Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103051.D
Acq On : 16 Feb 2018 14:46
Operator : SJ/JU
Sample : J1548-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 22A-2

Quant Time: Feb 16 16:16:27 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	187744	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	762453	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	309164	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	455621	20.00	ng		0.00
75) Chrysene-d12	14.04	240	327317	20.00	ng		-0.01
86) Perylene-d12	15.54	264	279653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	982090	79.44	ng		0.00
7) Phenol-d6	6.51	99	1362112	91.51	ng		0.00
23) Nitrobenzene-d5	7.44	82	856318	77.91	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	109200	43.88	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1301902	69.88	ng		0.00
78) Terphenyl-d14	12.99	244	926094	66.99	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	61144	3.833	ng		98
19) n-Nitroso-di-n-propylamine	7.44	70	114235	11.640	ng	#	81
25) Isophorone	7.44	82	856270	33.833	ng	#	64
26) 2-Nitrophenol	7.69	139	223	8.701	ng	#	26
32) Benzoic acid	7.94	122	118	8.558	ng	#	1
47) 2-Nitroaniline	9.37	65	1953	3.759	ng	#	13
49) Dimethylphthalate	9.62	163	112545	4.669	ng		99
50) 2,6-Dinitrotoluene	9.92	165	40023	8.727	ng	#	25
55) 4-Nitrophenol	10.07	139	117	4.048	ng	#	14
56) 2,4-Dinitrotoluene	9.92	165	40023	9.166	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	236	8.907	ng	#	1
73) Di-n-butylphthalate	11.96	149	1813416	59.042	ng		99
79) Butylbenzylphthalate	13.46	149	71994	6.764	ng		96
83) Bis(2-ethylhexyl)phthalate	14.02	149	333604	21.217	ng		100
87) Benzo(b)fluoranthene	15.10	252	52252	2.882	ng	#	79
88) Benzo(k)fluoranthene	15.10	252	52252	3.016	ng	#	82

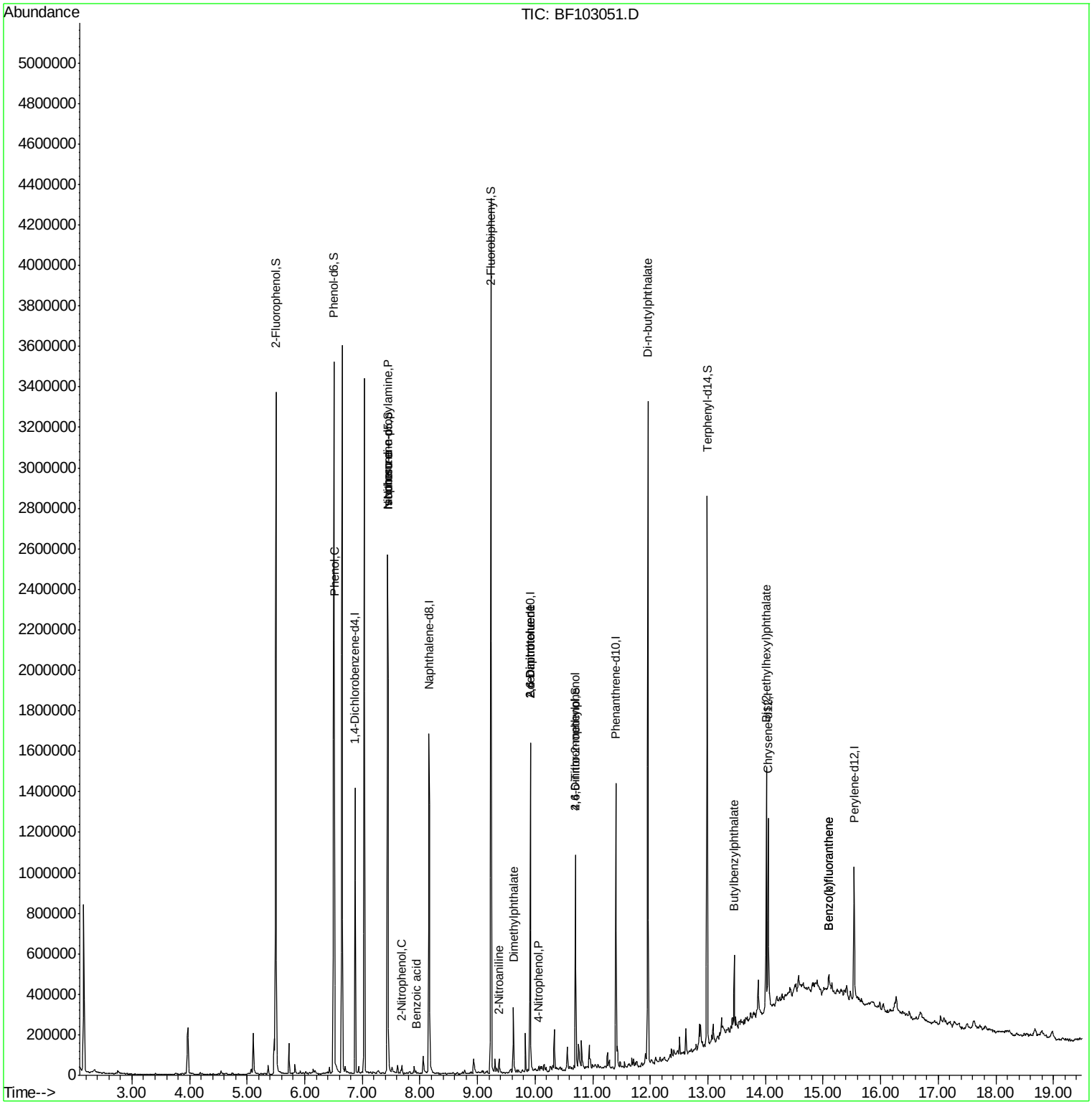
(#) = qualifier out of range (m) = manual integration (+) = signals summed

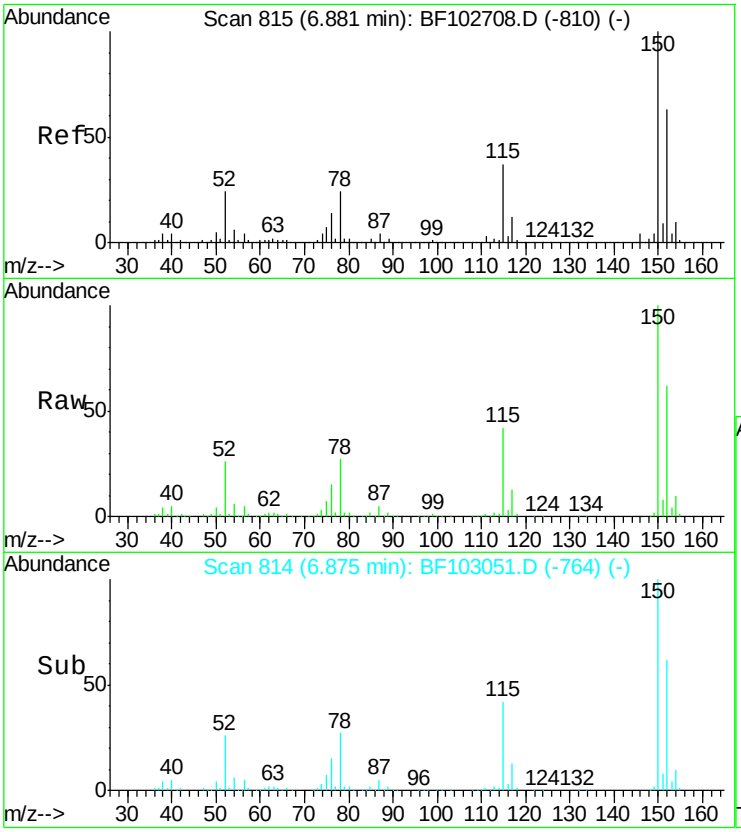
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103051.D
Acq On : 16 Feb 2018 14:46
Operator : SJ/JU
Sample : J1548-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22A-2

Quant Time: Feb 16 16:16:27 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



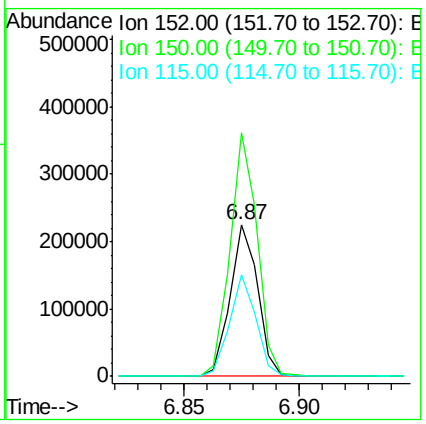


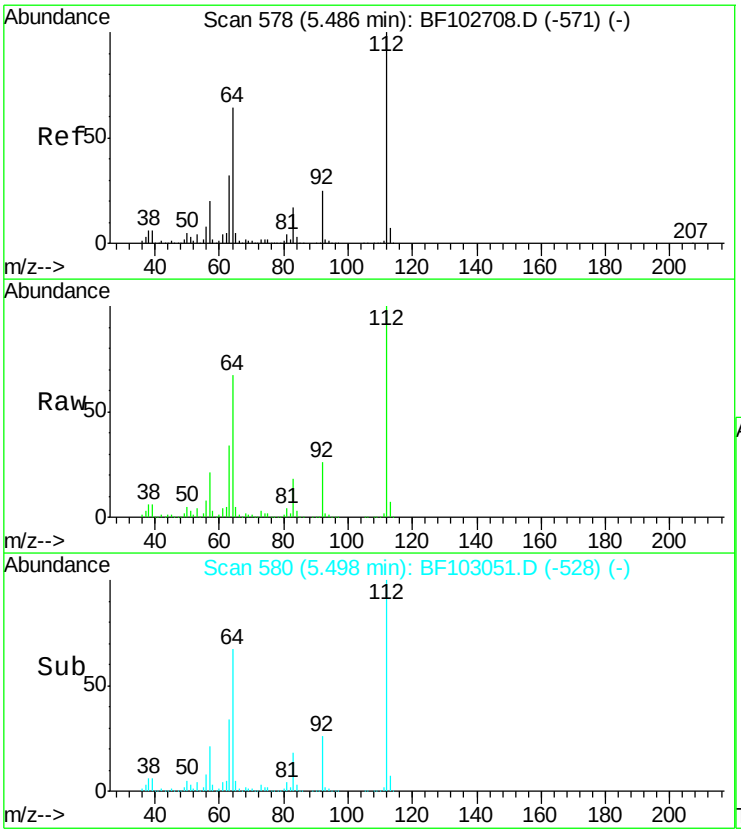
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:152 Resp: 187744

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	66.8	50.1	75.1

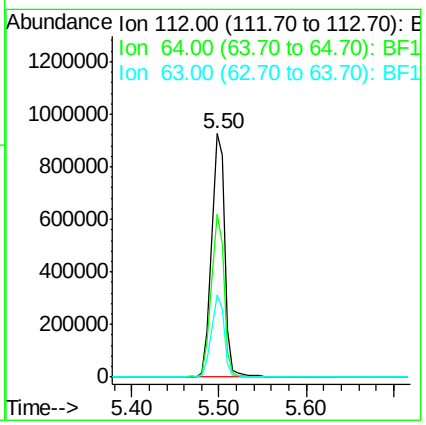


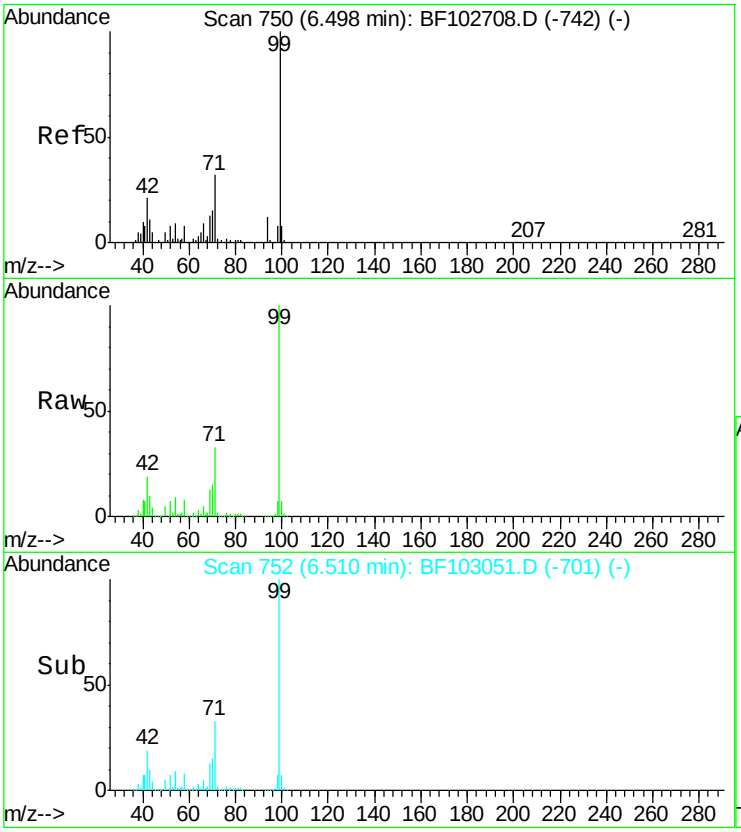


#5
2-Fluorophenol
Concen: 79.442 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:112 Resp: 982090

Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	33.6	23.7	35.5



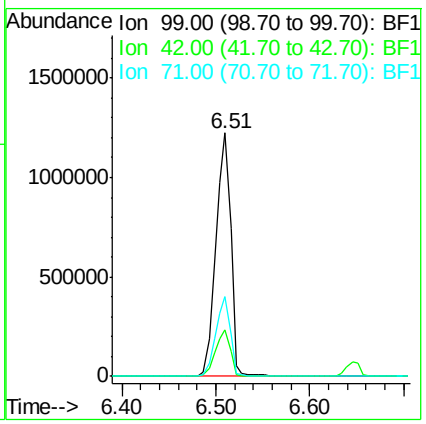


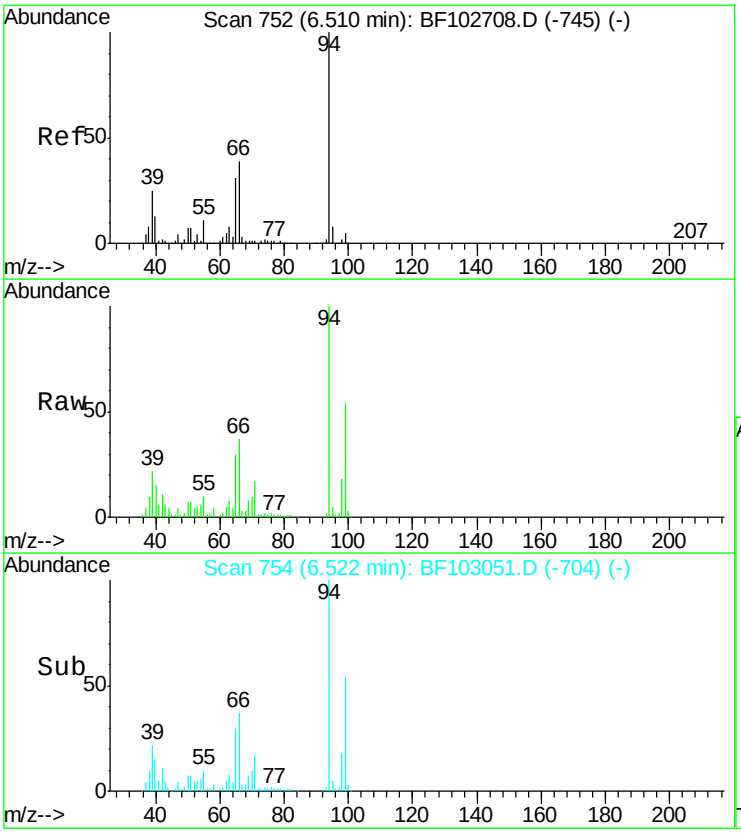
#7
Phenol-d6
Concen: 91.508 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion: 99 Resp: 1362112

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	32.8	25.4	38.0

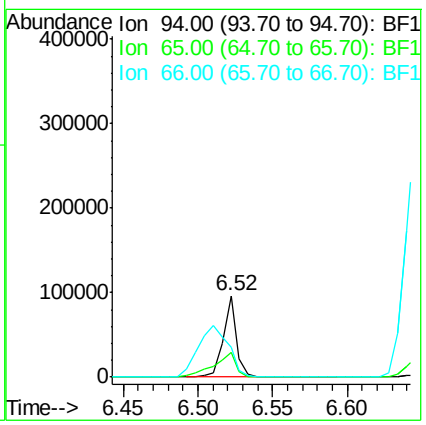


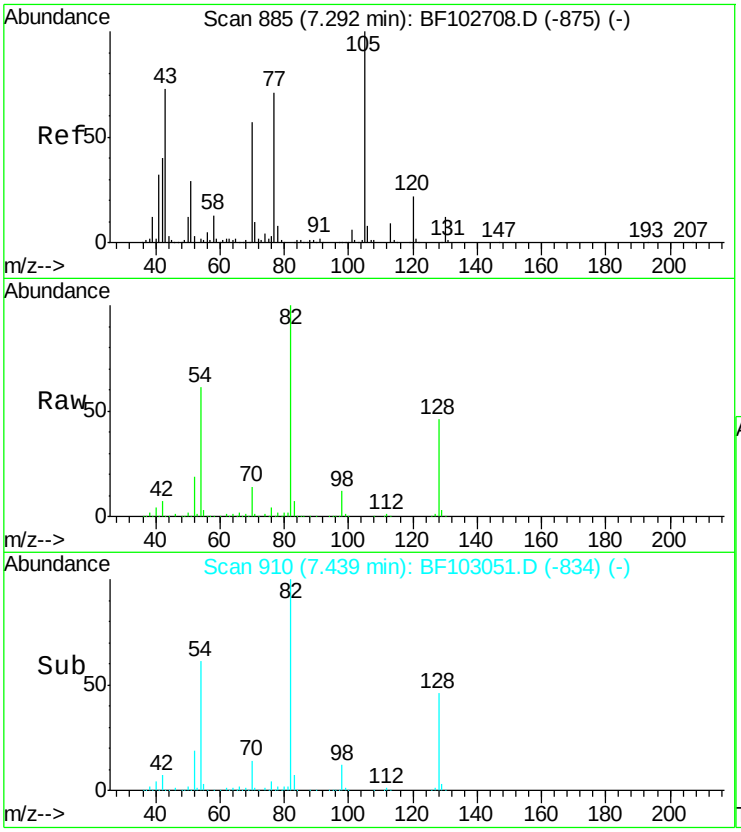


#10
Phenol
Concen: 3.833 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion: 94 Resp: 61144

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	37.1	16.2	56.2



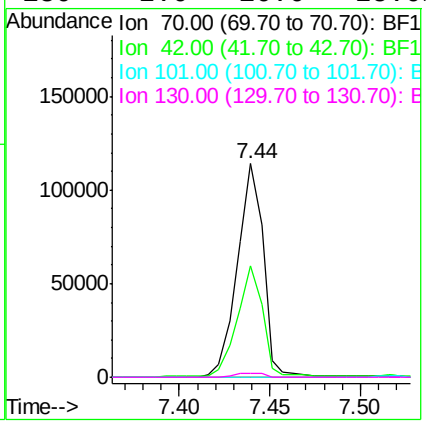


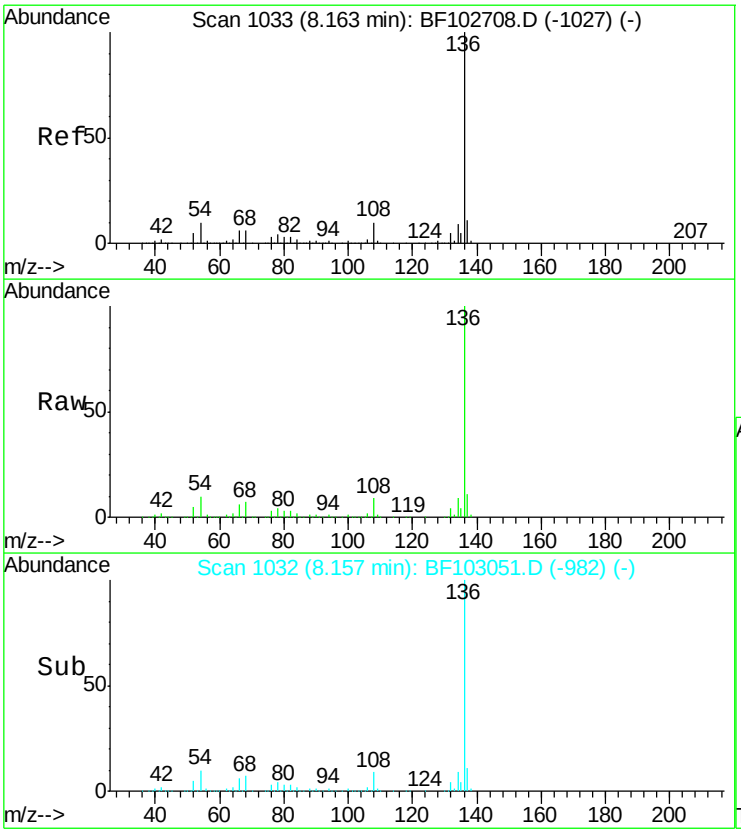
#19
n-Nitroso-di-n-propylamine
Concen: 11.640 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion: 70 Resp: 114235

Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

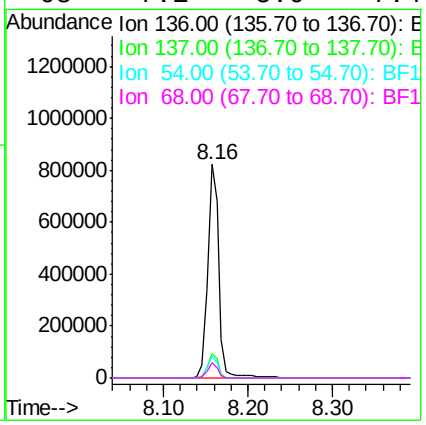


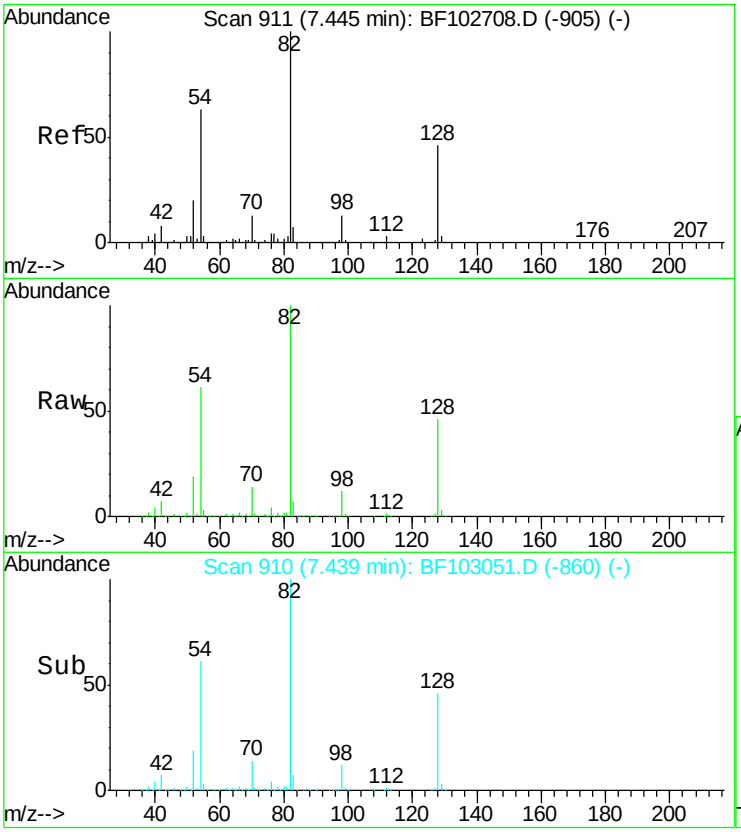


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:136 Resp: 762453

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.1	6.6	9.8#
68	7.1	5.0	7.4



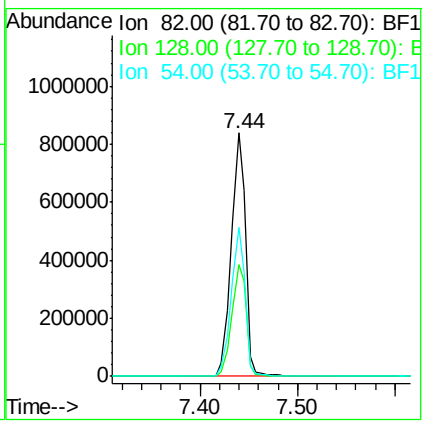


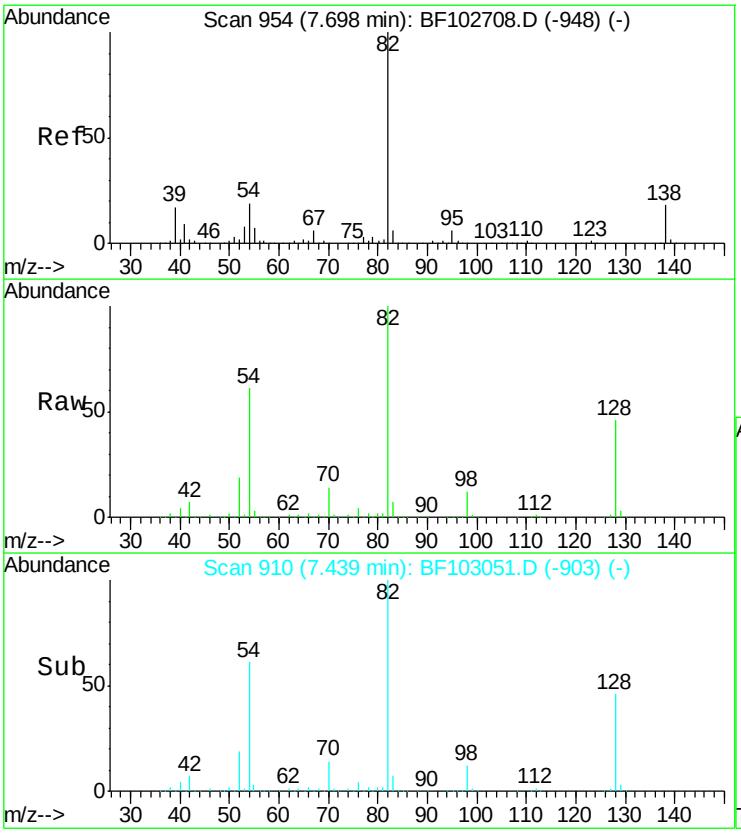
#23
Nitrobenzene-d5
Concen: 77.911 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion: 82 Resp: 856318

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	60.9	41.4	62.2

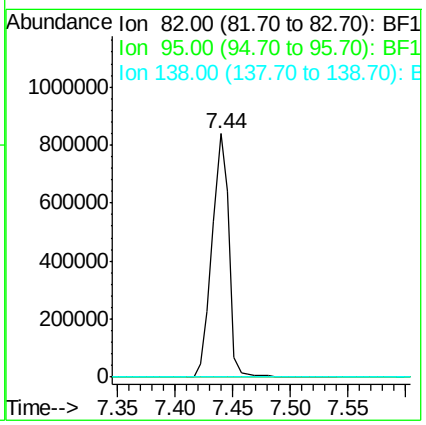


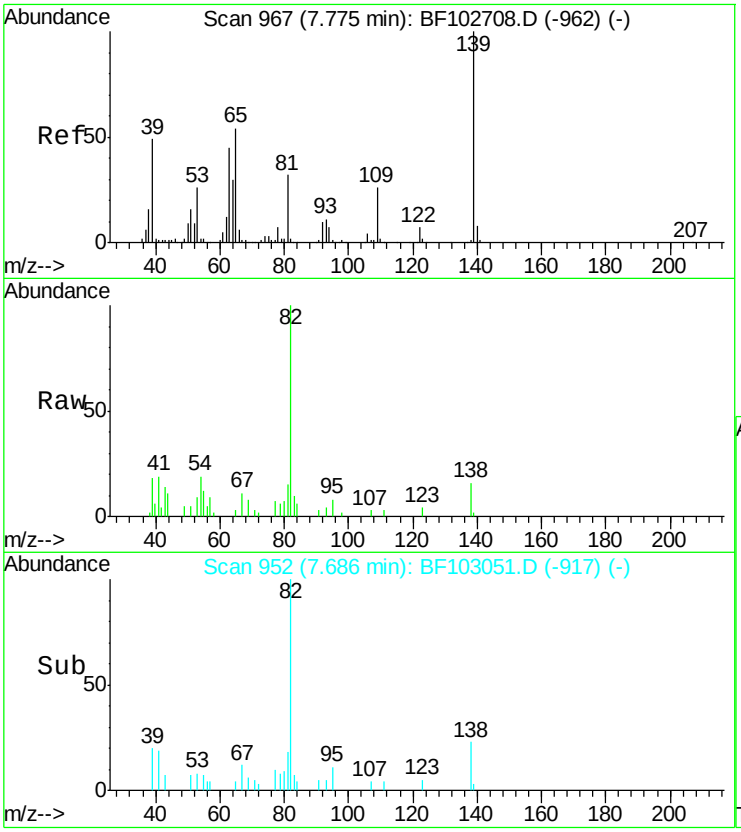


#25
Isophorone
Concen: 33.833 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion: 82 Resp: 856270

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



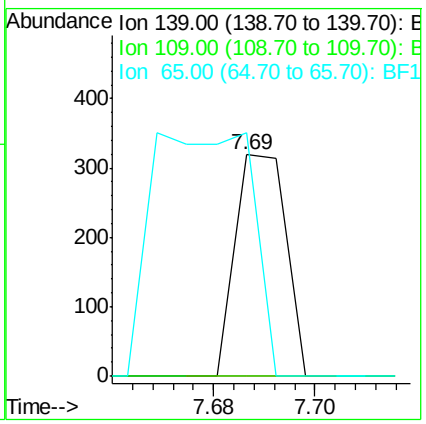


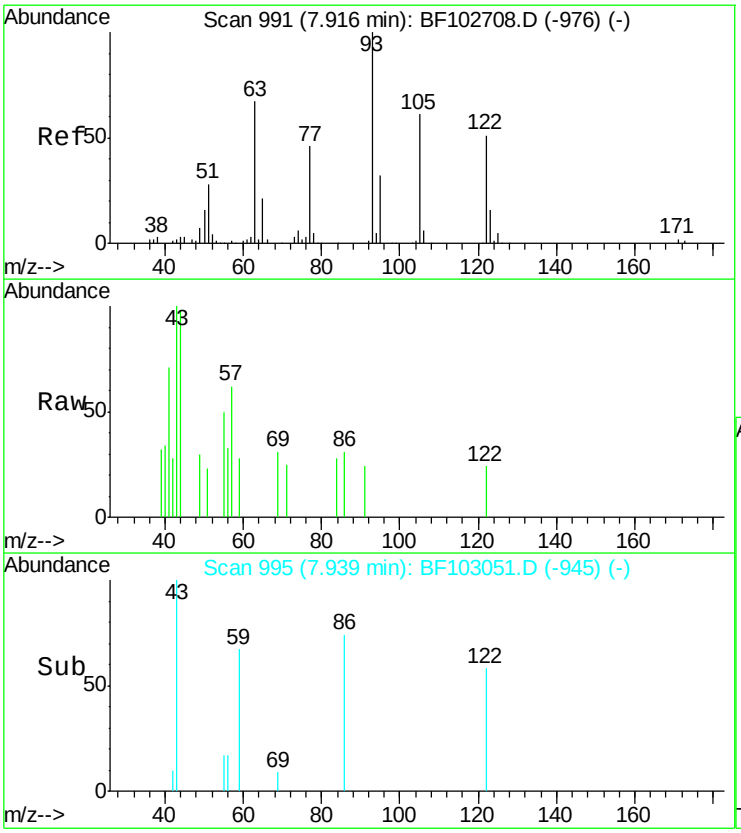
#26
2-Nitrophenol
Concen: 8.701 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.09 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:139 Resp: 223

Ion	Ratio	Lower	Upper
139	100		
109	0.0	22.7	34.1#
65	109.7	40.5	60.7#

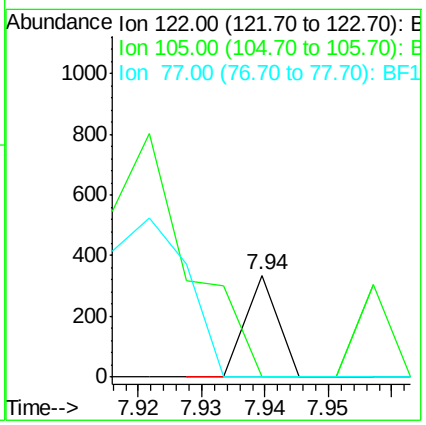


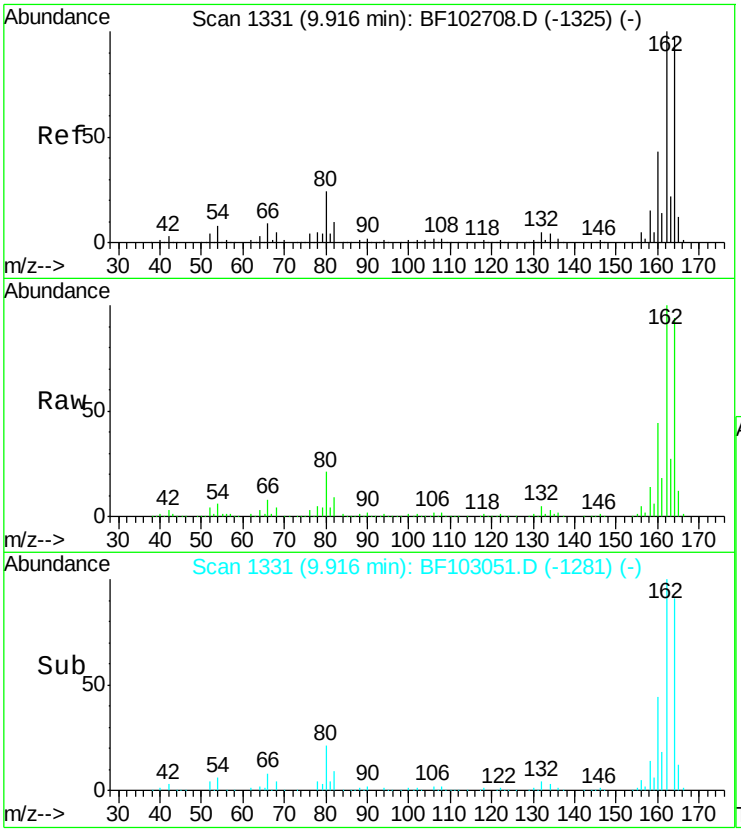


#32
Benzoic acid
Concen: 8.558 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:122 Resp: 118

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



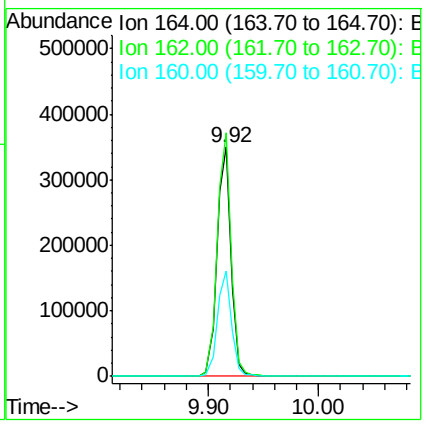


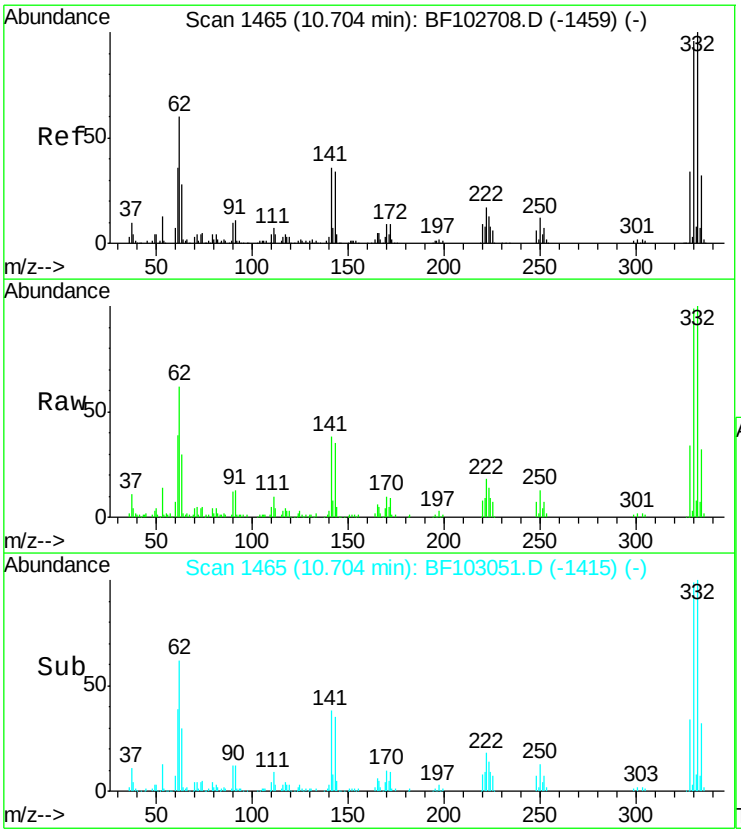
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:164 Resp: 309164

Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.3	38.3	57.5

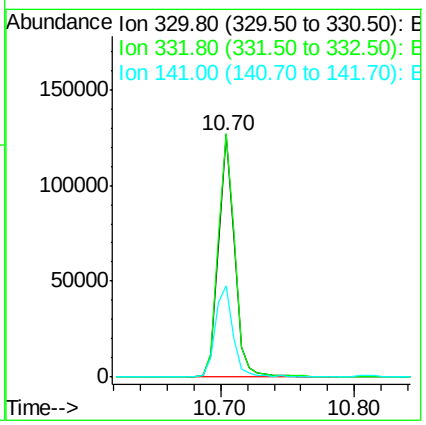


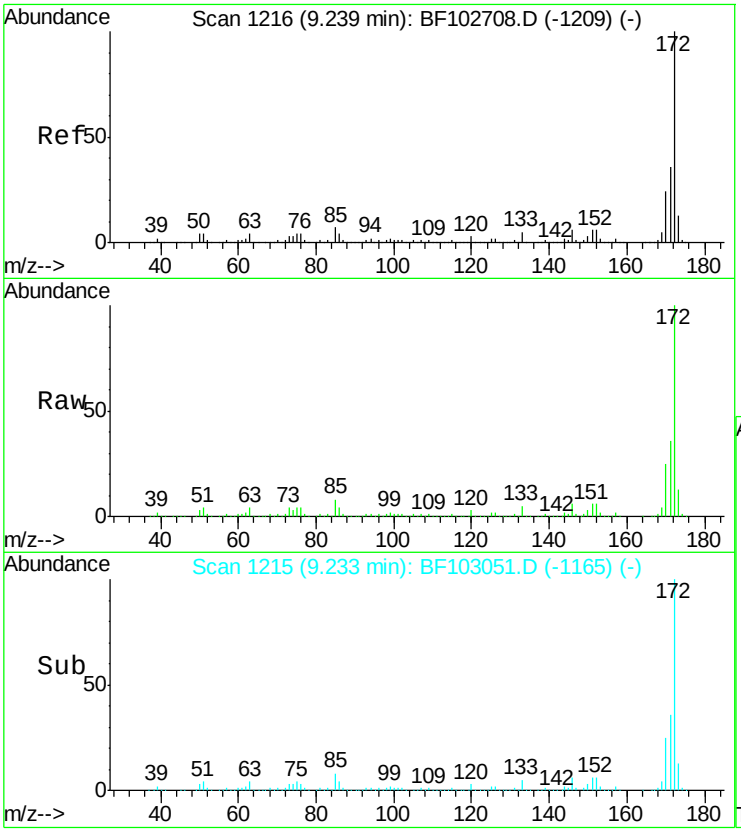


#41
2,4,6-Tribromophenol
Concen: 43.883 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:330 Resp: 109200

Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	41.9	29.9	44.9



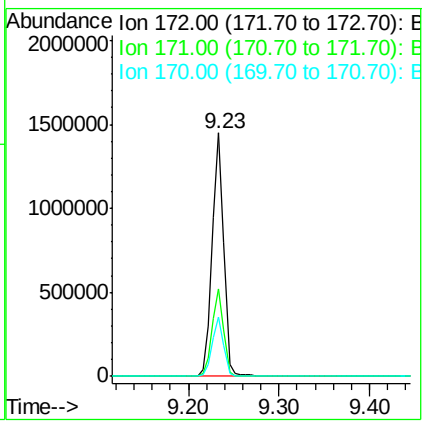


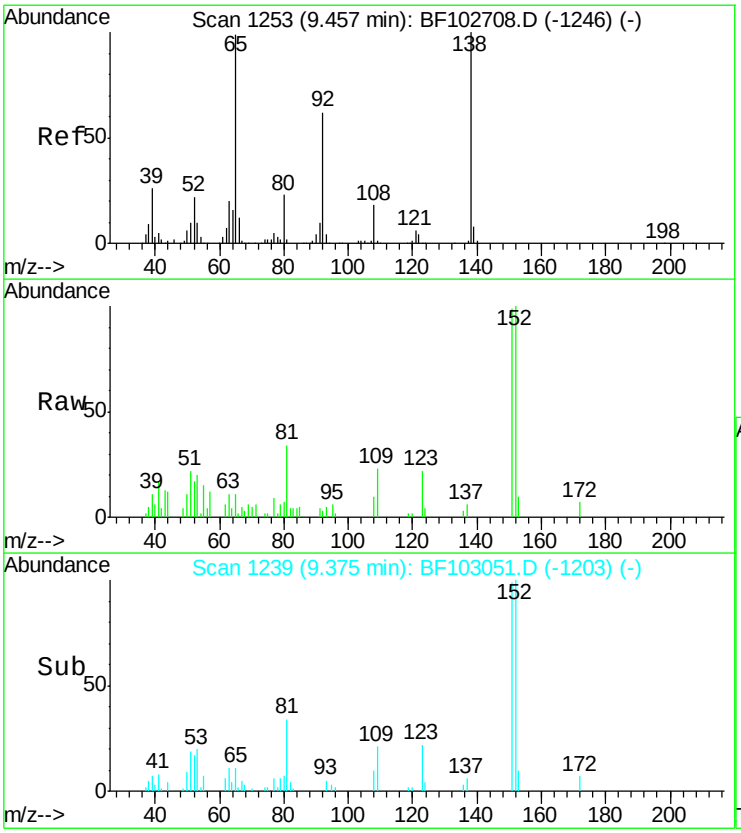
#44
2-Fluorobiphenyl
Concen: 69.876 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:172 Resp: 1301902

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.6	19.6	29.4

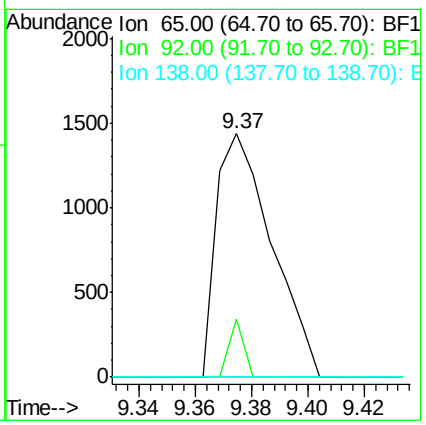


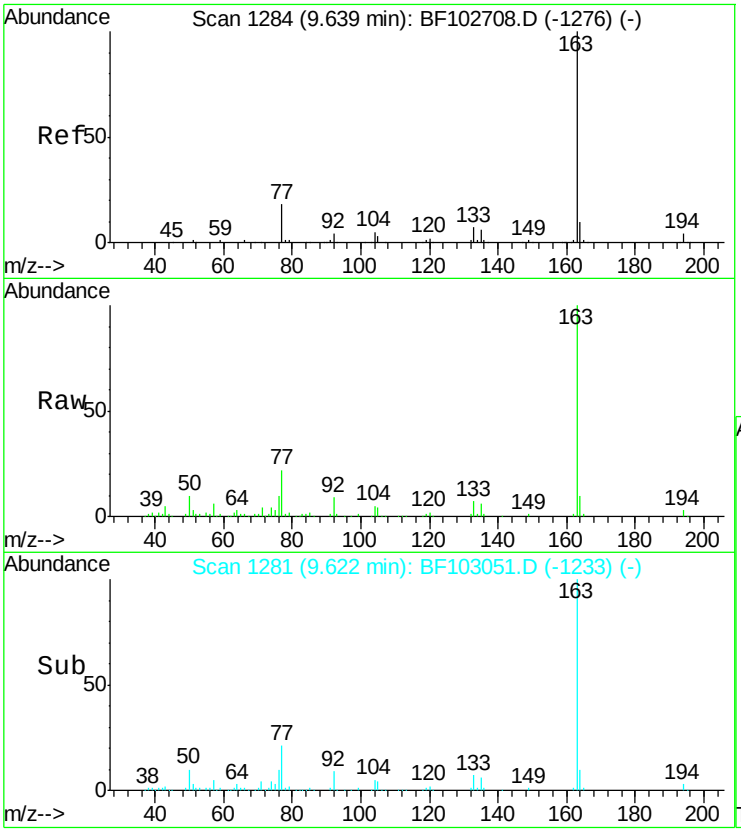


#47
2-Nitroaniline
Concen: 3.759 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.09 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion: 65 Resp: 1953

Ion	Ratio	Lower	Upper
65	100		
92	23.8	55.8	83.6#
138	0.0	91.2	136.8#



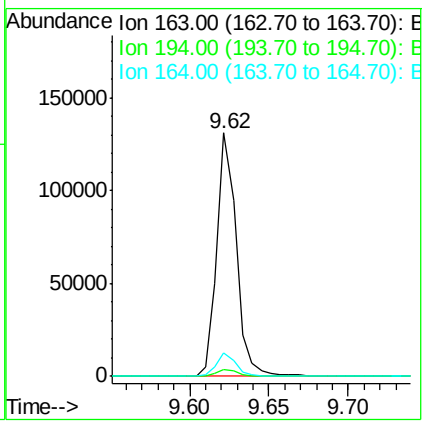


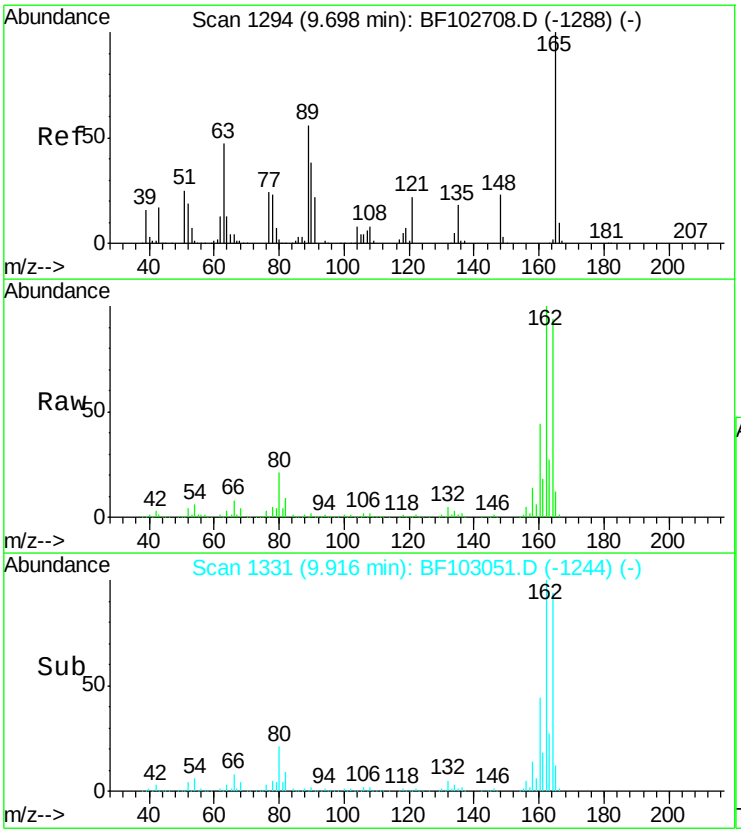
#49
Dimethylphthalate
Concen: 4.669 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:163 Resp: 112545

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.8	8.2	12.2

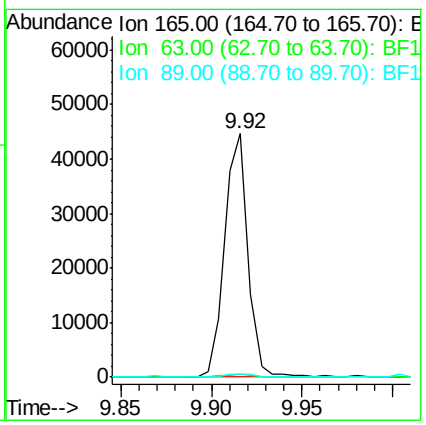


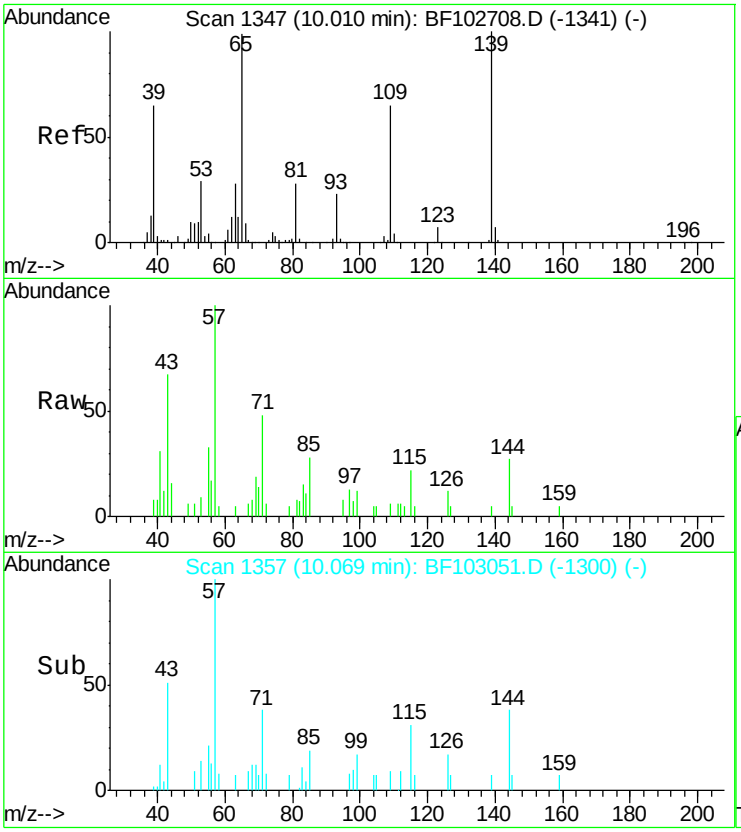


#50
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:165 Resp: 40023

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.3	44.0	66.0#



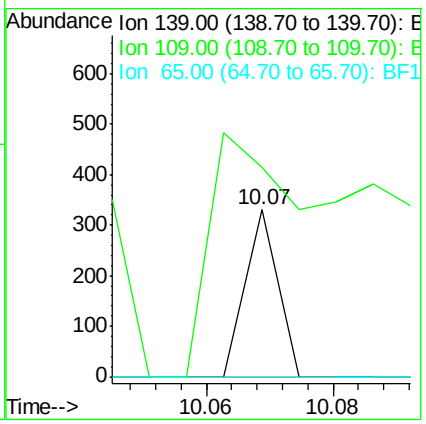


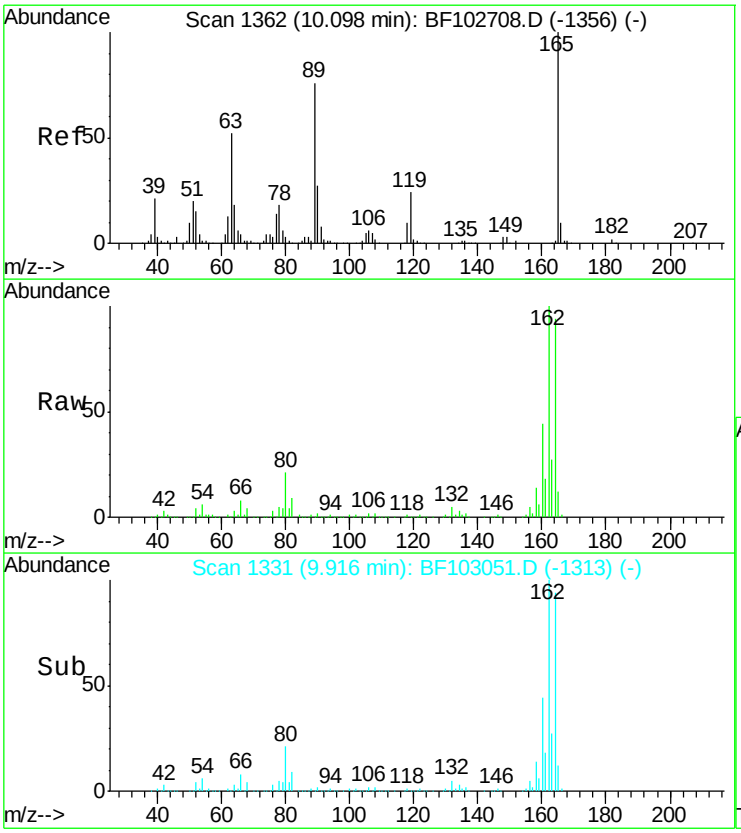
#55
4-Nitrophenol
Concen: 4.048 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.04 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:139 Resp: 117

Ion	Ratio	Lower	Upper
139	100		
109	125.7	48.4	88.4#
65	0.0	72.6	112.6#

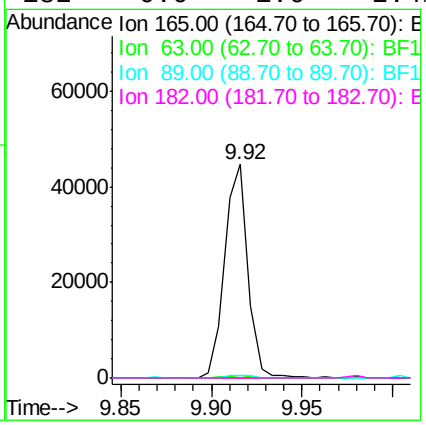


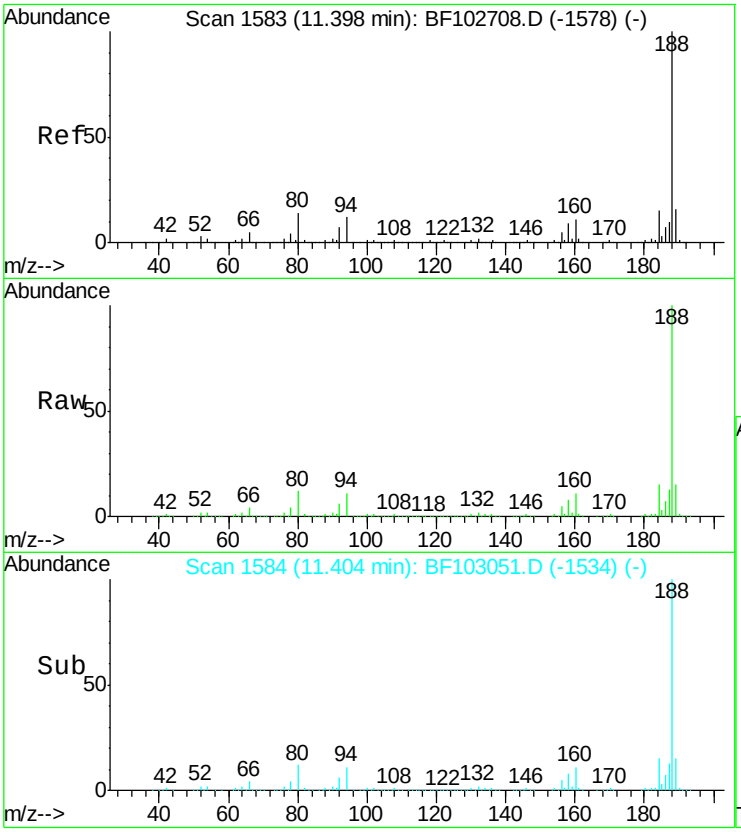


#56
2,4-Dinitrotoluene
Concen: 9.166 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:165 Resp: 40023

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



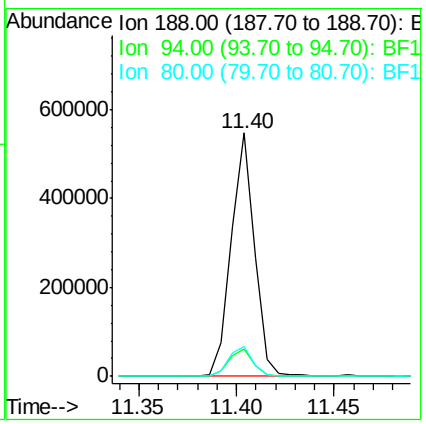


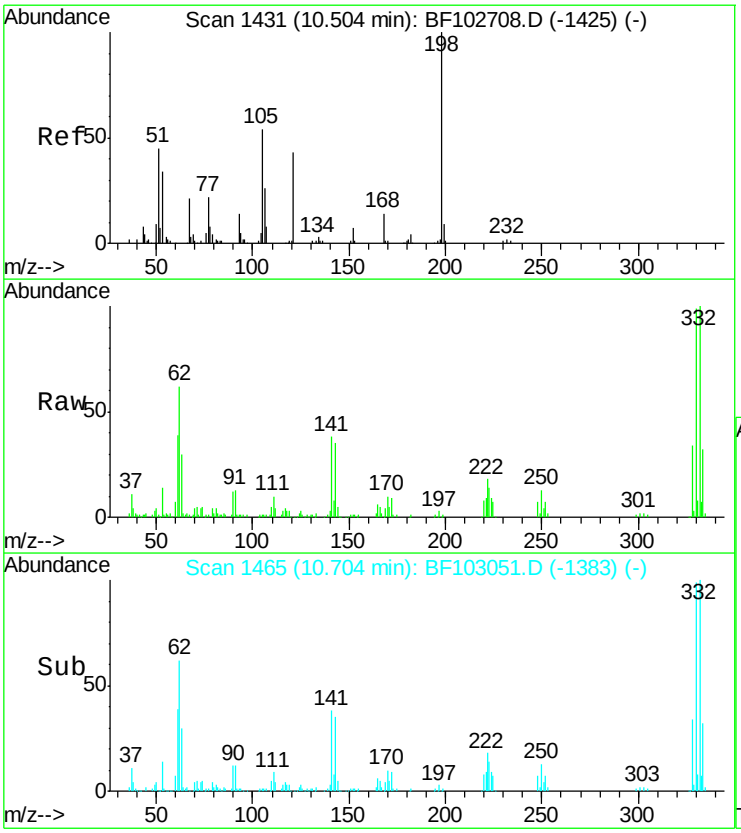
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:188 Resp: 455621

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8

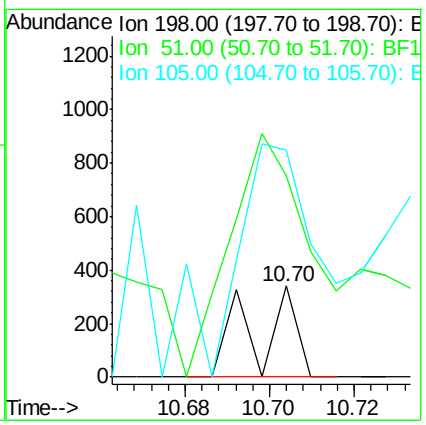


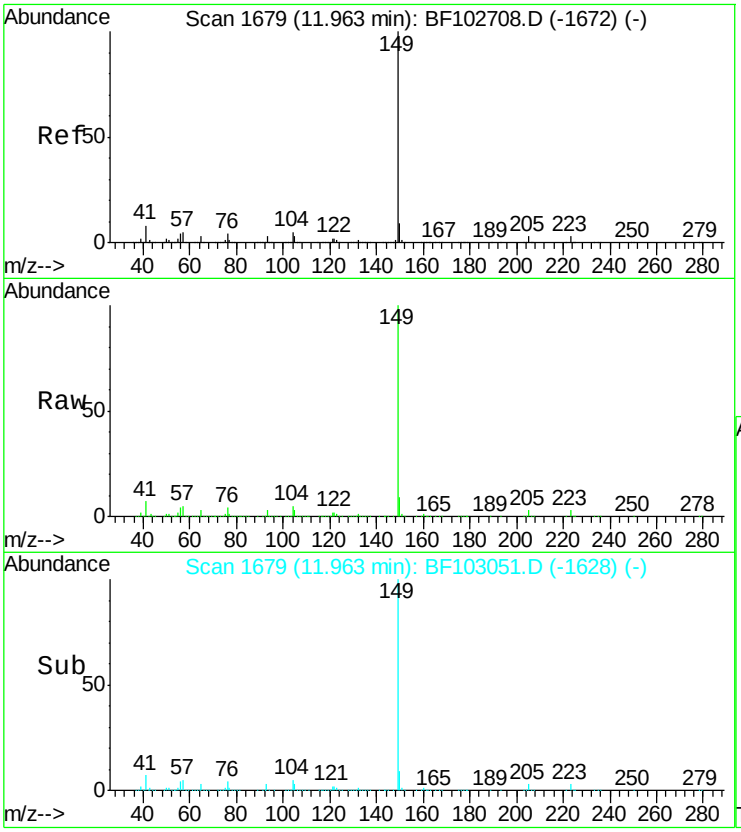


#64
4,6-Dinitro-2-methylphenol
Concen: 8.907 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:198 Resp: 236

Ion	Ratio	Lower	Upper
198	100		
51	221.1	37.7	77.7#
105	248.4	36.3	76.3#



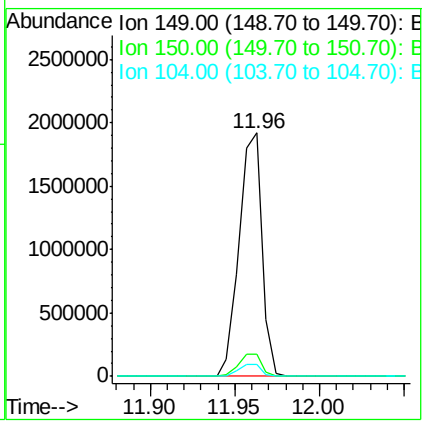


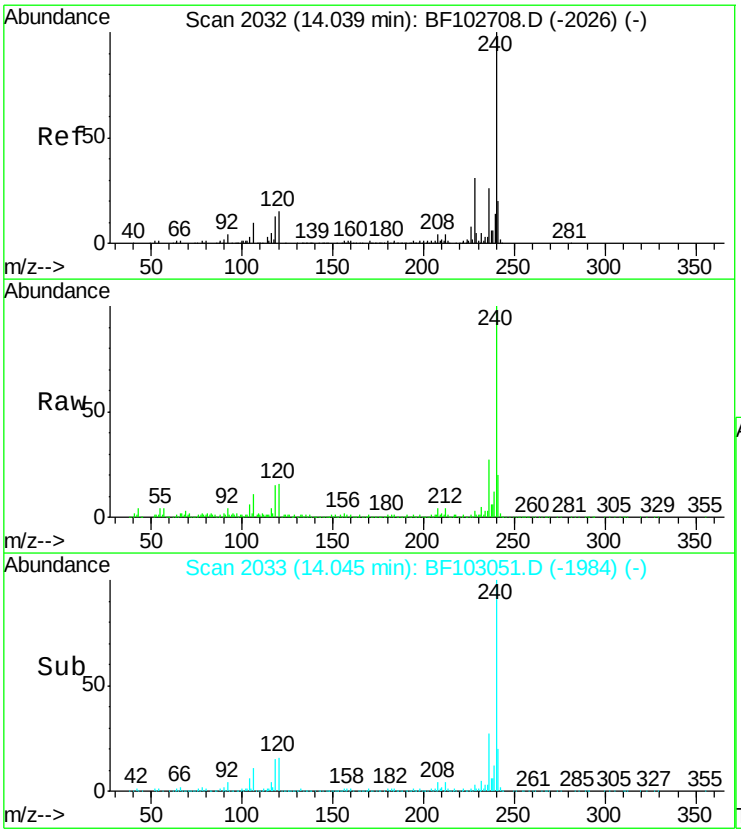
#73
Di-n-butylphthalate
Concen: 59.042 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:149 Resp: 1813416

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

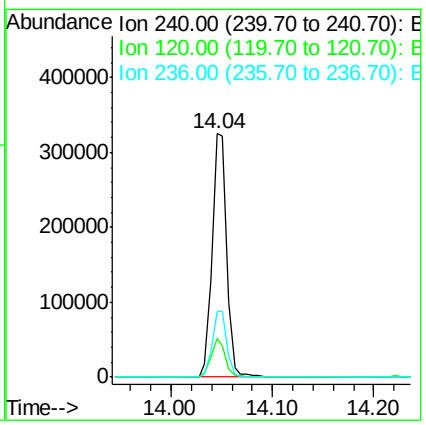


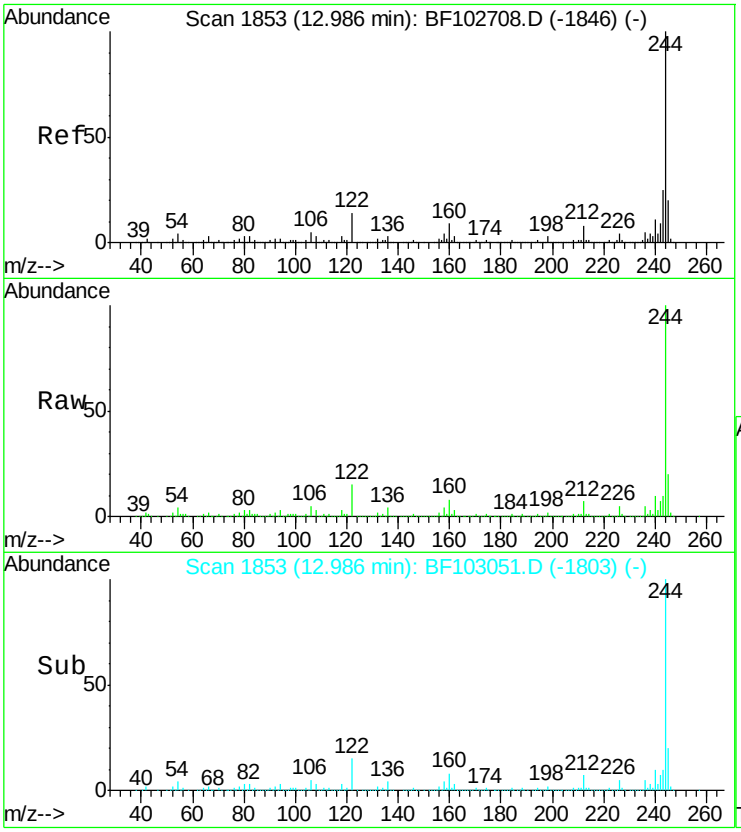


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:240 Resp: 327317

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	27.0	20.7	31.1



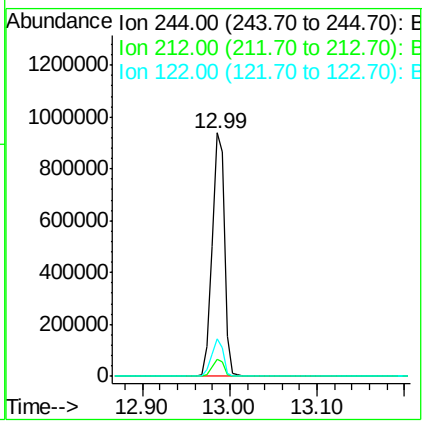


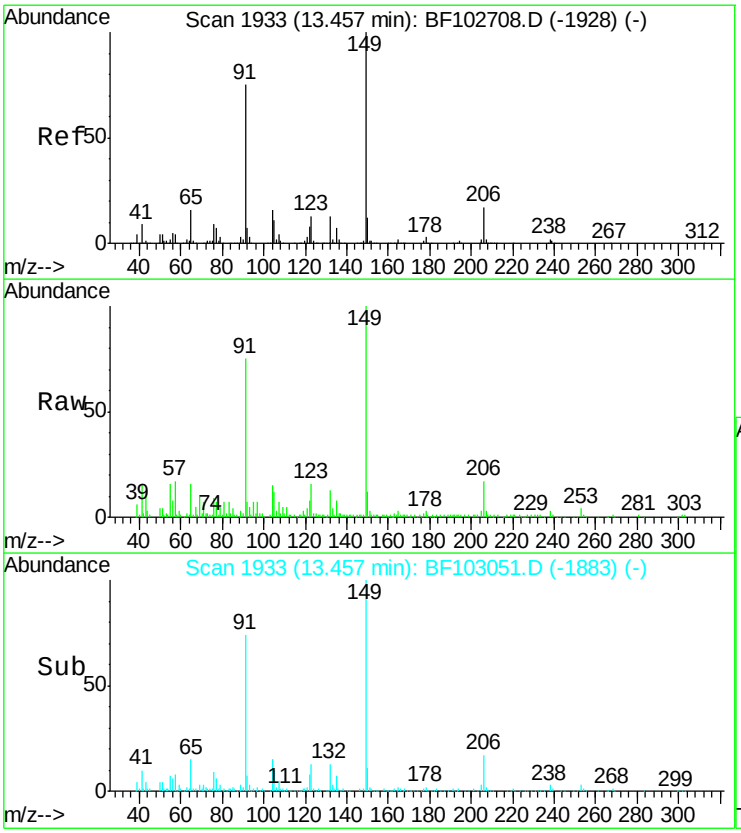
#78
Terphenyl-d14
Concen: 66.993 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument : BNA_F
ClientSampleId : 22A-2

Tgt Ion:244 Resp: 926094

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.4	11.0	16.4

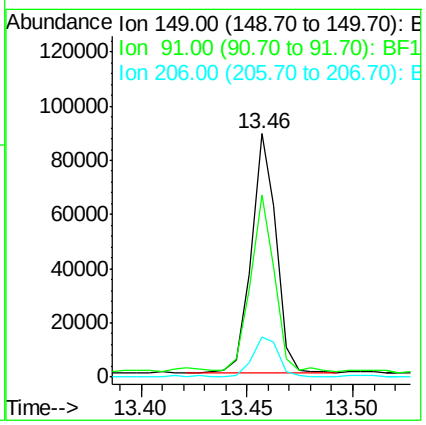


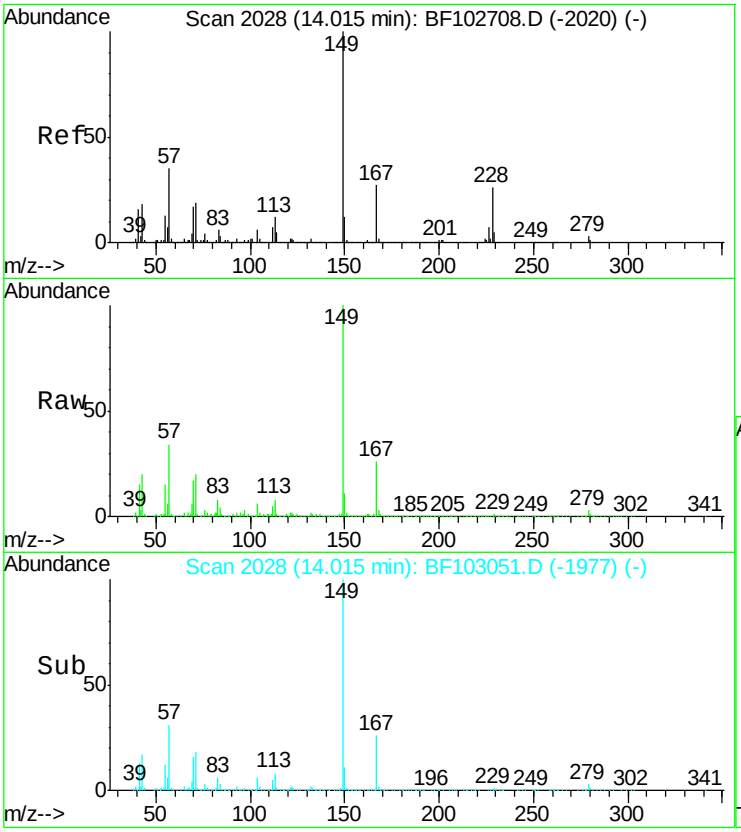


#79
Butylbenzylphthalate
Concen: 6.764 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:149 Resp: 71994

Ion	Ratio	Lower	Upper
149	100		
91	75.0	56.8	85.2
206	16.5	14.1	21.1



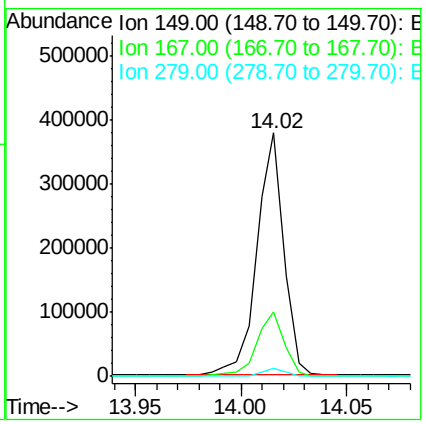


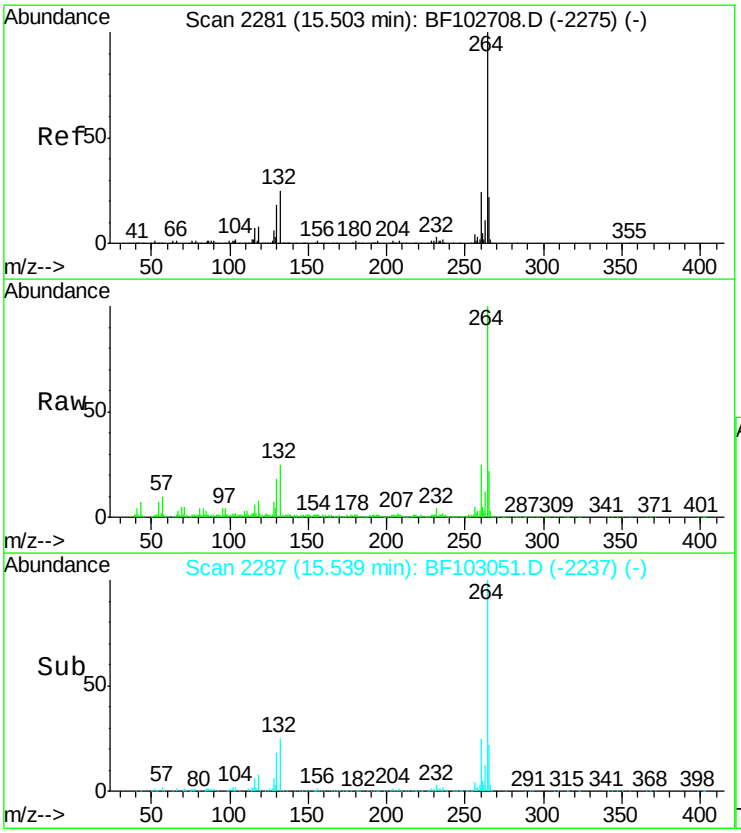
#83
Bis(2-ethylhexyl)phthalate
Concen: 21.217 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:149 Resp: 333604

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4

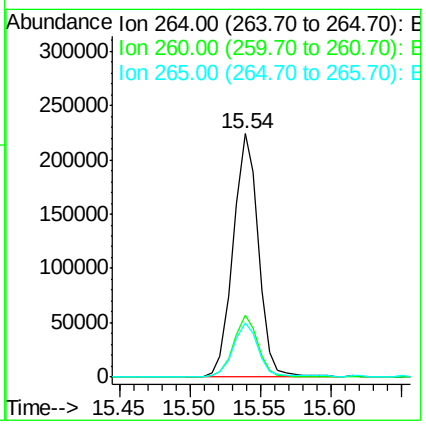


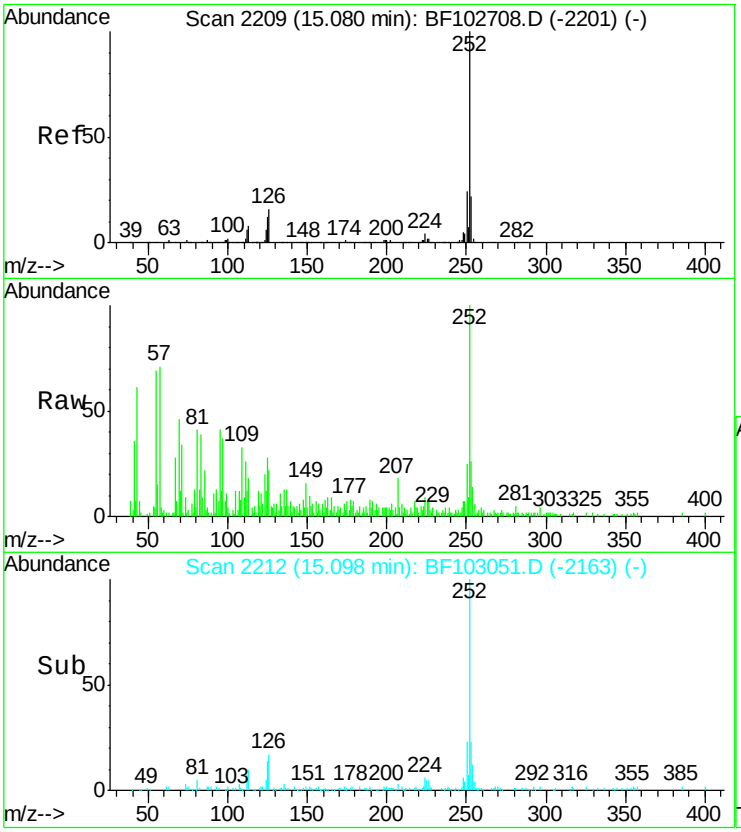


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:264 Resp: 279653

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.3	17.5	26.3



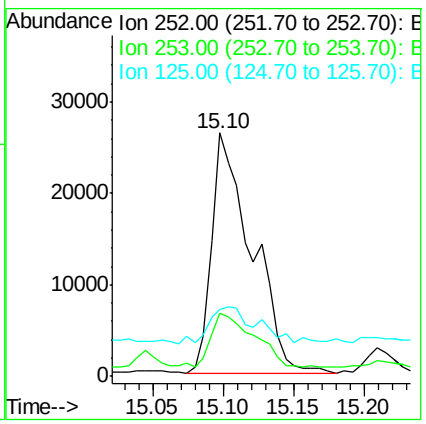


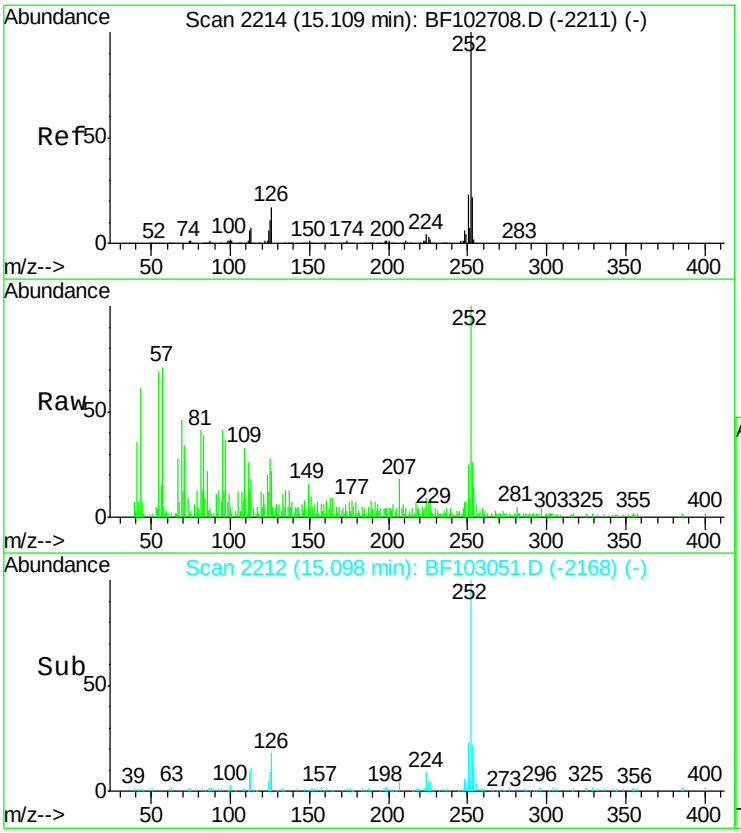
#87
Benzo(b)fluoranthene
Concen: 2.882 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Instrument :
BNA_F
ClientSampleId :
22A-2

Tgt Ion:252 Resp: 52252

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	27.5	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.016 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF103051.D
Acq: 16 Feb 2018 14:46

Tgt Ion:252 Resp: 52252

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	27.5	10.2	15.2#