Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102756.D
Acq On : 6 Feb 2018 00:23
Operator : SJ/JU
Sample : J1447-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:30 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	6.88	152	195783	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	808732	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	350342	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	538895	20.00	ng		0.00
75) Chrysene-d12	14.04	240	324356	20.00	ng		0.00
86) Perylene-d12	15.52	264	311031	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1305262	101.25	ng		0.00
7) Phenol-d6	6.50	99	1522939	98.11	ng		0.00
23) Nitrobenzene-d5	7.44	82	948972	81.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	279039	98.96	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1375387	65.14	ng		0.00
78) Terphenyl-d14	12.99	244	877120	64.03	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	76661	4.608	ng		98
19) n-Nitroso-di-n-propylamine	7.44	70	124565	12.171	ng	#	85
25) Isophorone	7.44	82	946875	35.272	ng	#	64
31) Naphthalene	8.18	128	129525	3.278	ng		99
32) Benzoic acid	7.84	122	9029	9.630	ng		96
47) 2-Nitroaniline	9.45	65	294	3.510	ng	#	33
49) Dimethylphthalate	9.63	163	223125	8.168	ng		99
53) 2,4-Dinitrophenol	10.20	184	109	8.036	ng	#	1
55) 4-Nitrophenol	10.02	139	650	4.141	ng	#	1
56) 2,4-Dinitrotoluene	9.92	165	47564	9.462	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	761	9.106	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	19198	3.368	ng	#	1
70) Phenanthrene	11.43	178	76938	2.563	ng		98
74) Fluoranthene	12.62	202	120142	3.979	ng		99
77) Pyrene	12.85	202	105900	4.164	ng		97
87) Benzo(b)fluoranthene	15.09	252	69816	3.462	ng	#	83
88) Benzo(k)fluoranthene	15.09	252	69816	3.623	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102756.D
Acq On : 6 Feb 2018 00:23
Operator : SJ/JU
Sample : J1447-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:30 2018
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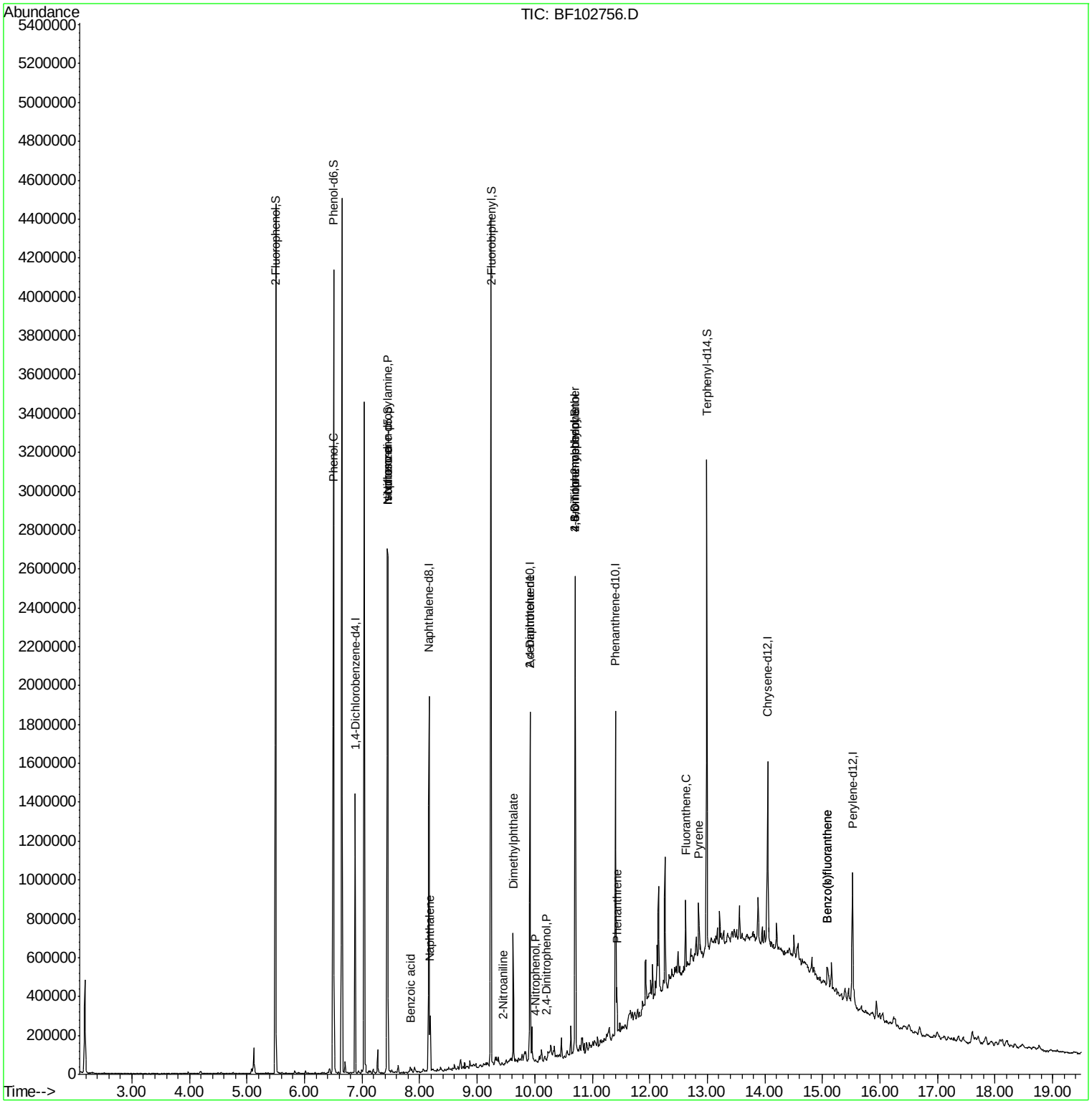
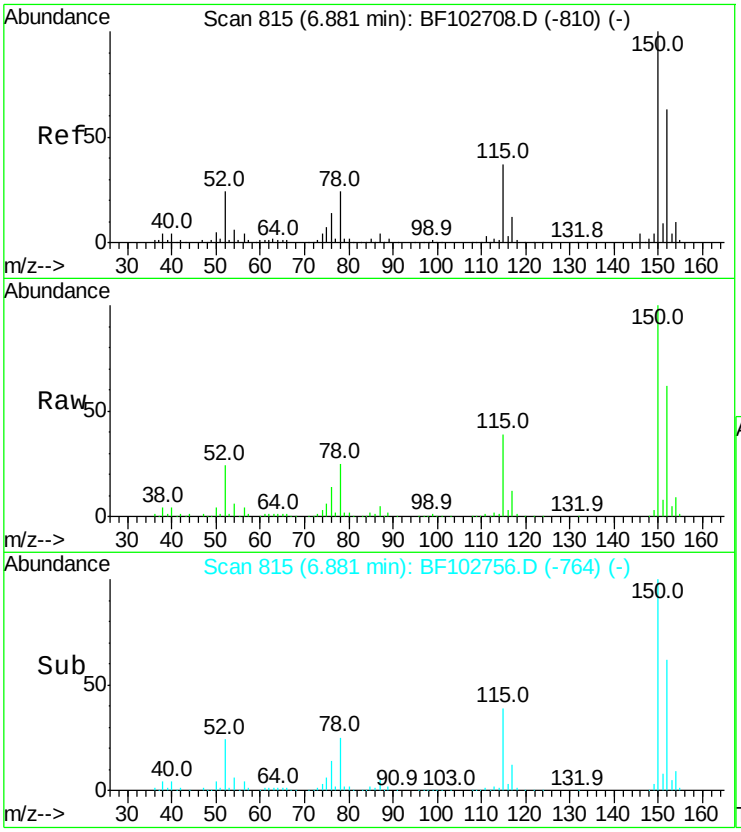


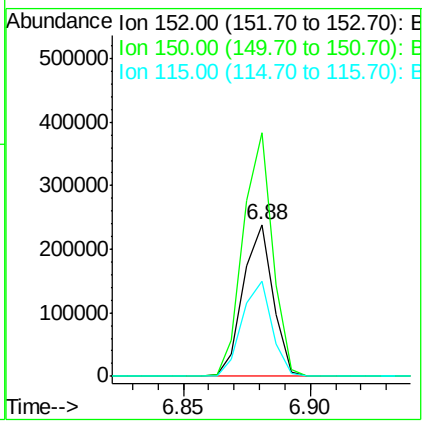


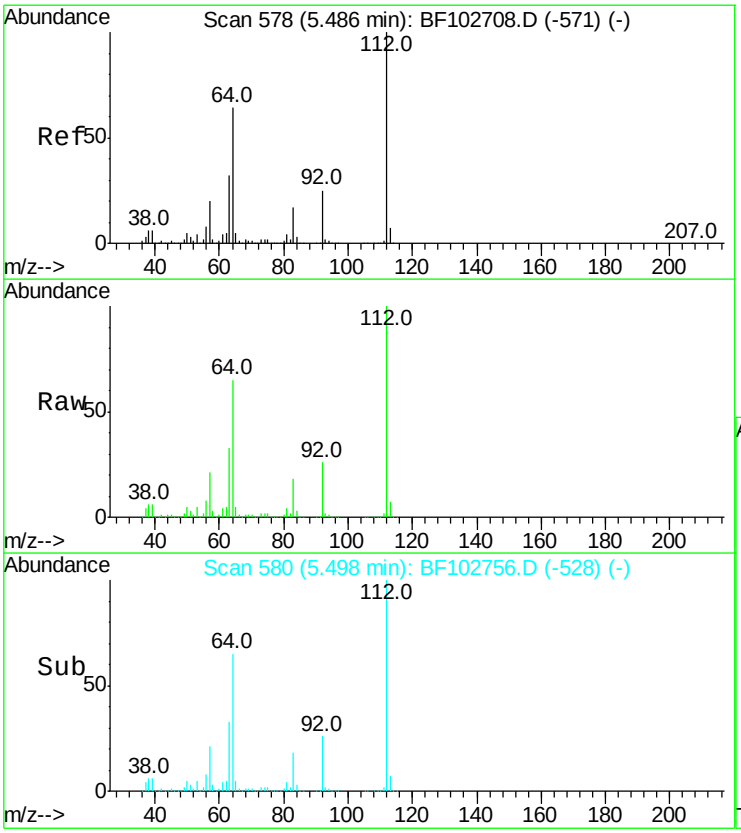
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 195783

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.7	50.1	75.1

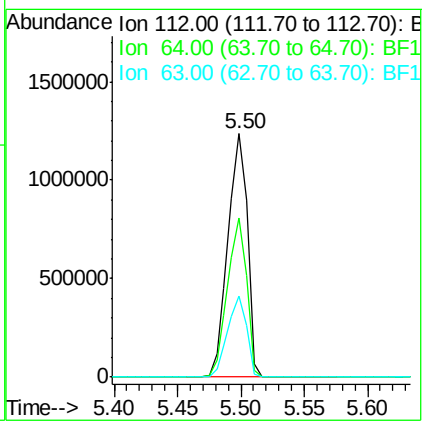


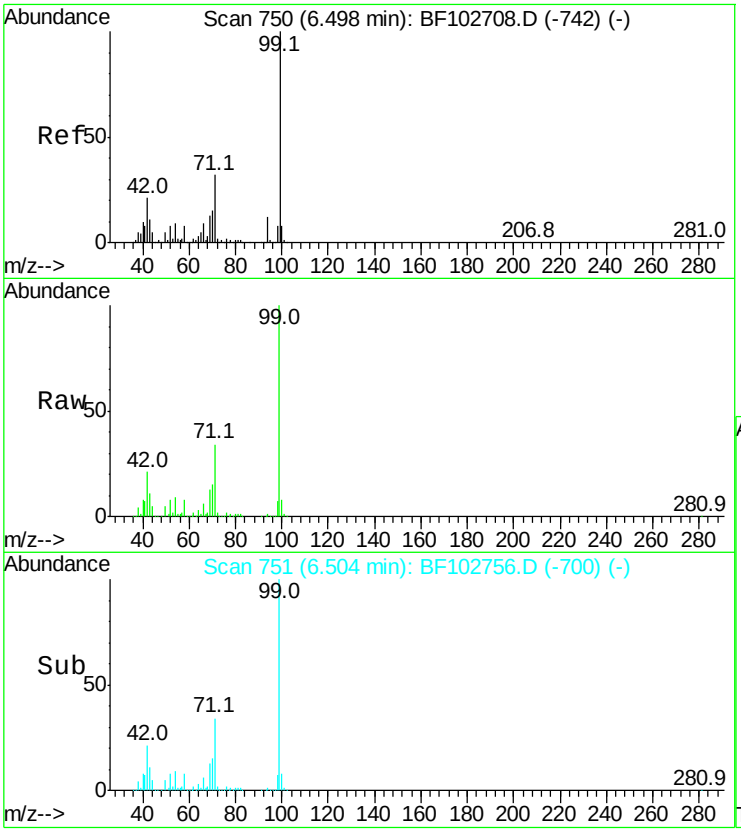


#5
2-Fluorophenol
Concen: 101.248 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:112 Resp: 1305262

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.4	23.7	35.5



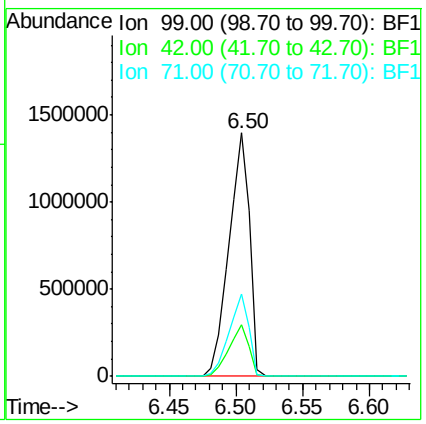


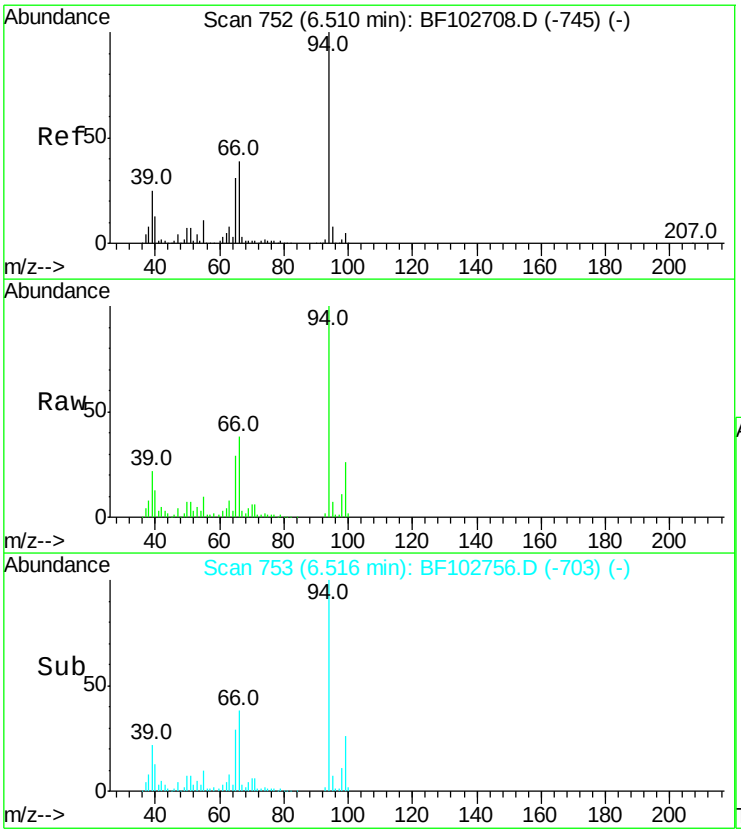
#7
Phenol-d6
Concen: 98.111 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1522939

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	33.8	25.4	38.0

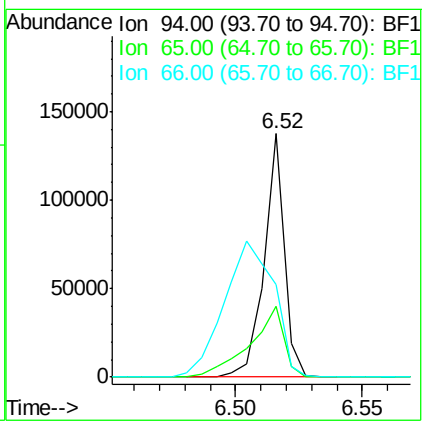


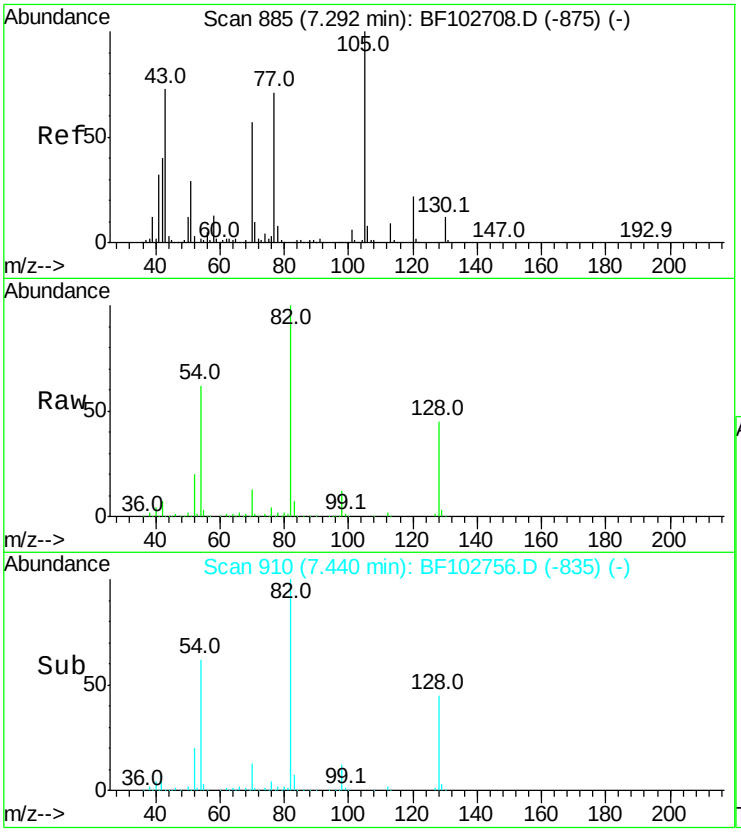


#10
Phenol
Concen: 4.608 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion: 94 Resp: 76661

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	37.8	16.2	56.2



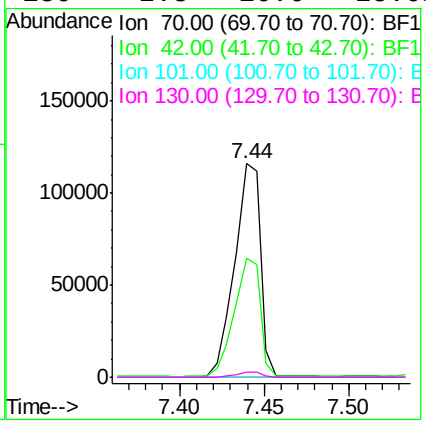


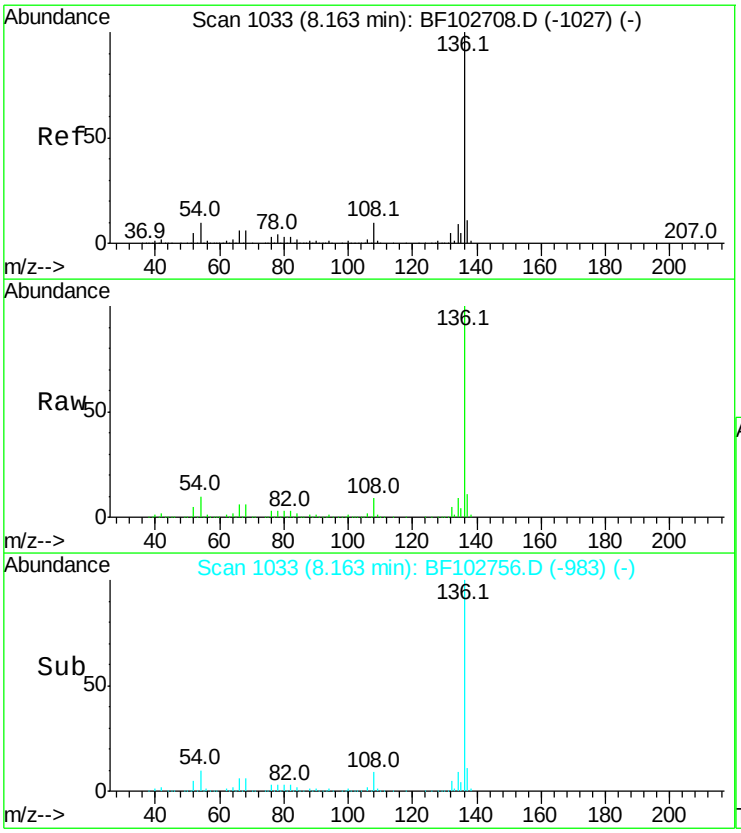
#19
n-Nitroso-di-n-propylamine
Concen: 12.171 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124565

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

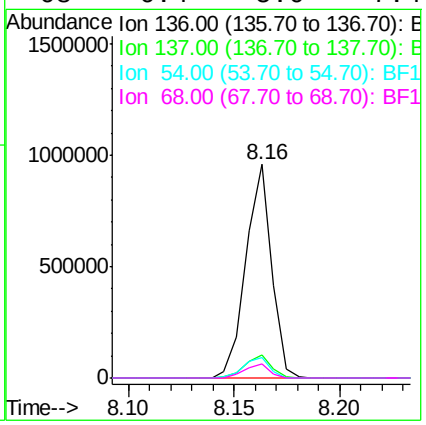


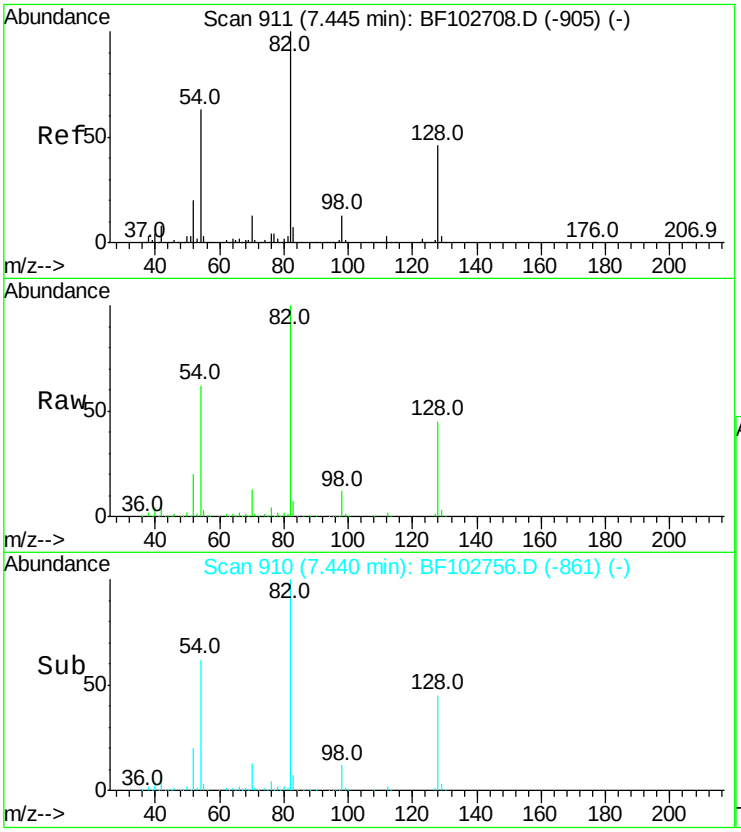


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:136 Resp: 808732

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.7	6.6	9.8
68	6.4	5.0	7.4



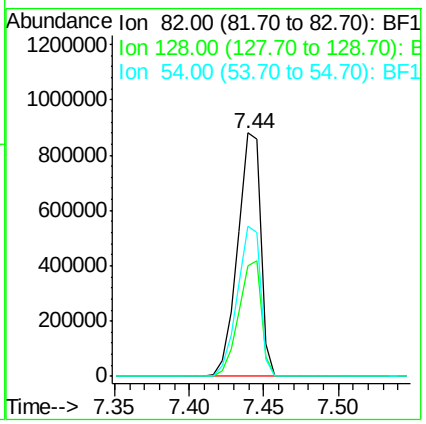


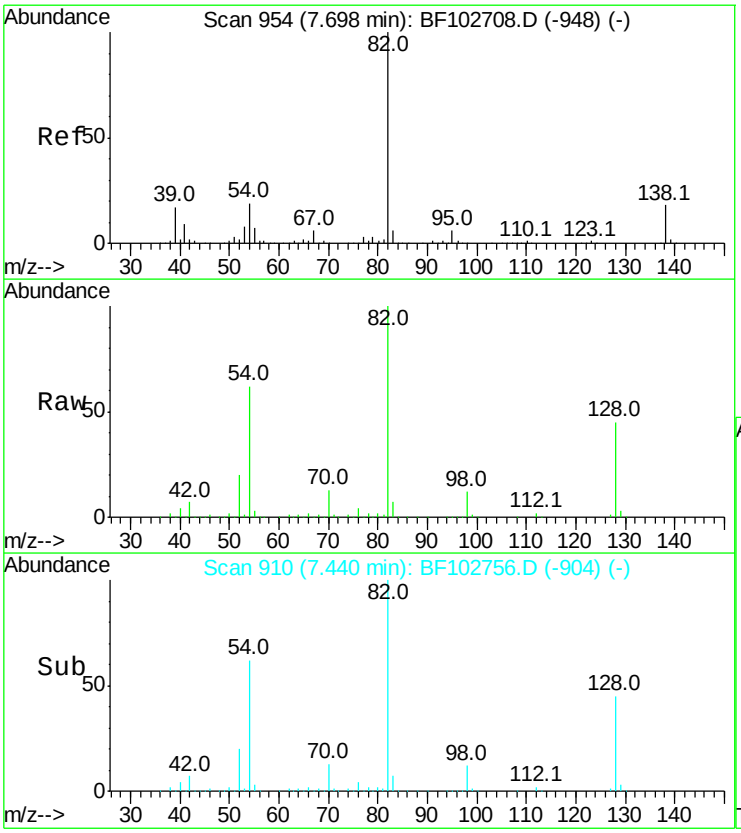
#23
Nitrobenzene-d5
Concen: 81.400 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 948972

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.6	41.4	62.2

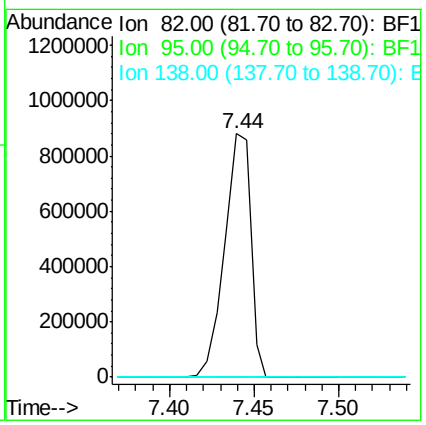


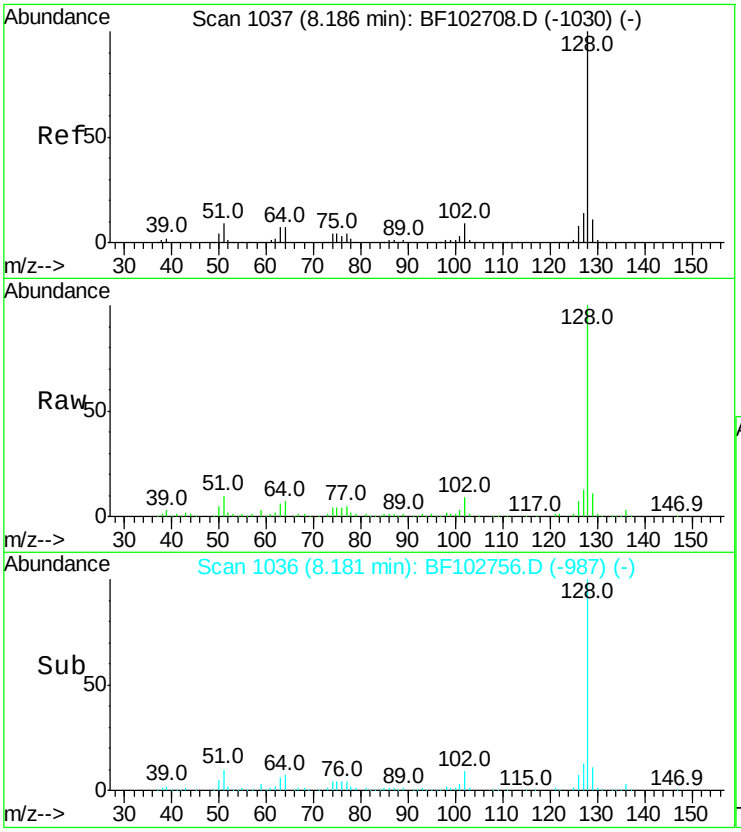


#25
Isophorone
Concen: 35.272 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion: 82 Resp: 946875

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



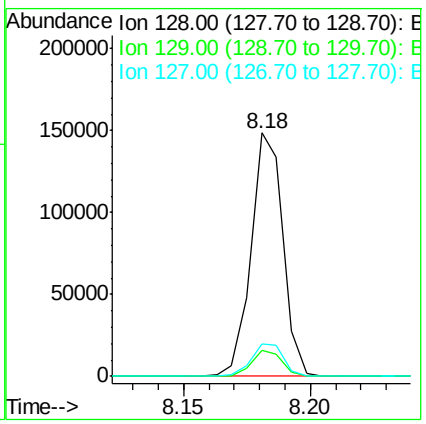


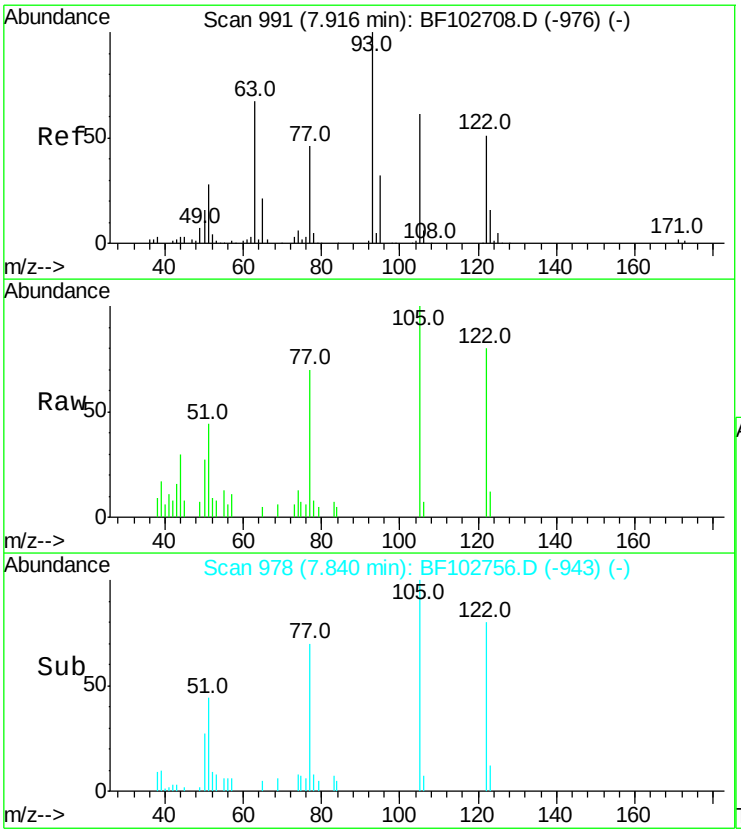
#31
Naphthalene
Concen: 3.278 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 129525

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

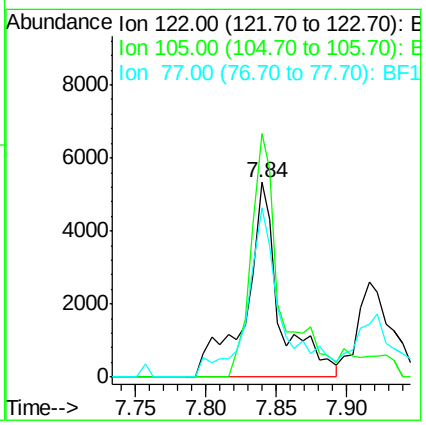


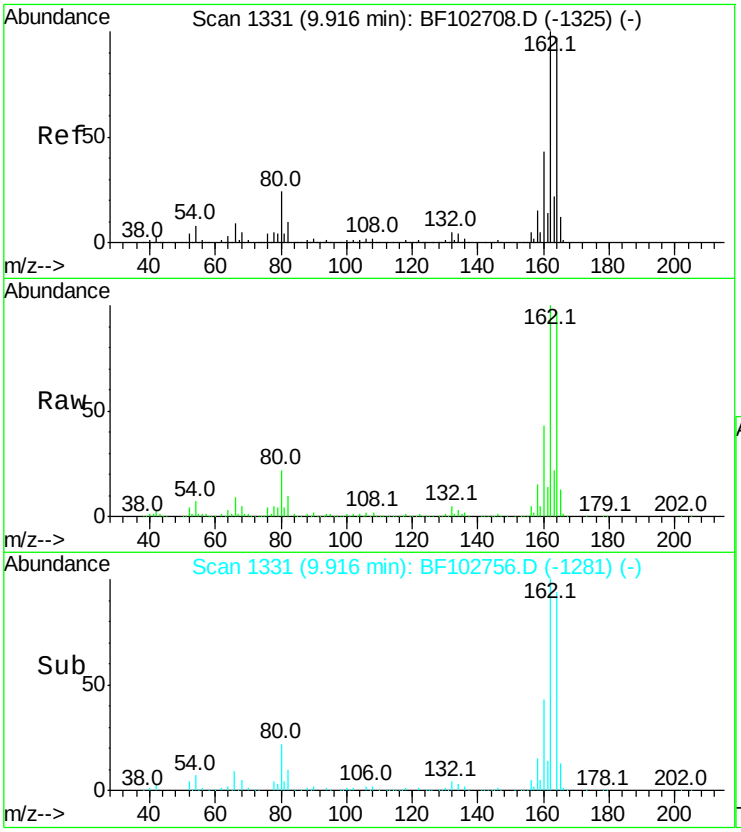


#32
Benzoic acid
Concen: 9.630 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.09 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:122 Resp: 9029

Ion	Ratio	Lower	Upper
122	100		
105	125.1	101.1	141.1
77	87.0	70.7	110.7



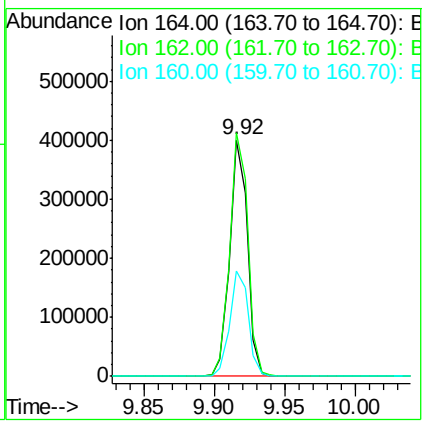


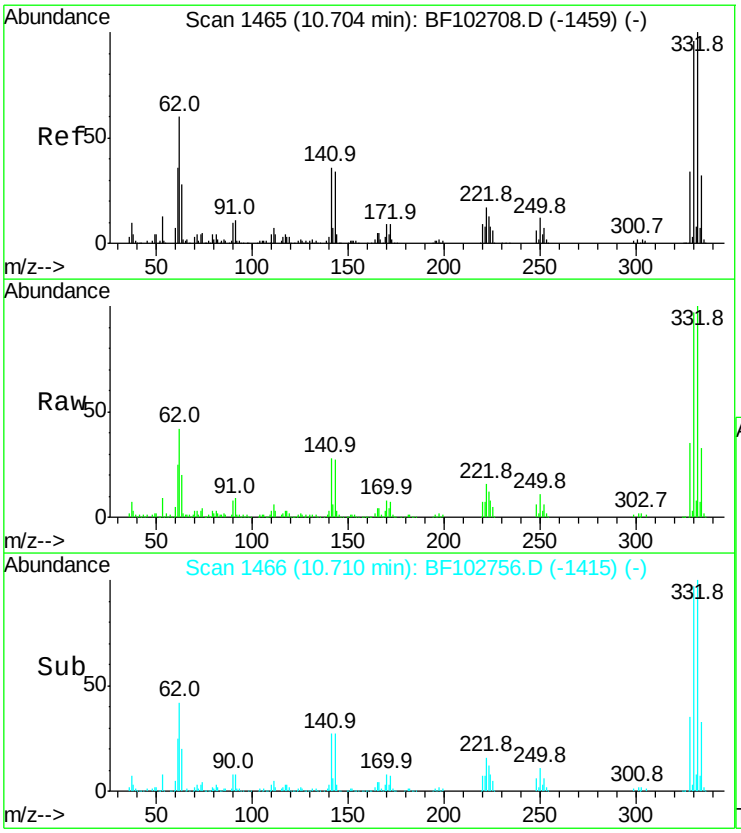
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 350342

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.6	38.3	57.5

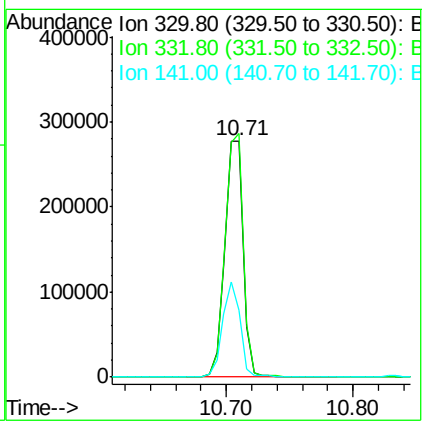


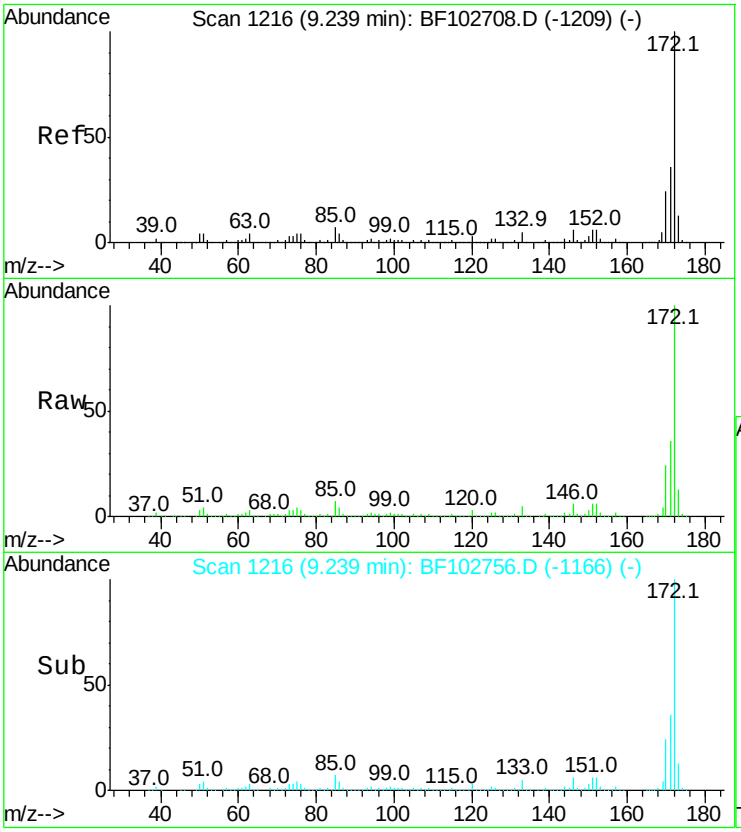


#41
2,4,6-Tribromophenol
Concen: 98.955 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:330 Resp: 279039

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	39.1	29.9	44.9



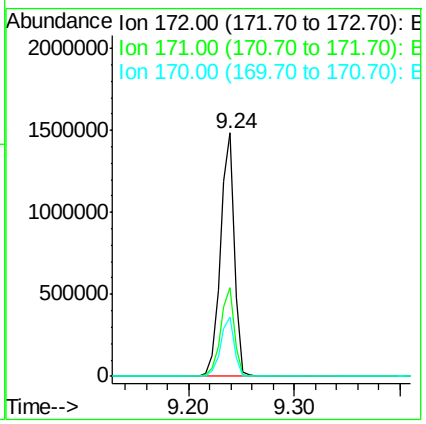


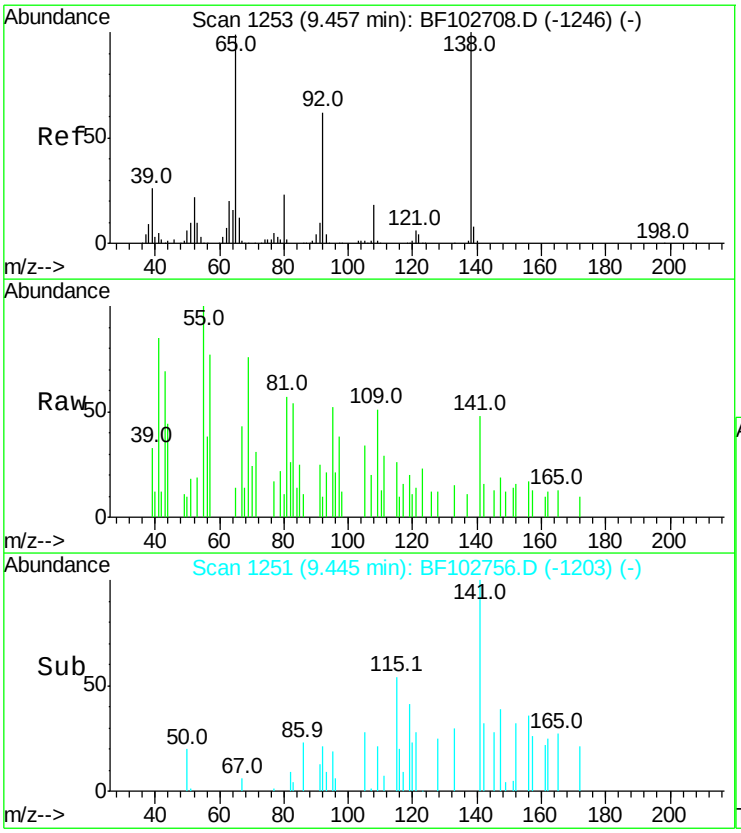
#44
2-Fluorobiphenyl
Concen: 65.144 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1375387

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

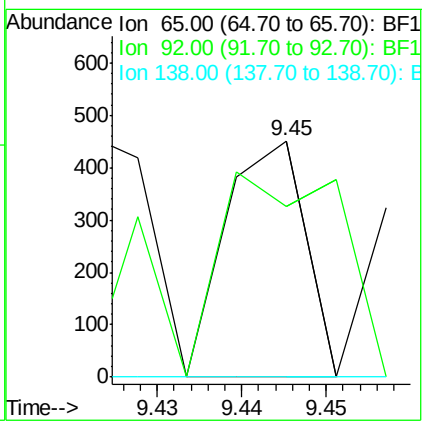


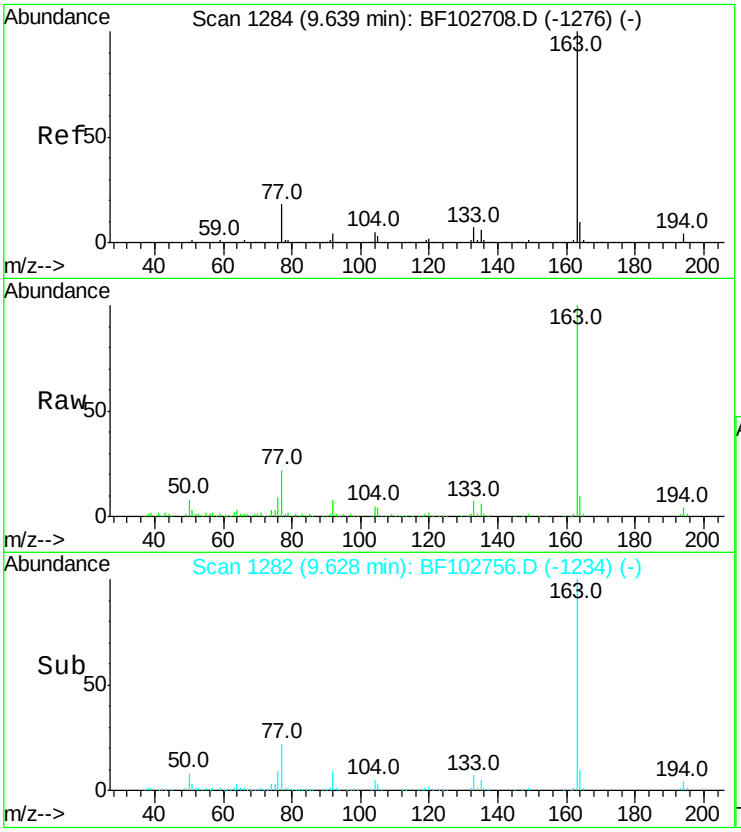


#47
2-Nitroaniline
Concen: 3.510 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion: 65 Resp: 294

Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	0.0	91.2	136.8#



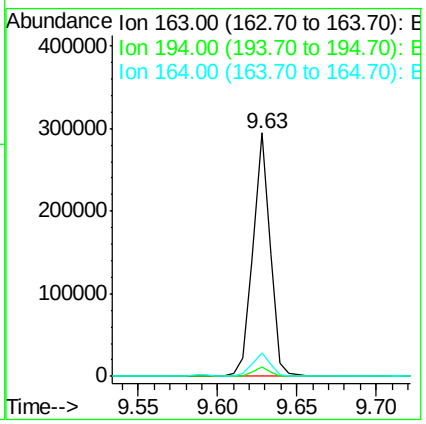


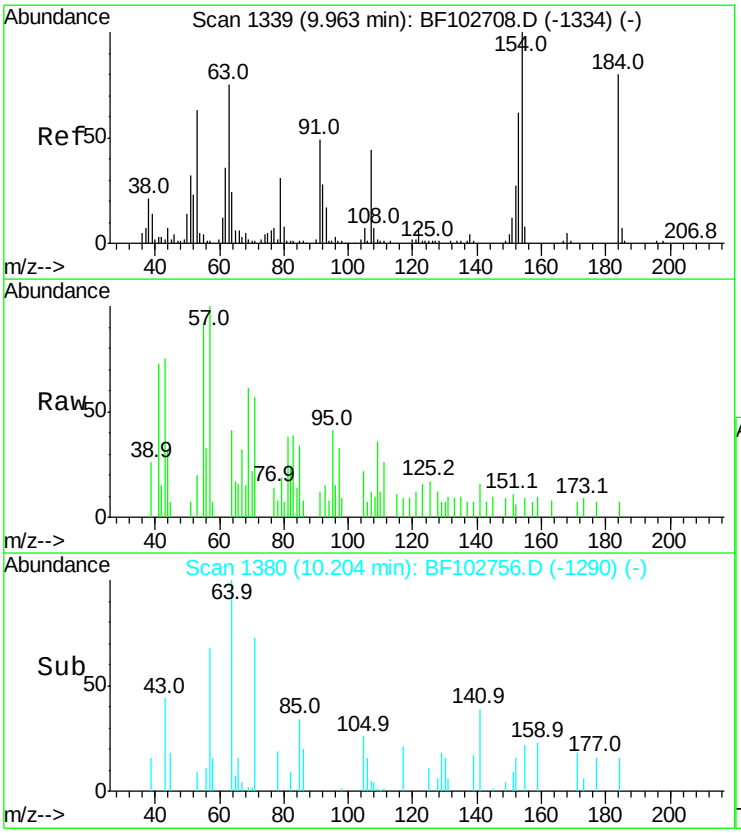
#49
Dimethylphthalate
Concen: 8.168 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 223125

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.9	8.2	12.2

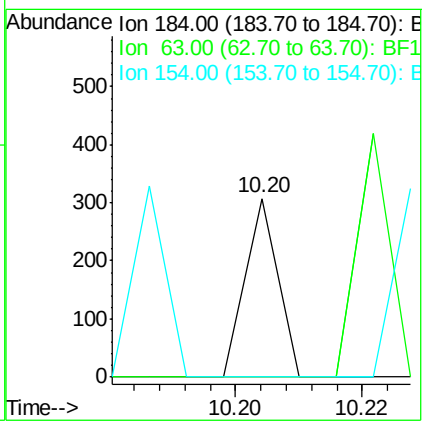


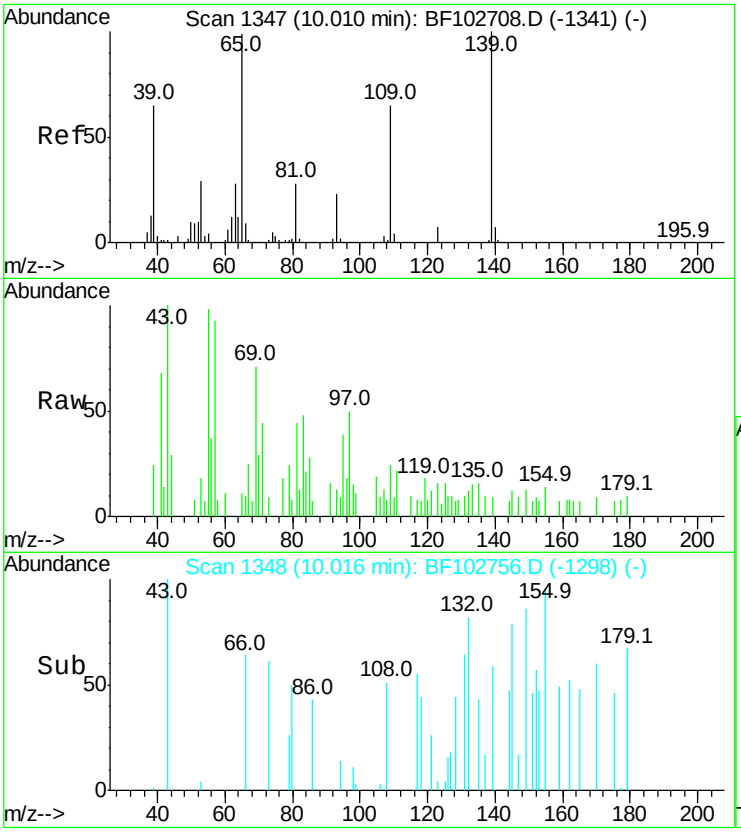


#53
2,4-Dinitrophenol
Concen: 8.036 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.23 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



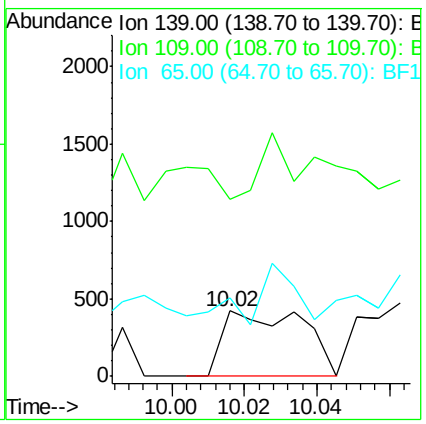


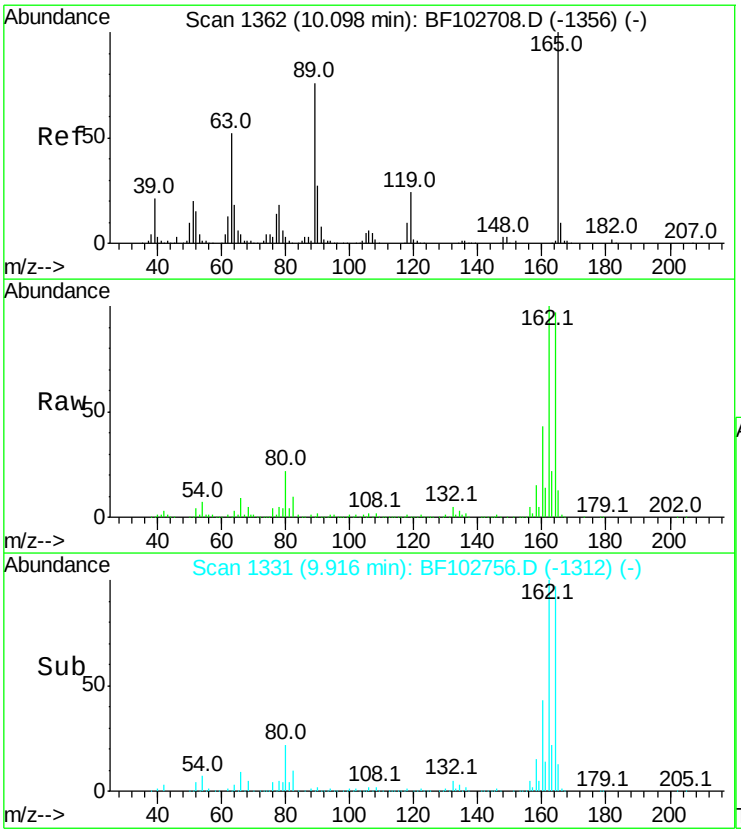
#55
4-Nitrophenol
Concen: 4.141 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 650

Ion	Ratio	Lower	Upper
139	100		
109	271.4	48.4	88.4#
65	119.9	72.6	112.6#

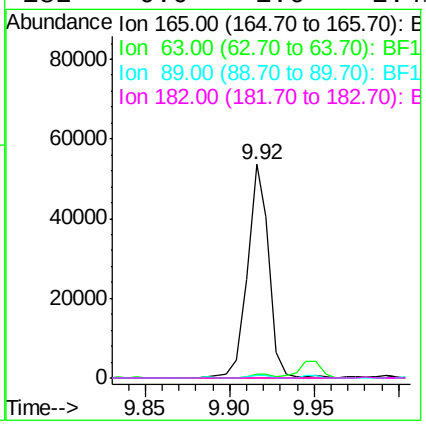


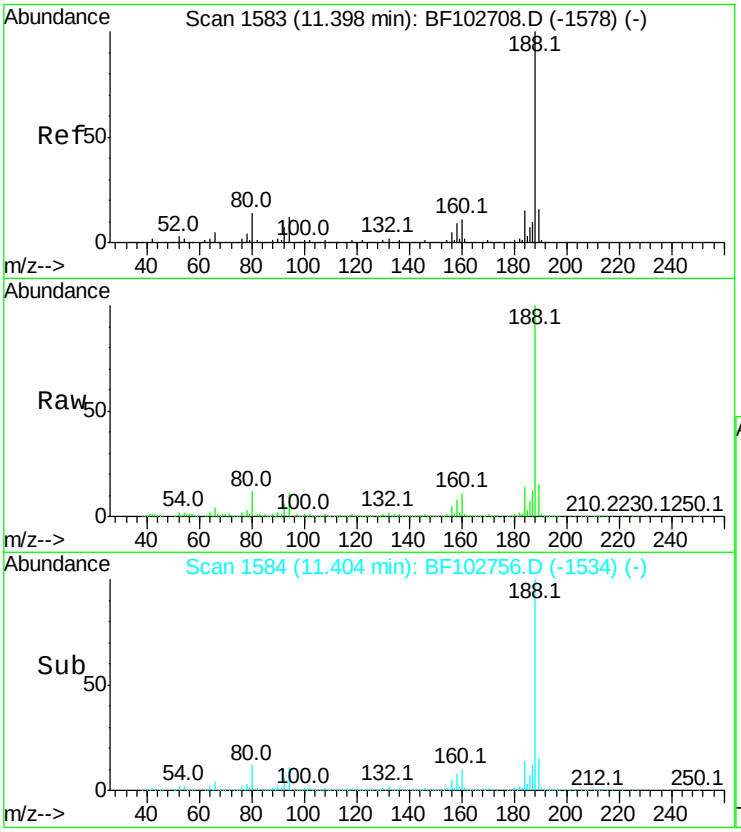


#56
2,4-Dinitrotoluene
Concen: 9.462 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:165 Resp: 47564

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



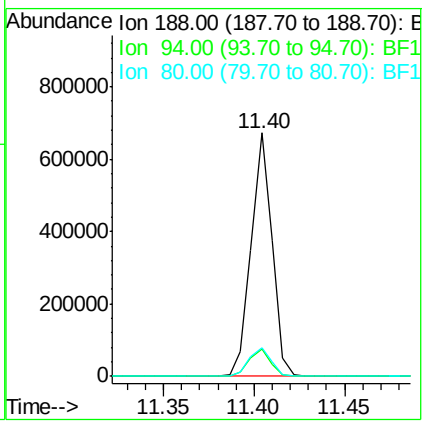


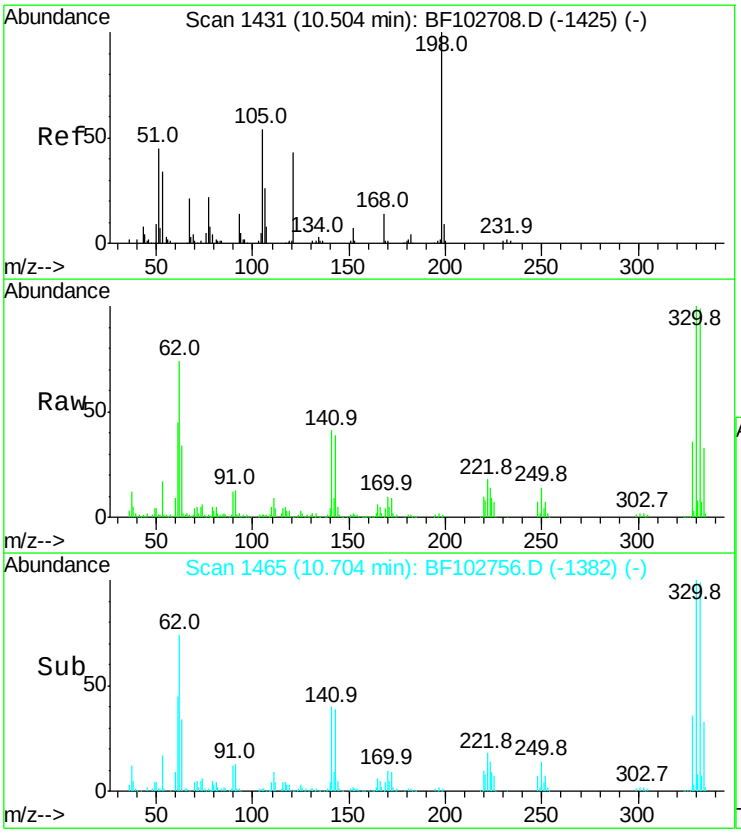
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 538895

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.6	9.2	13.8

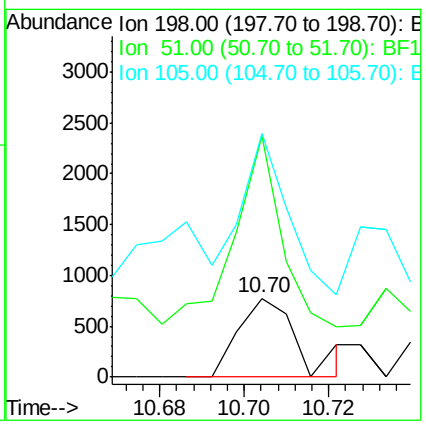


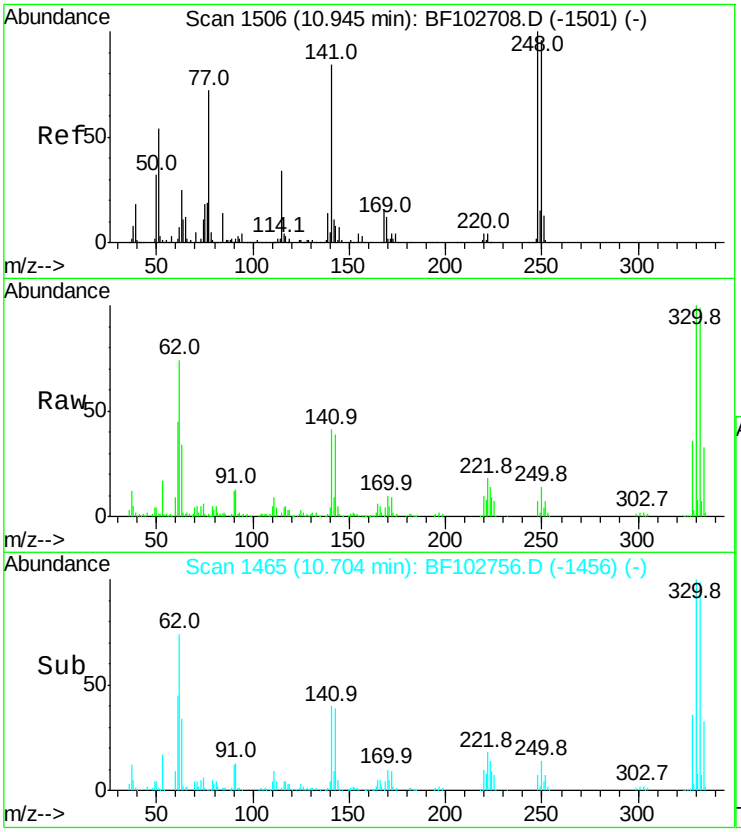


#64
4,6-Dinitro-2-methylphenol
Concen: 9.106 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.19 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:198 Resp: 761

Ion	Ratio	Lower	Upper
198	100		
51	305.4	37.7	77.7#
105	308.2	36.3	76.3#



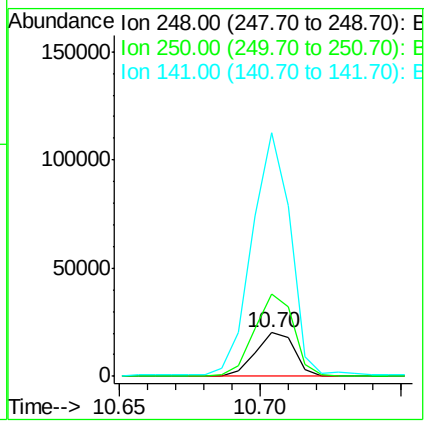


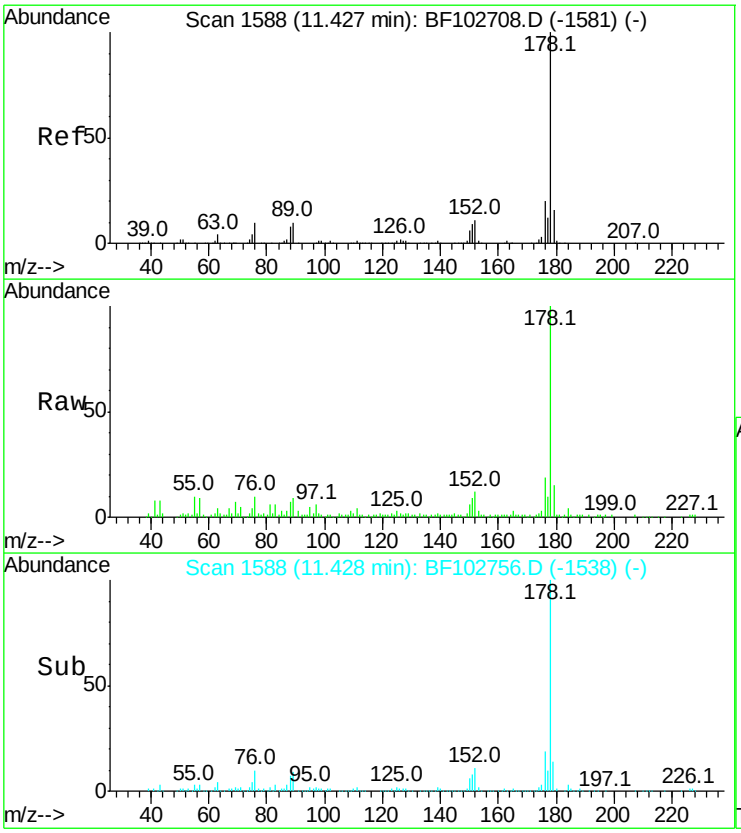
#66
4-Bromophenyl-phenylether
Concen: 3.368 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 19198

Ion	Ratio	Lower	Upper
248	100		
250	187.9	76.9	115.3#
141	558.5	74.4	111.6#

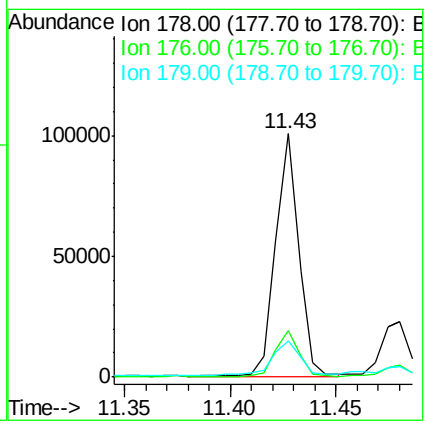


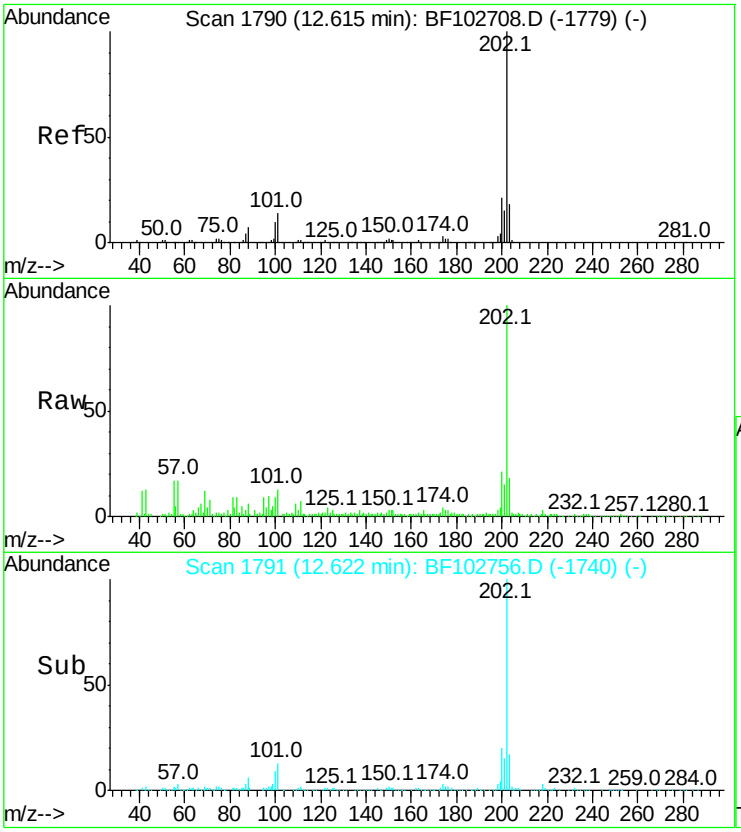


#70
Phenanthrene
Concen: 2.563 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:178 Resp: 76938

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.9	13.0	19.6



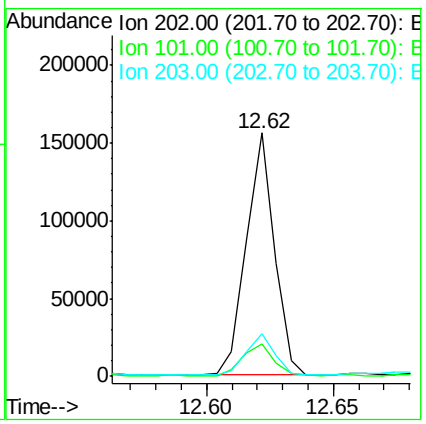


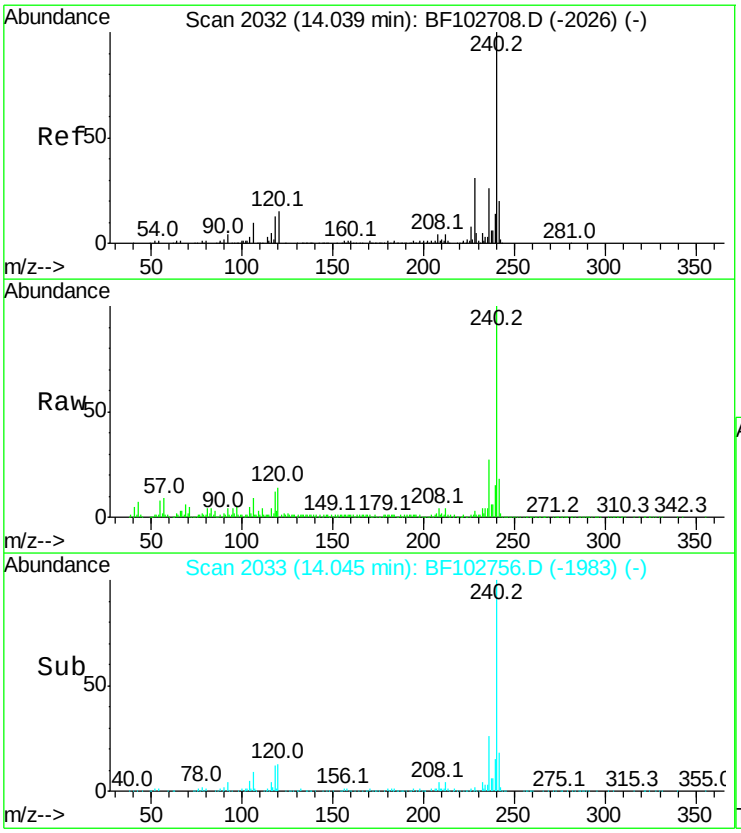
#74
Fluoranthene
Concen: 3.979 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 120142

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.7	0.0	38.1

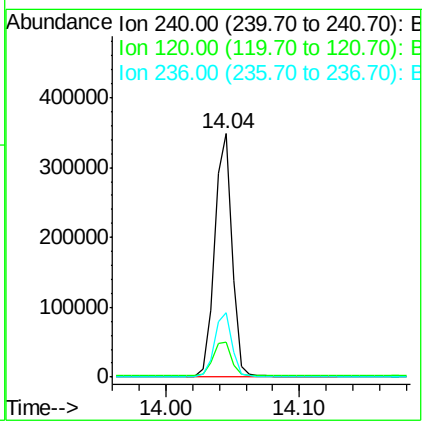


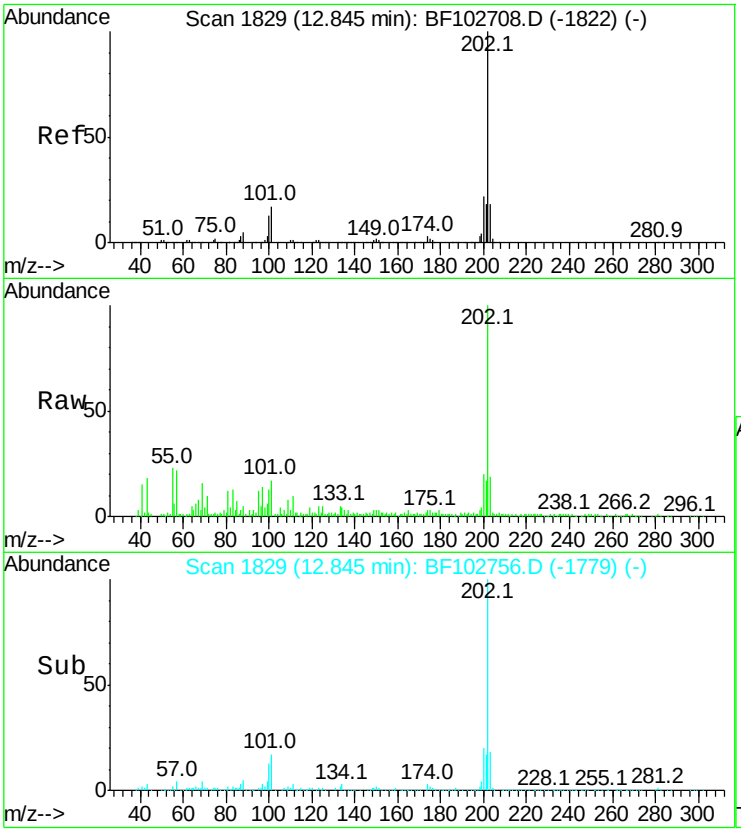


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:240 Resp: 324356

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.6	20.7	31.1



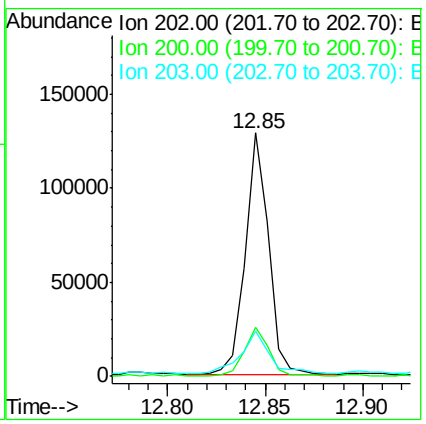


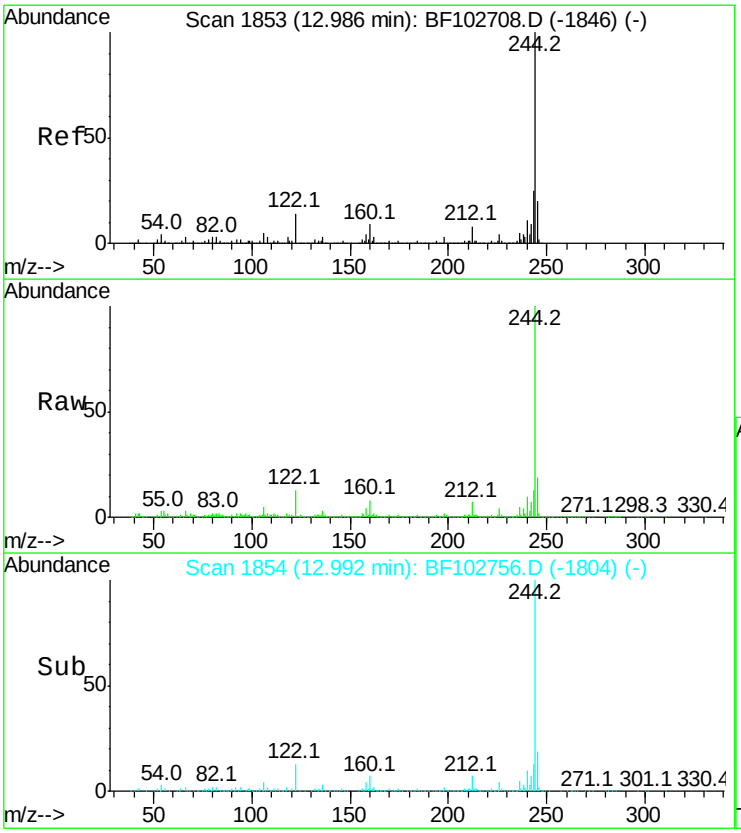
#77
Pyrene
Concen: 4.164 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 105900

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.5	14.3	21.5

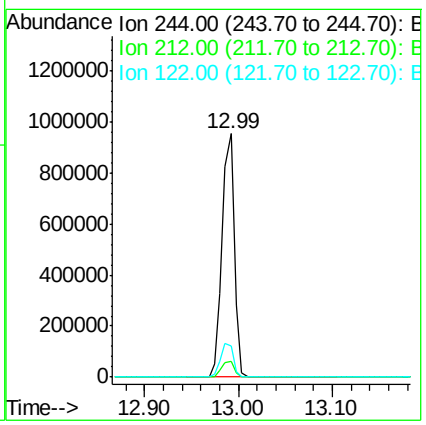


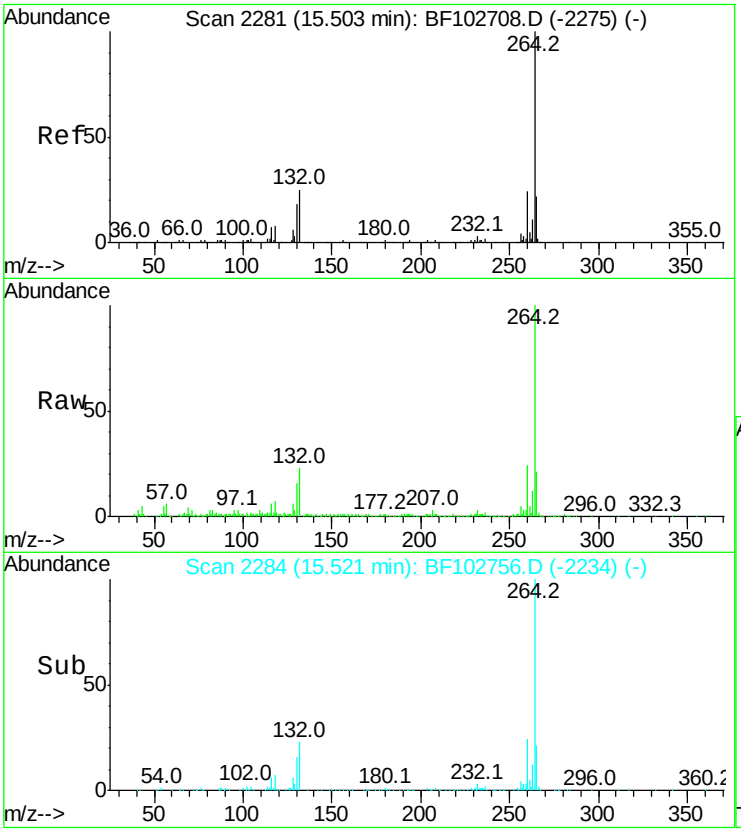


#78
Terphenyl-d14
Concen: 64.029 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:244 Resp: 877120

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.8	11.0	16.4



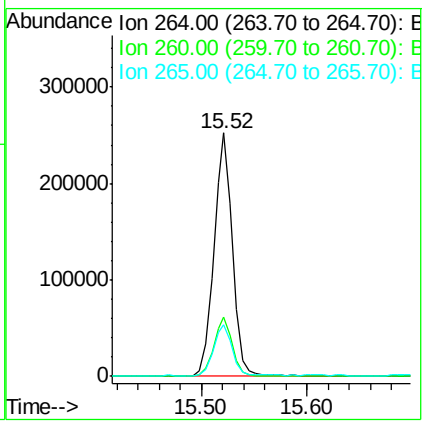


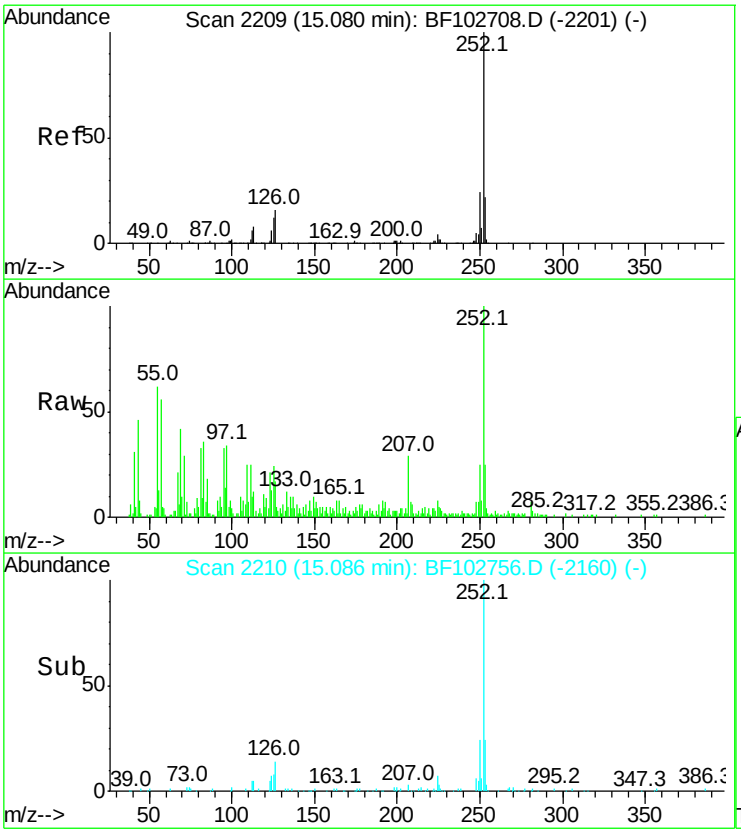
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 311031

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.5	26.3

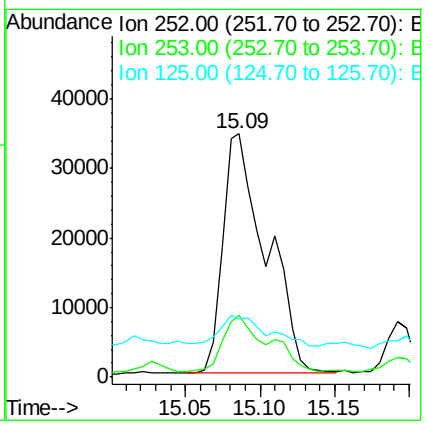


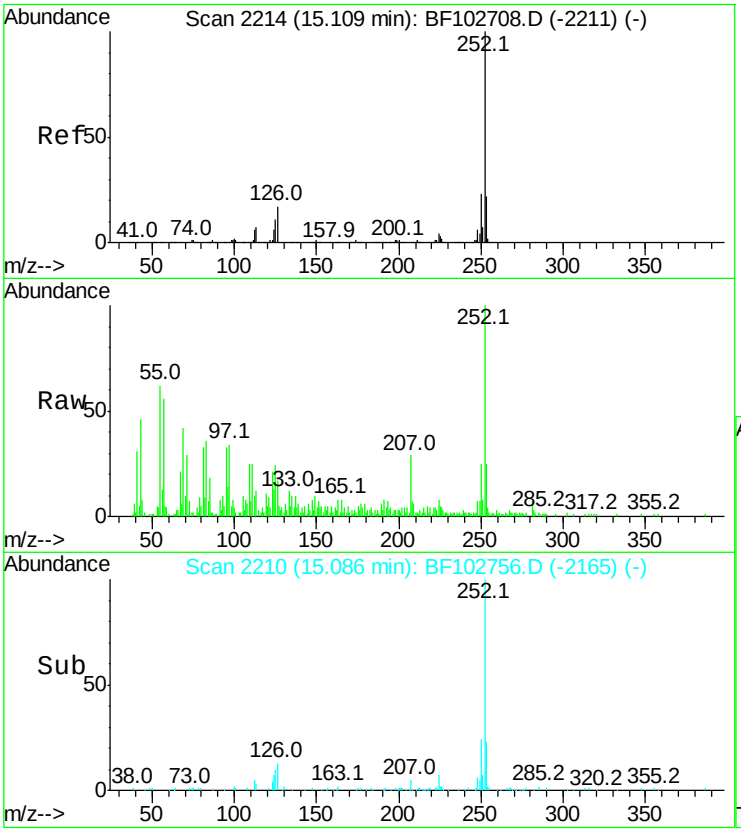


#87
Benzo(b)fluoranthene
Concen: 3.462 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Tgt Ion:252 Resp: 69816

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.0	25.6
125	23.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.623 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF102756.D
Acq: 6 Feb 2018 00:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69816

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	23.6	10.2	15.2#