Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102379.D
Acq On : 24 Jan 2018 9:17
Operator : SJ/JU
Sample : J1239-13DL 25X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 10:06:27 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	125480	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	515034	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	220090	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	335172	20.00	ng		0.00
75) Chrysene-d12	13.87	240	249064	20.00	ng		0.00
86) Perylene-d12	15.29	264	221905	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	38239	4.62	ng		0.00
7) Phenol-d6	6.35	99	46060	4.62	ng		0.00
23) Nitrobenzene-d5	7.27	82	32554	3.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	8772	4.02	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	74321	4.97	ng		-0.01
78) Terphenyl-d14	12.82	244	53812	4.87	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.10	79	26579	2.587	ng		97
6) Aniline	6.37	93	65486	4.962	ng	#	1
10) Phenol	6.37	94	1012759	92.981	ng		98
11) bis(2-Chloroethyl)ether	6.37	93	65486	7.905	ng	#	40
15) Benzyl Alcohol	6.97	79	69720	9.904	ng	#	1
17) 2-Methylphenol	6.97	107	169338	22.476	ng		95
20) 3+4-Methylphenols	7.13	107	565790	63.852	ng		87
25) Isophorone	7.27	82	32554	2.037	ng	#	64
27) 2,4-Dimethylphenol	7.66	122	81954	11.692	ng		97
31) Naphthalene	8.02	128	894051	34.768	ng		100
32) Benzoic acid	7.80	122	80180	13.653	ng	#	13
33) 4-Chloroaniline	8.02	127	119343	11.037	ng	#	35
48) Acenaphthylene	9.61	152	54126	2.271	ng		98
50) 2,6-Dinitrotoluene	9.74	165	26766	6.824	ng	#	26
56) 2,4-Dinitrotoluene	9.74	165	26766	5.549	ng	#	23
72) Carbazole	11.47	167	52280	2.688	ng		97
76) Benzidine	12.57	184	28372	3.391	ng	#	94

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

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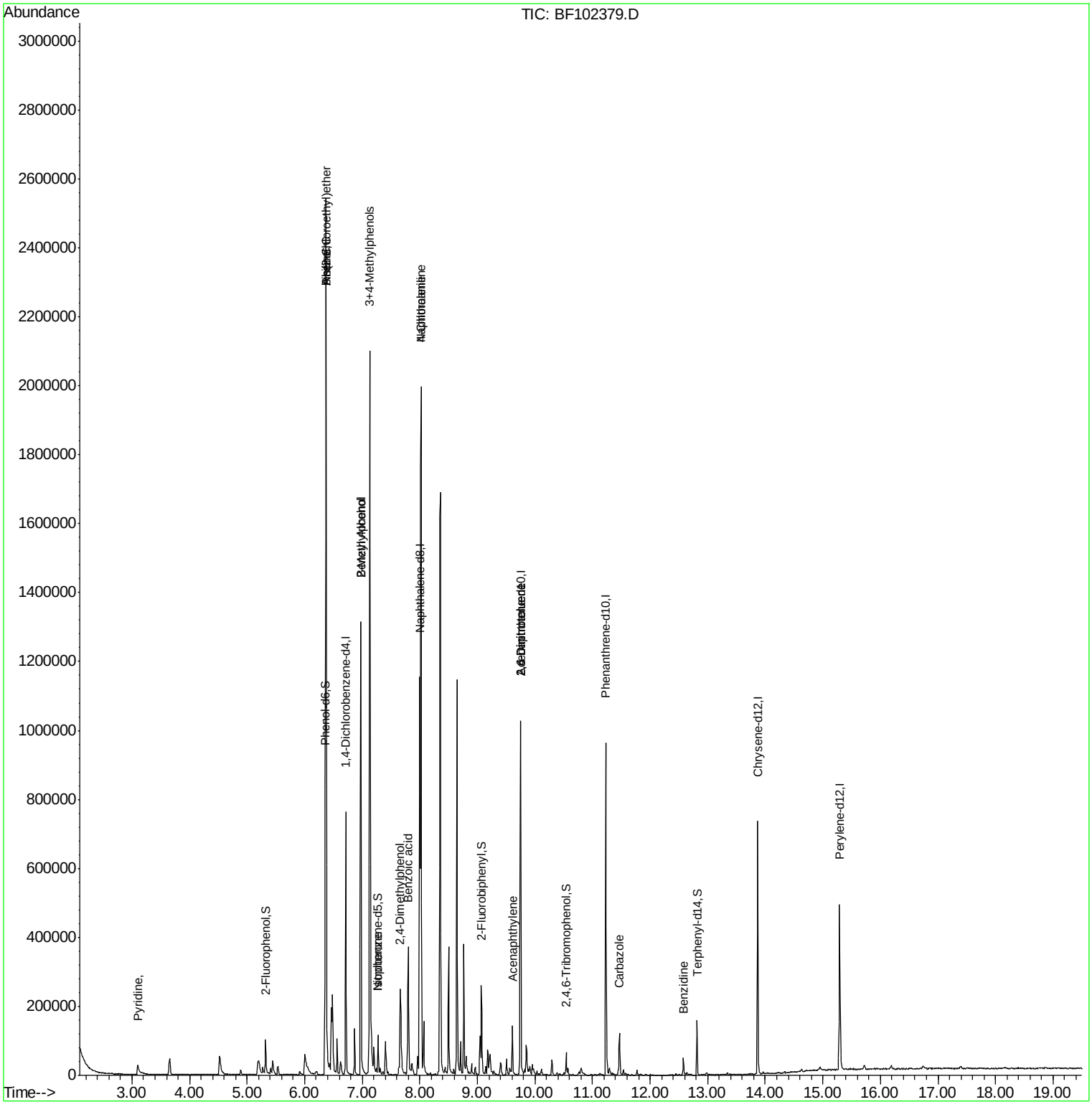
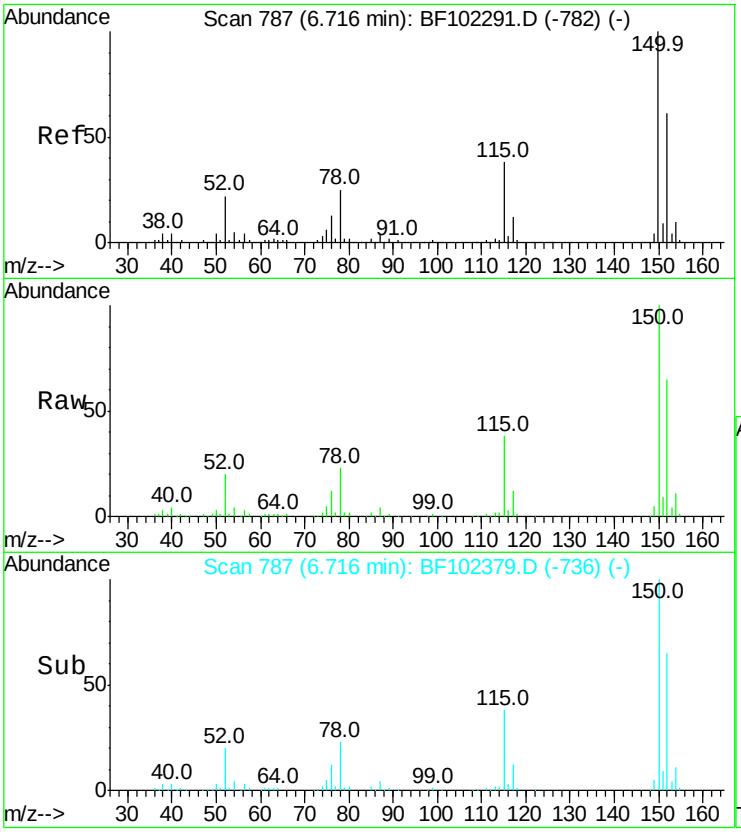


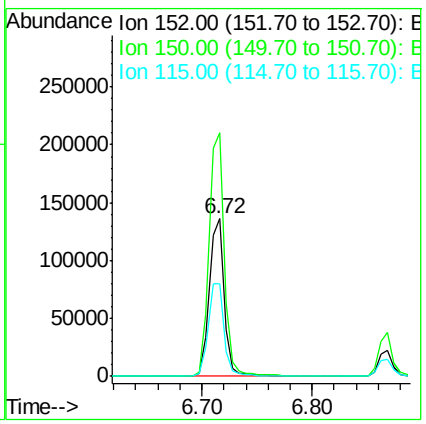


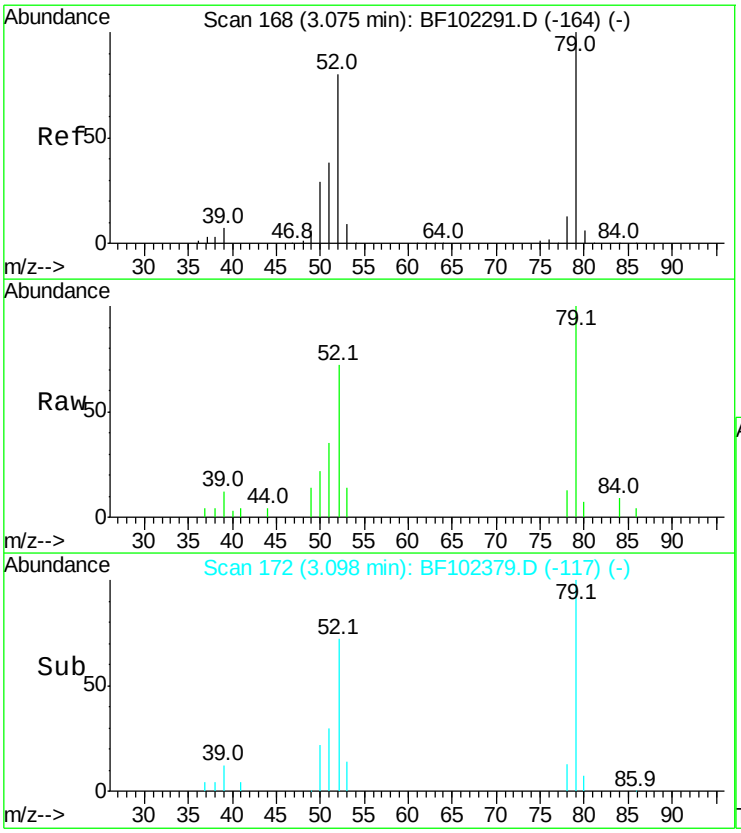
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125480

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	58.6	50.1	75.1

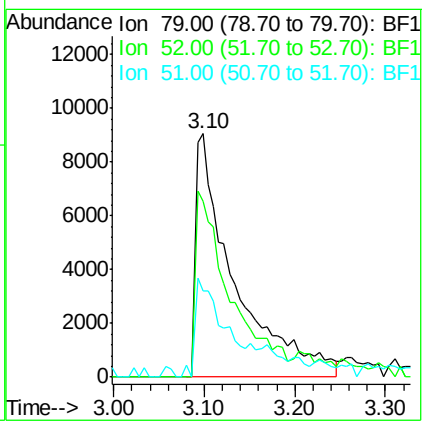


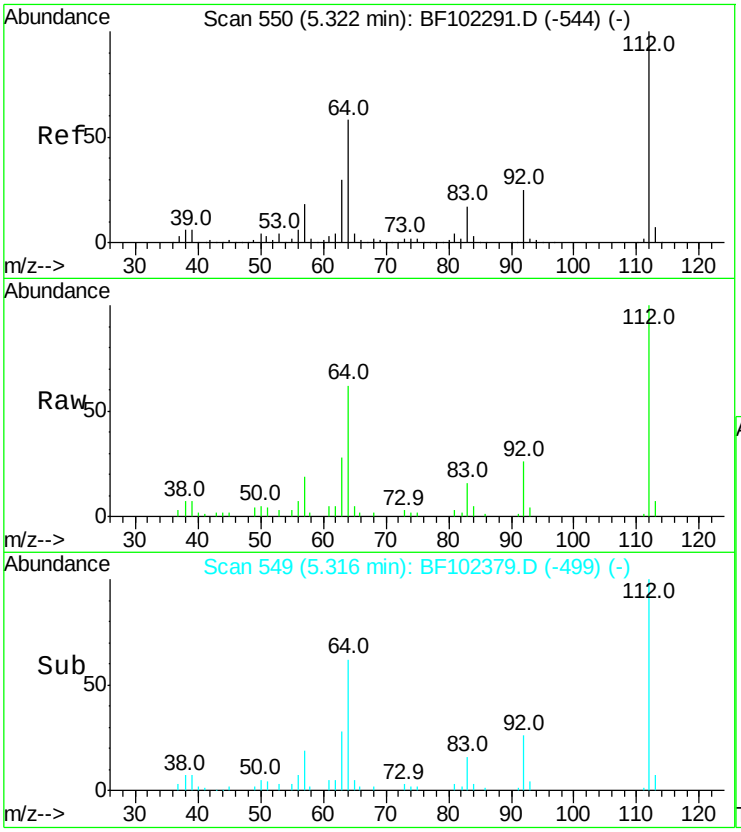


#3
Pyridine
Concen: 2.587 ng
RT: 3.10 min Scan# 172
Delta R.T. 0.02 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 79 Resp: 26579

Ion	Ratio	Lower	Upper
79	100		
52	72.1	59.8	89.6
51	35.3	29.8	44.8



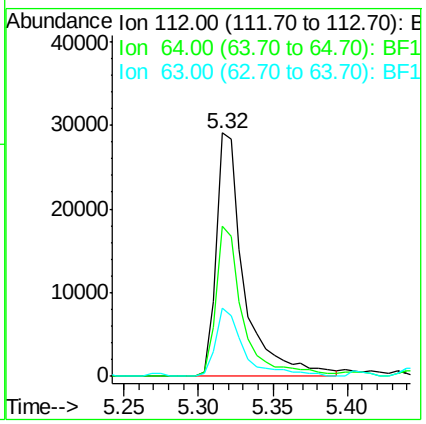


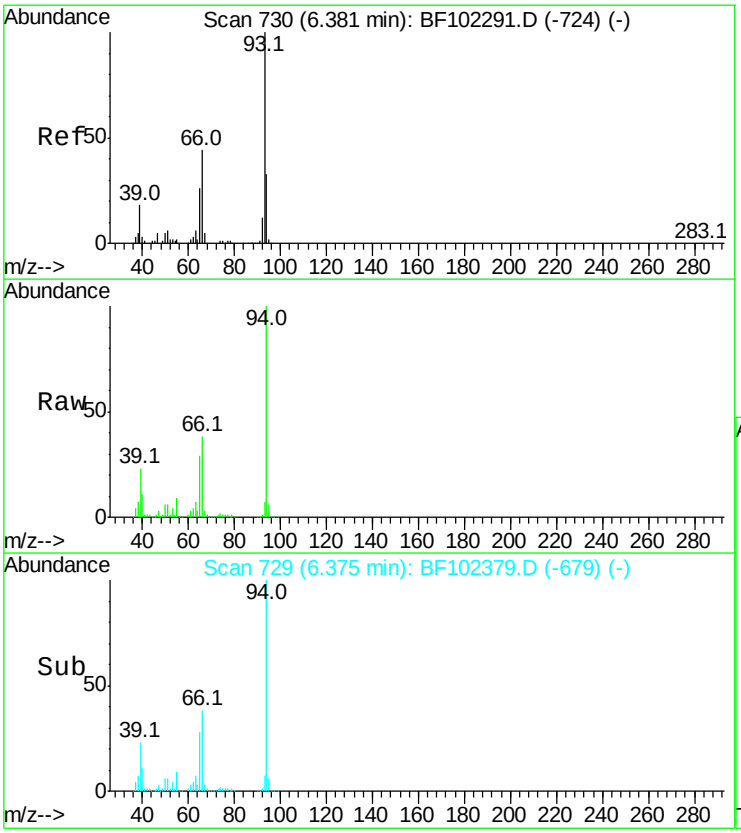
#5
2-Fluorophenol
Concen: 4.621 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 38239

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.9	71.9
63	28.1	23.7	35.5

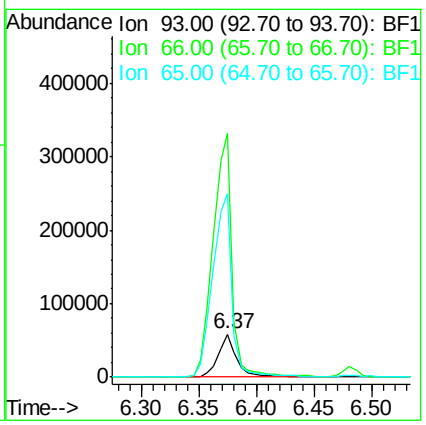


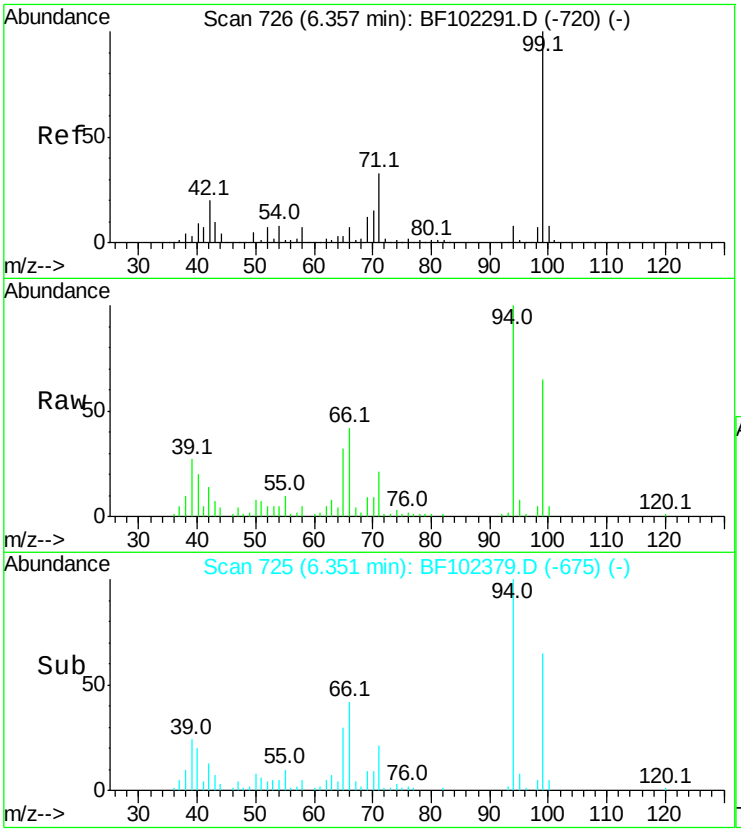


#6
Aniline
Concen: 4.962 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 93 Resp: 65486

Ion	Ratio	Lower	Upper
93	100		
66	569.1	32.2	48.2#
65	429.1	16.4	24.6#



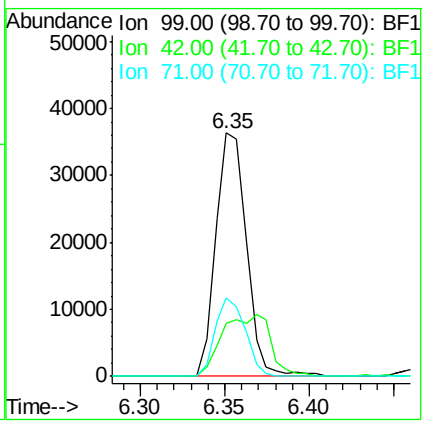


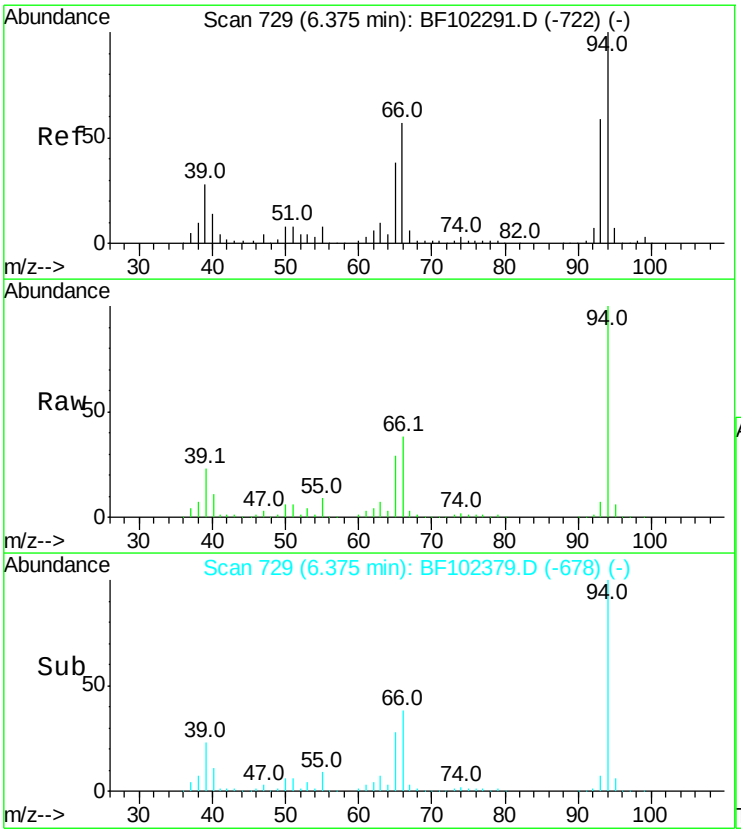
#7
Phenol-d6
Concen: 4.617 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 46060

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	32.5	25.4	38.0

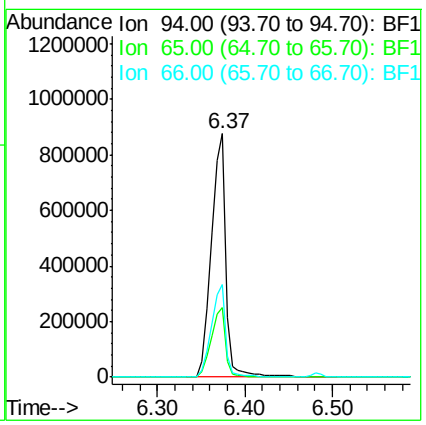


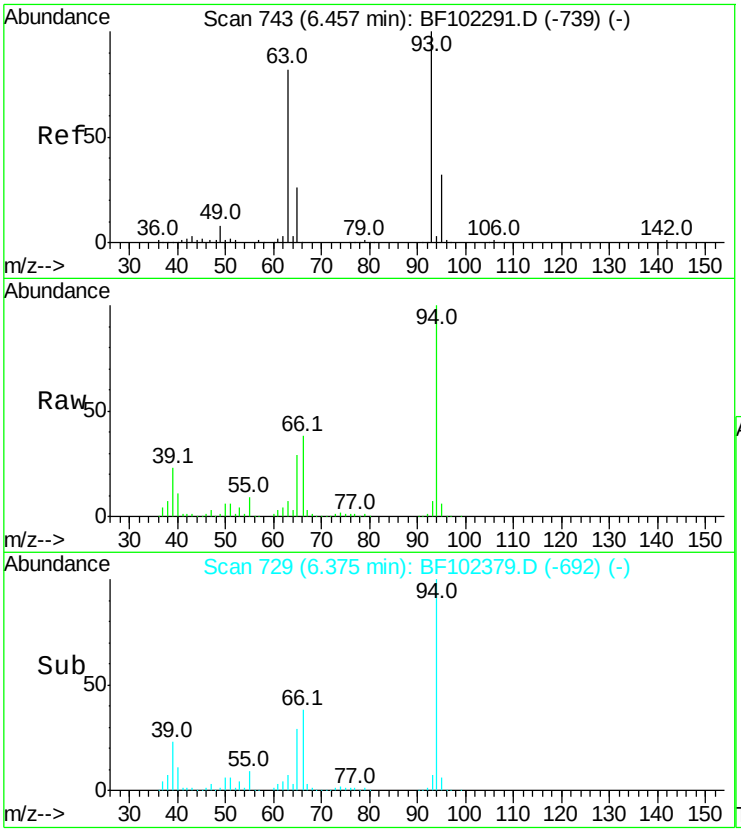


#10
Phenol
Concen: 92.981 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 94 Resp: 1012759

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	37.8	16.2	56.2



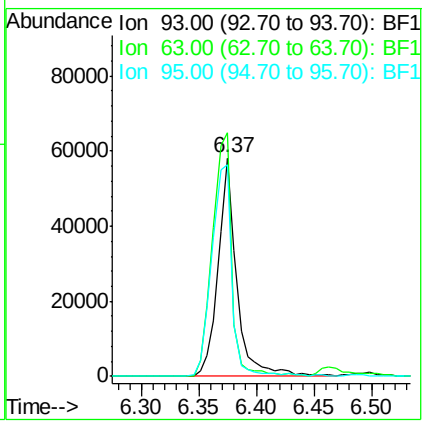


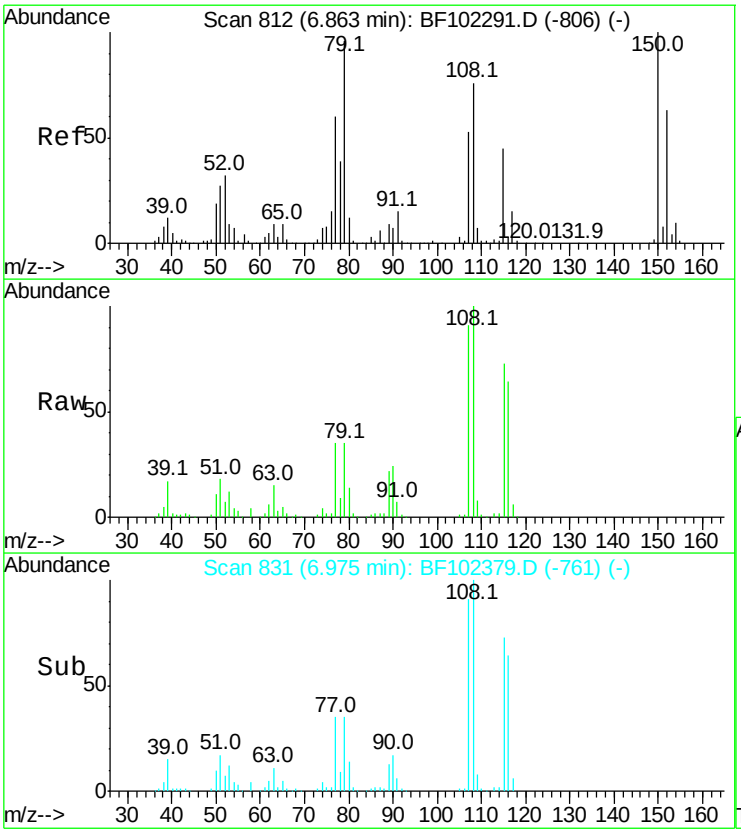
#11
bis(2-Chloroethyl)ether
Concen: 7.905 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.08 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 65486

Ion	Ratio	Lower	Upper
93	100		
63	111.4	58.6	98.6#
95	97.0	11.8	51.8#

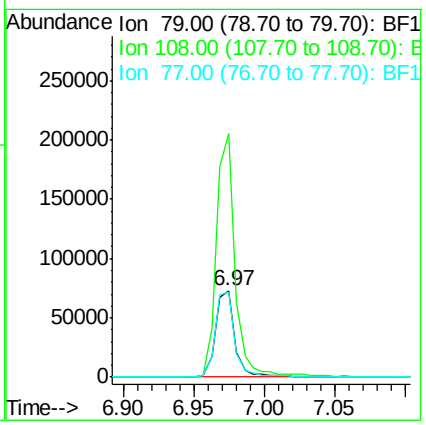


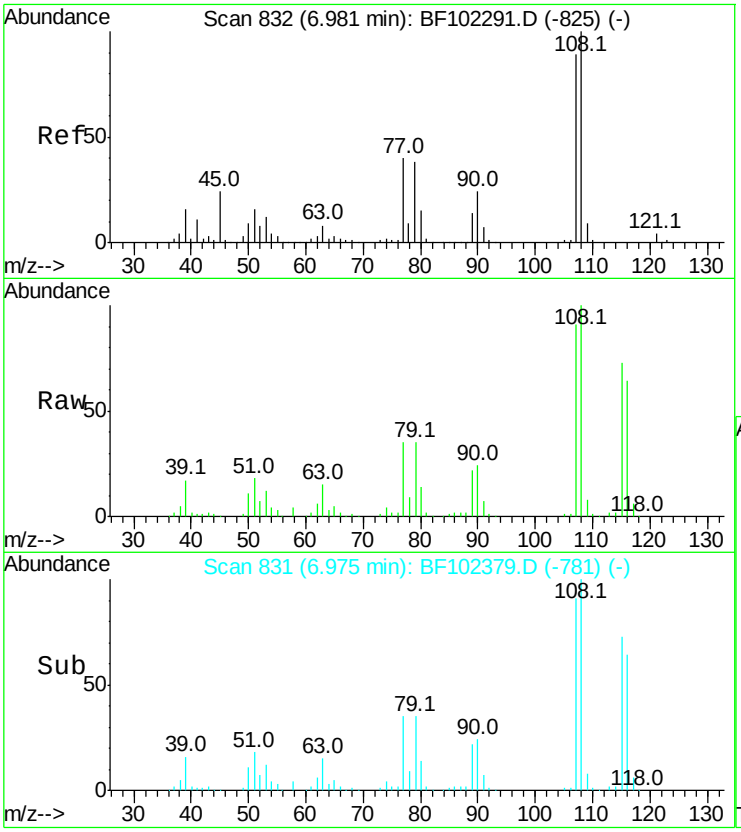


#15
Benzyl Alcohol
Concen: 9.904 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.11 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 79 Resp: 69720

Ion	Ratio	Lower	Upper
79	100		
108	281.8	65.1	97.7#
77	97.8	50.6	75.8#



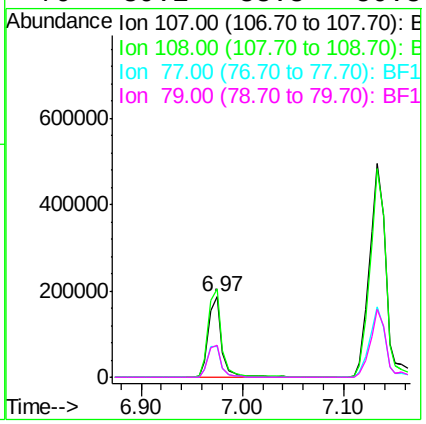


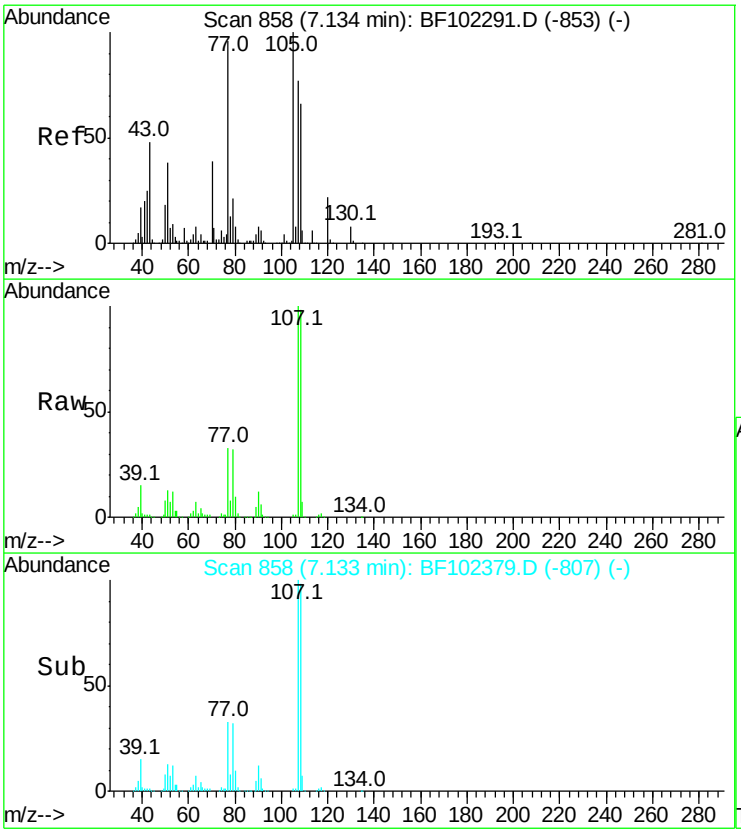
#17
2-Methylphenol
Concen: 22.476 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 169338

Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.7	137.5
77	38.3	33.8	50.8
79	39.1	33.8	50.8

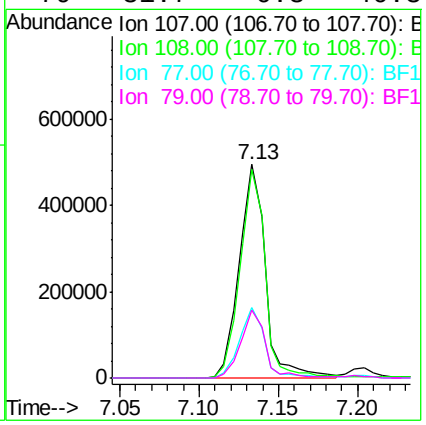


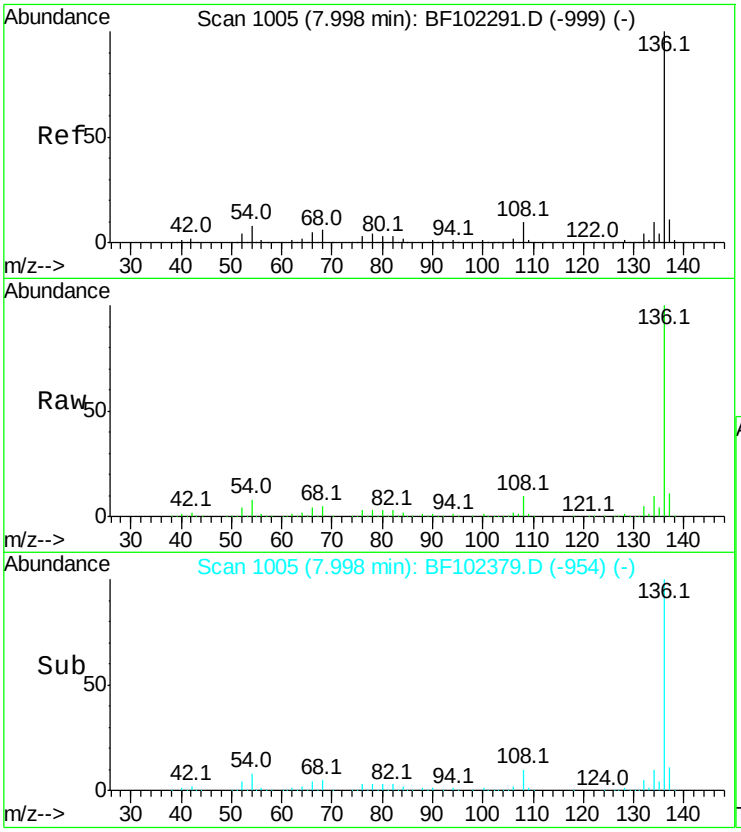


#20
3+4-Methylphenols
Concen: 63.852 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:107 Resp: 565790

Ion	Ratio	Lower	Upper
107	100		
108	97.9	68.2	108.2
77	33.0	26.7	66.7
79	31.7	6.3	46.3



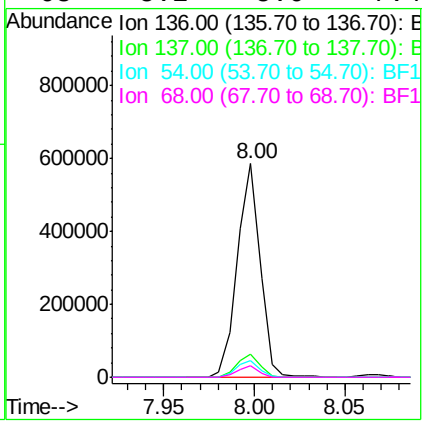


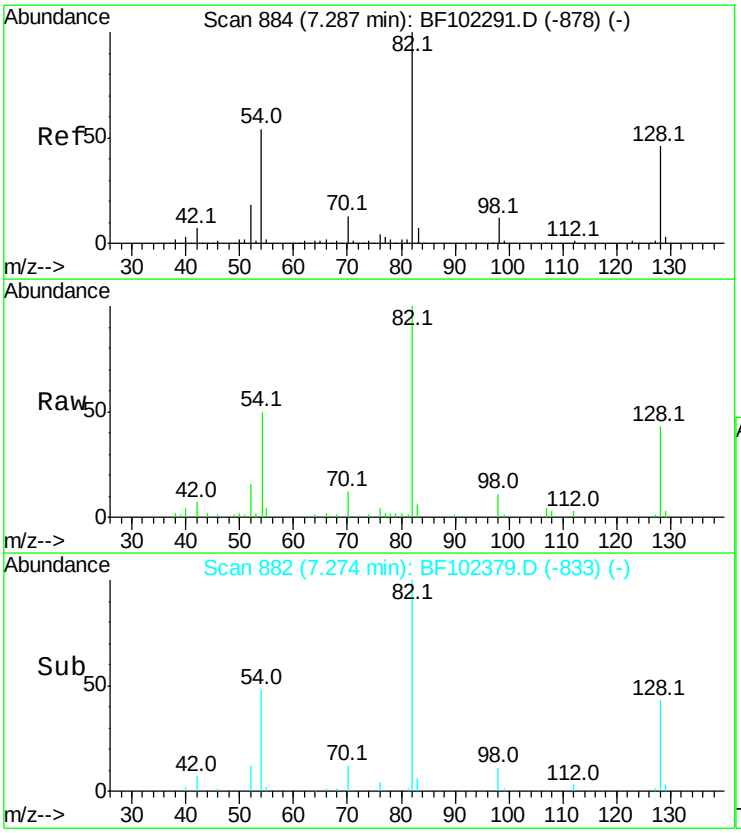
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 515034

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	5.2	5.0	7.4

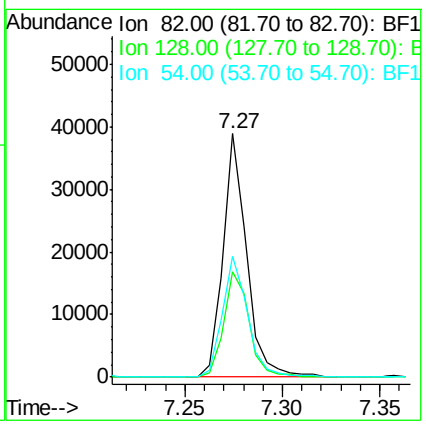


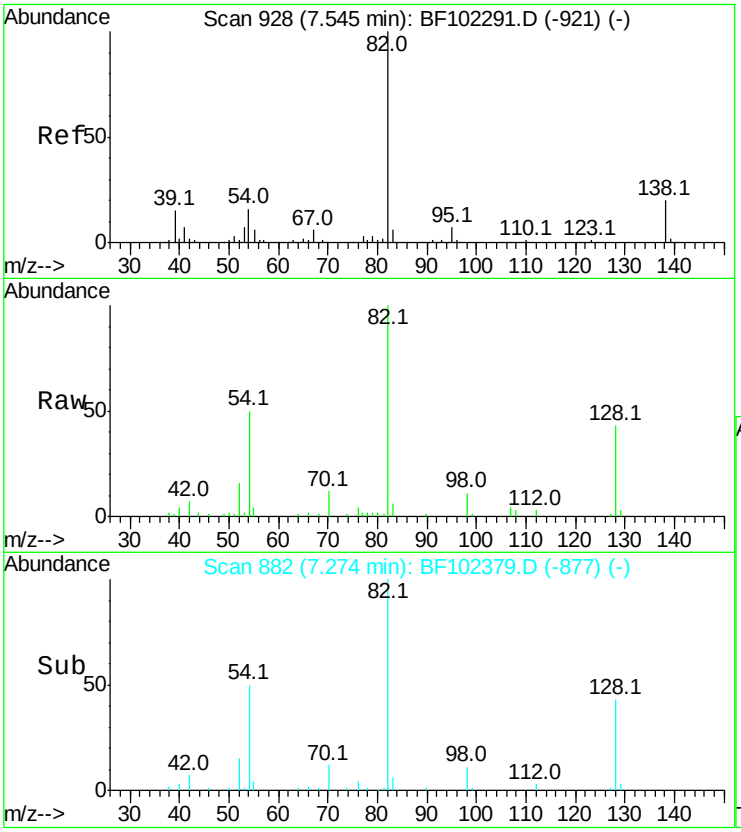


#23
Nitrobenzene-d5
Concen: 3.632 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion: 82 Resp: 32554

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	49.7	41.4	62.2



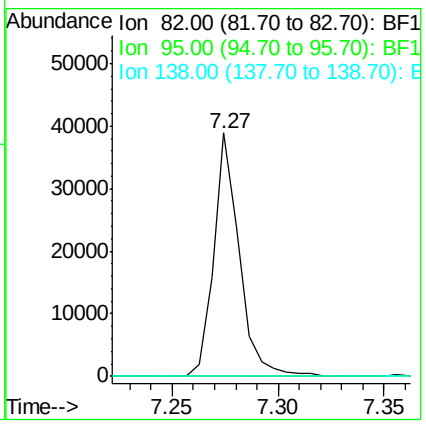


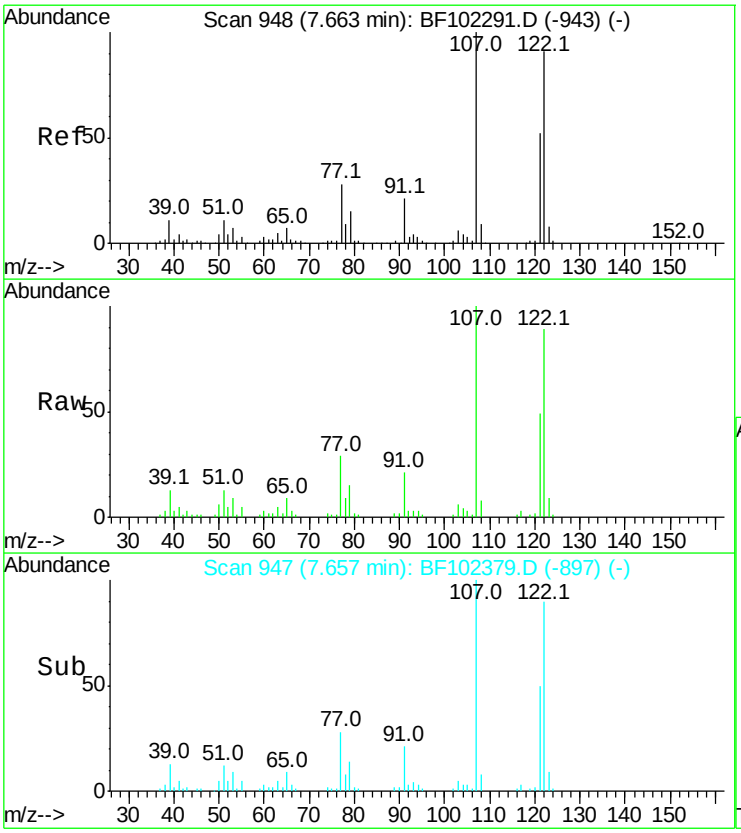
#25
Isophorone
Concen: 2.037 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 32554

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

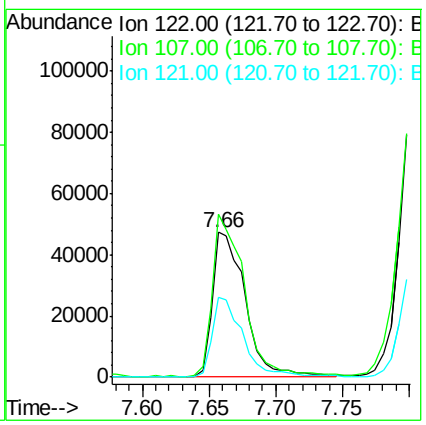


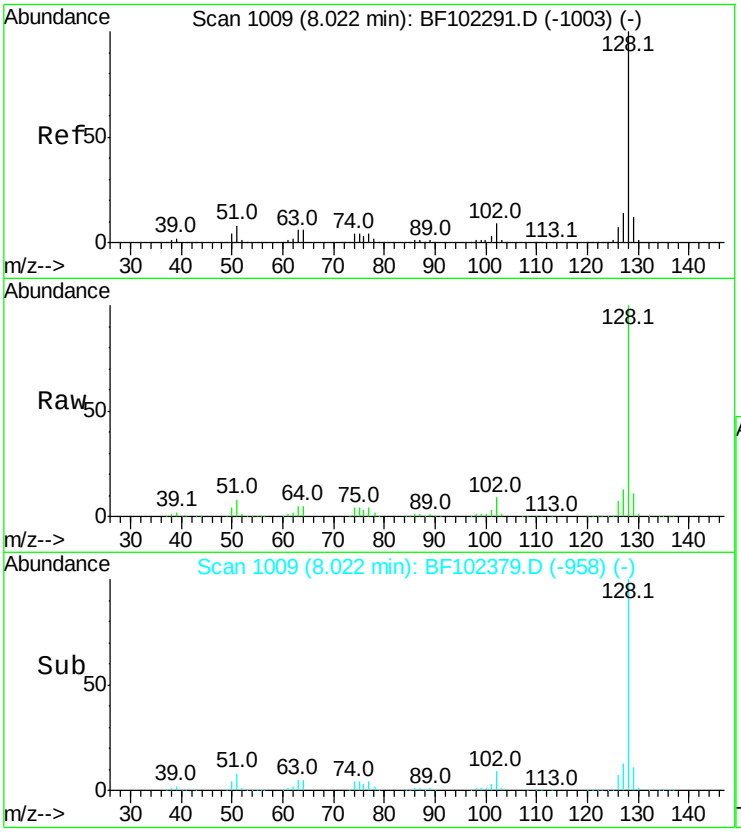


#27
2,4-Dimethylphenol
Concen: 11.692 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:122 Resp: 81954

Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	55.3	47.2	70.8



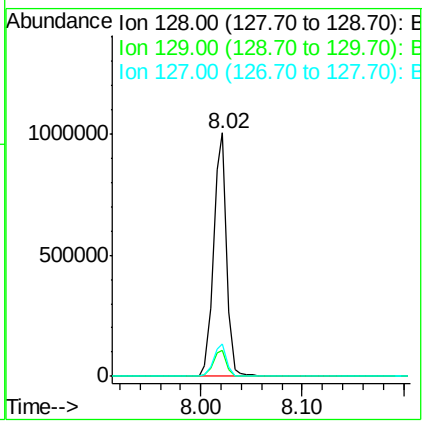


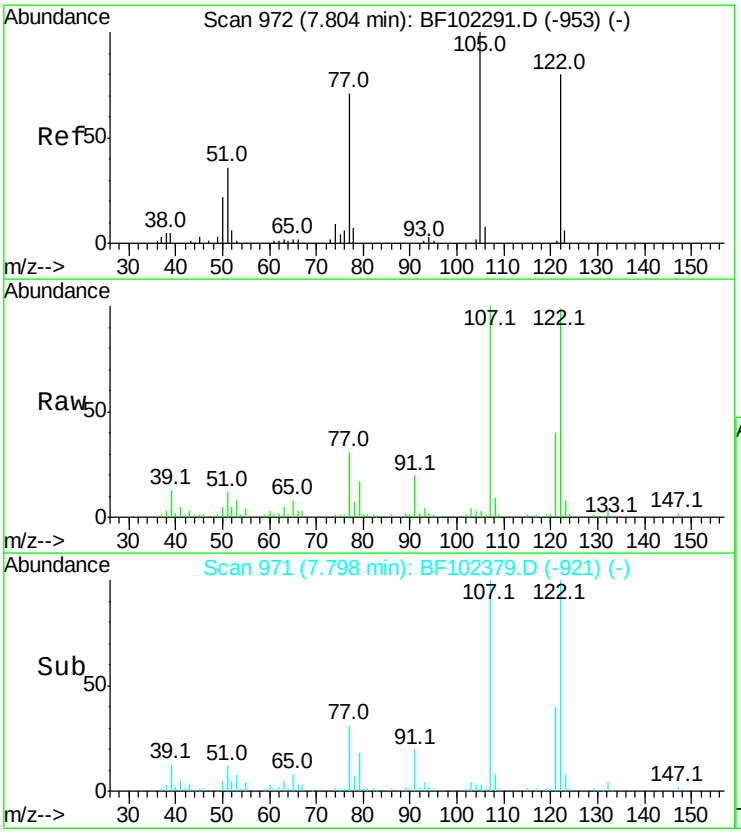
#31
Naphthalene
Concen: 34.768 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 894051

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.5	10.9	16.3

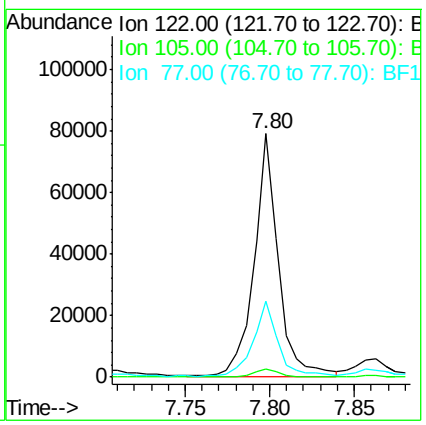


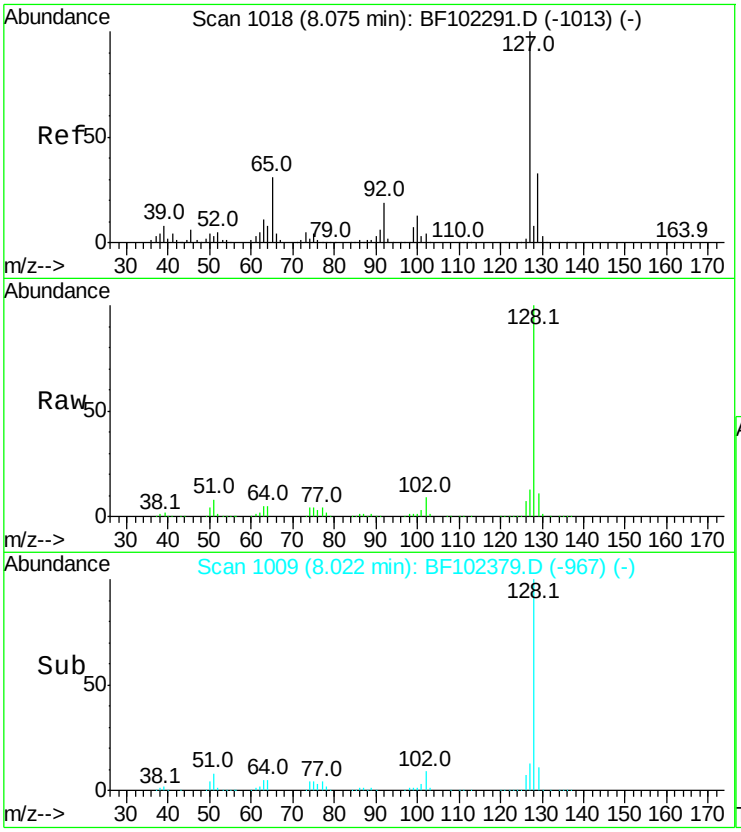


#32
Benzoic acid
Concen: 13.653 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:122 Resp: 80180

Ion	Ratio	Lower	Upper
122	100		
105	3.4	101.1	141.1#
77	31.2	70.7	110.7#



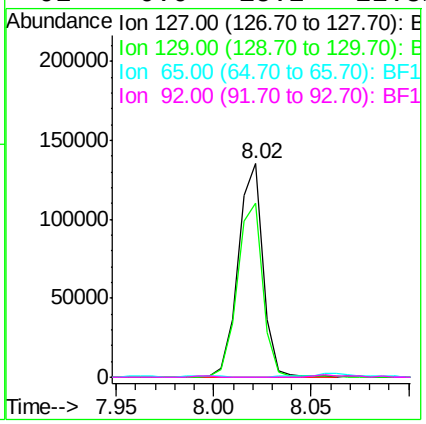


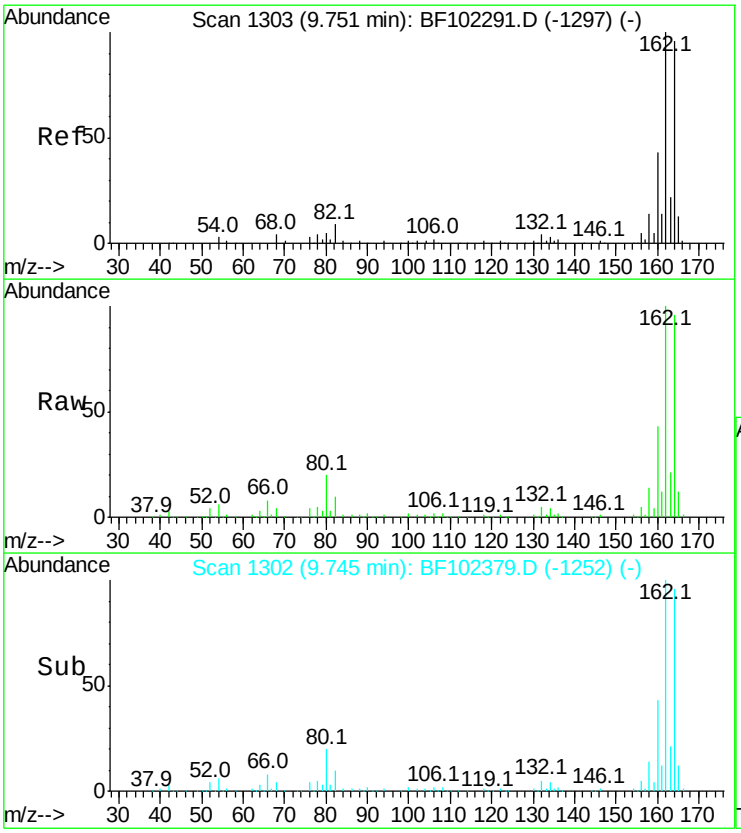
#33
4-Chloroaniline
Concen: 11.037 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 119343

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

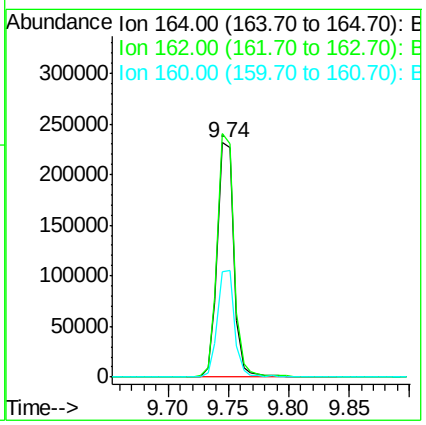


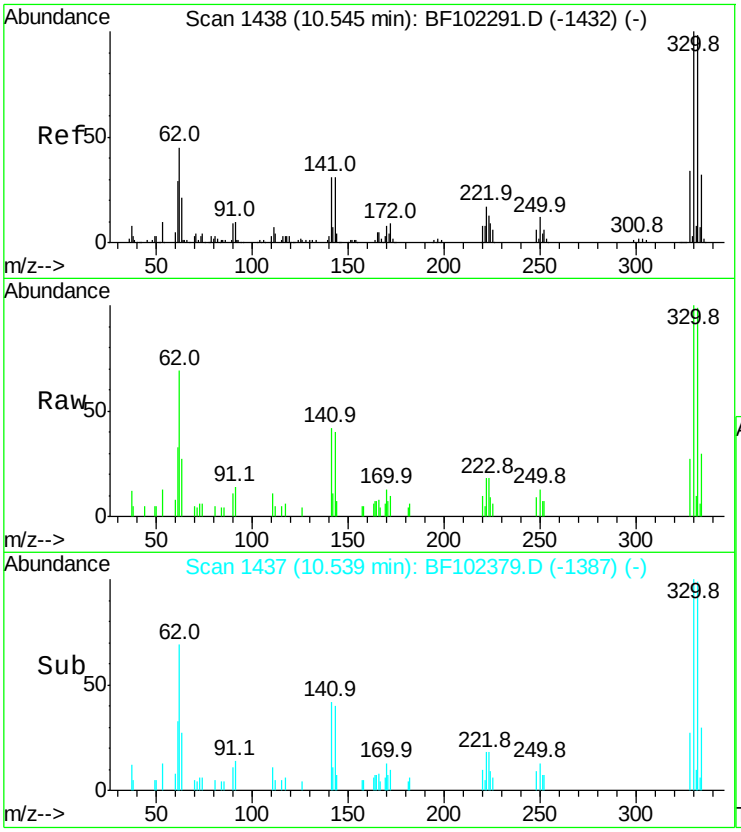


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:164 Resp: 220090

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.0	38.3	57.5



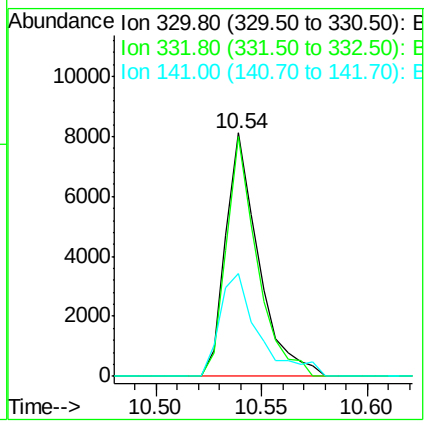


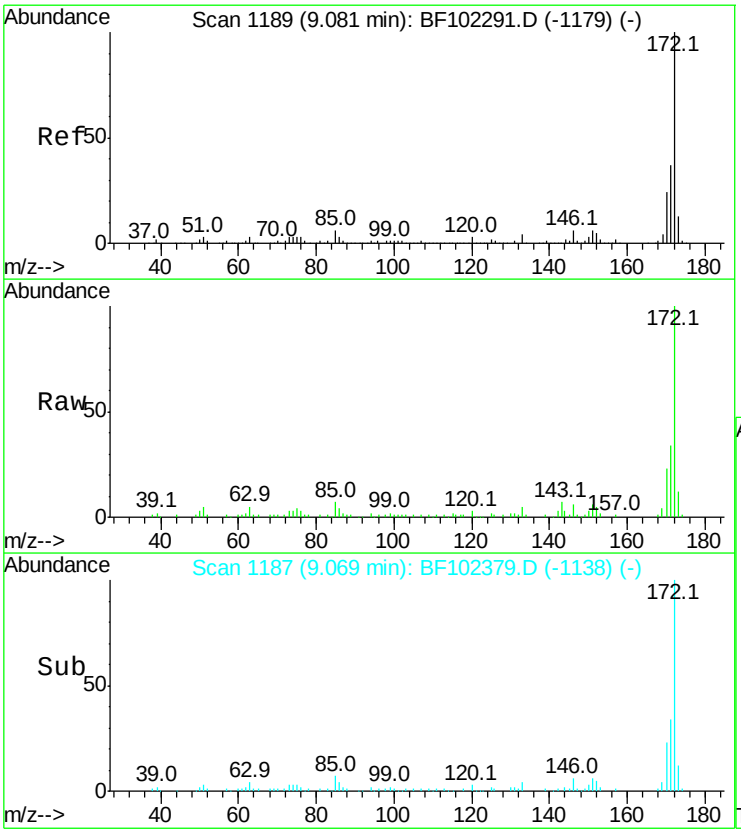
#41
2,4,6-Tribromophenol
Concen: 4.022 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8772

Ion	Ratio	Lower	Upper
330	100		
332	91.8	77.0	115.6
141	49.7	29.9	44.9#

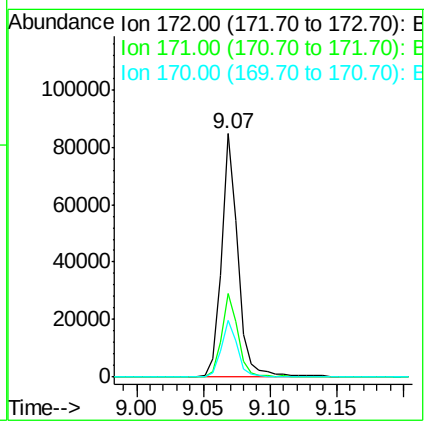


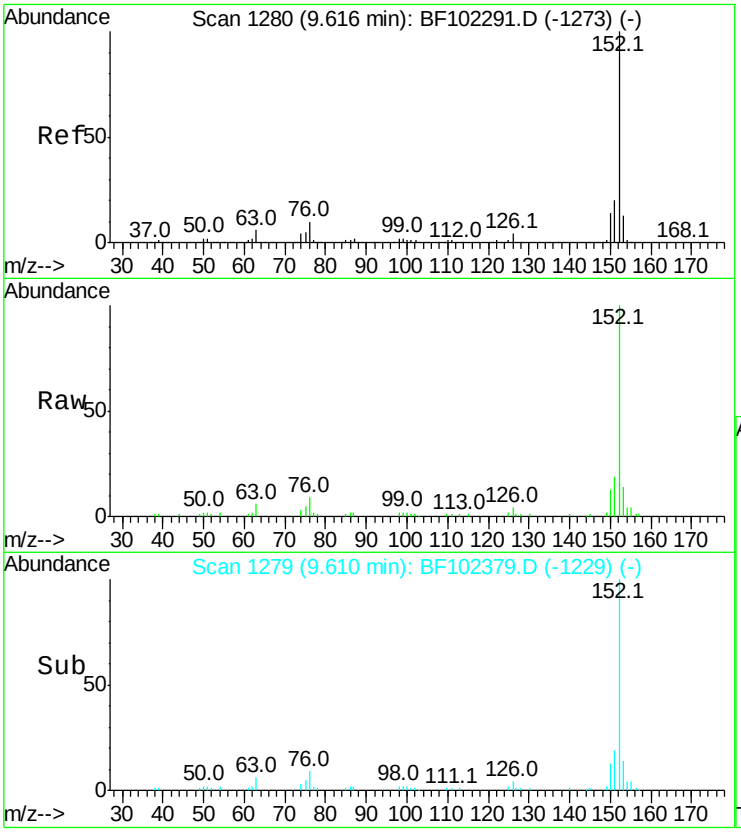


#44
2-Fluorobiphenyl
Concen: 4.965 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:172 Resp: 74321

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	23.5	19.6	29.4



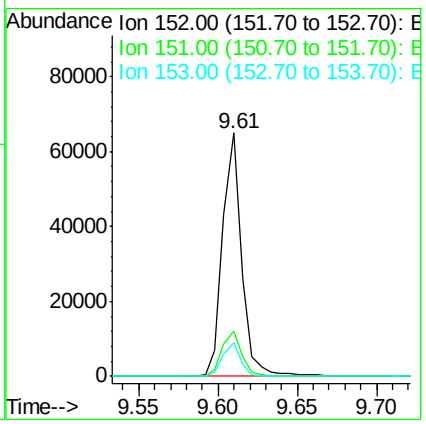


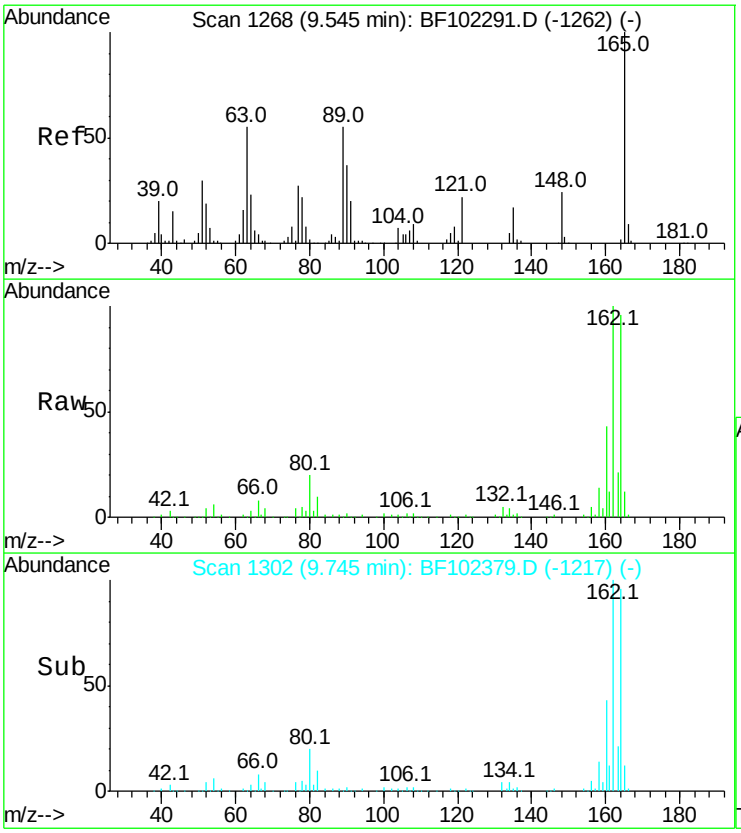
#48
Acenaphthylene
Concen: 2.271 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 54126

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	13.7	10.7	16.1

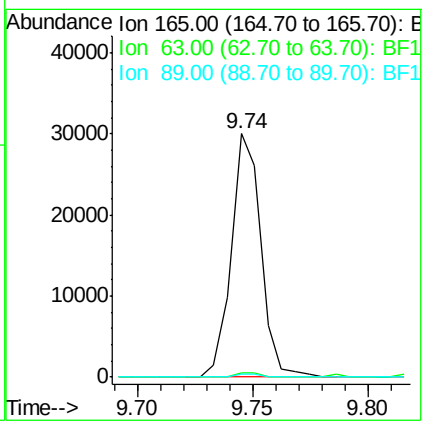


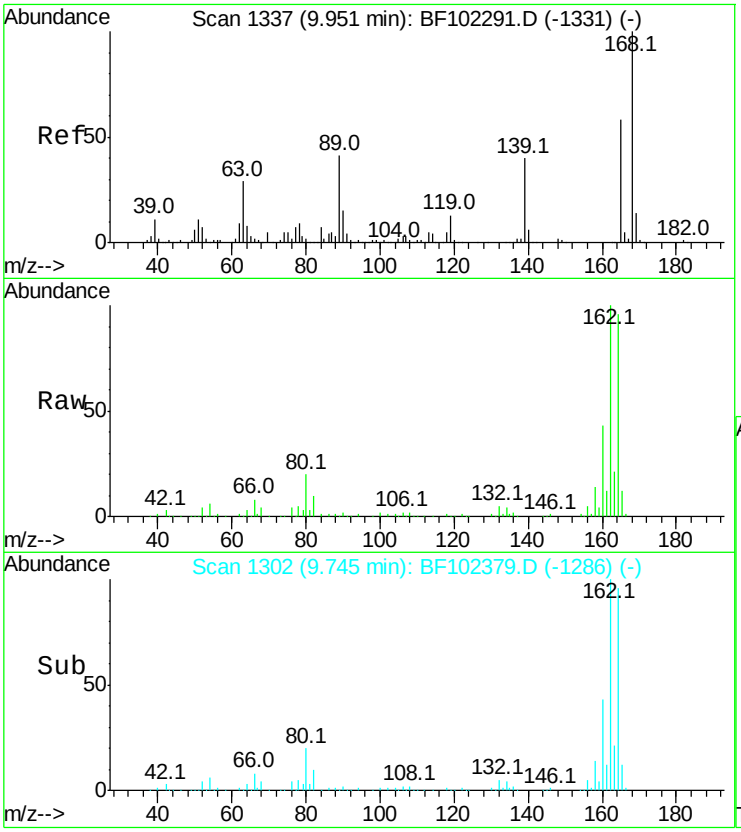


#50
2,6-Dinitrotoluene
Concen: 6.824 ng
RT: 9.74 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:165 Resp: 26766

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#



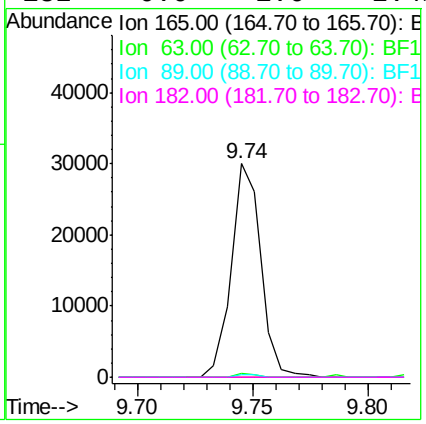


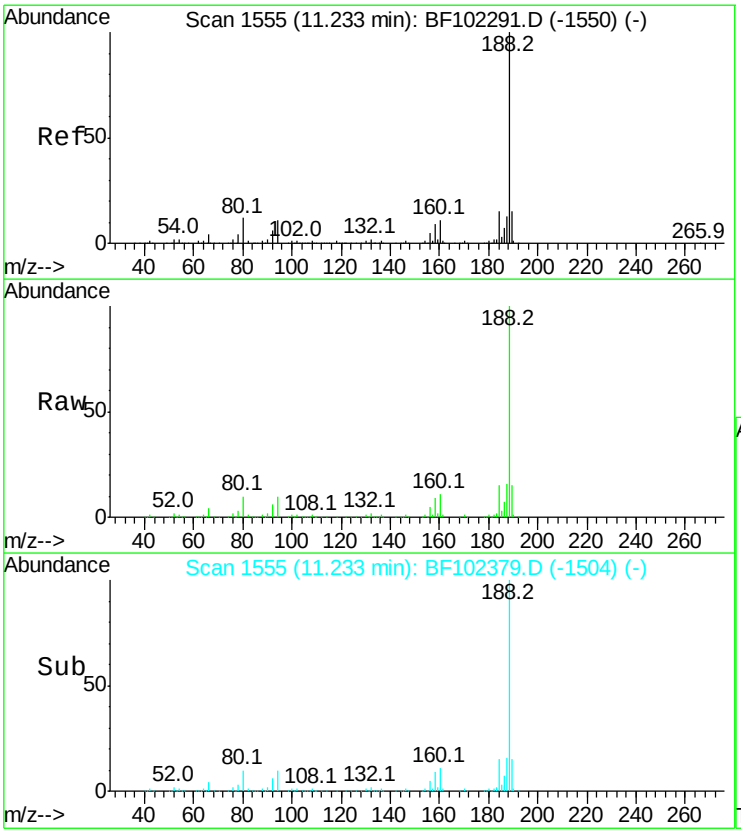
#56
2,4-Dinitrotoluene
Concen: 5.549 ng
RT: 9.74 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26766

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

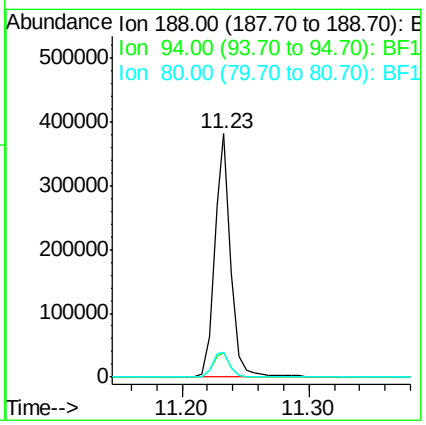


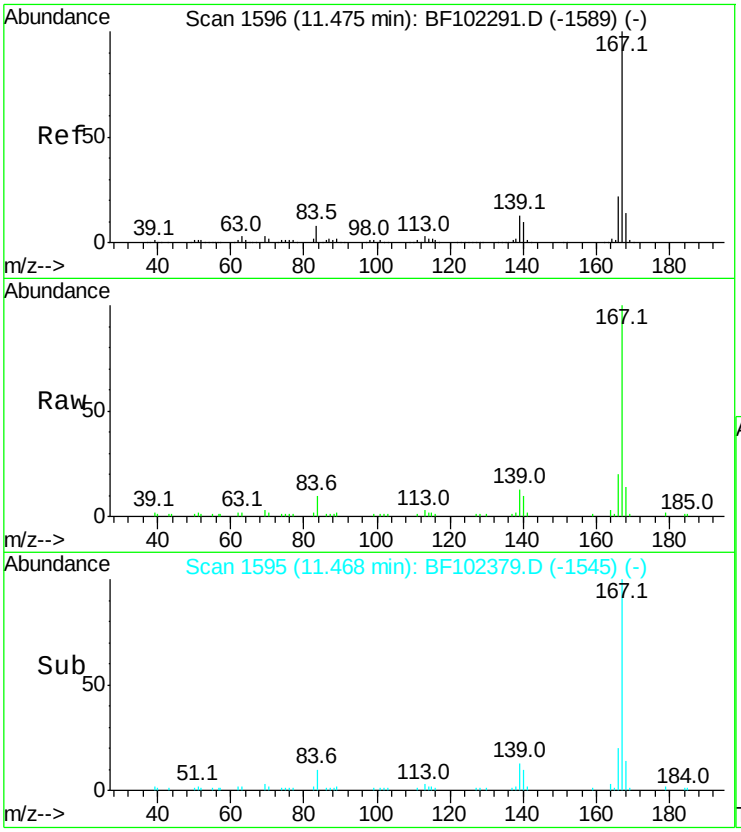


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:188 Resp: 335172

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.0	9.2	13.8



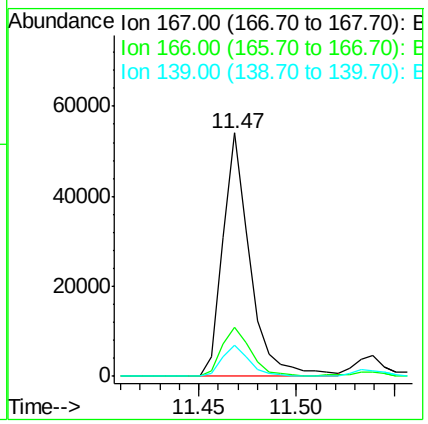


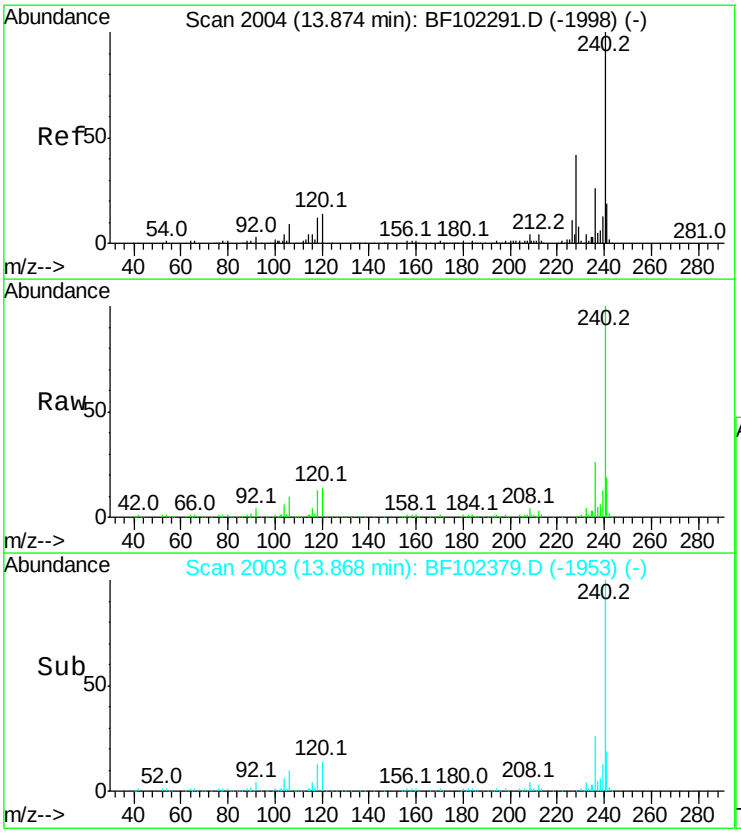
#72
Carbazole
Concen: 2.688 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 52280

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.6	26.4
139	12.9	10.9	16.3

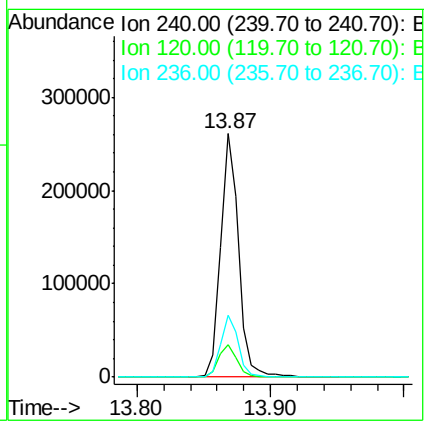


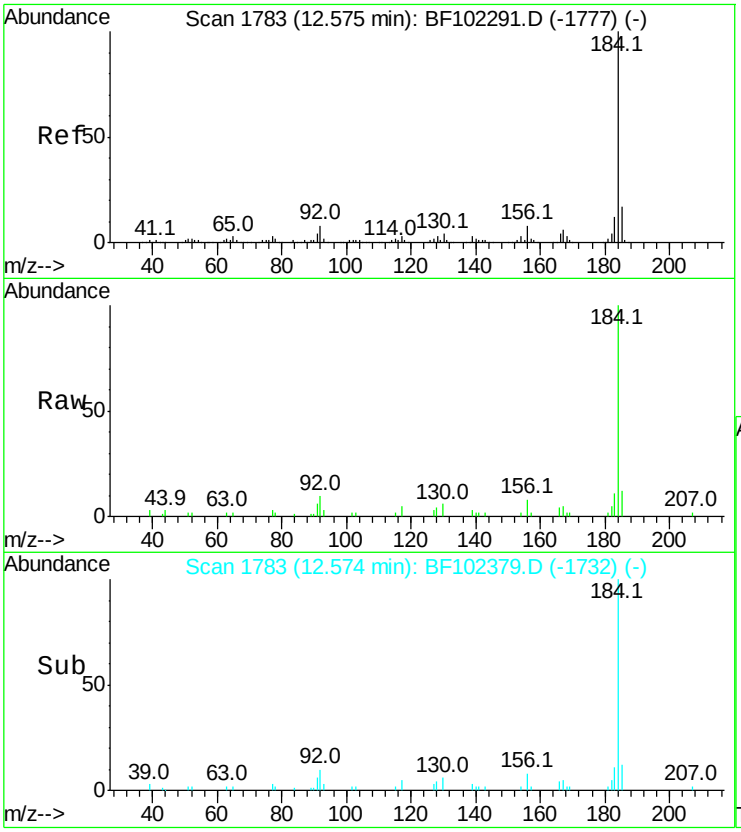


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:240 Resp: 249064

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.5	20.7	31.1



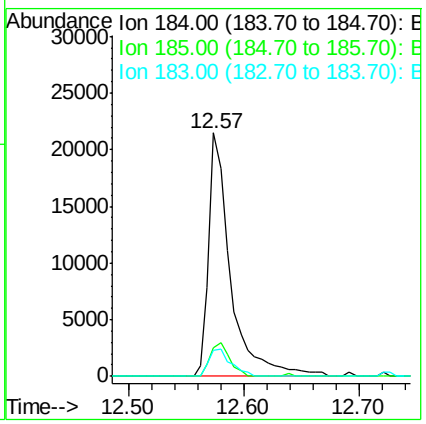


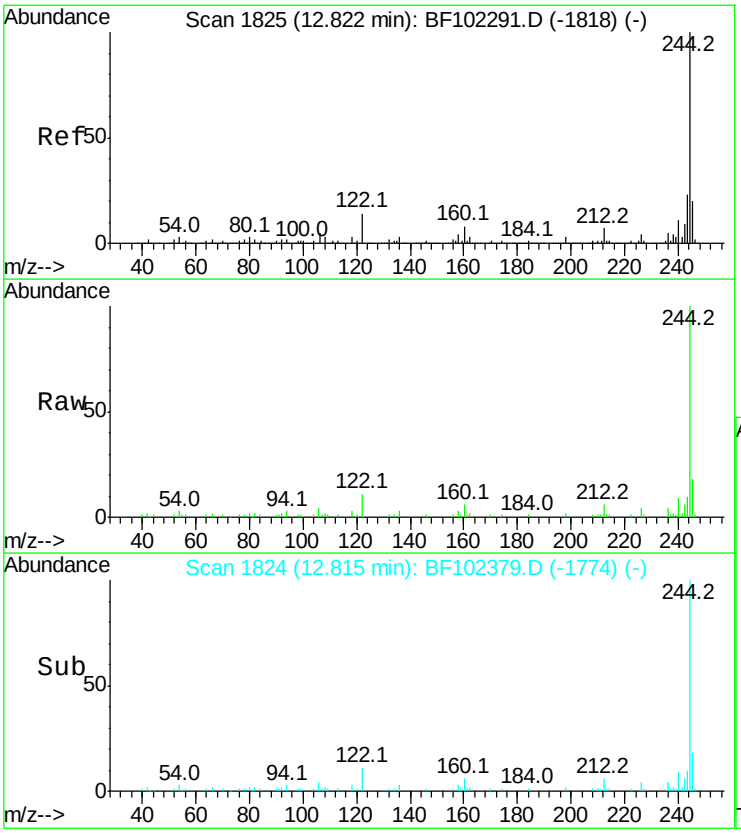
#76
Benzidine
Concen: 3.391 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 28372

Ion	Ratio	Lower	Upper
184	100		
185	11.9	12.6	18.8#
183	10.6	9.3	13.9

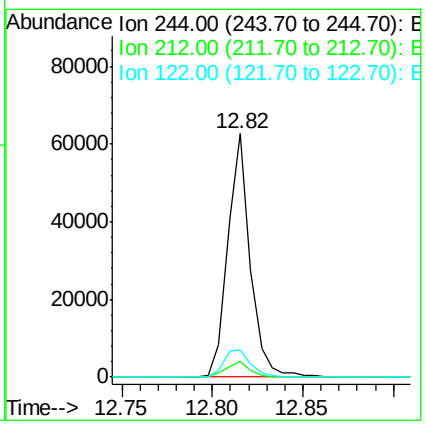


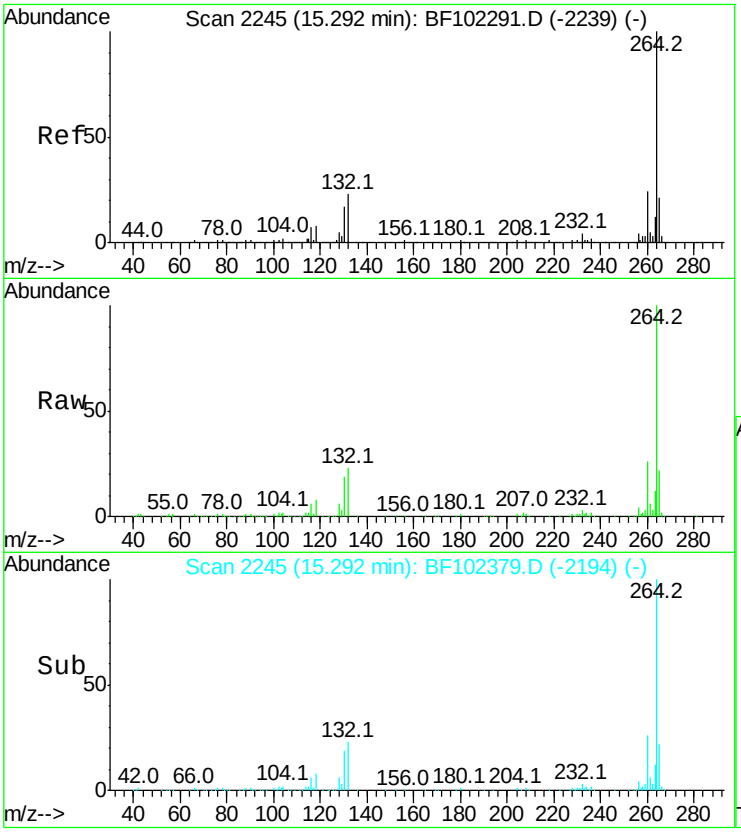


#78
Terphenyl-d14
Concen: 4.871 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102379.D
Acq: 24 Jan 2018 9:17

Tgt Ion:244 Resp: 53812

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.4	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: BF102379.D
Acq: 24 Jan 2018 9:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 221905

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.9	17.5	26.3