Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102877.D
Acq On : 9 Feb 2018 10:02
Operator : SJ/JU
Sample : J1471-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 09 13:48:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	171135	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	723691	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	330311	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	553105	20.00	ng		0.00
75) Chrysene-d12	14.05	240	346336	20.00	ng		0.00
86) Perylene-d12	15.54	264	356419	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1319353	117.08	ng		0.02
7) Phenol-d6	6.52	99	1576466	116.19	ng		0.01
23) Nitrobenzene-d5	7.45	82	1043710	100.05	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	315966	118.85	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1500052	75.36	ng		0.00
78) Terphenyl-d14	13.00	244	1184386	80.97	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	34559	2.377	ng		97
19) n-Nitroso-di-n-propylamine	7.45	70	146147	16.337	ng	#	86
25) Isophorone	7.45	82	1041620	43.361	ng	#	64
32) Benzoic acid	7.91	122	108	8.557	ng	#	1
47) 2-Nitroaniline	9.46	65	577	3.551	ng	#	2
49) Dimethylphthalate	9.63	163	92292	3.583	ng		99
50) 2,6-Dinitrotoluene	9.92	165	42762	8.727	ng	#	26
55) 4-Nitrophenol	10.05	139	590	4.137	ng	#	56
56) 2,4-Dinitrotoluene	10.19	165	2943	3.495	ng	#	41
64) 4,6-Dinitro-2-methylphenol	10.72	198	904	9.156	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	21338	3.647	ng	#	1
74) Fluoranthene	12.62	202	80004	2.581	ng		97
77) Pyrene	12.85	202	66606	2.453	ng		98
79) Butylbenzylphthalate	13.47	149	187832	15.175	ng		98
87) Benzo(b)fluoranthene	15.10	252	46553	2.015	ng	#	85
88) Benzo(k)fluoranthene	15.10	252	46553	2.108	ng	#	88

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

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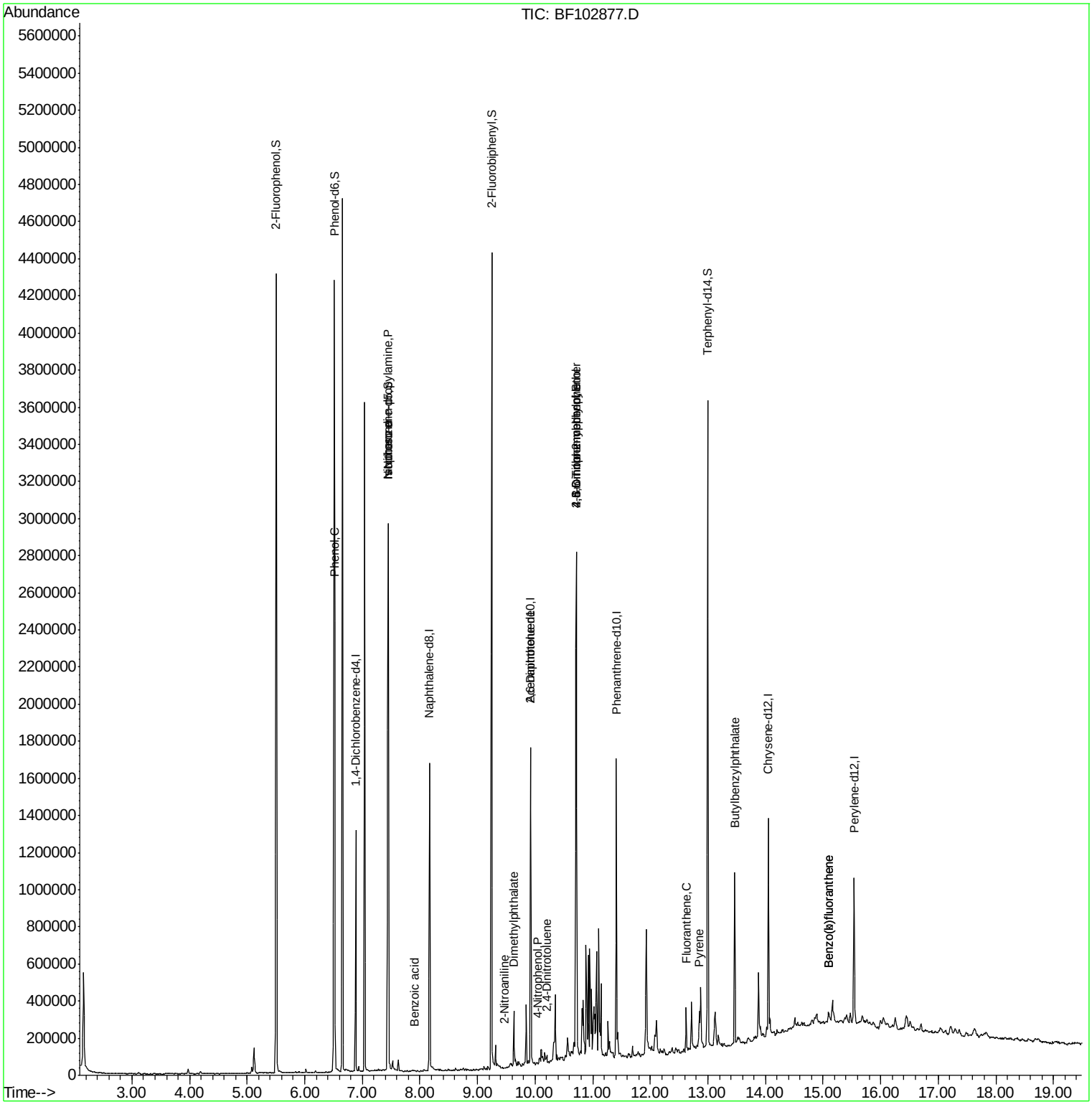
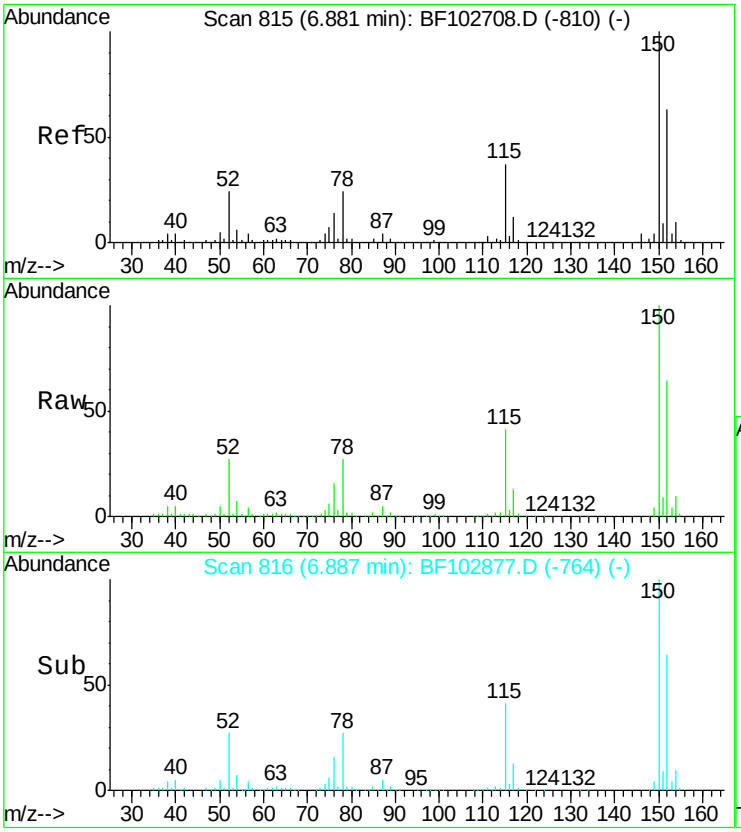


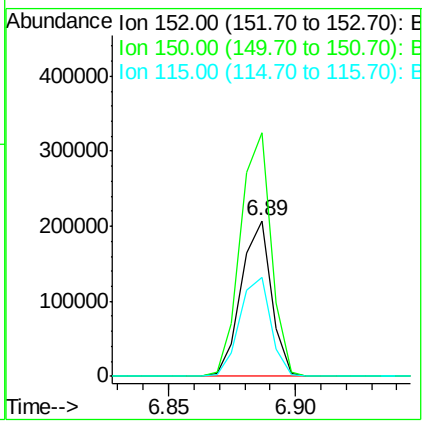


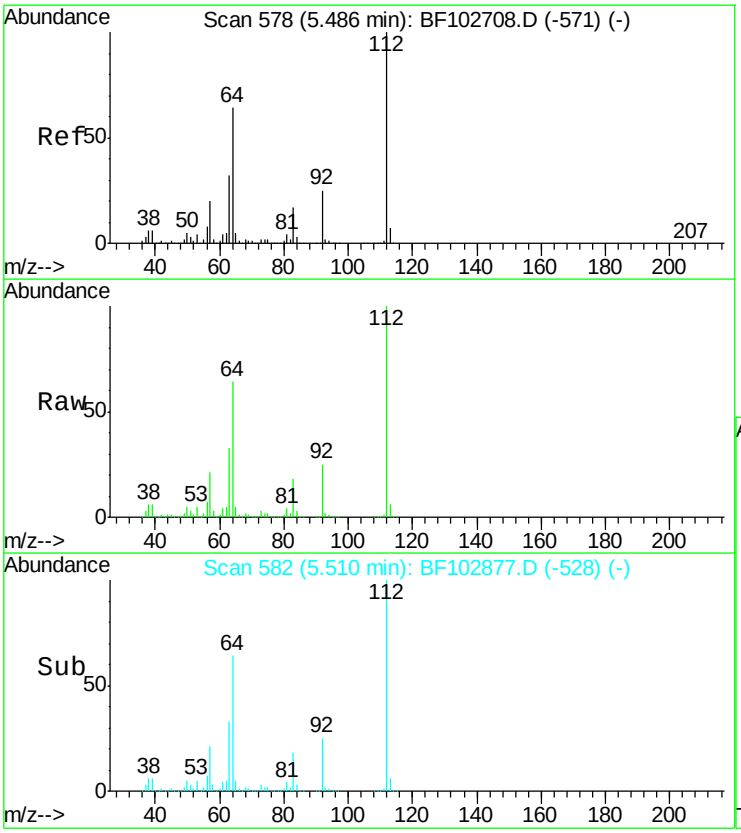
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171135

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	63.4	50.1	75.1

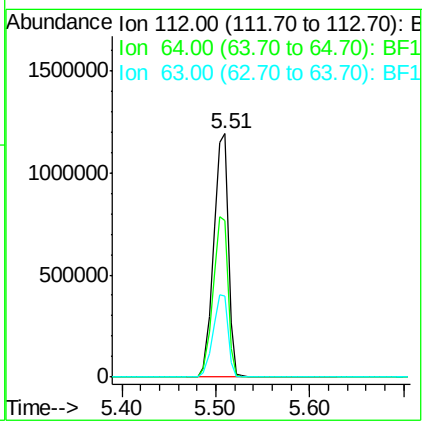


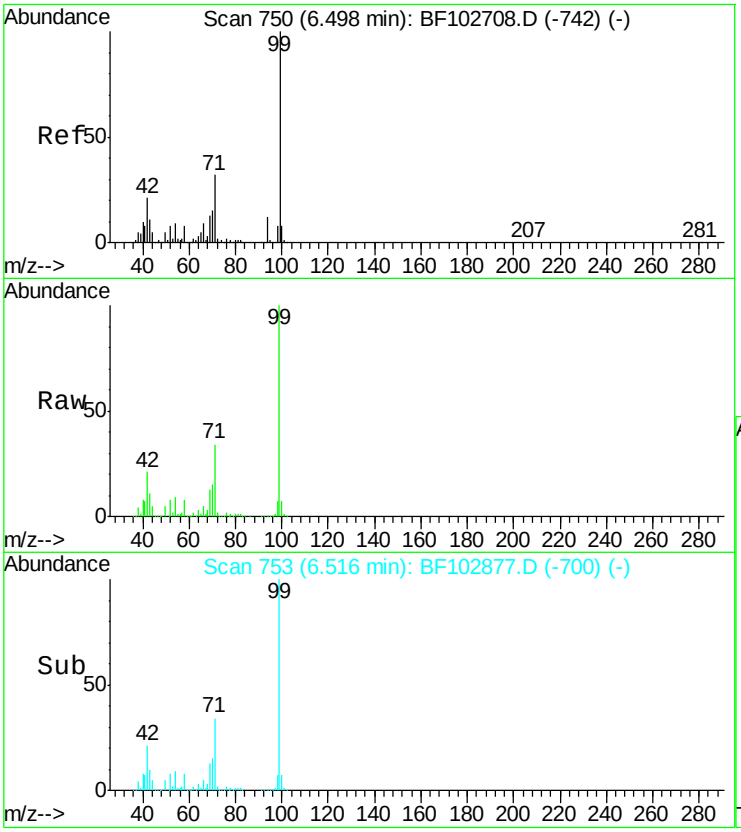


#5
2-Fluorophenol
Concen: 117.081 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:112 Resp: 1319353

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	33.3	23.7	35.5



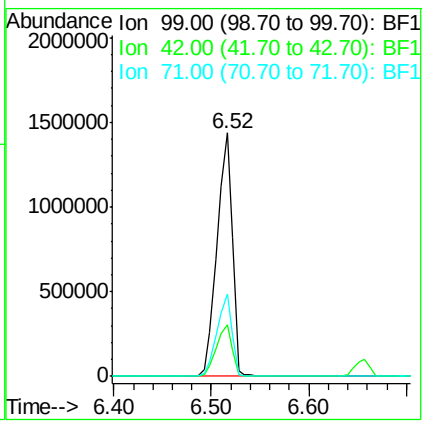


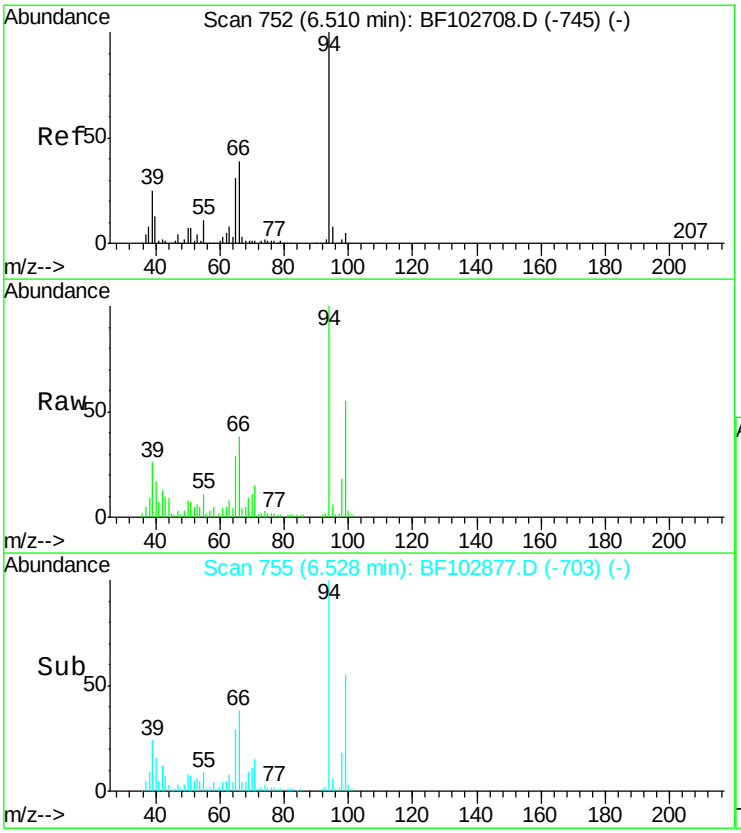
#7
Phenol-d6
Concen: 116.187 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1576466

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	33.8	25.4	38.0

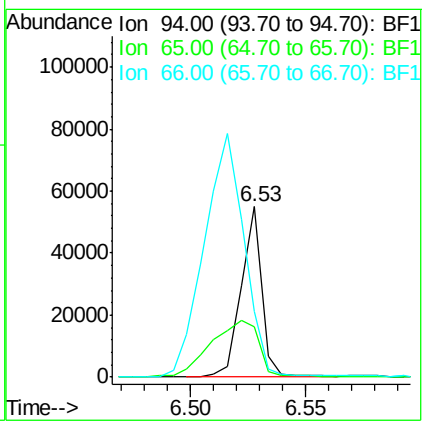


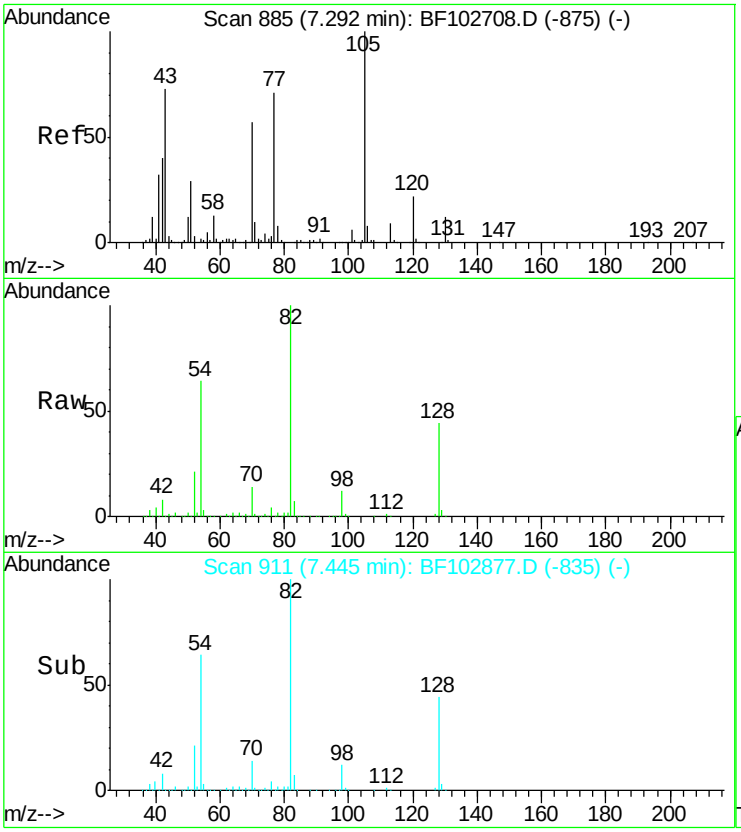


#10
Phenol
Concen: 2.377 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion: 94 Resp: 34559

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	38.3	16.2	56.2



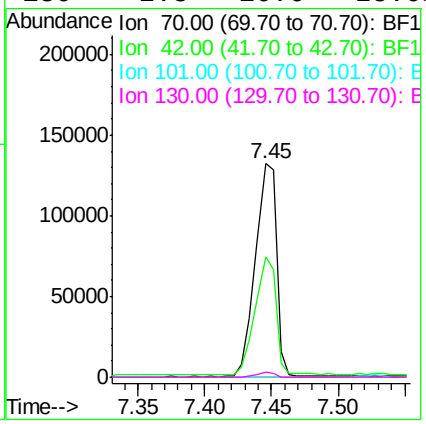


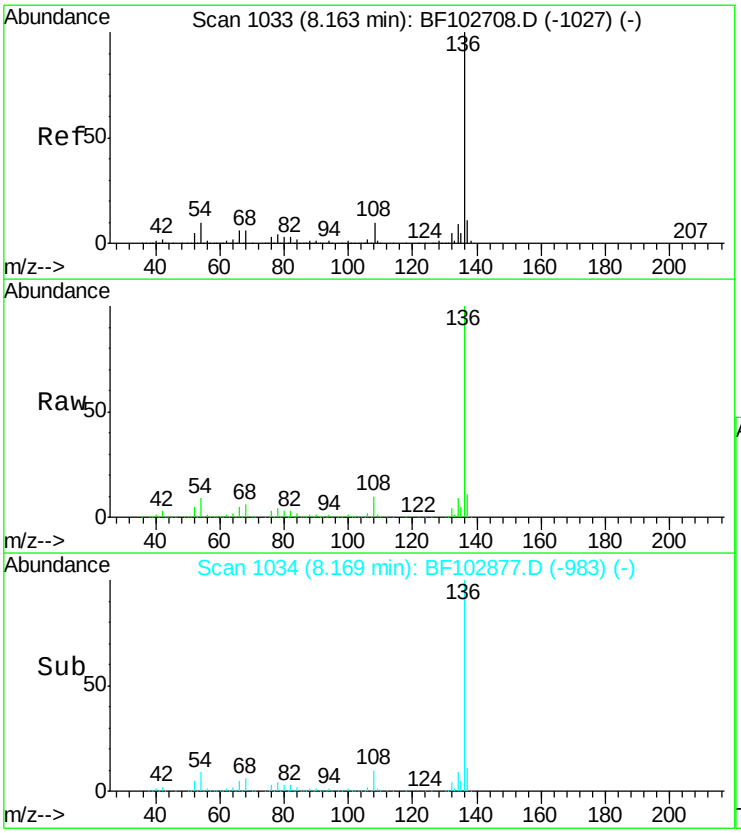
#19
n-Nitroso-di-n-propylamine
Concen: 16.337 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 146147

Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

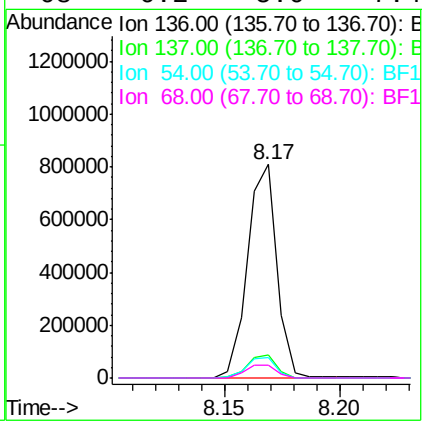


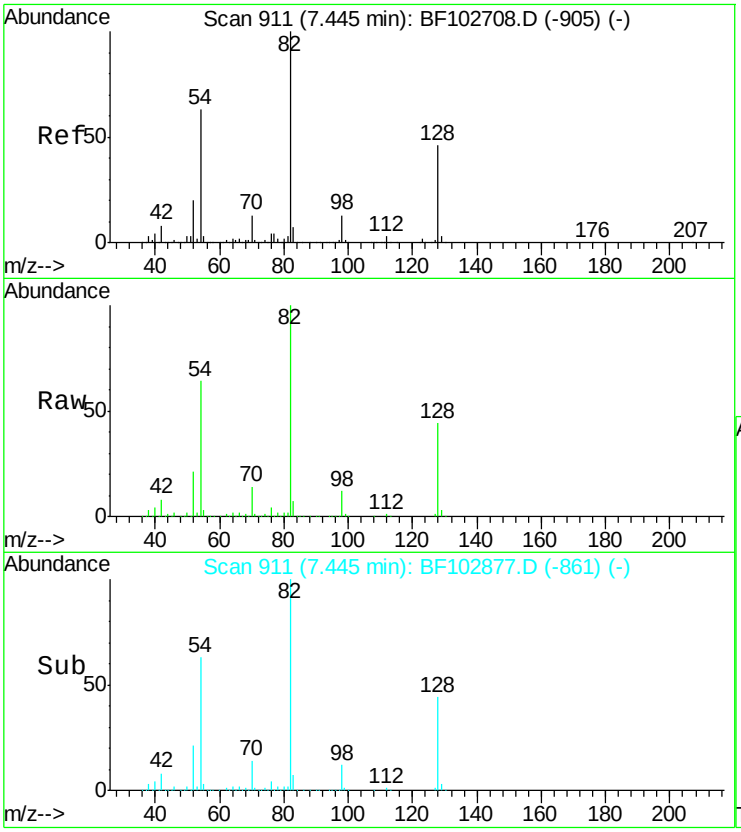


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:136 Resp: 723691

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.2	5.0	7.4



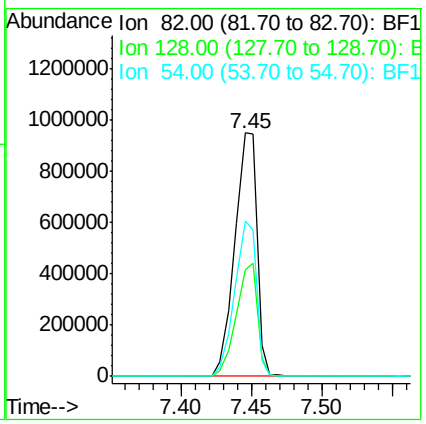


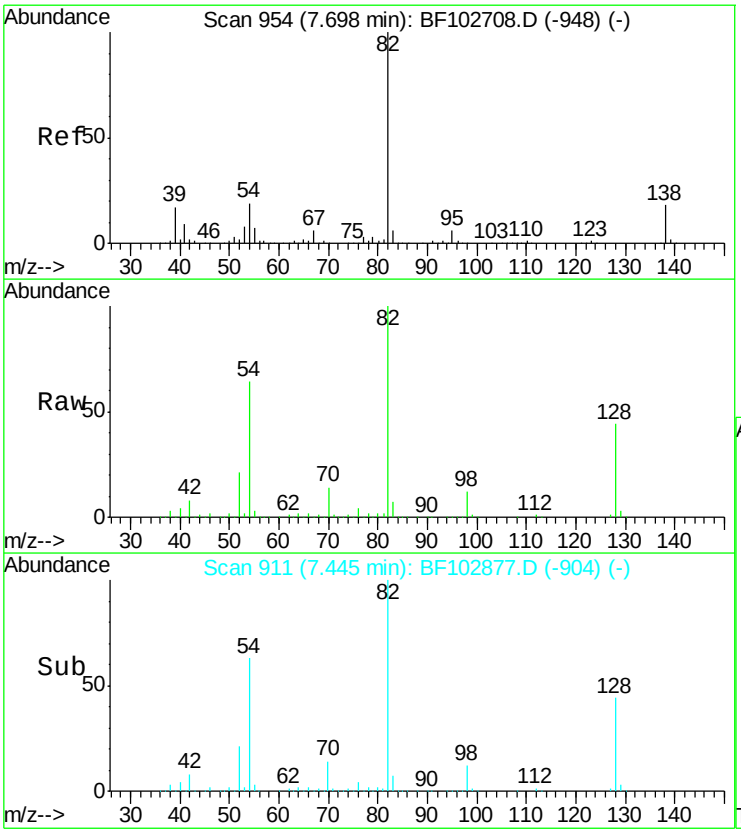
#23
Nitrobenzene-d5
Concen: 100.047 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1043710

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	63.5	41.4	62.2#

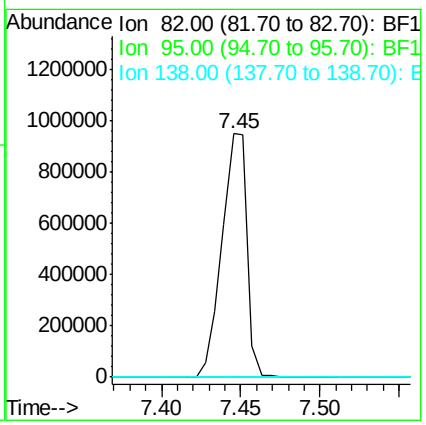


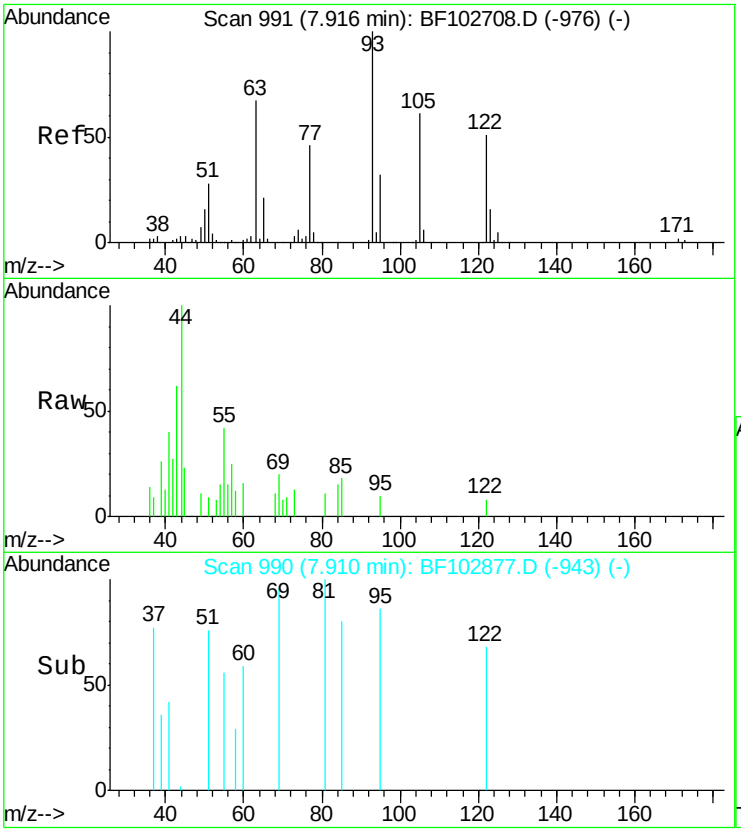


#25
Isophorone
Concen: 43.361 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion: 82 Resp: 1041620

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



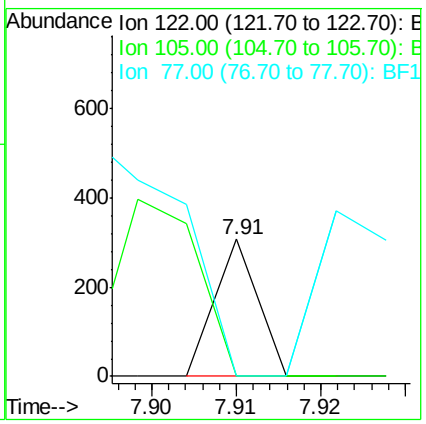


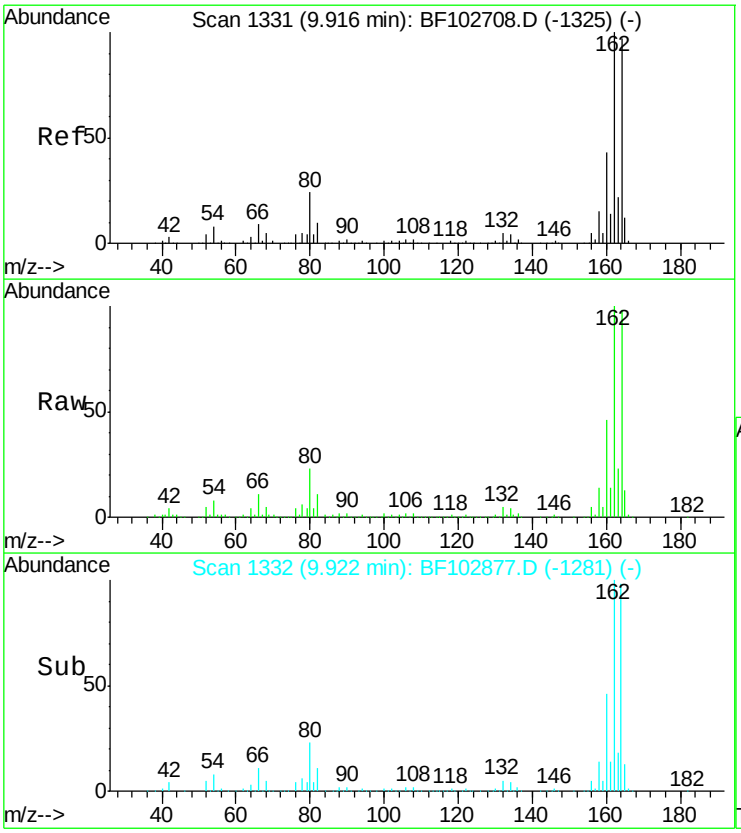
#32
Benzoic acid
Concen: 8.557 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

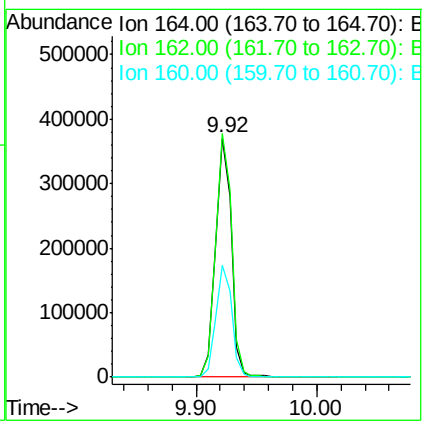


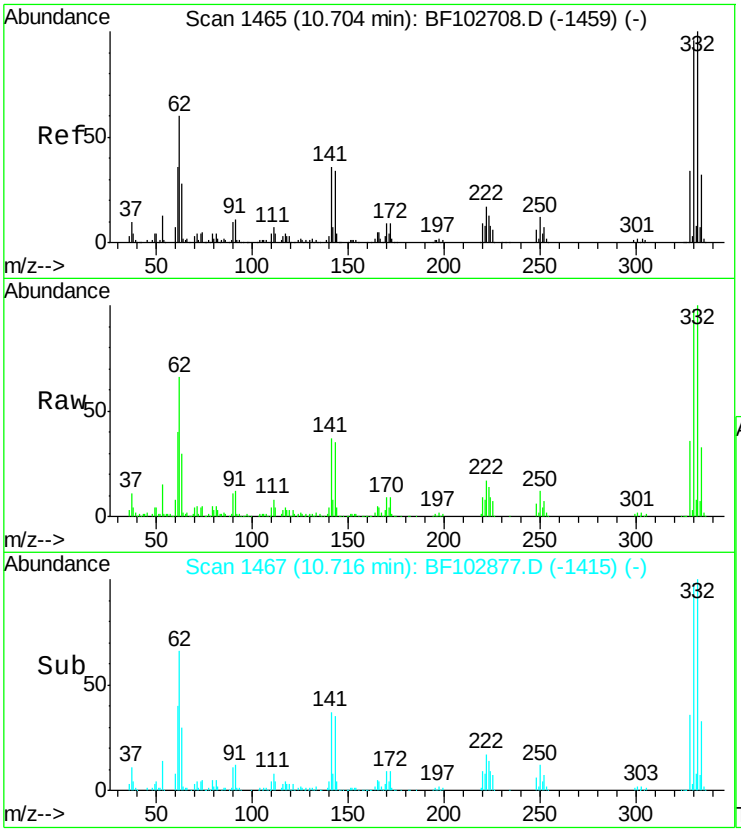


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:164 Resp: 330311

Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.9	38.3	57.5



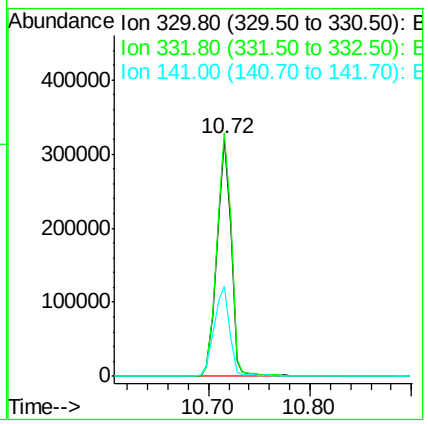


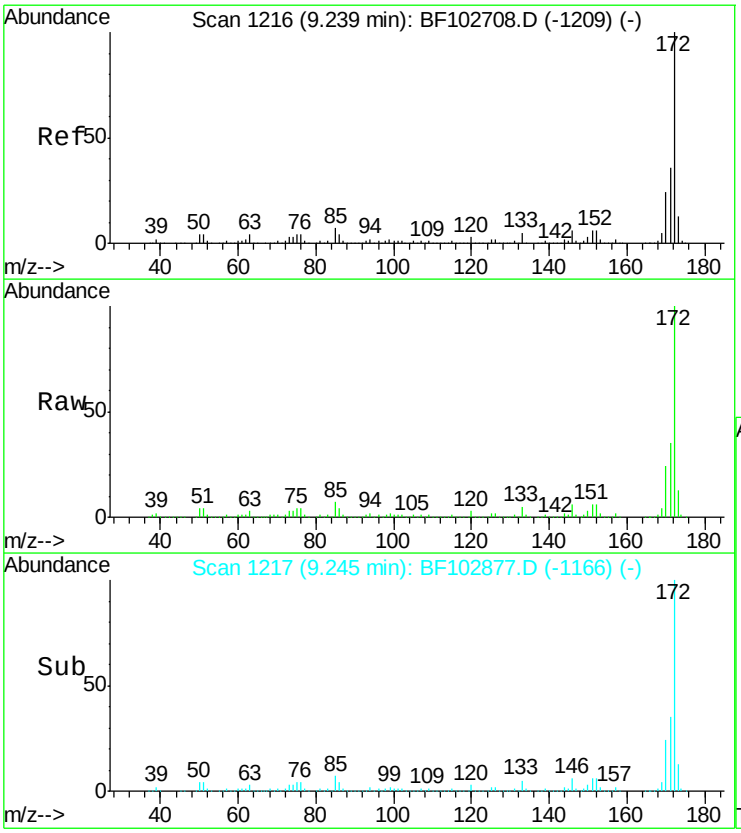
#41
2,4,6-Tribromophenol
Concen: 118.846 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 315966

Ion	Ratio	Lower	Upper
330	100		
332	102.7	77.0	115.6
141	40.8	29.9	44.9

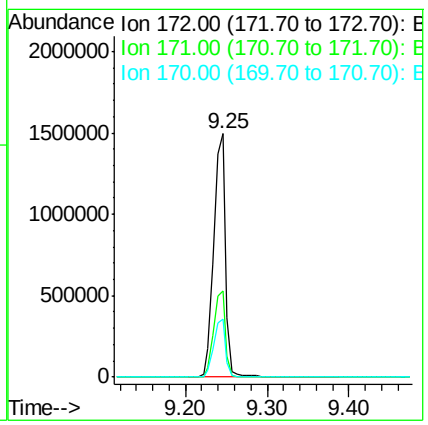


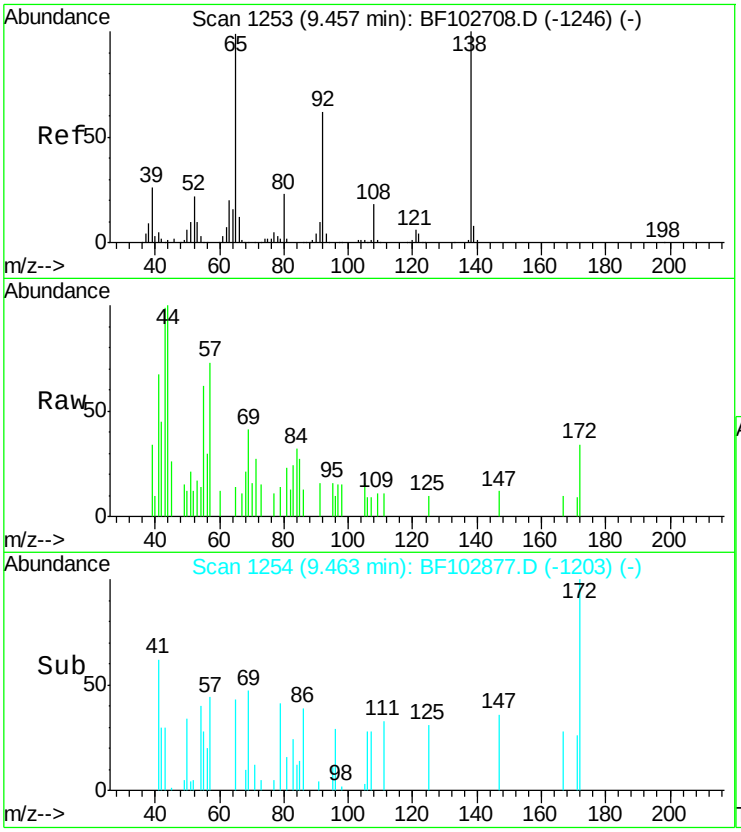


#44
2-Fluorobiphenyl
Concen: 75.357 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:172 Resp: 1500052

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	19.6	29.4



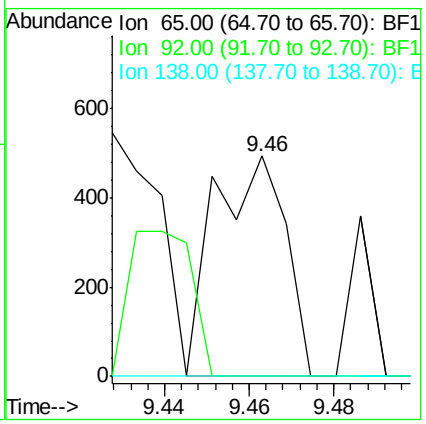


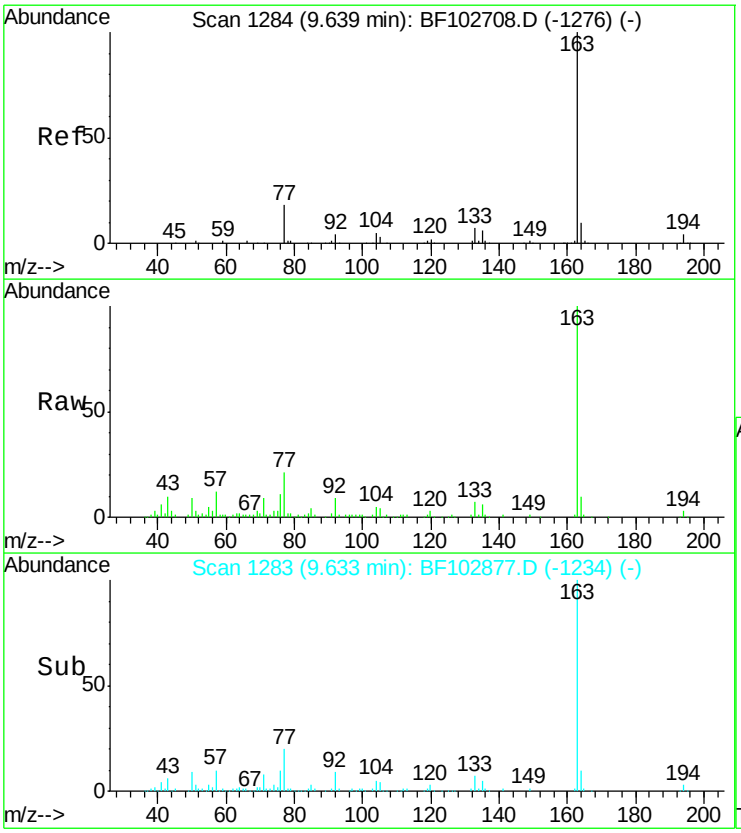
#47
2-Nitroaniline
Concen: 3.551 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 577

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

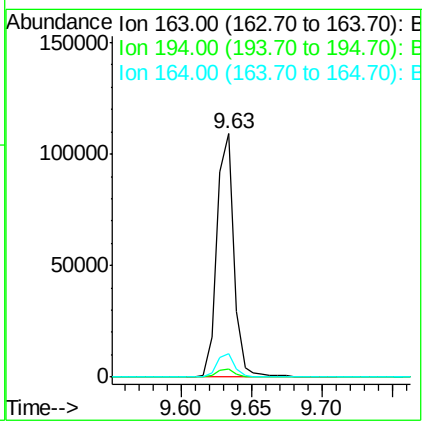


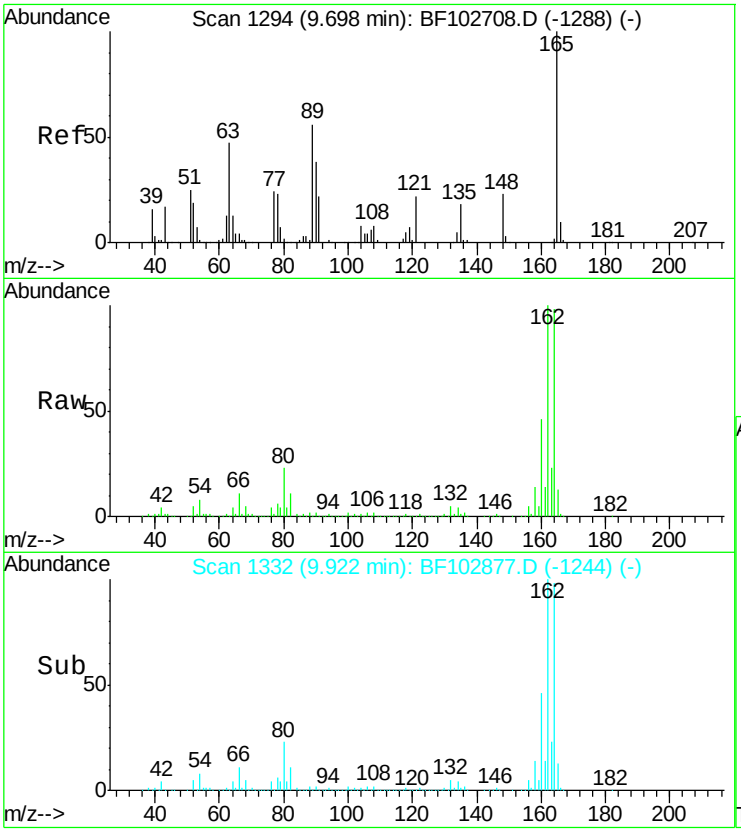


#49
Dimethylphthalate
Concen: 3.583 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:163 Resp: 92292

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



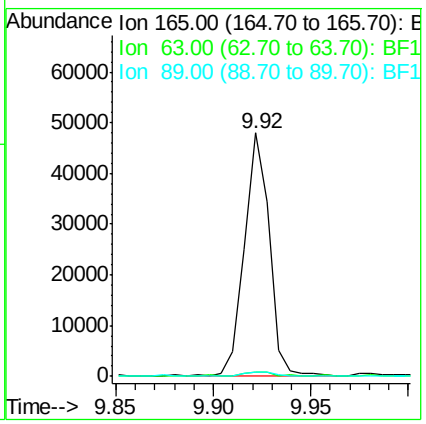


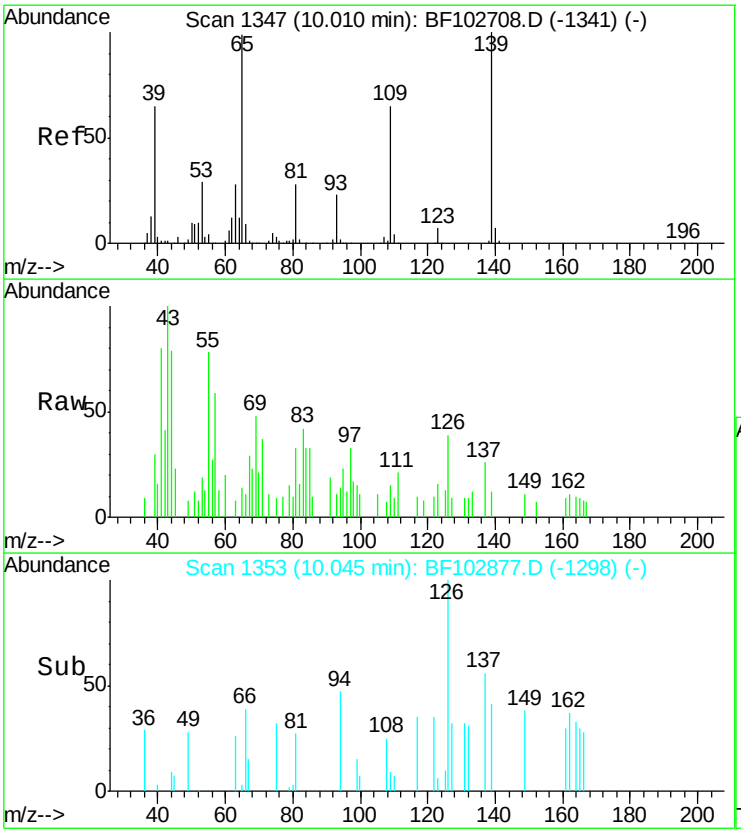
#50
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.22 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42762

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.0	44.0	66.0#

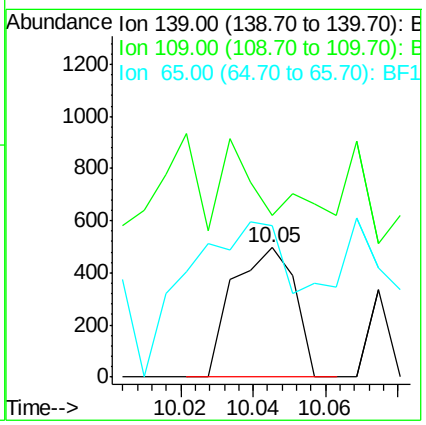


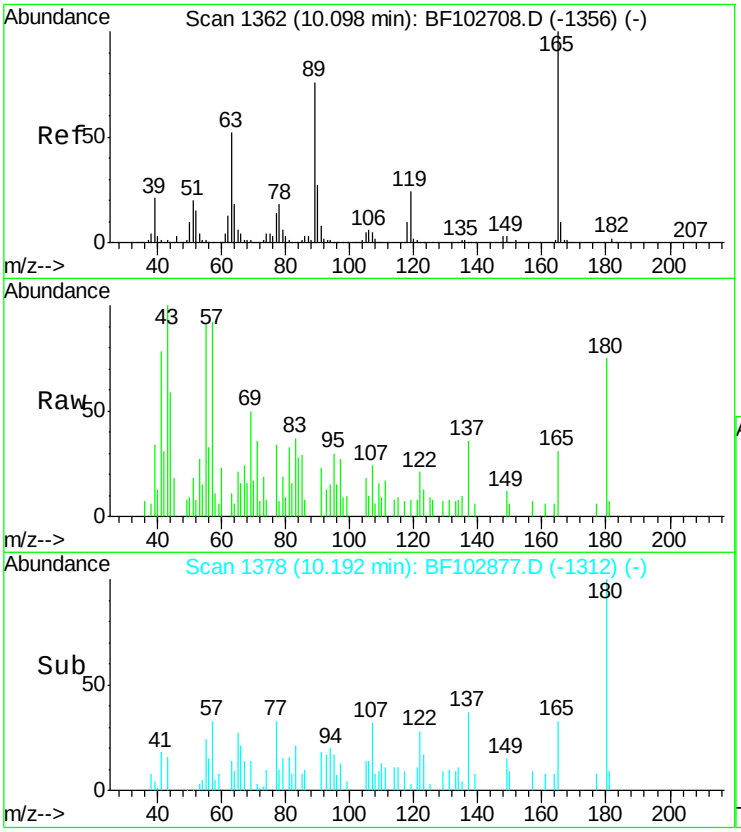


#55
4-Nitrophenol
Concen: 4.137 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:139 Resp: 590

Ion	Ratio	Lower	Upper
139	100		
109	125.2	48.4	88.4#
65	116.7	72.6	112.6#



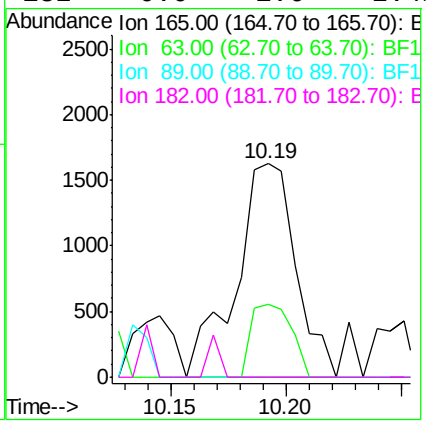


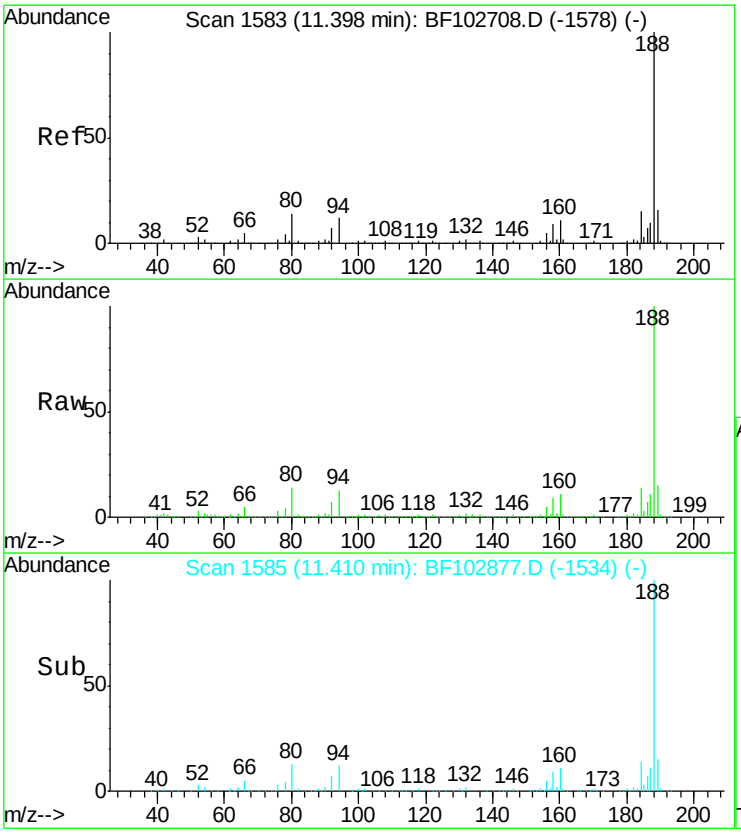
#56
2,4-Dinitrotoluene
Concen: 3.495 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.09 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 2943

Ion	Ratio	Lower	Upper
165	100		
63	33.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

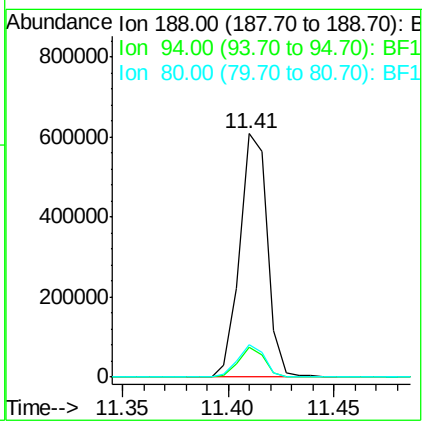


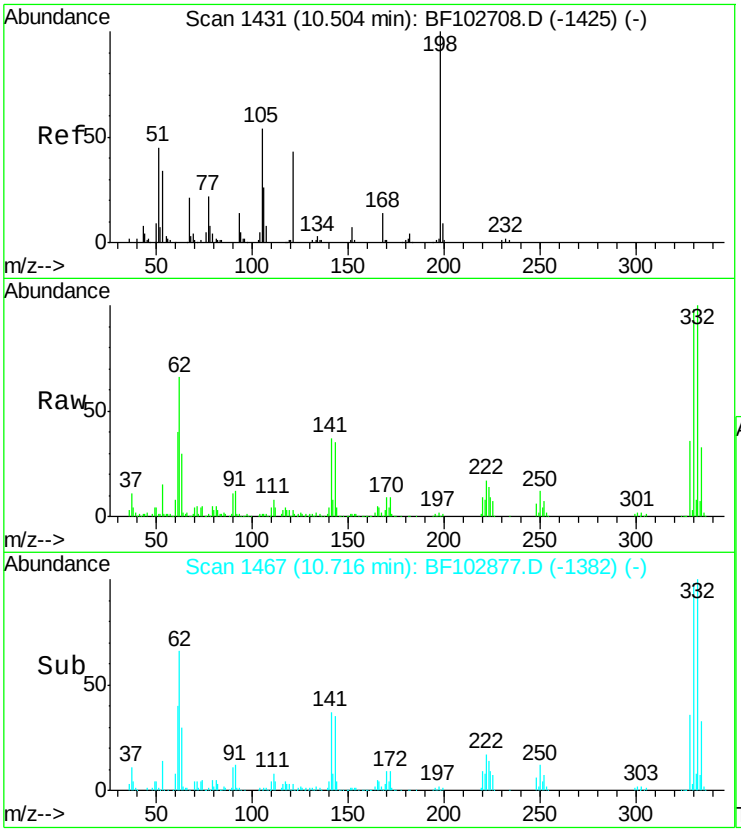


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:188 Resp: 553105

Ion	Ratio	Lower	Upper
188	100		
94	12.5	8.5	12.7
80	13.5	9.2	13.8



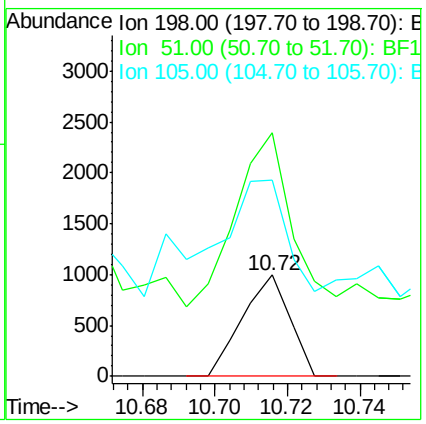


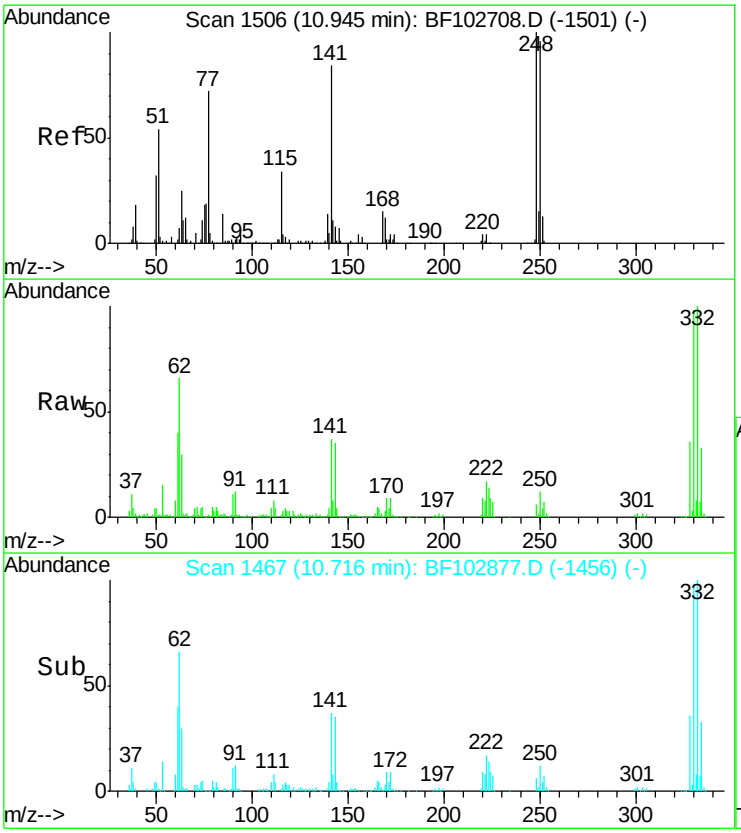
#64
4,6-Dinitro-2-methylphenol
Concen: 9.156 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 904

Ion	Ratio	Lower	Upper
198	100		
51	240.3	37.7	77.7#
105	194.2	36.3	76.3#

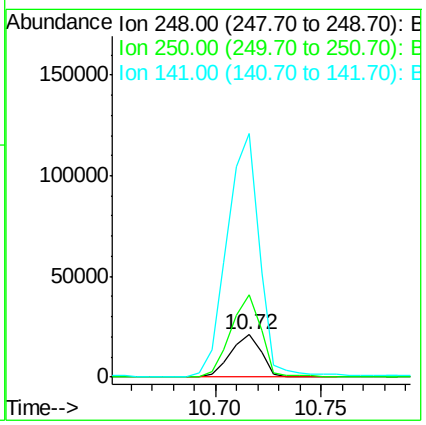


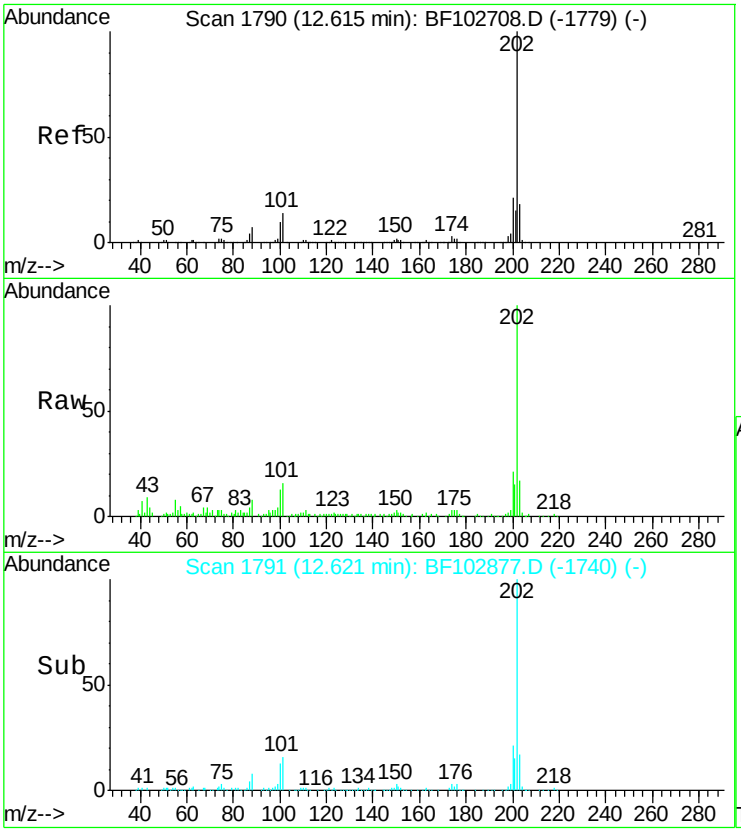


#66
4-Bromophenyl-phenylether
Concen: 3.647 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:248 Resp: 21338

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.9	115.3#
141	574.1	74.4	111.6#



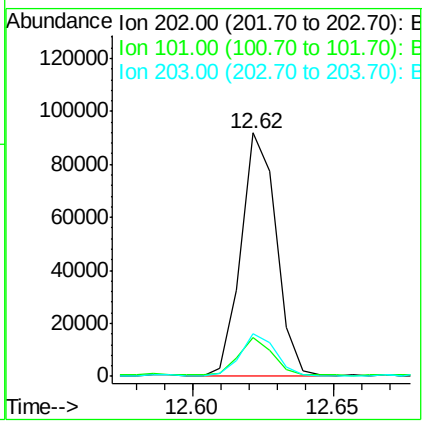


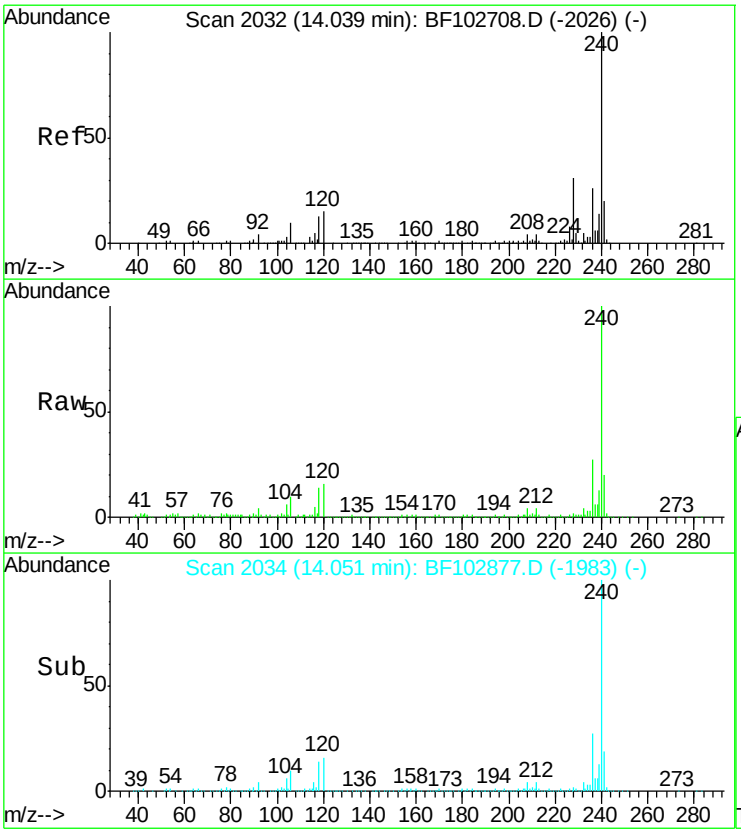
#74
Fluoranthene
Concen: 2.581 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 80004

Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.3	0.0	38.1

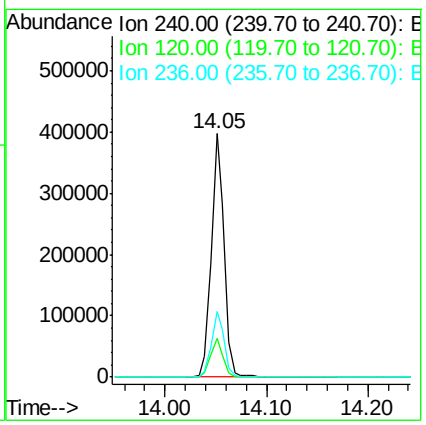


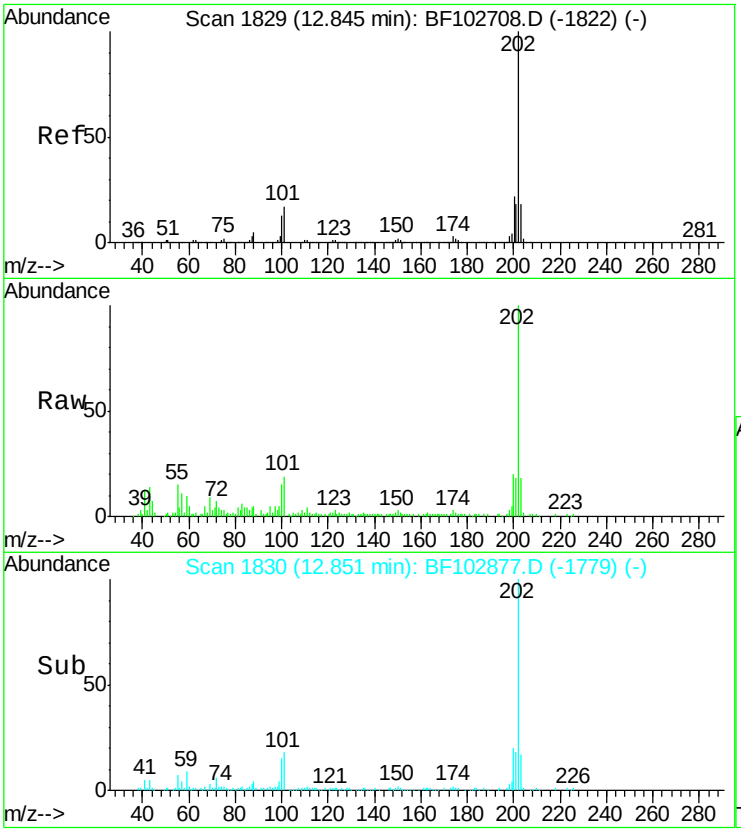


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:240 Resp: 346336

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	27.1	20.7	31.1



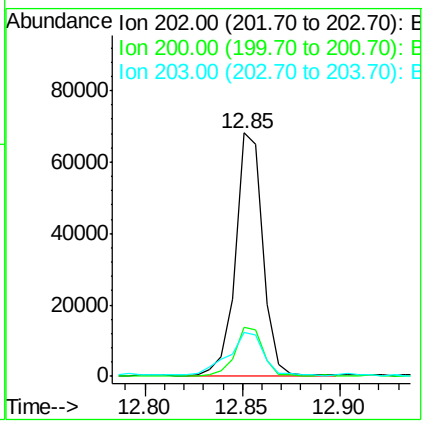


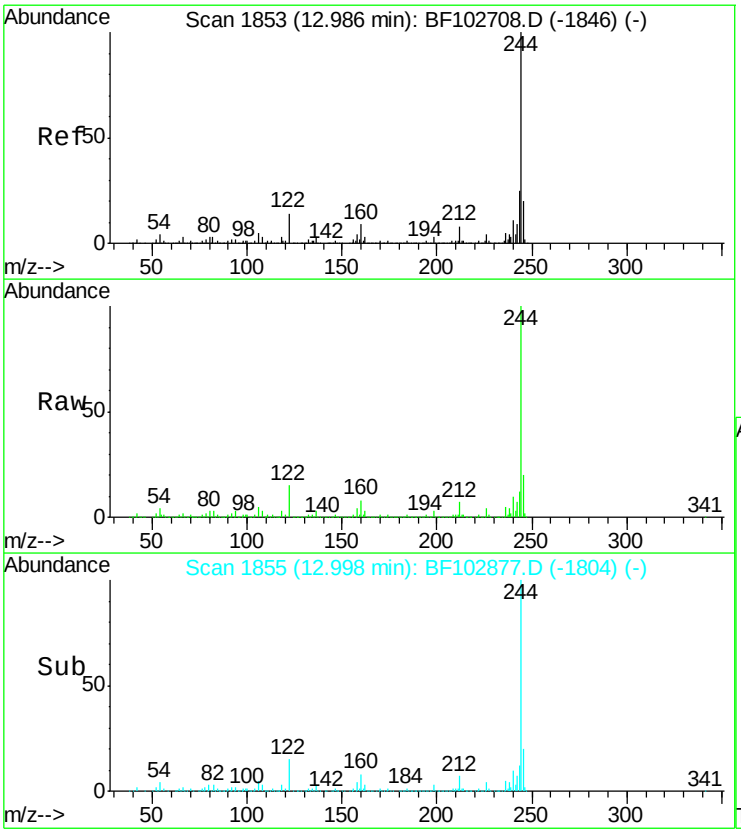
#77
Pyrene
Concen: 2.453 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66606

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.9	14.3	21.5

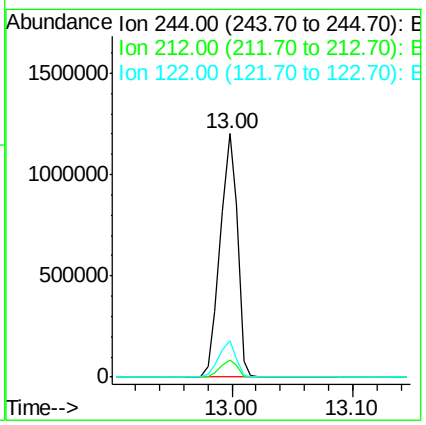


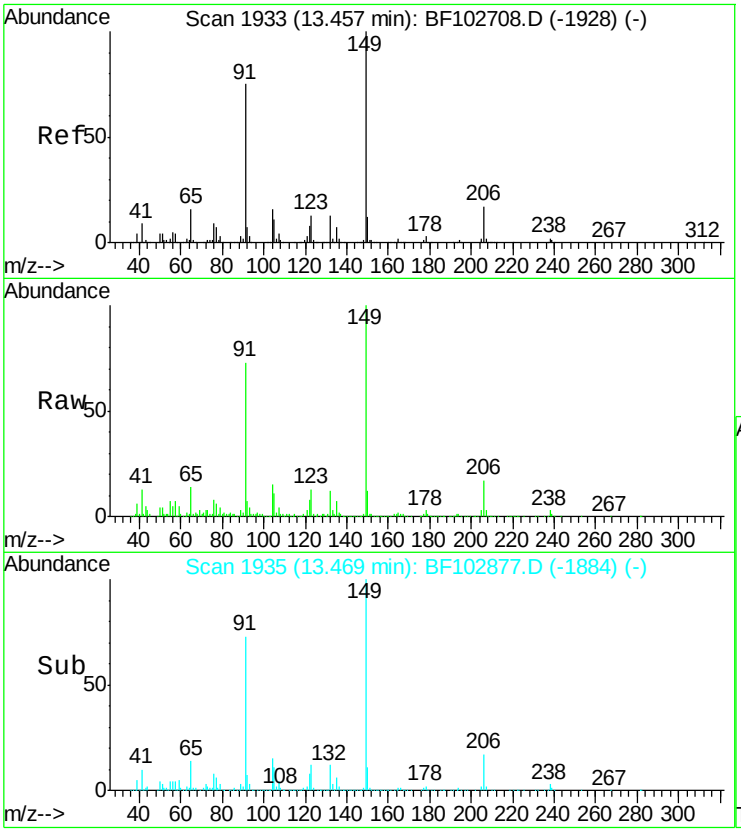


#78
Terphenyl-d14
Concen: 80.972 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:244 Resp: 1184386

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.7	11.0	16.4



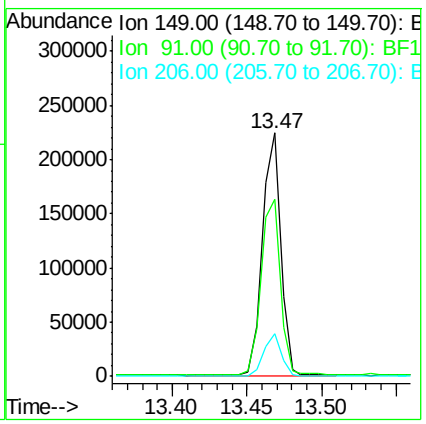


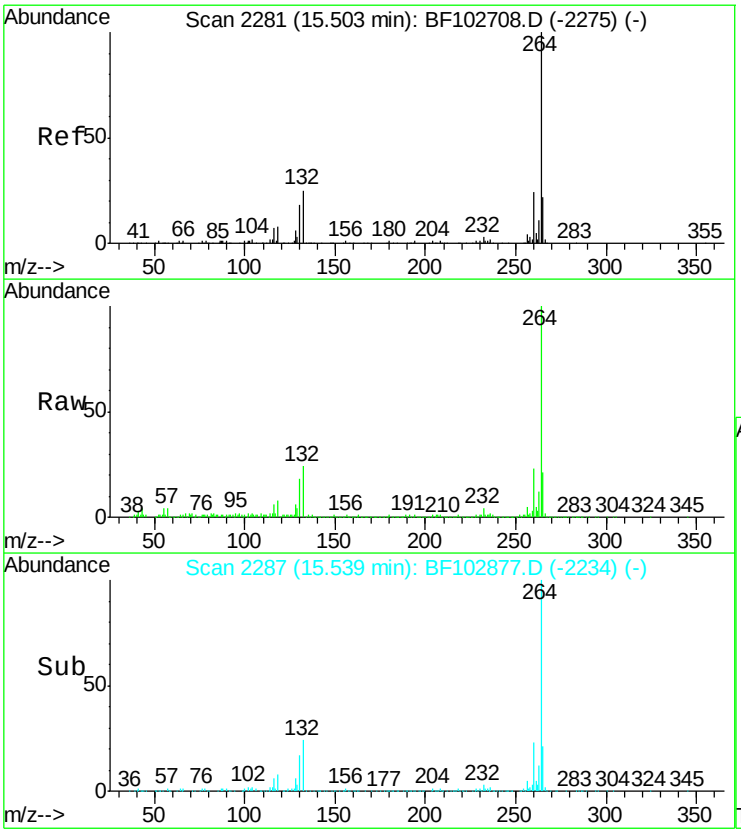
#79
Butylbenzylphthalate
Concen: 15.175 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 187832

Ion	Ratio	Lower	Upper
149	100		
91	73.0	56.8	85.2
206	17.3	14.1	21.1

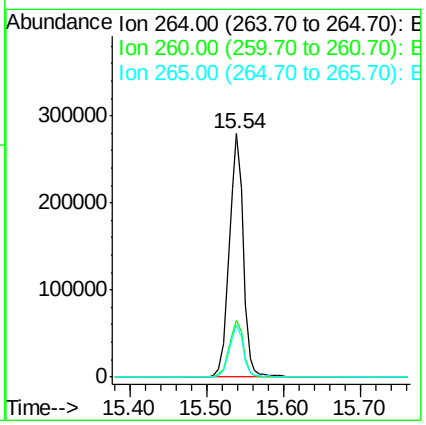


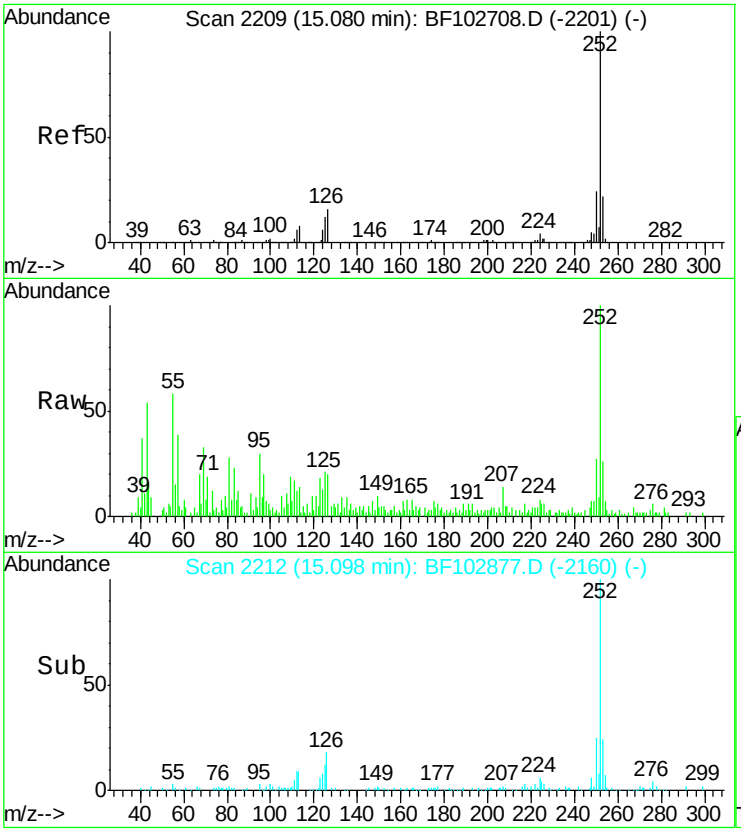


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:264 Resp: 356419

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3



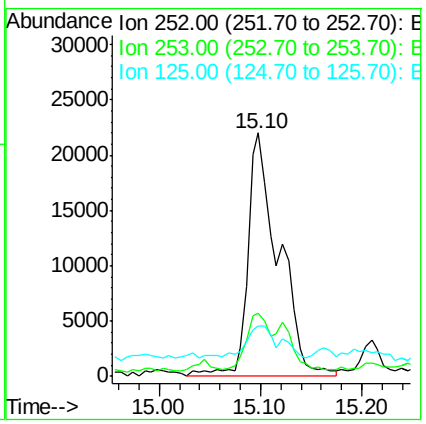


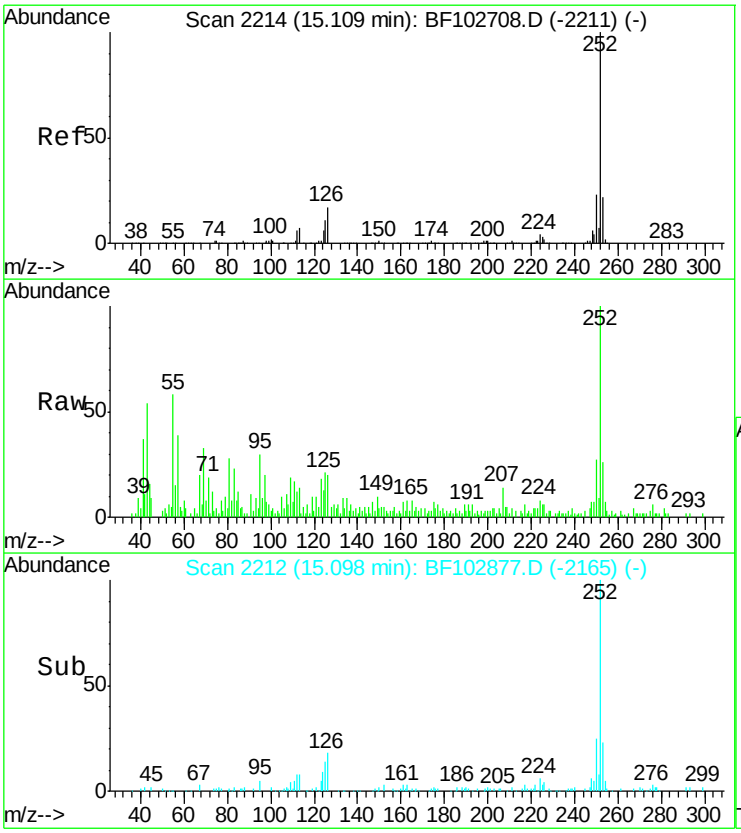
#87
Benzo(b)fluoranthene
Concen: 2.015 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 46553

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	20.8	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.108 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF102877.D
Acq: 9 Feb 2018 10:02

Tgt Ion:252 Resp: 46553

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.9	26.9
125	20.8	10.2	15.2#