Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103830.D
Acq On : 21 Mar 2018 4:43
Operator : JU/SJ
Sample : J1973-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 21 06:50:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174563	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	674587	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	303422	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	472197	20.00	ng		0.00
75) Chrysene-d12	14.16	240	331546	20.00	ng		0.00
86) Perylene-d12	15.70	264	272964	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	594602	51.81	ng		0.01
7) Phenol-d6	6.59	99	434639	30.95	ng		0.00
23) Nitrobenzene-d5	7.54	82	1092502	112.94	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	376307	144.24	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1687016	88.69	ng		0.00
78) Terphenyl-d14	13.10	244	1370606	95.96	ng		0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.54	70	144645	16.074	ng	#	72
25) Isophorone	7.54	82	1092673	48.794	ng	#	64
26) 2-Nitrophenol	8.09	139	497	9.538	ng	#	1
31) Naphthalene	8.27	128	303409	8.904	ng		99
32) Benzoic acid	8.02	122	982	10.020	ng		84
33) 4-Chloroaniline	8.27	127	39718	2.778	ng	#	34
37) 2-Methylnaphthalene	8.96	142	72934	3.375	ng		98
47) 2-Nitroaniline	9.54	65	263	6.857	ng	#	2
50) 2,6-Dinitrotoluene	10.01	165	42412	12.669	ng	#	26
51) Acenaphthene	10.05	154	38927	2.104	ng		98
52) 3-Nitroaniline	10.11	138	420	3.886	ng	#	2
55) 4-Nitrophenol	9.99	139	1031	5.198	ng		90
56) 2,4-Dinitrotoluene	10.05	165	1604	6.460	ng	#	1
61) 4-Nitroaniline	10.55	138	1550	4.026	ng	#	42
64) 4,6-Dinitro-2-methylphenol	10.80	198	740	8.586	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	22009	4.540	ng	#	1
70) Phenanthrene	11.53	178	85851	3.324	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103830.D
Acq On : 21 Mar 2018 4:43
Operator : JU/SJ
Sample : J1973-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 21 06:50:04 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
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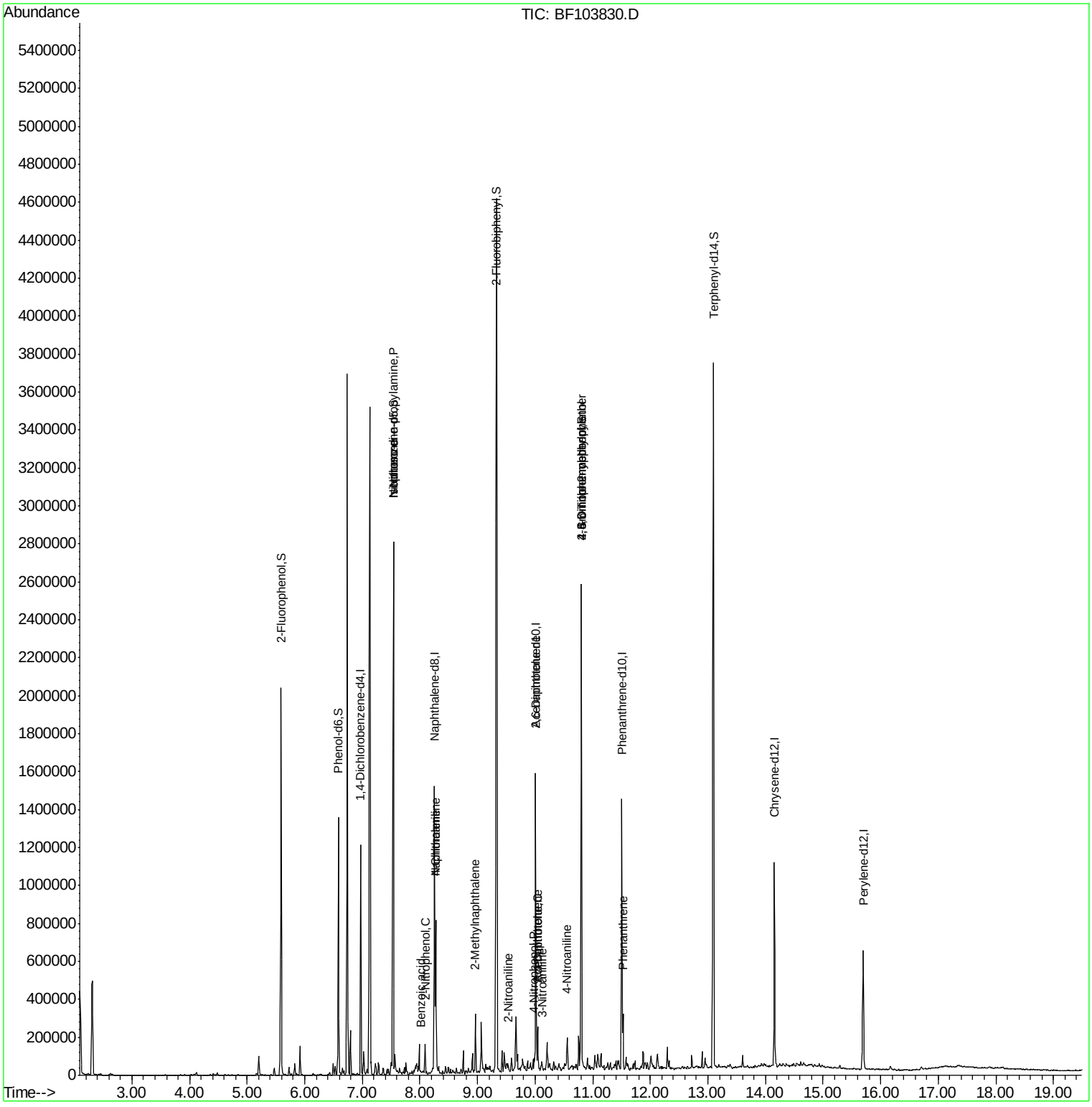
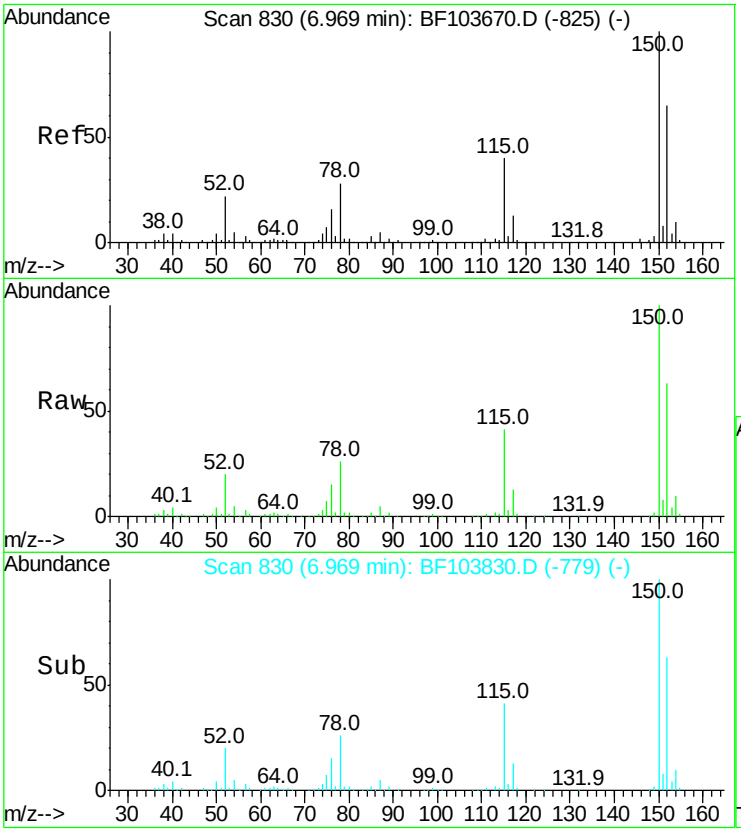


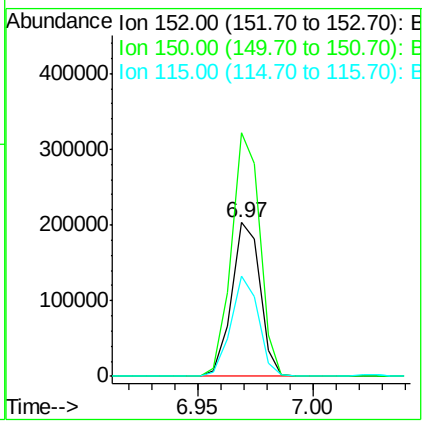


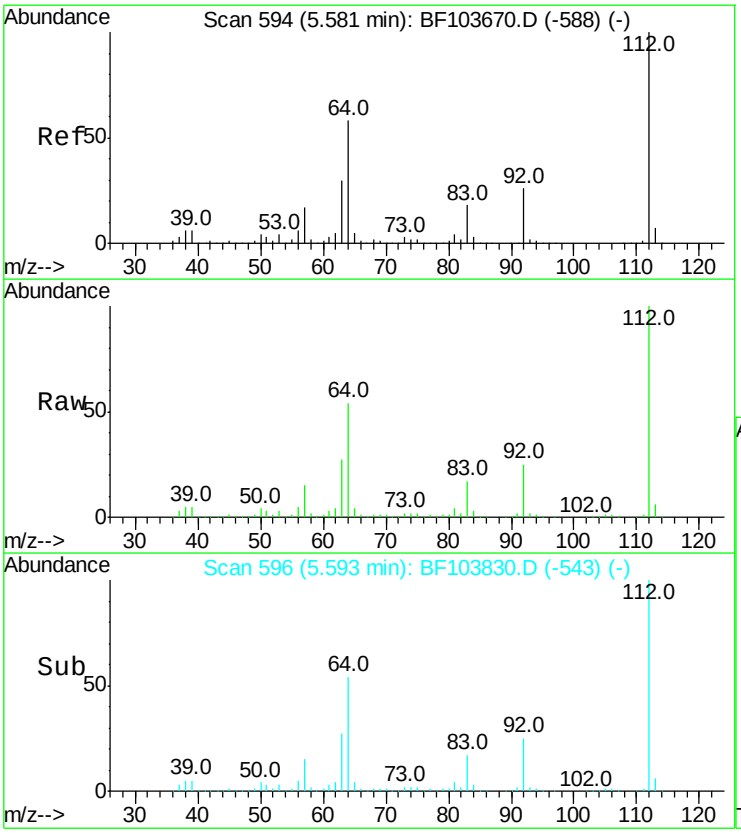
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174563

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	65.4	50.1	75.1

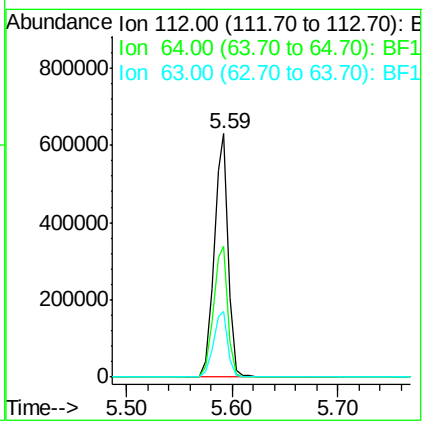


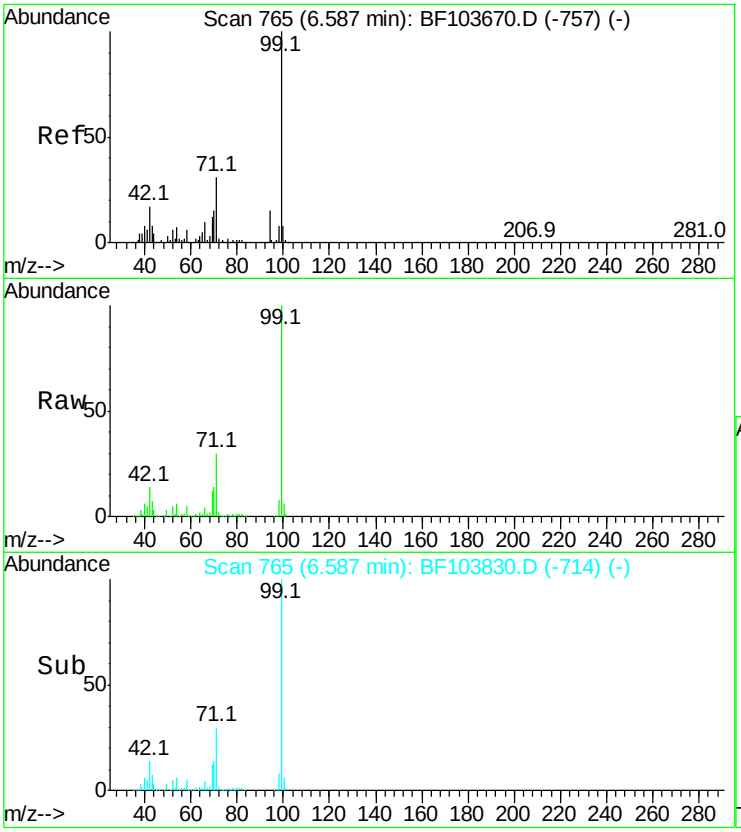


#5
2-Fluorophenol
Concen: 51.809 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:112 Resp: 594602

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	26.9	23.7	35.5



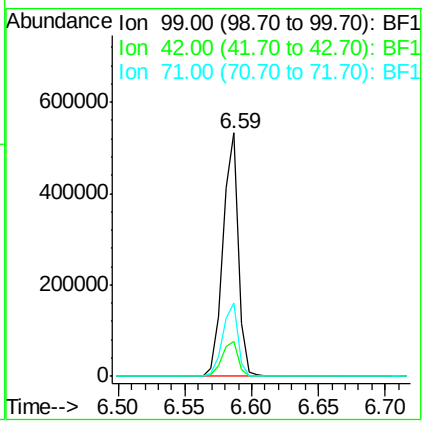


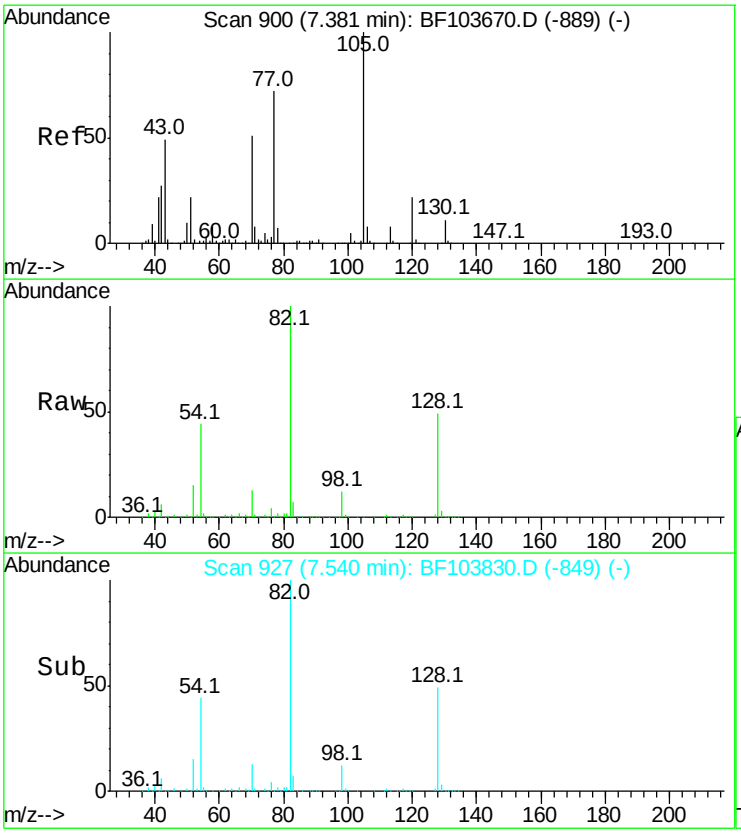
#7
Phenol-d6
Concen: 30.955 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 434639

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7
71	30.3	25.4	38.0

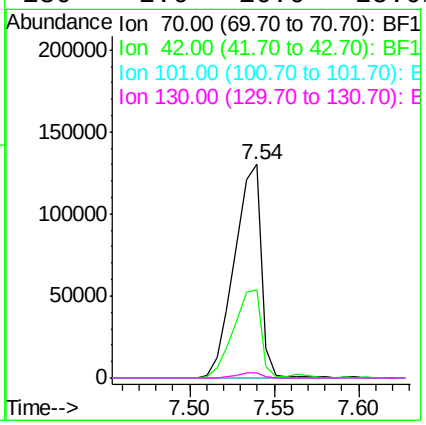


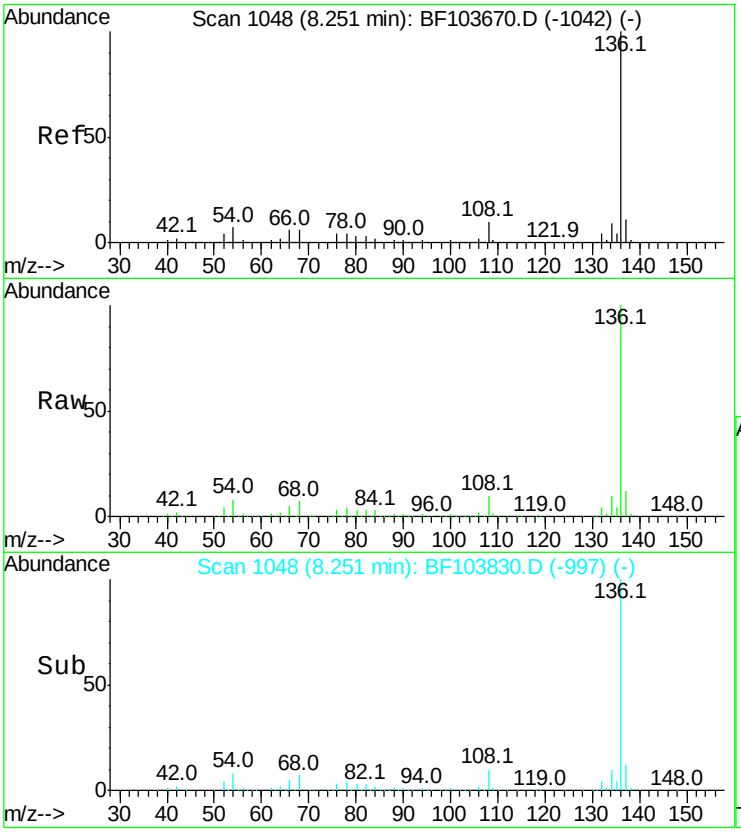


#19
n-Nitroso-di-n-propylamine
Concen: 16.074 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.16 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion: 70 Resp: 144645

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



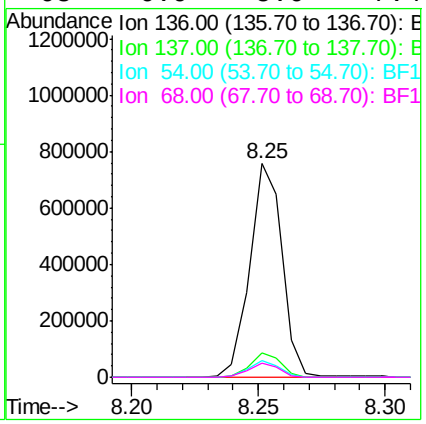


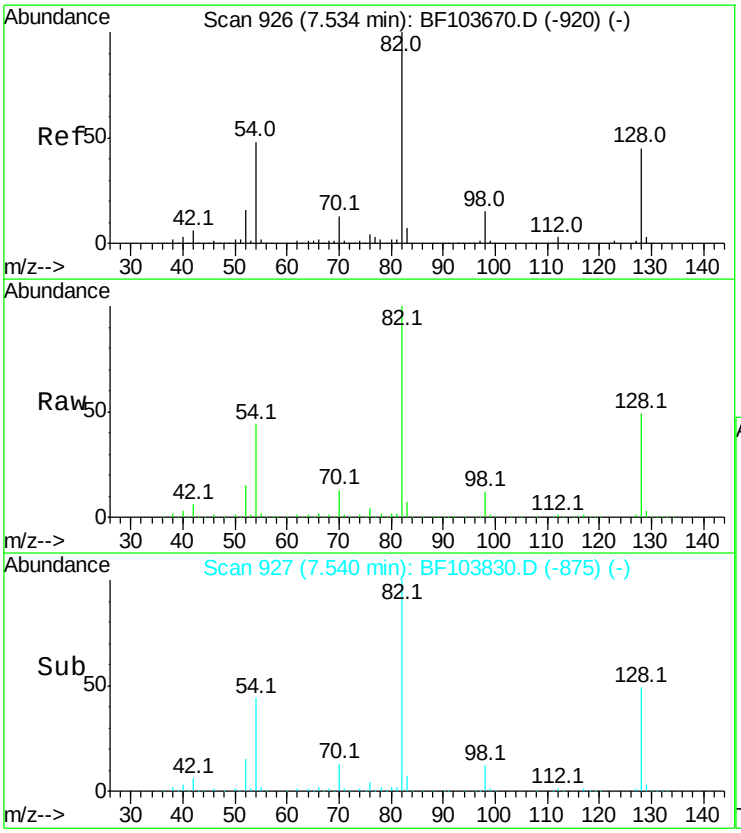
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 674587

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.6	6.6	9.8
68	6.9	5.0	7.4

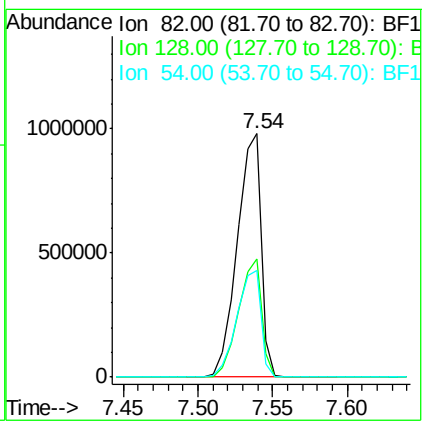


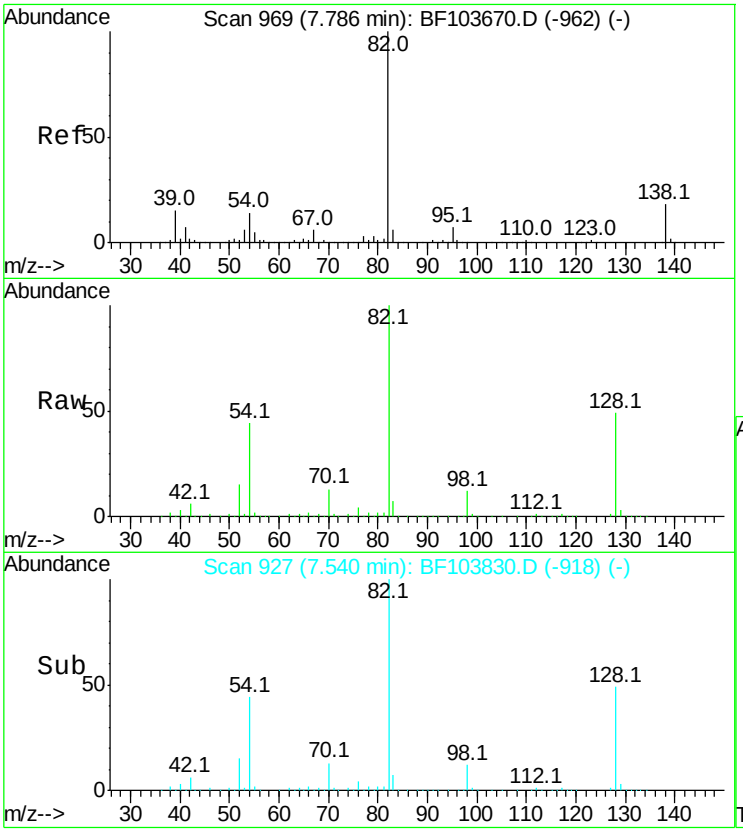


#23
Nitrobenzene-d5
Concen: 112.938 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion: 82 Resp: 1092502

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	43.8	41.4	62.2



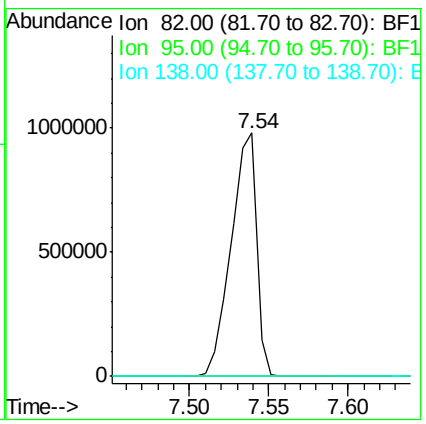


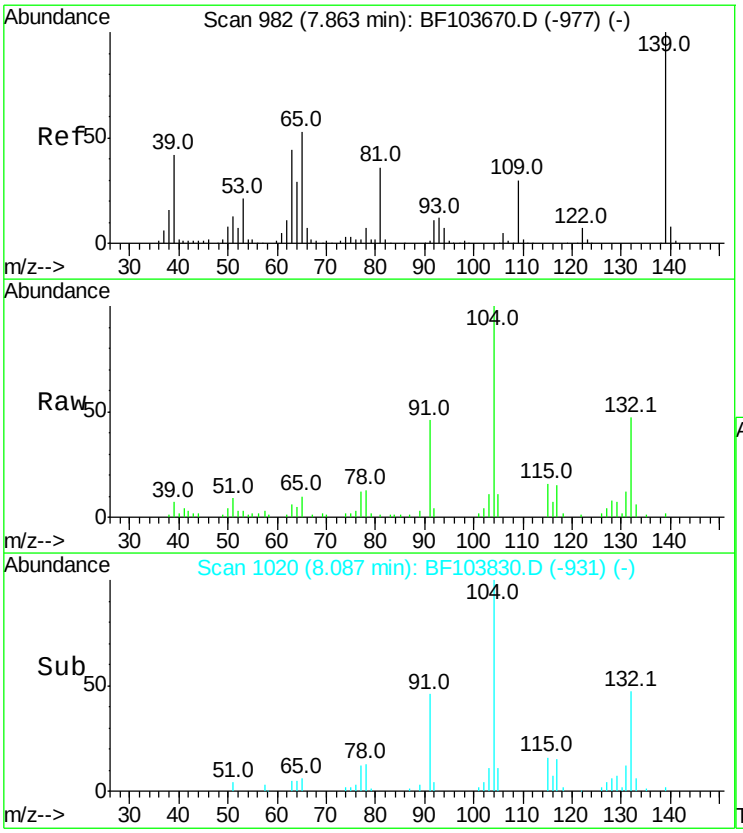
#25
Isophorone
Concen: 48.794 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1092673

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

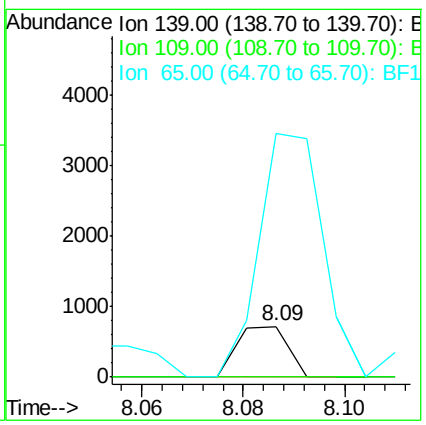


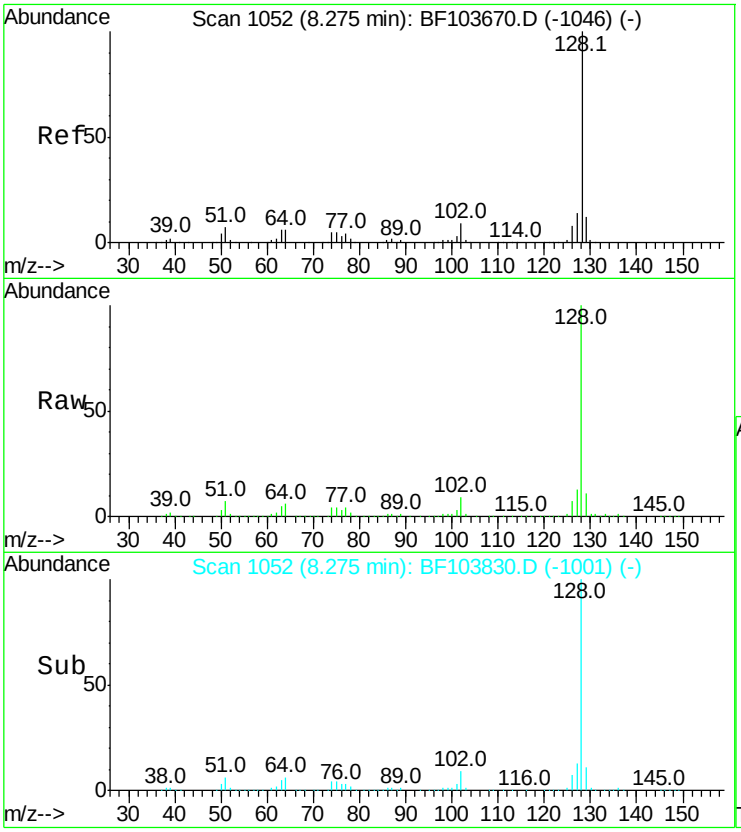


#26
2-Nitrophenol
Concen: 9.538 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.22 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:139 Resp: 497

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	482.9	40.5	60.7#



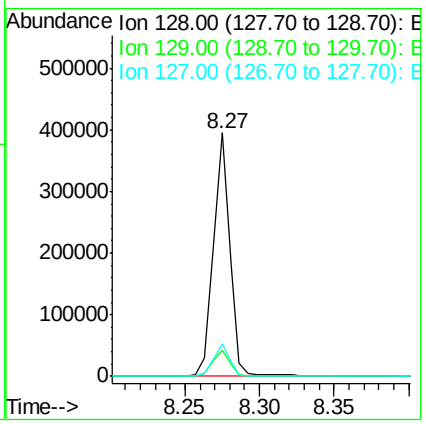


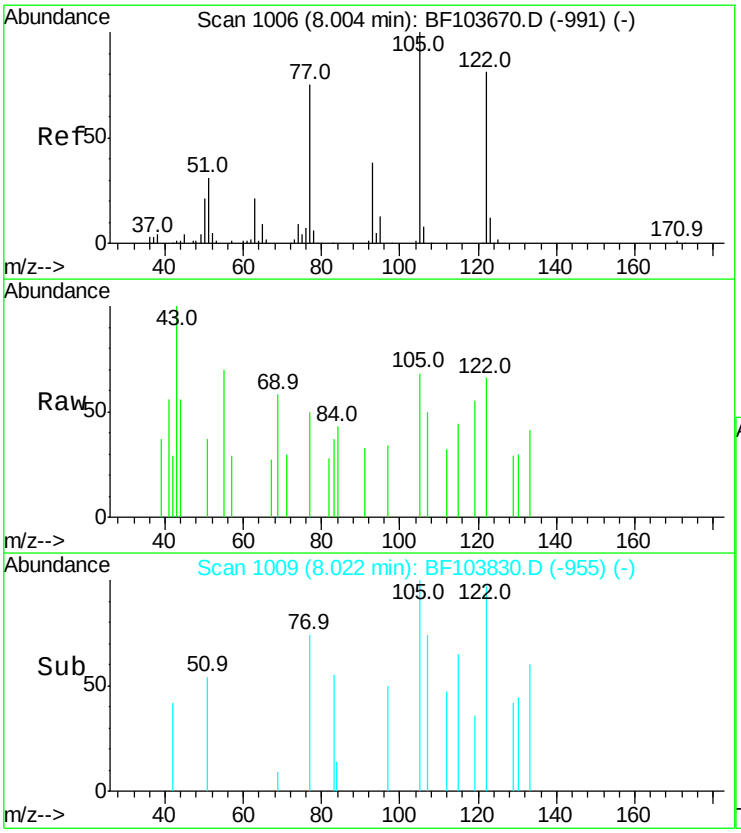
#31
Naphthalene
Concen: 8.904 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 303409

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

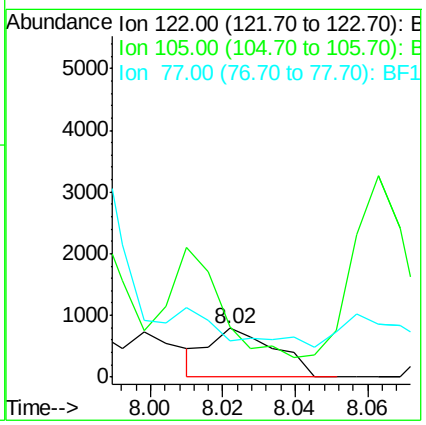


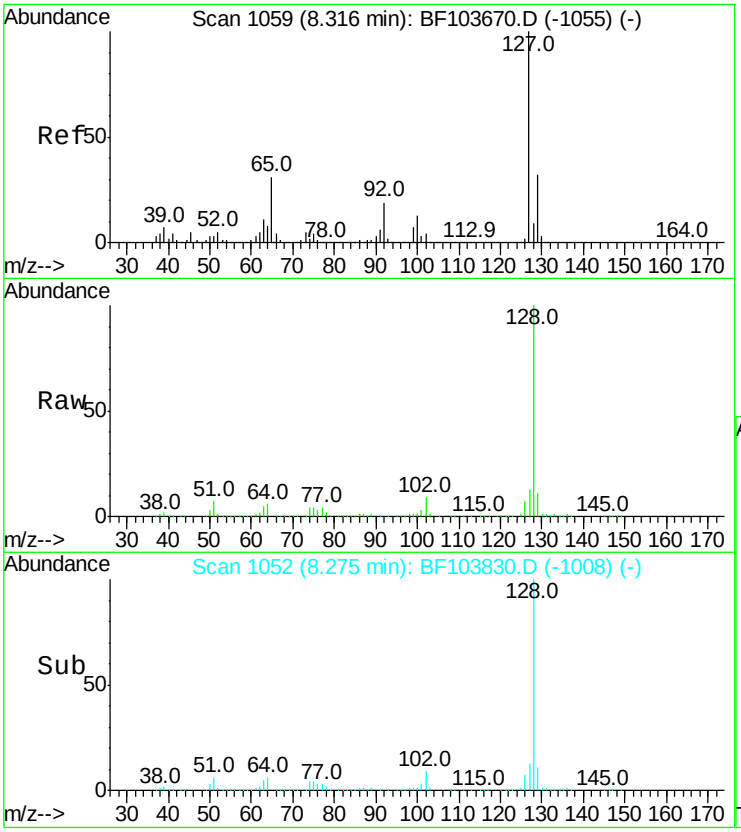


#32
Benzoic acid
Concen: 10.020 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:122 Resp: 982

Ion	Ratio	Lower	Upper
122	100		
105	103.4	101.1	141.1
77	76.1	70.7	110.7



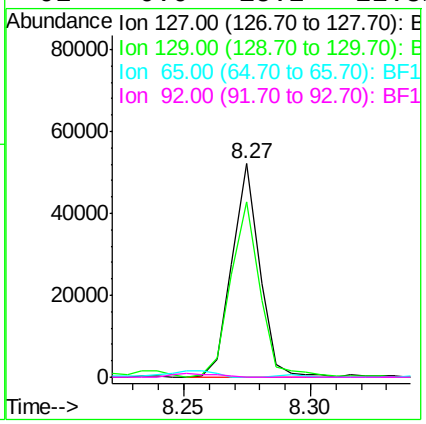


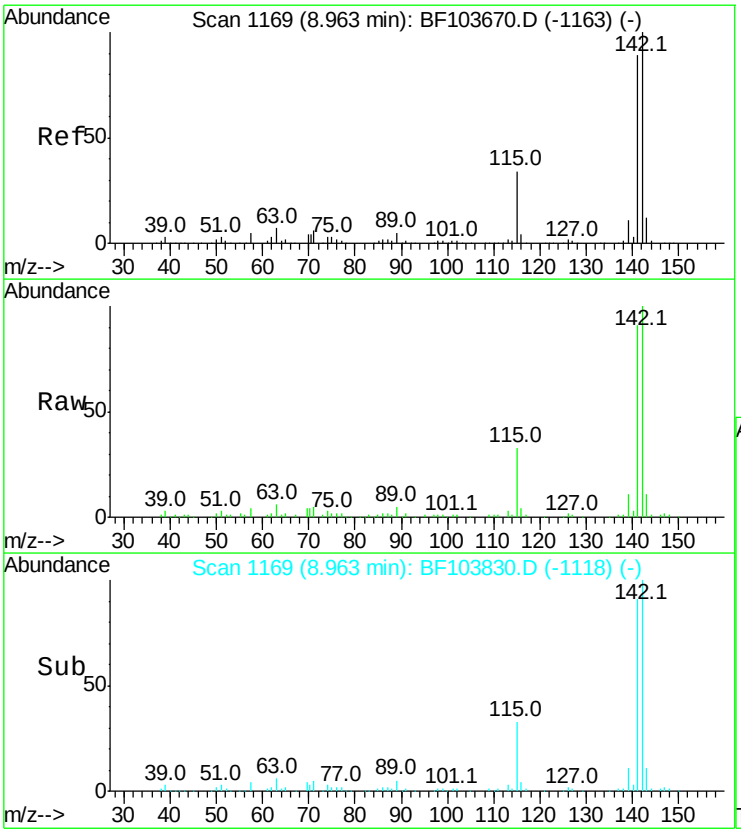
#33
4-Chloroaniline
Concen: 2.778 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 39718

Ion	Ratio	Lower	Upper
127	100		
129	82.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

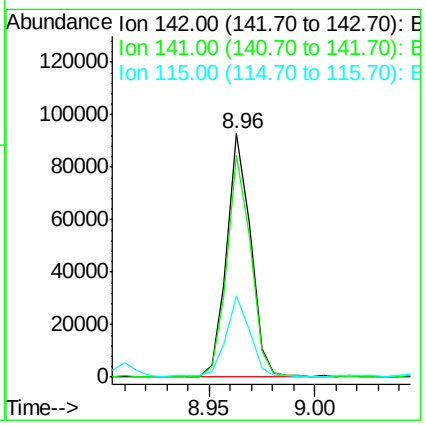


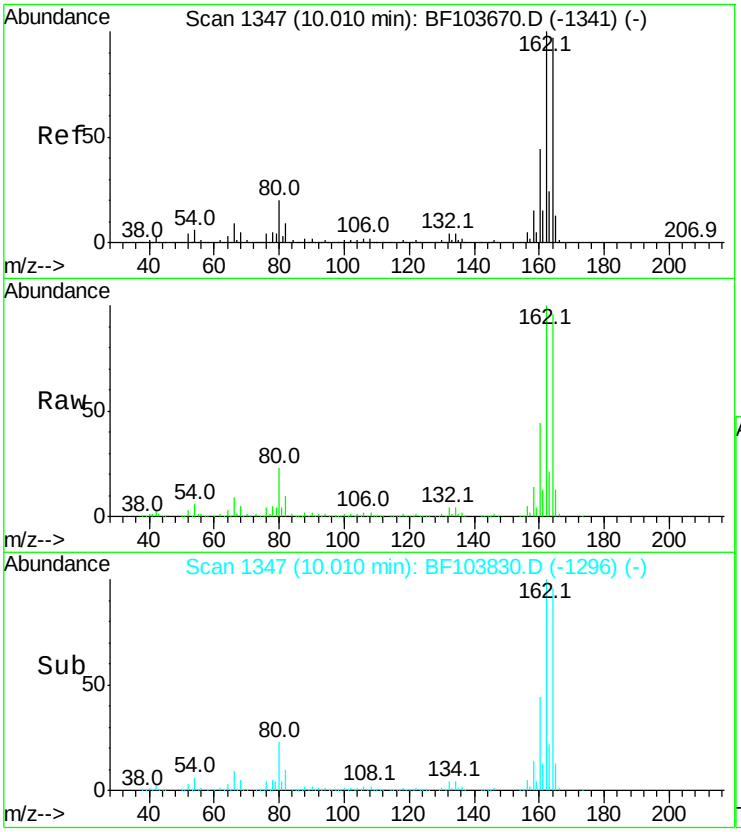


#37
2-Methylnaphthalene
Concen: 3.375 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:142 Resp: 72934

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	33.2	26.1	39.1



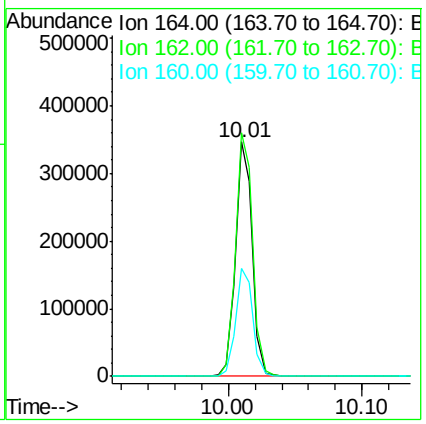


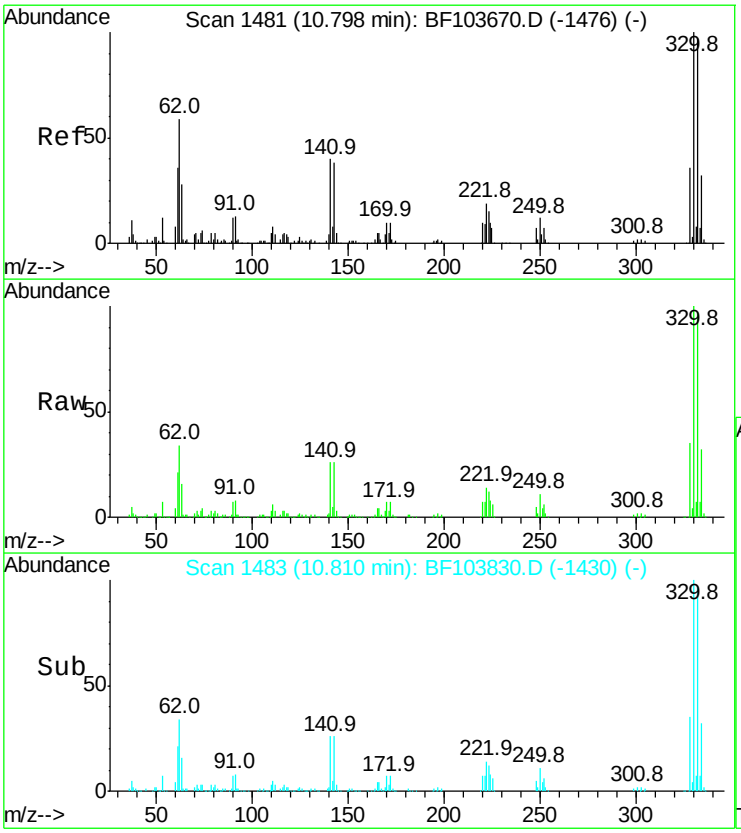
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 303422

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.9	38.3	57.5

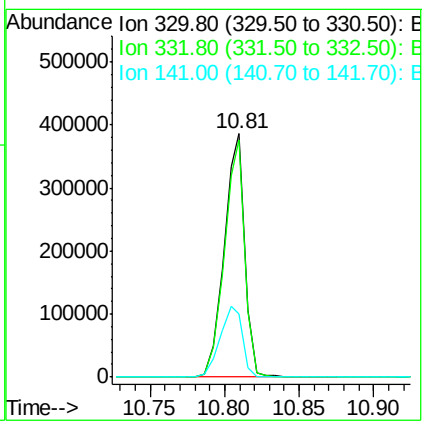


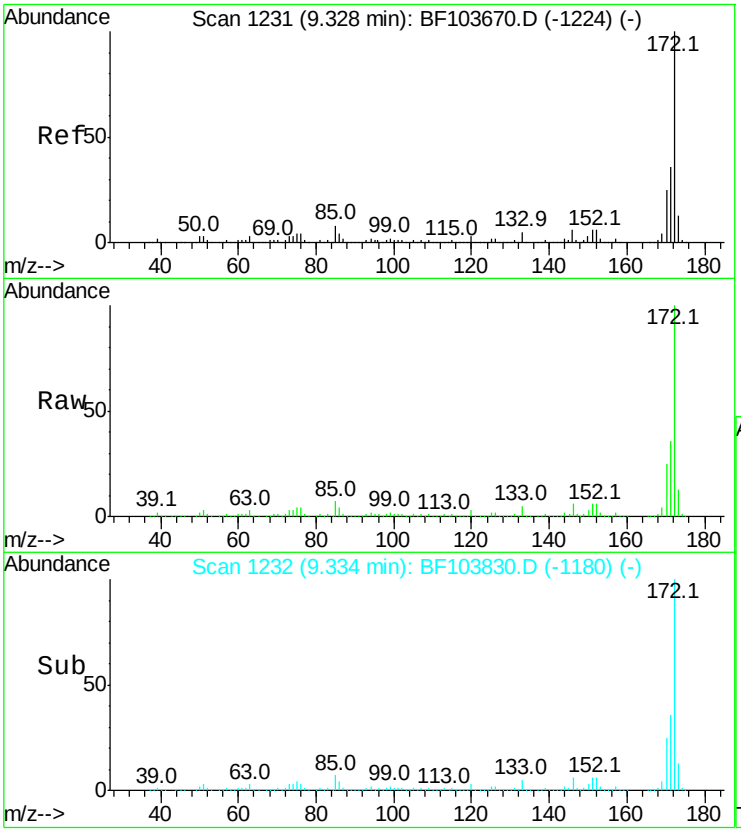


#41
2,4,6-Tribromophenol
Concen: 144.243 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:330 Resp: 376307

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.2	29.9	44.9



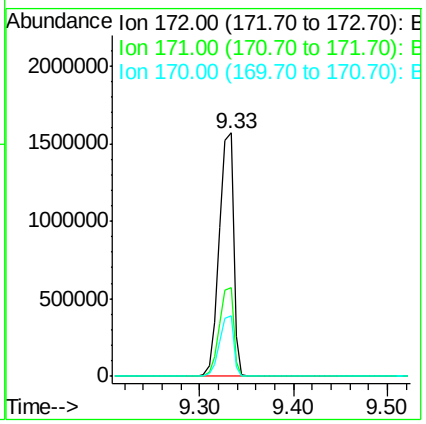


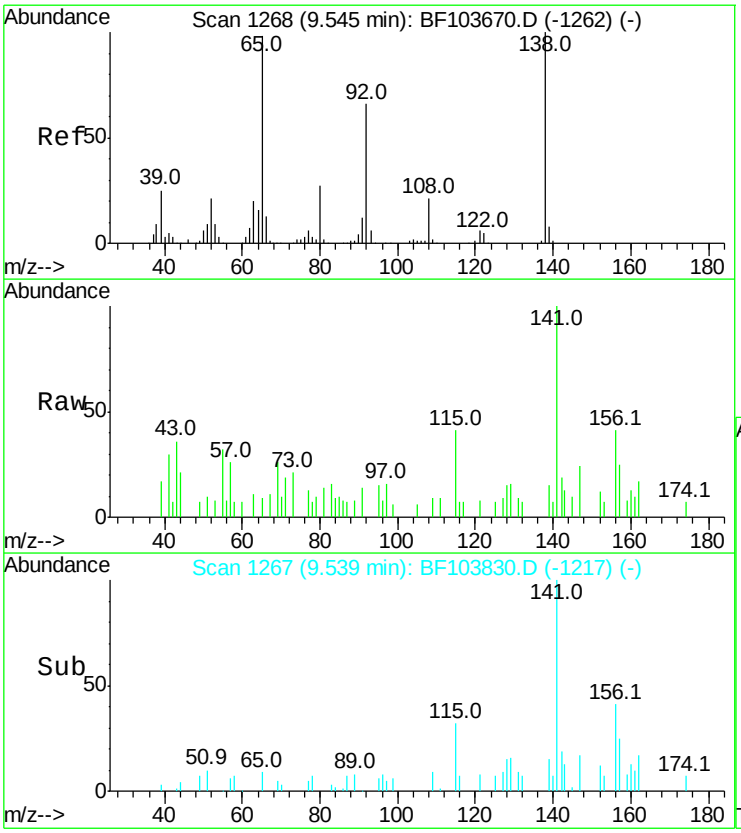
#44
2-Fluorobiphenyl
Concen: 88.690 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1687016

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.7	19.6	29.4

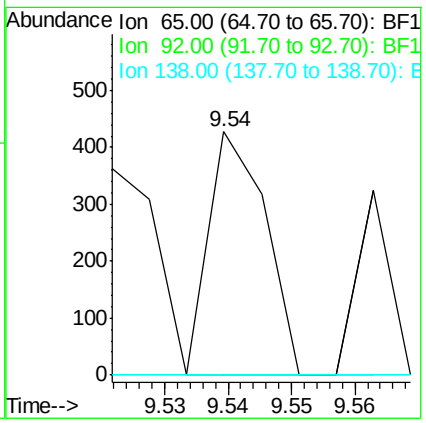


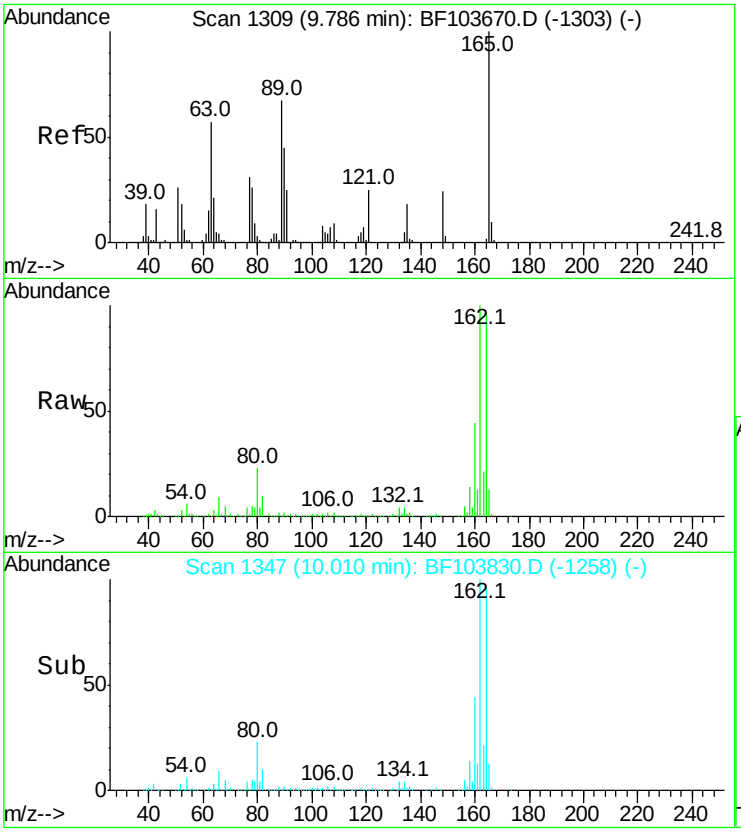


#47
2-Nitroaniline
Concen: 6.857 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion: 65 Resp: 263

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



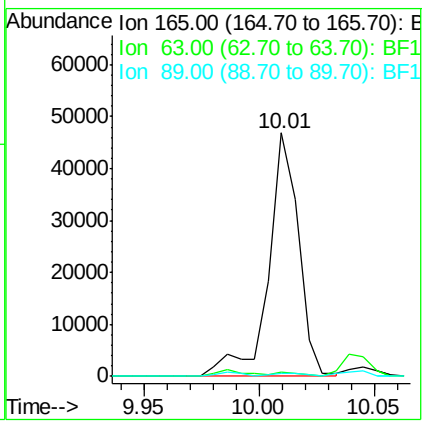


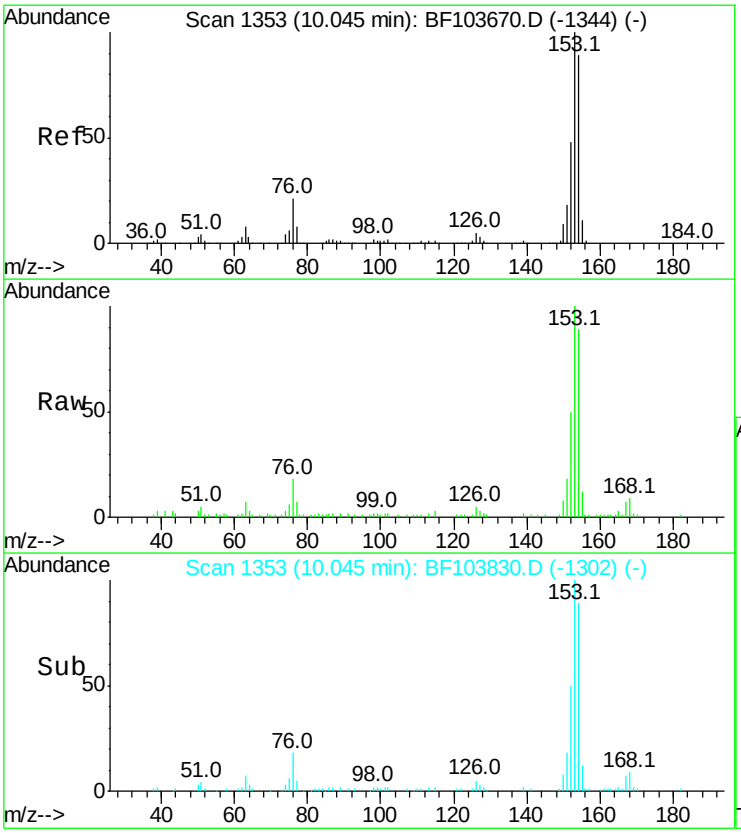
#50
2,6-Dinitrotoluene
Concen: 12.669 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42412

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.4	44.0	66.0#

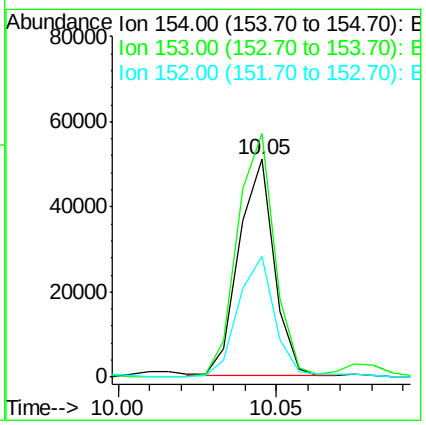


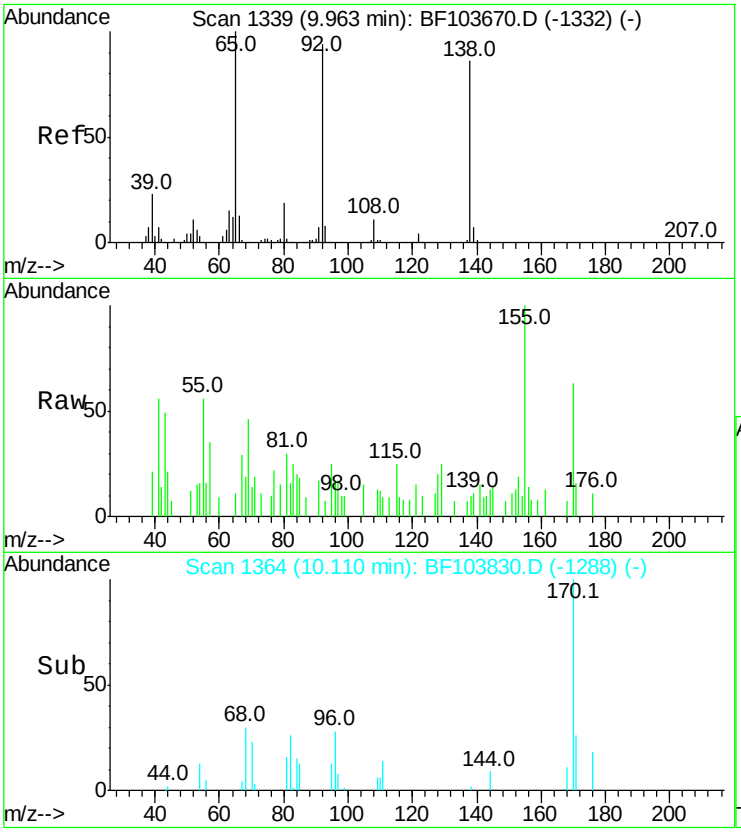


#51
Acenaphthene
Concen: 2.104 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:154 Resp: 38927

Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	55.6	43.8	65.8



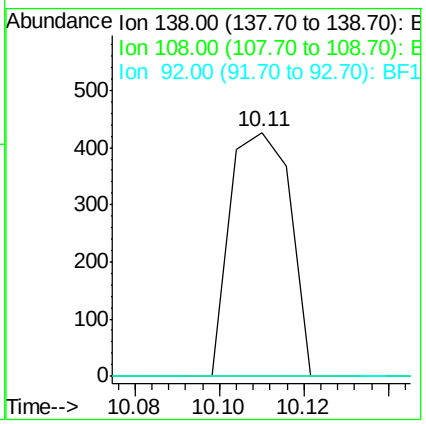


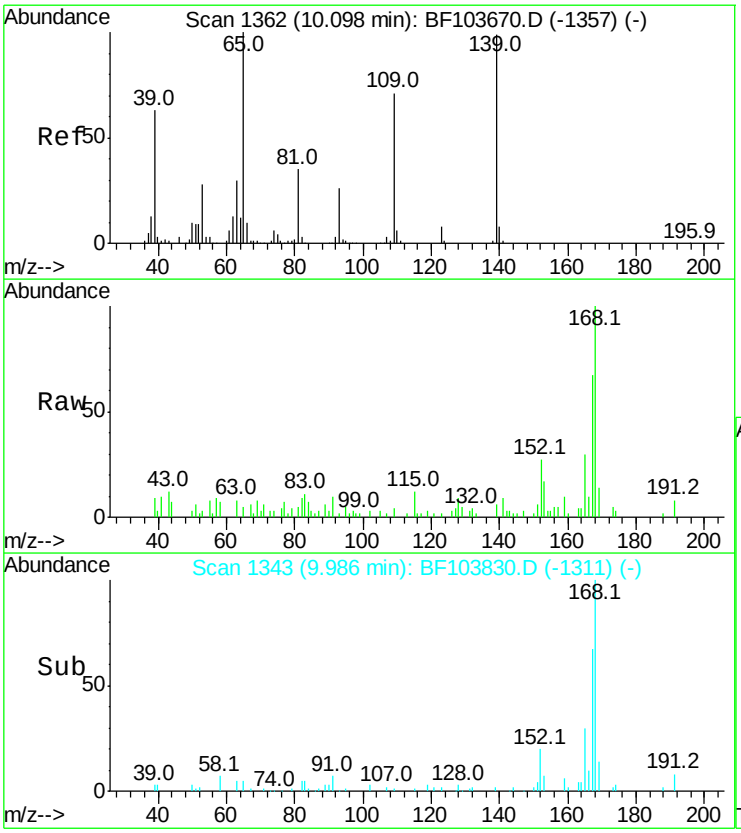
#52
3-Nitroaniline
Concen: 3.886 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.15 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 420

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

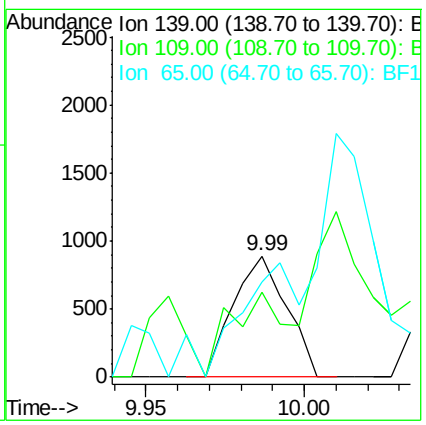


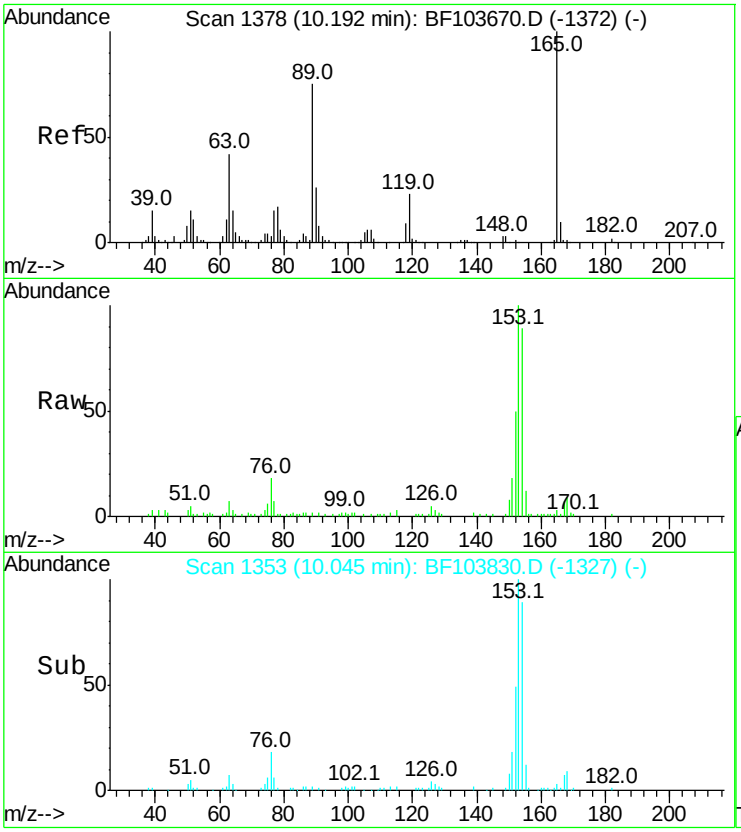


#55
4-Nitrophenol
Concen: 5.198 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.11 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:139 Resp: 1031

Ion	Ratio	Lower	Upper
139	100		
109	70.4	48.4	88.4
65	78.1	72.6	112.6



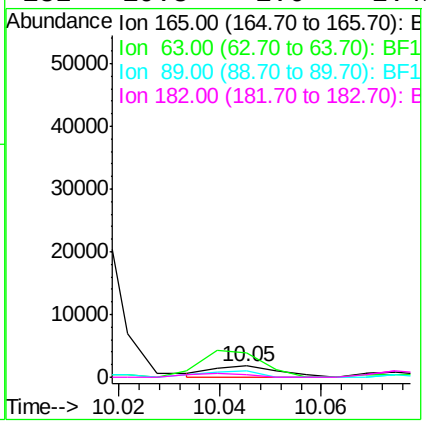


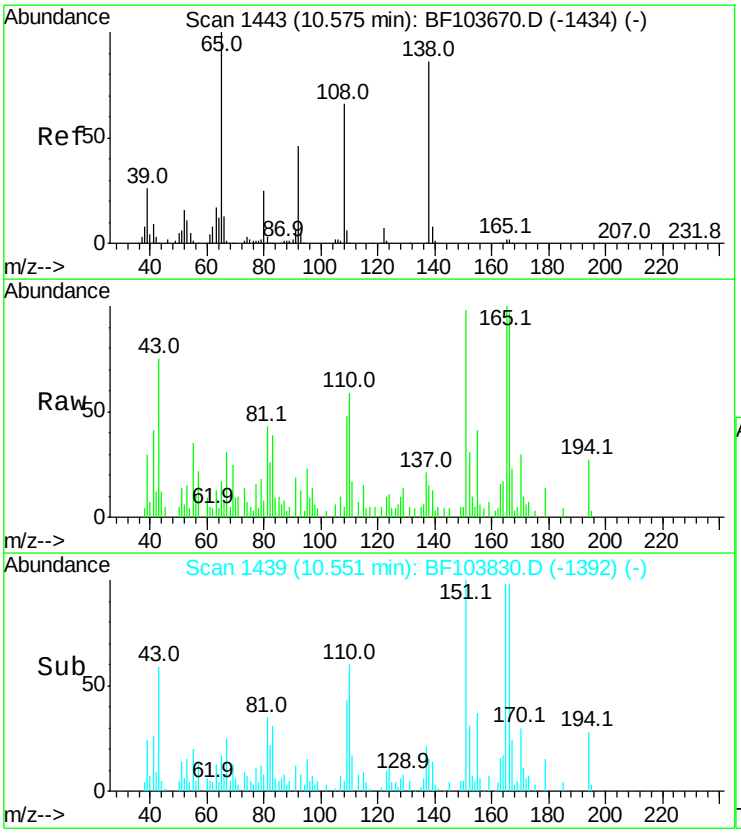
#56
2,4-Dinitrotoluene
Concen: 6.460 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.15 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1604

Ion	Ratio	Lower	Upper
165	100		
63	208.4	36.4	54.6#
89	60.7	57.8	86.6
182	19.3	1.6	2.4#

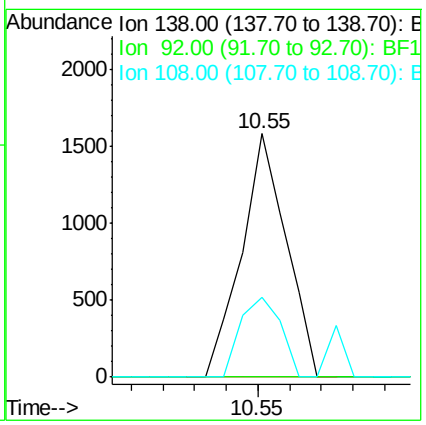


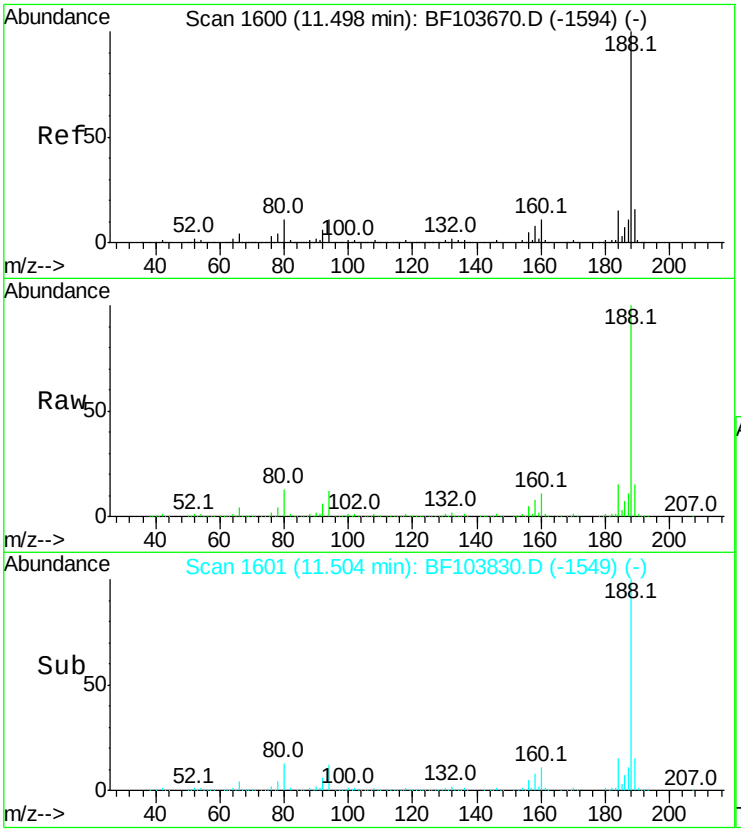


#61
4-Nitroaniline
Concen: 4.026 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:138 Resp: 1550

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	32.9	52.5	92.5#



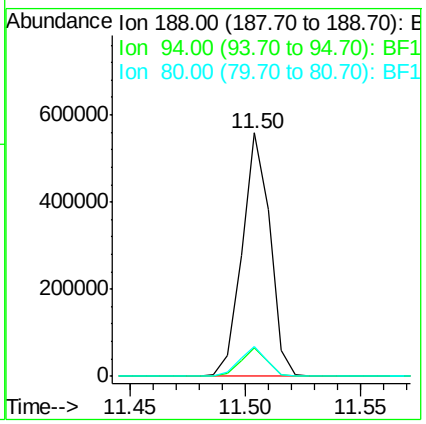


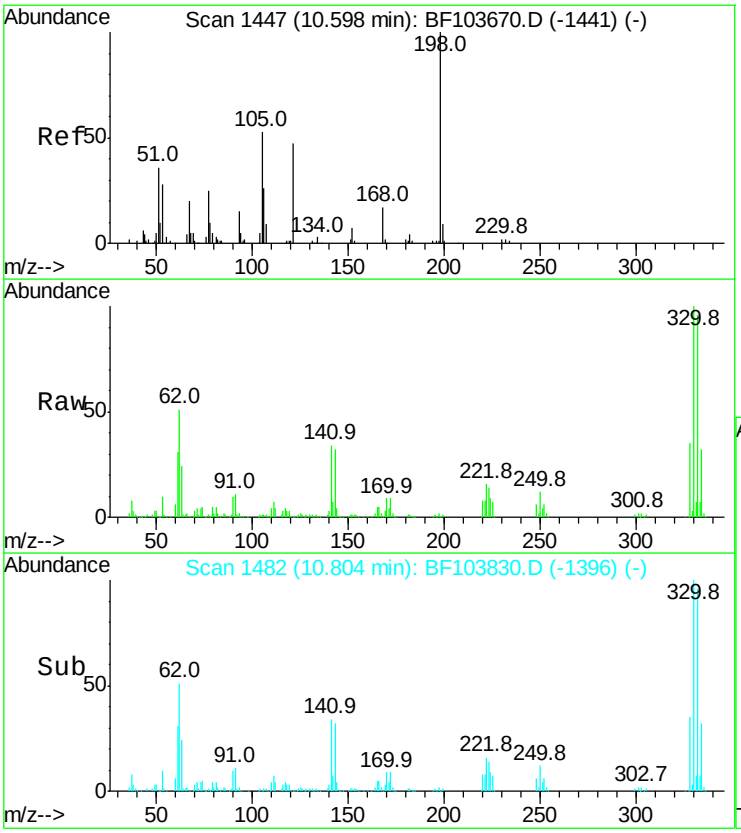
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 472197

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.5	9.2	13.8

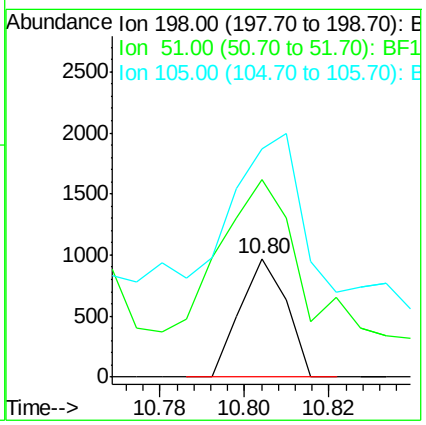


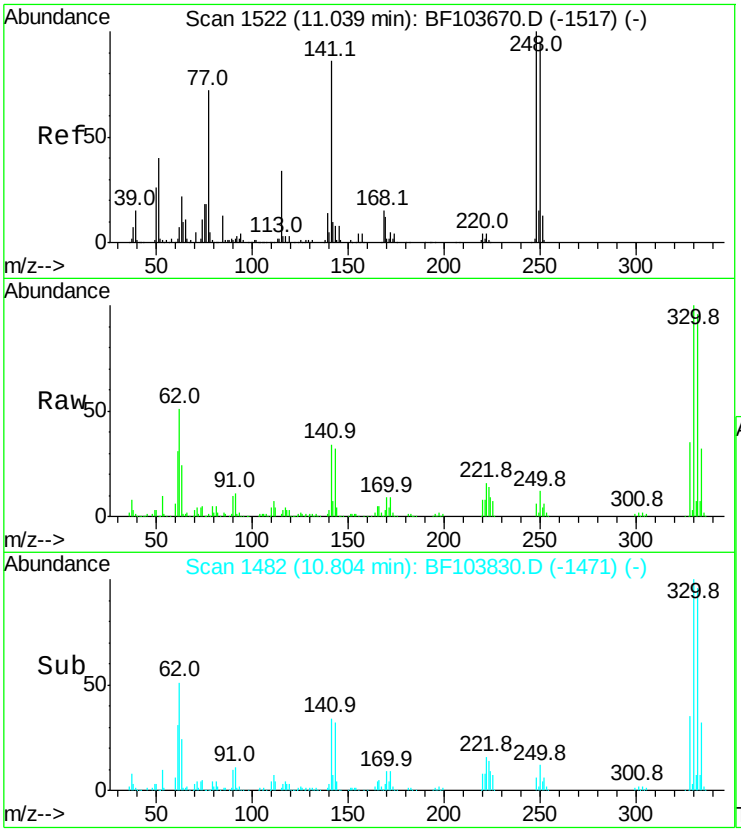


#64
4,6-Dinitro-2-methylphenol
Concen: 8.586 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:198 Resp: 740

Ion	Ratio	Lower	Upper
198	100		
51	166.4	37.7	77.7#
105	192.1	36.3	76.3#



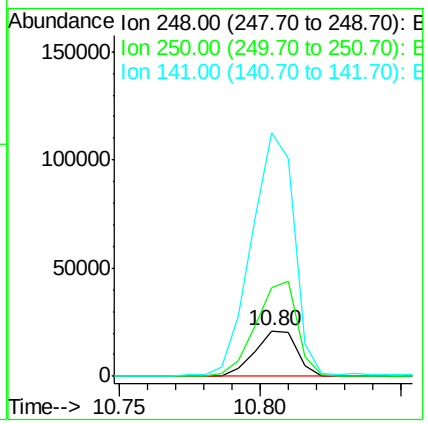


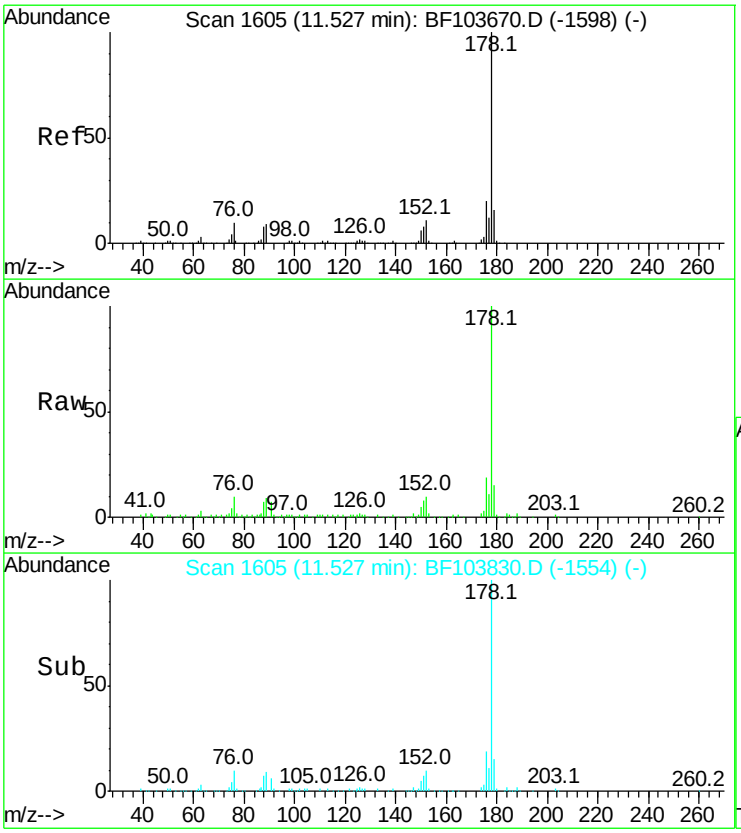
#66
4-Bromophenyl-phenylether
Concen: 4.540 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 22009

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	535.4	74.4	111.6#

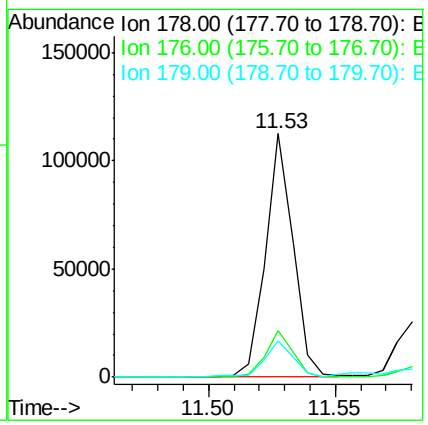


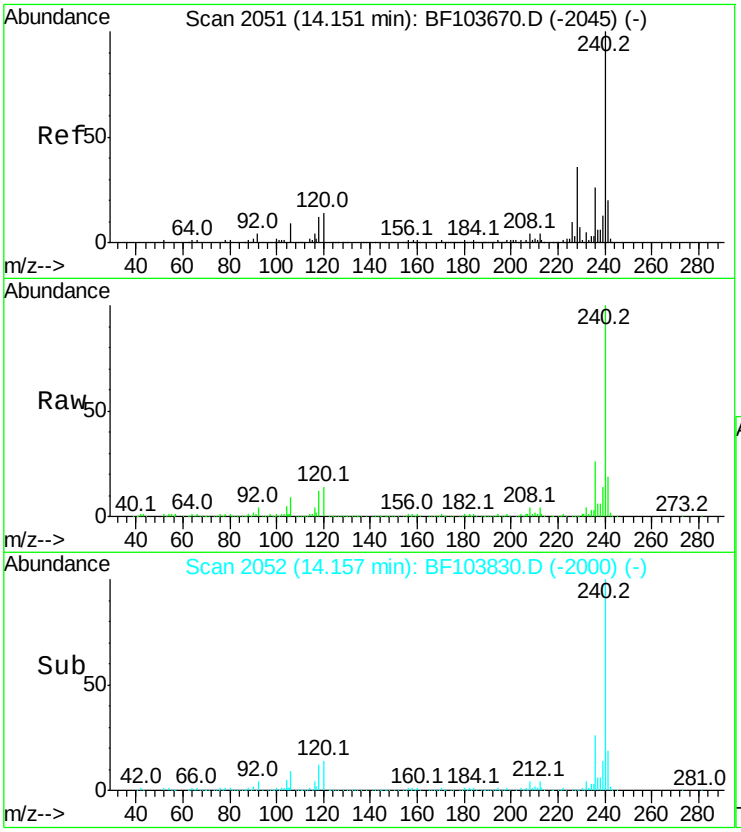


#70
Phenanthrene
Concen: 3.324 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:178 Resp: 85851

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6



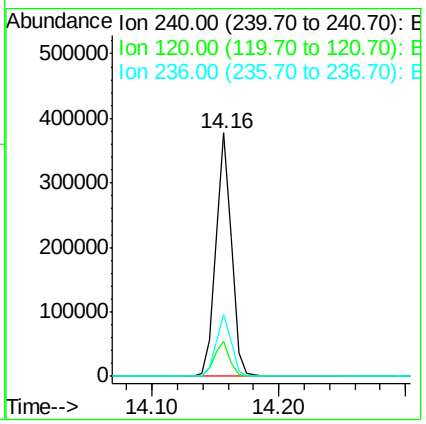


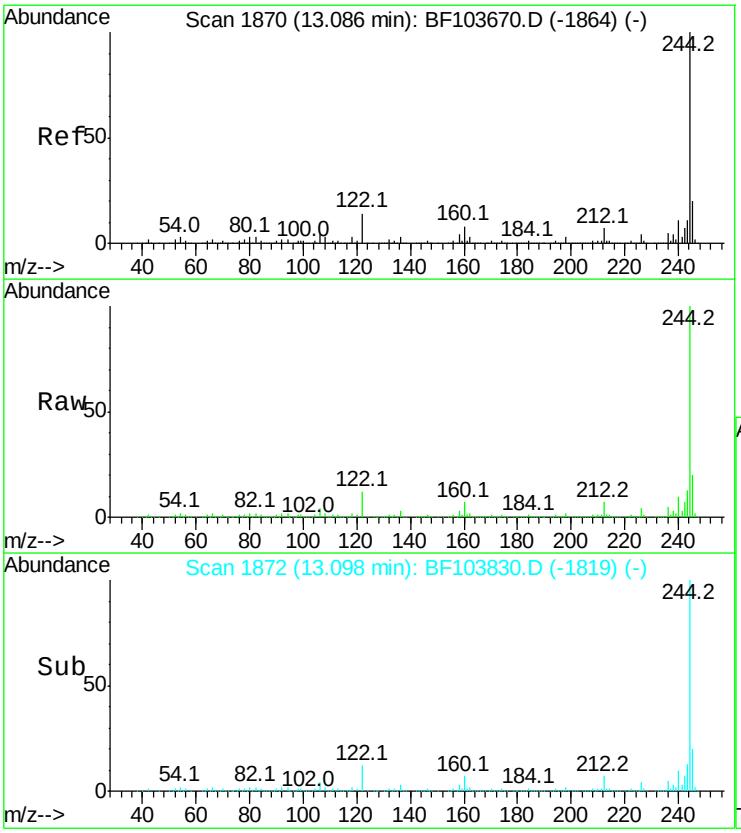
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 331546

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.5	20.7	31.1

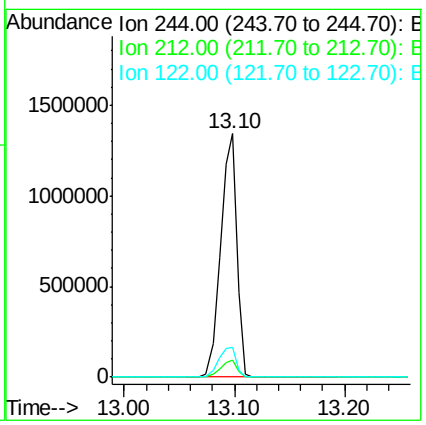


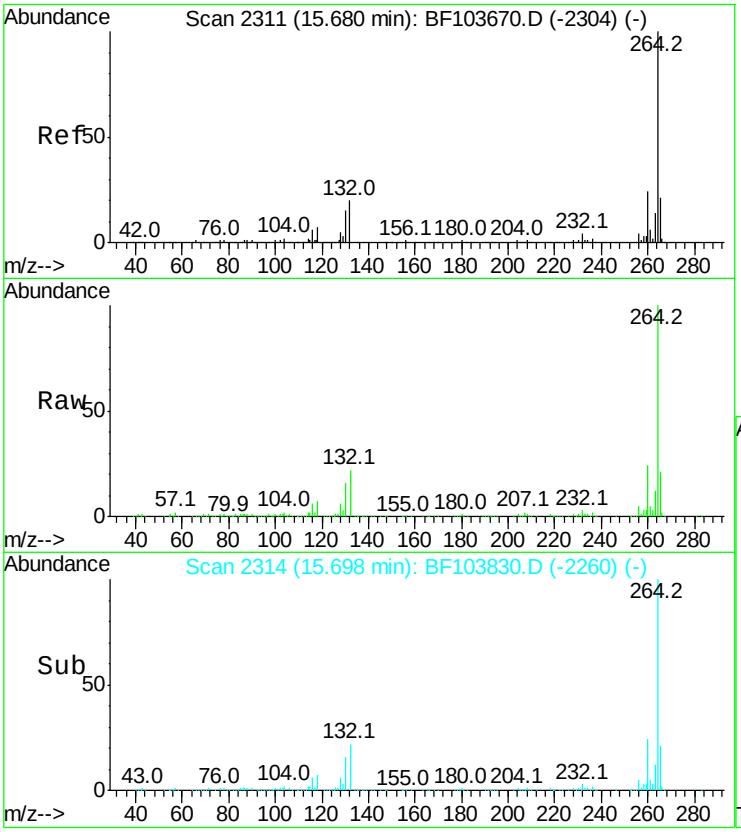


#78
Terphenyl-d14
Concen: 95.956 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Tgt Ion:244 Resp: 1370606

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103830.D
Acq: 21 Mar 2018 4:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 272964

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3