Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102378.D
Acq On : 24 Jan 2018 8:50
Operator : SJ/JU
Sample : J1239-10DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 10:06:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126210	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	523489	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	224397	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	338360	20.00	ng		0.00
75) Chrysene-d12	13.87	240	255930	20.00	ng		0.00
86) Perylene-d12	15.29	264	235253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	209886	25.22	ng		0.00
7) Phenol-d6	6.35	99	231034	23.02	ng		0.00
23) Nitrobenzene-d5	7.27	82	174500	19.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	54404	24.47	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	351675	23.04	ng		-0.01
78) Terphenyl-d14	12.82	244	255381	22.50	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	382324	34.898	ng		98
15) Benzyl Alcohol	6.97	79	61407	8.673	ng	#	1
17) 2-Methylphenol	6.97	107	150399	19.847	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	21627	3.522	ng	#	81
20) 3+4-Methylphenols	7.13	107	399096	44.779	ng		86
25) Isophorone	7.27	82	171364	10.552	ng	#	64
27) 2,4-Dimethylphenol	7.66	122	85428	11.991	ng		96
31) Naphthalene	8.02	128	1129612	43.219	ng		100
32) Benzoic acid	7.79	122	121008	20.273	ng	#	12
33) 4-Chloroaniline	8.02	127	153677	13.982	ng	#	36
37) 2-Methylnaphthalene	8.71	142	90756	5.214	ng		98
49) Dimethylphthalate	9.75	163	62878	3.390	ng	#	1
50) 2,6-Dinitrotoluene	9.75	165	28722	7.182	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	28722	5.841	ng	#	24
70) Phenanthrene	11.26	178	44276	2.246	ng		97
71) Anthracene	11.26	178	44276	2.200	ng		98
72) Carbazole	11.47	167	82972	4.226	ng		97

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

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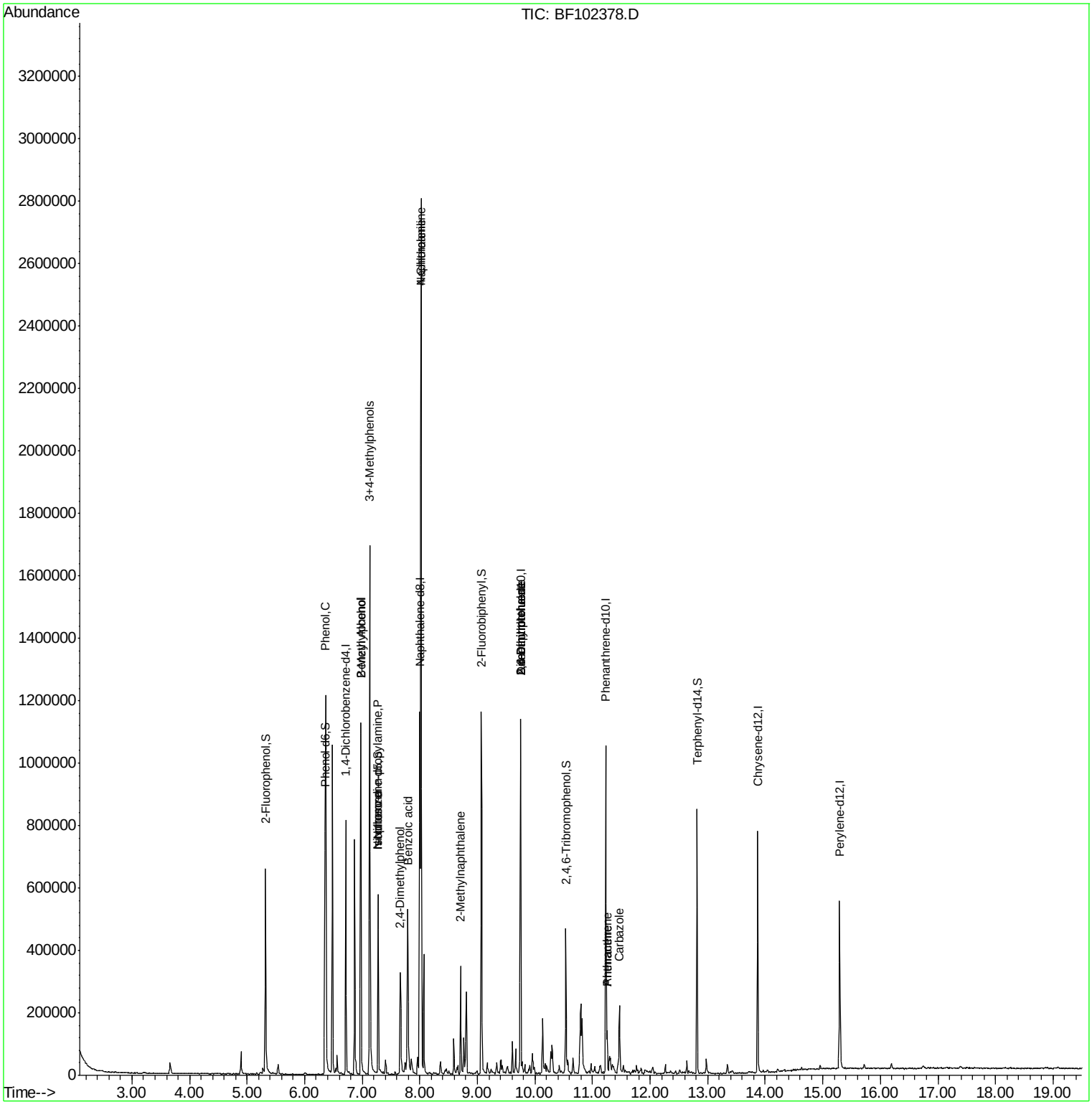
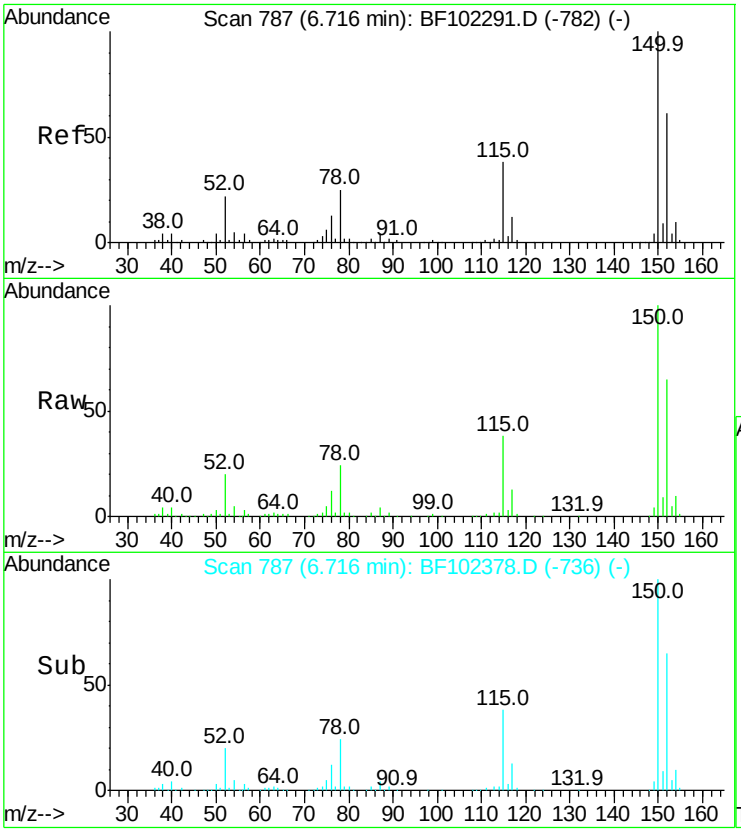
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration



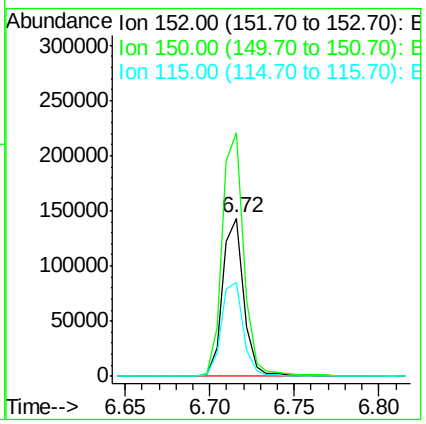


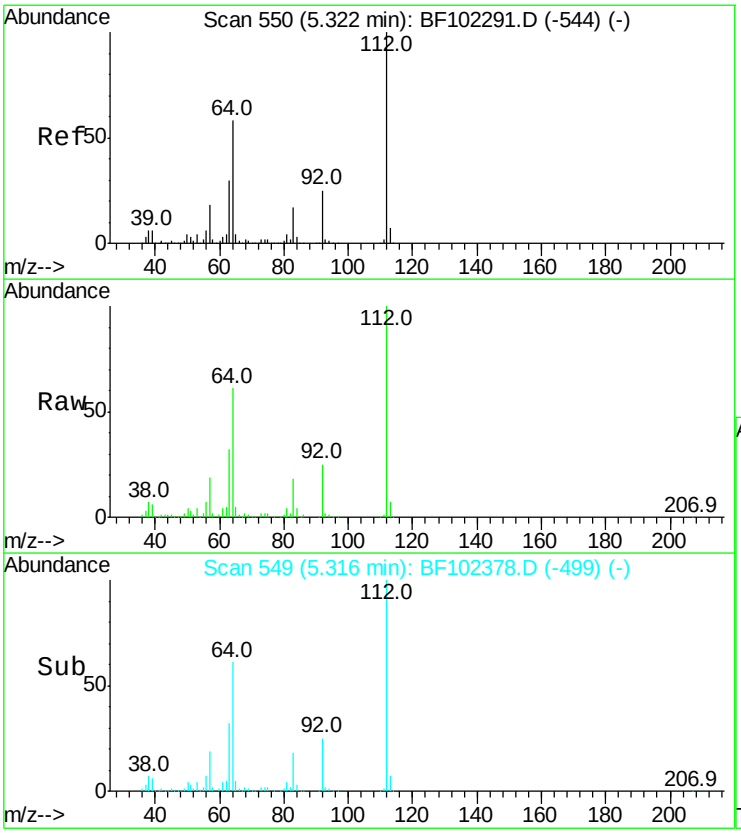
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126210

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.9	50.1	75.1

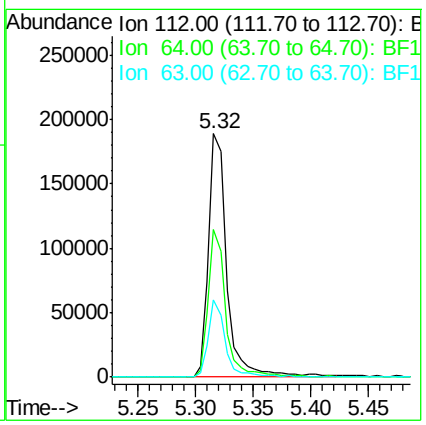


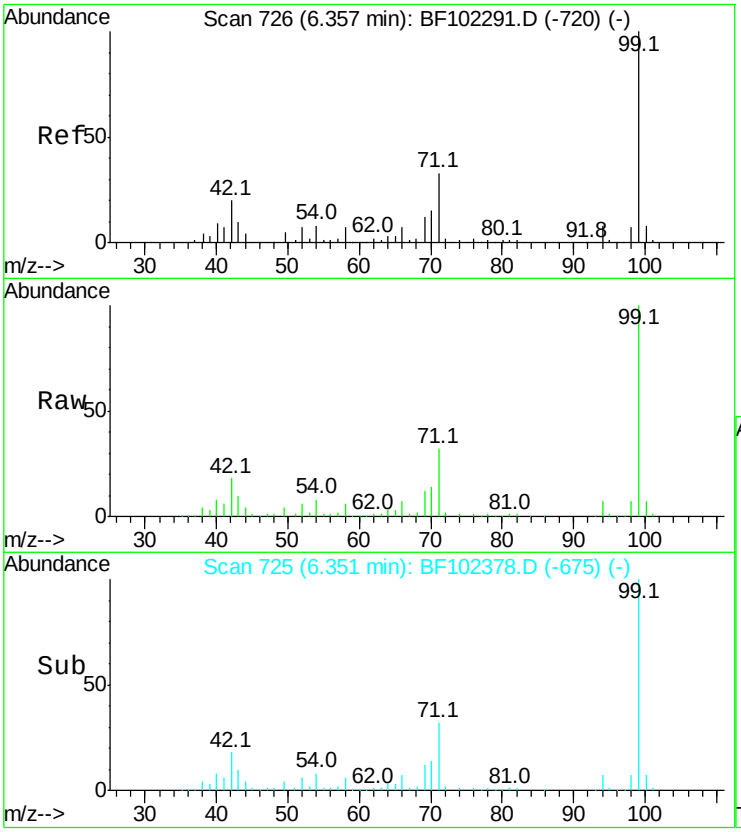


#5
2-Fluorophenol
Concen: 25.215 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:112 Resp: 209886

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.6	23.7	35.5



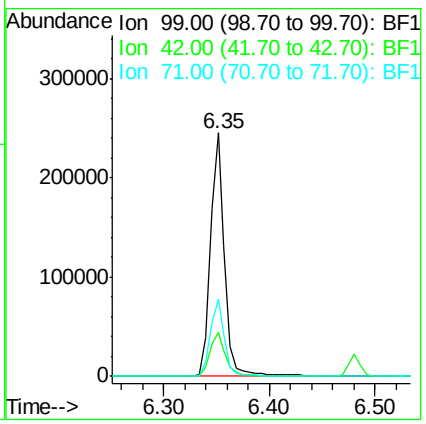


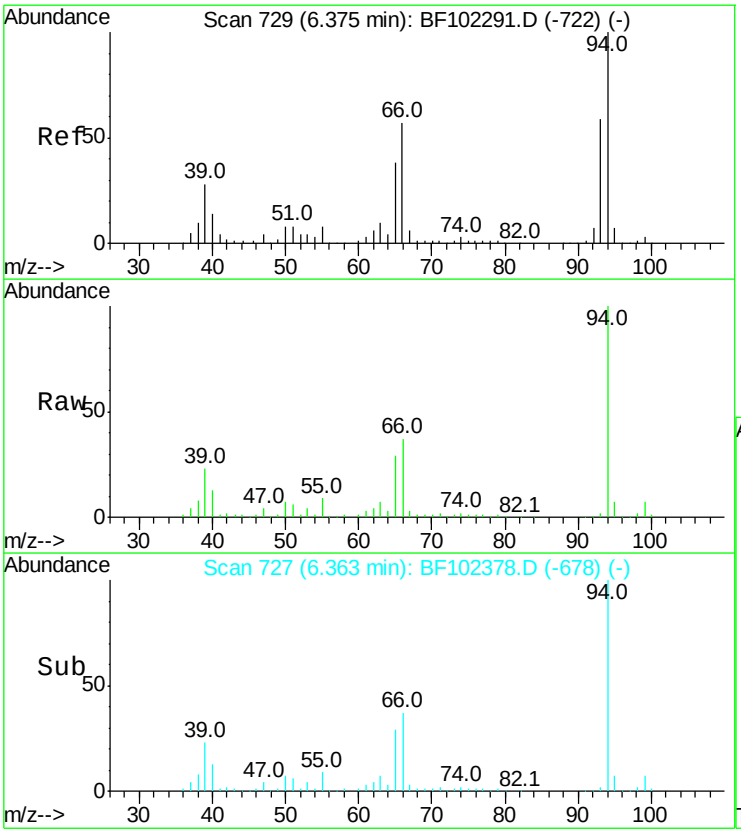
#7
Phenol-d6
Concen: 23.023 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 231034

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	31.6	25.4	38.0

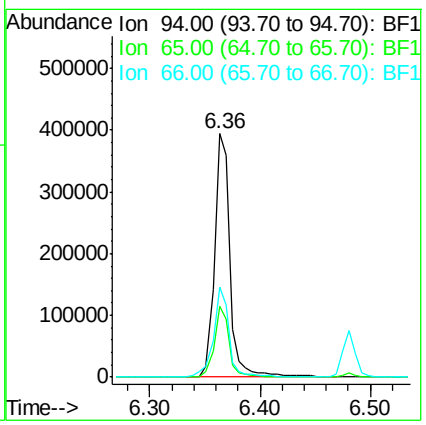


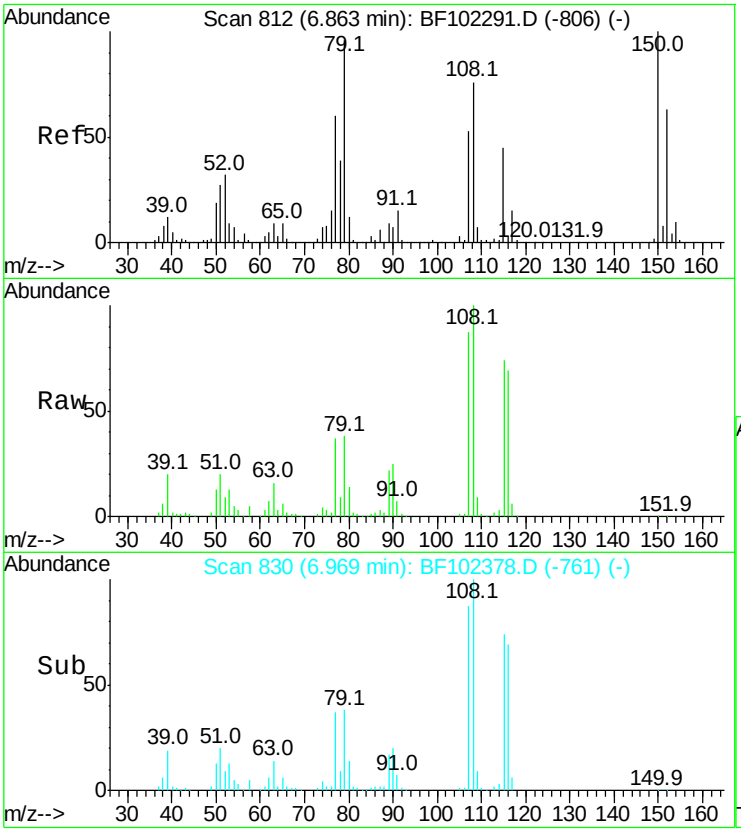


#10
Phenol
Concen: 34.898 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion: 94 Resp: 382324

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	37.1	16.2	56.2



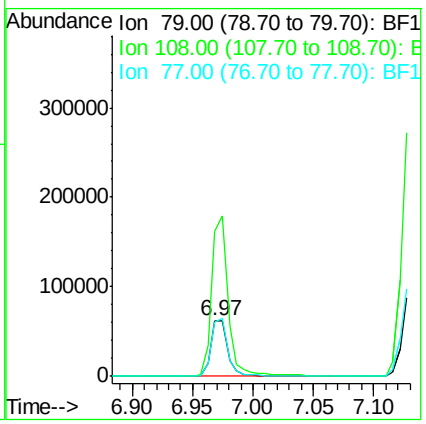


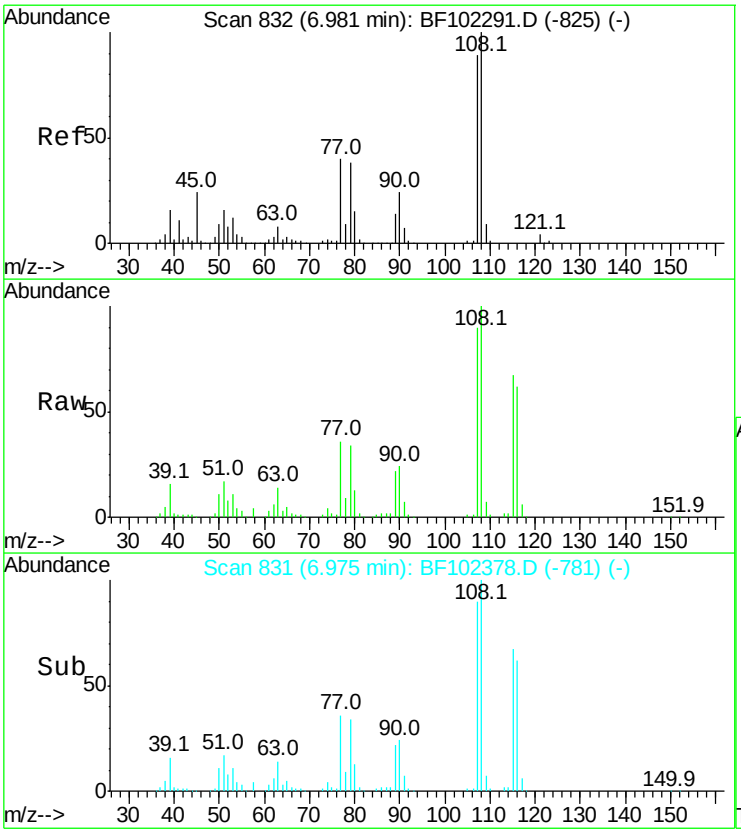
#15
Benzyl Alcohol
Concen: 8.673 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.11 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 61407

Ion	Ratio	Lower	Upper
79	100		
108	260.1	65.1	97.7#
77	97.1	50.6	75.8#

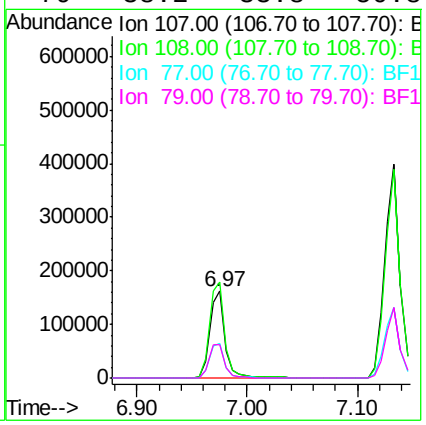


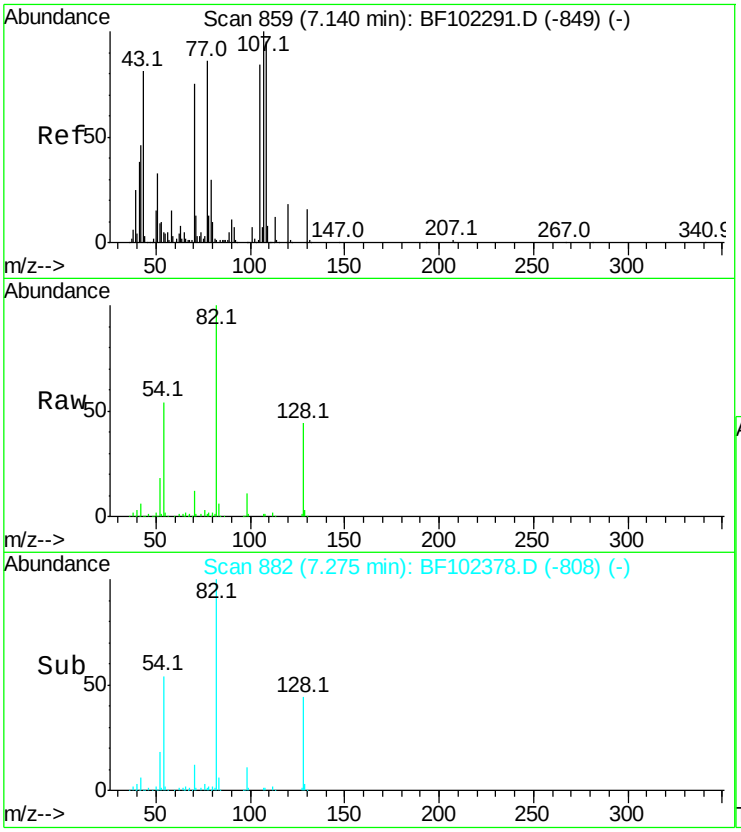


#17
2-Methylphenol
Concen: 19.847 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:107 Resp: 150399

Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	39.9	33.8	50.8
79	38.2	33.8	50.8



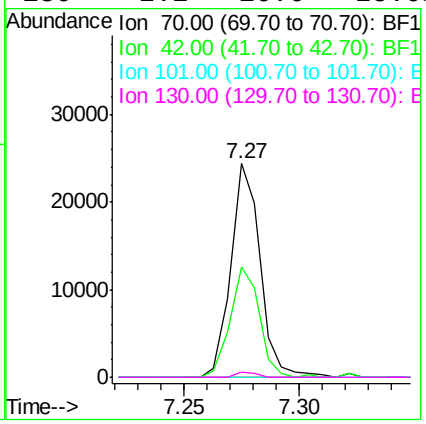


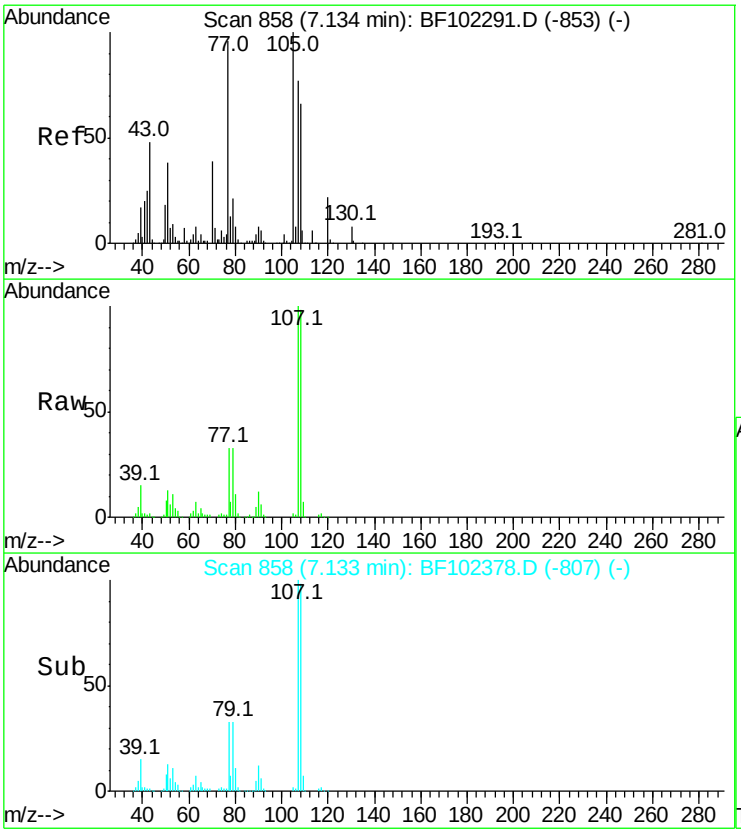
#19
n-Nitroso-di-n-propylamine
Concen: 3.522 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 21627

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

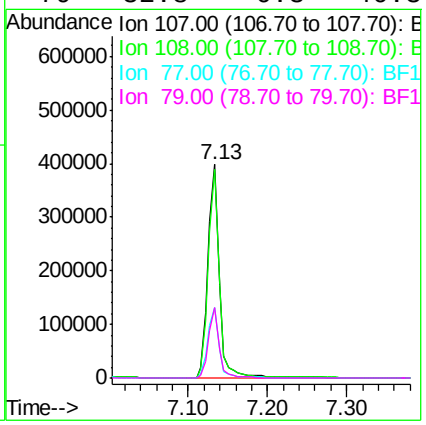


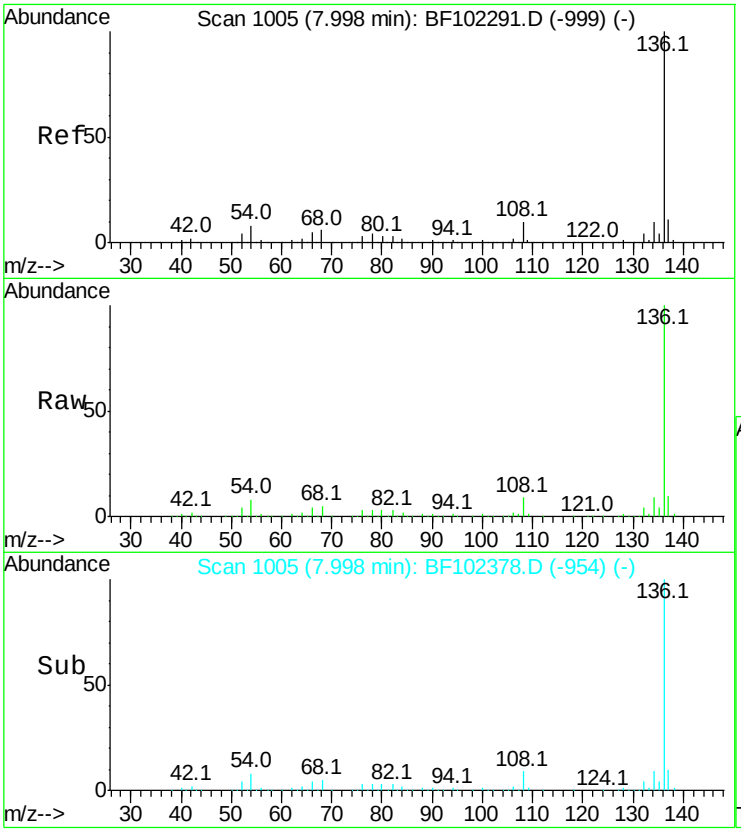


#20
3+4-Methylphenols
Concen: 44.779 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:107 Resp: 399096

Ion	Ratio	Lower	Upper
107	100		
108	97.9	68.2	108.2
77	33.0	26.7	66.7
79	32.8	6.3	46.3



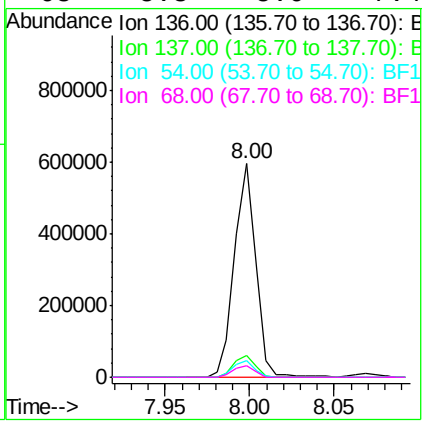


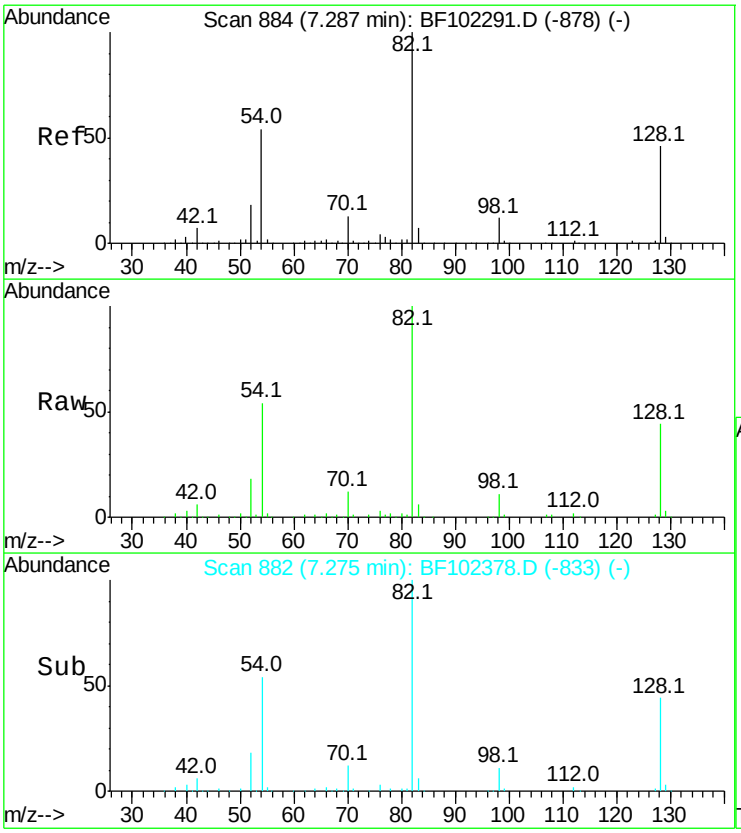
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 523489

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.9	6.6	9.8
68	5.3	5.0	7.4

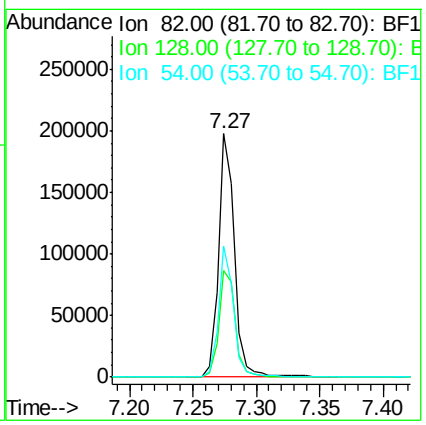


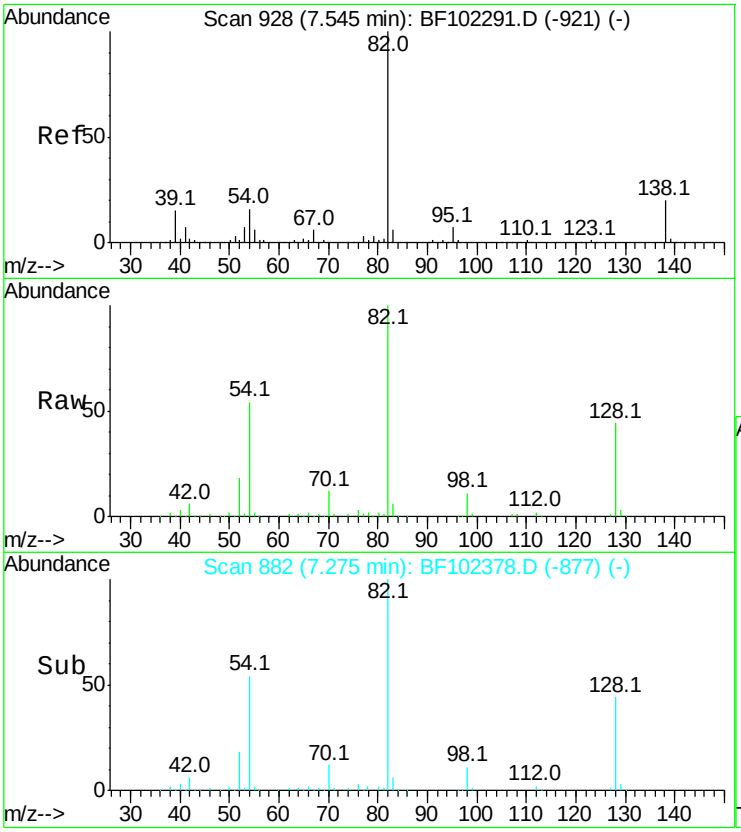


#23
Nitrobenzene-d5
Concen: 19.156 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion: 82 Resp: 174500

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	53.9	41.4	62.2



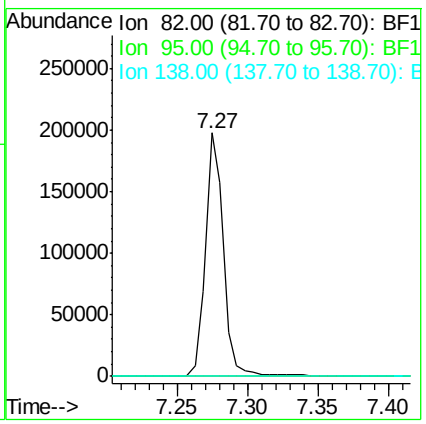


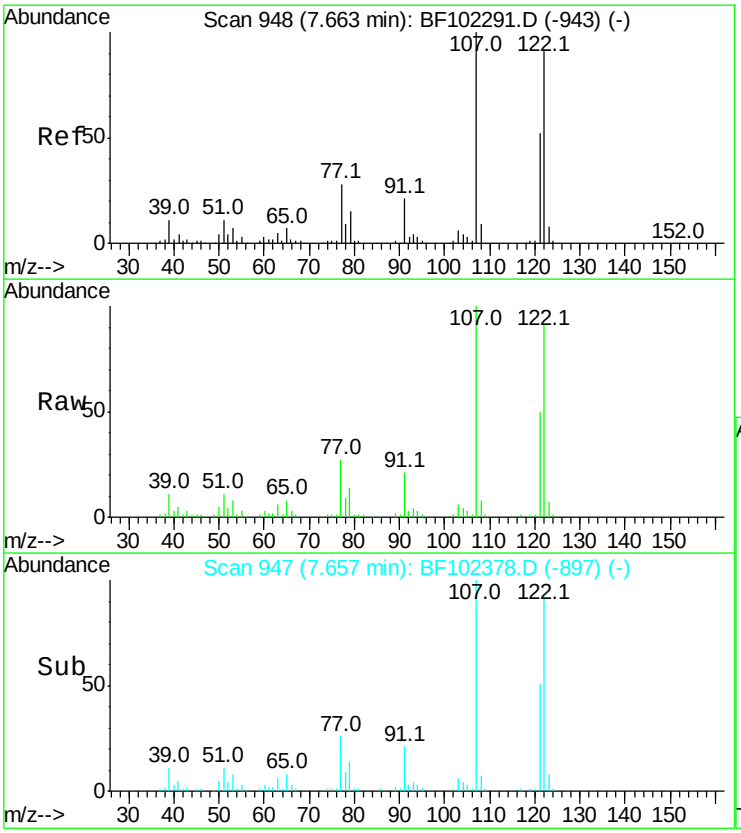
#25
Isophorone
Concen: 10.552 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 171364

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

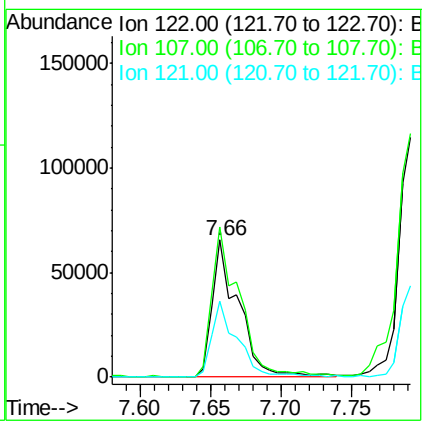


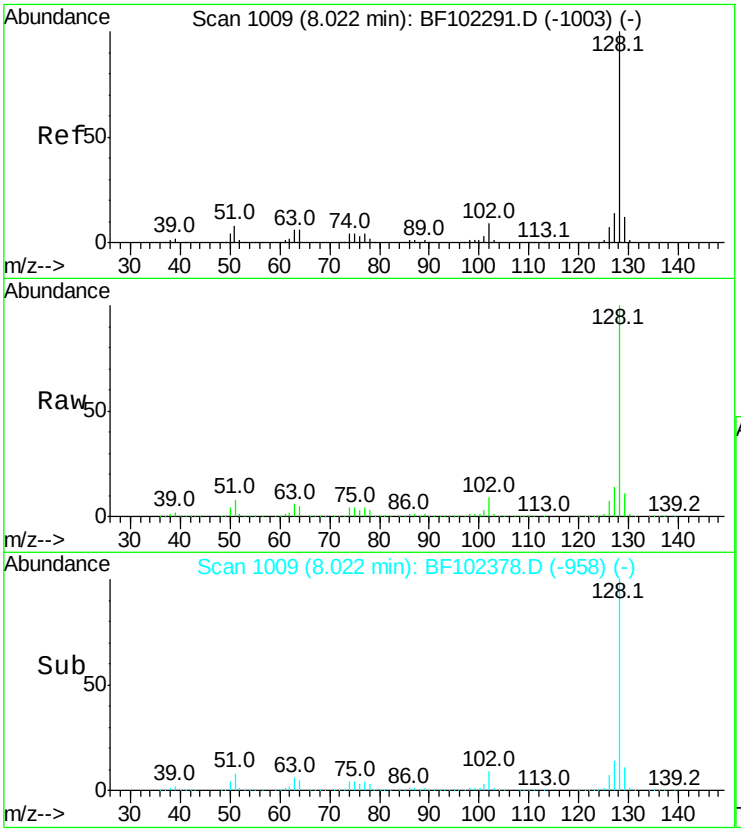


#27
2,4-Dimethylphenol
Concen: 11.991 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:122 Resp: 85428

Ion	Ratio	Lower	Upper
122	100		
107	109.6	91.2	136.8
121	55.3	47.2	70.8



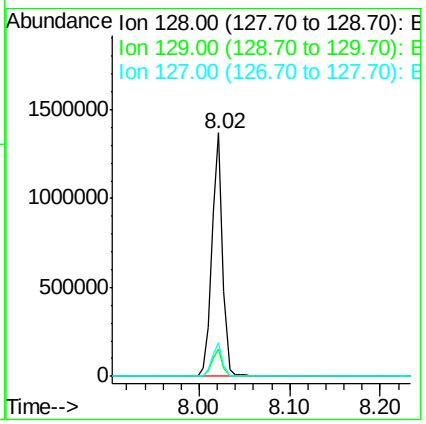


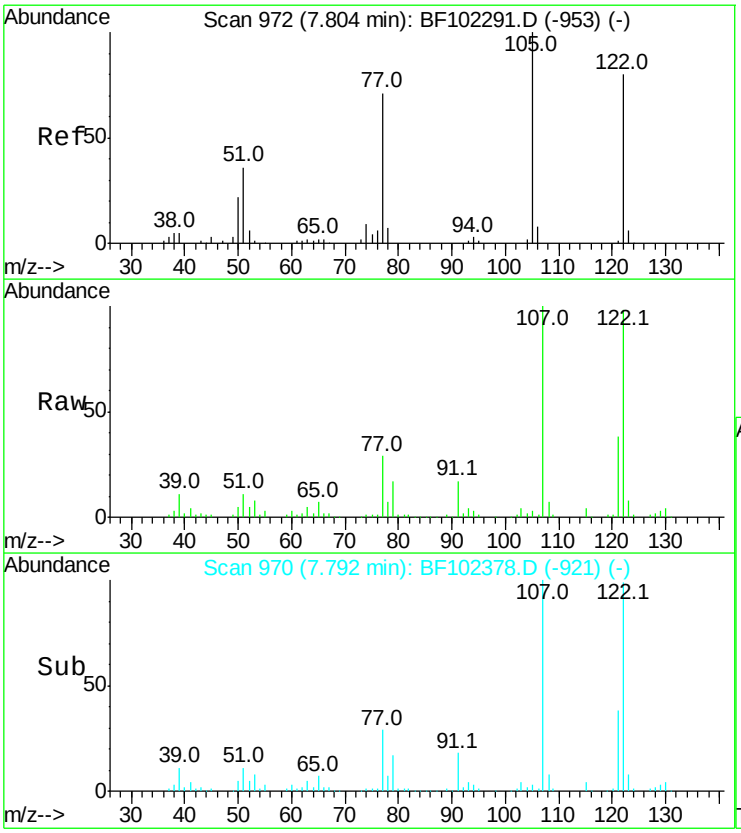
#31
Naphthalene
Concen: 43.219 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1129612

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.9	10.9	16.3

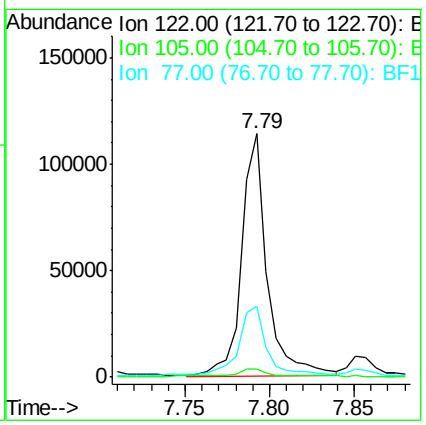


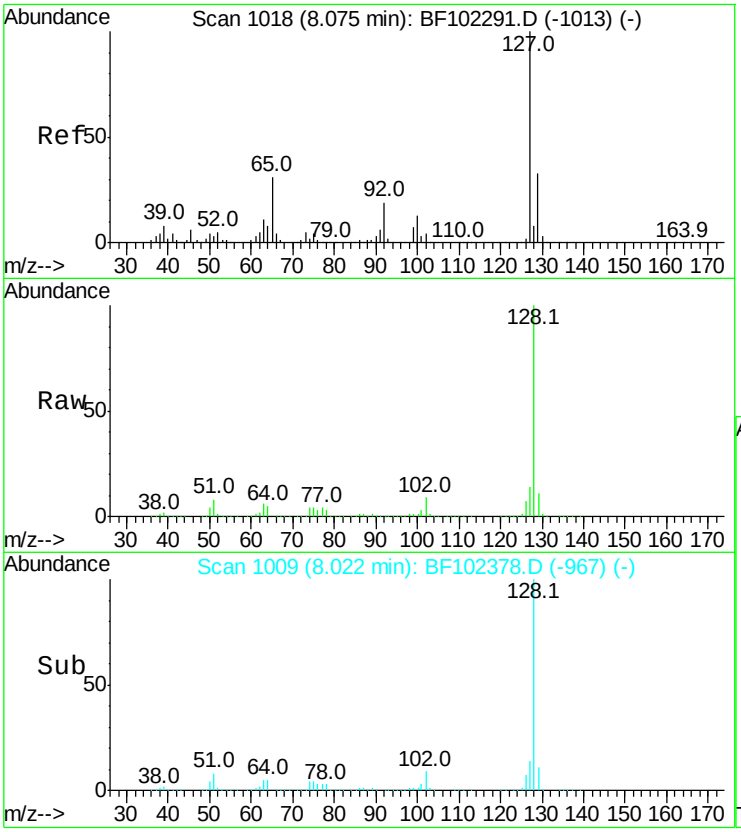


#32
Benzoic acid
Concen: 20.273 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:122 Resp: 121008

Ion	Ratio	Lower	Upper
122	100		
105	3.5	101.1	141.1#
77	29.3	70.7	110.7#



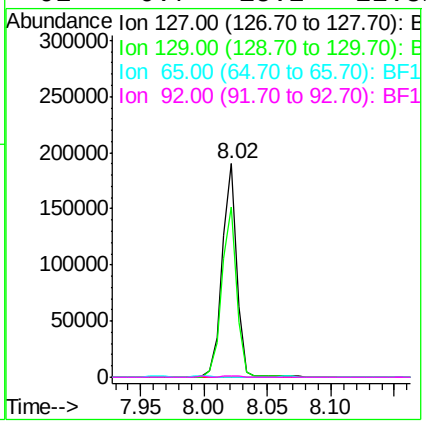


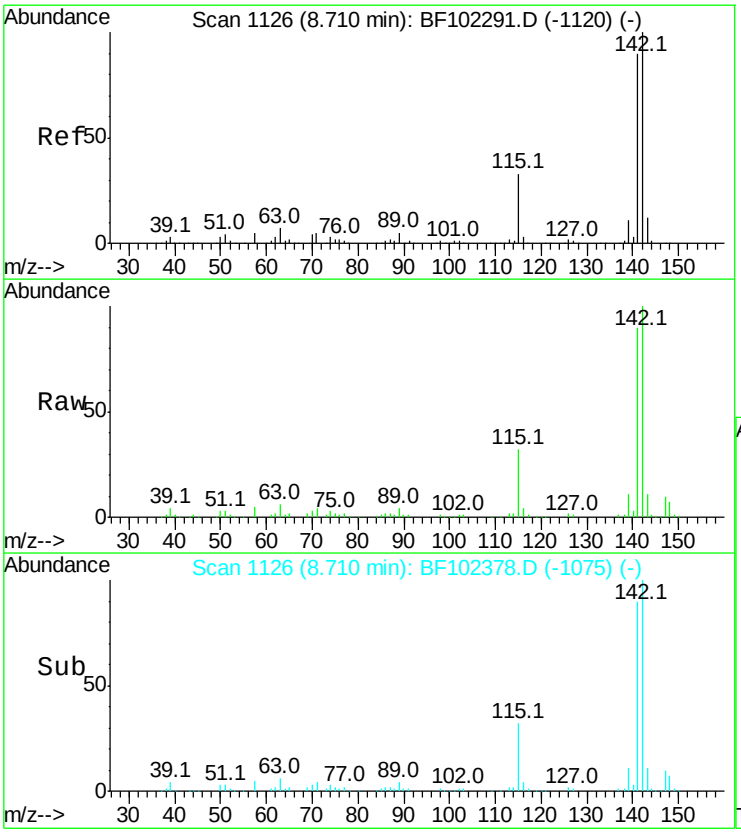
#33
4-Chloroaniline
Concen: 13.982 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 153677

Ion	Ratio	Lower	Upper
127	100		
129	79.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.7	15.2	22.8#

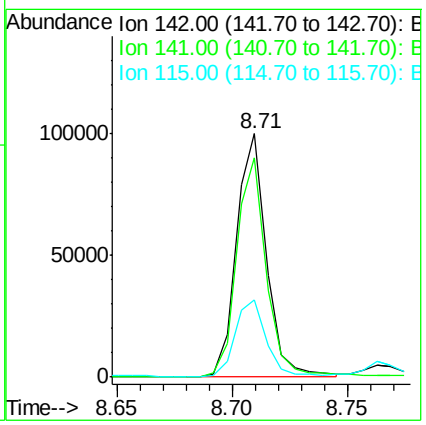


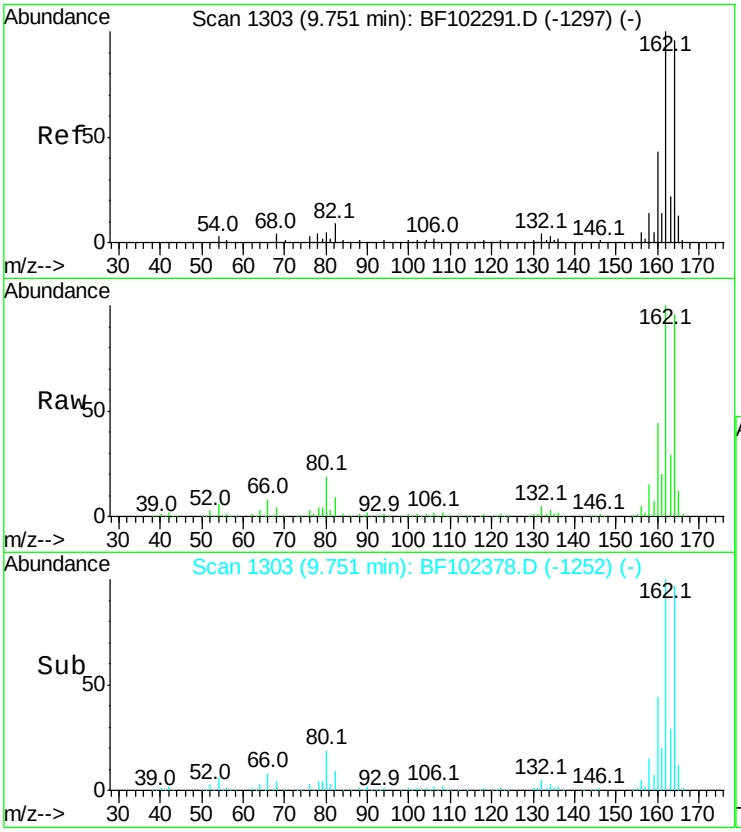


#37
2-Methylnaphthalene
Concen: 5.214 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:142 Resp: 90756

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	31.5	26.1	39.1



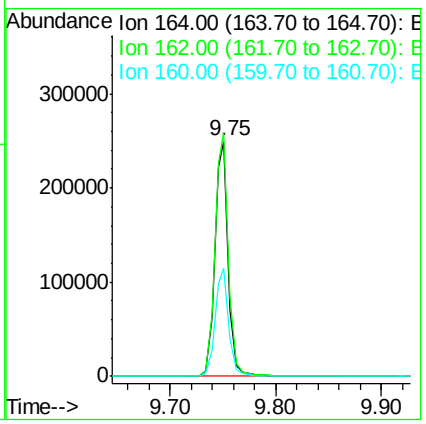


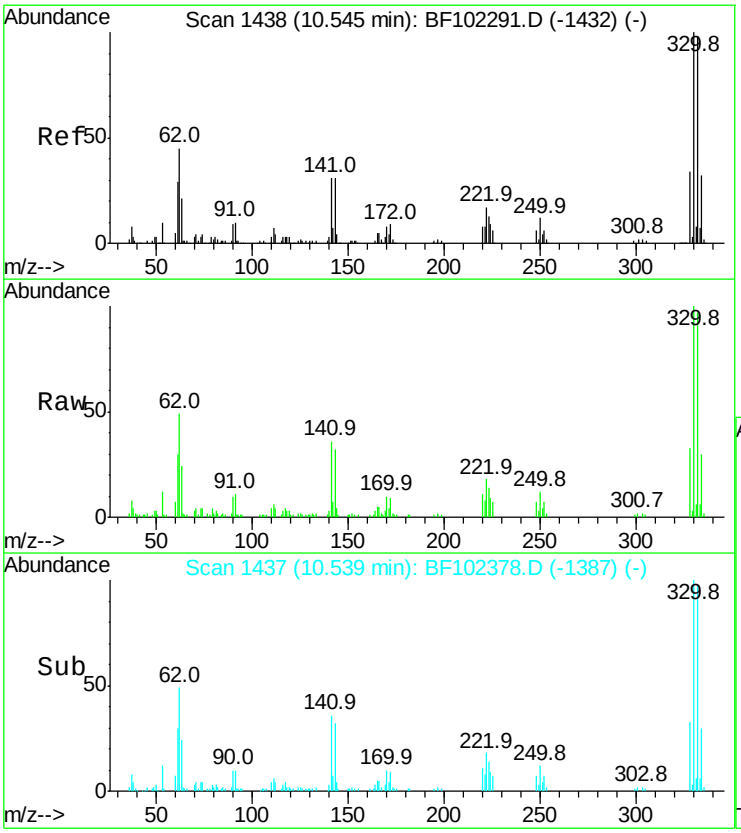
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 224397

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.8	38.3	57.5

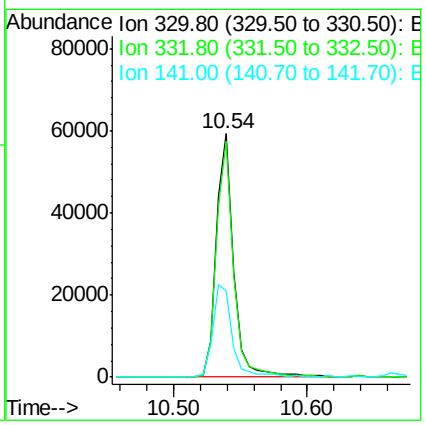


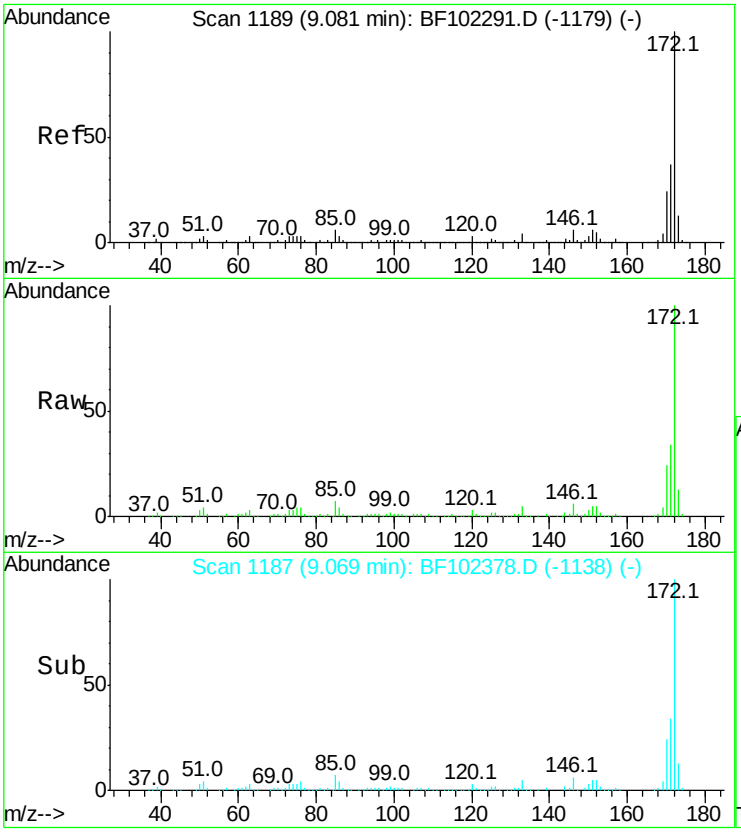


#41
2,4,6-Tribromophenol
Concen: 24.468 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:330 Resp: 54404

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	42.6	29.9	44.9



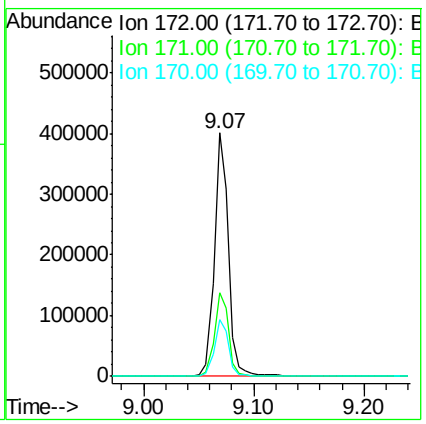


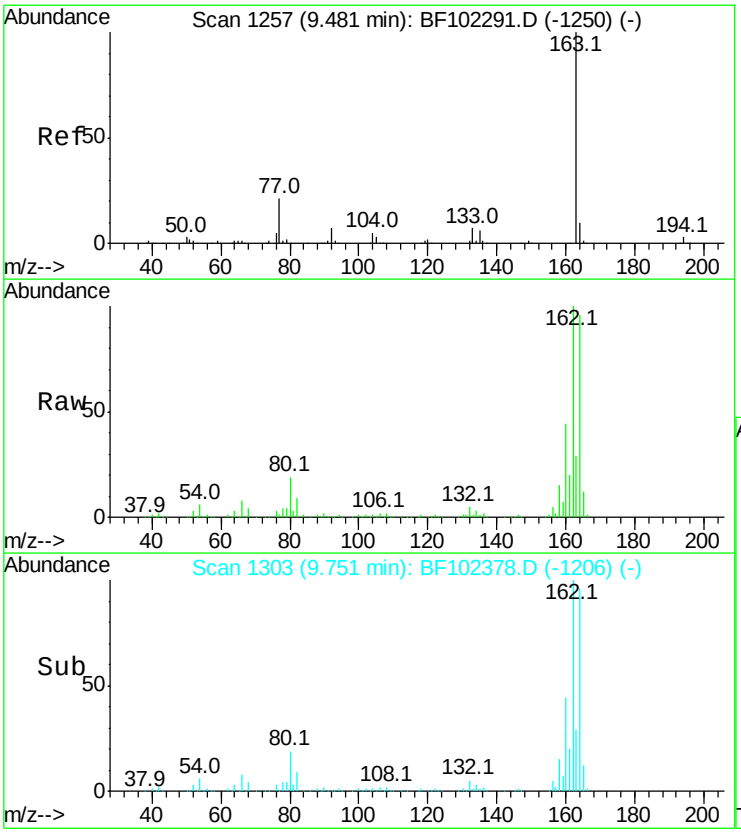
#44
2-Fluorobiphenyl
Concen: 23.043 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 351675

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.5	19.6	29.4

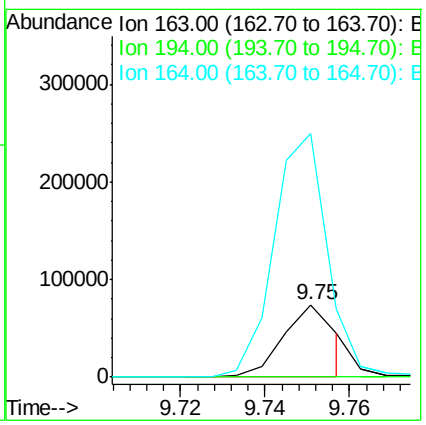


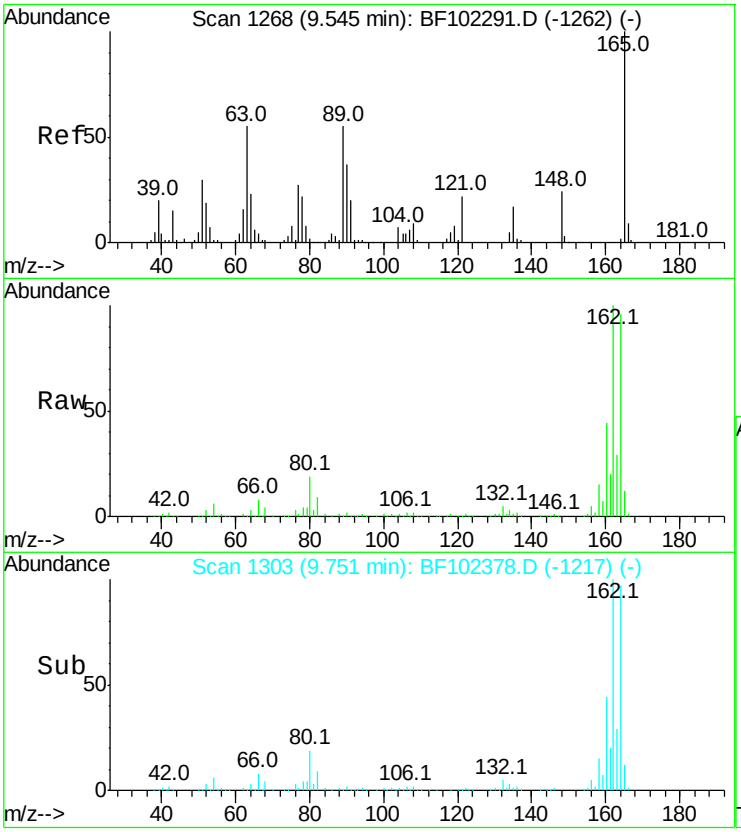


#49
Dimethylphthalate
Concen: 3.390 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.27 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:163 Resp: 62878

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	335.6	8.2	12.2#



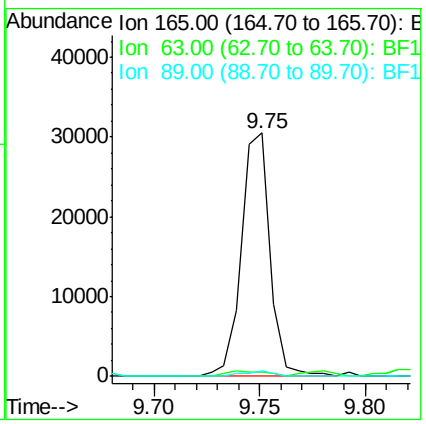


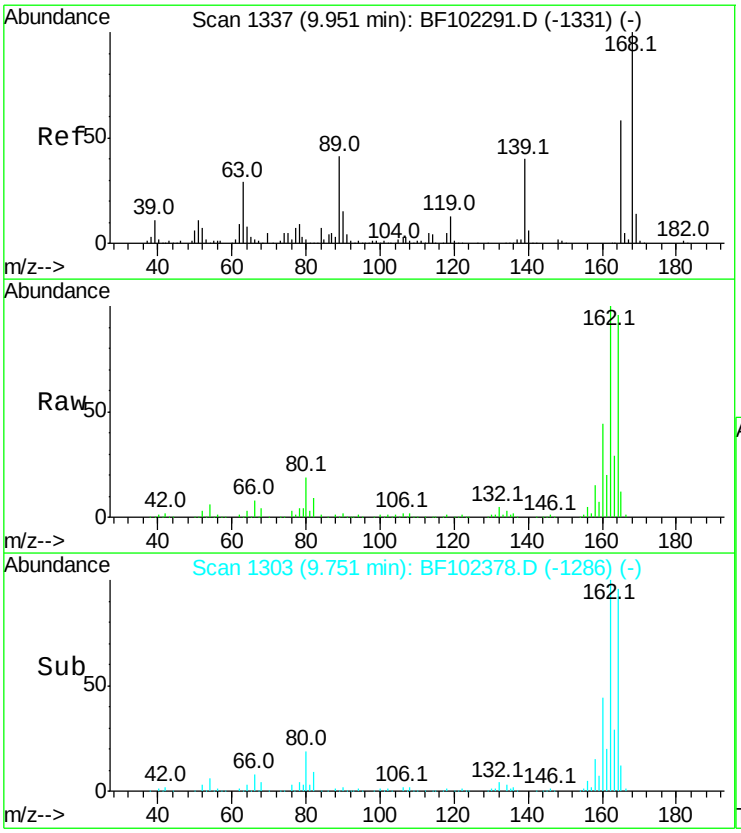
#50
2,6-Dinitrotoluene
Concen: 7.182 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 28722

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	2.0	44.0	66.0#

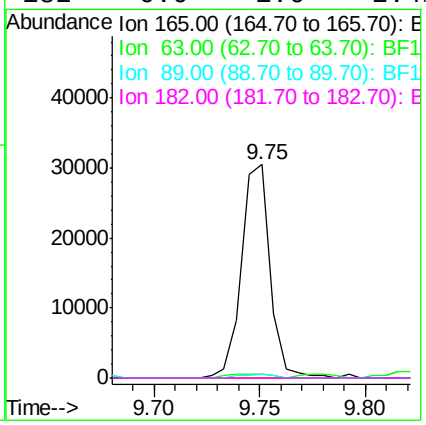


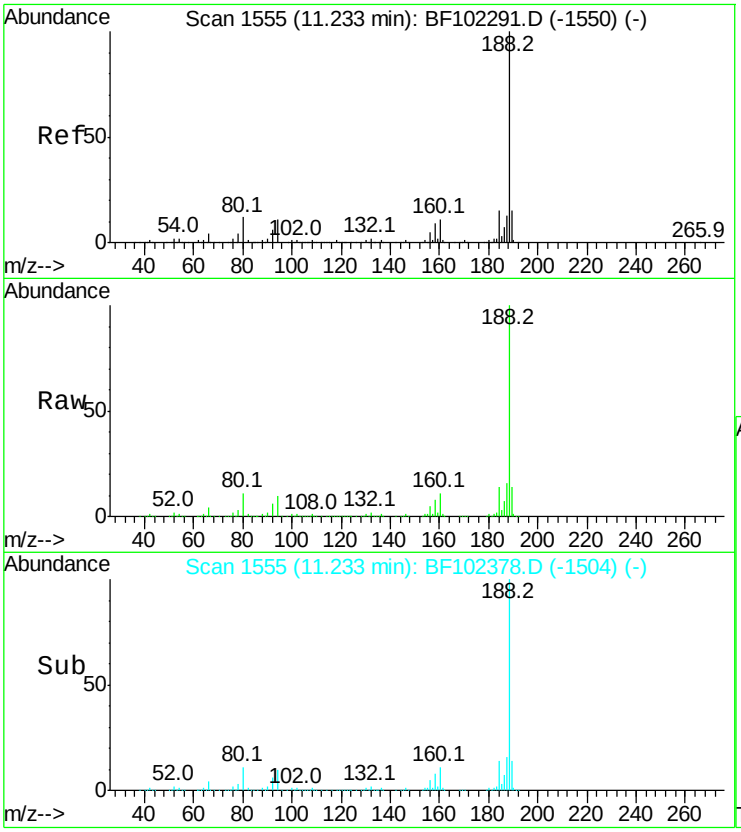


#56
2,4-Dinitrotoluene
Concen: 5.841 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:165 Resp: 28722

Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



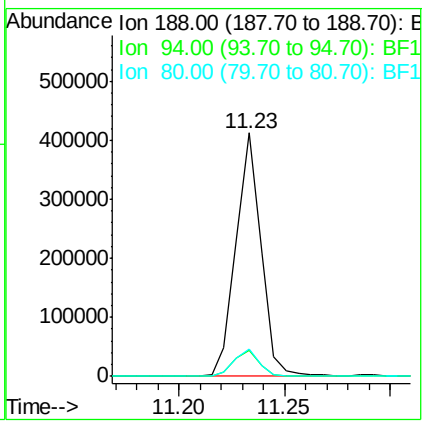


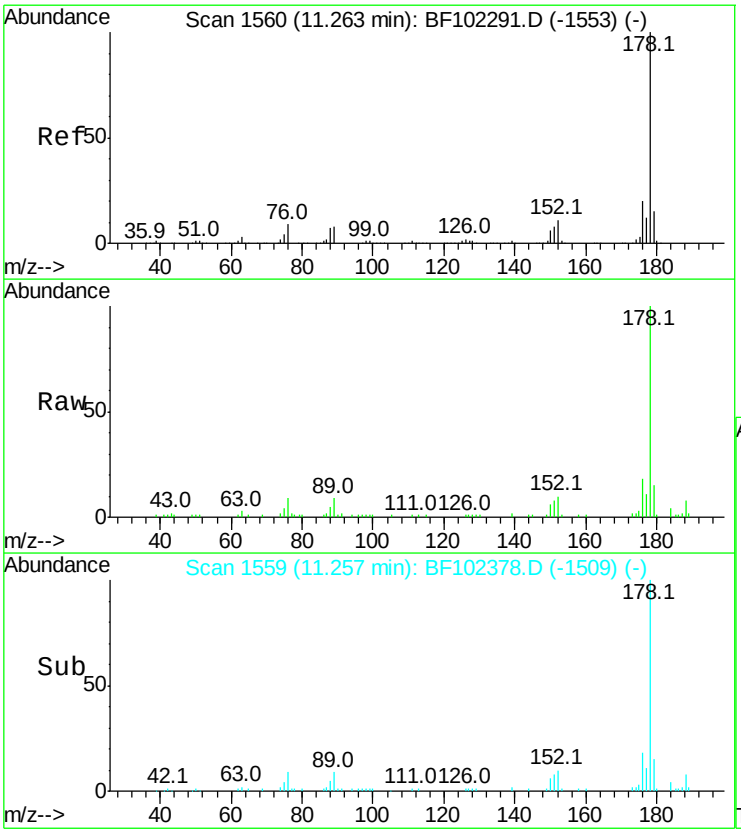
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 338360

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.5	9.2	13.8

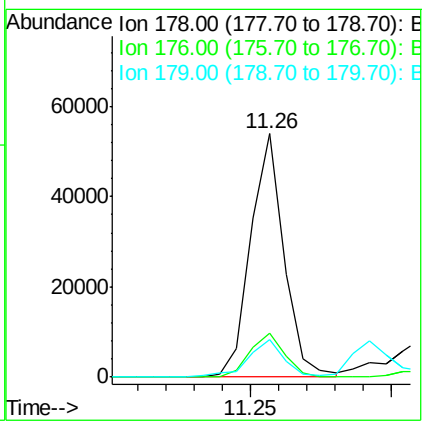


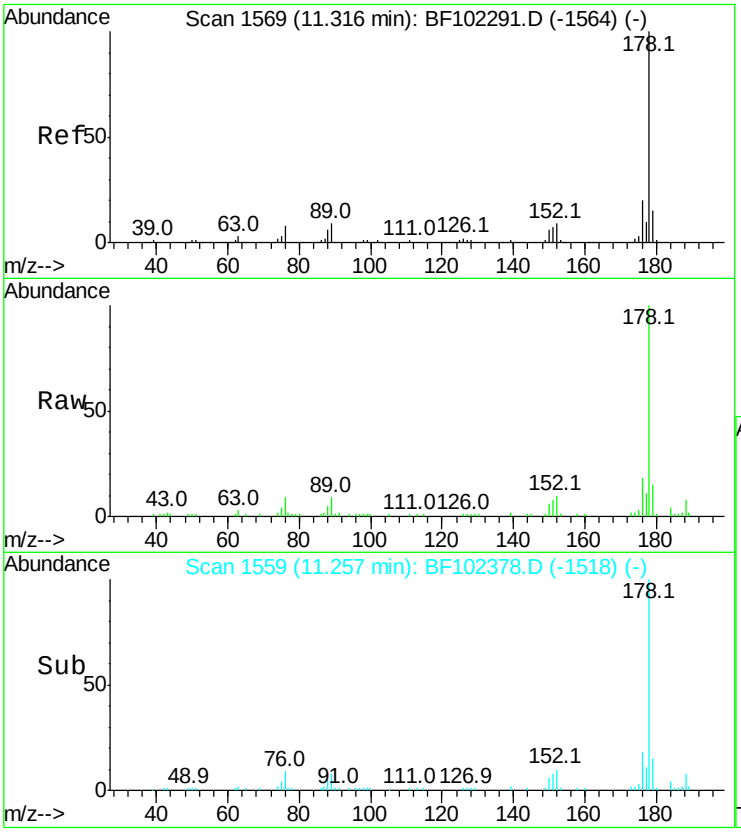


#70
Phenanthrene
Concen: 2.246 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:178 Resp: 44276

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	13.0	19.6



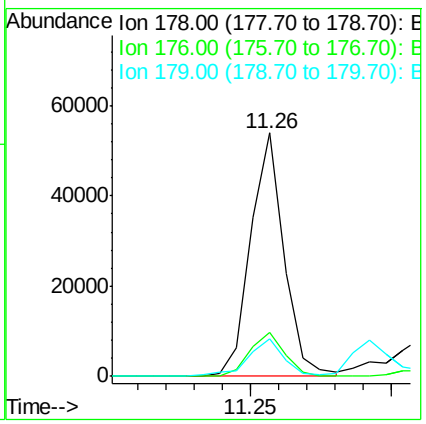


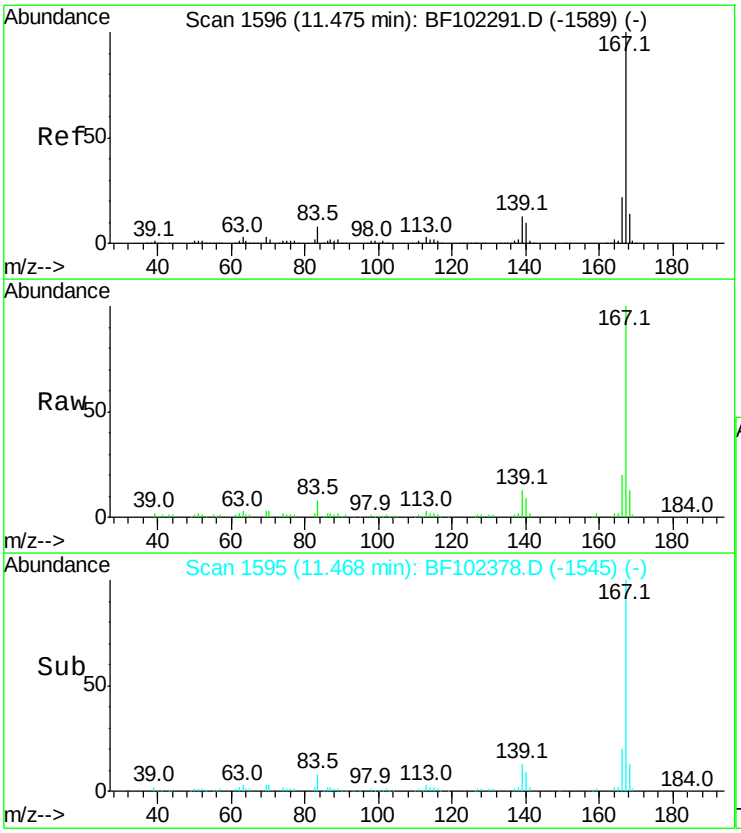
#71
Anthracene
Concen: 2.200 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.06 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44276

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.3	12.6	19.0

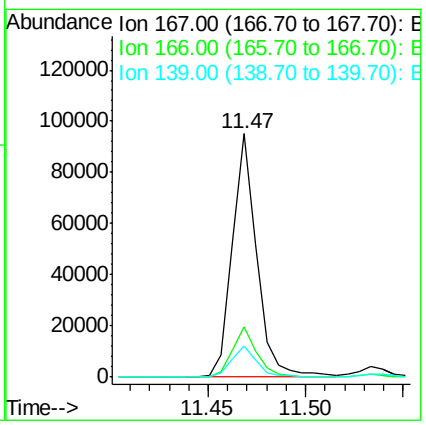


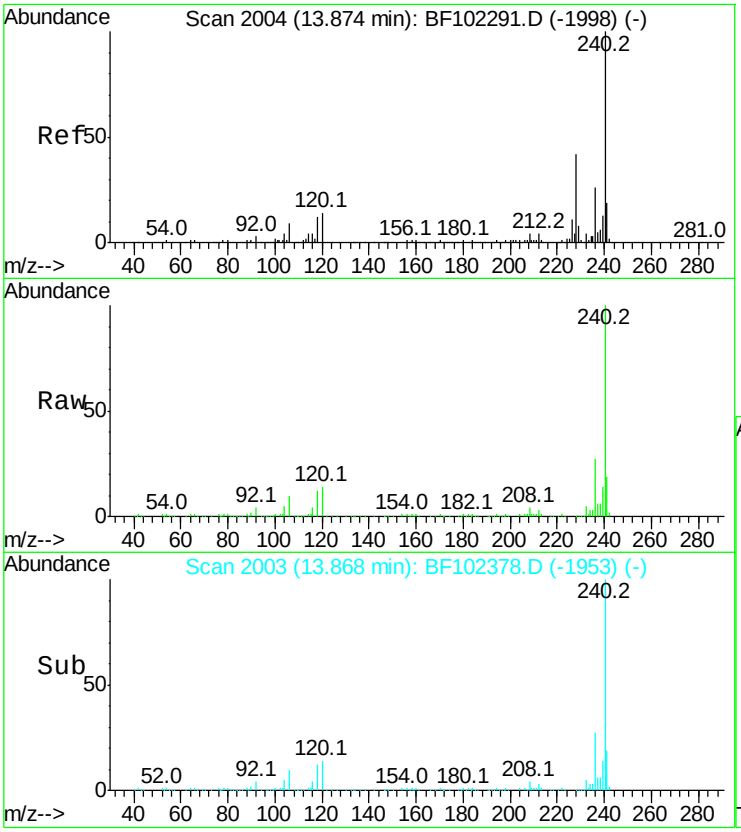


#72
Carbazole
Concen: 4.226 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:167 Resp: 82972

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.6	26.4
139	12.7	10.9	16.3



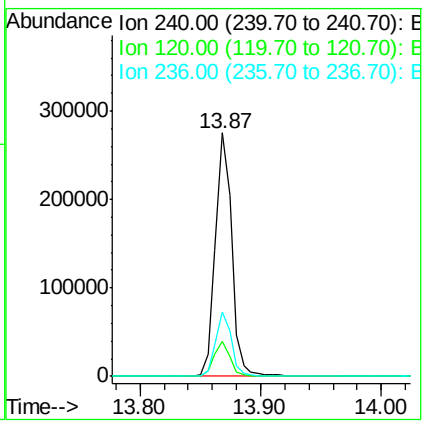


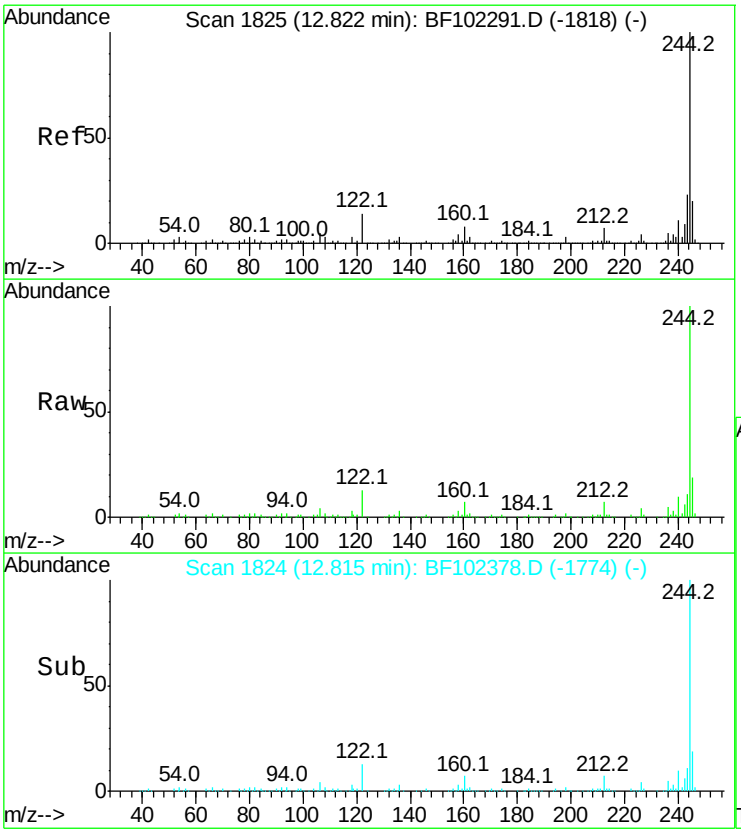
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 255930

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	26.6	20.7	31.1

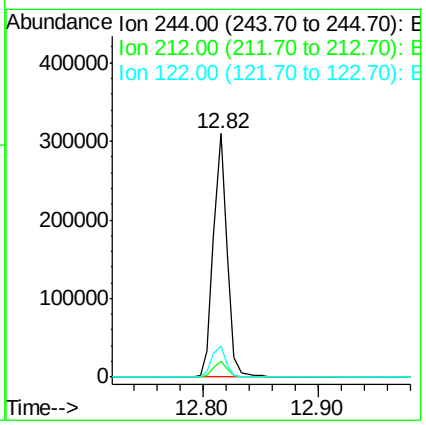


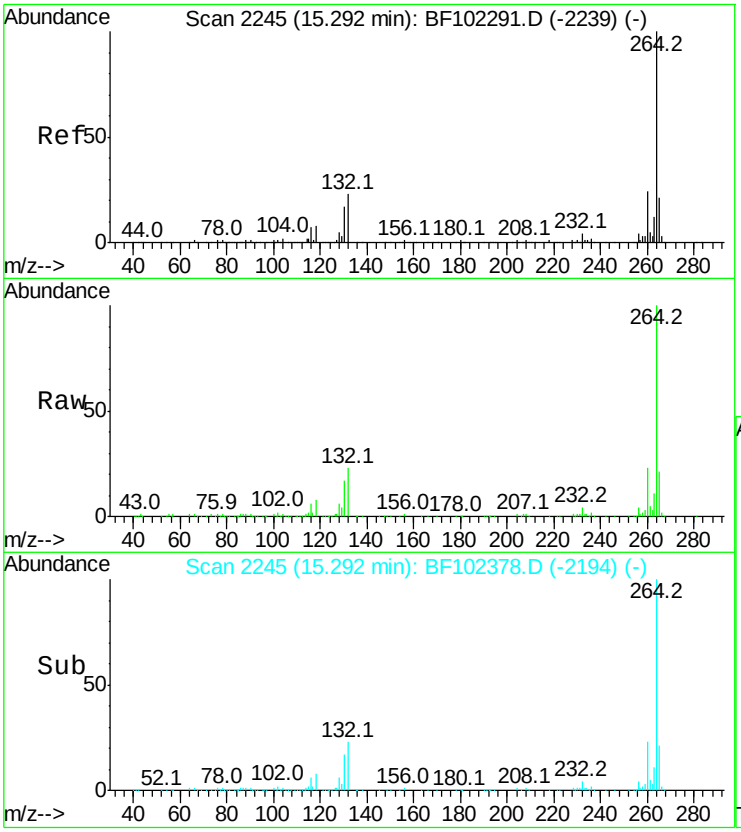


#78
Terphenyl-d14
Concen: 22.495 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Tgt Ion:244 Resp: 255381

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102378.D
Acq: 24 Jan 2018 8:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 235253

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3