Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107532.D
Acq On : 20 Jul 2018 19:12
Operator : JU/SJ
Sample : PB111265BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111265BL

Quant Time: Jul 20 22:45:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	312530	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1218580	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	559892	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1163966	20.00	ng	0.00
75) Chrysene-d12	14.15	240	952450	20.00	ng	-0.01
86) Perylene-d12	15.69	264	778683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2105250	108.30	ng	0.00
7) Phenol-d6	6.61	99	2573726	110.27	ng	0.00
23) Nitrobenzene-d5	7.54	82	1568486	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	787474	123.68	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2769407	84.60	ng	0.00
78) Terphenyl-d14	13.10	244	3077295	82.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	219	0.024	ng	# 1
3) Pyridine	3.61	79	226	0.009	ng	# 1
4) n-Nitrosodimethylamine	3.61	42	537	0.052	ng	# 1
6) Aniline	6.65	93	151	0.005	ng	# 1
8) 2-Chlorophenol	6.76	128	645	0.031	ng	# 1
9) Benzaldehyde	6.75	77	49093	1.316	ng	81
10) Phenol	6.61	94	386	0.014	ng	# 1
11) bis(2-Chloroethyl)ether	6.75	93	2746	0.121	ng	# 1
12) 1,3-Dichlorobenzene	7.13	146	480	0.020	ng	# 1
13) 1,4-Dichlorobenzene	7.13	146	480	0.020	ng	# 1
14) 1,2-Dichlorobenzene	7.13	146	480	0.022	ng	# 1
15) Benzyl Alcohol	7.12	79	27136	1.706	ng	# 45
17) 2-Methylphenol	7.13	107	107	0.006	ng	# 1
18) Hexachloroethane	7.42	117	133	0.016	ng	# 2
19) n-Nitroso-di-n-propylamine	7.54	70	212449	14.090	ng	# 79
20) 3+4-Methylphenols	7.40	107	111	0.005	ng	# 1
22) Acetophenone	7.38	105	116	0.004	ng	# 54
24) Nitrobenzene	7.53	77	4707	0.228	ng	# 28
25) Isophorone	7.54	82	1568477	40.683	ng	# 64
28) bis(2-Chloroethoxy)methane	8.26	93	156	0.006	ng	# 14
32) Benzoic acid	8.25	122	107	7.907	ng	# 1
45) 1,1'-Biphenyl	9.43	154	6025	0.124	ng	89
47) 2-Nitroaniline	9.33	65	4970	0.457	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	71426	8.526	ng	# 25
51) Acenaphthene	10.02	154	2582	0.074	ng	# 4
54) Dibenzofuran	10.23	168	121	0.002	ng	# 45
56) 2,4-Dinitrotoluene	10.01	165	71426	7.063	ng	# 23
57) Fluorene	10.81	166	31627	0.858	ng	# 87
62) Azobenzene	10.70	77	377	0.009	ng	# 50
64) 4,6-Dinitro-2-methylphenol	10.81	198	1550	8.907	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	22000	0.557	ng	# 41
66) 4-Bromophenyl-phenylether	10.81	248	47596	3.474	ng	# 1
70) Phenanthrene	11.53	178	585	0.010	ng	# 40
71) Anthracene	11.58	178	107	0.002	ng	# 60

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107532.D
Acq On : 20 Jul 2018 19:12
Operator : JU/SJ
Sample : PB111265BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111265BL

Quant Time: Jul 20 22:45:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.75	167	106	0.002	ng	#	59
73) Di-n-butylphthalate	12.05	149	3607	Below Cal		#	78
74) Fluoranthene	12.73	202	131	0.002	ng		62
76) Benzidine	12.85	184	2002	0.073	ng	#	66
77) Pyrene	13.10	202	11618	0.178	ng	#	75
80) Benzo(a)anthracene	14.15	228	2803	0.050	ng	#	55
82) Chrysene	14.15	228	2803	0.052	ng	#	53
83) Bis(2-ethylhexyl)phthalate	14.12	149	516	0.013	ng	#	53
84) Di-n-octyl phthalate	14.74	149	1084	0.018	ng	#	40
85) Indeno(1,2,3-cd)pyrene	17.27	276	264	0.006	ng	#	65
87) Benzo(b)fluoranthene	15.22	252	405	0.010	ng	#	60
88) Benzo(k)fluoranthene	15.27	252	229	0.005	ng	#	1
89) Benzo(a)pyrene	15.62	252	179	0.005	ng	#	60
90) Dibenzo(a,h)anthracene	17.28	278	521	0.015	ng	#	22
91) Benzo(g,h,i)perylene	17.74	276	487	0.015	ng	#	50

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
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Instrument :
BNA_F
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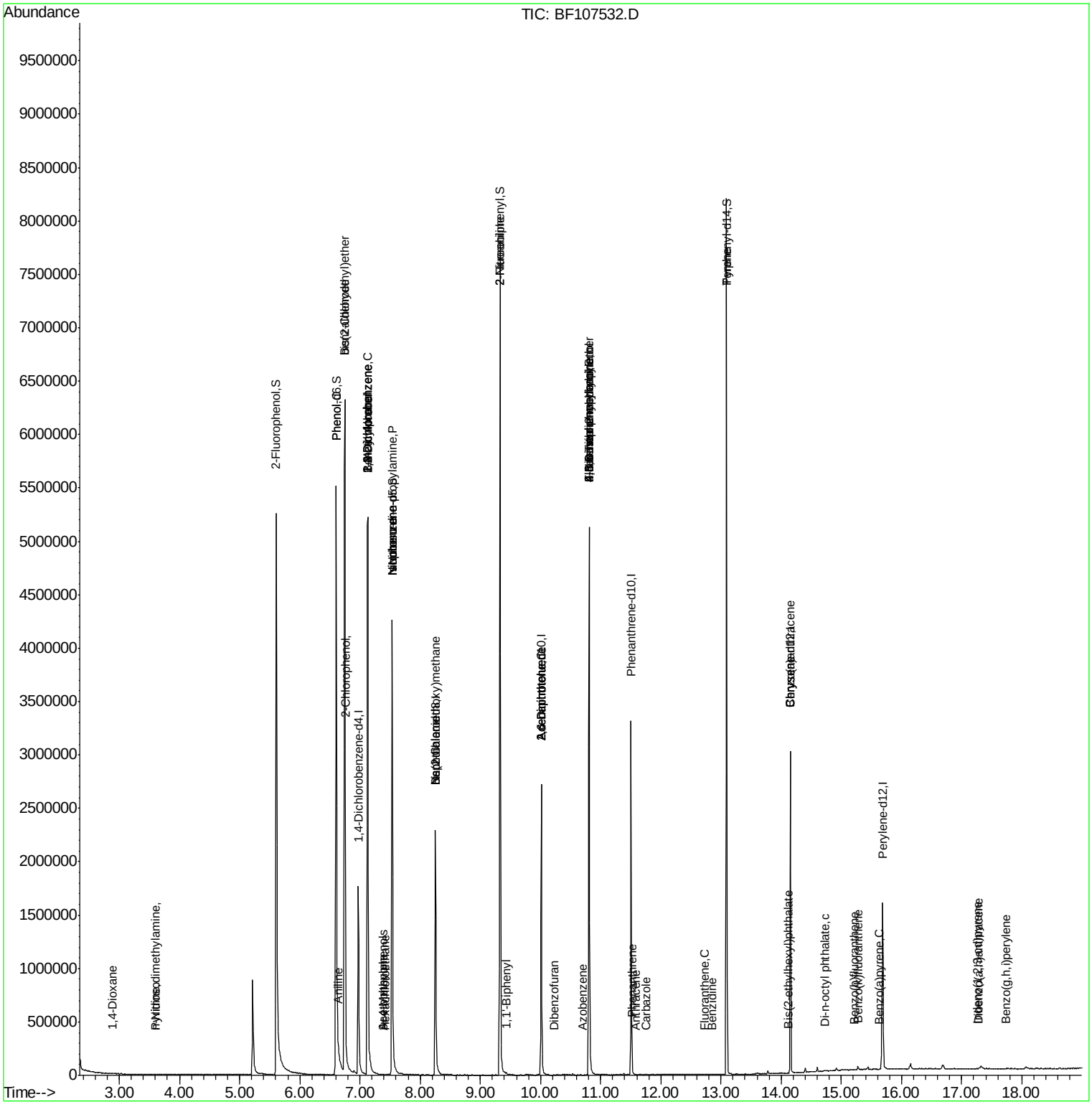
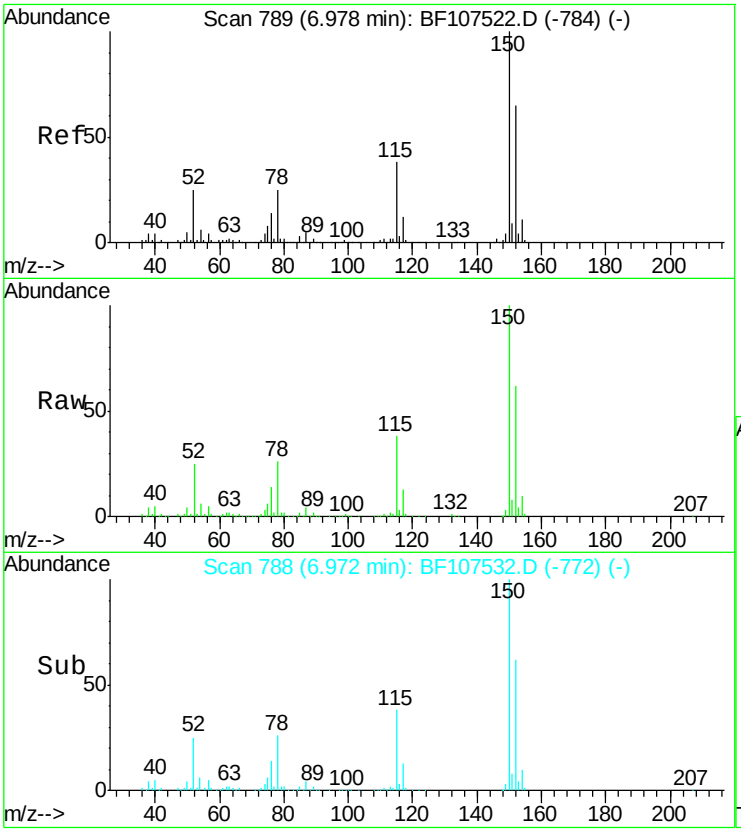
Quant Time: Jul 20 22:45:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



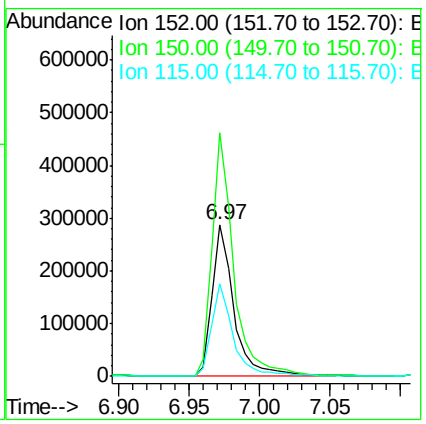


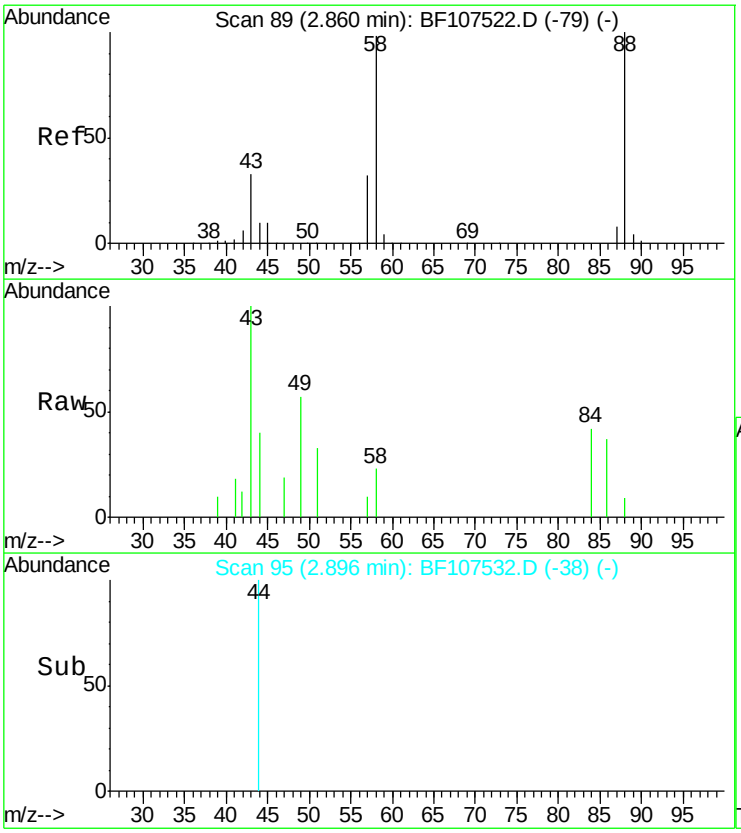
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:152 Resp: 312530

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.9	50.1	75.1

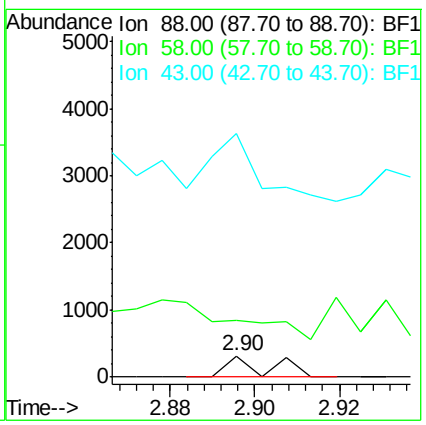


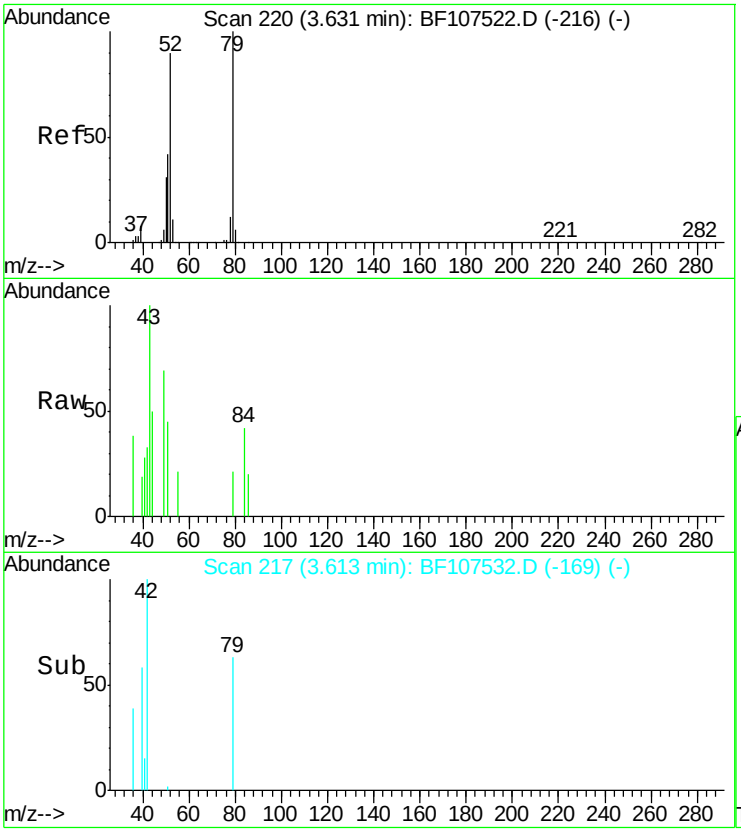


#2
1,4-Dioxane
Concen: 0.024 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 88 Resp: 219

Ion	Ratio	Lower	Upper
88	100		
58	433.8	62.6	93.8#
43	360.7	24.6	37.0#



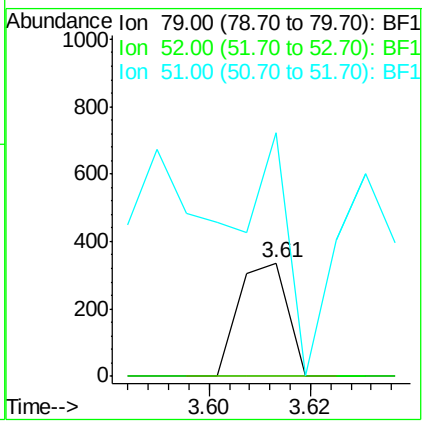


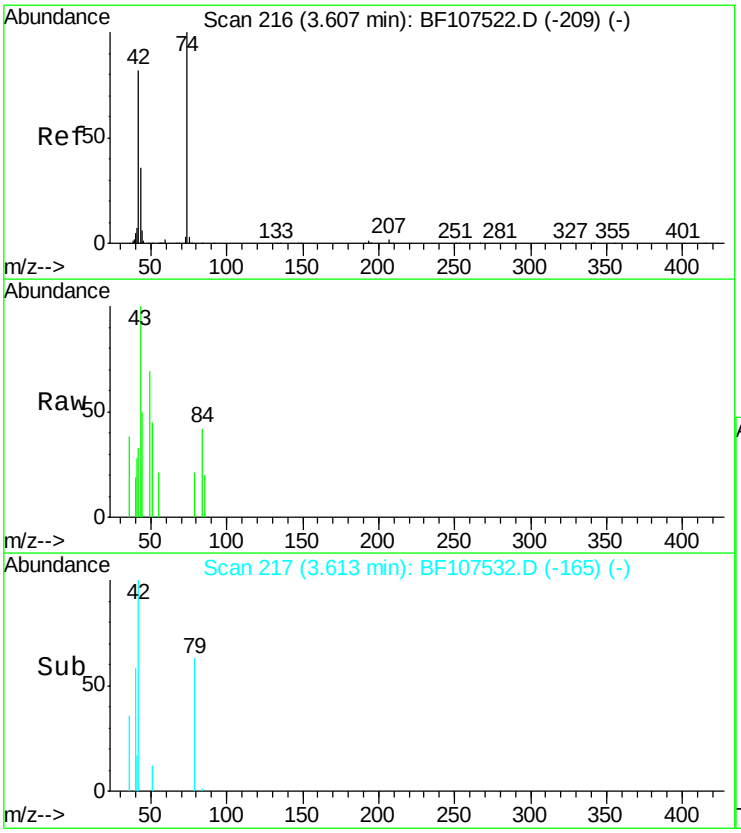
#3
Pyridine
Concen: 0.009 ng
RT: 3.61 min Scan# 217
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 79 Resp: 226

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	214.9	29.8	44.8#

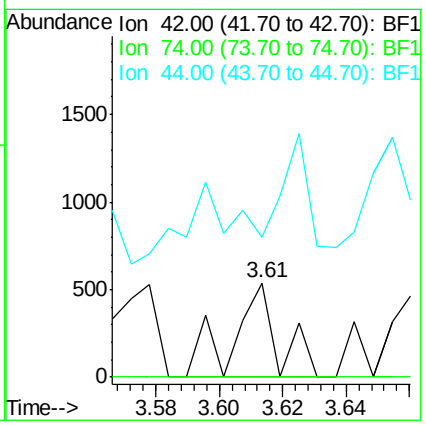


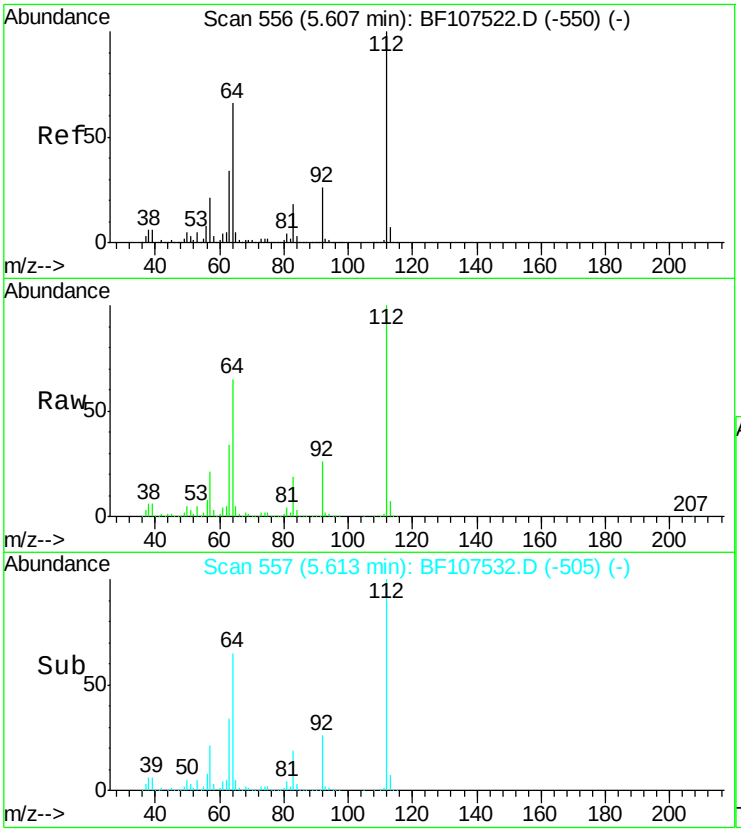


#4
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.61 min Scan# 217
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 42 Resp: 537

Ion	Ratio	Lower	Upper
42	100		
74	0.0	104.9	157.3#
44	149.3	6.9	10.3#



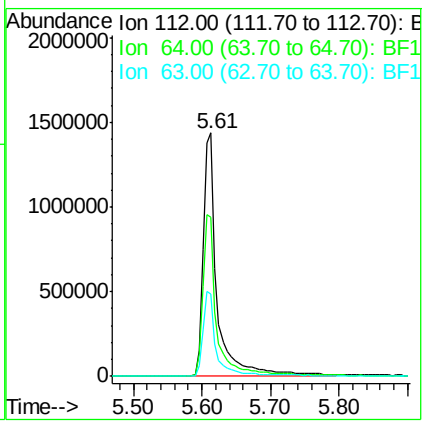


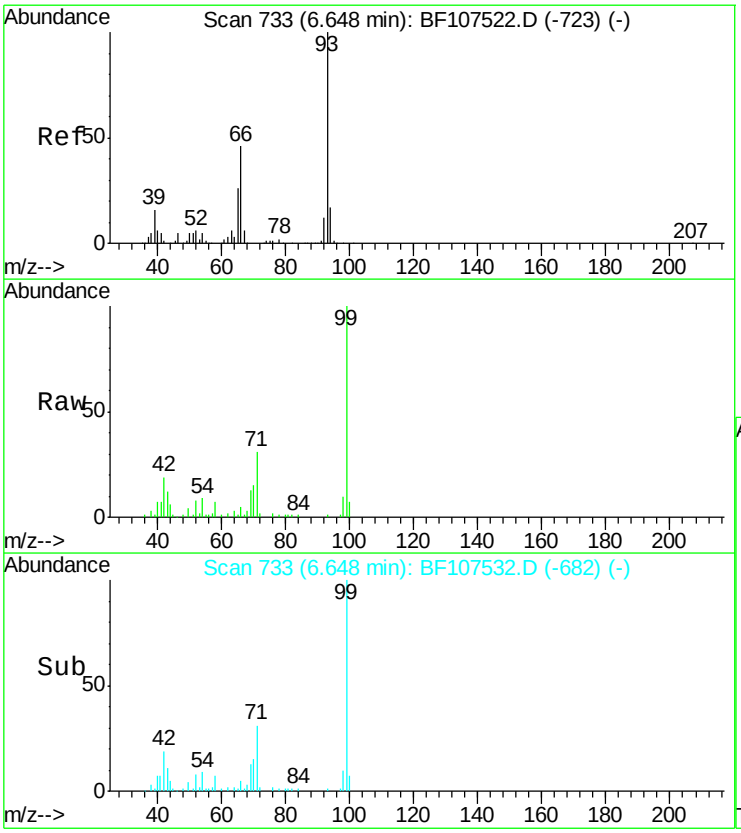
#5
2-Fluorophenol
Concen: 108.304 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:112 Resp: 2105250

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.6	23.7	35.5

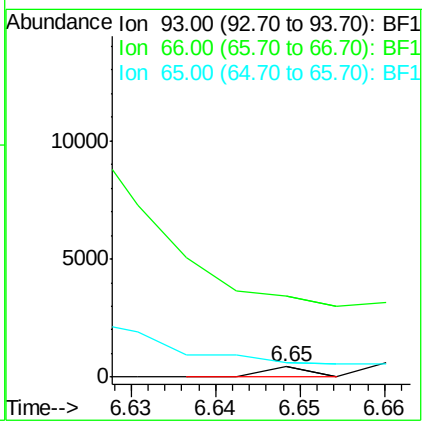


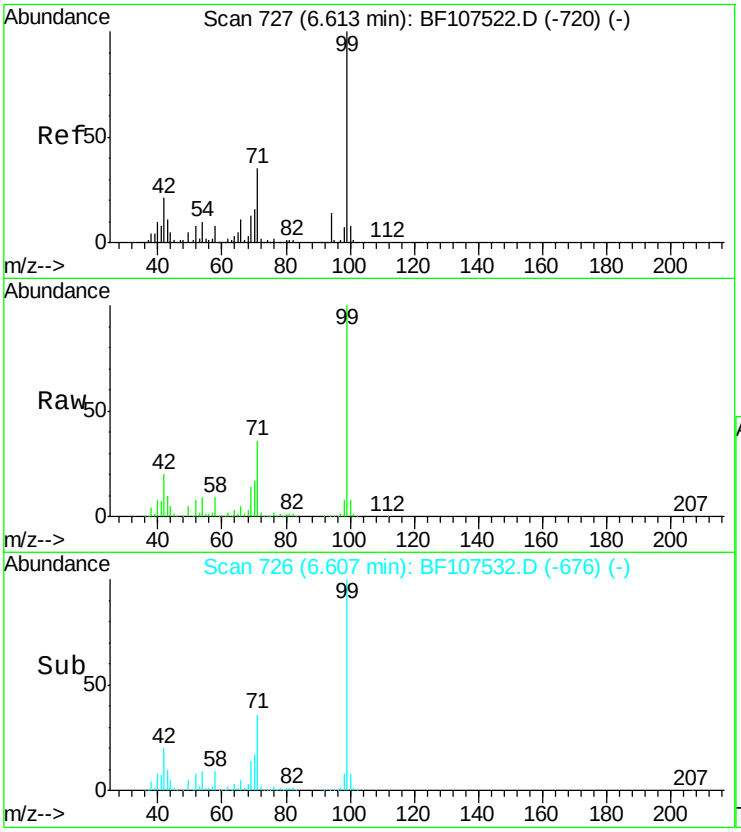


#6
Aniline
Concen: 0.005 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 93 Resp: 151

Ion	Ratio	Lower	Upper
93	100		
66	806.3	32.2	48.2#
65	142.9	16.4	24.6#



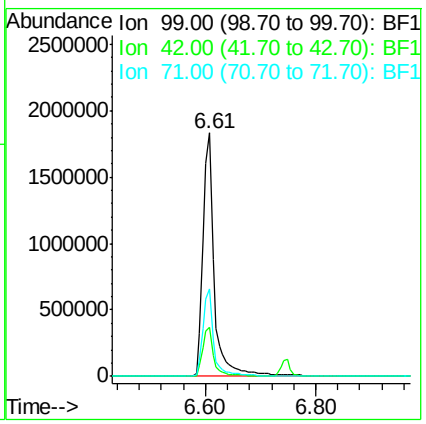


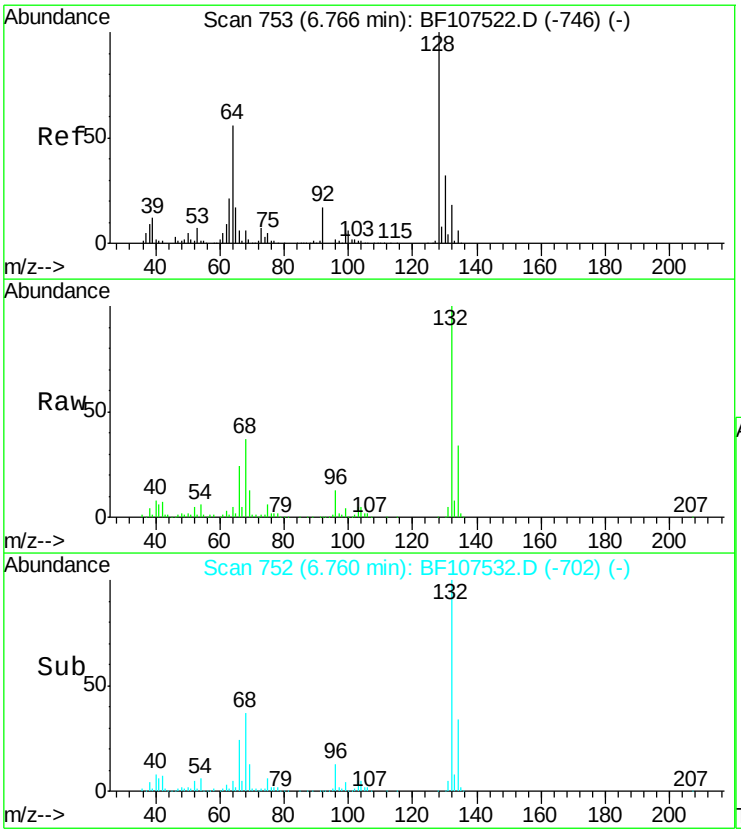
#7
Phenol-d6
Concen: 110.270 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 99 Resp: 2573726

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	35.7	25.4	38.0

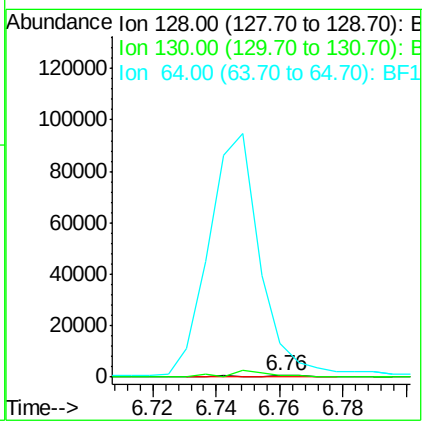


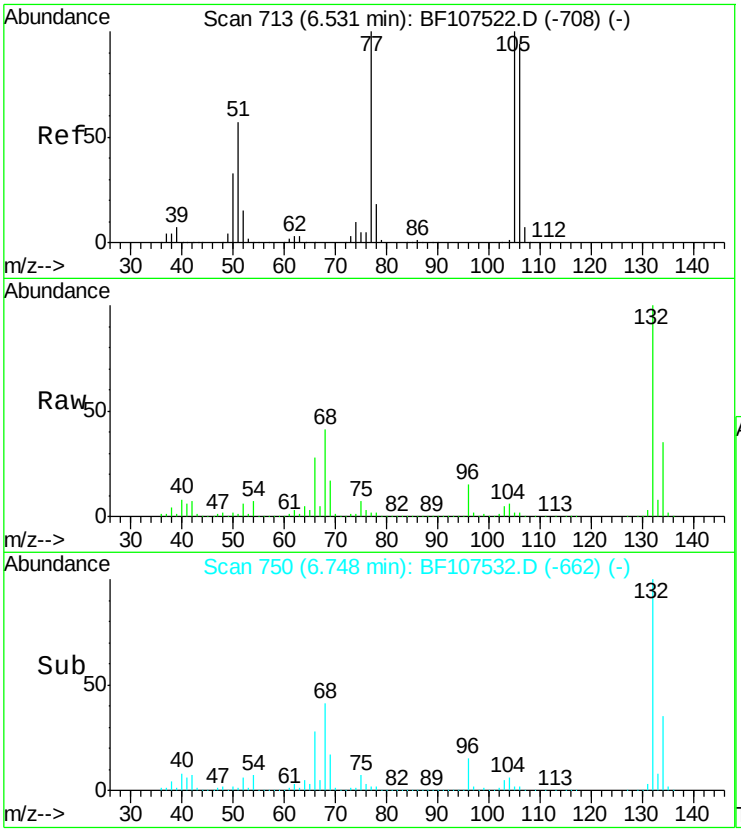


#8
2-Chlorophenol
Concen: 0.031 ng
RT: 6.76 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:128 Resp: 645

Ion	Ratio	Lower	Upper
128	100		
130	164.1	13.0	53.0#
64	2483.2	29.4	69.4#



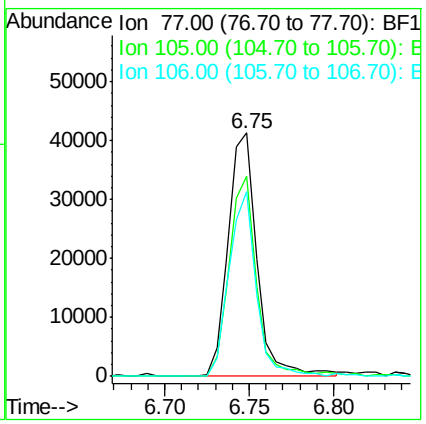


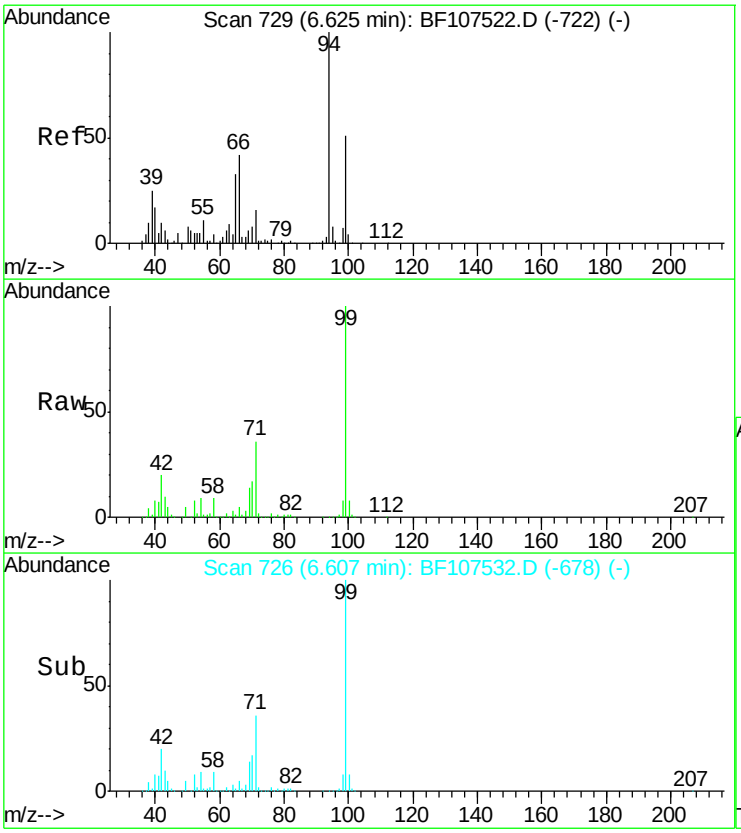
#9
Benzaldehyde
Concen: 1.316 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.22 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 77 Resp: 49093

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	76.0	74.5	114.5

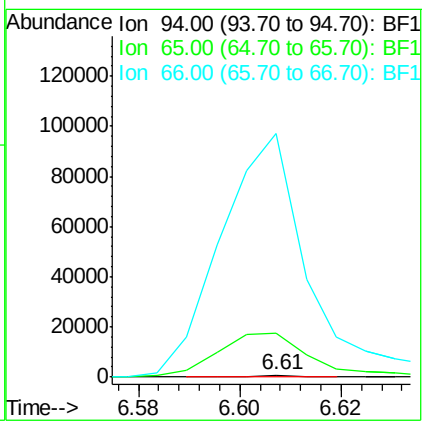


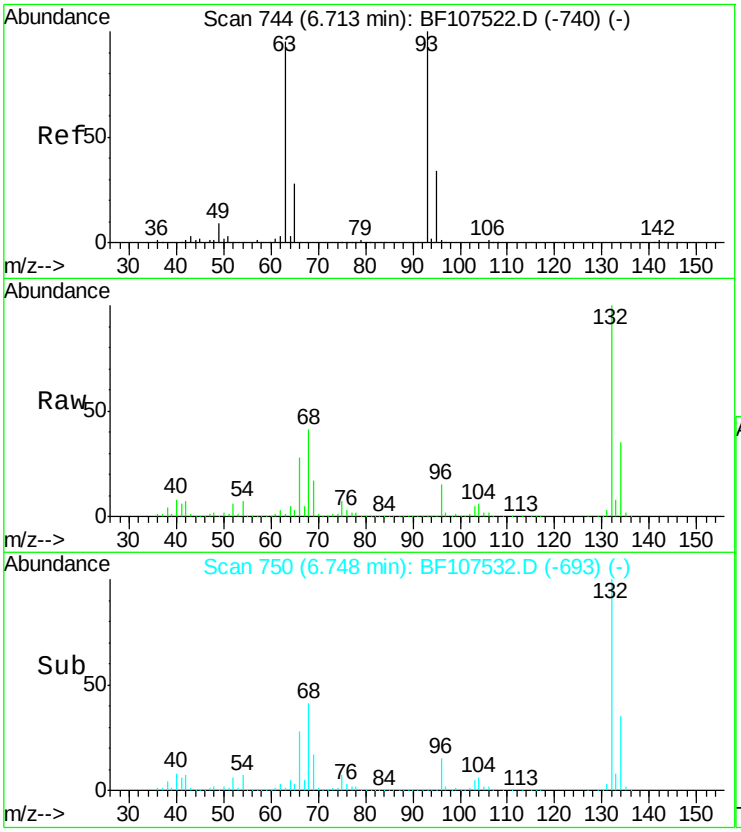


#10
Phenol
Concen: 0.014 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 94 Resp: 386

Ion	Ratio	Lower	Upper
94	100		
65	2460.6	7.9	47.9#
66	13620.2	16.2	56.2#



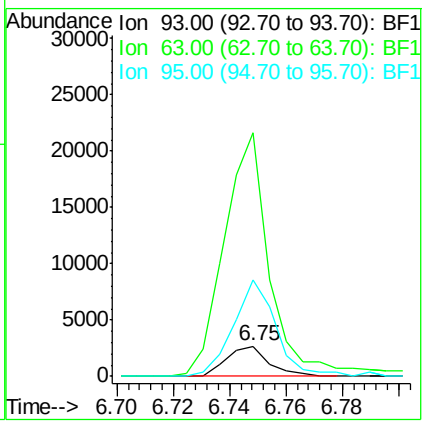


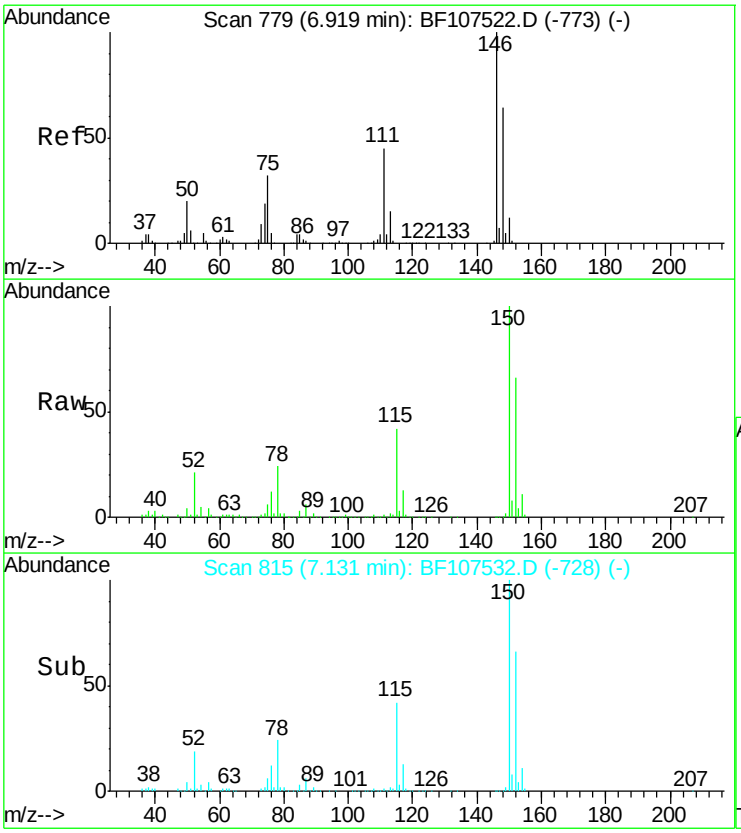
#11
bis(2-Chloroethyl)ether
Concen: 0.121 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 93 Resp: 2746

Ion	Ratio	Lower	Upper
93	100		
63	814.2	58.6	98.6#
95	321.9	11.8	51.8#

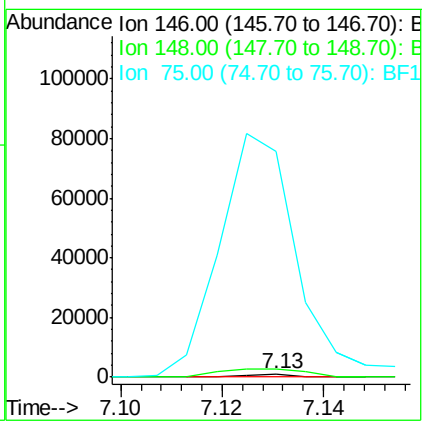


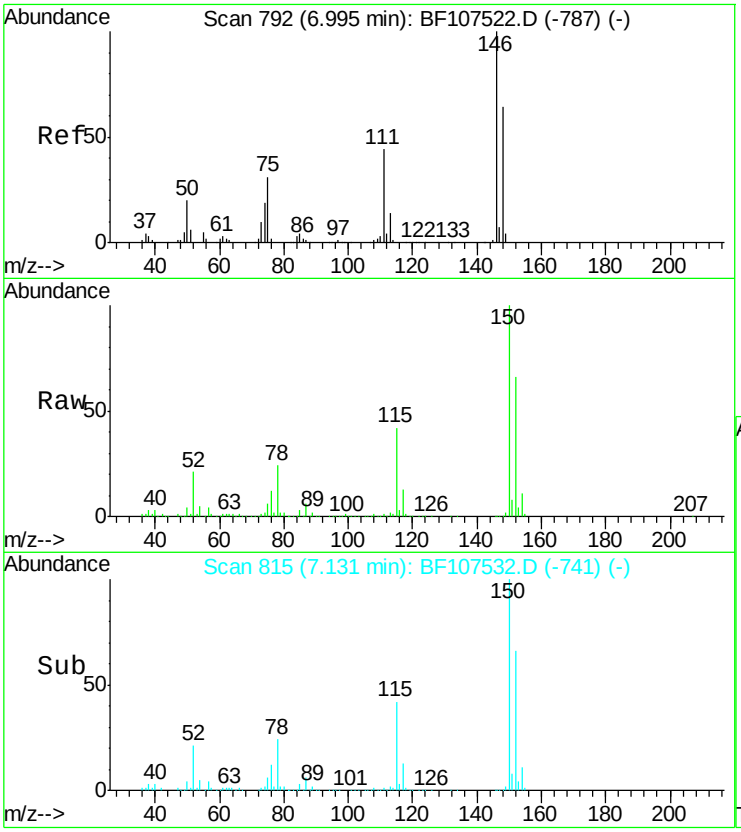


#12
1,3-Dichlorobenzene
Concen: 0.020 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.21 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:146 Resp: 480

Ion	Ratio	Lower	Upper
146	100		
148	157.0	51.8	77.8#
75	4359.4	24.2	36.4#



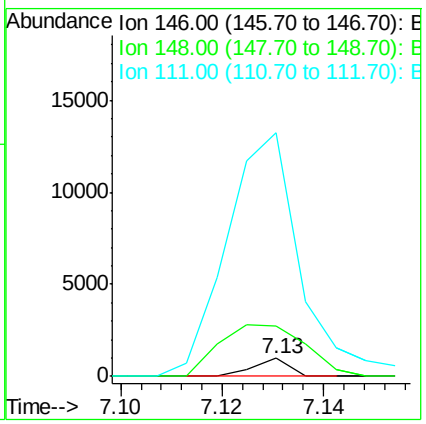


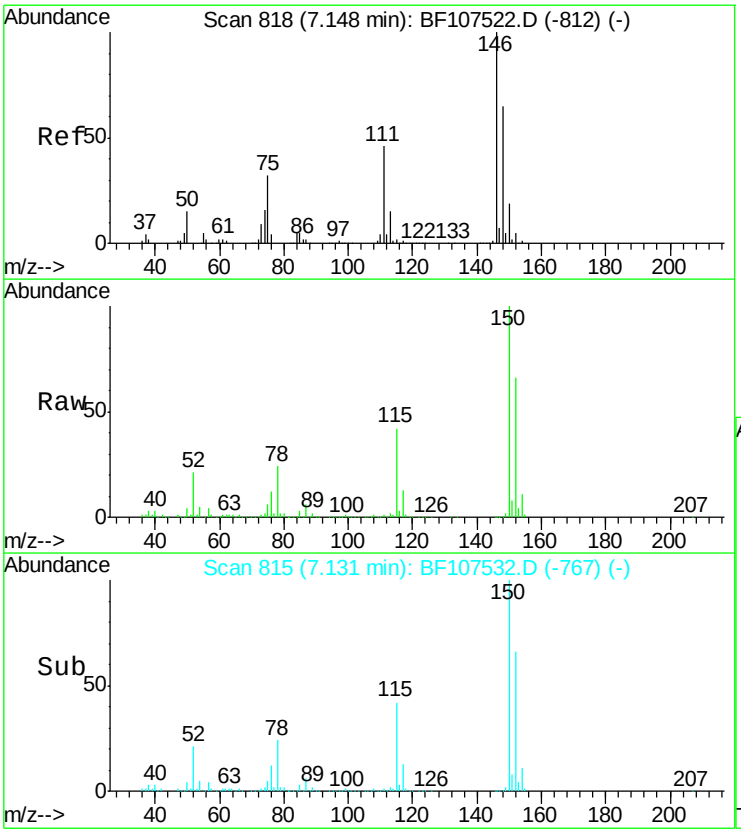
#13
1,4-Dichlorobenzene
Concen: 0.020 ng
RT: 7.13 min Scan# 815
Delta R.T. 0.14 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:146 Resp: 480

Ion	Ratio	Lower	Upper
146	100		
148	157.0	50.8	76.2#
111	761.9	34.2	51.2#

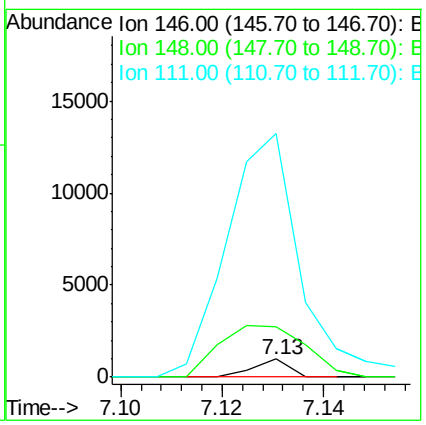


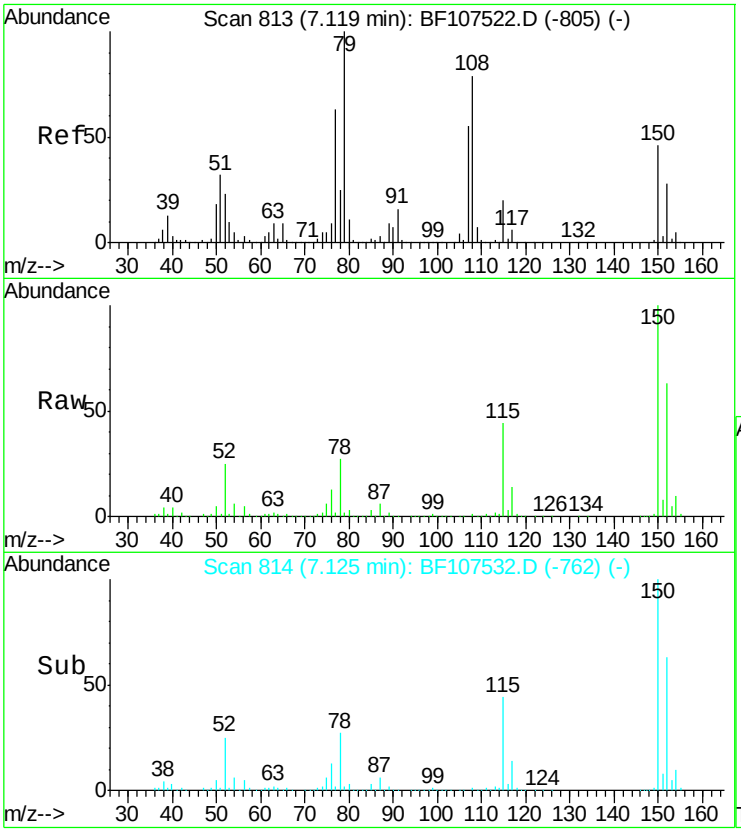


#14
1,2-Dichlorobenzene
Concen: 0.022 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:146 Resp: 480

Ion	Ratio	Lower	Upper
146	100		
148	157.0	50.6	75.8#
111	761.9	36.0	54.0#



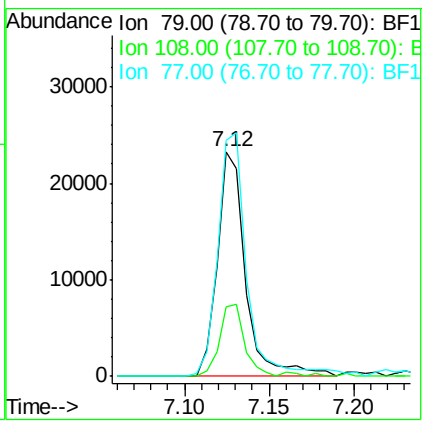


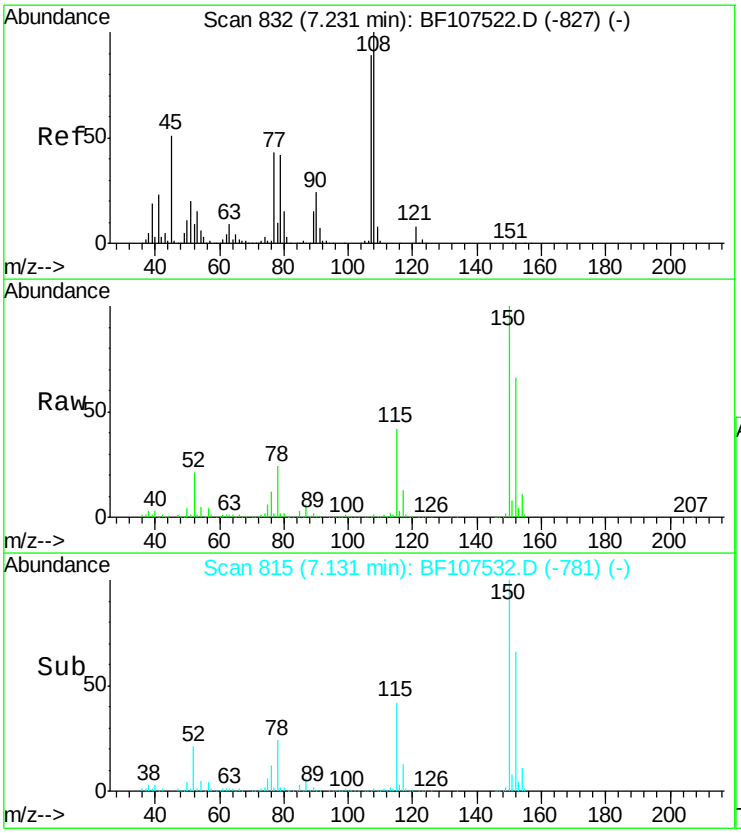
#15
Benzyl Alcohol
Concen: 1.706 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 79 Resp: 27136

Ion	Ratio	Lower	Upper
79	100		
108	31.2	65.1	97.7#
77	105.1	50.6	75.8#

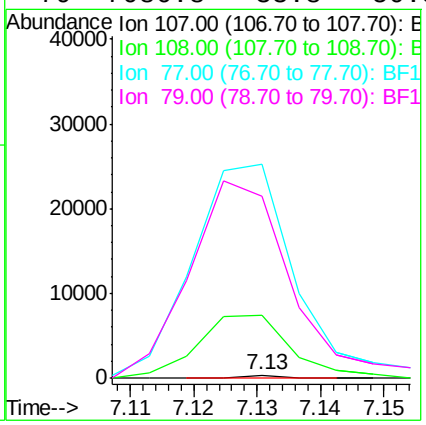


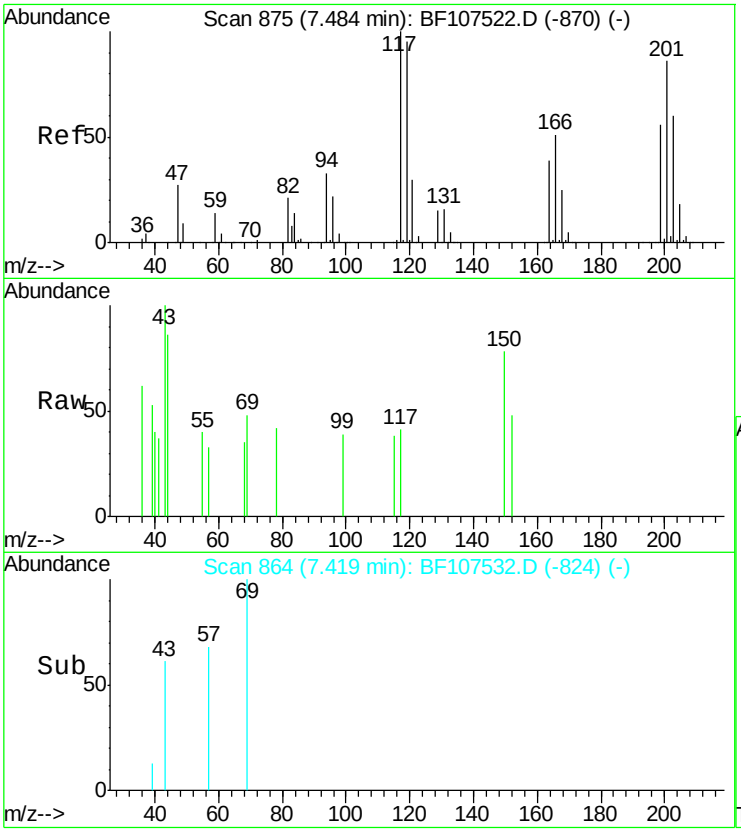


#17
2-Methylphenol
Concen: 0.006 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.10 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:107 Resp: 107

Ion	Ratio	Lower	Upper
107	100		
108	2454.9	91.7	137.5#
77	8300.0	33.8	50.8#
79	7086.8	33.8	50.8#



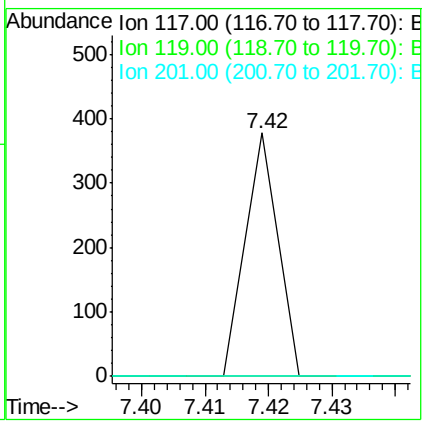


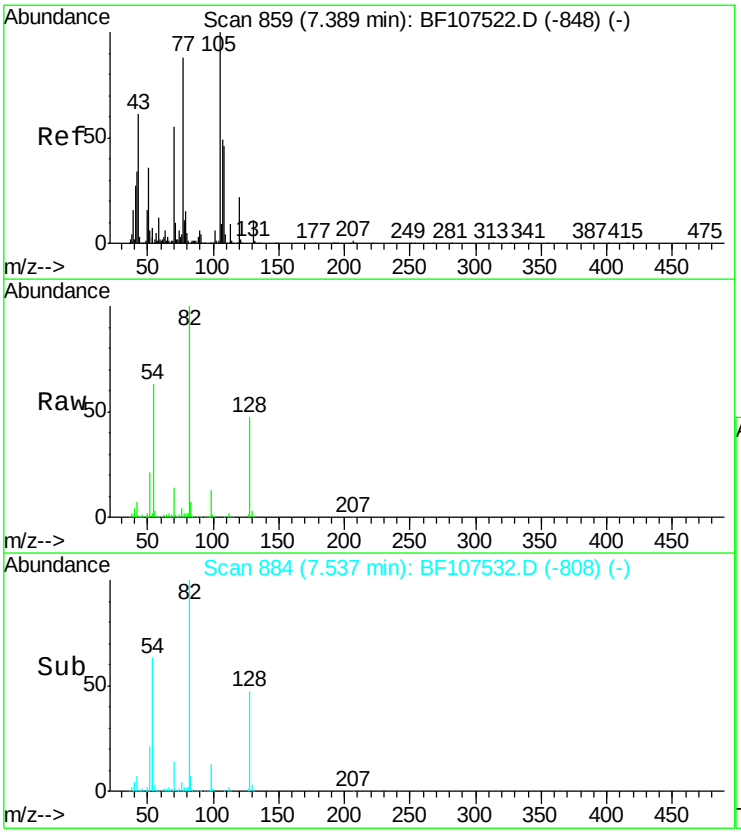
#18
Hexachloroethane
Concen: 0.016 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.06 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:117 Resp: 133

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

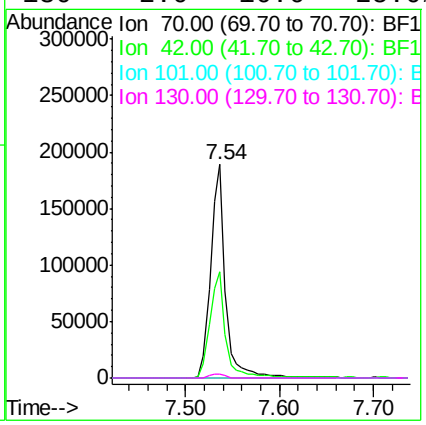


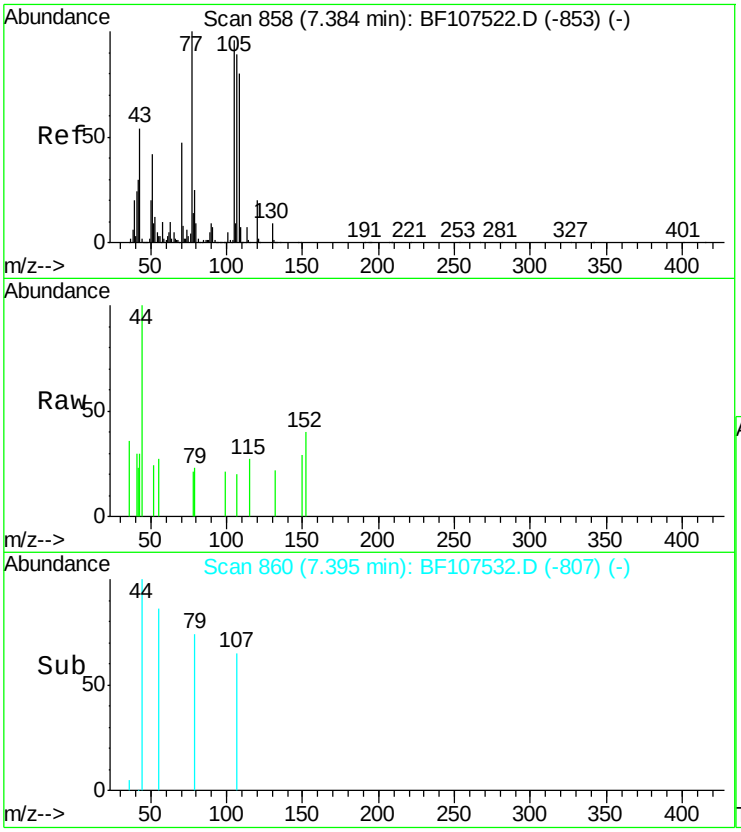


#19
n-Nitroso-di-n-propylamine
Concen: 14.090 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 70 Resp: 212449

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



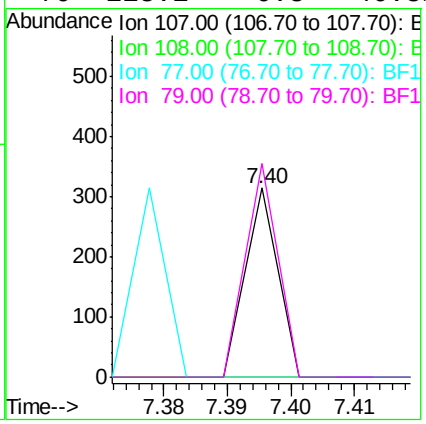


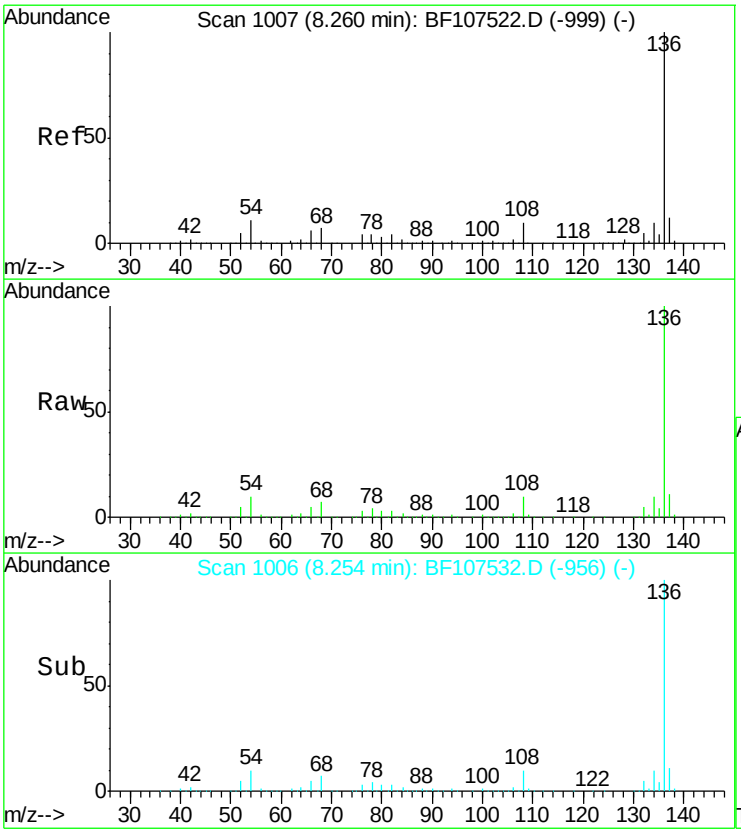
#20
3+4-Methylphenols
Concen: 0.005 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:107 Resp: 111

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	0.0	26.7	66.7#
79	113.1	6.3	46.3#

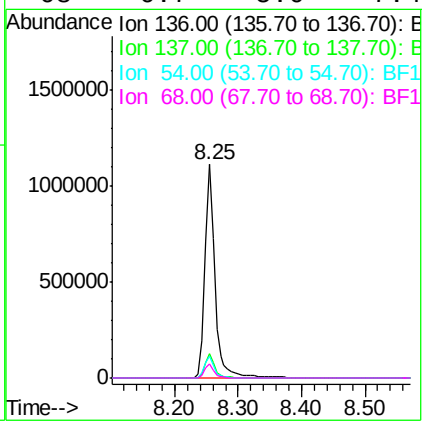


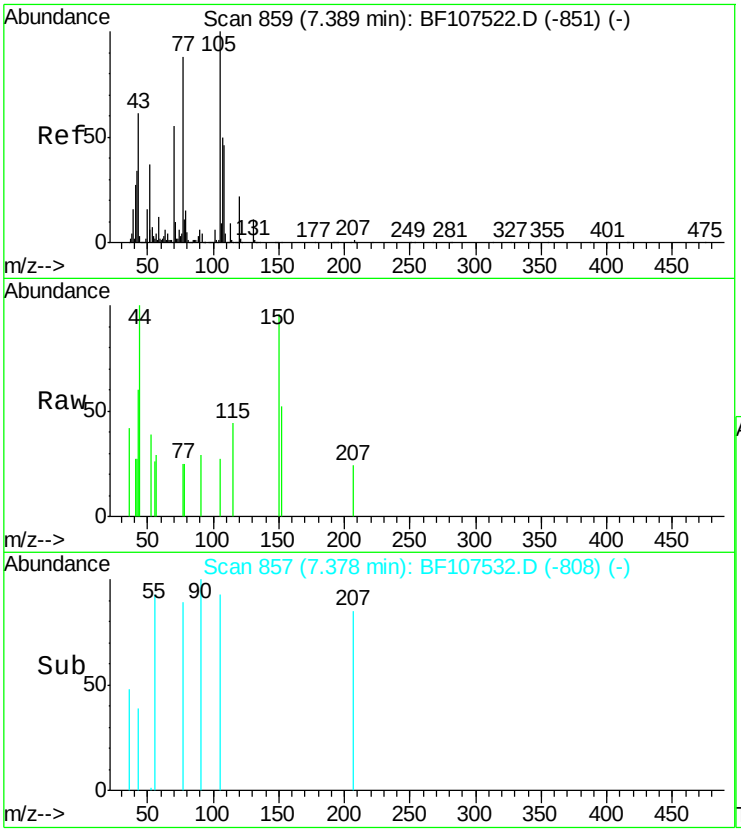


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:136 Resp: 1218580

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.2	6.6	9.8#
68	6.7	5.0	7.4



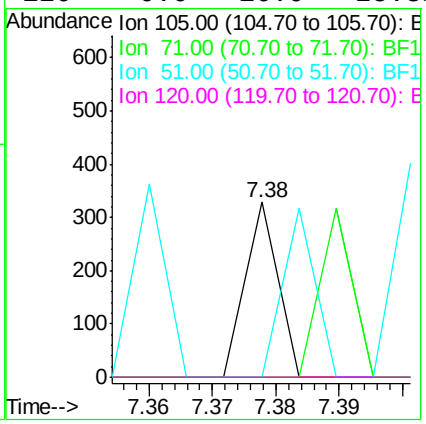


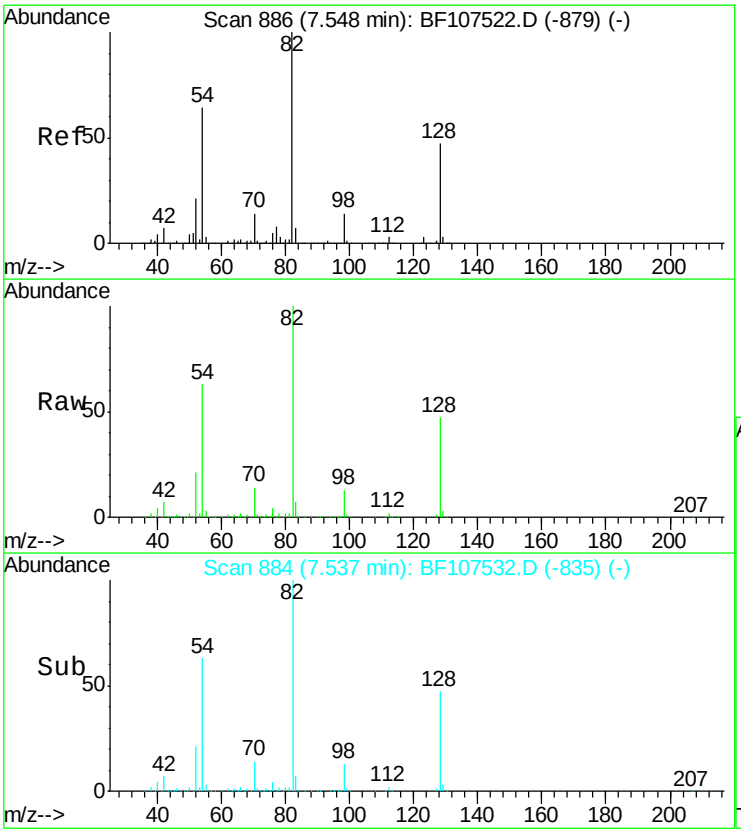
#22
Acetophenone
Concen: 0.004 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument : BNA_F
ClientSampleId : PB111265BL

Tgt Ion:105 Resp: 116

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

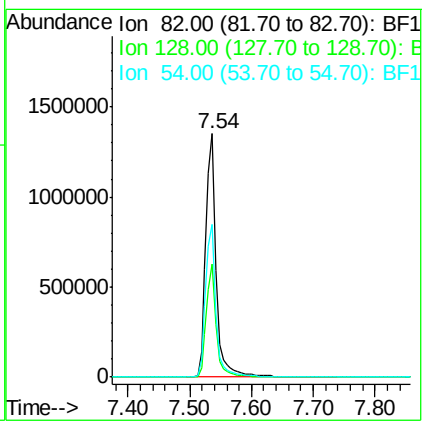


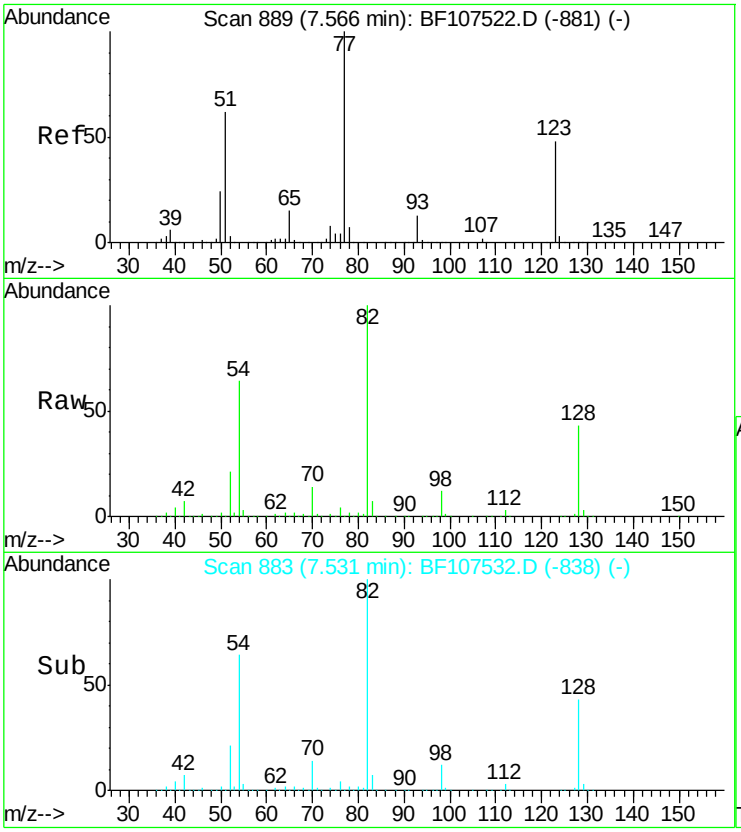


#23
Nitrobenzene-d5
Concen: 86.866 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 82 Resp: 1568486

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	62.8	41.4	62.2#



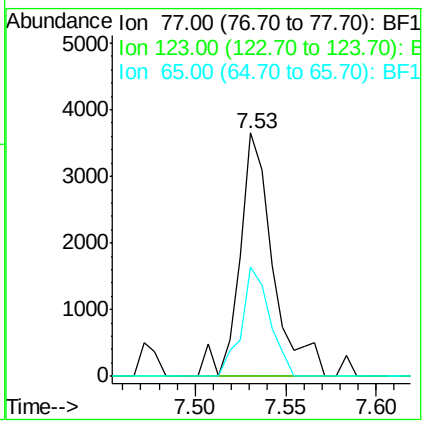


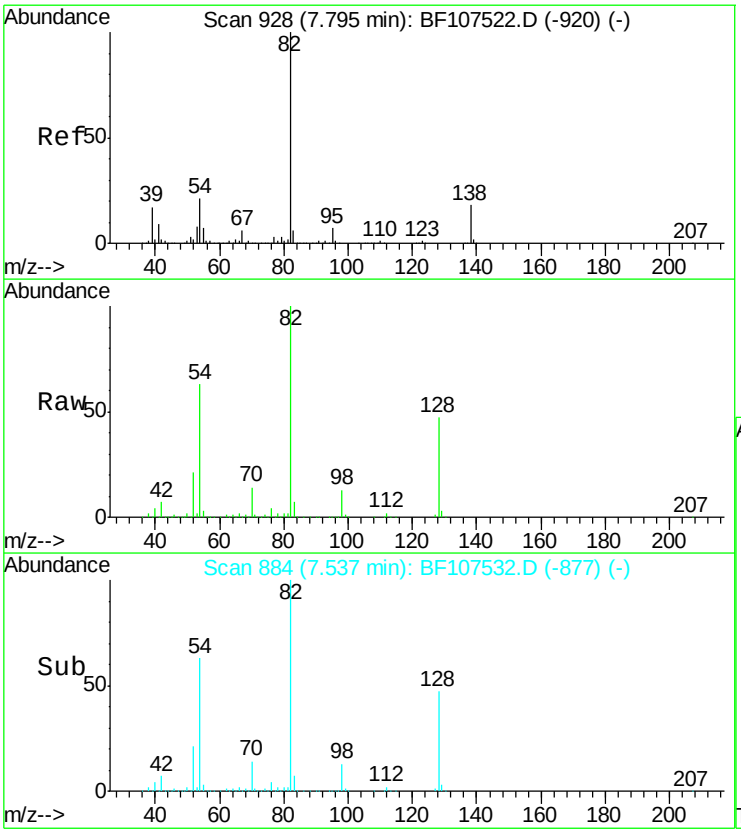
#24
Nitrobenzene
Concen: 0.228 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 77 Resp: 4707

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	44.9	11.0	16.4#

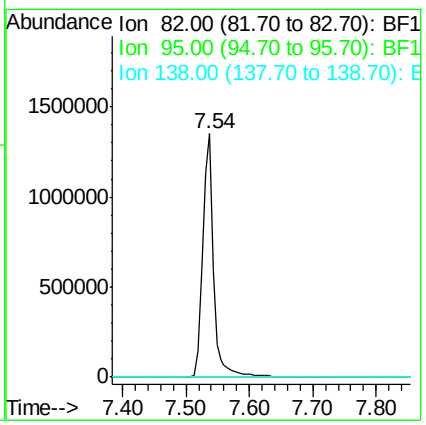


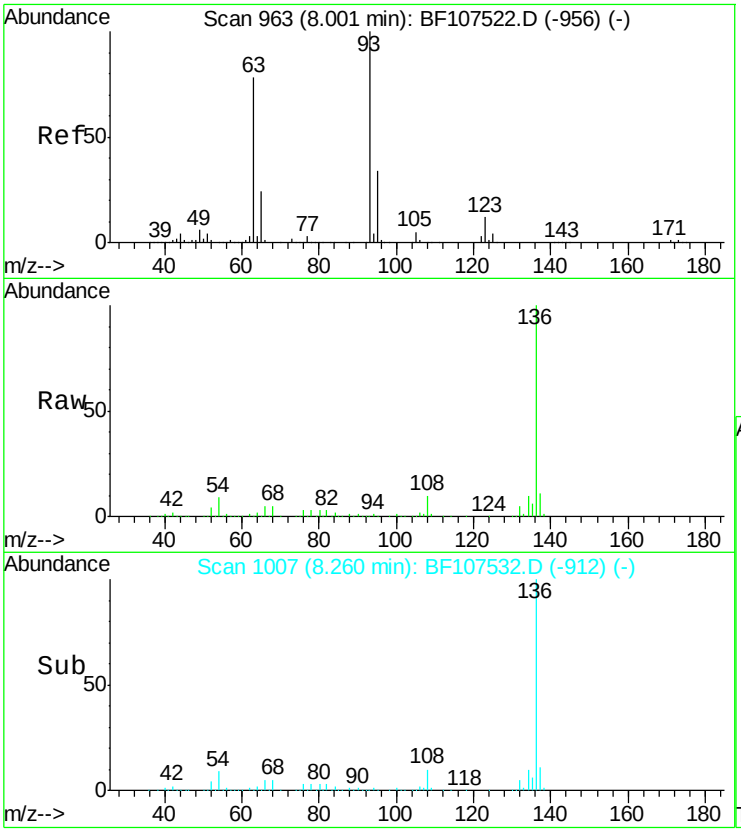


#25
Isophorone
Concen: 40.683 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion: 82 Resp: 1568477

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



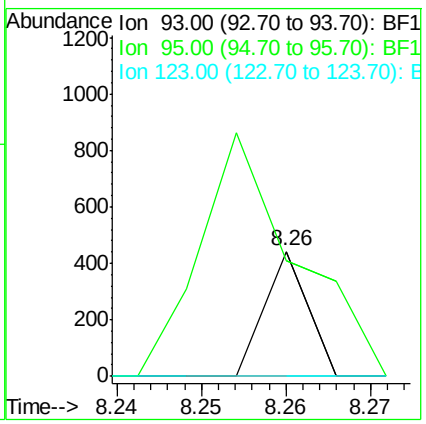


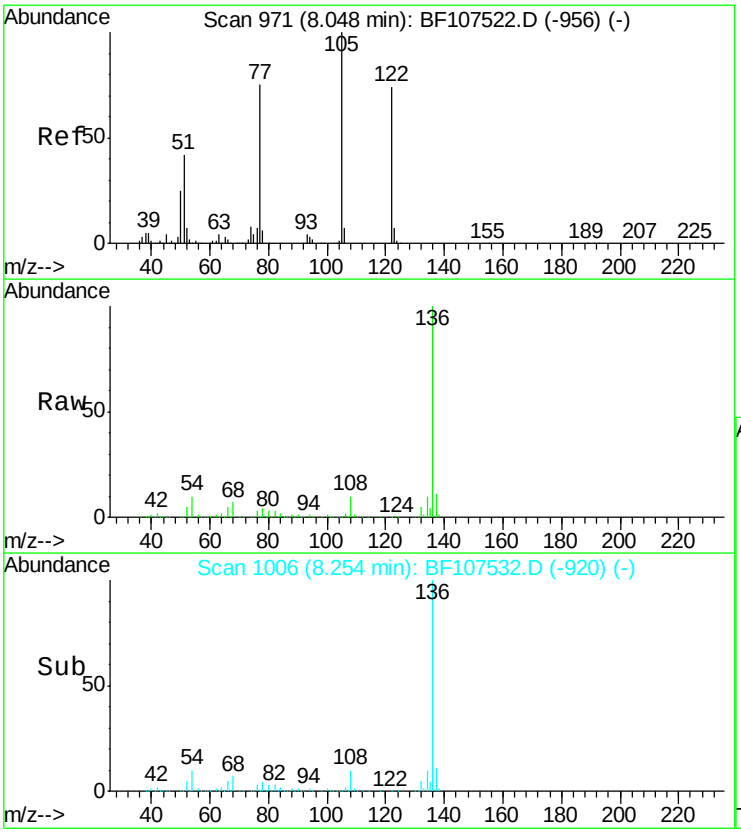
#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.26 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 93 Resp: 156

Ion	Ratio	Lower	Upper
93	100		
95	93.2	26.3	39.5#
123	0.0	9.8	14.6#

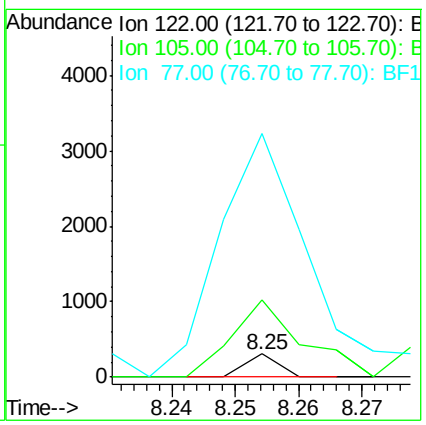


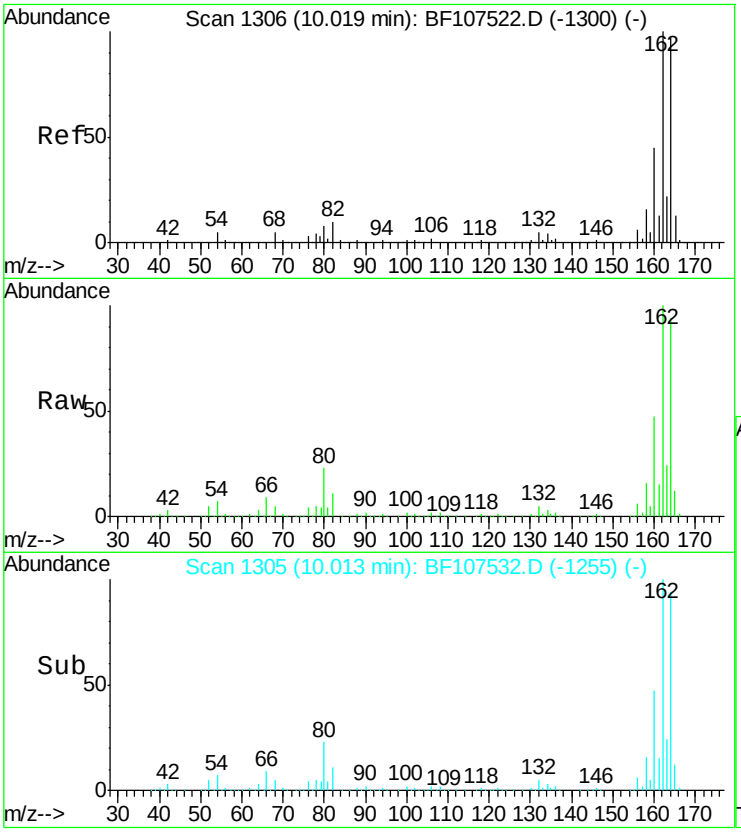


#32
Benzoic acid
Concen: 7.907 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.21 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	337.5	101.1	141.1#
77	1062.2	70.7	110.7#



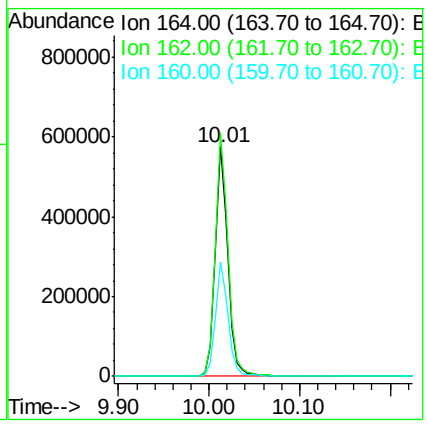


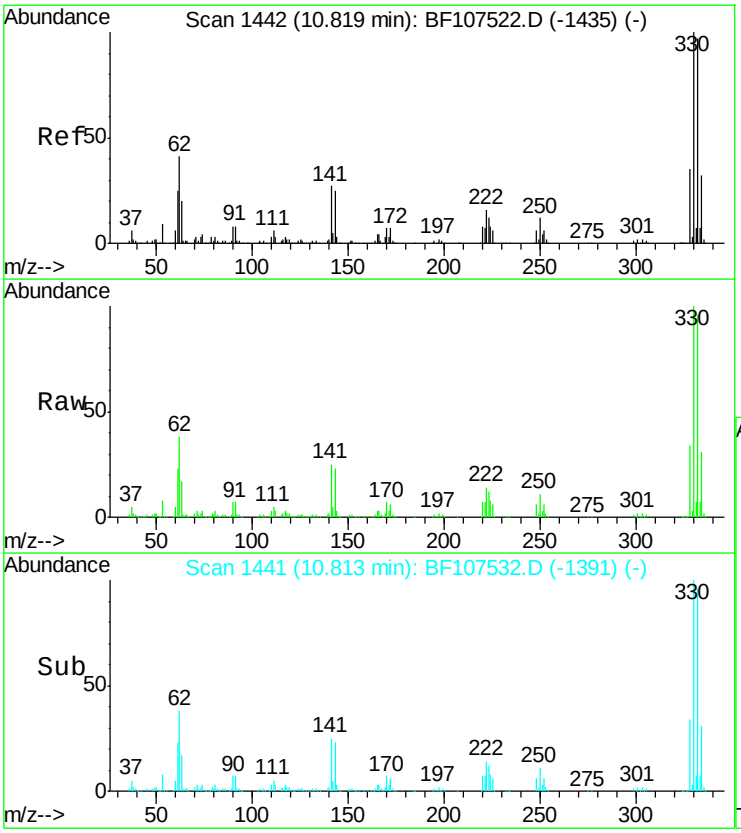
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:164 Resp: 559892

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	49.8	38.3	57.5

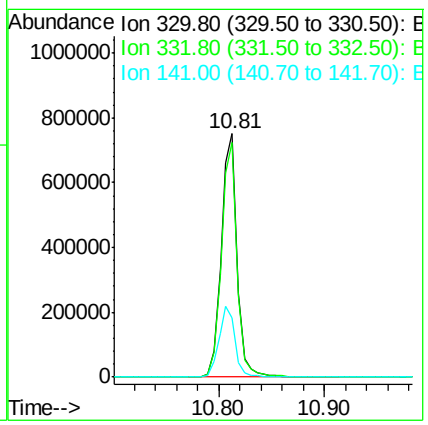


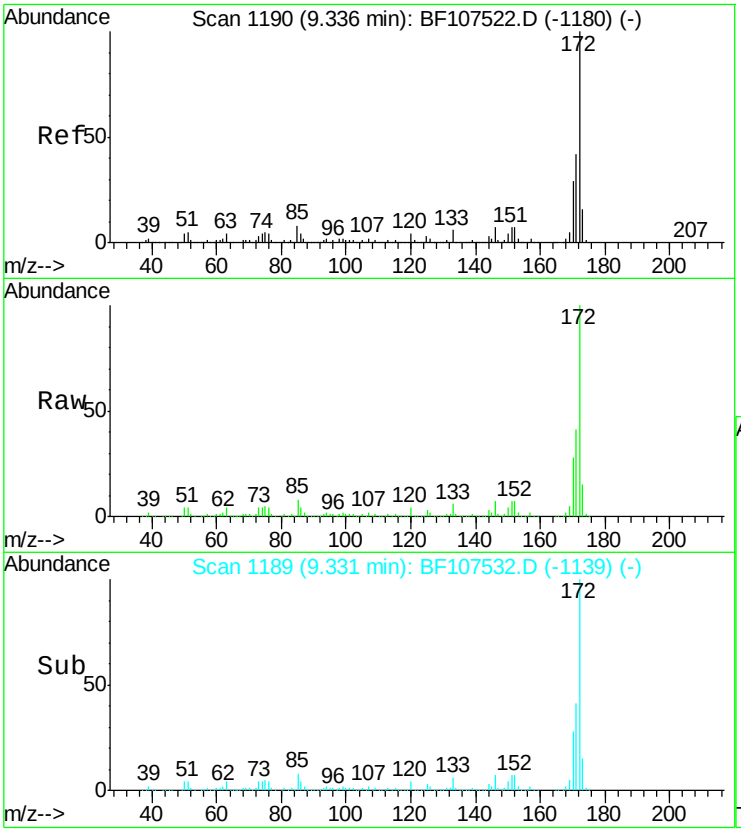


#41
2,4,6-Tribromophenol
Concen: 123.684 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:330 Resp: 787474

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.3	29.9	44.9



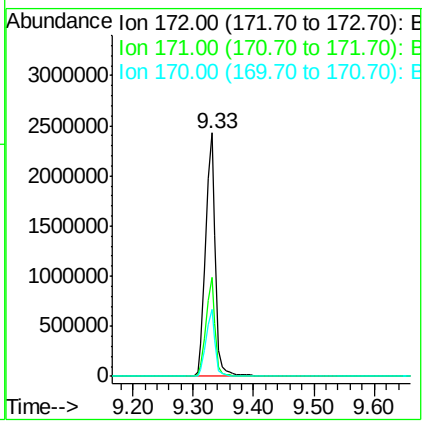


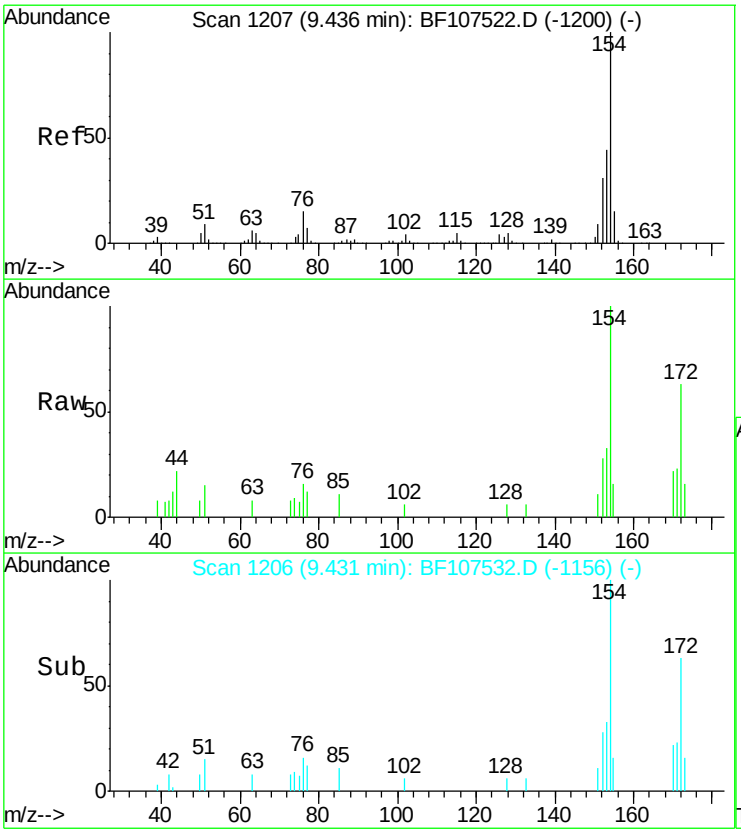
#44
2-Fluorobiphenyl
Concen: 84.604 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:172 Resp: 2769407

Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.7	44.5
170	27.6	19.6	29.4

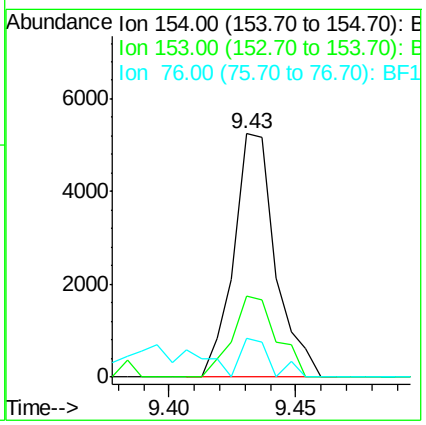


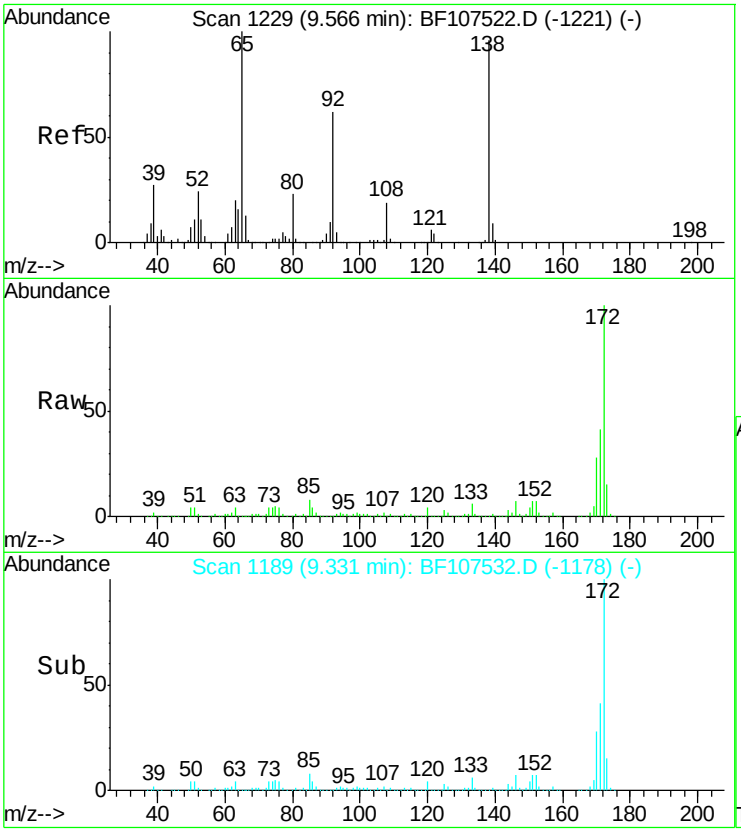


#45
1,1'-Biphenyl
Concen: 0.124 ng
RT: 9.43 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:154 Resp: 6025

Ion	Ratio	Lower	Upper
154	100		
153	33.2	21.3	61.3
76	15.7	0.0	34.0



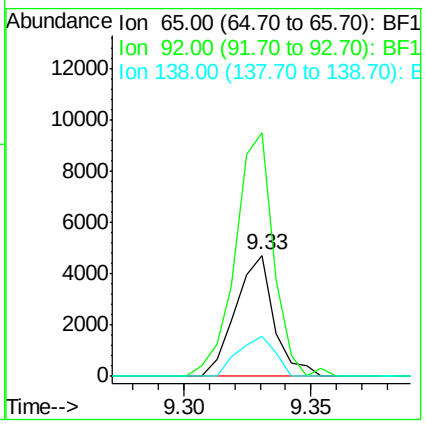


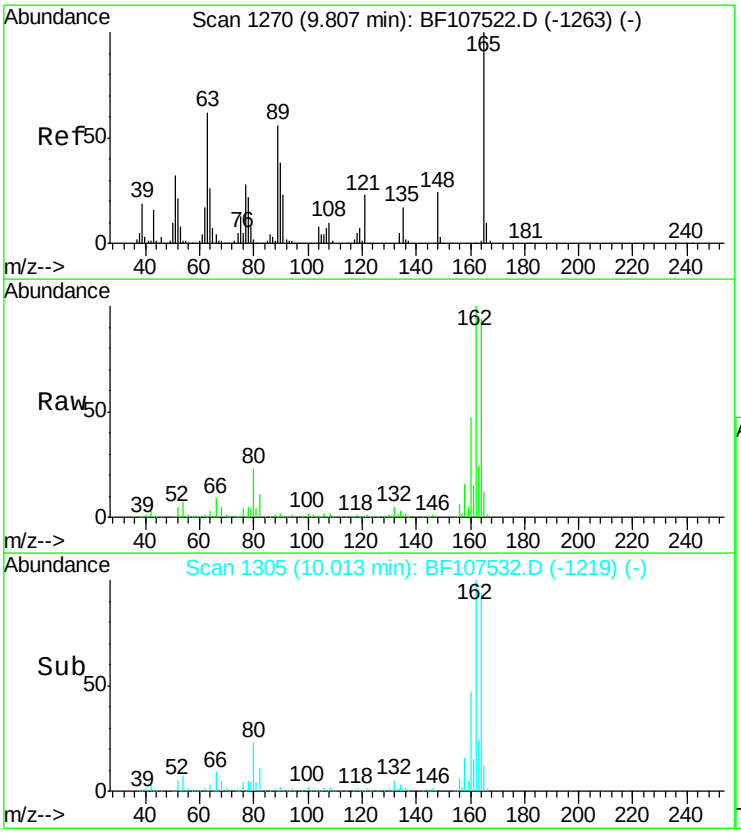
#47
2-Nitroaniline
Concen: 0.457 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.24 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 65 Resp: 4970

Ion	Ratio	Lower	Upper
65	100		
92	181.1	55.8	83.6#
138	29.5	91.2	136.8#

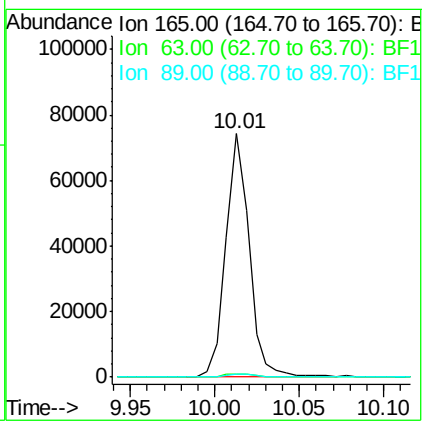


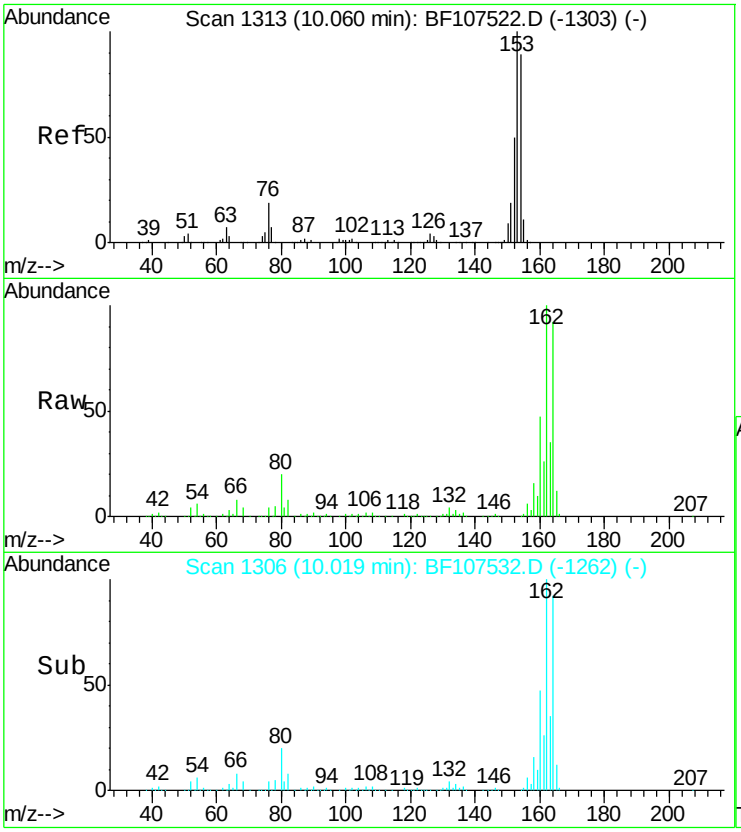


#50
2,6-Dinitrotoluene
Concen: 8.526 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:165 Resp: 71426

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.2	44.0	66.0#



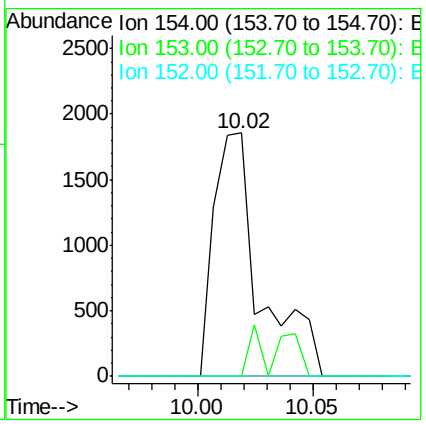


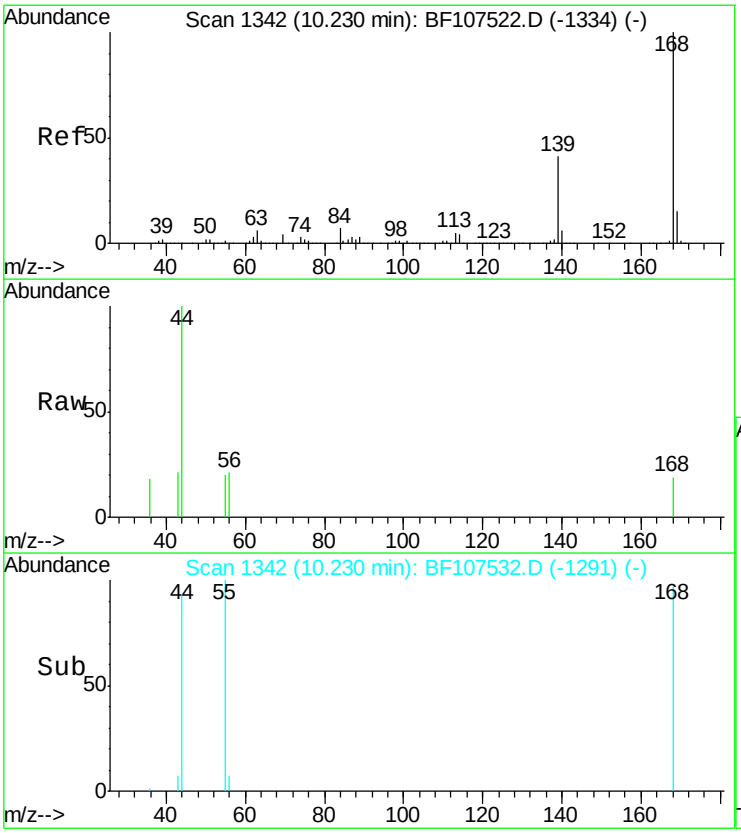
#51
Acenaphthene
Concen: 0.074 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:154 Resp: 2582

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

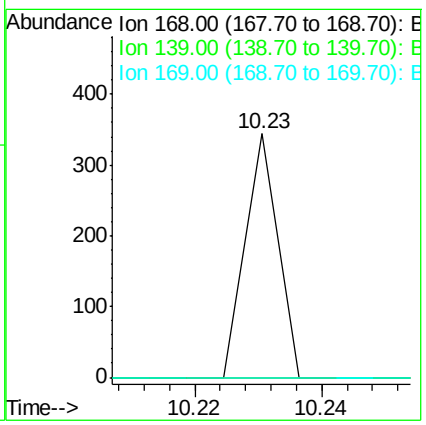


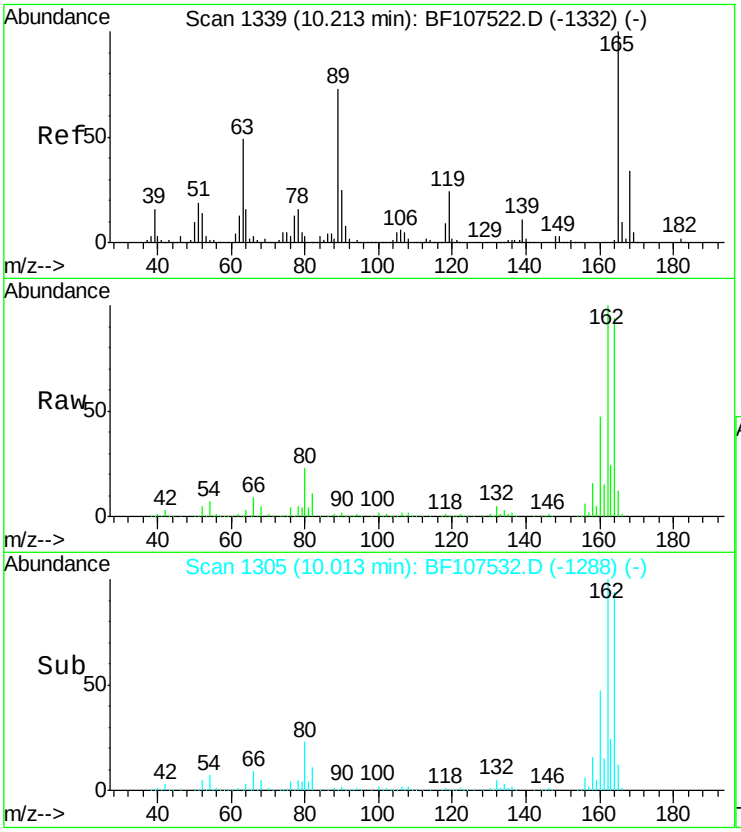


#54
Dibenzofuran
Concen: 0.002 ng
RT: 10.23 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:168 Resp: 121

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



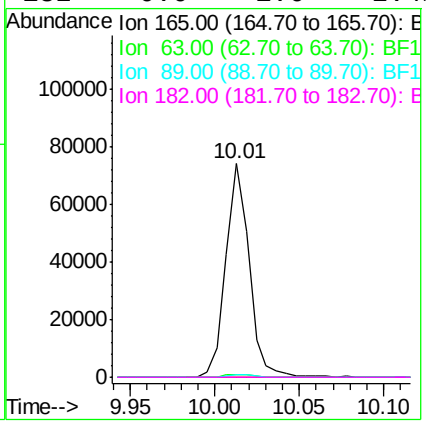


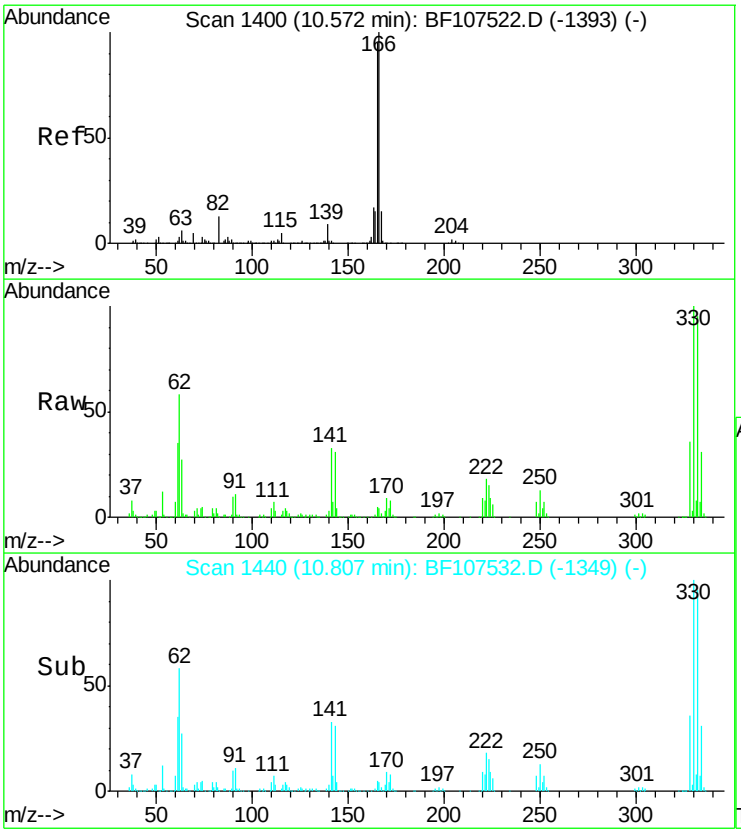
#56
2,4-Dinitrotoluene
Concen: 7.063 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:165 Resp: 71426

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

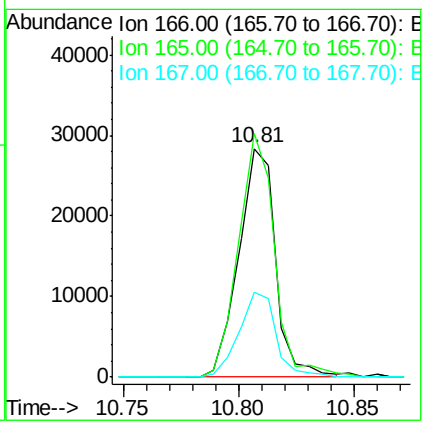


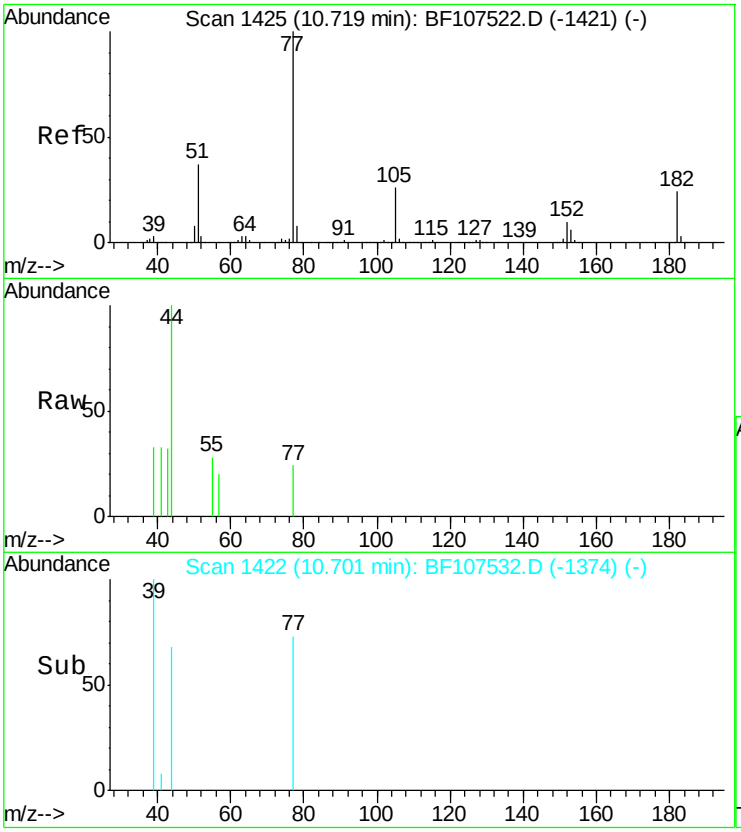


#57
Fluorene
Concen: 0.858 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:166 Resp: 31627

Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.8	119.8
167	37.0	10.6	16.0#



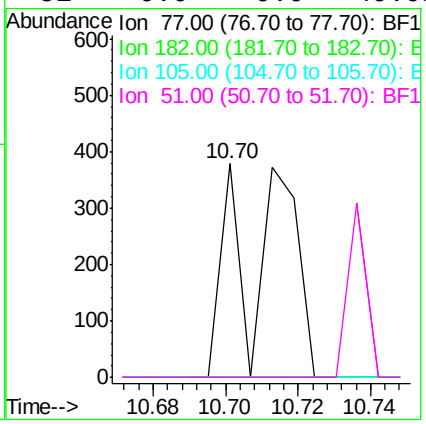


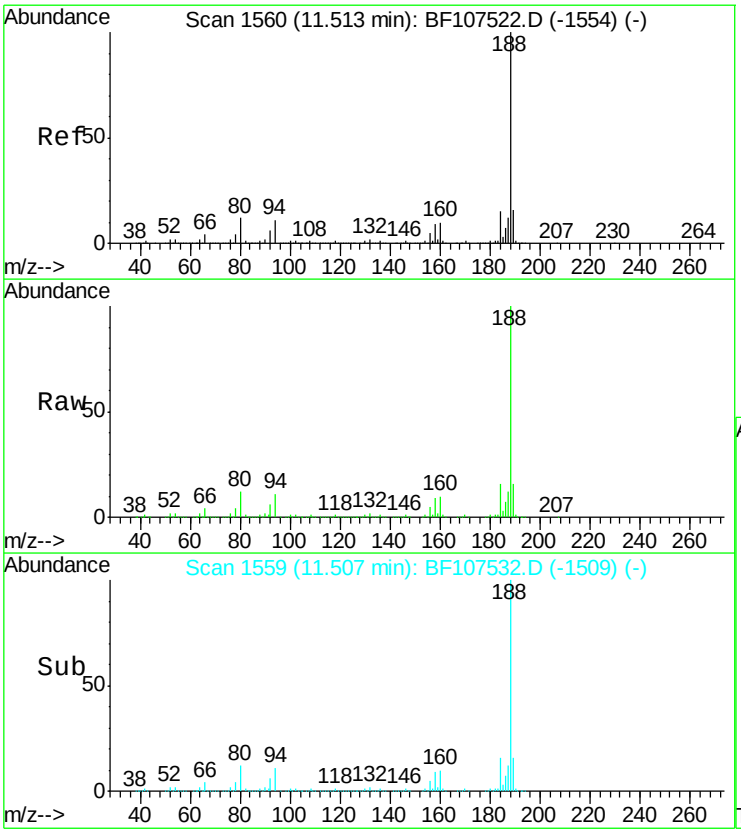
#62
Azobenzene
Concen: 0.009 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion: 77 Resp: 377

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

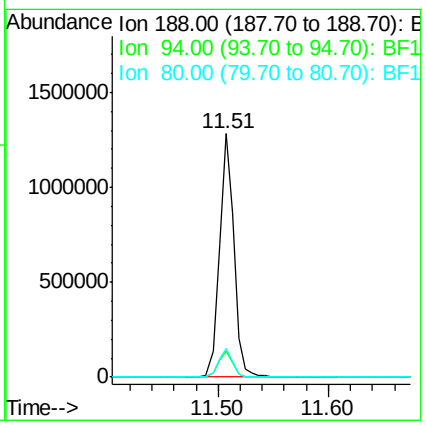


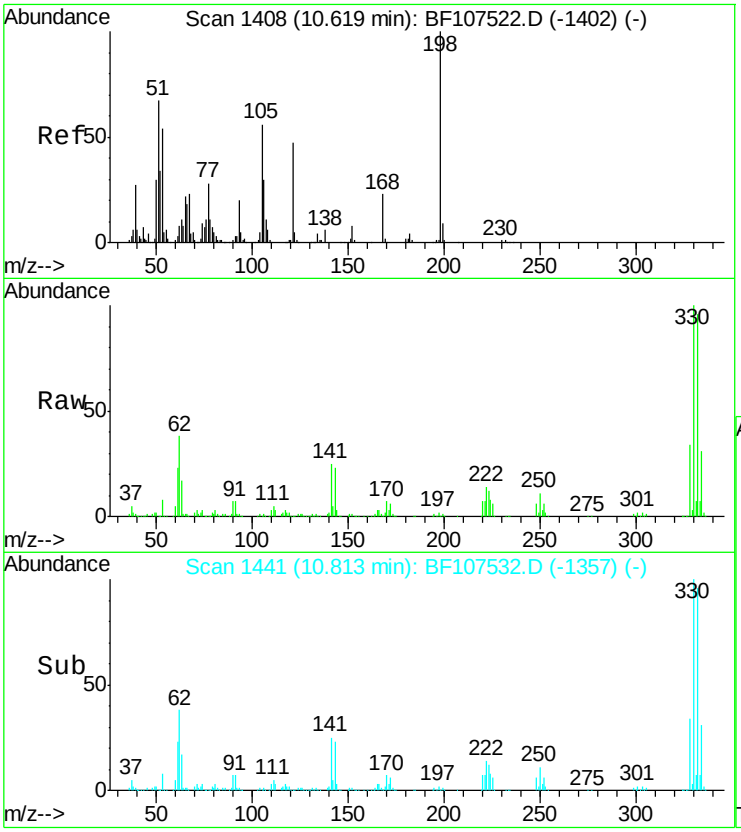


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:188 Resp: 1163966

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8



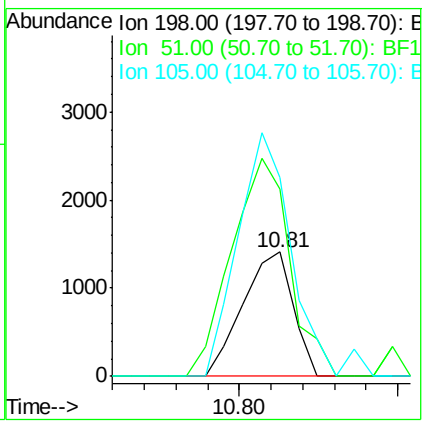


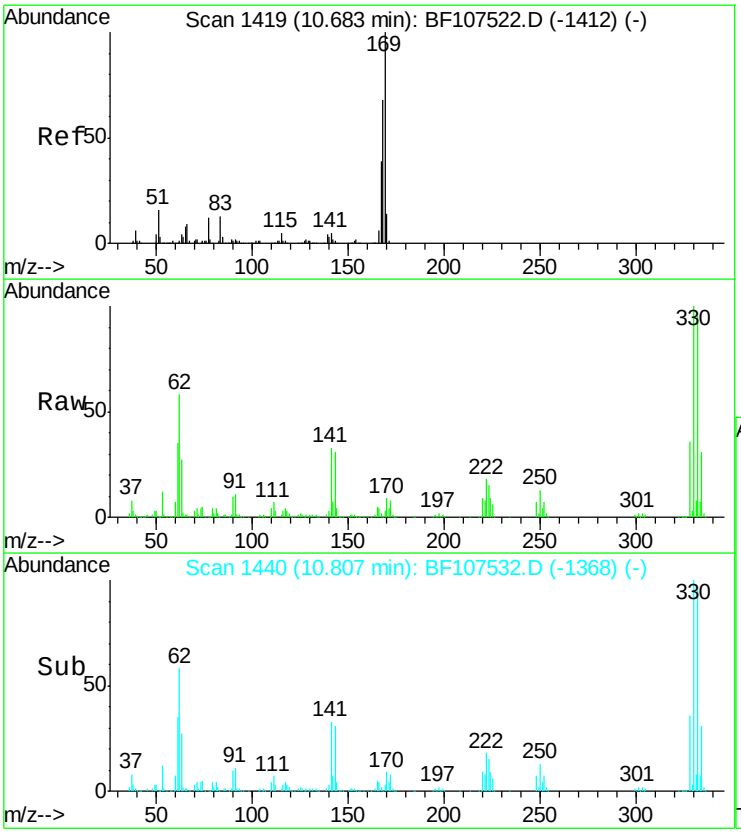
#64
4,6-Dinitro-2-methylphenol
Concen: 8.907 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:198 Resp: 1550

Ion	Ratio	Lower	Upper
198	100		
51	151.1	37.7	77.7#
105	160.1	36.3	76.3#

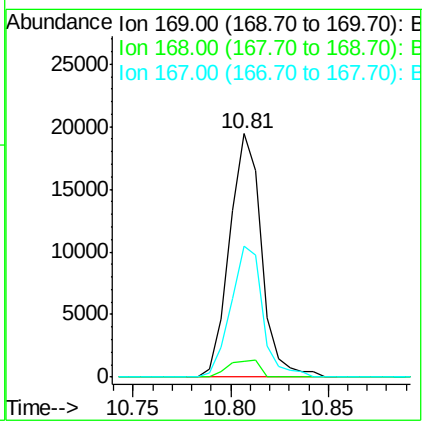


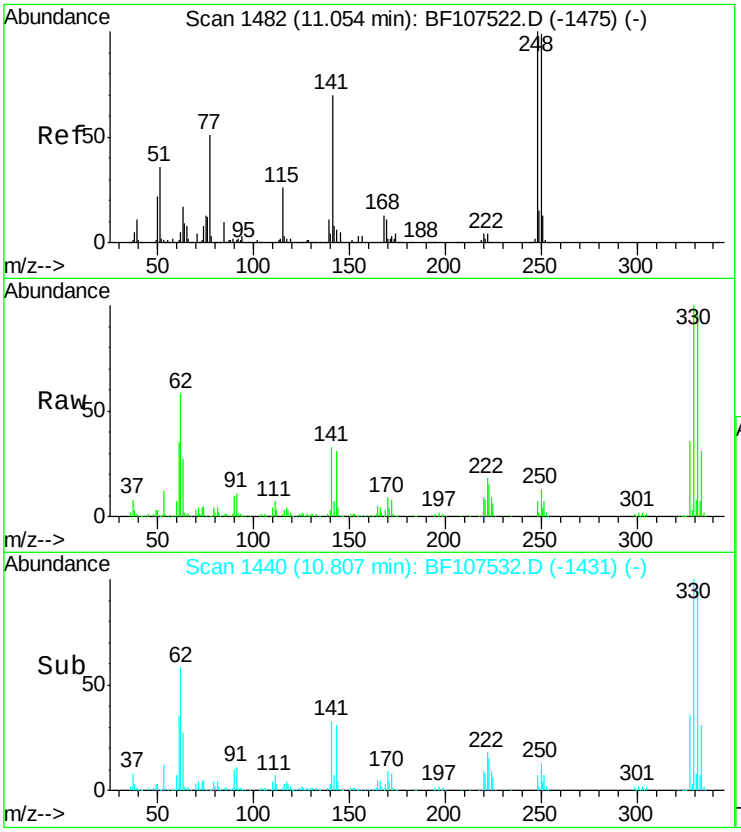


#65
n-Nitrosodiphenylamine
Concen: 0.557 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.12 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:169 Resp: 22000

Ion	Ratio	Lower	Upper
169	100		
168	6.5	54.4	81.6#
167	54.0	29.8	44.6#



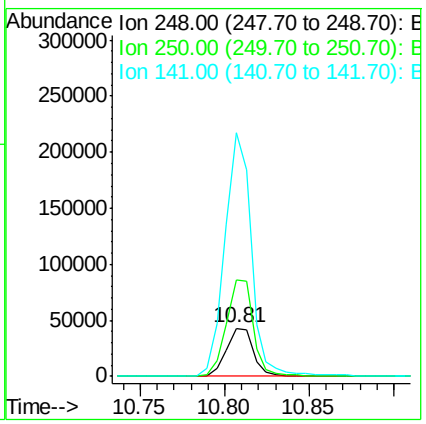


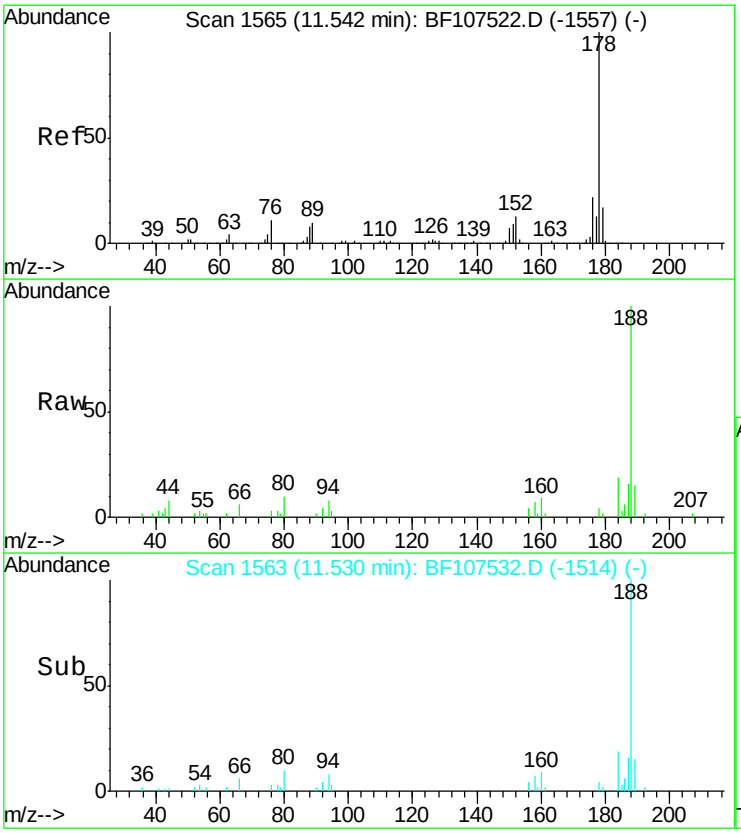
#66
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:248 Resp: 47596

Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.9	115.3#
141	506.4	74.4	111.6#

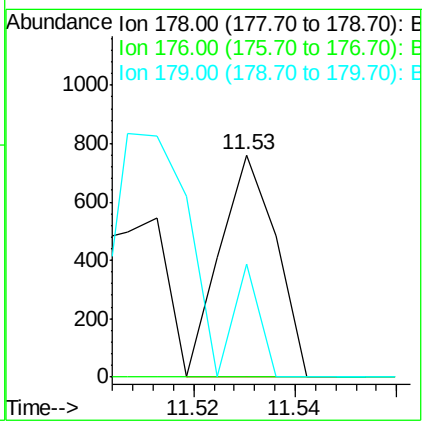


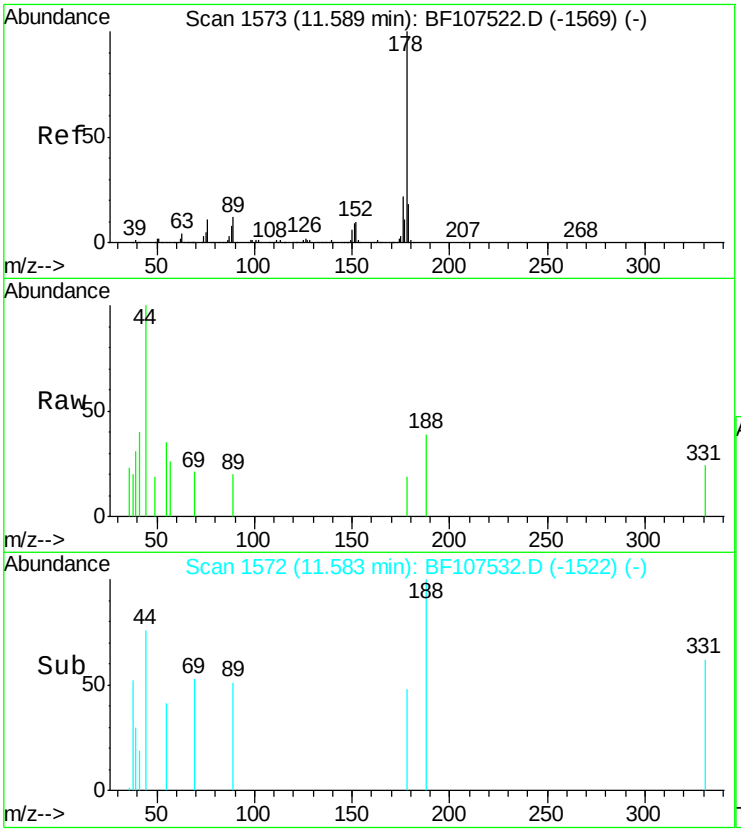


#70
Phenanthrene
Concen: 0.010 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:178 Resp: 585

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	50.9	13.0	19.6#



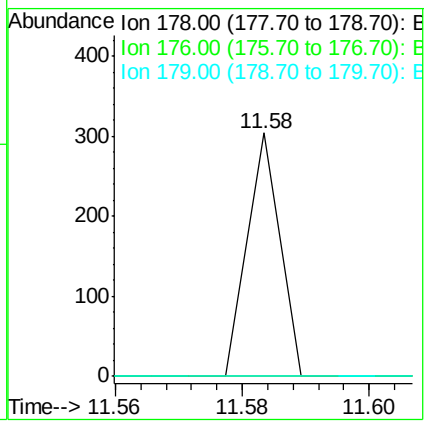


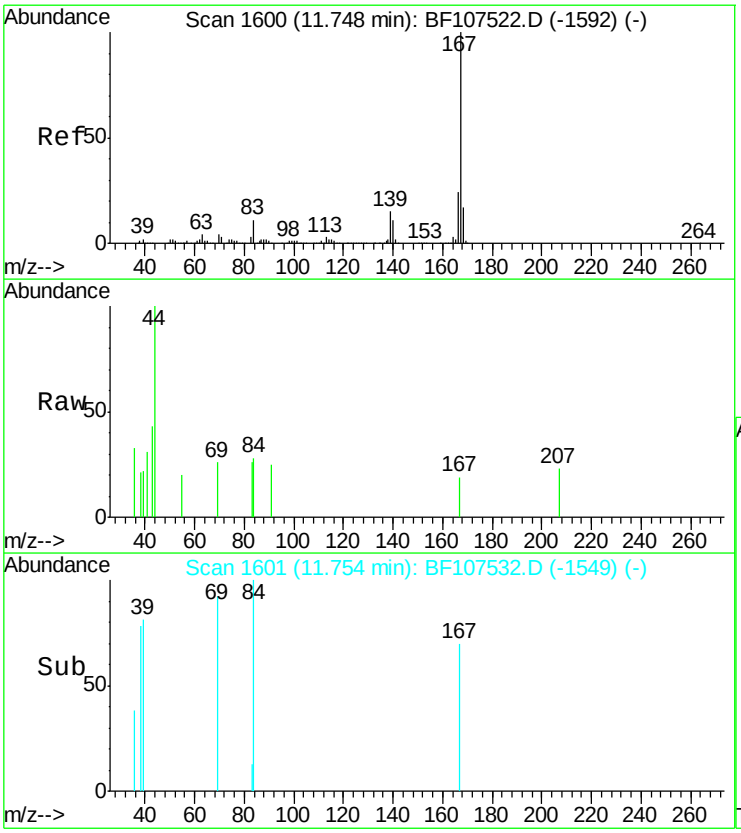
#71
Anthracene
Concen: 0.002 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:178 Resp: 107

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

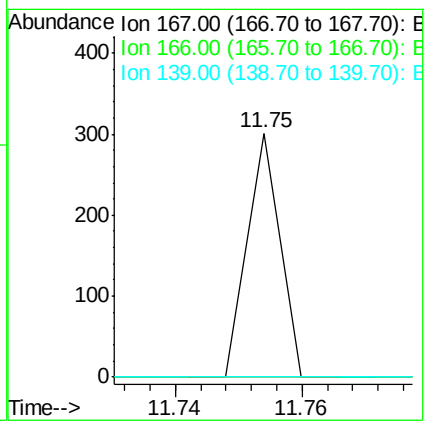


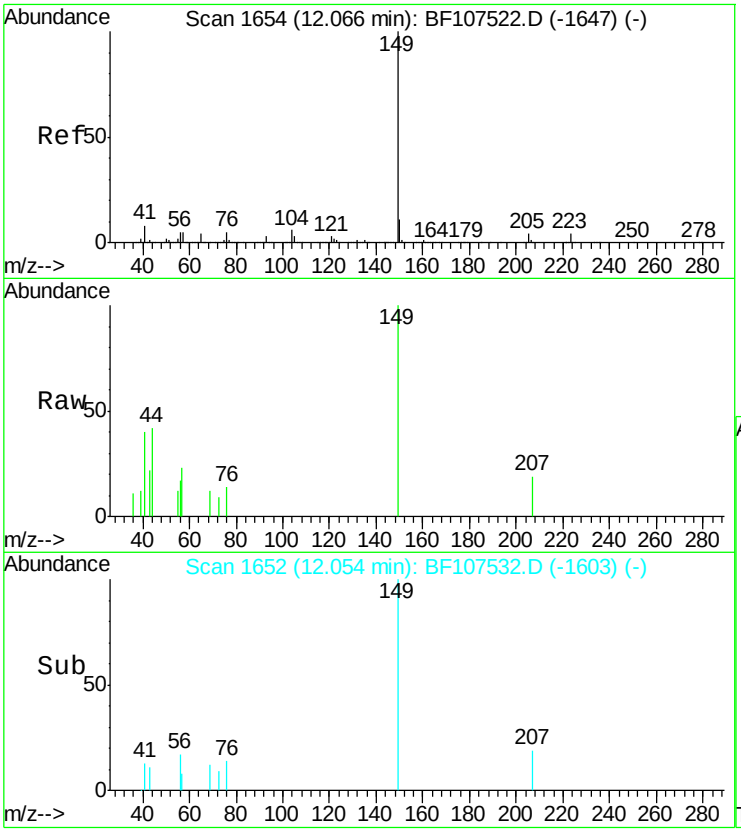


#72
Carbazole
Concen: 0.002 ng
RT: 11.75 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:167 Resp: 106

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



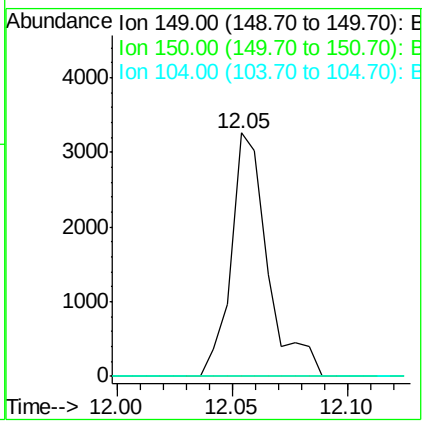


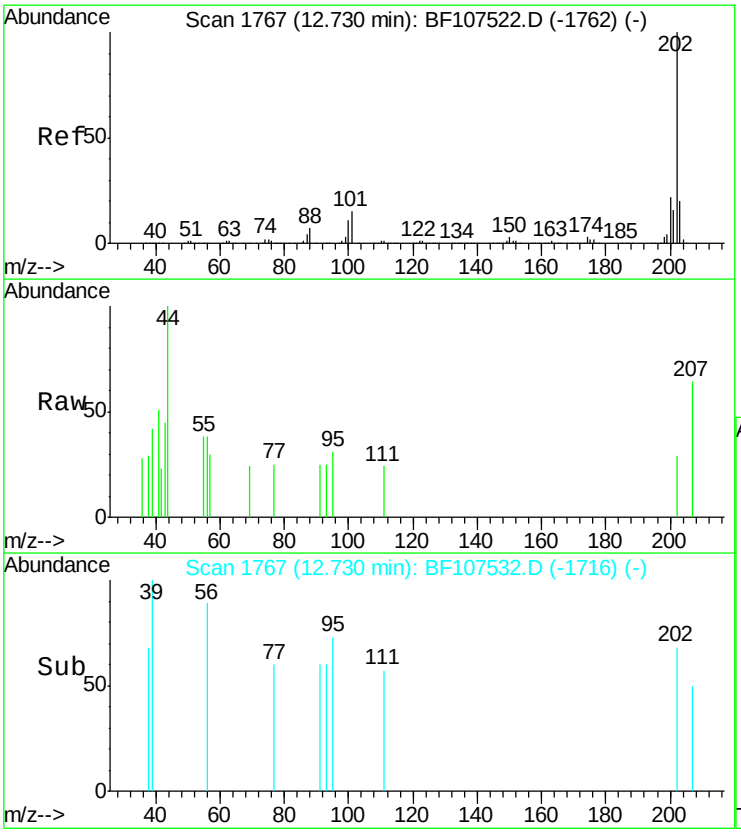
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 12.05 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument : BNA_F
ClientSampleId : PB111265BL

Tgt Ion:149 Resp: 3607

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

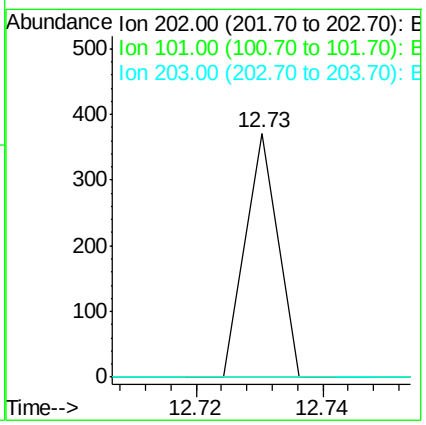


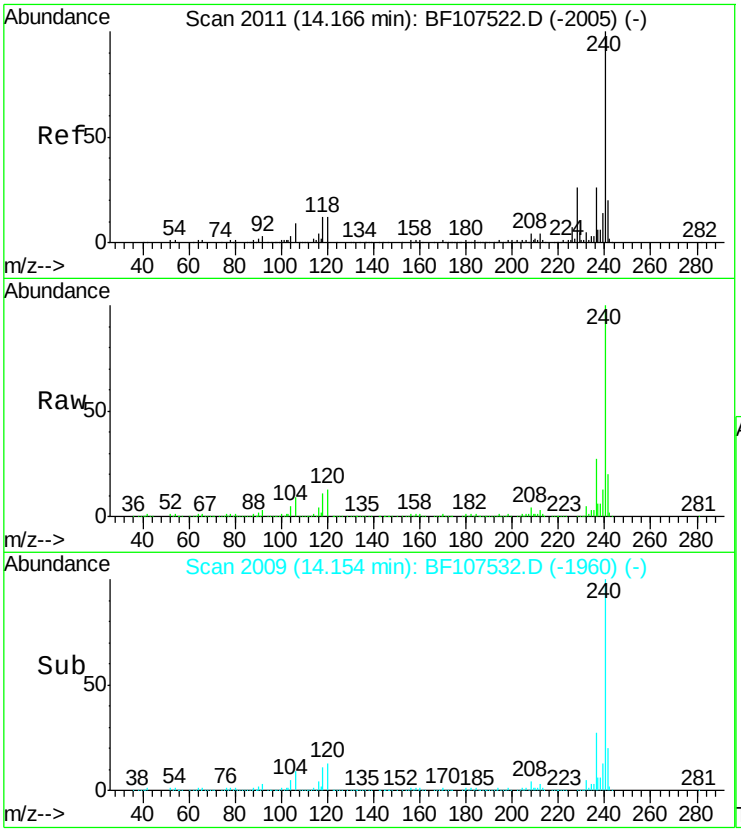


#74
Fluoranthene
Concen: 0.002 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:202 Resp: 131

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



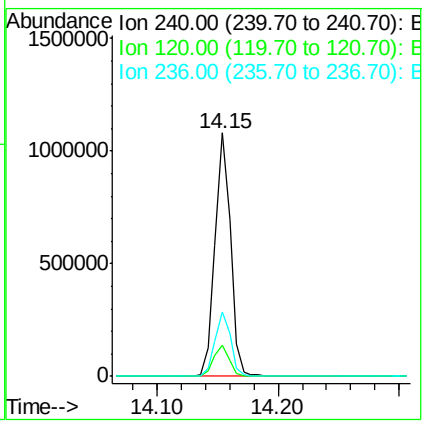


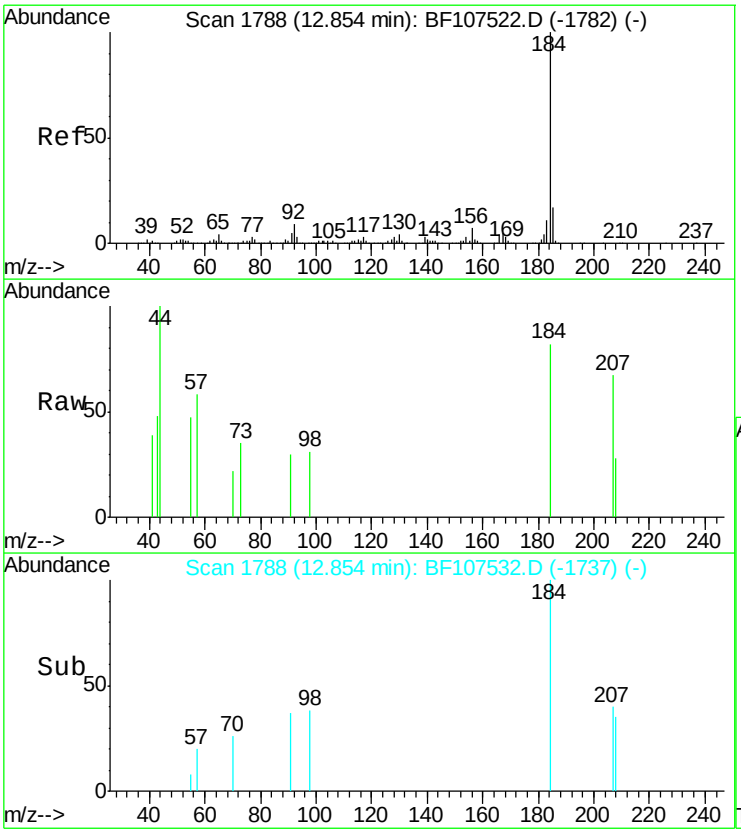
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:240 Resp: 952450

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.6	20.7	31.1

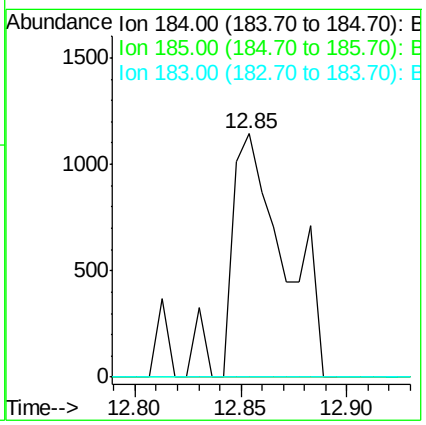


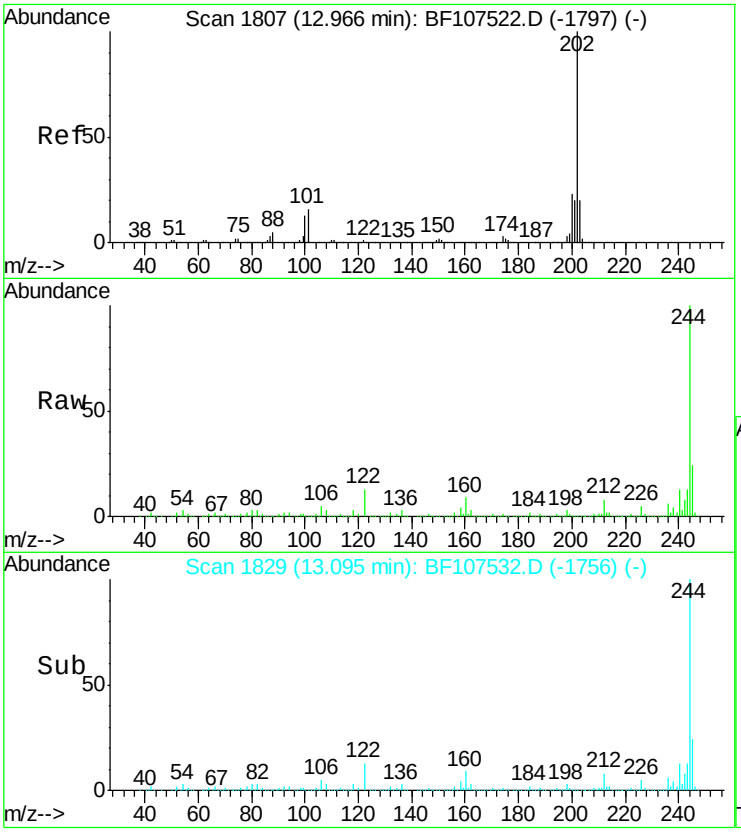


#76
Benzidine
Concen: 0.073 ng
RT: 12.85 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:184 Resp: 2002

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.6	18.8#
183	0.0	9.3	13.9#



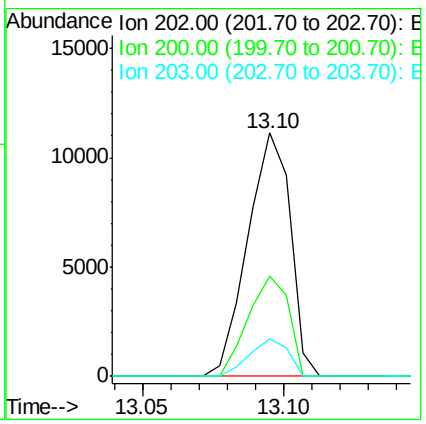


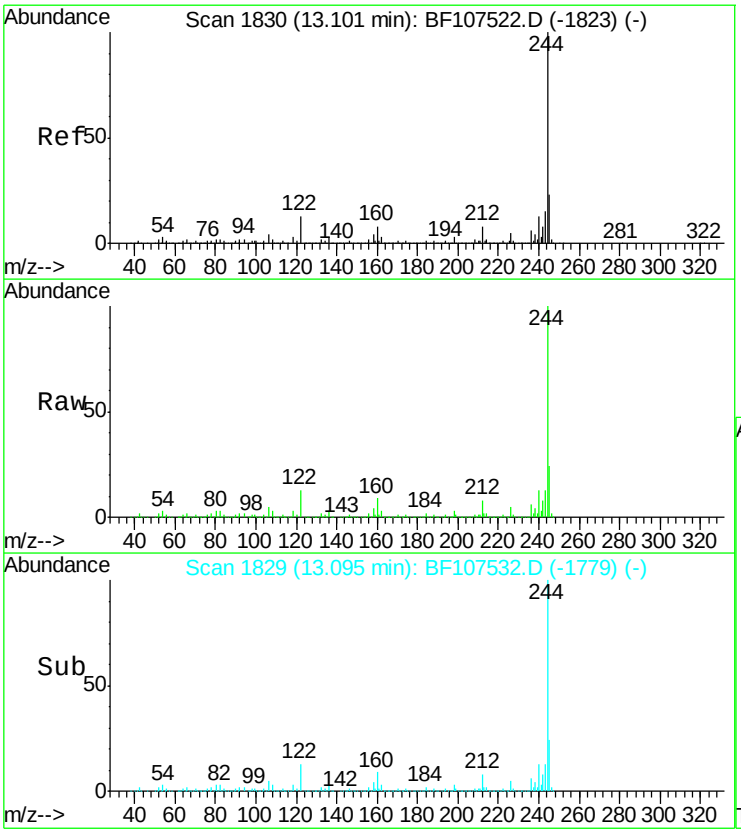
#77
Pyrene
Concen: 0.178 ng
RT: 13.10 min Scan# 1829
Delta R.T. 0.13 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:202 Resp: 11618

Ion	Ratio	Lower	Upper
202	100		
200	41.3	17.4	26.2#
203	15.6	14.3	21.5

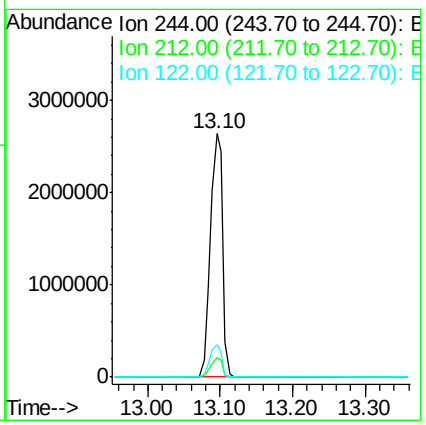


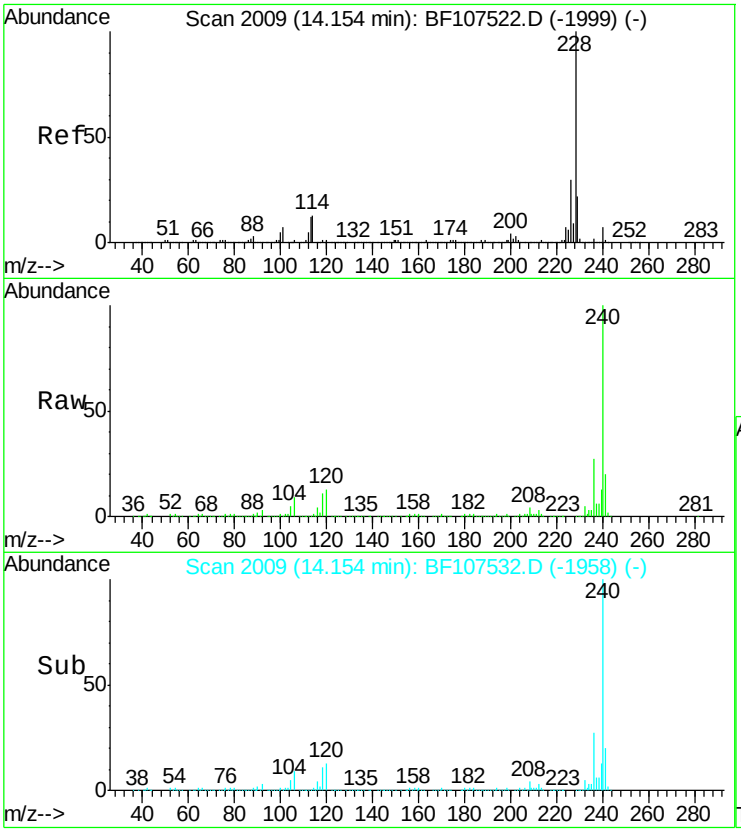


#78
Terphenyl-d14
Concen: 82.715 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:244 Resp: 3077295

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.4	8.0#
122	13.5	11.0	16.4



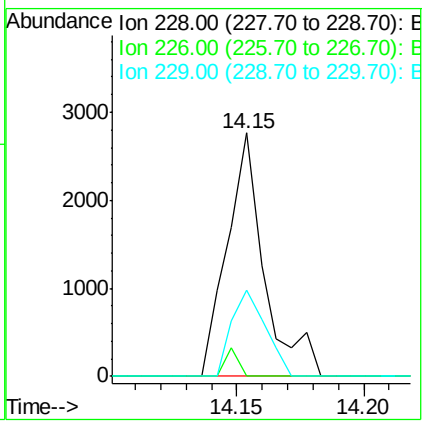


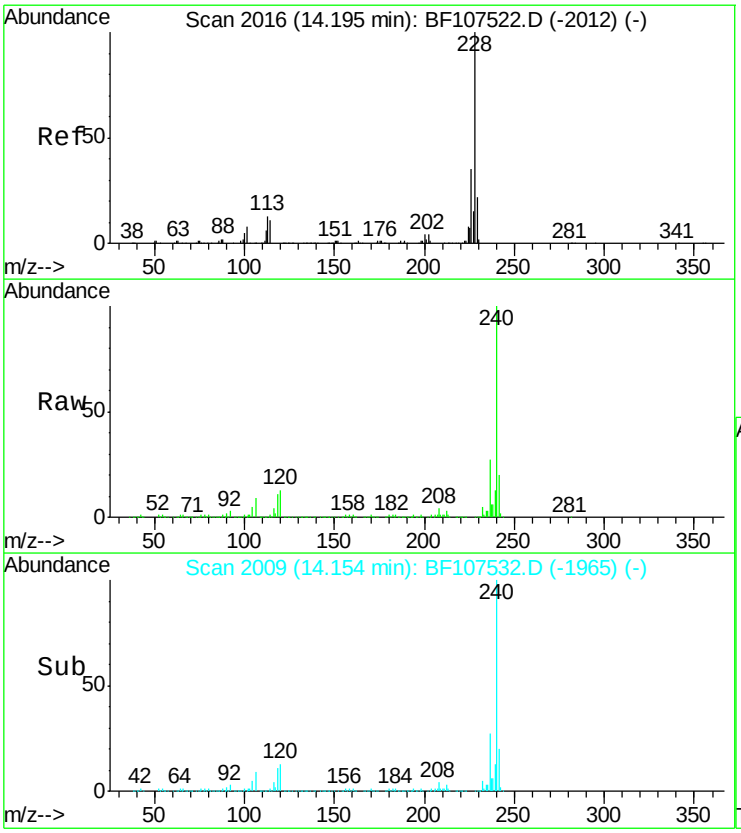
#80
Benzo(a)anthracene
Concen: 0.050 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:228 Resp: 2803

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	35.2	15.8	23.6#

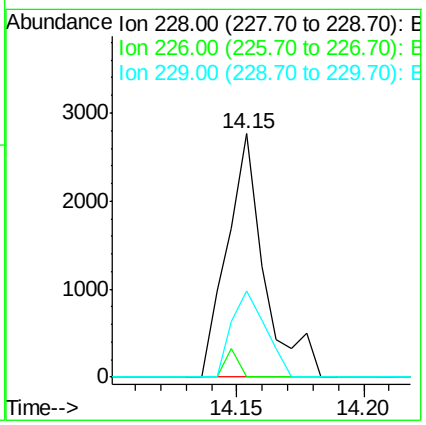


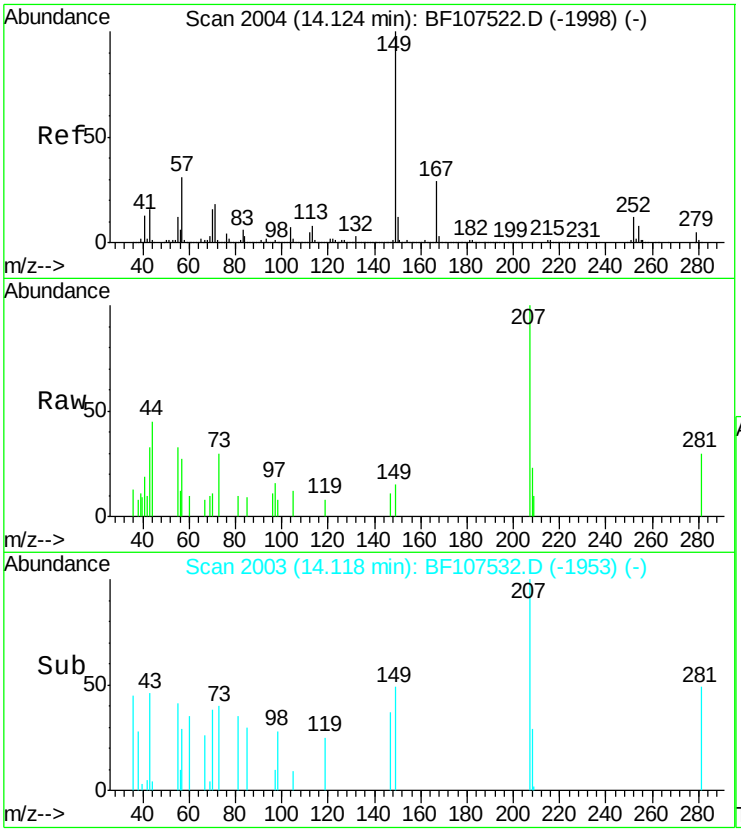


#82
Chrysene
Concen: 0.052 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:228 Resp: 2803

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	35.2	16.2	24.4#



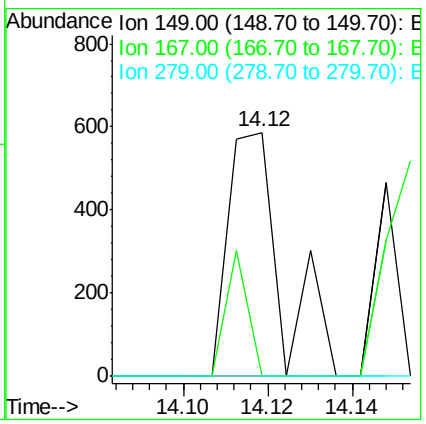


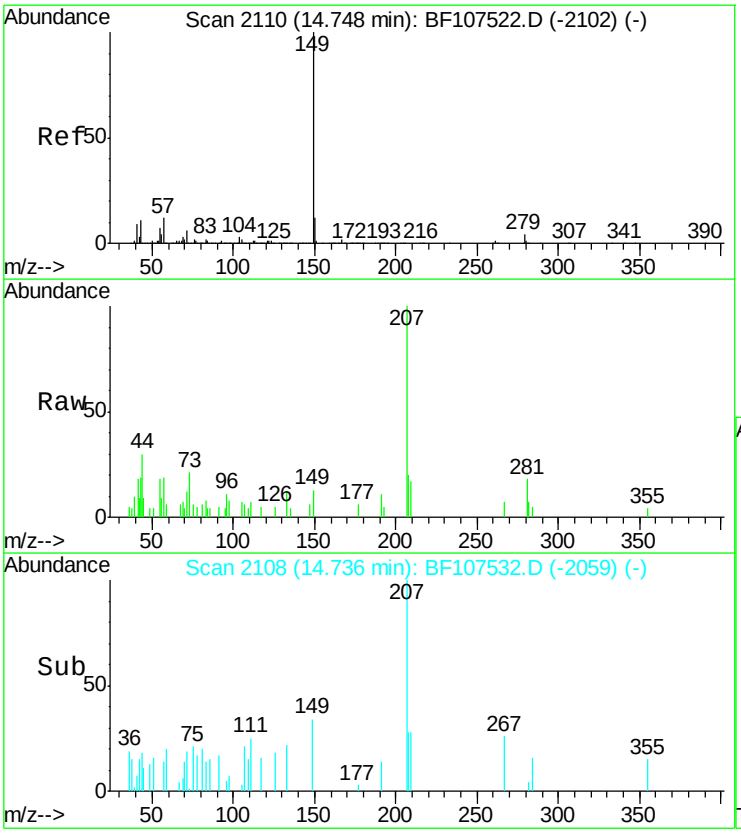
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.013 ng
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:149 Resp: 516

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

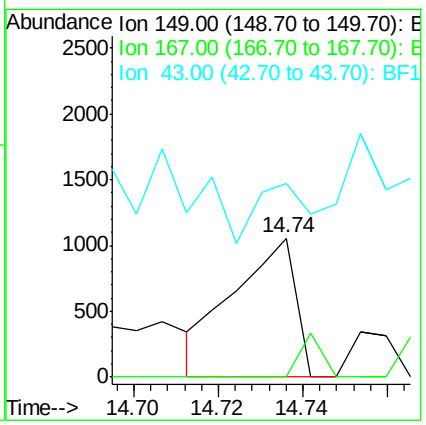


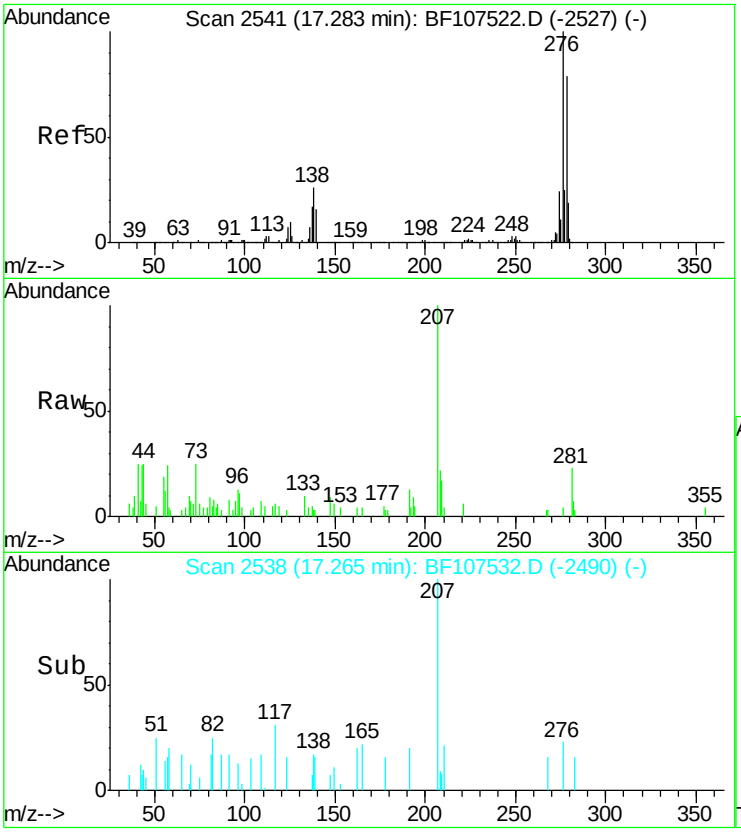


#84
Di-n-octyl phthalate
Concen: 0.018 ng
RT: 14.74 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:149 Resp: 1084

Ion	Ratio	Lower	Upper
149	100		
167	10.8	1.2	1.8#
43	34.9	8.4	12.6#



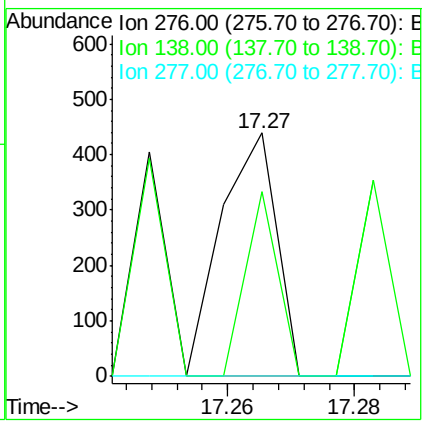


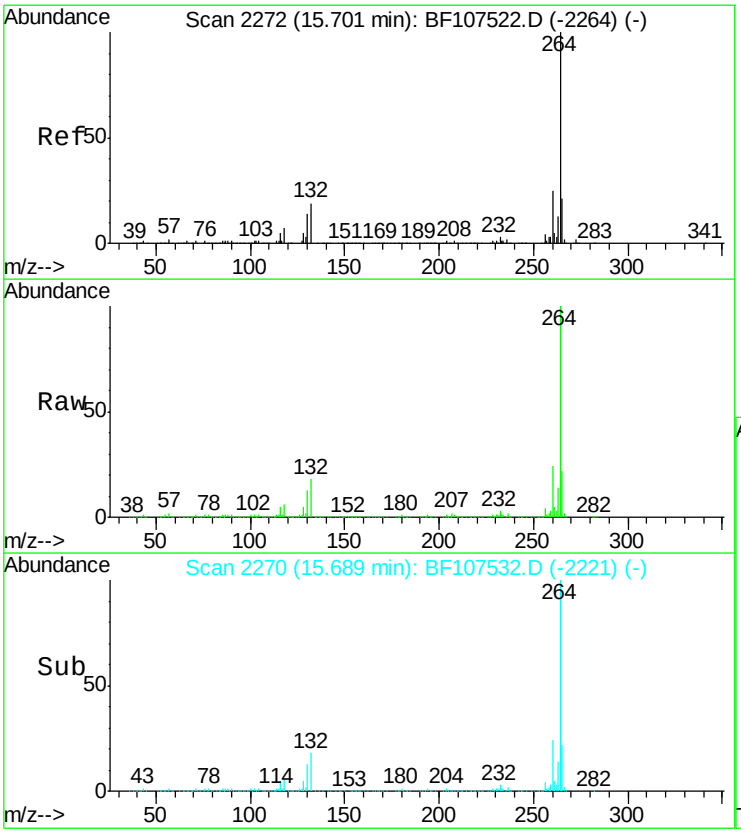
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:276 Resp: 264

Ion	Ratio	Lower	Upper
276	100		
138	44.3	25.0	37.6#
277	0.0	20.1	30.1#

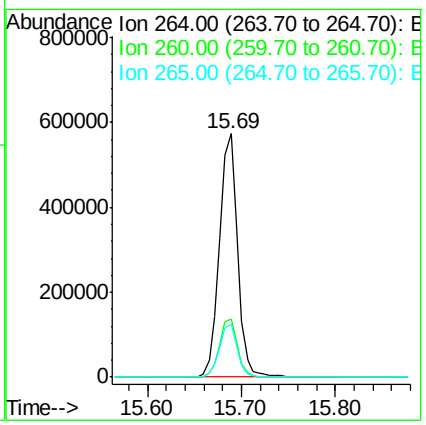


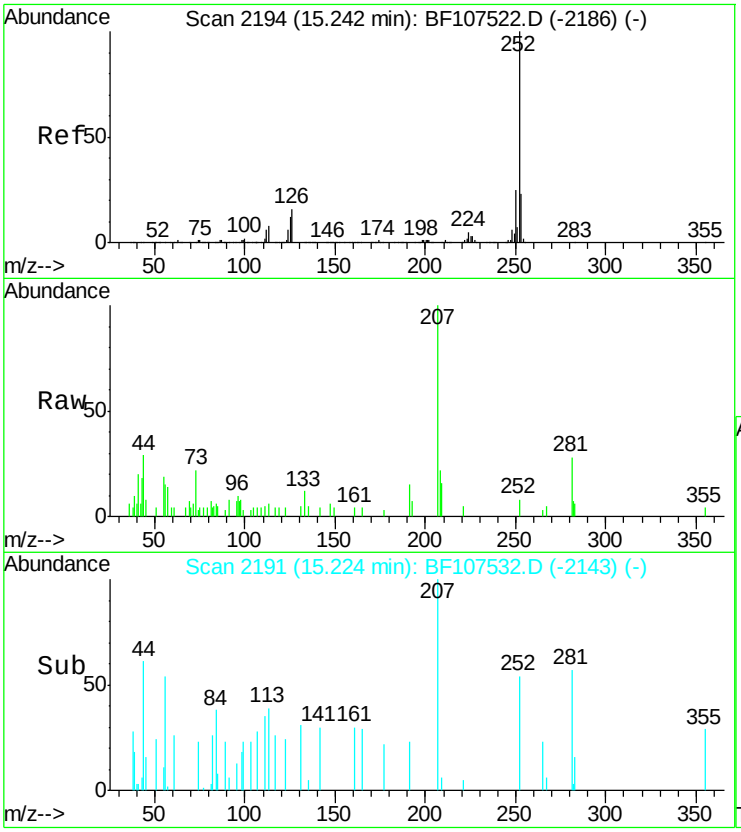


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:264 Resp: 778683

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3



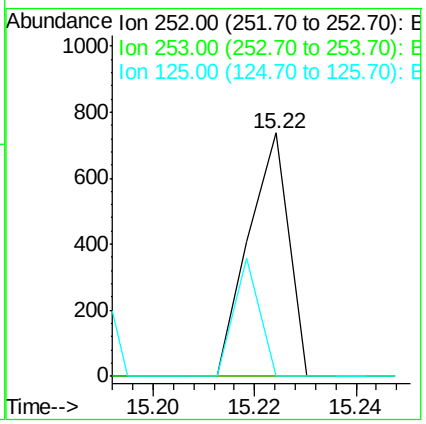


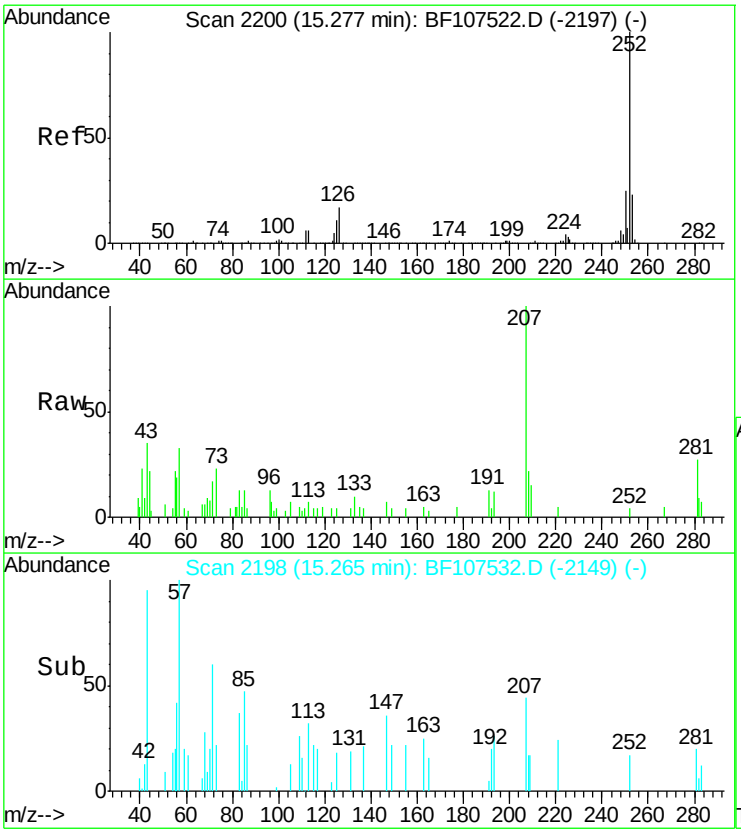
#87
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:252 Resp: 405

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.0	13.6#

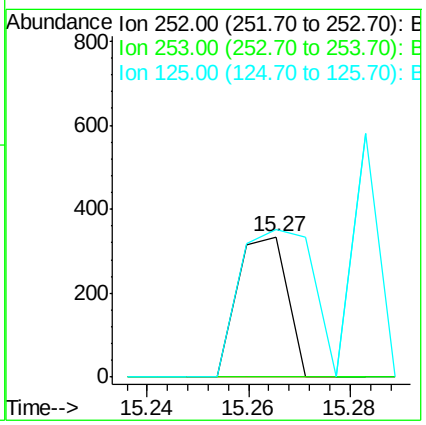


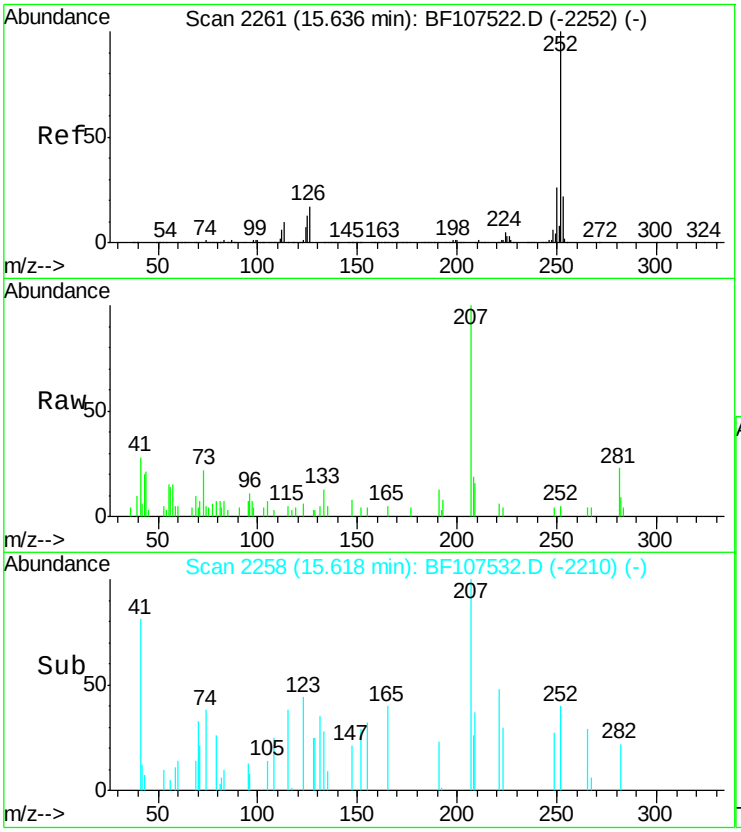


#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:252 Resp: 229

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	105.7	10.2	15.2#



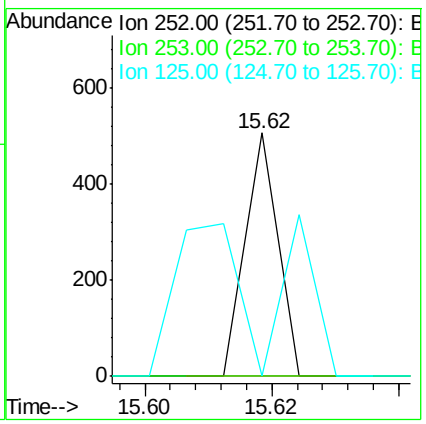


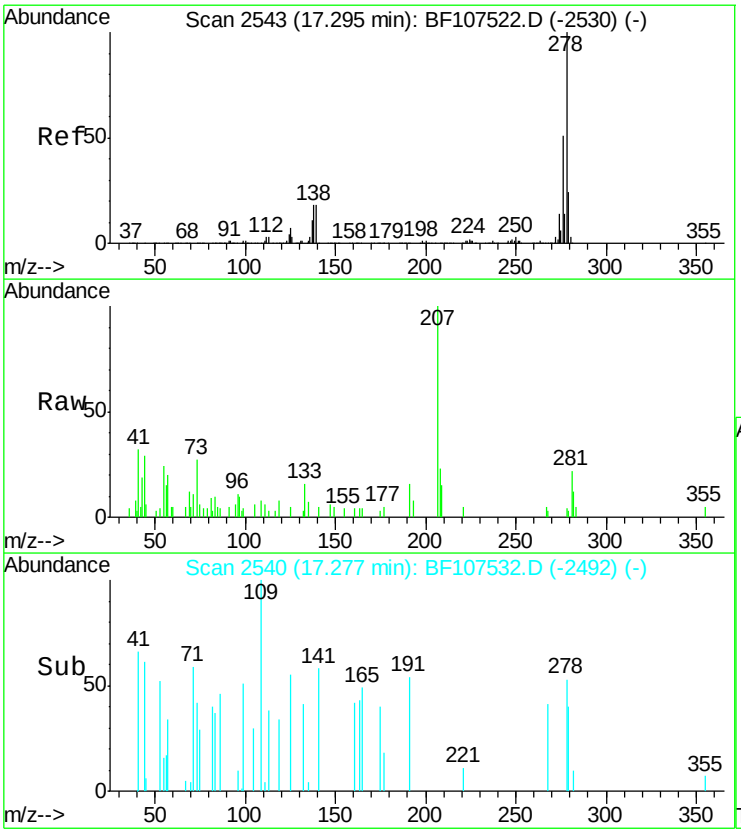
#89
Benzo(a)pyrene
Concen: 0.005 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:252 Resp: 179

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

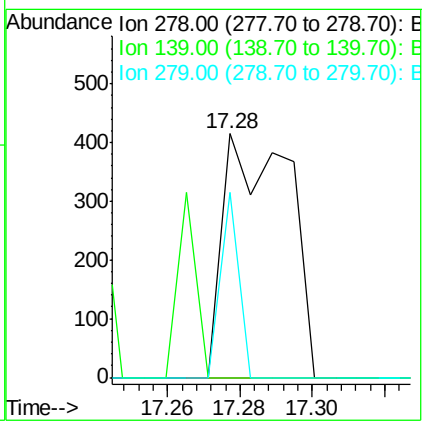


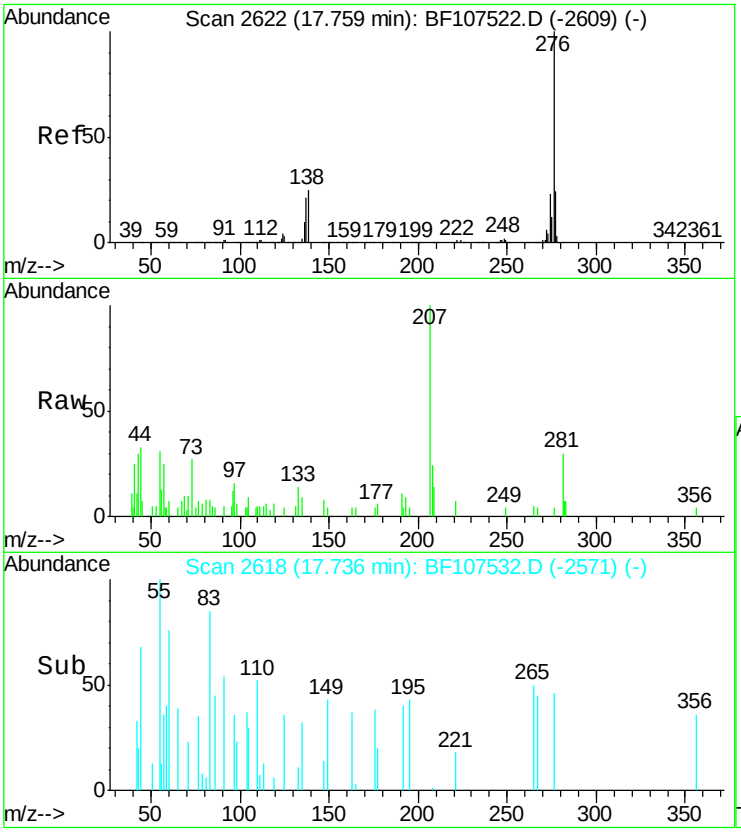


#90
Dibenzo(a,h)anthracene
Concen: 0.015 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Tgt Ion:278 Resp: 521

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	75.9	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 0.015 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF107532.D
Acq: 20 Jul 2018 19:12

Instrument :
BNA_F
ClientSampleId :
PB111265BL

Tgt Ion:276 Resp: 487

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