Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102381.D
Acq On : 24 Jan 2018 10:11
Operator : SJ/JU
Sample : J1239-08DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 10:51:13 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	117241	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	491890	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	213671	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	330271	20.00	ng		0.00
75) Chrysene-d12	13.87	240	241091	20.00	ng		0.00
86) Perylene-d12	15.29	264	215826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	110925	14.35	ng		0.00
7) Phenol-d6	6.35	99	126333	13.55	ng		0.00
23) Nitrobenzene-d5	7.27	82	92119	10.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	27206	12.85	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	198345	13.65	ng		-0.01
78) Terphenyl-d14	12.82	244	145462	13.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	360154	35.389	ng		99
15) Benzyl Alcohol	6.97	79	38427	5.842	ng	#	1
17) 2-Methylphenol	6.97	107	94212	13.383	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	12046	2.112	ng	#	78
20) 3+4-Methylphenols	7.13	107	268128	32.386	ng		83
25) Isophorone	7.27	82	91999	6.029	ng	#	64
27) 2,4-Dimethylphenol	7.66	122	47012	7.023	ng		98
31) Naphthalene	8.02	128	1292969	52.647	ng		99
32) Benzoic acid	7.79	122	52288	9.323	ng	#	14
33) 4-Chloroaniline	8.02	127	173750	16.824	ng	#	34
37) 2-Methylnaphthalene	8.71	142	51838	3.169	ng		97
48) Acenaphthylene	9.61	152	48704	2.105	ng		96
50) 2,6-Dinitrotoluene	9.75	165	26935	7.074	ng	#	26
55) 4-Nitrophenol	9.96	139	9541	3.209	ng	#	9
56) 2,4-Dinitrotoluene	9.75	165	26935	5.752	ng	#	24
72) Carbazole	11.47	167	46956	2.450	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
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Acq On : 24 Jan 2018 10:11
Operator : SJ/JU
Sample : J1239-08DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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QLast Update : Tue Jan 23 00:43:41 2018
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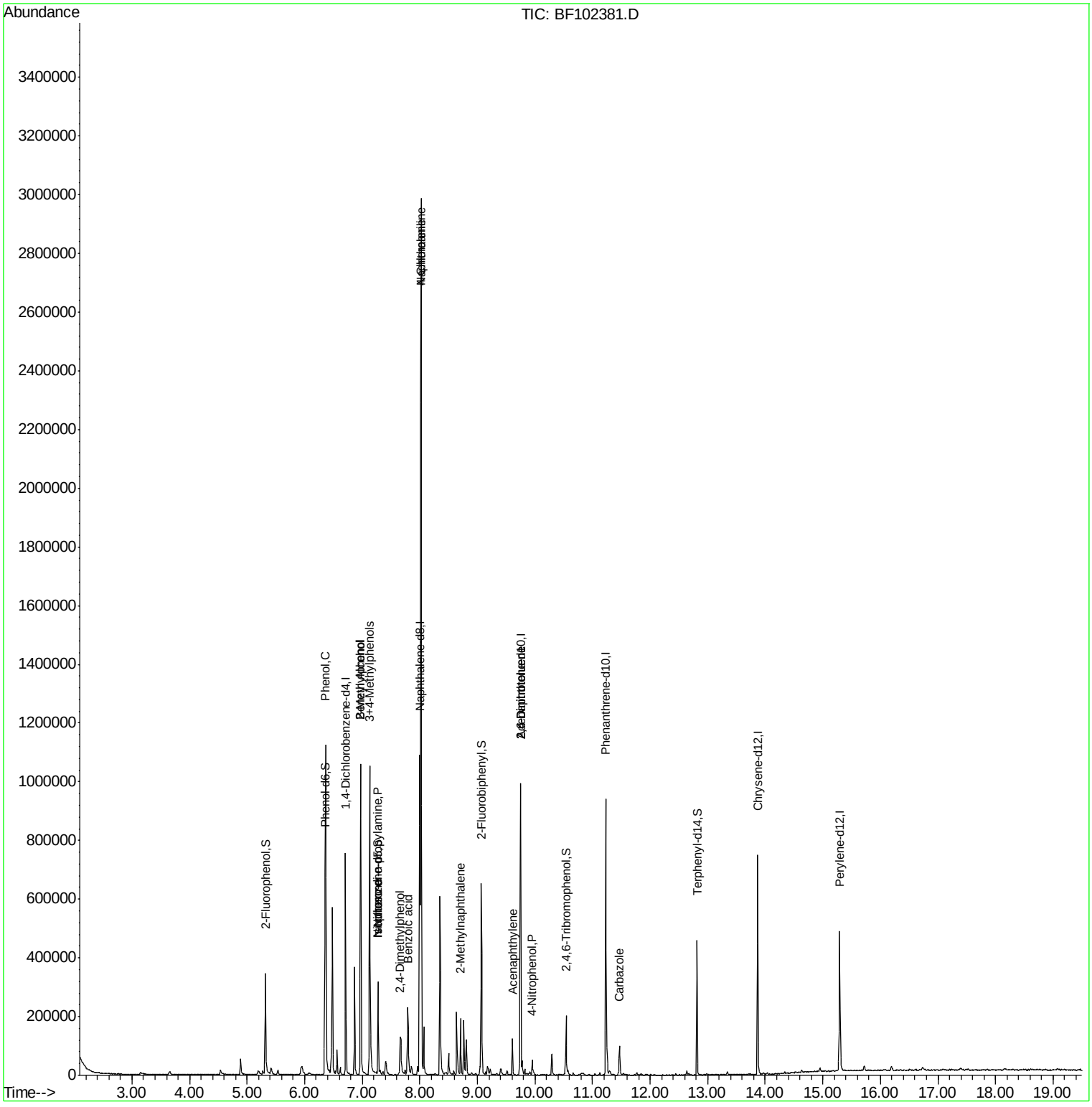
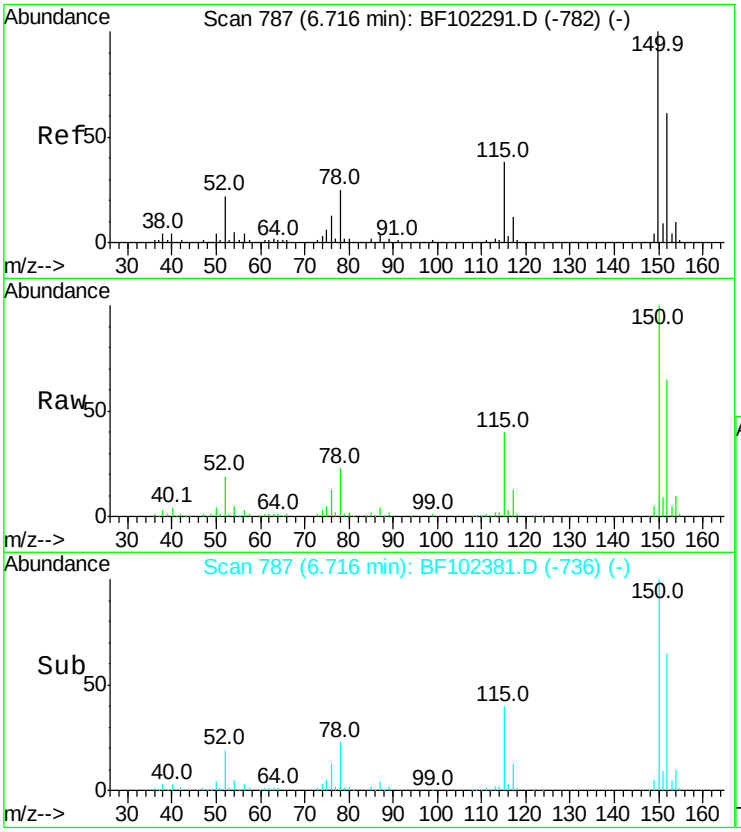


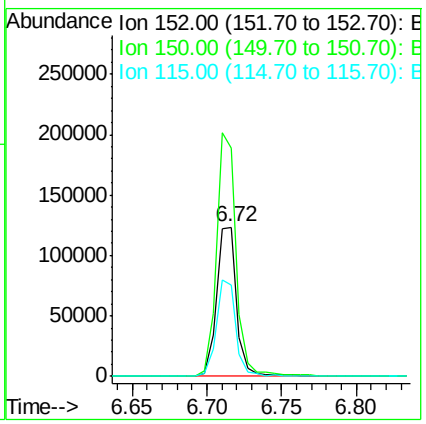


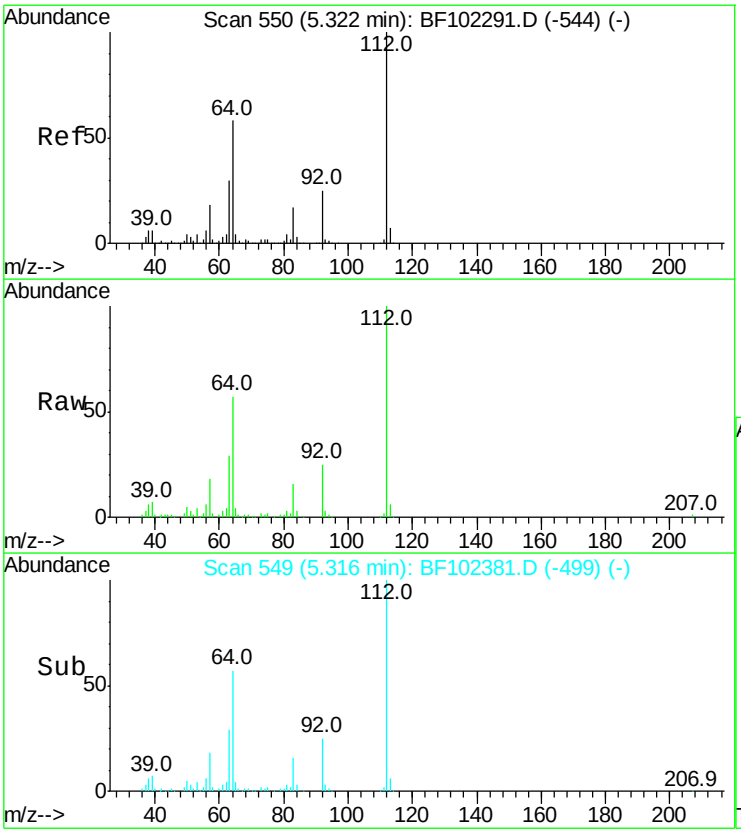
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117241

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	61.3	50.1	75.1

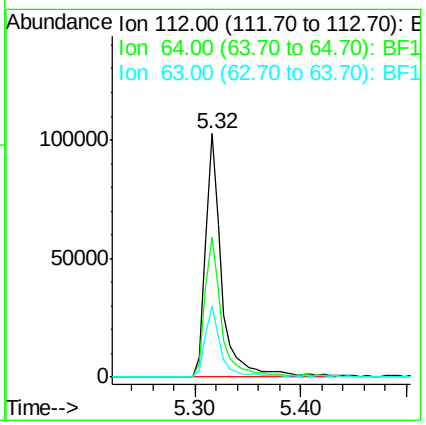


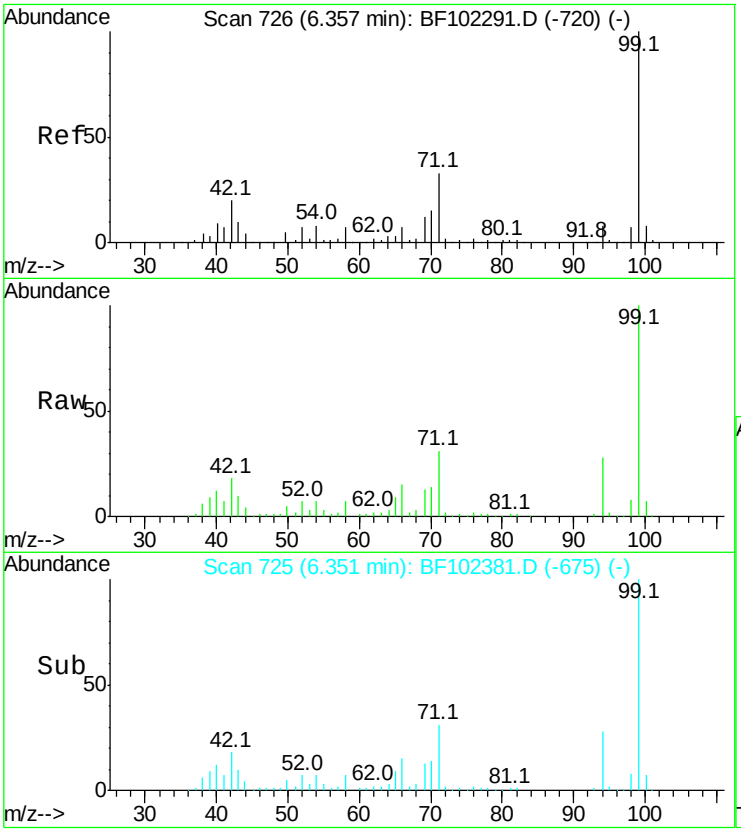


#5
2-Fluorophenol
Concen: 14.346 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:112 Resp: 110925

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	28.9	23.7	35.5



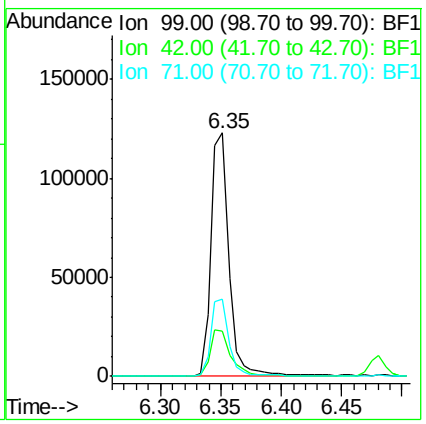


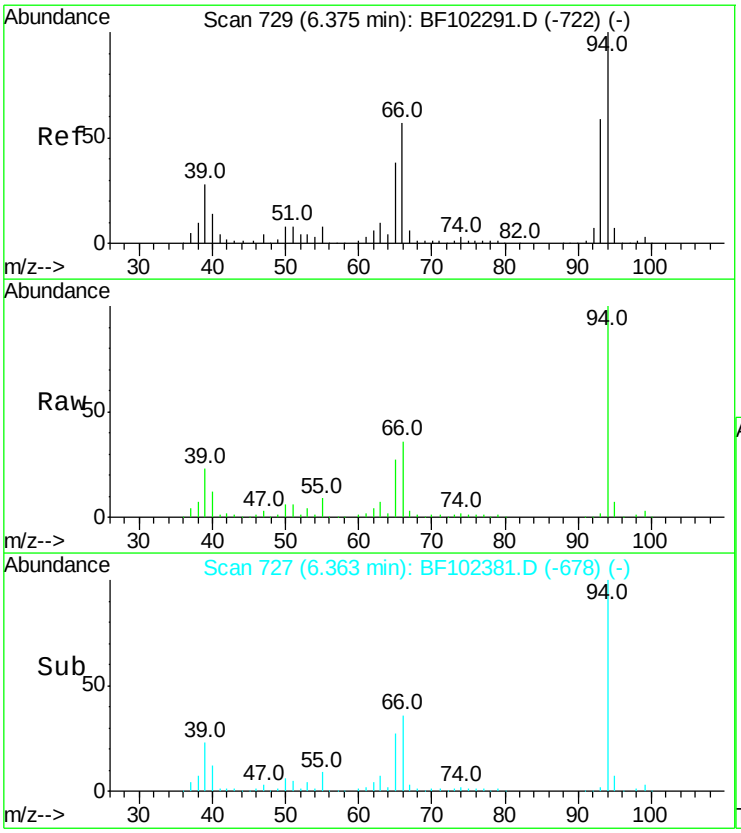
#7
Phenol-d6
Concen: 13.552 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 126333

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	31.5	25.4	38.0

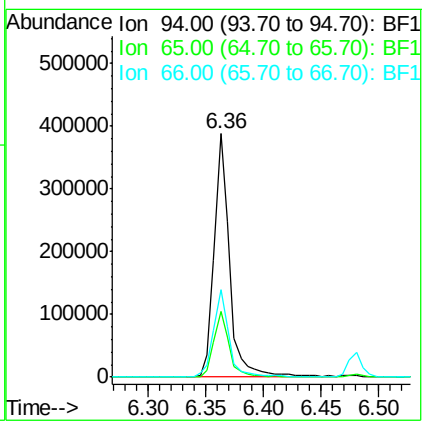


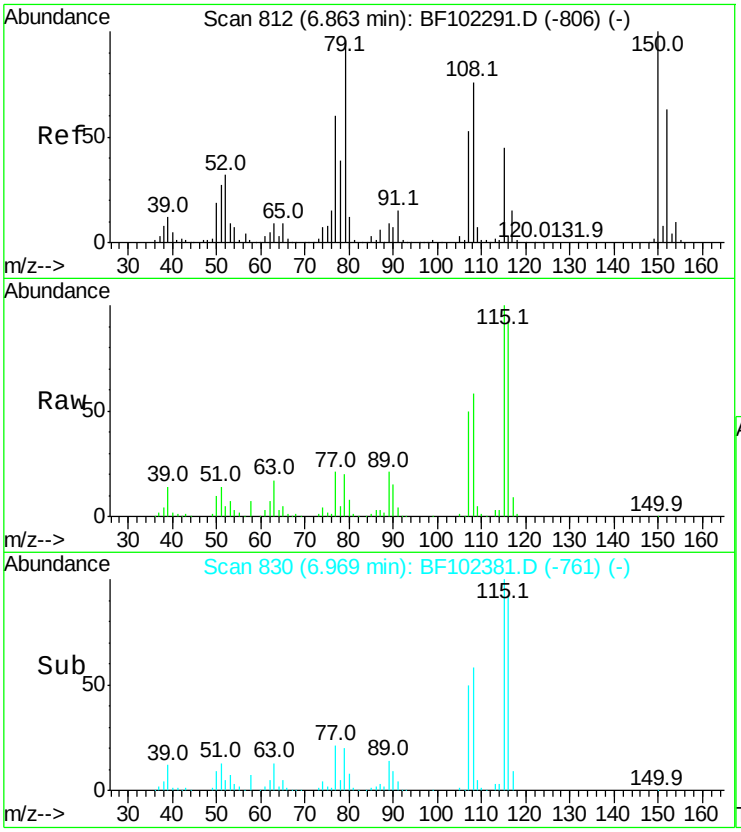


#10
Phenol
Concen: 35.389 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion: 94 Resp: 360154

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	36.1	16.2	56.2



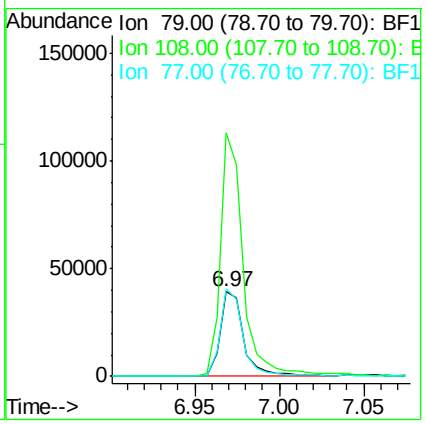


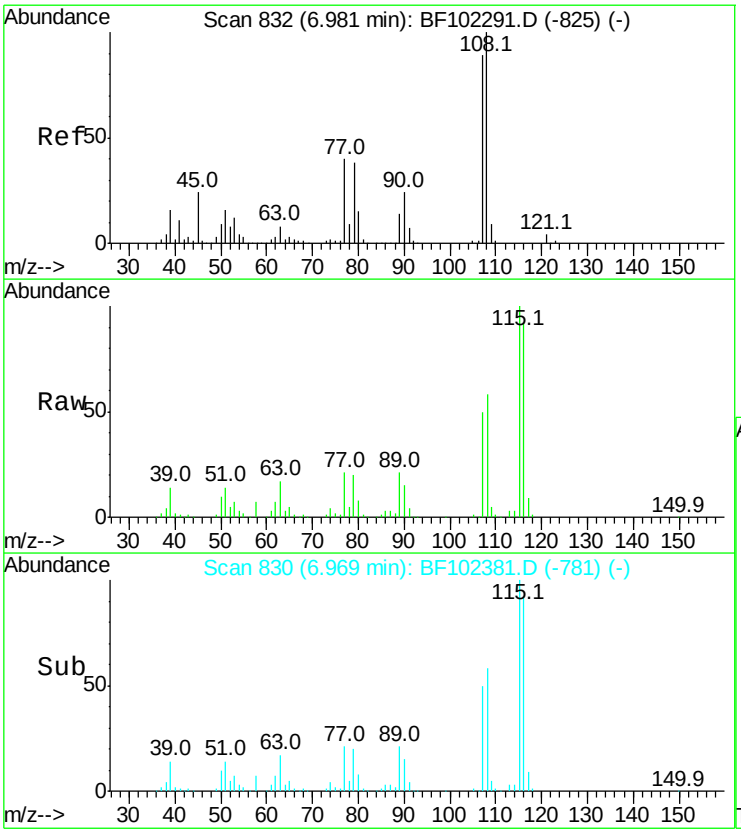
#15
Benzyl Alcohol
Concen: 5.842 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.11 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 38427

Ion	Ratio	Lower	Upper
79	100		
108	288.2	65.1	97.7#
77	104.1	50.6	75.8#

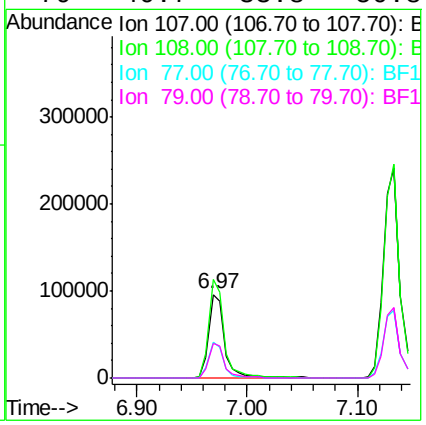


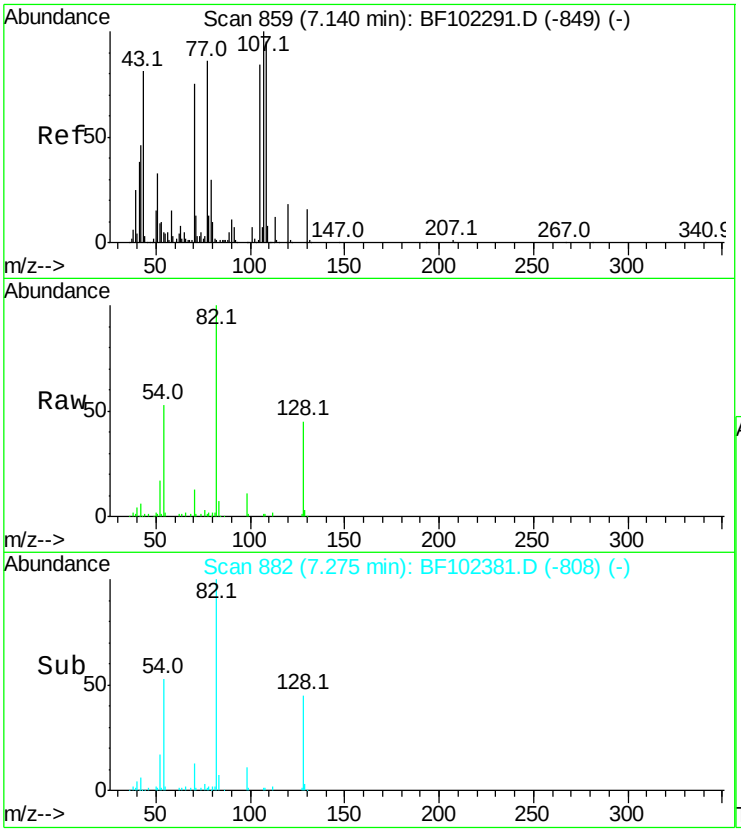


#17
2-Methylphenol
Concen: 13.383 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:107 Resp: 94212

Ion	Ratio	Lower	Upper
107	100		
108	117.3	91.7	137.5
77	42.4	33.8	50.8
79	40.7	33.8	50.8



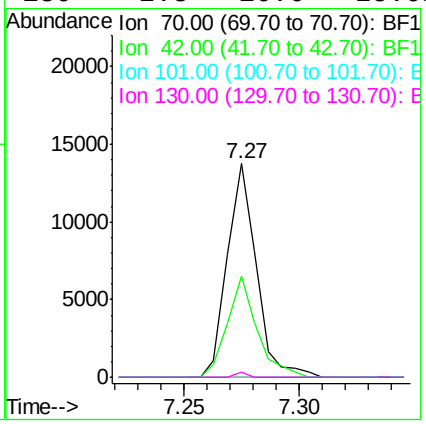


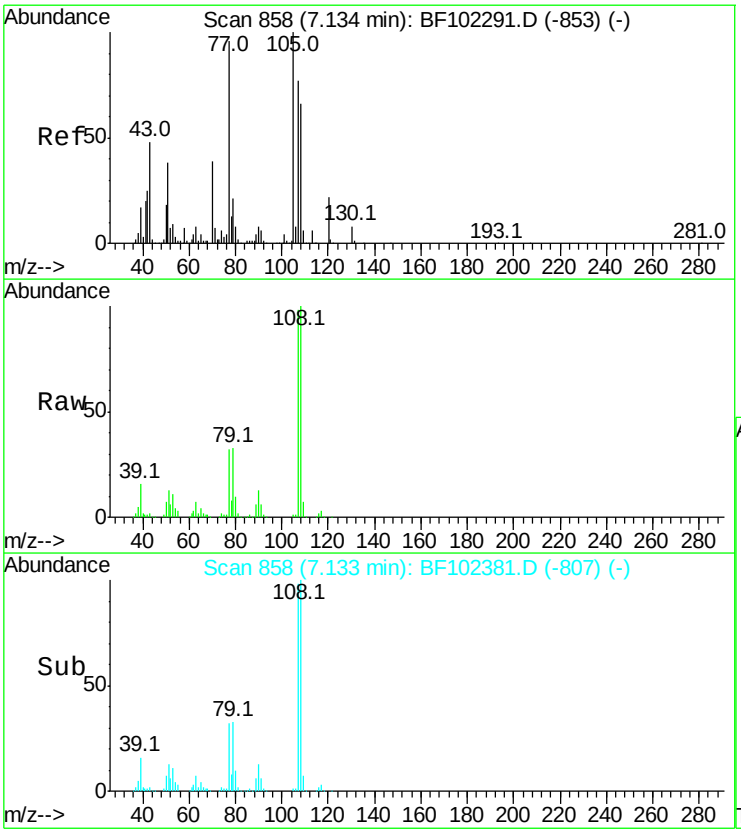
#19
n-Nitroso-di-n-propylamine
Concen: 2.112 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 12046

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

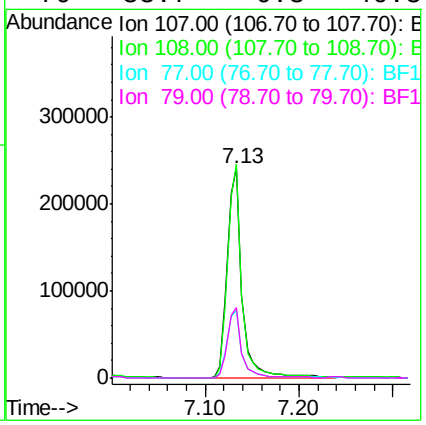


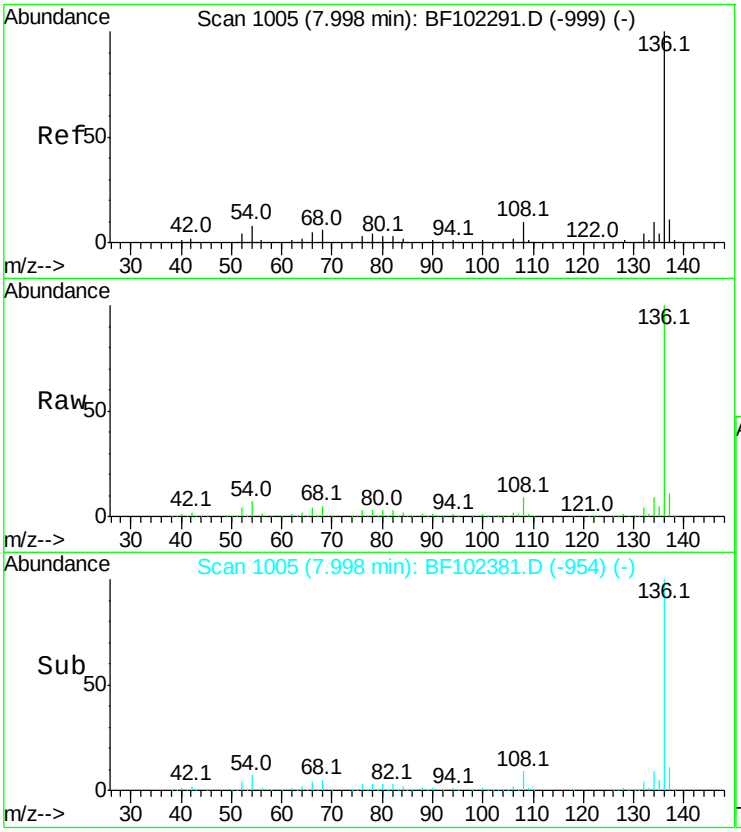


#20
3+4-Methylphenols
Concen: 32.386 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:107 Resp: 268128

Ion	Ratio	Lower	Upper
107	100		
108	101.8	68.2	108.2
77	32.4	26.7	66.7
79	33.7	6.3	46.3



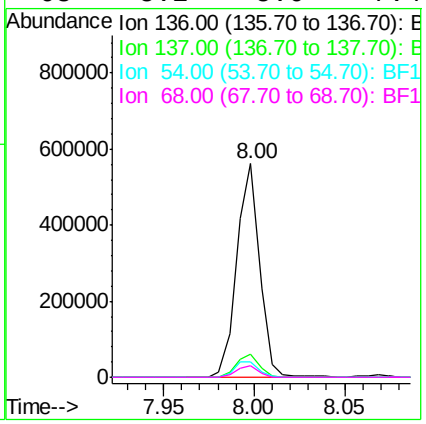


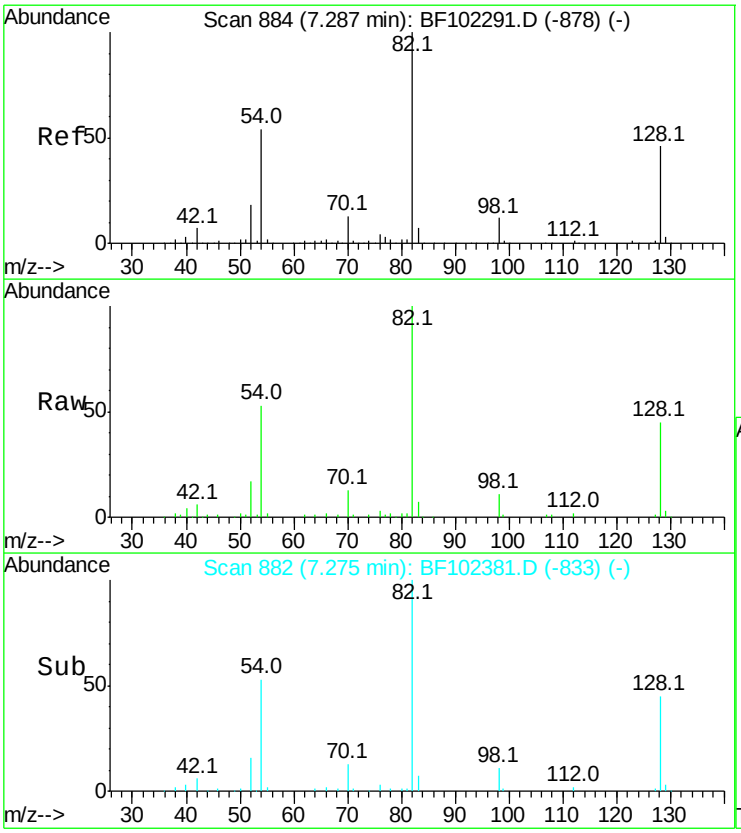
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 491890

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.2	5.0	7.4

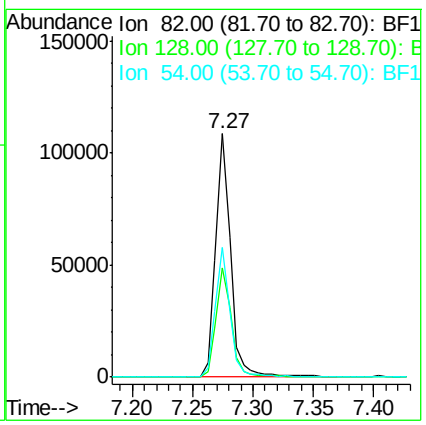


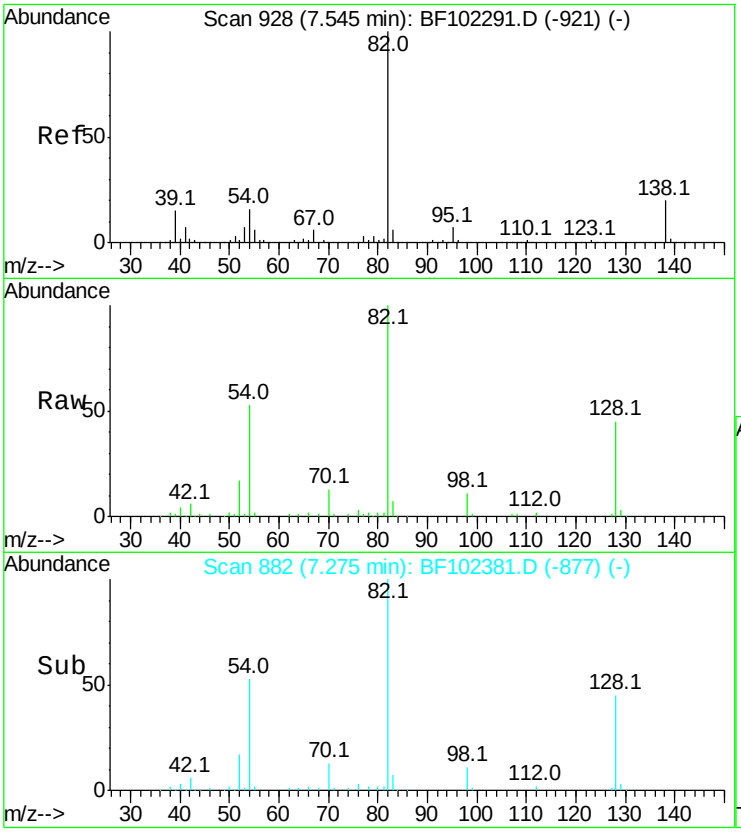


#23
Nitrobenzene-d5
Concen: 10.762 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion: 82 Resp: 92119

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	53.5	41.4	62.2



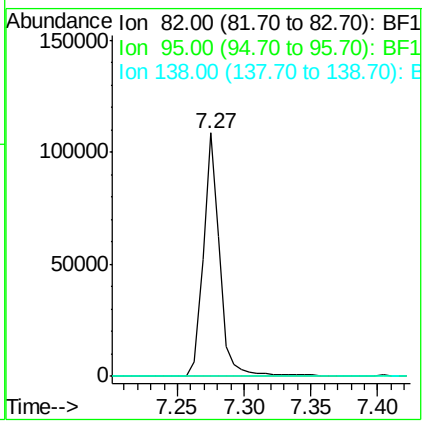


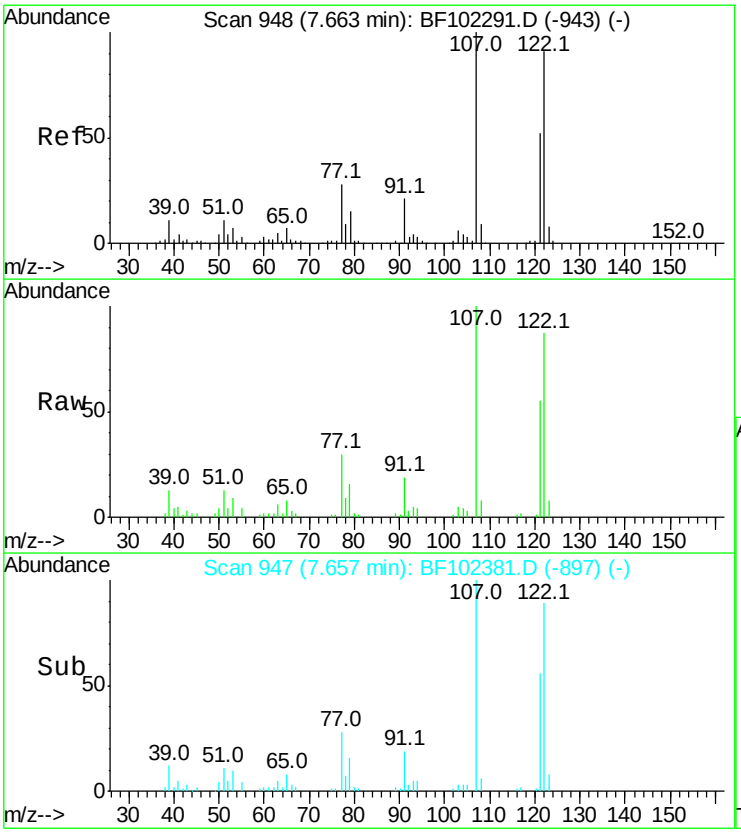
#25
Isophorone
Concen: 6.029 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91999

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

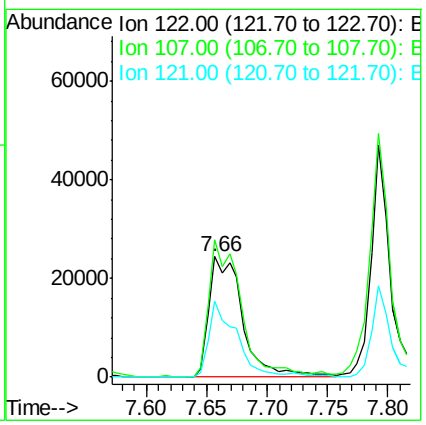


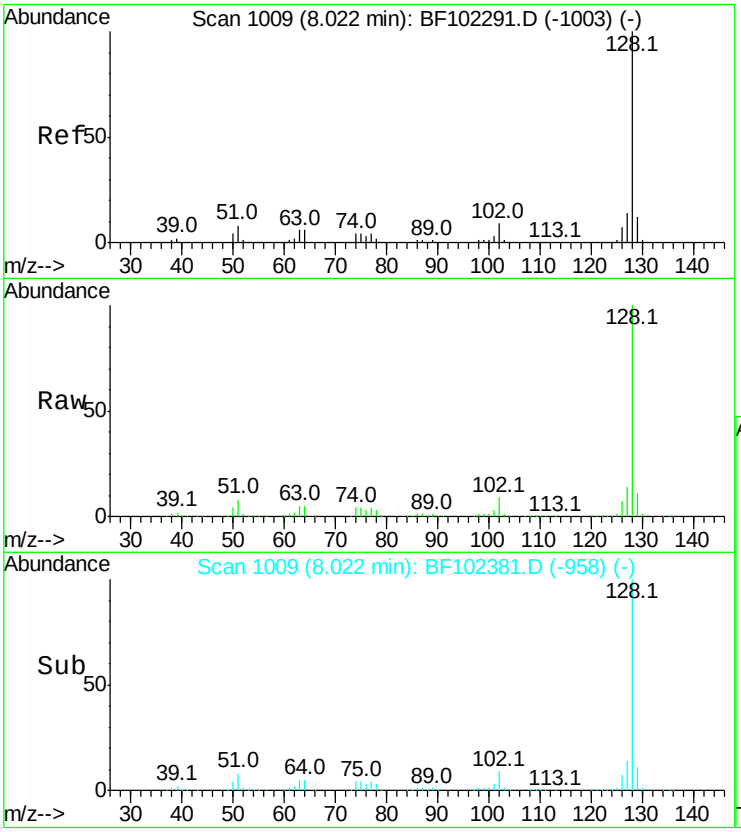


#27
2,4-Dimethylphenol
Concen: 7.023 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:122 Resp: 47012

Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	62.7	47.2	70.8



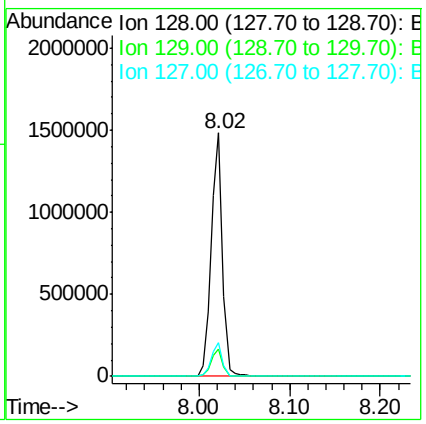


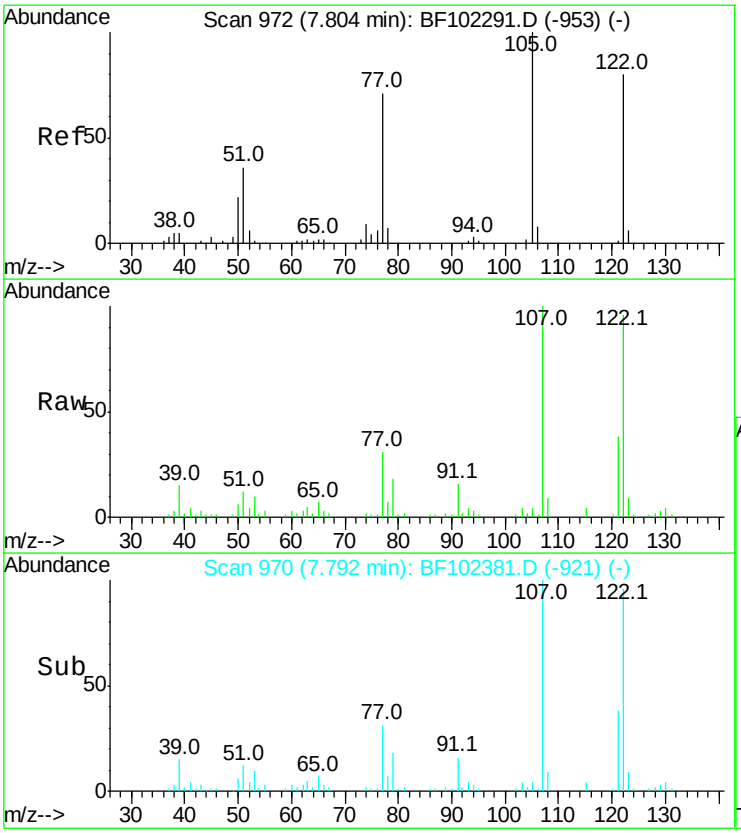
#31
Naphthalene
Concen: 52.647 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1292969

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3

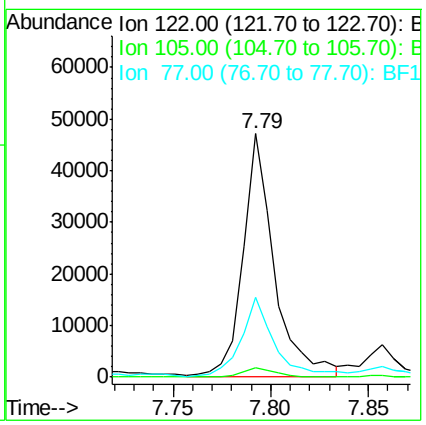


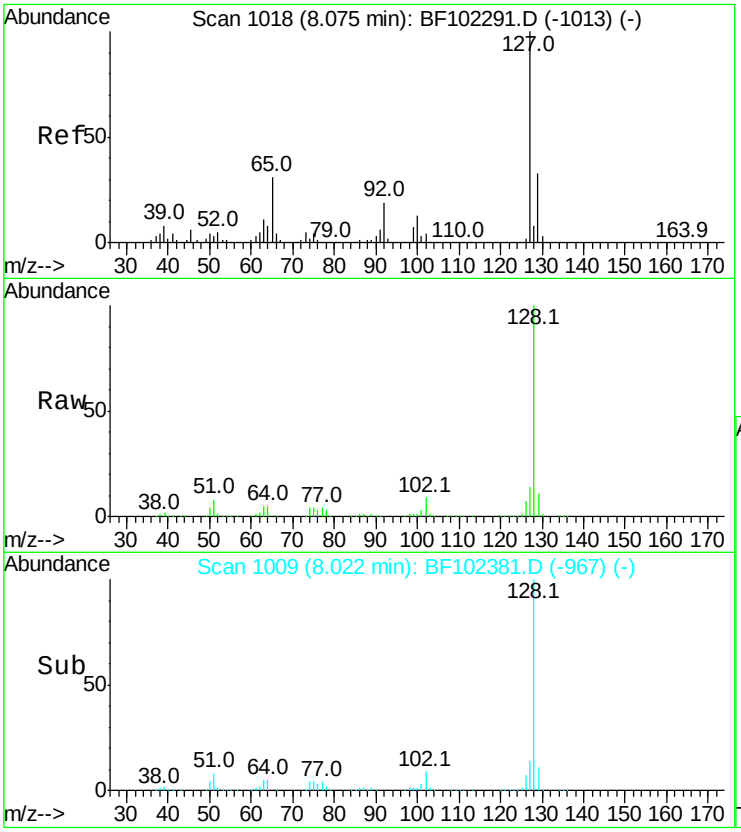


#32
Benzoic acid
Concen: 9.323 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:122 Resp: 52288

Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.1	141.1#
77	32.6	70.7	110.7#



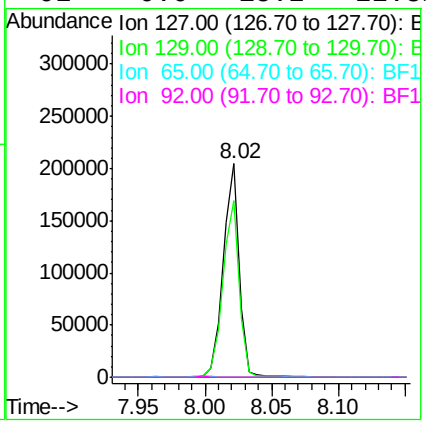


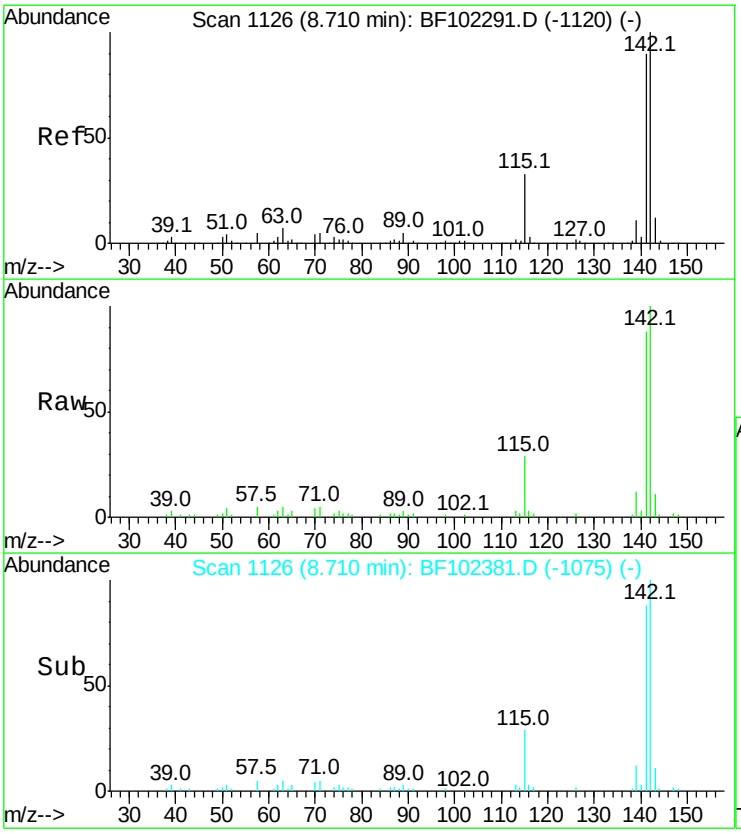
#33
4-Chloroaniline
Concen: 16.824 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 173750

Ion	Ratio	Lower	Upper
127	100		
129	82.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

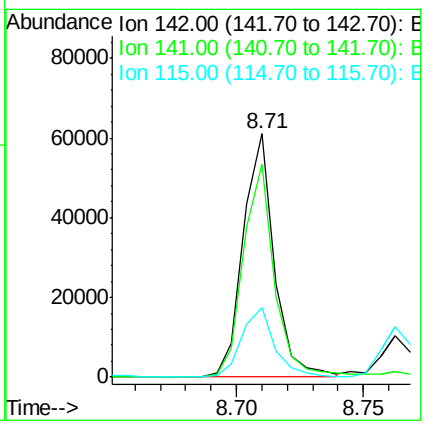


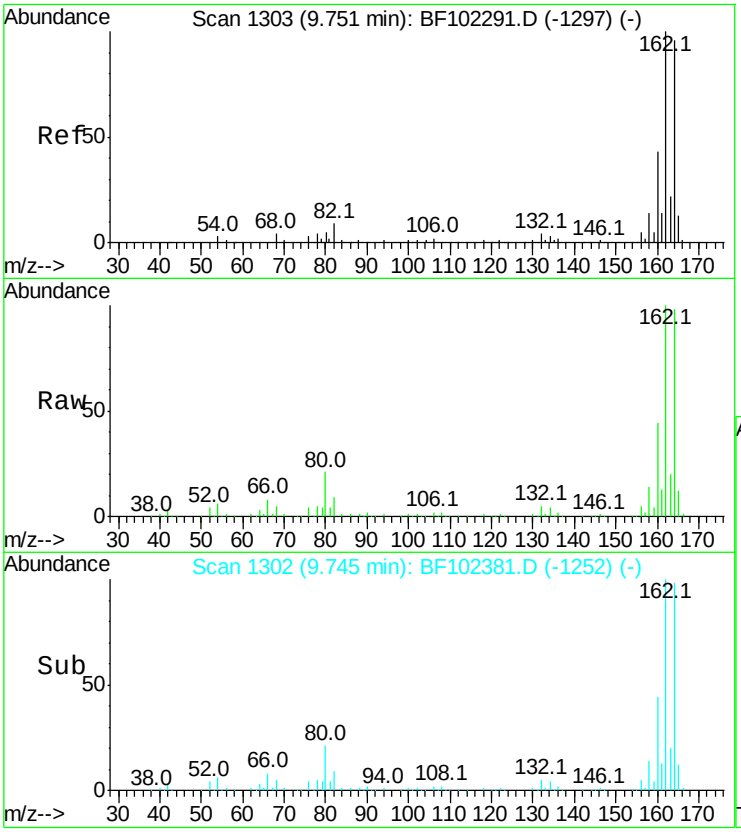


#37
2-Methylnaphthalene
Concen: 3.169 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:142 Resp: 51838

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	28.6	26.1	39.1



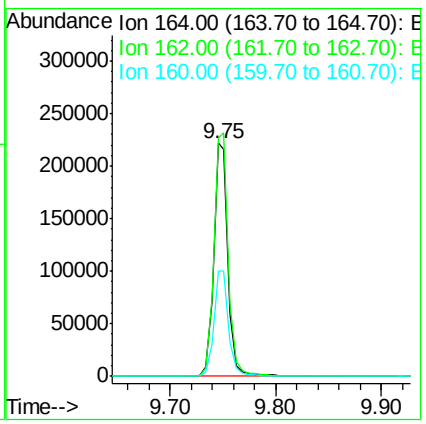


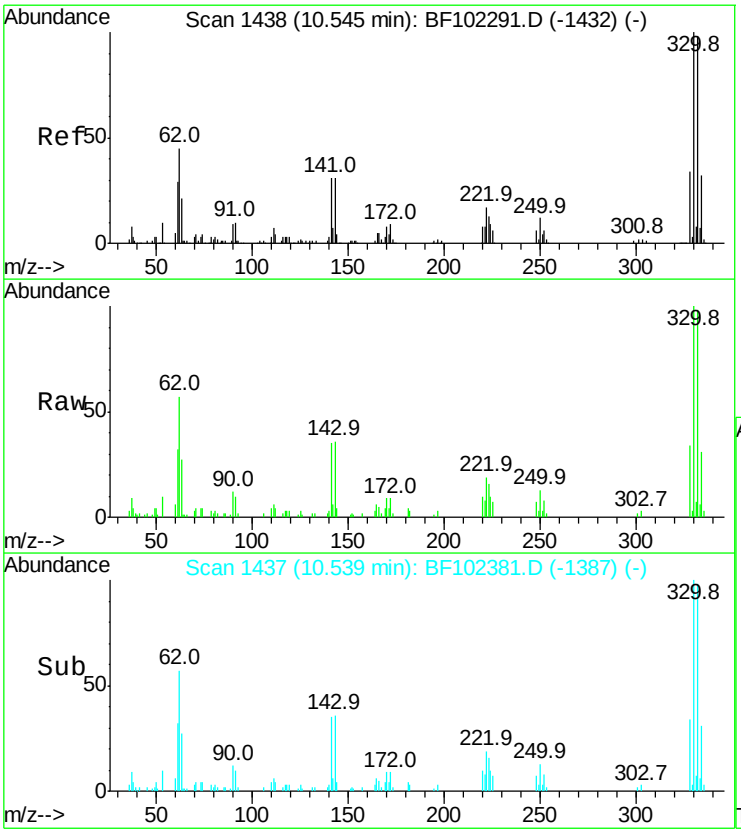
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 213671

Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.1	38.3	57.5

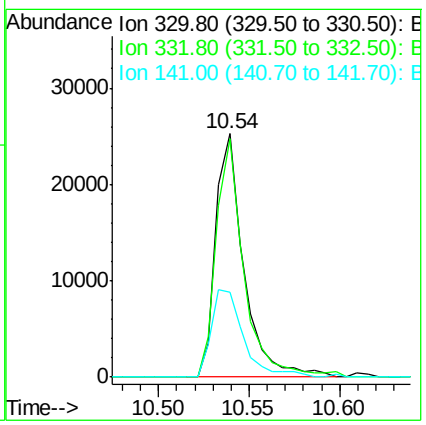


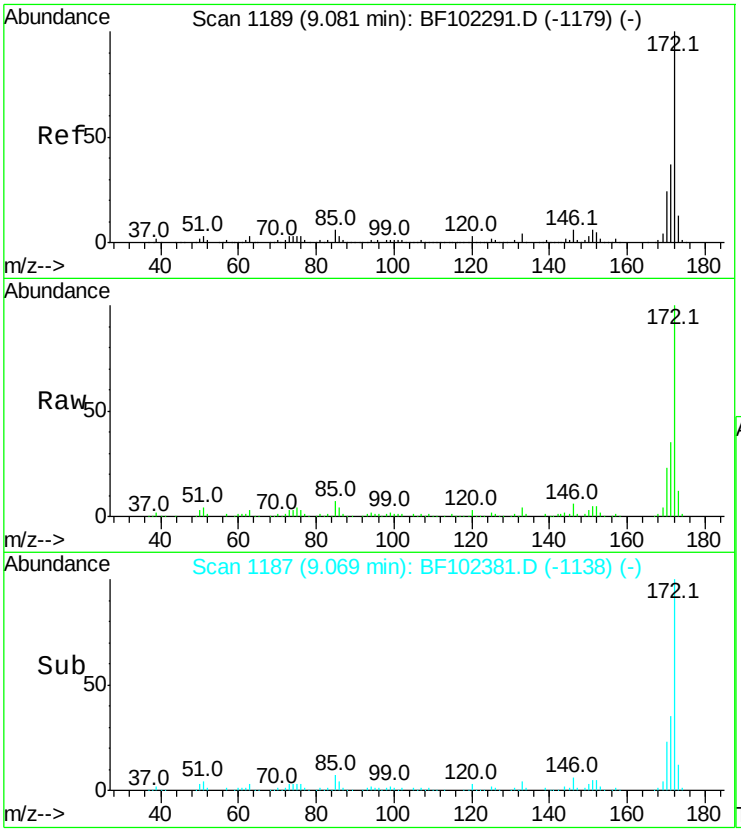


#41
2,4,6-Tribromophenol
Concen: 12.850 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:330 Resp: 27206

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	41.2	29.9	44.9



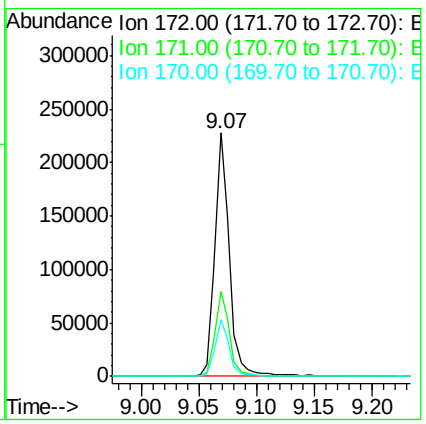


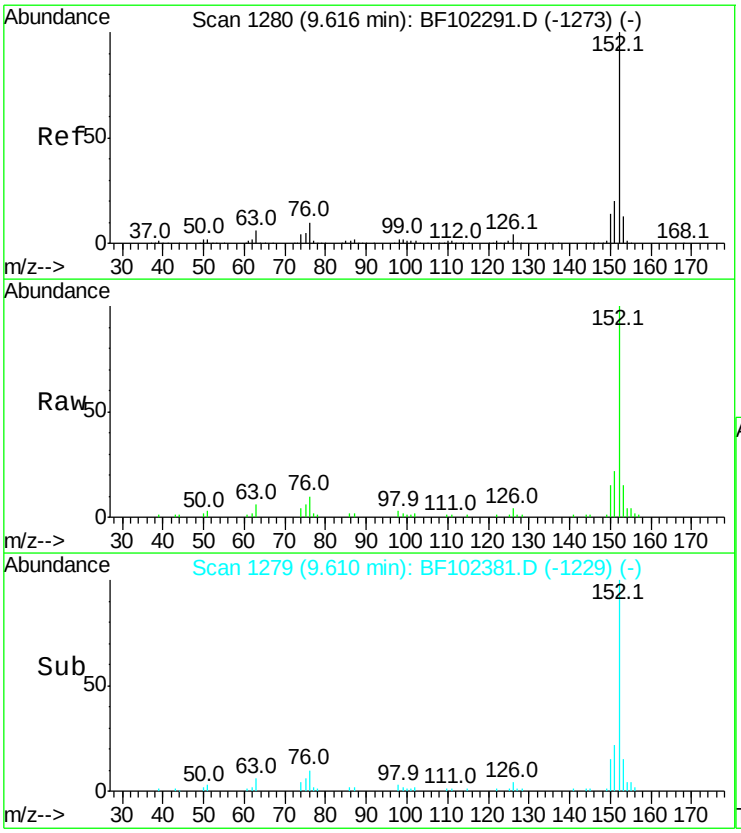
#44
2-Fluorobiphenyl
Concen: 13.649 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 198345

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4

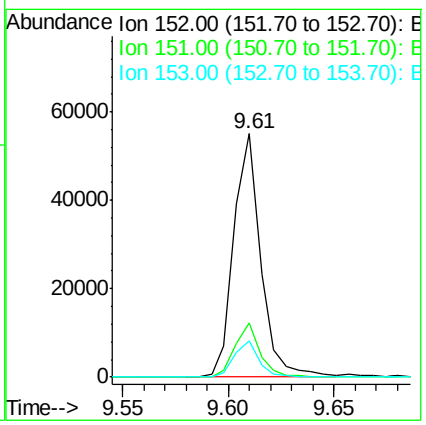


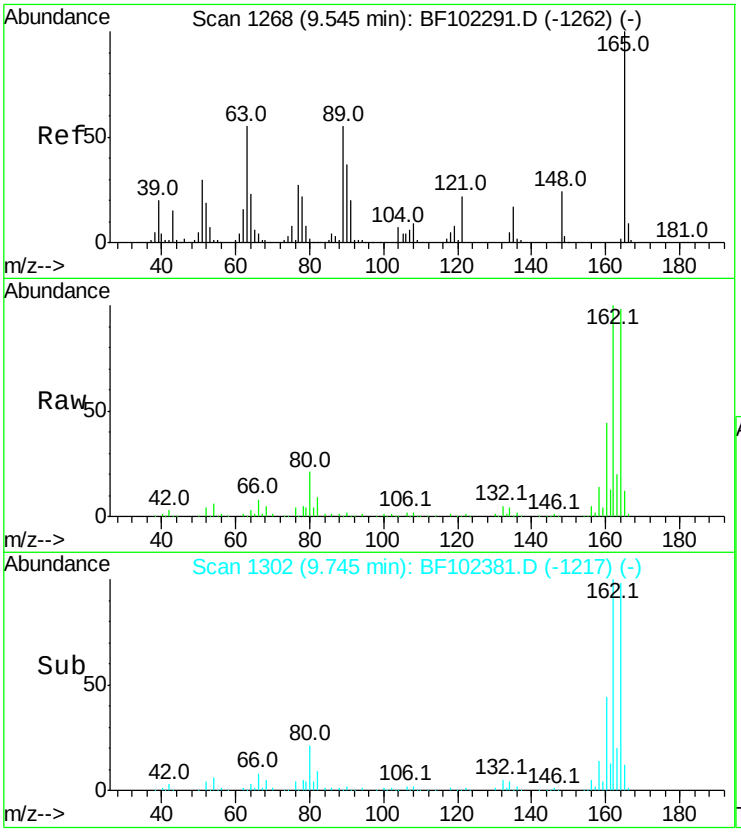


#48
Acenaphthylene
Concen: 2.105 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:152 Resp: 48704

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.3	24.5
153	14.7	10.7	16.1



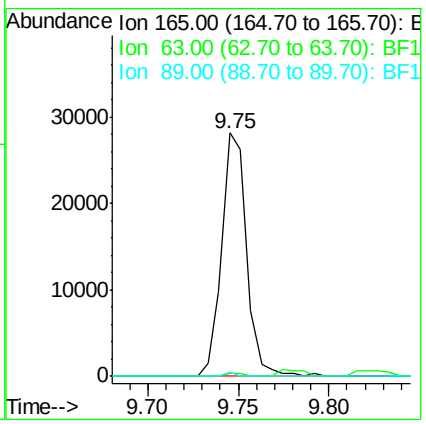


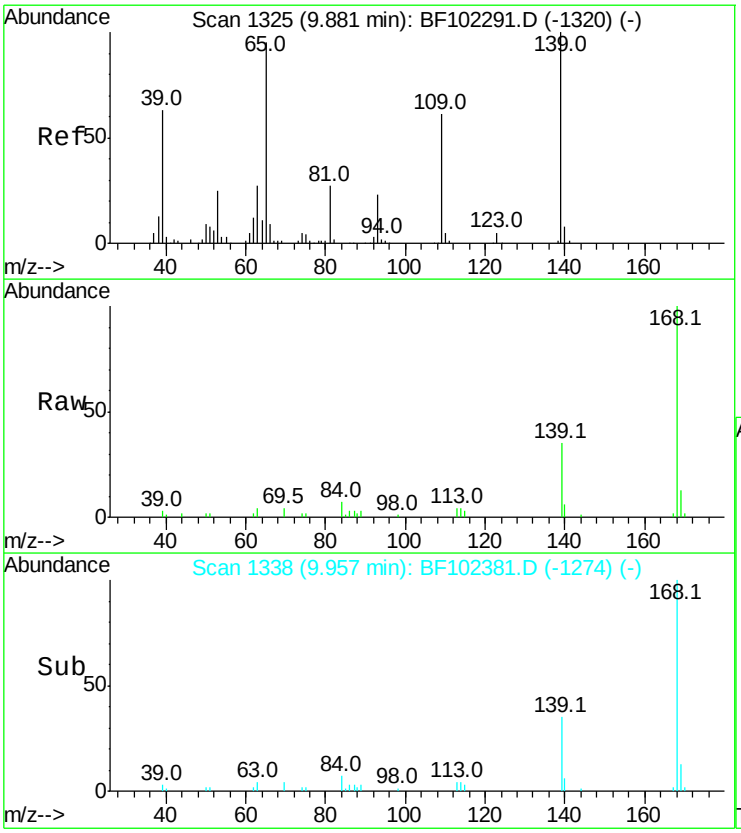
#50
2,6-Dinitrotoluene
Concen: 7.074 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26935

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	2.0	44.0	66.0#

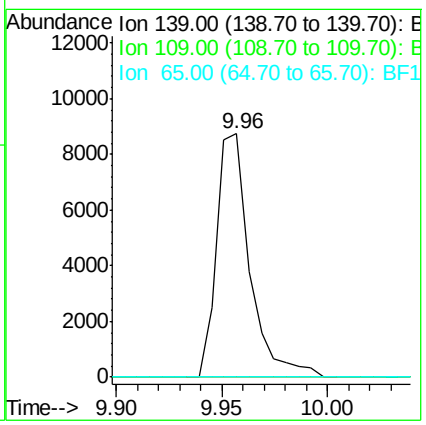


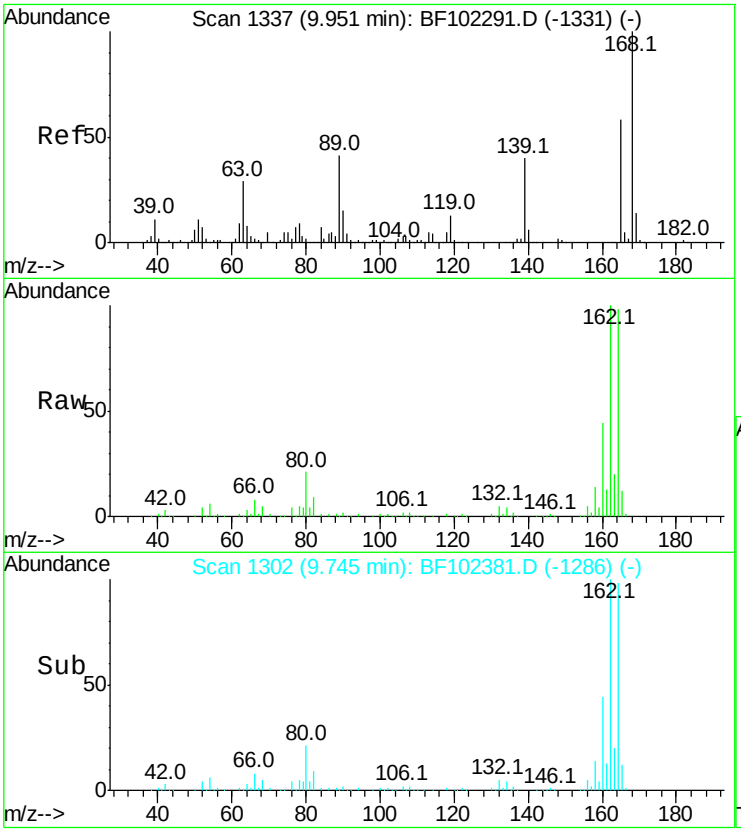


#55
4-Nitrophenol
Concen: 3.209 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.08 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:139 Resp: 9541

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



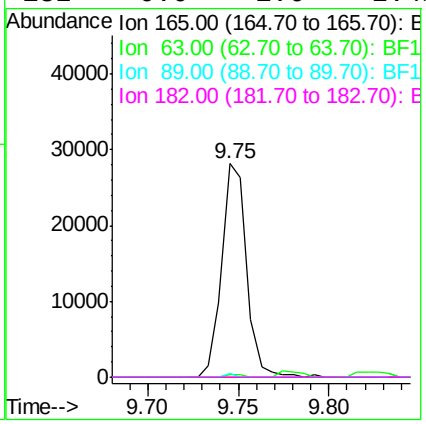


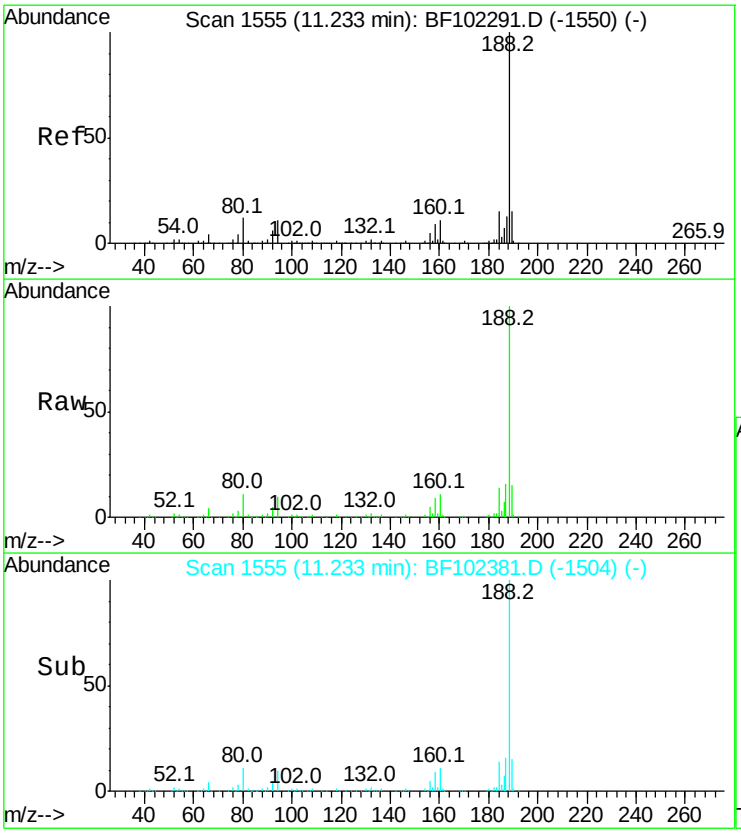
#56
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26935

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

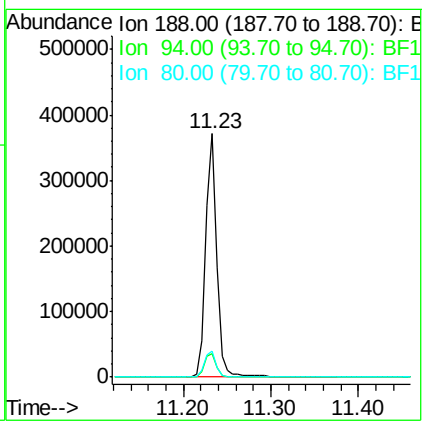


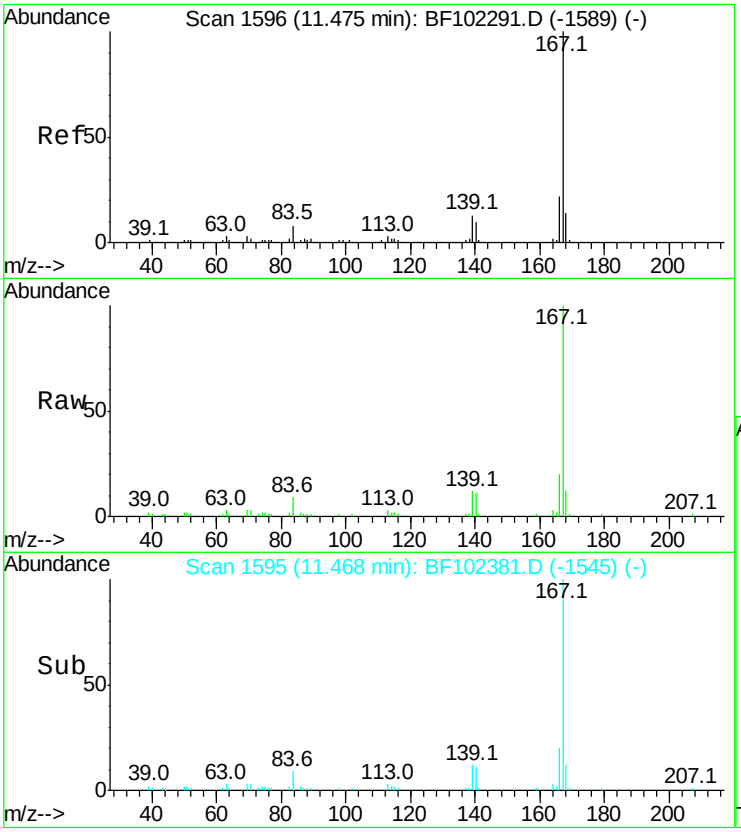


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:188 Resp: 330271

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.6	9.2	13.8



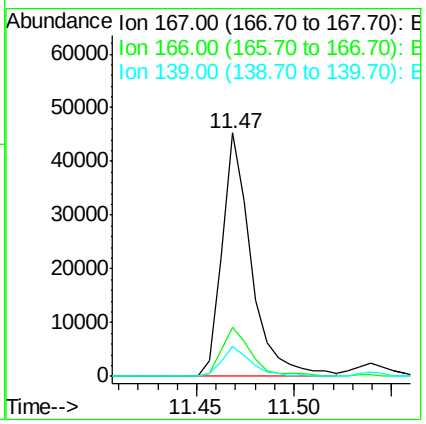


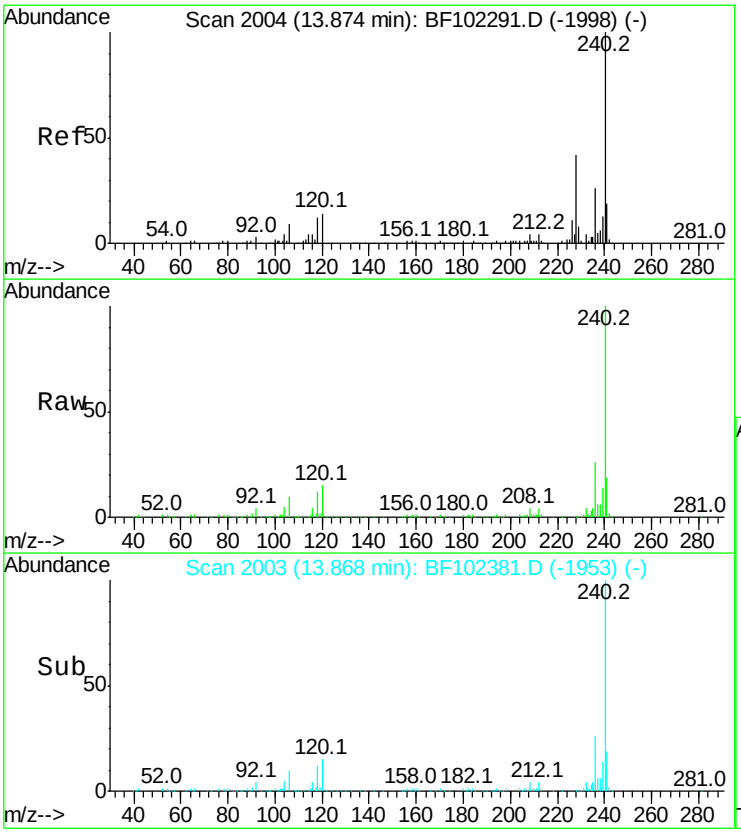
#72
Carbazole
Concen: 2.450 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 46956

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.6	26.4
139	12.5	10.9	16.3

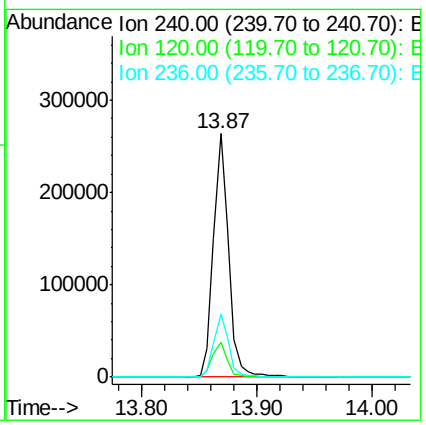


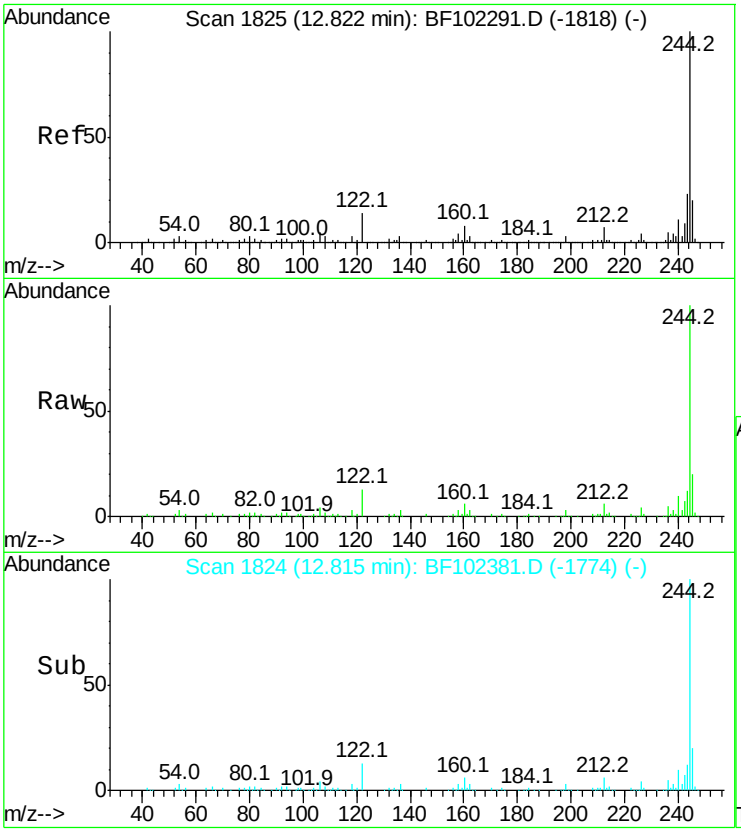


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:240 Resp: 241091

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	26.1	20.7	31.1



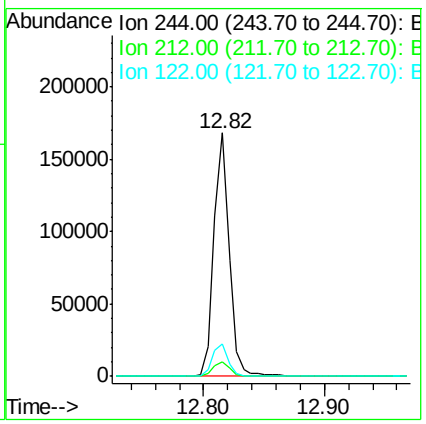


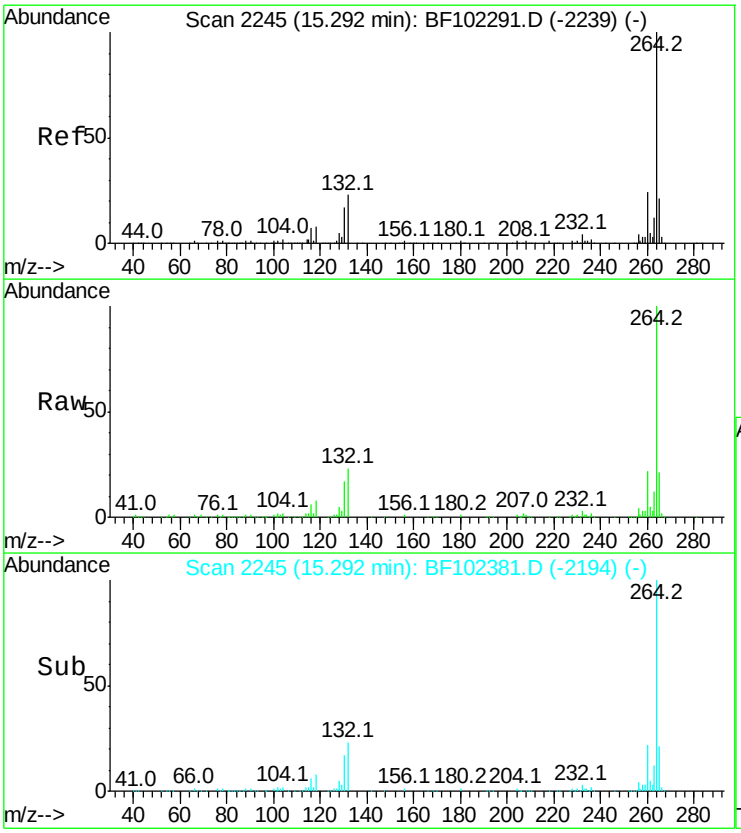
#78
Terphenyl-d14
Concen: 13.602 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102381.D
Acq: 24 Jan 2018 10:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 145462

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	13.2	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: BF102381.D
Acq: 24 Jan 2018 10:11

Tgt Ion:264 Resp: 215826

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.2	17.5	26.3