Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
Data File : BF112339.D
Acq On : 30 Jan 2019 23:30
Operator : JU/SJ
Sample : PB116708BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116708BSD

Quant Time: Jan 31 03:23:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	151785	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	571596	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	267583	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	475036	20.00	ng		0.00
76) Chrysene-d12	14.00	240	332441	20.00	ng		0.00
87) Perylene-d12	15.47	264	354647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	558980	78.22	ng		0.00
7) Phenol-d6	6.49	99	685475	69.03	ng		0.00
23) Nitrobenzene-d5	7.40	82	642287	64.75	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	191379	61.45	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1329362	70.26	ng		-0.01
79) Terphenyl-d14	12.94	244	1055539	59.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	107119	37.630	ng		96
3) Pyridine	3.42	79	280332	38.714	ng		98
4) n-Nitrosodimethylamine	3.36	42	132964	43.705	ng		96
6) Aniline	6.50	93	189185	16.016	ng	#	8
8) 2-Chlorophenol	6.63	128	327045	34.020	ng		95
9) Benzaldehyde	6.39	77	212585	40.960	ng		97
10) Phenol	6.50	94	367638	33.747	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	279839	32.628	ng		98
12) 1,3-Dichlorobenzene	6.78	146	360986	32.244	ng		99
13) 1,4-Dichlorobenzene	6.86	146	373036	32.376	ng		100
14) 1,2-Dichlorobenzene	7.01	146	352091	32.638	ng		97
15) Benzyl Alcohol	6.98	79	262928	31.411	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	361154	32.796	ng		62
17) 2-Methylphenol	7.10	107	250447	32.865	ng	#	91
18) Hexachloroethane	7.35	117	125613	31.046	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	218264	31.878	ng		99
20) 3+4-Methylphenols	7.26	107	323876	33.236	ng	#	65
22) Acetophenone	7.25	105	443172	31.841	ng	#	94
24) Nitrobenzene	7.42	77	321187	32.419	ng		98
25) Isophorone	7.66	82	568497	36.530	ng		99
26) 2-Nitrophenol	7.74	139	168949	31.910	ng		98
27) 2,4-Dimethylphenol	7.78	122	278637	38.197	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	365122	34.456	ng		97
29) 2,4-Dichlorophenol	7.99	162	273866	33.548	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	308981	32.928	ng		99
31) Naphthalene	8.14	128	936494	35.035	ng		99
32) Benzoic acid	7.90	122	90547	21.761	ng		97
33) 4-Chloroaniline	8.19	127	132564	11.390	ng		98
34) Hexachlorobutadiene	8.26	225	170434	30.952	ng		99
35) Caprolactam	8.55	113	81442	28.280	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	274440	31.757	ng		98
37) 2-Methylnaphthalene	8.83	142	656134	35.856	ng		99
38) 1-Methylnaphthalene	8.93	142	614411	35.030	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	299990	34.145	ng		99

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Misc :
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Instrument : BNA_F
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Quant Time: Jan 31 03:23:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	90556	33.470	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	178026	32.873	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	188015	33.218	ng		98
46) 1,1'-Biphenyl	9.29	154	801924	34.280	ng		99
47) 2-Chloronaphthalene	9.32	162	610986	33.681	ng		97
48) 2-Nitroaniline	9.42	65	166016	33.577	ng		100
49) Acenaphthylene	9.74	152	954900	35.914	ng		98
50) Dimethylphthalate	9.59	163	712200	34.257	ng		100
51) 2,6-Dinitrotoluene	9.66	165	157261	33.775	ng	#	85
52) Acenaphthene	9.91	154	548757	34.549	ng		99
53) 3-Nitroaniline	9.83	138	90345	17.910	ng		96
54) 2,4-Dinitrophenol	9.95	184	29558	19.781	ng		96
55) Dibenzofuran	10.08	168	827474	34.091	ng		96
56) 4-Nitrophenol	10.01	139	141127	52.918	ng		90
57) 2,4-Dinitrotoluene	10.07	165	202186	34.109	ng		94
58) Fluorene	10.42	166	655631	36.096	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	143852	33.632	ng		98
60) Diethylphthalate	10.29	149	706668	34.252	ng		97
61) 4-Chlorophenyl-phenylether	10.41	204	321496	32.539	ng		95
62) 4-Nitroaniline	10.44	138	146938	29.698	ng		96
63) Azobenzene	10.57	77	597233	32.914	ng		100
65) 4,6-Dinitro-2-methylphenol	10.48	198	39339	14.770	ng		92
66) n-Nitrosodiphenylamine	10.53	169	573793	35.840	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	191556	34.285	ng		96
68) Hexachlorobenzene	10.98	284	203285	33.913	ng	#	92
69) Atrazine	11.06	200	183911	35.601	ng		98
70) Pentachlorophenol	11.17	266	107475	46.079	ng		97
71) Phenanthrene	11.39	178	884017	35.795	ng		98
72) Anthracene	11.44	178	921472	37.457	ng		99
73) Carbazole	11.59	167	790842	32.590	ng		99
74) Di-n-butylphthalate	11.92	149	1036008	34.395	ng		98
75) Fluoranthene	12.57	202	843467	31.843	ng		99
77) Benzidine	12.69	184	337050	36.836	ng		95
78) Pyrene	12.80	202	834984	36.278	ng		98
80) Butylbenzylphthalate	13.41	149	379176	34.050	ng		95
81) Benzo(a)anthracene	13.99	228	718127	36.747	ng		97
82) 3,3'-Dichlorobenzidine	13.94	252	165176	22.584	ng		97
83) Chrysene	14.03	228	684656	36.702	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	524149	33.159	ng		97
85) Di-n-octyl phthalate	14.57	149	813867	33.465	ng		97
86) Indeno(1,2,3-cd)pyrene	16.95	276	748647	50.648	ng		98
88) Benzo(b)fluoranthene	15.04	252	744747	35.114	ng		99
89) Benzo(k)fluoranthene	15.07	252	690786	34.003	ng		99
90) Benzo(a)pyrene	15.41	252	714972	37.464	ng		98
91) Dibenzo(a,h)anthracene	16.95	278	640355	41.633	ng		99
92) Benzo(g,h,i)perylene	17.39	276	595648	41.048	ng		97

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

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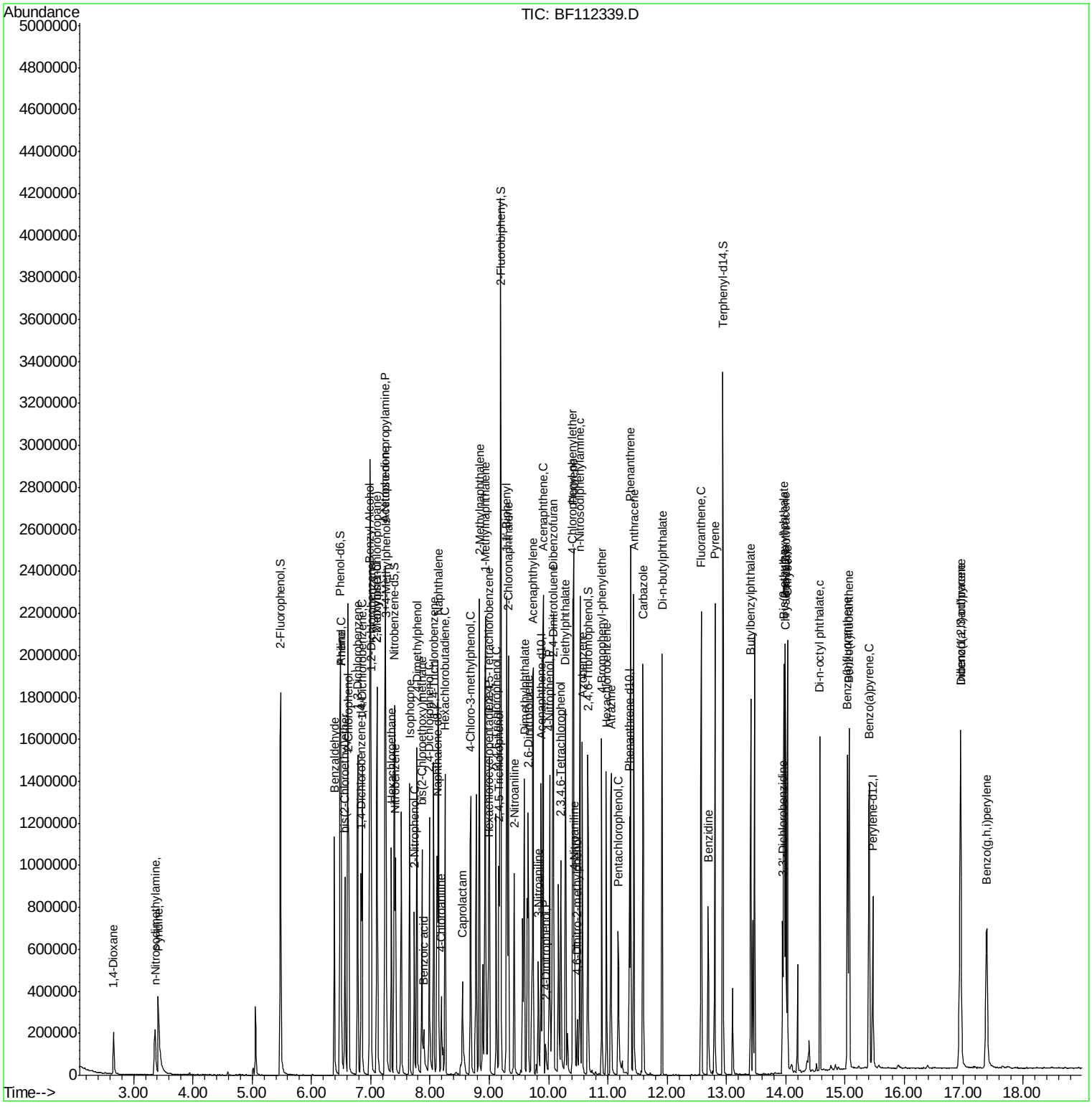
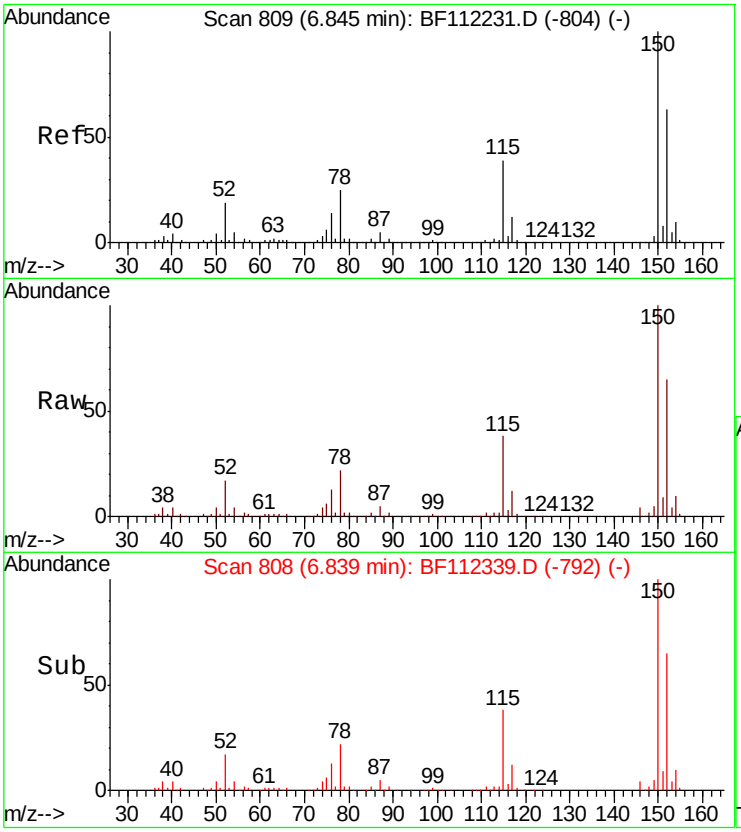


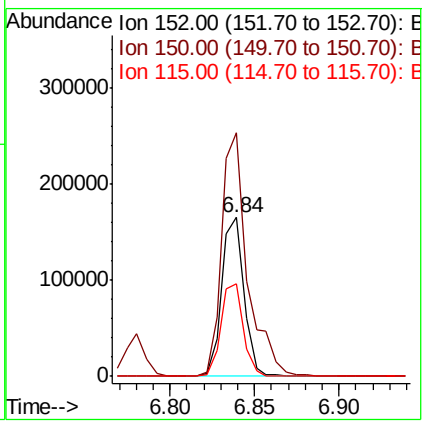


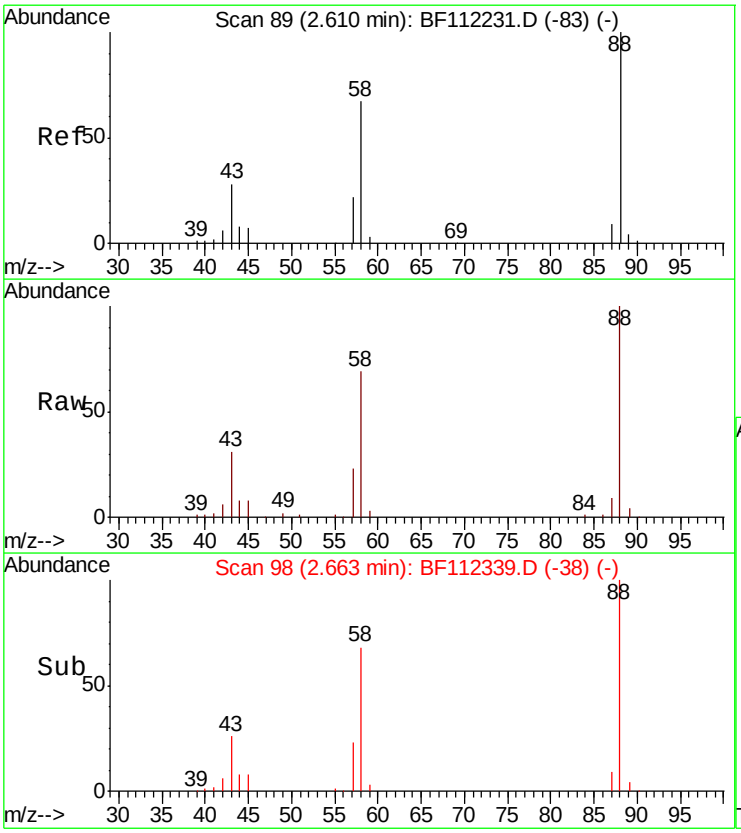
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:152 Resp: 151785

Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.4	191.0
115	58.0	45.5	68.3

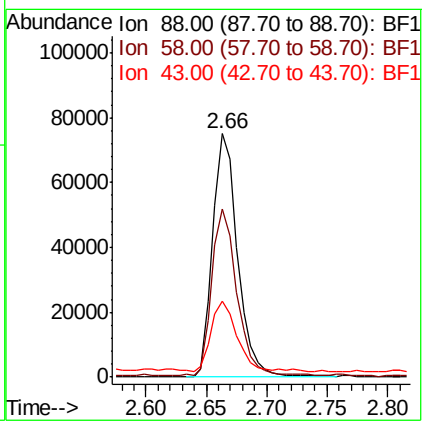


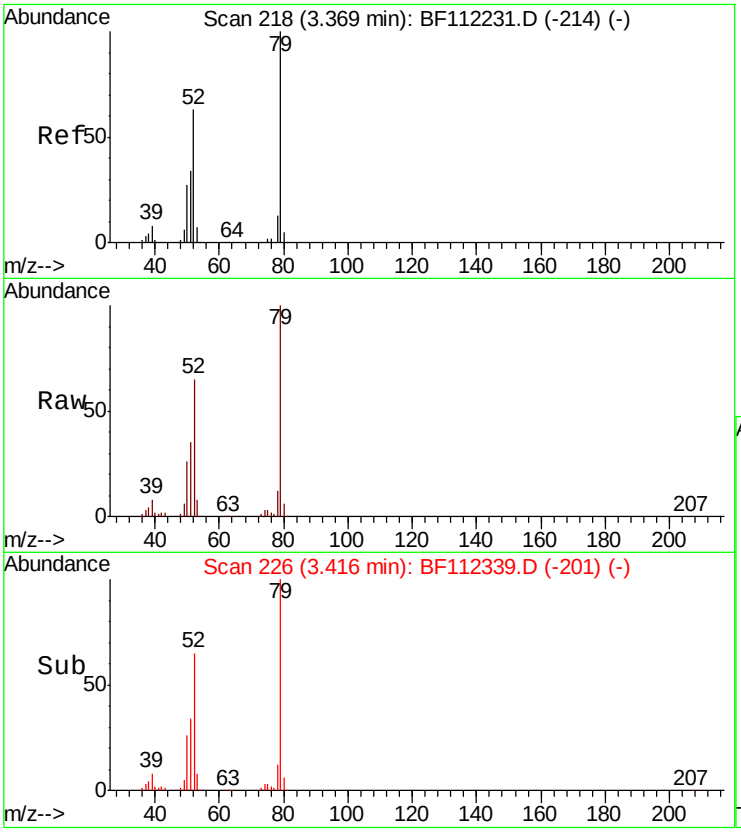


#2
1,4-Dioxane
Concen: 37.630 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 88 Resp: 107119

Ion	Ratio	Lower	Upper
88	100		
58	69.1	57.4	86.2
43	30.2	22.2	33.4



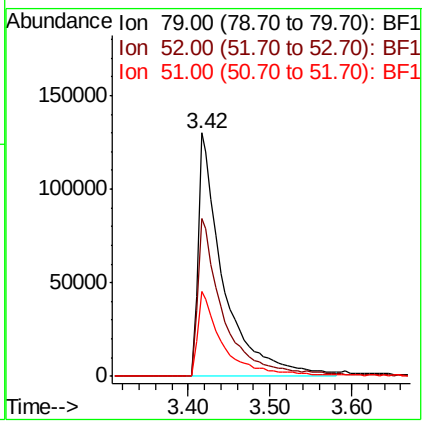


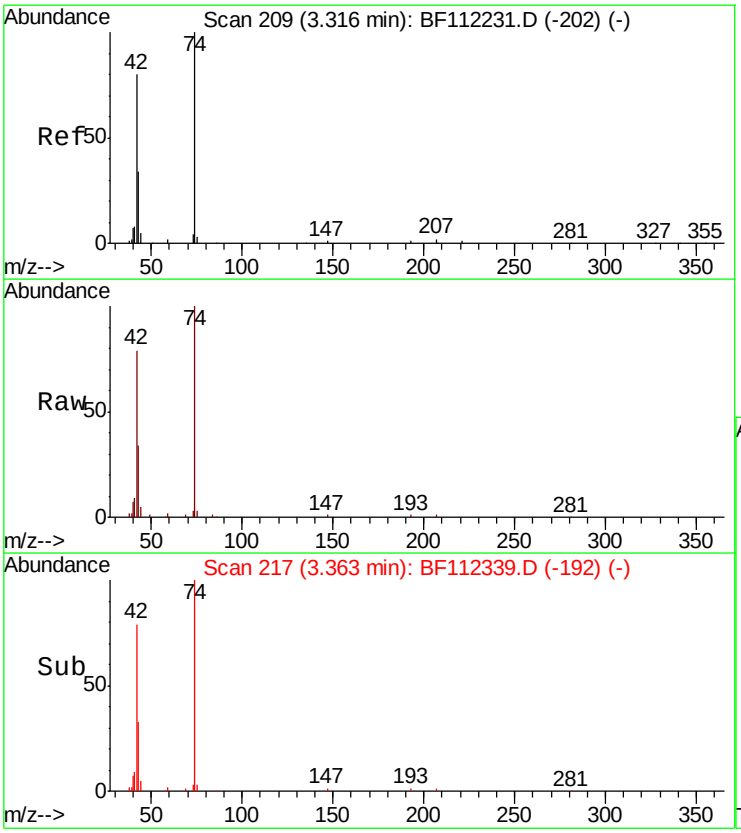
#3
Pyridine
Concen: 38.714 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.05 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 79 Resp: 280332

Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.4	78.6
51	34.7	26.1	39.1

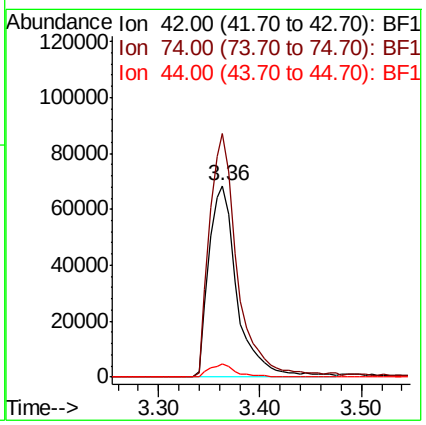


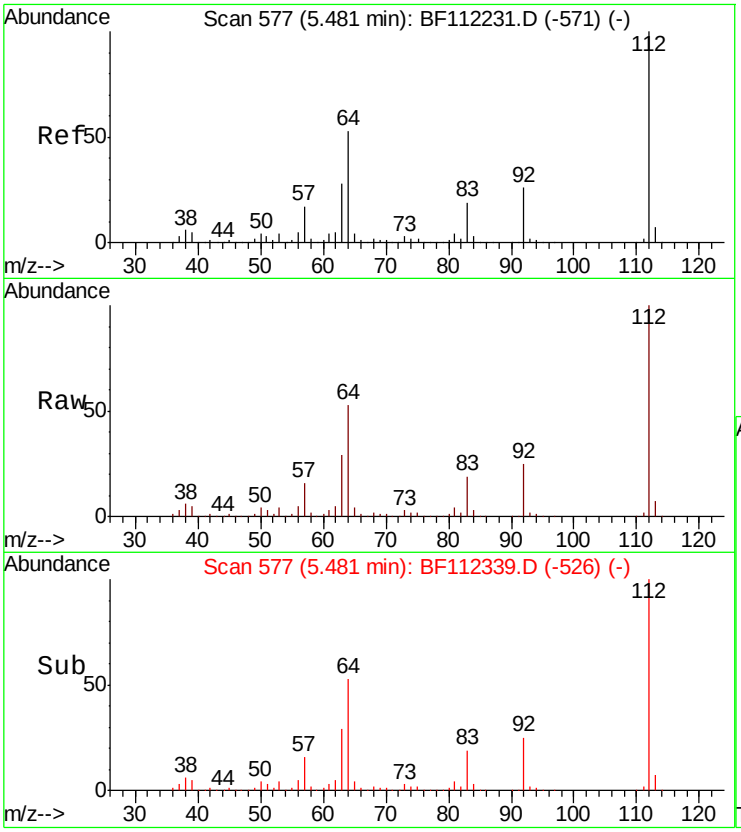


#4
n-Nitrosodimethylamine
Concen: 43.705 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.05 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 42 Resp: 132964

Ion	Ratio	Lower	Upper
42	100		
74	127.3	105.6	158.4
44	6.6	5.4	8.2



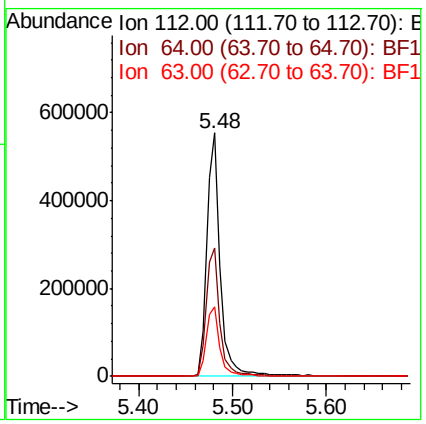


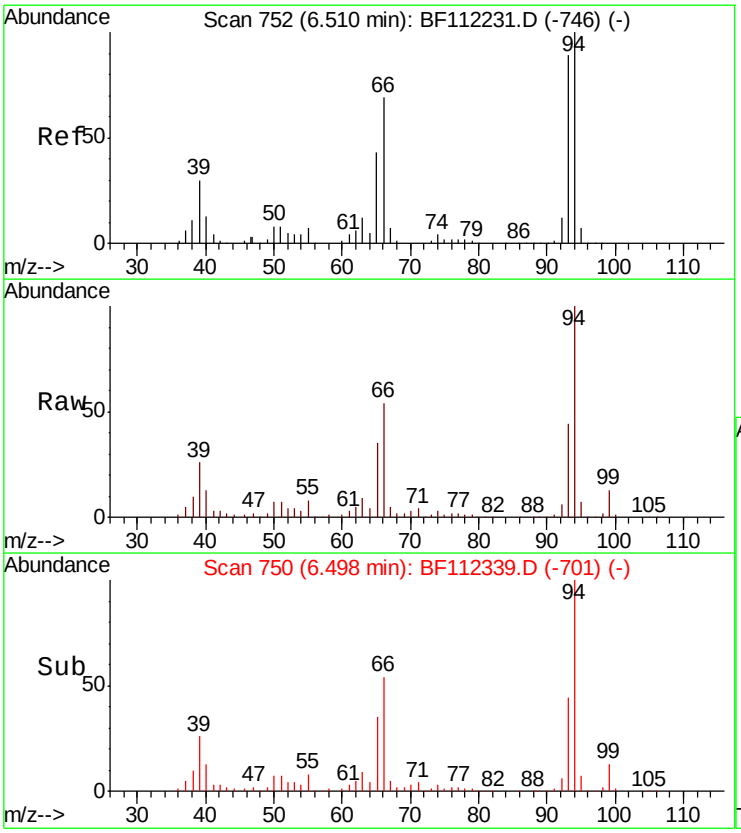
#5
2-Fluorophenol
Concen: 78.223 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:112 Resp: 558980

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.7	68.5
63	28.7	23.6	35.4

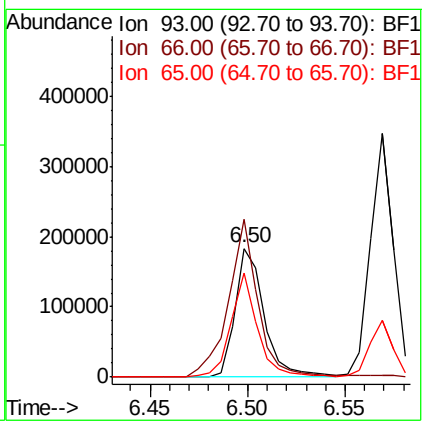


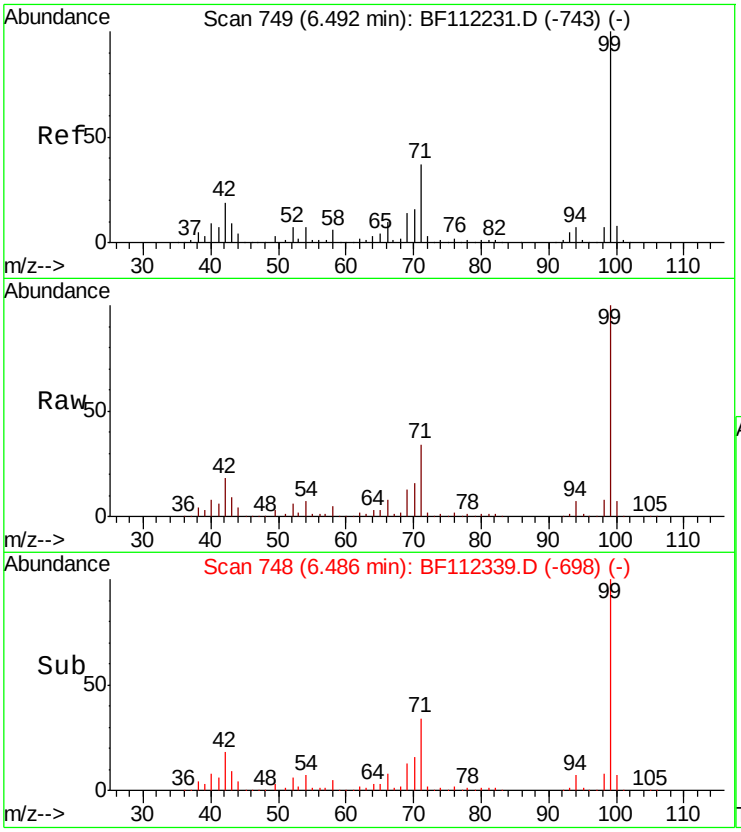


#6
Aniline
Concen: 16.016 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 93 Resp: 189185

Ion	Ratio	Lower	Upper
93	100		
66	121.8	43.4	65.2#
65	80.2	25.3	37.9#



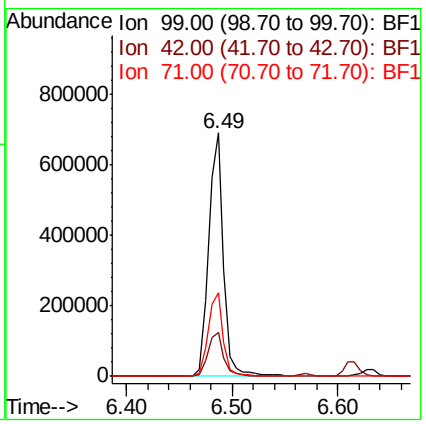


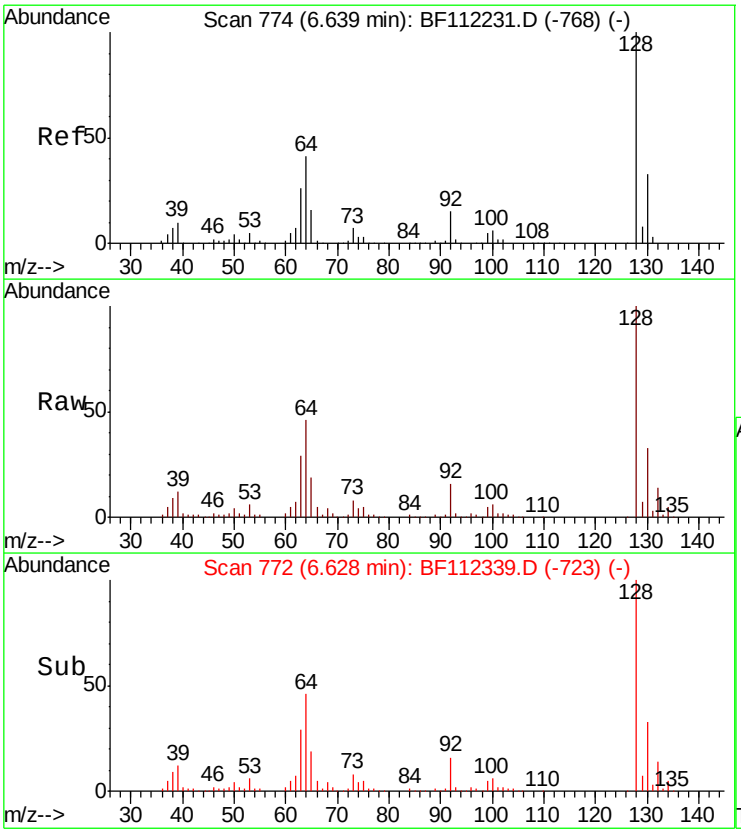
#7
Phenol-d6
Concen: 69.033 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 99 Resp: 685475

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.1	22.7
71	34.5	26.9	40.3

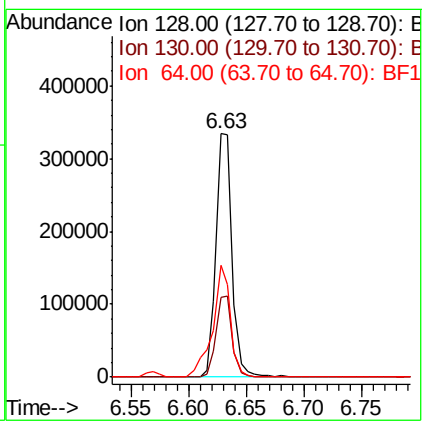


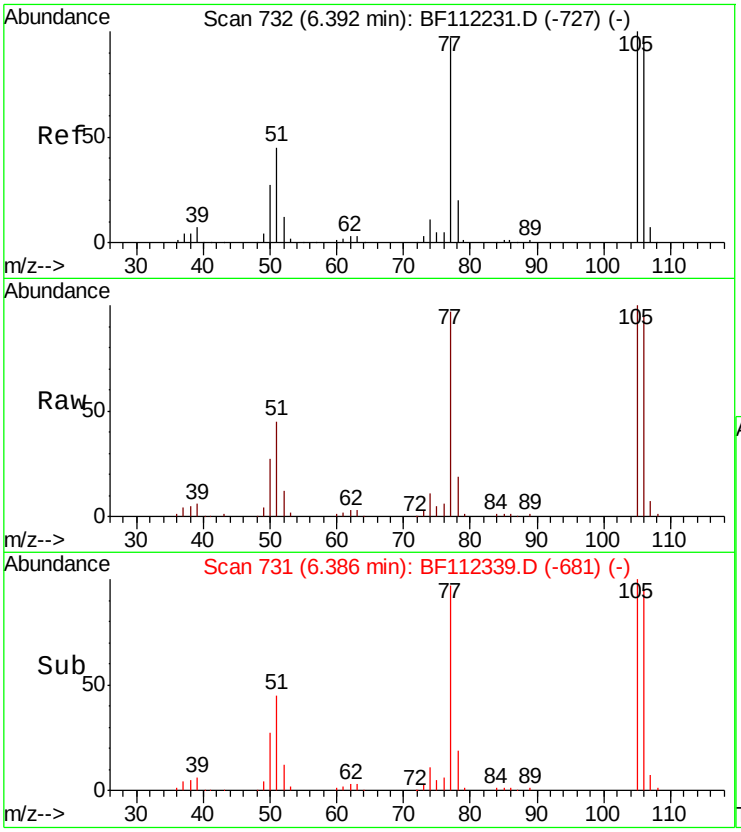


#8
2-Chlorophenol
Concen: 34.020 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:128 Resp: 327045

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.4	53.4
64	45.8	20.5	60.5



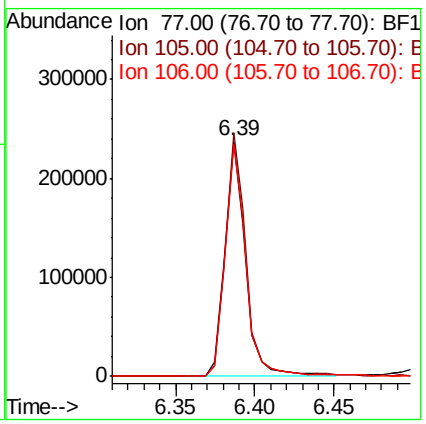


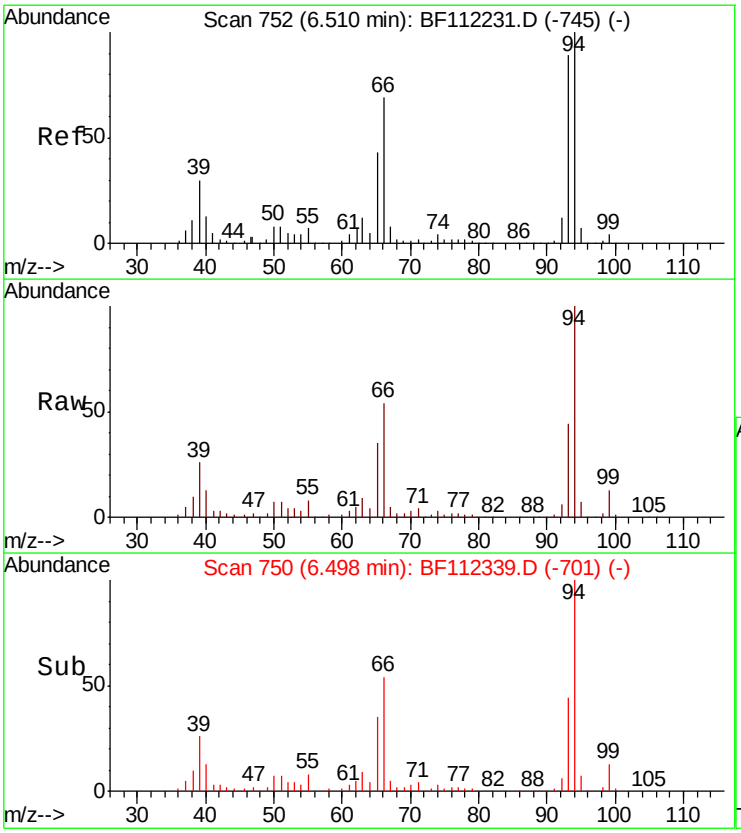
#9
Benzaldehyde
Concen: 40.960 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 77 Resp: 212585

Ion	Ratio	Lower	Upper
77	100		
105	103.5	80.8	120.8
106	98.4	75.7	115.7

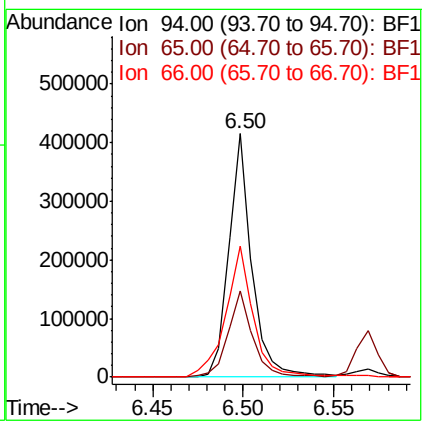


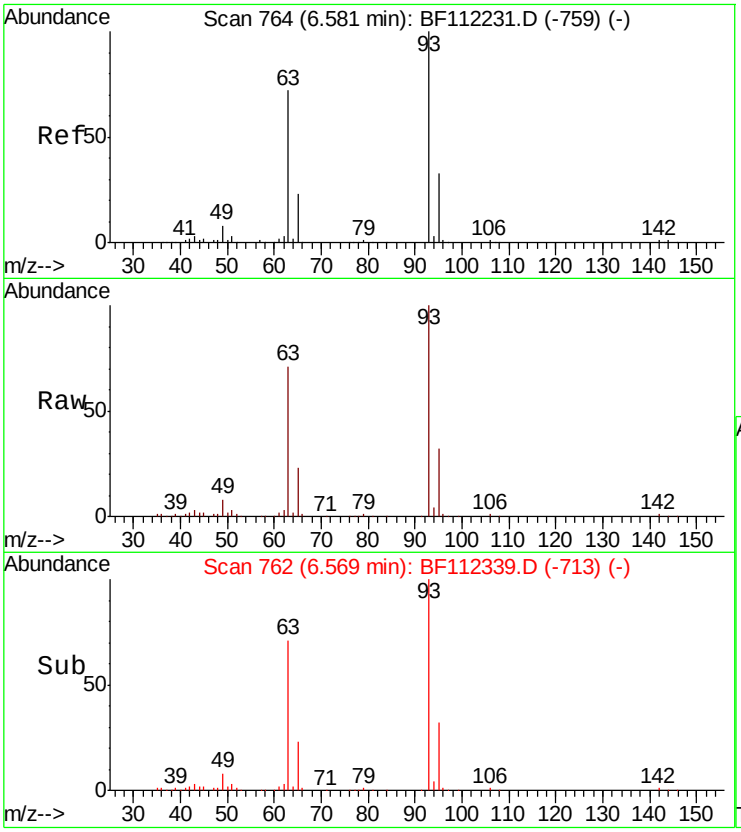


#10
Phenol
Concen: 33.747 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 94 Resp: 367638

Ion	Ratio	Lower	Upper
94	100		
65	35.5	20.3	60.3
66	53.9	42.4	82.4



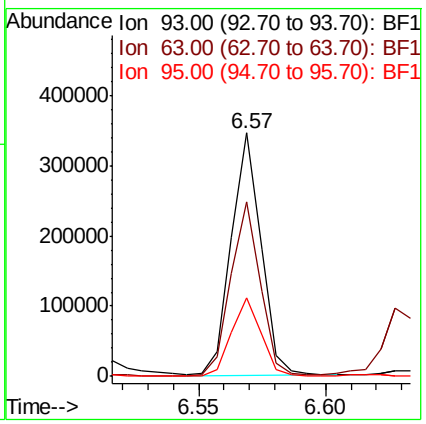


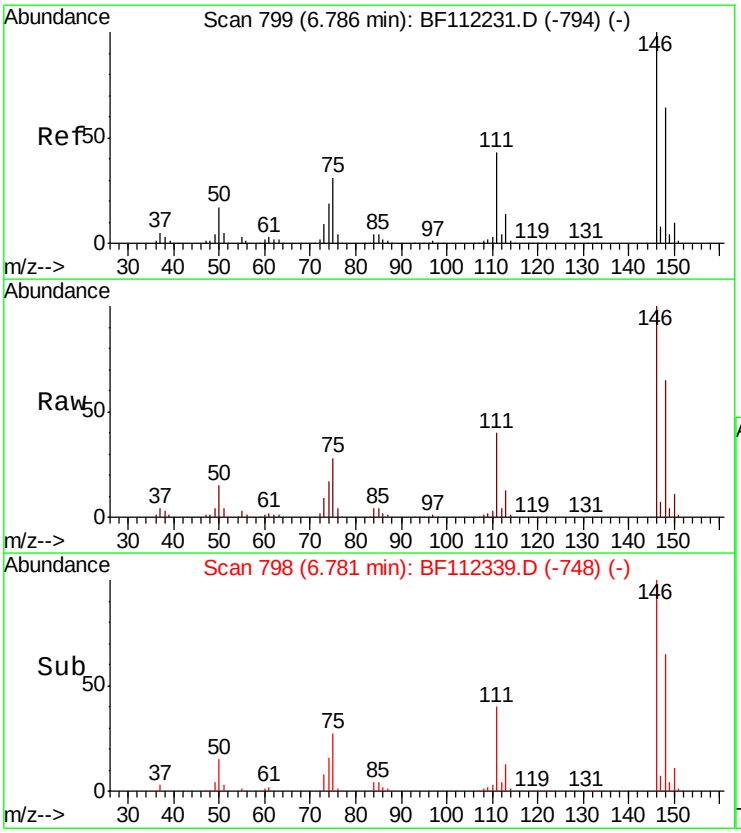
#11
bis(2-Chloroethyl)ether
Concen: 32.628 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 93 Resp: 279839

Ion	Ratio	Lower	Upper
93	100		
63	71.4	53.3	93.3
95	32.3	13.4	53.4

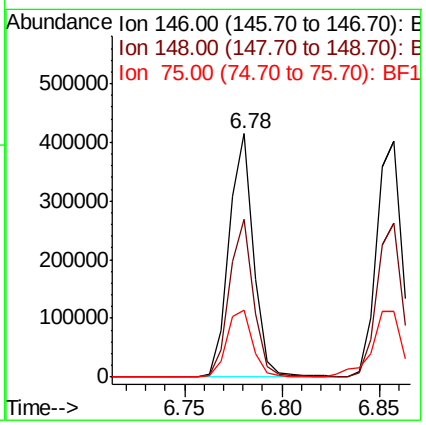


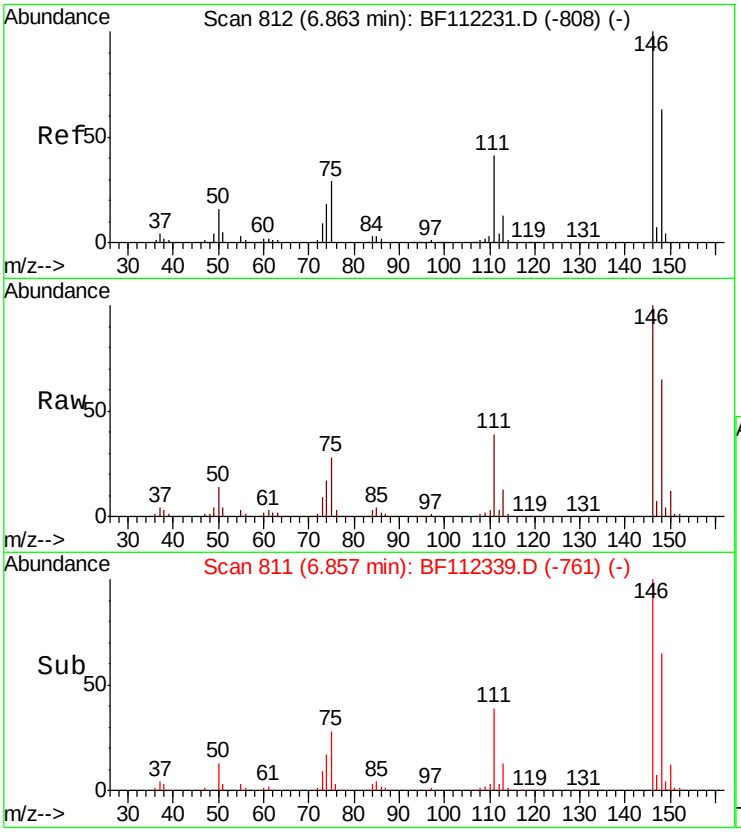


#12
1,3-Dichlorobenzene
Concen: 32.244 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:146 Resp: 360986

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	27.7	23.1	34.7



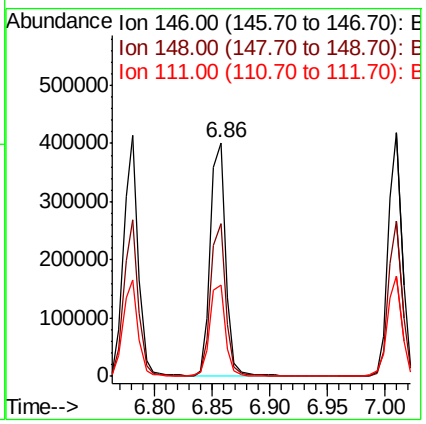


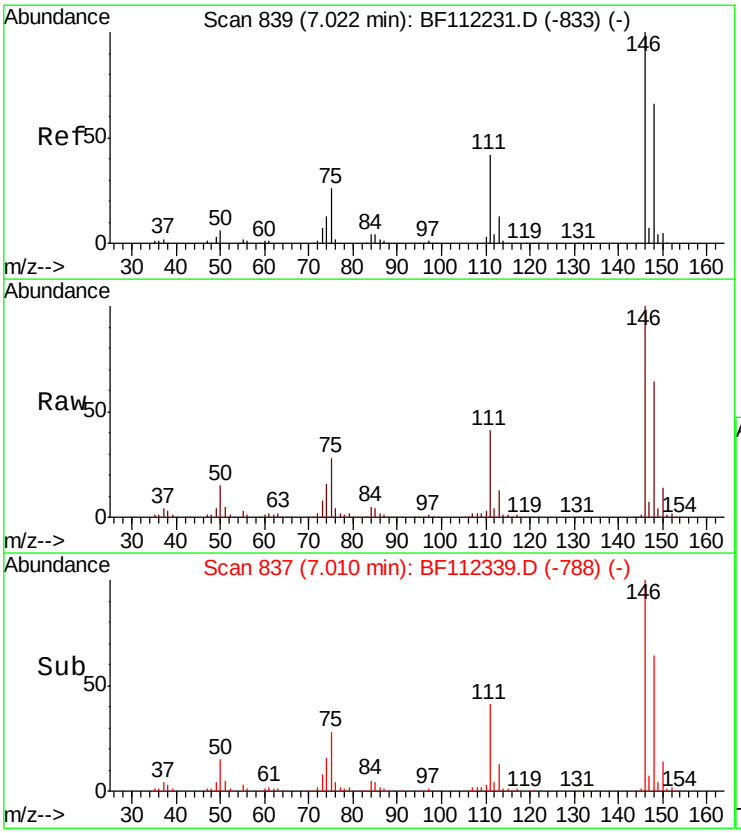
#13
1,4-Dichlorobenzene
Concen: 32.376 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:146 Resp: 373036

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.0	78.0
111	39.3	31.2	46.8

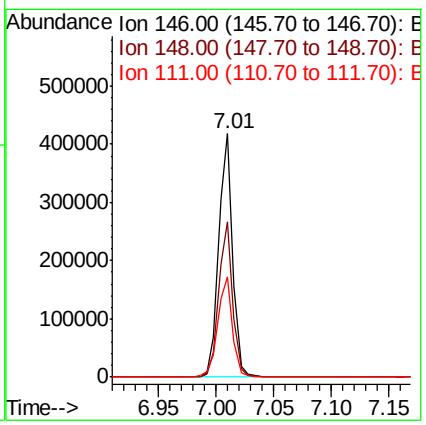


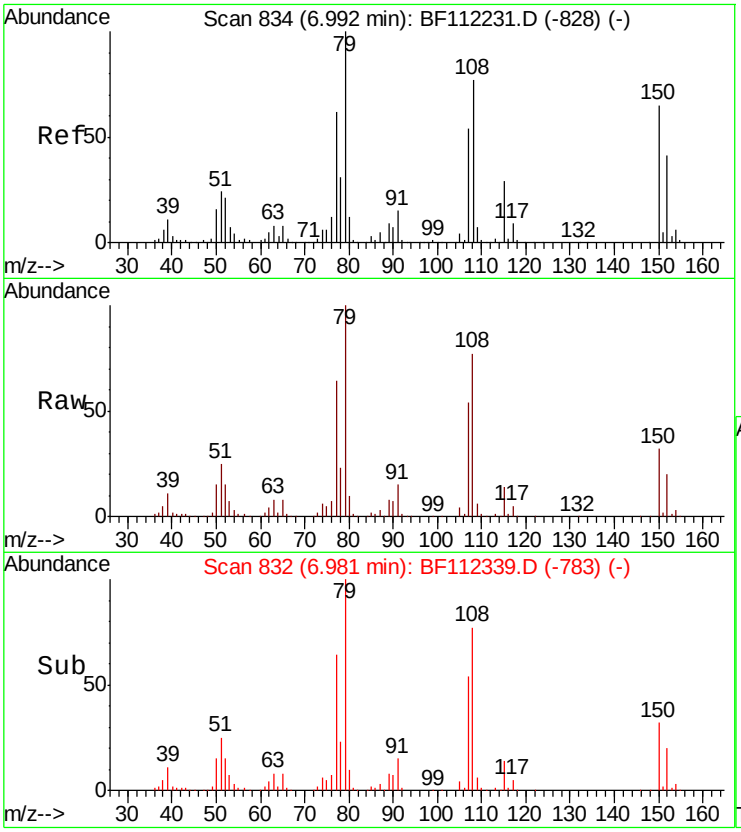


#14
1,2-Dichlorobenzene
Concen: 32.638 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:146 Resp: 352091

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	41.2	31.2	46.8



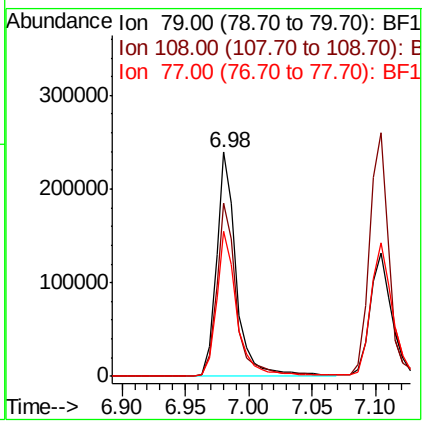


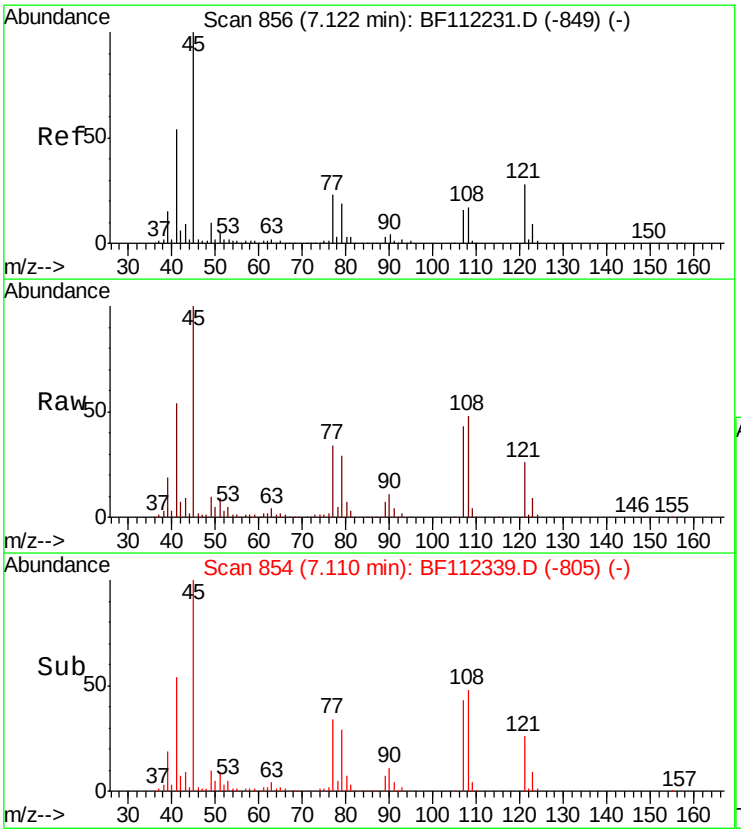
#15
Benzyl Alcohol
Concen: 31.411 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 79 Resp: 262928

Ion	Ratio	Lower	Upper
79	100		
108	76.9	64.2	96.2
77	64.4	50.3	75.5

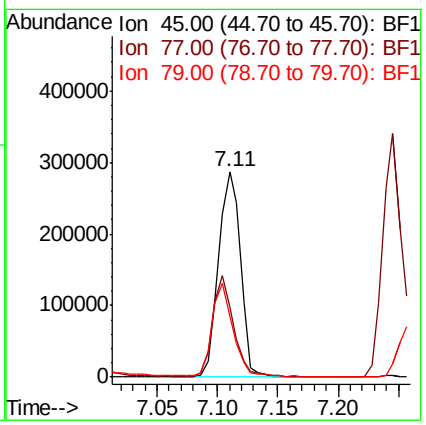


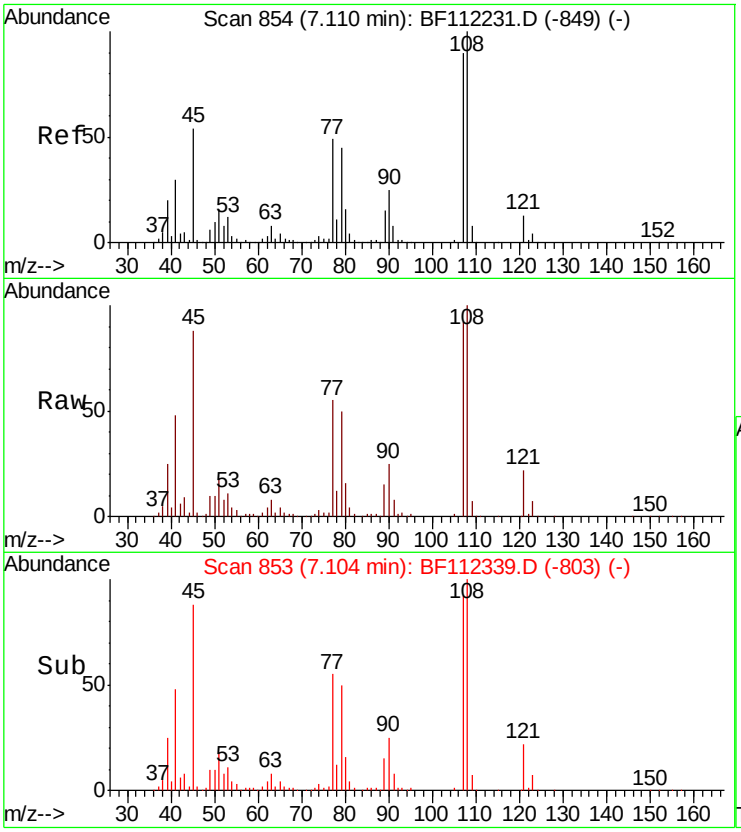


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.796 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 45 Resp: 361154

Ion	Ratio	Lower	Upper
45	100		
77	33.7	0.0	36.9
79	29.3	0.0	34.0



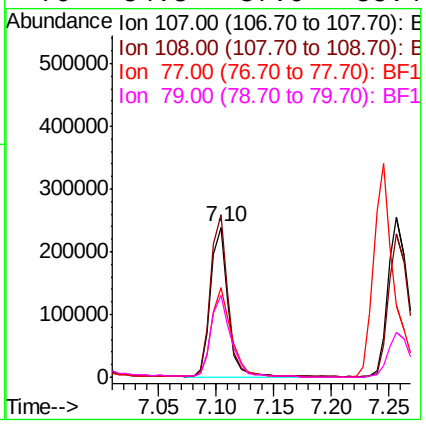


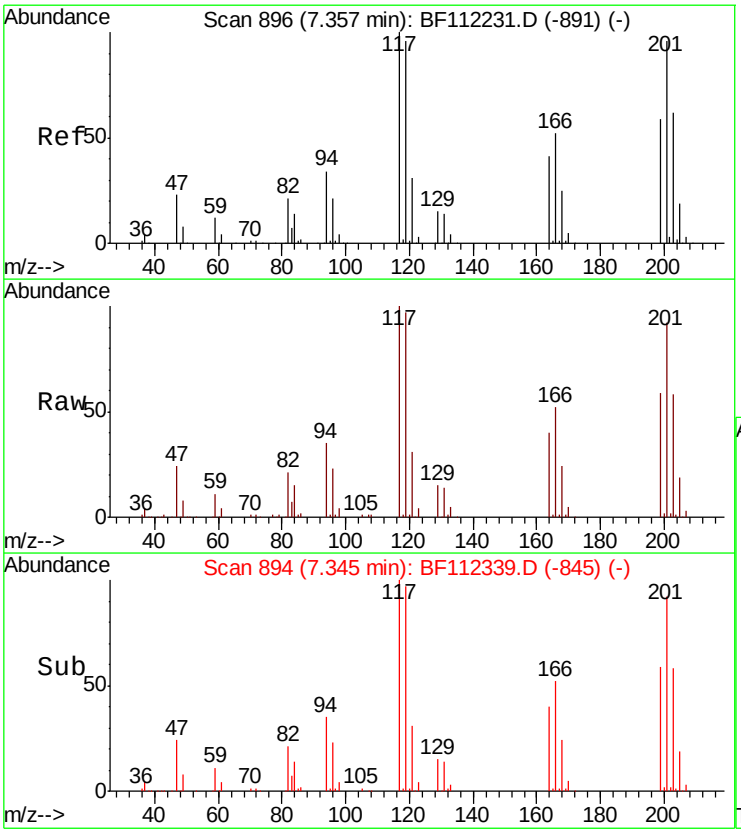
#17
2-Methylphenol
Concen: 32.865 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:107 Resp: 250447

Ion	Ratio	Lower	Upper
107	100		
108	108.6	91.3	136.9
77	59.4	39.0	58.6#
79	54.8	37.0	55.4

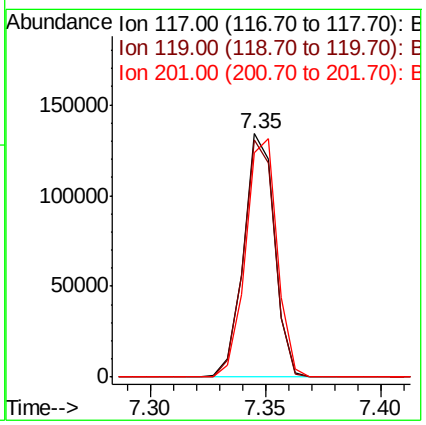


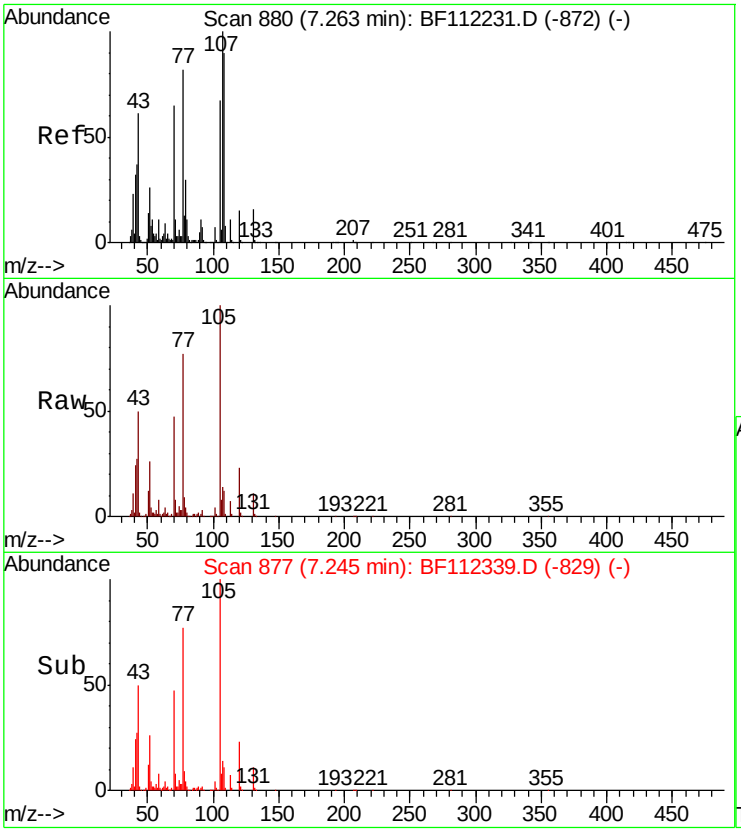


#18
Hexachloroethane
Concen: 31.046 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:117 Resp: 125613

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.0	115.4
201	92.3	74.1	111.1



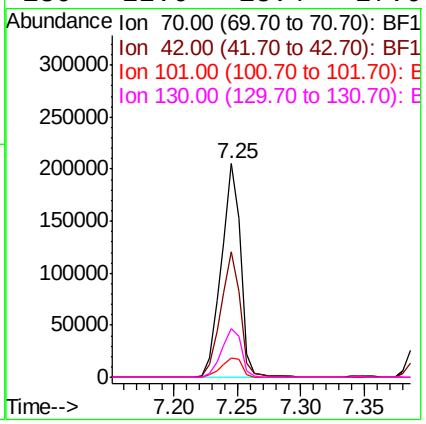


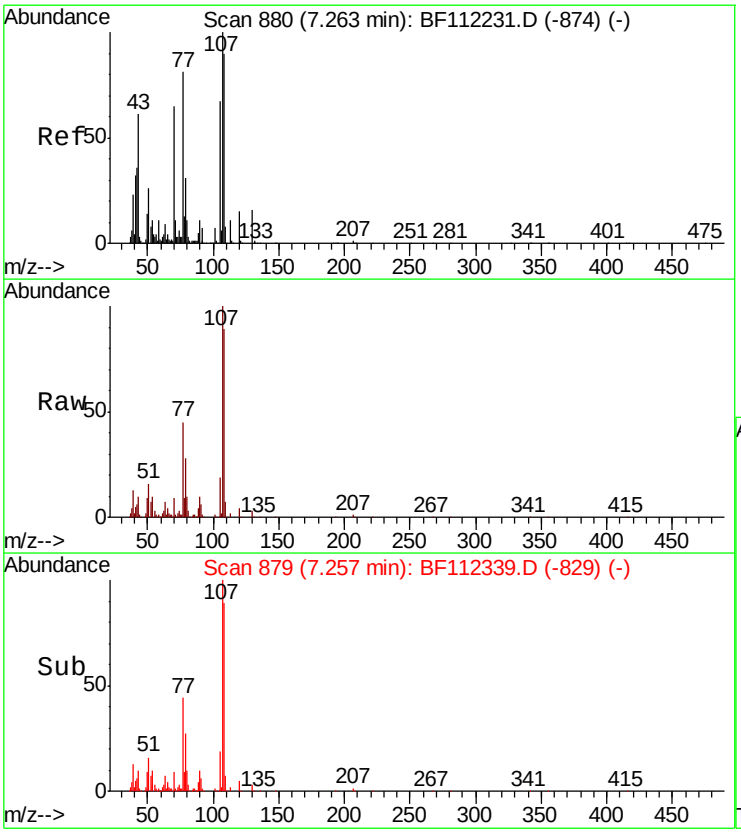
#19
n-Nitroso-di-n-propylamine
Concen: 31.878 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 70 Resp: 218264

Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.6	71.4
101	8.9	7.9	11.9
130	22.6	18.4	27.6

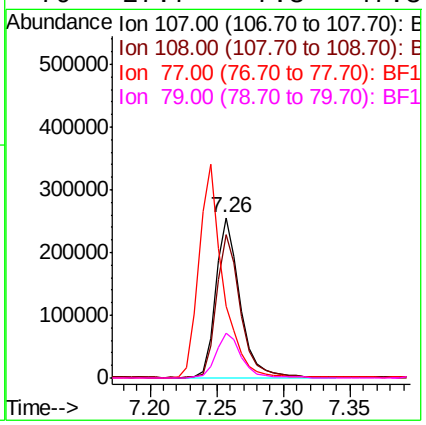


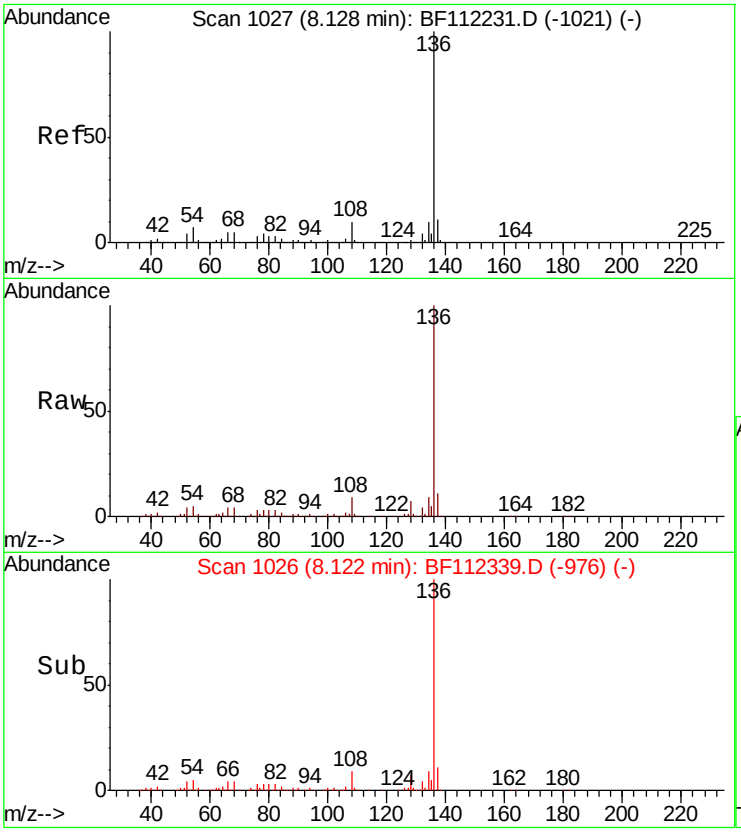


#20
3+4-Methylphenols
Concen: 33.236 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:107 Resp: 323876

Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	44.8	100.7	140.7#
79	27.7	7.3	47.3



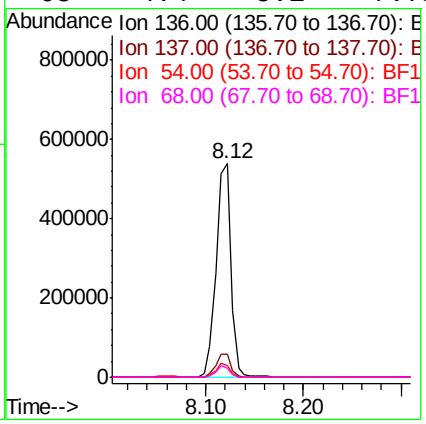


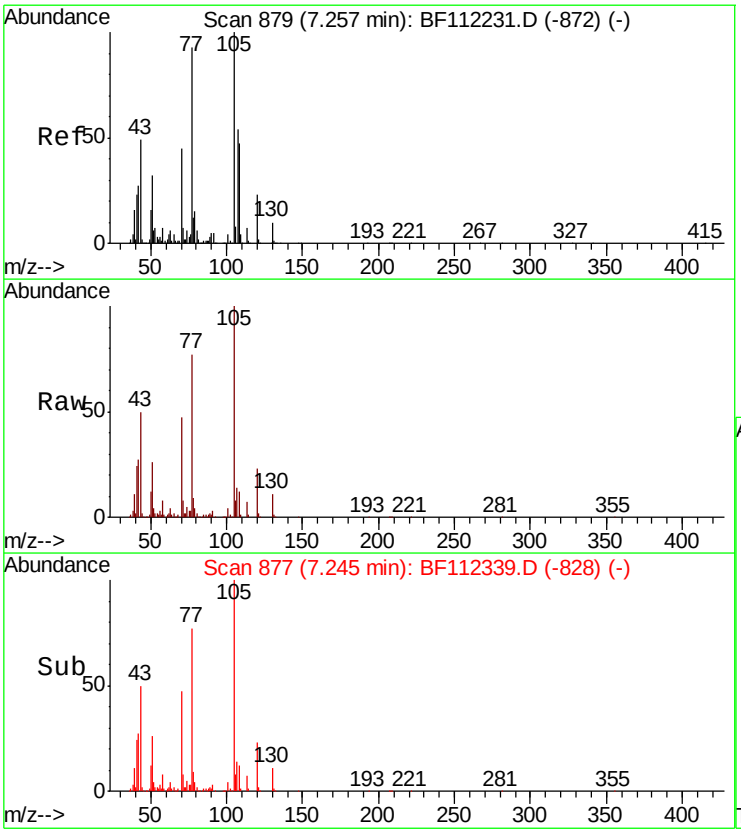
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:136 Resp: 571596

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.5	5.9	8.9#
68	4.4	5.1	7.7#

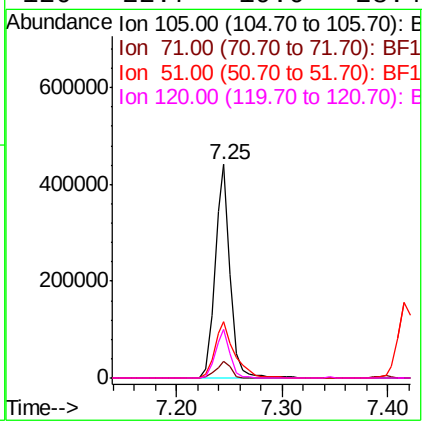


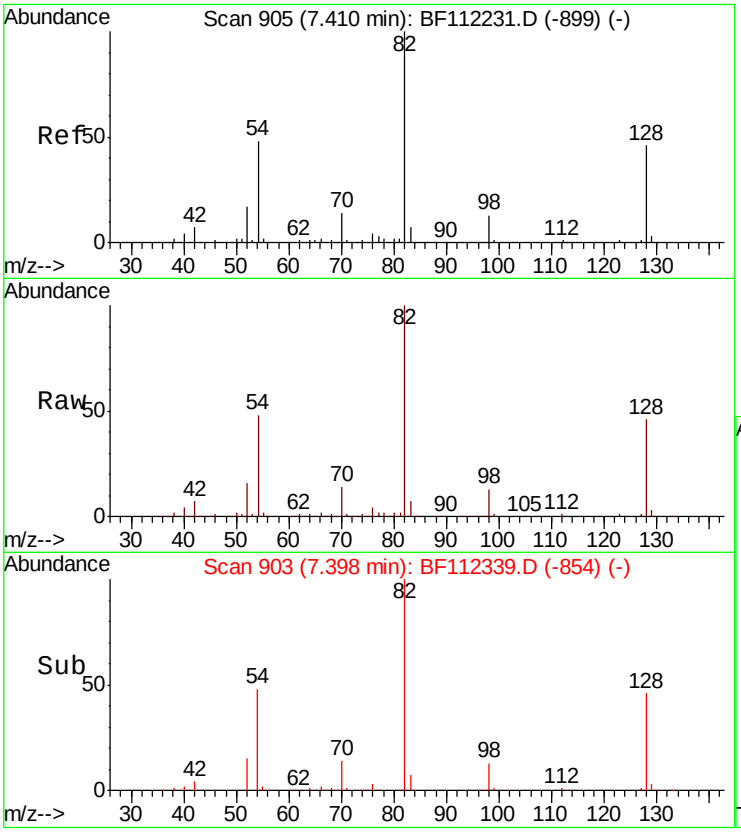


#22
Acetophenone
Concen: 31.841 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:105 Resp: 443172

Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.6	6.8#
51	26.1	25.0	37.6
120	22.7	19.0	28.4



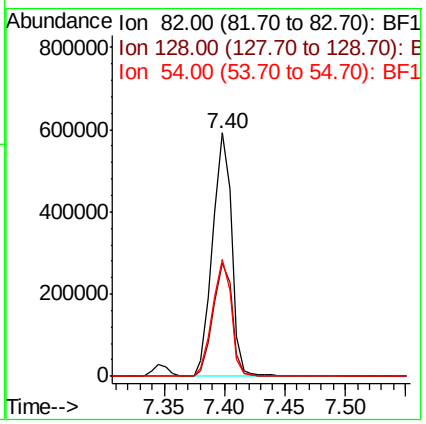


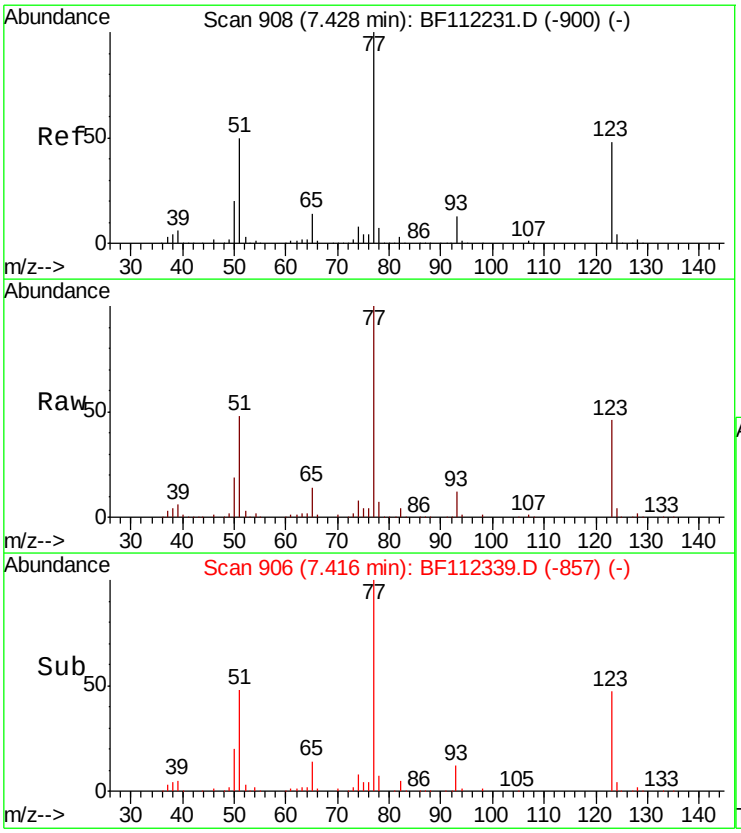
#23
Nitrobenzene-d5
Concen: 64.746 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 82 Resp: 642287

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	48.0	39.7	59.5

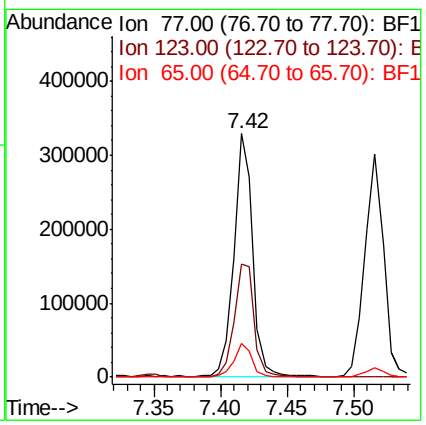


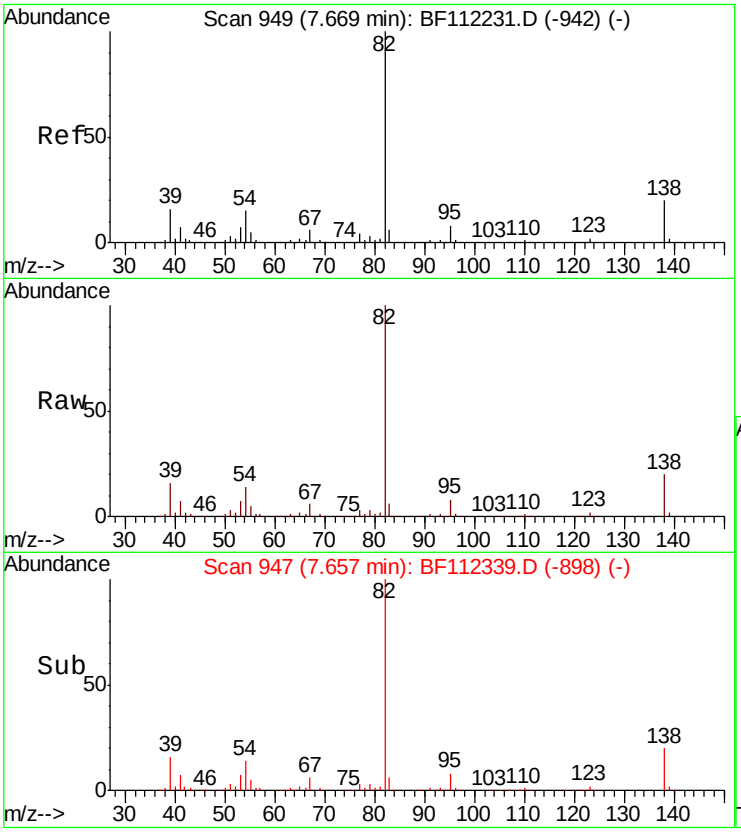


#24
Nitrobenzene
Concen: 32.419 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 77 Resp: 321187

Ion	Ratio	Lower	Upper
77	100		
123	46.4	38.4	57.6
65	13.6	10.6	15.8



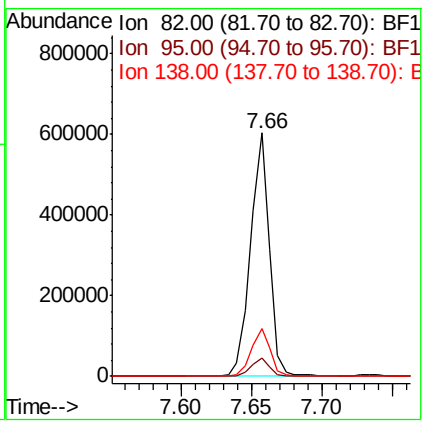


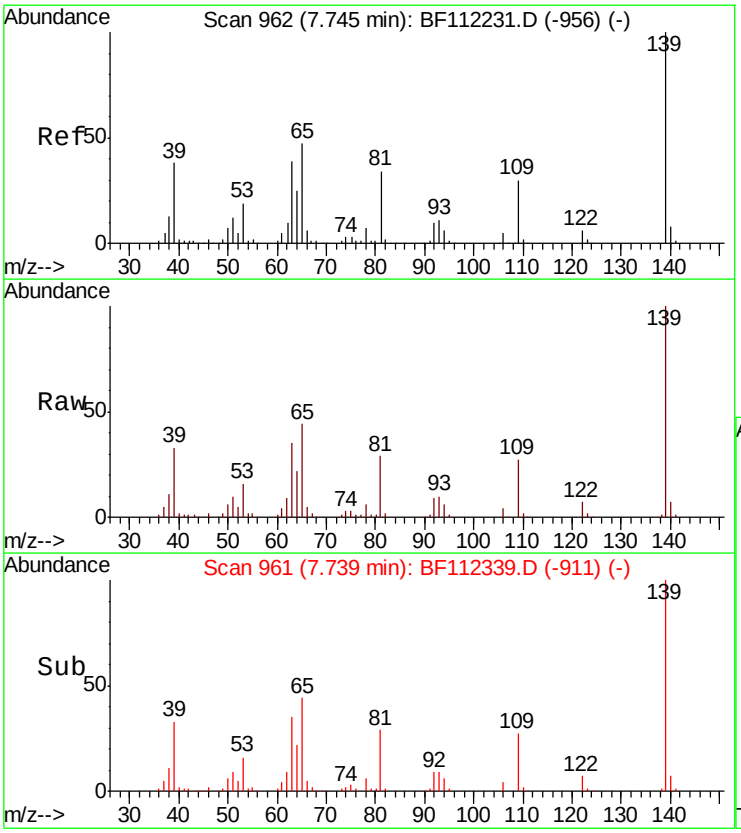
#25
Isophorone
Concen: 36.530 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 82 Resp: 568497

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.7	8.5
138	19.8	15.4	23.0

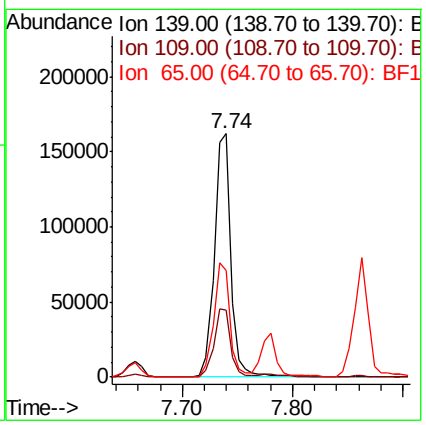


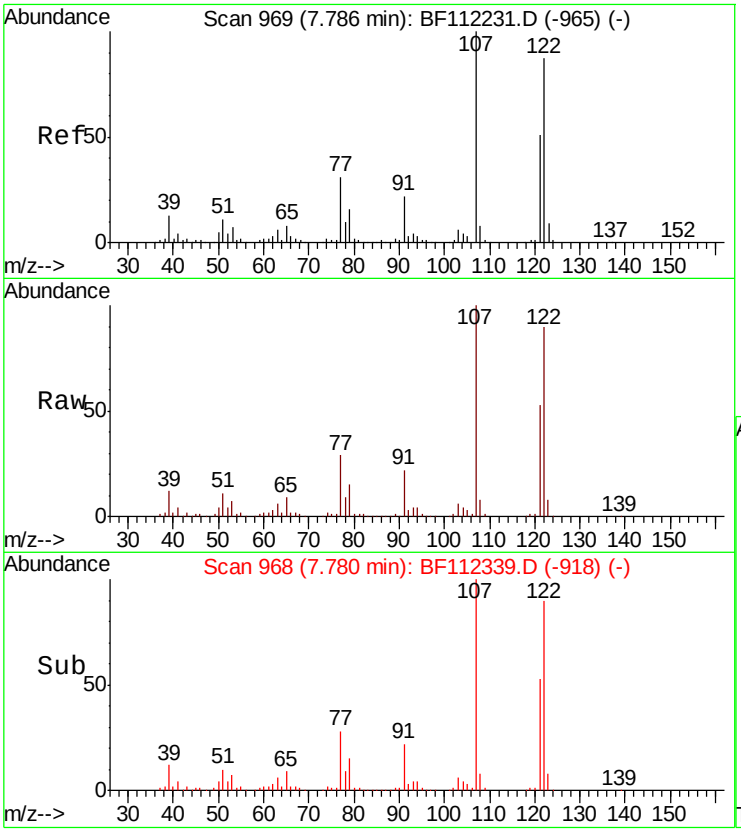


#26
2-Nitrophenol
Concen: 31.910 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:139 Resp: 168949

Ion	Ratio	Lower	Upper
139	100		
109	27.3	20.8	31.2
65	44.1	34.4	51.6



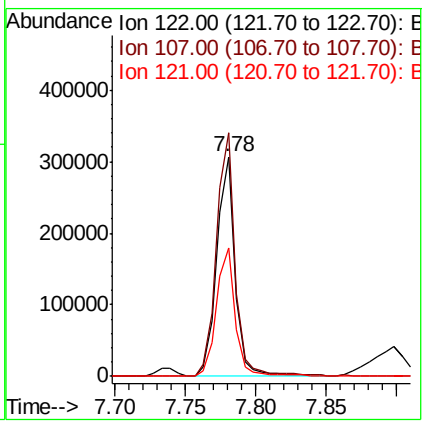


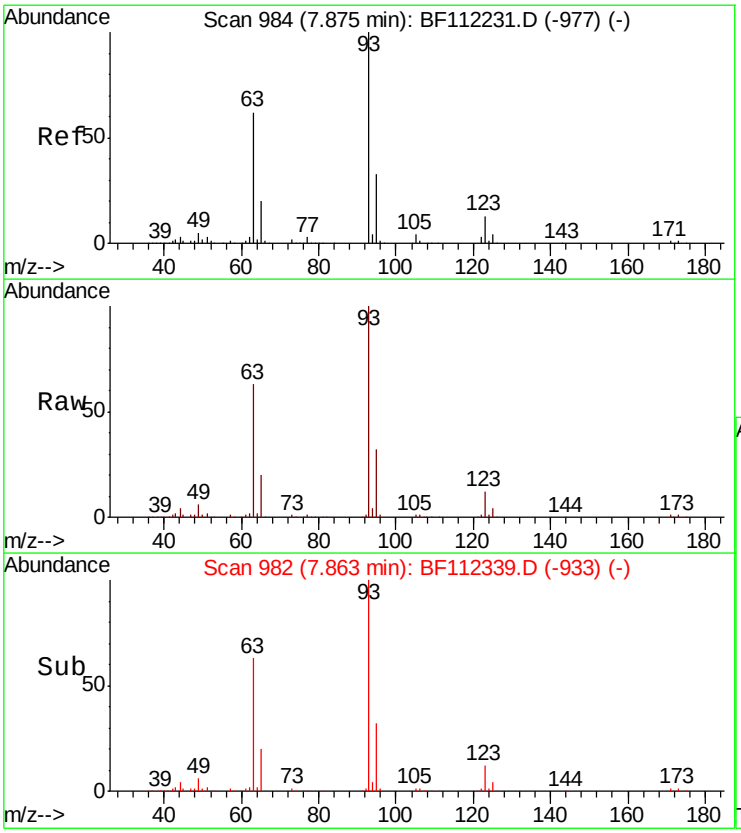
#27
2,4-Dimethylphenol
Concen: 38.197 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:122 Resp: 278637

Ion	Ratio	Lower	Upper
122	100		
107	110.9	85.4	128.0
121	58.5	47.0	70.4

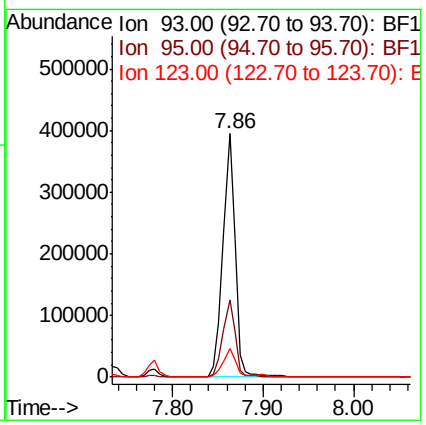


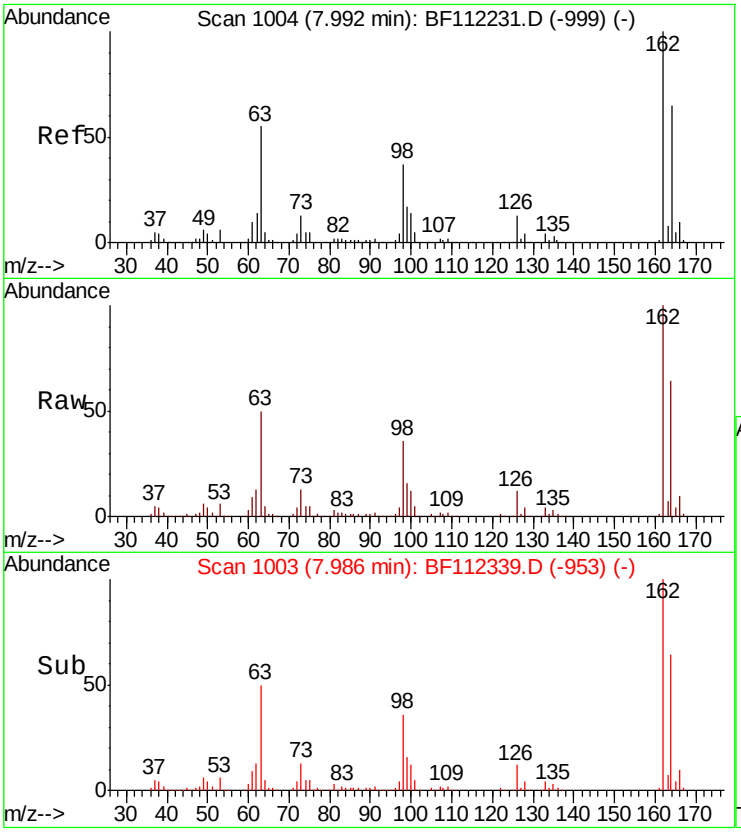


#28
bis(2-Chloroethoxy)methane
Concen: 34.456 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 93 Resp: 365122

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.8	40.2
123	11.7	10.2	15.2



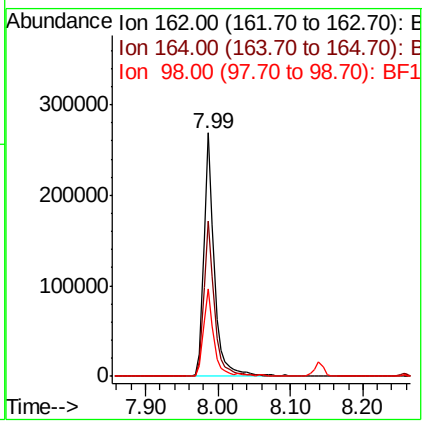


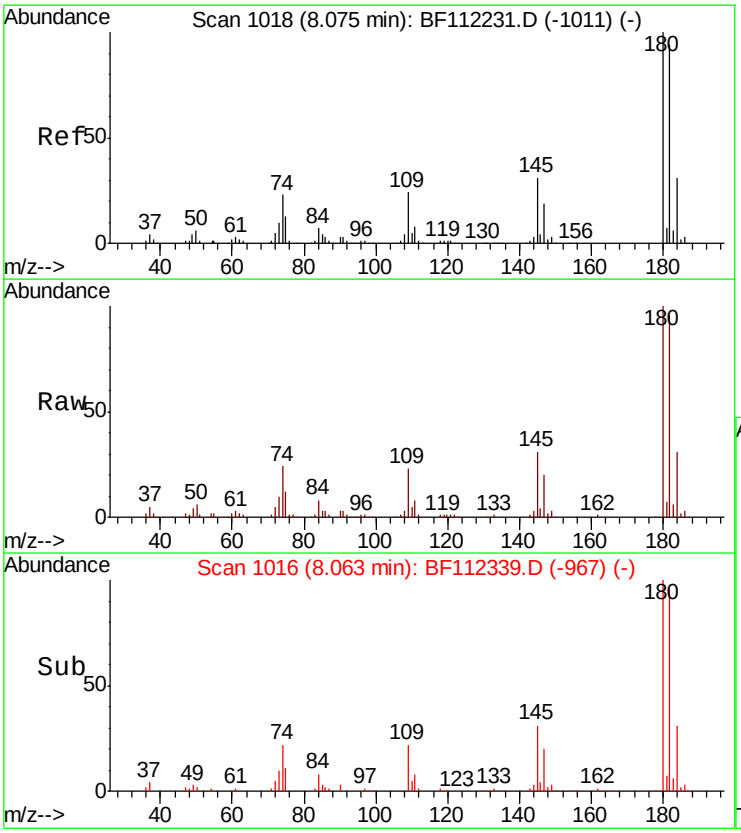
#29
2,4-Dichlorophenol
Concen: 33.548 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:162 Resp: 273866

Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	36.1	14.6	54.6

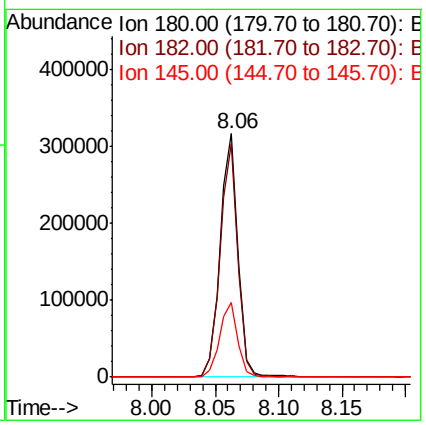


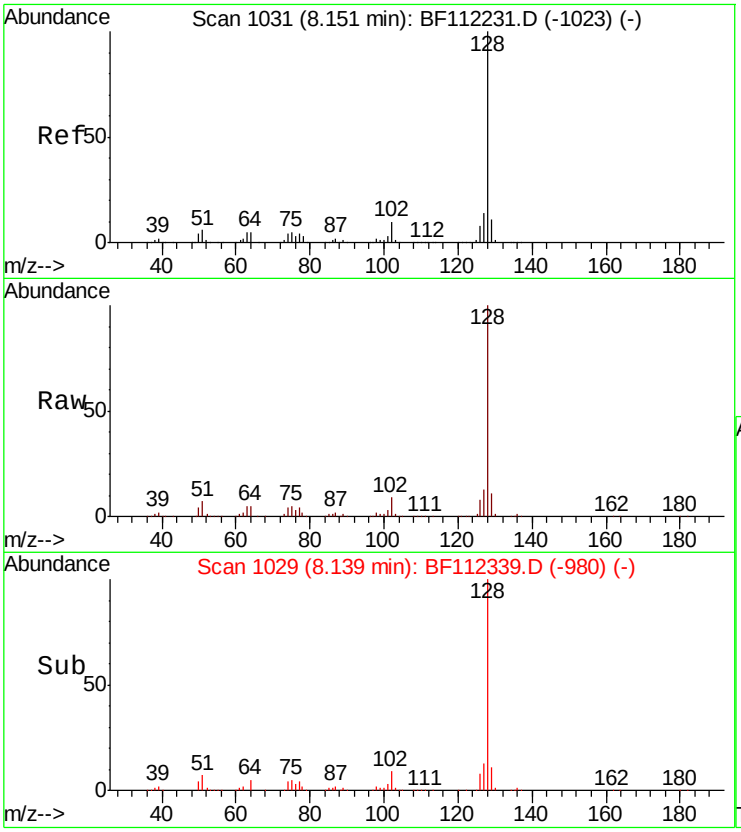


#30
1,2,4-Trichlorobenzene
Concen: 32.928 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:180 Resp: 308981

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	30.6	25.0	37.4



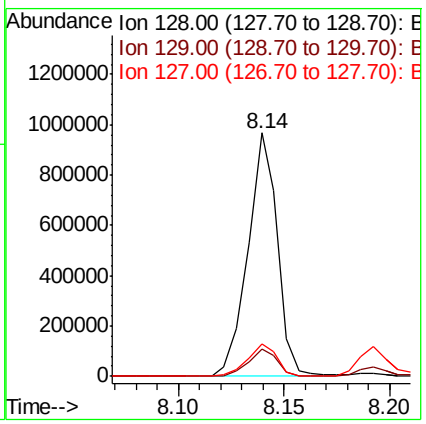


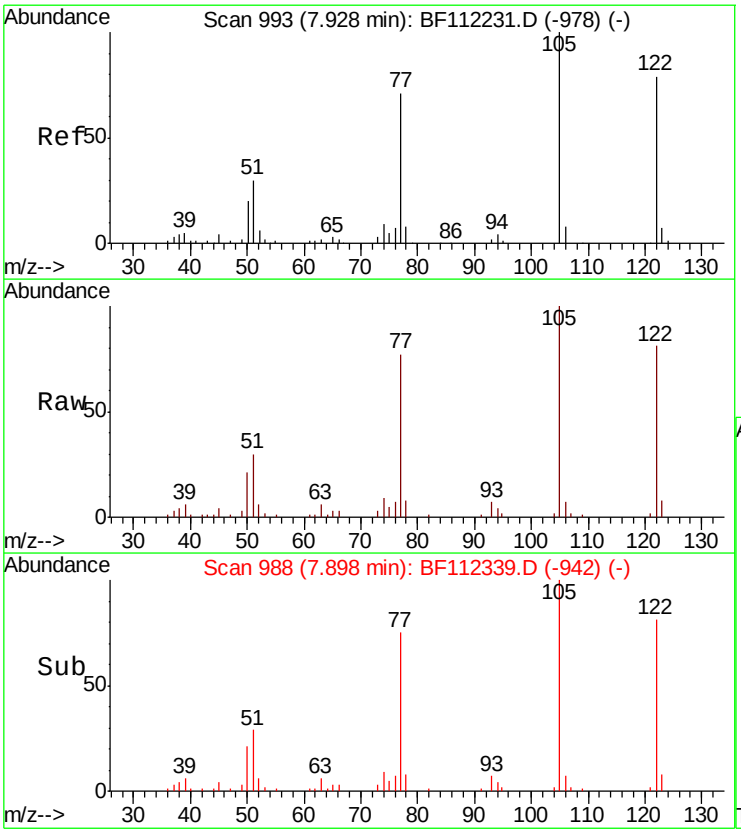
#31
Naphthalene
Concen: 35.035 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:128 Resp: 936494

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.4	11.1	16.7

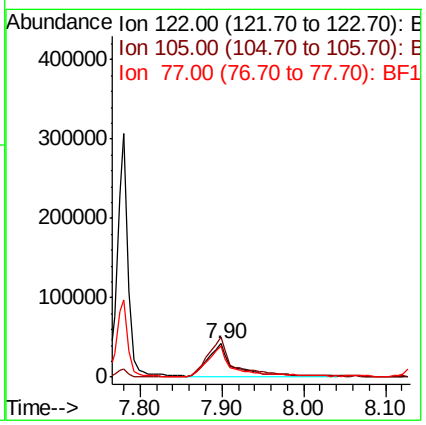


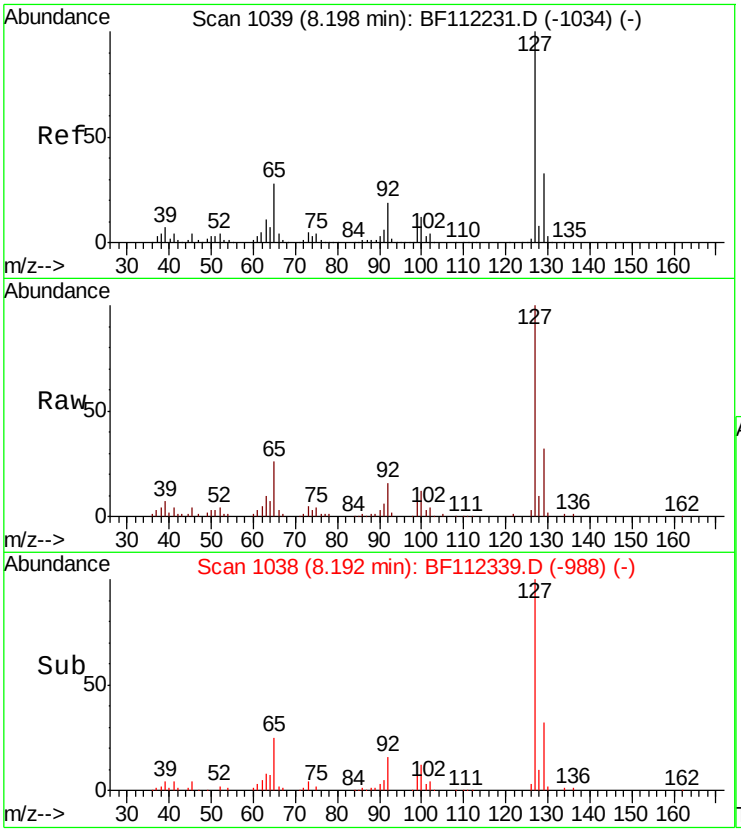


#32
Benzoic acid
Concen: 21.761 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:122 Resp: 90547

Ion	Ratio	Lower	Upper
122	100		
105	122.9	101.2	141.2
77	94.2	70.4	110.4



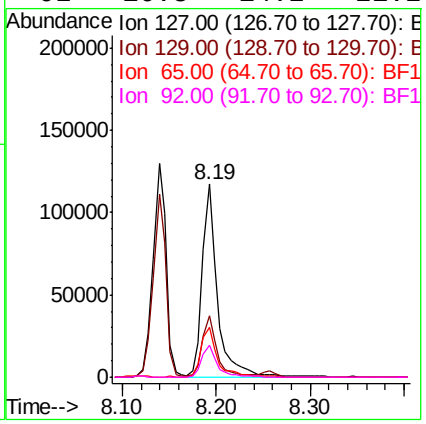


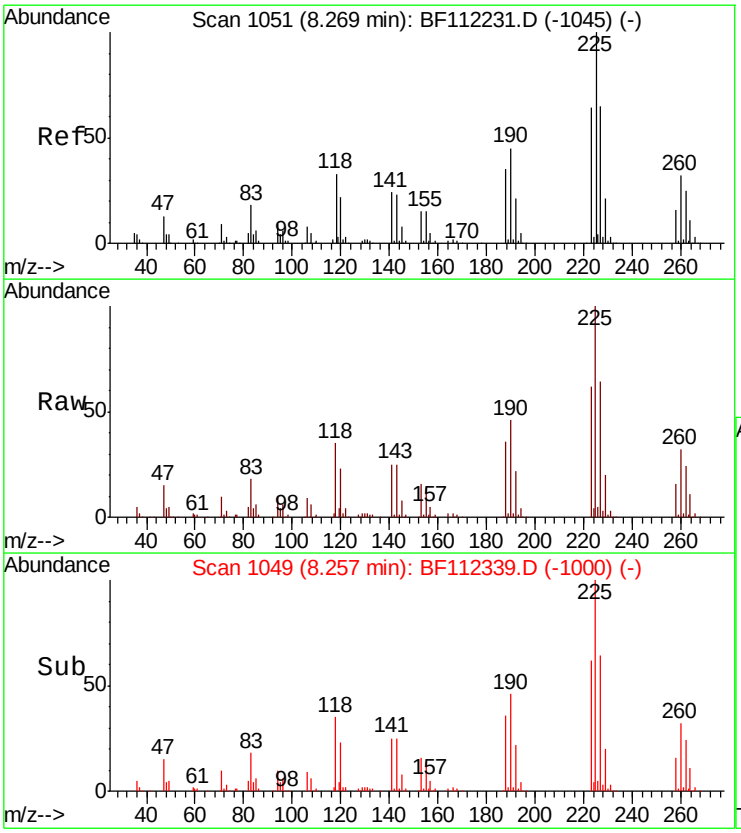
#33
4-Chloroaniline
Concen: 11.390 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:127 Resp: 132564

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	26.2	21.4	32.2
92	16.3	14.2	21.2

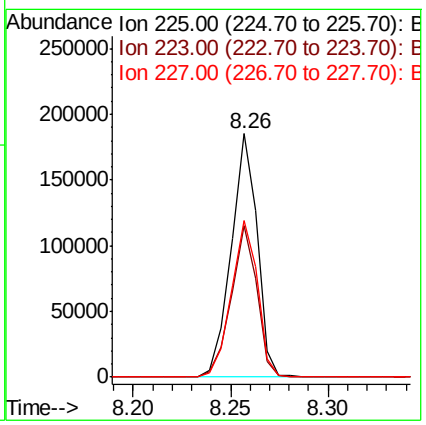


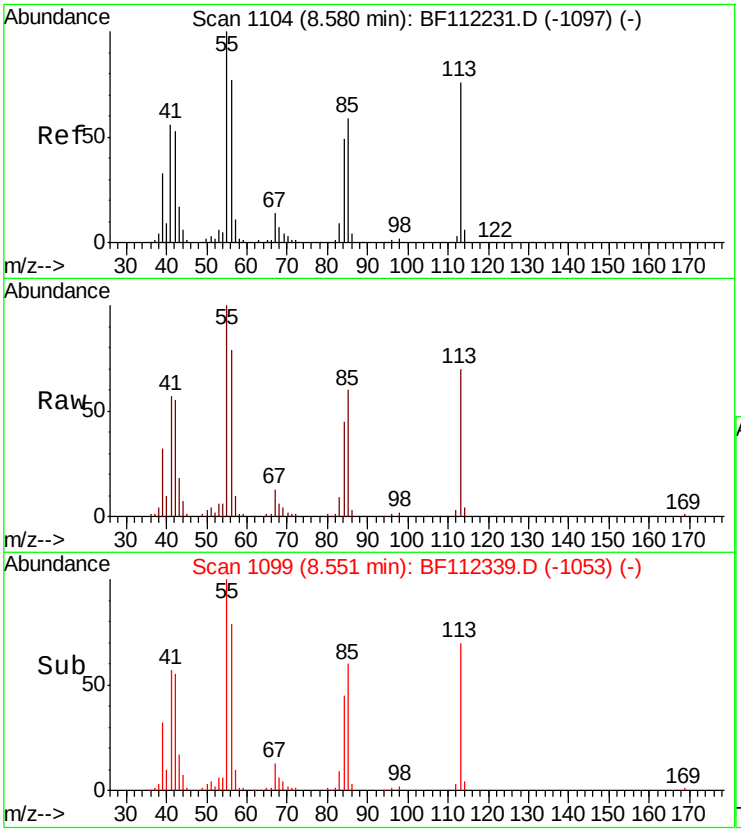


#34
Hexachlorobutadiene
Concen: 30.952 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:225 Resp: 170434

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	64.4	51.8	77.8



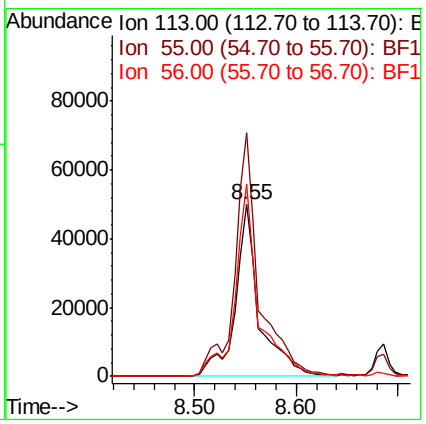


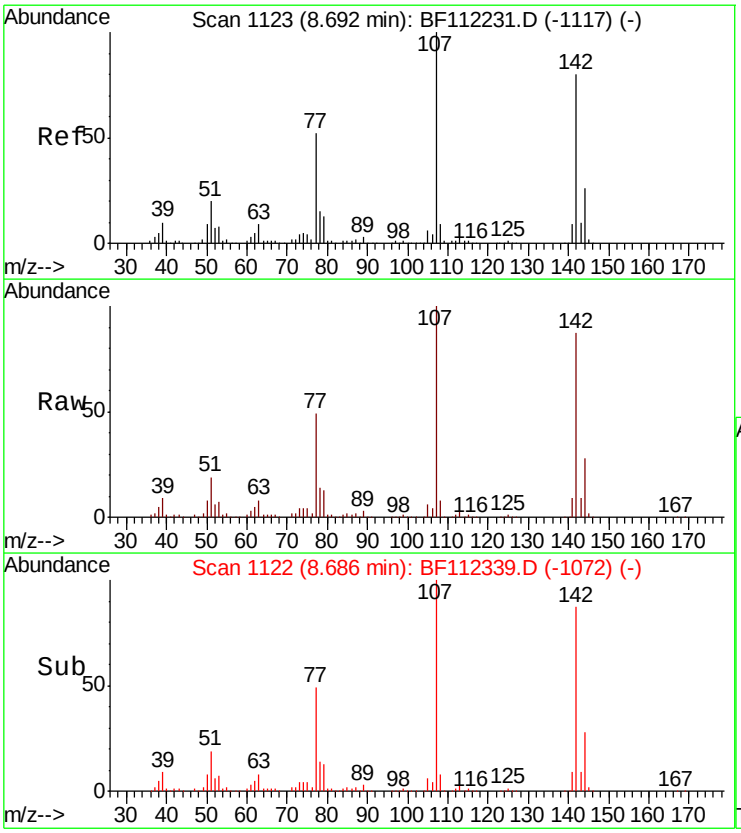
#35
Caprolactam
Concen: 28.280 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.03 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:113 Resp: 81442

Ion	Ratio	Lower	Upper
113	100		
55	141.9	121.6	161.6
56	112.3	86.7	126.7

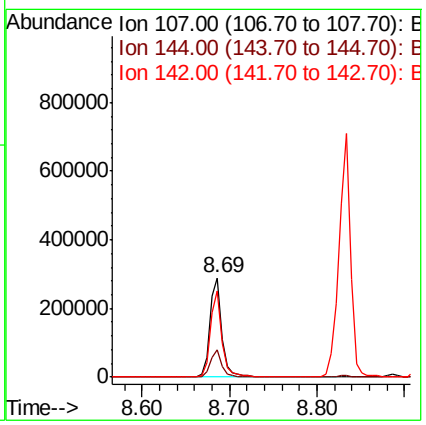


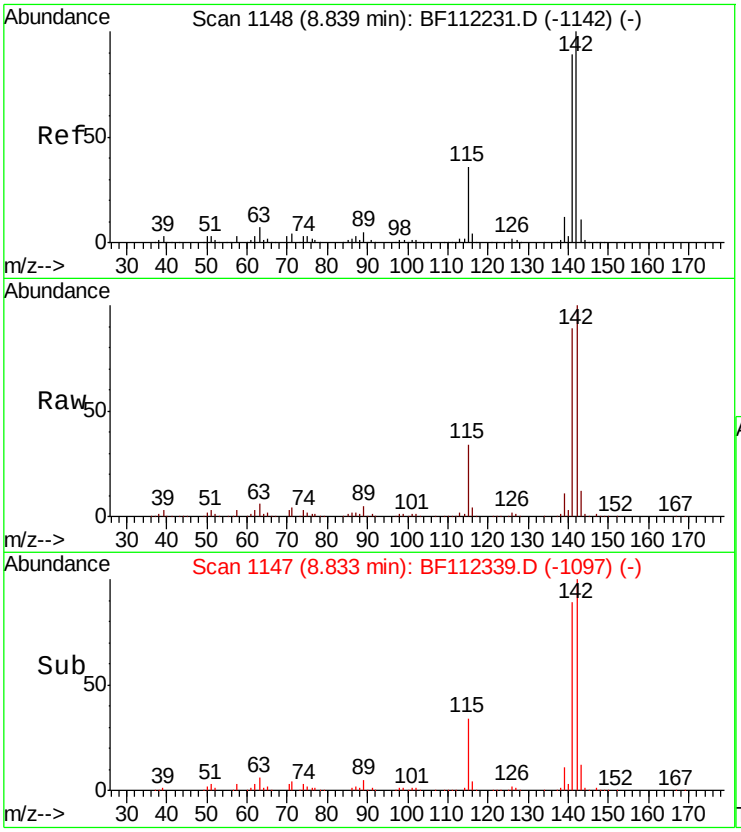


#36
4-Chloro-3-methylphenol
Concen: 31.757 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:107 Resp: 274440

Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.2	33.2
142	86.7	67.7	101.5



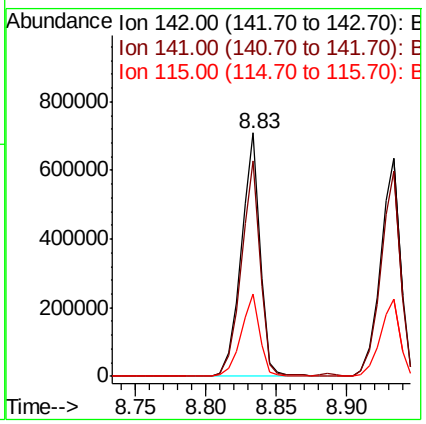


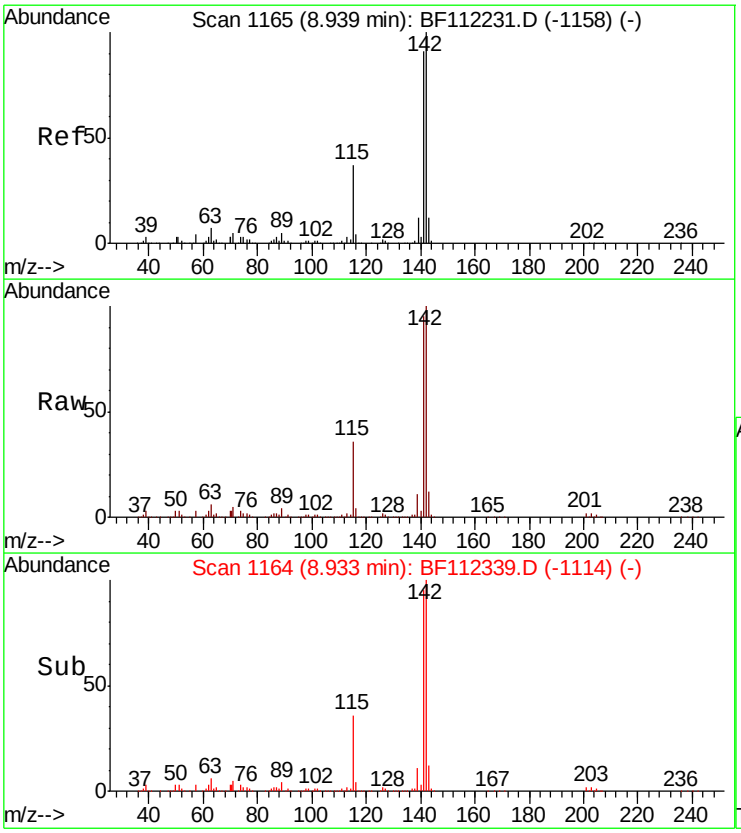
#37
2-Methylnaphthalene
Concen: 35.856 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:142 Resp: 656134

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	33.9	24.9	37.3

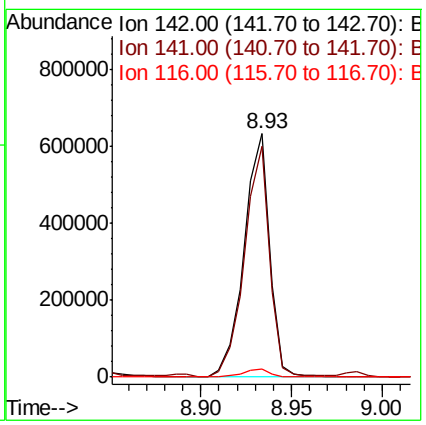


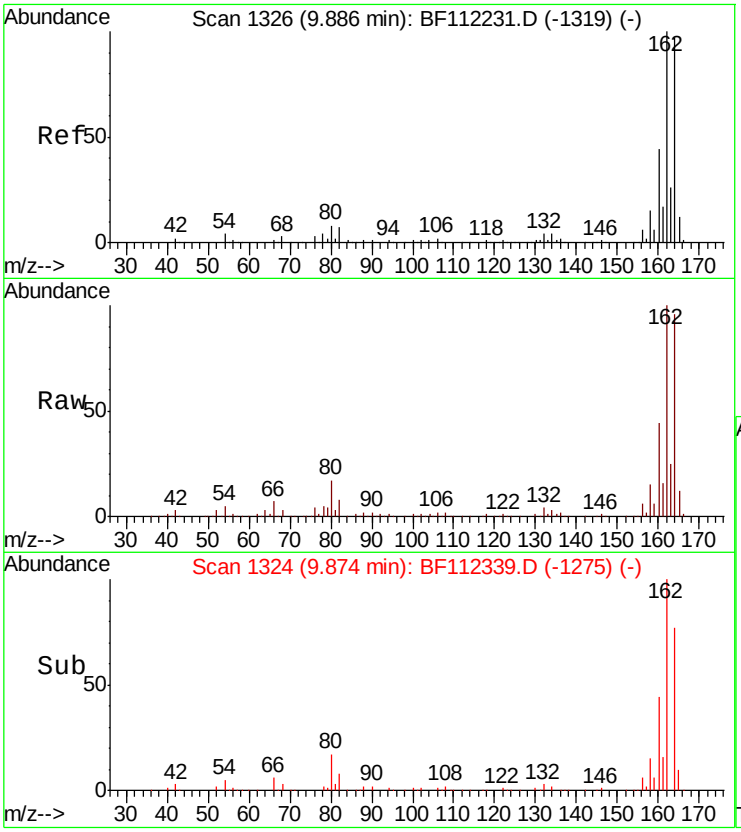


#38
1-Methylnaphthalene
Concen: 35.030 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:142 Resp: 614411

Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.6	108.8
116	3.5	2.8	4.2



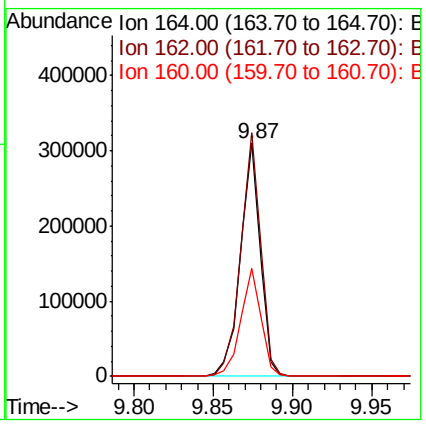


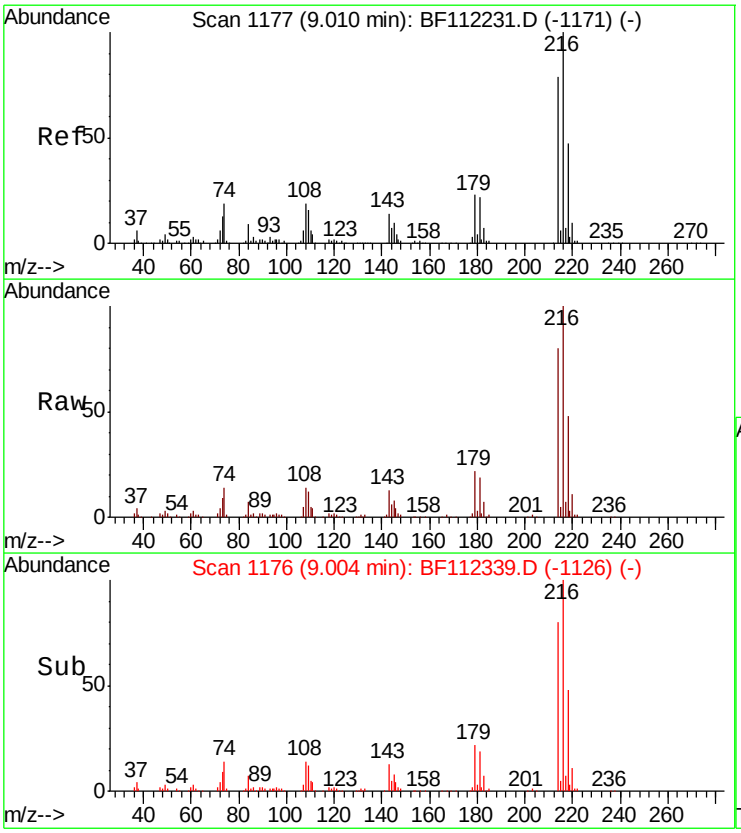
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:164 Resp: 267583

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	46.1	36.2	54.4

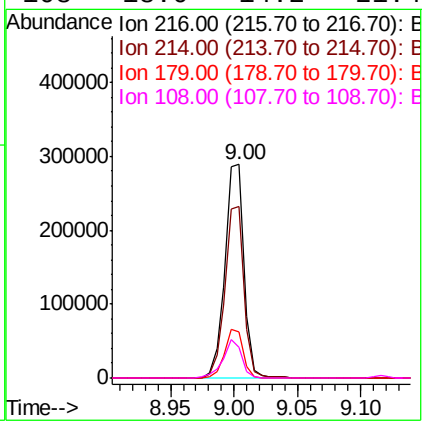


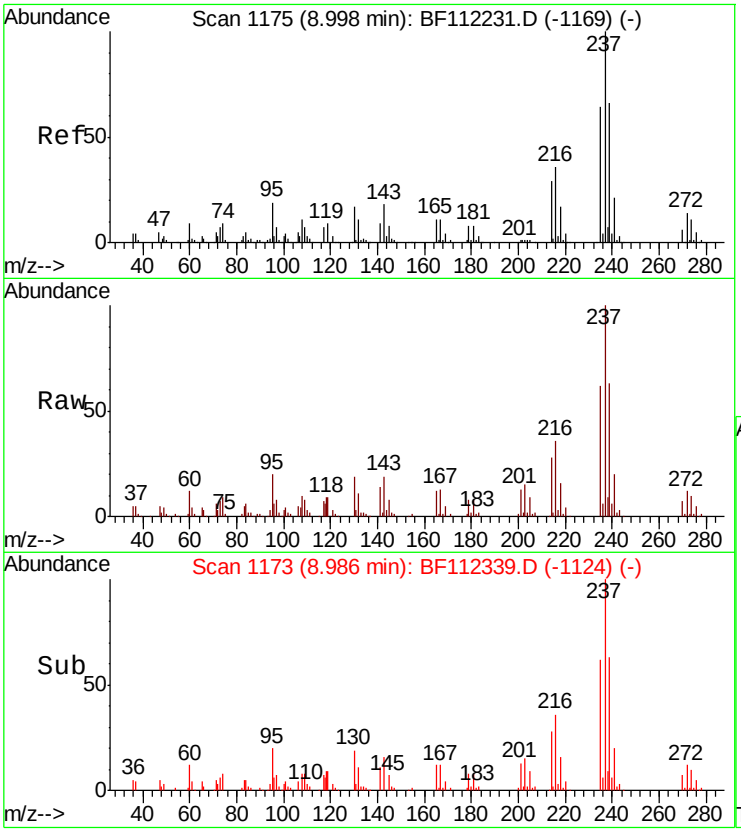


#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.145 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:216 Resp: 299990

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	22.2	16.9	25.3
108	18.0	14.2	21.4



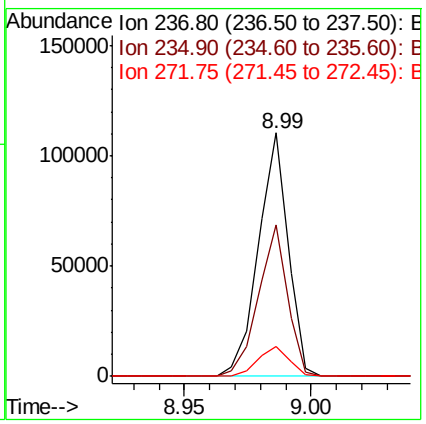


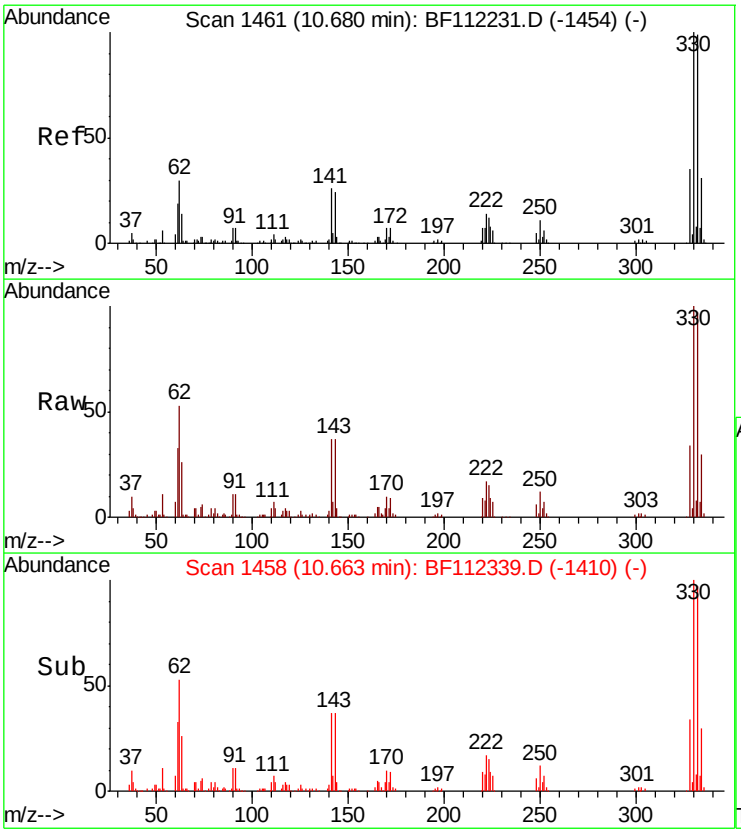
#41
Hexachlorocyclopentadiene
Concen: 33.470 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:237 Resp: 90556

Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.0	84.0
272	12.5	0.0	33.3

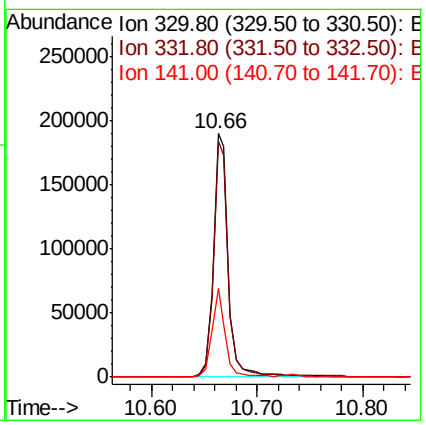


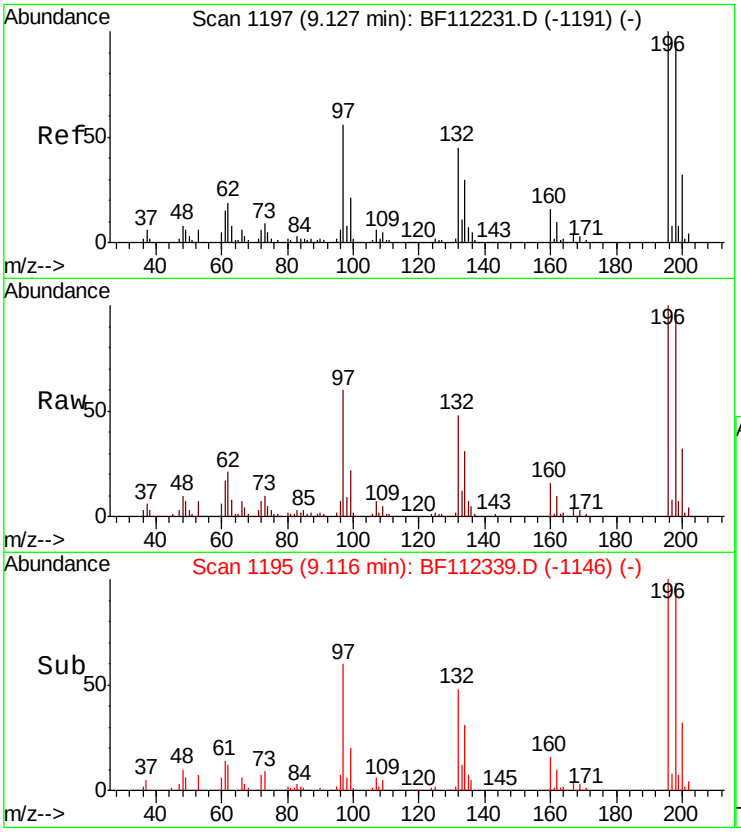


#42
2,4,6-Tribromophenol
Concen: 61.446 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:330 Resp: 191379

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	32.4	24.3	36.5



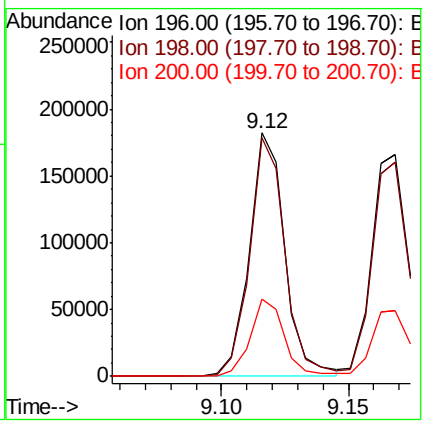


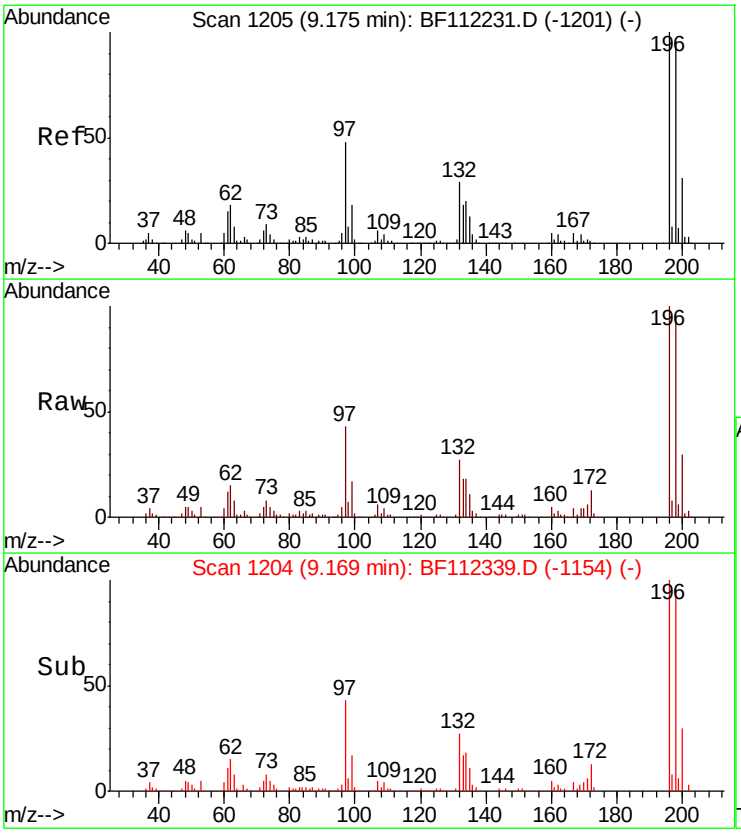
#43
2,4,6-Trichlorophenol
Concen: 32.873 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:196 Resp: 178026

Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.4
200	31.9	24.3	36.5

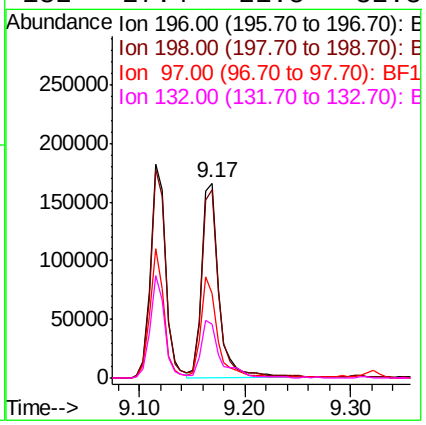


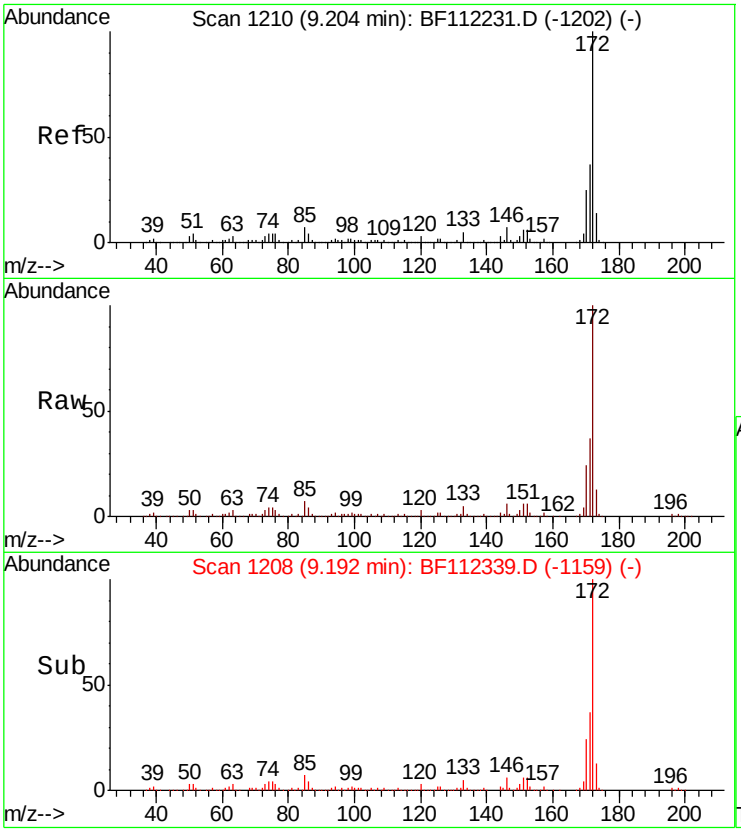


#44
2,4,5-Trichlorophenol
Concen: 33.218 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:196 Resp: 188015

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.0	114.0
97	43.0	36.4	54.6
132	27.4	21.5	32.3



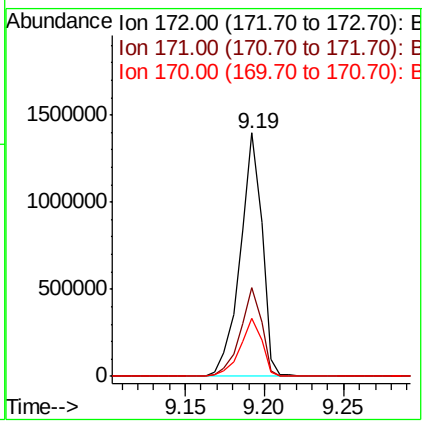


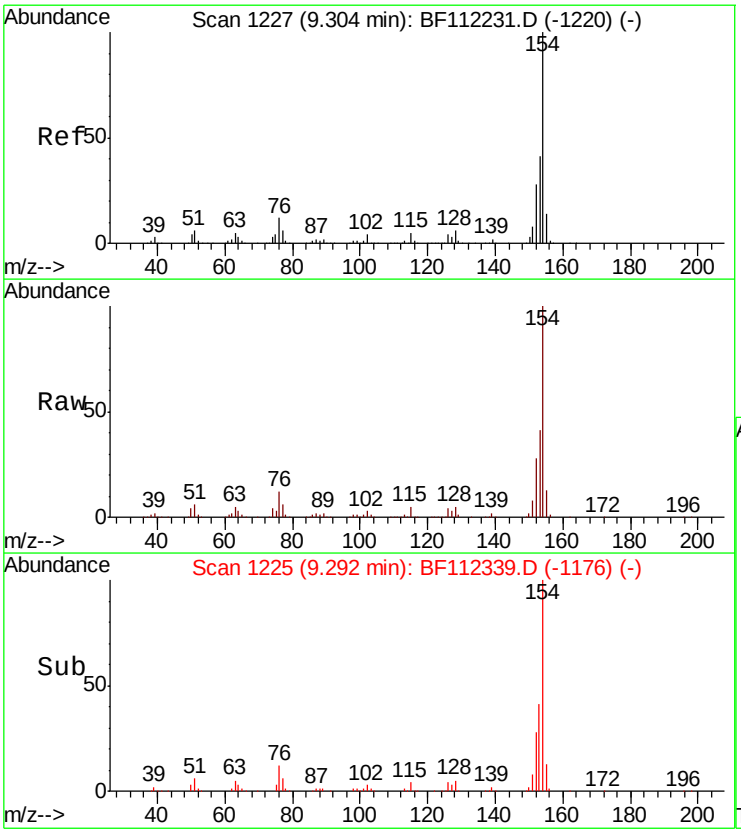
#45
2-Fluorobiphenyl
Concen: 70.265 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:172 Resp: 1329362

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.9	20.2	30.4

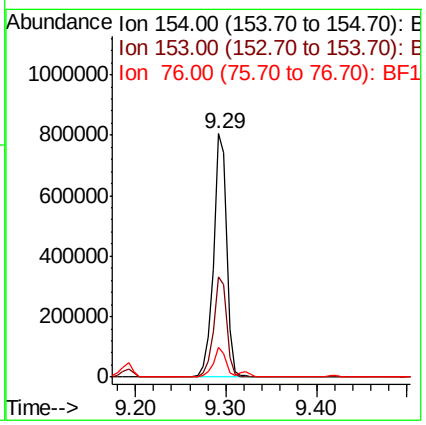


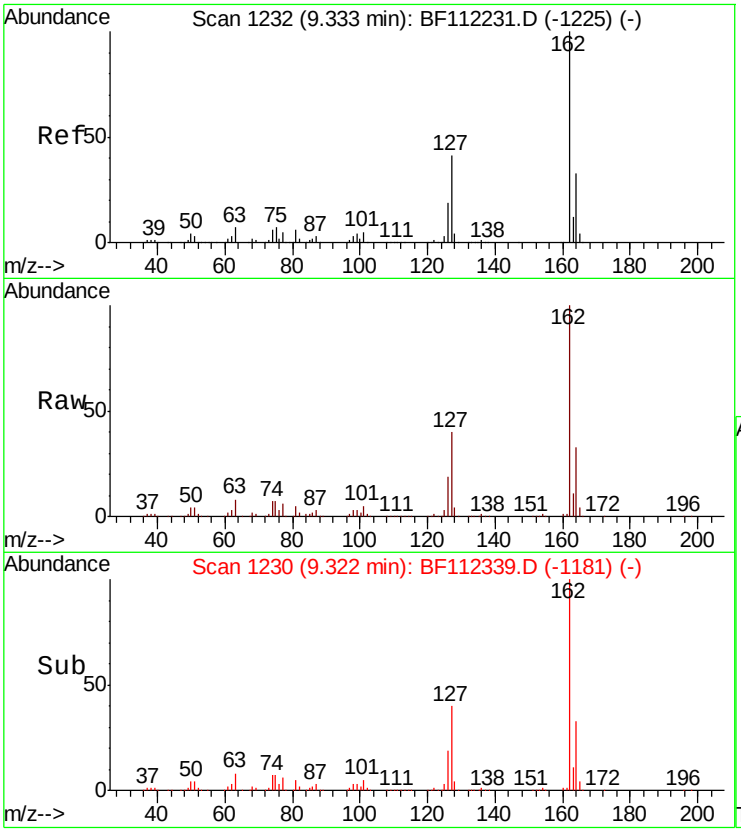


#46
1,1'-Biphenyl
Concen: 34.280 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:154 Resp: 801924

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	12.3	0.0	33.1



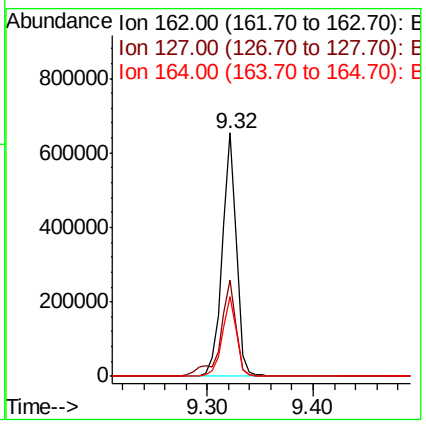


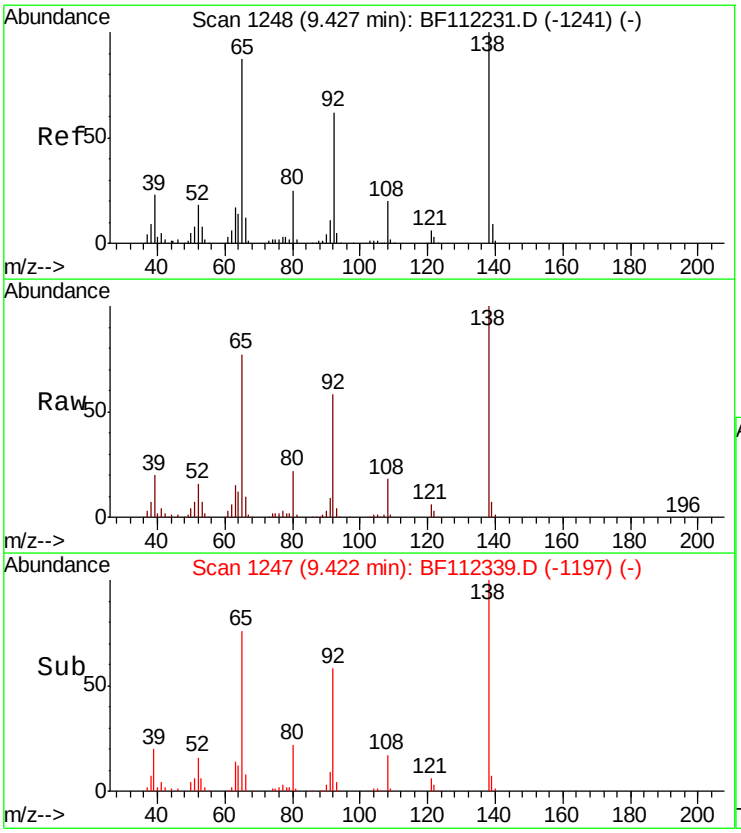
#47
2-Chloronaphthalene
Concen: 33.681 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:162 Resp: 610986

Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.4	45.6
164	32.9	27.4	41.2

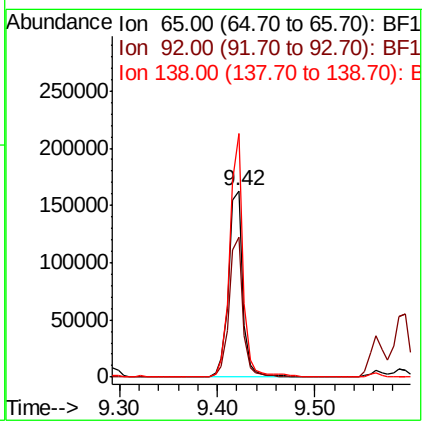


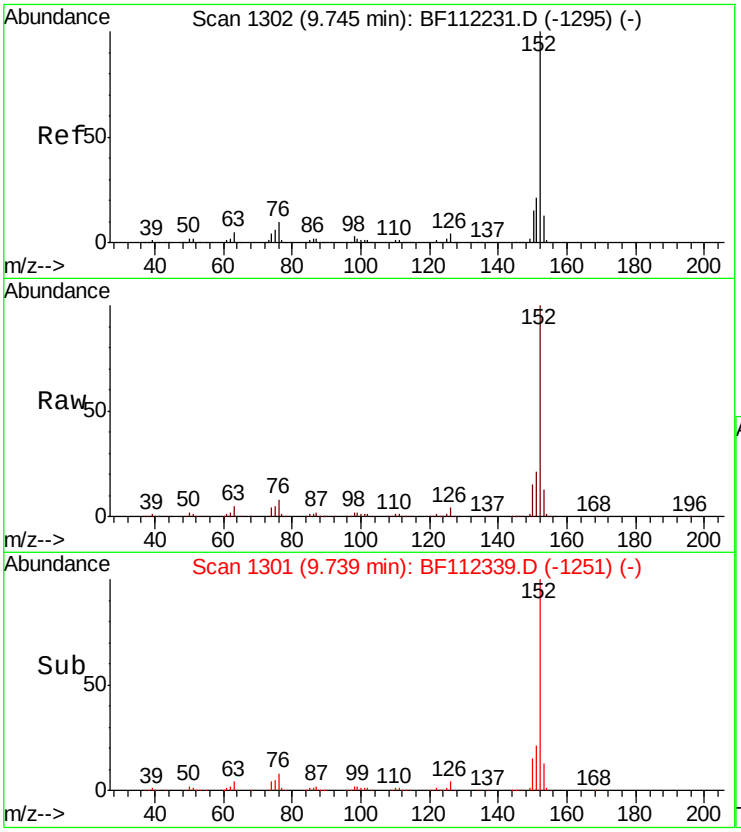


#48
2-Nitroaniline
Concen: 33.577 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion: 65 Resp: 166016

Ion	Ratio	Lower	Upper
65	100		
92	75.3	60.4	90.6
138	130.6	104.4	156.6



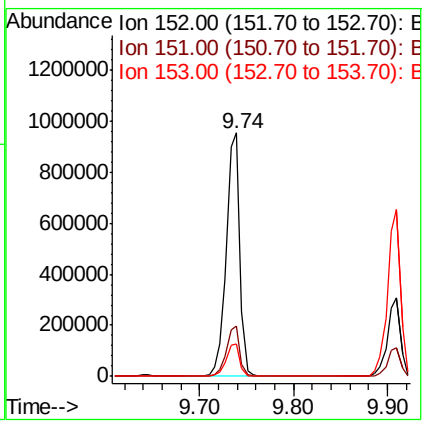


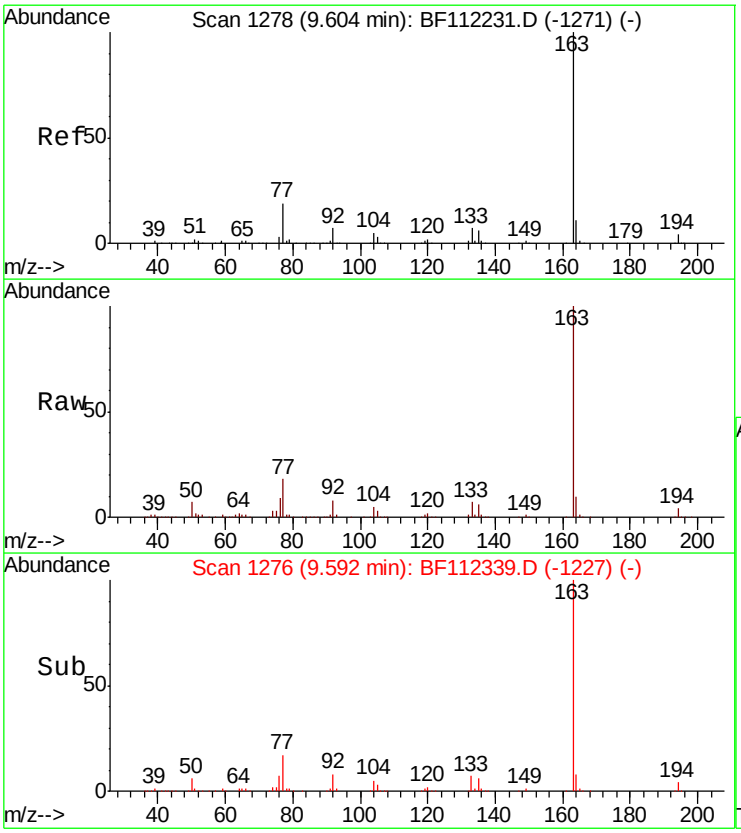
#49
Acenaphthylene
Concen: 35.914 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:152 Resp: 954900

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.0	25.6
153	13.2	11.2	16.8

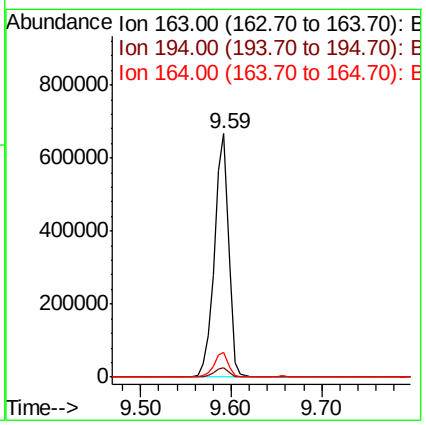


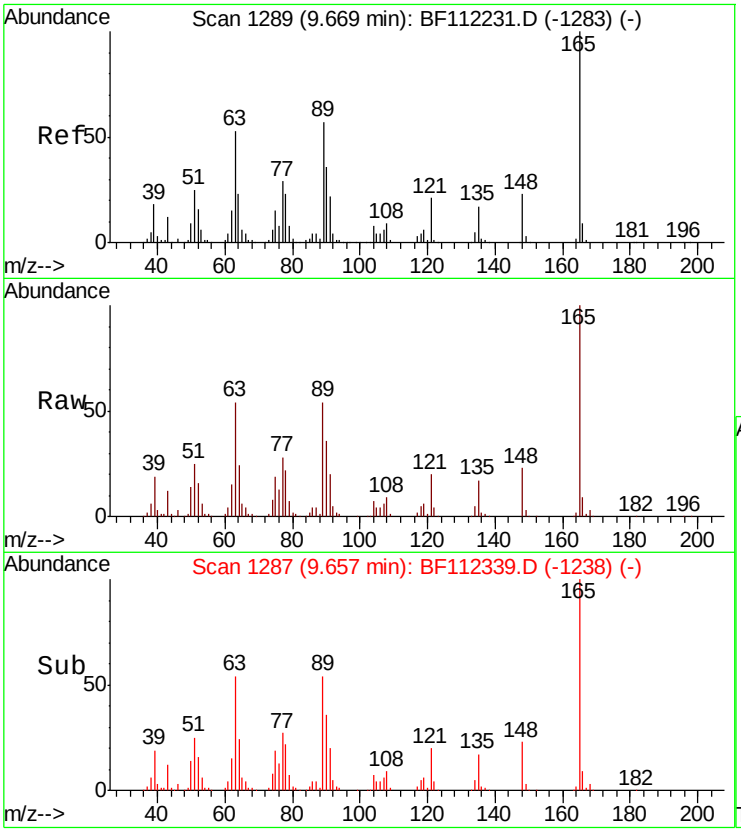


#50
Dimethylphthalate
Concen: 34.257 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:163 Resp: 712200

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.4	8.5	12.7



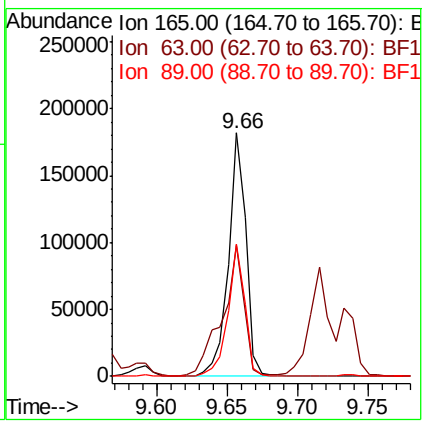


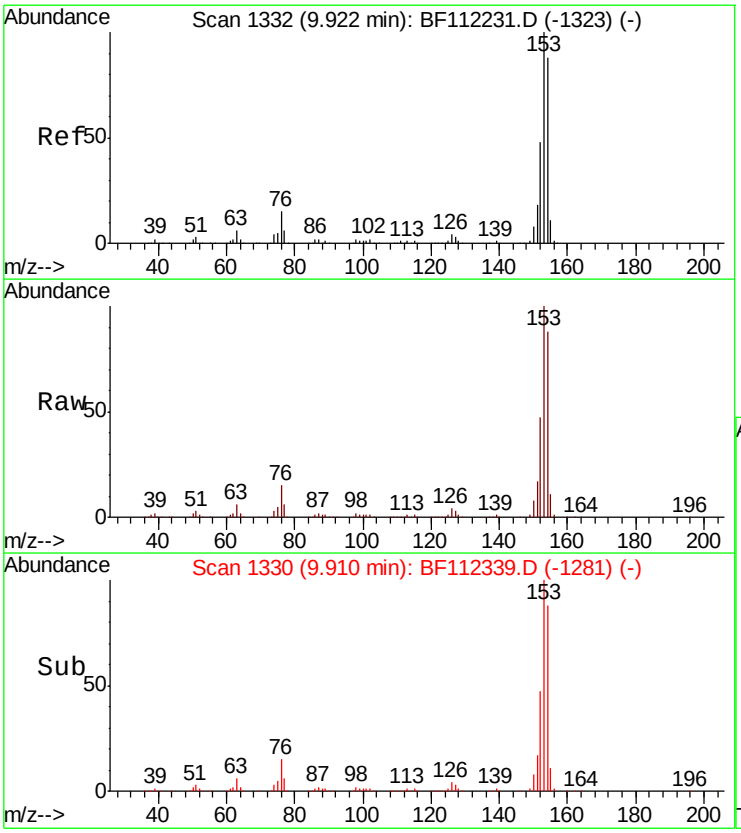
#51
2,6-Dinitrotoluene
Concen: 33.775 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:165 Resp: 157261

Ion	Ratio	Lower	Upper
165	100		
63	53.9	33.8	50.8#
89	54.1	36.9	55.3

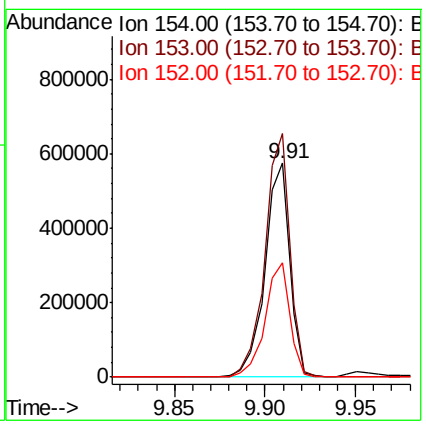


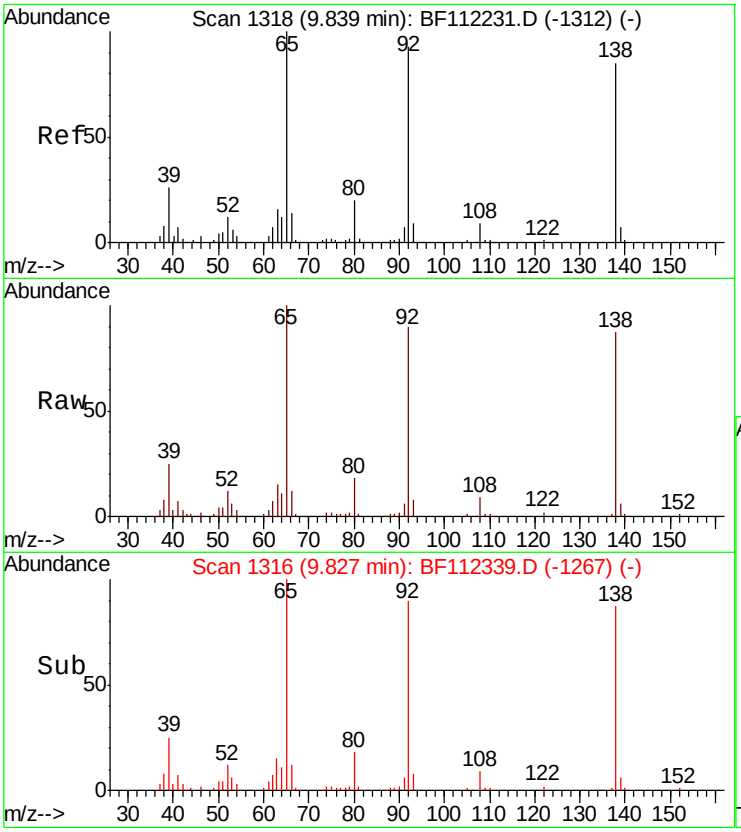


#52
Acenaphthene
Concen: 34.549 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:154 Resp: 548757

Ion	Ratio	Lower	Upper
154	100		
153	113.7	89.8	134.6
152	53.5	43.5	65.3



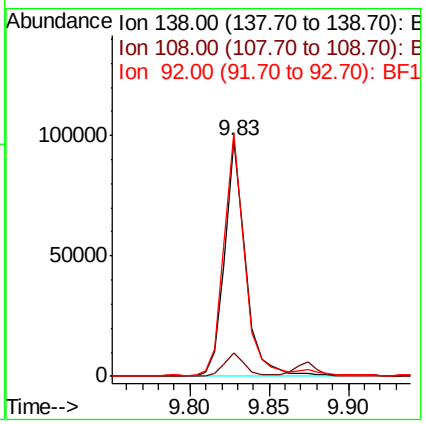


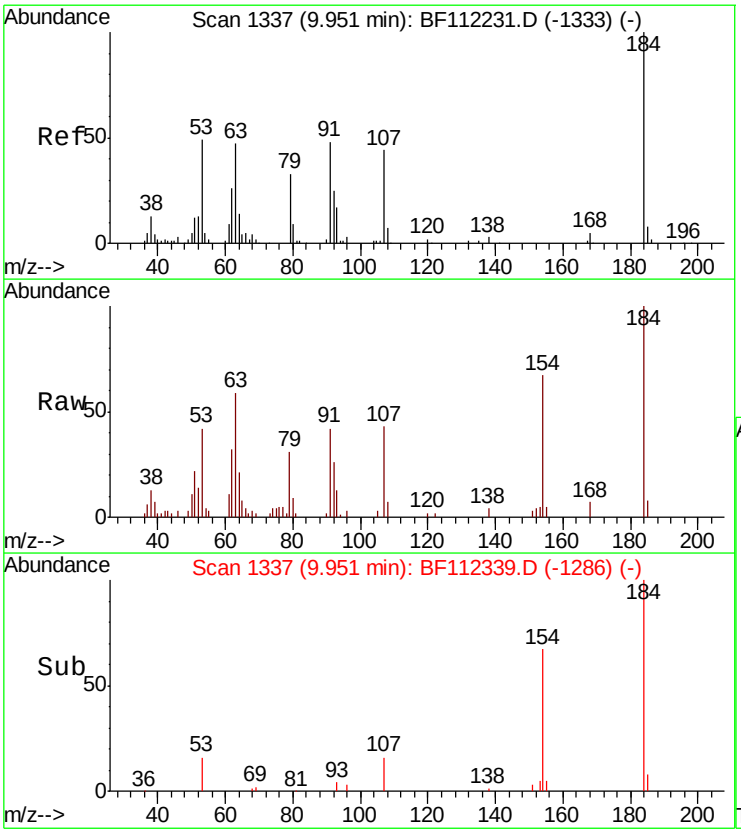
#53
3-Nitroaniline
Concen: 17.910 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:138 Resp: 90345

Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.8	14.6
92	103.2	79.4	119.2

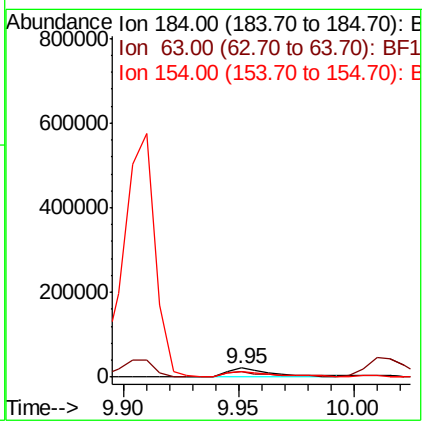


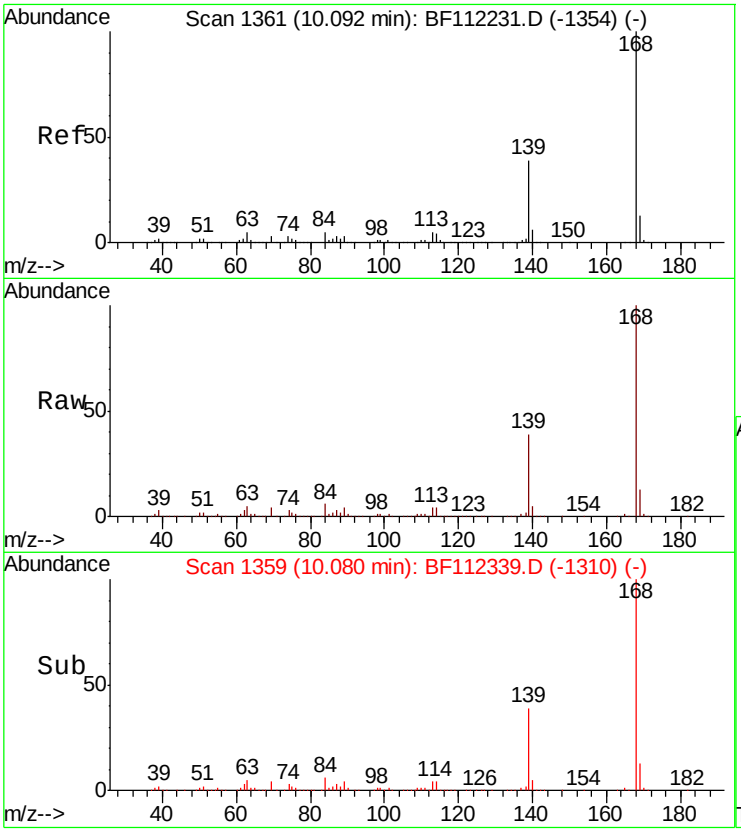


#54
2,4-Dinitrophenol
Concen: 19.781 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:184 Resp: 29558

Ion	Ratio	Lower	Upper
184	100		
63	58.8	47.1	70.7
154	67.4	48.9	73.3



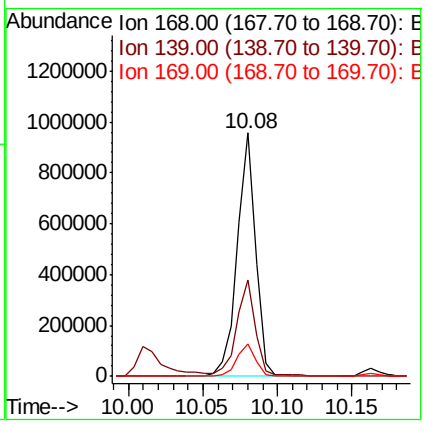


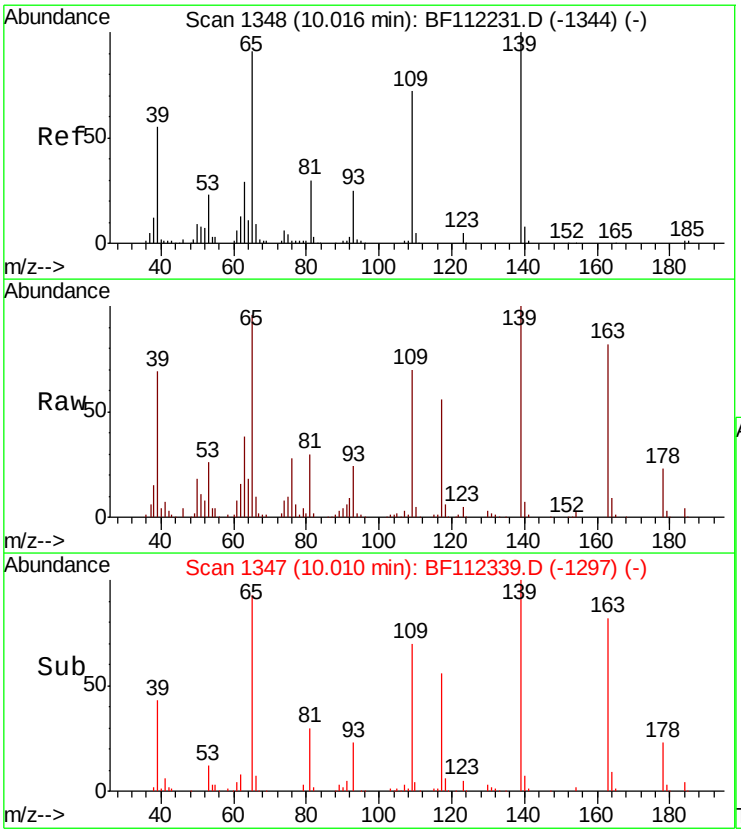
#55
Dibenzofuran
Concen: 34.091 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:168 Resp: 827474

Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.2	43.8
169	13.2	11.4	17.0

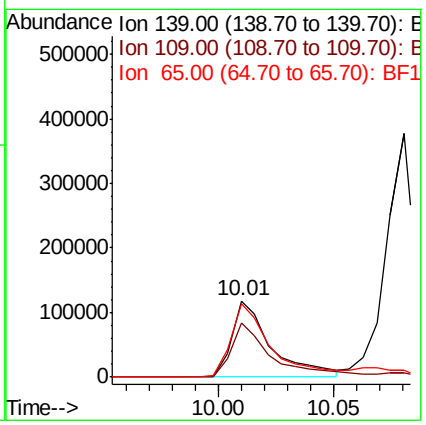


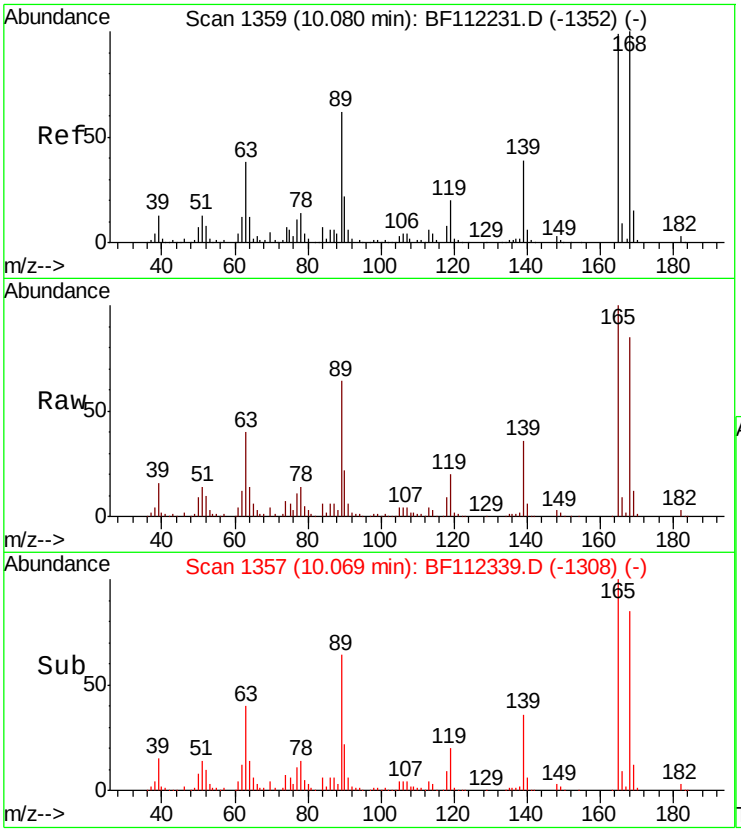


#56
4-Nitrophenol
Concen: 52.918 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:139 Resp: 141127

Ion	Ratio	Lower	Upper
139	100		
109	70.1	42.8	82.8
65	96.3	66.1	106.1



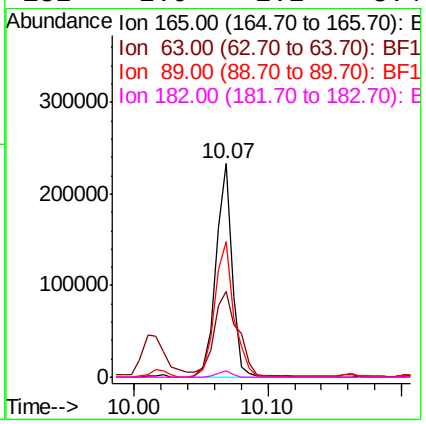


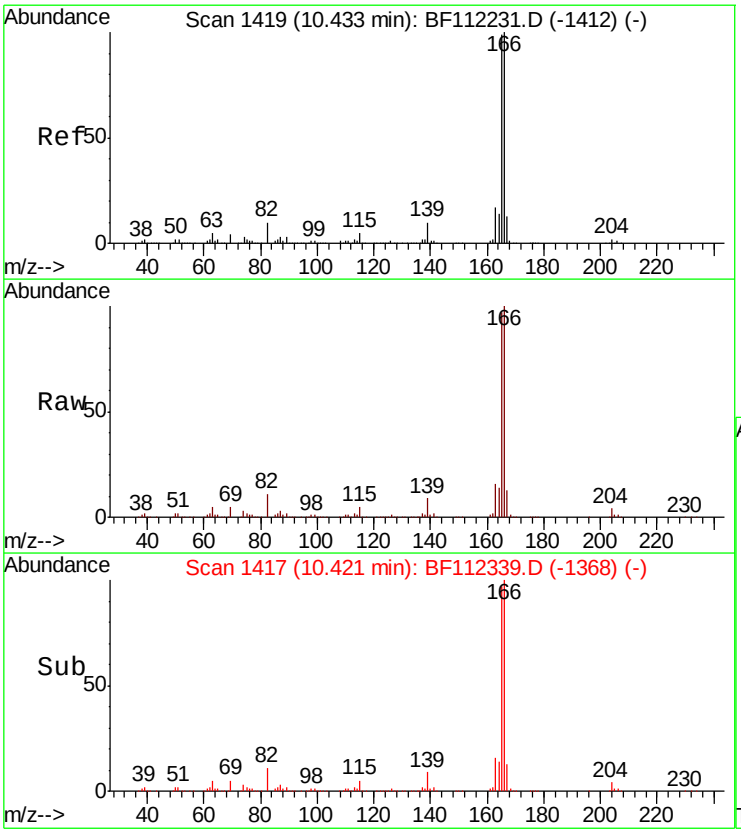
#57
2,4-Dinitrotoluene
Concen: 34.109 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:165 Resp: 202186

Ion	Ratio	Lower	Upper
165	100		
63	40.3	27.9	41.9
89	63.7	47.9	71.9
182	2.9	2.2	3.4

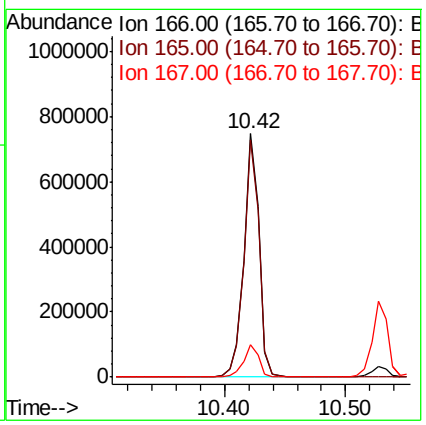


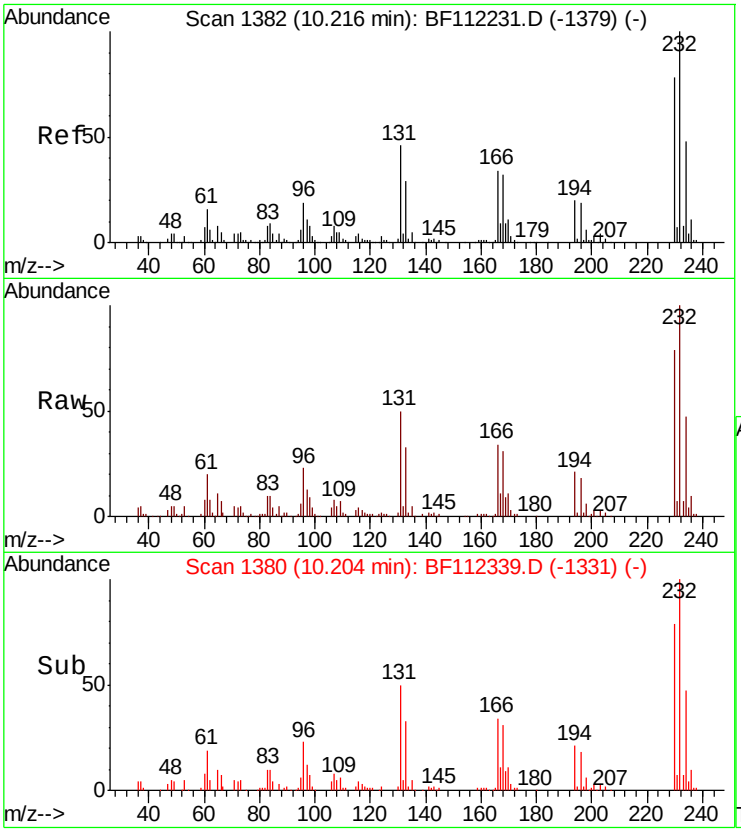


#58
Fluorene
Concen: 36.096 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:166 Resp: 655631

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	13.3	11.3	16.9



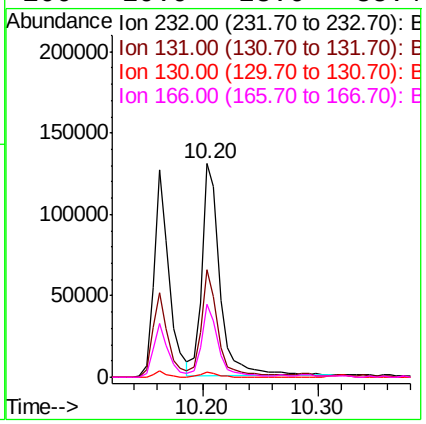


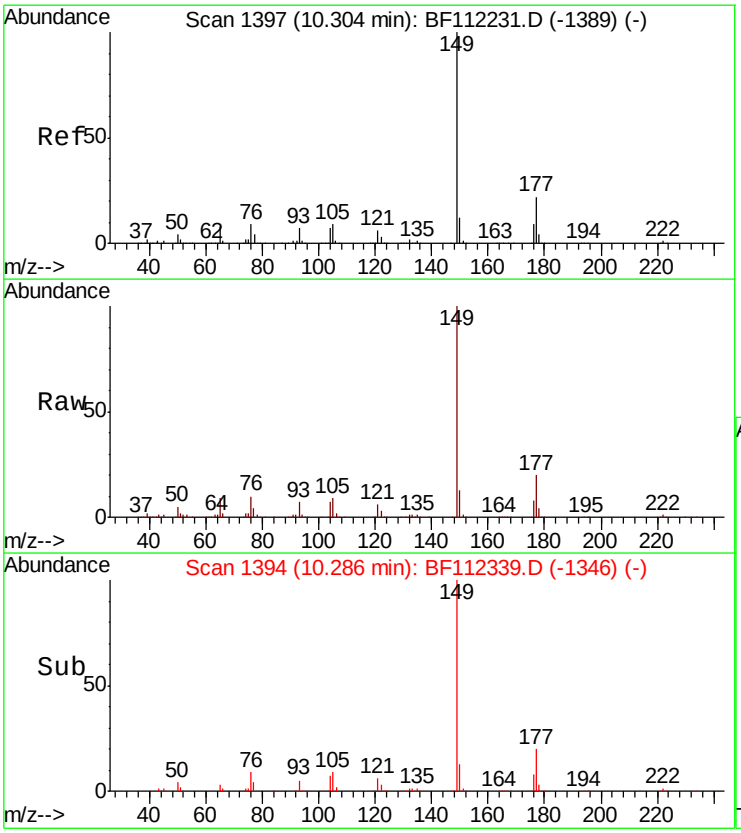
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.632 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:232 Resp: 143852

Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.9	50.9
130	2.4	1.8	2.6
166	29.9	23.6	35.4

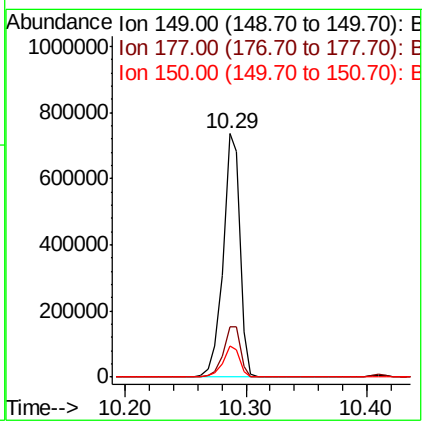


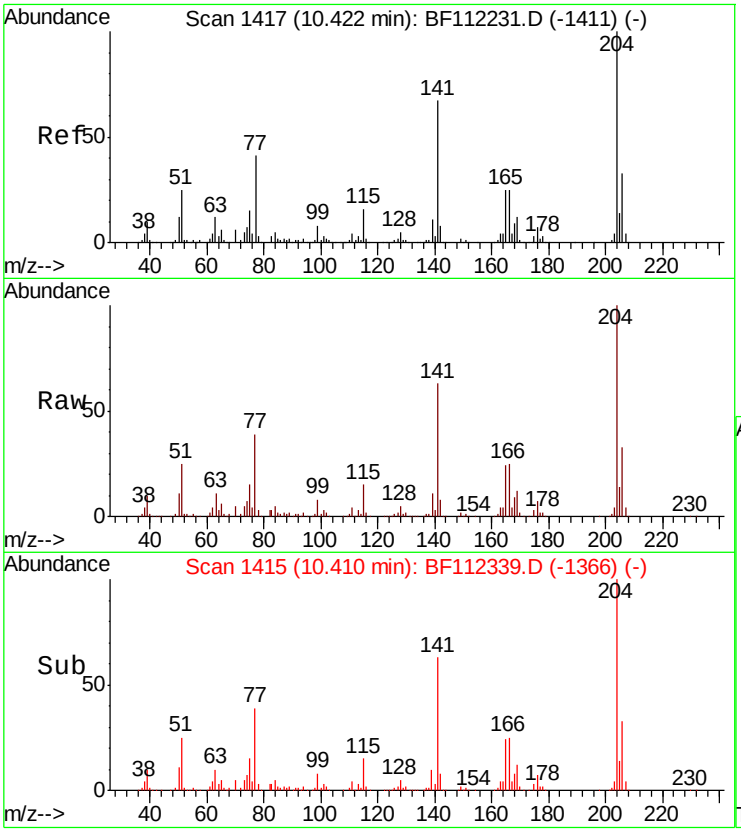


#60
Diethylphthalate
Concen: 34.252 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:149 Resp: 706668

Ion	Ratio	Lower	Upper
149	100		
177	20.5	18.2	27.2
150	12.7	10.4	15.6



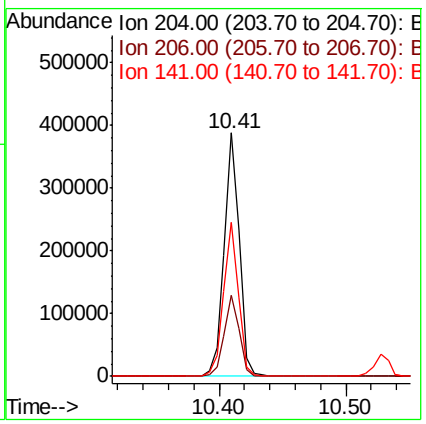


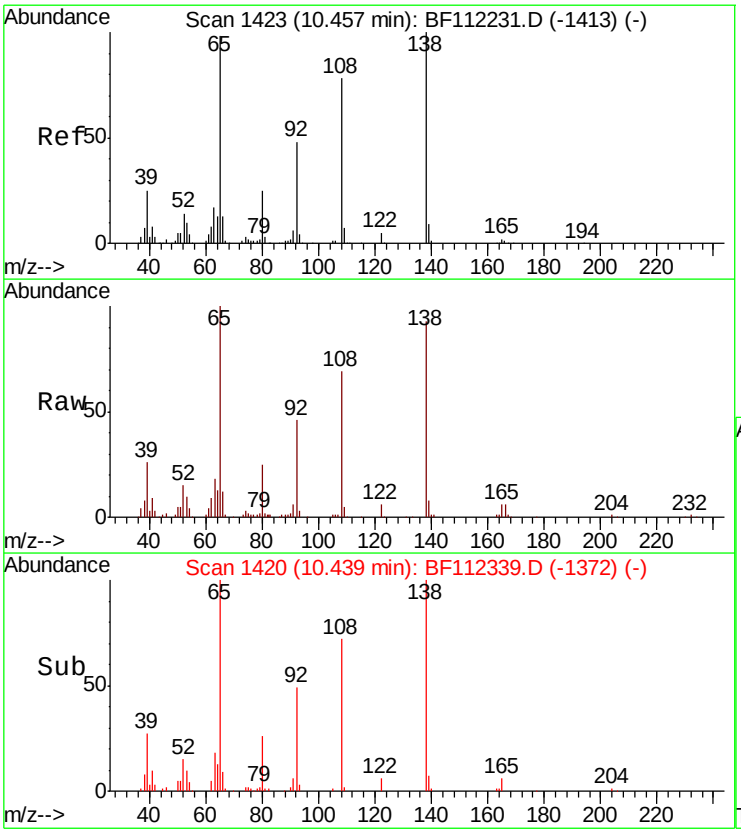
#61
4-Chlorophenyl-phenylether
Concen: 32.539 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:204 Resp: 321496

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.3	45.9	68.9

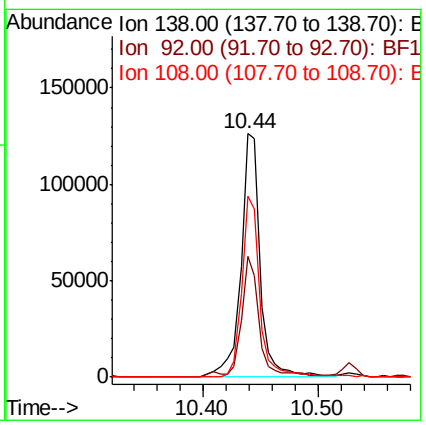


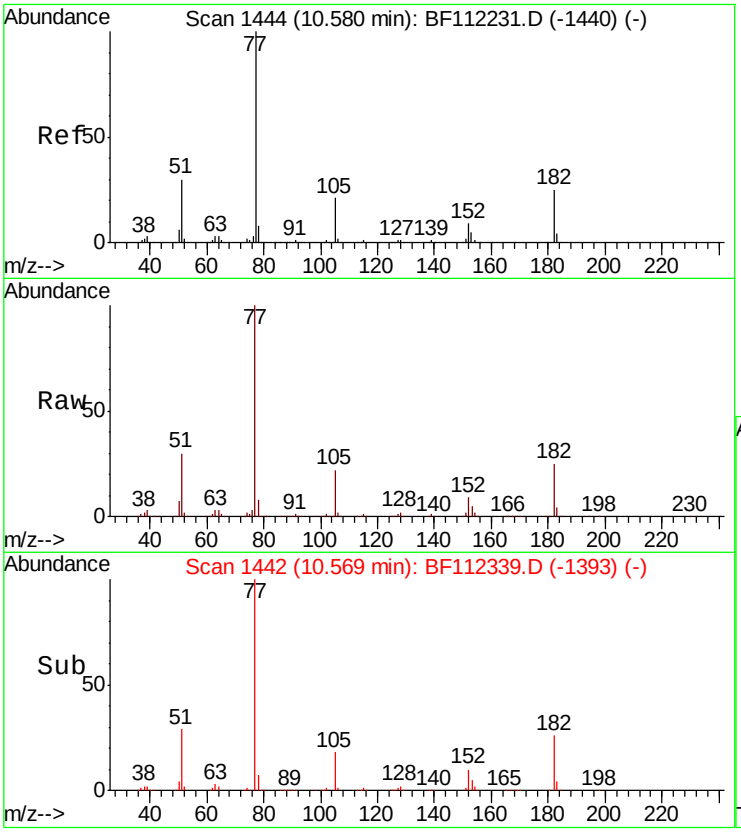


#62
4-Nitroaniline
Concen: 29.698 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:138 Resp: 146938

Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.6	70.6
108	74.2	50.0	90.0



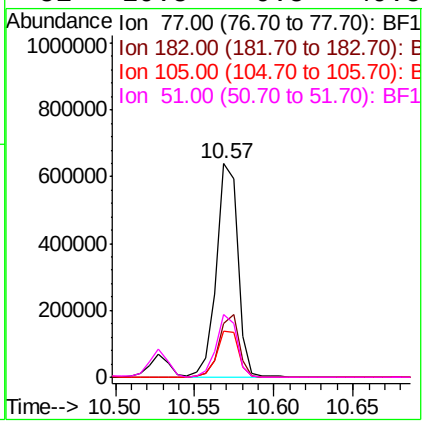


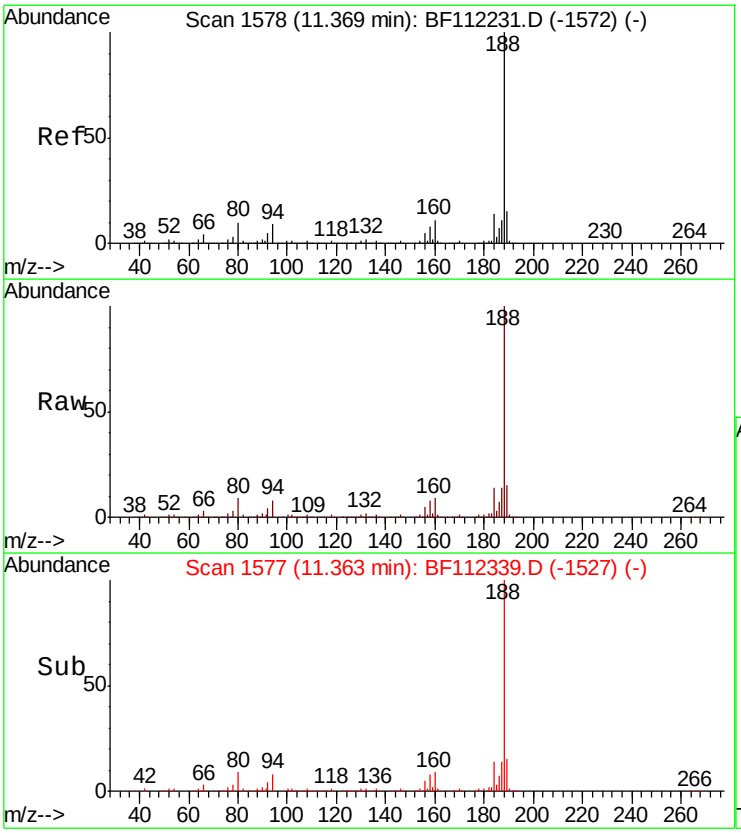
#63
Azobenzene
Concen: 32.914 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion: 77 Resp: 597233

Ion	Ratio	Lower	Upper
77	100		
182	25.5	5.7	45.7
105	21.8	1.4	41.4
51	29.5	9.5	49.5

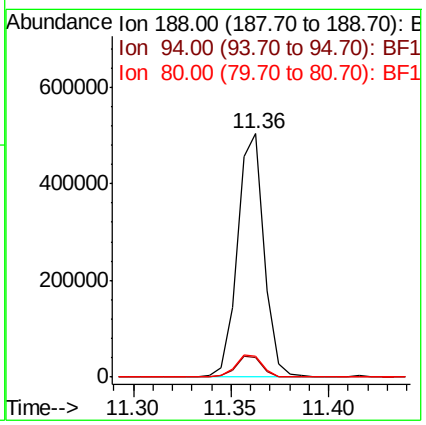


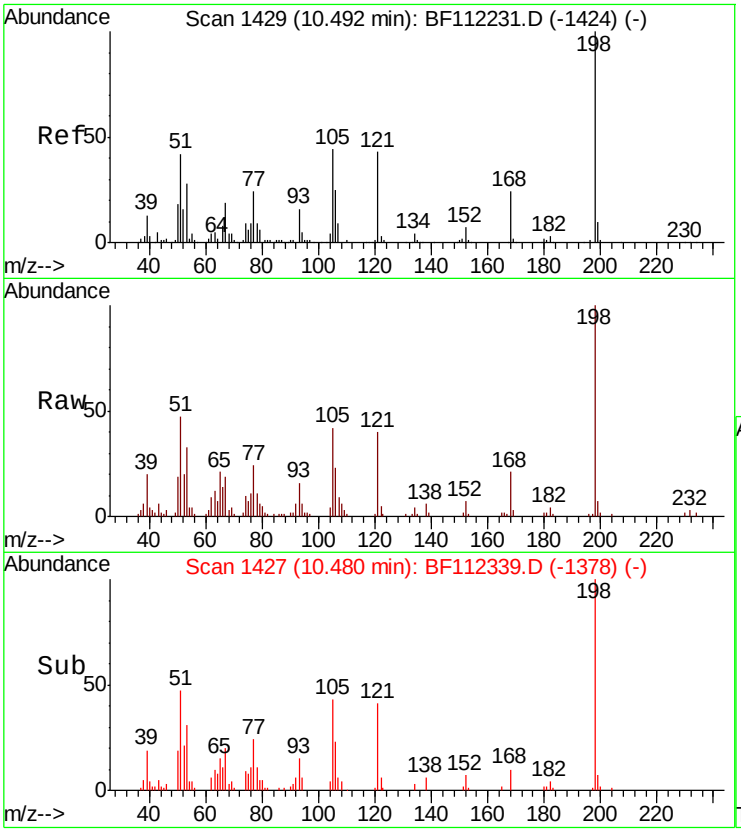


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:188 Resp: 475036

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.6	8.9	13.3#



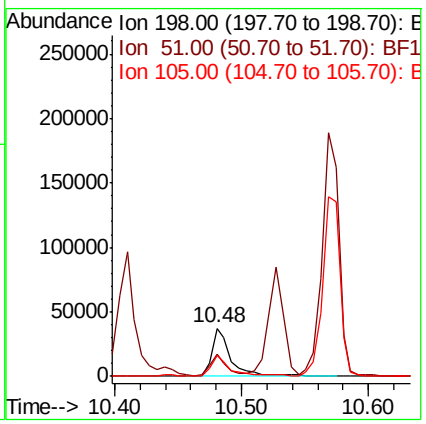


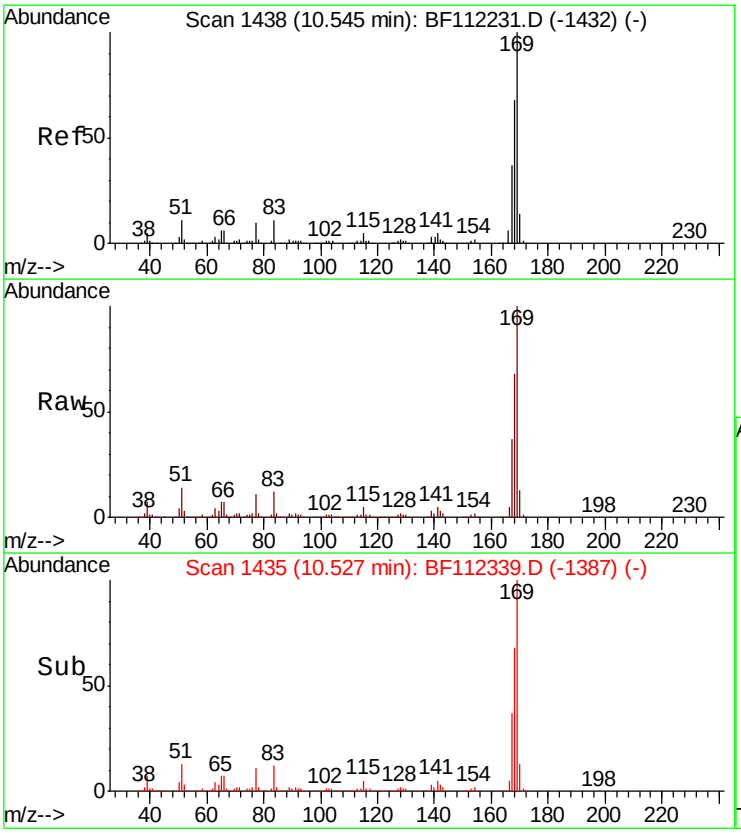
#65
4,6-Dinitro-2-methylphenol
Concen: 14.770 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:198 Resp: 39339

Ion	Ratio	Lower	Upper
198	100		
51	46.6	17.2	57.2
105	42.3	21.9	61.9

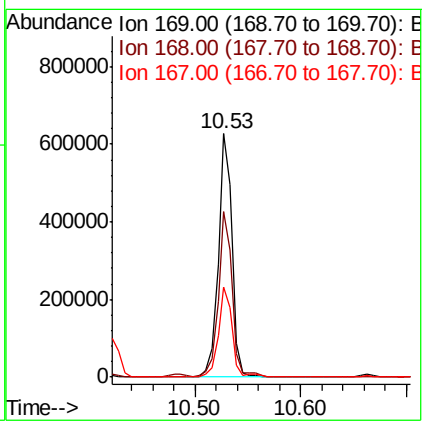


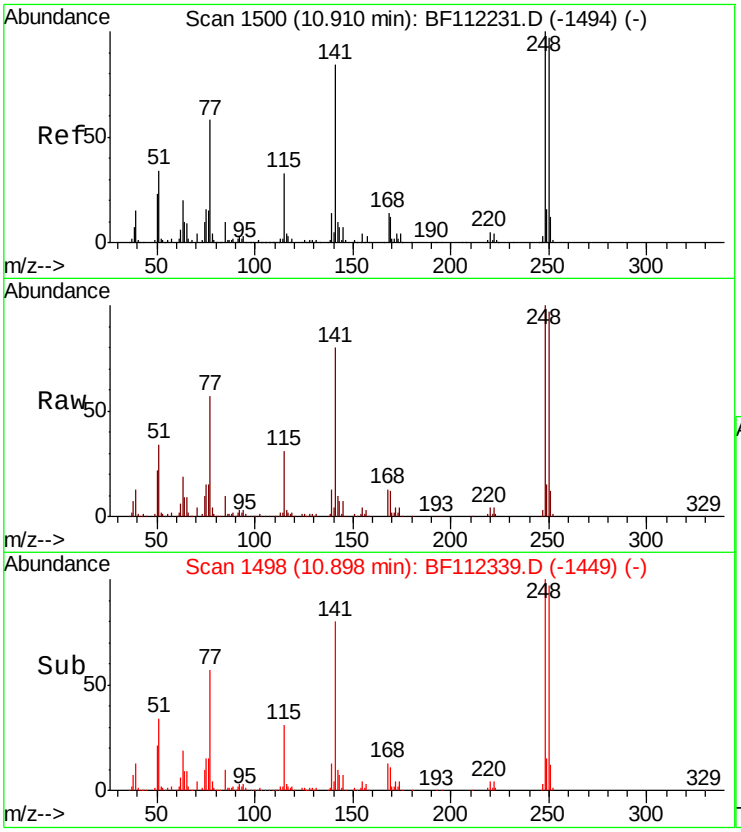


#66
n-Nitrosodiphenylamine
Concen: 35.840 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:169 Resp: 573793

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.9	80.9
167	37.0	28.9	43.3



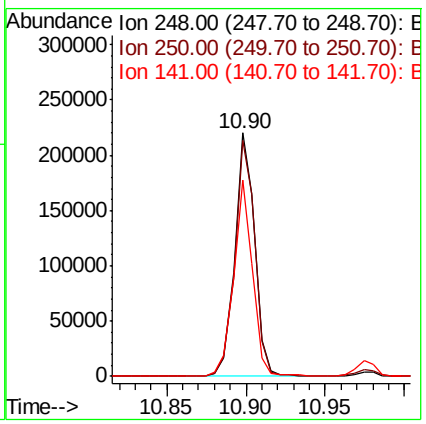


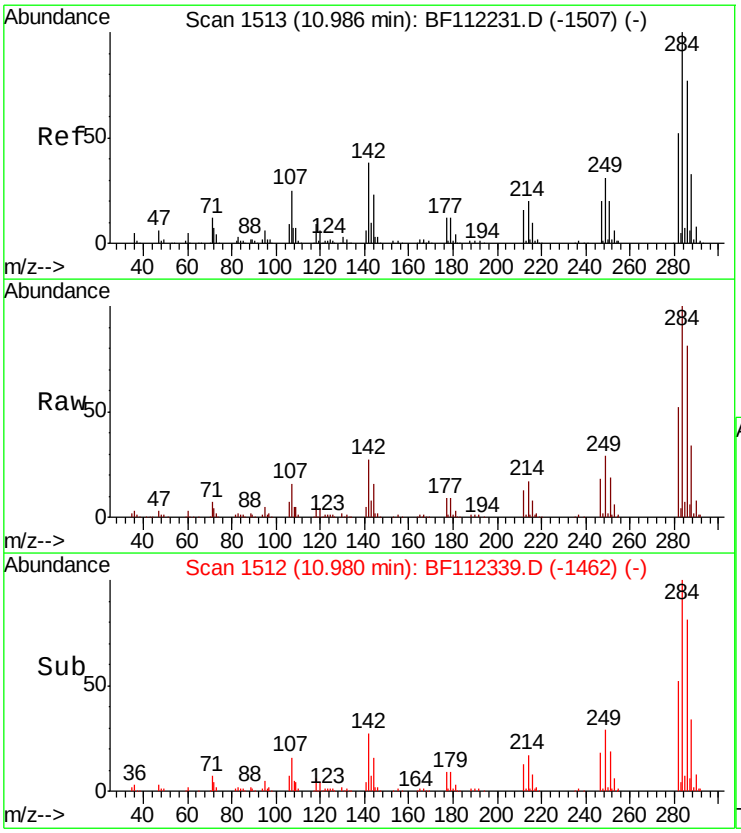
#67
4-Bromophenyl-phenylether
Concen: 34.285 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:248 Resp: 191556

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.7	119.5
141	80.4	60.3	90.5

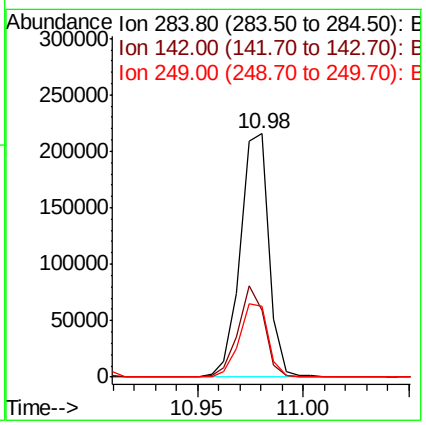


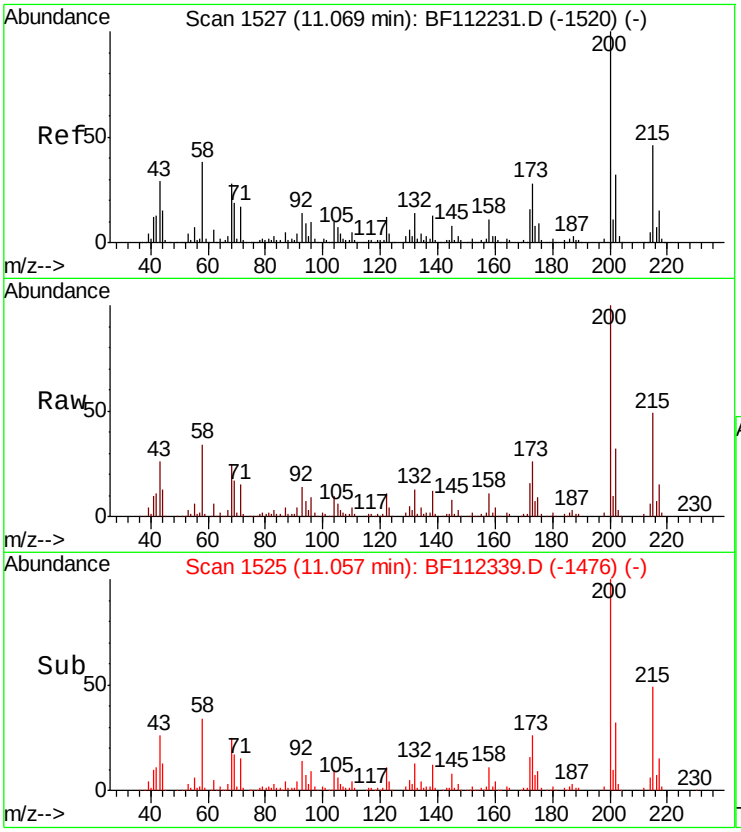


#68
Hexachlorobenzene
Concen: 33.913 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:284 Resp: 203285

Ion	Ratio	Lower	Upper
284	100		
142	27.3	27.6	41.4#
249	28.9	24.1	36.1



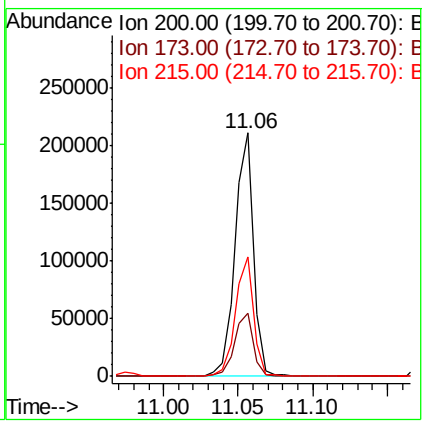


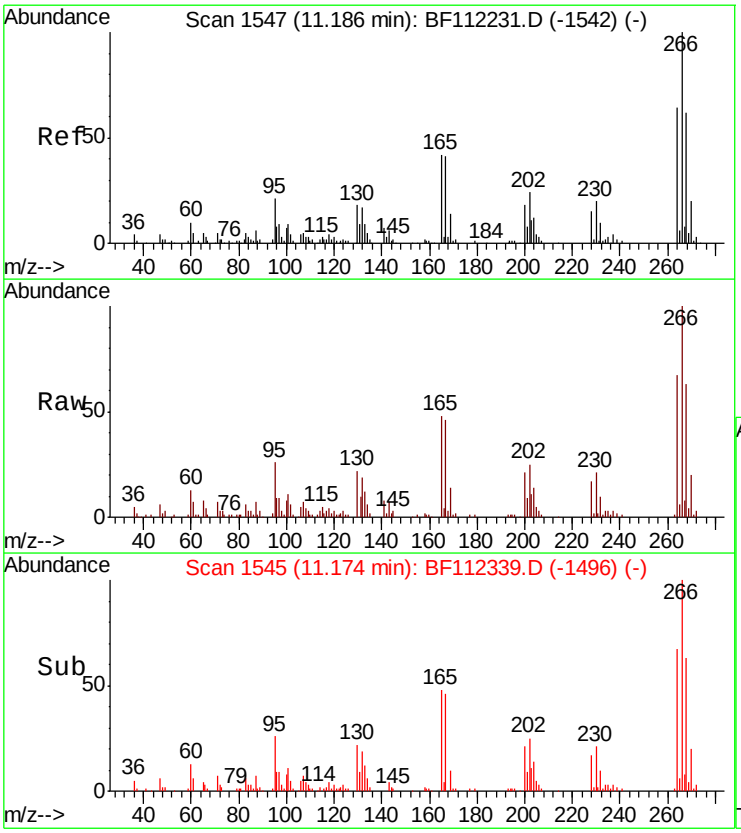
#69
Atrazine
Concen: 35.601 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:200 Resp: 183911

Ion	Ratio	Lower	Upper
200	100		
173	25.9	7.1	47.1
215	49.0	30.4	70.4

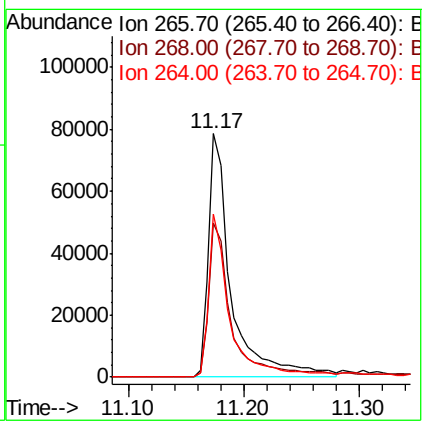


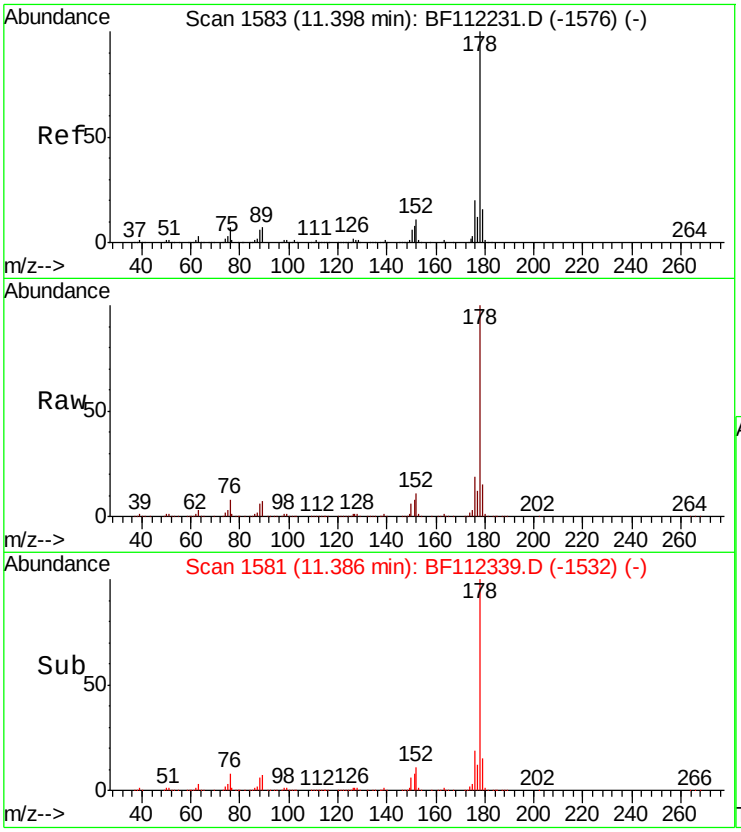


#70
Pentachlorophenol
Concen: 46.079 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:266 Resp: 107475

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.2	76.8
264	67.2	50.9	76.3



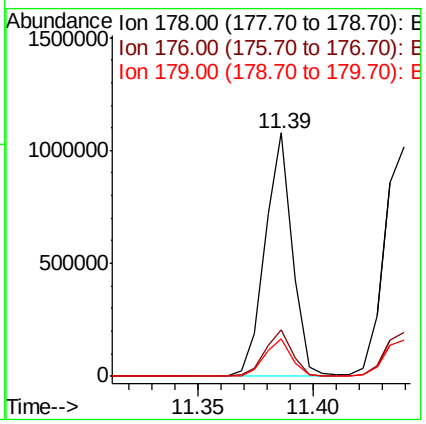


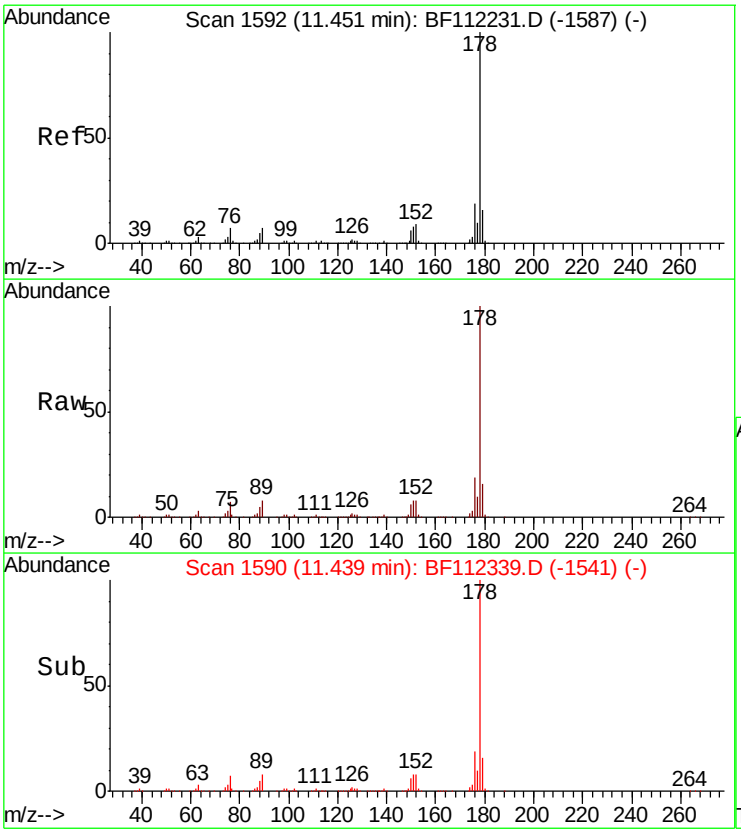
#71
Phenanthrene
Concen: 35.795 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:178 Resp: 884017

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.3	24.5
179	15.4	13.0	19.4

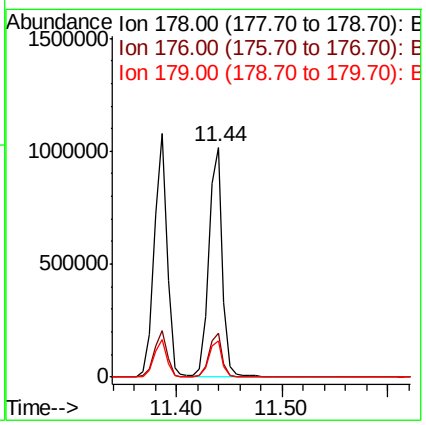


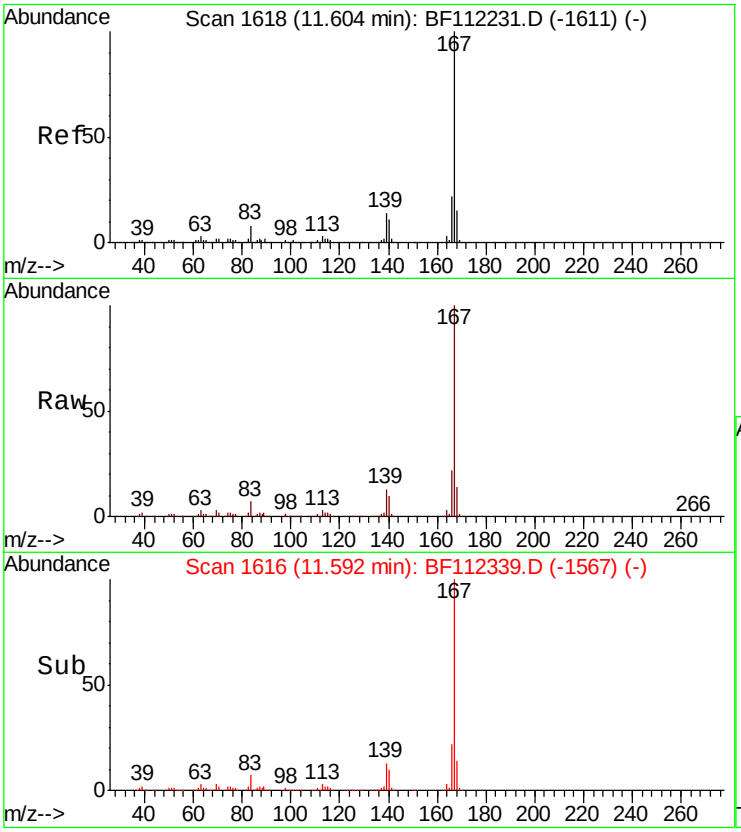


#72
Anthracene
Concen: 37.457 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:178 Resp: 921472

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.6	12.8	19.2



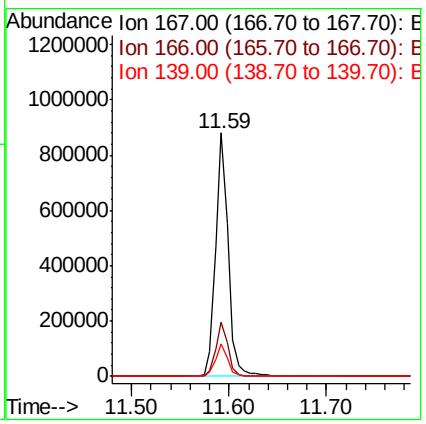


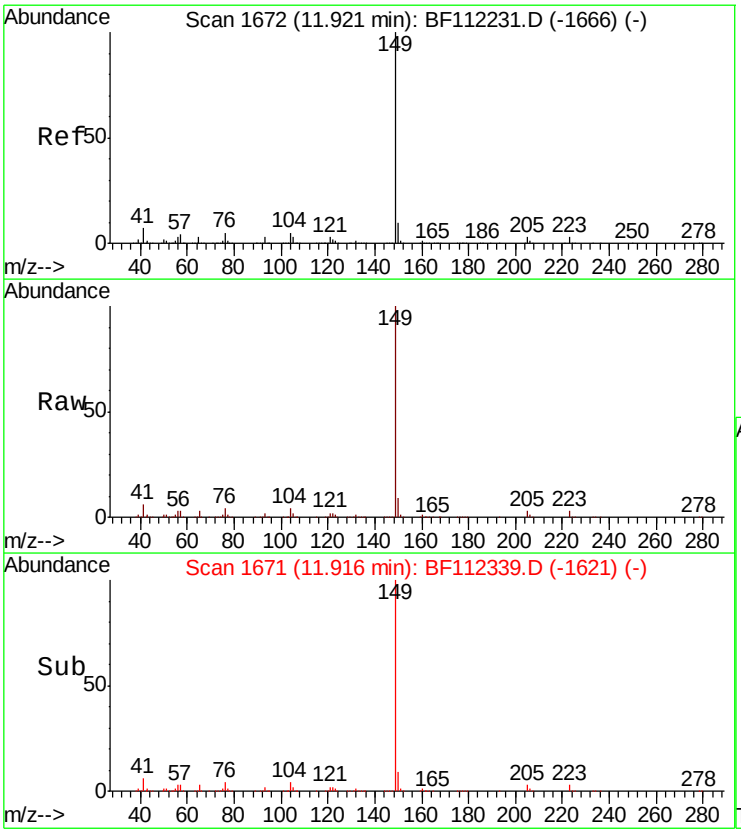
#73
Carbazole
Concen: 32.590 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:167 Resp: 790842

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.1	10.2	15.2

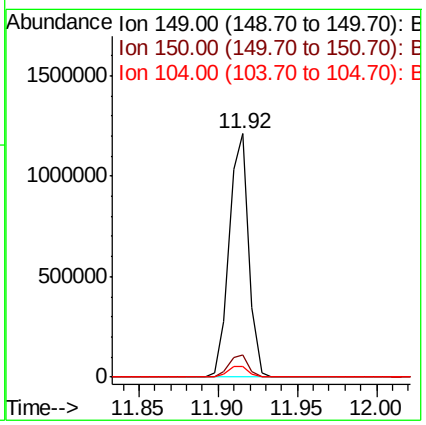


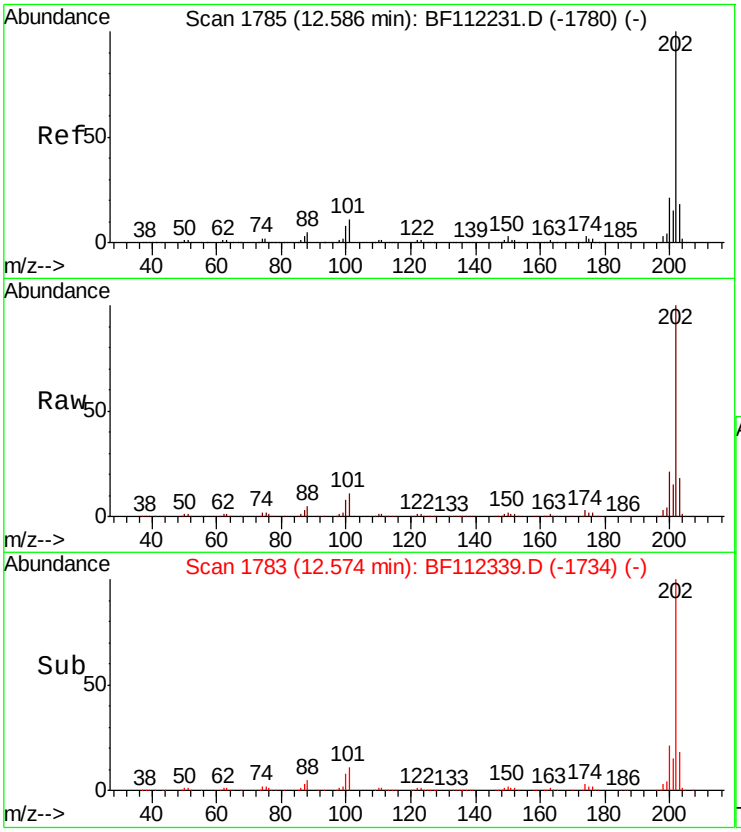


#74
Di-n-butylphthalate
Concen: 34.395 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:149 Resp: 1036008

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.4	3.9	5.9



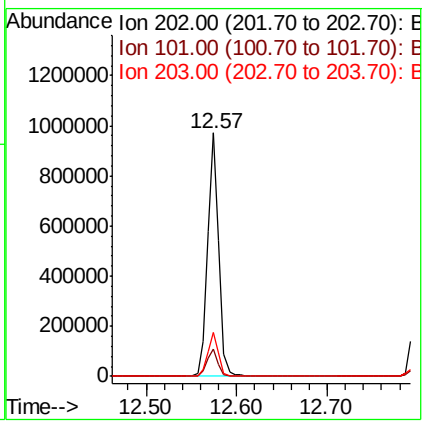


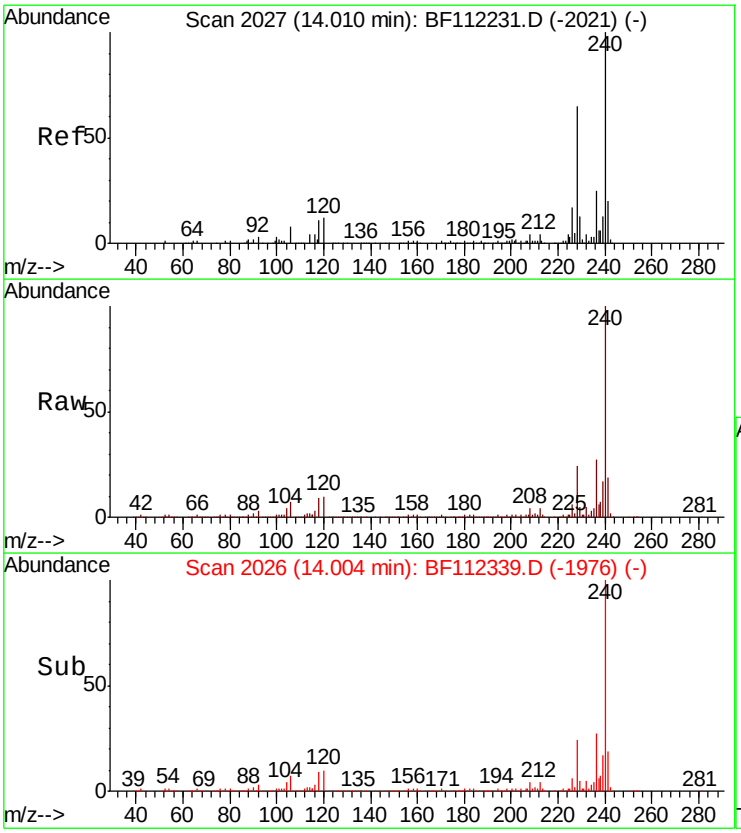
#75
Fluoranthene
Concen: 31.843 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:202 Resp: 843467

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.8
203	18.1	0.0	38.4

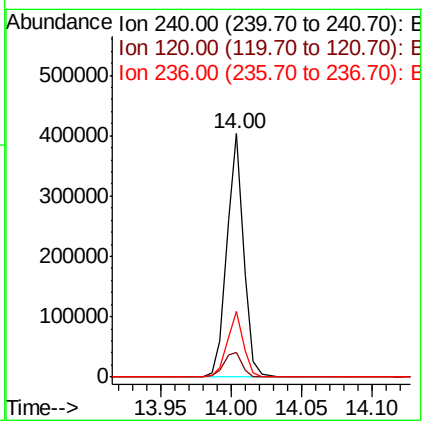


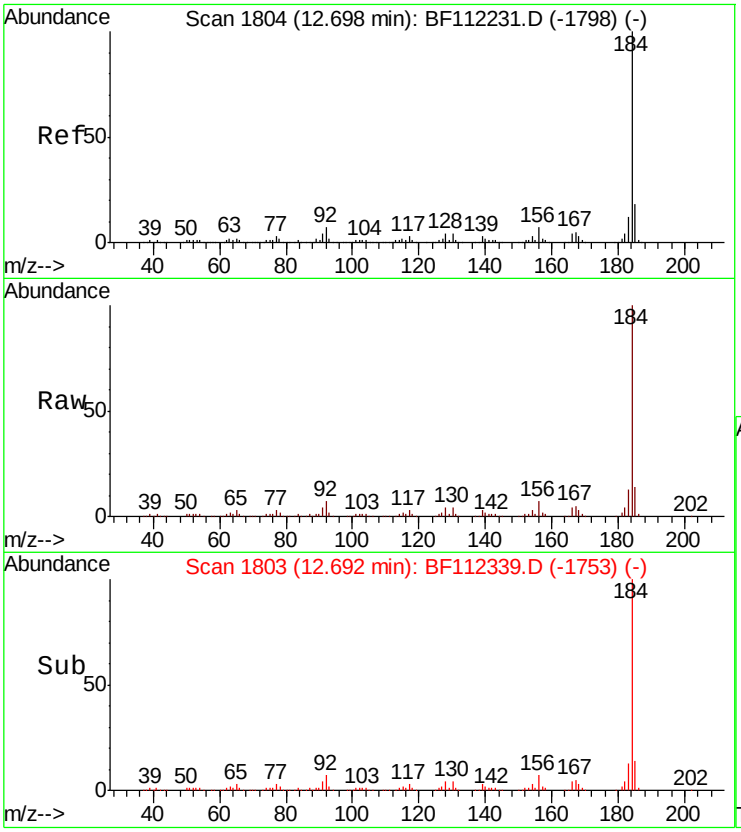


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:240 Resp: 332441

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.6
236	26.8	20.7	31.1



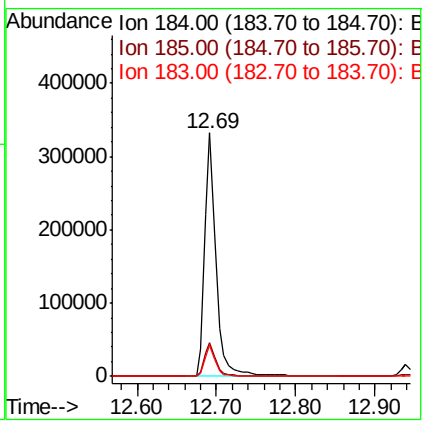


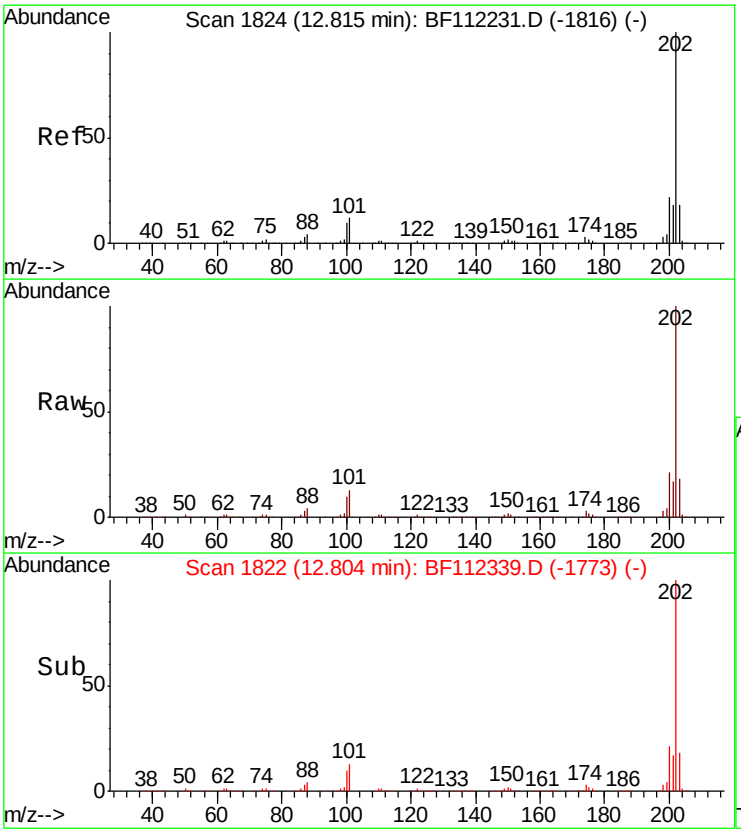
#77
Benzidine
Concen: 36.836 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:184 Resp: 337050

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.9	20.9
183	12.8	10.0	15.0

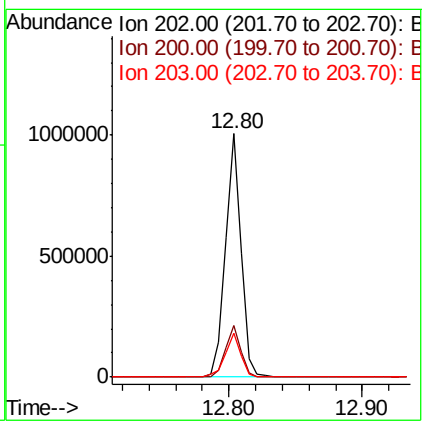


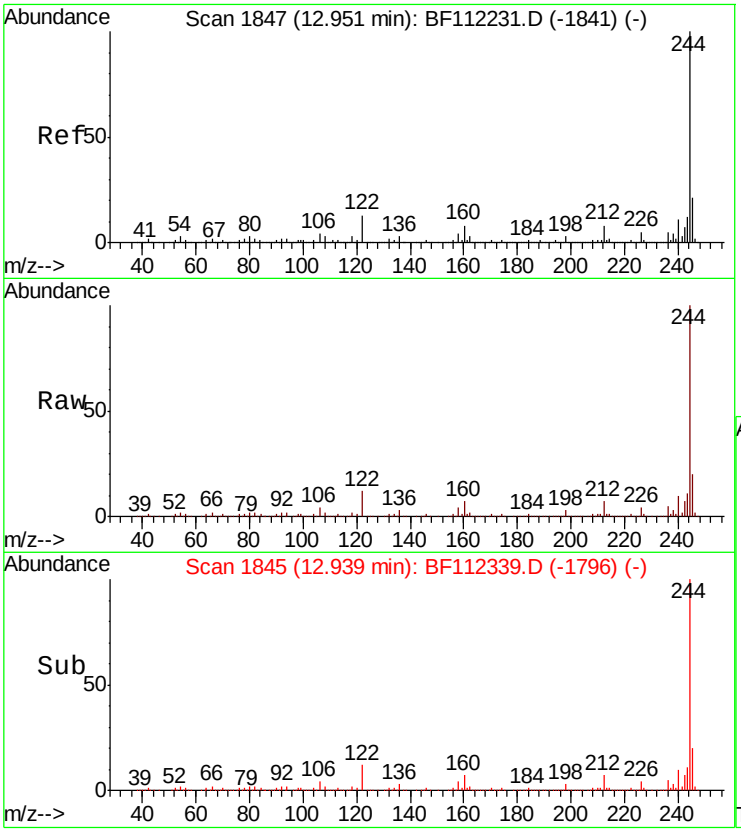


#78
Pyrene
Concen: 36.278 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:202 Resp: 834984

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.8	14.6	22.0



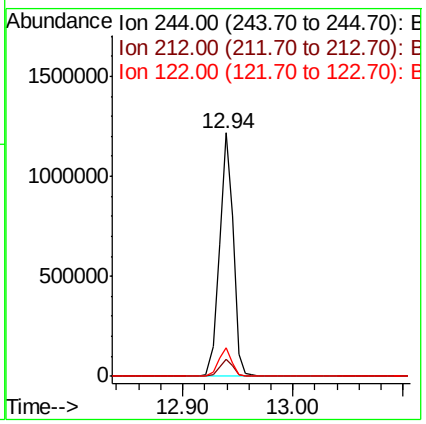


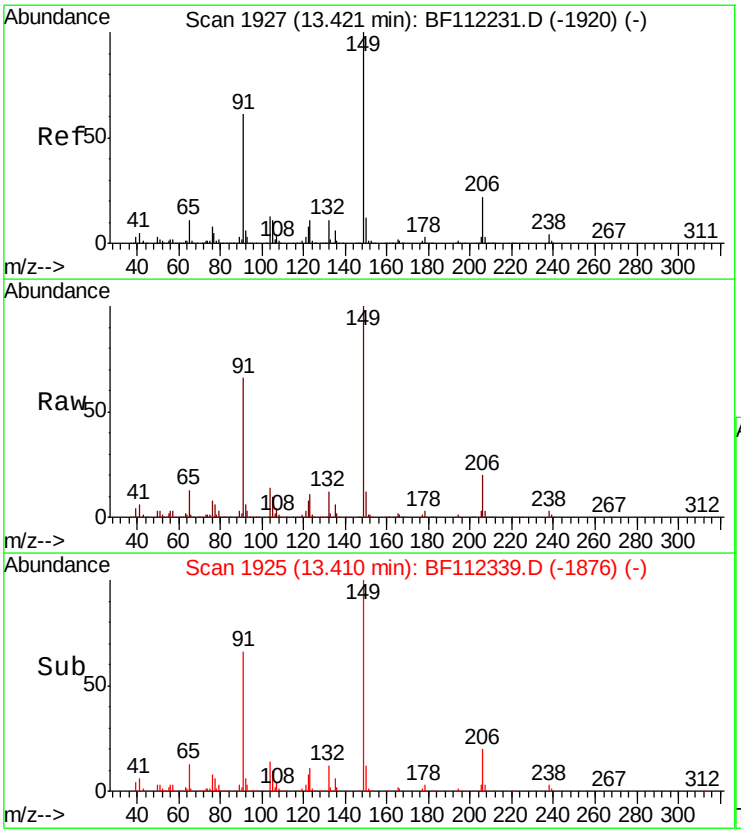
#79
Terphenyl-d14
Concen: 59.802 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:244 Resp: 1055539

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.5	9.8	14.6

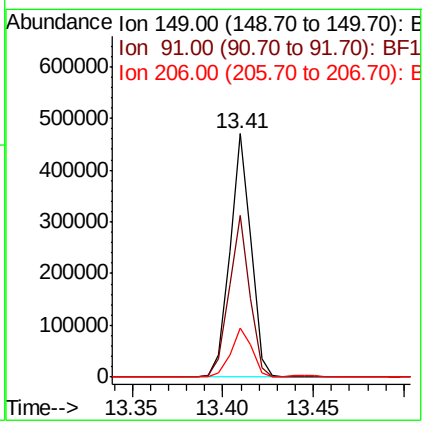


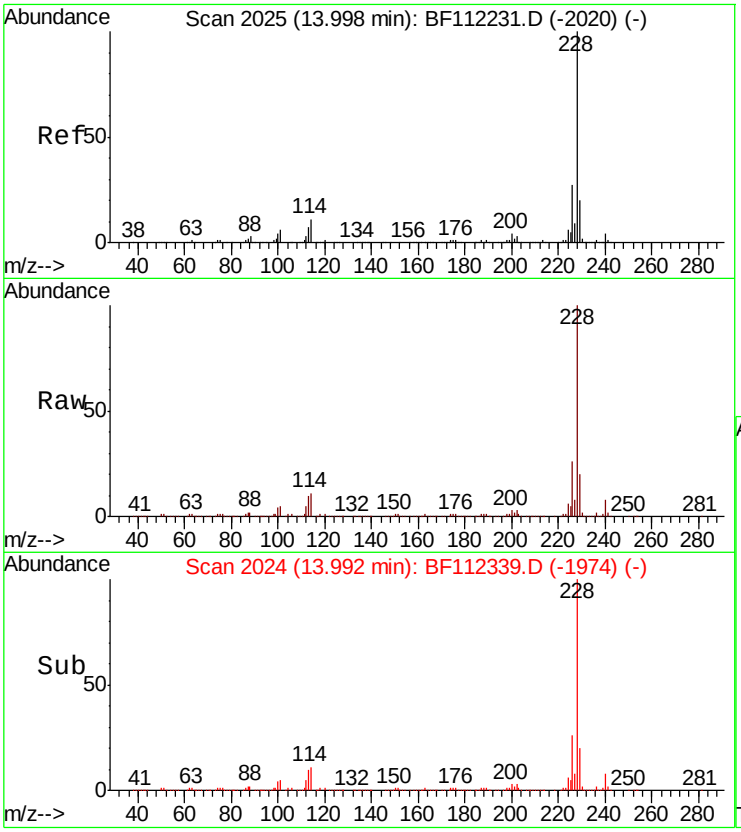


#80
Butylbenzylphthalate
Concen: 34.050 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:149 Resp: 379176

Ion	Ratio	Lower	Upper
149	100		
91	66.4	50.3	75.5
206	20.2	18.2	27.4



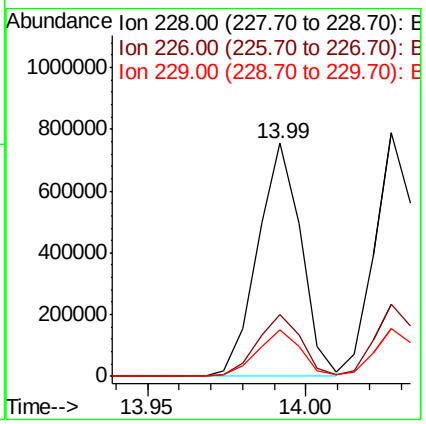


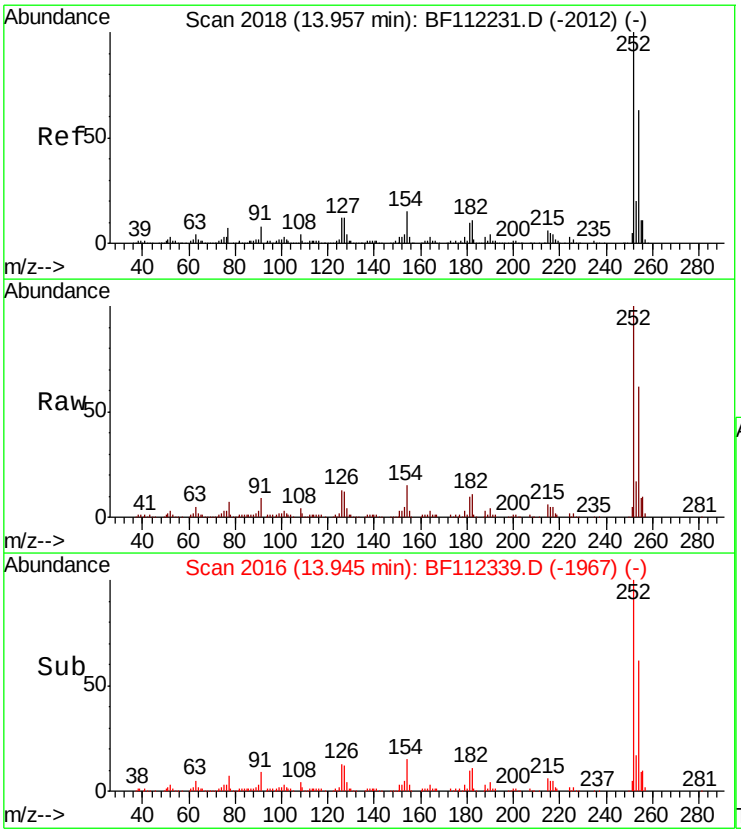
#81
Benzo(a)anthracene
Concen: 36.747 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:228 Resp: 718127

Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.6	34.0
229	19.9	16.5	24.7

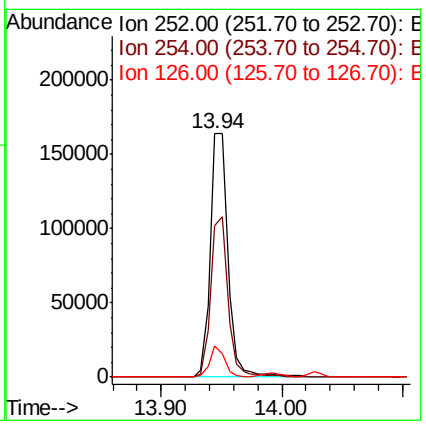


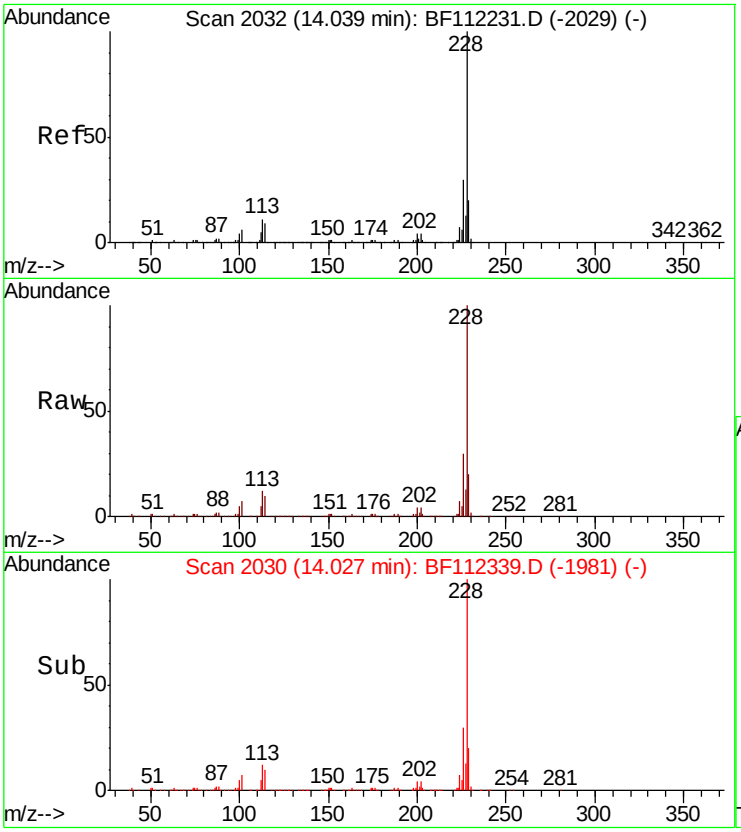


#82
3,3'-Dichlorobenzidine
Concen: 22.584 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:252 Resp: 165176

Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.6	77.4
126	12.7	8.6	12.8



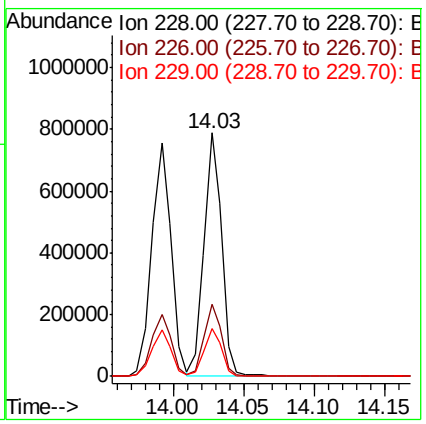


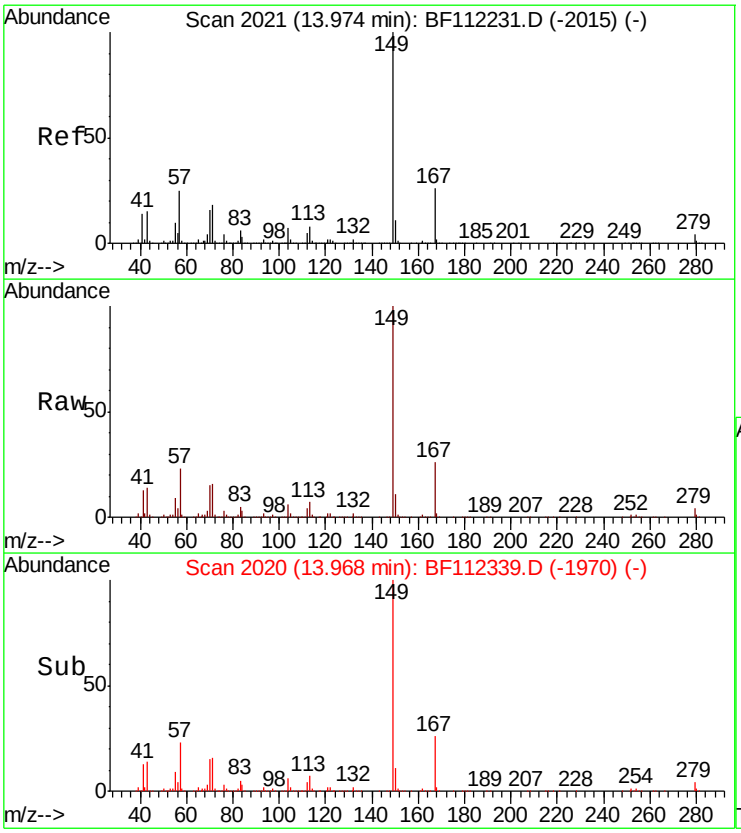
#83
Chrysene
Concen: 36.702 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:228 Resp: 684656

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.8	16.6	24.8

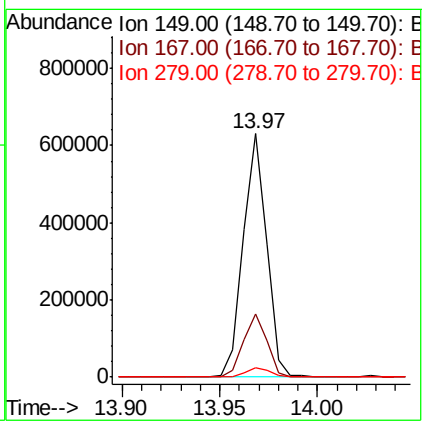


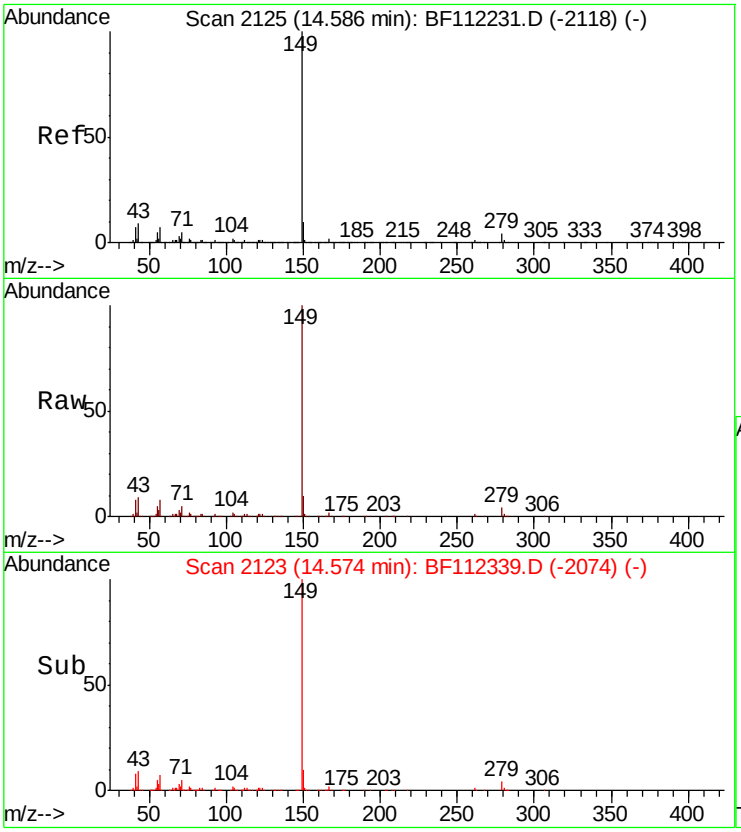


#84
Bis(2-ethylhexyl)phthalate
Concen: 33.159 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:149 Resp: 524149

Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.5	33.7
279	4.0	3.8	5.6



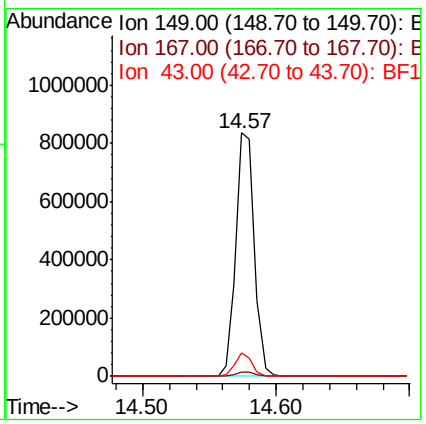


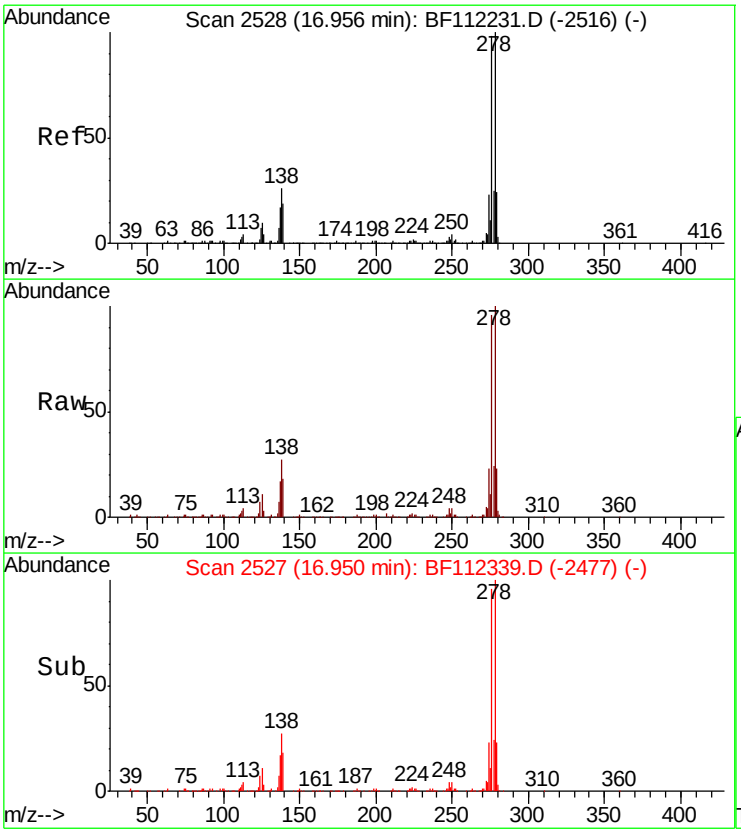
#85
Di-n-octyl phthalate
Concen: 33.465 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument : BNA_F
ClientSampleId : PB116708BSD

Tgt Ion:149 Resp: 813867

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.5	7.8	11.6

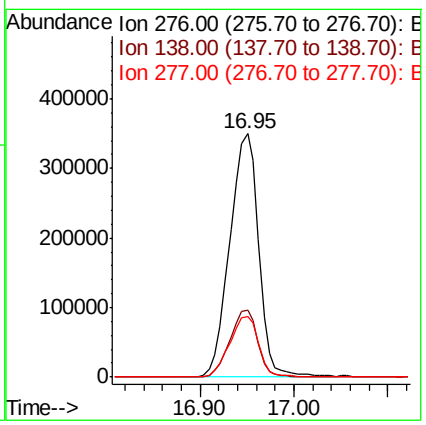


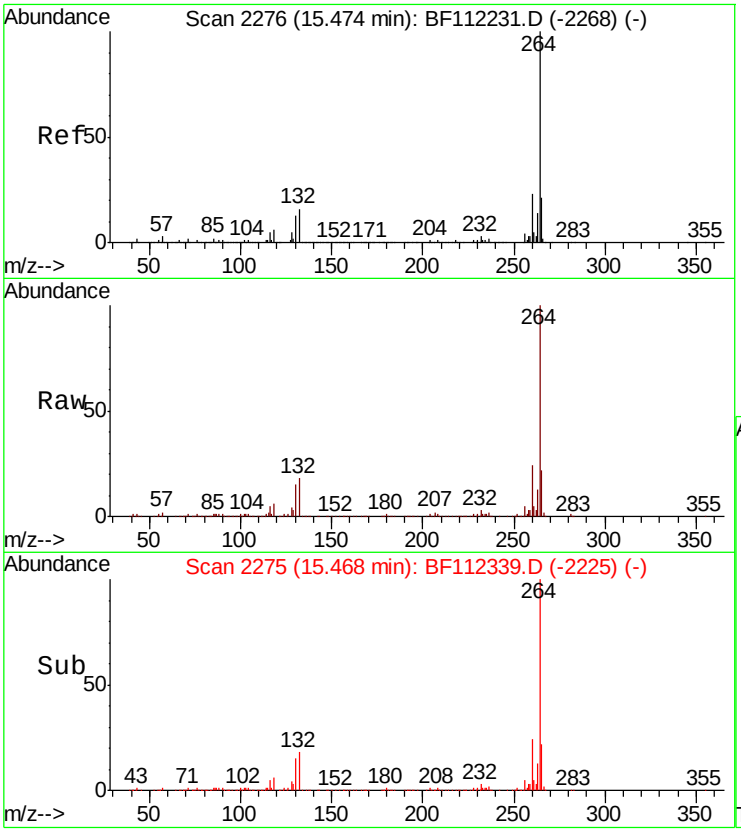


#86
Indeno(1,2,3-cd)pyrene
Concen: 50.648 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:276 Resp: 748647

Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.6	34.0
277	25.3	20.3	30.5



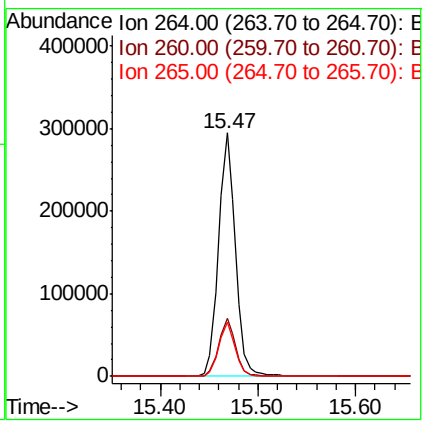


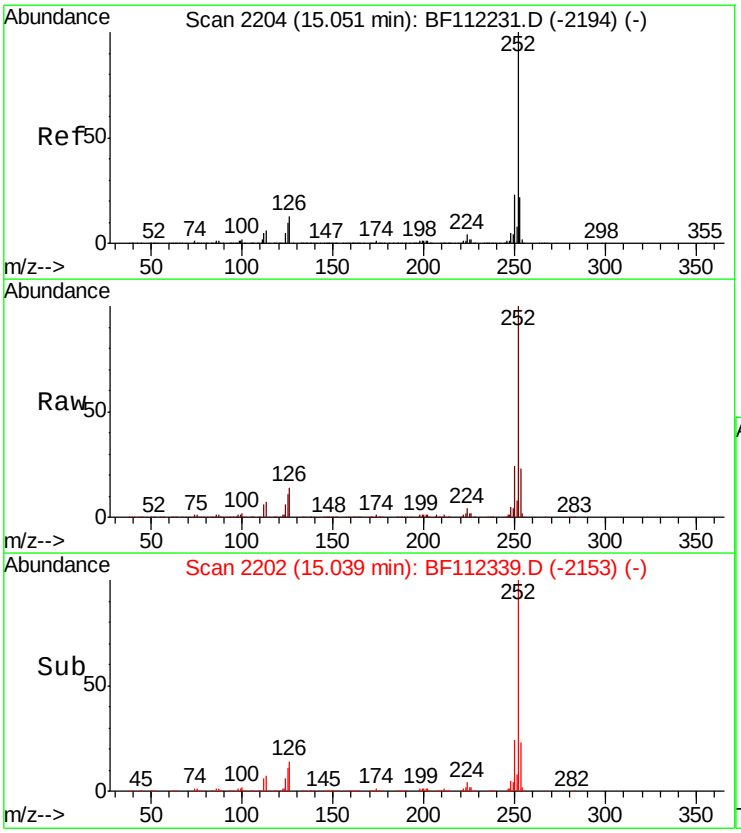
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:264 Resp: 354647

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.0	17.0	25.4

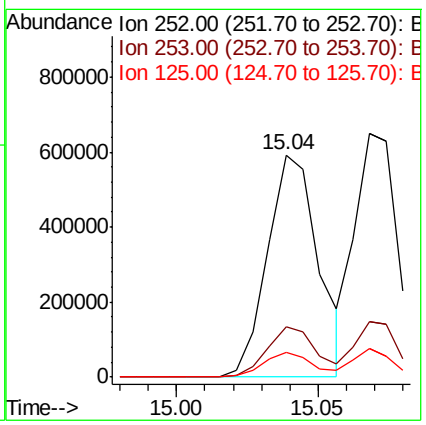


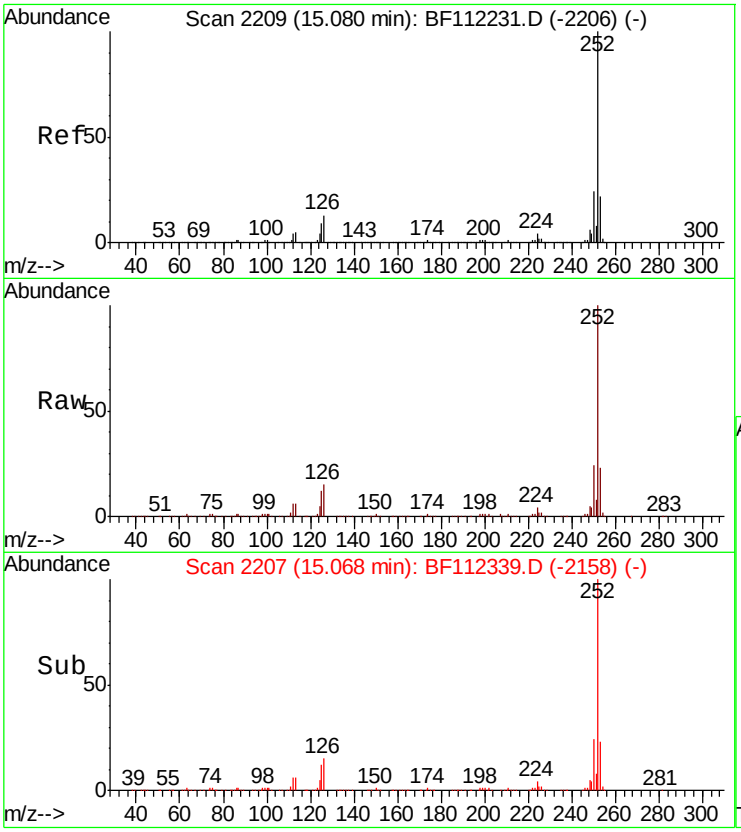


#88
Benzo(b)fluoranthene
Concen: 35.114 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:252 Resp: 744747

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.2	8.7	13.1



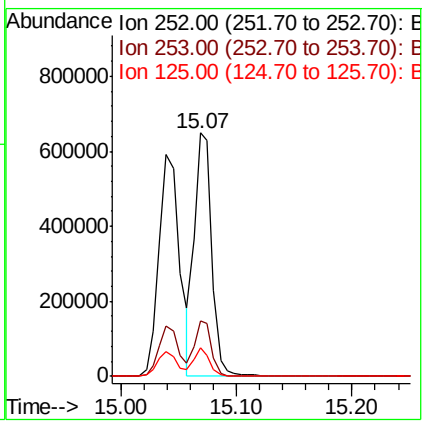


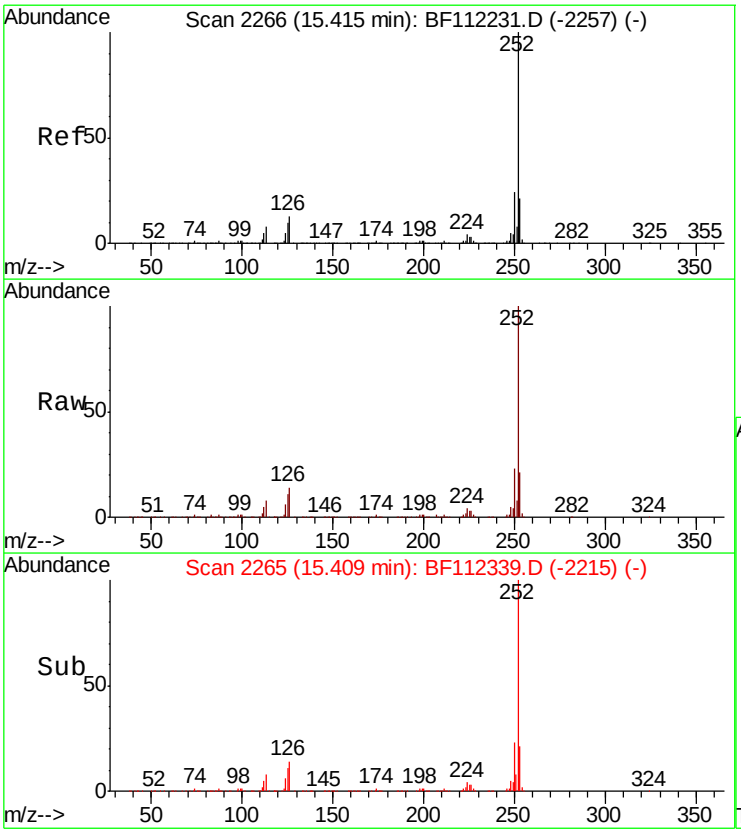
#89
Benzo(k)fluoranthene
Concen: 34.003 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:252 Resp: 690786

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.6	9.1	13.7

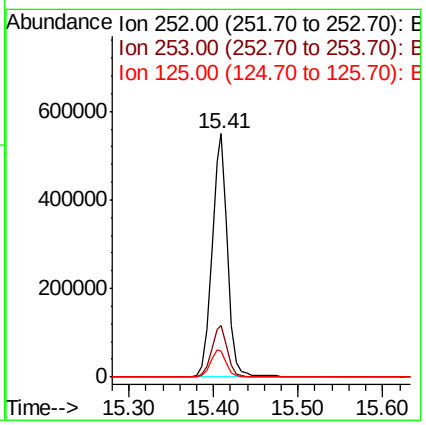


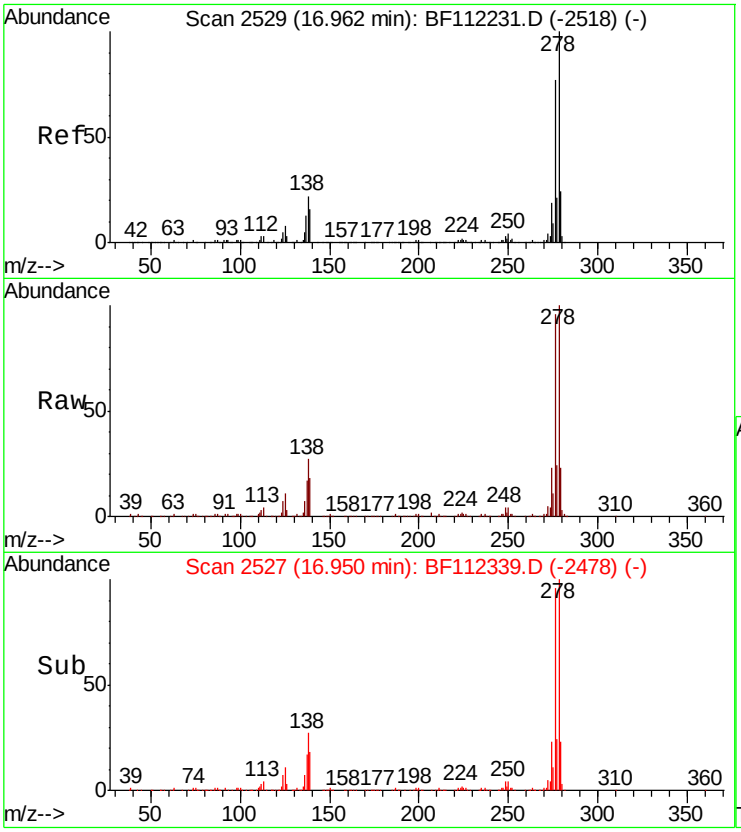


#90
Benzo(a)pyrene
Concen: 37.464 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:252 Resp: 714972

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.9	9.0	13.4



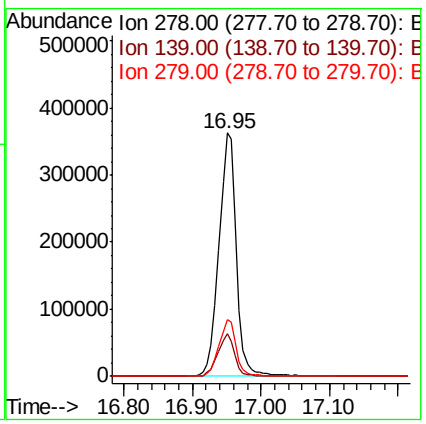


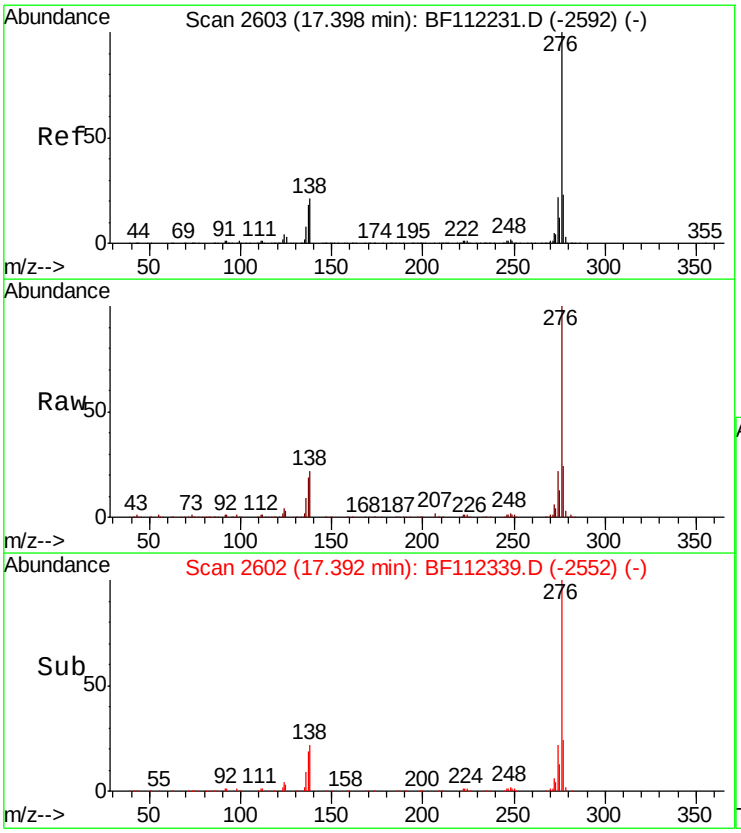
#91
Dibenzo(a,h)anthracene
Concen: 41.633 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Instrument :
BNA_F
ClientSampleId :
PB116708BSD

Tgt Ion:278 Resp: 640355

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.7	20.5
279	23.3	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 41.048 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BF112339.D
Acq: 30 Jan 2019 23:30

Tgt Ion:276 Resp: 595648

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.5	19.1	28.7