Quantitation Report (Not Reviewed)

Data Path : \\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102458.D
Acq On : 26 Jan 2018 8:21
Operator : SJ/JU
Sample : J1236-04DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20A-5DL

Quant Time: Jan 26 11:41:29 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114140	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	437651	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	173715	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	280786	20.00	ng		0.00
75) Chrysene-d12	13.87	240	278795	20.00	ng		0.00
86) Perylene-d12	15.30	264	221551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	185804	24.68	ng		0.00
7) Phenol-d6	6.35	99	210176	23.16	ng		-0.02
23) Nitrobenzene-d5	7.28	82	127922	16.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	32399	18.82	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	206799	17.50	ng		-0.01
78) Terphenyl-d14	12.82	244	181264	14.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.27	77	20474	3.234	ng	#	1
17) 2-Methylphenol	6.98	107	21191	3.092	ng	#	73
18) Hexachloroethane	7.25	117	62769	19.161	ng	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	22061	3.972	ng	#	65
20) 3+4-Methylphenols	7.13	107	30556	3.791	ng	#	89
22) Acetophenone	7.11	105	137495	13.179	ng	#	53
25) Isophorone	7.52	82	41120	3.029	ng	#	1
31) Naphthalene	8.02	128	342795	15.688	ng		99
33) 4-Chloroaniline	8.02	127	47416	5.160	ng	#	40
37) 2-Methylnaphthalene	8.71	142	55571	3.819	ng		97
49) Dimethylphthalate	9.47	163	30235	2.106	ng		98
50) 2,6-Dinitrotoluene	9.75	165	22612	7.304	ng	#	25
52) 3-Nitroaniline	9.95	138	25515	6.967	ng	#	44
55) 4-Nitrophenol	9.95	139	5311	2.197	ng	#	1
56) 2,4-Dinitrotoluene	9.75	165	22612	5.940	ng	#	22
61) 4-Nitroaniline	10.14	138	7855	2.149	ng	#	45
73) Di-n-butylphthalate	11.80	149	1259789	61.859	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : \\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF012518\
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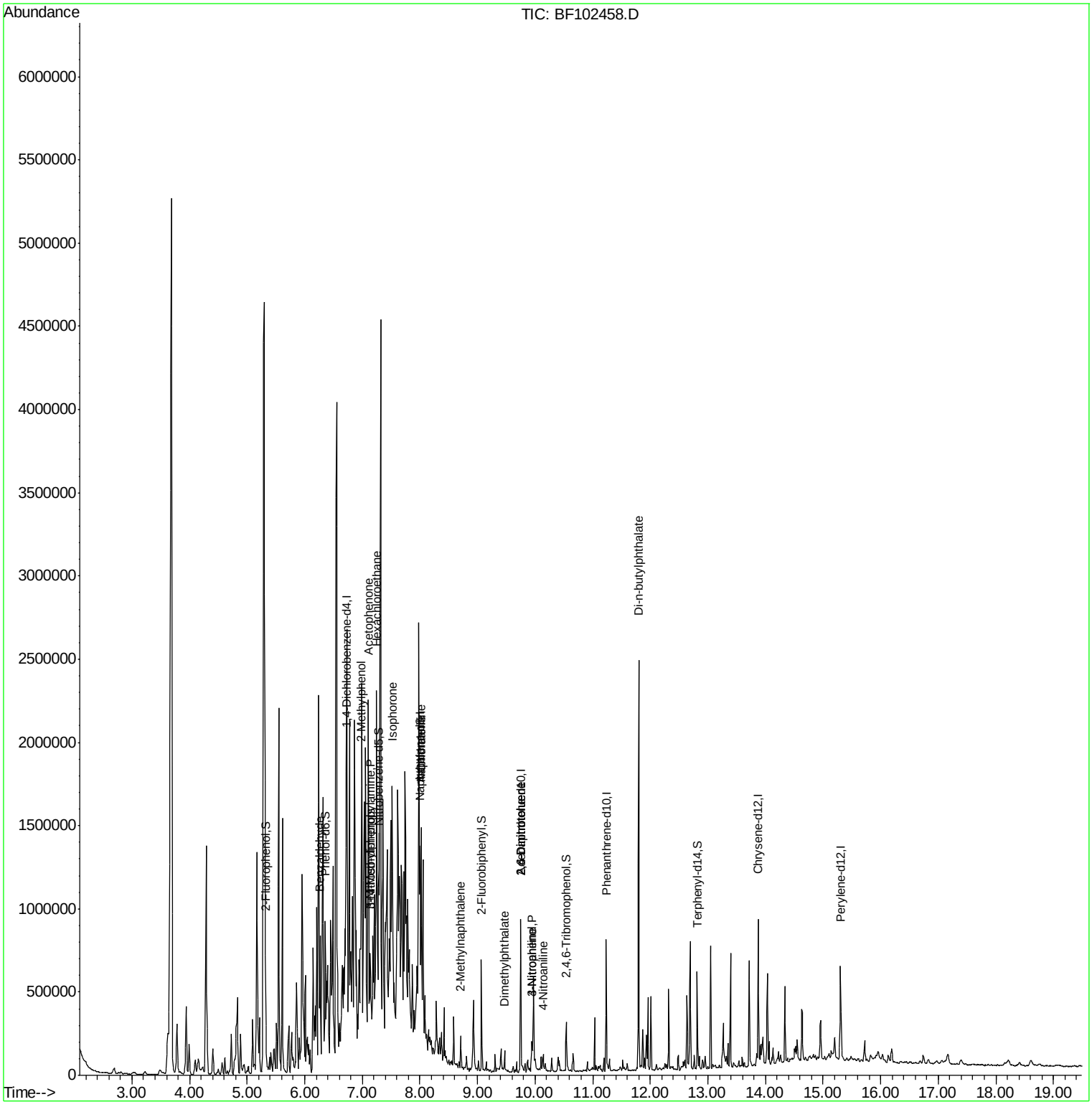
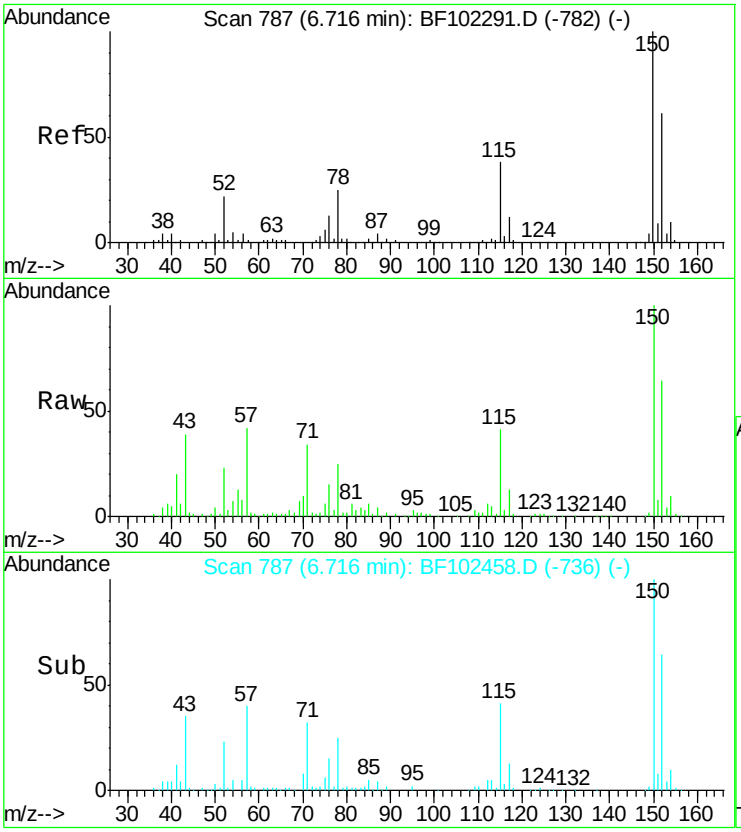


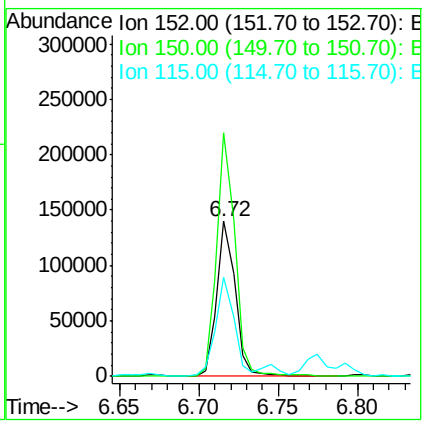


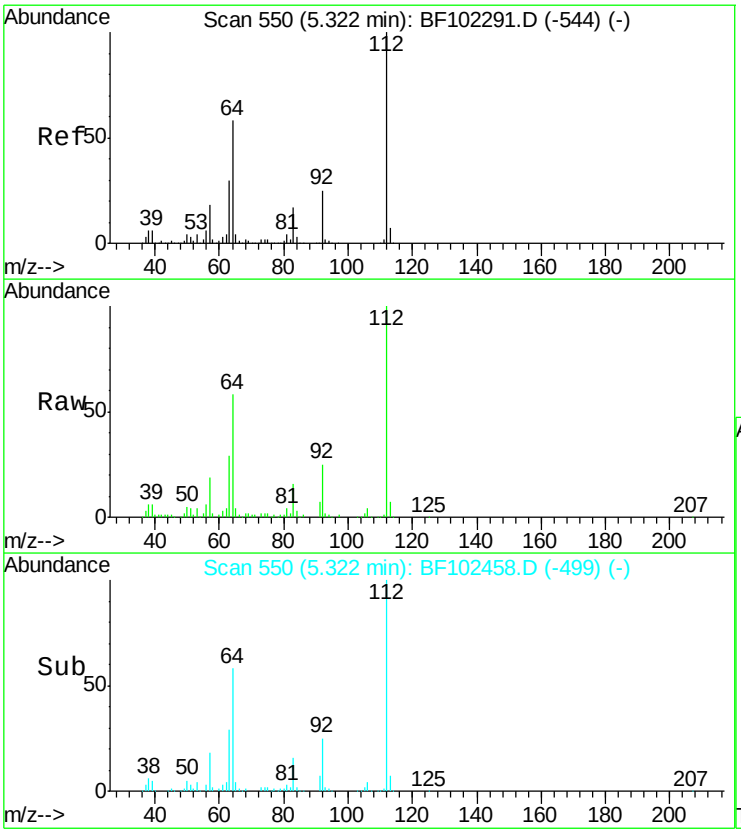
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:152 Resp: 114140

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	64.4	50.1	75.1

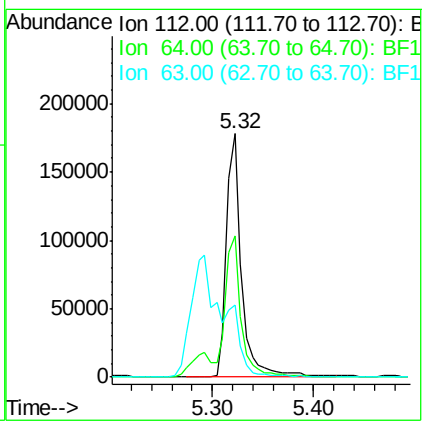


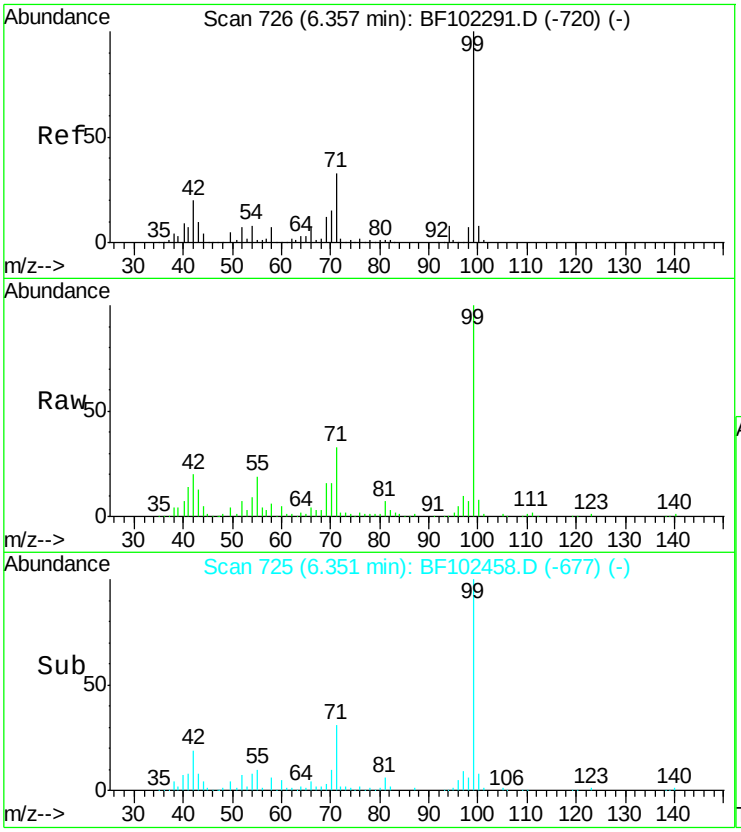


#5
2-Fluorophenol
Concen: 24.683 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:112 Resp: 185804

Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.4	23.7	35.5



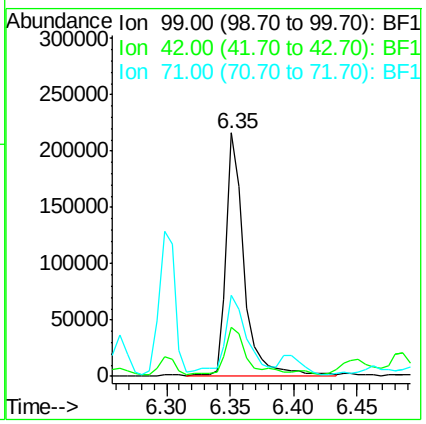


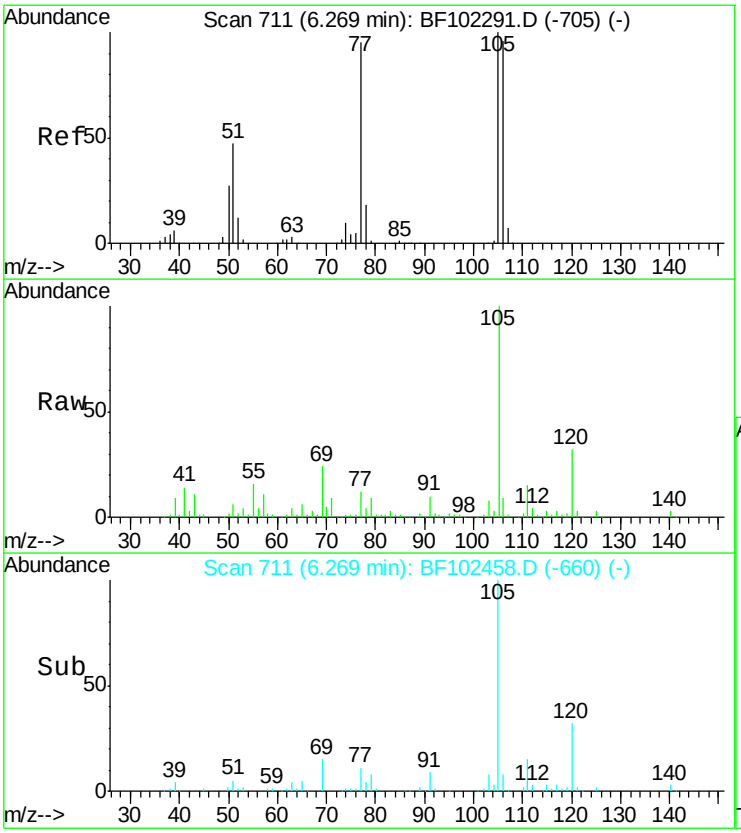
#7
Phenol-d6
Concen: 23.159 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion: 99 Resp: 210176

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.1	25.4	38.0

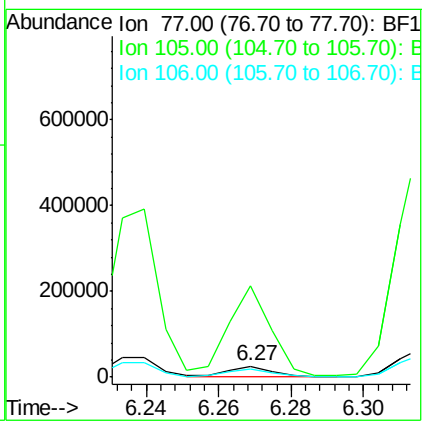


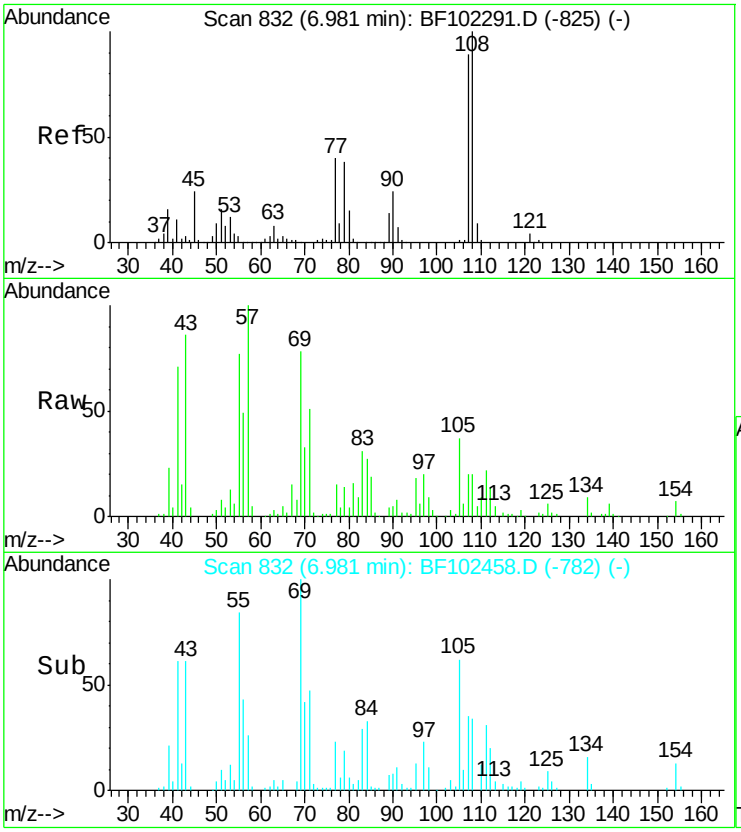


#9
Benzaldehyde
Concen: 3.234 ng
RT: 6.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion: 77 Resp: 20474

Ion	Ratio	Lower	Upper
77	100		
105	861.7	81.1	121.1#
106	73.7	74.5	114.5#



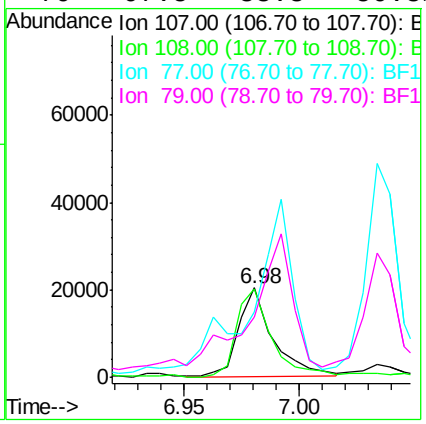


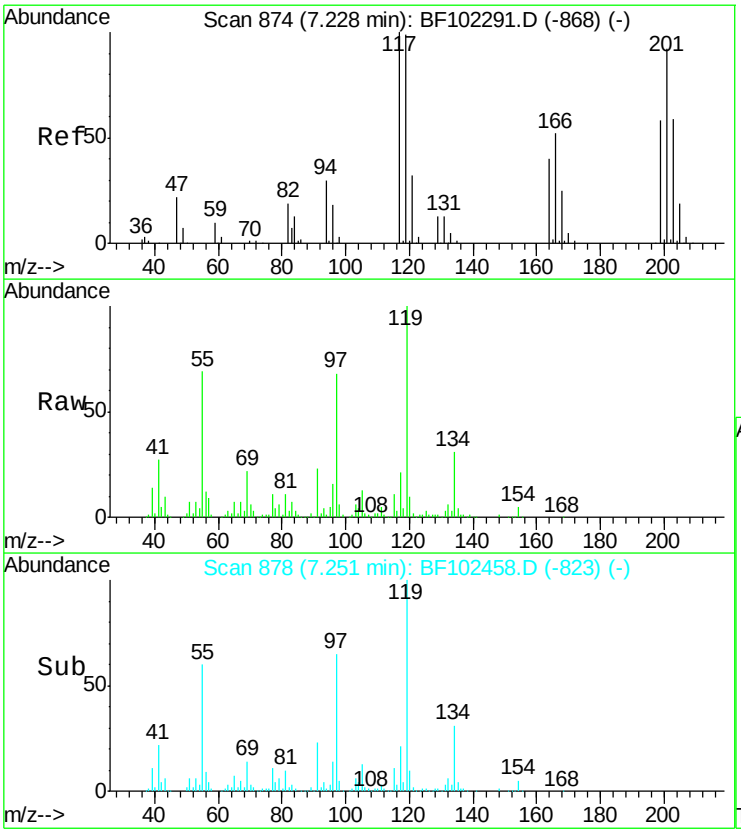
#17
2-Methylphenol
Concen: 3.092 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:107 Resp: 21191

Ion	Ratio	Lower	Upper
107	100		
108	98.5	91.7	137.5
77	72.6	33.8	50.8#
79	67.5	33.8	50.8#

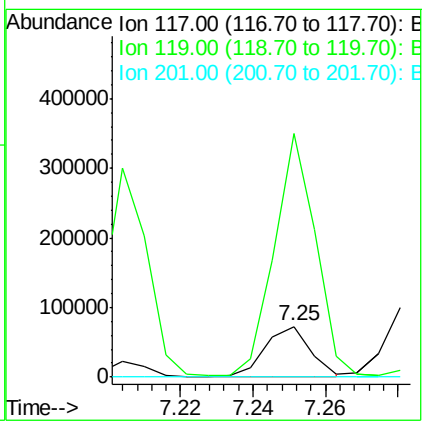


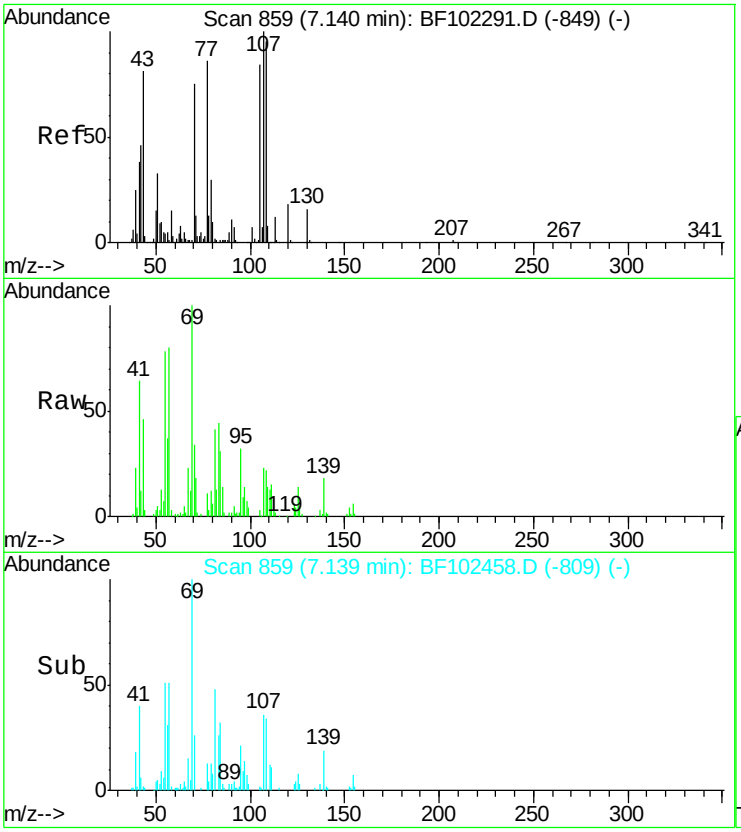


#18
Hexachloroethane
Concen: 19.161 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:117 Resp: 62769

Ion	Ratio	Lower	Upper
117	100		
119	479.4	75.8	113.8#
201	0.0	75.7	113.5#



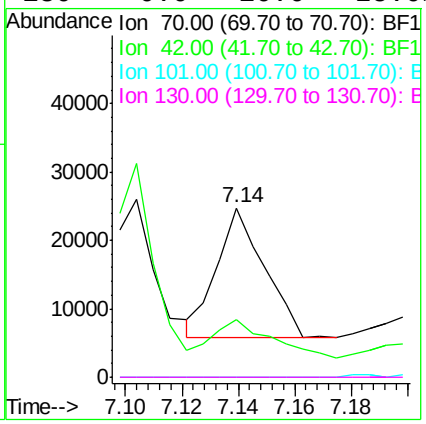


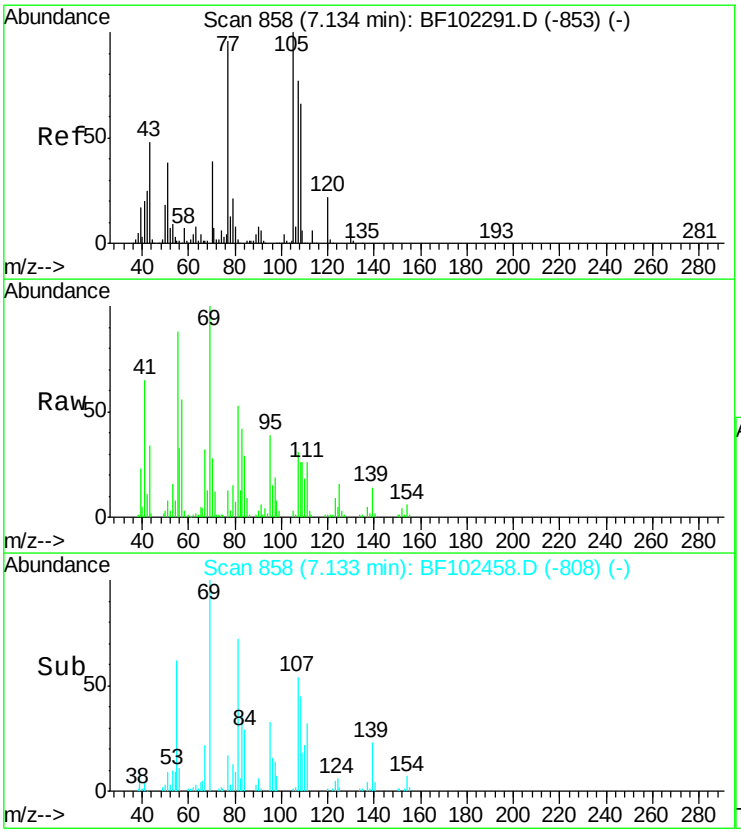
#19
n-Nitroso-di-n-propylamine
Concen: 3.972 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion: 70 Resp: 22061

Ion	Ratio	Lower	Upper
70	100		
42	34.3	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

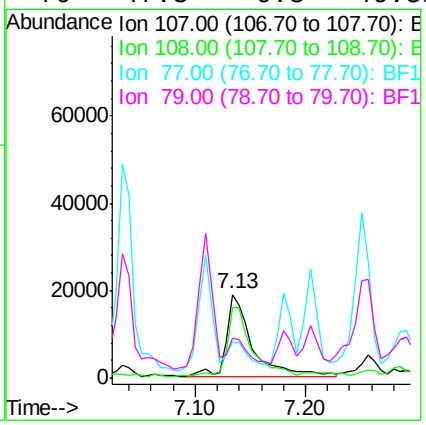


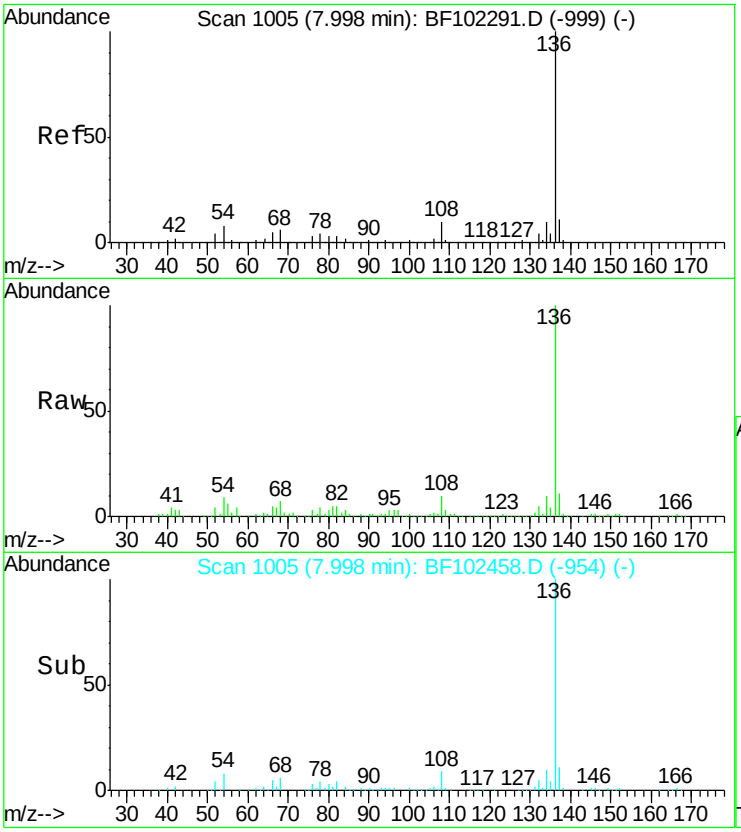


#20
3+4-Methylphenols
Concen: 3.791 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:107 Resp: 30556

Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.2	108.2
77	42.7	26.7	66.7
79	47.3	6.3	46.3#



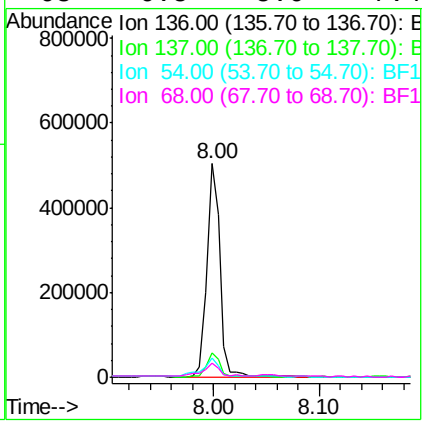


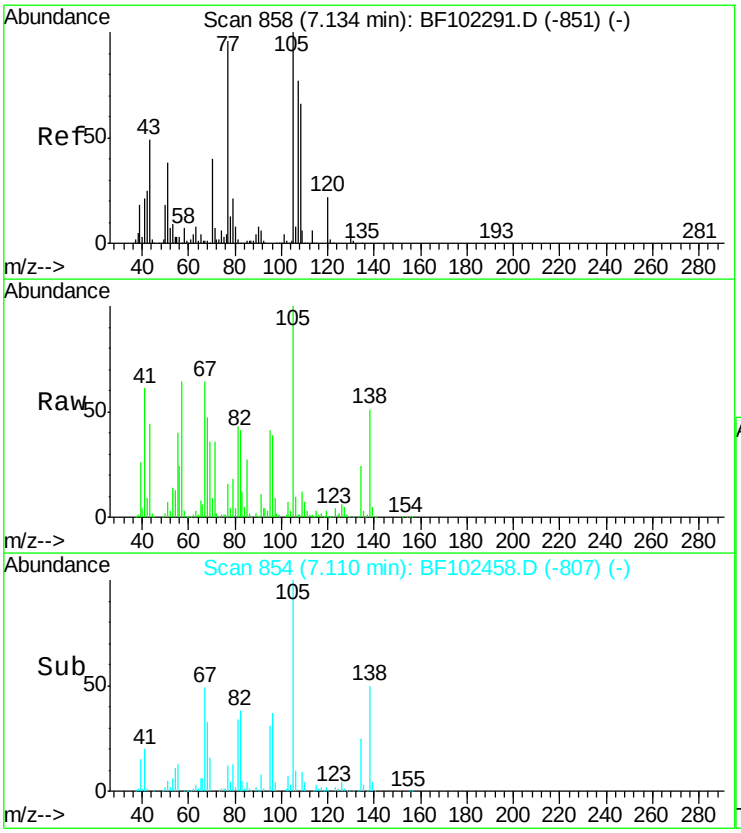
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:136 Resp: 437651

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.5	5.0	7.4

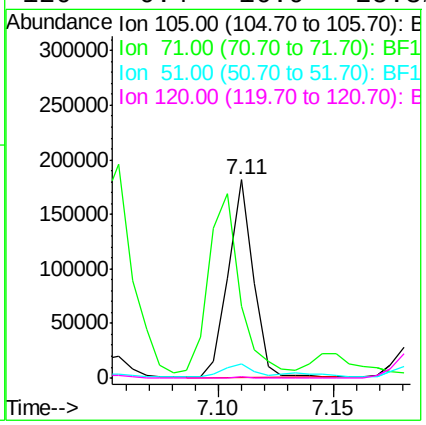


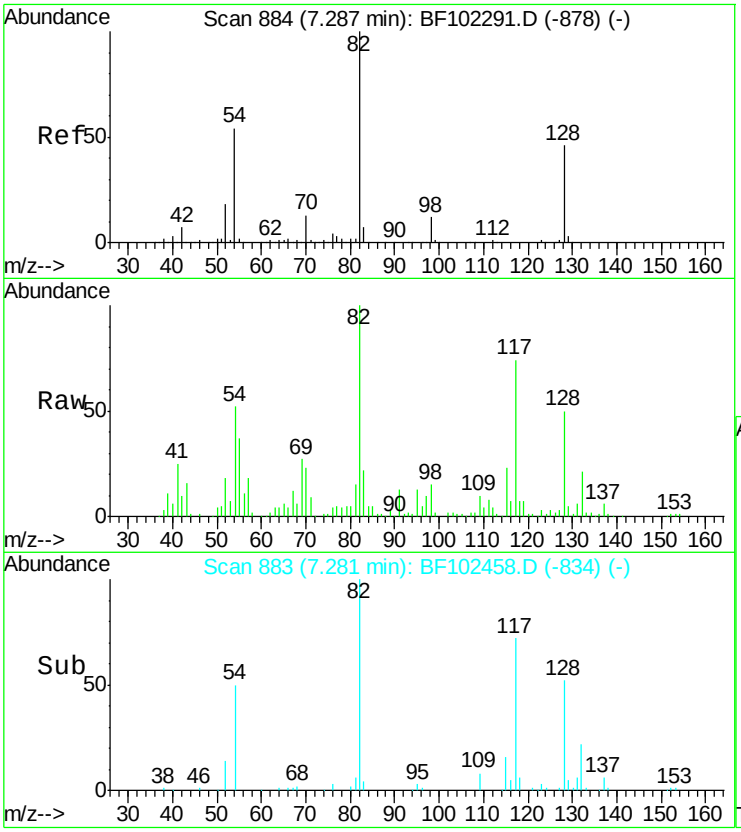


#22
Acetophenone
Concen: 13.179 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:105 Resp: 137495

Ion	Ratio	Lower	Upper
105	100		
71	36.3	4.4	6.6#
51	7.0	22.3	33.5#
120	0.4	16.9	25.3#



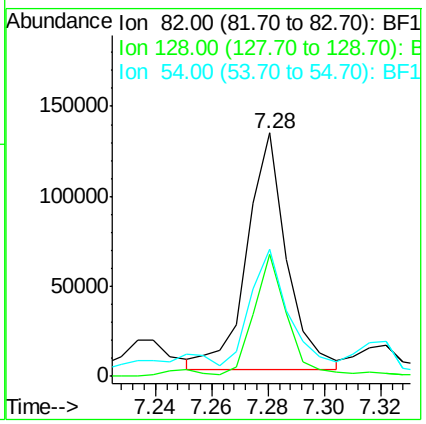


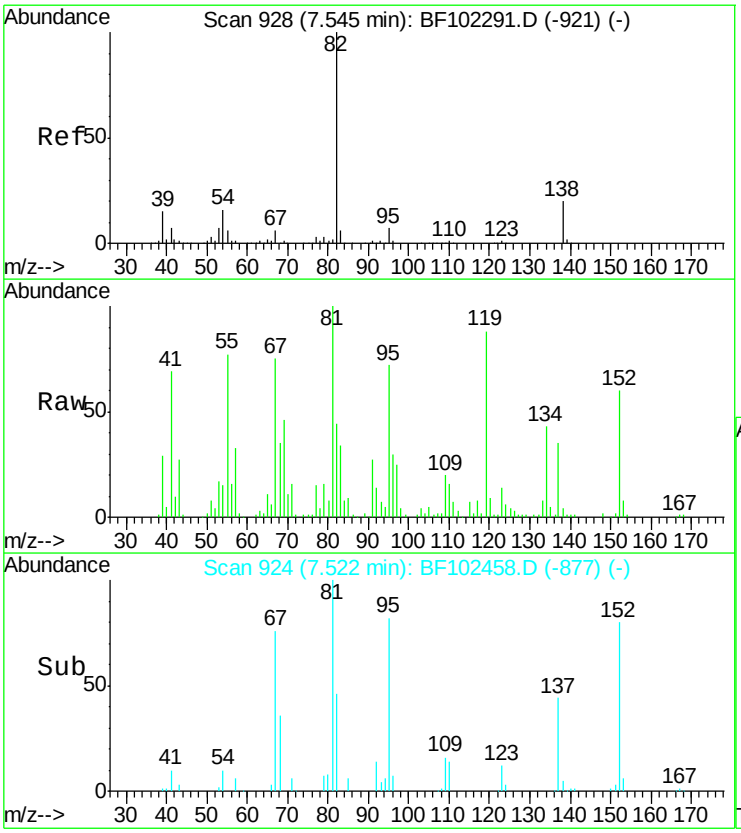
#23
Nitrobenzene-d5
Concen: 16.797 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion: 82 Resp: 127922

Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	52.4	41.4	62.2

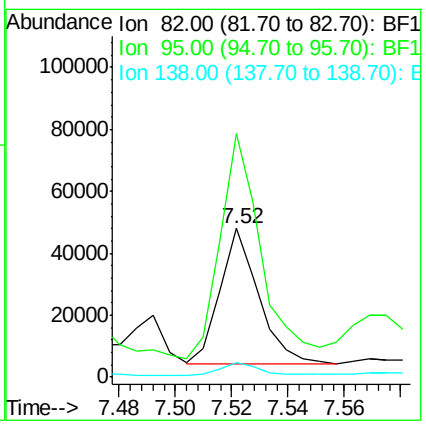


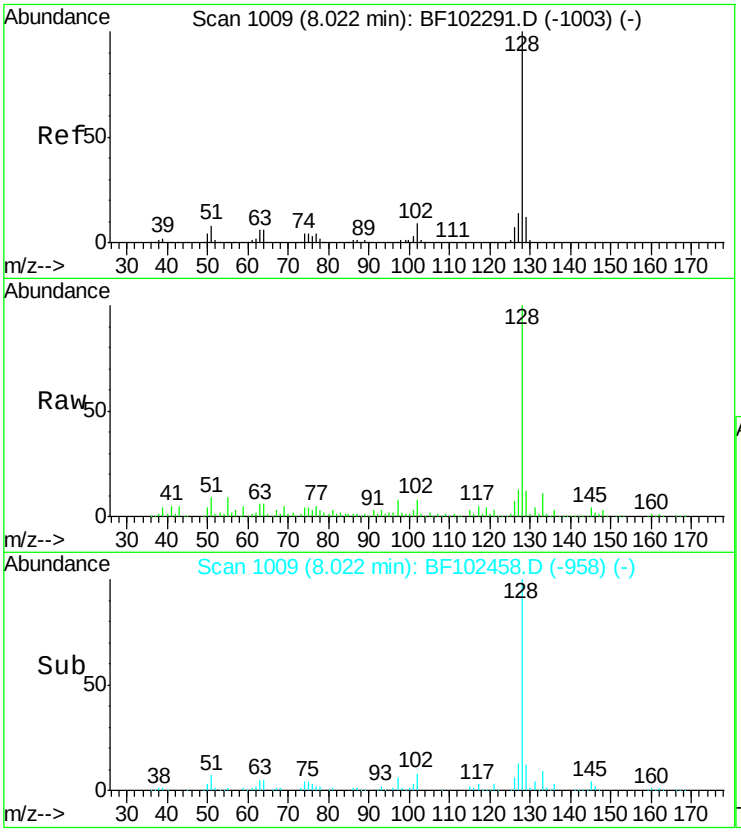


#25
Isophorone
Concen: 3.029 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion: 82 Resp: 41120

Ion	Ratio	Lower	Upper
82	100		
95	163.9	5.2	7.8#
138	10.0	14.9	22.3#



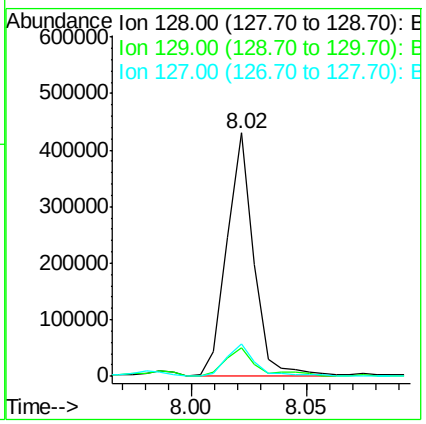


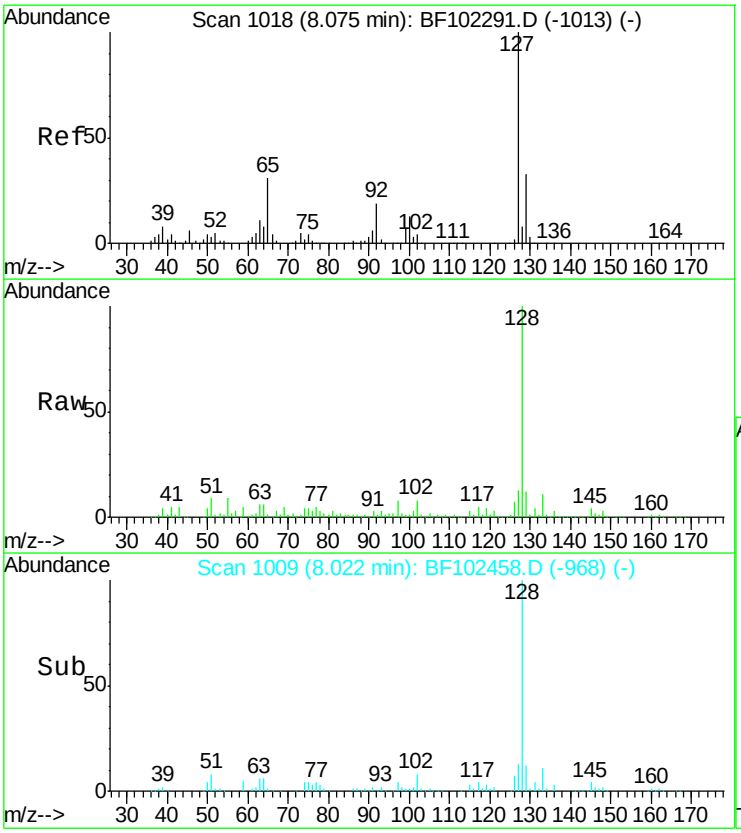
#31
Naphthalene
Concen: 15.688 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:128 Resp: 342795

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.4	10.9	16.3

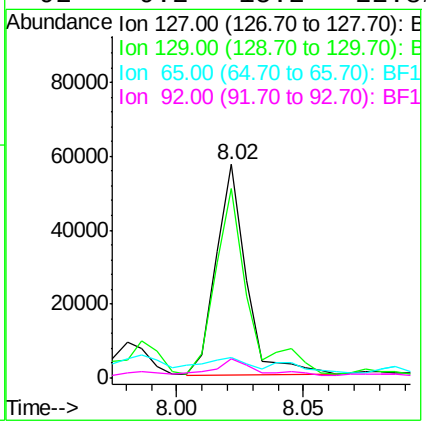


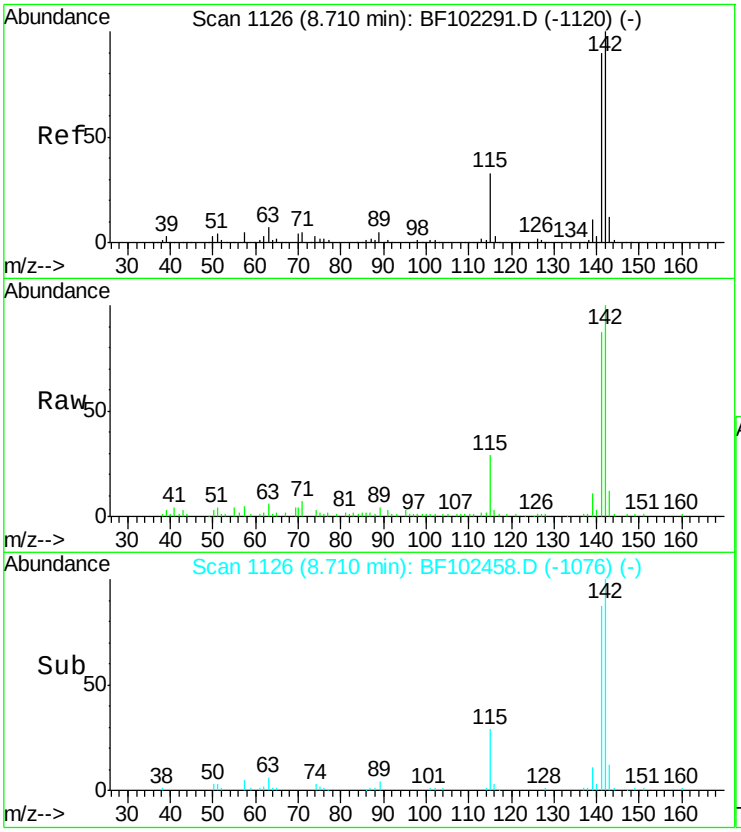


#33
4-Chloroaniline
Concen: 5.160 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:127 Resp: 47416

Ion	Ratio	Lower	Upper
127	100		
129	88.9	25.9	38.9#
65	9.3	25.0	37.4#
92	9.2	15.2	22.8#



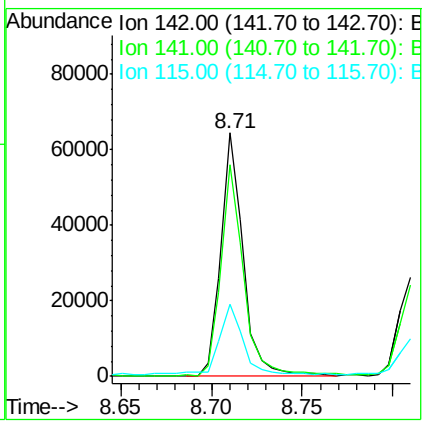


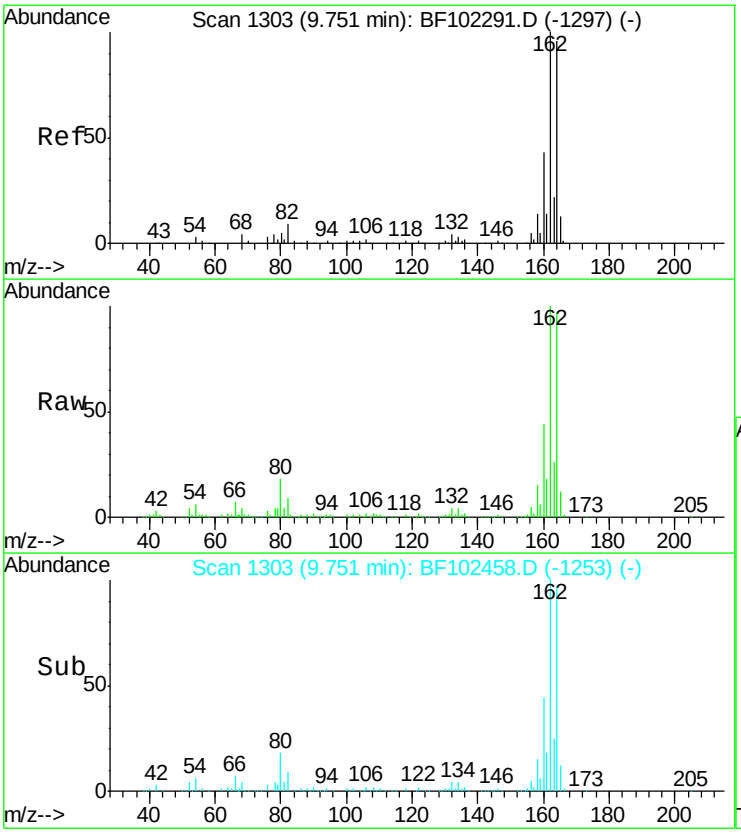
#37
2-Methylnaphthalene
Concen: 3.819 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:142 Resp: 55571

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	29.5	26.1	39.1

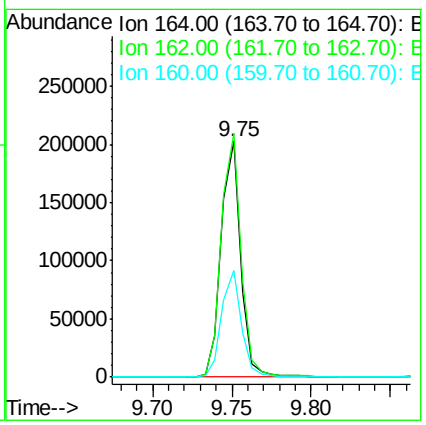


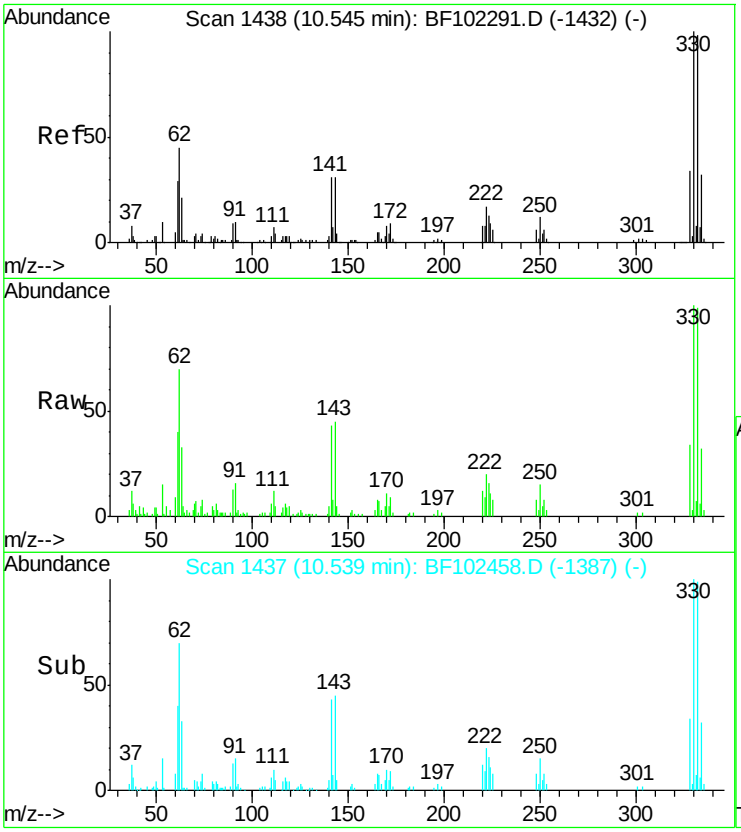


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:164 Resp: 173715

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.4	38.3	57.5



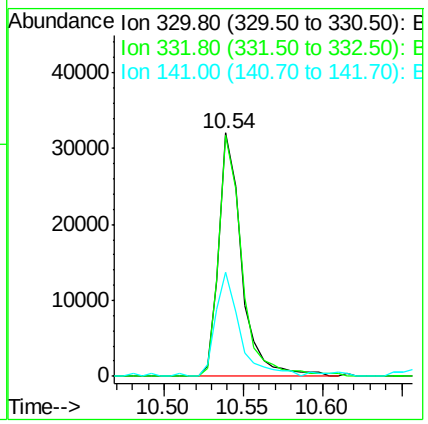


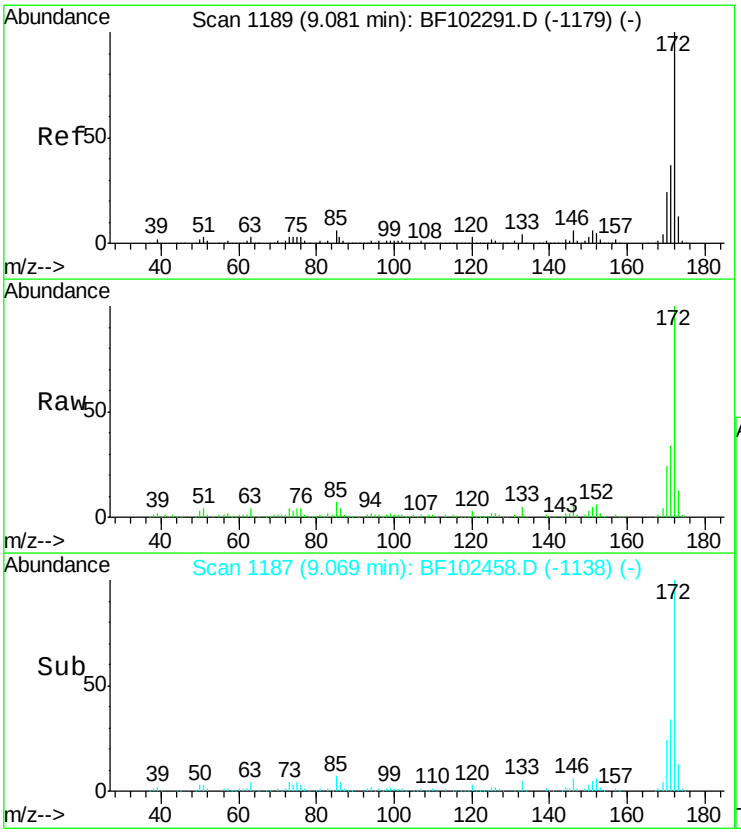
#41
2,4,6-Tribromophenol
Concen: 18.823 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:330 Resp: 32399

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.0	115.6
141	44.8	29.9	44.9

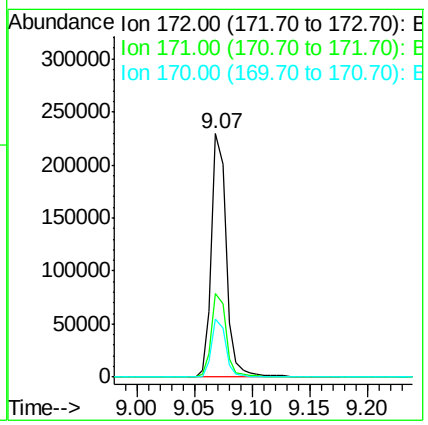


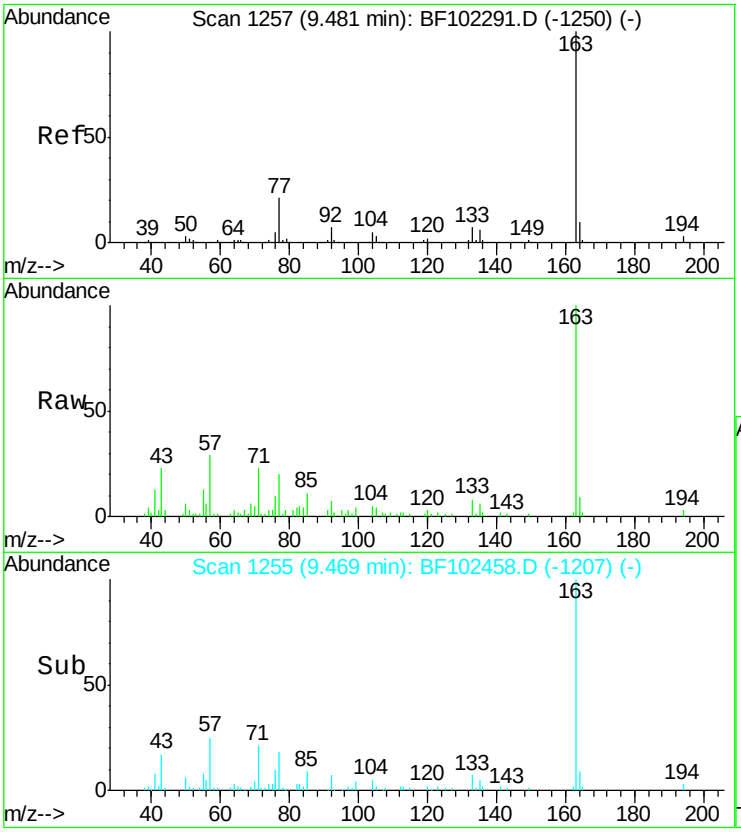


#44
2-Fluorobiphenyl
Concen: 17.504 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:172 Resp: 206799

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	24.0	19.6	29.4



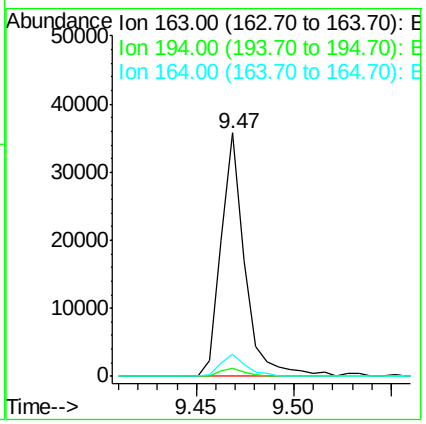


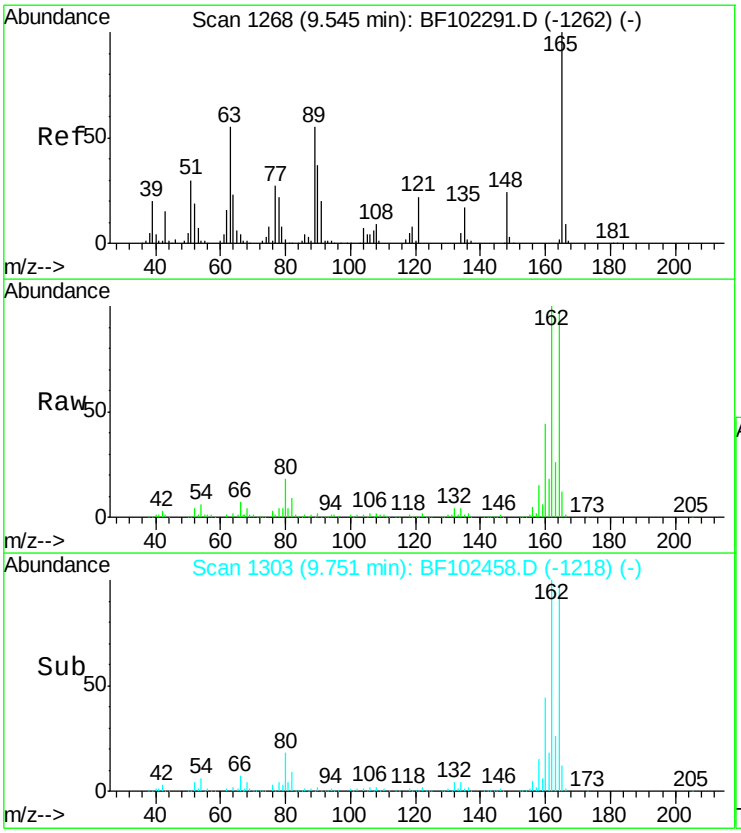
#49
Dimethylphthalate
Concen: 2.106 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:163 Resp: 30235

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.2	8.2	12.2

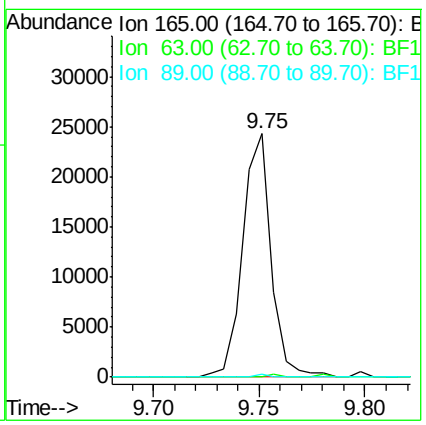


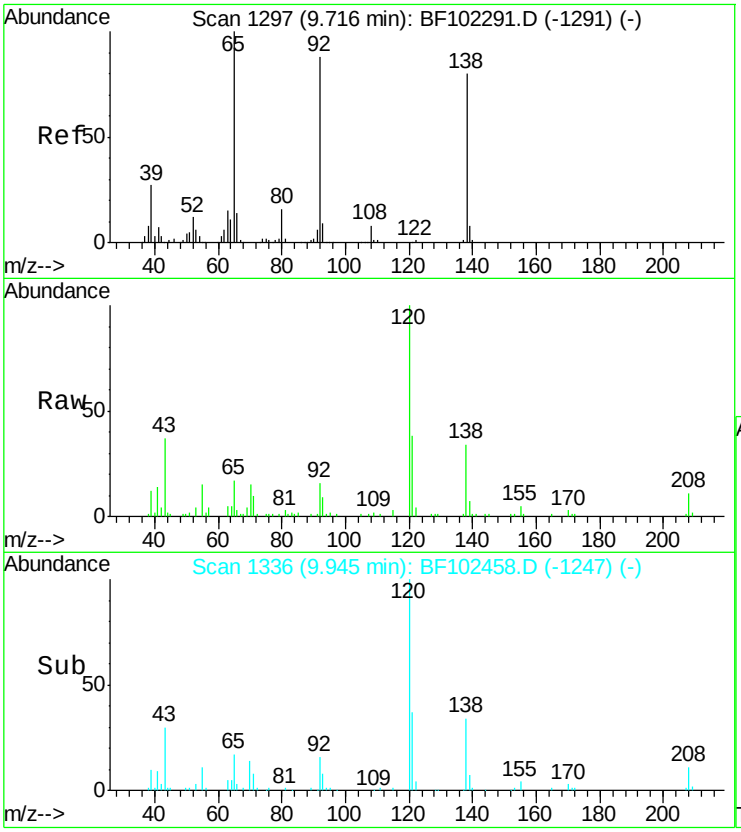


#50
2,6-Dinitrotoluene
Concen: 7.304 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:165 Resp: 22612

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



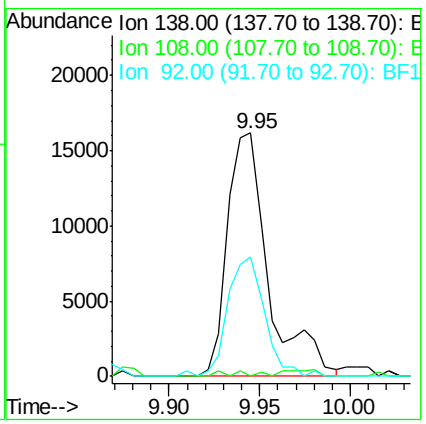


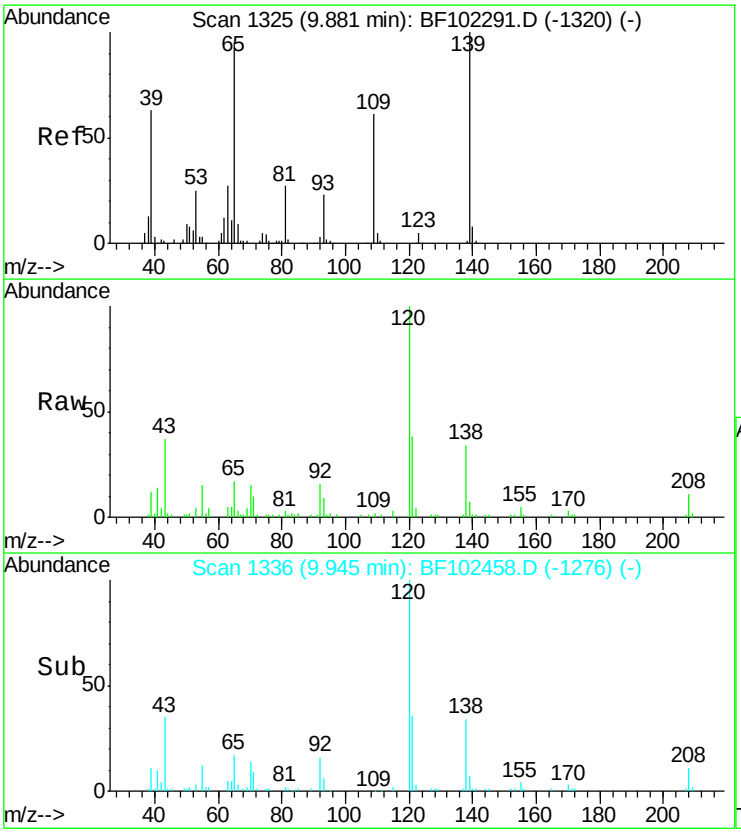
#52
3-Nitroaniline
Concen: 6.967 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.22 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:138 Resp: 25515

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	48.8	89.4	134.2#

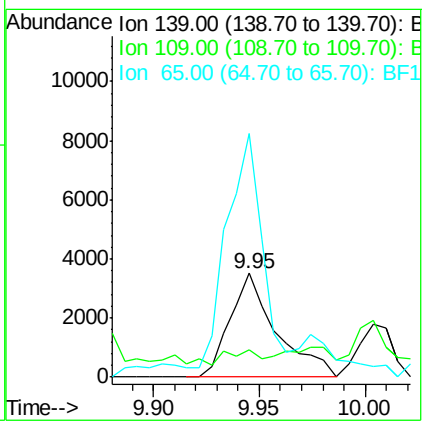


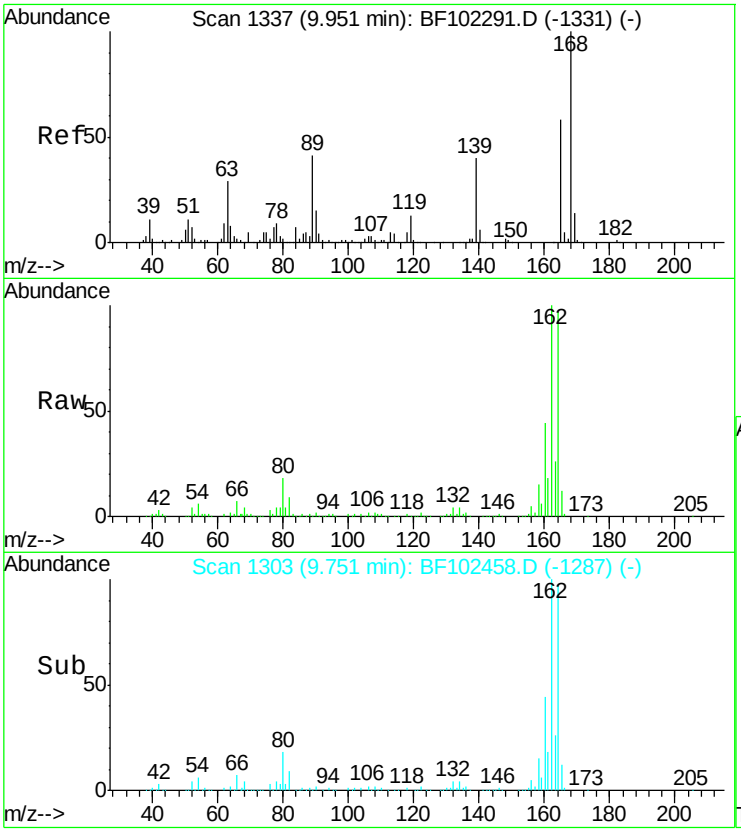


#55
4-Nitrophenol
Concen: 2.197 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:139 Resp: 5311

Ion	Ratio	Lower	Upper
139	100		
109	25.7	48.4	88.4#
65	234.1	72.6	112.6#



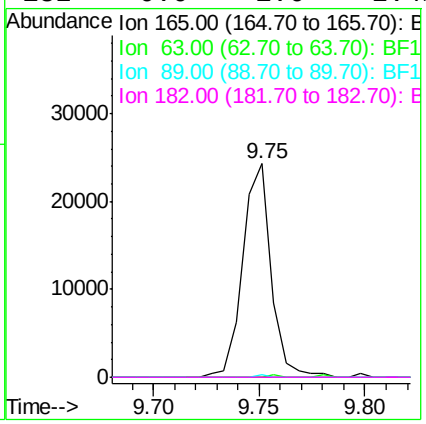


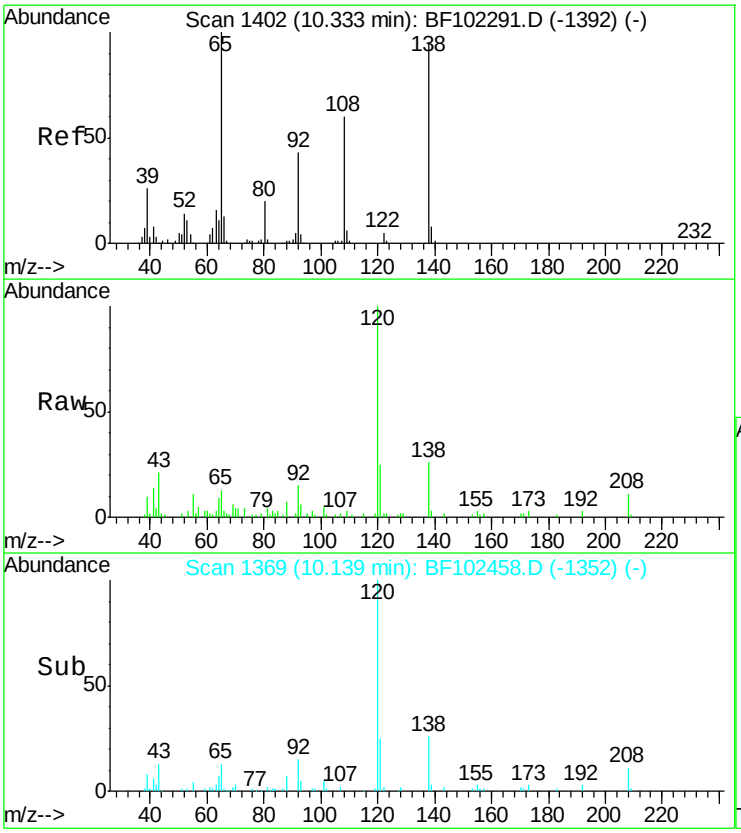
#56
2,4-Dinitrotoluene
Concen: 5.940 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:165 Resp: 22612

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

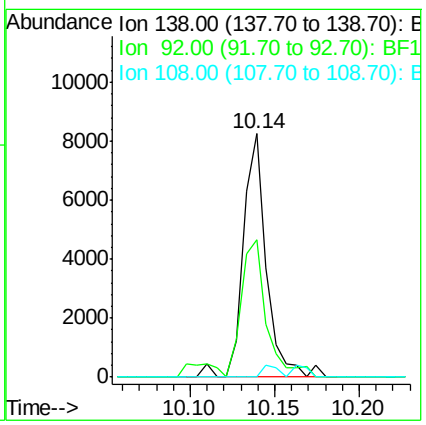


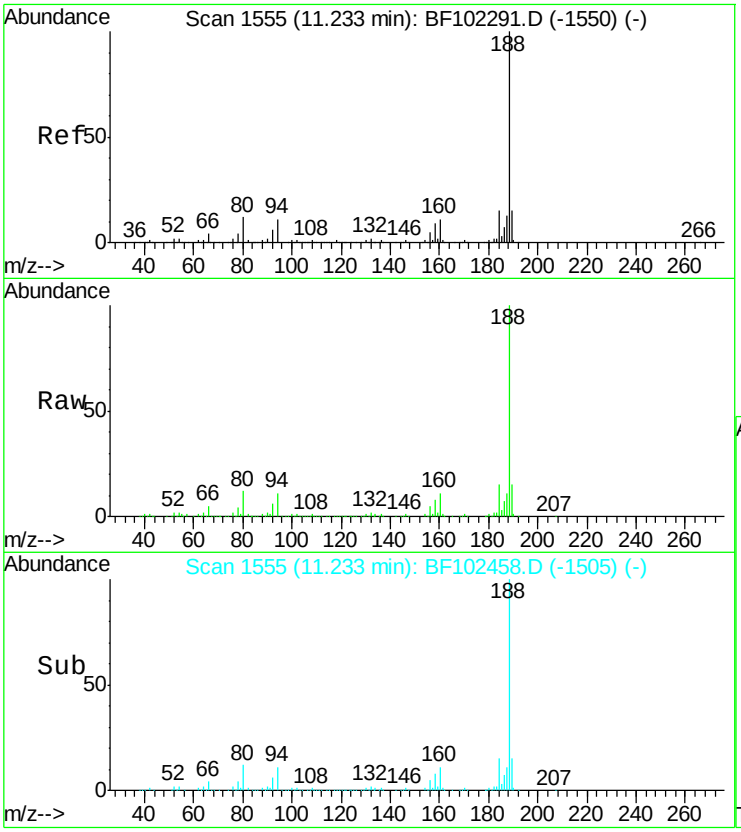


#61
4-Nitroaniline
Concen: 2.149 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.20 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:138 Resp: 7855

Ion	Ratio	Lower	Upper
138	100		
92	56.4	30.2	70.2
108	0.0	52.5	92.5#



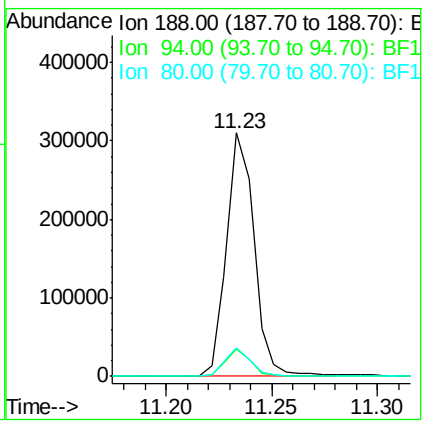


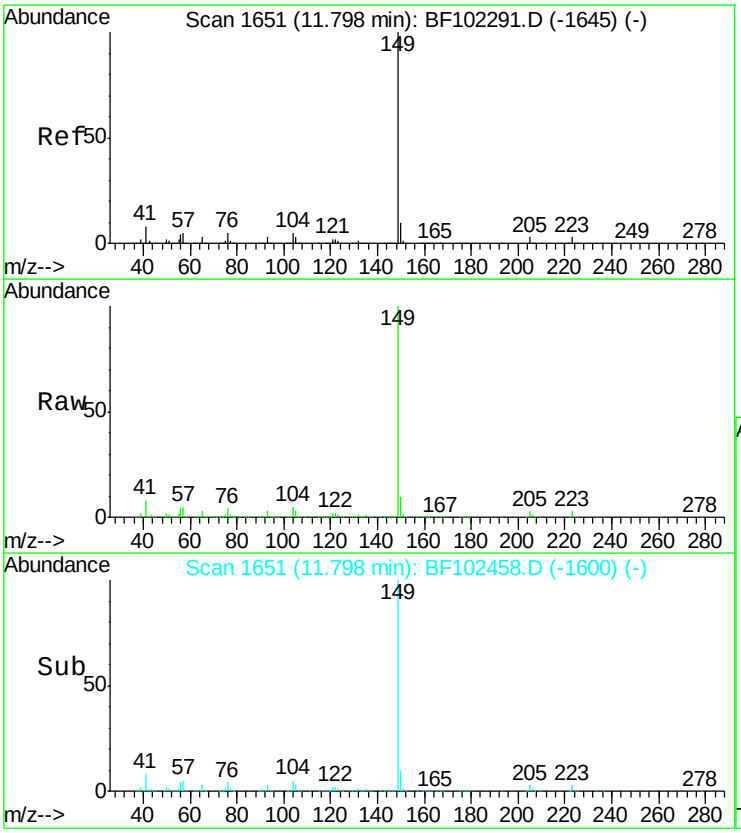
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:188 Resp: 280786

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.5	9.2	13.8

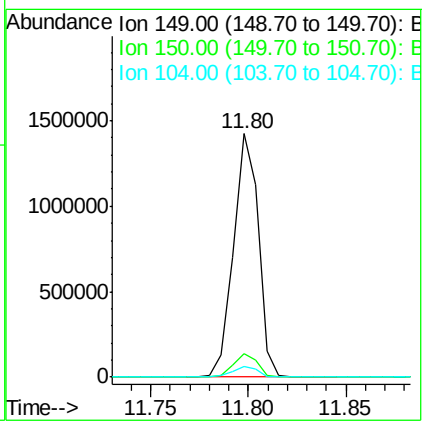


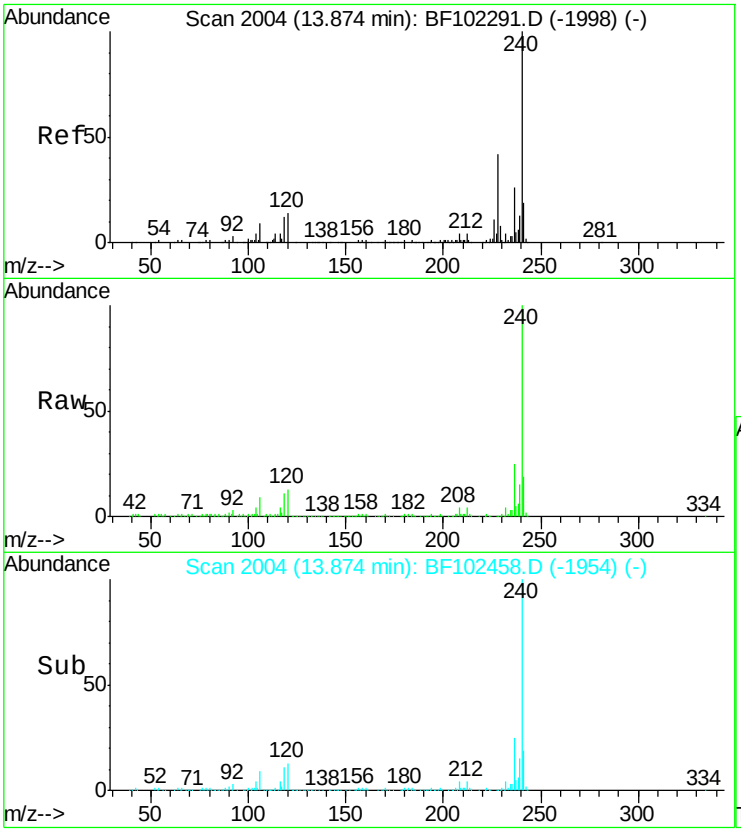


#73
Di-n-butylphthalate
Concen: 61.859 ng
RT: 11.80 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:149 Resp: 1259789

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.5	3.8	5.8



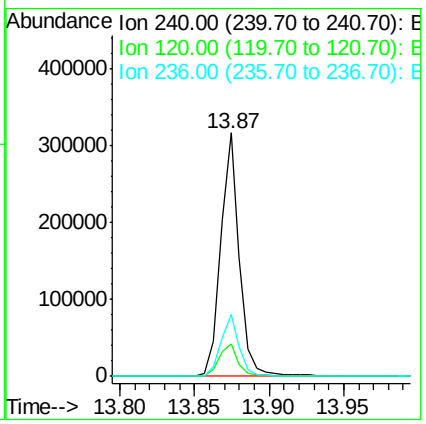


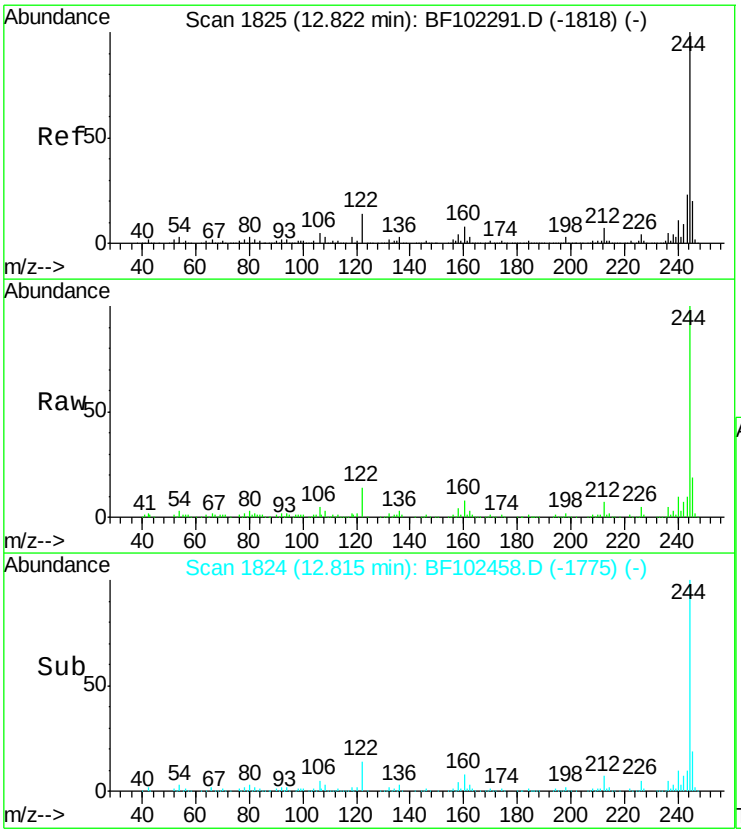
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:240 Resp: 278795

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.3	20.7	31.1

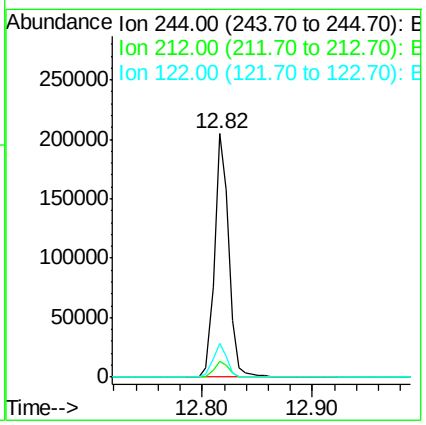


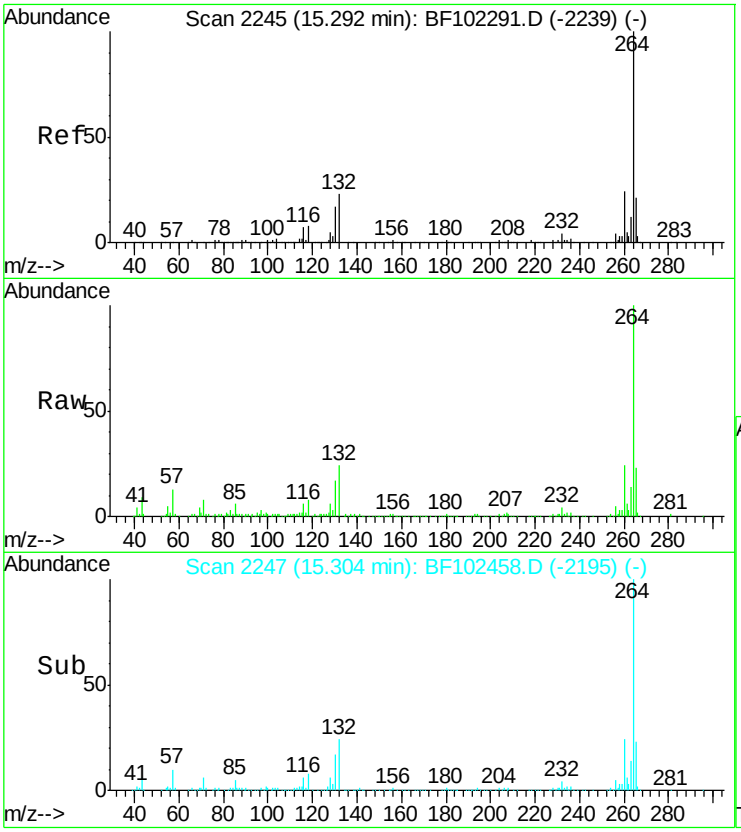


#78
Terphenyl-d14
Concen: 14.657 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Tgt Ion:244 Resp: 181264

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102458.D
Acq: 26 Jan 2018 8:21

Instrument :
BNA_F
ClientSampleId :
20A-5DL

Tgt Ion:264 Resp: 221551

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3