Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105151.D
Acq On : 8 May 2018 18:33
Operator : JU/SJ
Sample : J2683-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 050118-SIDI-E-D-M

Quant Time: May 08 19:19:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	240048	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	952236	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	470872	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	922820	20.00	ng	0.00
75) Chrysene-d12	14.00	240	816889	20.00	ng	-0.02
86) Perylene-d12	15.54	264	687241	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	651246	44.69	ng	0.00
7) Phenol-d6	6.41	99	502388	28.96	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1534658	109.23	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	536040	103.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	2678039	88.27	ng	0.00
78) Terphenyl-d14	12.92	244	3000375	85.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	275	0.036	ng	# 20
4) n-Nitrosodimethylamine	3.05	42	124	0.012	ng	# 44
6) Aniline	6.42	93	1381	0.055	ng	# 1
8) 2-Chlorophenol	6.57	128	501	0.032	ng	# 1
9) Benzaldehyde	6.41	77	1299	0.098	ng	# 1
10) Phenol	6.42	94	55606	2.880	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	1470	0.092	ng	# 1
12) 1,3-Dichlorobenzene	6.95	146	629	0.034	ng	# 1
13) 1,4-Dichlorobenzene	6.95	146	629	0.034	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	629	0.037	ng	# 1
15) Benzyl Alcohol	6.95	79	24843	1.871	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	7.21	45	129	0.004	ng	70
17) 2-Methylphenol	6.95	107	125	0.009	ng	# 1
20) 3+4-Methylphenols	7.19	107	113	0.007	ng	# 9
22) Acetophenone	7.19	105	673	0.030	ng	# 1
24) Nitrobenzene	7.36	77	4916	0.309	ng	# 33
27) 2,4-Dimethylphenol	7.74	122	114	0.008	ng	# 4
28) bis(2-Chloroethoxy)methane	8.08	93	381	0.020	ng	# 49
31) Naphthalene	8.09	128	1117	0.024	ng	# 67
36) 4-Chloro-3-methylphenol	8.35	107	249	0.018	ng	# 20
37) 2-Methylnaphthalene	8.78	142	379	0.012	ng	# 63
45) 1,1'-Biphenyl	9.25	154	9795	0.255	ng	97
46) 2-Chloronaphthalene	9.55	162	499	0.017	ng	# 1
49) Dimethylphthalate	9.54	163	131569	4.127	ng	98
51) Acenaphthene	9.83	154	1683	0.059	ng	# 4
52) 3-Nitroaniline	9.93	138	788	0.108	ng	# 33
54) Dibenzofuran	10.03	168	498	0.012	ng	# 72
57) Fluorene	10.62	166	20592	0.673	ng	# 83
59) Diethylphthalate	10.25	149	5473	0.175	ng	# 91
61) 4-Nitroaniline	10.51	138	249	0.034	ng	# 19
62) Azobenzene	10.54	77	1158	0.035	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	14253	0.495	ng	# 44
70) Phenanthrene	11.33	178	2421	0.050	ng	94
71) Anthracene	11.39	178	256	0.005	ng	# 60

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105151.D
Acq On : 8 May 2018 18:33
Operator : JU/SJ
Sample : J2683-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 050118-SIDI-E-D-M

Quant Time: May 08 19:19:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.32	167	118	0.003	ng	#	1
73) Di-n-butylphthalate	11.87	149	9866	0.207	ng	#	98
74) Fluoranthene	12.52	202	775	0.015	ng		62
76) Benzidine	12.91	184	36979	1.212	ng	#	96
77) Pyrene	12.75	202	675	0.011	ng	#	57
80) Benzo(a)anthracene	14.00	228	2604	0.053	ng	#	56
82) Chrysene	14.00	228	2604	0.051	ng	#	54
83) Bis(2-ethylhexyl)phthalate	13.99	149	1596	0.065	ng	#	89
89) Benzo(a)pyrene	15.54	252	2320	0.061	ng	#	84

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
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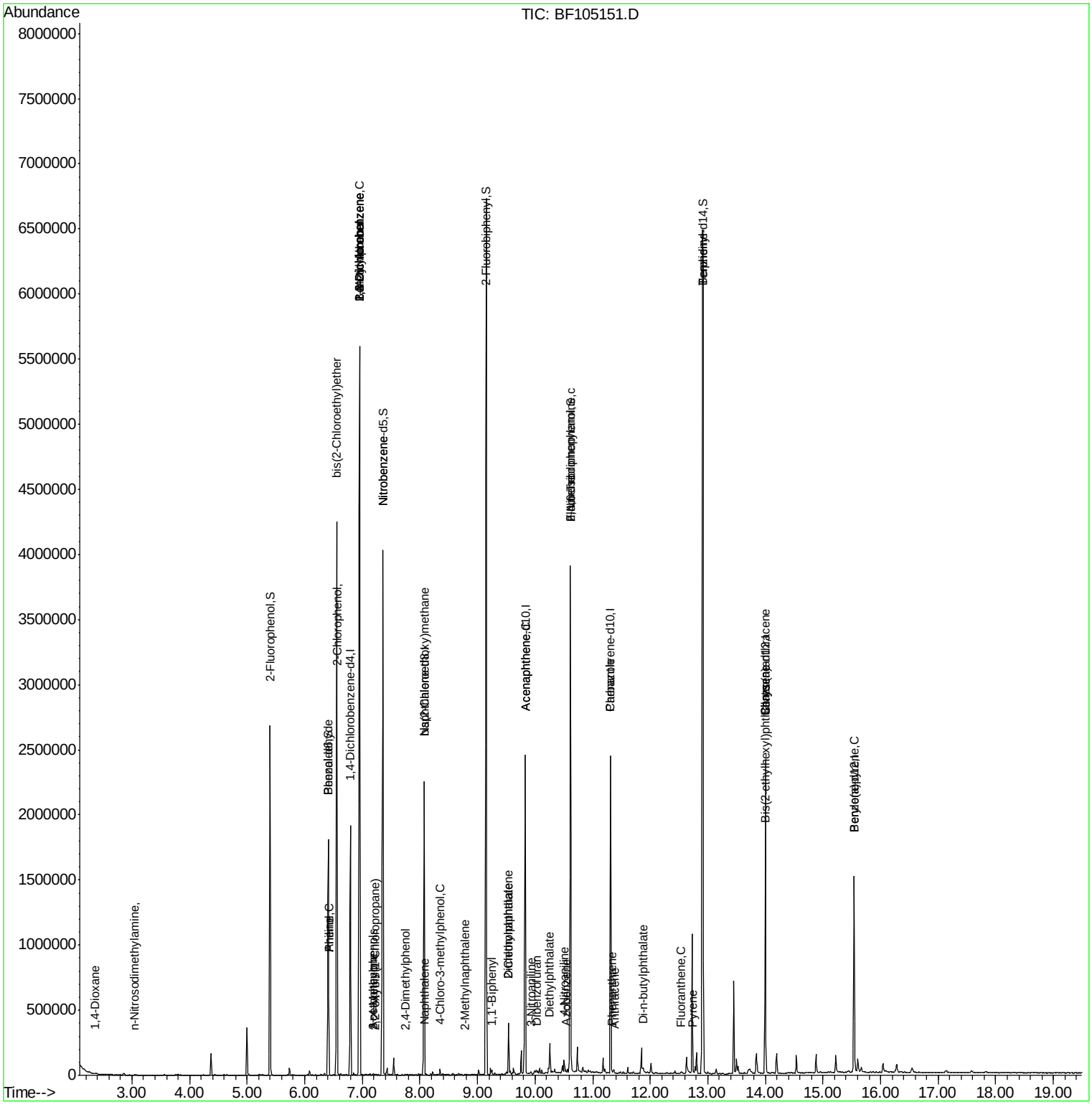
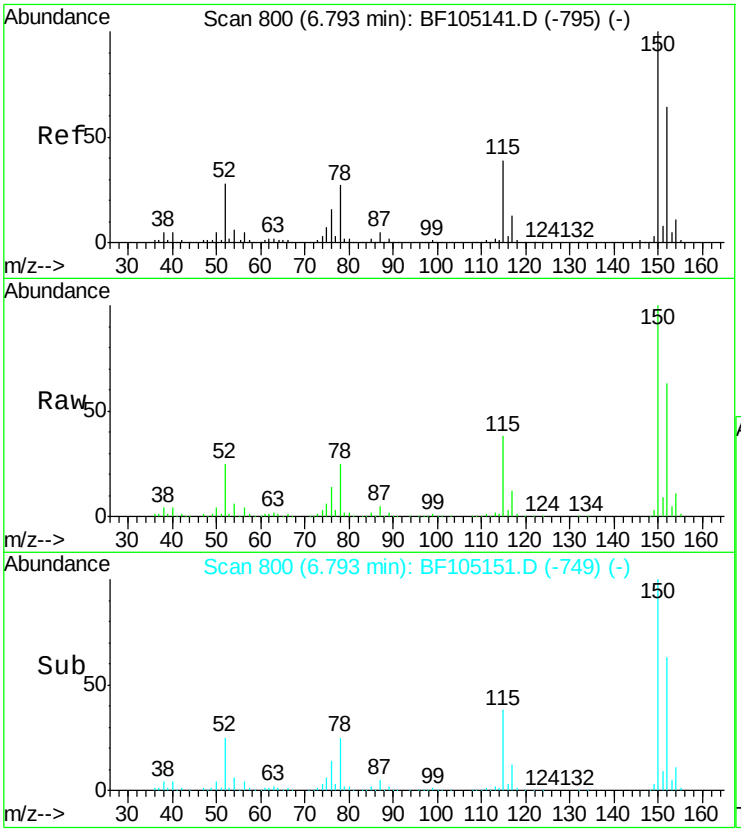


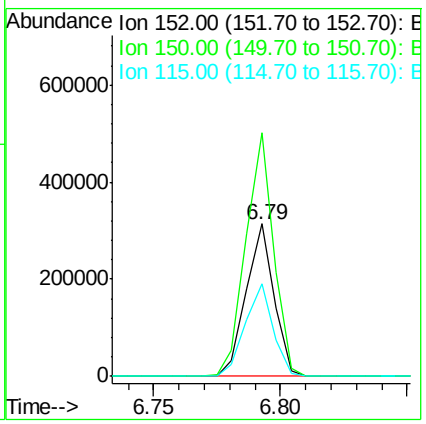


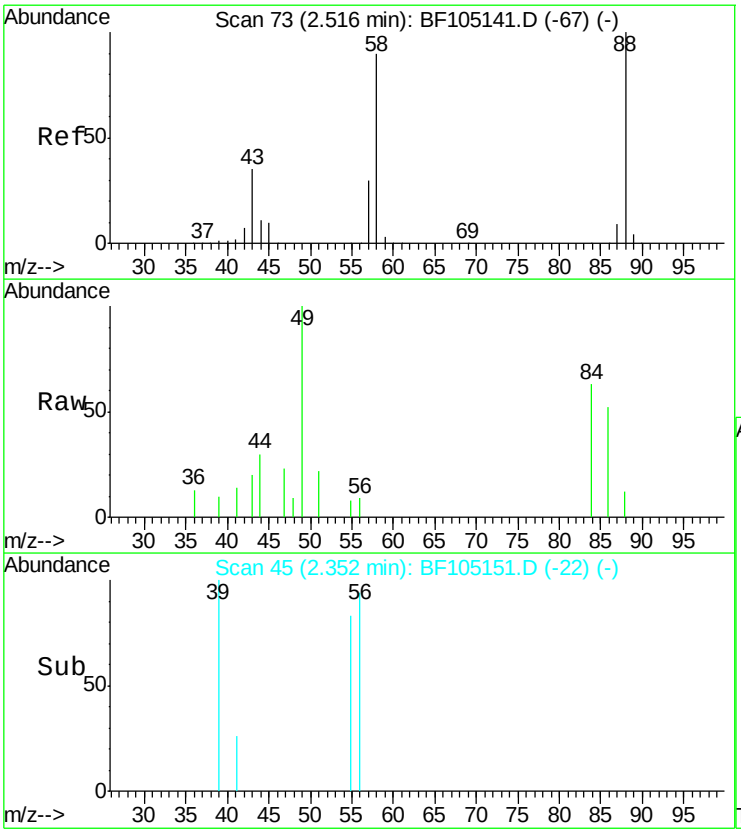
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:152 Resp: 240048

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	61.0	50.1	75.1

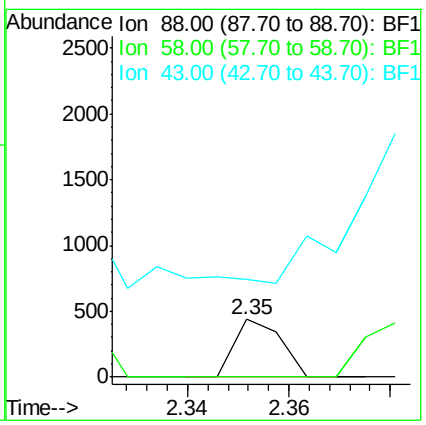


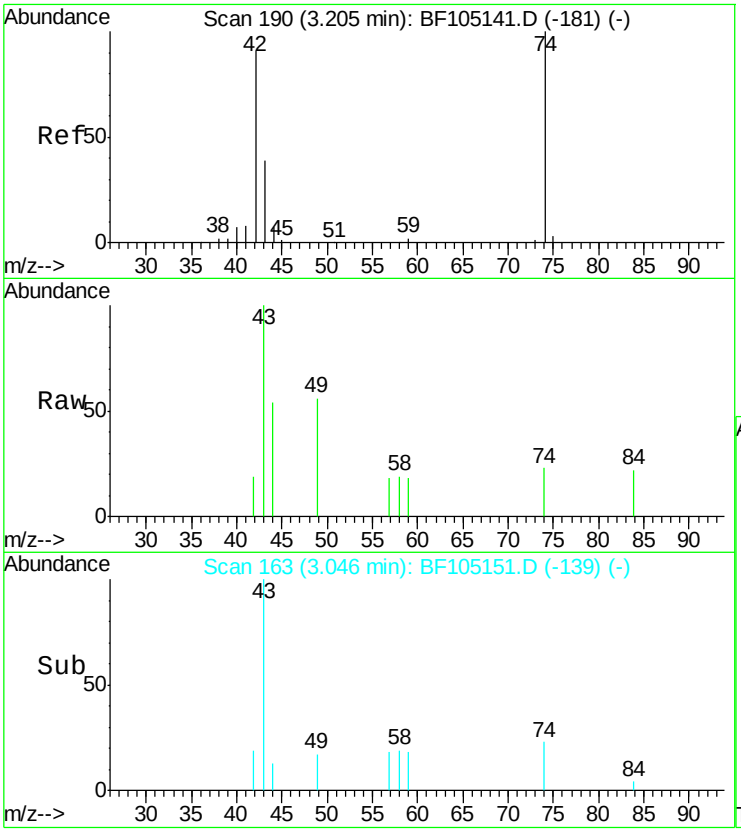


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.16 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 88 Resp: 275

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



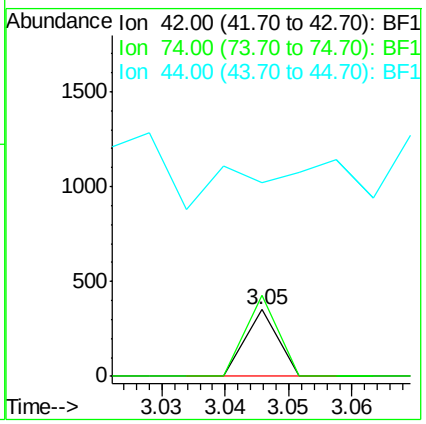


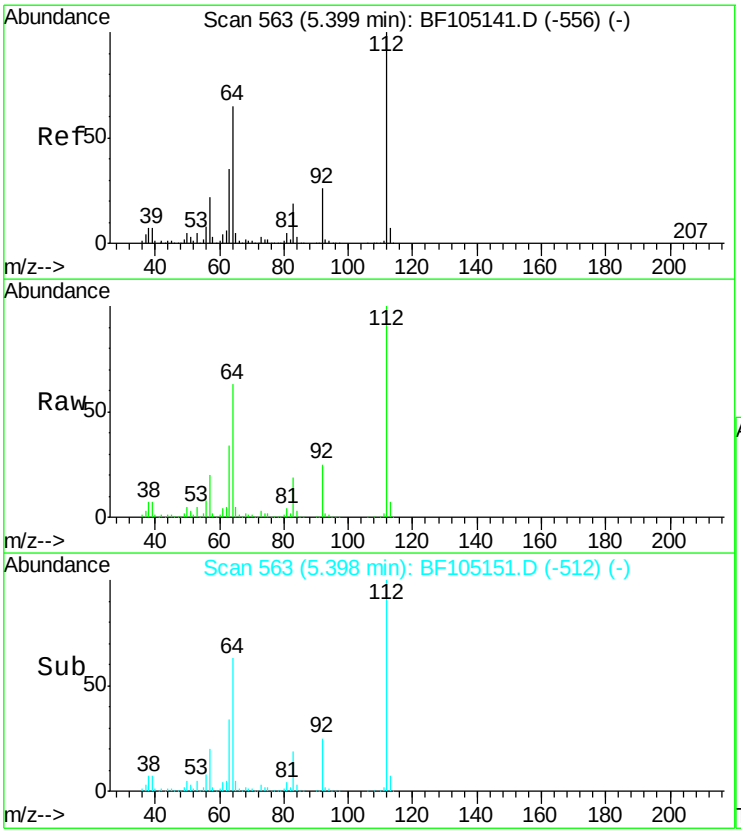
#4
n-Nitrosodimethylamine
Concen: 0.012 ng
RT: 3.05 min Scan# 163
Delta R.T. -0.16 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	121.6	104.9	157.3
44	289.2	6.9	10.3#

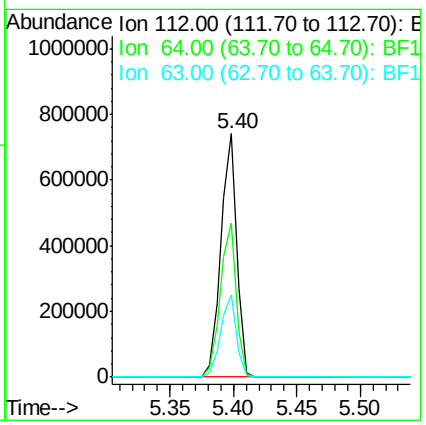


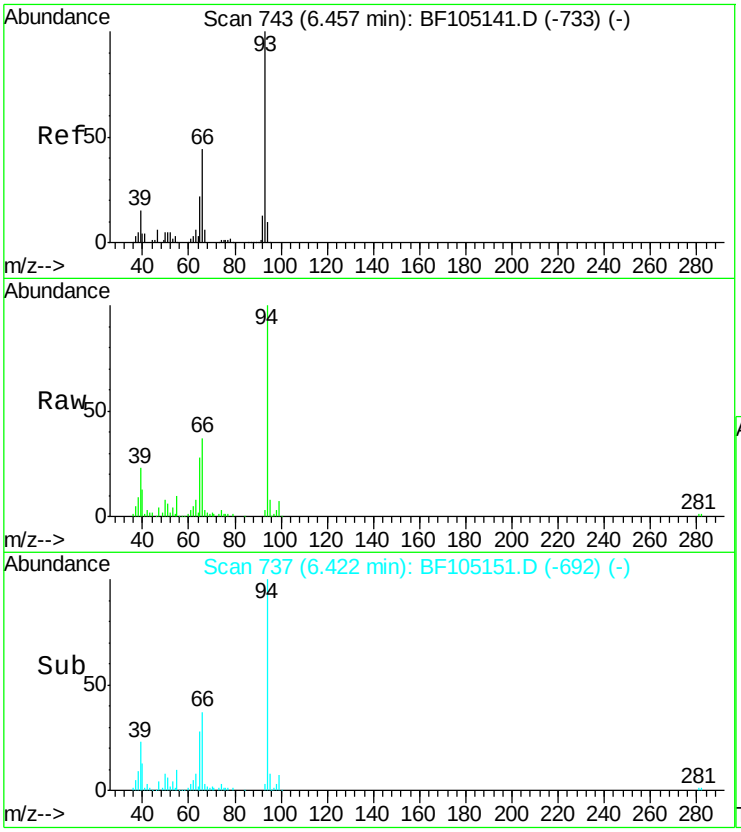


#5
2-Fluorophenol
Concen: 44.695 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:112 Resp: 651246

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	33.6	23.7	35.5



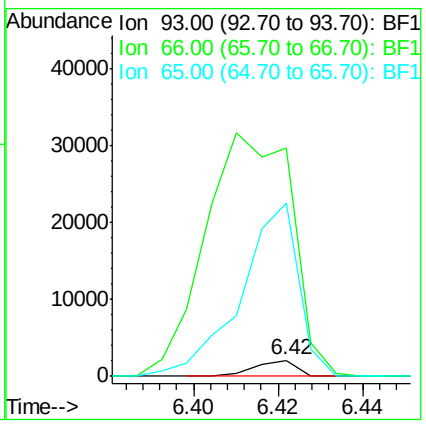


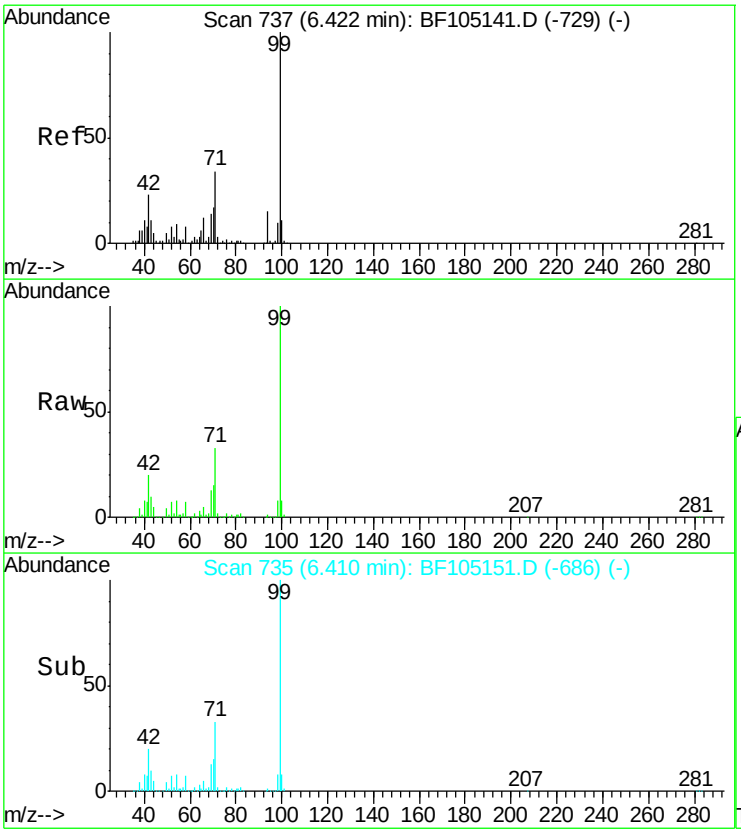
#6
Aniline
Concen: 0.055 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.04 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 93 Resp: 1381

Ion	Ratio	Lower	Upper
93	100		
66	1422.0	32.2	48.2#
65	1080.2	16.4	24.6#

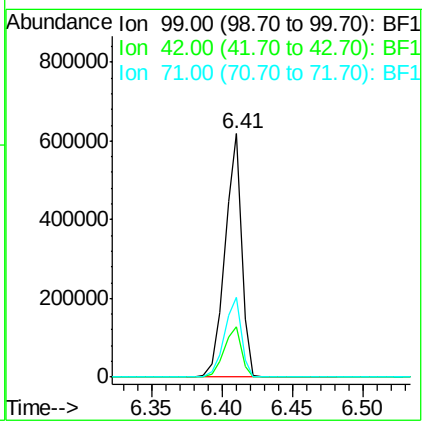


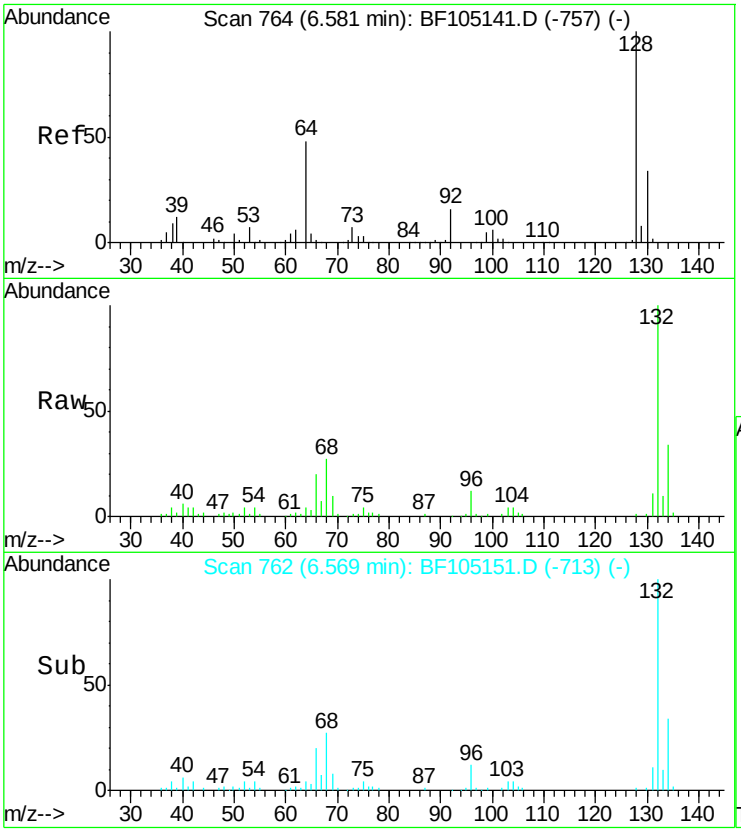


#7
Phenol-d6
Concen: 28.956 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 99 Resp: 502388

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.9	25.4	38.0



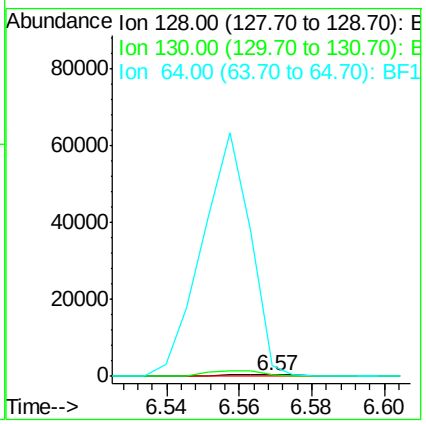


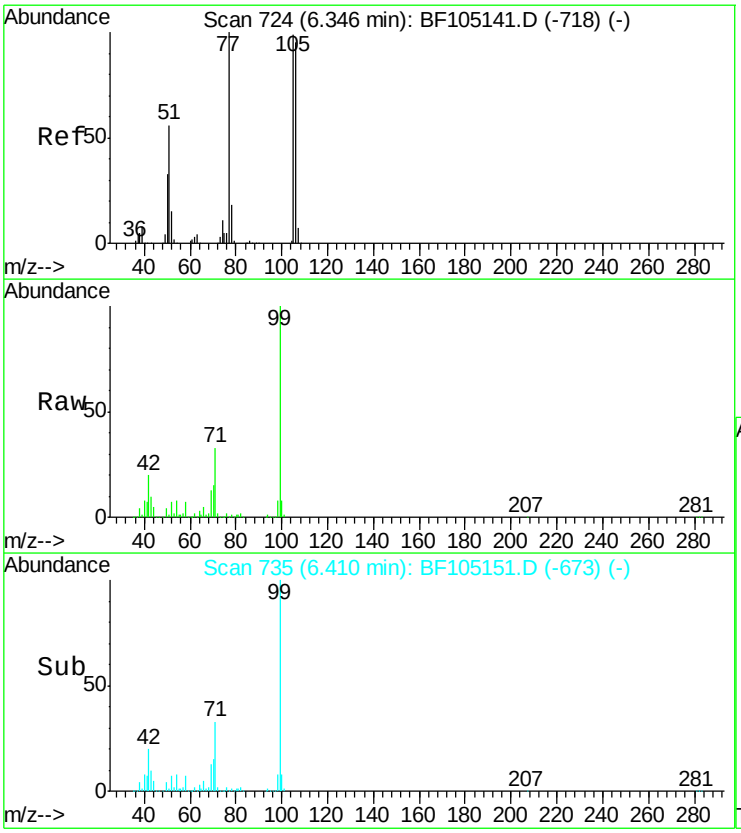
#8
2-Chlorophenol
Concen: 0.032 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:128 Resp: 501

Ion	Ratio	Lower	Upper
128	100		
130	139.7	13.0	53.0#
64	704.3	29.4	69.4#

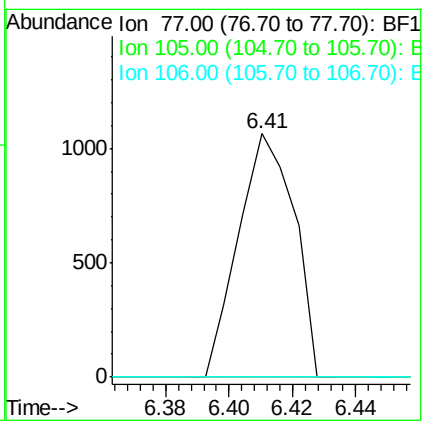


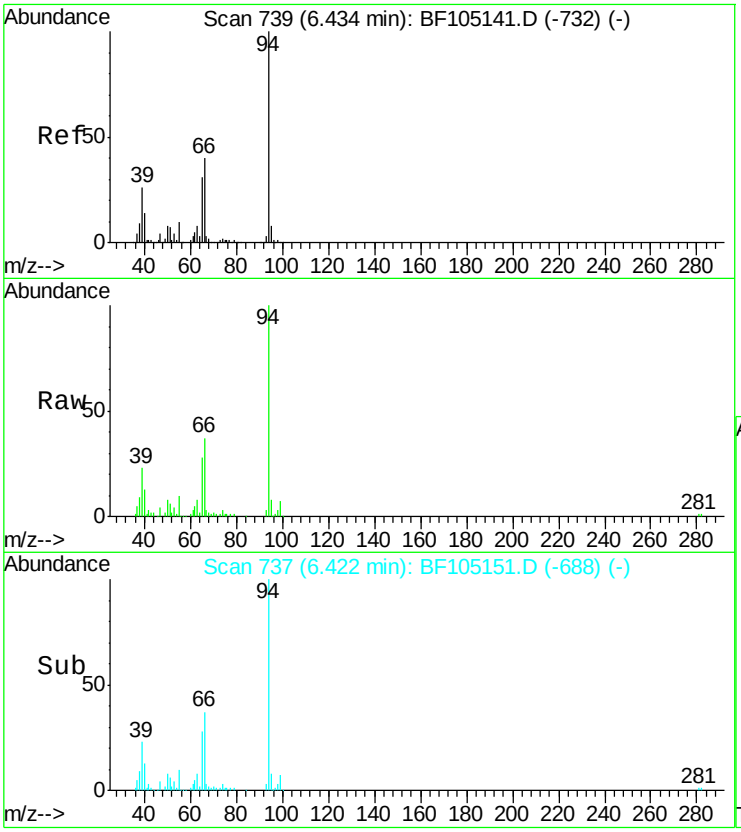


#9
Benzaldehyde
Concen: 0.098 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.06 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 77 Resp: 1299

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



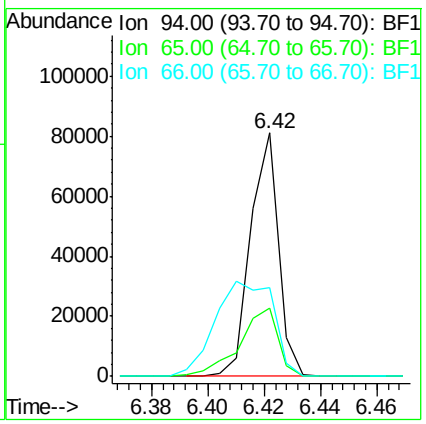


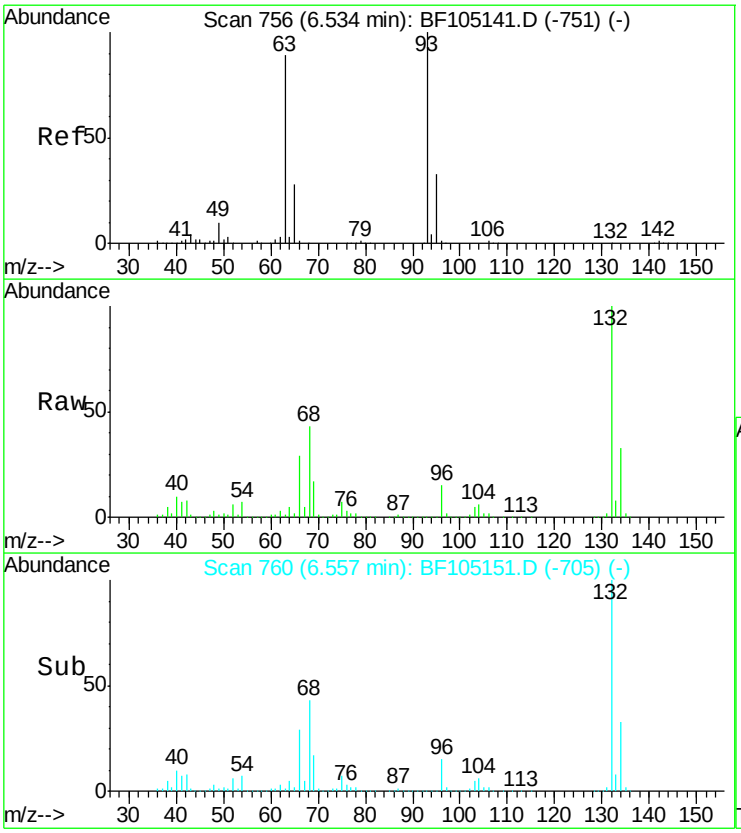
#10
Phenol
Concen: 2.880 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 94 Resp: 55606

Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	36.6	16.2	56.2

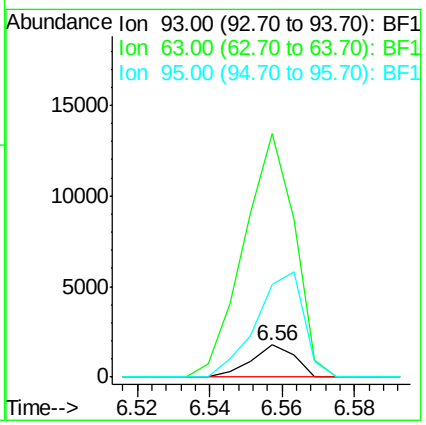


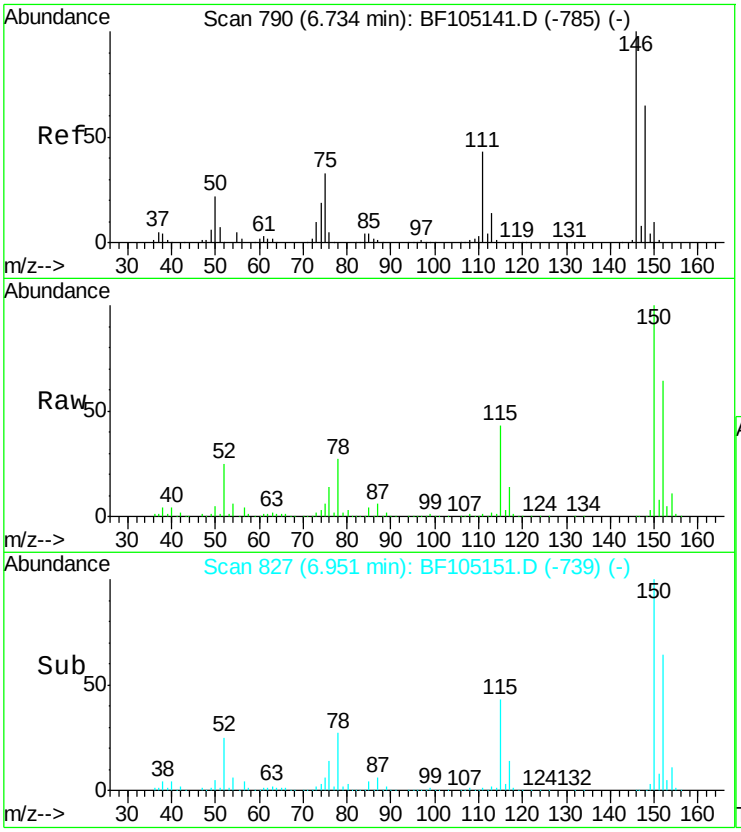


#11
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 93 Resp: 1470

Ion	Ratio	Lower	Upper
93	100		
63	755.3	58.6	98.6#
95	287.2	11.8	51.8#



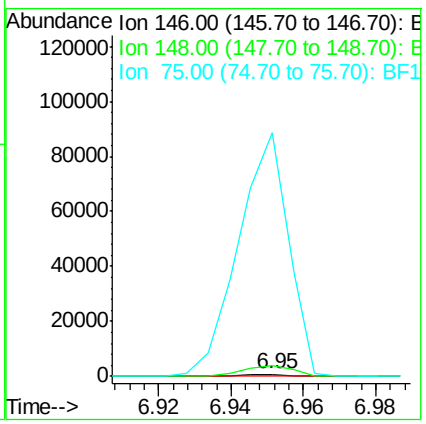


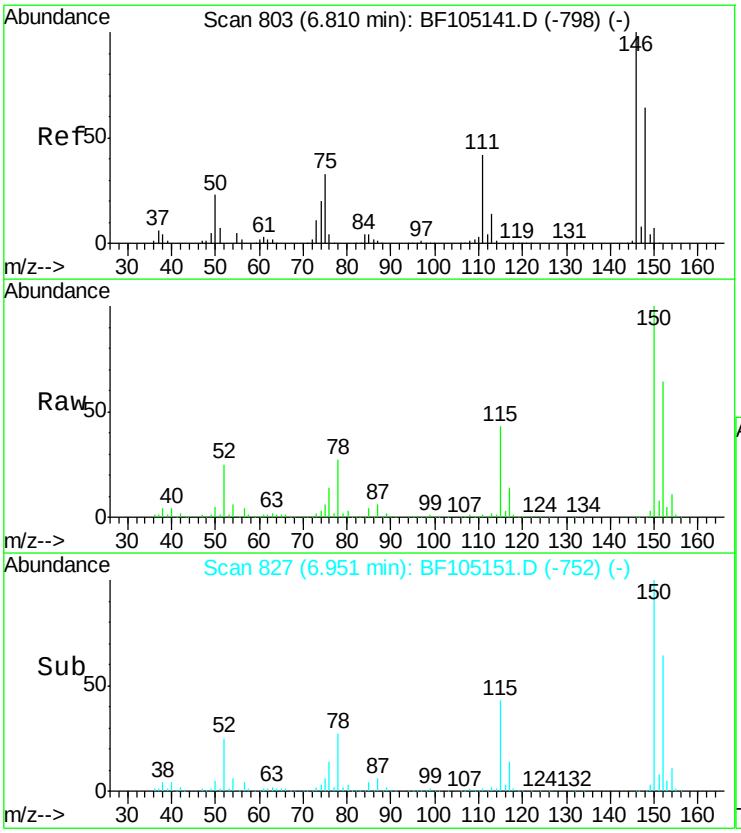
#12
1,3-Dichlorobenzene
Concen: 0.034 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.22 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:146 Resp: 629

Ion	Ratio	Lower	Upper
146	100		
148	521.9	51.8	77.8#
75	12420.8	24.2	36.4#

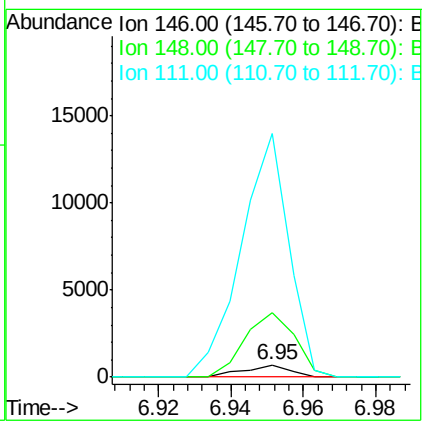


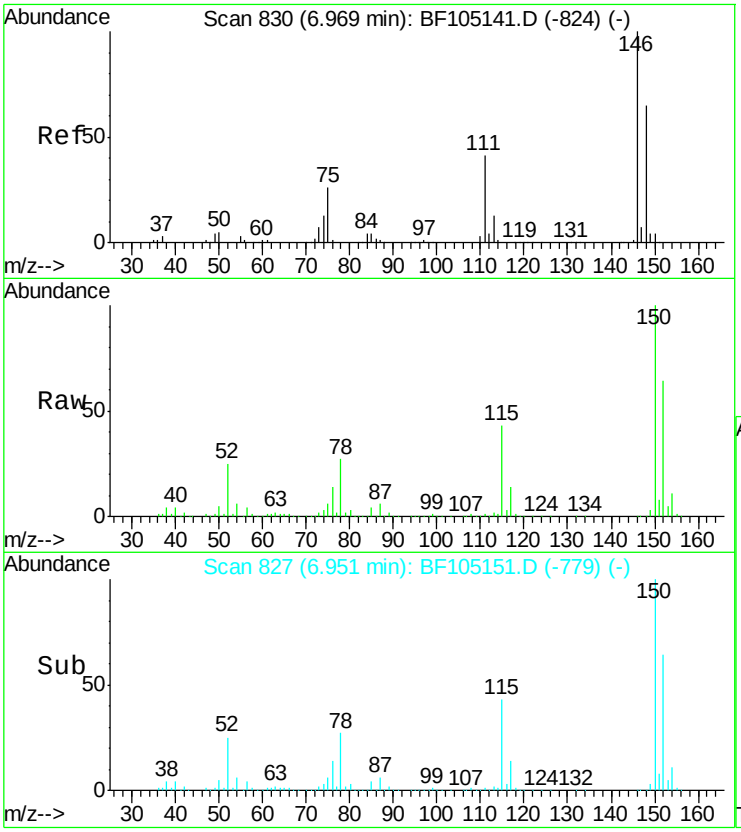


#13
1,4-Dichlorobenzene
Concen: 0.034 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.14 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:146 Resp: 629

Ion	Ratio	Lower	Upper
146	100		
148	521.9	50.8	76.2#
111	1960.6	34.2	51.2#



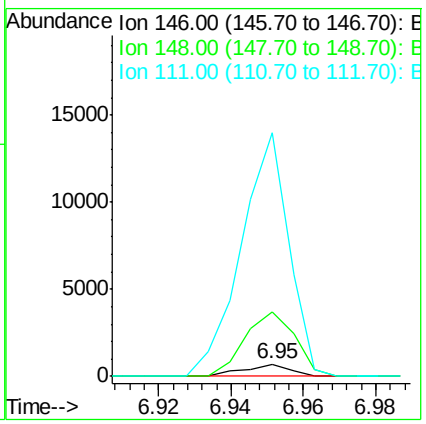


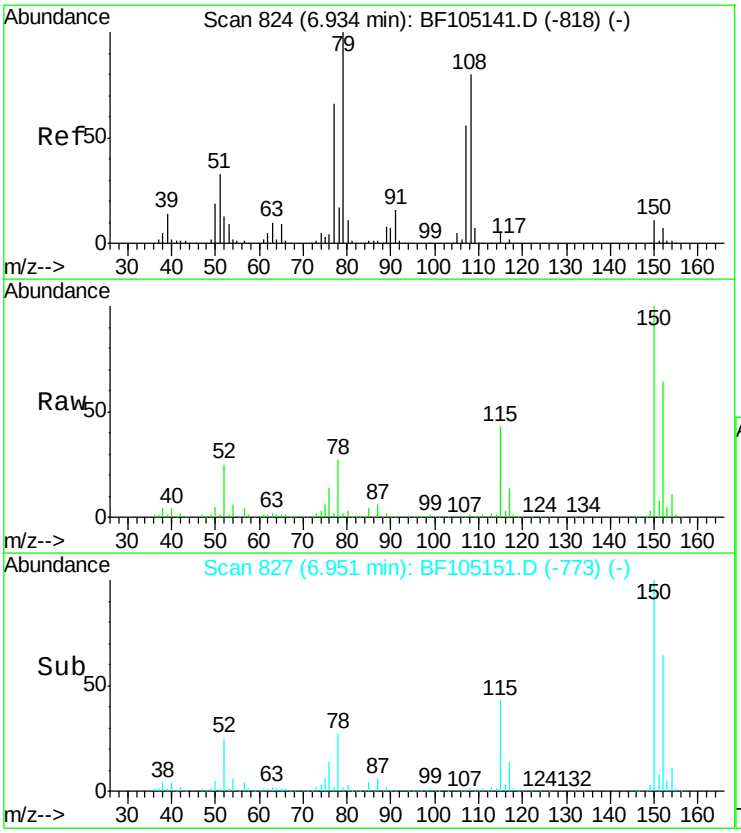
#14
1,2-Dichlorobenzene
Concen: 0.037 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:146 Resp: 629

Ion	Ratio	Lower	Upper
146	100		
148	521.9	50.6	75.8#
111	1960.6	36.0	54.0#

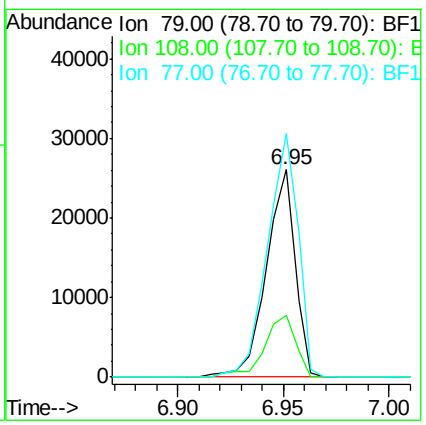


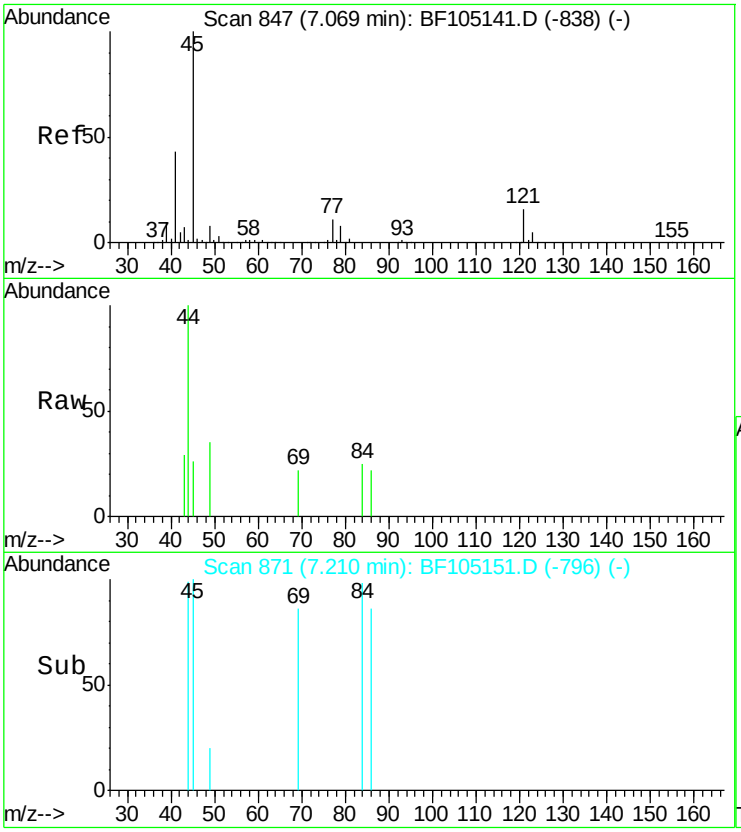


#15
Benzyl Alcohol
Concen: 1.871 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 79 Resp: 24843

Ion	Ratio	Lower	Upper
79	100		
108	30.1	65.1	97.7#
77	117.3	50.6	75.8#



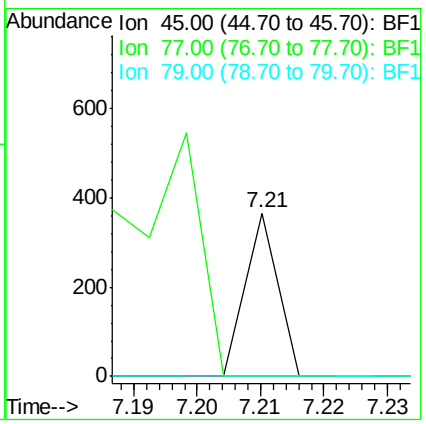


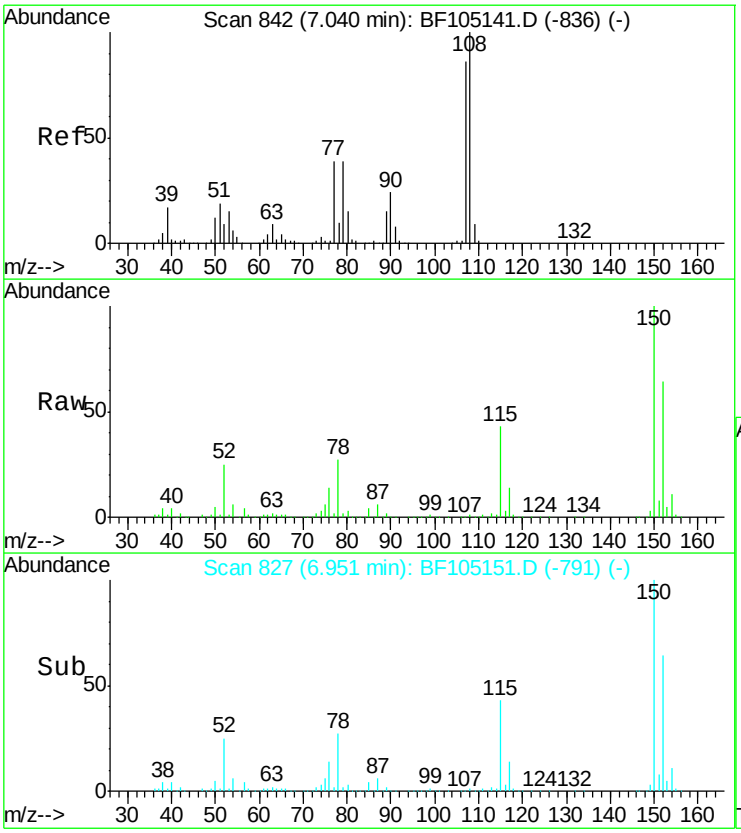
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.14 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 45 Resp: 129

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.9
79	0.0	0.0	29.6

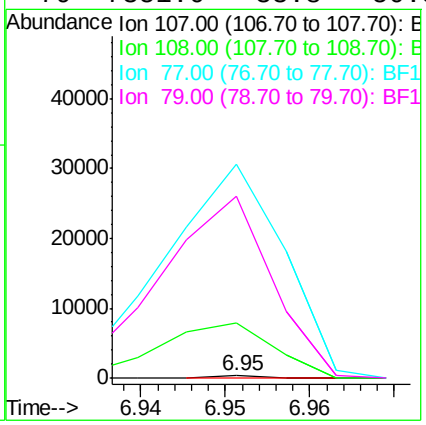


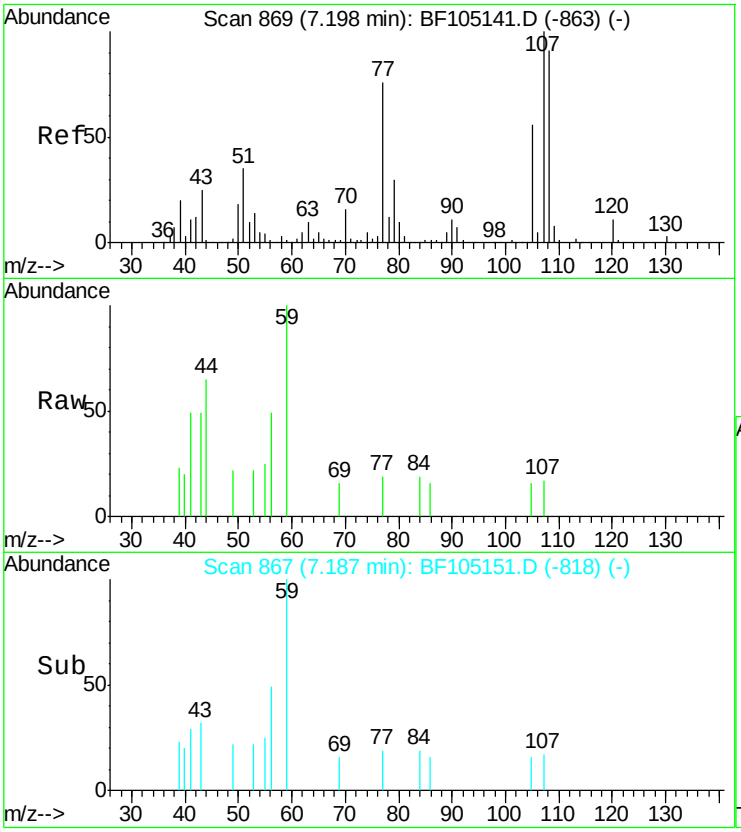


#17
2-Methylphenol
Concen: 0.009 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.09 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:107 Resp: 125

Ion	Ratio	Lower	Upper
107	100		
108	2211.0	91.7	137.5#
77	8622.0	33.8	50.8#
79	7351.0	33.8	50.8#



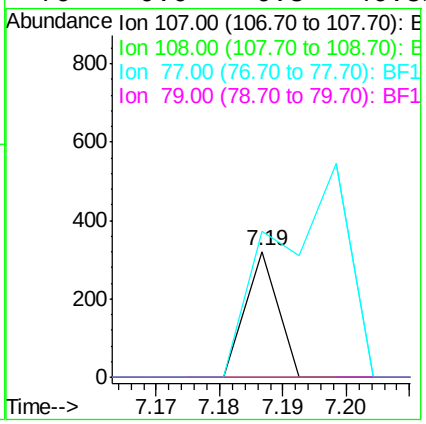


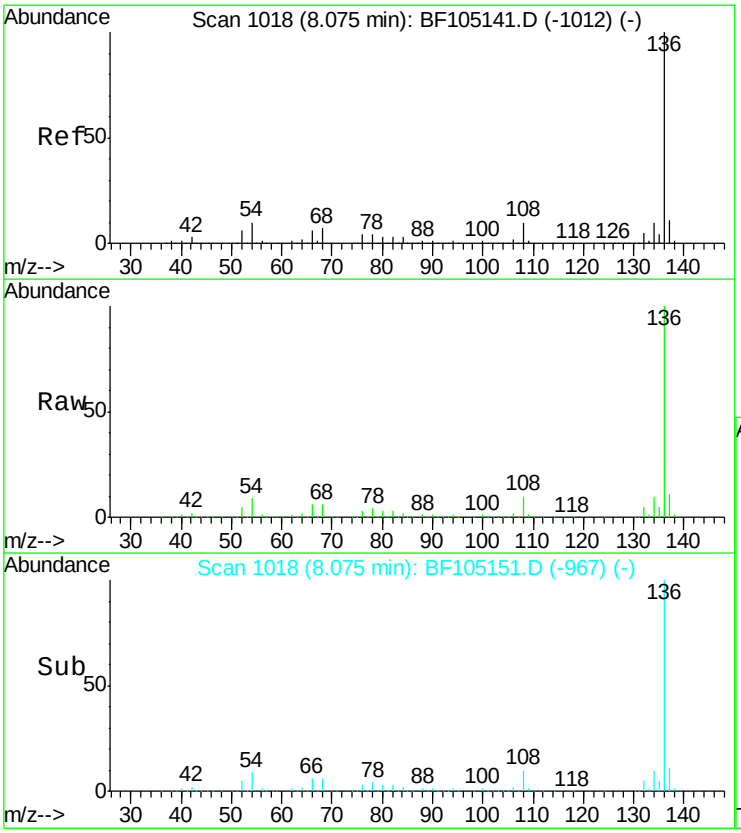
#20
3+4-Methylphenols
Concen: 0.007 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:107 Resp: 113

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	116.5	26.7	66.7#
79	0.0	6.3	46.3#

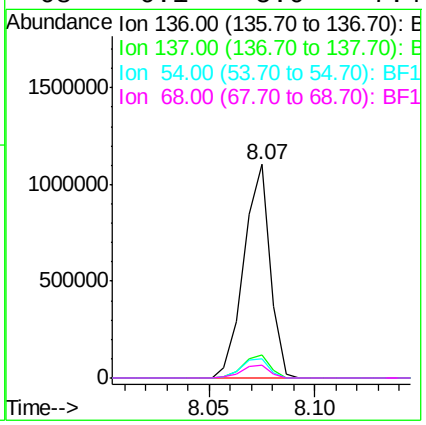


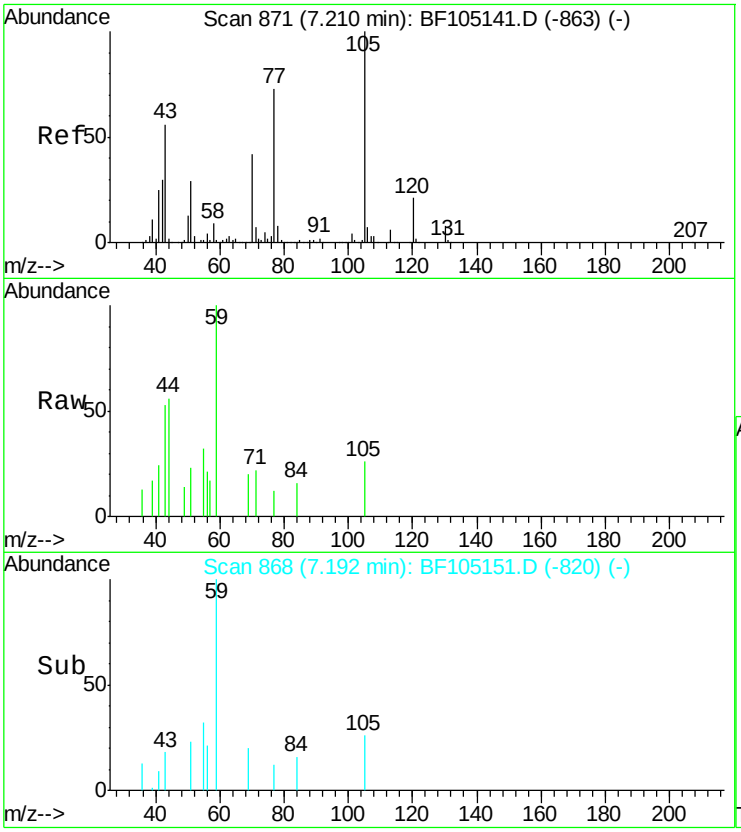


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:136 Resp: 952236

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.2	6.6	9.8
68	6.1	5.0	7.4



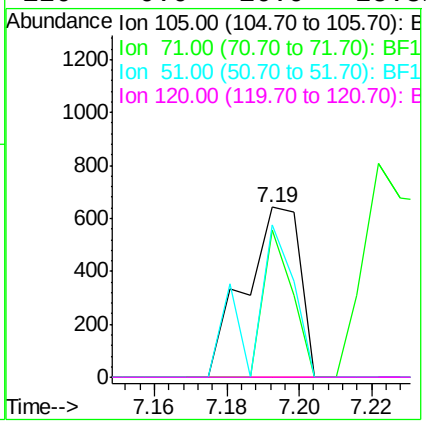


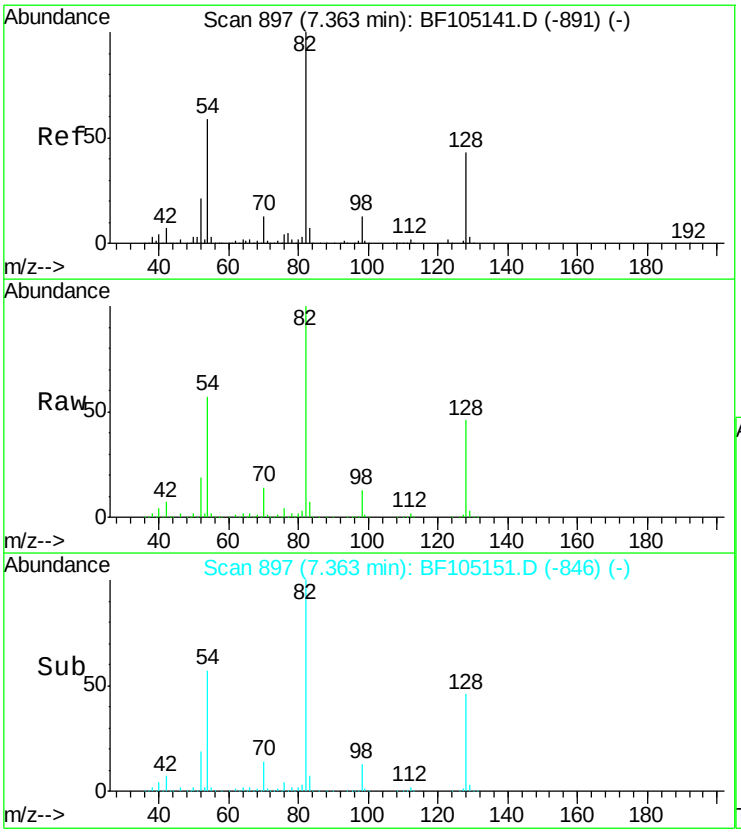
#22
Acetophenone
Concen: 0.030 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:105 Resp: 673

Ion	Ratio	Lower	Upper
105	100		
71	86.6	4.4	6.6#
51	89.6	22.3	33.5#
120	0.0	16.9	25.3#

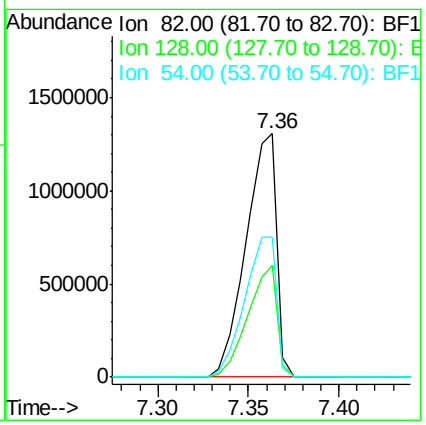


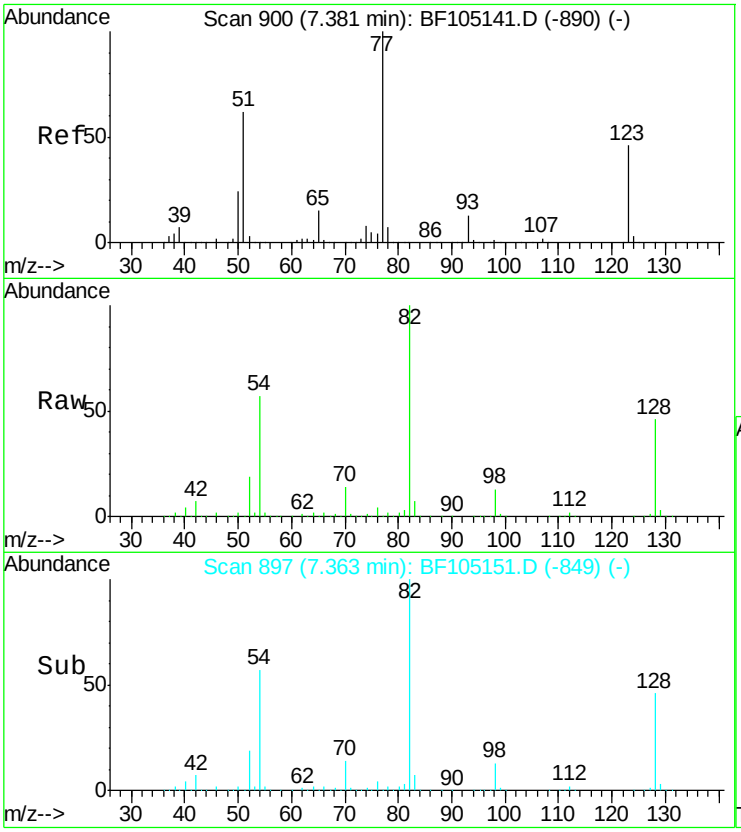


#23
Nitrobenzene-d5
Concen: 109.226 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion: 82 Resp: 1534658

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	57.3	41.4	62.2



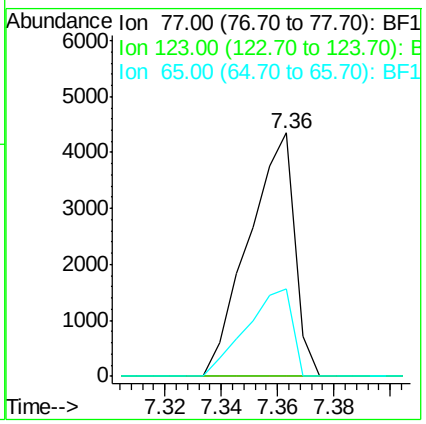


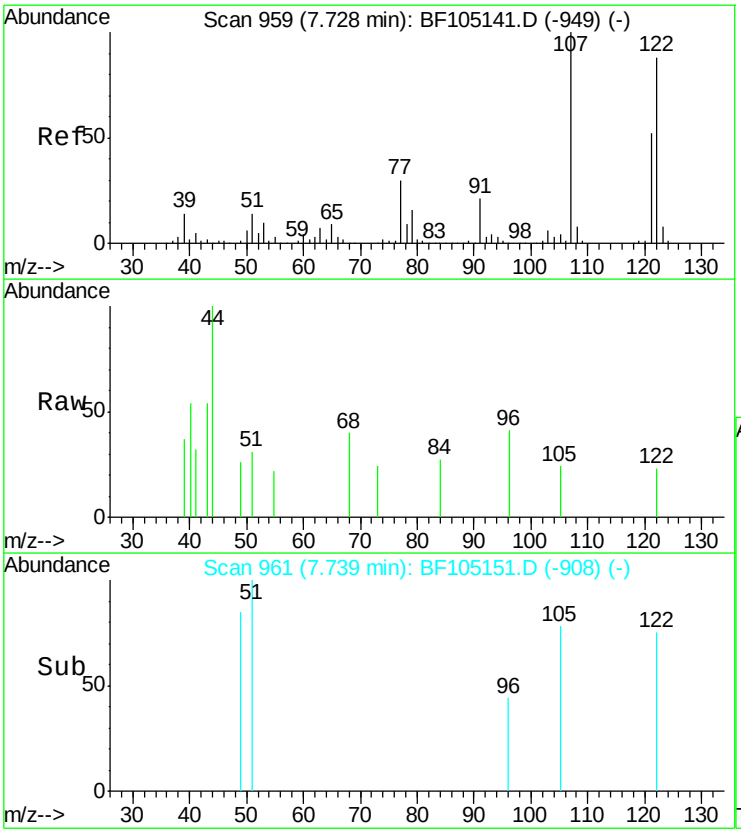
#24
Nitrobenzene
Concen: 0.309 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 77 Resp: 4916

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	36.0	11.0	16.4#

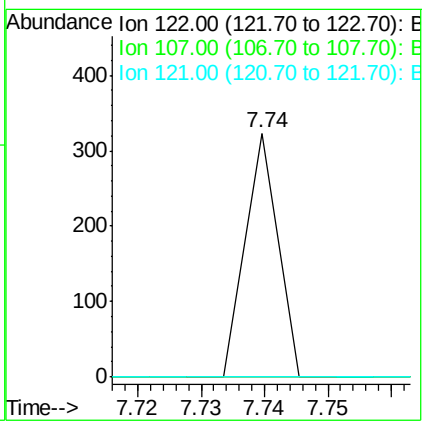


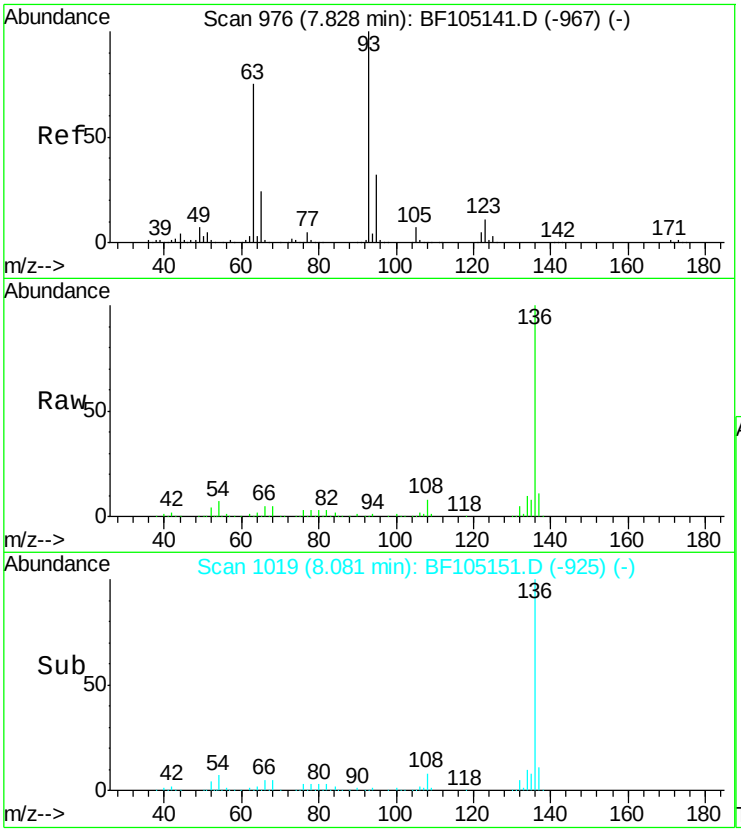


#27
2,4-Dimethylphenol
Concen: 0.008 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



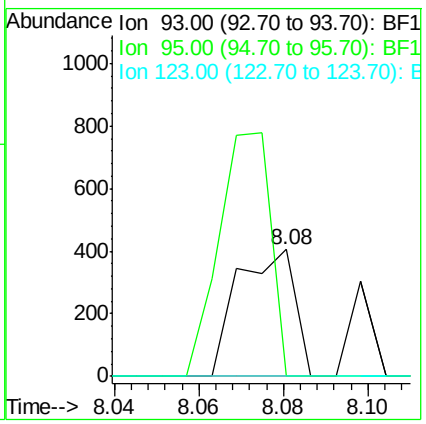


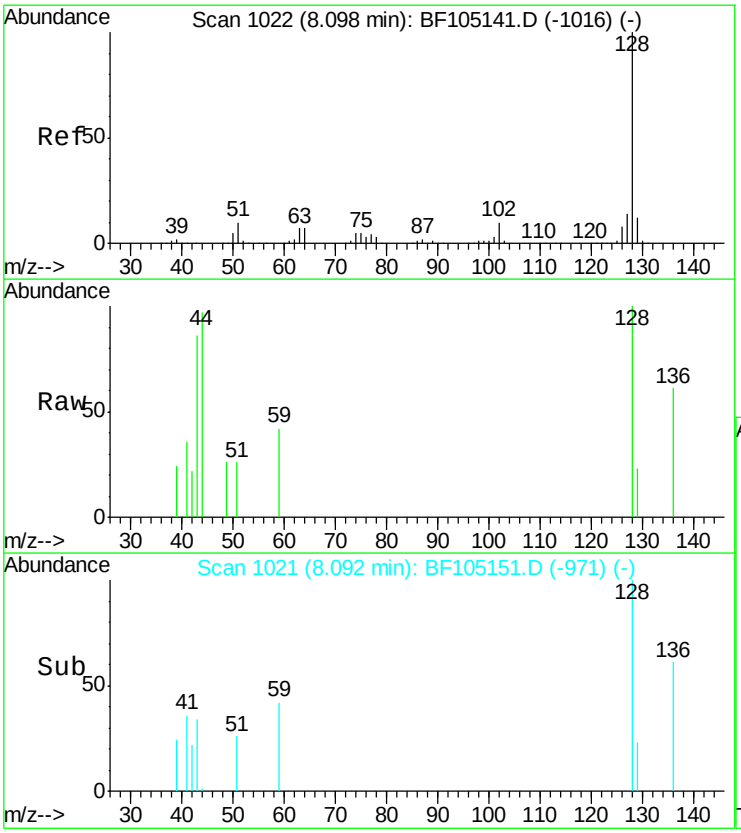
#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.25 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 93 Resp: 381

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

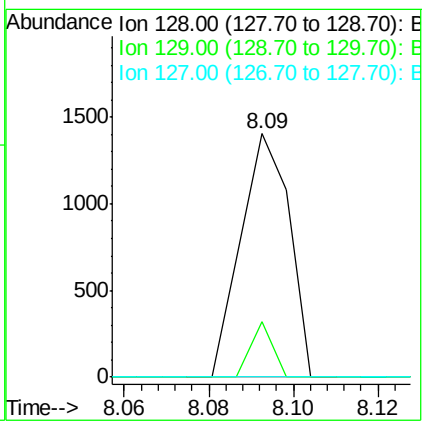


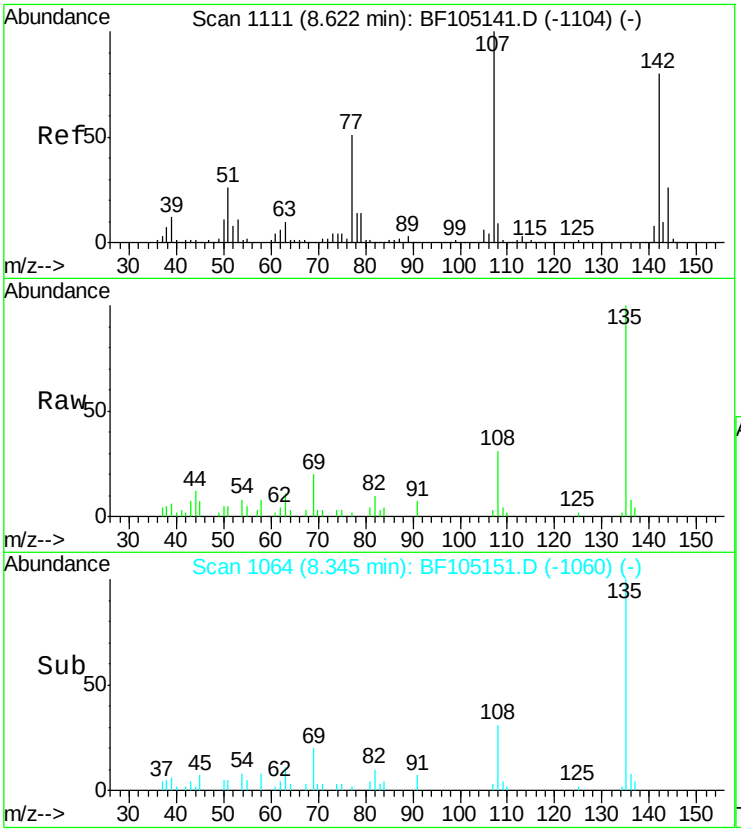


#31
Naphthalene
Concen: 0.024 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:128 Resp: 1117

Ion	Ratio	Lower	Upper
128	100		
129	22.9	8.8	13.2#
127	0.0	10.9	16.3#



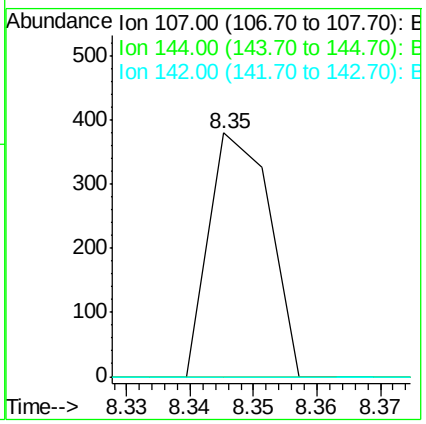


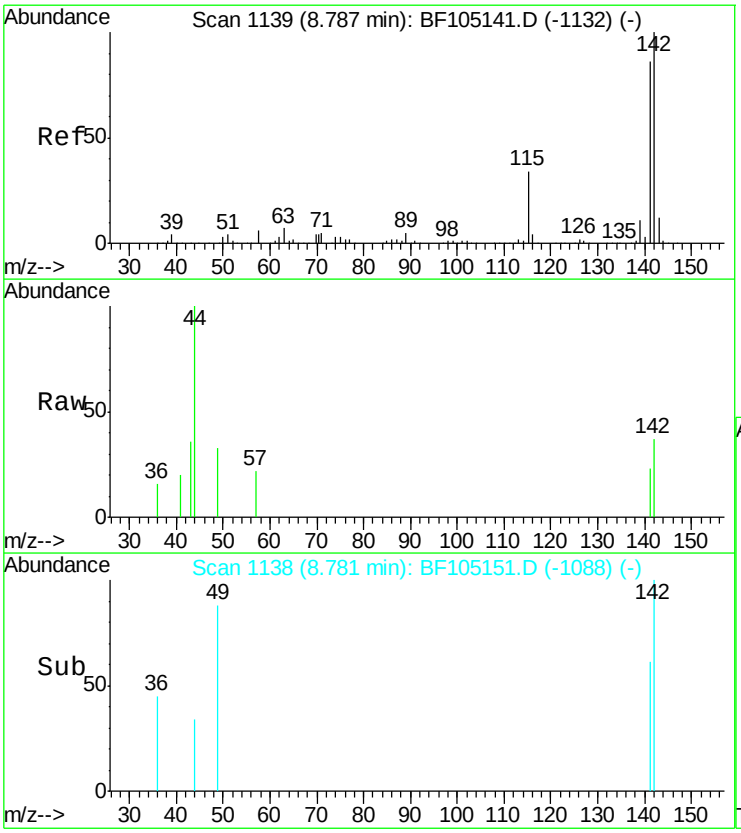
#36
4-Chloro-3-methylphenol
Concen: 0.018 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.28 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:107 Resp: 249

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.5	30.7#
142	0.0	62.0	93.0#

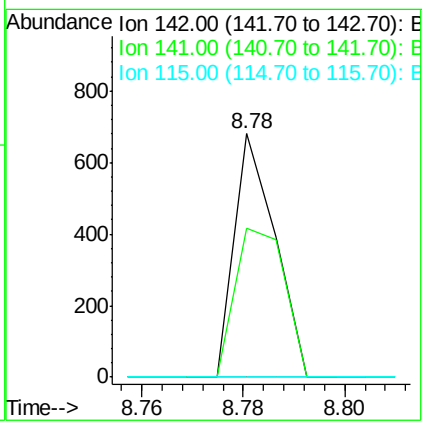


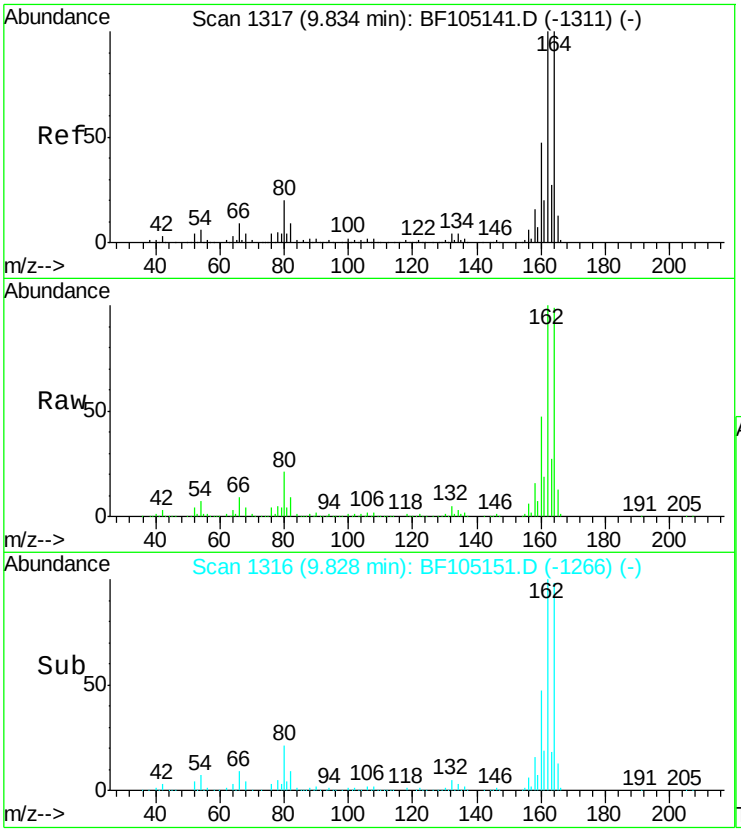


#37
2-Methylnaphthalene
Concen: 0.012 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:142 Resp: 379

Ion	Ratio	Lower	Upper
142	100		
141	61.4	70.8	106.2#
115	0.0	26.1	39.1#



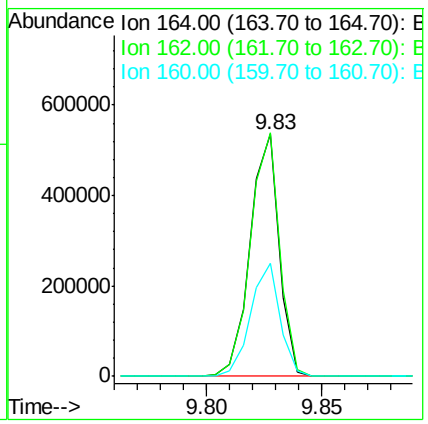


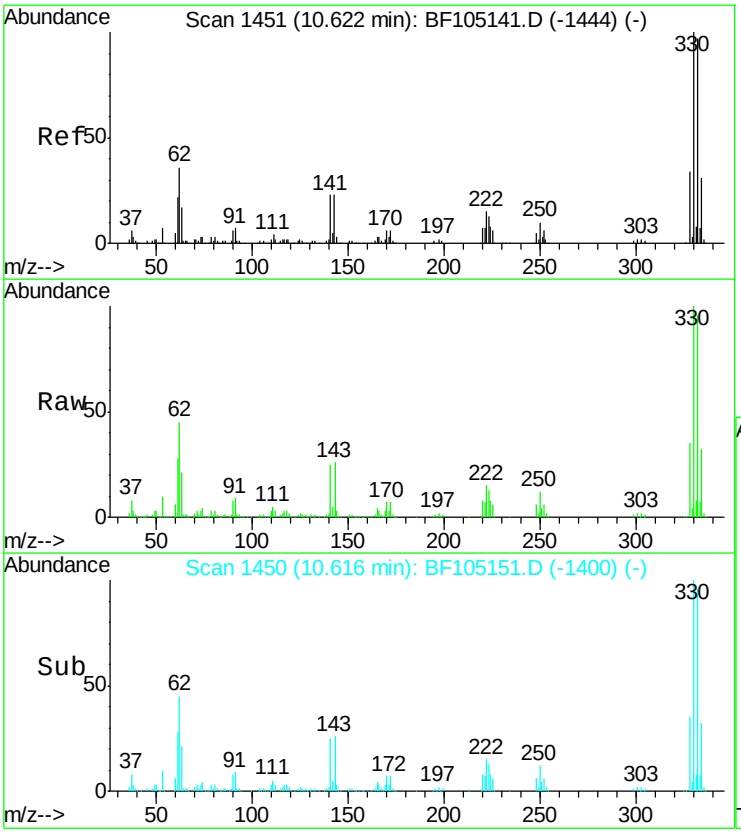
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:164 Resp: 470872

Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	46.8	38.3	57.5

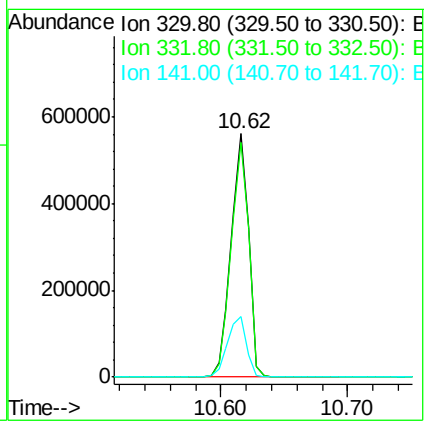


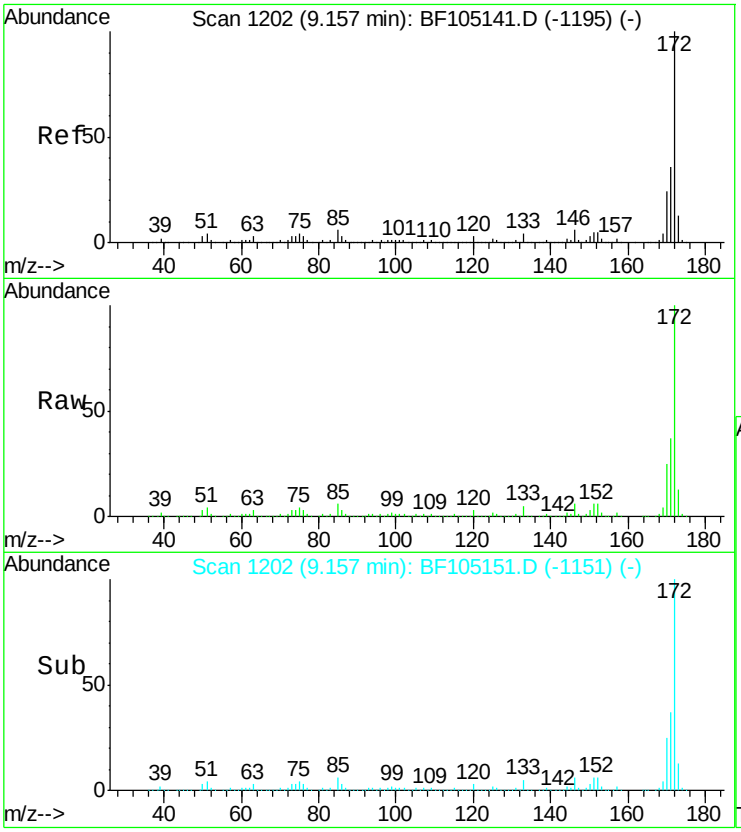


#41
2,4,6-Tribromophenol
Concen: 103.184 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:330 Resp: 536040

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	27.1	29.9	44.9#



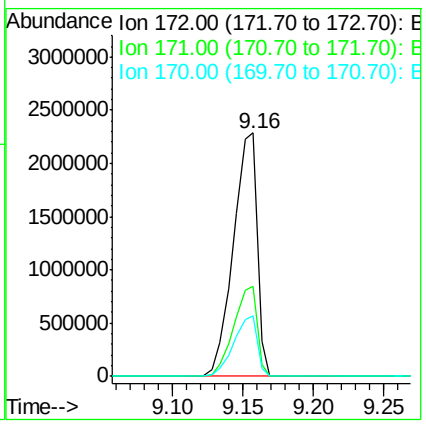


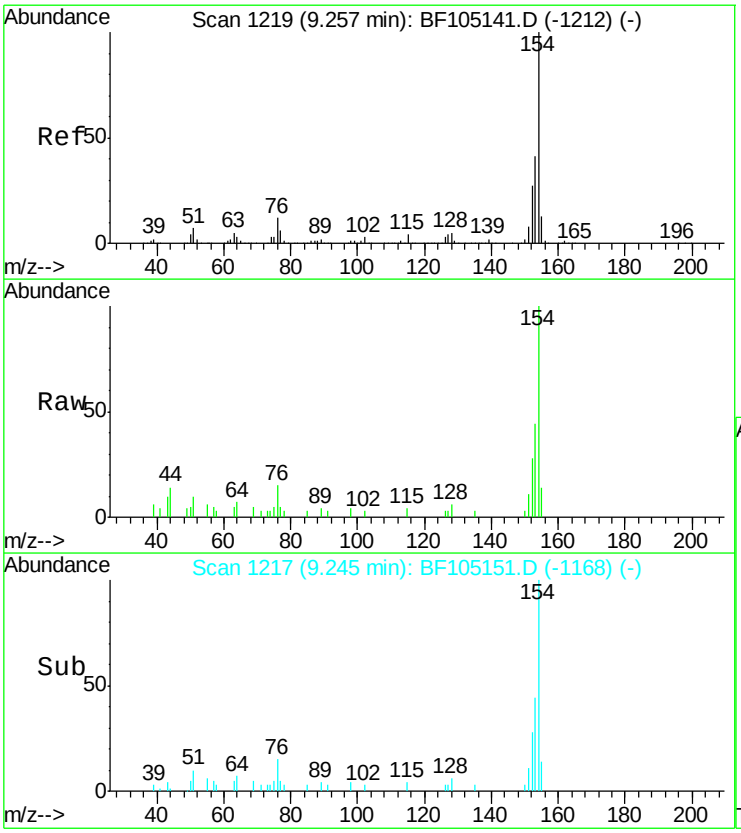
#44
2-Fluorobiphenyl
Concen: 88.274 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:172 Resp: 2678039

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4

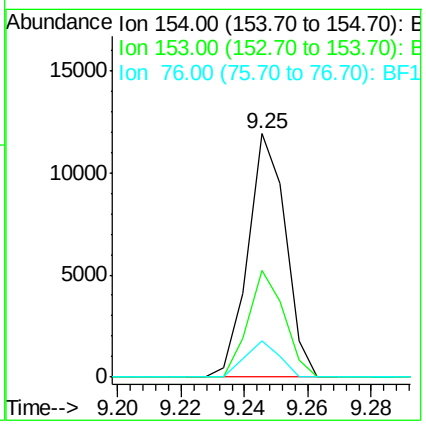


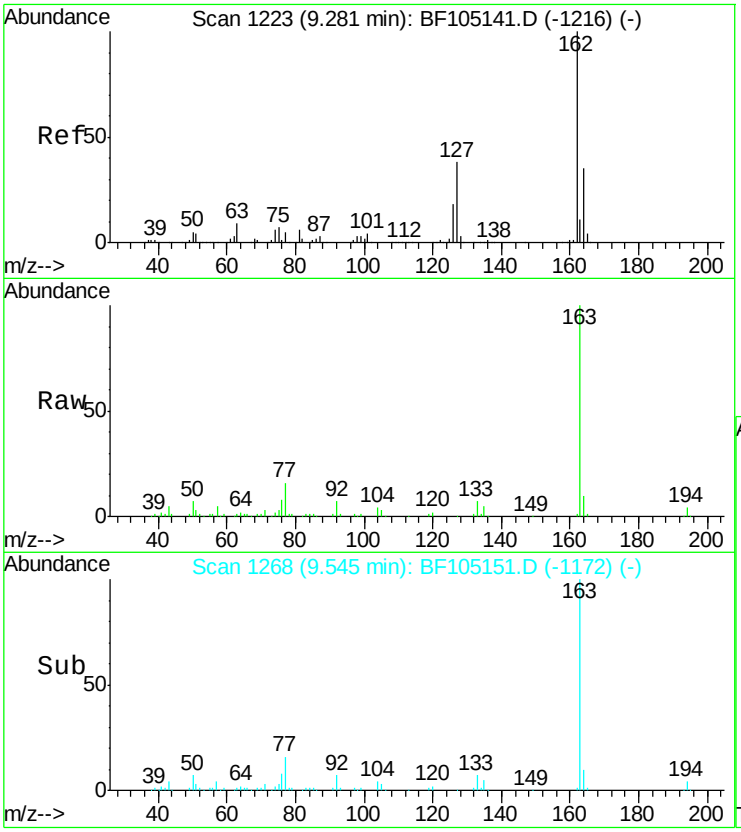


#45
1,1'-Biphenyl
Concen: 0.255 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:154 Resp: 9795

Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.3	61.3
76	15.0	0.0	34.0



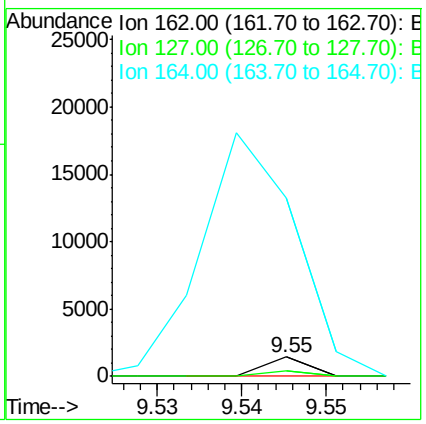


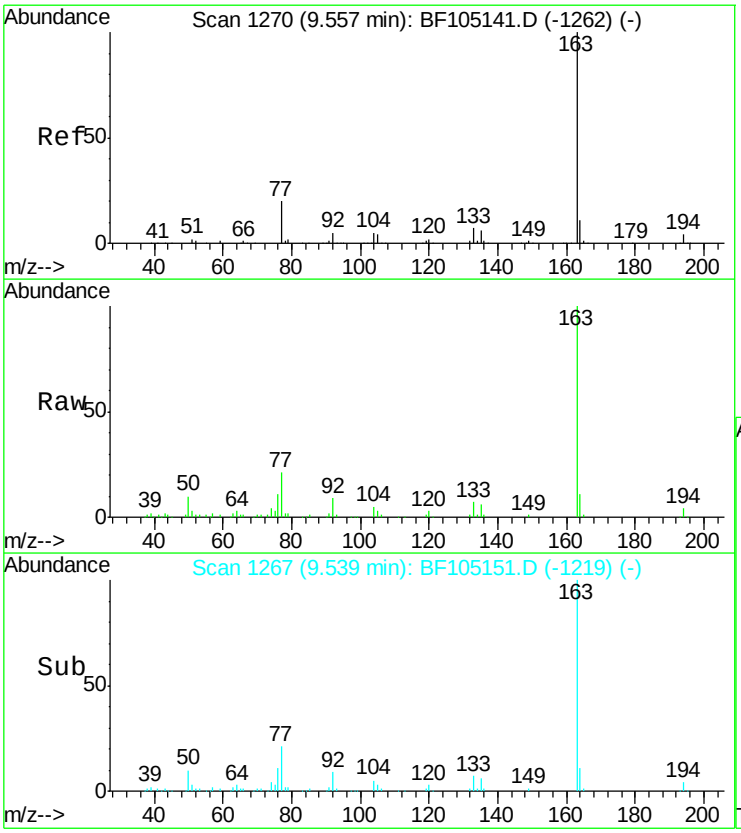
#46
2-Chloronaphthalene
Concen: 0.017 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.26 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:162 Resp: 499

Ion	Ratio	Lower	Upper
162	100		
127	27.2	33.9	50.9#
164	935.0	26.5	39.7#

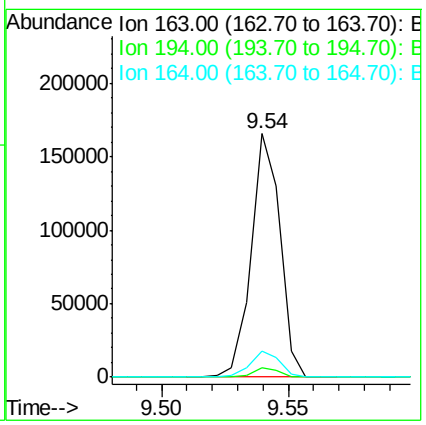


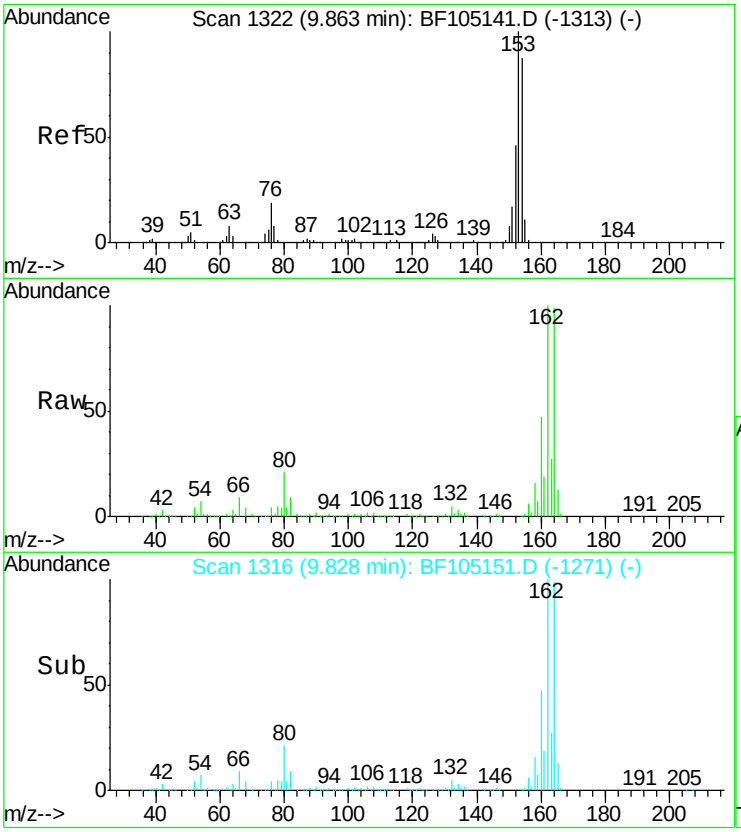


#49
Dimethylphthalate
Concen: 4.127 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:163 Resp: 131569

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.9	8.2	12.2



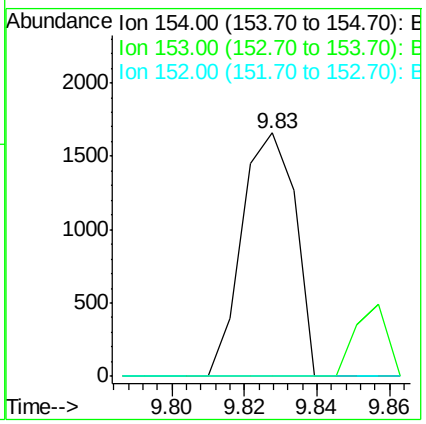


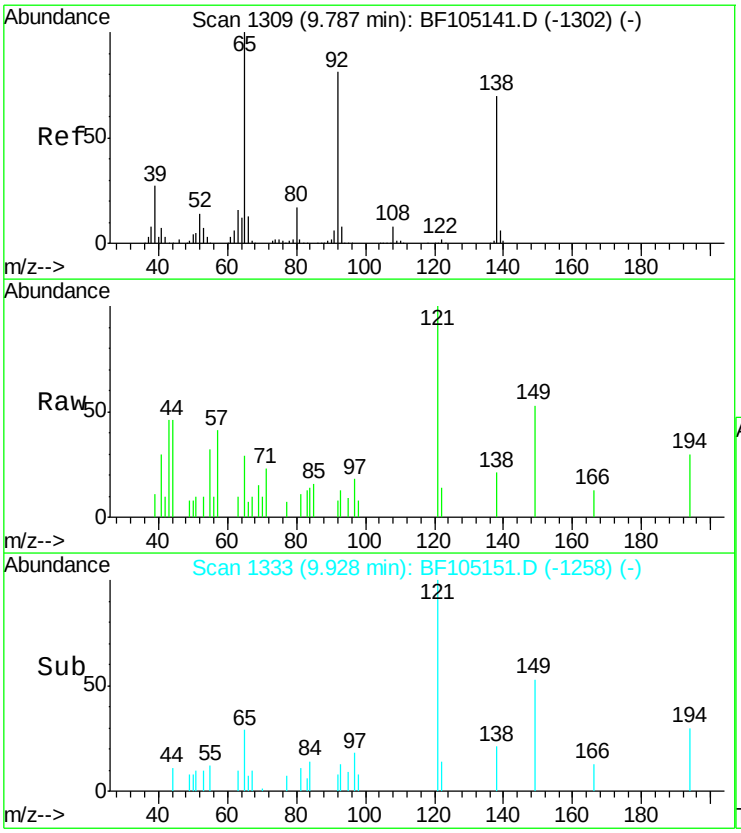
#51
Acenaphthene
Concen: 0.059 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.04 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:154 Resp: 1683

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

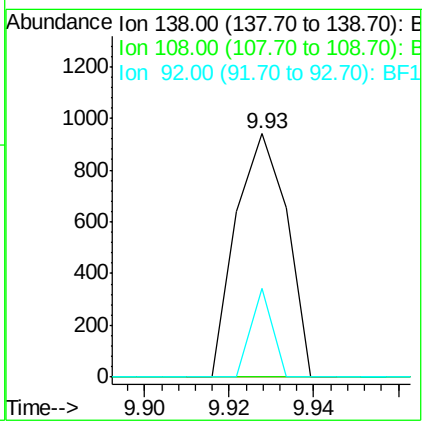


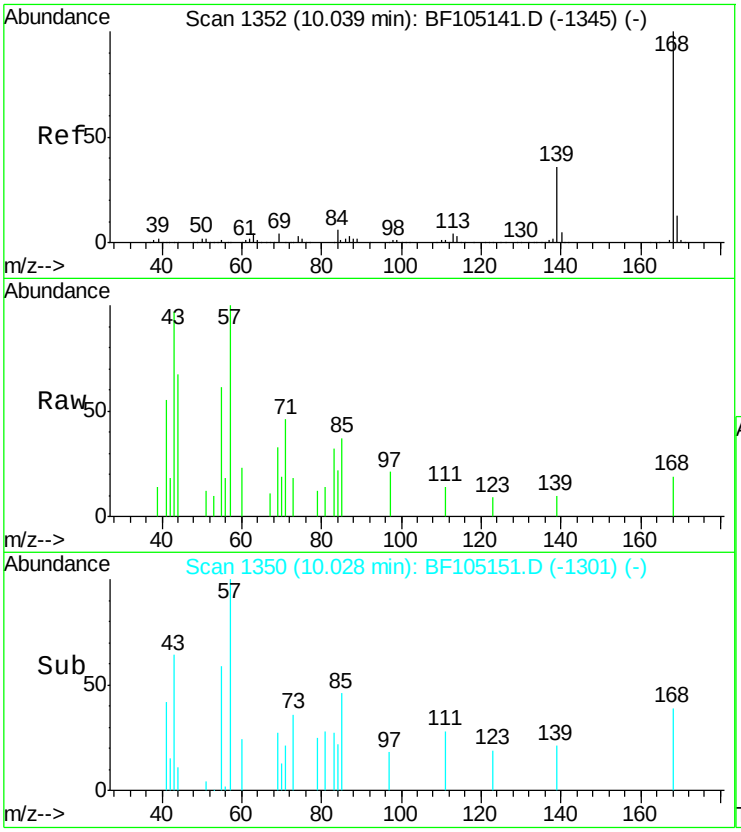


#52
3-Nitroaniline
Concen: 0.108 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.14 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:138 Resp: 788

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	36.2	89.4	134.2#



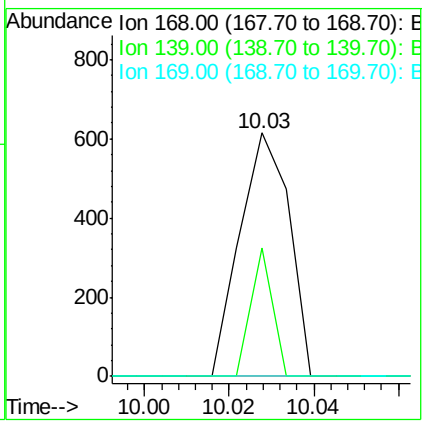


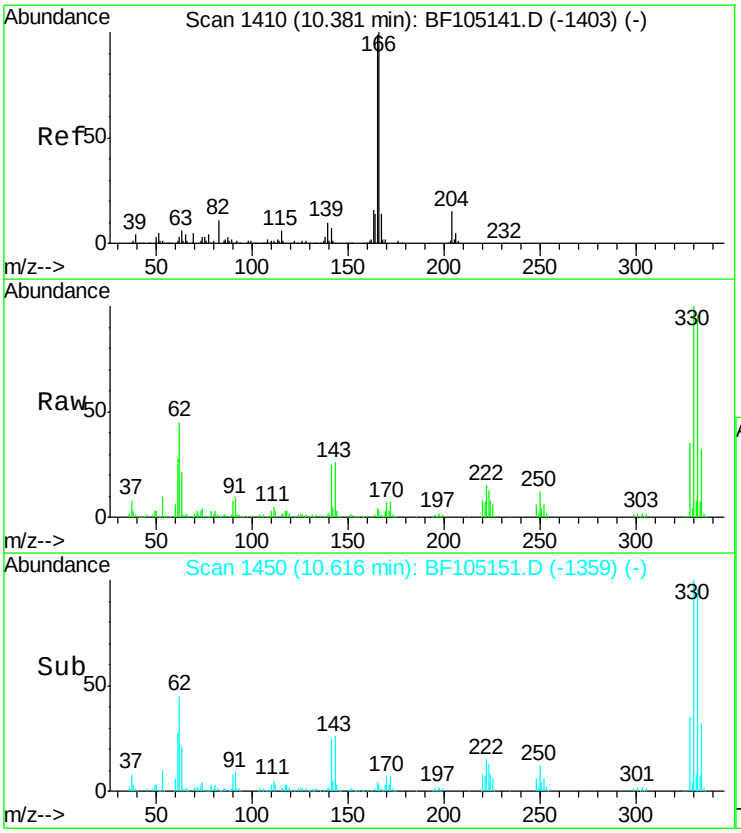
#54
Dibenzofuran
Concen: 0.012 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:168 Resp: 498

Ion	Ratio	Lower	Upper
168	100		
139	53.0	30.1	45.1#
169	0.0	10.9	16.3#

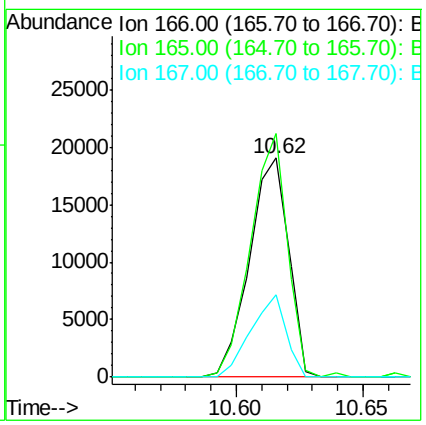


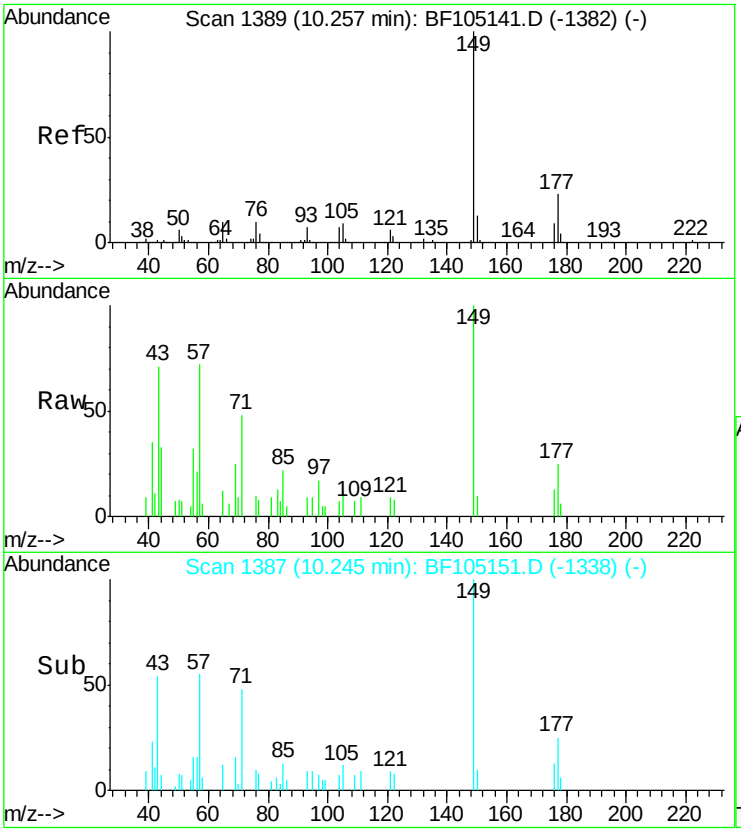


#57
Fluorene
Concen: 0.673 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.24 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:166 Resp: 20592

Ion	Ratio	Lower	Upper
166	100		
165	111.3	79.8	119.8
167	37.4	10.6	16.0#



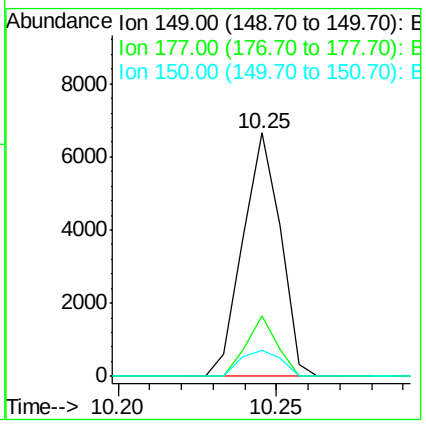


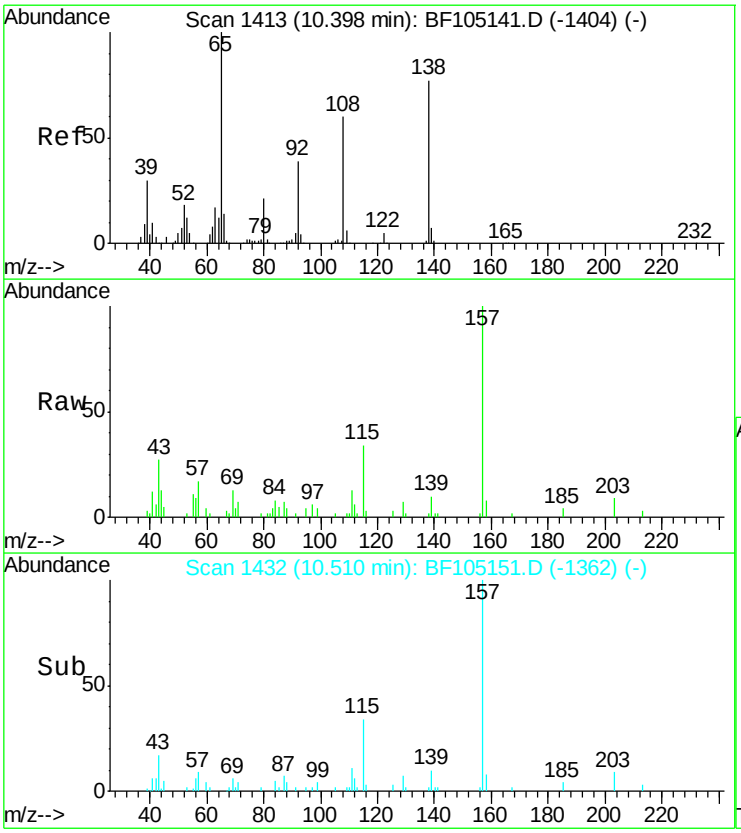
#59
Diethylphthalate
Concen: 0.175 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:149 Resp: 5473

Ion	Ratio	Lower	Upper
149	100		
177	24.9	16.1	24.1#
150	10.5	10.1	15.1

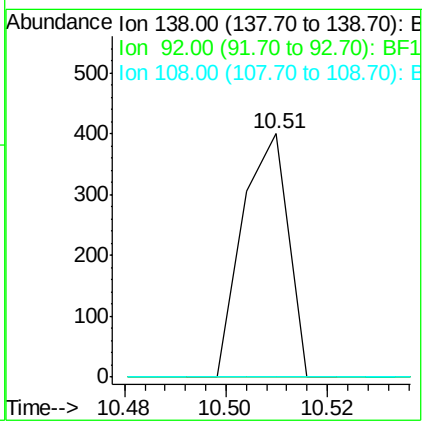


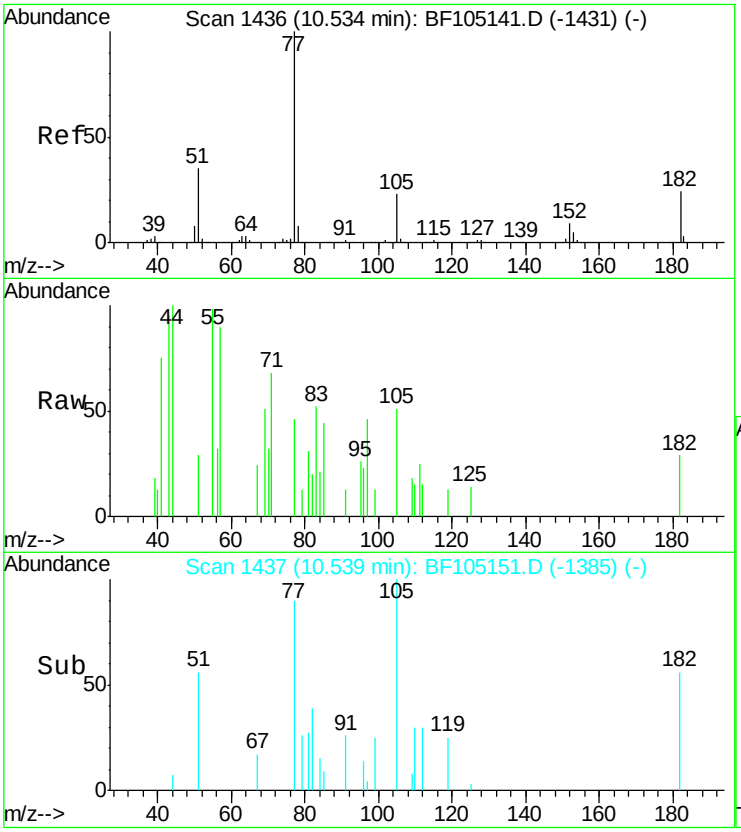


#61
4-Nitroaniline
Concen: 0.034 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.11 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:138 Resp: 249

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



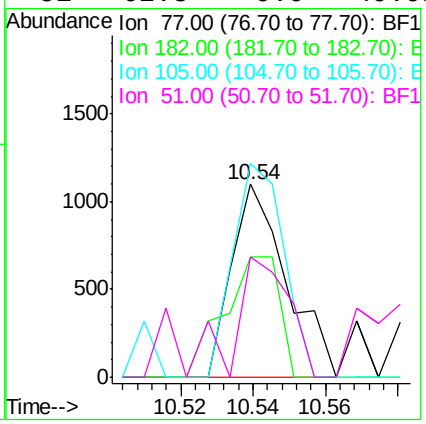


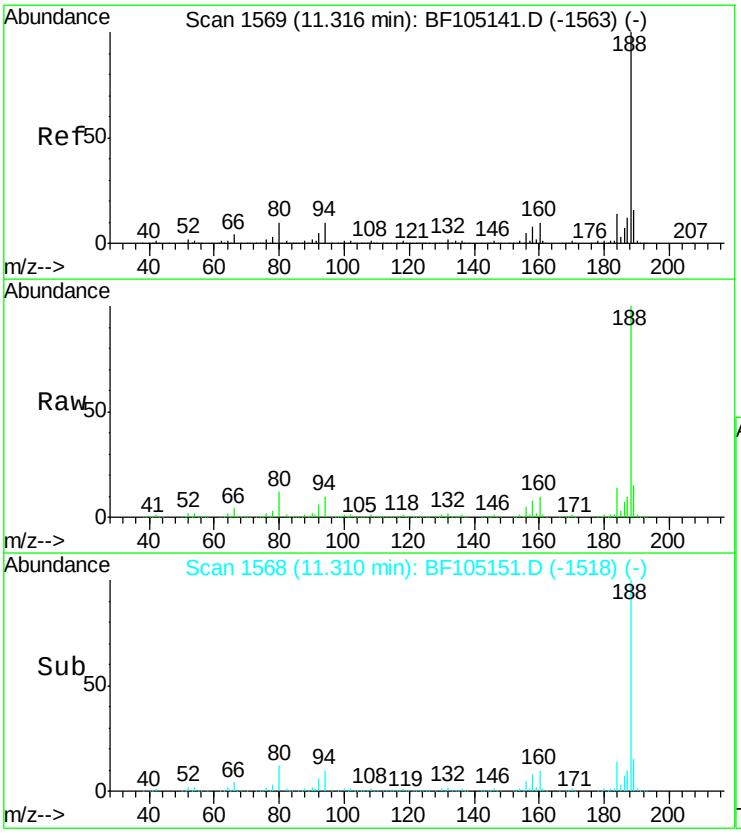
#62
Azobenzene
Concen: 0.035 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion: 77 Resp: 1158

Ion	Ratio	Lower	Upper
77	100		
182	62.4	1.7	41.7#
105	110.6	3.0	43.0#
51	62.3	9.9	49.9#

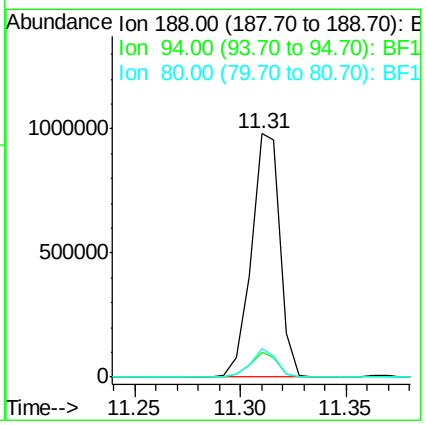


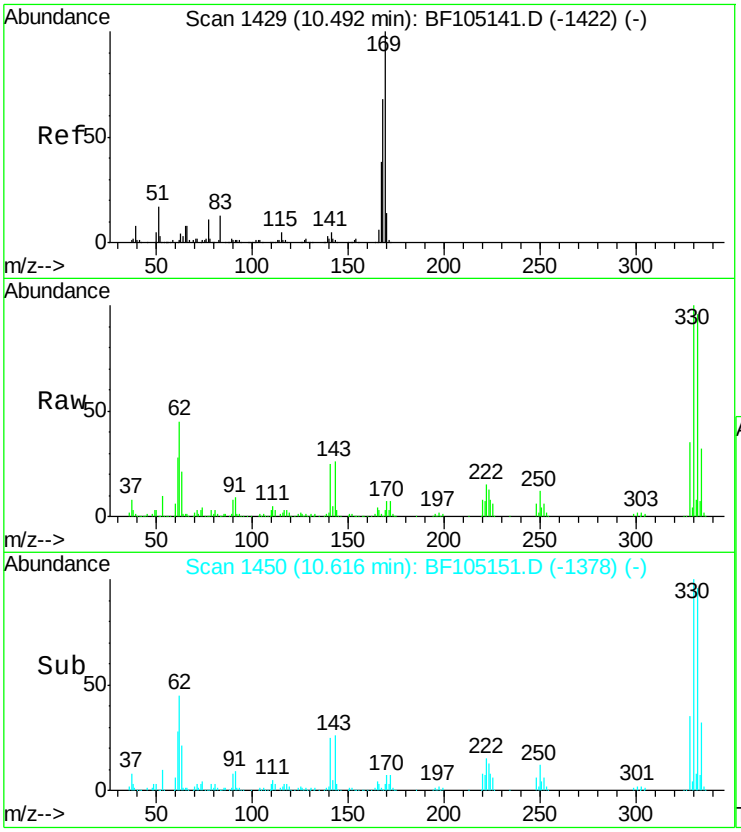


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:188 Resp: 922820

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.5	9.2	13.8



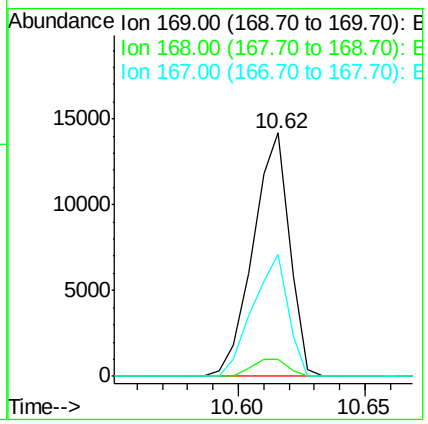


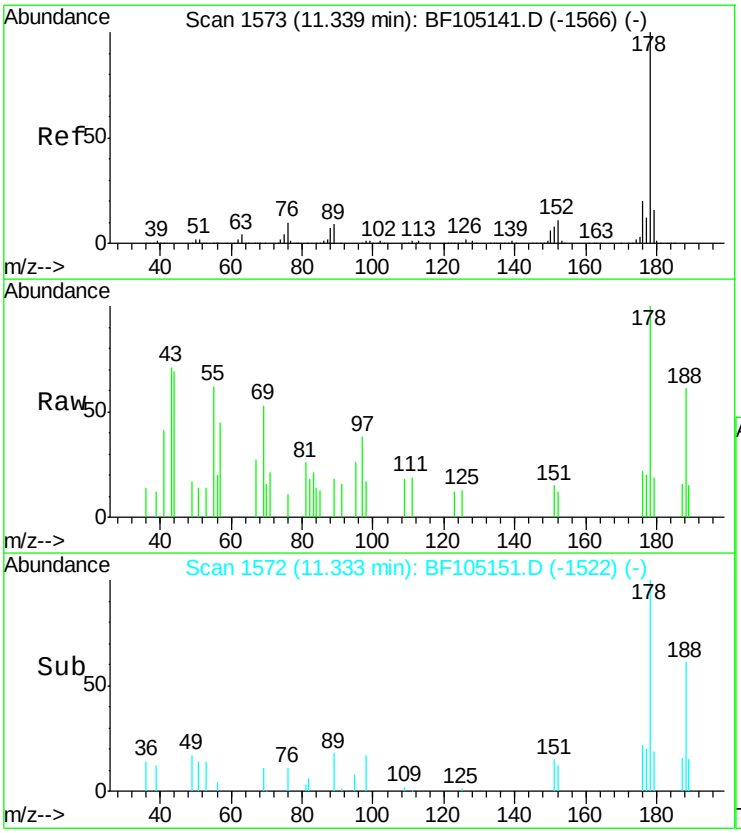
#65
n-Nitrosodiphenylamine
Concen: 0.495 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:169 Resp: 14253

Ion	Ratio	Lower	Upper
169	100		
168	7.2	54.4	81.6#
167	50.1	29.8	44.6#

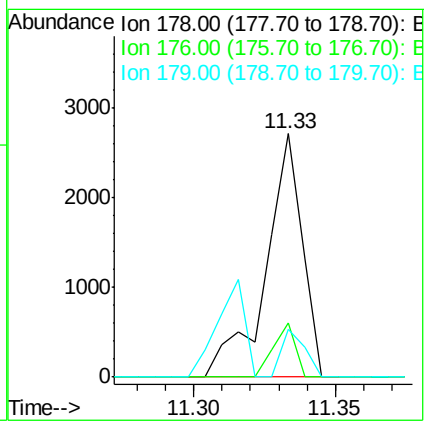


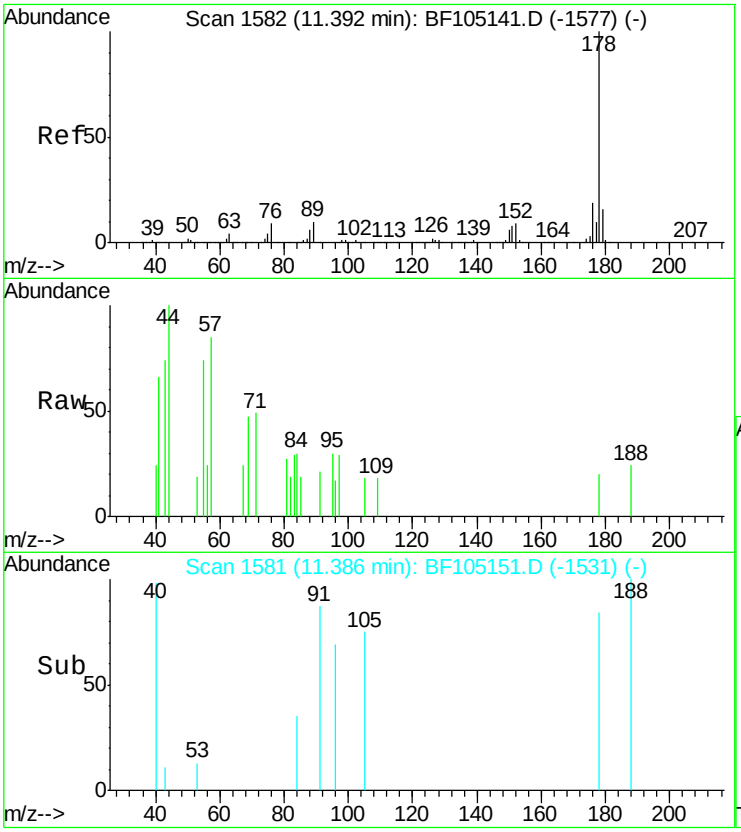


#70
Phenanthrene
Concen: 0.050 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:178 Resp: 2421

Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.8	23.8
179	19.4	13.0	19.6



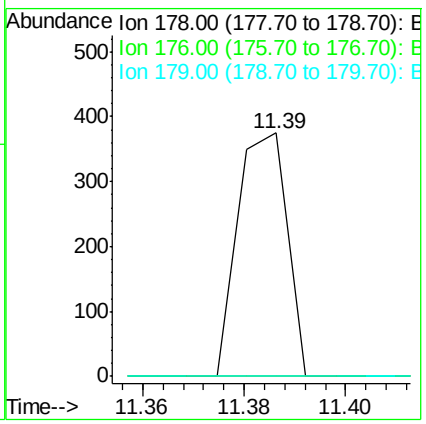


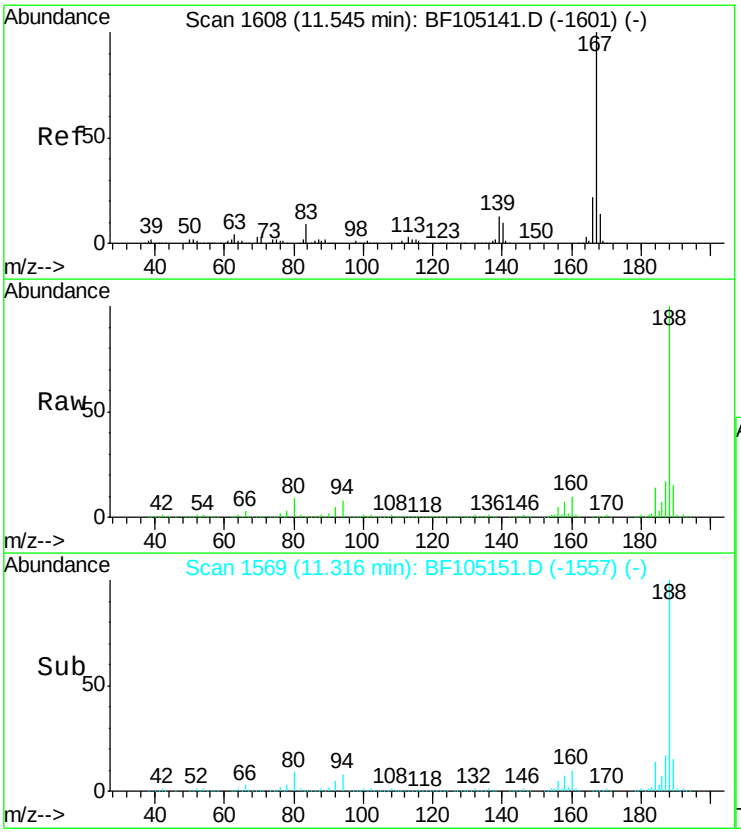
#71
Anthracene
Concen: 0.005 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:178 Resp: 256

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.6	19.0#

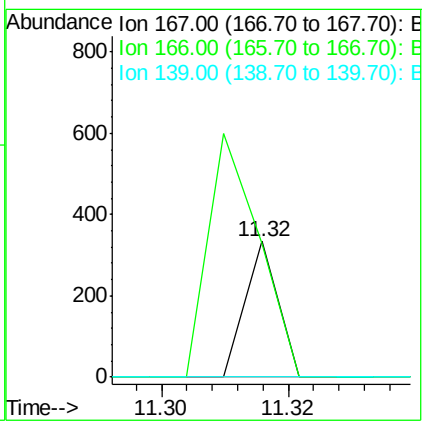


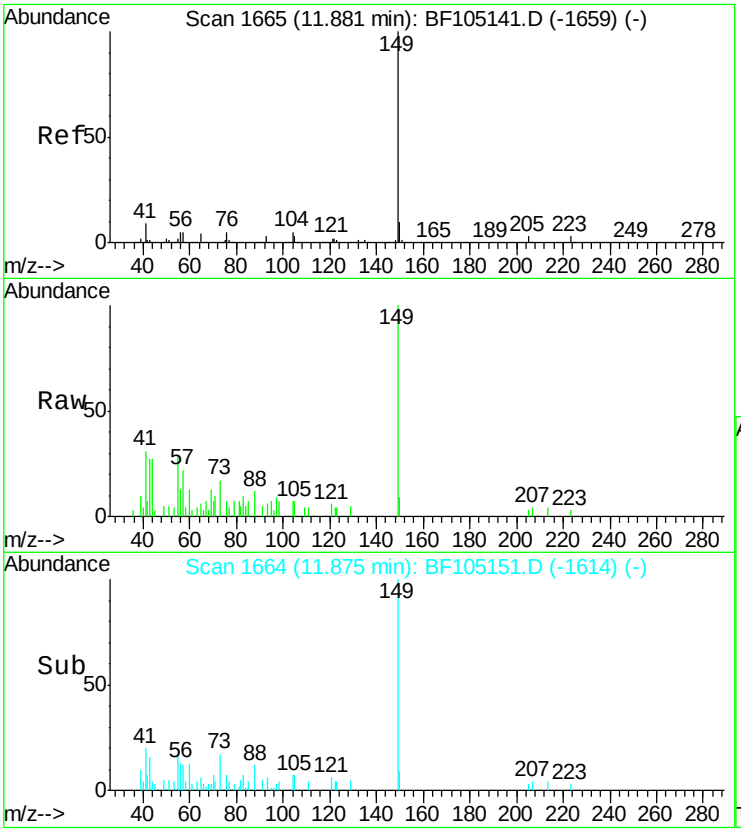


#72
Carbazole
Concen: 0.003 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.23 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:167 Resp: 118

Ion	Ratio	Lower	Upper
167	100		
166	98.8	17.6	26.4#
139	0.0	10.9	16.3#



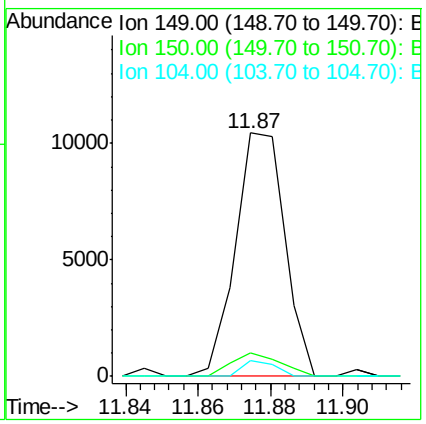


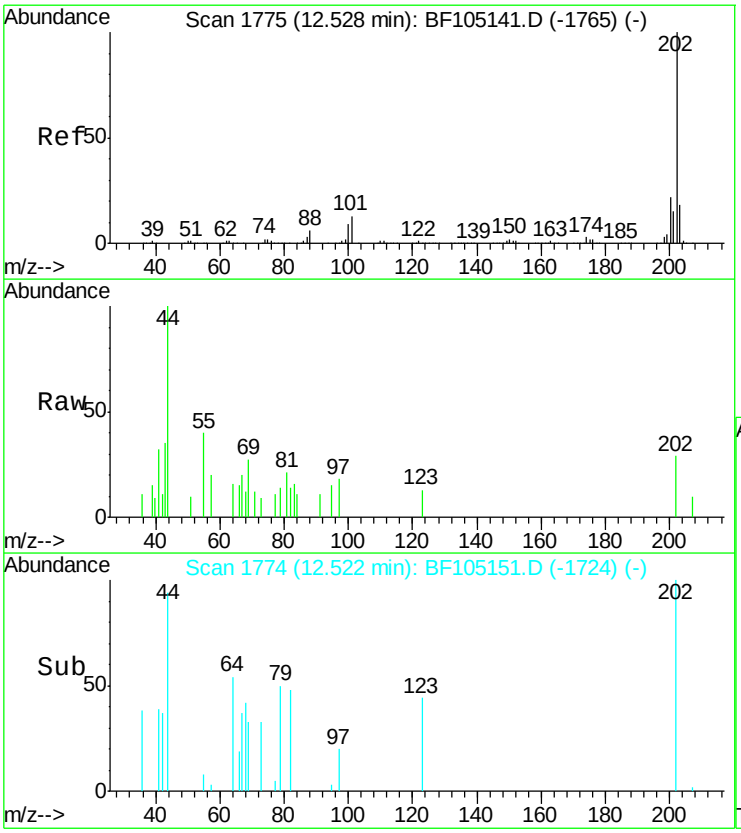
#73
Di-n-butylphthalate
Concen: 0.207 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:149 Resp: 9866

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	6.7	3.8	5.8#

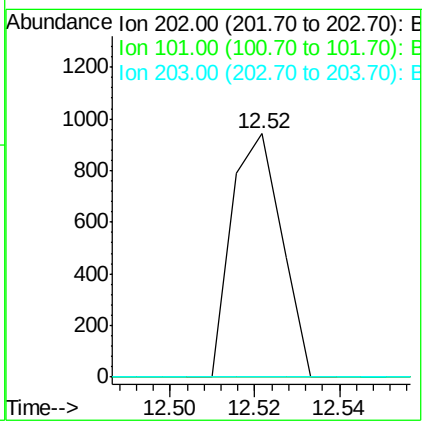


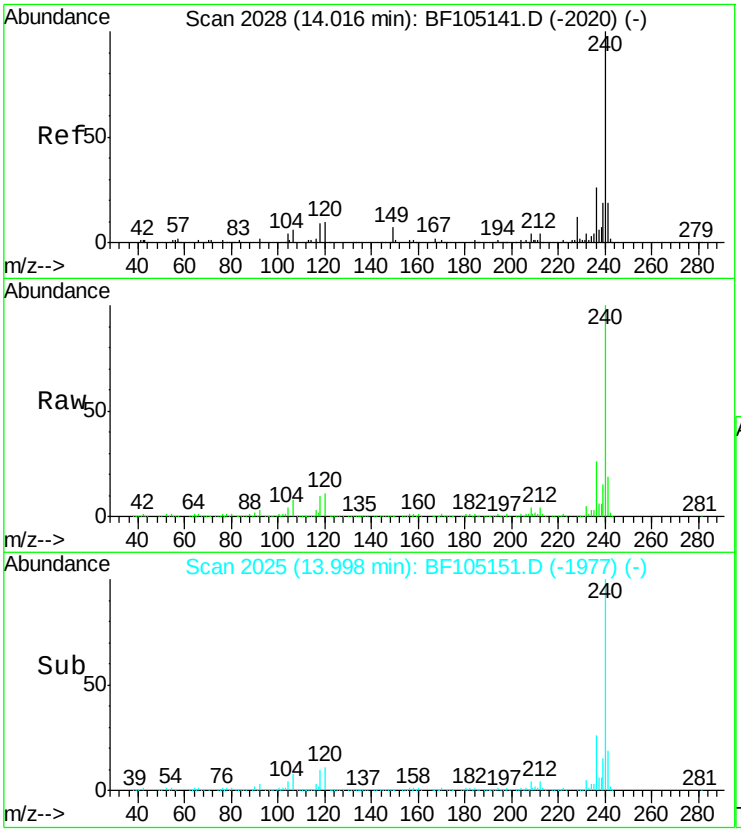


#74
Fluoranthene
Concen: 0.015 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:202 Resp: 775

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



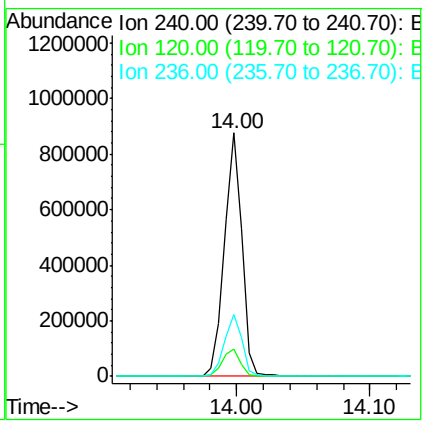


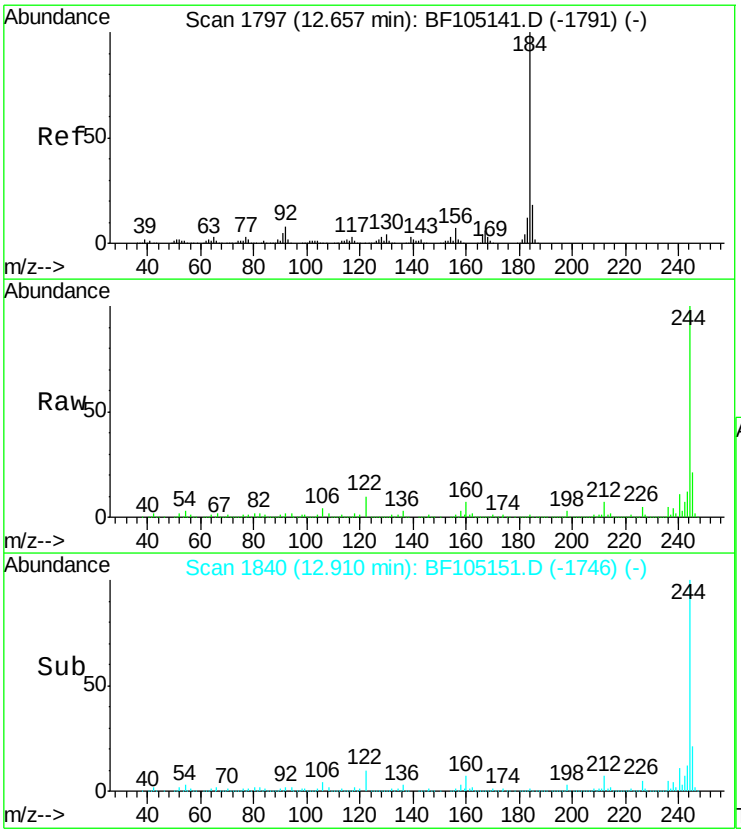
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:240 Resp: 816889

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.6	20.7	31.1

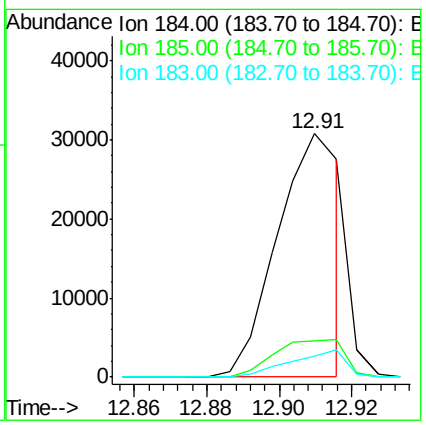


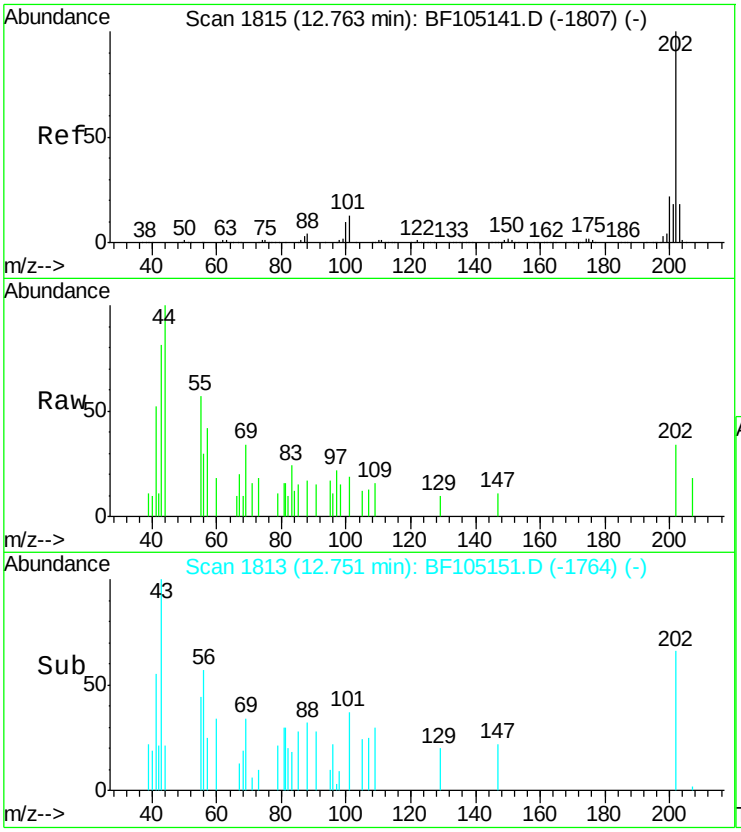


#76
Benzidine
Concen: 1.212 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.25 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:184 Resp: 36979

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	8.5	9.3	13.9#



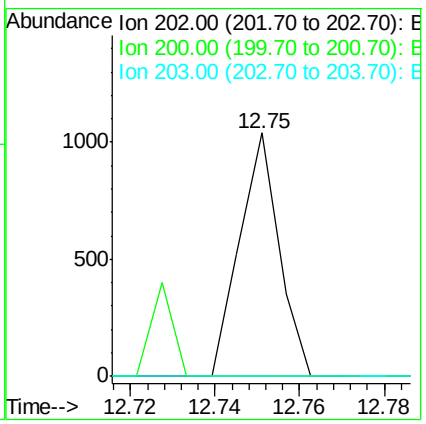


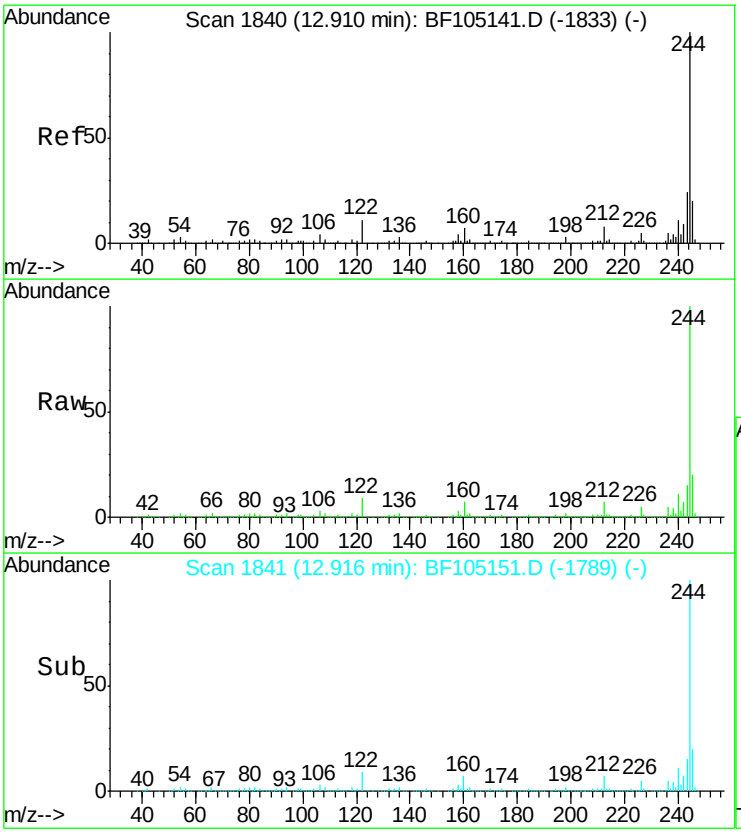
#77
Pyrene
Concen: 0.011 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:202 Resp: 675

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.3	21.5#

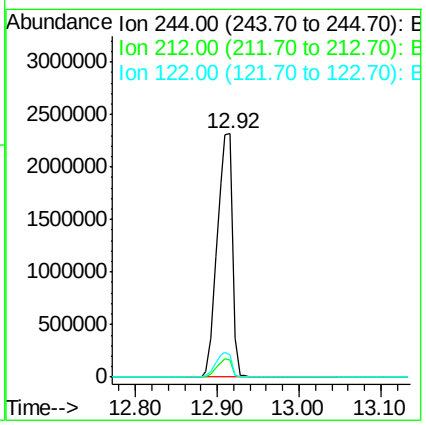


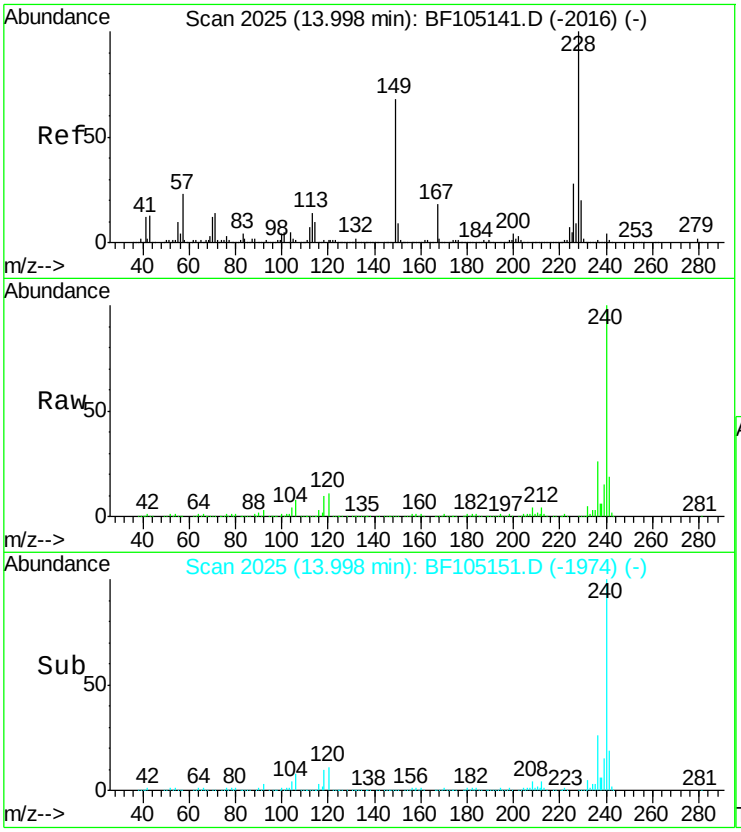


#78
Terphenyl-d14
Concen: 85.317 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:244 Resp: 3000375

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.3	11.0	16.4#



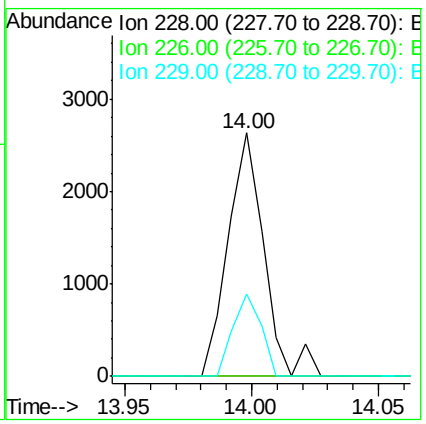


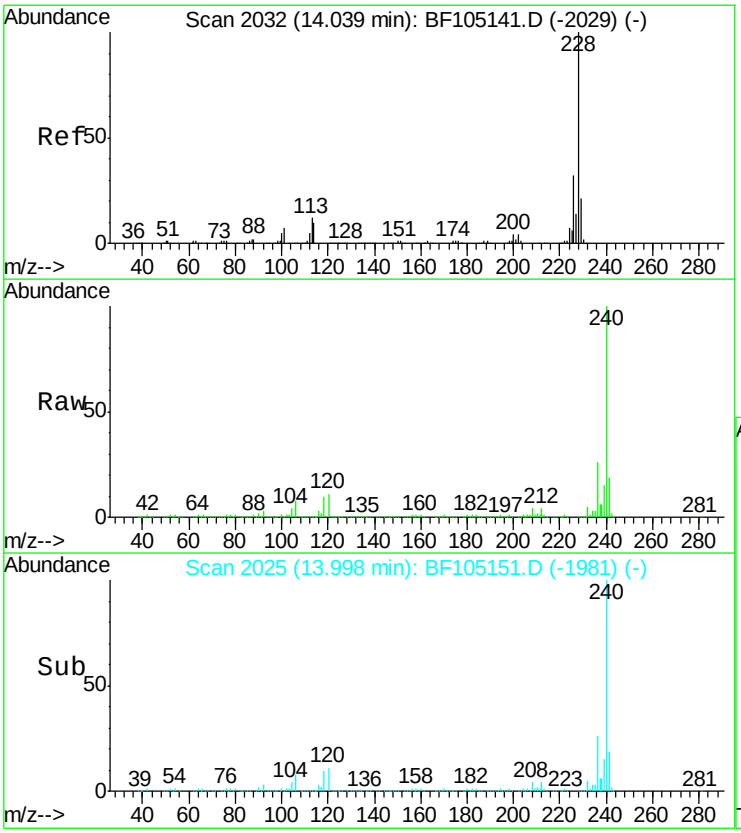
#80
Benzo(a)anthracene
Concen: 0.053 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:228 Resp: 2604

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	33.8	15.8	23.6#

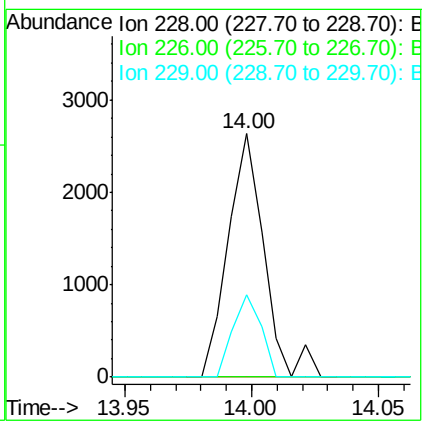


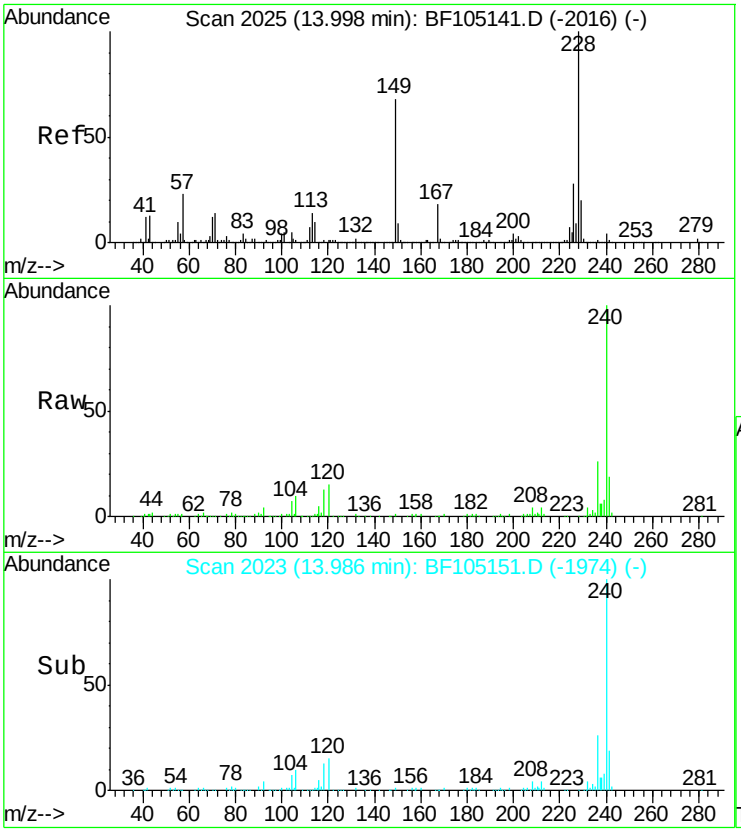


#82
Chrysene
Concen: 0.051 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.04 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:228 Resp: 2604

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	33.8	16.2	24.4#



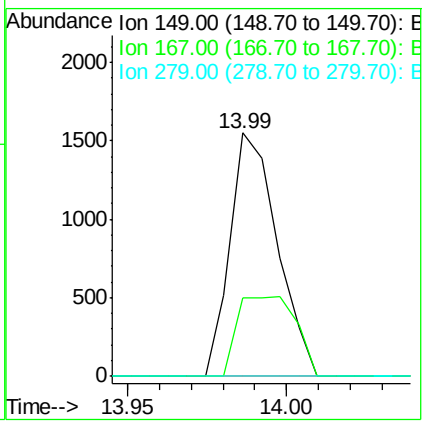


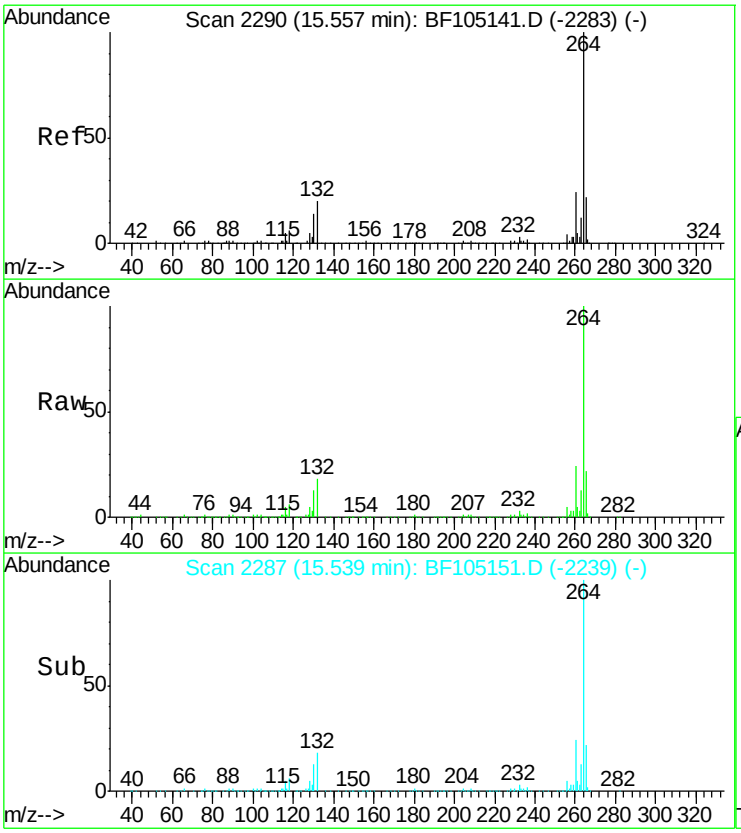
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.065 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:149 Resp: 1596

Ion	Ratio	Lower	Upper
149	100		
167	32.1	21.3	31.9#
279	0.0	3.0	4.4#

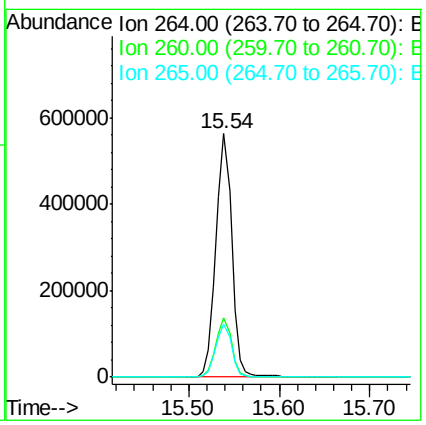


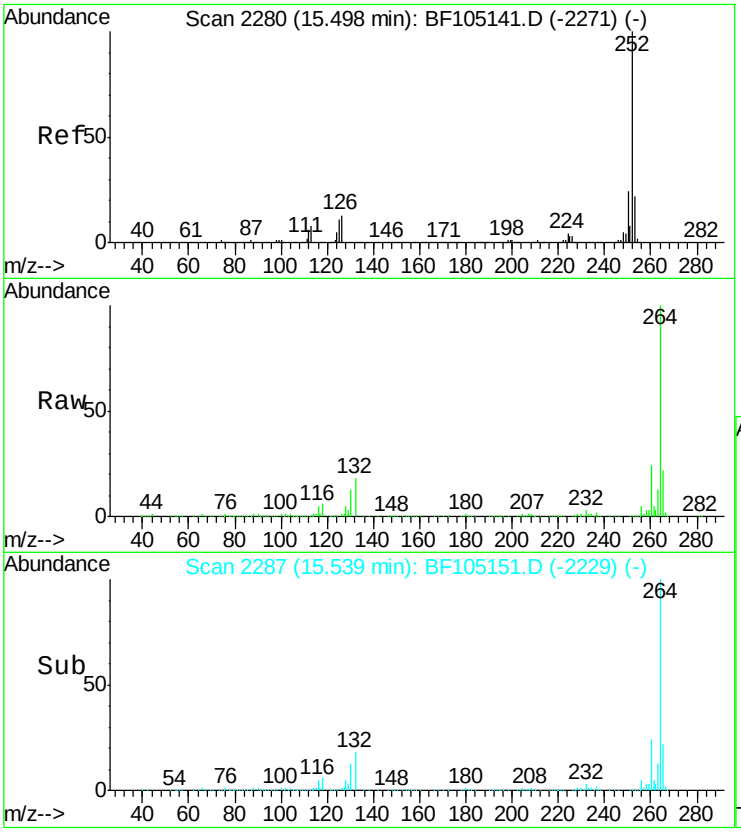


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Tgt Ion:264 Resp: 687241

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3





#89
Benzo(a)pyrene
Concen: 0.061 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.04 min
Lab File: BF105151.D
Acq: 8 May 2018 18:33

Instrument :
BNA_F
ClientSampleId :
050118-SIDI-E-D-M

Tgt Ion:252 Resp: 2320

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	0.0	9.8	14.6#