Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Time: Dec 20 03:26:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172462	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	634954	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	308414	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	532402	20.00	ng	0.00
76) Chrysene-d12	14.04	240	440890	20.00	ng	-0.01
87) Perylene-d12	15.52	264	433482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	853893	84.39	ng	0.00
7) Phenol-d6	6.52	99	1109992	86.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	646322	59.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	284065	77.95	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1117957	52.84	ng	0.00
79) Terphenyl-d14	12.99	244	962266	41.39	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.45	42	110	0.018	ng	# 1
6) Aniline	6.53	93	2261	0.138	ng	# 1
8) 2-Chlorophenol	6.67	128	126	0.011	ng	# 1
9) Benzaldehyde	6.43	77	1085	0.123	ng	# 76
10) Phenol	6.53	94	91008	6.264	ng	94
11) bis(2-Chloroethyl)ether	6.66	93	1419	0.130	ng	# 1
12) 1,3-Dichlorobenzene	6.91	146	106	0.008	ng	# 26
13) 1,4-Dichlorobenzene	6.91	146	106	0.008	ng	# 24
14) 1,2-Dichlorobenzene	7.05	146	138	0.011	ng	# 1
15) Benzyl Alcohol	7.02	79	2593	0.254	ng	86
16) 2,2'-oxybis(1-Chloropropan	7.05	45	126	0.006	ng	# 1
17) 2-Methylphenol	7.13	107	264	0.029	ng	# 61
18) Hexachloroethane	7.47	117	537	0.121	ng	# 39
19) n-Nitroso-di-n-propylamine	7.45	70	86546	10.121	ng	# 80
20) 3+4-Methylphenols	7.28	107	857	0.076	ng	# 68
22) Acetophenone	7.29	105	1276	0.079	ng	# 75
24) Nitrobenzene	7.45	77	2500	0.219	ng	# 38
25) Isophorone	7.45	82	646308	33.374	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	115	0.013	ng	# 64
28) bis(2-Chloroethoxy)methane	8.07	93	113	0.009	ng	# 1
31) Naphthalene	8.19	128	16671	0.546	ng	97
32) Benzoic acid	7.95	122	146	0.024	ng	# 1
33) 4-Chloroaniline	8.19	127	2283	0.173	ng	# 44
35) Caprolactam	8.60	113	223	0.067	ng	# 12
36) 4-Chloro-3-methylphenol	8.73	107	227	0.023	ng	# 20
37) 2-Methylnaphthalene	8.89	142	8349	0.421	ng	96
38) 1-Methylnaphthalene	8.99	142	5452	0.286	ng	# 86
46) 1,1'-Biphenyl	9.35	154	3832	0.147	ng	94
47) 2-Chloronaphthalene	9.63	162	460	0.022	ng	# 1
48) 2-Nitroaniline	9.51	65	141	0.026	ng	# 6
49) Acenaphthylene	9.79	152	1284	0.043	ng	# 72
50) Dimethylphthalate	9.64	163	94296	4.181	ng	98
51) 2,6-Dinitrotoluene	9.93	165	39265	8.731	ng	# 29
52) Acenaphthene	9.96	154	5050	0.272	ng	90

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLUDGE

Quant Time: Dec 20 03:26:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibenzofuran	10.13	168	4727	0.168	ng	#	96
56) 4-Nitrophenol	10.13	139	1844	0.504	ng	#	18
57) 2,4-Dinitrotoluene	9.93	165	39265	7.265	ng	#	25
58) Fluorene	10.47	166	4330	0.214	ng		85
60) Diethylphthalate	10.34	149	1401	0.063	ng	#	70
62) 4-Nitroaniline	10.40	138	109	0.023	ng	#	23
63) Azobenzene	10.63	77	1912	0.086	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.71	198	549	6.908	ng	#	1
66) n-Nitrosodiphenylamine	10.84	169	1644	0.092	ng		87
67) 4-Bromophenyl-phenylether	10.71	248	17162	2.599	ng	#	1
71) Phenanthrene	11.43	178	32181	1.140	ng		95
72) Anthracene	11.48	178	7394	0.261	ng		95
73) Carbazole	11.63	167	3408	0.124	ng		93
74) Di-n-butylphthalate	11.97	149	2646	0.086	ng	#	75
75) Fluoranthene	12.62	202	36118	1.263	ng		95
77) Benzidine	12.99	184	12226	0.737	ng		96
78) Pyrene	12.85	202	43037	1.382	ng		97
80) Butylbenzylphthalate	13.46	149	799	0.063	ng	#	3
81) Benzo(a)anthracene	14.03	228	22111	0.879	ng	#	89
82) 3,3'-Dichlorobenzidine	14.00	252	134	0.013	ng	#	1
83) Chrysene	14.06	228	23883	0.966	ng	#	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	5067	0.317	ng	#	92
85) Di-n-octyl phthalate	14.64	149	812	0.033	ng	#	69
86) Indeno(1,2,3-cd)pyrene	16.97	276	8600	0.409	ng	#	89
88) Benzo(b)fluoranthene	15.08	252	32470	1.282	ng		92
89) Benzo(k)fluoranthene	15.08	252	32470	1.346	ng	#	91
90) Benzo(a)pyrene	15.44	252	17674	0.768	ng	#	89
91) Dibenzo(a,h)anthracene	17.00	278	3035	0.151	ng	#	64
92) Benzo(g,h,i)perylene	17.42	276	8005	0.407	ng	#	90

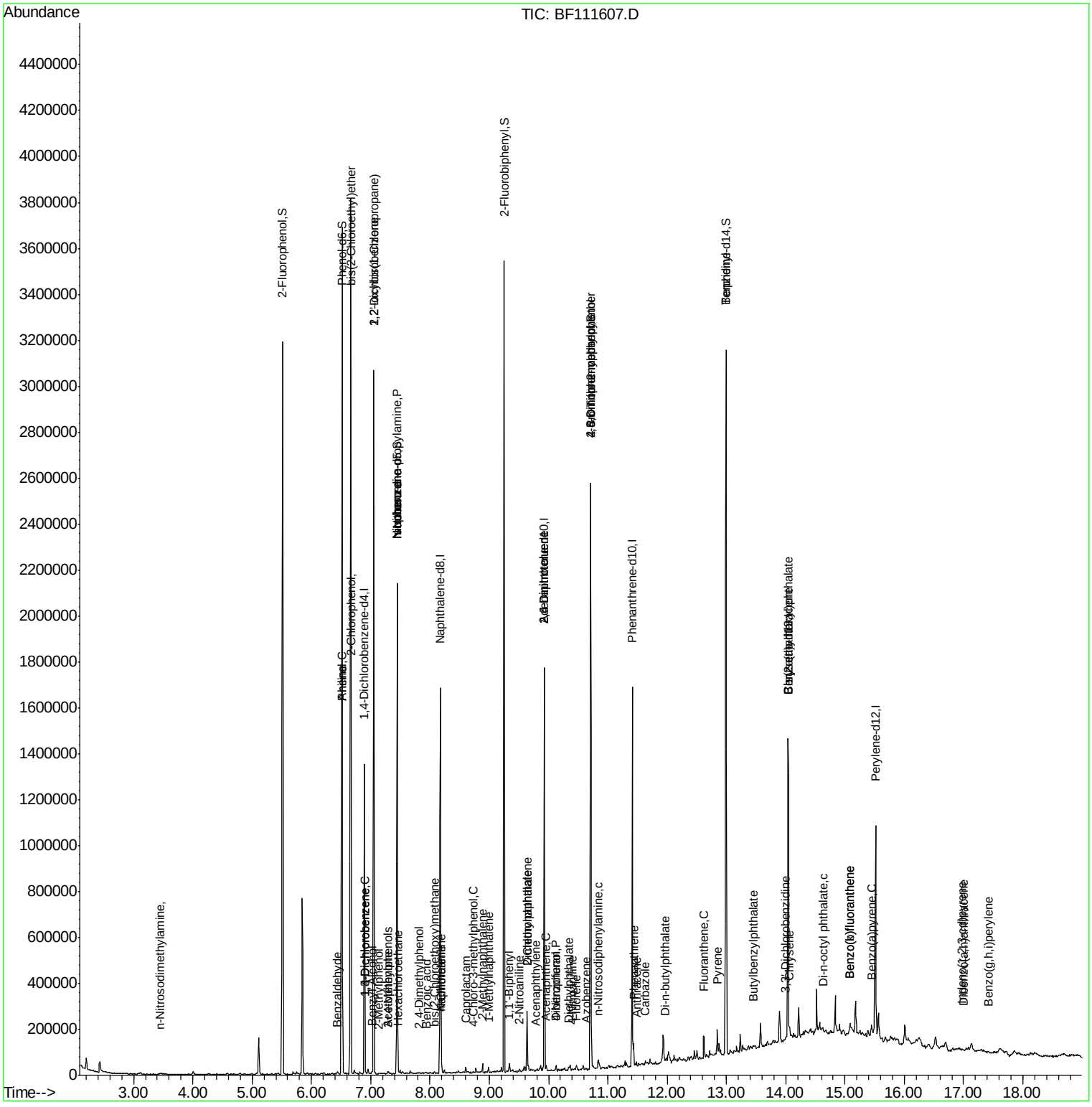
(#) = qualifier out of range (m) = manual integration (+) = signals summed

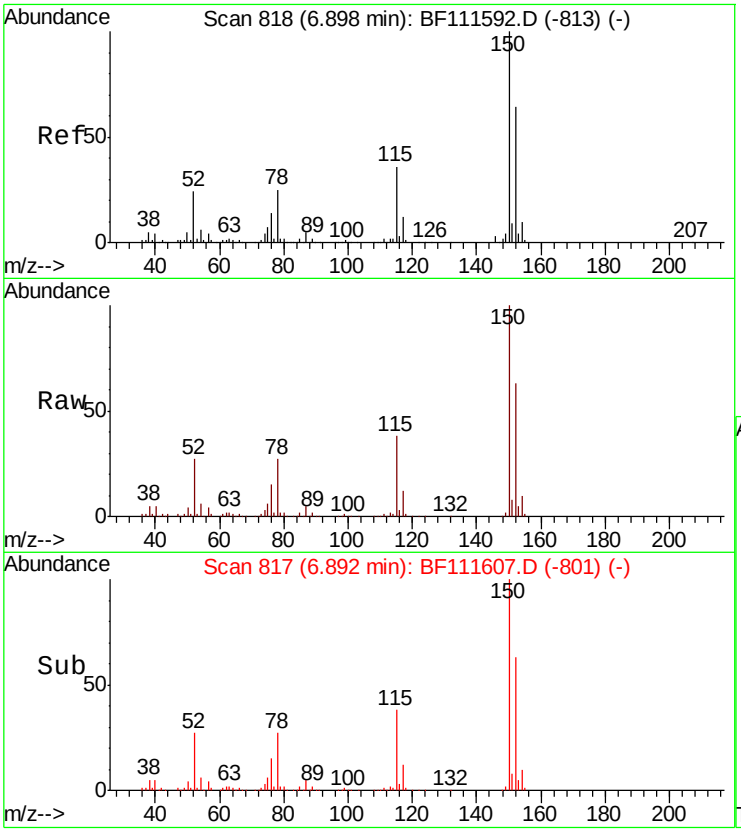
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111607.D
Acq On : 19 Dec 2018 23:06
Operator : JU/SJ
Sample : J6475-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Quant Time: Dec 20 03:26:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



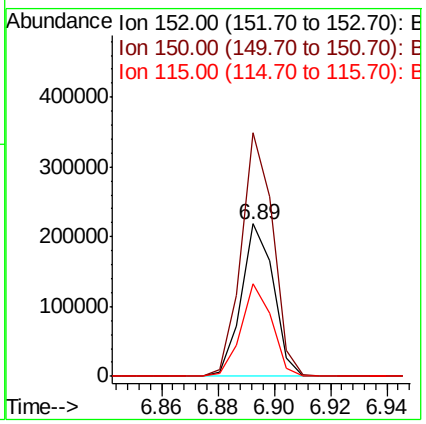


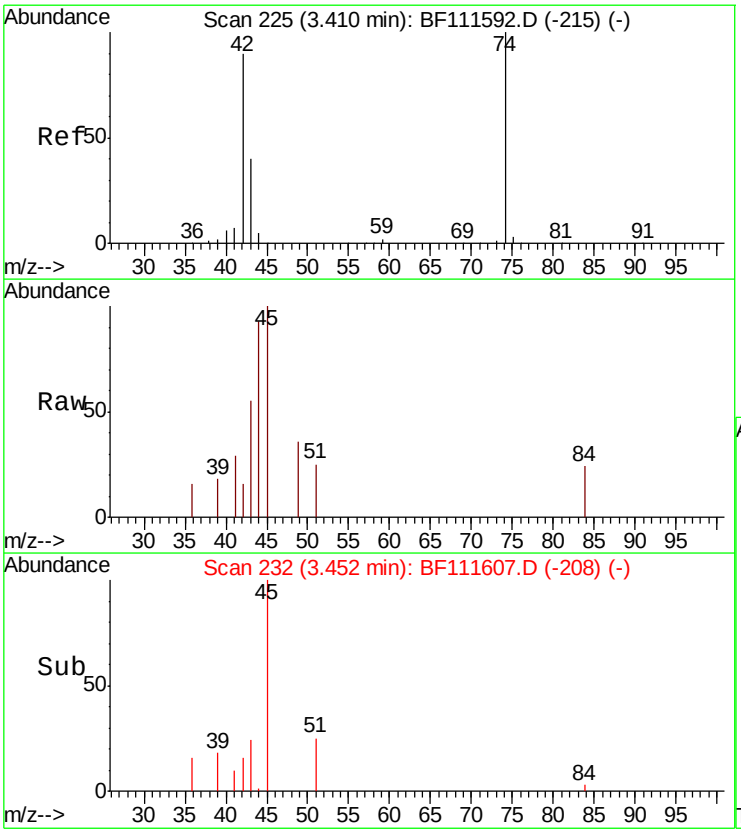
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:152 Resp: 172462

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	189.8
115	60.3	50.7	76.1

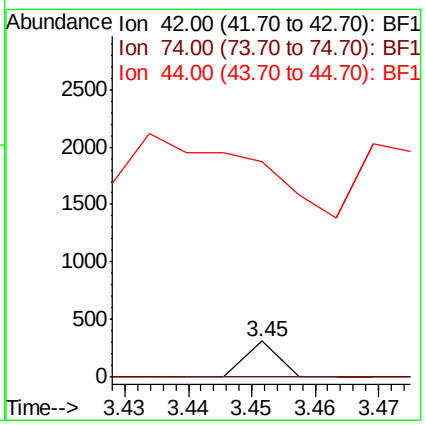


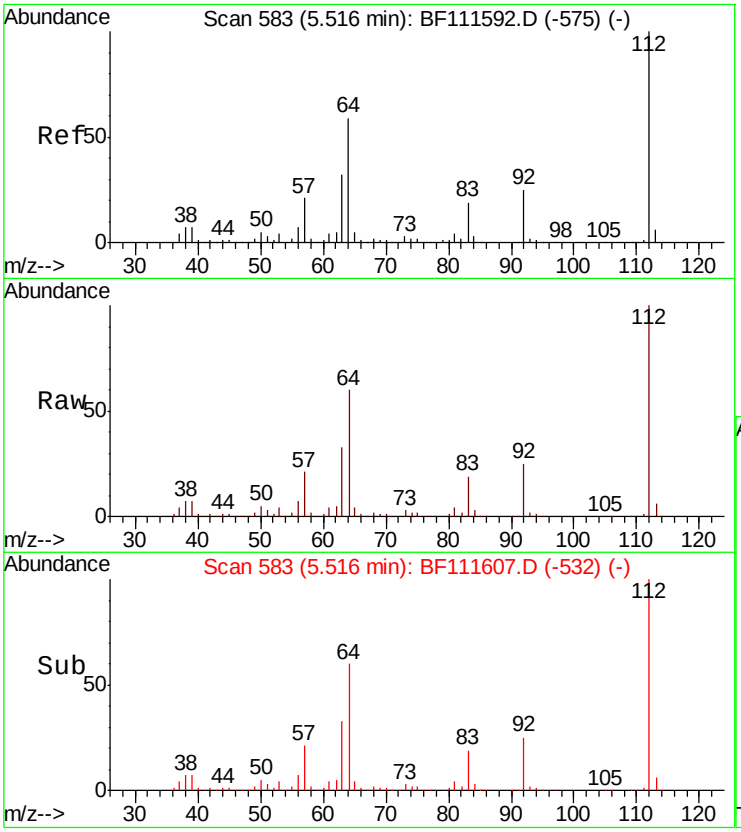


#4
n-Nitrosodimethylamine
Concen: 0.018 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.04 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 42 Resp: 110

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	601.0	6.0	9.0#



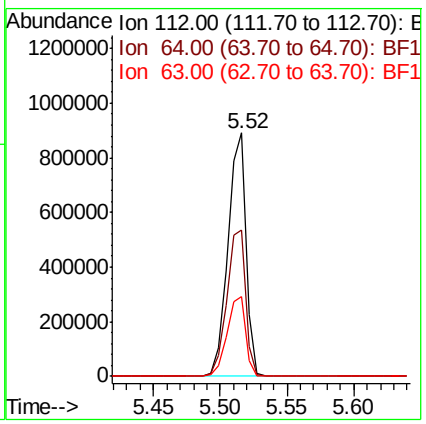


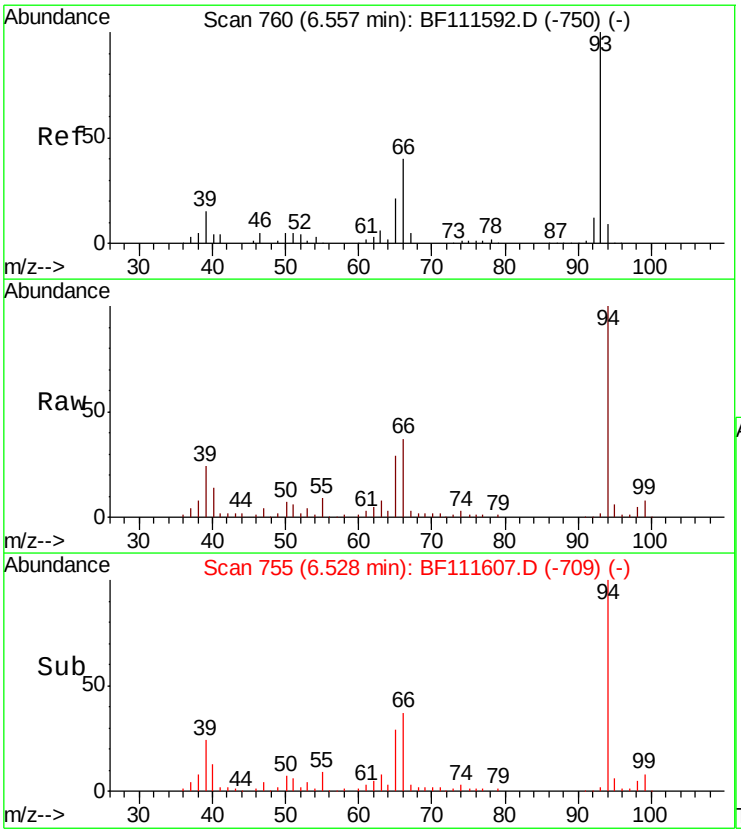
#5
2-Fluorophenol
Concen: 84.395 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:112 Resp: 853893

Ion	Ratio	Lower	Upper
112	100		
64	59.9	51.8	77.6
63	32.8	26.8	40.2

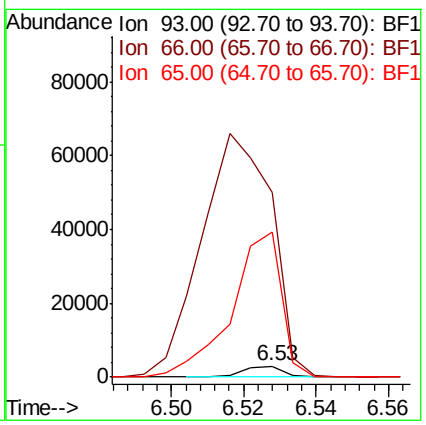


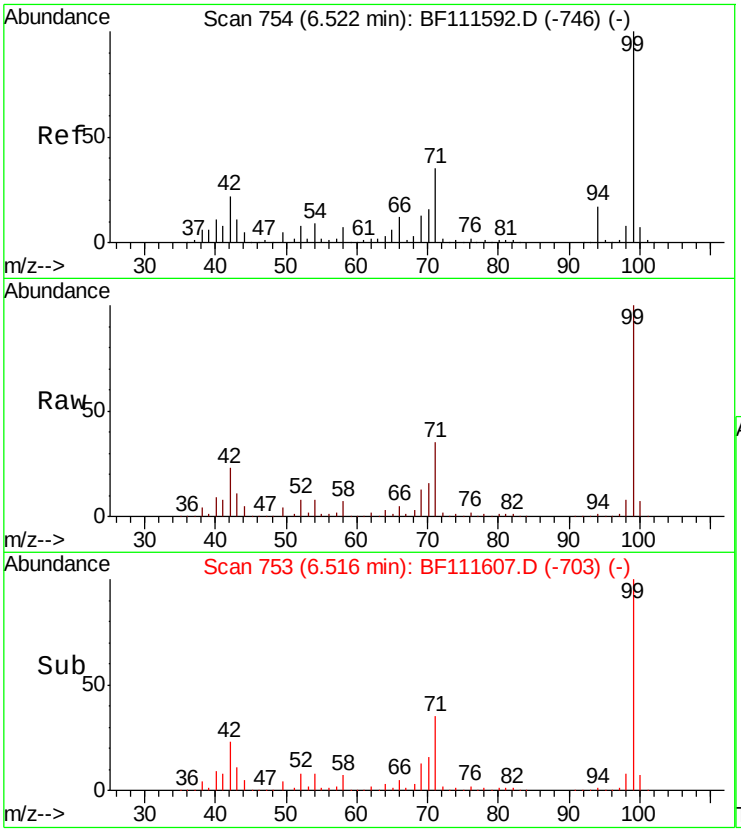


#6
Aniline
Concen: 0.138 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 93 Resp: 2261

Ion	Ratio	Lower	Upper
93	100		
66	1654.9	33.2	49.8#
65	1292.9	17.0	25.4#



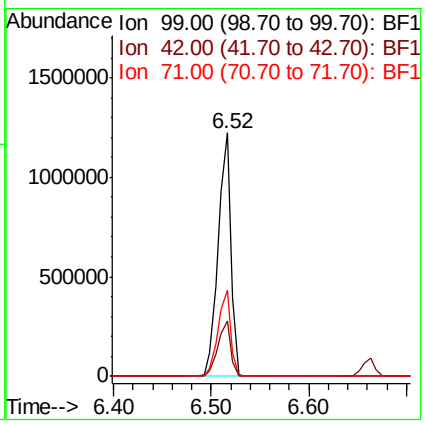


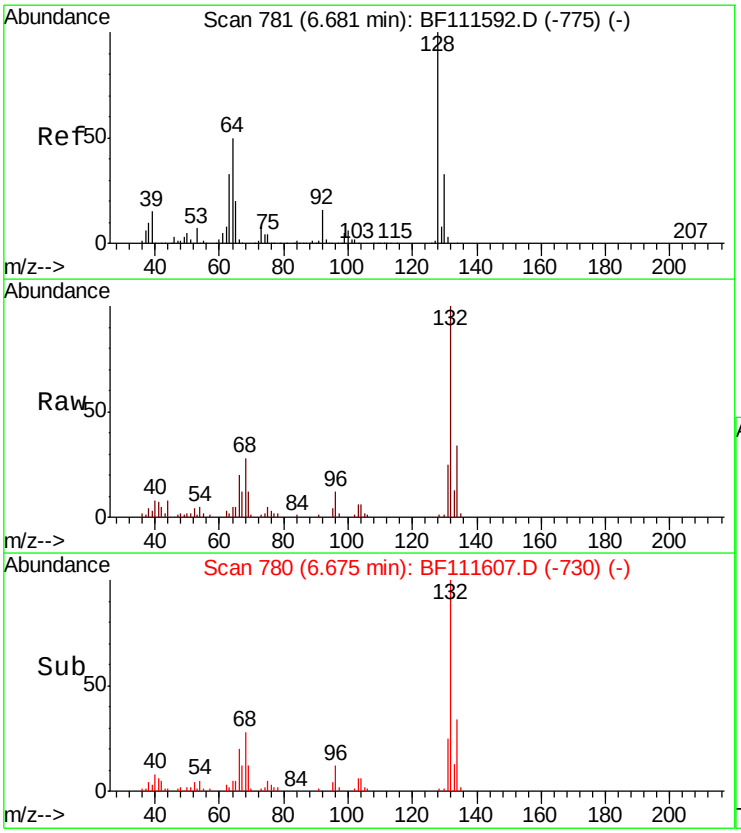
#7
Phenol-d6
Concen: 86.203 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 99 Resp: 1109992

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	35.2	26.1	39.1

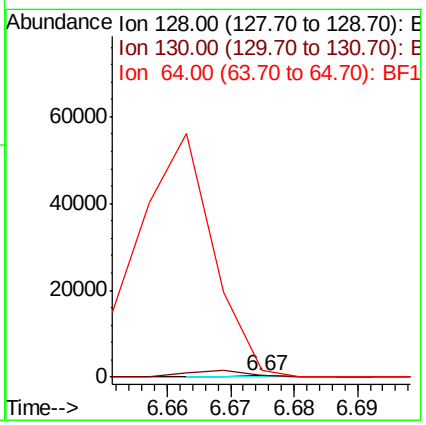


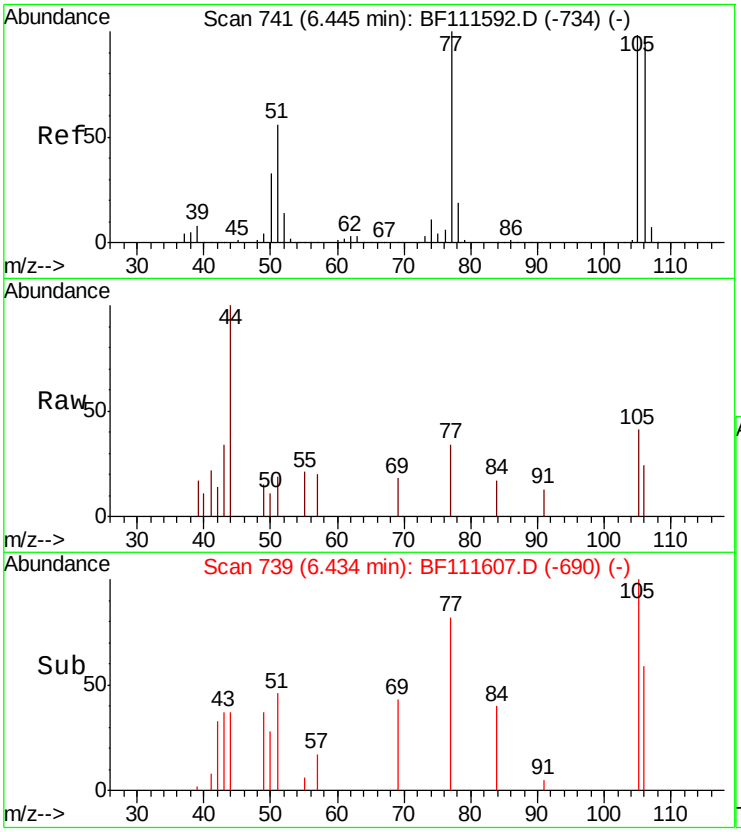


#8
2-Chlorophenol
Concen: 0.011 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:128 Resp: 126

Ion	Ratio	Lower	Upper
128	100		
130	142.4	12.7	52.7#
64	480.1	30.0	70.0#



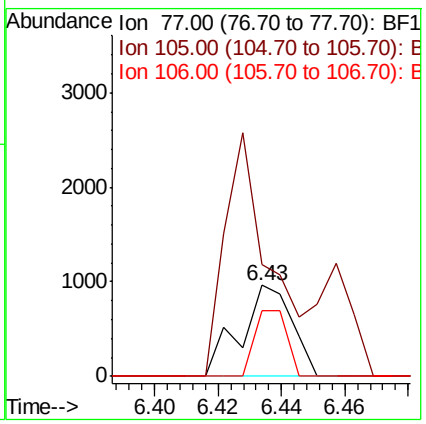


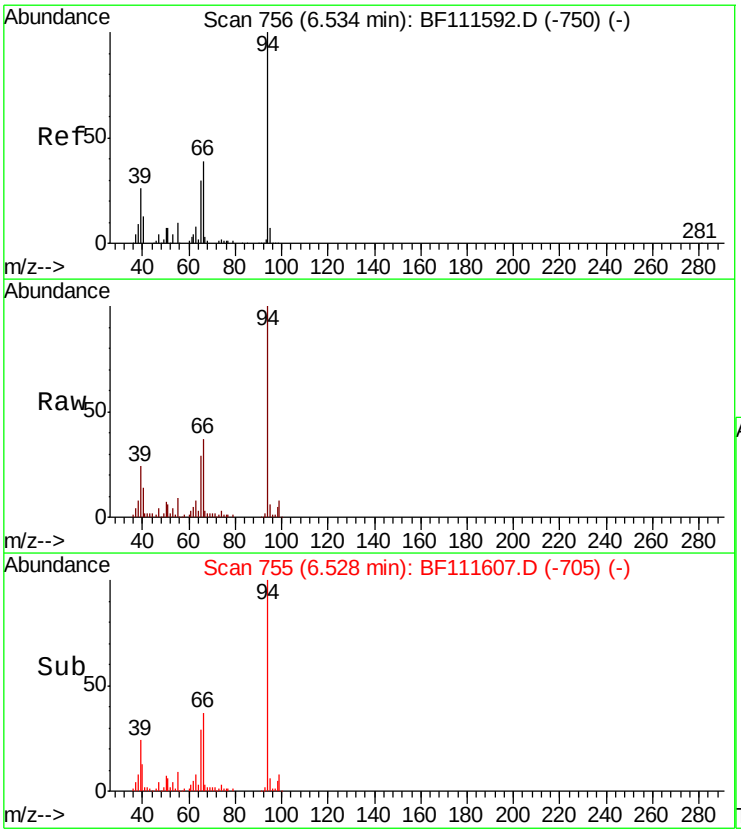
#9
Benzaldehyde
Concen: 0.123 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 77 Resp: 1085

Ion	Ratio	Lower	Upper
77	100		
105	122.4	81.4	121.4#
106	71.9	77.9	117.9#

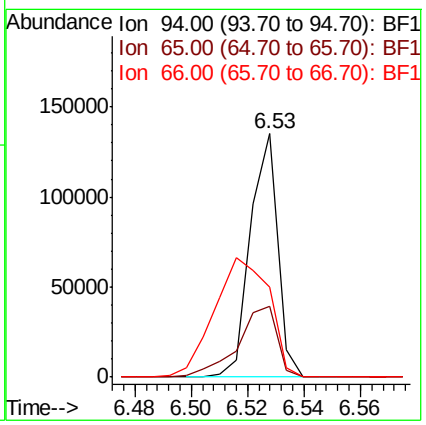


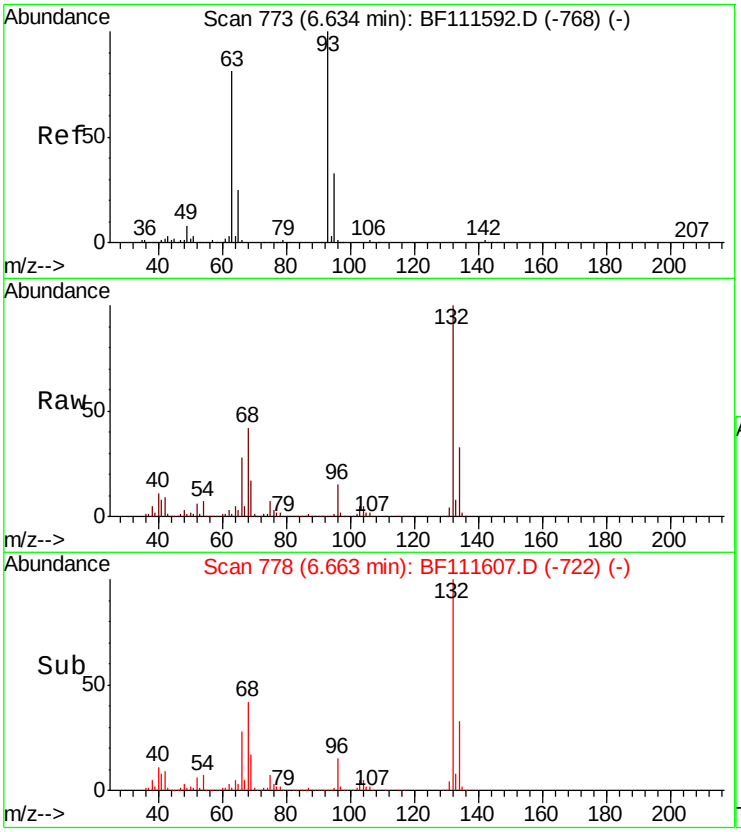


#10
Phenol
Concen: 6.264 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 94 Resp: 91008

Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.7	51.7
66	37.1	21.0	61.0



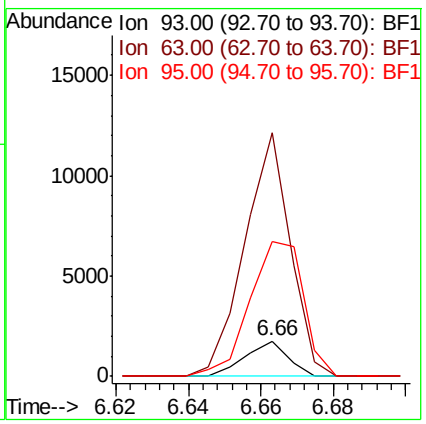


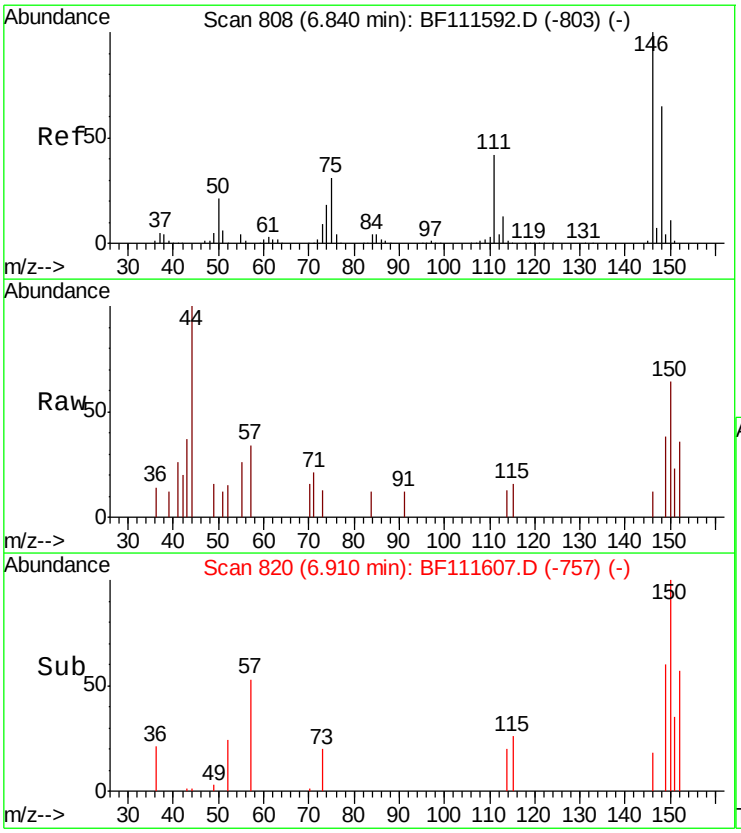
#11
bis(2-Chloroethyl)ether
Concen: 0.130 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 93 Resp: 1419

Ion	Ratio	Lower	Upper
93	100		
63	686.6	60.0	100.0#
95	381.6	13.4	53.4#

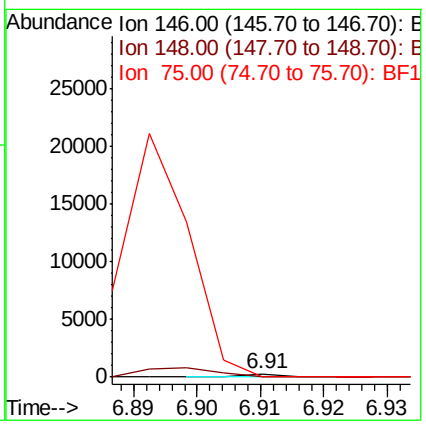


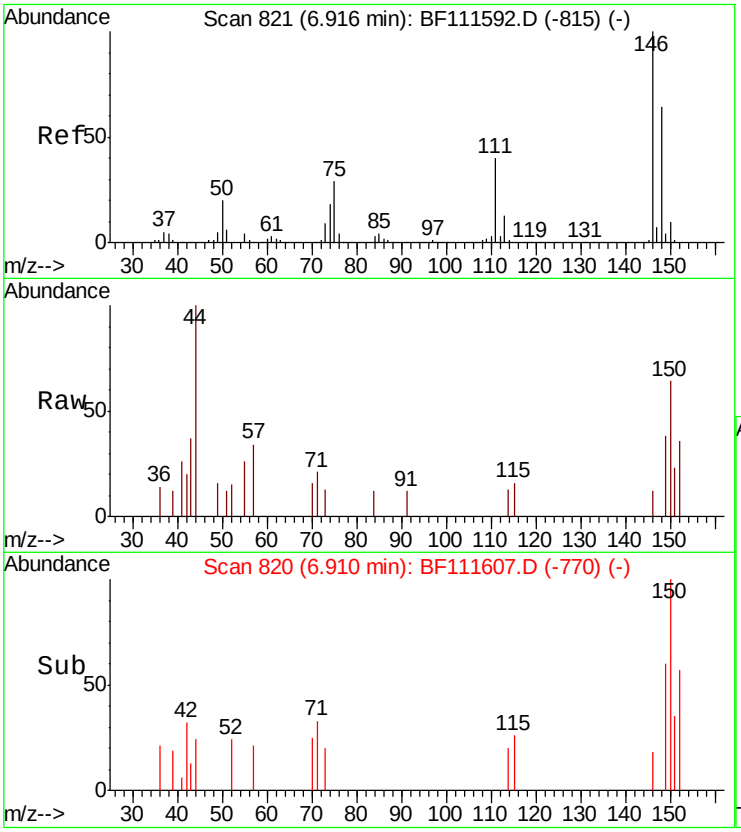


#12
1,3-Dichlorobenzene
Concen: 0.008 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.07 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.1	78.1#
75	0.0	23.9	35.9#



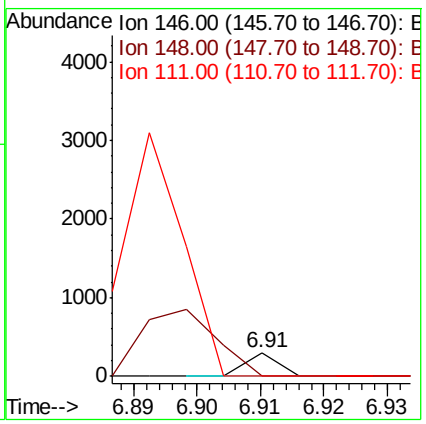


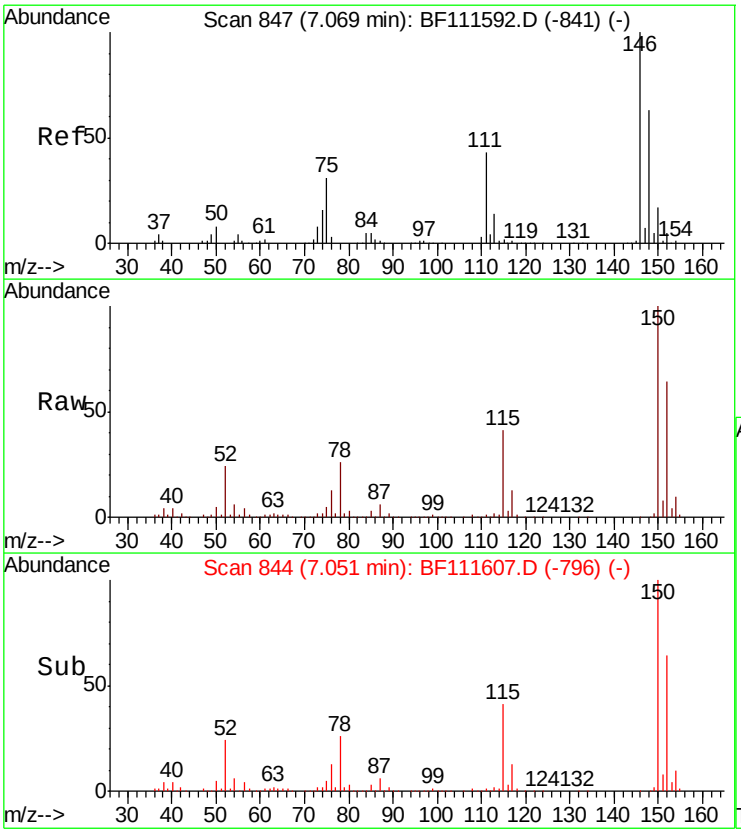
#13
1,4-Dichlorobenzene
Concen: 0.008 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	0.0	52.8	79.2#
111	0.0	33.4	50.0#

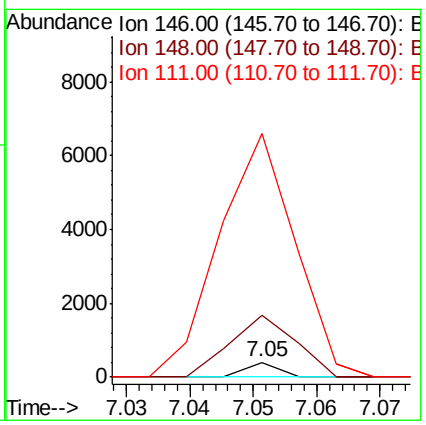


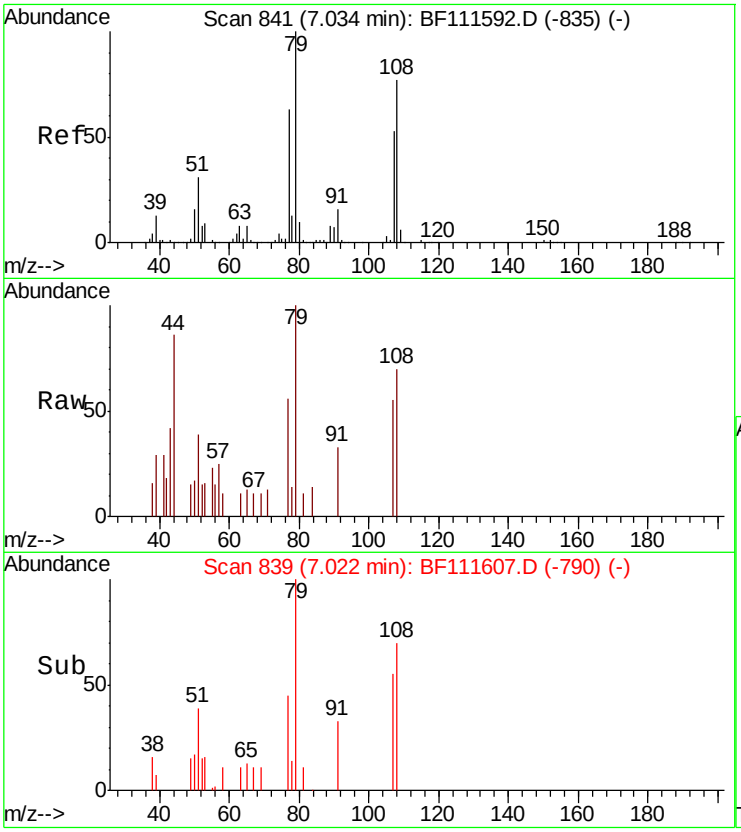


#14
1,2-Dichlorobenzene
Concen: 0.011 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:146 Resp: 138

Ion	Ratio	Lower	Upper
146	100		
148	431.6	51.9	77.9#
111	1683.2	36.2	54.4#



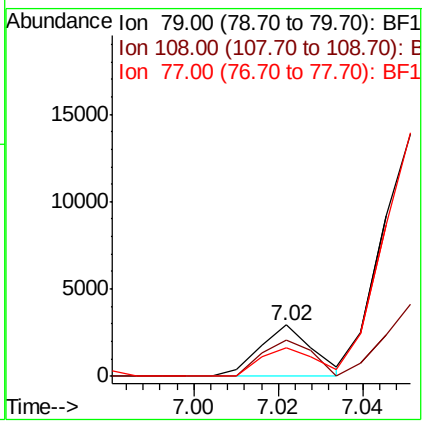


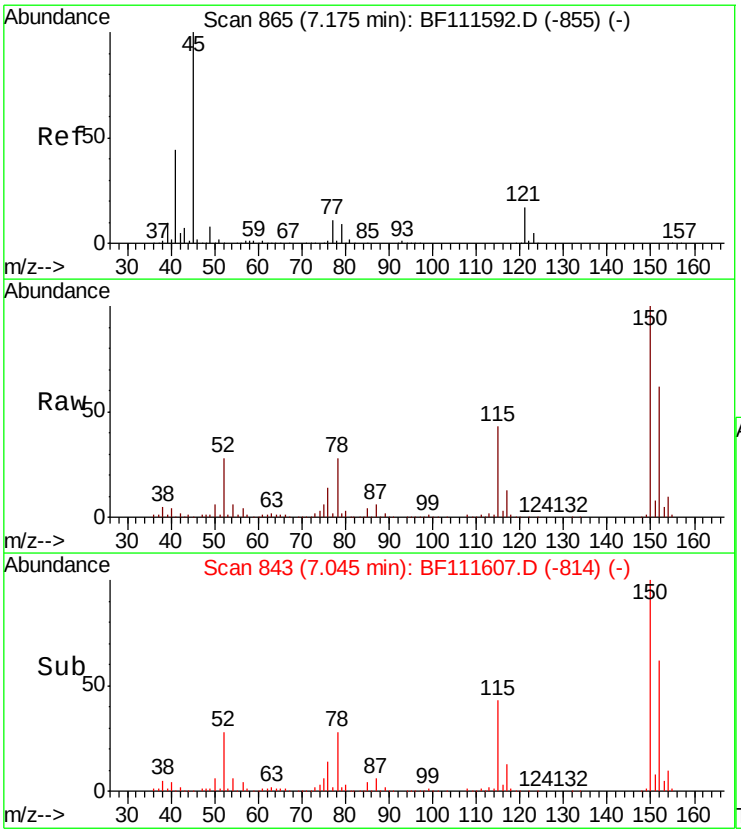
#15
Benzyl Alcohol
Concen: 0.254 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 79 Resp: 2593

Ion	Ratio	Lower	Upper
79	100		
108	70.3	69.4	104.2
77	56.4	49.7	74.5

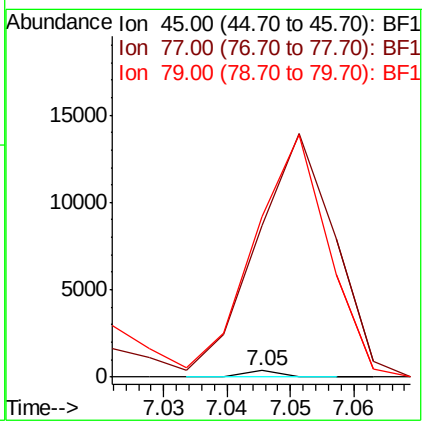


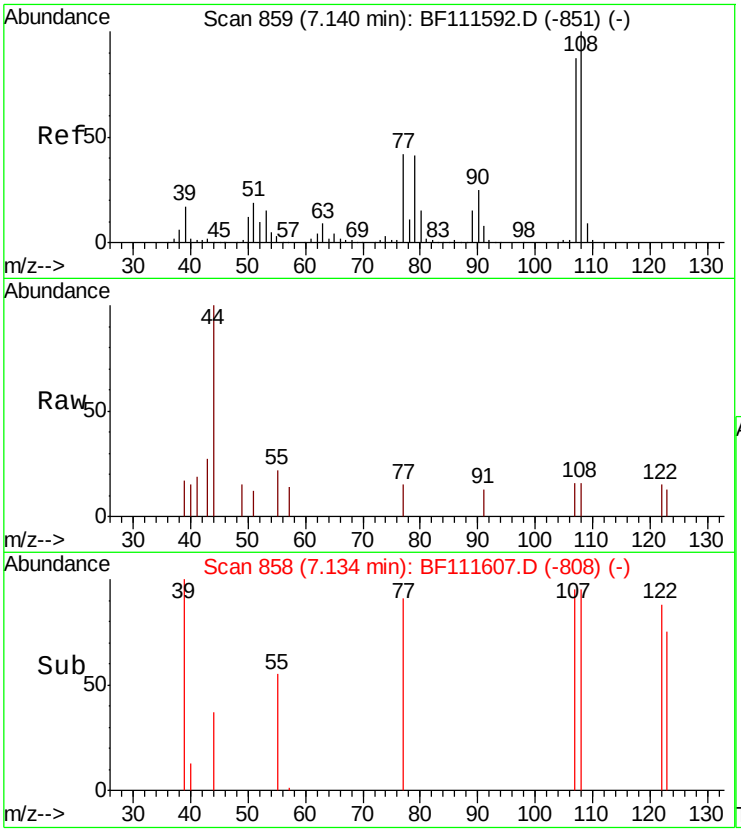


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.13 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 45 Resp: 126

Ion	Ratio	Lower	Upper
45	100		
77	2418.7	0.0	31.5#
79	2570.7	0.0	28.9#



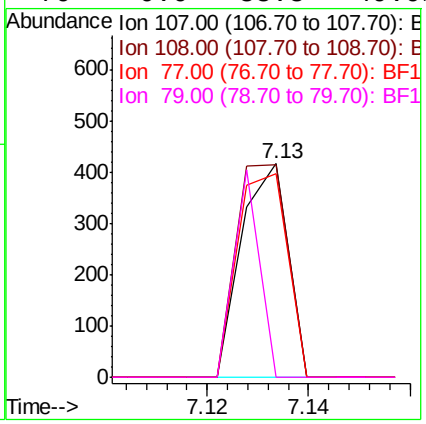


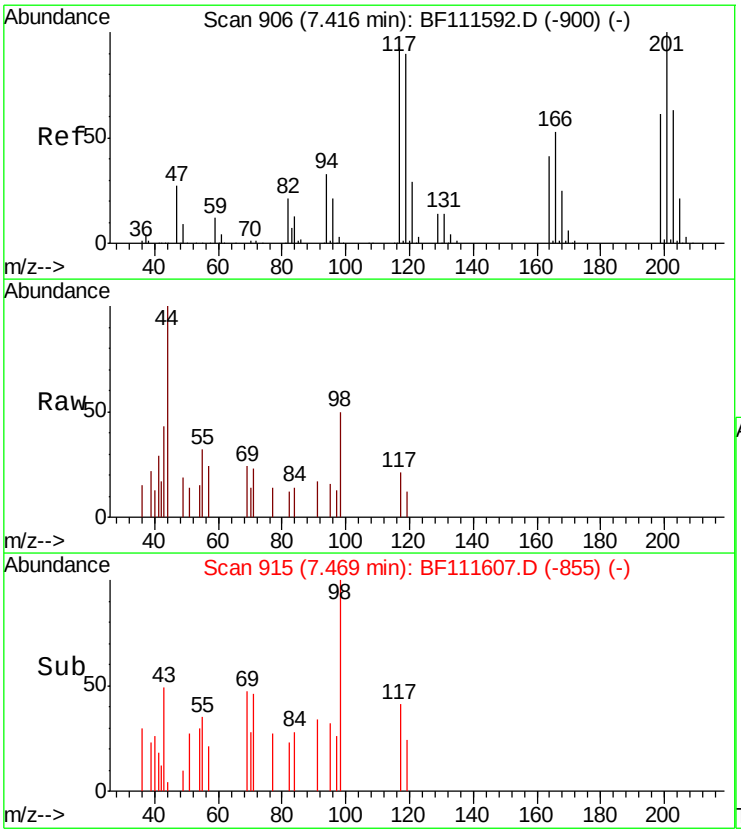
#17
2-Methylphenol
Concen: 0.029 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:107 Resp: 264

Ion	Ratio	Lower	Upper
107	100		
108	99.5	91.0	136.4
77	95.2	33.5	50.3#
79	0.0	33.3	49.9#

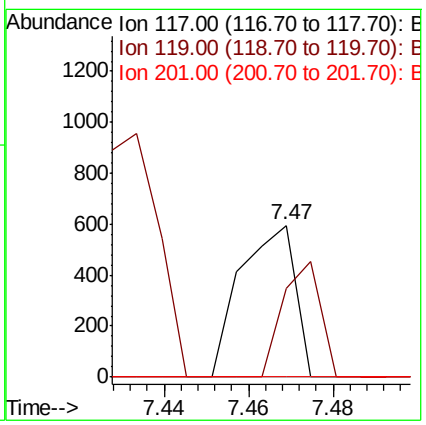


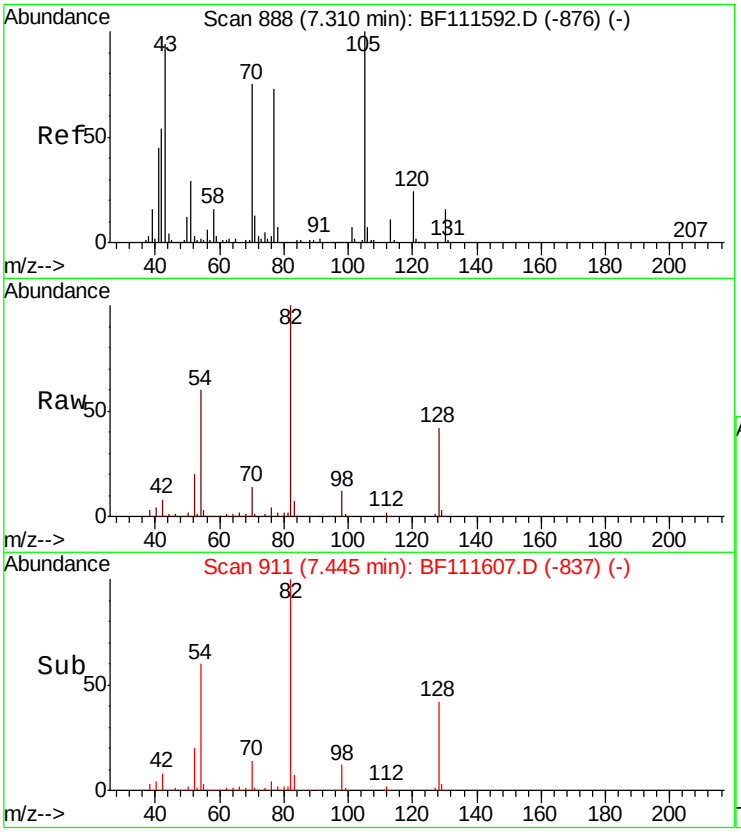


#18
Hexachloroethane
Concen: 0.121 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.05 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:117 Resp: 537

Ion	Ratio	Lower	Upper
117	100		
119	58.2	75.4	113.0#
201	0.0	62.4	93.6#



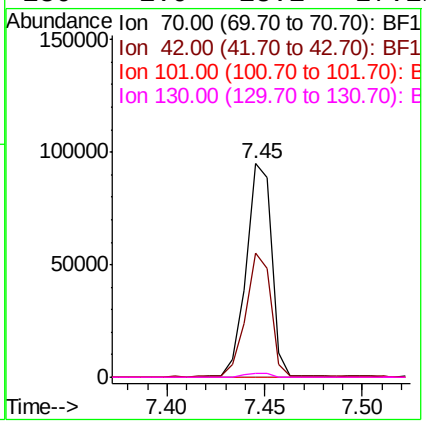


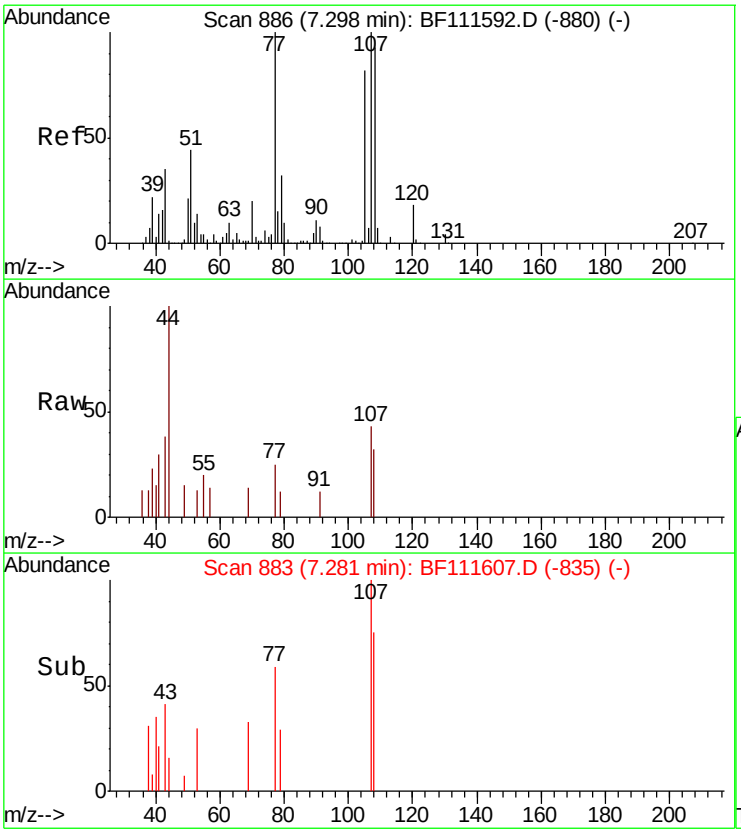
#19
n-Nitroso-di-n-propylamine
Concen: 10.121 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 70 Resp: 86546

Ion	Ratio	Lower	Upper
70	100		
42	58.0	53.2	79.8
101	0.0	8.2	12.4#
130	1.9	18.1	27.1#

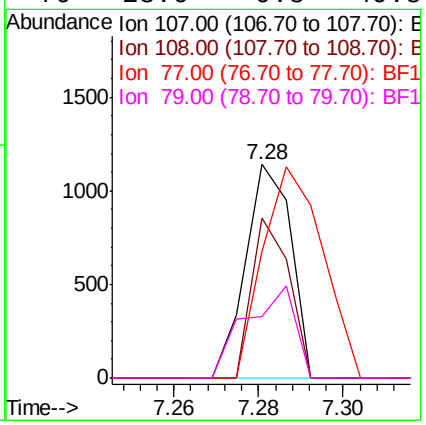


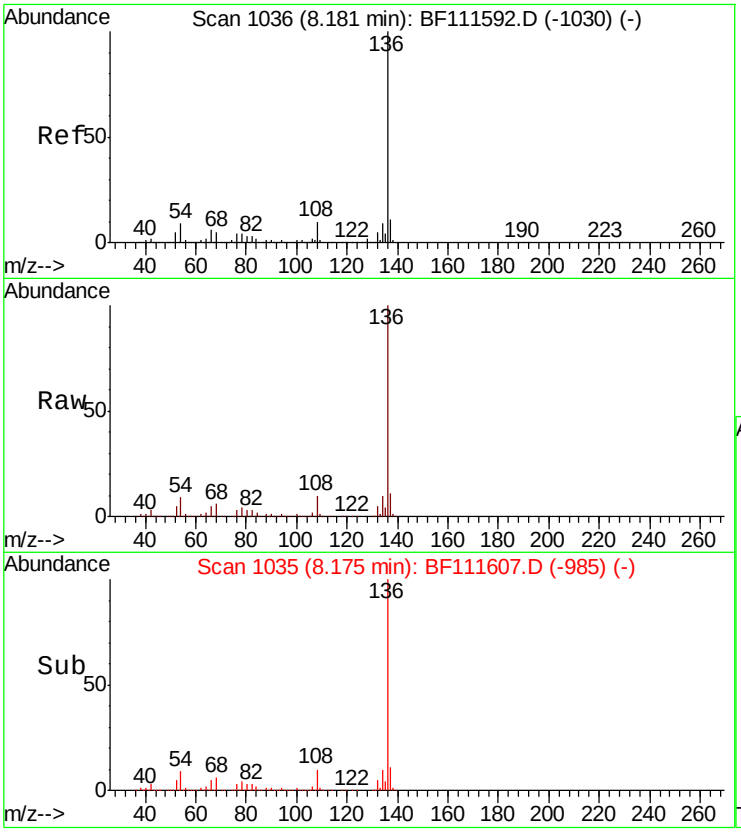


#20
3+4-Methylphenols
Concen: 0.076 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:107 Resp: 857

Ion	Ratio	Lower	Upper
107	100		
108	75.2	72.1	112.1
77	59.3	94.1	134.1#
79	28.6	9.8	49.8



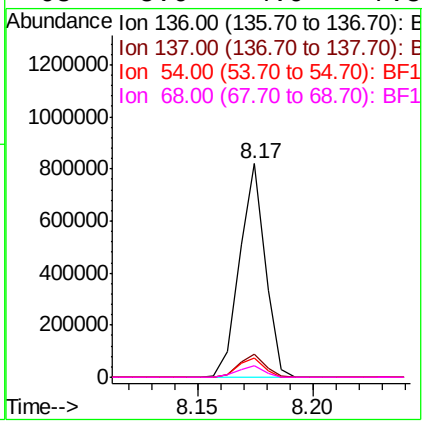


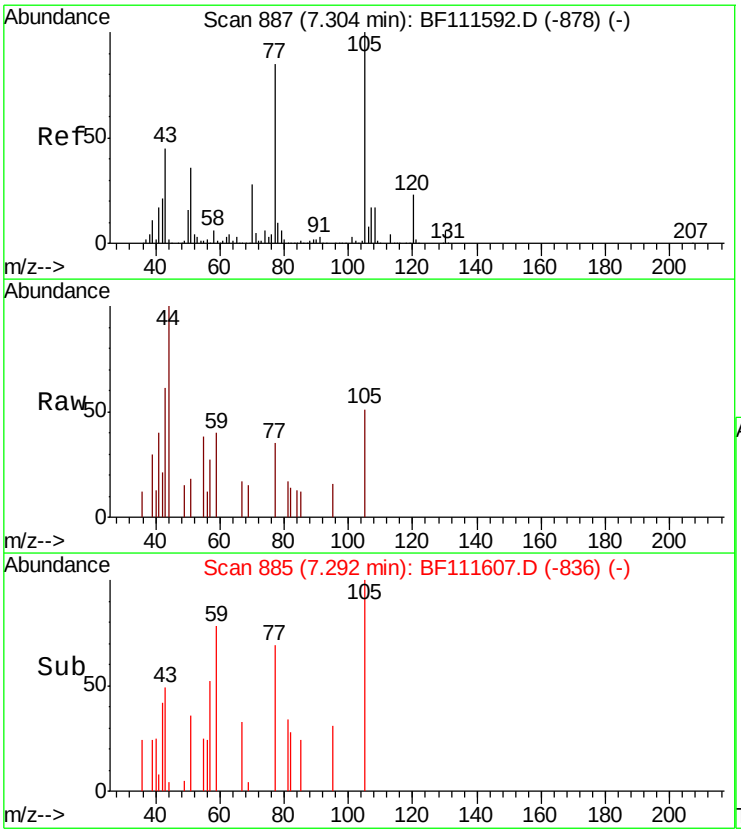
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:136 Resp: 634954

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	7.7	11.5
68	5.6	4.9	7.3

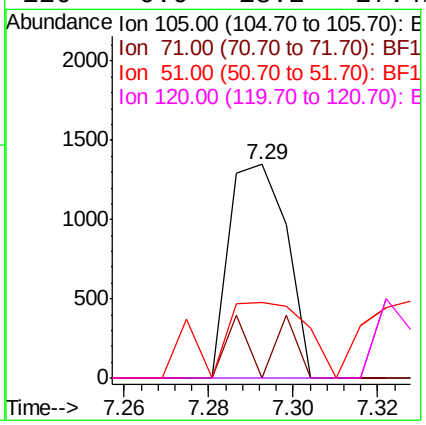


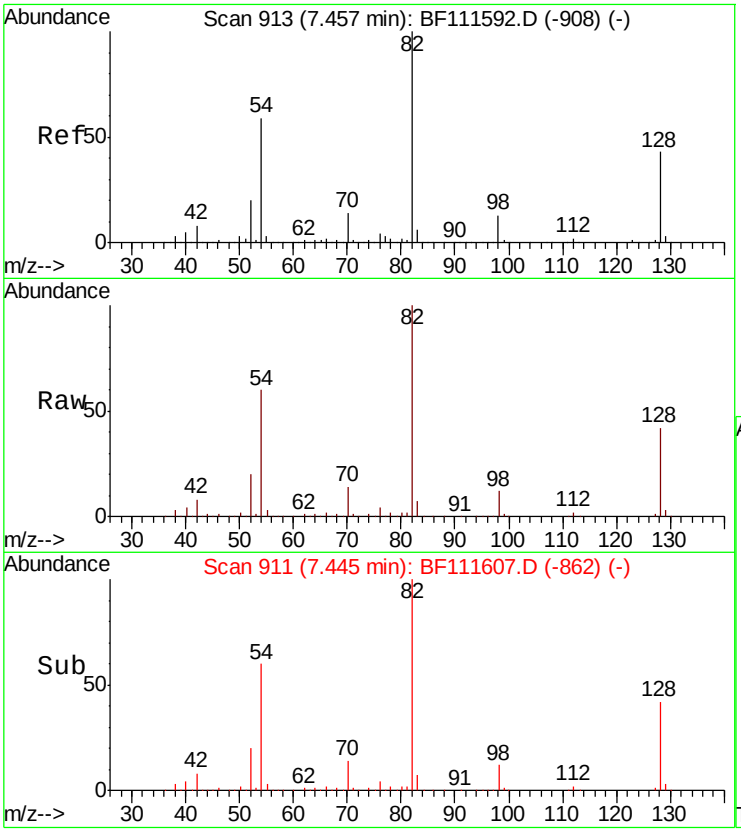


#22
Acetophenone
Concen: 0.079 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:105 Resp: 1276

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.1	4.7#
51	35.6	36.6	54.8#
120	0.0	18.2	27.4#



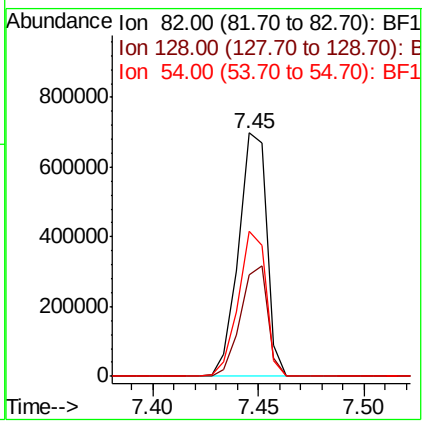


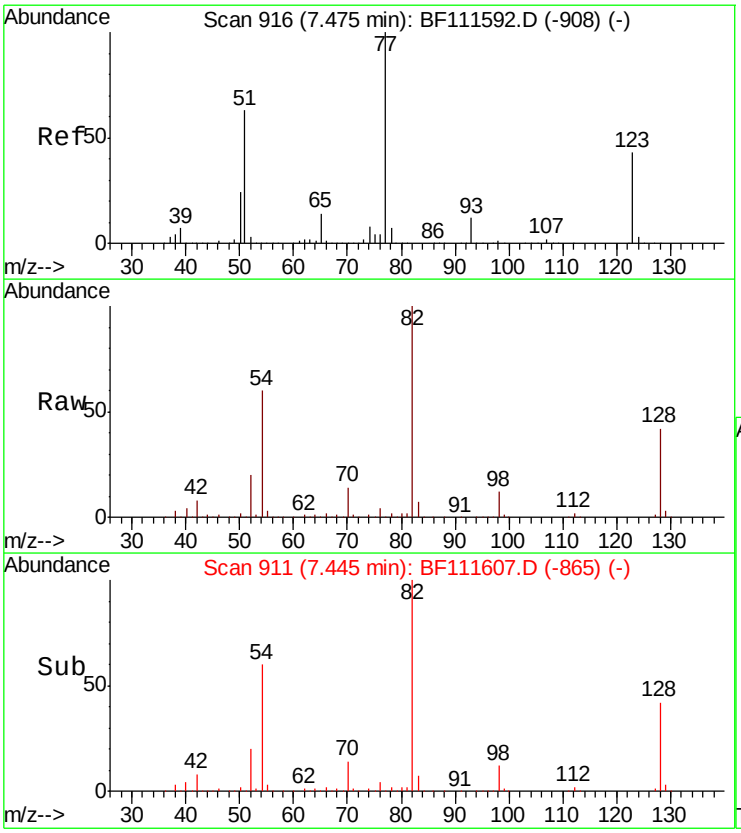
#23
Nitrobenzene-d5
Concen: 59.250 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 82 Resp: 646322

Ion	Ratio	Lower	Upper
82	100		
128	41.9	37.4	56.2
54	59.7	47.6	71.4

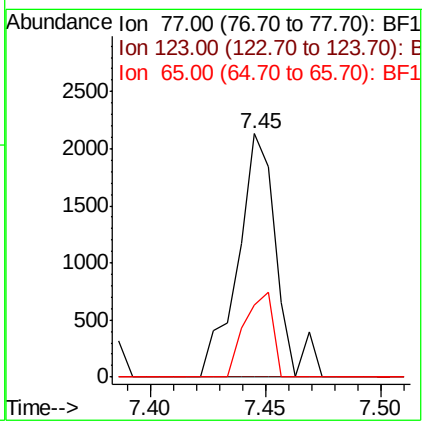


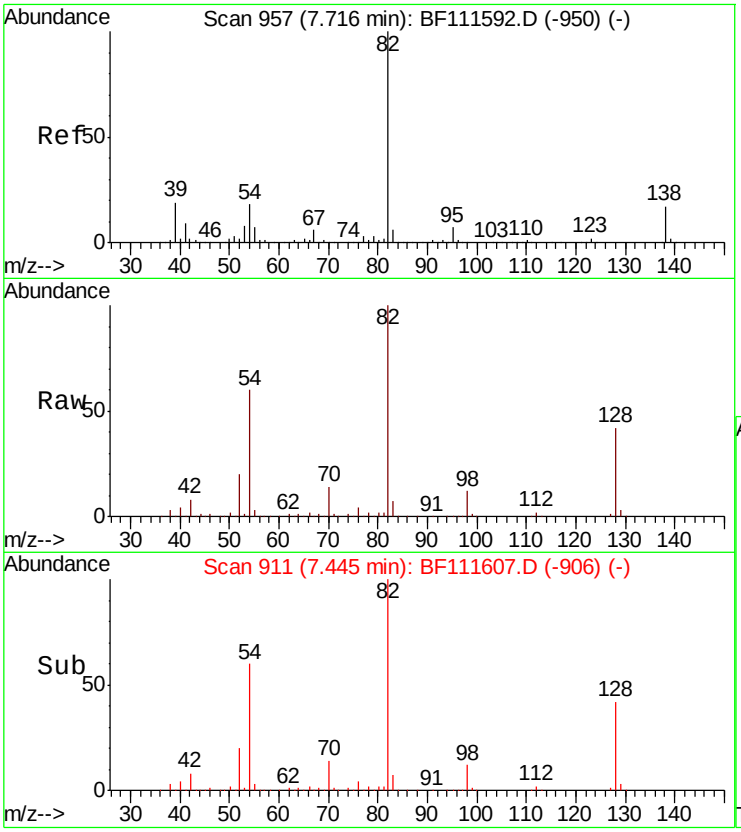


#24
Nitrobenzene
Concen: 0.219 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 77 Resp: 2500

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	29.4	11.5	17.3#



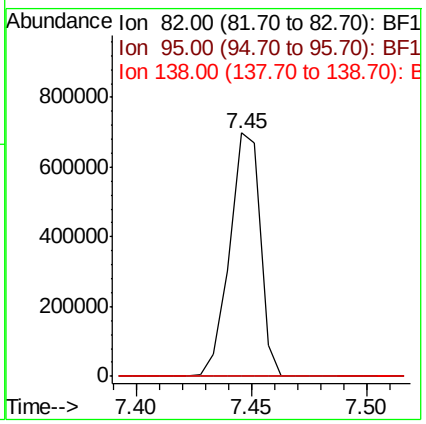


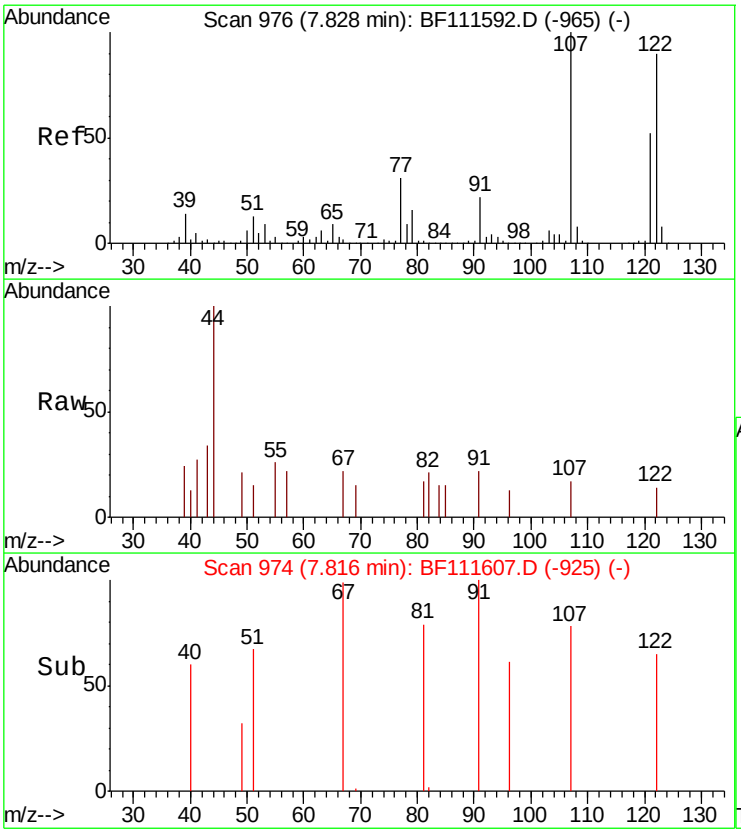
#25
Isophorone
Concen: 33.374 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 82 Resp: 646308

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.1	22.7#

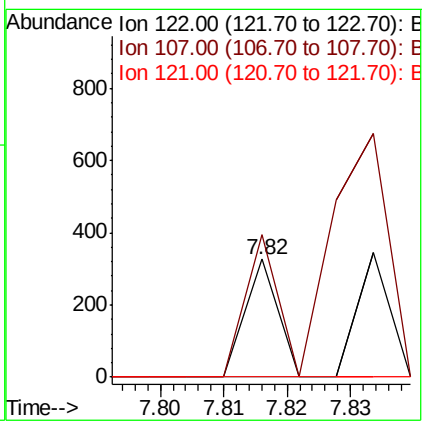


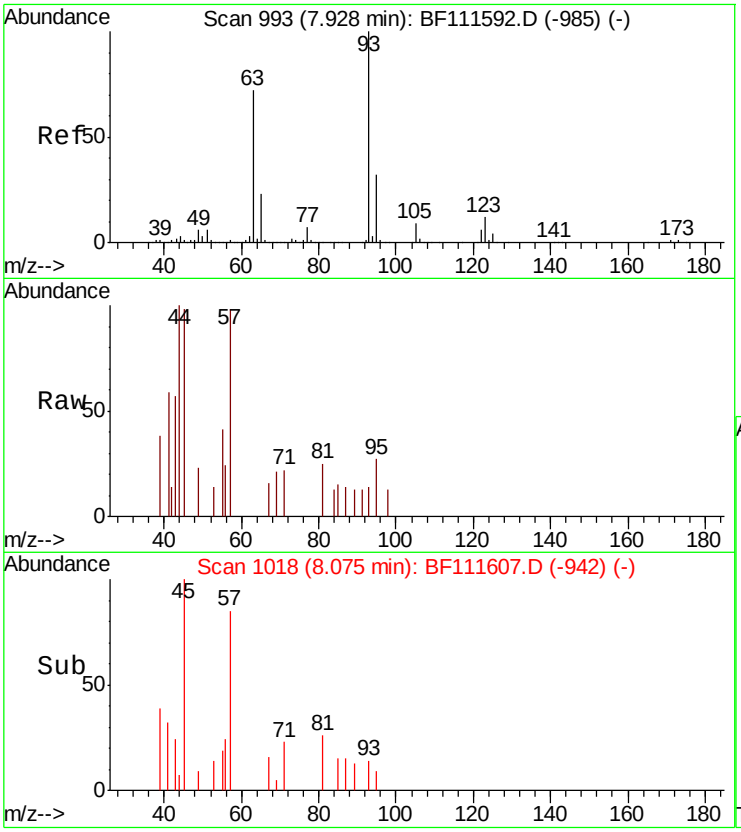


#27
2,4-Dimethylphenol
Concen: 0.013 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
107	120.9	85.5	128.3
121	0.0	46.6	70.0#



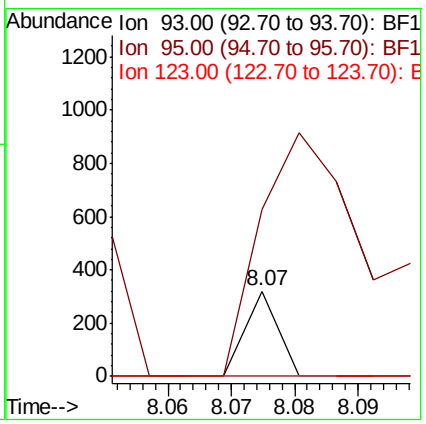


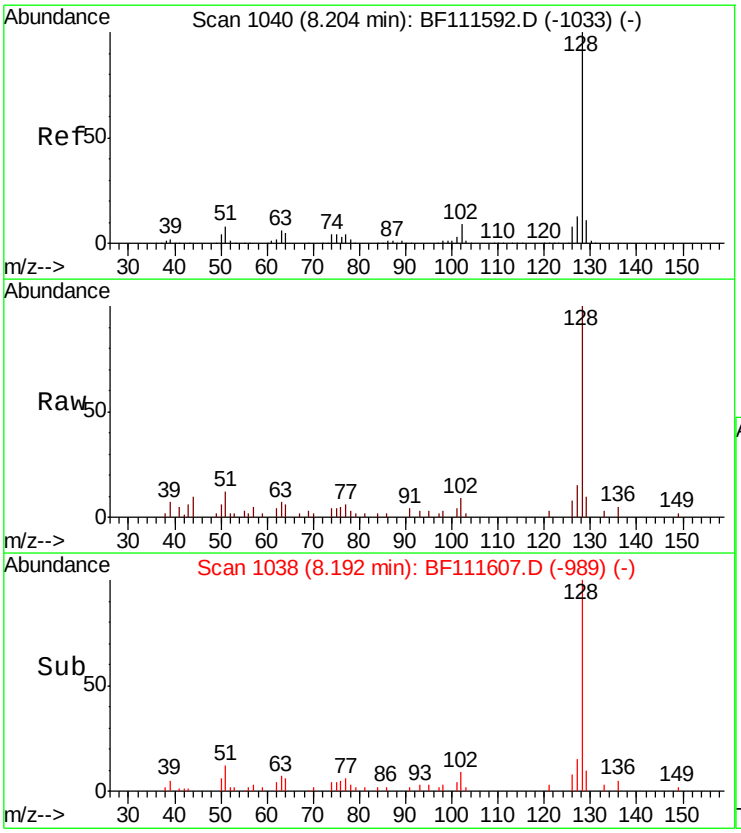
#28
bis(2-Chloroethoxy)methane
Concen: 0.009 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.15 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 93 Resp: 113

Ion	Ratio	Lower	Upper
93	100		
95	195.3	27.1	40.7#
123	0.0	9.9	14.9#

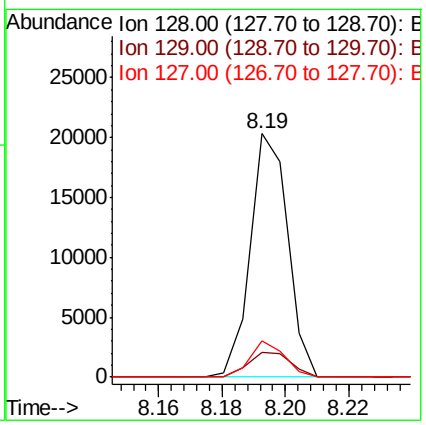


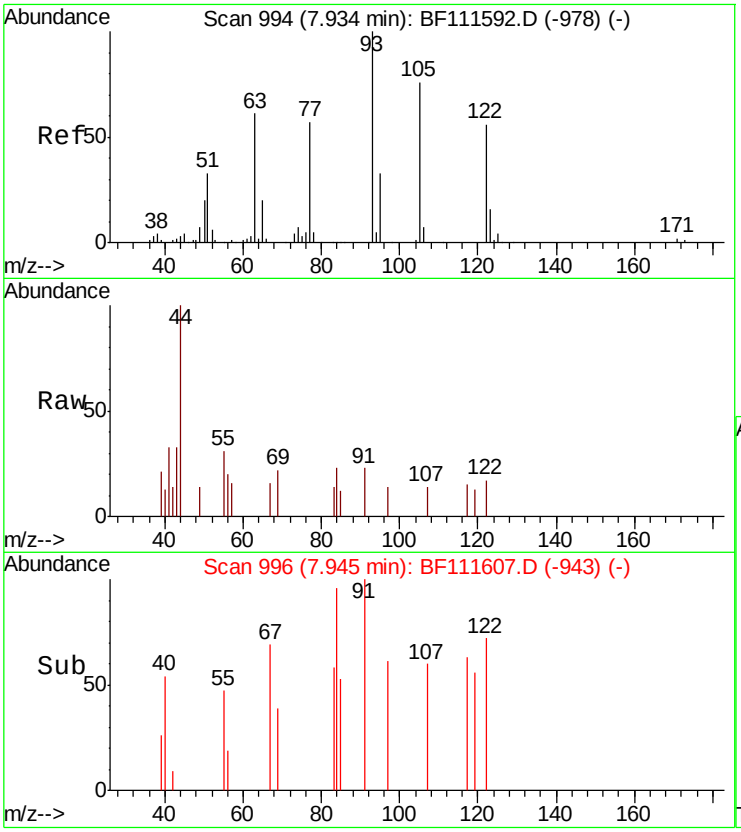


#31
Naphthalene
Concen: 0.546 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:128 Resp: 16671

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.8	14.8
127	14.8	12.0	18.0



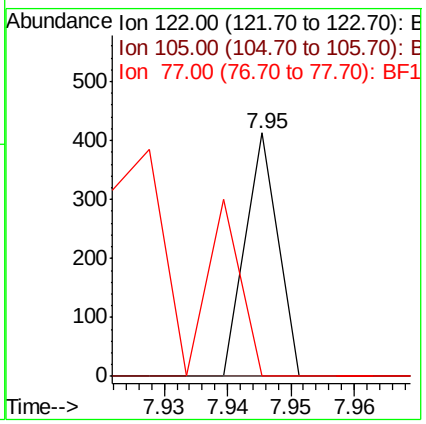


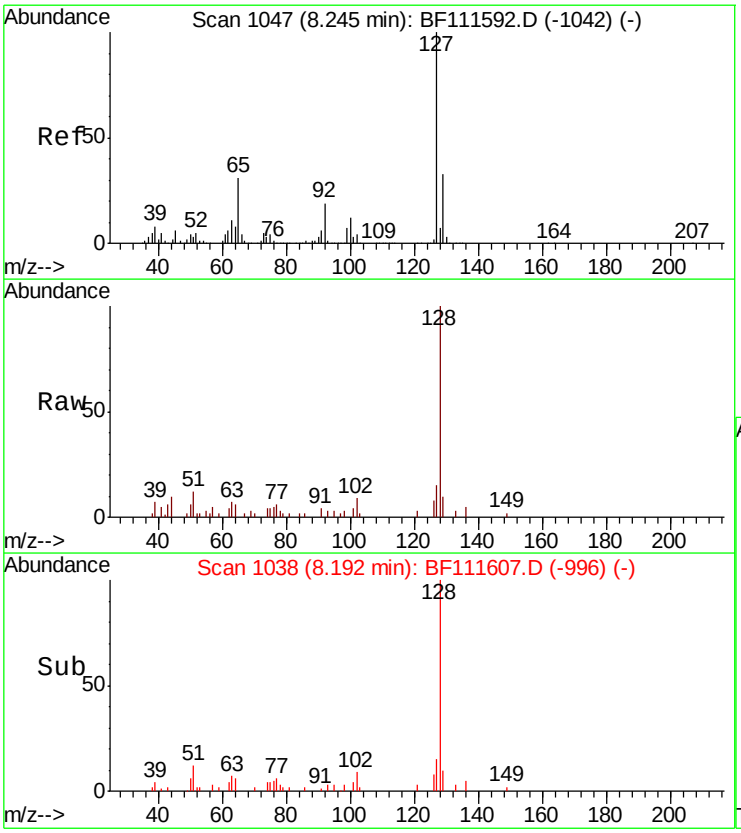
#32
Benzoic acid
Concen: 0.024 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.0	137.0#
77	0.0	65.7	105.7#

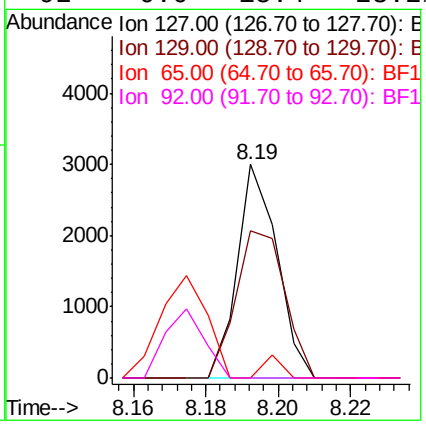


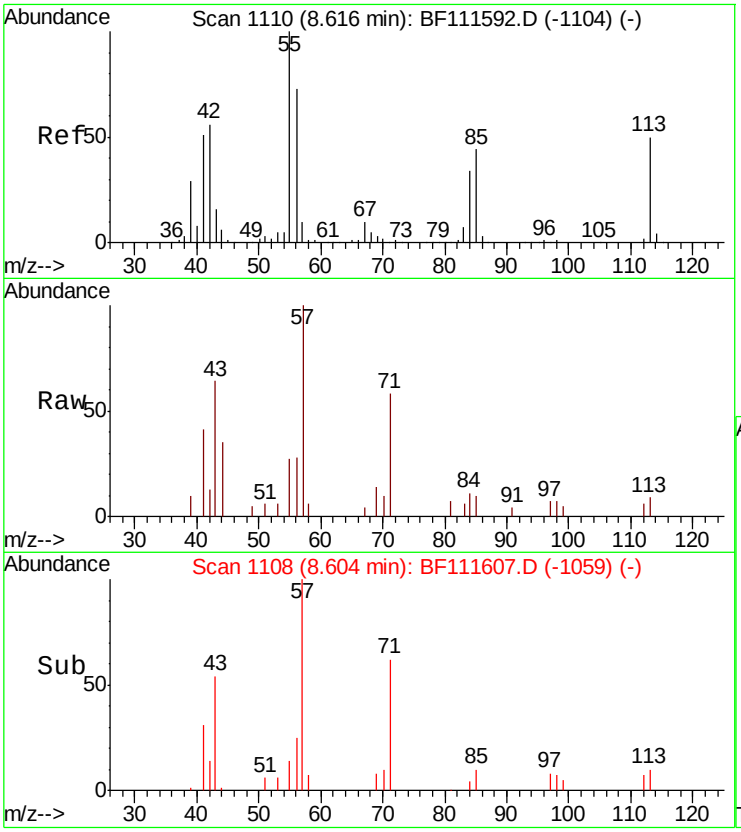


#33
4-Chloroaniline
Concen: 0.173 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:127 Resp: 2283

Ion	Ratio	Lower	Upper
127	100		
129	69.2	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#



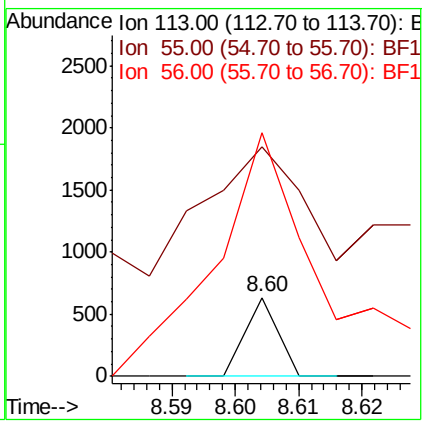


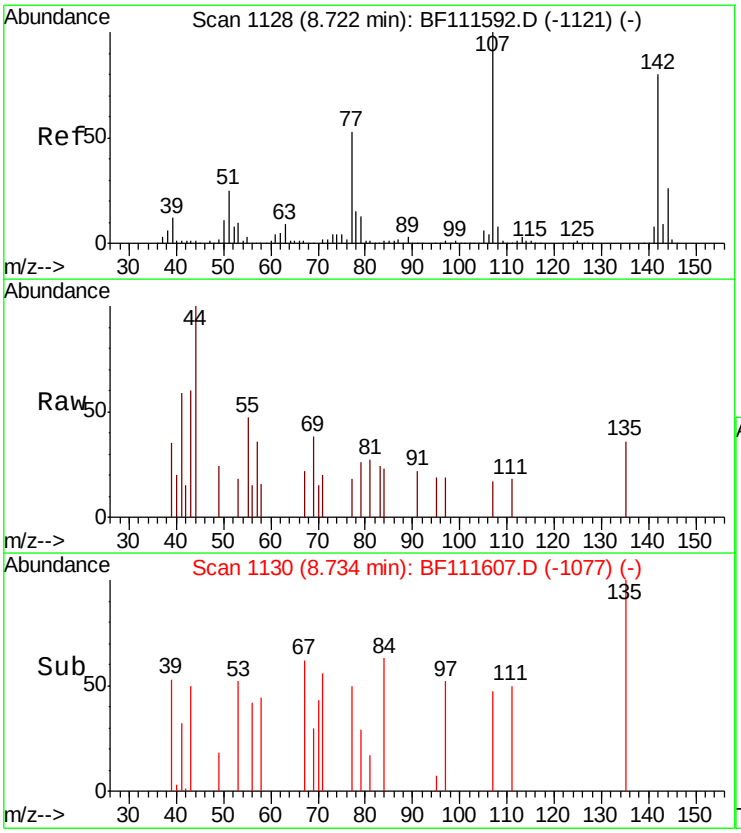
#35
Caprolactam
Concen: 0.067 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:113 Resp: 223

Ion	Ratio	Lower	Upper
113	100		
55	292.6	184.1	224.1#
56	310.1	126.0	166.0#

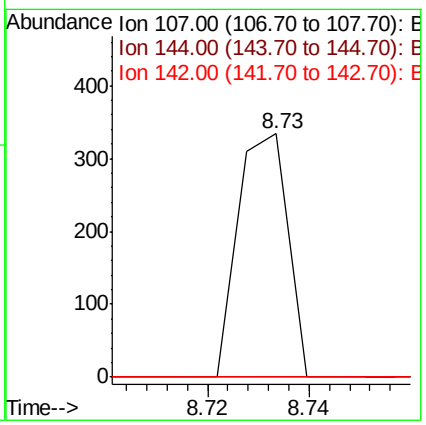


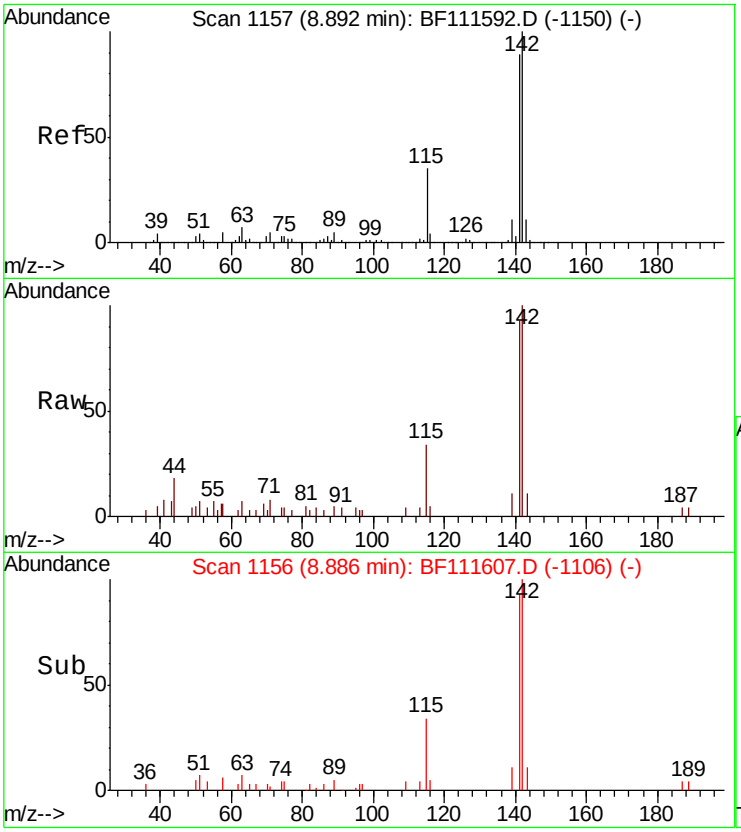


#36
4-Chloro-3-methylphenol
Concen: 0.023 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:107 Resp: 227

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#



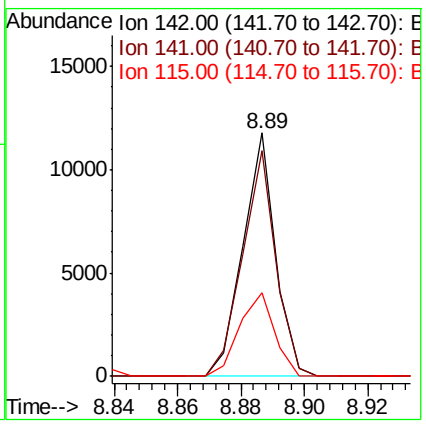


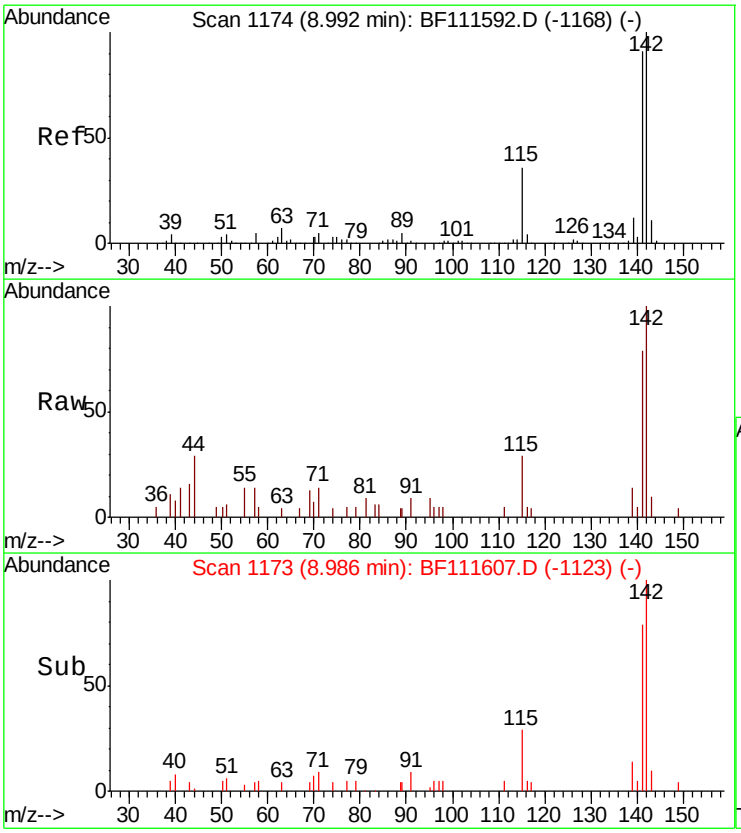
#37
2-Methylnaphthalene
Concen: 0.421 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:142 Resp: 8349

Ion	Ratio	Lower	Upper
142	100		
141	92.8	70.6	105.8
115	34.4	27.0	40.6

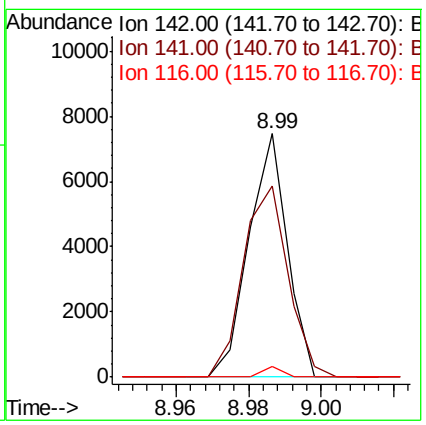


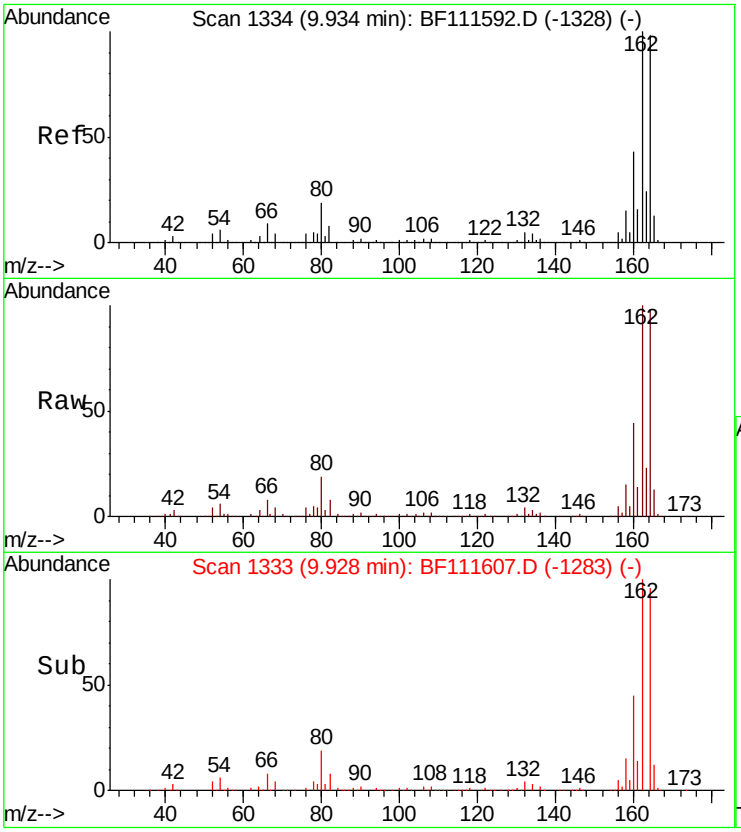


#38
1-Methylnaphthalene
Concen: 0.286 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:142 Resp: 5452

Ion	Ratio	Lower	Upper
142	100		
141	78.6	74.2	111.4
116	4.6	2.9	4.3#



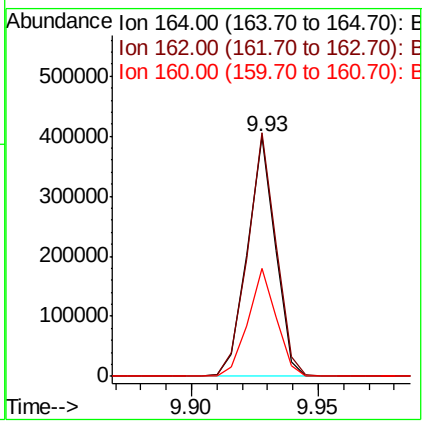


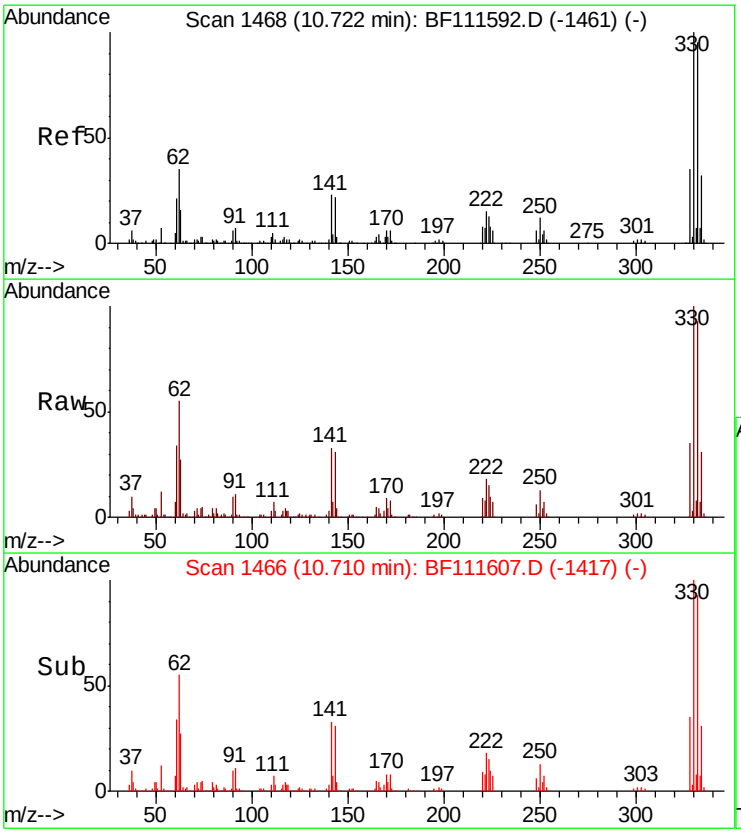
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:164 Resp: 308414

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.2	35.7	53.5

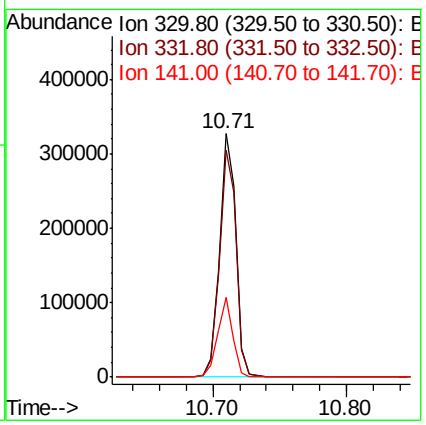


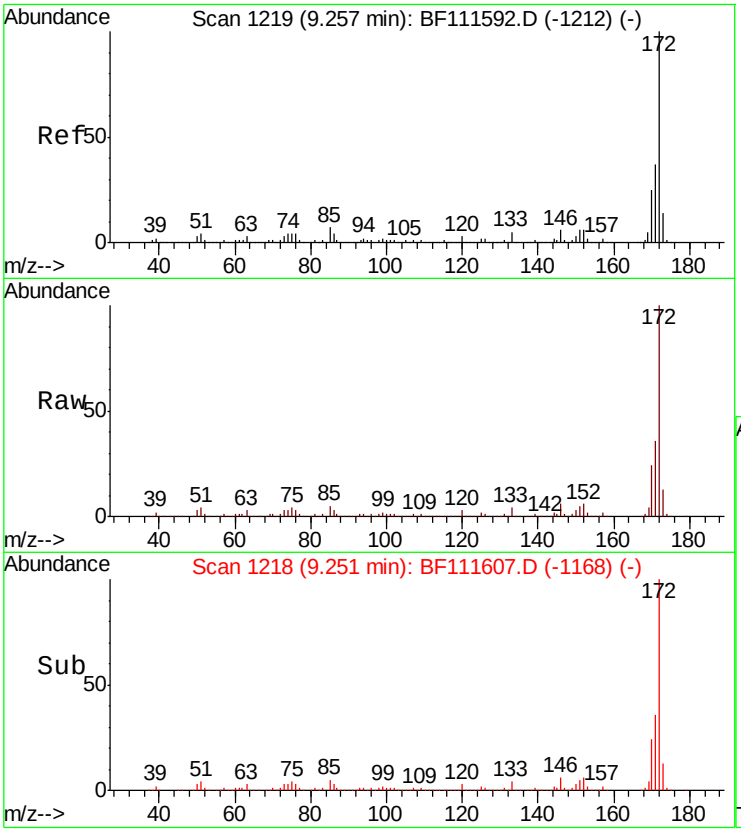


#42
2,4,6-Tribromophenol
Concen: 77.951 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:330 Resp: 284065

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.0	114.0
141	30.2	31.0	46.6#



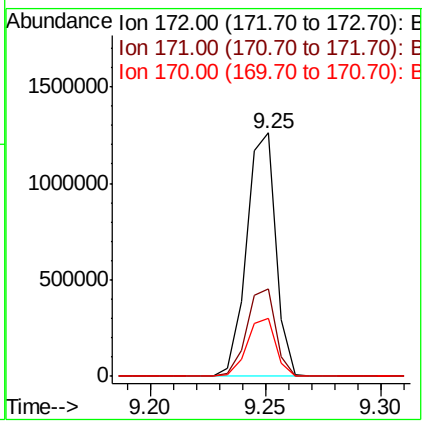


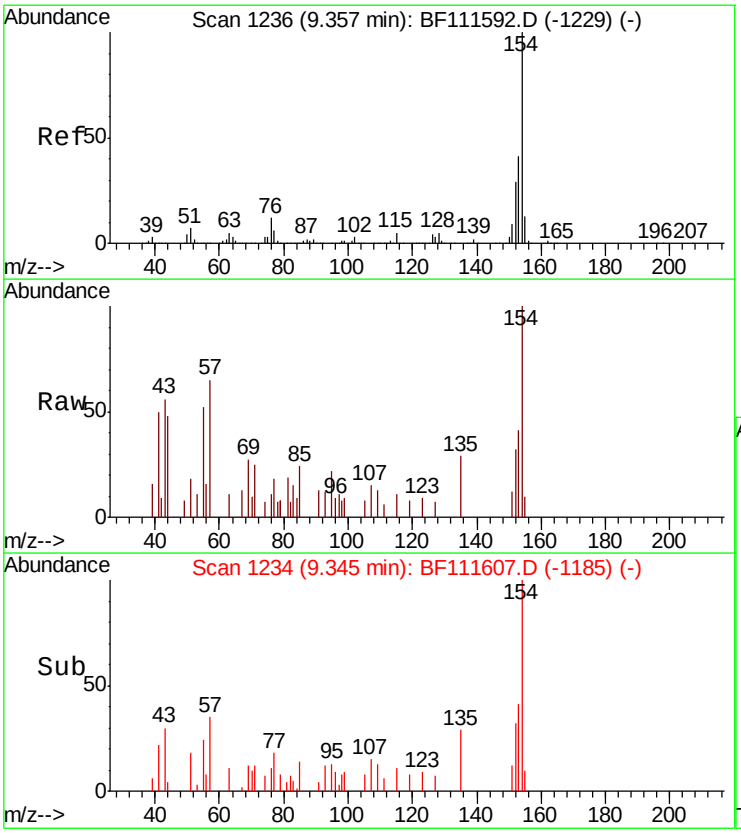
#45
2-Fluorobiphenyl
Concen: 52.835 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:172 Resp: 1117957

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	23.8	22.3	33.5

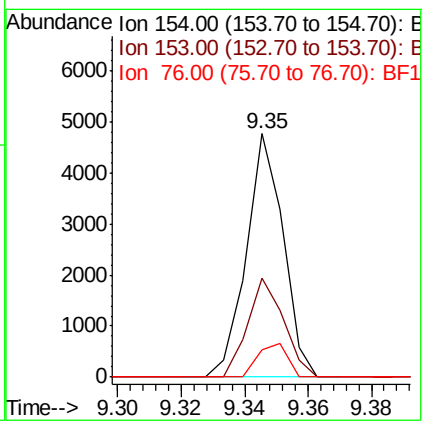


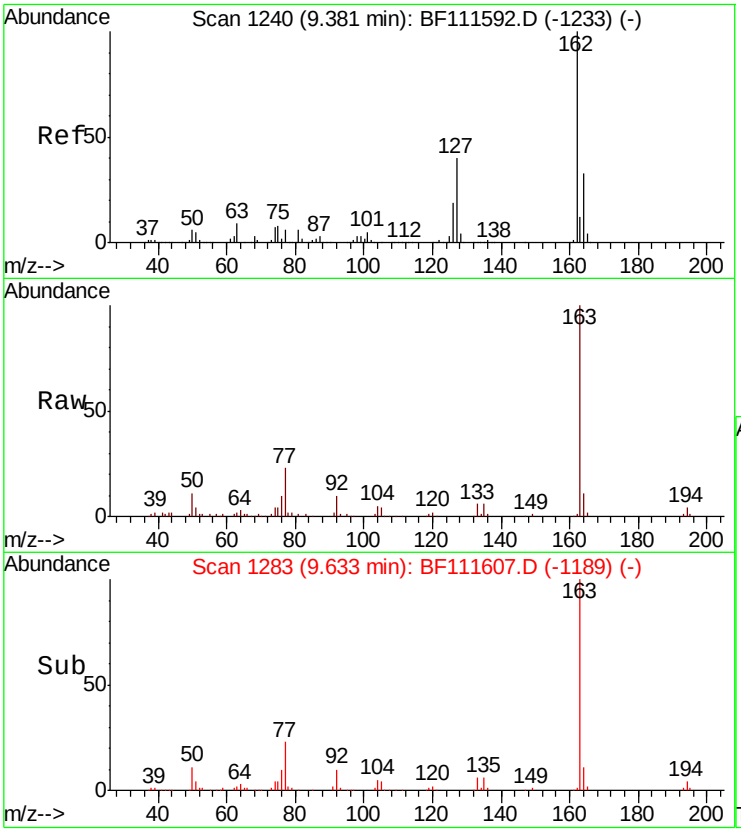


#46
1,1'-Biphenyl
Concen: 0.147 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:154 Resp: 3832

Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.7	63.7
76	11.4	0.0	35.0



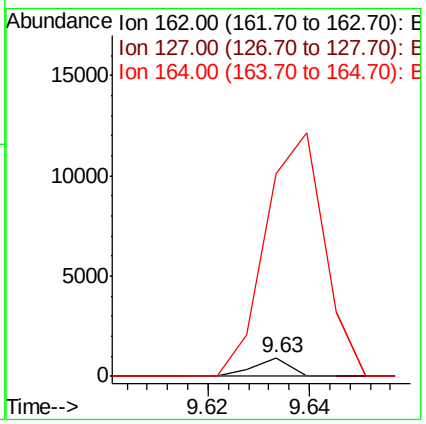


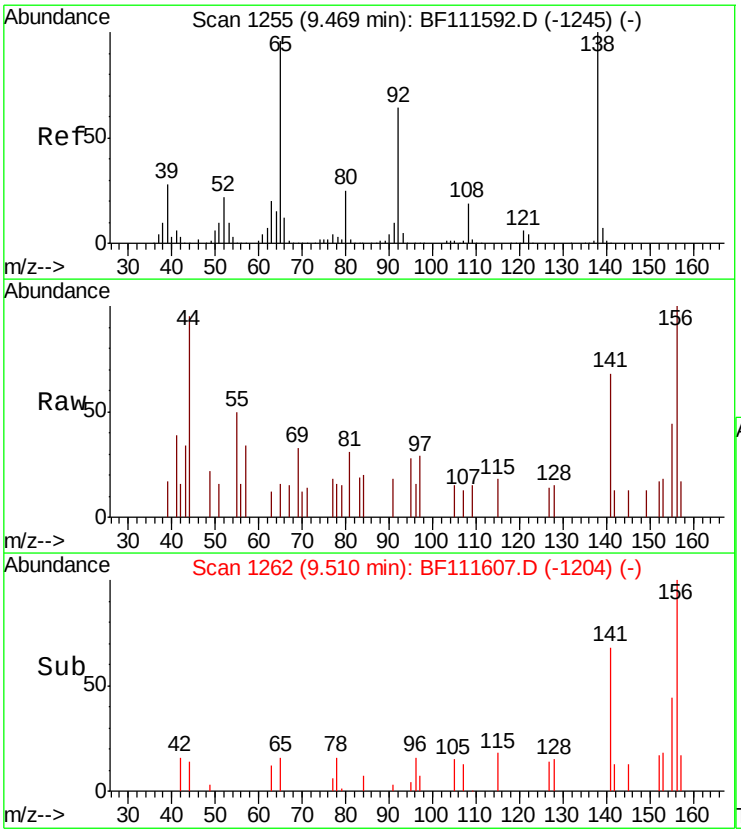
#47
2-Chloronaphthalene
Concen: 0.022 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.25 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:162 Resp: 460

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.0	52.4#
164	1076.1	28.4	42.6#

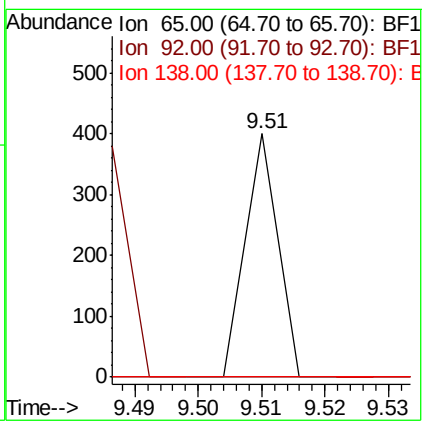


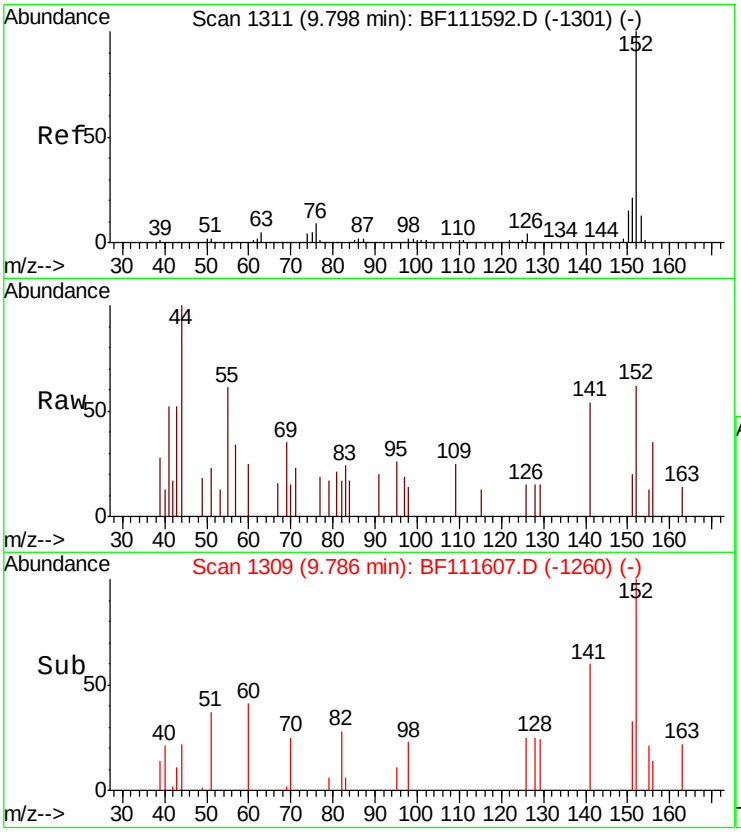


#48
2-Nitroaniline
Concen: 0.026 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.04 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion: 65 Resp: 141

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.5	80.3#
138	0.0	80.9	121.3#



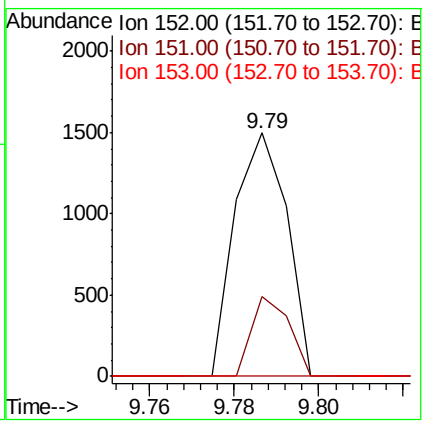


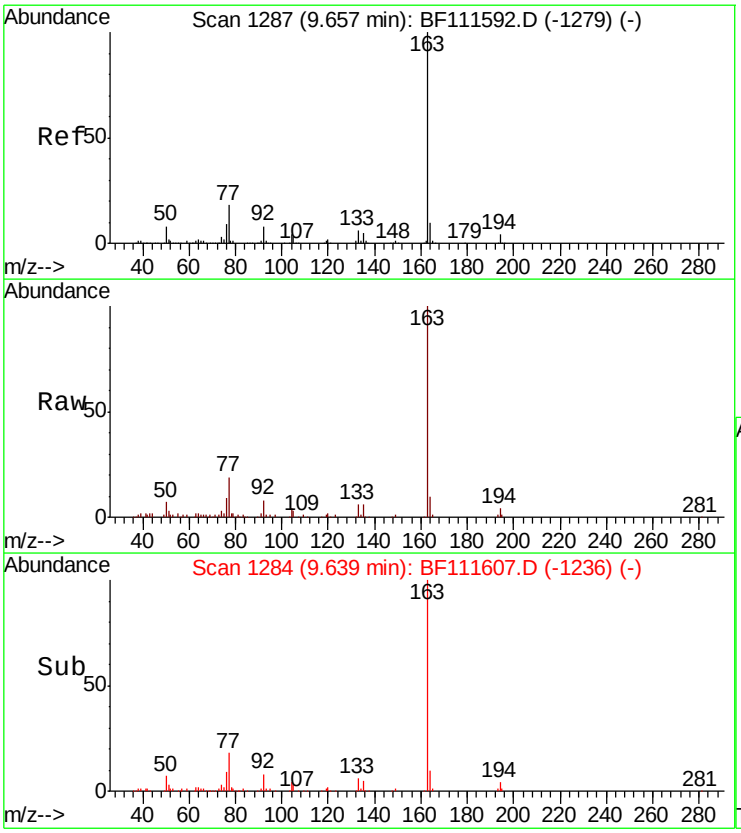
#49
Acenaphthylene
Concen: 0.043 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:152 Resp: 1284

Ion	Ratio	Lower	Upper
152	100		
151	33.0	18.0	27.0#
153	0.0	12.3	18.5#

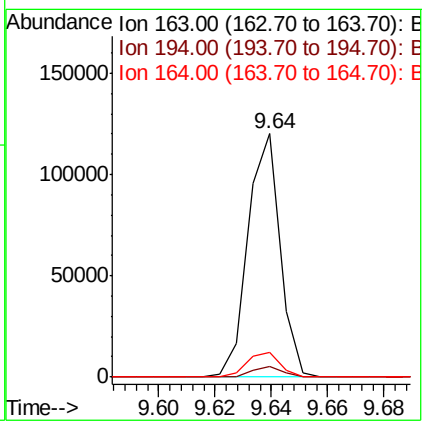


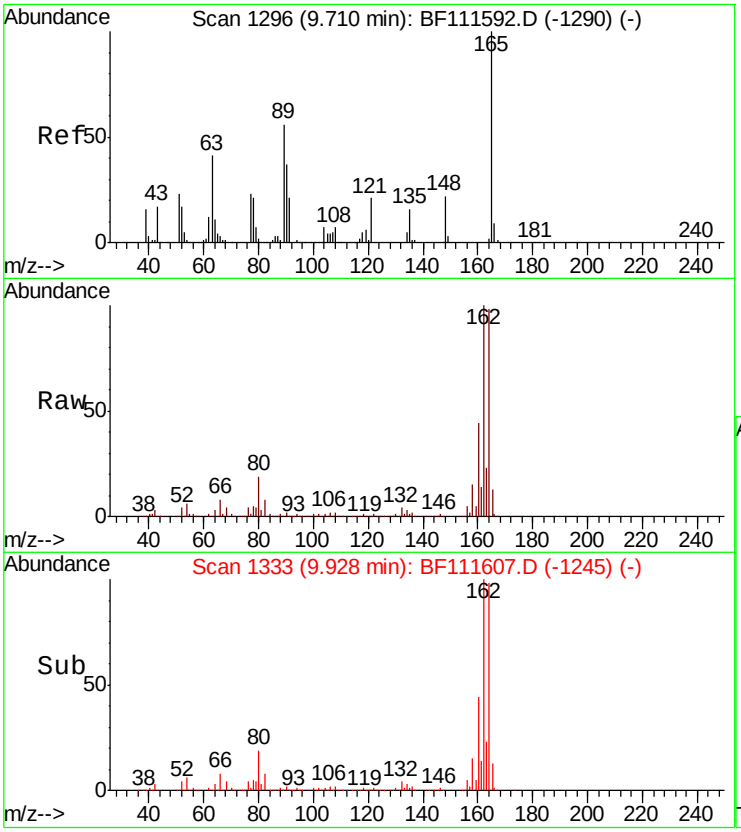


#50
Dimethylphthalate
Concen: 4.181 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:163 Resp: 94296

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	8.9	13.3



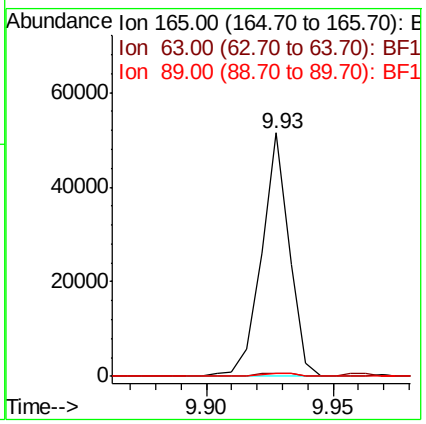


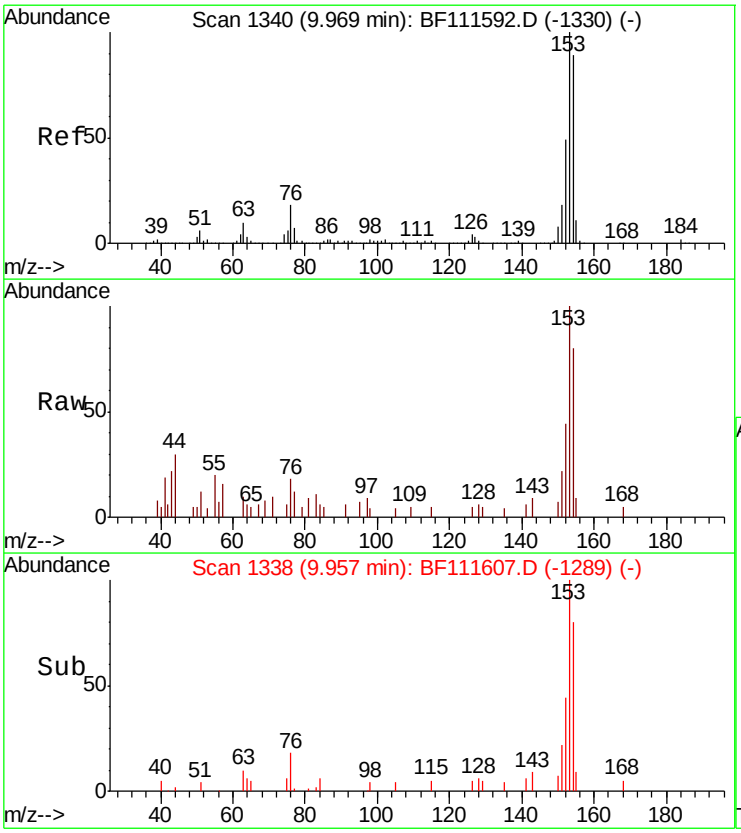
#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:165 Resp: 39265

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.3	40.0	60.0#

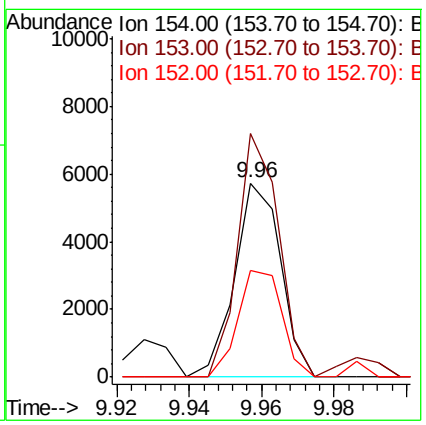


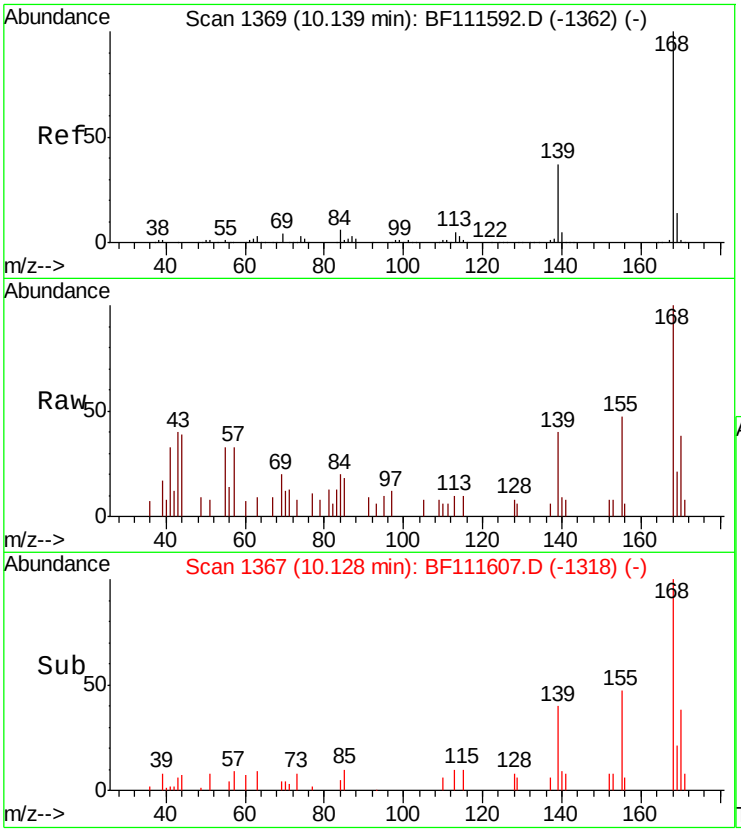


#52
Acenaphthene
Concen: 0.272 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:154 Resp: 5050

Ion	Ratio	Lower	Upper
154	100		
153	125.4	87.8	131.8
152	54.7	43.4	65.2



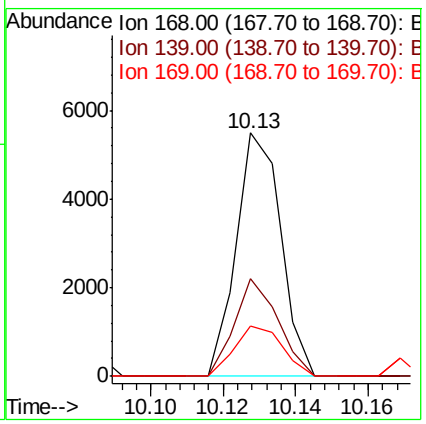


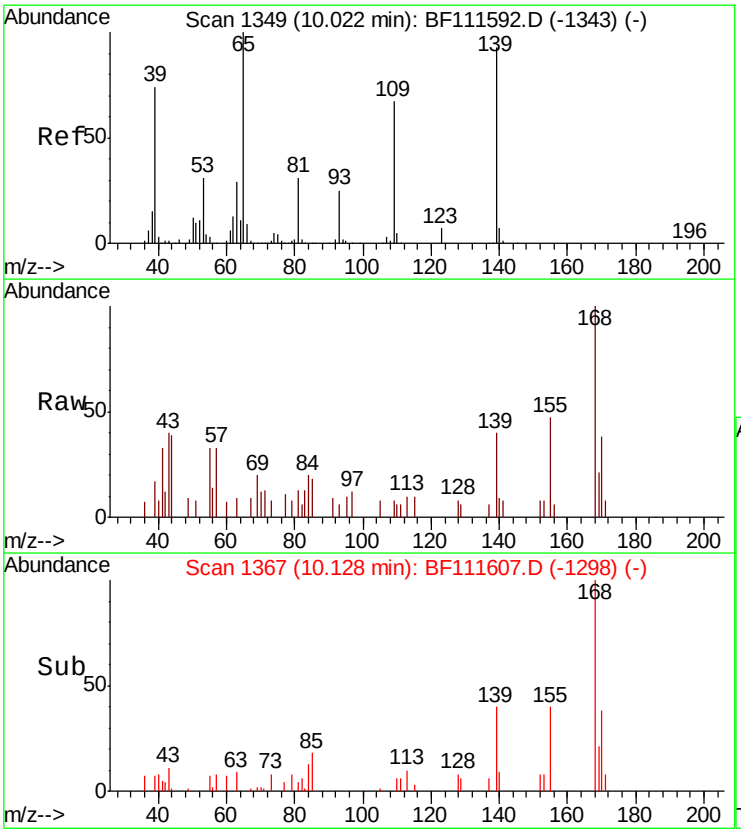
#55
Dibenzofuran
Concen: 0.168 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:168 Resp: 4727

Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.6	49.0
169	20.8	11.8	17.6#

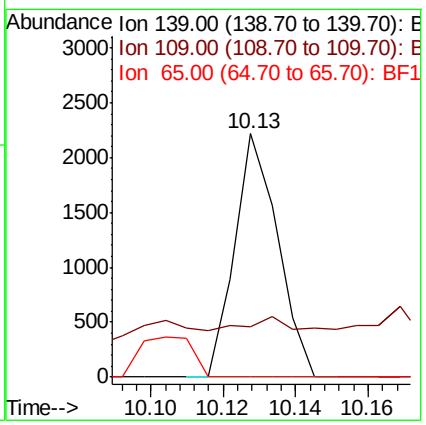


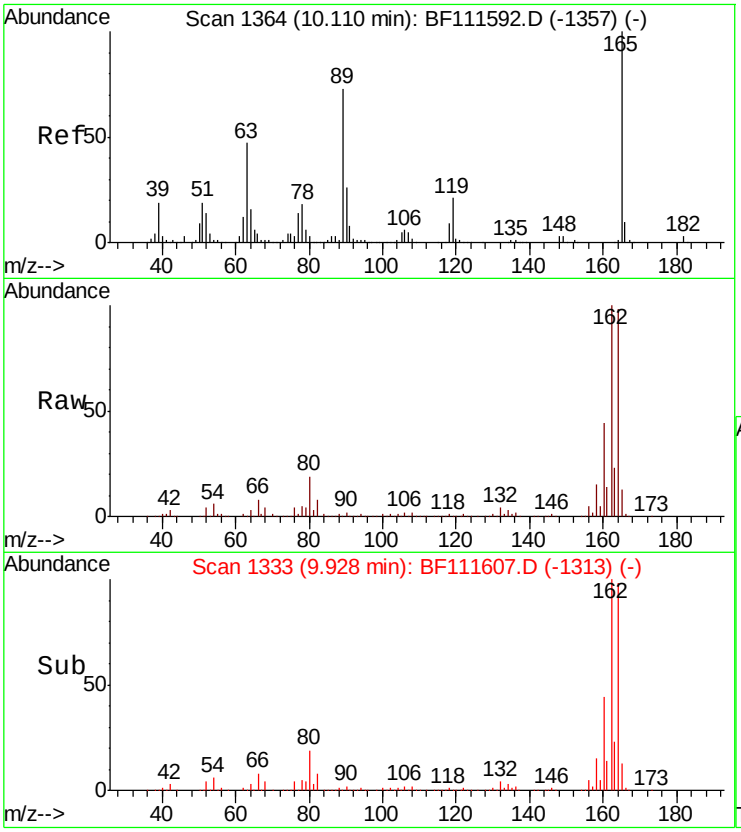


#56
4-Nitrophenol
Concen: 0.504 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:139 Resp: 1844

Ion	Ratio	Lower	Upper
139	100		
109	20.8	41.8	81.8#
65	0.0	79.6	119.6#



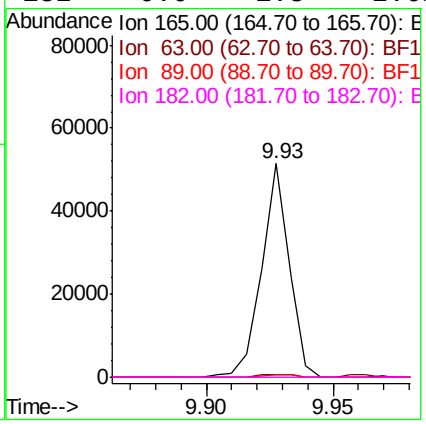


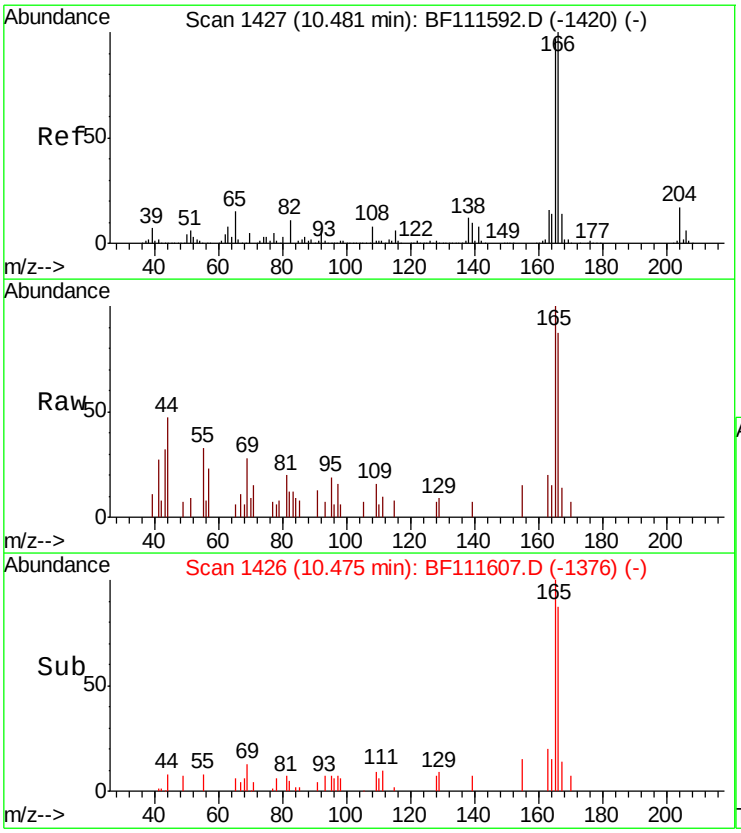
#57
2,4-Dinitrotoluene
Concen: 7.265 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:165 Resp: 39265

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

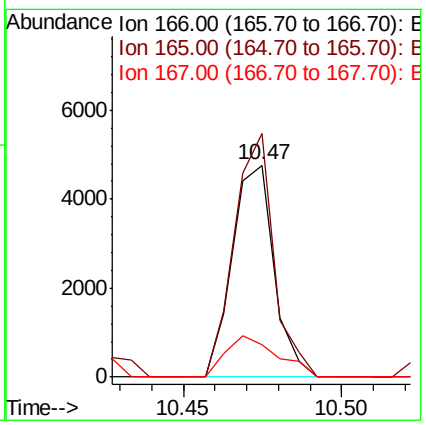


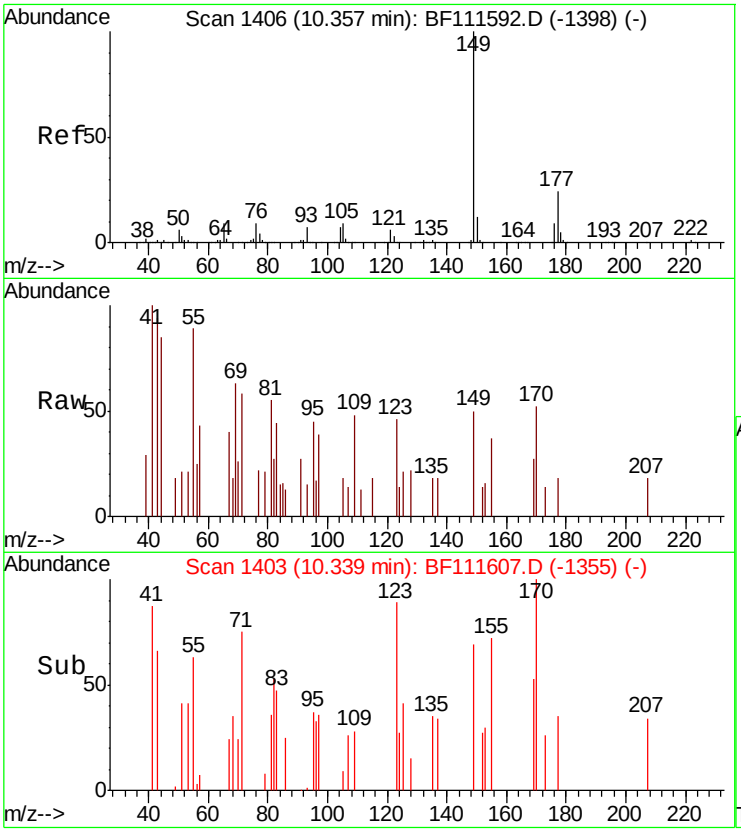


#58
Fluorene
Concen: 0.214 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:166 Resp: 4330

Ion	Ratio	Lower	Upper
166	100		
165	114.9	78.4	117.6
167	15.6	11.2	16.8



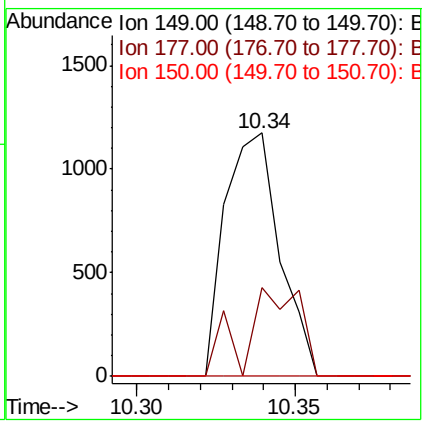


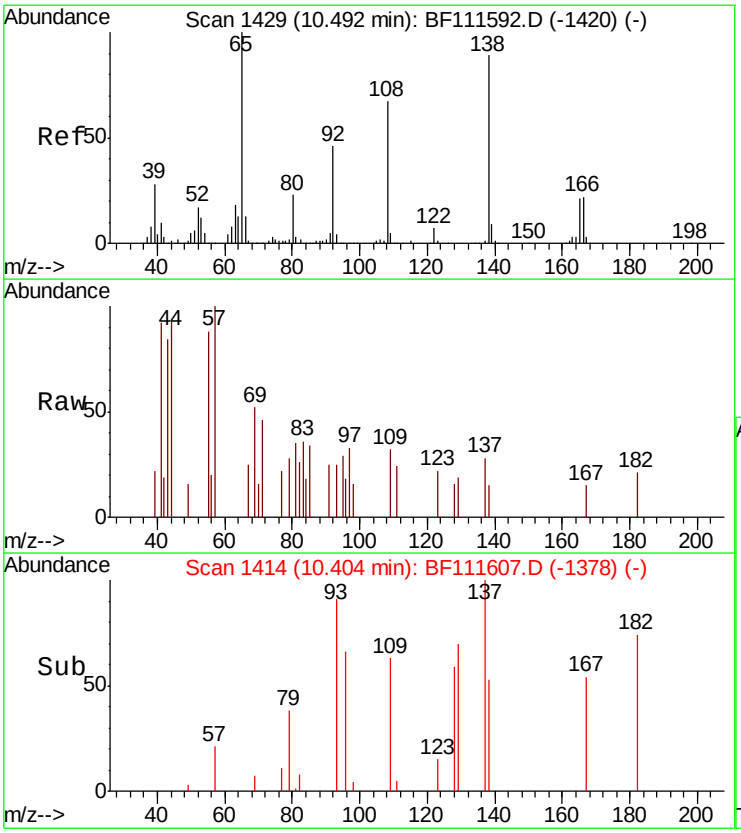
#60
Diethylphthalate
Concen: 0.063 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:149 Resp: 1401

Ion	Ratio	Lower	Upper
149	100		
177	36.3	18.3	27.5#
150	0.0	10.6	15.8#

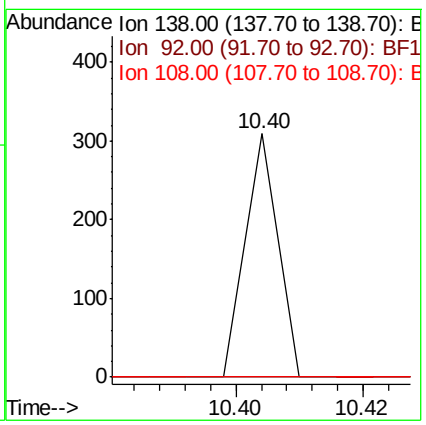


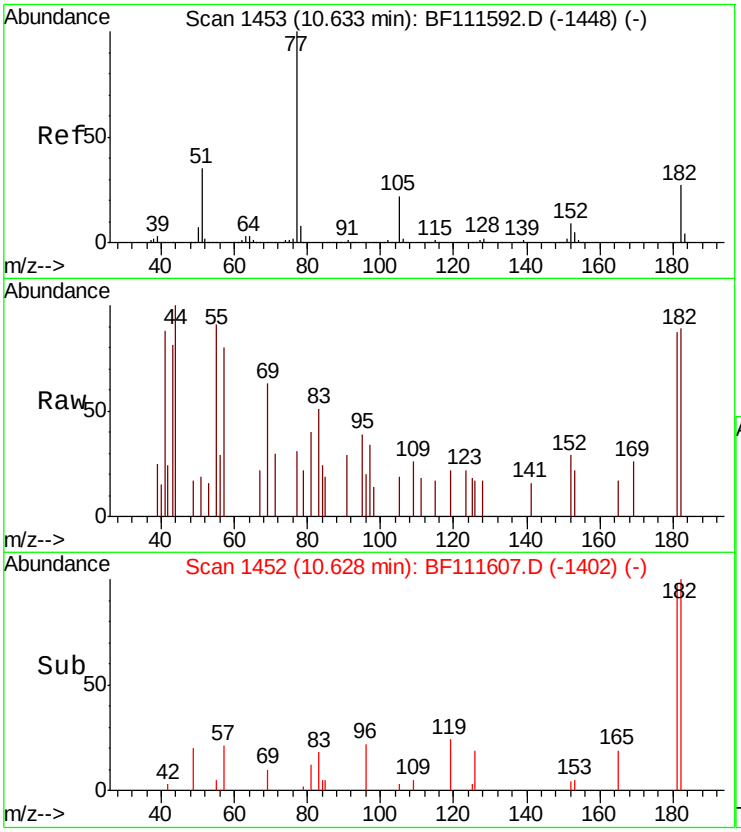


#62
4-Nitroaniline
Concen: 0.023 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:138 Resp: 109

Ion	Ratio	Lower	Upper
138	100		
92	0.0	29.9	69.9#
108	0.0	43.2	83.2#



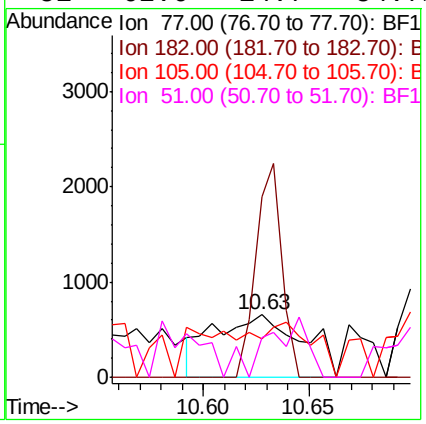


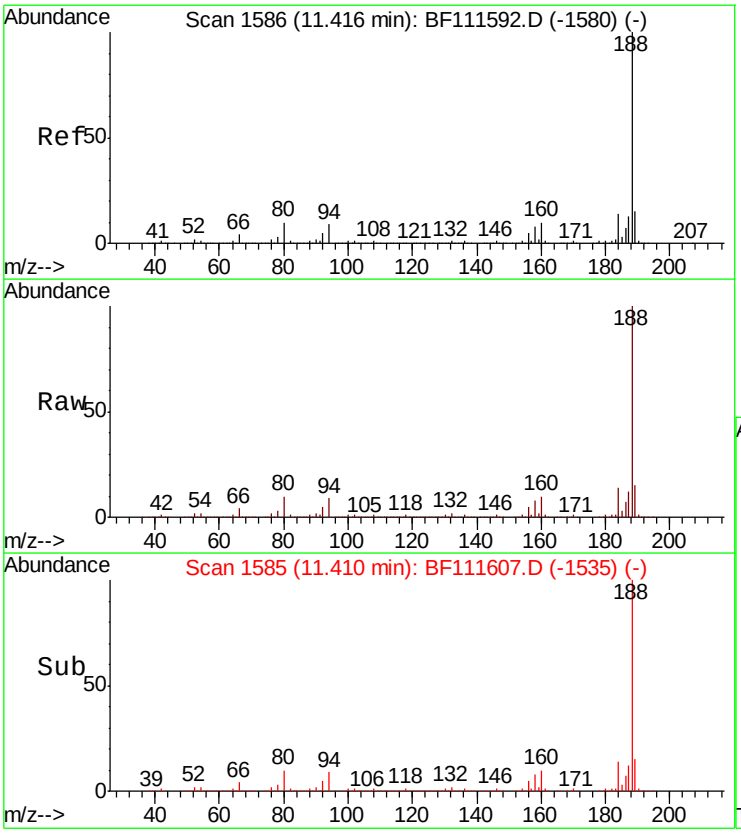
#63
Azobenzene
Concen: 0.086 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion: 77 Resp: 1912

Ion	Ratio	Lower	Upper
77	100		
182	288.0	4.9	44.9#
105	62.0	6.0	46.0#
51	62.6	14.7	54.7#

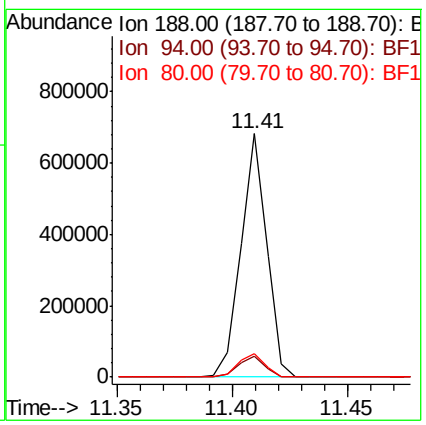


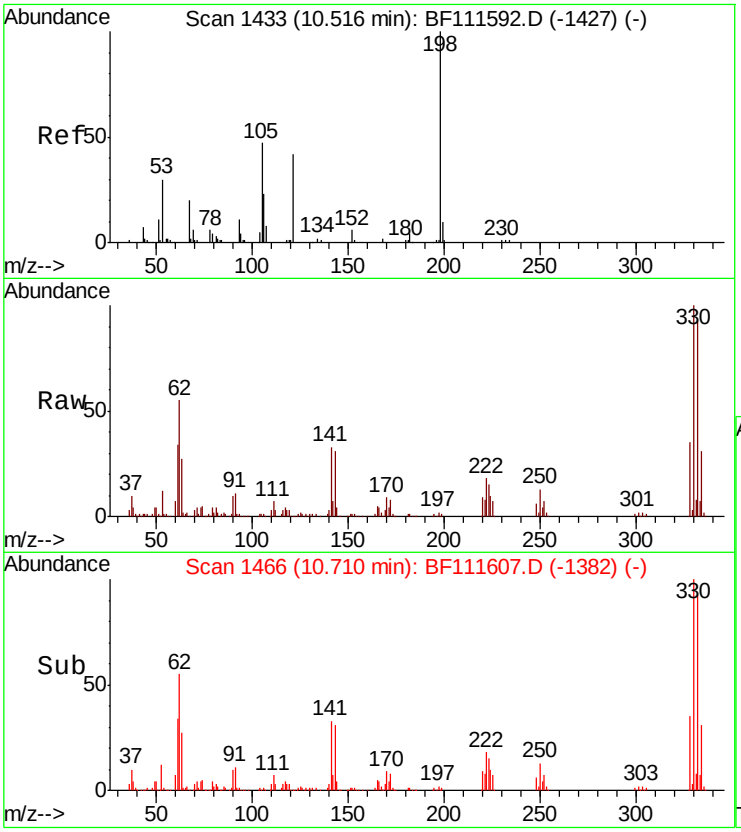


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:188 Resp: 532402

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.7	9.8	14.6#



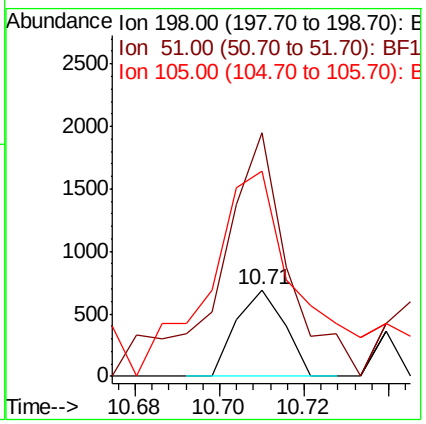


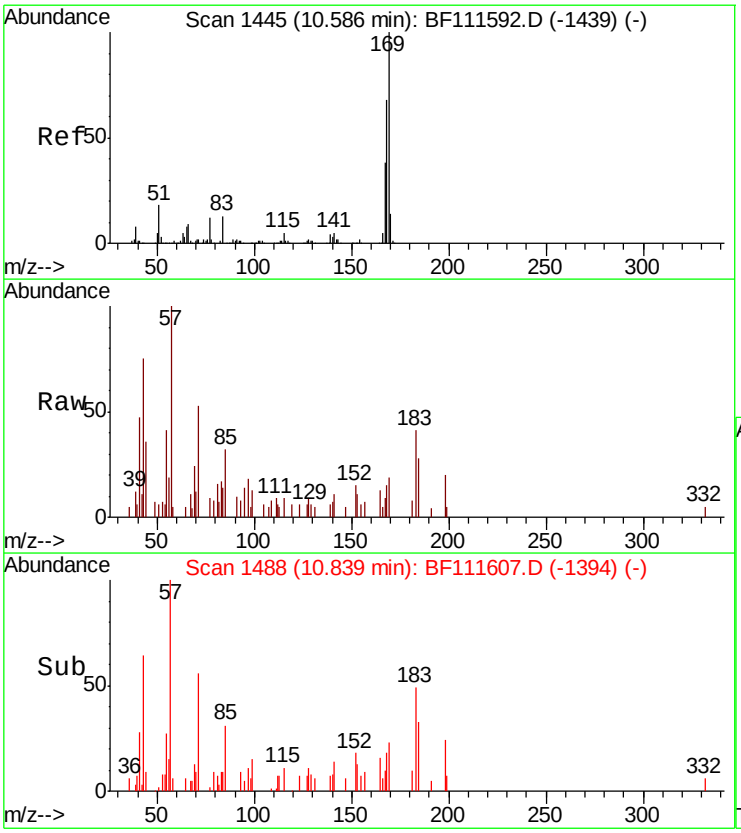
#65
4,6-Dinitro-2-methylphenol
Concen: 6.908 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:198 Resp: 549

Ion	Ratio	Lower	Upper
198	100		
51	280.7	48.0	88.0#
105	236.3	34.0	74.0#

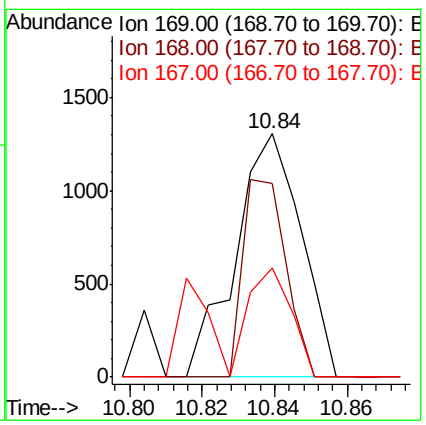


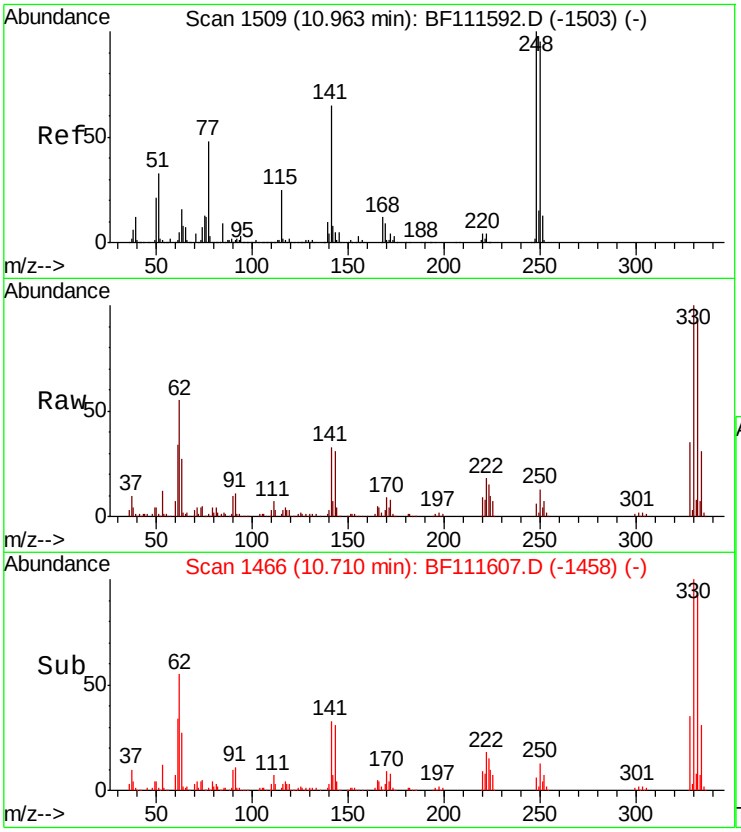


#66
n-Nitrosodiphenylamine
Concen: 0.092 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.25 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:169 Resp: 1644

Ion	Ratio	Lower	Upper
169	100		
168	79.5	54.4	81.6
167	45.1	30.5	45.7



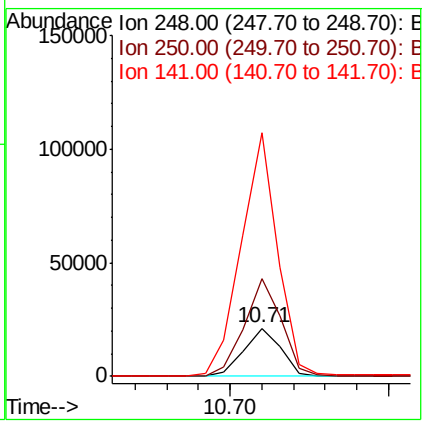


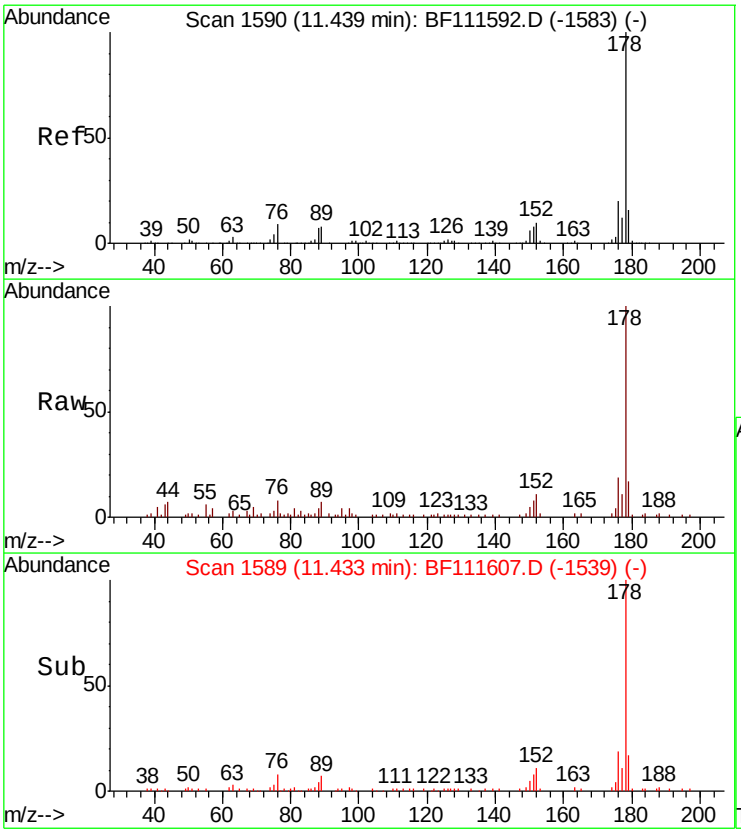
#67
4-Bromophenyl-phenylether
Concen: 2.599 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:248 Resp: 17162

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.0	115.4#
141	504.8	63.0	94.6#

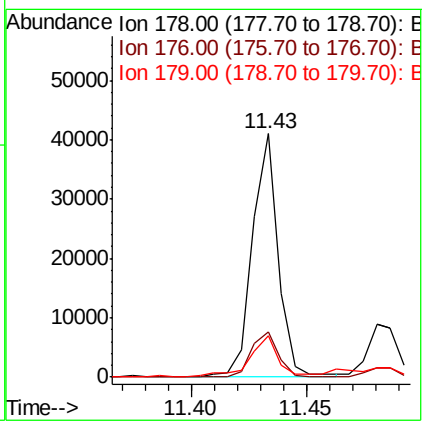


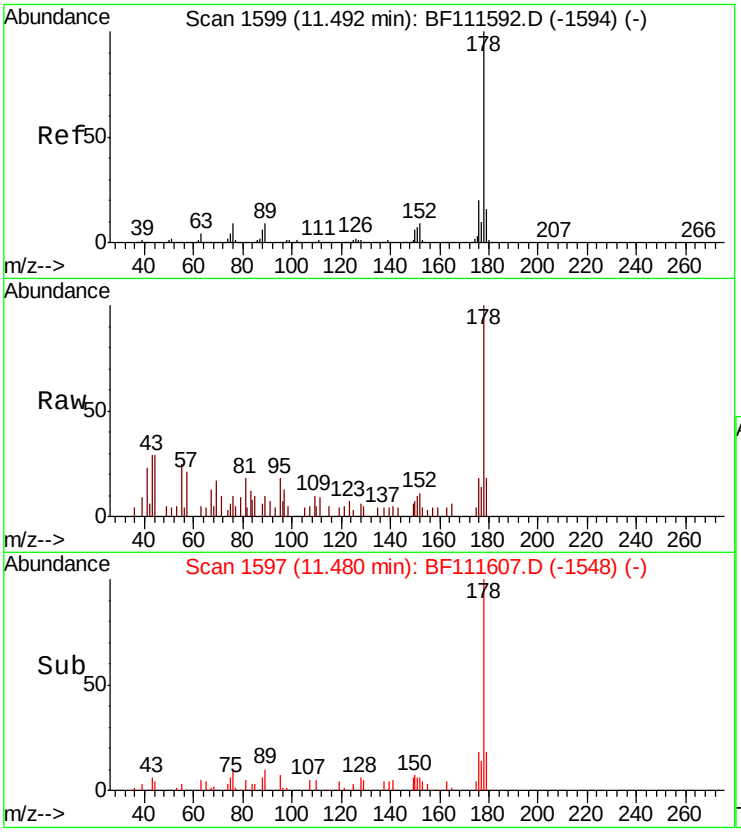


#71
Phenanthrene
Concen: 1.140 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:178 Resp: 32181

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	16.9	14.0	21.0



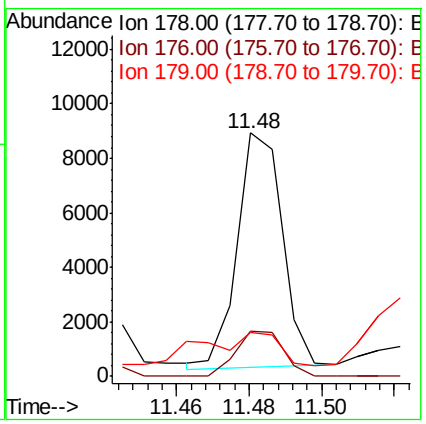


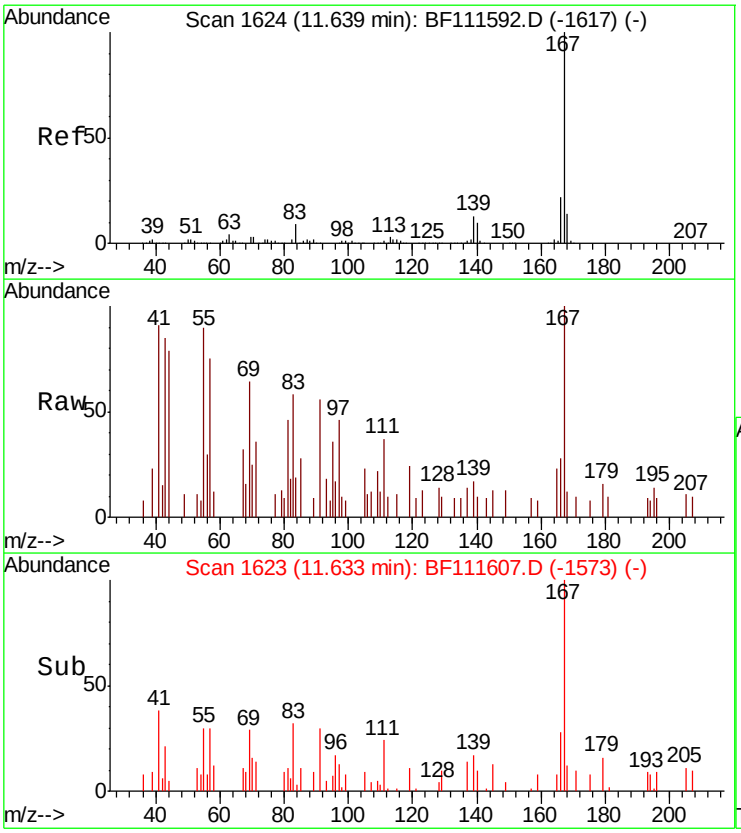
#72
Anthracene
Concen: 0.261 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:178 Resp: 7394

Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	18.2	13.8	20.8

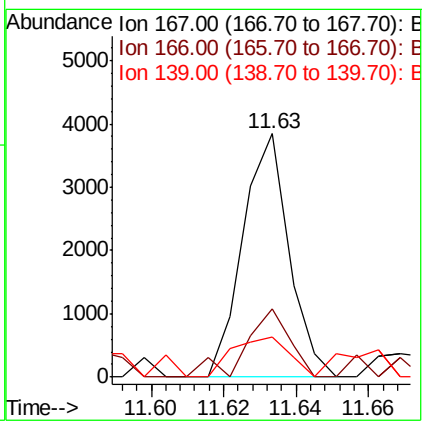


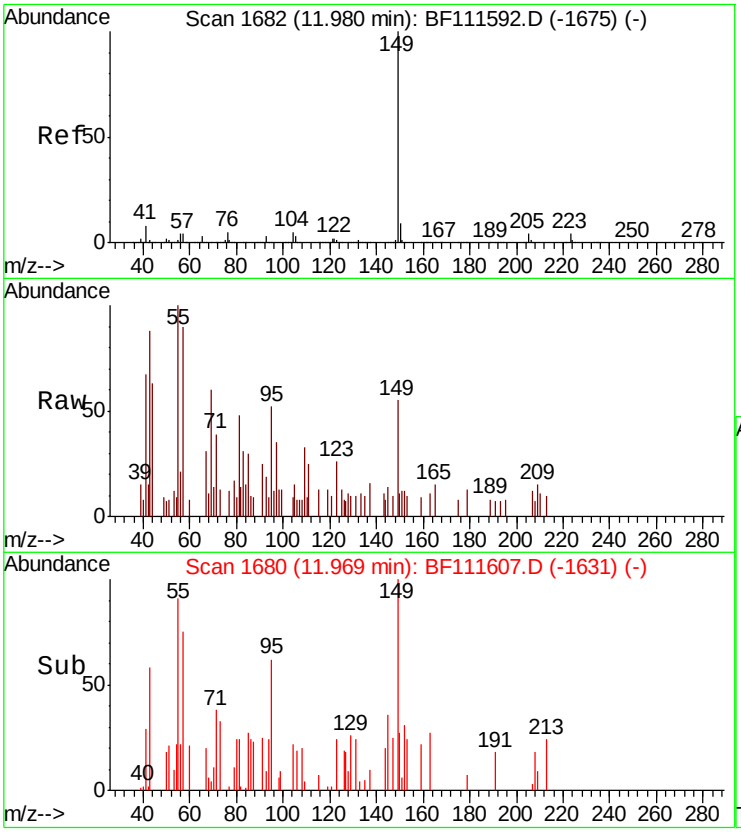


#73
Carbazole
Concen: 0.124 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:167 Resp: 3408

Ion	Ratio	Lower	Upper
167	100		
166	28.2	19.3	28.9
139	16.6	11.9	17.9



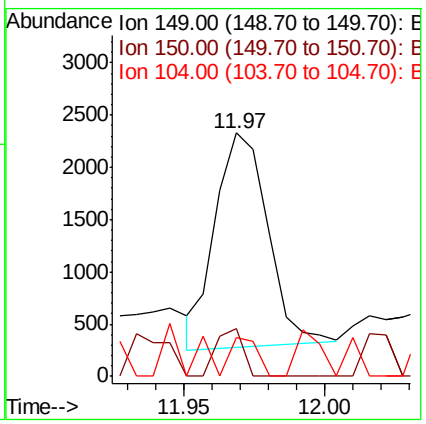


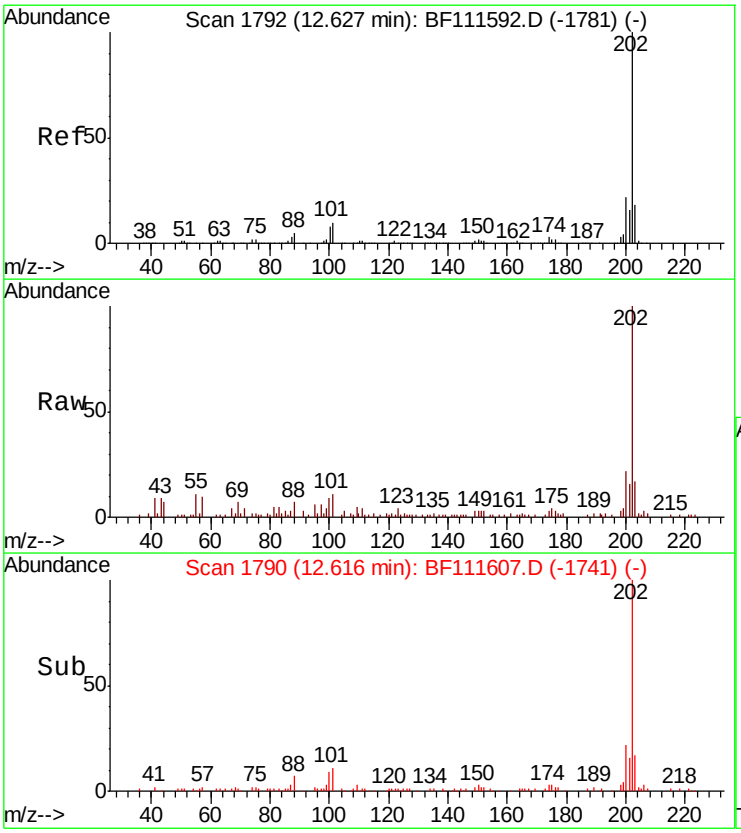
#74
Di-n-butylphthalate
Concen: 0.086 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:149 Resp: 2646

Ion	Ratio	Lower	Upper
149	100		
150	19.6	8.8	13.2#
104	15.7	4.5	6.7#

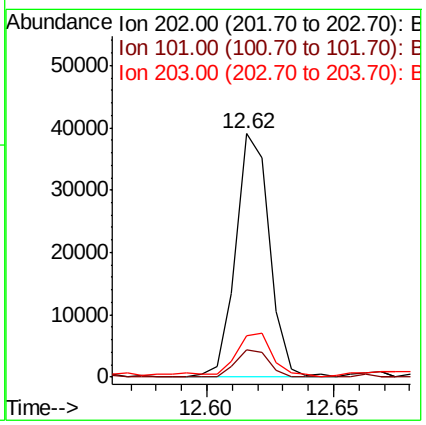


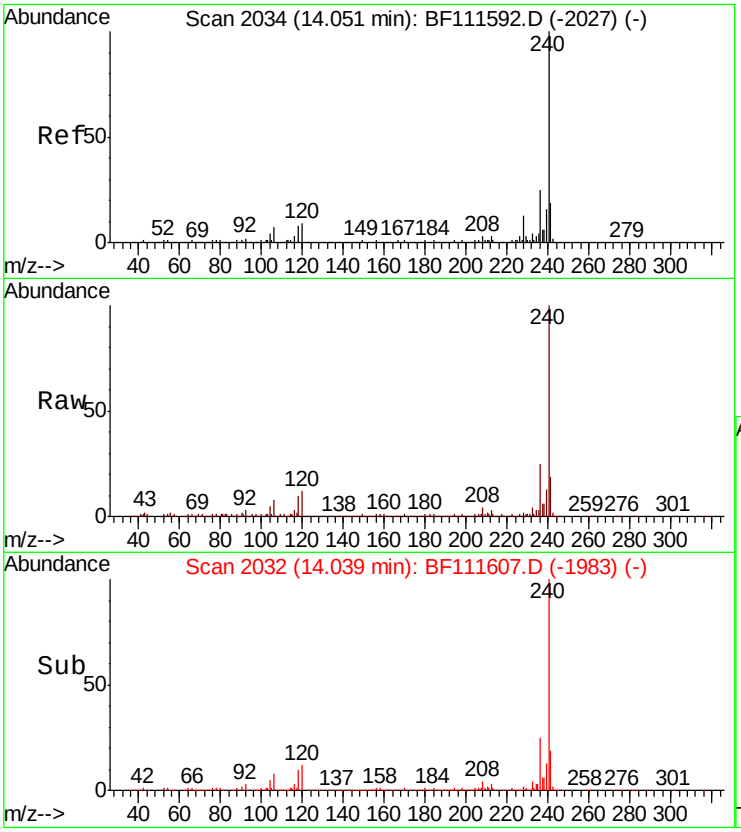


#75
Fluoranthene
Concen: 1.263 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:202 Resp: 36118

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	16.9	0.0	38.6



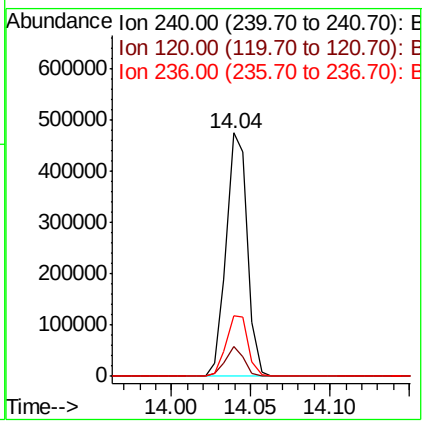


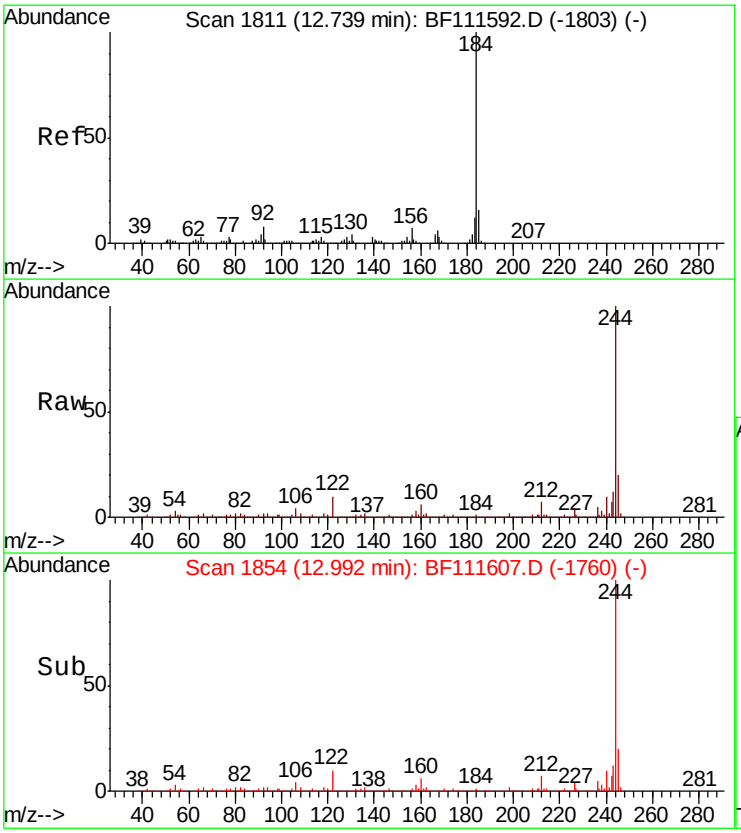
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:240 Resp: 440890

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.2	18.2
236	24.9	20.2	30.2

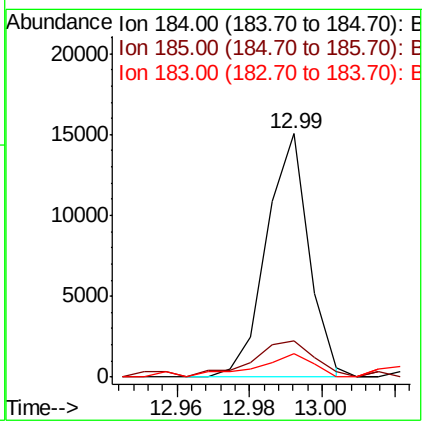


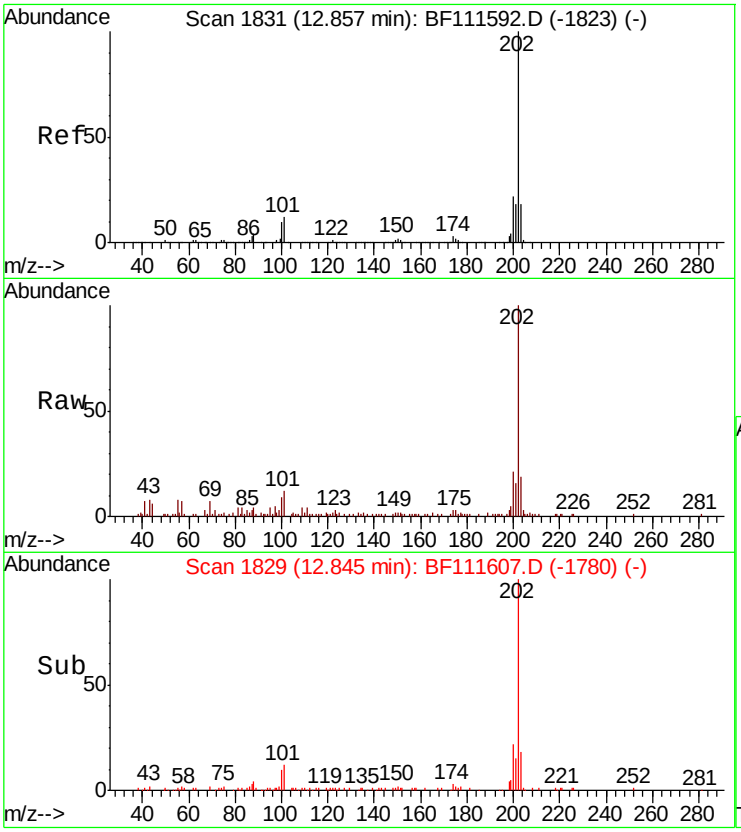


#77
Benzidine
Concen: 0.737 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:184 Resp: 12226

Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.6
183	9.6	9.3	13.9



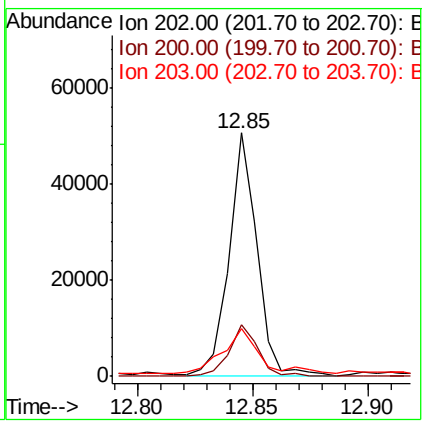


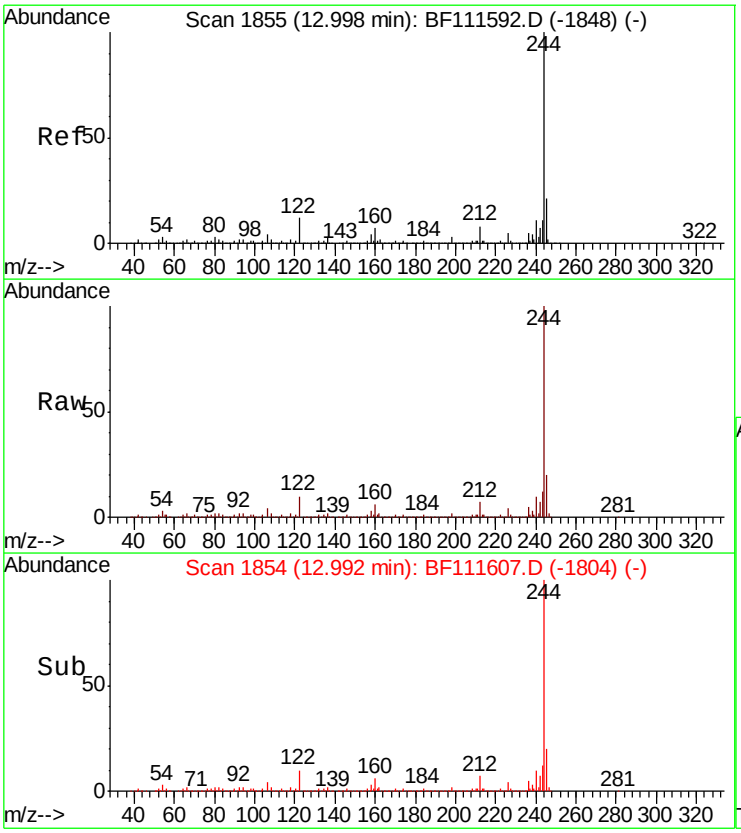
#78
Pyrene
Concen: 1.382 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:202 Resp: 43037

Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.4
203	19.5	15.2	22.8

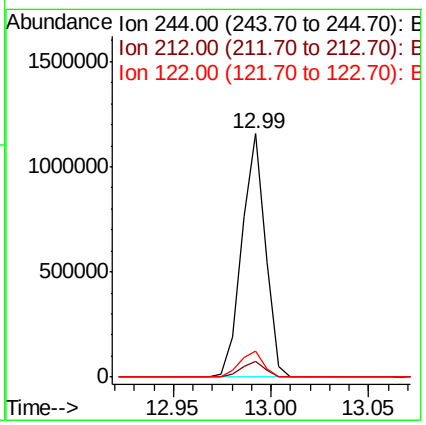


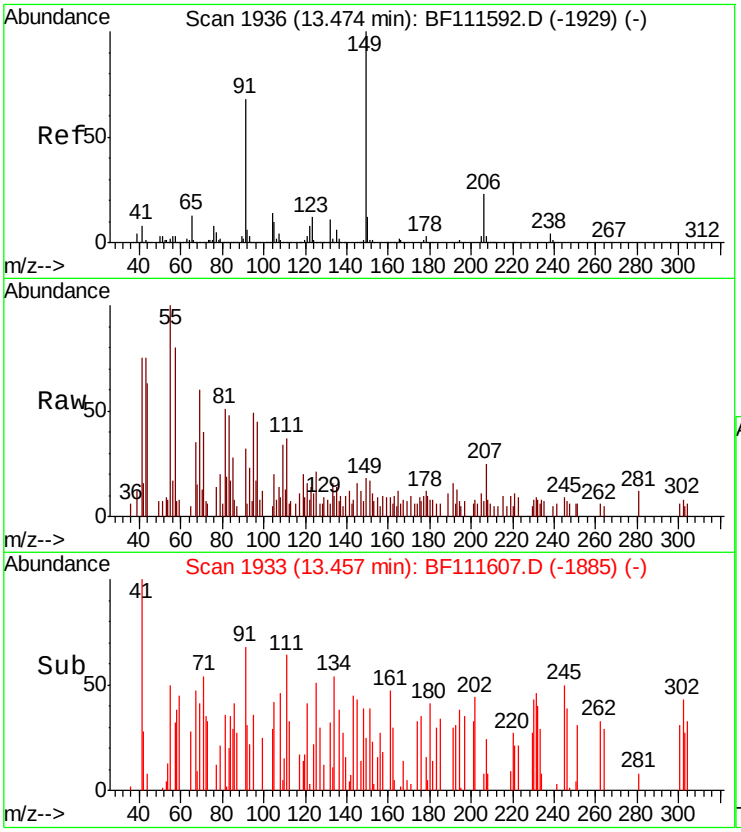


#79
Terphenyl-d14
Concen: 41.390 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:244 Resp: 962266

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.5	13.1	19.7#



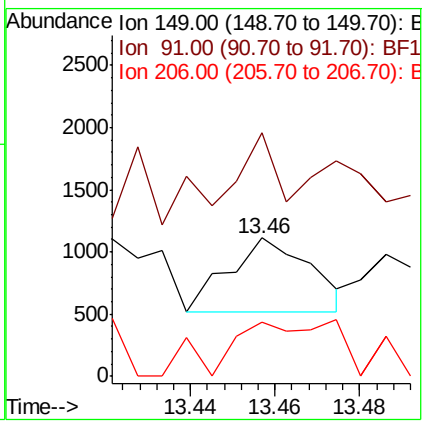


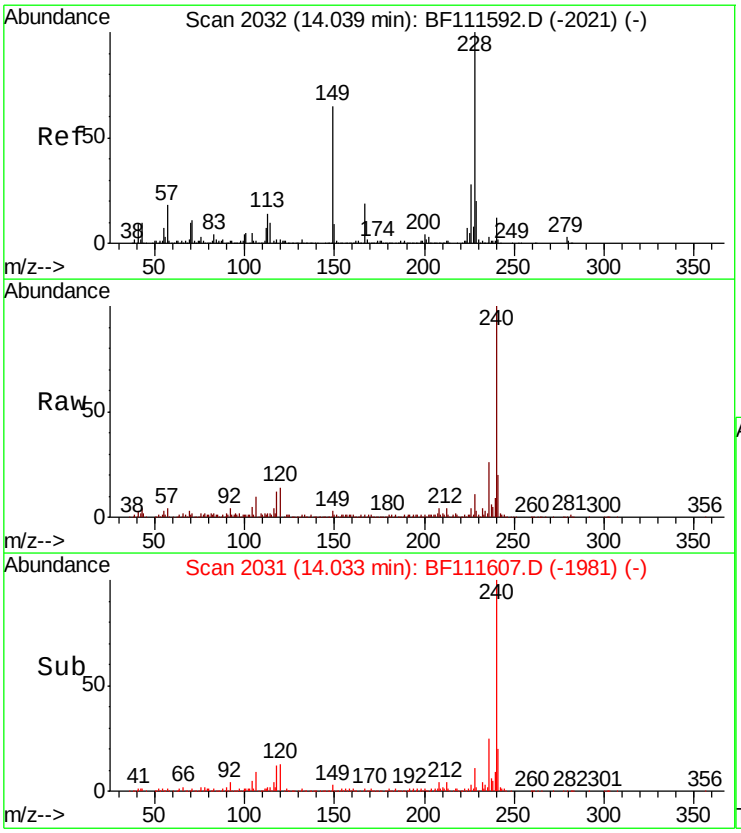
#80
Butylbenzylphthalate
Concen: 0.063 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:149 Resp: 799

Ion	Ratio	Lower	Upper
149	100		
91	175.9	63.8	95.6#
206	38.9	15.1	22.7#

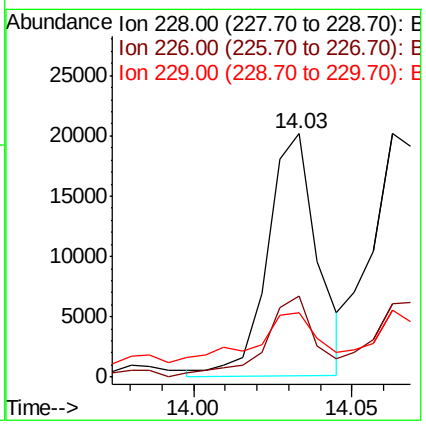


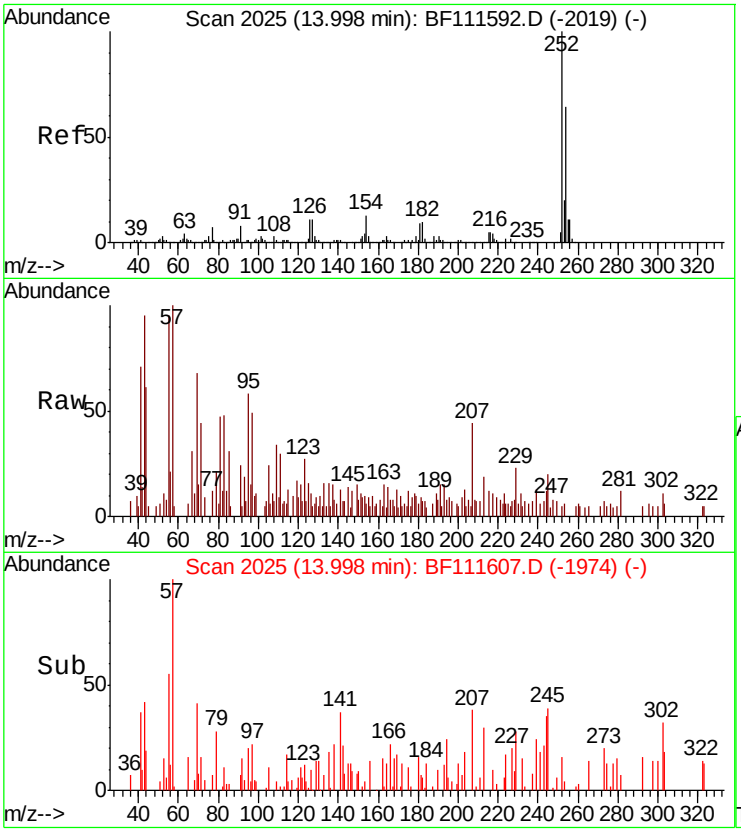


#81
Benzo(a)anthracene
Concen: 0.879 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:228 Resp: 22111

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.6	34.0
229	26.5	16.3	24.5#



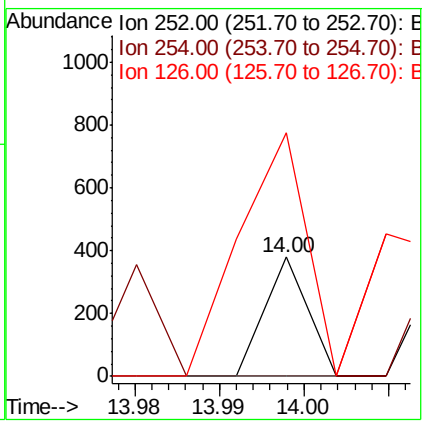


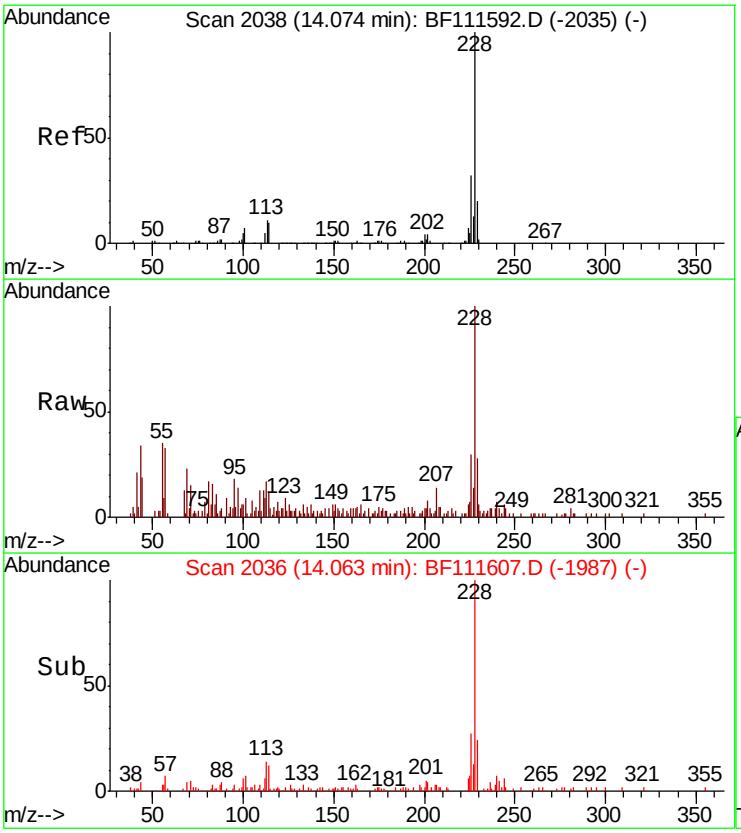
#82
3,3'-Dichlorobenzidine
Concen: 0.013 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:252 Resp: 134

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	204.5	11.1	16.7#

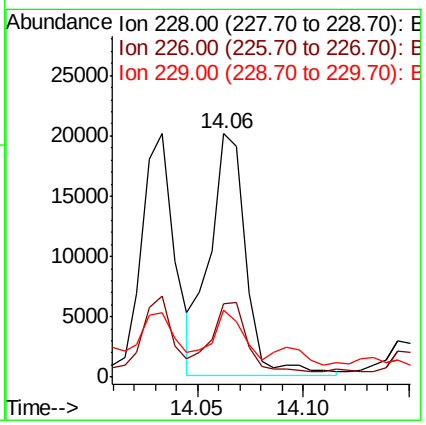


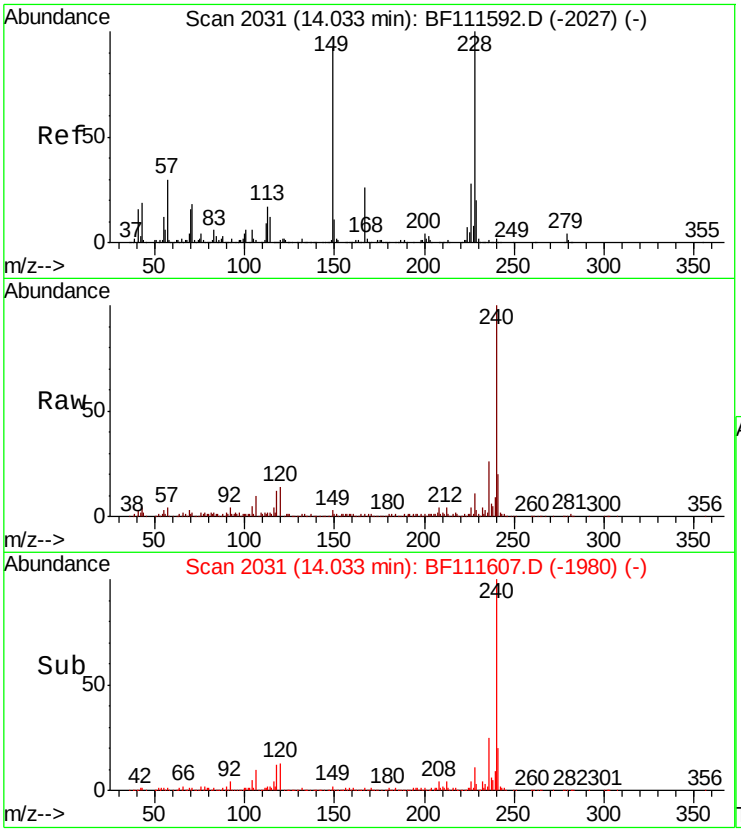


#83
Chrysene
Concen: 0.966 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:228 Resp: 23883

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.3	37.9
229	27.7	17.2	25.8#



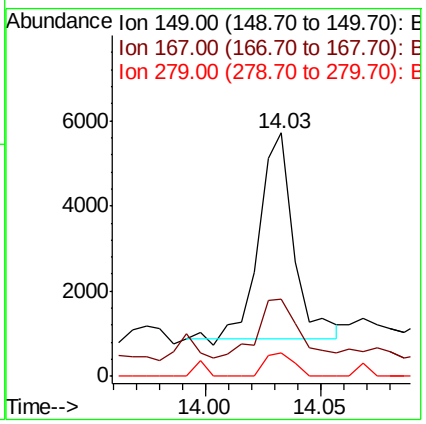


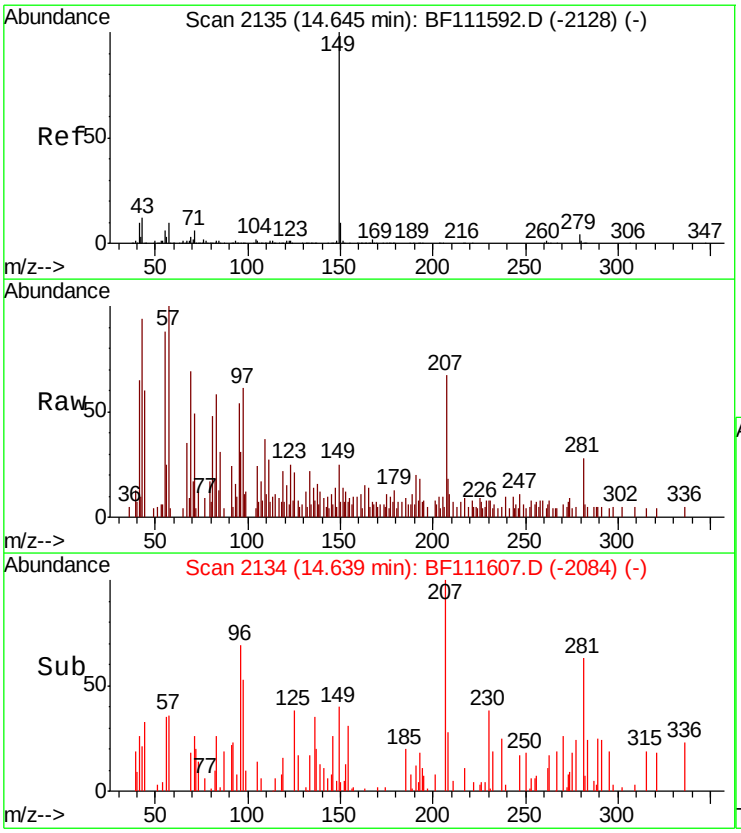
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.317 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:149 Resp: 5067

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.5	33.7
279	9.7	2.6	4.0#

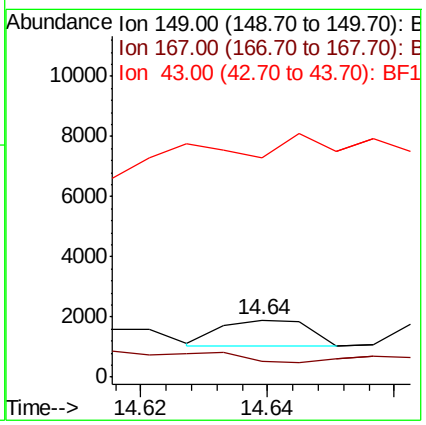


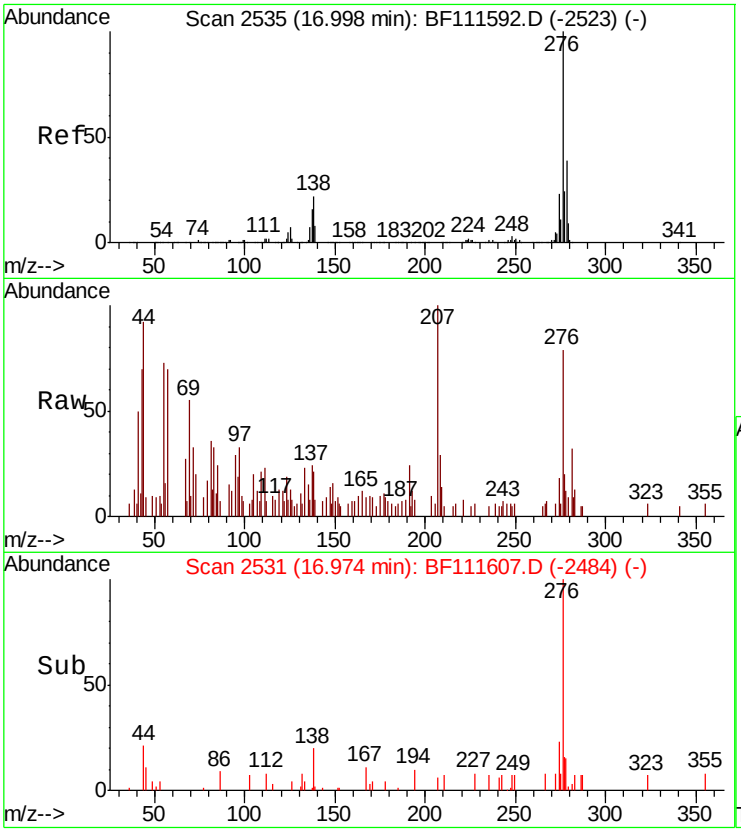


#85
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:149 Resp: 812

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.9	16.3#



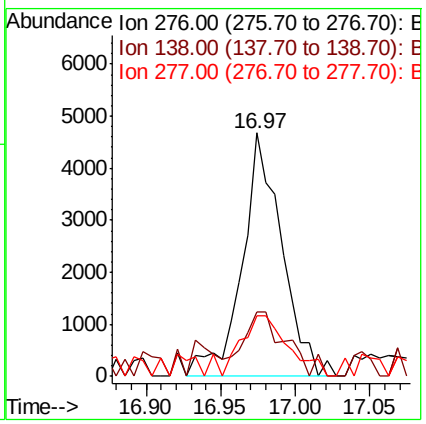


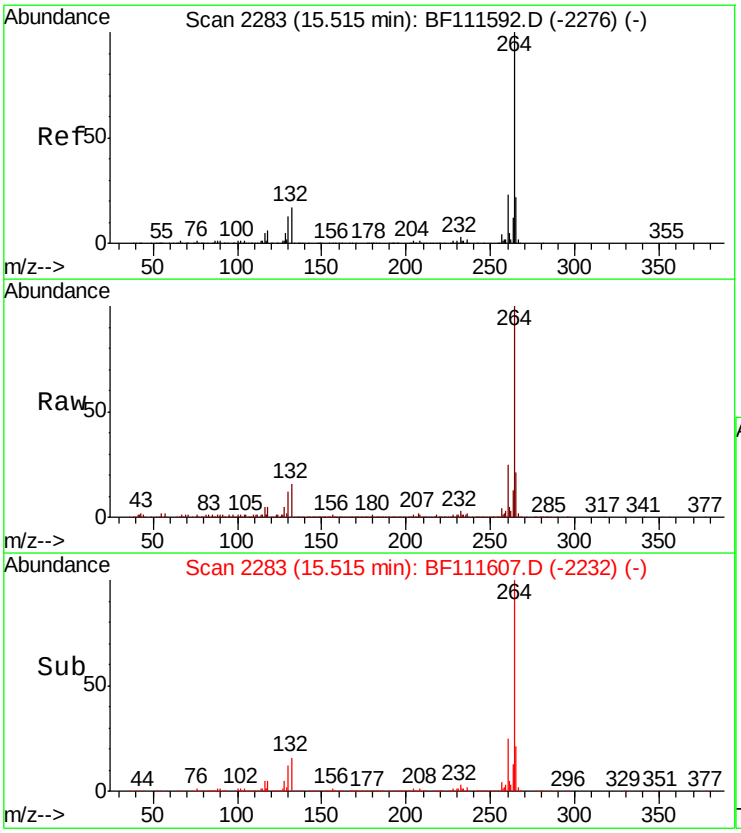
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:276 Resp: 8600

Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	31.4	20.1	30.1#

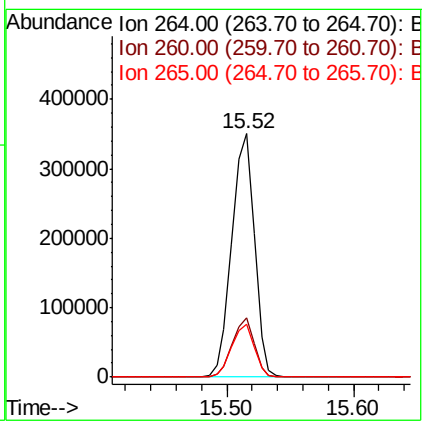


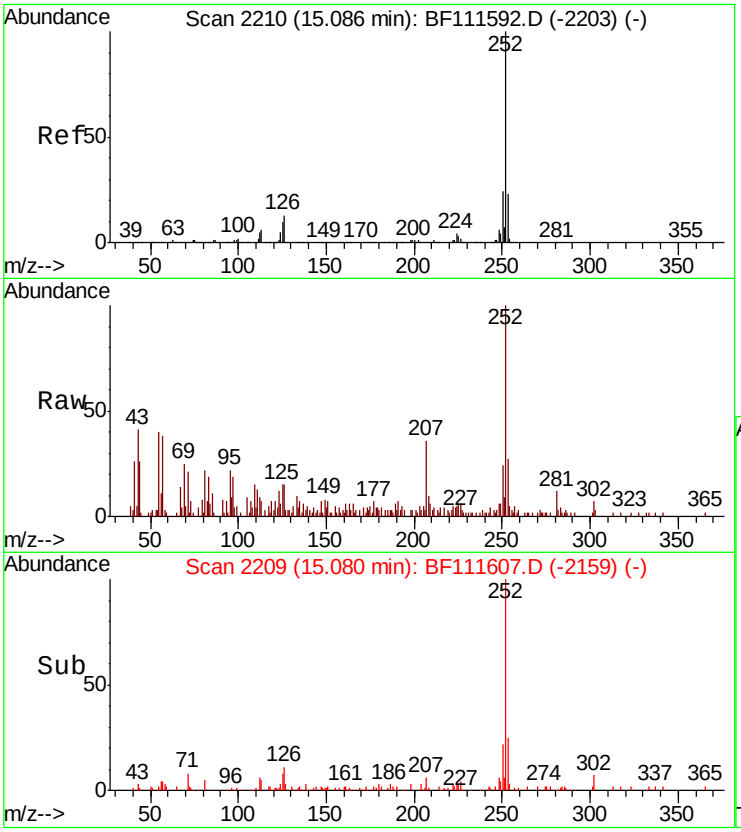


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:264 Resp: 433482

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.3	27.5
265	21.5	17.7	26.5



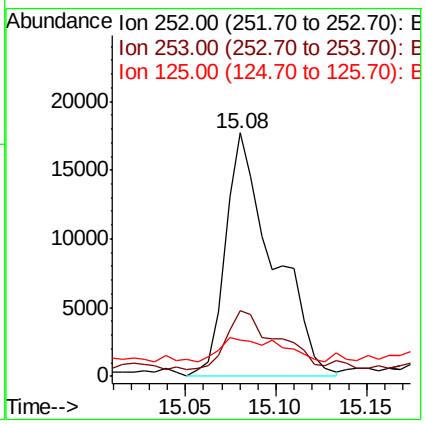


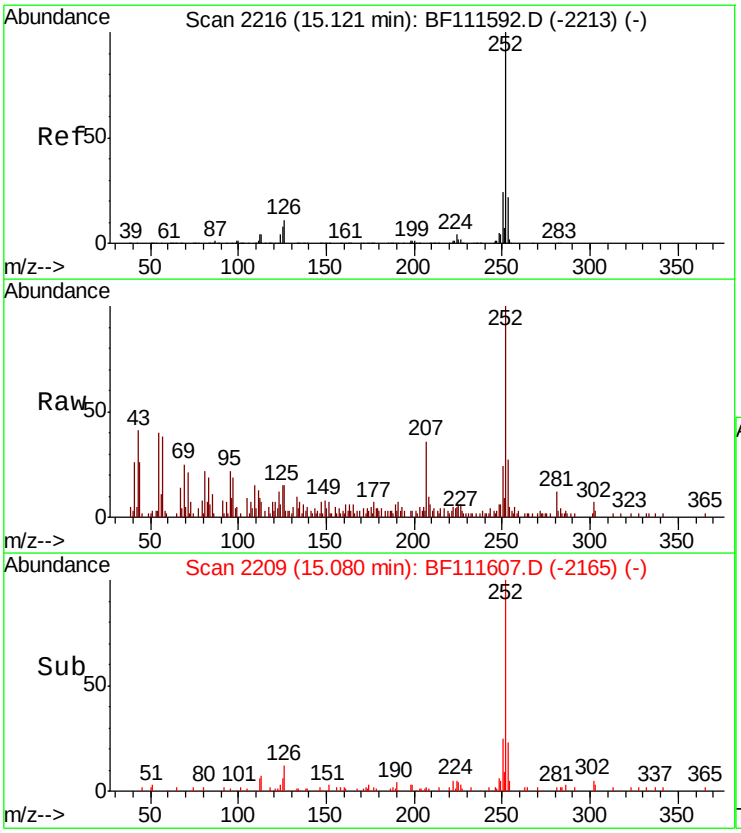
#88
Benzo(b)fluoranthene
Concen: 1.282 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:252 Resp: 32470

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.2
125	15.0	10.4	15.6

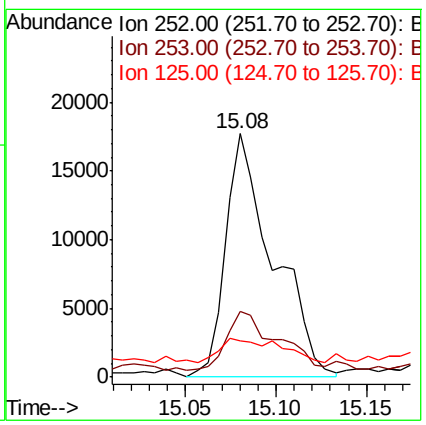


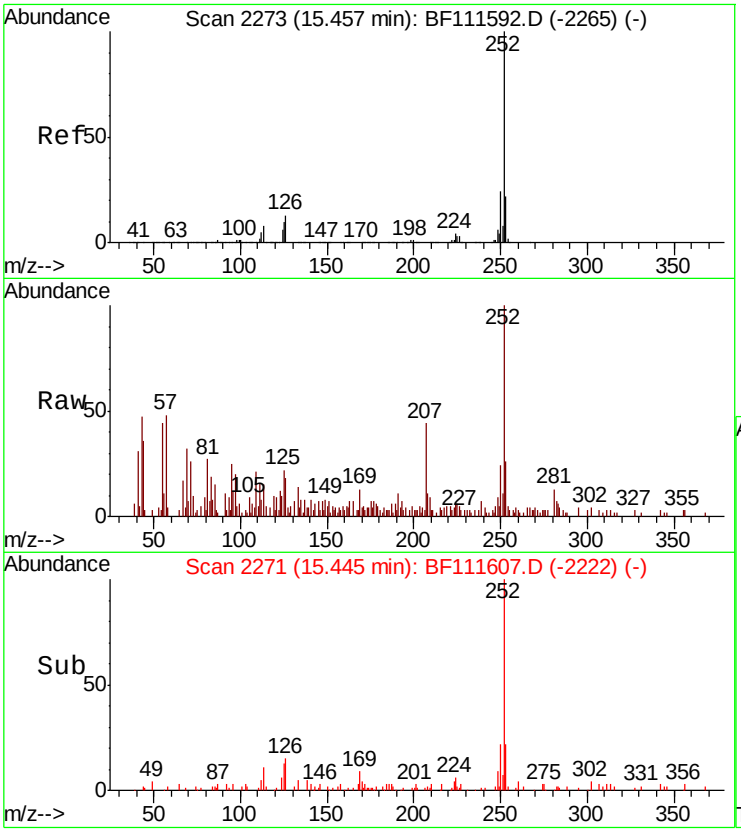


#89
Benzo(k)fluoranthene
Concen: 1.346 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:252 Resp: 32470

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	15.0	9.8	14.8#



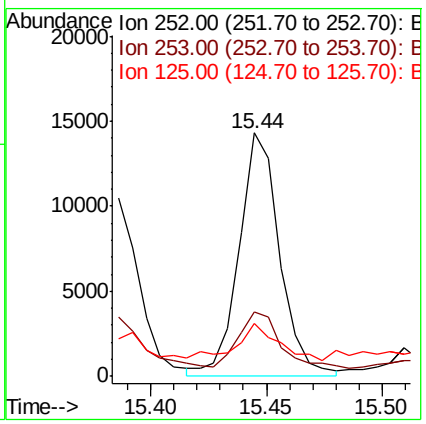


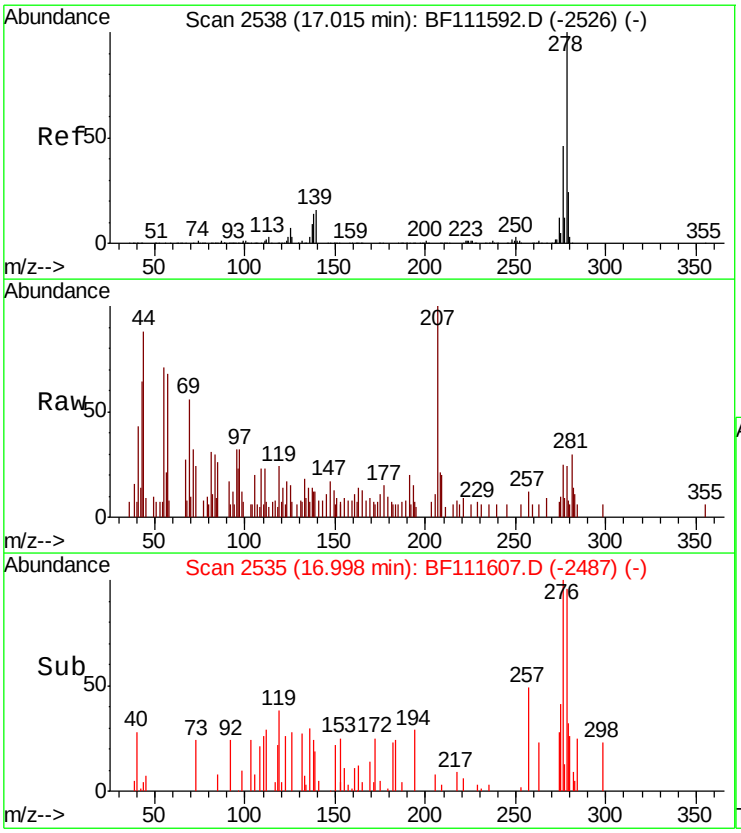
#90
Benzo(a)pyrene
Concen: 0.768 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:252 Resp: 17674

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.8
125	21.5	12.3	18.5#

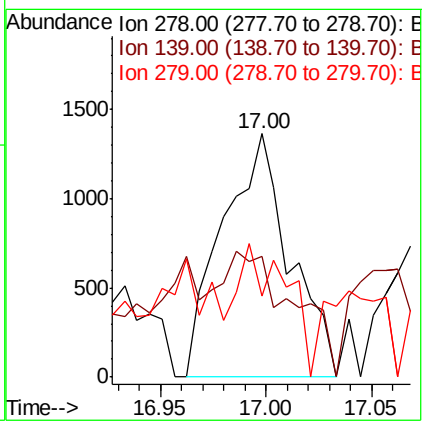


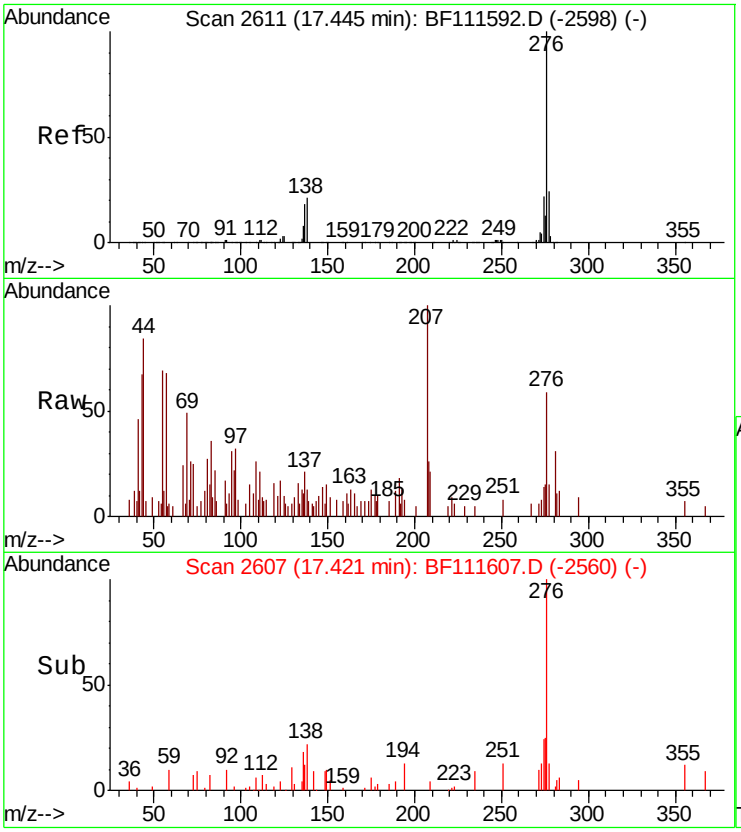


#91
Dibenzo(a,h)anthracene
Concen: 0.151 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Tgt Ion:278 Resp: 3035

Ion	Ratio	Lower	Upper
278	100		
139	49.4	18.2	27.4#
279	33.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF111607.D
Acq: 19 Dec 2018 23:06

Instrument :
BNA_F
ClientSampleId :
SLUDGE

Tgt Ion:276 Resp: 8005

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	21.8	24.9	37.3#