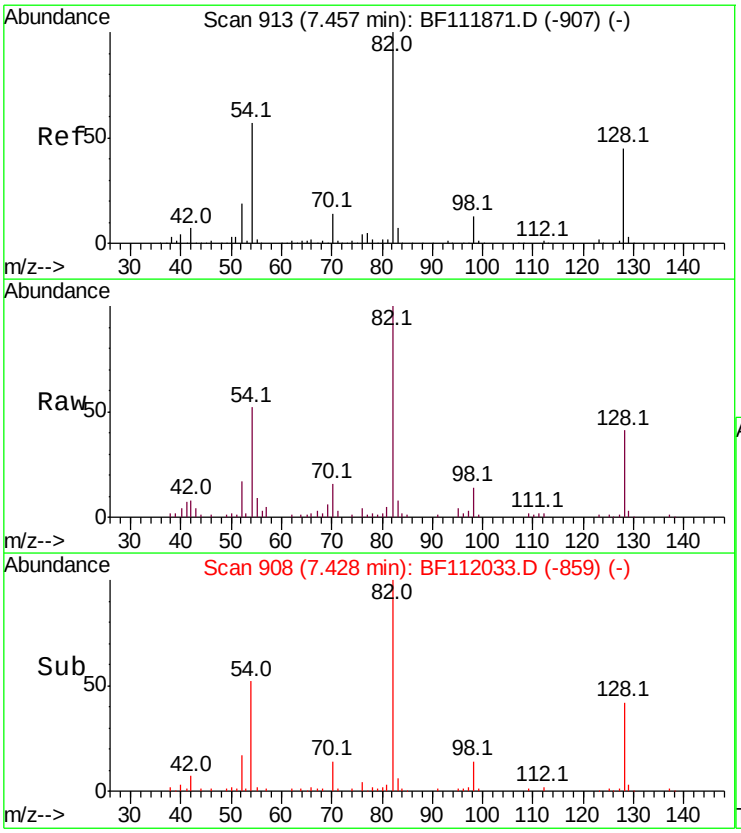
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 67187

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.2	7.2	10.8
68	7.1	4.4	6.6#

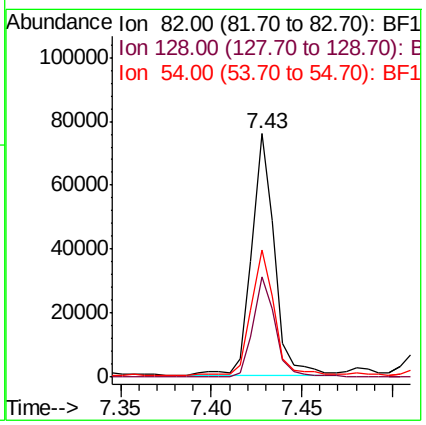


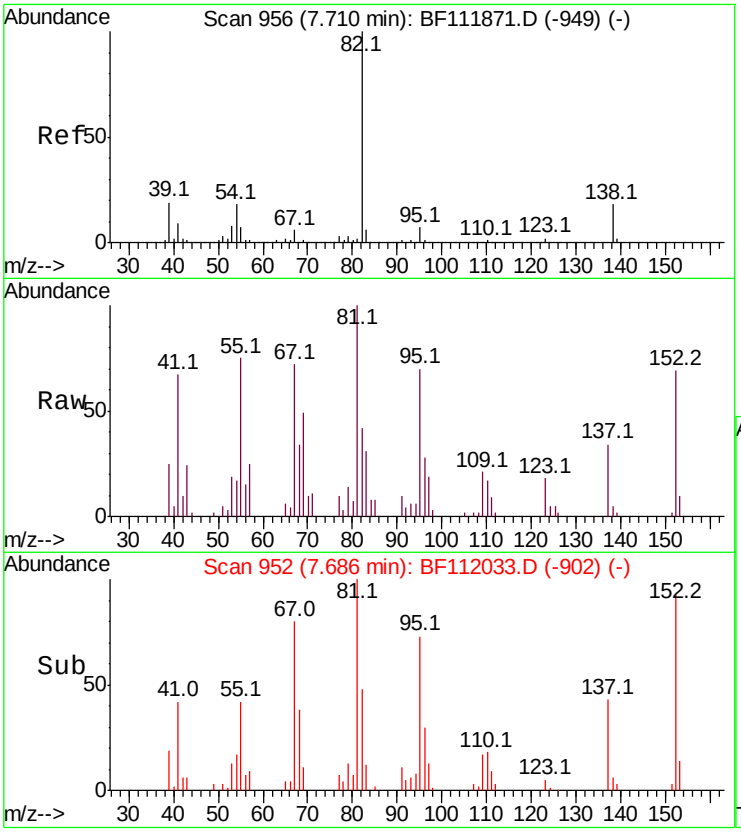


#23
Nitrobenzene-d5
Concen: 52.513 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion: 82 Resp: 66015

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.7	53.5
54	52.4	45.8	68.8



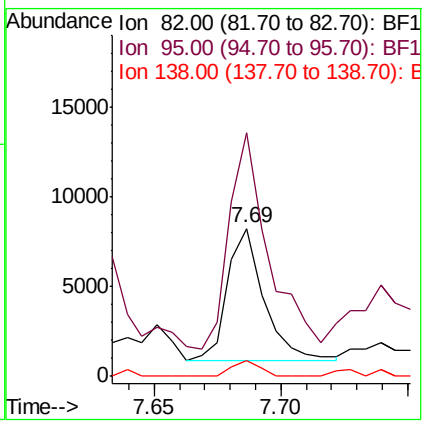


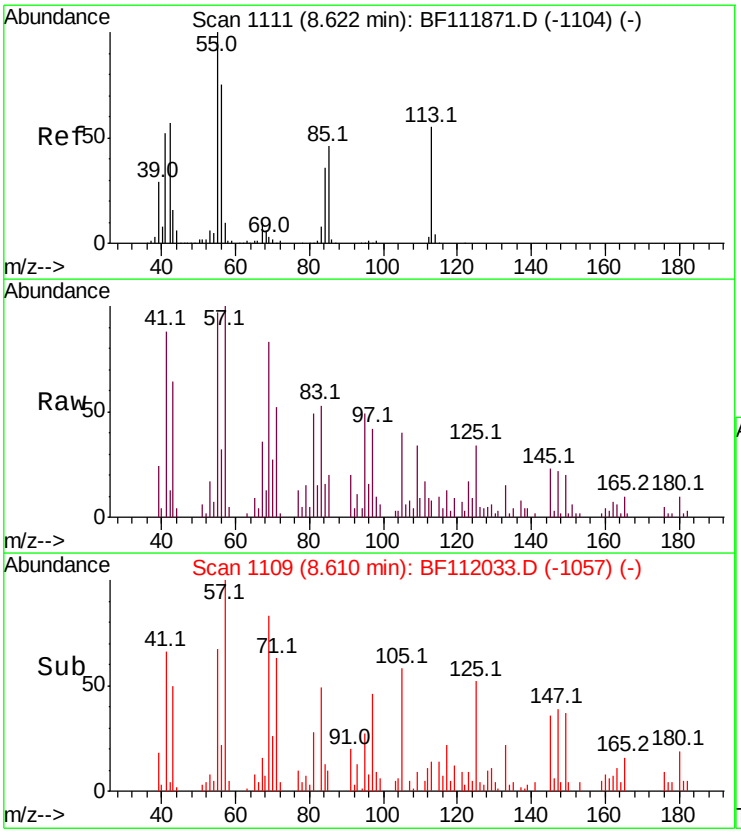
#25
Isophorone
Concen: 3.709 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 7550

Ion	Ratio	Lower	Upper
82	100		
95	164.3	5.8	8.6#
138	10.8	14.4	21.6#

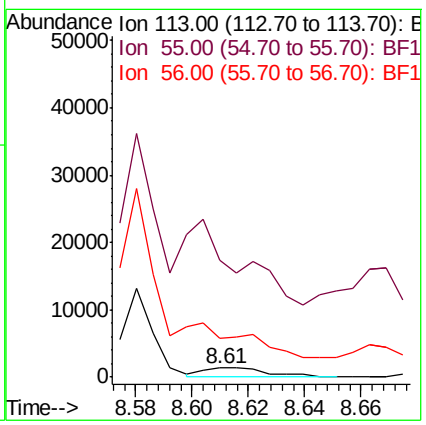


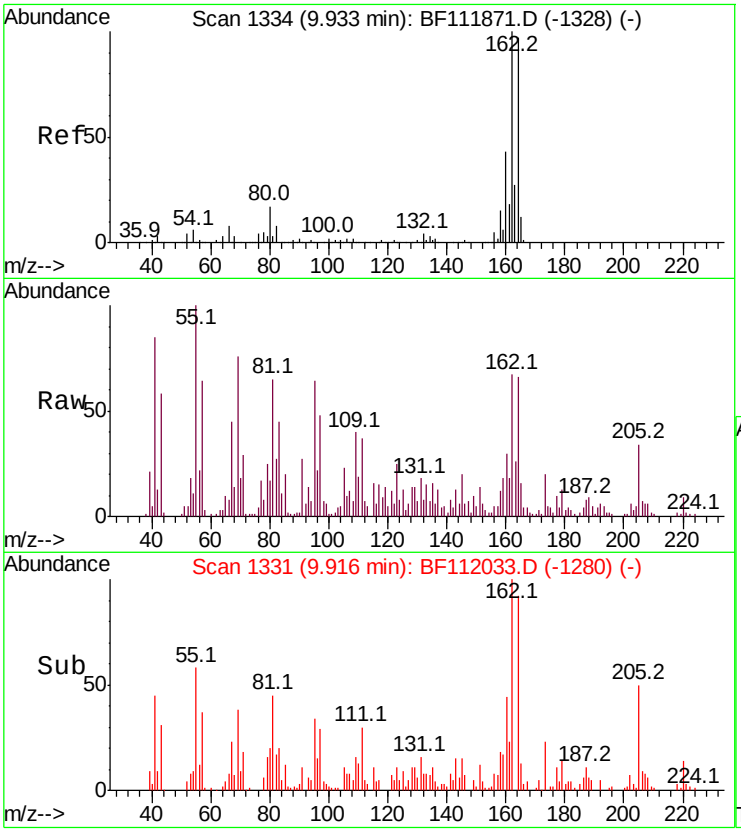


#35
Caprolactam
Concen: 6.686 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:113 Resp: 2274

Ion	Ratio	Lower	Upper
113	100		
55	1278.4	162.0	202.0#
56	418.3	116.0	156.0#



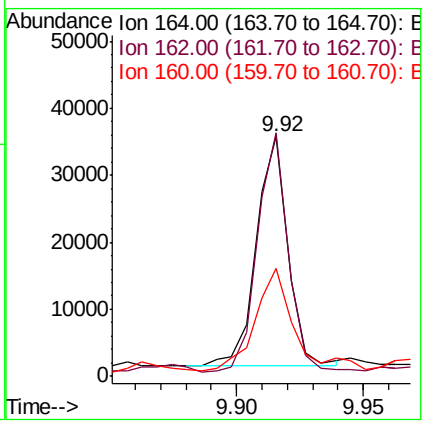


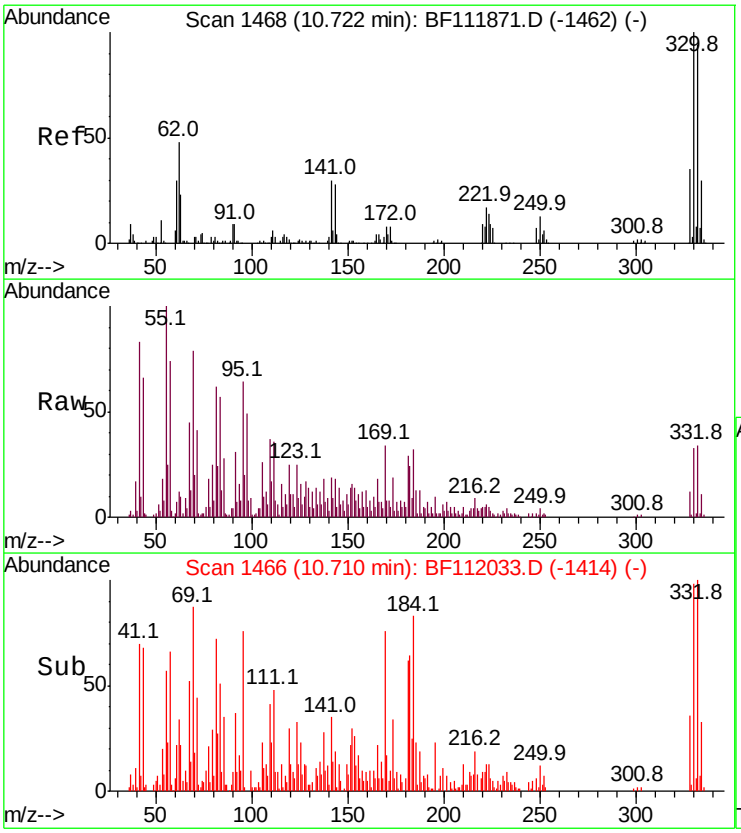
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 29627

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	45.2	35.5	53.3

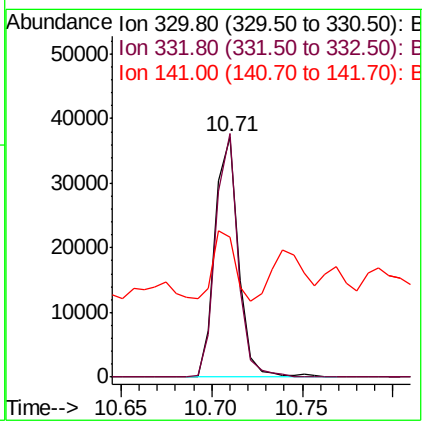


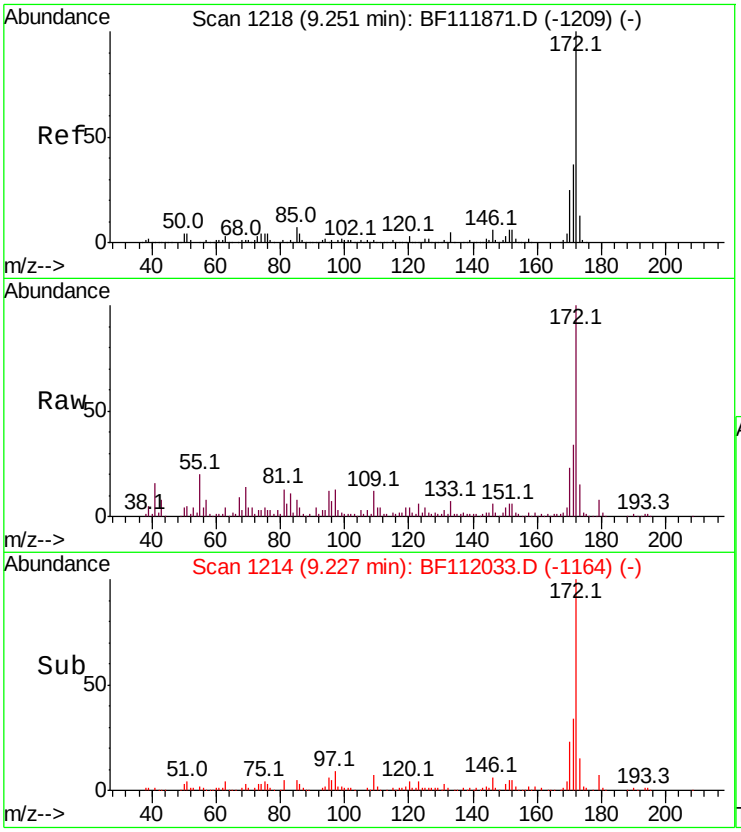


#42
2,4,6-Tribromophenol
Concen: 87.656 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:330 Resp: 33779

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.3	23.7	35.5



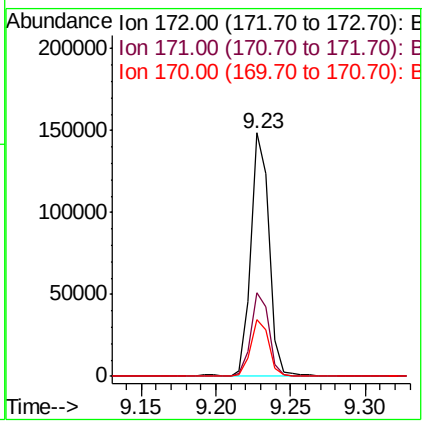


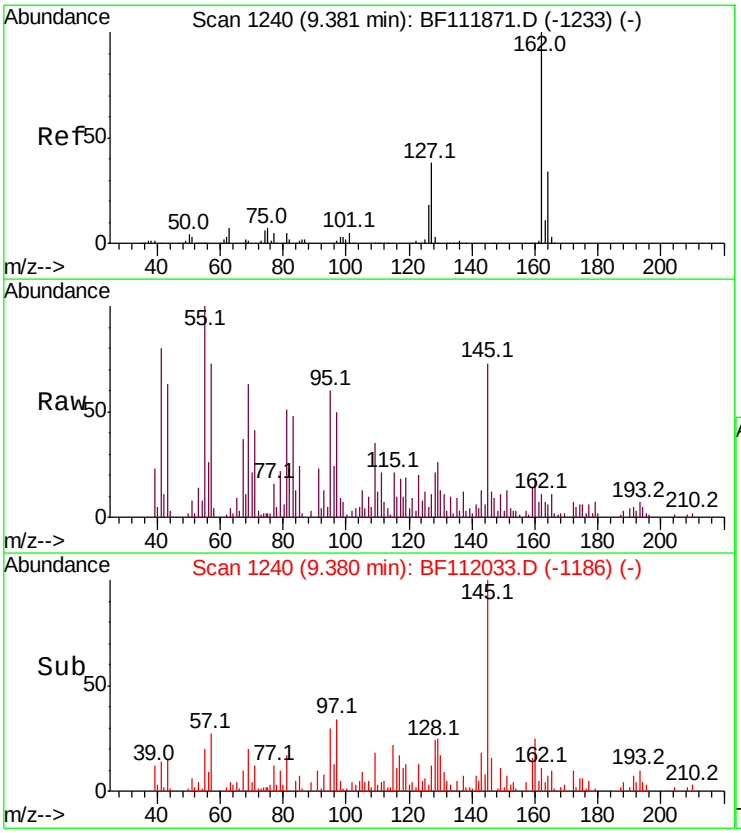
#45
2-Fluorobiphenyl
Concen: 61.409 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 124767

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.2	19.8	29.8

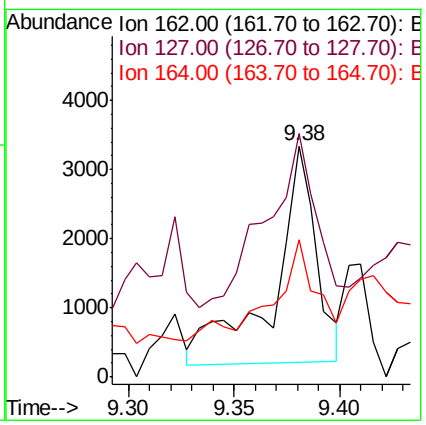


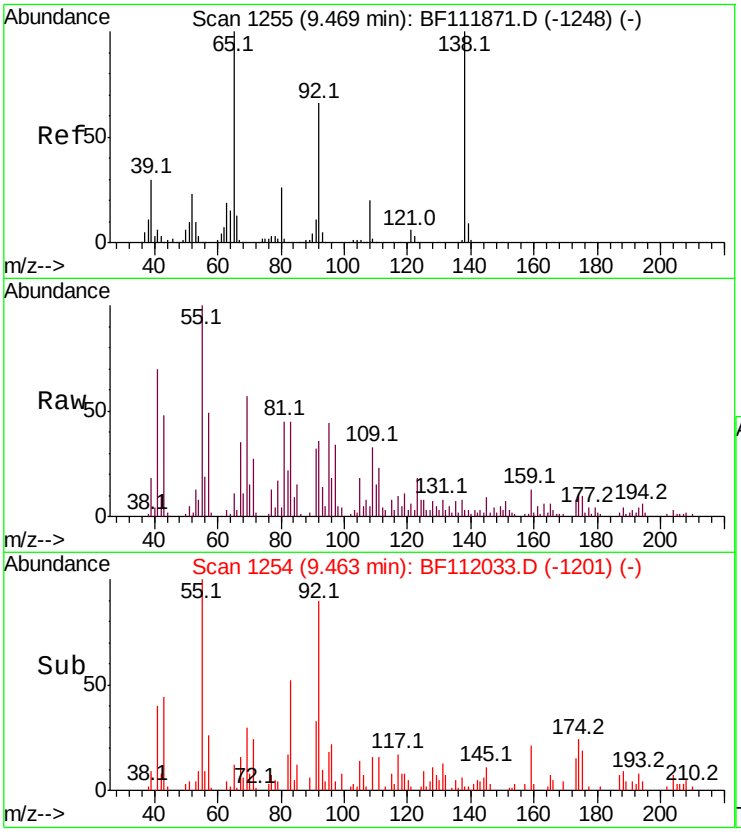


#47
2-Chloronaphthalene
Concen: 2.272 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:162 Resp: 4419

Ion	Ratio	Lower	Upper
162	100		
127	105.4	31.2	46.8#
164	59.4	27.0	40.6#



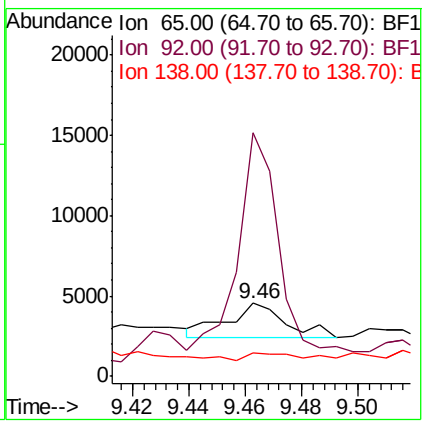


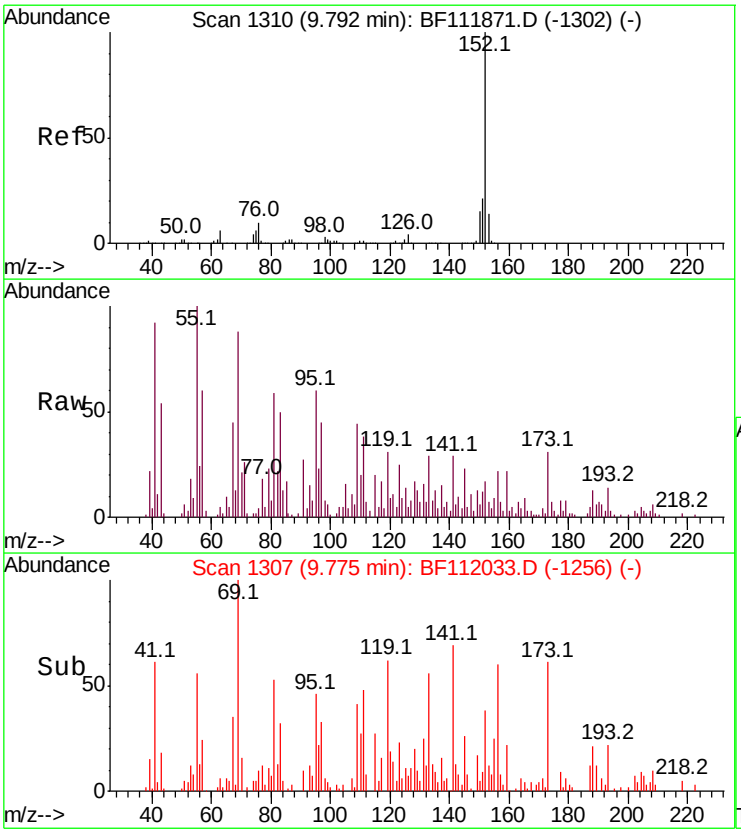
#48
2-Nitroaniline
Concen: 5.221 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 3105

Ion	Ratio	Lower	Upper
65	100		
92	334.6	52.5	78.7#
138	32.4	79.8	119.6#

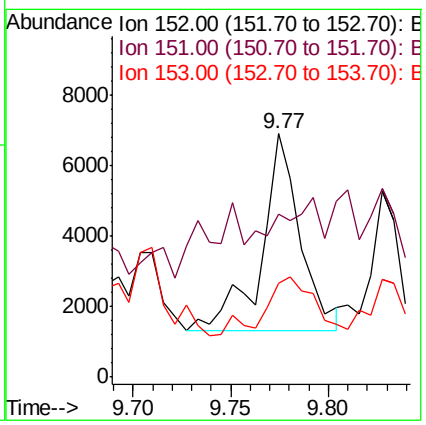


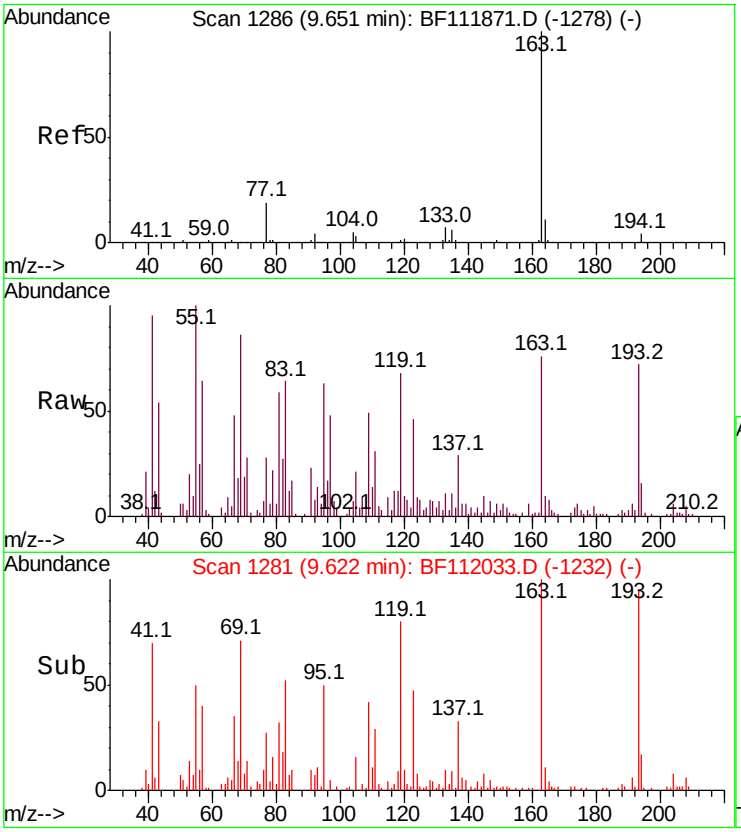


#49
Acenaphthylene
Concen: 2.654 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:152 Resp: 7633

Ion	Ratio	Lower	Upper
152	100		
151	67.0	16.6	25.0#
153	38.6	11.0	16.4#



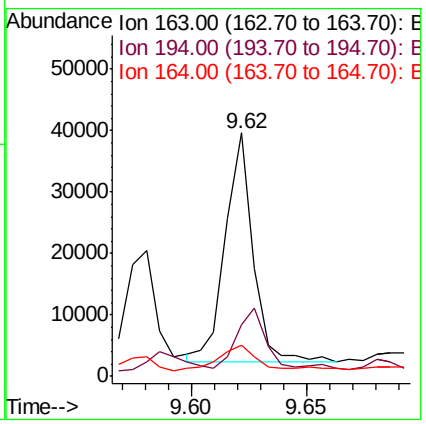


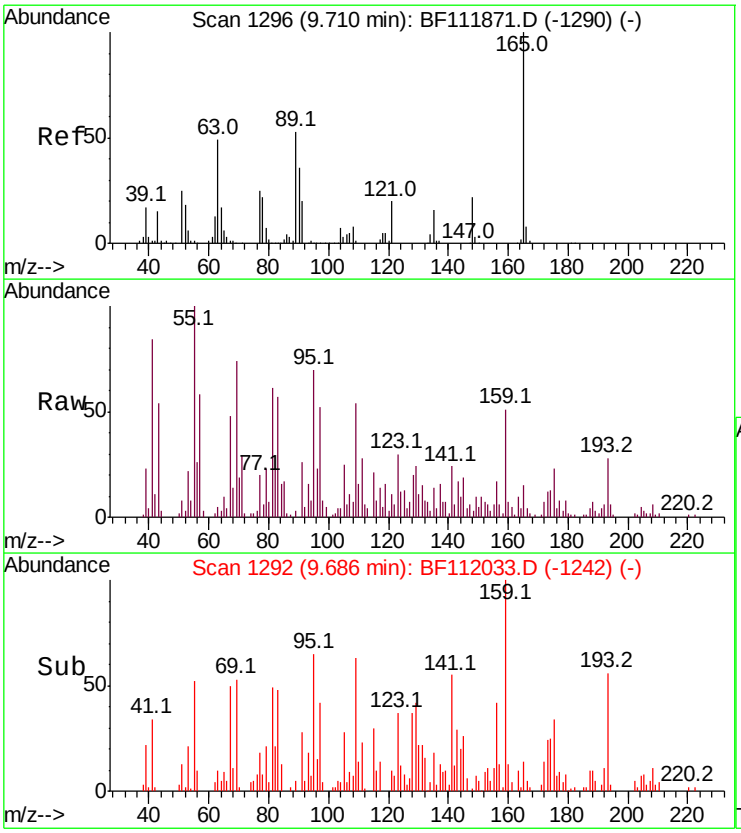
#50
Dimethylphthalate
Concen: 13.923 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 30987

Ion	Ratio	Lower	Upper
163	100		
194	21.2	3.4	5.2#
164	12.6	8.5	12.7

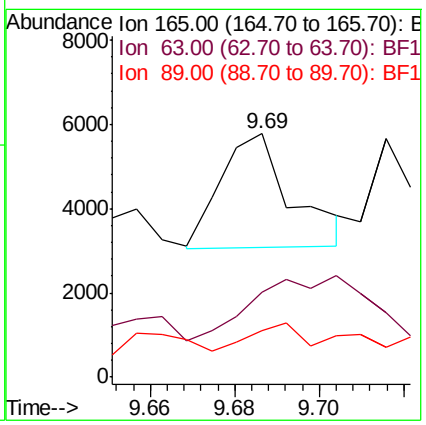


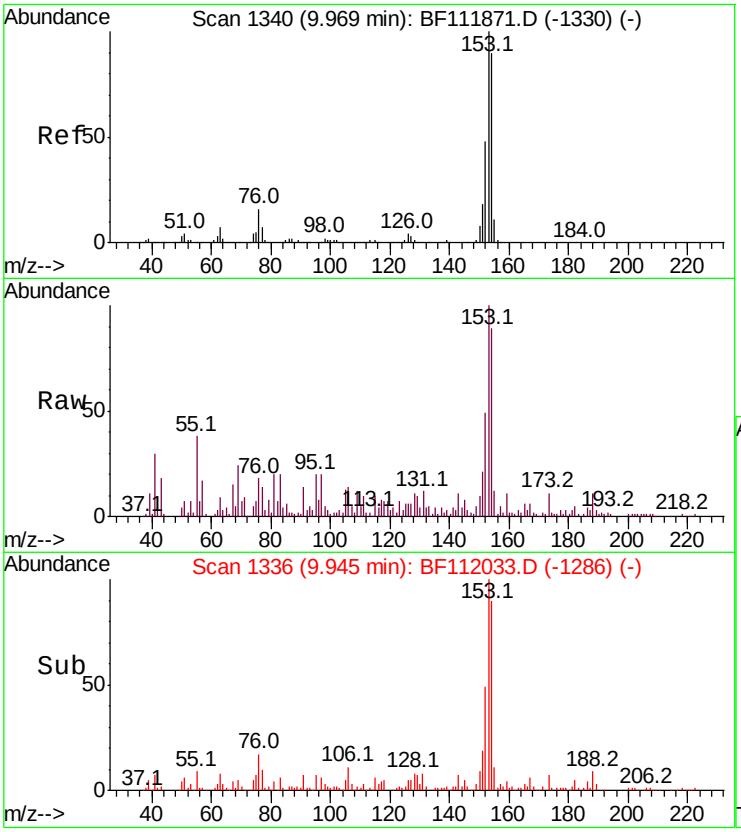


#51
2,6-Dinitrotoluene
Concen: 6.315 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:165 Resp: 3143

Ion	Ratio	Lower	Upper
165	100		
63	35.0	46.2	69.2#
89	19.2	42.2	63.2#



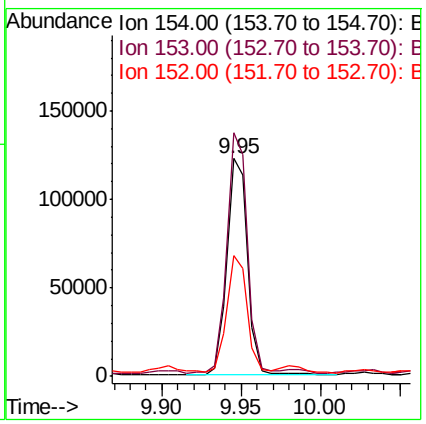


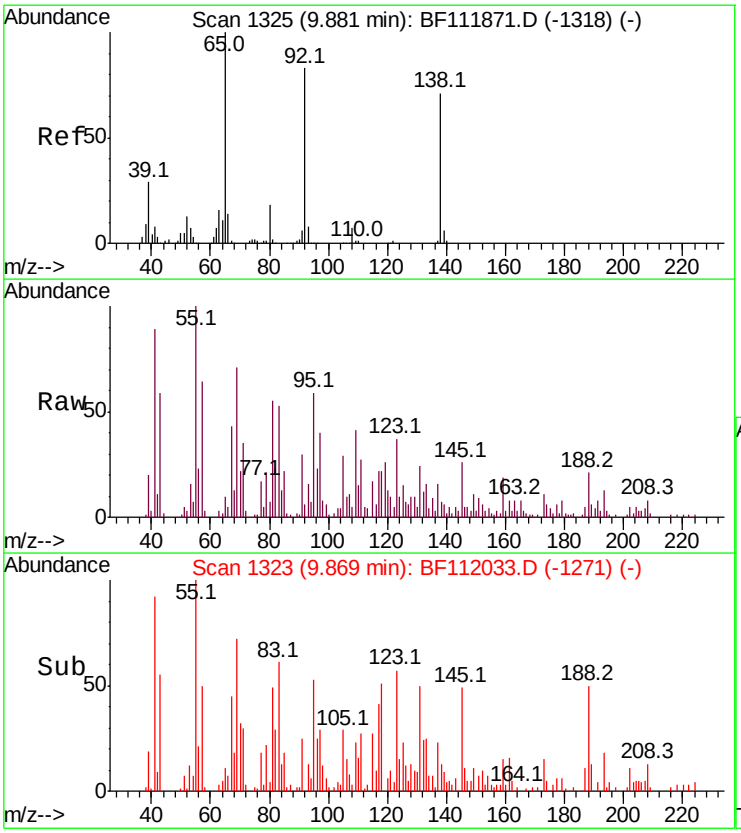
#52
Acenaphthene
Concen: 59.138 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 109630

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	55.3	43.1	64.7

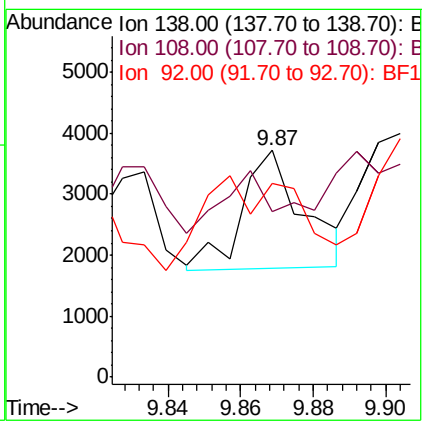


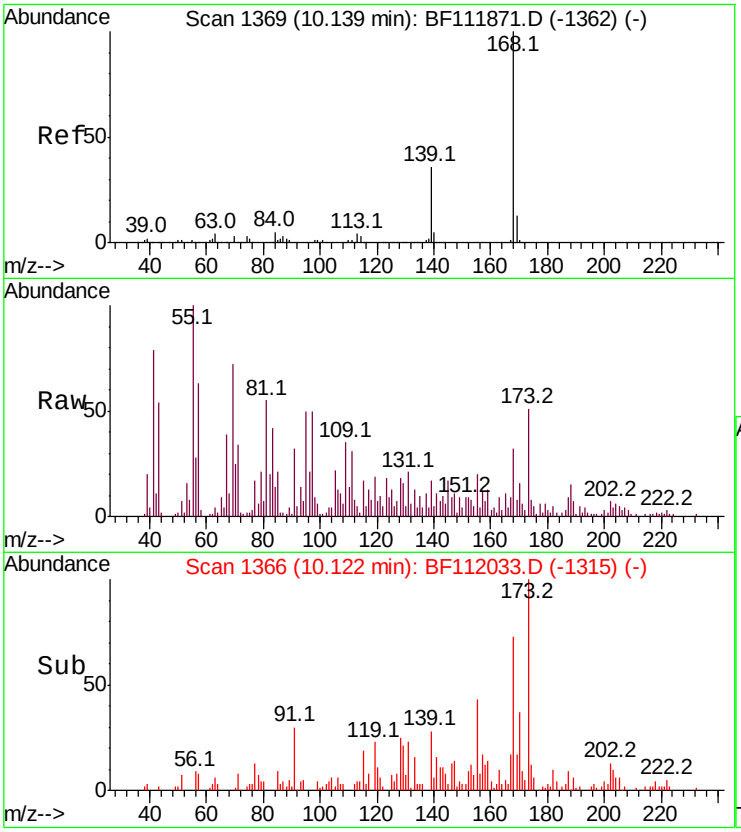


#53
3-Nitroaniline
Concen: 4.267 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:138 Resp: 2274

Ion	Ratio	Lower	Upper
138	100		
108	73.2	8.2	12.4#
92	85.7	93.5	140.3#



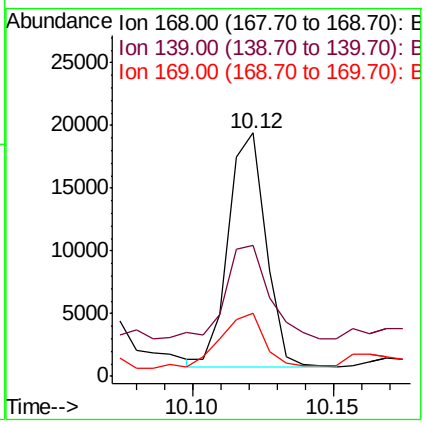


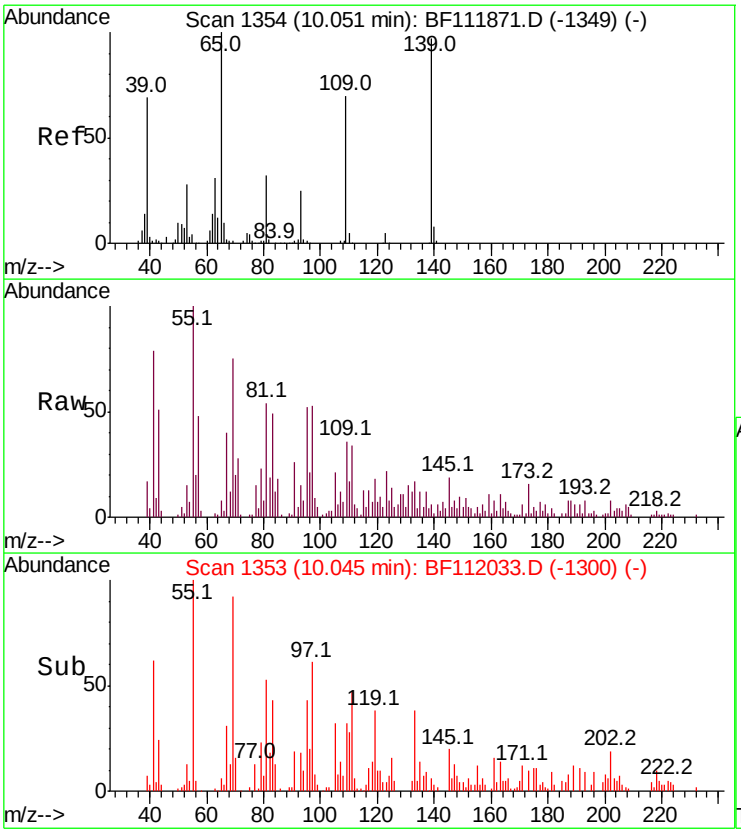
#55
Dibenzofuran
Concen: 6.362 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 17153

Ion	Ratio	Lower	Upper
168	100		
139	53.8	29.3	43.9#
169	25.7	10.6	16.0#

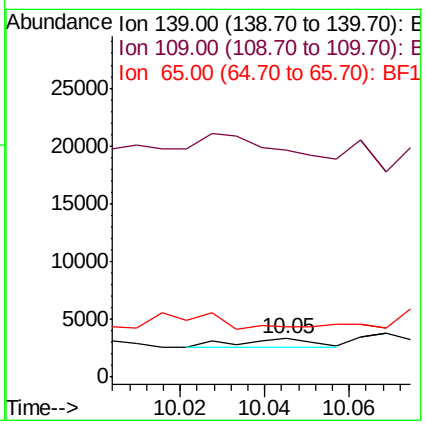


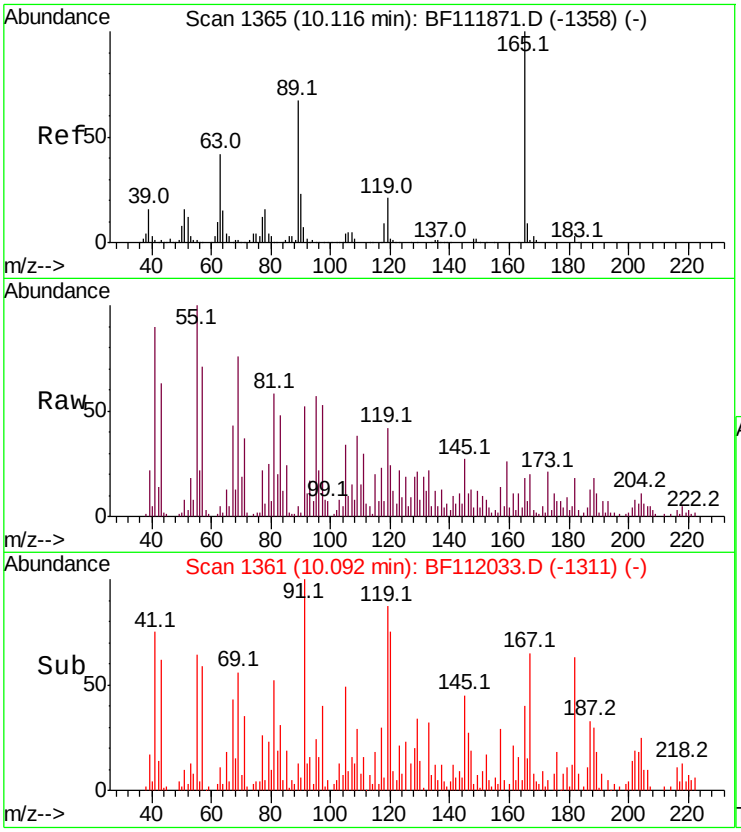


#56
4-Nitrophenol
Concen: 2.300 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:139 Resp: 866

Ion	Ratio	Lower	Upper
139	100		
109	585.5	52.2	92.2#
65	130.9	83.1	123.1#



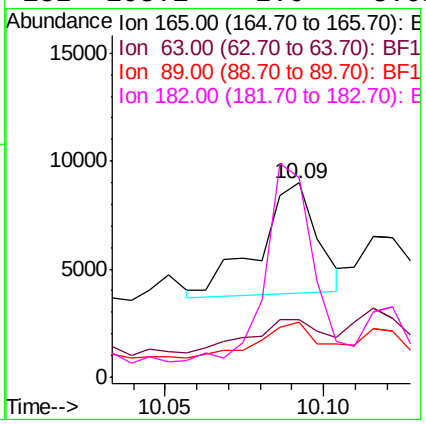


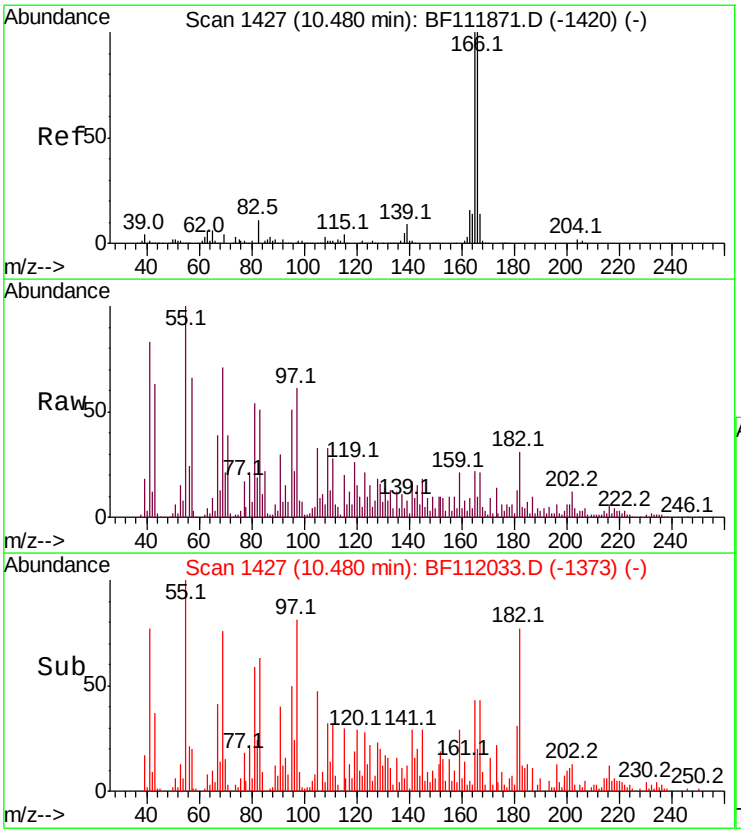
#57
2,4-Dinitrotoluene
Concen: 10.283 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 6613

Ion	Ratio	Lower	Upper
165	100		
63	29.6	34.1	51.1#
89	28.2	53.5	80.3#
182	103.1	2.0	3.0#

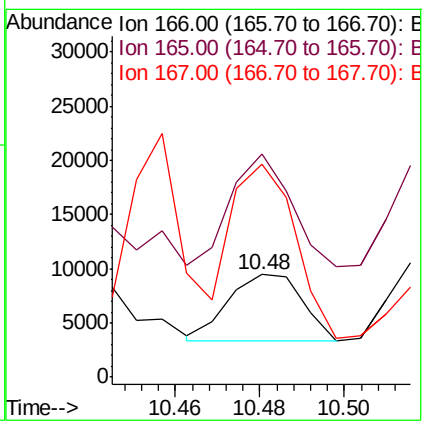


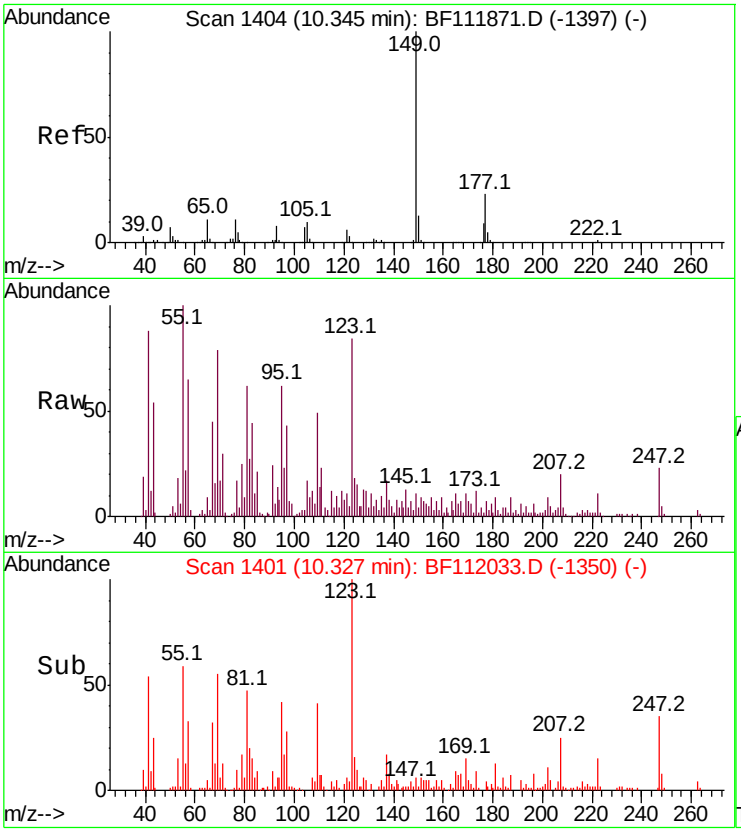


#58
Fluorene
Concen: 3.844 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:166 Resp: 7540

Ion	Ratio	Lower	Upper
166	100		
165	217.3	79.7	119.5#
167	207.4	11.1	16.7#



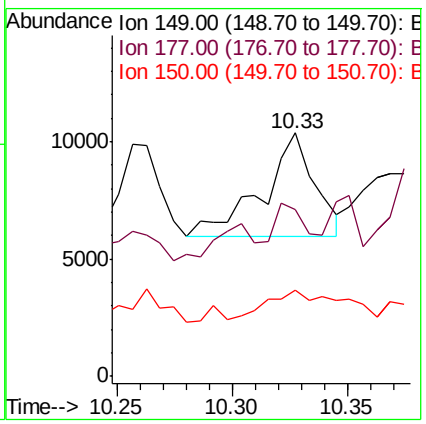


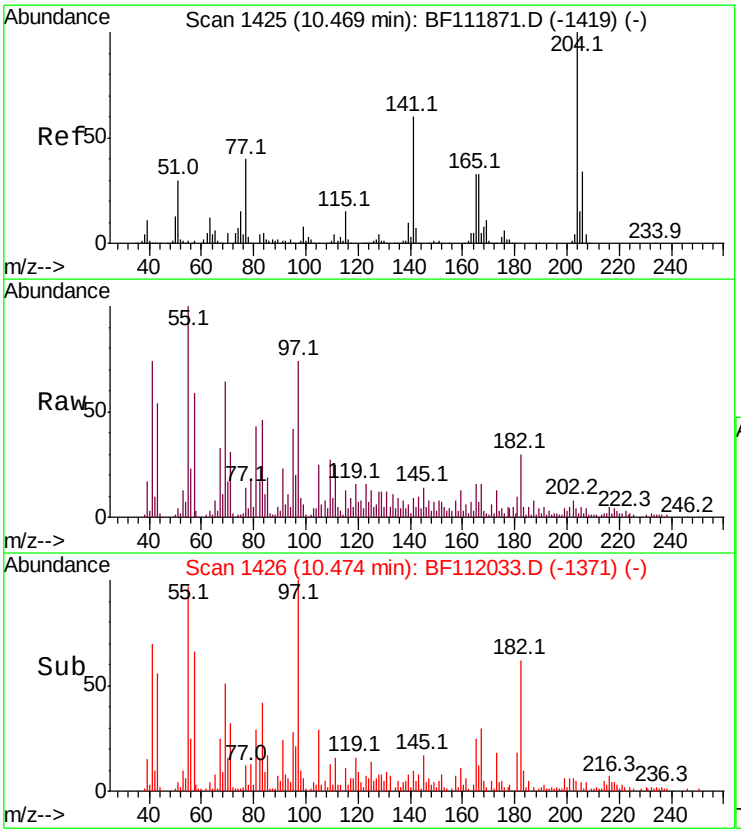
#60
Diethylphthalate
Concen: 3.176 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6840

Ion	Ratio	Lower	Upper
149	100		
177	68.3	18.3	27.5#
150	35.6	10.2	15.4#

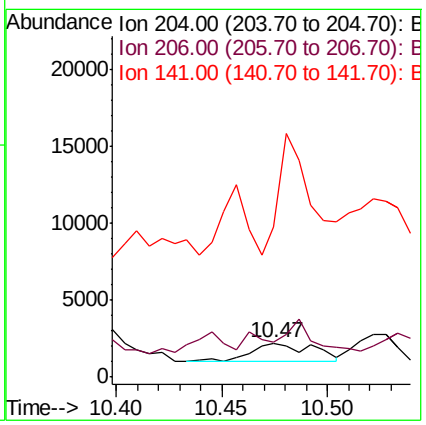


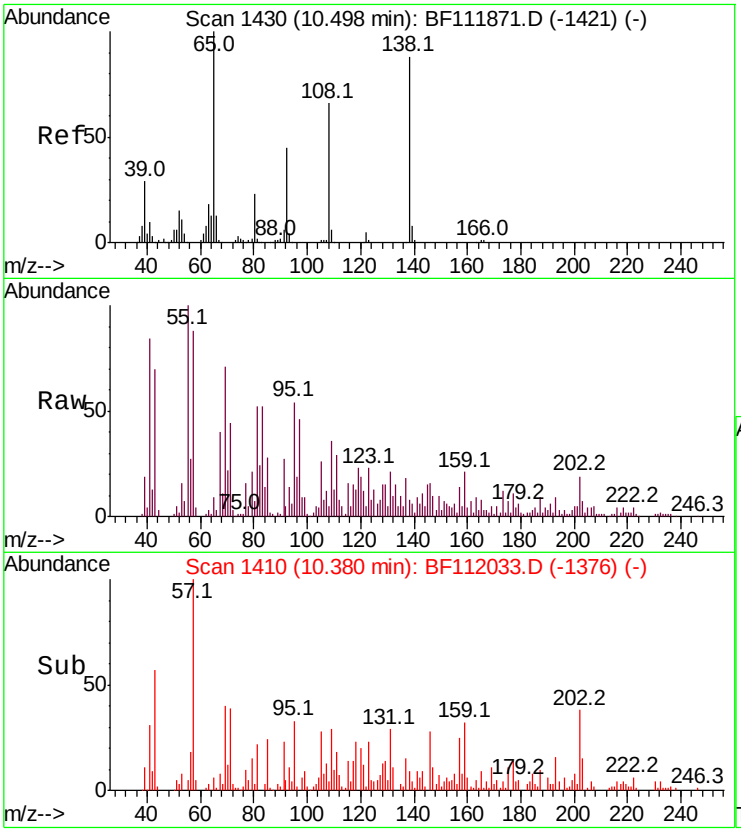


#61
4-Chlorophenyl-phenylether
Concen: 2.097 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:204 Resp: 2307

Ion	Ratio	Lower	Upper
204	100		
206	103.2	26.9	40.3#
141	442.6	47.9	71.9#



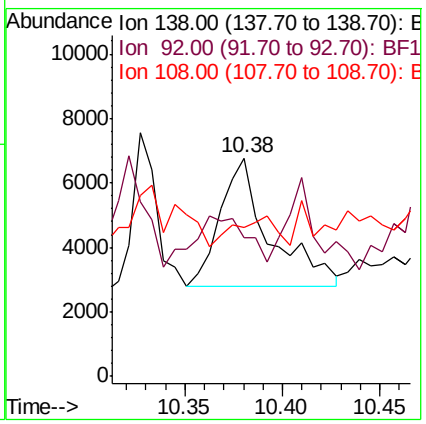


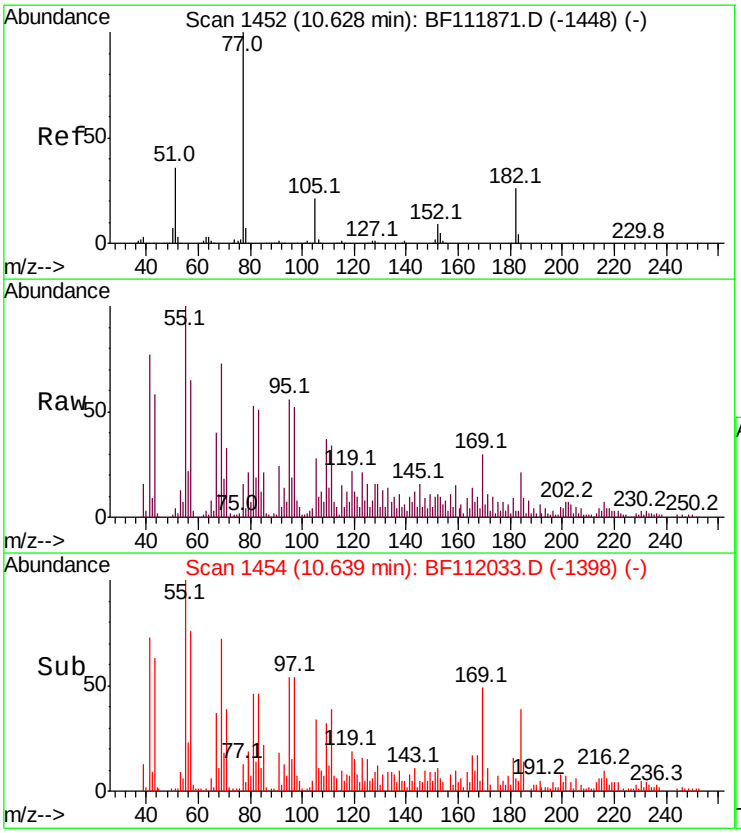
#62
4-Nitroaniline
Concen: 14.013 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.10 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 7084

Ion	Ratio	Lower	Upper
138	100		
92	63.7	31.0	71.0
108	68.3	54.7	94.7

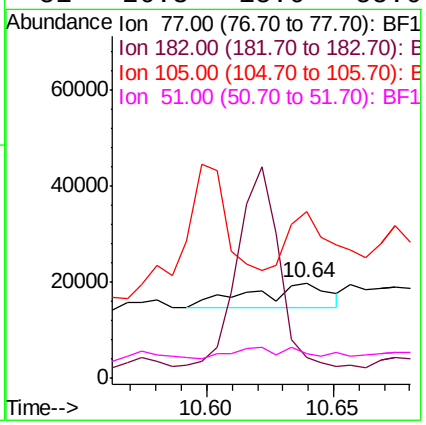


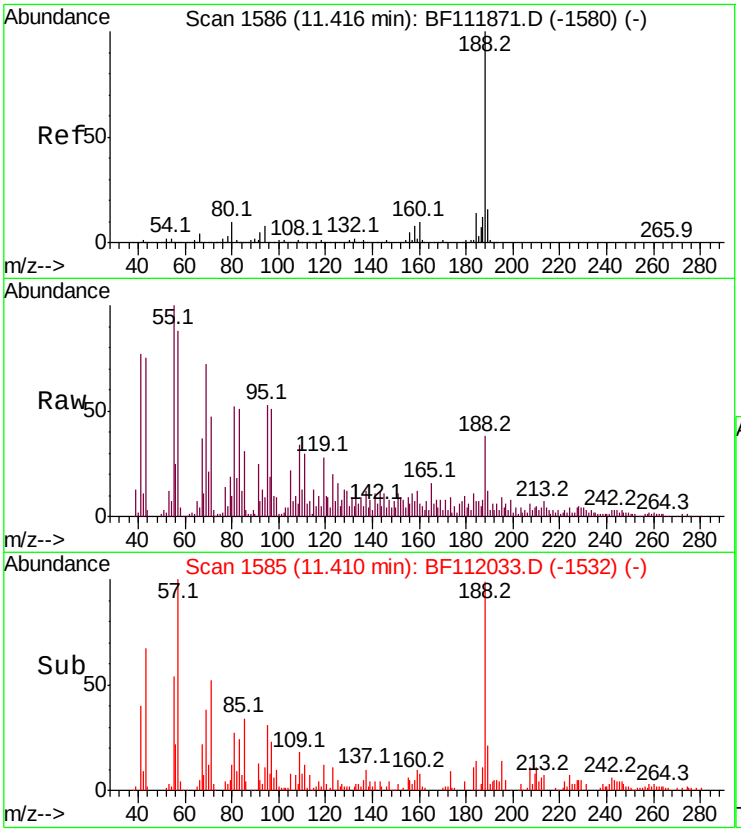


#63
Azobenzene
Concen: 5.214 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.03 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion: 77 Resp: 10727

Ion	Ratio	Lower	Upper
77	100		
182	21.8	5.7	45.7
105	174.3	0.8	40.8#
51	26.3	15.6	55.6



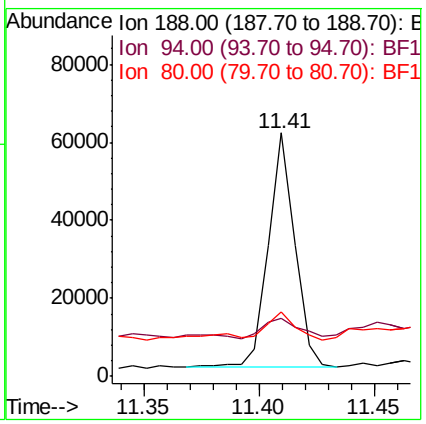


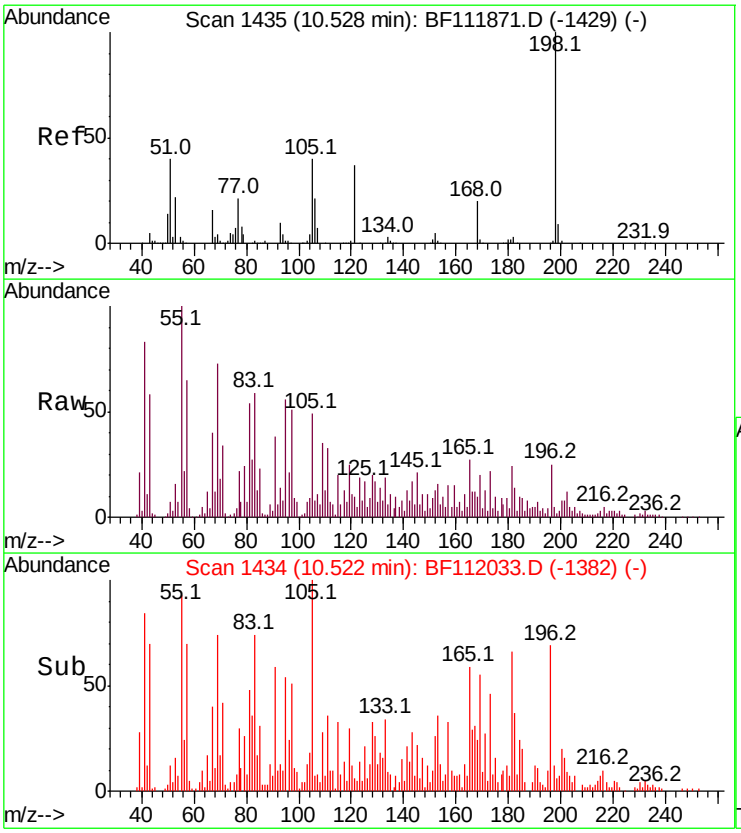
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 47992

Ion	Ratio	Lower	Upper
188	100		
94	23.8	6.6	10.0#
80	26.4	7.7	11.5#

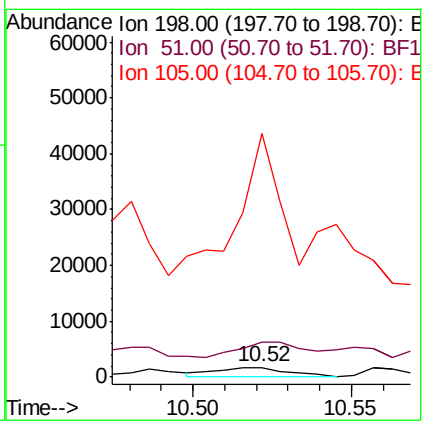


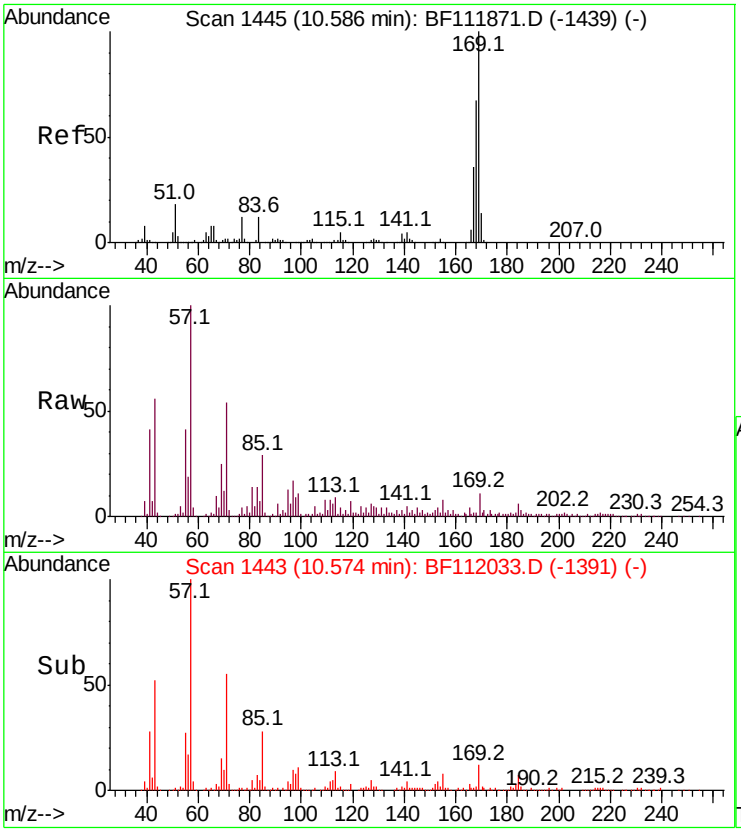


#65
4,6-Dinitro-2-methylphenol
Concen: 9.577 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:198 Resp: 2836

Ion	Ratio	Lower	Upper
198	100		
51	359.3	27.2	67.2#
105	2515.9	21.0	61.0#



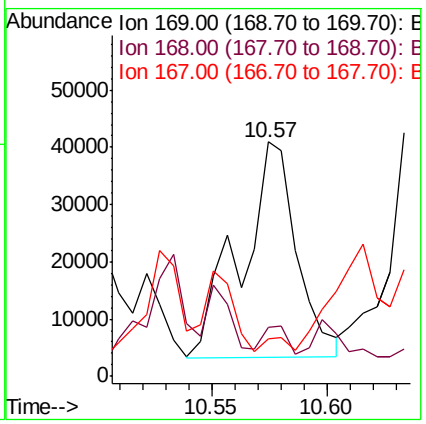


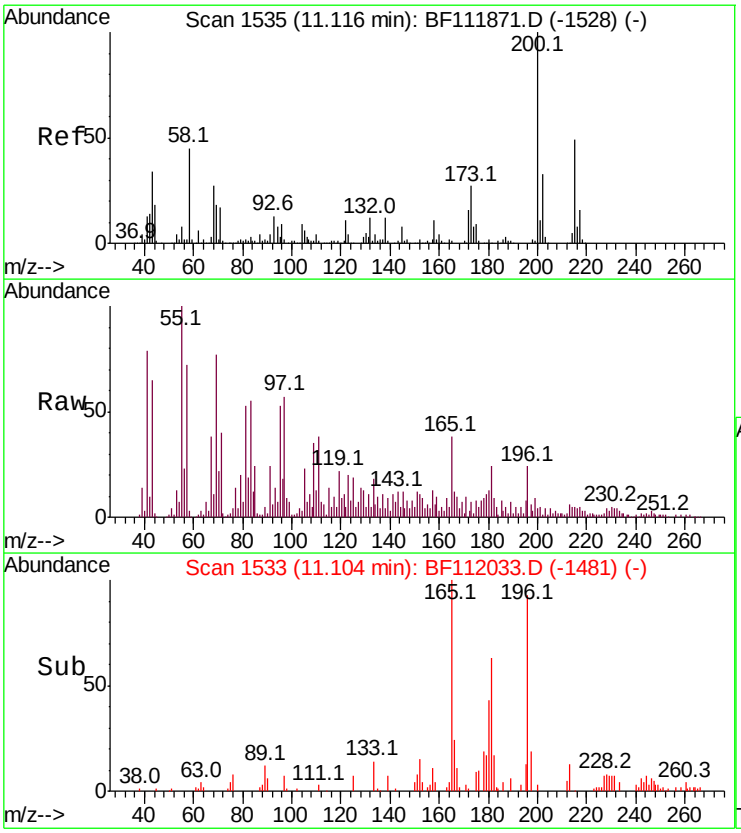
#66
n-Nitrosodiphenylamine
Concen: 39.319 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 63323

Ion	Ratio	Lower	Upper
169	100		
168	20.9	53.8	80.6#
167	16.2	29.1	43.7#

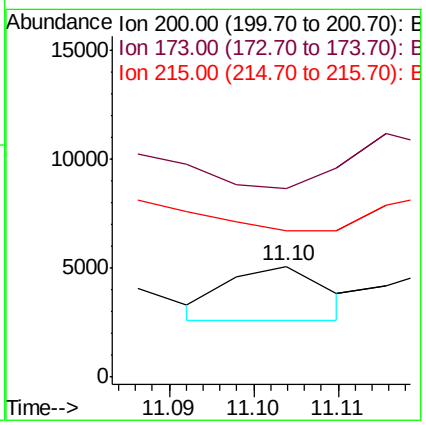


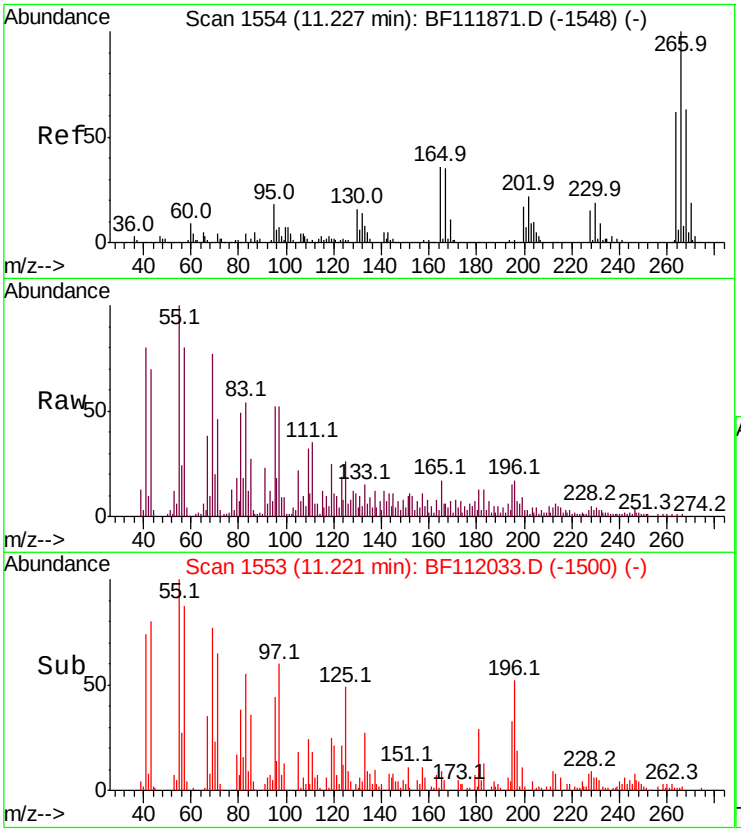


#69
Atrazine
Concen: 3.595 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:200 Resp: 2034

Ion	Ratio	Lower	Upper
200	100		
173	171.1	6.6	46.6#
215	131.9	28.9	68.9#



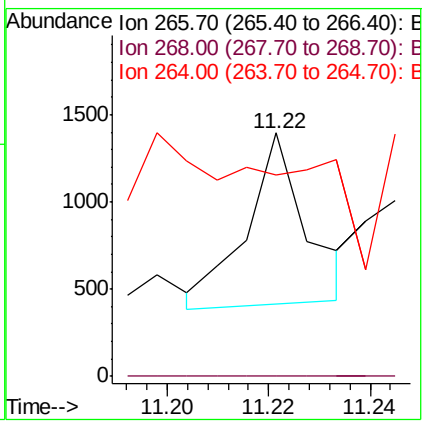


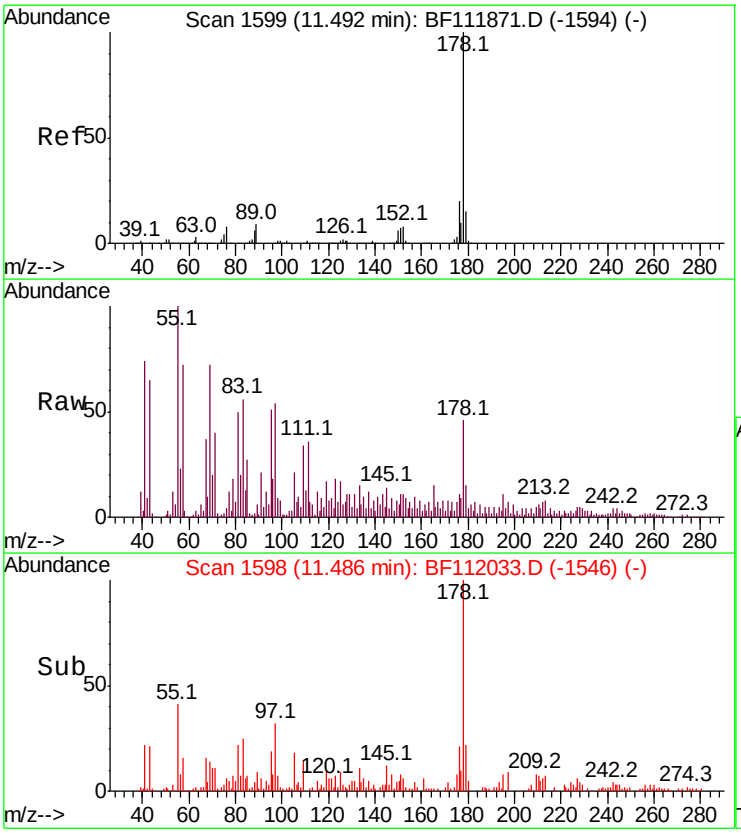
#70
Pentachlorophenol
Concen: 2.023 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 793

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.6	76.0#
264	82.8	49.3	73.9#

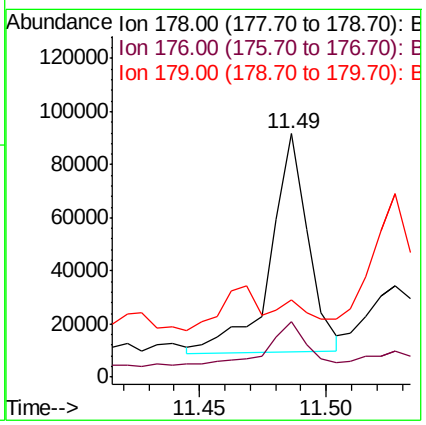


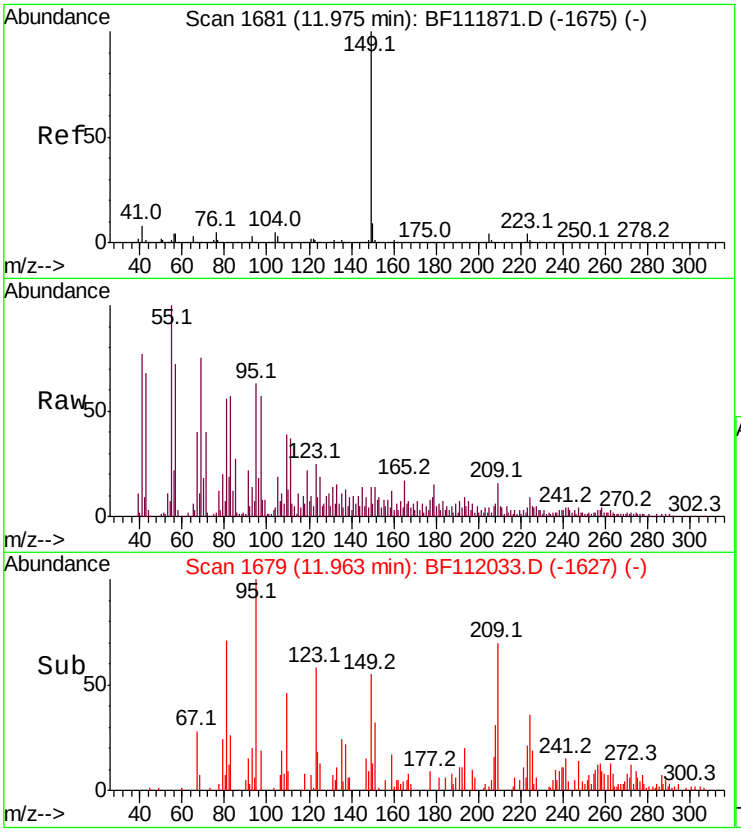


#72
Anthracene
Concen: 32.901 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:178 Resp: 85698

Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.7	23.5
179	31.7	12.4	18.6#



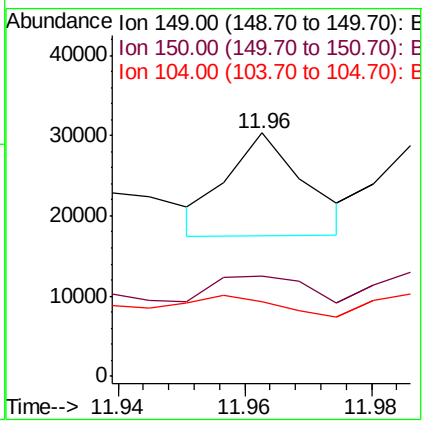


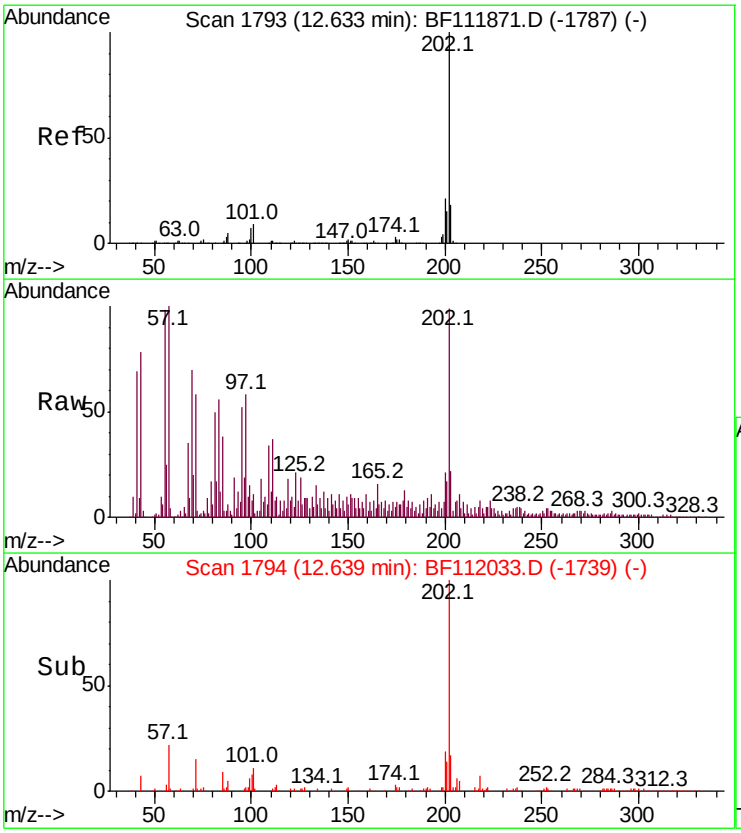
#74
Di-n-butylphthalate
Concen: 3.638 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 10706

Ion	Ratio	Lower	Upper
149	100		
150	41.4	7.5	11.3#
104	30.6	3.9	5.9#

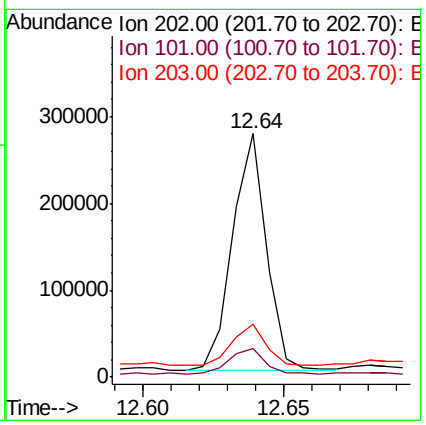


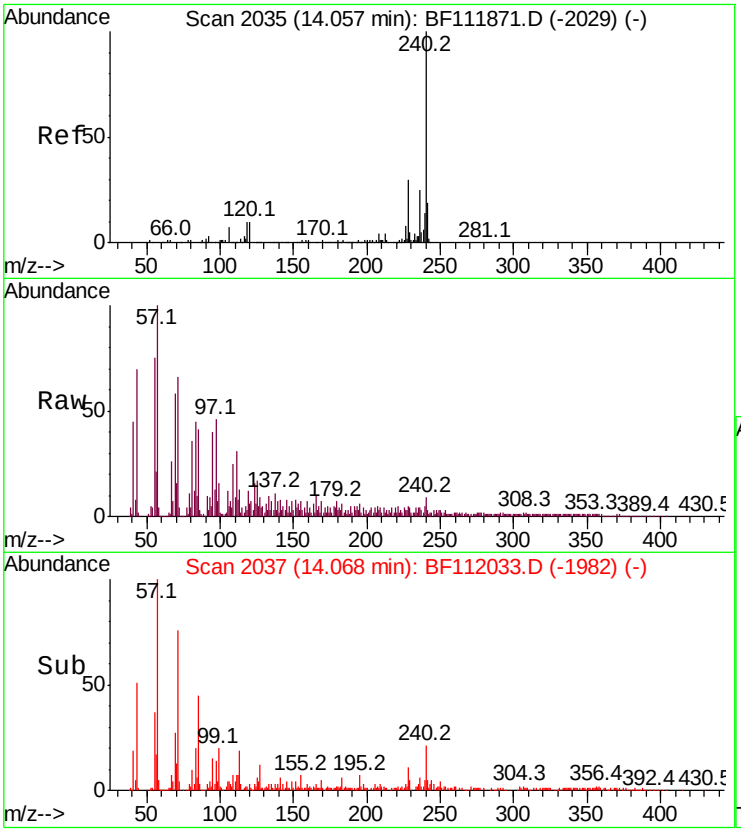


#75
Fluoranthene
Concen: 86.308 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:202 Resp: 227345

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	29.3
203	21.7	0.0	37.6



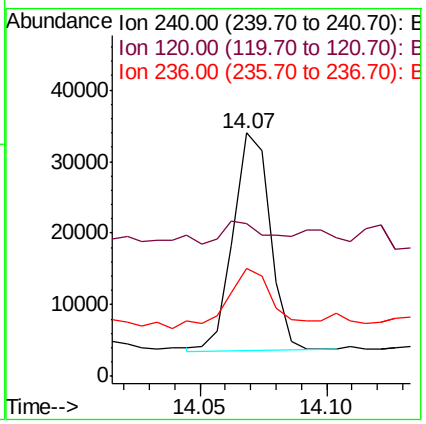


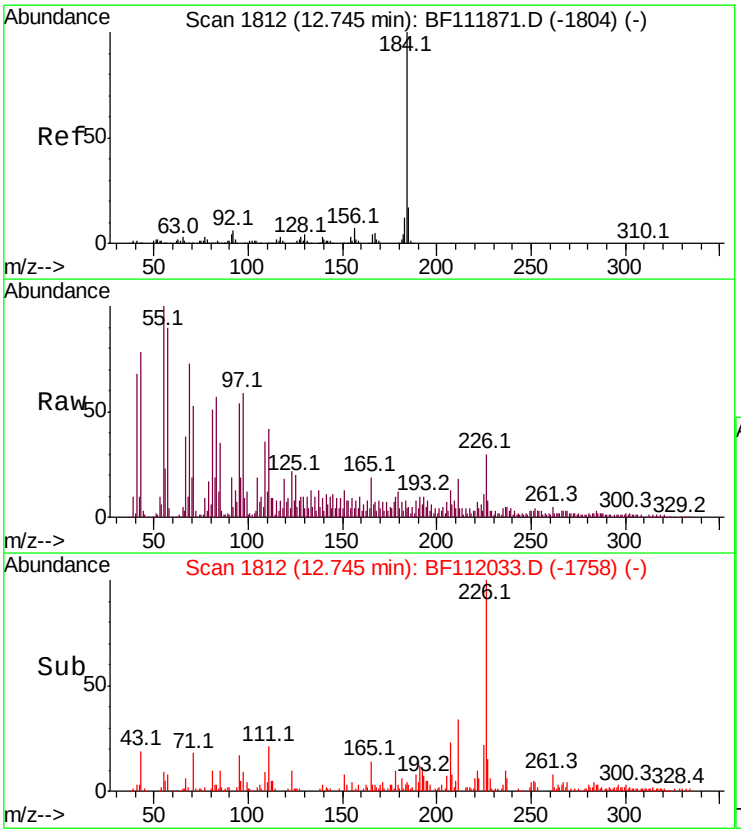
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 30667

Ion	Ratio	Lower	Upper
240	100		
120	62.6	8.2	12.2#
236	44.3	20.2	30.4#

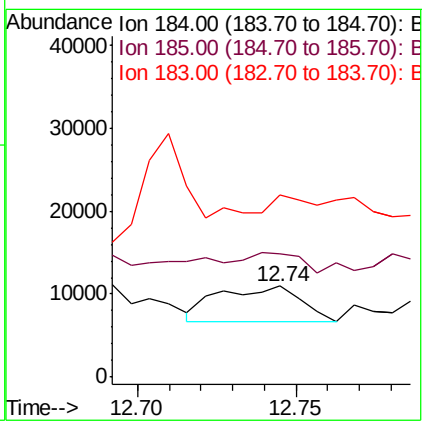


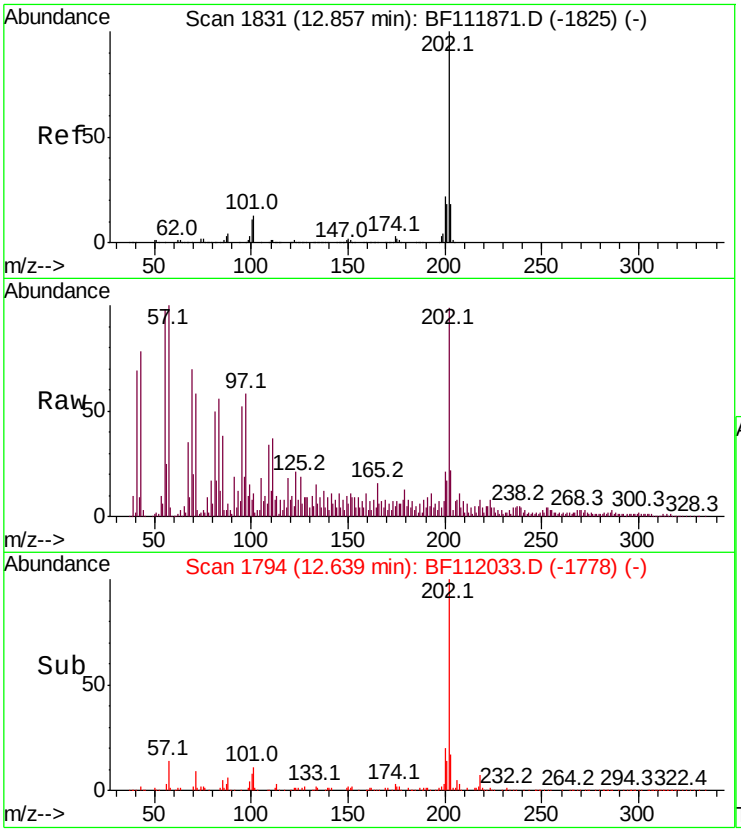


#77
Benzidine
Concen: 8.237 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:184 Resp: 7548

Ion	Ratio	Lower	Upper
184	100		
185	136.5	13.4	20.0#
183	200.5	9.6	14.4#



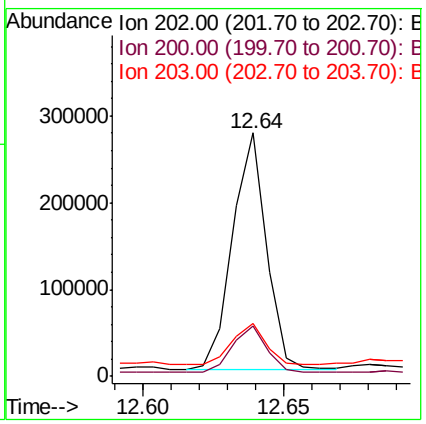


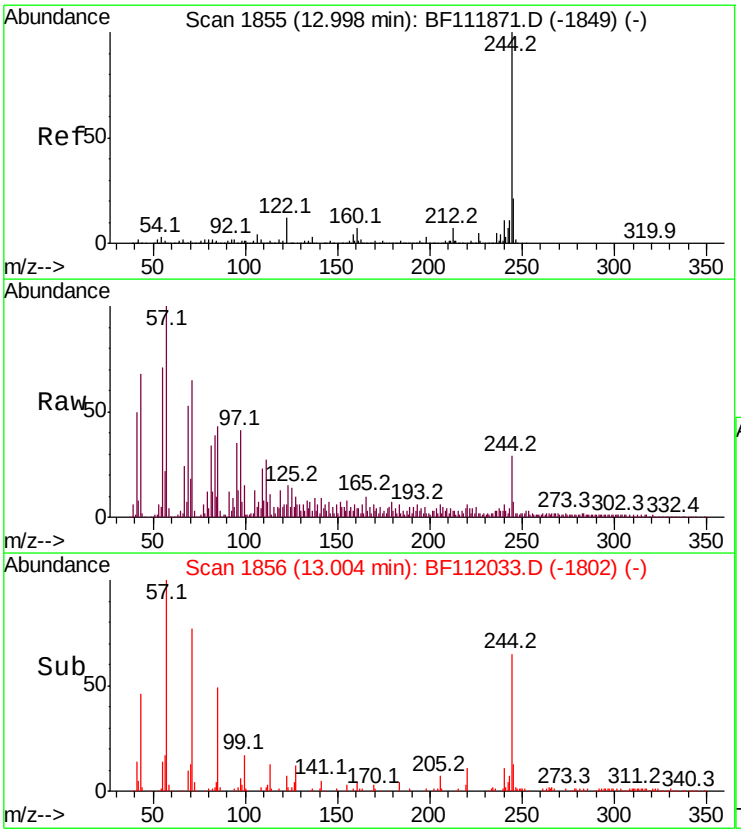
#78
Pyrene
Concen: 107.742 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.21 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 227345

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	21.7	14.6	21.8

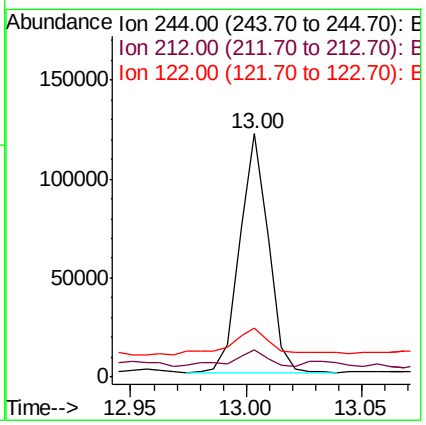


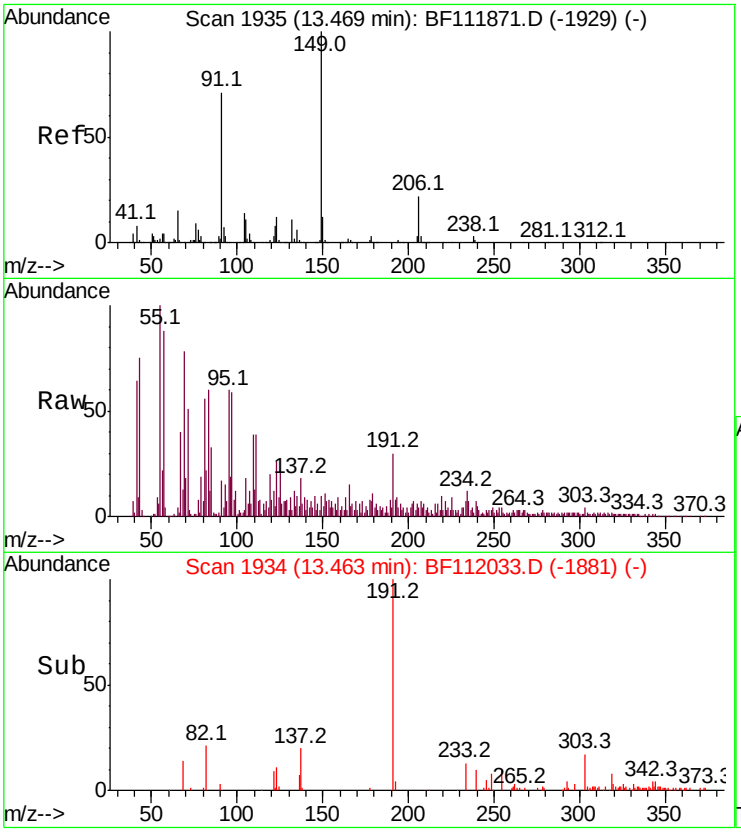


#79
Terphenyl-d14
Concen: 64.550 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:244 Resp: 104284

Ion	Ratio	Lower	Upper
244	100		
212	11.2	5.8	8.8#
122	19.9	9.5	14.3#



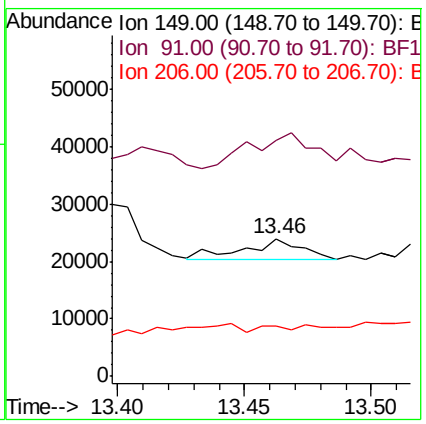


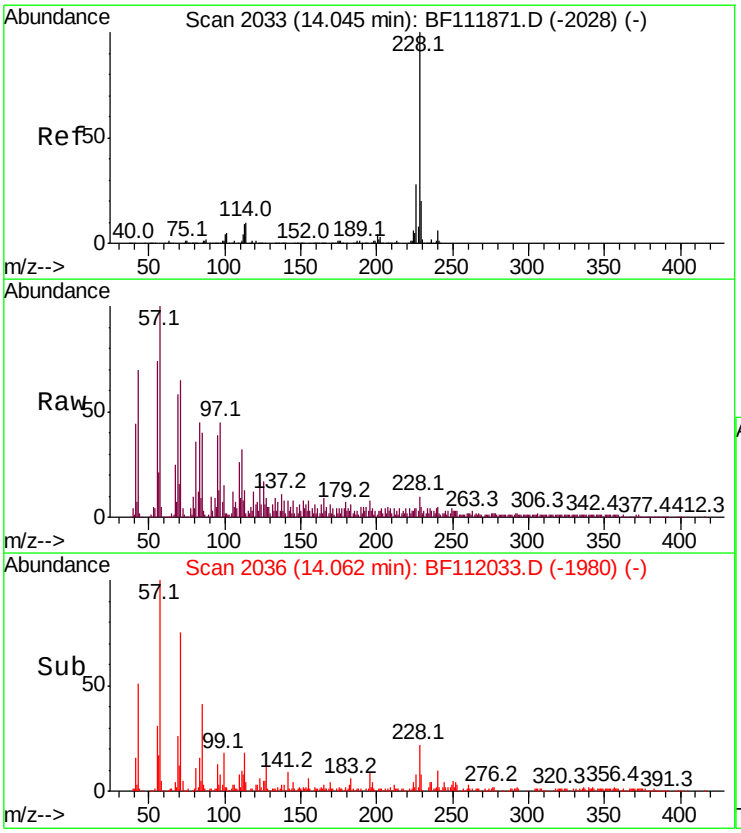
#80
Butylbenzylphthalate
Concen: 6.653 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5935

Ion	Ratio	Lower	Upper
149	100		
91	171.4	57.2	85.8#
206	36.2	17.3	25.9#

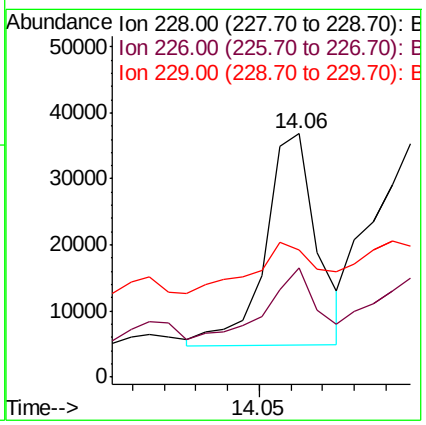


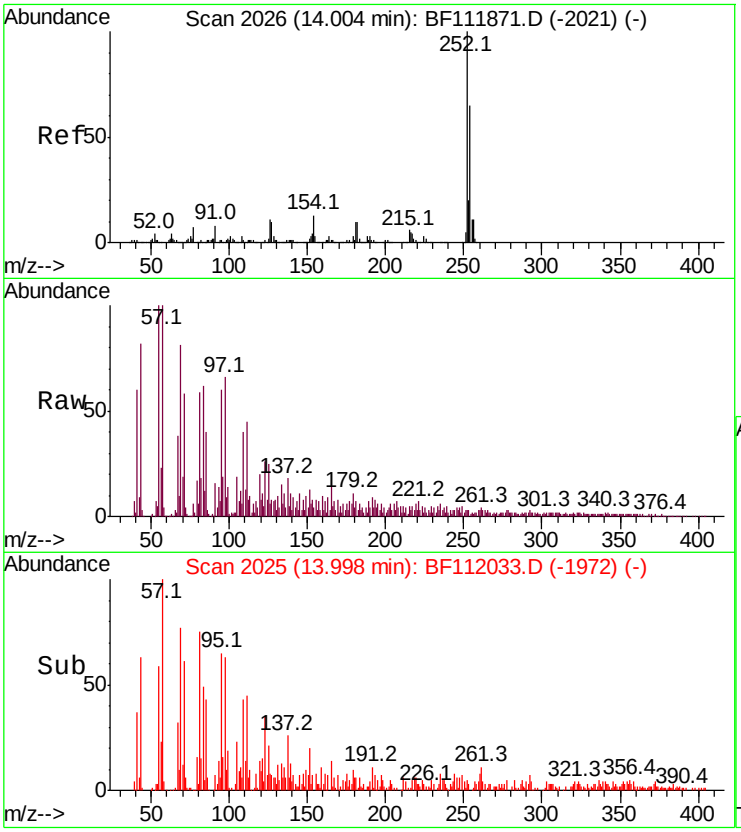


#81
Benzo(a)anthracene
Concen: 20.557 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.03 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:228 Resp: 36282

Ion	Ratio	Lower	Upper
228	100		
226	44.8	22.2	33.2#
229	52.0	16.2	24.2#



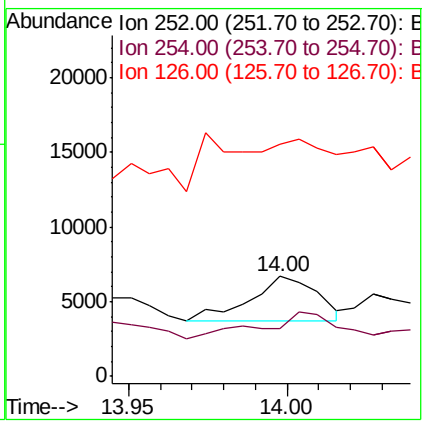


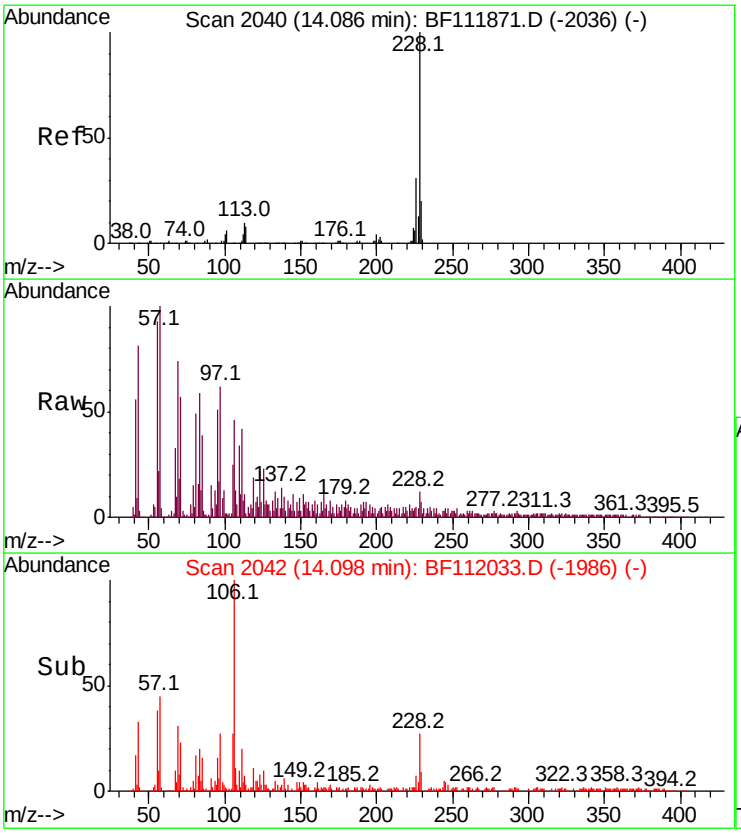
#82
3,3'-Dichlorobenzidine
Concen: 6.624 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 4316

Ion	Ratio	Lower	Upper
252	100		
254	47.9	52.1	78.1#
126	233.0	8.6	12.8#

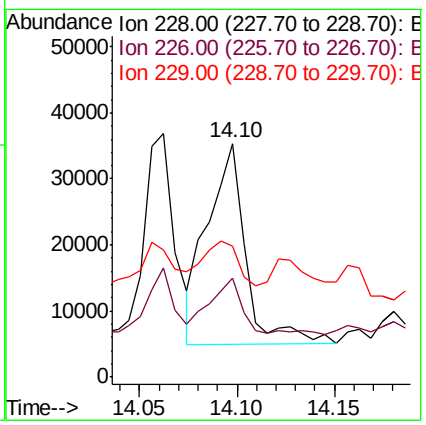


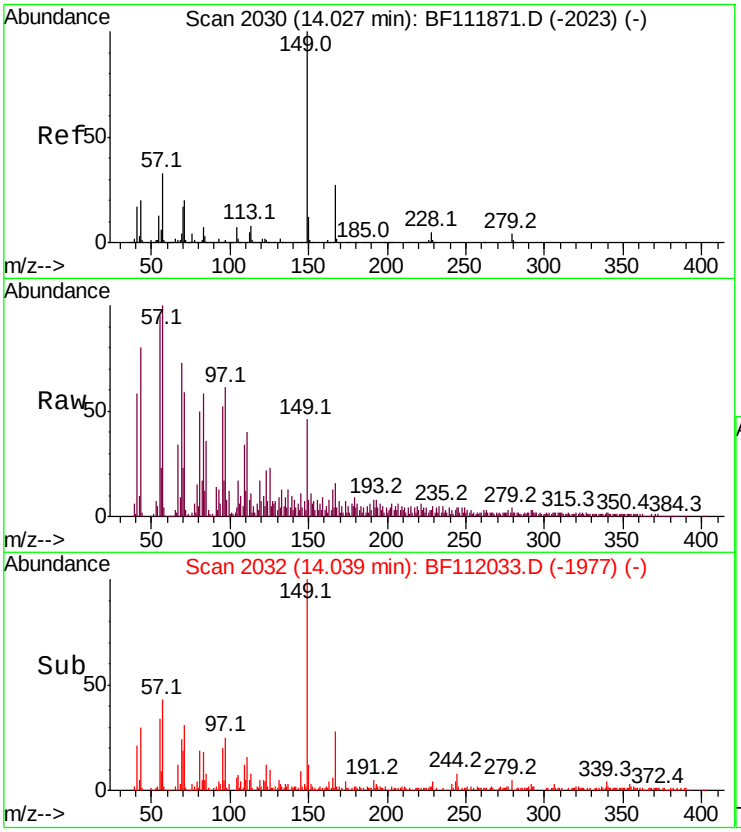


#83
Chrysene
Concen: 24.517 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.03 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:228 Resp: 41257

Ion	Ratio	Lower	Upper
228	100		
226	42.1	24.6	37.0#
229	56.0	15.7	23.5#



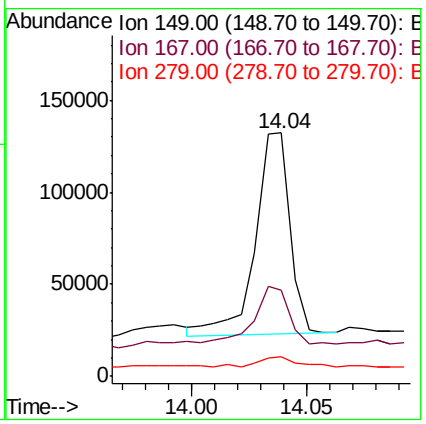


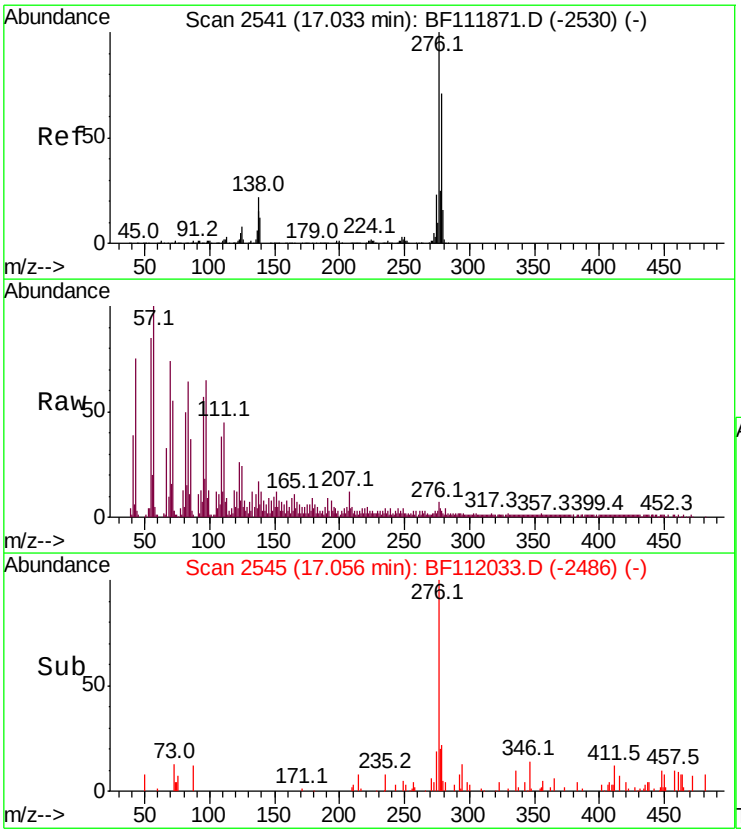
#84
Bis(2-ethylhexyl)phthalate
Concen: 98.134 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.02 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 114969

Ion	Ratio	Lower	Upper
149	100		
167	35.4	21.5	32.3#
279	8.3	3.0	4.6#

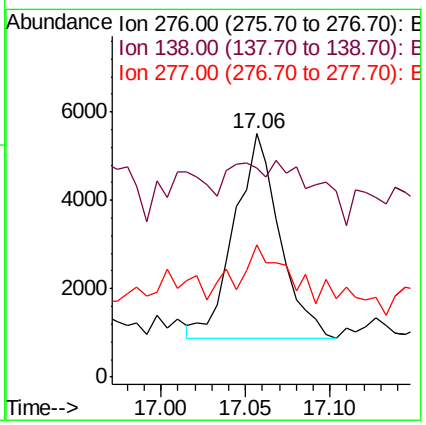


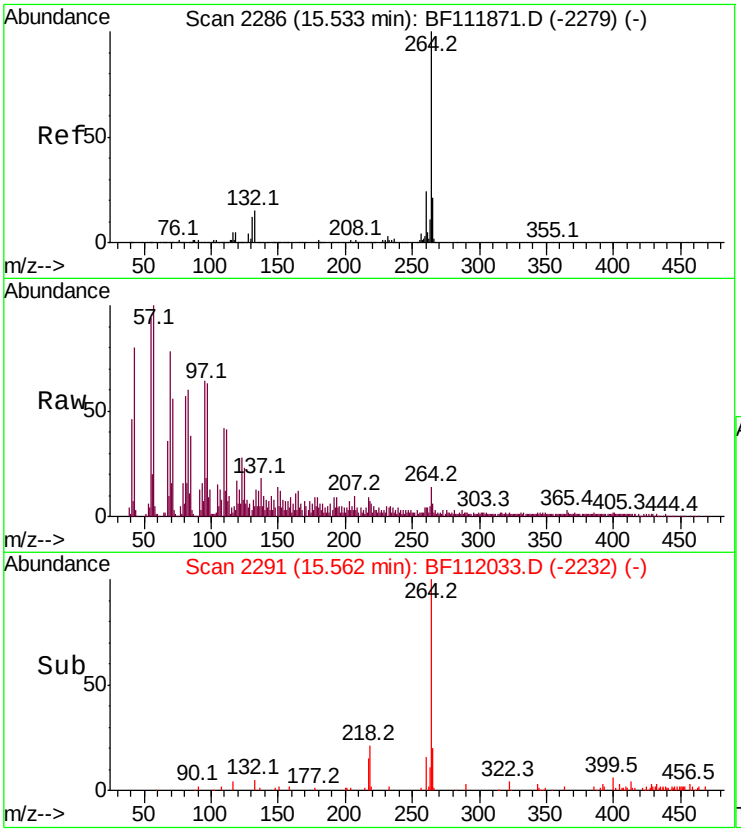


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.039 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:276 Resp: 8636

Ion	Ratio	Lower	Upper
276	100		
138	12.4	18.1	27.1#
277	32.3	19.9	29.9#



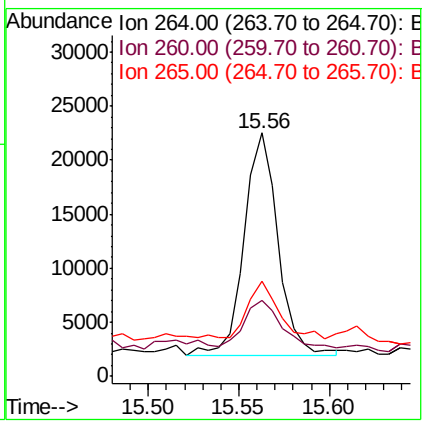


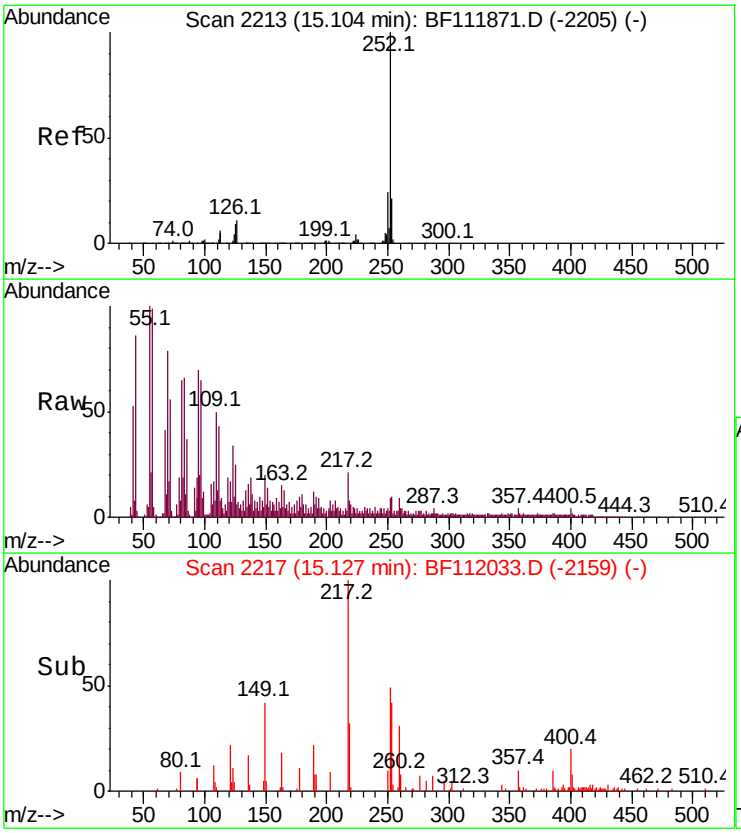
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 26940

Ion	Ratio	Lower	Upper
264	100		
260	31.0	19.2	28.8#
265	39.0	17.1	25.7#

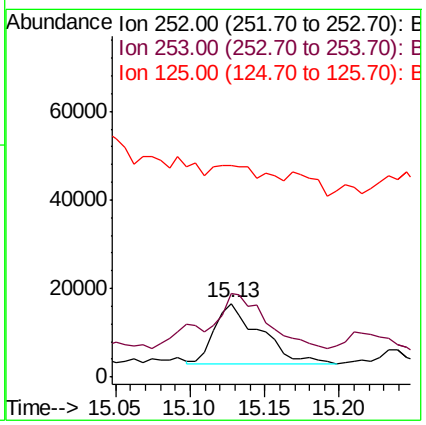


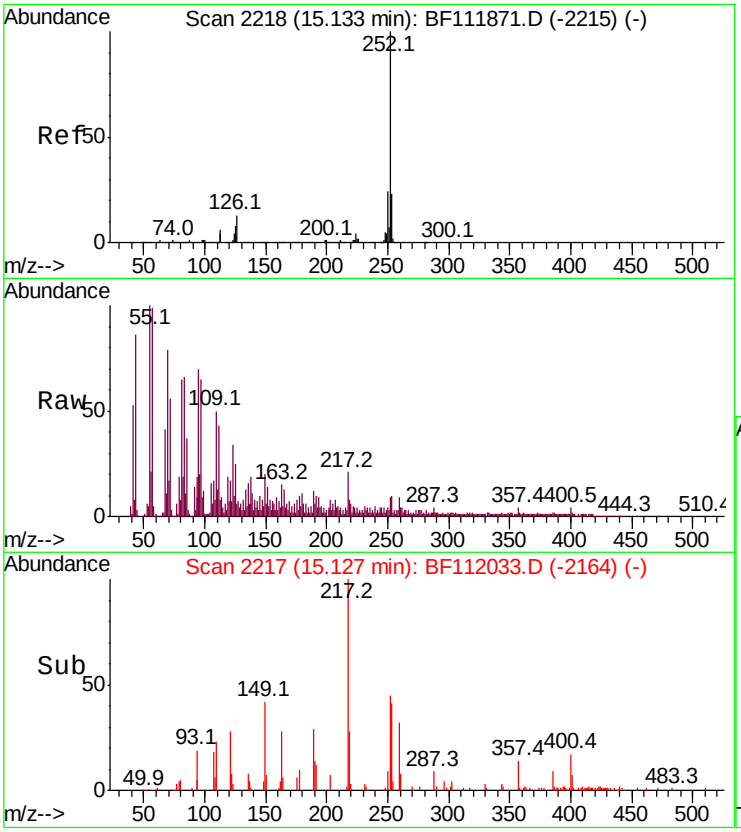


#88
Benzo(b)fluoranthene
Concen: 18.057 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.04 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:252 Resp: 29099

Ion	Ratio	Lower	Upper
252	100		
253	114.4	17.0	25.6#
125	287.3	7.1	10.7#



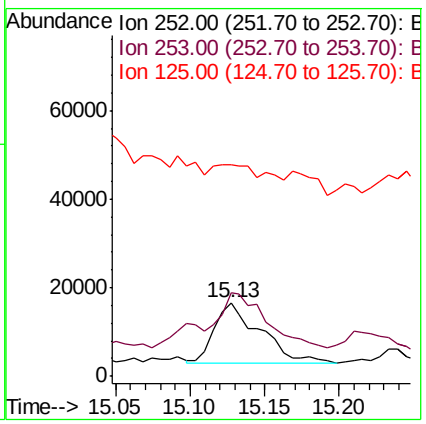


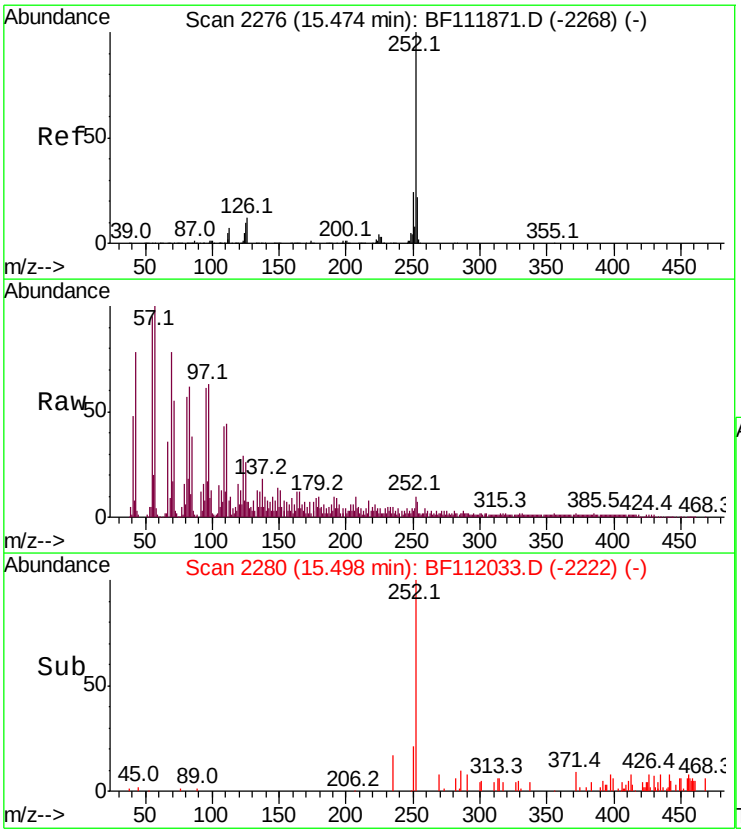
#89
Benzo(k)fluoranthene
Concen: 19.210 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 29099

Ion	Ratio	Lower	Upper
252	100		
253	114.4	17.8	26.6#
125	287.3	7.0	10.4#

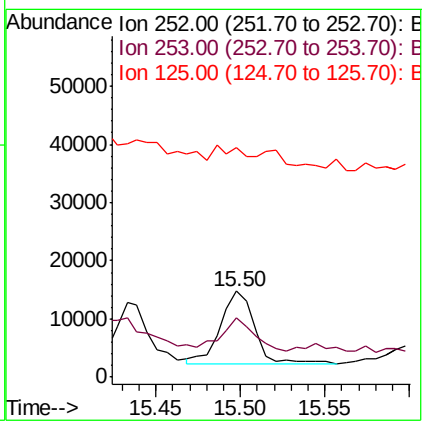


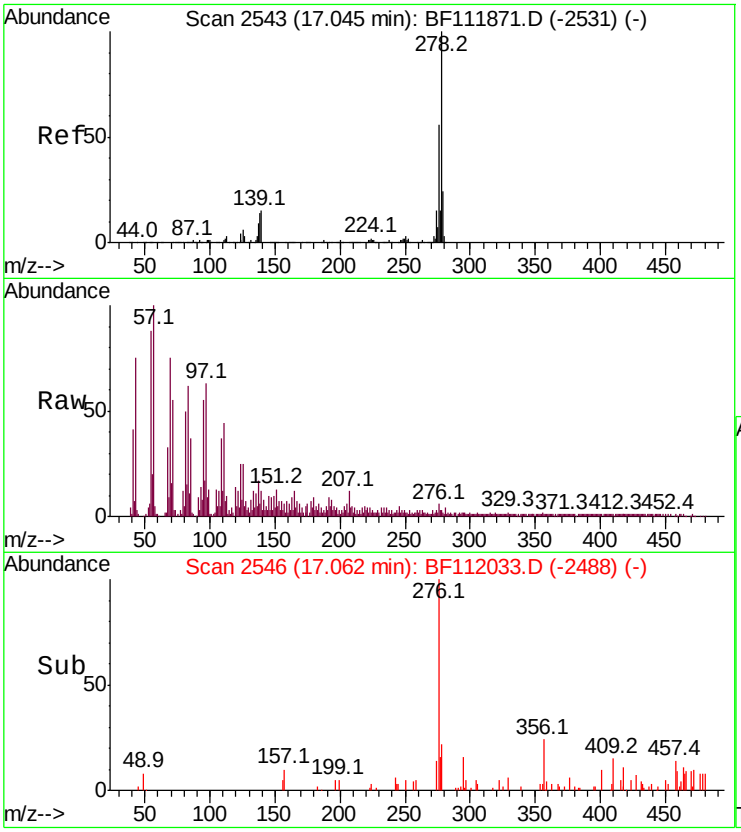


#90
Benzo(a)pyrene
Concen: 12.172 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:252 Resp: 17247

Ion	Ratio	Lower	Upper
252	100		
253	68.6	17.4	26.2#
125	267.5	7.9	11.9#



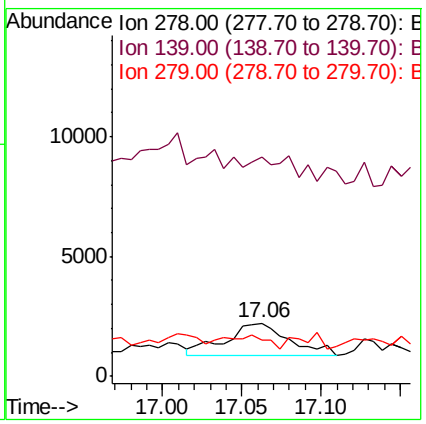


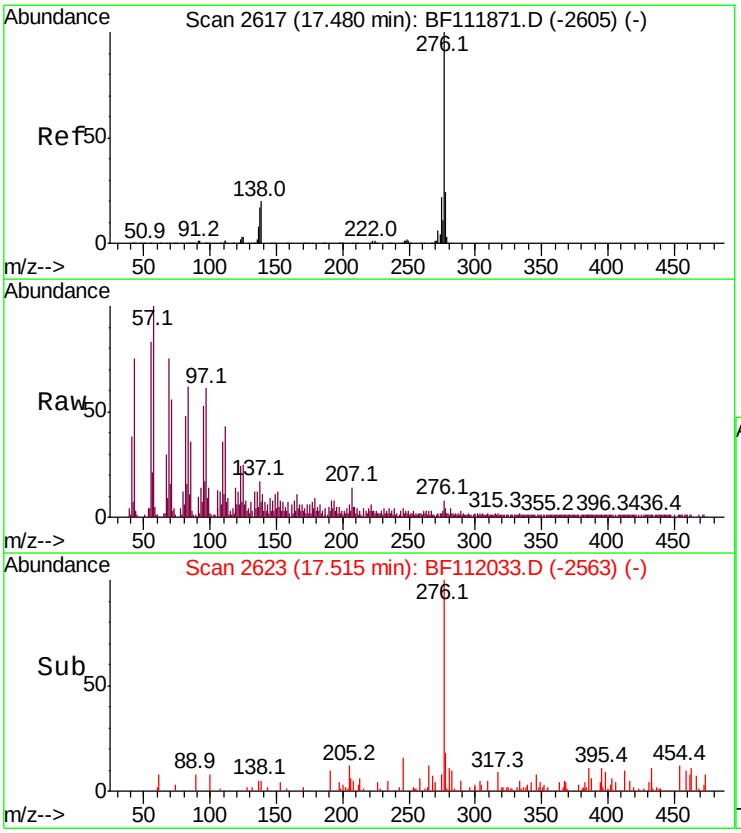
#91
Dibenzo(a,h)anthracene
Concen: 3.261 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.04 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 3717

Ion	Ratio	Lower	Upper
278	100		
139	408.5	11.8	17.6#
279	67.1	19.4	29.2#





#92
Benzo(g,h,i)perylene
Concen: 7.595 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.05 min
Lab File: BF112033.D
Acq: 11 Jan 2019 23:22

Tgt Ion:276 Resp: 8466

Ion	Ratio	Lower	Upper
276	100		
277	51.5	19.0	28.6#
138	87.4	16.2	24.2#