Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112725.D
Acq On : 27 Feb 2019 18:03
Operator : JU/SJ
Sample : K1627-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-(2-5)

Quant Time: Feb 28 02:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	211767	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	786226	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	339691	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	579158	20.00	ng		0.00
76) Chrysene-d12	13.86	240	519419	20.00	ng		-0.01
87) Perylene-d12	15.27	264	545242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1248979	91.74	ng		0.00
7) Phenol-d6	6.37	99	1580561	92.42	ng		0.00
23) Nitrobenzene-d5	7.30	82	921907	70.16	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	322643	89.47	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1518451	75.19	ng		0.00
79) Terphenyl-d14	12.83	244	1307765	48.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	377	0.055	ng	#	1
4) n-Nitrosodimethylamine	3.05	42	250	0.031	ng	#	1
6) Aniline	6.41	93	143	0.006	ng	#	42
8) 2-Chlorophenol	6.52	128	421	0.028	ng	#	1
9) Benzaldehyde	6.37	77	2881	0.234	ng	#	1
10) Phenol	6.38	94	32486	1.628	ng		89
11) bis(2-Chloroethyl)ether	6.51	93	2087	0.136	ng	#	1
12) 1,3-Dichlorobenzene	6.90	146	117	0.007	ng	#	1
13) 1,4-Dichlorobenzene	6.90	146	117	0.007	ng	#	1
14) 1,2-Dichlorobenzene	6.90	146	117	0.008	ng	#	1
15) Benzyl Alcohol	6.90	79	16819	1.290	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	6.81	45	345	0.013	ng		71
17) 2-Methylphenol	6.90	107	266	0.022	ng	#	1
18) Hexachloroethane	7.32	117	226	0.038	ng	#	4
19) n-Nitroso-di-n-propylamine	7.30	70	122965	11.353	ng	#	77
20) 3+4-Methylphenols	7.14	107	134	0.010	ng	#	1
22) Acetophenone	7.14	105	2023	0.110	ng	#	92
24) Nitrobenzene	7.29	77	3244	0.222	ng	#	33
25) Isophorone	7.30	82	921739	32.563	ng	#	66
27) 2,4-Dimethylphenol	7.69	122	430	0.038	ng	#	4
28) bis(2-Chloroethoxy)methane	7.92	93	115	0.006	ng	#	1
31) Naphthalene	8.04	128	7985	0.205	ng	#	95
32) Benzoic acid	7.69	122	430	0.054	ng	#	67
33) 4-Chloroaniline	8.04	127	1033	0.062	ng	#	56
36) 4-Chloro-3-methylphenol	8.44	107	288	0.024	ng	#	20
37) 2-Methylnaphthalene	8.73	142	3522	0.140	ng		94
38) 1-Methylnaphthalene	8.83	142	2828	0.116	ng	#	96
46) 1,1'-Biphenyl	9.19	154	3854	0.139	ng		93
47) 2-Chloronaphthalene	9.49	162	786	0.036	ng	#	1
48) 2-Nitroaniline	9.39	65	130	0.020	ng	#	4
49) Acenaphthylene	9.63	152	9073	0.247	ng		99
50) Dimethylphthalate	9.49	163	117156	4.677	ng		98
51) 2,6-Dinitrotoluene	9.76	165	43604	8.360	ng	#	18
52) Acenaphthene	9.80	154	2360	0.110	ng		91

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Acq On : 27 Feb 2019 18:03
Operator : JU/SJ
Sample : K1627-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-(2-5)

Quant Time: Feb 28 02:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibenzofuran	9.97	168	3266	0.105	ng		96
56) 4-Nitrophenol	9.97	139	1084	0.210	ng	#	6
57) 2,4-Dinitrotoluene	9.76	165	43604	6.725	ng	#	18
58) Fluorene	10.31	166	4451	0.201	ng		92
60) Diethylphthalate	10.19	149	1654	0.063	ng	#	94
63) Azobenzene	10.48	77	982	0.036	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.55	198	695	4.877	ng	#	1
66) n-Nitrosodiphenylamine	10.42	169	666	0.036	ng	#	55
67) 4-Bromophenyl-phenylether	10.55	248	18457	3.026	ng	#	1
71) Phenanthrene	11.26	178	55918	1.941	ng		96
72) Anthracene	11.32	178	12551	0.416	ng		97
73) Carbazole	11.46	167	7212	0.245	ng		96
74) Di-n-butylphthalate	11.82	149	11273	0.320	ng	#	95
75) Fluoranthene	12.45	202	91984	2.979	ng		98
77) Benzidine	12.83	184	17150	0.636	ng		96
78) Pyrene	12.67	202	90241	2.061	ng		97
80) Butylbenzylphthalate	13.30	149	945	0.049	ng	#	49
81) Benzo(a)anthracene	13.86	228	48617	1.350	ng		95
82) 3,3'-Dichlorobenzidine	13.82	252	259	0.019	ng	#	1
83) Chrysene	13.89	228	45124	1.280	ng		96
84) Bis(2-ethylhexyl)phthalate	13.87	149	8175	0.361	ng	#	91
85) Di-n-octyl phthalate	14.48	149	1950	0.050	ng	#	4
86) Indeno(1,2,3-cd)pyrene	16.61	276	28866	0.960	ng		94
88) Benzo(b)fluoranthene	14.87	252	80601	2.285	ng		95
89) Benzo(k)fluoranthene	14.87	252	80601	2.523	ng	#	95
90) Benzo(a)pyrene	15.21	252	48332	1.549	ng		97
91) Dibenzo(a,h)anthracene	16.62	278	7534	0.283	ng	#	79
92) Benzo(g,h,i)perylene	17.02	276	30445	1.139	ng	#	90

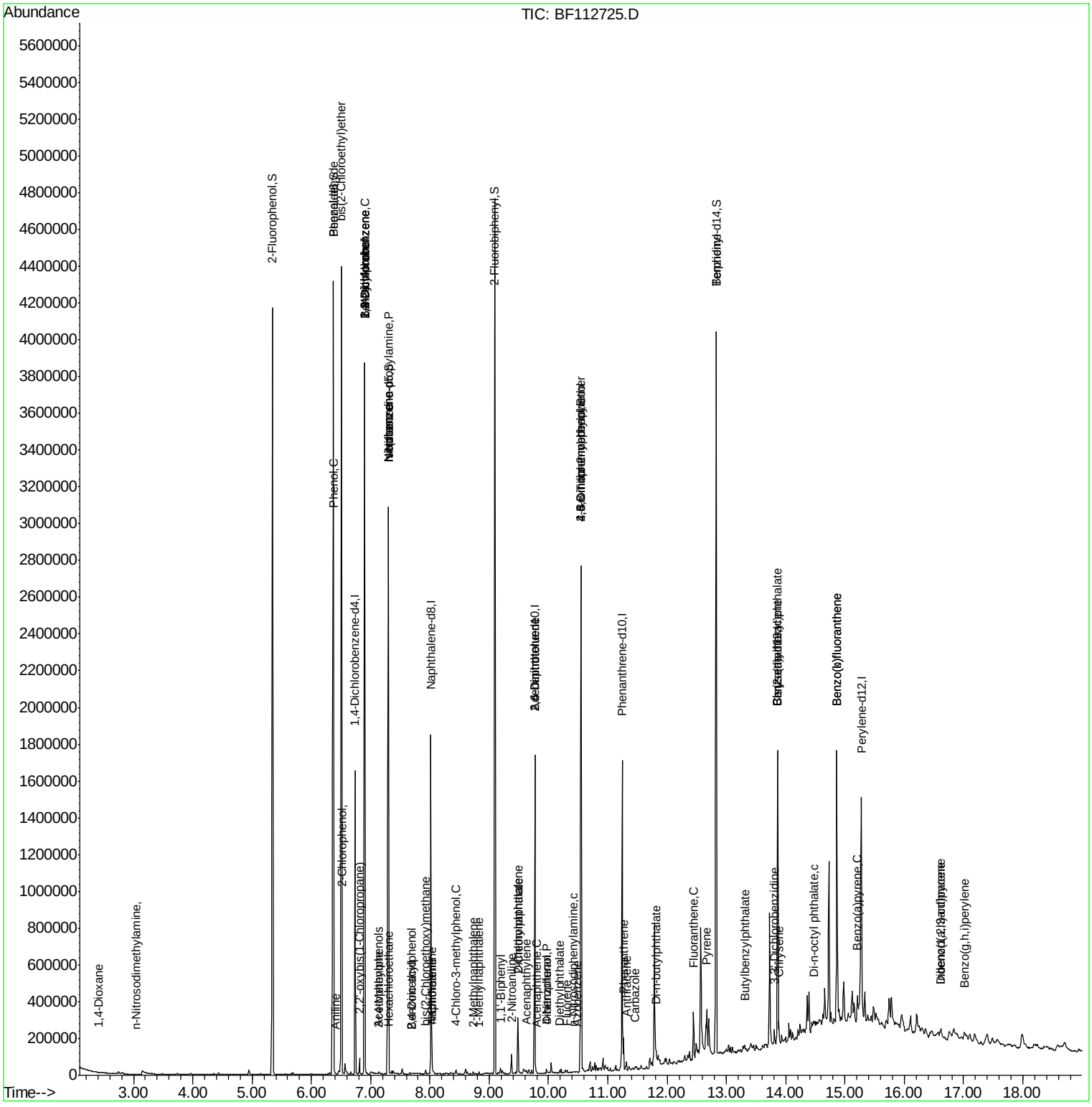
(#) = qualifier out of range (m) = manual integration (+) = signals summed

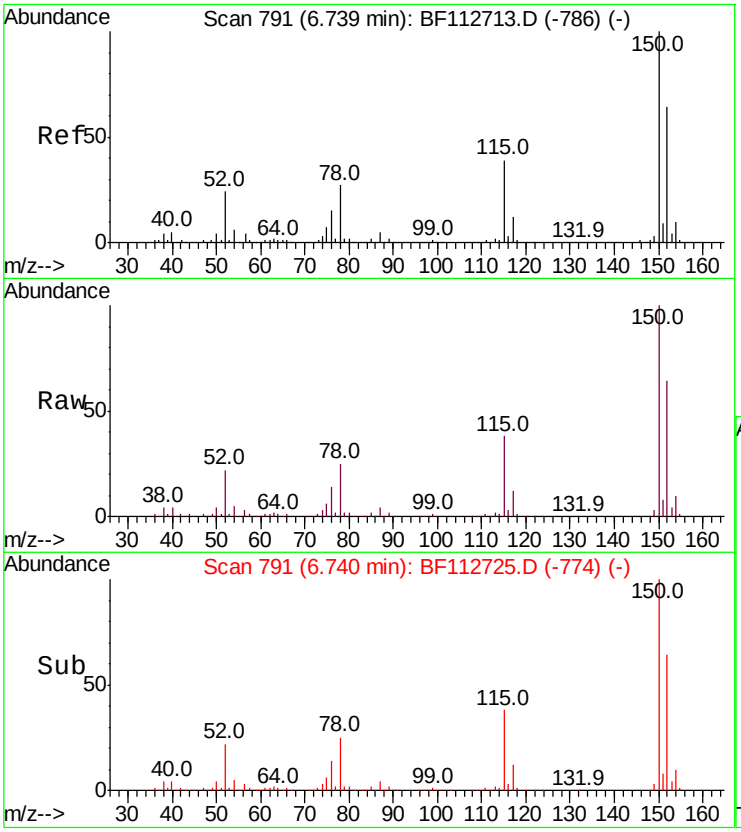
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112725.D
Acq On : 27 Feb 2019 18:03
Operator : JU/SJ
Sample : K1627-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Quant Time: Feb 28 02:00:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration



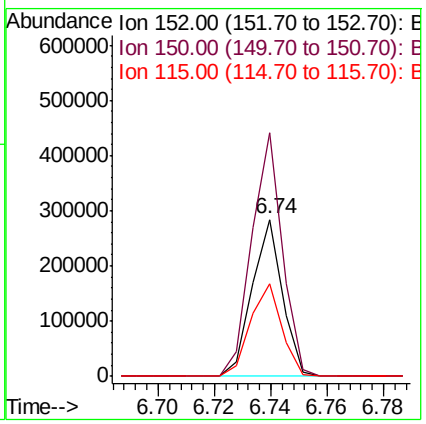


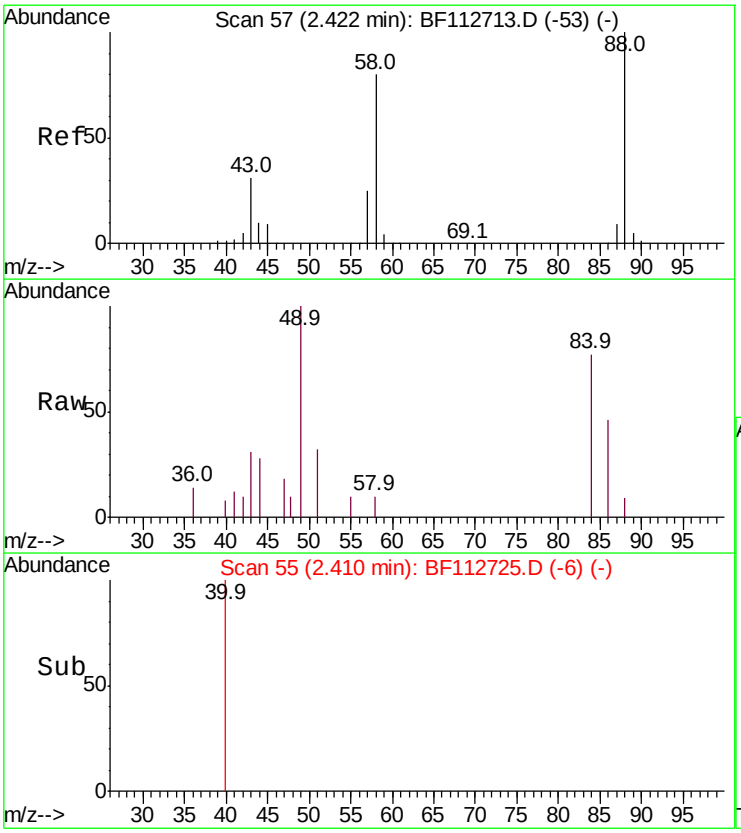
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:152 Resp: 211767

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	59.3	48.2	72.4

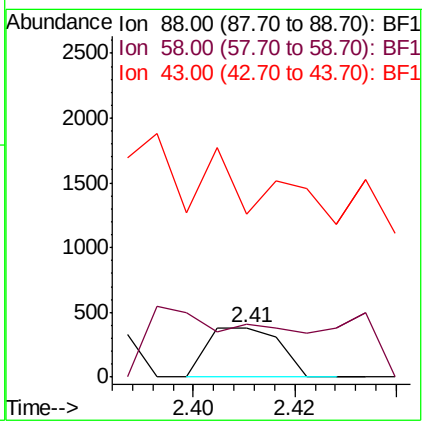


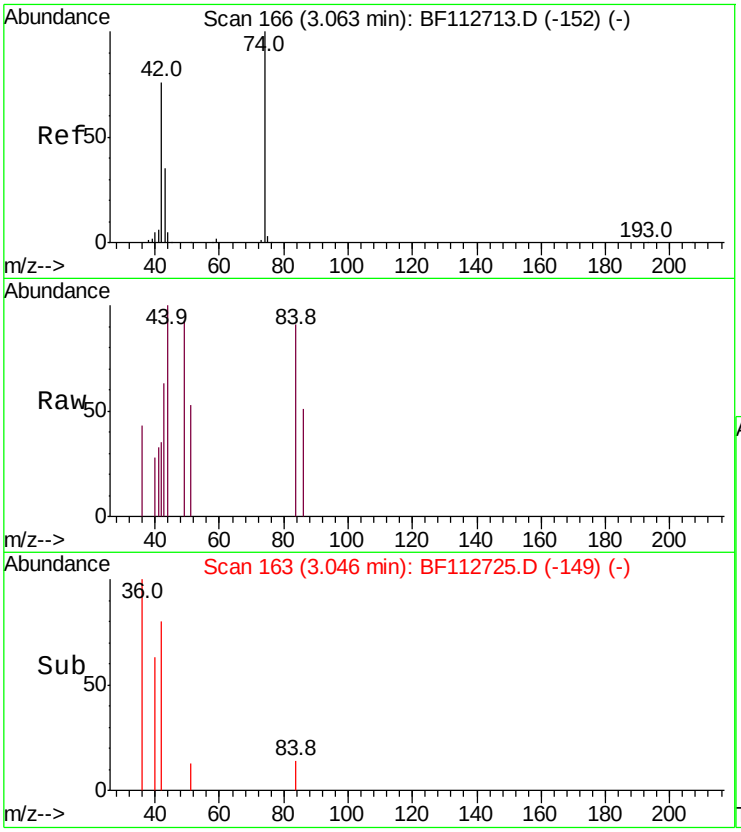


#2
1,4-Dioxane
Concen: 0.055 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
58	236.1	63.1	94.7#
43	285.9	24.3	36.5#



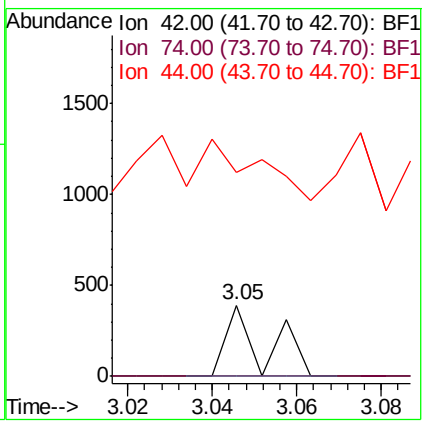


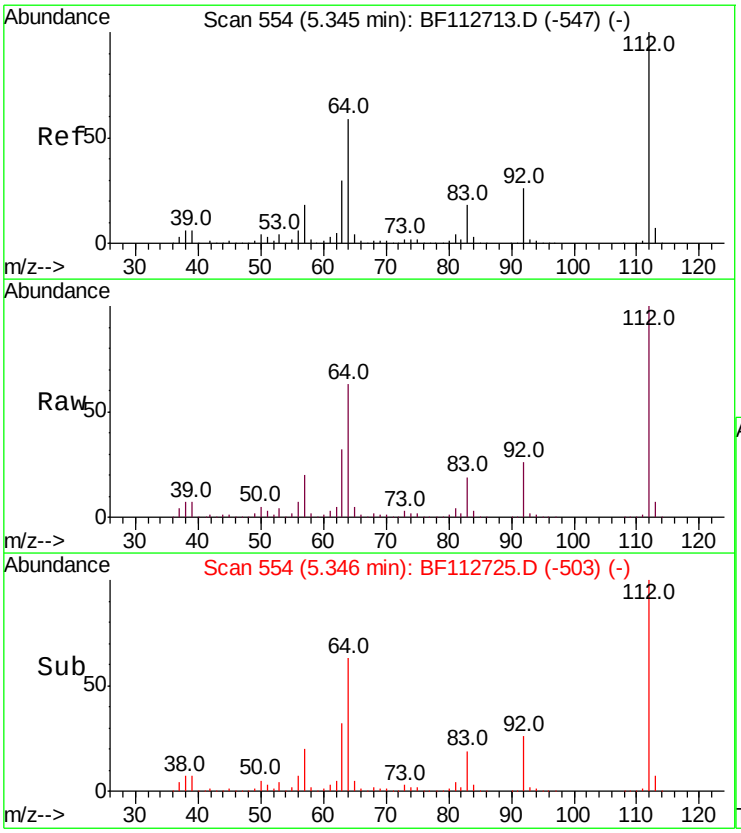
#4
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.05 min Scan# 163
Delta R.T. -0.02 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion: 42 Resp: 250

Ion	Ratio	Lower	Upper
42	100		
74	0.0	105.8	158.8#
44	286.5	6.2	9.2#

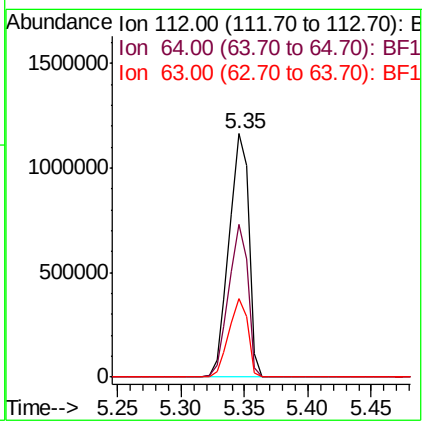


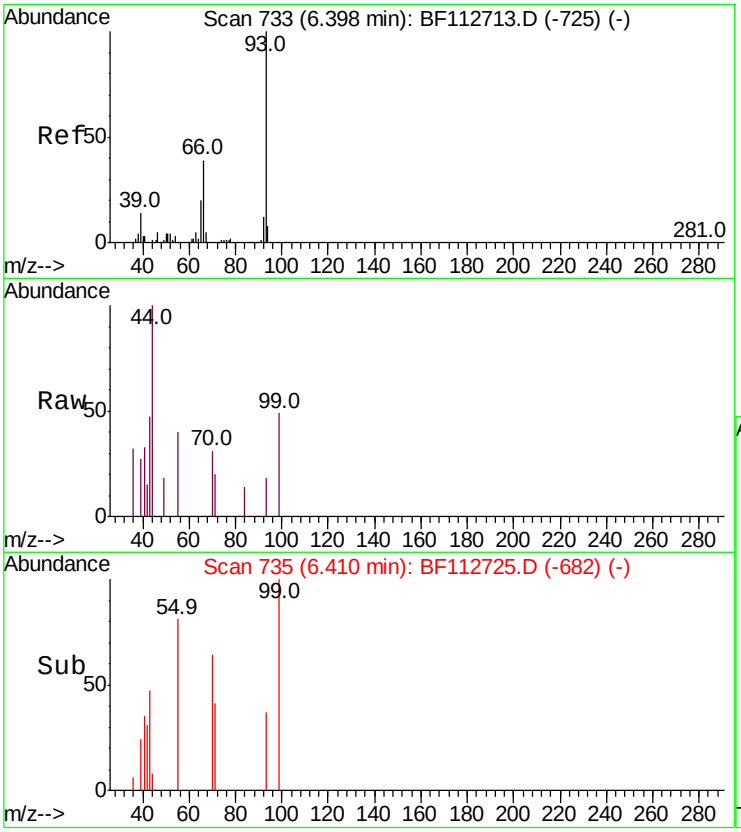


#5
2-Fluorophenol
Concen: 91.744 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:112 Resp: 1248979

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.6	71.4
63	32.4	24.4	36.6



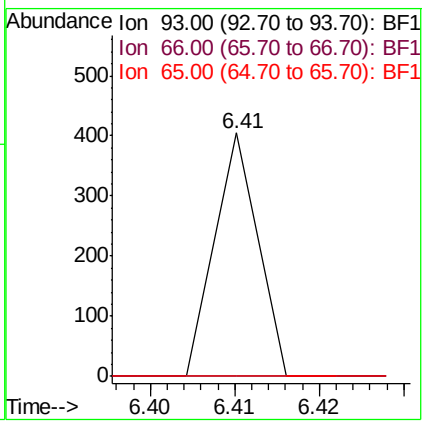


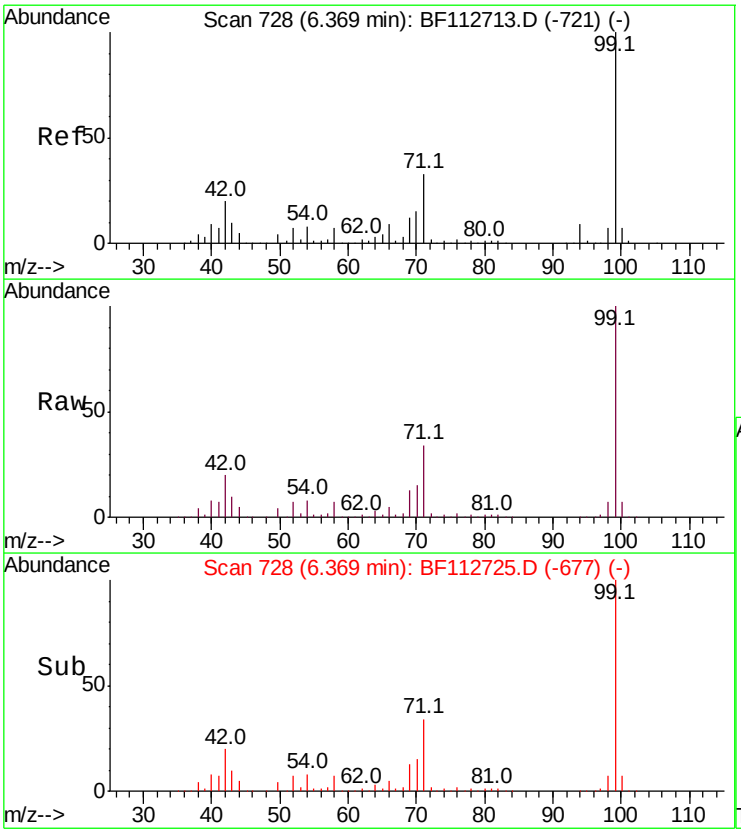
#6
Aniline
Concen: 0.006 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion: 93 Resp: 143

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.2	48.2#
65	0.0	16.2	24.4#

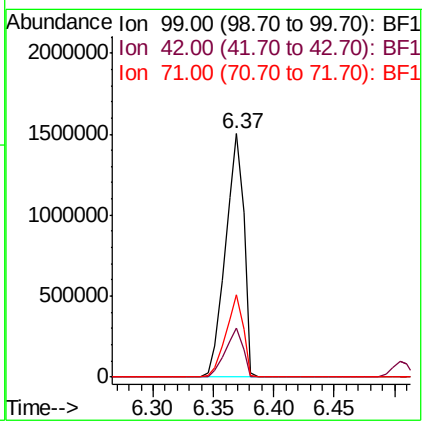


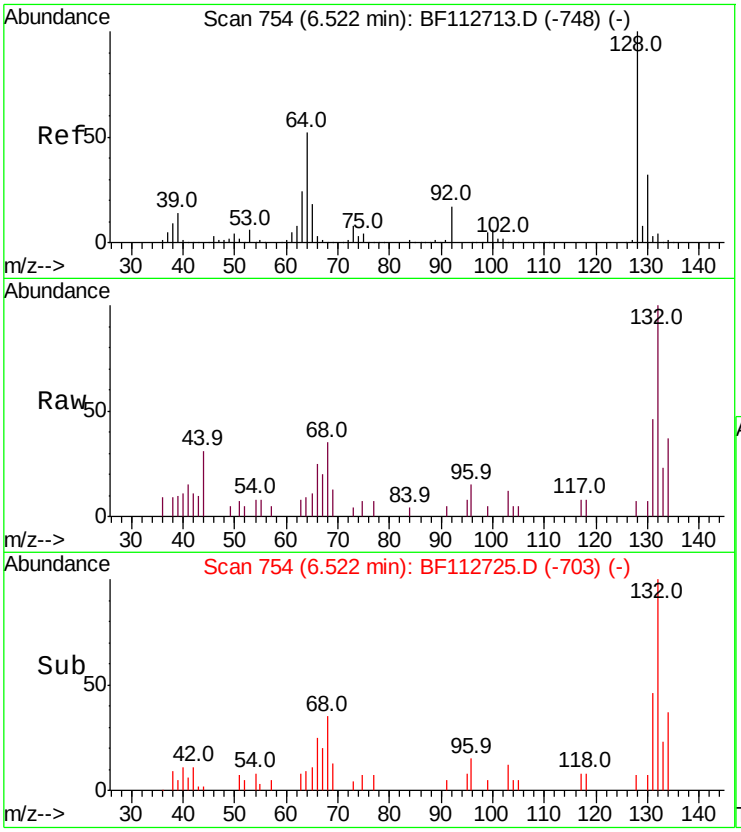


#7
Phenol-d6
Concen: 92.425 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 99 Resp: 1580561

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	33.6	26.2	39.4



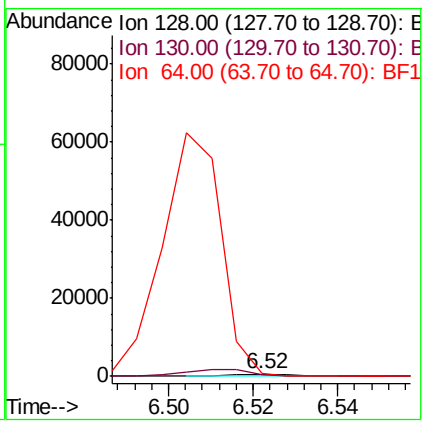


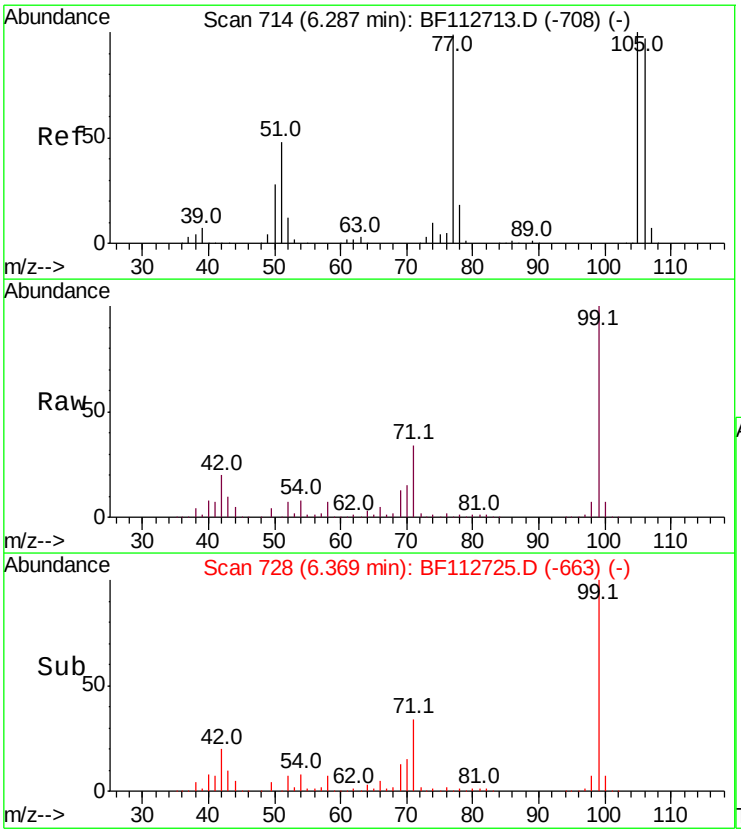
#8
2-Chlorophenol
Concen: 0.028 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:128 Resp: 421

Ion	Ratio	Lower	Upper
128	100		
130	102.9	12.4	52.4#
64	132.3	32.2	72.2#

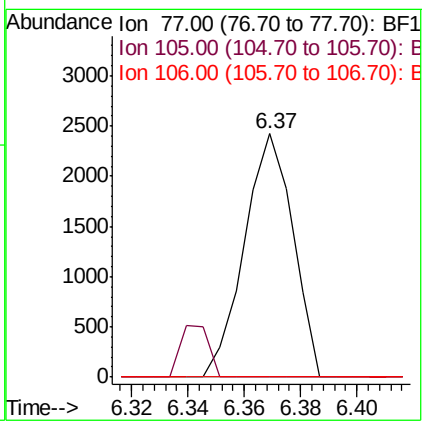


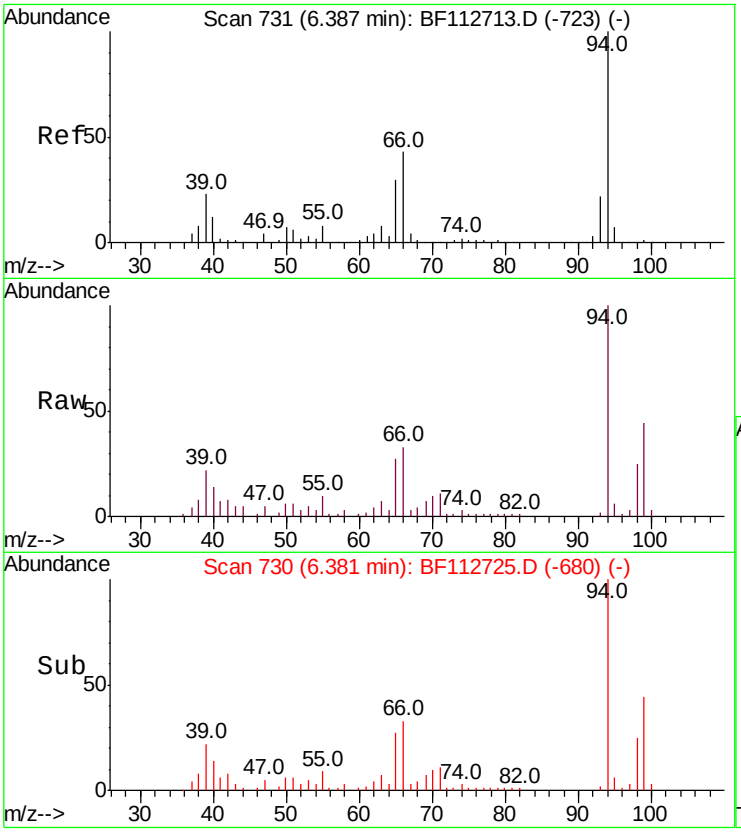


#9
Benzaldehyde
Concen: 0.234 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.08 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 77 Resp: 2881

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	78.3	118.3#



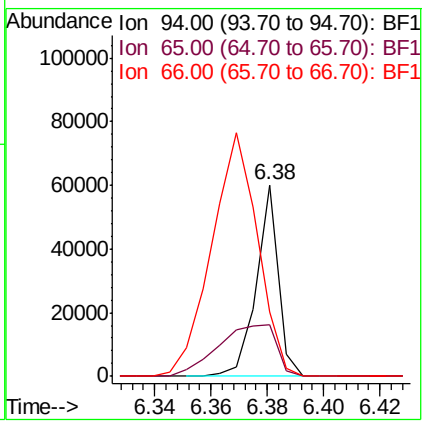


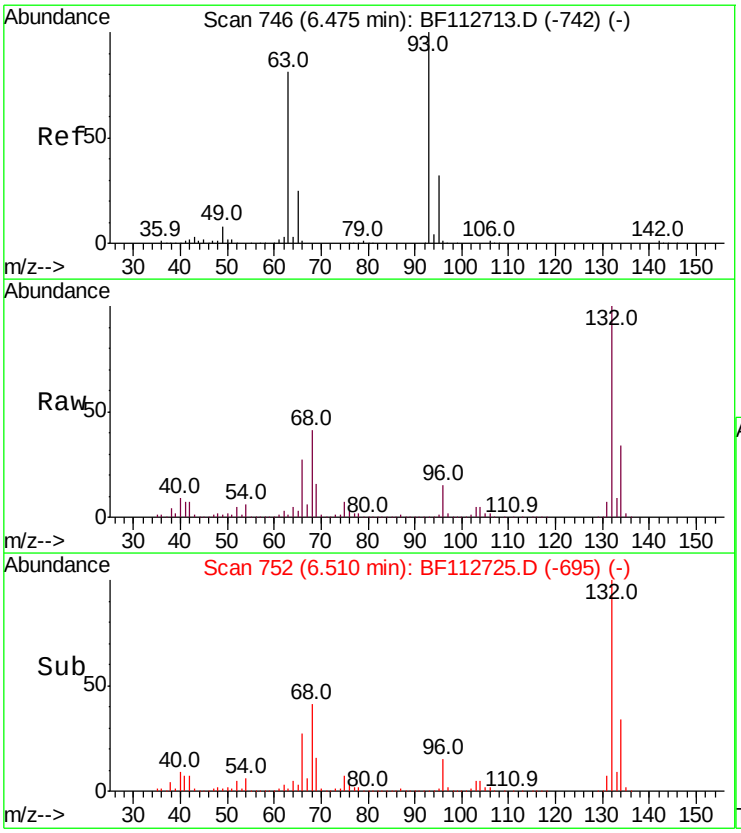
#10
Phenol
Concen: 1.628 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion: 94 Resp: 32486

Ion	Ratio	Lower	Upper
94	100		
65	27.0	10.5	50.5
66	33.5	22.6	62.6

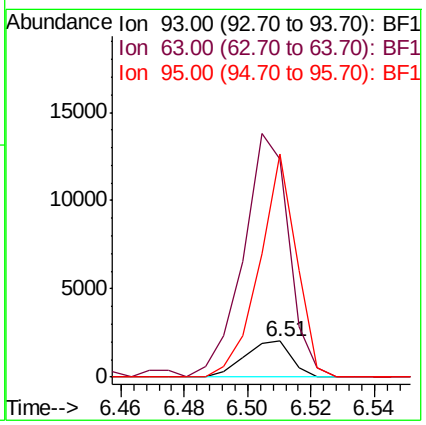


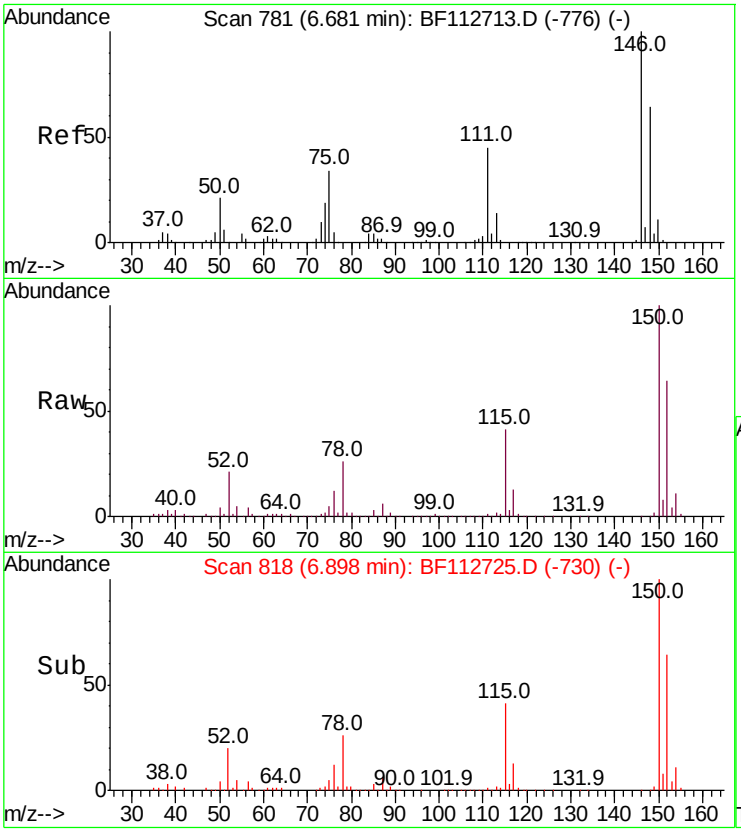


#11
bis(2-Chloroethyl)ether
Concen: 0.136 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.04 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 93 Resp: 2087

Ion	Ratio	Lower	Upper
93	100		
63	603.0	60.5	100.5#
95	618.4	12.1	52.1#



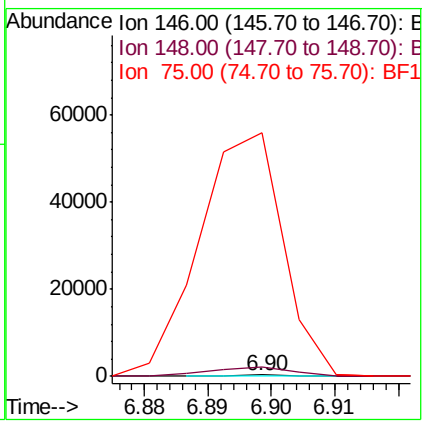


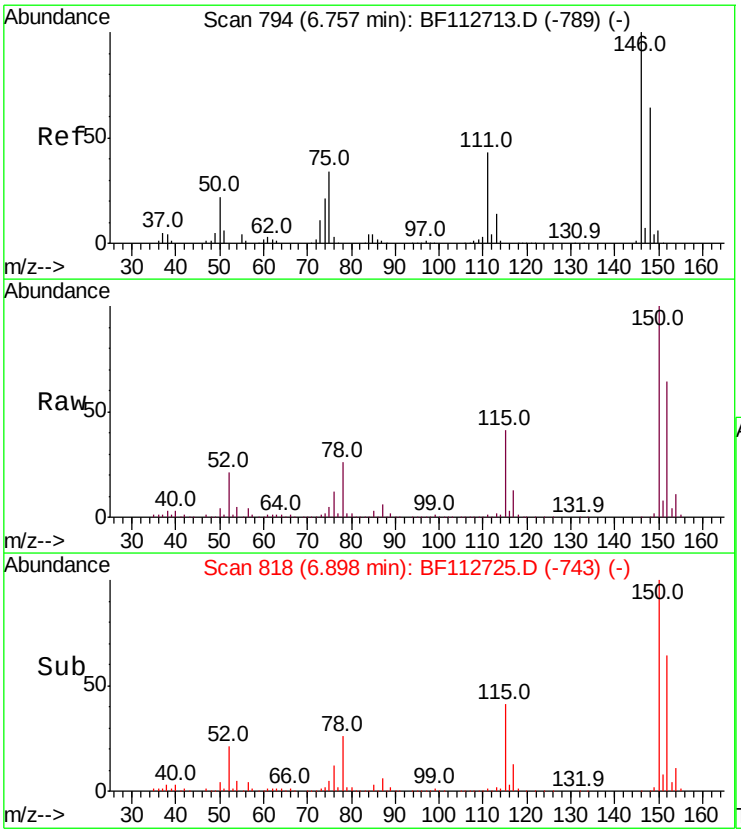
#12
1,3-Dichlorobenzene
Concen: 0.007 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.22 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:146 Resp: 117

Ion	Ratio	Lower	Upper
146	100		
148	654.4	50.9	76.3#
75	16792.8	26.9	40.3#

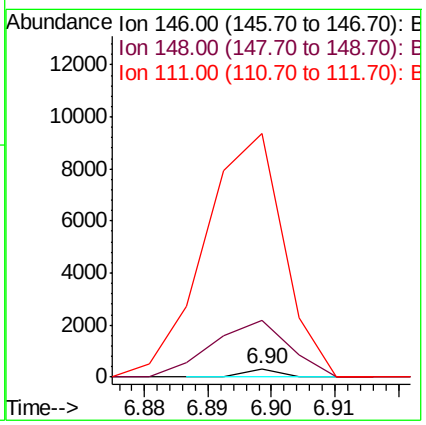


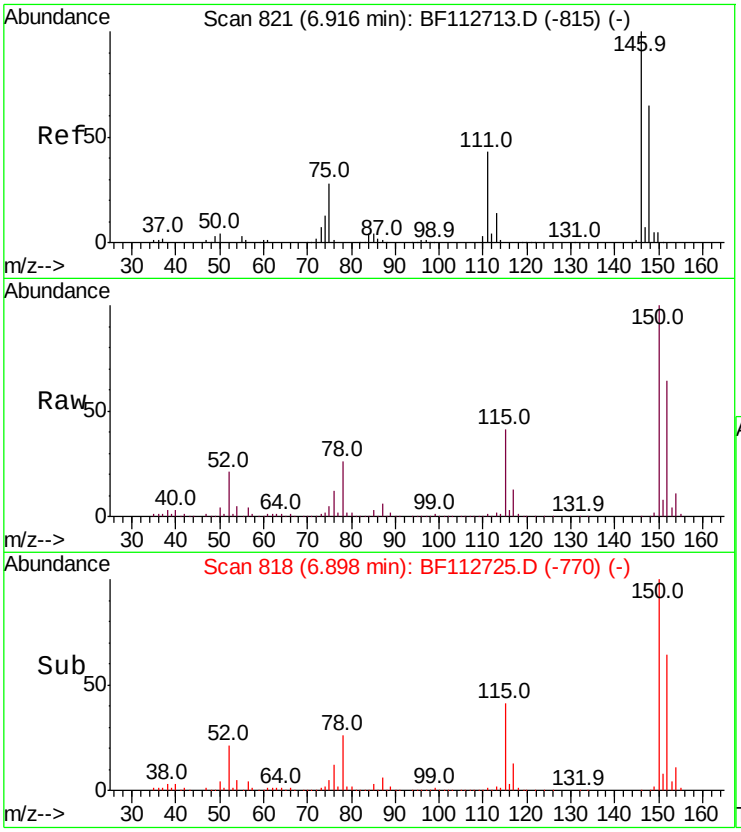


#13
1,4-Dichlorobenzene
Concen: 0.007 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.14 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:146 Resp: 117

Ion	Ratio	Lower	Upper
146	100		
148	654.4	51.0	76.4#
111	2809.9	34.5	51.7#



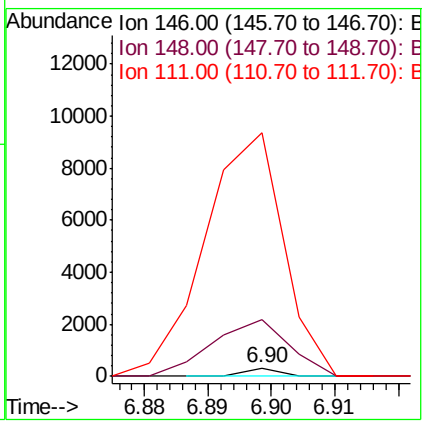


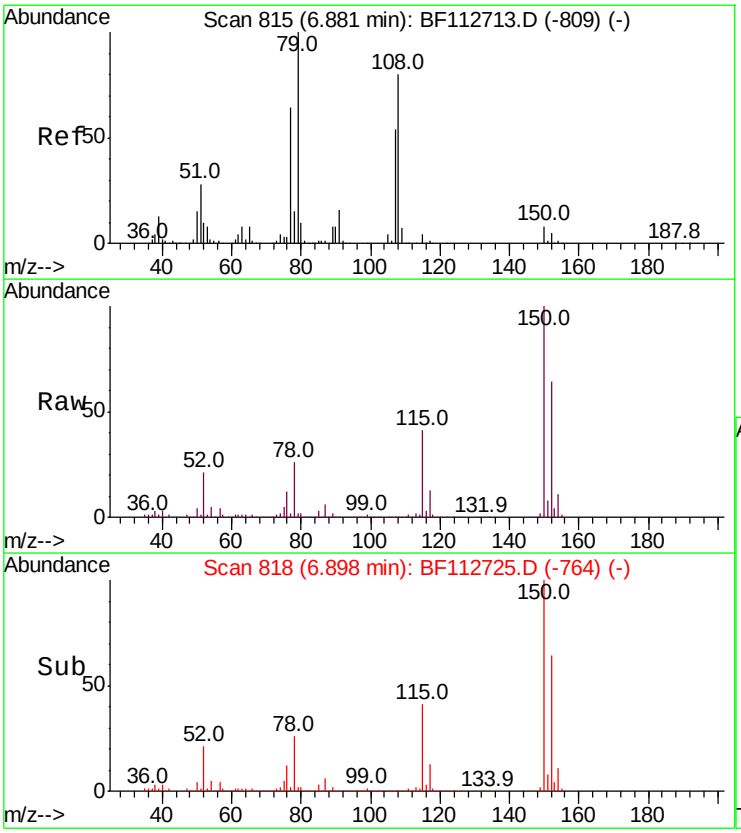
#14
1,2-Dichlorobenzene
Concen: 0.008 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:146 Resp: 117

Ion	Ratio	Lower	Upper
146	100		
148	654.4	52.0	78.0#
111	2809.9	34.8	52.2#

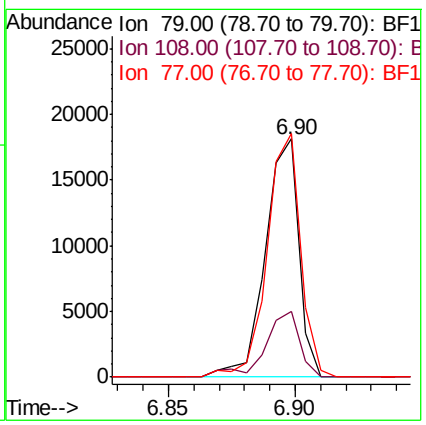


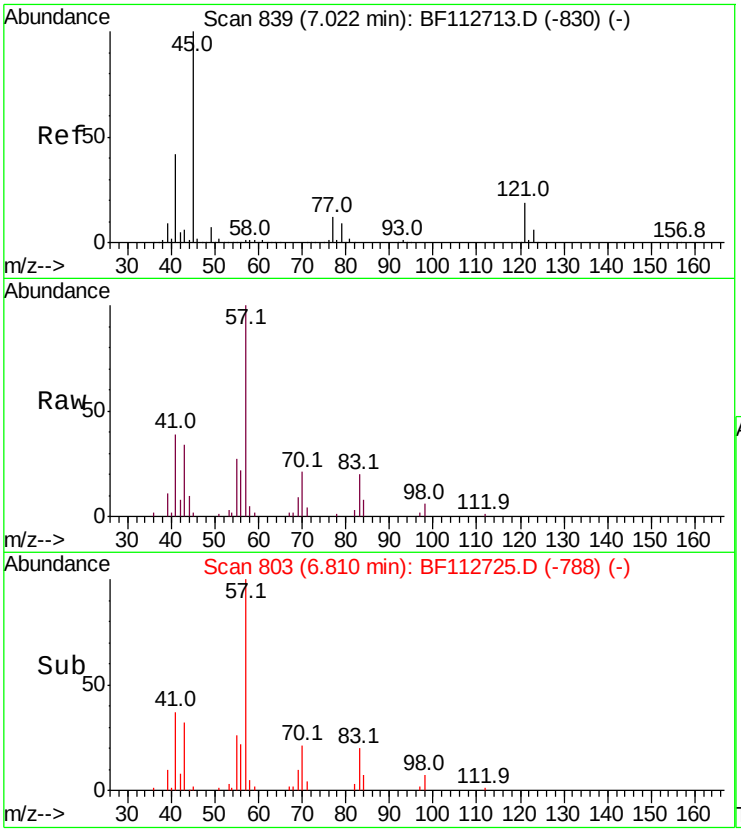


#15
Benzyl Alcohol
Concen: 1.290 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.02 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 79 Resp: 16819

Ion	Ratio	Lower	Upper
79	100		
108	27.5	64.2	96.4#
77	102.3	51.1	76.7#



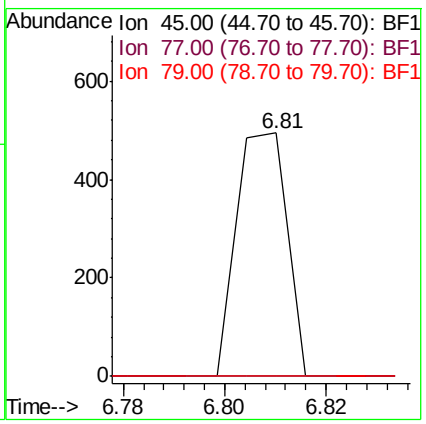


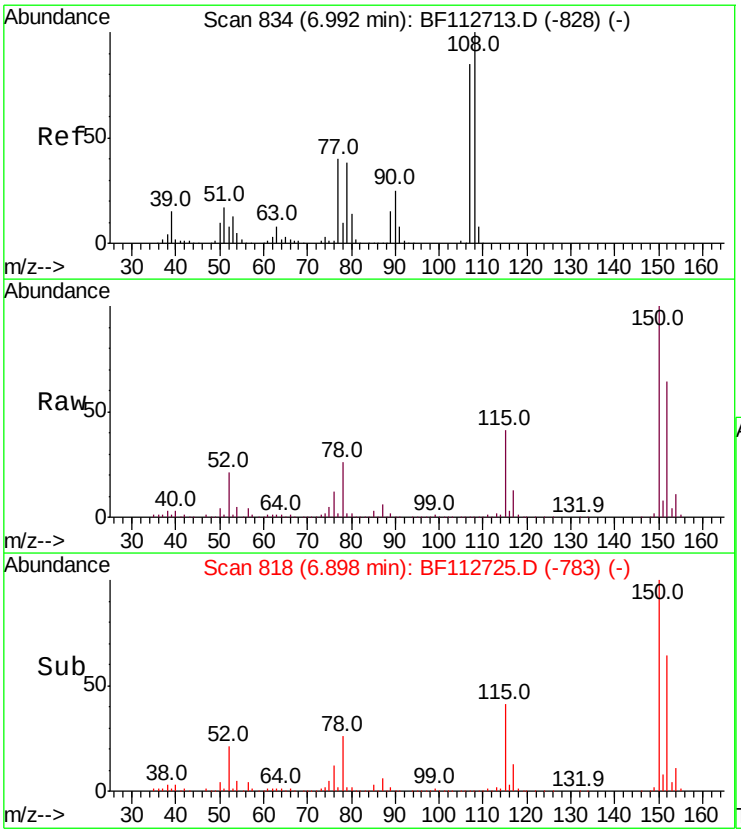
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.013 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.21 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion: 45 Resp: 345

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.1
79	0.0	0.0	29.4

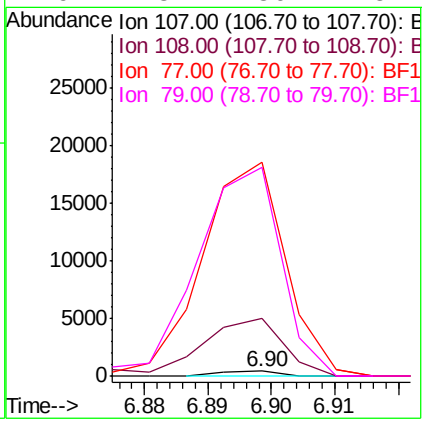


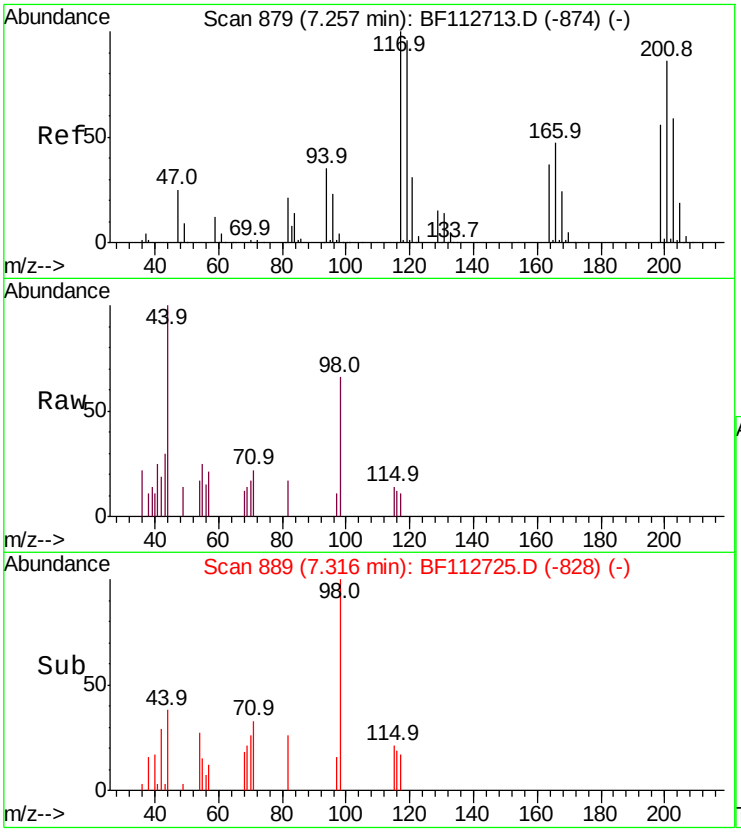


#17
2-Methylphenol
Concen: 0.022 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.09 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:107 Resp: 266

Ion	Ratio	Lower	Upper
107	100		
108	1219.9	94.6	142.0#
77	4545.1	37.8	56.8#
79	4443.1	36.2	54.2#



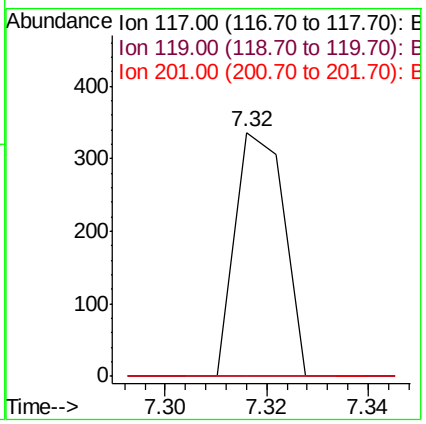


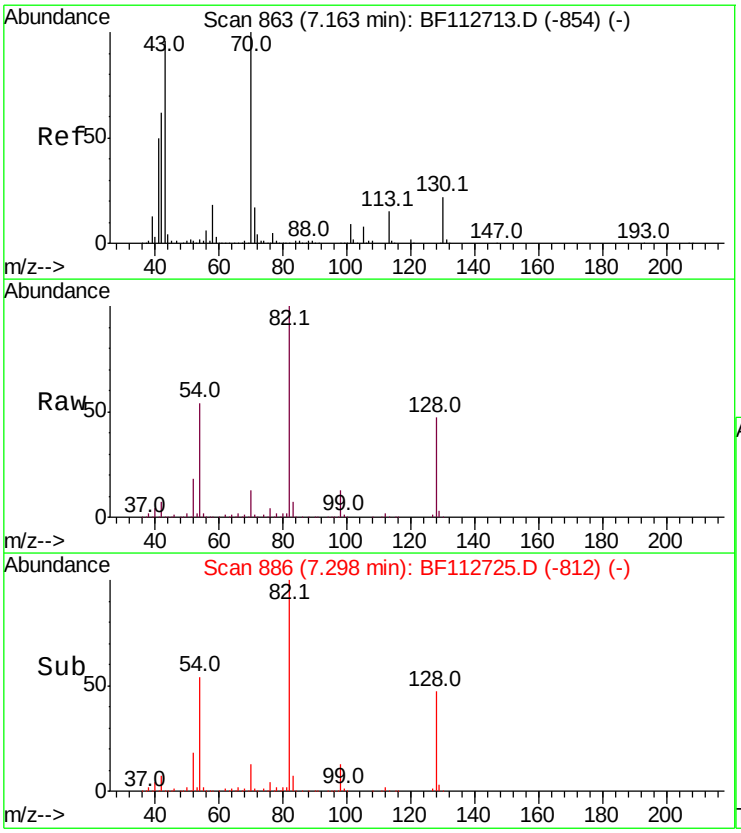
#18
Hexachloroethane
Concen: 0.038 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.06 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:117 Resp: 226

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
201	0.0	68.9	103.3#

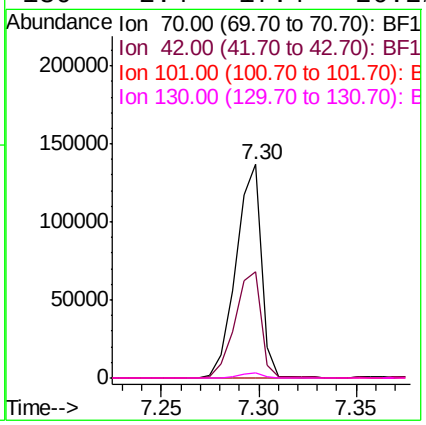


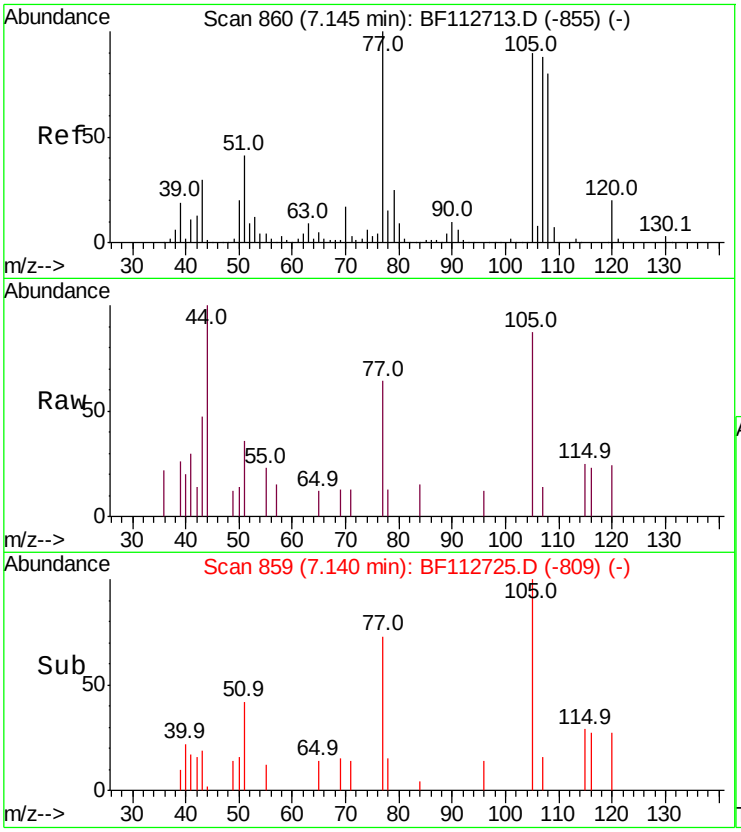


#19
n-Nitroso-di-n-propylamine
Concen: 11.353 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 70 Resp: 122965

Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.9	74.9#
101	0.0	7.4	11.2#
130	2.4	17.4	26.2#



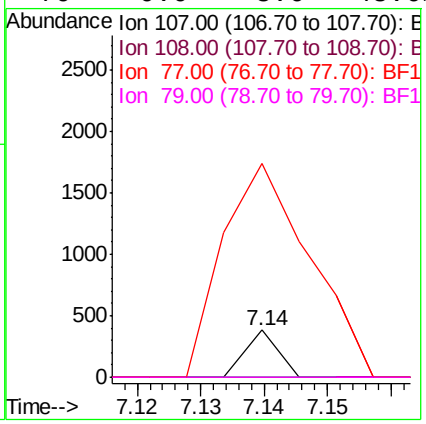


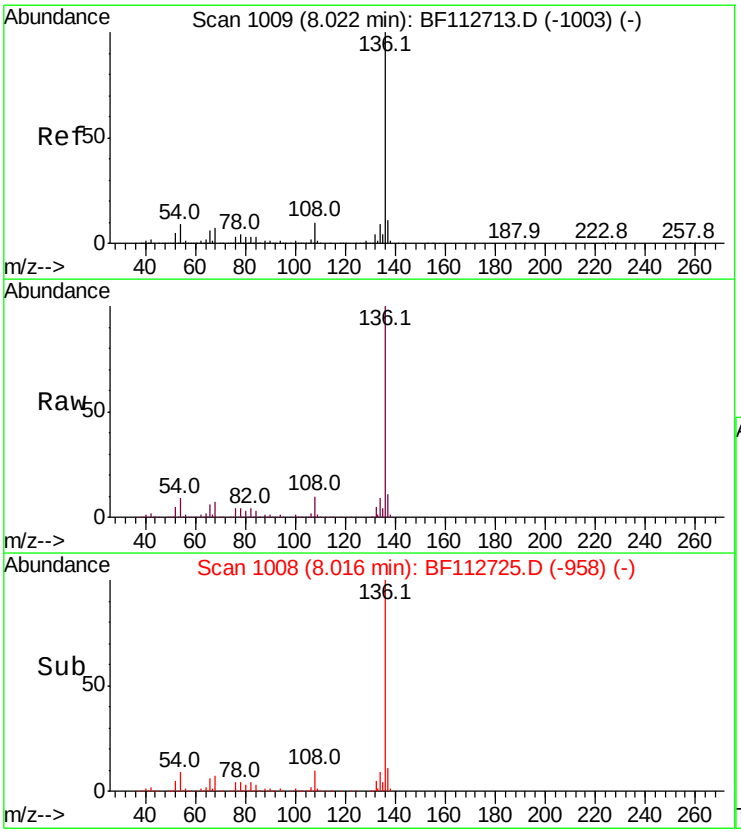
#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:107 Resp: 134

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	456.2	94.1	134.1#
79	0.0	8.6	48.6#

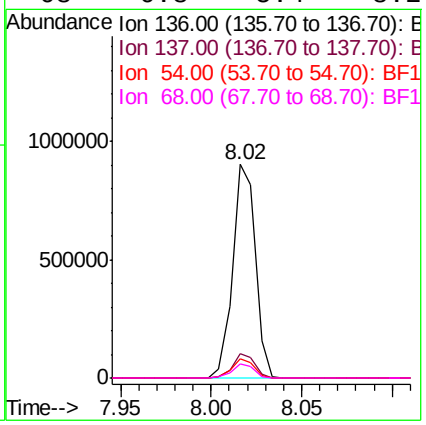


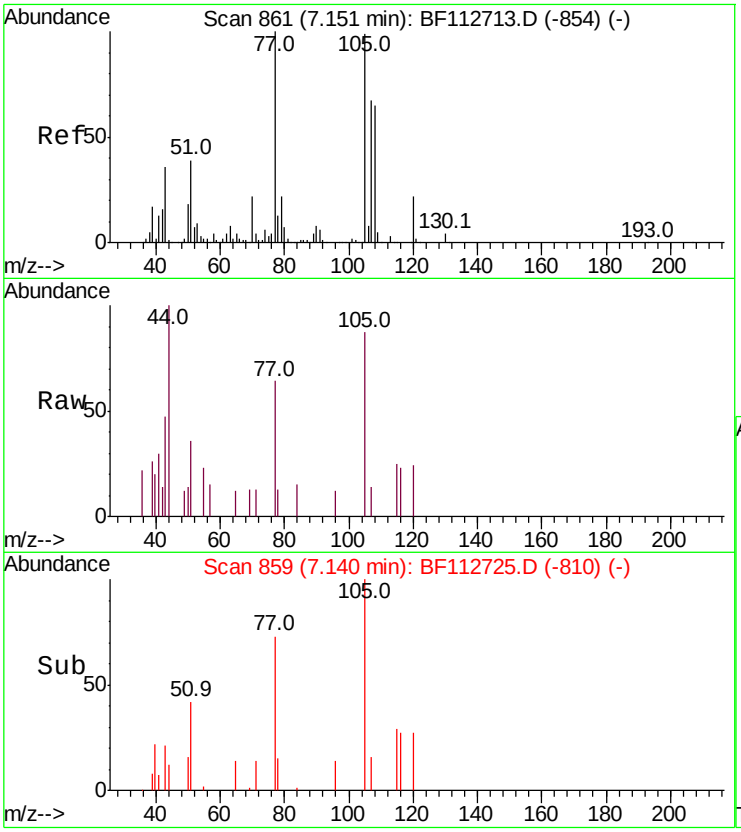


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:136 Resp: 786226

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.2	7.3	10.9
68	6.8	5.4	8.2



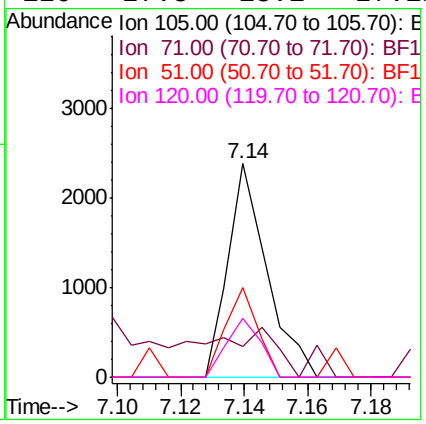


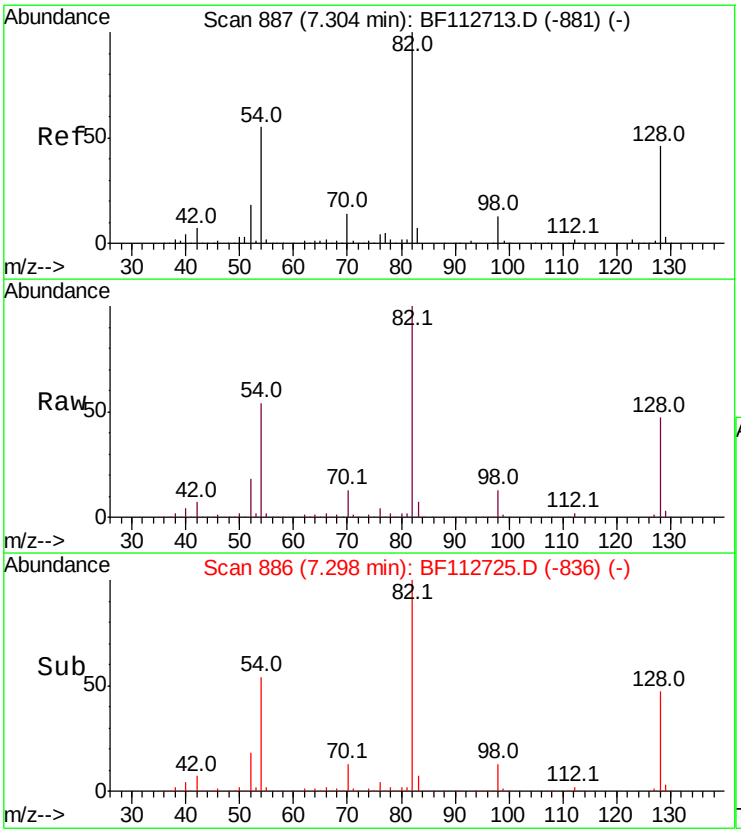
#22
Acetophenone
Concen: 0.110 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:105 Resp: 2023

Ion	Ratio	Lower	Upper
105	100		
71	14.4	3.0	4.4#
51	41.9	31.5	47.3
120	27.3	18.1	27.1#

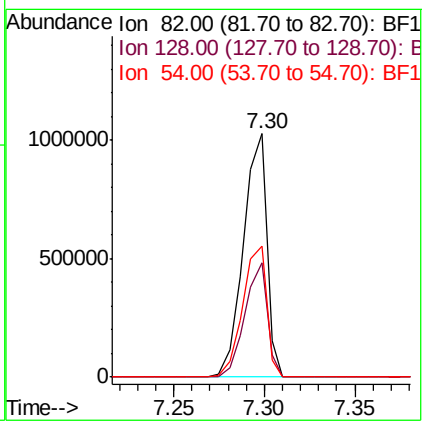


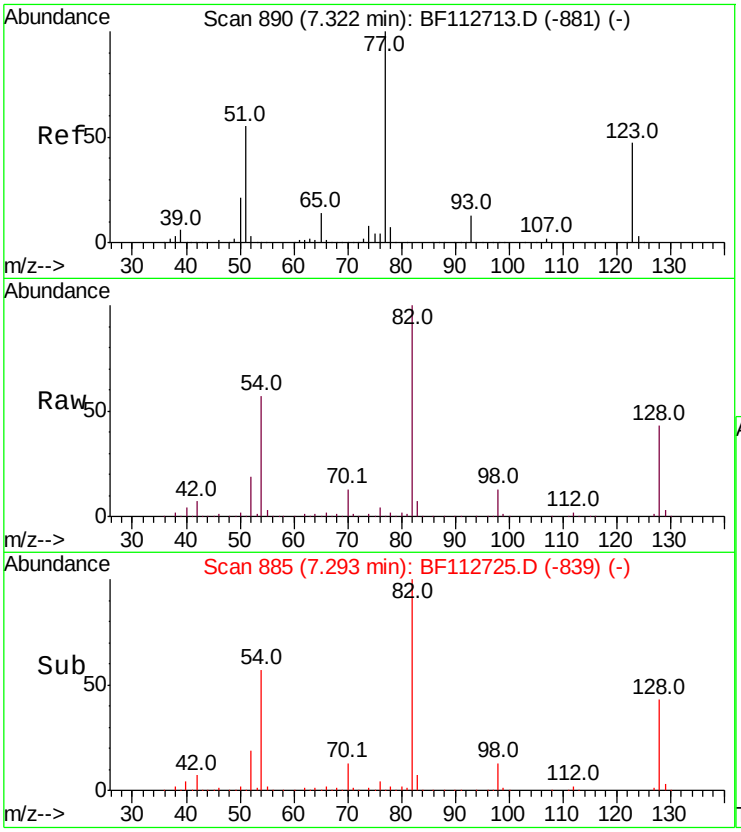


#23
Nitrobenzene-d5
Concen: 70.164 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 82 Resp: 921907

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	53.9	43.7	65.5



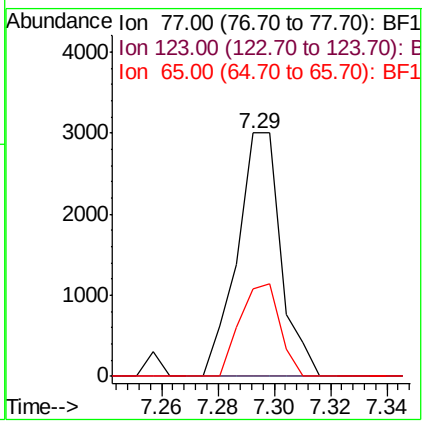


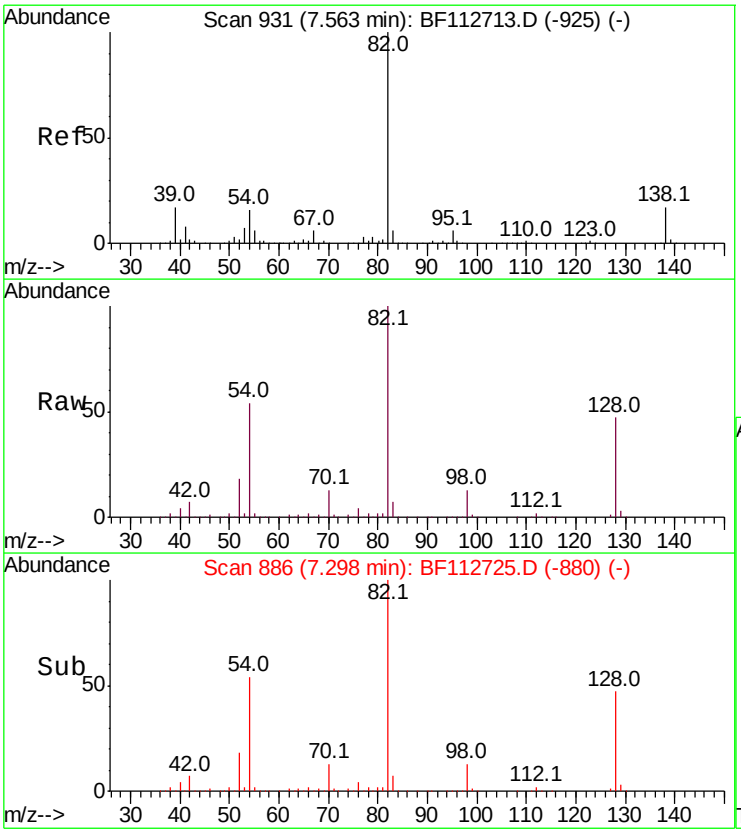
#24
Nitrobenzene
Concen: 0.222 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion: 77 Resp: 3244

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.8	56.6#
65	35.9	11.1	16.7#

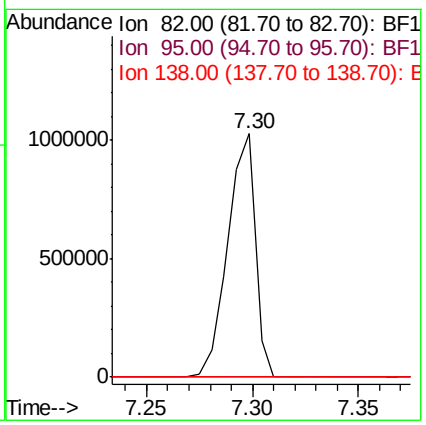


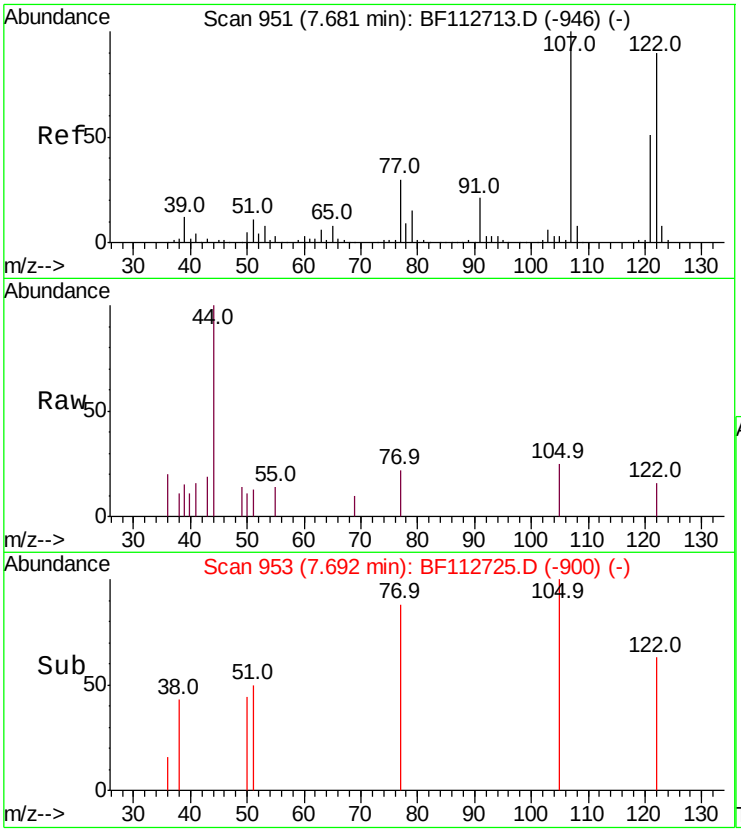


#25
Isophorone
Concen: 32.563 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 82 Resp: 921739

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



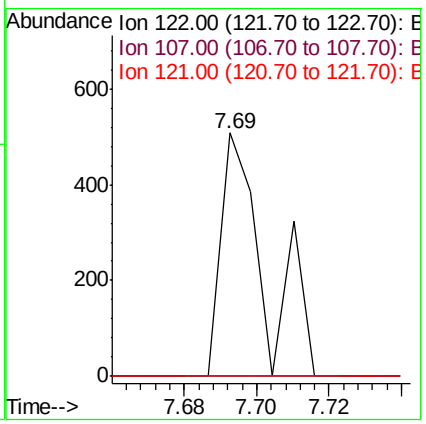


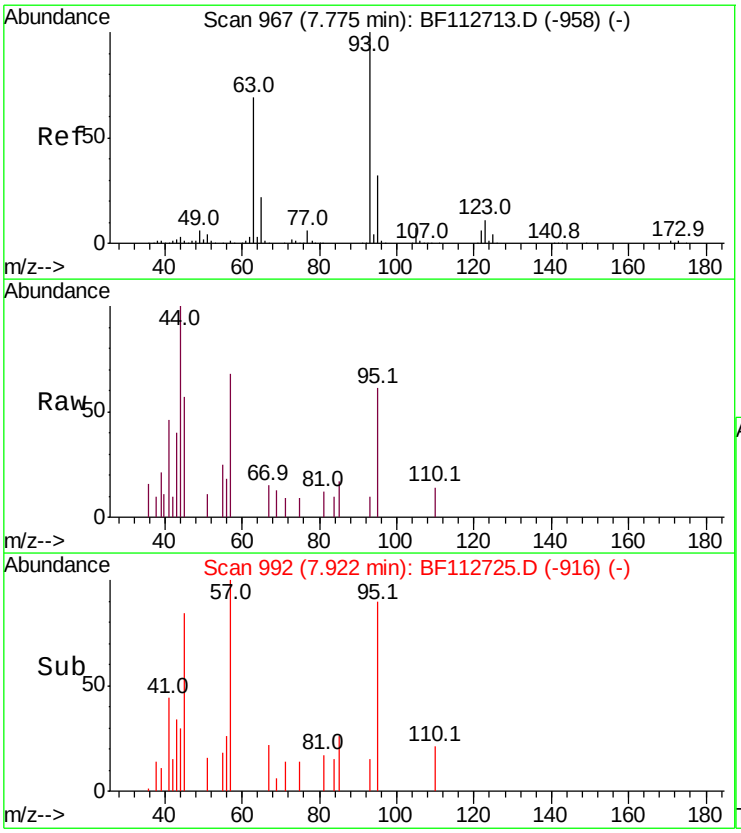
#27
2,4-Dimethylphenol
Concen: 0.038 ng
RT: 7.69 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:122 Resp: 430

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.4	134.0#
121	0.0	45.5	68.3#

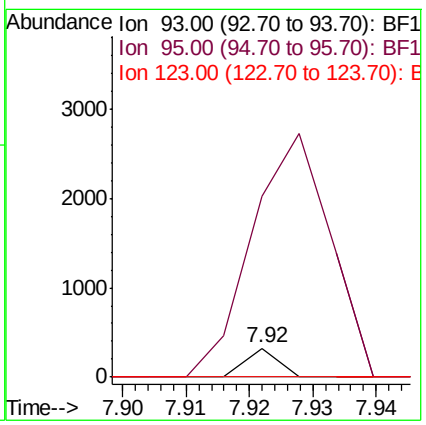


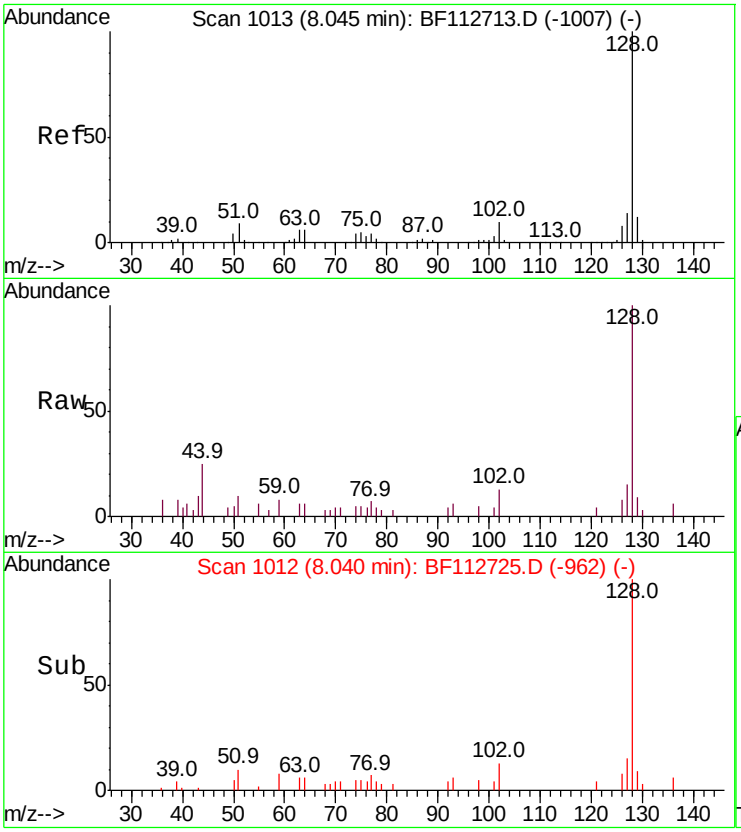


#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.15 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 93 Resp: 115

Ion	Ratio	Lower	Upper
93	100		
95	619.6	26.0	39.0#
123	0.0	9.3	13.9#



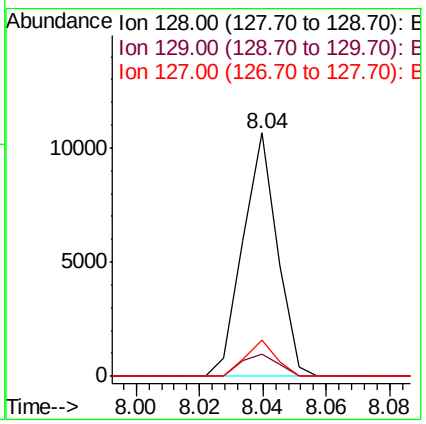


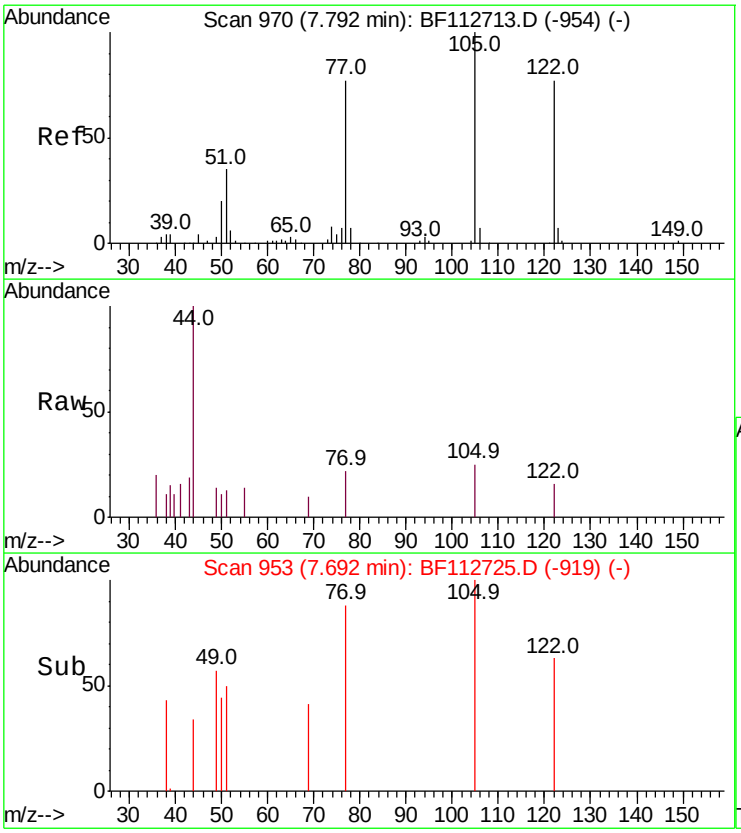
#31
Naphthalene
Concen: 0.205 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:128 Resp: 7985

Ion	Ratio	Lower	Upper
128	100		
129	9.0	9.3	13.9#
127	14.7	10.9	16.3

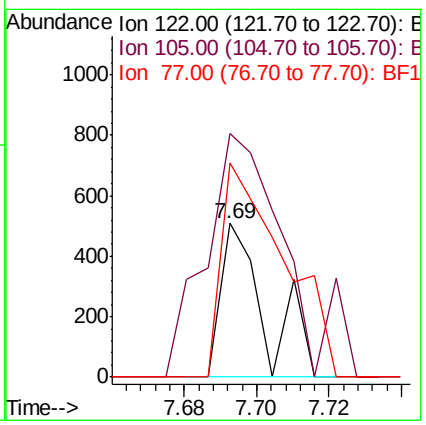


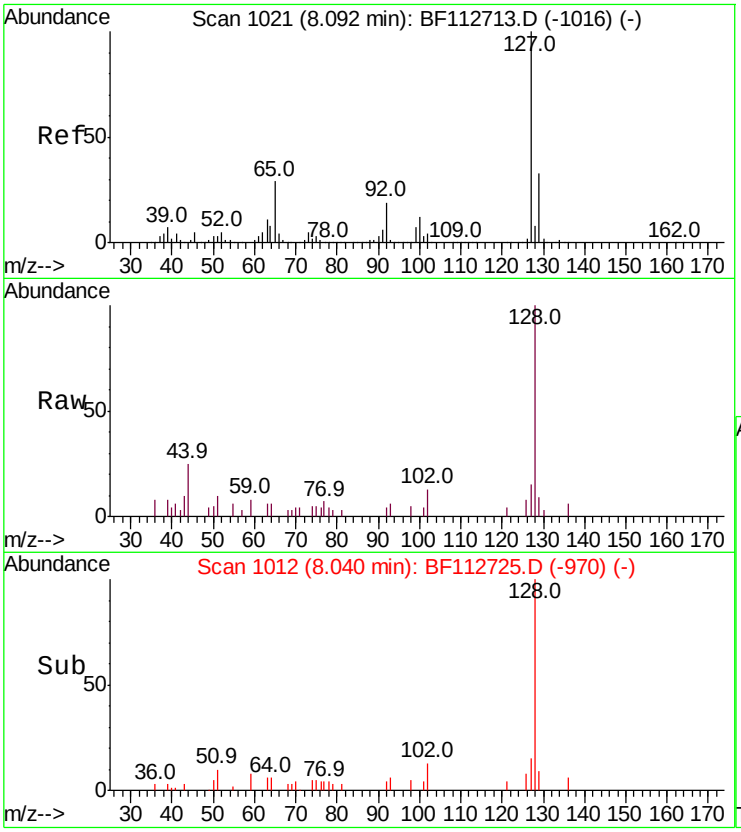


#32
Benzoic acid
Concen: 0.054 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.10 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:122 Resp: 430

Ion	Ratio	Lower	Upper
122	100		
105	158.7	106.8	146.8#
77	139.4	79.4	119.4#



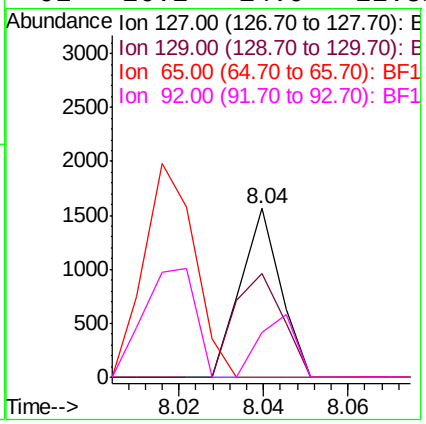


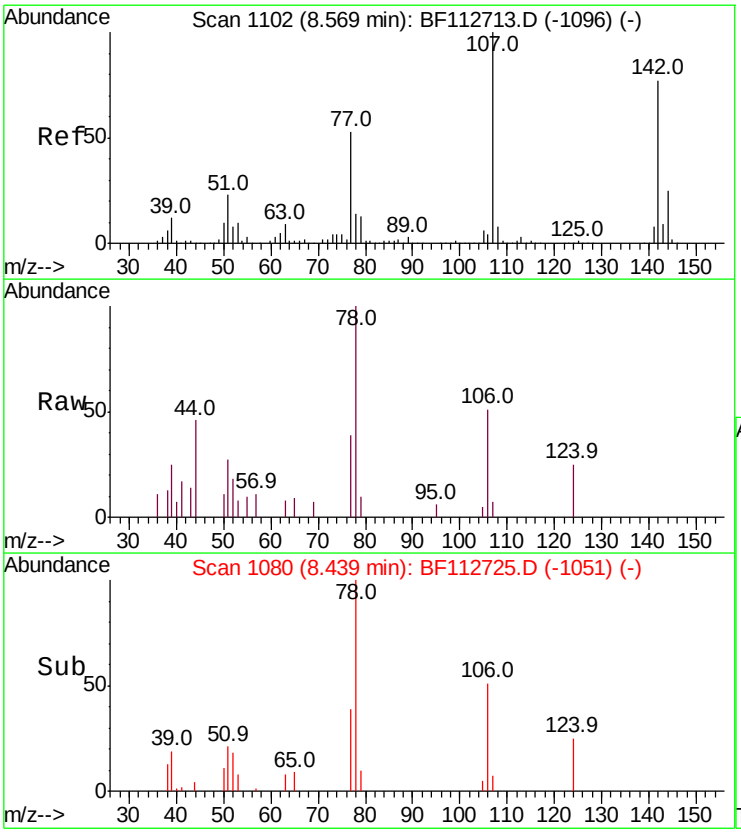
#33
4-Chloroaniline
Concen: 0.062 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:127 Resp: 1033

Ion	Ratio	Lower	Upper
127	100		
129	61.2	26.4	39.6#
65	0.0	23.1	34.7#
92	26.2	14.9	22.3#

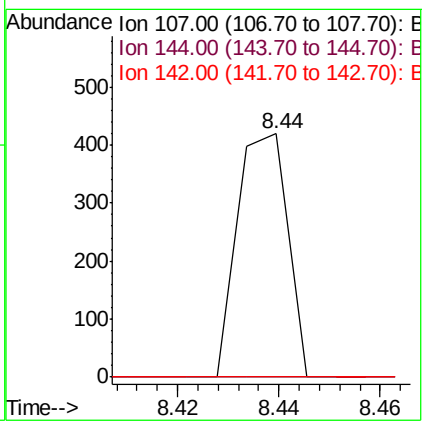


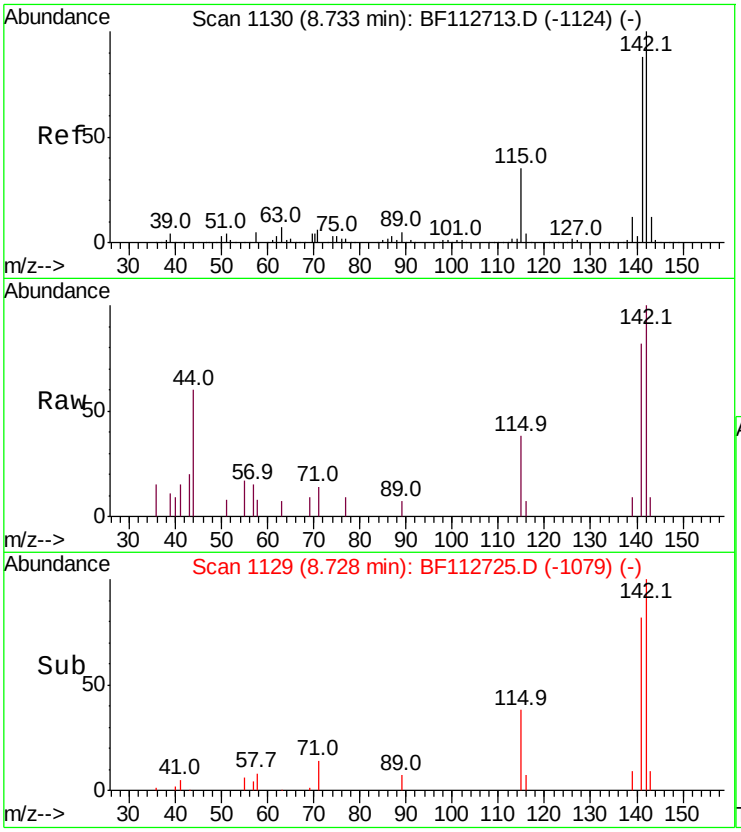


#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.13 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:107 Resp: 288

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.1	30.1#
142	0.0	61.9	92.9#



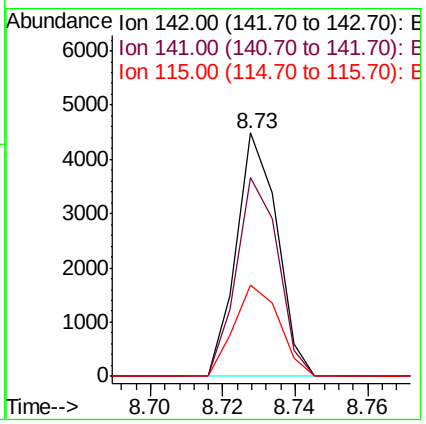


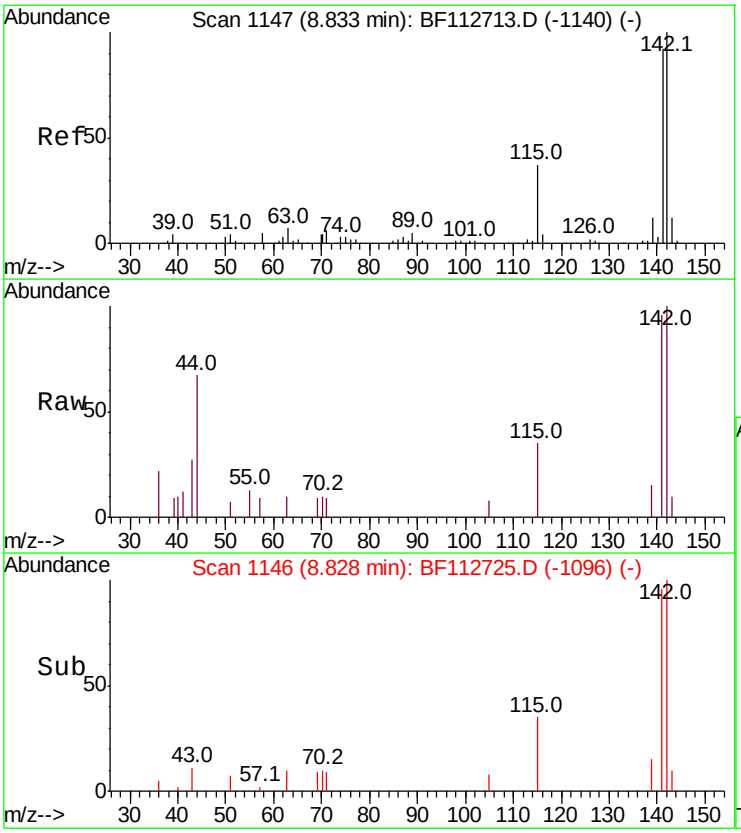
#37
2-Methylnaphthalene
Concen: 0.140 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:142 Resp: 3522

Ion	Ratio	Lower	Upper
142	100		
141	81.6	70.3	105.5
115	37.6	27.8	41.6

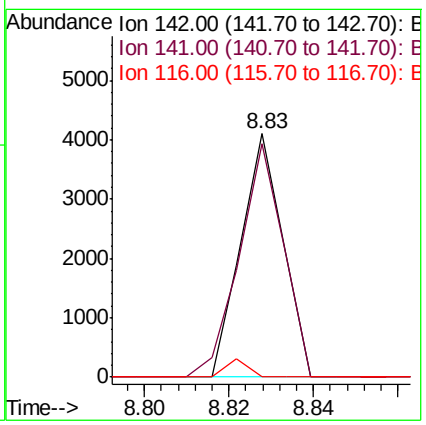


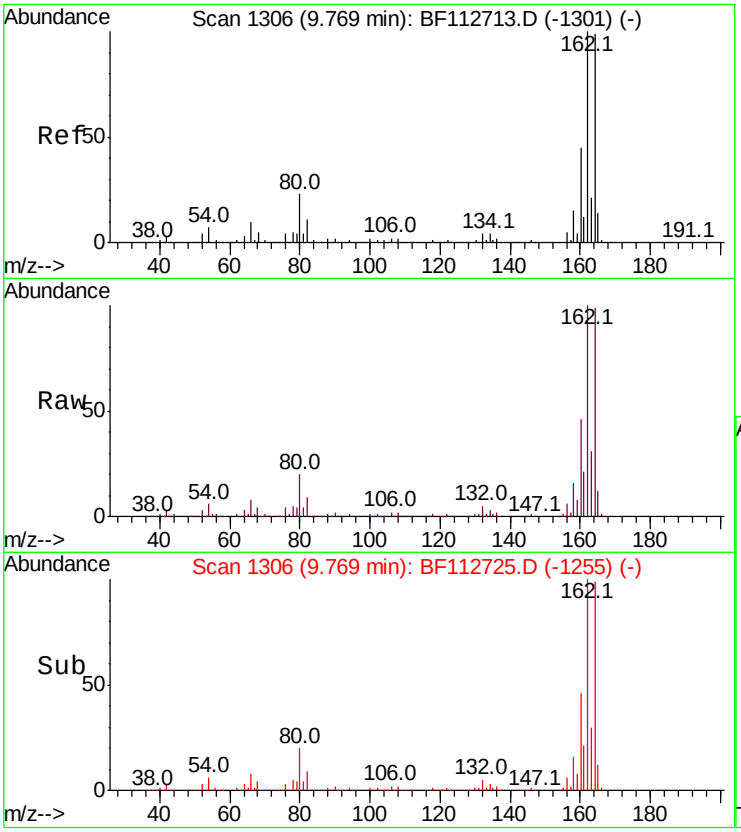


#38
1-Methylnaphthalene
Concen: 0.116 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:142 Resp: 2828

Ion	Ratio	Lower	Upper
142	100		
141	95.7	73.7	110.5
116	0.0	3.1	4.7#



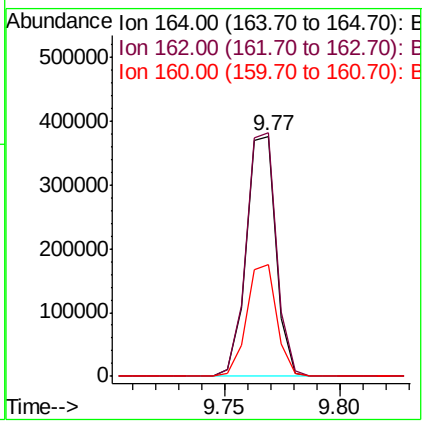


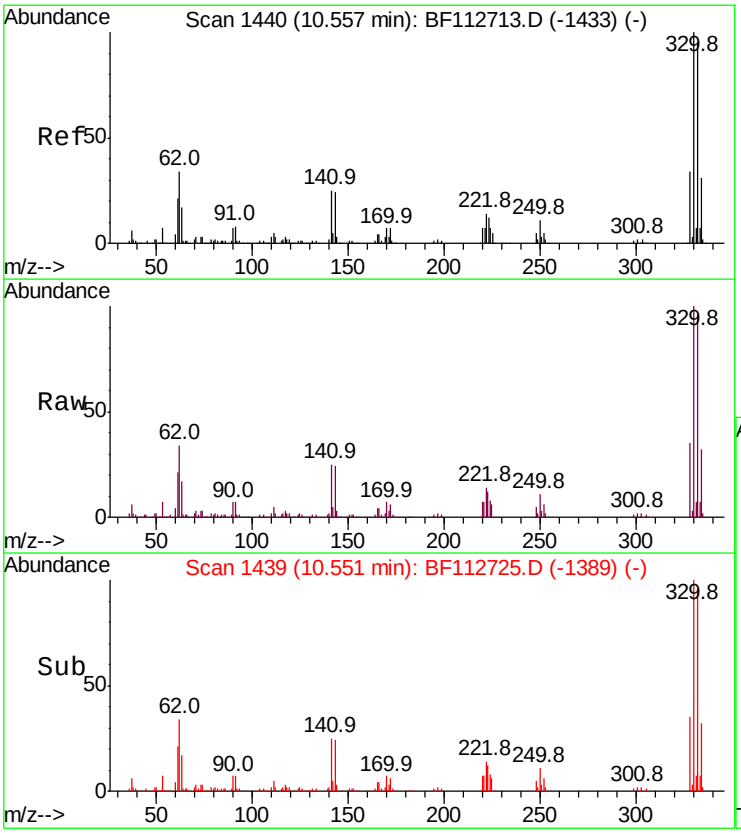
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:164 Resp: 339691

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.8	36.0	54.0

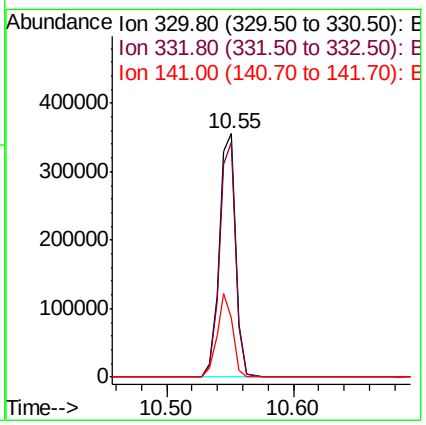


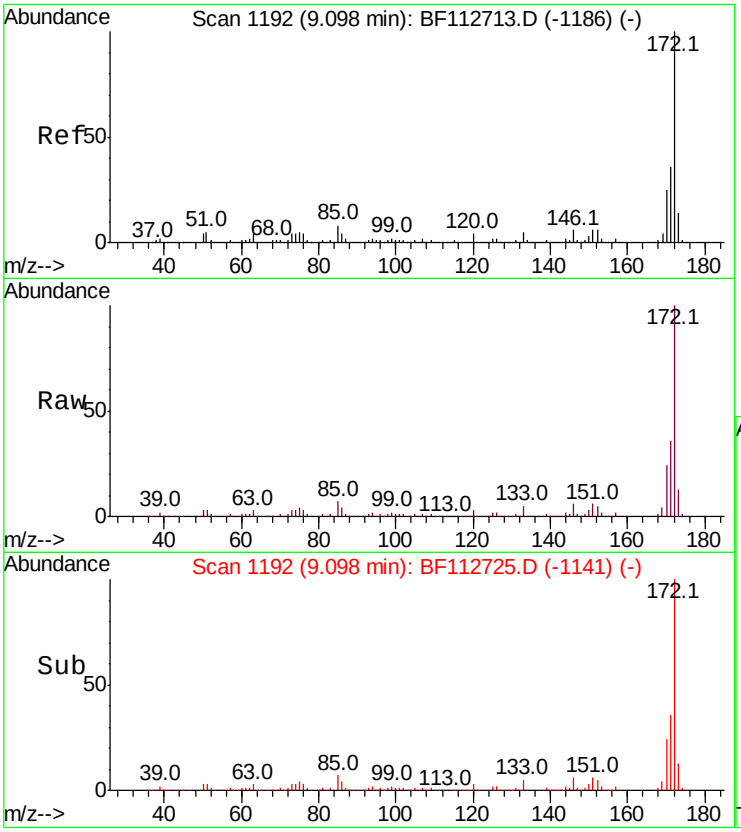


#42
2,4,6-Tribromophenol
Concen: 89.468 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:330 Resp: 322643

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.7	27.0	40.6



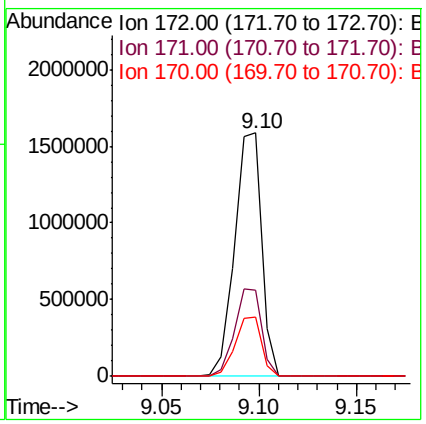


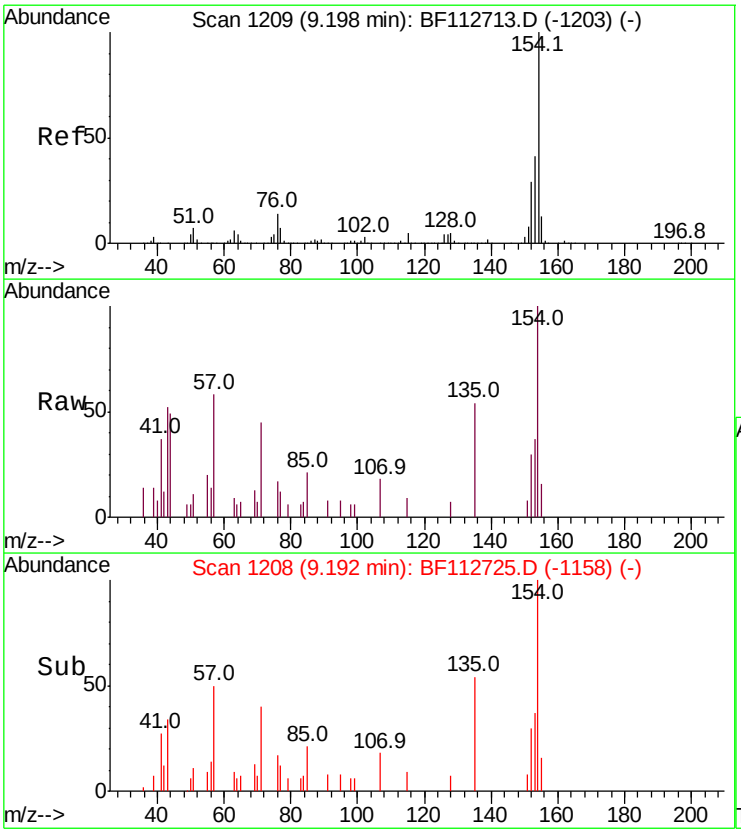
#45
2-Fluorobiphenyl
Concen: 75.191 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:172 Resp: 1518451

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.3	20.0	30.0

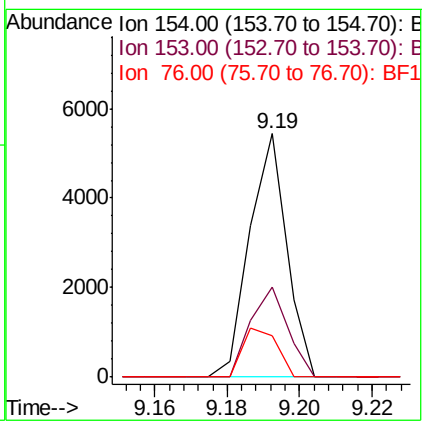


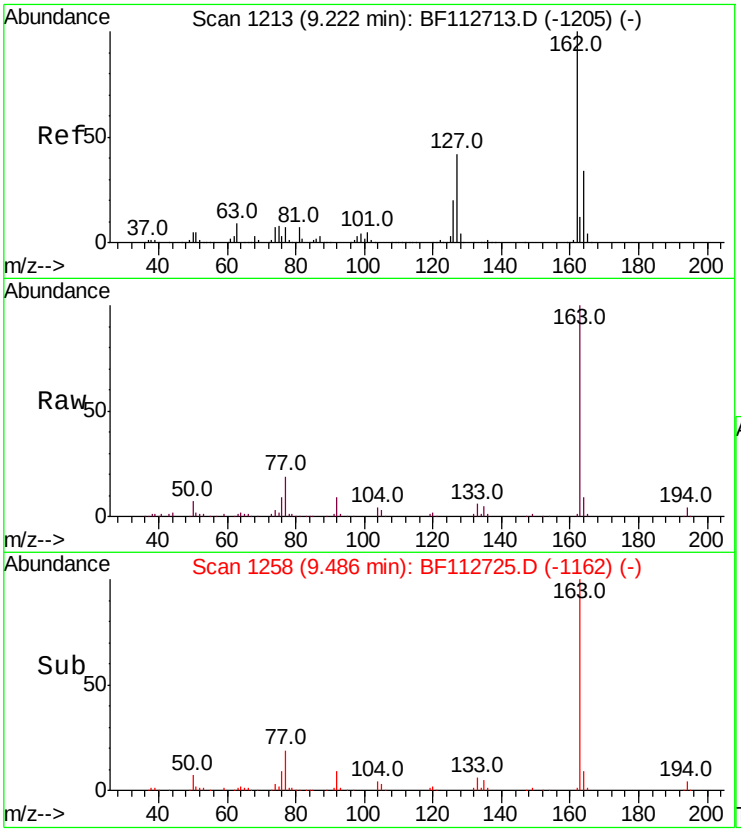


#46
1,1'-Biphenyl
Concen: 0.139 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:154 Resp: 3854

Ion	Ratio	Lower	Upper
154	100		
153	37.0	20.8	60.8
76	17.0	0.0	33.8



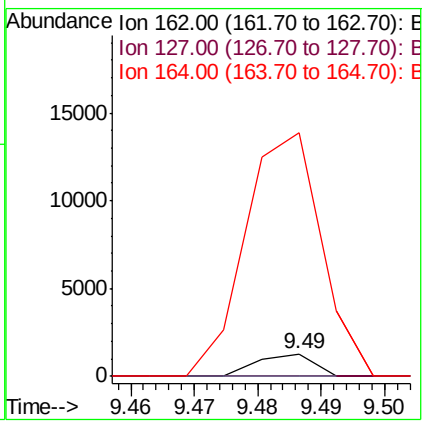


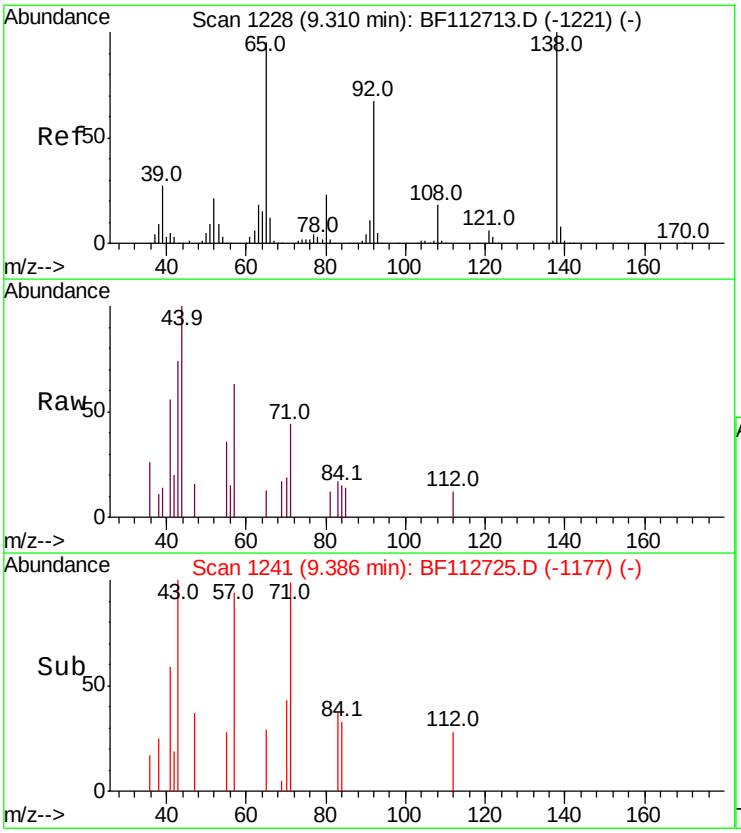
#47
2-Chloronaphthalene
Concen: 0.036 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.26 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:162 Resp: 786

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.4	50.2#
164	1089.9	26.9	40.3#

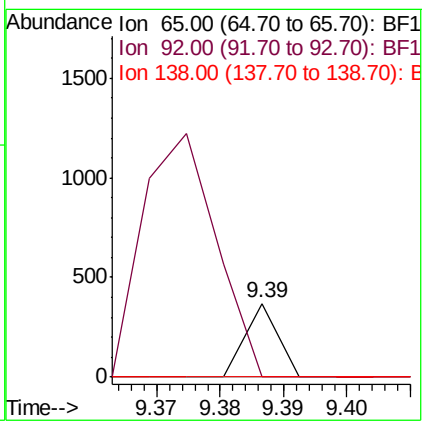


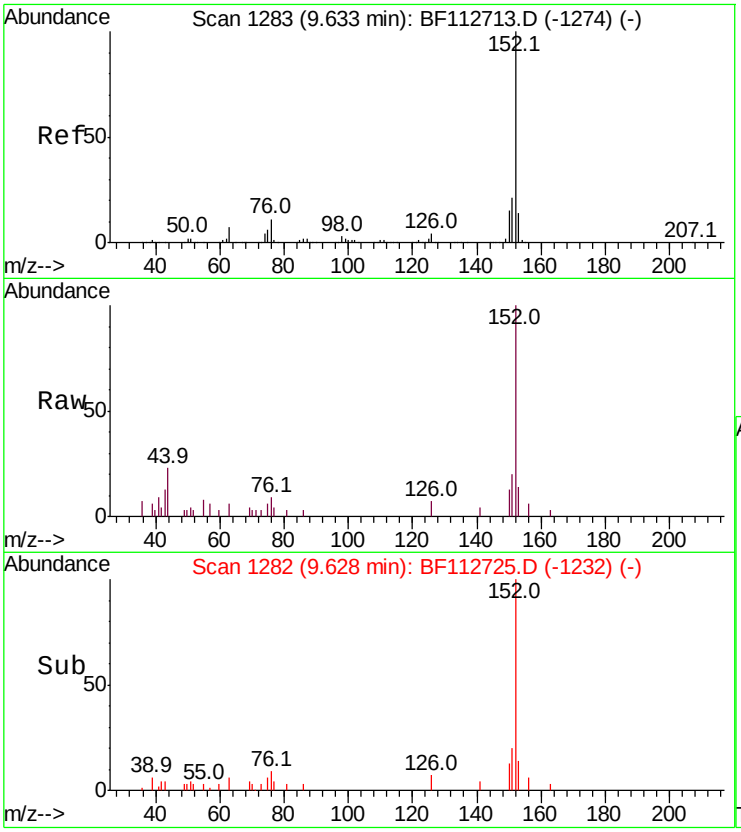


#48
2-Nitroaniline
Concen: 0.020 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.08 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 65 Resp: 130

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.4	84.6#
138	0.0	84.6	126.8#



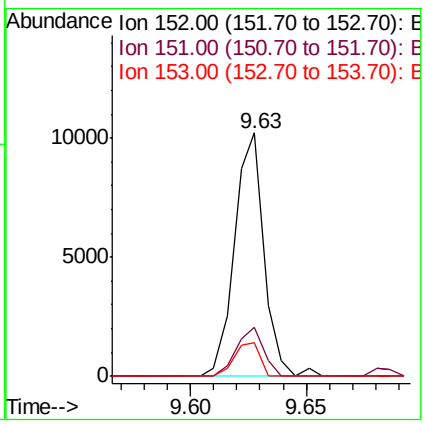


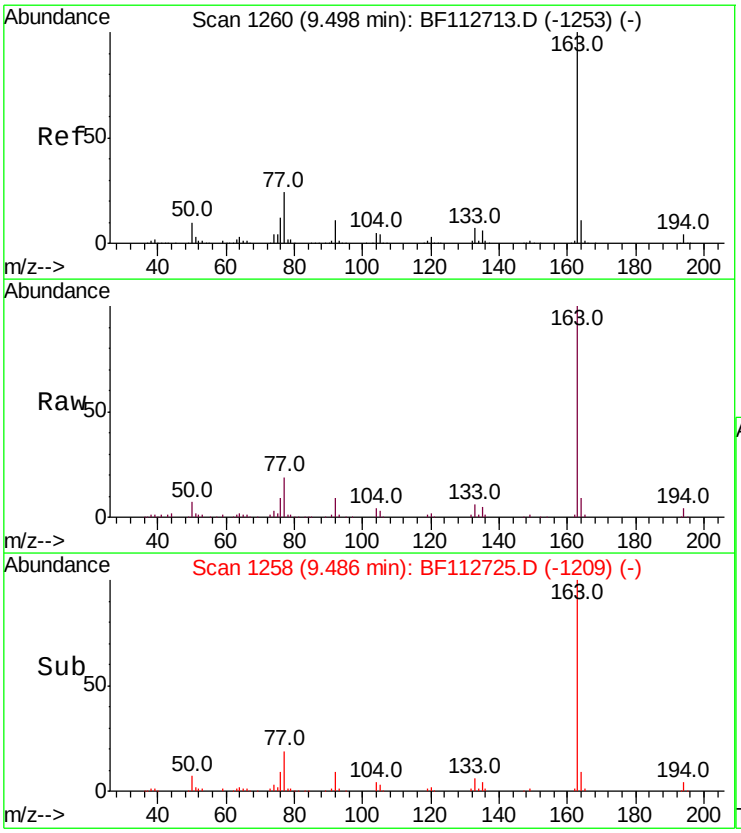
#49
Acenaphthylene
Concen: 0.247 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:152 Resp: 9073

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.7	11.0	16.6

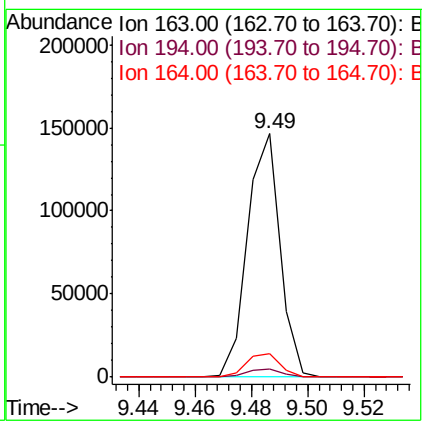


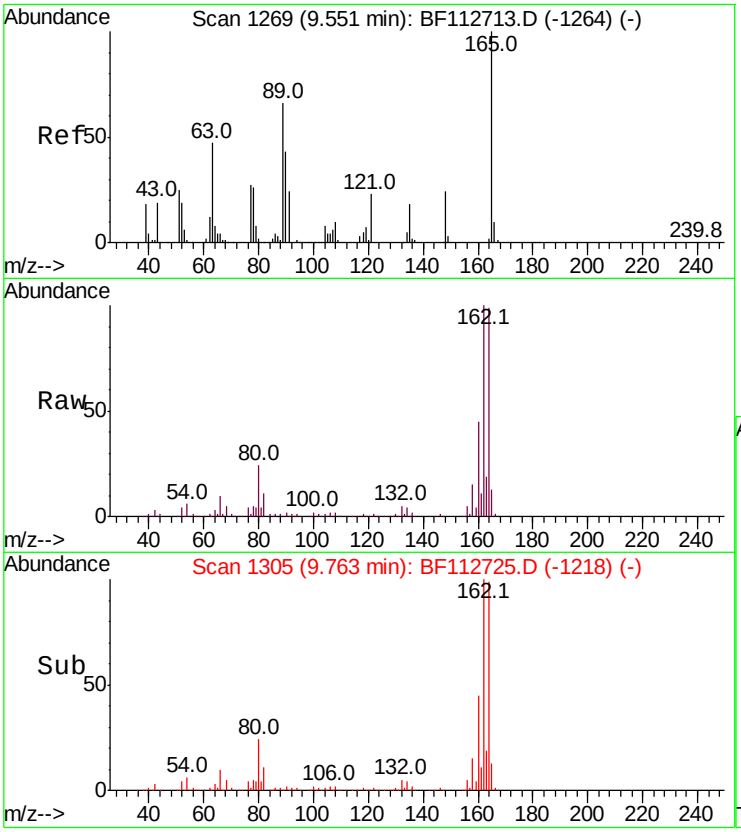


#50
Dimethylphthalate
Concen: 4.677 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:163 Resp: 117156

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.5	8.4	12.6



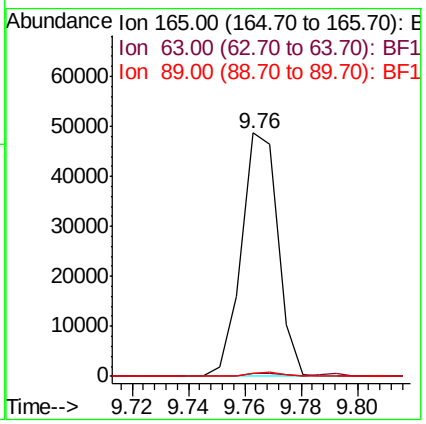


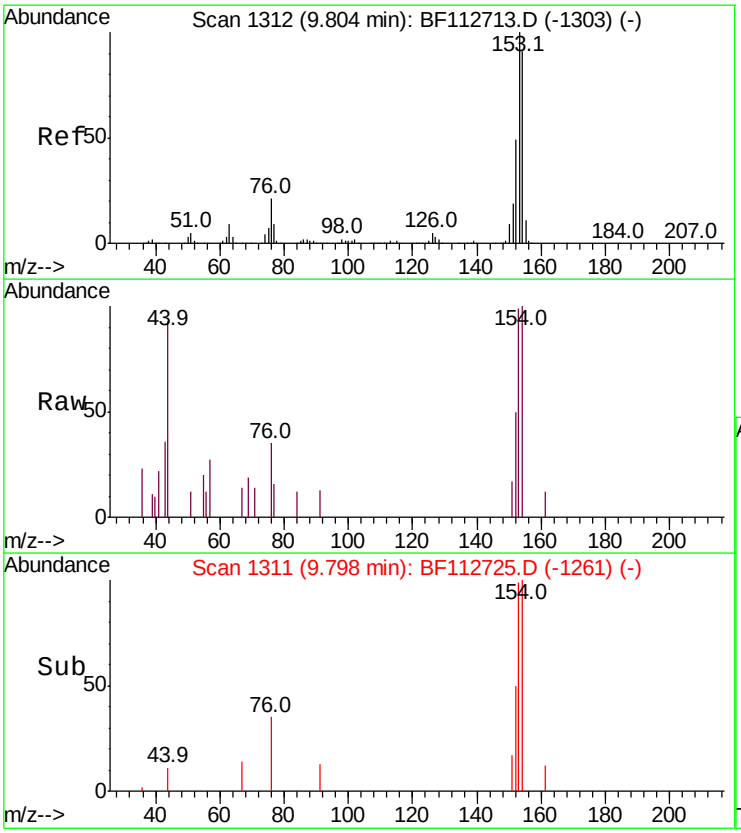
#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:165 Resp: 43604

Ion	Ratio	Lower	Upper
165	100		
63	1.3	54.1	81.1#
89	1.2	52.8	79.2#

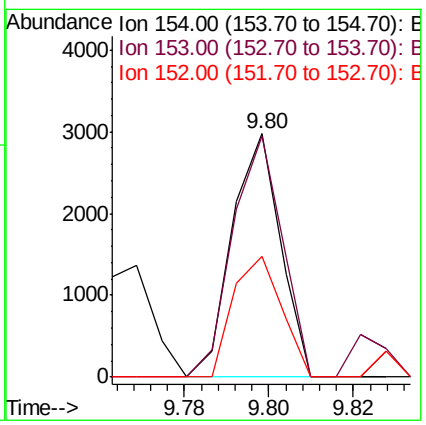


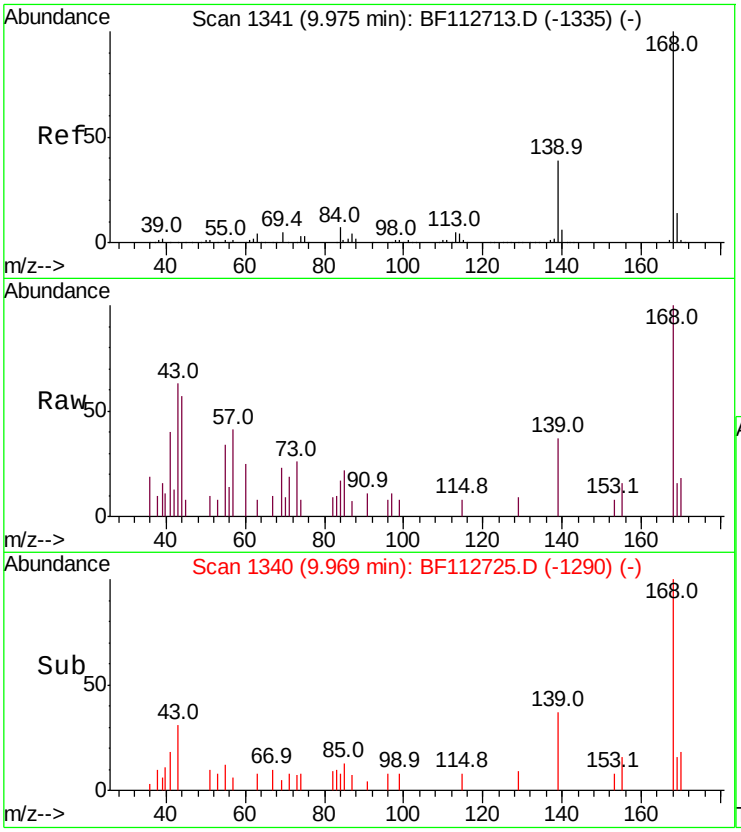


#52
Acenaphthene
Concen: 0.110 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:154 Resp: 2360

Ion	Ratio	Lower	Upper
154	100		
153	98.8	87.8	131.8
152	49.6	43.0	64.6



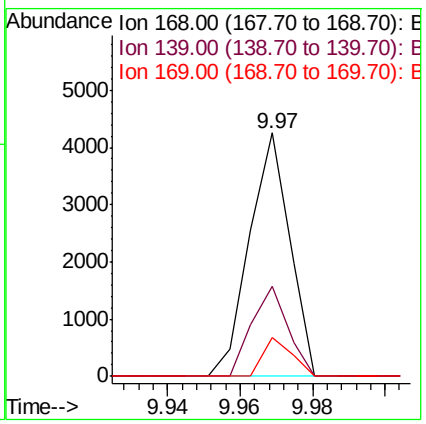


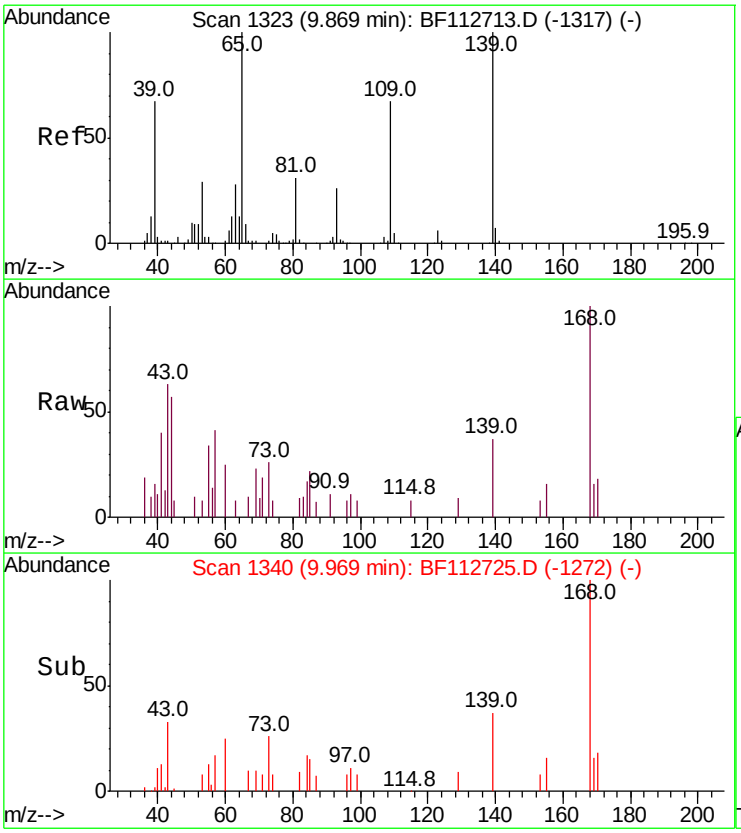
#55
Dibenzofuran
Concen: 0.105 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:168 Resp: 3266

Ion	Ratio	Lower	Upper
168	100		
139	37.0	31.3	46.9
169	15.8	11.3	16.9

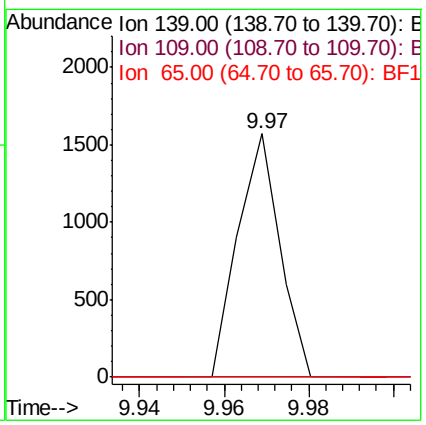


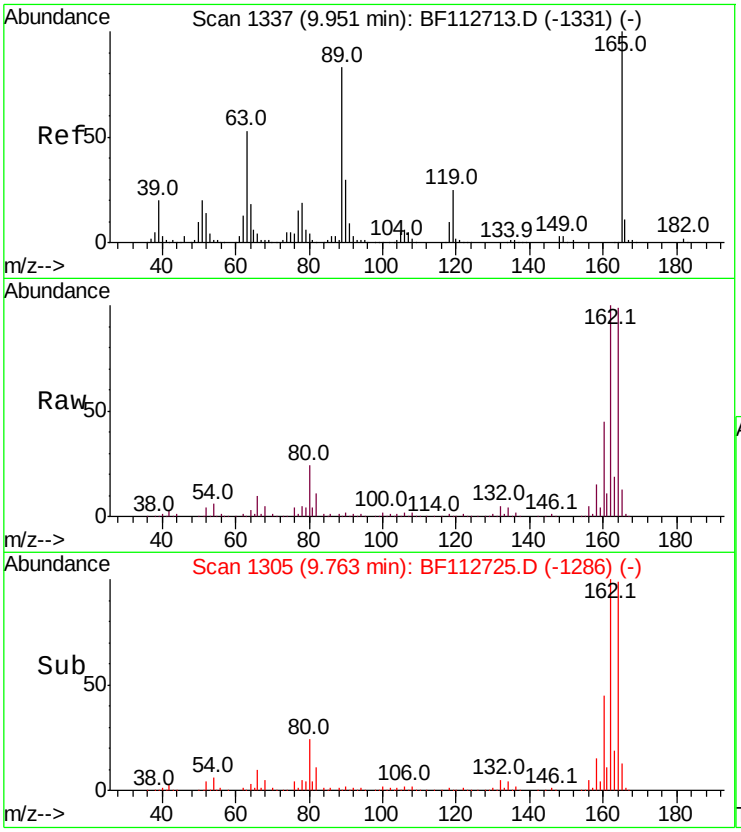


#56
4-Nitrophenol
Concen: 0.210 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.10 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:139 Resp: 1084

Ion	Ratio	Lower	Upper
139	100		
109	0.0	46.8	86.8#
65	0.0	80.7	120.7#



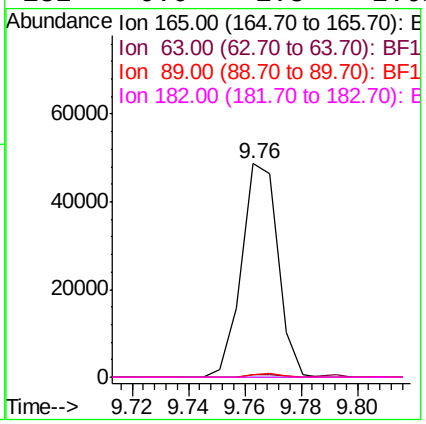


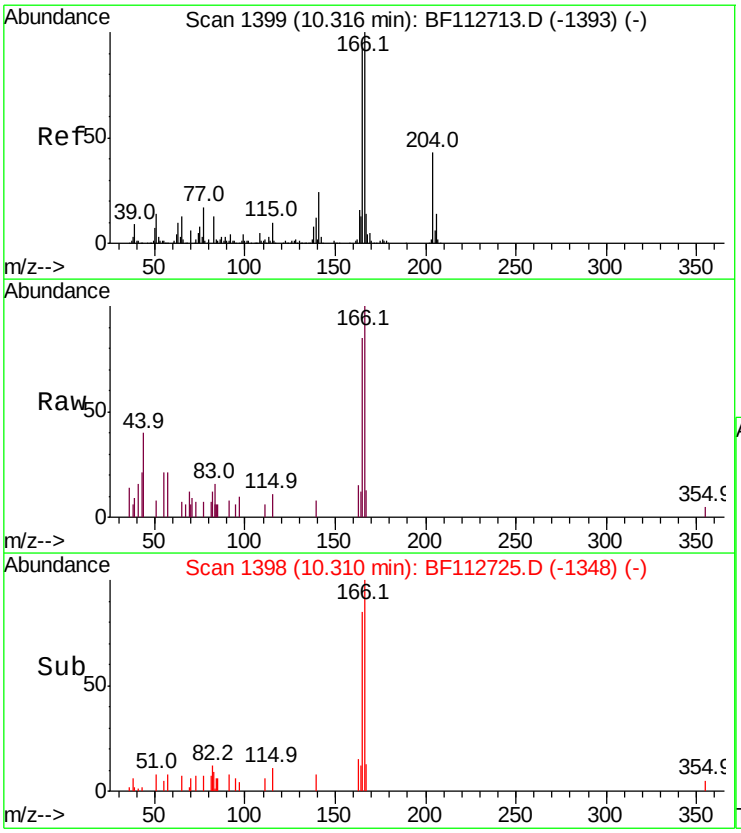
#57
2,4-Dinitrotoluene
Concen: 6.725 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:165 Resp: 43604

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#

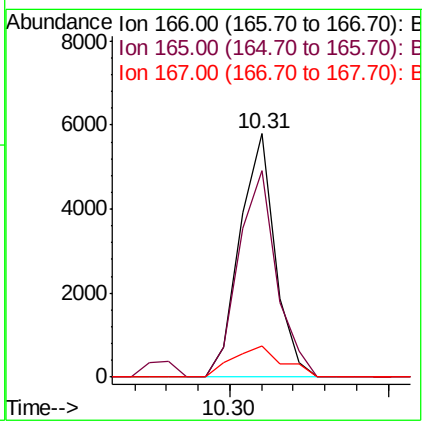


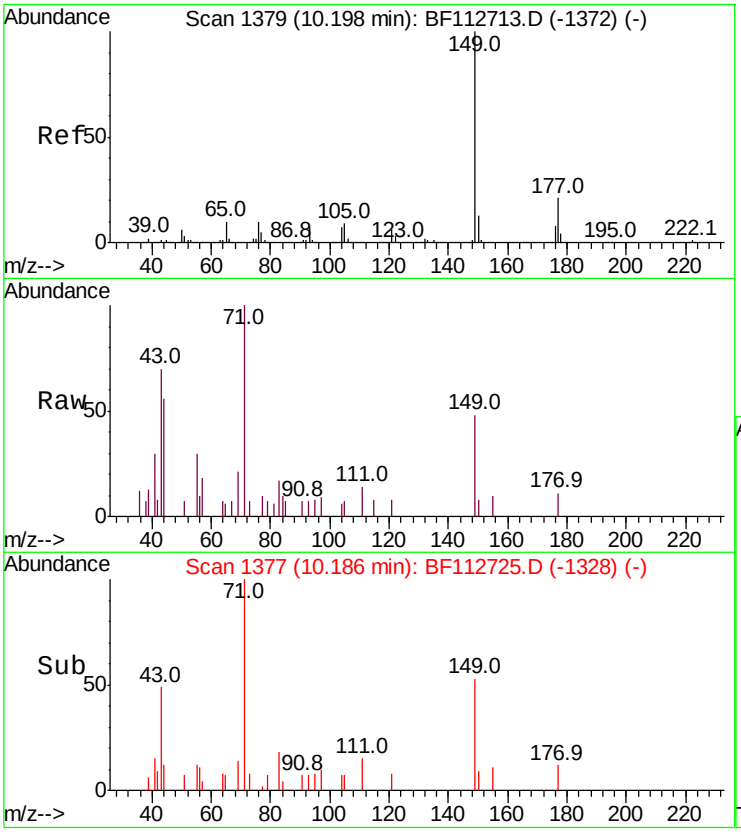


#58
Fluorene
Concen: 0.201 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:166 Resp: 4451

Ion	Ratio	Lower	Upper
166	100		
165	84.7	74.7	112.1
167	13.0	11.0	16.6



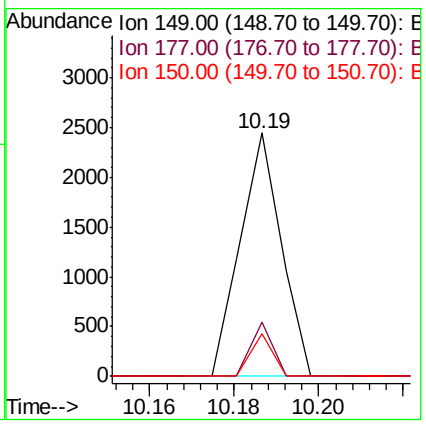


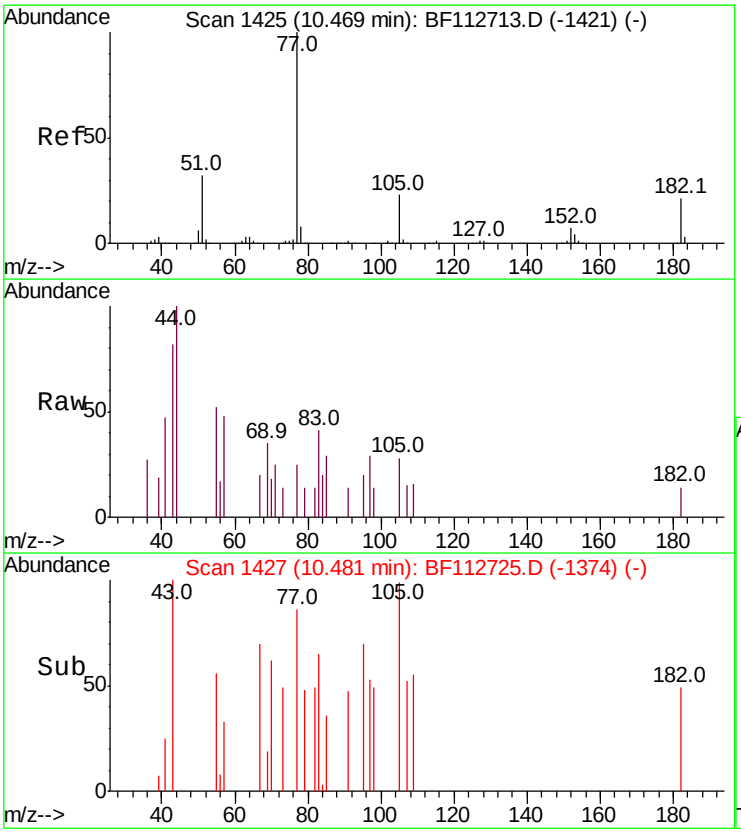
#60
Diethylphthalate
Concen: 0.063 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:149 Resp: 1654

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	17.3	10.0	15.0#

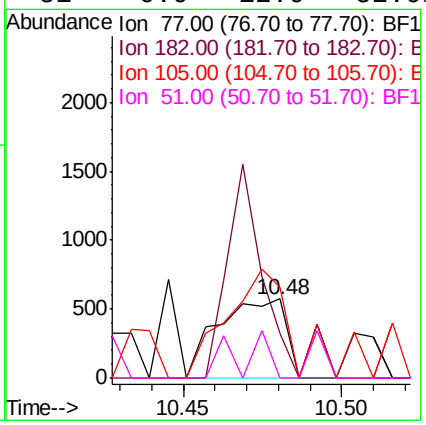


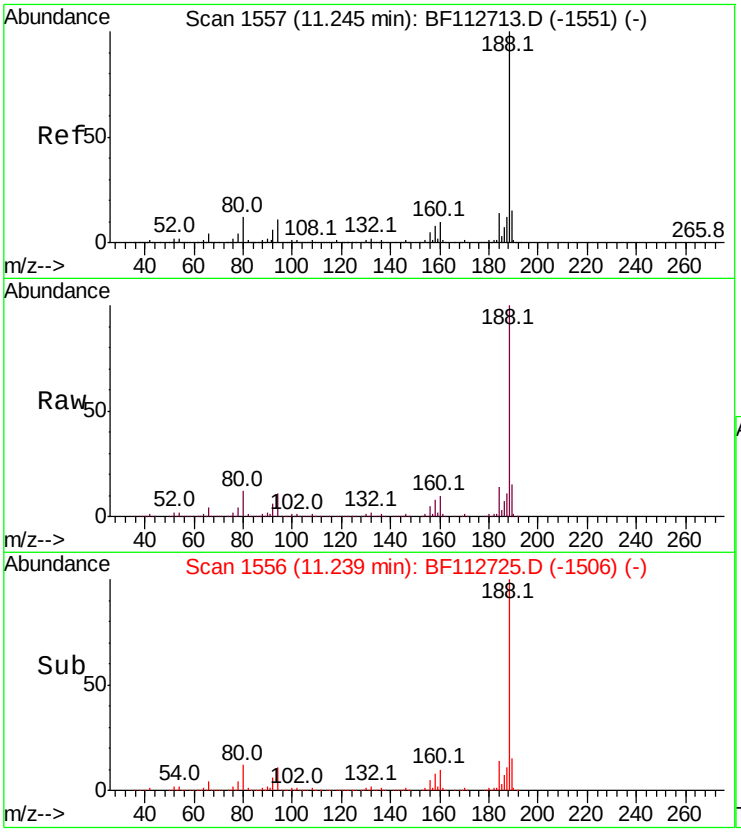


#63
Azobenzene
Concen: 0.036 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion: 77 Resp: 982

Ion	Ratio	Lower	Upper
77	100		
182	57.5	1.4	41.4#
105	115.0	2.6	42.6#
51	0.0	12.0	52.0#



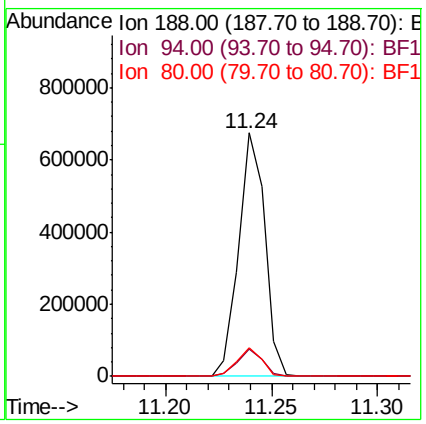


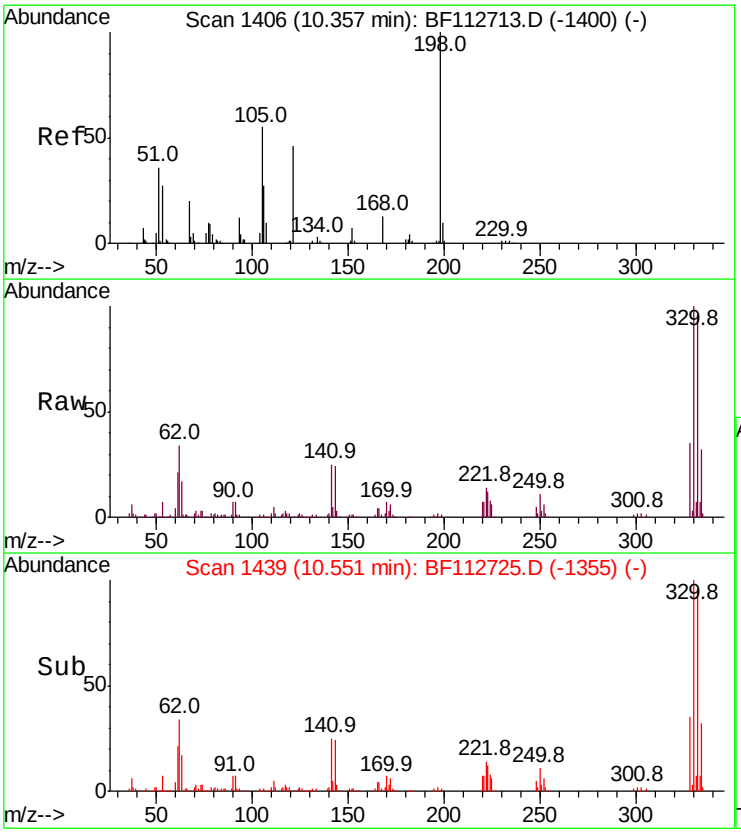
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:188 Resp: 579158

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.4
80	12.0	9.2	13.8

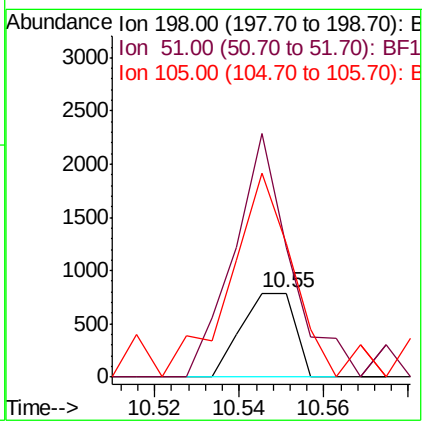


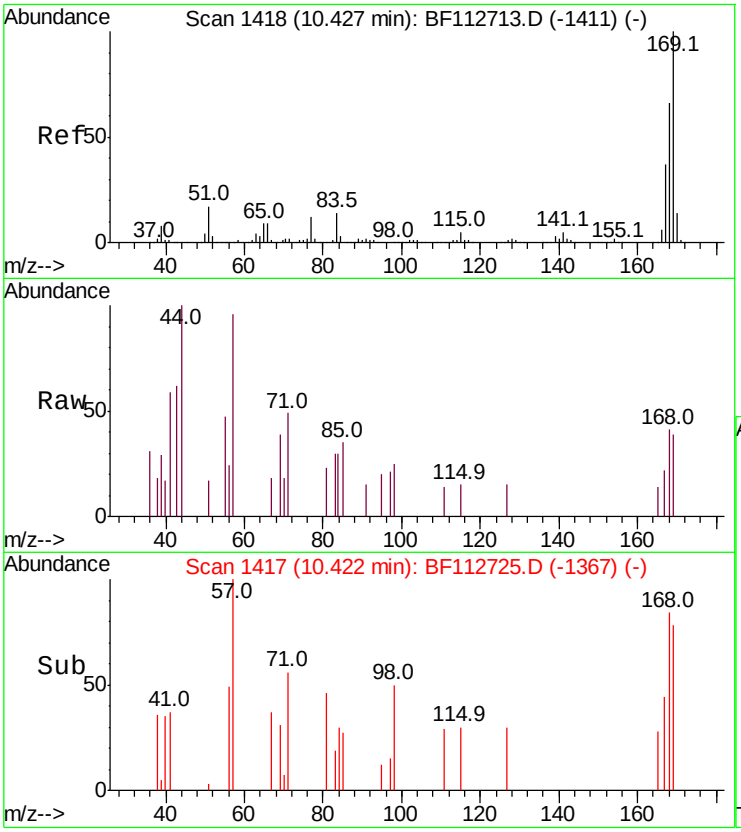


#65
4,6-Dinitro-2-methylphenol
Concen: 4.877 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.20 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:198 Resp: 695

Ion	Ratio	Lower	Upper
198	100		
51	154.7	43.8	83.8#
105	158.9	36.5	76.5#



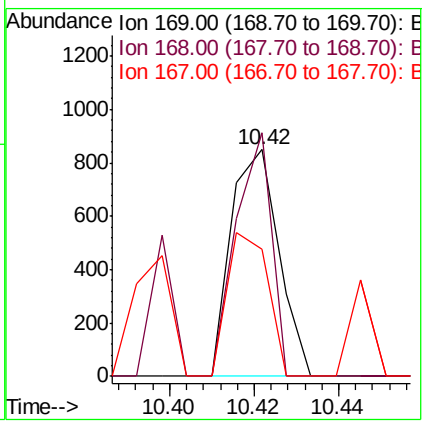


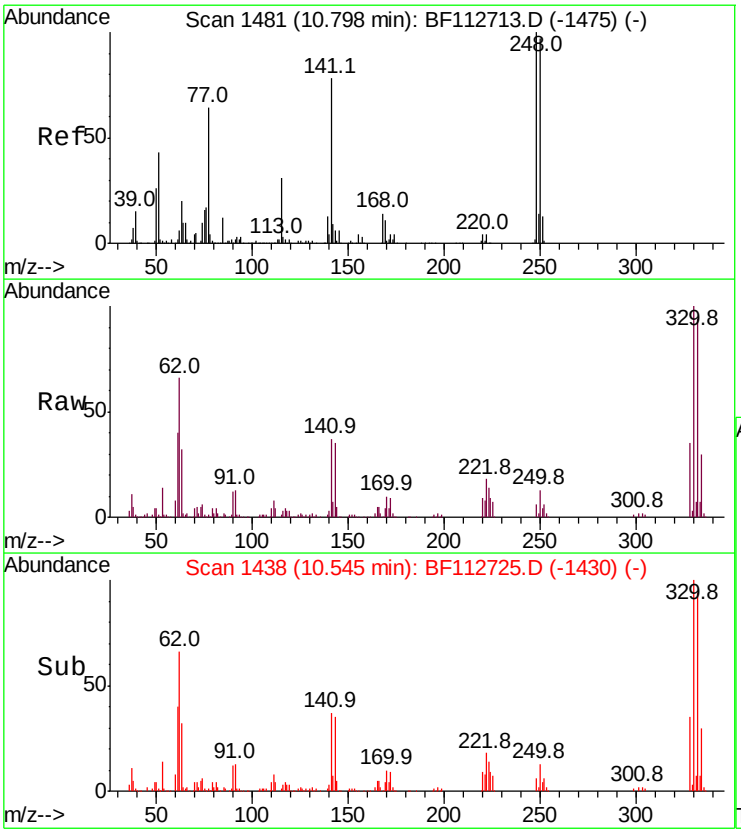
#66
n-Nitrosodiphenylamine
Concen: 0.036 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:169 Resp: 666

Ion	Ratio	Lower	Upper
169	100		
168	107.4	53.0	79.6#
167	56.1	29.3	43.9#

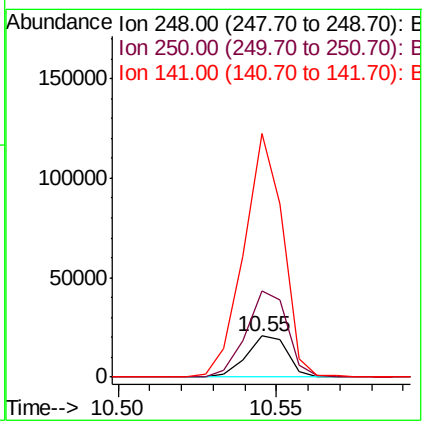


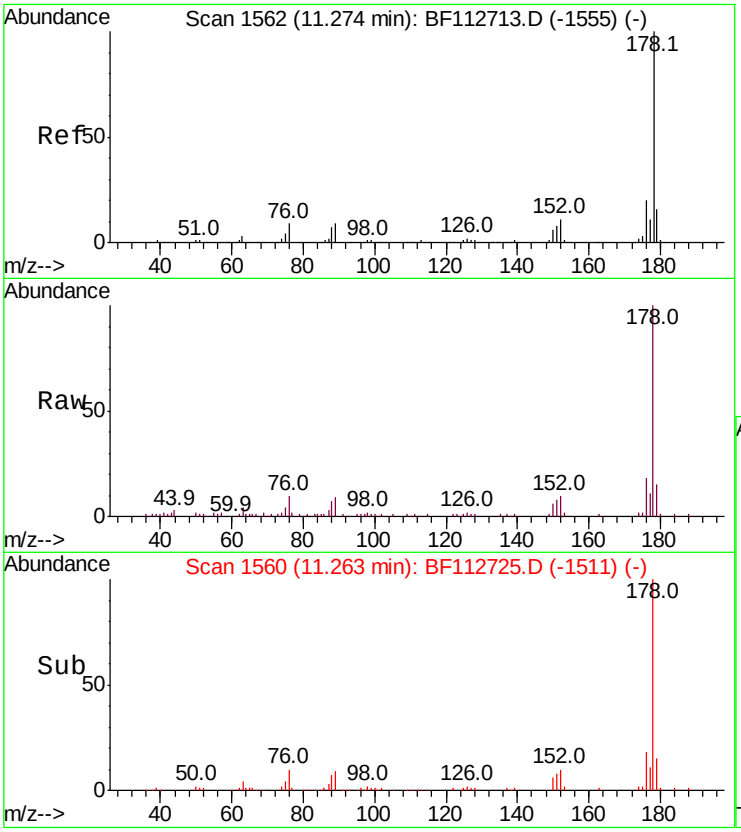


#67
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:248 Resp: 18457

Ion	Ratio	Lower	Upper
248	100		
250	209.1	77.5	116.3#
141	595.3	62.4	93.6#



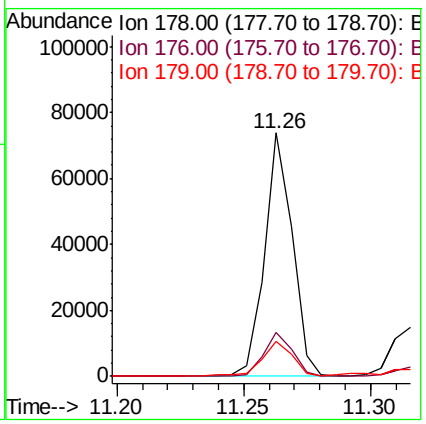


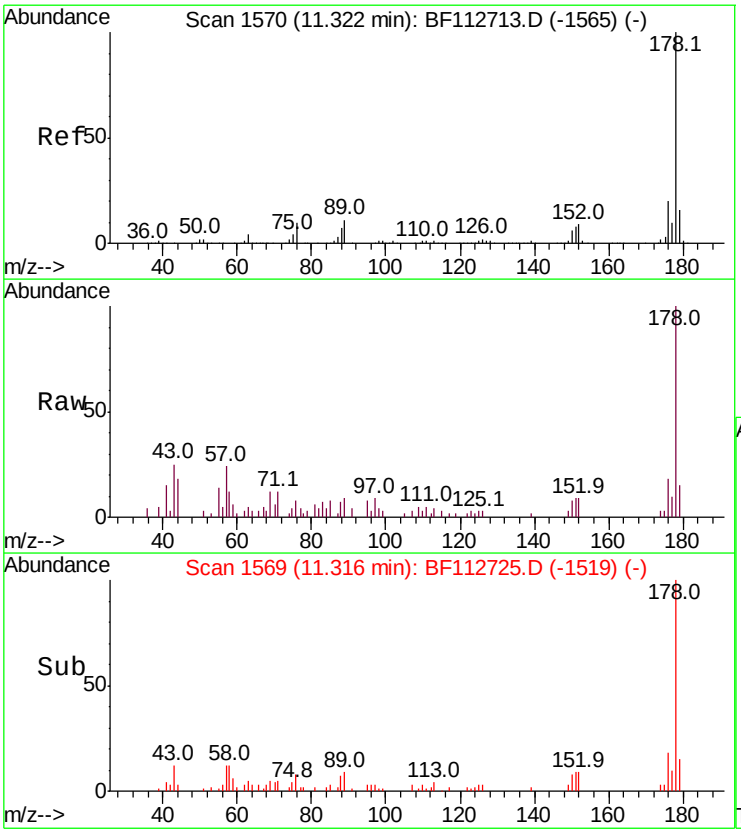
#71
Phenanthrene
Concen: 1.941 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:178 Resp: 55918

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.3	24.5
179	14.6	12.7	19.1

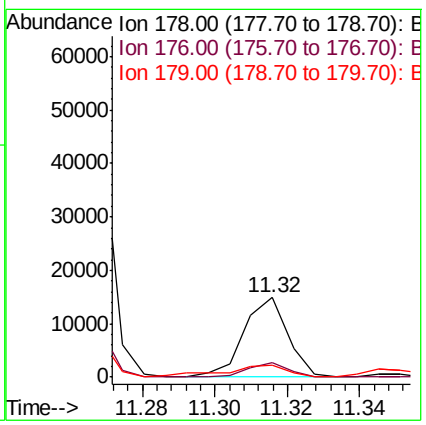


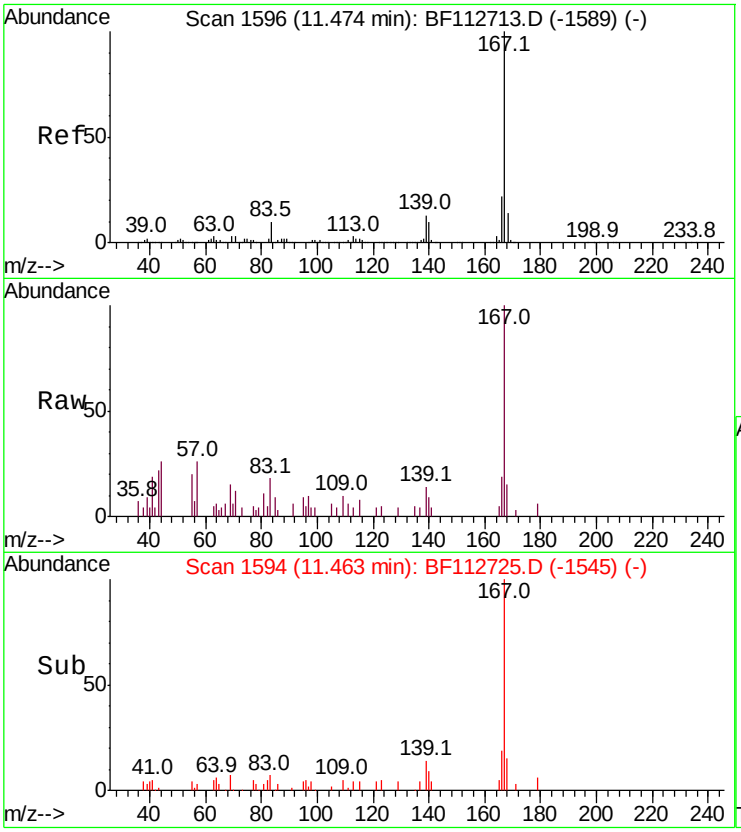


#72
Anthracene
Concen: 0.416 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:178 Resp: 12551

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.6
179	15.0	13.0	19.6



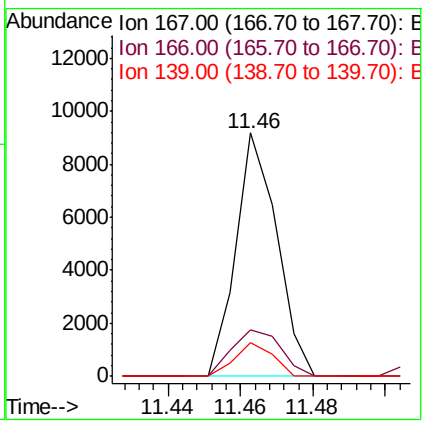


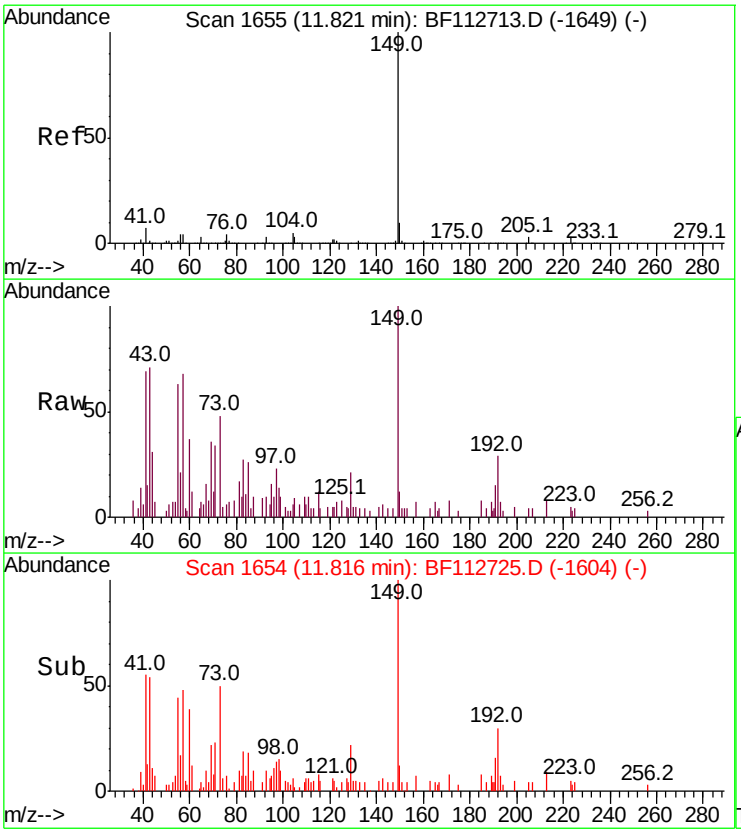
#73
Carbazole
Concen: 0.245 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:167 Resp: 7212

Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.5	26.3
139	13.6	10.8	16.2

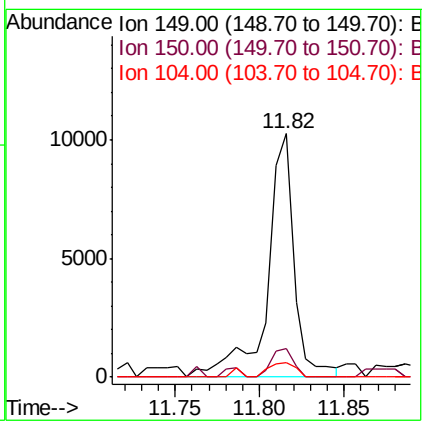


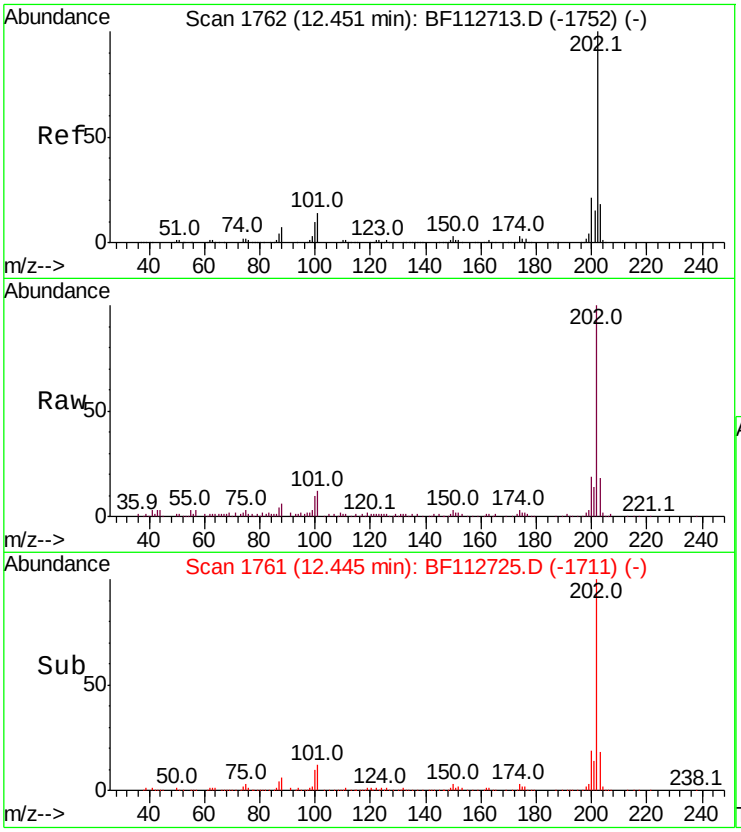


#74
Di-n-butylphthalate
Concen: 0.320 ng
RT: 11.82 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:149 Resp: 11273

Ion	Ratio	Lower	Upper
149	100		
150	11.7	7.6	11.4#
104	5.9	3.7	5.5#



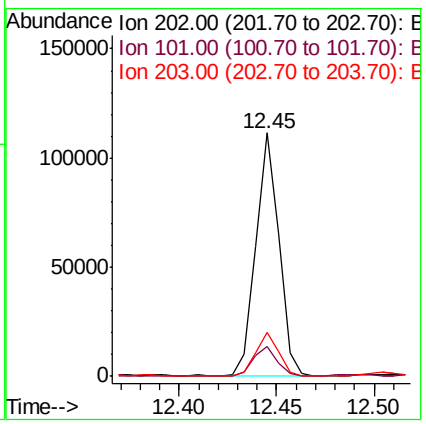


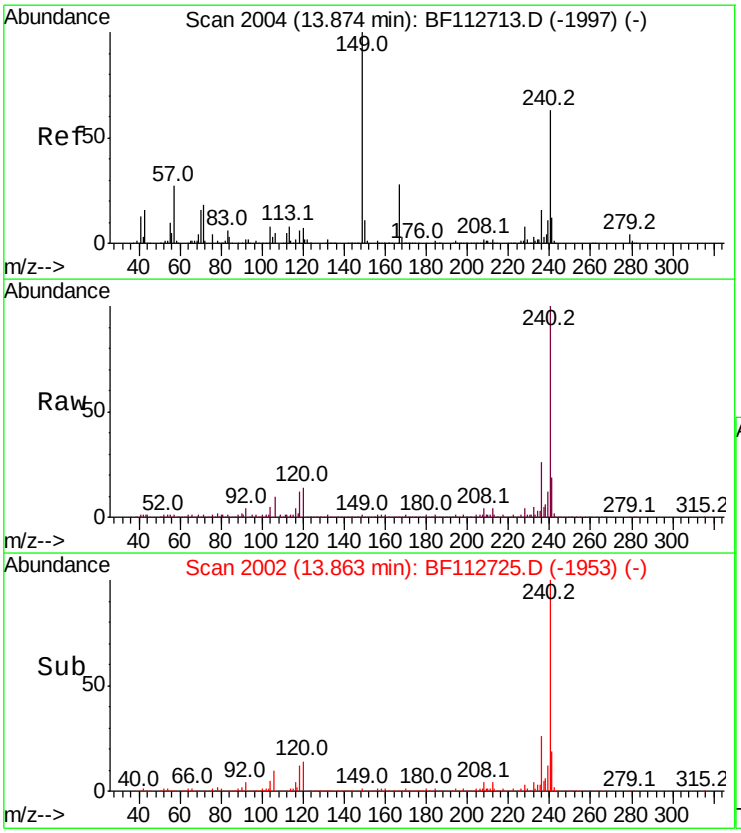
#75
Fluoranthene
Concen: 2.979 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:202 Resp: 91984

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	18.0	0.0	38.4

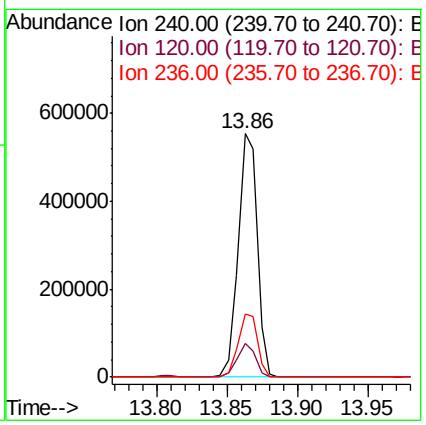


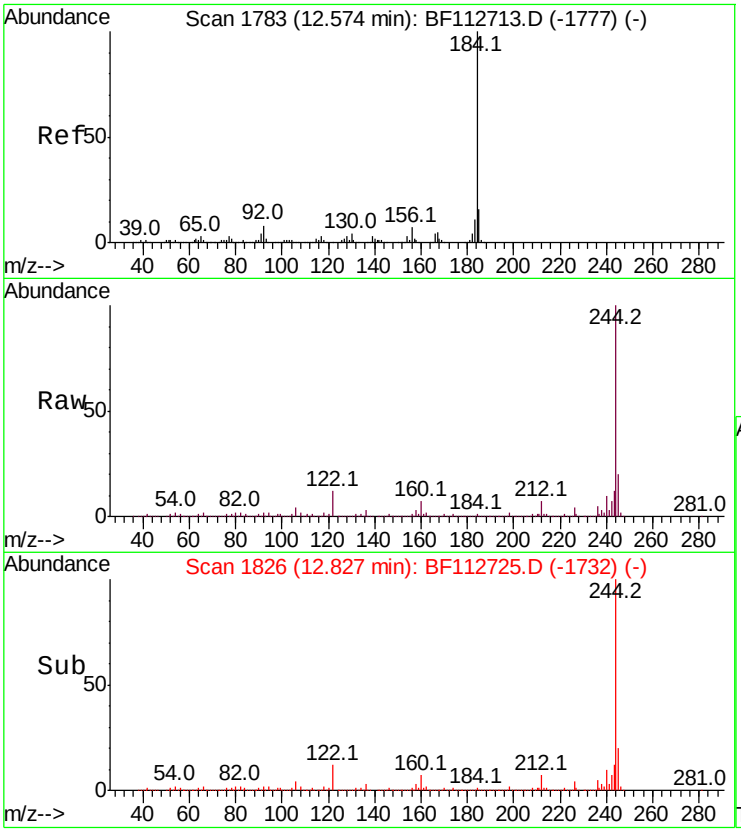


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:240 Resp: 519419

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.9	13.3#
236	25.8	20.7	31.1



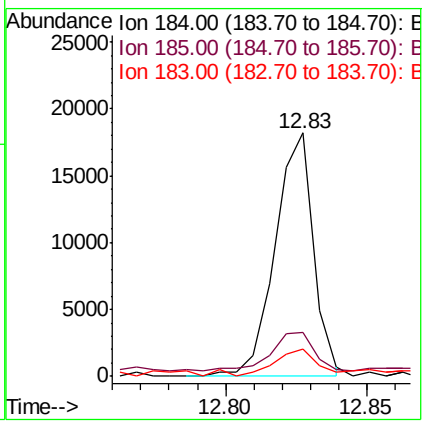


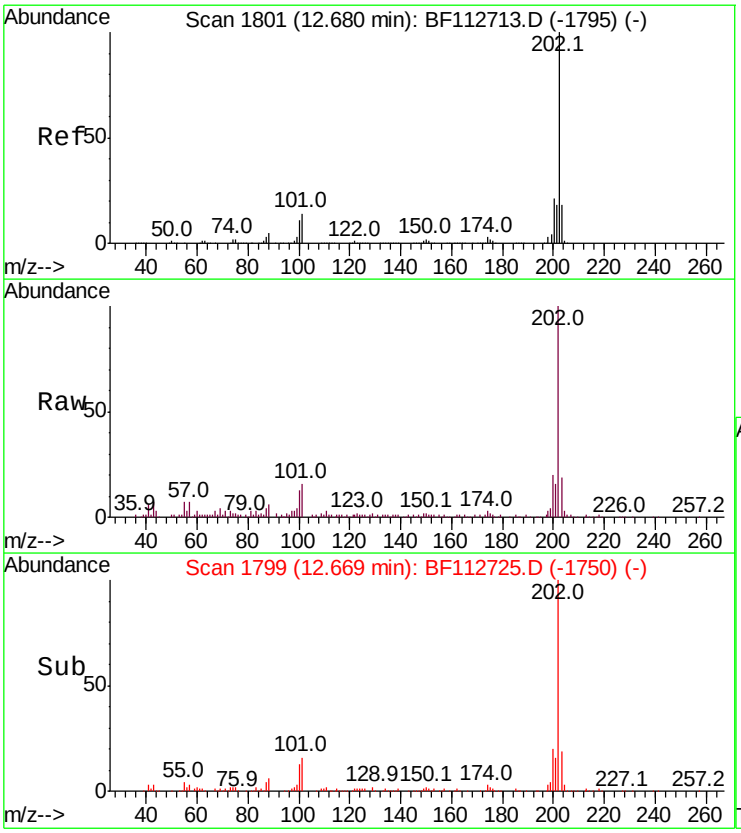
#77
Benzidine
Concen: 0.636 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.25 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:184 Resp: 17150

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.6	18.8
183	11.1	8.6	12.8

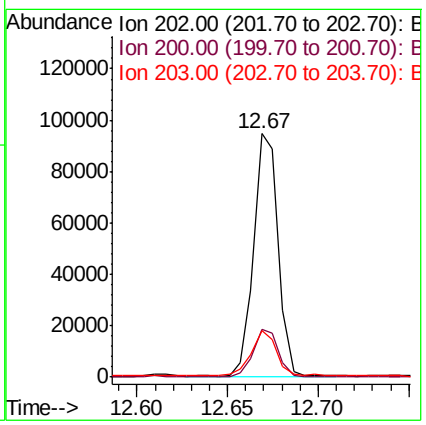


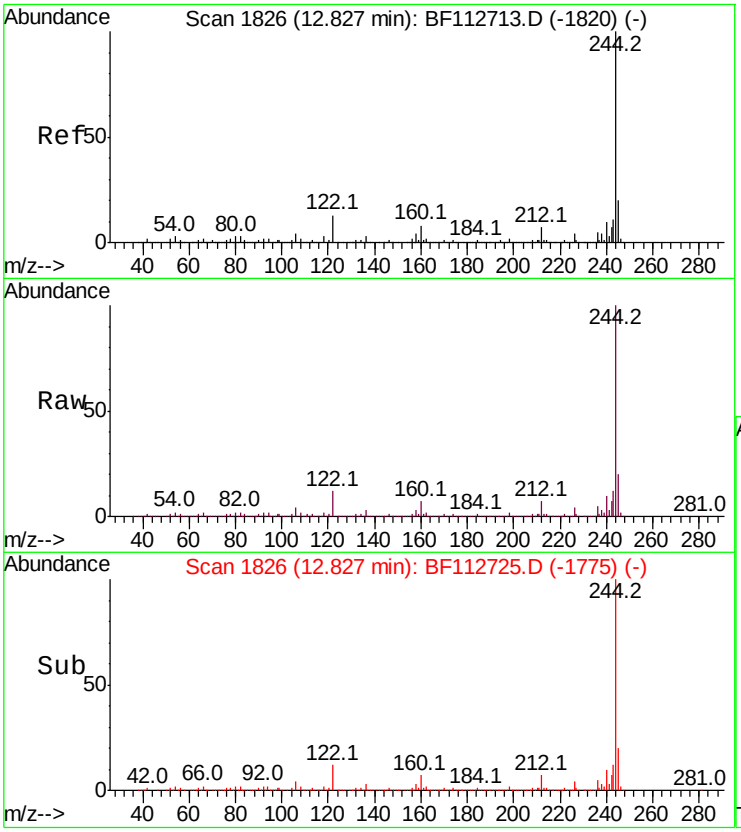


#78
Pyrene
Concen: 2.061 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:202 Resp: 90241

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.4
203	19.4	14.4	21.6



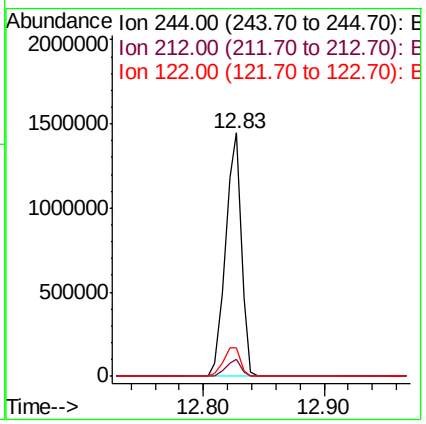


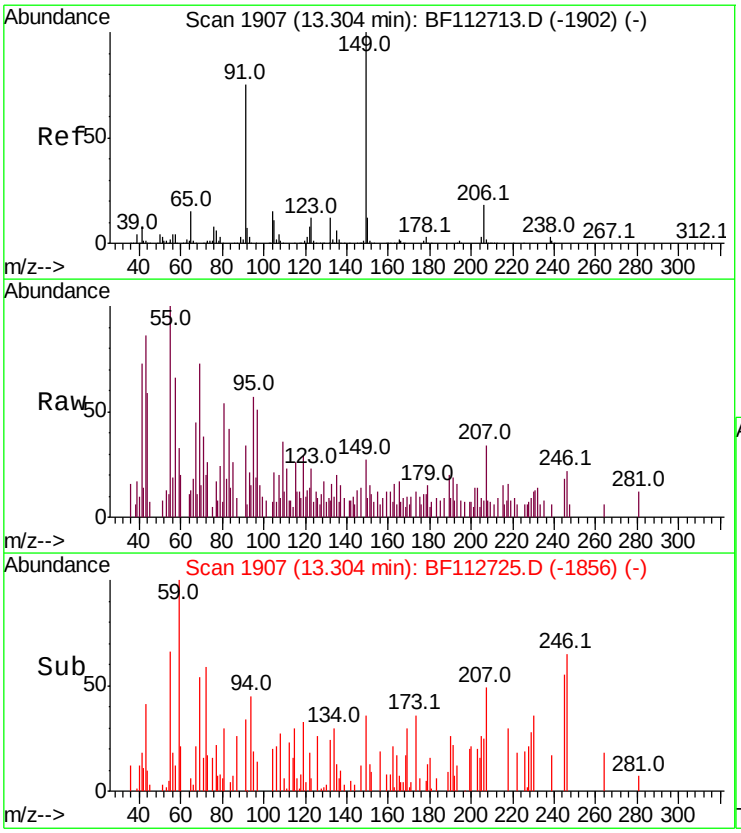
#79
Terphenyl-d14
Concen: 48.806 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:244 Resp: 1307765

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.8	10.5	15.7

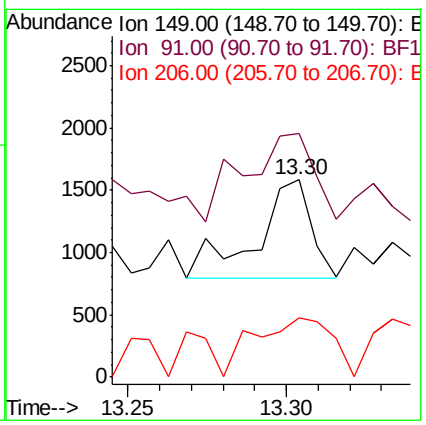


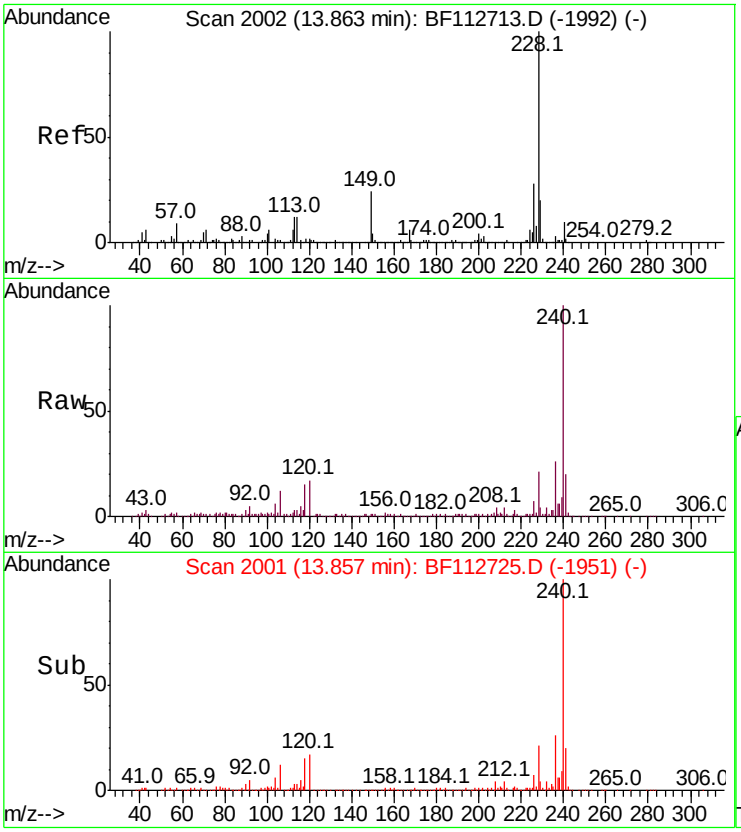


#80
Butylbenzylphthalate
Concen: 0.049 ng
RT: 13.30 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:149 Resp: 945

Ion	Ratio	Lower	Upper
149	100		
91	123.3	59.9	89.9#
206	30.2	14.7	22.1#



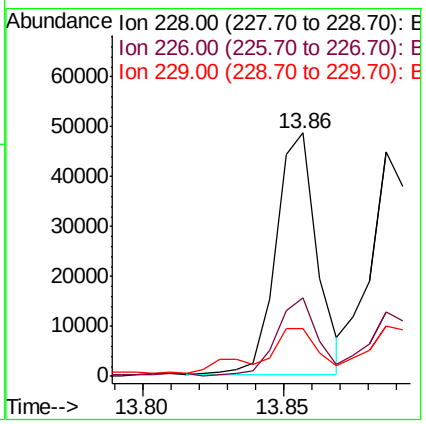


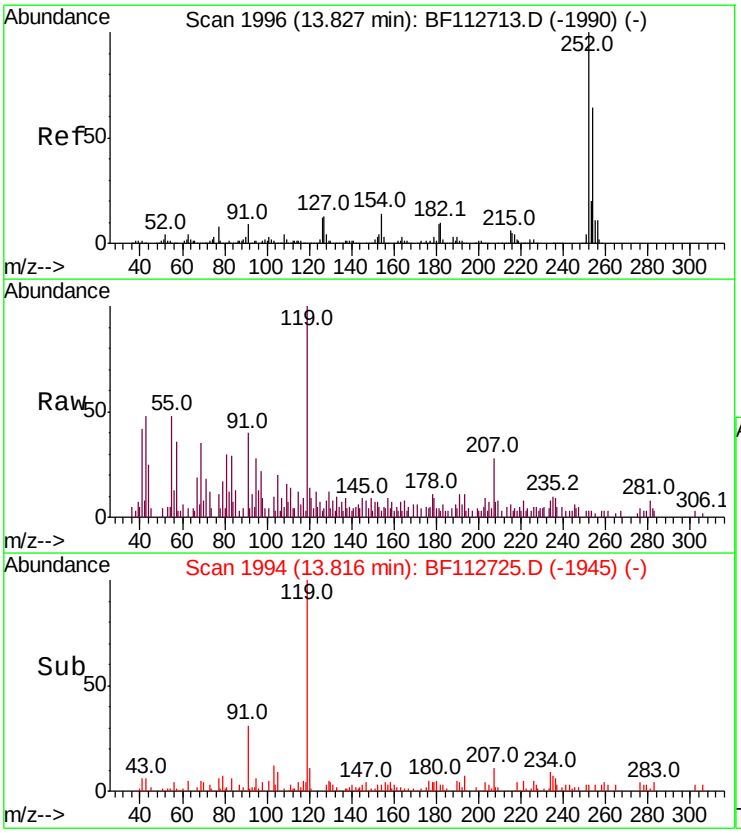
#81
Benzo(a)anthracene
Concen: 1.350 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:228 Resp: 48617

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.2	33.4
229	19.8	16.0	24.0

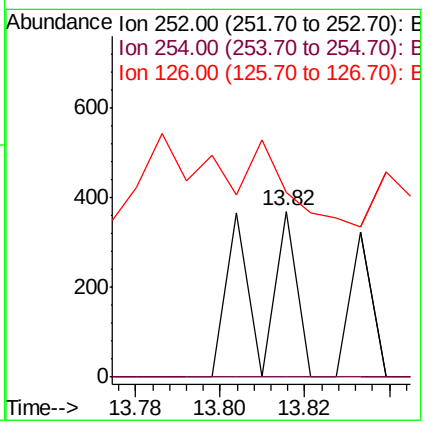


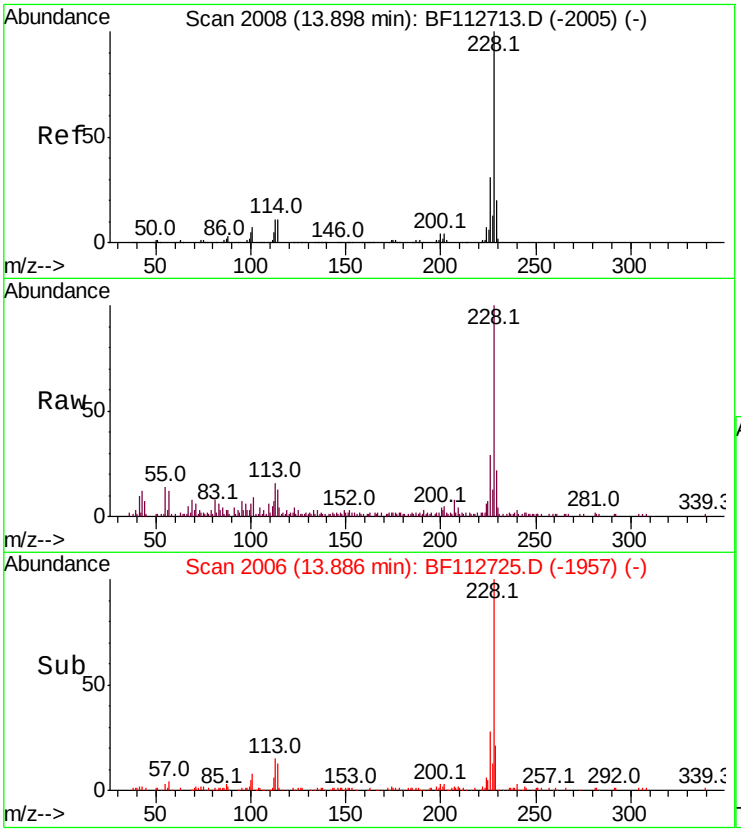


#82
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:252 Resp: 259

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.1	76.7#
126	111.7	9.9	14.9#



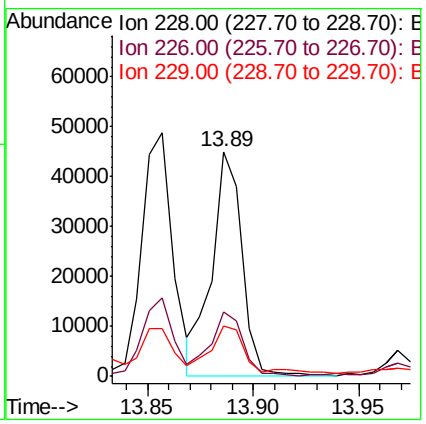


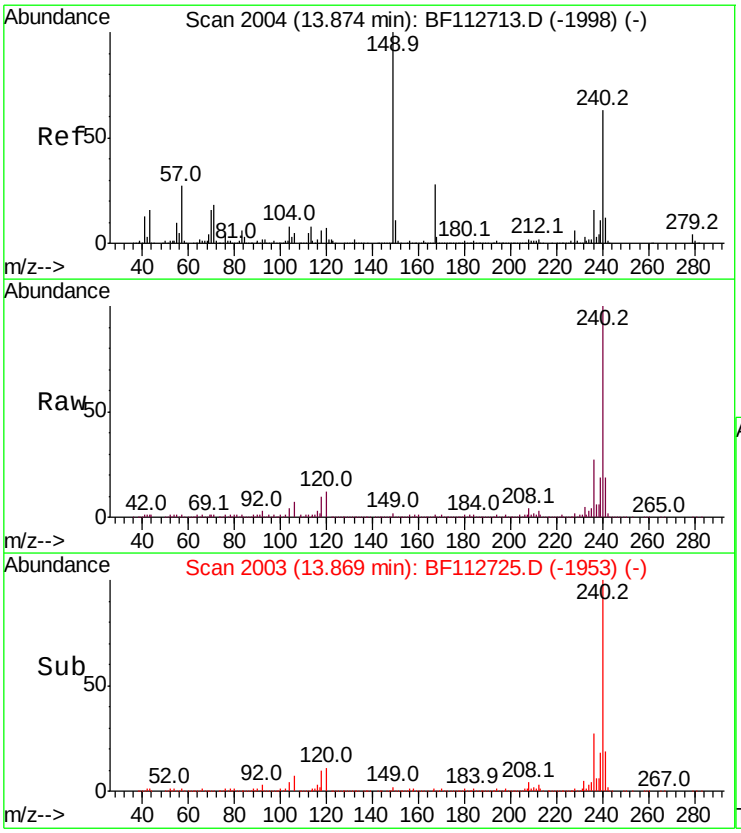
#83
Chrysene
Concen: 1.280 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:228 Resp: 45124

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	22.3	16.3	24.5

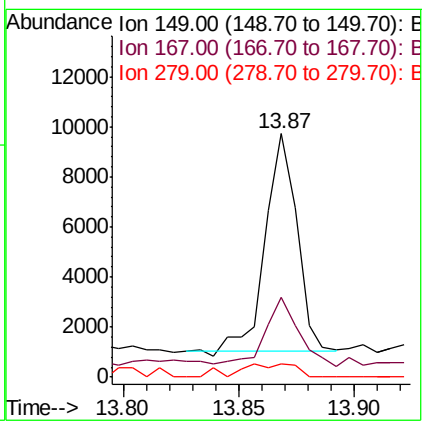


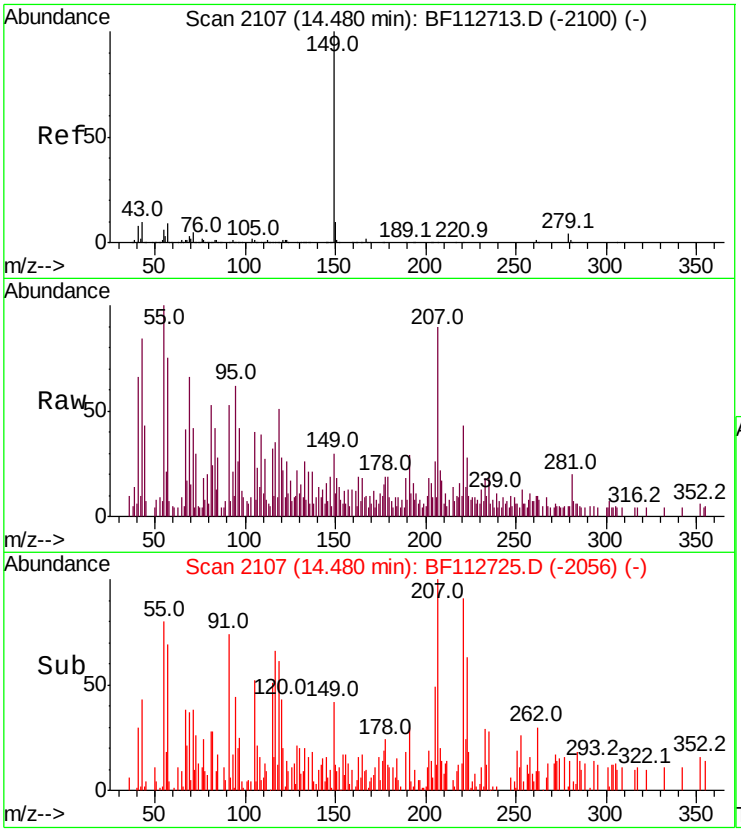


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:149 Resp: 8175

Ion	Ratio	Lower	Upper
149	100		
167	32.9	22.4	33.6
279	5.3	3.3	4.9#



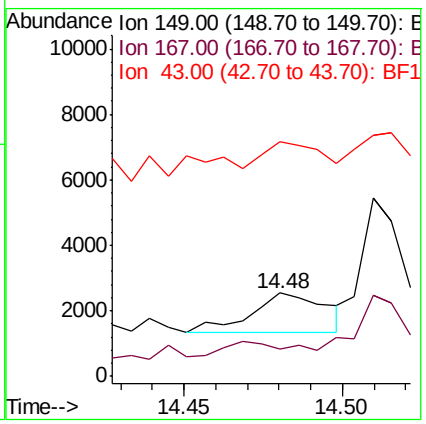


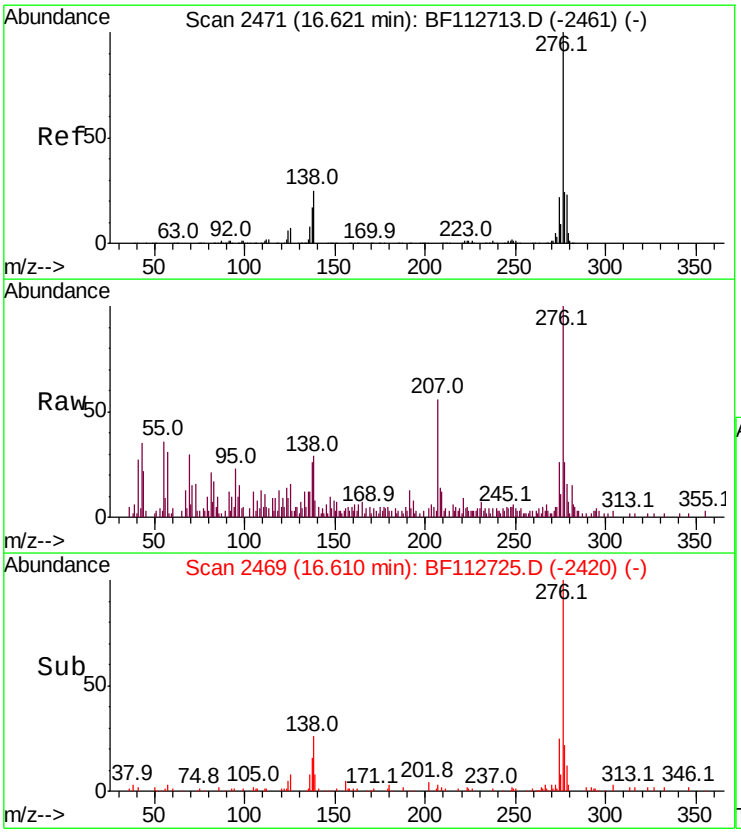
#85
Di-n-octyl phthalate
Concen: 0.050 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:149 Resp: 1950

Ion	Ratio	Lower	Upper
149	100		
167	23.7	1.2	1.8#
43	49.6	9.0	13.4#

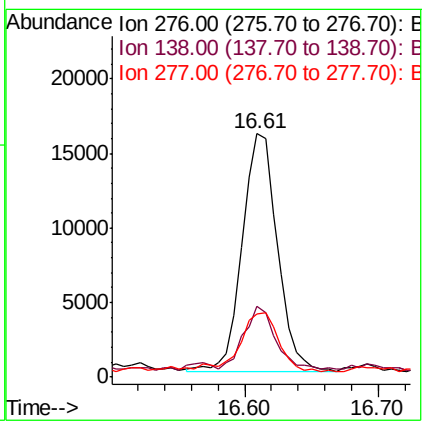


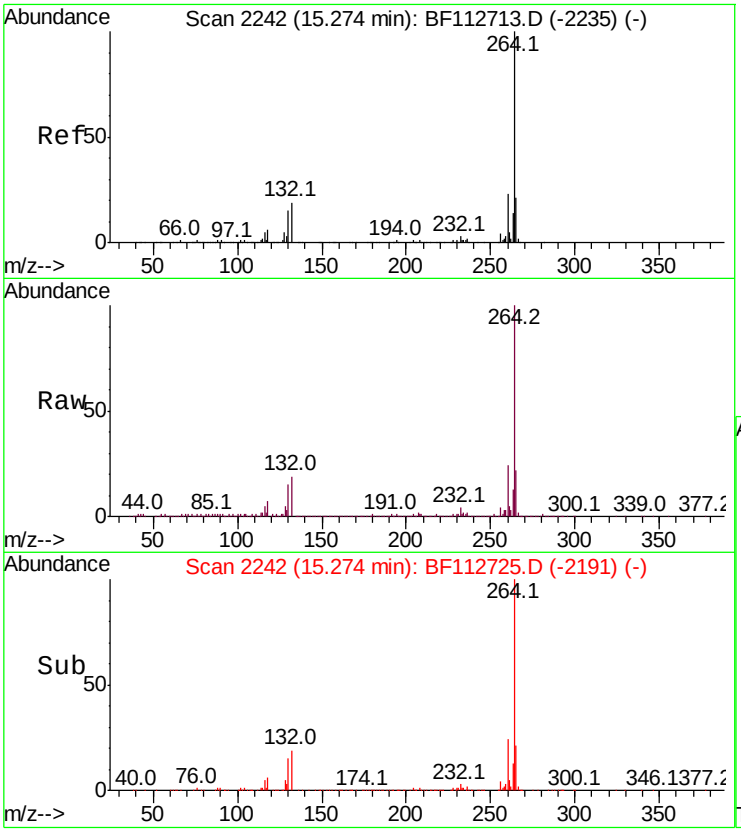


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.960 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:276 Resp: 28866

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.2	34.8
277	27.3	19.9	29.9



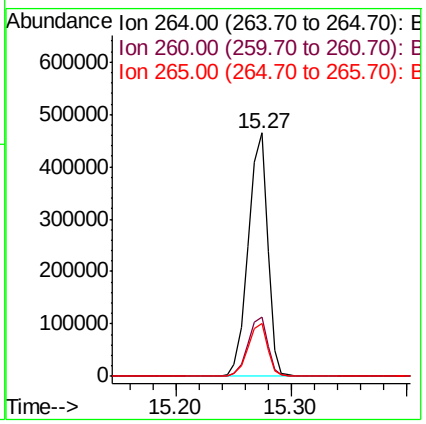


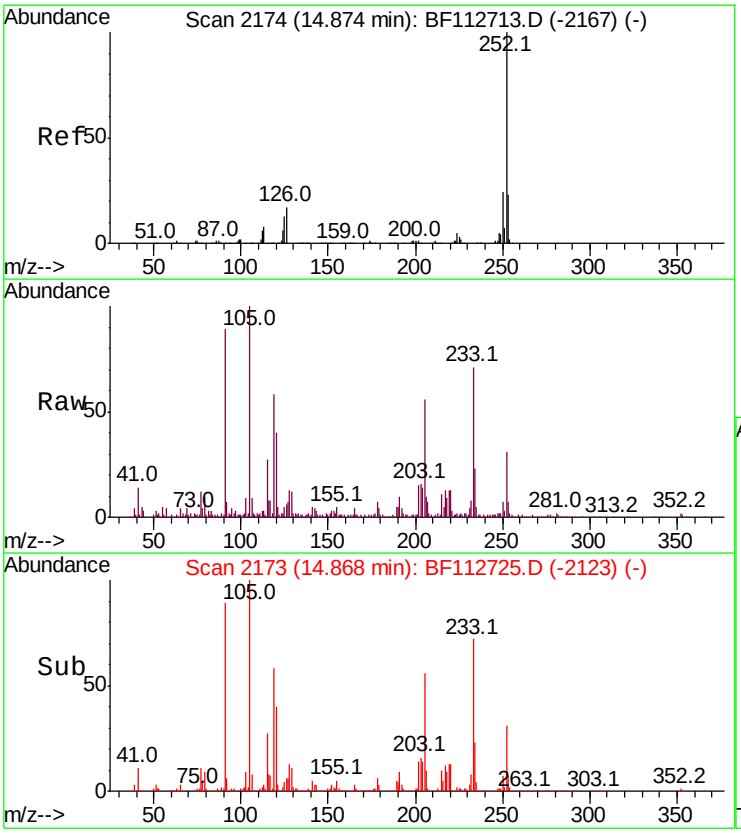
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:264 Resp: 545242

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.2	25.8

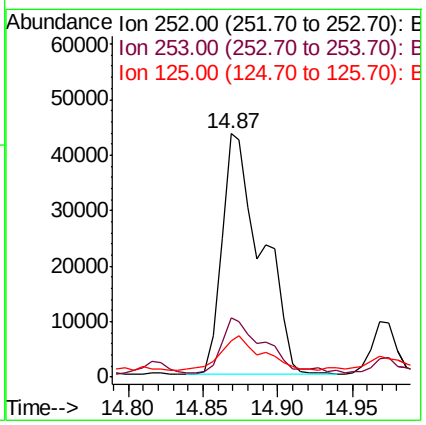


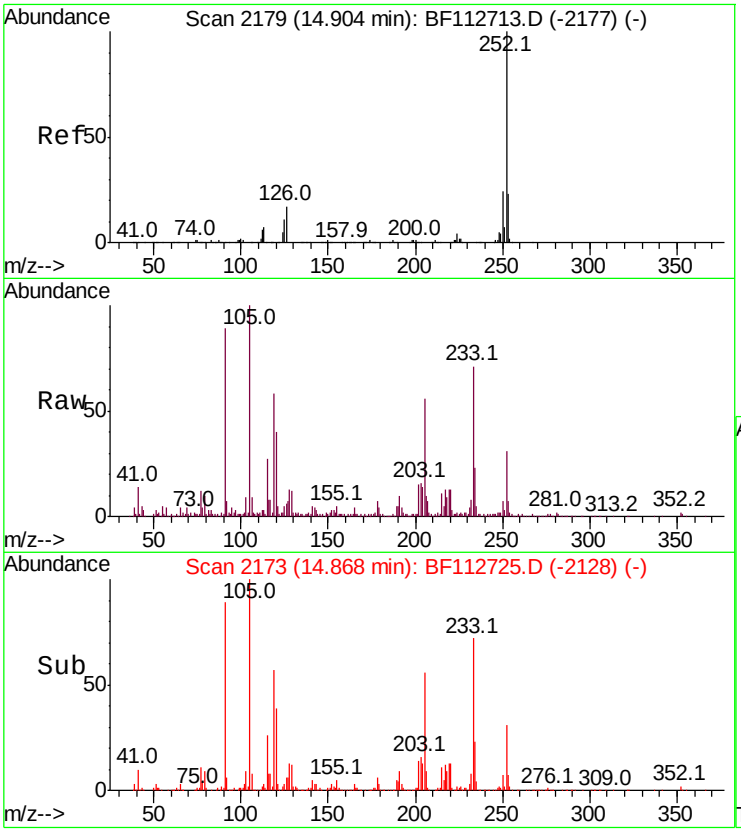


#88
Benzo(b)fluoranthene
Concen: 2.285 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:252 Resp: 80601

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	14.9	10.2	15.2



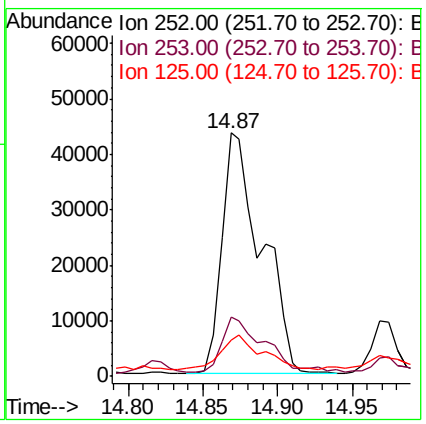


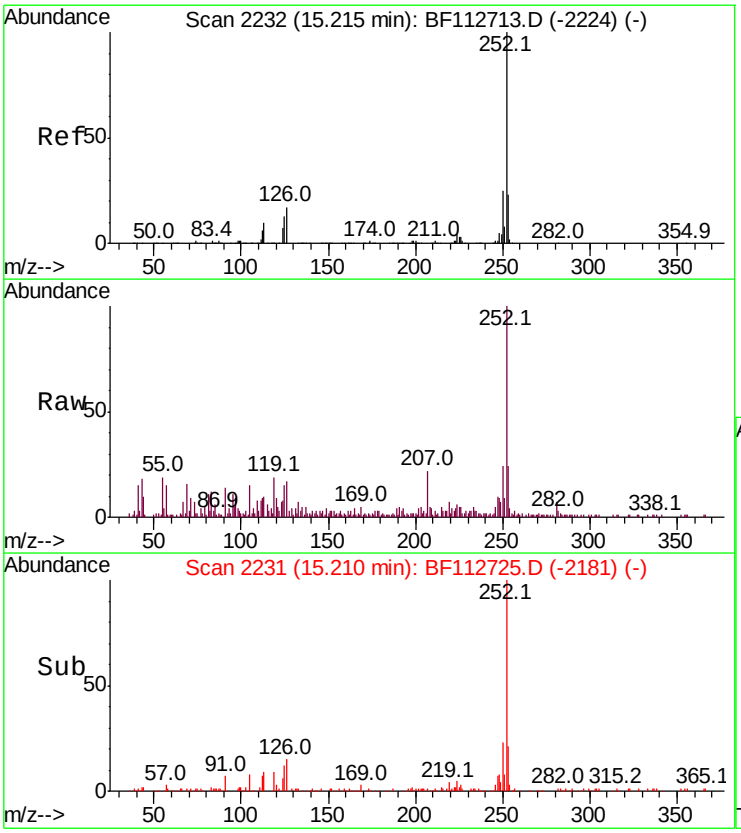
#89
Benzo(k)fluoranthene
Concen: 2.523 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:252 Resp: 80601

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	14.9	9.8	14.6#

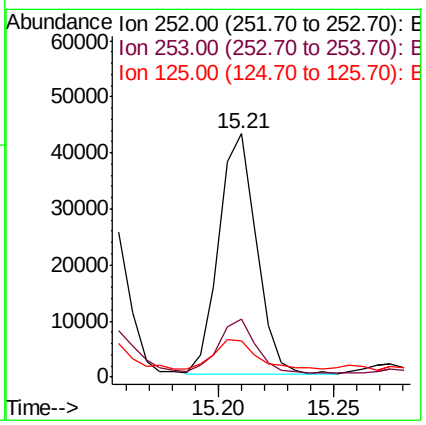


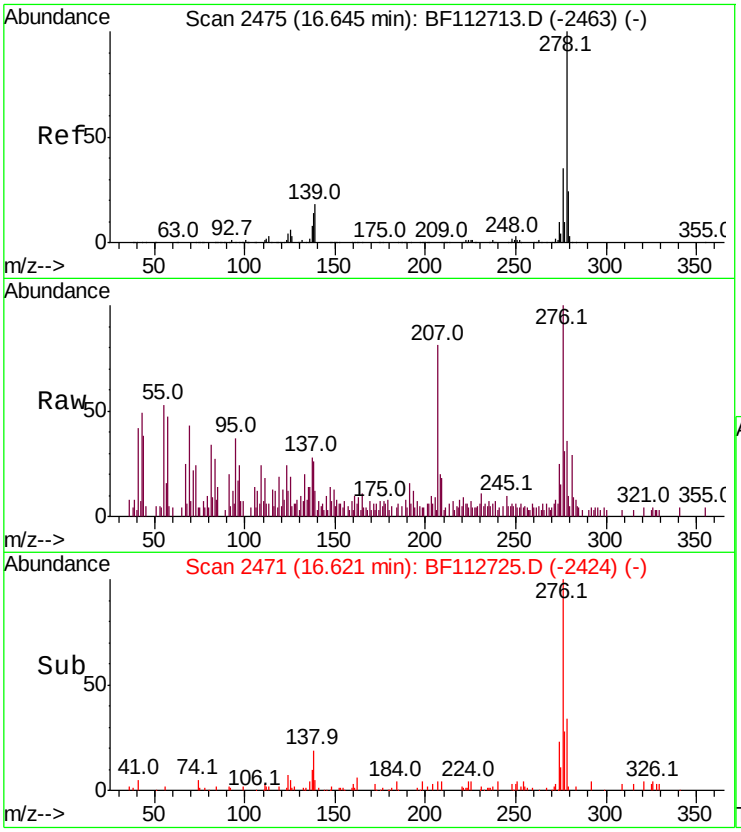


#90
Benzo(a)pyrene
Concen: 1.549 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:252 Resp: 48332

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	14.7	10.7	16.1



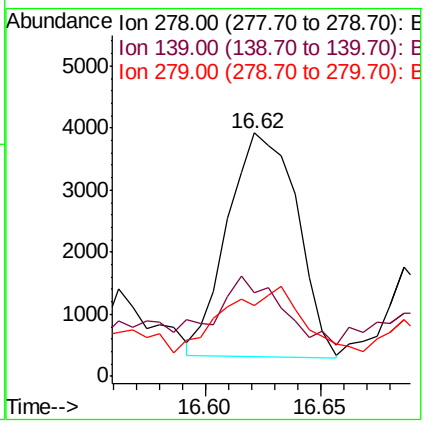


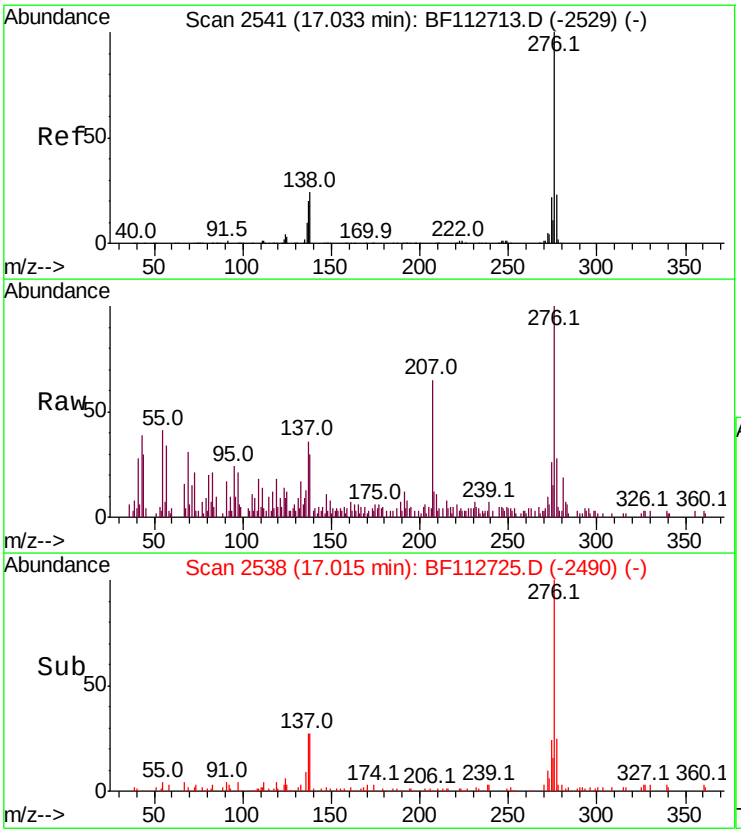
#91
Dibenzo(a,h)anthracene
Concen: 0.283 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-02-(2-5)

Tgt Ion:278 Resp: 7534

Ion	Ratio	Lower	Upper
278	100		
139	34.1	14.3	21.5#
279	29.1	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 1.139 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF112725.D
Acq: 27 Feb 2019 18:03

Tgt Ion:276 Resp: 30445

Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.6	27.8#
138	29.6	19.4	29.0#