

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117163.D
 Acq On : 18 Sep 2019 23:33
 Operator : HP/JU
 Sample : K4927-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:15 AM

Quant Time: Sep 19 08:20:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68661	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	271864	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	112149	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	229095	20.00	ng	0.00
76) Chrysene-d12	13.97	240	155078	20.00	ng	0.00
87) Perylene-d12	15.41	264	157114	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	315223	71.68	ng	0.01
7) Phenol-d6	6.46	99	597719	105.17	ng	0.00
23) Nitrobenzene-d5	7.39	82	369062	71.33	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	126197	134.64	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	428737	59.77	ng	0.00
79) Terphenyl-d14	12.91	244	565190	68.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	37963	20.629	ng	96
3) Pyridine	3.35	79	103395	20.527	ng	96
4) n-Nitrosodimethylamine	3.29	42	44480	25.732	ng	82
6) Aniline	6.49	93	146142	19.971	ng	# 90
8) 2-Chlorophenol	6.61	128	214975	45.311	ng	98
9) Benzaldehyde	6.37	77	122611	44.156	ng	96
10) Phenol	6.47	94	279145	44.552	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	195662	42.489	ng	99
12) 1,3-Dichlorobenzene	6.76	146	220438	41.406	ng	99
13) 1,4-Dichlorobenzene	6.84	146	227814	41.931	ng	99
14) 1,2-Dichlorobenzene	6.99	146	211916	41.894	ng	98
15) Benzyl Alcohol	6.97	79	193576	44.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	186900	41.080	ng	92
17) 2-Methylphenol	7.08	107	175169	44.054	ng	93
18) Hexachloroethane	7.33	117	87733	41.975	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	152551	44.079	ng	94
20) 3+4-Methylphenols	7.23	107	224235	45.274	ng	93
22) Acetophenone	7.23	105	309859	44.860	ng	97
24) Nitrobenzene	7.40	77	233466	45.691	ng	97
25) Isophorone	7.65	82	421861	46.048	ng	99
26) 2-Nitrophenol	7.72	139	108835	49.588	ng	99
27) 2,4-Dimethylphenol	7.76	122	185696	53.353	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	250785	44.431	ng	99
29) 2,4-Dichlorophenol	7.96	162	172054	47.178	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	171628	43.560	ng	99
31) Naphthalene	8.12	128	605339	46.298	ng	99
32) Benzoic acid	7.89	122	82376	33.633	ng	93
33) 4-Chloroaniline	8.17	127	49376	8.514	ng	98
34) Hexachlorobutadiene	8.24	225	97366	43.557	ng	96
35) Caprolactam	8.54	113	60181m	48.753	ng	
36) 4-Chloro-3-methylphenol	8.66	107	192796	45.338	ng	96
37) 2-Methylnaphthalene	8.81	142	292649	33.238	ng	99
38) 1-Methylnaphthalene	8.91	142	271267	32.896	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	115645	39.933	ng	98

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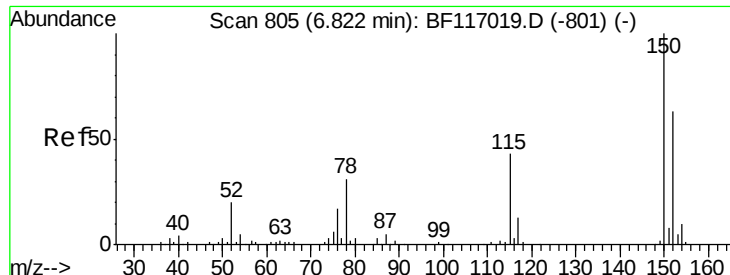
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	92403	72.951	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	70588	35.917	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	80185	38.188	nq	98
46) 1,1'-Biphenyl	9.27	154	316346	35.961	nq	98
47) 2-Chloronaphthalene	9.30	162	256280	36.914	nq	98
48) 2-Nitroaniline	9.40	65	73886	33.179	nq	99
49) Acenaphthylene	9.72	152	439610	42.268	nq	99
50) Dimethylphthalate	9.57	163	328279	41.341	nq	99
51) 2,6-Dinitrotoluene	9.64	165	68384	42.284	nq	97
52) Acenaphthene	9.89	154	264580	42.915	nq	99
53) 3-Nitroaniline	9.81	138	38966	19.096	nq	95
54) 2,4-Dinitrophenol	9.92	184	46553	68.192	nq	95
55) Dibenzofuran	10.06	168	426066	46.839	nq	96
56) 4-Nitrophenol	9.98	139	94541	71.488	nq	94
57) 2,4-Dinitrotoluene	10.05	165	103517	49.310	nq	97
58) Fluorene	10.40	166	385311	52.584	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	76916	47.868	nq	# 99
60) Diethylphthalate	10.27	149	399762	51.171	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	165075	52.069	nq	94
62) 4-Nitroaniline	10.42	138	105712	49.816	nq	95
63) Azobenzene	10.55	77	460902	57.765	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	48276	46.500	nq	99
66) n-Nitrosodiphenylamine	10.51	169	369866	46.747	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	106912	45.696	nq	95
68) Hexachlorobenzene	10.95	284	112104	43.808	nq	96
69) Atrazine	11.03	200	102833	55.687	nq	100
70) Pentachlorophenol	11.14	266	101953	84.996	nq	97
71) Phenanthrene	11.36	178	593760	45.630	nq	99
72) Anthracene	11.41	178	627542	47.238	nq	98
73) Carbazole	11.56	167	585437	46.427	nq	99
74) Di-n-butylphthalate	11.89	149	691807	46.111	nq	99
75) Fluoranthene	12.54	202	605291	45.271	nq	98
77) Benzidine	12.66	184	195368	39.109	nq	99
78) Pyrene	12.77	202	619053	47.575	nq	99
80) Butylbenzylphthalate	13.38	149	290103	47.183	nq	100
81) Benzo(a)anthracene	13.96	228	465134	44.893	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	74274	22.246	nq	97
83) Chrysene	13.99	228	466000	46.115	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	384187	48.462	nq	99
85) Di-n-octyl phthalate	14.54	149	616549	49.413	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	435328	59.048	nq	99
88) Benzo(b)fluoranthene	14.99	252	421338	44.272	nq	100
89) Benzo(k)fluoranthene	15.02	252	373908	41.475	nq	99
90) Benzo(a)pyrene	15.35	252	386136	46.237	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	365510	54.940	nq	99
92) Benzo(g,h,i)perylene	17.28	276	366787	55.326	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

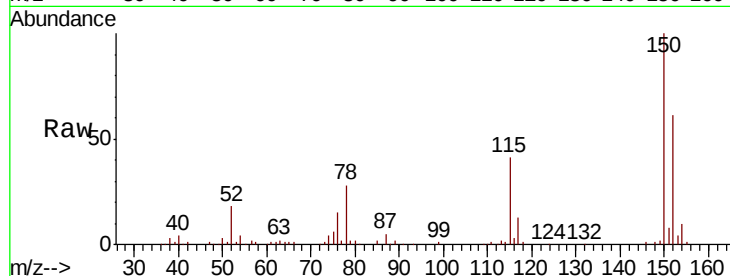
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	152	Resp:	68661
Ion Ratio	Lower	Upper	
152	100		
150	164.0	127.5	191.3
115	66.8	55.0	82.4

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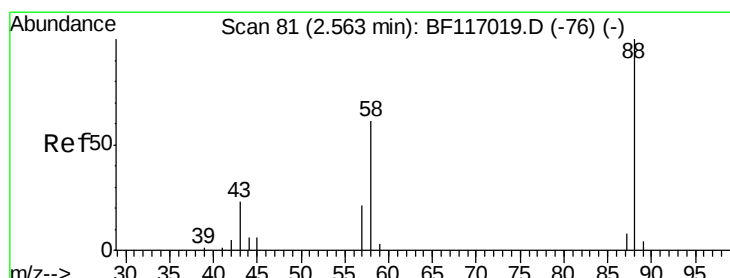
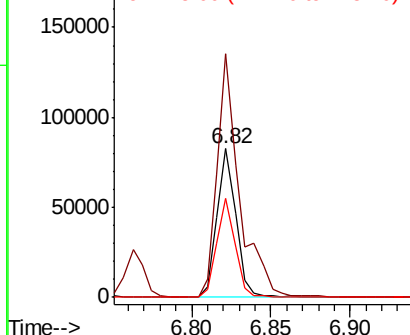
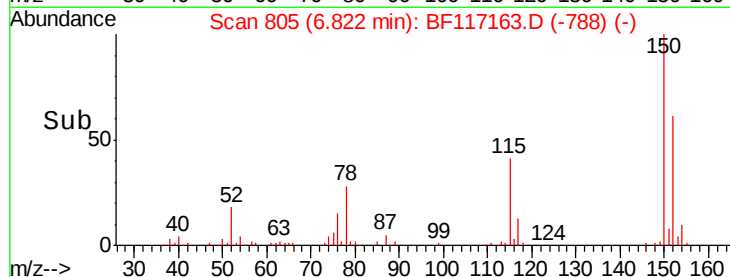


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.629 ng

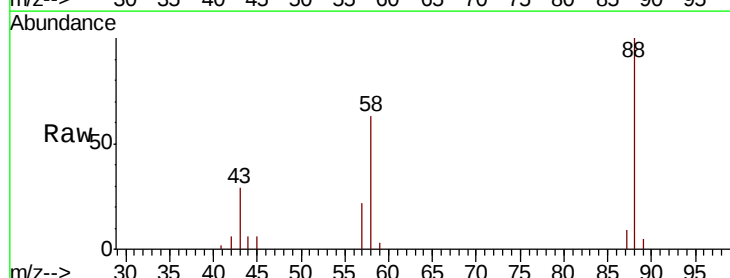
RT: 2.59 min Scan# 86

Delta R.T. 0.03 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	88	Resp:	37963
Ion Ratio	Lower	Upper	
88	100		
58	59.7	49.3	73.9
43	28.1	18.8	28.2

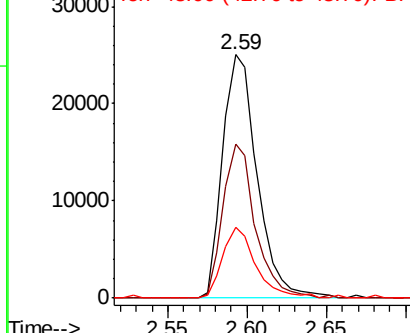
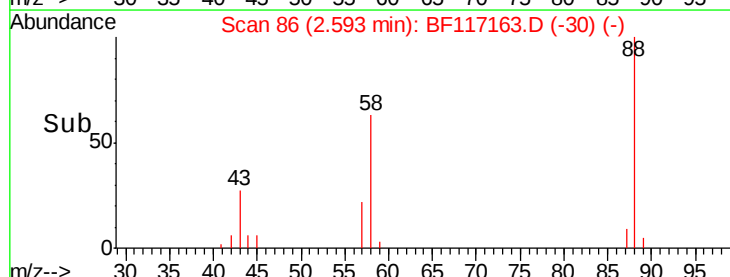


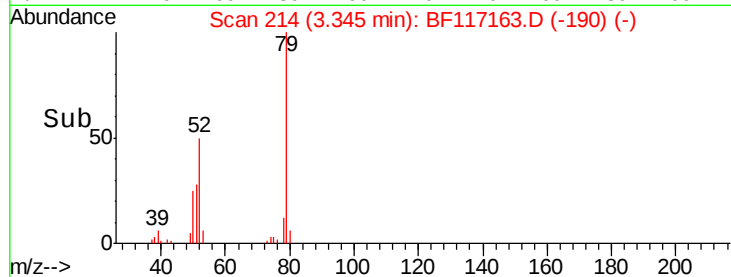
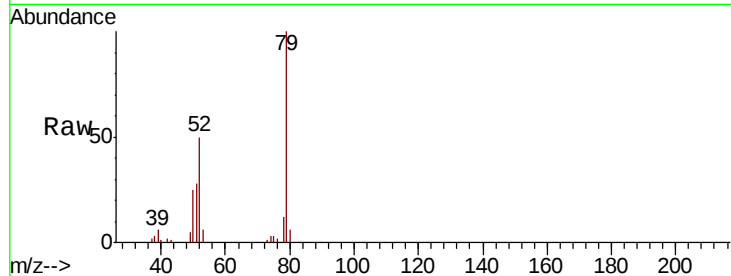
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





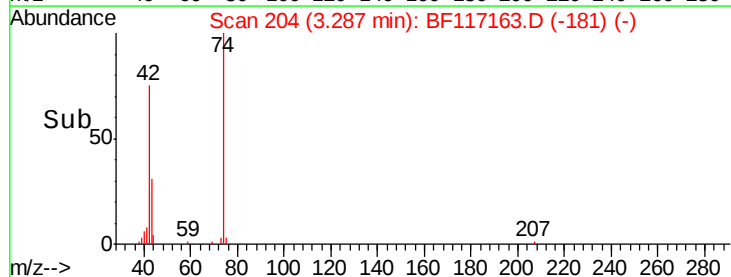
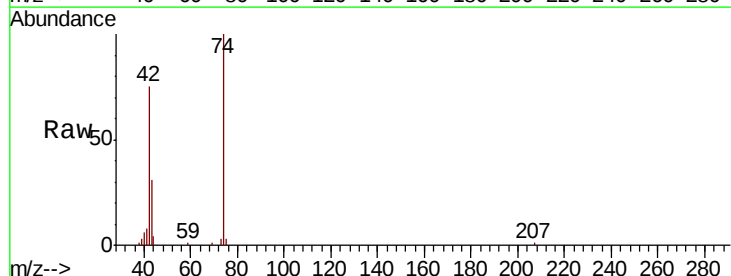
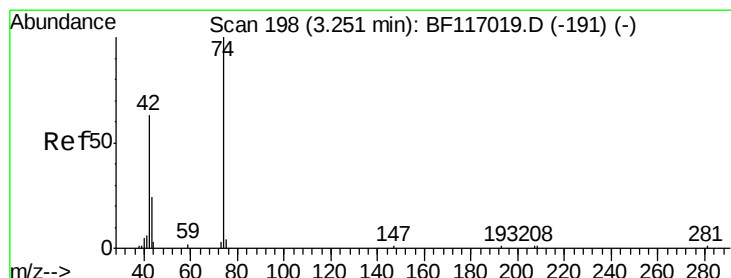
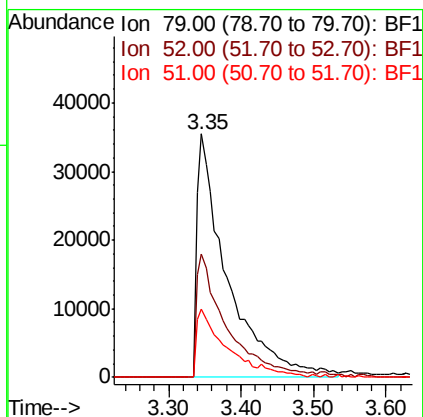
#3
 Pvridine
 Concen: 20.527 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.04 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tot Ion:	79	Resp:	103395
Ion Ratio	Lower	Upper	
79	100		
52	50.4	43.5	65.3
51	28.3	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

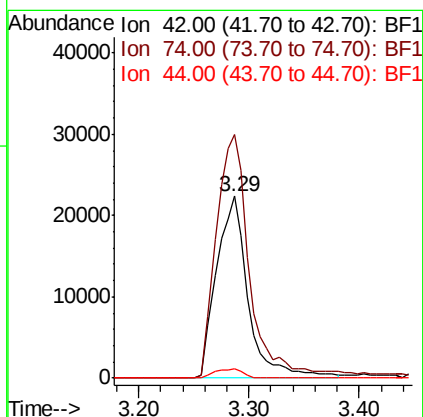
Manual Integrations
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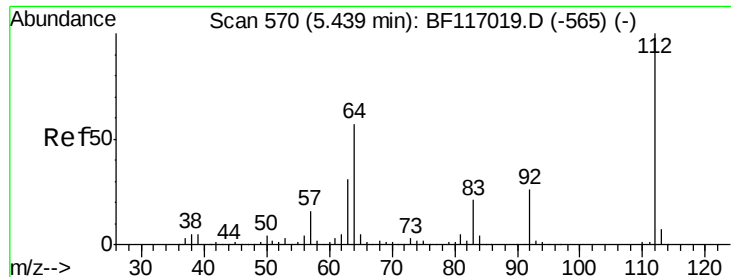
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#4
 n-Nitrosodimethylamine
 Concen: 25.732 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.04 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion:	42	Resp:	44480
Ion Ratio	Lower	Upper	
42	100		
74	133.9	127.1	190.7
44	5.4	4.3	6.5





#5

2-Fluorophenol

Concen: 71.677 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

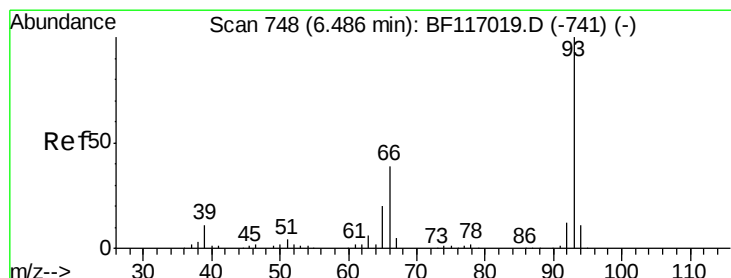
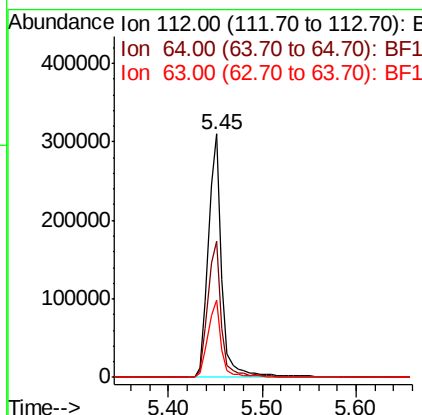
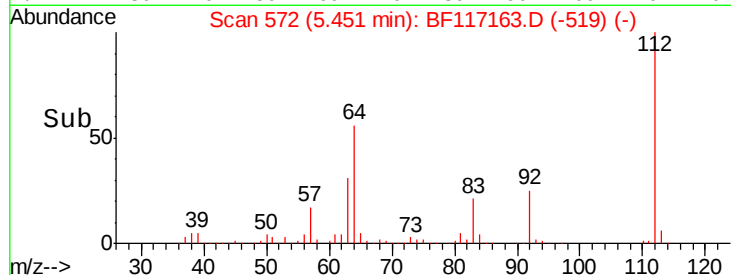
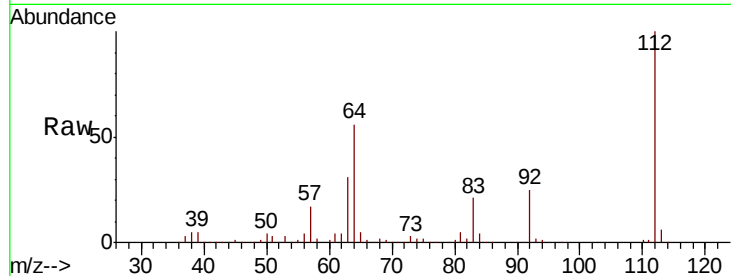
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	112	Resp:	315223
Ion Ratio	Lower	Upper	
112	100		
64	55.9	45.7	68.5
63	31.5	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 19.971 ng

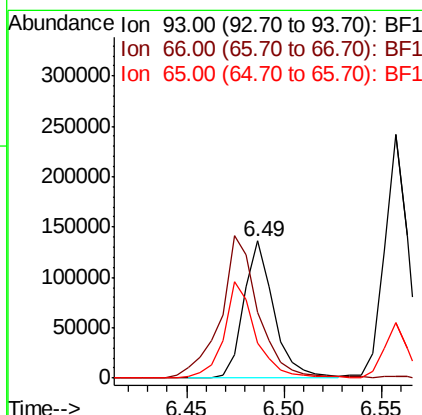
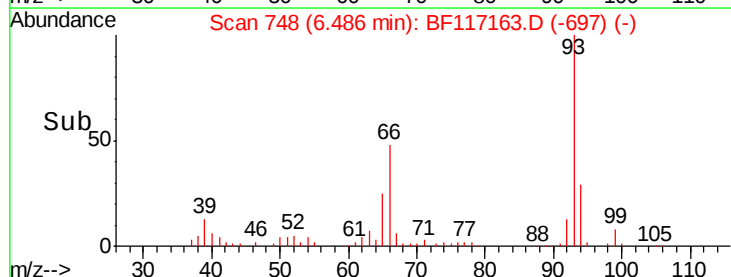
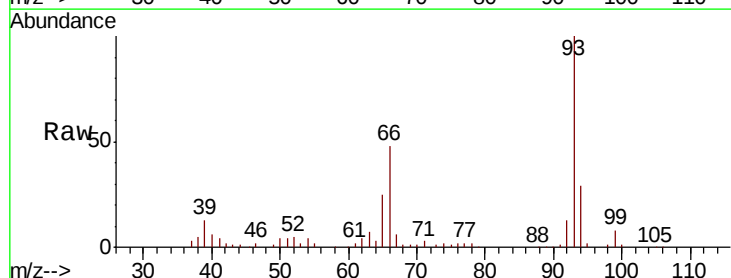
RT: 6.49 min Scan# 748

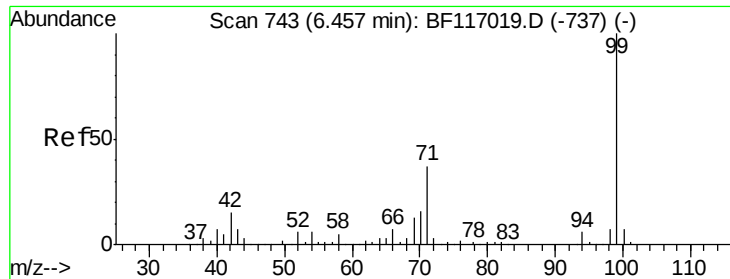
Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	93	Resp:	146142
Ion Ratio	Lower	Upper	
93	100		
66	47.5	32.6	49.0
65	25.4	16.7	25.1#





#7

Phenol-d6

Concen: 105.166 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

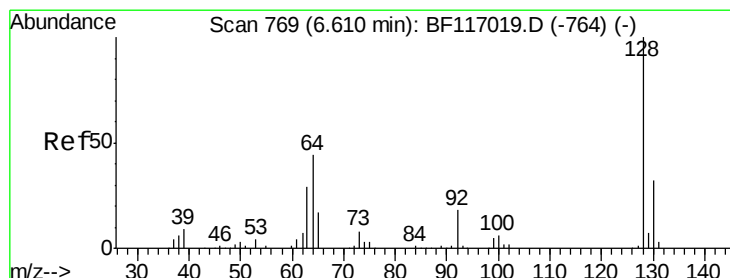
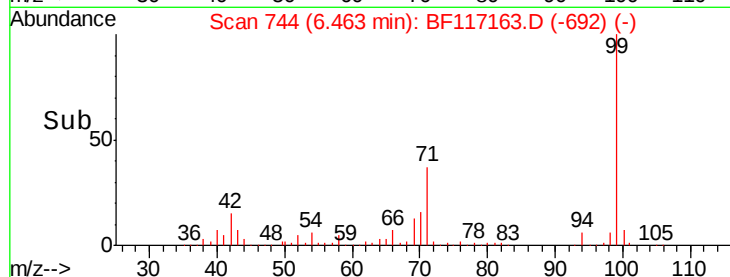
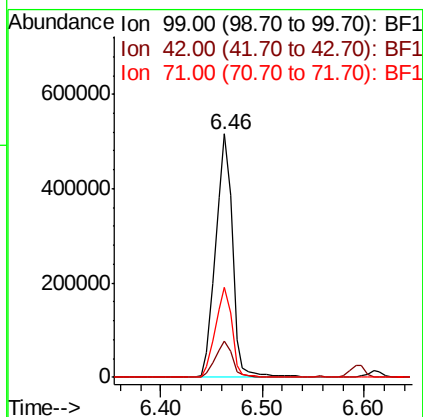
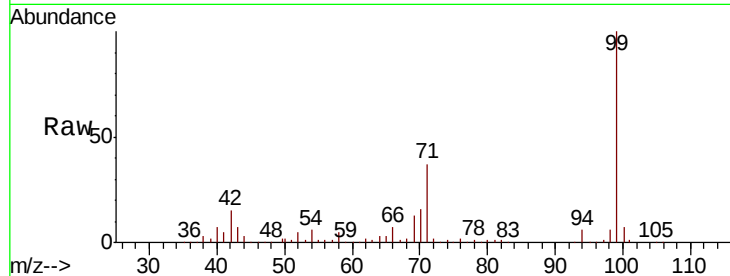
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	99	Resp:	597719
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.2	18.2
71	36.9	29.8	44.8

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#8

2-Chlorophenol

Concen: 45.311 ng

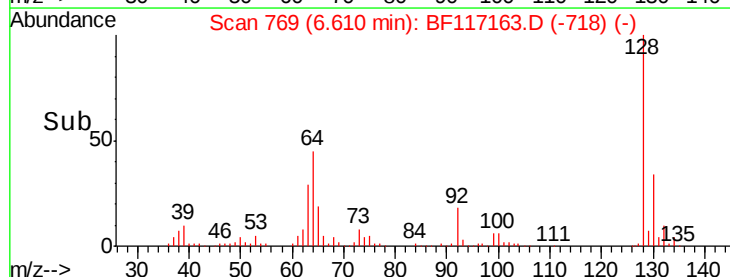
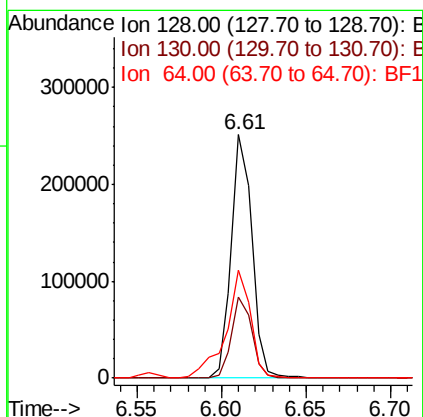
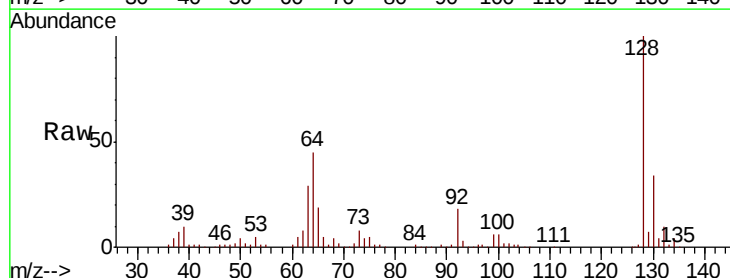
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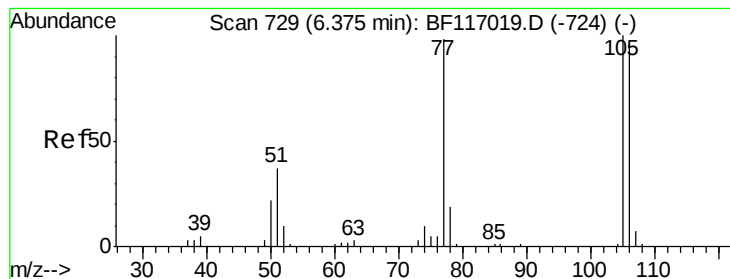
Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	128	Resp:	214975
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.8	51.8
64	44.6	25.0	65.0





#9

Benzaldehyde

Concen: 44.156 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

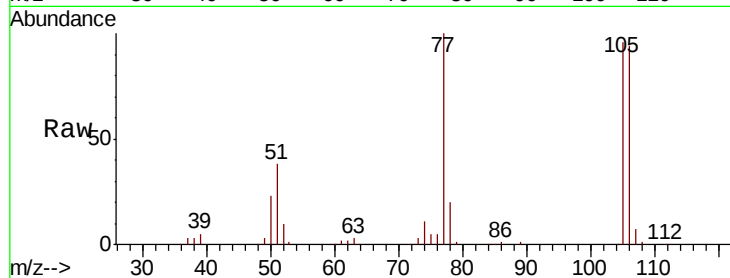
ClientSampleId :

SOIL-COMP-1MS

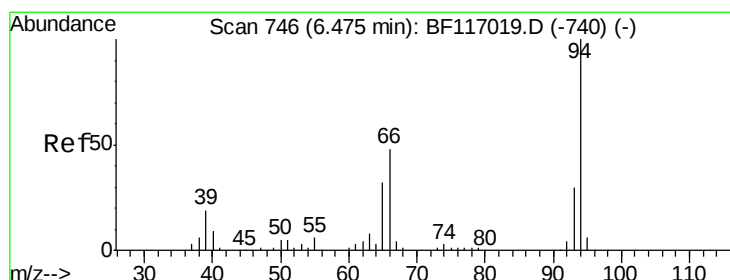
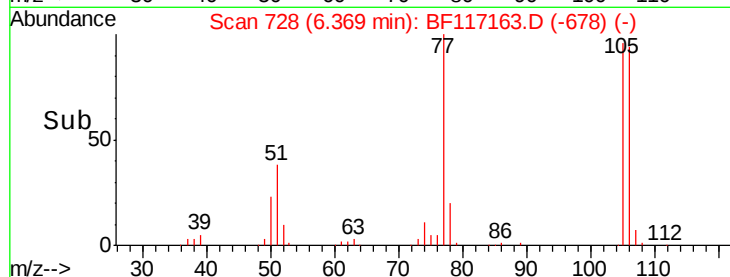
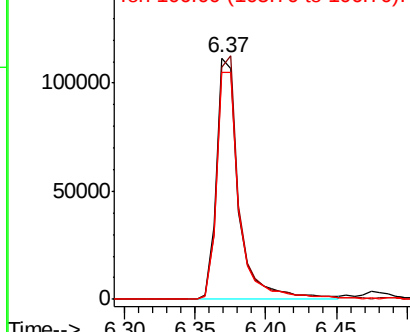
Tot Ion:	77	Resp:	122611
Ion Ratio	Lower	Upper	
77	100		
105	96.2	81.8	121.8
106	94.0	77.3	117.3

Manual Integrations
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9/19/2019 10:42:15 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.552 ng

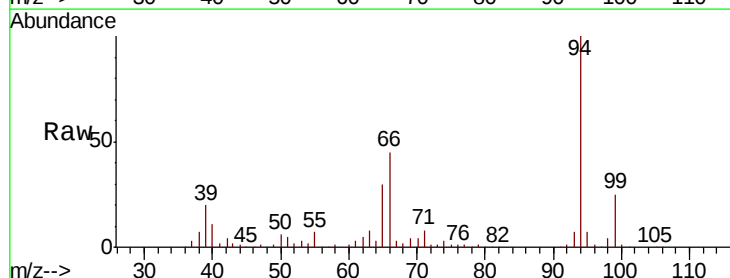
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

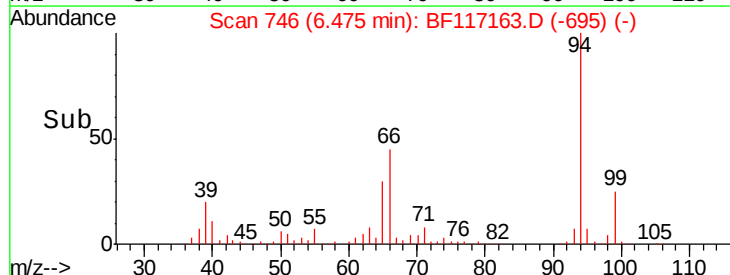
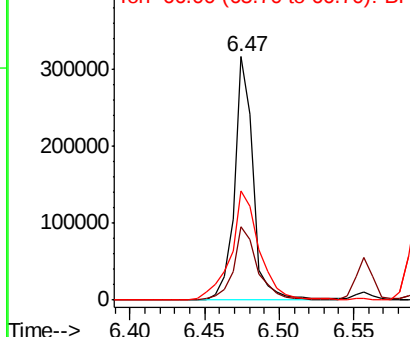
Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	94	Resp:	279145
Ion Ratio	Lower	Upper	
94	100		
65	30.3	12.5	52.5
66	44.6	28.9	68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





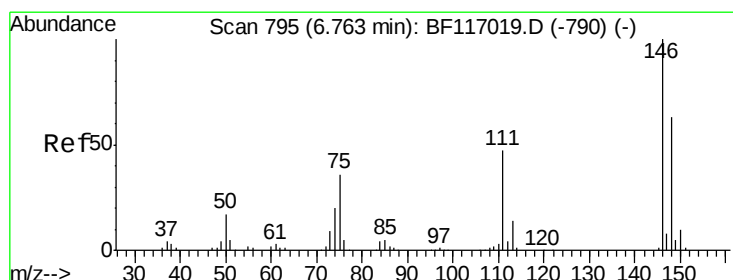
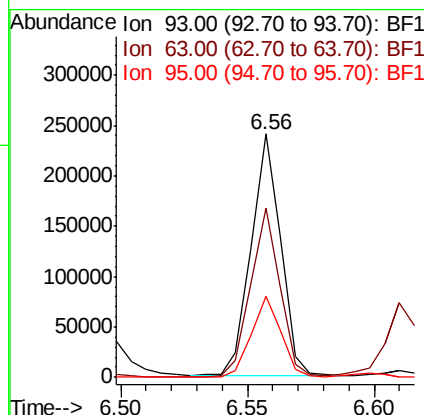
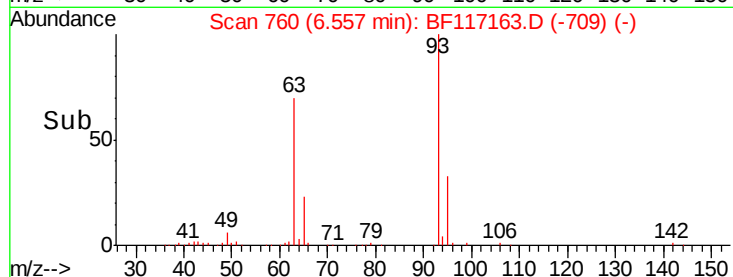
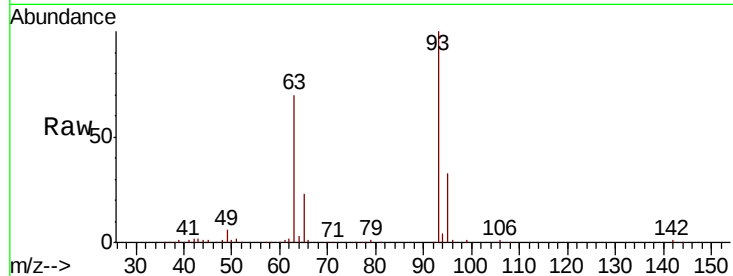
#11
bis(2-Chloroethyl)ether
Concen: 42.489 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion:	93	Resp:	195662
Ion Ratio	Lower	Upper	
93	100		
63	69.6	49.3	89.3
95	33.2	11.5	51.5

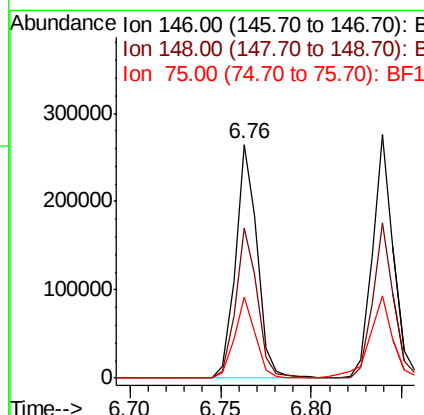
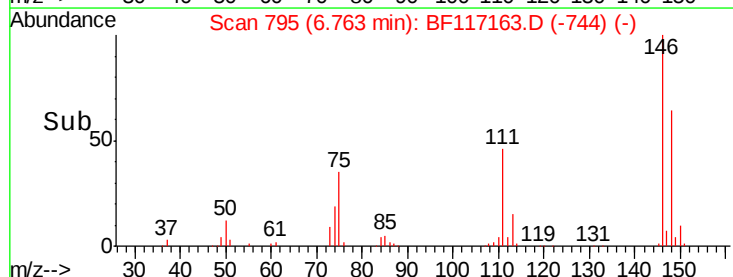
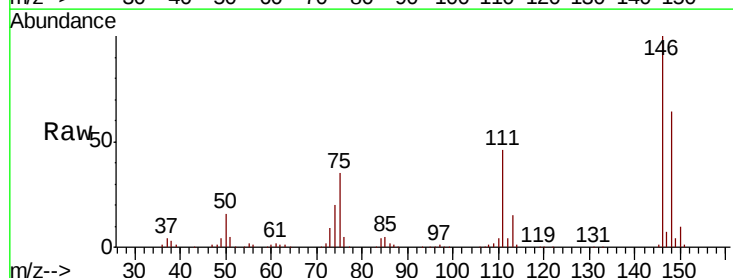
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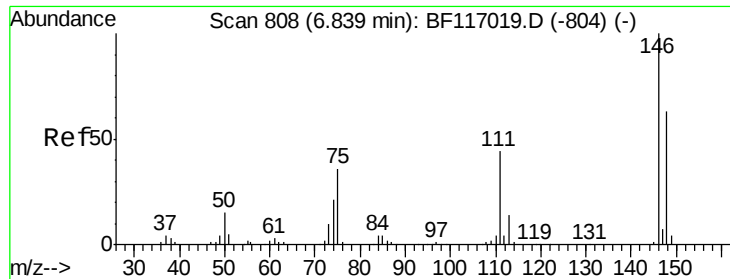
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#12
1,3-Dichlorobenzene
Concen: 41.406 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion:	146	Resp:	220438
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
75	34.9	28.7	43.1





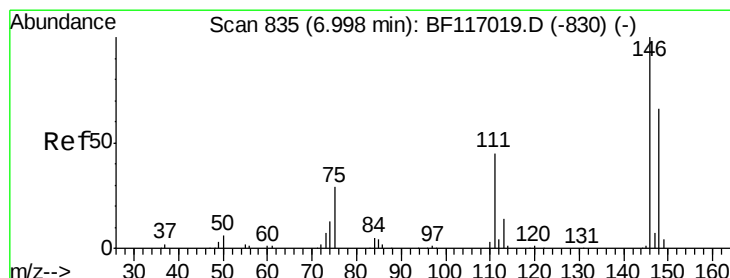
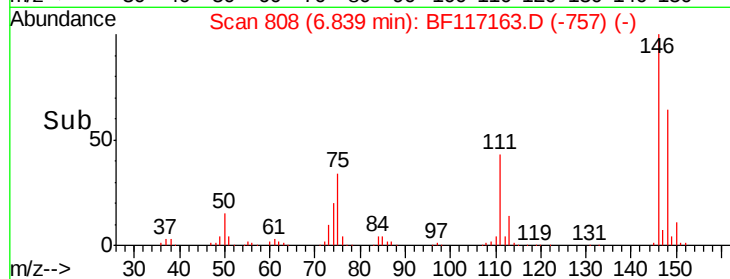
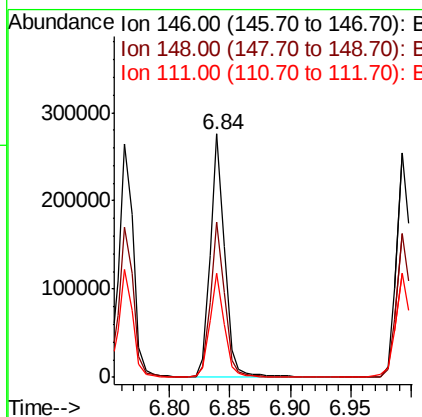
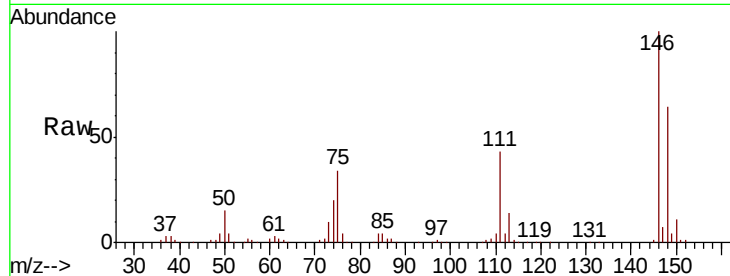
#13
1,4-Dichlorobenzene
Concen: 41.931 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	42.5	35.0	52.6

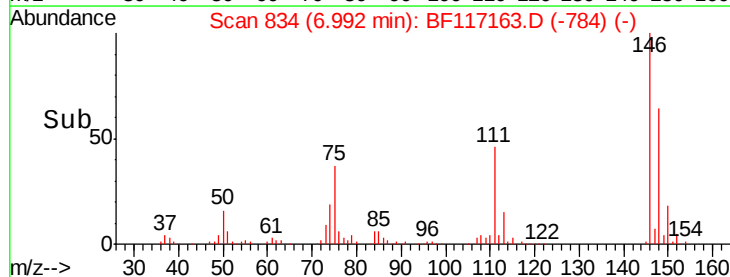
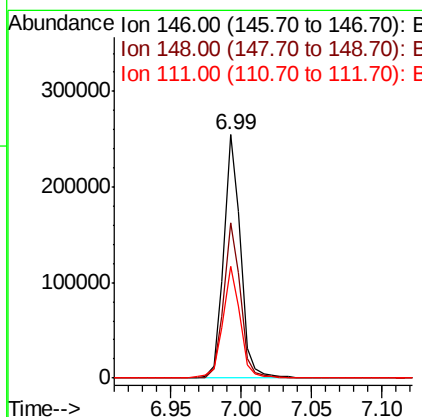
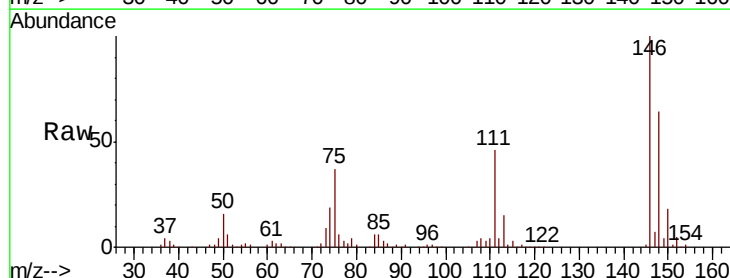
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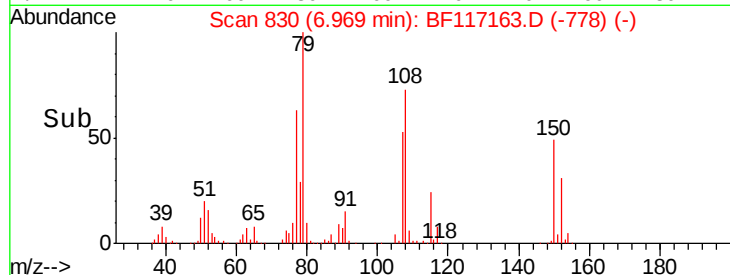
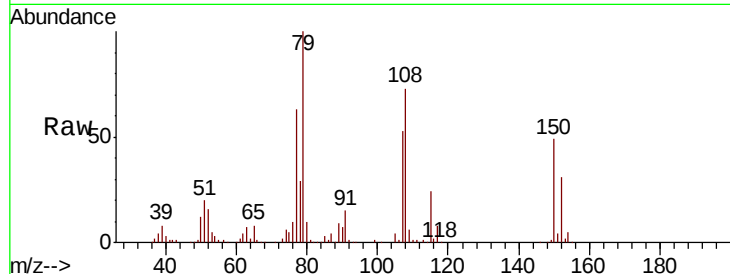
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#14
1,2-Dichlorobenzene
Concen: 41.894 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
111	46.2	36.2	54.2





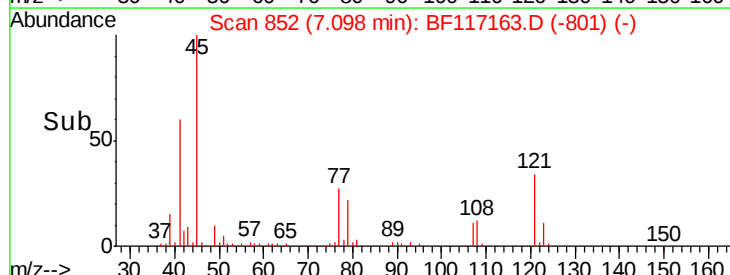
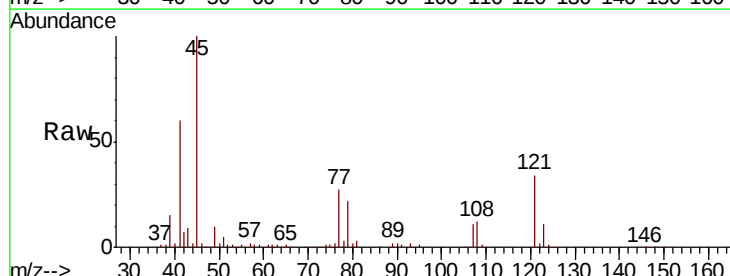
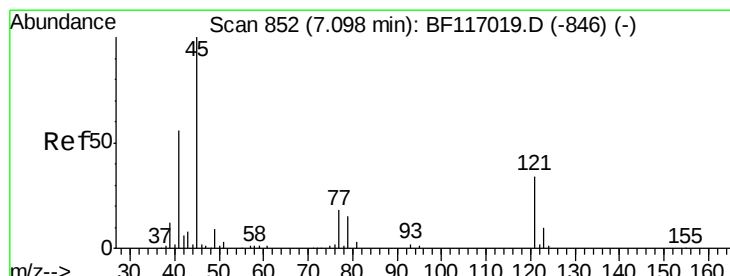
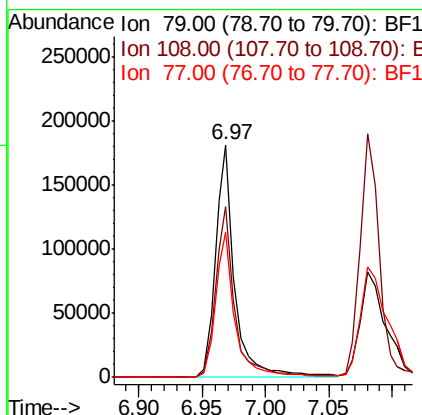
#15
Benzyl Alcohol
Concen: 44.414 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tot Ion	Ratio	Resp	Lower	Upper
79	100	193576		
108	73.4	59.4	89.0	
77	62.5	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

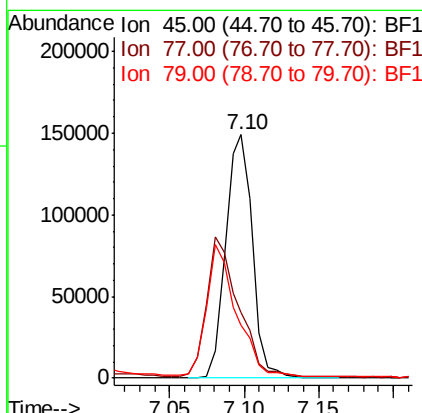
Manual Integrations
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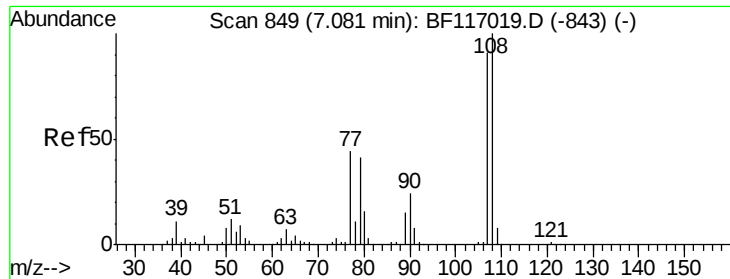
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.080 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	186900		
77	26.9	2.7	42.7	
79	21.9	0.0	38.9	





#17

2-Methylphenol

Concen: 44.054 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

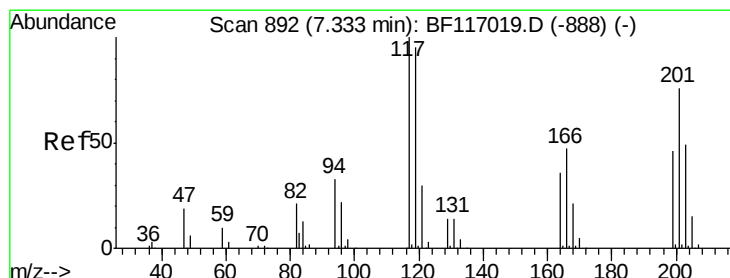
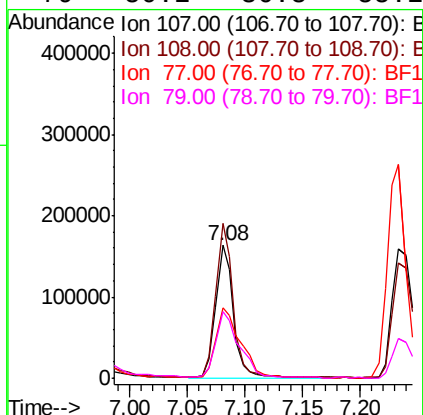
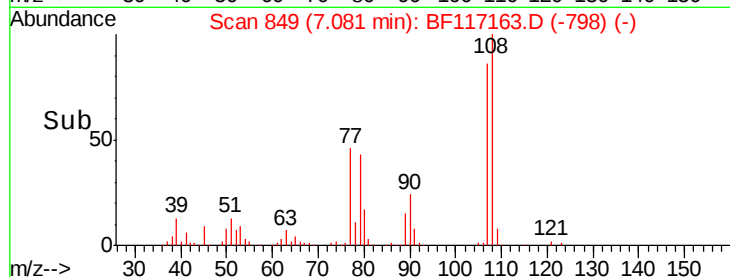
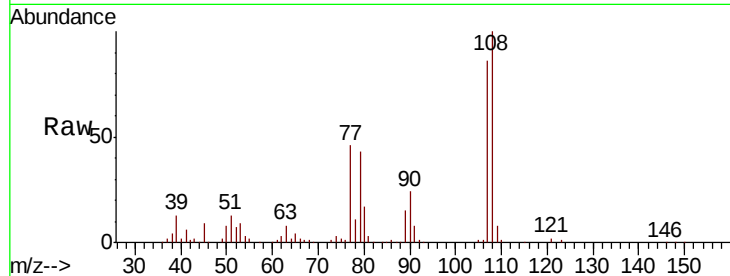
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	107	Resp:	175169
Ion Ratio	Lower	Upper	
107	100		
108	116.5	87.7	131.5
77	53.1	38.6	58.0
79	50.2	36.8	55.2

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#18

Hexachloroethane

Concen: 41.975 ng

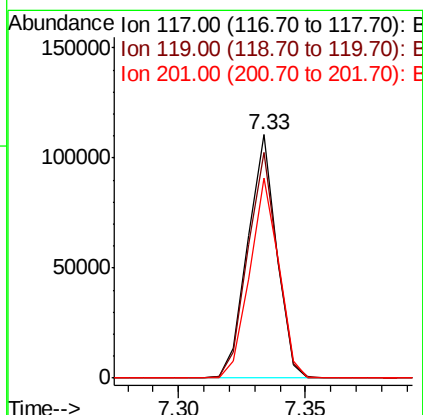
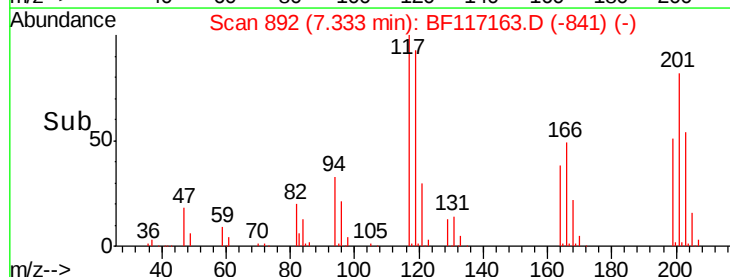
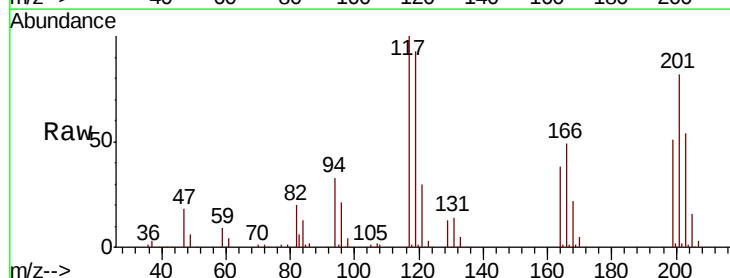
RT: 7.33 min Scan# 892

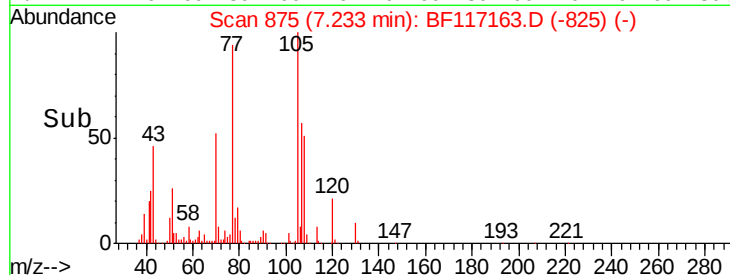
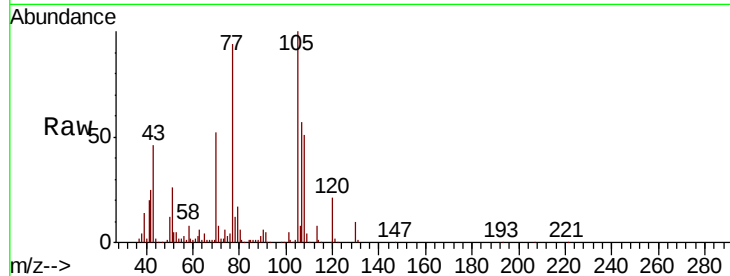
Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	117	Resp:	87733
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.8	113.8
201	82.1	60.9	91.3





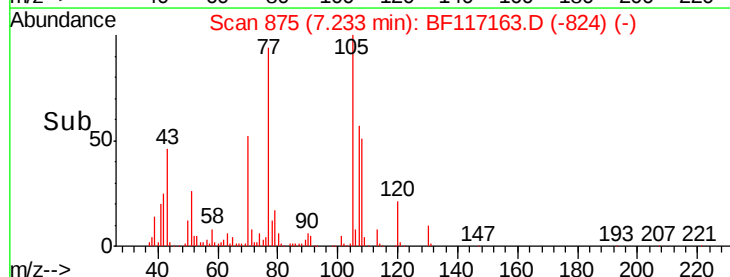
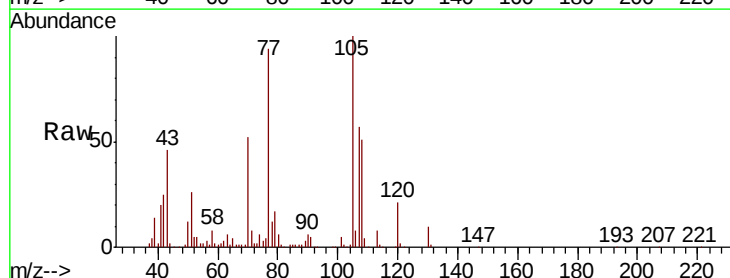
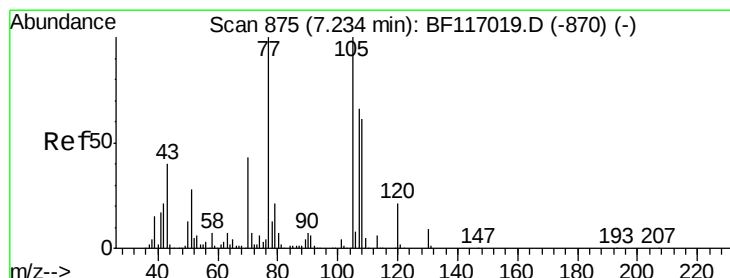
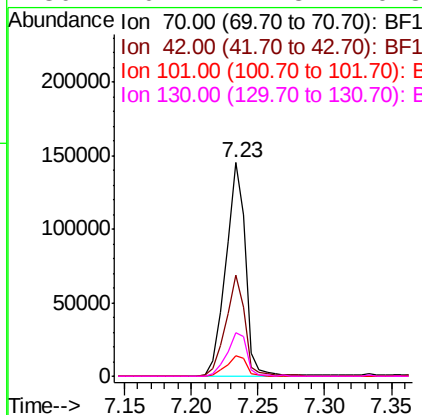
#19
n-Nitroso-di-n-propylamine
Concen: 44.079 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.4	34.0	51.0
101	9.5	7.8	11.6
130	20.2	17.8	26.8

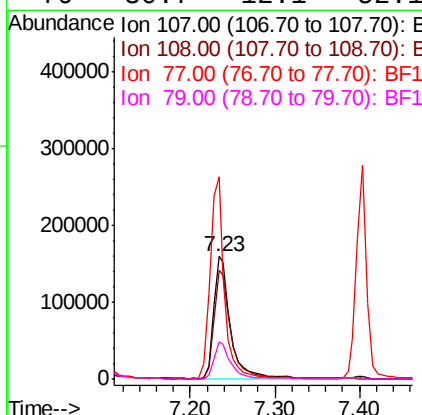
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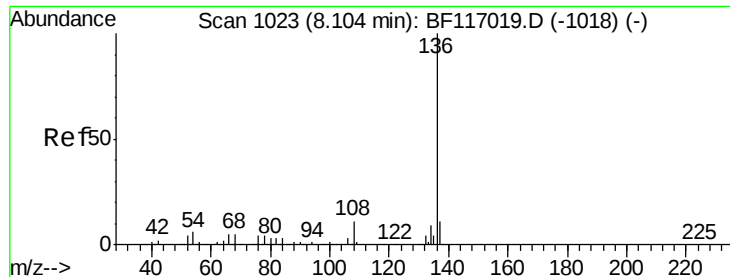
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#20
3+4-Methylphenols
Concen: 45.274 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.6	112.6
77	165.1	132.1	172.1
79	30.7	12.1	52.1





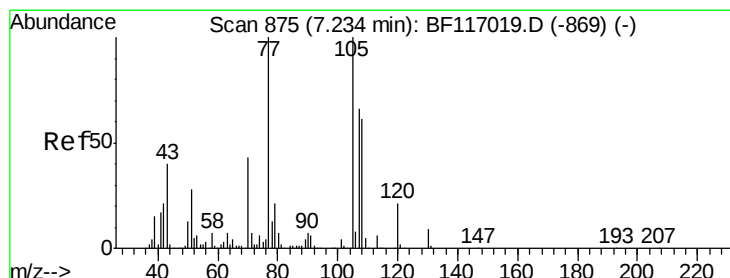
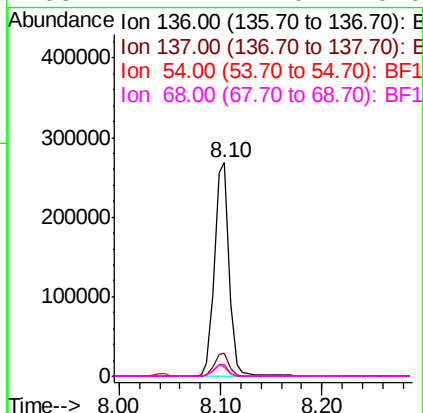
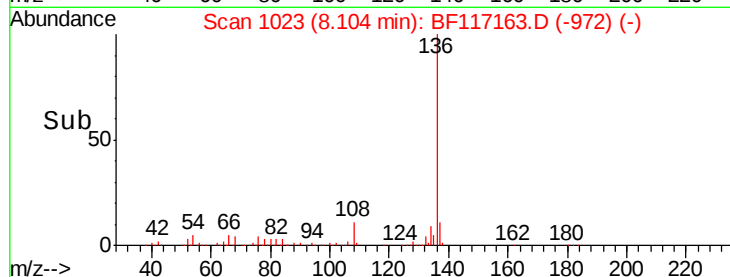
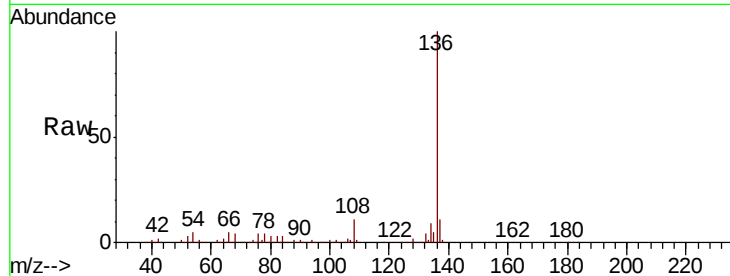
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271864		
137	10.6		9.0	13.4
54	5.2		4.5	6.7
68	4.4		4.0	6.0

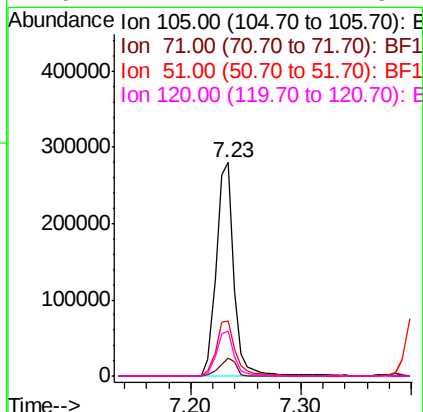
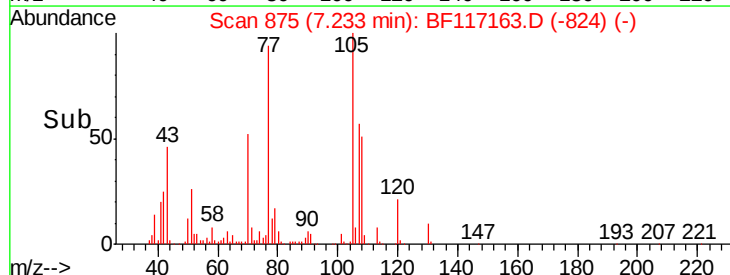
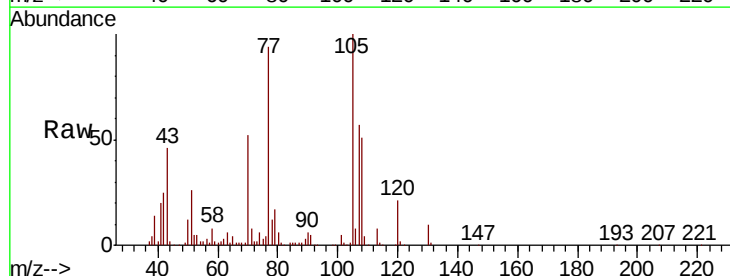
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#22
Acetophenone
Concen: 44.860 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309859		
71	8.3		5.7	8.5
51	25.7		22.1	33.1
120	21.1		17.1	25.7





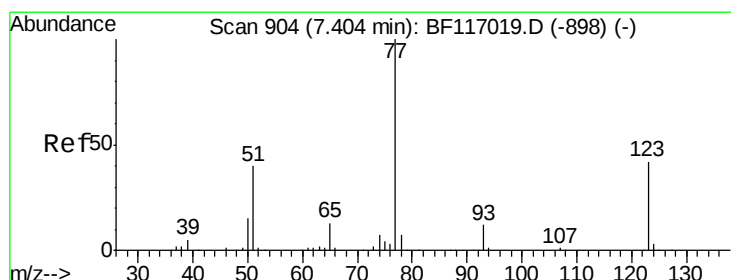
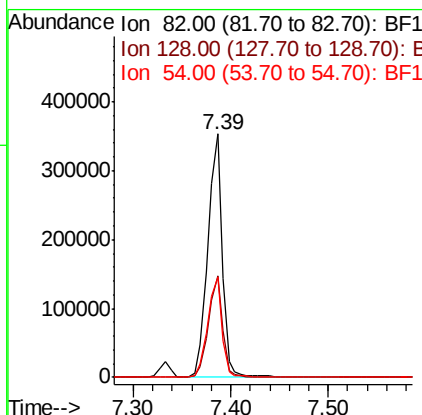
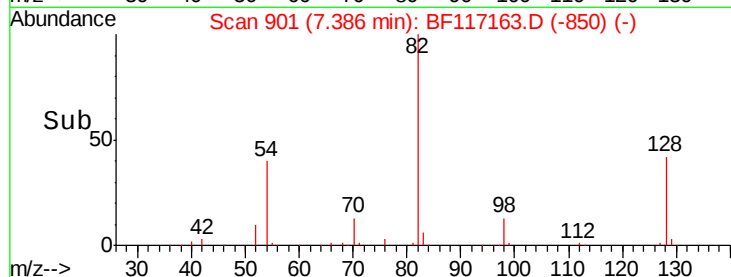
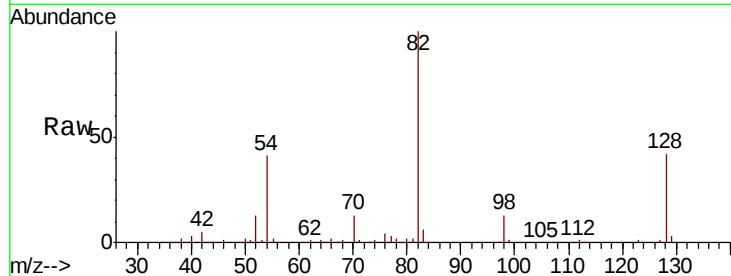
#23
Nitrobenzene-d5
Concen: 71.328 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	369062		
128	41.7		32.3	48.5
54	41.1		33.3	49.9

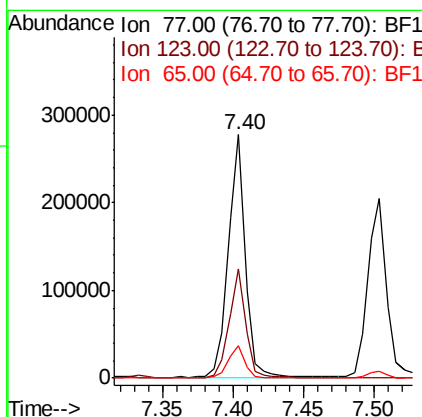
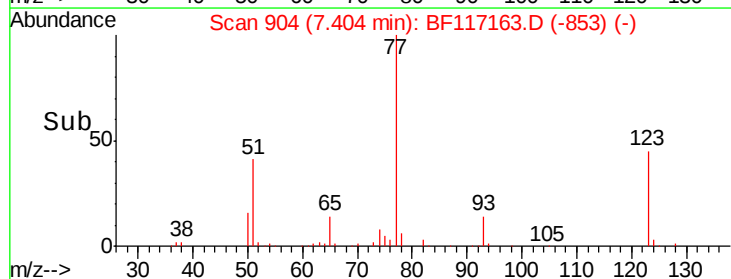
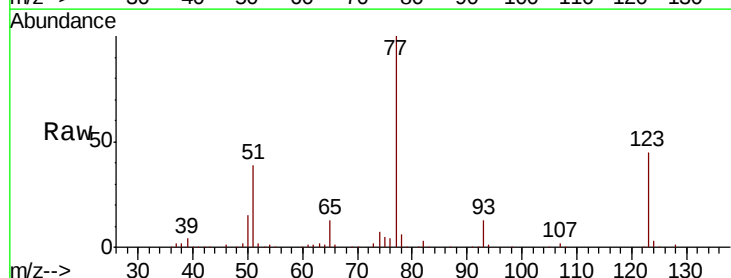
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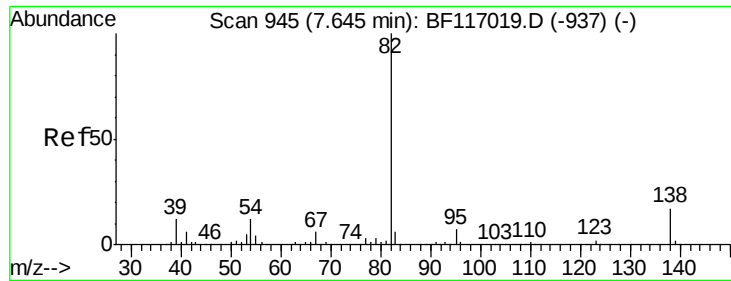
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#24
Nitrobenzene
Concen: 45.691 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	233466		
123	44.8		33.5	50.3
65	13.1		10.5	15.7





#25

Isophorone

Concen: 46.048 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

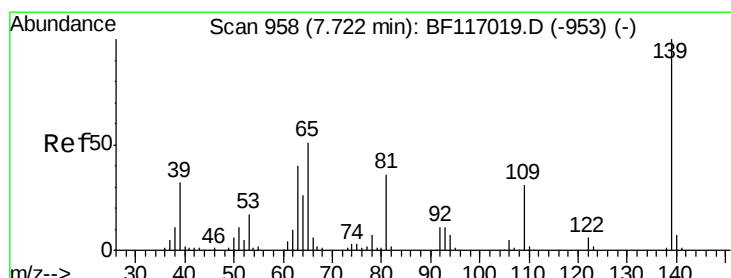
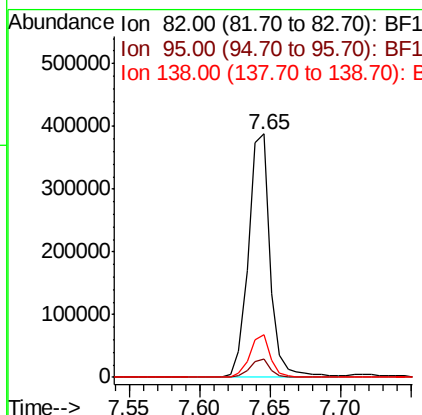
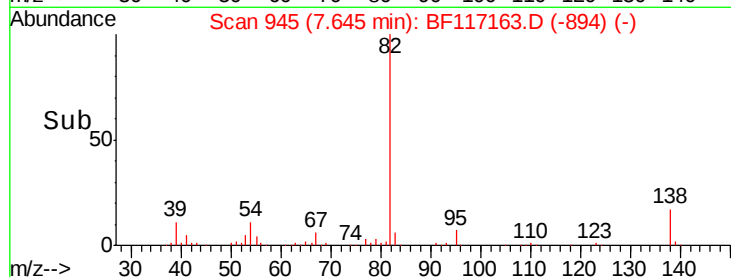
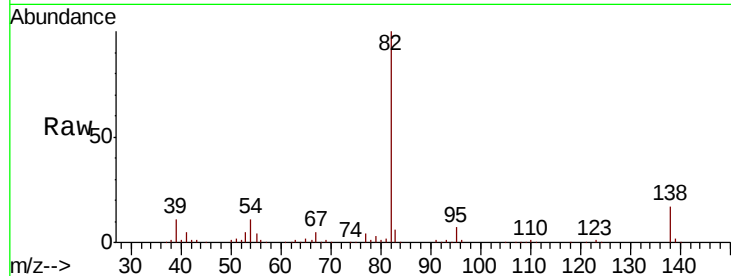
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	82	Resp:	421861
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	17.4	13.5	20.3

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#26

2-Nitrophenol

Concen: 49.588 ng

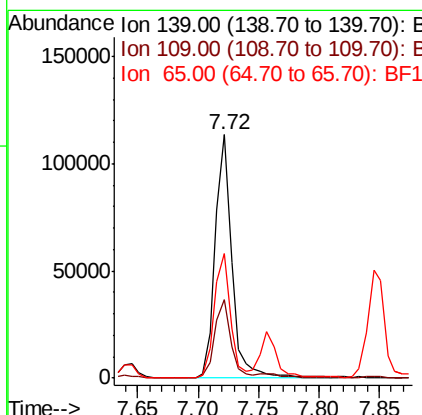
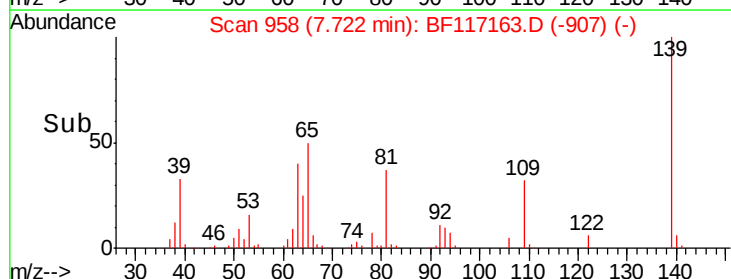
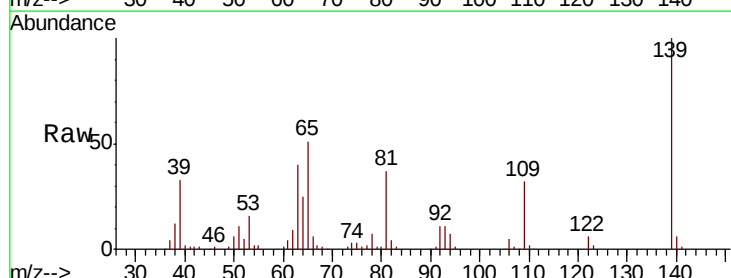
RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	139	Resp:	108835
Ion Ratio	Lower	Upper	
139	100		
109	32.1	24.6	36.8
65	51.1	40.9	61.3





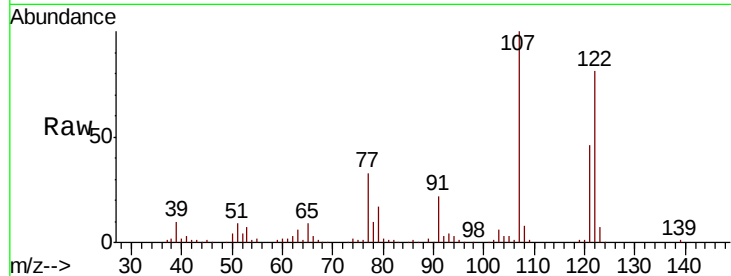
#27
2,4-Dimethylphenol
Concen: 53.353 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	185696		
107	124.2	98.9	148.3	
121	57.1	45.3	67.9	

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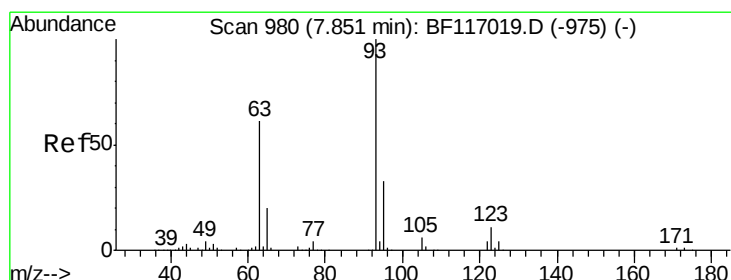
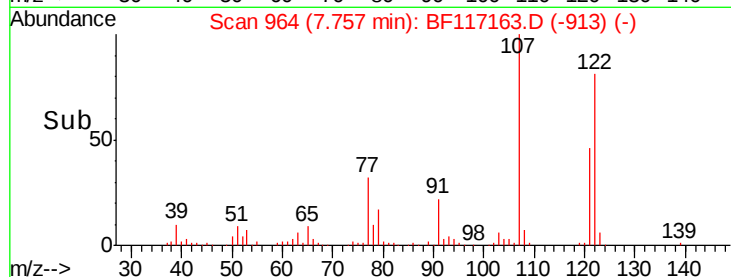
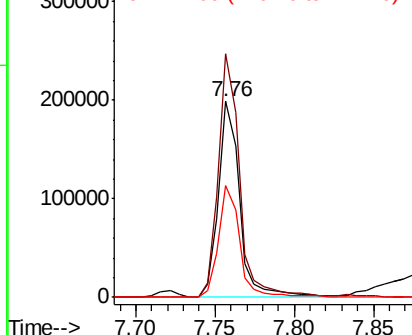


Abundance

Ion 122.00 (121.70 to 122.70): E

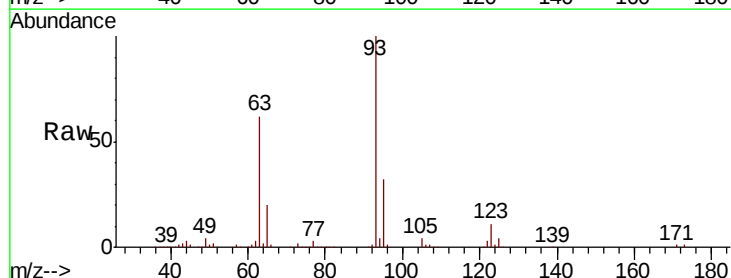
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.431 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	250785		
95	32.2	26.2	39.4	
123	11.0	9.0	13.6	

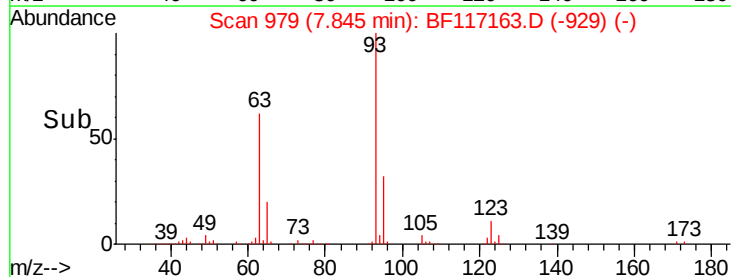
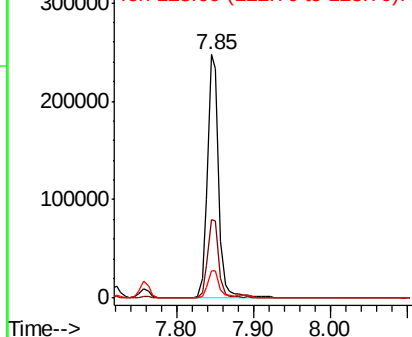


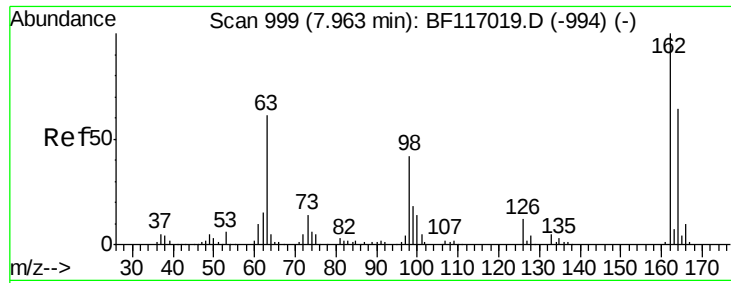
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





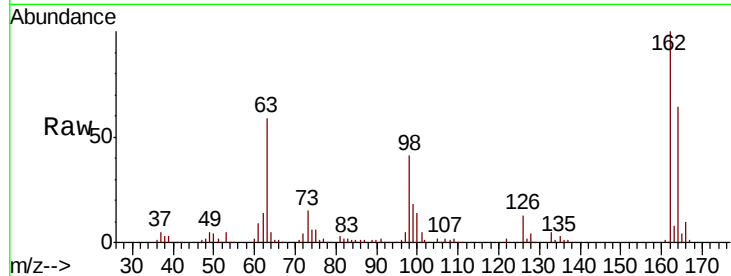
#29
2,4-Dichlorophenol
Concen: 47.178 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

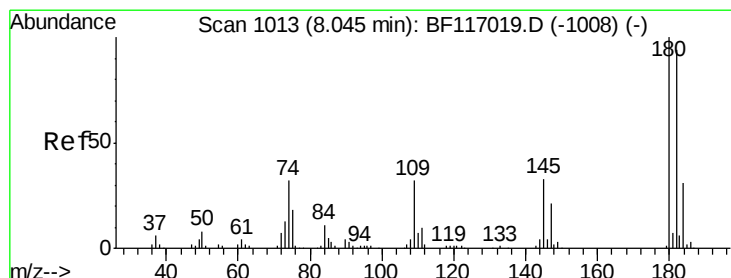
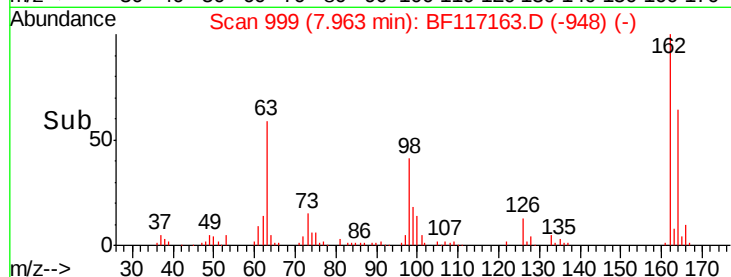
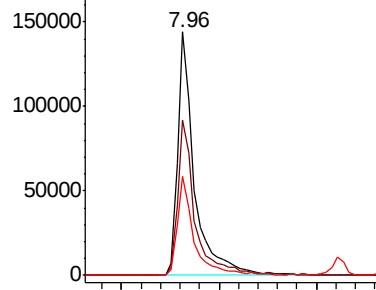
Tot Ion:	162	Resp:	172054
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.8	83.8
98	40.5	22.1	62.1

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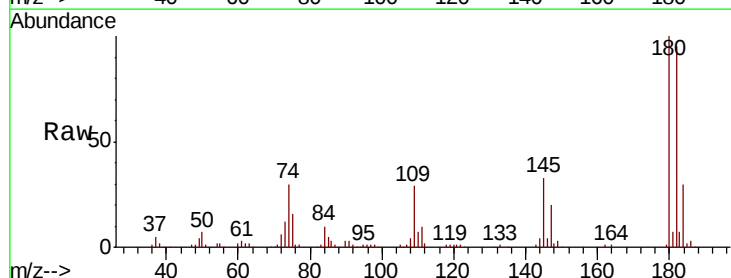


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

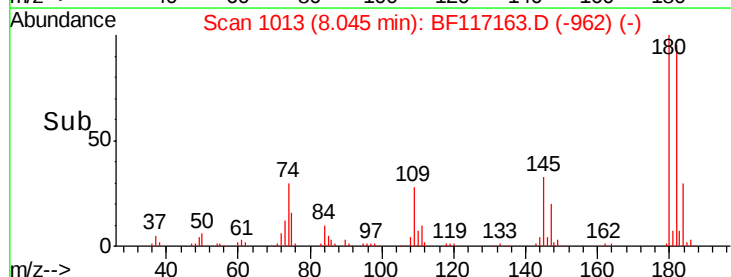
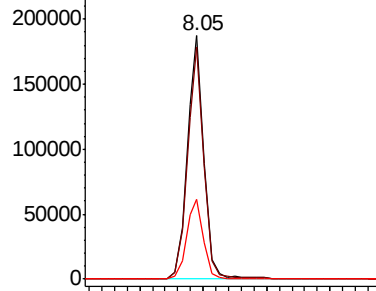


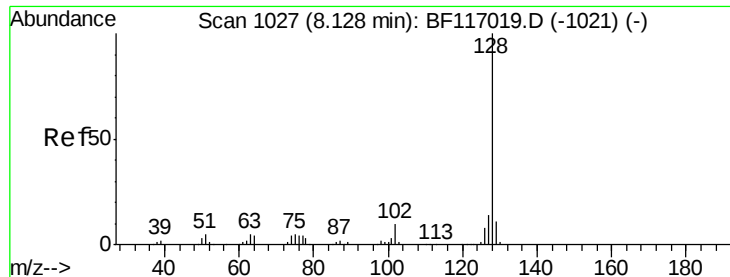
#30
1,2,4-Trichlorobenzene
Concen: 43.560 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion:	180	Resp:	171628
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.4	113.0
145	33.0	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





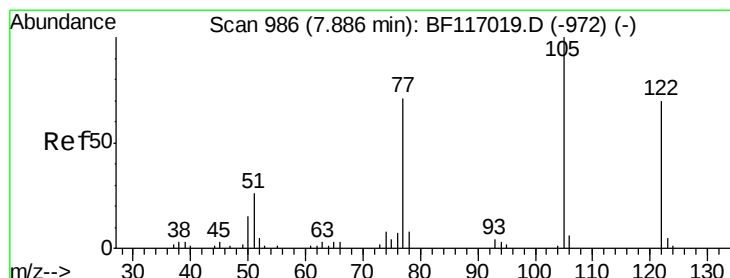
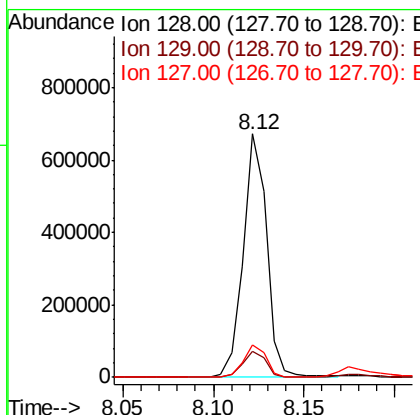
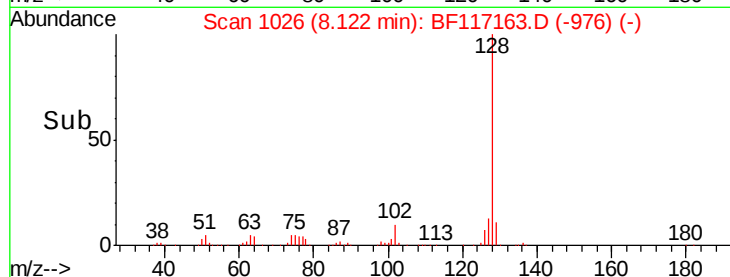
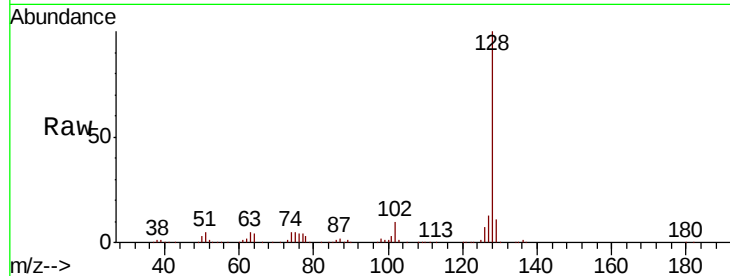
#31
Naphthalene
Concen: 46.298 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion:	128	Resp:	605339
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.4
127	13.1	10.8	16.2

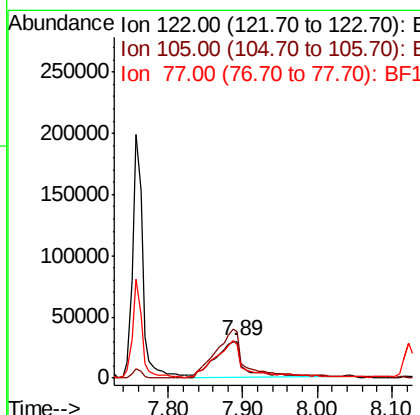
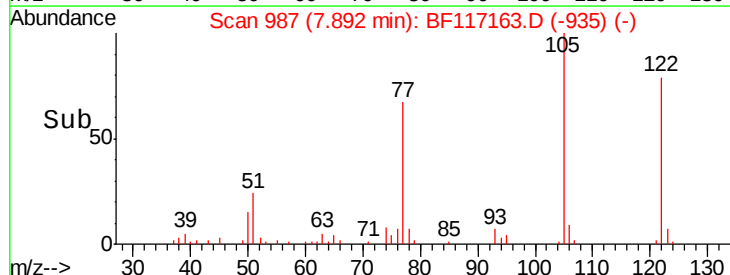
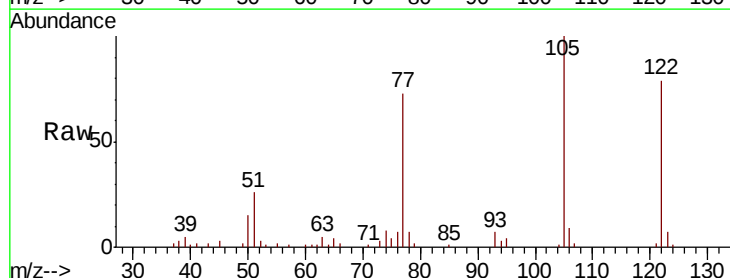
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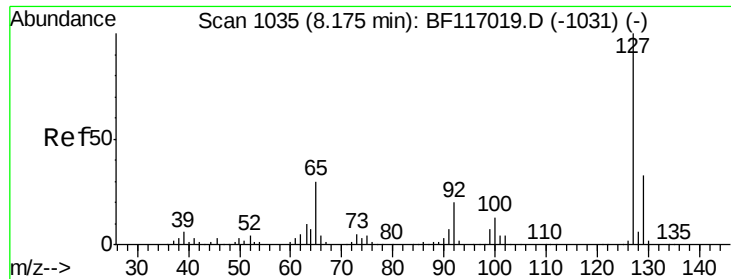
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#32
Benzoic acid
Concen: 33.633 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion:	122	Resp:	82376
Ion Ratio	Lower	Upper	
122	100		
105	125.9	114.8	154.8
77	91.3	78.7	118.7





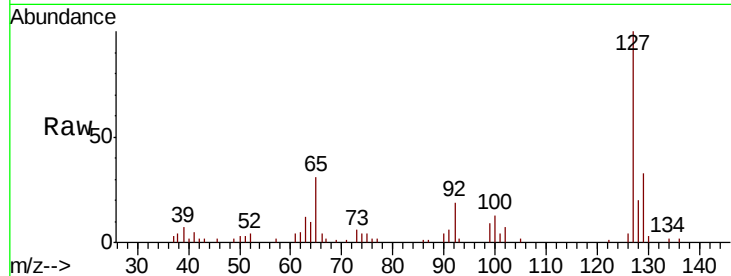
#33
4-Chloroaniline
Concen: 8.514 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

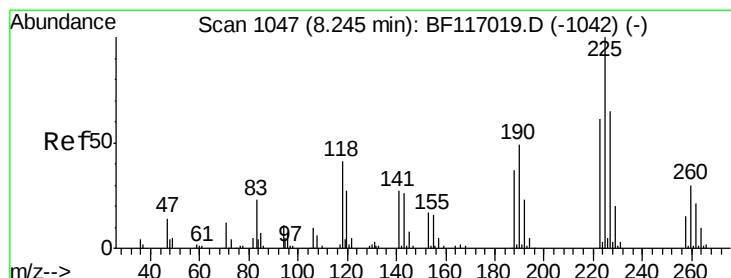
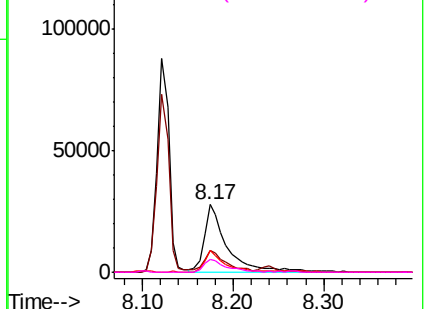
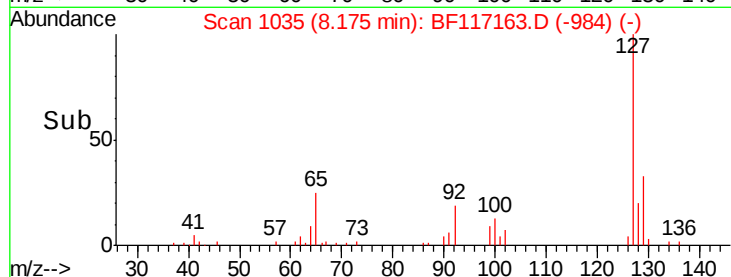
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	31.3	23.5	35.3
92	18.5	15.9	23.9

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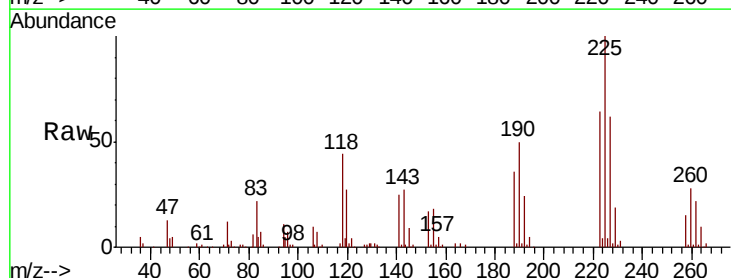


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

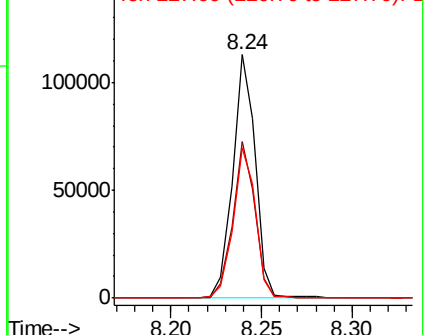
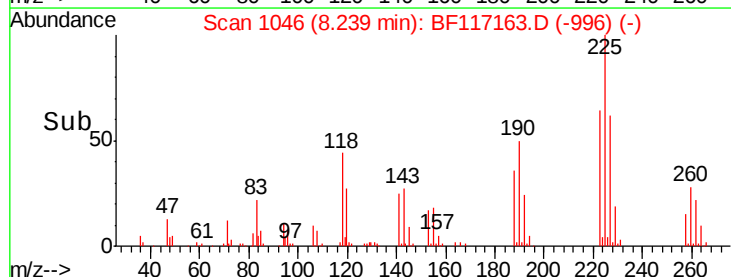


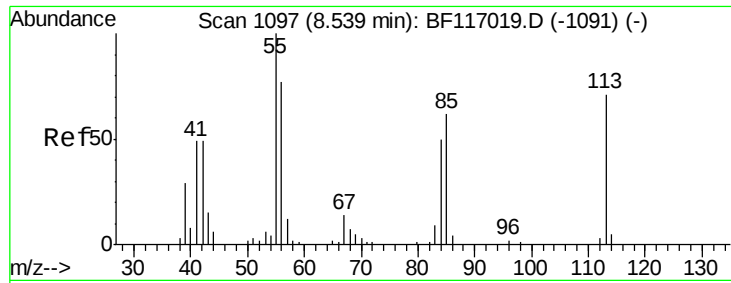
#34
Hexachlorobutadiene
Concen: 43.557 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.1	73.7
227	61.9	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





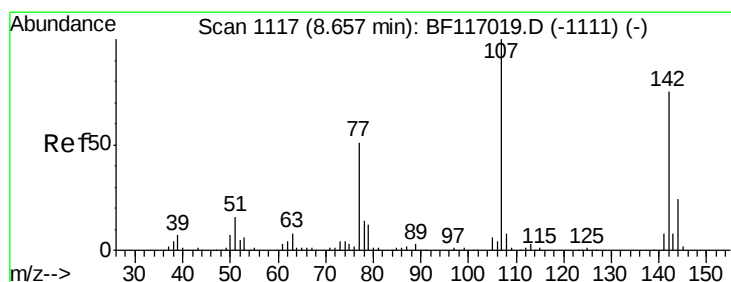
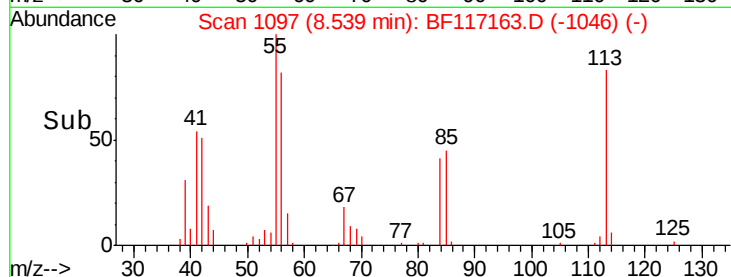
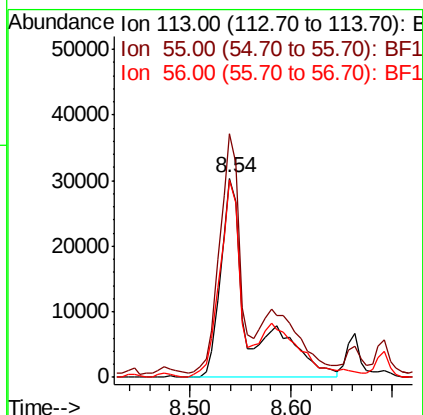
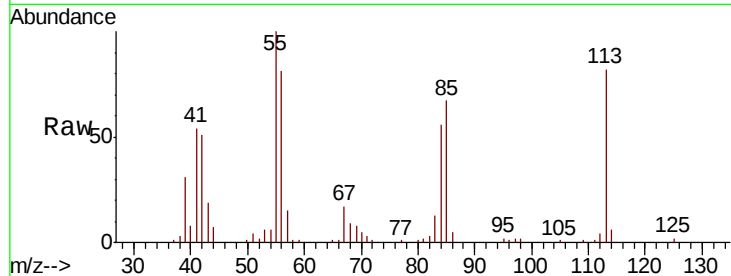
#35
 Caprolactam
 Concen: 48.753 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	122.2	120.6	160.6
56	99.3	88.8	128.8

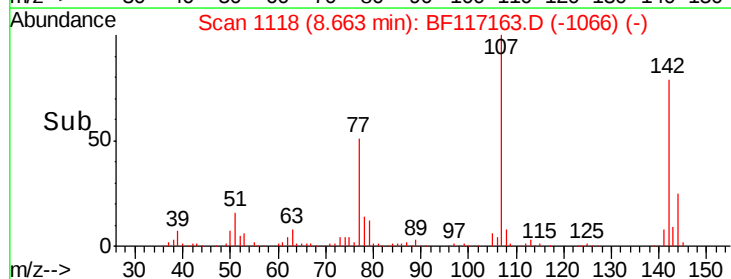
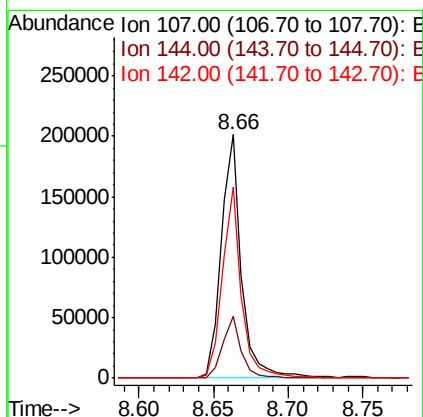
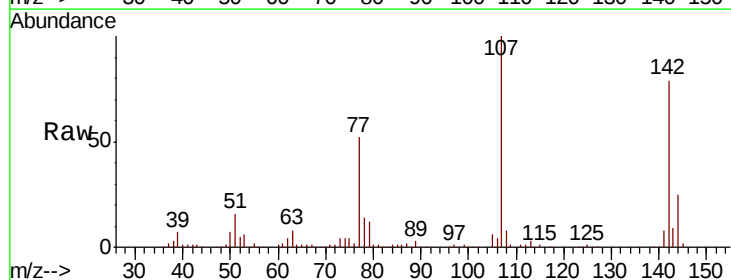
Manual Integrations
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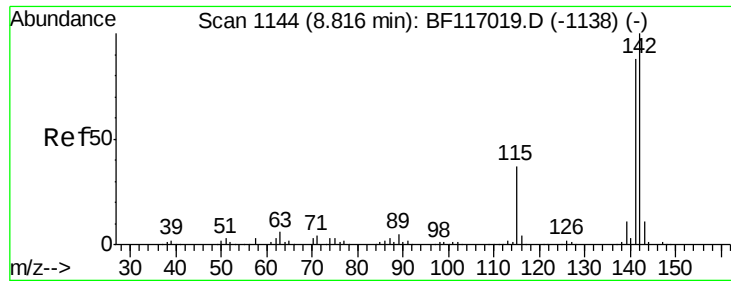
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#36
 4-Chloro-3-methylphenol
 Concen: 45.338 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.2	28.8
142	78.6	59.6	89.4





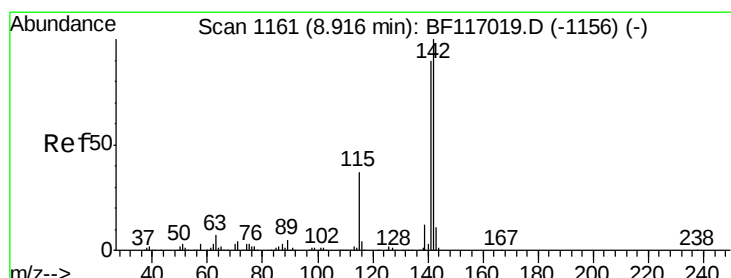
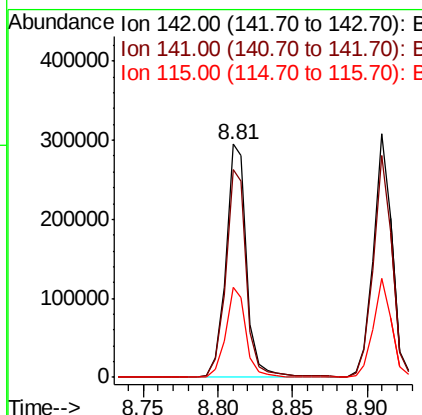
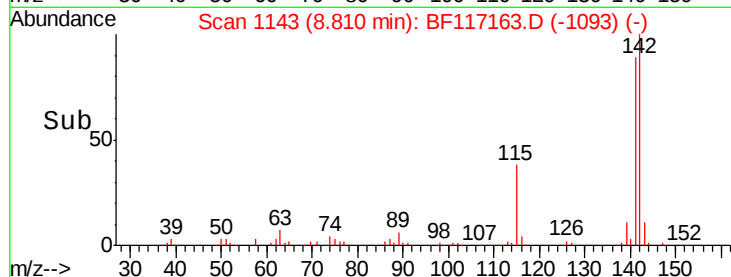
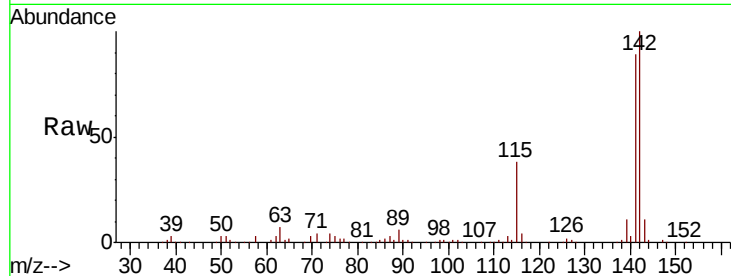
#37
2-Methylnaphthalene
Concen: 33.238 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.7	106.1
115	38.4	29.4	44.0

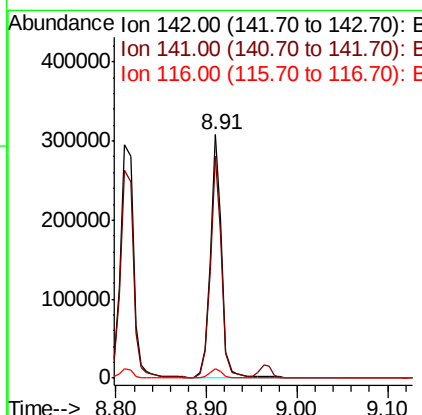
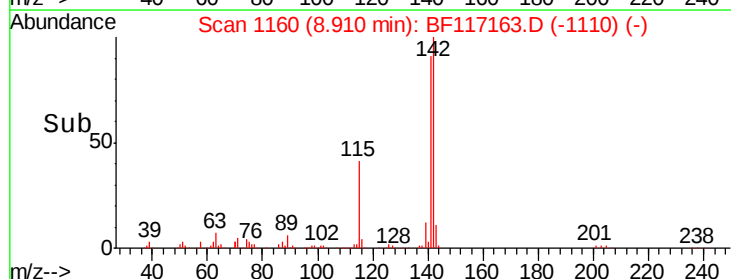
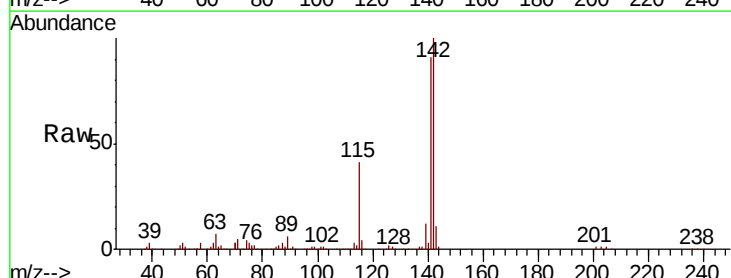
Manual Integrations
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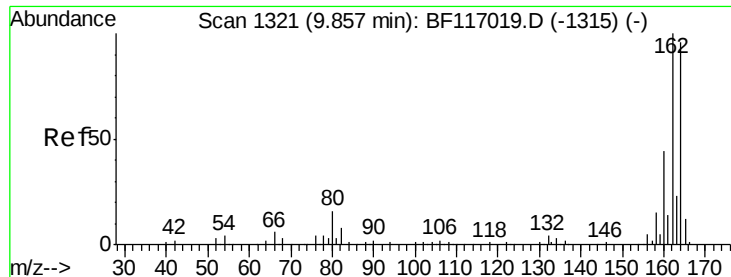
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#38
1-Methylnaphthalene
Concen: 32.896 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1MS

Tot Ion:164 Resp: 112149

Ion Ratio Lower Upper

164 100

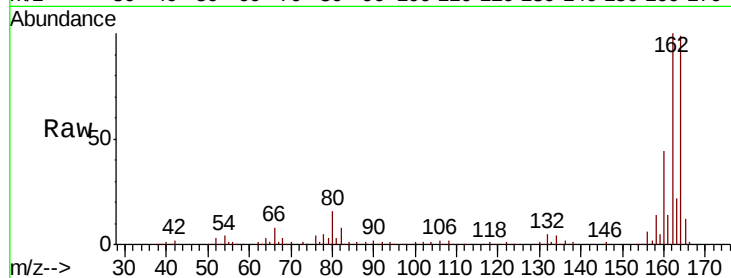
162 100.7 83.4 125.2

160 44.0 36.4 54.6

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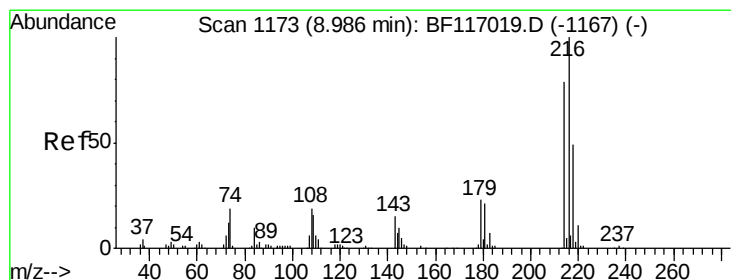
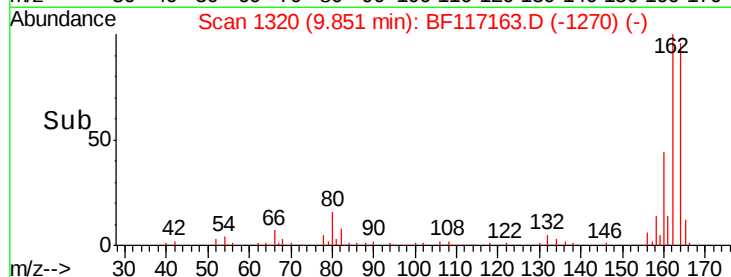
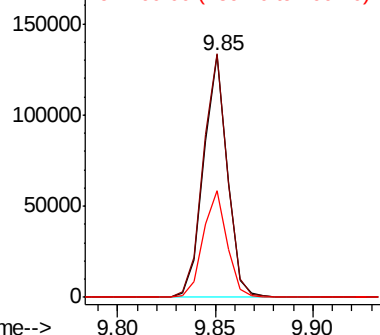


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.933 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:216 Resp: 115645

Ion Ratio Lower Upper

216 100

214 78.8 63.6 95.4

179 23.7 18.3 27.5

108 25.1 17.8 26.6

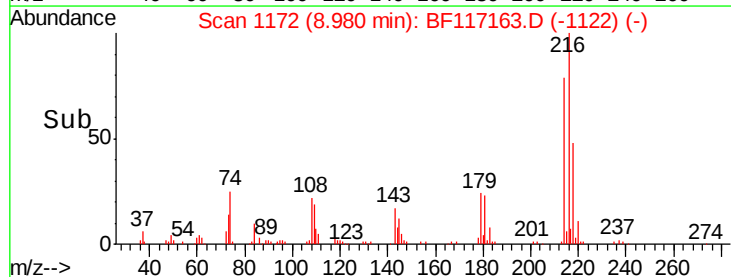
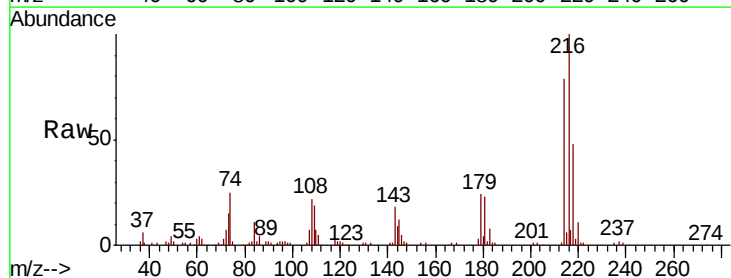
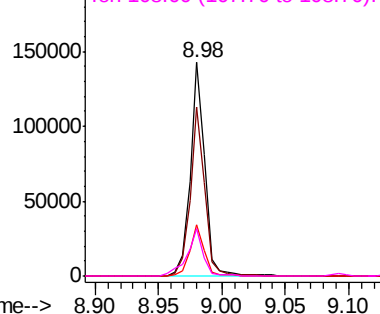
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.951 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

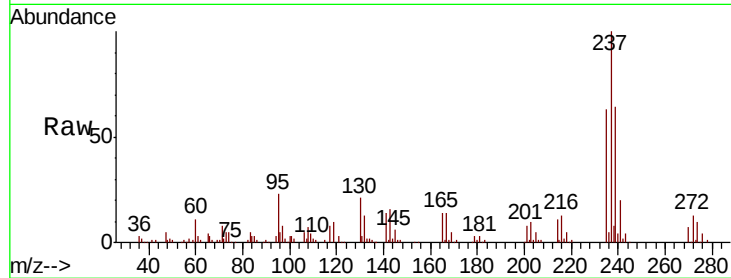
ClientSampleId :

SOIL-COMP-1MS

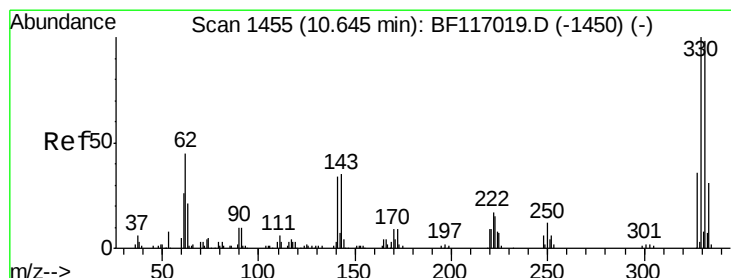
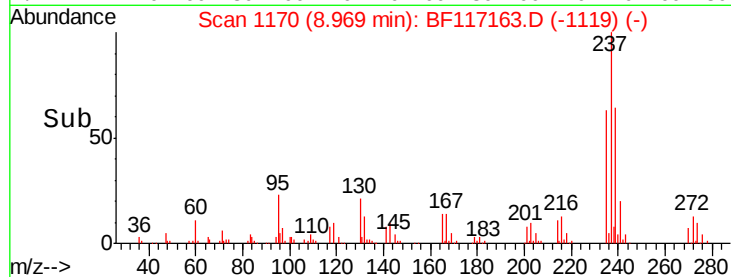
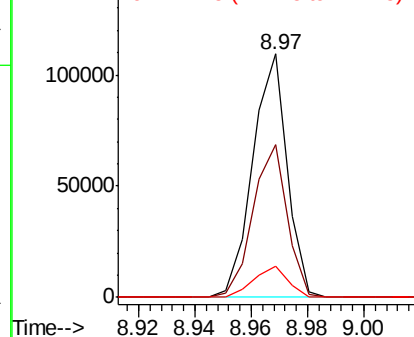
Tot Ion:	237	Resp:	92403
Ion Ratio	Lower	Upper	
237	100		
235	62.8	43.2	83.2
272	12.6	0.0	31.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.638 ng

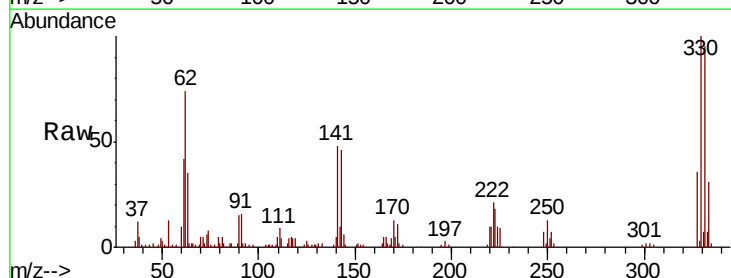
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

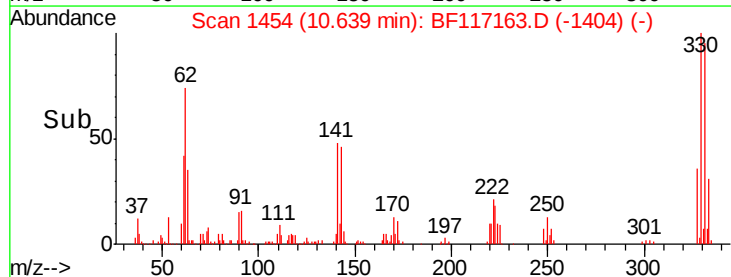
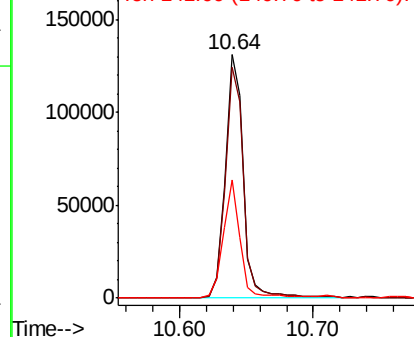
Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	330	Resp:	126197
Ion Ratio	Lower	Upper	
330	100		
332	95.8	78.0	117.0
141	45.0	35.8	53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





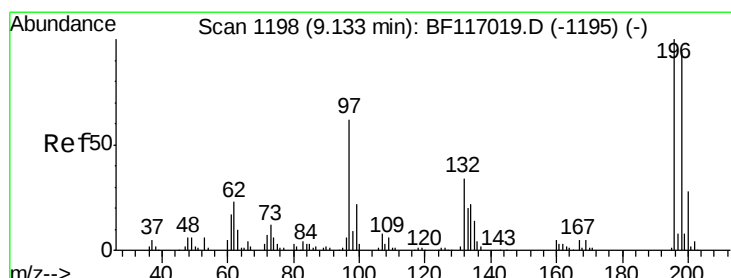
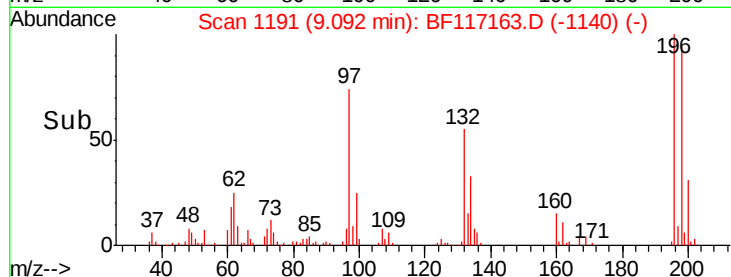
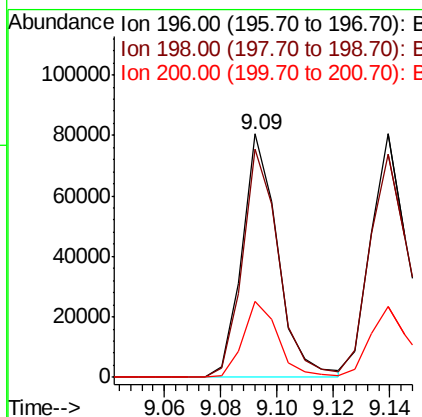
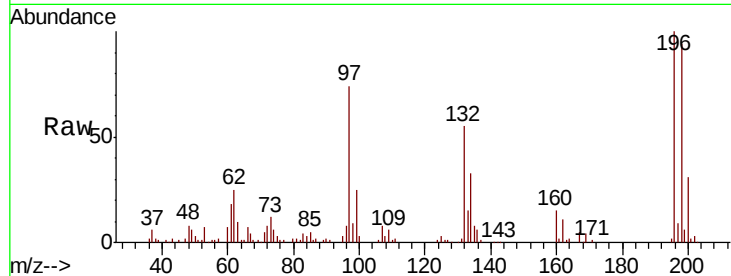
#43
 2,4,6-Trichlorophenol
 Concen: 35.917 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	70588		
198	93.9		75.7	113.5
200	31.5		23.3	34.9

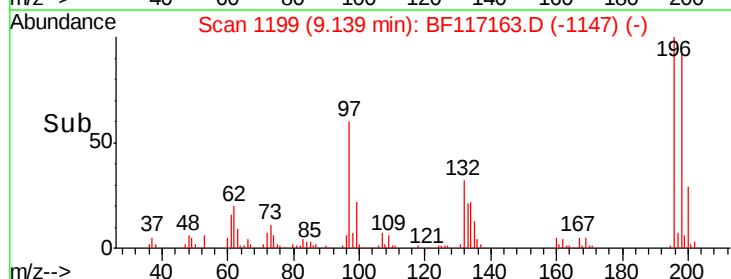
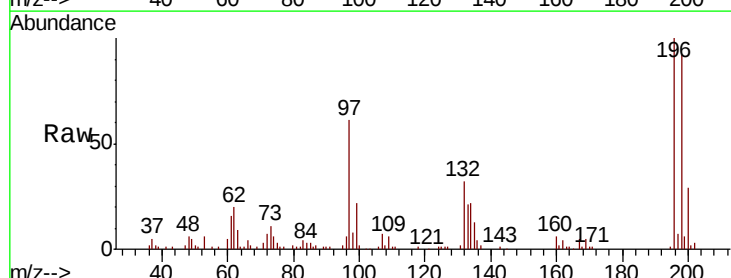
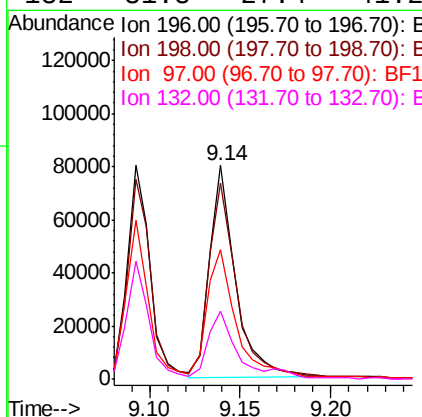
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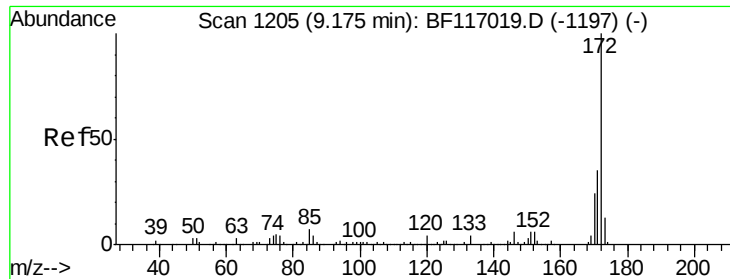
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#44
 2,4,5-Trichlorophenol
 Concen: 38.188 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80185		
198	91.6		74.6	112.0
97	60.8		49.5	74.3
132	31.8		27.4	41.2





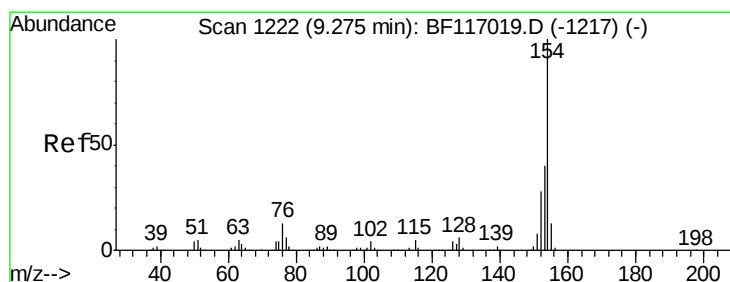
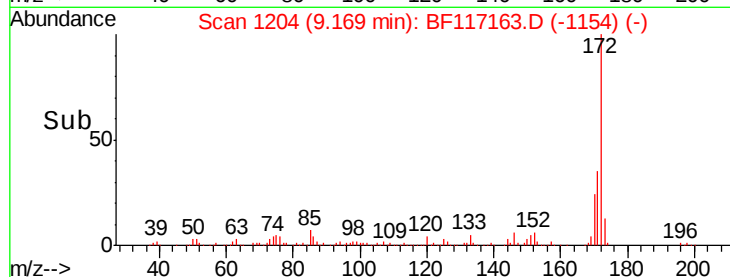
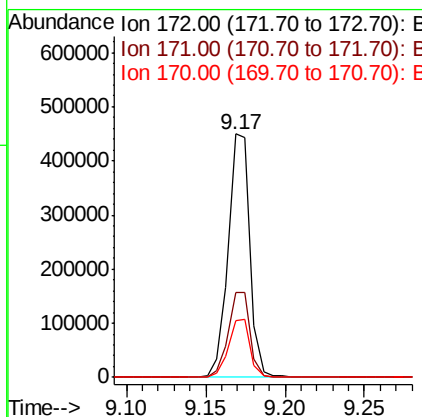
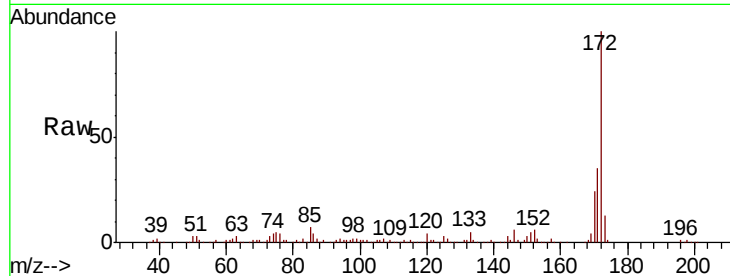
#45
2-Fluorobiphenyl
Concen: 59.774 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	428737		
171	35.1		28.2	42.2
170	23.5		18.9	28.3

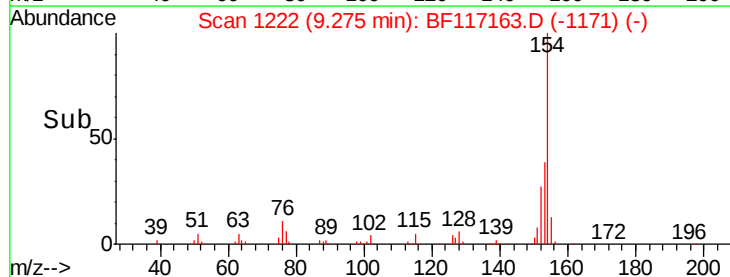
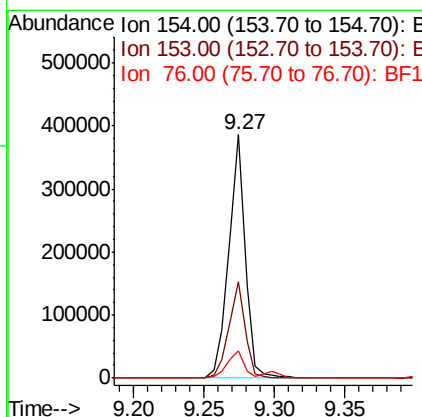
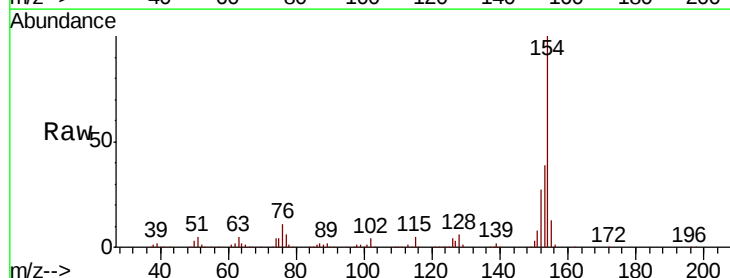
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#46
1,1'-Biphenyl
Concen: 35.961 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	316346		
153	39.4		20.0	60.0
76	11.3		0.0	32.7





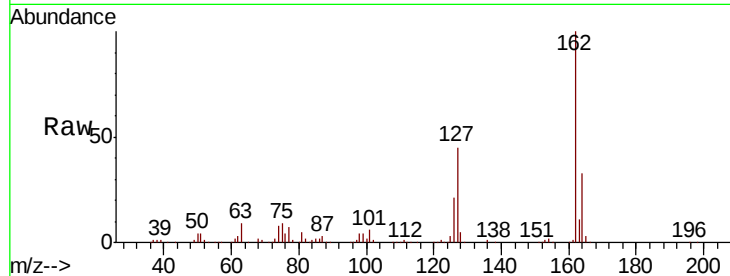
#47
2-Chloronaphthalene
Concen: 36.914 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

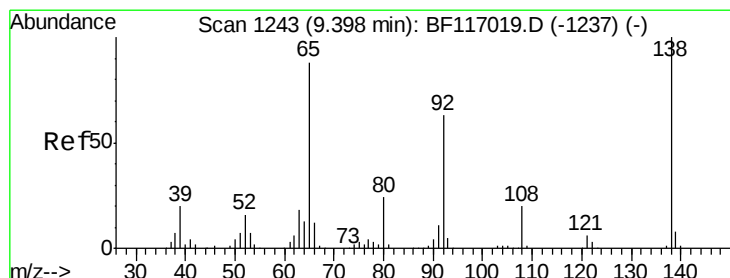
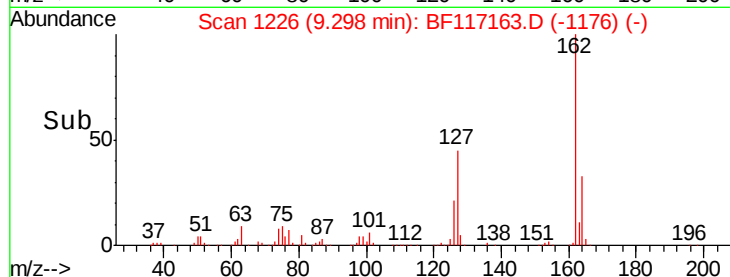
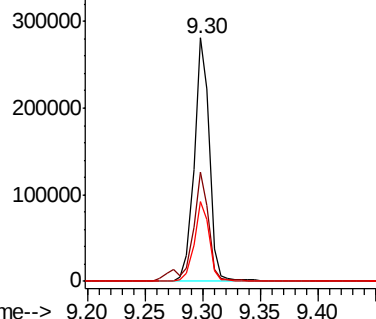
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.8	34.1	51.1	
164	32.6	25.9	38.9	

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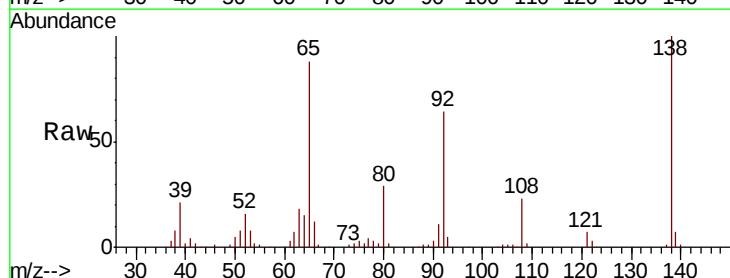


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

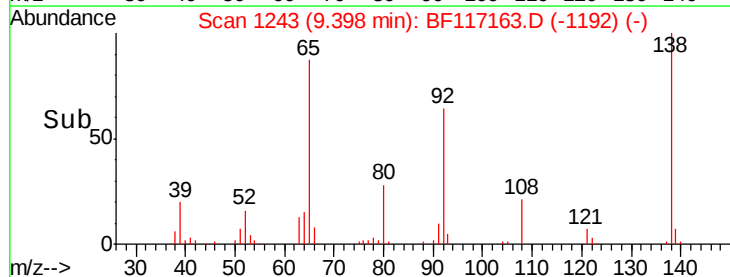
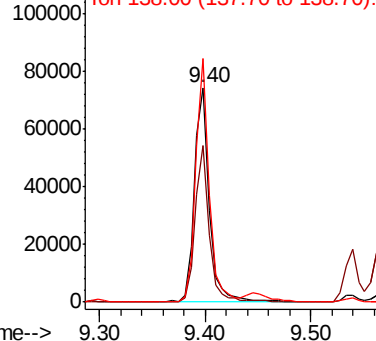


#48
2-Nitroaniline
Concen: 33.179 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.7	57.5	86.3	
138	113.5	90.6	136.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.268 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

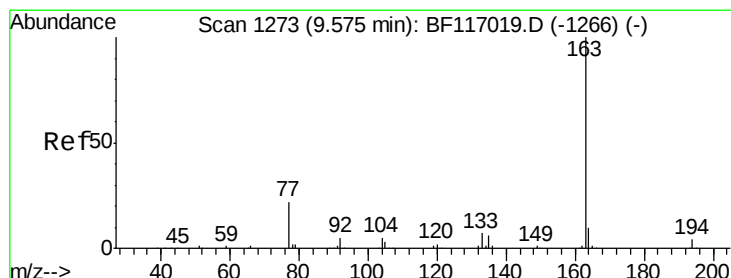
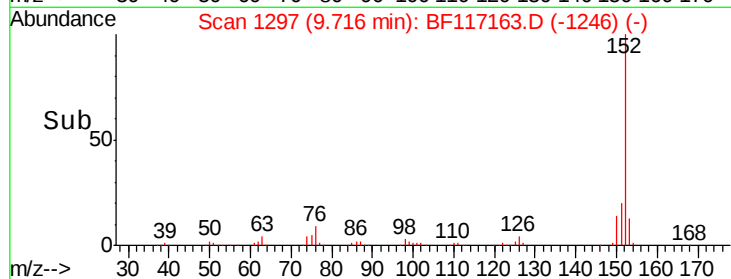
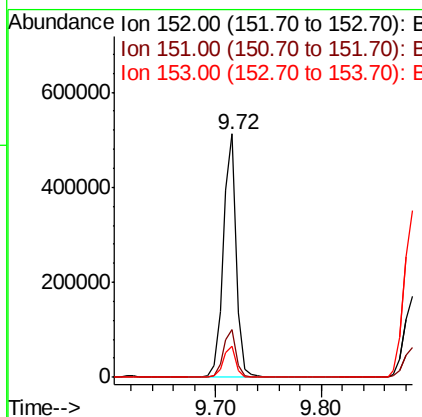
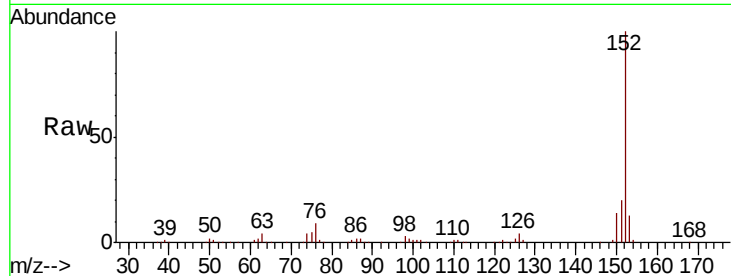
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	152	Resp:	439610
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	13.0	10.2	15.4

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#50

Dimethylphthalate

Concen: 41.341 ng

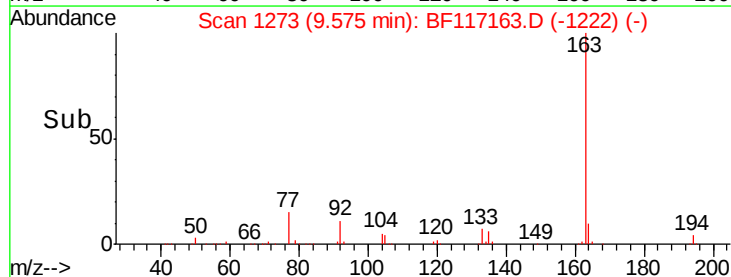
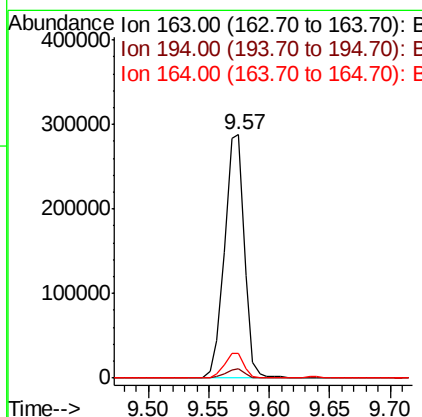
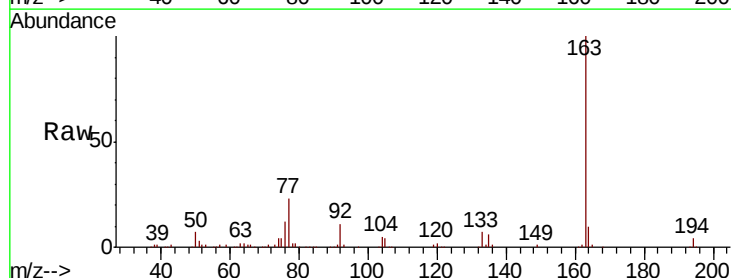
RT: 9.57 min Scan# 1273

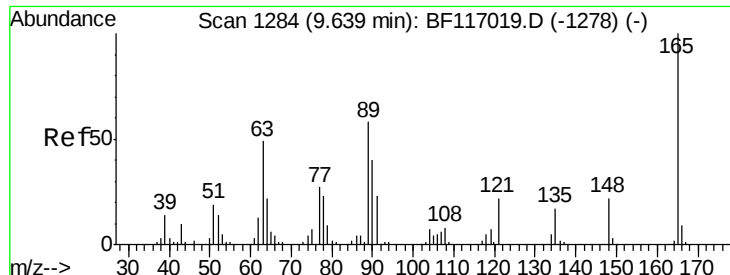
Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	163	Resp:	328279
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.9	4.3
164	10.0	8.2	12.4





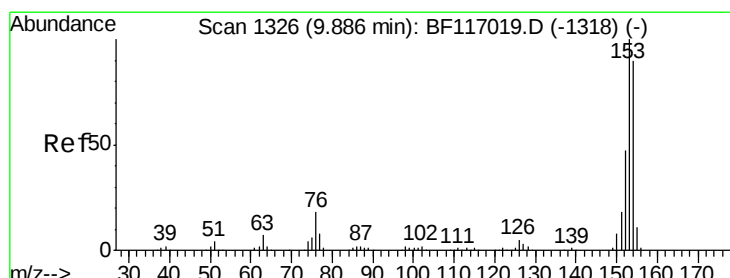
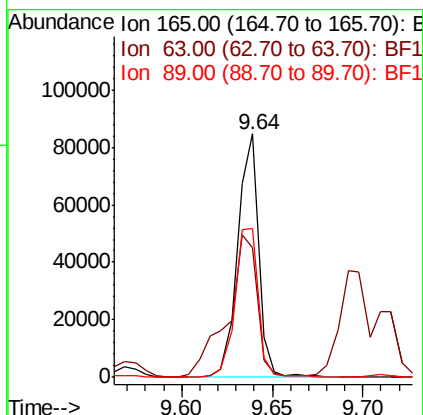
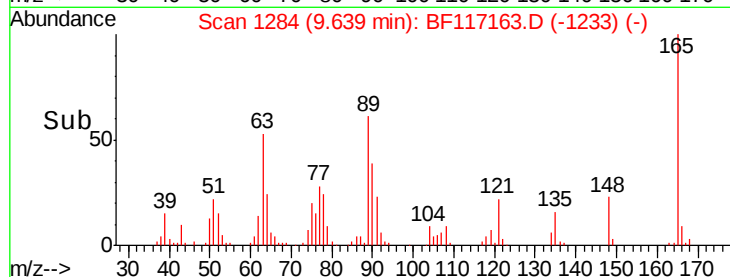
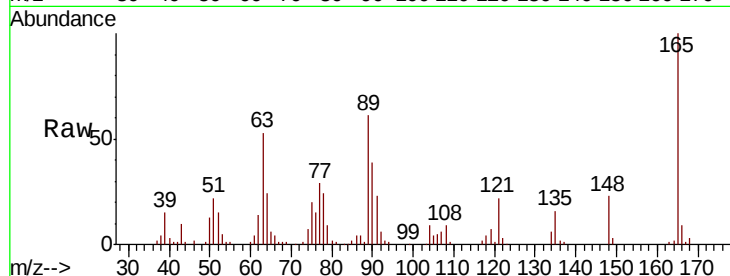
#51
 2,6-Dinitrotoluene
 Concen: 42.284 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Tot Ion:	165	Resp:	68384
Ion Ratio	Lower	Upper	
165	100		
63	53.3	41.8	62.8
89	61.2	46.5	69.7

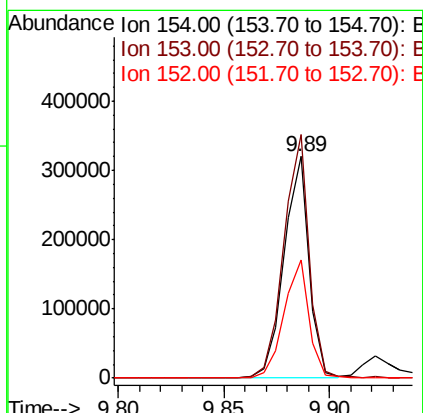
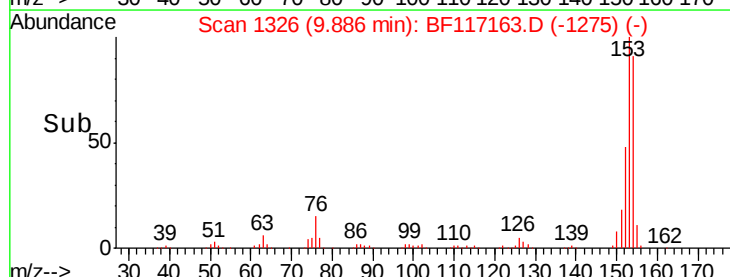
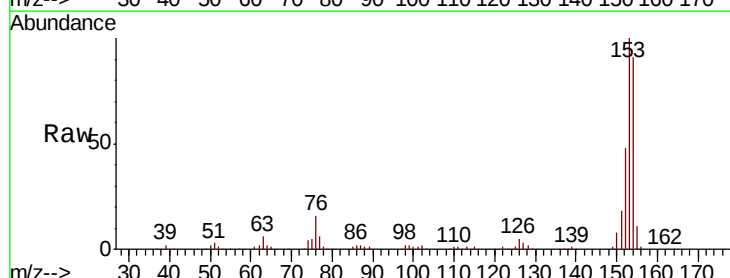
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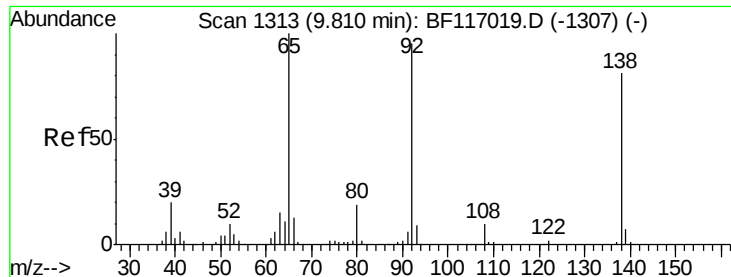
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#52
 Acenaphthene
 Concen: 42.915 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion:	154	Resp:	264580
Ion Ratio	Lower	Upper	
154	100		
153	109.9	89.0	133.6
152	53.1	41.9	62.9





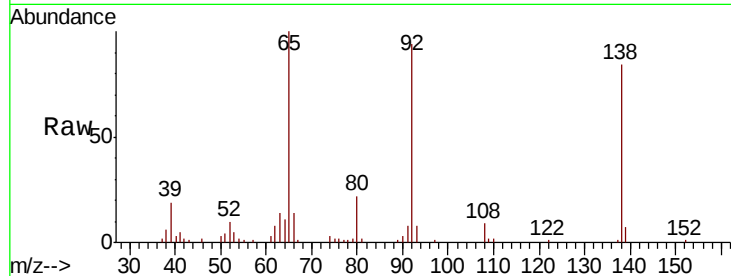
#53
3-Nitroaniline
Concen: 19.096 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

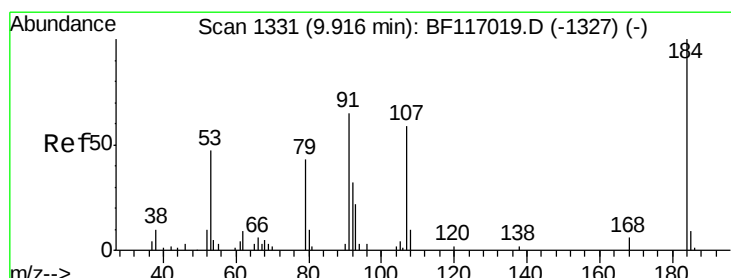
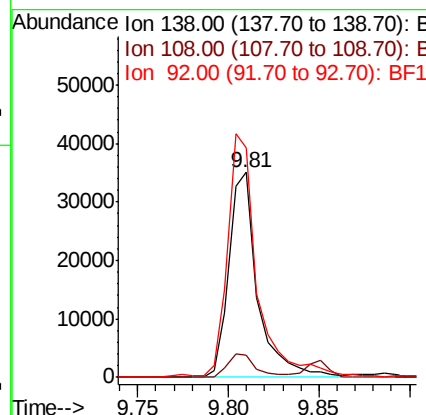
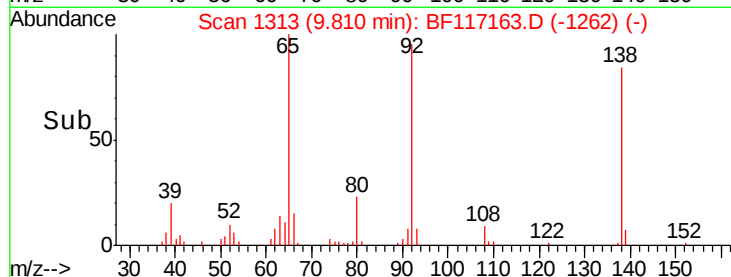
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.5	14.3
92	111.7	94.1	141.1

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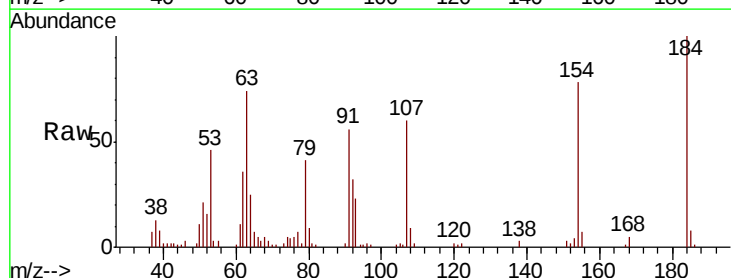


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

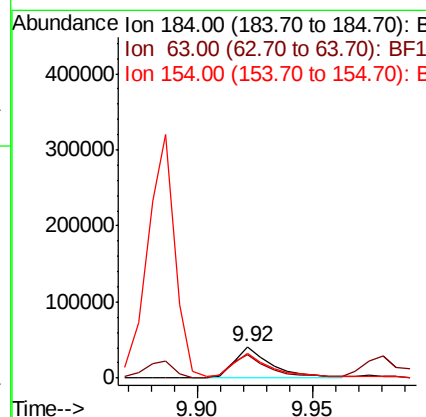
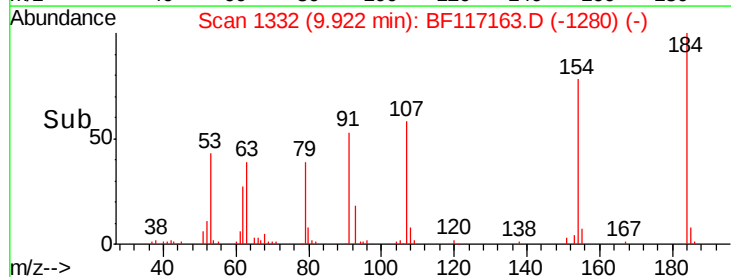


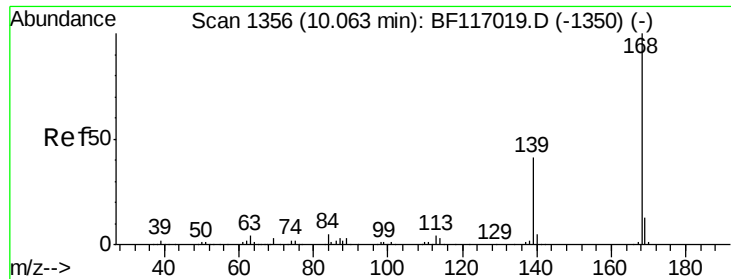
#54
2,4-Dinitrophenol
Concen: 68.192 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	63.8	95.6
154	77.9	60.4	90.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





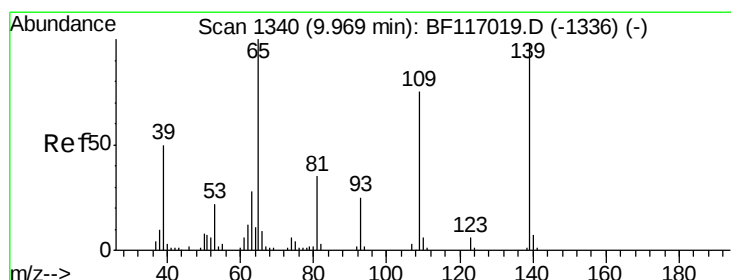
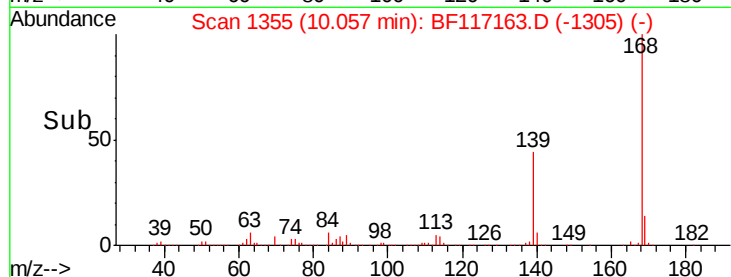
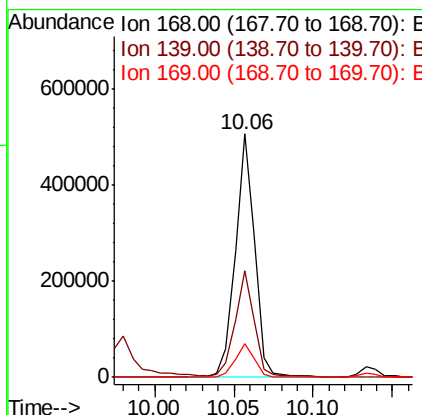
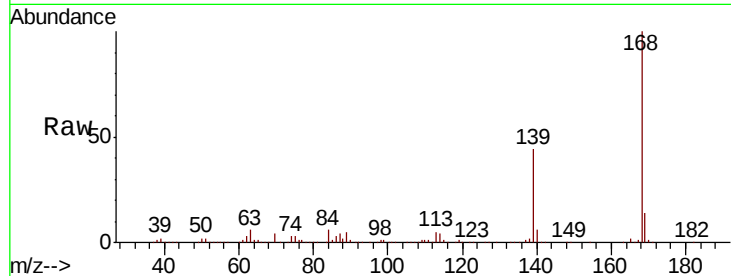
#55
Dibenzenofuran
Concen: 46.839 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.8	49.2
169	13.8	10.5	15.7

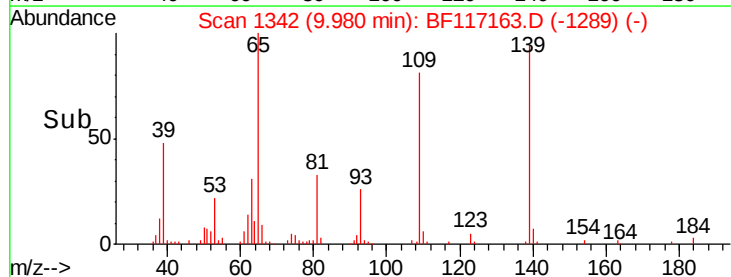
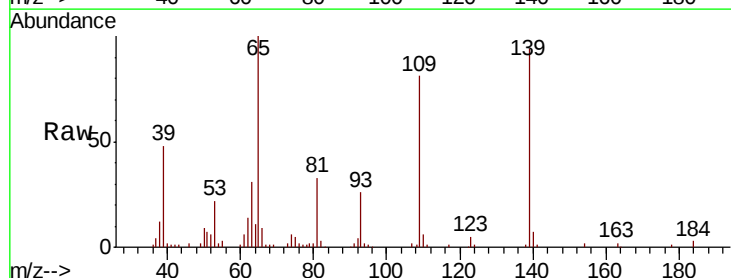
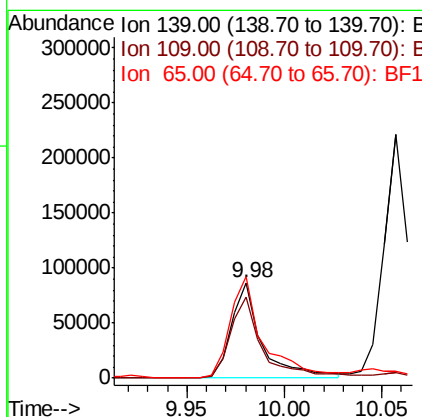
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#56
4-Nitrophenol
Concen: 71.488 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.3	56.4	96.4
65	105.8	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 49.310 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

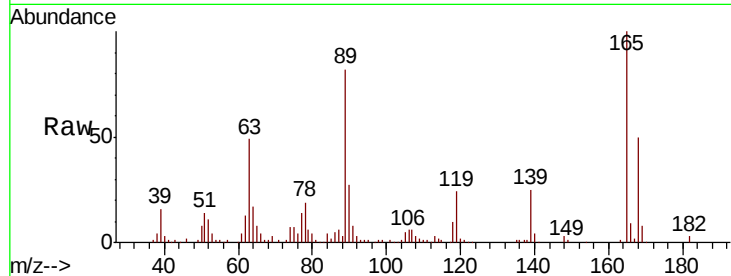
ClientSampleId :

SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.4	35.0	52.4	
89	82.1	66.1	99.1	
182	2.6	2.0	3.0	

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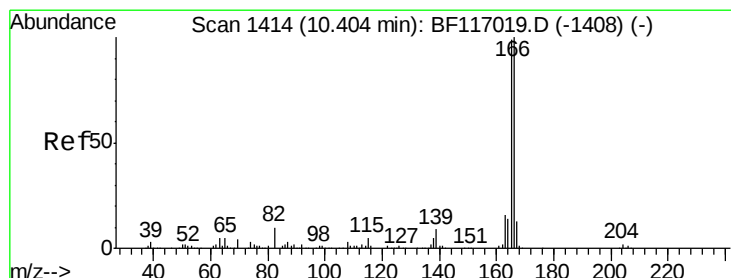
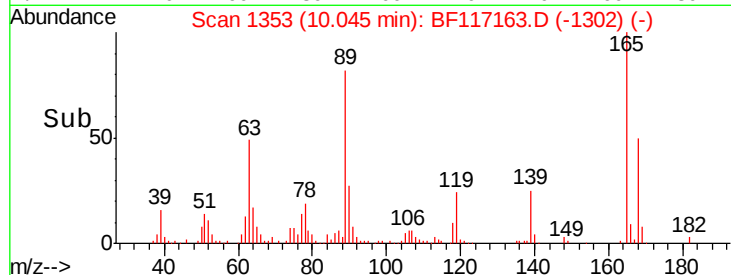
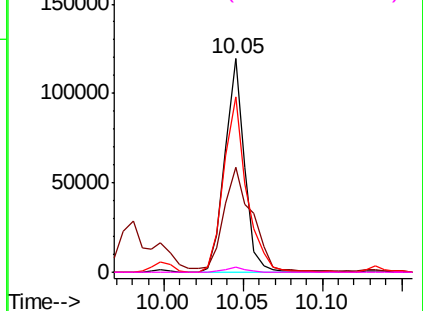


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 52.584 ng

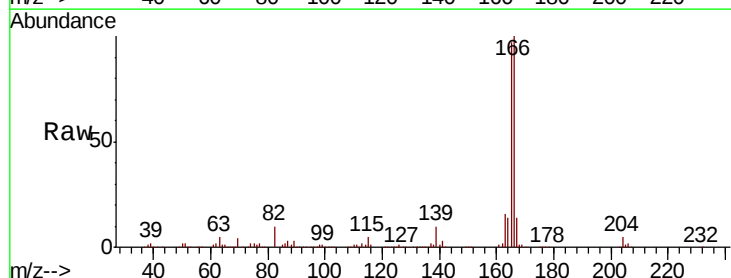
RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

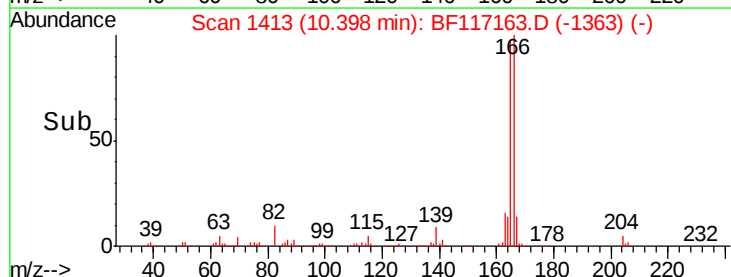
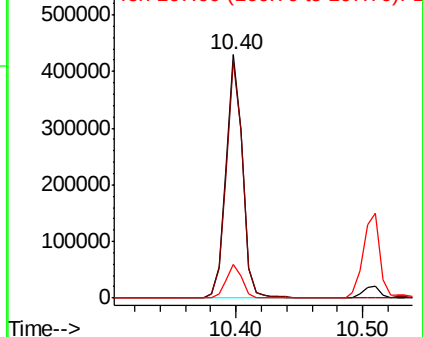
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	78.9	118.3	
167	13.7	10.6	15.8	



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.868 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1MS

Tot Ion:232 Resp: 76916

Ion Ratio Lower Upper

232 100

131 55.5 45.3 67.9

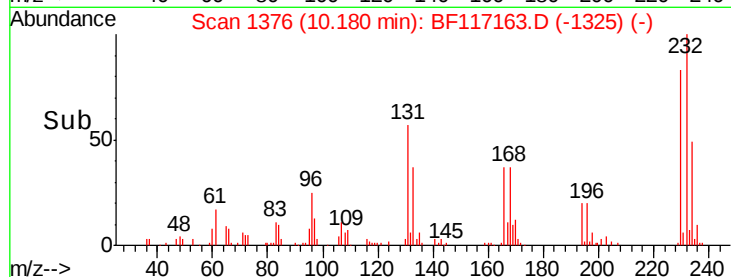
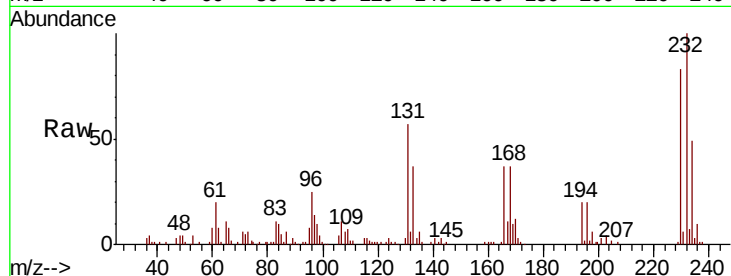
130 2.8 1.8 2.8

166 37.3 29.4 44.2

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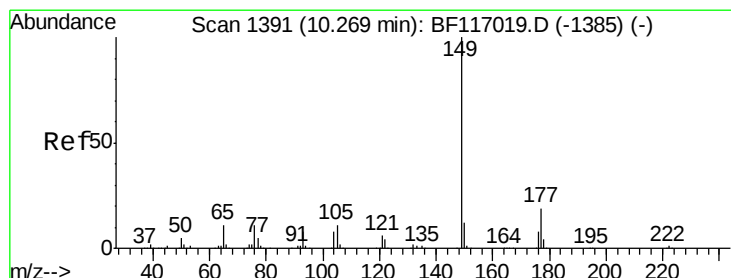
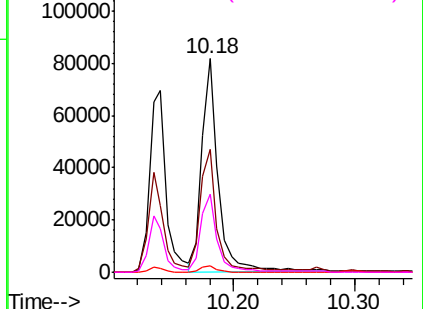


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 51.171 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

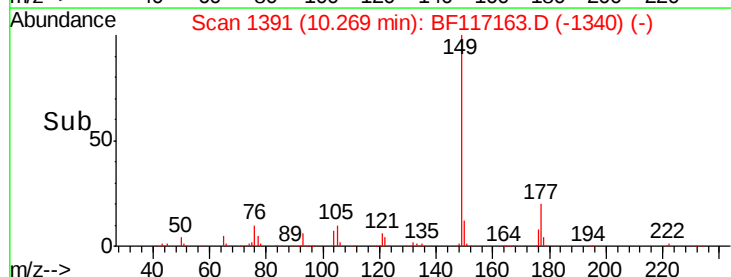
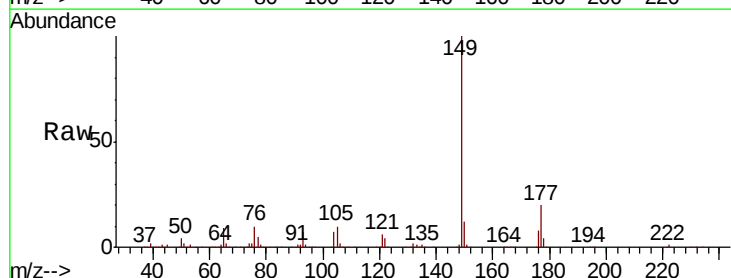
Tgt Ion:149 Resp: 399762

Ion Ratio Lower Upper

149 100

177 20.0 15.2 22.8

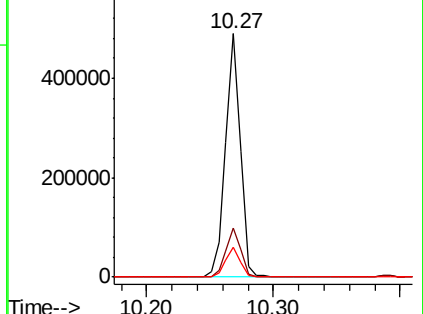
150 12.3 9.9 14.9

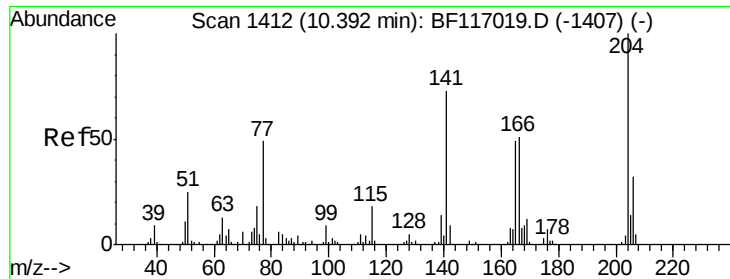


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





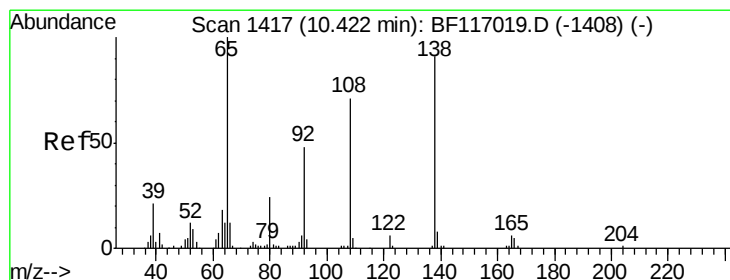
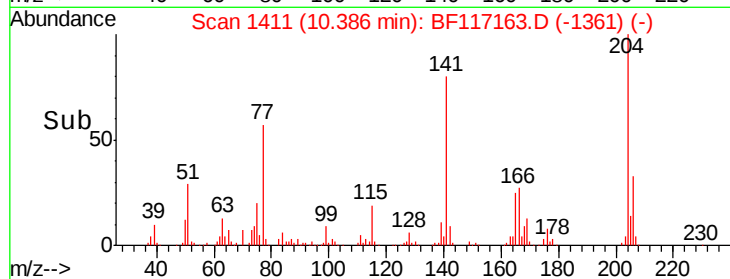
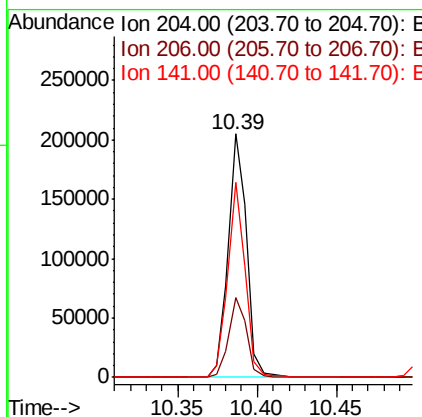
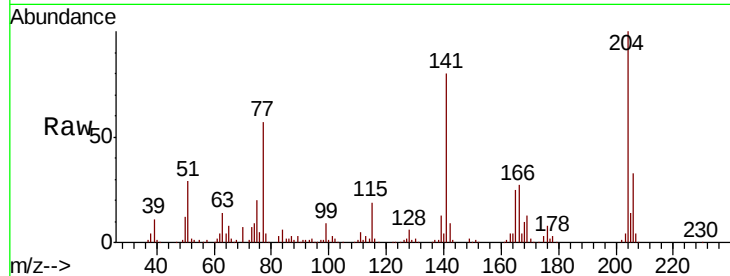
#61
4-Chlorophenyl-phenylether
Concen: 52.069 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	80.1	58.2	87.2

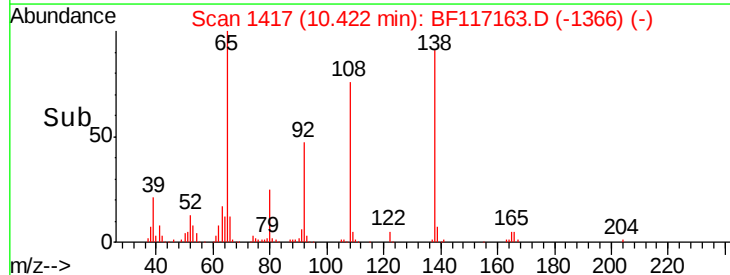
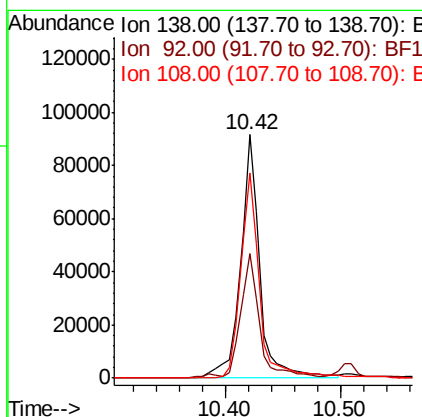
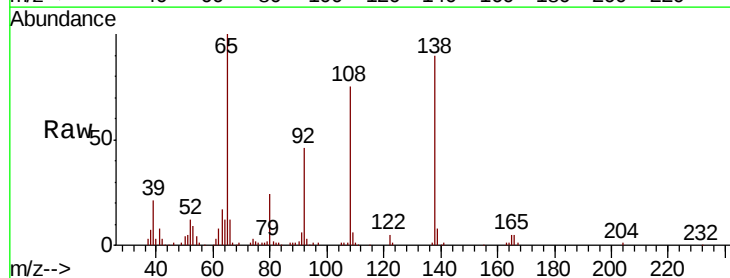
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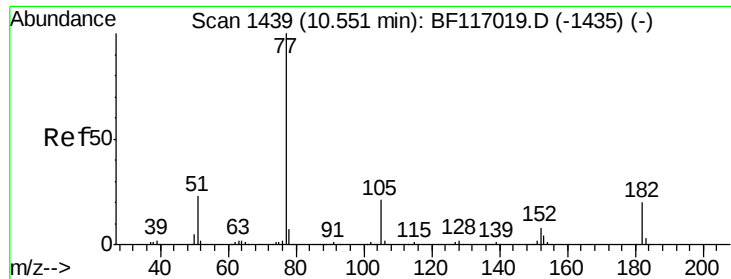
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#62
4-Nitroaniline
Concen: 49.816 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	32.9	72.9
108	84.1	58.3	98.3





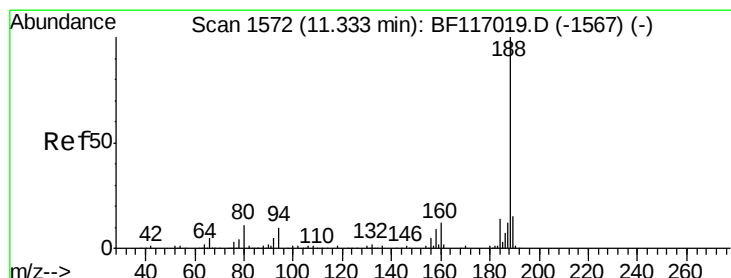
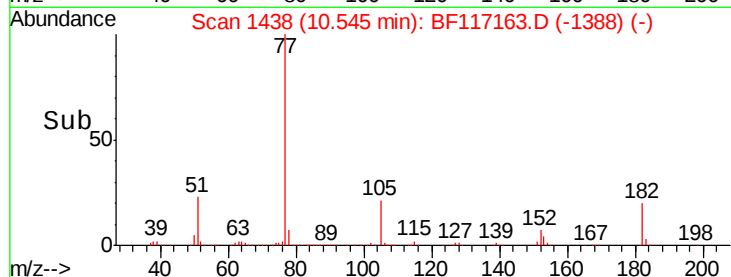
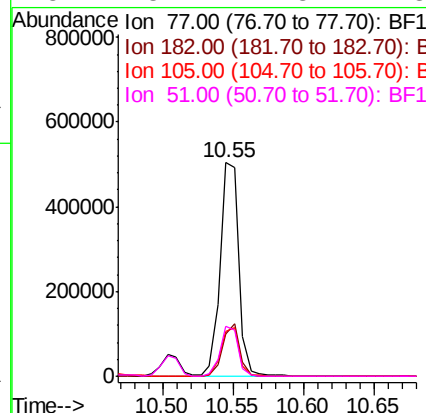
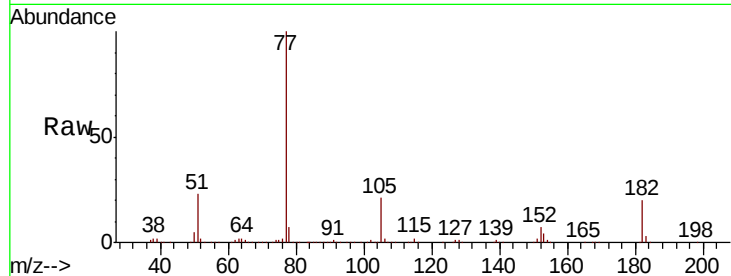
#63
Azobenzene
Concen: 57.765 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	460902		
182	19.7	0.4	40.4	
105	20.9	0.9	40.9	
51	23.2	2.8	42.8	

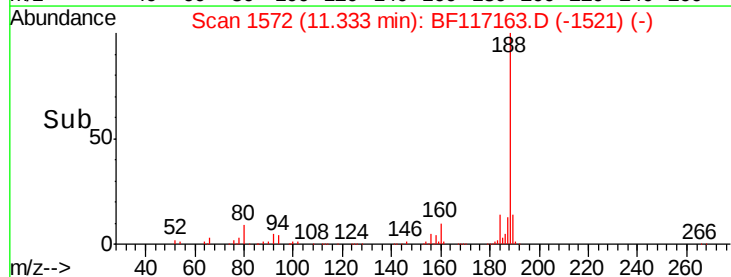
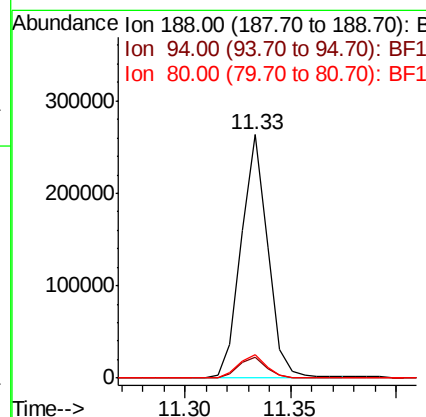
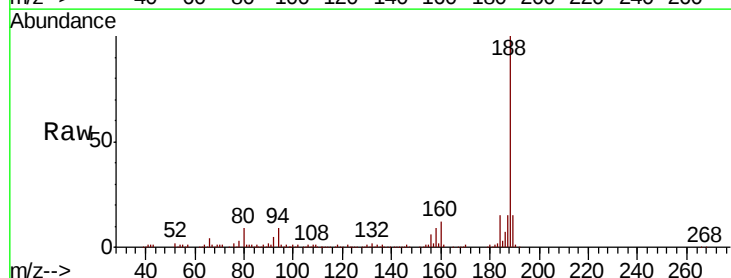
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	229095		
94	8.6	8.2	12.2	
80	9.5	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.500 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1MS

Tot Ion:198 Resp: 48276

Ion Ratio Lower Upper

198 100

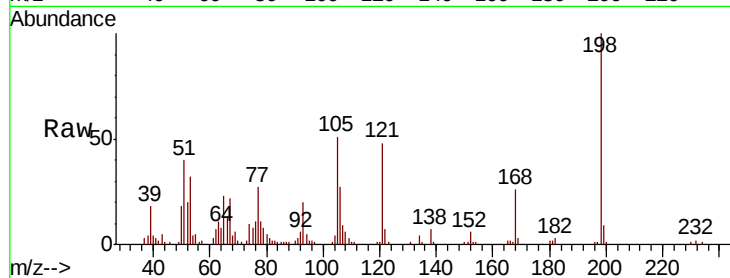
51 39.8 18.7 58.7

105 50.7 30.2 70.2

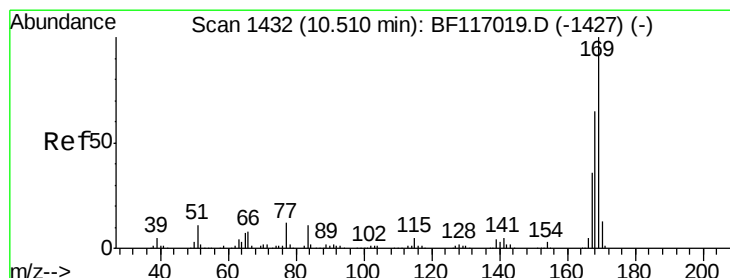
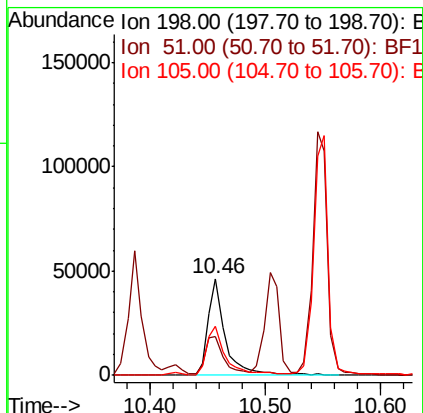
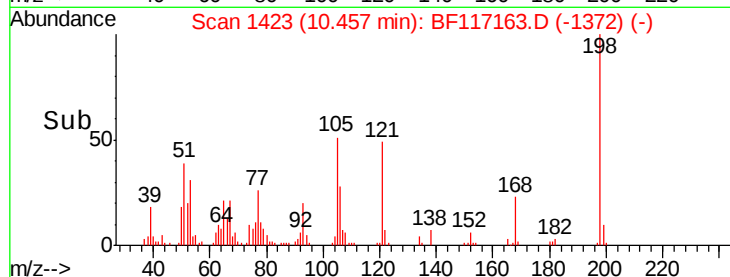
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.747 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

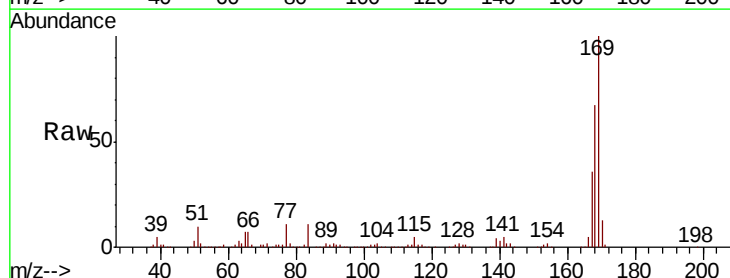
Tgt Ion:169 Resp: 369866

Ion Ratio Lower Upper

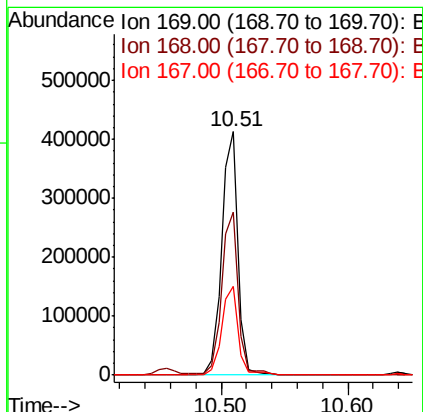
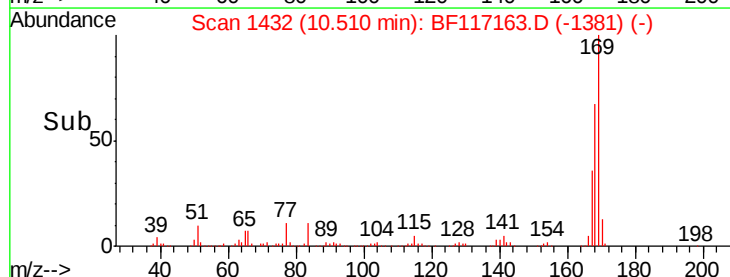
169 100

168 67.1 52.2 78.2

167 36.2 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





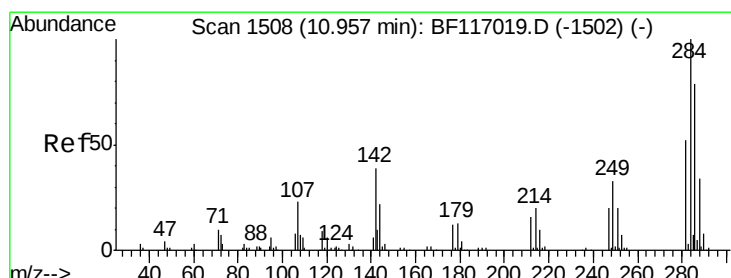
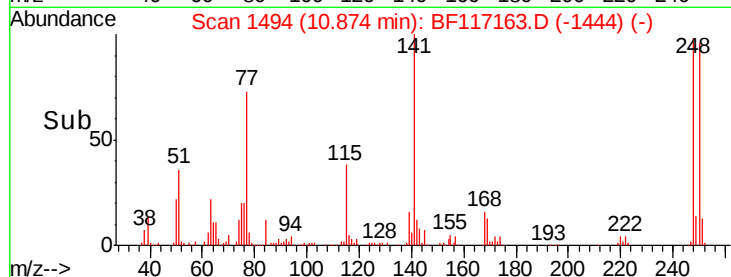
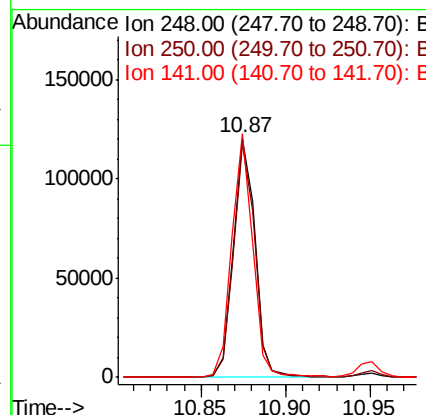
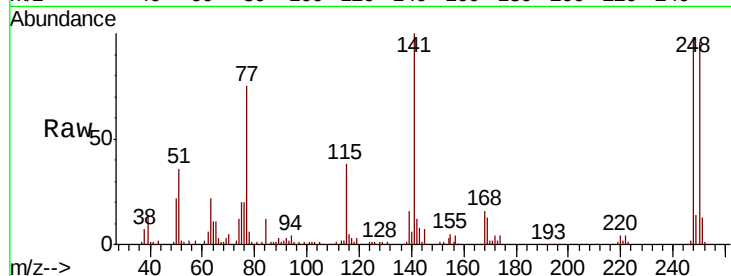
#67
4-Bromophenyl-phenylether
Concen: 45.696 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.2	114.4
141	101.9	75.0	112.4

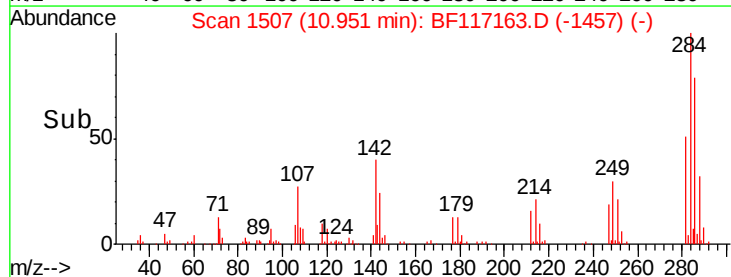
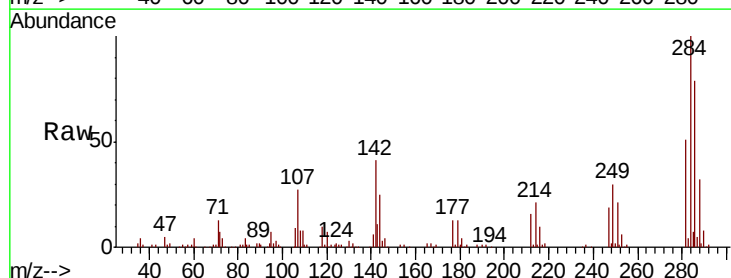
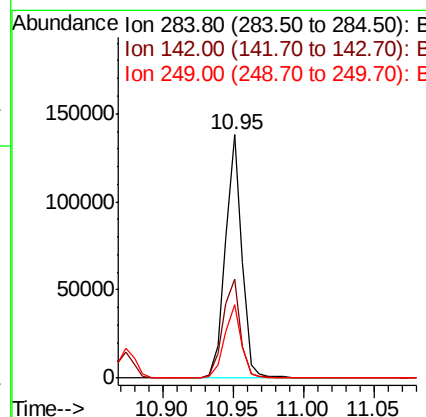
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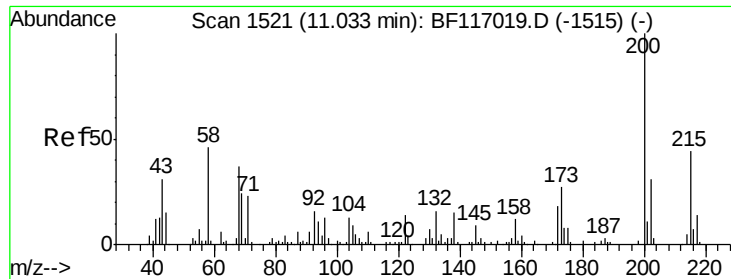
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#68
Hexachlorobenzene
Concen: 43.808 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.9	31.4	47.2
249	30.1	26.5	39.7





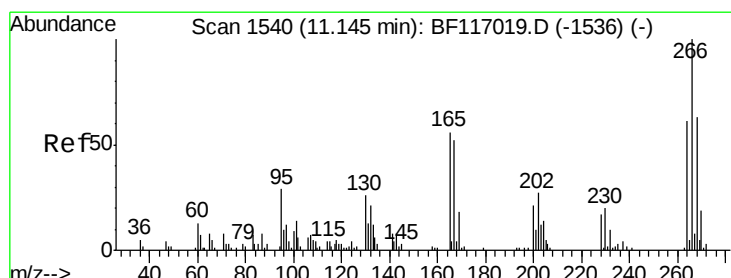
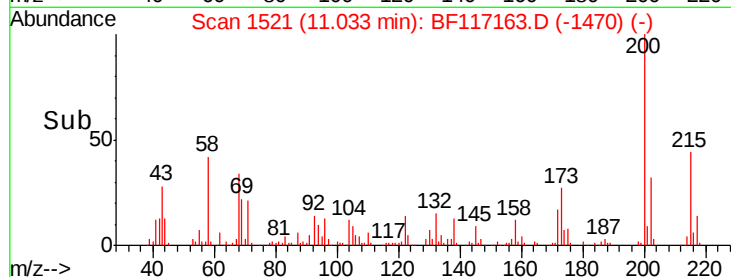
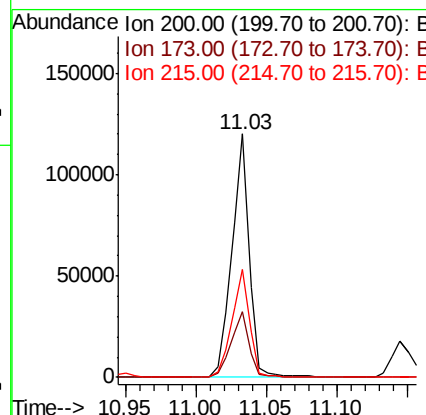
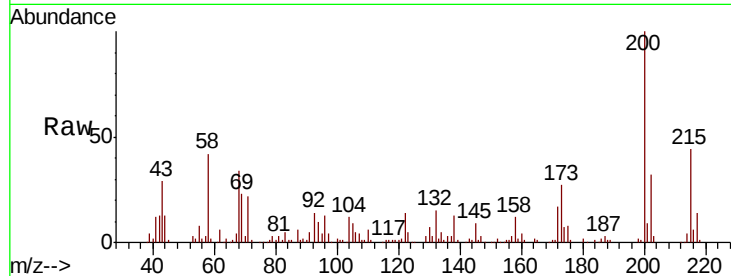
#69
Atrazine
Concen: 55.687 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	44.2	23.8	63.8

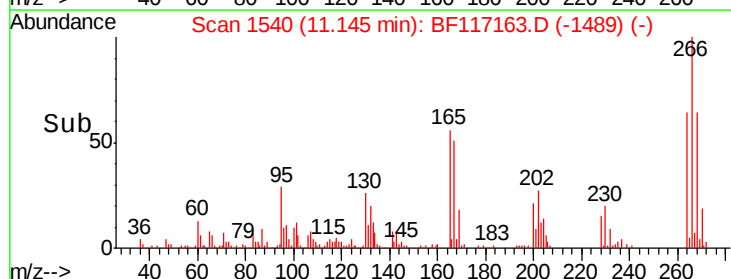
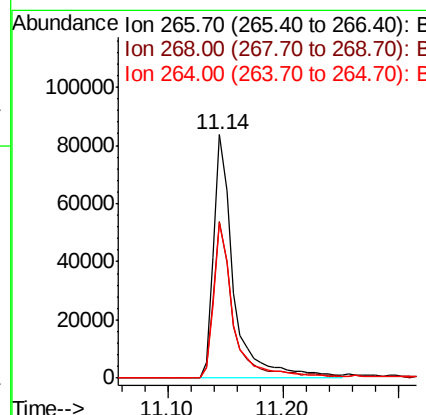
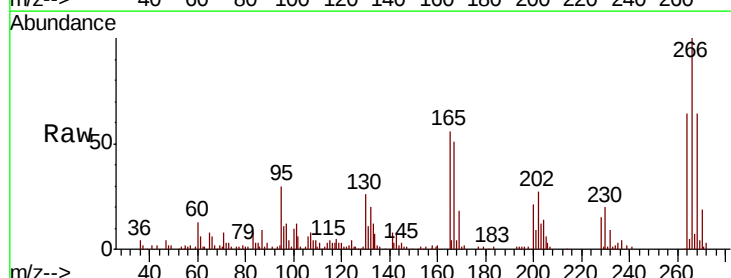
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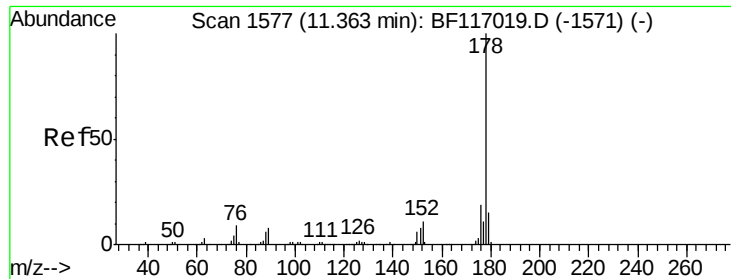
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#70
Pentachlorophenol
Concen: 84.996 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	63.6	48.8	73.2





#71

Phenanthrene

Concen: 45.630 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

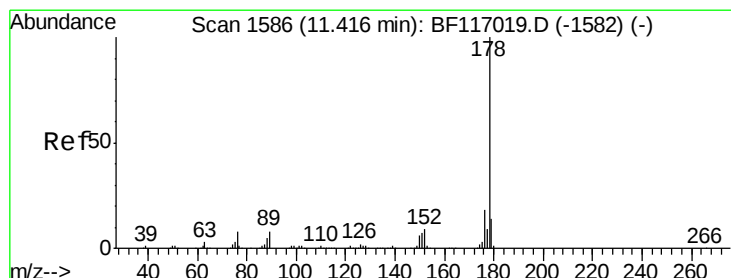
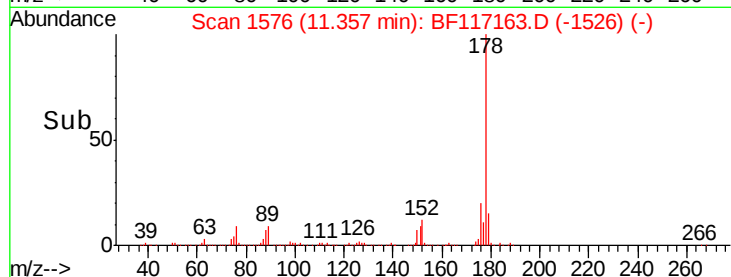
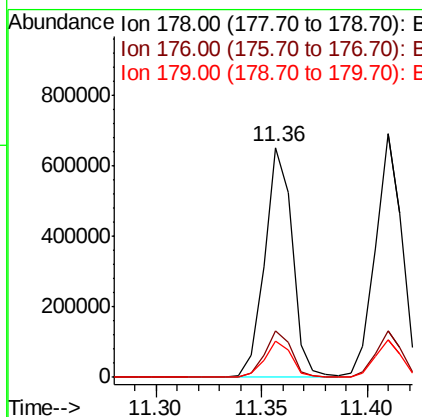
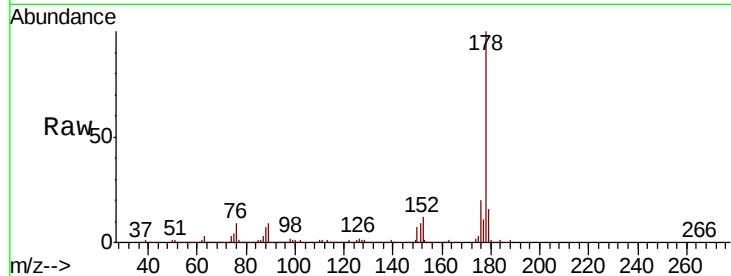
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	178	Resp:	593760
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	15.5	12.4	18.6

Manual Integrations
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#72

Anthracene

Concen: 47.238 ng

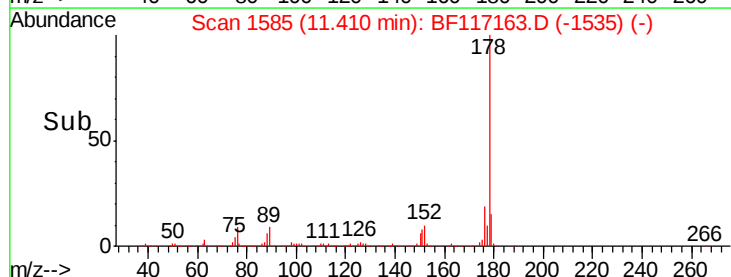
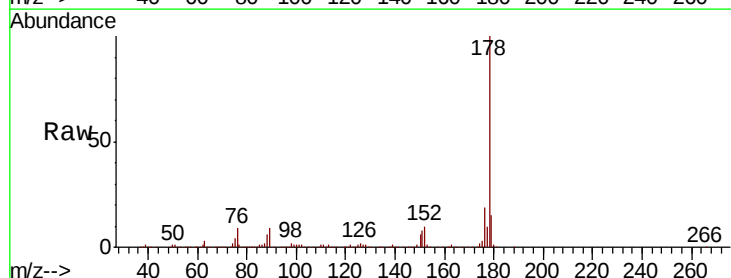
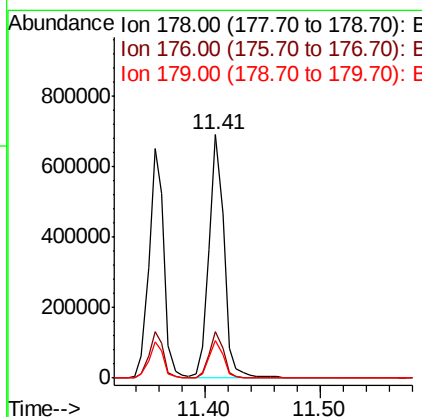
RT: 11.41 min Scan# 1585

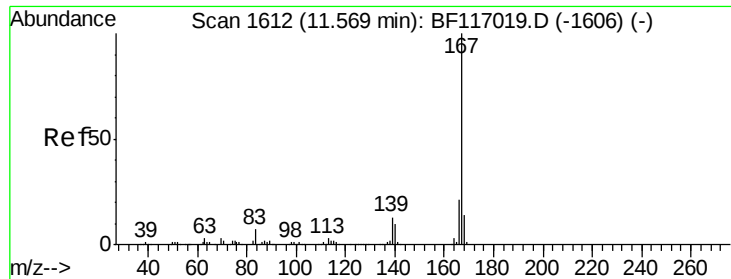
Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	178	Resp:	627542
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.6	21.8
179	15.3	11.6	17.4





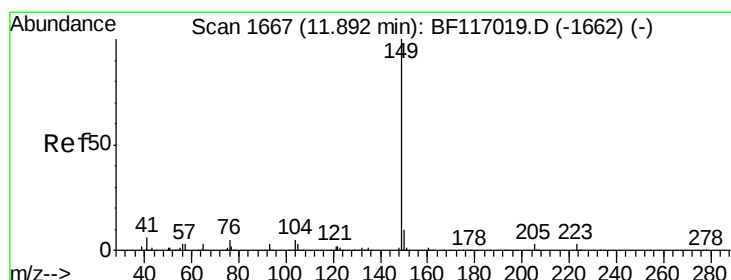
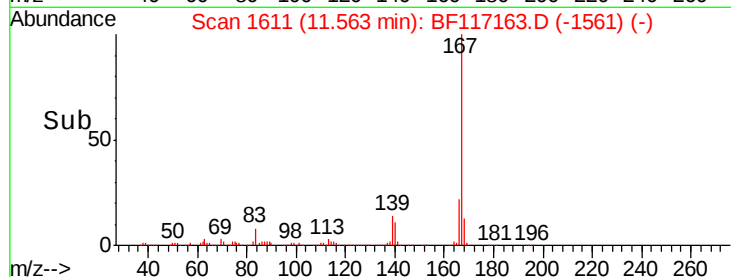
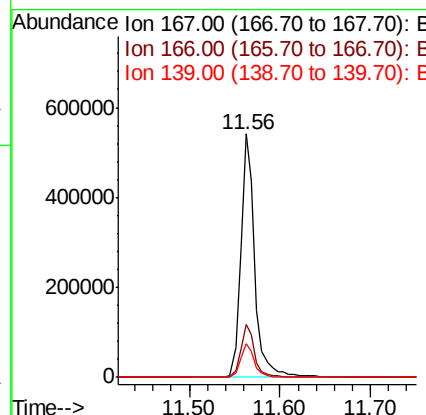
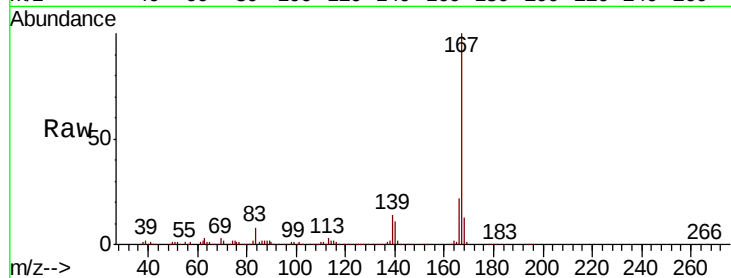
#73
 Carbazole
 Concen: 46.427 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Tot Ion:	167	Resp:	585437
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.2	25.8
139	13.6	10.6	16.0

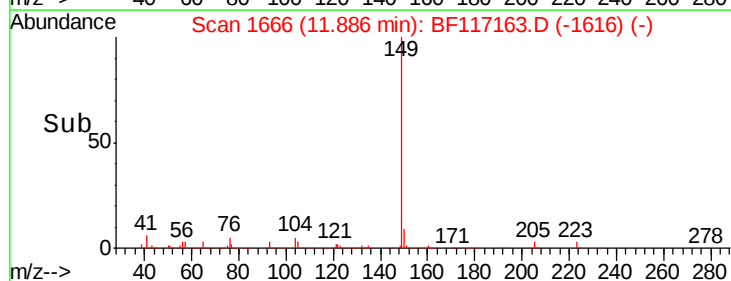
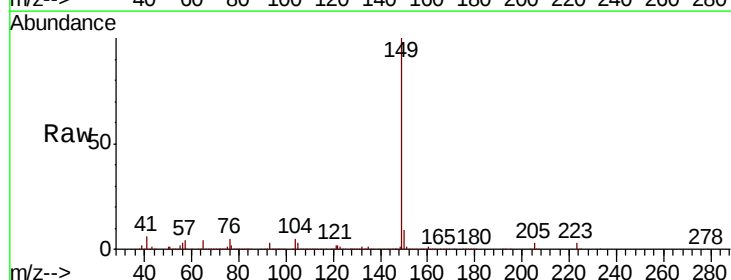
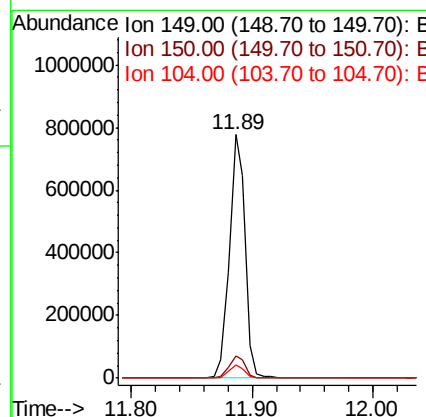
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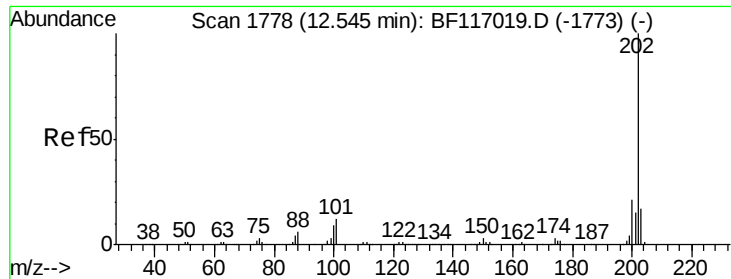
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#74
 Di-n-butylphthalate
 Concen: 46.111 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion:	149	Resp:	691807
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 45.271 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

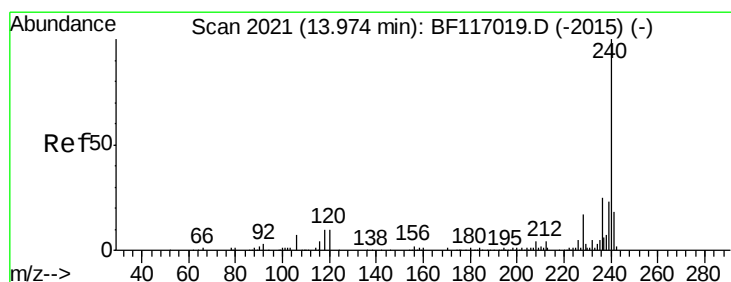
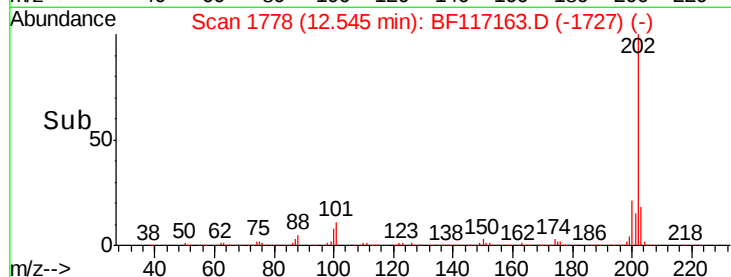
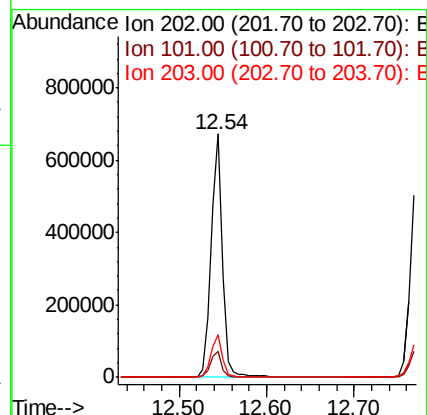
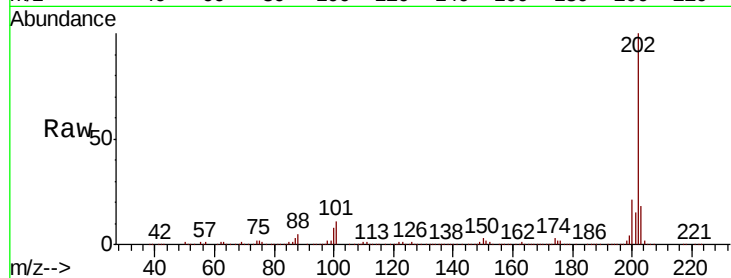
ClientSampleId :

SOIL-COMP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		605291		
101	10.9	0.0	32.3		
203	17.5	0.0	37.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

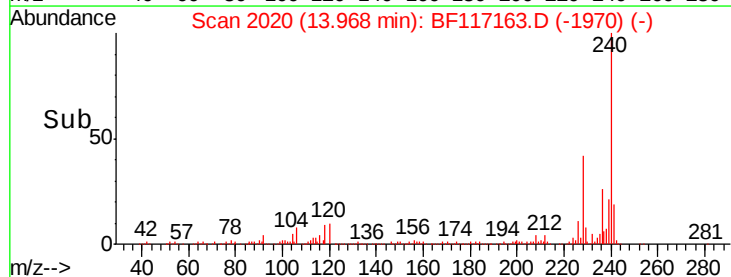
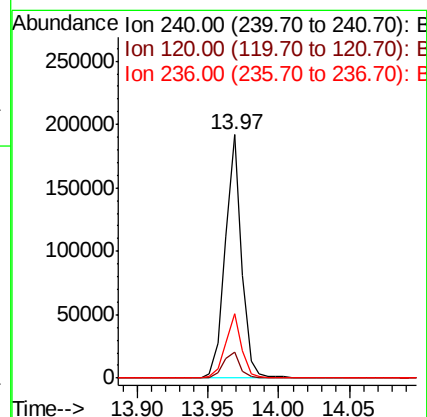
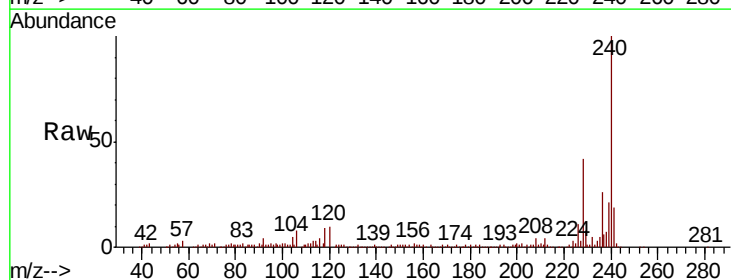
RT: 13.97 min Scan# 2020

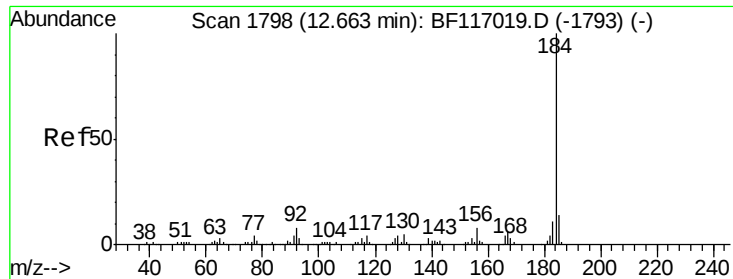
Delta R.T. -0.01 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		155078		
120	10.4	8.3	12.5		
236	26.4	20.3	30.5		





#77

Benzidine

Concen: 39.109 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Instrument :

BNA_F

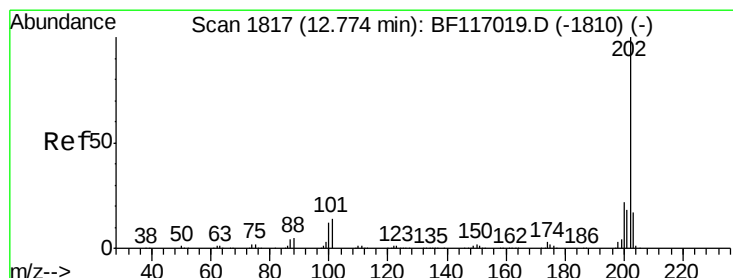
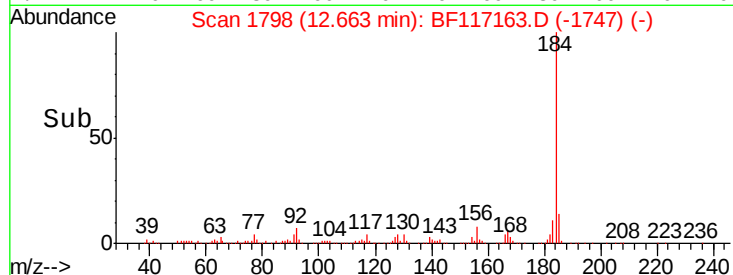
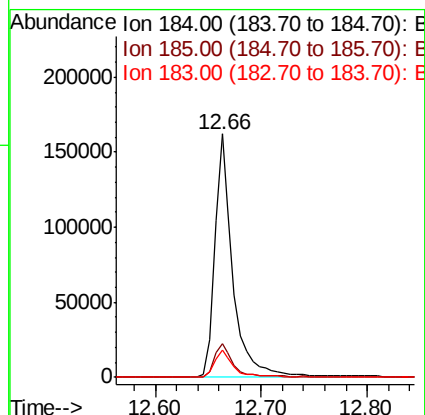
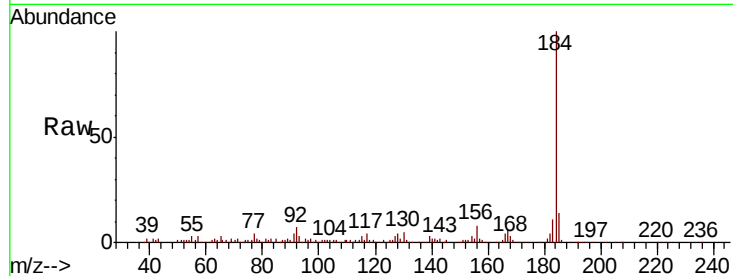
ClientSampleId :

SOIL-COMP-1MS

Tot Ion:	184	Resp:	195368
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.6	17.4
183	11.3	9.0	13.4

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#78

Pyrene

Concen: 47.575 ng

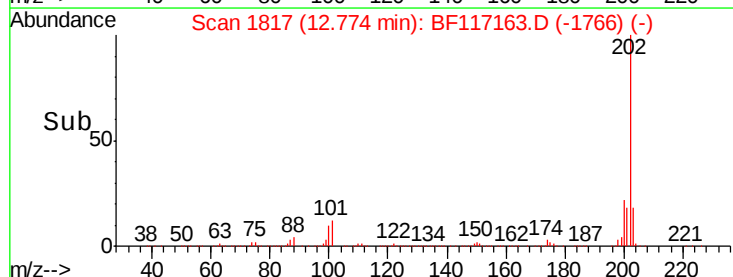
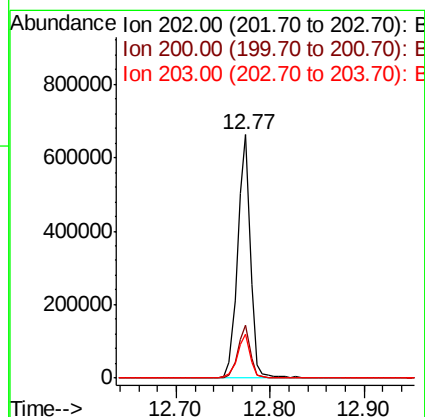
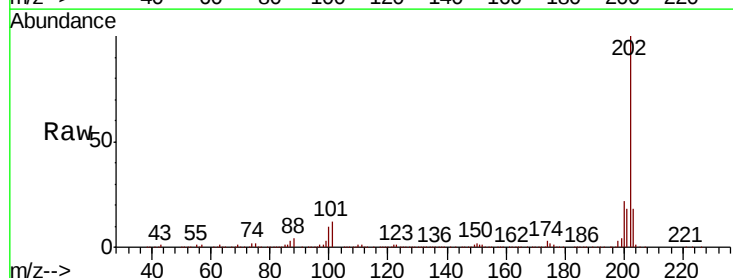
RT: 12.77 min Scan# 1817

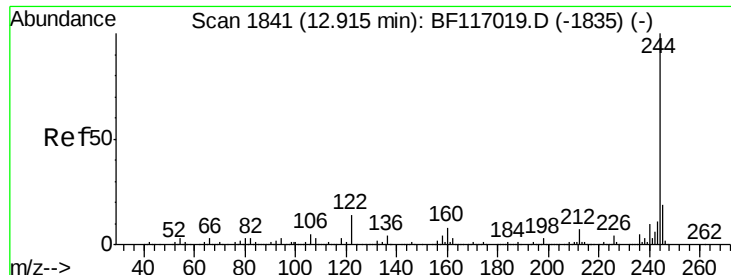
Delta R.T. -0.00 min

Lab File: BF117163.D

Acq: 18 Sep 2019 23:33

Tgt Ion:	202	Resp:	619053
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.2	25.8
203	17.8	14.0	21.0





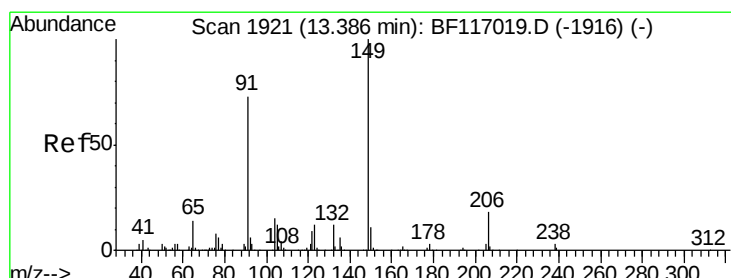
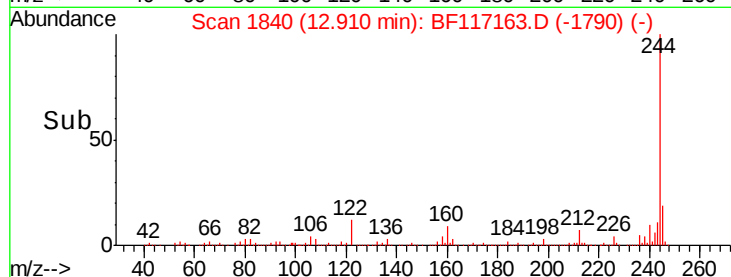
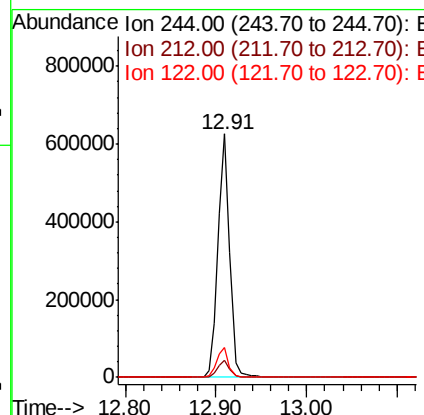
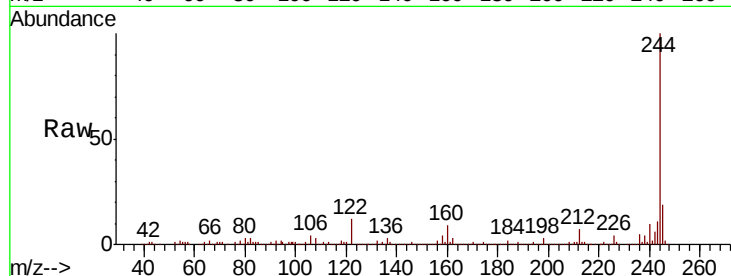
#79
 Terphenyl-d14
 Concen: 68.125 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	565190		
212	7.1	5.8	8.8	
122	12.2	11.3	16.9	

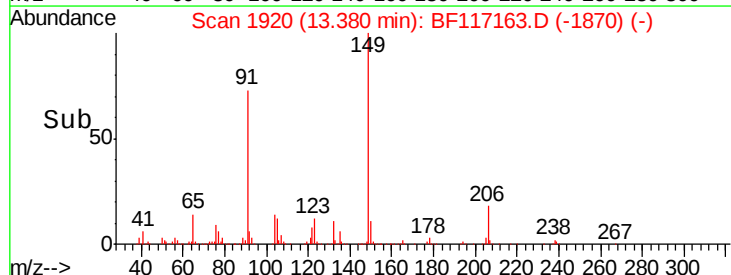
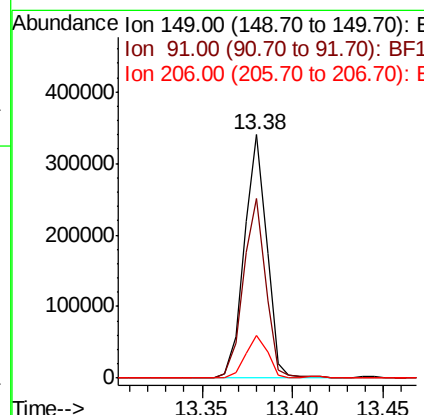
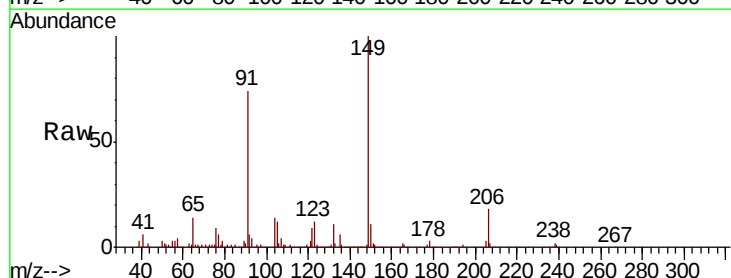
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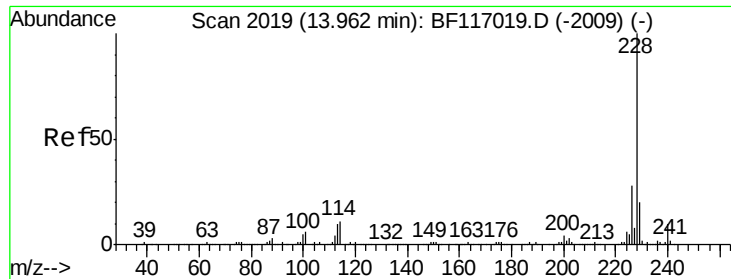
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#80
 Butylbenzylphthalate
 Concen: 47.183 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117163.D
 Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	290103		
91	73.5	58.8	88.2	
206	17.6	14.1	21.1	





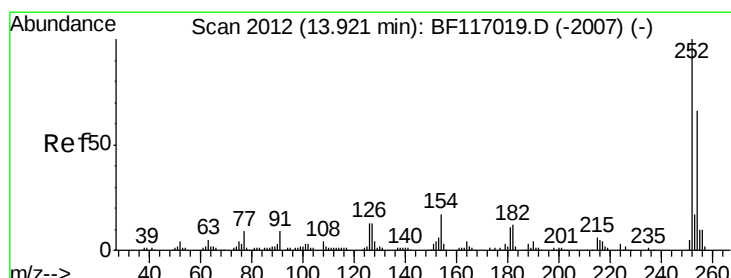
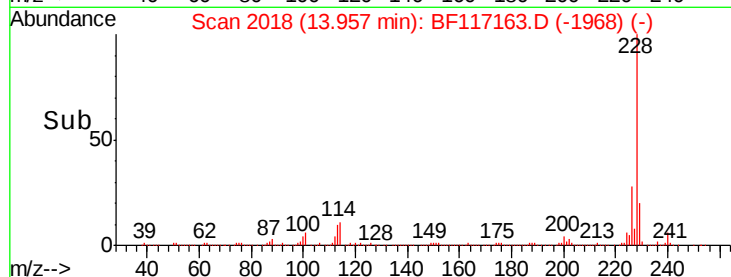
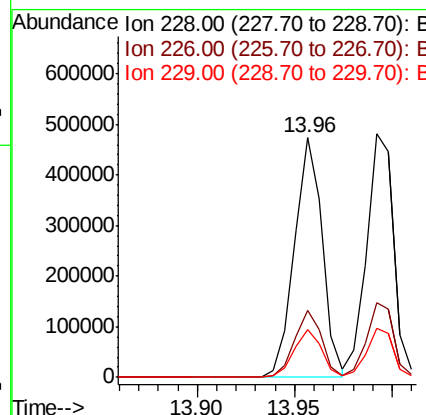
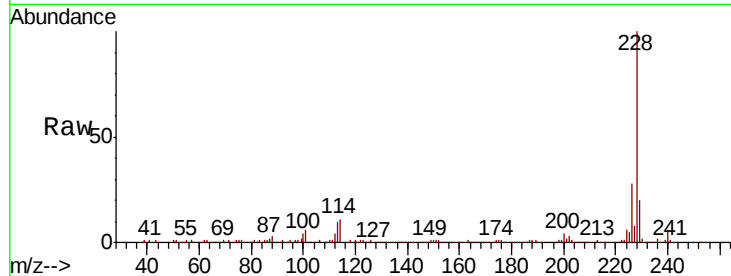
#81
Benzo(a)anthracene
Concen: 44.893 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	19.8	15.9	23.9

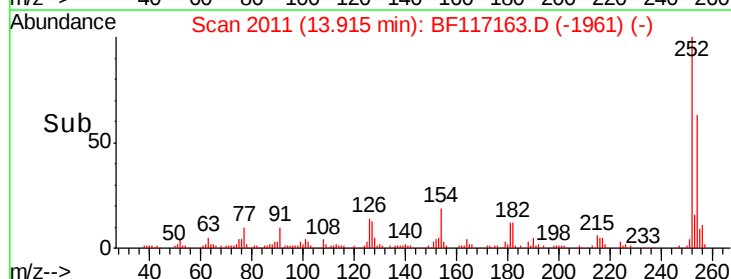
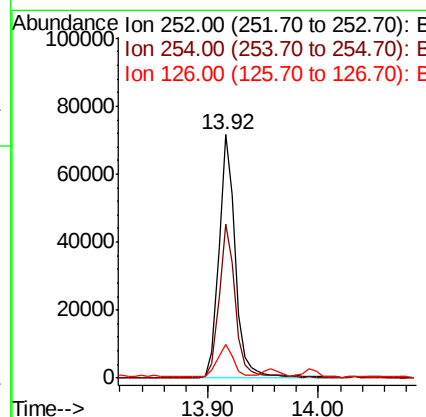
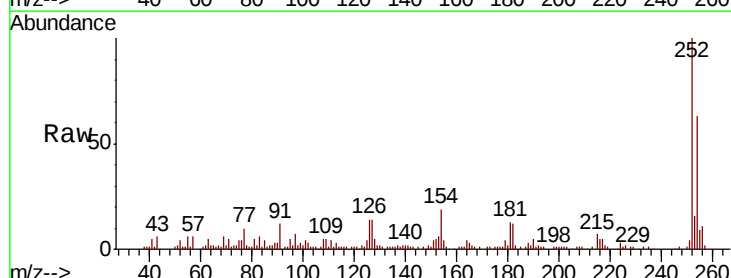
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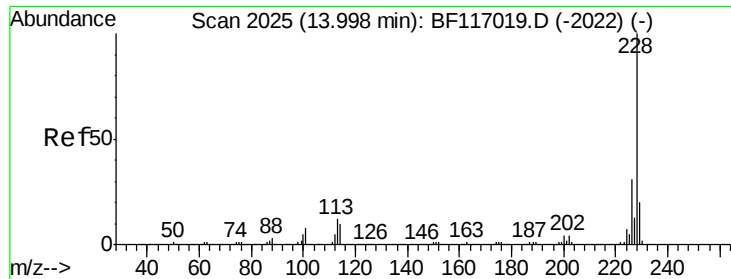
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#82
3,3'-Dichlorobenzidine
Concen: 22.246 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.6	79.0
126	14.1	10.4	15.6





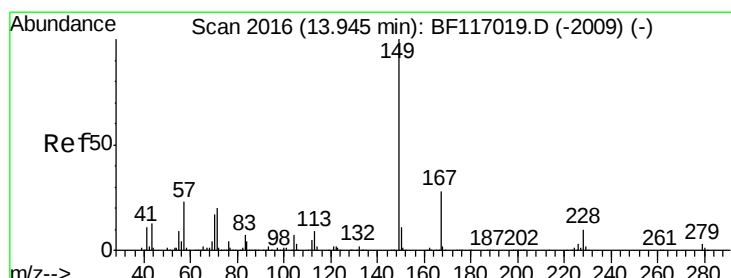
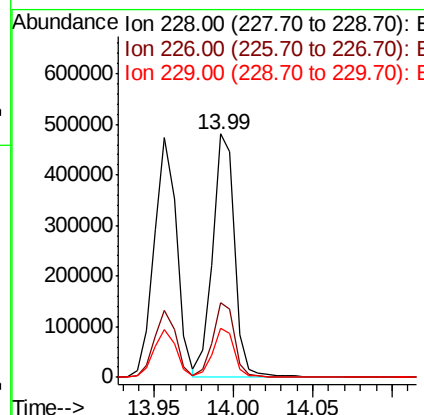
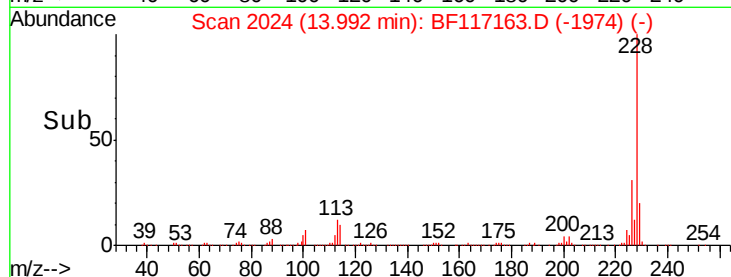
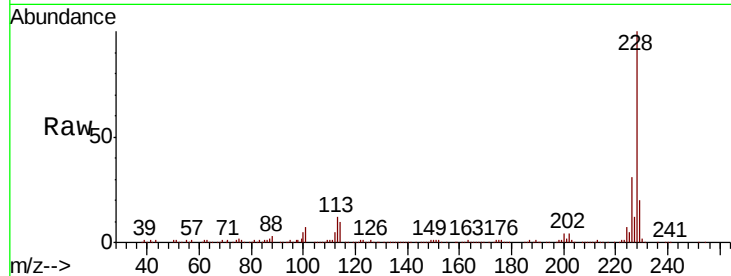
#83
Chrysene
Concen: 46.115 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	20.0	15.8	23.8

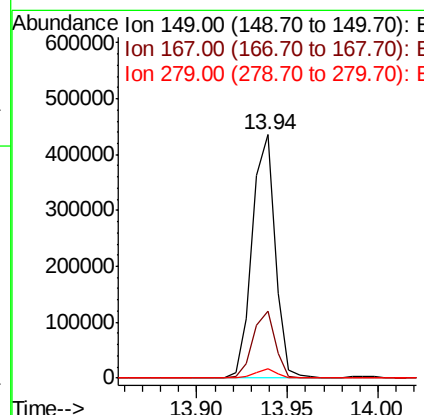
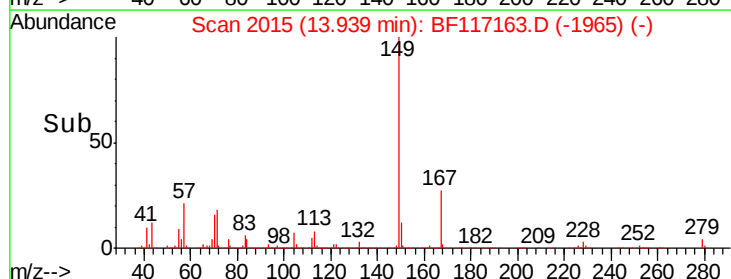
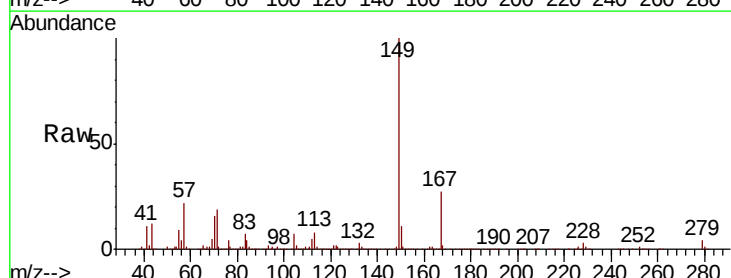
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.462 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	3.7	2.8	4.2





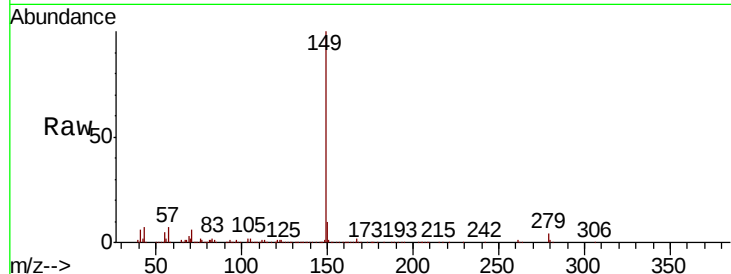
#85
Di-n-octyl phthalate
Concen: 49.413 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

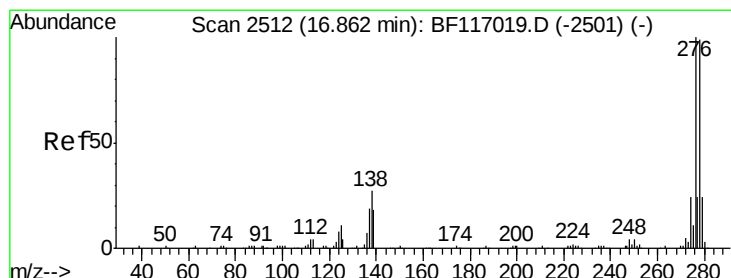
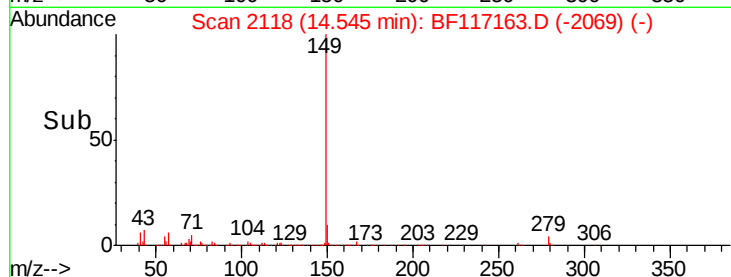
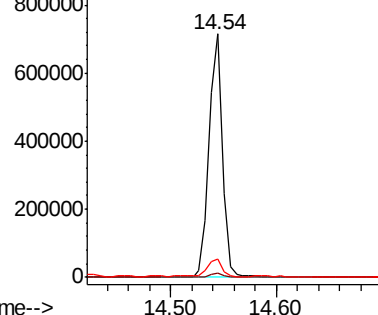
Tot Ion	Ratio	Resp	Lower	Upper
149	100	616549		
167	1.7		1.2	1.8
43	7.5		6.2	9.4

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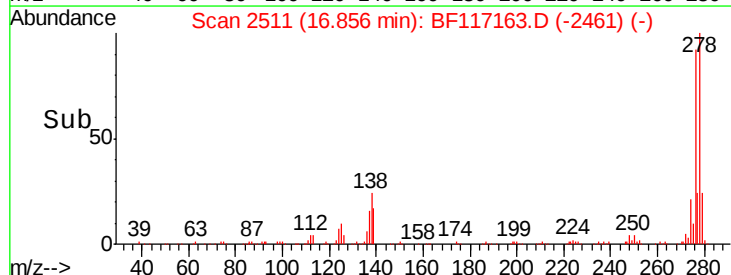
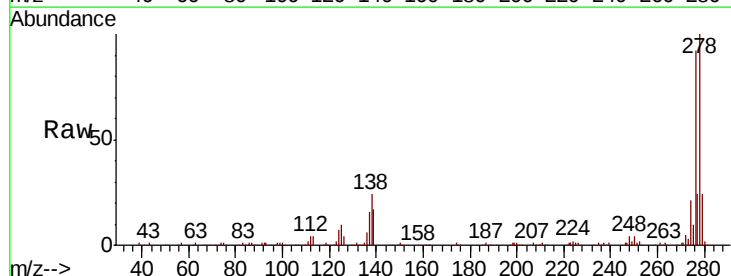
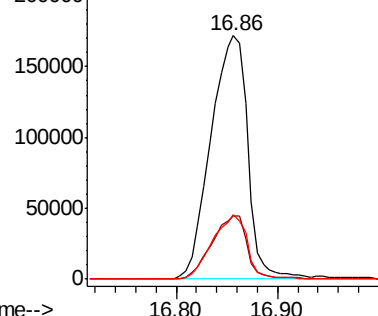
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

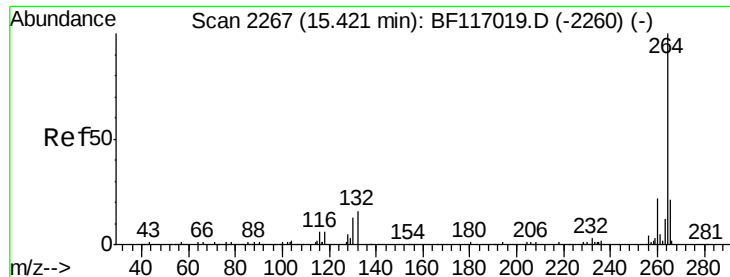


#86
Indeno(1,2,3-cd)pyrene
Concen: 59.048 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	435328		
138	24.9		20.7	31.1
277	25.0		19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





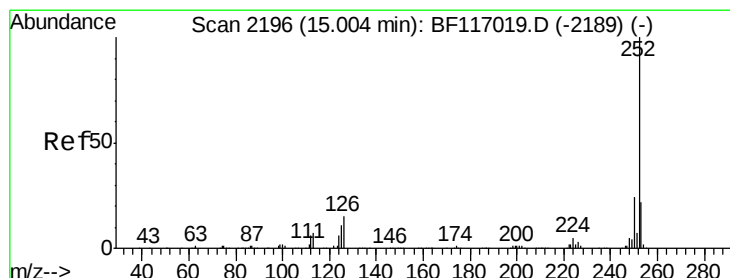
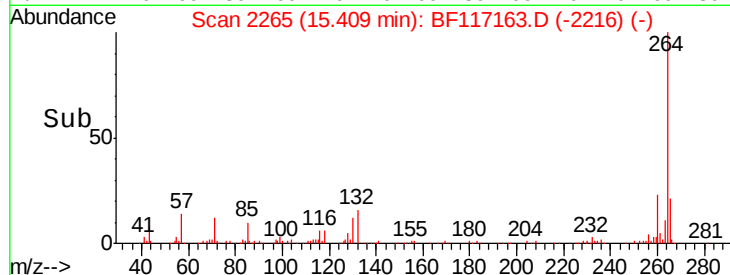
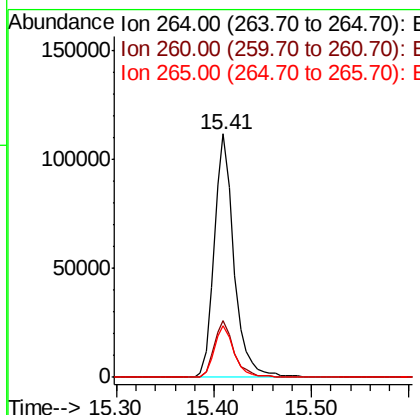
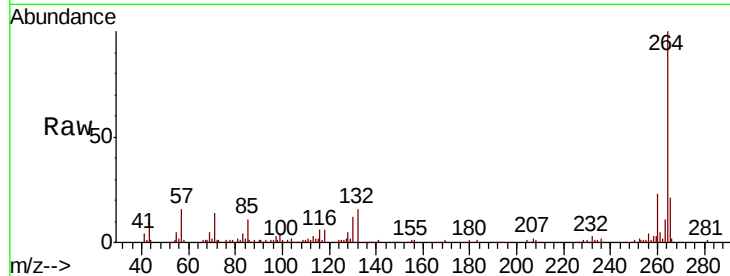
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.6	26.4
265	21.3	16.6	24.8

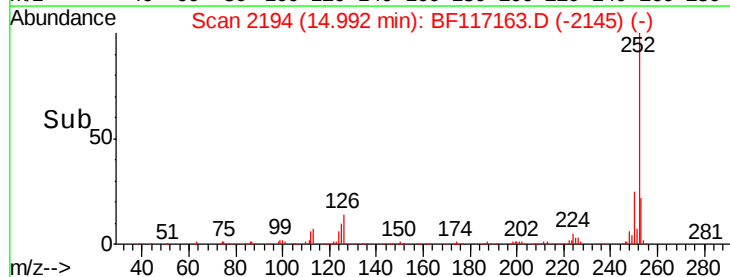
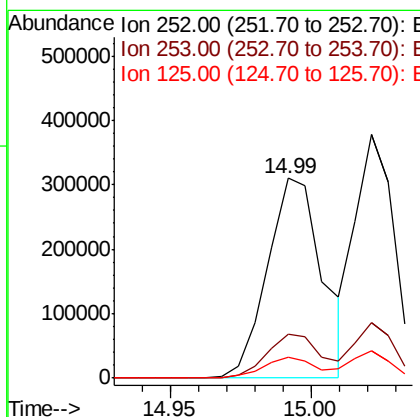
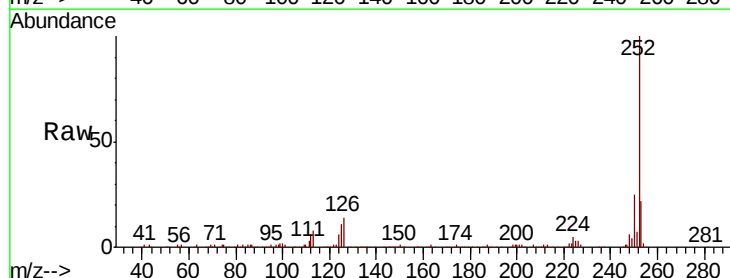
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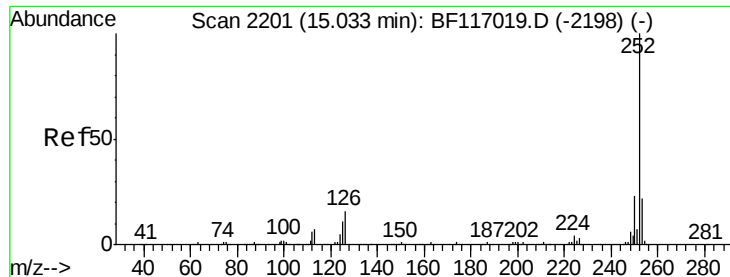
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#88
Benzo(b)fluoranthene
Concen: 44.272 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	8.6	12.8





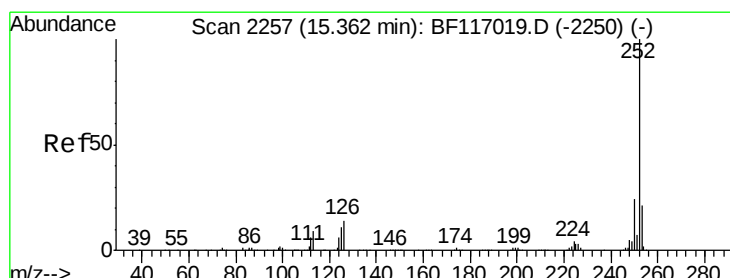
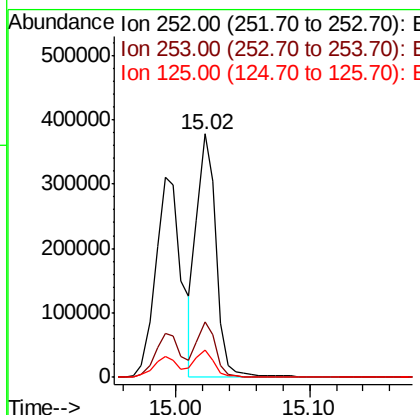
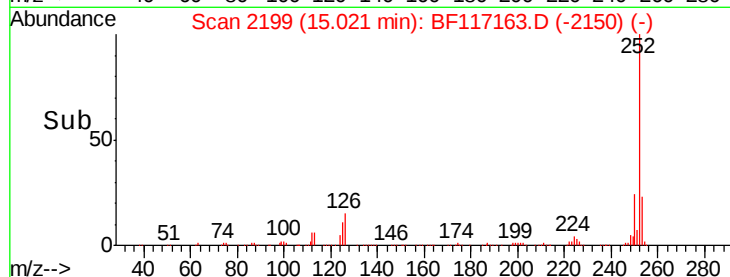
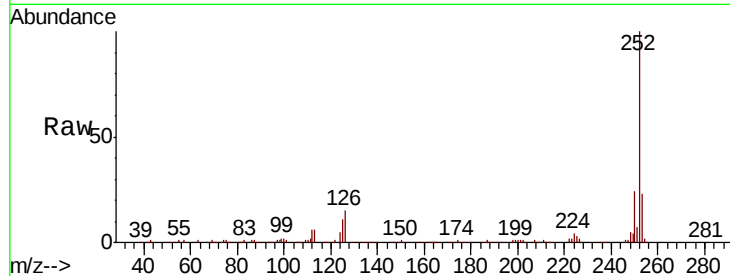
#89
Benzo(k)fluoranthene
Concen: 41.475 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.1	8.8	13.2

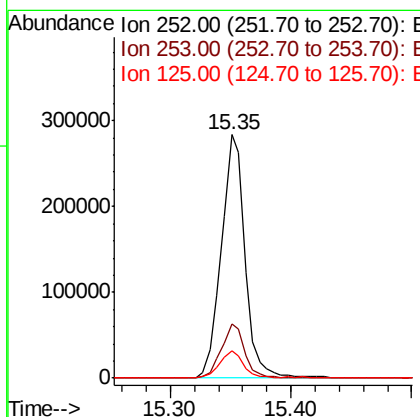
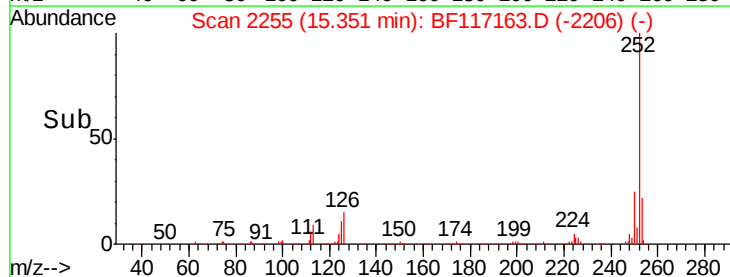
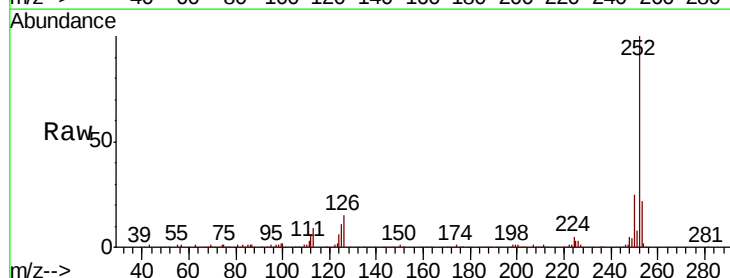
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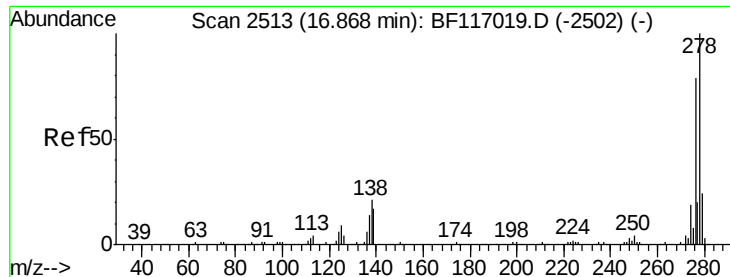
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#90
Benzo(a)pyrene
Concen: 46.237 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	25.0
125	11.2	8.9	13.3





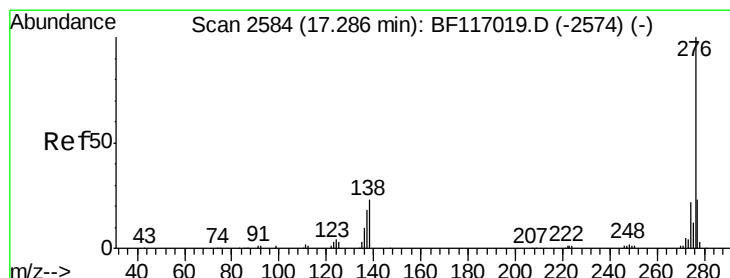
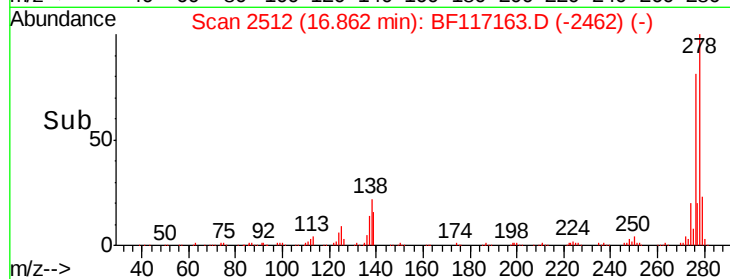
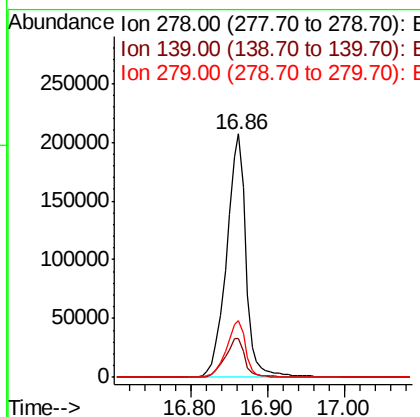
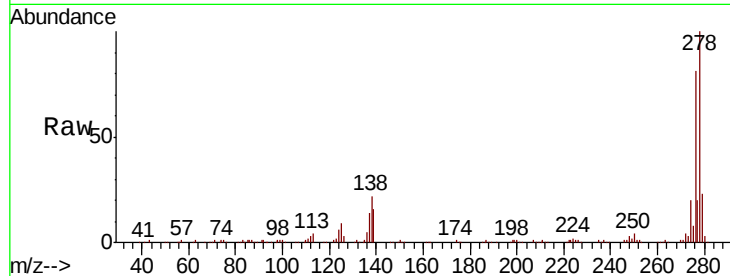
#91
Dibenzo(a,h)anthracene
Concen: 54.940 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.4	18.8	28.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 55.326 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF117163.D
Acq: 18 Sep 2019 23:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	21.7	18.0	27.0

