Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116201.D
Acq On : 12 Aug 2019 20:58
Operator : HP/JU
Sample : K4085-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-080919-AMSD

Quant Time: Aug 13 01:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116854	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	464460	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	258940	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	481954	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	386041	20.00	ng		0.00
87) Perylene-d12	15.46	264	388242	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	884333	126.69	ng		0.00
7) Phenol-d6	6.48	99	1058599	120.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	802431	99.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	352846	140.55	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1378766	99.73	ng		-0.01
79) Terphenyl-d14	12.94	244	1754730	95.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	134733	38.207	ng	#	85
3) Pyridine	3.45	79	239794	24.343	ng		98
4) n-Nitrosodimethylamine	3.36	42	154128	39.648	ng		99
6) Aniline	6.50	93	126270	10.012	ng	#	67
8) 2-Chlorophenol	6.63	128	368252	47.709	ng		100
9) Benzaldehyde	6.39	77	168343	27.703	ng		99
10) Phenol	6.49	94	391282	37.729	ng		78
11) bis(2-Chloroethyl)ether	6.57	93	362138	47.495	ng		97
12) 1,3-Dichlorobenzene	6.77	146	394814	44.259	ng		99
13) 1,4-Dichlorobenzene	6.85	146	404498	45.287	ng		98
14) 1,2-Dichlorobenzene	7.00	146	374085	45.485	ng		99
15) Benzyl Alcohol	6.98	79	307724	46.043	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476796	45.845	ng		90
17) 2-Methylphenol	7.10	107	305441	46.733	ng		95
18) Hexachloroethane	7.34	117	147869	44.966	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	263051	48.201	ng		98
20) 3+4-Methylphenols	7.25	107	380053	49.138	ng		94
22) Acetophenone	7.25	105	515320	50.590	ng		95
24) Nitrobenzene	7.42	77	417342	48.036	ng		98
25) Isophorone	7.66	82	766732	49.834	ng		99
26) 2-Nitrophenol	7.73	139	206781	50.490	ng		100
27) 2,4-Dimethylphenol	7.77	122	337799	54.824	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	469262	49.208	ng		100
29) 2,4-Dichlorophenol	7.98	162	333325	51.235	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	348399	46.980	ng		99
31) Naphthalene	8.13	128	1089748	49.859	ng		99
32) Benzoic acid	7.93	122	160430	36.931	ng		100
33) 4-Chloroaniline	8.20	127	85215	8.726	ng		98
34) Hexachlorobutadiene	8.25	225	196593	46.024	ng		100
35) Caprolactam	8.57	113	29708	14.119	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	342223	50.564	ng		100
37) 2-Methylnaphthalene	8.83	142	733513	50.958	ng		99
38) 1-Methylnaphthalene	8.93	142	689549	50.636	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	338233	48.860	ng		100

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116201.D
Acq On : 12 Aug 2019 20:58
Operator : HP/JU
Sample : K4085-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-05-080919-AMSD

Quant Time: Aug 13 01:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	178738	59.179 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	220061	46.184 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	232771	47.259 ng	98
46) 1,1'-Biphenyl	9.29	154	906407	49.582 ng	98
47) 2-Chloronaphthalene	9.32	162	714229	46.942 ng	99
48) 2-Nitroaniline	9.42	65	225055	44.750 ng	97
49) Acenaphthylene	9.73	152	1077556	48.544 ng	99
50) Dimethylphthalate	9.59	163	842309	47.775 ng	100
51) 2,6-Dinitrotoluene	9.66	165	188324	49.151 ng	98
52) Acenaphthene	9.90	154	651252	47.823 ng	99
53) 3-Nitroaniline	9.83	138	84364	17.820 ng	98
54) 2,4-Dinitrophenol	9.95	184	145355	75.117 ng	97
55) Dibenzofuran	10.08	168	931137	47.018 ng	100
56) 4-Nitrophenol	10.01	139	232261	76.583 ng	96
57) 2,4-Dinitrotoluene	10.07	165	237780	46.611 ng	96
58) Fluorene	10.42	166	761302	49.965 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	210289	50.747 ng	99
60) Diethylphthalate	10.29	149	826104	50.186 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	379538	49.184 ng	99
62) 4-Nitroaniline	10.45	138	209081	42.734 ng	99
63) Azobenzene	10.57	77	845045	49.912 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	117383	45.960 ng	89
66) n-Nitrosodiphenylamine	10.53	169	682800	47.069 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240052	46.528 ng	99
68) Hexachlorobenzene	10.97	284	272366	45.654 ng	98
69) Atrazine	11.06	200	227871	47.749 ng	98
70) Pentachlorophenol	11.17	266	257419	88.874 ng	97
71) Phenanthrene	11.39	178	1153316	46.809 ng	100
72) Anthracene	11.44	178	1203819	48.278 ng	99
73) Carbazole	11.59	167	1127092	49.822 ng	100
74) Di-n-butylphthalate	11.91	149	1410465	53.447 ng	99
75) Fluoranthene	12.57	202	1304832	50.586 ng	98
77) Benzidine	12.70	184	95278	7.305 ng	98
78) Pyrene	12.80	202	1322413	45.443 ng	99
80) Butylbenzylphthalate	13.41	149	634422	51.539 ng	99
81) Benzo(a)anthracene	13.99	228	1153990	46.769 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	159748	18.635 ng	98
83) Chrysene	14.03	228	1124350	46.936 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	922205	57.652 ng	99
85) Di-n-octyl phthalate	14.57	149	1503259	59.165 ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1019210	50.657 ng	99
88) Benzo(b)fluoranthene	15.04	252	1102452	49.110 ng	98
89) Benzo(k)fluoranthene	15.07	252	951147	43.500 ng	98
90) Benzo(a)pyrene	15.41	252	976336	48.653 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	867213	49.925 ng	99
92) Benzo(g,h,i)perylene	17.39	276	853856	50.052 ng	97

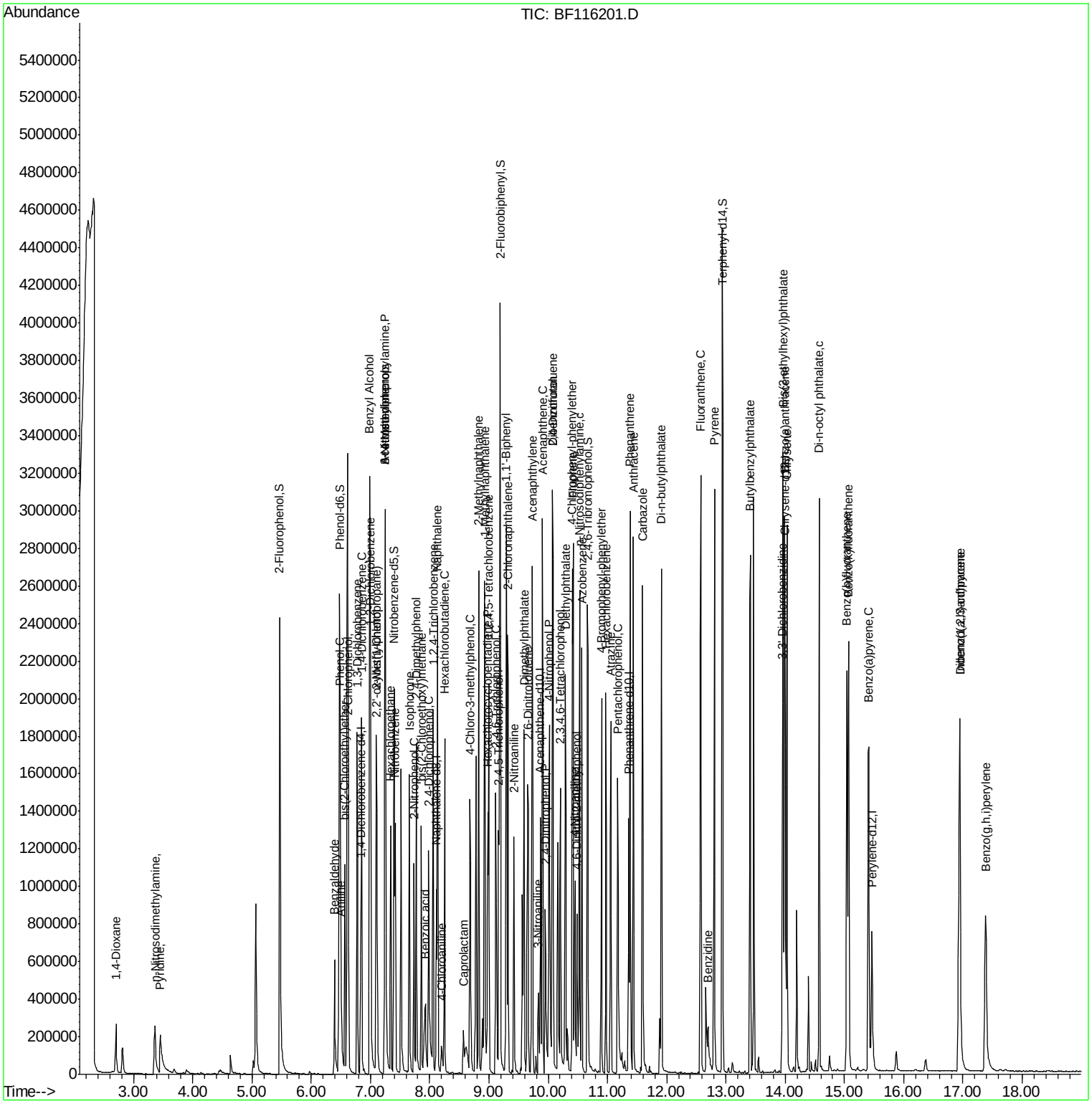
(#) = qualifier out of range (m) = manual integration (+) = signals summed

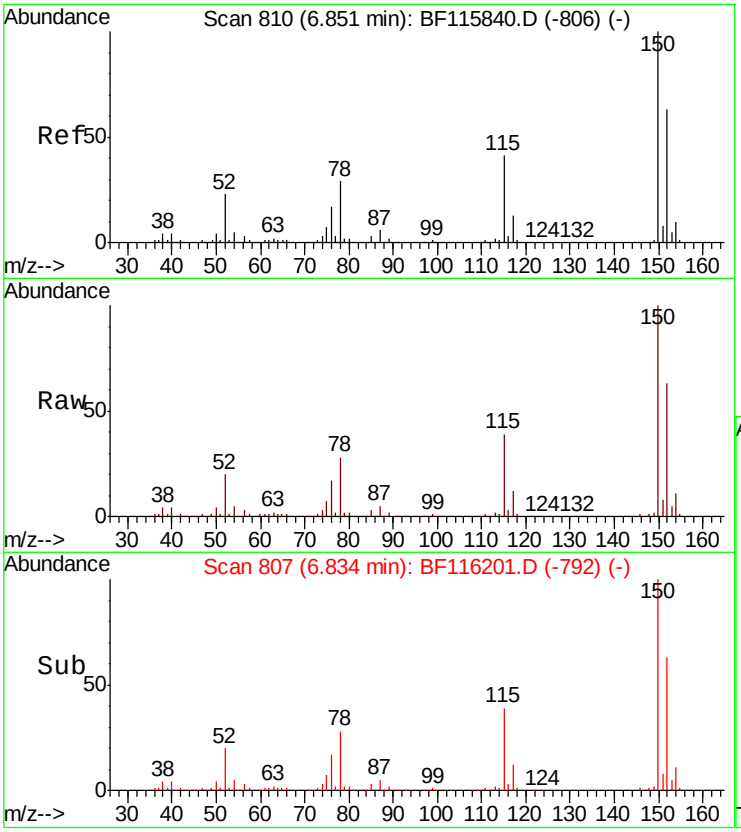
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116201.D
Acq On : 12 Aug 2019 20:58
Operator : HP/JU
Sample : K4085-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Quant Time: Aug 13 01:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



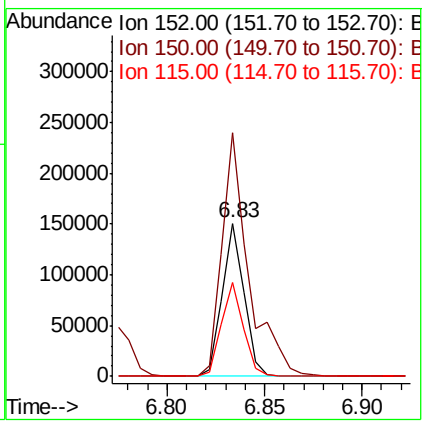


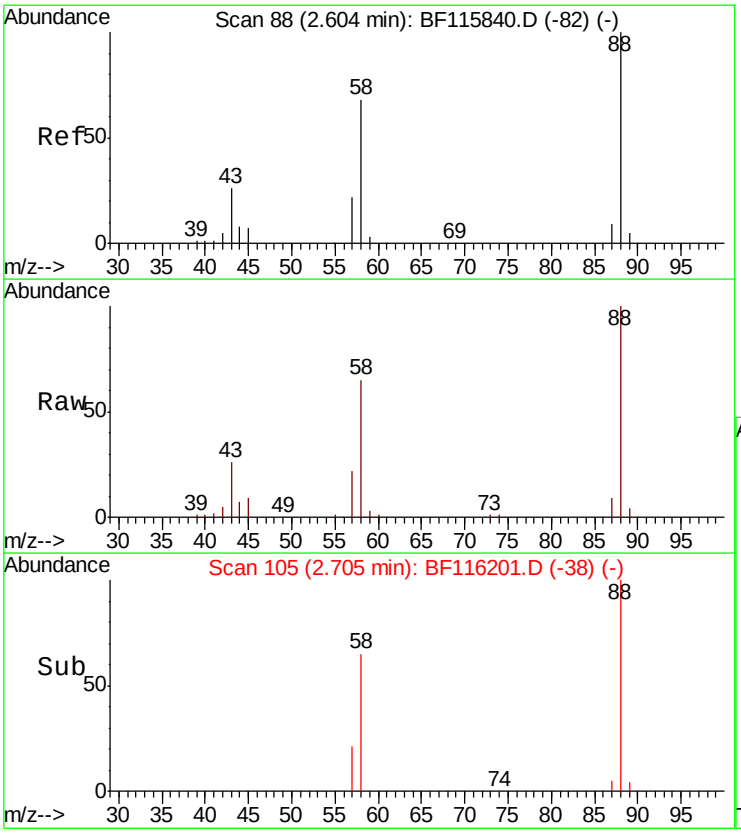
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:152 Resp: 116854

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	61.6	49.9	74.9

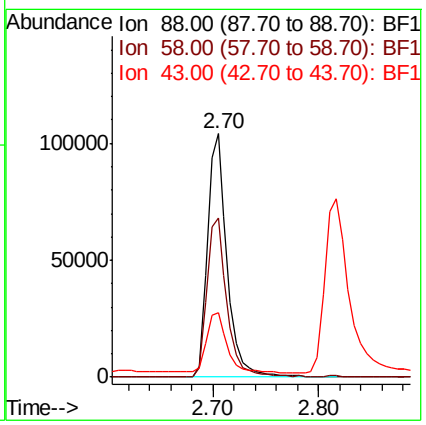


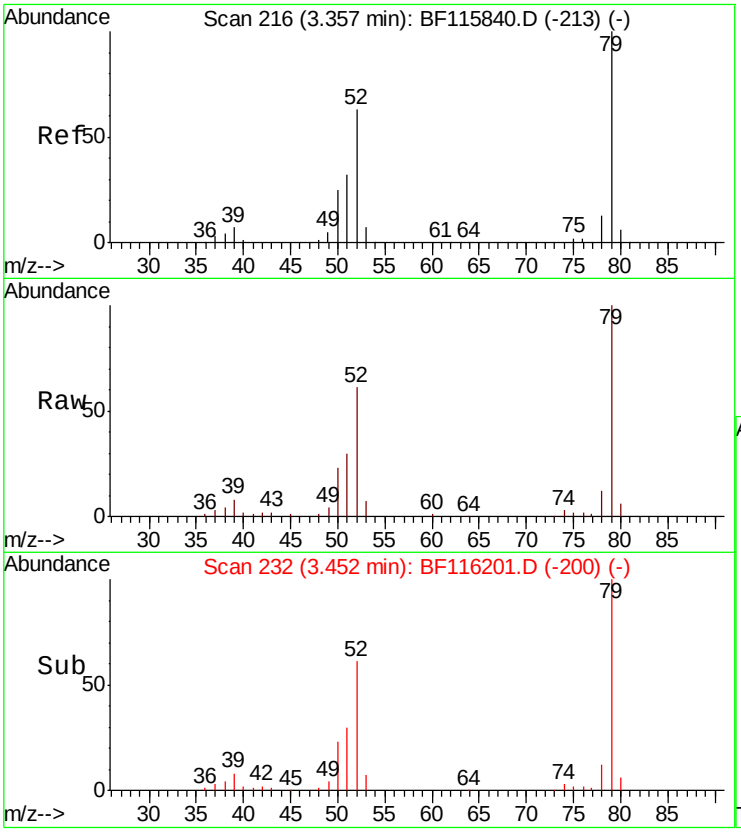


#2
1,4-Dioxane
Concen: 38.207 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.09 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 88 Resp: 134733

Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.7	80.5
43	0.0	21.0	31.4#



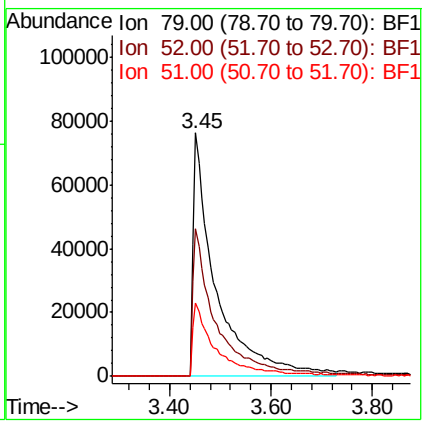


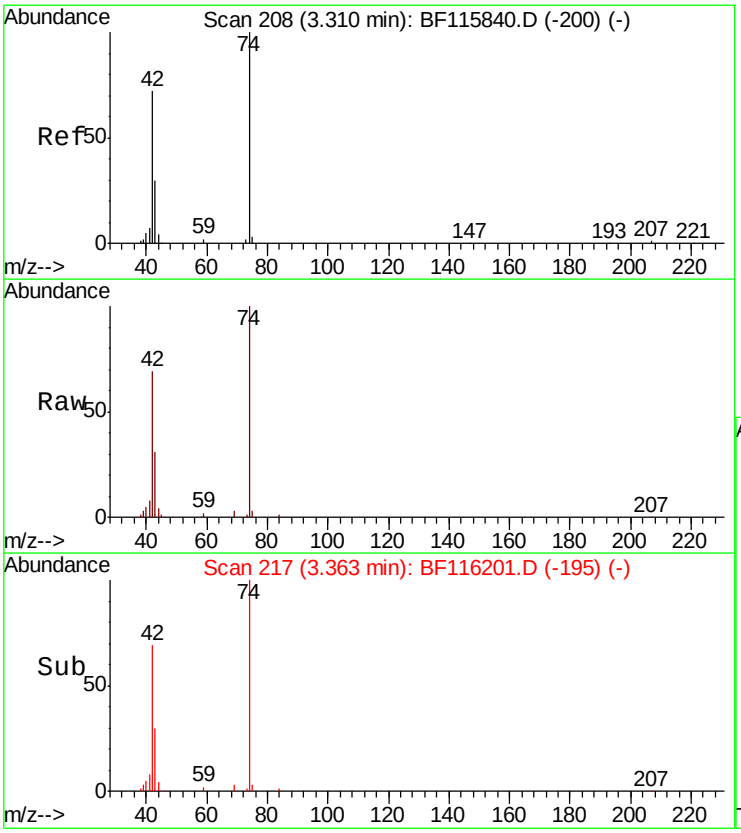
#3
Pyridine
Concen: 24.343 ng
RT: 3.45 min Scan# 232
Delta R.T. 0.09 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 79 Resp: 239794

Ion	Ratio	Lower	Upper
79	100		
52	60.8	49.8	74.8
51	30.2	25.2	37.8

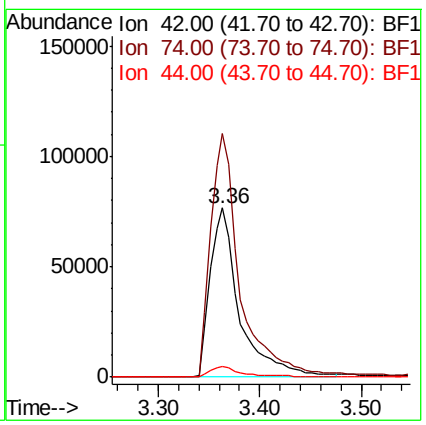


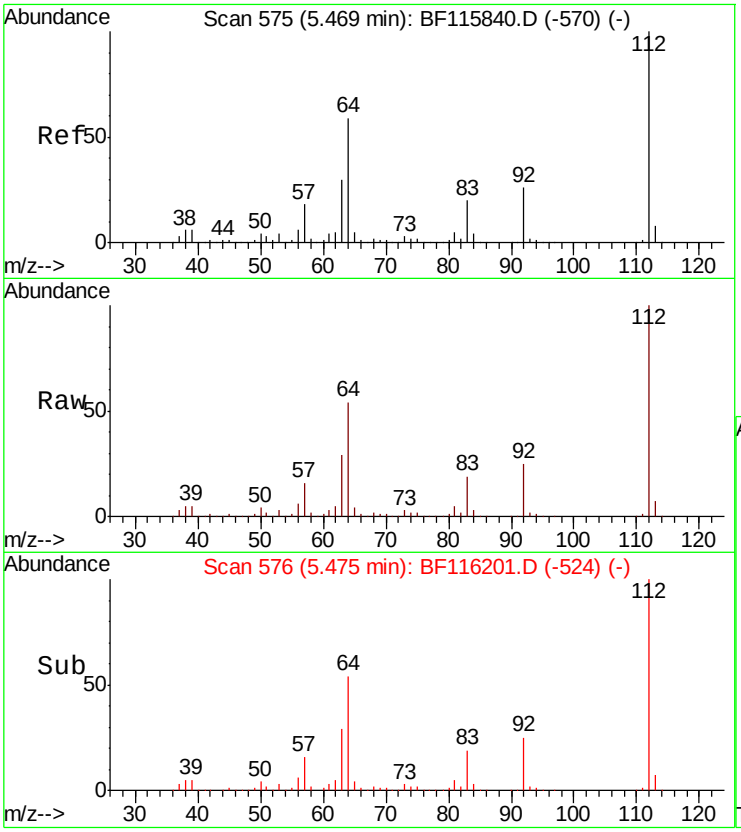


#4
n-Nitrosodimethylamine
Concen: 39.648 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.03 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 42 Resp: 154128

Ion	Ratio	Lower	Upper
42	100		
74	144.1	116.0	174.0
44	6.3	4.6	7.0



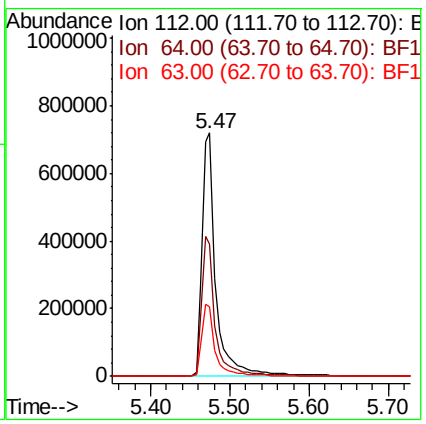


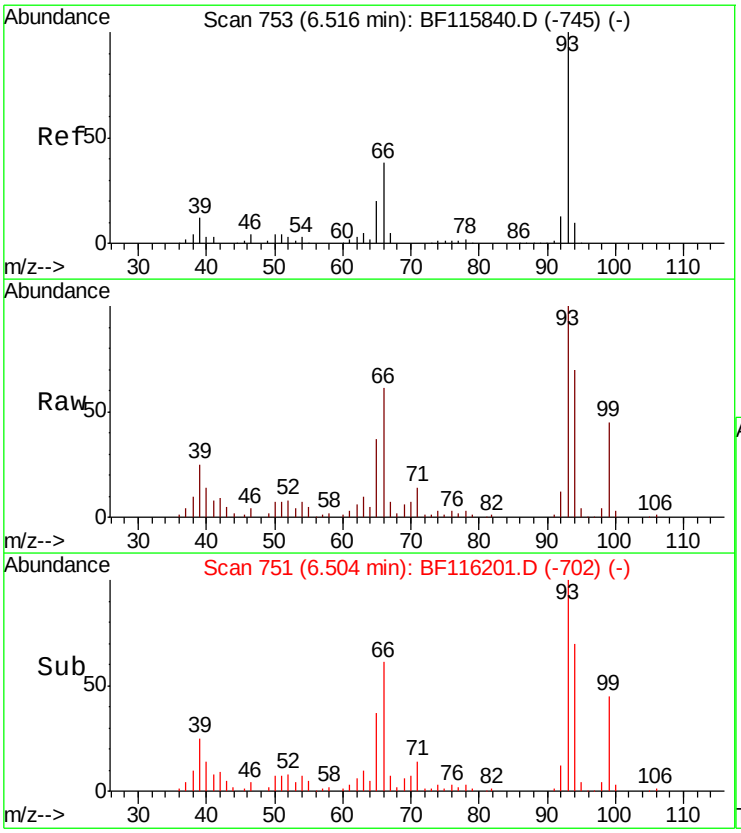
#5
2-Fluorophenol
Concen: 126.690 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:112 Resp: 884333

Ion	Ratio	Lower	Upper
112	100		
64	54.5	45.4	68.2
63	28.7	23.7	35.5

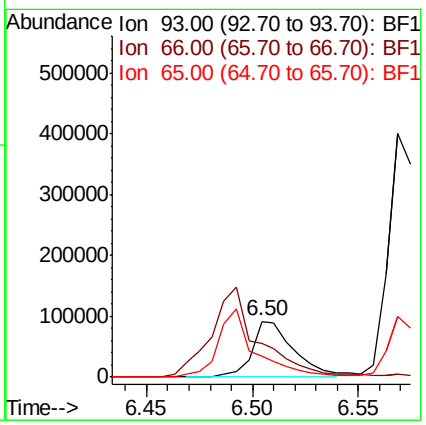


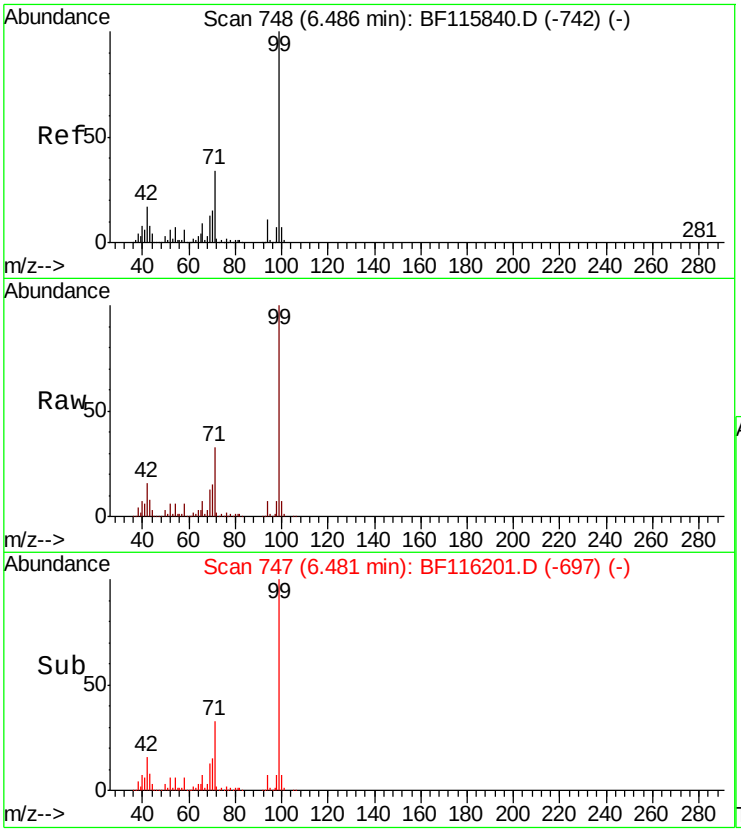


#6
Aniline
Concen: 10.012 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 93 Resp: 126270

Ion	Ratio	Lower	Upper
93	100		
66	61.1	32.2	48.4#
65	36.7	17.0	25.6#



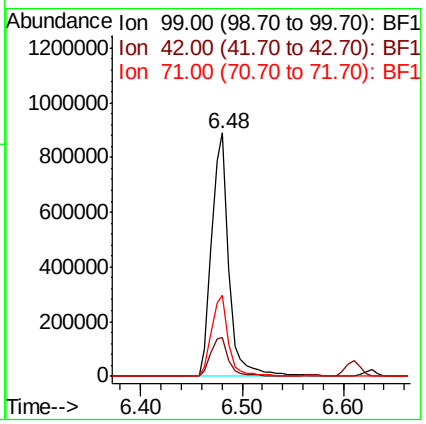


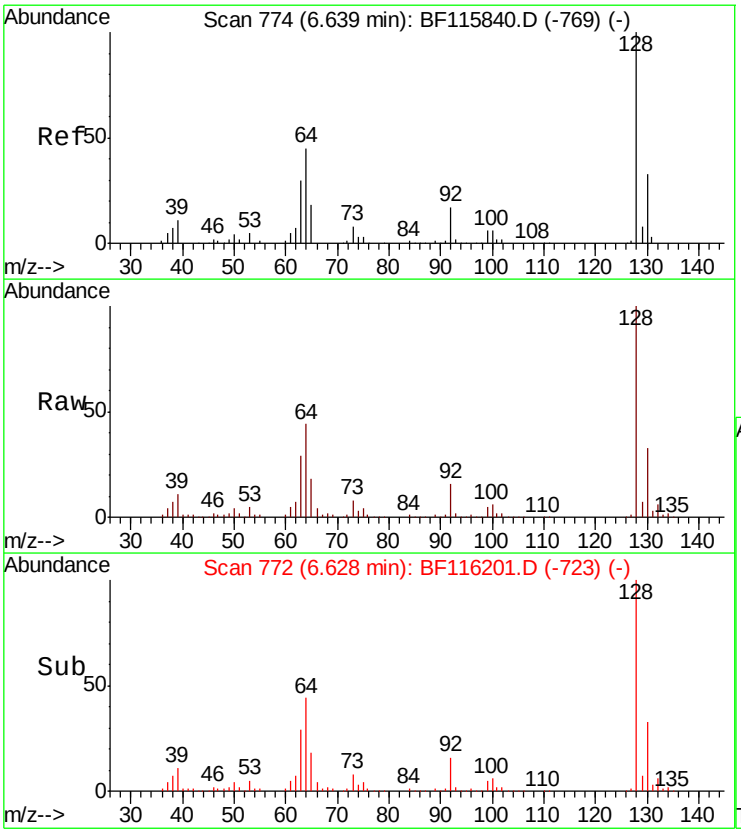
#7
Phenol-d6
Concen: 120.202 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 99 Resp: 1058599

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.8
71	33.4	27.3	40.9

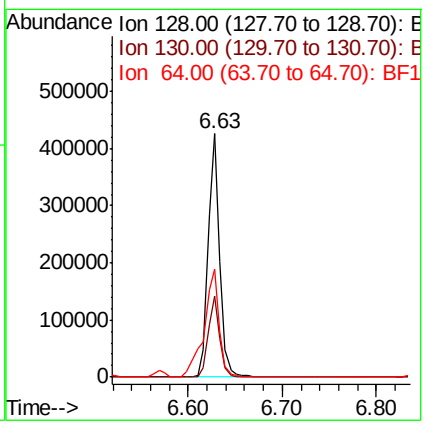


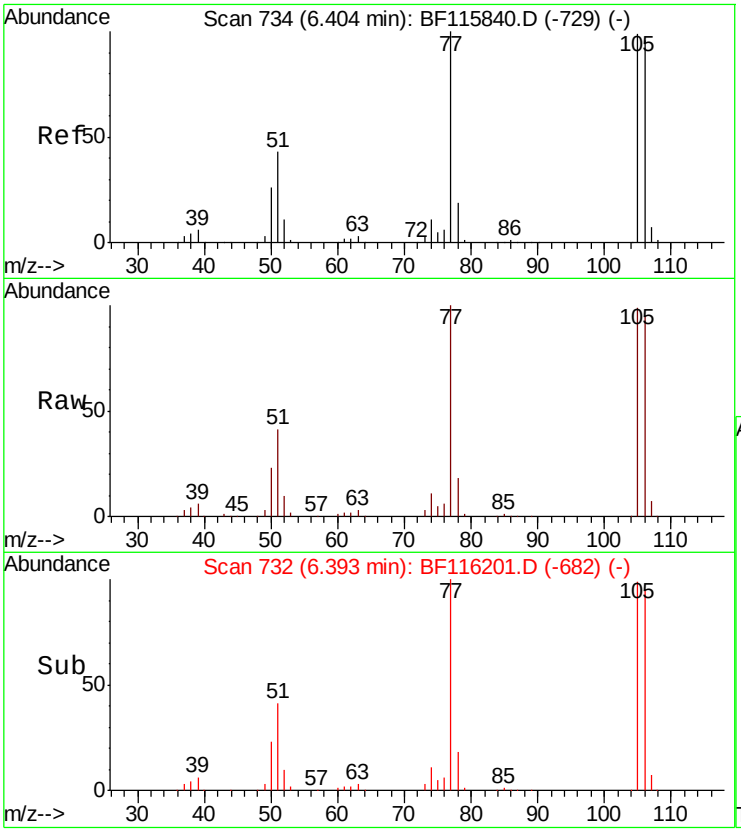


#8
2-Chlorophenol
Concen: 47.709 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:128 Resp: 368252

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	44.5	24.3	64.3



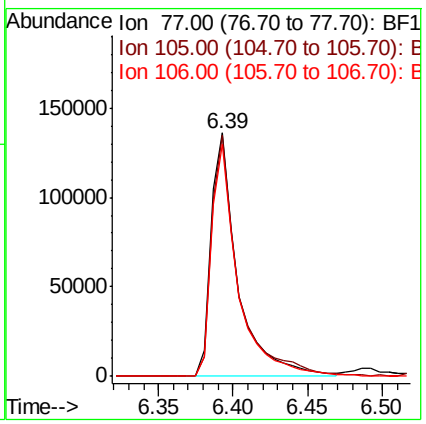


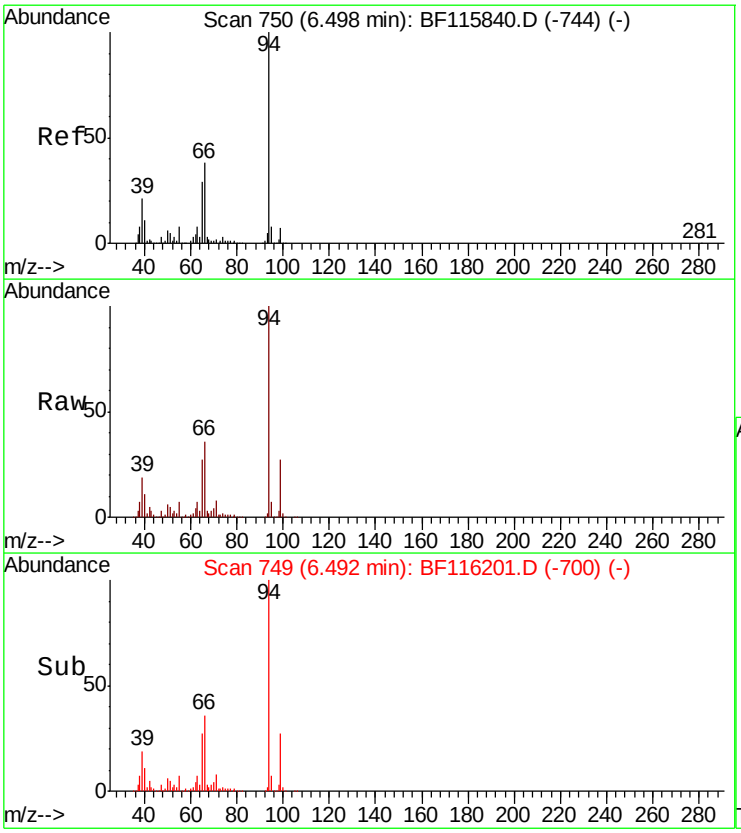
#9
Benzaldehyde
Concen: 27.703 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 77 Resp: 168343

Ion	Ratio	Lower	Upper
77	100		
105	99.0	79.2	119.2
106	95.3	74.3	114.3

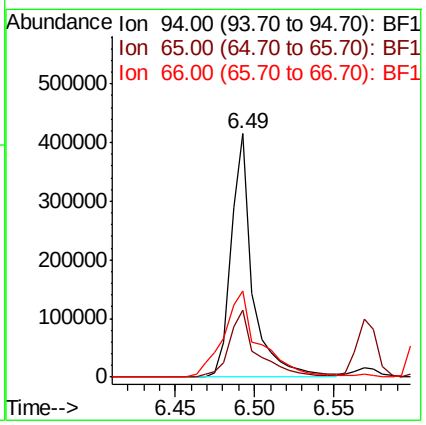


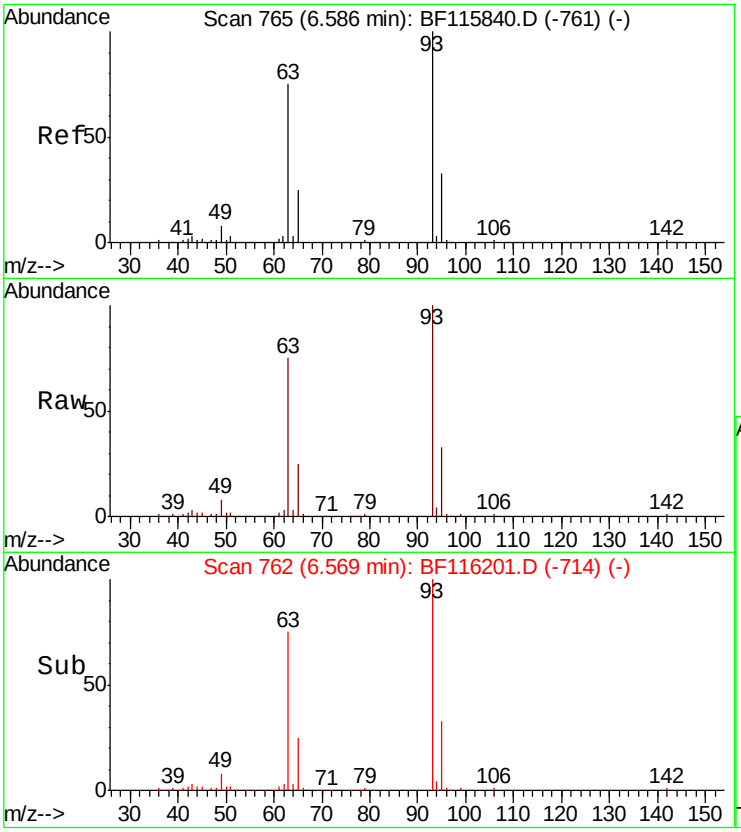


#10
Phenol
Concen: 37.729 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 94 Resp: 391282

Ion	Ratio	Lower	Upper
94	100		
65	27.3	16.8	56.8
66	35.5	34.2	74.2



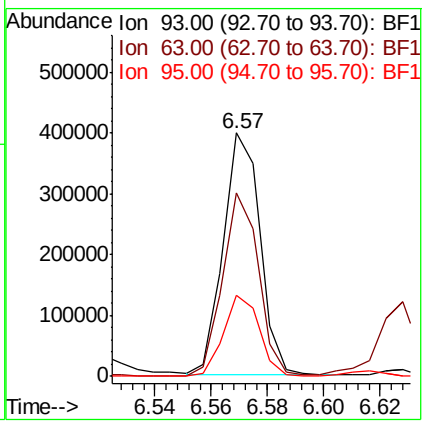


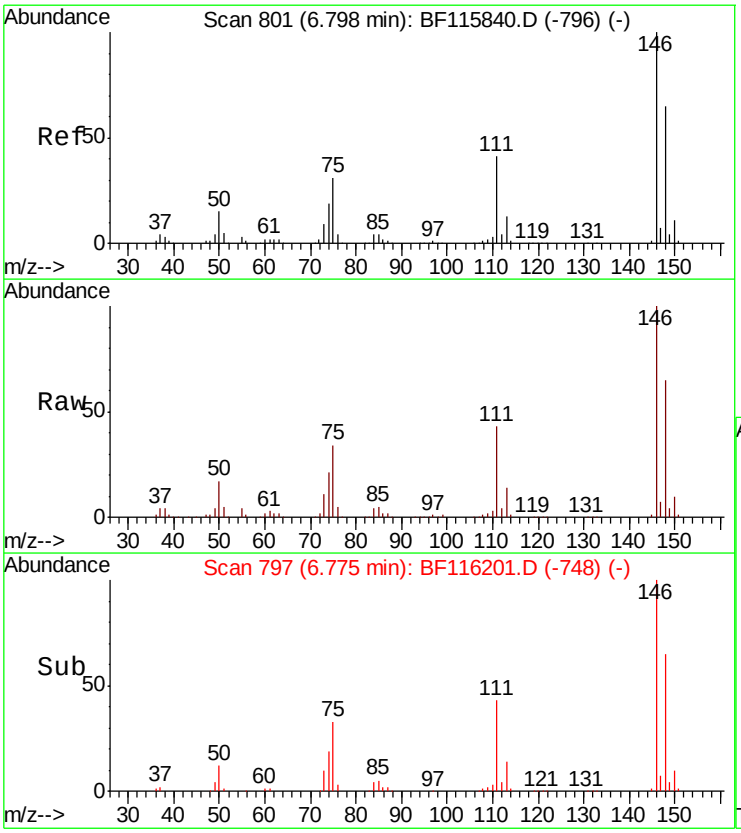
#11
bis(2-Chloroethyl)ether
Concen: 47.495 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 93 Resp: 362138

Ion	Ratio	Lower	Upper
93	100		
63	75.2	51.9	91.9
95	33.2	13.0	53.0

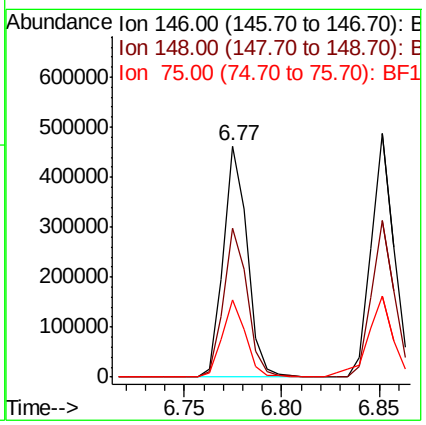


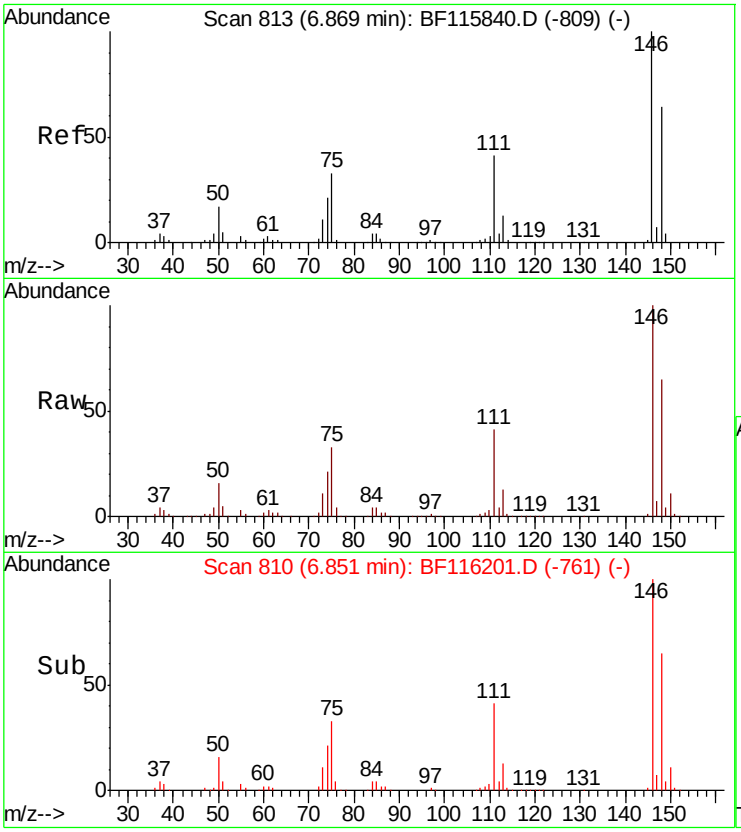


#12
1,3-Dichlorobenzene
Concen: 44.259 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:146 Resp: 394814

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
75	33.5	27.4	41.2



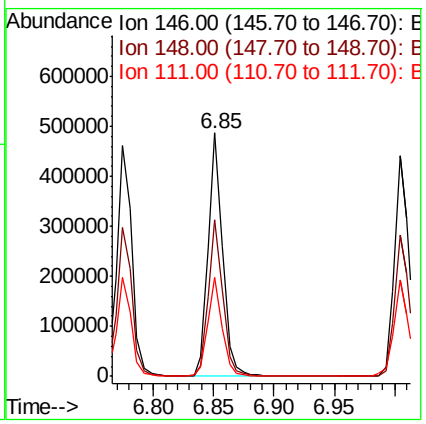


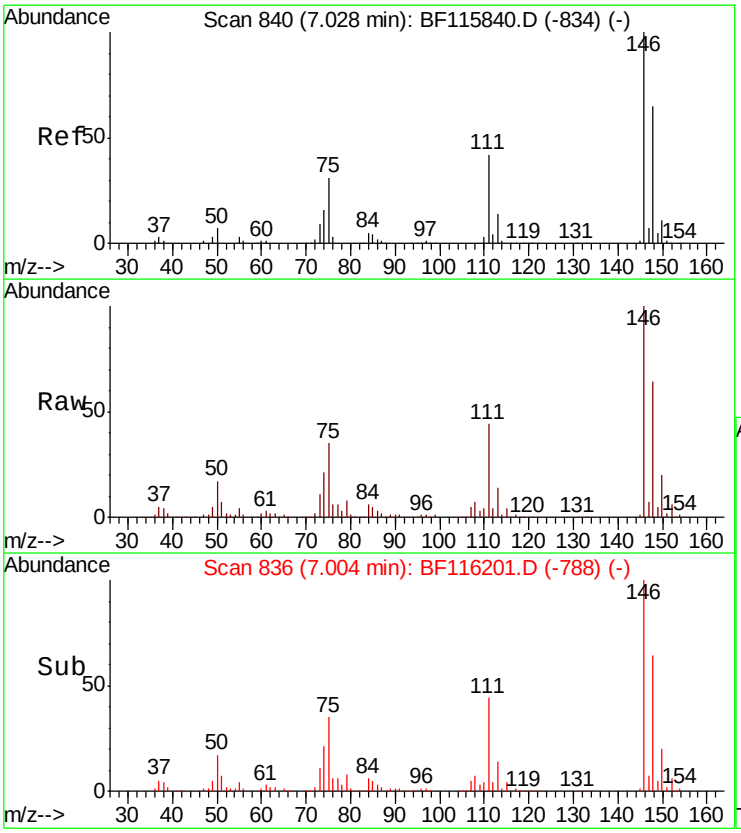
#13
1,4-Dichlorobenzene
Concen: 45.287 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:146 Resp: 404498

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.3	76.9
111	40.6	34.0	51.0

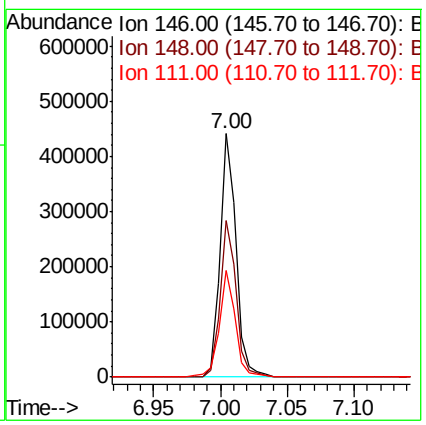


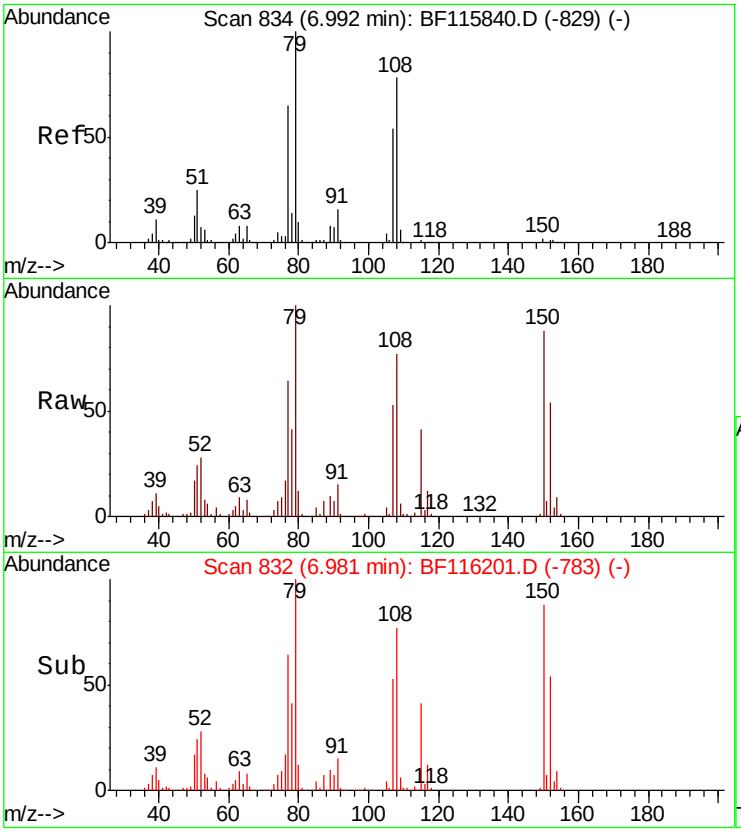


#14
1,2-Dichlorobenzene
Concen: 45.485 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:146 Resp: 374085

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	43.8	33.5	50.3



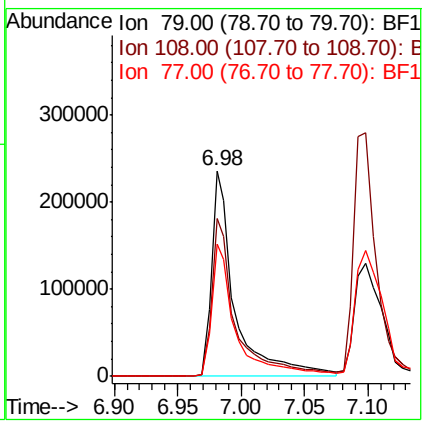


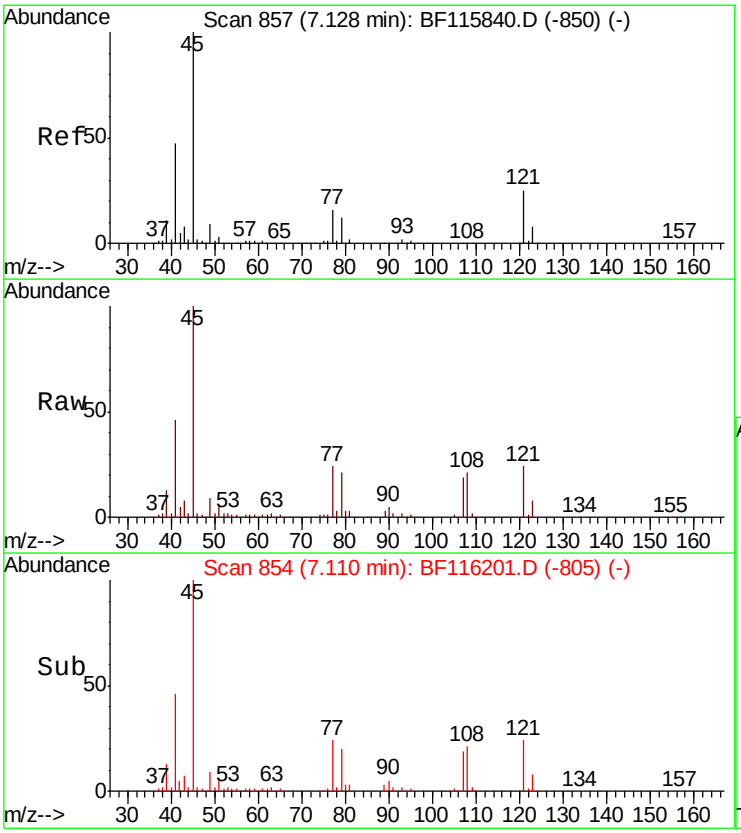
#15
Benzyl Alcohol
Concen: 46.043 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 79 Resp: 307724

Ion	Ratio	Lower	Upper
79	100		
108	76.7	62.7	94.1
77	64.2	52.2	78.2

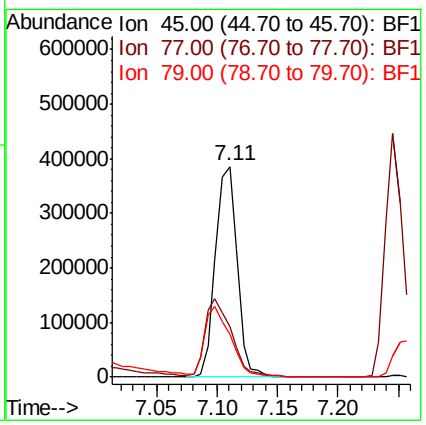


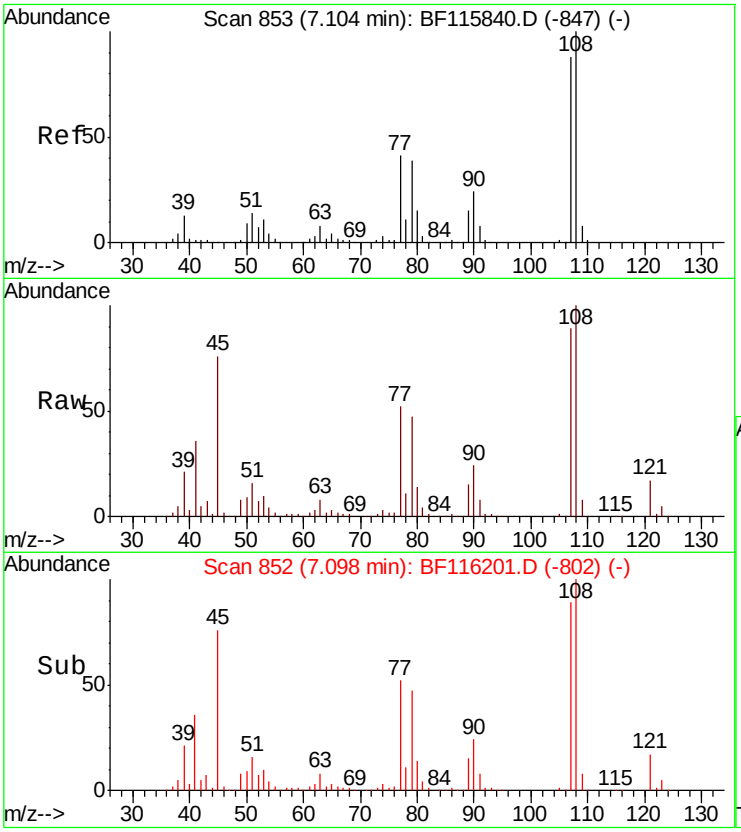


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.845 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 45 Resp: 476796

Ion	Ratio	Lower	Upper
45	100		
77	24.2	0.0	40.0
79	20.5	0.0	35.9



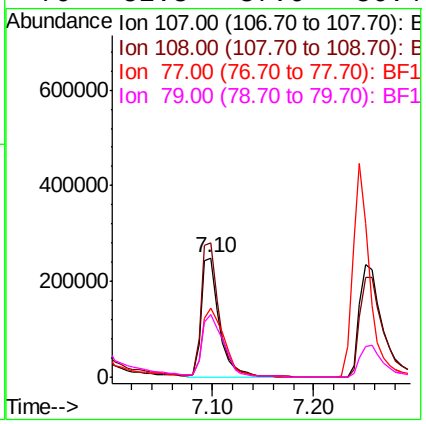


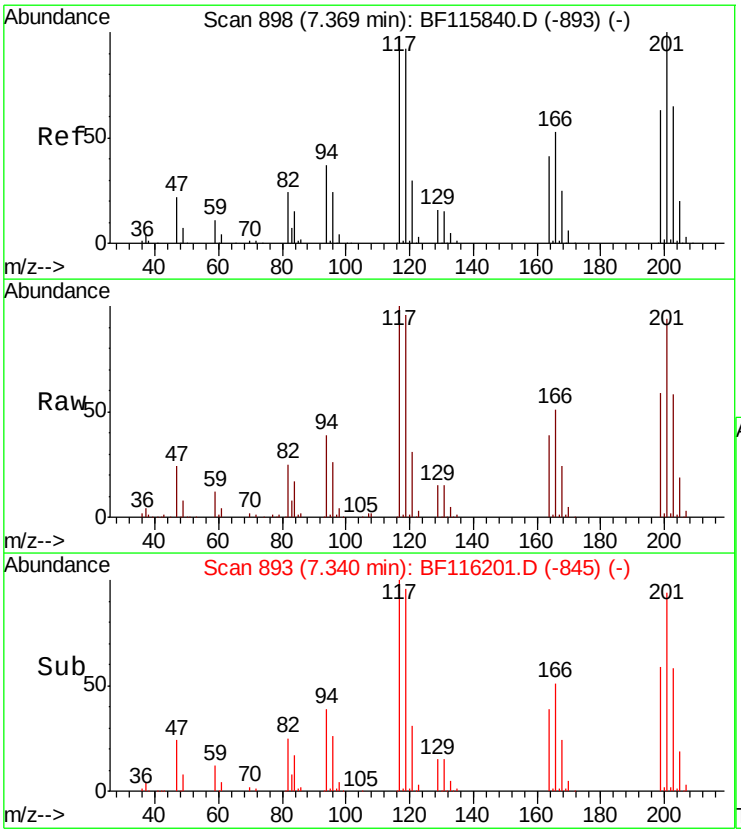
#17
2-Methylphenol
Concen: 46.733 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:107 Resp: 305441

Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.2	136.8
77	57.8	40.3	60.5
79	52.3	37.6	56.4

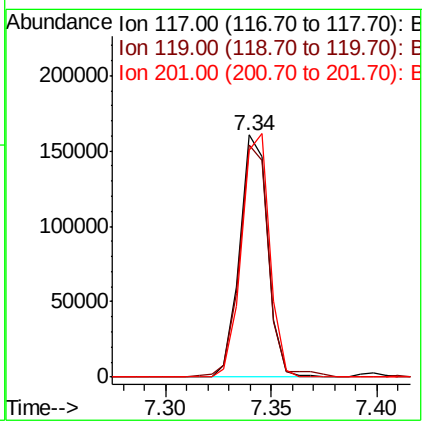


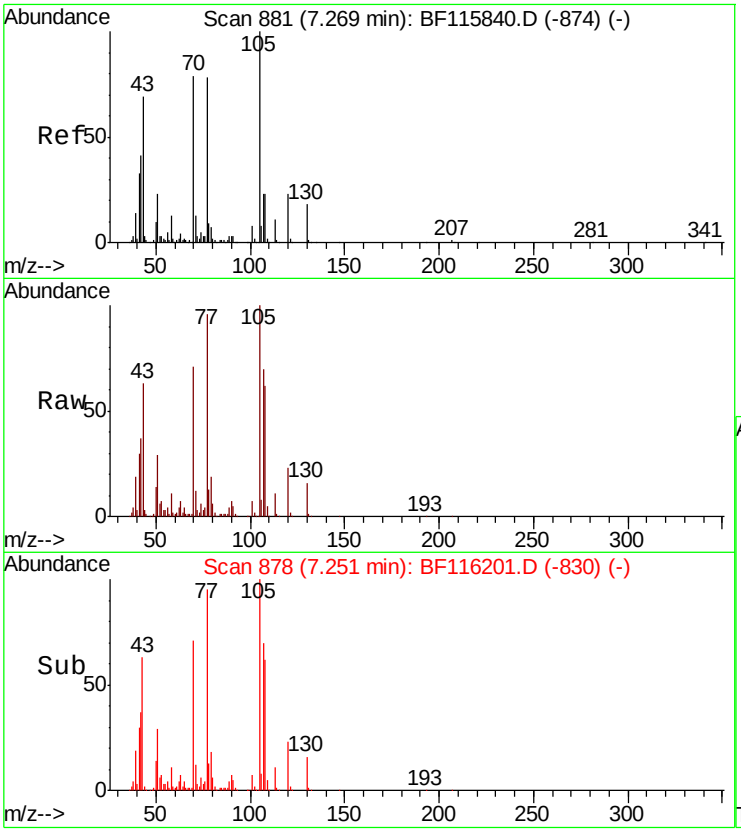


#18
Hexachloroethane
Concen: 44.966 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:117 Resp: 147869

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.1	114.1
201	93.7	77.0	115.4



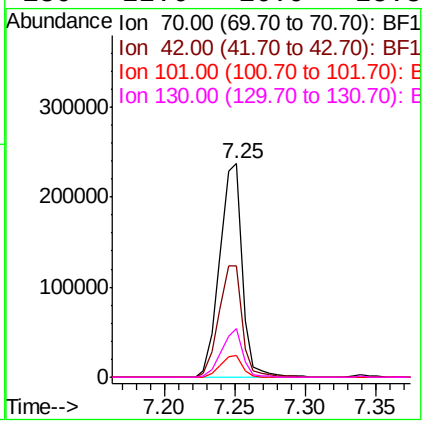


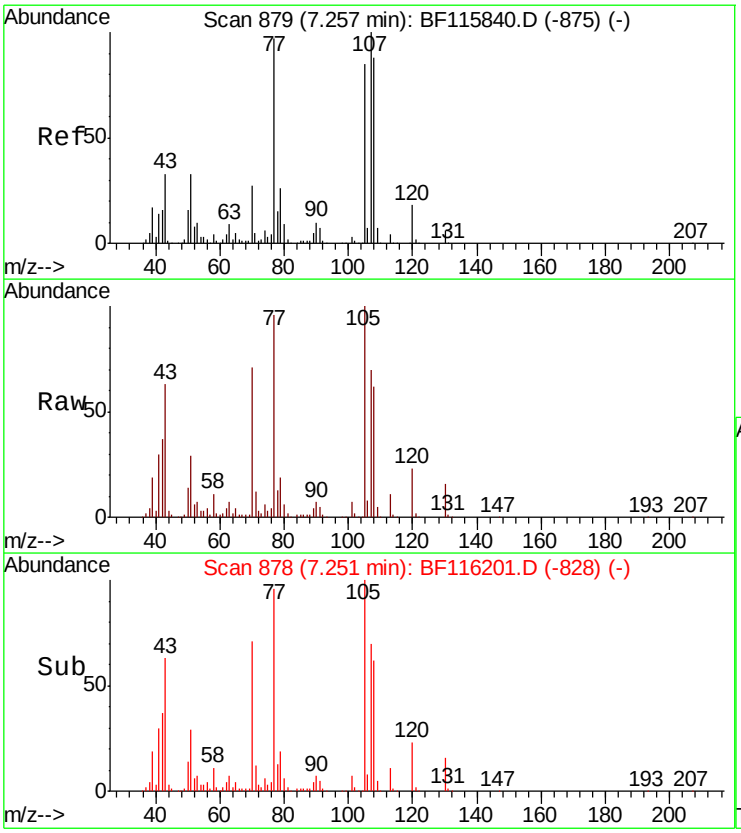
#19
n-Nitroso-di-n-propylamine
Concen: 48.201 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 70 Resp: 263051

Ion	Ratio	Lower	Upper
70	100		
42	52.2	40.9	61.3
101	10.2	7.9	11.9
130	22.6	16.9	25.3

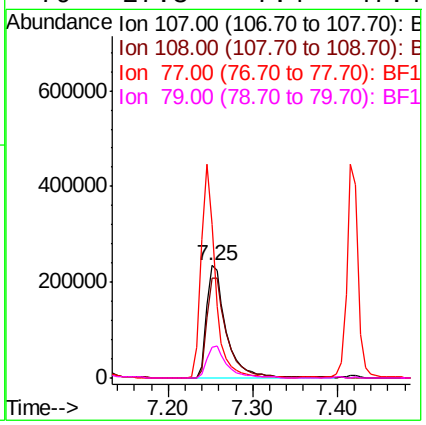


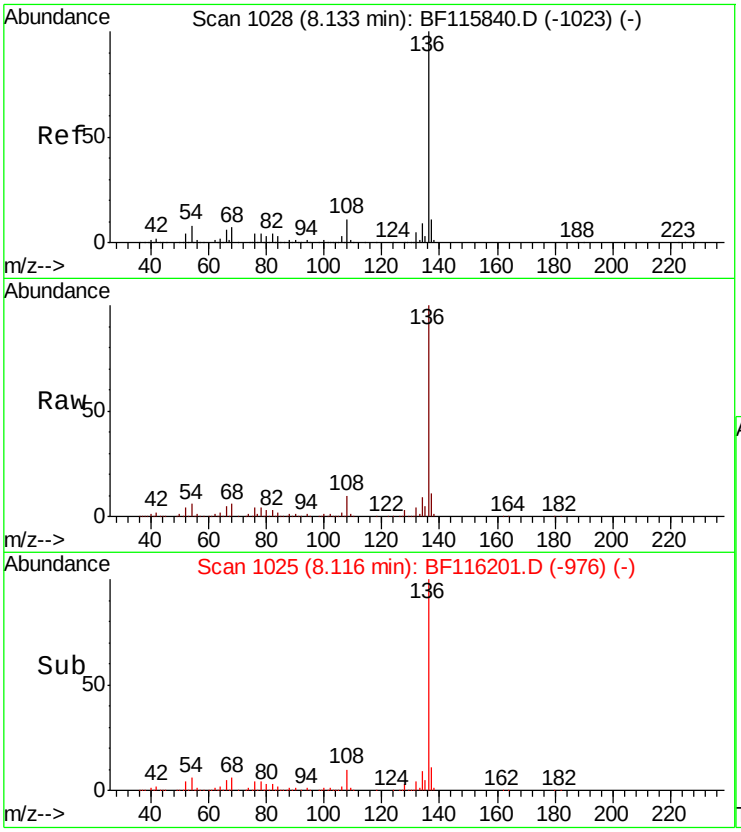


#20
3+4-Methylphenols
Concen: 49.138 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:107 Resp: 380053

Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.6	107.6
77	136.6	104.4	144.4
79	27.3	7.4	47.4



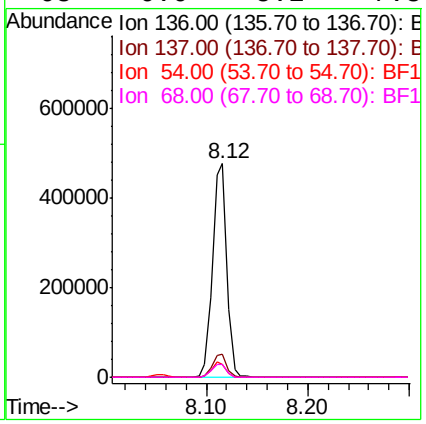


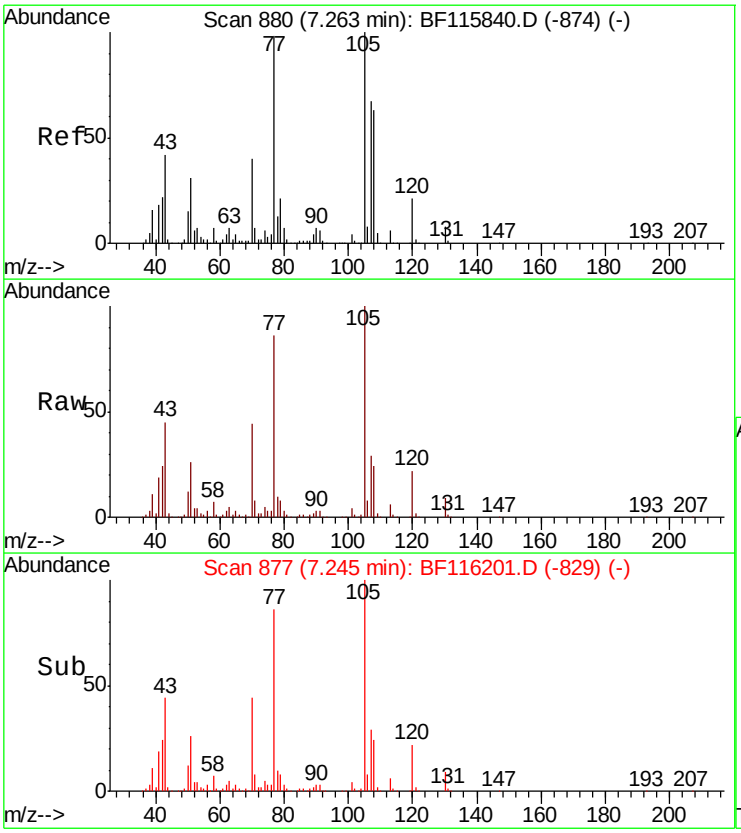
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:136 Resp: 464460

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.1	5.8	8.6
68	6.0	5.2	7.8

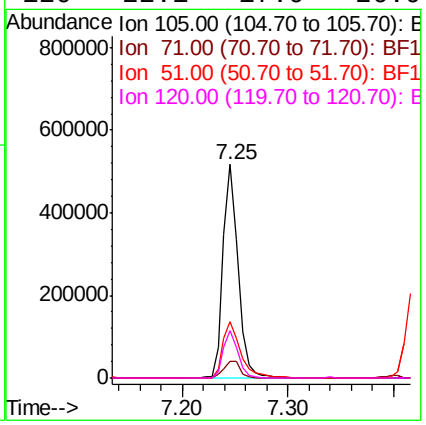


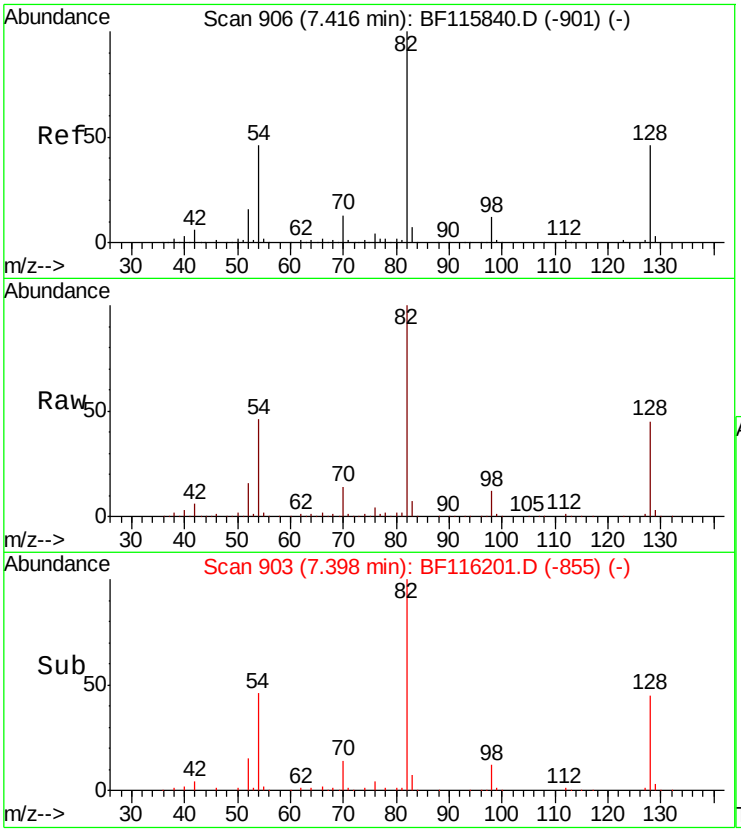


#22
Acetophenone
Concen: 50.590 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:105 Resp: 515320

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	26.3	25.3	37.9
120	22.1	17.9	26.9



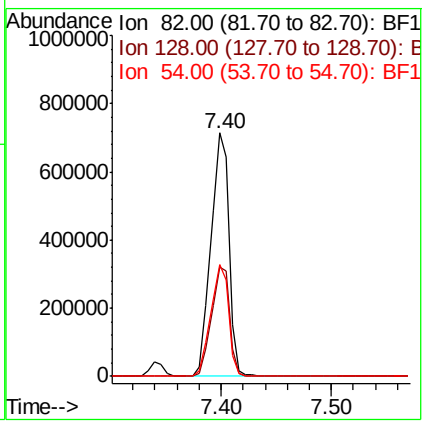


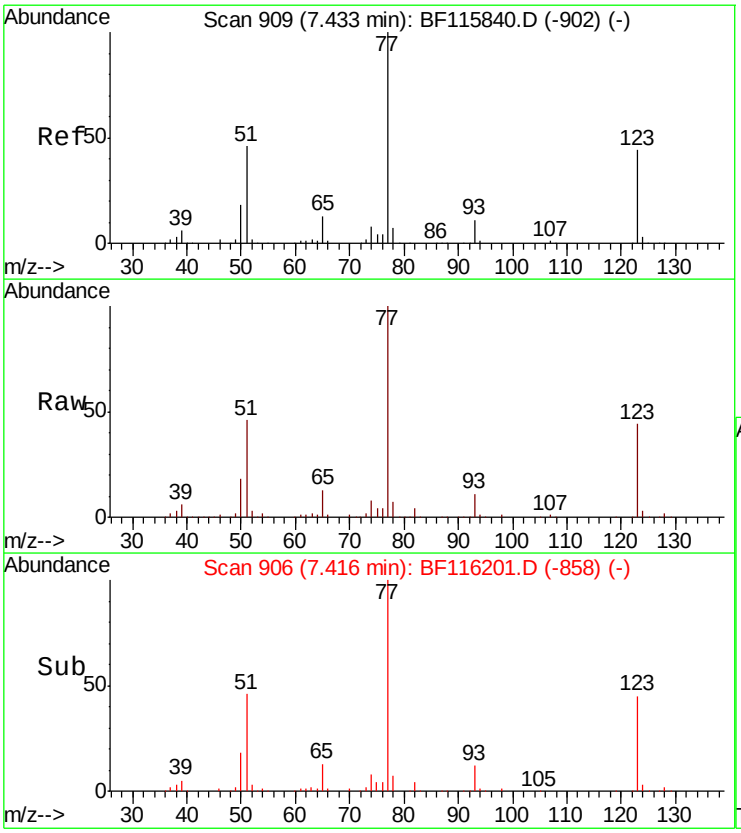
#23
Nitrobenzene-d5
Concen: 99.726 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 82 Resp: 802431

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	46.1	36.0	54.0

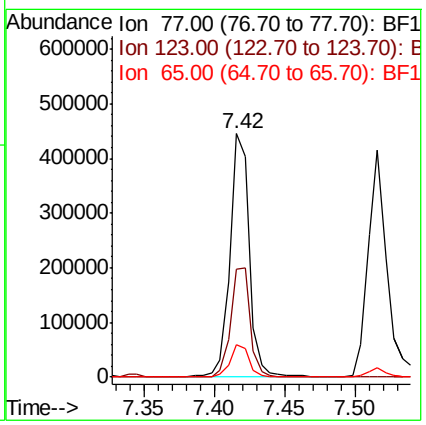


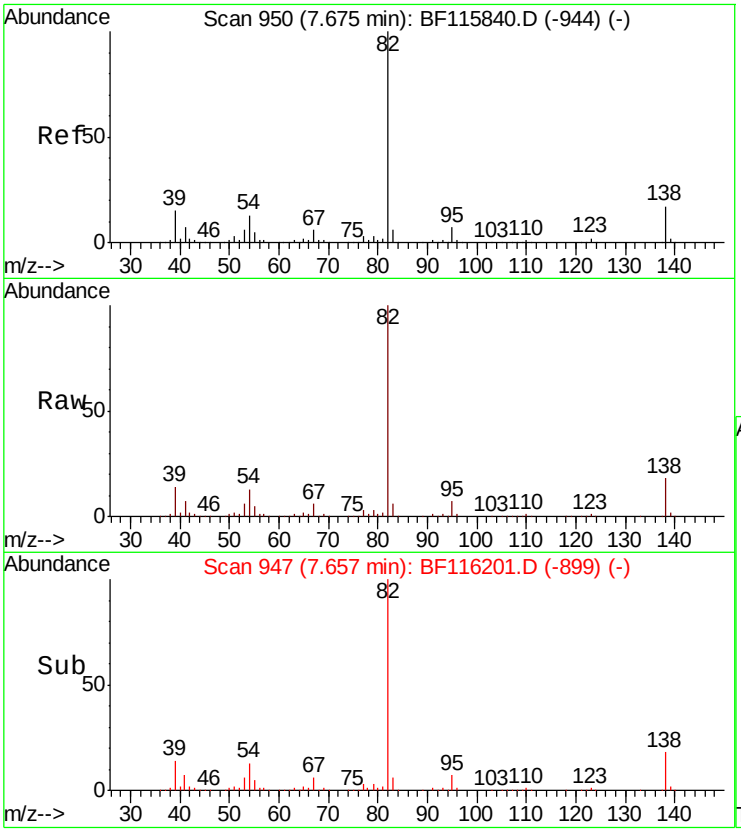


#24
Nitrobenzene
Concen: 48.036 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 77 Resp: 417342

Ion	Ratio	Lower	Upper
77	100		
123	44.2	36.7	55.1
65	13.2	10.6	16.0



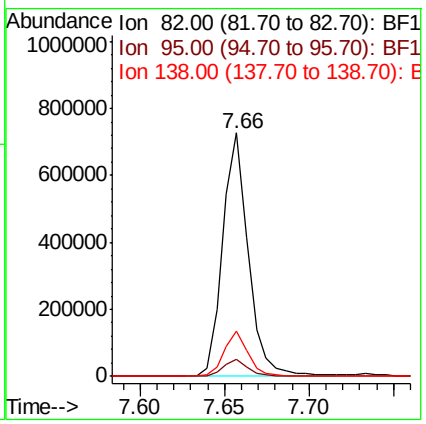


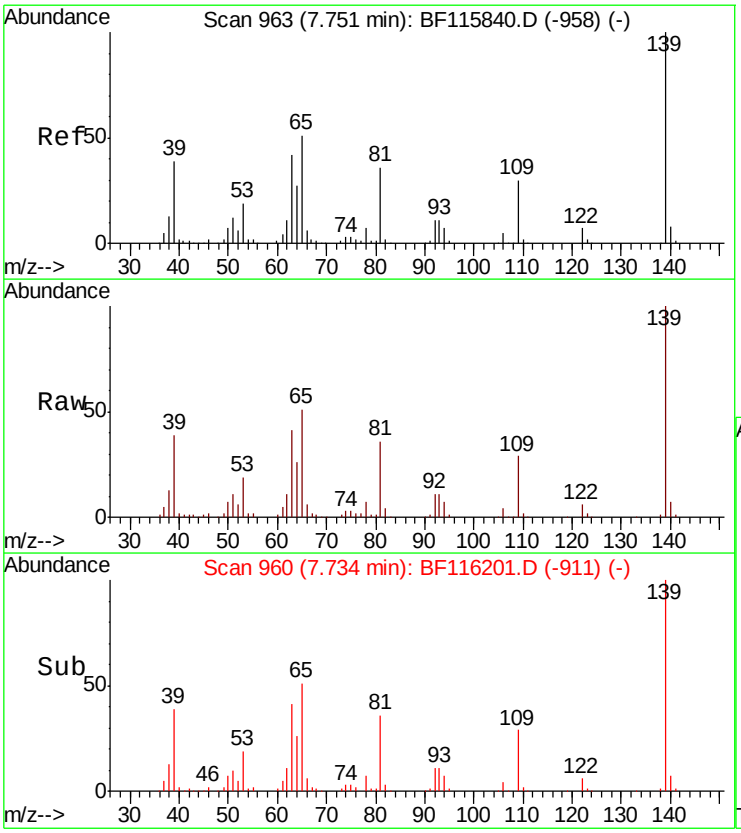
#25
Isophorone
Concen: 49.834 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 82 Resp: 766732

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.0
138	18.3	14.5	21.7

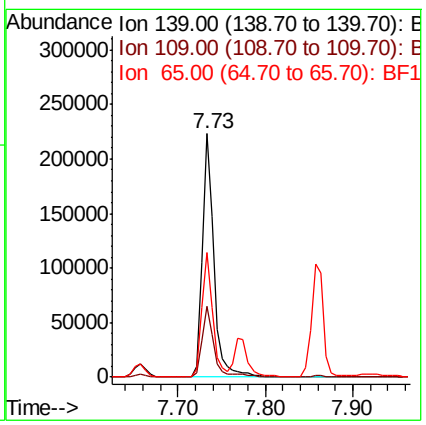


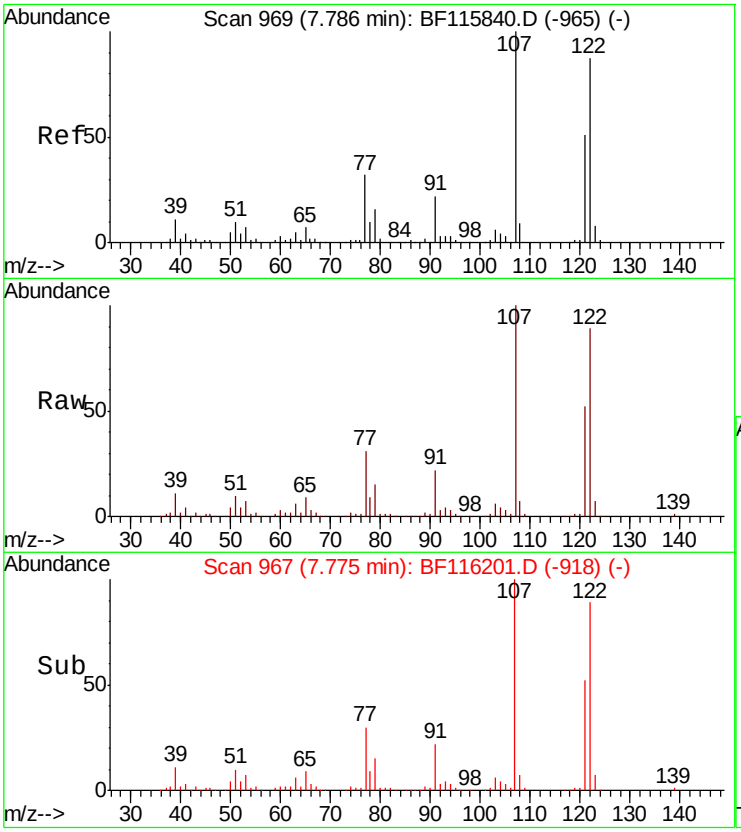


#26
2-Nitrophenol
Concen: 50.490 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:139 Resp: 206781

Ion	Ratio	Lower	Upper
139	100		
109	29.2	23.4	35.2
65	51.2	41.1	61.7



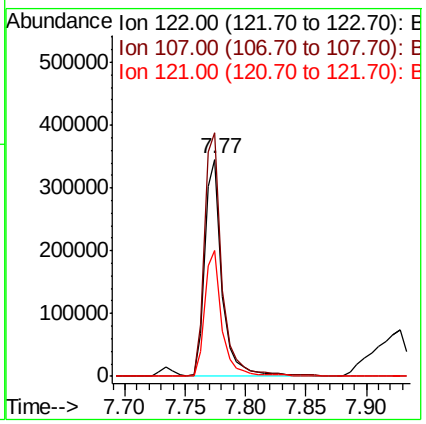


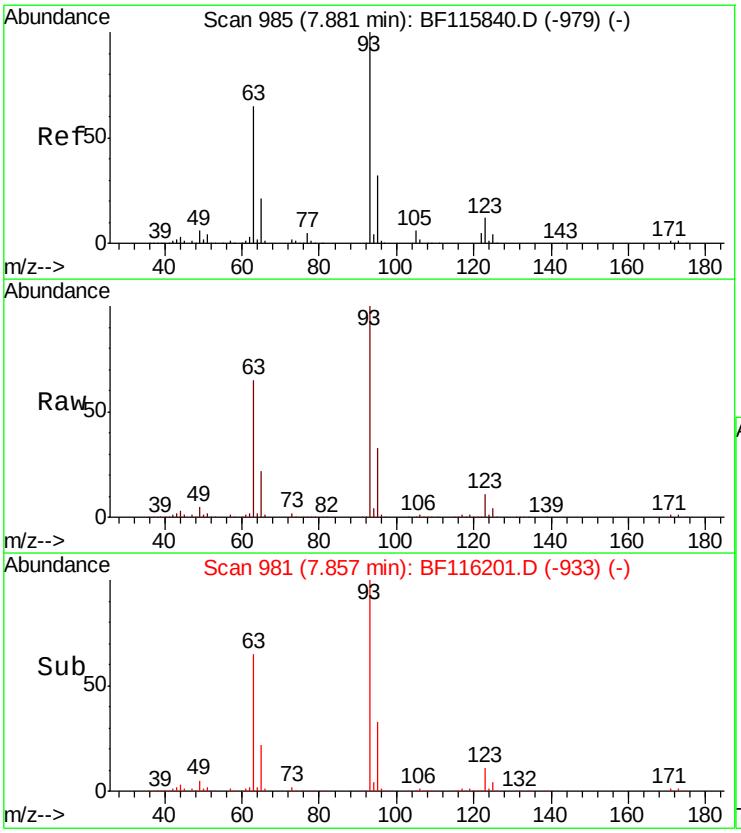
#27
2,4-Dimethylphenol
Concen: 54.824 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:122 Resp: 337799

Ion	Ratio	Lower	Upper
122	100		
107	112.1	93.0	139.6
121	57.9	47.6	71.4

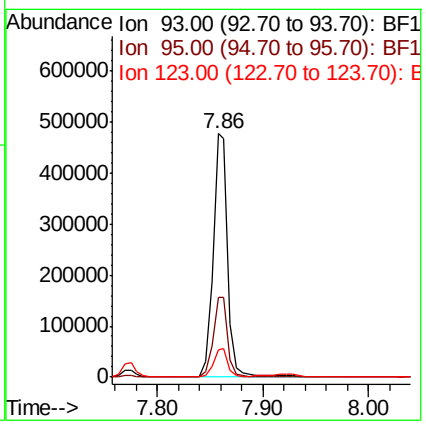


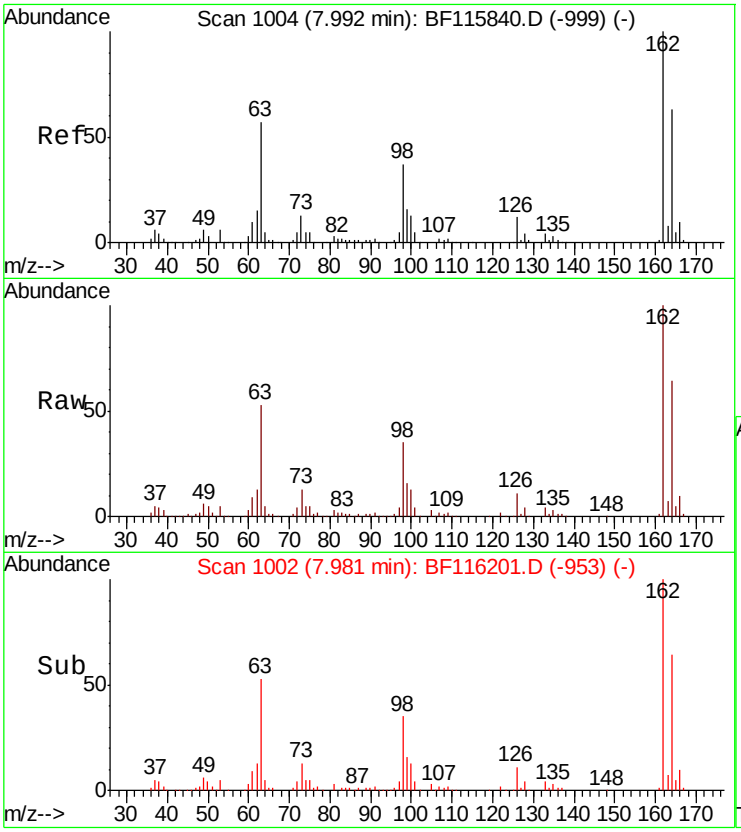


#28
bis(2-Chloroethoxy)methane
Concen: 49.208 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 93 Resp: 469262

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	11.2	9.2	13.8



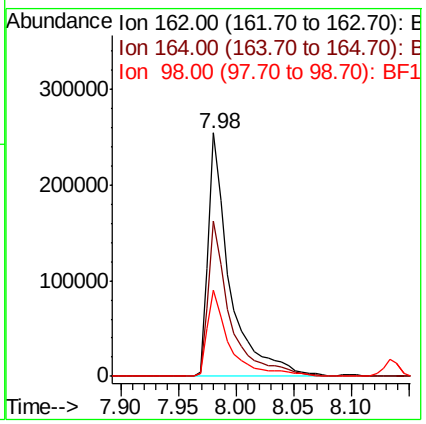


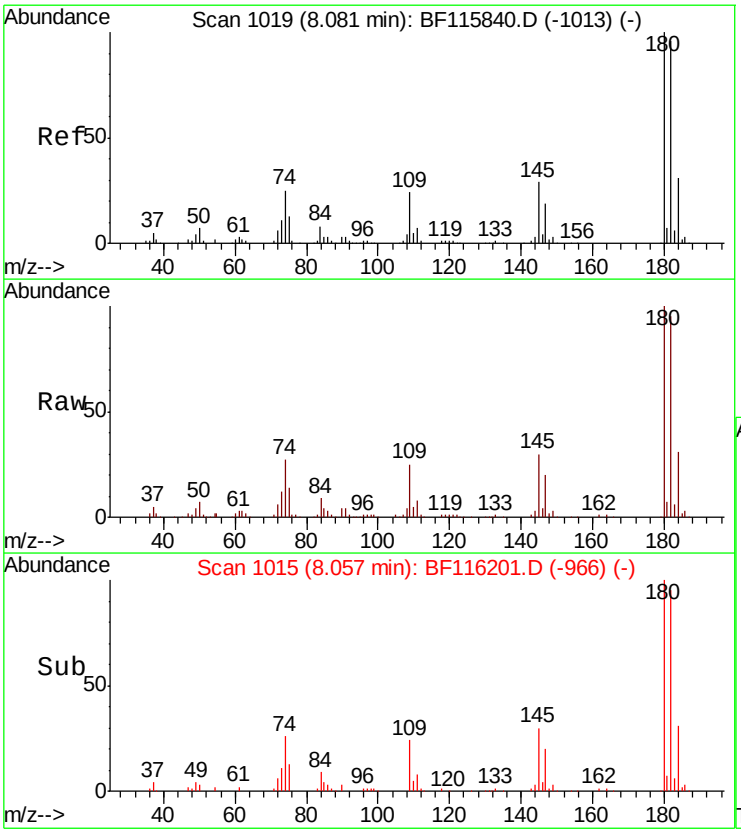
#29
2,4-Dichlorophenol
Concen: 51.235 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:162 Resp: 333325

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	35.4	15.8	55.8

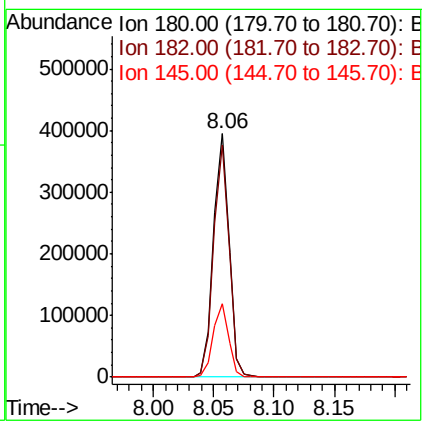


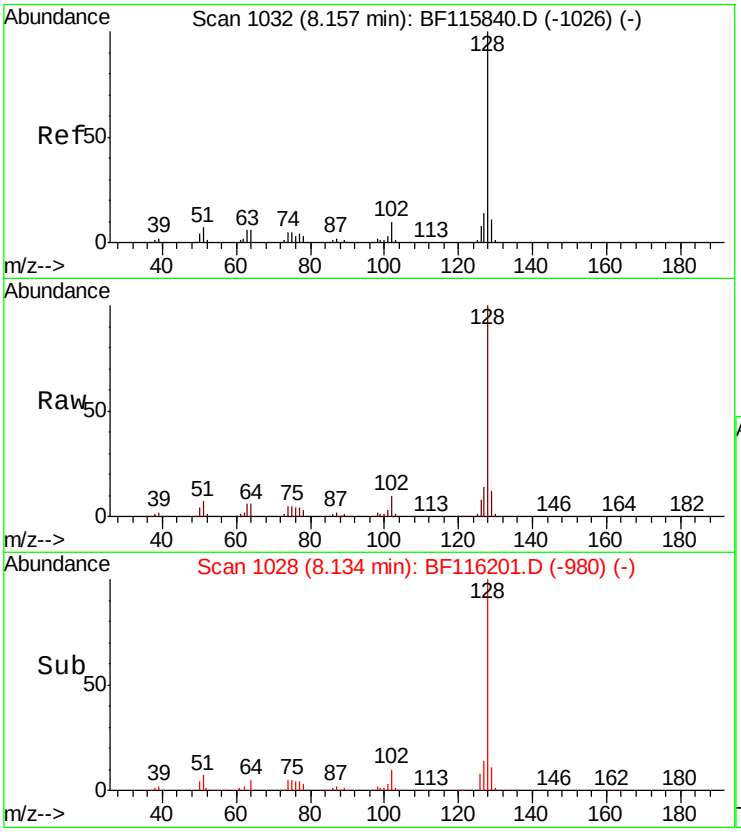


#30
1,2,4-Trichlorobenzene
Concen: 46.980 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:180 Resp: 348399

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	29.9	24.3	36.5



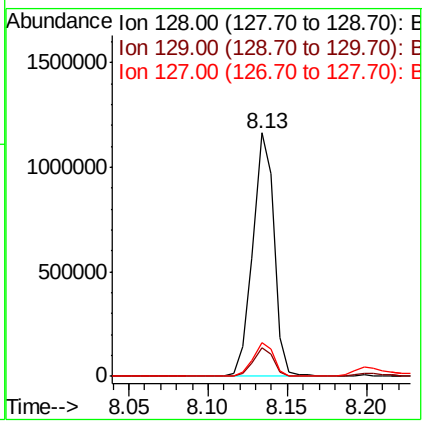


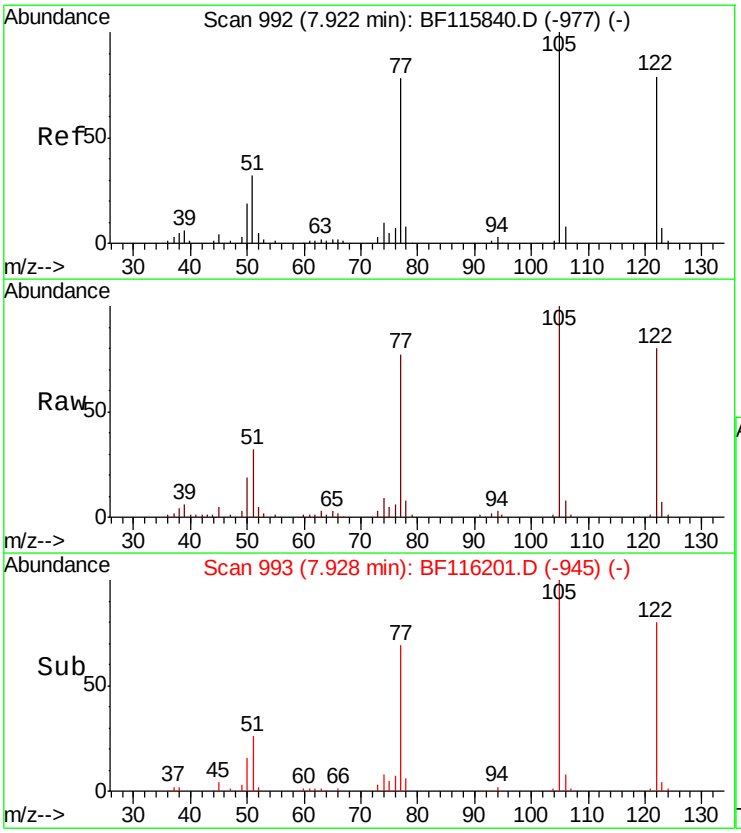
#31
Naphthalene
Concen: 49.859 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:128 Resp: 1089748

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.6	11.4	17.0

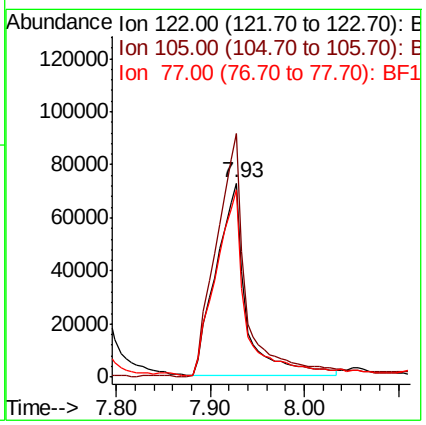


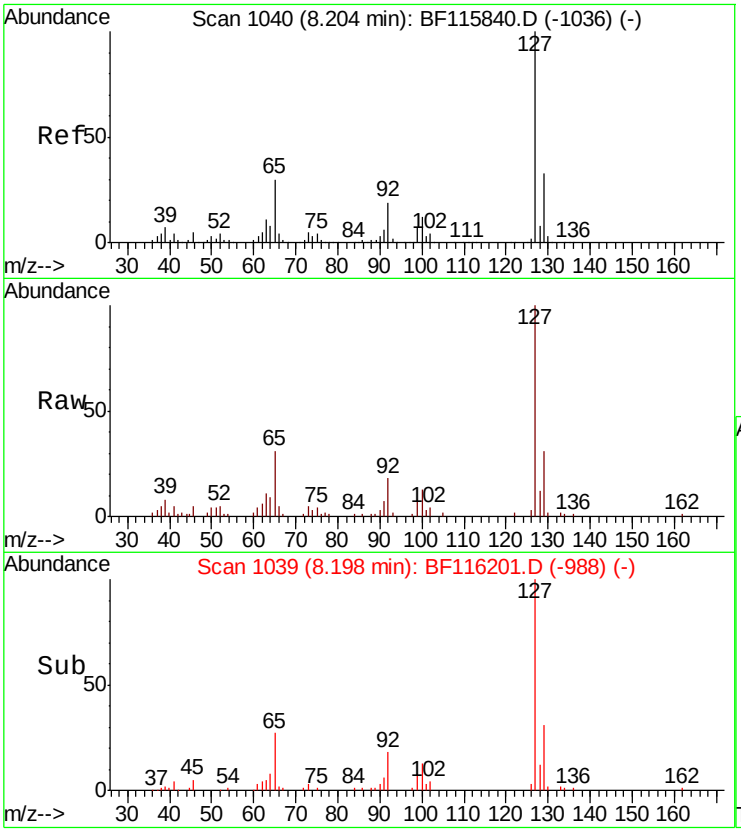


#32
Benzoic acid
Concen: 36.931 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:122 Resp: 160430

Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.1	146.1
77	96.6	76.7	116.7



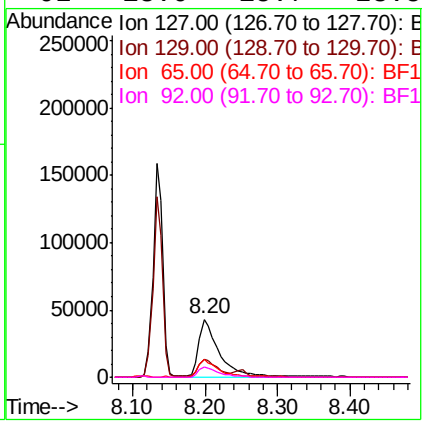


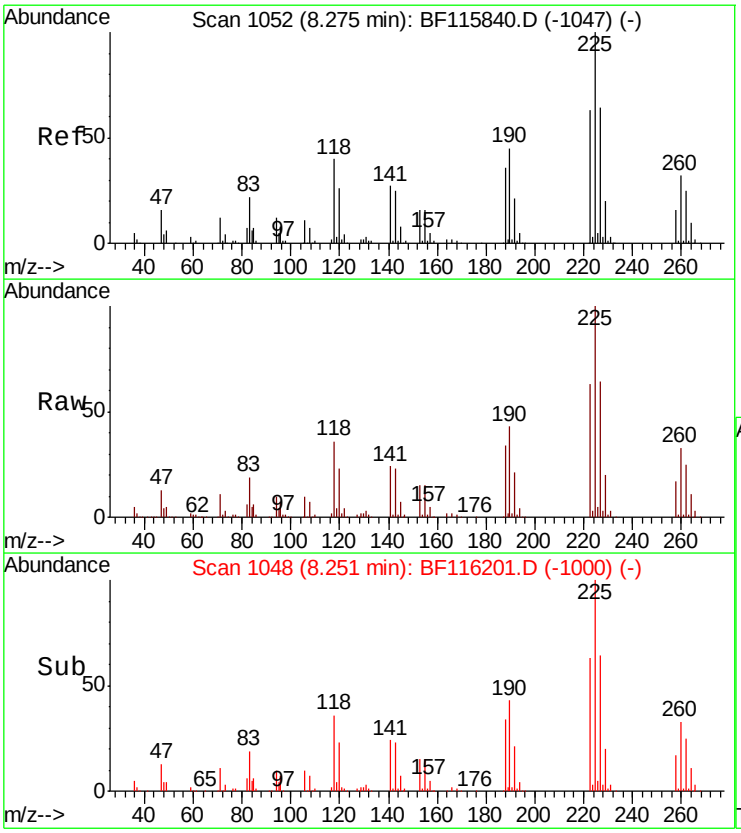
#33
4-Chloroaniline
Concen: 8.726 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:127 Resp: 85215

Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	31.0	24.9	37.3
92	18.0	15.7	23.5

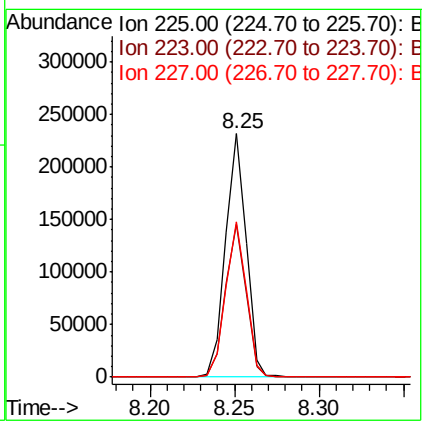


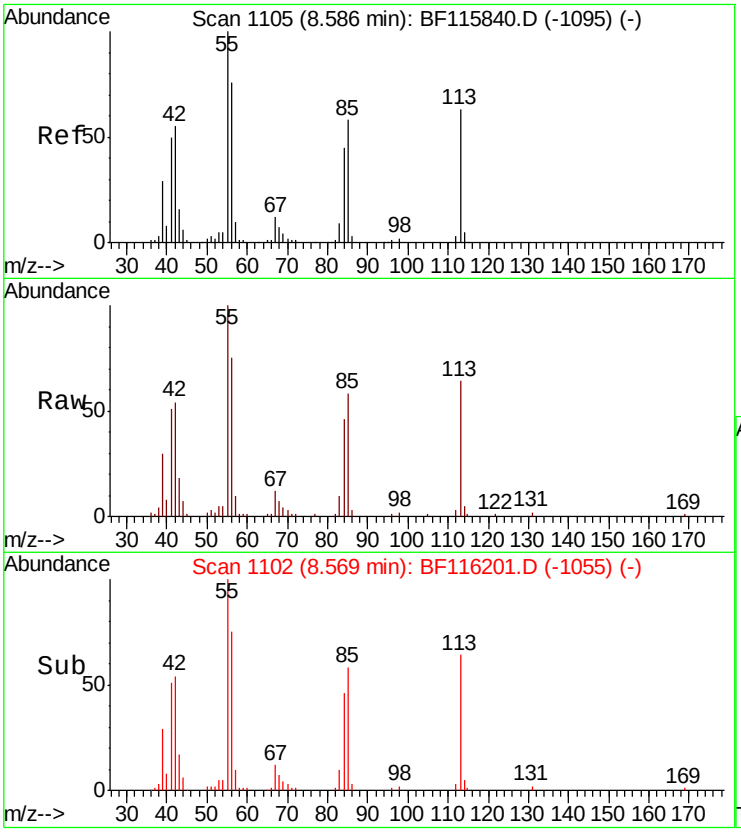


#34
Hexachlorobutadiene
Concen: 46.024 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:225 Resp: 196593

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.0	75.0
227	63.6	51.0	76.4



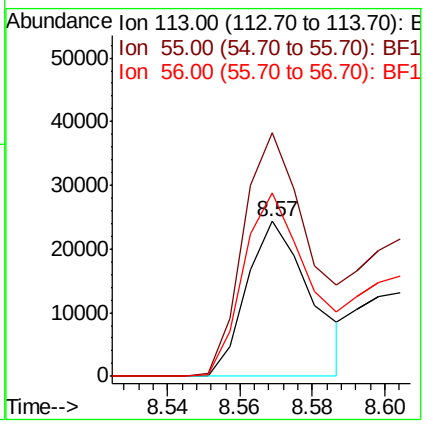


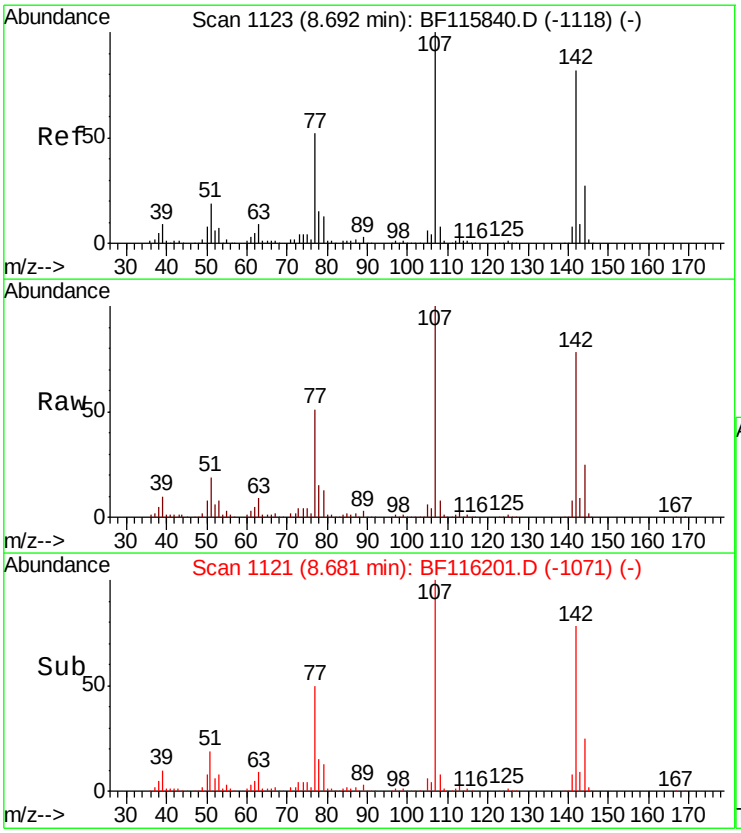
#35
Caprolactam
Concen: 14.119 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:113 Resp: 29708

Ion	Ratio	Lower	Upper
113	100		
55	157.3	144.3	184.3
56	118.4	97.1	137.1

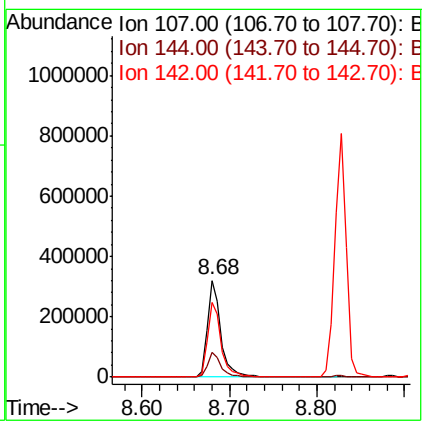


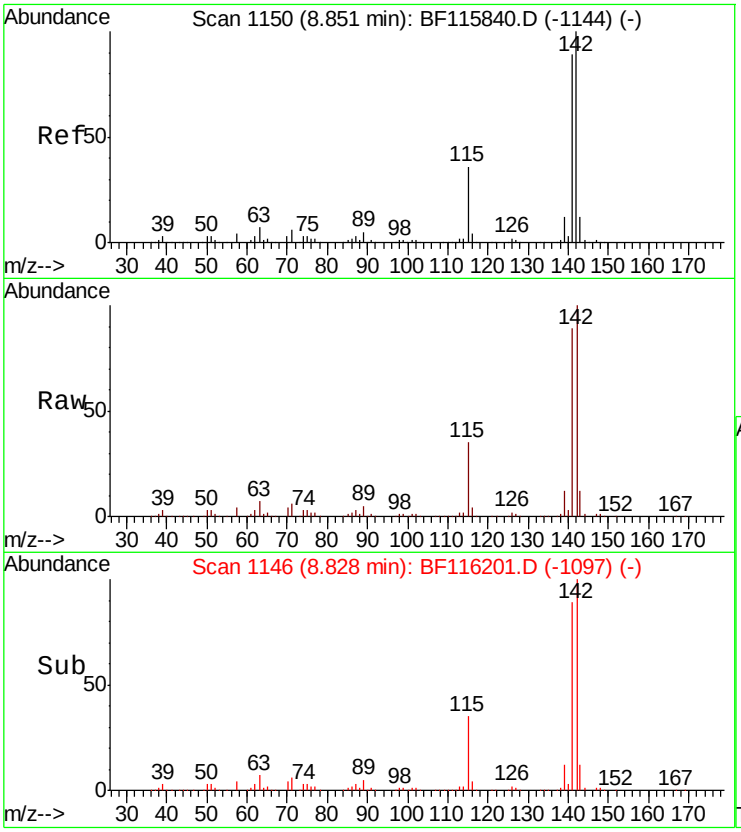


#36
4-Chloro-3-methylphenol
Concen: 50.564 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:107 Resp: 342223

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.2	30.2
142	77.5	61.7	92.5



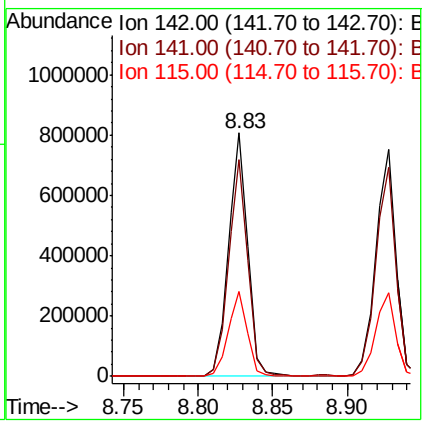


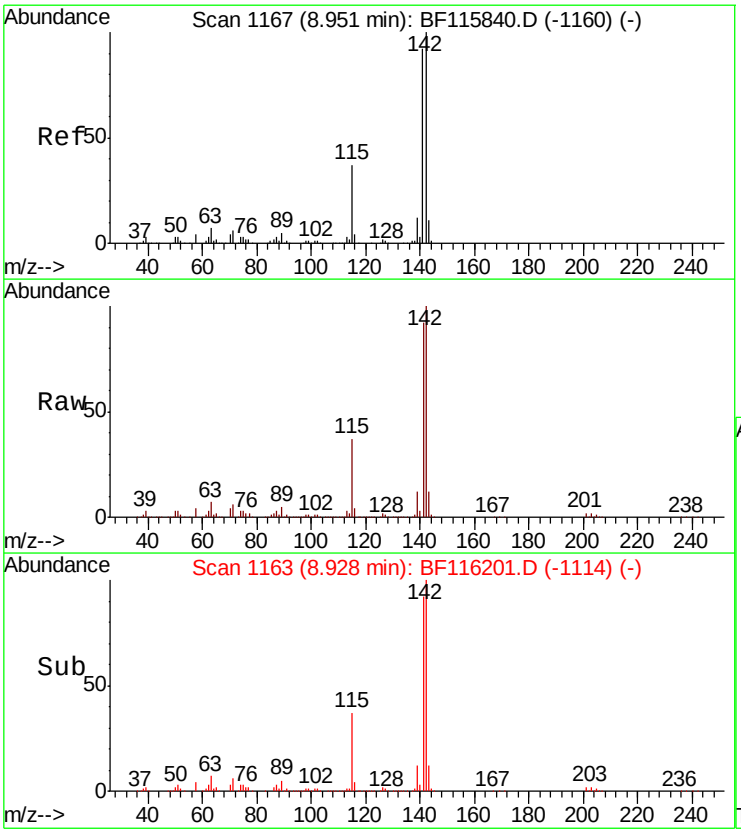
#37
2-Methylnaphthalene
Concen: 50.958 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:142 Resp: 733513

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	35.1	29.0	43.6

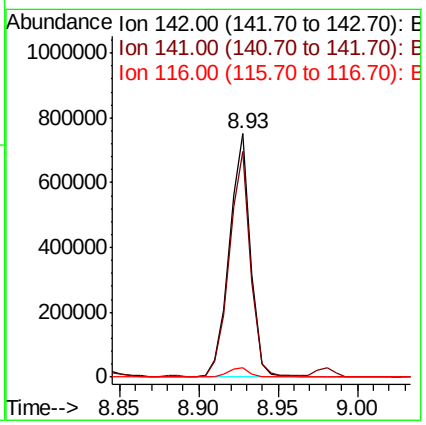


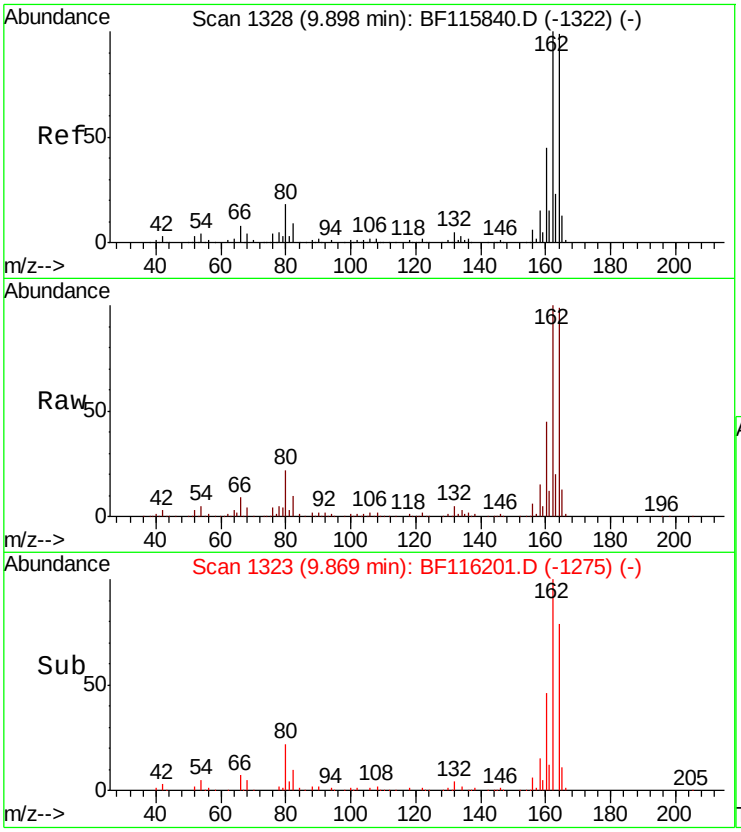


#38
1-Methylnaphthalene
Concen: 50.636 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:142 Resp: 689549

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.4	111.6
116	3.8	3.1	4.7



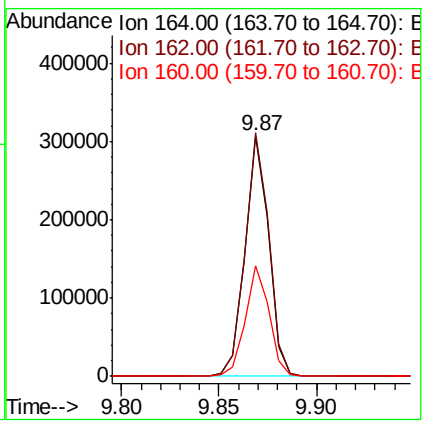


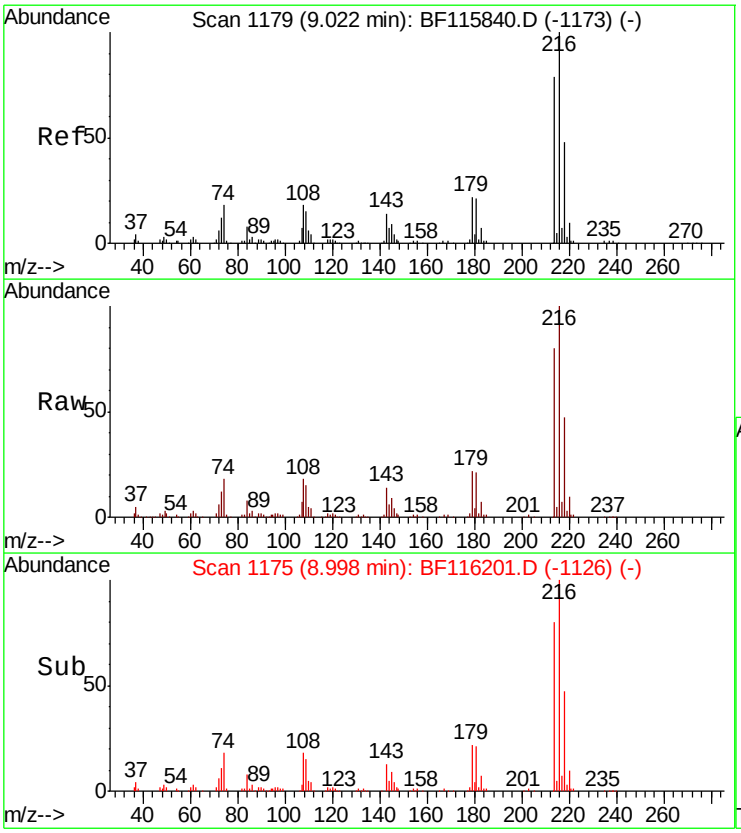
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:164 Resp: 258940

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	46.0	37.6	56.4

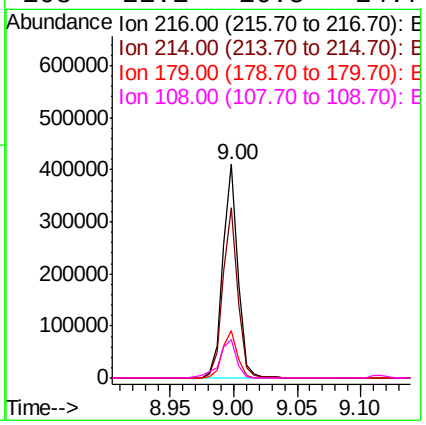


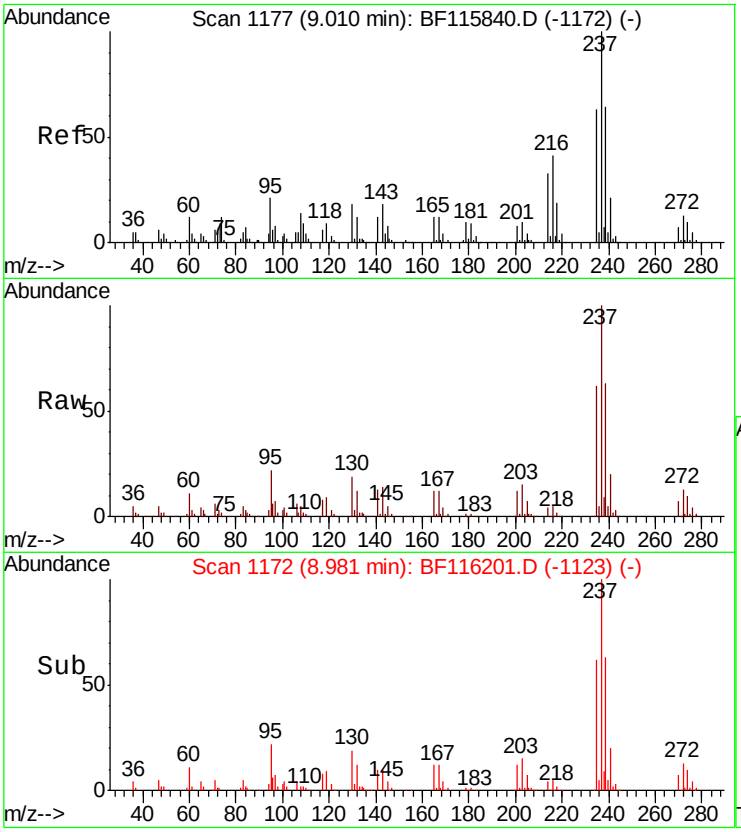


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.860 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:216 Resp: 338233

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.6	95.4
179	21.9	17.8	26.8
108	21.1	16.5	24.7



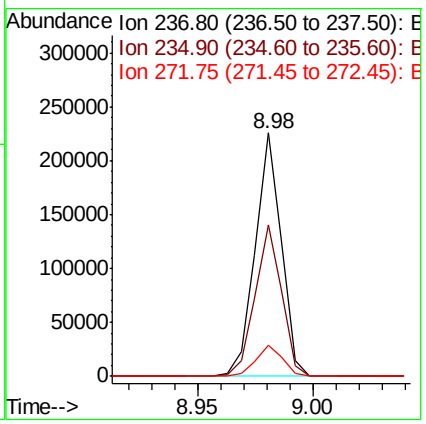


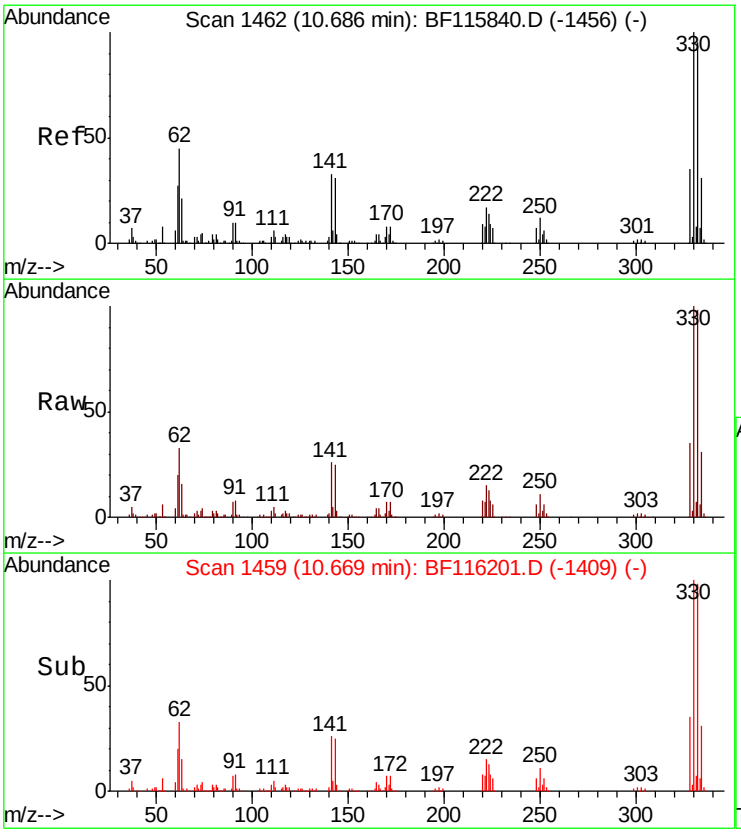
#41
Hexachlorocyclopentadiene
Concen: 59.179 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:237 Resp: 178738

Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.4	83.4
272	12.8	0.0	33.2

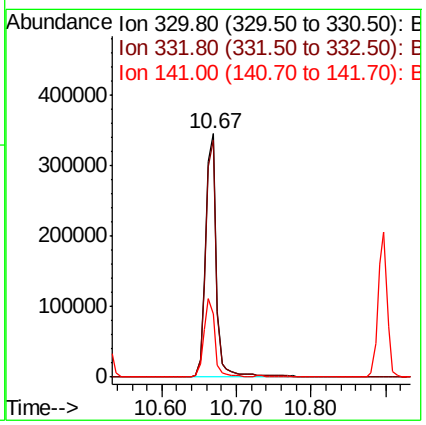


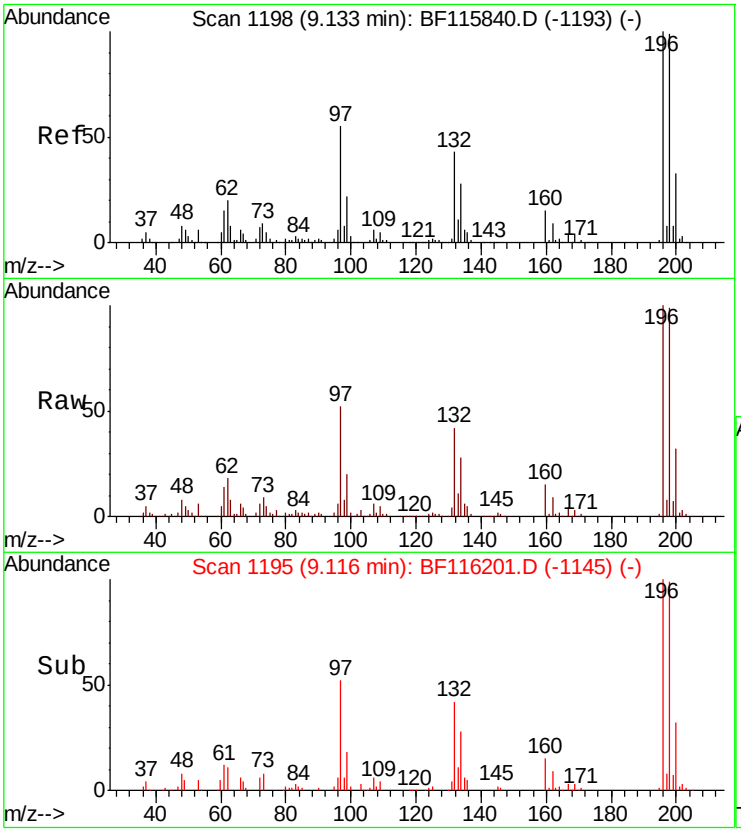


#42
2,4,6-Tribromophenol
Concen: 140.548 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:330 Resp: 352846

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	32.5	26.3	39.5



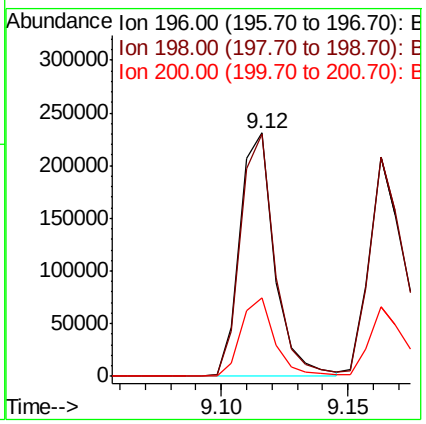


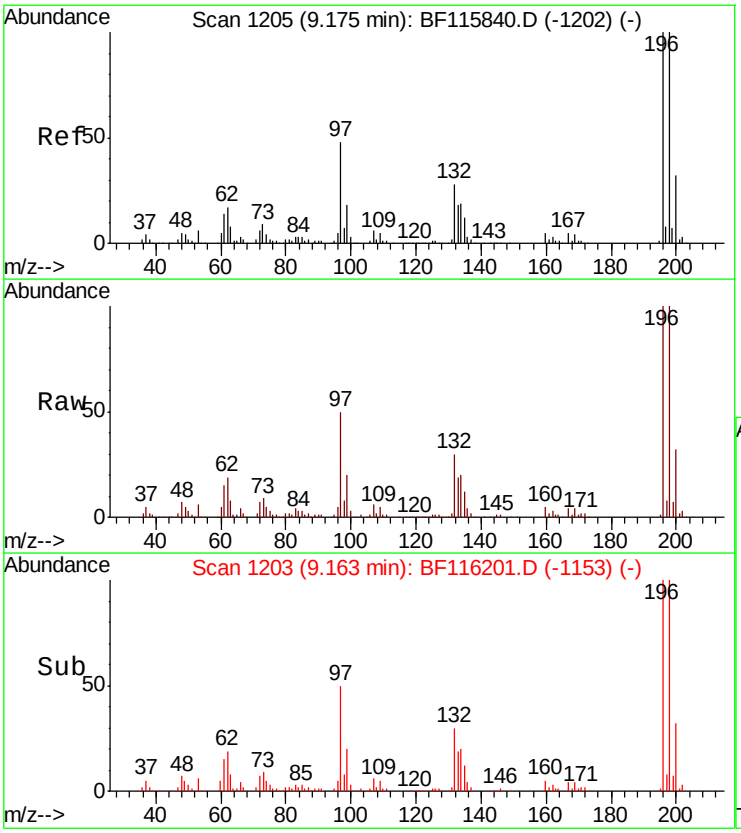
#43
2,4,6-Trichlorophenol
Concen: 46.184 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:196 Resp: 220061

Ion	Ratio	Lower	Upper
196	100		
198	99.3	79.2	118.8
200	32.4	25.2	37.8

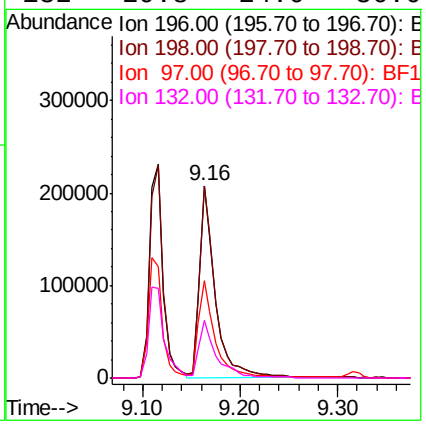


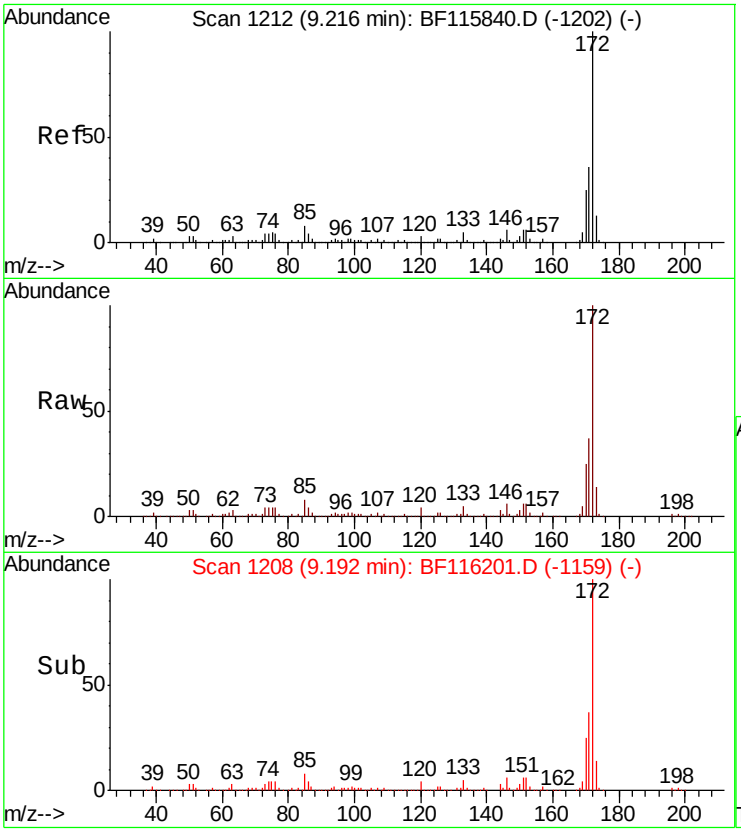


#44
2,4,5-Trichlorophenol
Concen: 47.259 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:196 Resp: 232771

Ion	Ratio	Lower	Upper
196	100		
198	99.7	78.8	118.2
97	50.4	42.2	63.4
132	29.8	24.0	36.0



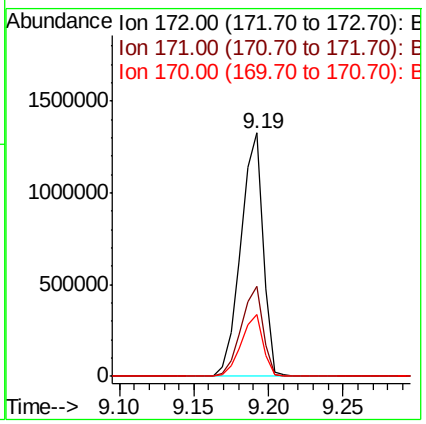


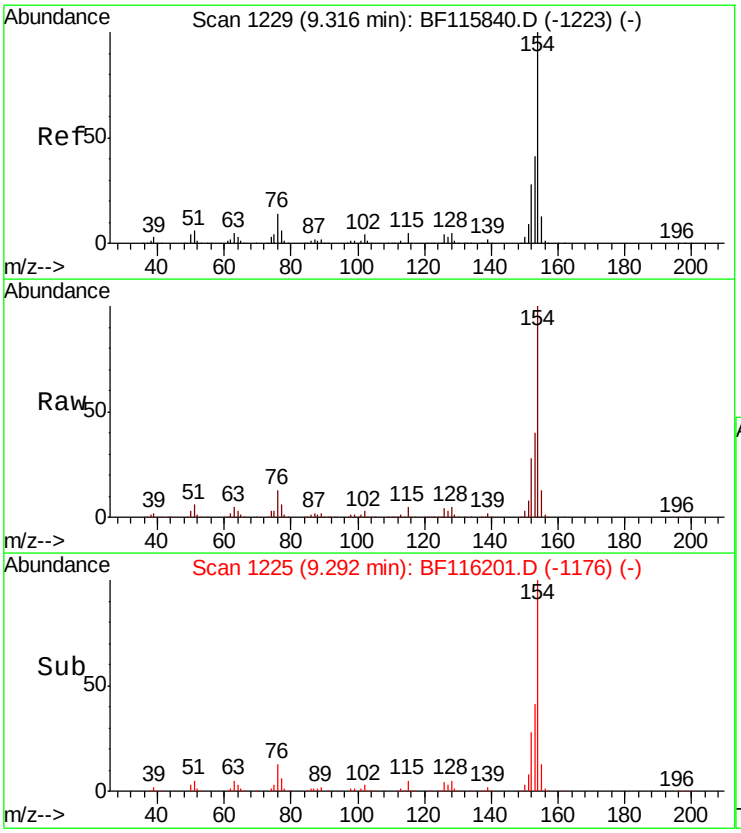
#45
2-Fluorobiphenyl
Concen: 99.735 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:172 Resp: 1378766

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.3	20.1	30.1

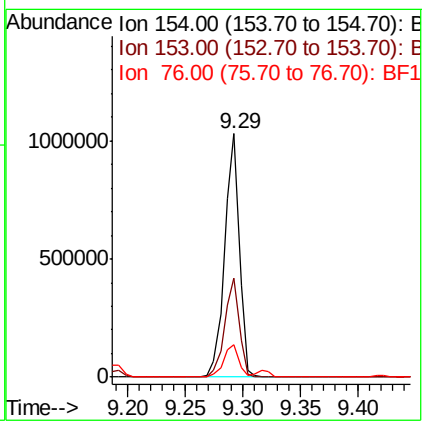


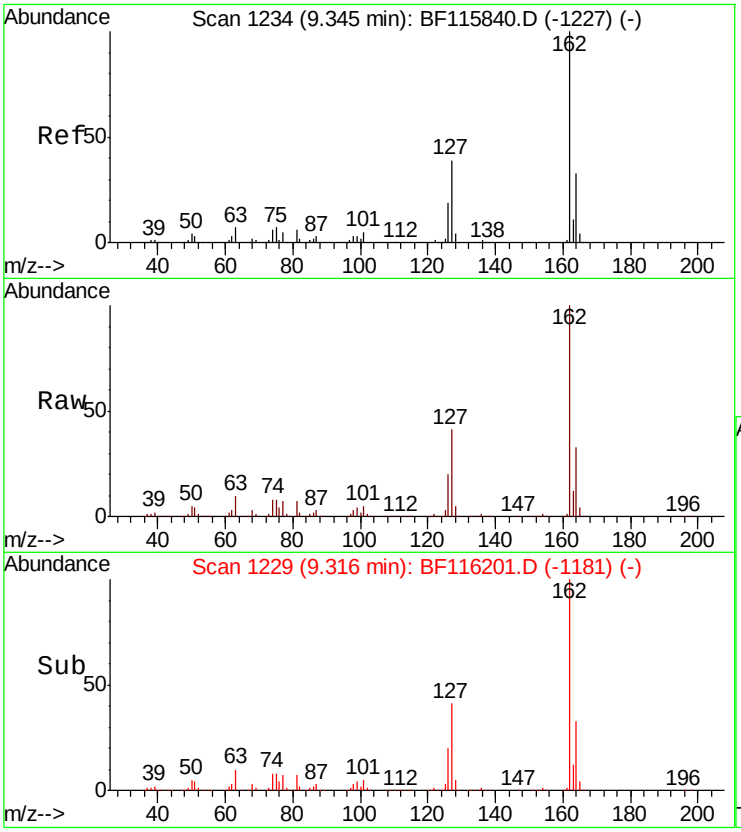


#46
1,1'-Biphenyl
Concen: 49.582 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:154 Resp: 906407

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	13.5	0.0	35.2



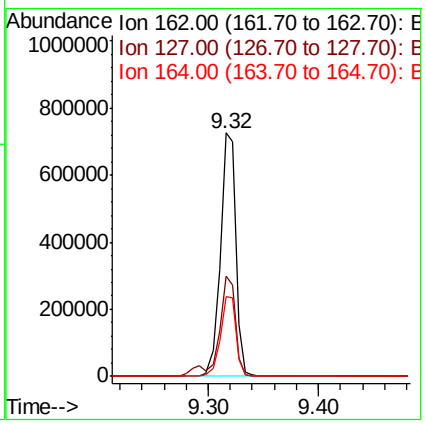


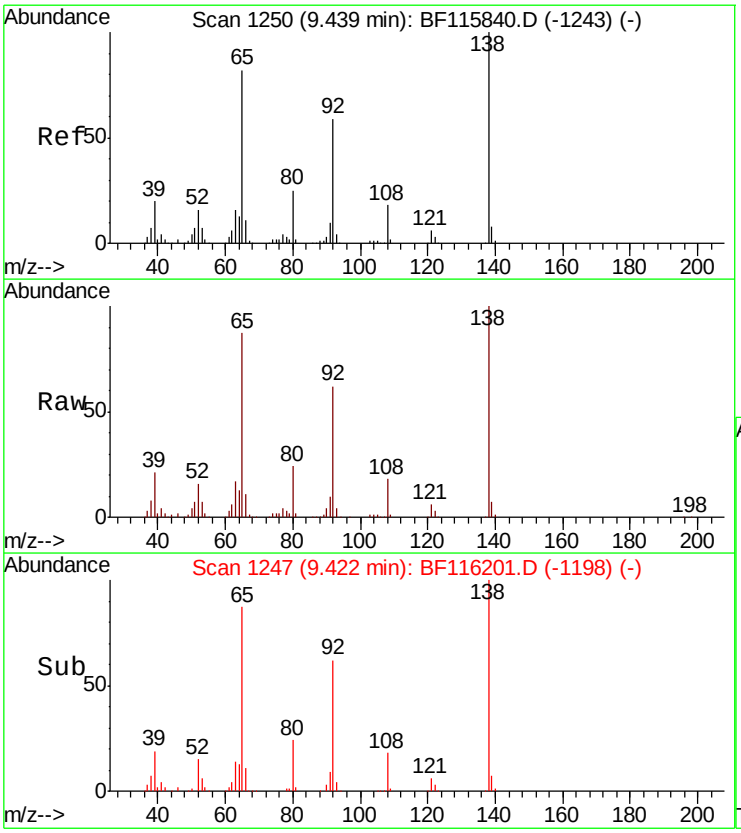
#47
2-Chloronaphthalene
Concen: 46.942 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:162 Resp: 714229

Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.8	49.2
164	32.6	26.6	39.8

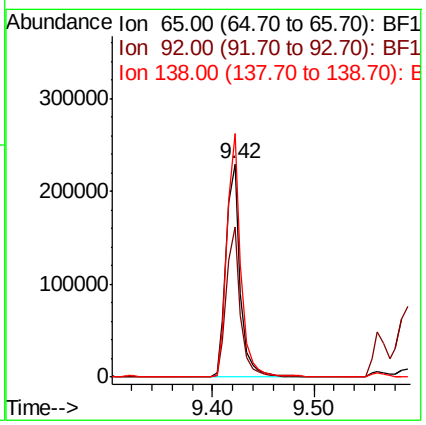


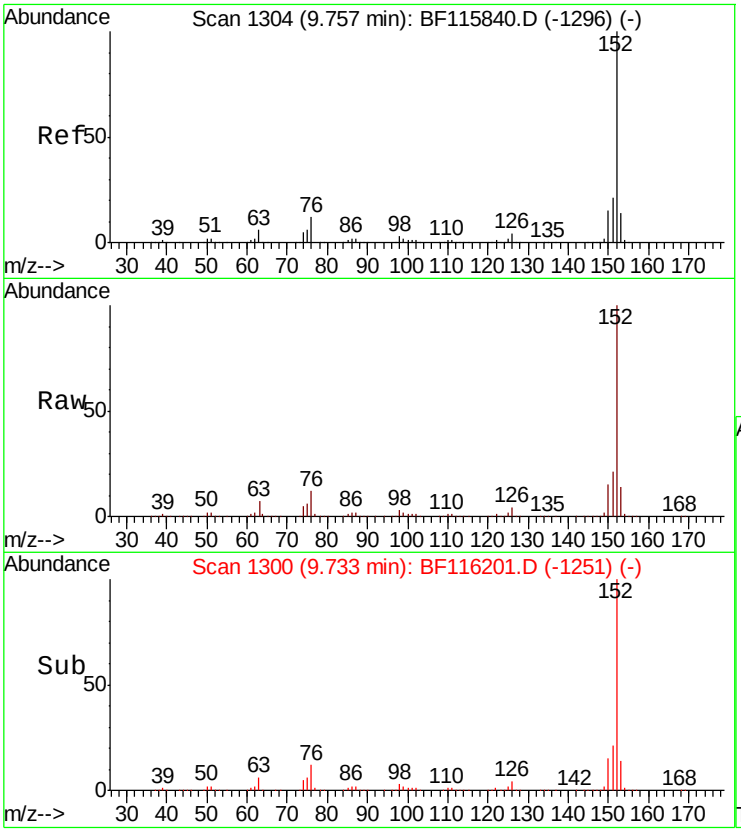


#48
2-Nitroaniline
Concen: 44.750 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion: 65 Resp: 225055

Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.8	86.8
138	114.3	94.0	141.0



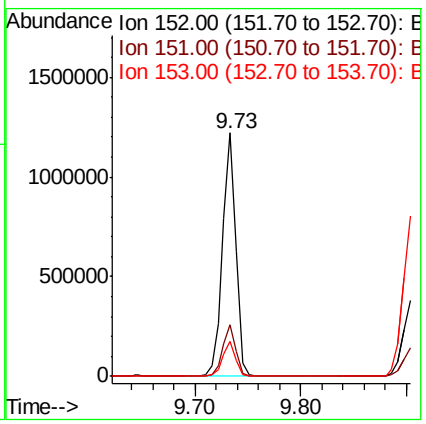


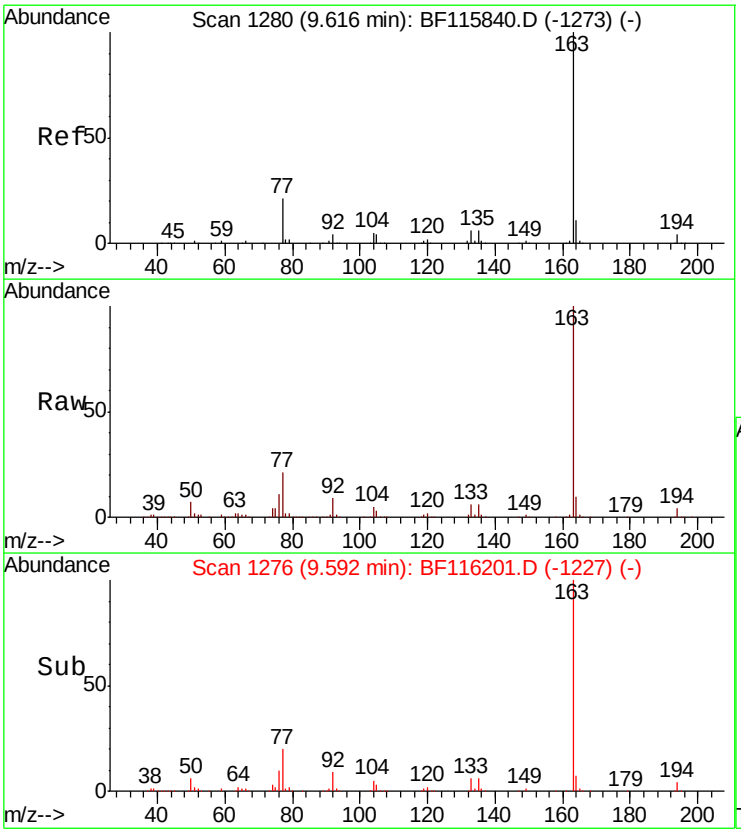
#49
Acenaphthylene
Concen: 48.544 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:152 Resp: 1077556

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.3	11.8	17.8

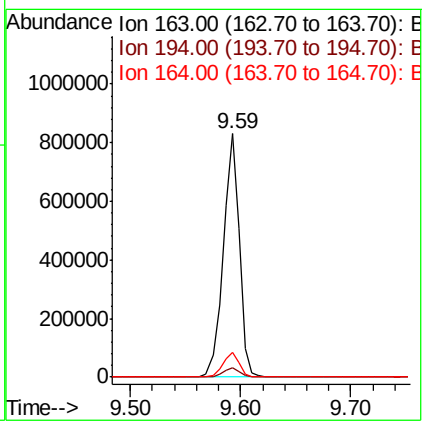


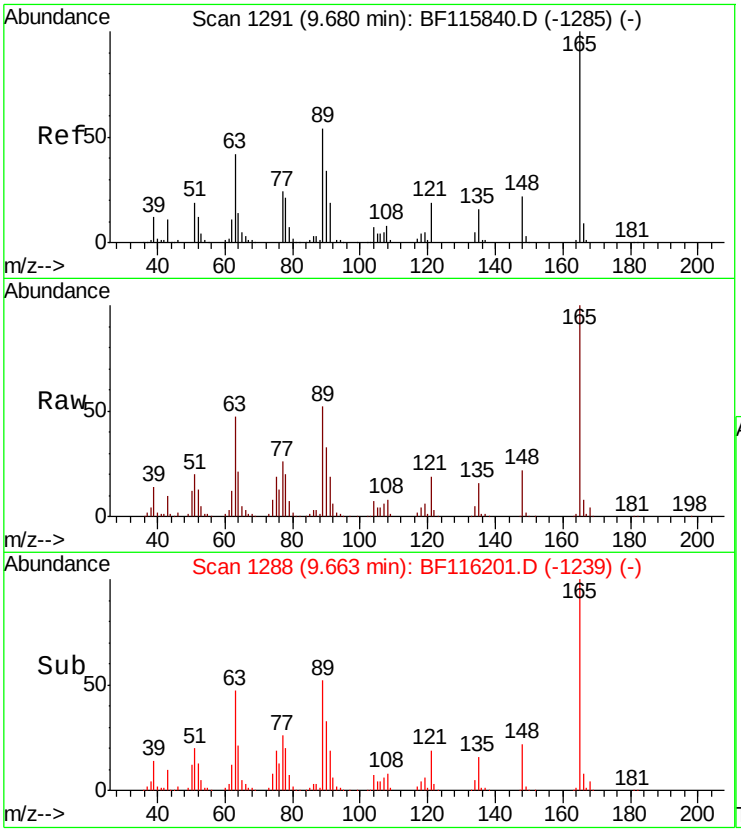


#50
Dimethylphthalate
Concen: 47.775 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:163 Resp: 842309

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.4	12.6



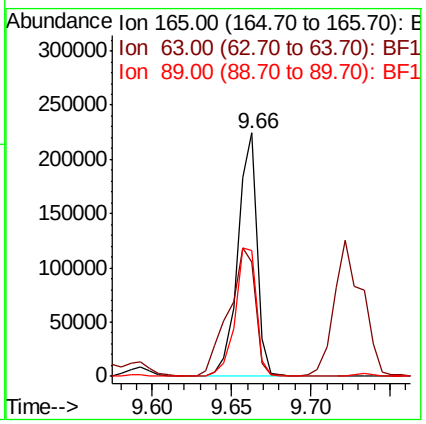


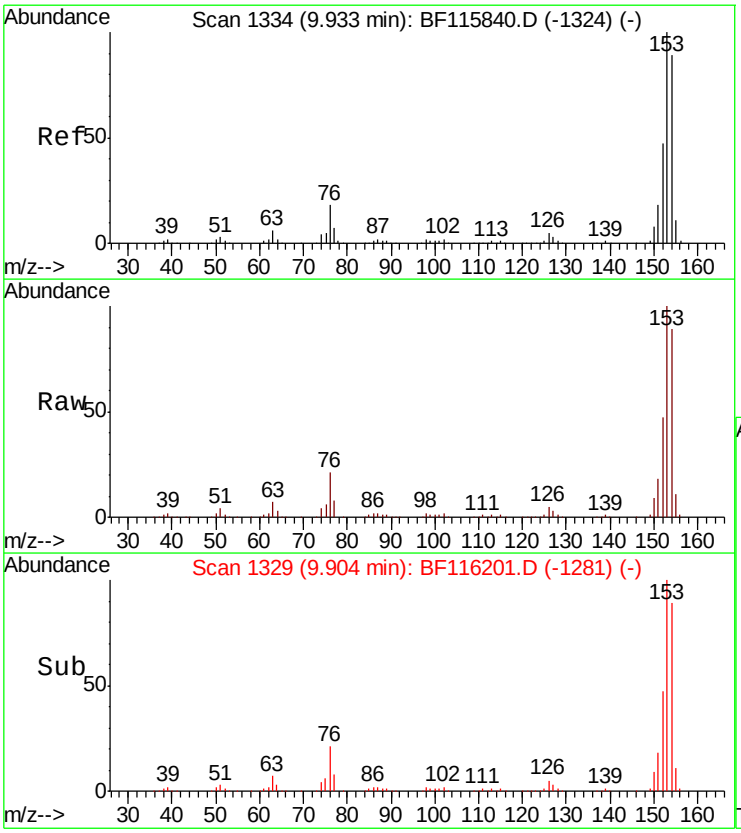
#51
2,6-Dinitrotoluene
Concen: 49.151 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:165 Resp: 188324

Ion	Ratio	Lower	Upper
165	100		
63	47.2	38.2	57.2
89	51.7	42.9	64.3

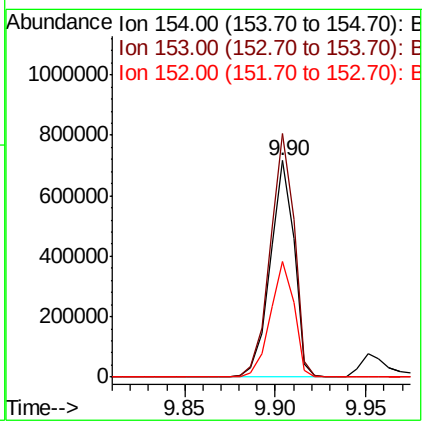


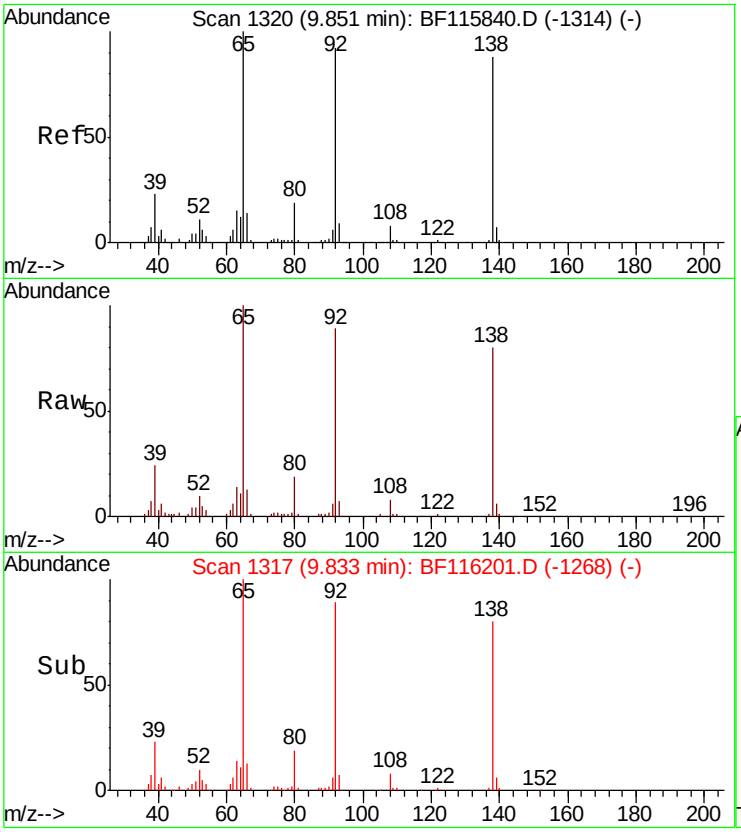


#52
Acenaphthene
Concen: 47.823 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:154 Resp: 651252

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.4	134.0
152	53.3	42.3	63.5



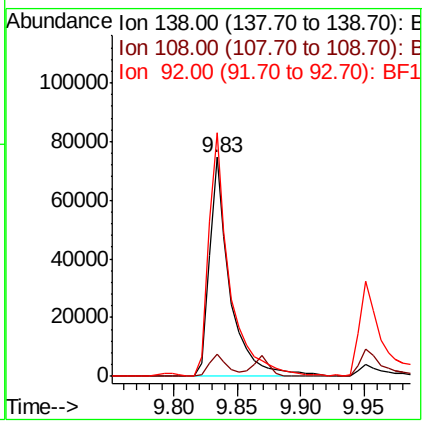


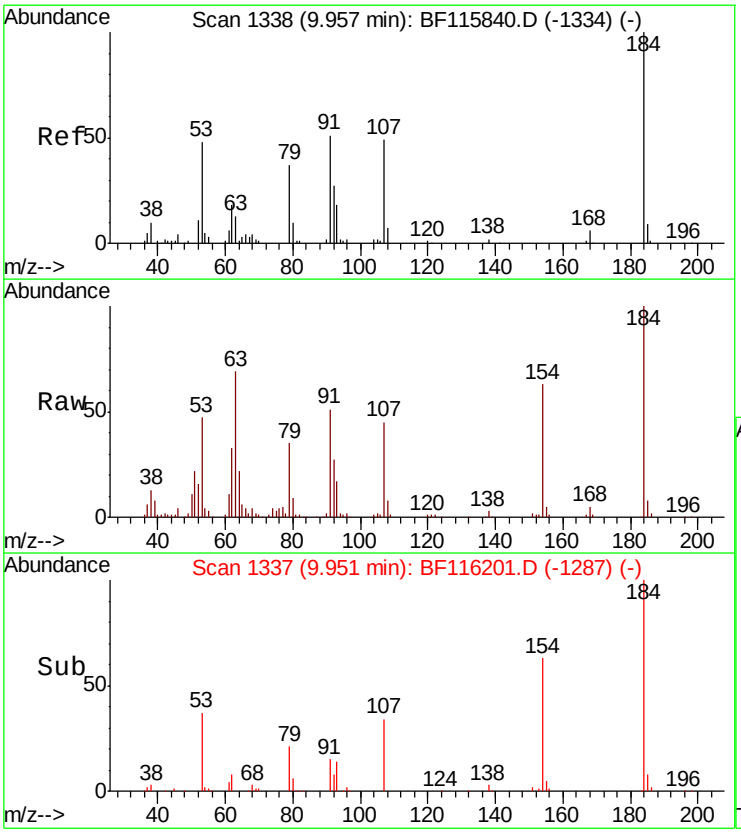
#53
3-Nitroaniline
Concen: 17.820 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:138 Resp: 84364

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	111.1	91.0	136.6

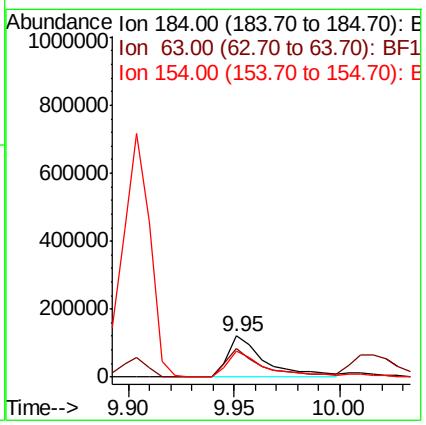


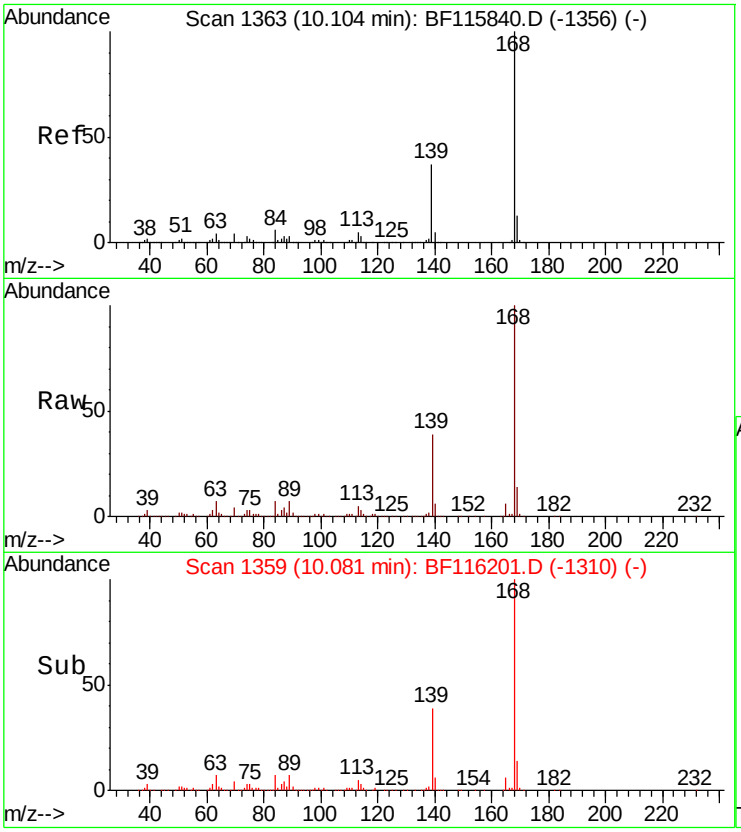


#54
2,4-Dinitrophenol
Concen: 75.117 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:184 Resp: 145355

Ion	Ratio	Lower	Upper
184	100		
63	69.5	53.0	79.4
154	63.5	50.1	75.1



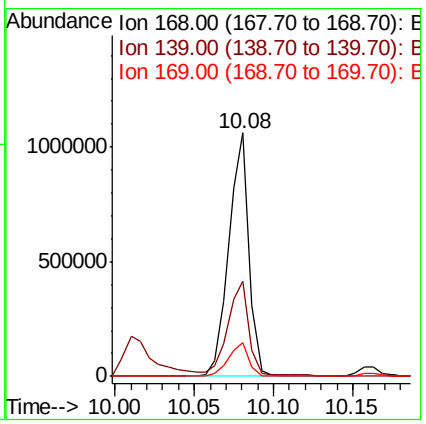


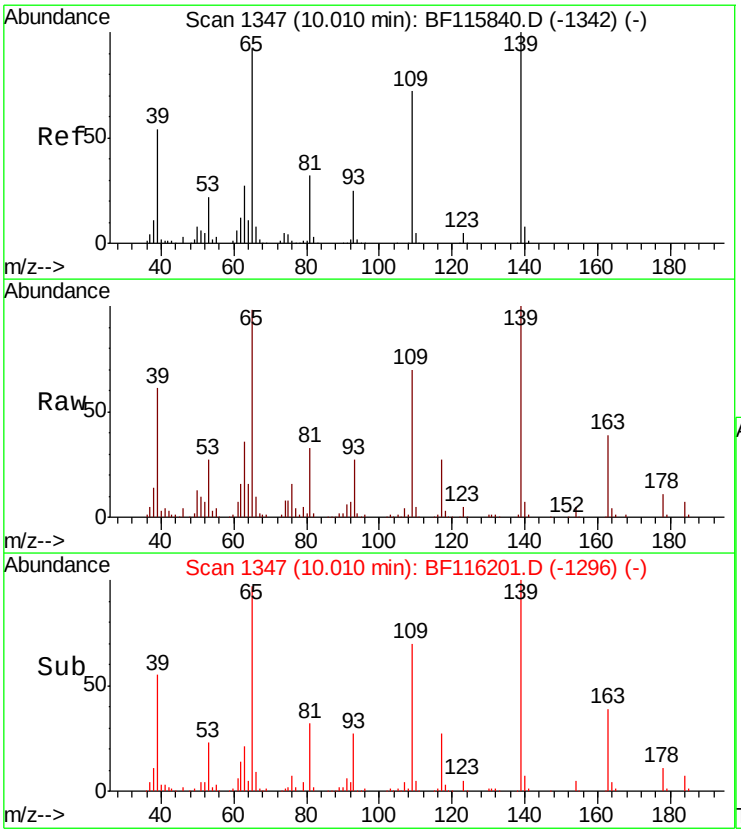
#55
Dibenzofuran
Concen: 47.018 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:168 Resp: 931137

Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.4	47.2
169	14.0	10.9	16.3

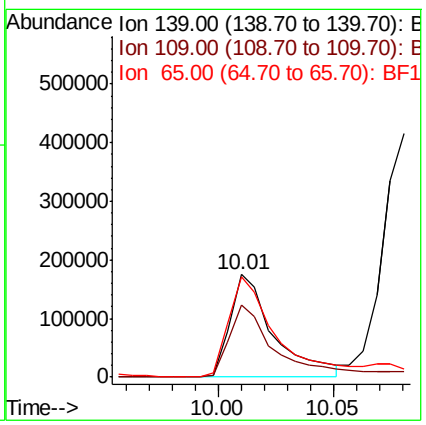


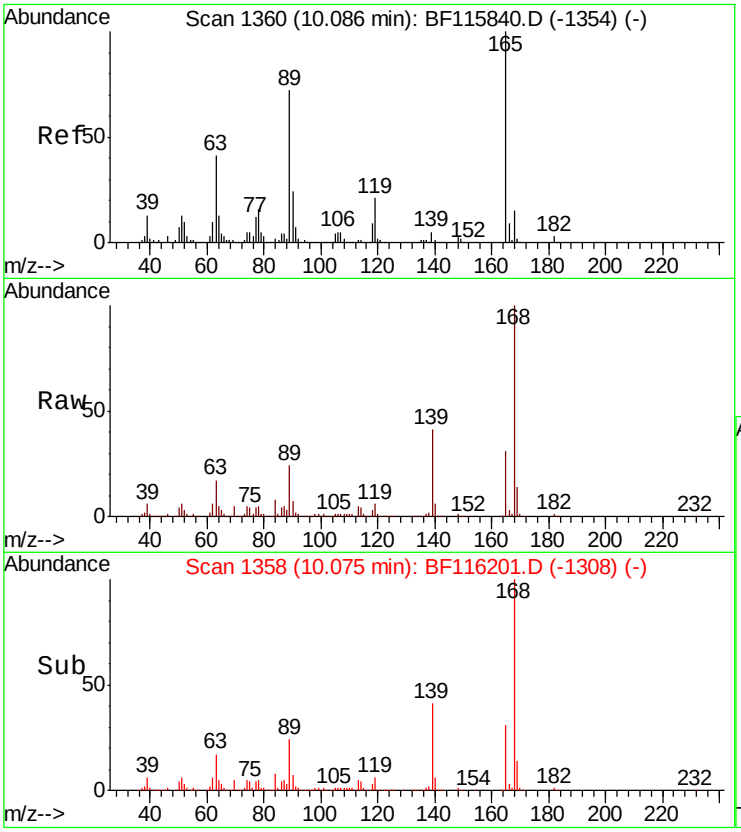


#56
4-Nitrophenol
Concen: 76.583 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:139 Resp: 232261

Ion	Ratio	Lower	Upper
139	100		
109	69.7	54.4	94.4
65	97.8	80.6	120.6



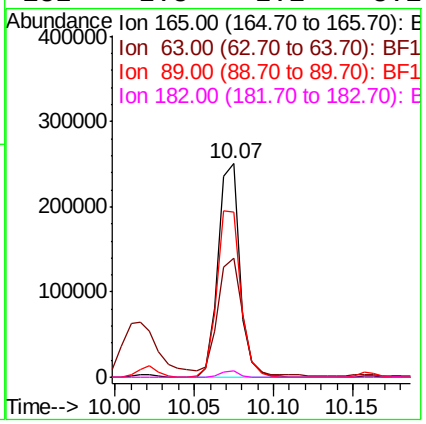


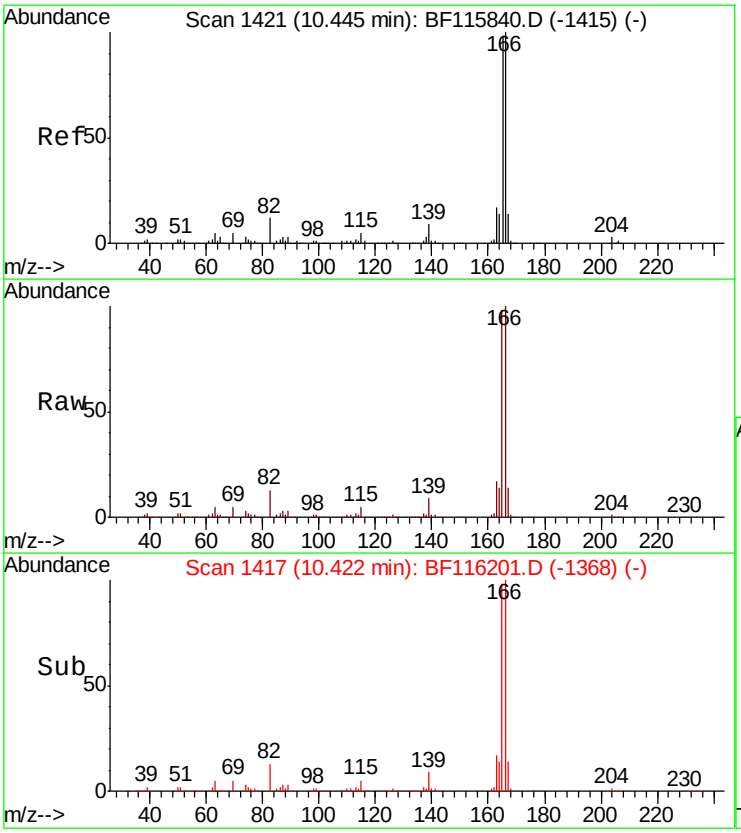
#57
2,4-Dinitrotoluene
Concen: 46.611 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:165 Resp: 237780

Ion	Ratio	Lower	Upper
165	100		
63	56.0	39.6	59.4
89	77.5	62.2	93.2
182	2.8	2.1	3.1

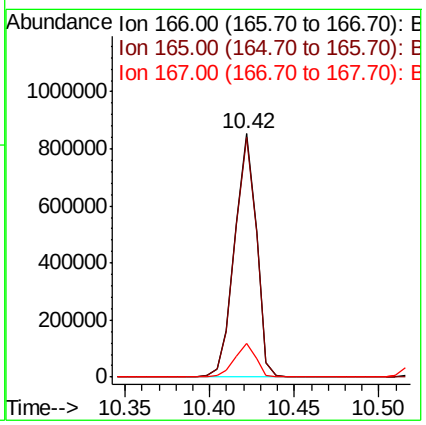


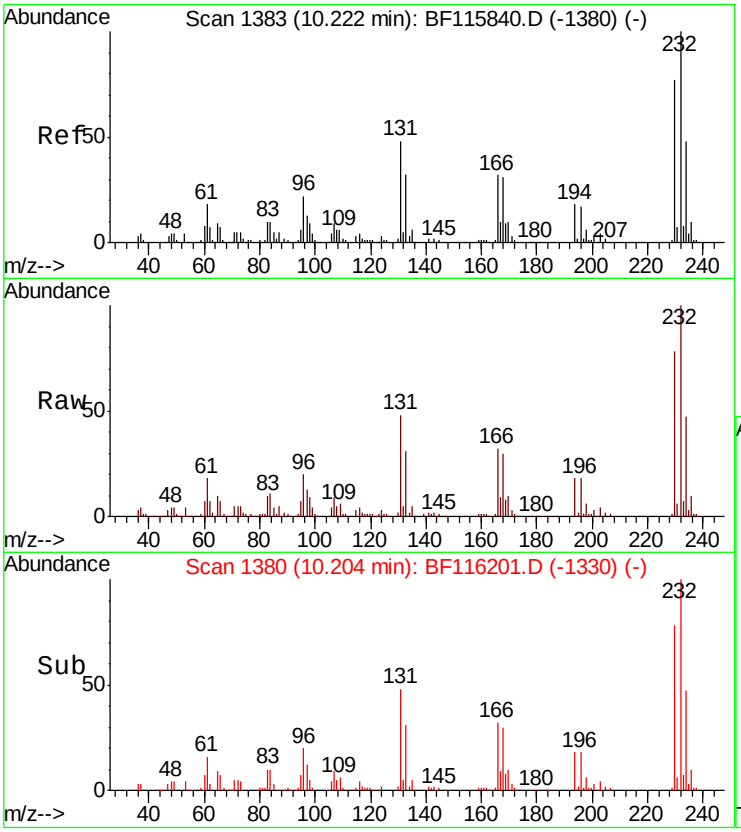


#58
Fluorene
Concen: 49.965 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:166 Resp: 761302

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.9	11.0	16.4



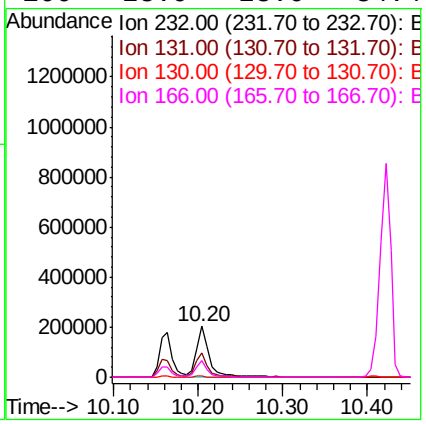


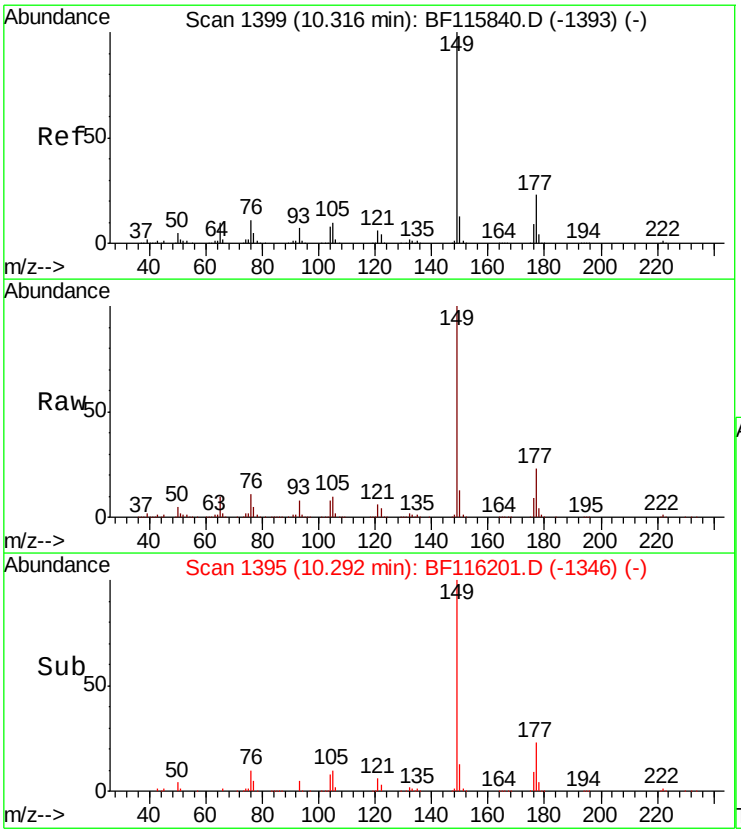
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.747 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:232 Resp: 210289

Ion	Ratio	Lower	Upper
232	100		
131	44.0	36.2	54.2
130	2.5	1.9	2.9
166	28.9	23.0	34.4

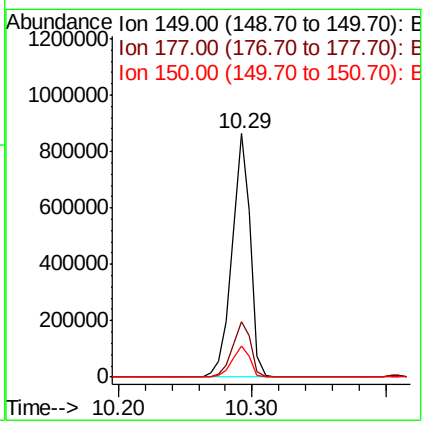


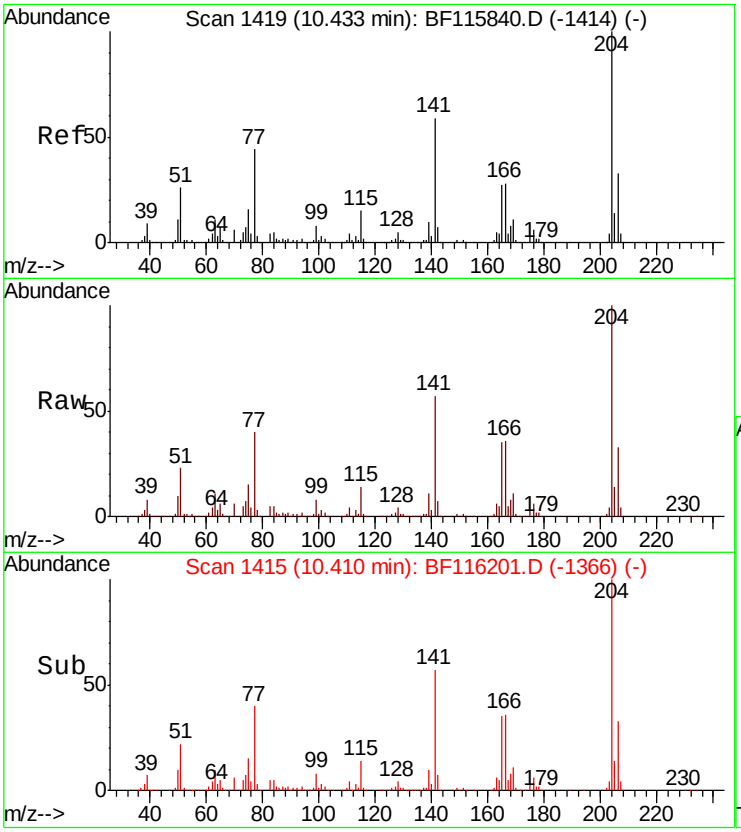


#60
Diethylphthalate
Concen: 50.186 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 826104

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.7	10.2	15.4



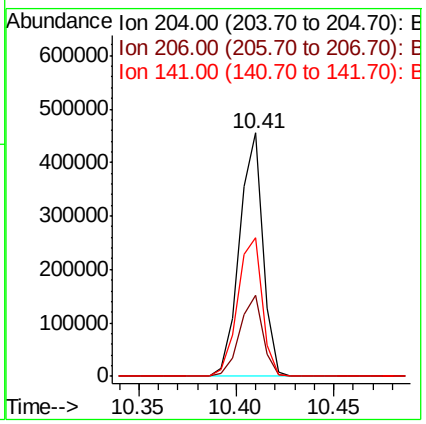


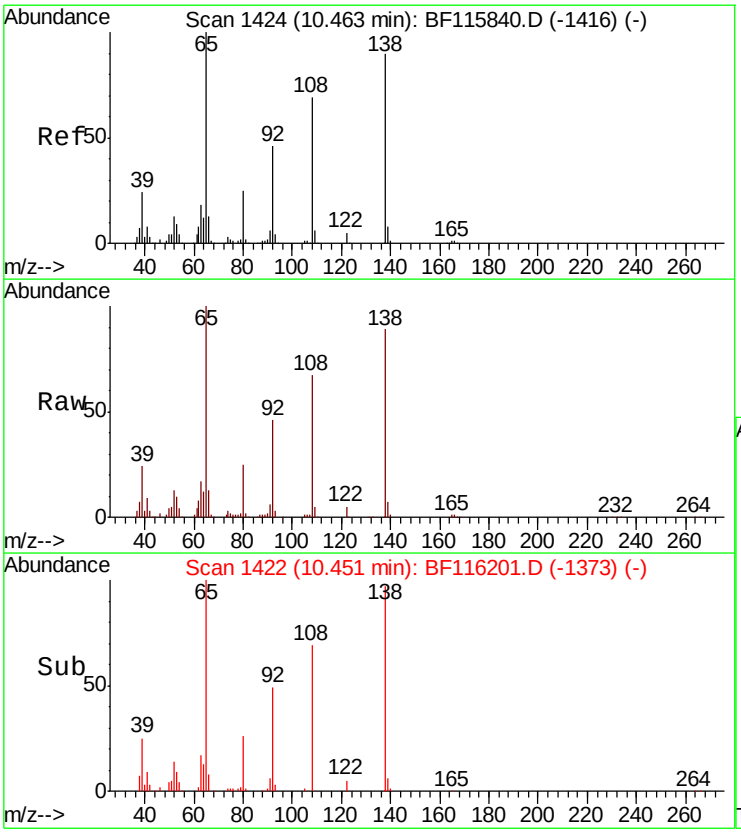
#61
4-Chlorophenyl-phenylether
Concen: 49.184 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:204 Resp: 379538

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	56.8	46.4	69.6

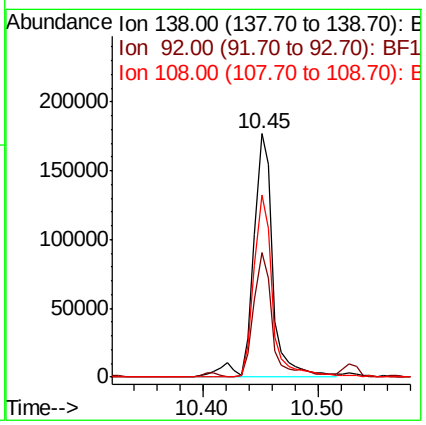


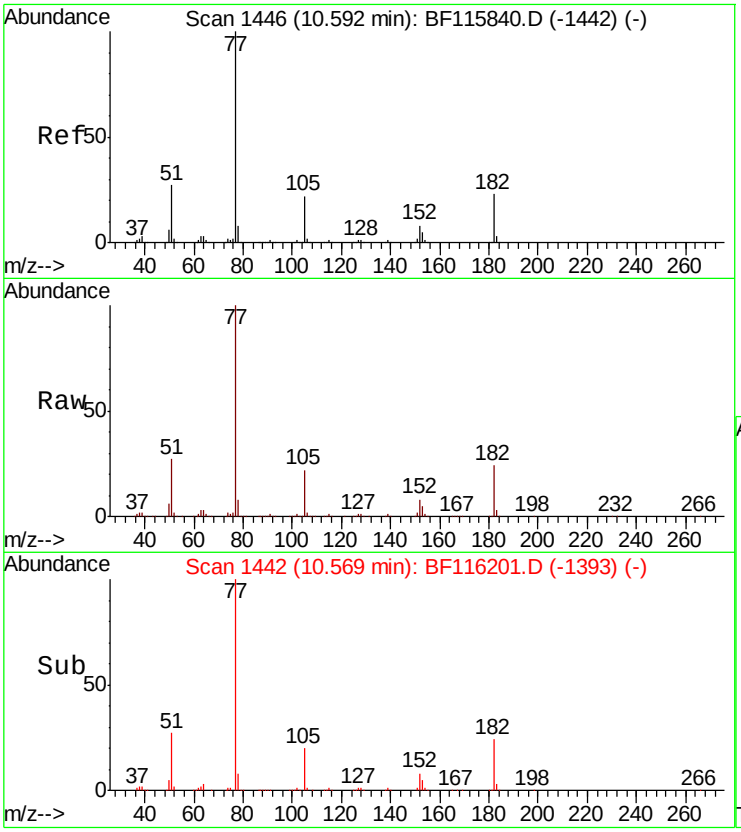


#62
4-Nitroaniline
Concen: 42.734 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:138 Resp: 209081

Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.0	69.0
108	74.7	54.7	94.7



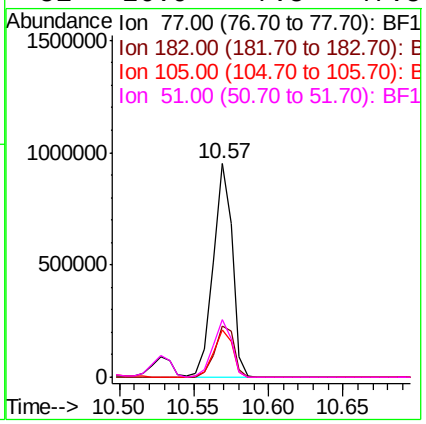


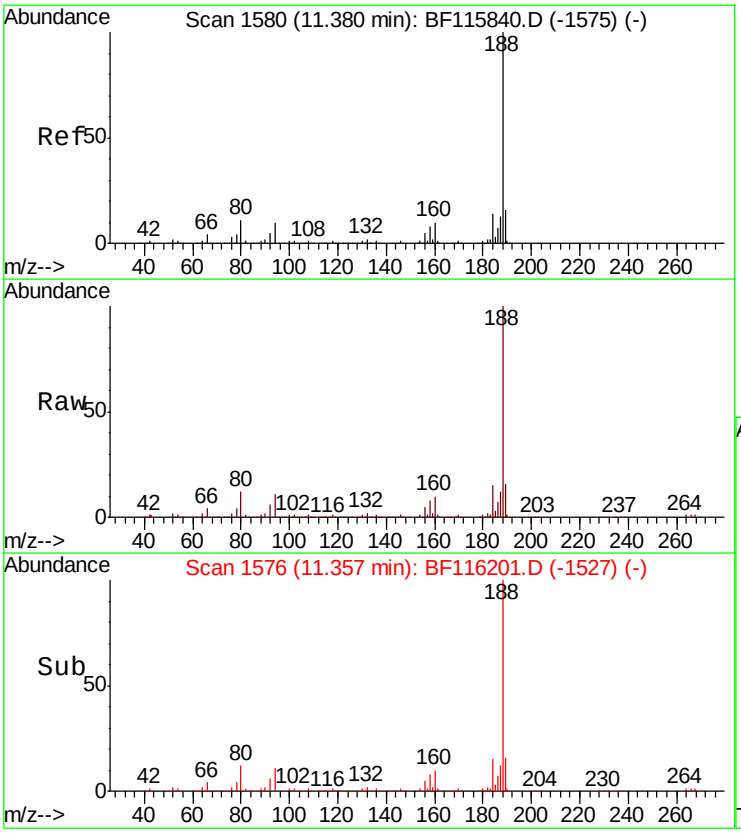
#63
Azobenzene
Concen: 49.912 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion: 77 Resp: 845045

Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.0	44.0
105	22.1	2.0	42.0
51	26.9	7.5	47.5

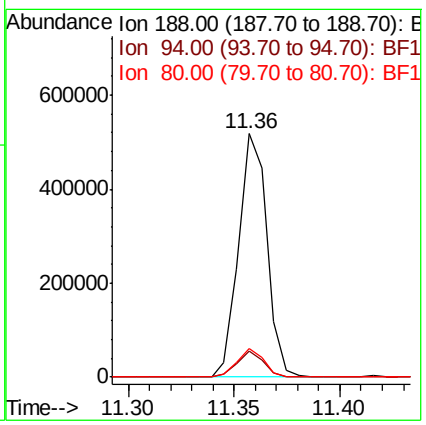


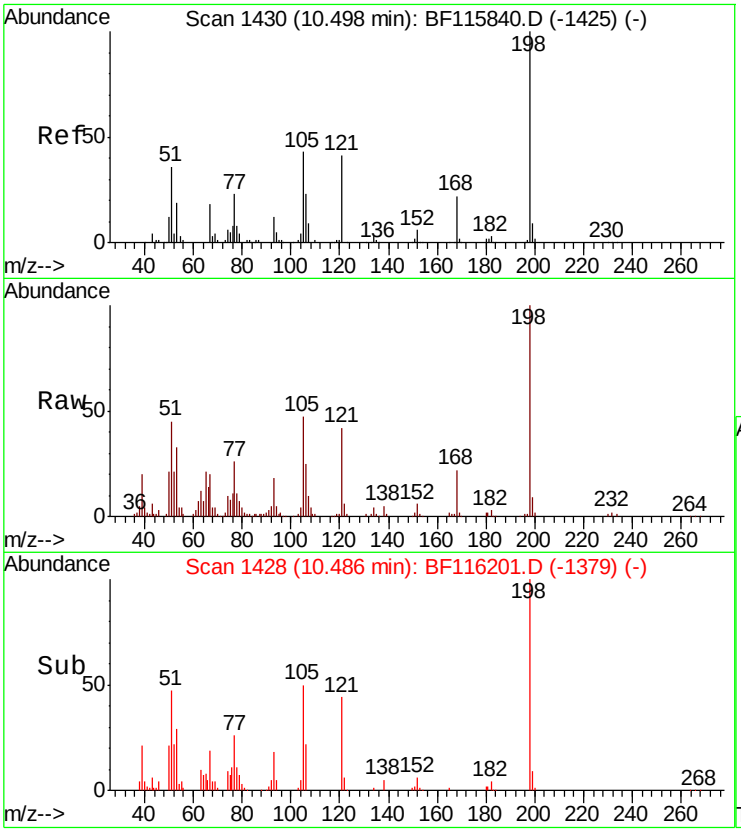


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:188 Resp: 481954

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.1	12.1
80	11.9	8.7	13.1



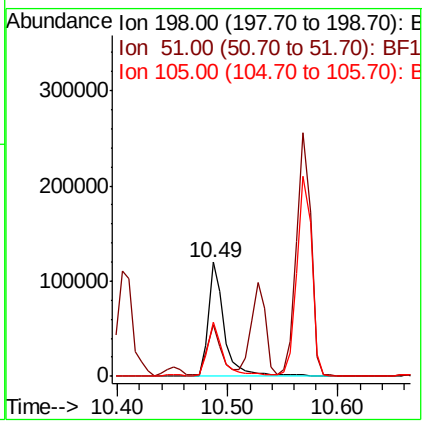


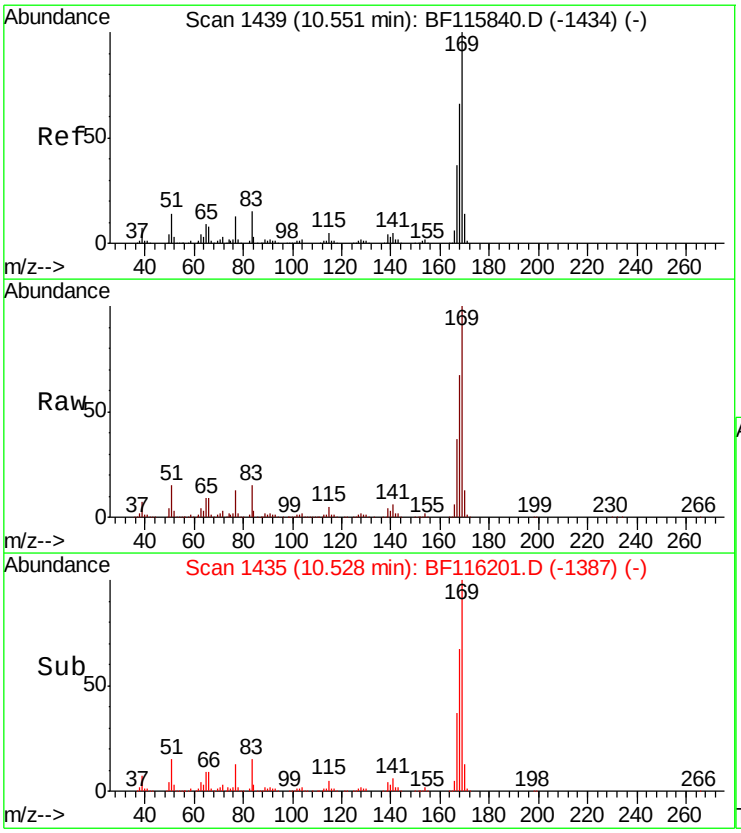
#65
4,6-Dinitro-2-methylphenol
Concen: 45.960 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:198 Resp: 117383

Ion	Ratio	Lower	Upper
198	100		
51	45.0	17.0	57.0
105	47.3	21.6	61.6

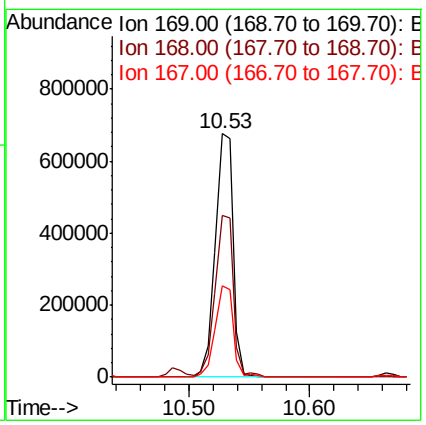


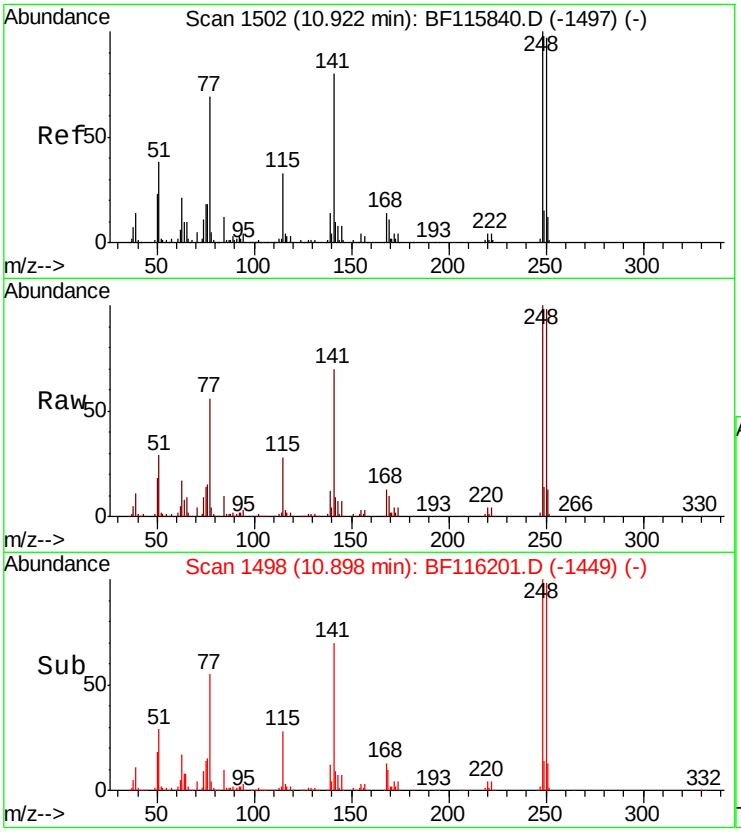


#66
n-Nitrosodiphenylamine
Concen: 47.069 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:169 Resp: 682800

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.6
167	37.3	29.6	44.4



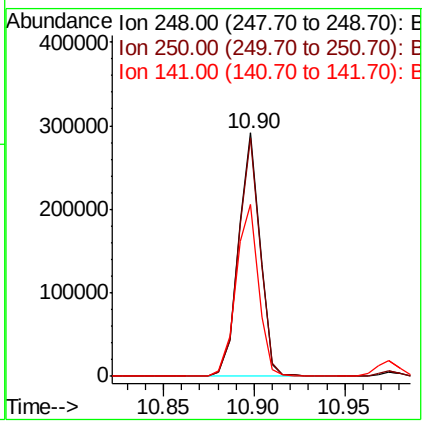


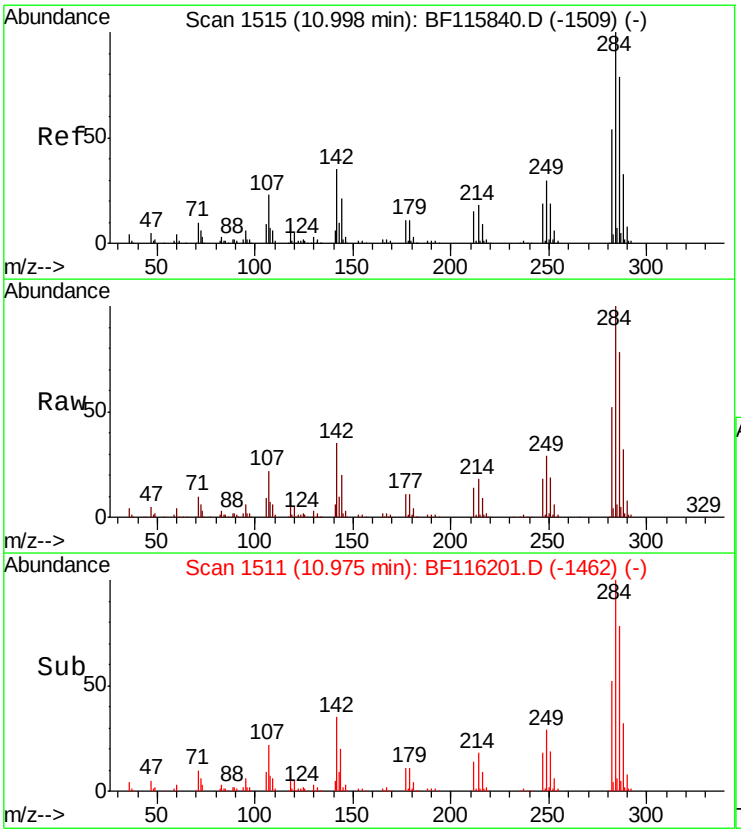
#67
4-Bromophenyl-phenylether
Concen: 46.528 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:248 Resp: 240052

Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.2
141	70.4	56.8	85.2

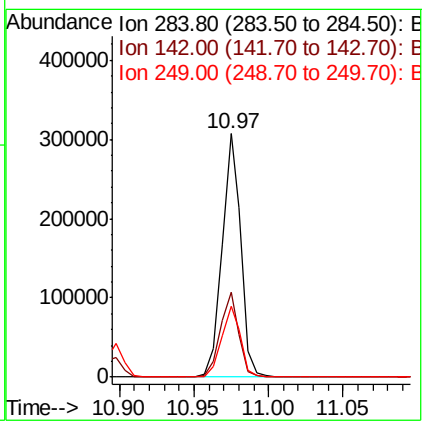


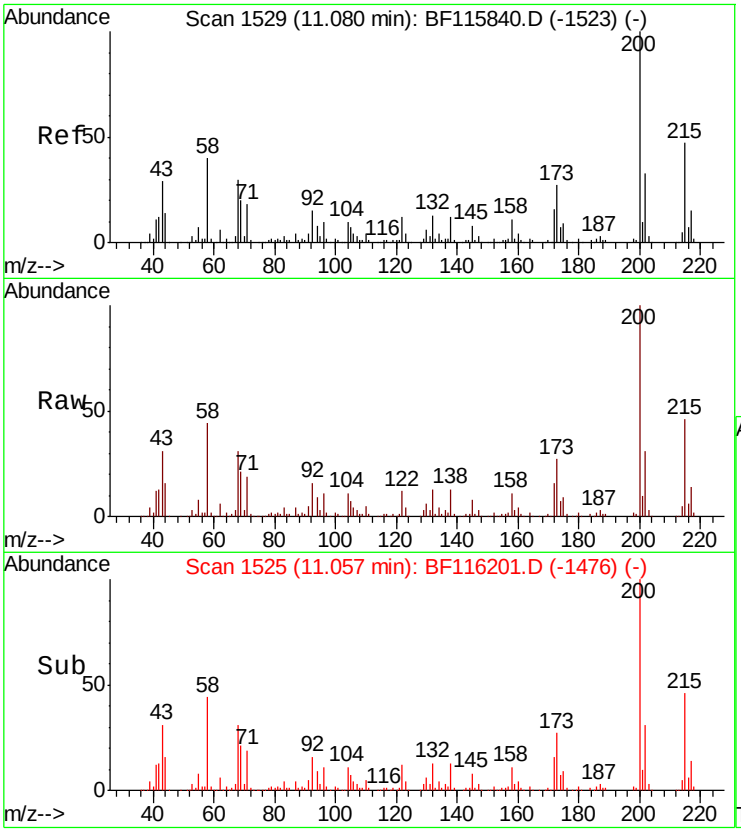


#68
Hexachlorobenzene
Concen: 45.654 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:284 Resp: 272366

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.4	42.6
249	29.3	24.5	36.7



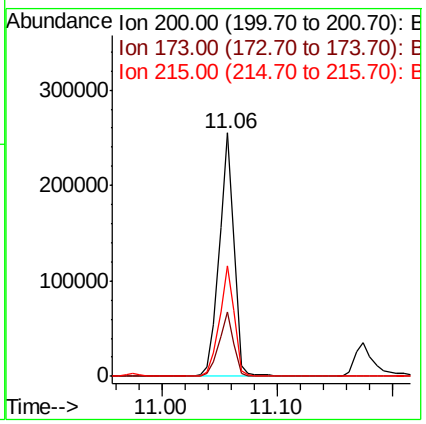


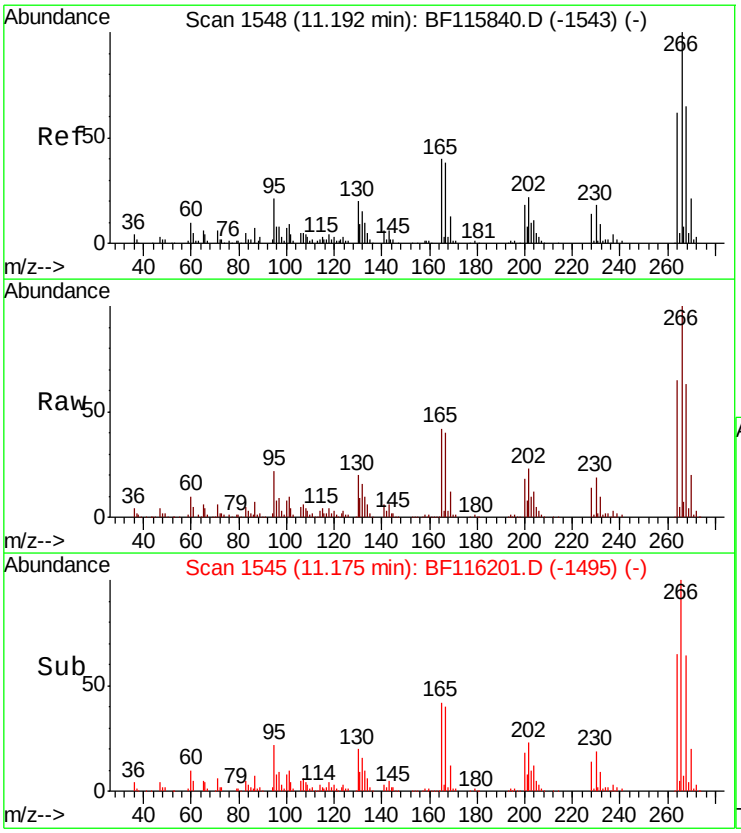
#69
Atrazine
Concen: 47.749 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:200 Resp: 227871

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.8	46.8
215	45.6	27.5	67.5

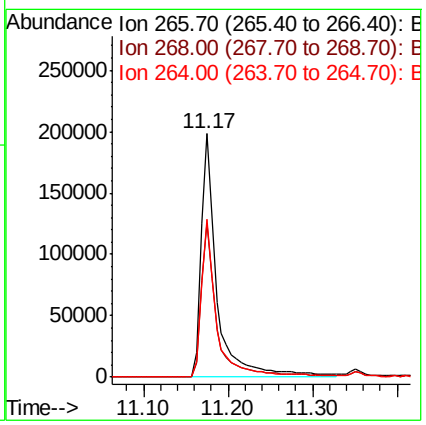


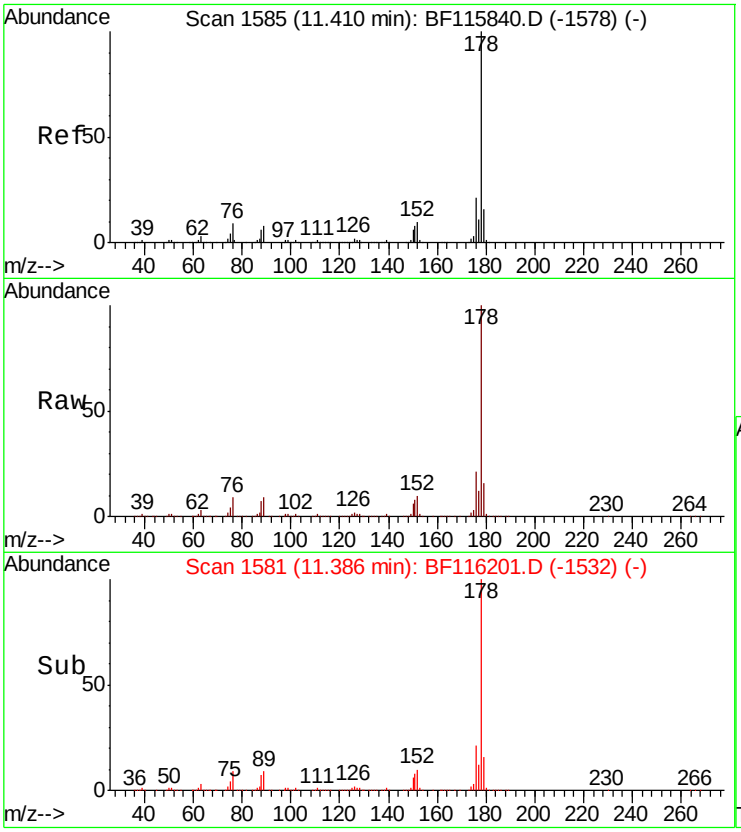


#70
Pentachlorophenol
Concen: 88.874 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:266 Resp: 257419

Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.8	73.2
264	65.0	50.6	76.0



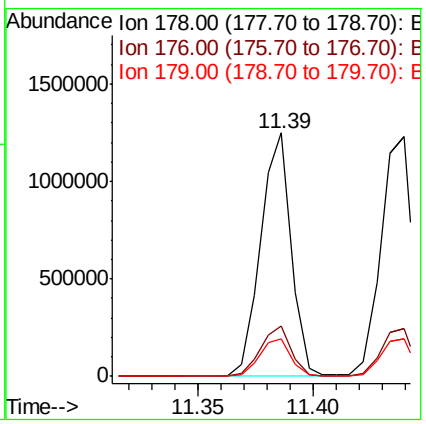


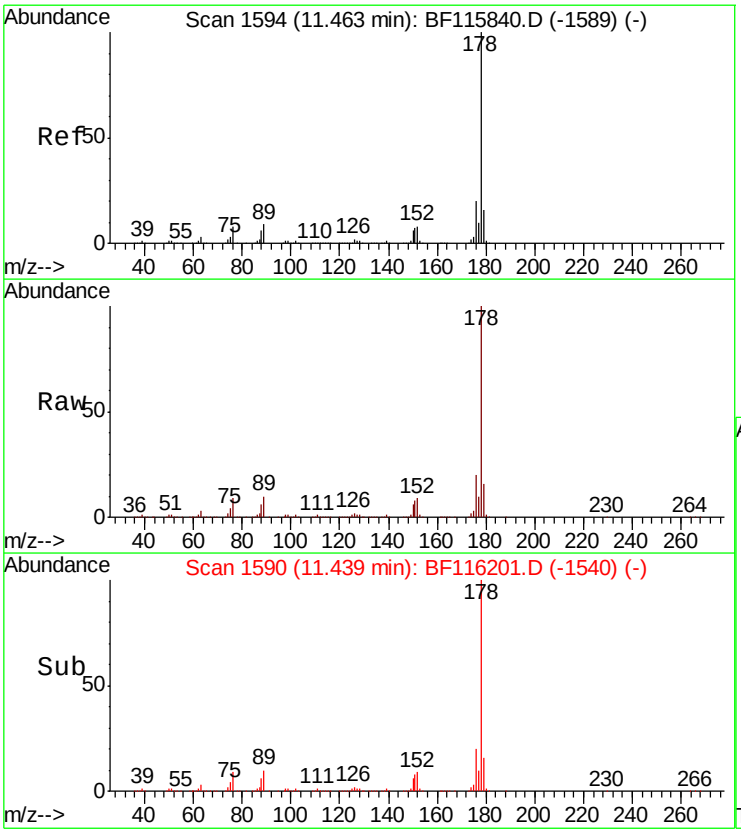
#71
Phenanthrene
Concen: 46.809 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:178 Resp: 1153316

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.6	12.5	18.7

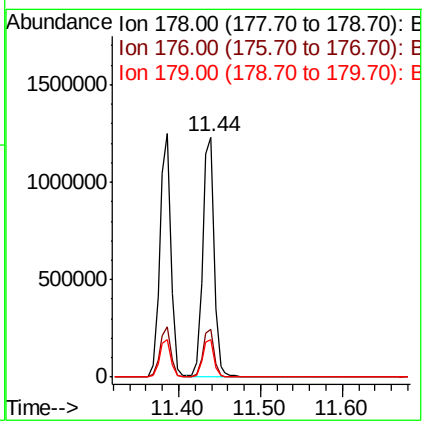


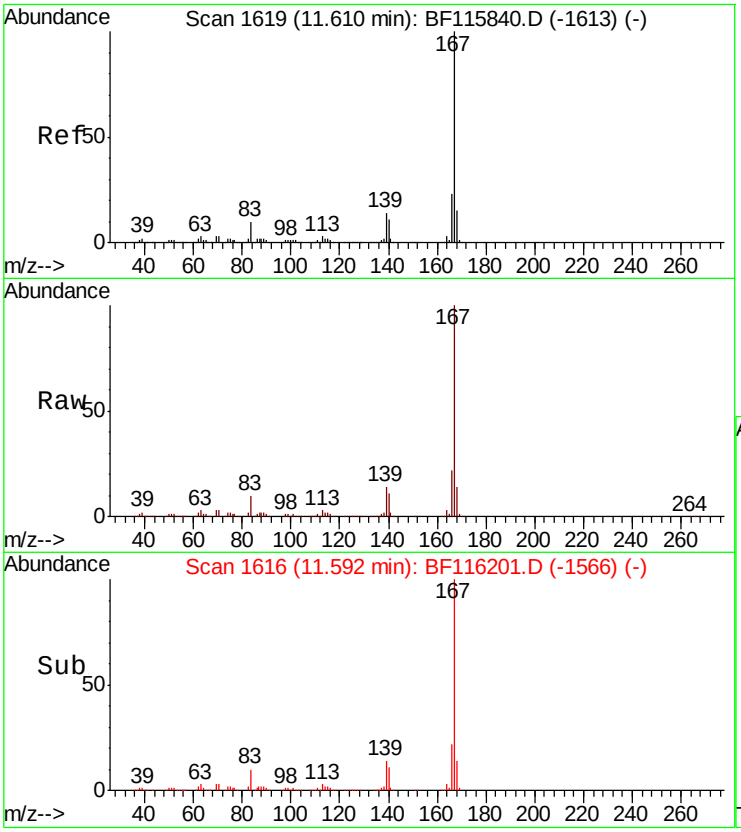


#72
Anthracene
Concen: 48.278 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:178 Resp: 1203819

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	13.0	19.6



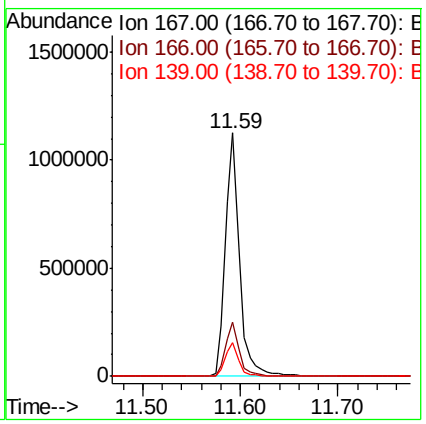


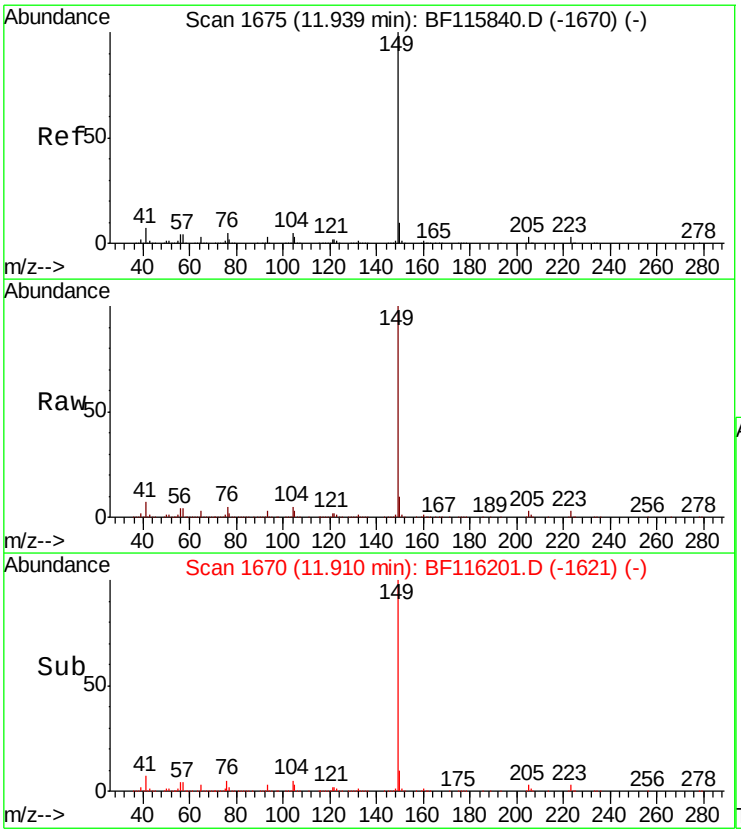
#73
Carbazole
Concen: 49.822 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:167 Resp: 1127092

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.9	11.4	17.0

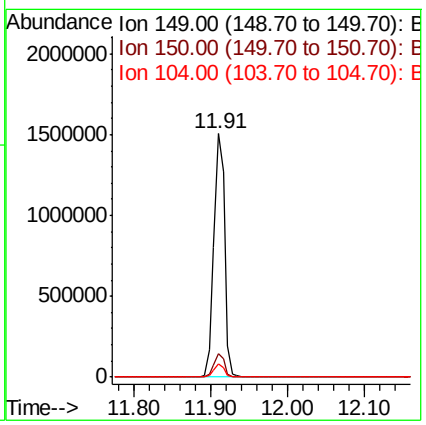


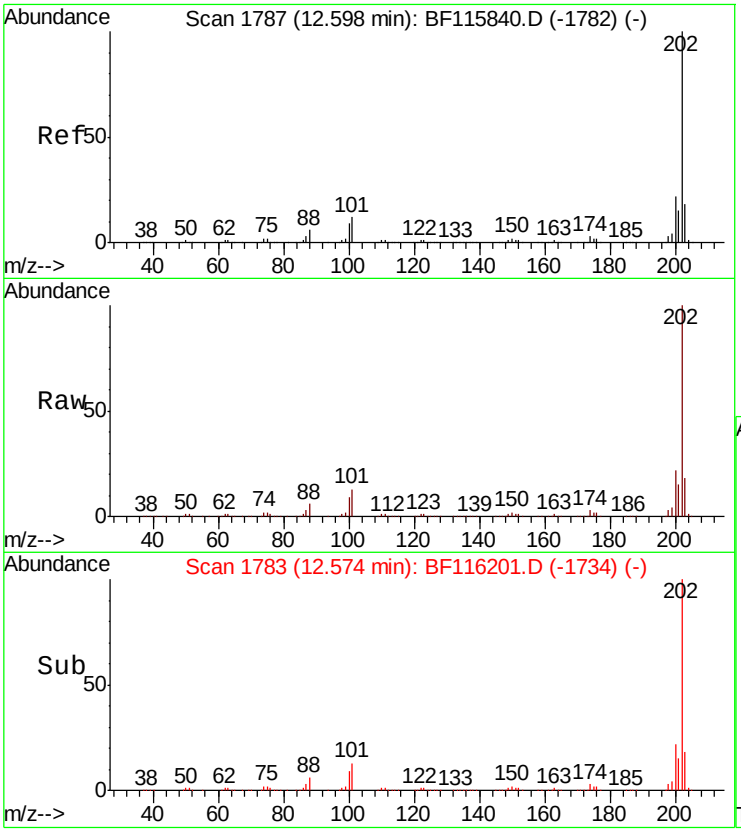


#74
Di-n-butylphthalate
Concen: 53.447 ng
RT: 11.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 1410465

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.4	4.5	6.7



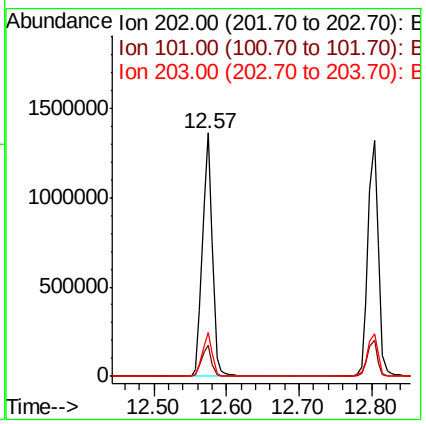


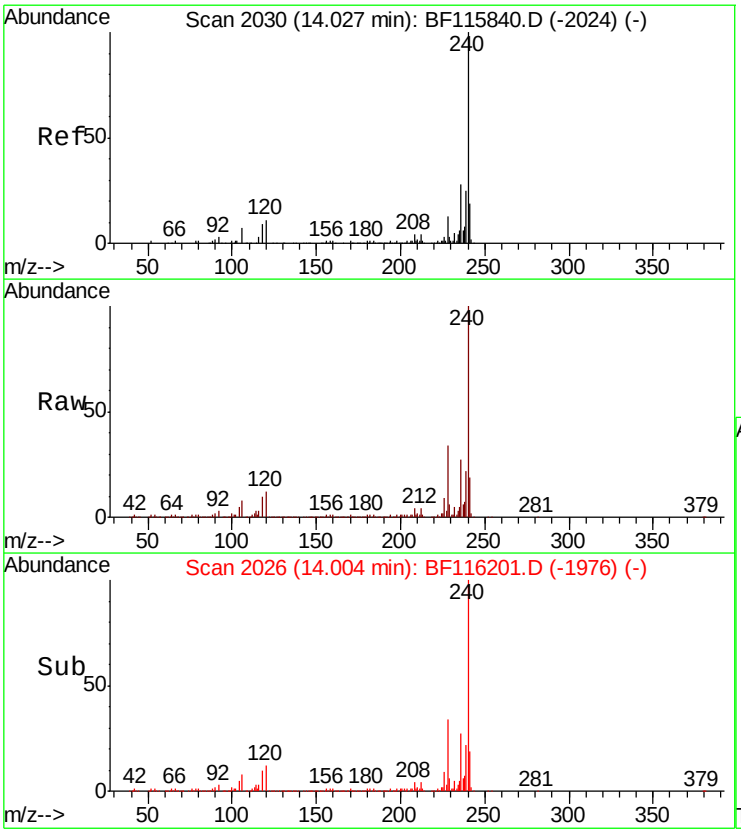
#75
Fluoranthene
Concen: 50.586 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:202 Resp: 1304832

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
203	18.1	0.0	37.8

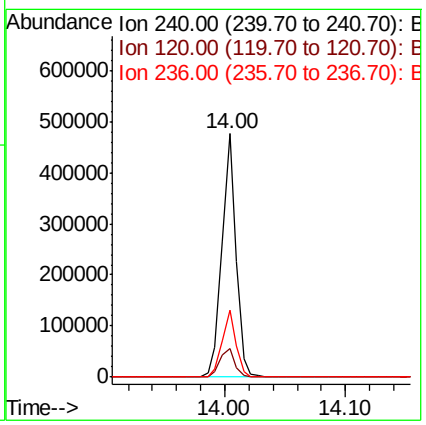


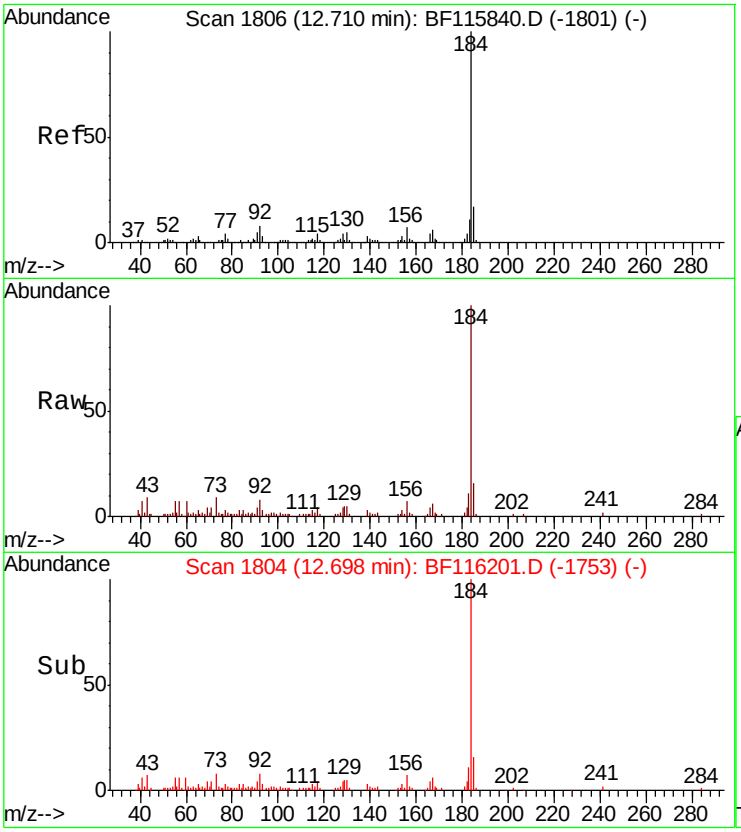


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:240 Resp: 386041

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.4	22.2	33.2



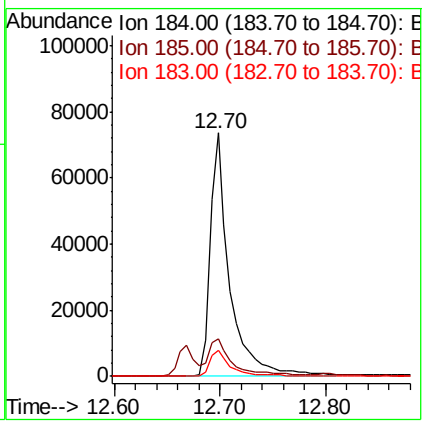


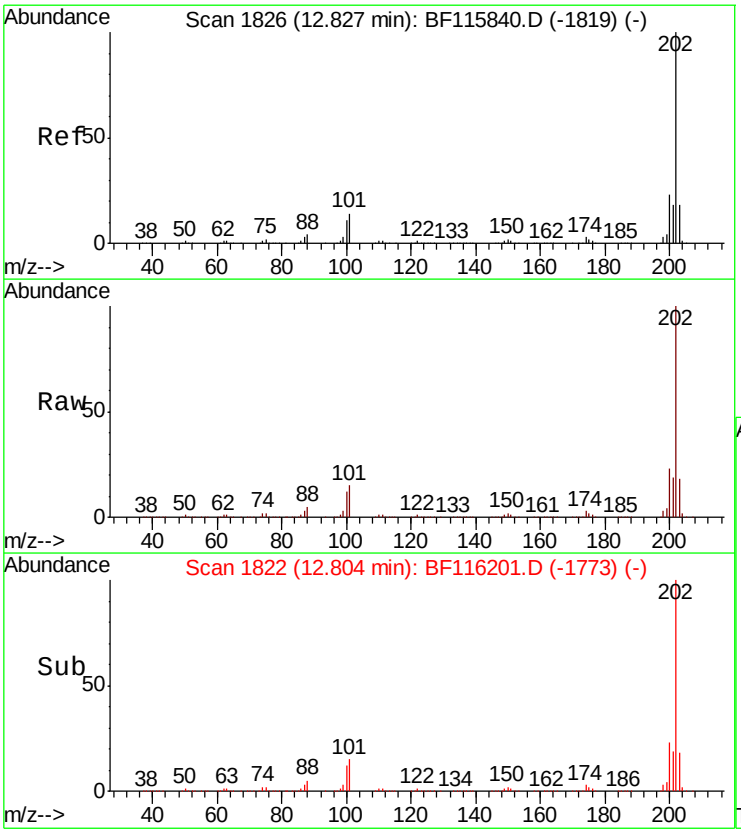
#77
Benzidine
Concen: 7.305 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:184 Resp: 95278

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.8	19.2
183	10.8	9.4	14.0

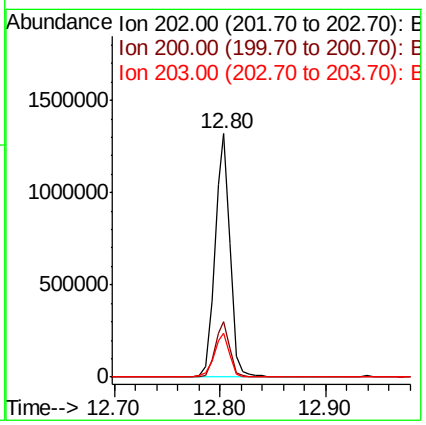


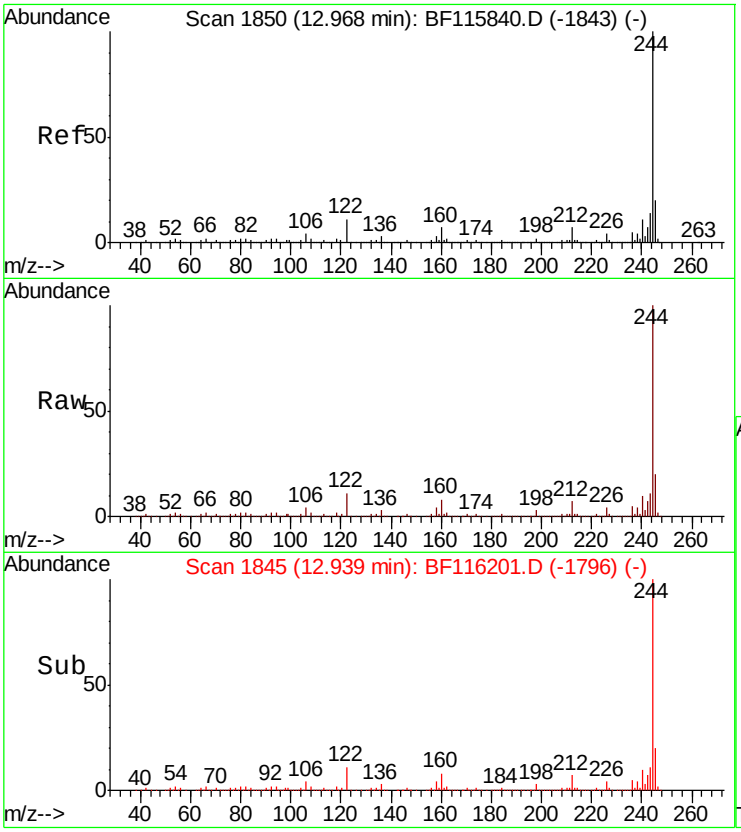


#78
Pyrene
Concen: 45.443 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:202 Resp: 1322413

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	18.1	14.1	21.1



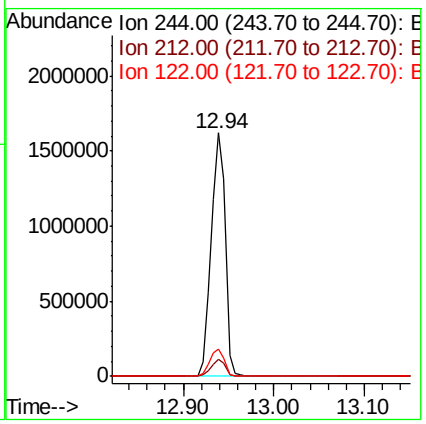


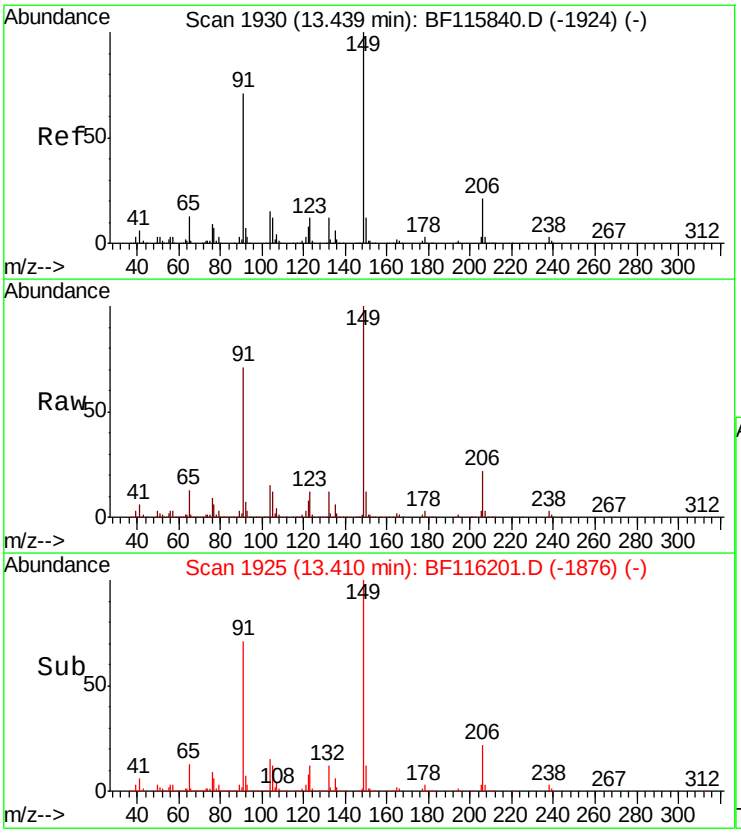
#79
Terphenyl-d14
Concen: 95.780 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:244 Resp: 1754730

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	9.0	13.4

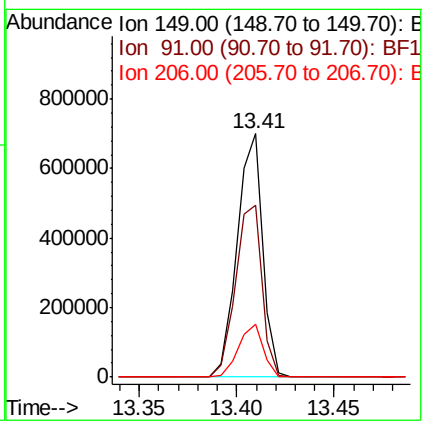


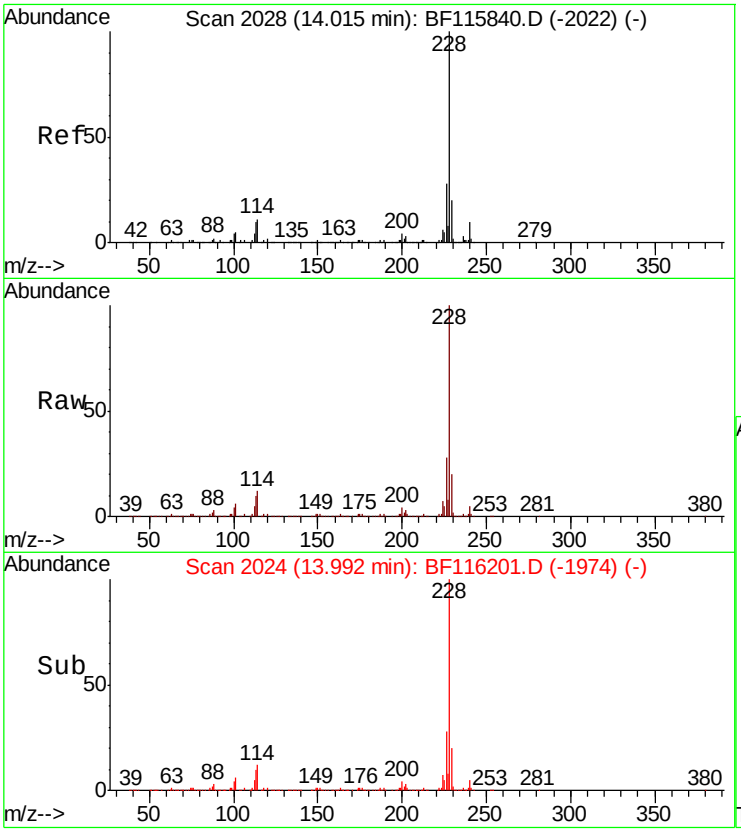


#80
Butylbenzylphthalate
Concen: 51.539 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 634422

Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.3	84.5
206	21.8	18.0	27.0



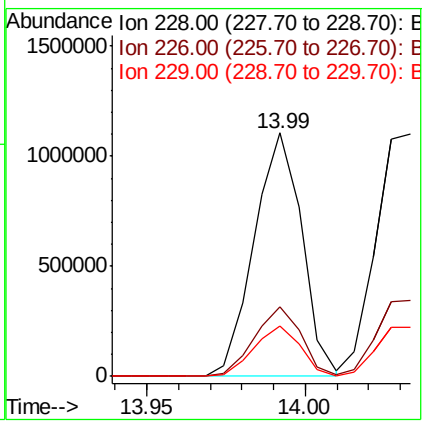


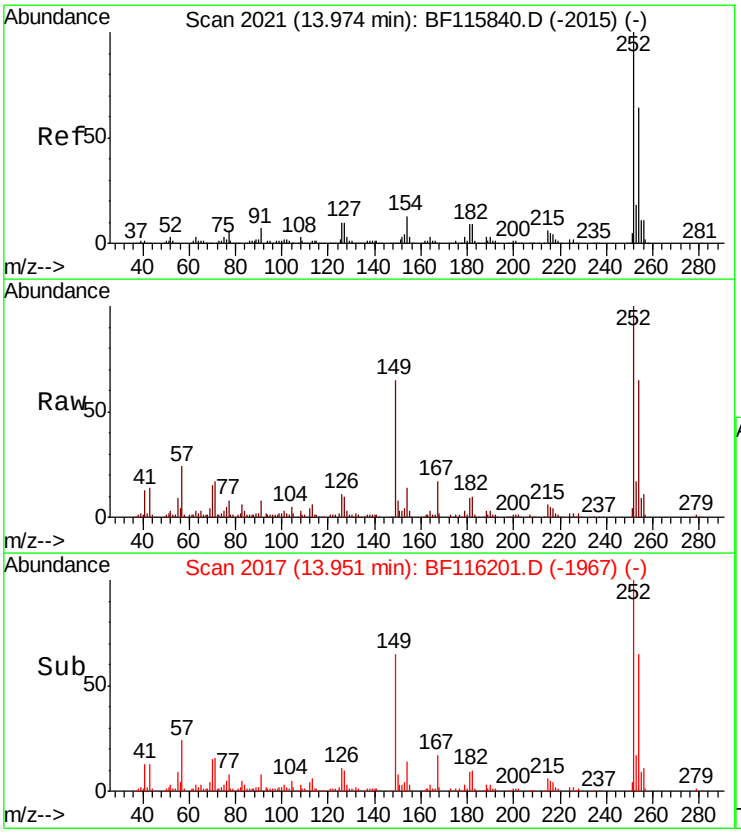
#81
Benzo(a)anthracene
Concen: 46.769 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:228 Resp: 1153990

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.5	16.2	24.4

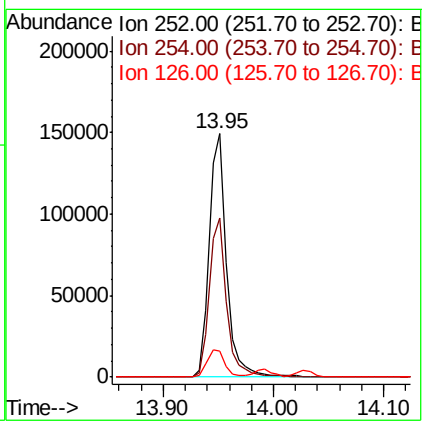


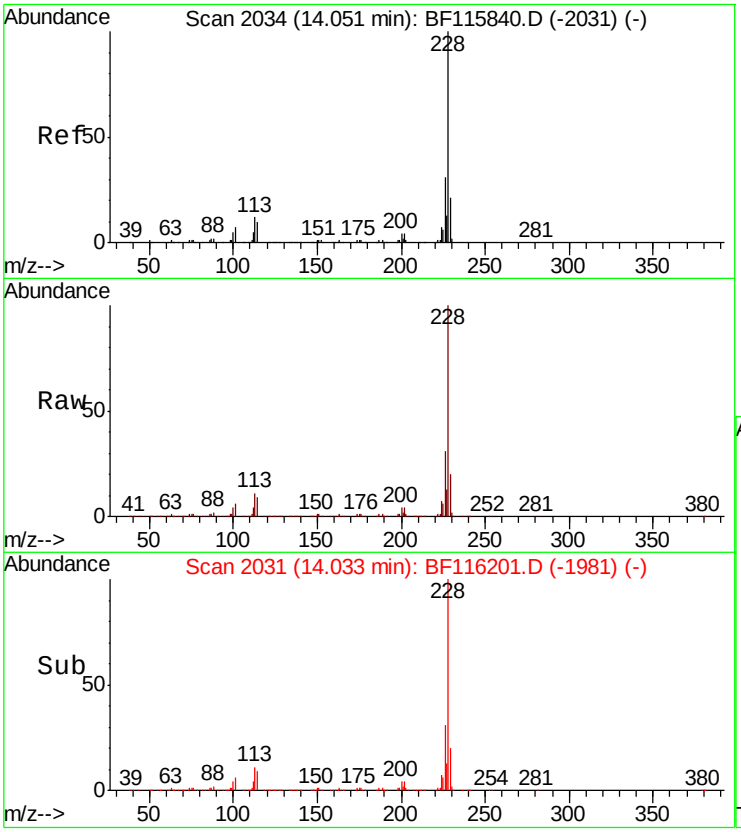


#82
3,3'-Dichlorobenzidine
Concen: 18.635 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:252 Resp: 159748

Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.9	76.3
126	10.6	9.8	14.8



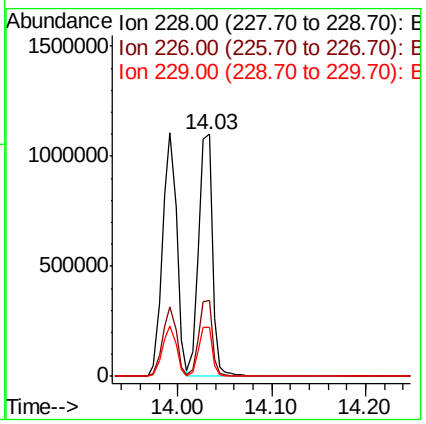


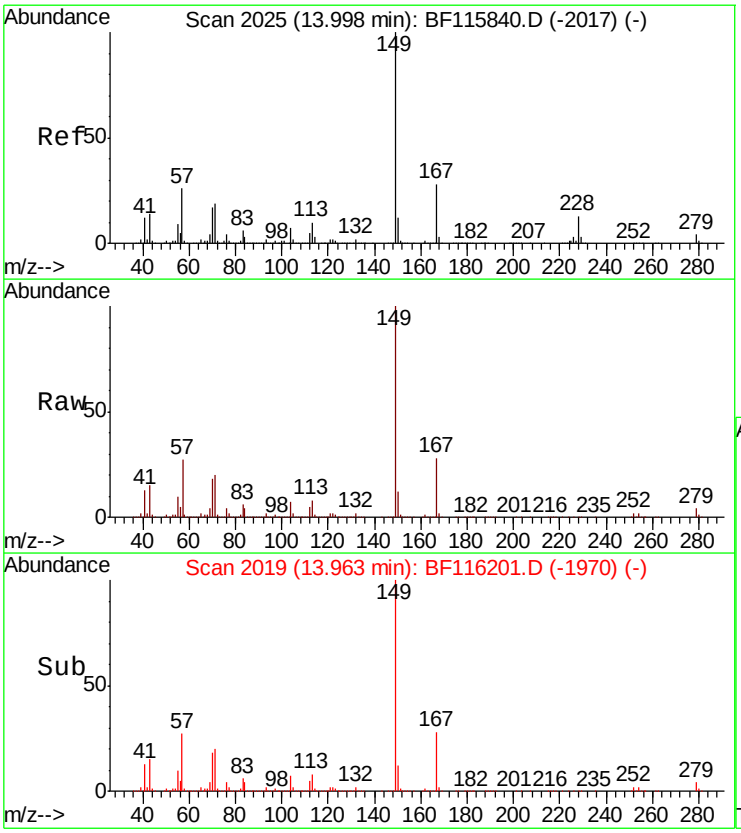
#83
Chrysene
Concen: 46.936 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:228 Resp: 1124350

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.3	16.6	24.8

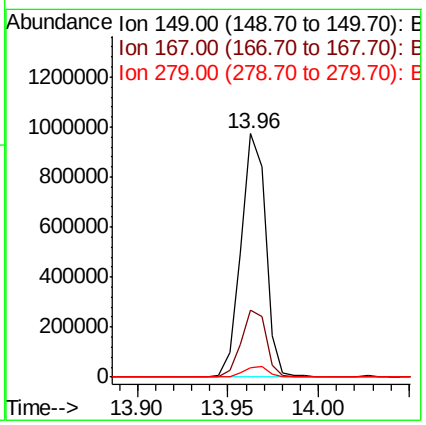


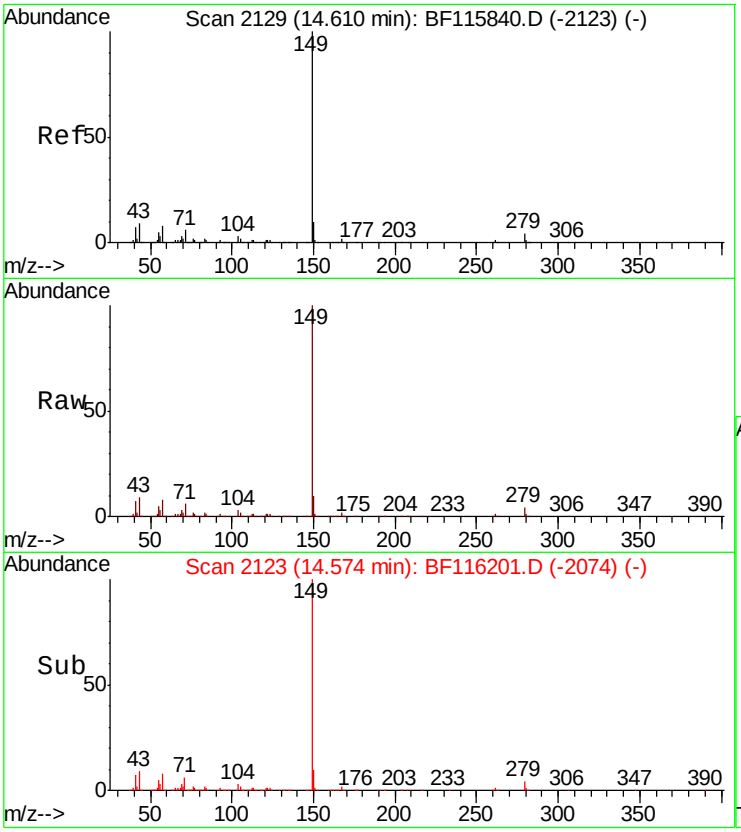


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.652 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:149 Resp: 922205

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	3.8	3.0	4.4



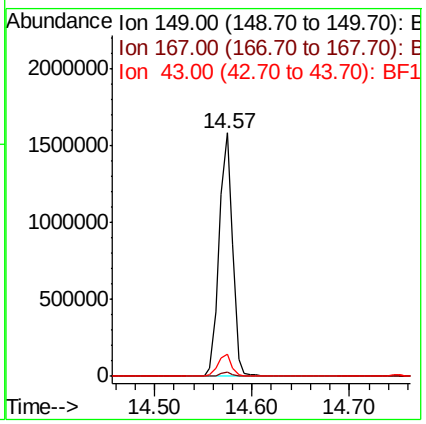


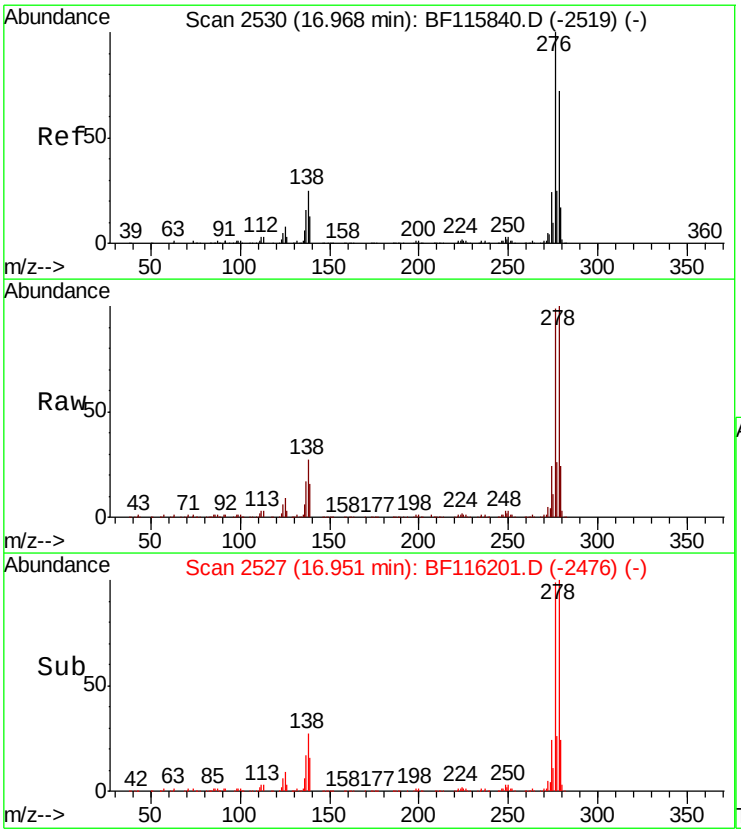
#85
Di-n-octyl phthalate
Concen: 59.165 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:149 Resp: 1503259

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

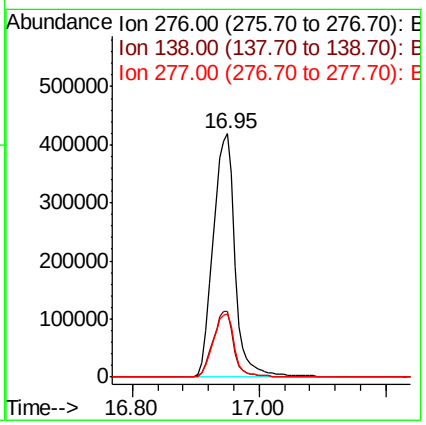


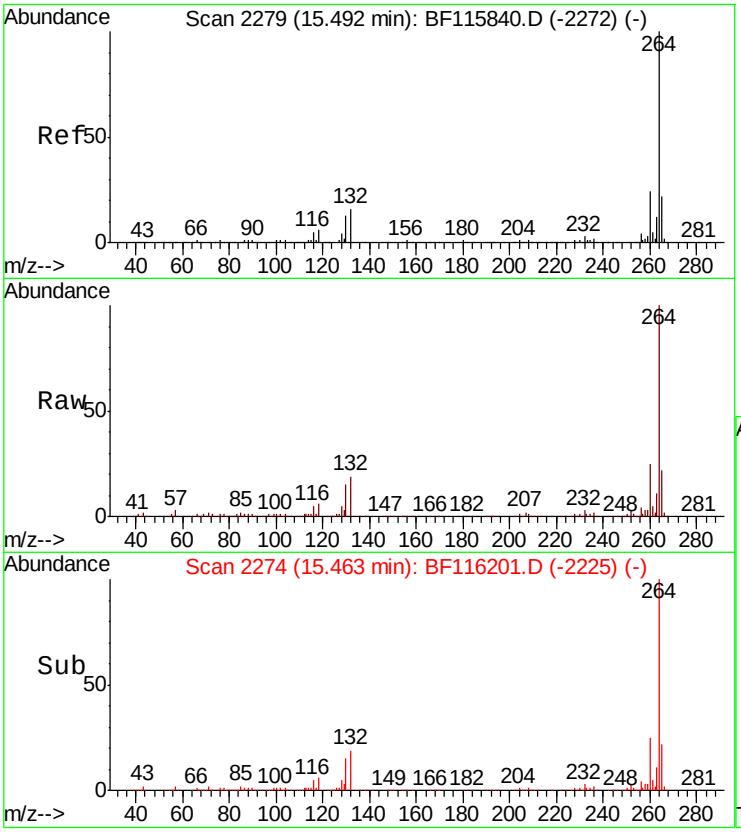


#86
Indeno(1,2,3-cd)pyrene
Concen: 50.657 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:276 Resp: 1019210

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.6	20.0	30.0



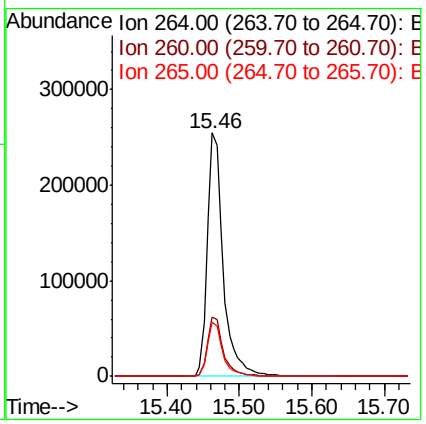


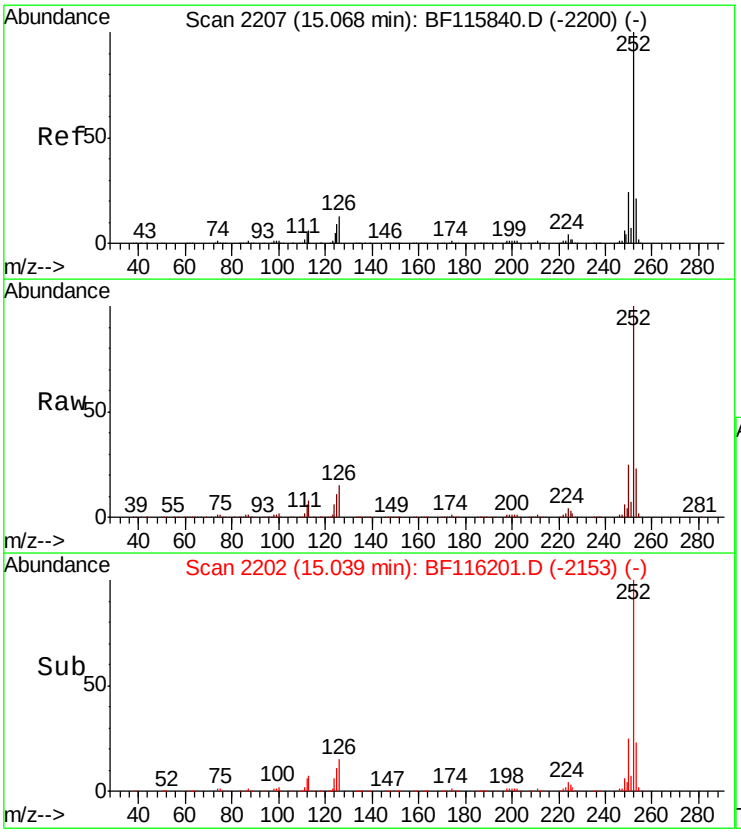
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:264 Resp: 388242

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.1	17.4	26.0

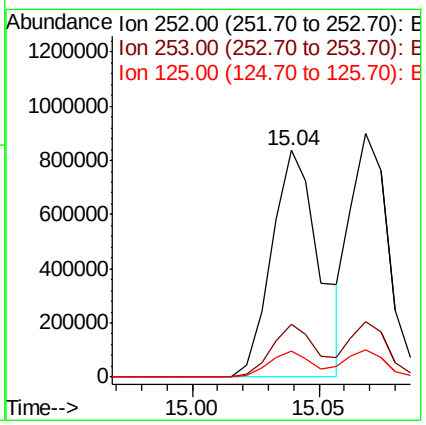


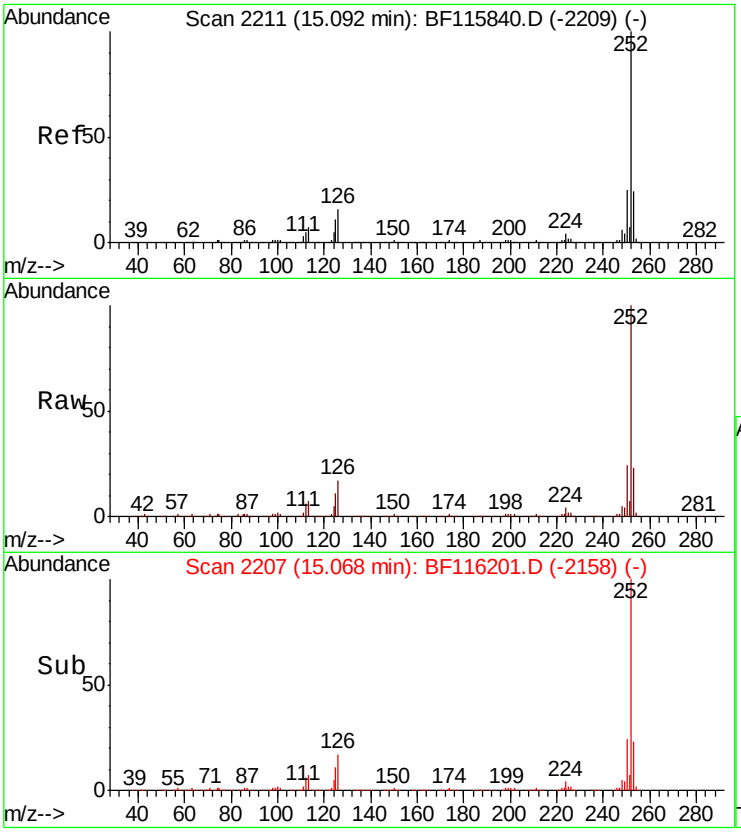


#88
Benzo(b)fluoranthene
Concen: 49.110 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:252 Resp: 1102452

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.5	8.4	12.6



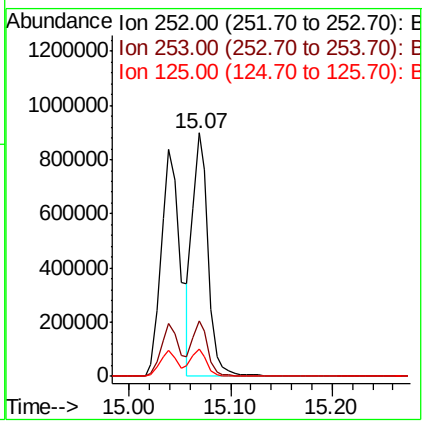


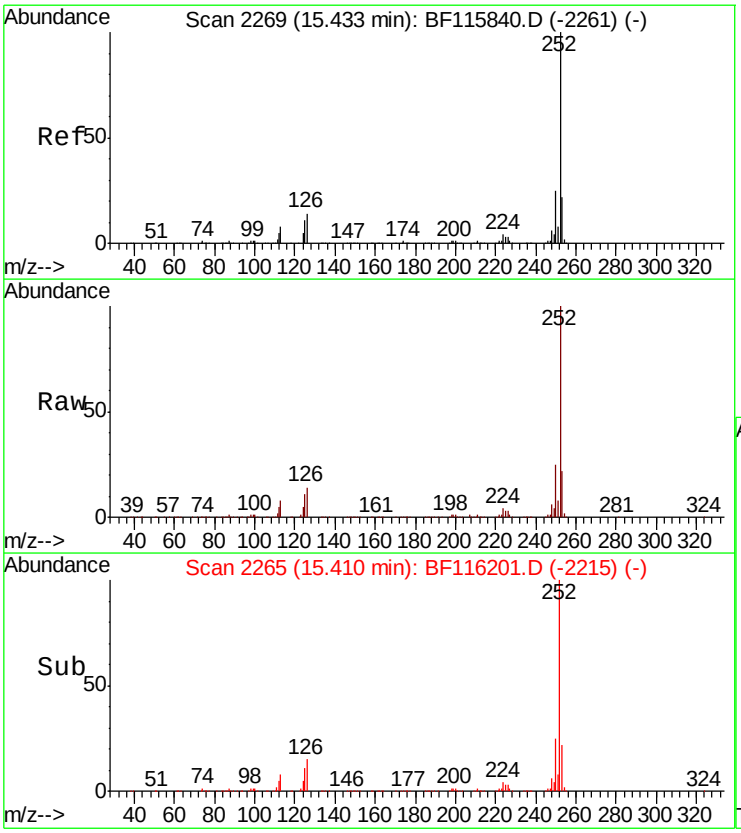
#89
Benzo(k)fluoranthene
Concen: 43.500 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:252 Resp: 951147

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	11.2	7.7	11.5

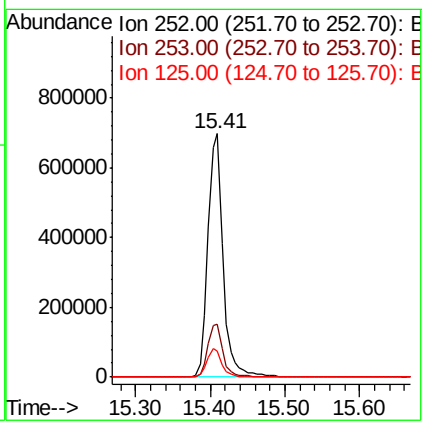


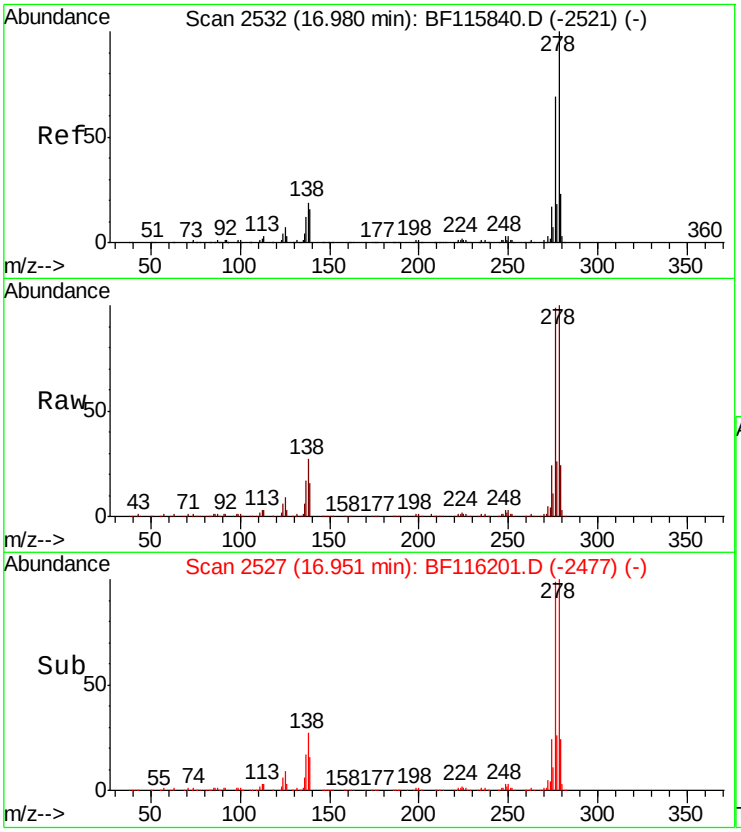


#90
Benzo(a)pyrene
Concen: 48.653 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:252 Resp: 976336

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	8.9	13.3



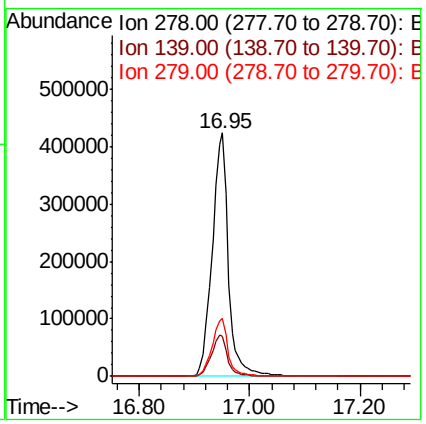


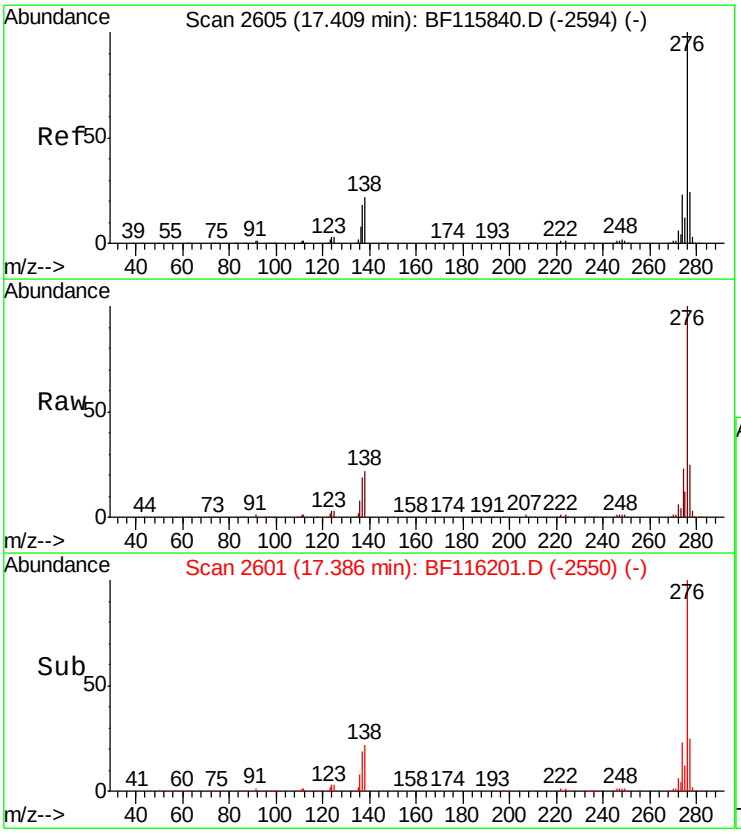
#91
Dibenzo(a,h)anthracene
Concen: 49.925 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMSD

Tgt Ion:278 Resp: 867213

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	23.6	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 50.052 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF116201.D
Acq: 12 Aug 2019 20:58

Tgt Ion:276 Resp: 853856

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	22.2	17.0	25.6