Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103171.D
Acq On : 22 Feb 2018 19:15
Operator : SJ/JU
Sample : J1396-02
Misc :
ALS Vial : 10 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : HD-01-022118

Quant Time: Feb 23 04:06:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	305556	40.00	ng		0.00
21) Naphthalene-d8	8.16	136	1225717	40.00	ng		0.00
38) Acenaphthene-d10	9.91	164	482749	40.00	ng		0.00
63) Phenanthrene-d10	11.40	188	657239	40.00	ng		0.00
75) Chrysene-d12	14.05	240	521808	40.00	ng		0.00
86) Perylene-d12	15.54	264	470373	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1205178	119.31	ng		0.02
7) Phenol-d6	6.51	99	1294781	104.75	ng		0.00
23) Nitrobenzene-d5	7.44	82	974166	90.78	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	236563	115.79	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1447561	91.94	ng		0.00
78) Terphenyl-d14	12.99	244	942549	86.84	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.39	79	135	0.009	ng	#	21
4) n-Nitrosodimethylamine	3.36	42	783	0.136	ng	#	1
6) Aniline	6.65	93	1747	0.098	ng	#	1
8) 2-Chlorophenol	6.66	128	647	0.062	ng	#	1
9) Benzaldehyde	6.65	77	26020	1.706	ng		81
10) Phenol	6.52	94	349	0.024	ng	#	1
11) bis(2-Chloroethyl)ether	6.65	93	1747	0.160	ng	#	1
12) 1,3-Dichlorobenzene	7.03	146	307	0.026	ng	#	1
13) 1,4-Dichlorobenzene	7.03	146	307	0.026	ng	#	1
14) 1,2-Dichlorobenzene	7.03	146	307	0.028	ng	#	1
15) Benzyl Alcohol	7.03	79	15629	1.678	ng	#	49
16) 2,2'-oxybis(1-Chloropropan	7.15	45	198	0.011	ng		70
18) Hexachloroethane	7.40	117	164	0.037	ng	#	1
22) Acetophenone	7.27	105	2258	0.158	ng	#	78
24) Nitrobenzene	7.44	77	2764	0.234	ng	#	34
27) 2,4-Dimethylphenol	7.94	122	118	0.014	ng	#	4
28) bis(2-Chloroethoxy)methane	8.16	93	143	0.012	ng	#	1
31) Naphthalene	8.17	128	11842	0.395	ng		97
33) 4-Chloroaniline	8.17	127	1868	0.144	ng	#	24
37) 2-Methylnaphthalene	8.97	142	2052	0.106	ng		96
45) 1,1'-Biphenyl	9.33	154	5222	0.258	ng		93
47) 2-Nitroaniline	9.23	65	2625	0.443	ng	#	1
48) Acenaphthylene	9.77	152	822	0.033	ng	#	60
51) Acenaphthene	9.95	154	310	0.022	ng	#	65
54) Dibenzofuran	10.12	168	637	0.032	ng	#	89
55) 4-Nitrophenol	10.12	139	273	0.085	ng	#	9
57) Fluorene	10.46	166	749	0.045	ng	#	78
59) Diethylphthalate	10.32	149	16649	0.899	ng		96
62) Azobenzene	10.61	77	108	0.006	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	7805	0.682	ng	#	37
70) Phenanthrene	11.42	178	2946	0.163	ng	#	92
71) Anthracene	11.47	178	603	0.033	ng	#	60
72) Carbazole	11.64	167	572	0.031	ng	#	59
73) Di-n-butylphthalate	11.95	149	3561	0.154	ng	#	92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103171.D
Acq On : 22 Feb 2018 19:15
Operator : SJ/JU
Sample : J1396-02
Misc :
ALS Vial : 10 Sample Multiplier: 2

Instrument : BNA_F
ClientSampleId : HD-01-022118

Quant Time: Feb 23 04:06:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) Fluoranthene	12.62	202	1121	0.062	ng		69
76) Benzidine	12.99	184	12236	1.254	ng		95
77) Pyrene	12.85	202	929	0.046	ng	#	53
79) Butylbenzylphthalate	13.46	149	1018	0.095	ng	#	85
80) Benzo(a)anthracene	14.04	228	4052	0.239	ng	#	75
81) 3,3'-Dichlorobenzidine	14.00	252	114	0.019	ng	#	27
82) Chrysene	14.07	228	3407	0.207	ng	#	80
83) Bis(2-ethylhexyl)phthalate	14.01	149	3491	0.241	ng	#	82
84) Di-n-octyl phthalate	14.63	149	5541	0.236	ng	#	76
85) Indeno(1,2,3-cd)pyrene	17.07	276	6647	0.511	ng	#	68
87) Benzo(b)fluoranthene	15.10	252	5931	0.384	ng	#	50
88) Benzo(k)fluoranthene	15.13	252	7098	0.487	ng	#	78
89) Benzo(a)pyrene	15.47	252	5691	0.412	ng	#	51
90) Dibenzo(a,h)anthracene	17.07	278	4221	0.396	ng	#	36
91) Benzo(g,h,i)perylene	17.52	276	5312	0.509	ng	#	81

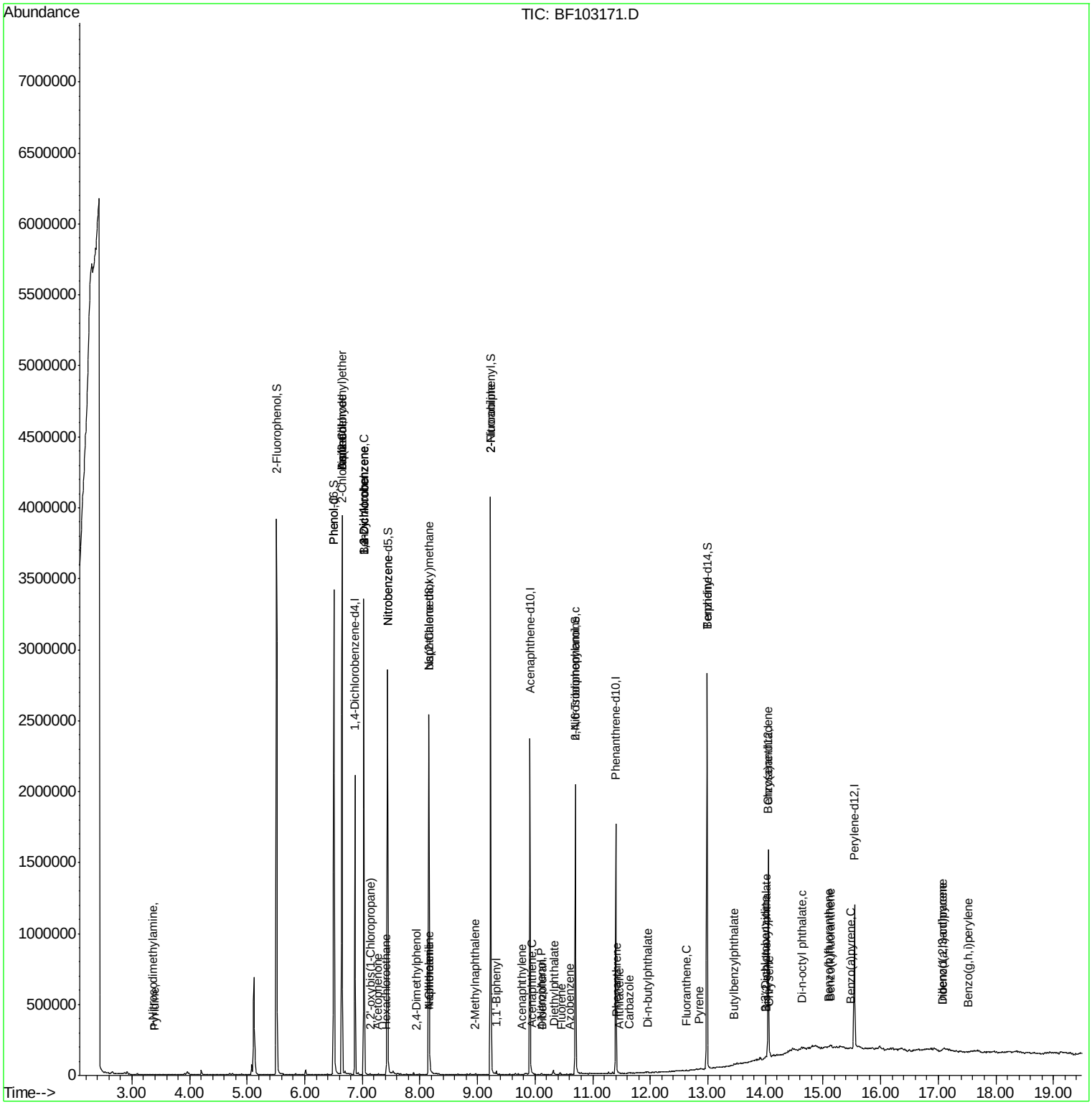
(#) = qualifier out of range (m) = manual integration (+) = signals summed

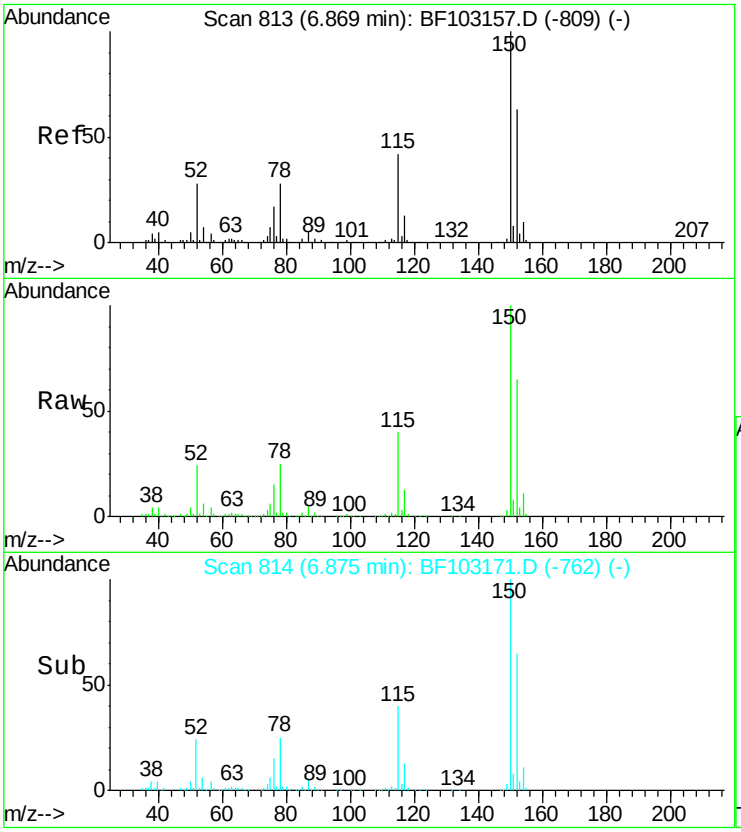
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103171.D
Acq On : 22 Feb 2018 19:15
Operator : SJ/JU
Sample : J1396-02
Misc :
ALS Vial : 10 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Quant Time: Feb 23 04:06:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration



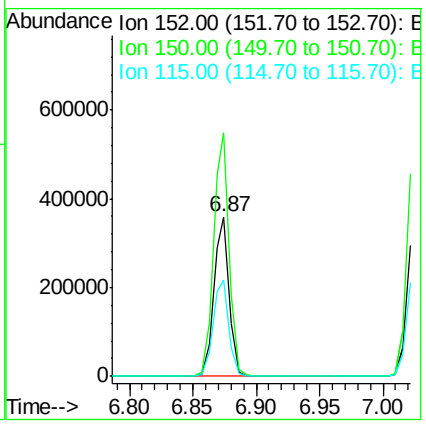


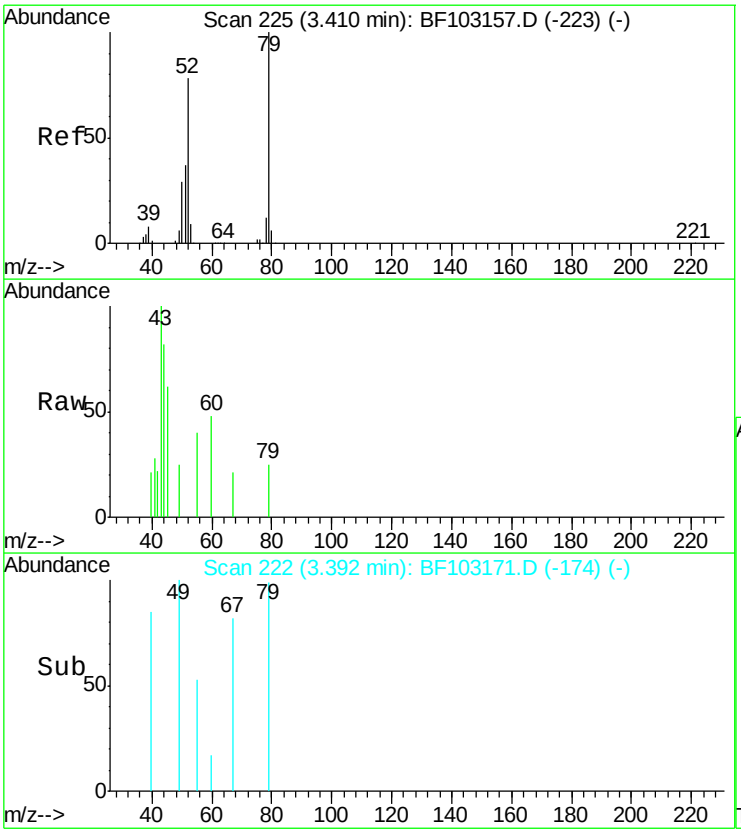
#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:152 Resp: 305556

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	60.7	50.1	75.1

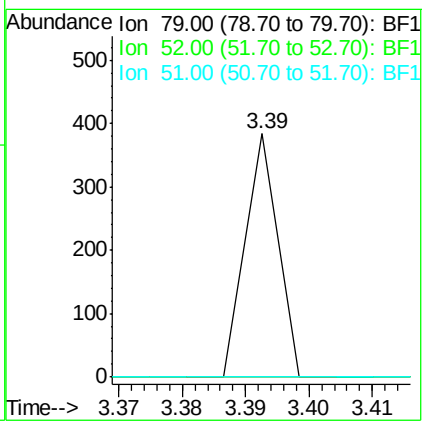


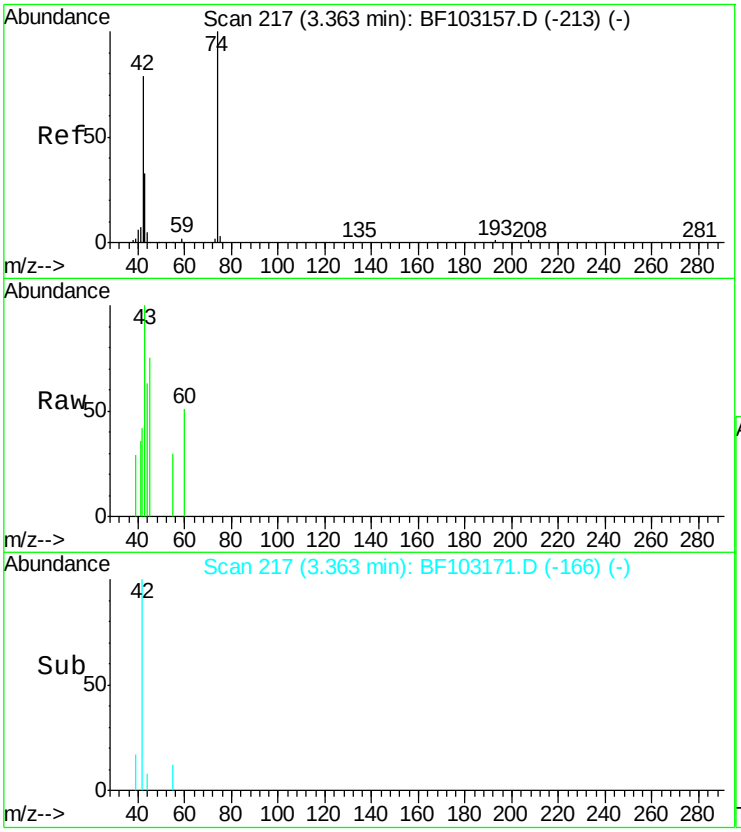


#3
Pyridine
Concen: 0.009 ng
RT: 3.39 min Scan# 222
Delta R.T. -0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 79 Resp: 135

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



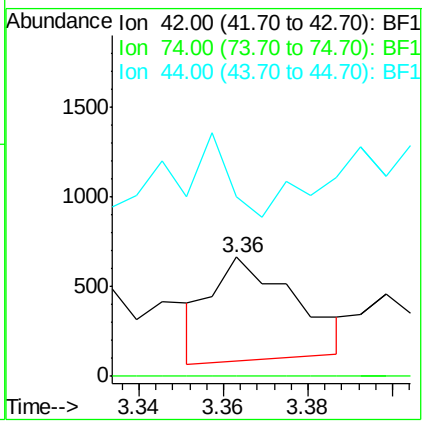


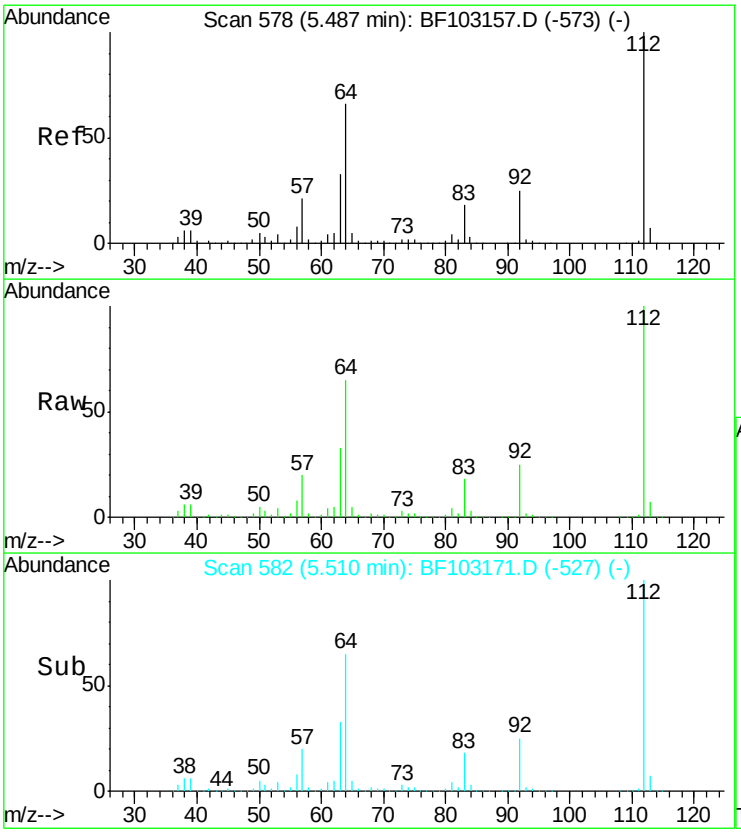
#4
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.36 min Scan# 217
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion: 42 Resp: 783

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	150.6	6.9	10.3#

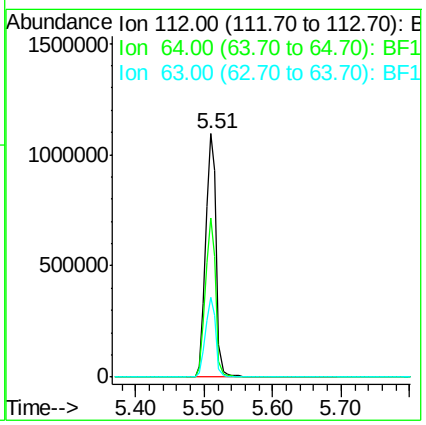


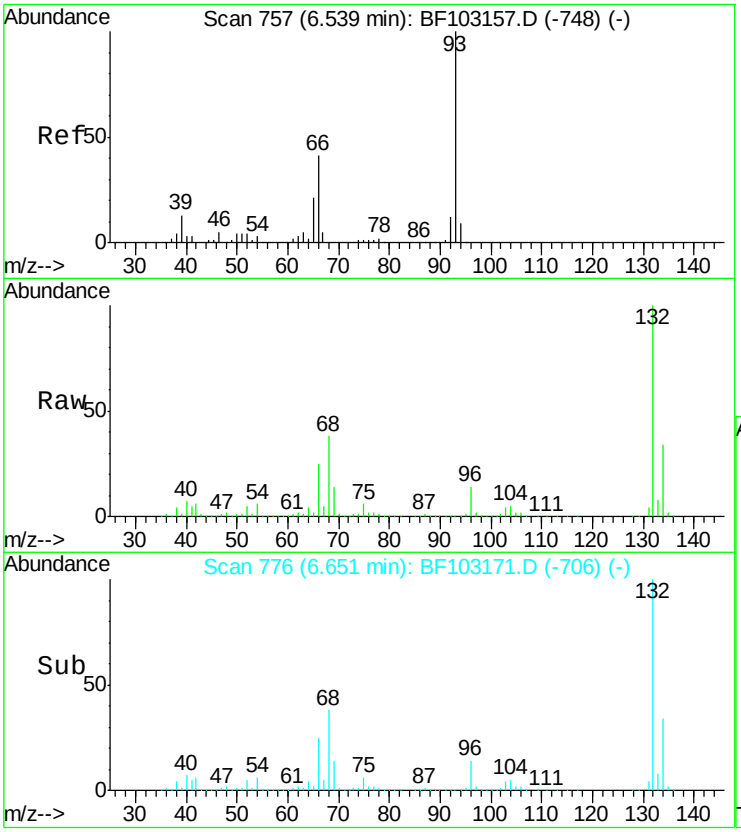


#5
2-Fluorophenol
Concen: 119.307 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:112 Resp: 1205178

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.0	23.7	35.5



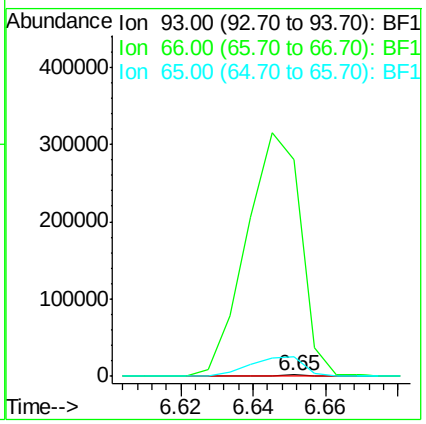


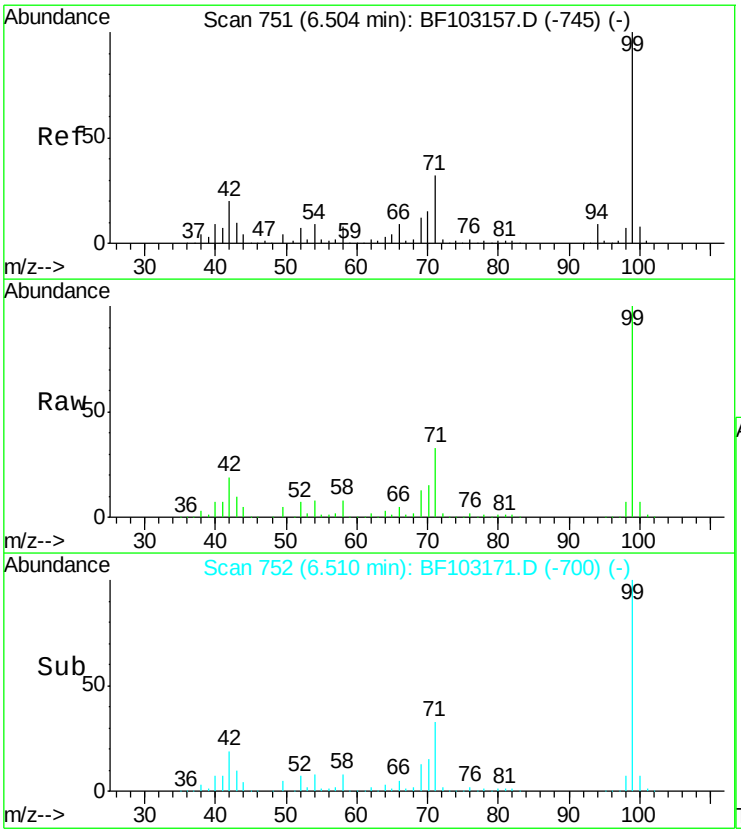
#6
Aniline
Concen: 0.098 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.11 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion: 93 Resp: 1747

Ion	Ratio	Lower	Upper
93	100		
66	14503.6	32.2	48.2#
65	1280.2	16.4	24.6#

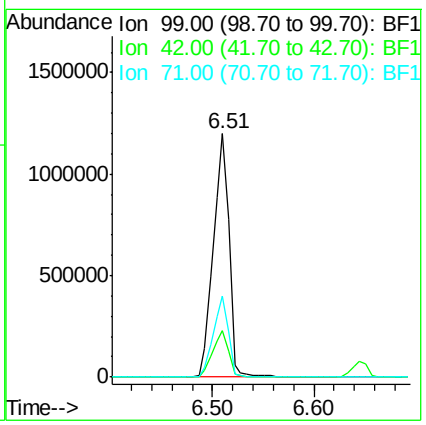


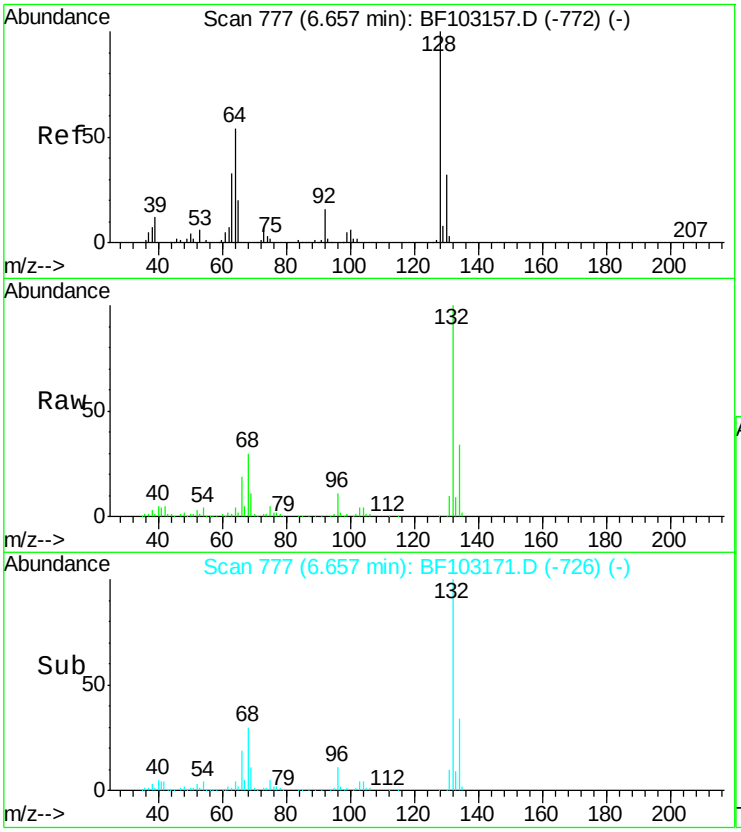


#7
Phenol-d6
Concen: 104.750 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 99 Resp: 1294781

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.2	25.4	38.0



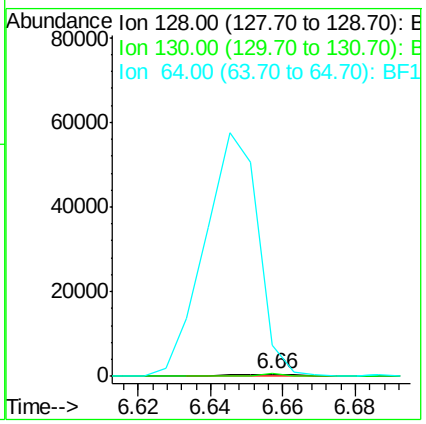


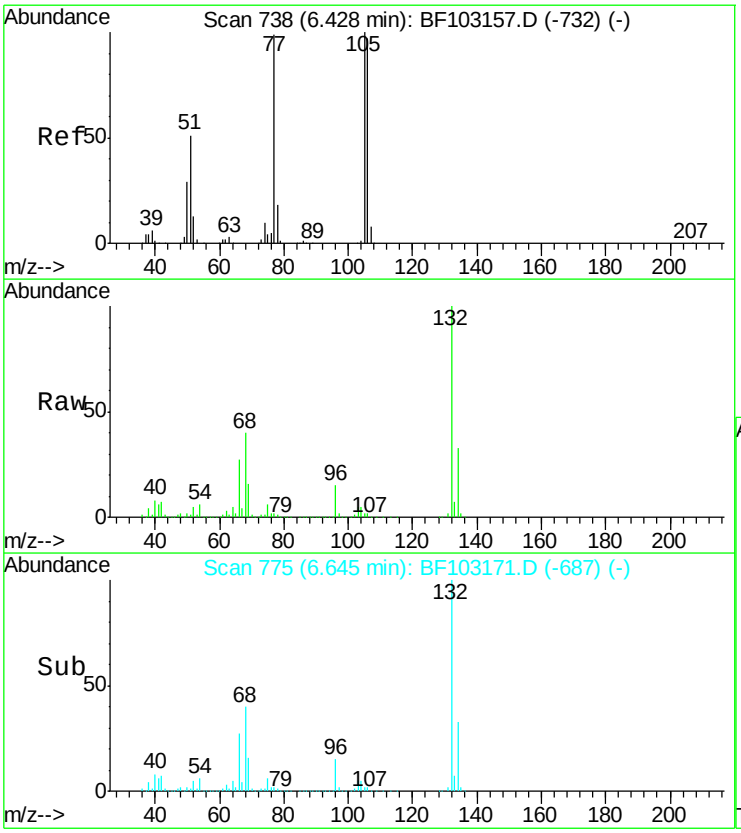
#8
2-Chlorophenol
Concen: 0.062 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:128 Resp: 647

Ion	Ratio	Lower	Upper
128	100		
130	137.2	13.0	53.0#
64	1307.8	29.4	69.4#

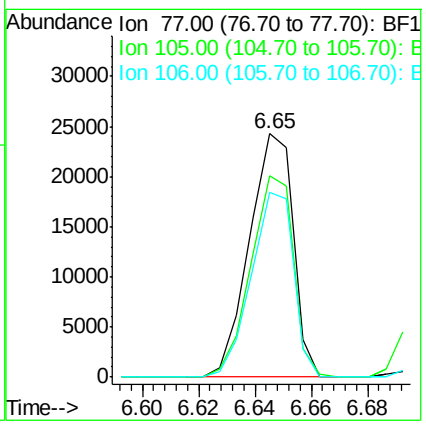


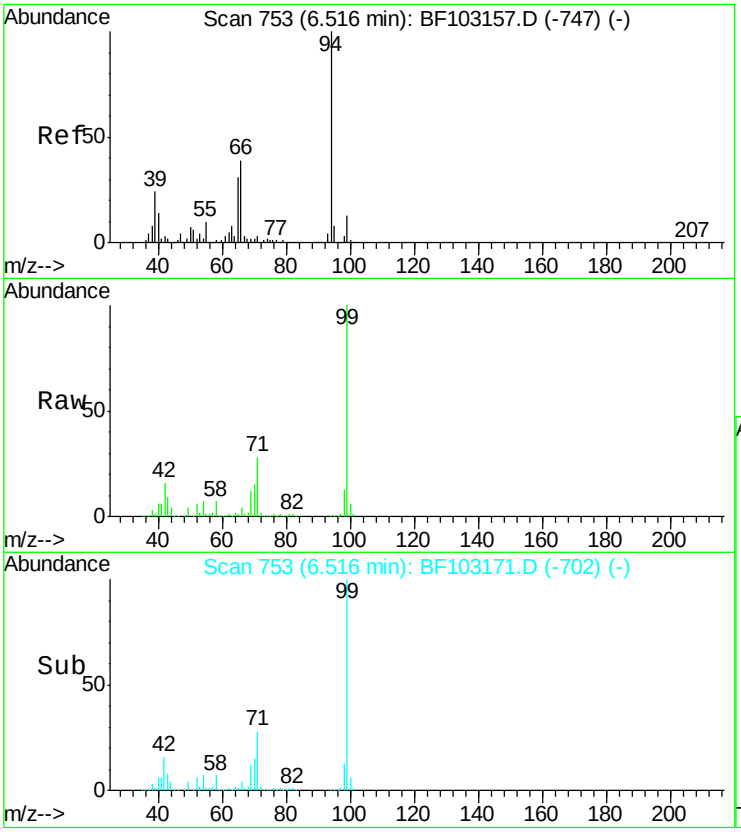


#9
Benzaldehyde
Concen: 1.706 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.22 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 77 Resp: 26020

Ion	Ratio	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	75.8	74.5	114.5



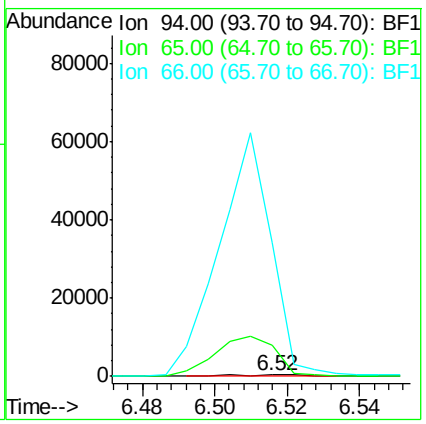


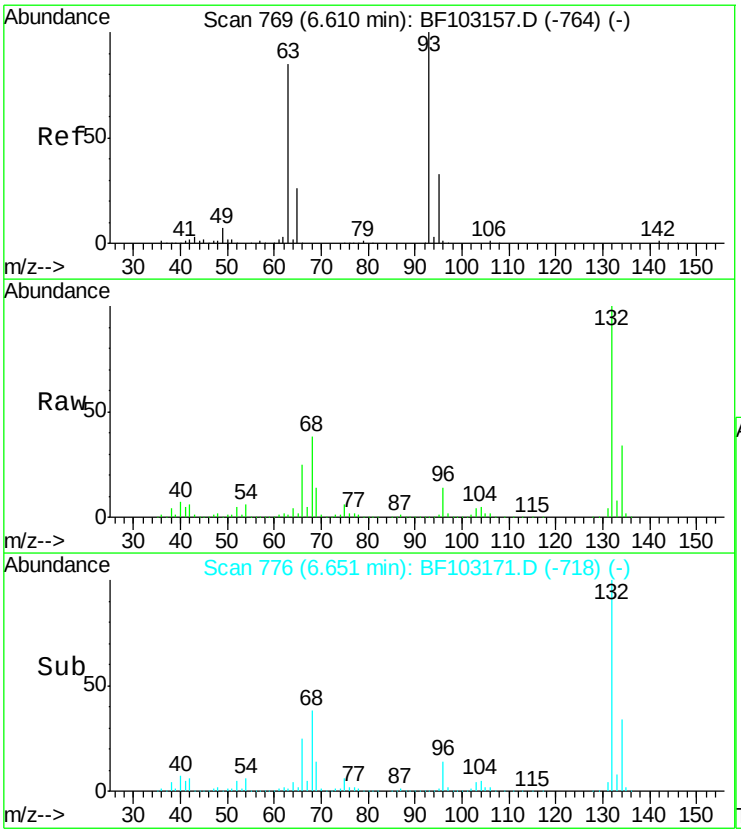
#10
Phenol
Concen: 0.024 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion: 94 Resp: 349

Ion	Ratio	Lower	Upper
94	100		
65	2315.9	7.9	47.9#
66	10016.5	16.2	56.2#

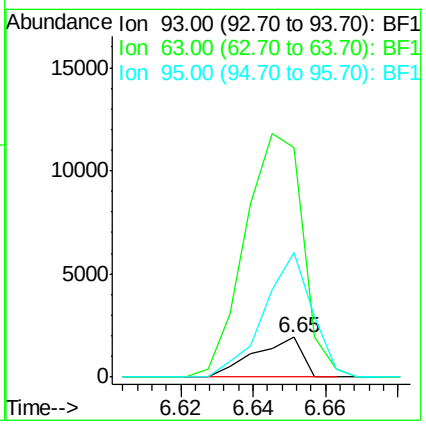


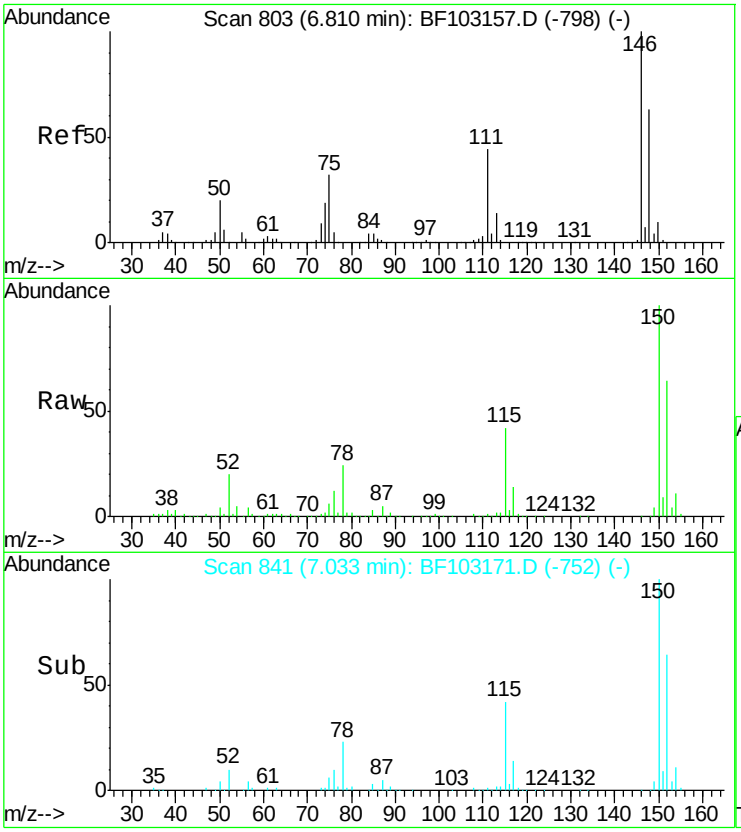


#11
bis(2-Chloroethyl)ether
Concen: 0.160 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.04 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 93 Resp: 1747

Ion	Ratio	Lower	Upper
93	100		
63	577.0	58.6	98.6#
95	314.0	11.8	51.8#



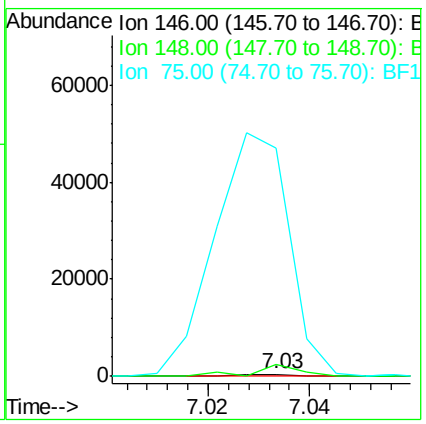


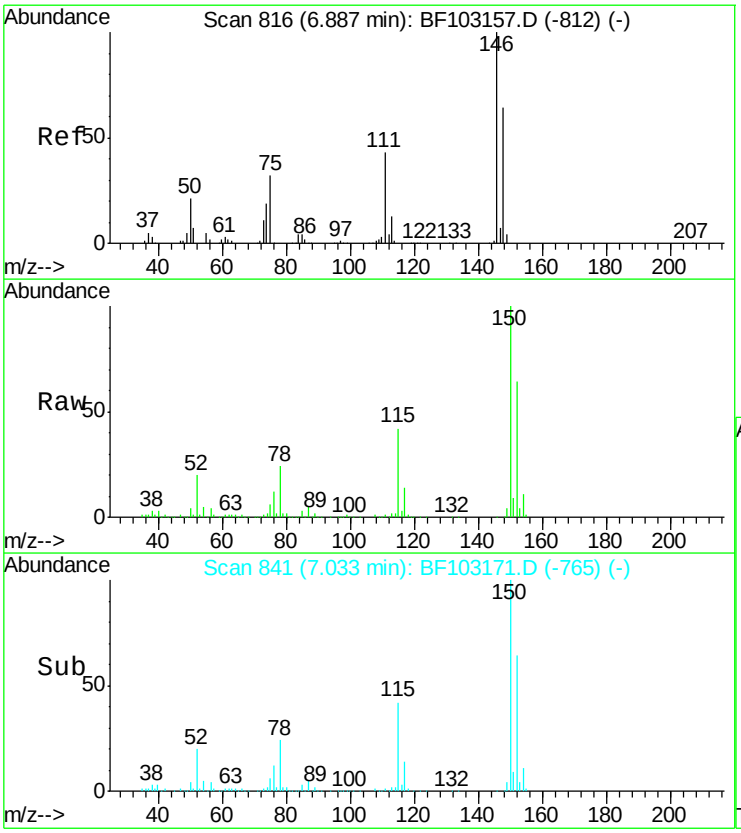
#12
1,3-Dichlorobenzene
Concen: 0.026 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.22 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
148	545.6	51.8	77.8#
75	10629.3	24.2	36.4#

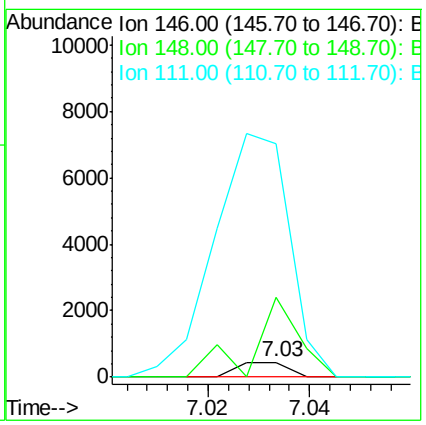


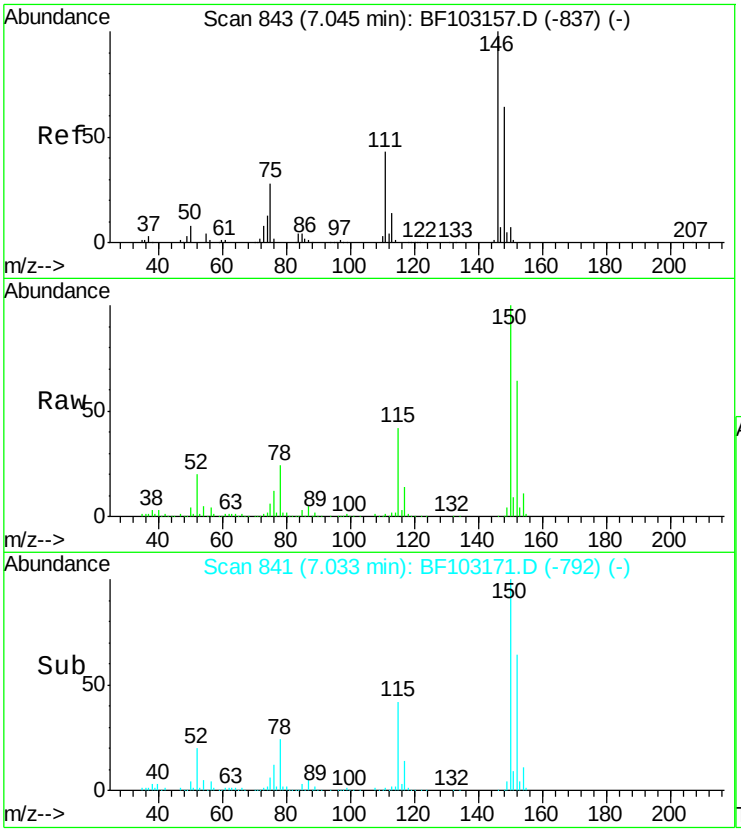


#13
1,4-Dichlorobenzene
Concen: 0.026 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.15 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
148	545.6	50.8	76.2#
111	1588.3	34.2	51.2#



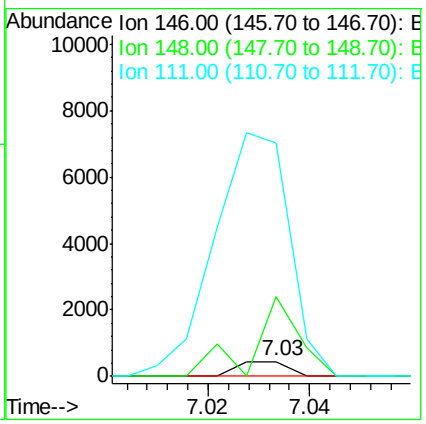


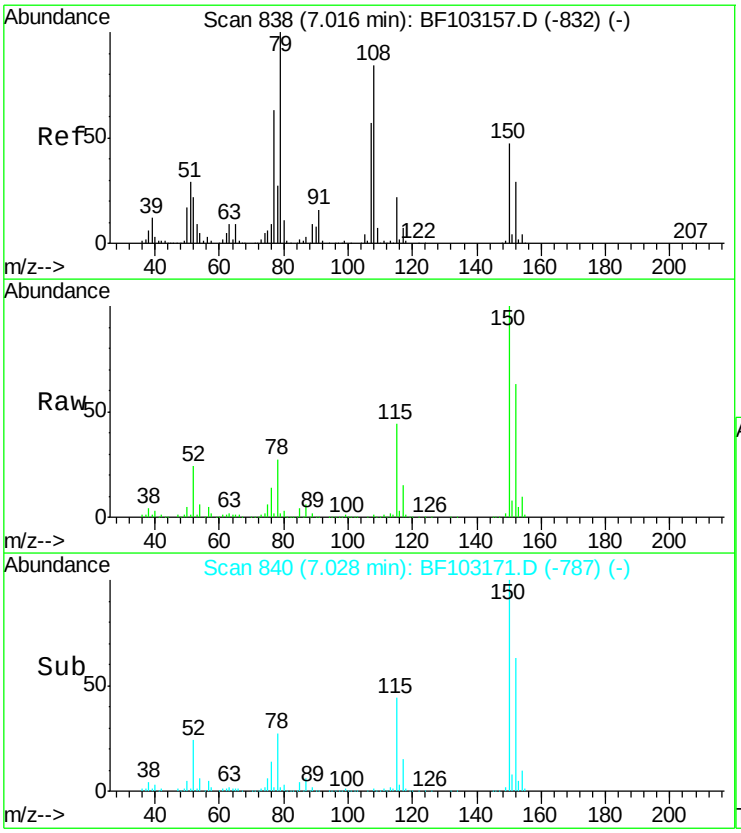
#14
1,2-Dichlorobenzene
Concen: 0.028 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
148	545.6	50.6	75.8#
111	1588.3	36.0	54.0#

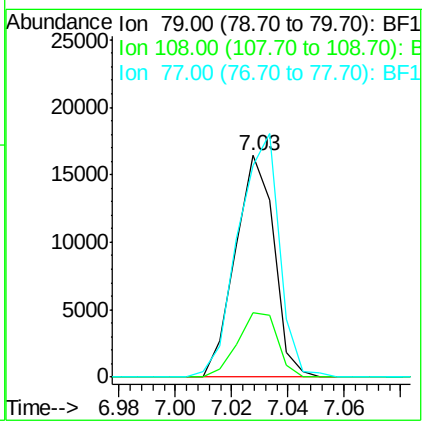


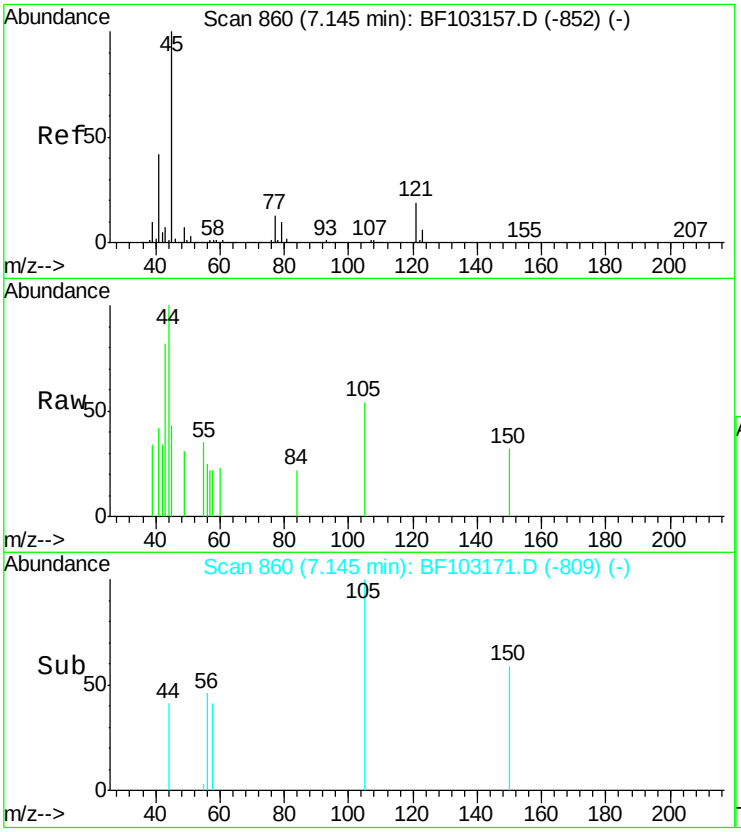


#15
Benzyl Alcohol
Concen: 1.678 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 79 Resp: 15629

Ion	Ratio	Lower	Upper
79	100		
108	29.3	65.1	97.7#
77	95.8	50.6	75.8#



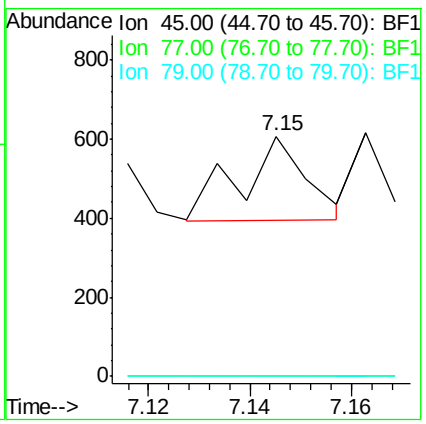


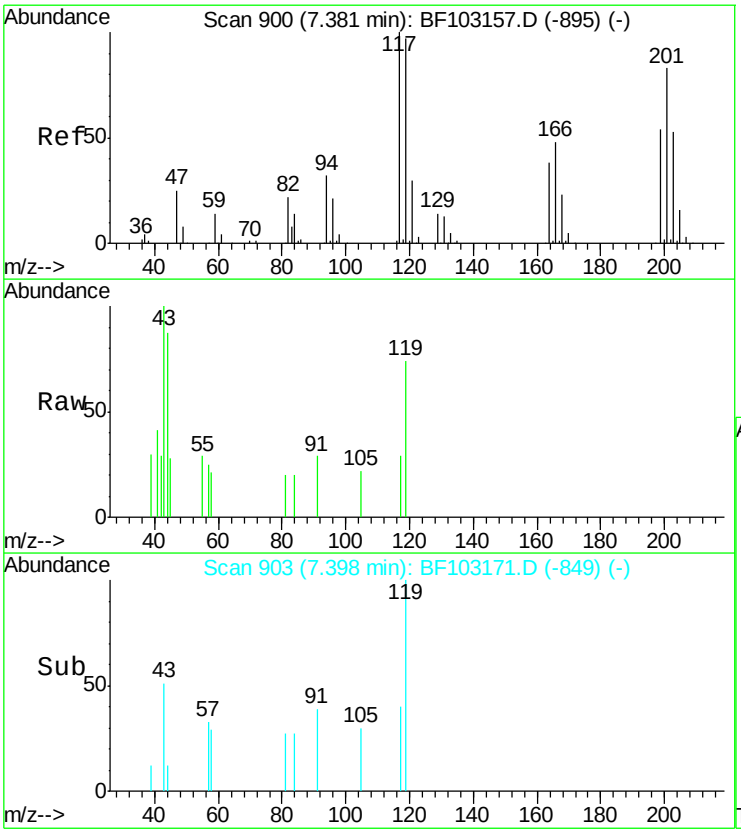
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.011 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion: 45 Resp: 198

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

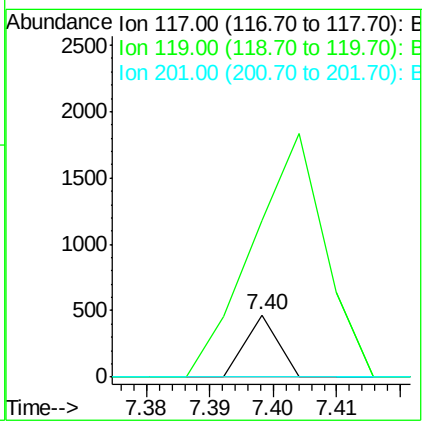


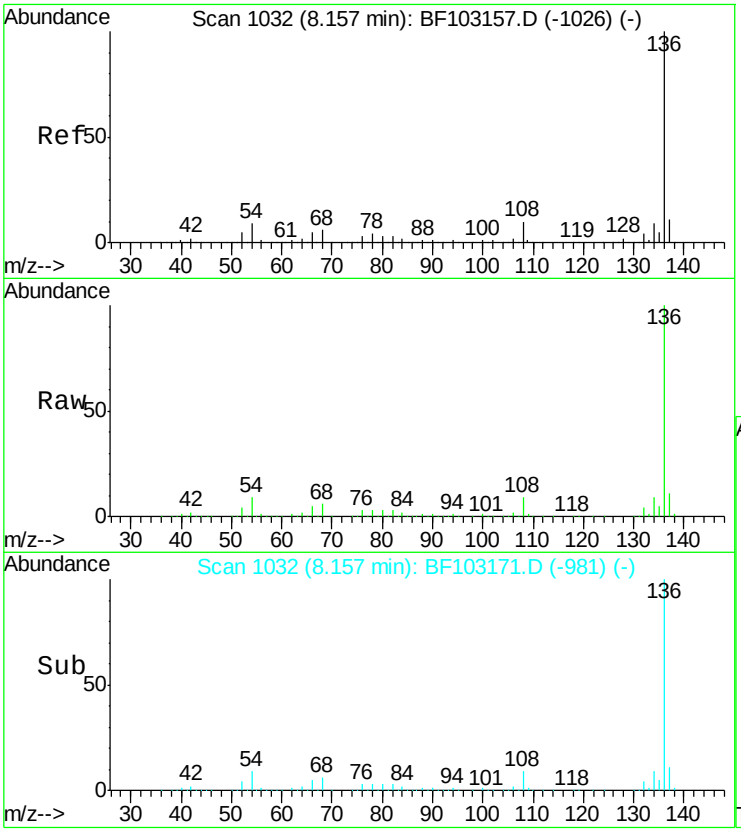


#18
Hexachloroethane
Concen: 0.037 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:117 Resp: 164

Ion	Ratio	Lower	Upper
117	100		
119	252.8	75.8	113.8#
201	0.0	75.7	113.5#



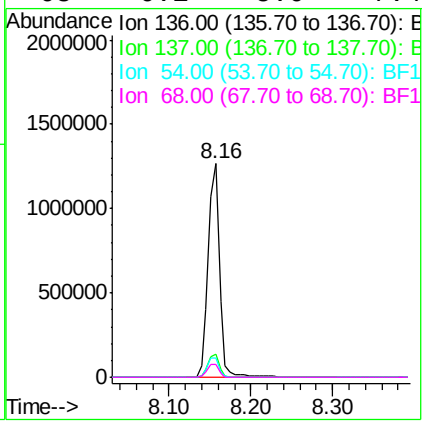


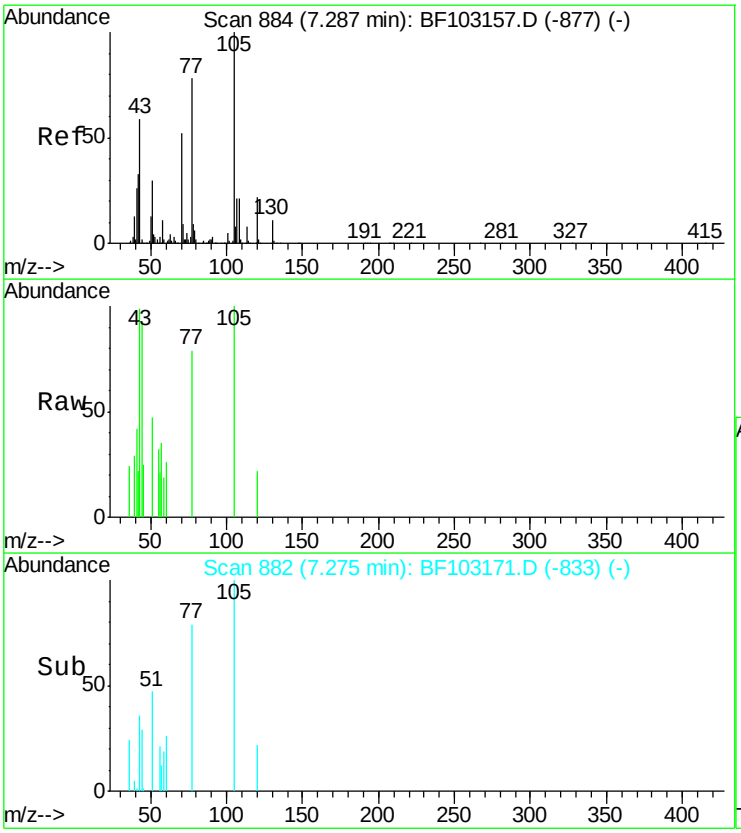
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:136 Resp: 1225717

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	6.1	5.0	7.4

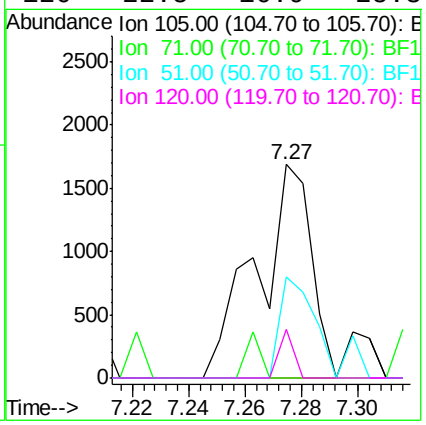


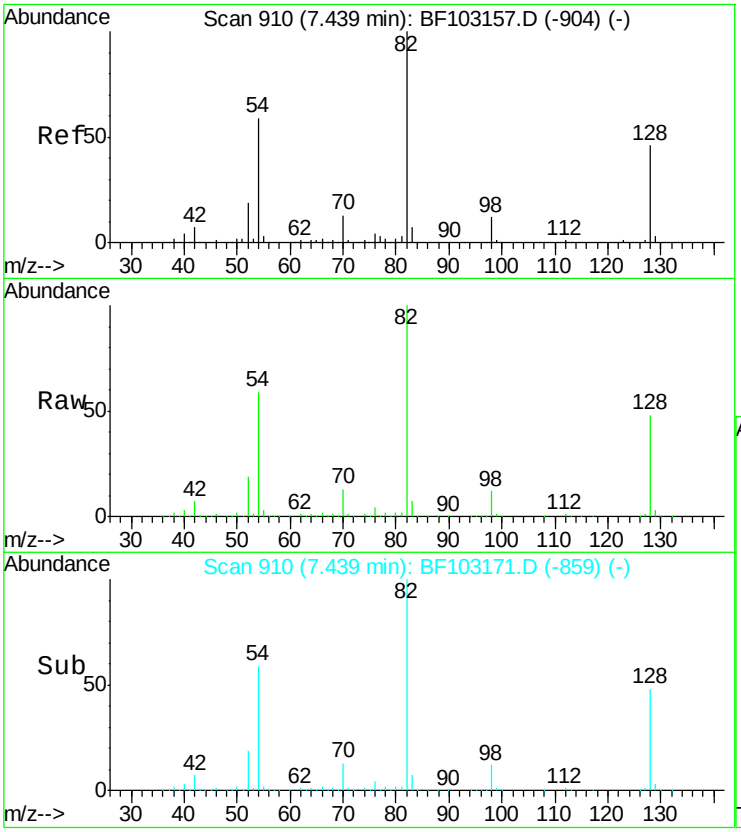


#22
Acetophenone
Concen: 0.158 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:105 Resp: 2258

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	47.2	22.3	33.5#
120	22.5	16.9	25.3



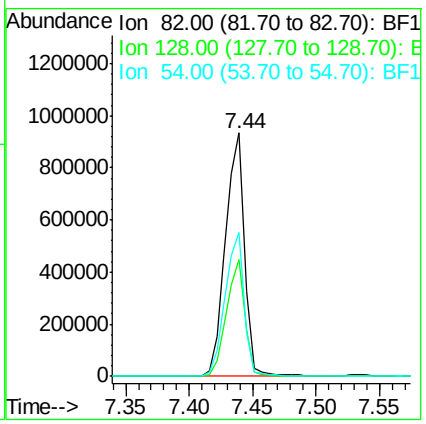


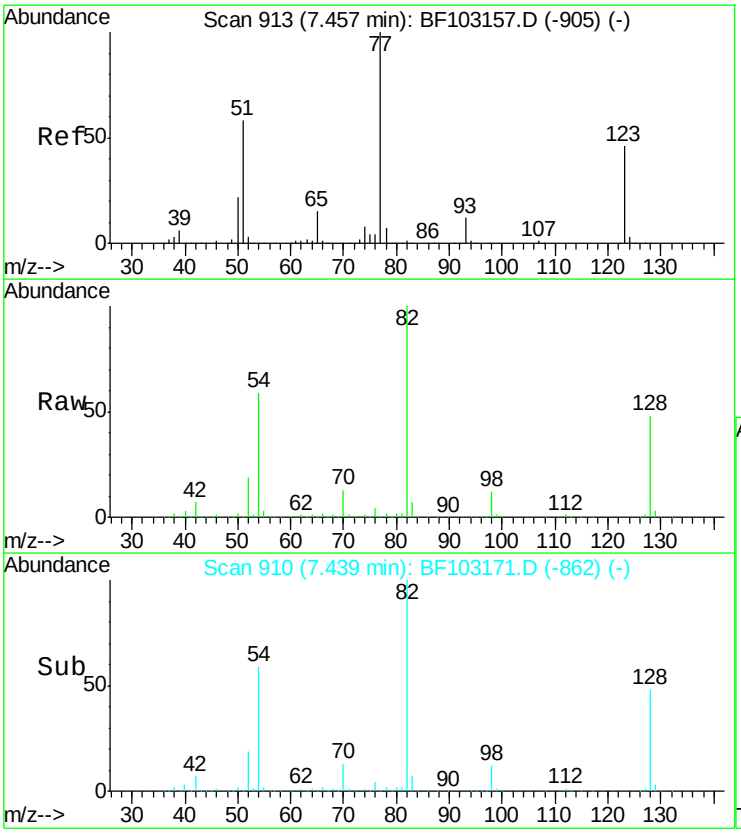
#23
Nitrobenzene-d5
Concen: 90.776 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion: 82 Resp: 974166

Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	59.1	41.4	62.2

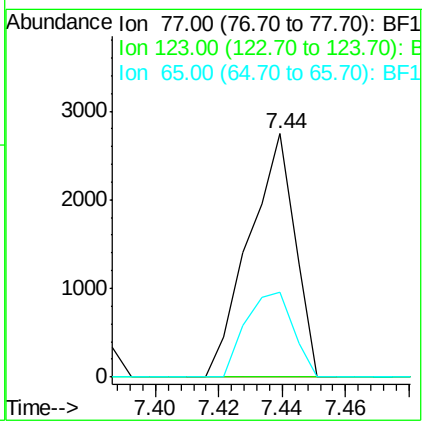


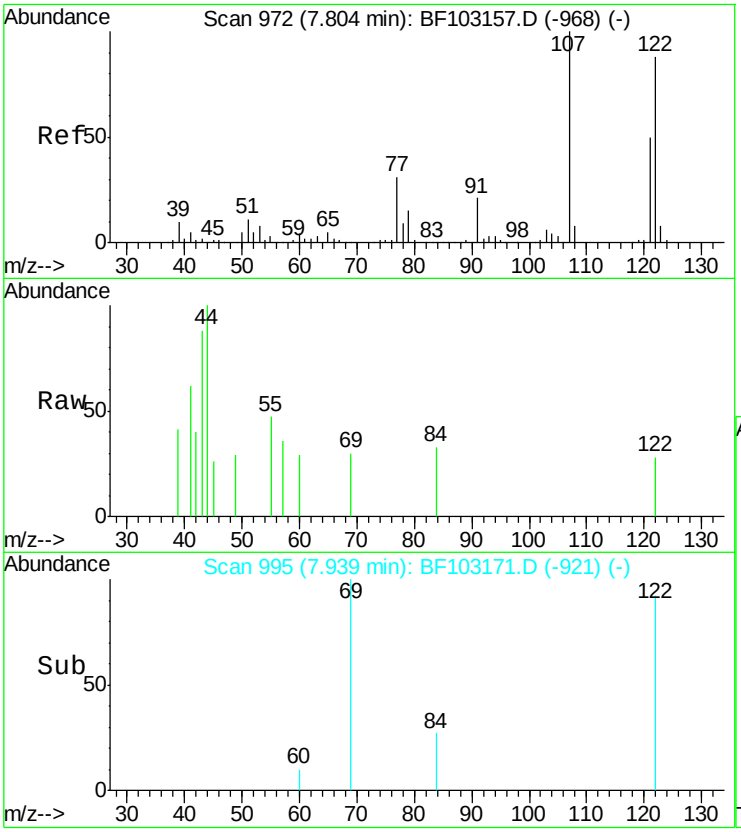


#24
Nitrobenzene
Concen: 0.234 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 77 Resp: 2764

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	34.6	11.0	16.4#



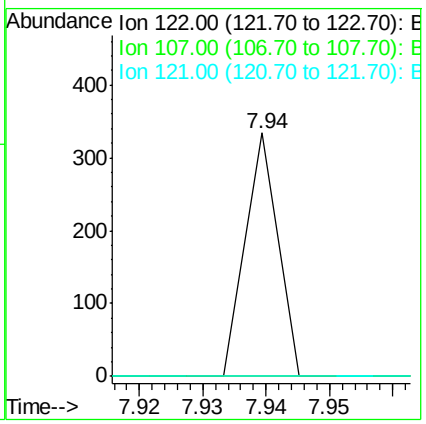


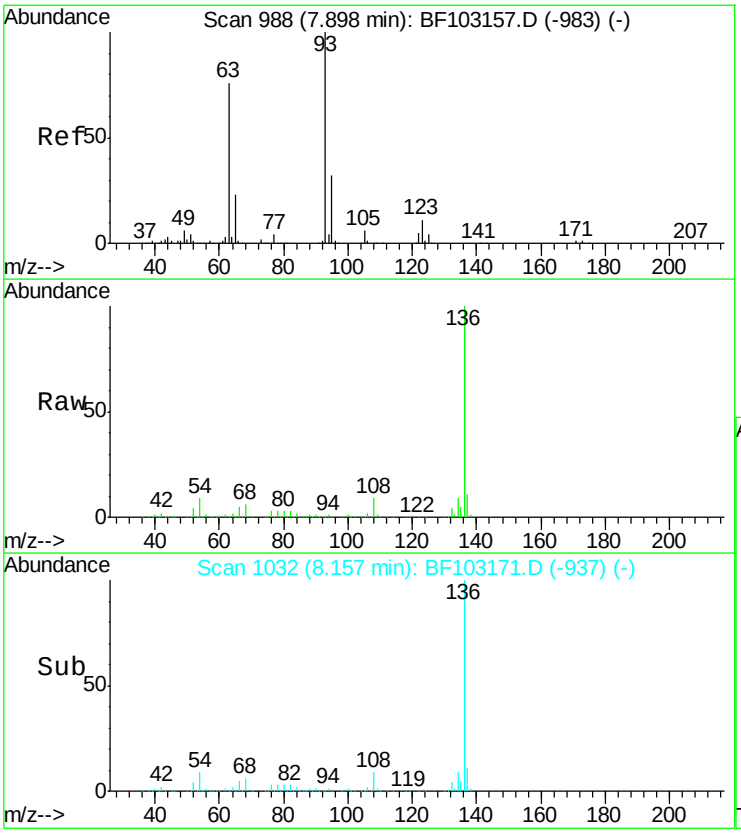
#27
2,4-Dimethylphenol
Concen: 0.014 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.14 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:122 Resp: 118

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

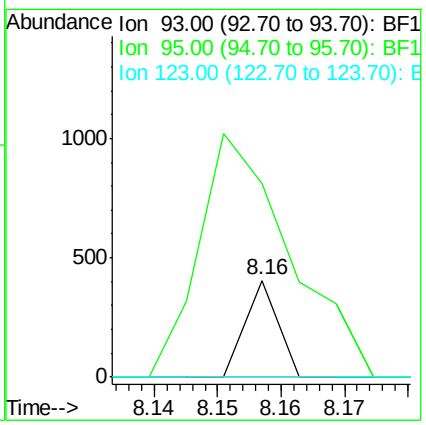


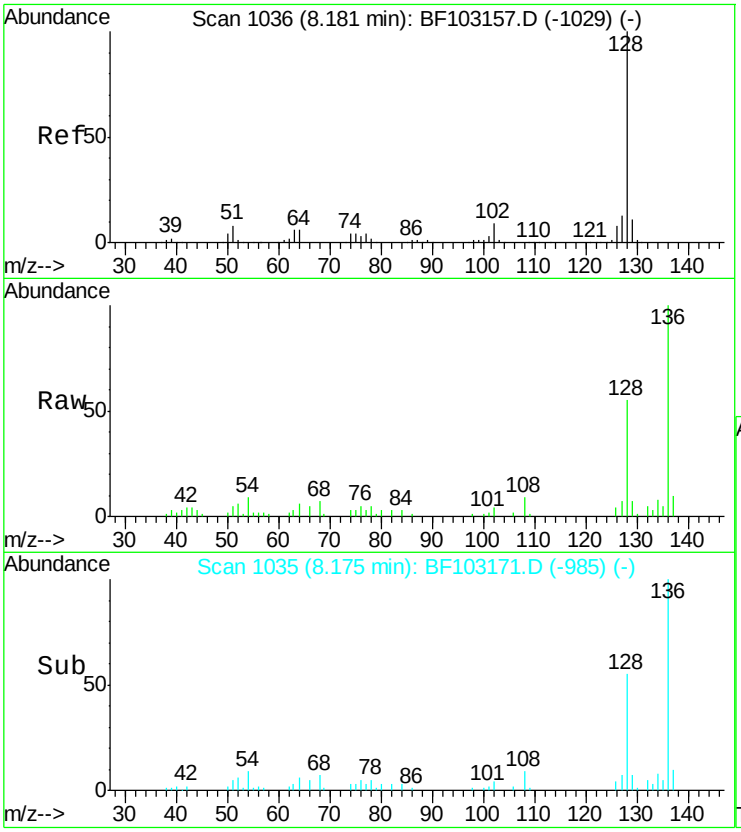


#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.26 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 93 Resp: 143

Ion	Ratio	Lower	Upper
93	100		
95	201.2	26.3	39.5#
123	0.0	9.8	14.6#



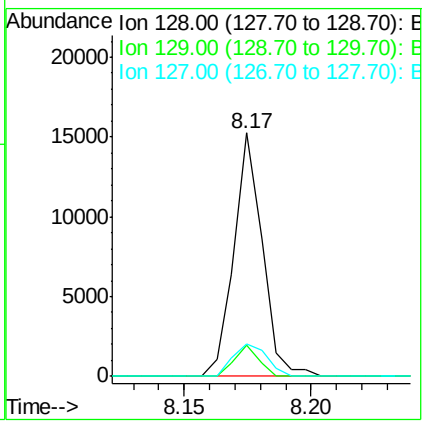


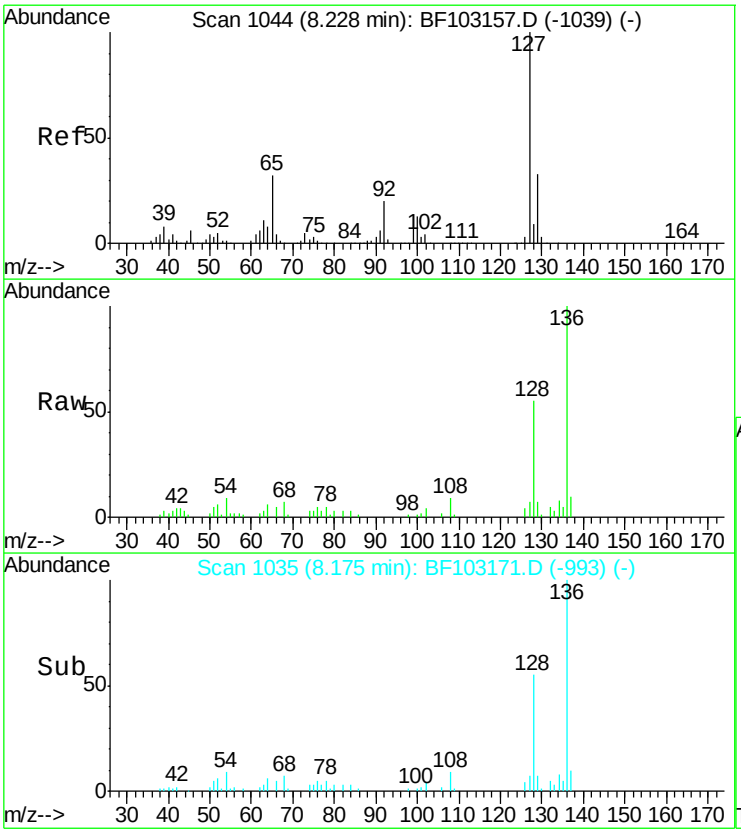
#31
Naphthalene
Concen: 0.395 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:128 Resp: 11842

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.8	13.2
127	13.5	10.9	16.3

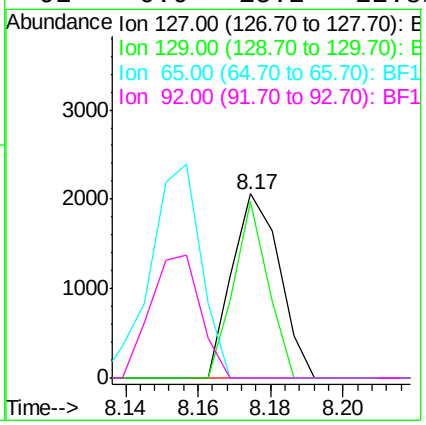


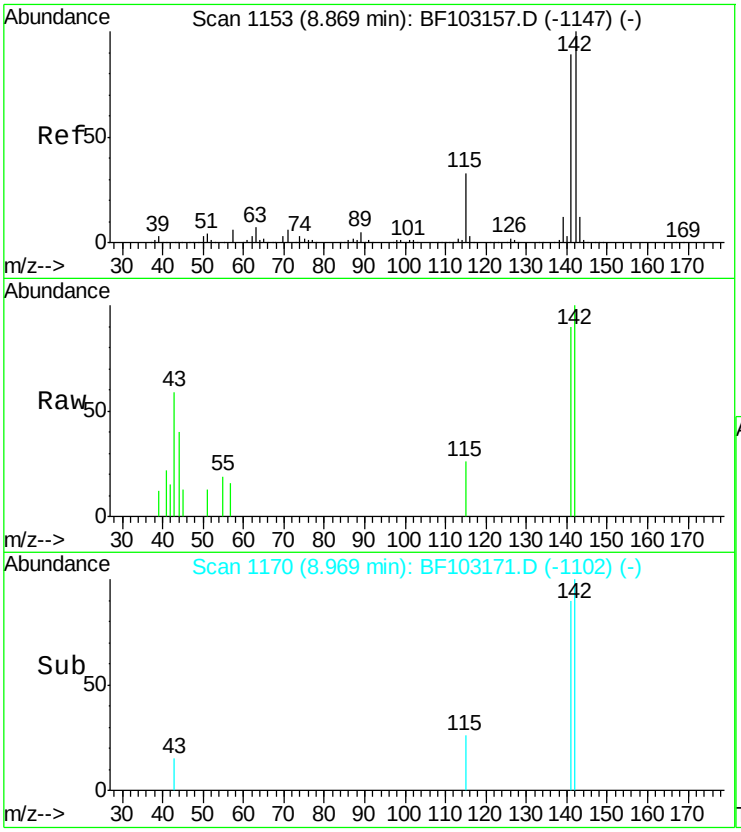


#33
4-Chloroaniline
Concen: 0.144 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:127 Resp: 1868

Ion	Ratio	Lower	Upper
127	100		
129	96.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



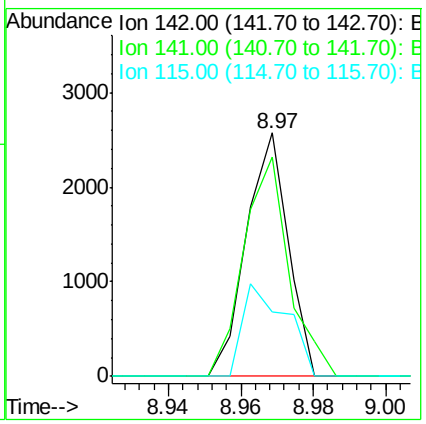


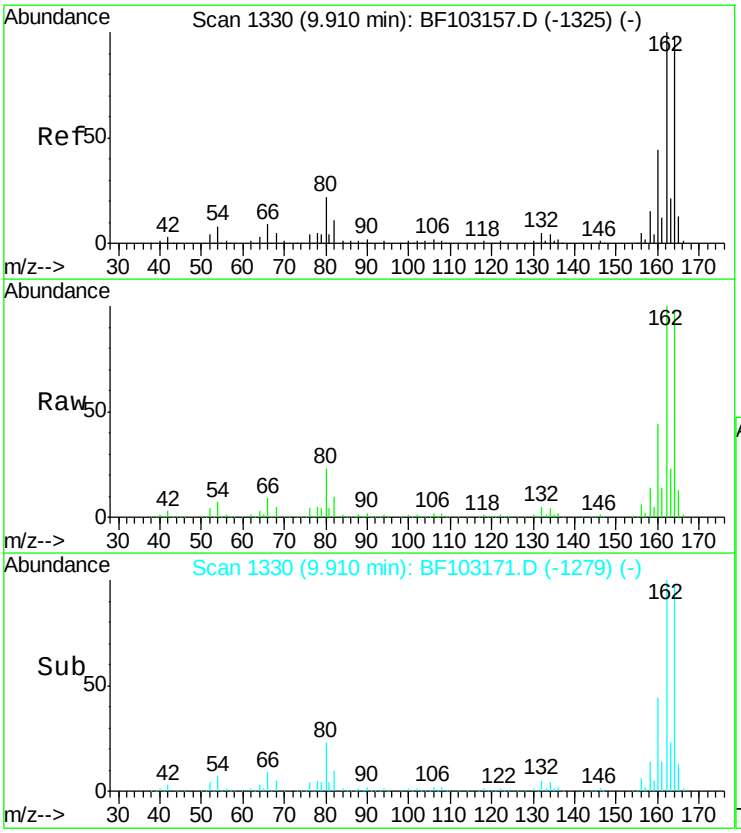
#37
2-Methylnaphthalene
Concen: 0.106 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.10 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:142 Resp: 2052

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	26.4	26.1	39.1

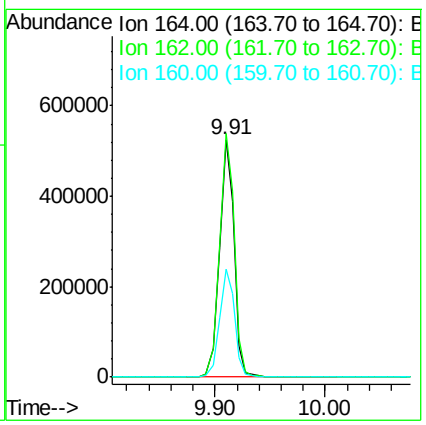


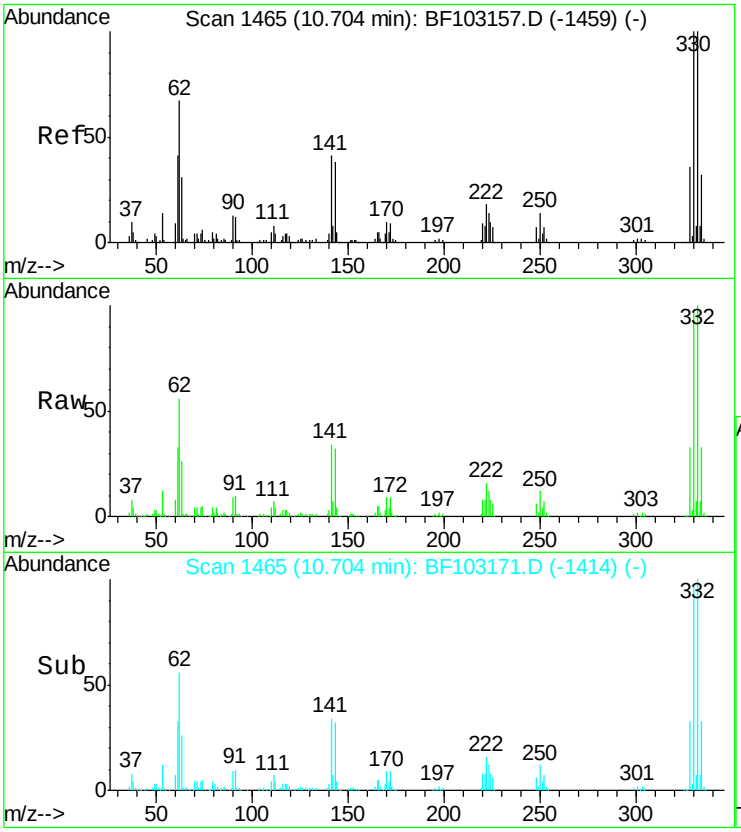


#38
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:164 Resp: 482749

Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.6	38.3	57.5



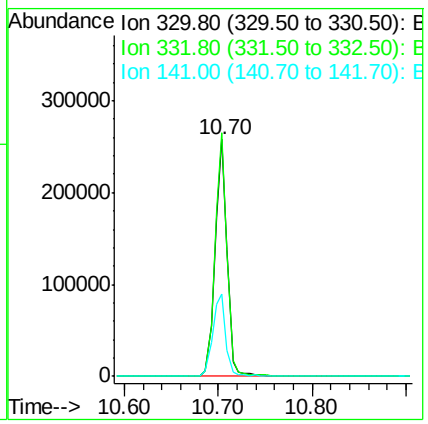


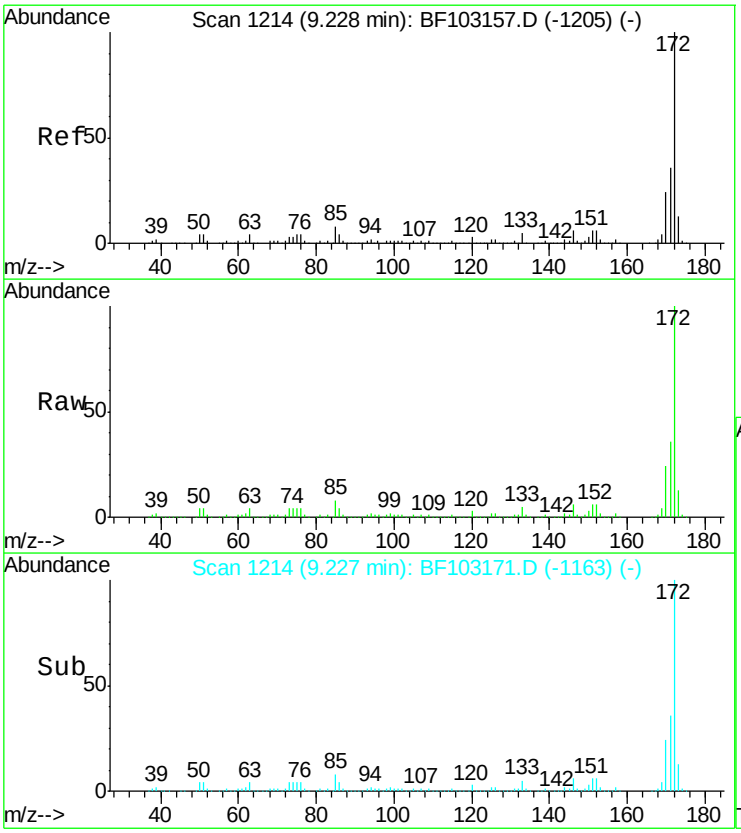
#41
2,4,6-Tribromophenol
Concen: 115.786 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:330 Resp: 236563

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	38.0	29.9	44.9

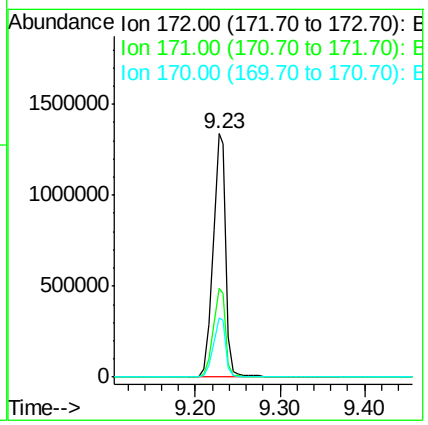


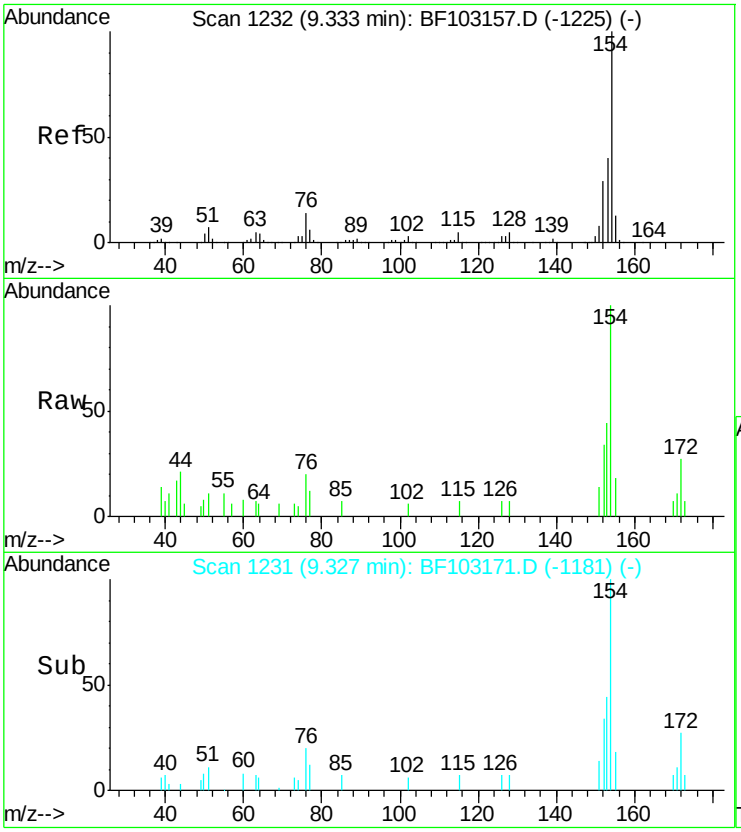


#44
2-Fluorobiphenyl
Concen: 91.944 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:172 Resp: 1447561

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



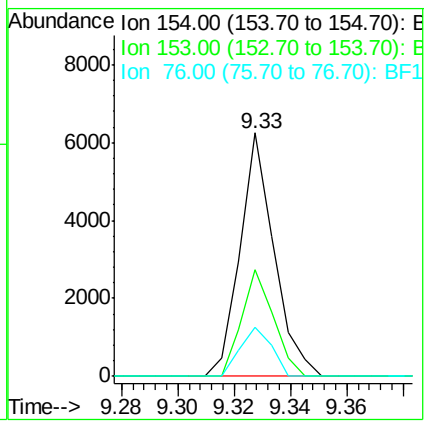


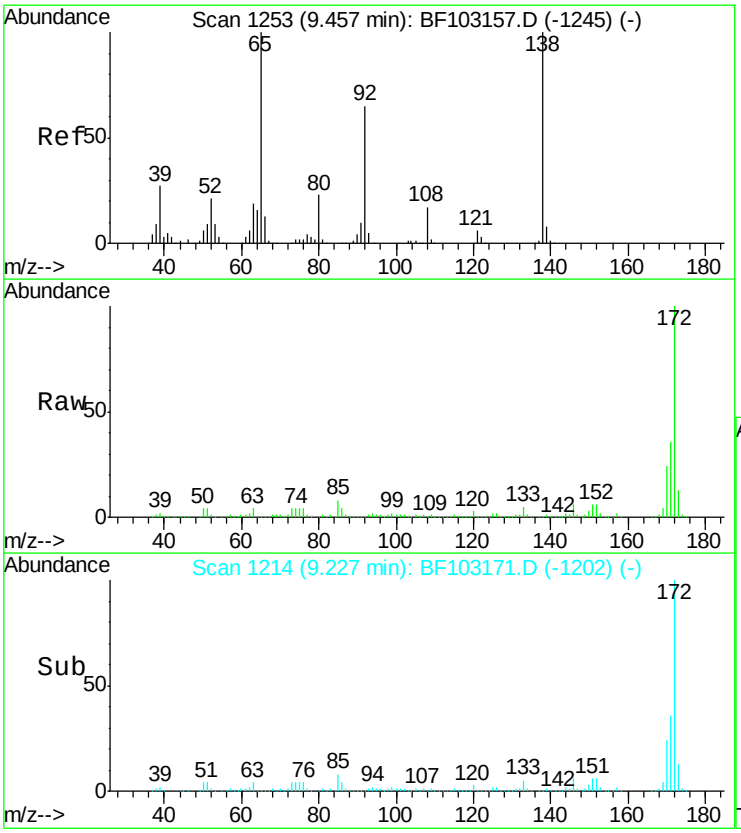
#45
1,1'-Biphenyl
Concen: 0.258 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:154 Resp: 5222

Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.3	61.3
76	20.4	0.0	34.0

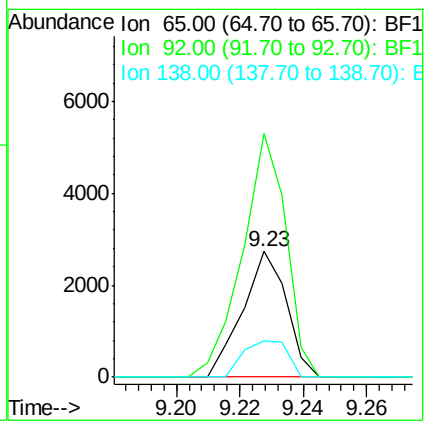


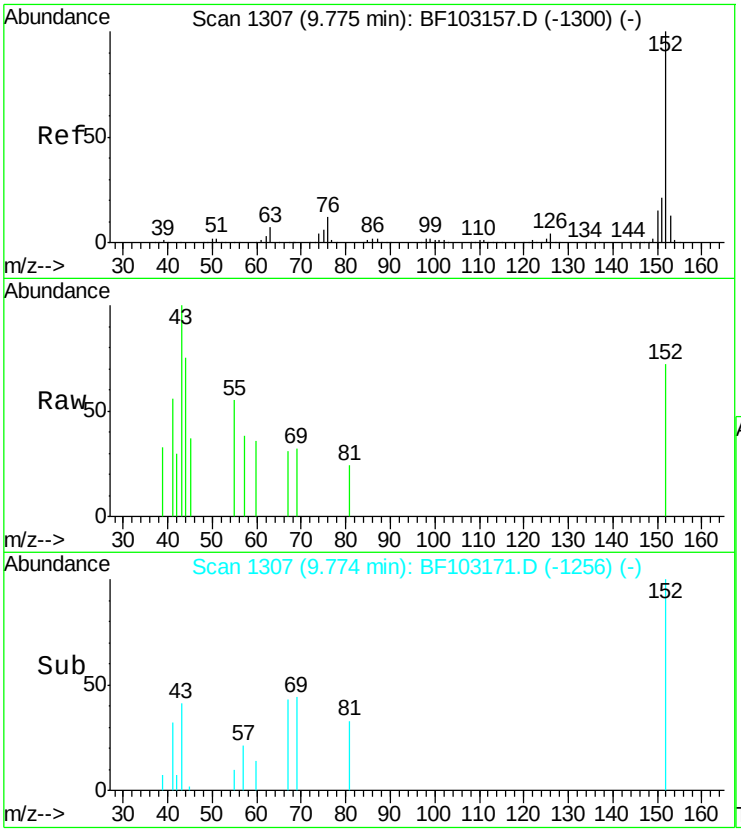


#47
2-Nitroaniline
Concen: 0.443 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.23 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion: 65 Resp: 2625

Ion	Ratio	Lower	Upper
65	100		
92	194.1	55.8	83.6#
138	28.9	91.2	136.8#



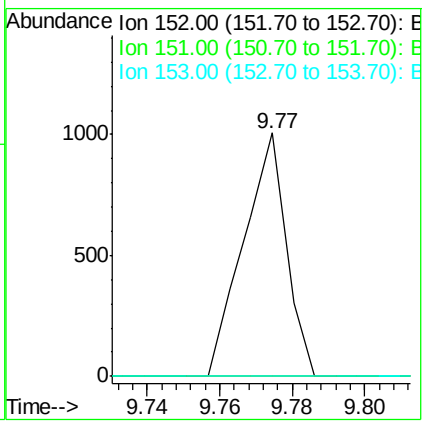


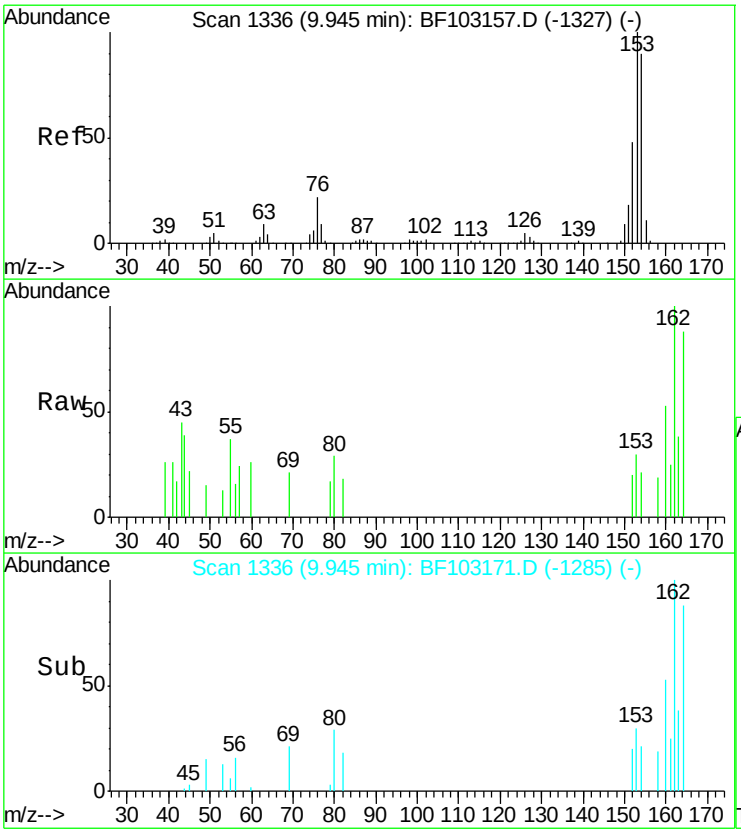
#48
Acenaphthylene
Concen: 0.033 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:152 Resp: 822

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

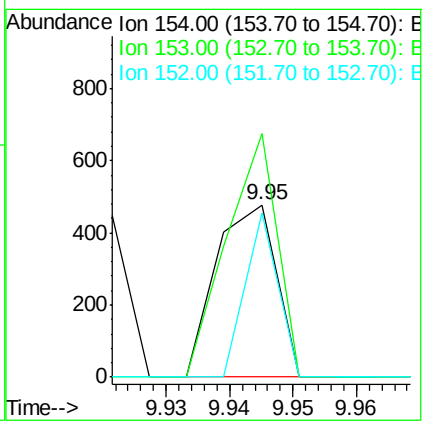


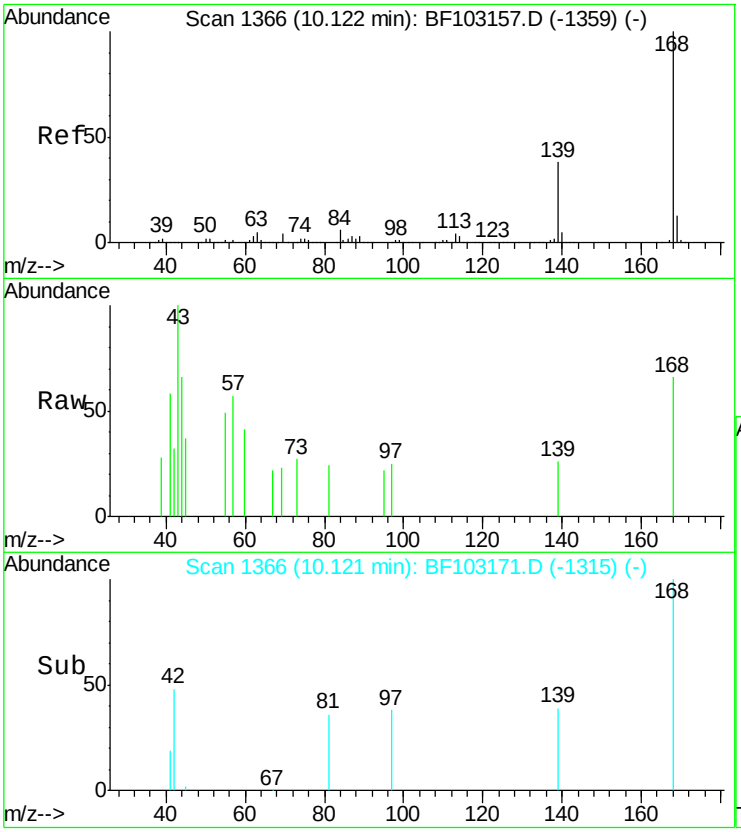


#51
Acenaphthene
Concen: 0.022 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:154 Resp: 310

Ion	Ratio	Lower	Upper
154	100		
153	141.2	91.2	136.8#
152	95.4	43.8	65.8#



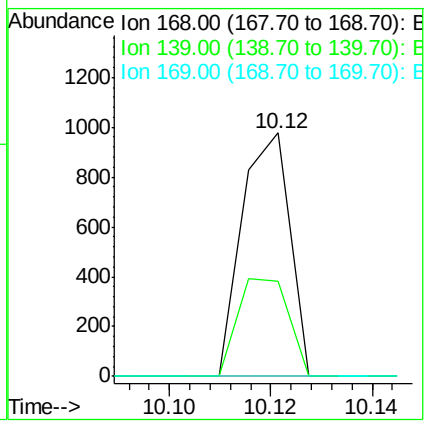


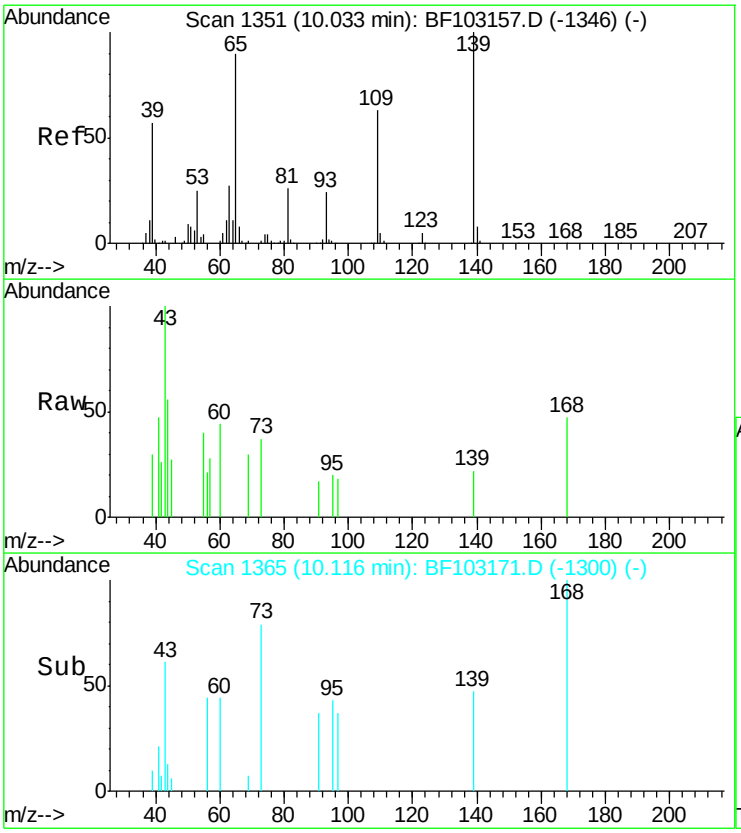
#54
Dibenzofuran
Concen: 0.032 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:168 Resp: 637

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	0.0	10.9	16.3#

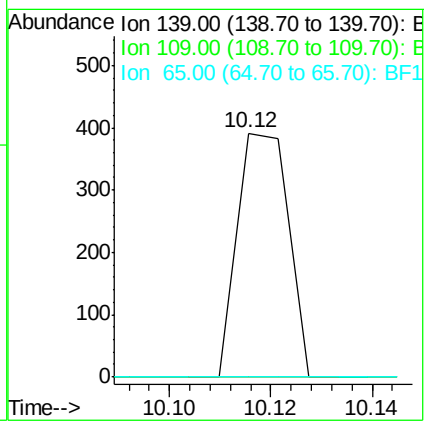


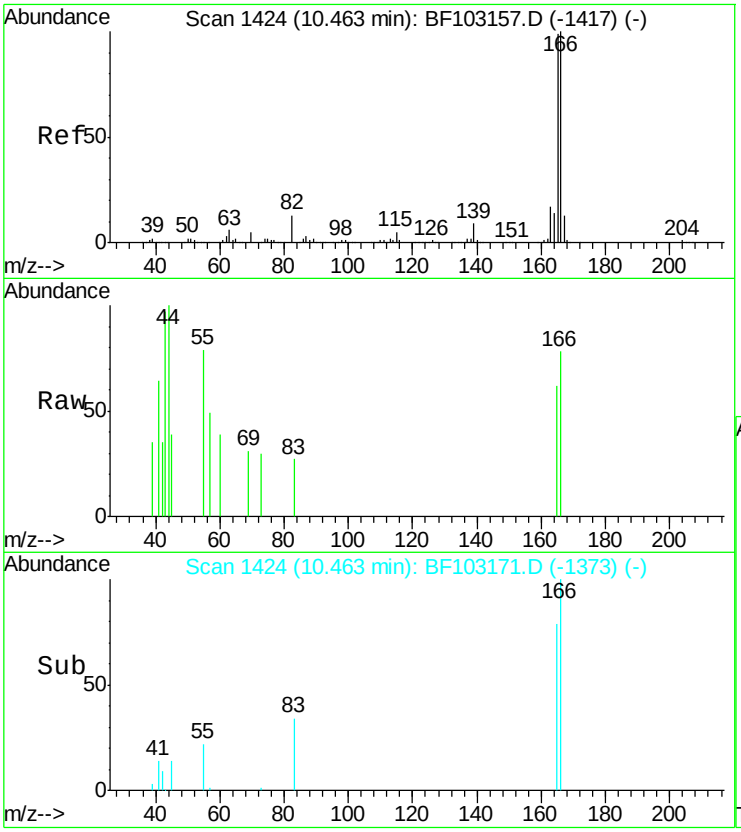


#55
4-Nitrophenol
Concen: 0.085 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:139 Resp: 273

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



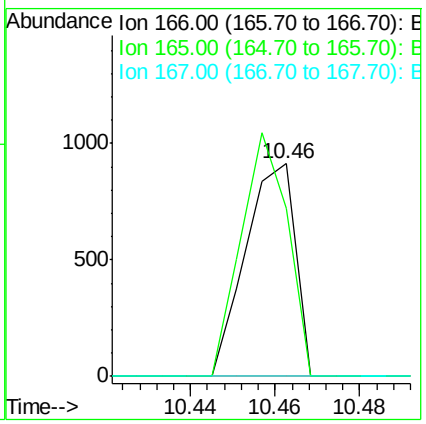


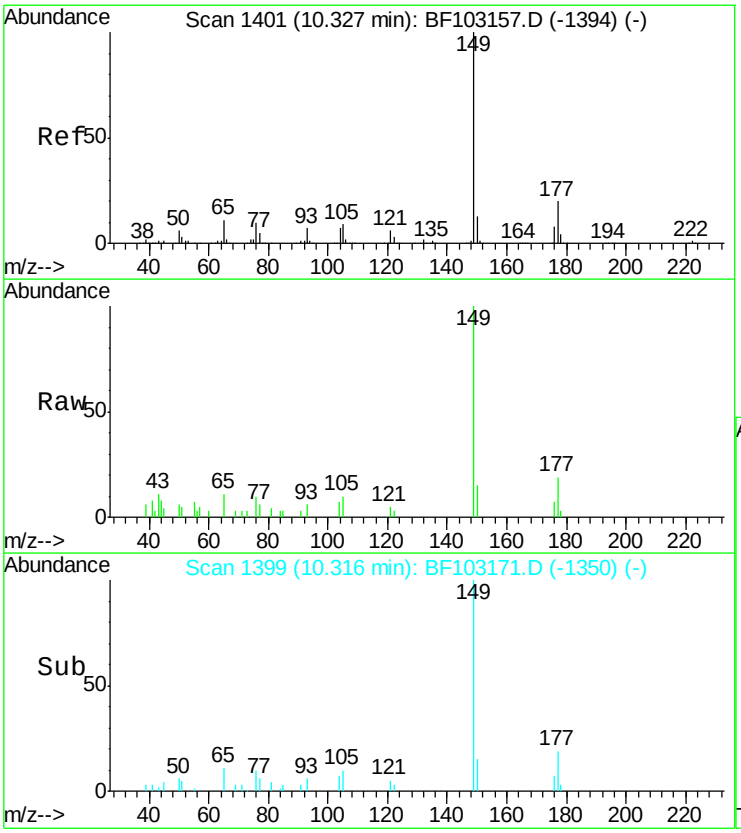
#57
Fluorene
Concen: 0.045 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:166 Resp: 749

Ion	Ratio	Lower	Upper
166	100		
165	79.4	79.8	119.8#
167	0.0	10.6	16.0#

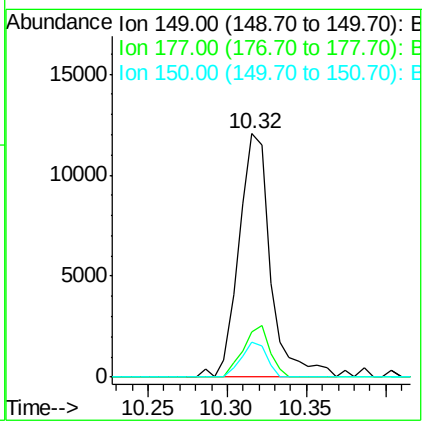


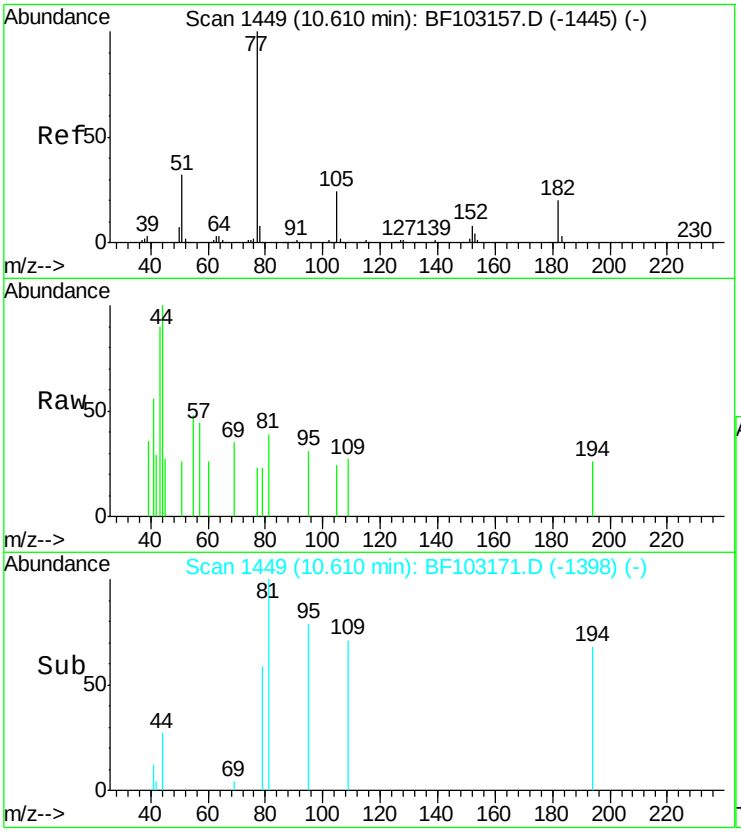


#59
Diethylphthalate
Concen: 0.899 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:149 Resp: 16649

Ion	Ratio	Lower	Upper
149	100		
177	18.6	16.1	24.1
150	14.6	10.1	15.1



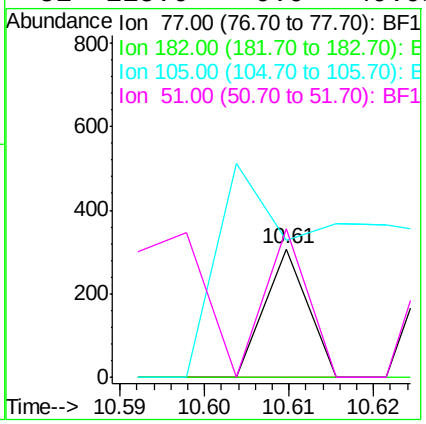


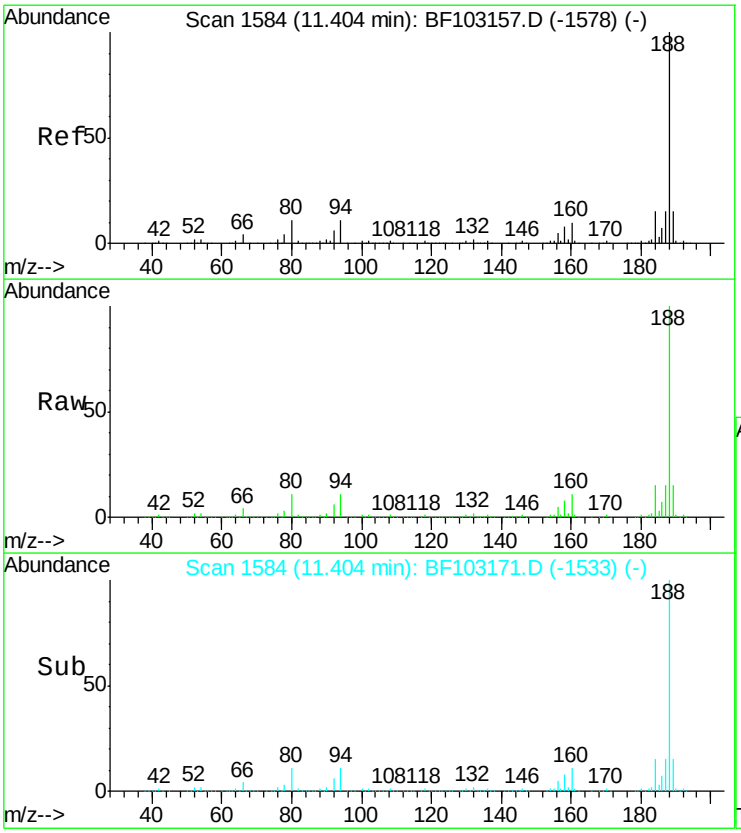
#62
Azobenzene
Concen: 0.006 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument : BNA_F
ClientSampleId : HD-01-022118

Tgt Ion: 77 Resp: 108

Ion	Ratio	Lower	Upper
77	100		
182	0.0	1.7	41.7#
105	106.5	3.0	43.0#
51	115.6	9.9	49.9#

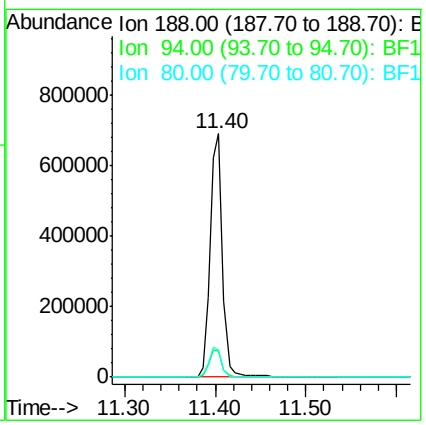


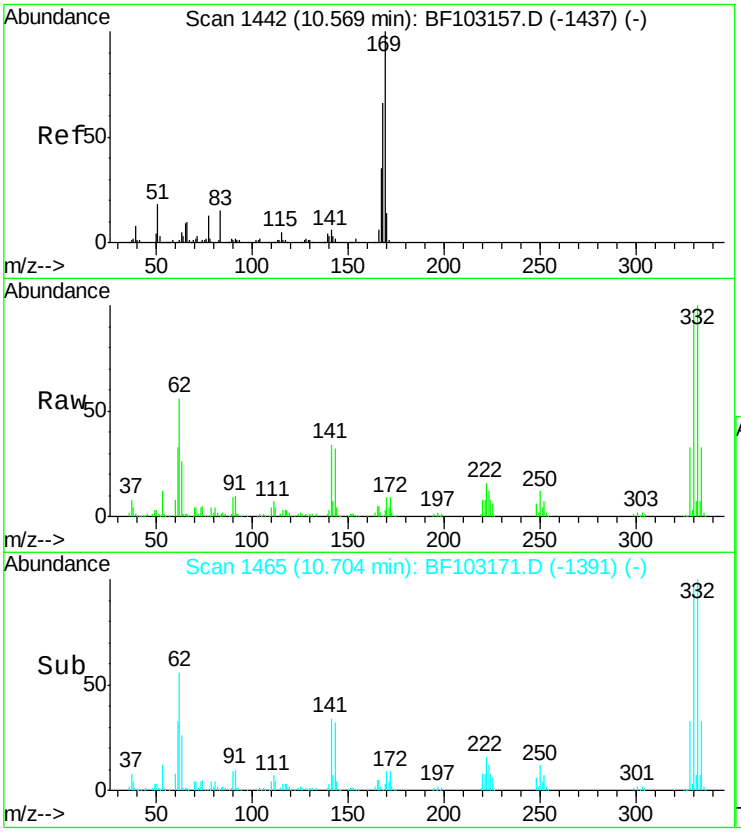


#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:188 Resp: 657239

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.2	9.2	13.8



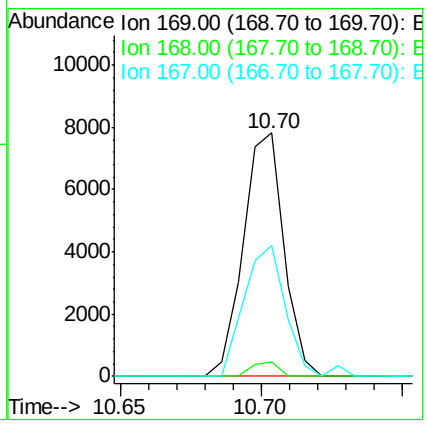


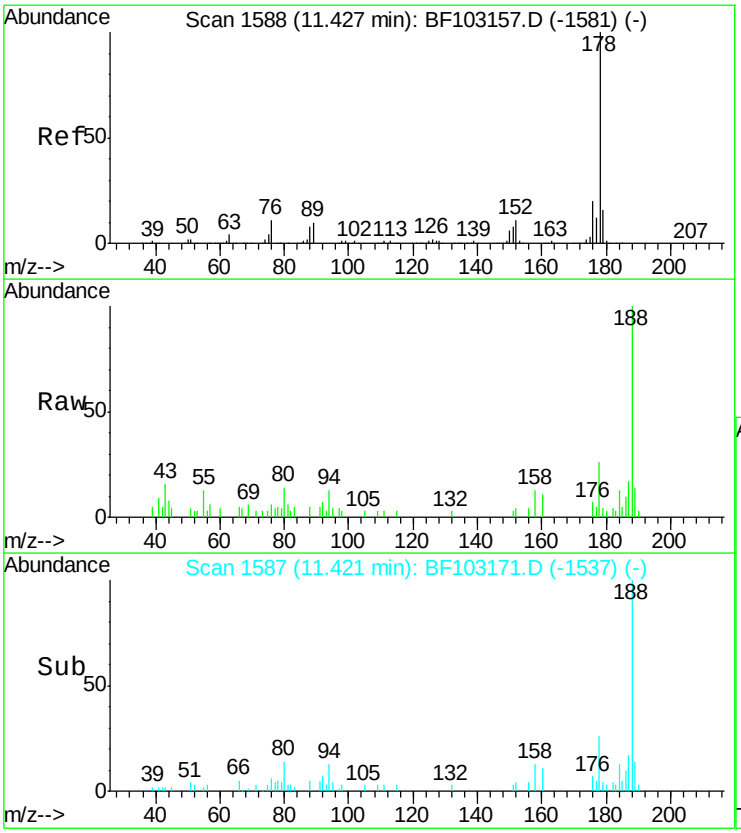
#65
n-Nitrosodiphenylamine
Concen: 0.682 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.14 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:169 Resp: 7805

Ion	Ratio	Lower	Upper
169	100		
168	6.2	54.4	81.6#
167	60.2	29.8	44.6#

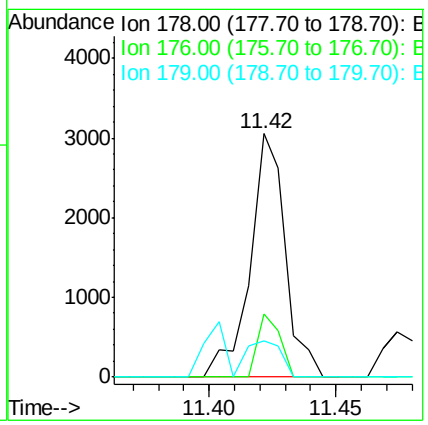


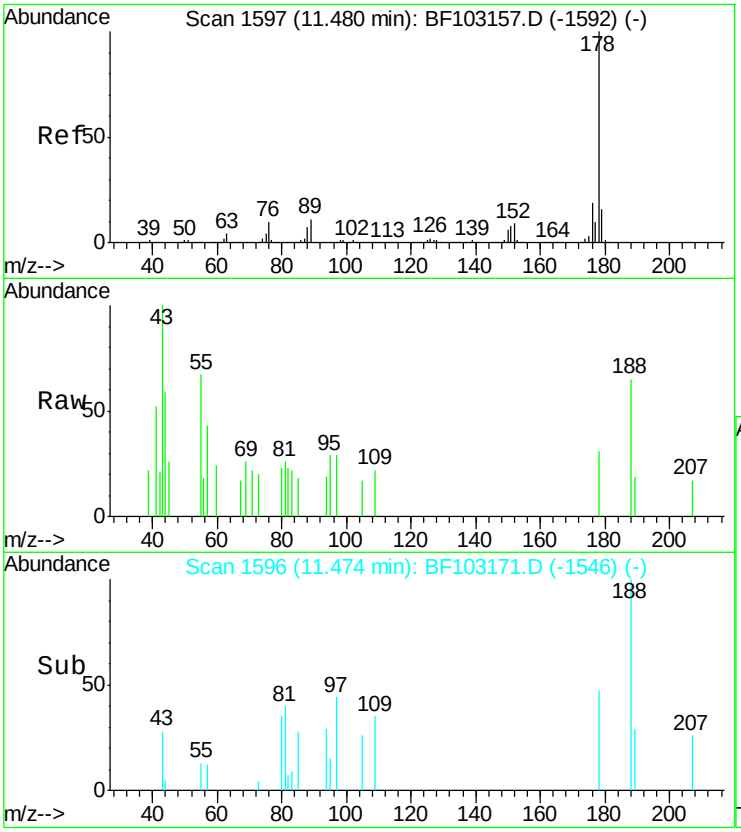


#70
Phenanthrene
Concen: 0.163 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:178 Resp: 2946

Ion	Ratio	Lower	Upper
178	100		
176	25.8	15.8	23.8#
179	15.1	13.0	19.6



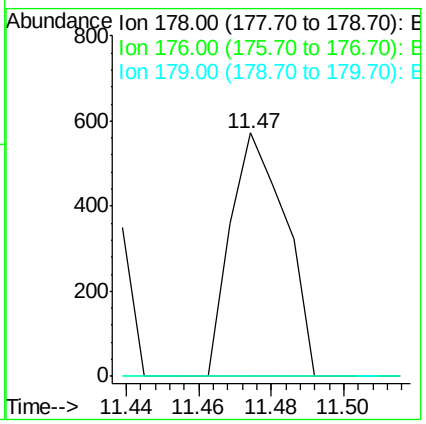


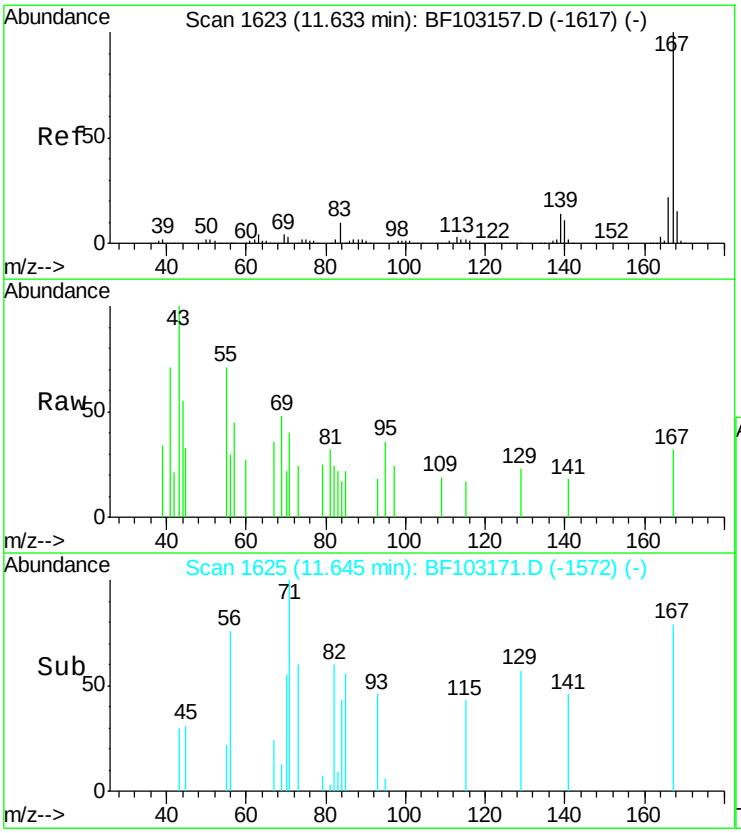
#71
Anthracene
Concen: 0.033 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:178 Resp: 603

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

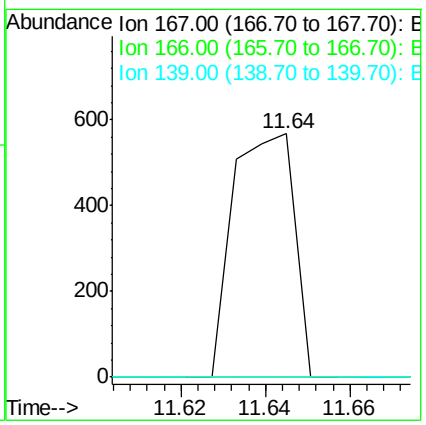


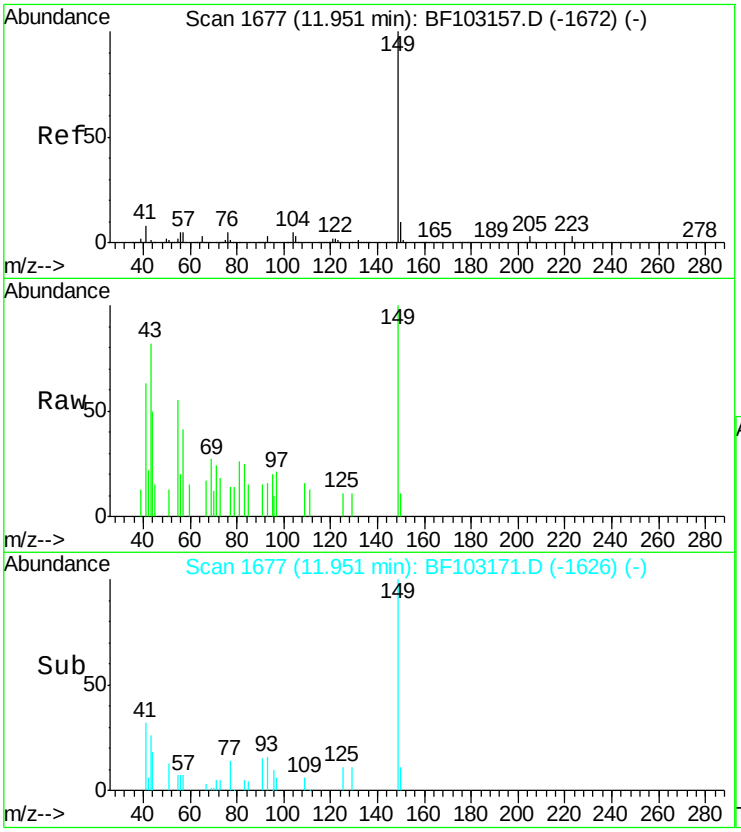


#72
Carbazole
Concen: 0.031 ng
RT: 11.64 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:167 Resp: 572

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



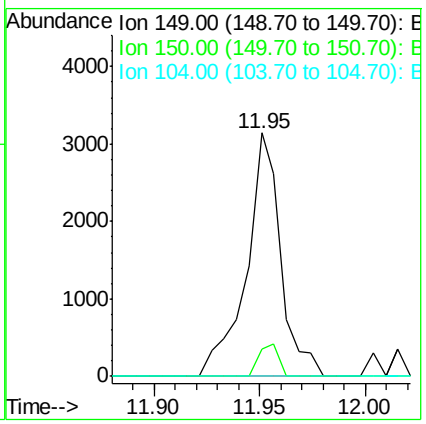


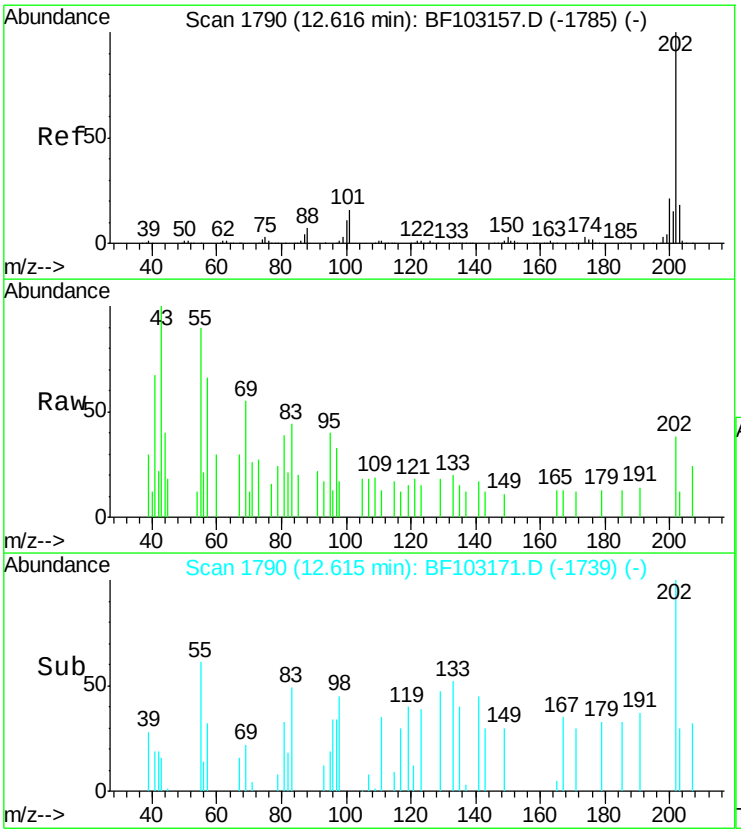
#73
Di-n-butylphthalate
Concen: 0.154 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:149 Resp: 3561

Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.8	11.6
104	0.0	3.8	5.8#

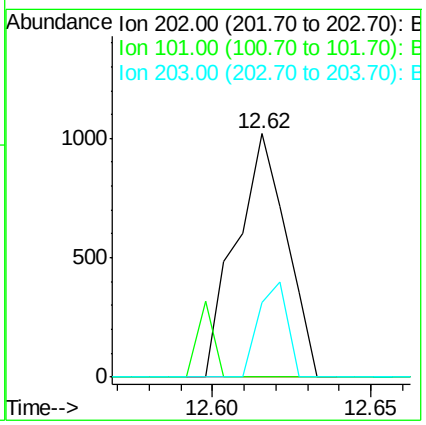


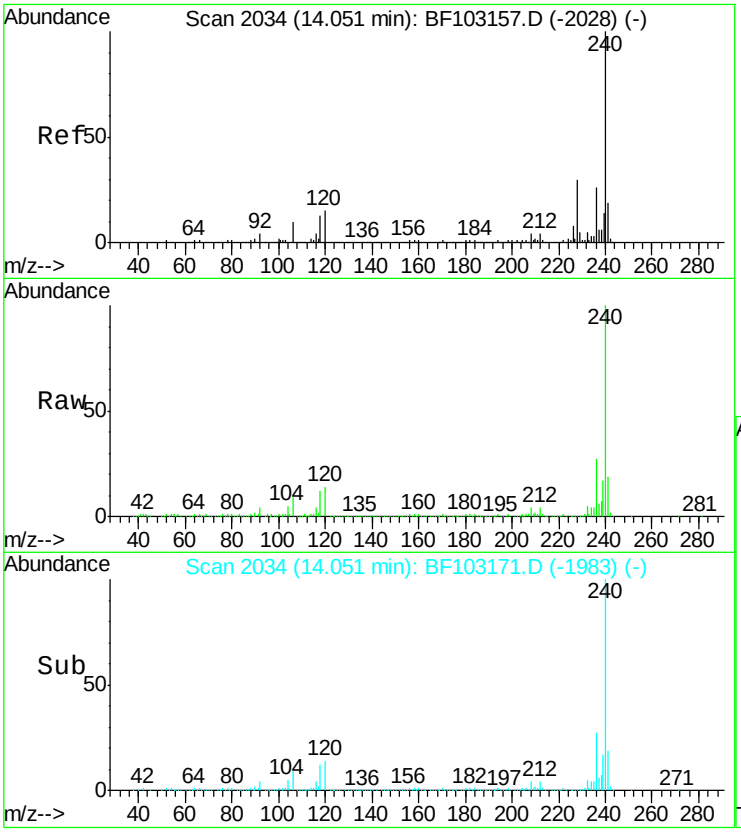


#74
Fluoranthene
Concen: 0.062 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:202 Resp: 1121

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	30.4	0.0	38.1



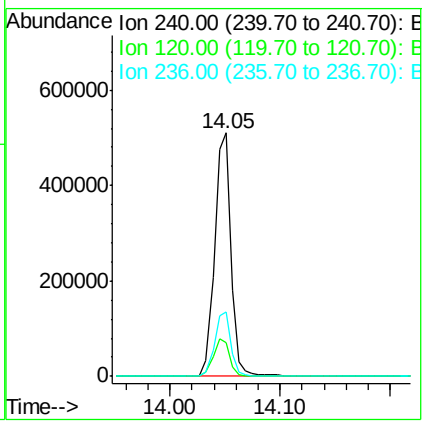


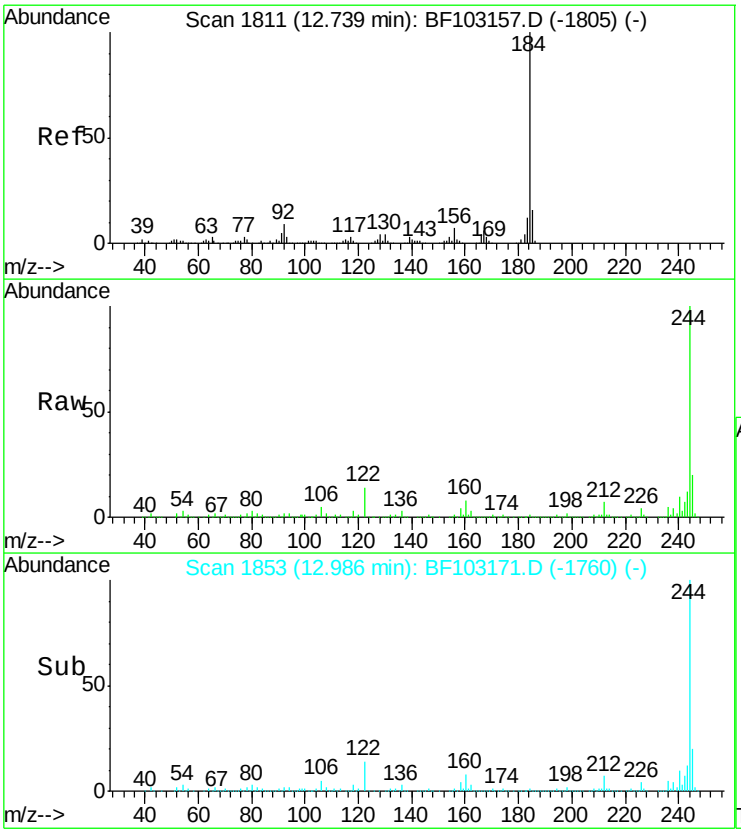
#75
Chrysene-d12
Concen: 40.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:240 Resp: 521808

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.6	20.7	31.1

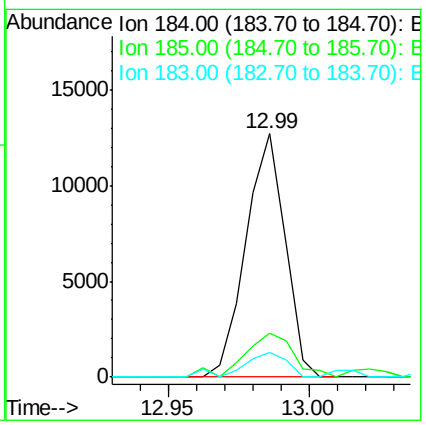


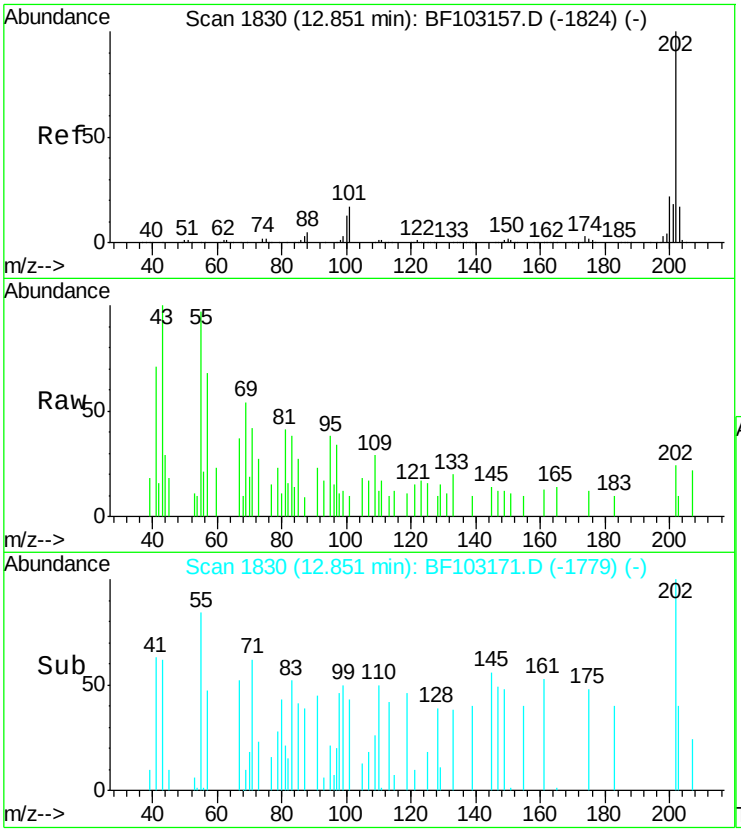


#76
Benzidine
Concen: 1.254 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.25 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:184 Resp: 12236

Ion	Ratio	Lower	Upper
184	100		
185	18.1	12.6	18.8
183	10.3	9.3	13.9



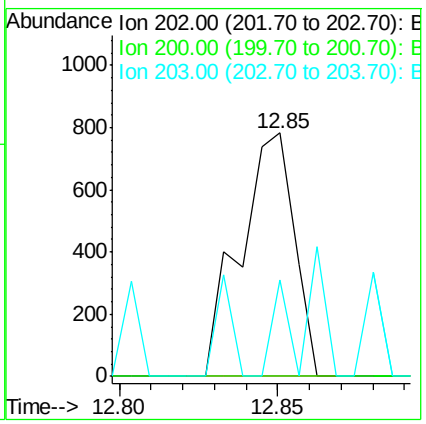


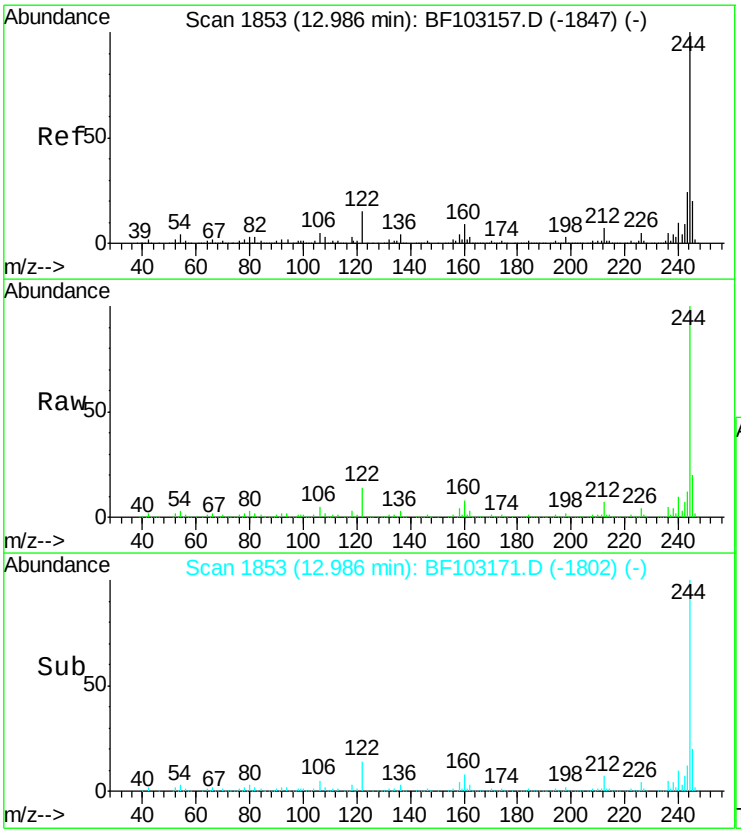
#77
Pyrene
Concen: 0.046 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:202 Resp: 929

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	39.7	14.3	21.5#

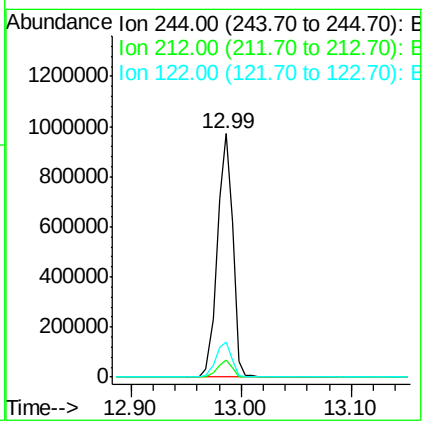


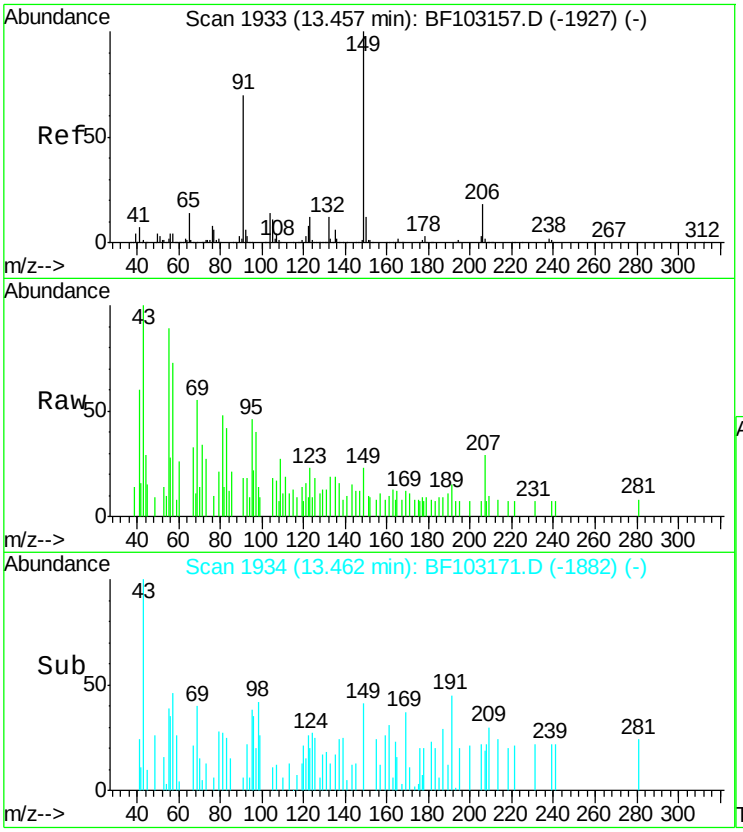


#78
Terphenyl-d14
Concen: 86.843 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:244 Resp: 942549

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	11.0	16.4



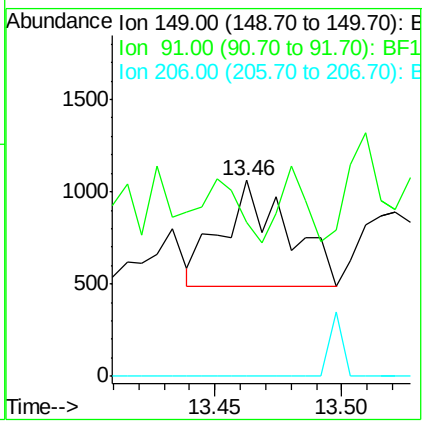


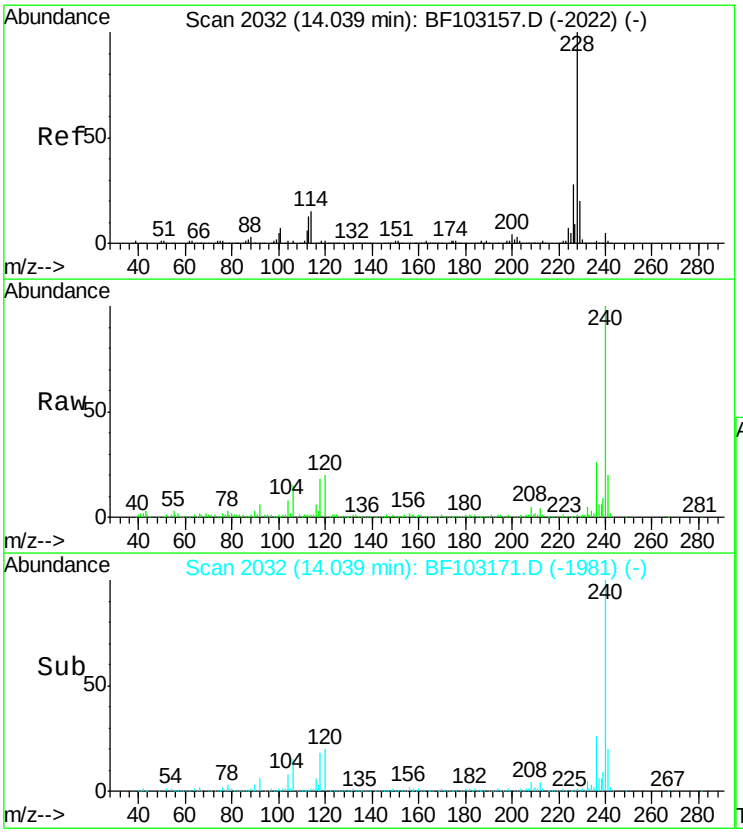
#79
Butylbenzylphthalate
Concen: 0.095 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:149 Resp: 1018

Ion	Ratio	Lower	Upper
149	100		
91	78.4	56.8	85.2
206	0.0	14.1	21.1#

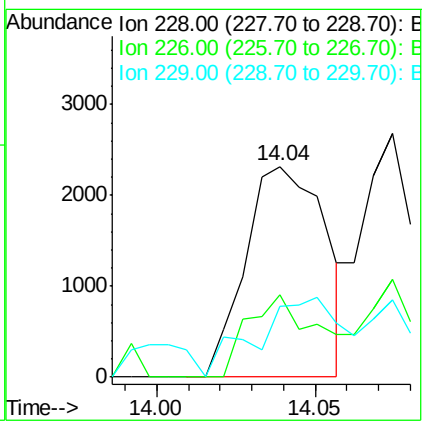


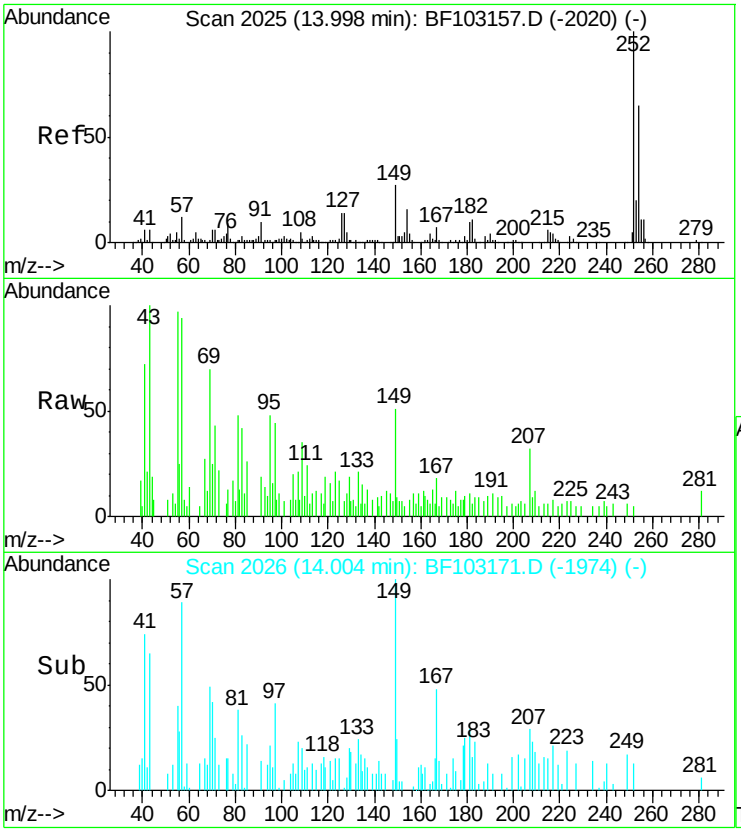


#80
Benzo(a)anthracene
Concen: 0.239 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:228 Resp: 4052

Ion	Ratio	Lower	Upper
228	100		
226	39.3	22.6	33.8#
229	33.9	15.8	23.6#



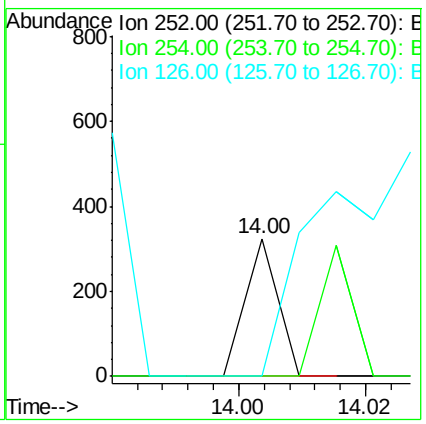


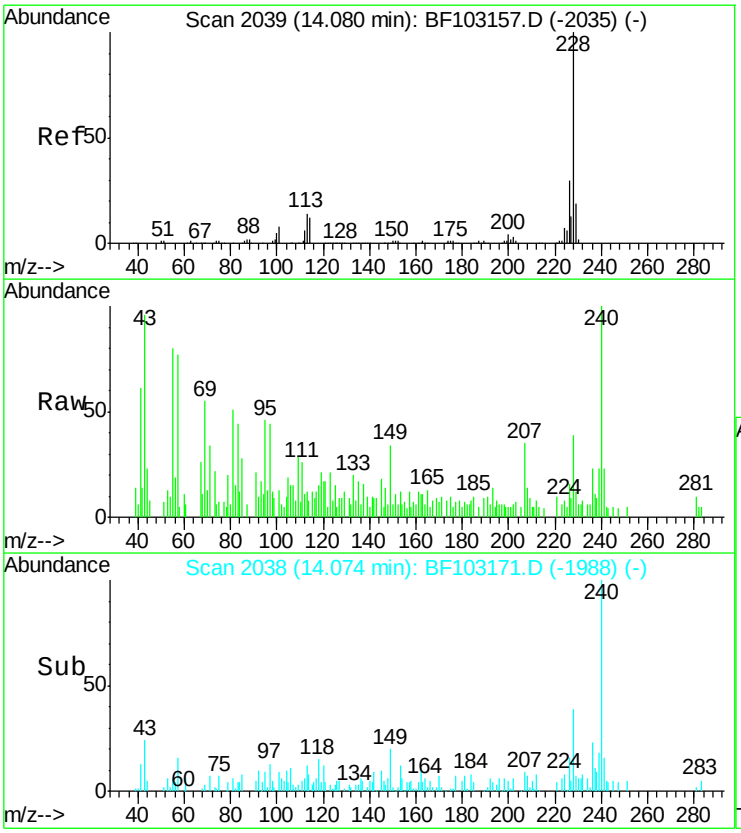
#81
3,3'-Dichlorobenzidine
Concen: 0.019 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:252 Resp: 114

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

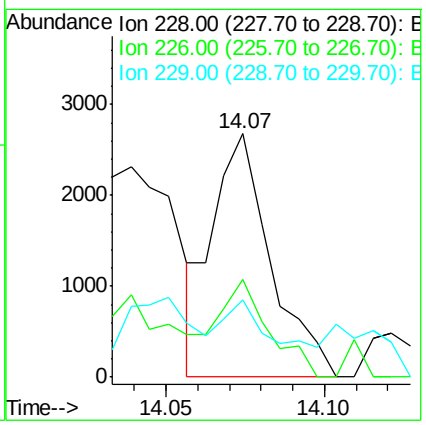


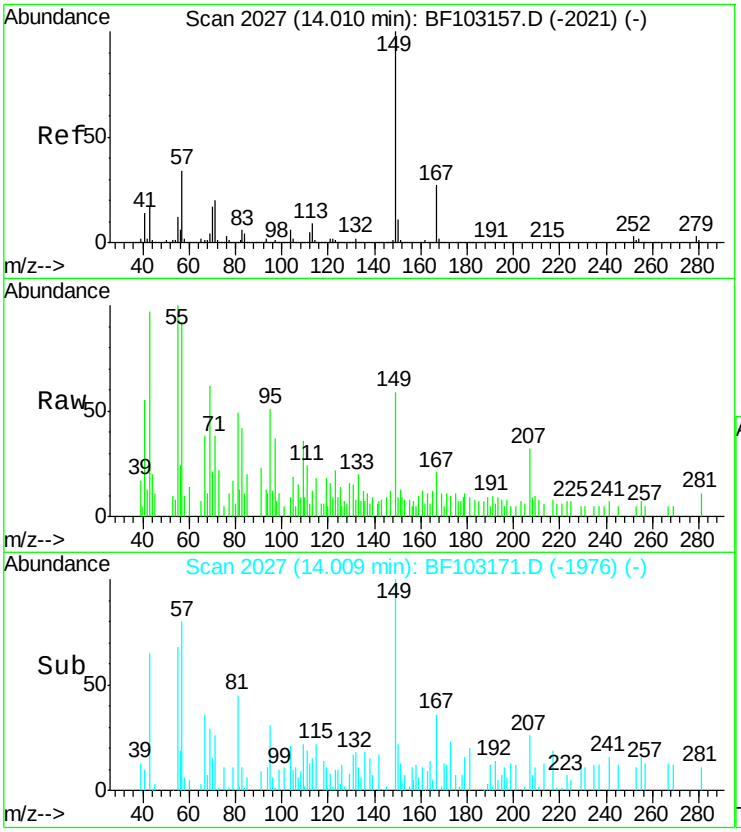


#82
Chrysene
Concen: 0.207 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:228 Resp: 3407

Ion	Ratio	Lower	Upper
228	100		
226	40.4	25.0	37.6#
229	31.8	16.2	24.4#



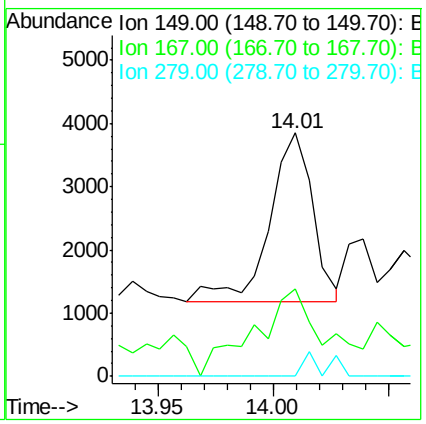


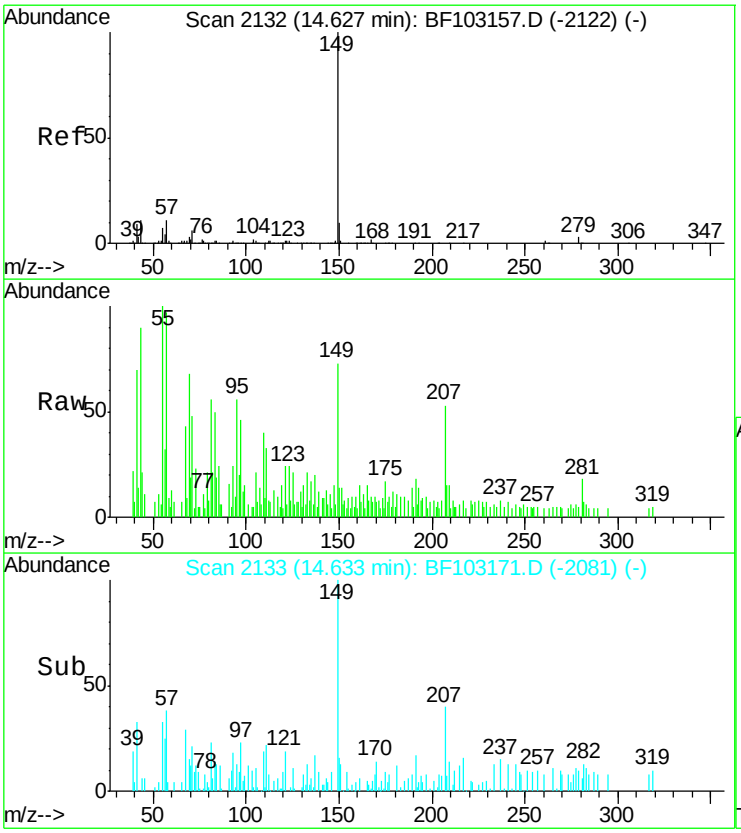
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:149 Resp: 3491

Ion	Ratio	Lower	Upper
149	100		
167	36.2	21.3	31.9#
279	0.0	3.0	4.4#

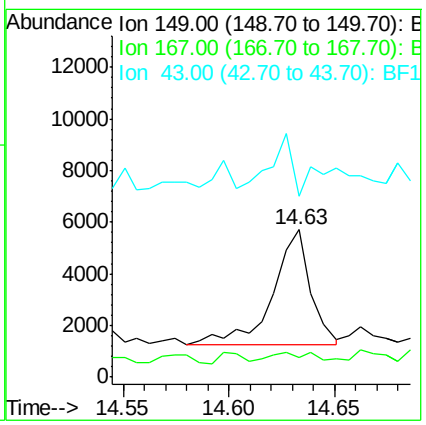


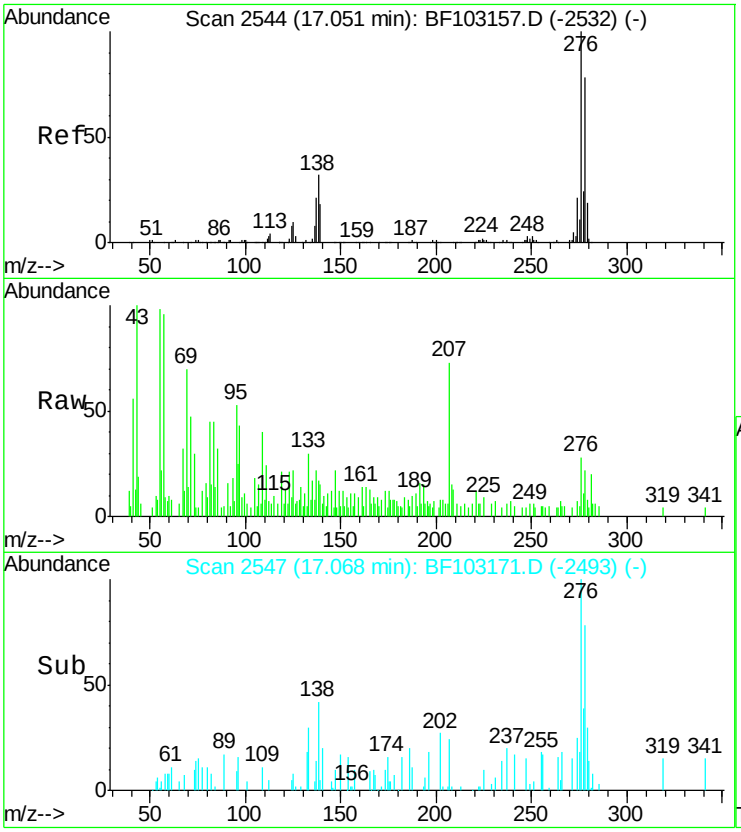


#84
Di-n-octyl phthalate
Concen: 0.236 ng
RT: 14.63 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:149 Resp: 5541

Ion	Ratio	Lower	Upper
149	100		
167	7.6	1.2	1.8#
43	20.0	8.4	12.6#



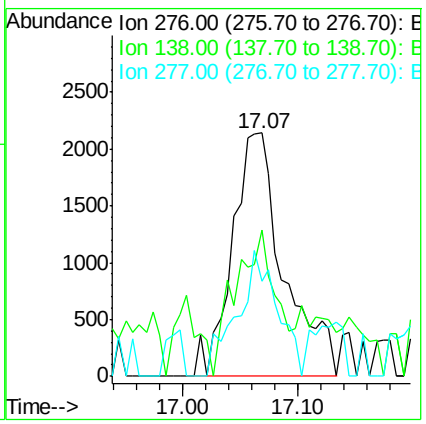


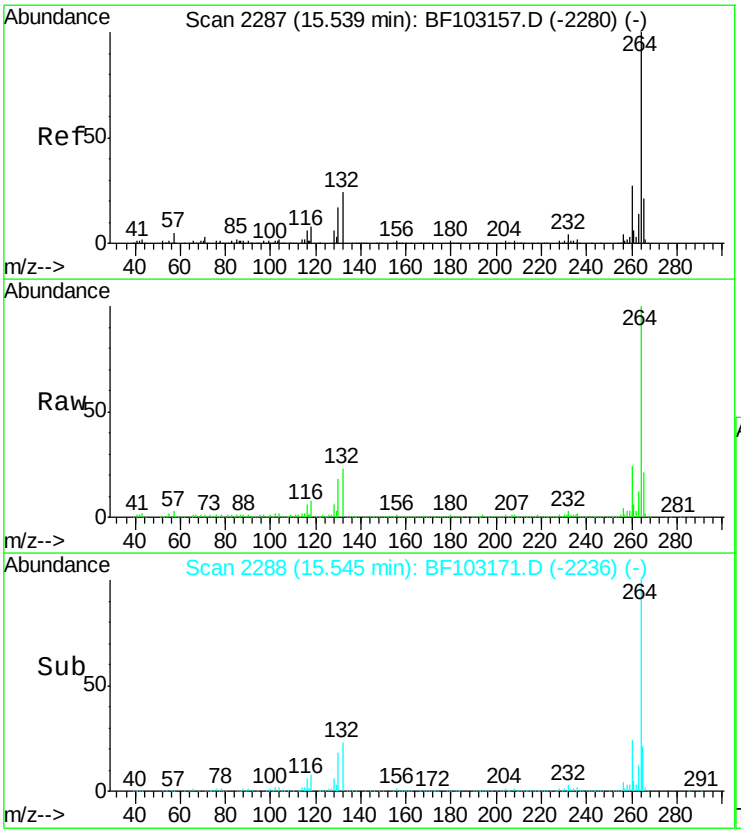
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.02 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:276 Resp: 6647

Ion	Ratio	Lower	Upper
276	100		
138	49.2	25.0	37.6#
277	40.5	20.1	30.1#

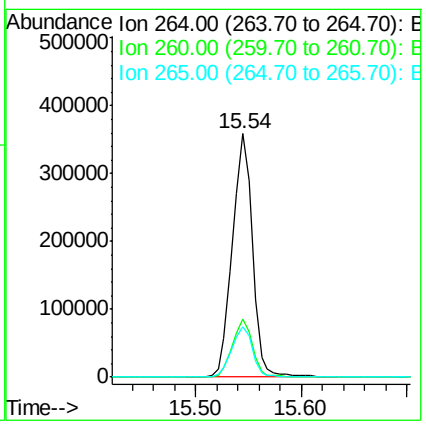


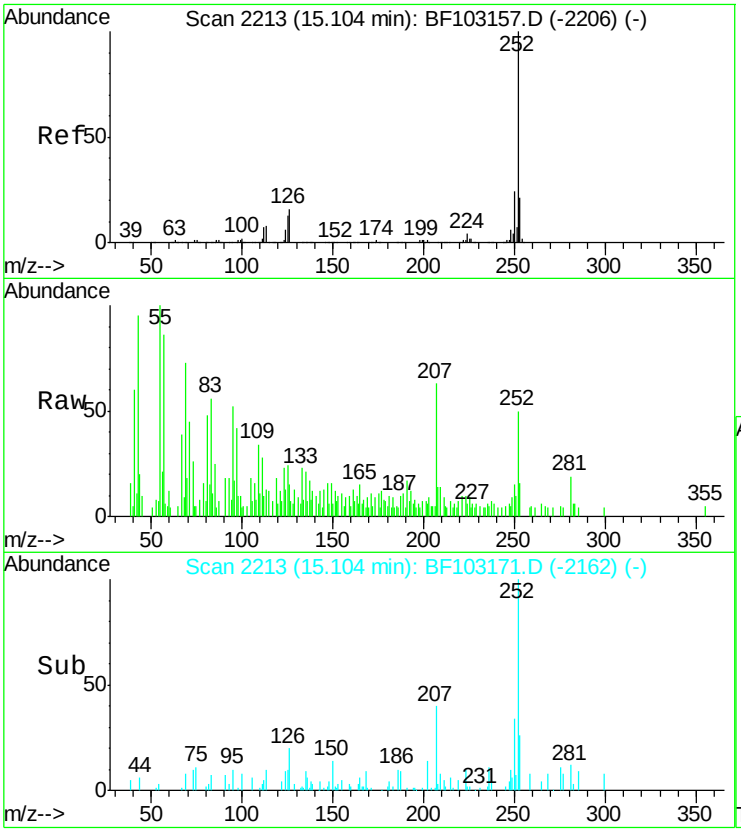


#86
Perylene-d12
Concen: 40.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:264 Resp: 470373

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3



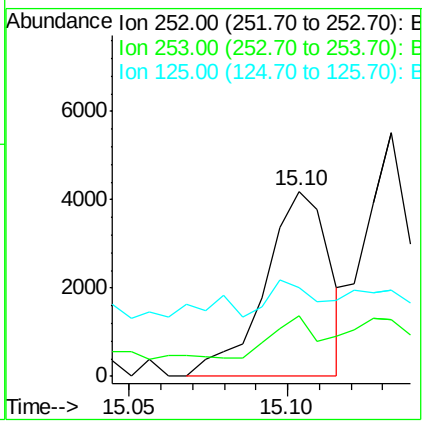


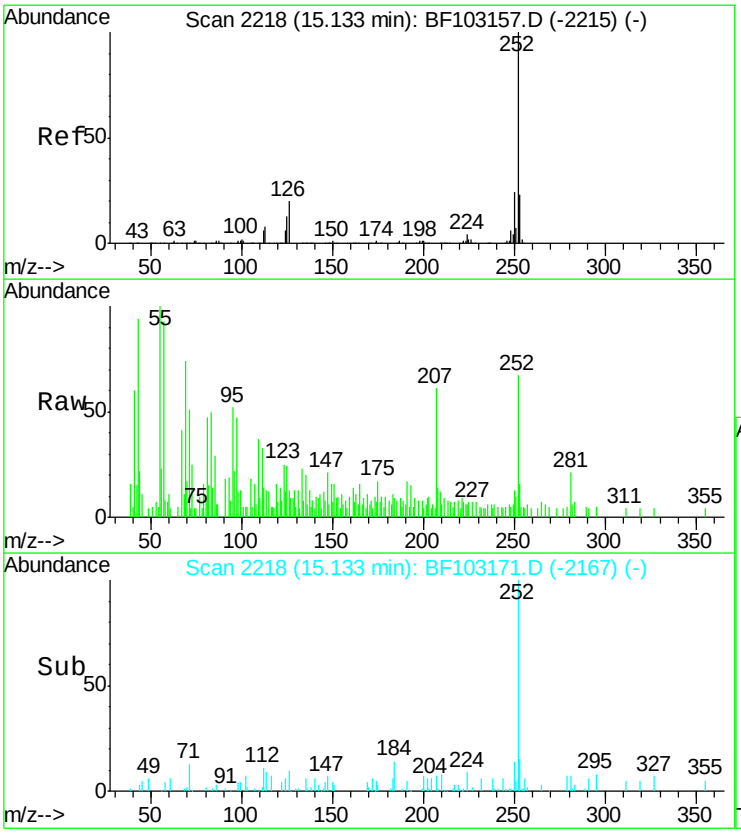
#87
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:252 Resp: 5931

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.0	25.6#
125	48.3	9.0	13.6#

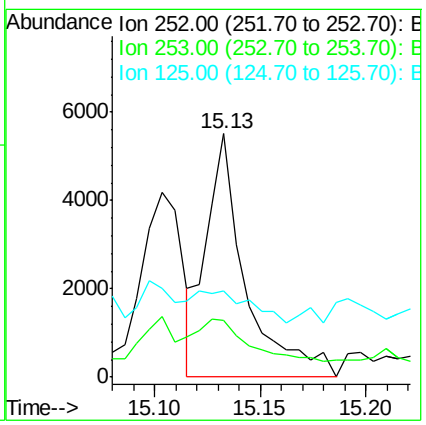


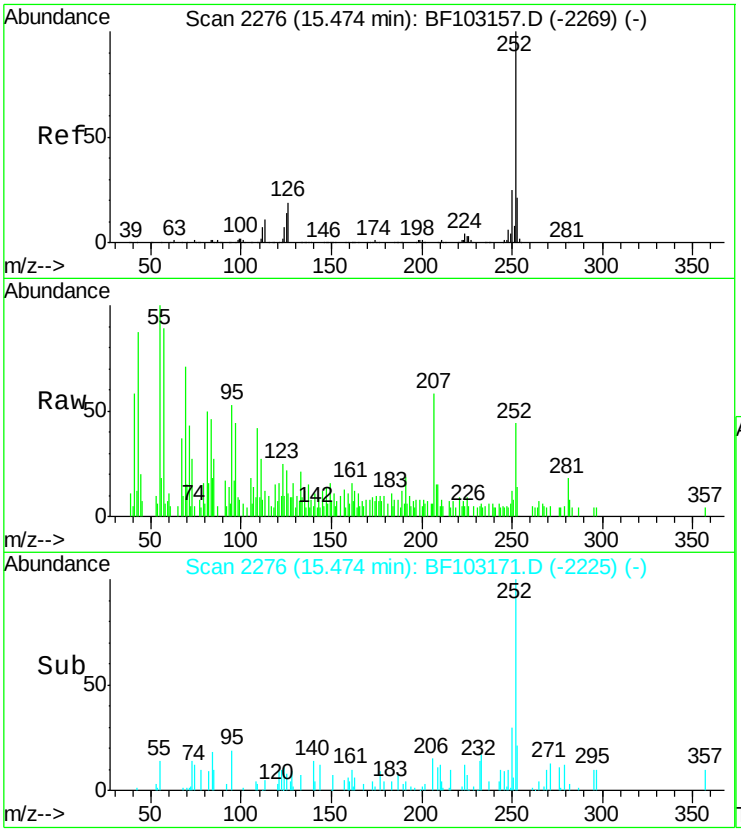


#88
Benzo(k)fluoranthene
Concen: 0.487 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:252 Resp: 7098

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	35.5	10.2	15.2#



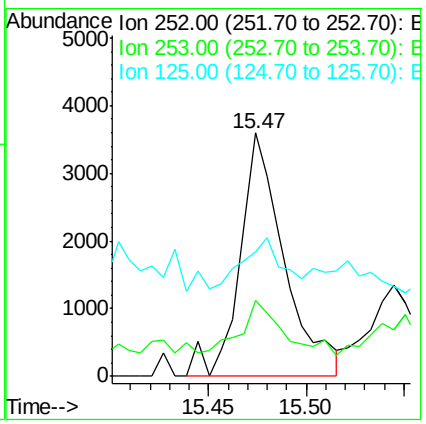


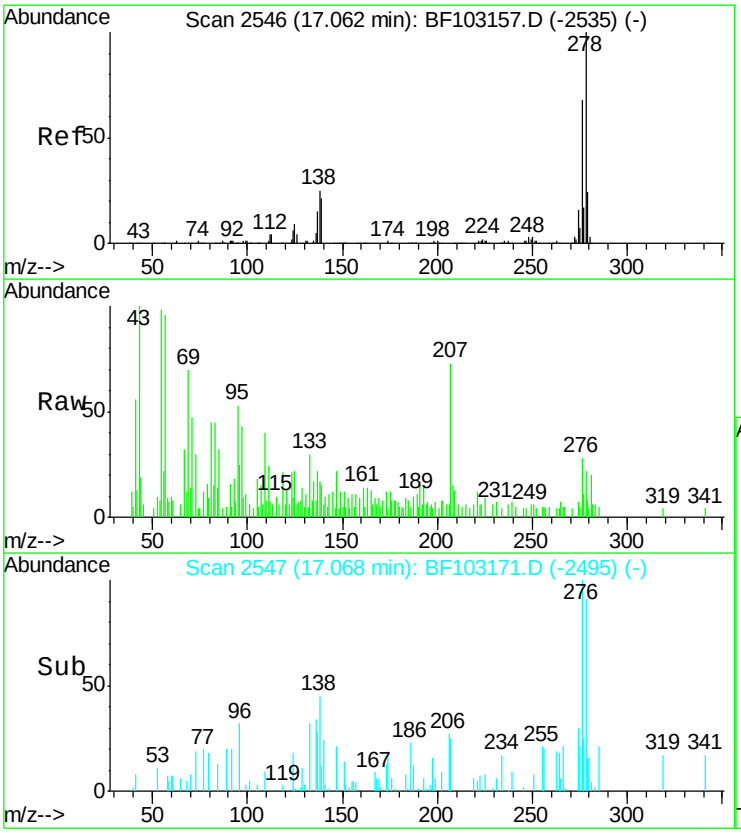
#89
Benzo(a)pyrene
Concen: 0.412 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:252 Resp: 5691

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.1	25.7#
125	51.1	9.8	14.6#

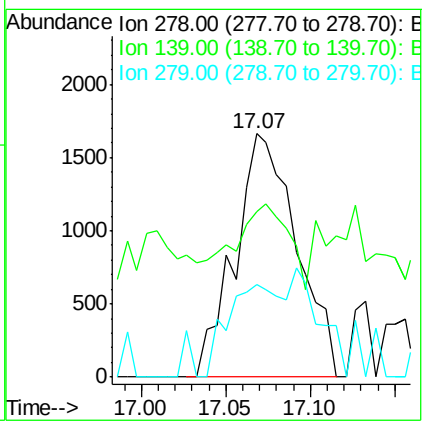


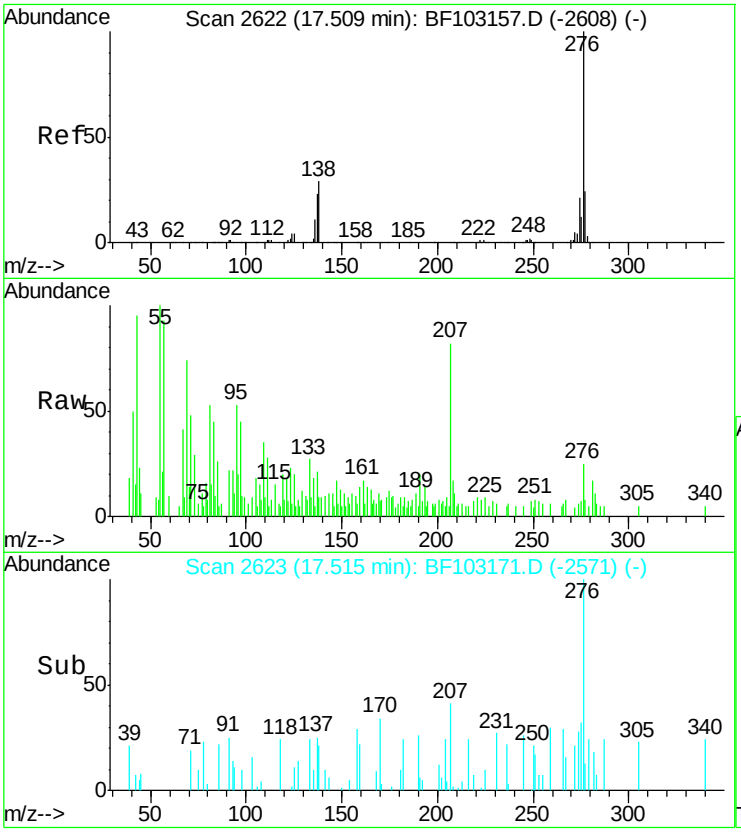


#90
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Tgt Ion:278 Resp: 4221

Ion	Ratio	Lower	Upper
278	100		
139	67.8	15.9	23.9#
279	38.3	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.509 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF103171.D
Acq: 22 Feb 2018 19:15

Instrument :
BNA_F
ClientSampleId :
HD-01-022118

Tgt Ion:276 Resp: 5312

Ion	Ratio	Lower	Upper
276	100		
277	32.5	17.9	26.9#
138	36.3	21.8	32.8#