Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108802.D
Acq On : 6 Sep 2018 4:00
Operator : JU/SJ
Sample : J4782-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:32:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	245639	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	850874	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	345593	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	638737	20.00	ng		0.00
75) Chrysene-d12	13.87	240	620870	20.00	ng		0.00
86) Perylene-d12	15.27	264	486044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	861862	58.13	ng		0.00
7) Phenol-d6	6.37	99	1129366	59.20	ng		0.00
23) Nitrobenzene-d5	7.29	82	611394	44.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	224215	67.96	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1072030	52.92	ng		0.00
78) Terphenyl-d14	12.82	244	1086139	40.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	98	0.014	ng	#	1
3) Pyridine	3.27	79	111	0.006	ng	#	1
4) n-Nitrosodimethylamine	3.10	42	937	0.125	ng	#	1
6) Aniline	6.37	93	299	0.012	ng	#	1
8) 2-Chlorophenol	6.52	128	359	0.022	ng	#	9
9) Benzaldehyde	6.37	77	2220	0.164	ng	#	1
10) Phenol	6.37	94	14449	0.661	ng	#	66
11) bis(2-Chloroethyl)ether	6.50	93	1554	0.089	ng	#	1
15) Benzyl Alcohol	6.89	79	10842	0.741	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.28	45	240	0.009	ng	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	82444	6.217	ng	#	78
22) Acetophenone	7.14	105	375	0.019	ng	#	1
24) Nitrobenzene	7.29	77	2144	0.147	ng	#	35
25) Isophorone	7.29	82	608277	22.429	ng	#	64
28) bis(2-Chloroethoxy)methane	8.02	93	110	0.006	ng	#	1
31) Naphthalene	8.04	128	136	0.004	ng	#	68
32) Benzoic acid	8.02	122	276	4.055	ng	#	1
35) Caprolactam	8.41	113	112	0.027	ng	#	53
45) 1,1'-Biphenyl	9.19	154	1689	0.063	ng		89
46) 2-Chloronaphthalene	9.48	162	2213	0.103	ng	#	1
47) 2-Nitroaniline	9.21	65	296	0.050	ng	#	2
48) Acenaphthylene	9.62	152	1422	0.044	ng	#	60
49) Dimethylphthalate	9.48	163	309733	12.814	ng		99
50) 2,6-Dinitrotoluene	9.48	165	3483	0.756	ng	#	10
51) Acenaphthene	9.80	154	117	0.006	ng	#	75
56) 2,4-Dinitrotoluene	9.77	165	44901	7.623	ng	#	24
57) Fluorene	10.54	166	10582	0.570	ng	#	93
59) Diethylphthalate	10.18	149	2803	0.112	ng	#	93
62) Azobenzene	10.54	77	1407	0.055	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.55	198	544	7.054	ng	#	1
65) n-Nitrosodiphenylamine	10.54	169	7085	0.334	ng	#	44
66) 4-Bromophenyl-phenylether	10.55	248	13542	1.877	ng	#	1
70) Phenanthrene	11.26	178	2148	0.070	ng		96
71) Anthracene	11.26	178	2148	0.074	ng		96

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108802.D
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Operator : JU/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 05:32:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.46	167	528	0.017	ng	#	59
73) Di-n-butylphthalate	11.81	149	2345	0.069	ng	#	77
74) Fluoranthene	12.44	202	4739	0.157	ng		95
76) Benzidine	12.82	184	13853	0.471	ng		97
77) Pyrene	12.44	202	4739	0.099	ng		96
79) Butylbenzylphthalate	13.30	149	776	0.036	ng	#	62
80) Benzo(a)anthracene	13.86	228	5408	0.136	ng	#	46
81) 3,3'-Dichlorobenzidine	13.82	252	107	0.007	ng	#	1
82) Chrysene	13.92	228	521	0.014	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.87	149	5474	0.202	ng	#	92
84) Di-n-octyl phthalate	14.47	149	738	0.016	ng	#	55
85) Indeno(1,2,3-cd)pyrene	16.61	276	1662	0.049	ng	#	83
87) Benzo(b)fluoranthene	14.87	252	4045	0.153	ng	#	1
88) Benzo(k)fluoranthene	14.92	252	169	0.007	ng	#	1
89) Benzo(a)pyrene	15.21	252	2021	0.085	ng	#	1
90) Dibenzo(a,h)anthracene	16.64	278	261	0.012	ng	#	1
91) Benzo(g,h,i)perylene	17.02	276	3393	0.161	ng	#	56

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

Quantitation Report (Not Reviewed)

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Acq On : 6 Sep 2018 4:00
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Sample : J4782-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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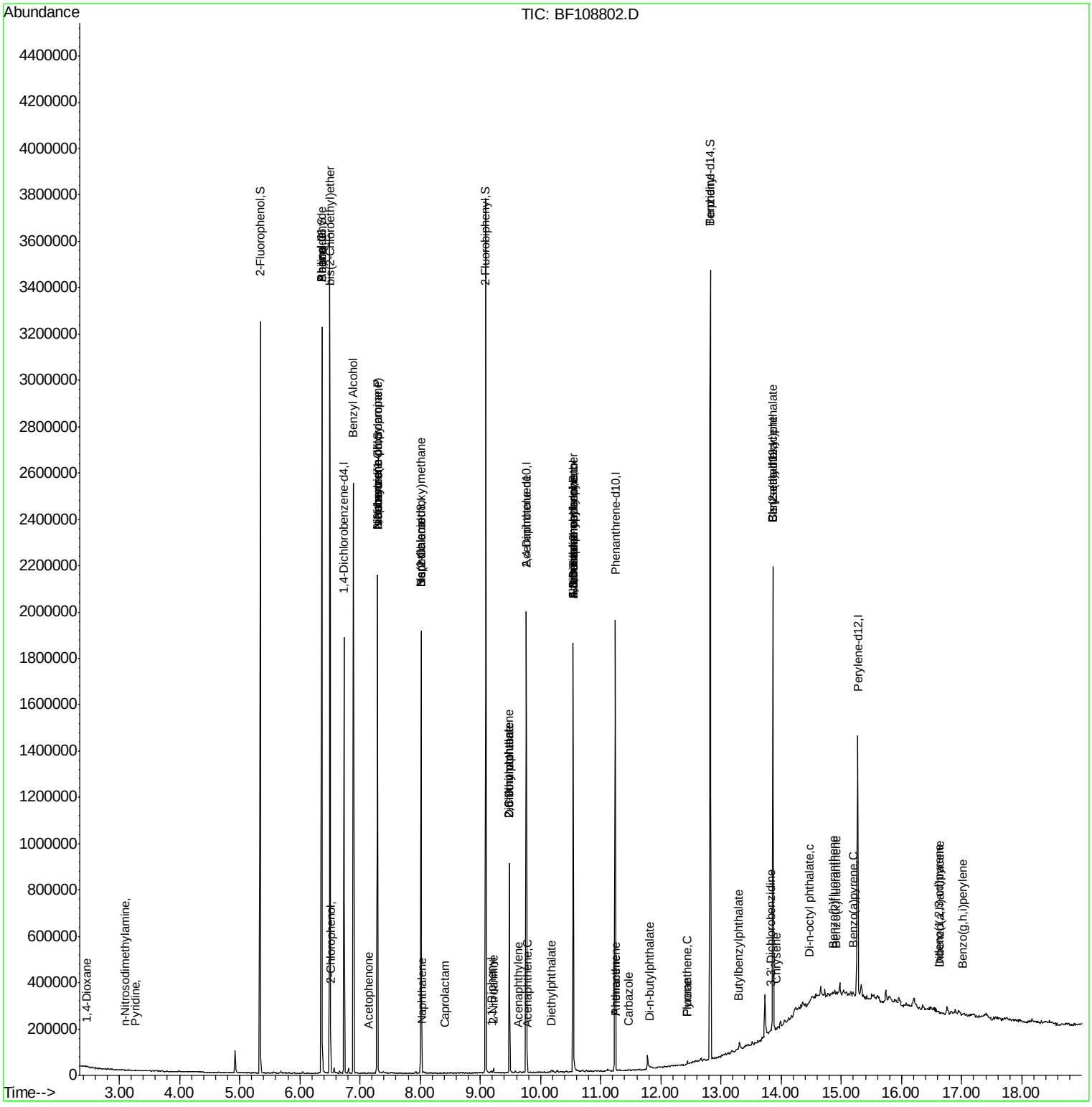
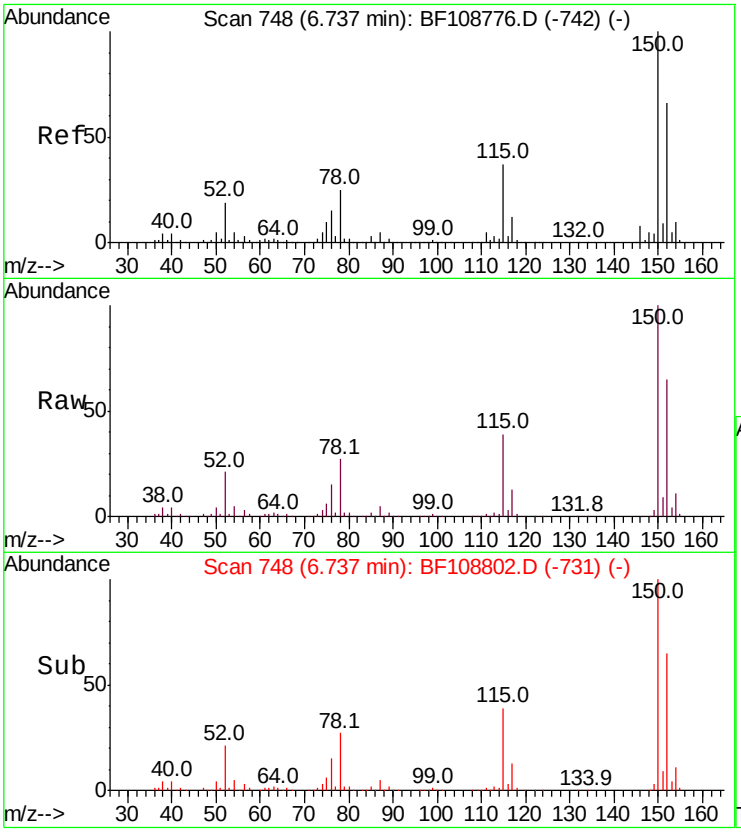
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



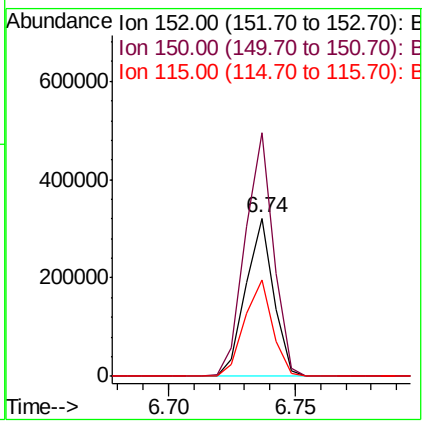


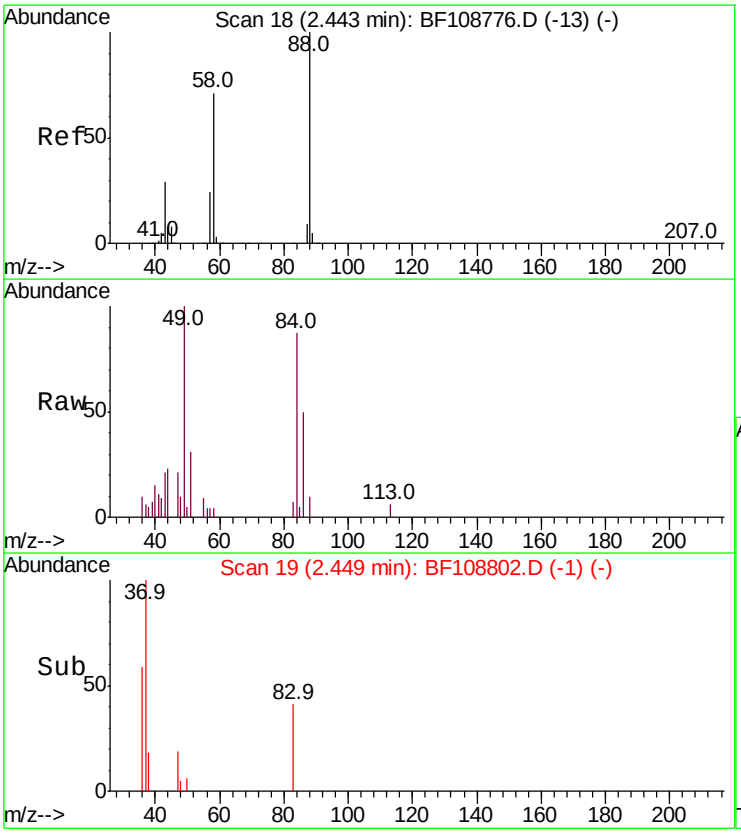
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 245639

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.6	50.1	75.1

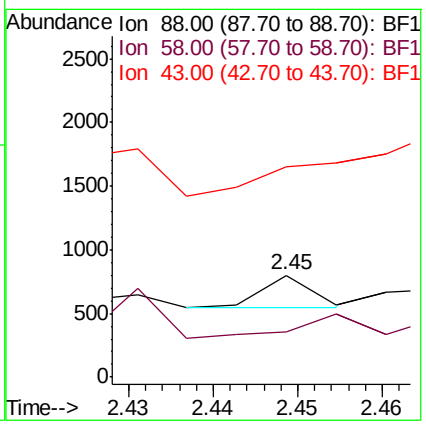


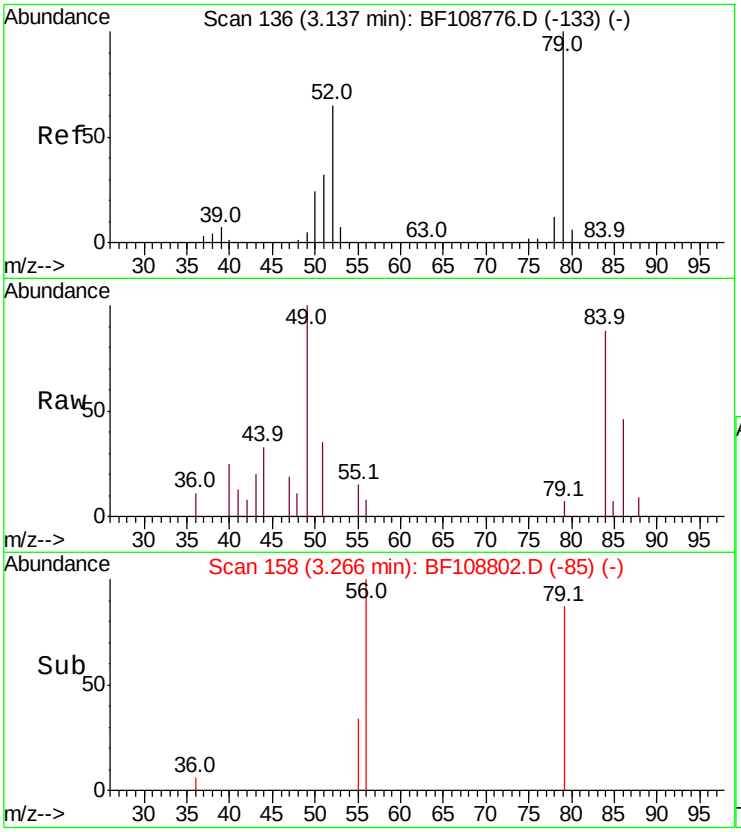


#2
1,4-Dioxane
Concen: 0.014 ng
RT: 2.45 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
58	606.1	62.6	93.8#
43	0.0	24.6	37.0#



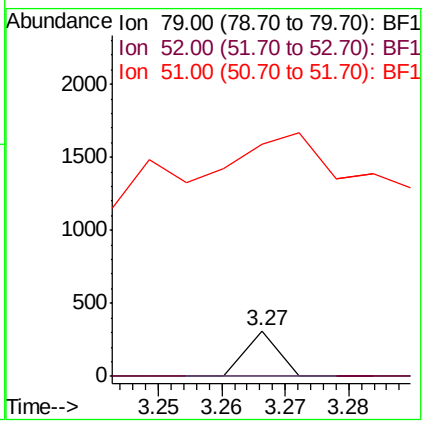


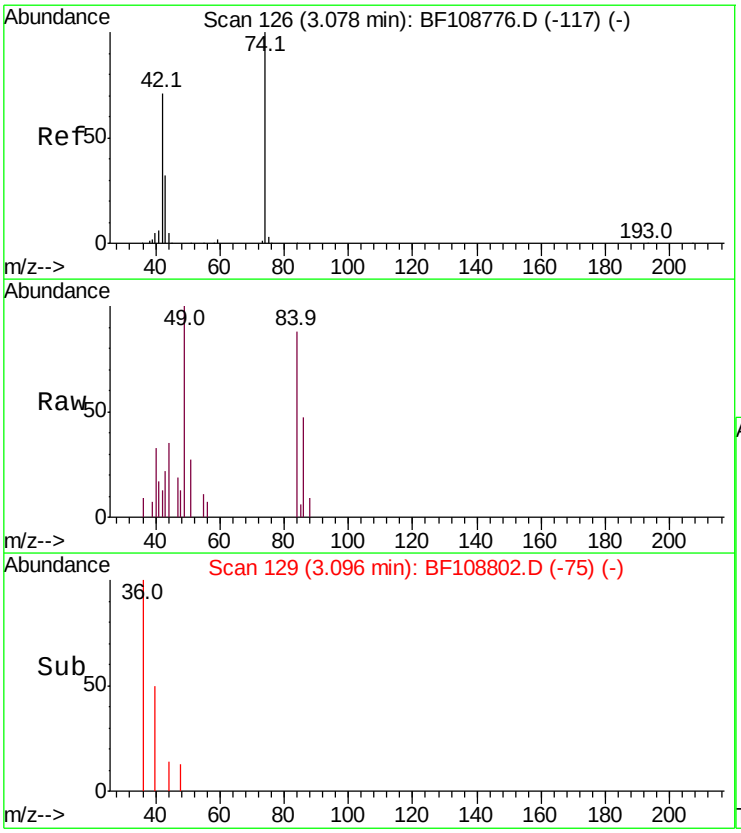
#3
Pyridine
Concen: 0.006 ng
RT: 3.27 min Scan# 158
Delta R.T. 0.13 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 111

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	505.4	29.8	44.8#

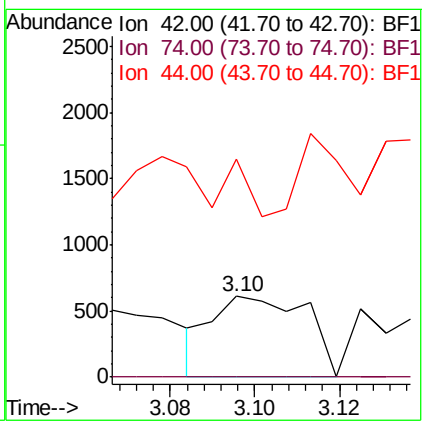


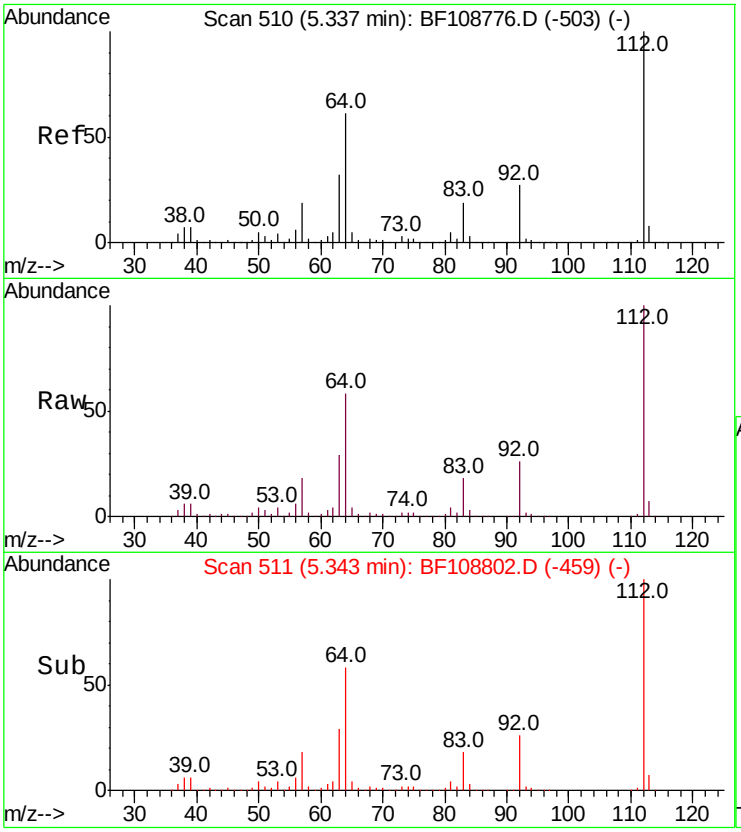


#4
n-Nitrosodimethylamine
Concen: 0.125 ng
RT: 3.10 min Scan# 129
Delta R.T. 0.02 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 42 Resp: 937

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	269.5	6.9	10.3#



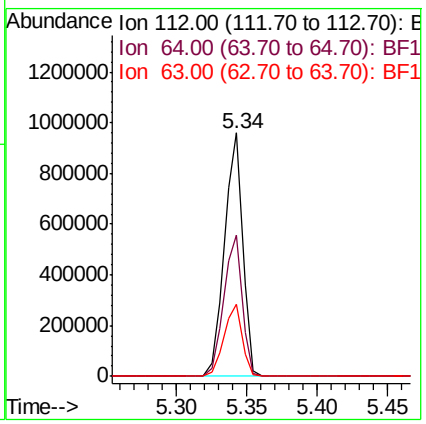


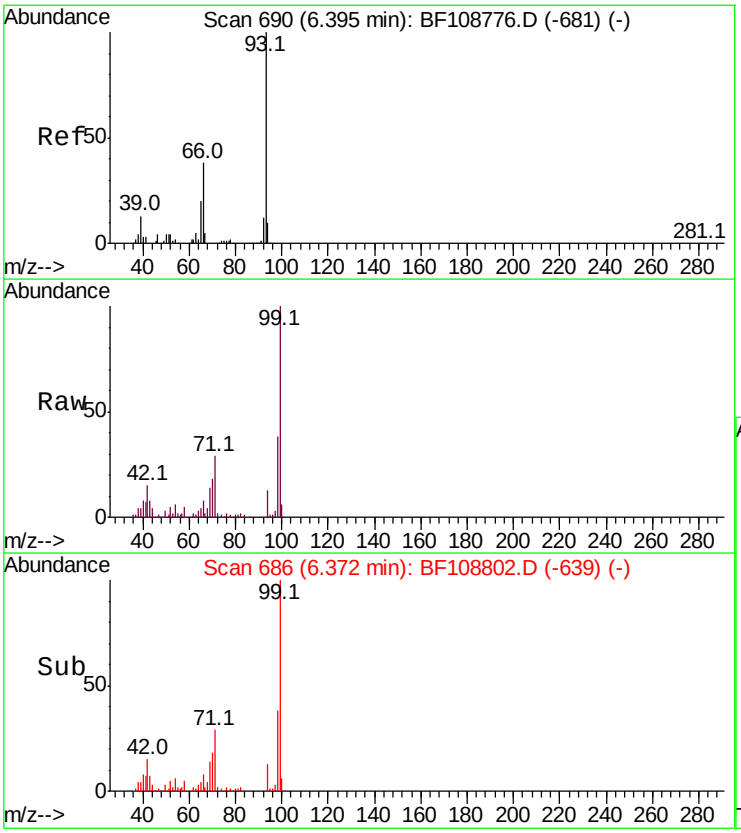
#5
2-Fluorophenol
Concen: 58.127 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 861862

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.5	23.7	35.5

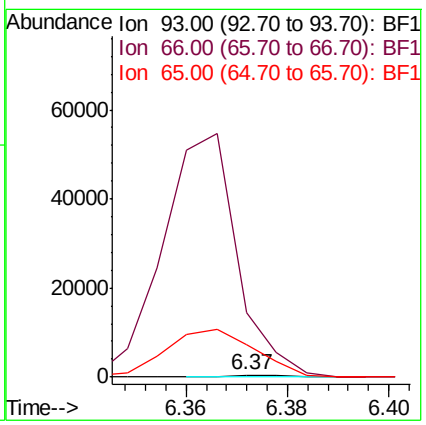


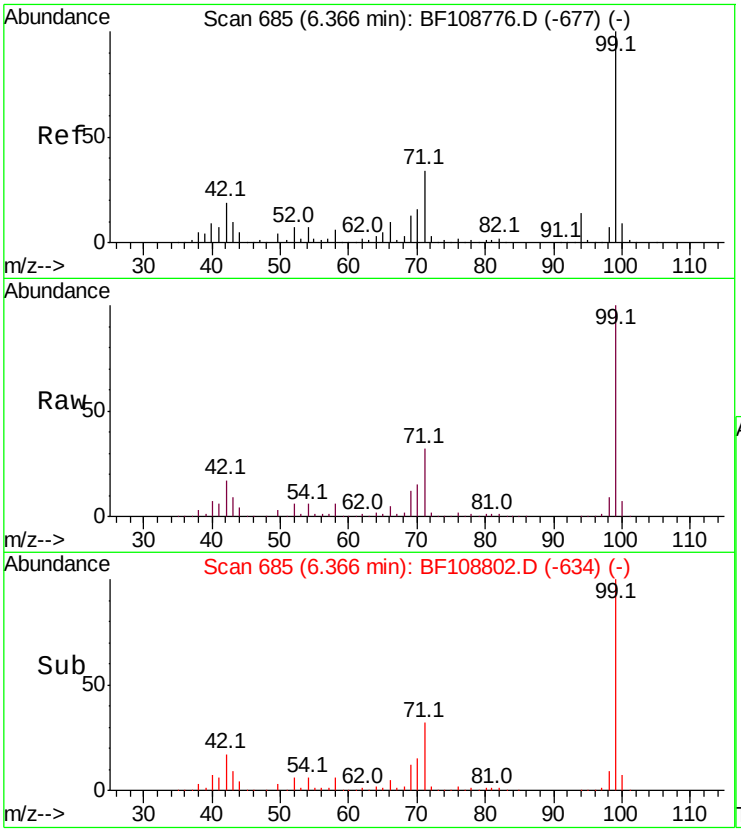


#6
Aniline
Concen: 0.012 ng
RT: 6.37 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 93 Resp: 299

Ion	Ratio	Lower	Upper
93	100		
66	3211.6	32.2	48.2#
65	1627.8	16.4	24.6#



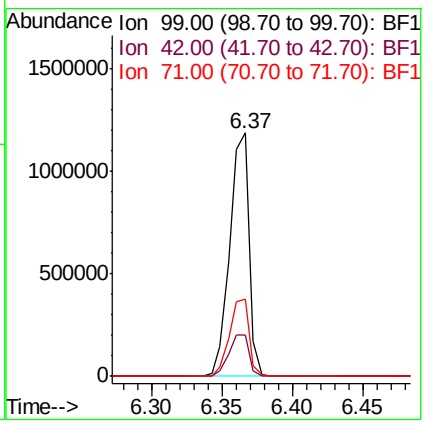


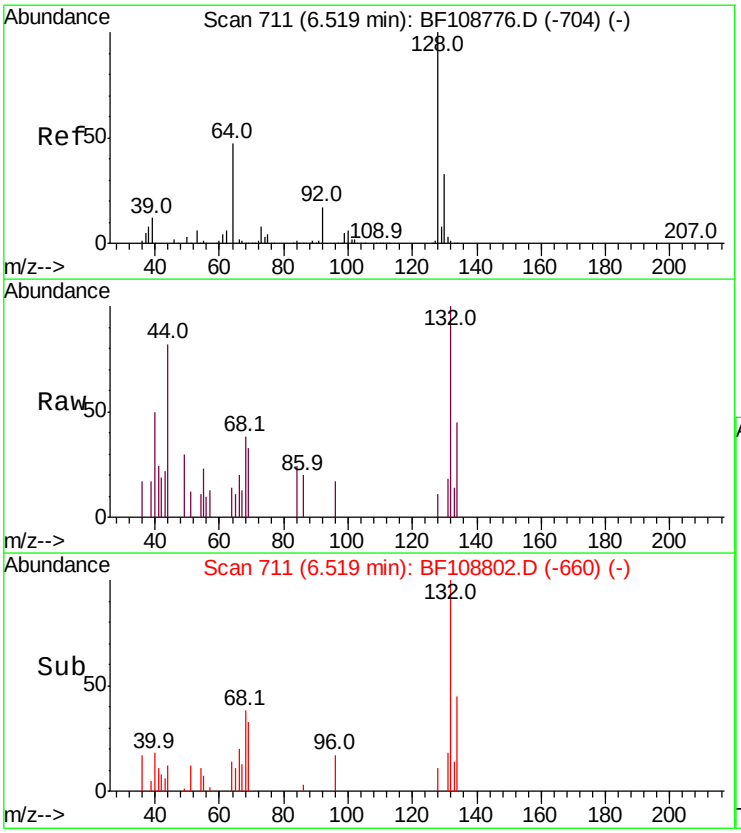
#7
Phenol-d6
Concen: 59.198 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1129366

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.5	21.7
71	31.7	25.4	38.0

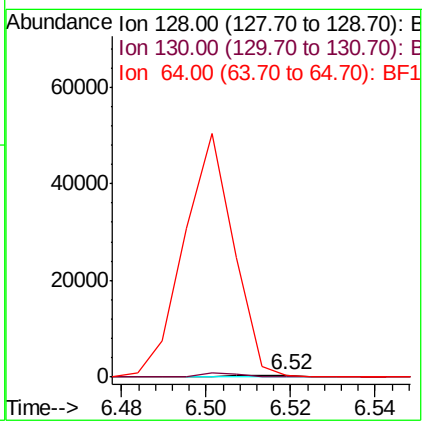


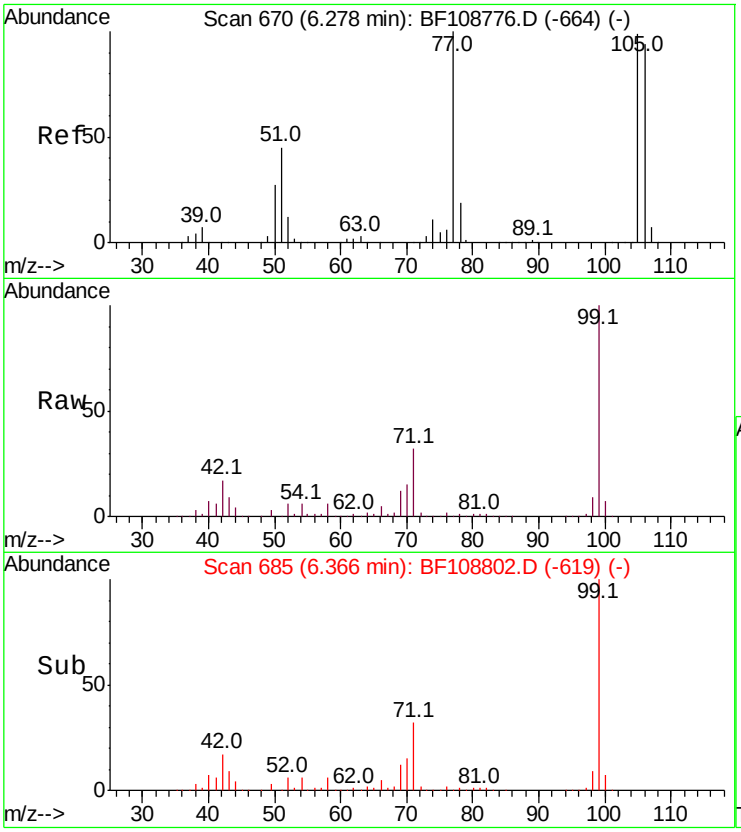


#8
2-Chlorophenol
Concen: 0.022 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:128 Resp: 359

Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.0	53.0#
64	126.1	29.4	69.4#



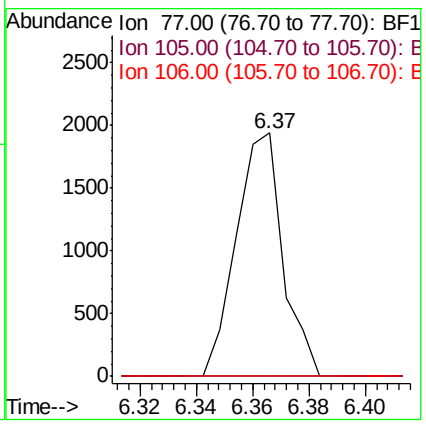


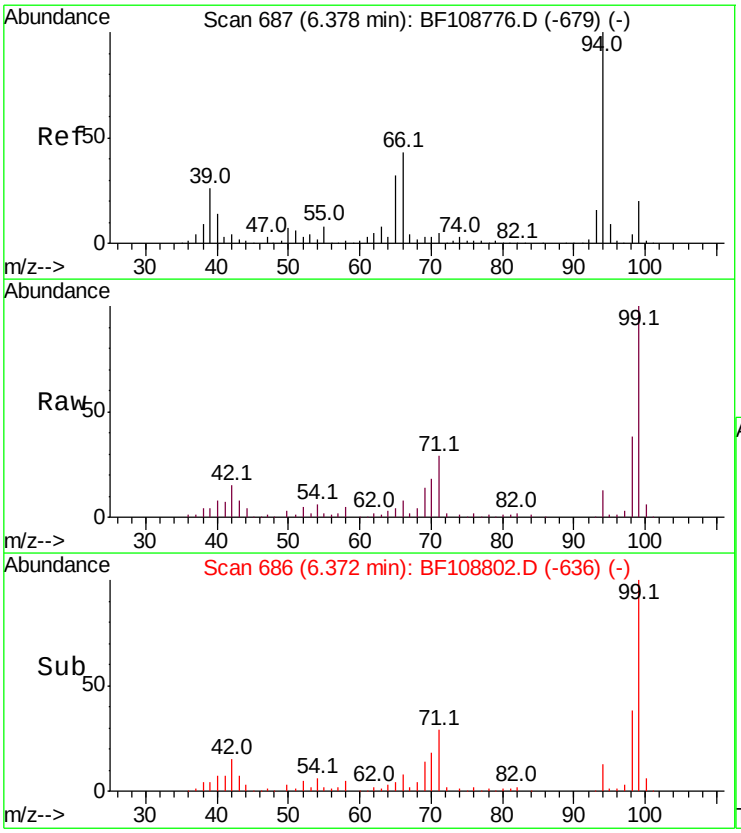
#9
Benzaldehyde
Concen: 0.164 ng
RT: 6.37 min Scan# 685
Delta R.T. 0.09 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2220

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.1	121.1#
106	0.0	74.5	114.5#

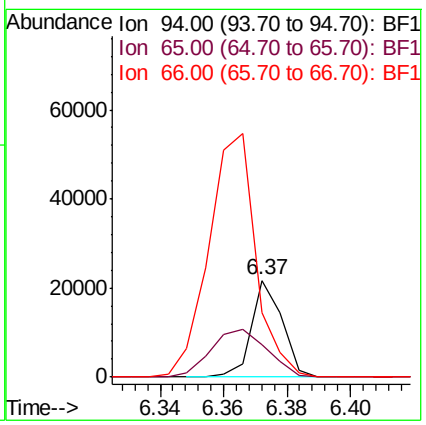


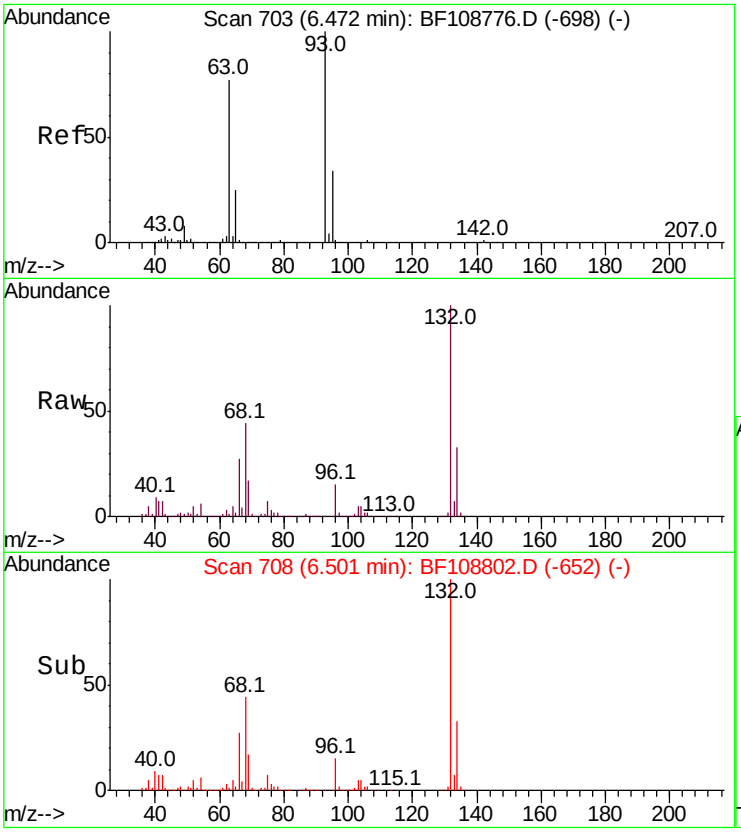


#10
Phenol
Concen: 0.661 ng
RT: 6.37 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 94 Resp: 14449

Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.9	47.9
66	66.5	16.2	56.2#



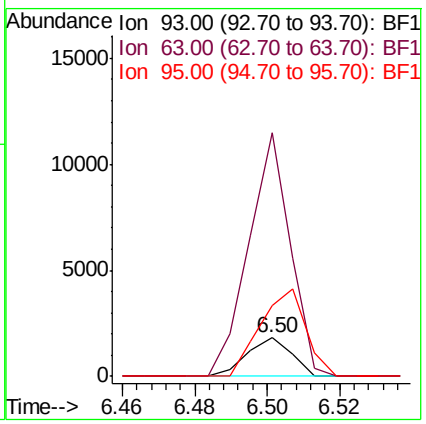


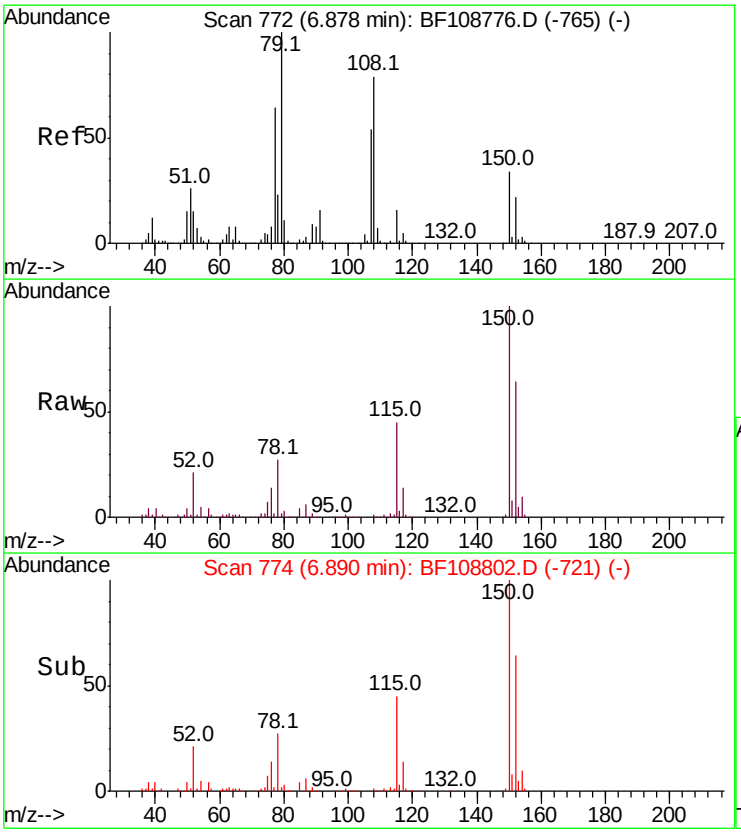
#11
bis(2-Chloroethyl)ether
Concen: 0.089 ng
RT: 6.50 min Scan# 708
Delta R.T. 0.03 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1554

Ion	Ratio	Lower	Upper
93	100		
63	633.8	58.6	98.6#
95	185.7	11.8	51.8#

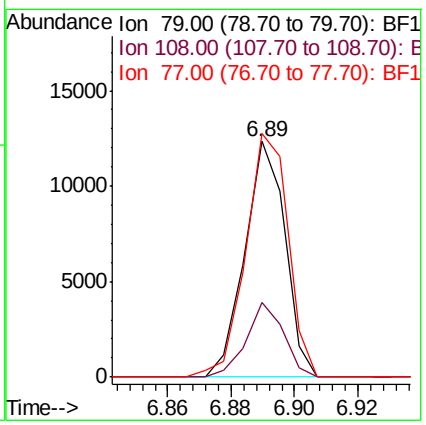


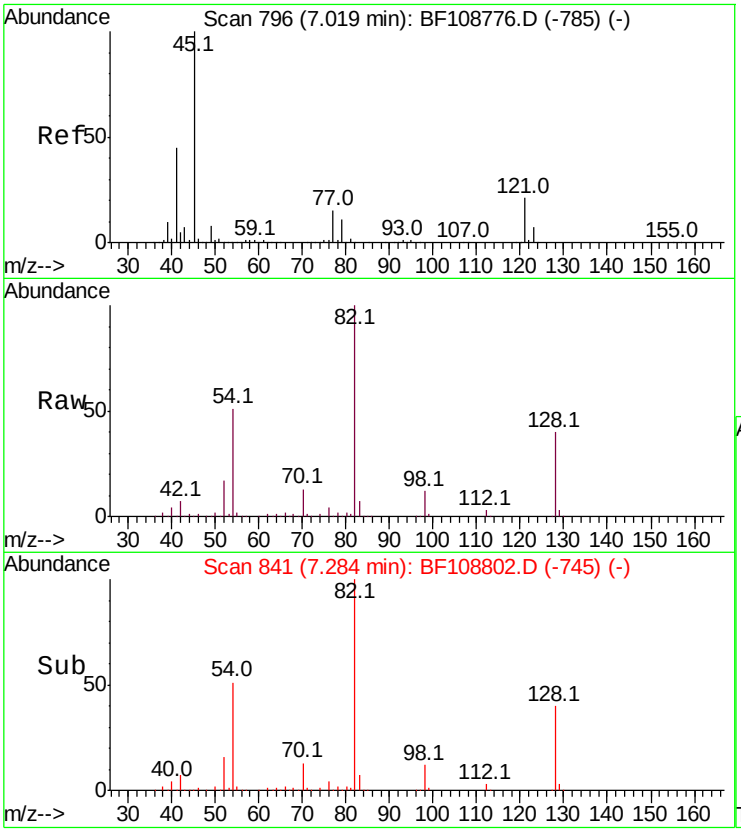


#15
Benzyl Alcohol
Concen: 0.741 ng
RT: 6.89 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 79 Resp: 10842

Ion	Ratio	Lower	Upper
79	100		
108	31.4	65.1	97.7#
77	103.4	50.6	75.8#



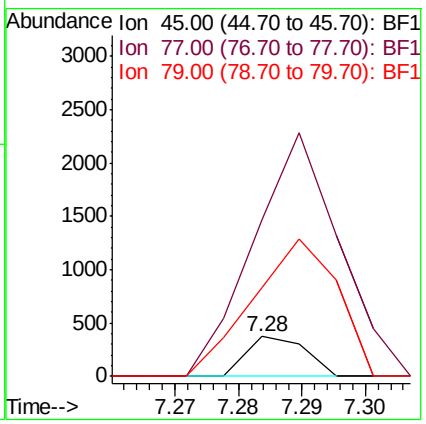


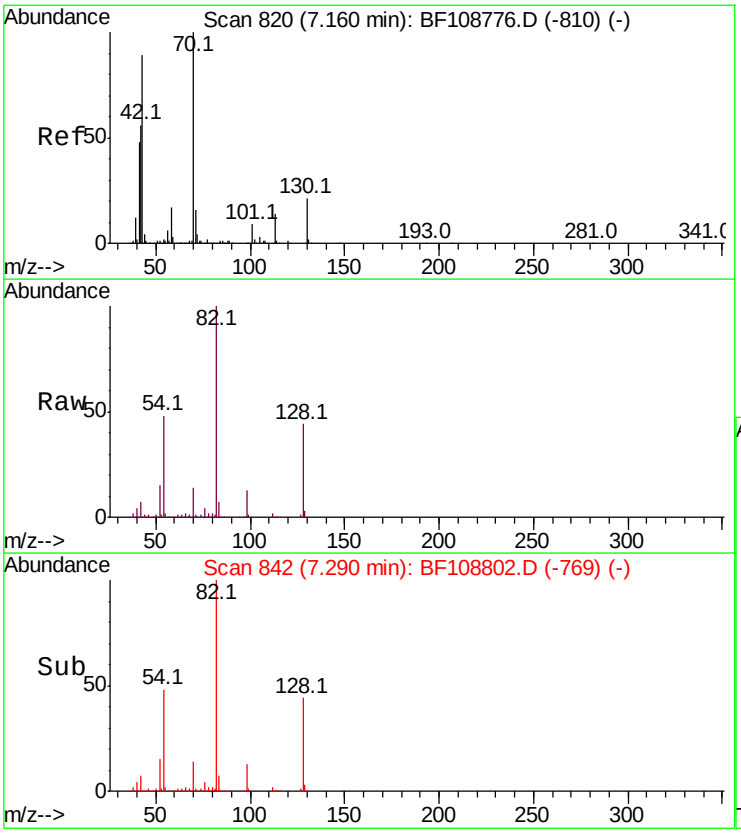
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.26 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 240

Ion	Ratio	Lower	Upper
45	100		
77	393.8	0.0	32.9#
79	224.7	0.0	29.6#

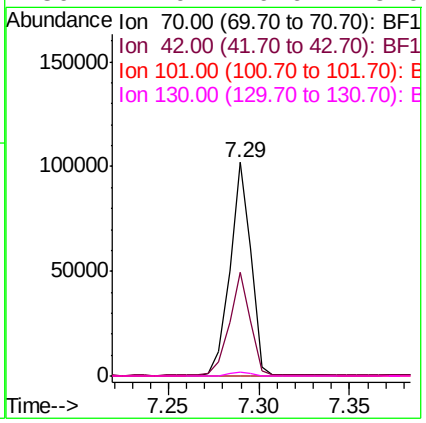


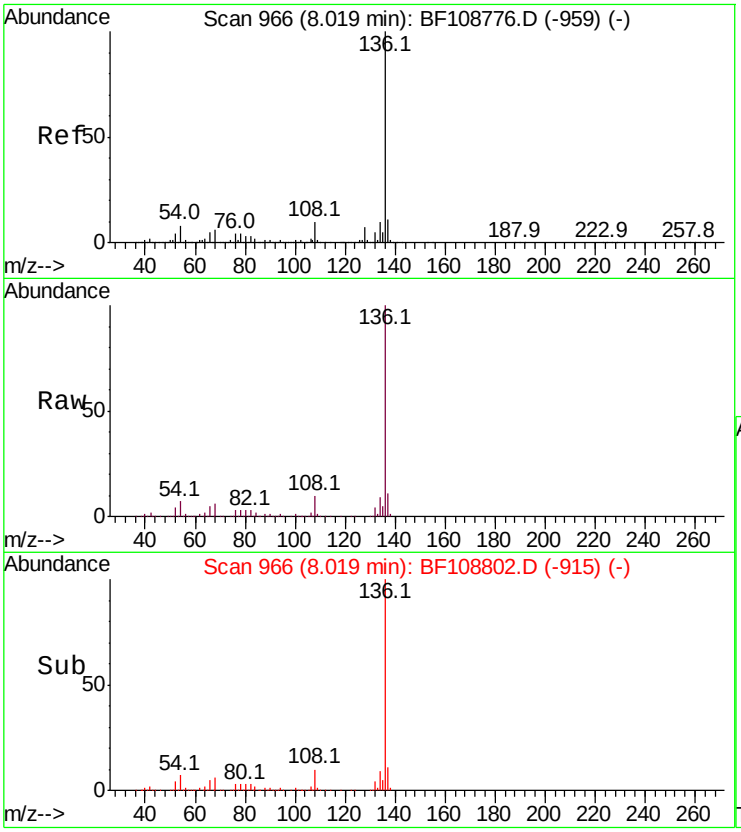


#19
n-Nitroso-di-n-propylamine
Concen: 6.217 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 70 Resp: 82444

Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



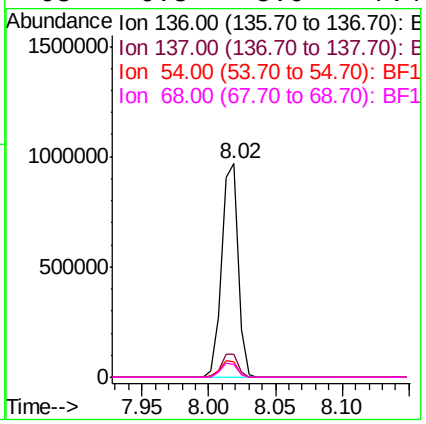


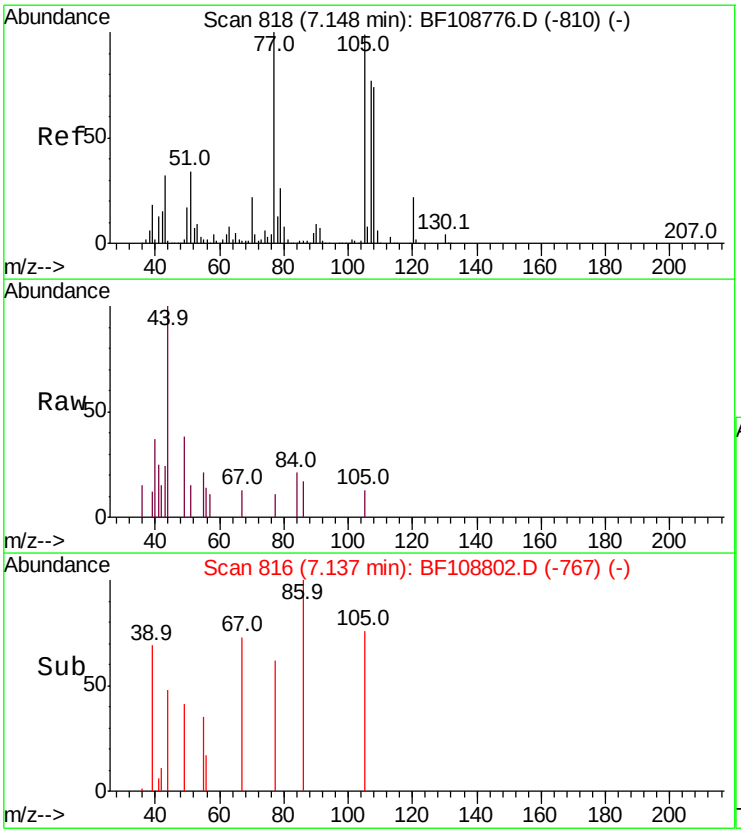
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 850874

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	6.3	5.0	7.4

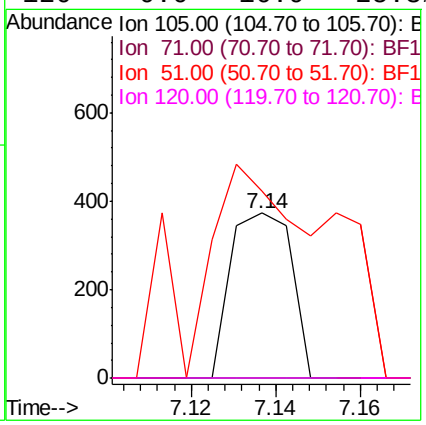


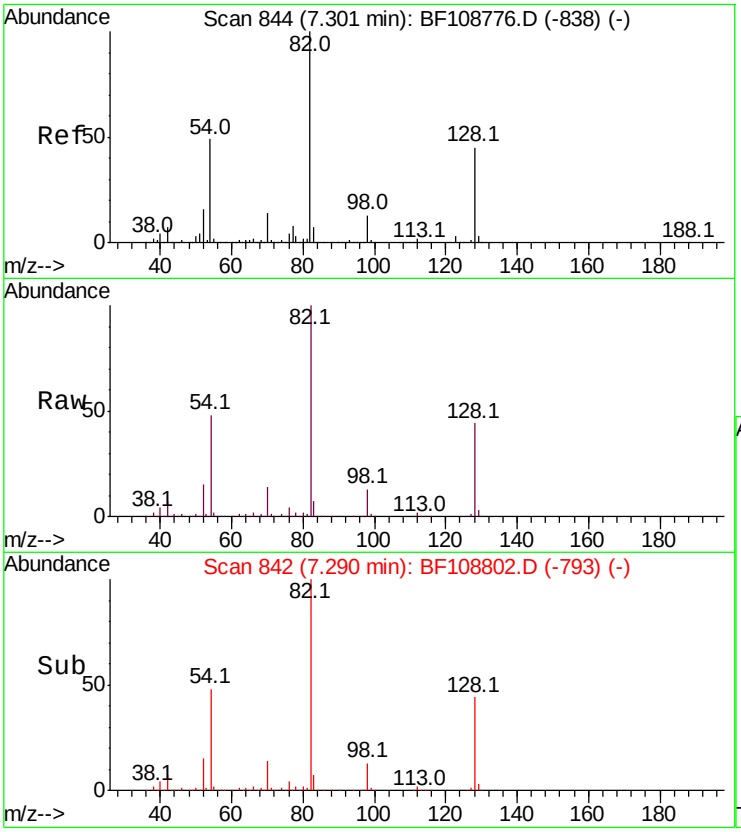


#22
Acetophenone
Concen: 0.019 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:105 Resp: 375

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	113.7	22.3	33.5#
120	0.0	16.9	25.3#

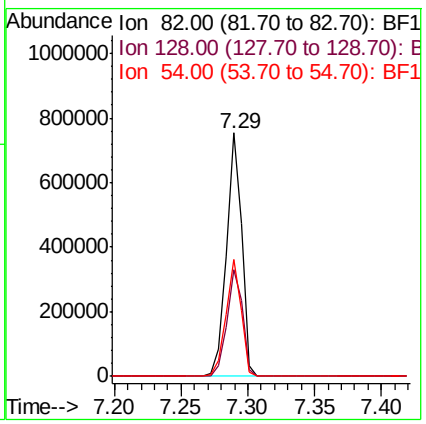




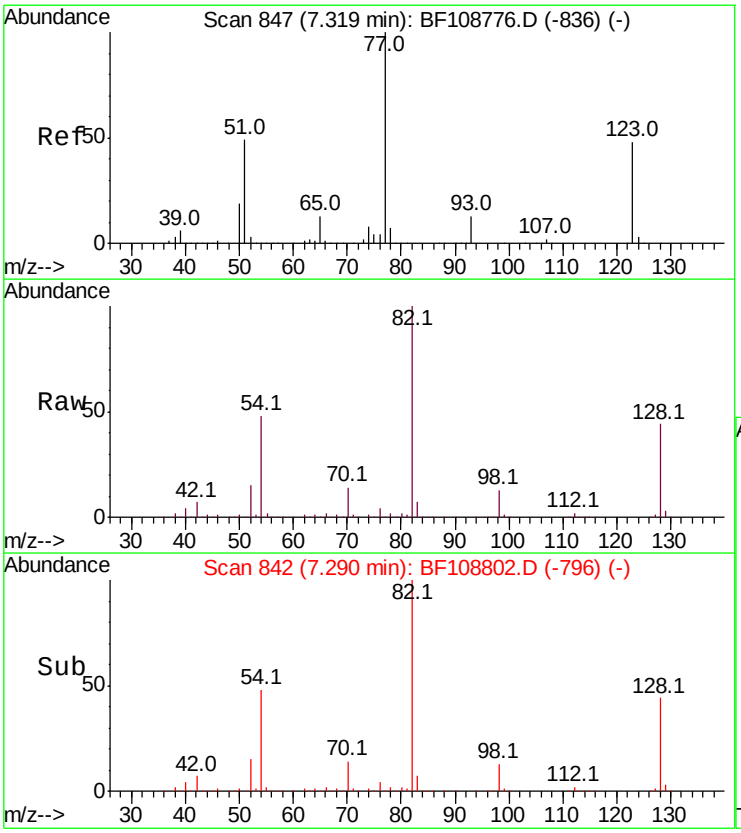
#23
Nitrobenzene-d5
Concen: 44.967 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 82 Resp: 611394

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.8	41.4	62.2



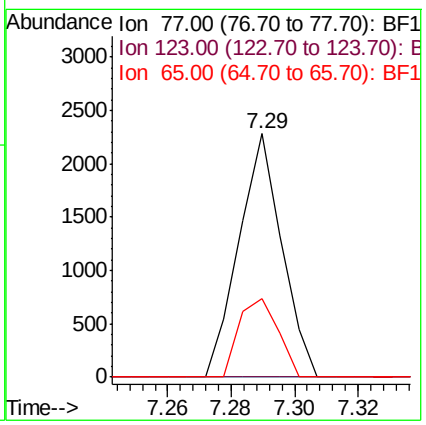
Instrument :
BNA_F
ClientSampleId :

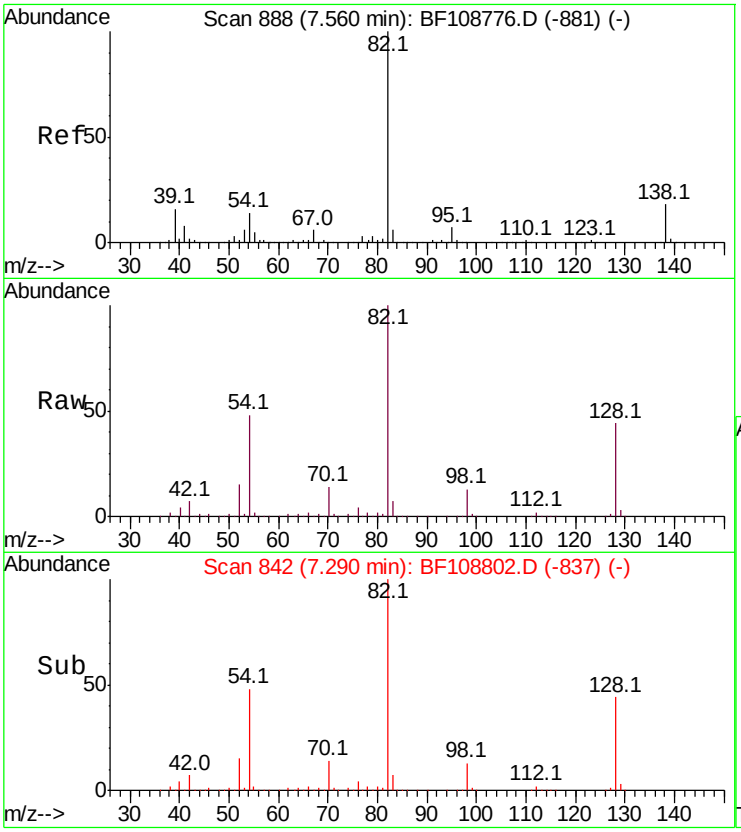


#24
Nitrobenzene
Concen: 0.147 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 77 Resp: 2144

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	32.1	11.0	16.4#



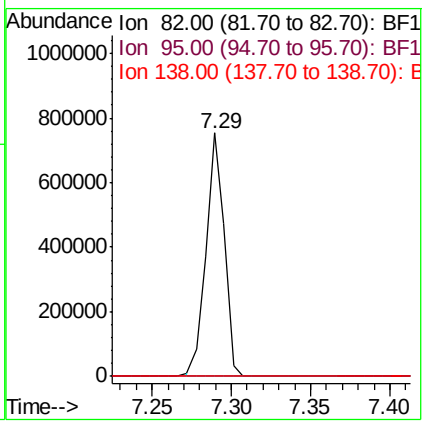


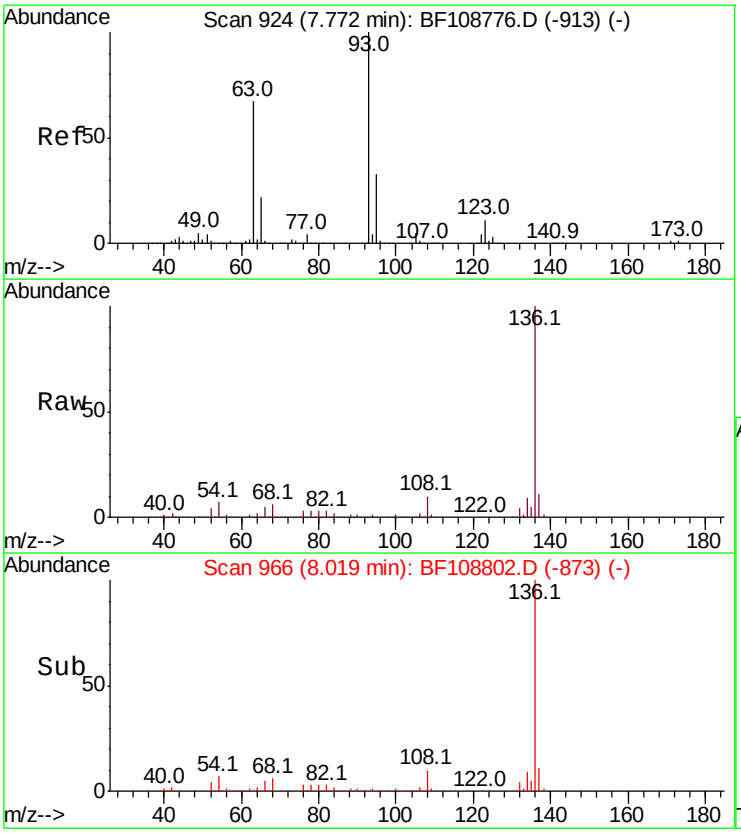
#25
Isophorone
Concen: 22.429 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 608277

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

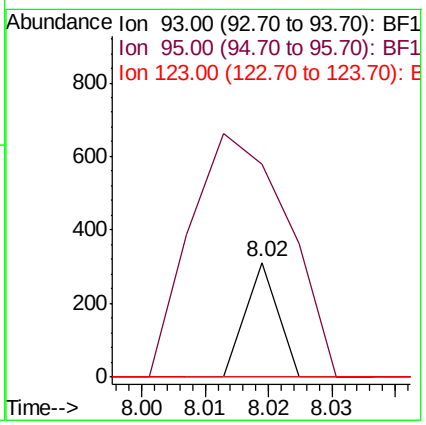


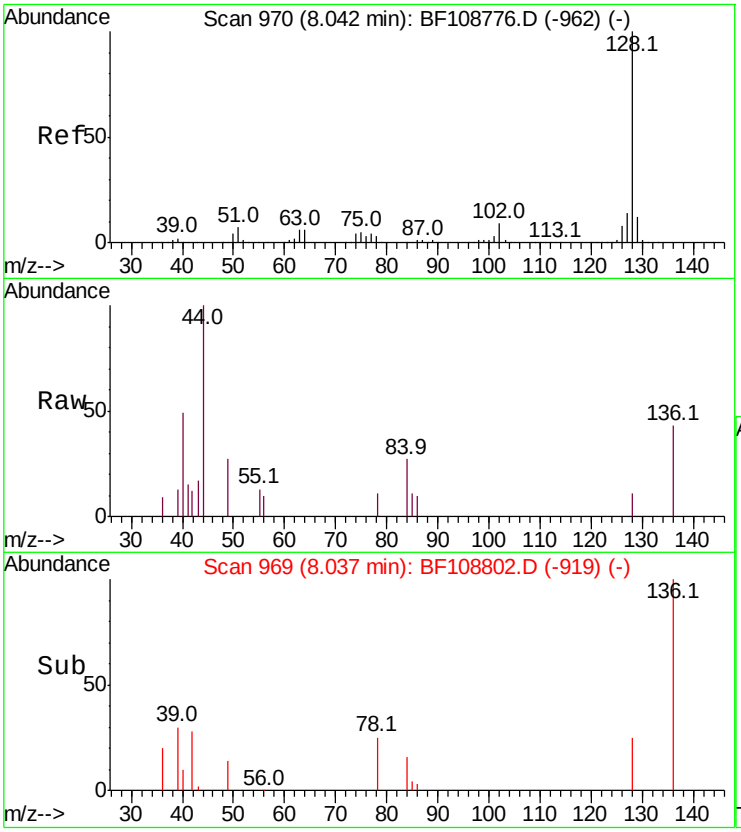


#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.25 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion: 93 Resp: 110

Ion	Ratio	Lower	Upper
93	100		
95	185.6	26.3	39.5#
123	0.0	9.8	14.6#



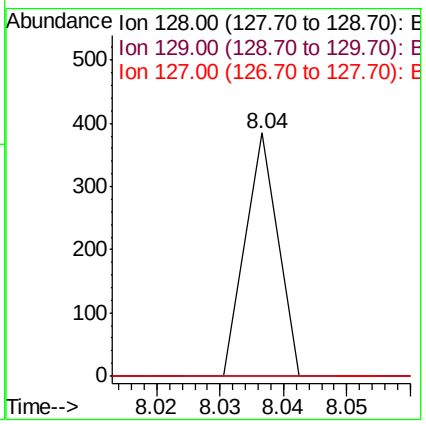


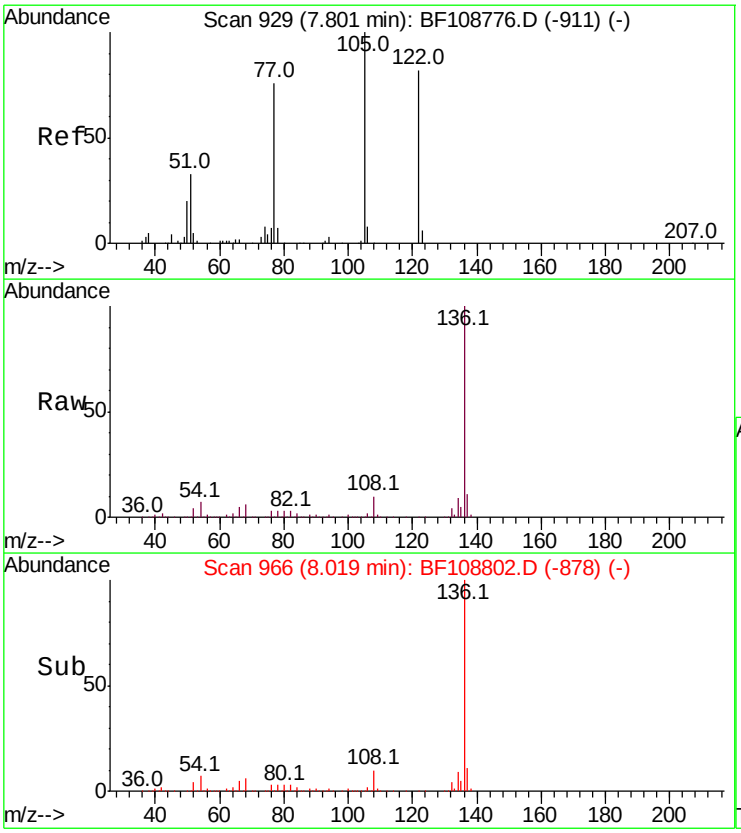
#31
Naphthalene
Concen: 0.004 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 136

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#

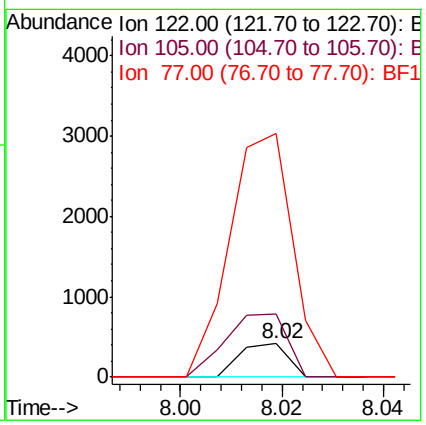


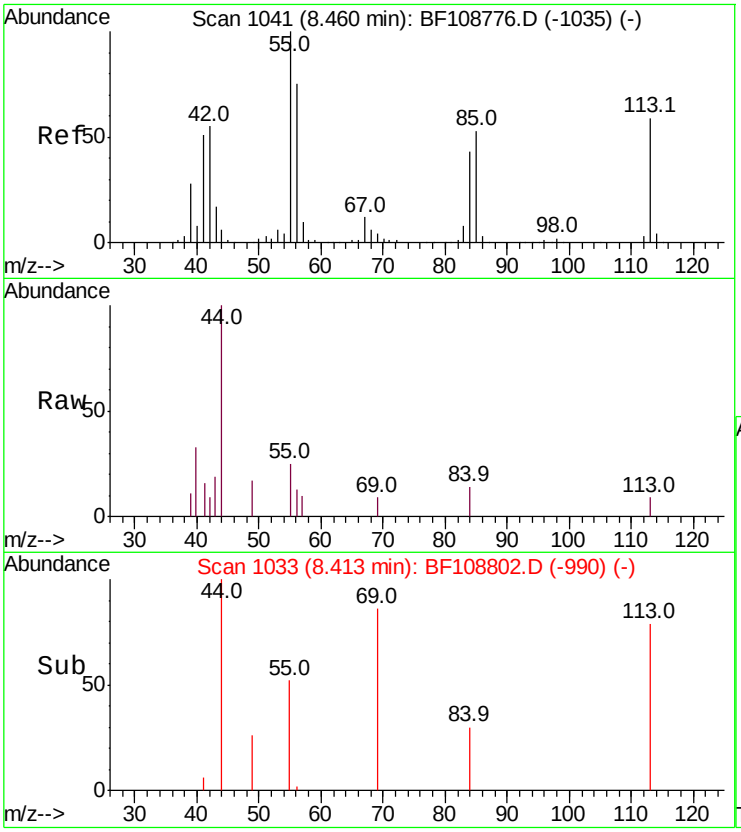


#32
Benzoic acid
Concen: 4.055 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:122 Resp: 276

Ion	Ratio	Lower	Upper
122	100		
105	190.8	101.1	141.1#
77	732.4	70.7	110.7#



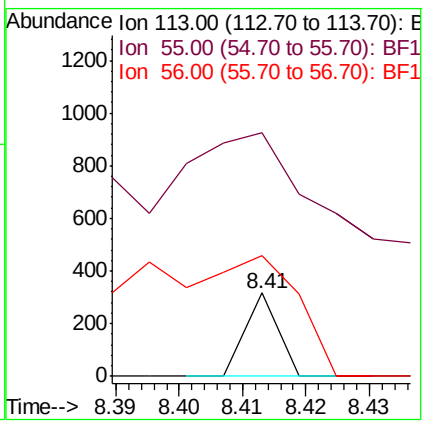


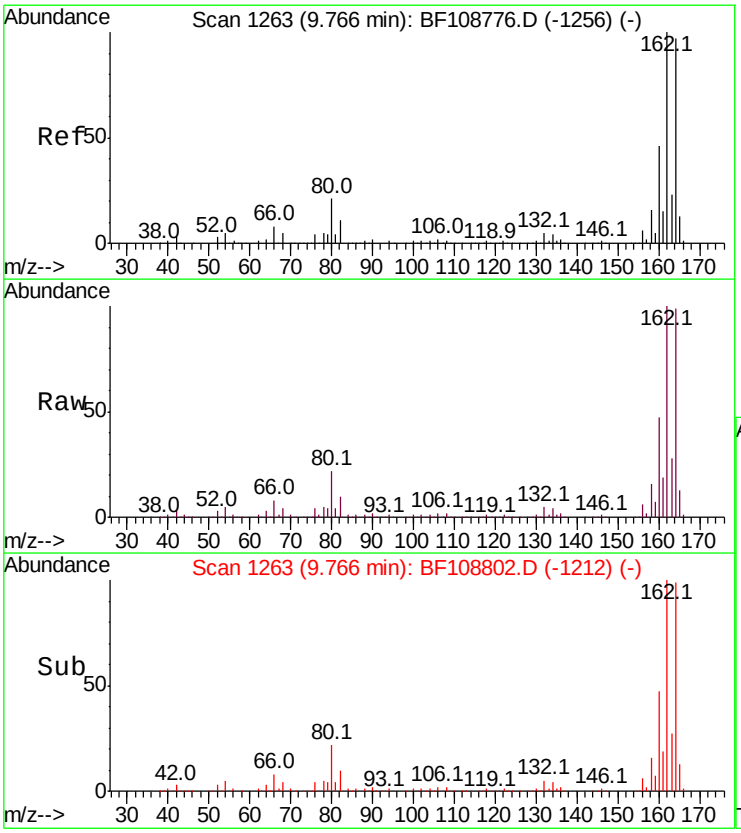
#35
Caprolactam
Concen: 0.027 ng
RT: 8.41 min Scan# 1033
Delta R.T. -0.05 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 112

Ion	Ratio	Lower	Upper
113	100		
55	291.8	163.3	203.3#
56	144.5	115.7	155.7

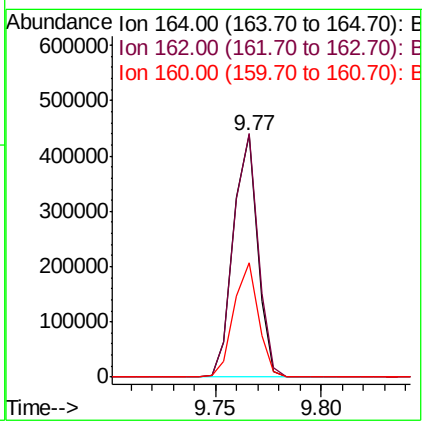


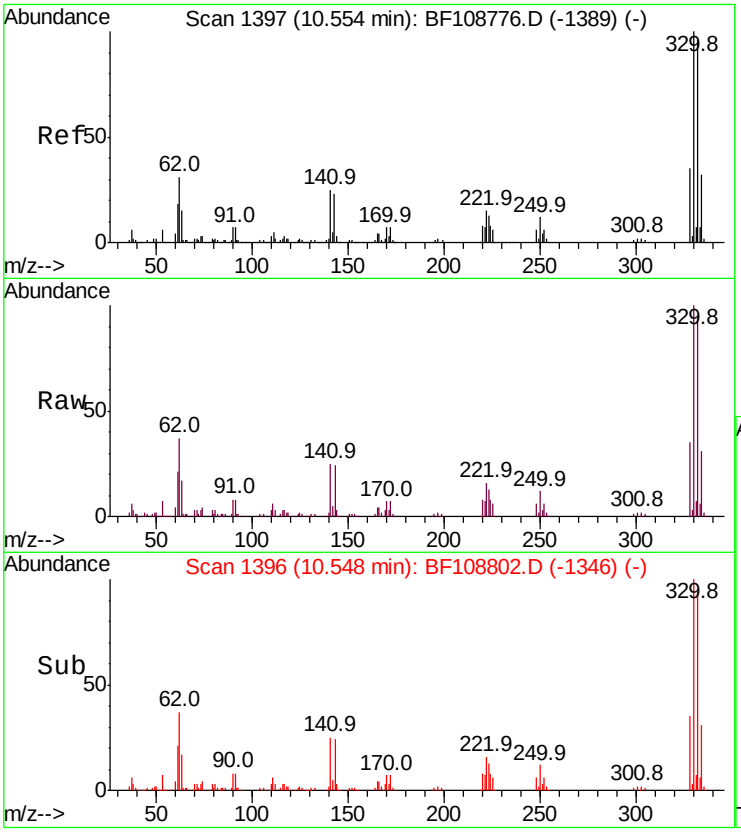


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:164 Resp: 345593

Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	47.5	38.3	57.5



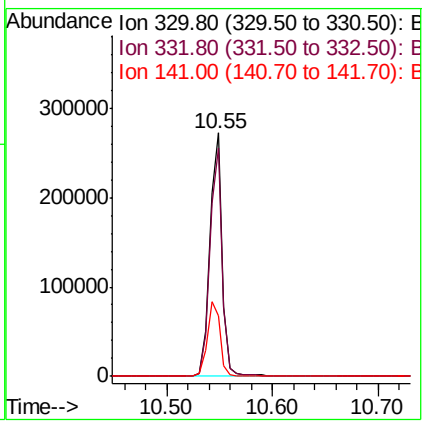


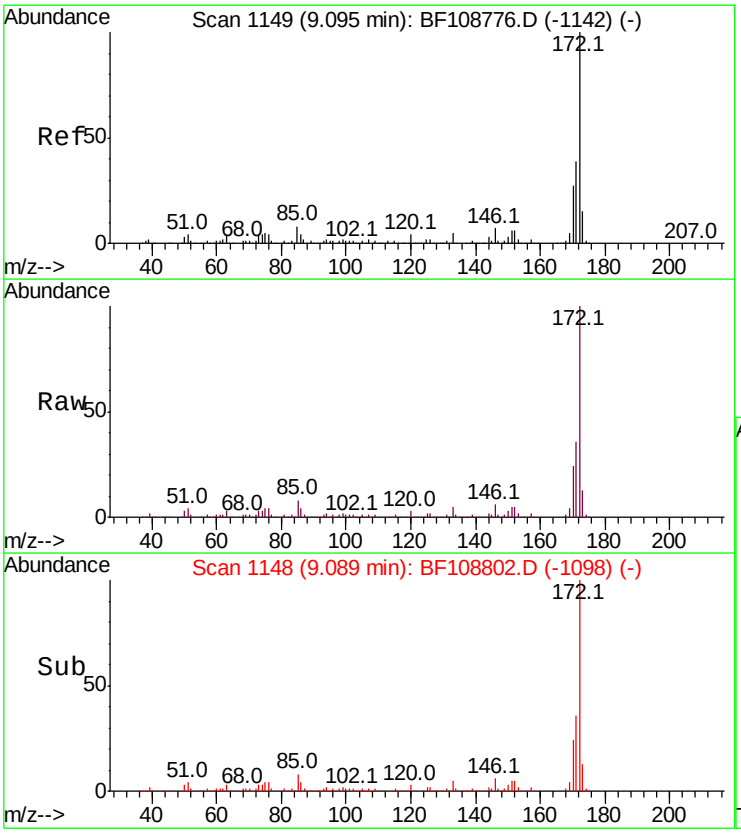
#41
2,4,6-Tribromophenol
Concen: 67.960 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 224215

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.7	29.9	44.9

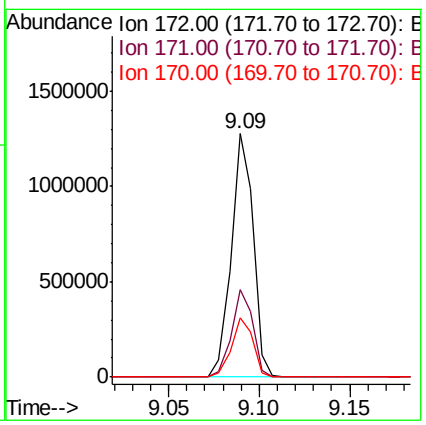


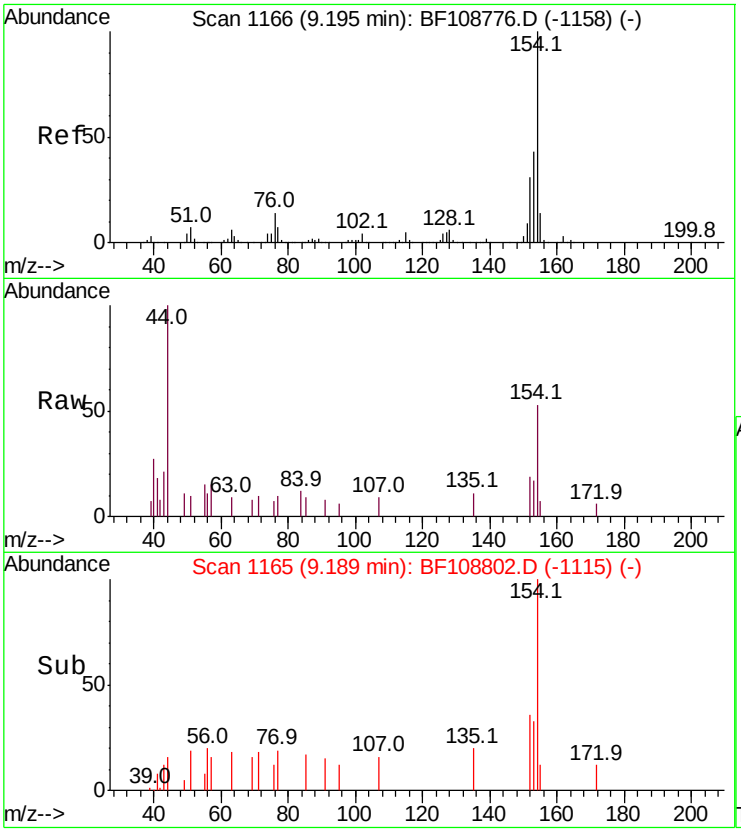


#44
2-Fluorobiphenyl
Concen: 52.920 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:172 Resp: 1072030

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.5	19.6	29.4



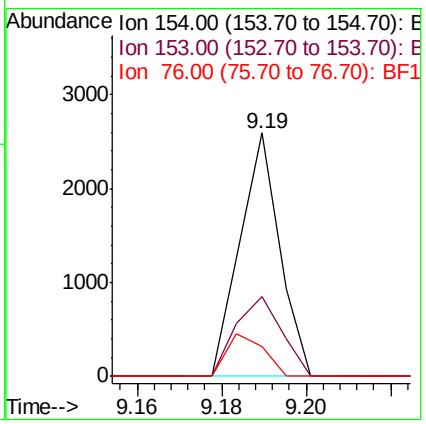


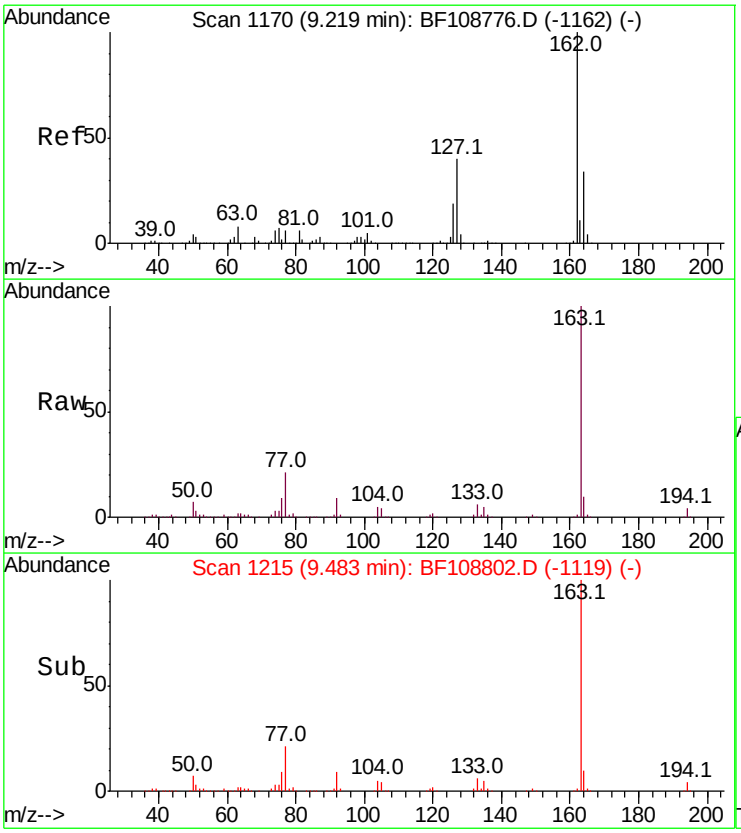
#45
1,1'-Biphenyl
Concen: 0.063 ng
RT: 9.19 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1689

Ion	Ratio	Lower	Upper
154	100		
153	33.0	21.3	61.3
76	12.3	0.0	34.0

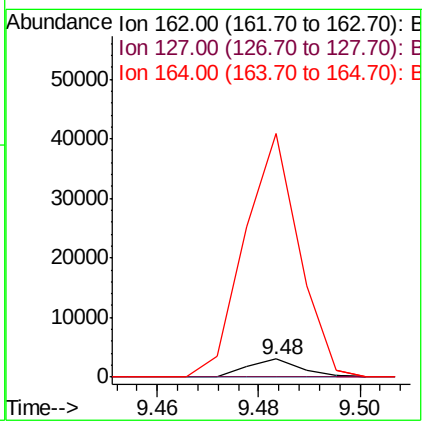


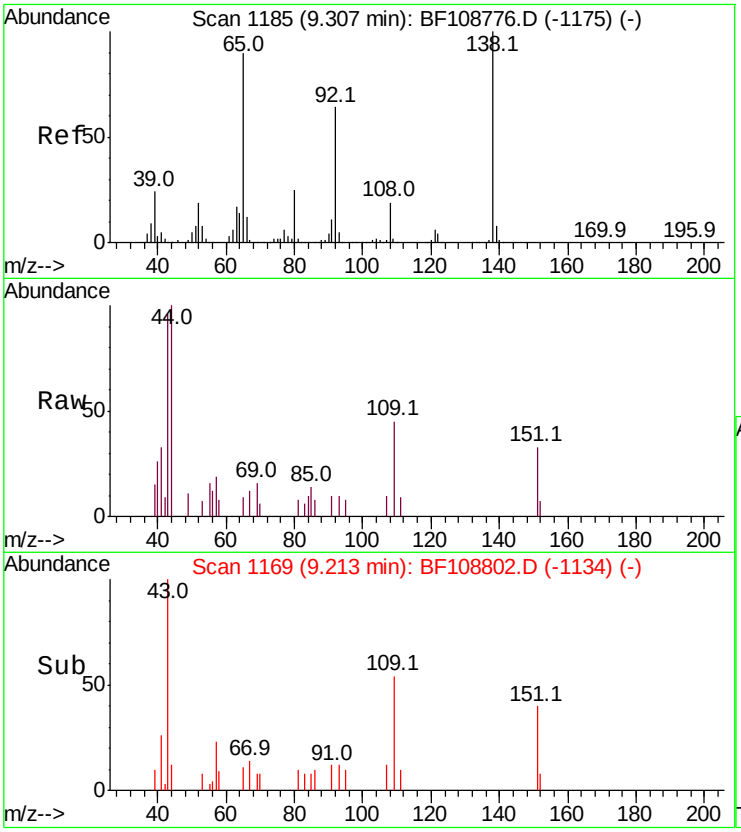


#46
2-Chloronaphthalene
Concen: 0.103 ng
RT: 9.48 min Scan# 1215
Delta R.T. 0.26 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:162 Resp: 2213

Ion	Ratio	Lower	Upper
162	100		
127	0.0	33.9	50.9#
164	1340.9	26.5	39.7#



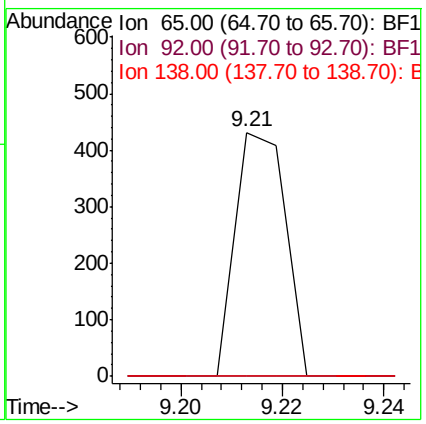


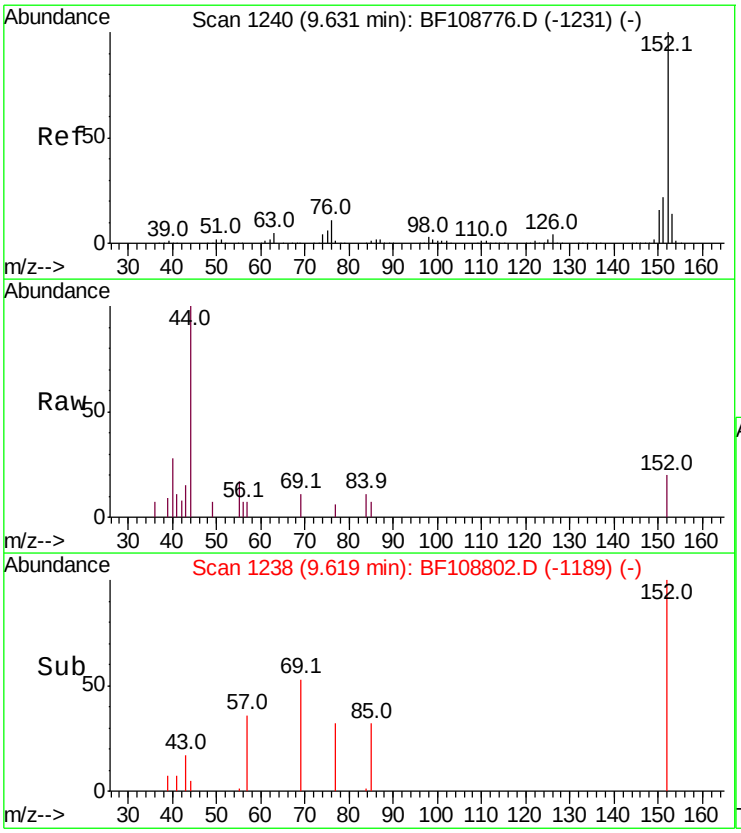
#47
2-Nitroaniline
Concen: 0.050 ng
RT: 9.21 min Scan# 1169
Delta R.T. -0.09 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 296

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

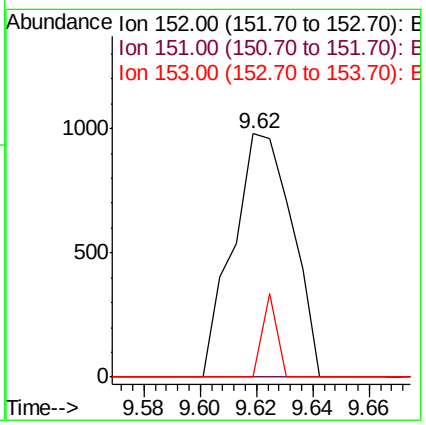


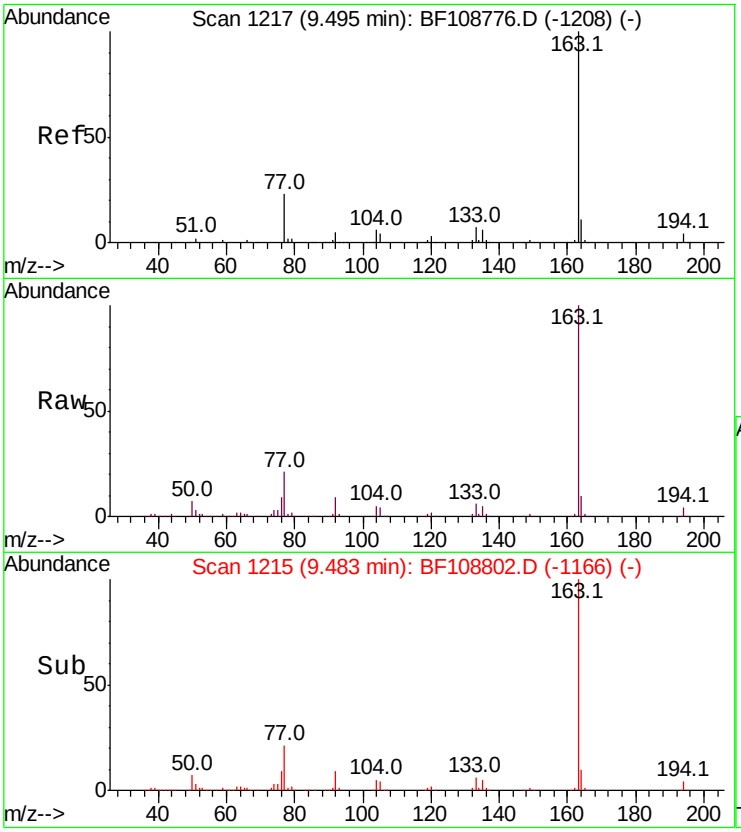


#48
Acenaphthylene
Concen: 0.044 ng
RT: 9.62 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:152 Resp: 1422

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.7	16.1#



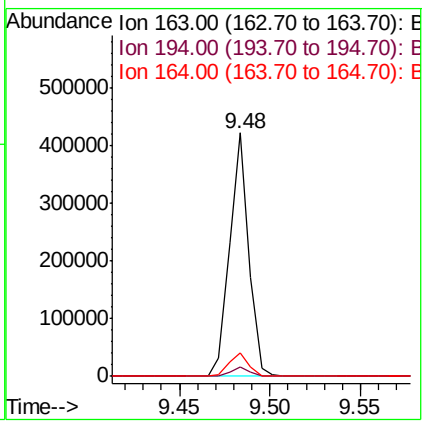


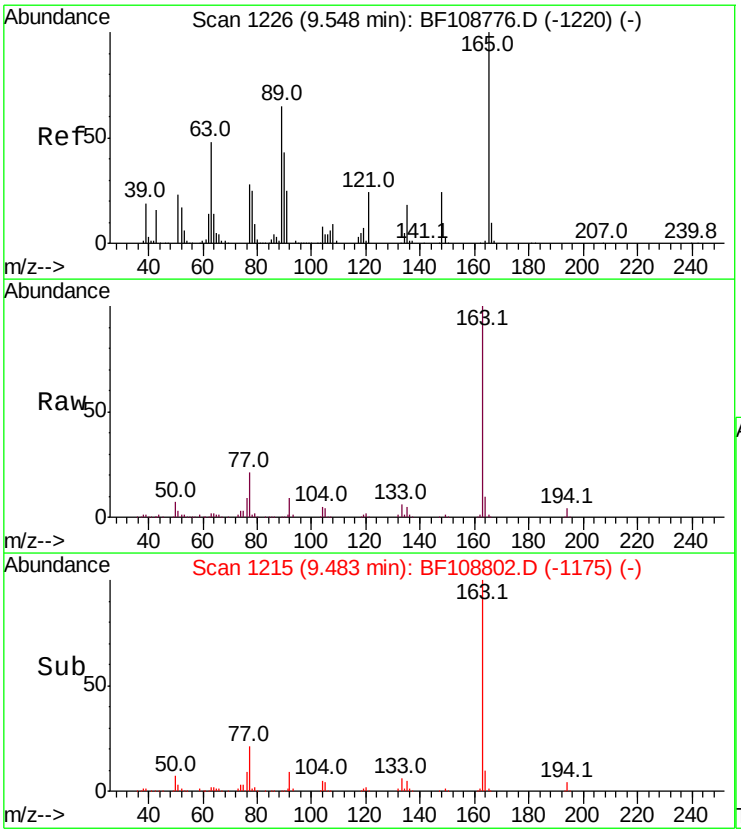
#49
Dimethylphthalate
Concen: 12.814 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 309733

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2

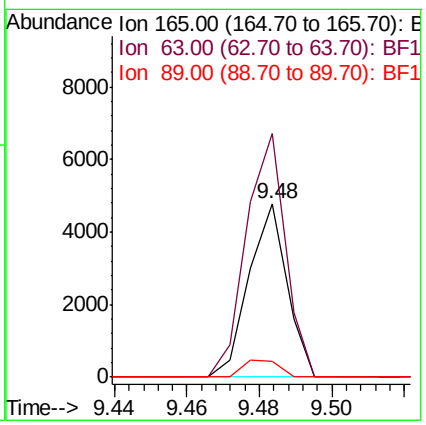


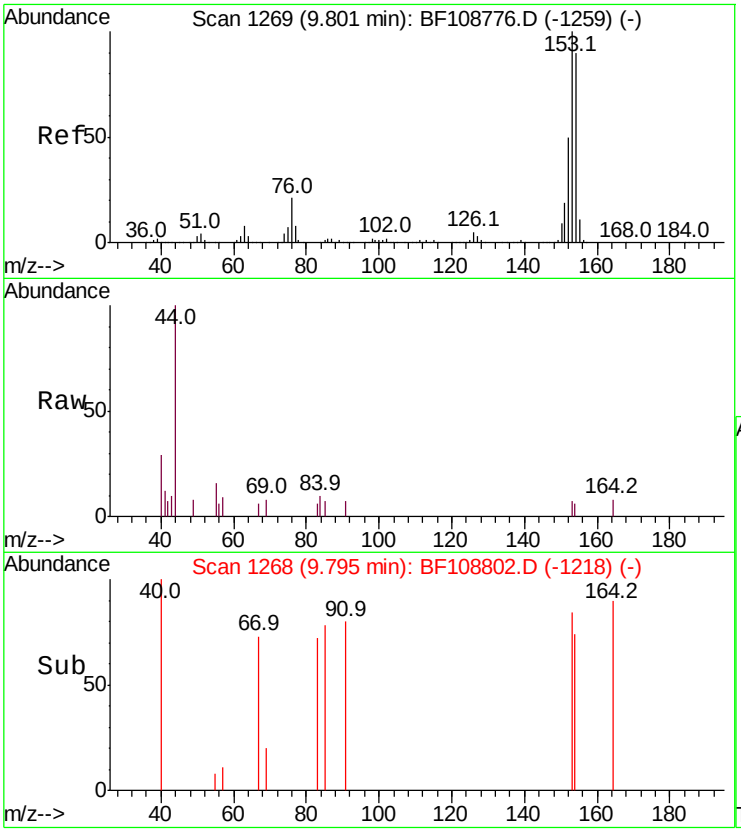


#50
2,6-Dinitrotoluene
Concen: 0.756 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.06 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:165 Resp: 3483

Ion	Ratio	Lower	Upper
165	100		
63	140.2	44.7	67.1#
89	9.2	44.0	66.0#



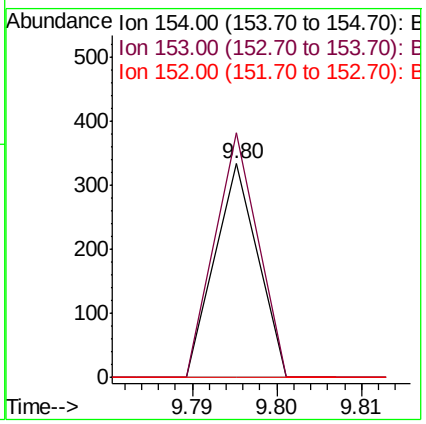


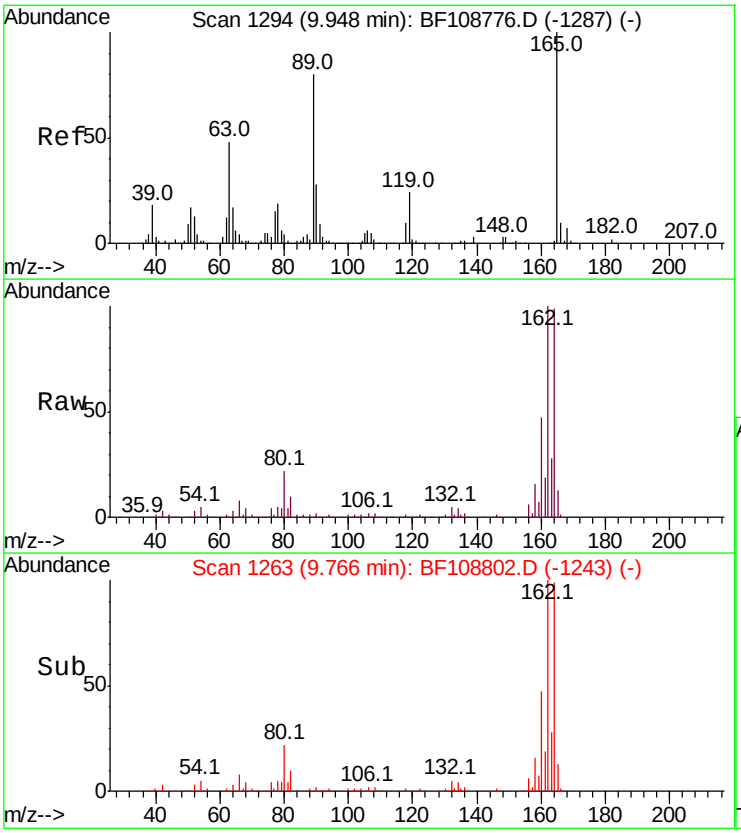
#51
Acenaphthene
Concen: 0.006 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 117

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	0.0	43.8	65.8#

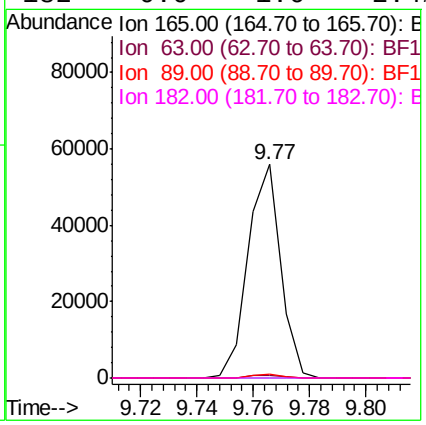


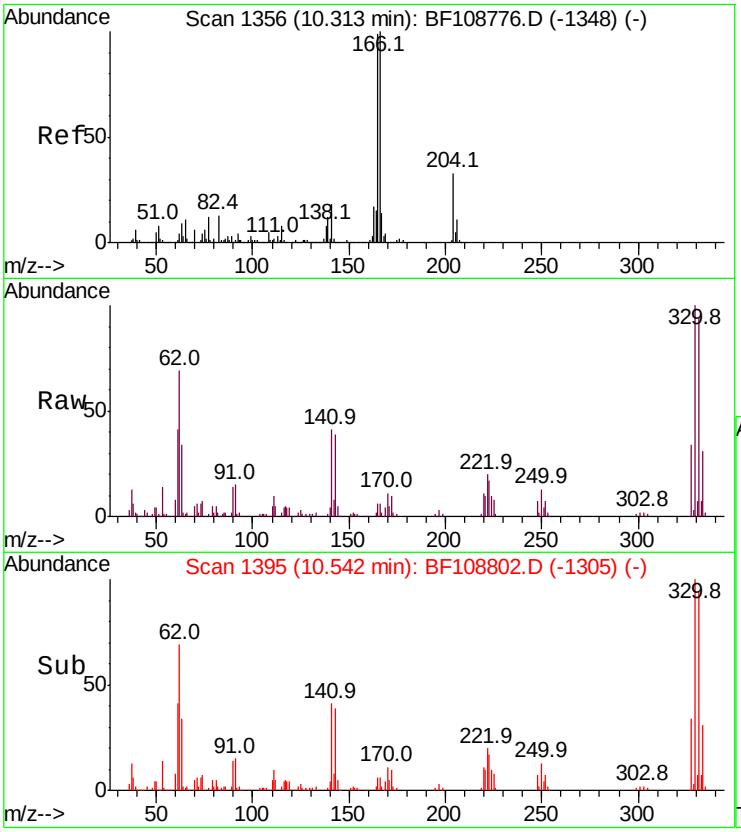


#56
2,4-Dinitrotoluene
Concen: 7.623 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:165 Resp: 44901

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



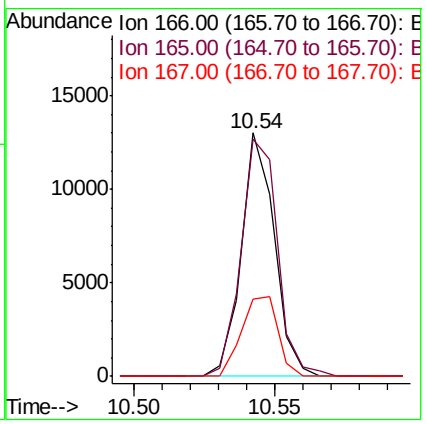


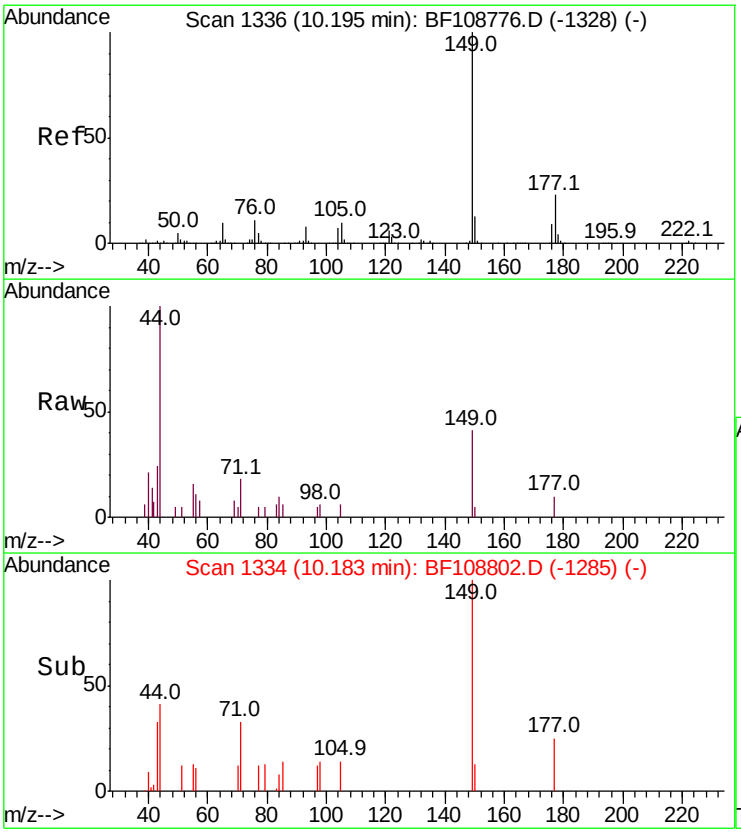
#57
Fluorene
Concen: 0.570 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.23 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 10582

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.8	119.8
167	31.8	10.6	16.0#

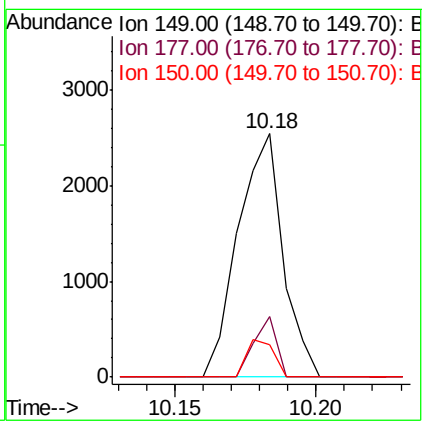


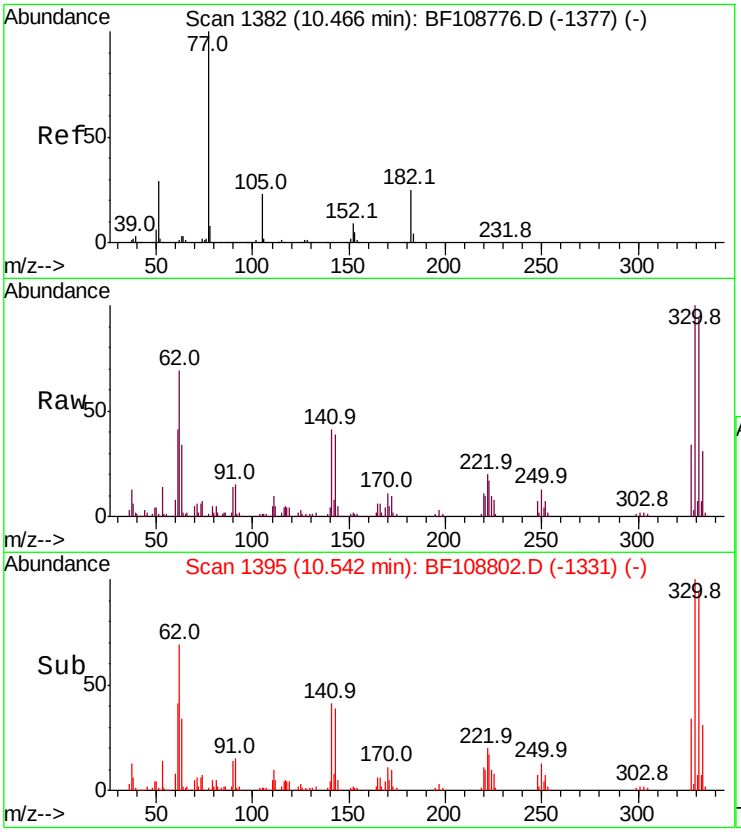


#59
Diethylphthalate
Concen: 0.112 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:149 Resp: 2803

Ion	Ratio	Lower	Upper
149	100		
177	25.0	16.1	24.1#
150	13.3	10.1	15.1



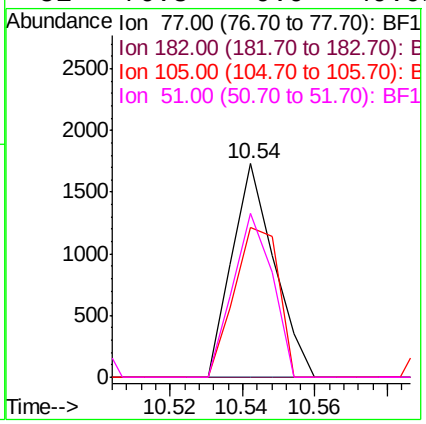


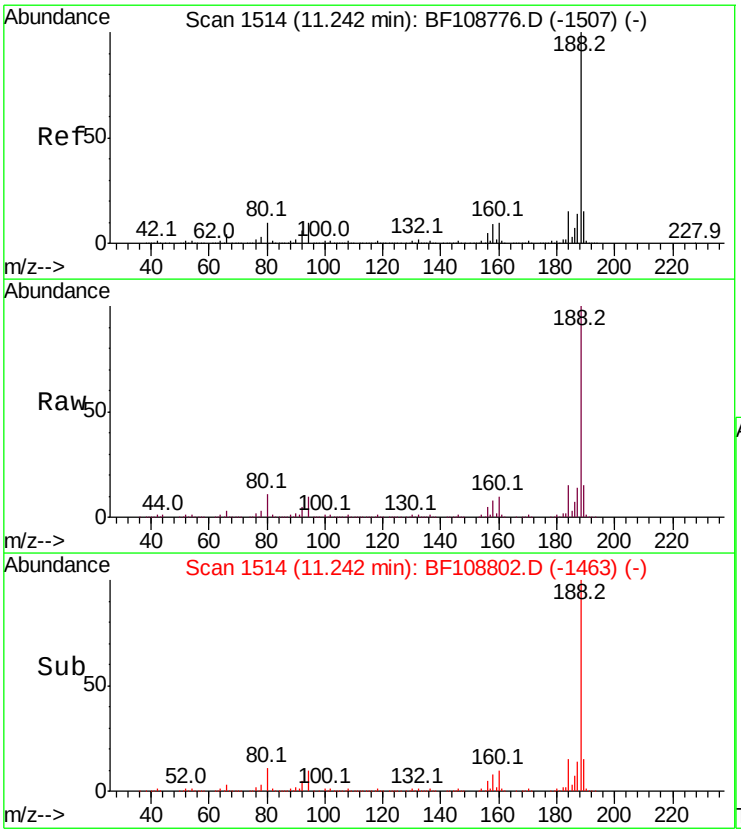
#62
Azobenzene
Concen: 0.055 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.08 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1407

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	70.1	3.0	43.0#
51	76.8	9.9	49.9#

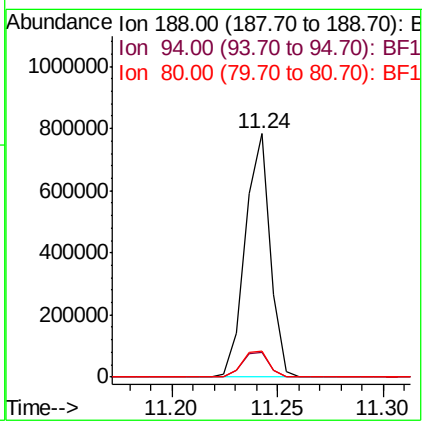


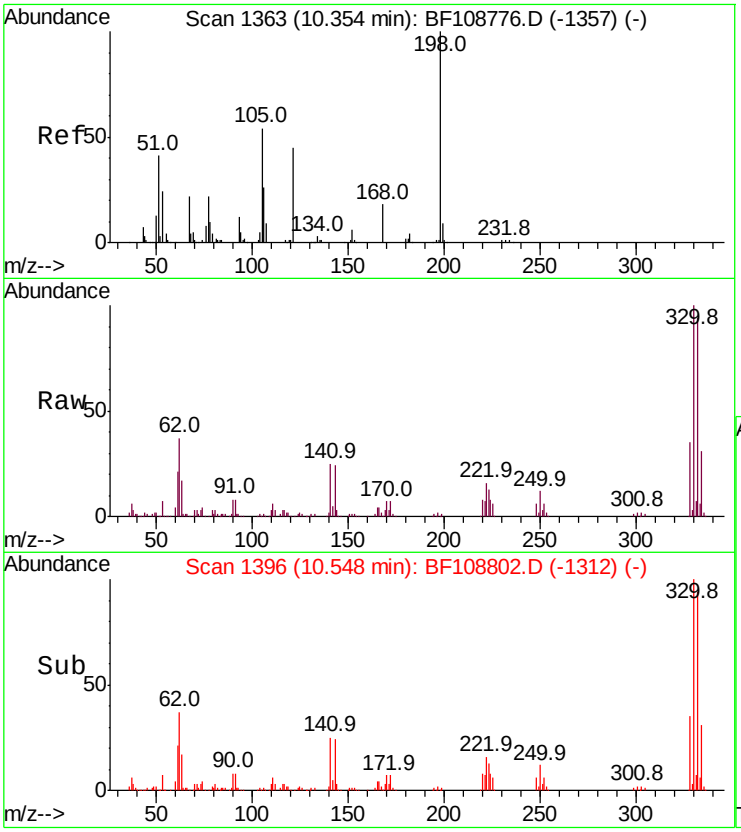


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:188 Resp: 638737

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	10.9	9.2	13.8



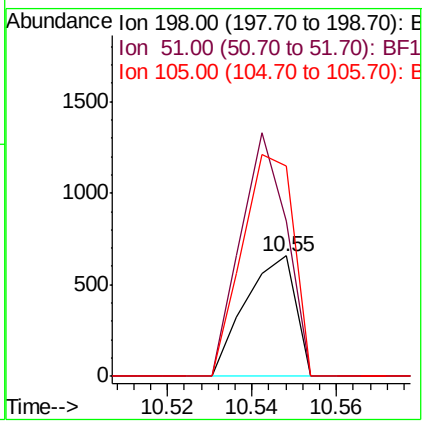


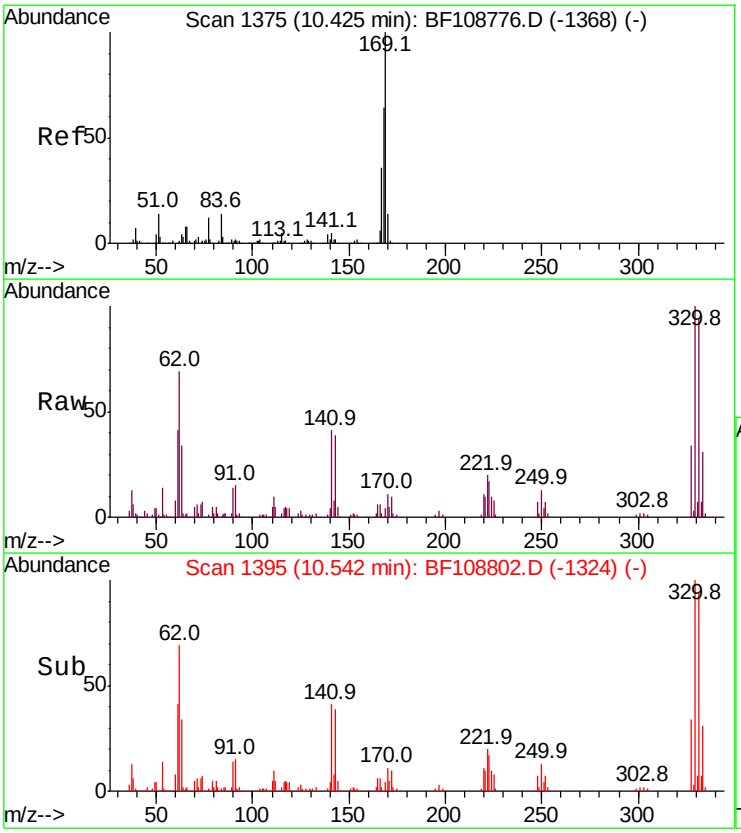
#64
4,6-Dinitro-2-methylphenol
Concen: 7.054 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.19 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 544

Ion	Ratio	Lower	Upper
198	100		
51	128.9	37.7	77.7#
105	174.3	36.3	76.3#

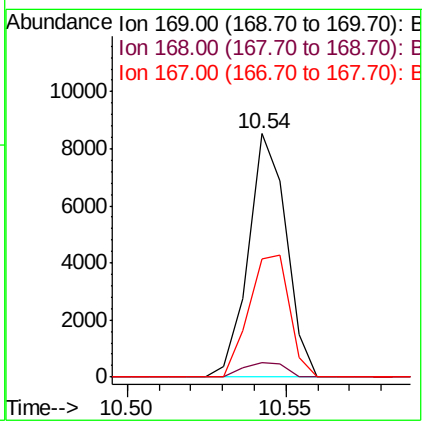


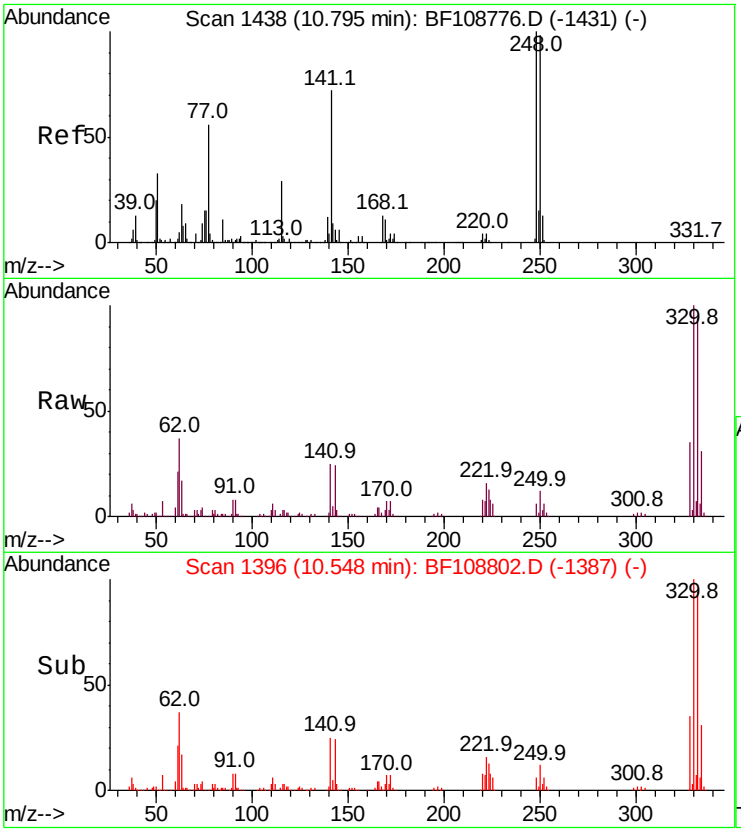


#65
n-Nitrosodiphenylamine
Concen: 0.334 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.12 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:169 Resp: 7085

Ion	Ratio	Lower	Upper
169	100		
168	6.2	54.4	81.6#
167	48.5	29.8	44.6#



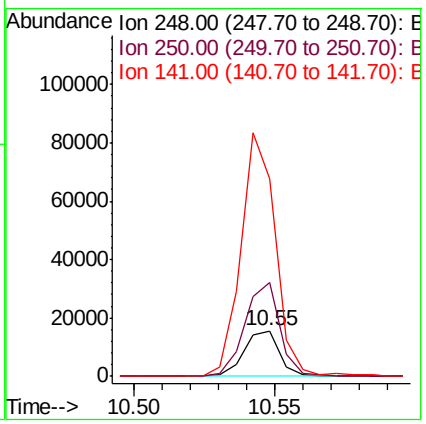


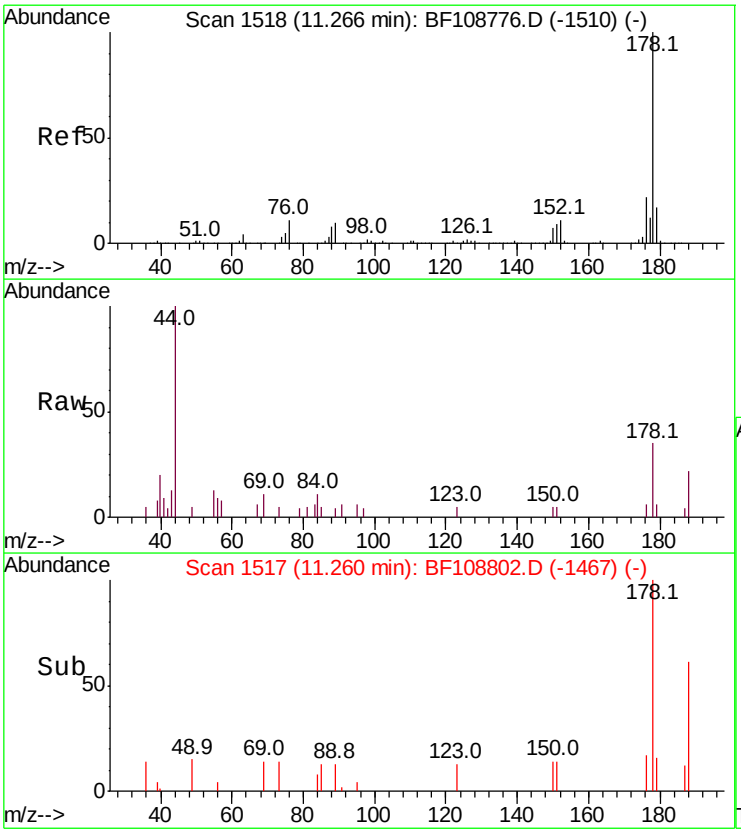
#66
4-Bromophenyl-phenylether
Concen: 1.877 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13542

Ion	Ratio	Lower	Upper
248	100		
250	204.6	76.9	115.3#
141	431.8	74.4	111.6#

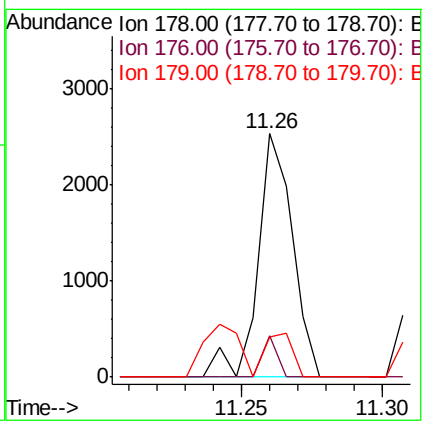


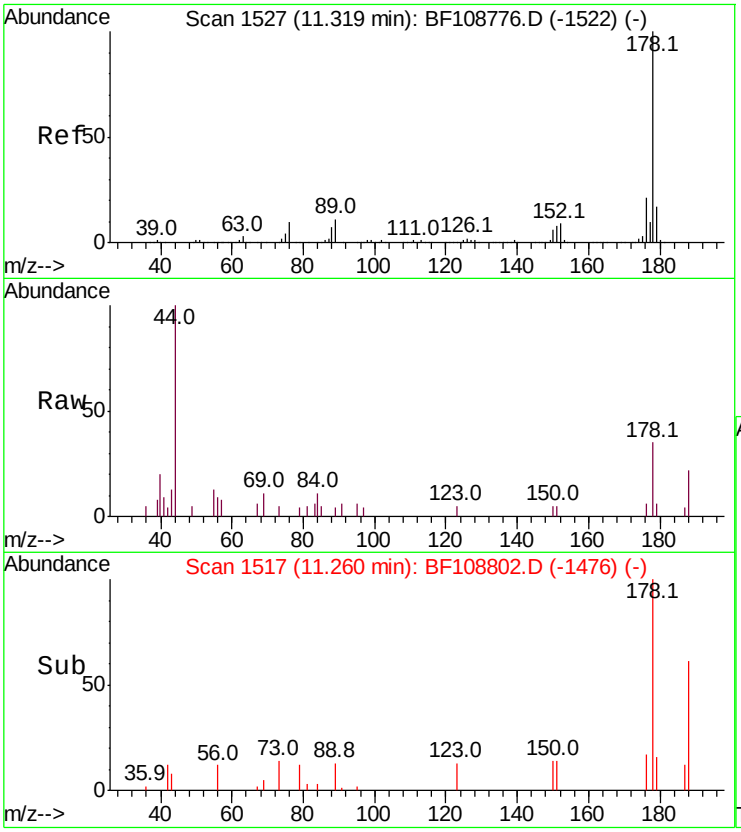


#70
Phenanthrene
Concen: 0.070 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:178 Resp: 2148

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.8	23.8
179	16.4	13.0	19.6



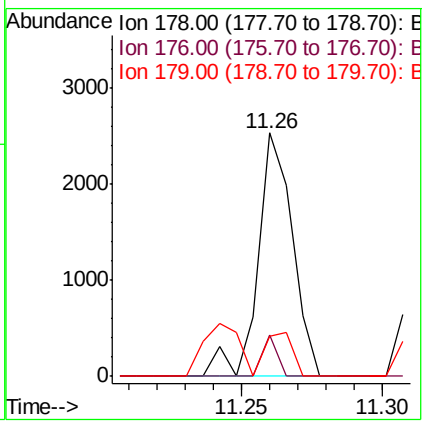


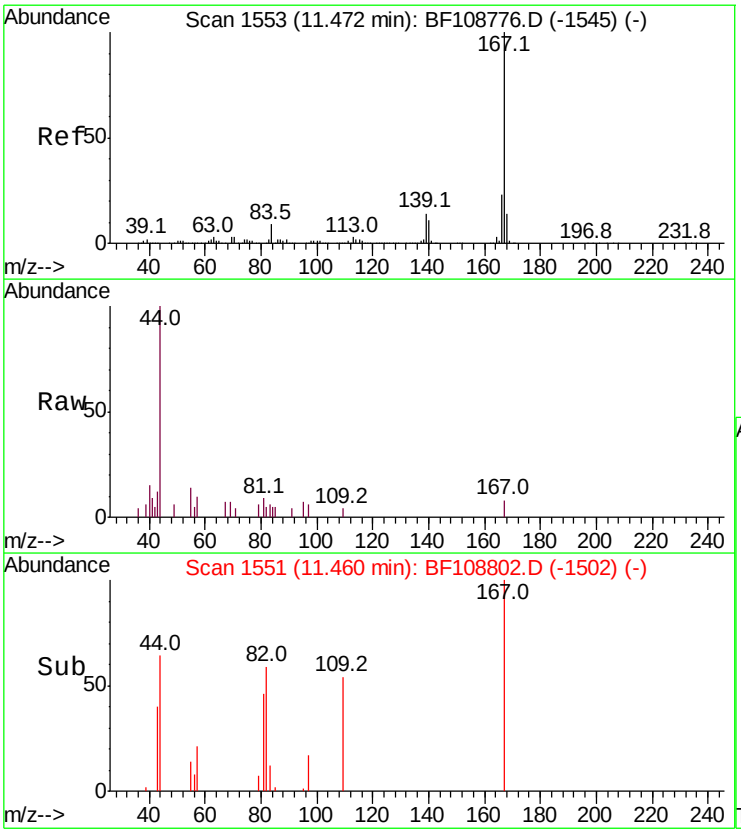
#71
Anthracene
Concen: 0.074 ng
RT: 11.26 min Scan# 1517
Delta R.T. -0.06 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2148

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.2
179	16.4	12.6	19.0

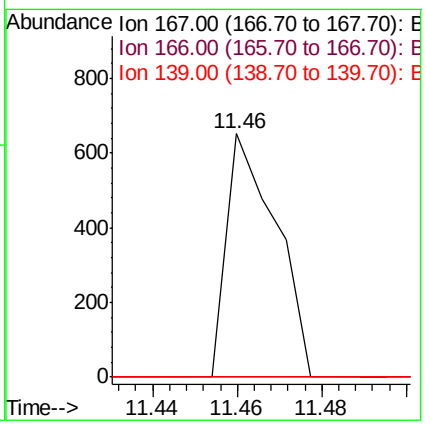


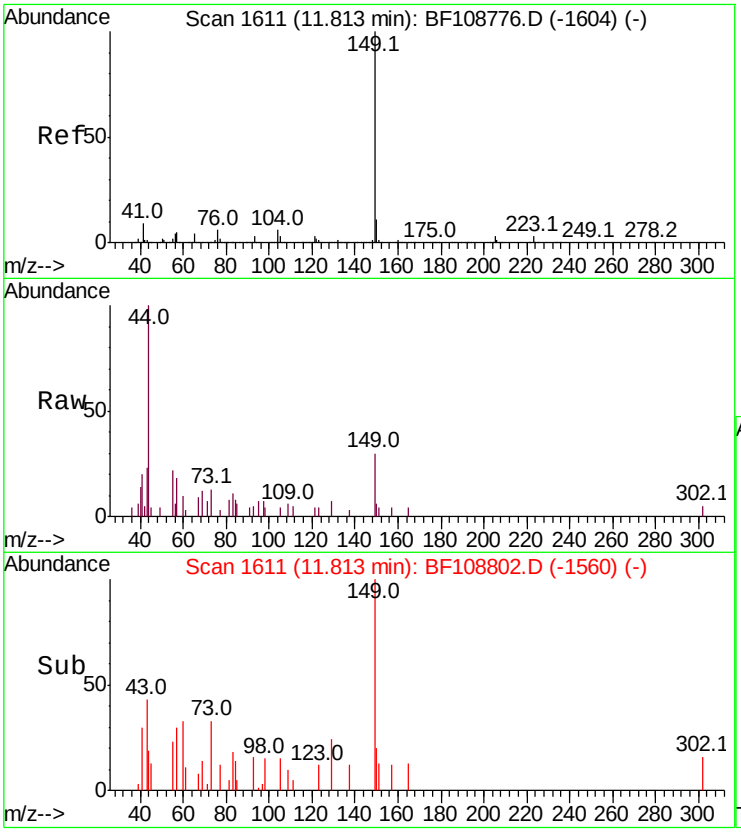


#72
Carbazole
Concen: 0.017 ng
RT: 11.46 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:167 Resp: 528

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.6	26.4#
139	0.0	10.9	16.3#



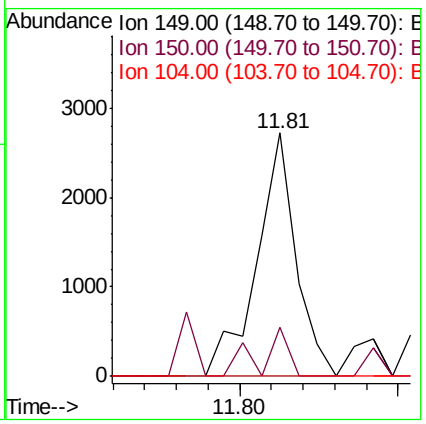


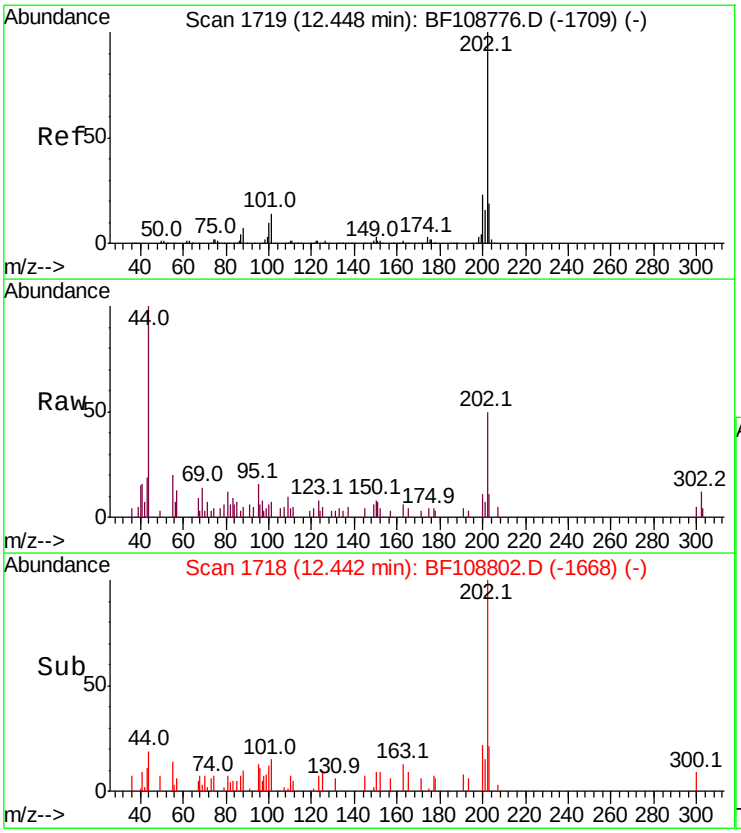
#73
Di-n-butylphthalate
Concen: 0.069 ng
RT: 11.81 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2345

Ion	Ratio	Lower	Upper
149	100		
150	19.9	7.8	11.6#
104	0.0	3.8	5.8#

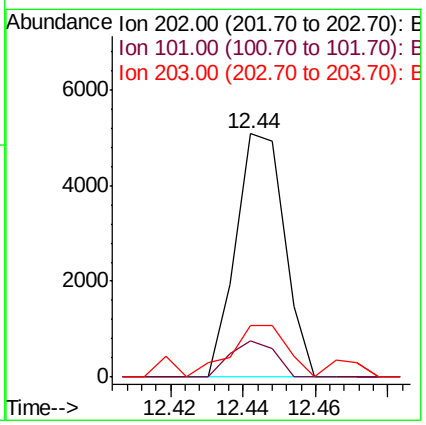


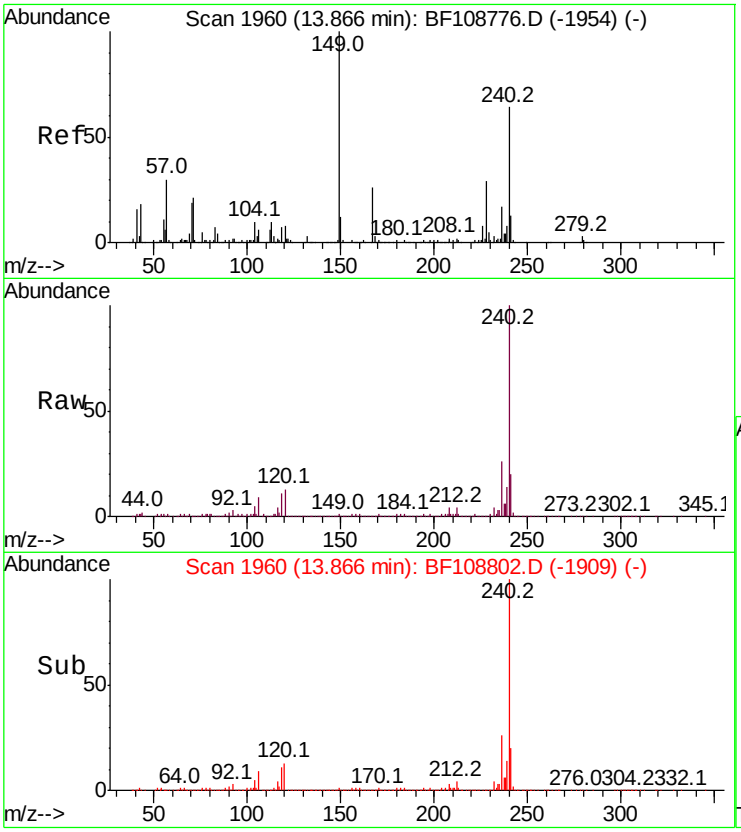


#74
Fluoranthene
Concen: 0.157 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:202 Resp: 4739

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	21.4	0.0	38.1



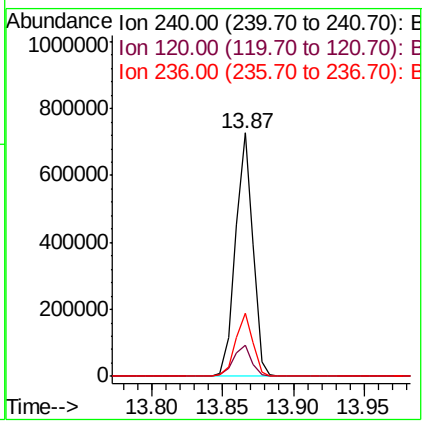


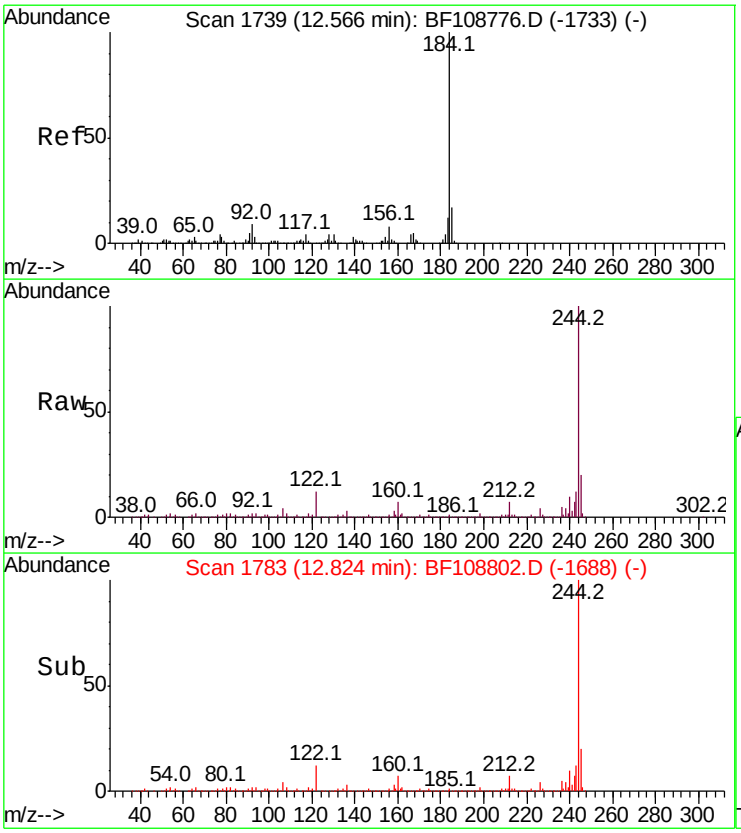
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 620870

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.7	20.7	31.1

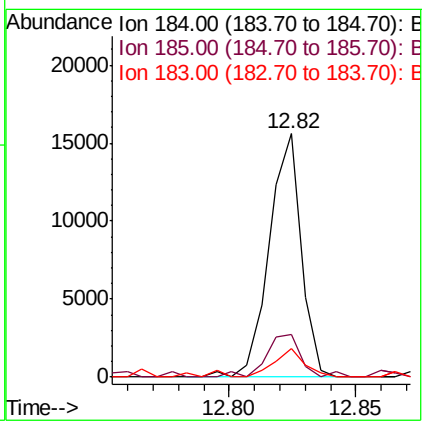


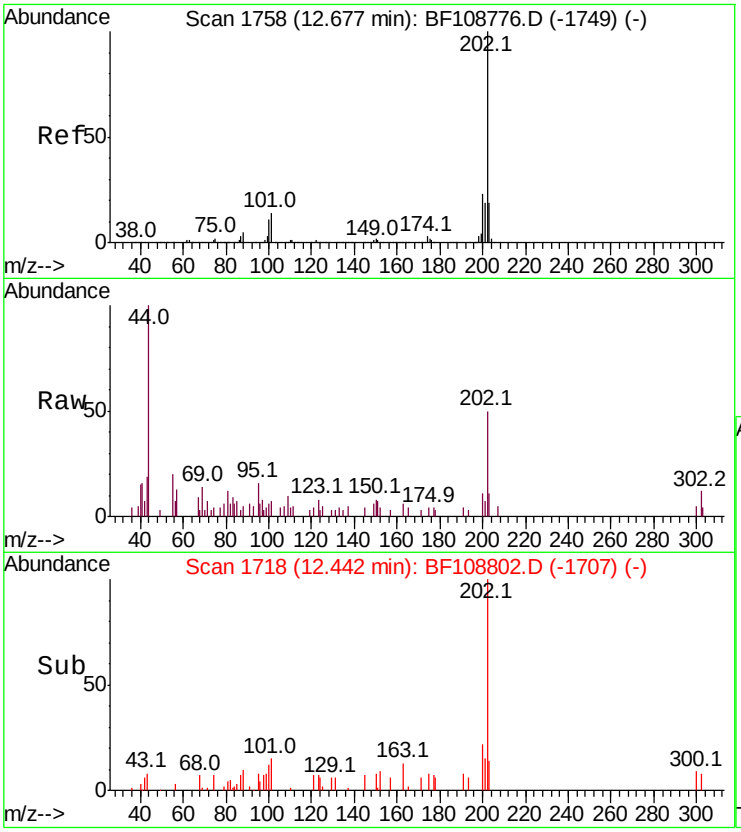


#76
Benzidine
Concen: 0.471 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.26 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:184 Resp: 13853

Ion	Ratio	Lower	Upper
184	100		
185	17.7	12.6	18.8
183	12.0	9.3	13.9



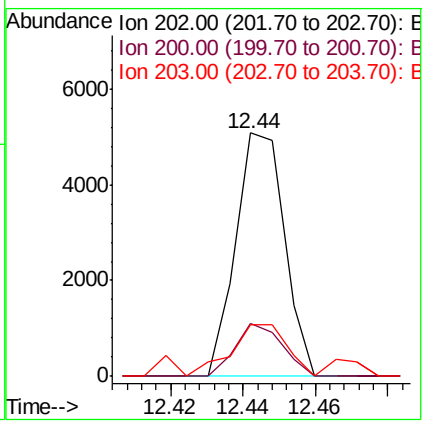


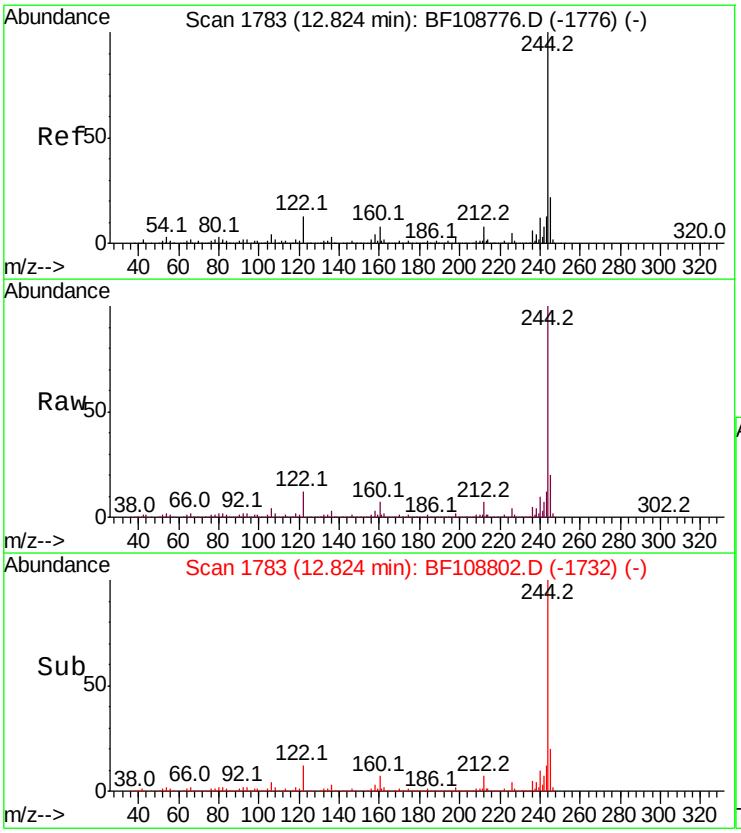
#77
Pyrene
Concen: 0.099 ng
RT: 12.44 min Scan# 1718
Delta R.T. -0.24 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 4739

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	21.4	14.3	21.5

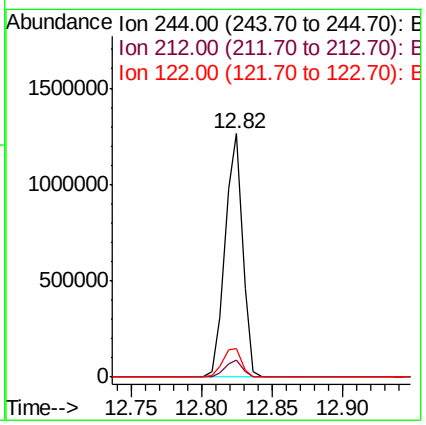


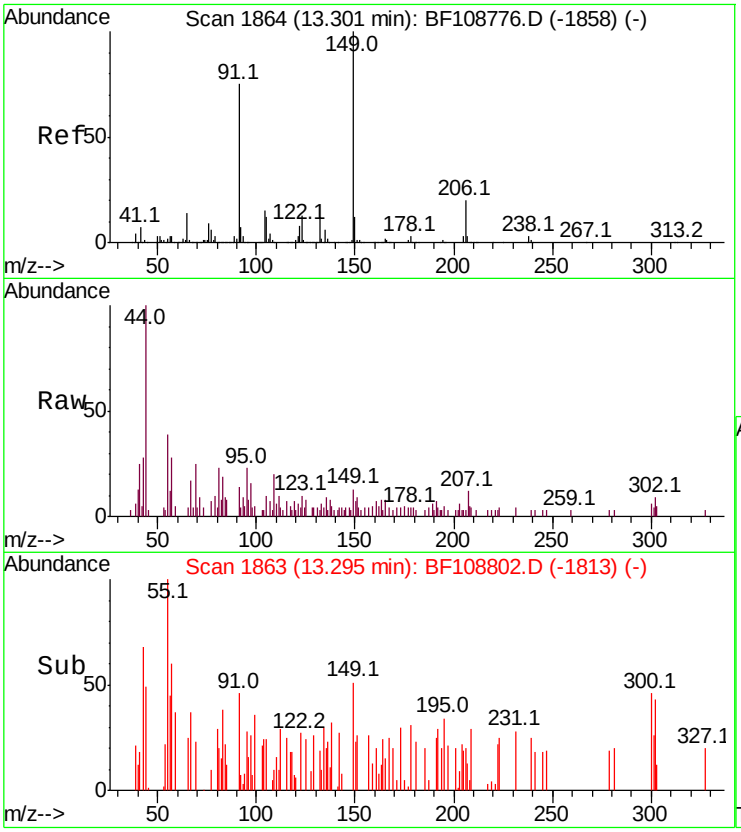


#78
Terphenyl-d14
Concen: 40.794 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:244 Resp: 1086139

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.9	11.0	16.4



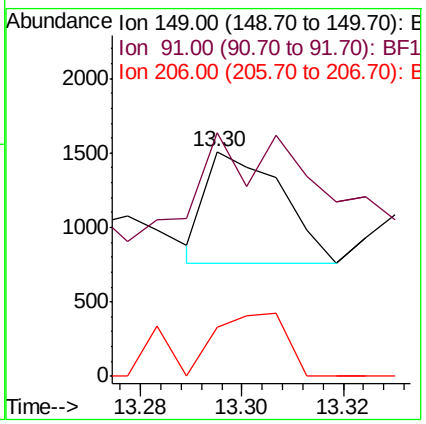


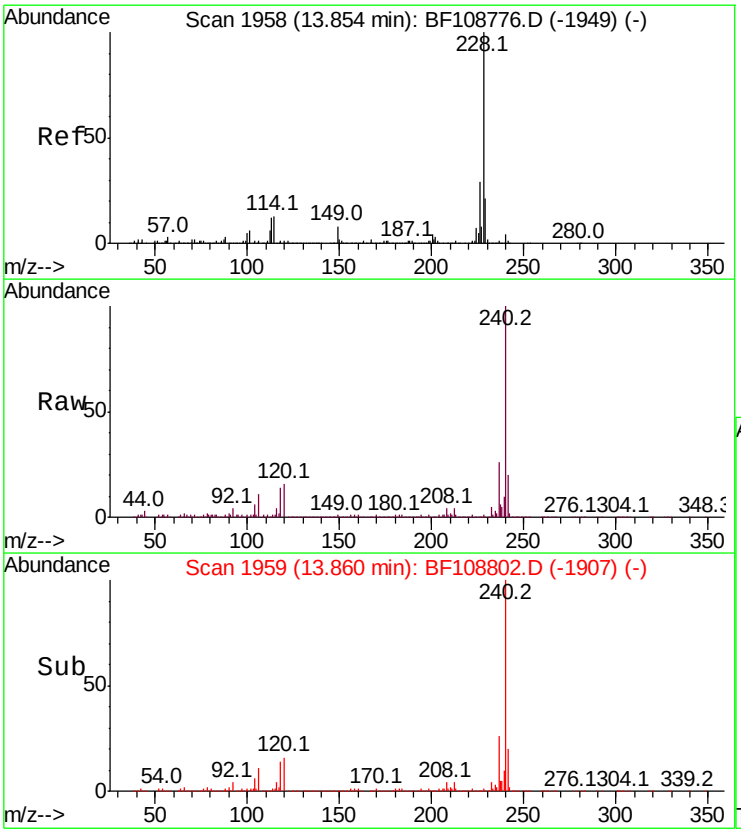
#79
Butylbenzylphthalate
Concen: 0.036 ng
RT: 13.30 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 776

Ion	Ratio	Lower	Upper
149	100		
91	108.3	56.8	85.2#
206	21.9	14.1	21.1#

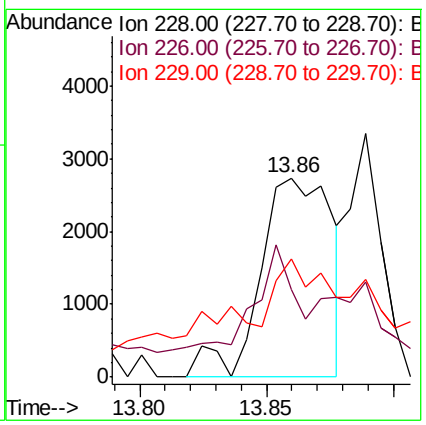


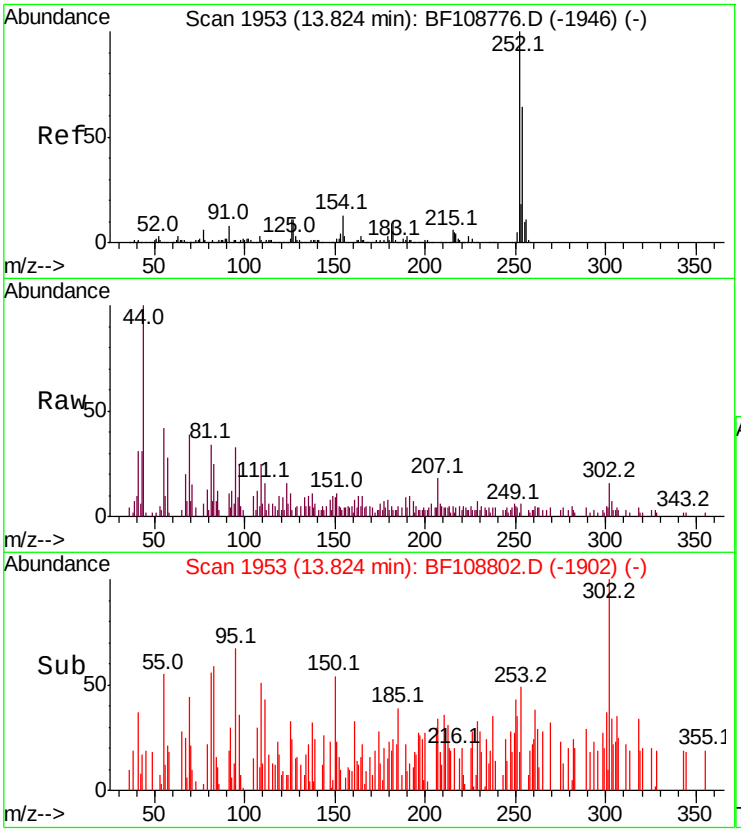


#80
Benzo(a)anthracene
Concen: 0.136 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:228 Resp: 5408

Ion	Ratio	Lower	Upper
228	100		
226	44.1	22.6	33.8#
229	59.6	15.8	23.6#



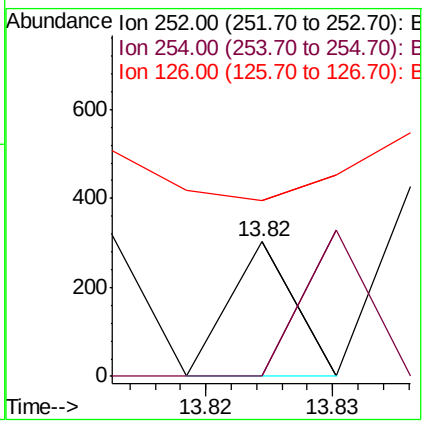


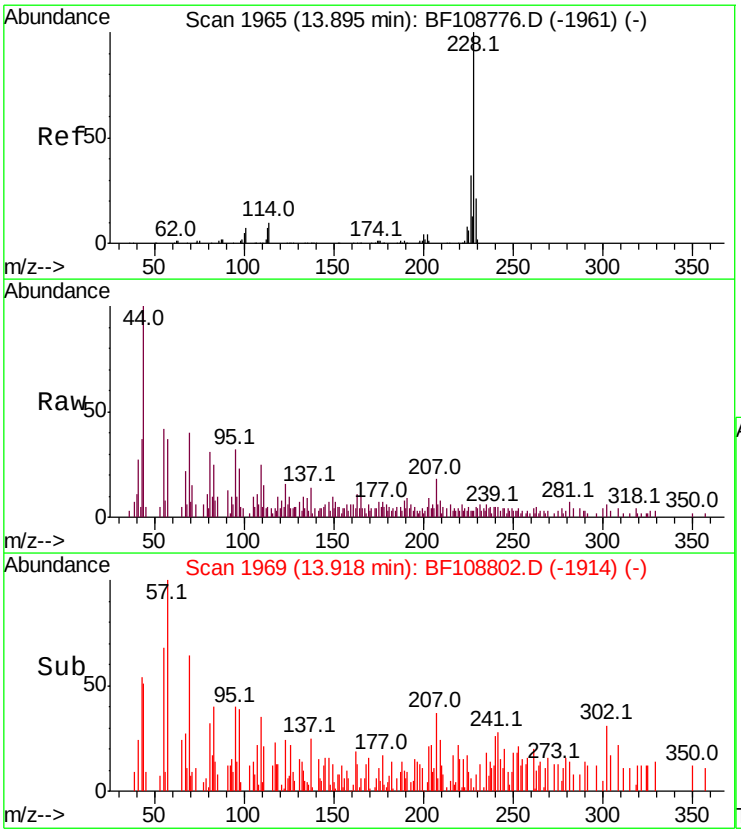
#81
3,3'-Dichlorobenzidine
Concen: 0.007 ng
RT: 13.82 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 107

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	131.1	11.3	16.9#

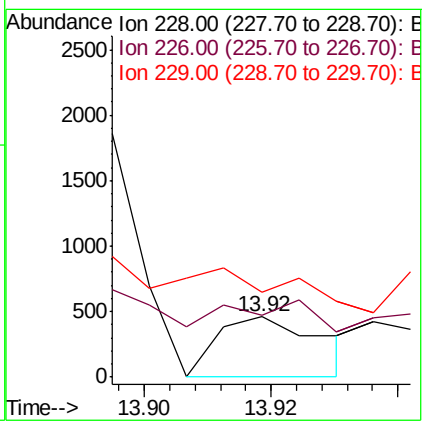


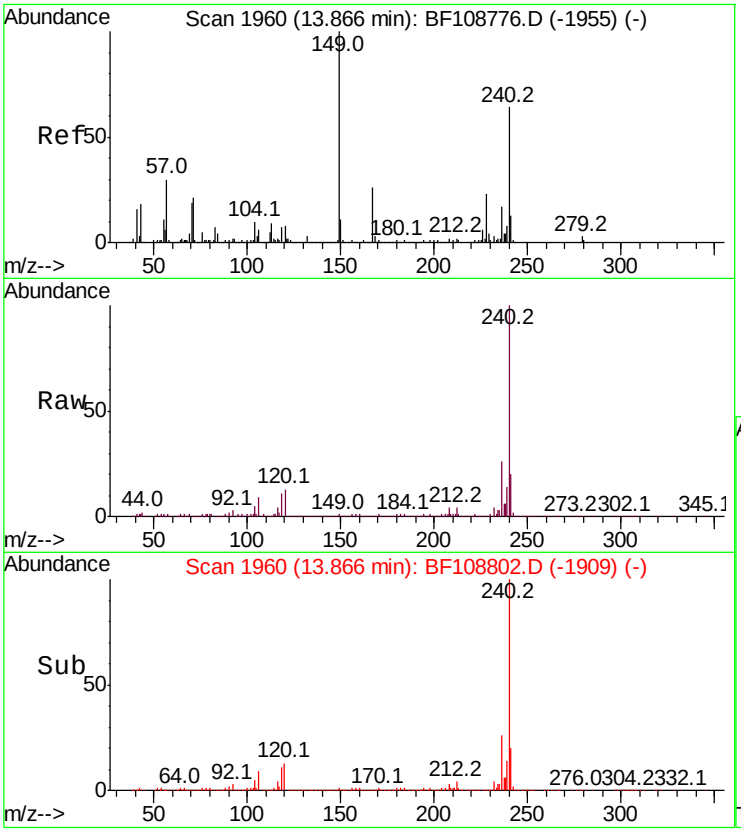


#82
Chrysene
Concen: 0.014 ng
RT: 13.92 min Scan# 1969
Delta R.T. 0.02 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:228 Resp: 521

Ion	Ratio	Lower	Upper
228	100		
226	102.8	25.0	37.6#
229	140.6	16.2	24.4#



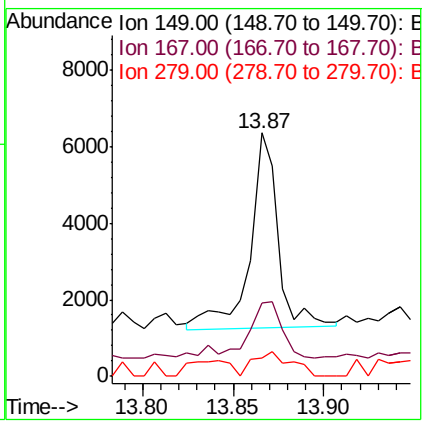


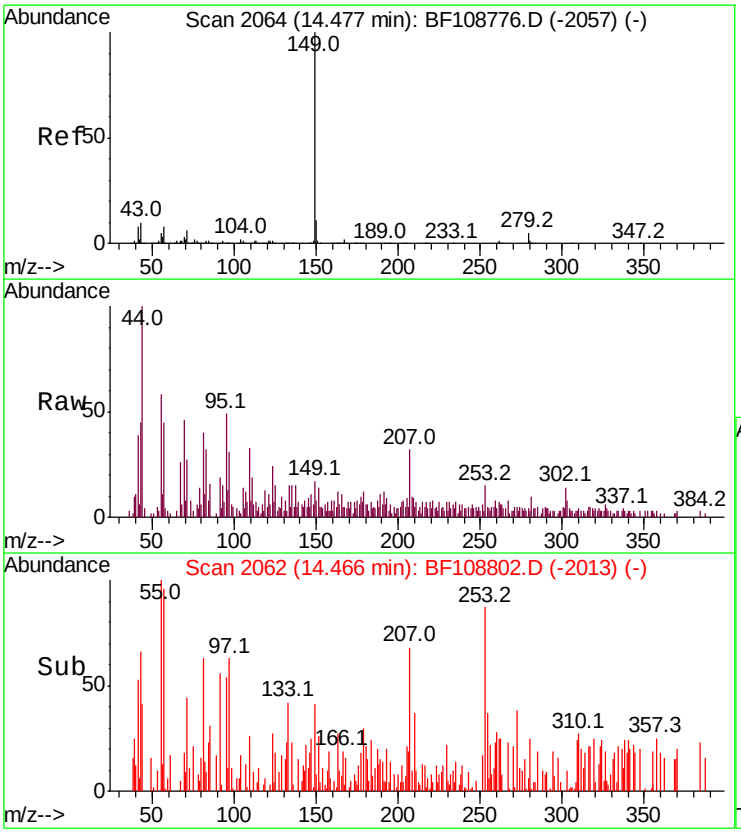
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.202 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5474

Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.3	31.9
279	7.4	3.0	4.4#

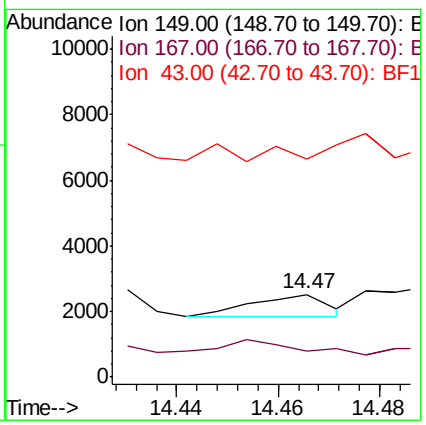


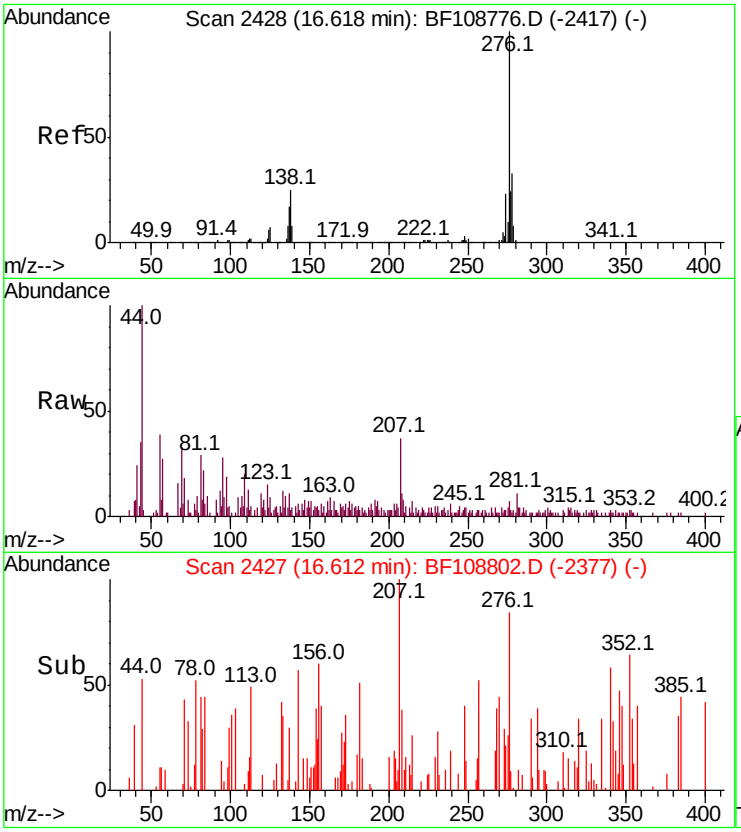


#84
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 14.47 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:149 Resp: 738

Ion	Ratio	Lower	Upper
149	100		
167	64.6	1.2	1.8#
43	0.0	8.4	12.6#



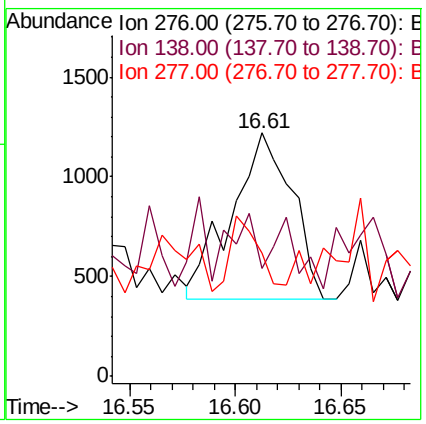


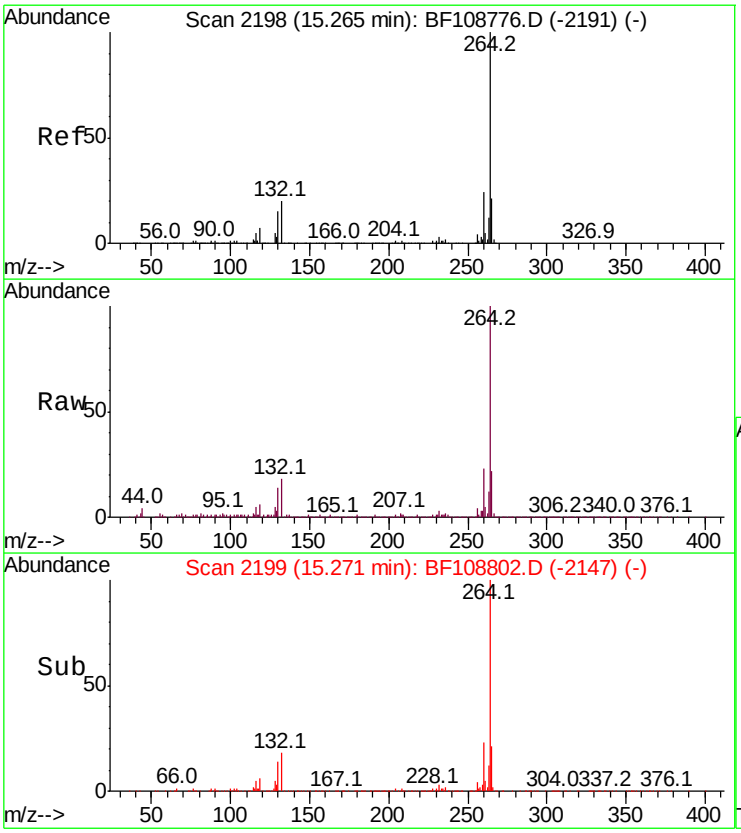
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 16.61 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1662

Ion	Ratio	Lower	Upper
276	100		
138	18.1	25.0	37.6#
277	20.8	20.1	30.1

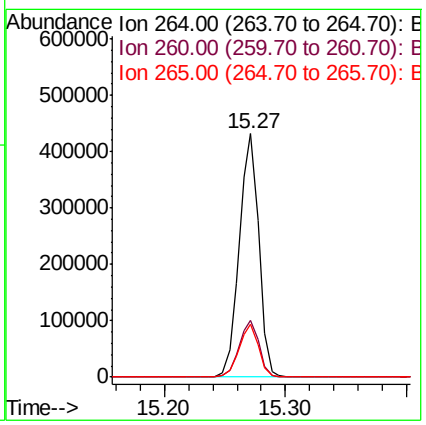


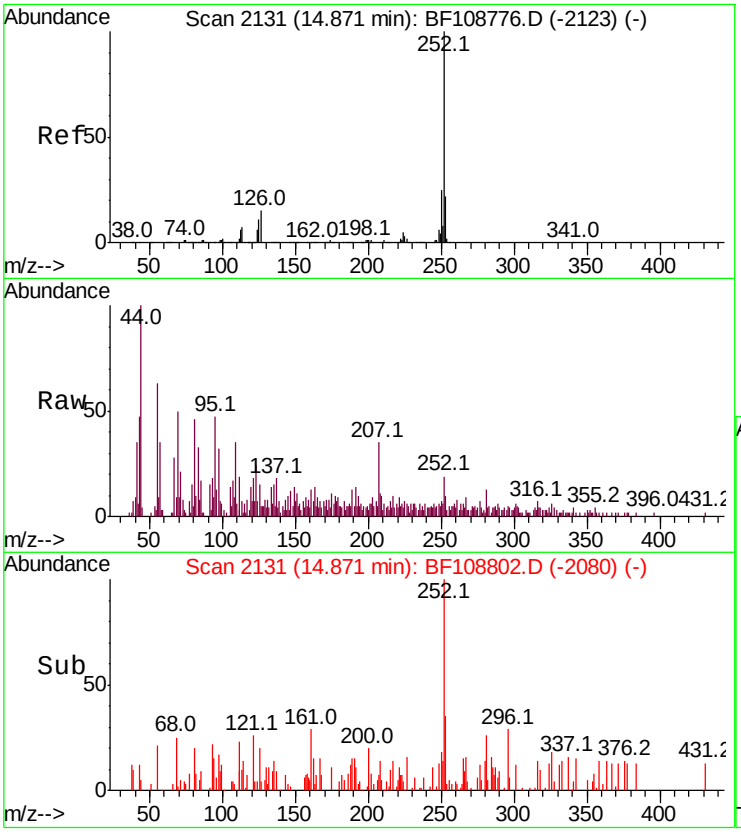


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:264 Resp: 486044

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3



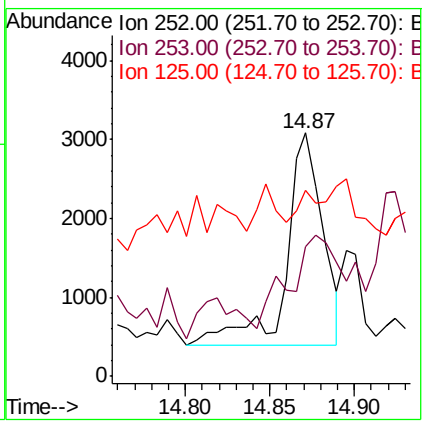


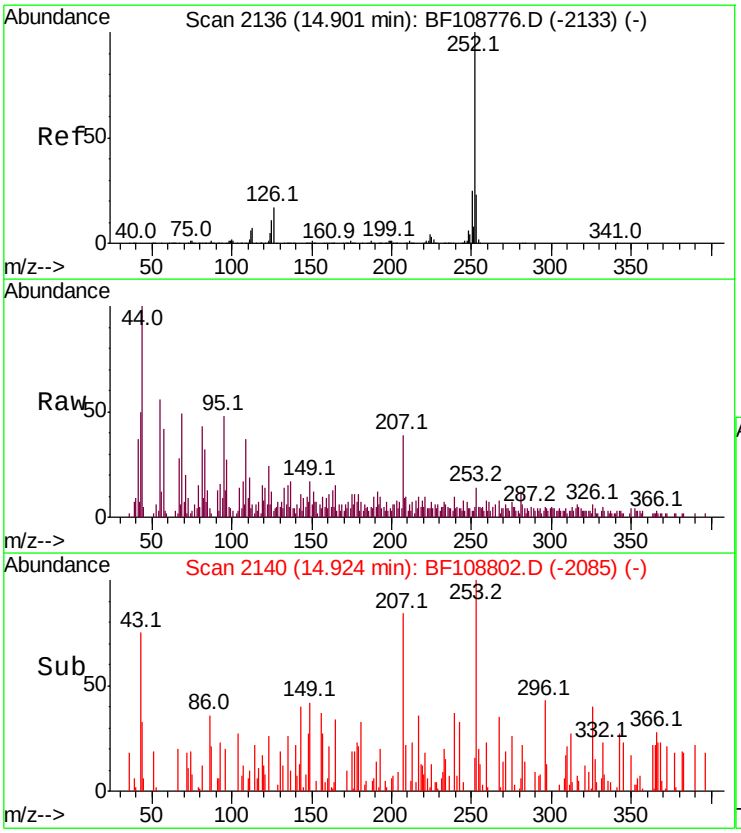
#87
Benzo(b)fluoranthene
Concen: 0.153 ng
RT: 14.87 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 4045

Ion	Ratio	Lower	Upper
252	100		
253	53.2	17.0	25.6#
125	76.6	9.0	13.6#

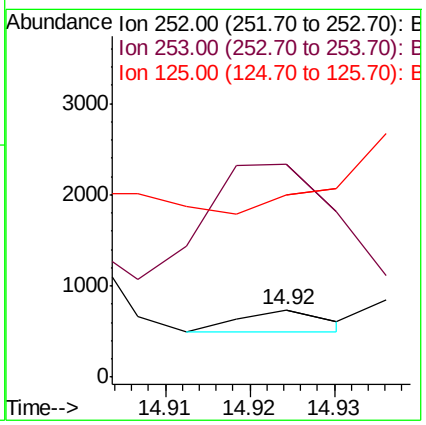


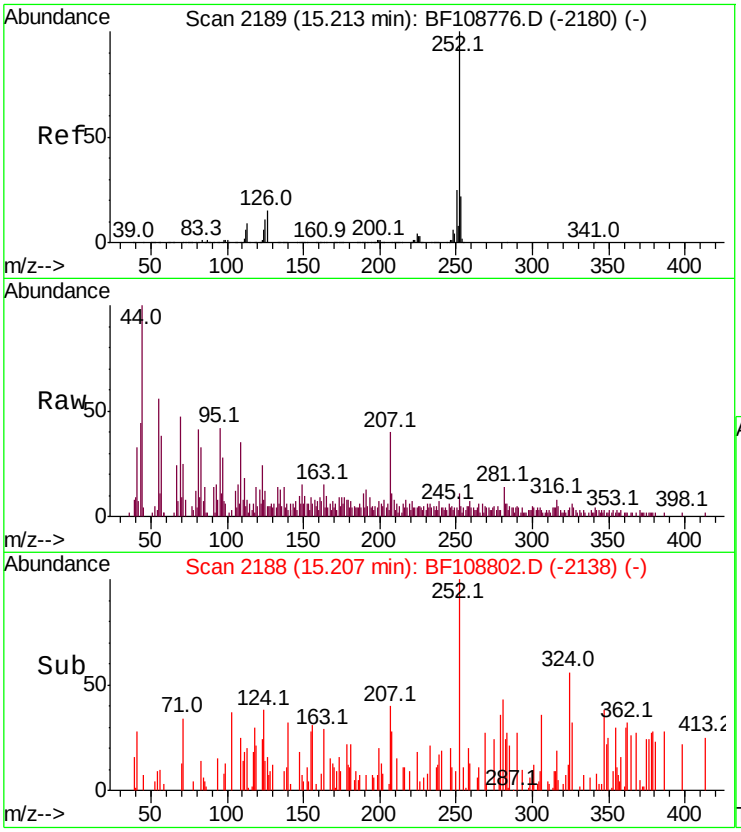


#88
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 14.92 min Scan# 2140
Delta R.T. 0.02 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:252 Resp: 169

Ion	Ratio	Lower	Upper
252	100		
253	317.8	17.9	26.9#
125	271.4	10.2	15.2#



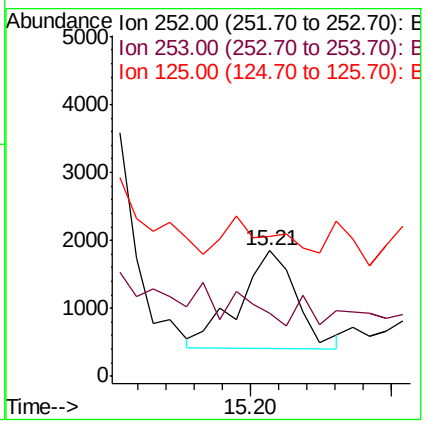


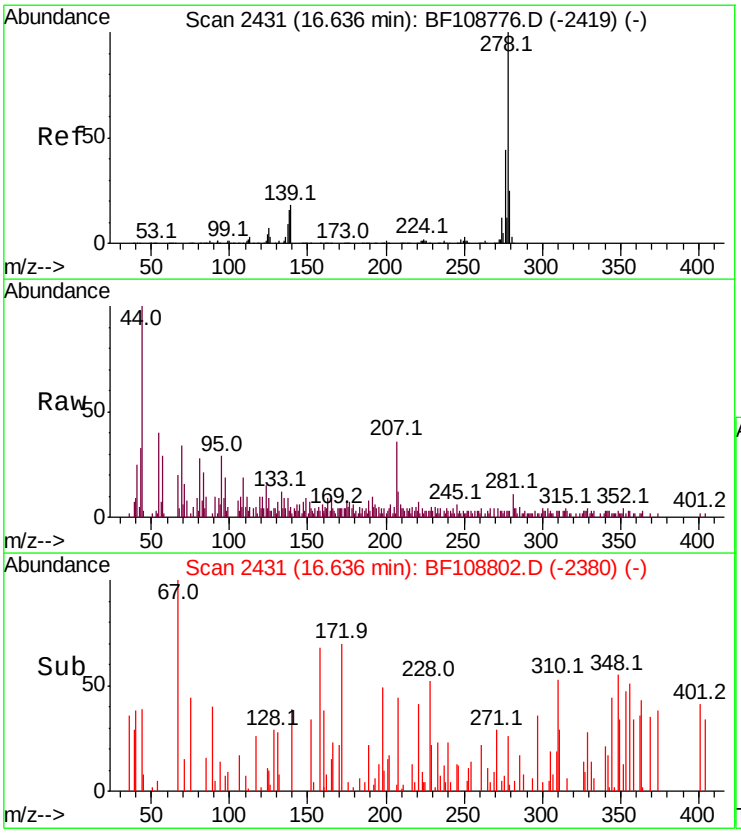
#89
Benzo(a)pyrene
Concen: 0.085 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2021

Ion	Ratio	Lower	Upper
252	100		
253	50.1	17.1	25.7#
125	111.6	9.8	14.6#

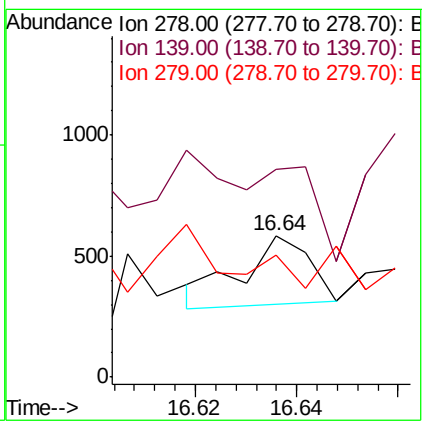


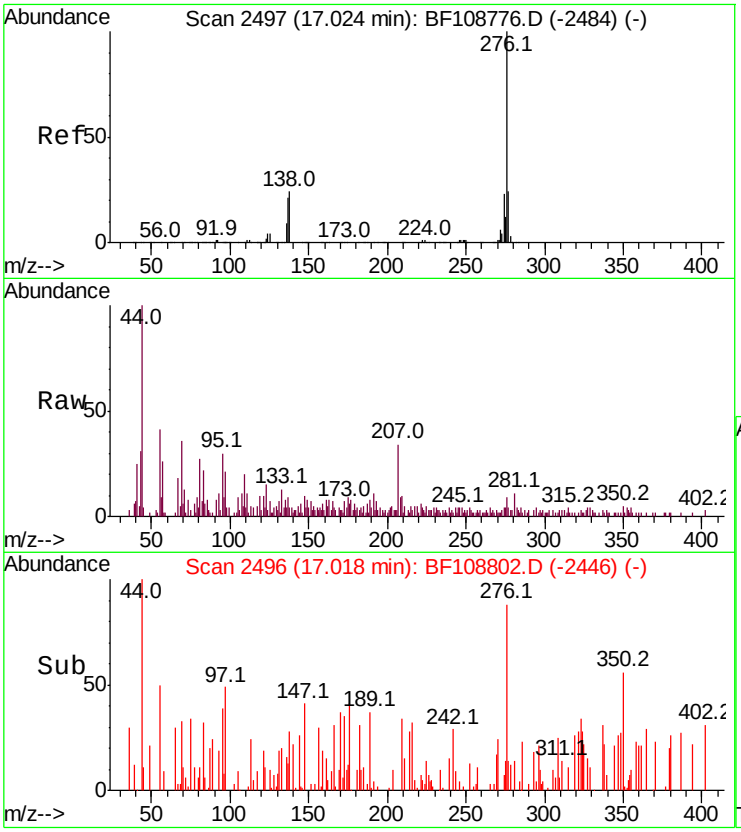


#90
Dibenzo(a,h)anthracene
Concen: 0.012 ng
RT: 16.64 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Tgt Ion:278 Resp: 261

Ion	Ratio	Lower	Upper
278	100		
139	146.1	15.9	23.9#
279	85.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.161 ng
RT: 17.02 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BF108802.D
Acq: 6 Sep 2018 4:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 3393

Ion	Ratio	Lower	Upper
276	100		
277	45.8	17.9	26.9#
138	48.0	21.8	32.8#