Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102342.D
Acq On : 23 Jan 2018 13:39
Operator : SJ/JU
Sample : J1239-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 17:19:53 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	163563	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	571763	20.00	ng		0.01
38) Acenaphthene-d10	9.75	164	309266	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	519604	20.00	ng		0.00
75) Chrysene-d12	13.87	240	402238	20.00	ng		0.00
86) Perylene-d12	15.30	264	301346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1233981	114.39	ng		0.02
7) Phenol-d6	6.38	99	1195795	91.95	ng		0.02
23) Nitrobenzene-d5	7.30	82	1020115	102.53	ng		0.01
41) 2,4,6-Tribromophenol	10.55	330	361312	117.91	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1766015	83.96	ng		0.00
78) Terphenyl-d14	12.83	244	1597755	89.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	941	0.184	ng	#	32
3) Pyridine	3.24	79	37299	2.785	ng		94
4) n-Nitrosodimethylamine	3.03	42	364	0.069	ng	#	1
6) Aniline	6.42	93	128220	7.454	ng	#	1
8) 2-Chlorophenol	6.51	128	511	0.045	ng	#	1
9) Benzaldehyde	6.27	77	36543	4.005	ng	#	1
10) Phenol	6.42	94	4397202	309.708	ng		96
11) bis(2-Chloroethyl)ether	6.42	93	128220	11.874	ng	#	1
12) 1,3-Dichlorobenzene	6.66	146	158	0.012	ng	#	5
13) 1,4-Dichlorobenzene	6.73	146	113	0.008	ng	#	22
14) 1,2-Dichlorobenzene	6.87	146	328	0.027	ng	#	1
15) Benzyl Alcohol	6.87	79	17822	1.942	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	6.99	45	3299	0.182	ng	#	1
17) 2-Methylphenol	6.99	107	1036109	105.502	ng		98
18) Hexachloroethane	7.15	117	99176	21.126	ng	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	136243	17.119	ng	#	78
20) 3+4-Methylphenols	7.17	107	3238030	280.342	ng		87
22) Acetophenone	7.15	105	39928	2.929	ng	#	1
24) Nitrobenzene	7.42	77	212106	20.832	ng	#	49
25) Isophorone	7.30	82	994152	56.048	ng	#	64
27) 2,4-Dimethylphenol	7.67	122	854729	109.843	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	34807	3.177	ng	#	1
31) Naphthalene	8.05	128	7875740	275.884	ng		98
32) Benzoic acid	7.82	122	800978	122.861	ng	#	14
33) 4-Chloroaniline	8.05	127	1141601	95.098	ng	#	37
35) Caprolactam	8.67	113	1508	0.576	ng	#	14
36) 4-Chloro-3-methylphenol	8.56	107	3882	0.465	ng	#	60
37) 2-Methylnaphthalene	8.72	142	477988	25.142	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	281	0.030	ng	#	25
45) 1,1'-Biphenyl	9.17	154	95378	3.449	ng		96
46) 2-Chloronaphthalene	9.20	162	753	0.035	ng	#	72
47) 2-Nitroaniline	9.30	65	540	0.081	ng	#	48
48) Acenaphthylene	9.62	152	785003	23.442	ng		98
49) Dimethylphthalate	9.75	163	85851	3.358	ng	#	1

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
Sample : J1239-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 17:19:53 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)
50) 2,6-Dinitrotoluene	9.75	165	41760	7.577	ng	#	27
51) Acenaphthene	9.78	154	65759	3.362	ng		96
52) 3-Nitroaniline	9.89	138	128	0.020	ng	#	73
54) Dibenzofuran	9.96	168	249915	9.442	ng		98
55) 4-Nitrophenol	9.89	139	4239	0.985	ng	#	35
56) 2,4-Dinitrotoluene	9.75	165	41760	6.162	ng	#	24
57) Fluorene	10.30	166	227110	10.828	ng		96
59) Diethylphthalate	10.17	149	5141	0.207	ng		95
60) 4-Chlorophenyl-phenylether	10.29	204	350	0.038	ng	#	8
61) 4-Nitroaniline	10.30	138	2728	0.419	ng	#	30
62) Azobenzene	10.43	77	6755	0.297	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.55	198	605	0.175	ng	#	1
65) n-Nitrosodiphenylamine	10.26	169	5036	0.264	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	22507	4.024	ng	#	1
67) Hexachlorobenzene	10.85	284	388	0.062	ng	#	1
70) Phenanthrene	11.26	178	253698	8.379	ng		99
71) Anthracene	11.31	178	58556	1.895	ng		96
72) Carbazole	11.47	167	803463	26.649	ng		99
73) Di-n-butylphthalate	11.80	149	5559	0.148	ng	#	44
74) Fluoranthene	12.45	202	39485	1.279	ng		98
76) Benzidine	12.83	184	21243	1.572	ng		100
77) Pyrene	12.67	202	26653	0.857	ng		97
79) Butylbenzylphthalate	13.30	149	1088	0.070	ng	#	88
80) Benzo(a)anthracene	13.86	228	7796	0.315	ng		98
82) Chrysene	13.90	228	5897	0.234	ng		93
83) Bis(2-ethylhexyl)phthalate	13.85	149	4010	0.193	ng	#	95
84) Di-n-octyl phthalate	14.47	149	4114	0.122	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.68	276	2091	0.101	ng	#	71
87) Benzo(b)fluoranthene	14.89	252	6263	0.321	ng	#	90
88) Benzo(k)fluoranthene	14.92	252	5283	0.286	ng	#	94
89) Benzo(a)pyrene	15.23	252	3147	0.179	ng	#	83
90) Dibenzo(a,h)anthracene	16.70	278	1169	0.082	ng	#	54
91) Benzo(g,h,i)perylene	17.11	276	1524	0.108	ng	#	50

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102342.D
Acq On : 23 Jan 2018 13:39
Operator : SJ/JU
Sample : J1239-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jan 23 17:19:53 2018
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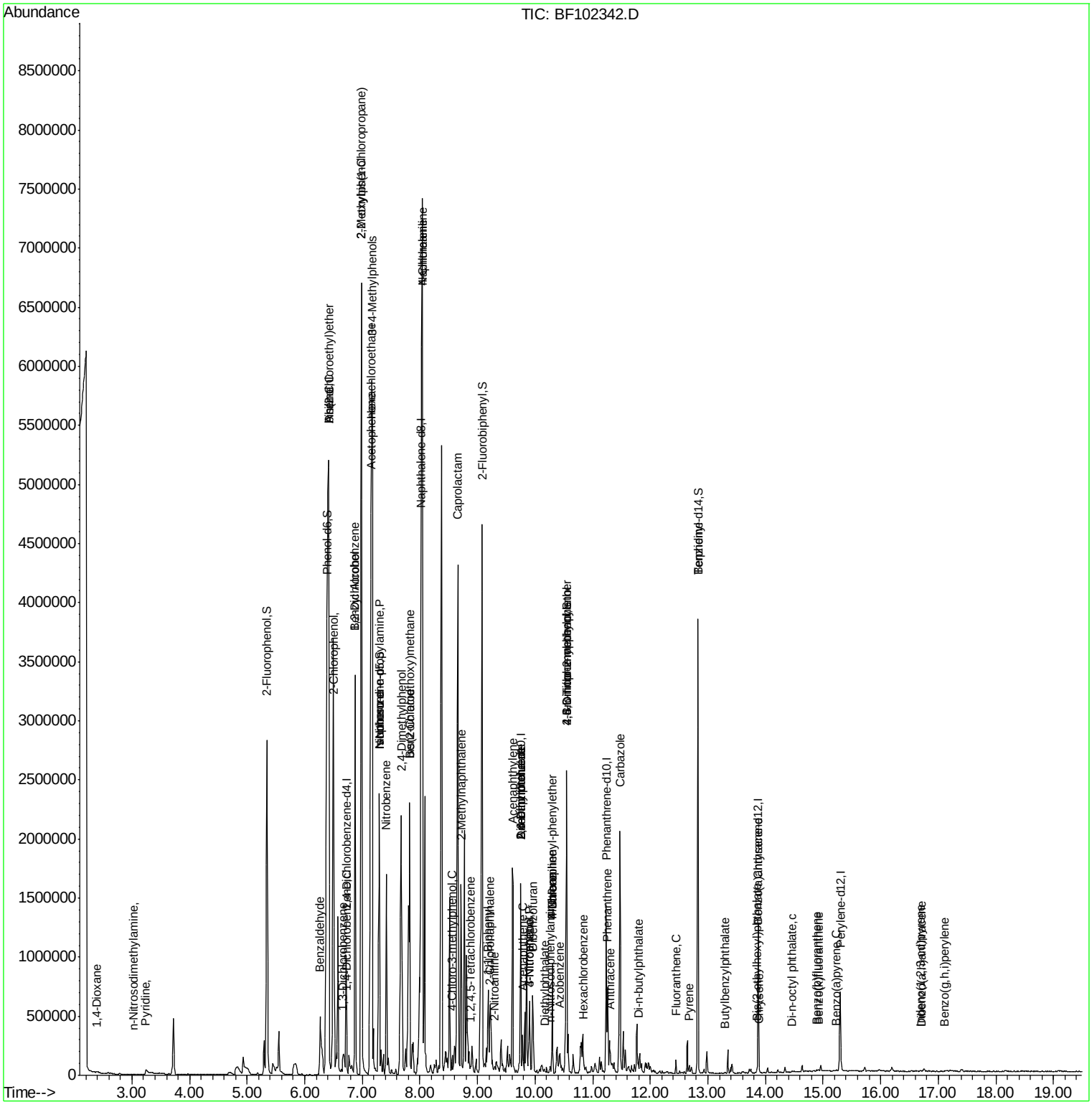
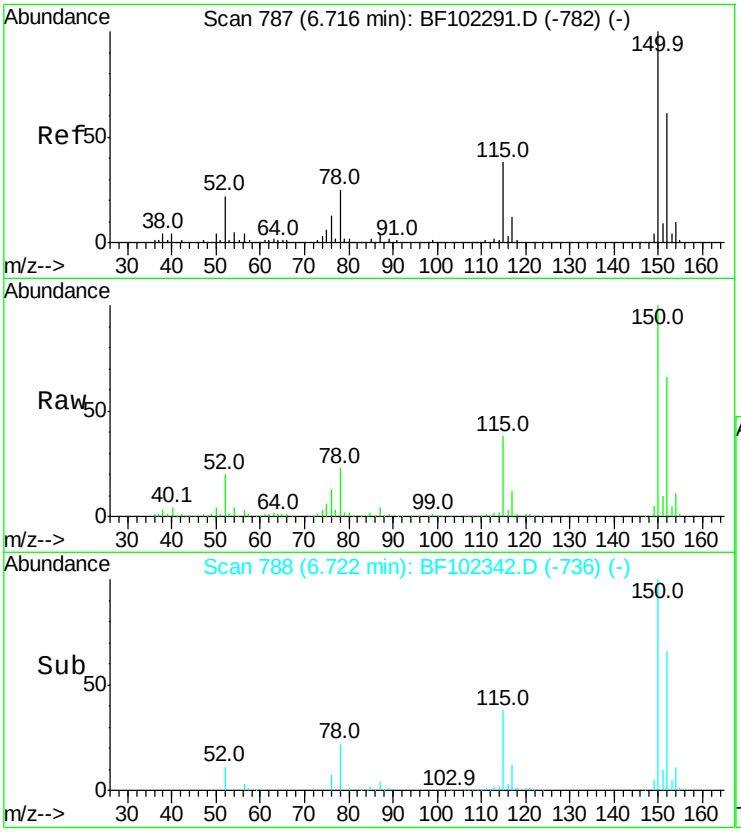


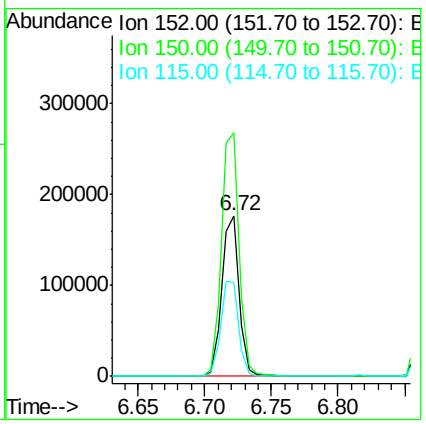


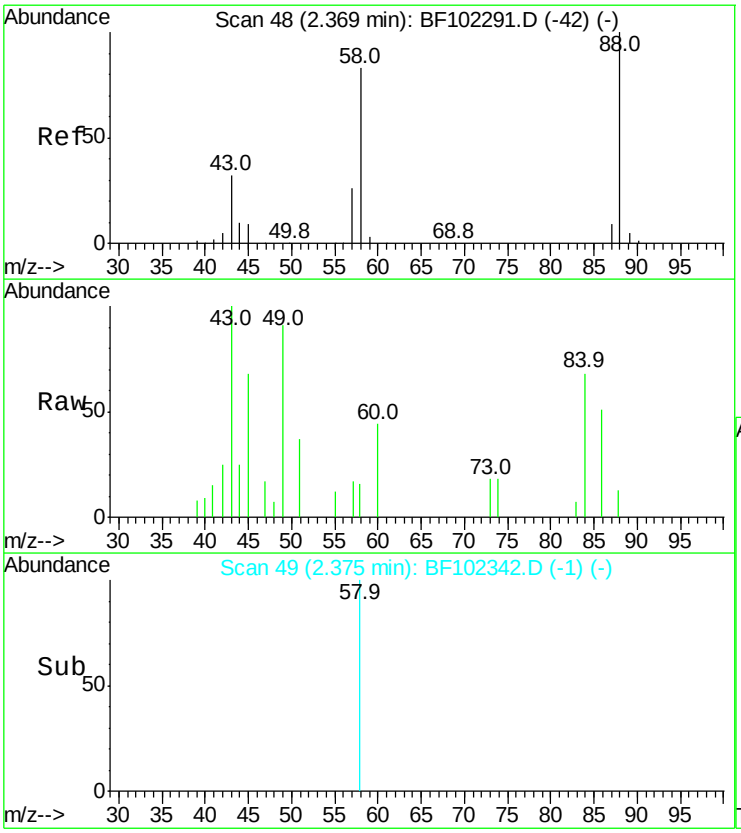
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163563

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.6	186.8
115	58.2	50.1	75.1

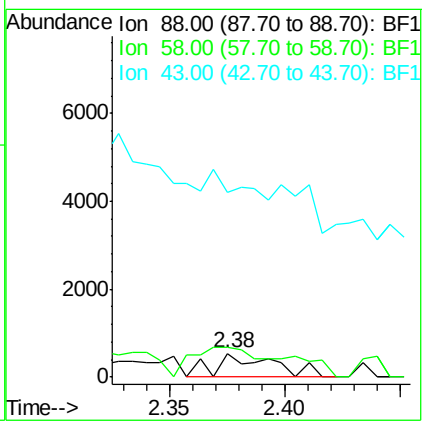


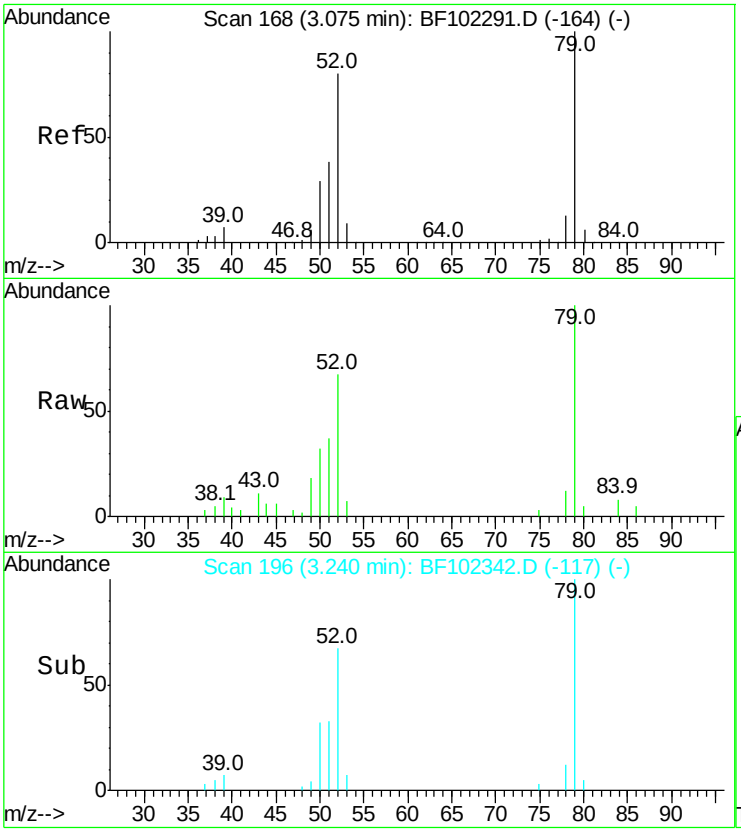


#2
1,4-Dioxane
Concen: 0.184 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 88 Resp: 941

Ion	Ratio	Lower	Upper
88	100		
58	141.8	62.6	93.8#
43	0.0	24.6	37.0#



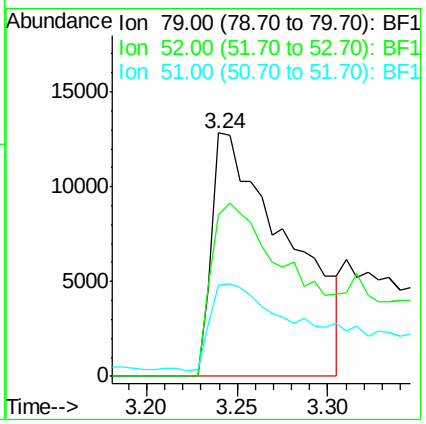


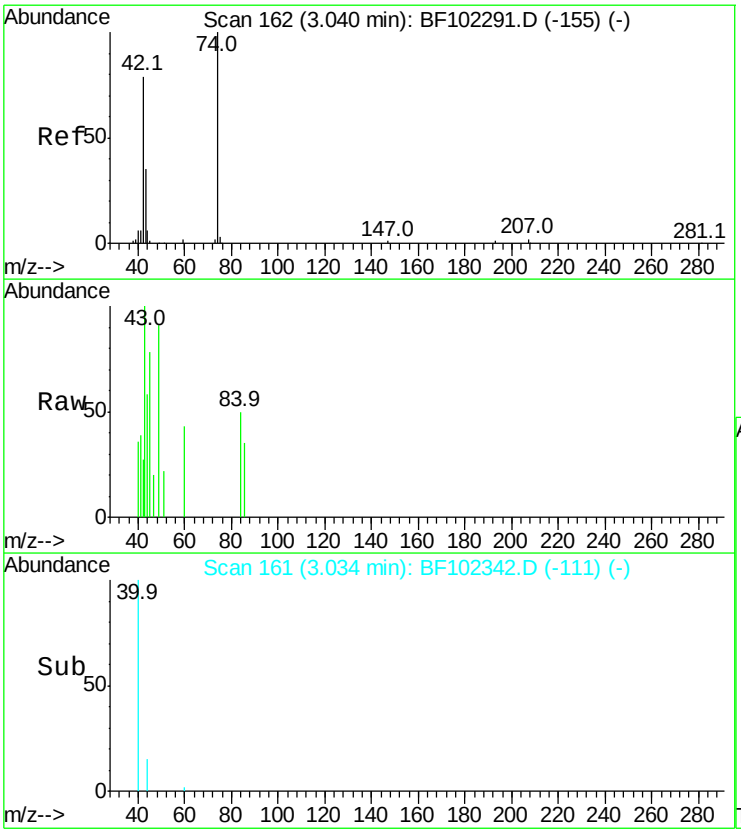
#3
Pyridine
Concen: 2.785 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.16 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 37299

Ion	Ratio	Lower	Upper
79	100		
52	66.6	59.8	89.6
51	37.4	29.8	44.8

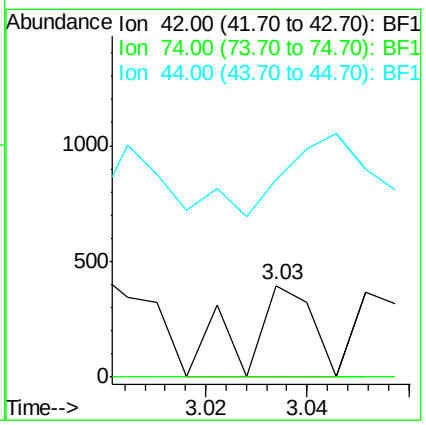


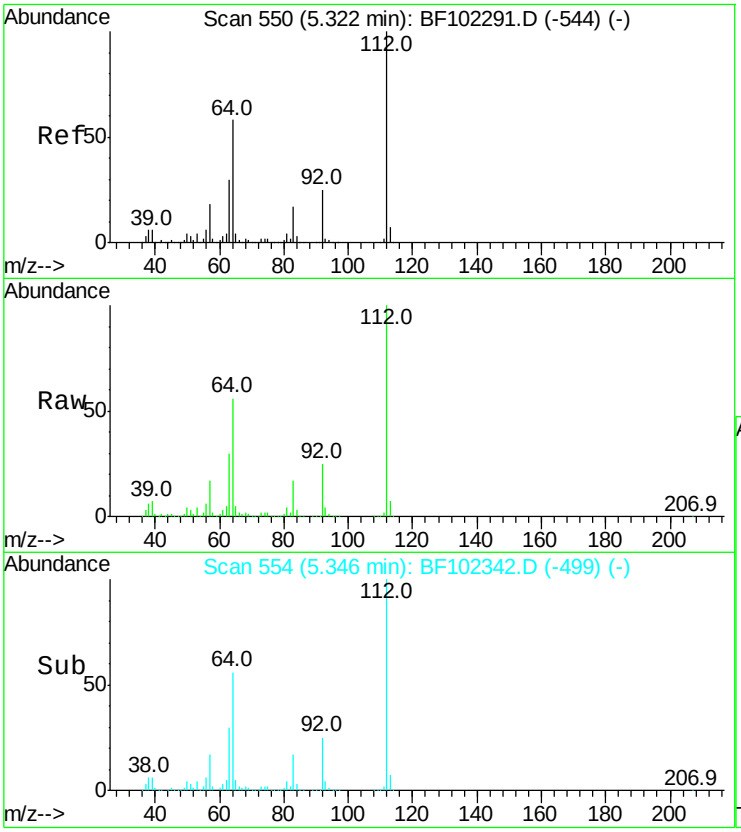


#4
n-Nitrosodimethylamine
Concen: 0.069 ng
RT: 3.03 min Scan# 161
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 42 Resp: 364

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	215.9	6.9	10.3#



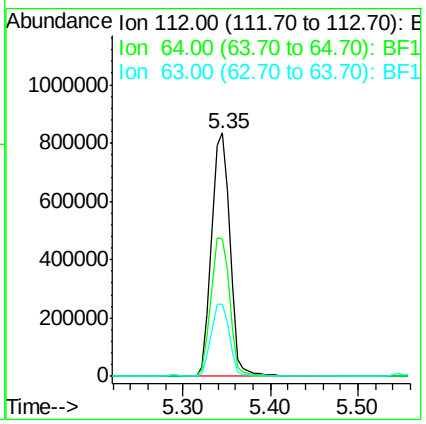


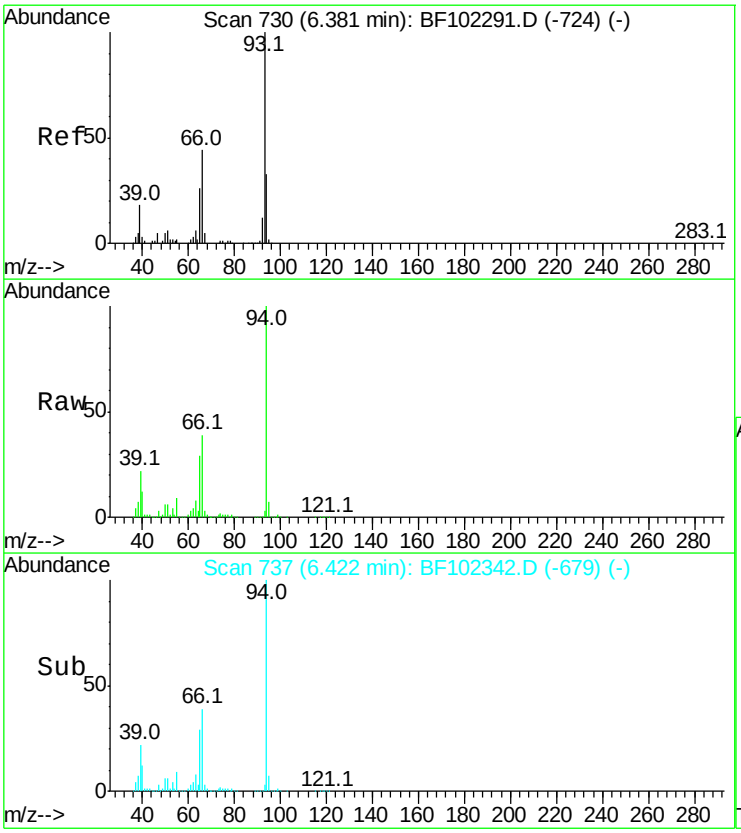
#5
2-Fluorophenol
Concen: 114.392 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1233981

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.7	23.7	35.5

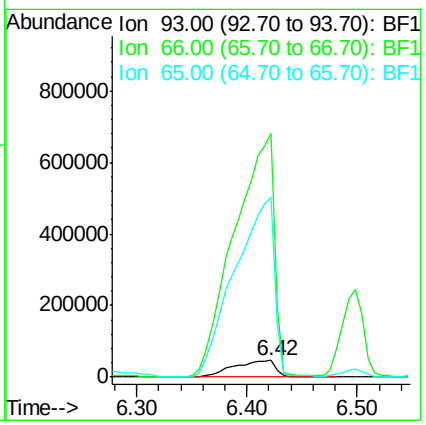


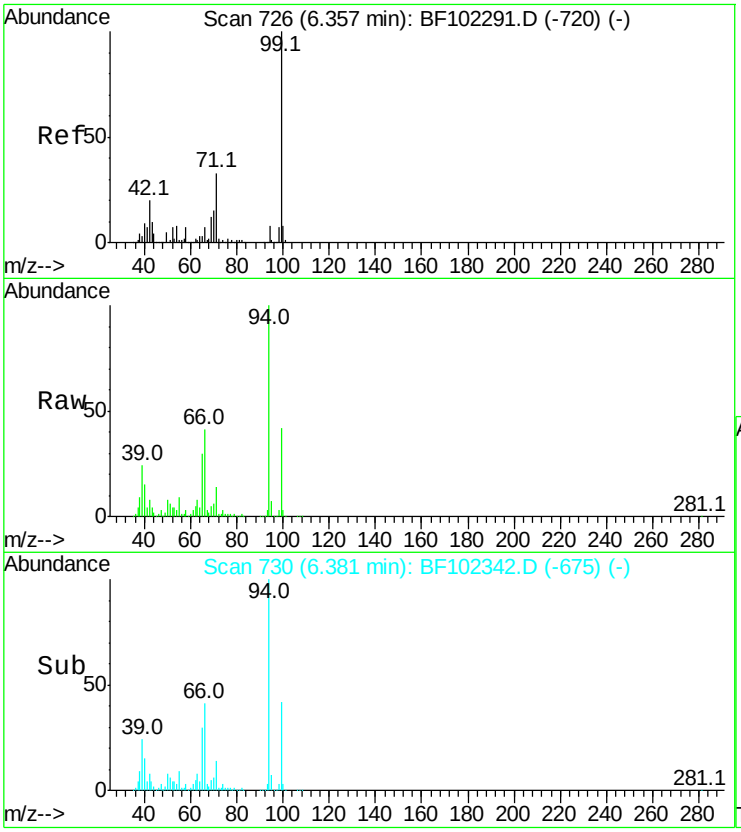


#6
Aniline
Concen: 7.454 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.04 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 93 Resp: 128220

Ion	Ratio	Lower	Upper
93	100		
66	1452.8	32.2	48.2#
65	1071.9	16.4	24.6#



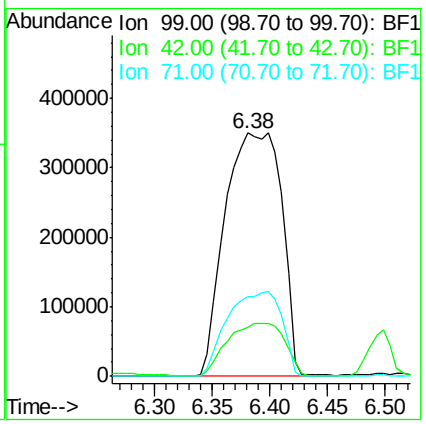


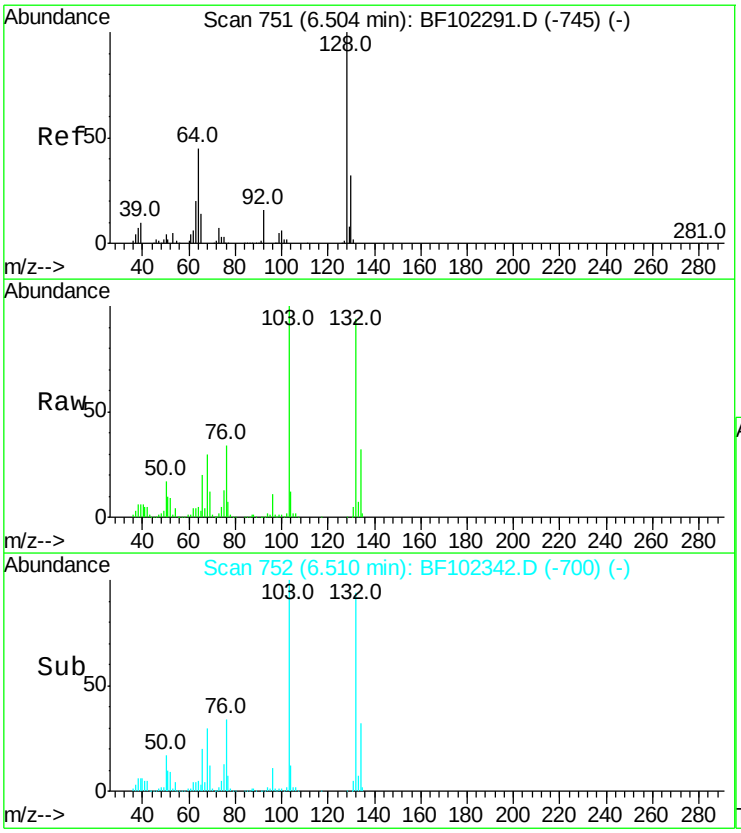
#7
Phenol-d6
Concen: 91.949 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1195795

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.8	25.4	38.0

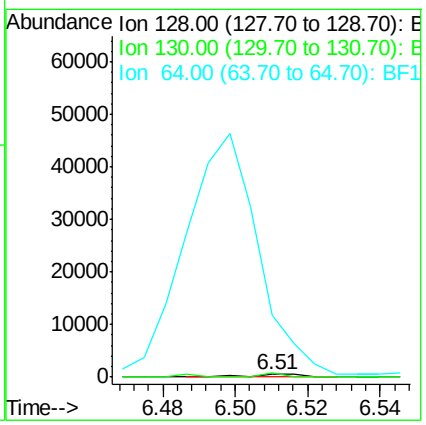


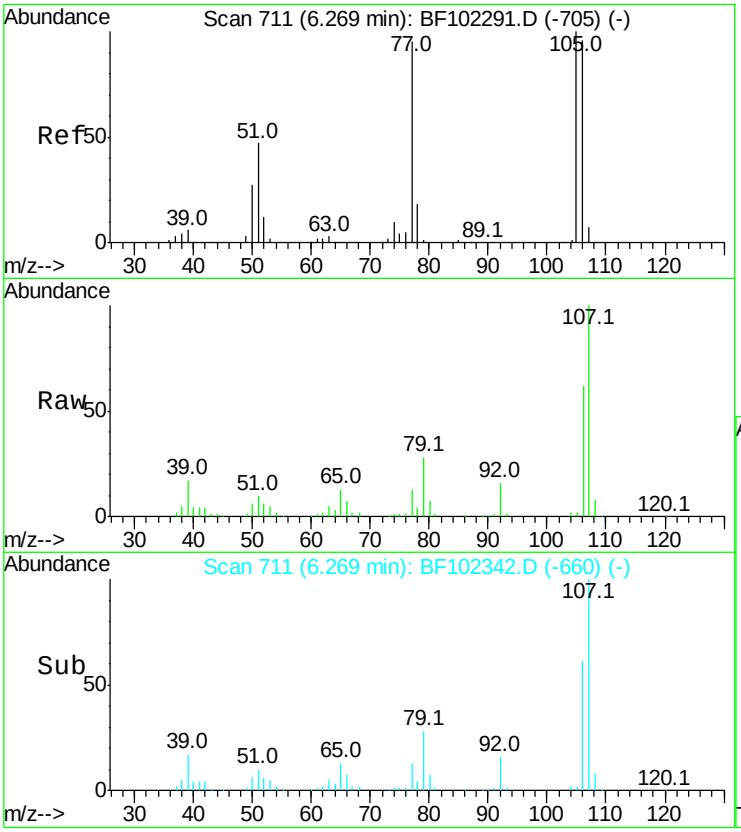


#8
2-Chlorophenol
Concen: 0.045 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:128 Resp: 511

Ion	Ratio	Lower	Upper
128	100		
130	152.8	13.0	53.0#
64	2161.6	29.4	69.4#



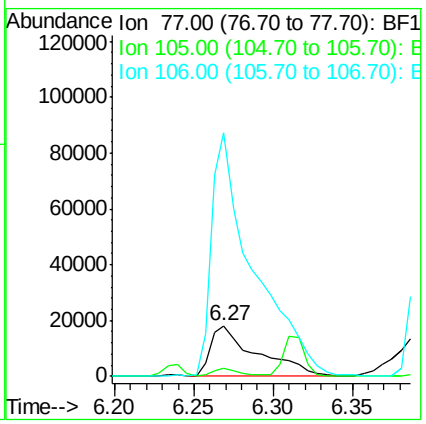


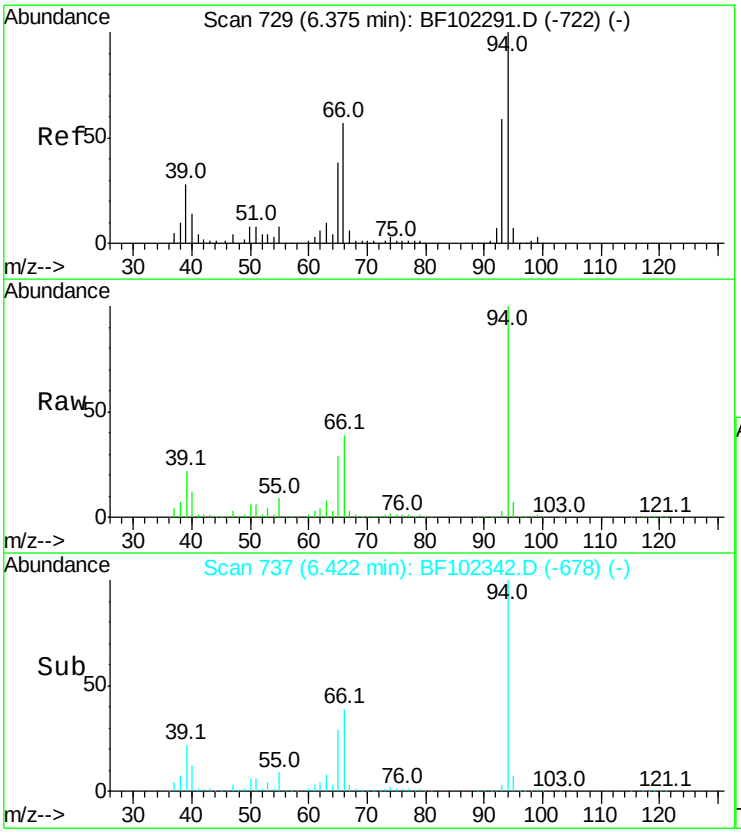
#9
Benzaldehyde
Concen: 4.005 ng
RT: 6.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 36543

Ion	Ratio	Lower	Upper
77	100		
105	16.5	81.1	121.1#
106	482.1	74.5	114.5#

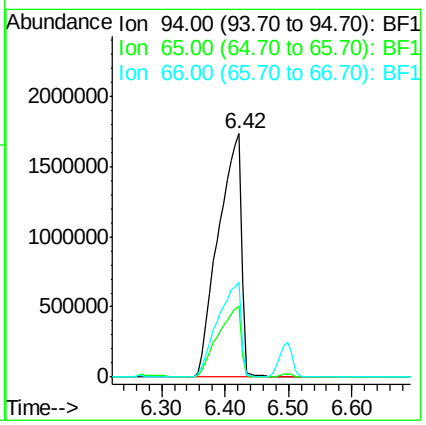


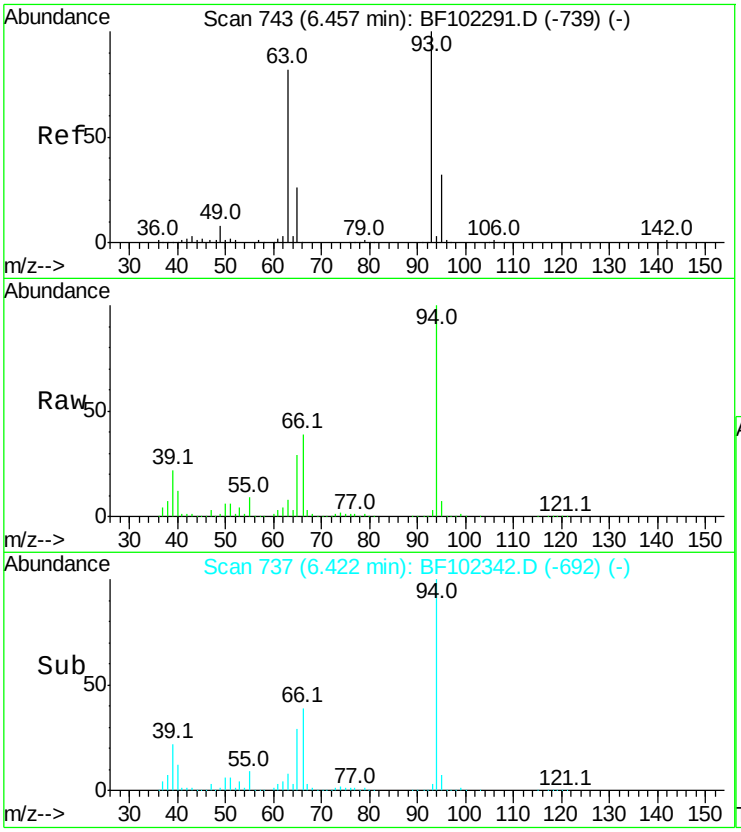


#10
Phenol
Concen: 309.708 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.05 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 94 Resp: 4397202

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	39.3	16.2	56.2



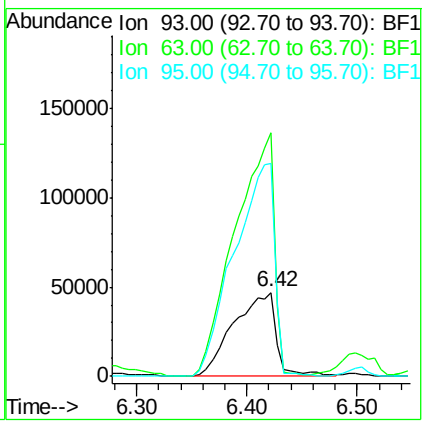


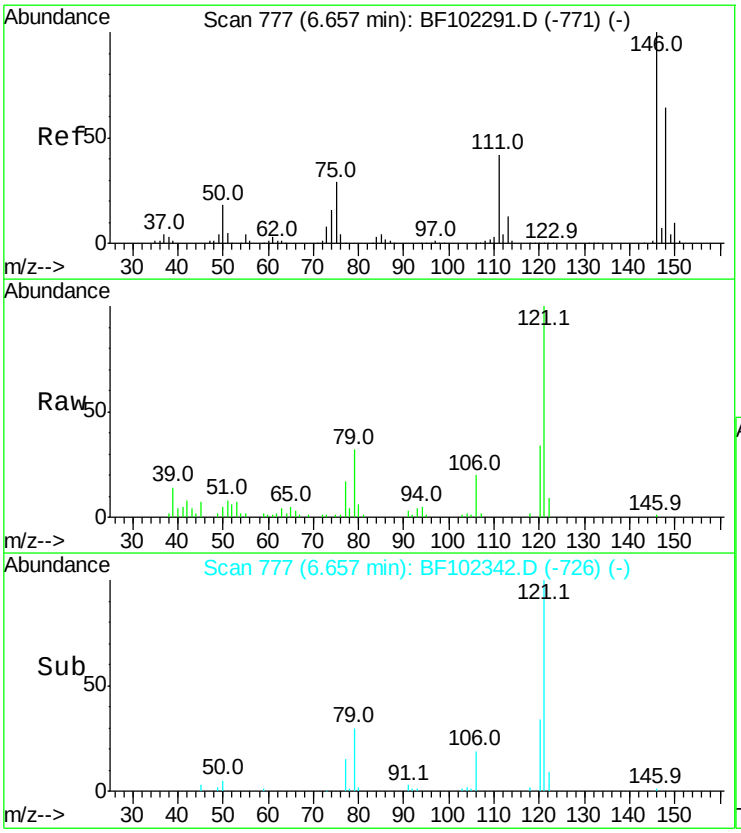
#11
bis(2-Chloroethyl)ether
Concen: 11.874 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.04 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 128220

Ion	Ratio	Lower	Upper
93	100		
63	291.1	58.6	98.6#
95	255.2	11.8	51.8#

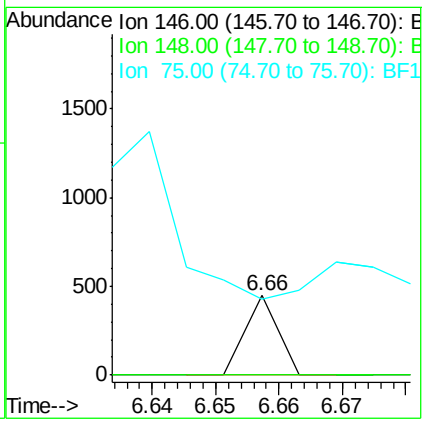


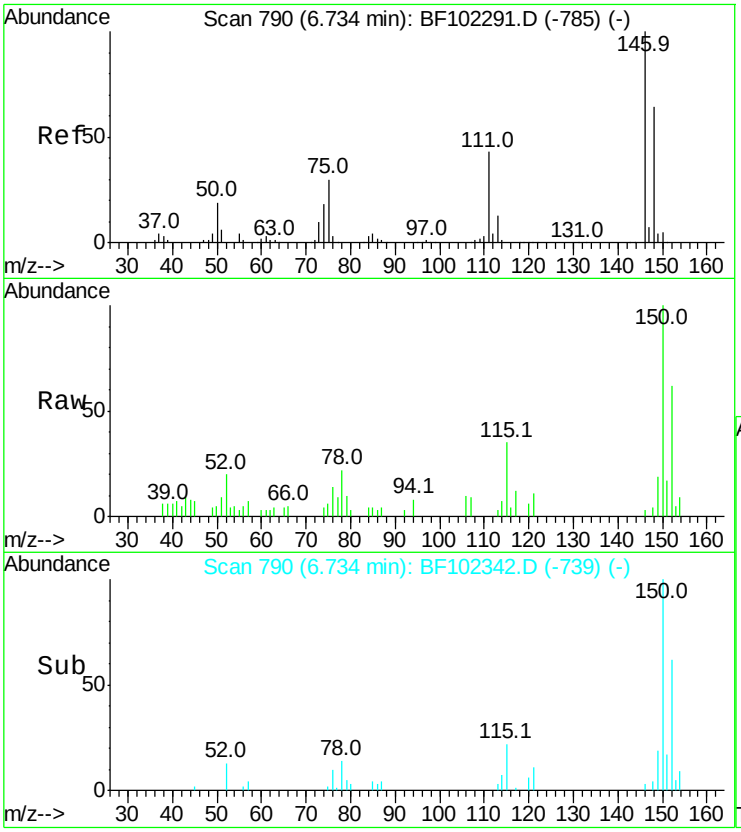


#12
1,3-Dichlorobenzene
Concen: 0.012 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:146 Resp: 158

Ion	Ratio	Lower	Upper
146	100		
148	0.0	51.8	77.8#
75	96.0	24.2	36.4#



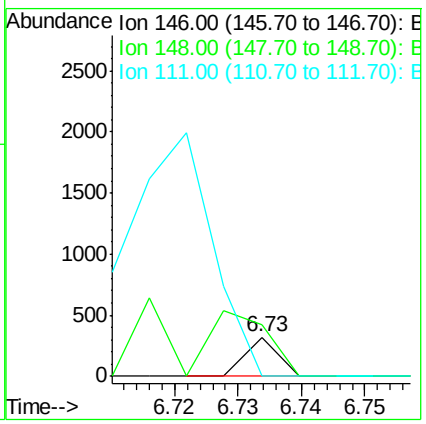


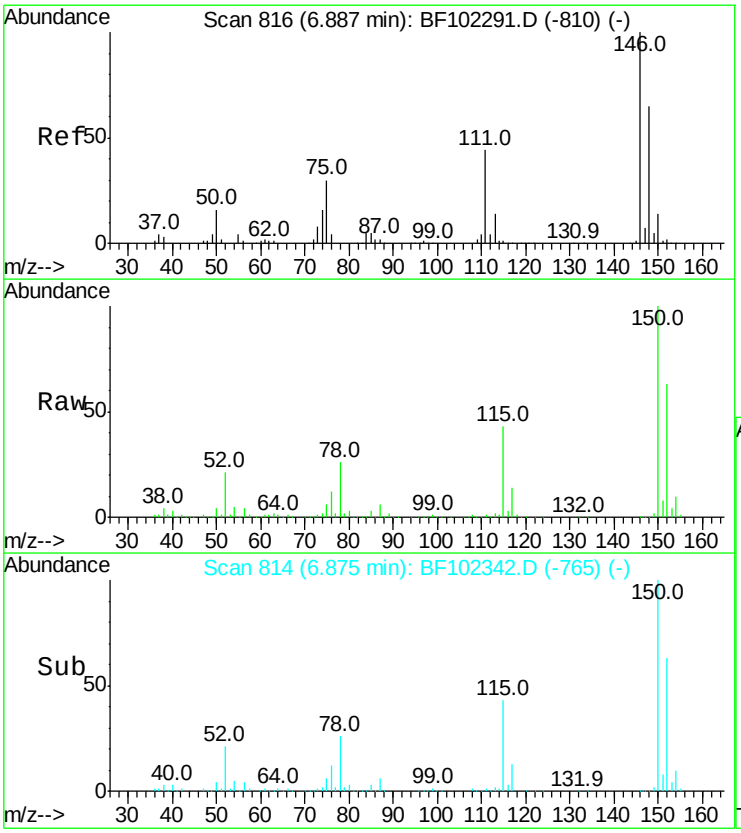
#13
1,4-Dichlorobenzene
Concen: 0.008 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 113

Ion	Ratio	Lower	Upper
146	100		
148	130.6	50.8	76.2#
111	0.0	34.2	51.2#

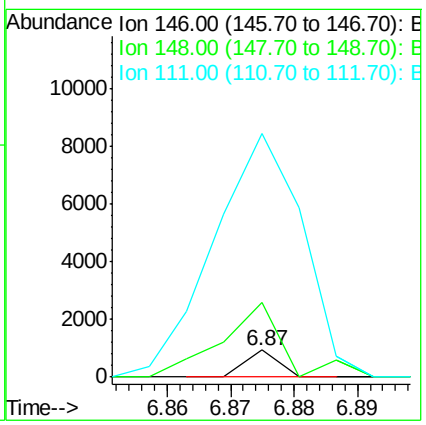


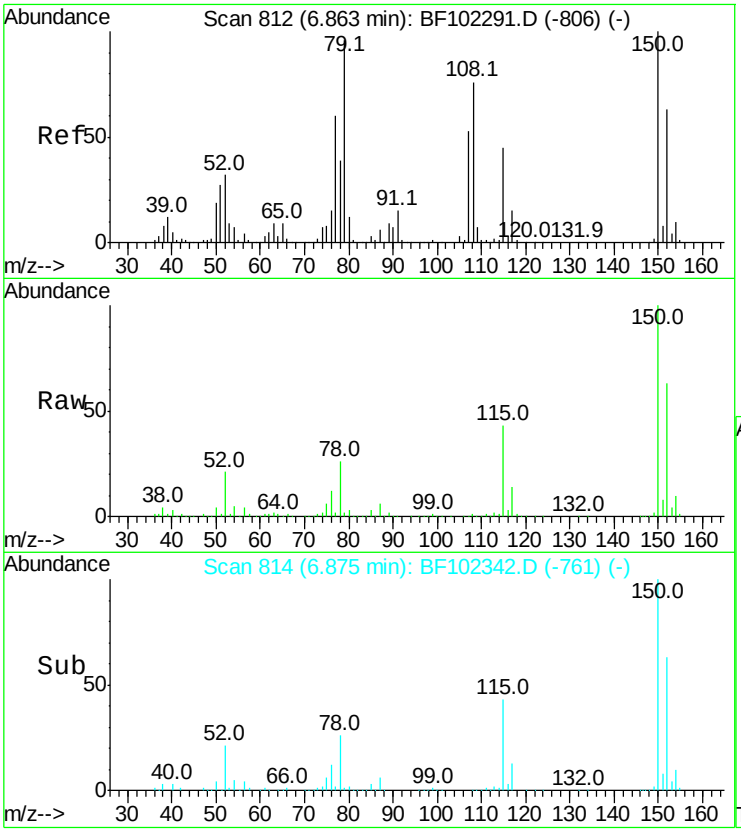


#14
1,2-Dichlorobenzene
Concen: 0.027 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:146 Resp: 328

Ion	Ratio	Lower	Upper
146	100		
148	278.1	50.6	75.8#
111	909.1	36.0	54.0#



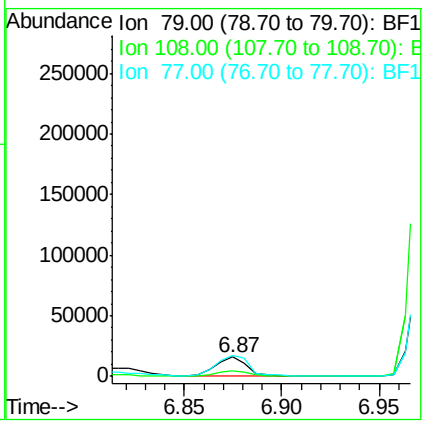


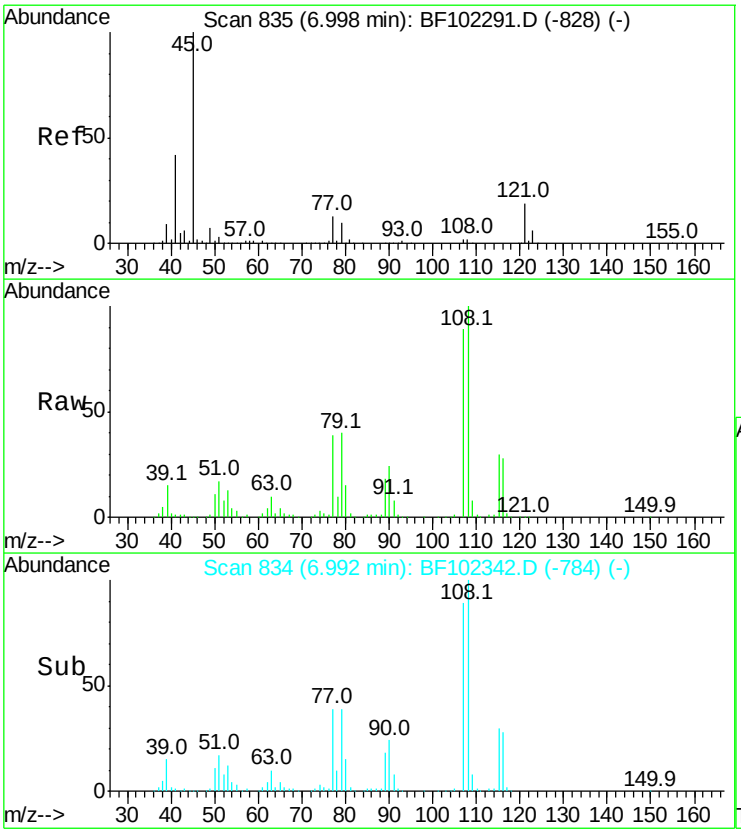
#15
Benzyl Alcohol
Concen: 1.942 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 17822

Ion	Ratio	Lower	Upper
79	100		
108	29.7	65.1	97.7#
77	105.2	50.6	75.8#

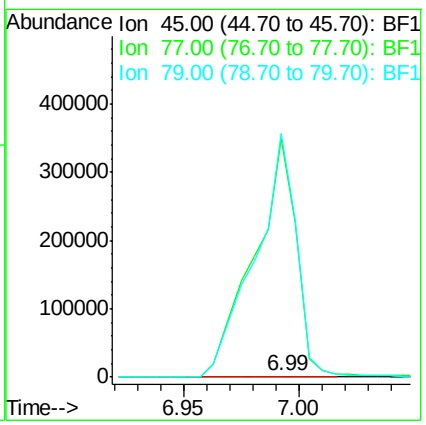


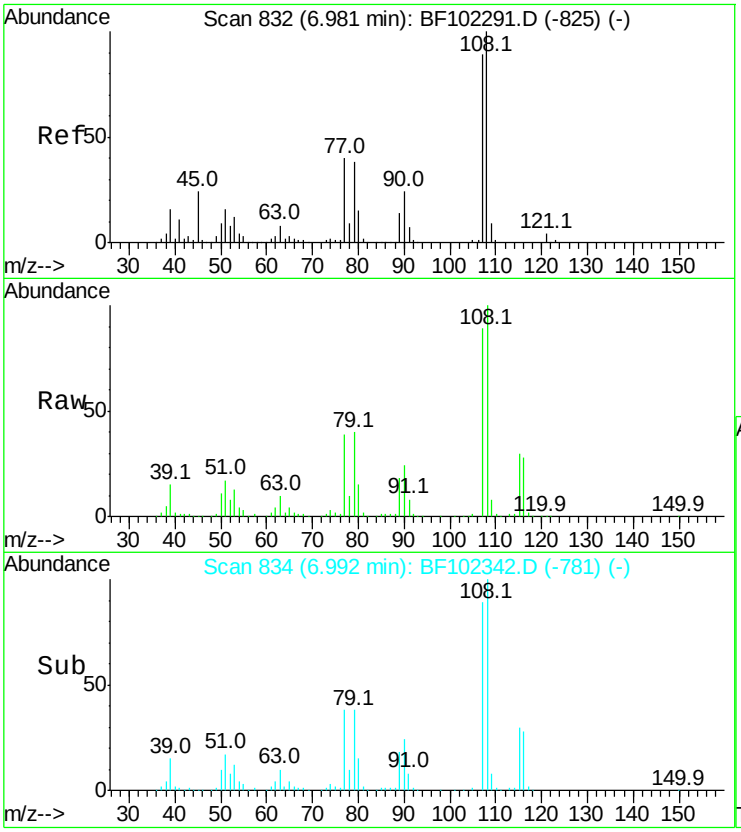


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.182 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 45 Resp: 3299

Ion	Ratio	Lower	Upper
45	100		
77	23350.0	0.0	32.9#
79	23776.9	0.0	29.6#



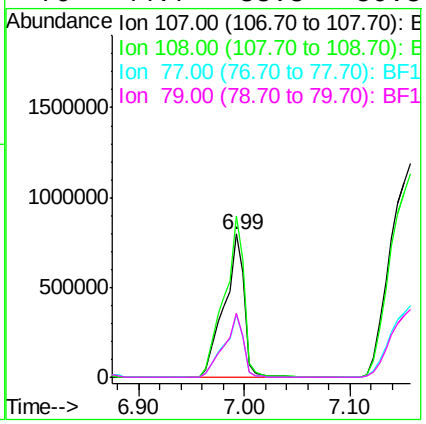


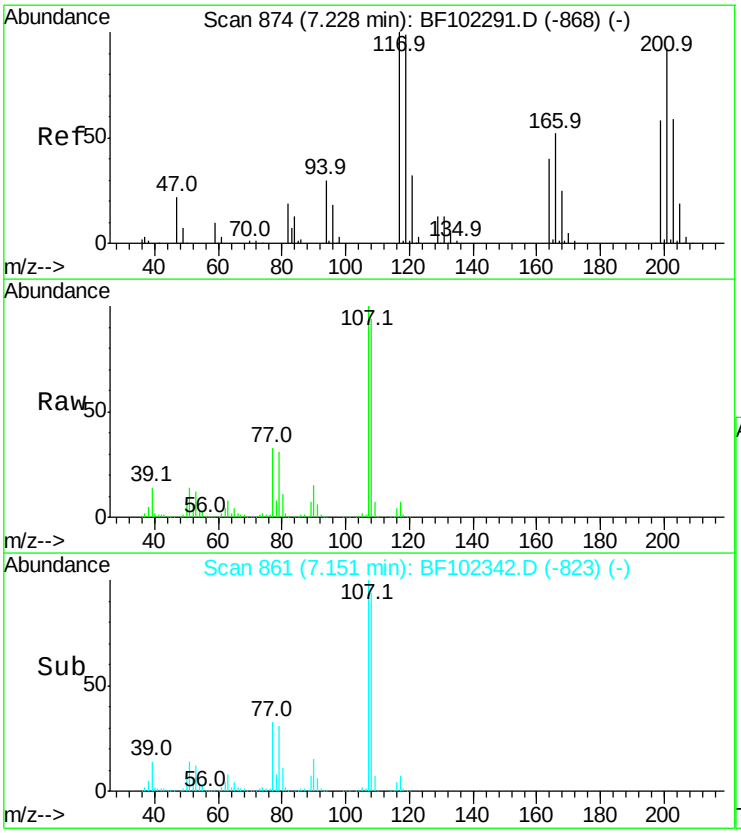
#17
2-Methylphenol
Concen: 105.502 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 1036109

Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	43.9	33.8	50.8
79	44.7	33.8	50.8

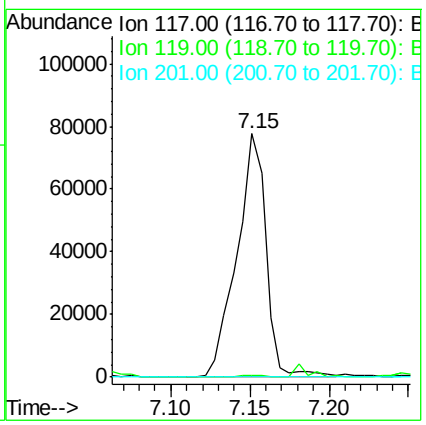


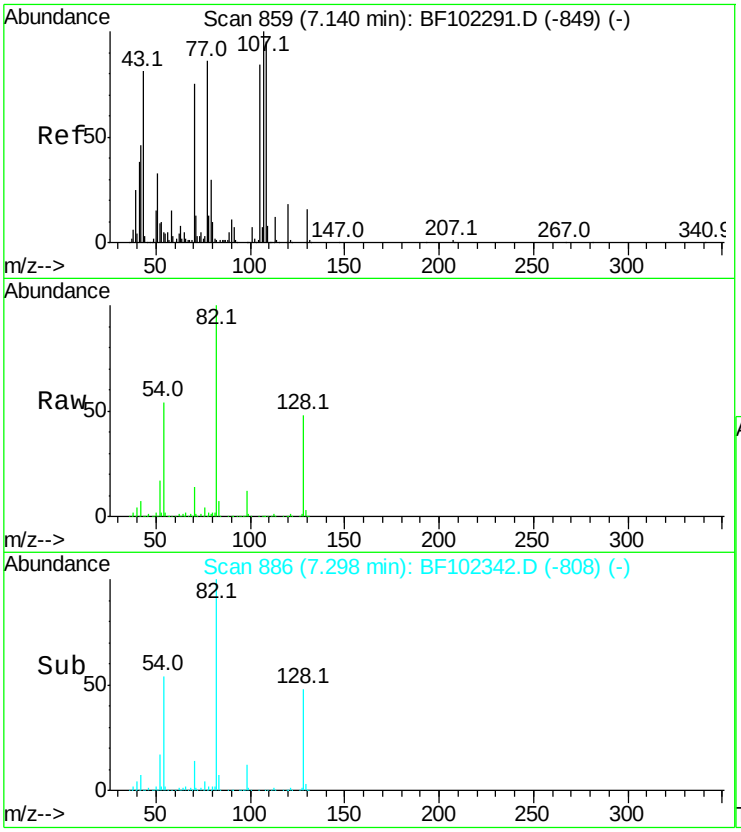


#18
Hexachloroethane
Concen: 21.126 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.08 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:117 Resp: 99176

Ion	Ratio	Lower	Upper
117	100		
119	0.5	75.8	113.8#
201	0.0	75.7	113.5#



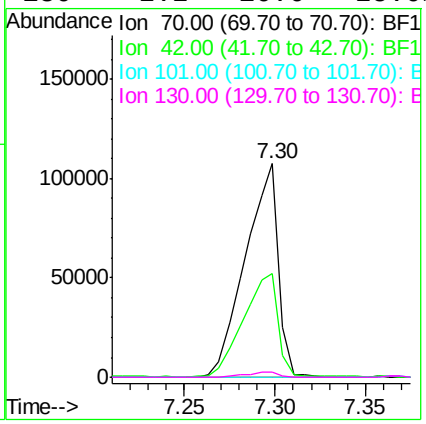


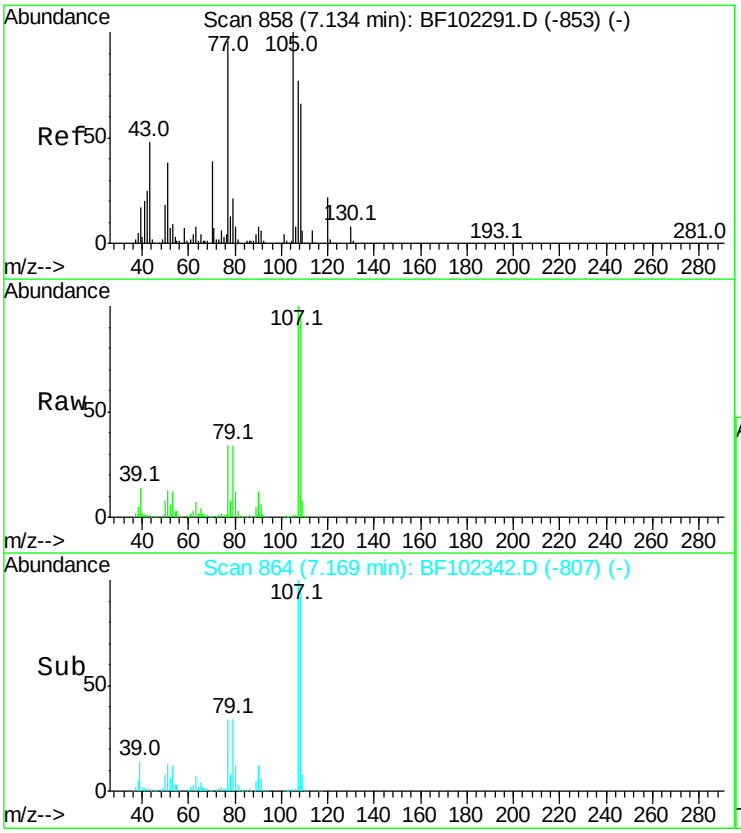
#19
n-Nitroso-di-n-propylamine
Concen: 17.119 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.16 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 136243

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

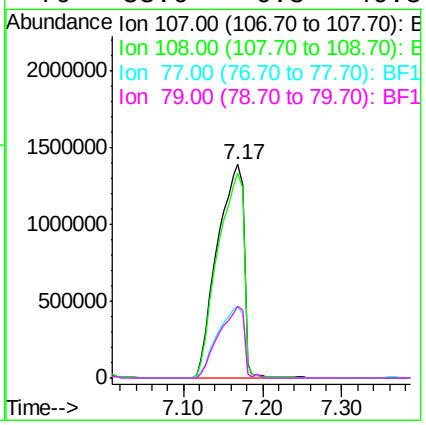


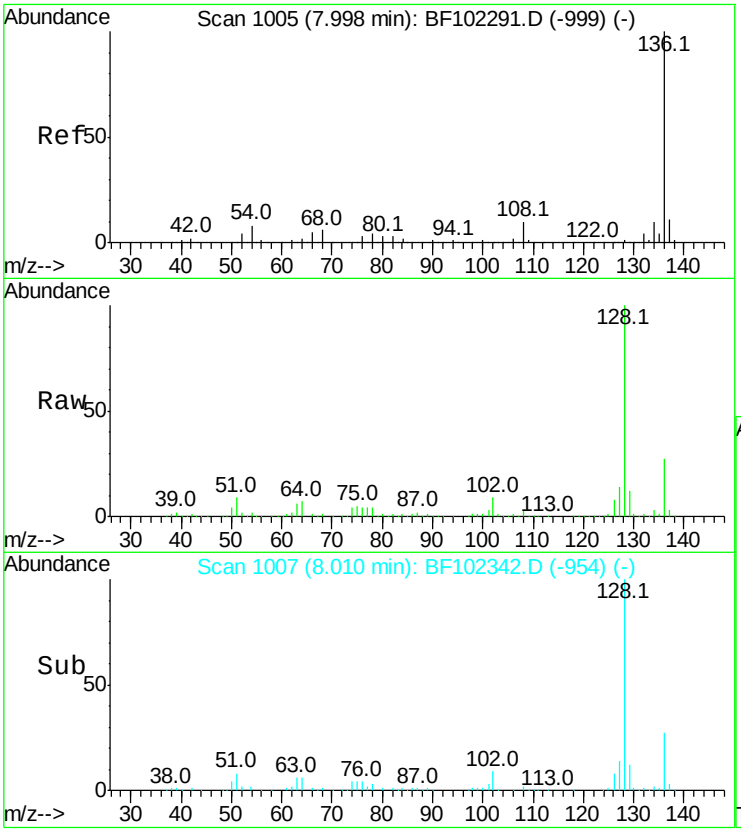


#20
3+4-Methylphenols
Concen: 280.342 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.04 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:107 Resp: 3238030

Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	33.7	26.7	66.7
79	33.6	6.3	46.3



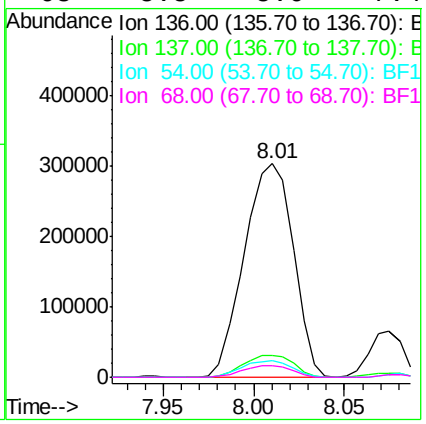


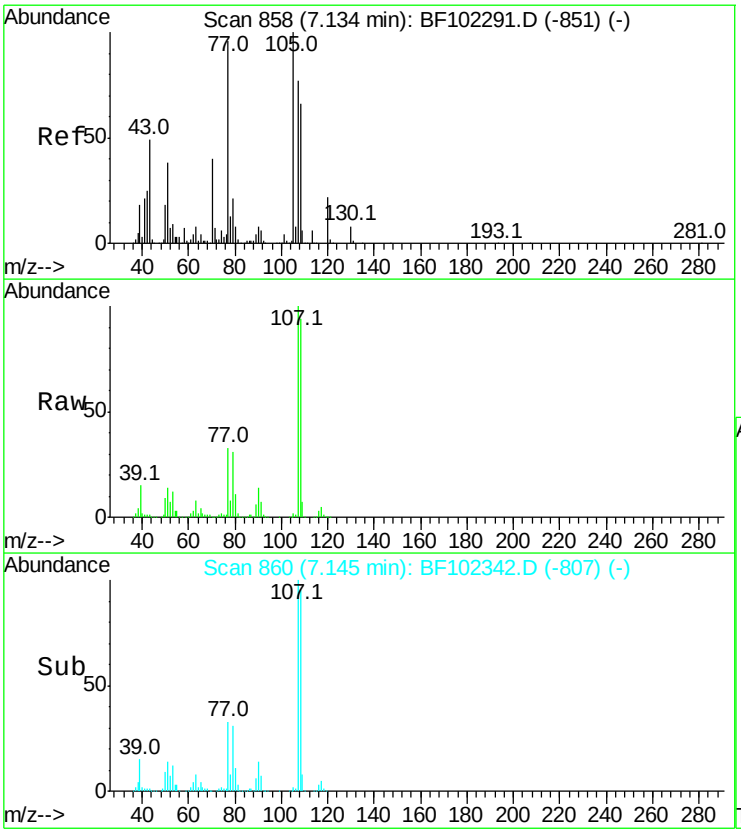
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 571763

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.6	6.6	9.8
68	5.5	5.0	7.4

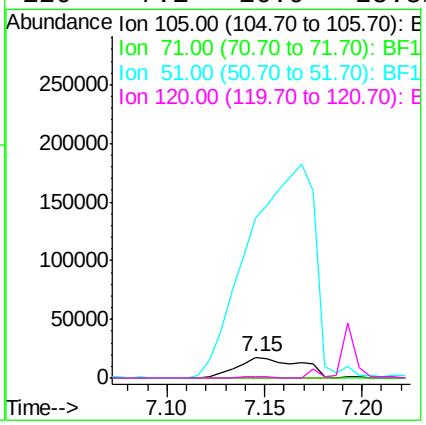


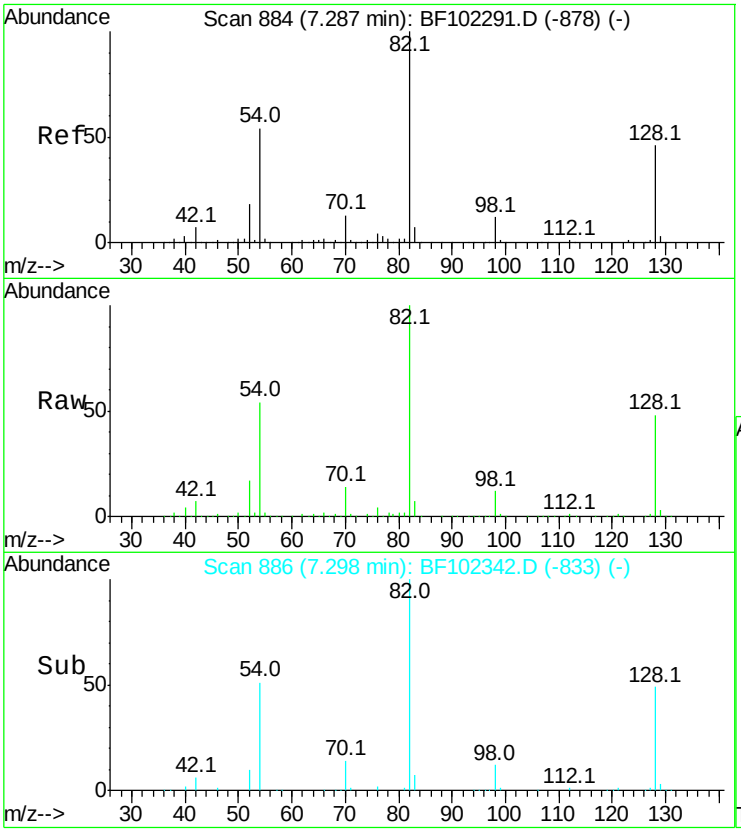


#22
Acetophenone
Concen: 2.929 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:105 Resp: 39928

Ion	Ratio	Lower	Upper
105	100		
71	3.2	4.4	6.6#
51	765.4	22.3	33.5#
120	7.1	16.9	25.3#



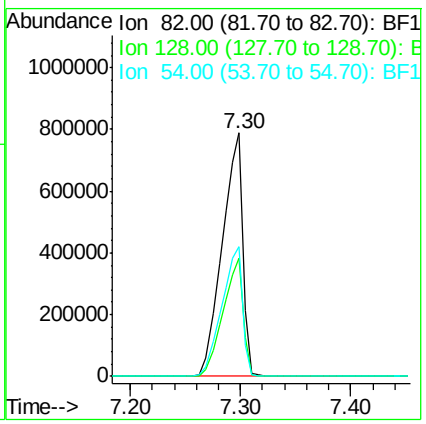


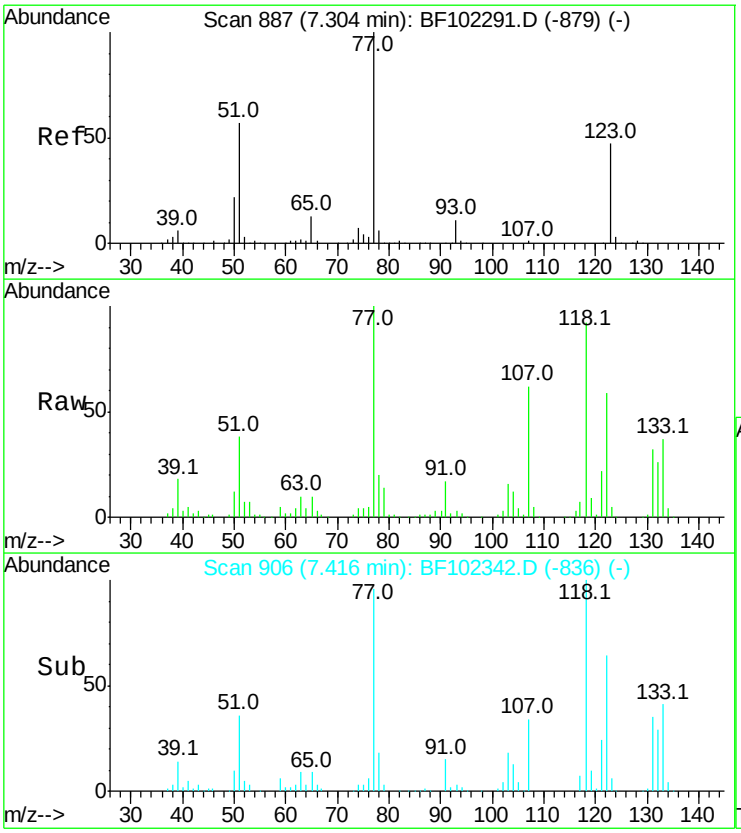
#23
Nitrobenzene-d5
Concen: 102.530 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1020115

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	53.5	41.4	62.2

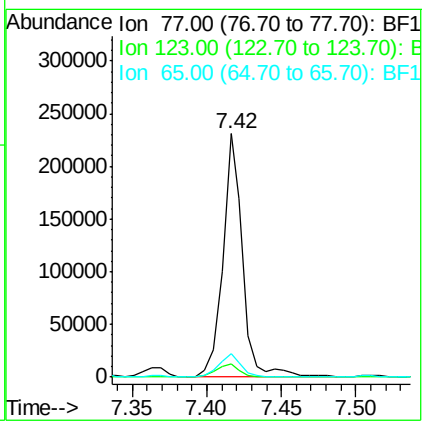


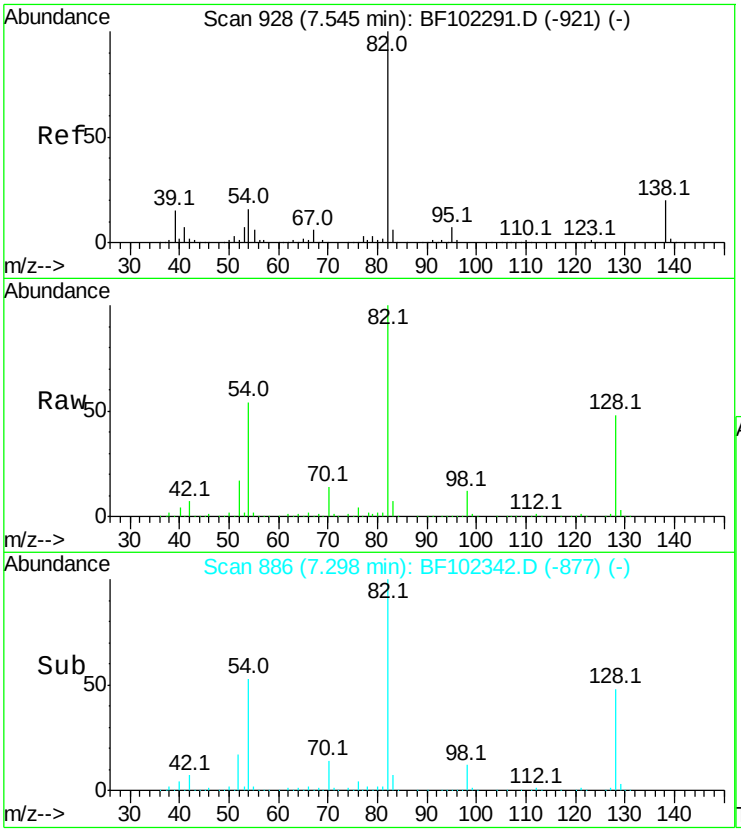


#24
Nitrobenzene
Concen: 20.832 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.11 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 77 Resp: 212106

Ion	Ratio	Lower	Upper
77	100		
123	5.5	37.9	56.9#
65	9.5	11.0	16.4#



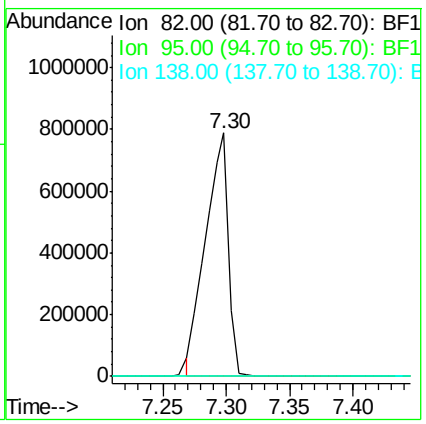


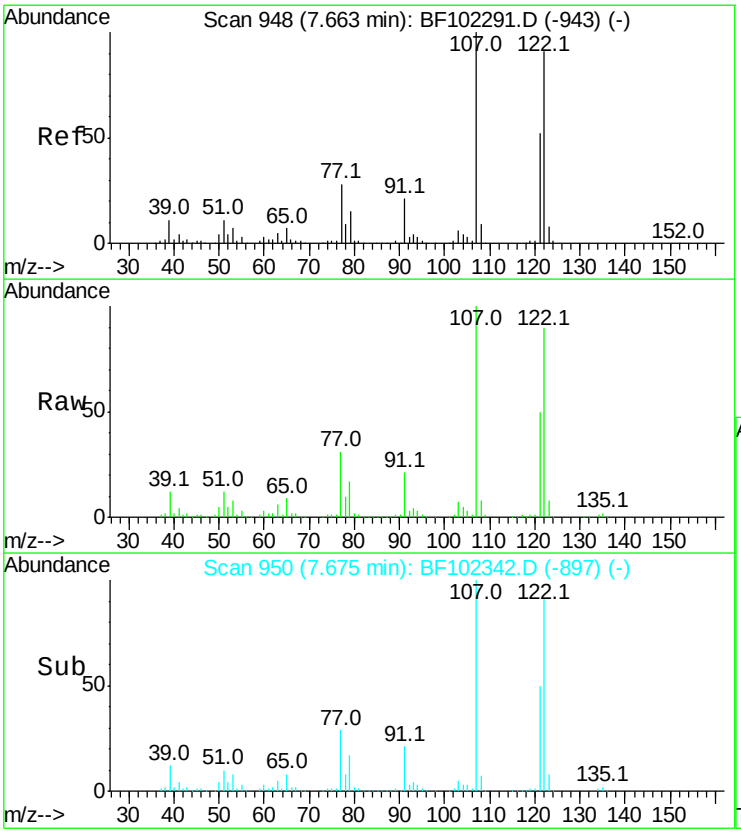
#25
Isophorone
Concen: 56.048 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.25 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 994152

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

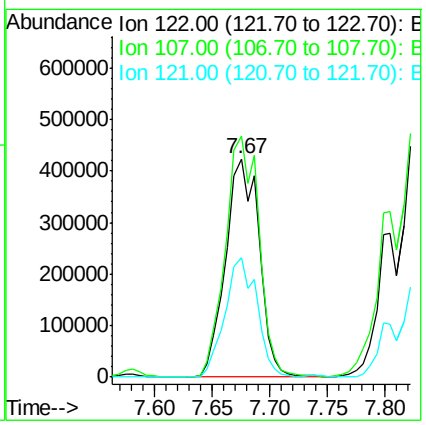


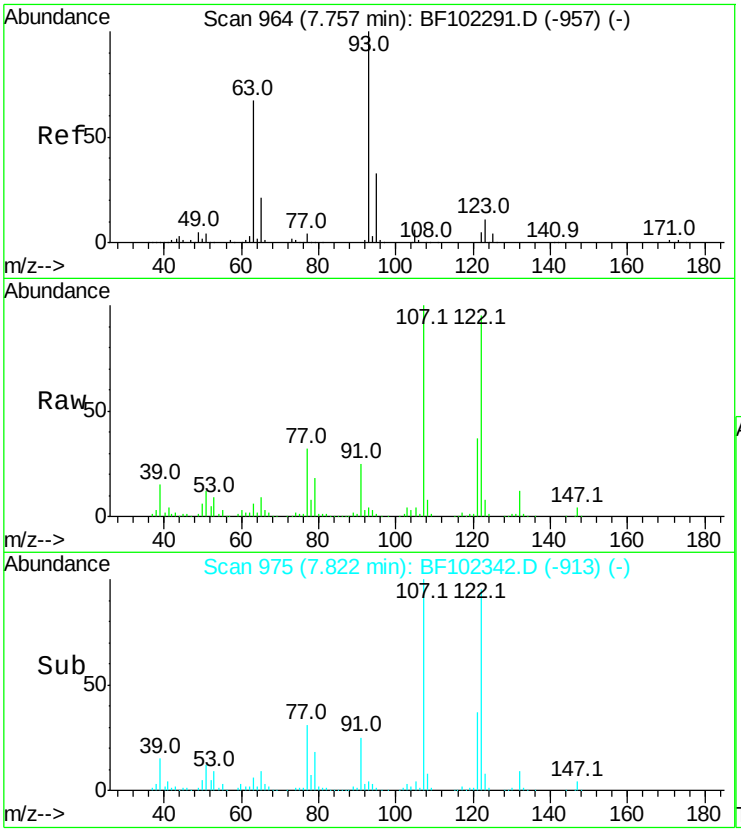


#27
2,4-Dimethylphenol
Concen: 109.843 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:122 Resp: 854729

Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	54.8	47.2	70.8



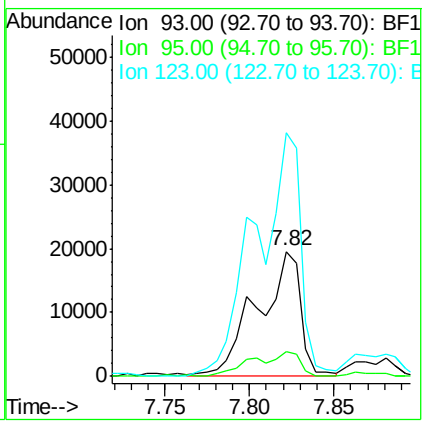


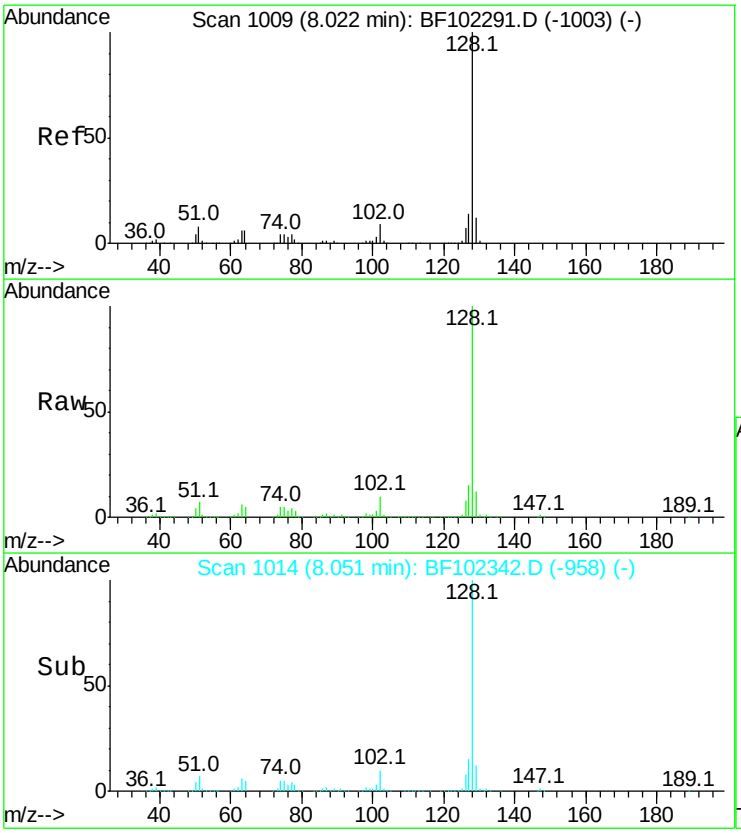
#28
bis(2-Chloroethoxy)methane
Concen: 3.177 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.06 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 34807

Ion	Ratio	Lower	Upper
93	100		
95	19.5	26.3	39.5#
123	195.0	9.8	14.6#

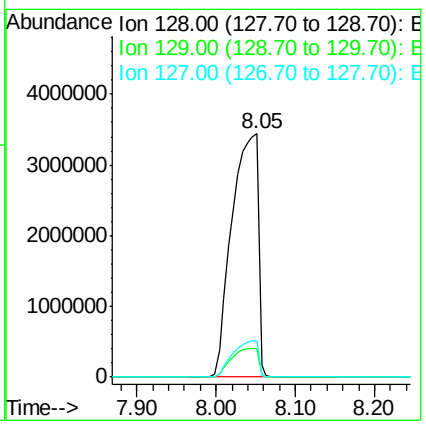


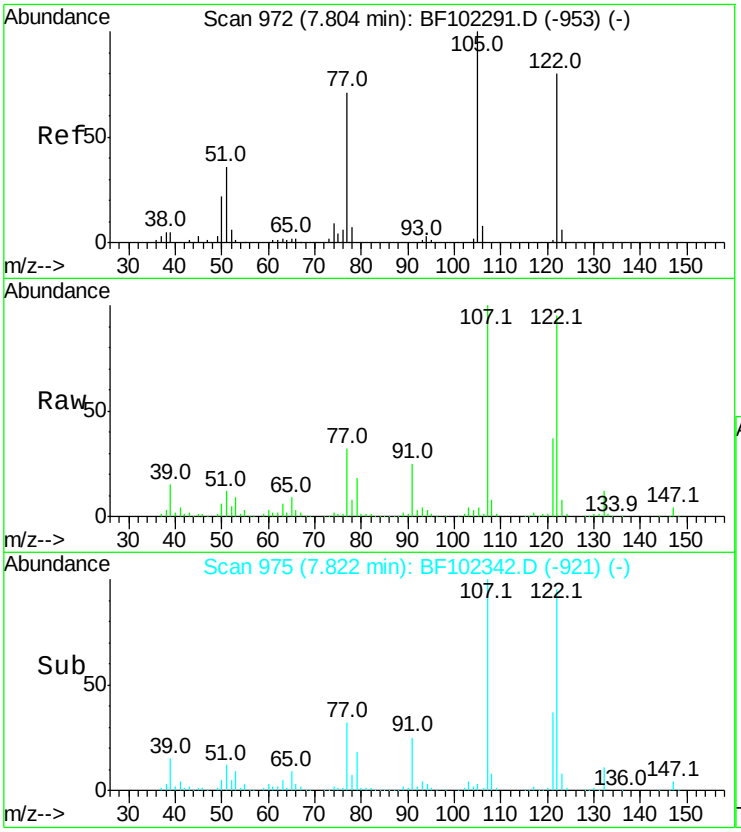


#31
Naphthalene
Concen: 275.884 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.03 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:128 Resp: 7875740

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.9	10.9	16.3



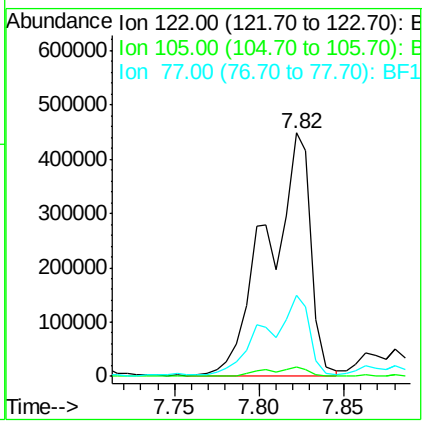


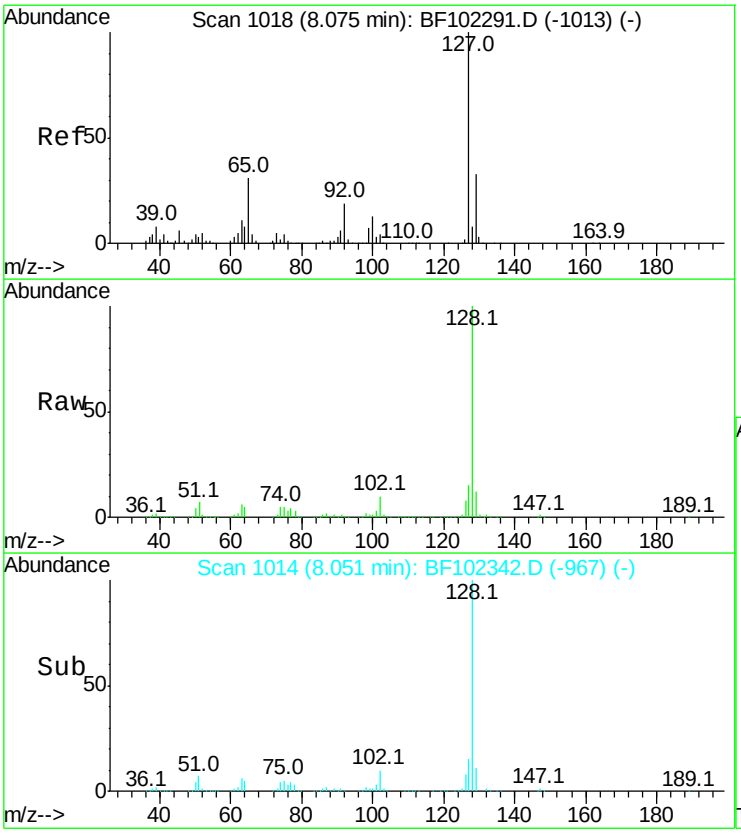
#32
Benzoic acid
Concen: 122.861 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 800978

Ion	Ratio	Lower	Upper
122	100		
105	3.8	101.1	141.1#
77	33.5	70.7	110.7#

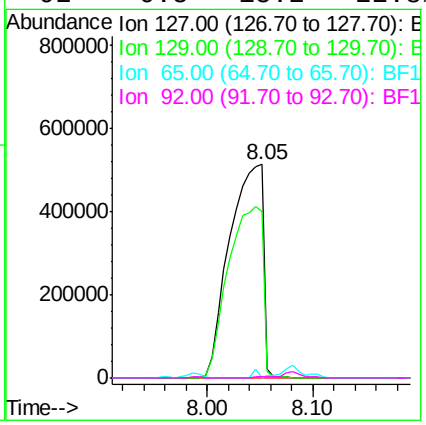


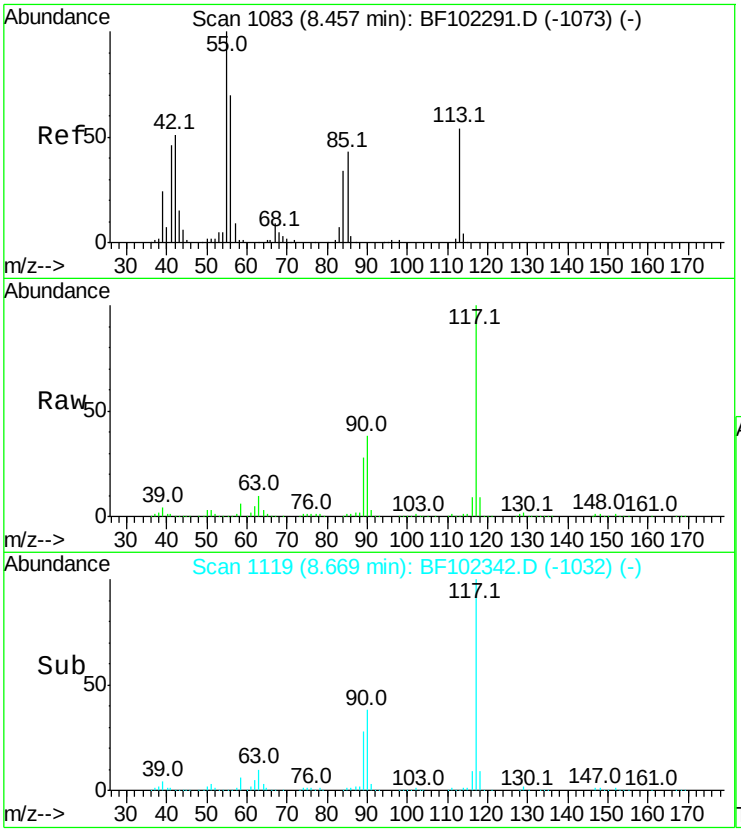


#33
4-Chloroaniline
Concen: 95.098 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:127 Resp: 1141601

Ion	Ratio	Lower	Upper
127	100		
129	77.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.5	15.2	22.8#



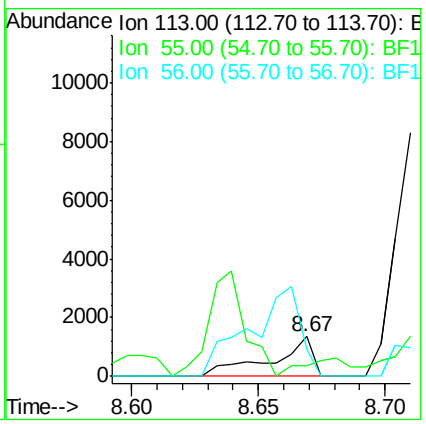


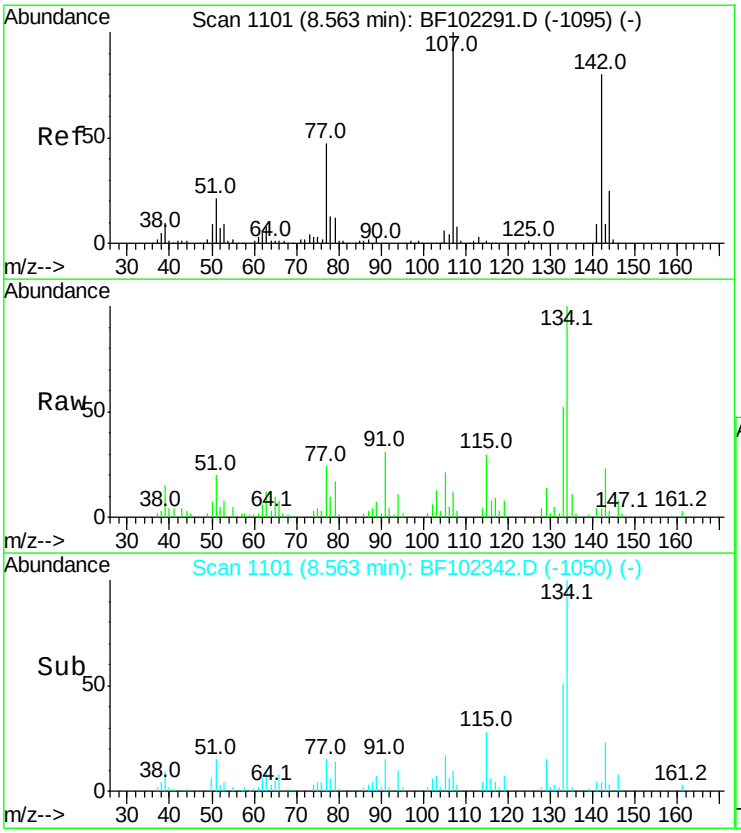
#35
Caprolactam
Concen: 0.576 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.21 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 1508

Ion	Ratio	Lower	Upper
113	100		
55	26.3	163.3	203.3#
56	69.7	115.7	155.7#

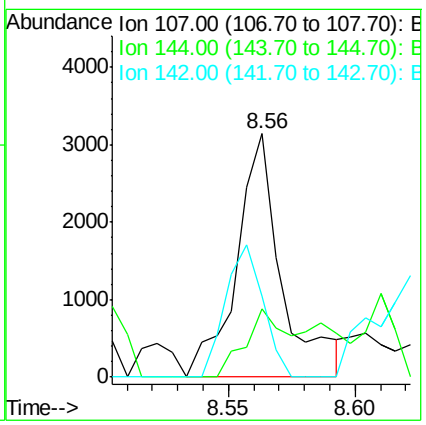


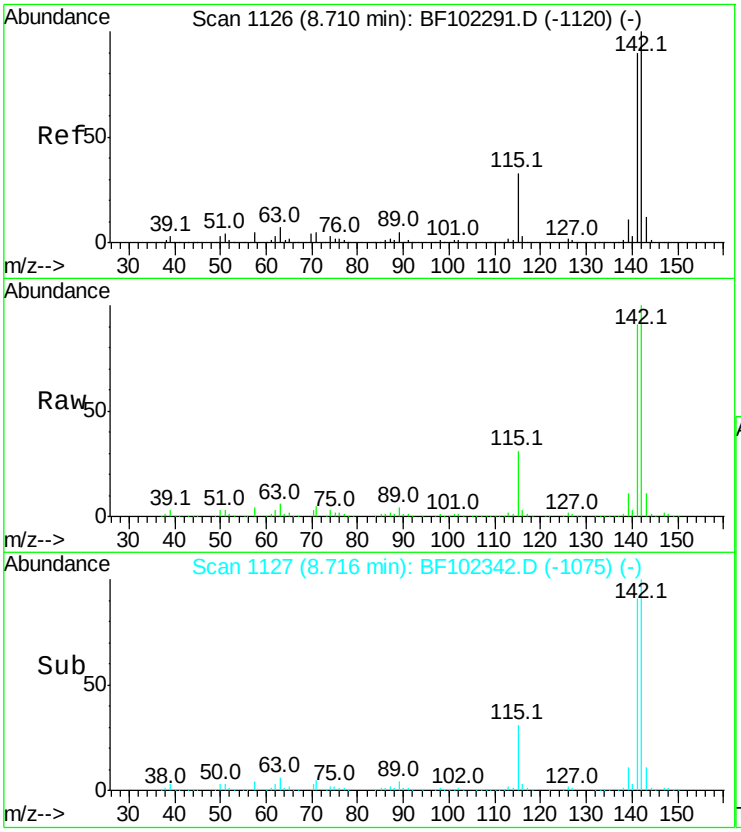


#36
4-Chloro-3-methylphenol
Concen: 0.465 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:107 Resp: 3882

Ion	Ratio	Lower	Upper
107	100		
144	27.9	20.5	30.7
142	33.1	62.0	93.0#

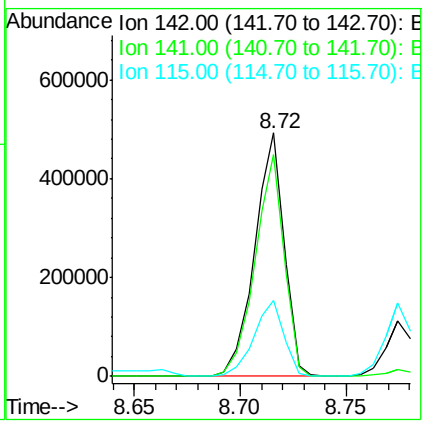




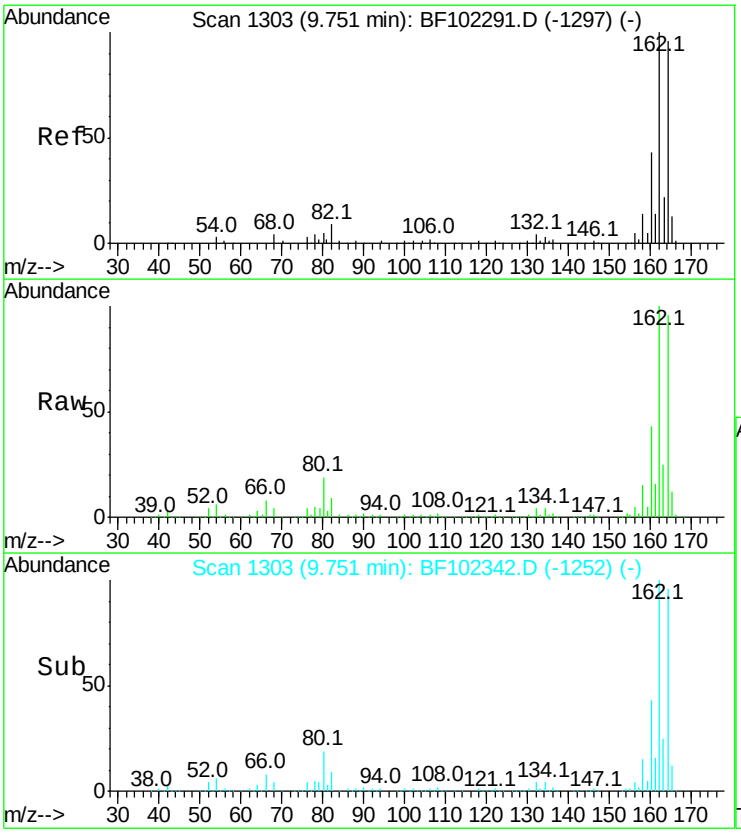
#37
2-Methylnaphthalene
Concen: 25.142 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:142 Resp: 477988

Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.8	106.2
115	31.3	26.1	39.1



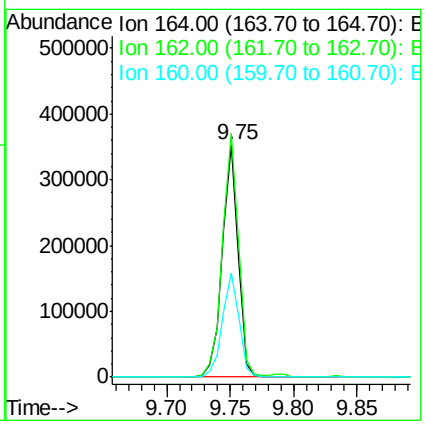
Instrument :
BNA_F
ClientSampleId :

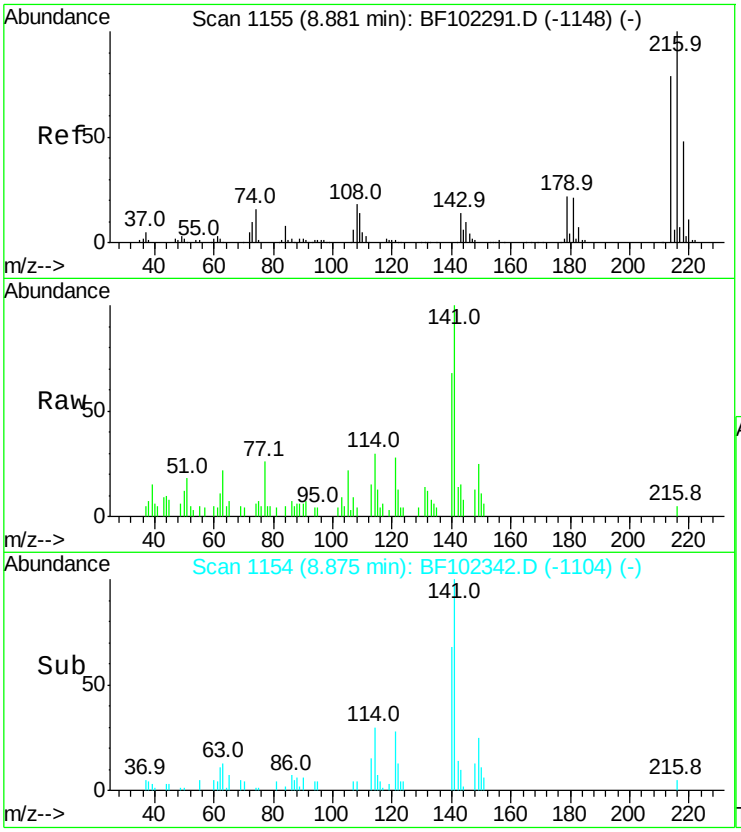


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:164 Resp: 309266

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	44.7	38.3	57.5



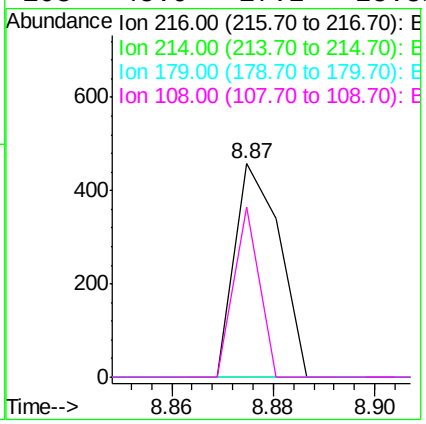


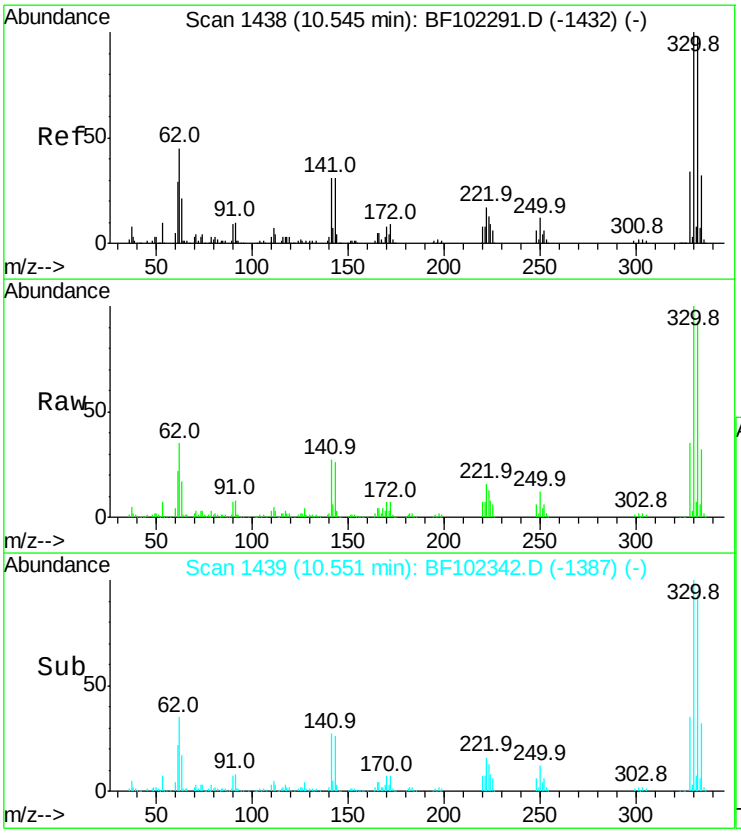
#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.030 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:216 Resp: 281

Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.0	94.4#
179	0.0	18.1	27.1#
108	45.9	17.2	25.8#

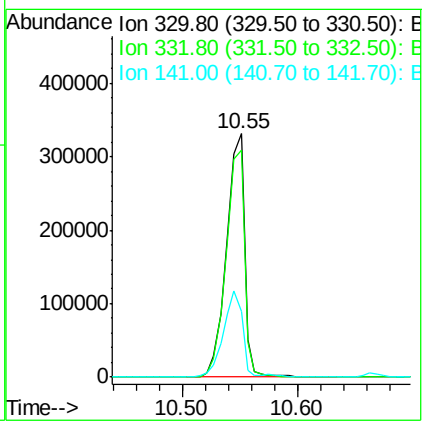


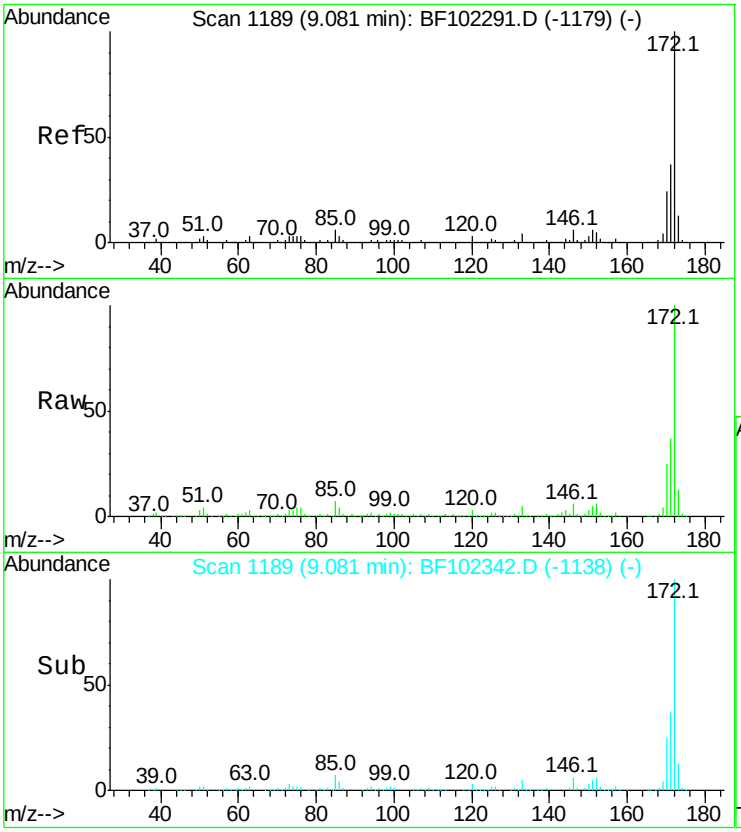


#41
2,4,6-Tribromophenol
Concen: 117.907 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:330 Resp: 361312

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	38.4	29.9	44.9



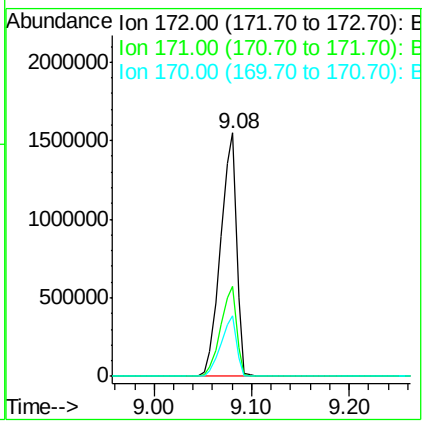


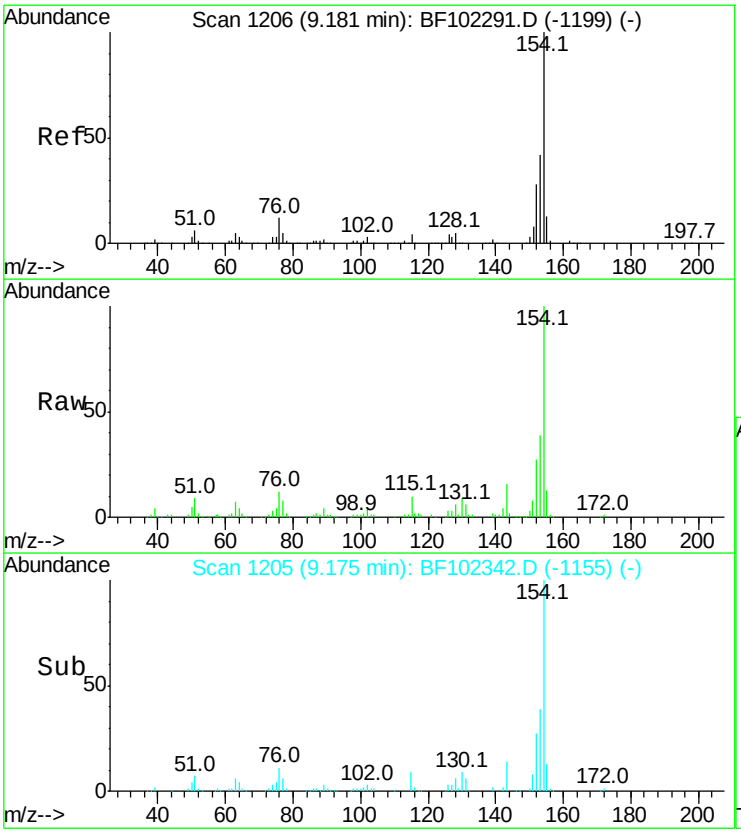
#44
2-Fluorobiphenyl
Concen: 83.962 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1766015

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4

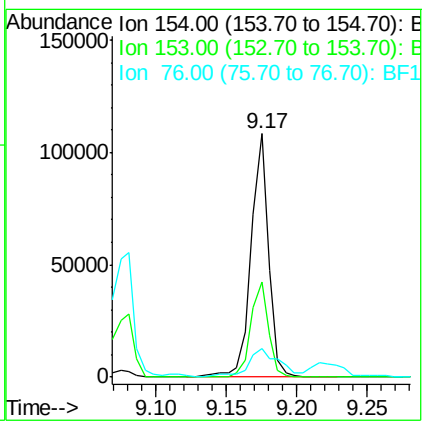


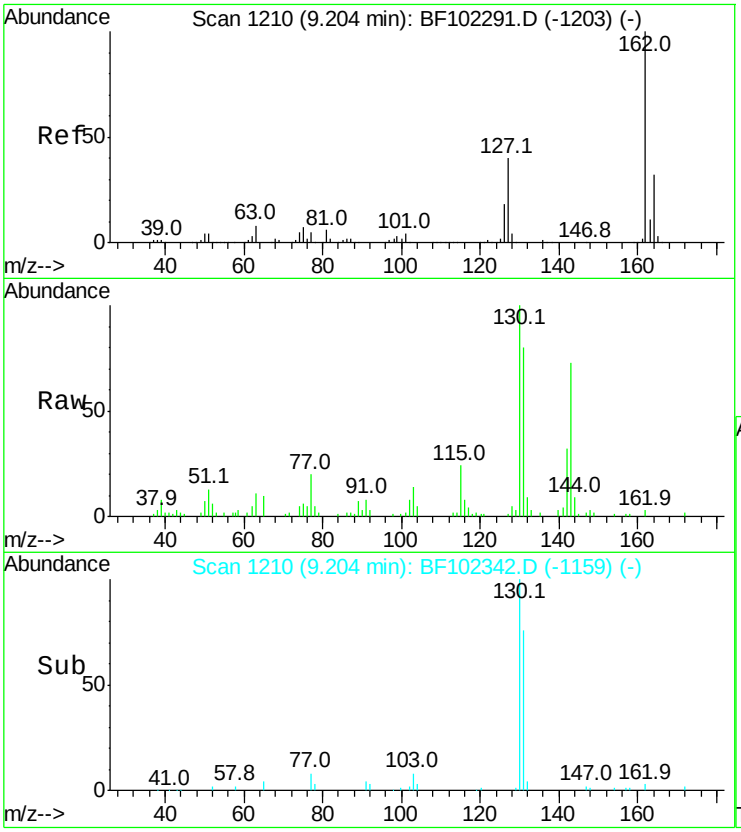


#45
1,1'-Biphenyl
Concen: 3.449 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:154 Resp: 95378

Ion	Ratio	Lower	Upper
154	100		
153	39.2	21.3	61.3
76	11.8	0.0	34.0



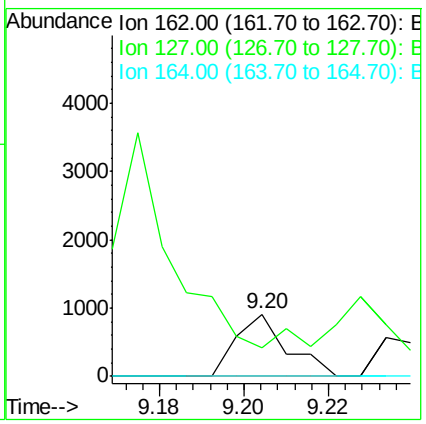


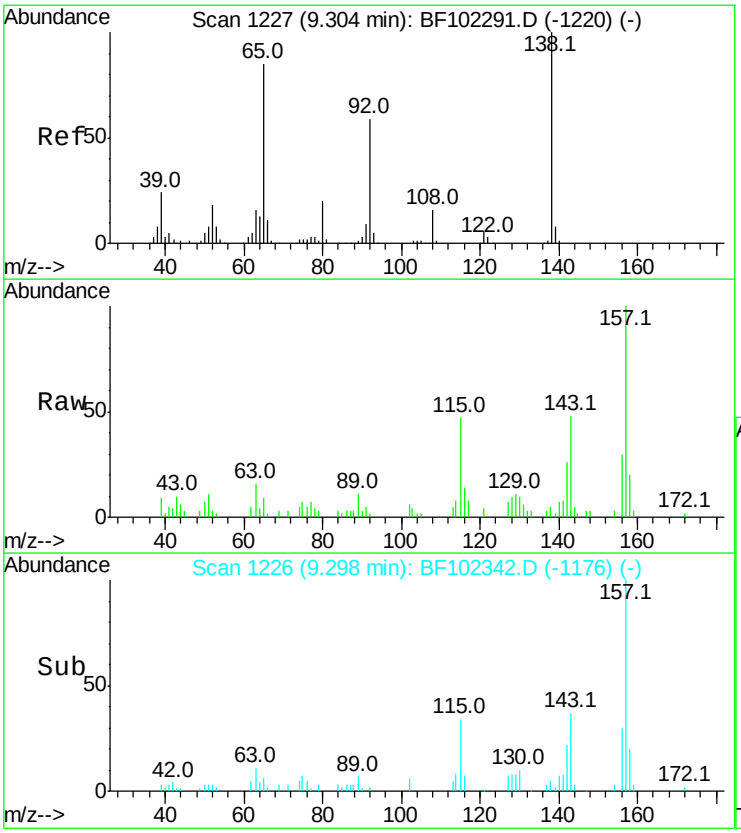
#46
2-Chloronaphthalene
Concen: 0.035 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 753

Ion	Ratio	Lower	Upper
162	100		
127	45.6	33.9	50.9
164	0.0	26.5	39.7#

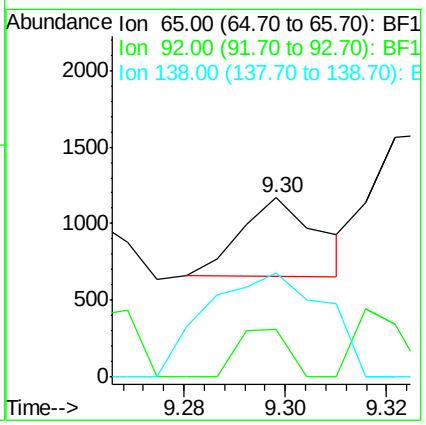


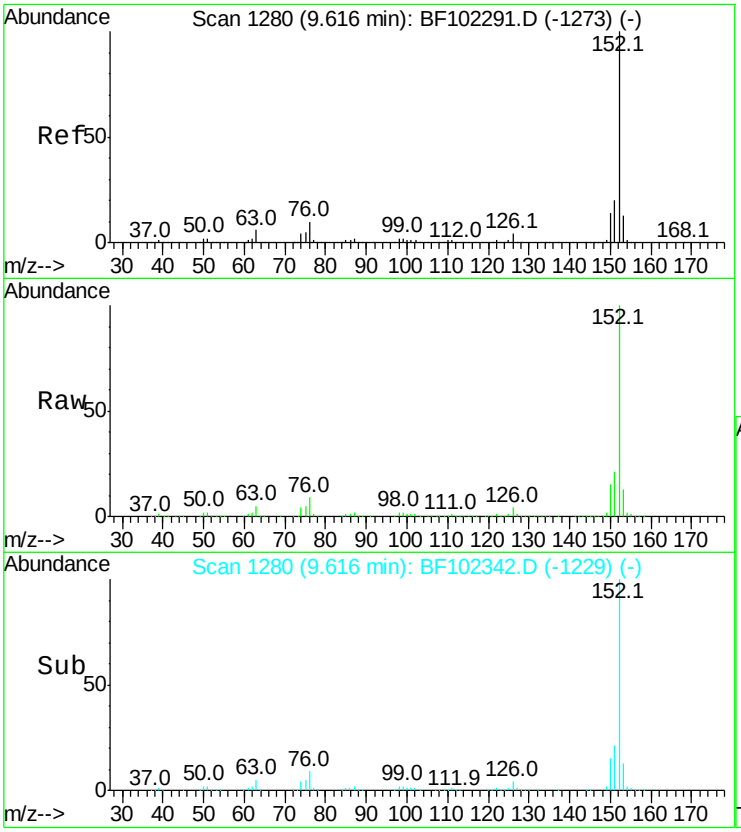


#47
2-Nitroaniline
Concen: 0.081 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion: 65 Resp: 540

Ion	Ratio	Lower	Upper
65	100		
92	26.8	55.8	83.6#
138	57.9	91.2	136.8#



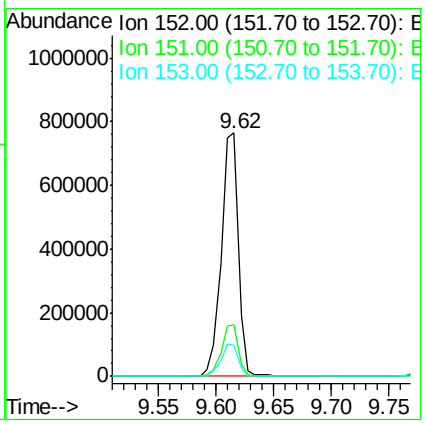


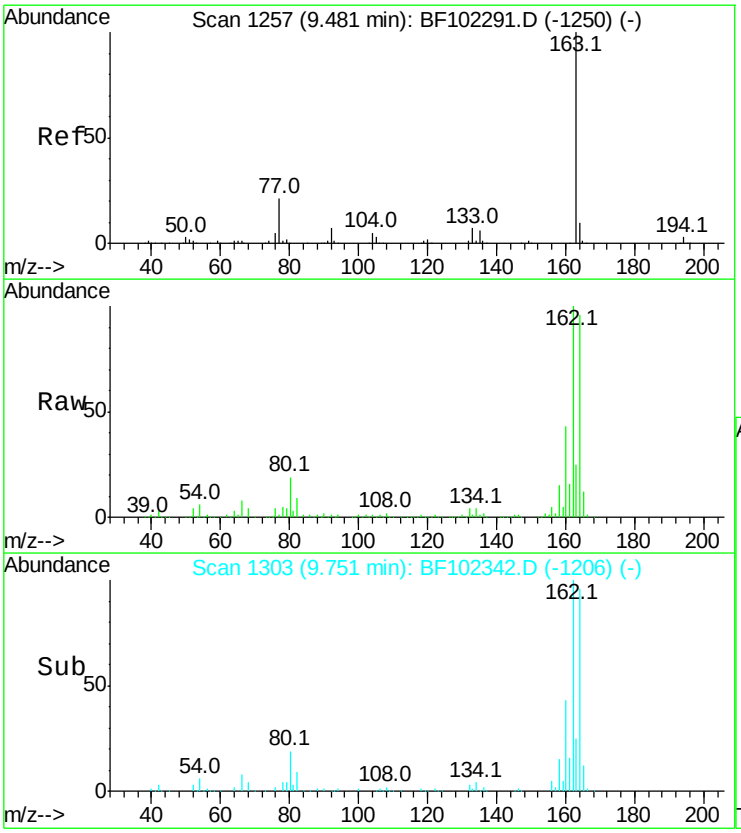
#48
Acenaphthylene
Concen: 23.442 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 785003

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	12.9	10.7	16.1

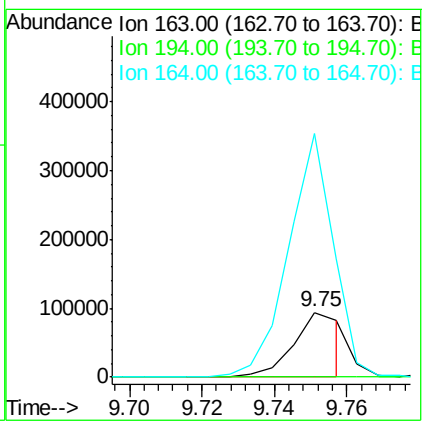


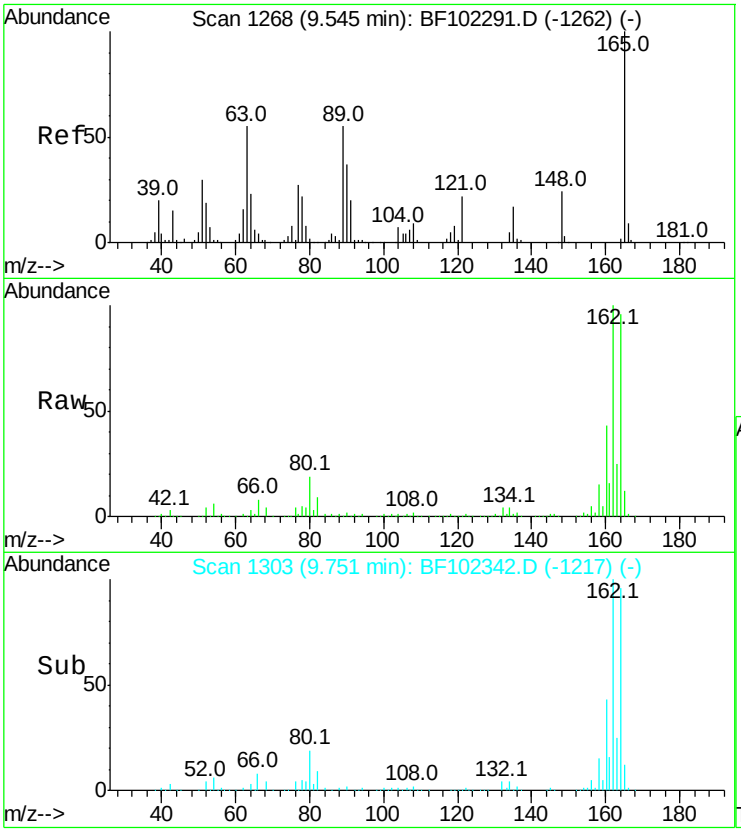


#49
Dimethylphthalate
Concen: 3.358 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.27 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:163 Resp: 85851

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	375.1	8.2	12.2#



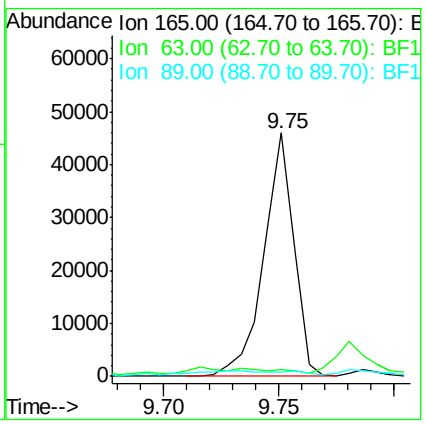


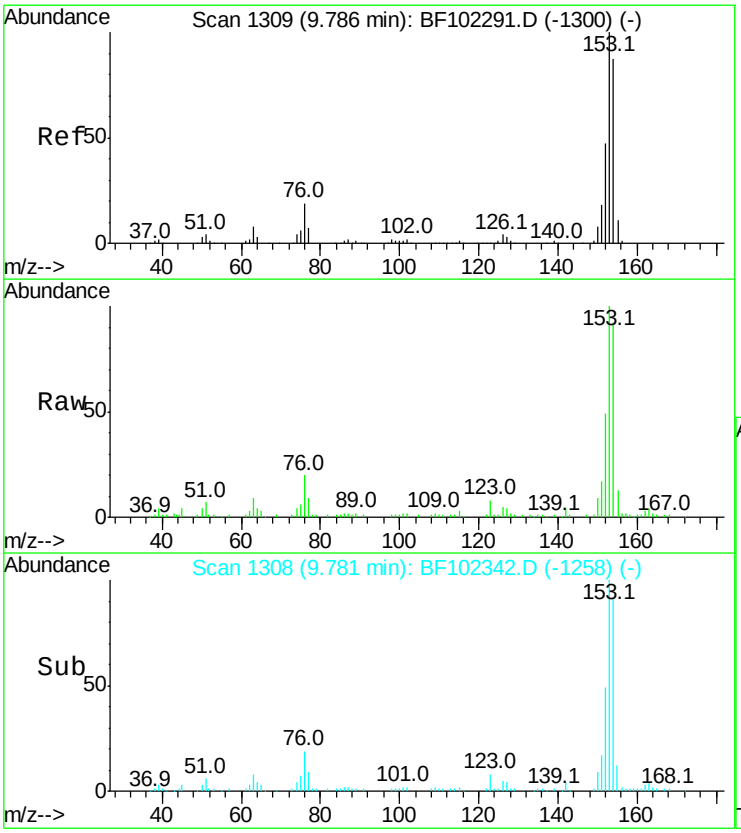
#50
2,6-Dinitrotoluene
Concen: 7.577 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41760

Ion	Ratio	Lower	Upper
165	100		
63	2.9	44.7	67.1#
89	1.7	44.0	66.0#

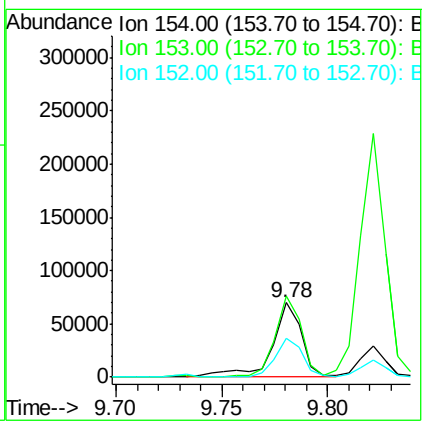


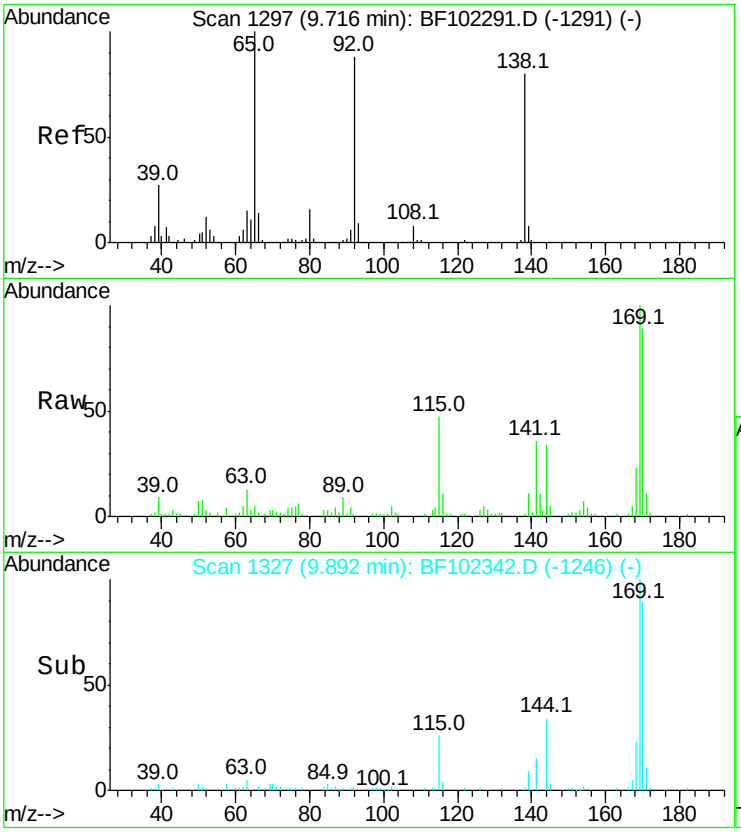


#51
Acenaphthene
Concen: 3.362 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:154 Resp: 65759

Ion	Ratio	Lower	Upper
154	100		
153	108.6	91.2	136.8
152	52.8	43.8	65.8



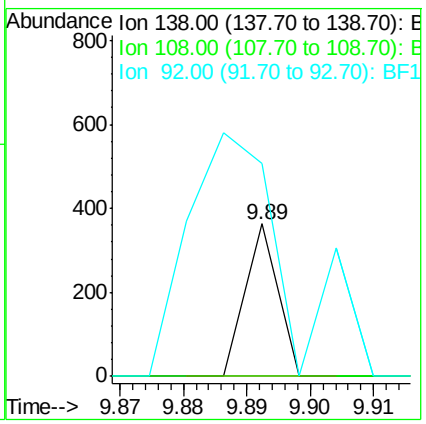


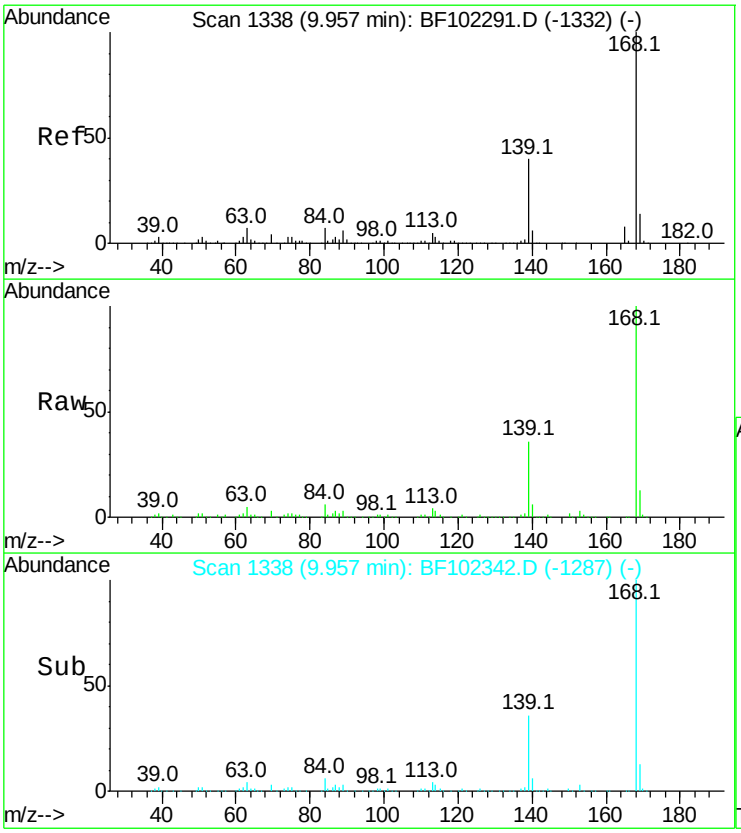
#52
3-Nitroaniline
Concen: 0.020 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.18 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 128

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	139.7	89.4	134.2#

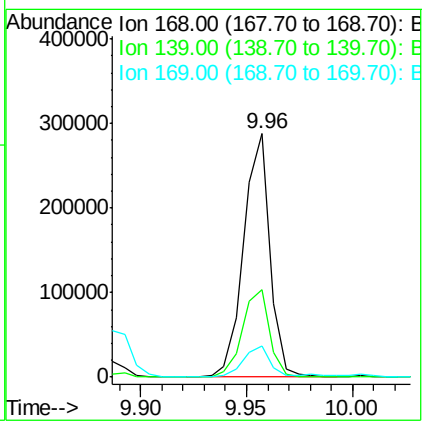


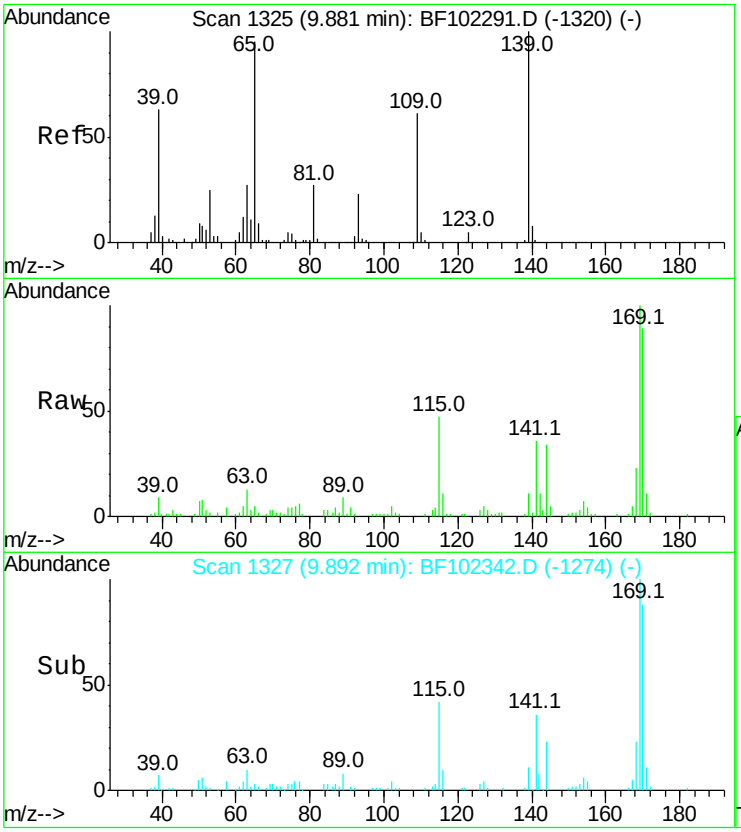


#54
Dibenzofuran
Concen: 9.442 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:168 Resp: 249915

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1
169	12.6	10.9	16.3



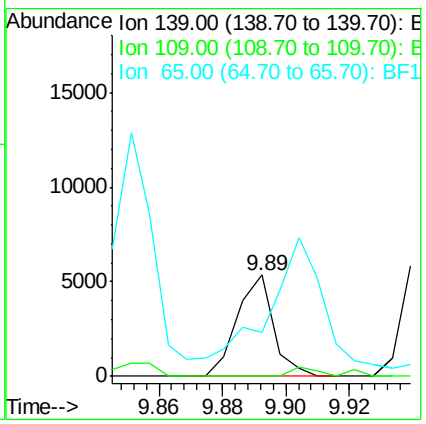


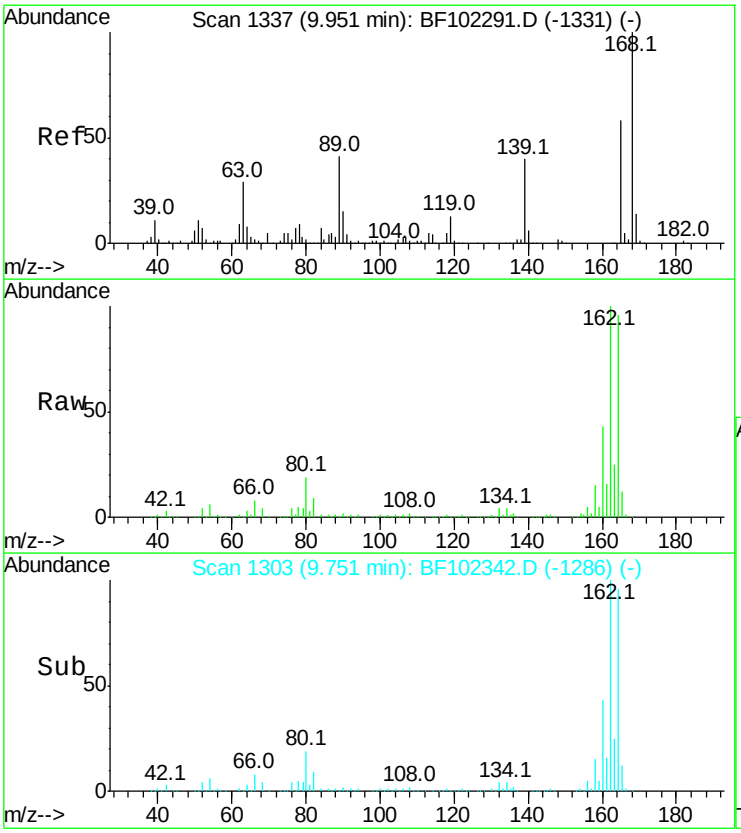
#55
4-Nitrophenol
Concen: 0.985 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4239

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	43.6	72.6	112.6#

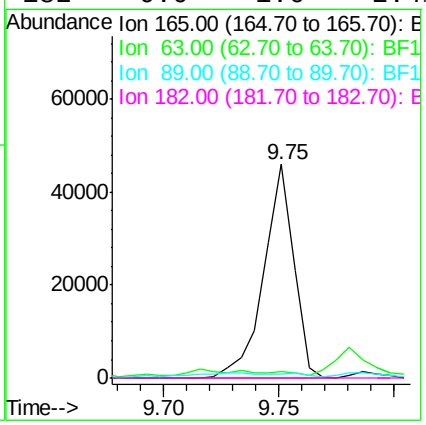


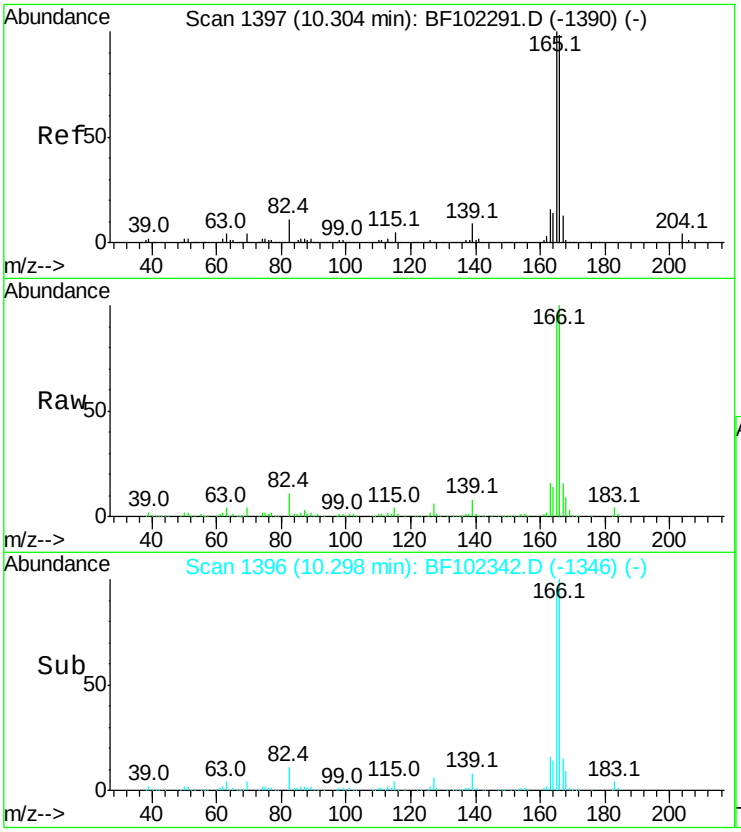


#56
2,4-Dinitrotoluene
Concen: 6.162 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:165 Resp: 41760

Ion	Ratio	Lower	Upper
165	100		
63	2.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



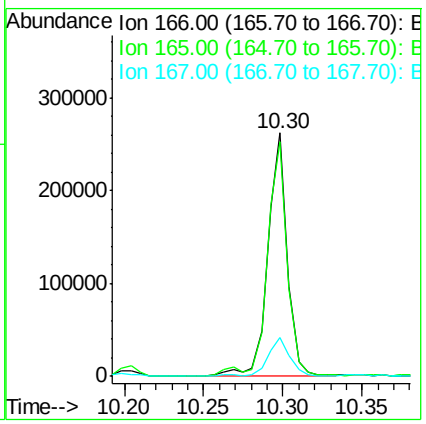


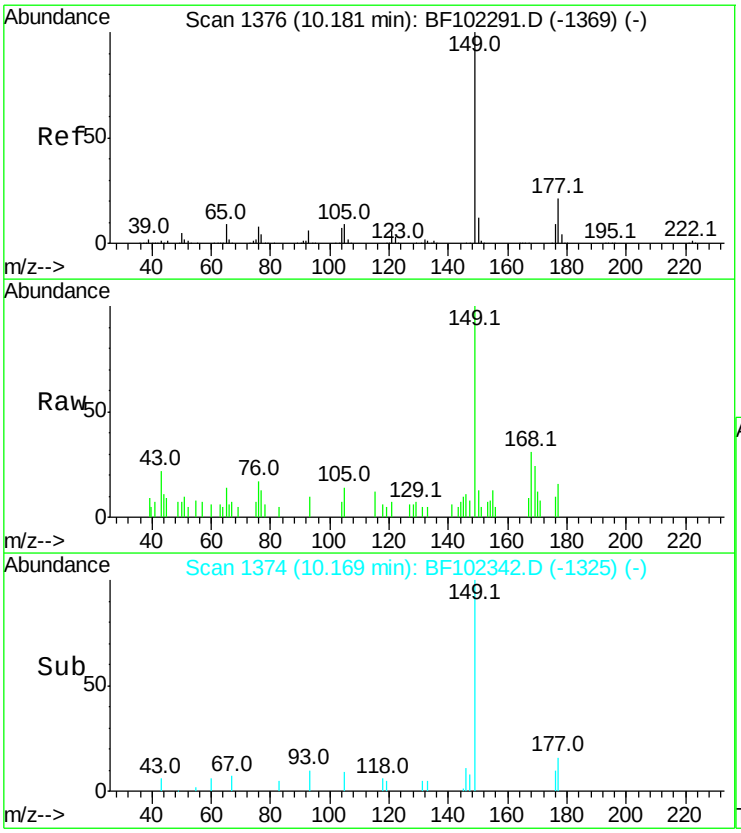
#57
Fluorene
Concen: 10.828 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 227110

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.8	119.8
167	15.7	10.6	16.0

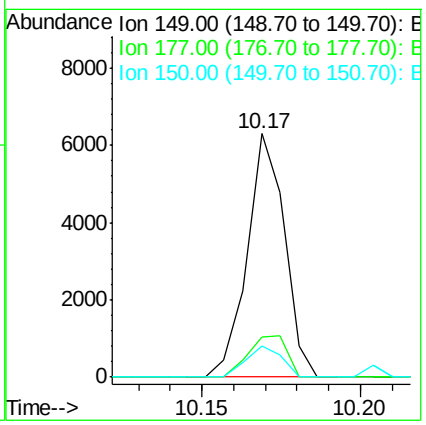


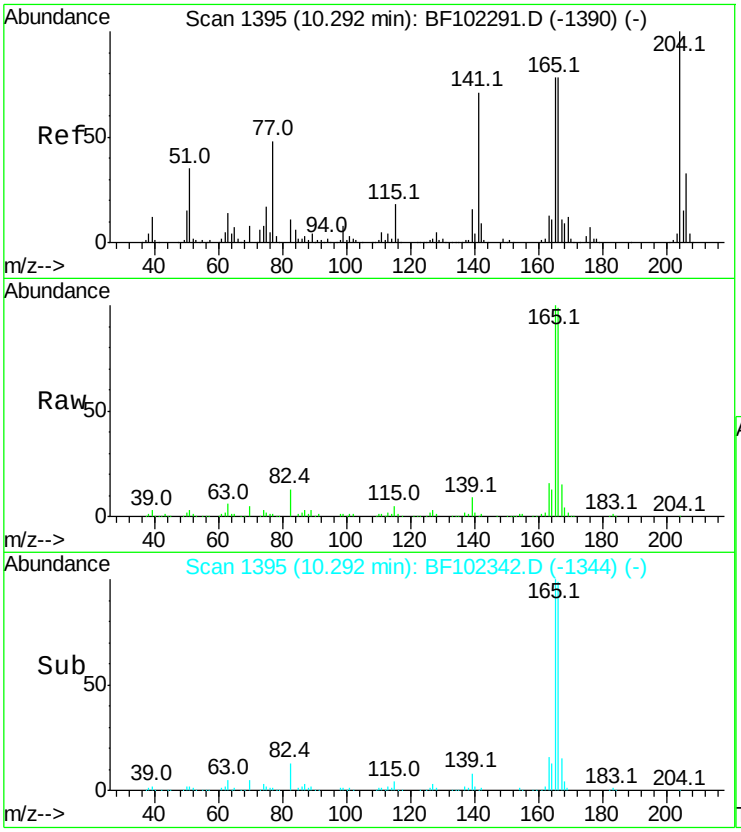


#59
Diethylphthalate
Concen: 0.207 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:149 Resp: 5141

Ion	Ratio	Lower	Upper
149	100		
177	16.4	16.1	24.1
150	12.9	10.1	15.1



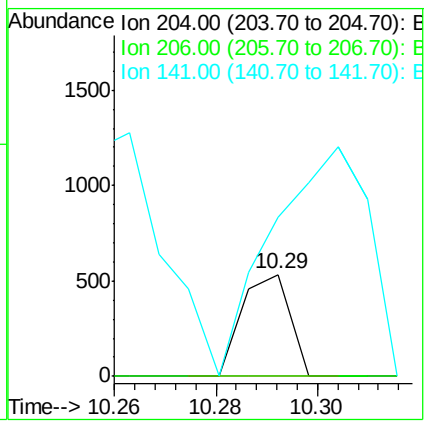


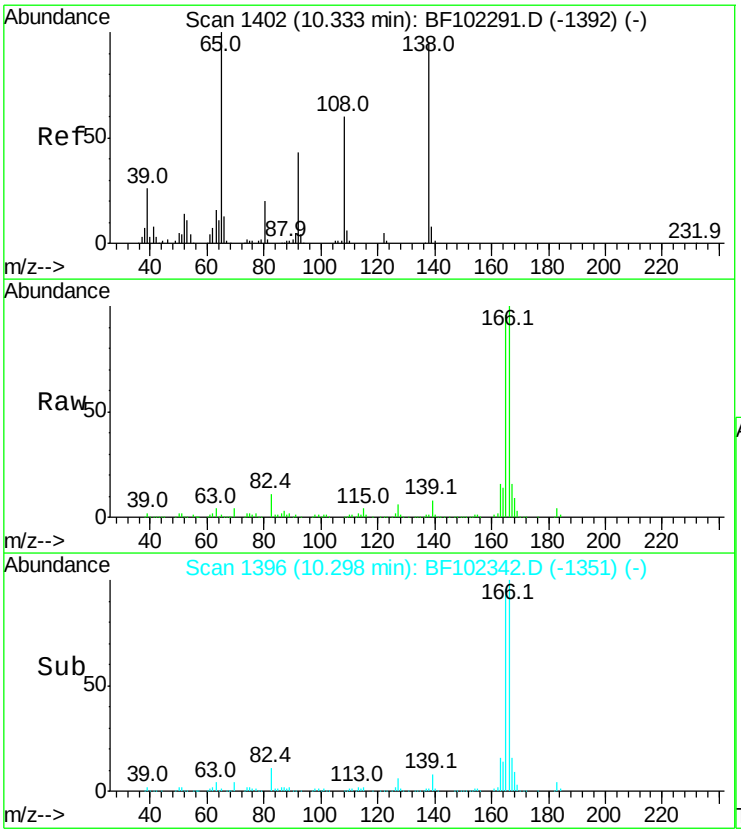
#60
4-Chlorophenyl-phenylether
Concen: 0.038 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 350

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	155.6	54.6	81.8#

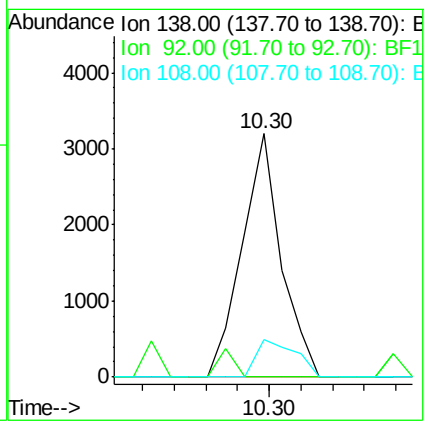


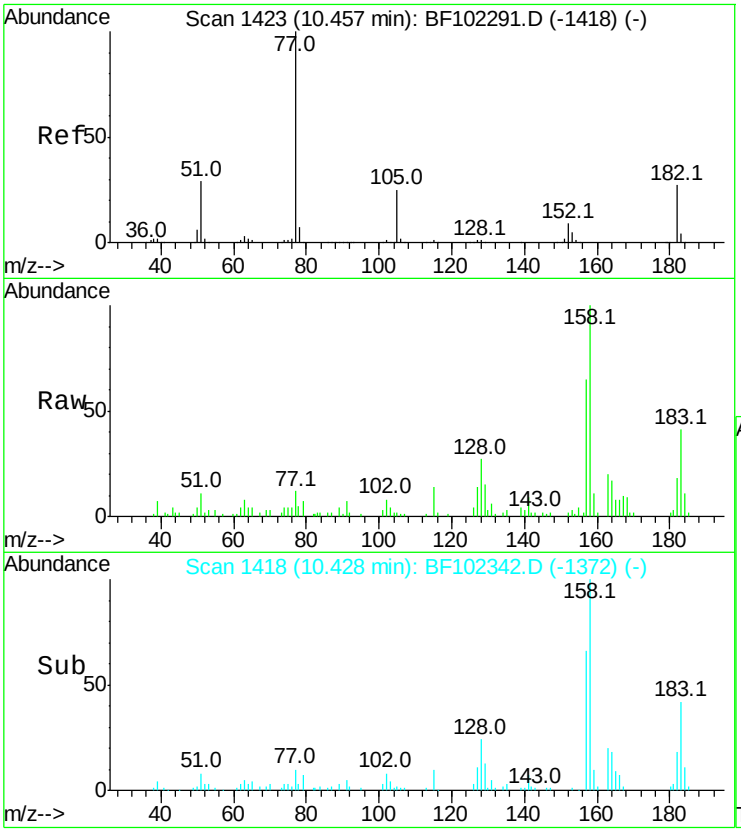


#61
4-Nitroaniline
Concen: 0.419 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:138 Resp: 2728

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	15.2	52.5	92.5#



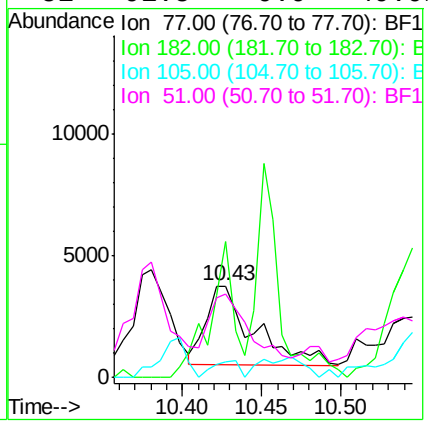


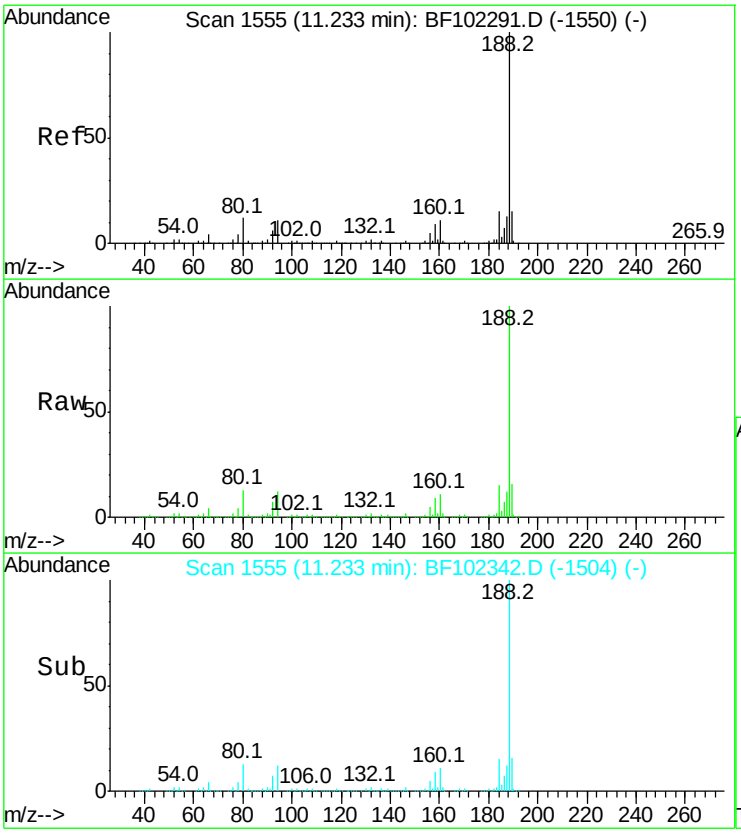
#62
Azobenzene
Concen: 0.297 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.03 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 6755

Ion	Ratio	Lower	Upper
77	100		
182	148.8	1.7	41.7#
105	17.4	3.0	43.0
51	91.5	9.9	49.9#

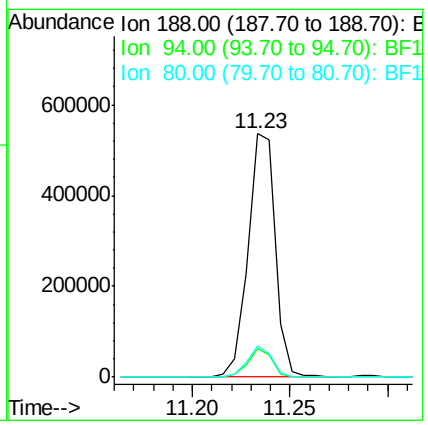


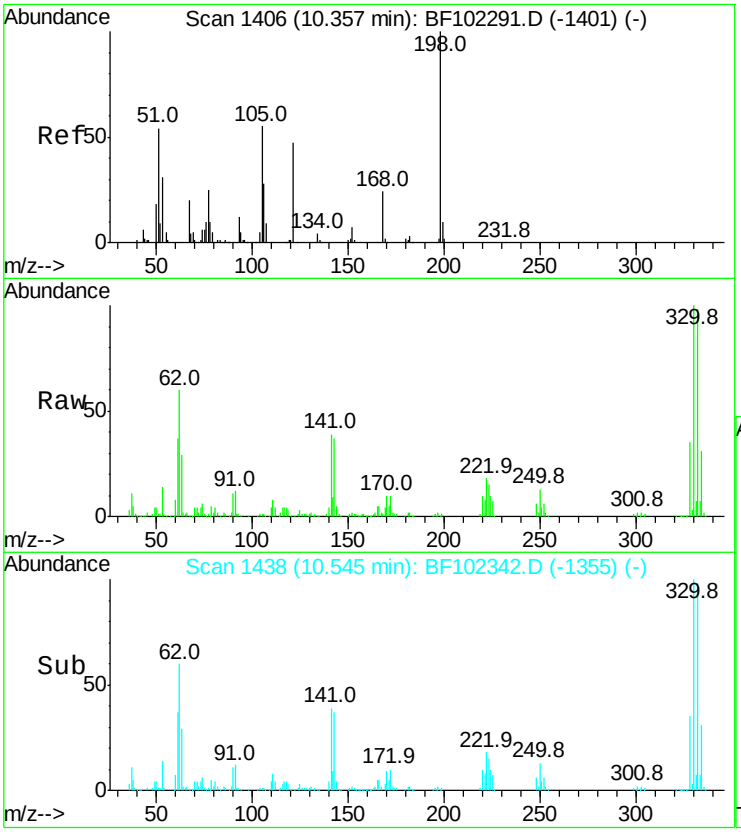


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:188 Resp: 519604

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.8	9.2	13.8



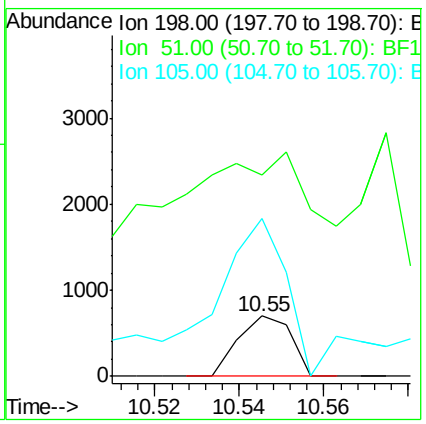


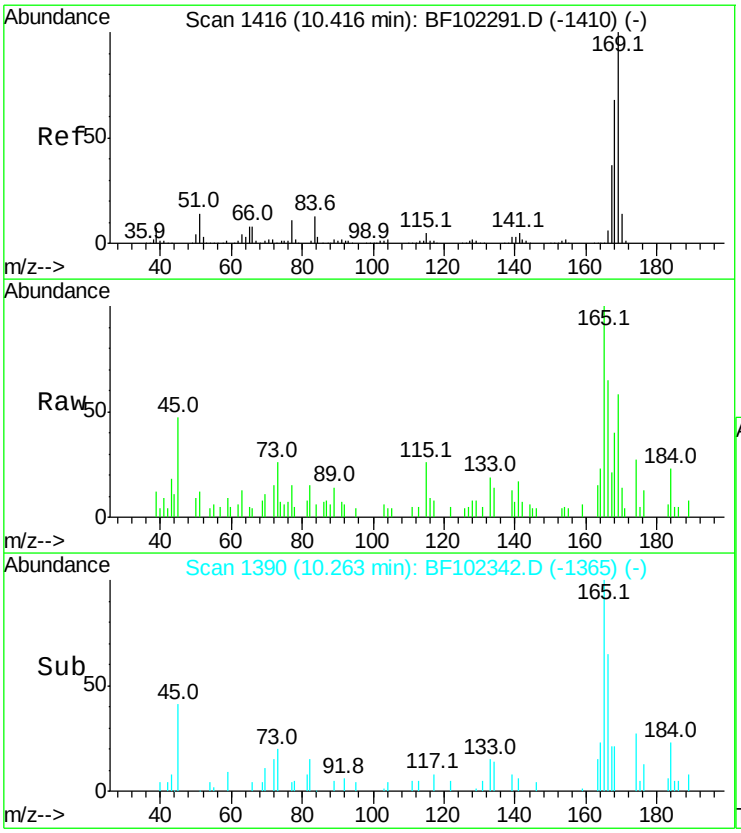
#64
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 605

Ion	Ratio	Lower	Upper
198	100		
51	333.9	37.7	77.7#
105	261.3	36.3	76.3#

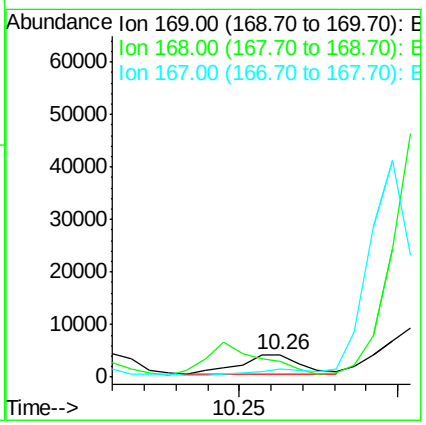


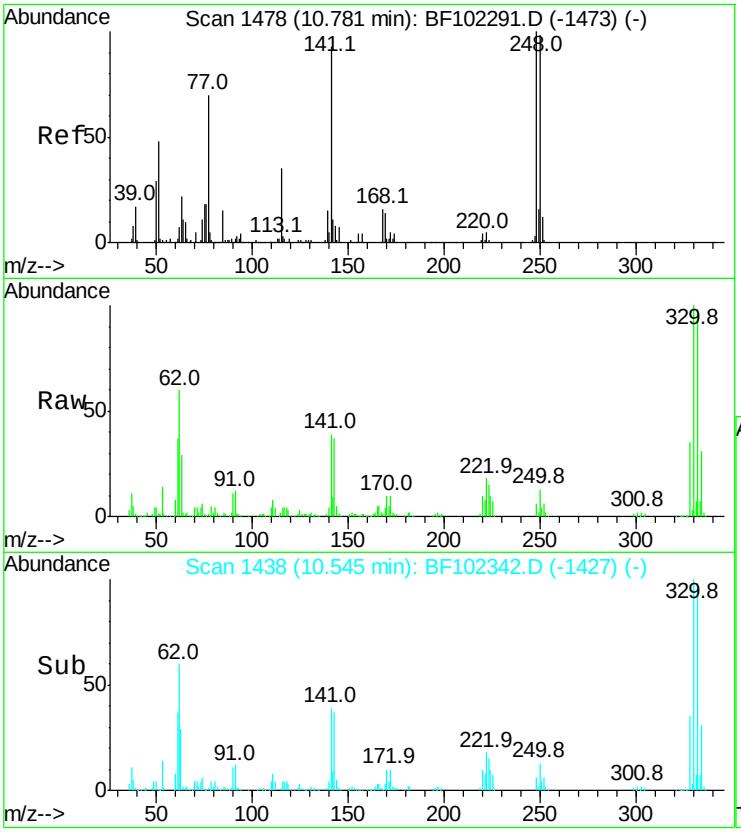


#65
n-Nitrosodiphenylamine
Concen: 0.264 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.15 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:169 Resp: 5036

Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	36.8	29.8	44.6



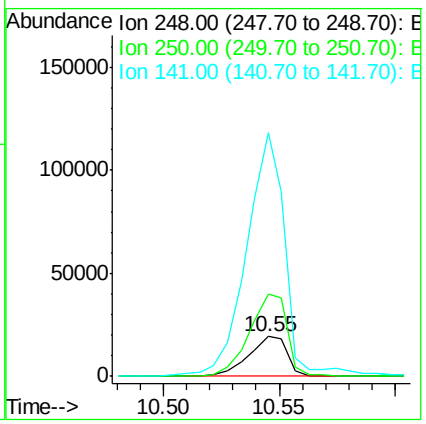


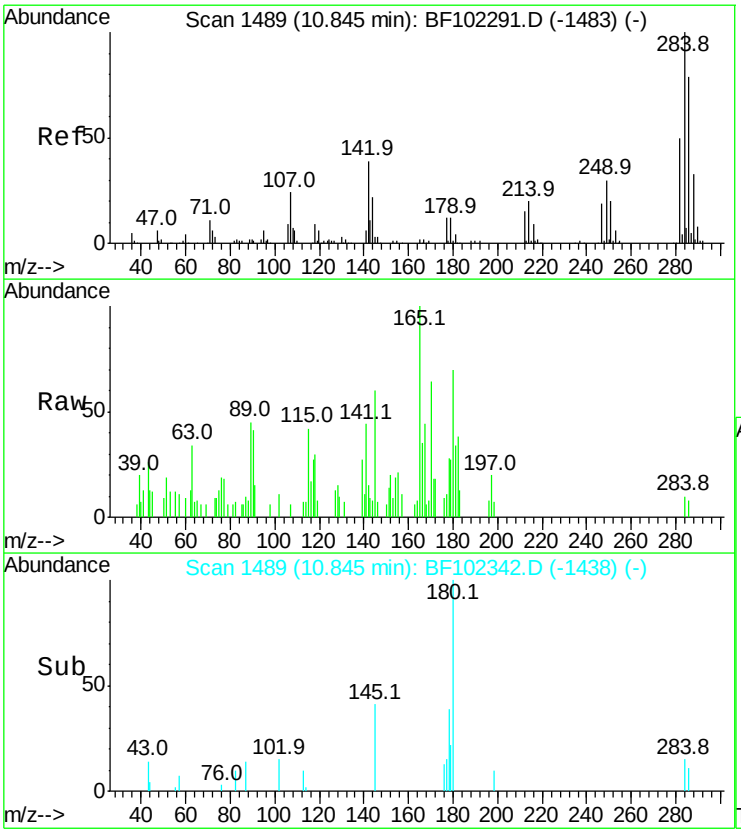
#66
4-Bromophenyl-phenylether
Concen: 4.024 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 22507

Ion	Ratio	Lower	Upper
248	100		
250	206.4	76.9	115.3#
141	610.4	74.4	111.6#

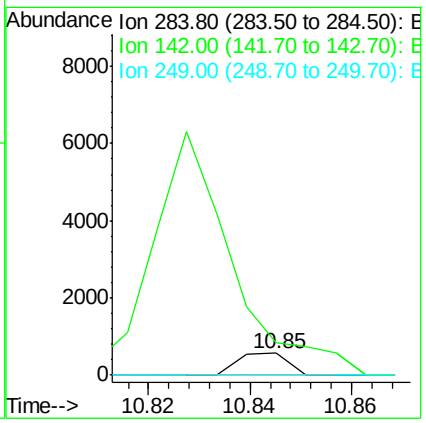


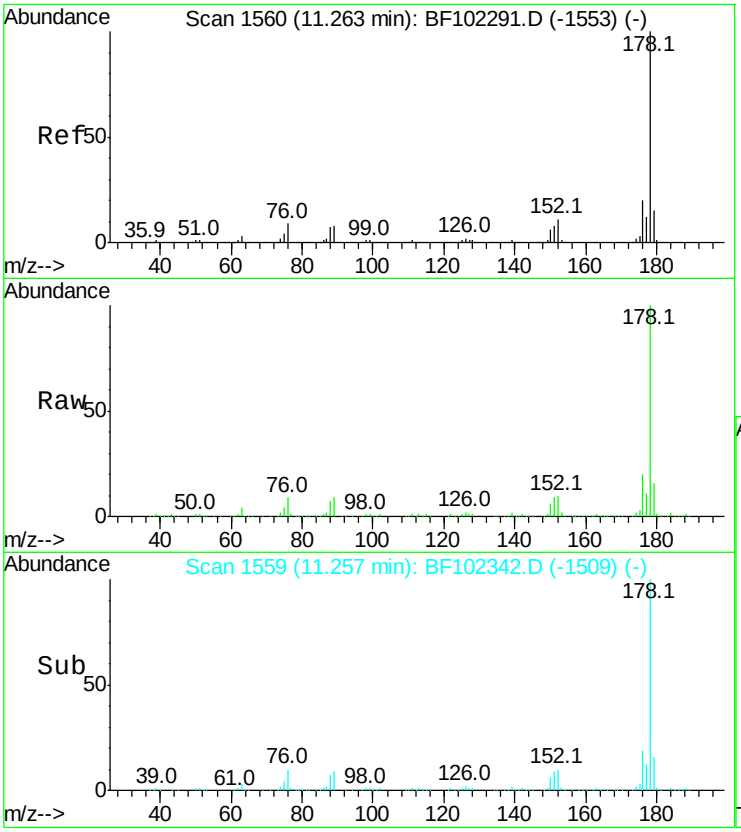


#67
Hexachlorobenzene
Concen: 0.062 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:284 Resp: 388

Ion	Ratio	Lower	Upper
284	100		
142	147.4	34.6	52.0#
249	0.0	24.8	37.2#



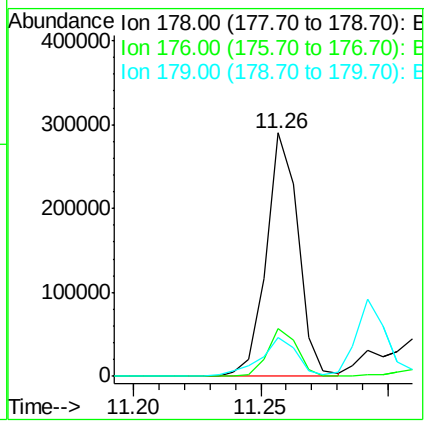


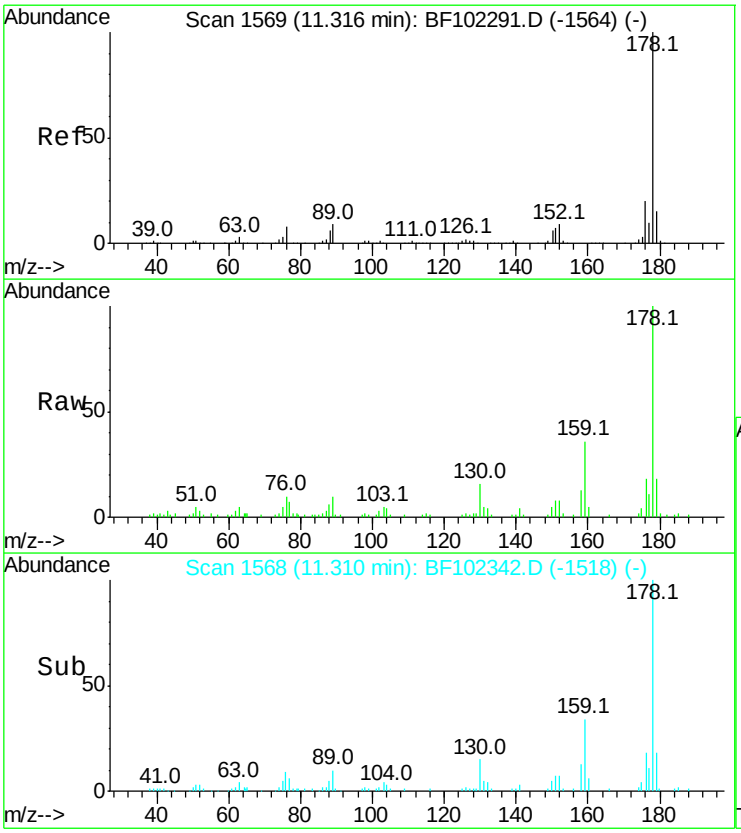
#70
Phenanthrene
Concen: 8.379 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 253698

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	13.0	19.6

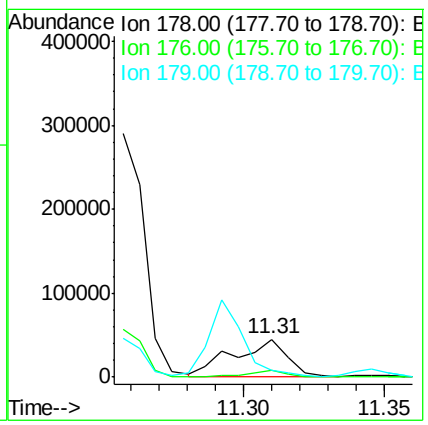


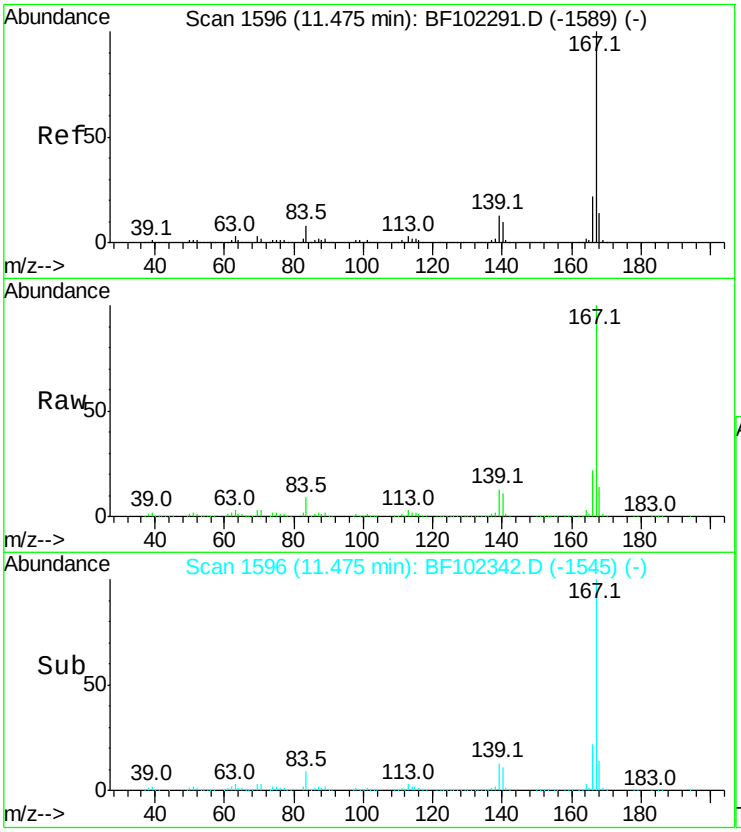


#71
Anthracene
Concen: 1.895 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:178 Resp: 58556

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	18.3	12.6	19.0



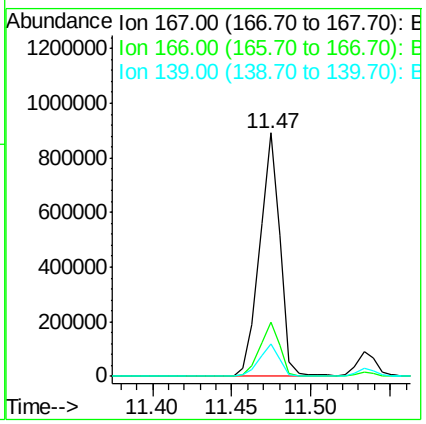


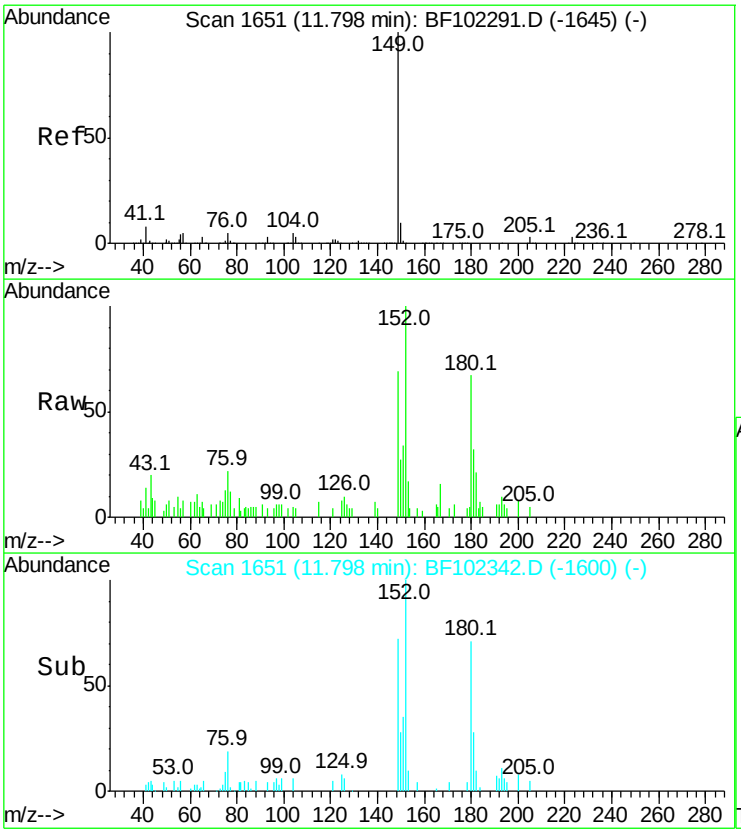
#72
Carbazole
Concen: 26.649 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 803463

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3

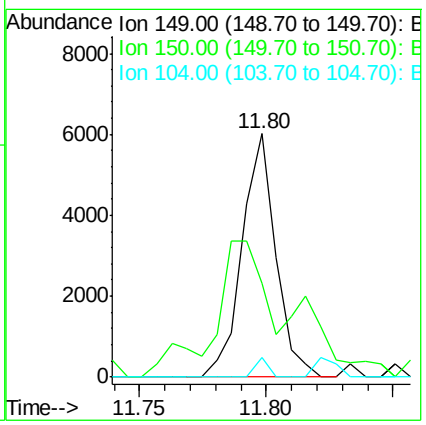


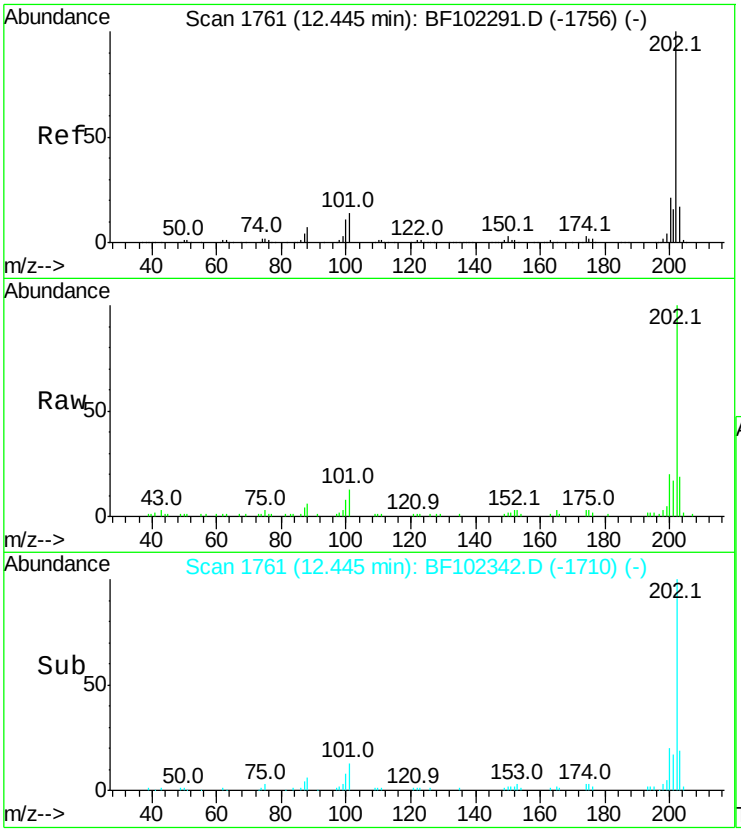


#73
Di-n-butylphthalate
Concen: 0.148 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:149 Resp: 5559

Ion	Ratio	Lower	Upper
149	100		
150	38.5	7.8	11.6#
104	7.9	3.8	5.8#



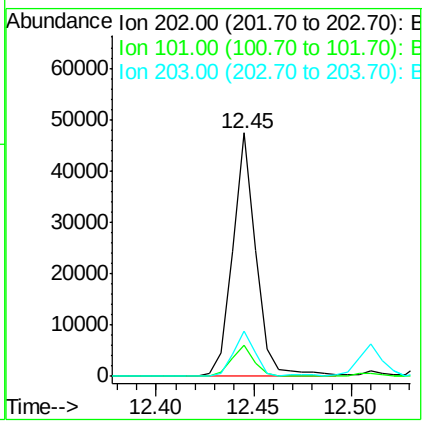


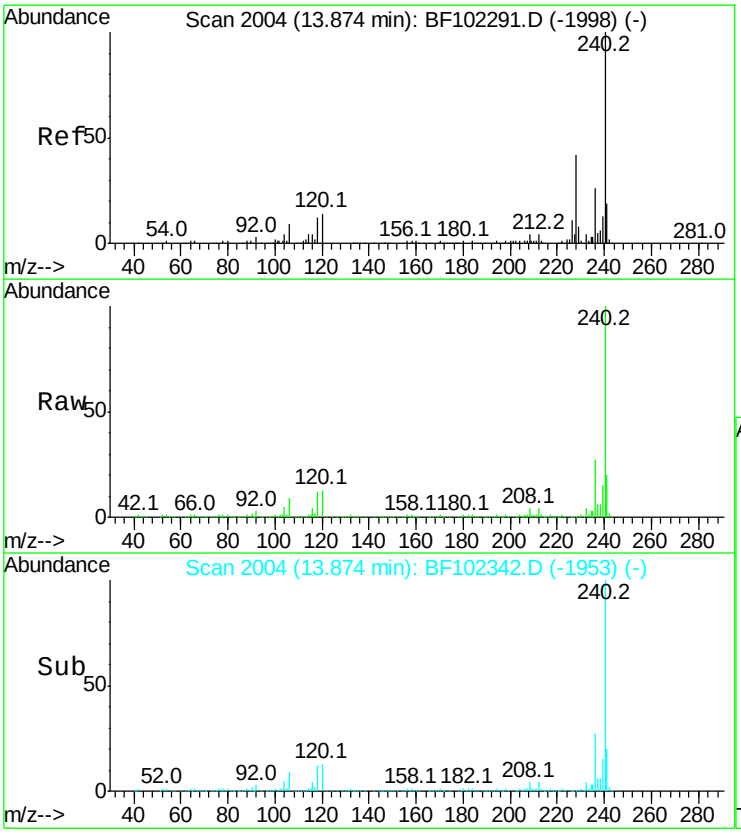
#74
Fluoranthene
Concen: 1.279 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 39485

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	18.7	0.0	38.1

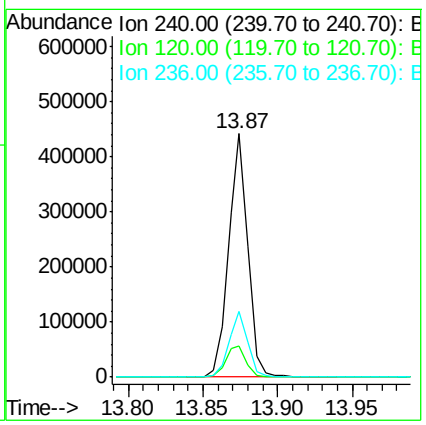


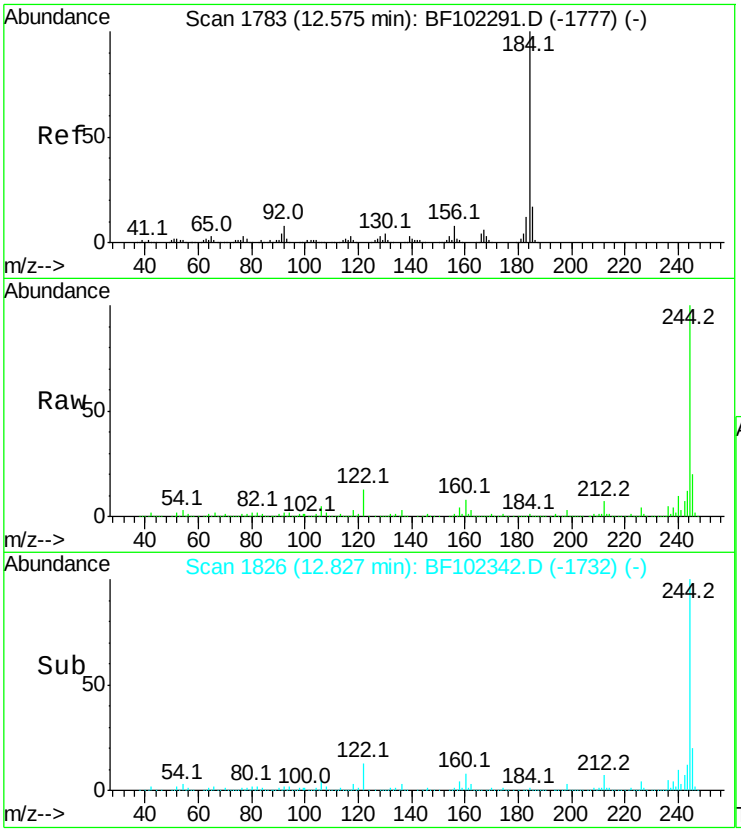


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:240 Resp: 402238

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.7	20.7	31.1



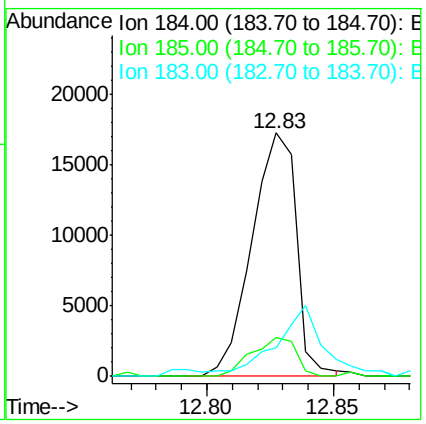


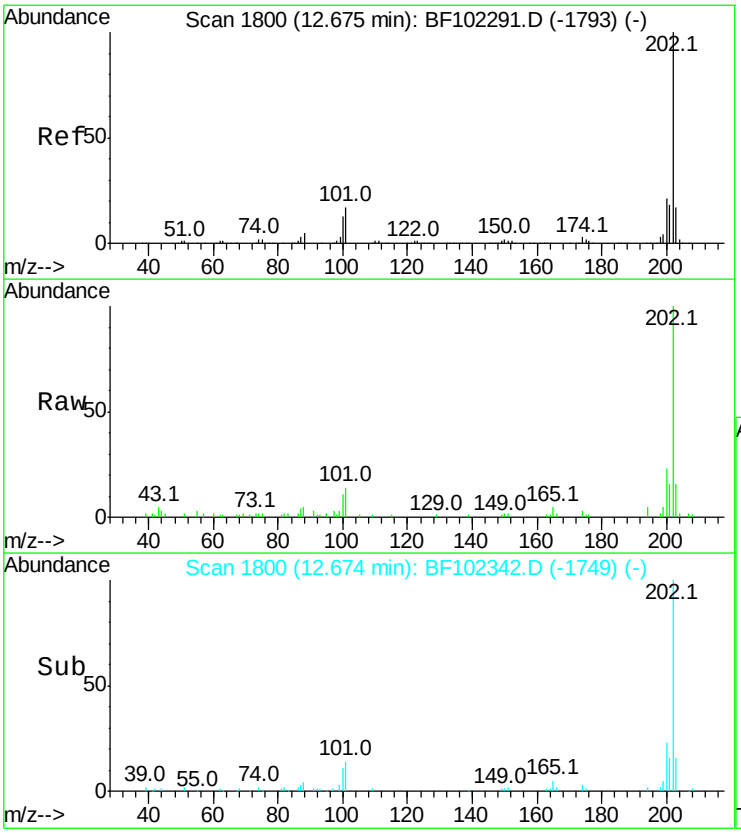
#76
Benzidine
Concen: 1.572 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.25 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 21243

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.6	18.8
183	11.8	9.3	13.9

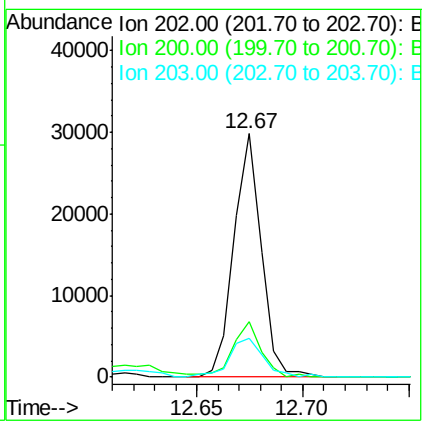


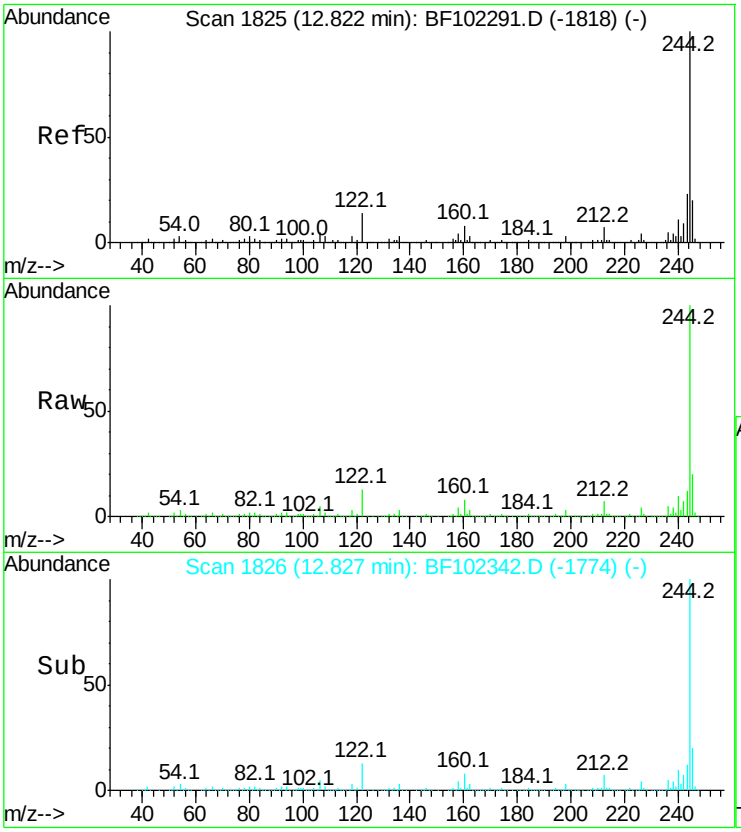


#77
Pyrene
Concen: 0.857 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:202 Resp: 26653

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	16.0	14.3	21.5



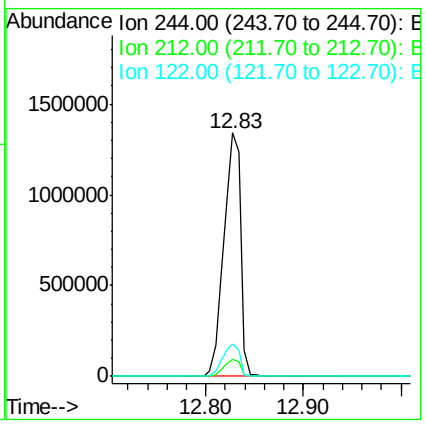


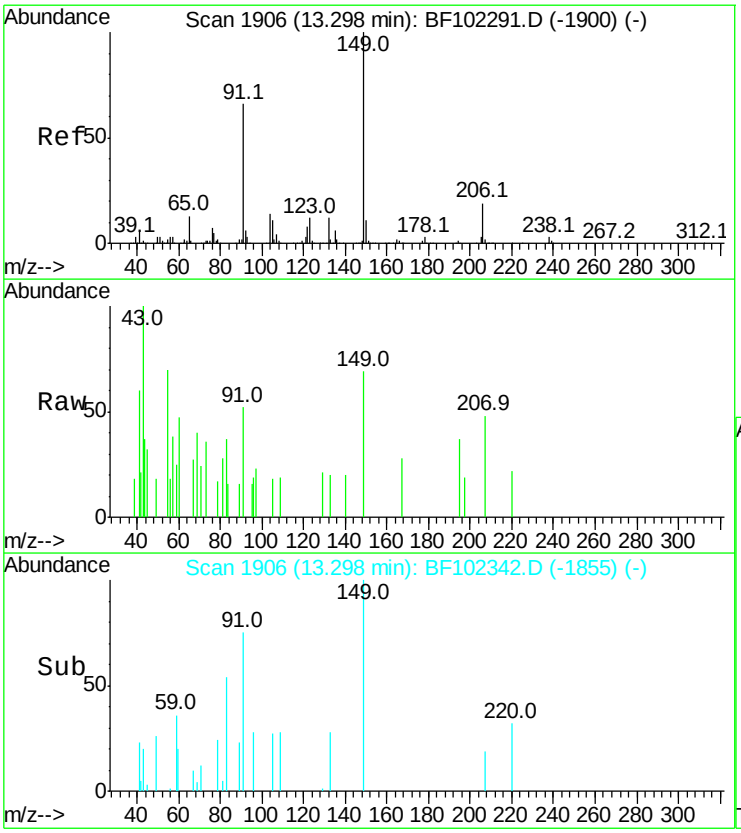
#78
Terphenyl-d14
Concen: 89.547 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1597755

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	11.0	16.4

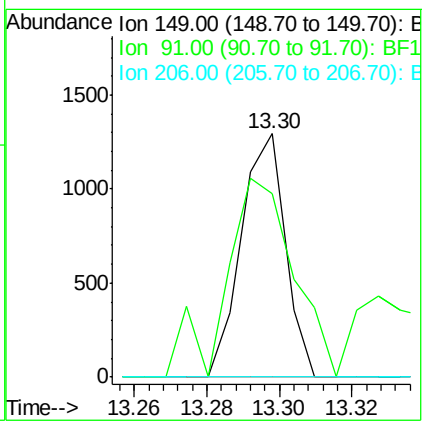


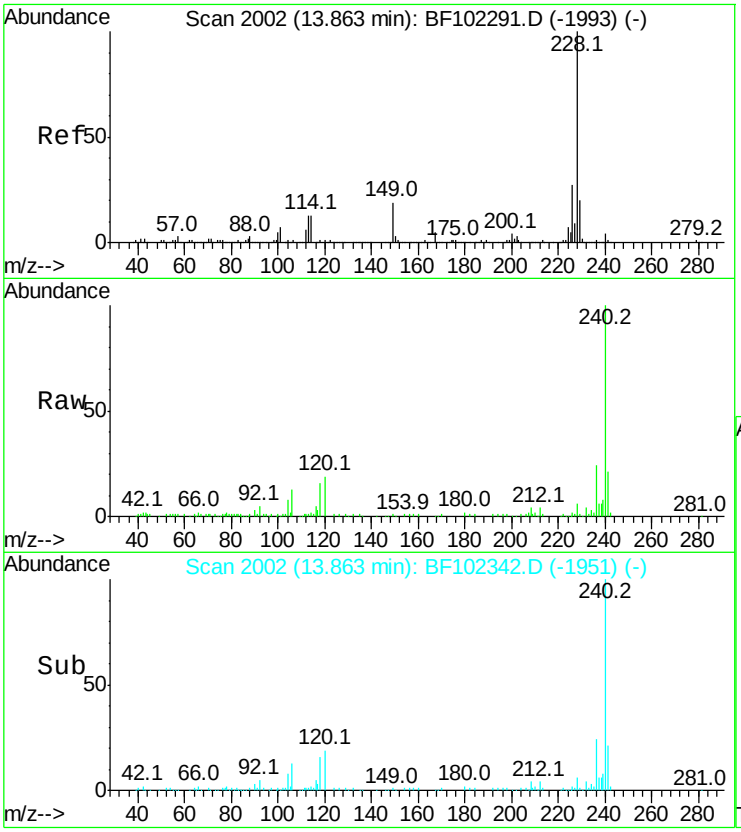


#79
Butylbenzylphthalate
Concen: 0.070 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:149 Resp: 1088

Ion	Ratio	Lower	Upper
149	100		
91	75.3	56.8	85.2
206	0.0	14.1	21.1#



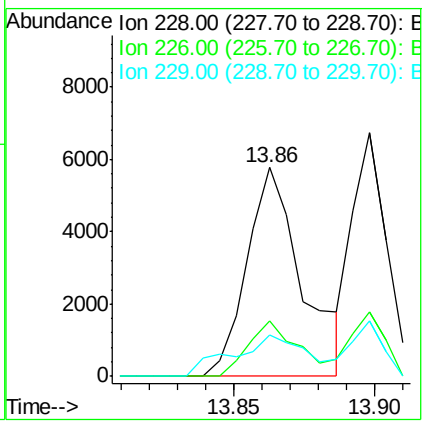


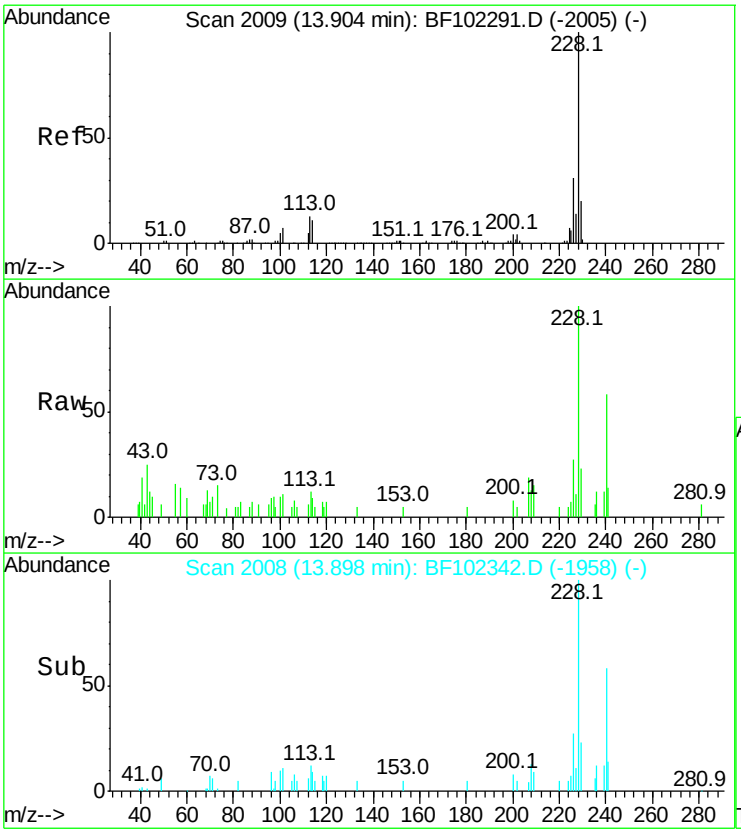
#80
Benzo(a)anthracene
Concen: 0.315 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 7796

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.6	15.8	23.6

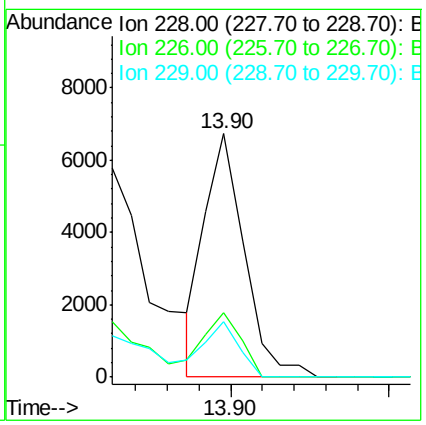


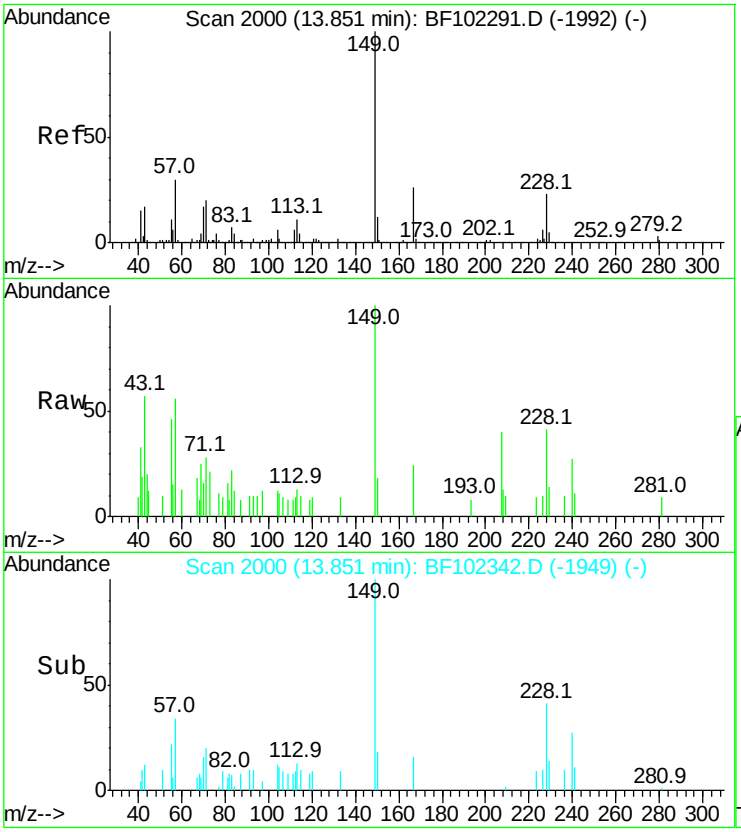


#82
Chrysene
Concen: 0.234 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:228 Resp: 5897

Ion	Ratio	Lower	Upper
228	100		
226	26.5	25.0	37.6
229	22.9	16.2	24.4



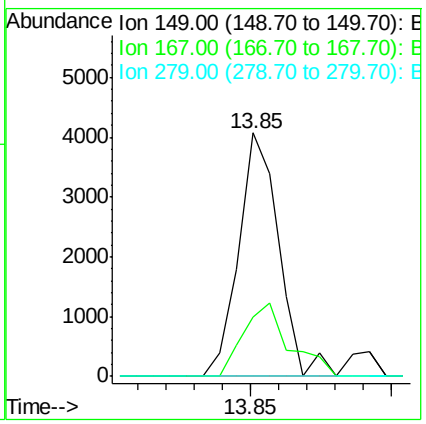


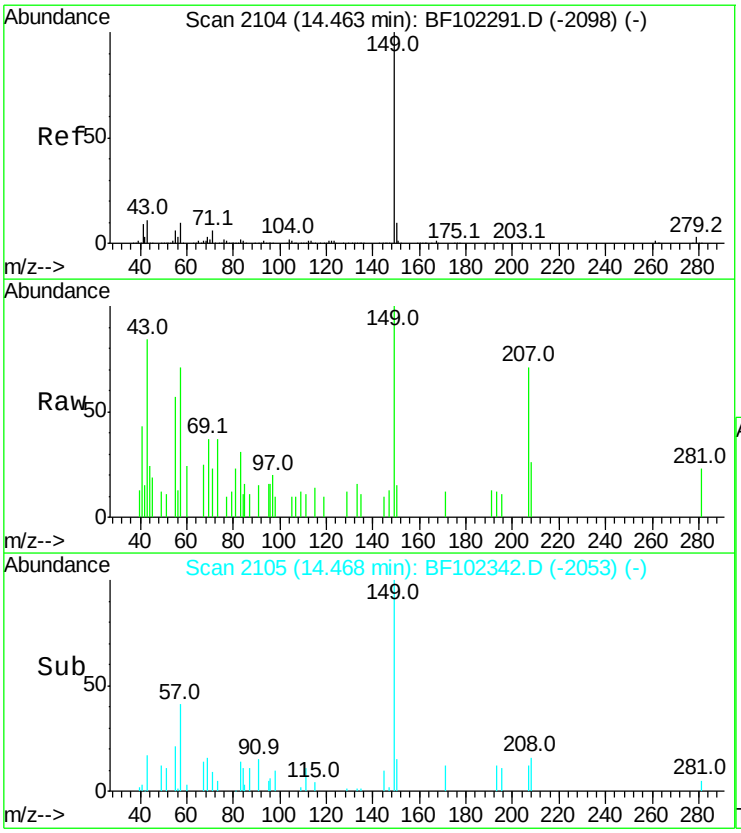
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.193 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 4010

Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.3	31.9
279	0.0	3.0	4.4#

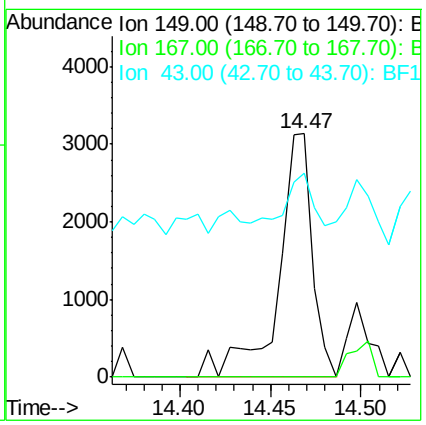


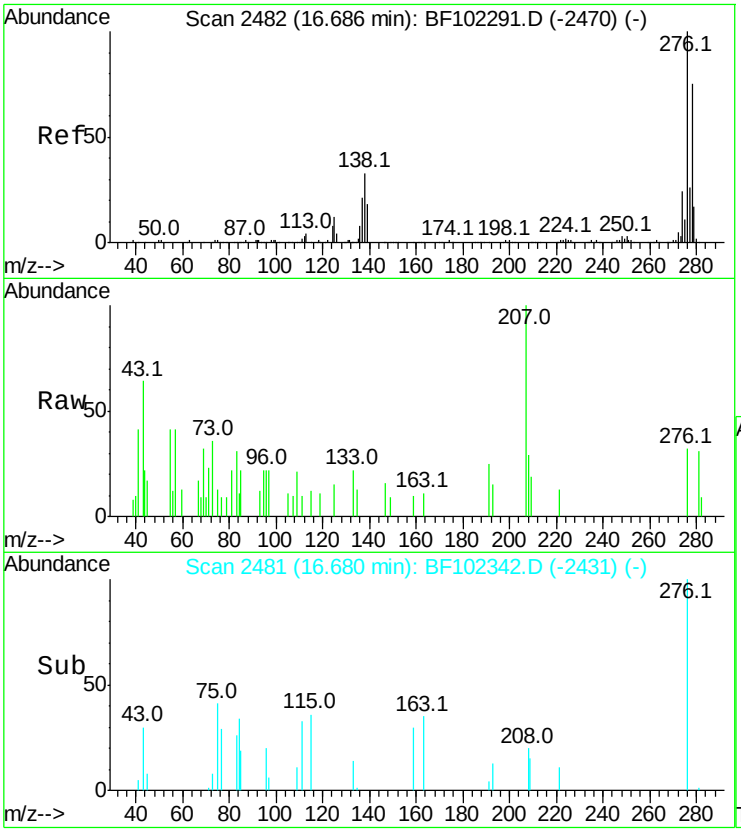


#84
Di-n-octyl phthalate
Concen: 0.122 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:149 Resp: 4114

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	17.5	8.4	12.6#



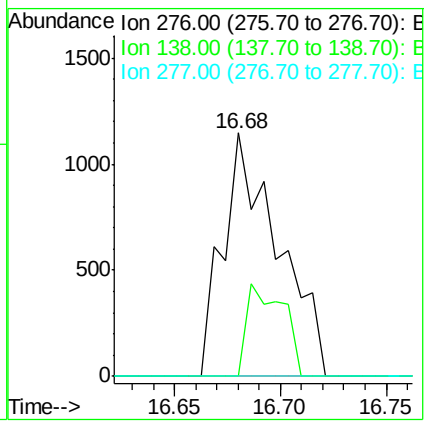


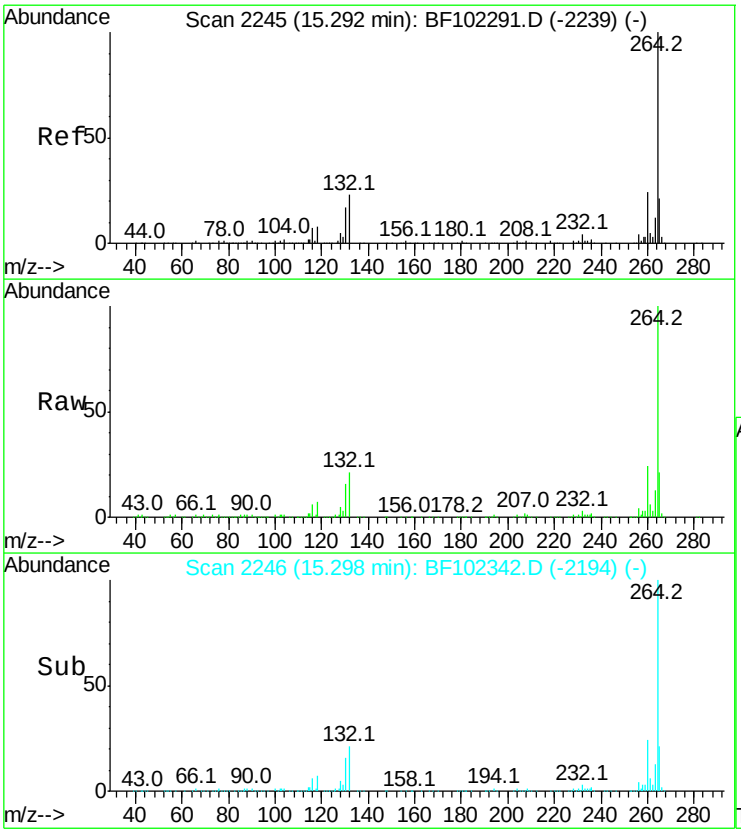
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 2091

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.0	37.6#
277	0.0	20.1	30.1#

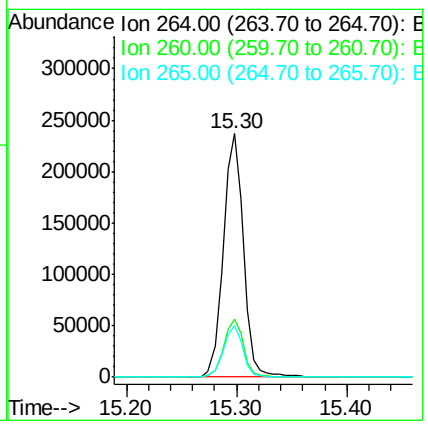


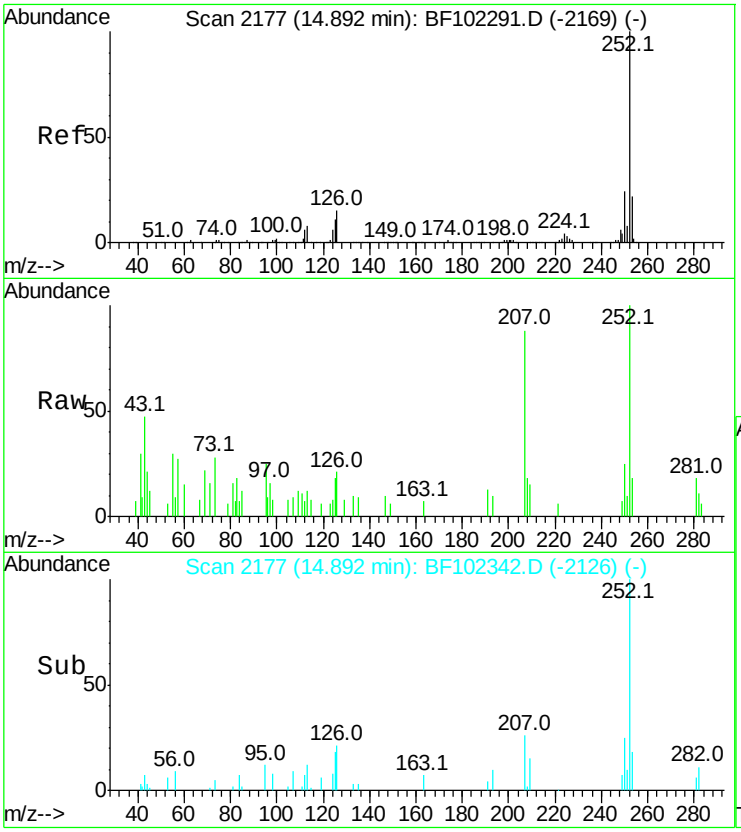


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:264 Resp: 301346

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3



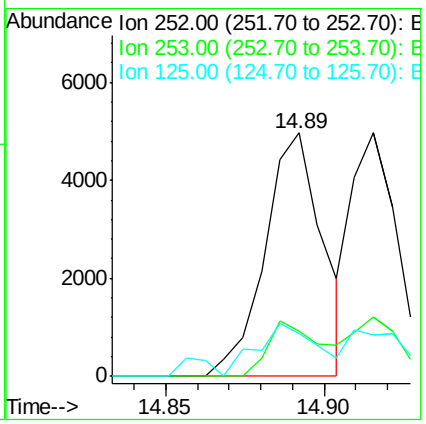


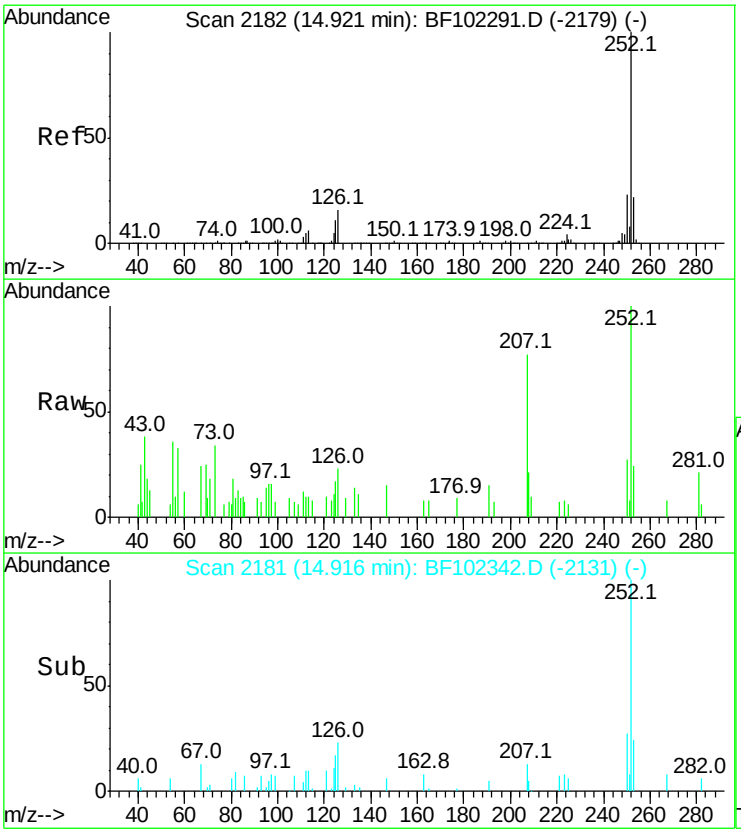
#87
Benzo(b)fluoranthene
Concen: 0.321 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 6263

Ion	Ratio	Lower	Upper
252	100		
253	18.5	17.0	25.6
125	17.6	9.0	13.6#

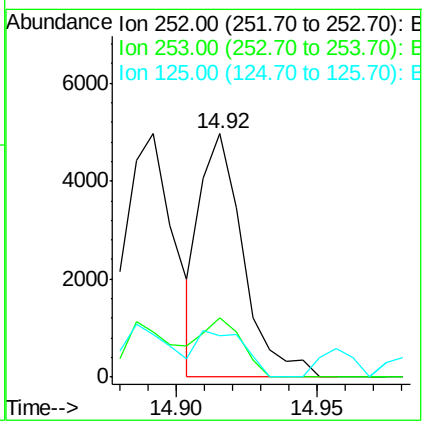


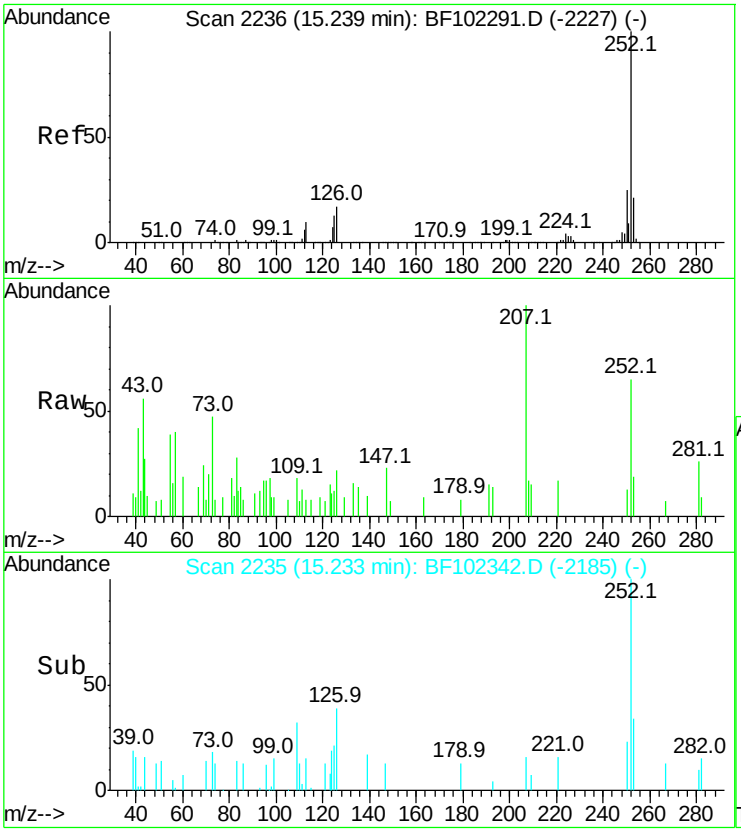


#88
Benzo(k)fluoranthene
Concen: 0.286 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:252 Resp: 5283

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	16.9	10.2	15.2#



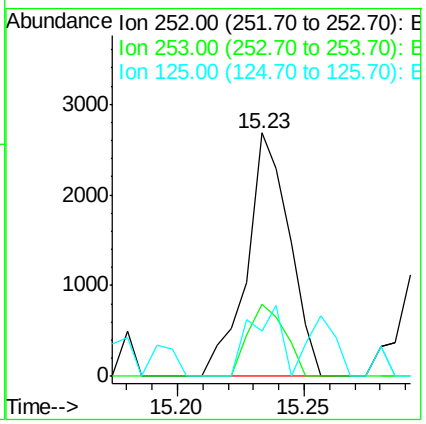


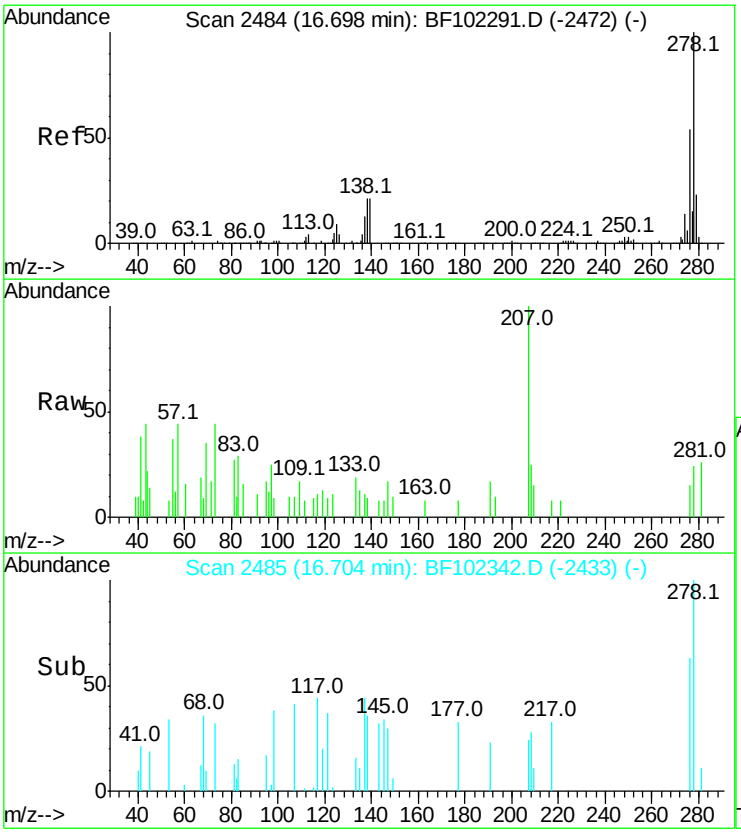
#89
Benzo(a)pyrene
Concen: 0.179 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 3147

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.1	25.7#
125	18.7	9.8	14.6#

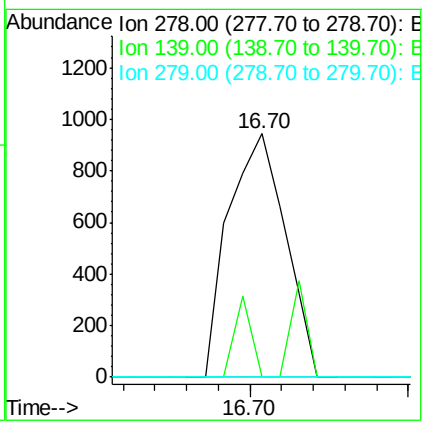


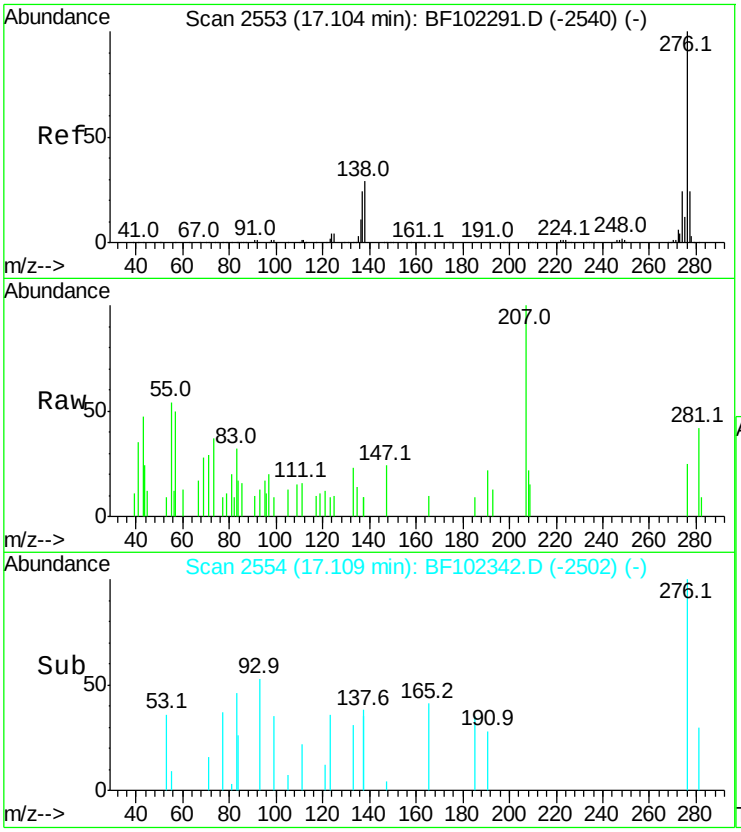


#90
Dibenzo(a,h)anthracene
Concen: 0.082 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Tgt Ion:278 Resp: 1169

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	0.0	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.108 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF102342.D
Acq: 23 Jan 2018 13:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1524

Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#