Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116433.D
Acq On : 20 Aug 2019 14:29
Operator : HP/JU
Sample : K4165-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:14 PM

Quant Time: Aug 20 15:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108527	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	440223	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	245922	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	444875	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	331876	20.00	ng		-0.01
87) Perylene-d12	15.42	264	332405	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	543264	83.80	ng		0.00
7) Phenol-d6	6.46	99	687376	84.04	ng		0.00
23) Nitrobenzene-d5	7.37	82	430123	56.40	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	195195	81.87	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	730911	55.67	ng		-0.01
79) Terphenyl-d14	12.90	244	854587	54.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	111654	34.092	ng		97
3) Pyridine	3.32	79	282554	30.885	ng		99
4) n-Nitrosodimethylamine	3.26	42	123674	34.255	ng		97
6) Aniline	6.47	93	355569	30.355	ng	#	42
8) 2-Chlorophenol	6.60	128	300078	41.859	ng		97
9) Benzaldehyde	6.36	77	148796	26.366	ng		99
10) Phenol	6.47	94	390467	40.539	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	285501	40.317	ng		99
12) 1,3-Dichlorobenzene	6.75	146	318065	38.391	ng		98
13) 1,4-Dichlorobenzene	6.82	146	327686	39.502	ng		98
14) 1,2-Dichlorobenzene	6.97	146	302938	39.660	ng		98
15) Benzyl Alcohol	6.96	79	249590	40.210	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	375777	38.904	ng		63
17) 2-Methylphenol	7.07	107	251817	41.485	ng	#	90
18) Hexachloroethane	7.31	117	116250	38.063	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	214478	42.316	ng		95
20) 3+4-Methylphenols	7.23	107	332835	46.335	ng	#	77
22) Acetophenone	7.22	105	416032	43.091	ng	#	93
24) Nitrobenzene	7.39	77	337078	40.933	ng		98
25) Isophorone	7.63	82	609631	41.804	ng		99
26) 2-Nitrophenol	7.71	139	164702	42.430	ng		95
27) 2,4-Dimethylphenol	7.75	122	270724	46.357	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	371732	41.126	ng		100
29) 2,4-Dichlorophenol	7.96	162	267724	43.418	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	277219	39.440	ng		99
31) Naphthalene	8.10	128	870023	41.998	ng		99
32) Benzoic acid	7.90	122	121816	29.586	ng		99
33) 4-Chloroaniline	8.16	127	274851	29.694	ng		98
34) Hexachlorobutadiene	8.22	225	157344	38.863	ng		99
35) Caprolactam	8.53	113	85763m	43.003	ng		
36) 4-Chloro-3-methylphenol	8.66	107	280768	43.768	ng		97
37) 2-Methylnaphthalene	8.80	142	587114	43.033	ng		98
38) 1-Methylnaphthalene	8.89	142	546805	42.365	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	265459	40.377	ng		99

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
Jagrut
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Quant Time: Aug 20 15:36:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	76099	29.797	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	168217	37.172	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	176290	37.686	ng		98
46) 1,1'-Biphenyl	9.26	154	720479	41.497	ng		99
47) 2-Chloronaphthalene	9.29	162	566378	39.195	ng		99
48) 2-Nitroaniline	9.39	65	185321	38.800	ng		99
49) Acenaphthylene	9.70	152	861114	40.847	ng		99
50) Dimethylphthalate	9.56	163	813341	48.574	ng		100
51) 2,6-Dinitrotoluene	9.63	165	150245	41.289	ng	#	84
52) Acenaphthene	9.87	154	523165	40.451	ng		98
53) 3-Nitroaniline	9.80	138	132850	29.547	ng		99
54) 2,4-Dinitrophenol	9.93	184	91389	52.369	ng		99
55) Dibenzofuran	10.05	168	758061	40.304	ng		100
56) 4-Nitrophenol	9.99	139	163462	56.751	ng		93
57) 2,4-Dinitrotoluene	10.05	165	191277	39.480	ng		95
58) Fluorene	10.39	166	625302	43.212	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	156667	39.809	ng		97
60) Diethylphthalate	10.26	149	666782	42.652	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	314909	42.969	ng		97
62) 4-Nitroaniline	10.42	138	169430	36.463	ng		98
63) Azobenzene	10.53	77	681721	42.397	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	91420	38.778	ng		100
66) n-Nitrosodiphenylamine	10.49	169	555985	41.522	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	191794	40.273	ng		97
68) Hexachlorobenzene	10.94	284	213586	38.785	ng		99
69) Atrazine	11.02	200	181507	41.203	ng		99
70) Pentachlorophenol	11.15	266	145173	54.299	ng		98
71) Phenanthrene	11.35	178	945205	41.560	ng		100
72) Anthracene	11.40	178	980695	42.608	ng		99
73) Carbazole	11.56	167	896226	42.919	ng		100
74) Di-n-butylphthalate	11.87	149	1108244	45.495	ng		99
75) Fluoranthene	12.54	202	1015477	42.650	ng		98
77) Benzidine	12.66	184	421969	37.635	ng		97
78) Pyrene	12.77	202	1025581	40.995	ng		99
80) Butylbenzylphthalate	13.37	149	487063	46.026	ng		96
81) Benzo(a)anthracene	13.96	228	859773	40.532	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	284417	38.593	ng		100
83) Chrysene	13.99	228	849155	41.233	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	705994	51.338	ng		99
85) Di-n-octyl phthalate	14.53	149	1133921	51.913	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	835683	48.315	ng		100
88) Benzo(b)fluoranthene	15.00	252	792880	41.253	ng		99
89) Benzo(k)fluoranthene	15.03	252	734809	39.251	ng		98
90) Benzo(a)pyrene	15.36	252	739028	43.014	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	702887	47.262	ng		99
92) Benzo(g,h,i)perylene	17.32	276	699953	47.923	ng		97

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

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Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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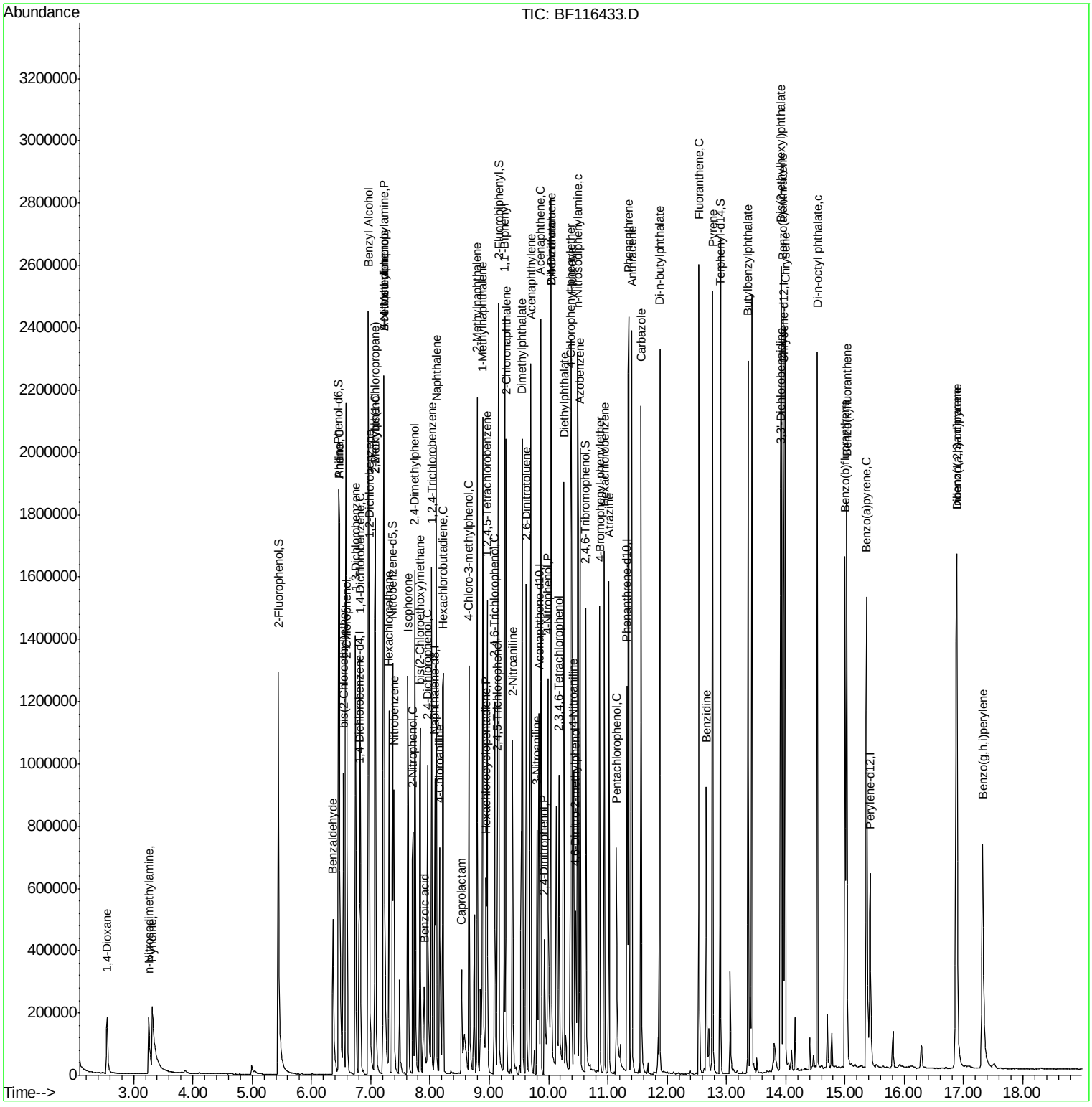
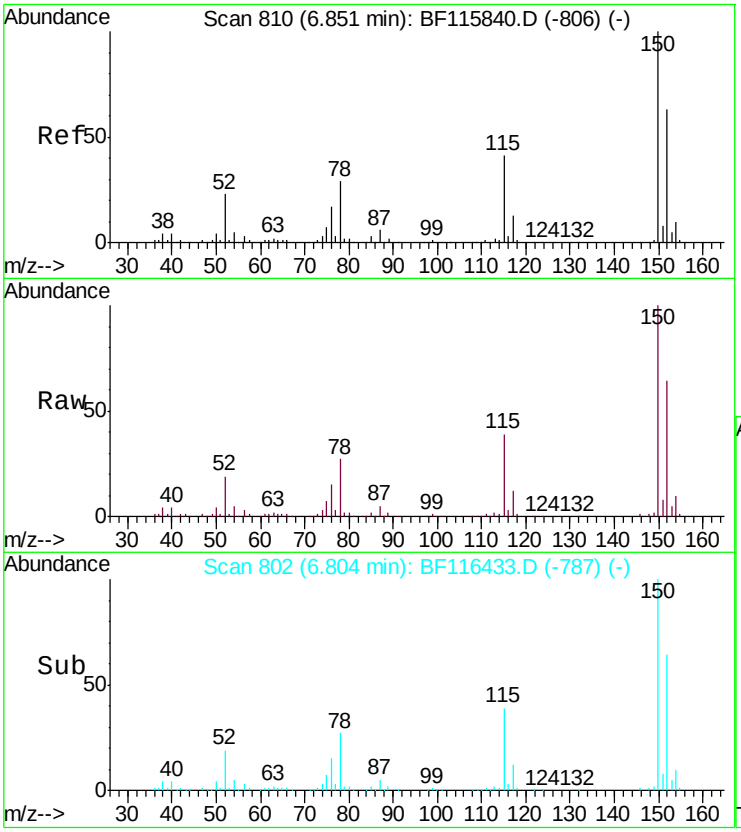
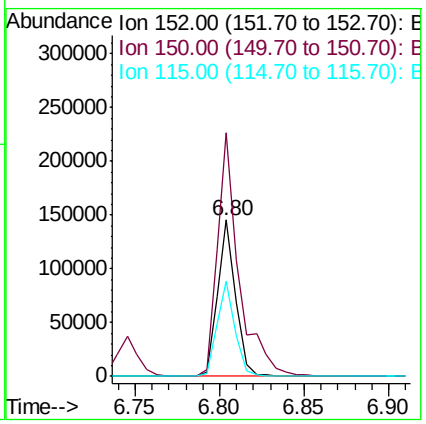




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:152 Resp: 108527

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	60.7	49.9	74.9



Instrument :
BNA_F
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CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
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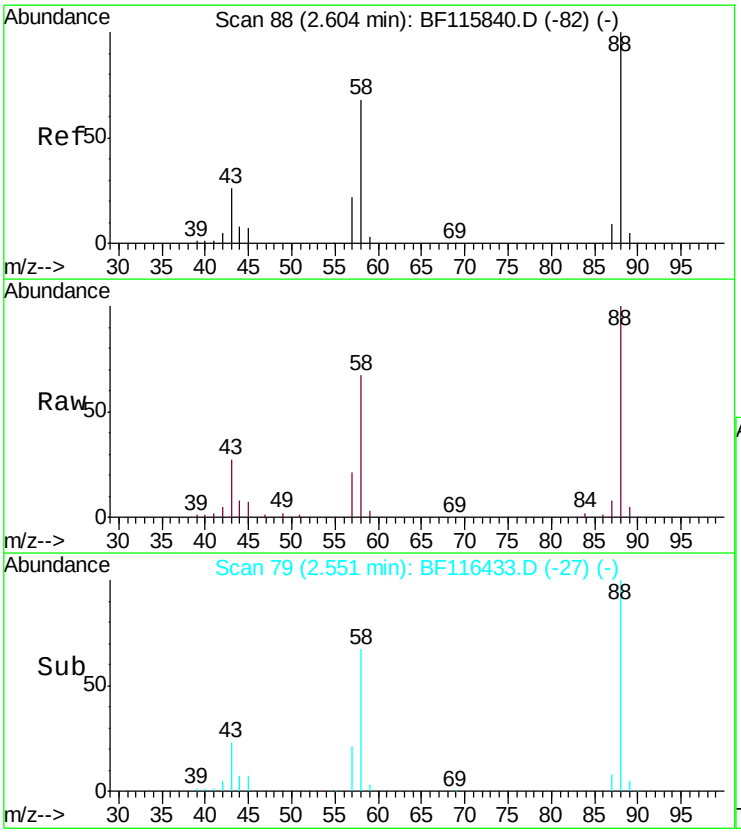
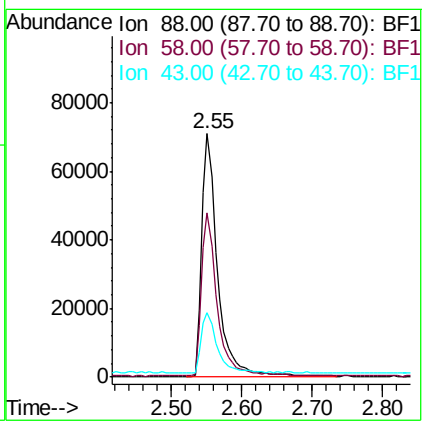
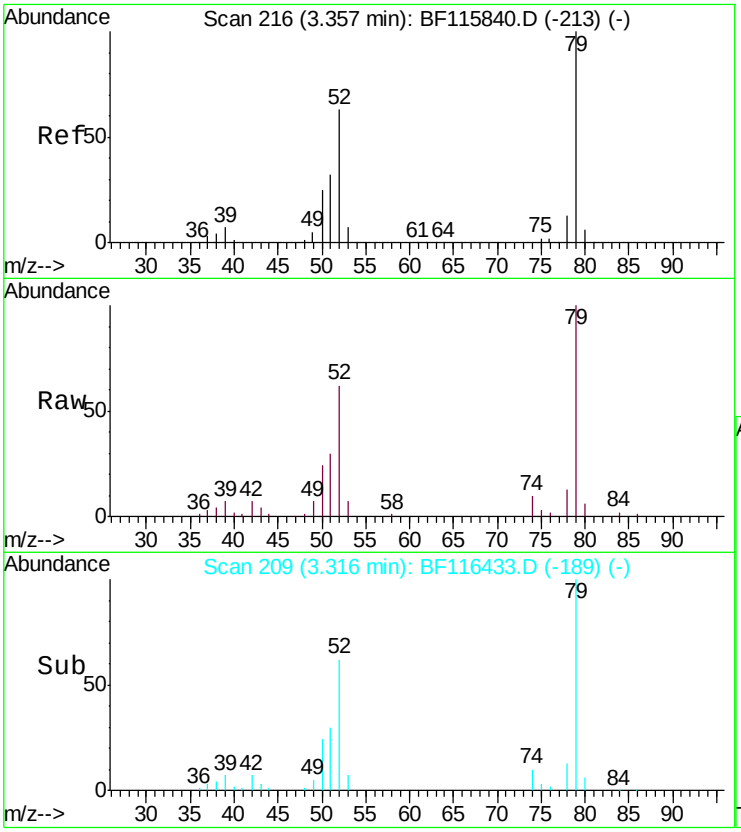


#2
1,4-Dioxane
Concen: 34.092 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 88 Resp: 111654

Ion	Ratio	Lower	Upper
88	100		
58	64.9	53.7	80.5
43	25.0	21.0	31.4

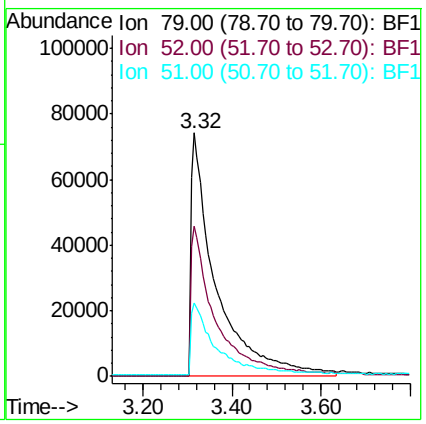




#3
Pyridine
Concen: 30.885 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 79 Resp: 282554

Ion	Ratio	Lower	Upper
79	100		
52	61.6	49.8	74.8
51	30.3	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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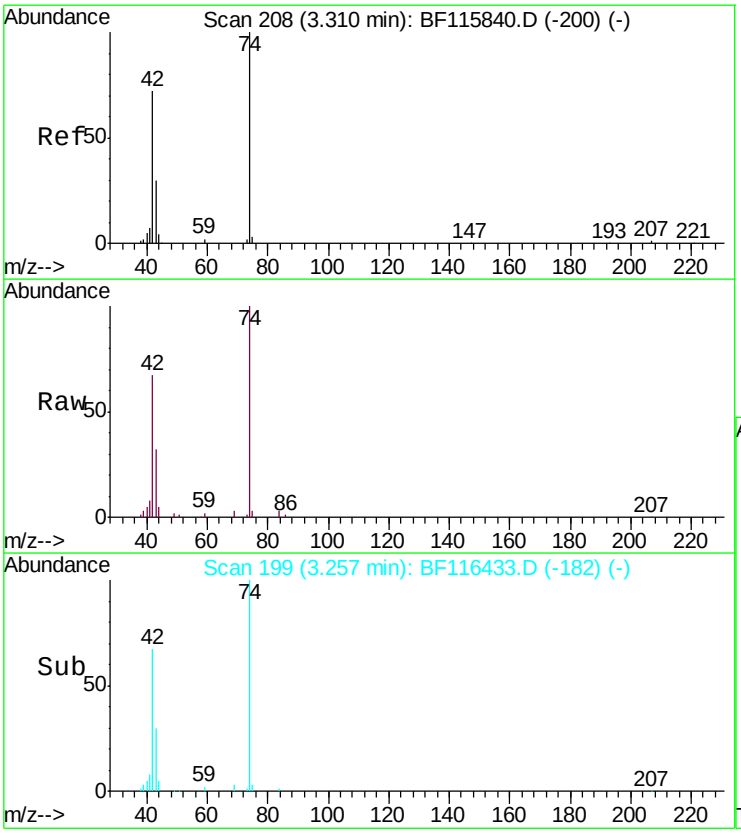
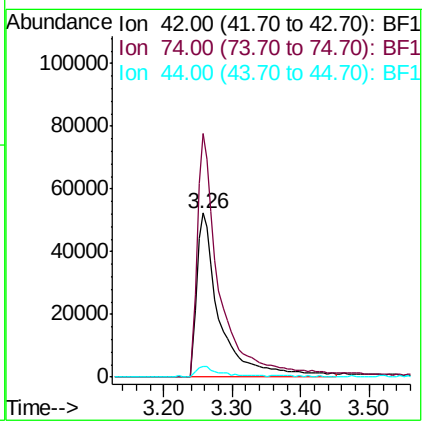
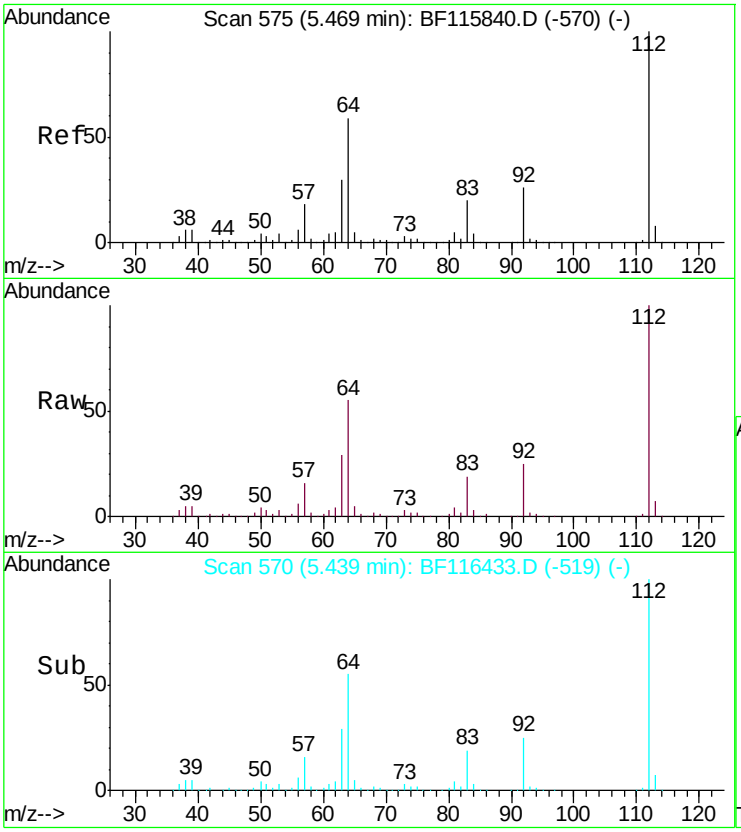


#4
n-Nitrosodimethylamine
Concen: 34.255 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.00 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 42 Resp: 123674

Ion	Ratio	Lower	Upper
42	100		
74	148.6	116.0	174.0
44	6.9	4.6	7.0





#5
2-Fluorophenol
Concen: 83.800 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:112 Resp: 543264

Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.4	68.2
63	29.1	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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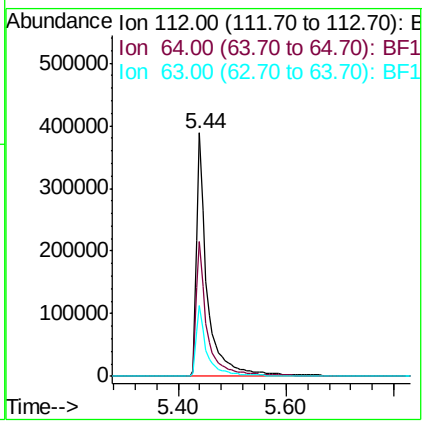
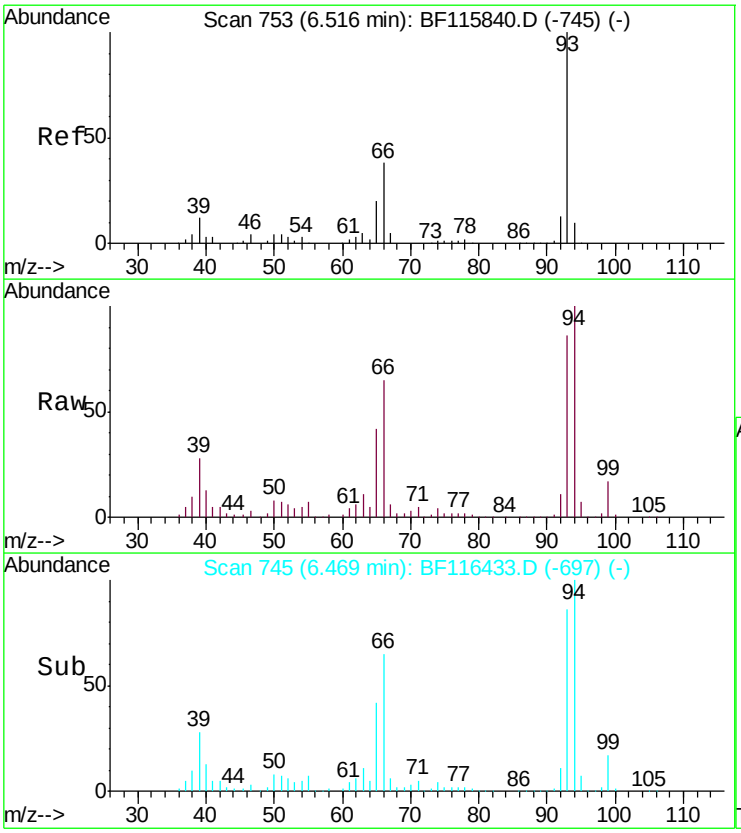
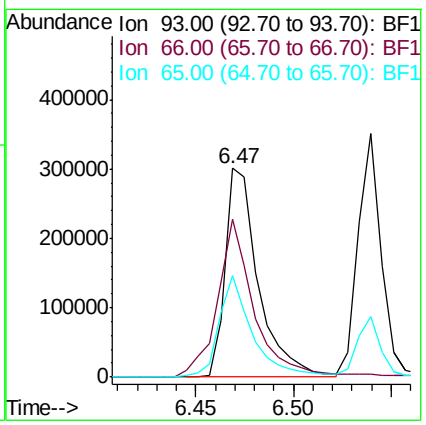


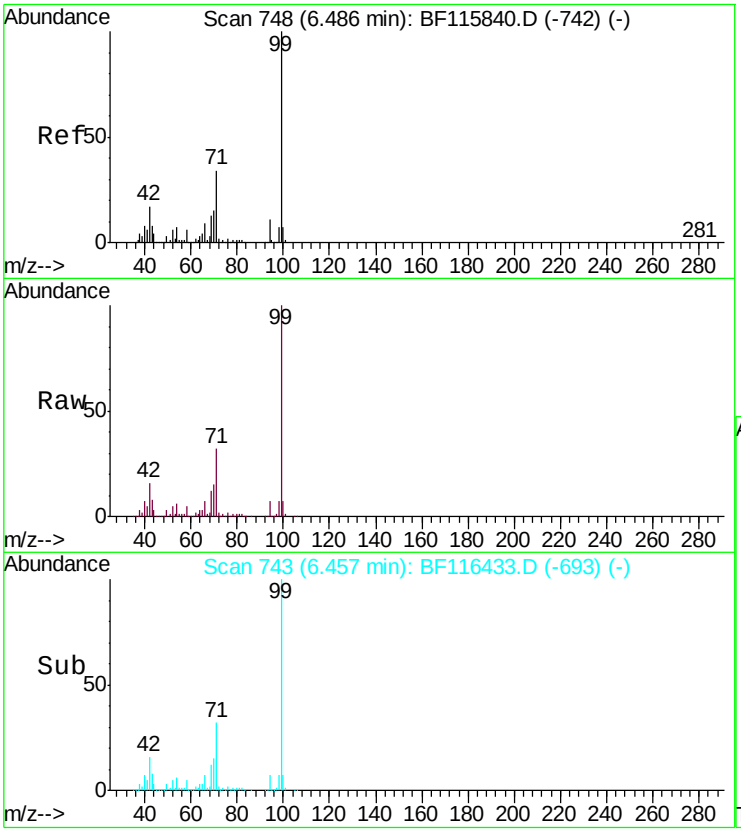


#6
Aniline
Concen: 30.355 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 93 Resp: 355569

Ion	Ratio	Lower	Upper
93	100		
66	75.8	32.2	48.4#
65	48.8	17.0	25.6#

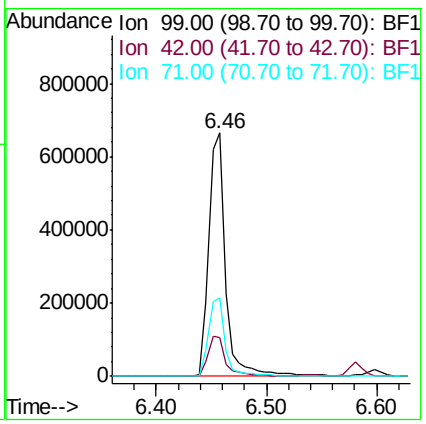




#7
Phenol-d6
Concen: 84.039 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 99 Resp: 687376

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.8
71	32.2	27.3	40.9



Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
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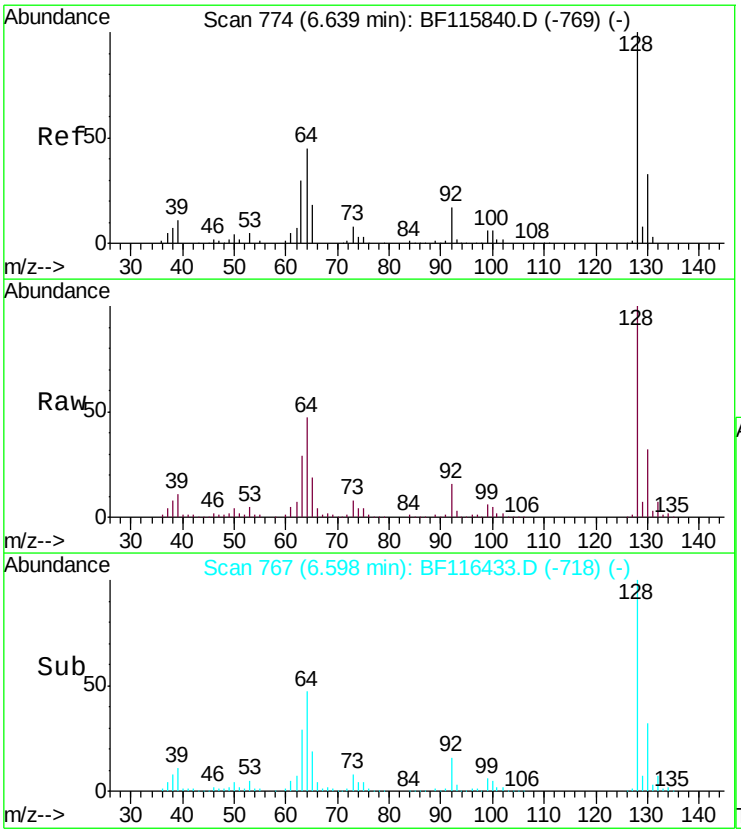
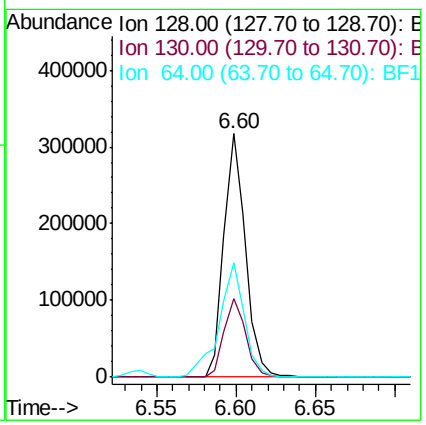
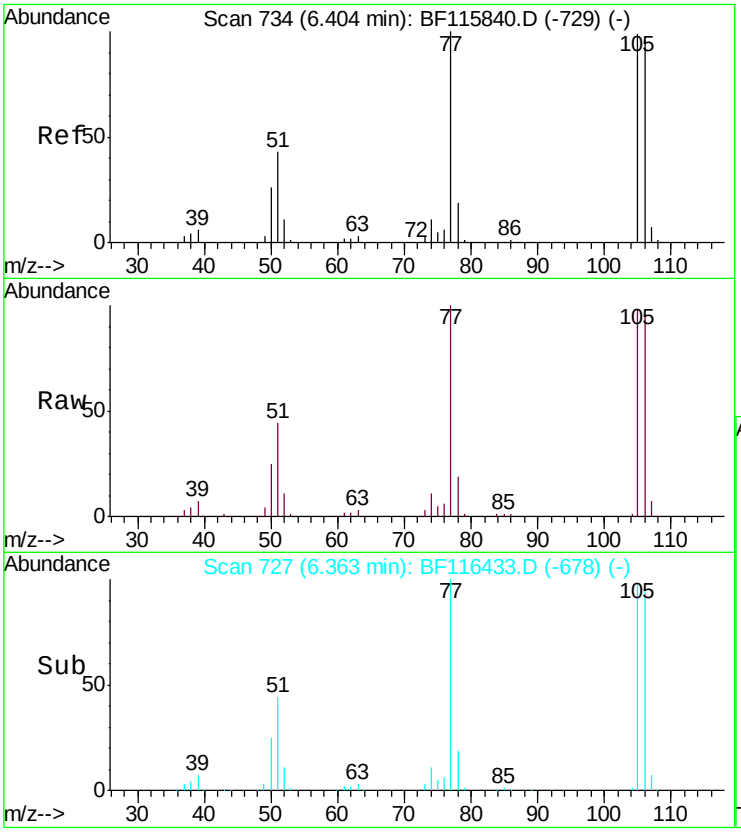


#8
2-Chlorophenol
Concen: 41.859 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:128 Resp: 300078

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	46.9	24.3	64.3

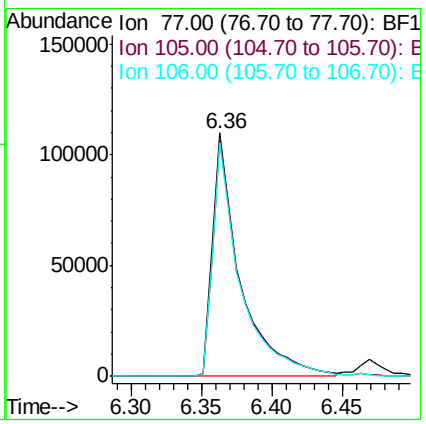




#9
Benzaldehyde
Concen: 26.366 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 77 Resp: 148796

Ion	Ratio	Lower	Upper
77	100		
105	98.1	79.2	119.2
106	95.7	74.3	114.3



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ClientSampleId :
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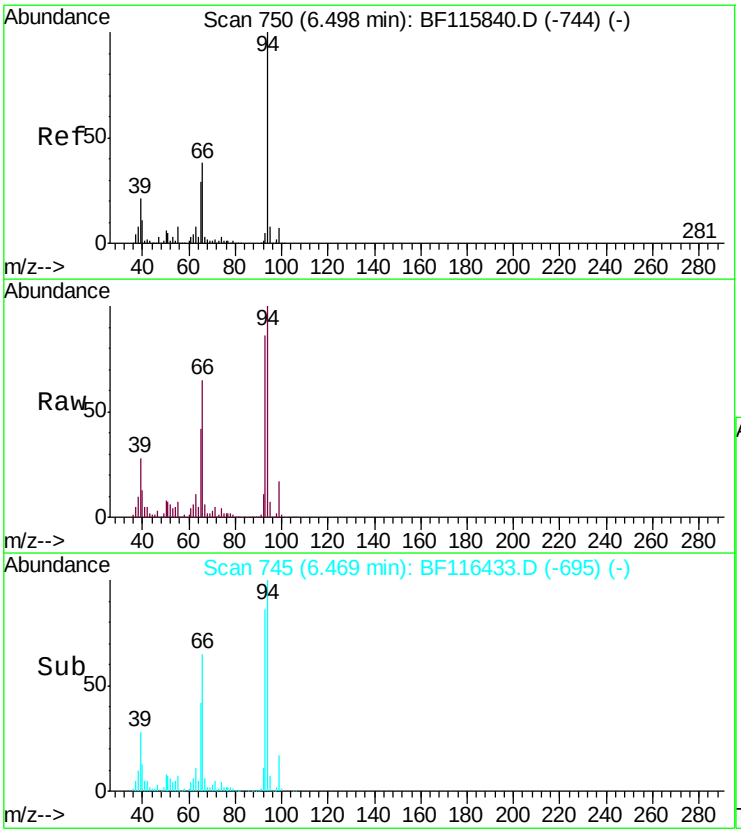
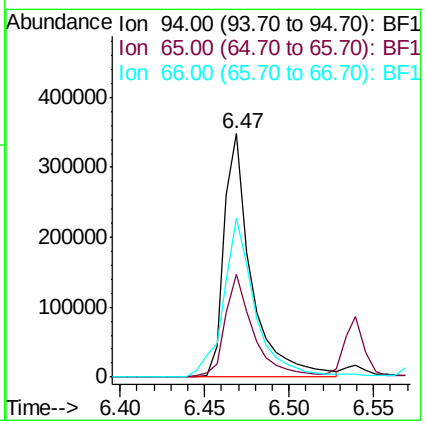
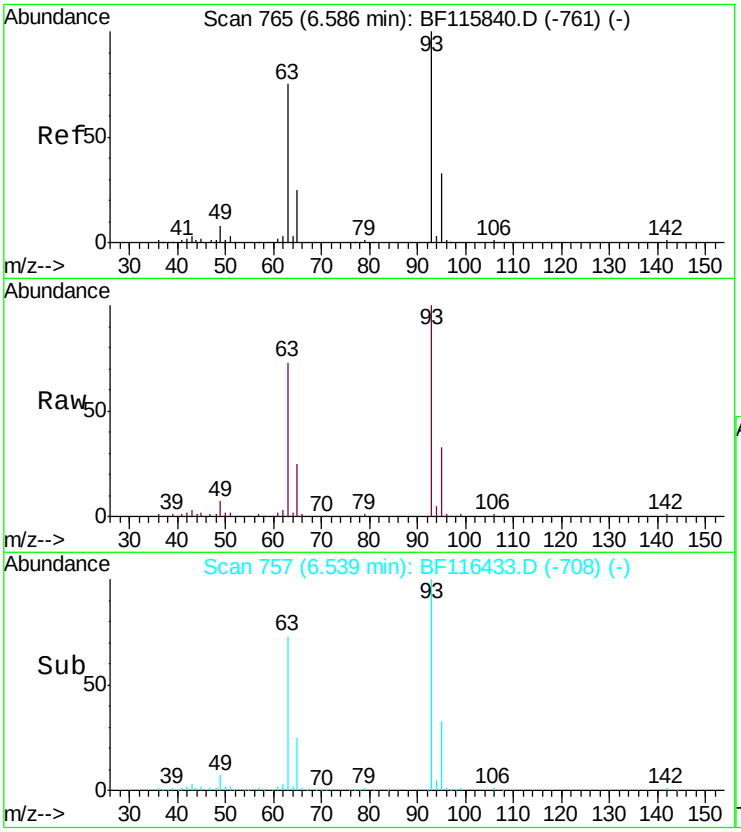


#10
Phenol
Concen: 40.539 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 94 Resp: 390467

Ion	Ratio	Lower	Upper
94	100		
65	42.1	16.8	56.8
66	65.4	34.2	74.2

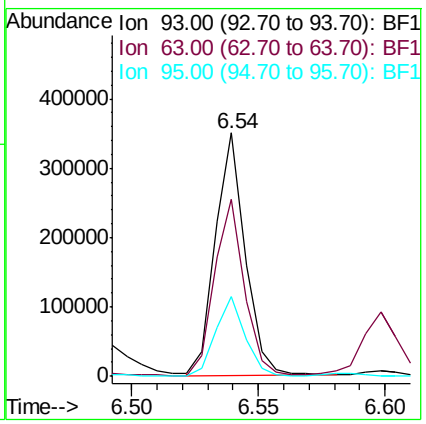




#11
bis(2-Chloroethyl)ether
Concen: 40.317 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 93 Resp: 285501

Ion	Ratio	Lower	Upper
93	100		
63	72.8	51.9	91.9
95	33.0	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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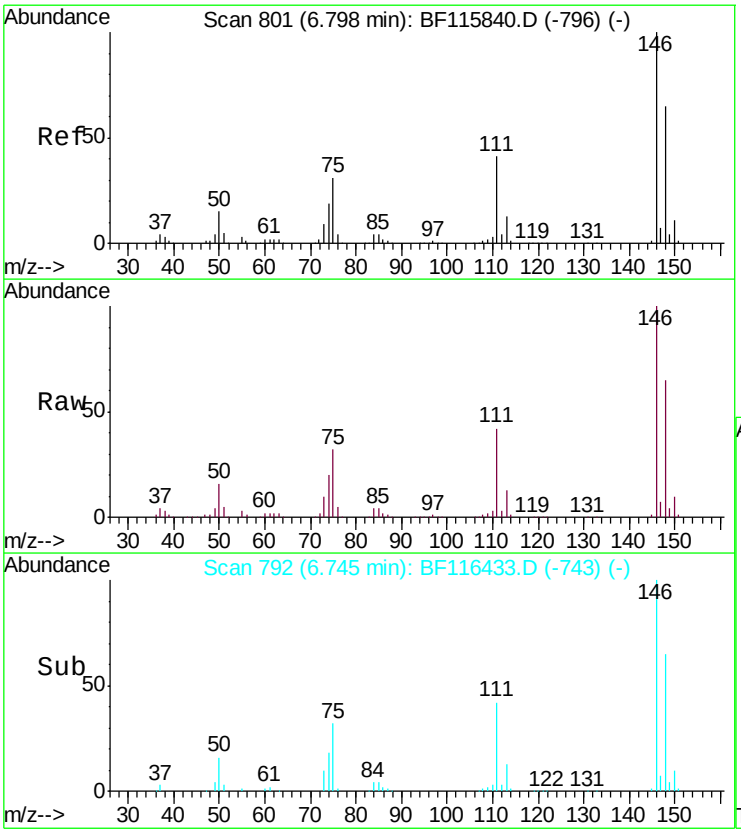
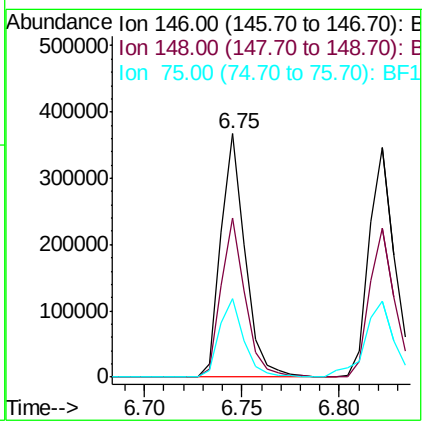
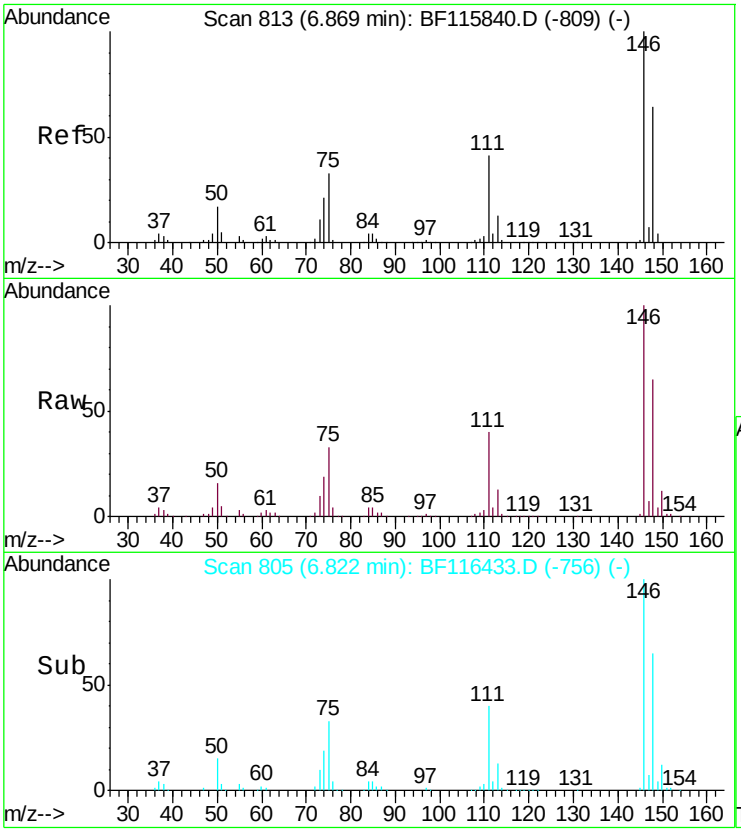


#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:146 Resp: 318065

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.3	76.9
75	32.0	27.4	41.2

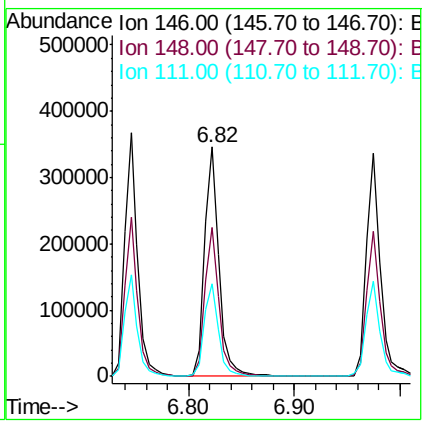




#13
1,4-Dichlorobenzene
Concen: 39.502 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:146 Resp: 327686

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
111	40.3	34.0	51.0



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
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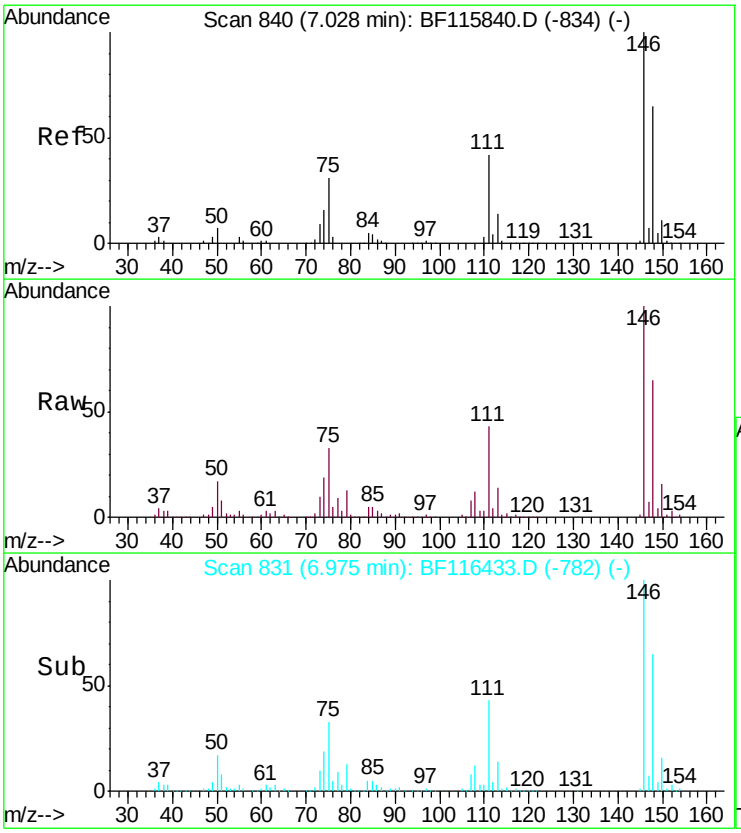
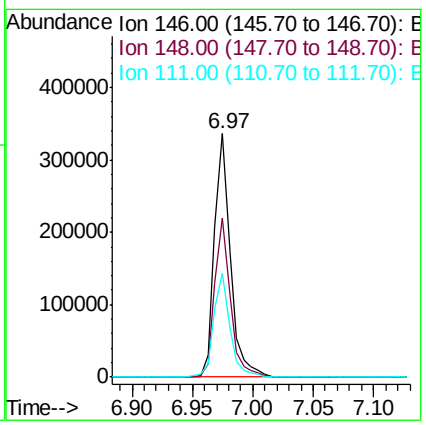
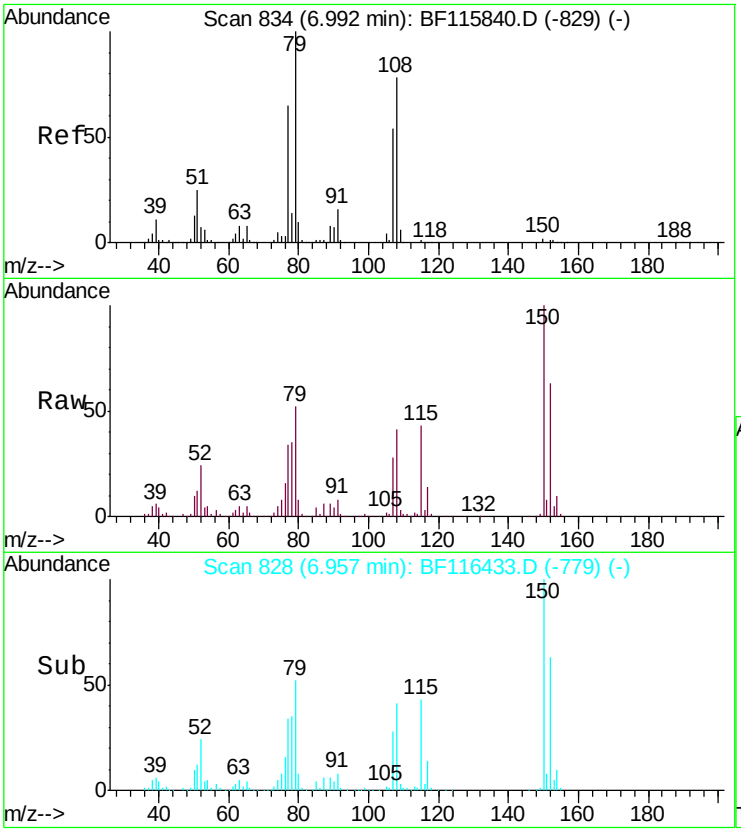


#14
1,2-Dichlorobenzene
Concen: 39.660 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:146 Resp: 302938

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	42.9	33.5	50.3





#15
Benzyl Alcohol
Concen: 40.210 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 79 Resp: 249590

Ion	Ratio	Lower	Upper
79	100		
108	78.4	62.7	94.1
77	65.0	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
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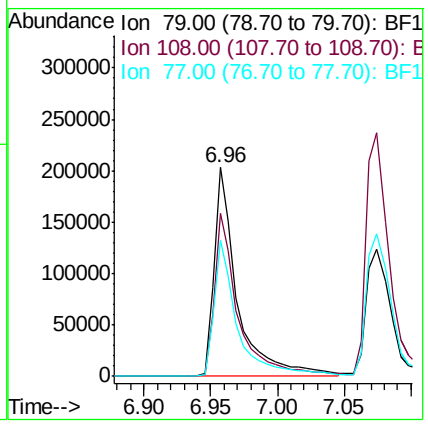
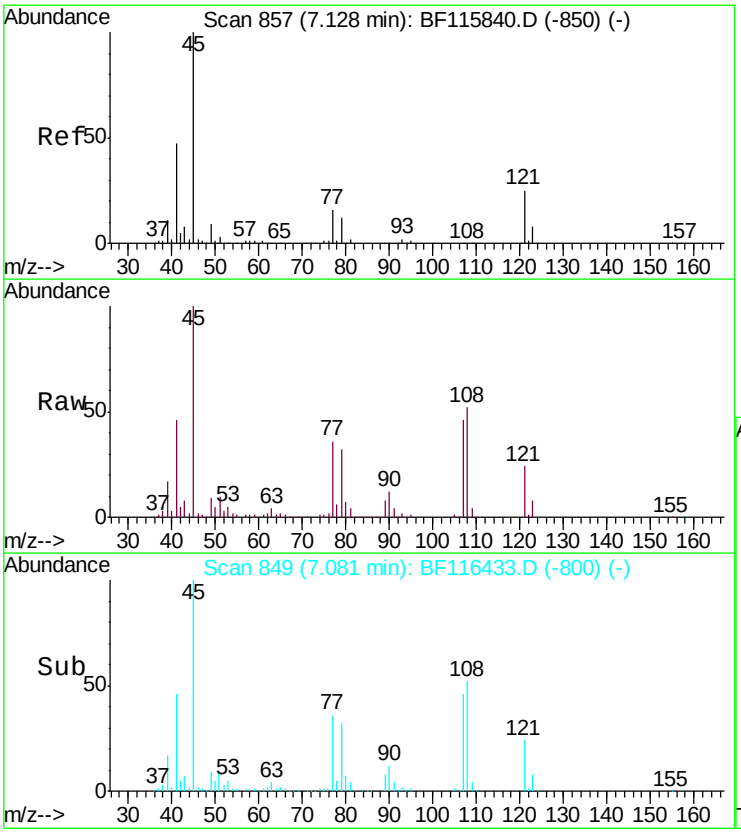
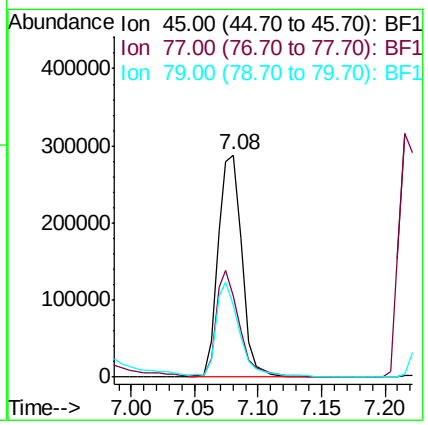


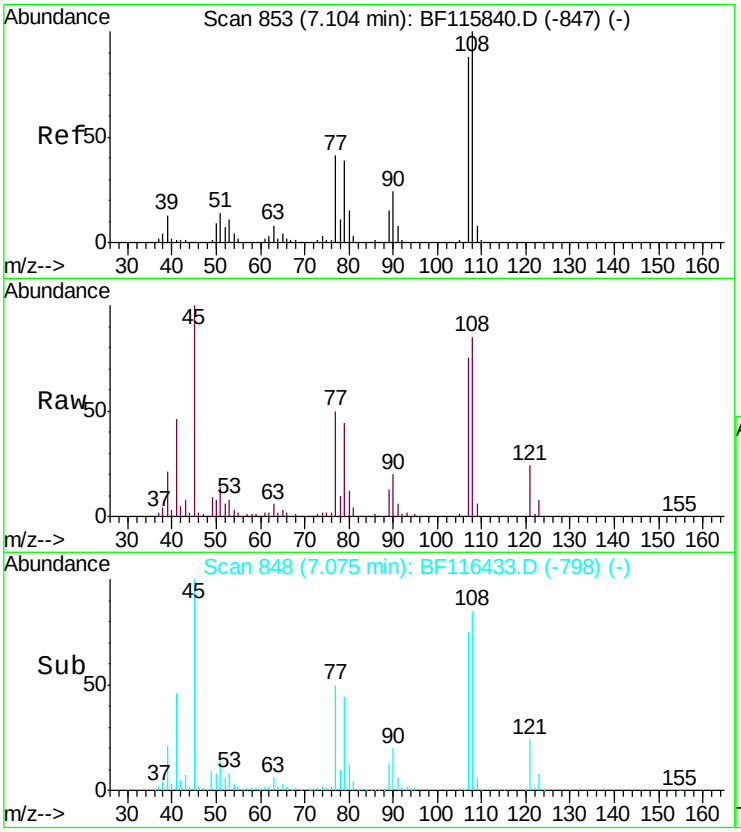


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.904 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 45 Resp: 375777

Ion	Ratio	Lower	Upper
45	100		
77	36.4	0.0	40.0
79	32.2	0.0	35.9

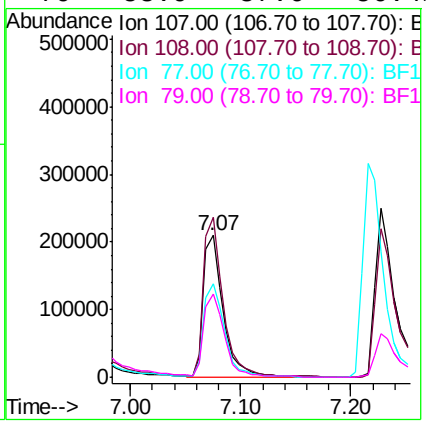




#17
2-Methylphenol
Concen: 41.485 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:107 Resp: 251817

Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.2	136.8
77	66.2	40.3	60.5#
79	58.9	37.6	56.4#



Instrument :
BNA_F
ClientSampleId :
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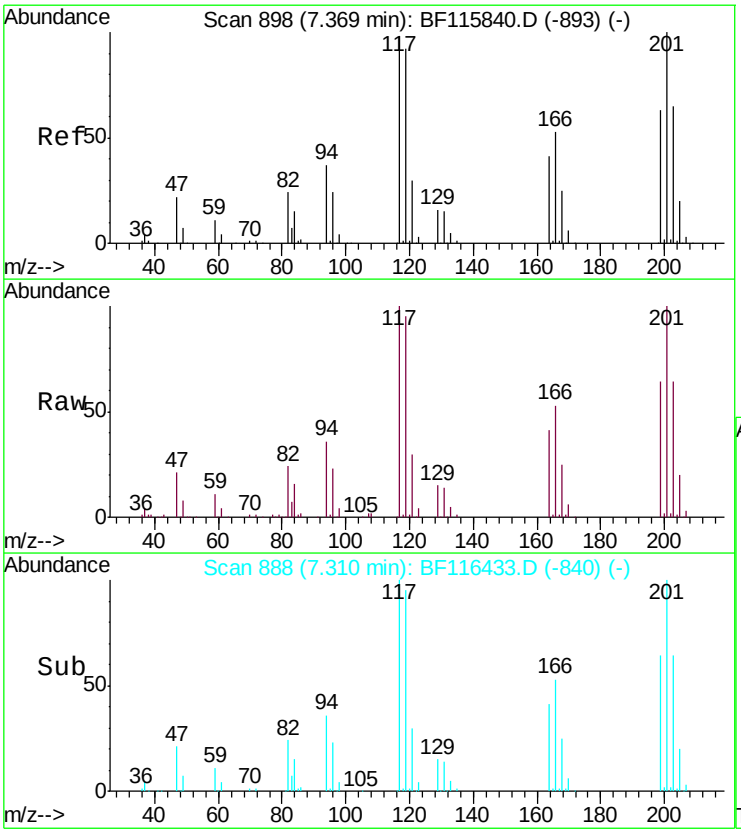
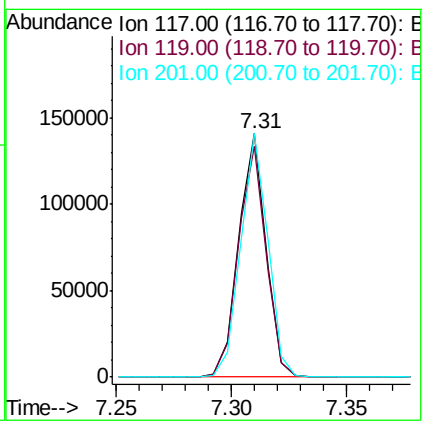
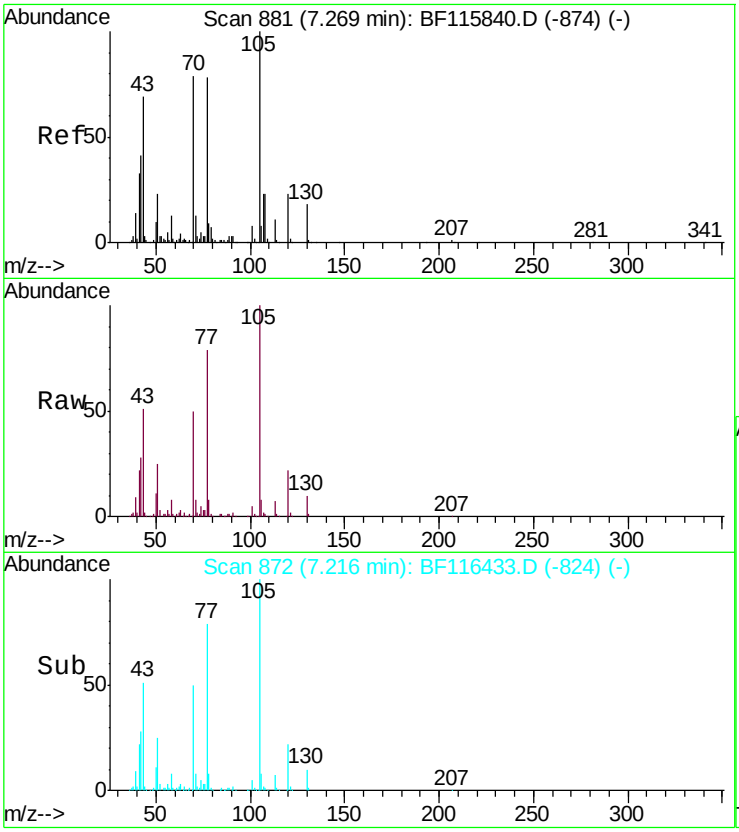


#18
Hexachloroethane
Concen: 38.063 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:117 Resp: 116250

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.1	114.1
201	100.0	77.0	115.4

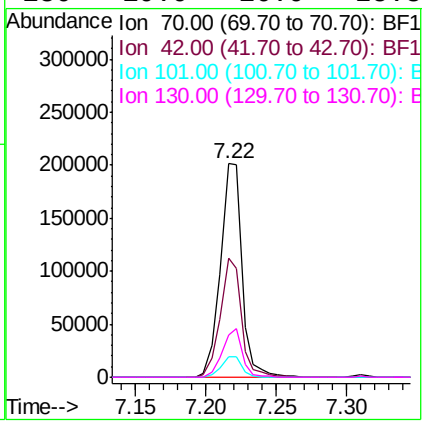




#19
n-Nitroso-di-n-propylamine
Concen: 42.316 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 70 Resp: 214478

Ion	Ratio	Lower	Upper
70	100		
42	55.8	40.9	61.3
101	9.5	7.9	11.9
130	19.9	16.9	25.3



Instrument :
BNA_F
ClientSampleId :
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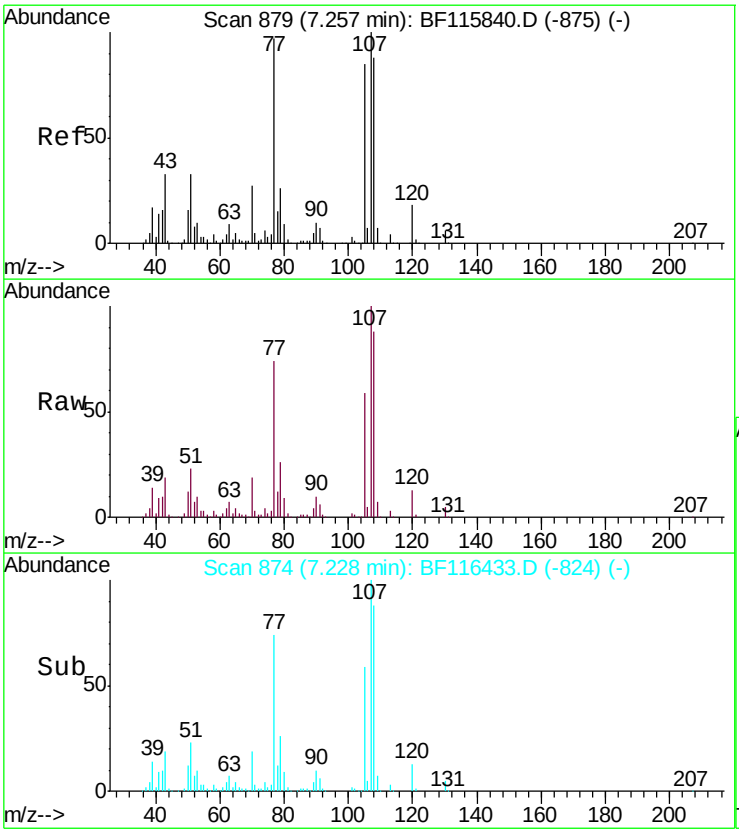
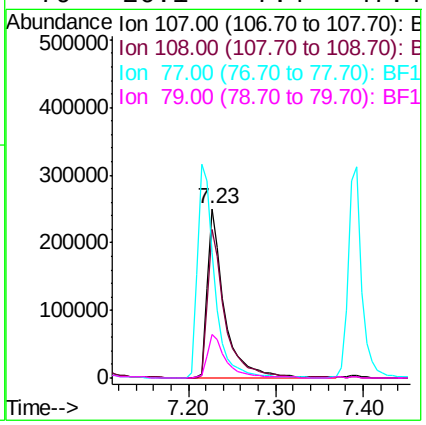
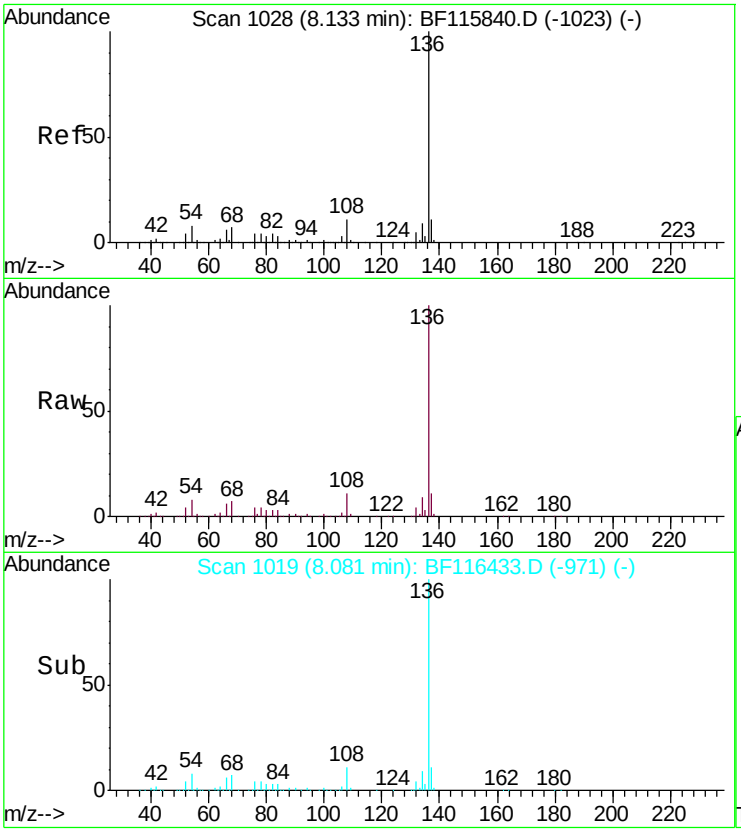


#20
3+4-Methylphenols
Concen: 46.335 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:107 Resp: 332835

Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.6	107.6
77	74.1	104.4	144.4#
79	26.1	7.4	47.4

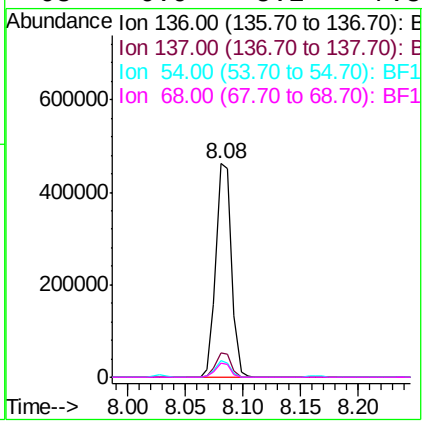




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:136 Resp: 440223

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.6	5.8	8.6
68	6.9	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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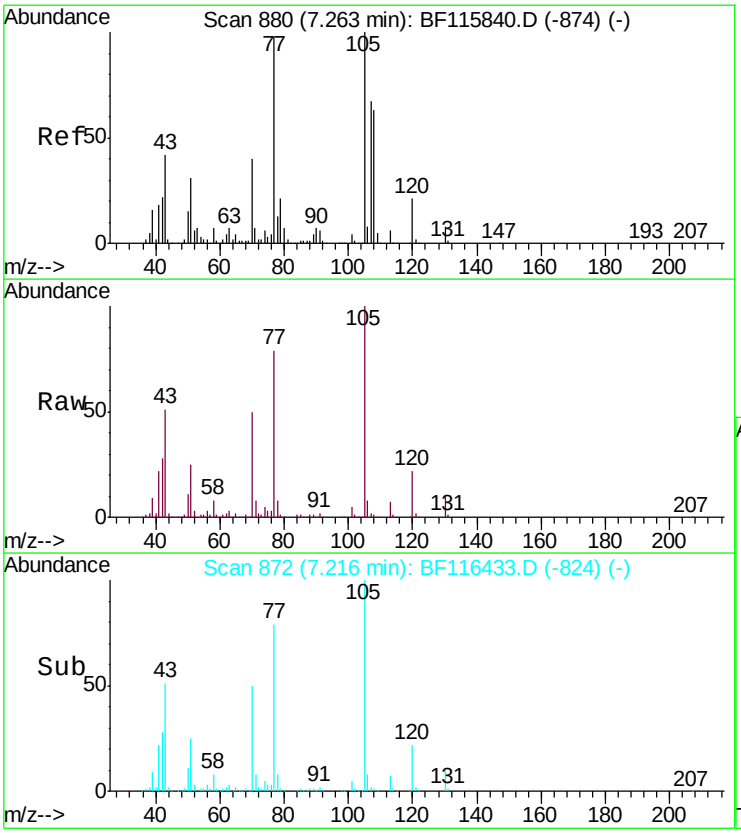
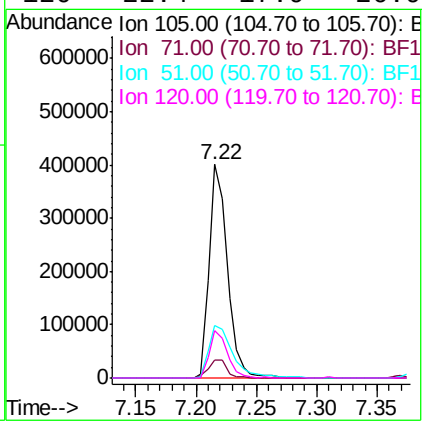
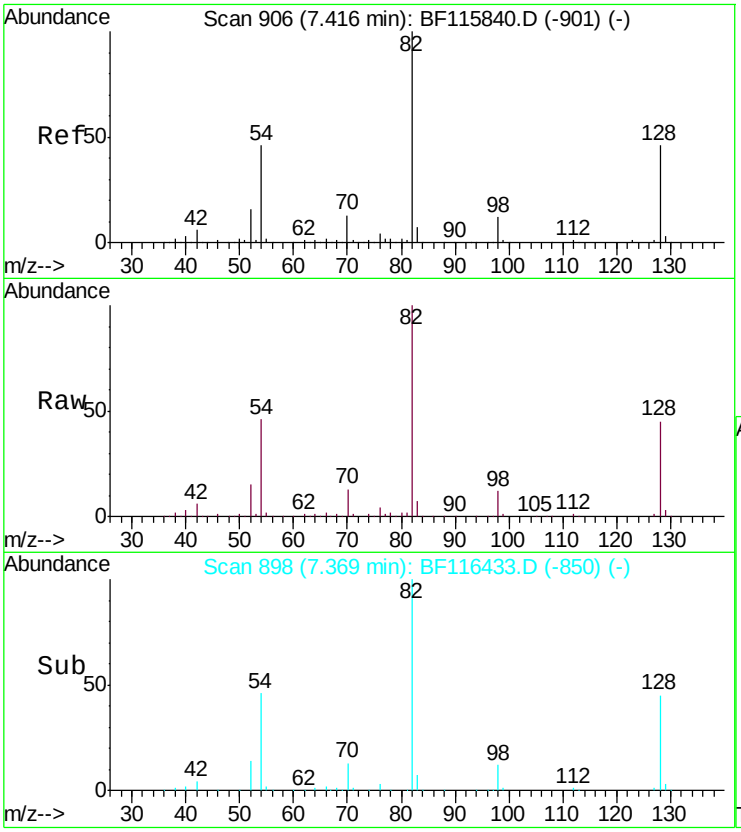


#22
Acetophenone
Concen: 43.091 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:105 Resp: 416032

Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.9	8.9
51	24.8	25.3	37.9#
120	22.4	17.9	26.9

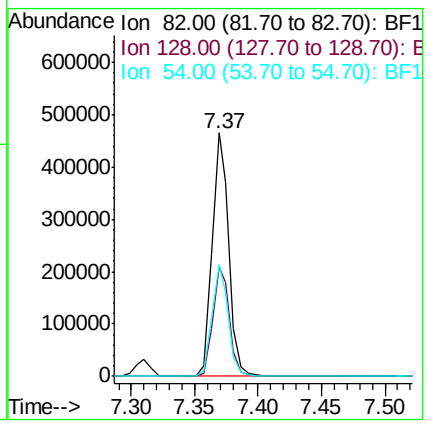




#23
Nitrobenzene-d5
Concen: 56.399 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 82 Resp: 430123

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	46.0	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
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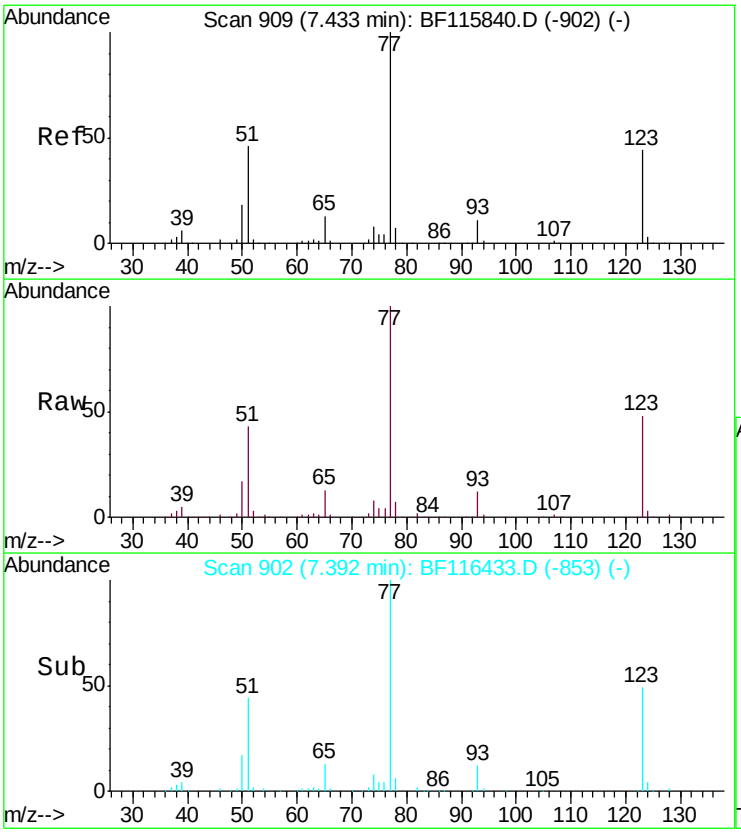
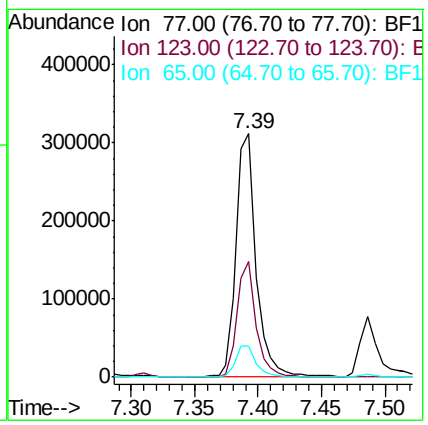
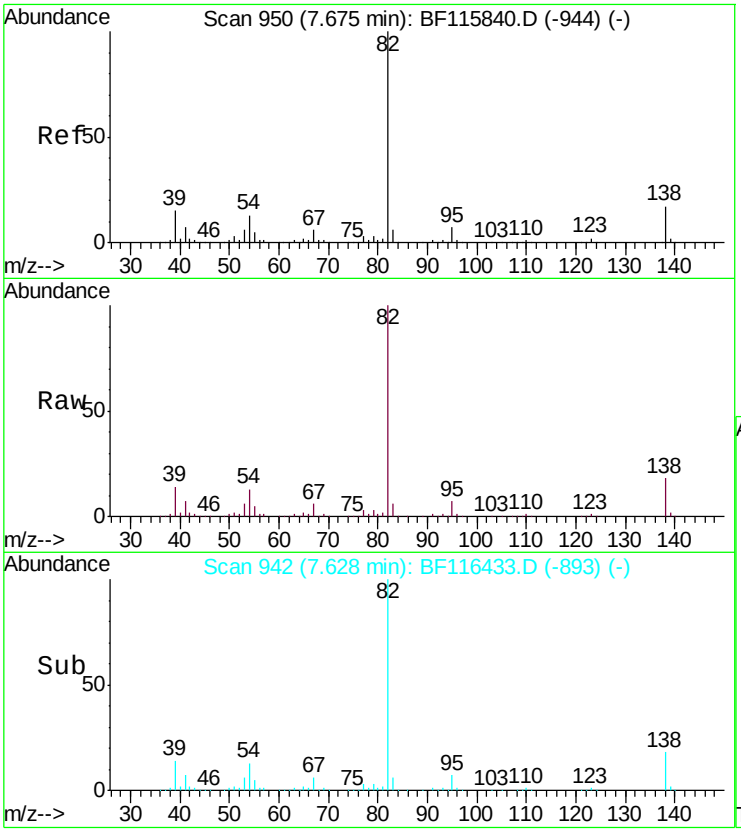


#24
Nitrobenzene
Concen: 40.933 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 77 Resp: 337078

Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.7	55.1
65	12.9	10.6	16.0

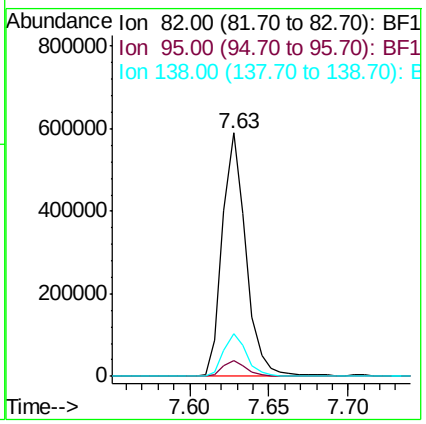




#25
Isophorone
Concen: 41.804 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 82 Resp: 609631

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.0
138	17.6	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
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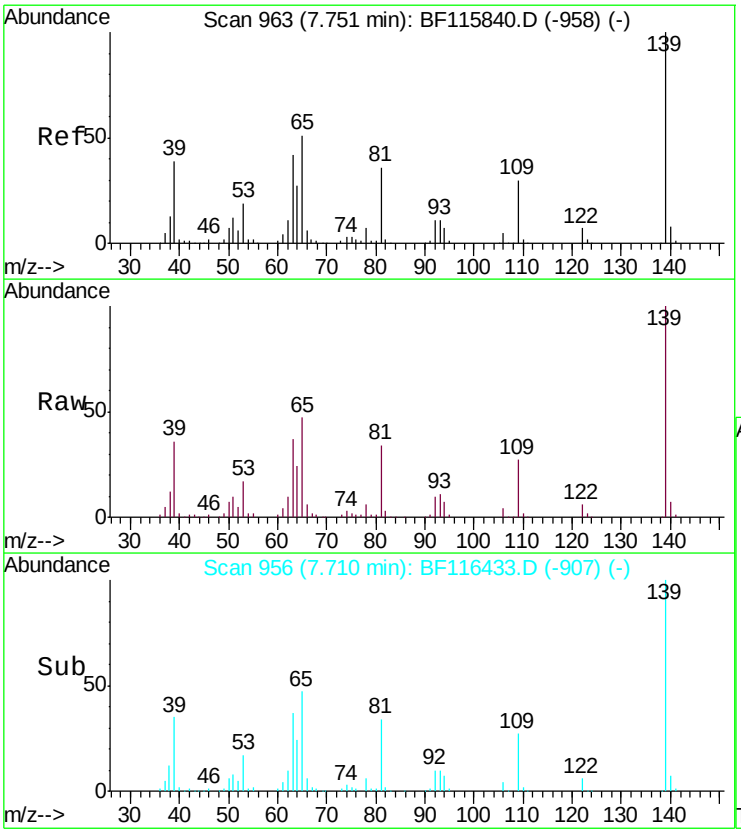
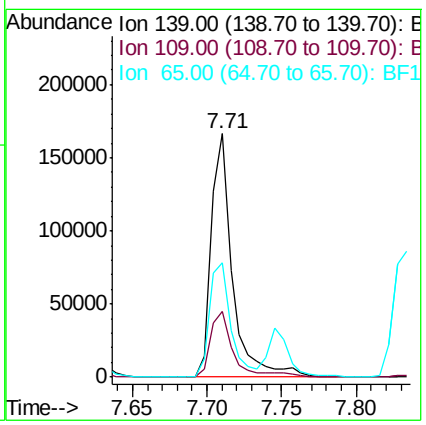
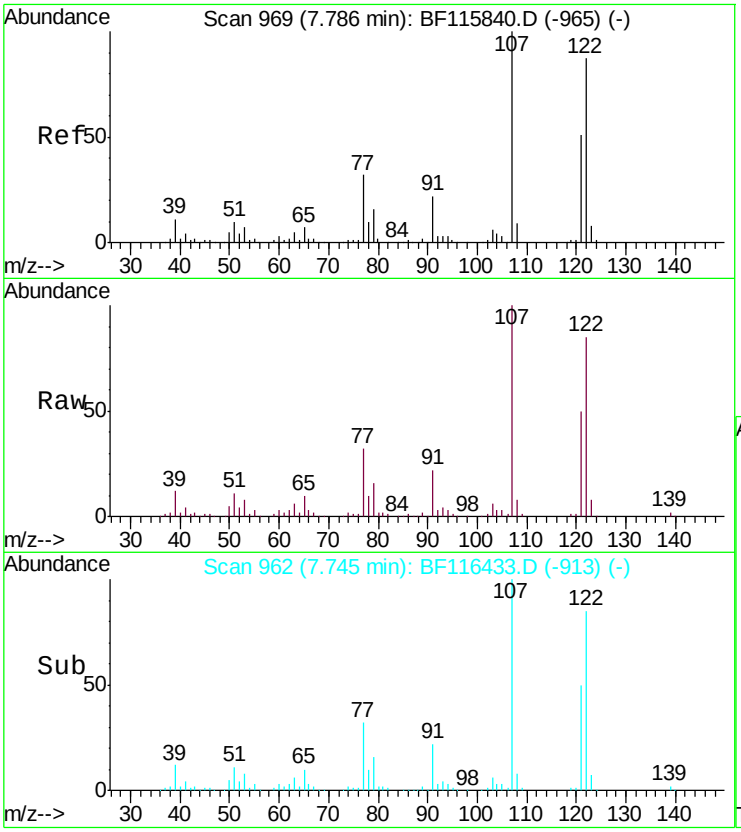


#26
2-Nitrophenol
Concen: 42.430 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:139 Resp: 164702

Ion	Ratio	Lower	Upper
139	100		
109	27.1	23.4	35.2
65	47.2	41.1	61.7

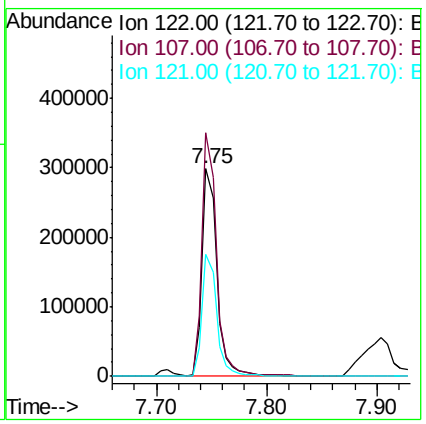




#27
2,4-Dimethylphenol
Concen: 46.357 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:122 Resp: 270724

Ion	Ratio	Lower	Upper
122	100		
107	117.4	93.0	139.6
121	59.1	47.6	71.4



Instrument :
BNA_F
ClientSampleId :
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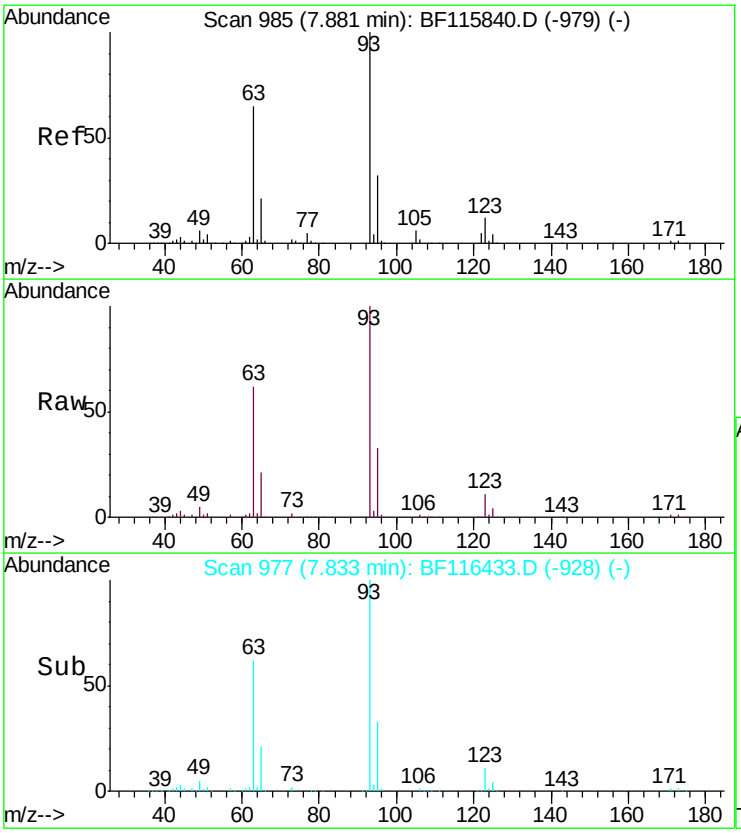
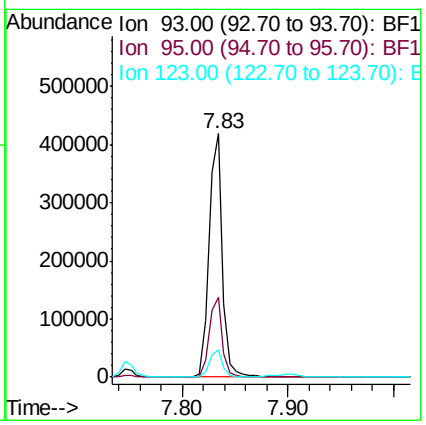
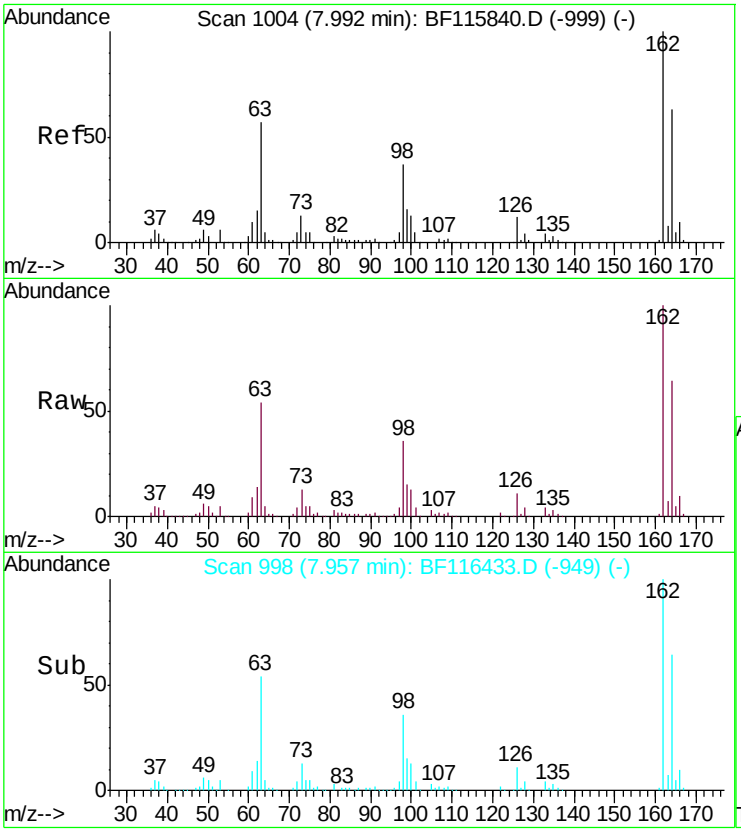


#28
bis(2-Chloroethoxy)methane
Concen: 41.126 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 93 Resp: 371732

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	11.5	9.2	13.8

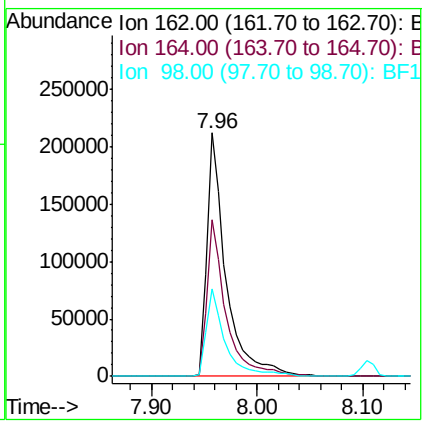




#29
2,4-Dichlorophenol
Concen: 43.418 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:162 Resp: 267724

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.1	85.1
98	36.0	15.8	55.8



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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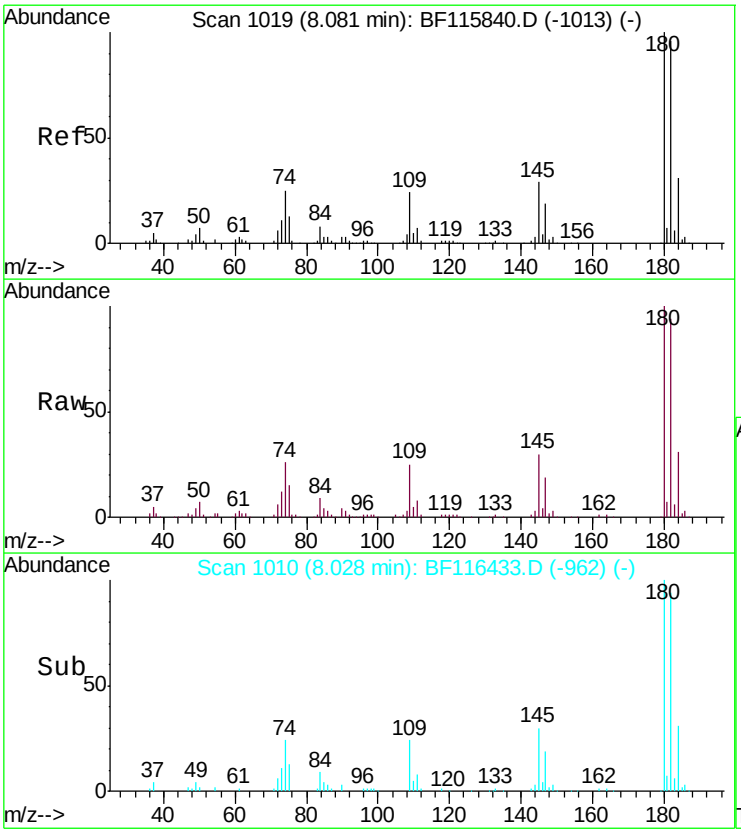
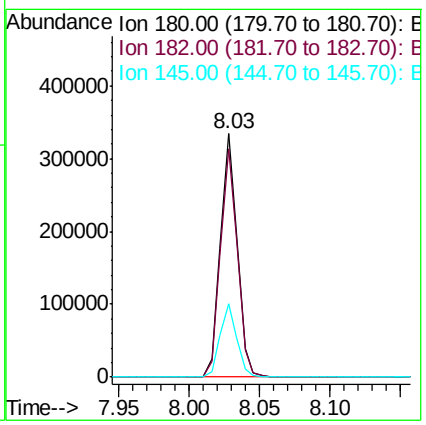
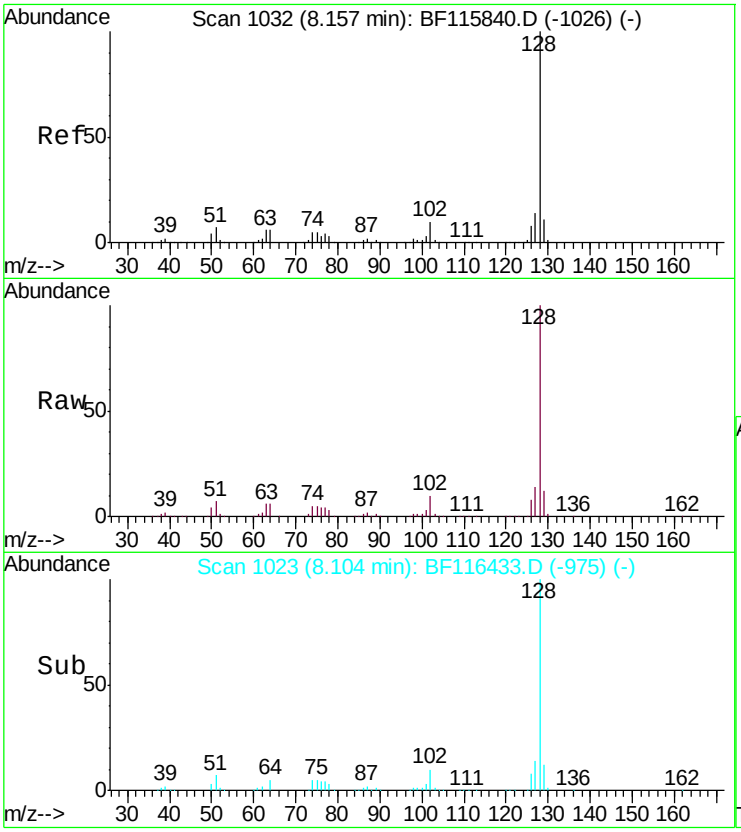


#30
1,2,4-Trichlorobenzene
Concen: 39.440 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:180 Resp: 277219

Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.7	113.5
145	30.1	24.3	36.5

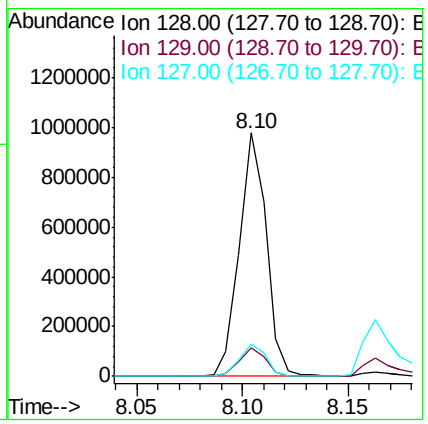




#31
Naphthalene
Concen: 41.998 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:128 Resp: 870023

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
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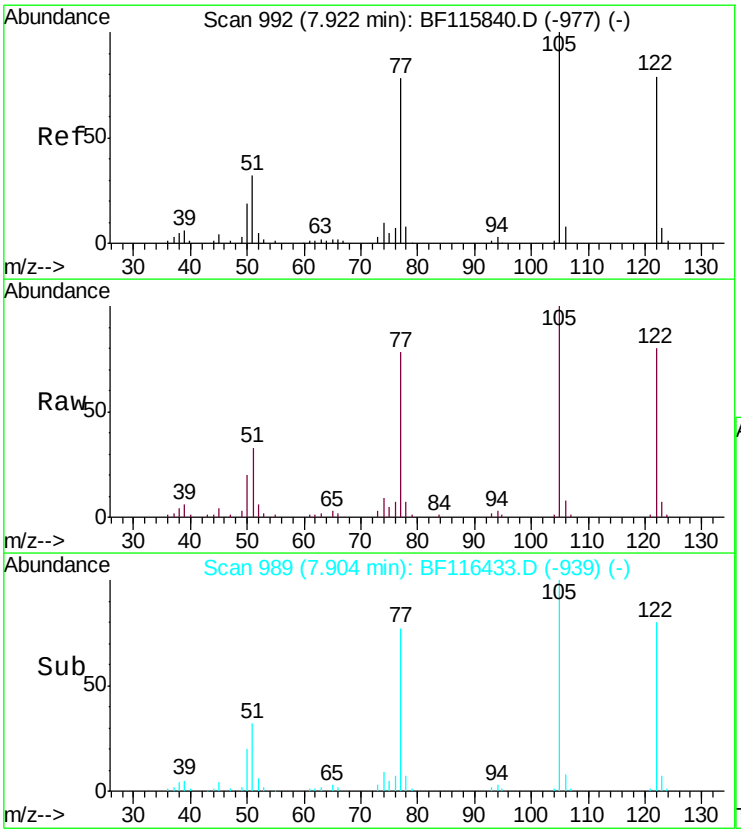
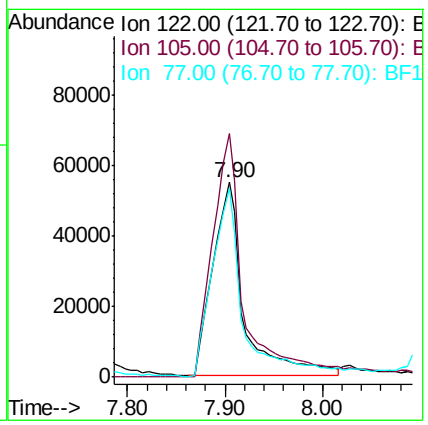
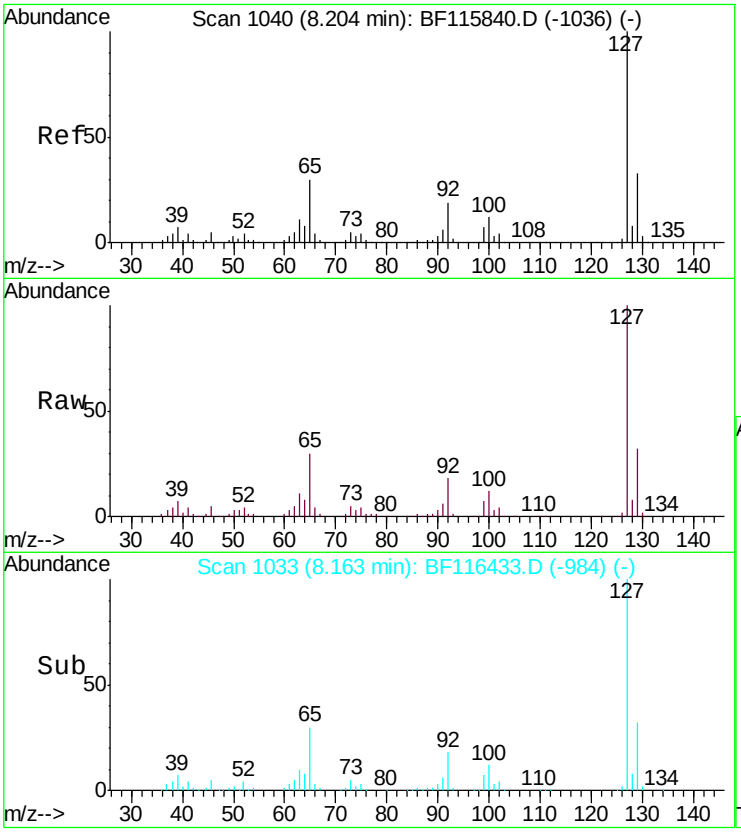


#32
Benzoic acid
Concen: 29.586 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:122 Resp: 121816

Ion	Ratio	Lower	Upper
122	100		
105	125.1	106.1	146.1
77	97.2	76.7	116.7

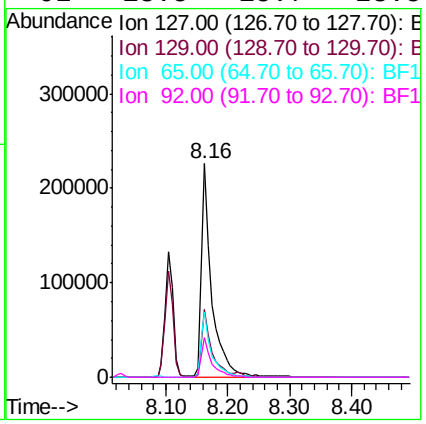




#33
4-Chloroaniline
Concen: 29.694 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:127 Resp: 274851

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	30.3	24.9	37.3
92	18.5	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
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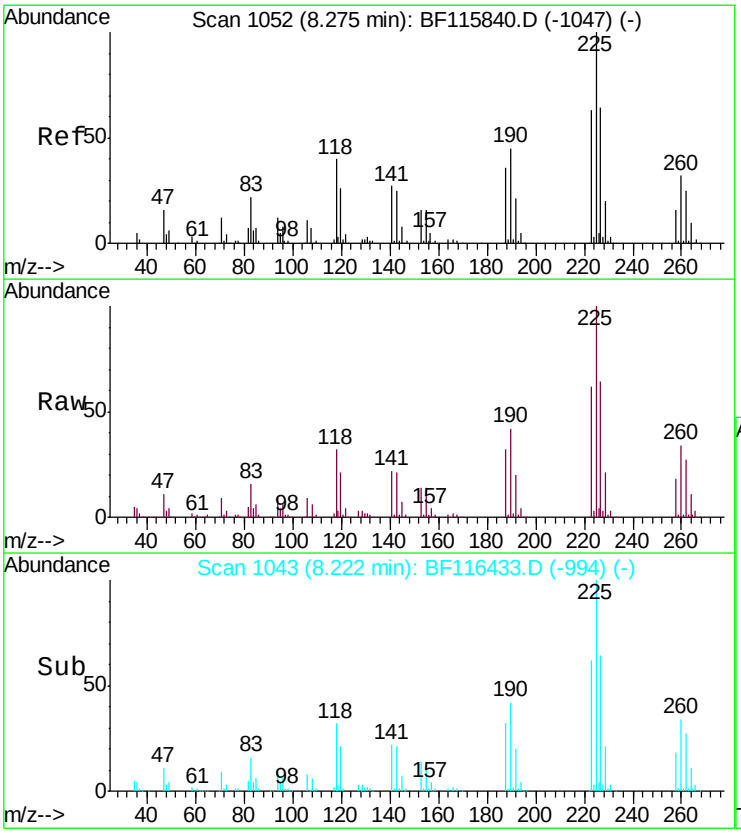
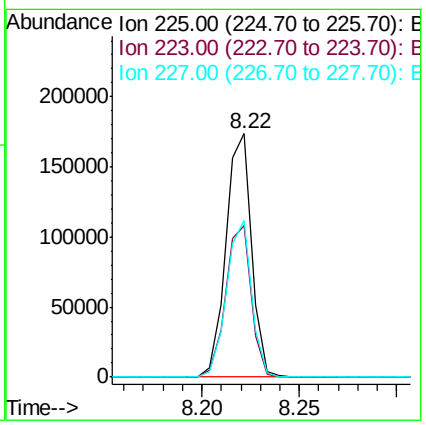
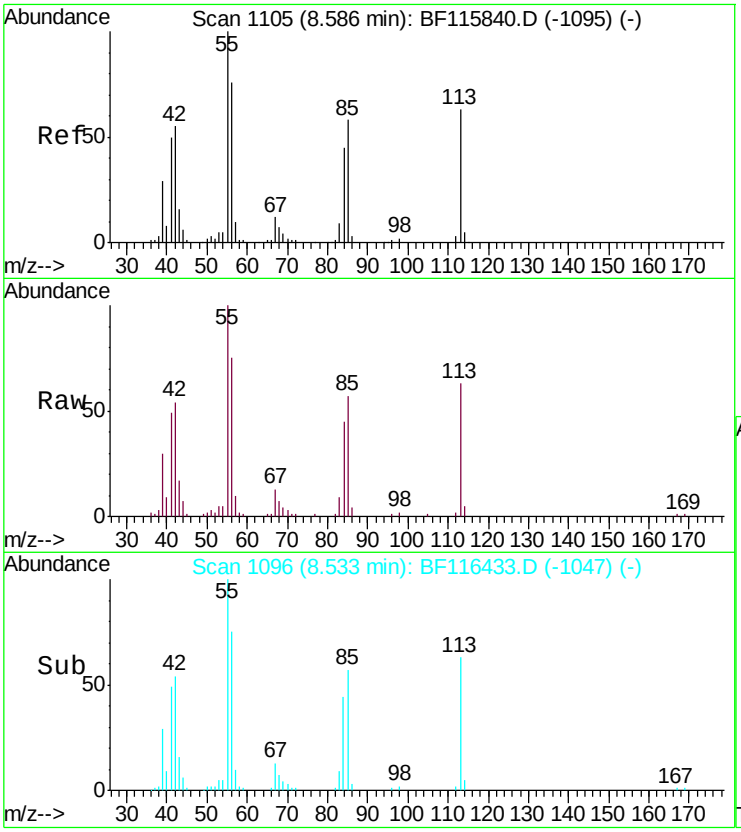


#34
Hexachlorobutadiene
Concen: 38.863 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:225 Resp: 157344

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.0	75.0
227	64.4	51.0	76.4

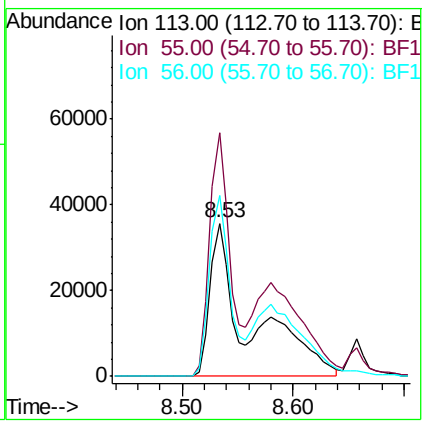




#35
Caprolactam
Concen: 43.003 ng m
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:113 Resp: 85763

Ion	Ratio	Lower	Upper
113	100		
55	159.4	144.3	184.3
56	118.8	97.1	137.1



Instrument :
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ClientSampleId :
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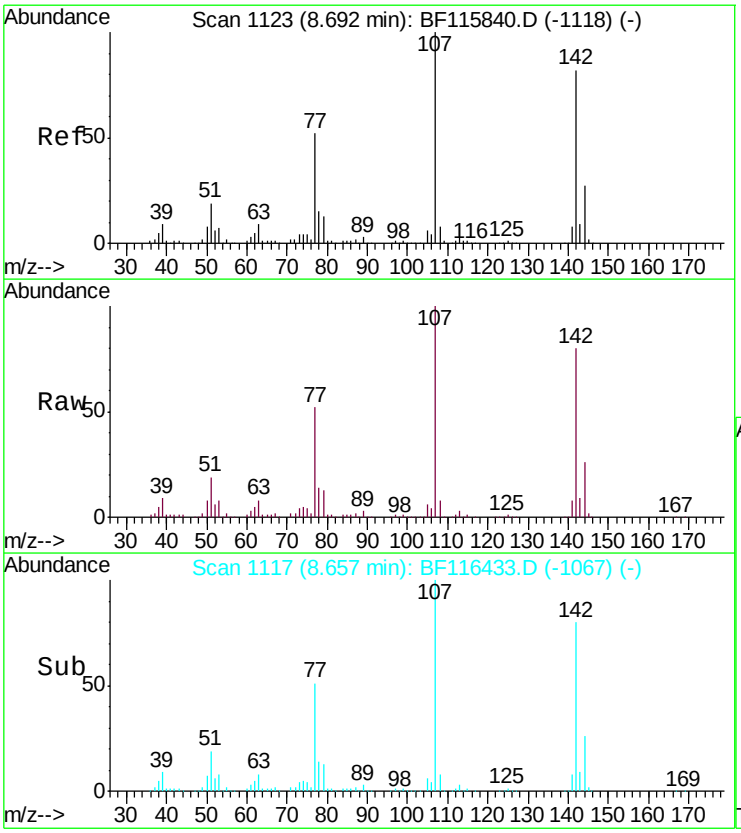
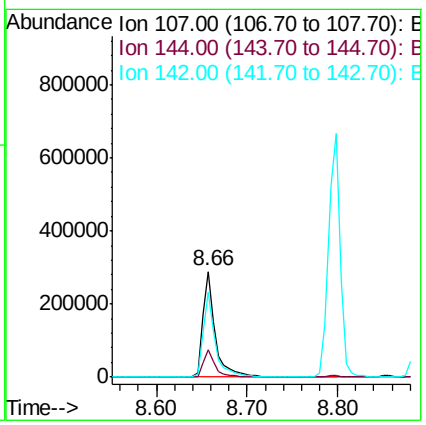
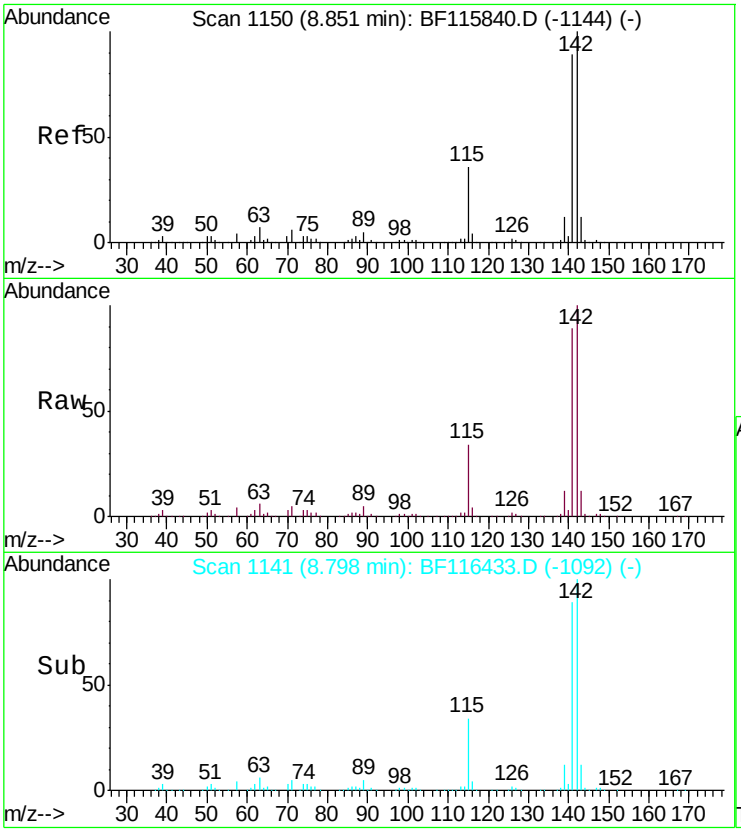


#36
4-Chloro-3-methylphenol
Concen: 43.768 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:107 Resp: 280768

Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.2	30.2
142	80.2	61.7	92.5

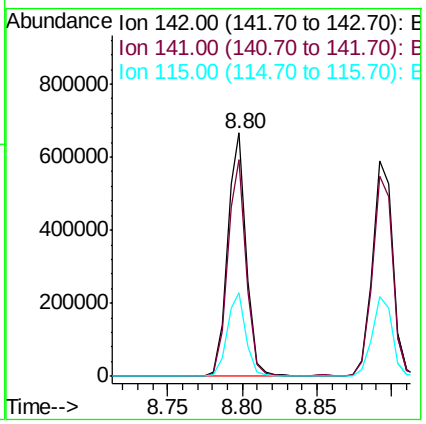




#37
2-Methylnaphthalene
Concen: 43.033 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:142 Resp: 587114

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.9	106.3
115	34.2	29.0	43.6



Instrument :
BNA_F
ClientSampleId :
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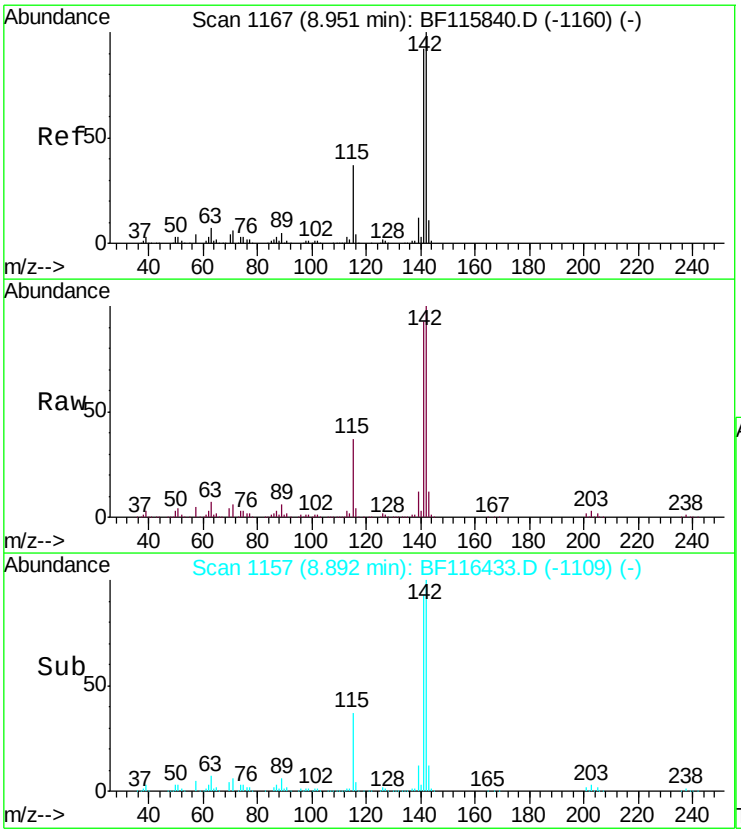
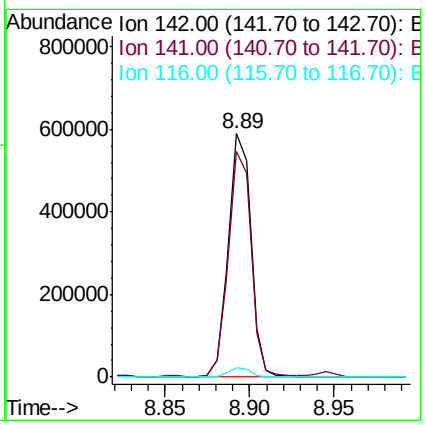
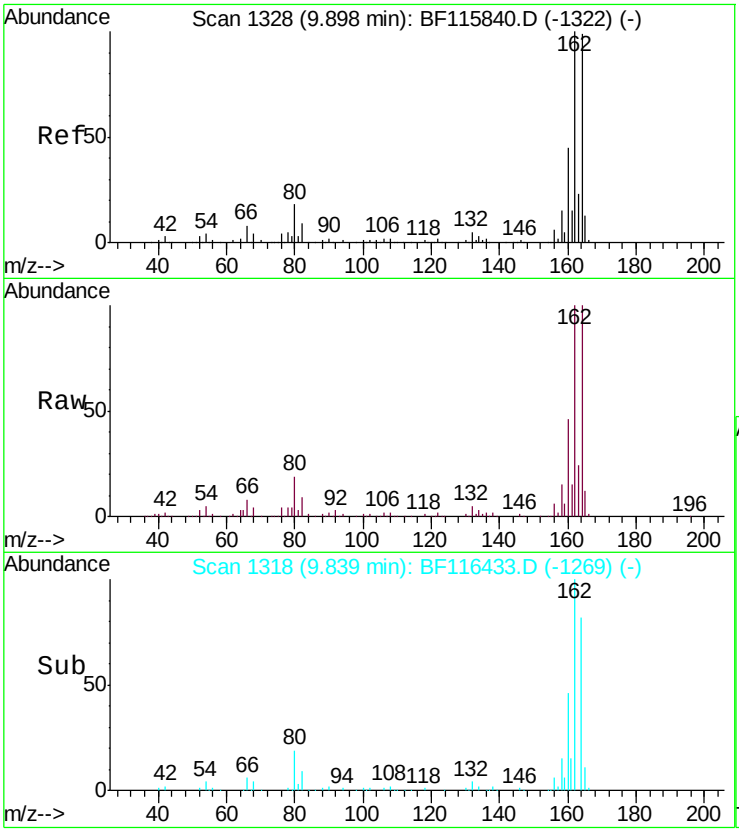


#38
1-Methylnaphthalene
Concen: 42.365 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:142 Resp: 546805

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.4	111.6
116	4.0	3.1	4.7

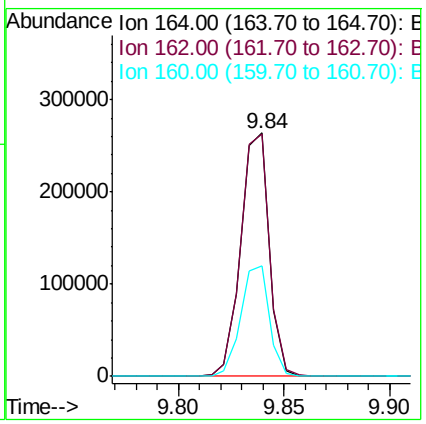




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:164 Resp: 245922

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	45.6	37.6	56.4



Instrument :
BNA_F
ClientSampleId :
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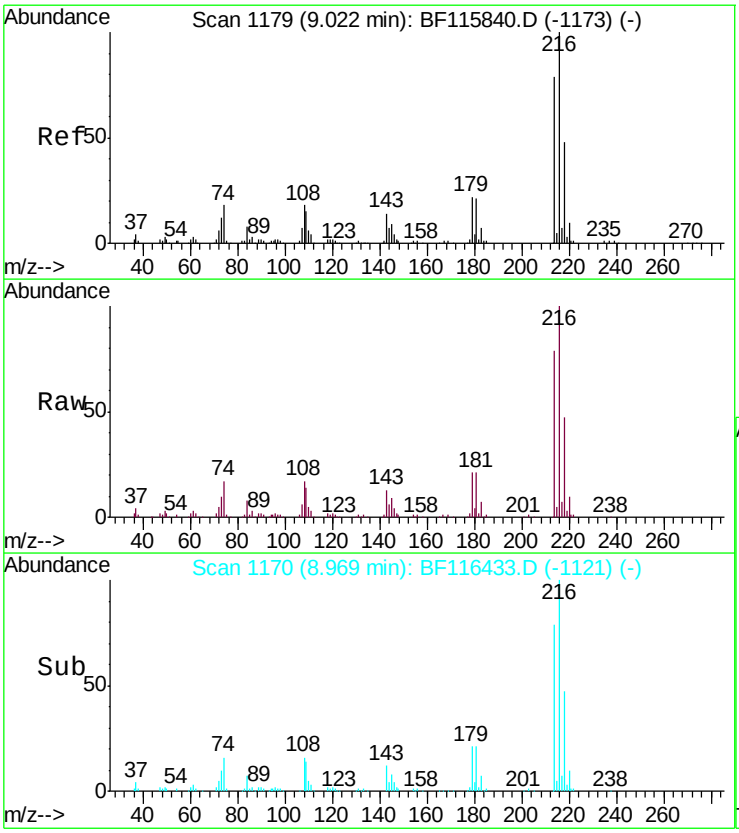
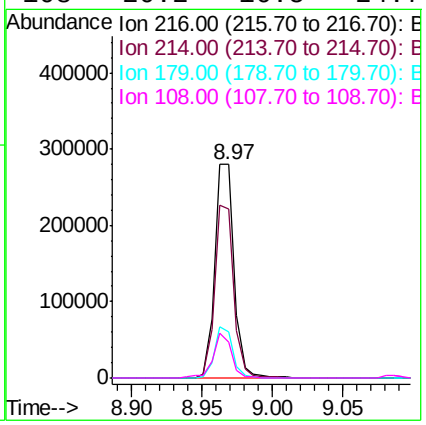
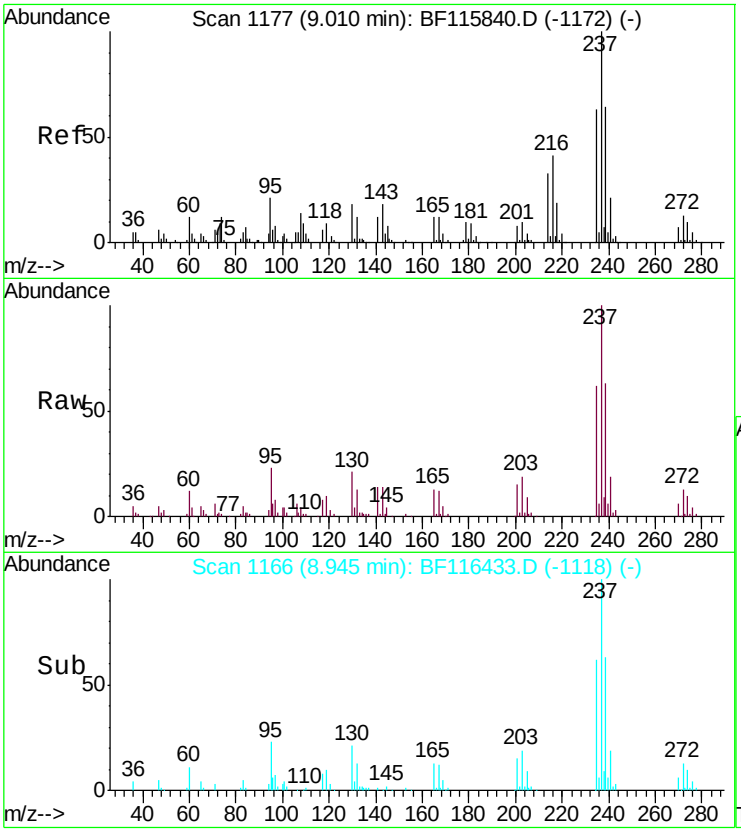


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.377 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:216 Resp: 265459

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.6	95.4
179	22.5	17.8	26.8
108	20.2	16.5	24.7

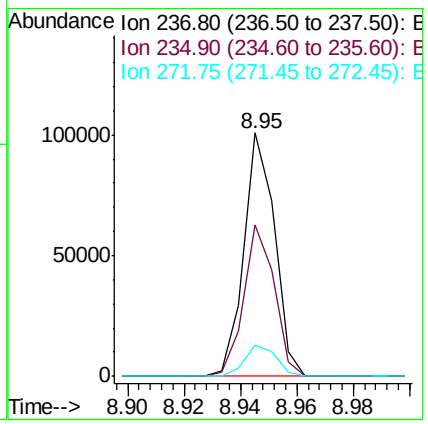




#41
Hexachlorocyclopentadiene
Concen: 29.797 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:237 Resp: 76099

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.4	83.4
272	12.6	0.0	33.2



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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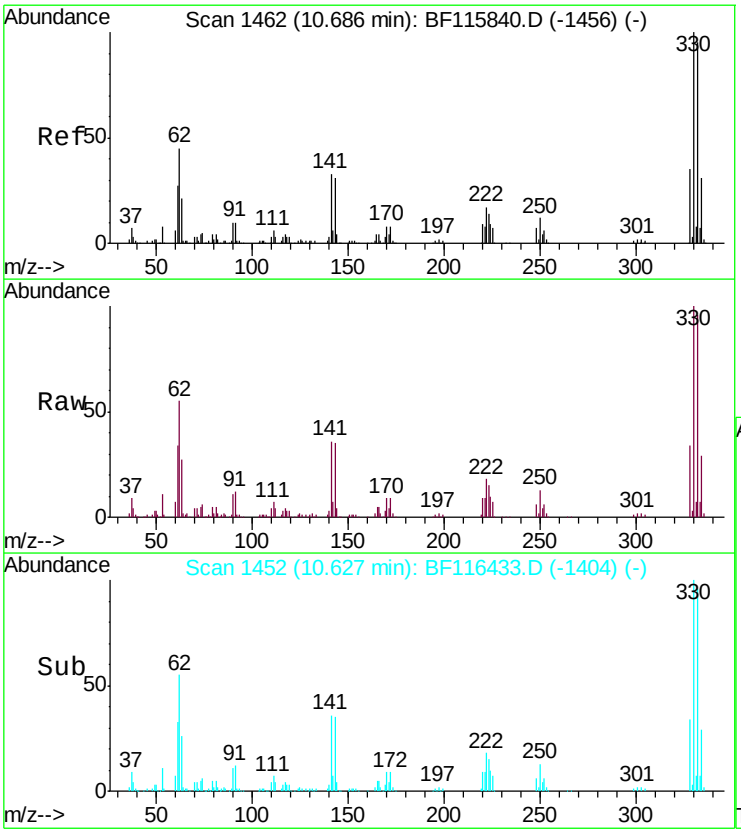
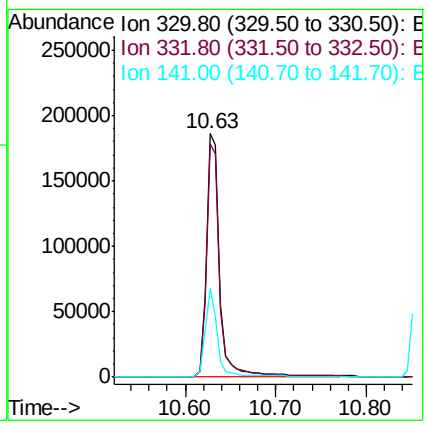
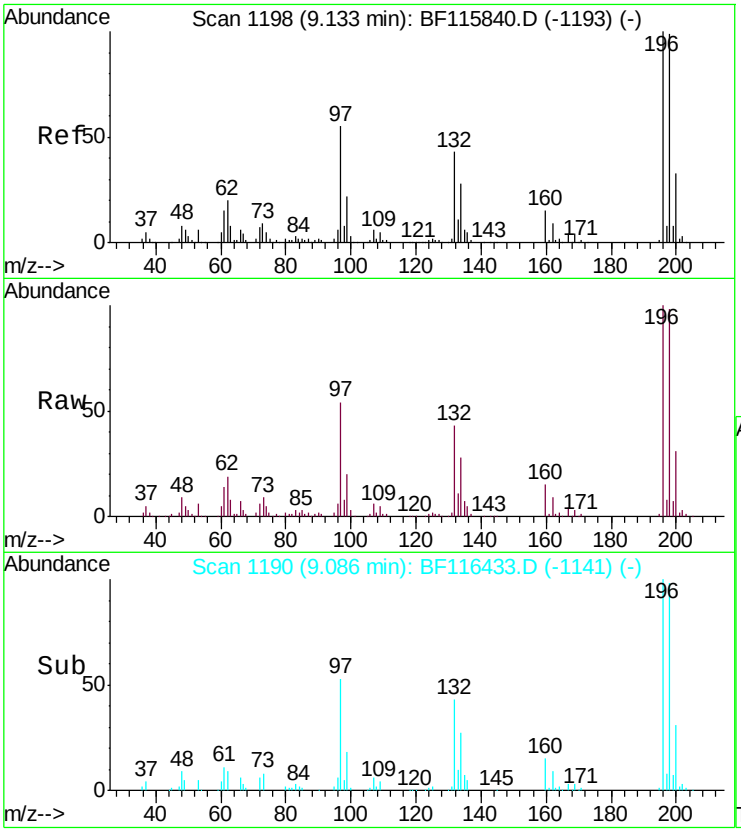


#42
2,4,6-Tribromophenol
Concen: 81.867 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:330 Resp: 195195

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	32.8	26.3	39.5

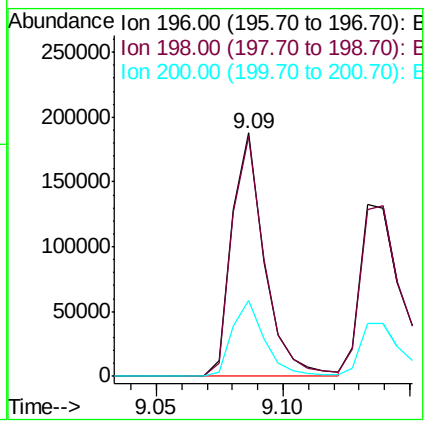




#43
2,4,6-Trichlorophenol
Concen: 37.172 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:196 Resp: 168217

Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.2	118.8
200	31.4	25.2	37.8



Instrument :
BNA_F
ClientSampleId :
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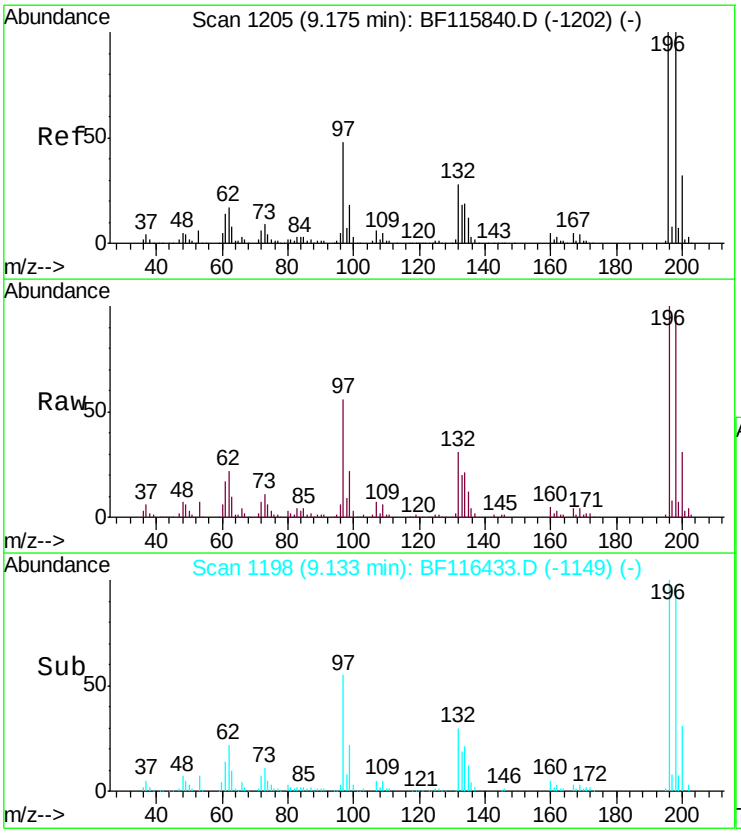
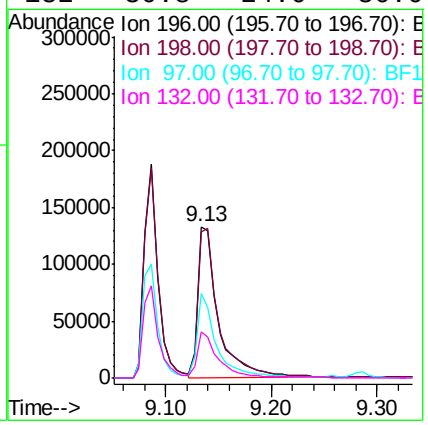
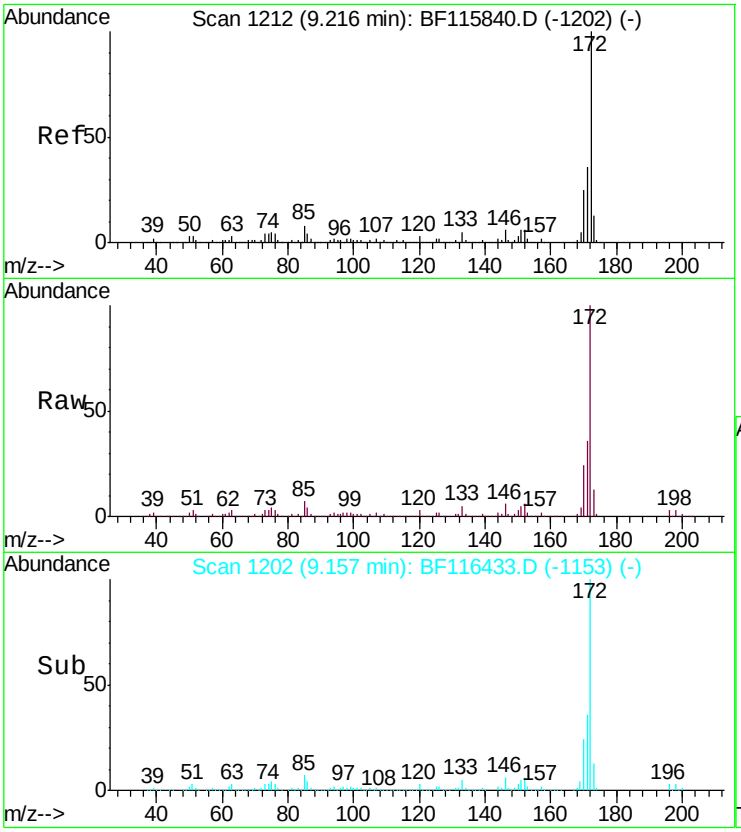


#44
2,4,5-Trichlorophenol
Concen: 37.686 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:196 Resp: 176290

Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.8	118.2
97	56.0	42.2	63.4
132	30.8	24.0	36.0

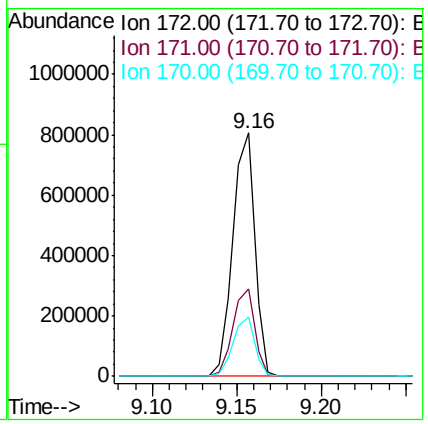




#45
2-Fluorobiphenyl
Concen: 55.670 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:172 Resp: 730911

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
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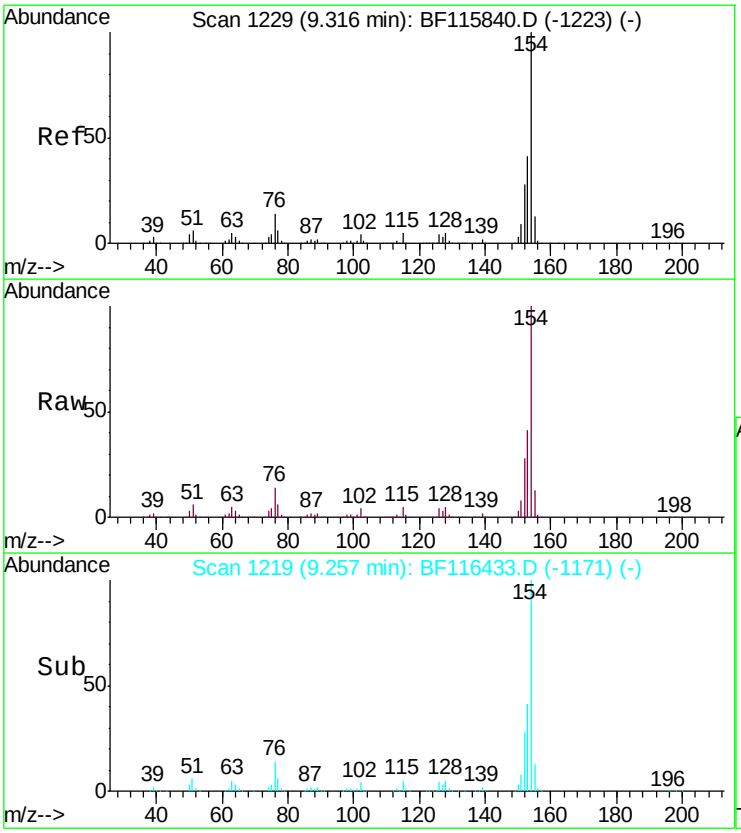
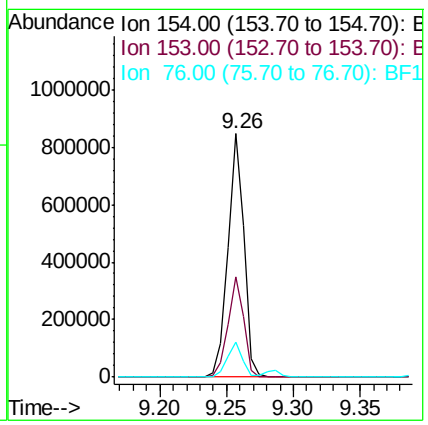
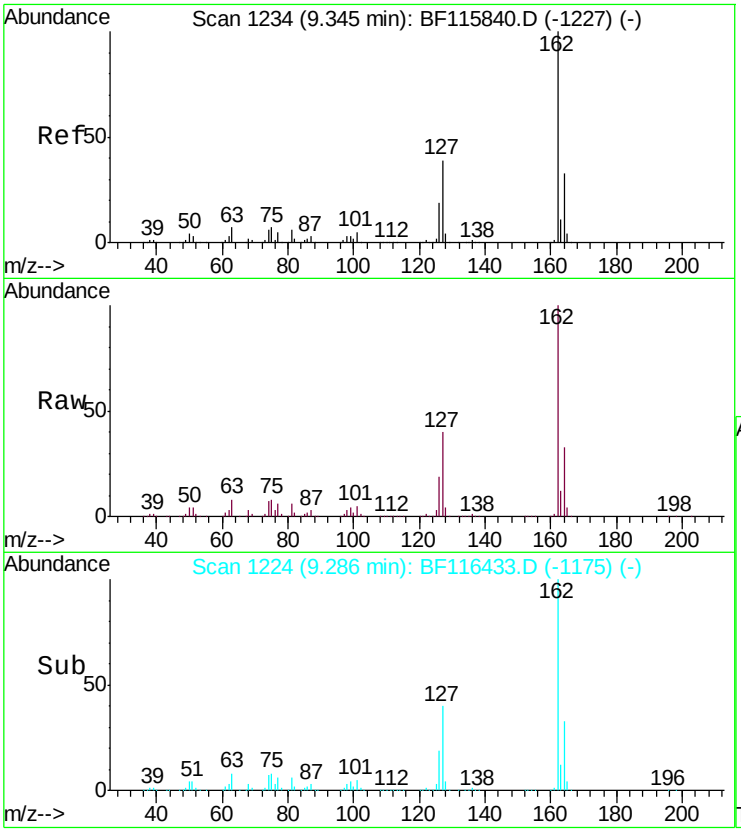


#46
1,1'-Biphenyl
Concen: 41.497 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:154 Resp: 720479

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.4	61.4
76	14.2	0.0	35.2

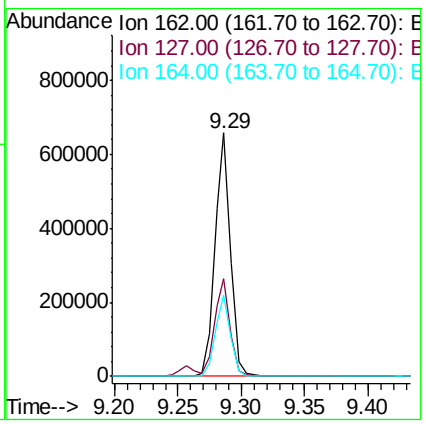




#47
2-Chloronaphthalene
Concen: 39.195 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:162 Resp: 566378

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.8	49.2
164	33.1	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
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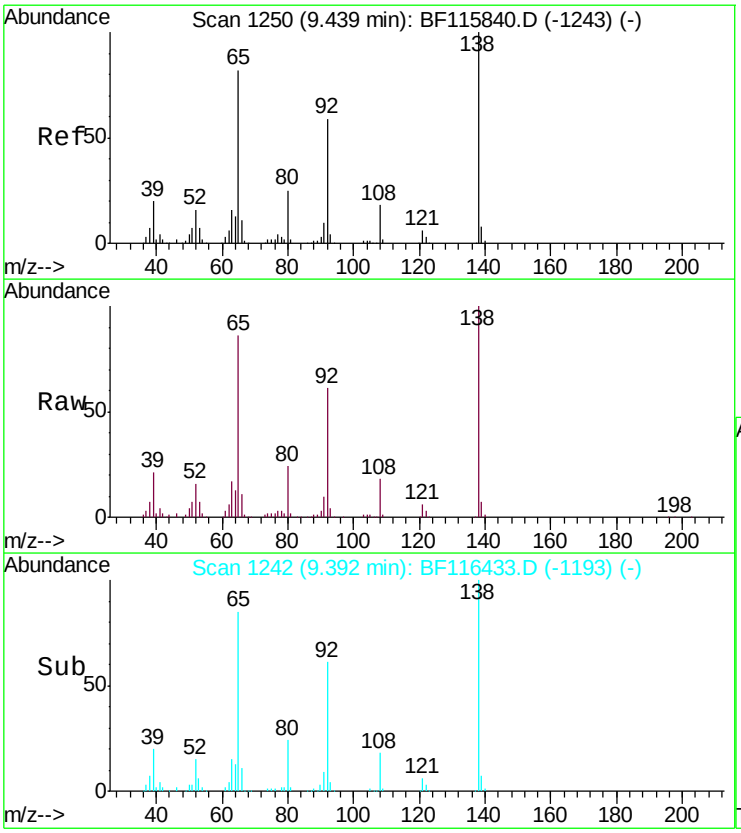
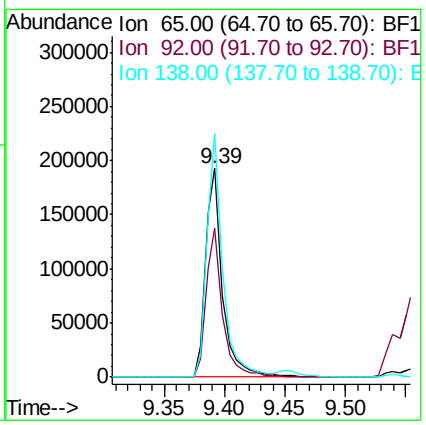
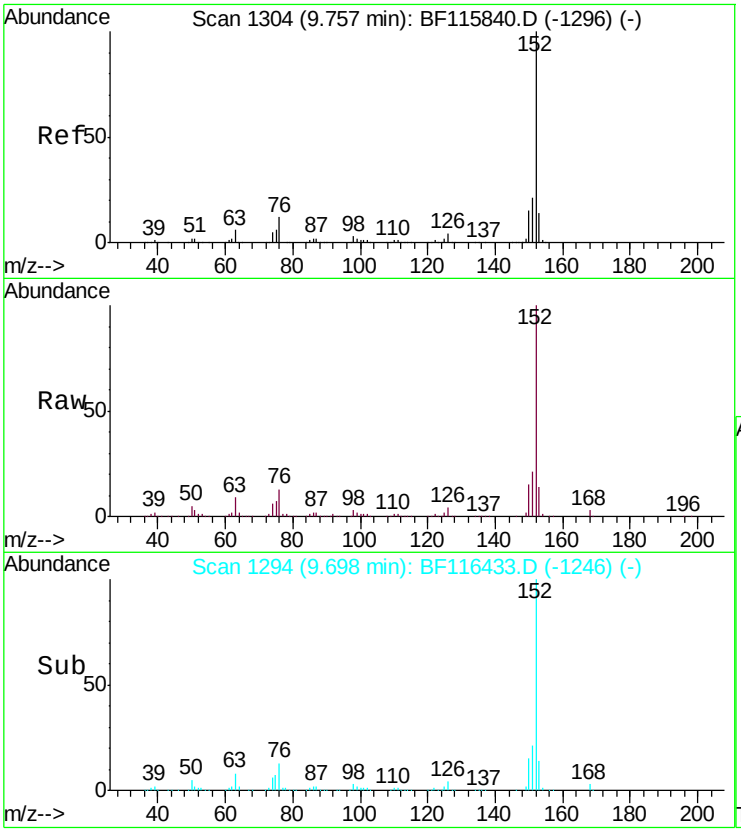


#48
2-Nitroaniline
Concen: 38.800 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 65 Resp: 185321

Ion	Ratio	Lower	Upper
65	100		
92	71.2	57.8	86.8
138	116.7	94.0	141.0

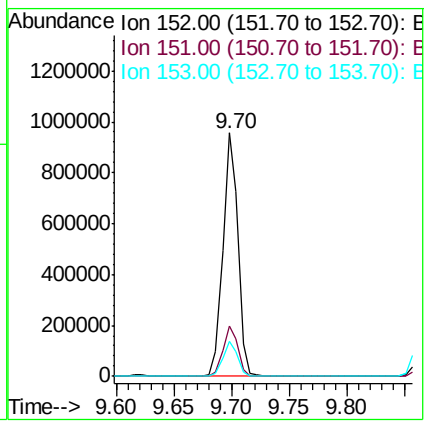




#49
Acenaphthylene
Concen: 40.847 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:152 Resp: 861114

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	14.3	11.8	17.8



Instrument :
BNA_F
ClientSampleId :
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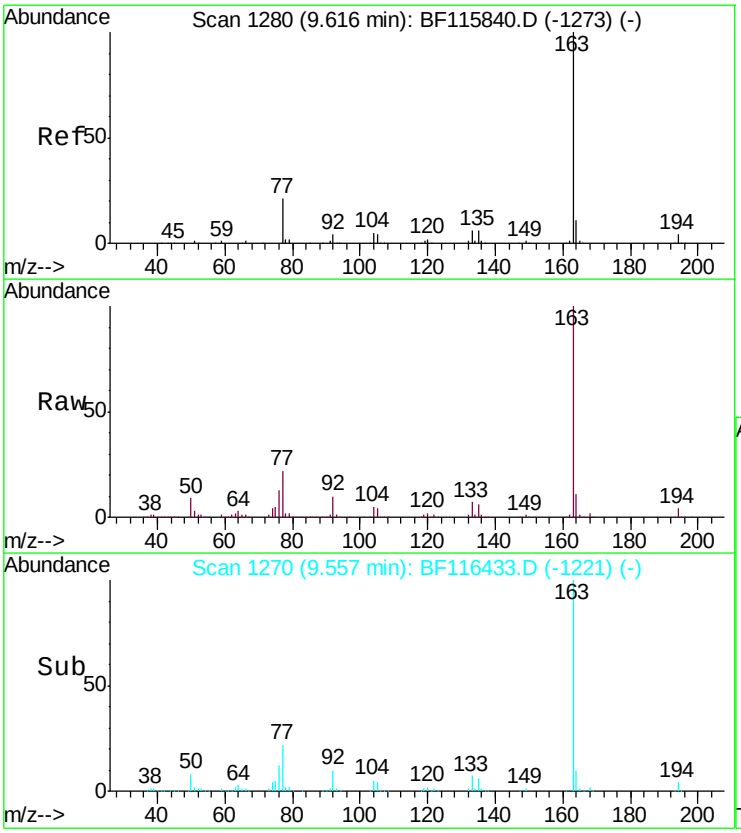
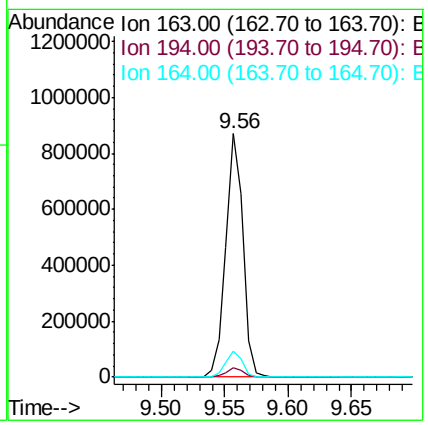
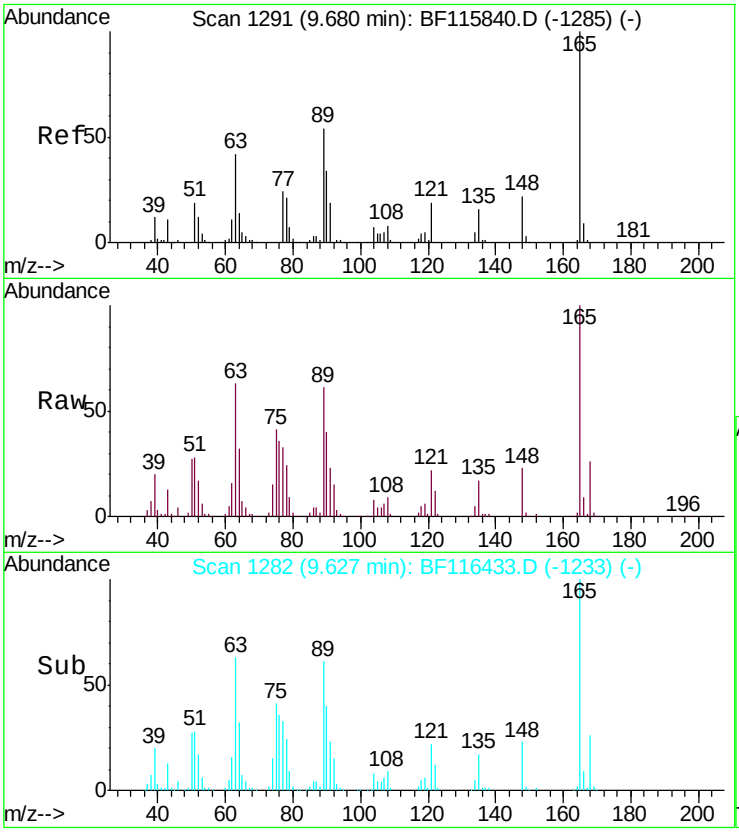


#50
Dimethylphthalate
Concen: 48.574 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:163 Resp: 813341

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.4	12.6

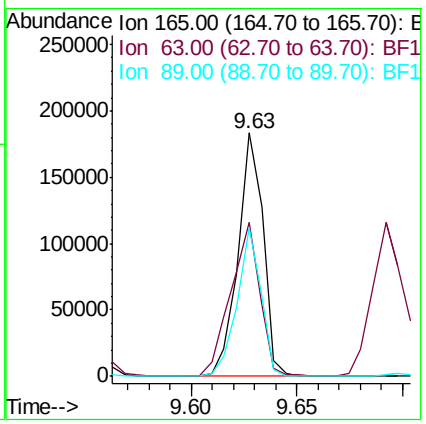




#51
2,6-Dinitrotoluene
Concen: 41.289 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:165 Resp: 150245

Ion	Ratio	Lower	Upper
165	100		
63	63.1	38.2	57.2#
89	61.3	42.9	64.3



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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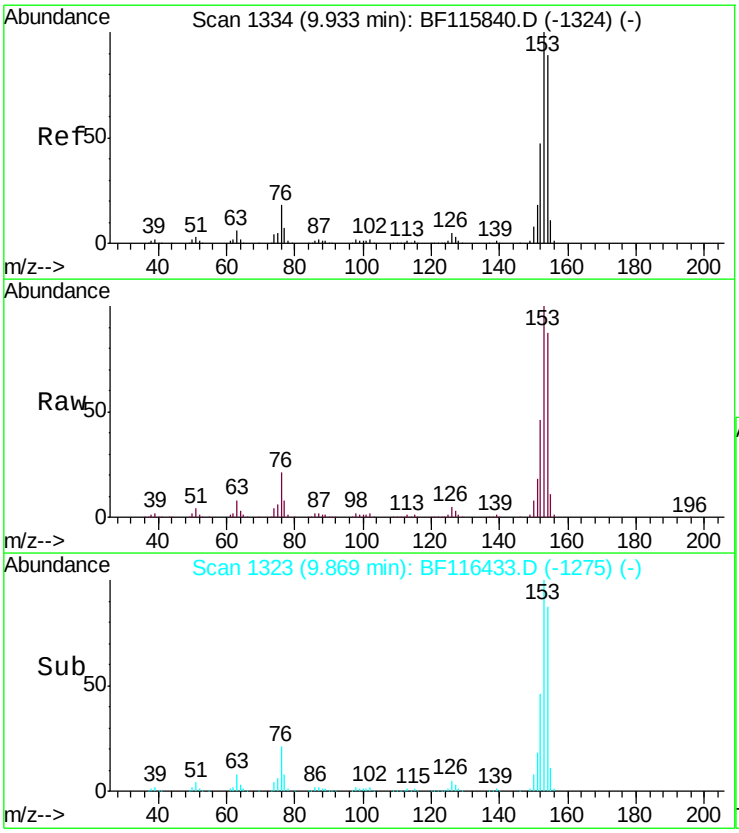
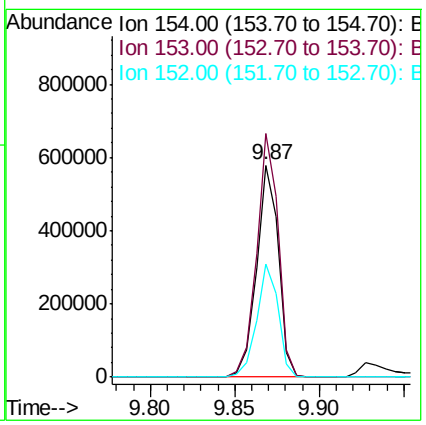
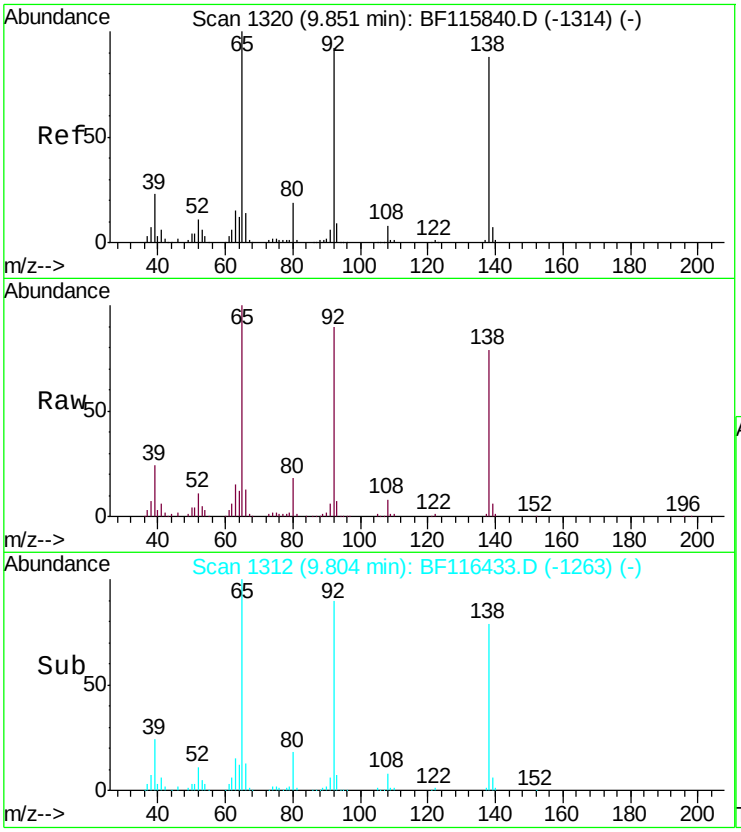


#52
Acenaphthene
Concen: 40.451 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:154 Resp: 523165

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.4	134.0
152	53.3	42.3	63.5

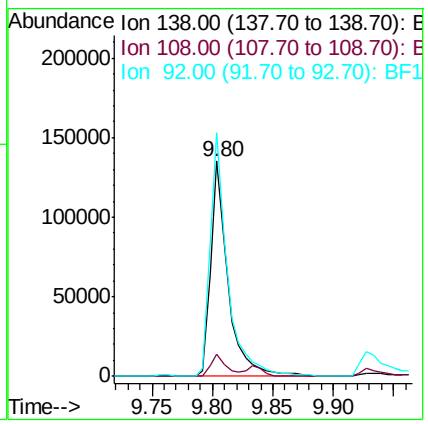




#53
3-Nitroaniline
Concen: 29.547 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:138 Resp: 132850

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.0	12.0
92	113.0	91.0	136.6



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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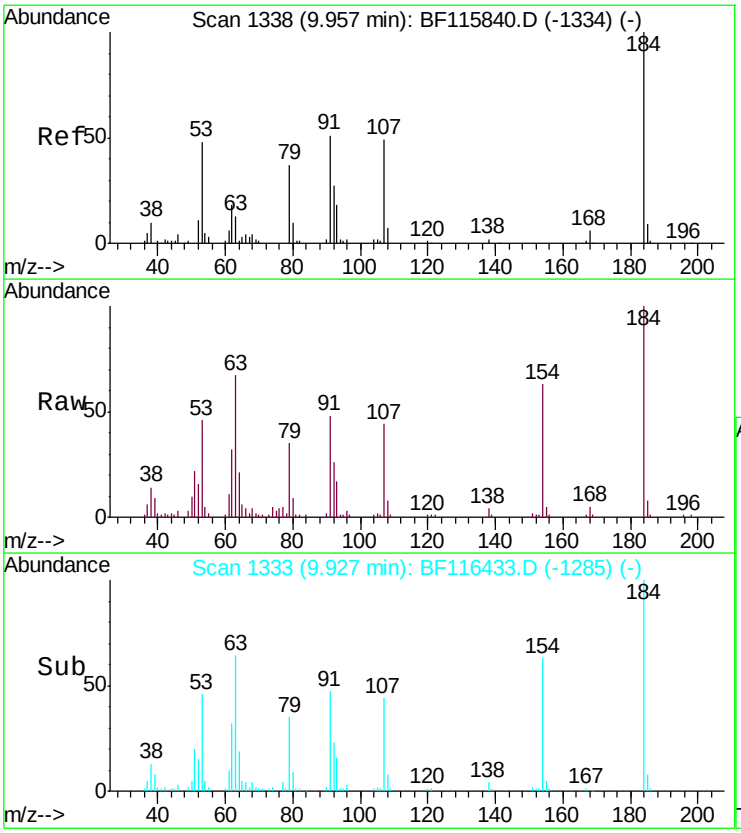
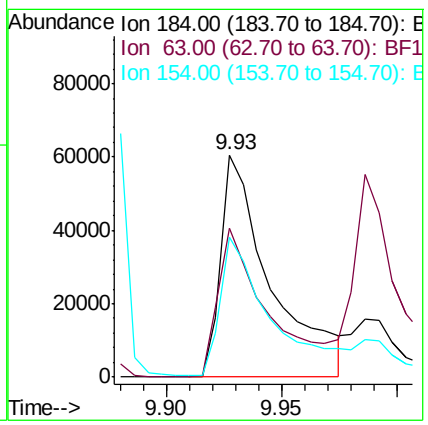
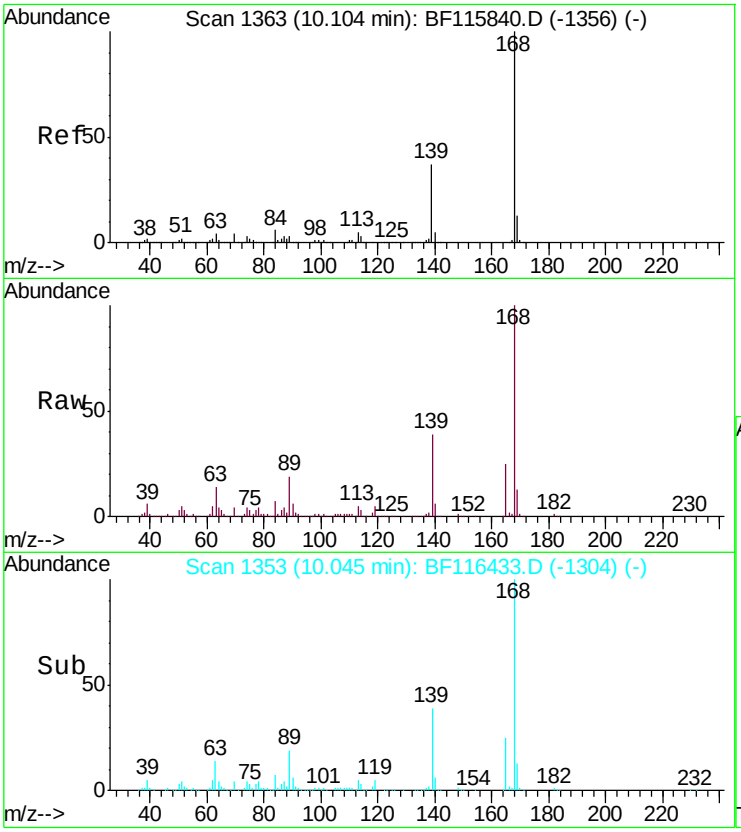


#54
2,4-Dinitrophenol
Concen: 52.369 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:184 Resp: 91389

Ion	Ratio	Lower	Upper
184	100		
63	67.0	53.0	79.4
154	62.8	50.1	75.1

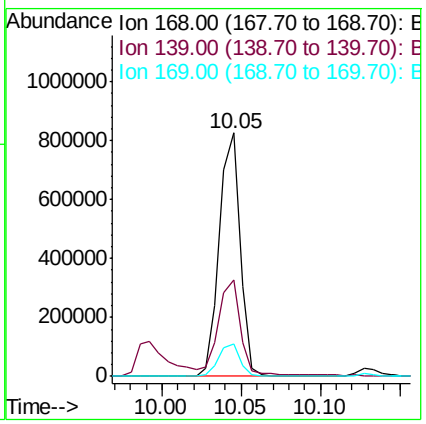




#55
Dibenzofuran
Concen: 40.304 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:168 Resp: 758061

Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.4	47.2
169	13.3	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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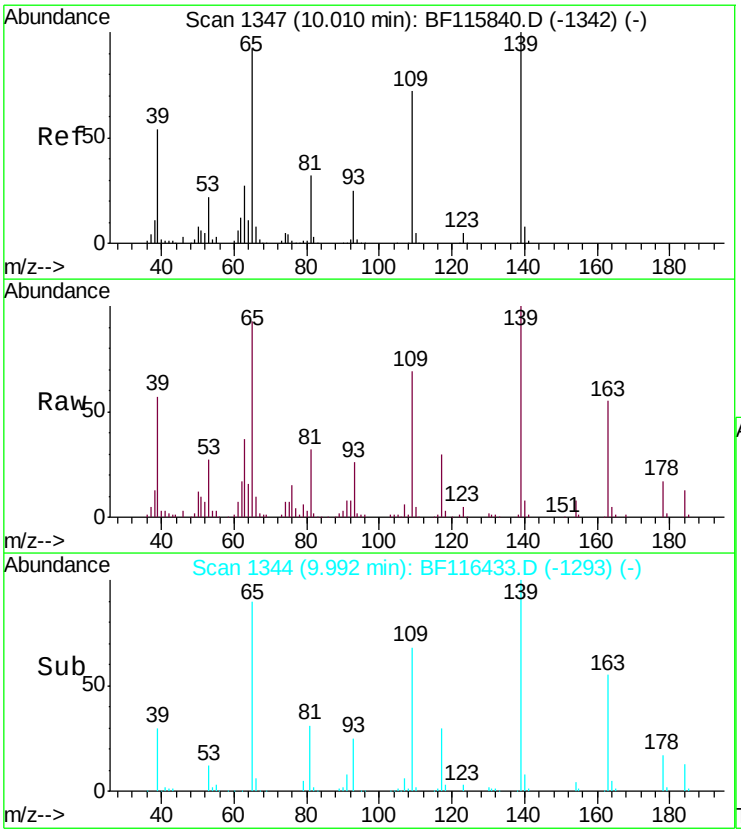
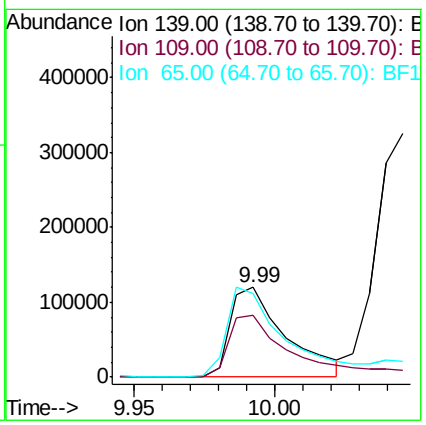
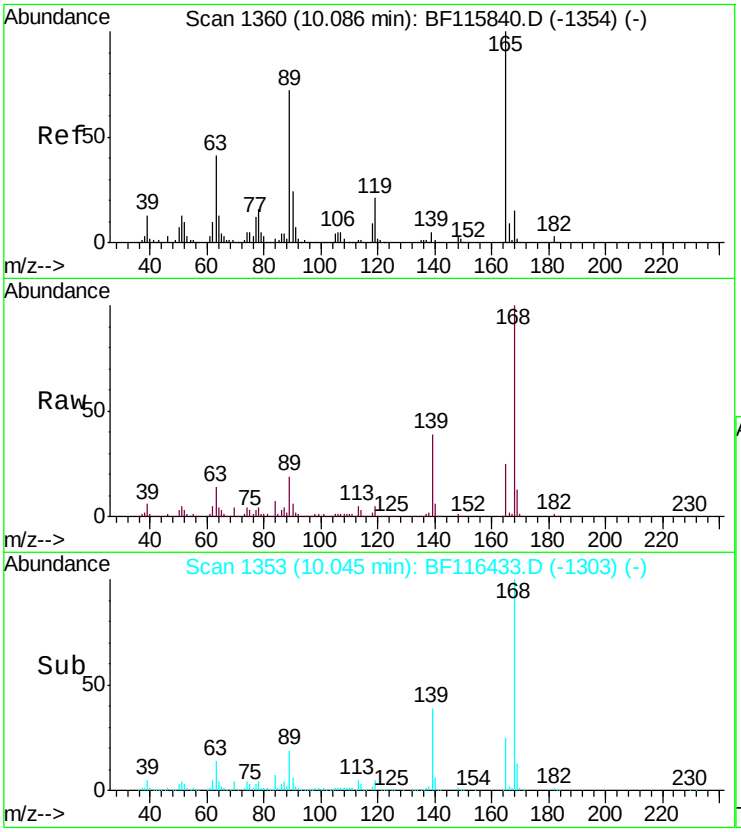


#56
4-Nitrophenol
Concen: 56.751 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:139 Resp: 163462

Ion	Ratio	Lower	Upper
139	100		
109	69.3	54.4	94.4
65	93.4	80.6	120.6

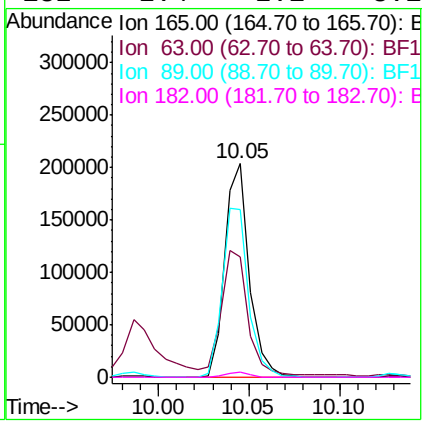




#57
2,4-Dinitrotoluene
Concen: 39.480 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:165 Resp: 191277

Ion	Ratio	Lower	Upper
165	100		
63	56.3	39.6	59.4
89	78.8	62.2	93.2
182	2.4	2.1	3.1



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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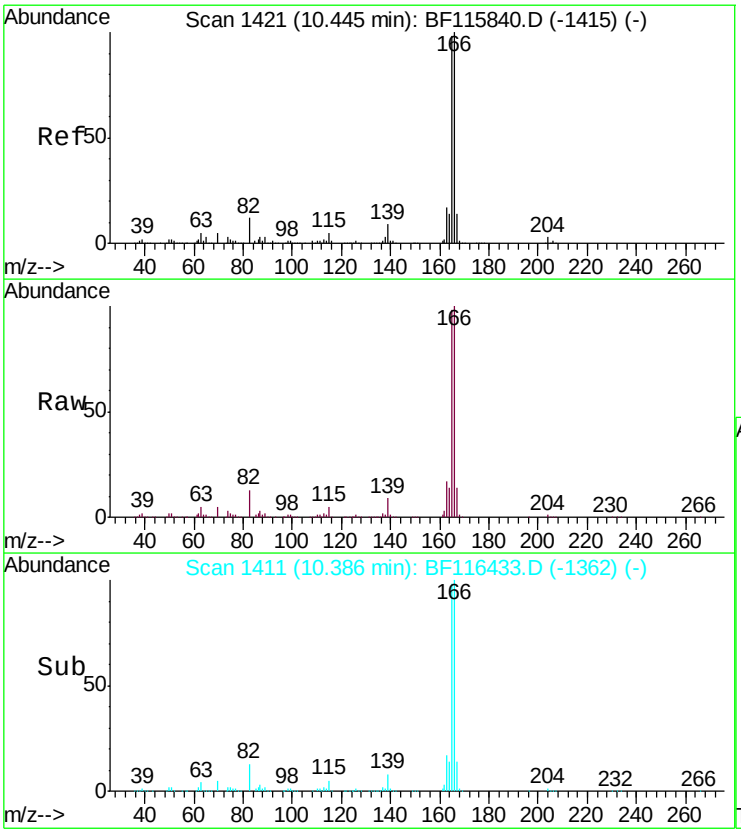
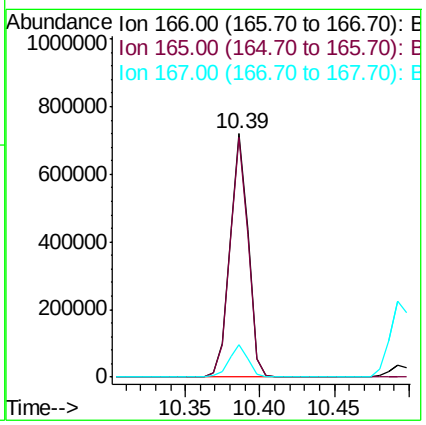
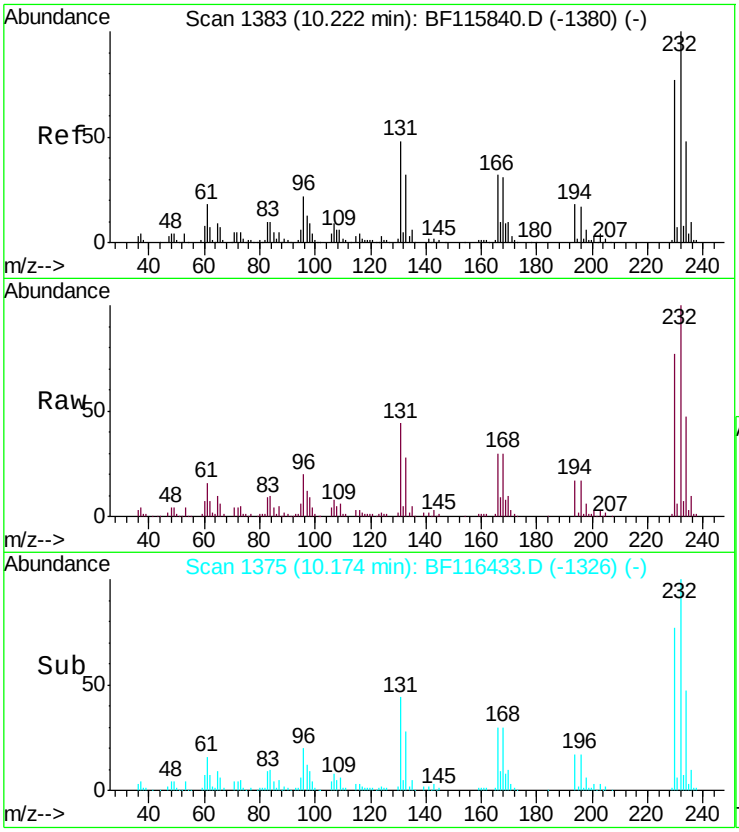


#58
Fluorene
Concen: 43.212 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:166 Resp: 625302

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.6	11.0	16.4

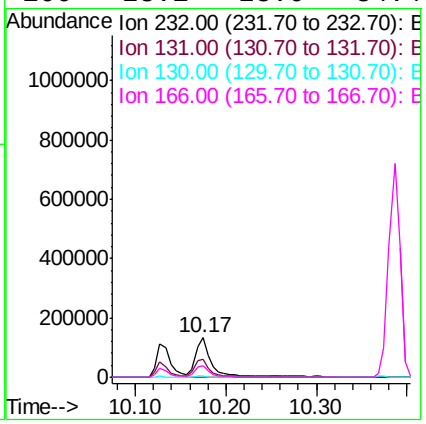




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.809 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:232 Resp: 156667

Ion	Ratio	Lower	Upper
232	100		
131	42.6	36.2	54.2
130	2.4	1.9	2.9
166	28.1	23.0	34.4



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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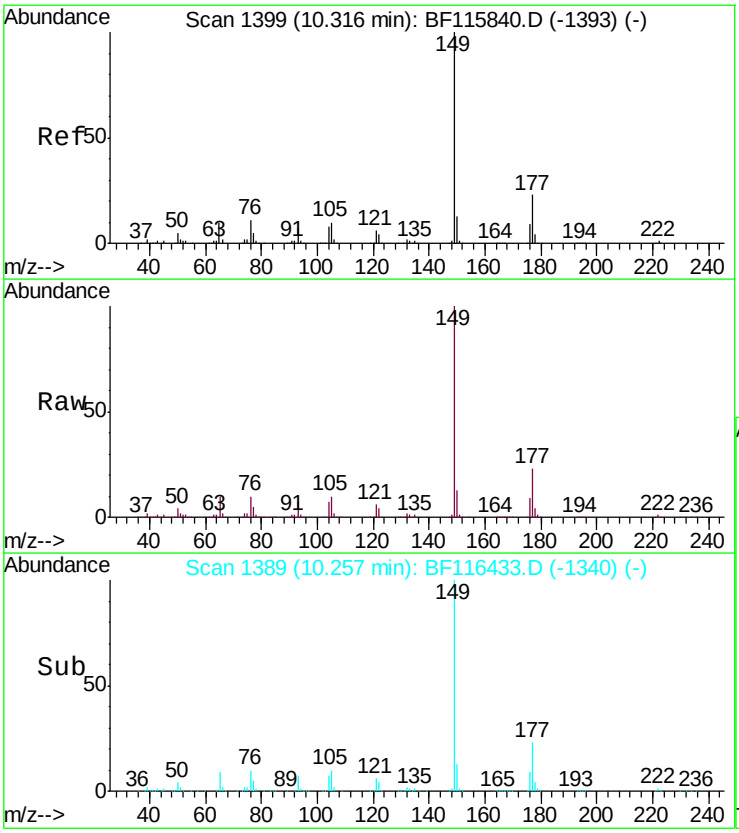
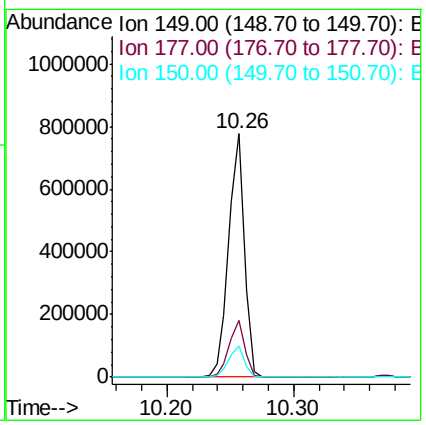
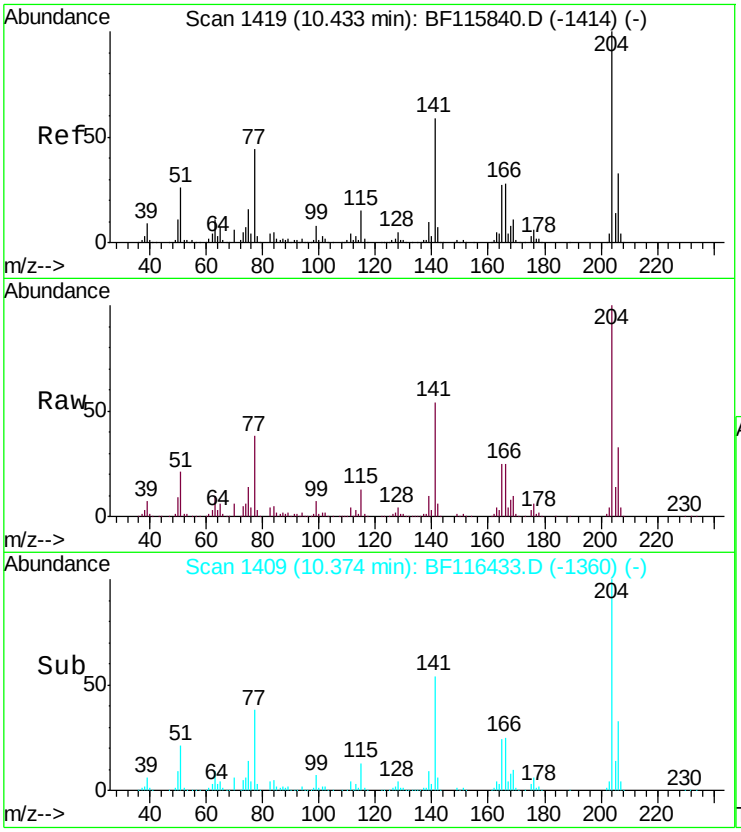


#60
Diethylphthalate
Concen: 42.652 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:149 Resp: 666782

Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	12.8	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.969 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:204 Resp: 314909

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.4	39.6
141	54.3	46.4	69.6

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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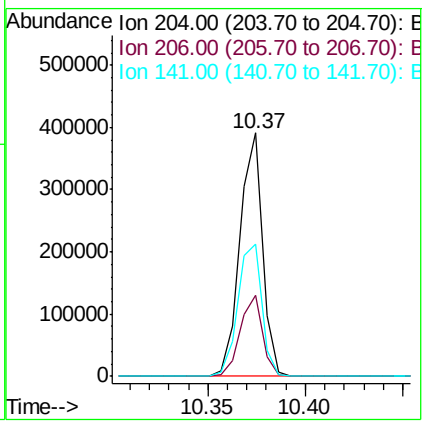
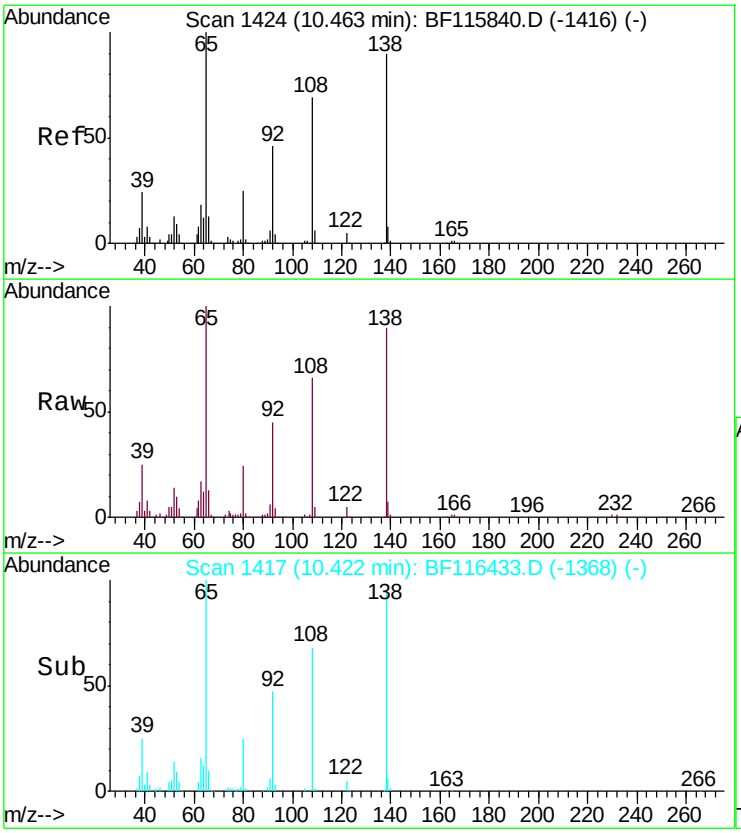
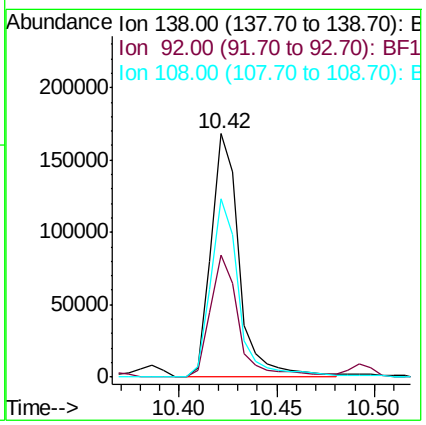


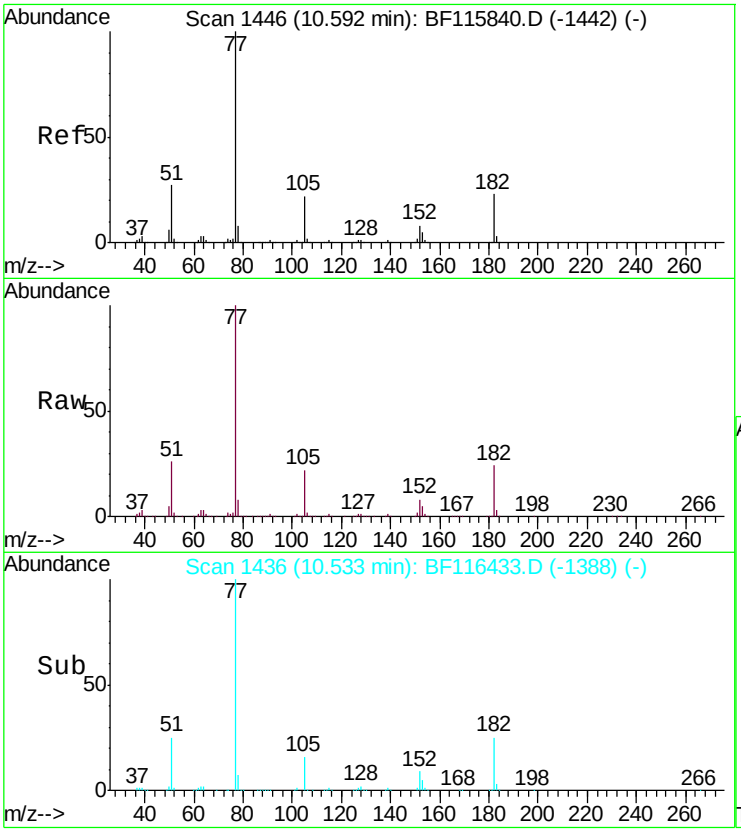


#62
4-Nitroaniline
Concen: 36.463 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:138 Resp: 169430

Ion	Ratio	Lower	Upper
138	100		
92	50.1	29.0	69.0
108	73.4	54.7	94.7

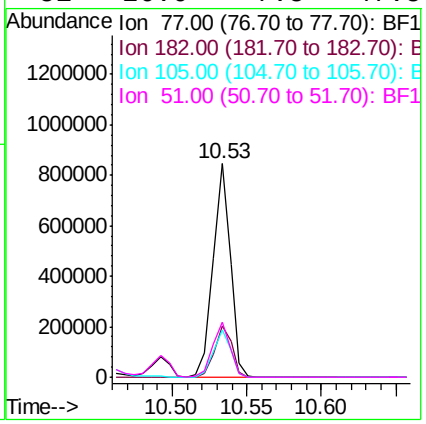




#63
Azobenzene
Concen: 42.397 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion: 77 Resp: 681721

Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.0	44.0
105	22.0	2.0	42.0
51	26.0	7.5	47.5



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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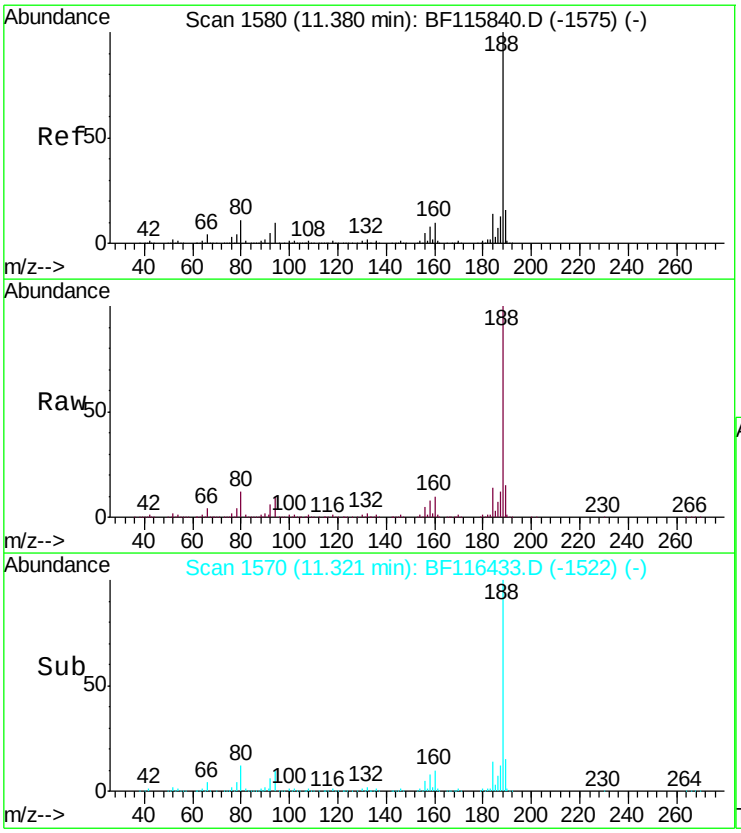
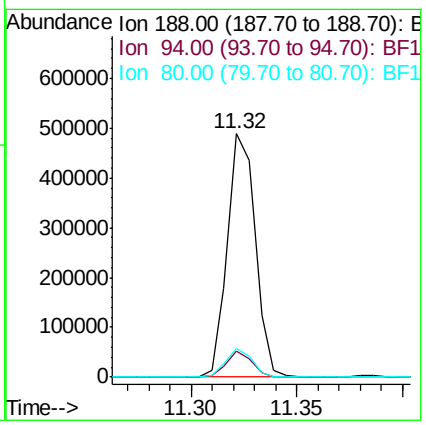
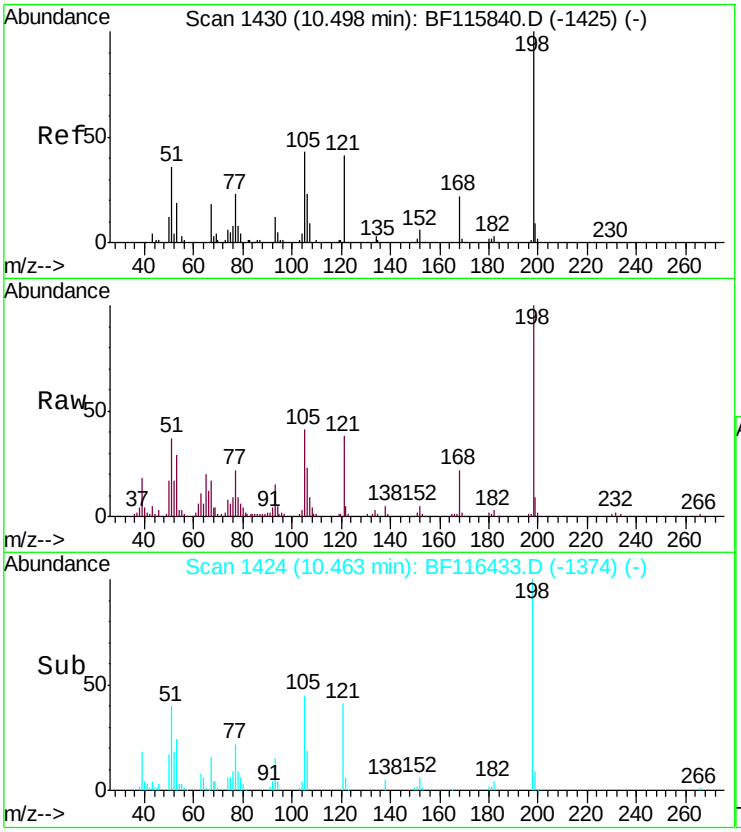


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:188 Resp: 444875

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	12.0	8.7	13.1

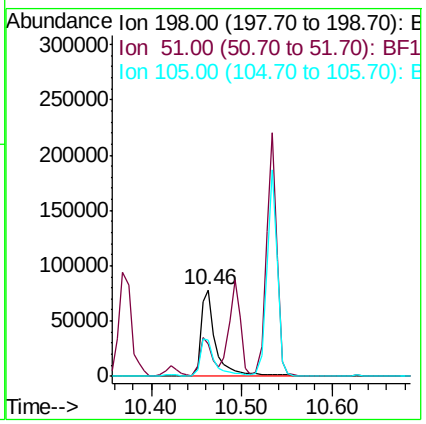




#65
4,6-Dinitro-2-methylphenol
Concen: 38.778 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:198 Resp: 91420

Ion	Ratio	Lower	Upper
198	100		
51	37.2	17.0	57.0
105	41.5	21.6	61.6



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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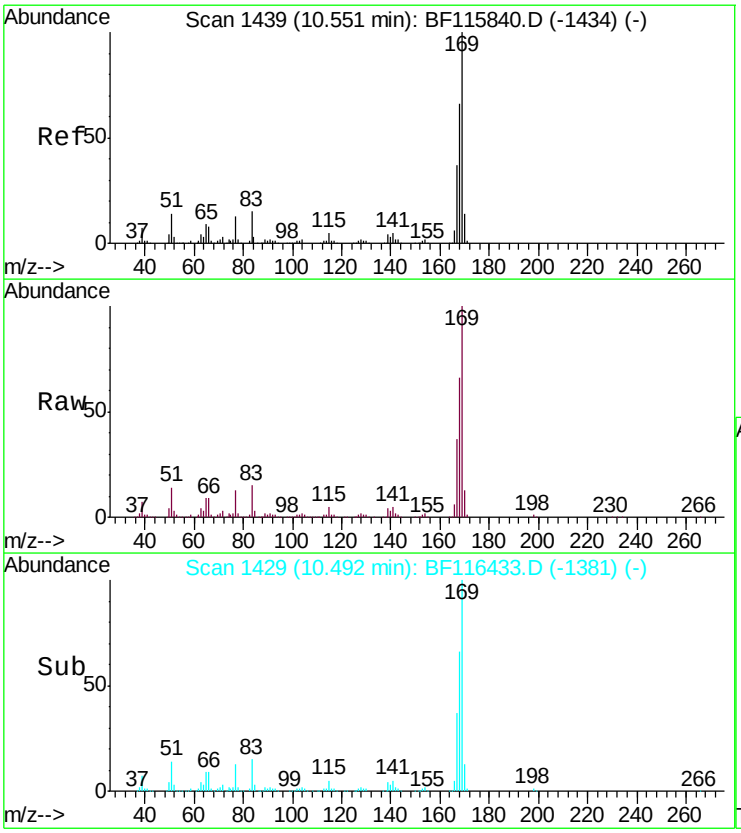
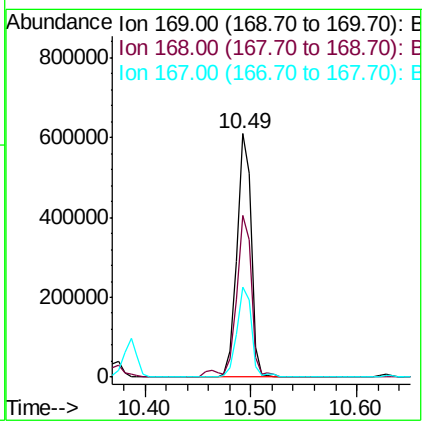
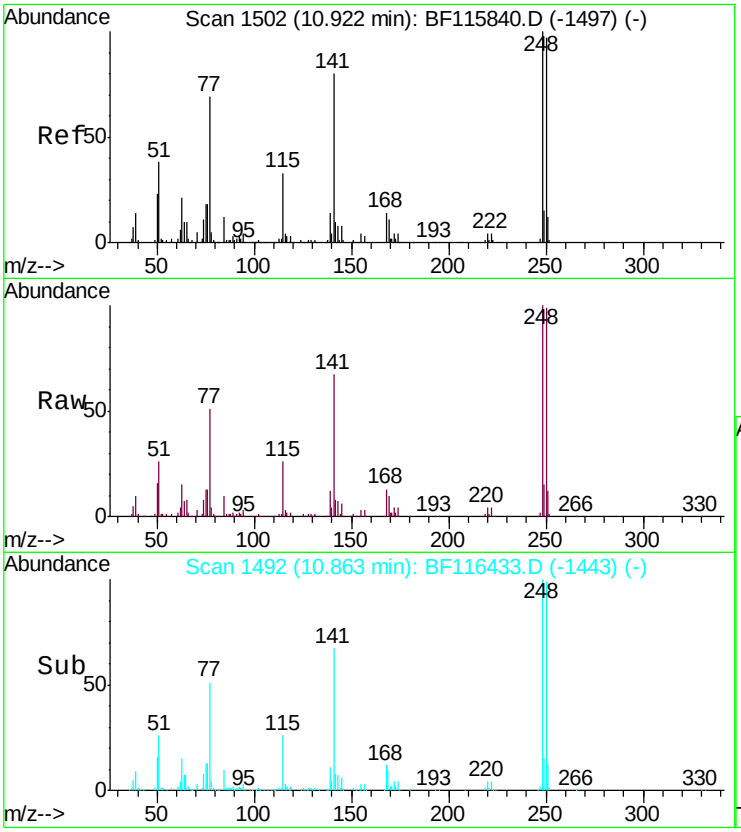


#66
n-Nitrosodiphenylamine
Concen: 41.522 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:169 Resp: 555985

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.8	80.6
167	37.1	29.6	44.4





#67
4-Bromophenyl-phenylether
Concen: 40.273 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:248 Resp: 191794

Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.4	116.2
141	67.4	56.8	85.2

Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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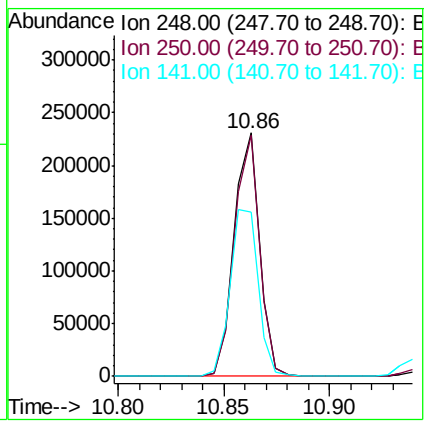
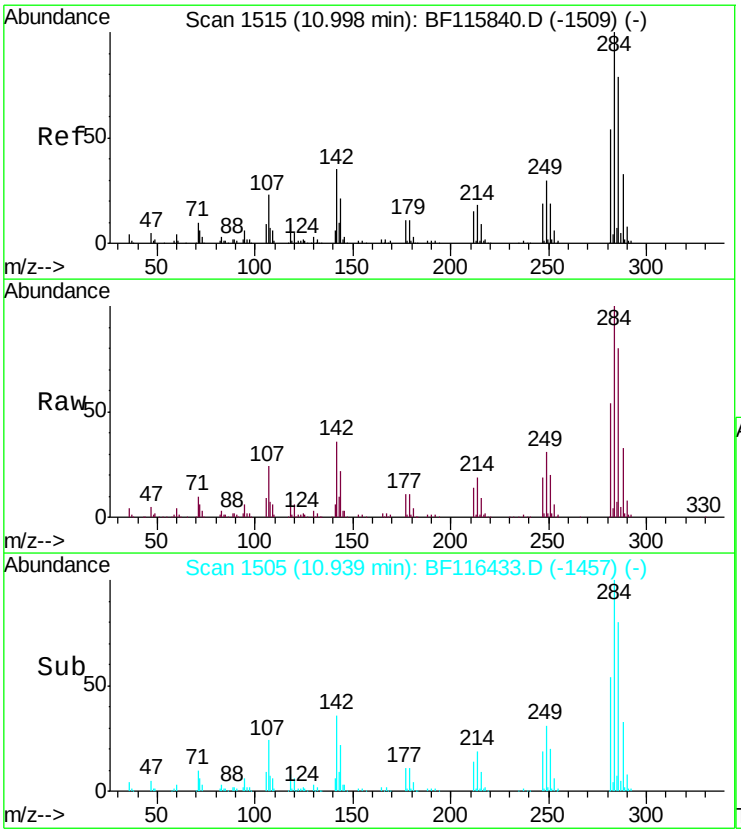
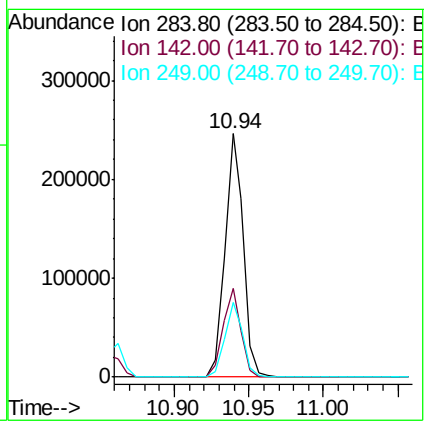


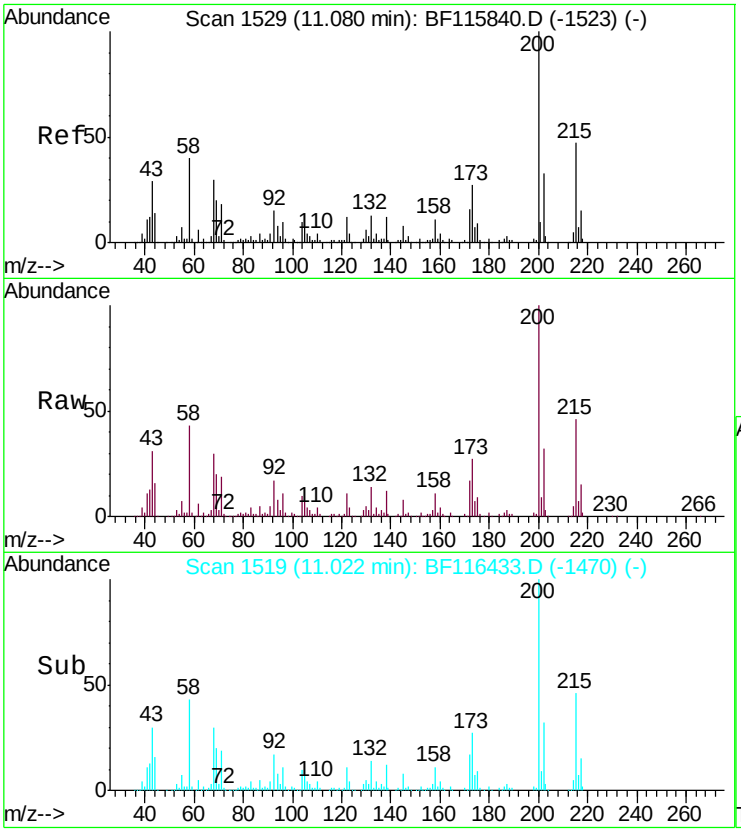


#68
Hexachlorobenzene
Concen: 38.785 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:284 Resp: 213586

Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.4	42.6
249	30.7	24.5	36.7

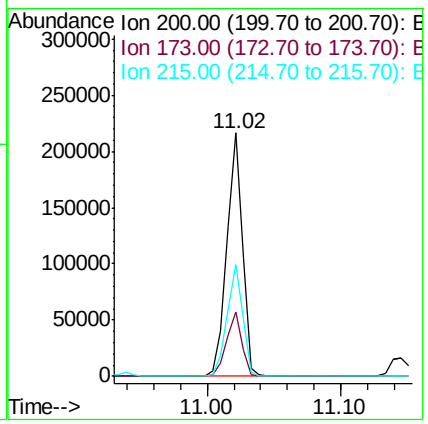




#69
Atrazine
Concen: 41.203 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:200 Resp: 181507

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.8	46.8
215	46.2	27.5	67.5



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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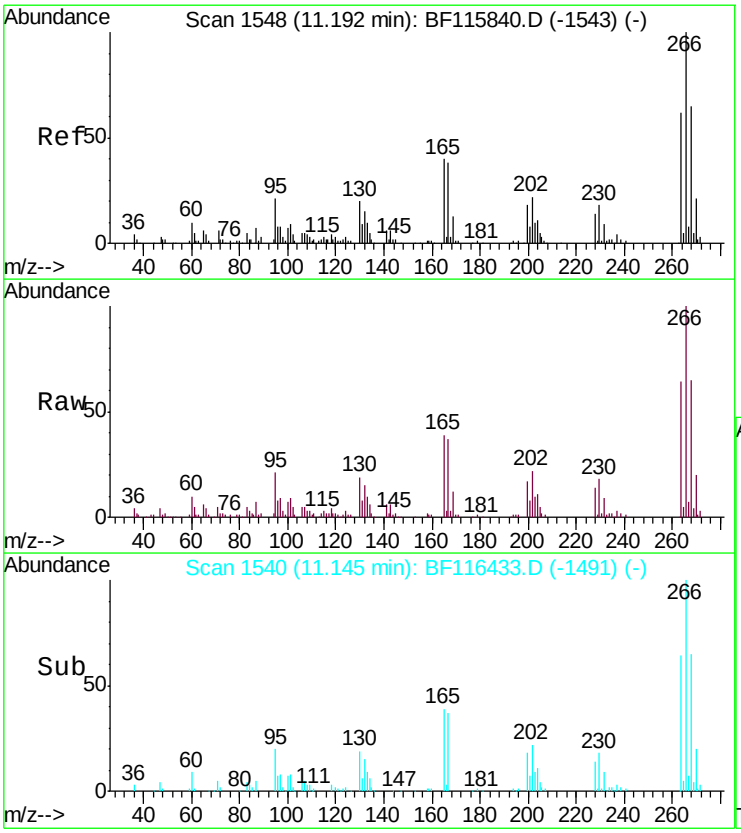
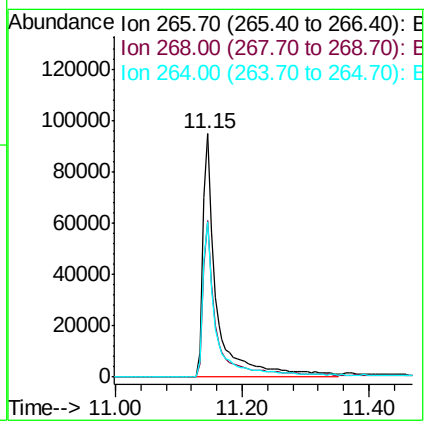
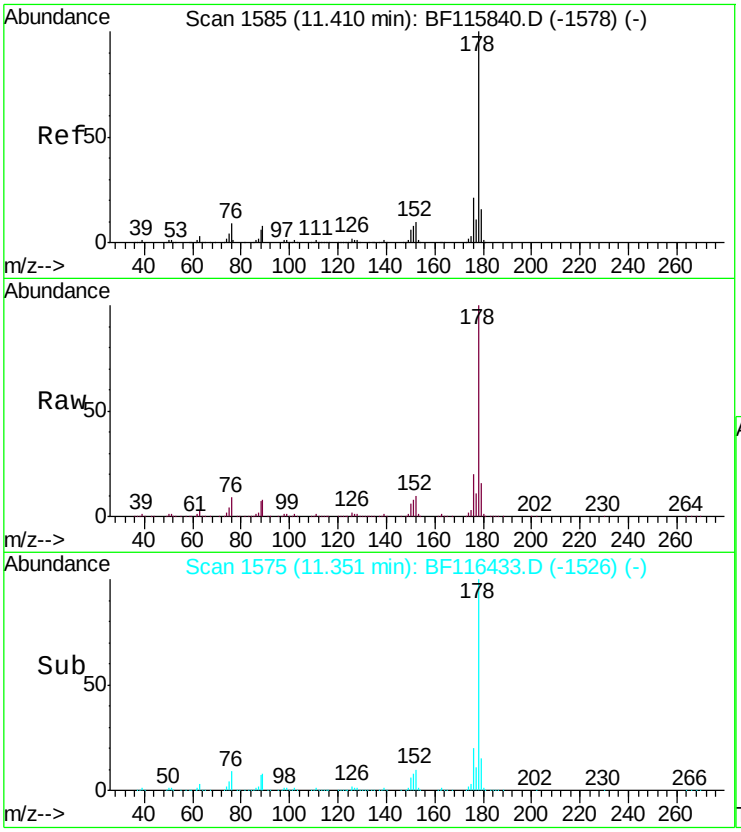


#70
Pentachlorophenol
Concen: 54.299 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:266 Resp: 145173

Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.8	73.2
264	63.6	50.6	76.0

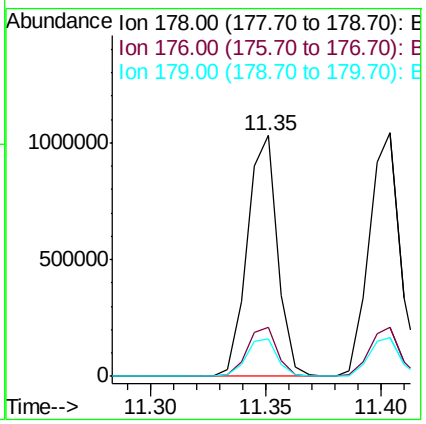




#71
Phenanthrene
Concen: 41.560 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:178 Resp: 945205

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	24.8
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
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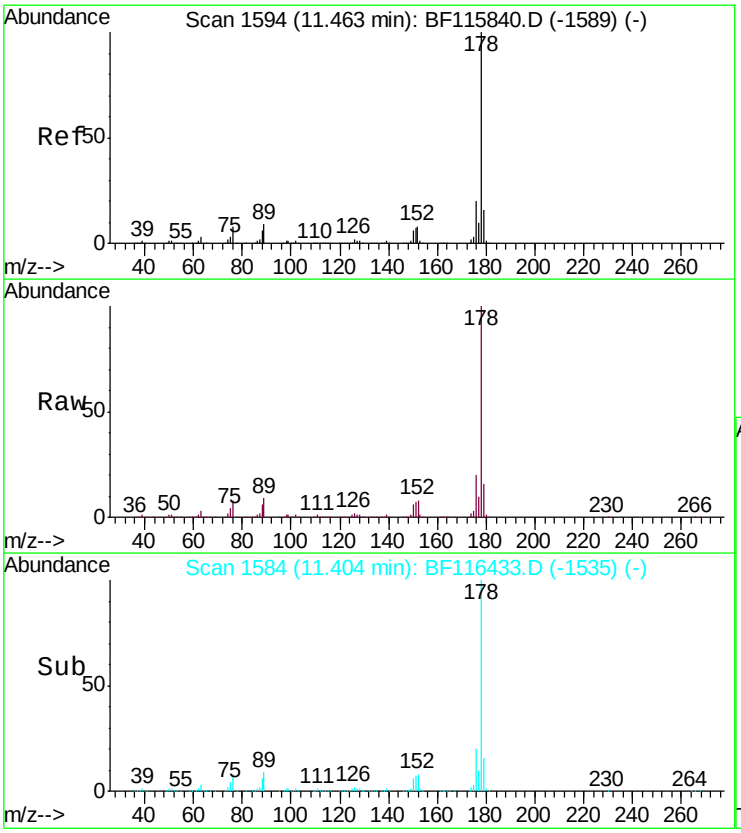
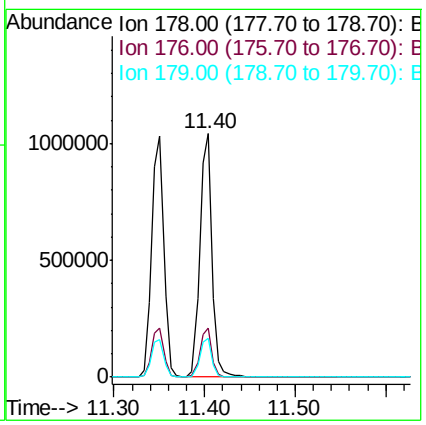
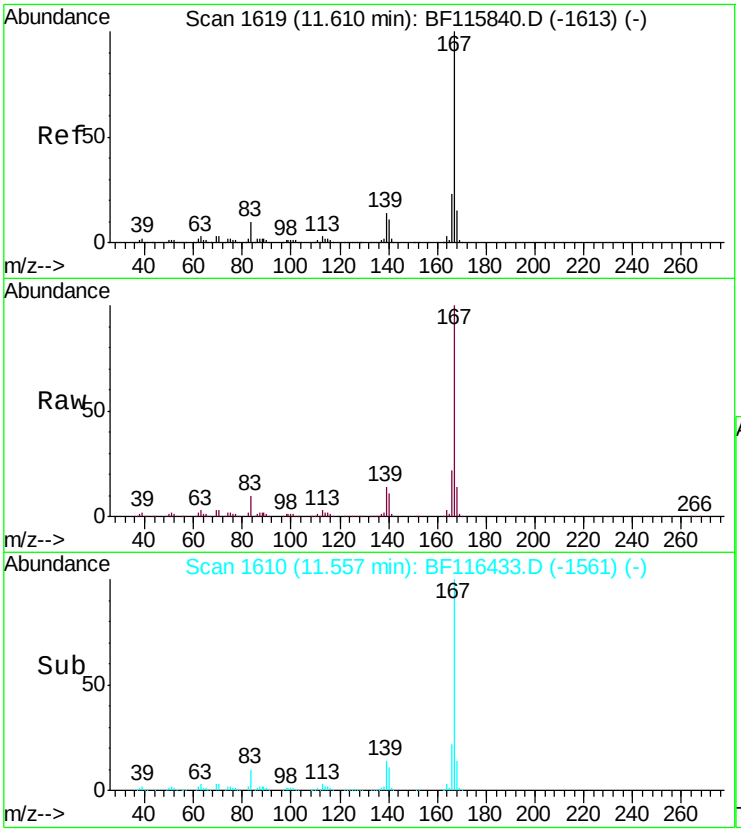


#72
Anthracene
Concen: 42.608 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:178 Resp: 980695

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

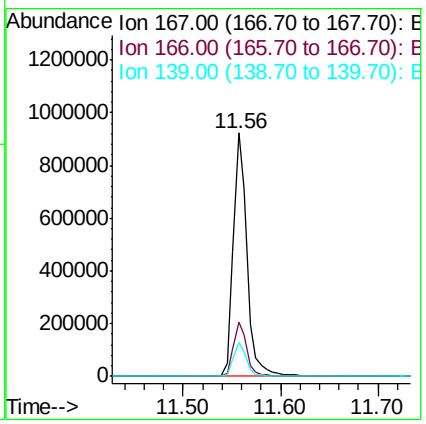




#73
Carbazole
Concen: 42.919 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:167 Resp: 896226

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.0	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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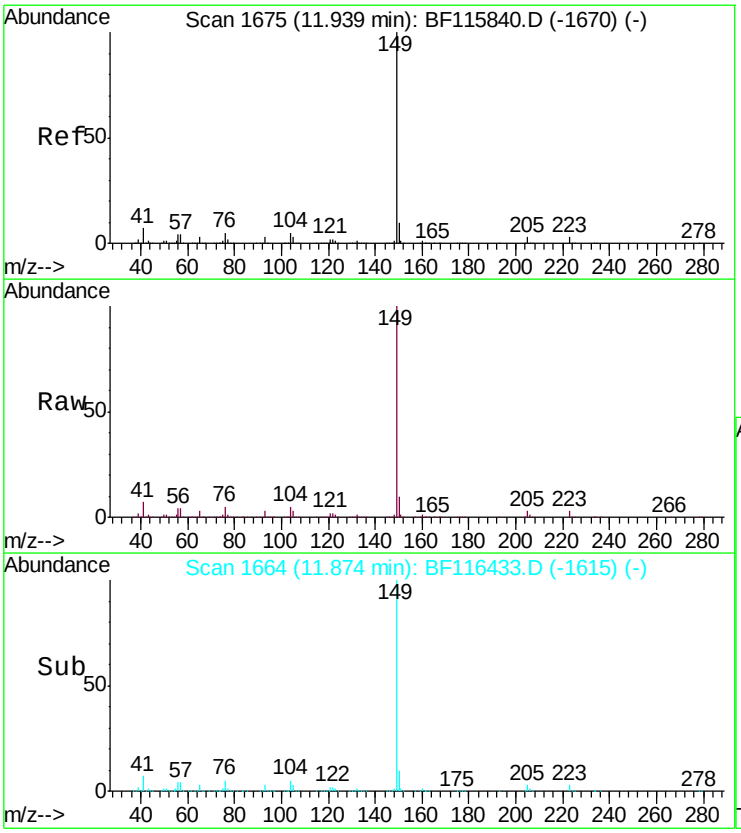
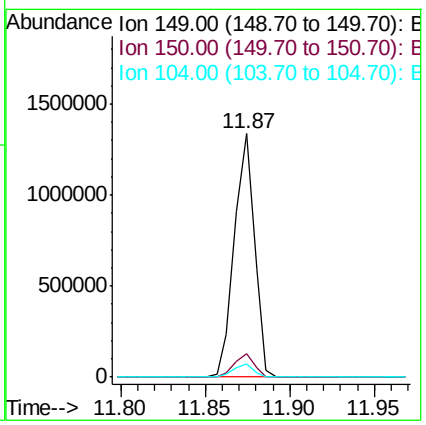
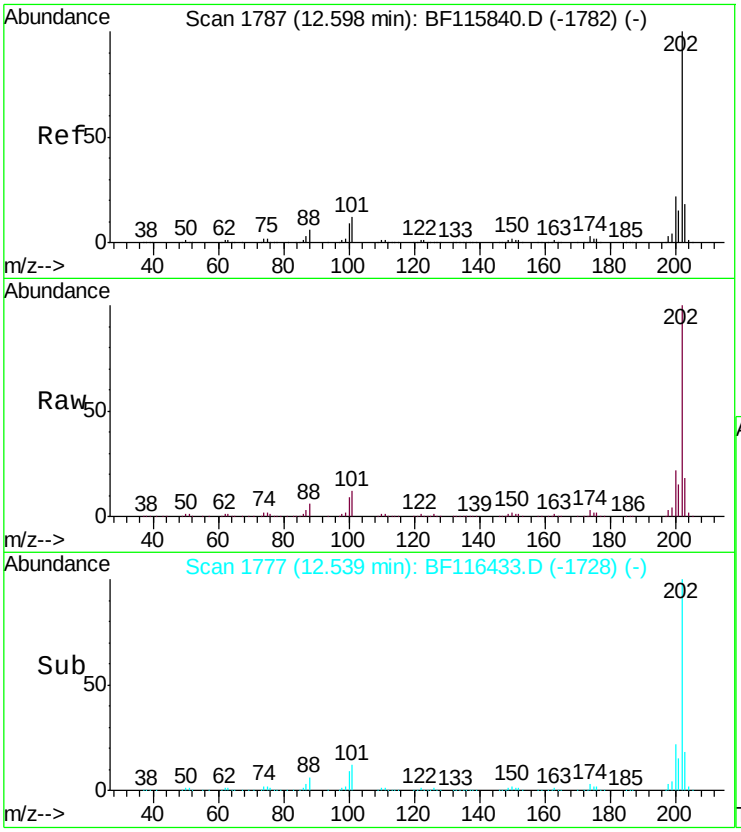


#74
Di-n-butylphthalate
Concen: 45.495 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:149 Resp: 1108244

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.2	4.5	6.7

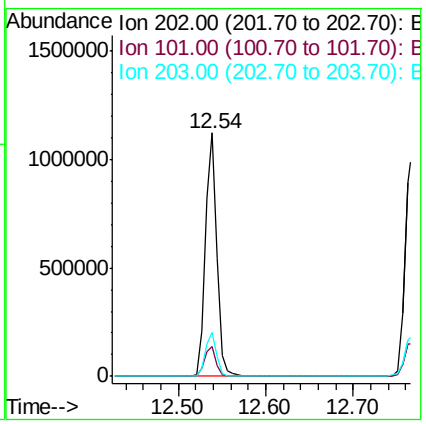




#75
Fluoranthene
Concen: 42.650 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:202 Resp: 1015477

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
203	18.2	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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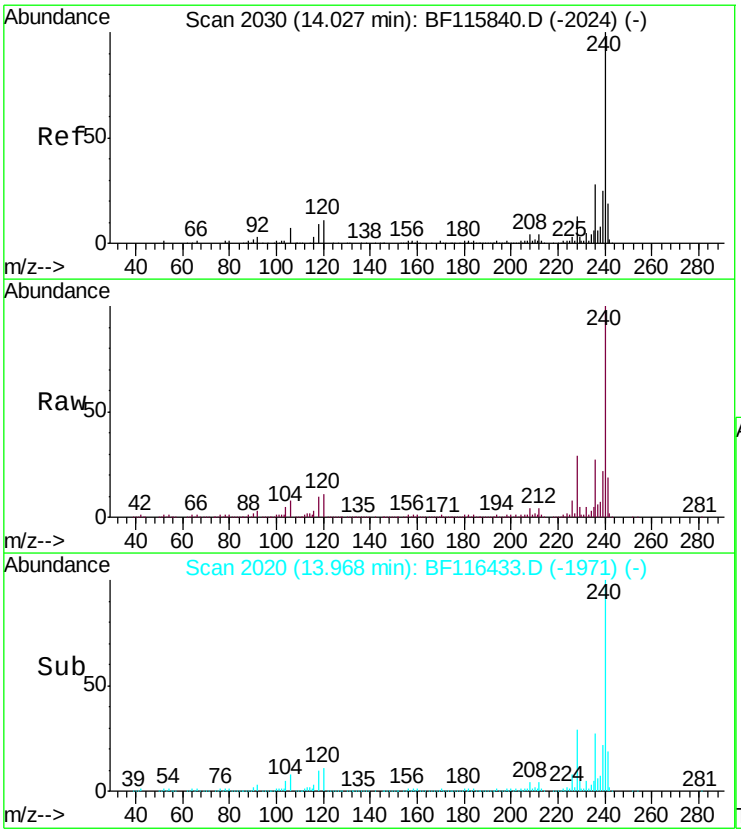
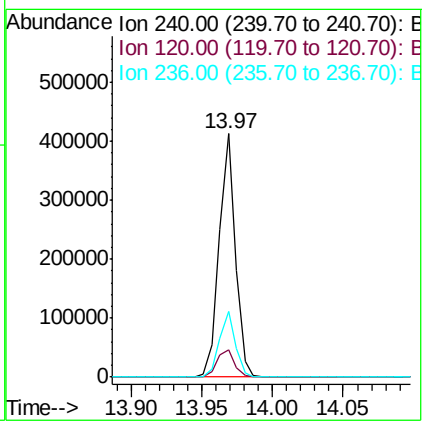
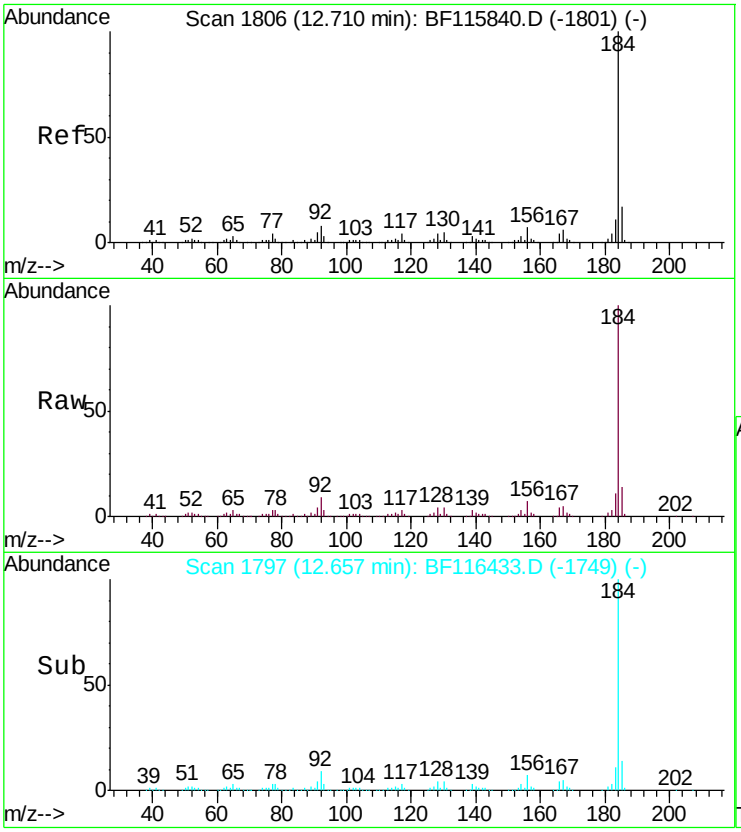


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:240 Resp: 331876

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.7	16.1
236	26.8	22.2	33.2

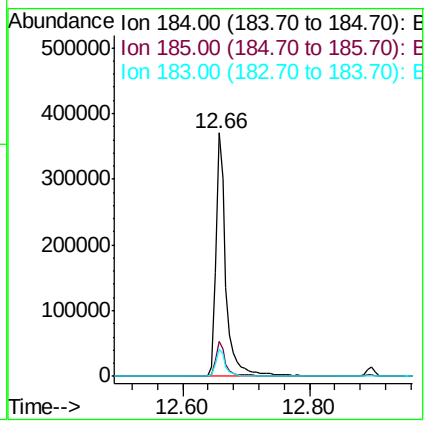




#77
Benzidine
Concen: 37.635 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:184 Resp: 421969

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.8	19.2
183	11.0	9.4	14.0



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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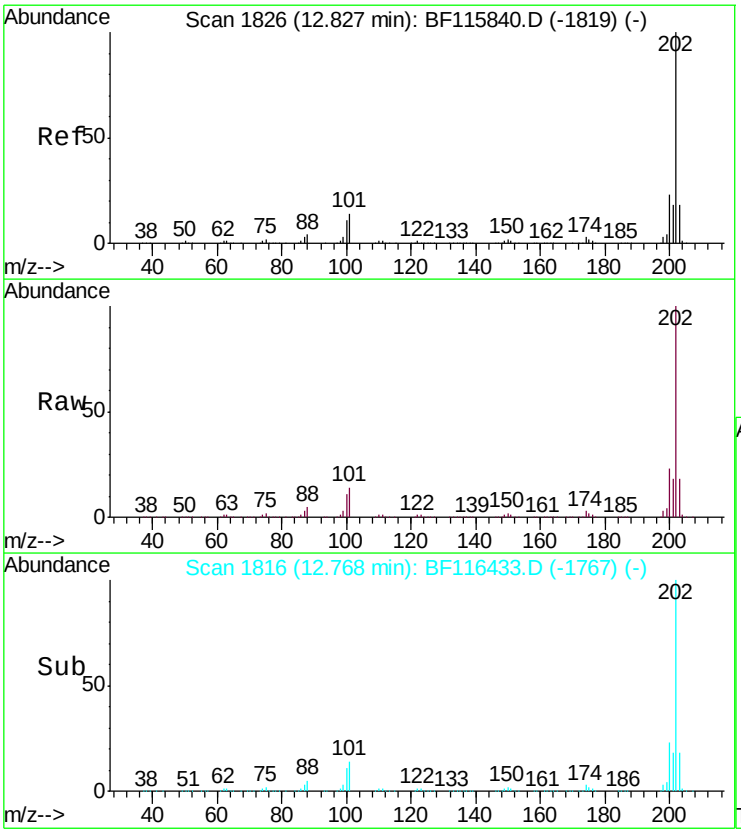
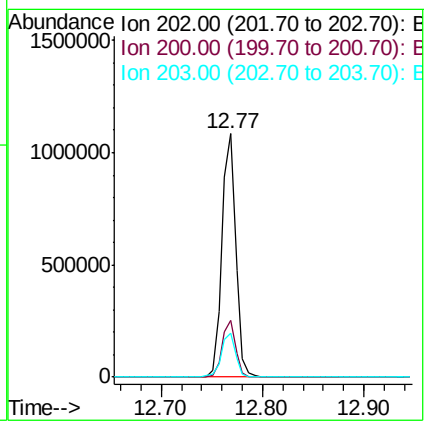
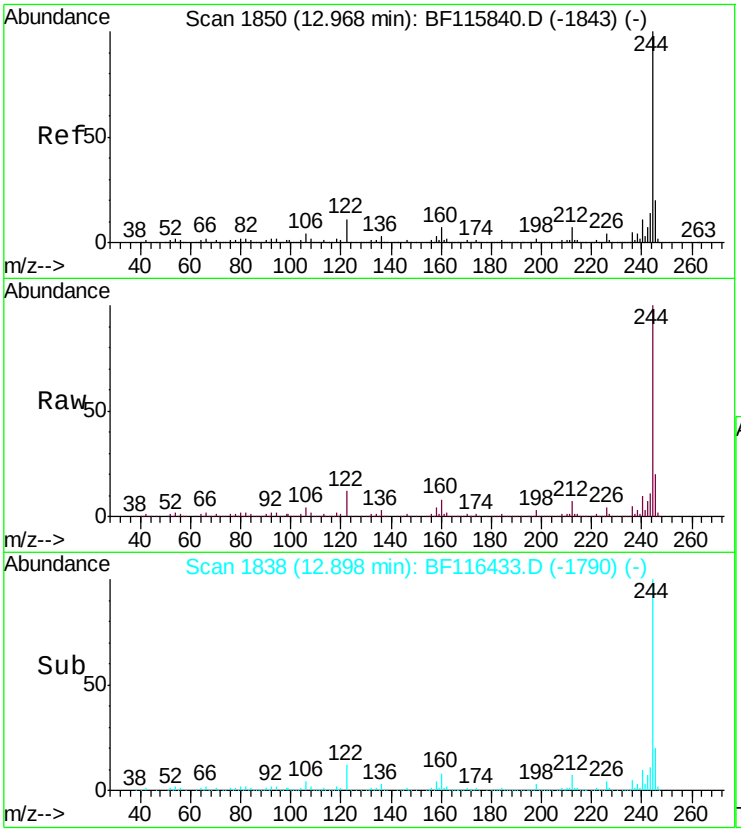


#78
Pyrene
Concen: 40.995 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:202 Resp: 1025581

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.0	27.0
203	18.2	14.1	21.1

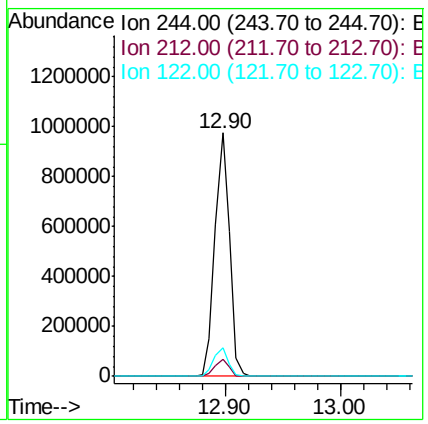




#79
Terphenyl-d14
Concen: 54.260 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:244 Resp: 854587

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.9	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
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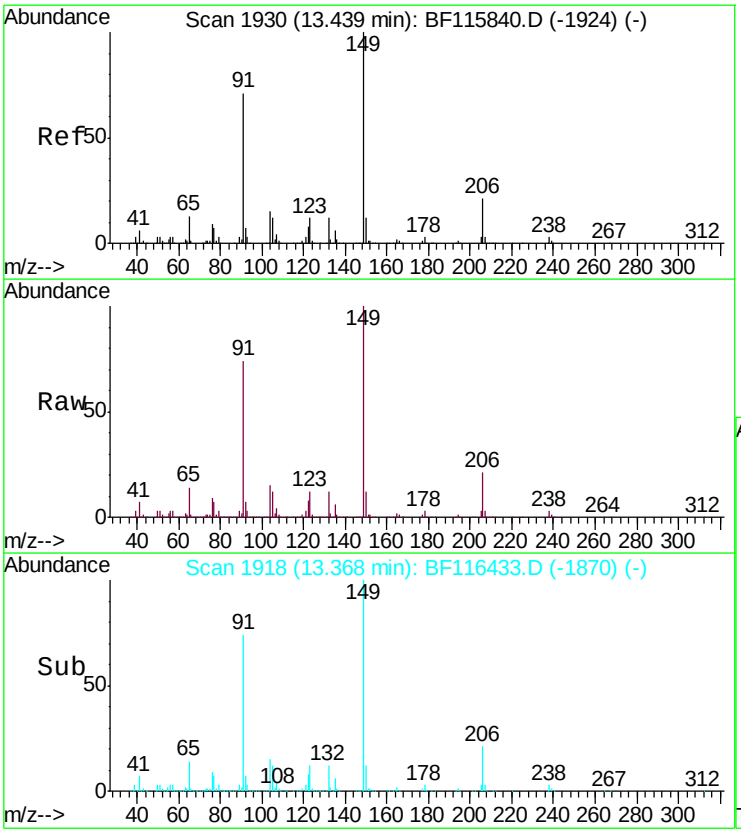
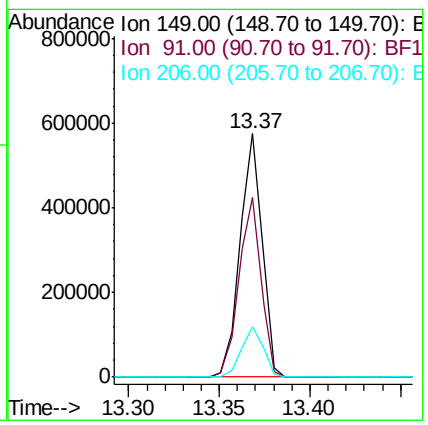
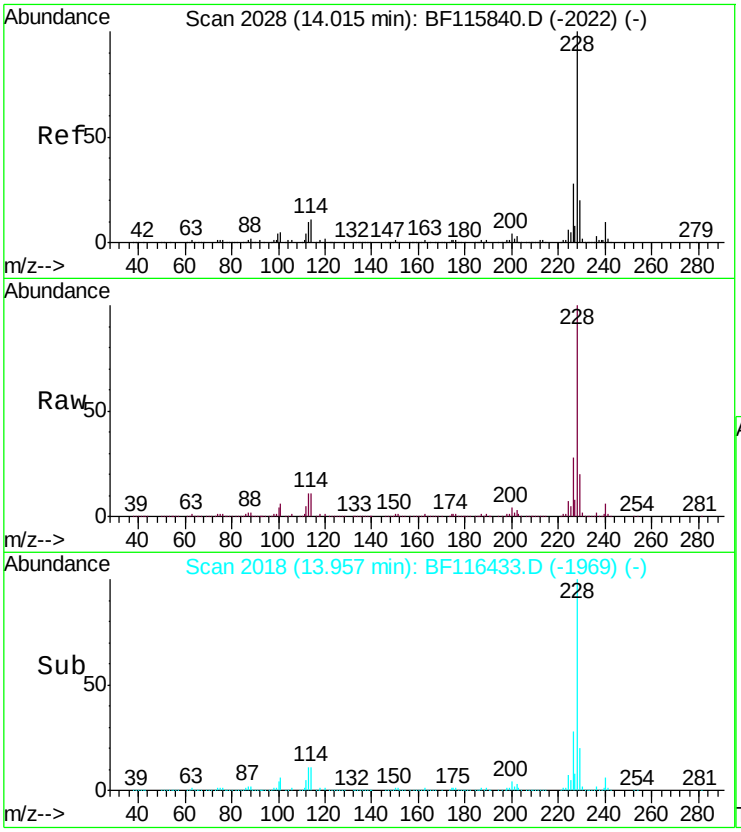


#80
Butylbenzylphthalate
Concen: 46.026 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:149 Resp: 487063

Ion	Ratio	Lower	Upper
149	100		
91	73.8	56.3	84.5
206	20.8	18.0	27.0

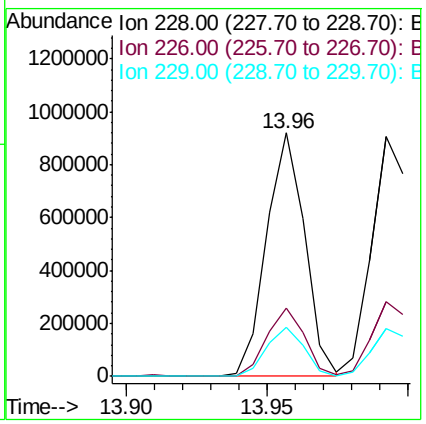




#81
Benzo(a)anthracene
Concen: 40.532 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:228 Resp: 859773

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.3	16.2	24.4



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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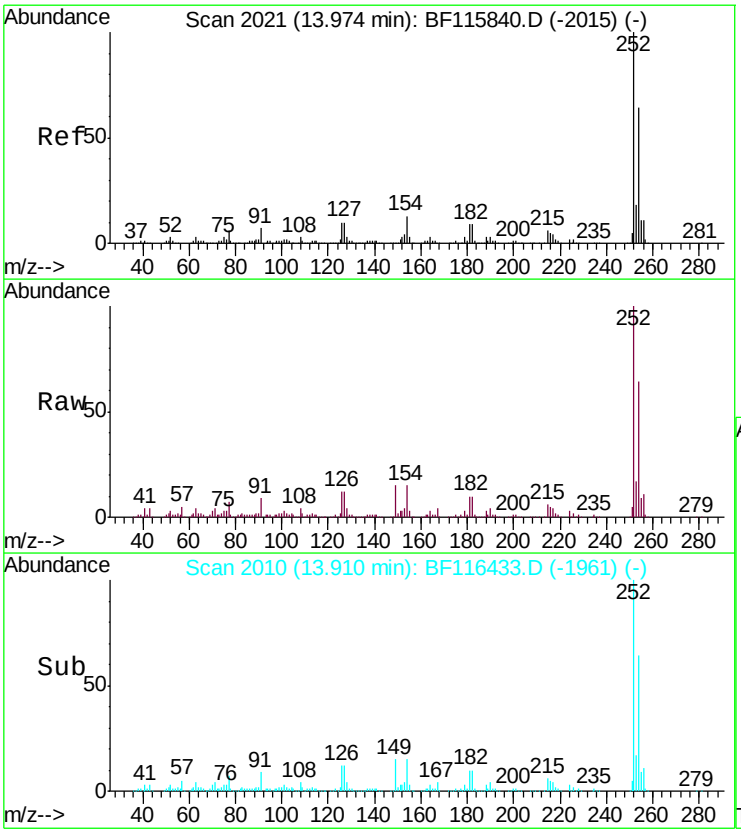
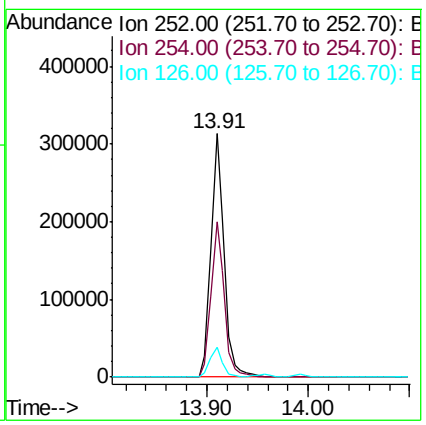
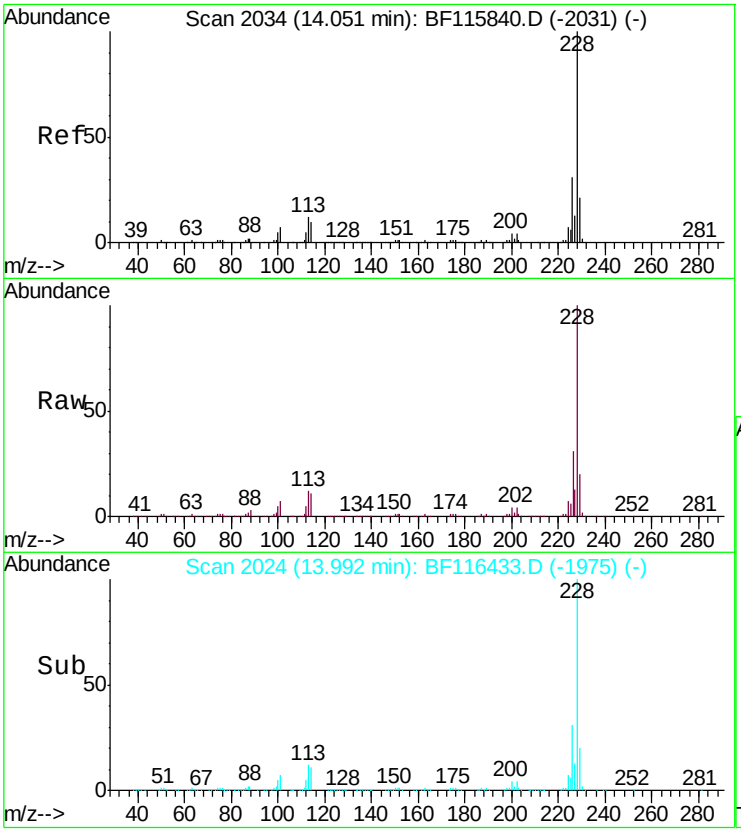


#82
3,3'-Dichlorobenzidine
Concen: 38.593 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:252 Resp: 284417

Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.9	76.3
126	12.5	9.8	14.8

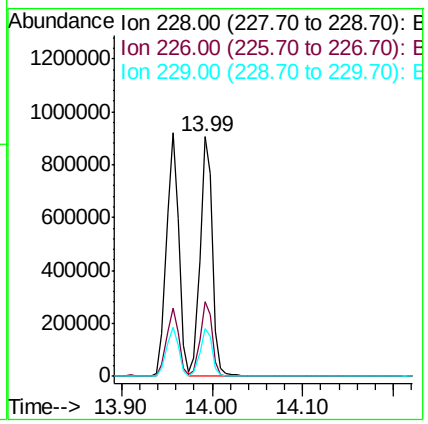




#83
Chrysene
Concen: 41.233 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:228 Resp: 849155

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.5	38.3
229	20.0	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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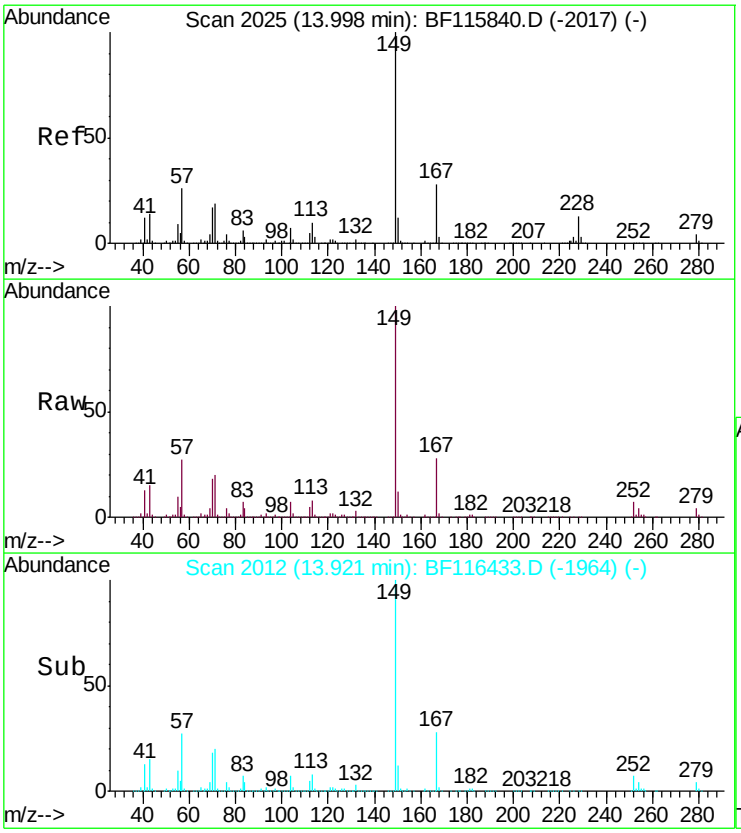
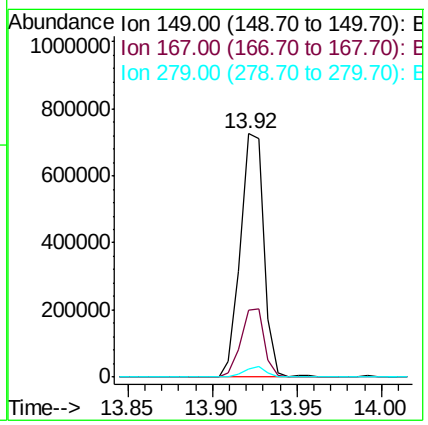
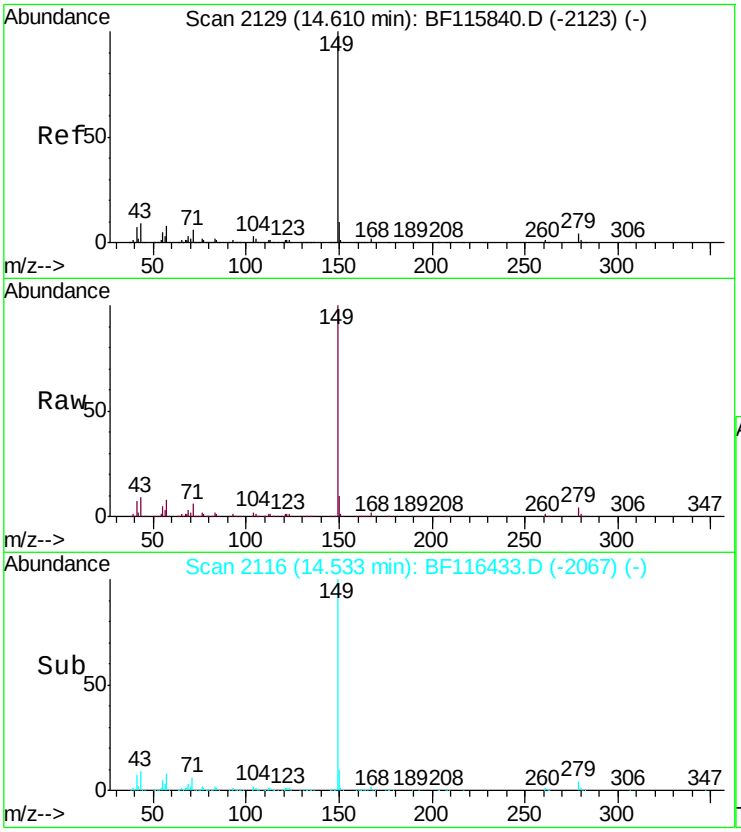


#84
Bis(2-ethylhexyl)phthalate
Concen: 51.338 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:149 Resp: 705994

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	3.5	3.0	4.4

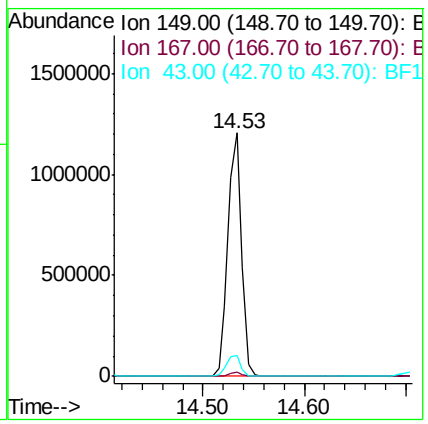




#85
Di-n-octyl phthalate
Concen: 51.913 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:149 Resp: 1133921

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.9	7.5	11.3



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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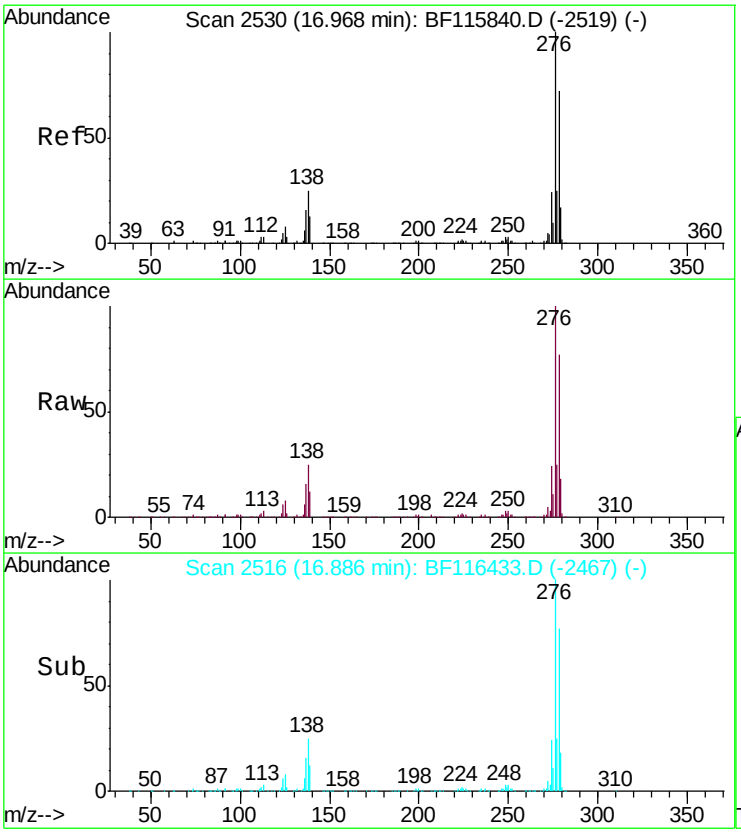
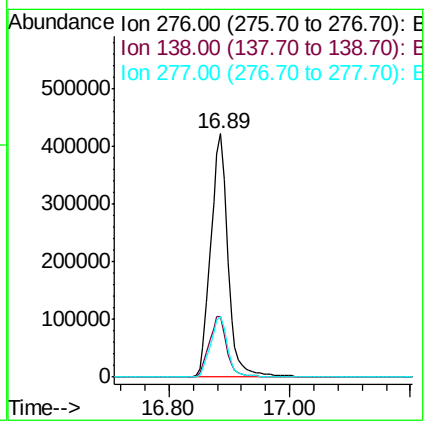
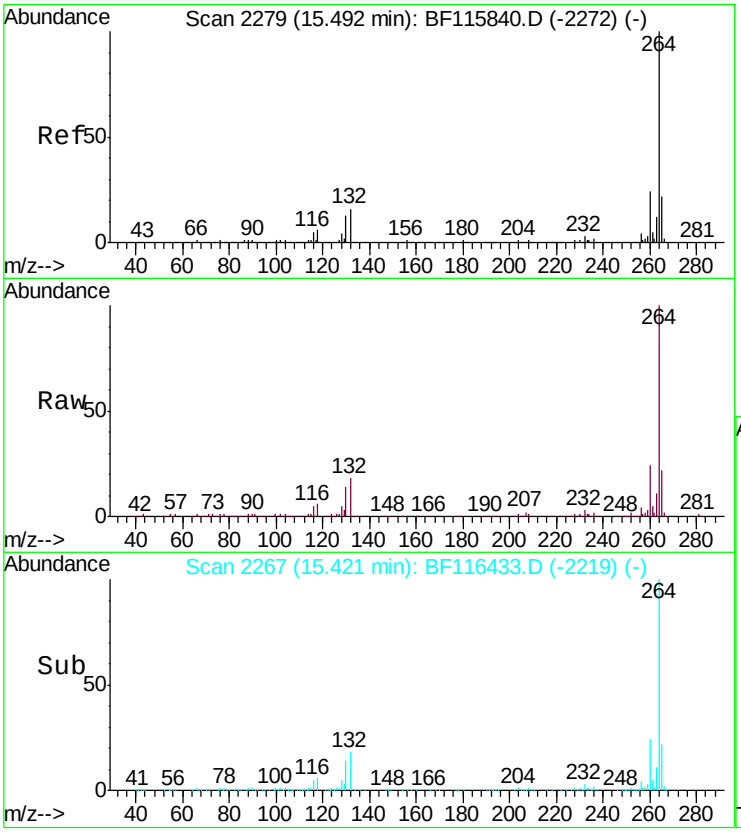


#86
Indeno(1,2,3-cd)pyrene
Concen: 48.315 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:276 Resp: 835683

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.4	30.6
277	25.0	20.0	30.0

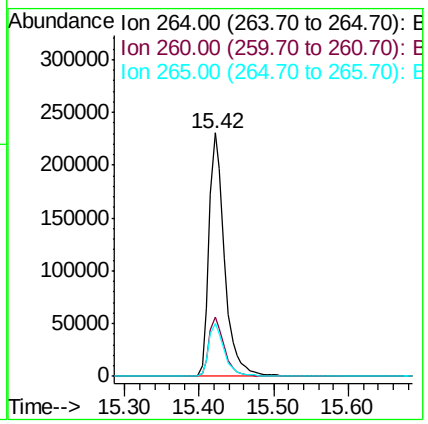




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:264 Resp: 332405

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.8	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

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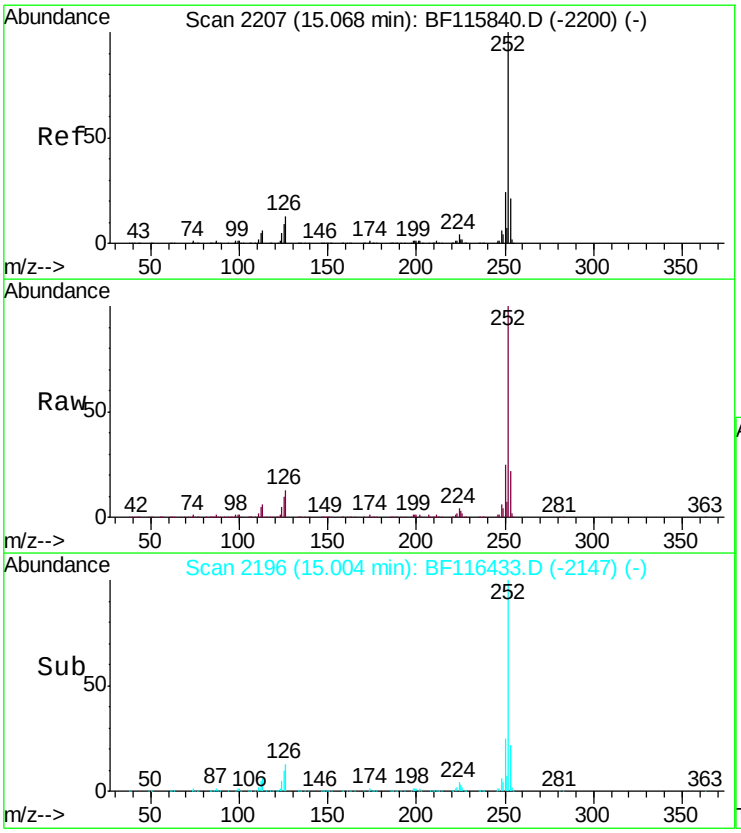
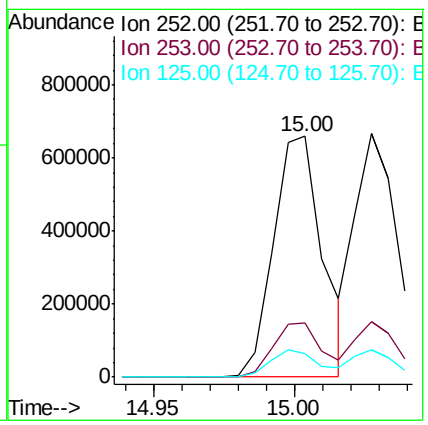
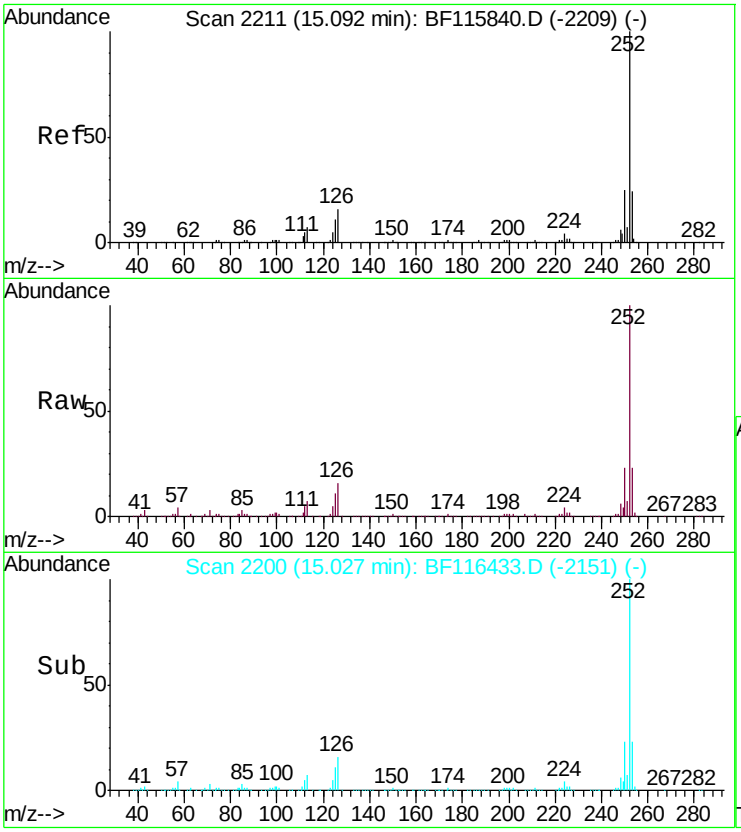


#88
Benzo(b)fluoranthene
Concen: 41.253 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:252 Resp: 792880

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.7	8.4	12.6

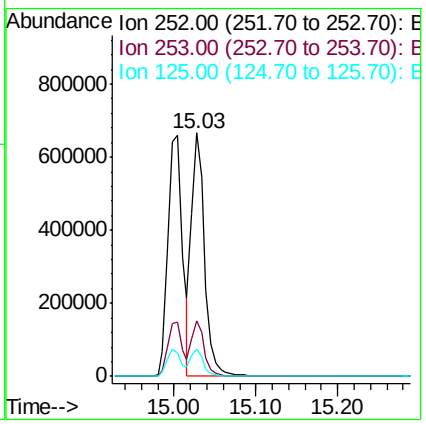




#89
Benzo(k)fluoranthene
Concen: 39.251 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

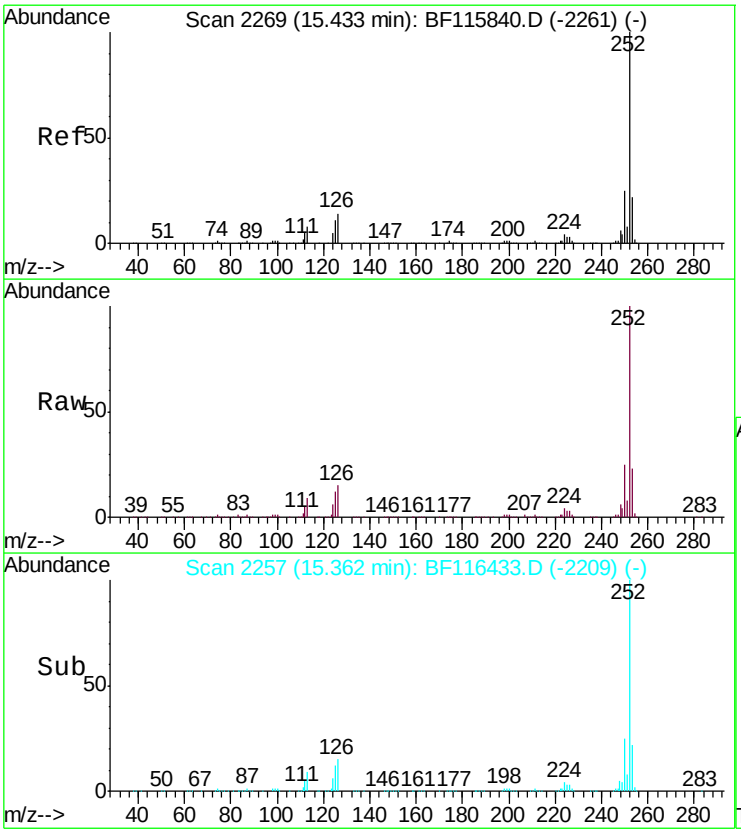
Tgt Ion:252 Resp: 734809

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	11.3	7.7	11.5



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

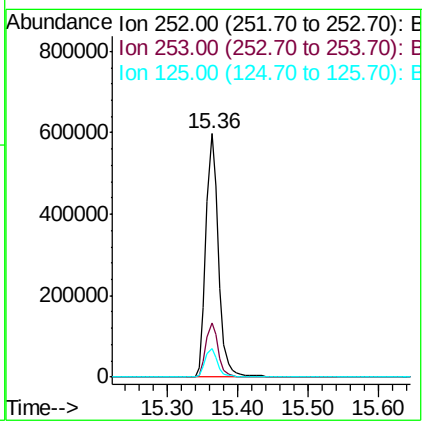
Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:14 PM

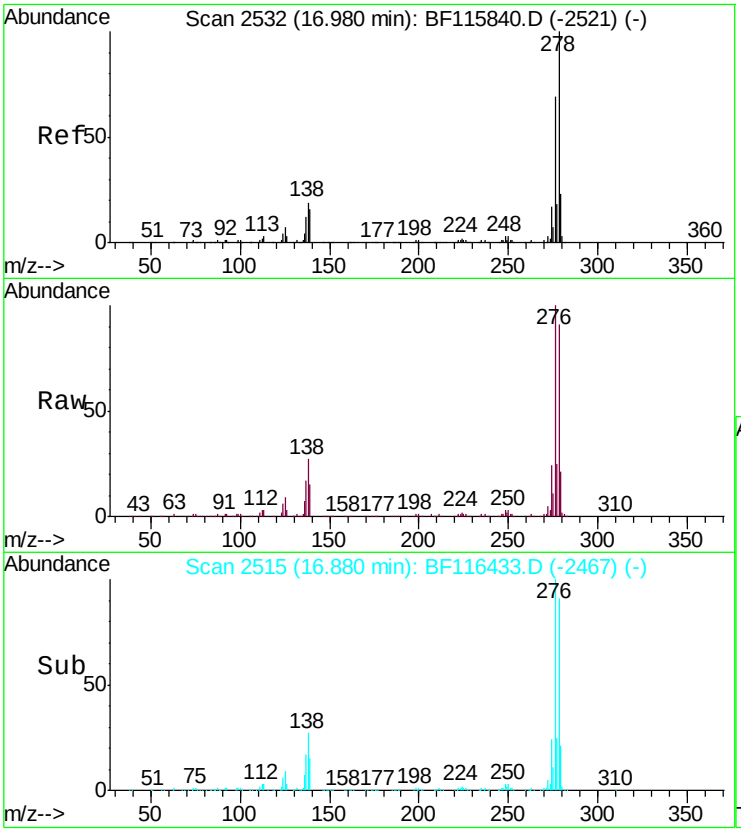


#90
Benzo(a)pyrene
Concen: 43.014 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:252 Resp: 739028

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.6	8.9	13.3

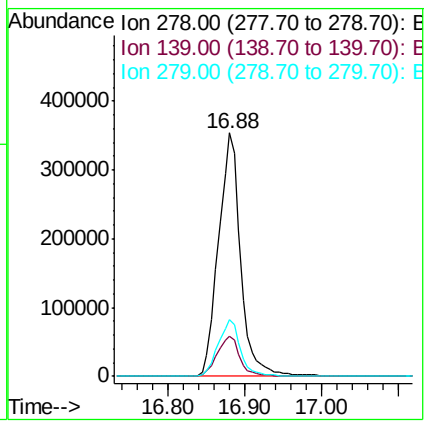




#91
Dibenzo(a,h)anthracene
Concen: 47.262 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

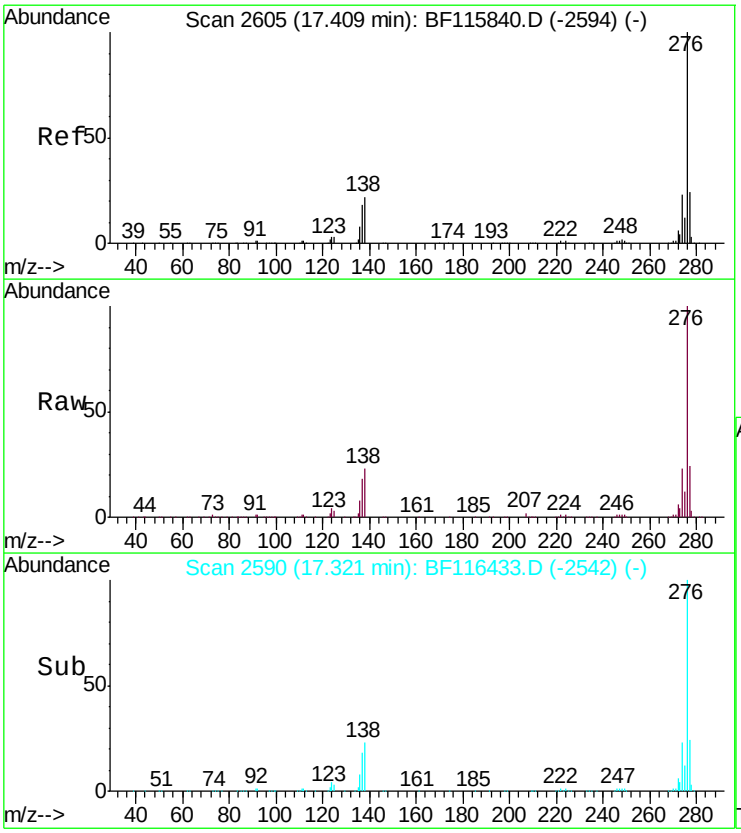
Tgt Ion:278 Resp: 702887

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	23.1	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
CP-MW2-N-12-16-SOILMSD

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:14 PM



#92
Benzo(g,h,i)perylene
Concen: 47.923 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.02 min
Lab File: BF116433.D
Acq: 20 Aug 2019 14:29

Tgt Ion:276 Resp: 699953

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	22.8	17.0	25.6