Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
Data File : BF109842.D
Acq On : 12 Oct 2018 19:07
Operator : JU/SJ
Sample : J5197-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101118MSD

Quant Time: Oct 12 22:21:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104458	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	412768	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	187941	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	350407	20.00	ng		0.00
75) Chrysene-d12	13.83	240	199851	20.00	ng		0.00
86) Perylene-d12	15.23	264	196856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	825531	140.28	ng		0.00
7) Phenol-d6	6.36	99	1073270	136.52	ng		0.00
23) Nitrobenzene-d5	7.26	82	738781	98.66	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	277778	135.65	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1251065	91.68	ng		0.00
78) Terphenyl-d14	12.78	244	958080	92.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	91356	29.579	ng		97
3) Pyridine	3.18	79	212072	33.282	ng		97
4) n-Nitrosodimethylamine	3.11	42	107971	46.946	ng		96
6) Aniline	6.37	93	246907	26.961	ng	#	41
8) 2-Chlorophenol	6.49	128	304255	42.038	ng		96
9) Benzaldehyde	6.25	77	139135	27.503	ng		98
10) Phenol	6.37	94	358827	39.805	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	263338	35.236	ng		99
12) 1,3-Dichlorobenzene	6.64	146	322071	38.907	ng		98
13) 1,4-Dichlorobenzene	6.71	146	355120	39.355	ng		98
14) 1,2-Dichlorobenzene	6.87	146	324934	41.003	ng		99
15) Benzyl Alcohol	6.85	79	251915	43.224	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	393347	39.693	ng		93
17) 2-Methylphenol	6.97	107	242661	42.398	ng		99
18) Hexachloroethane	7.20	117	128489	40.285	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	223797	40.594	ng		99
20) 3+4-Methylphenols	7.12	107	293069	41.555	ng		93
22) Acetophenone	7.11	105	453563	45.440	ng	#	99
24) Nitrobenzene	7.28	77	331949	42.603	ng		97
25) Isophorone	7.52	82	614676	49.434	ng		99
26) 2-Nitrophenol	7.60	139	159620	43.797	ng		99
27) 2,4-Dimethylphenol	7.65	122	266334	50.605	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	382582	45.488	ng		99
29) 2,4-Dichlorophenol	7.85	162	269839	45.710	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	276505	42.311	ng		99
31) Naphthalene	8.00	128	900955	47.197	ng		100
32) Benzoic acid	7.78	122	64662	17.184	ng		92
33) 4-Chloroaniline	8.06	127	98724	11.744	ng		98
34) Hexachlorobutadiene	8.12	225	168840	41.553	ng		99
35) Caprolactam	8.43	113	43907	24.905	ng		97
36) 4-Chloro-3-methylphenol	8.55	107	284205	45.608	ng		98
37) 2-Methylnaphthalene	8.69	142	592328	47.370	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	278113	43.472	ng		99
40) Hexachlorocyclopentadiene	8.85	237	193506	70.061	ng		98

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Acq On : 12 Oct 2018 19:07
Operator : JU/SJ
Sample : J5197-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101118MSD

Quant Time: Oct 12 22:21:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	168079	43.949	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	193812	44.075	ng		98
45) 1,1'-Biphenyl	9.15	154	724137	43.130	ng		100
46) 2-Chloronaphthalene	9.17	162	551353	43.832	ng		97
47) 2-Nitroaniline	9.28	65	175408	46.054	ng		93
48) Acenaphthylene	9.59	152	851216	46.418	ng		99
49) Dimethylphthalate	9.46	163	752536	54.596	ng		100
50) 2,6-Dinitrotoluene	9.52	165	133101	44.547	ng		98
51) Acenaphthene	9.76	154	478909	44.054	ng		99
52) 3-Nitroaniline	9.69	138	82529	24.641	ng		99
53) 2,4-Dinitrophenol	9.80	184	55510	57.584	ng		96
54) Dibenzofuran	9.93	168	712524	43.726	ng		100
55) 4-Nitrophenol	9.87	139	148884	81.212	ng		93
56) 2,4-Dinitrotoluene	9.93	165	166009	44.522	ng	#	88
57) Fluorene	10.27	166	563575	46.313	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	171573	47.999	ng		95
59) Diethylphthalate	10.15	149	624312	45.713	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	274665	42.784	ng		99
61) 4-Nitroaniline	10.31	138	132078	42.582	ng		97
62) Azobenzene	10.43	77	631571	45.540	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	61995	36.350	ng		93
65) n-Nitrosodiphenylamine	10.39	169	518437	43.644	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	172271	42.787	ng		95
67) Hexachlorobenzene	10.82	284	178498	40.942	ng	#	91
68) Atrazine	10.92	200	165343	44.601	ng		99
69) Pentachlorophenol	11.02	266	166525	67.879	ng		98
70) Phenanthrene	11.23	178	790111	45.057	ng		99
71) Anthracene	11.28	178	856998	47.277	ng		100
72) Carbazole	11.44	167	737745	41.962	ng		100
73) Di-n-butylphthalate	11.77	149	901119	44.192	ng		99
74) Fluoranthene	12.41	202	747526	40.805	ng		98
76) Benzidine	12.54	184	296859	39.986	ng		97
77) Pyrene	12.63	202	716337	48.922	ng		99
79) Butylbenzylphthalate	13.25	149	321371	50.623	ng		94
80) Benzo(a)anthracene	13.82	228	504558	45.750	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	143180	32.242	ng		98
82) Chrysene	13.86	228	542734	46.851	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	399880	51.630	ng		99
84) Di-n-octyl phthalate	14.42	149	634096	51.796	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	527281	63.592	ng		99
87) Benzo(b)fluoranthene	14.83	252	493865	45.398	ng		99
88) Benzo(k)fluoranthene	14.86	252	466847	42.711	ng		98
89) Benzo(a)pyrene	15.17	252	466863	47.291	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	442738	54.607	ng		98
91) Benzo(g,h,i)perylene	16.99	276	434014	53.607	ng		99

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

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Misc :
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Instrument :
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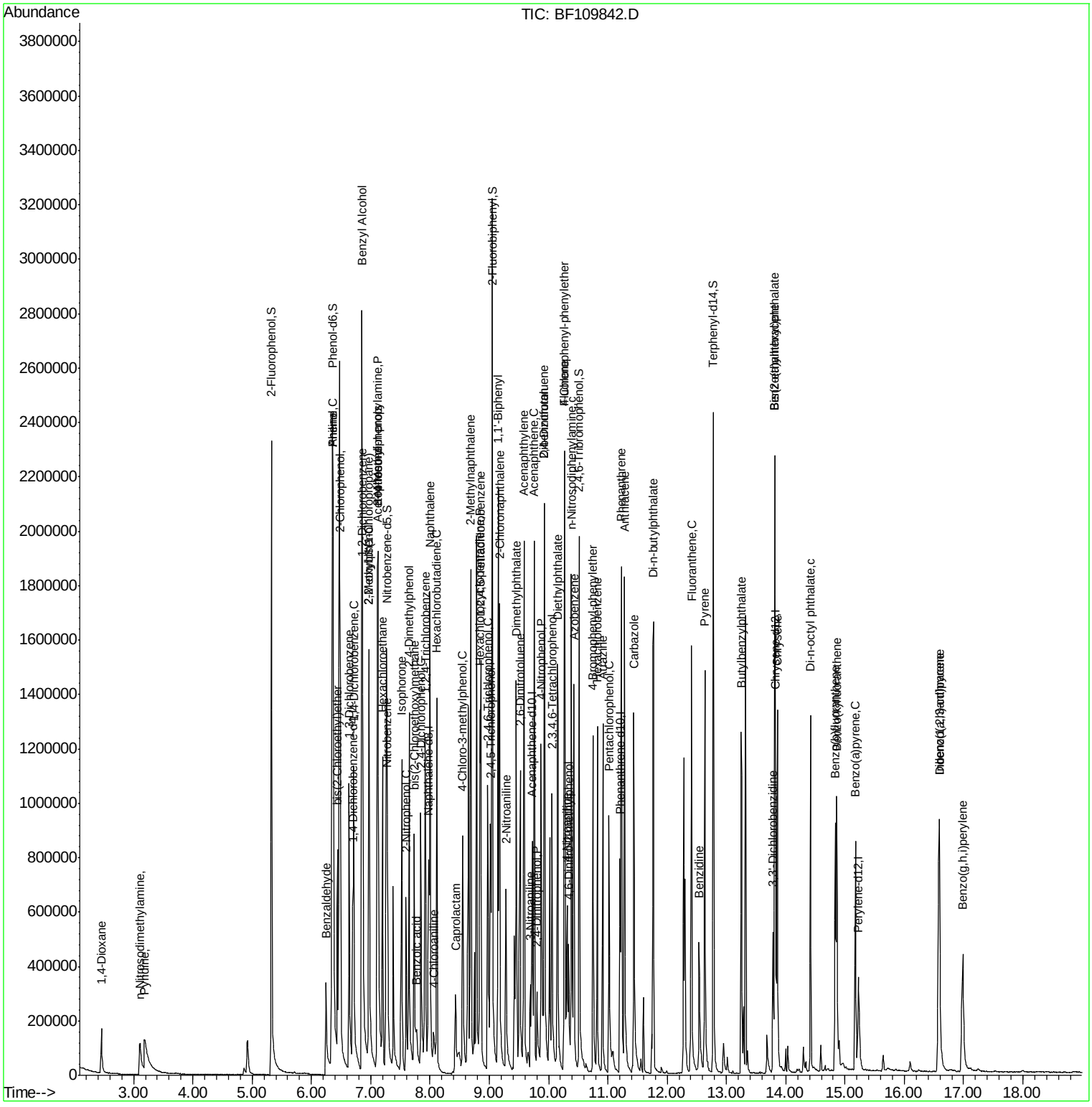
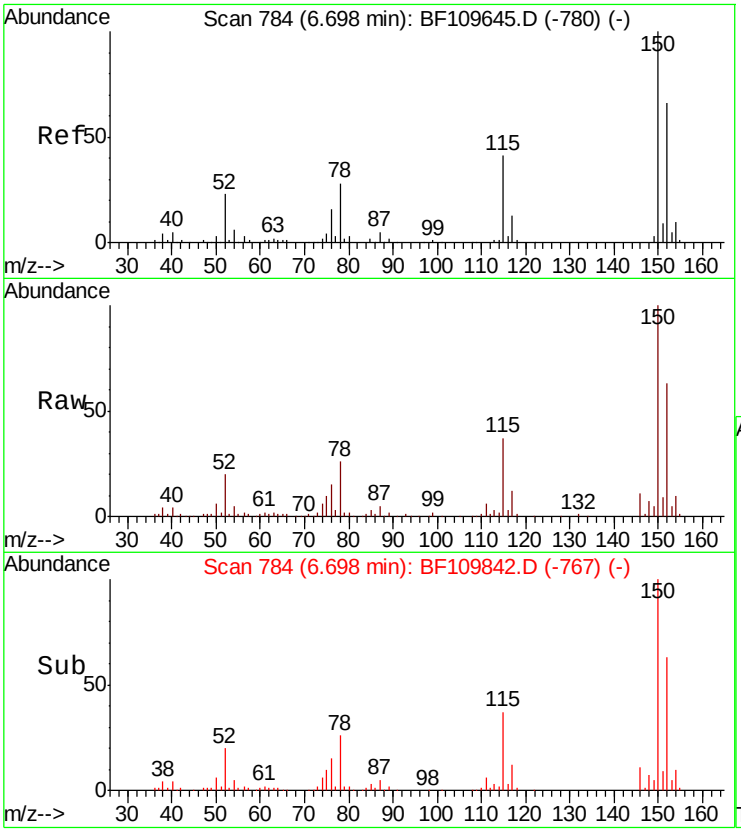


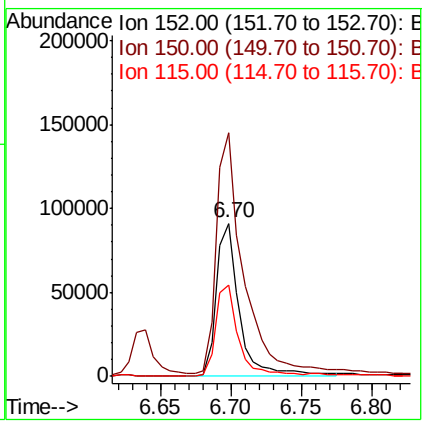


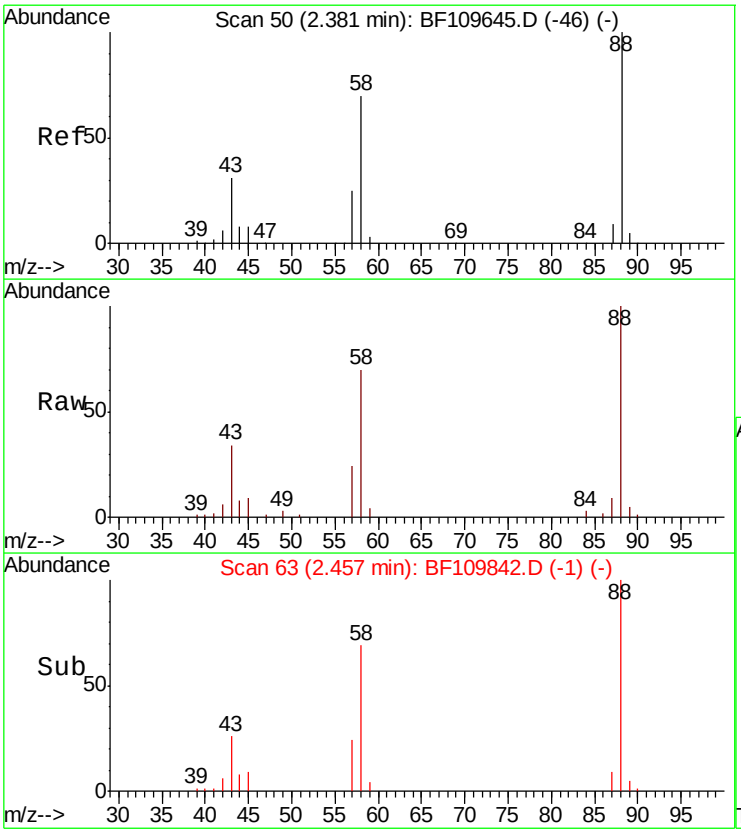
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:152 Resp: 104458

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	59.4	49.1	73.7

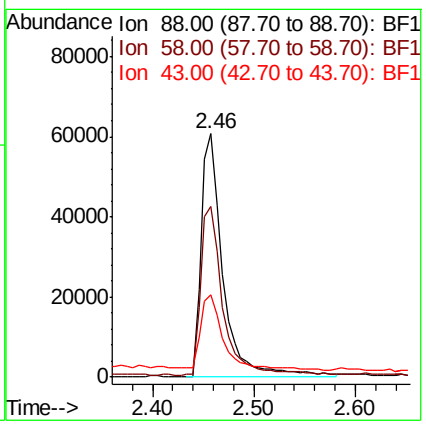


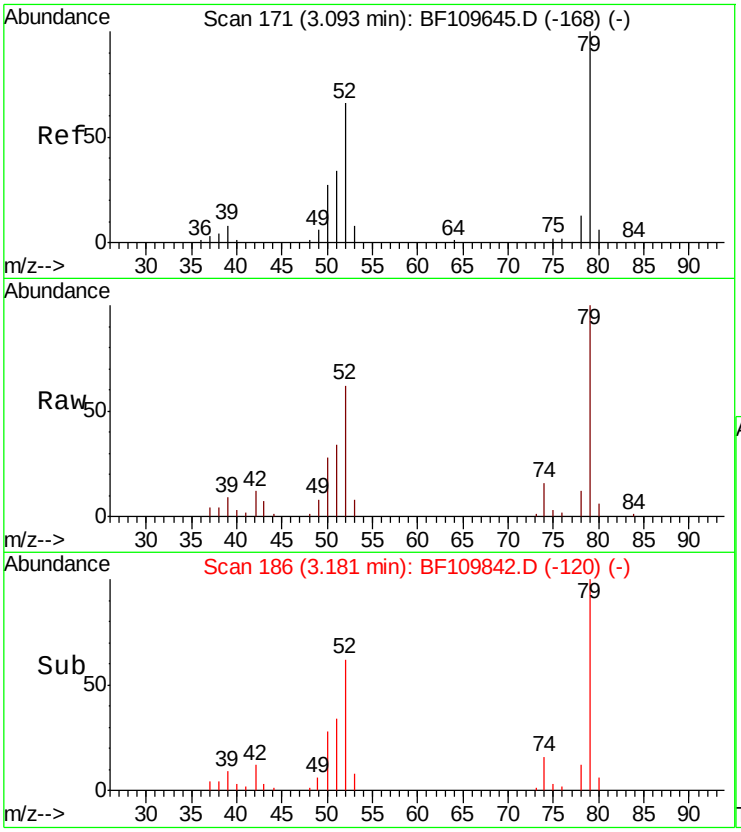


#2
1,4-Dioxane
Concen: 29.579 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.08 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 88 Resp: 91356

Ion	Ratio	Lower	Upper
88	100		
58	70.1	57.1	85.7
43	33.8	24.1	36.1



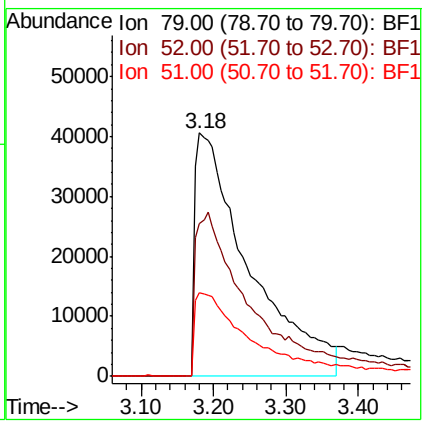


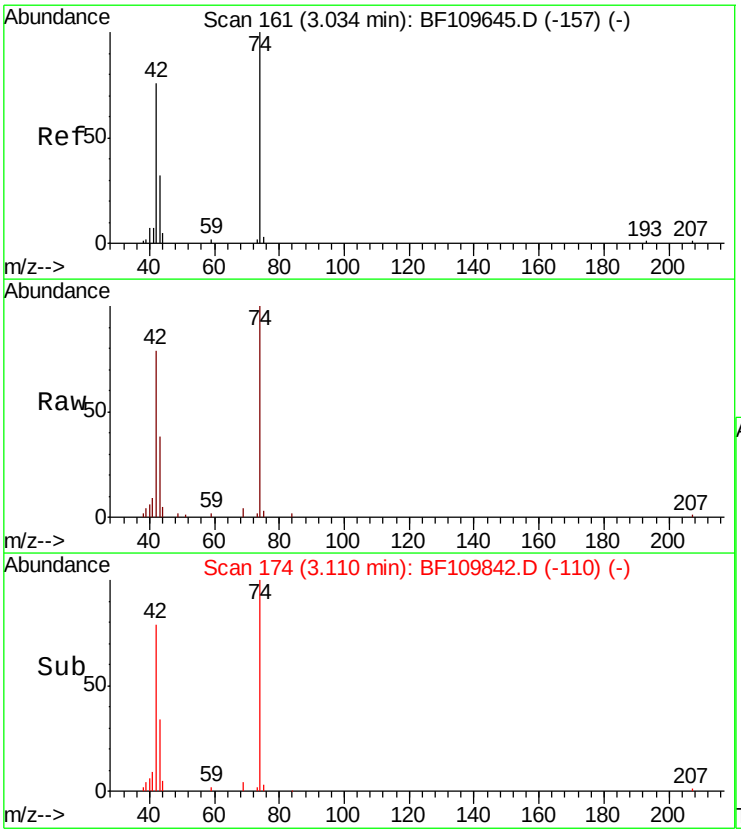
#3
Pyridine
Concen: 33.282 ng
RT: 3.18 min Scan# 186
Delta R.T. 0.09 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 79 Resp: 212072

Ion	Ratio	Lower	Upper
79	100		
52	62.5	53.1	79.7
51	34.4	27.4	41.2

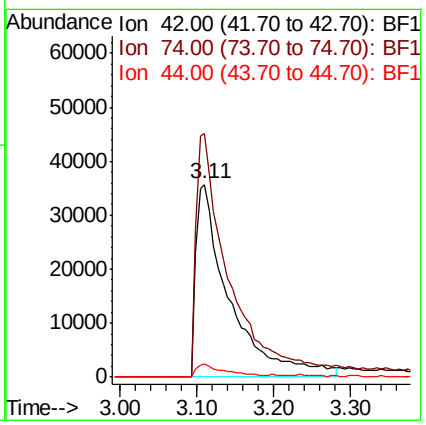


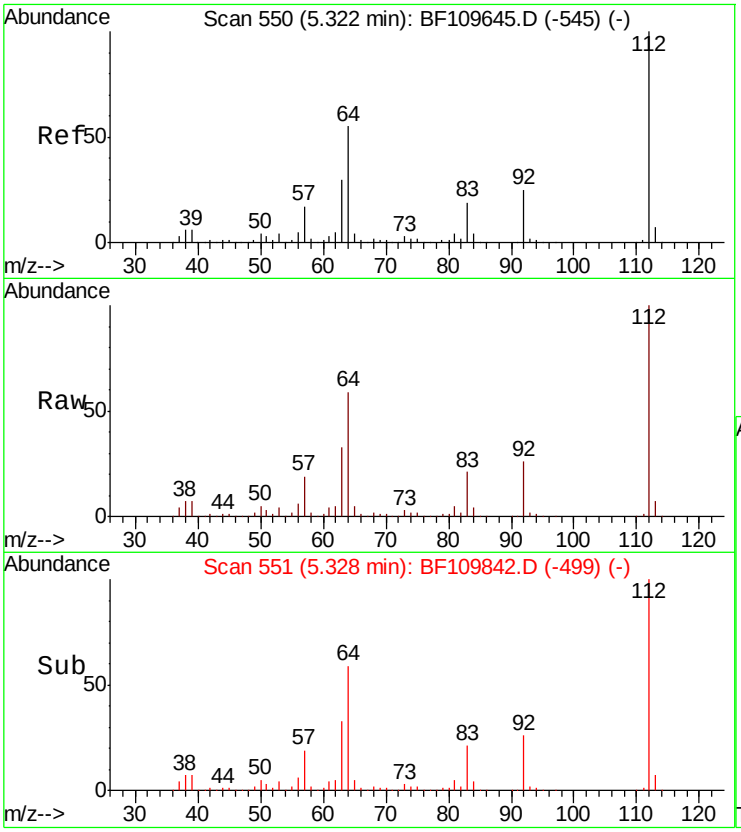


#4
n-Nitrosodimethylamine
Concen: 46.946 ng
RT: 3.11 min Scan# 174
Delta R.T. 0.08 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 42 Resp: 107971

Ion	Ratio	Lower	Upper
42	100		
74	126.5	105.5	158.3
44	6.6	4.9	7.3



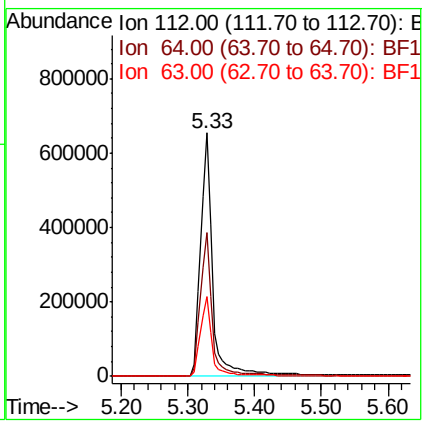


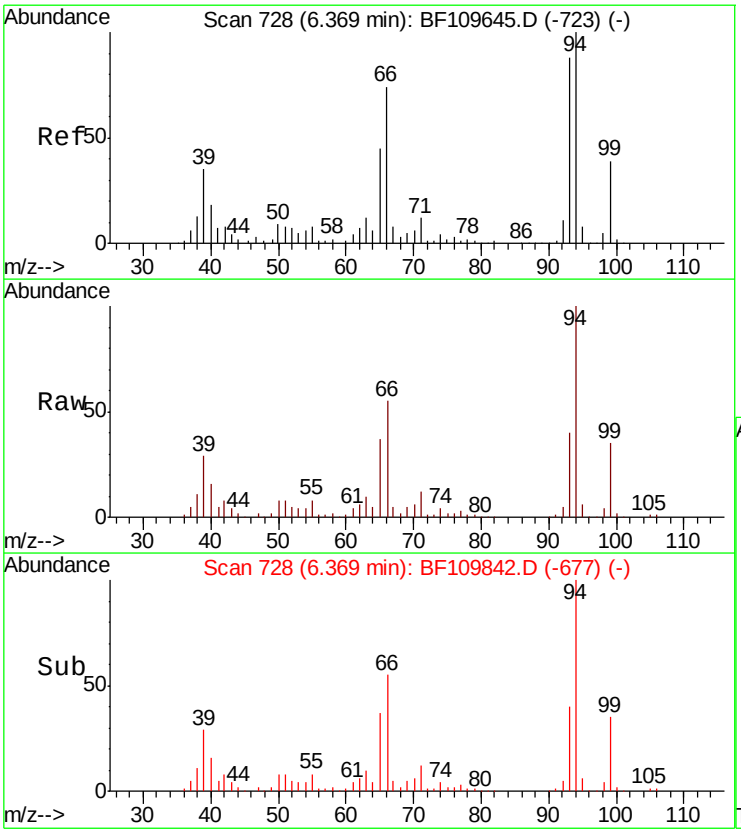
#5
2-Fluorophenol
Concen: 140.281 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:112 Resp: 825531

Ion	Ratio	Lower	Upper
112	100		
64	59.2	44.1	66.1
63	32.6	23.7	35.5

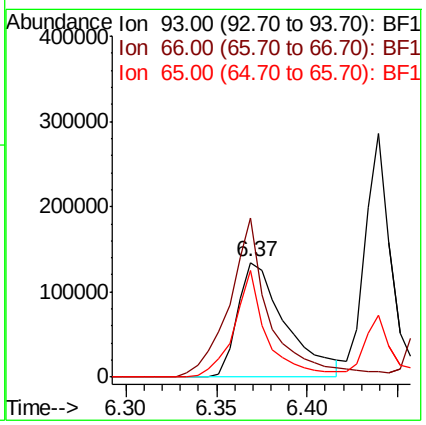


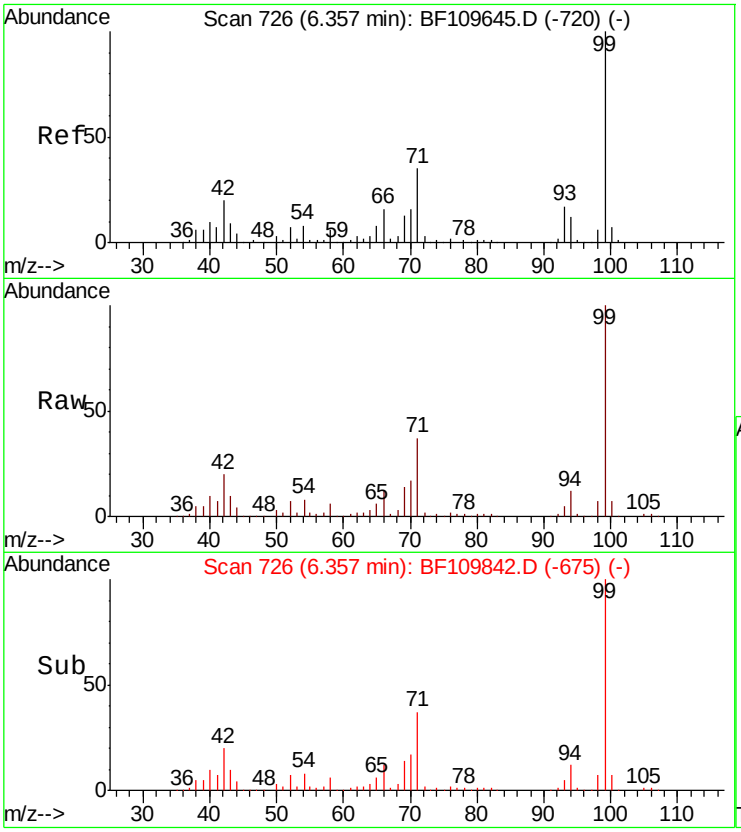


#6
Aniline
Concen: 26.961 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 93 Resp: 246907

Ion	Ratio	Lower	Upper
93	100		
66	137.9	67.4	101.0#
65	92.9	41.0	61.4#



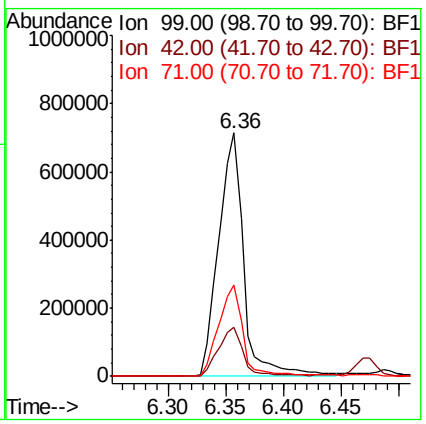


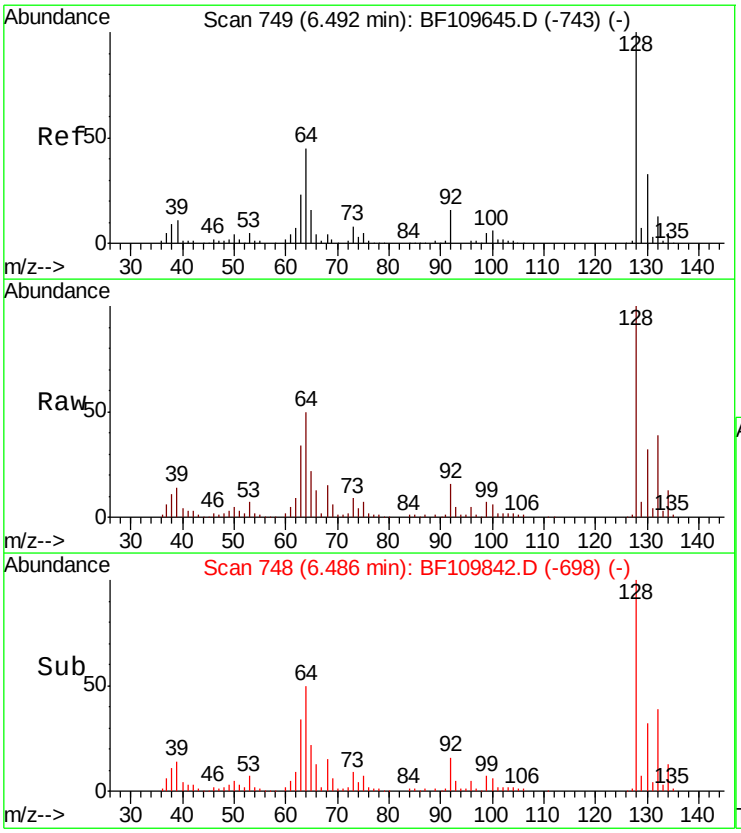
#7
Phenol-d6
Concen: 136.522 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 99 Resp: 1073270

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.8	23.6
71	37.5	28.0	42.0

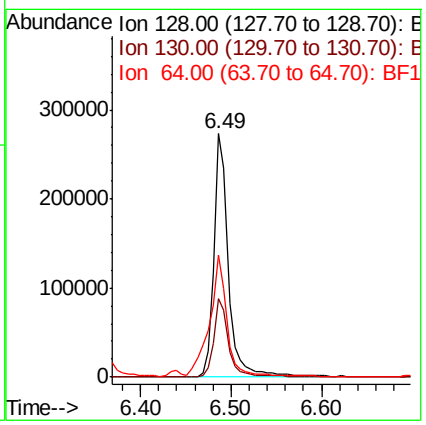


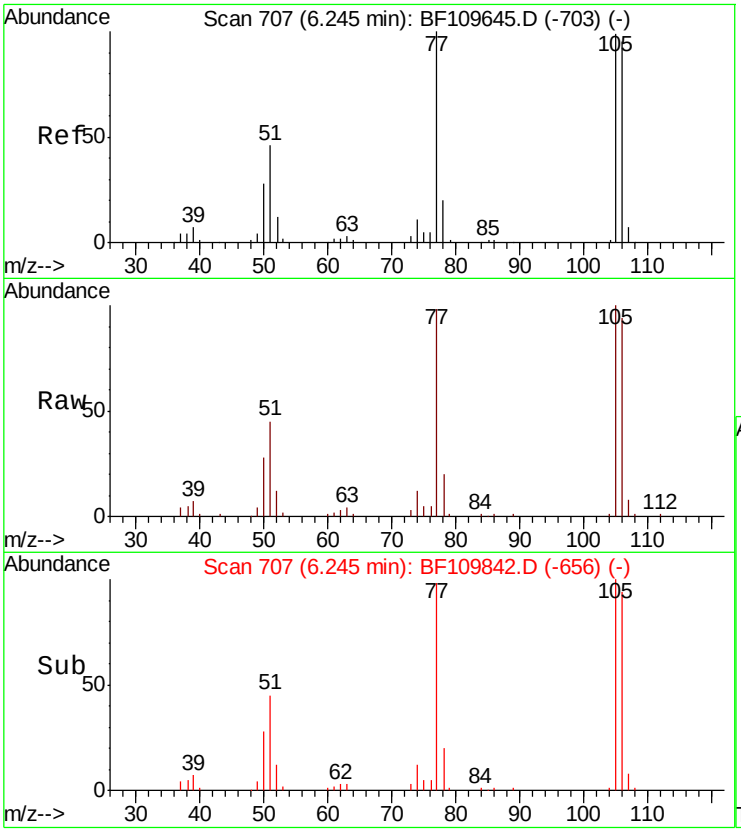


#8
2-Chlorophenol
Concen: 42.038 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:128 Resp: 304255

Ion	Ratio	Lower	Upper
128	100		
130	32.1	13.1	53.1
64	49.9	26.0	66.0



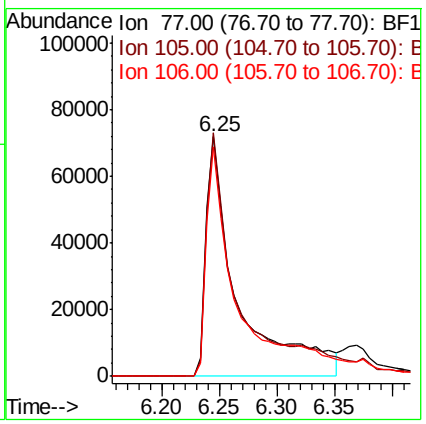


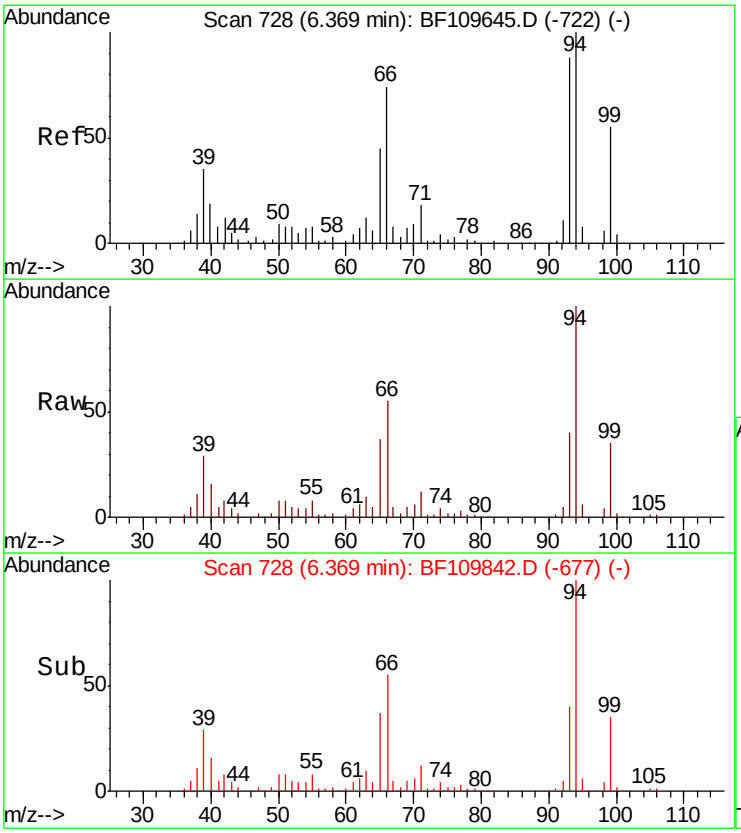
#9
Benzaldehyde
Concen: 27.503 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 77 Resp: 139135

Ion	Ratio	Lower	Upper
77	100		
105	101.6	78.6	118.6
106	95.6	74.8	114.8

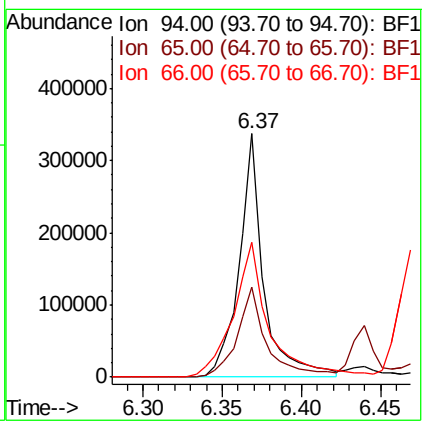


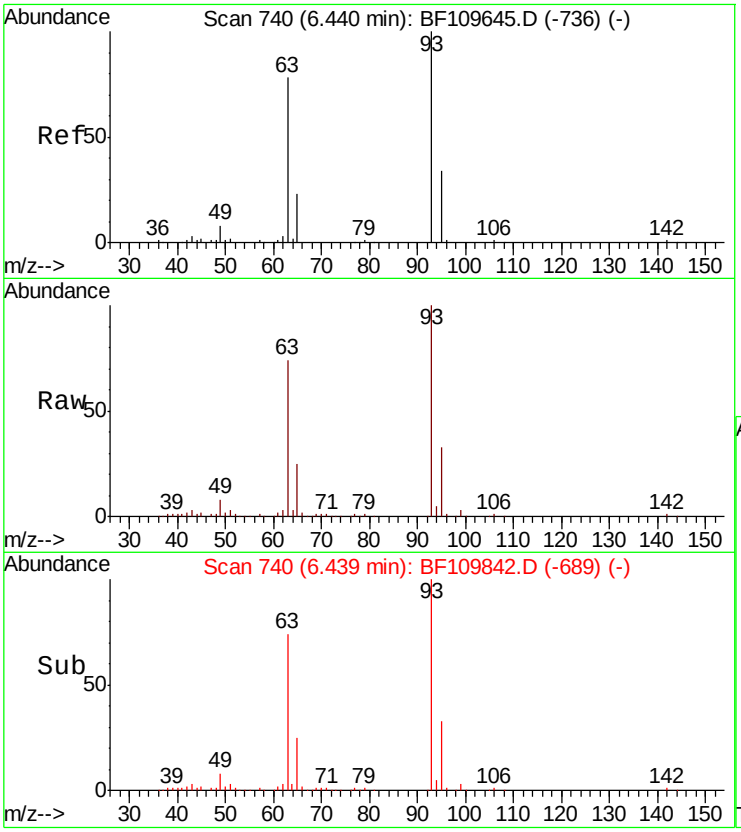


#10
Phenol
Concen: 39.805 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 94 Resp: 358827

Ion	Ratio	Lower	Upper
94	100		
65	37.2	25.3	65.3
66	55.2	54.5	94.5



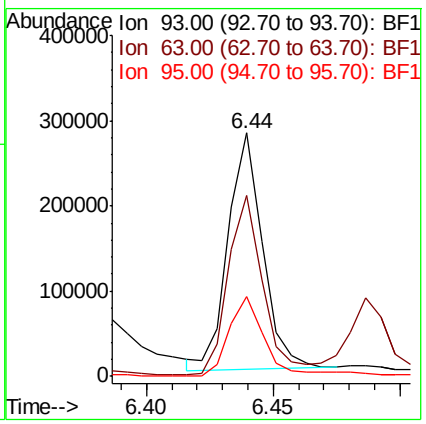


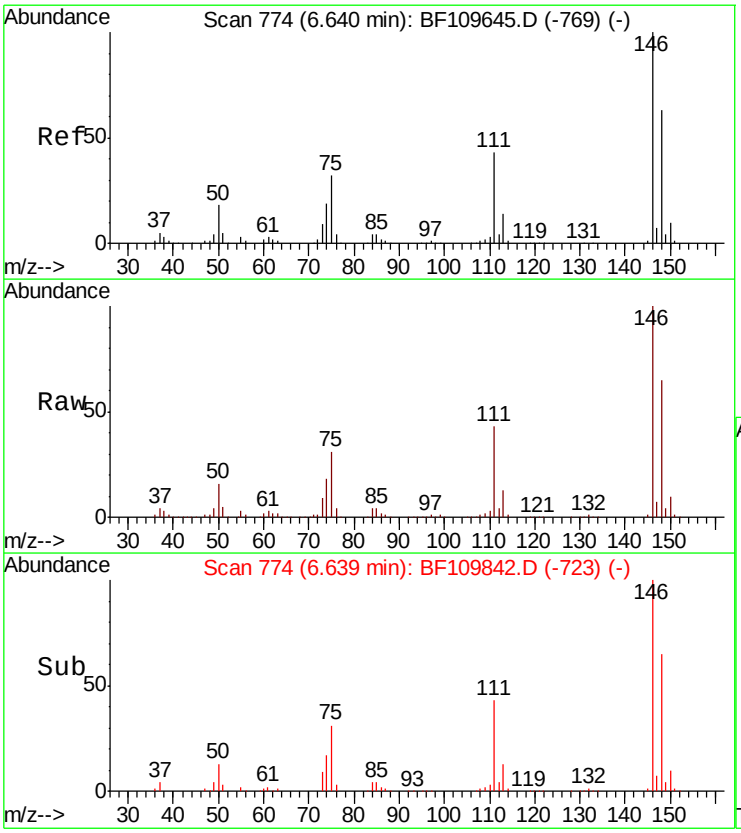
#11
bis(2-Chloroethyl)ether
Concen: 35.236 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 93 Resp: 263338

Ion	Ratio	Lower	Upper
93	100		
63	74.2	53.4	93.4
95	32.5	12.1	52.1

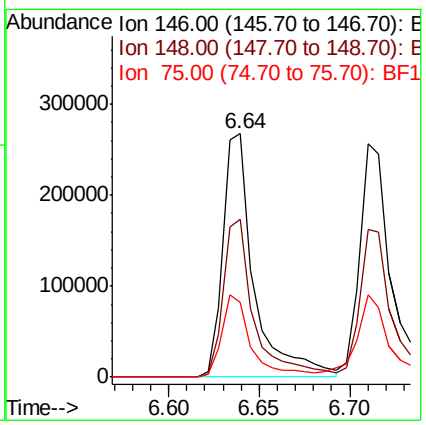


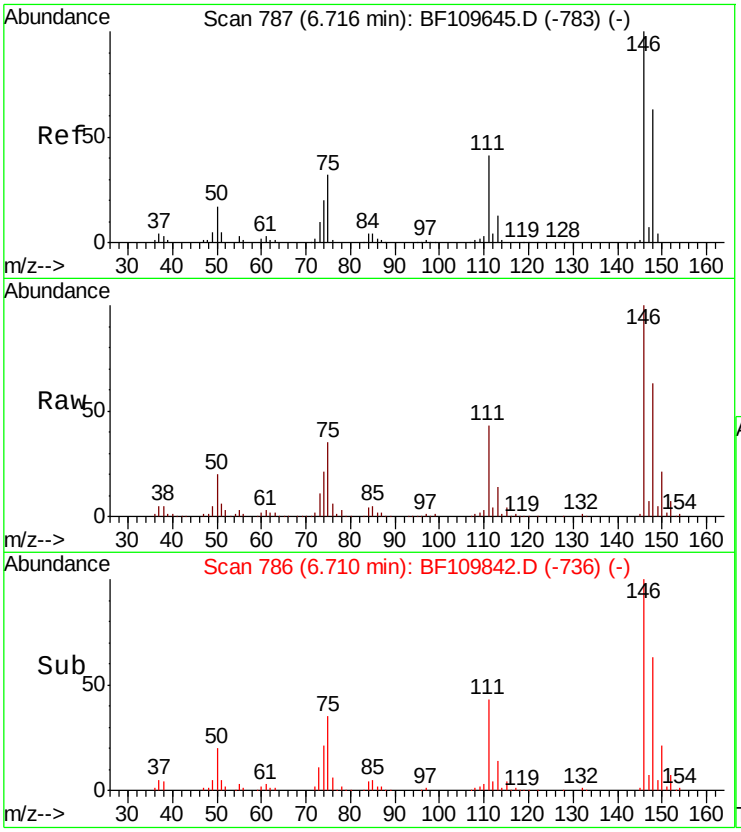


#12
1,3-Dichlorobenzene
Concen: 38.907 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:146 Resp: 322071

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
75	30.8	25.8	38.6



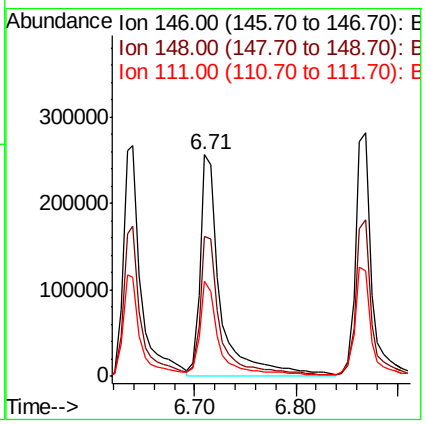


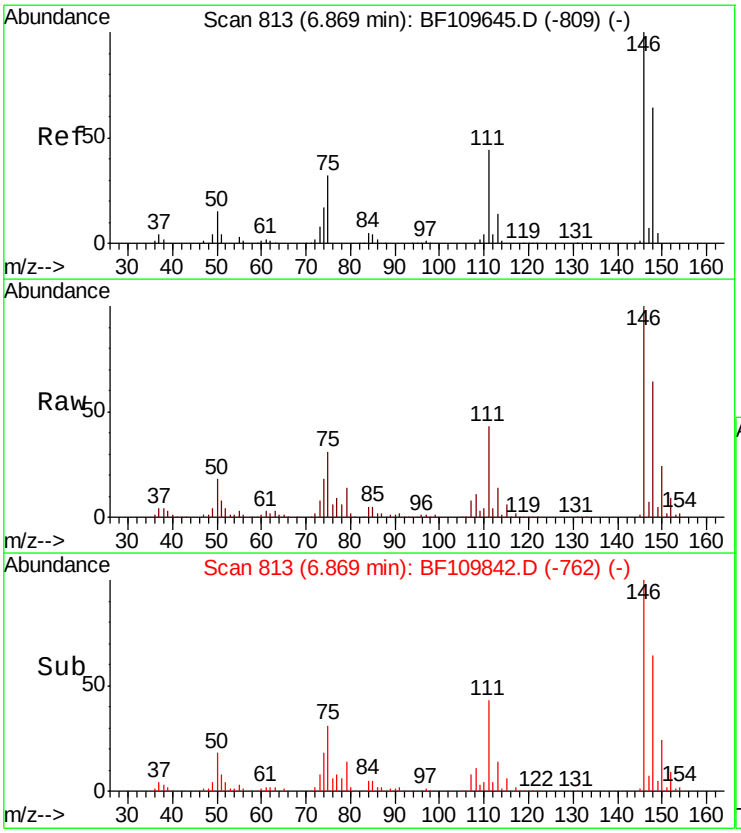
#13
1,4-Dichlorobenzene
Concen: 39.355 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:146 Resp: 355120

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	42.9	32.7	49.1

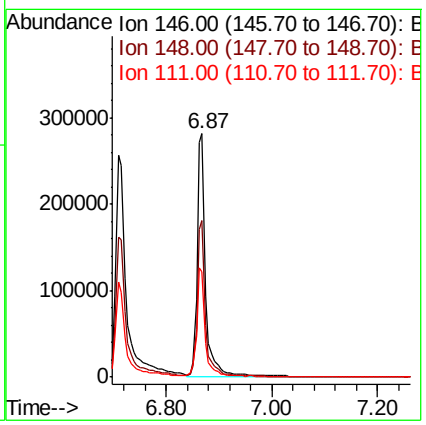


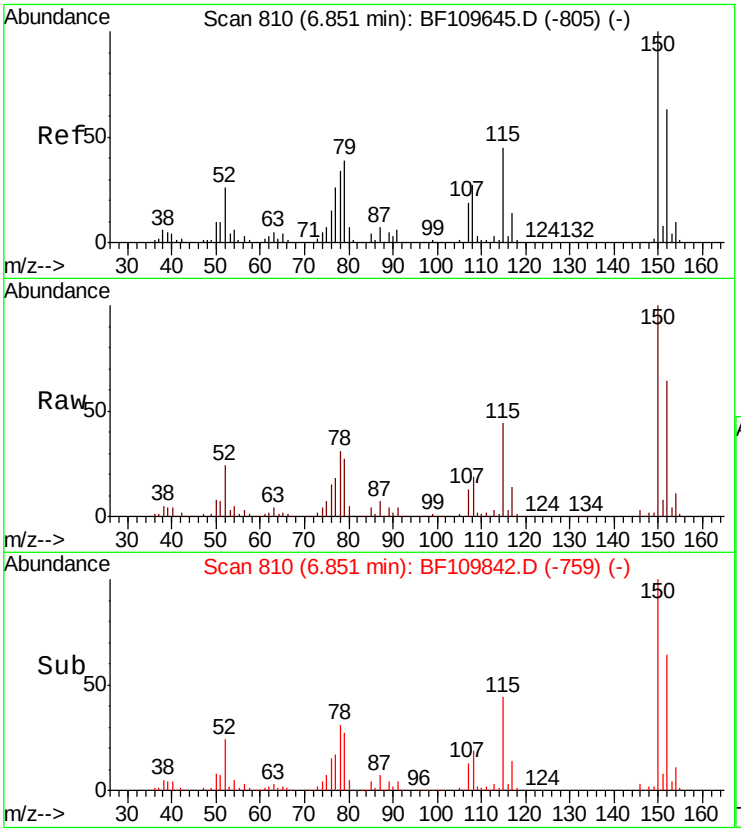


#14
1,2-Dichlorobenzene
Concen: 41.003 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:146 Resp: 324934

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	43.4	35.8	53.6



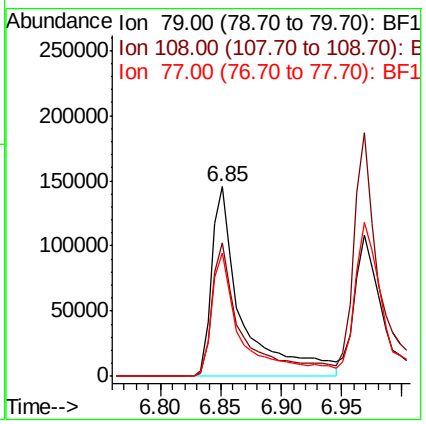


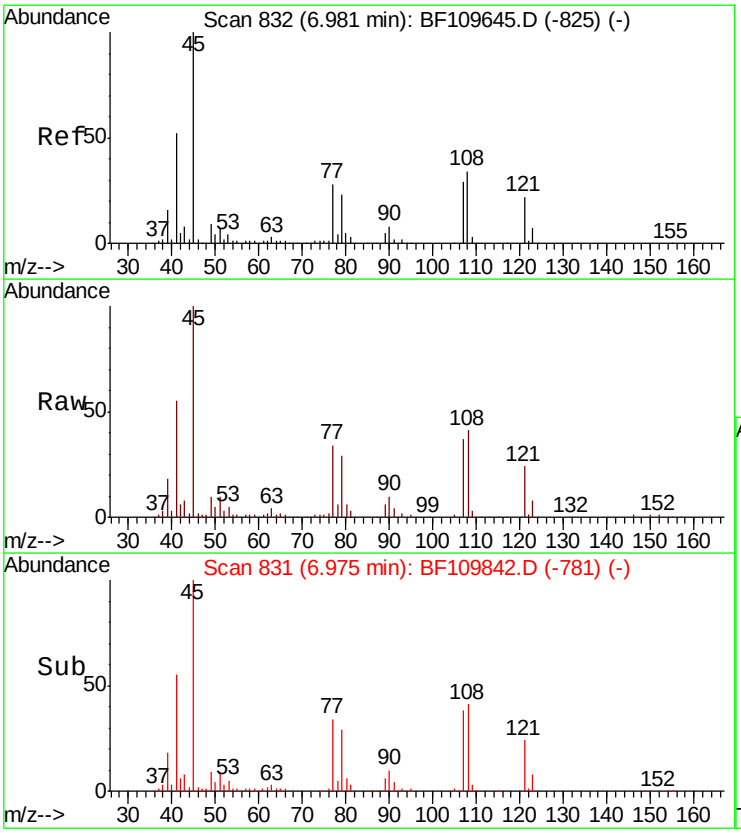
#15
Benzyl Alcohol
Concen: 43.224 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 79 Resp: 251915

Ion	Ratio	Lower	Upper
79	100		
108	70.4	56.3	84.5
77	65.2	52.9	79.3

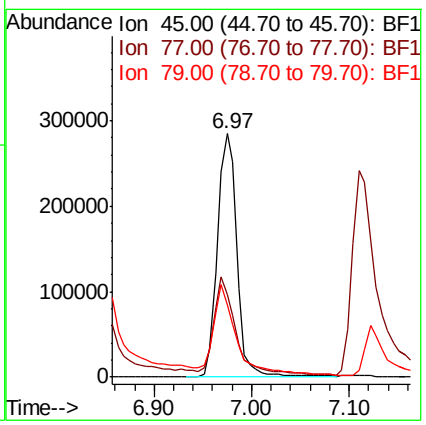


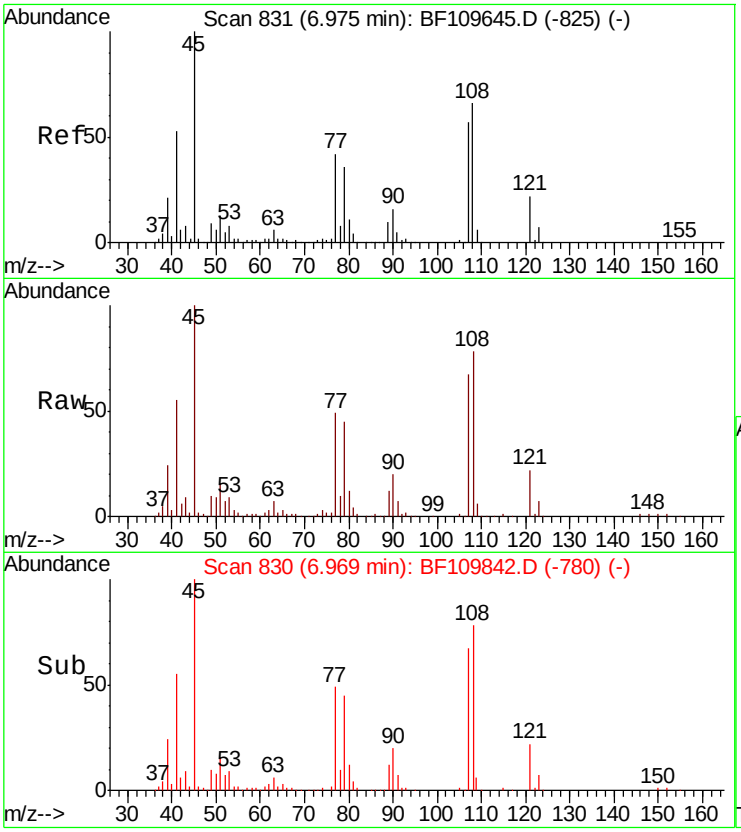


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.693 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 45 Resp: 393347

Ion	Ratio	Lower	Upper
45	100		
77	33.7	10.0	50.0
79	29.4	6.1	46.1



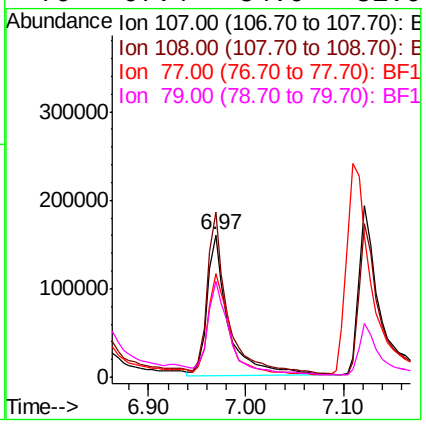


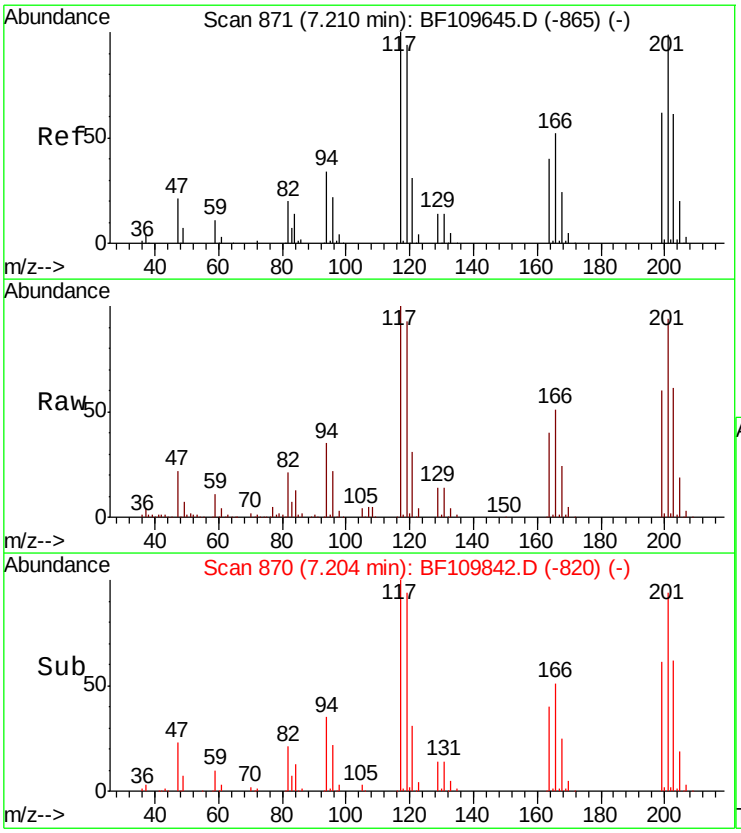
#17
2-Methylphenol
Concen: 42.398 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:107 Resp: 242661

Ion	Ratio	Lower	Upper
107	100		
108	115.7	92.6	138.8
77	73.0	59.4	89.2
79	67.4	54.0	81.0

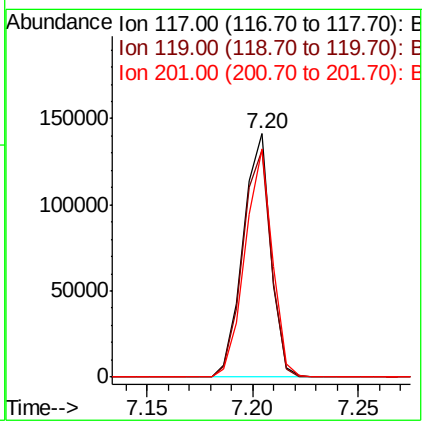


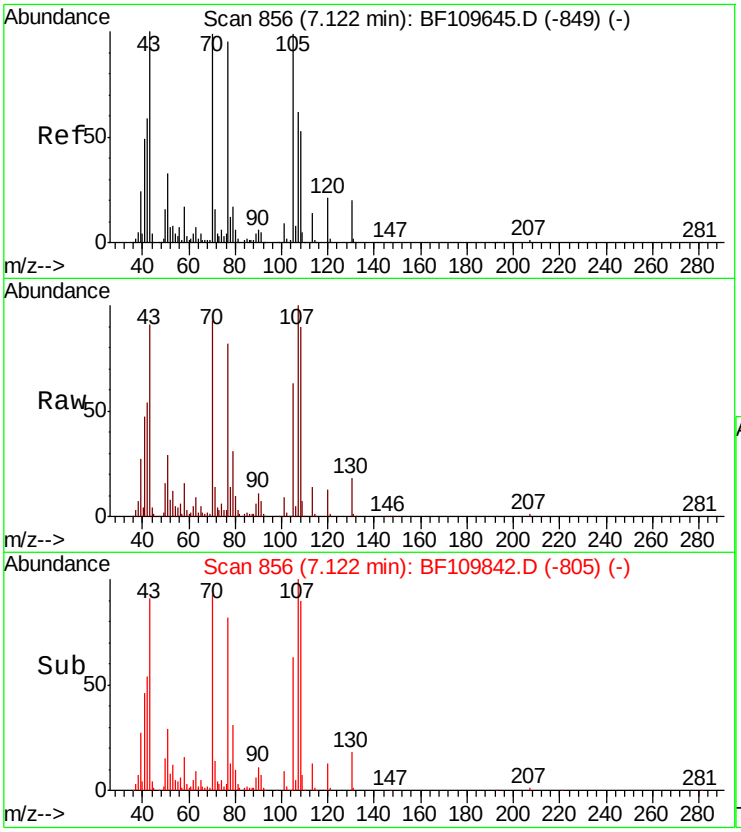


#18
Hexachloroethane
Concen: 40.285 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:117 Resp: 128489

Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.0	112.6
201	93.5	79.2	118.8



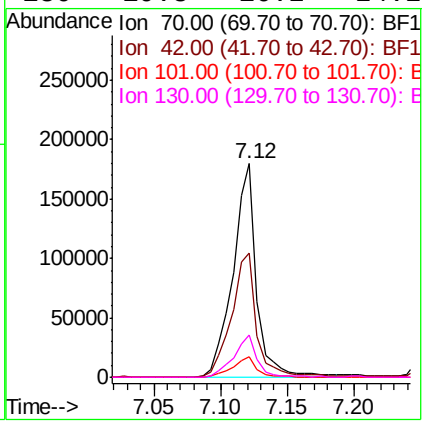


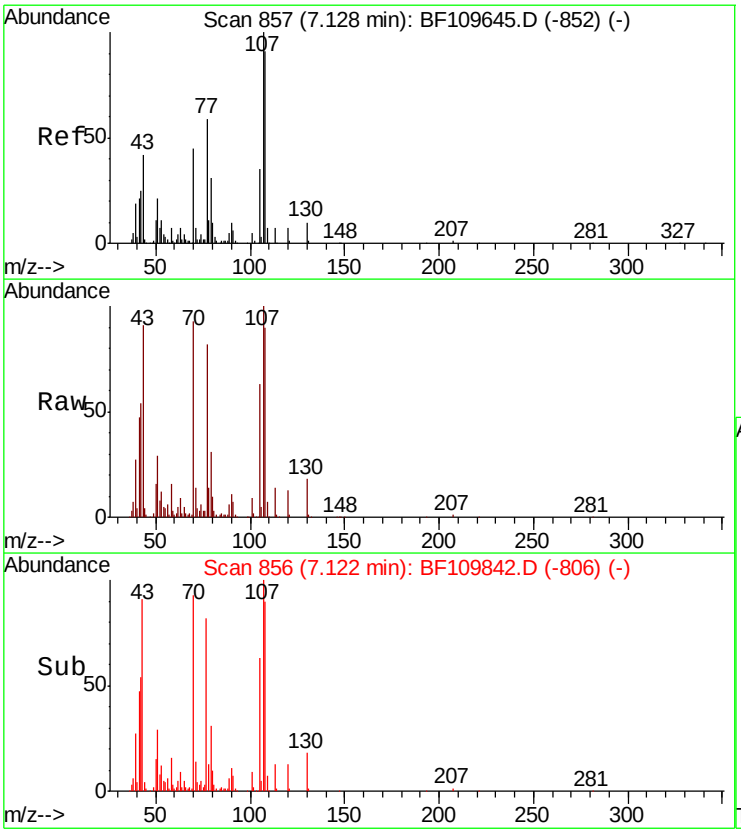
#19
n-Nitroso-di-n-propylamine
Concen: 40.594 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 70 Resp: 223797

Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.4	71.2
101	9.5	7.3	10.9
130	19.8	16.2	24.2

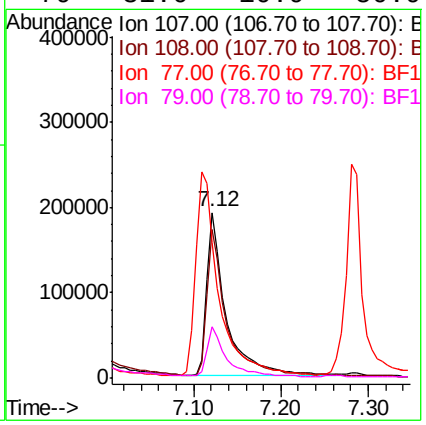


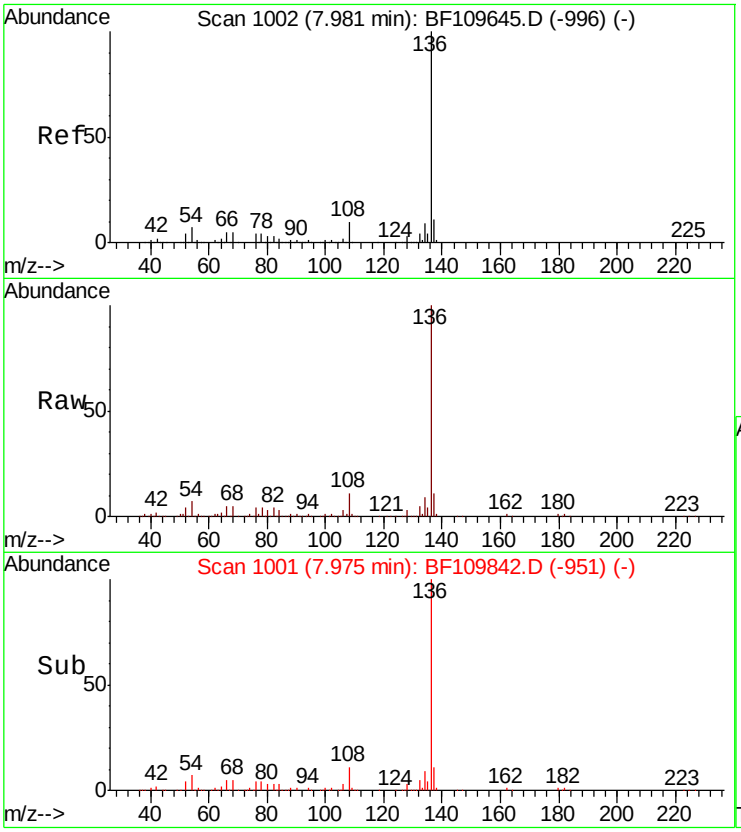


#20
3+4-Methylphenols
Concen: 41.555 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:107 Resp: 293069

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	81.7	47.3	87.3
79	31.0	10.9	50.9



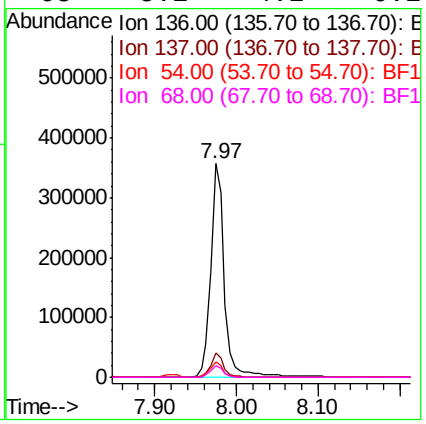


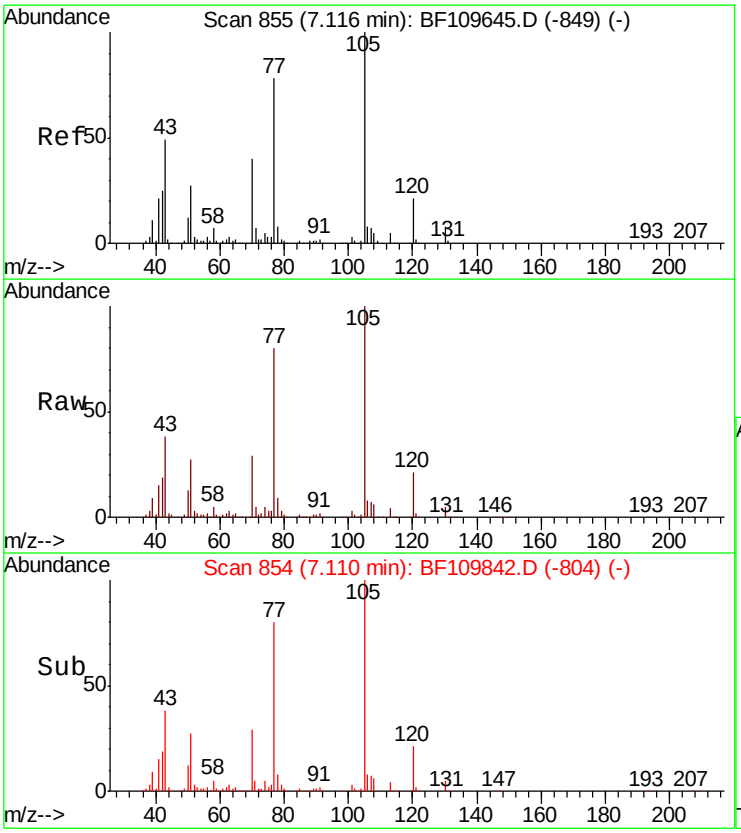
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:136 Resp: 412768

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.4	5.4	8.2
68	5.2	4.2	6.2

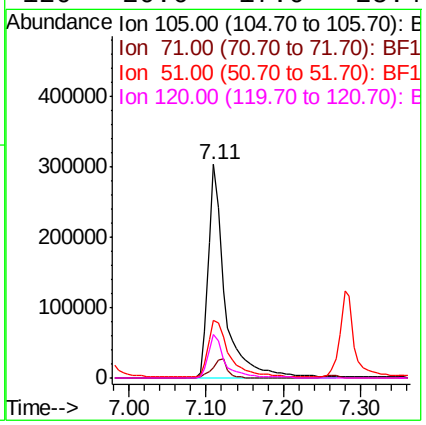


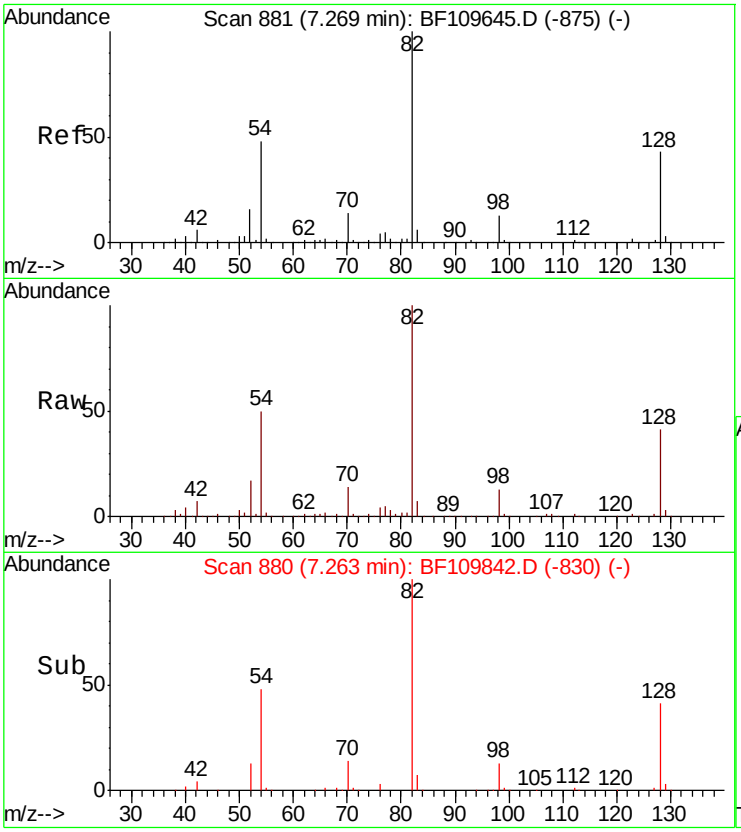


#22
Acetophenone
Concen: 45.440 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:105 Resp: 453563

Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.2	7.8#
51	27.2	21.8	32.8
120	20.6	17.0	25.4



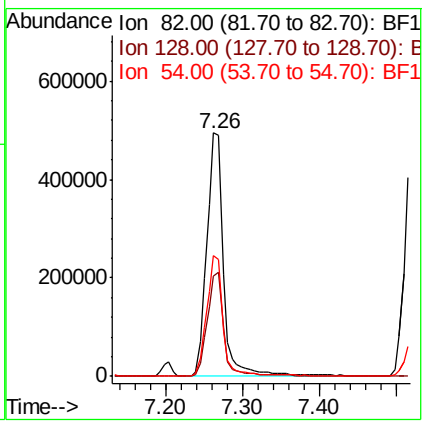


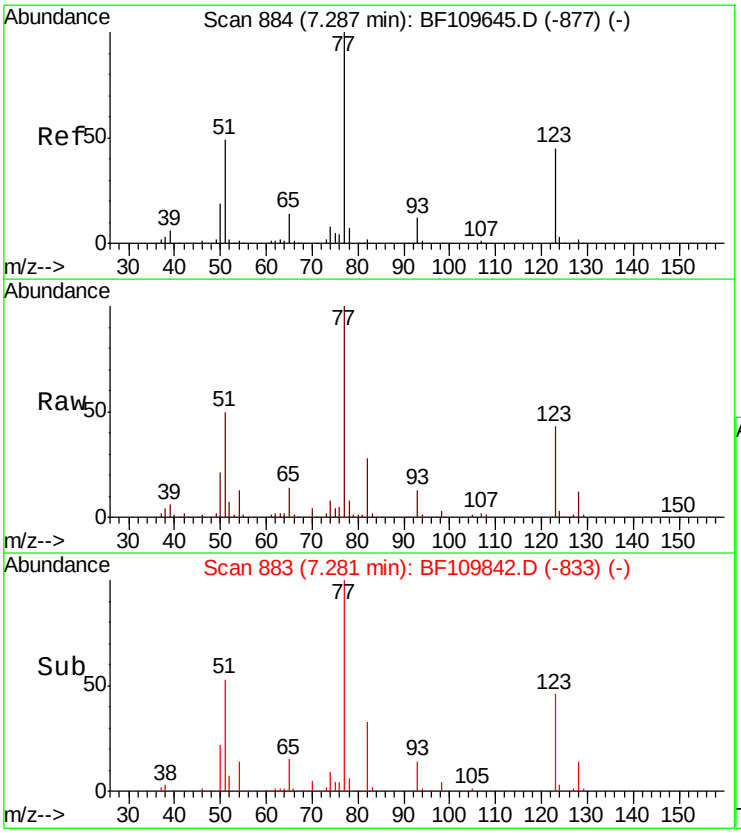
#23
Nitrobenzene-d5
Concen: 98.661 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 82 Resp: 738781

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.2	51.2
54	49.5	38.6	58.0

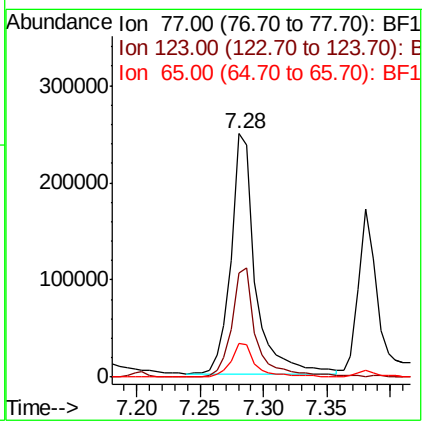


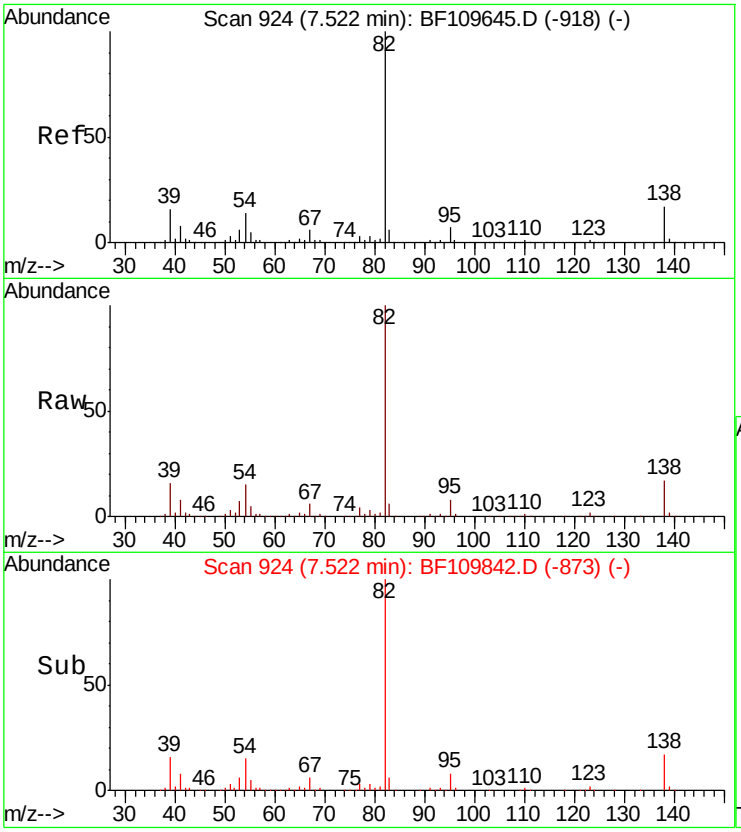


#24
Nitrobenzene
Concen: 42.603 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 77 Resp: 331949

Ion	Ratio	Lower	Upper
77	100		
123	42.6	35.7	53.5
65	13.9	10.7	16.1



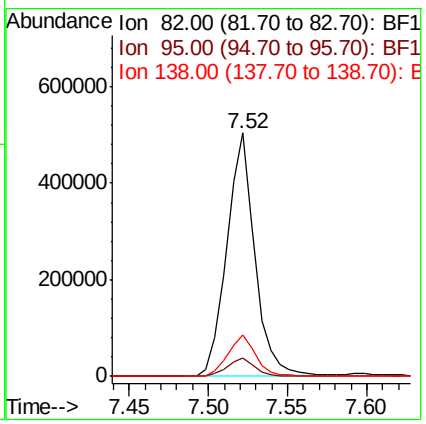


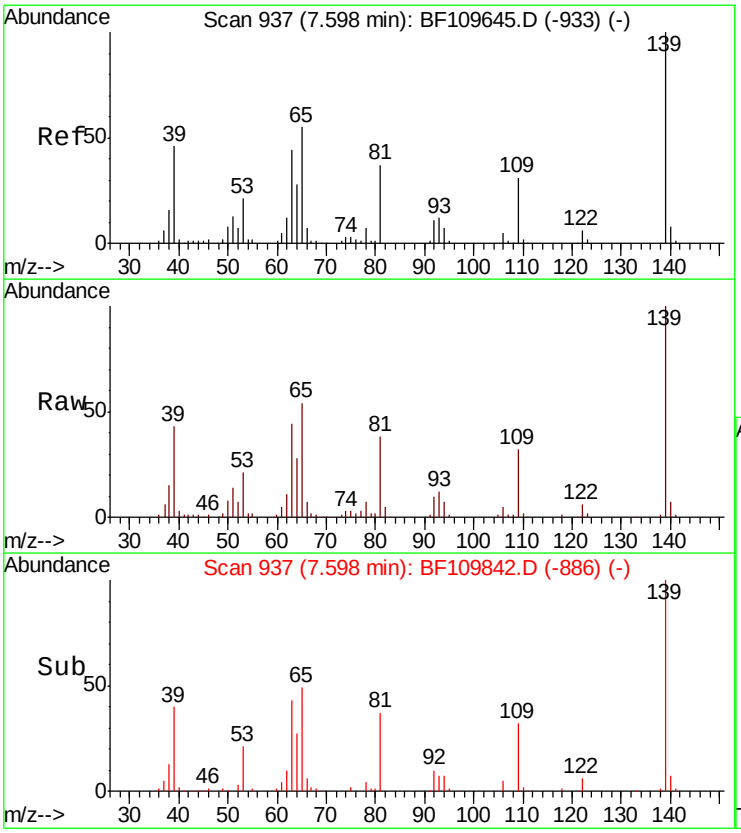
#25
Isophorone
Concen: 49.434 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 82 Resp: 614676

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.7	8.5
138	17.0	13.2	19.8

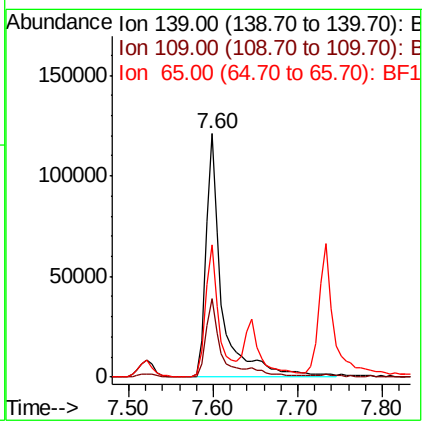


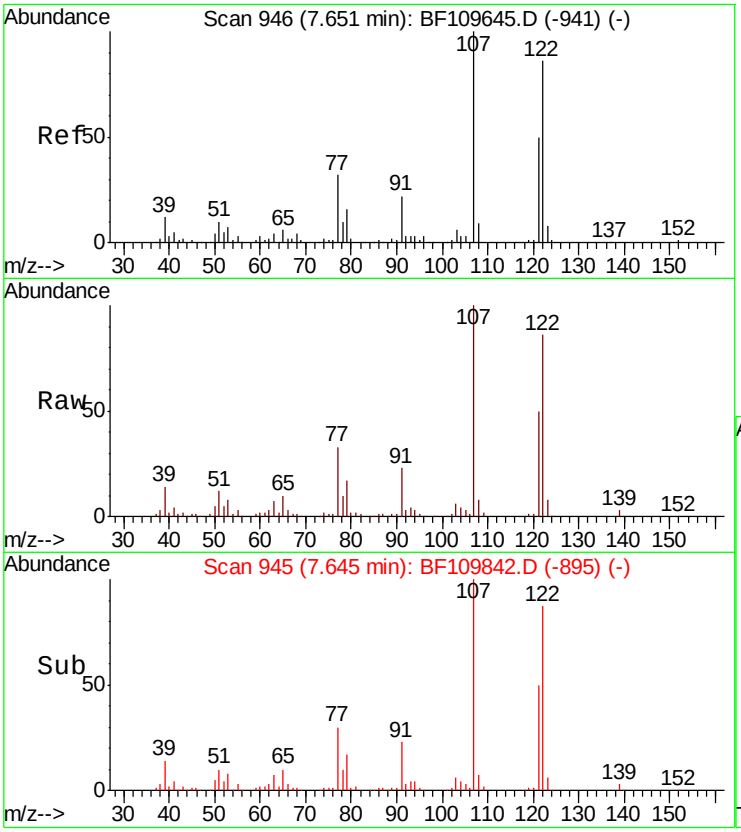


#26
2-Nitrophenol
Concen: 43.797 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:139 Resp: 159620

Ion	Ratio	Lower	Upper
139	100		
109	32.1	25.0	37.6
65	54.3	44.0	66.0



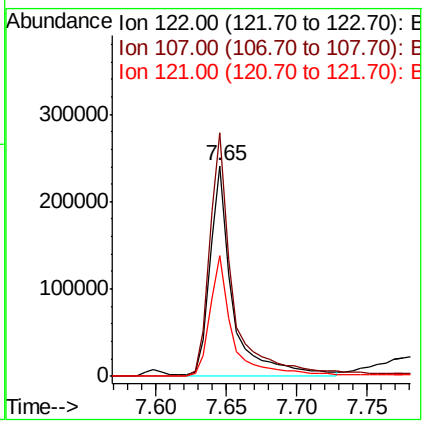


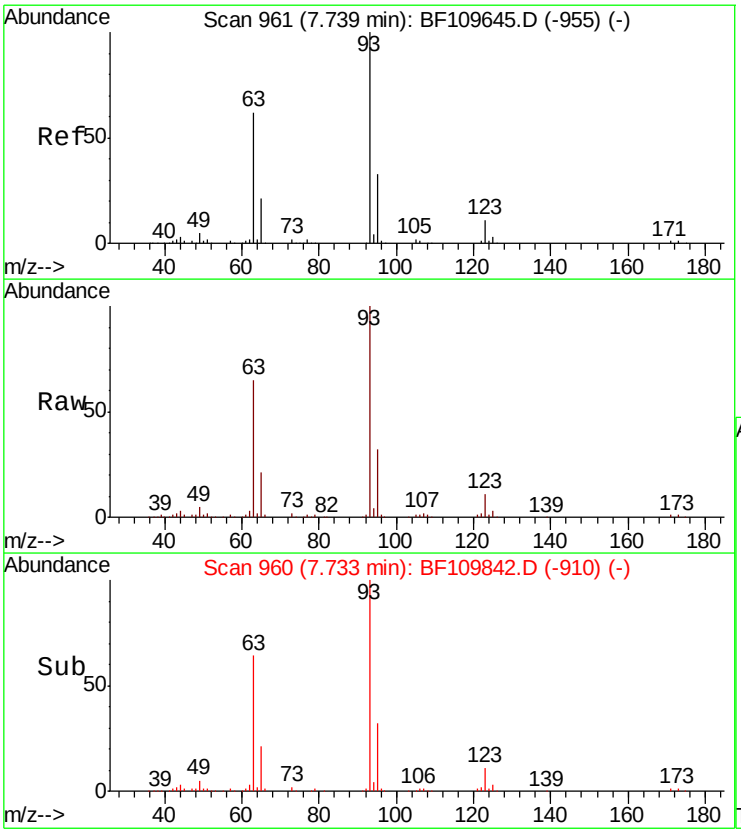
#27
2,4-Dimethylphenol
Concen: 50.605 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:122 Resp: 266334

Ion	Ratio	Lower	Upper
122	100		
107	115.8	92.5	138.7
121	57.4	45.8	68.8

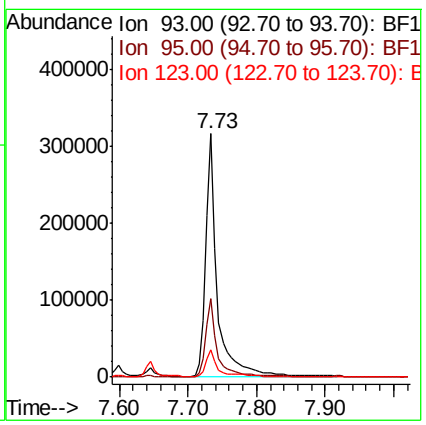


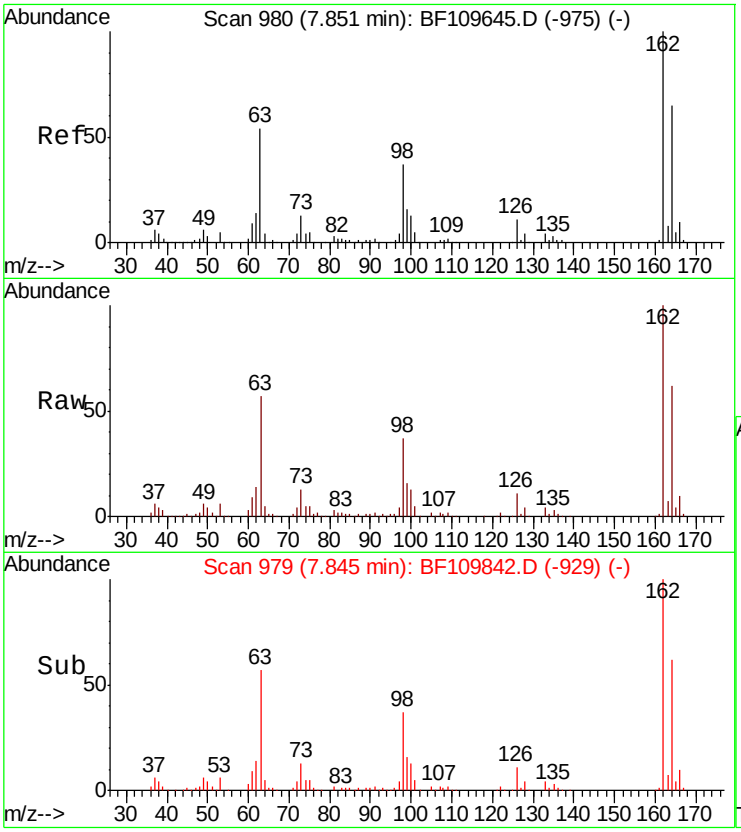


#28
bis(2-Chloroethoxy)methane
Concen: 45.488 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 93 Resp: 382582

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.1	9.0	13.6



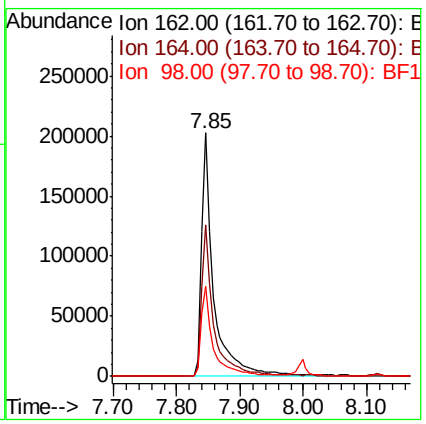


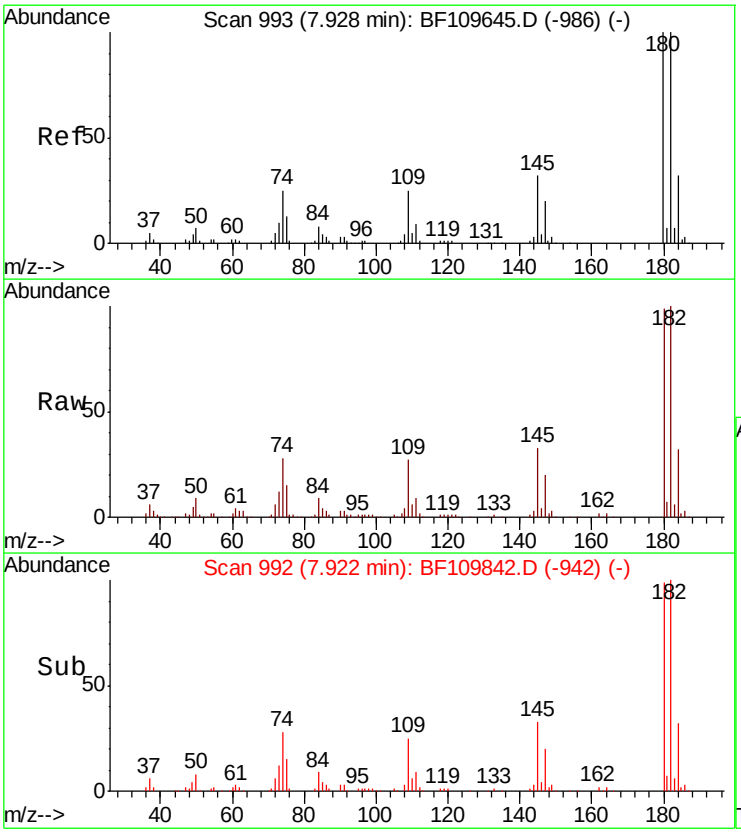
#29
2,4-Dichlorophenol
Concen: 45.710 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:162 Resp: 269839

Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	36.9	17.4	57.4

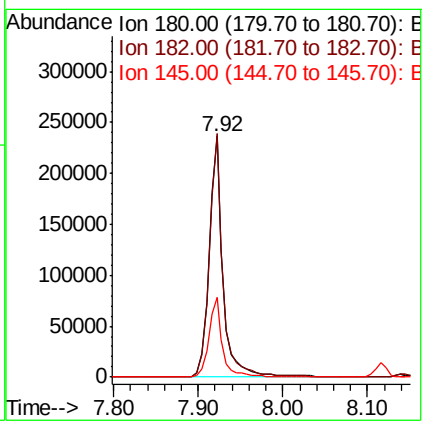


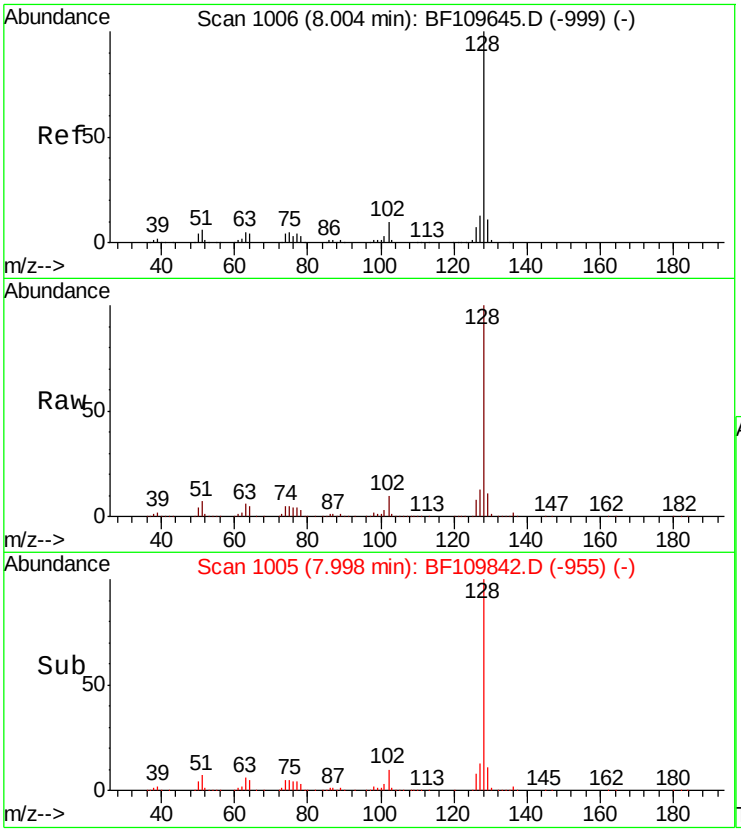


#30
1,2,4-Trichlorobenzene
Concen: 42.311 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:180 Resp: 276505

Ion	Ratio	Lower	Upper
180	100		
182	101.1	80.3	120.5
145	32.9	25.4	38.0



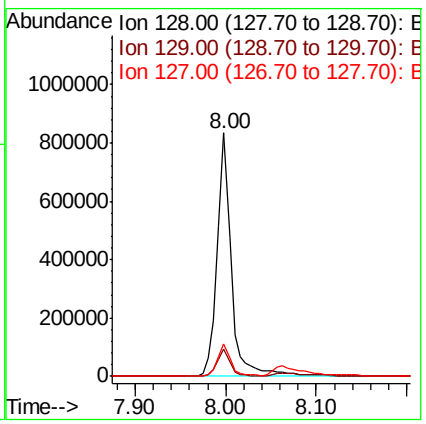


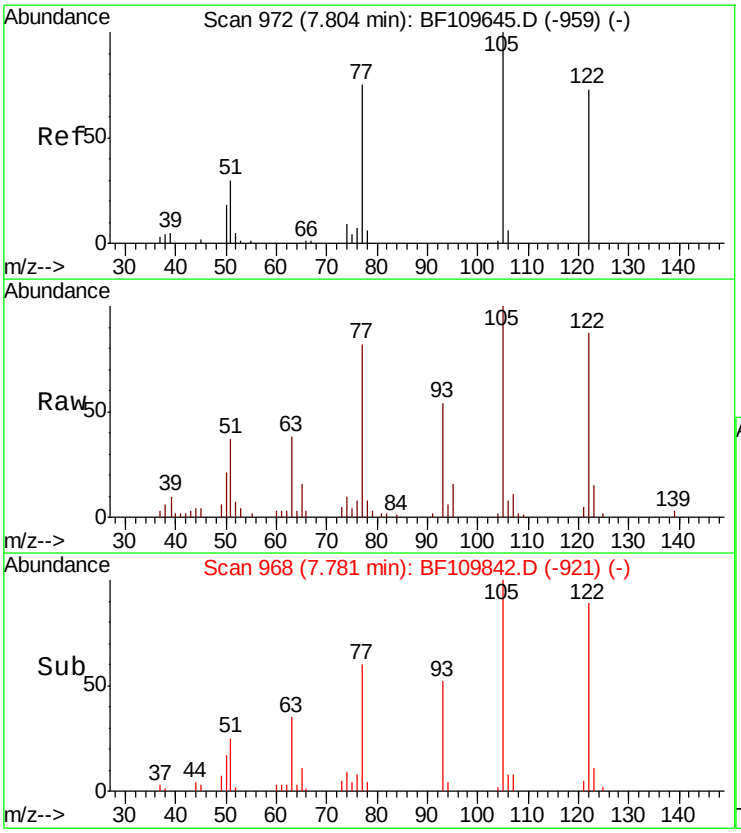
#31
Naphthalene
Concen: 47.197 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:128 Resp: 900955

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.8	16.2

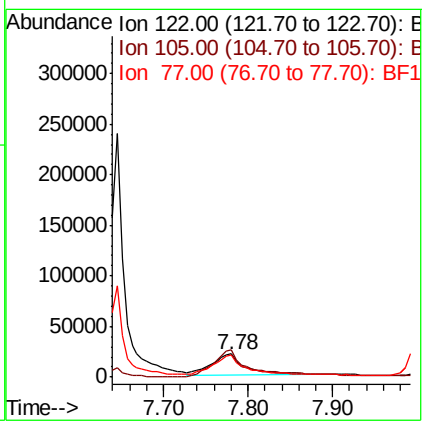


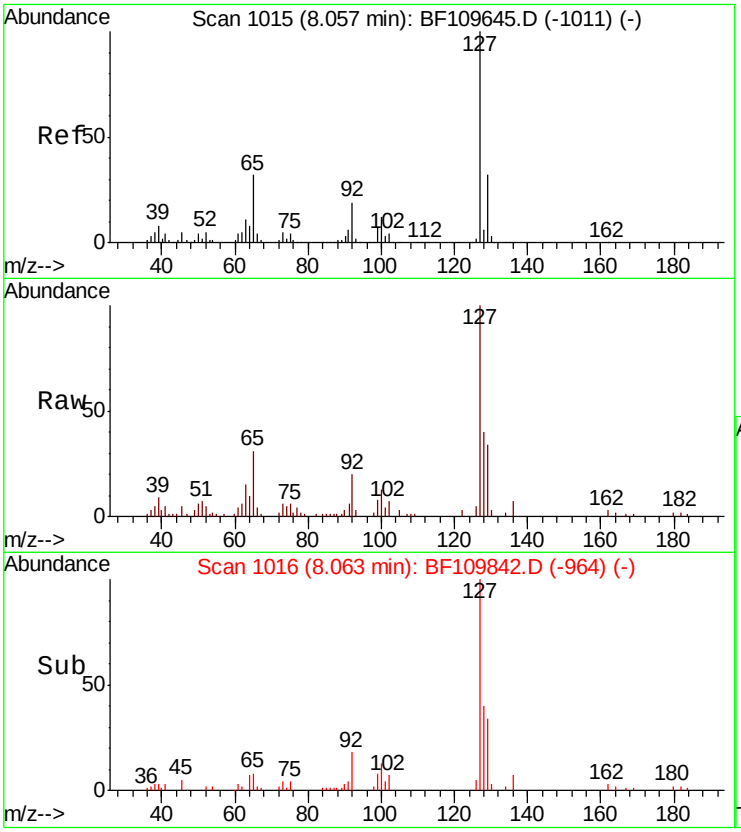


#32
Benzoic acid
Concen: 17.184 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:122 Resp: 64662

Ion	Ratio	Lower	Upper
122	100		
105	115.3	109.0	149.0
77	95.0	79.0	119.0



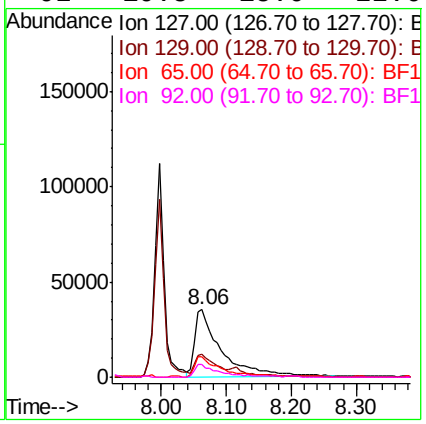


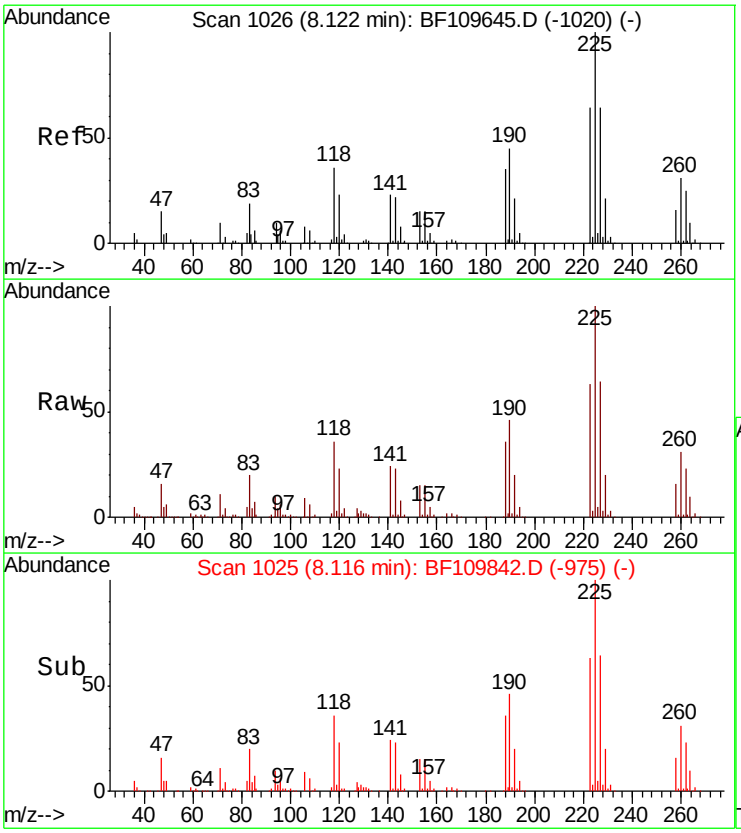
#33
4-Chloroaniline
Concen: 11.744 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:127 Resp: 98724

Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.0	39.0
65	30.9	25.1	37.7
92	19.5	15.0	22.6

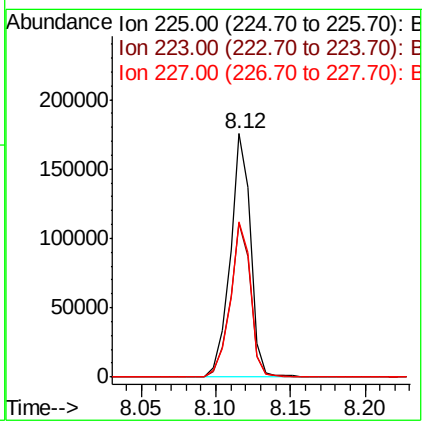


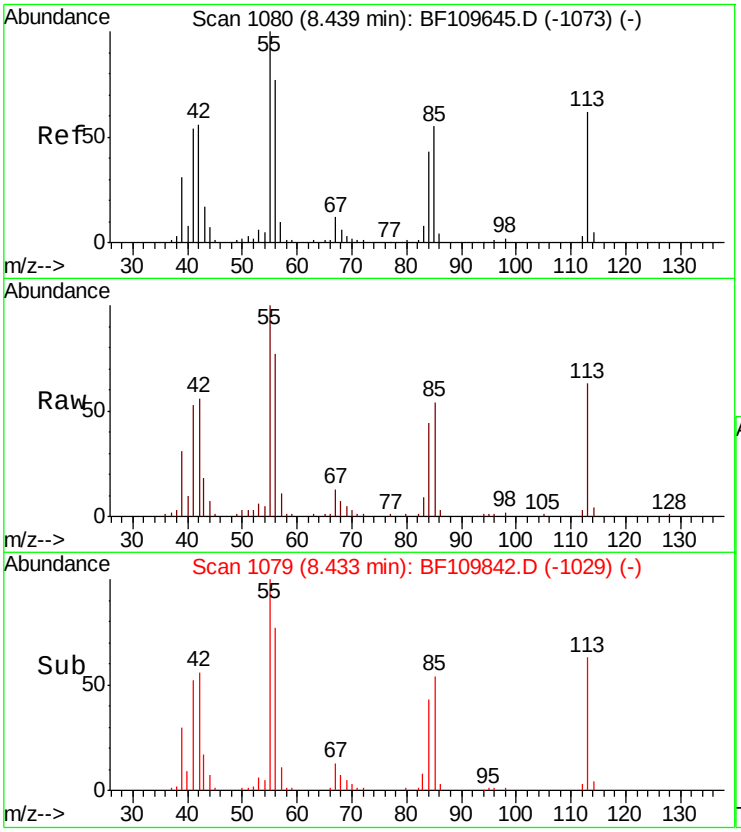


#34
Hexachlorobutadiene
Concen: 41.553 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:225 Resp: 168840

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	63.9	51.0	76.6



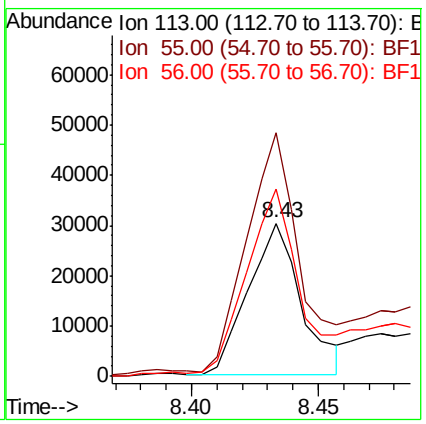


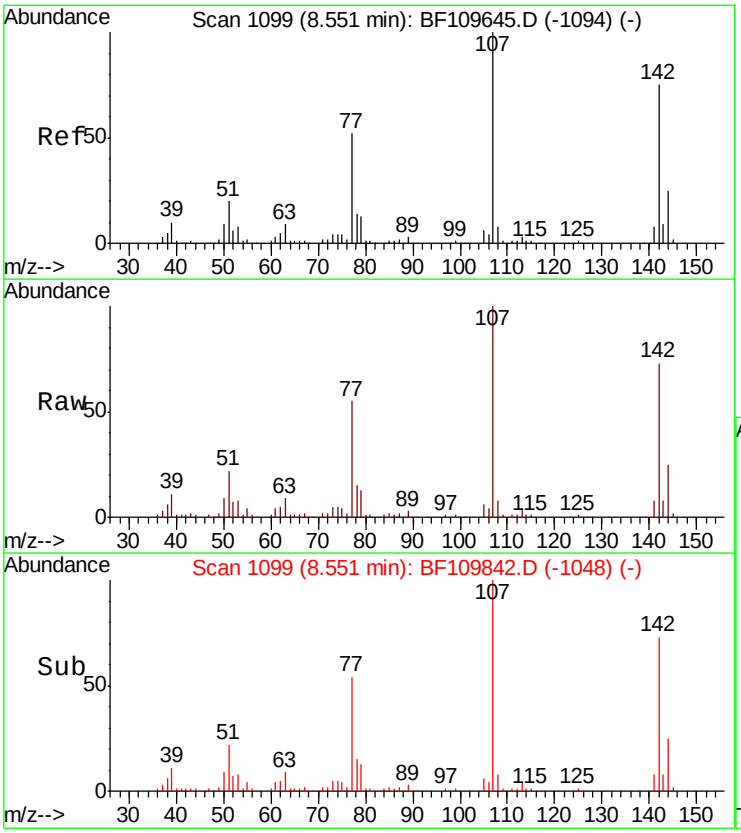
#35
Caprolactam
Concen: 24.905 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:113 Resp: 43907

Ion	Ratio	Lower	Upper
113	100		
55	159.4	142.8	182.8
56	122.2	105.0	145.0

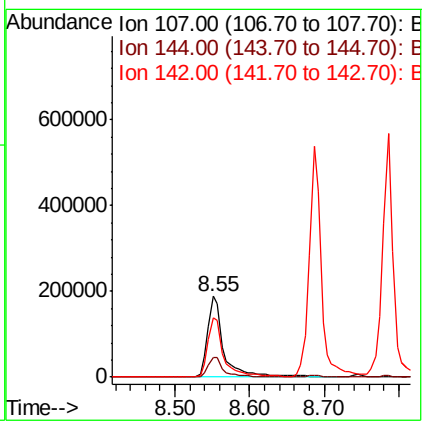


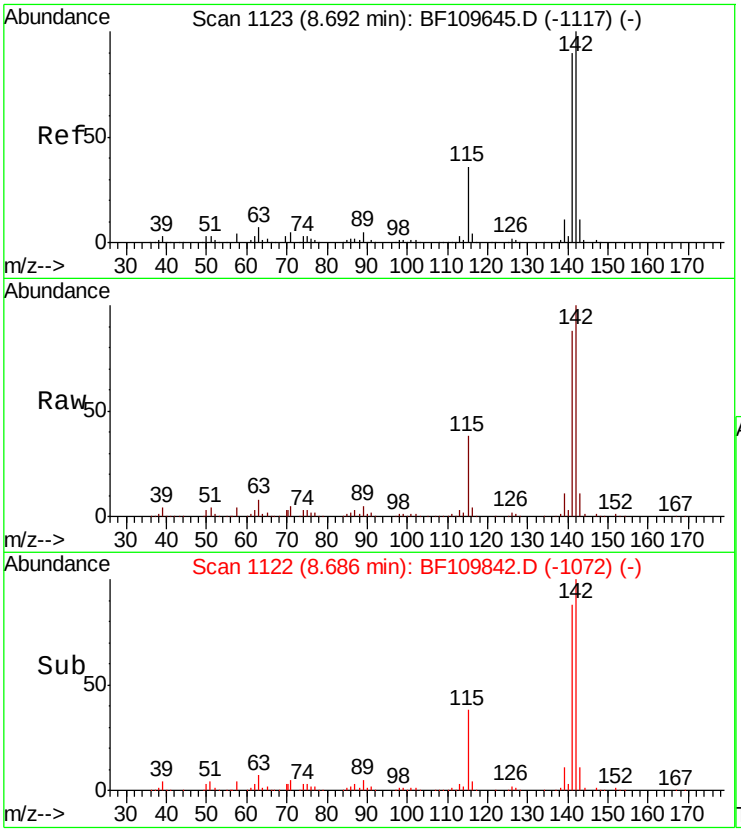


#36
4-Chloro-3-methylphenol
Concen: 45.608 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:107 Resp: 284205

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.0	30.0
142	72.9	59.7	89.5



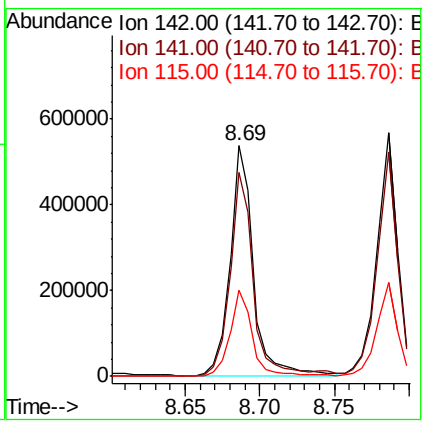


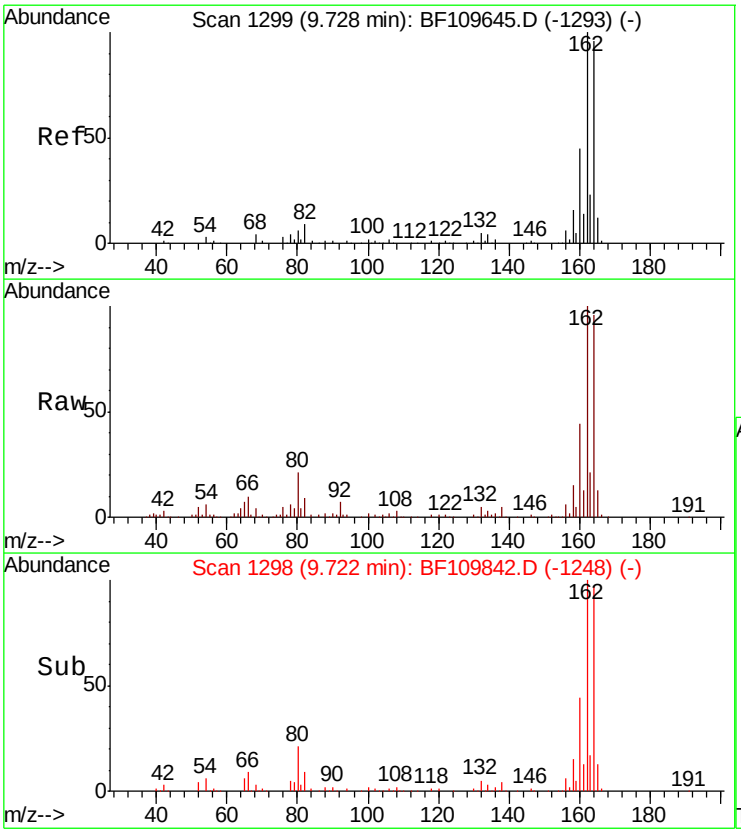
#37
2-Methylnaphthalene
Concen: 47.370 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:142 Resp: 592328

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	37.6	28.7	43.1

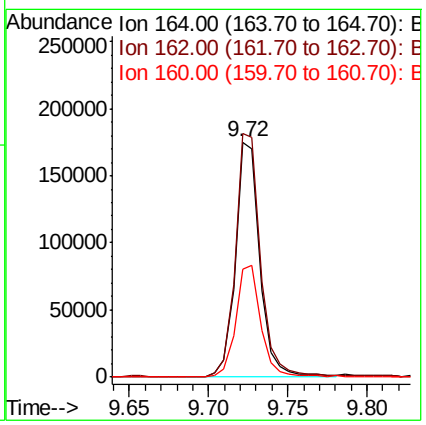


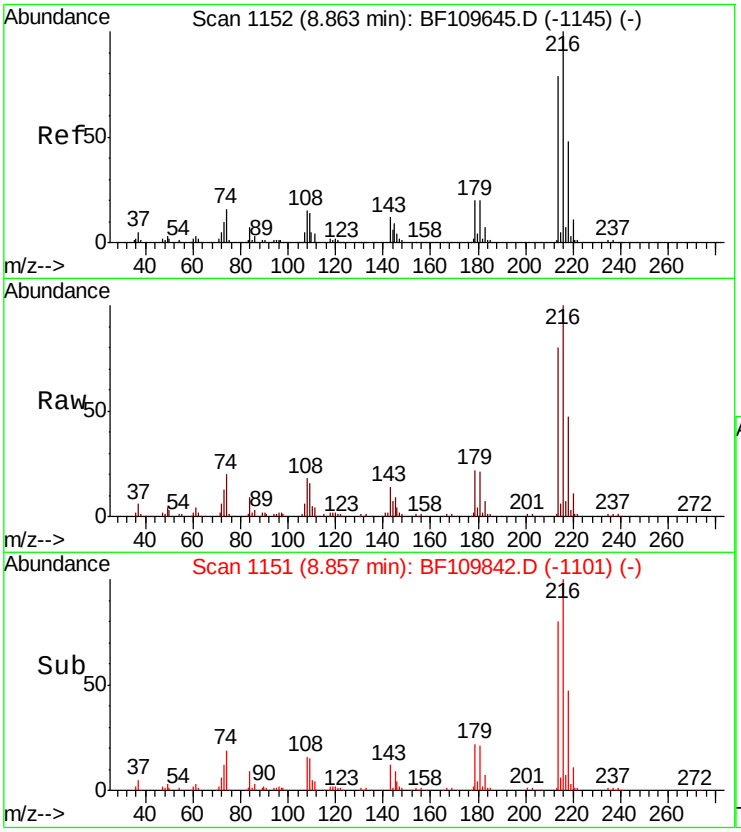


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:164 Resp: 187941

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.0	37.0	55.6



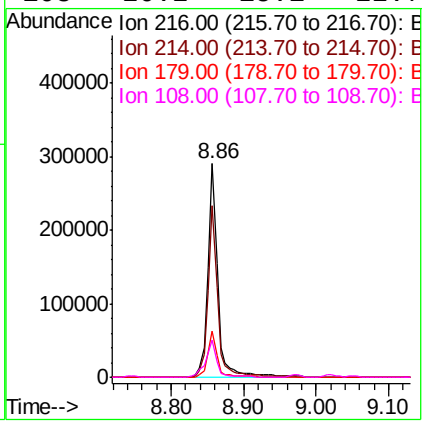


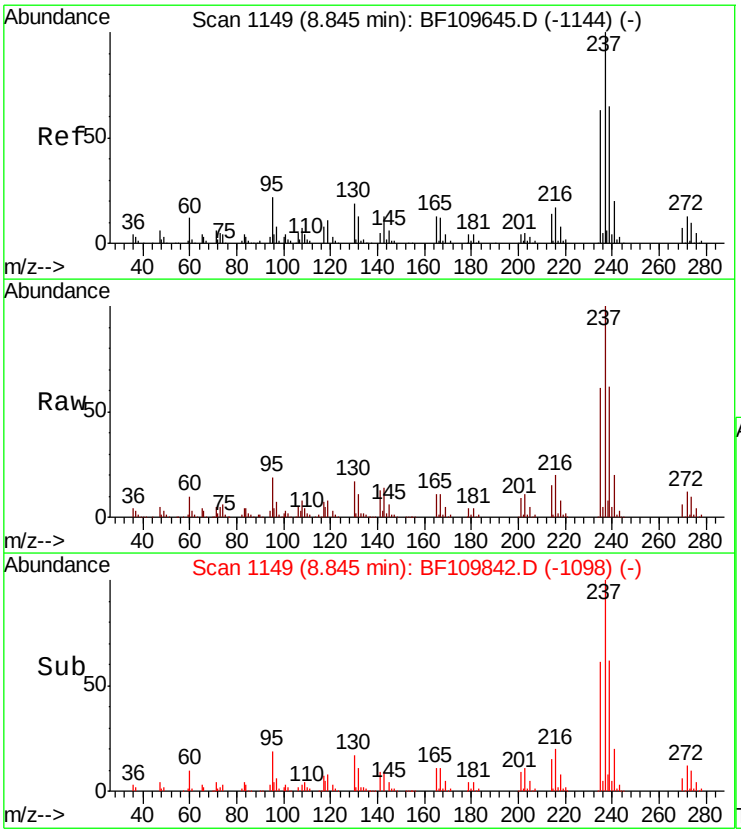
#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.472 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:216 Resp: 278113

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	20.8	16.6	25.0
108	20.2	15.1	22.7

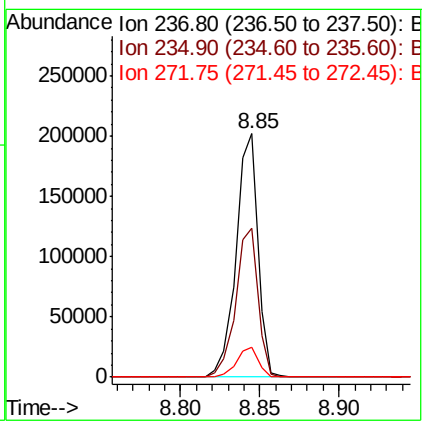


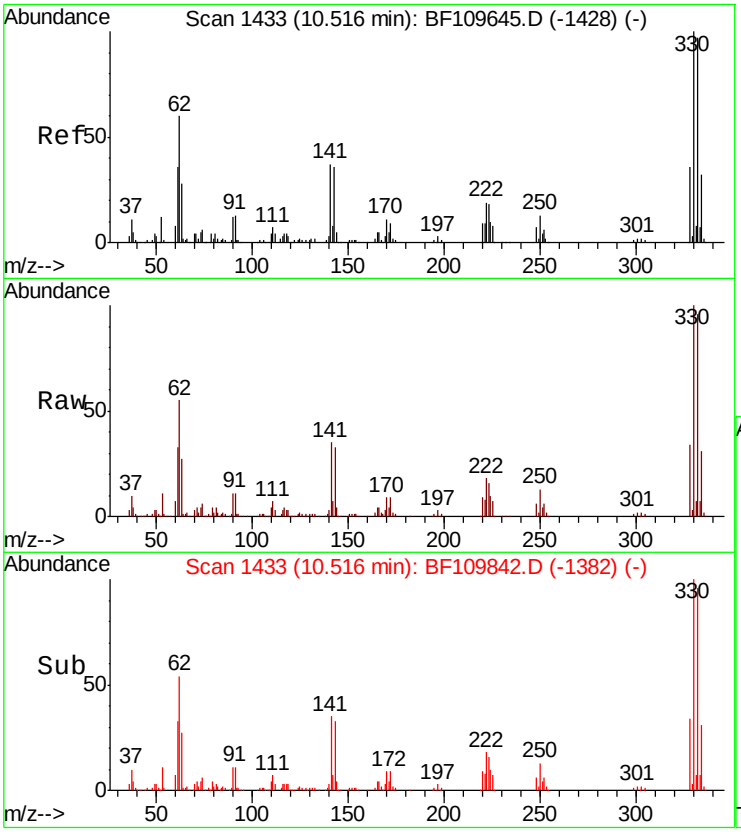


#40
Hexachlorocyclopentadiene
Concen: 70.061 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:237 Resp: 193506

Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.1	83.1
272	12.4	0.0	32.6



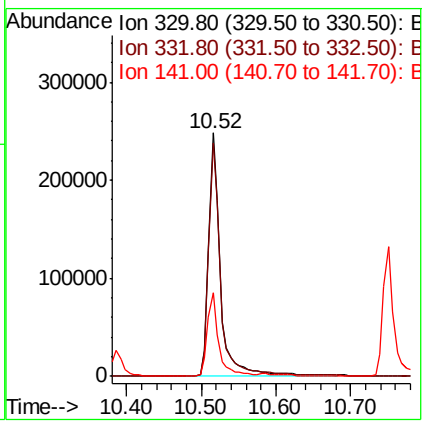


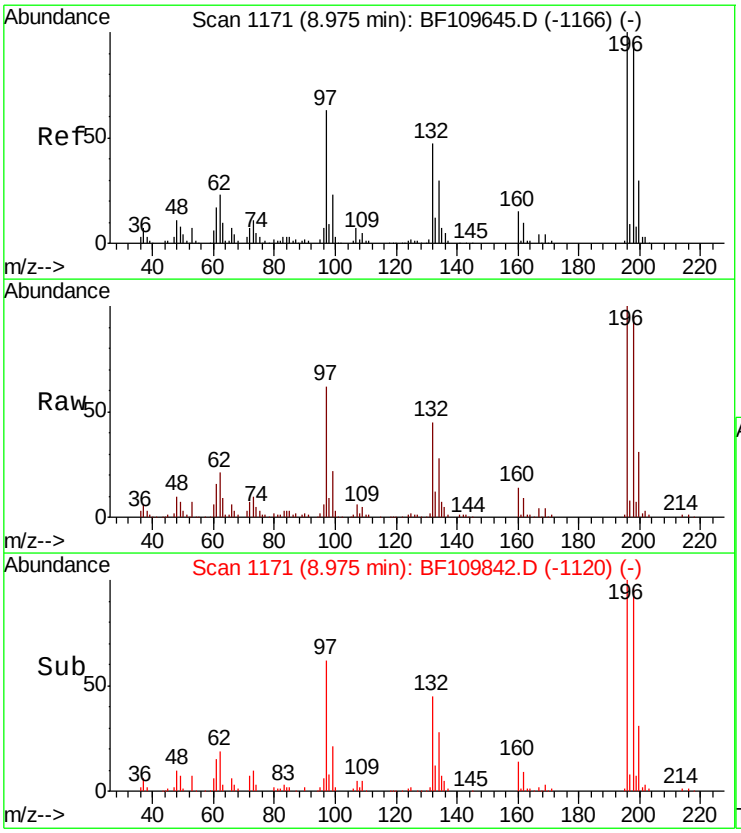
#41
2,4,6-Tribromophenol
Concen: 135.646 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:330 Resp: 277778

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	33.2	27.0	40.4

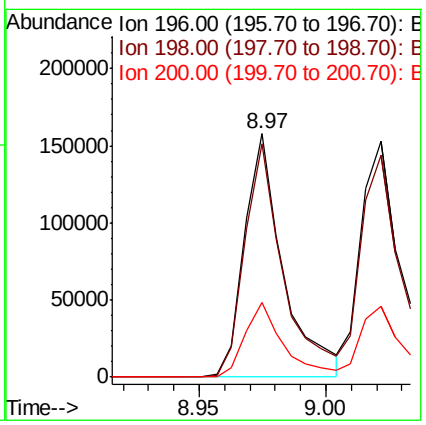


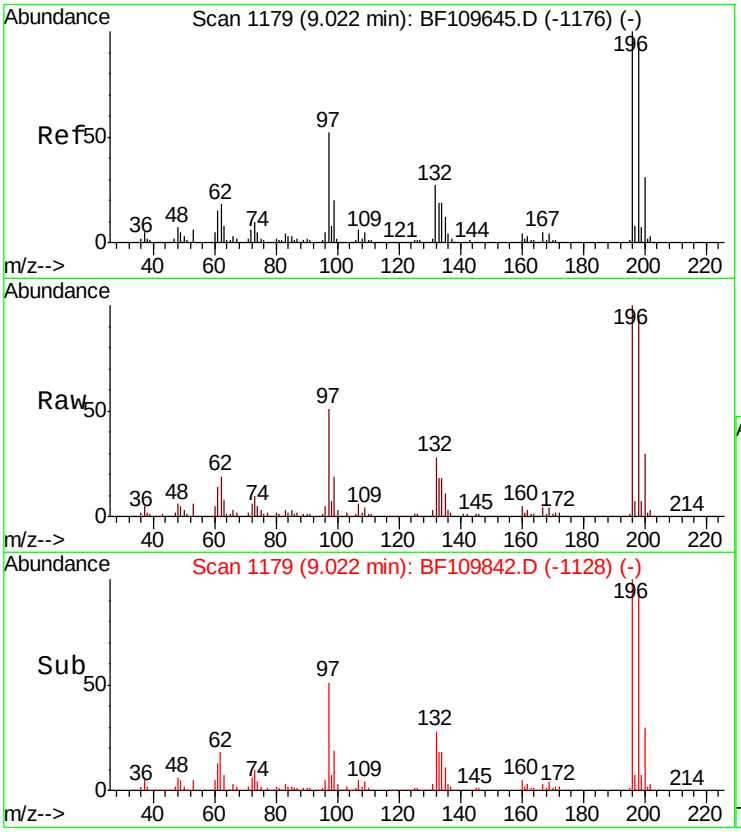


#42
2,4,6-Trichlorophenol
Concen: 43.949 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:196 Resp: 168079

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.4
200	30.9	24.4	36.6



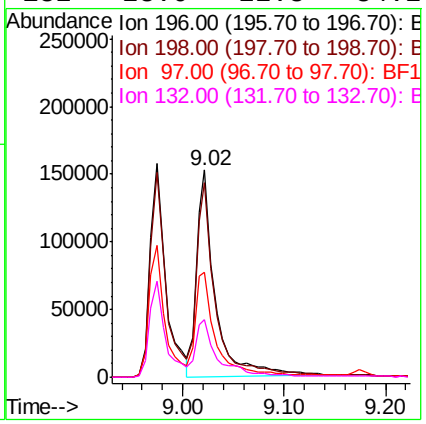


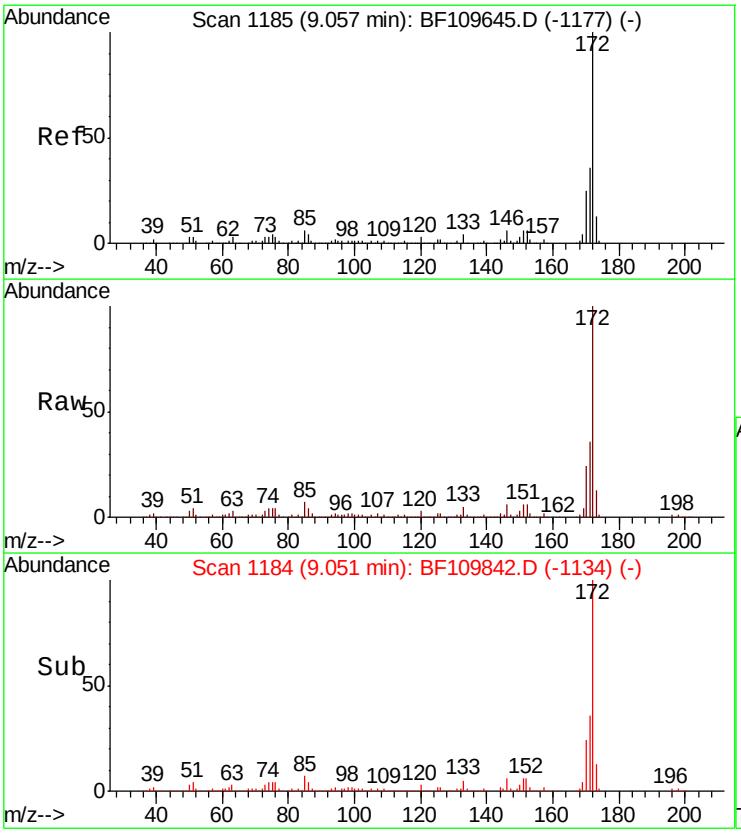
#43
2,4,5-Trichlorophenol
Concen: 44.075 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:196 Resp: 193812

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.8	113.6
97	50.6	42.4	63.6
132	28.0	22.8	34.2

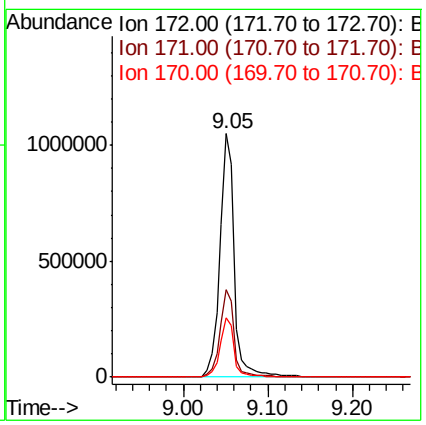


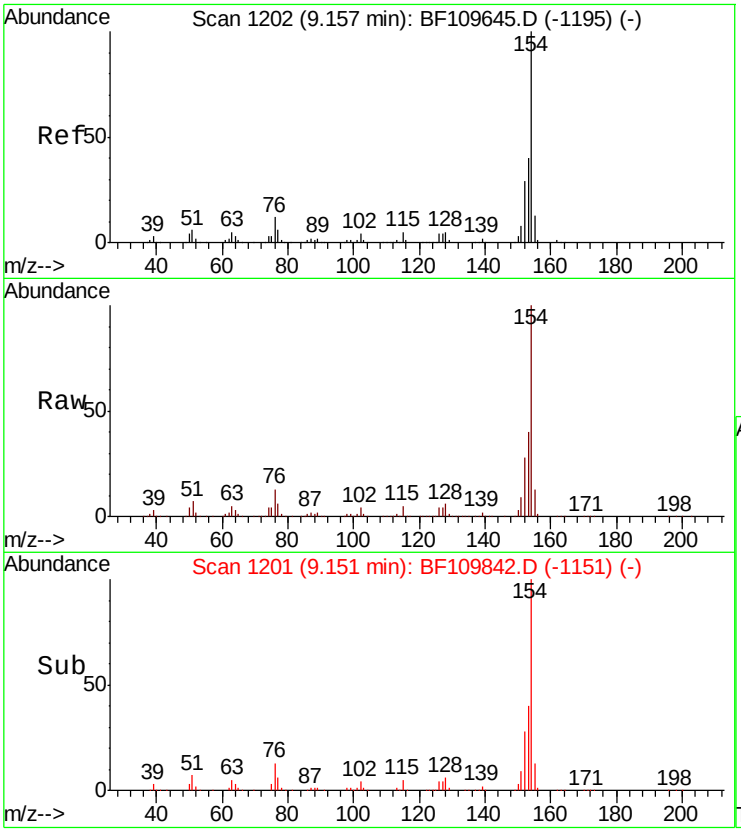


#44
2-Fluorobiphenyl
Concen: 91.679 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:172 Resp: 1251065

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	19.7	29.5



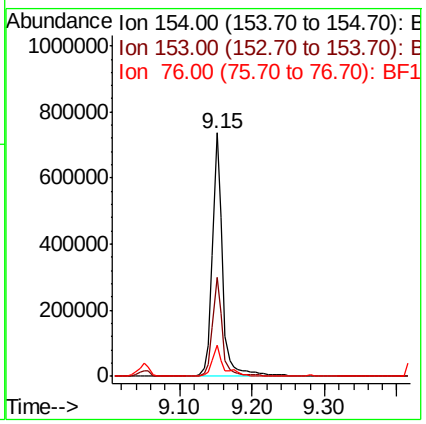


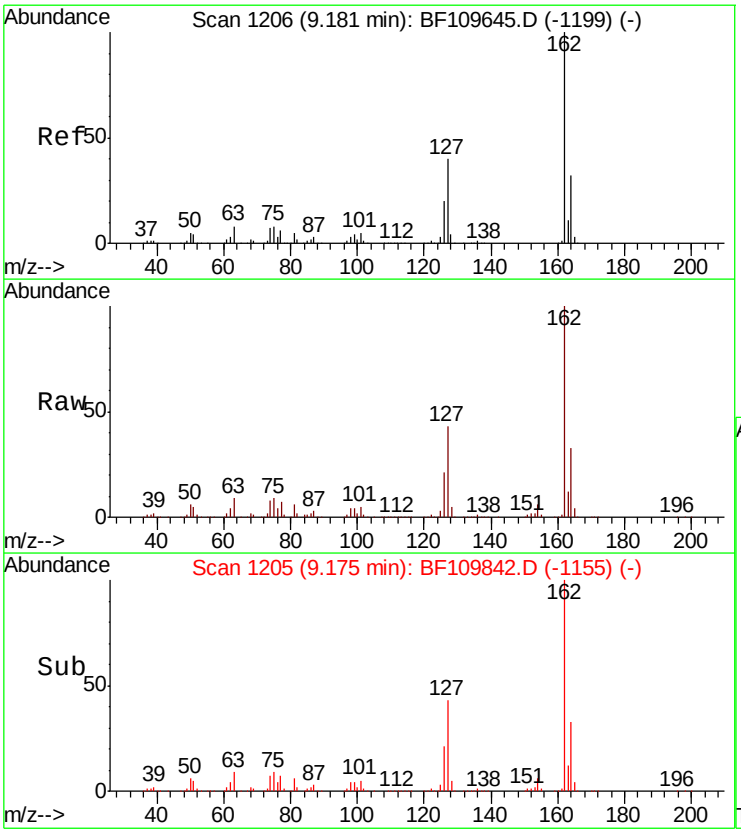
#45
1,1'-Biphenyl
Concen: 43.130 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:154 Resp: 724137

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	12.5	0.0	31.9

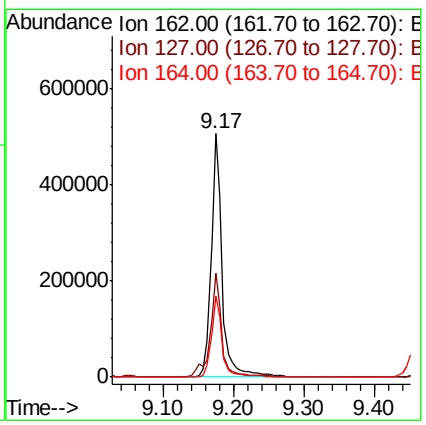


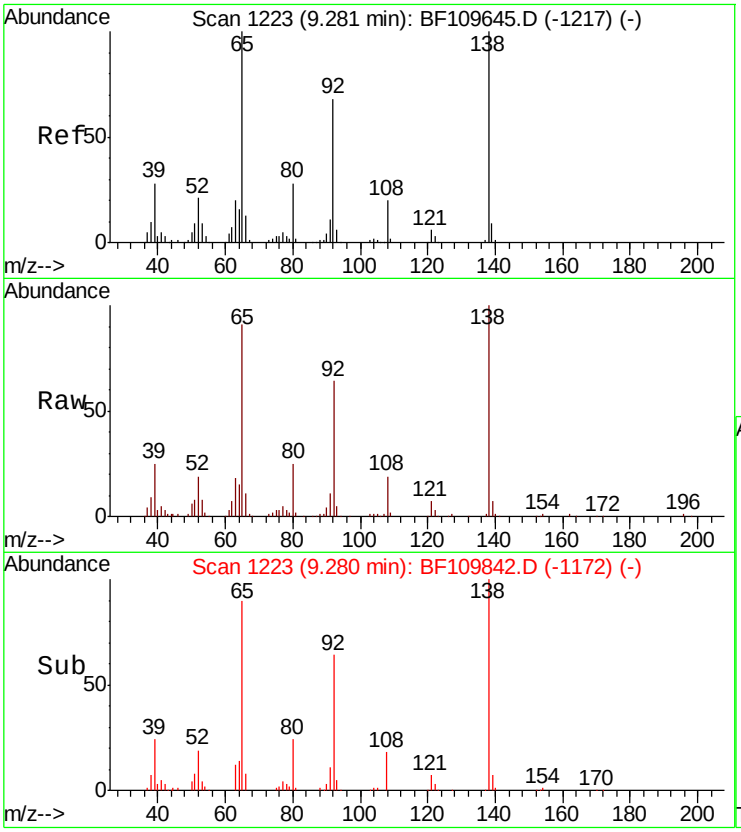


#46
2-Chloronaphthalene
Concen: 43.832 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:162 Resp: 551353

Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.6	48.8
164	33.2	25.9	38.9



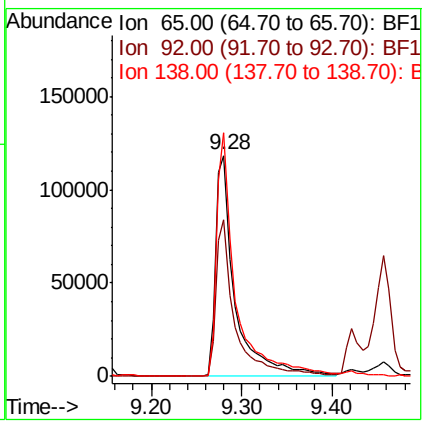


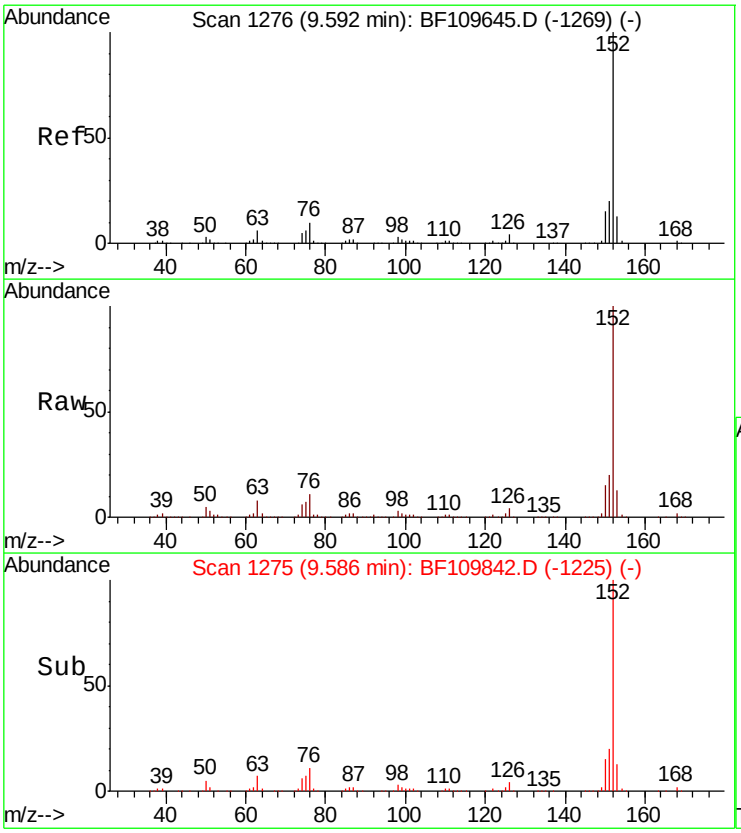
#47
2-Nitroaniline
Concen: 46.054 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion: 65 Resp: 175408

Ion	Ratio	Lower	Upper
65	100		
92	70.7	54.6	81.8
138	110.1	80.3	120.5

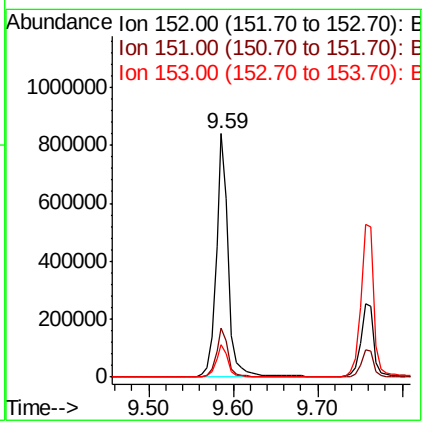


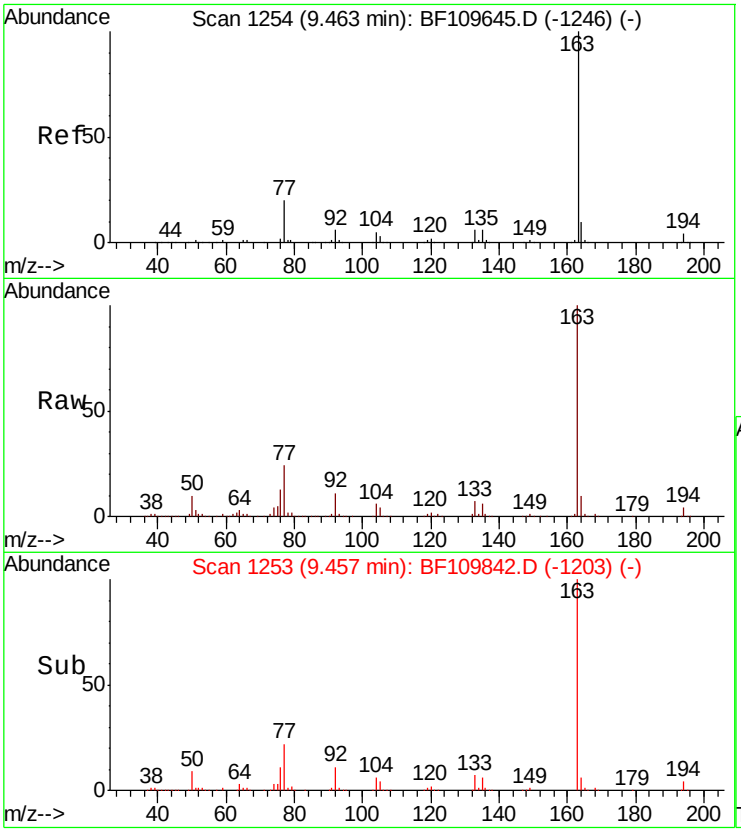


#48
Acenaphthylene
Concen: 46.418 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:152 Resp: 851216

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.3	10.4	15.6



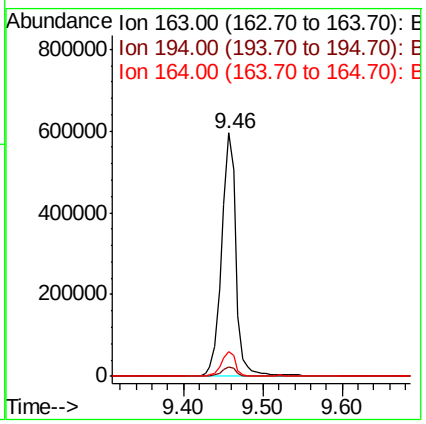


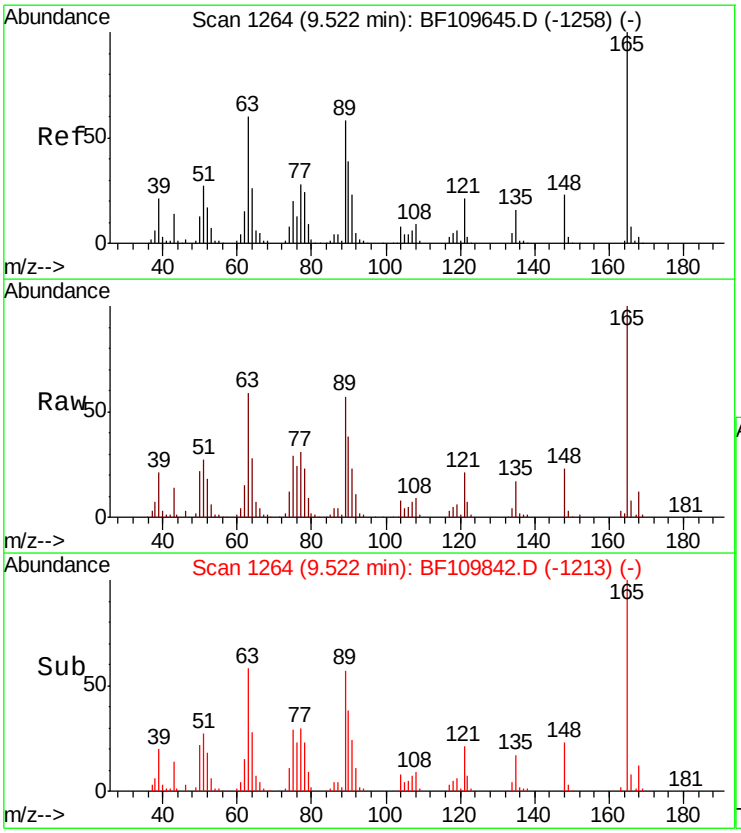
#49
Dimethylphthalate
Concen: 54.596 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:163 Resp: 752536

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	8.1	12.1

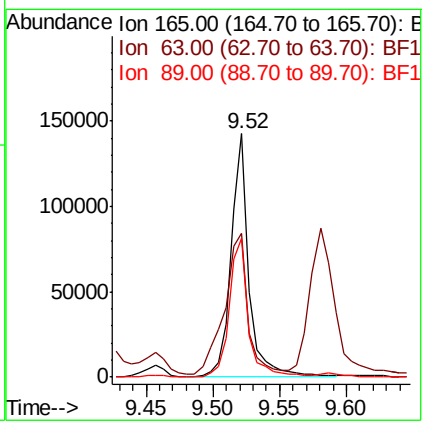


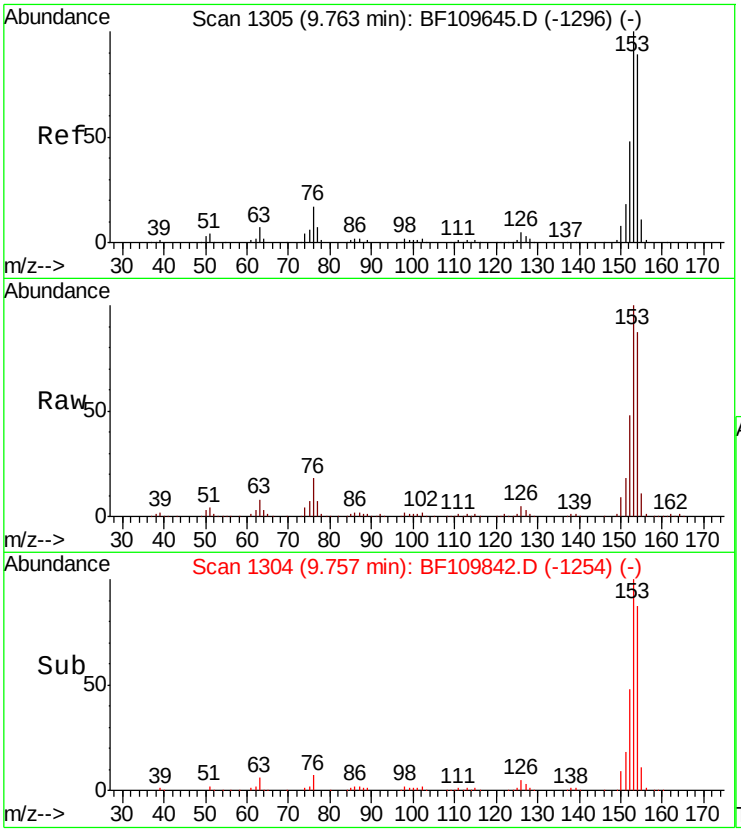


#50
2,6-Dinitrotoluene
Concen: 44.547 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:165 Resp: 133101

Ion	Ratio	Lower	Upper
165	100		
63	59.1	48.9	73.3
89	57.2	46.6	69.8



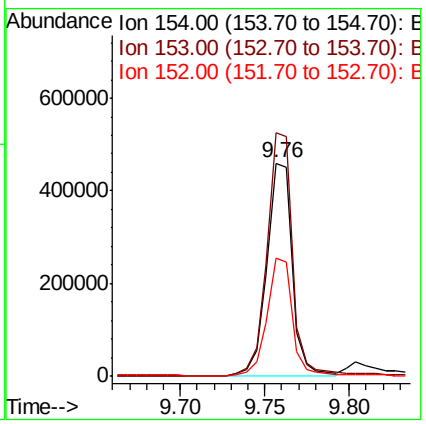


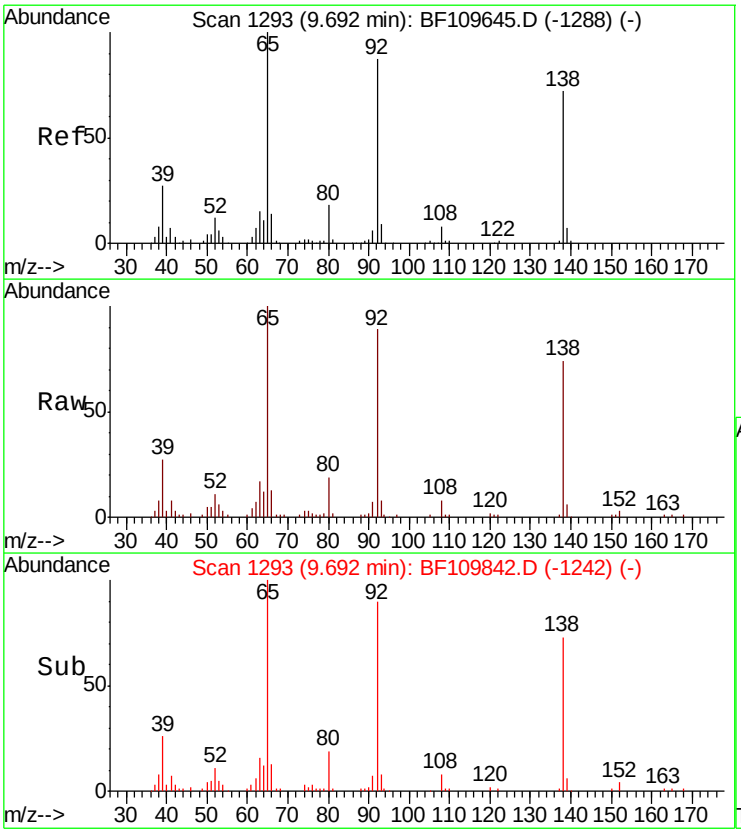
#51
Acenaphthene
Concen: 44.054 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:154 Resp: 478909

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.1	135.1
152	55.2	43.4	65.2

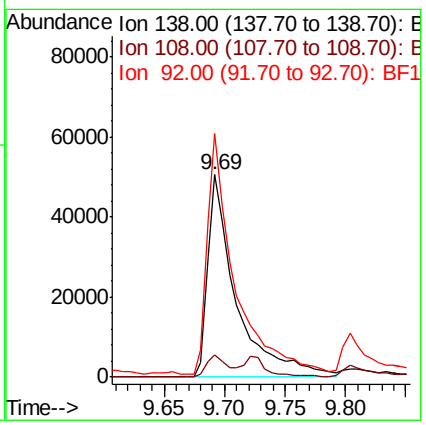


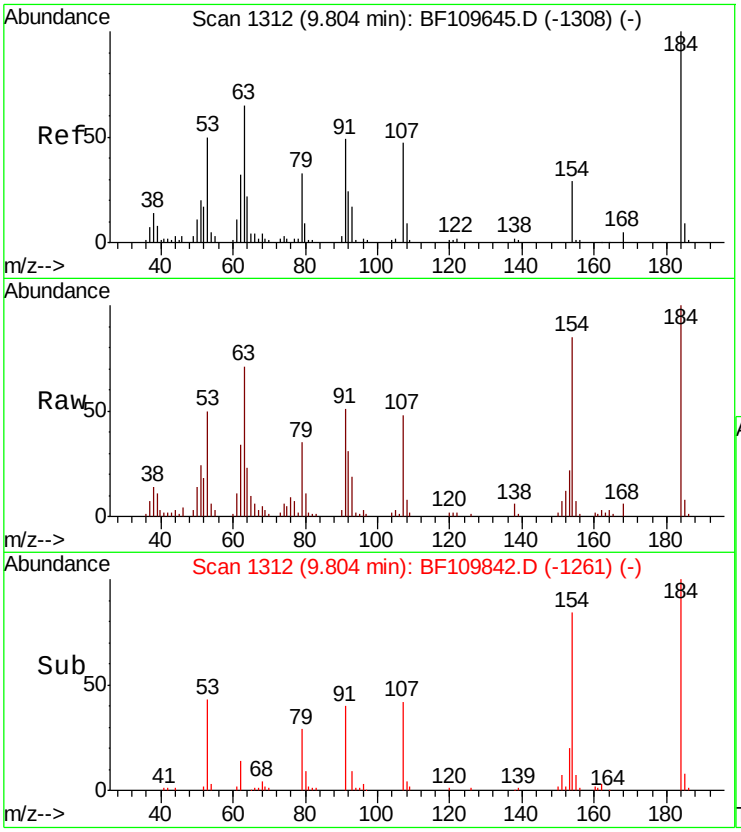


#52
3-Nitroaniline
Concen: 24.641 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:138 Resp: 82529

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.7	13.1
92	120.4	97.0	145.4



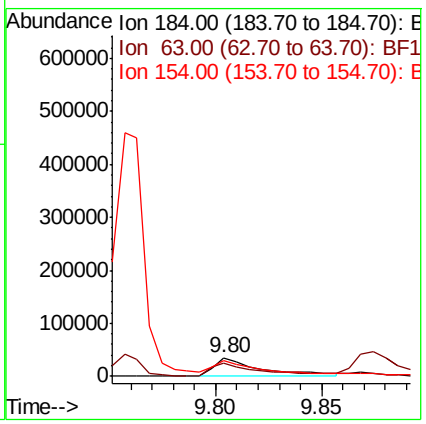


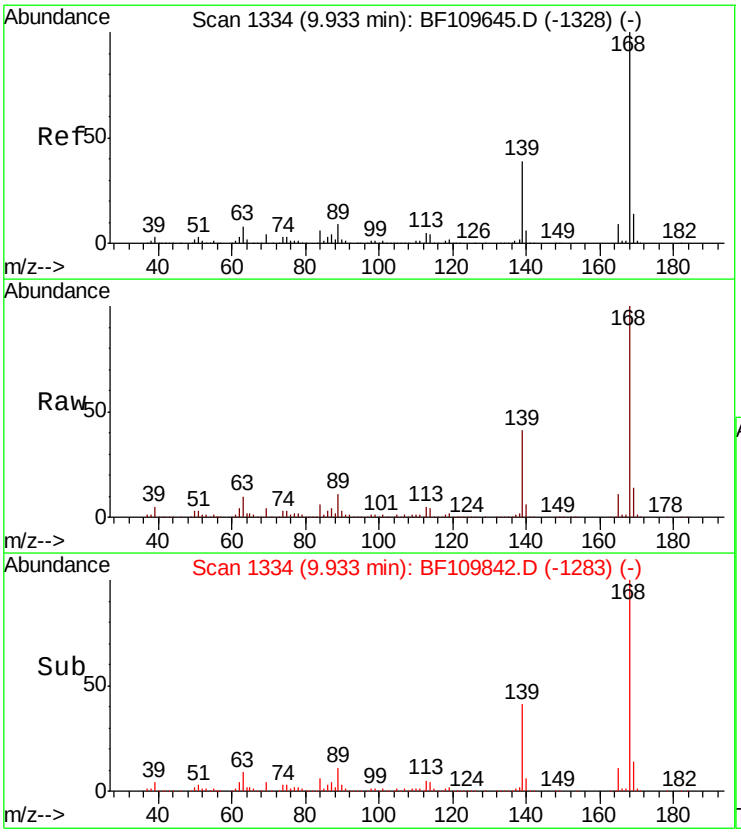
#53
2,4-Dinitrophenol
Concen: 57.584 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:184 Resp: 55510

Ion	Ratio	Lower	Upper
184	100		
63	70.6	55.8	83.6
154	84.8	63.2	94.8

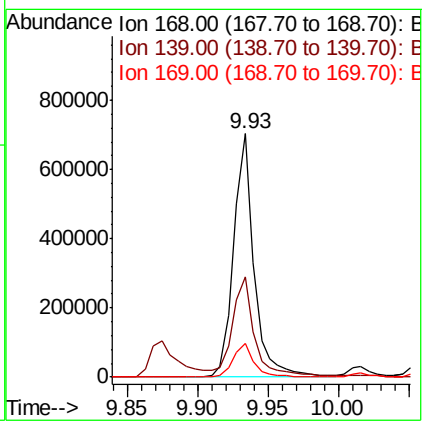


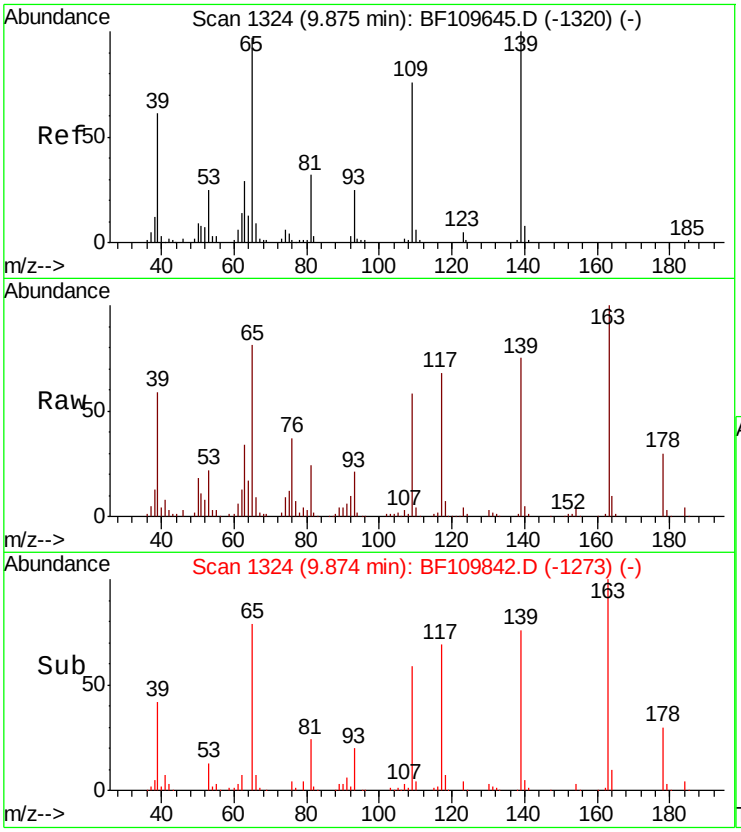


#54
Dibenzofuran
Concen: 43.726 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:168 Resp: 712524

Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.0	49.6
169	13.9	11.3	16.9



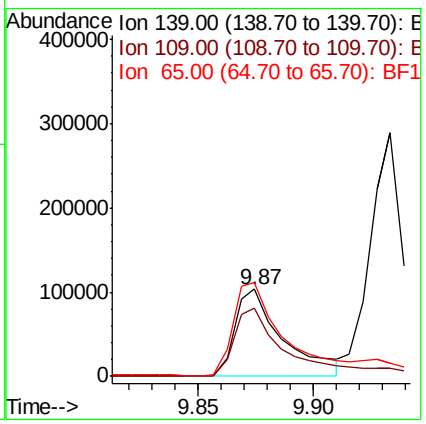


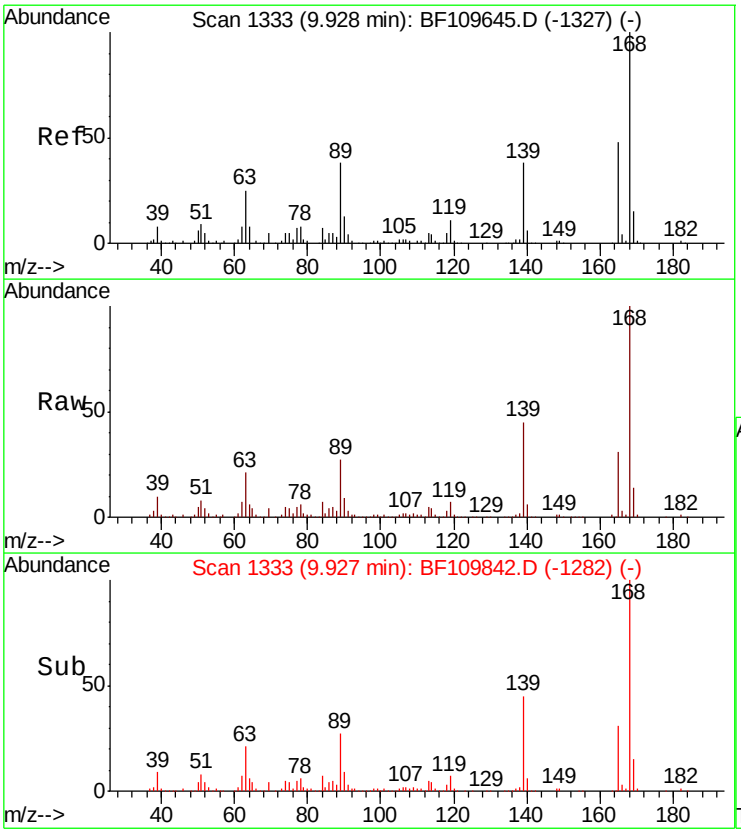
#55
4-Nitrophenol
Concen: 81.212 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:139 Resp: 148884

Ion	Ratio	Lower	Upper
139	100		
109	78.3	55.8	95.8
65	108.2	77.9	117.9

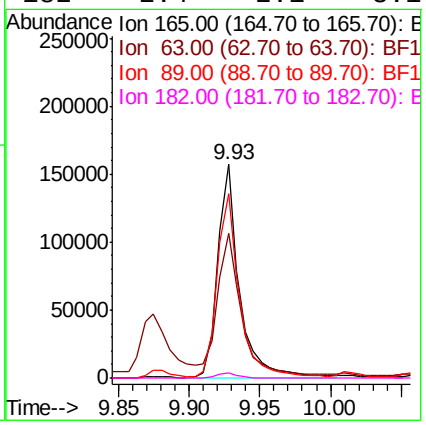


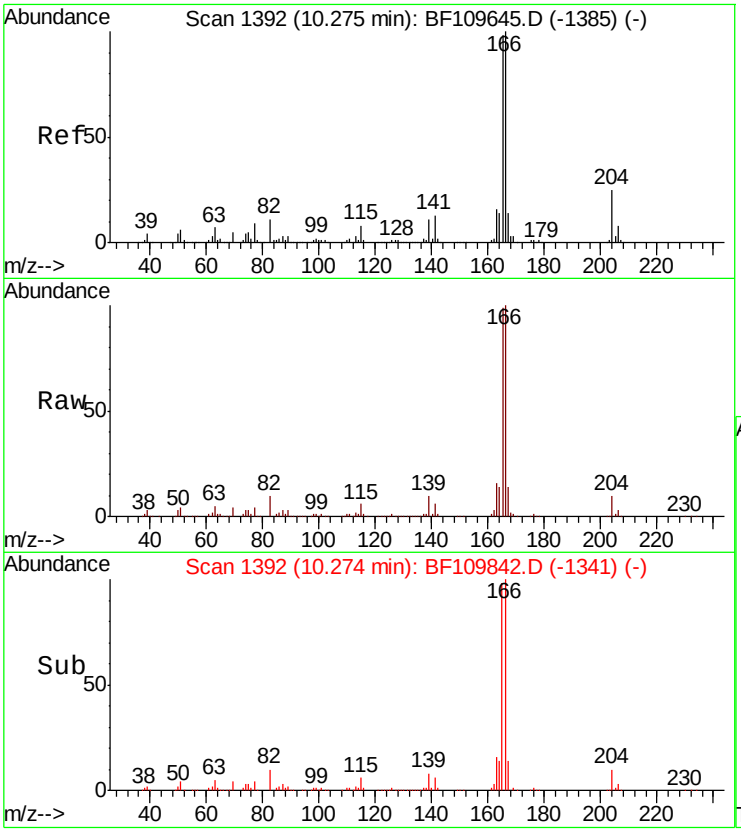


#56
2,4-Dinitrotoluene
Concen: 44.522 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:165 Resp: 166009

Ion	Ratio	Lower	Upper
165	100		
63	67.6	44.8	67.2#
89	86.1	62.2	93.4
182	2.4	2.1	3.1



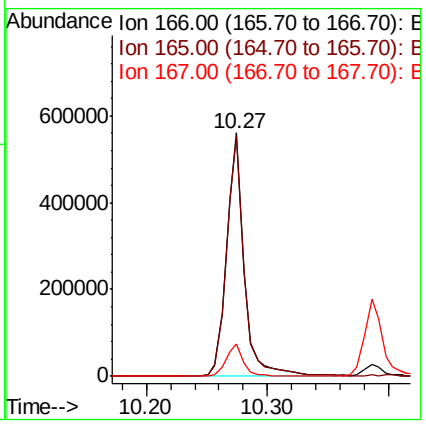


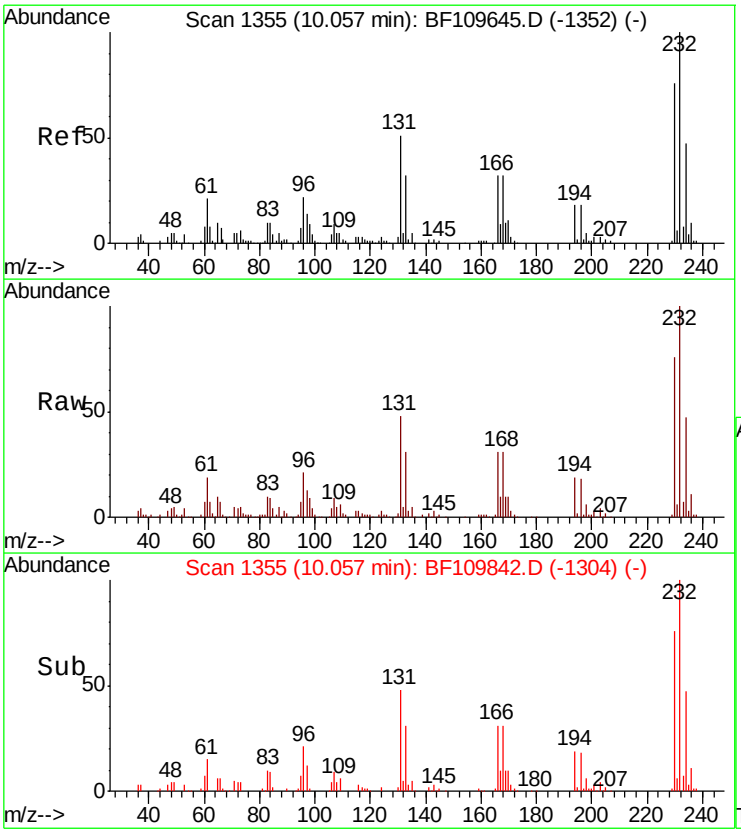
#57
Fluorene
Concen: 46.313 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:166 Resp: 563575

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.5	10.8	16.2

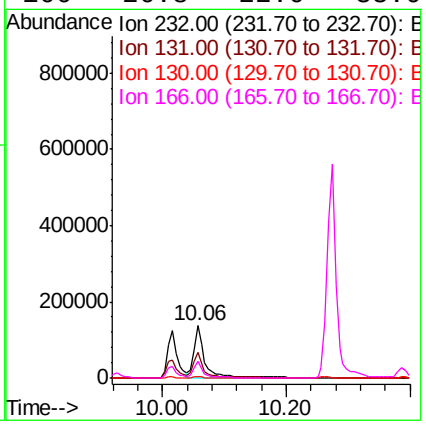


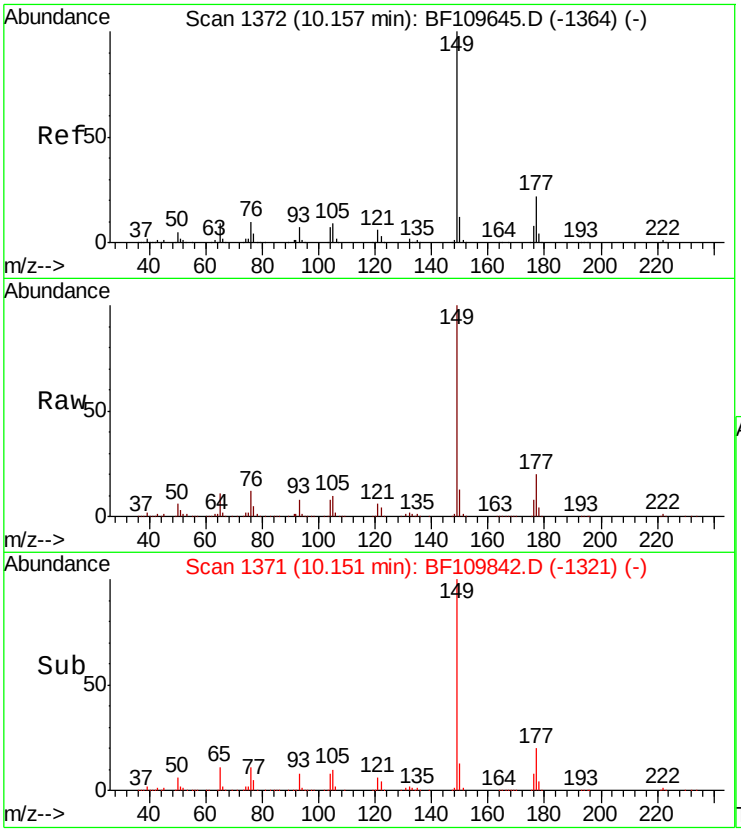


#58
2,3,4,6-Tetrachlorophenol
Concen: 47.999 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:232 Resp: 171573

Ion	Ratio	Lower	Upper
232	100		
131	41.4	37.0	55.4
130	2.1	1.8	2.6
166	26.8	22.0	33.0



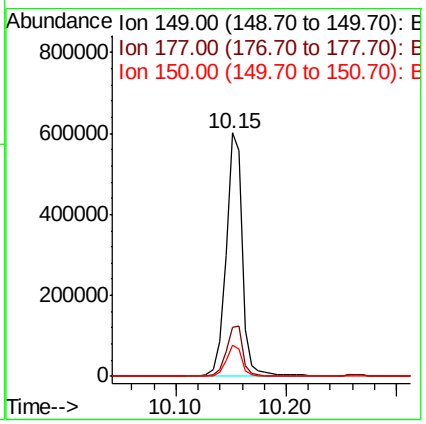


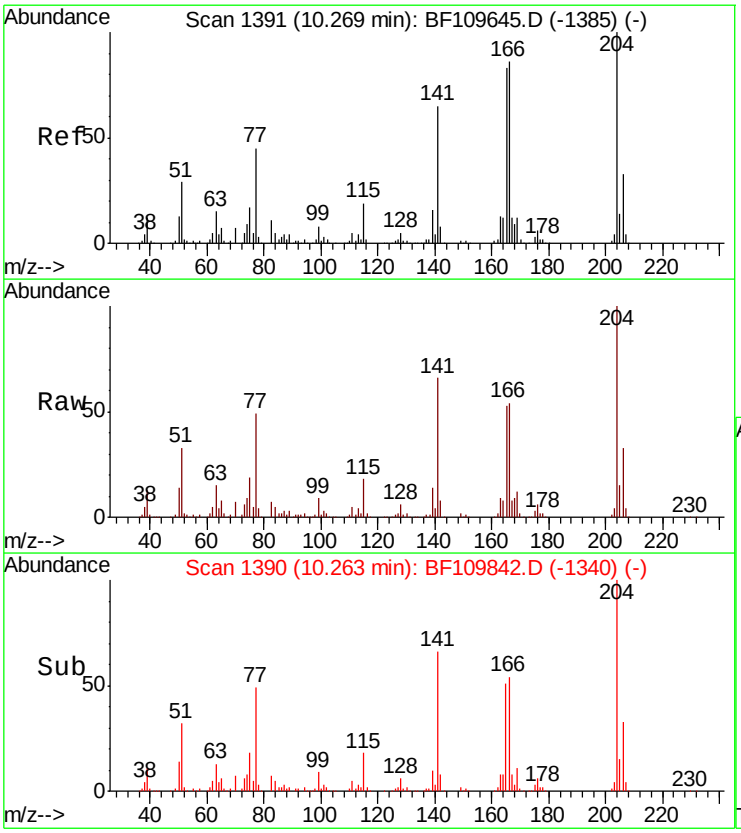
#59
Diethylphthalate
Concen: 45.713 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:149 Resp: 624312

Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.4	26.2
150	12.9	9.8	14.8

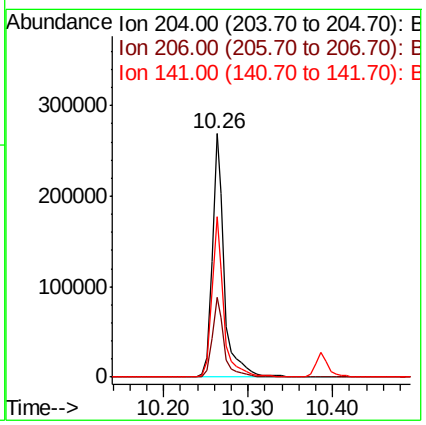


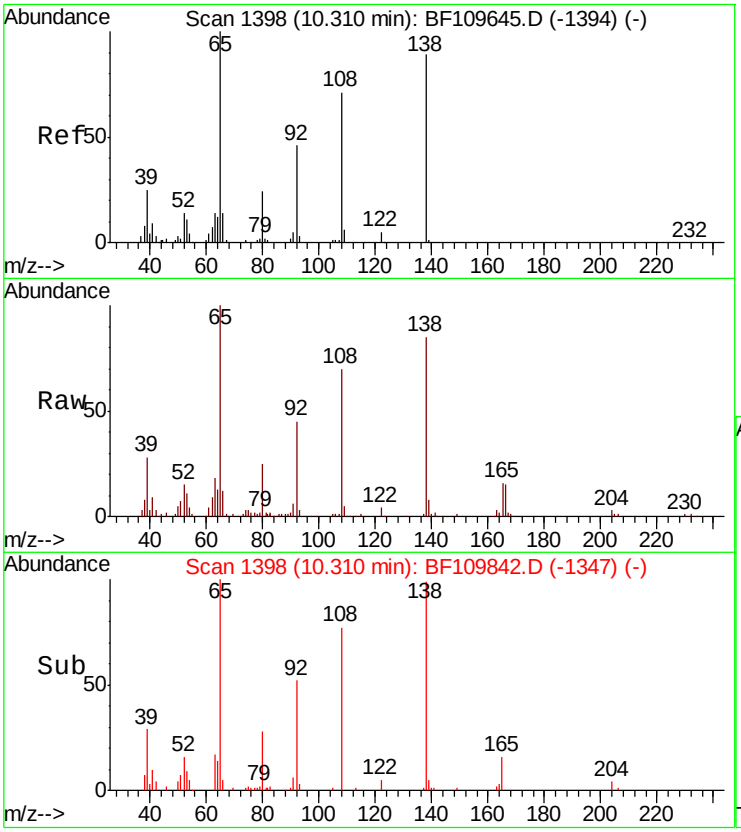


#60
4-Chlorophenyl-phenylether
Concen: 42.784 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:204 Resp: 274665

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	65.7	51.8	77.8



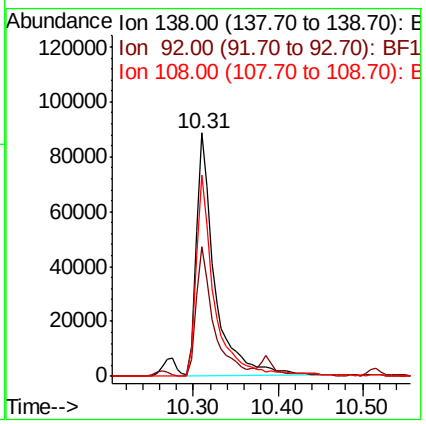


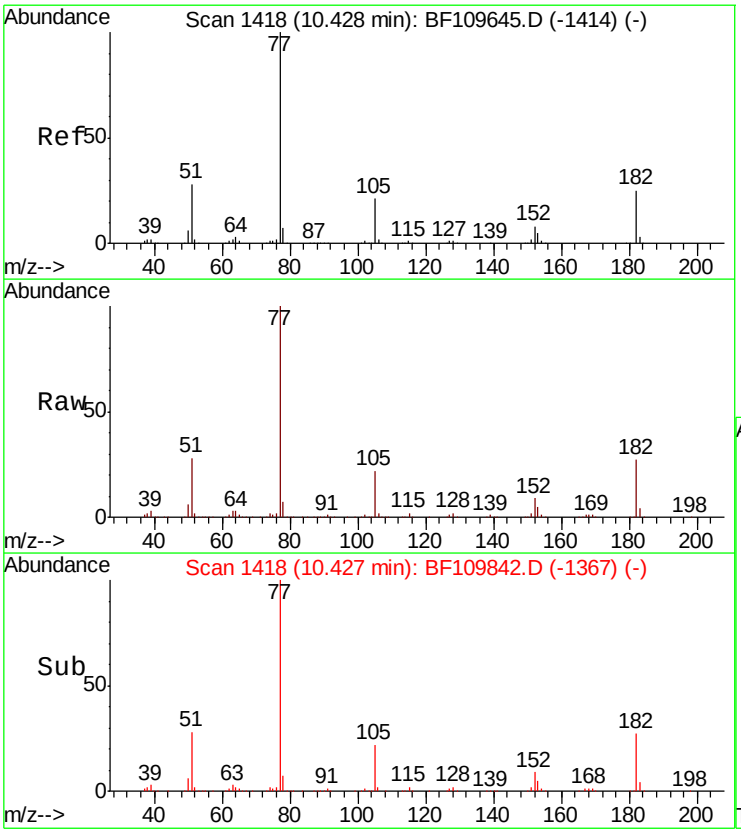
#61
4-Nitroaniline
Concen: 42.582 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:138 Resp: 132078

Ion	Ratio	Lower	Upper
138	100		
92	53.2	31.7	71.7
108	82.6	59.3	99.3

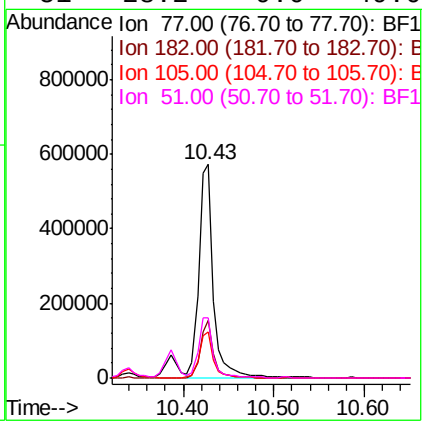


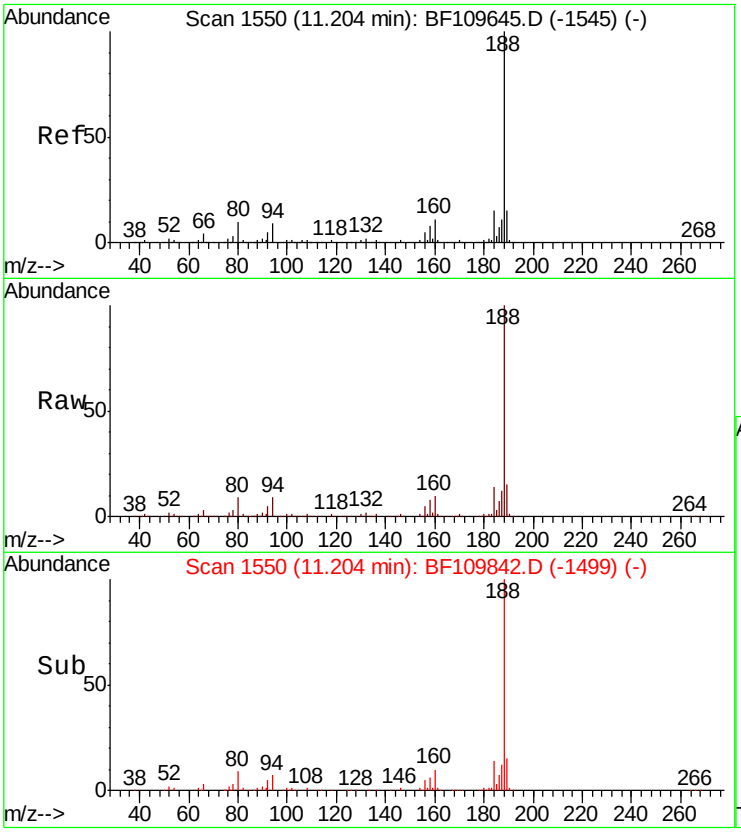


#62
Azobenzene
Concen: 45.540 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion: 77 Resp: 631571

Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.3	44.3
105	21.7	1.3	41.3
51	28.2	9.0	49.0



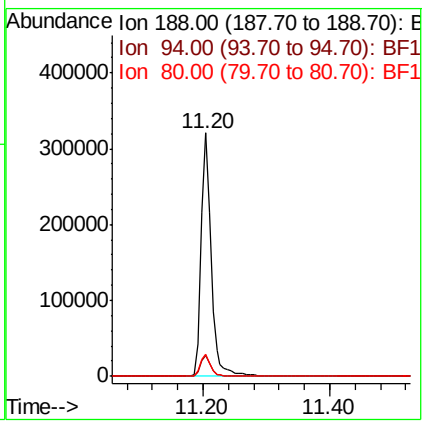


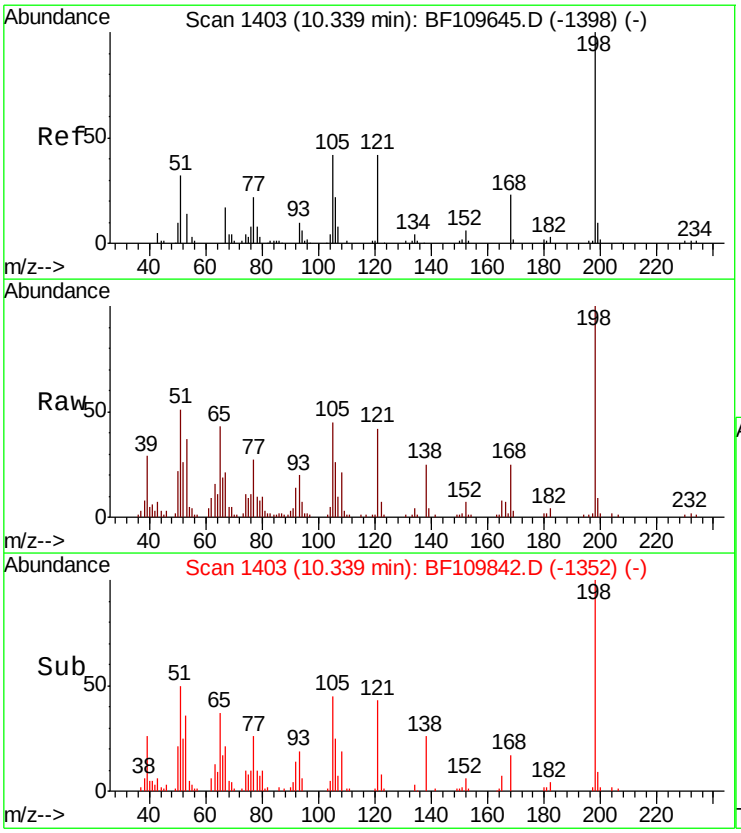
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:188 Resp: 350407

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.2	7.9	11.9

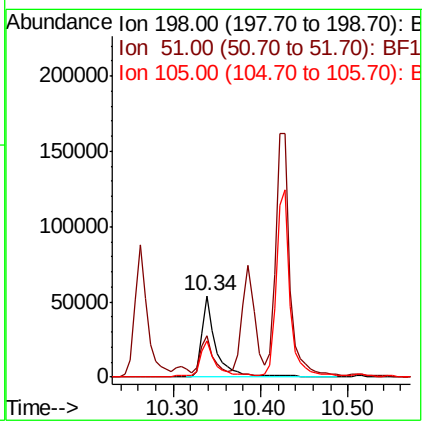


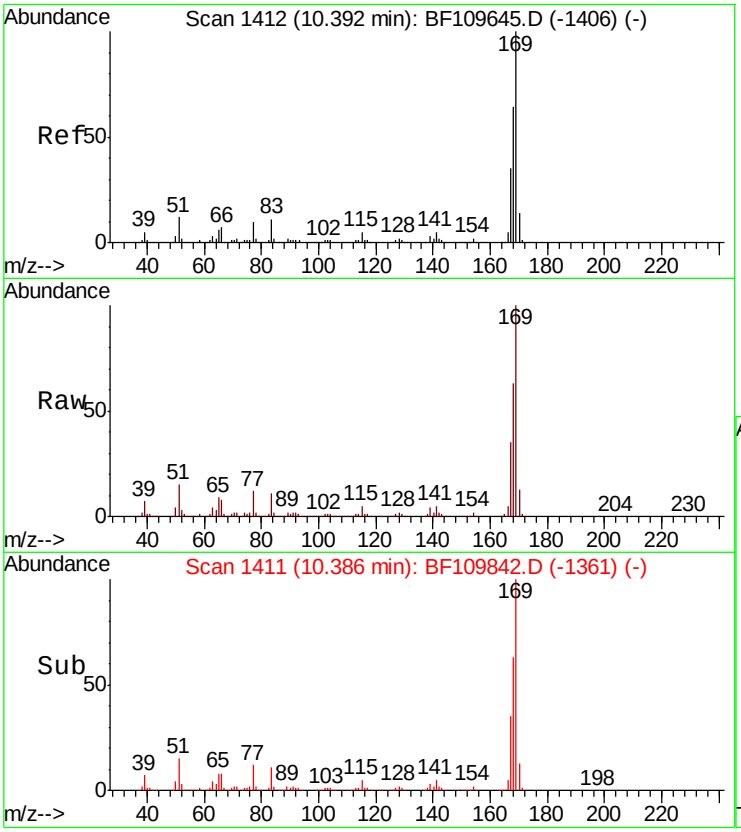


#64
4,6-Dinitro-2-methylphenol
Concen: 36.350 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:198 Resp: 61995

Ion	Ratio	Lower	Upper
198	100		
51	50.5	22.8	62.8
105	45.2	23.6	63.6



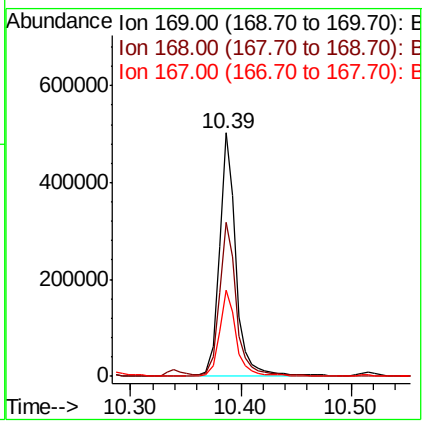


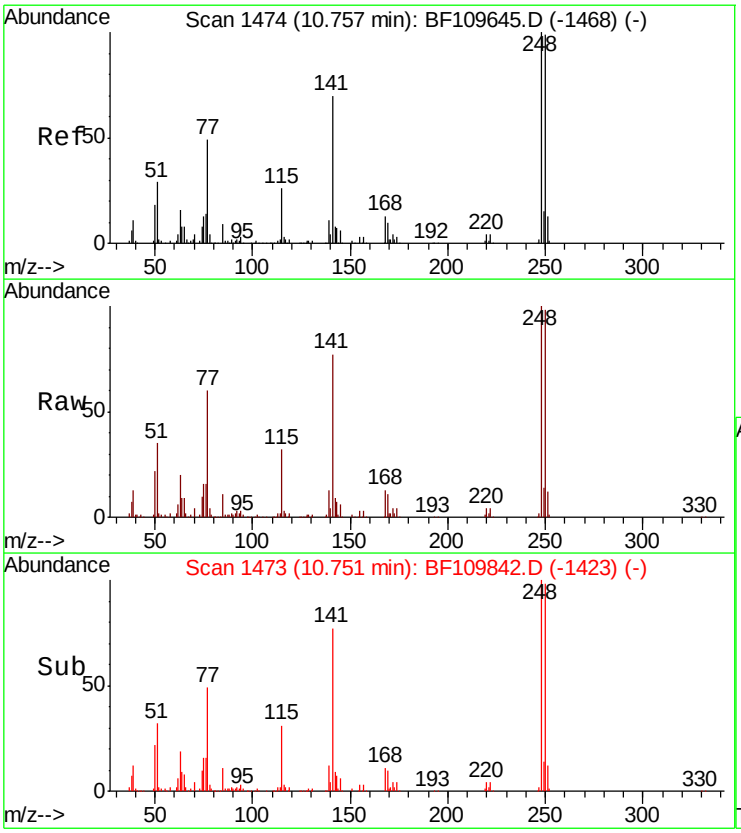
#65
n-Nitrosodiphenylamine
Concen: 43.644 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:169 Resp: 518437

Ion	Ratio	Lower	Upper
169	100		
168	63.3	51.2	76.8
167	35.2	27.8	41.6

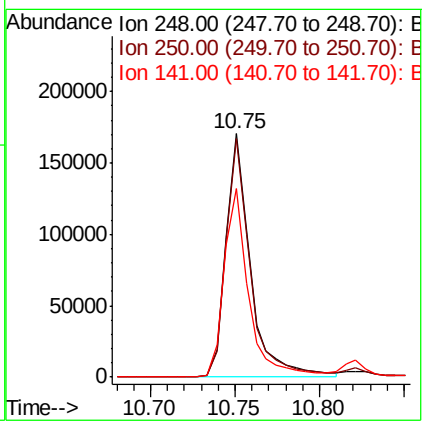


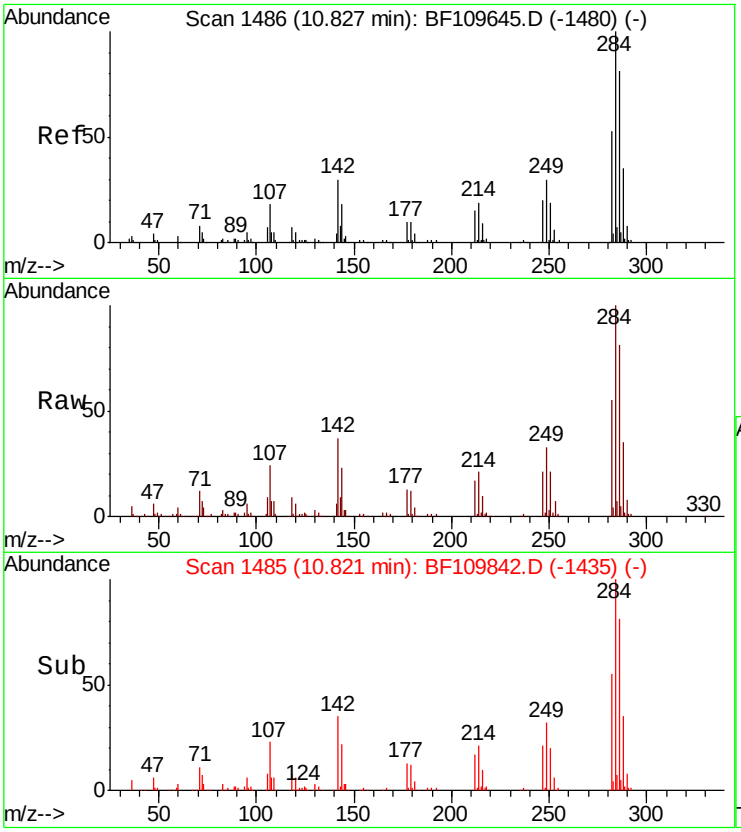


#66
4-Bromophenyl-phenylether
Concen: 42.787 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:248 Resp: 172271

Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.4	119.2
141	77.5	55.9	83.9



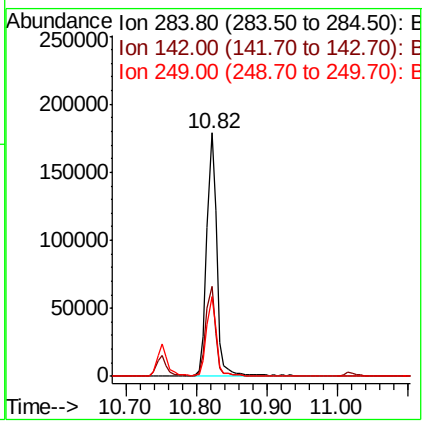


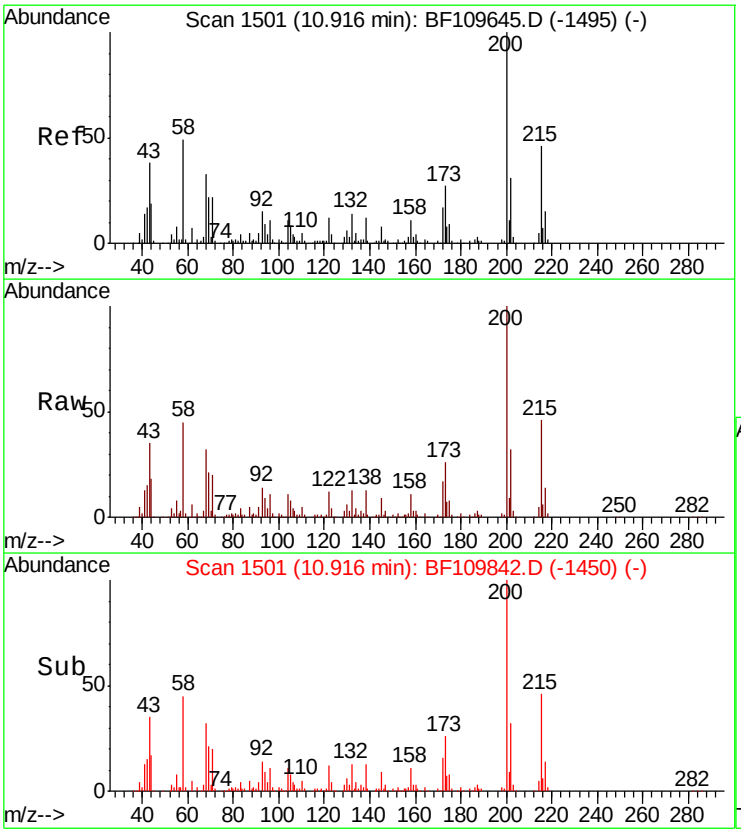
#67
Hexachlorobenzene
Concen: 40.942 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:284 Resp: 178498

Ion	Ratio	Lower	Upper
284	100		
142	36.9	23.9	35.9#
249	32.9	24.2	36.2

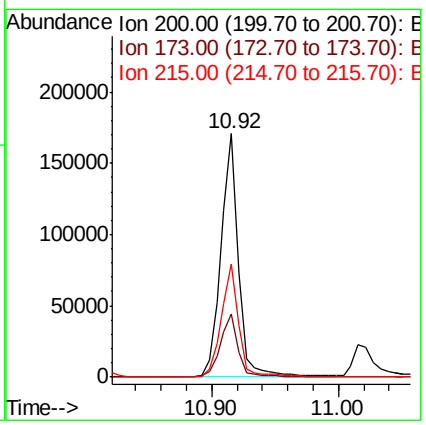


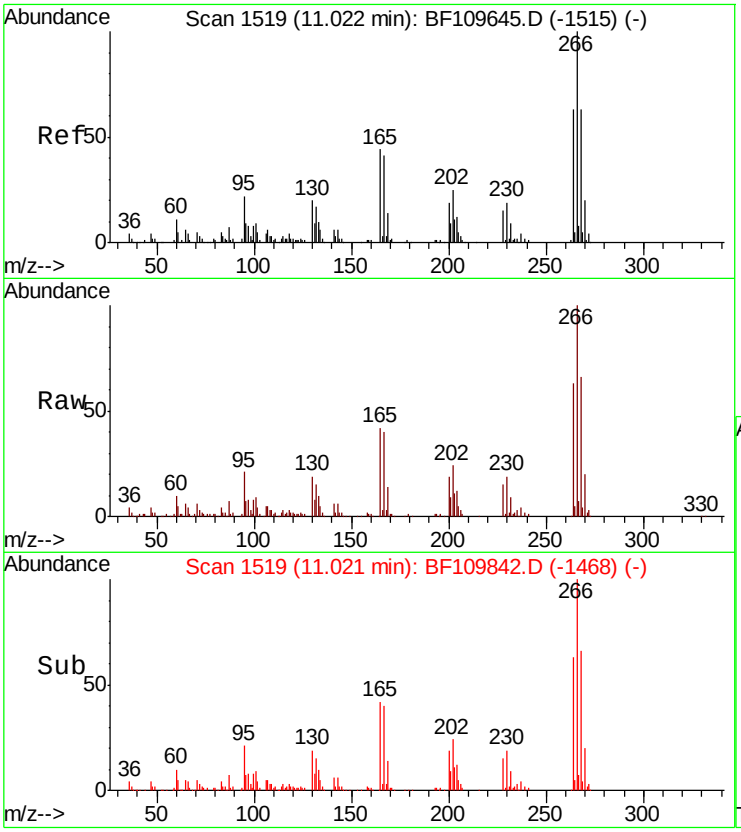


#68
Atrazine
Concen: 44.601 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:200 Resp: 165343

Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.6	46.6
215	46.4	26.3	66.3



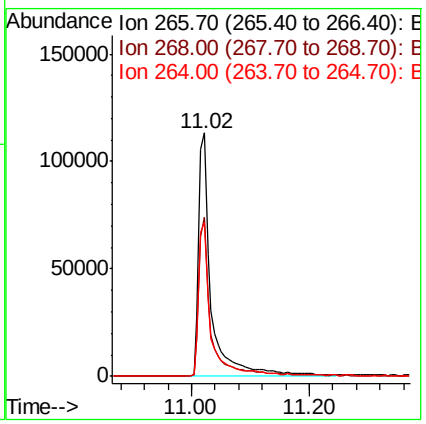


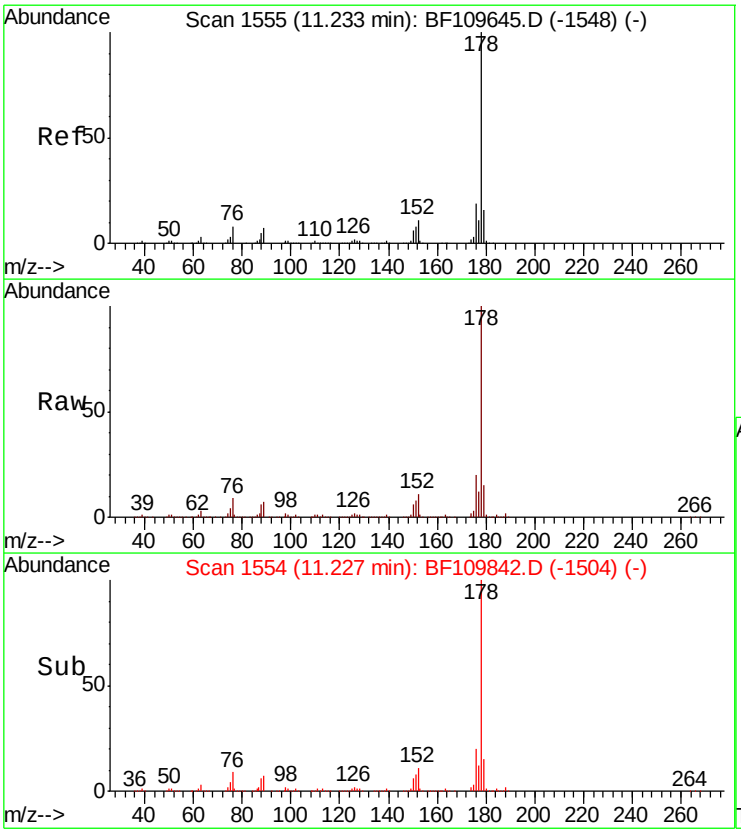
#69
Pentachlorophenol
Concen: 67.879 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:266 Resp: 166525

Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	75.8
264	63.5	50.6	75.8

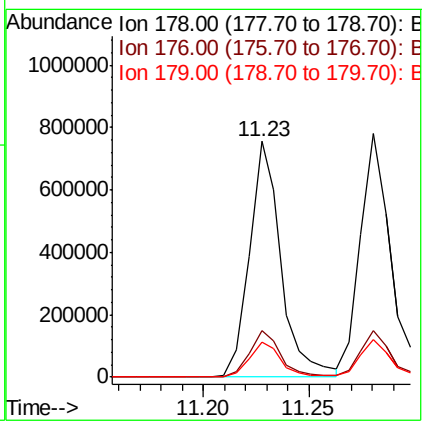


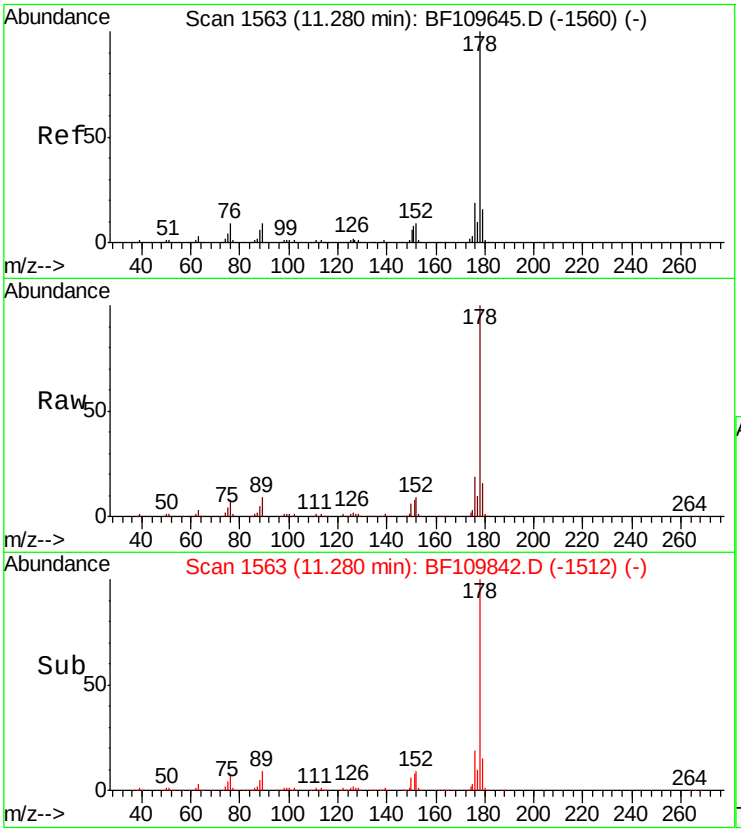


#70
Phenanthrene
Concen: 45.057 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:178 Resp: 790111

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.1	12.5	18.7



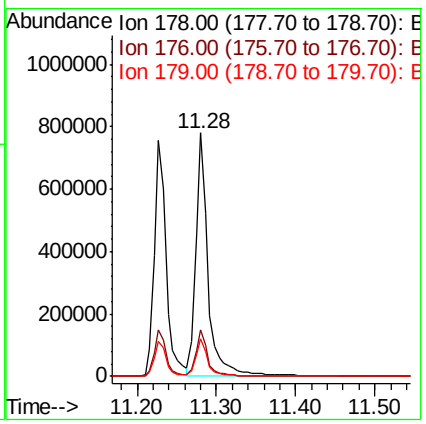


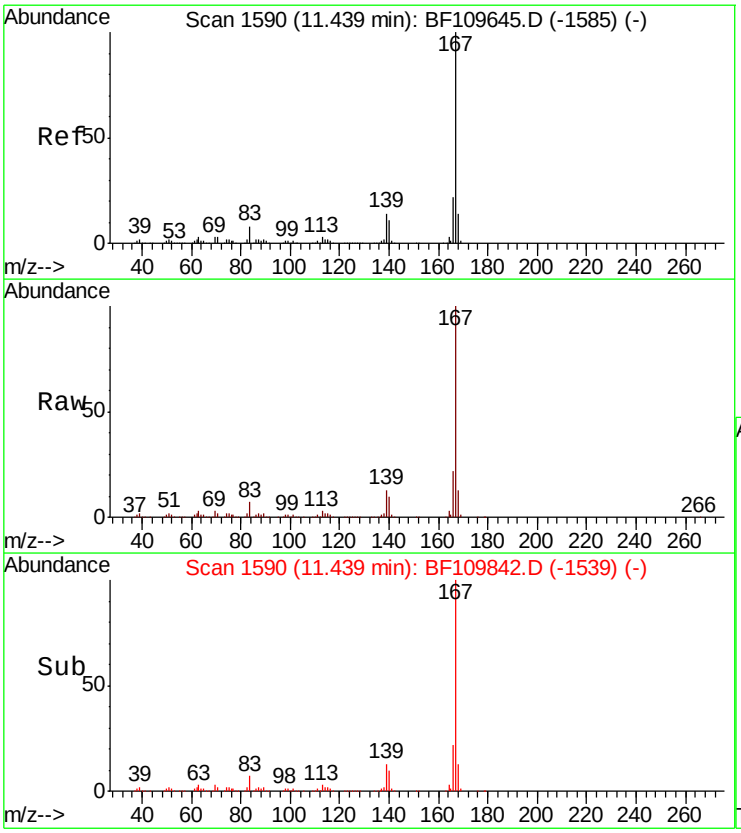
#71
Anthracene
Concen: 47.277 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:178 Resp: 856998

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	18.8

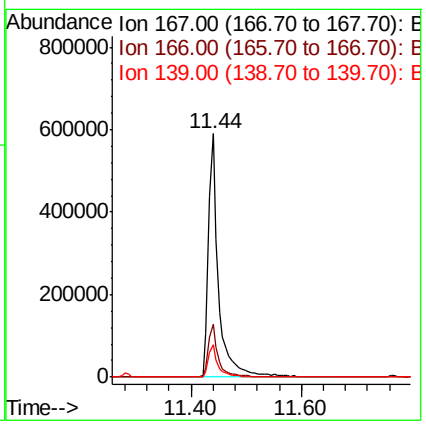


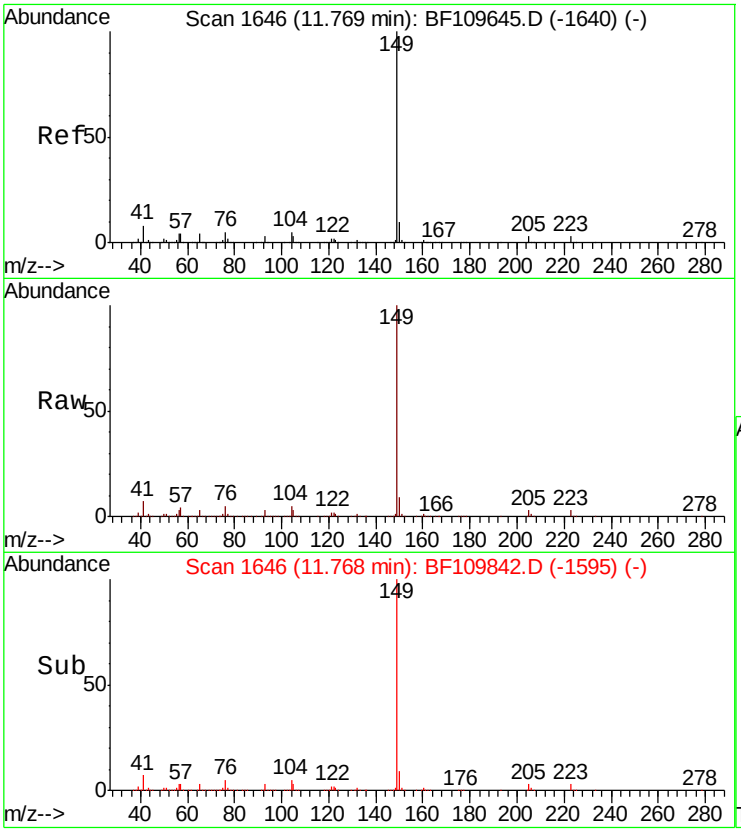


#72
Carbazole
Concen: 41.962 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:167 Resp: 737745

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.4	10.9	16.3



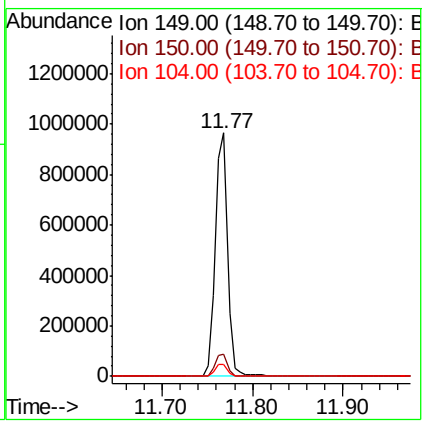


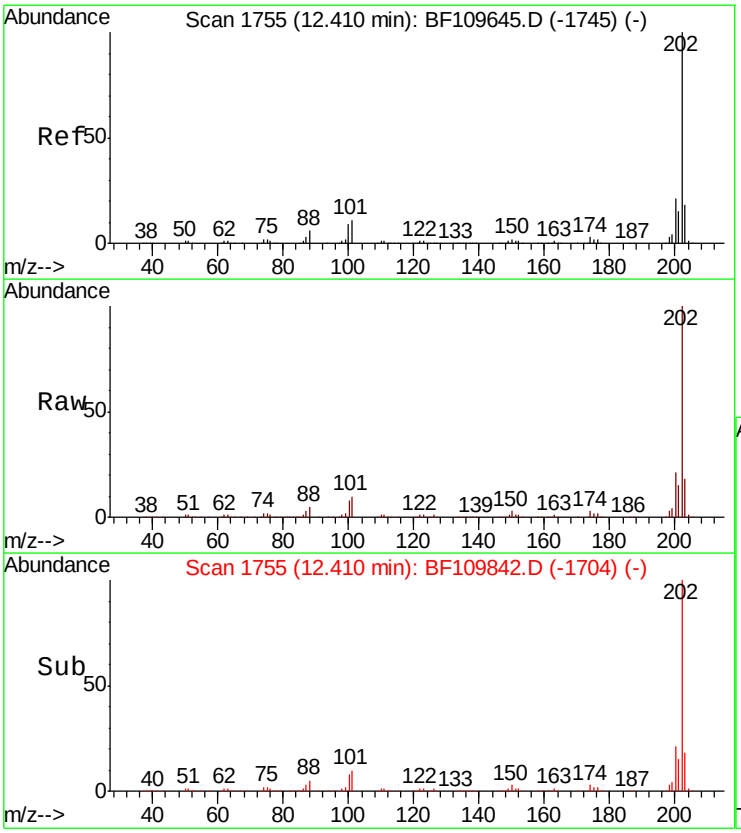
#73
Di-n-butylphthalate
Concen: 44.192 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:149 Resp: 901119

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.1	4.2	6.4

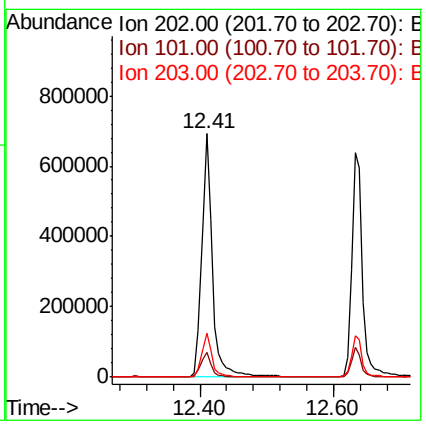


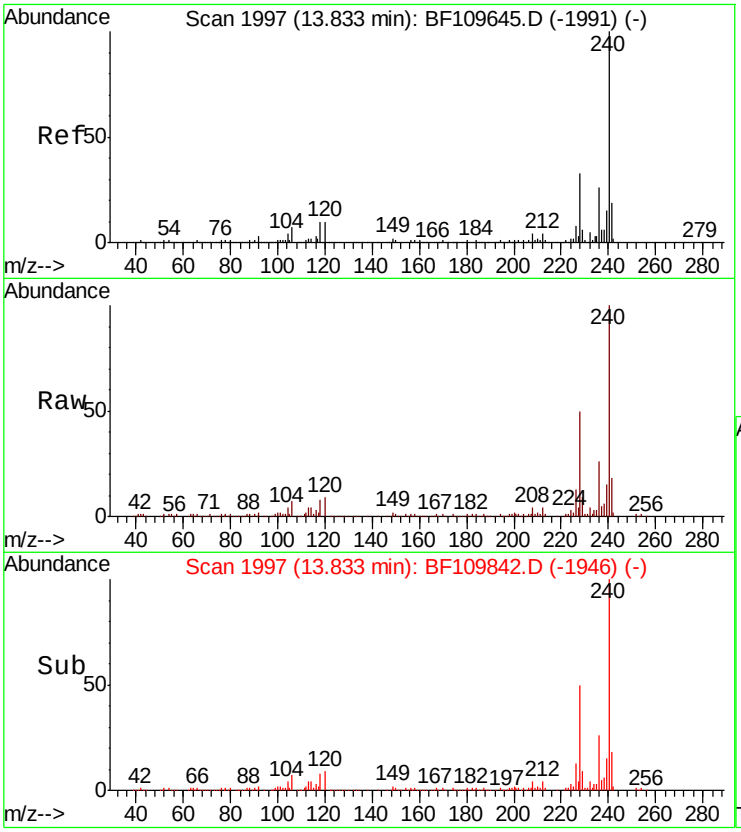


#74
Fluoranthene
Concen: 40.805 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:202 Resp: 747526

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.4
203	17.9	0.0	37.7



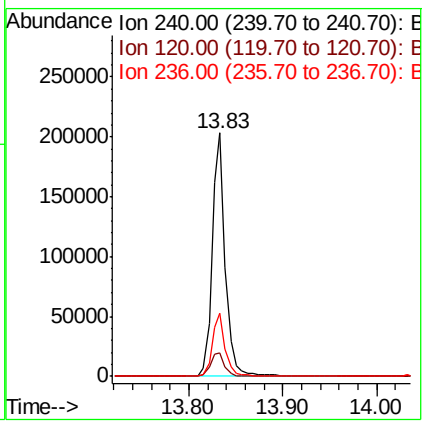


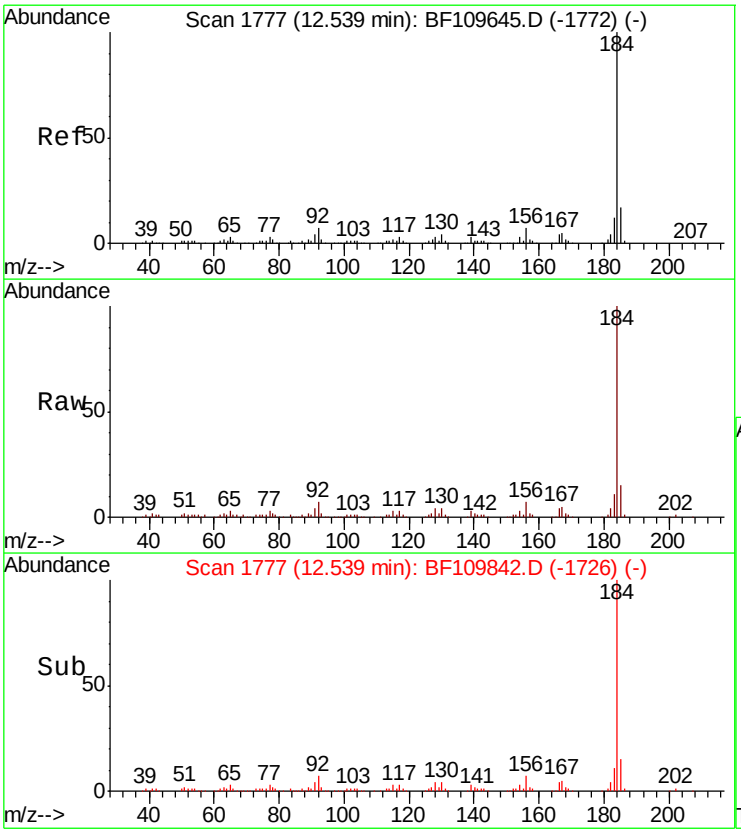
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:240 Resp: 199851

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	25.9	21.2	31.8

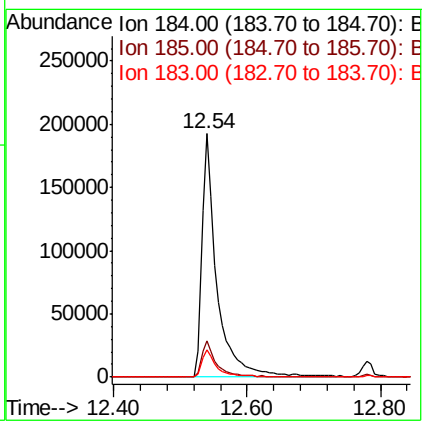


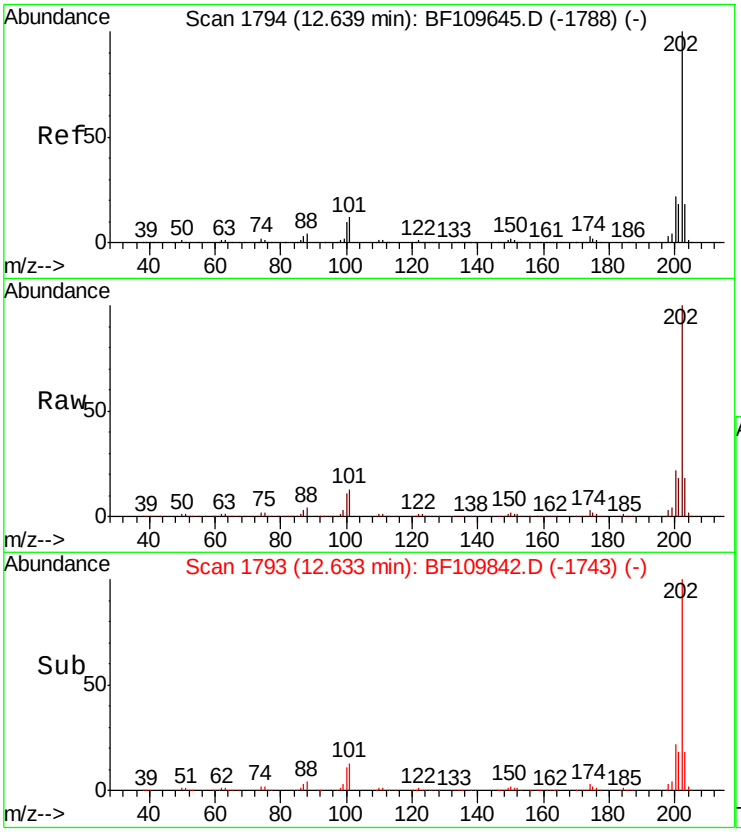


#76
Benzidine
Concen: 39.986 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:184 Resp: 296859

Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.2
183	11.4	9.4	14.2



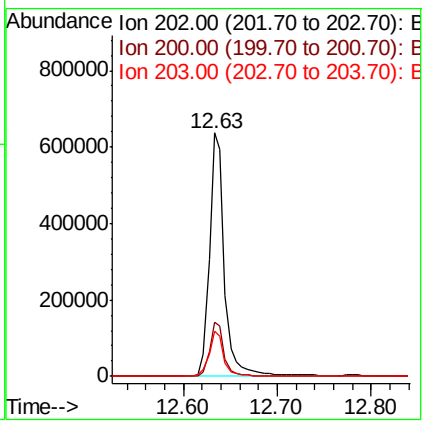


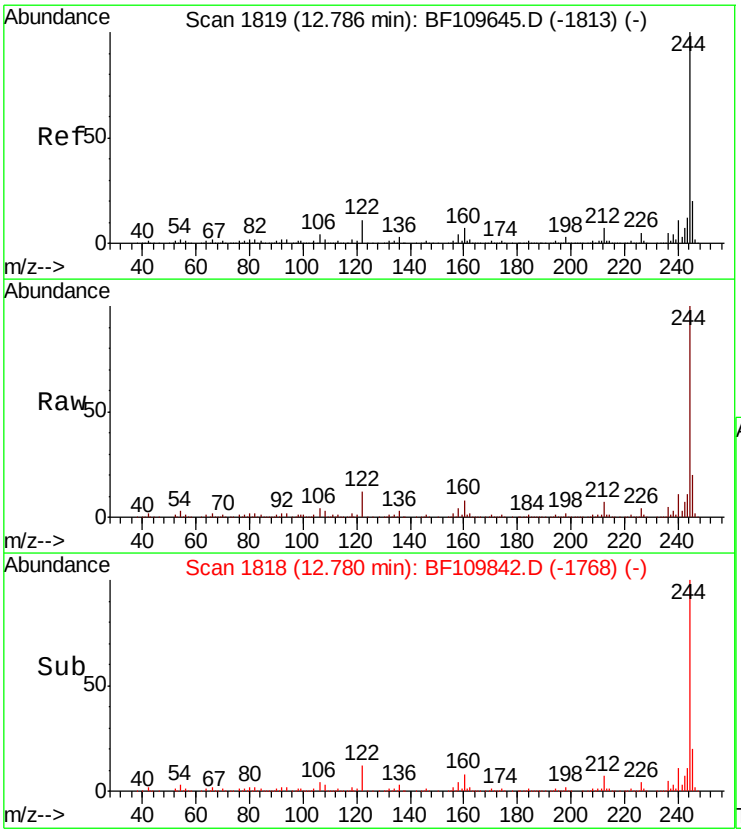
#77
Pyrene
Concen: 48.922 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:202 Resp: 716337

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.5	14.2	21.4

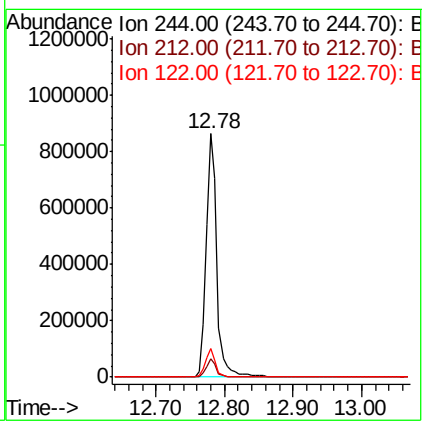


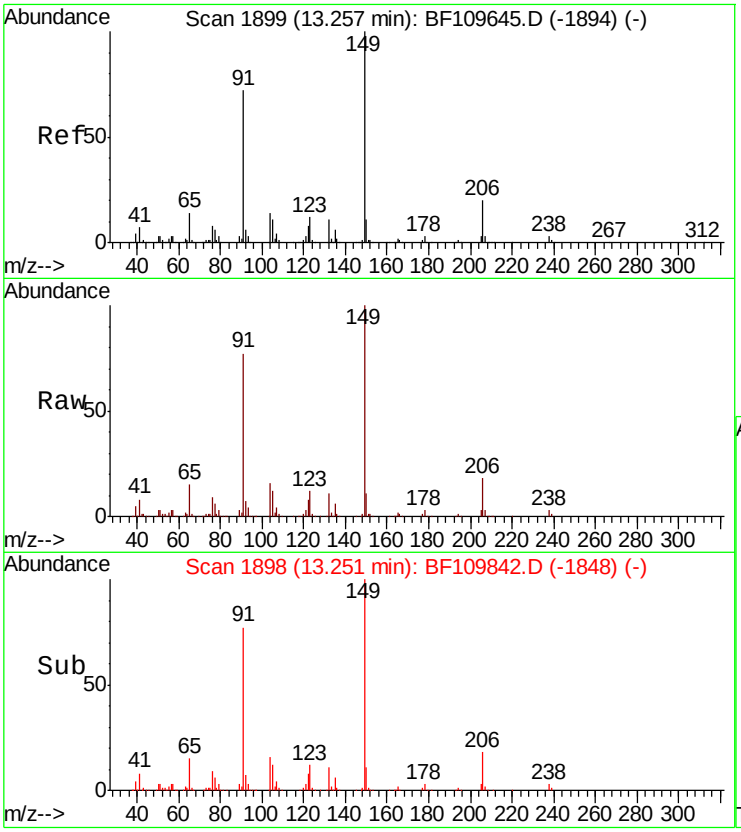


#78
Terphenyl-d14
Concen: 92.804 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:244 Resp: 958080

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.9	8.7	13.1



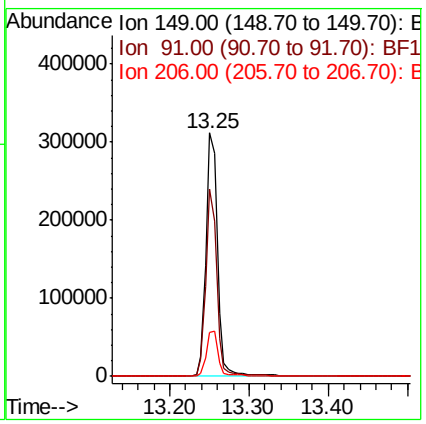


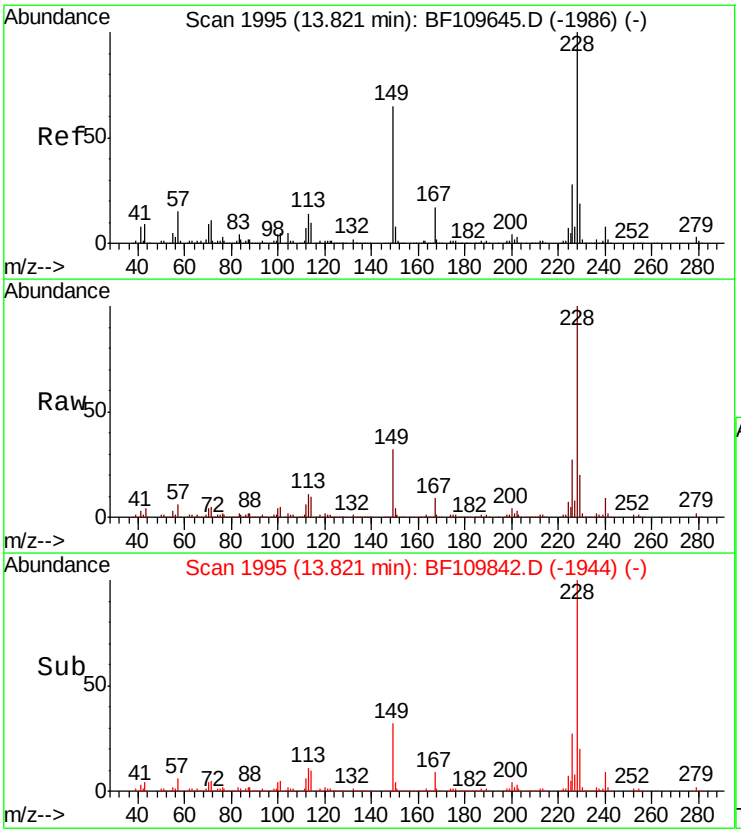
#79
Butylbenzylphthalate
Concen: 50.623 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:149 Resp: 321371

Ion	Ratio	Lower	Upper
149	100		
91	76.8	57.2	85.8
206	18.2	15.7	23.5

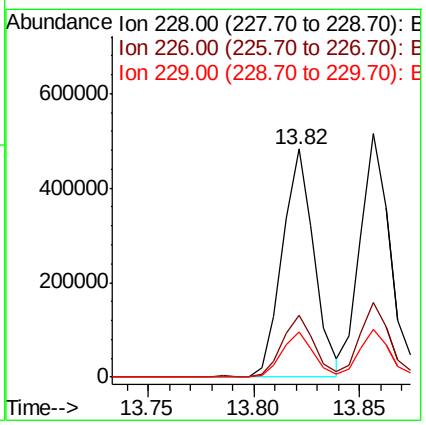


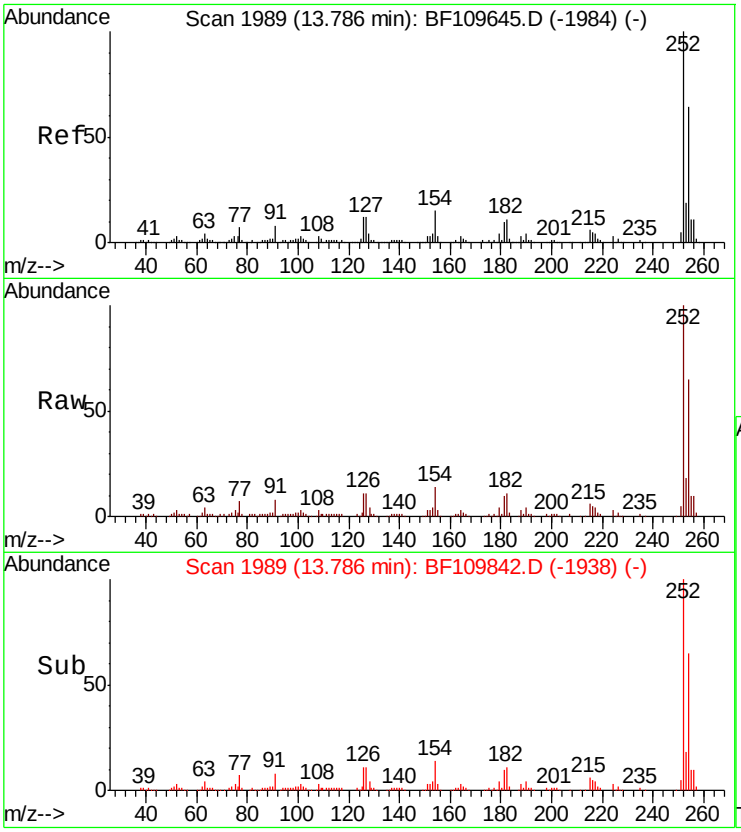


#80
Benzo(a)anthracene
Concen: 45.750 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:228 Resp: 504558

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.8	15.6	23.4



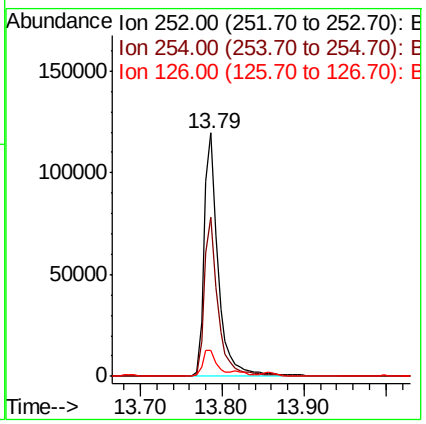


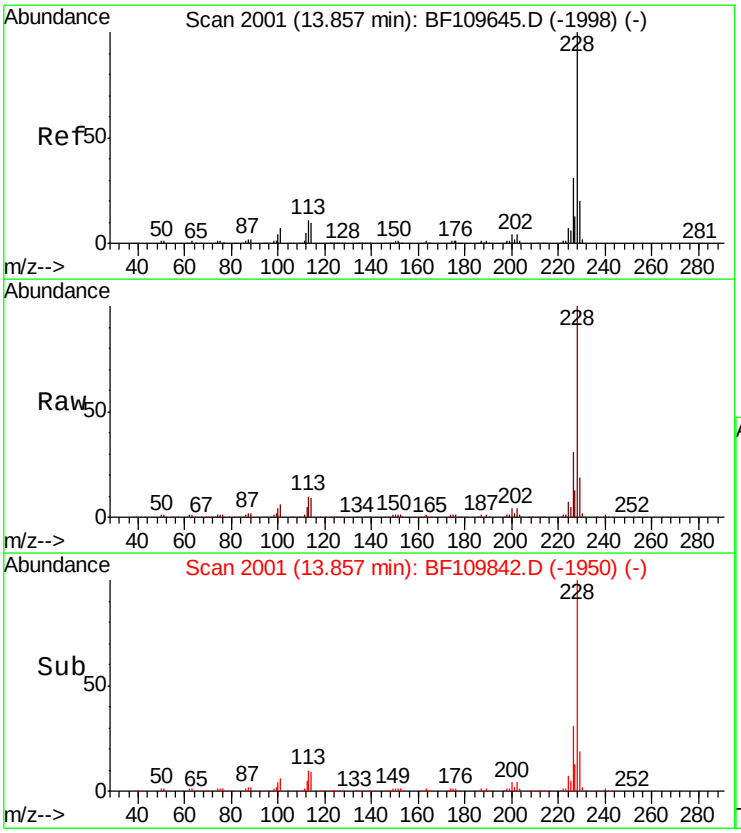
#81
3,3'-Dichlorobenzidine
Concen: 32.242 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:252 Resp: 143180

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.3	76.9
126	10.9	9.4	14.2

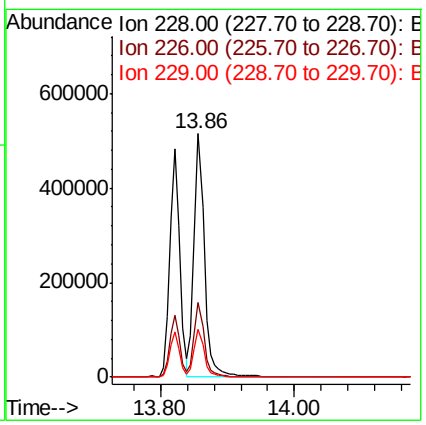


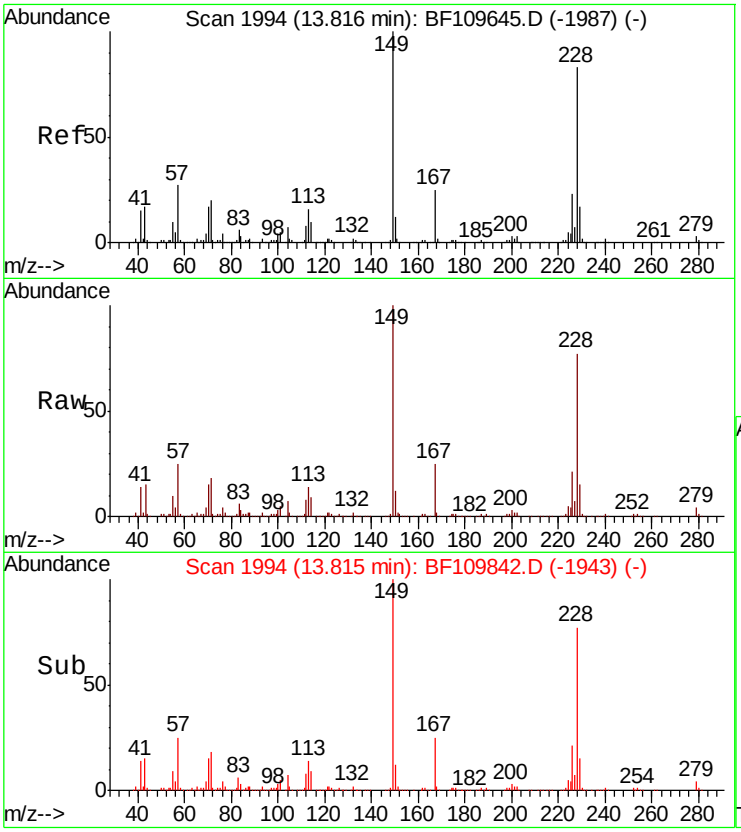


#82
Chrysene
Concen: 46.851 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:228 Resp: 542734

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.5	15.9	23.9



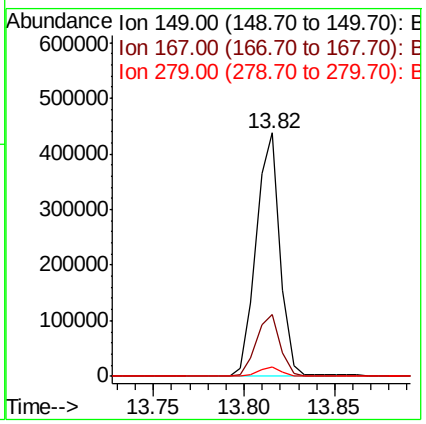


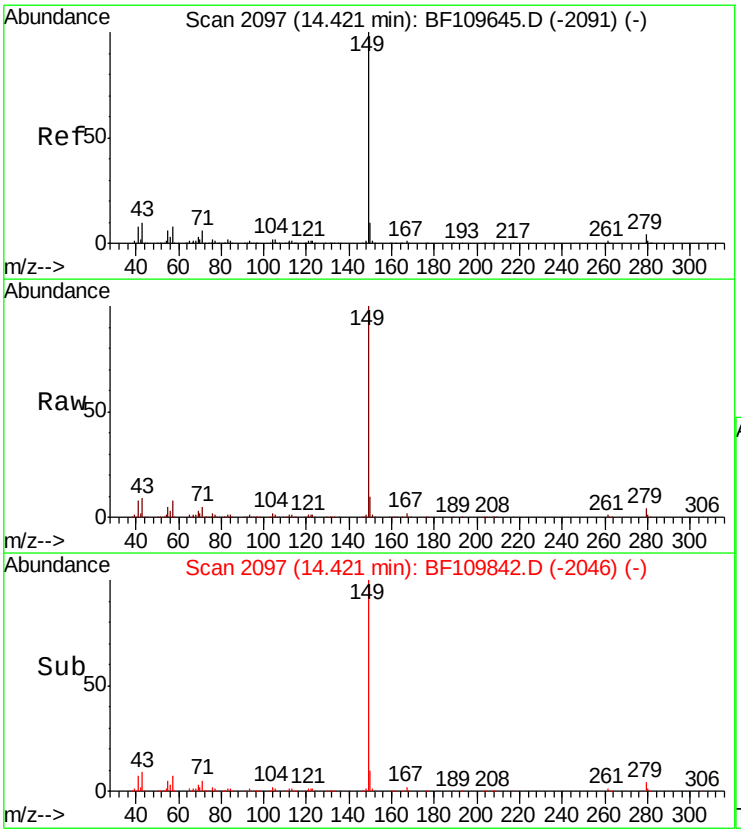
#83
Bis(2-ethylhexyl)phthalate
Concen: 51.630 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:149 Resp: 399880

Ion	Ratio	Lower	Upper
149	100		
167	25.4	19.8	29.8
279	3.8	2.7	4.1

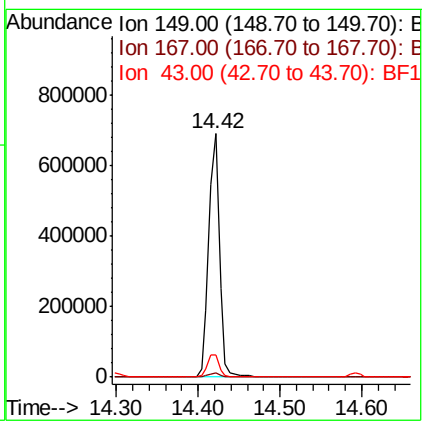


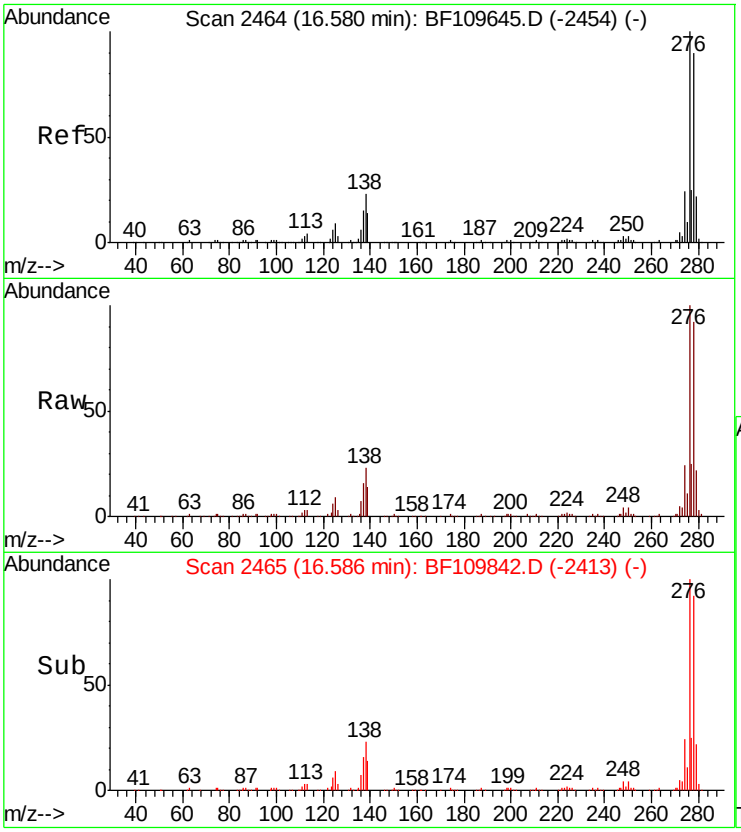


#84
Di-n-octyl phthalate
Concen: 51.796 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:149 Resp: 634096

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	9.7	7.8	11.8



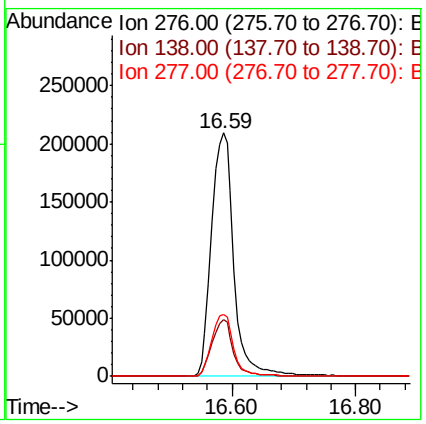


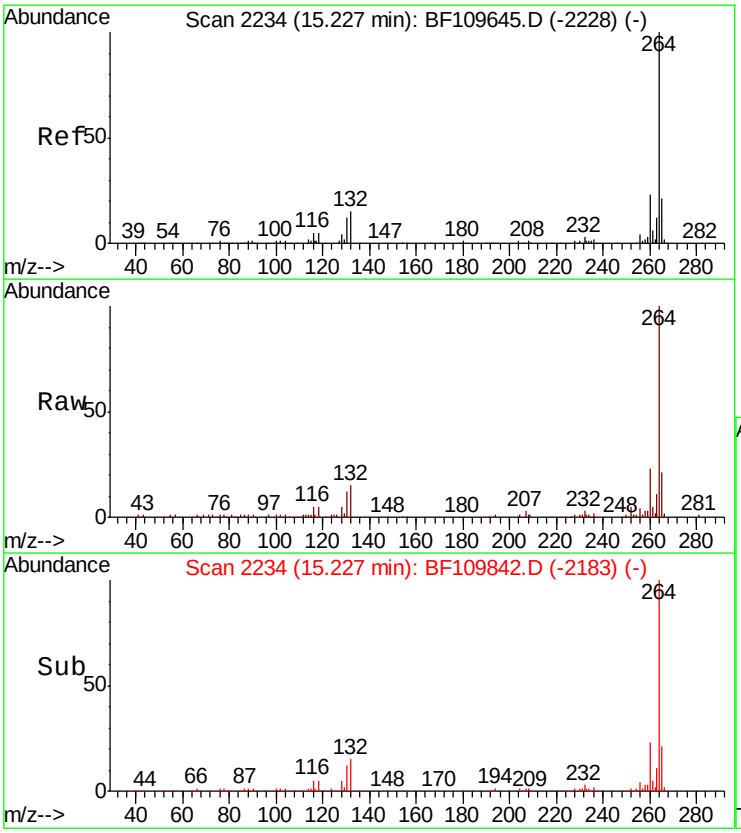
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.592 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:276 Resp: 527281

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.5	27.7
277	25.2	20.0	30.0

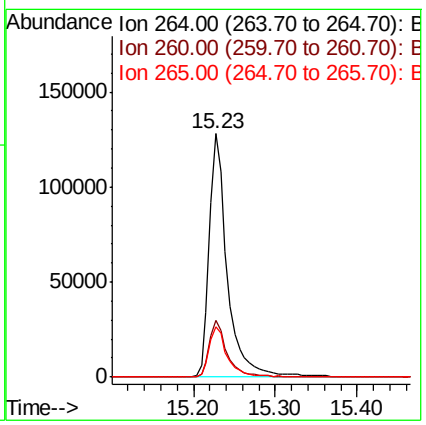


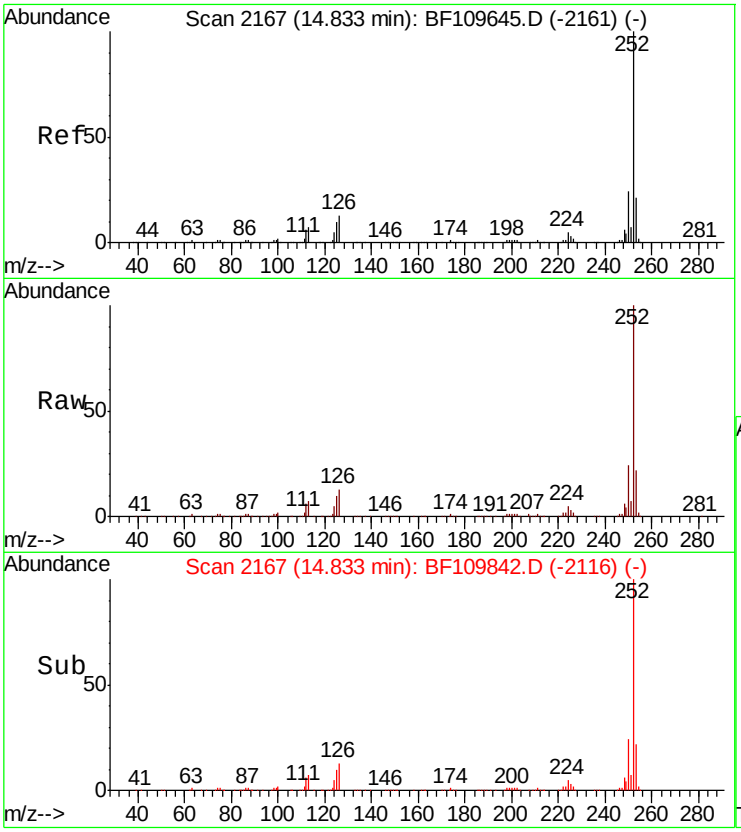


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:264 Resp: 196856

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.7	16.7	25.1



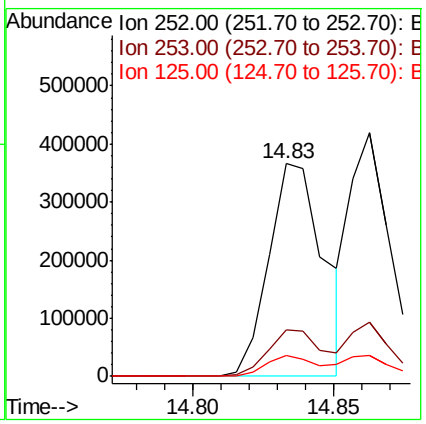


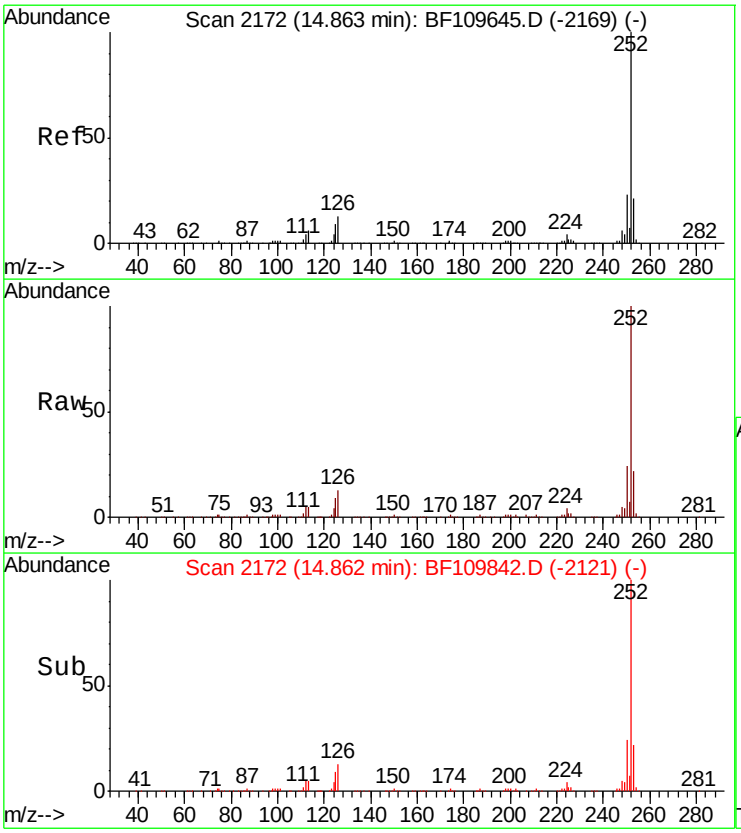
#87
Benzo(b)fluoranthene
Concen: 45.398 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:252 Resp: 493865

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.6	8.2	12.4

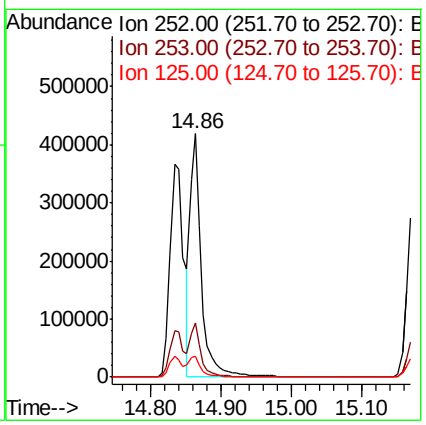


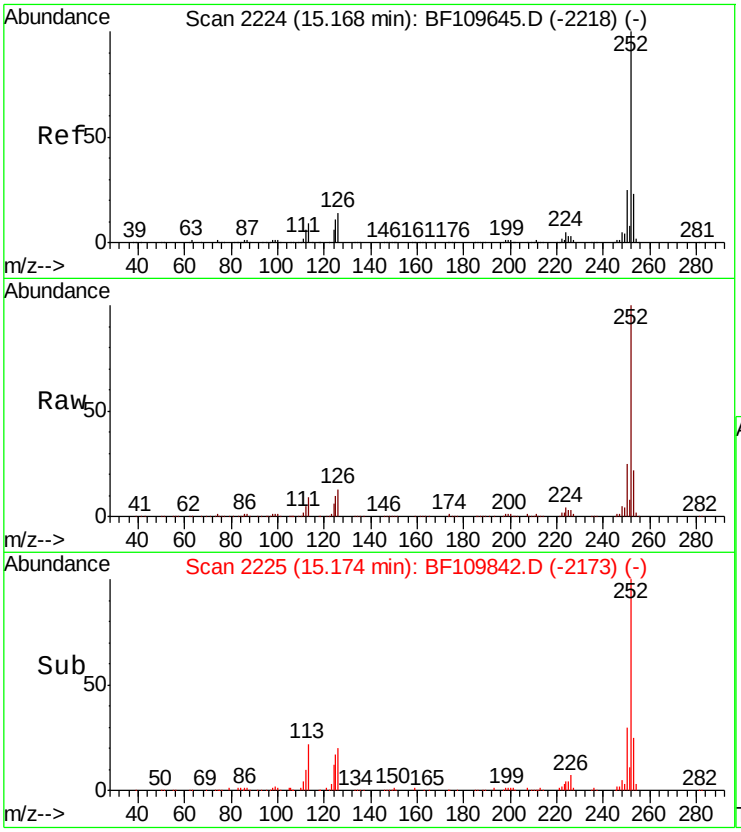


#88
Benzo(k)fluoranthene
Concen: 42.711 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:252 Resp: 466847

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.5	7.4	11.0



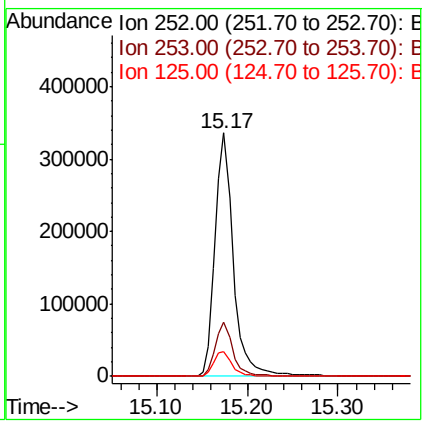


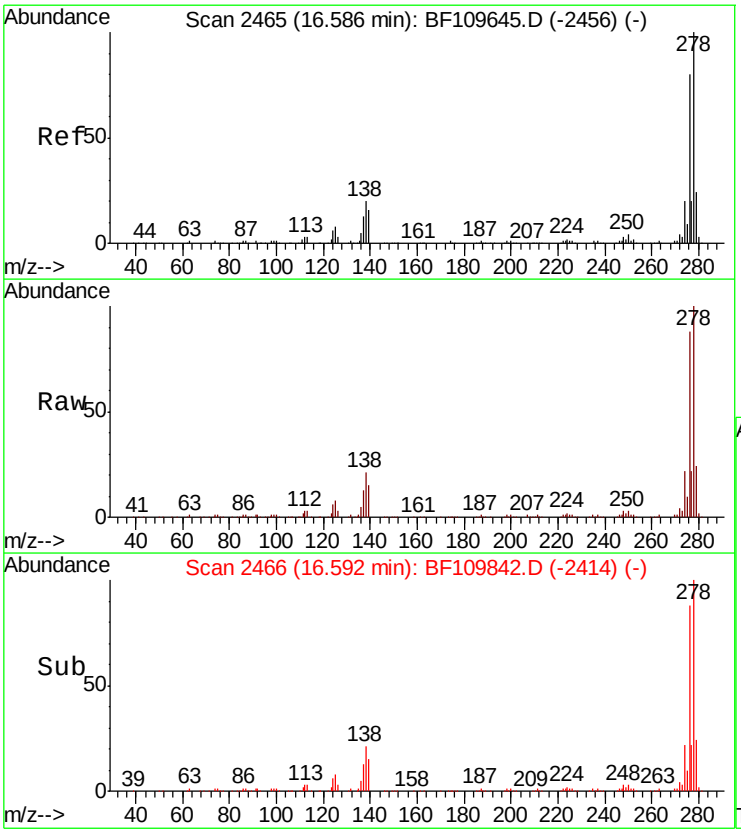
#89
Benzo(a)pyrene
Concen: 47.291 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:252 Resp: 466863

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.2	9.0	13.6

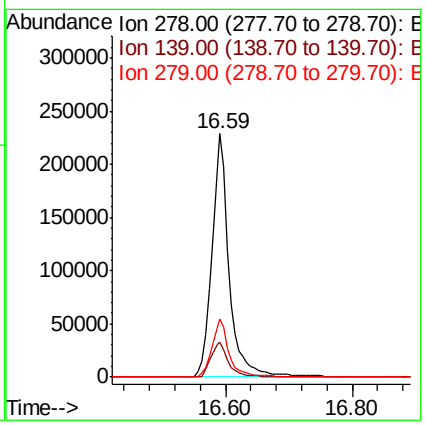


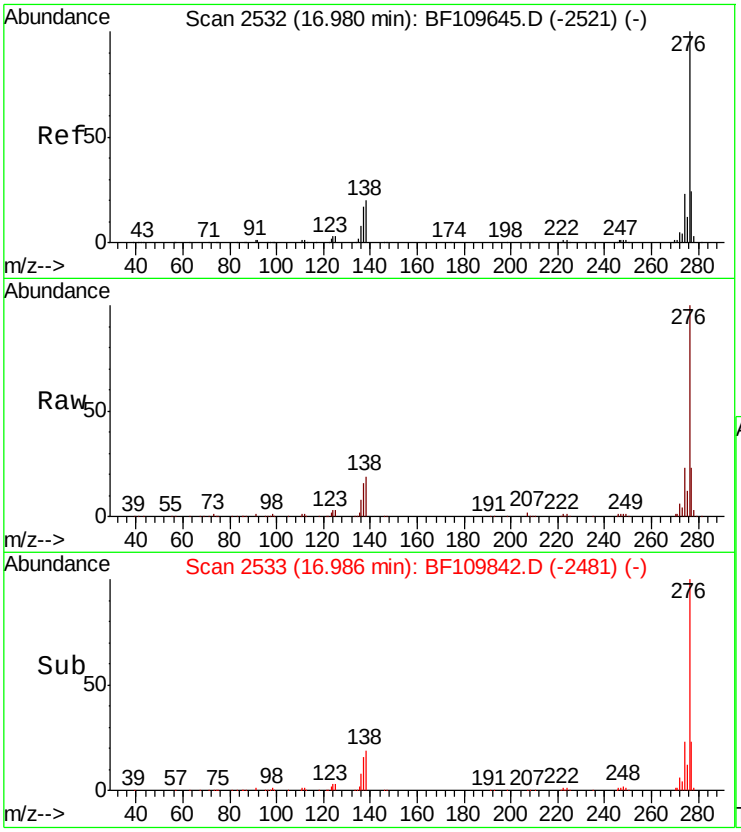


#90
Dibenzo(a,h)anthracene
Concen: 54.607 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Tgt Ion:278 Resp: 442738

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.7	19.1
279	24.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 53.607 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109842.D
Acq: 12 Oct 2018 19:07

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Tgt Ion:276 Resp: 434014

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.1	16.0	24.0