

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
 Data File : BF112641.D
 Acq On : 20 Feb 2019 14:53
 Operator : JU/SJ
 Sample : K1528-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Manual Integrations
 APPROVED

Sohil
 2/21/2019 10:09:55 AM

Quant Time: Feb 21 10:00:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 20 16:59:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77327	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	290318	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	148305	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	284592	20.00	ng	0.00
76) Chrysene-d12	14.00	240	207257	20.00	ng	0.00
87) Perylene-d12	15.47	264	202337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	139360	38.28	ng	0.02
7) Phenol-d6	6.49	99	203451	40.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	496946	98.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	242567	140.52	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1036949	98.89	ng	0.00
79) Terphenyl-d14	12.93	244	1059195	96.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	30494	21.027	ng	# 89
3) Pyridine	3.33	79	54492m	14.771	ng	
4) n-Nitrosodimethylamine	3.28	42	40597	26.193	ng	83
6) Aniline	6.50	93	180918	30.064	ng	# 94
8) 2-Chlorophenol	6.63	128	184858	37.746	ng	98
9) Benzaldehyde	6.37	77	890305	336.719	ng	# 1
10) Phenol	6.50	94	82321	14.833	ng	# 7
11) bis(2-Chloroethyl)ether	6.58	93	209815	48.019	ng	96
12) 1,3-Dichlorobenzene	6.77	146	253628	44.468	ng	97
13) 1,4-Dichlorobenzene	6.85	146	263513	44.892	ng	98
14) 1,2-Dichlorobenzene	7.01	146	217187m	39.519	ng	
15) Benzyl Alcohol	6.98	79	132044	30.965	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249603	44.491	ng	# 1
17) 2-Methylphenol	7.10	107	123083	31.704	ng	# 22
18) Hexachloroethane	7.36	117	534932	259.517	ng	# 1
19) n-Nitroso-di-n-propylamine	7.24	70	168426	48.285	ng	98
20) 3+4-Methylphenols	7.26	107	151410	30.498	ng	# 65
22) Acetophenone	7.24	105	306839	43.405	ng	# 92
24) Nitrobenzene	7.42	77	288255	57.284	ng	97
25) Isophorone	7.65	82	436407	55.211	ng	99
26) 2-Nitrophenol	7.73	139	122535	45.566	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	169086	45.637	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	271350	50.417	ng	97
29) 2,4-Dichlorophenol	7.99	162	181990	43.893	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	225395	47.293	ng	98
31) Naphthalene	8.15	128	5107953	376.234	ng	96
32) Benzoic acid	7.96	122	205116	97.053	ng	99
33) 4-Chloroaniline	8.19	127	196368	33.218	ng	100
34) Hexachlorobutadiene	8.24	225	130470	46.651	ng	99
35) Caprolactam	8.68	113	13492	9.224	ng	# 82
36) 4-Chloro-3-methylphenol	8.67	107	176302	40.167	ng	93
37) 2-Methylnaphthalene	8.82	142	1386002	149.125	ng	# 95
38) 1-Methylnaphthalene	8.92	142	829292	93.091	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	222941	45.784	ng	98

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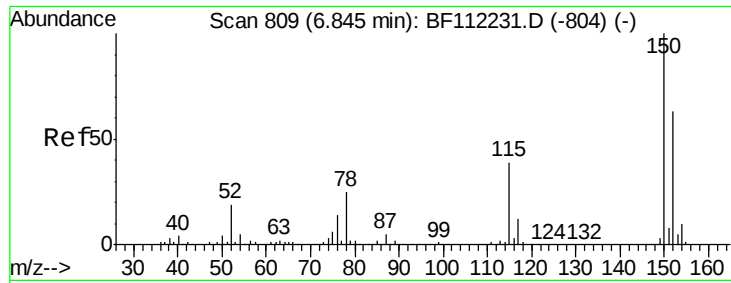
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	96046	55.366	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	134512	44.814	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	138098	44.022	nq	95
46) 1,1'-Biphenyl	9.28	154	611280	47.147	nq	98
47) 2-Chloronaphthalene	9.31	162	462914	46.042	nq	95
48) 2-Nitroaniline	9.42	65	130978	47.796	nq	95
49) Acenaphthylene	9.72	152	736994	50.011	nq	98
50) Dimethylphthalate	9.58	163	556013	48.254	nq	99
51) 2,6-Dinitrotoluene	9.65	165	123664	47.921	nq #	73
52) Acenaphthene	9.89	154	430726	48.928	nq	98
53) 3-Nitroaniline	9.83	138	75570	27.030	nq	88
54) 2,4-Dinitrophenol	9.96	184	80327	96.991	nq	92
55) Dibenzofuran	10.07	168	643896	47.864	nq	95
56) 4-Nitrophenol	10.07	139	292612	197.966	nq #	17
57) 2,4-Dinitrotoluene	10.07	165	161294	49.096	nq #	68
58) Fluorene	10.41	166	533917	53.036	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	104528	44.093	nq #	89
60) Diethylphthalate	10.27	149	583278	51.009	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	258900	47.278	nq	96
62) 4-Nitroaniline	10.45	138	103982	37.919	nq	90
63) Azobenzene	10.56	77	496221	49.342	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	58266	36.517	nq	93
66) n-Nitrosodiphenylamine	10.52	169	460296	47.990	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	155081	46.331	nq	98
68) Hexachlorobenzene	10.97	284	168994	47.058	nq	97
69) Atrazine	11.05	200	133513	43.140	nq	95
70) Pentachlorophenol	11.17	266	112569	80.560	nq	98
71) Phenanthrene	11.37	178	756368	51.121	nq	98
72) Anthracene	11.43	178	781987	53.058	nq	99
73) Carbazole	11.59	167	652290	44.868	nq	98
74) Di-n-butylphthalate	11.90	149	916279	50.777	nq	98
75) Fluoranthene	12.57	202	747444	47.101	nq	97
78) Pyrene	12.80	202	737853	51.421	nq	98
80) Butylbenzylphthalate	13.39	149	360487	51.925	nq #	90
81) Benzo(a)anthracene	13.99	228	617299	50.666	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	17211	3.775	nq	97
83) Chrysene	14.03	228	586410	50.423	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	518414	52.606	nq	98
85) Di-n-octyl phthalate	14.56	149	837209	55.218	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	674627	73.207	nq	96
88) Benzo(b)fluoranthene	15.04	252	608940	50.323	nq	99
89) Benzo(k)fluoranthene	15.07	252	549587	47.416	nq	99
90) Benzo(a)pyrene	15.41	252	562397	51.652	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	562972	64.155	nq	99
92) Benzo(g,h,i)perylene	17.42	276	561609	67.835	nq	95

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



#1

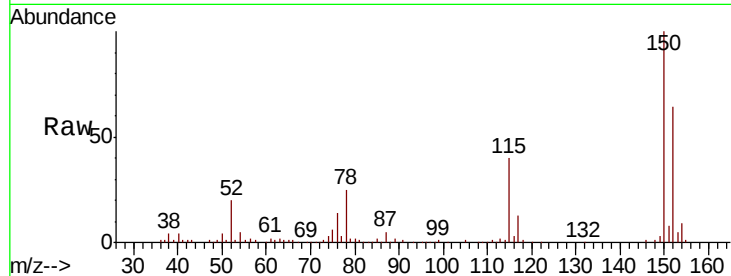
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	62.2	45.5	68.3

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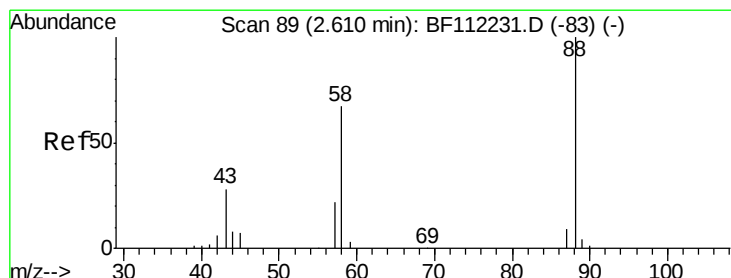
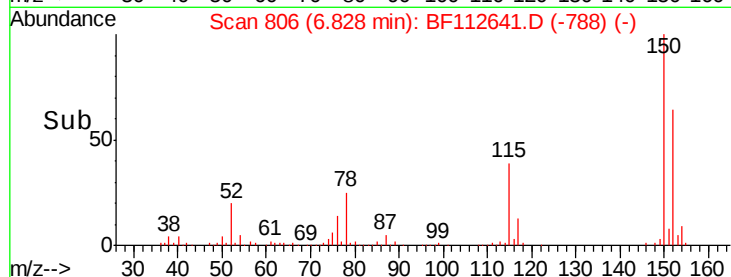
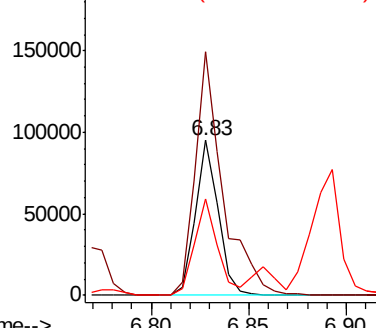


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

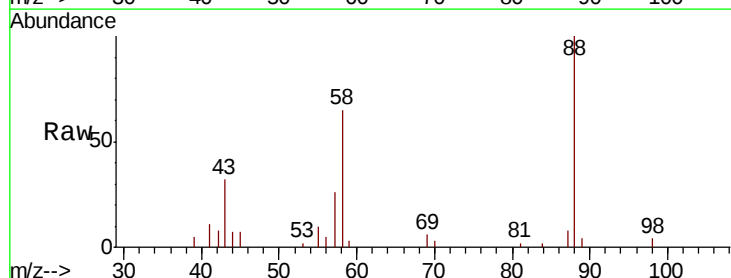
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.027 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	57.4	86.2
43	39.2	22.2	33.4

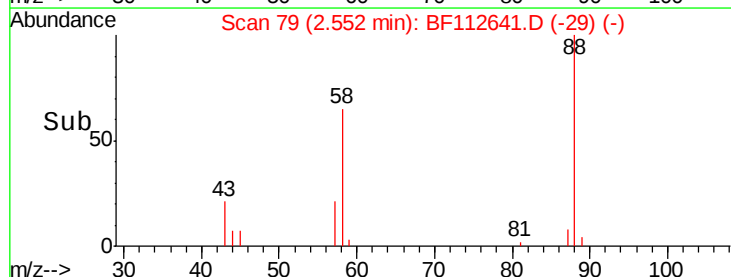
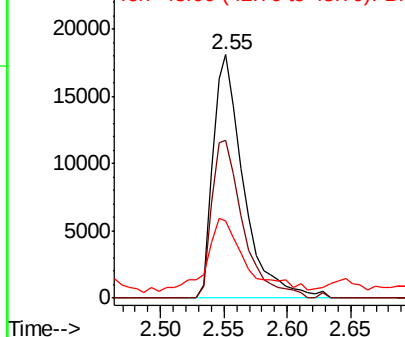


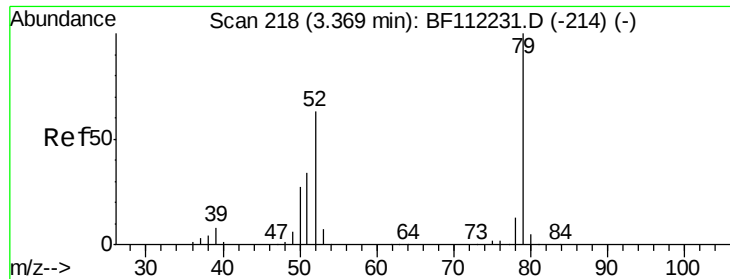
Abundance

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: 14.771 ng/ml

RT: 3.33 min Scan# 212

Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

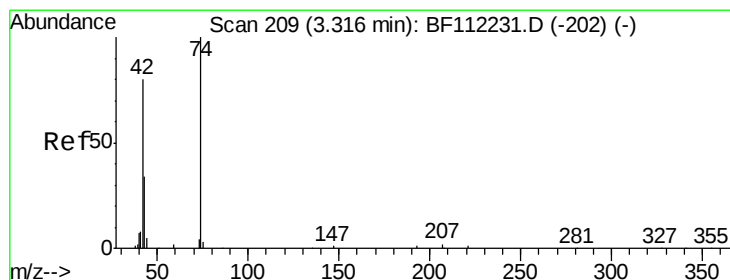
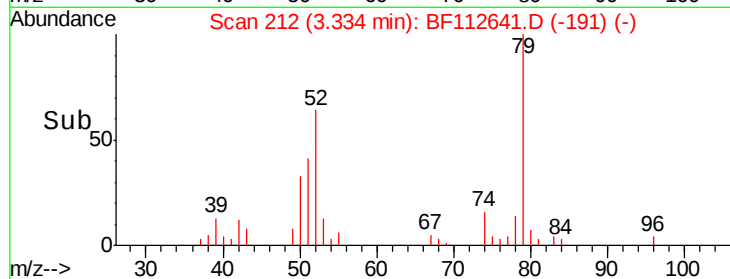
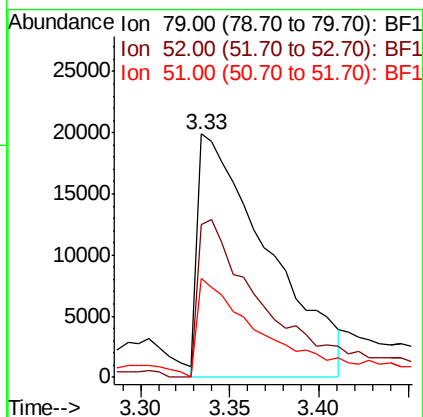
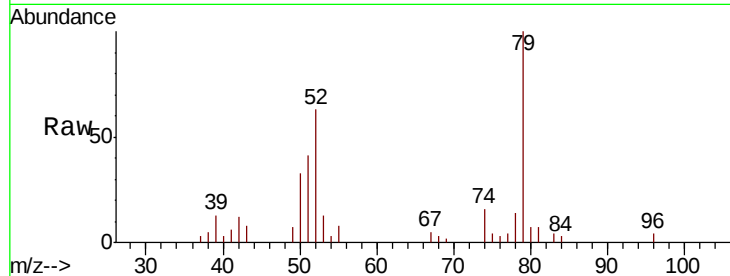
ClientSampleId :

MW-1MSD

Tot Ion:	79	Resp:	54492
Ion Ratio	Lower	Upper	
79	100		
52	62.6	52.4	78.6
51	40.7	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 26.193 ng/ml

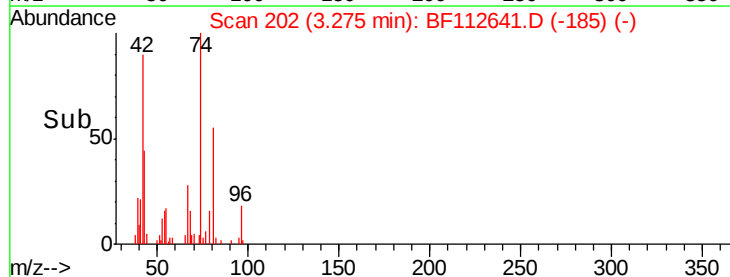
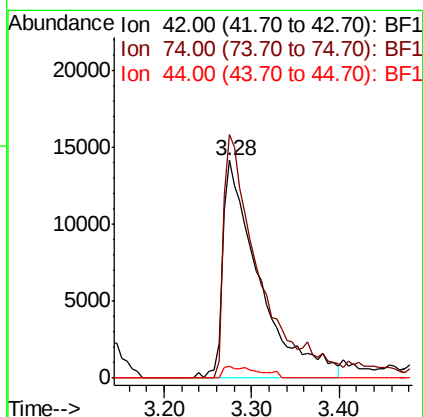
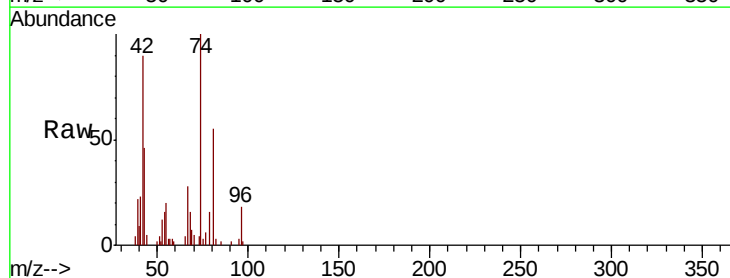
RT: 3.28 min Scan# 202

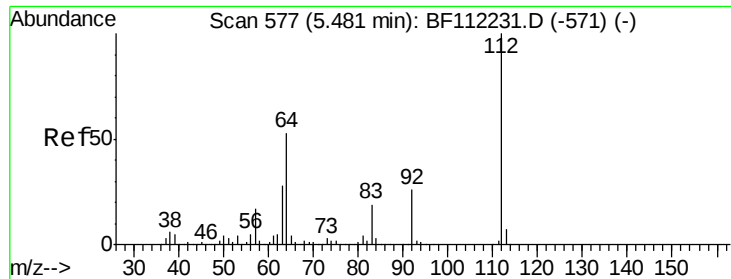
Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	42	Resp:	40597
Ion Ratio	Lower	Upper	
42	100		
74	111.7	105.6	158.4
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 38.280 ng

RT: 5.48 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

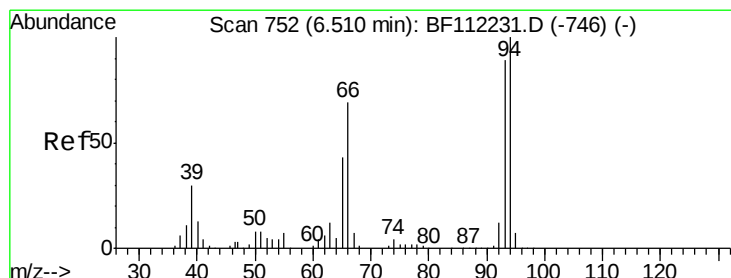
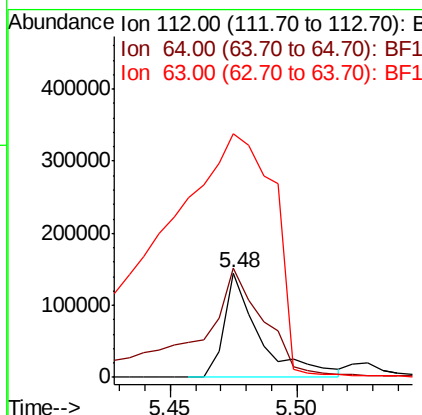
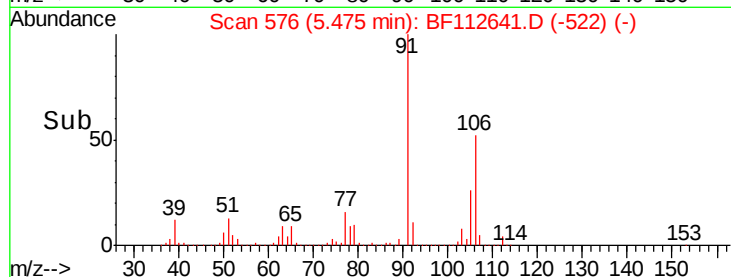
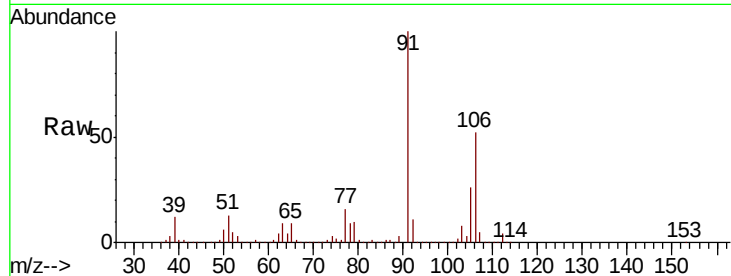
ClientSampled :

MW-1MSD

Tot Ion:	112	Resp:	139360
Ion Ratio	Lower	Upper	
112	100		
64	104.2	45.7	68.5#
63	233.2	23.6	35.4#

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#6

Aniline

Concen: 30.064 ng

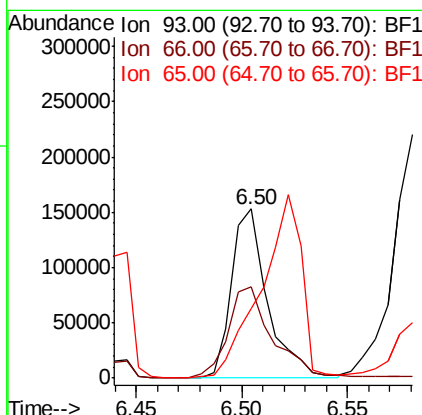
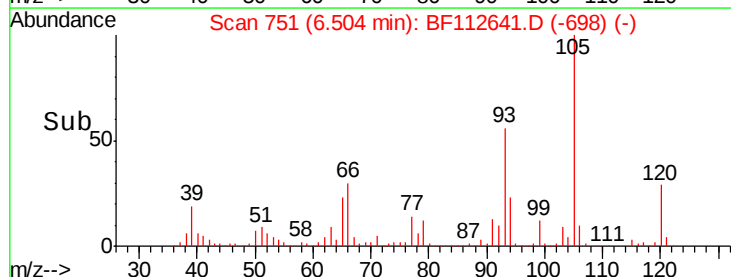
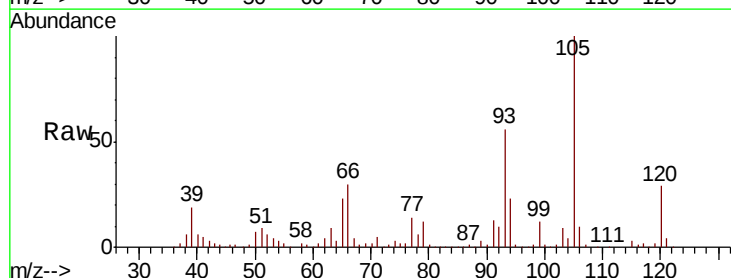
RT: 6.50 min Scan# 751

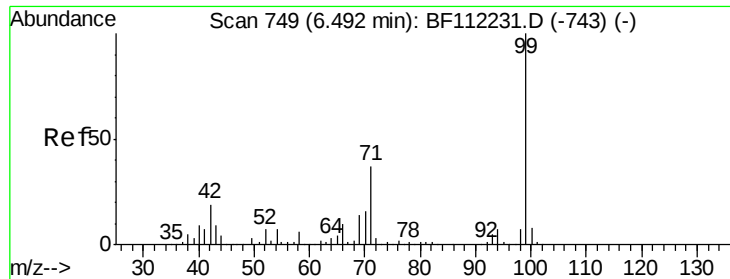
Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	93	Resp:	180918
Ion Ratio	Lower	Upper	
93	100		
66	54.1	43.4	65.2
65	40.9	25.3	37.9#





#7

Phenol-d6

Concen: 40.218 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

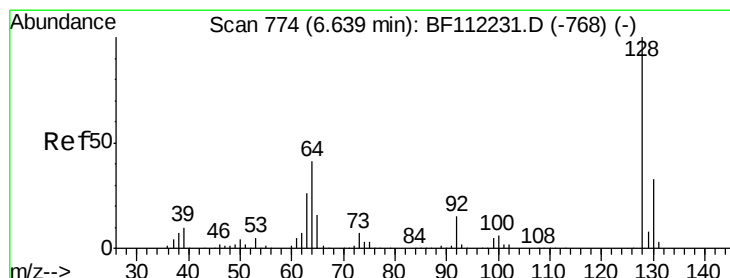
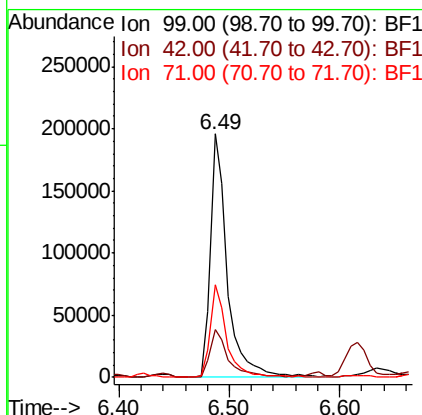
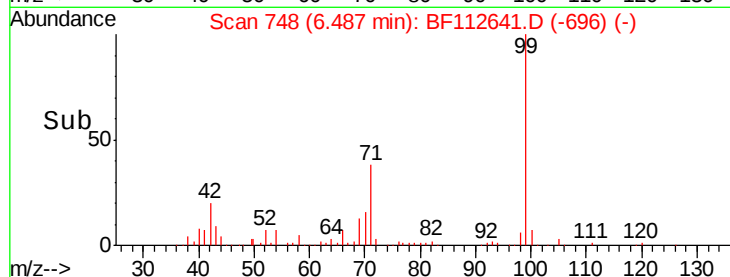
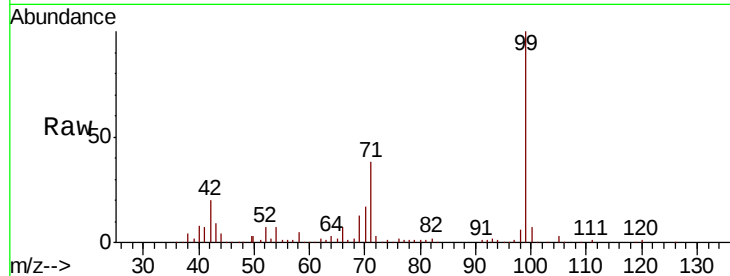
ClientSampled :

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Tot Ion:	99	Resp:	203451
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.1	22.7
71	38.0	26.9	40.3

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#8

2-Chlorophenol

Concen: 37.746 ng

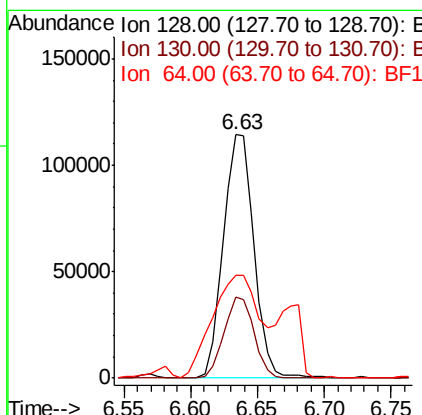
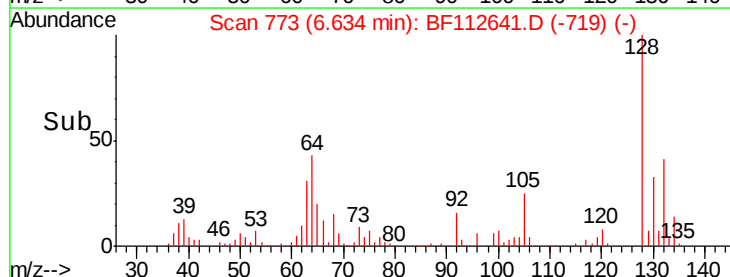
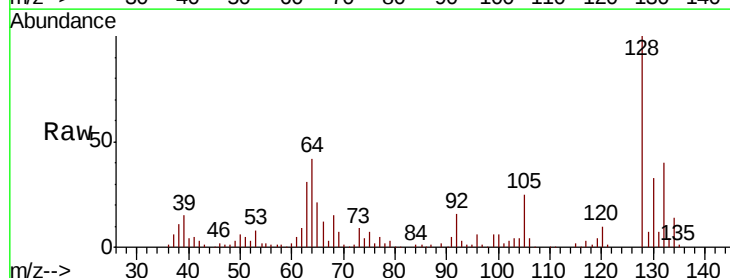
RT: 6.63 min Scan# 773

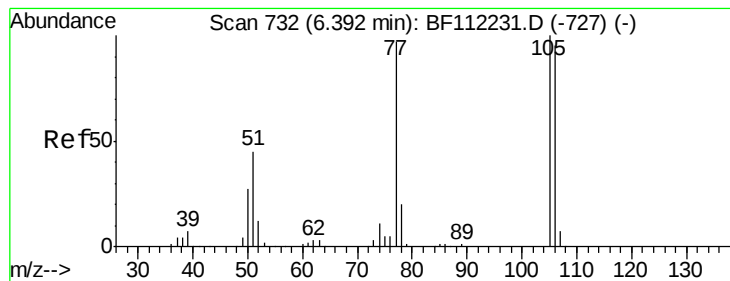
Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	128	Resp:	184858
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.4	53.4
64	42.3	20.5	60.5





#9

Benzaldehyde

Concen: 336.719 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

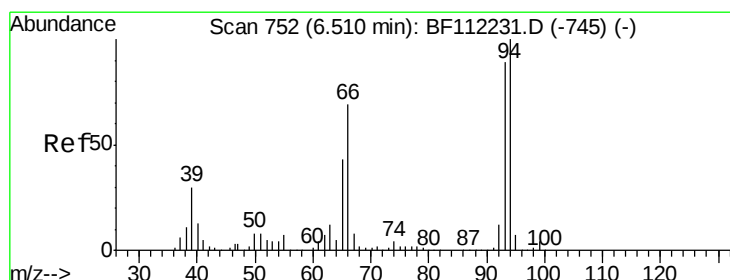
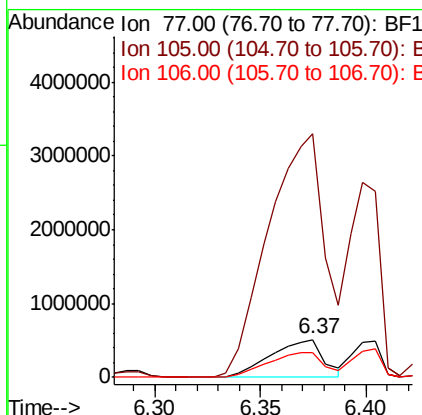
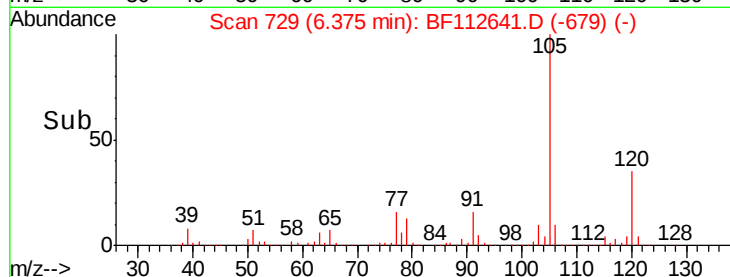
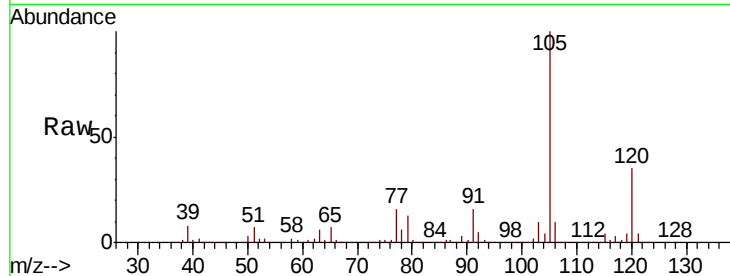
ClientSampled :

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Tot Ion:	77	Resp:	890305
Ion Ratio	Lower	Upper	
77	100		
105	643.9	80.8	120.8#
106	65.3	75.7	115.7#

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#10

Phenol

Concen: 14.833 ng

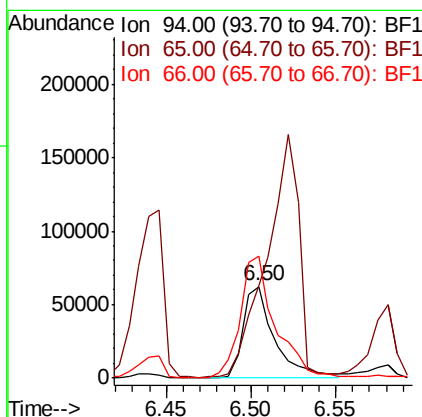
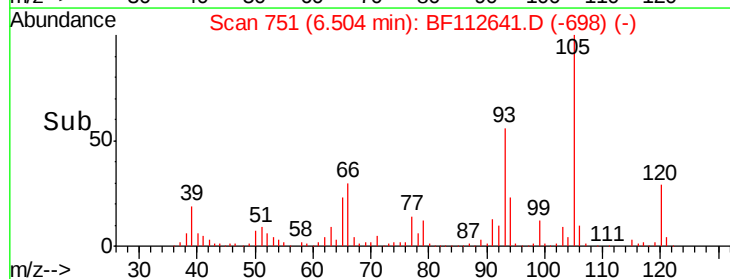
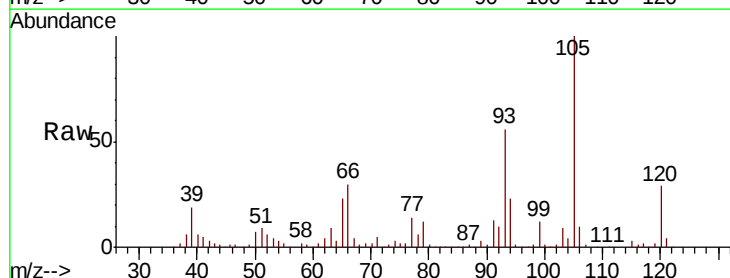
RT: 6.50 min Scan# 751

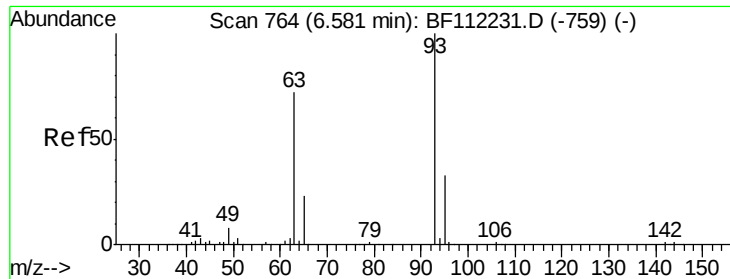
Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	94	Resp:	82321
Ion Ratio	Lower	Upper	
94	100		
65	100.3	20.3	60.3#
66	132.6	42.4	82.4#





#11

bis(2-Chloroethyl)ether

Concen: 48.019 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

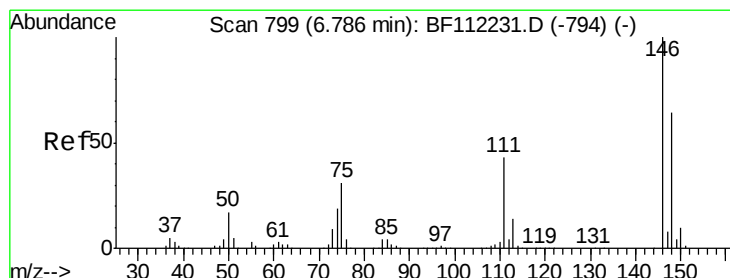
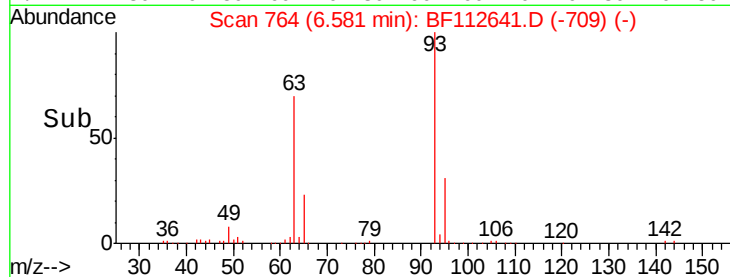
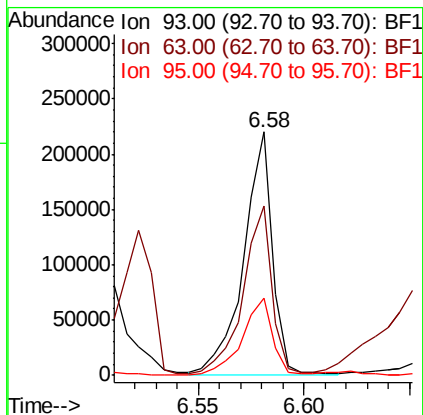
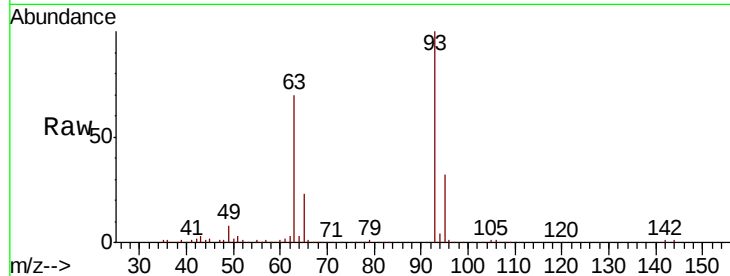
ClientSampled :

MW-1MSD

Tot Ion:	93	Resp:	209815
Ion Ratio	Lower	Upper	
93	100		
63	69.5	53.3	93.3
95	31.7	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 44.468 ng

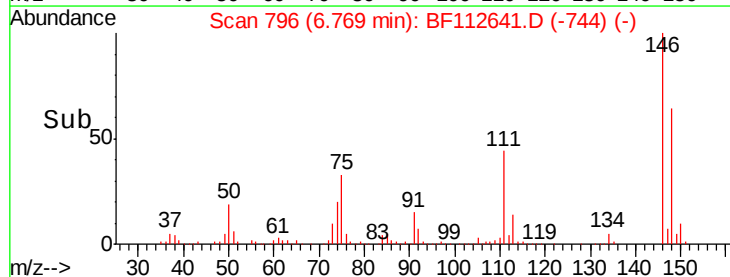
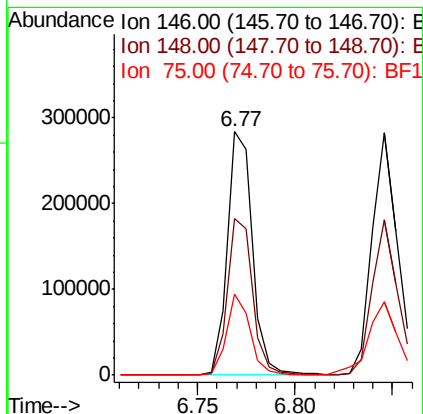
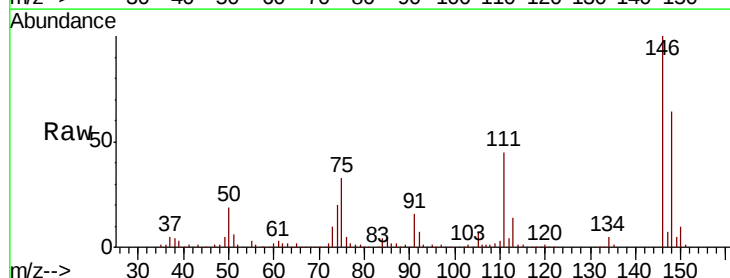
RT: 6.77 min Scan# 796

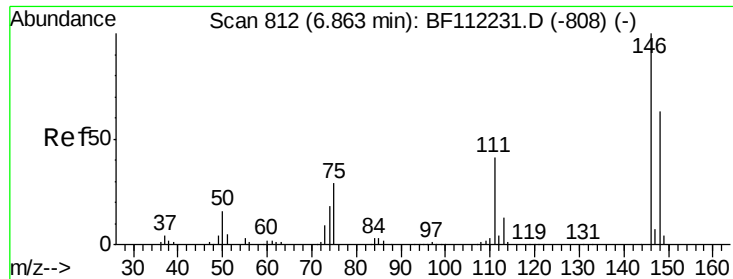
Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	146	Resp:	253628
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	33.4	23.1	34.7





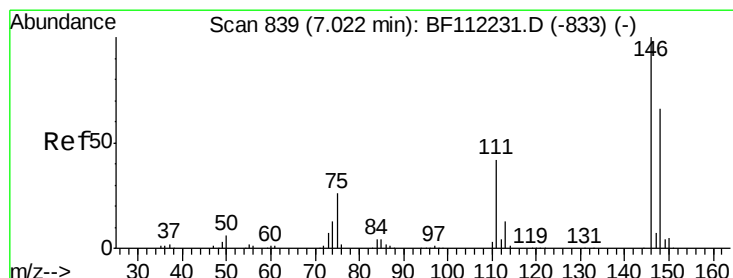
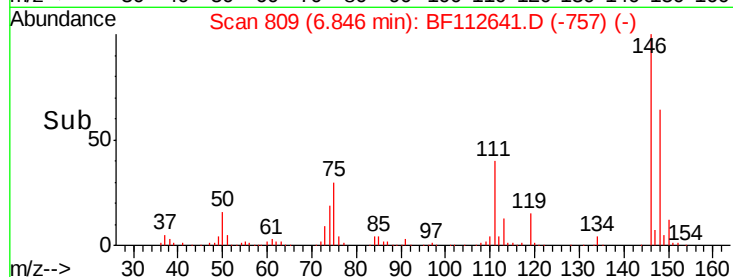
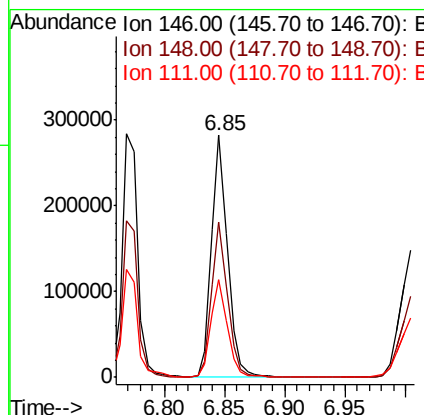
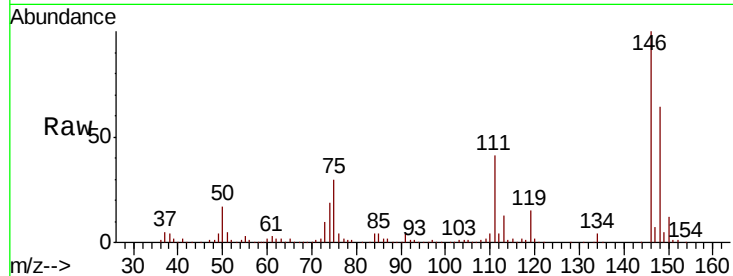
#13
 1,4-Dichlorobenzene
 Concen: 44.892 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
111	40.6	31.2	46.8

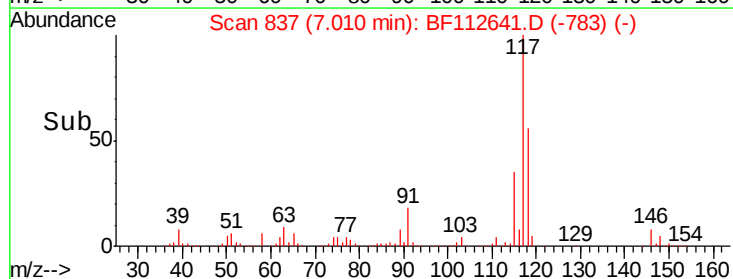
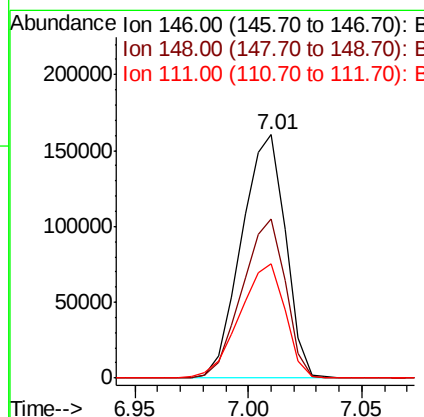
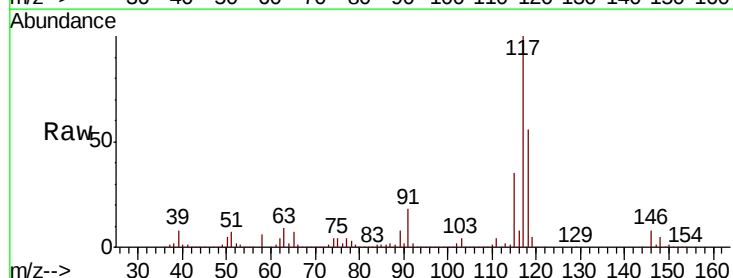
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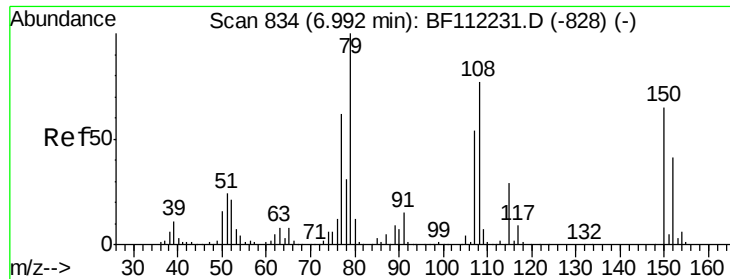
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#14
 1,2-Dichlorobenzene
 Concen: 39.519 ng m
 RT: 7.01 min Scan# 837
 Delta R.T. 0.02 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
111	47.1	31.2	46.8#





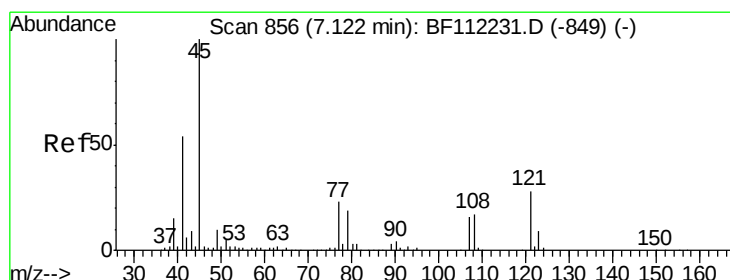
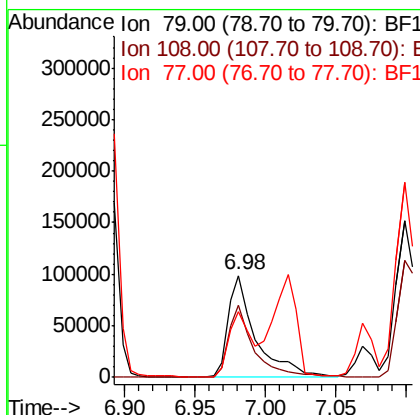
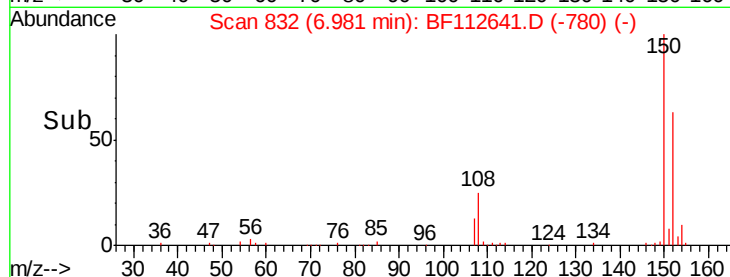
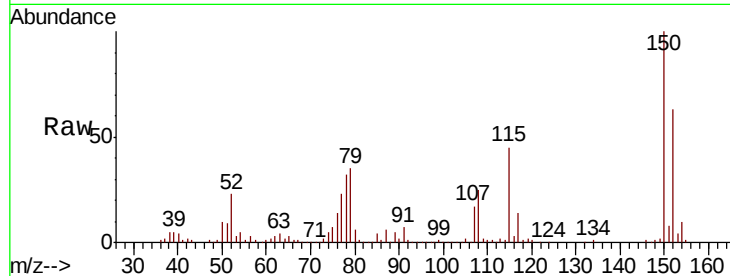
#15
Benzyl Alcohol
Concen: 30.965 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.2	64.2	96.2
77	64.4	50.3	75.5

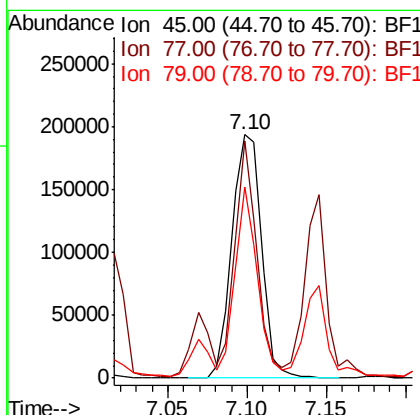
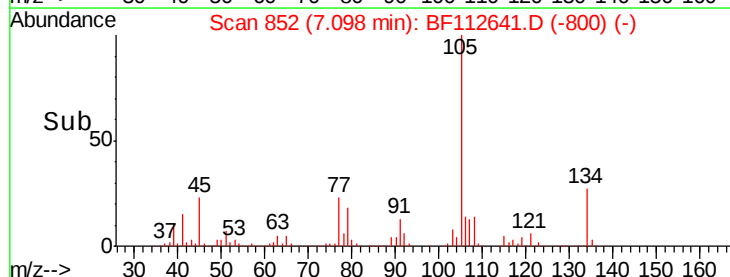
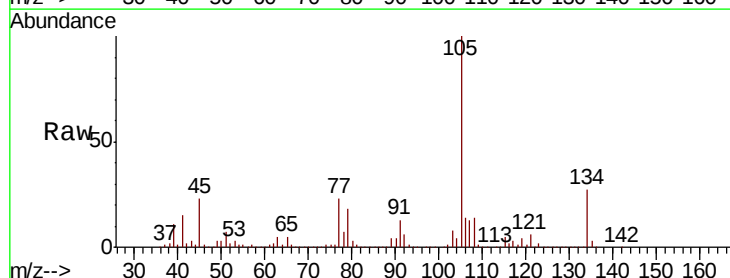
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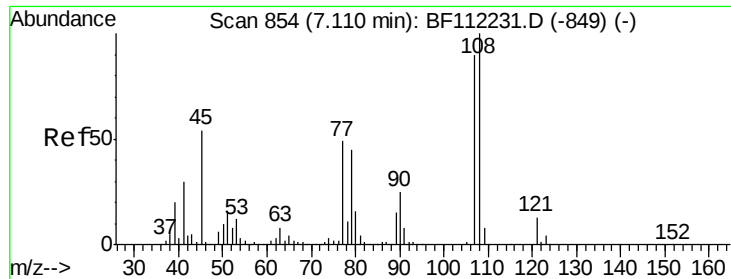
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.491 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	97.5	0.0	36.9#
79	78.4	0.0	34.0#





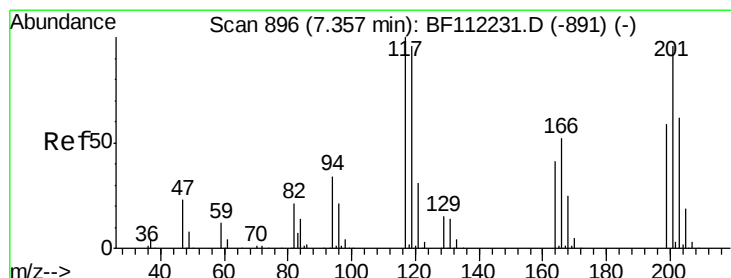
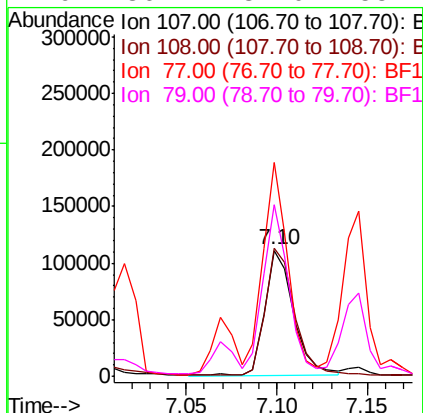
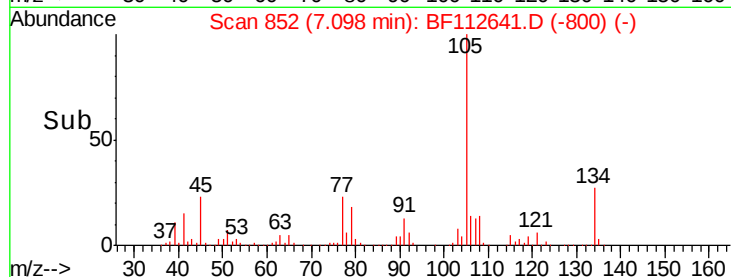
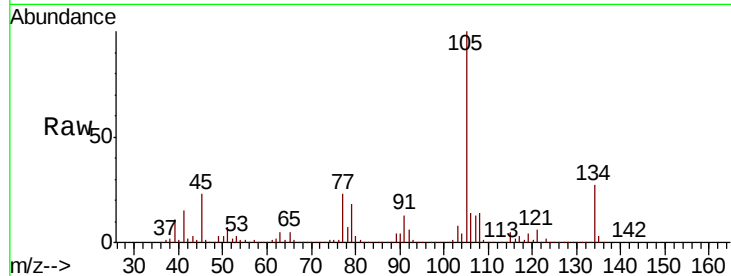
#17
2-Methylphenol
Concen: 31.704 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	101.9	91.3	136.9	
77	169.4	39.0	58.6#	
79	136.1	37.0	55.4#	

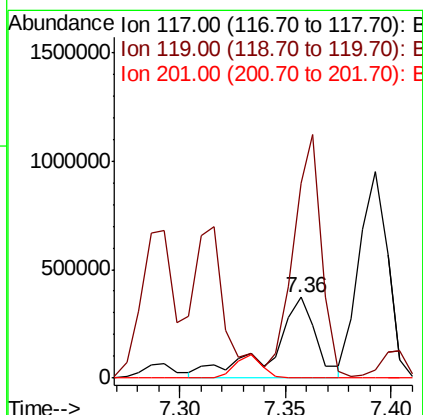
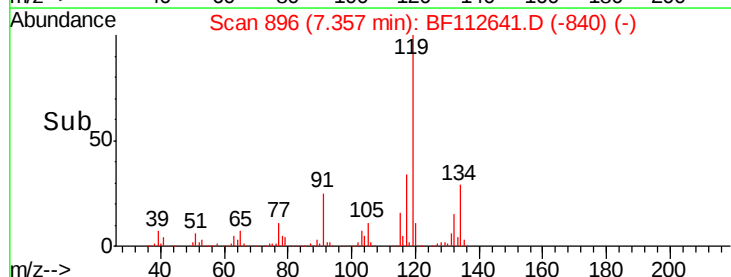
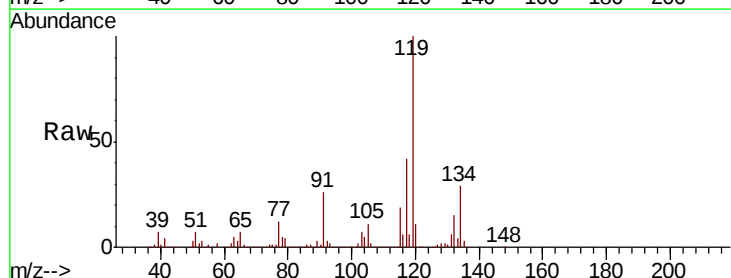
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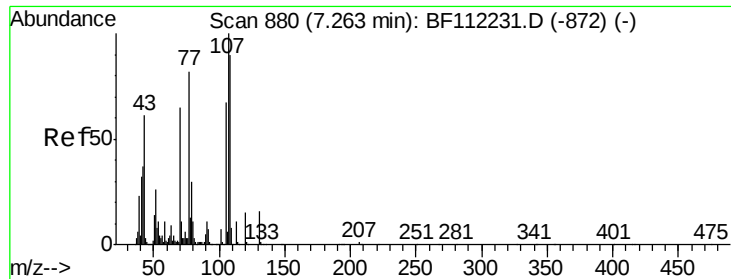
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#18
Hexachloroethane
Concen: 259.517 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	240.5	77.0	115.4#	
201	0.0	74.1	111.1#	





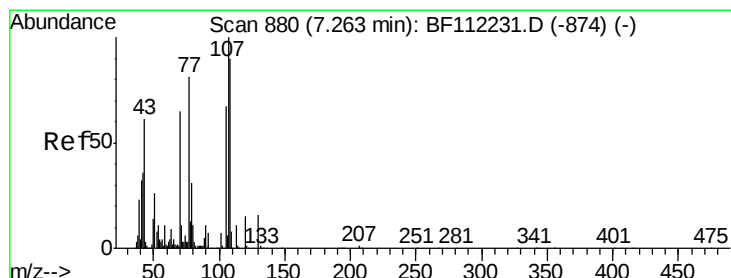
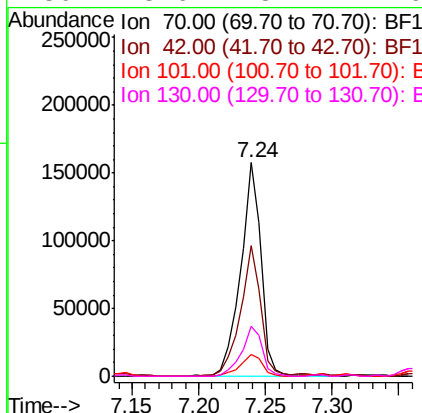
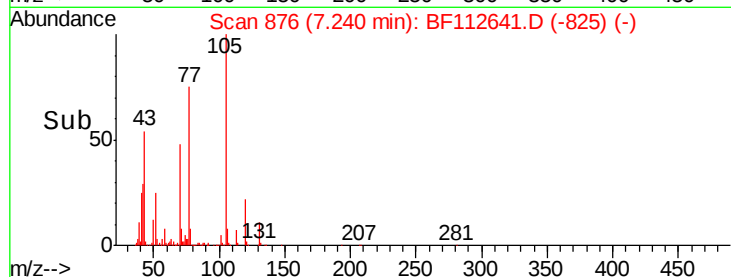
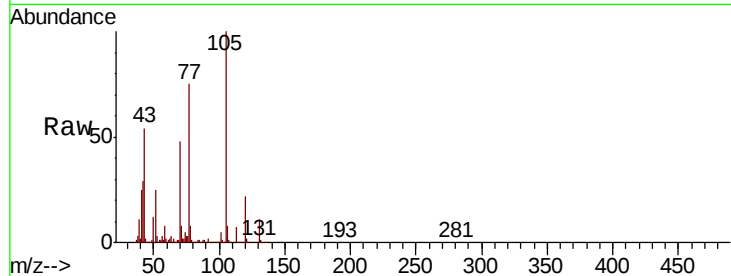
#19
n-Nitroso-di-n-propylamine
Concen: 48.285 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.6	71.4
101	10.3	7.9	11.9
130	23.6	18.4	27.6

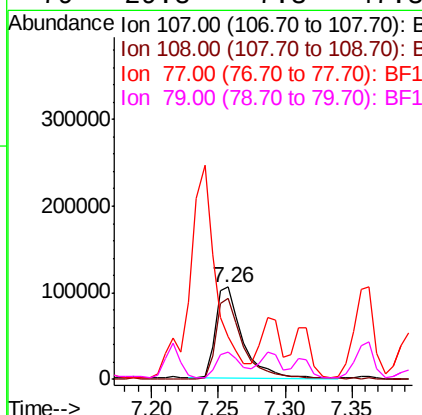
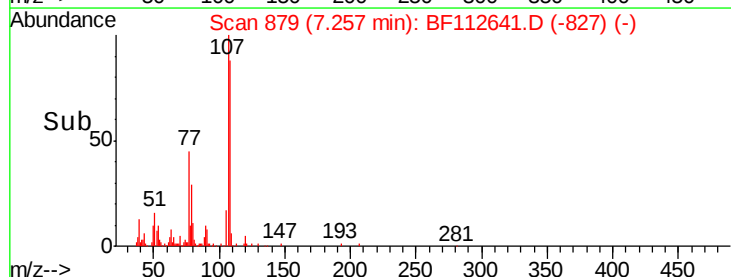
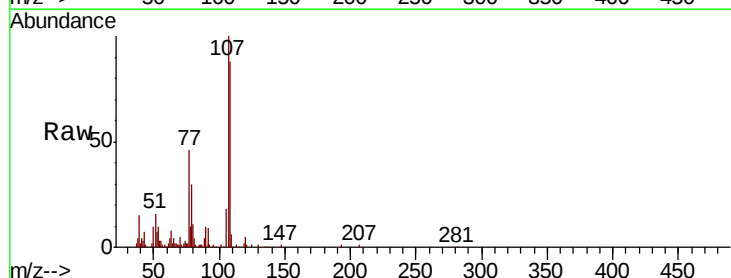
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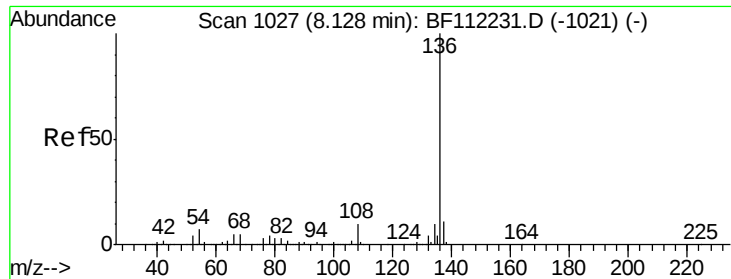
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#20
3+4-Methylphenols
Concen: 30.498 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	45.5	100.7	140.7#
79	29.8	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

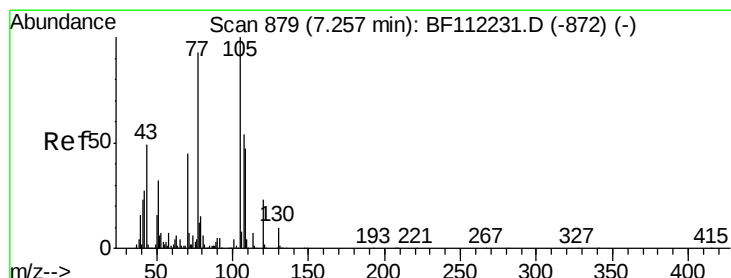
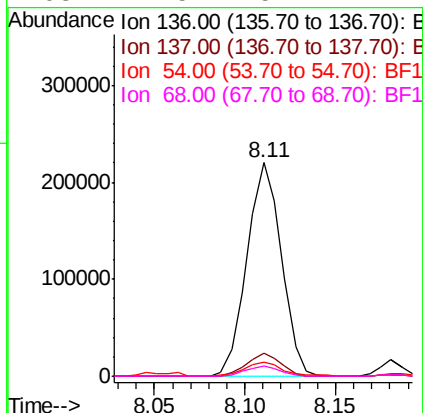
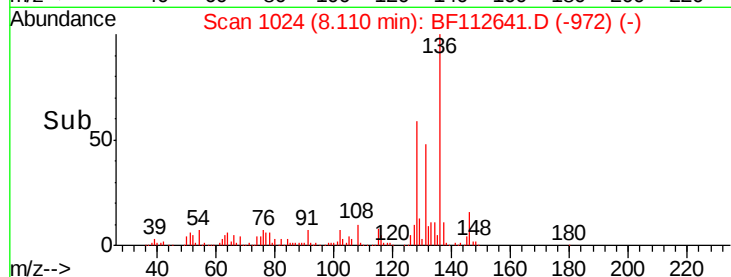
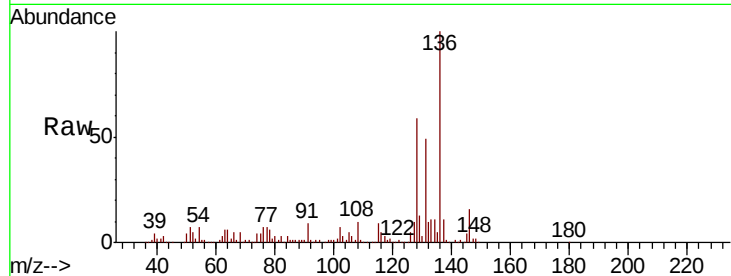
ClientSampleId :

MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	290318		
137	10.9	9.1	13.7	
54	6.6	5.9	8.9	
68	4.5	5.1	7.7#	

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#22

Acetophenone

Concen: 43.405 ng

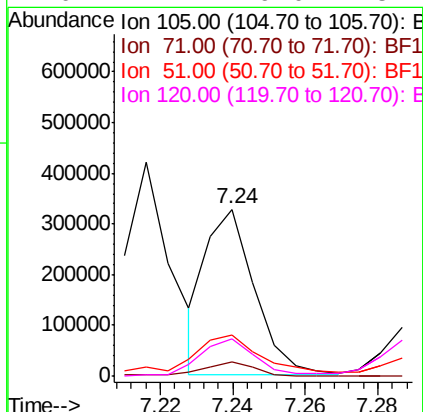
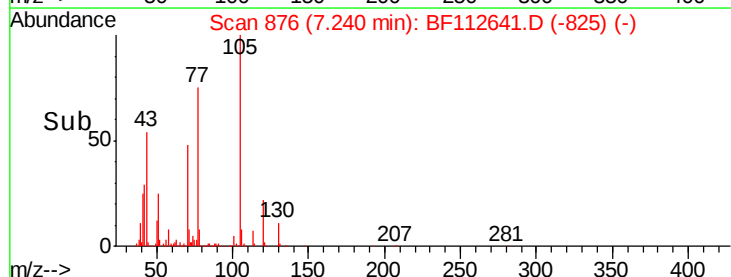
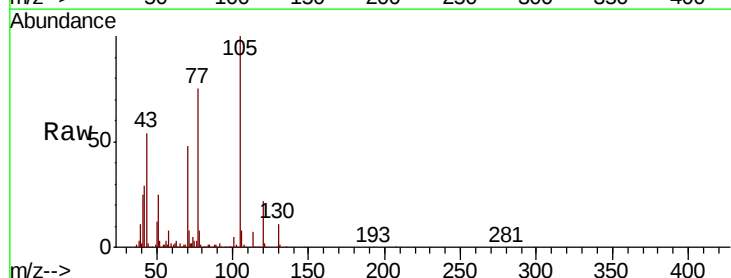
RT: 7.24 min Scan# 876

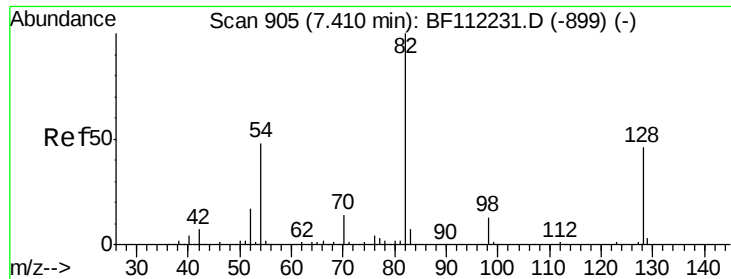
Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	306839		
71	8.5	4.6	6.8#	
51	24.9	25.0	37.6#	
120	22.1	19.0	28.4	





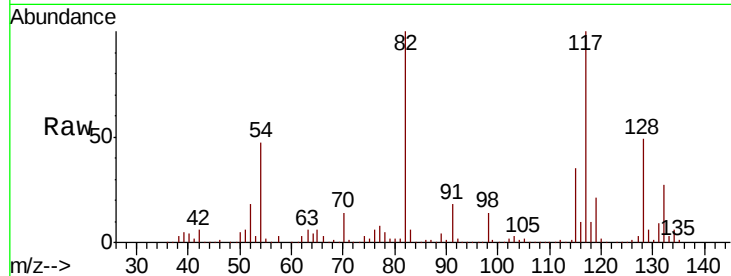
#23
Nitrobenzene-d5
Concen: 98.630 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

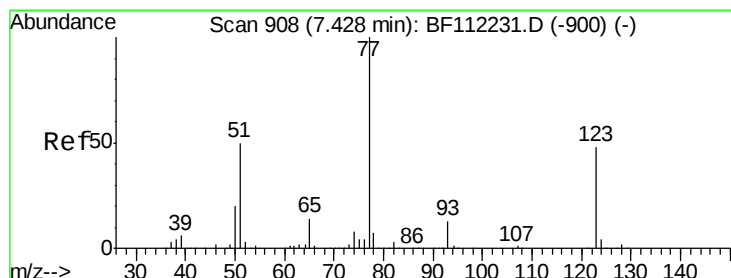
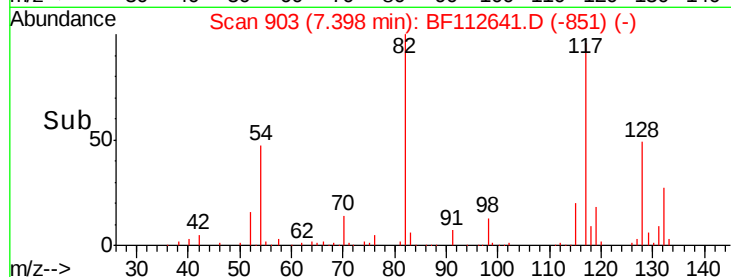
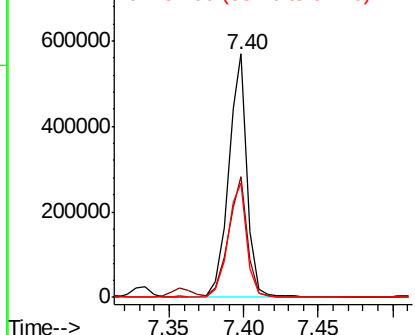
Tot Ion	82	Resp	496946
Ion Ratio	100	Lower	Upper
82	100		
128	49.3	37.8	56.8
54	47.1	39.7	59.5

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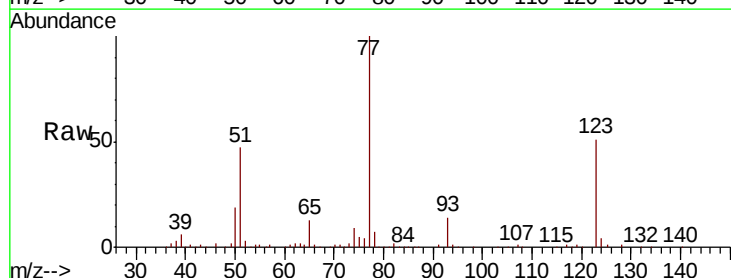


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

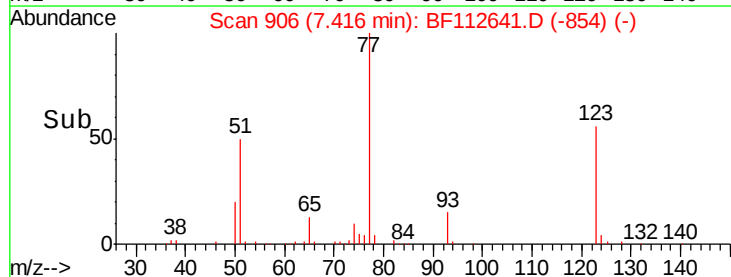
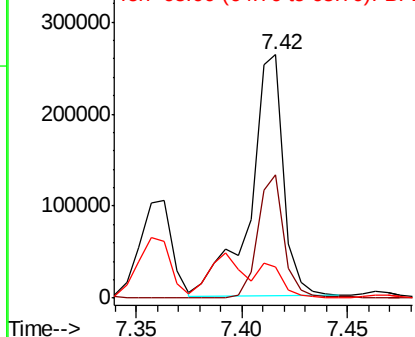


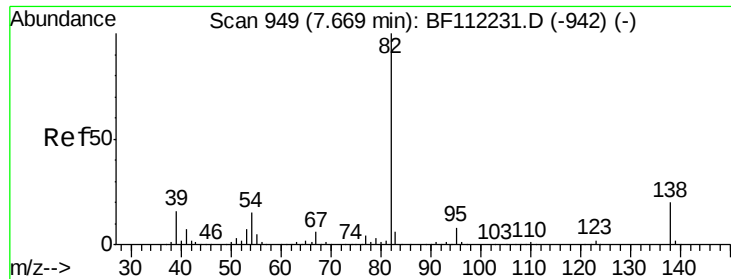
#24
Nitrobenzene
Concen: 57.284 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	77	Resp	288255
Ion Ratio	100	Lower	Upper
77	100		
123	50.7	38.4	57.6
65	12.9	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 55.211 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

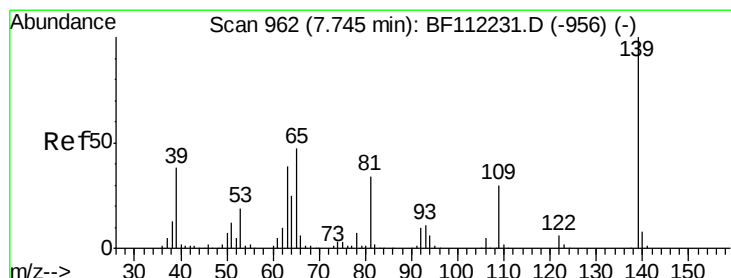
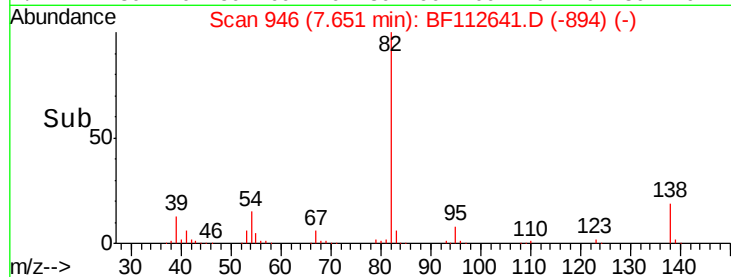
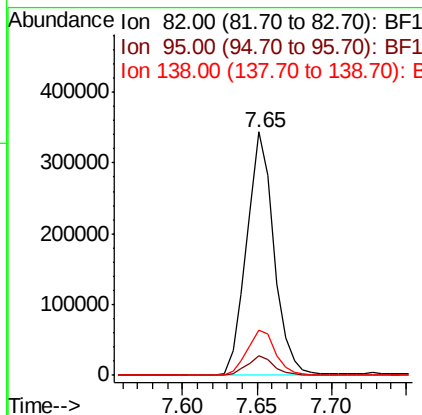
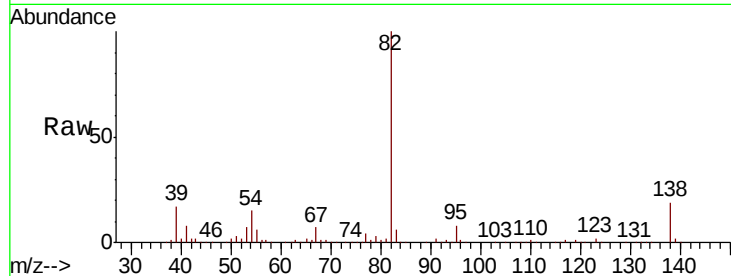
ClientSampleId :

MW-1MSD

Tot Ion:	82	Resp:	436407
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.7	8.5
138	18.7	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.566 ng

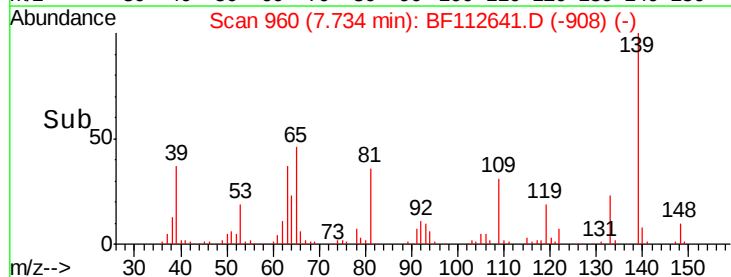
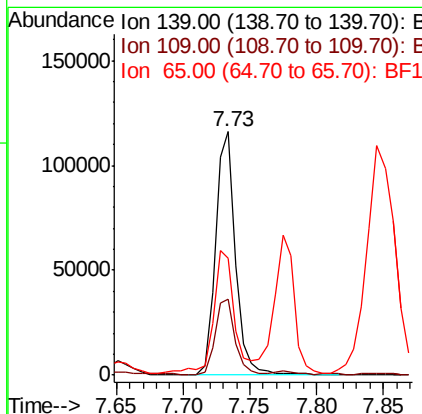
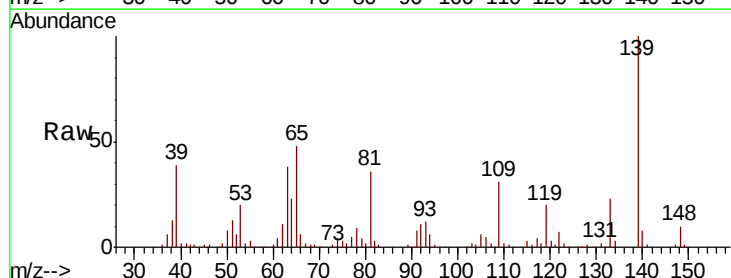
RT: 7.73 min Scan# 960

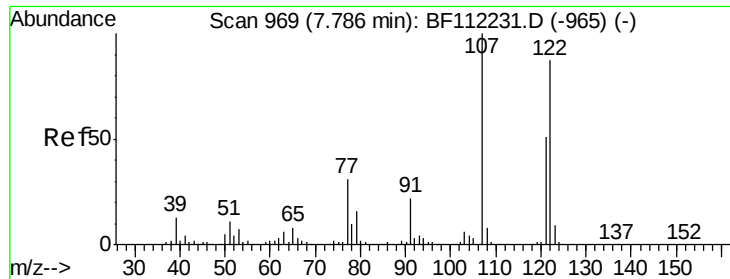
Delta R.T. 0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	139	Resp:	122535
Ion Ratio	Lower	Upper	
139	100		
109	31.4	20.8	31.2#
65	48.2	34.4	51.6





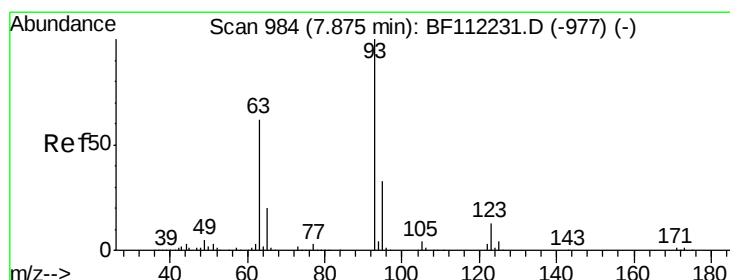
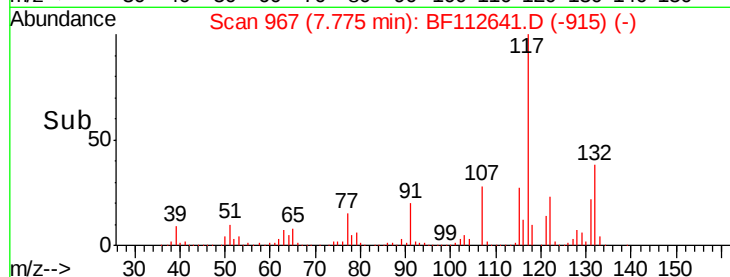
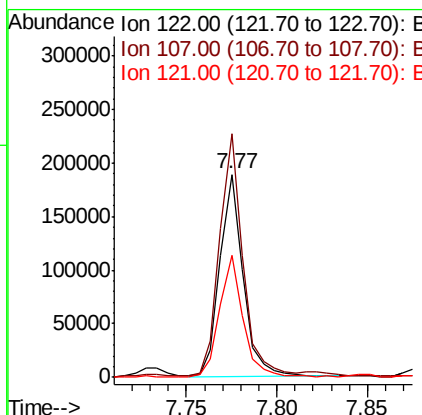
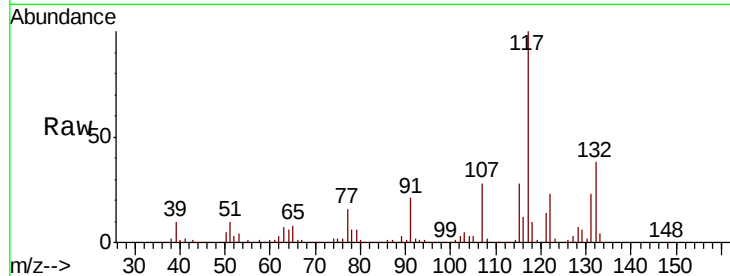
#27
2,4-Dimethylphenol
Concen: 45.637 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	169086		
107	119.9	85.4	128.0	
121	60.3	47.0	70.4	

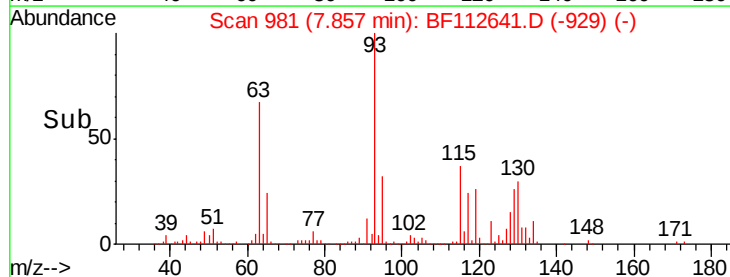
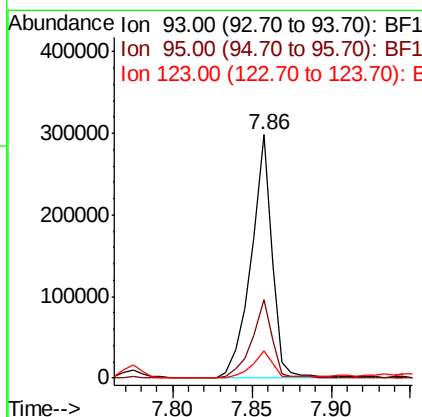
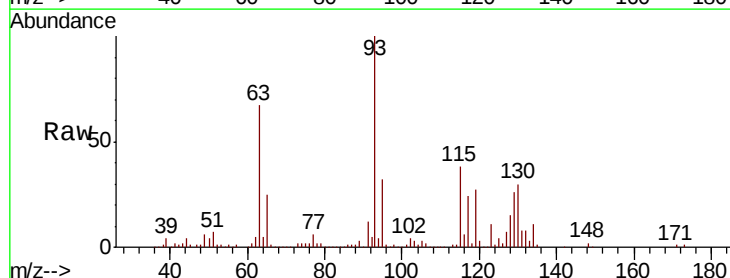
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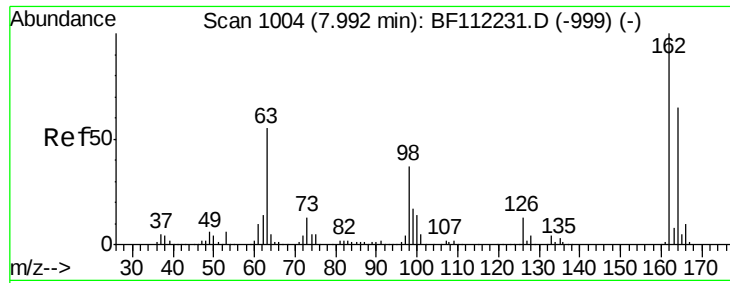
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 50.417 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	271350		
95	32.2	26.8	40.2	
123	11.4	10.2	15.2	





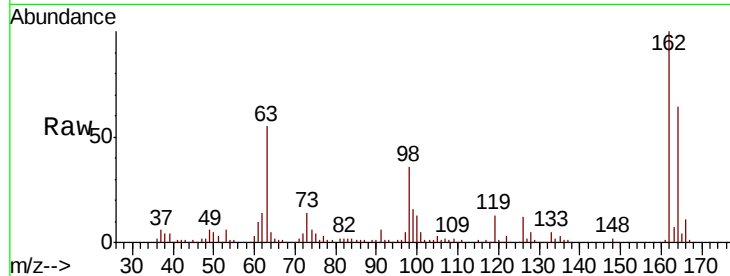
#29
2,4-Dichlorophenol
Concen: 43.893 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

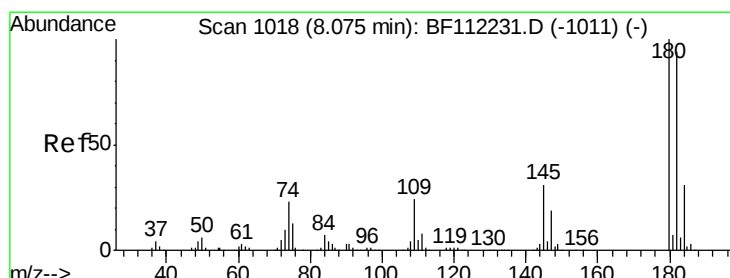
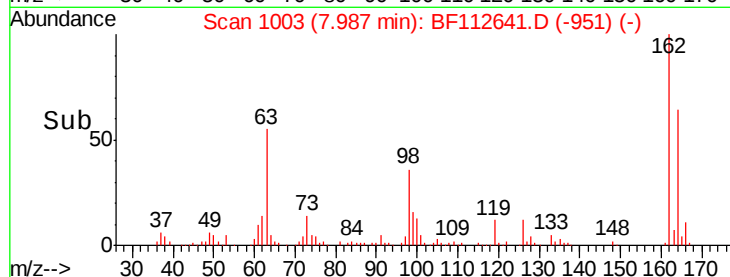
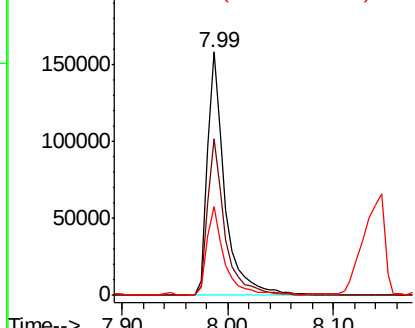
Tot Ion:	162	Resp:	181990
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.6	84.6
98	36.4	14.6	54.6

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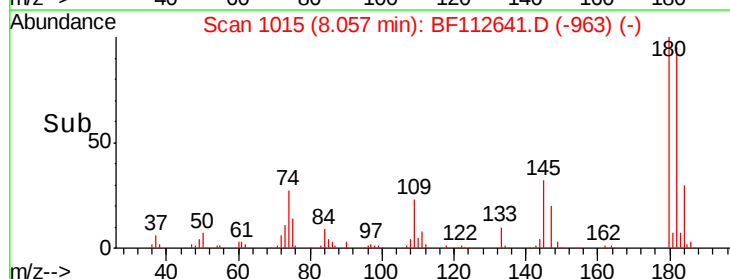
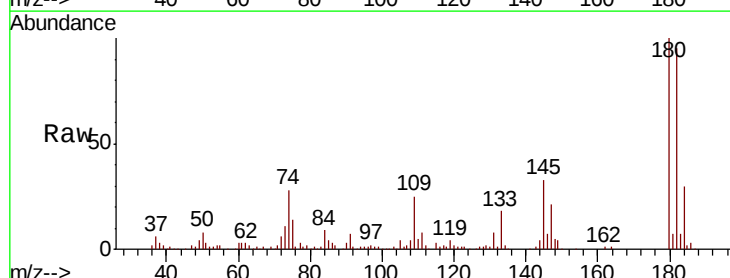
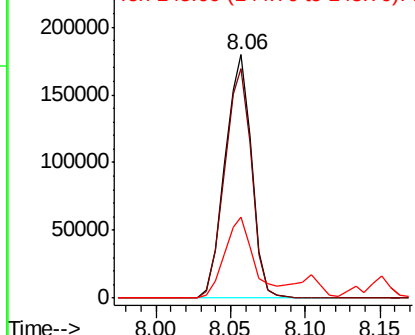
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

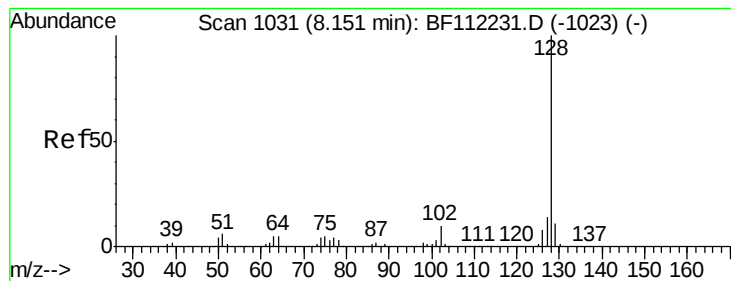


#30
1,2,4-Trichlorobenzene
Concen: 47.293 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:	180	Resp:	225395
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.4	114.6
145	33.5	25.0	37.4

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: 376.234 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

ClientSampleId :

MW-1MSD

Tot Ion:128 Resp: 5107953

Ion Ratio Lower Upper

128 100

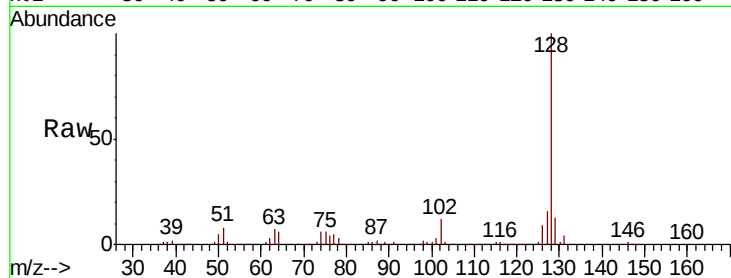
129 13.3 9.6 14.4

127 15.9 11.1 16.7

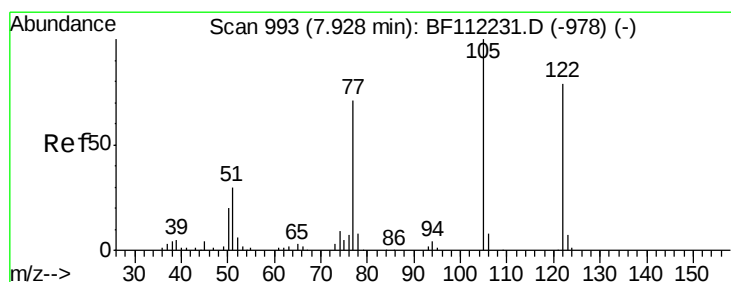
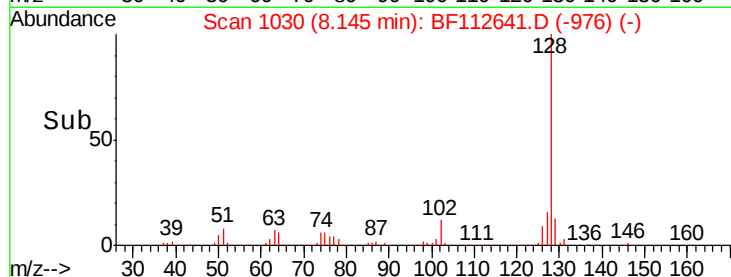
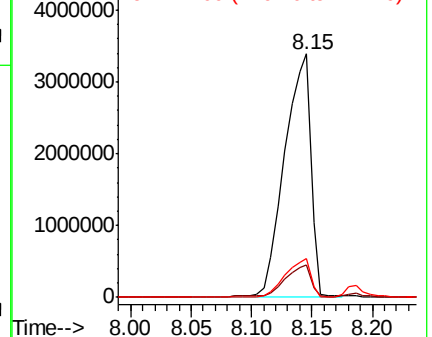
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 97.053 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

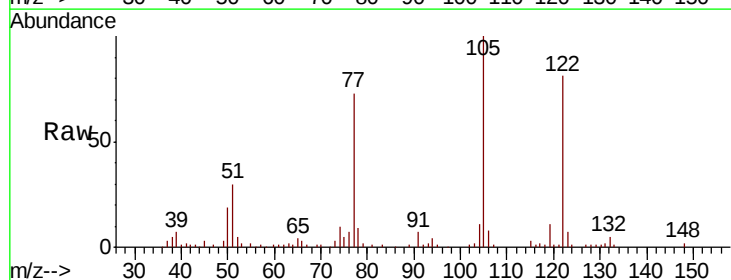
Tgt Ion:122 Resp: 205116

Ion Ratio Lower Upper

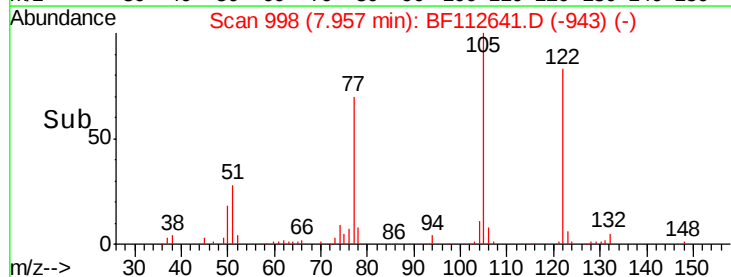
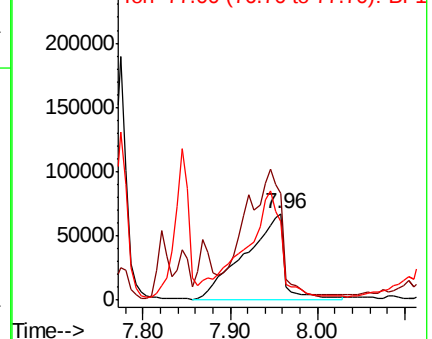
122 100

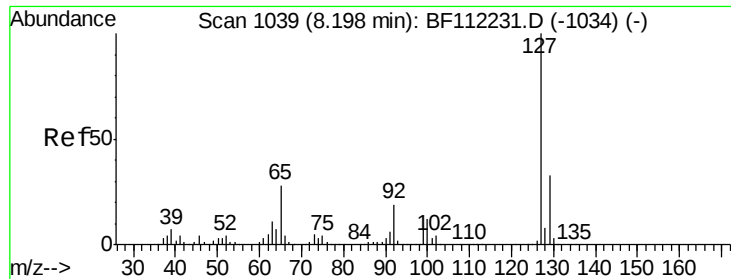
105 123.5 101.2 141.2

77 90.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





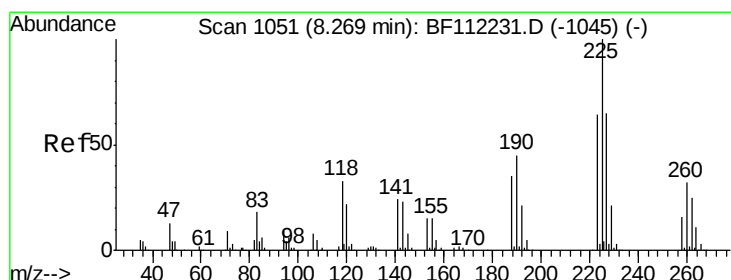
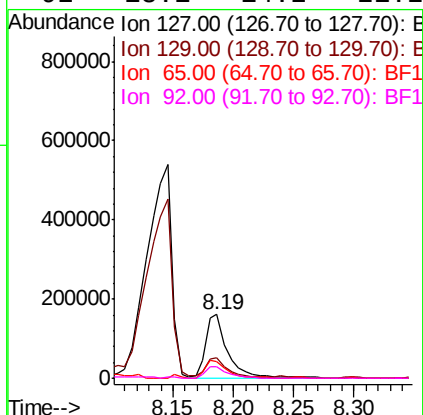
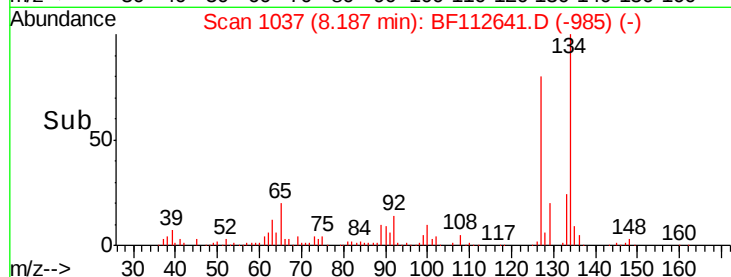
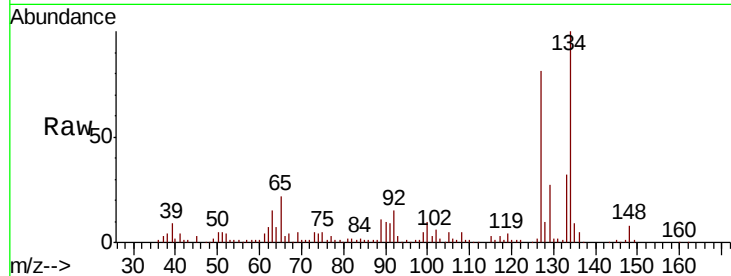
#33
4-Chloroaniline
Concen: 33.218 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	196368		
129	33.2	26.6	39.8	
65	27.2	21.4	32.2	
92	18.1	14.2	21.2	

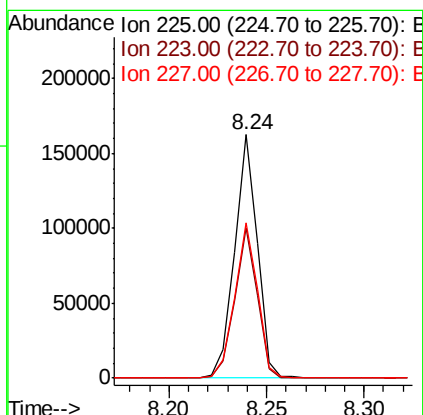
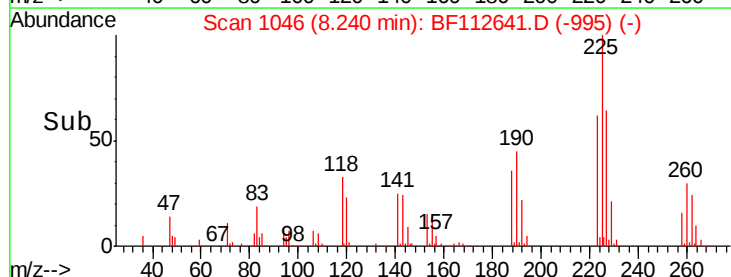
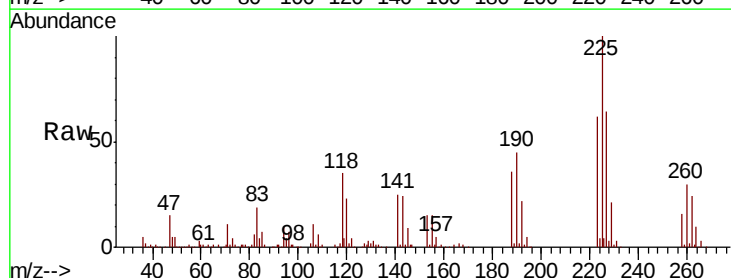
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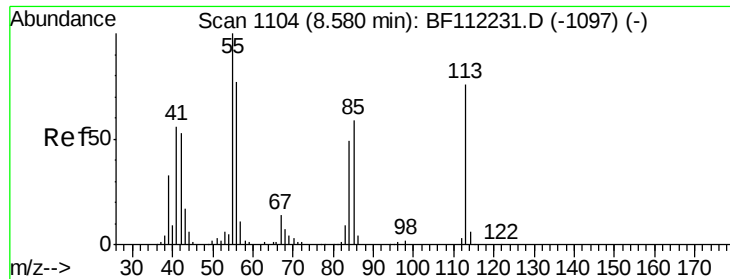
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#34
Hexachlorobutadiene
Concen: 46.651 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130470		
223	61.7	50.3	75.5	
227	63.9	51.8	77.8	





#35

Caprolactam

Concen: 9.224 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.11 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

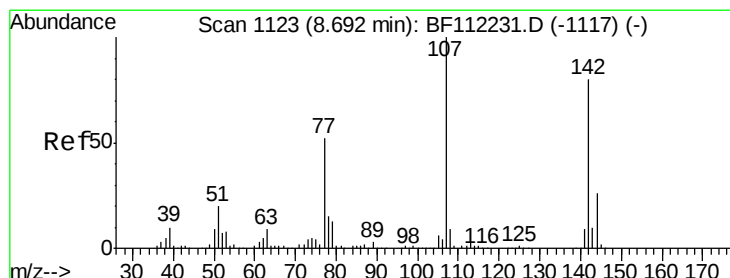
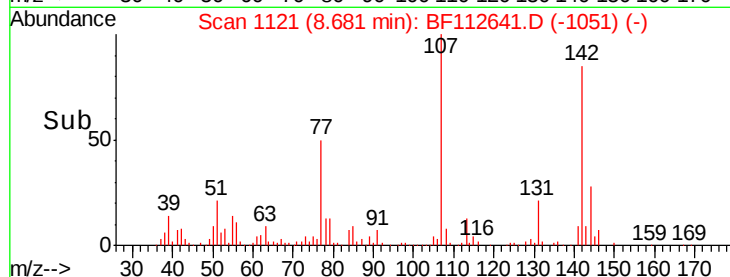
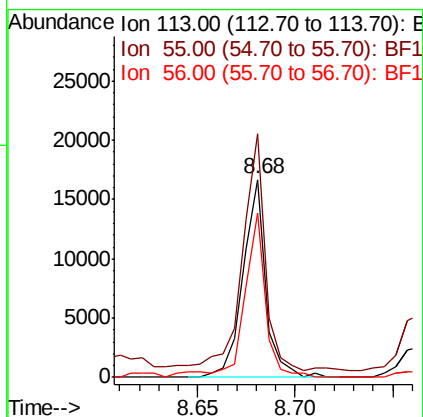
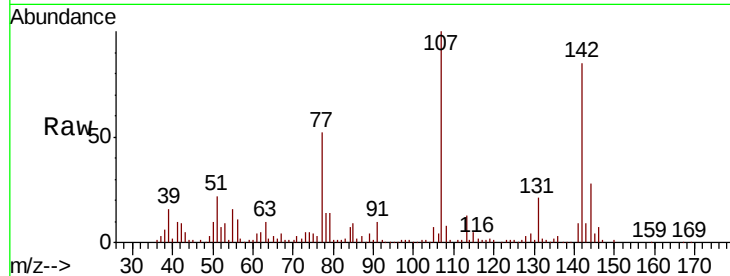
ClientSampled :

MW-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	123.2		121.6	161.6	
56	83.3		86.7	126.7	

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#36

4-Chloro-3-methylphenol

Concen: 40.167 ng

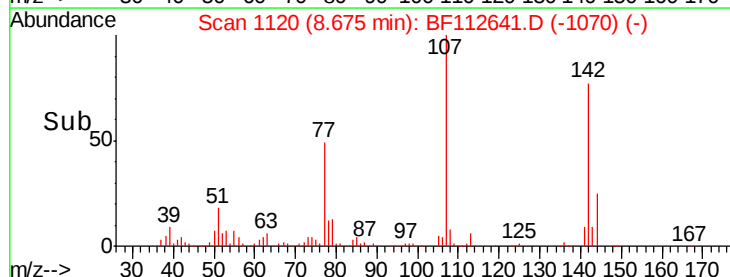
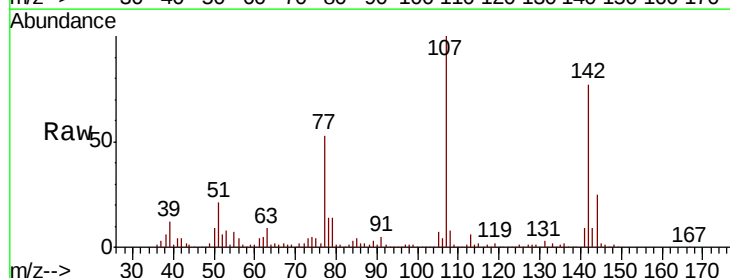
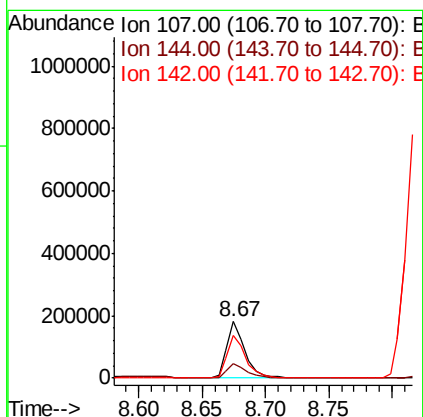
RT: 8.67 min Scan# 1120

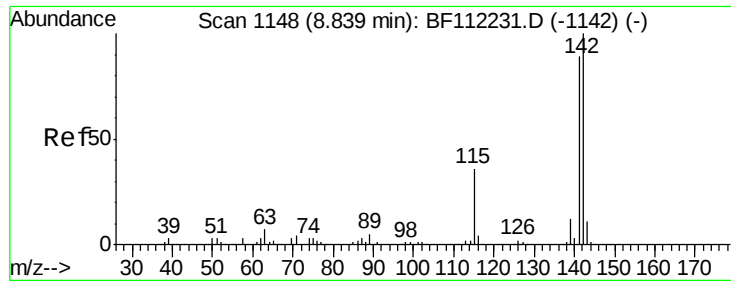
Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5		22.2	33.2	
142	77.0		67.7	101.5	





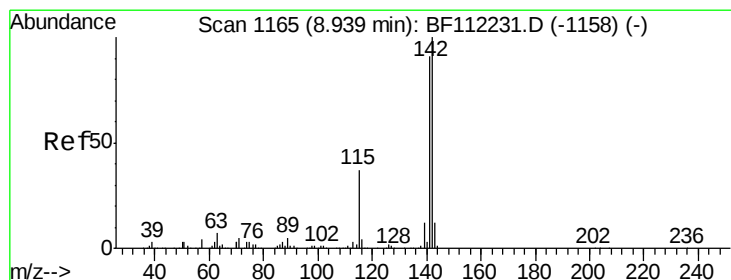
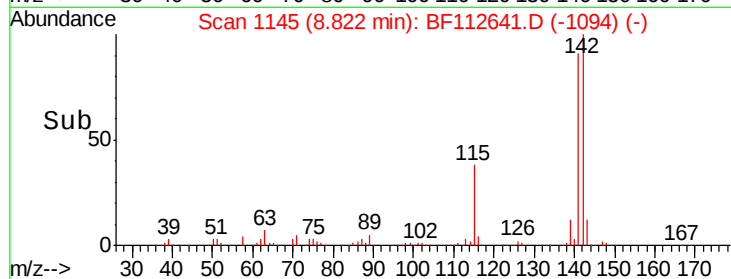
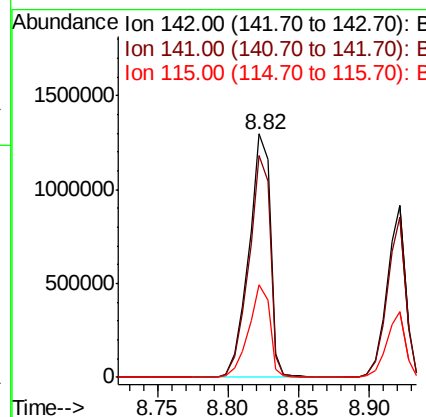
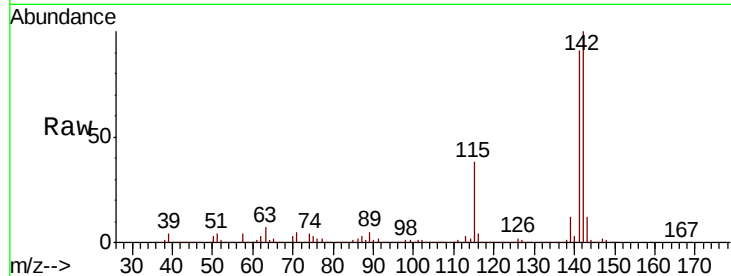
#37
2-Methylnaphthalene
Concen: 149.125 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.9	106.3
115	38.2	24.9	37.3

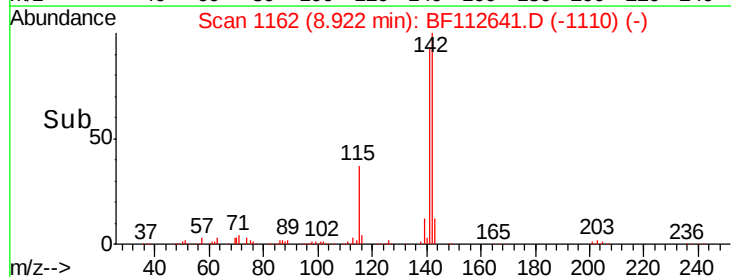
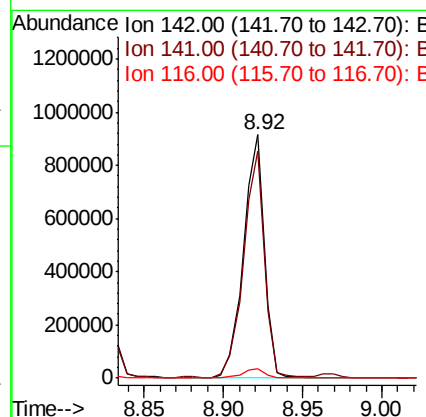
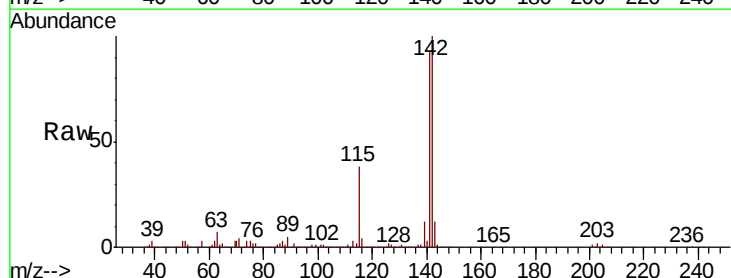
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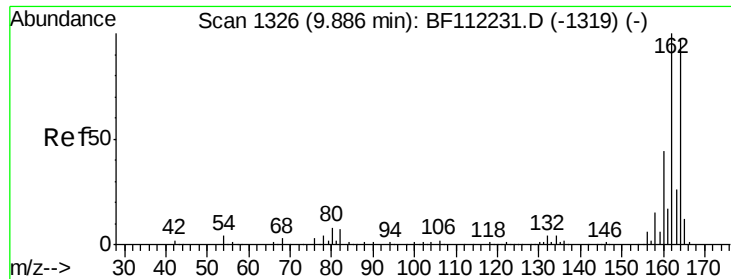
Sohil
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#38
1-Methylnaphthalene
Concen: 93.091 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.6	108.8
116	4.1	2.8	4.2





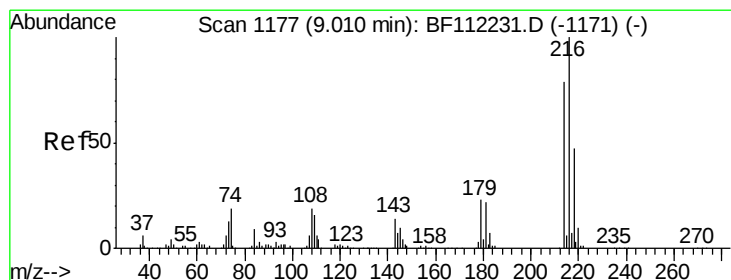
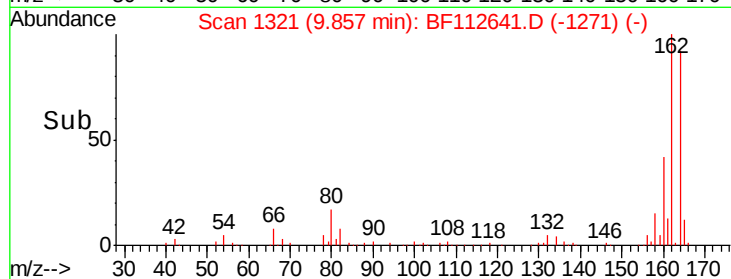
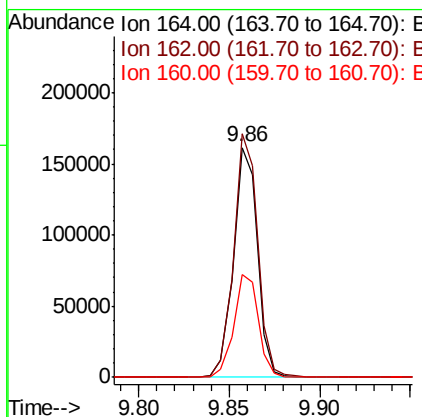
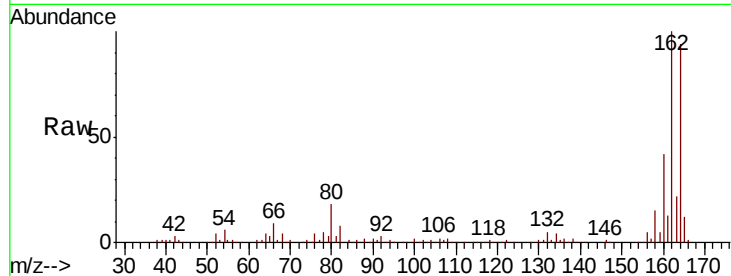
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	82.2	123.4	
160	44.9	36.2	54.4	

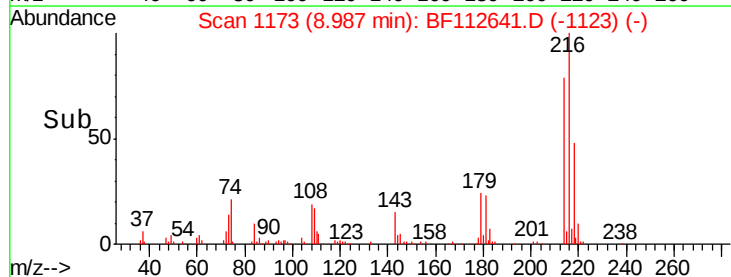
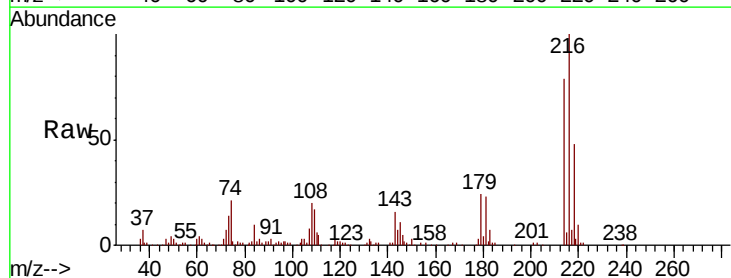
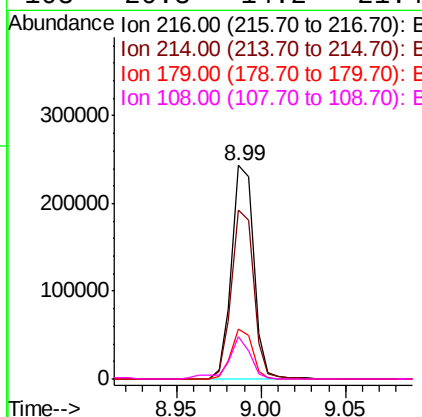
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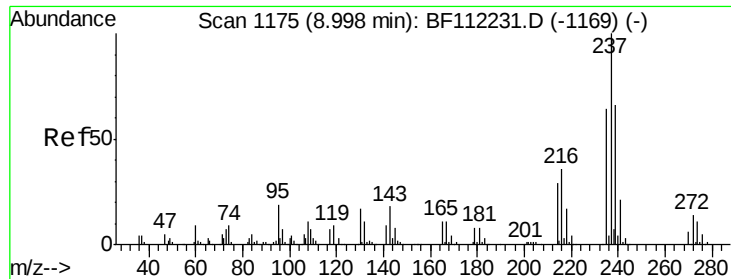
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.784 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.8	95.6	
179	22.9	16.9	25.3	
108	20.3	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 55.366 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

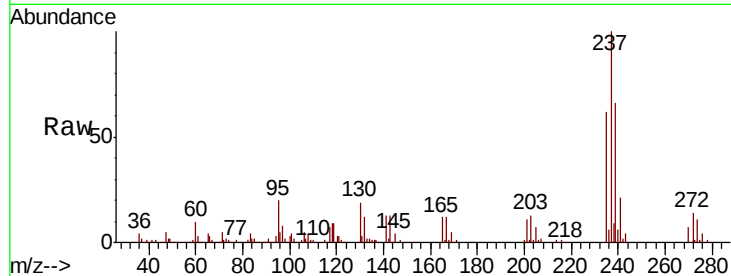
ClientSampleId :

MW-1MSD

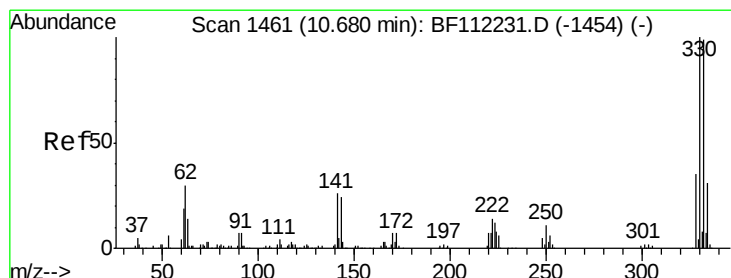
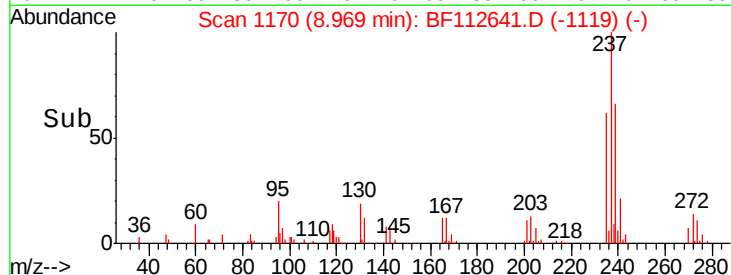
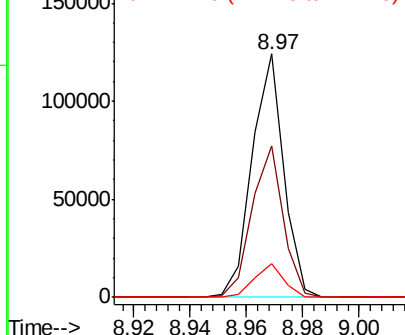
Tot Ion:	237	Resp:	96046
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.0	84.0
272	14.0	0.0	33.3

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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: 140.518 ng

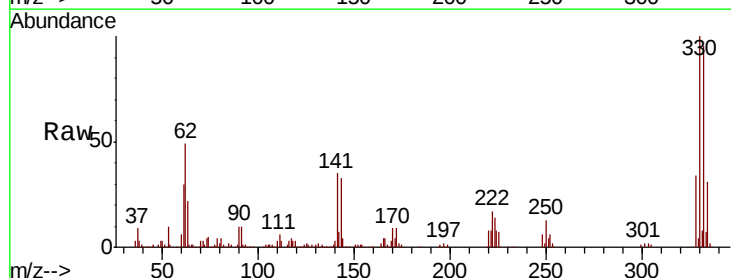
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

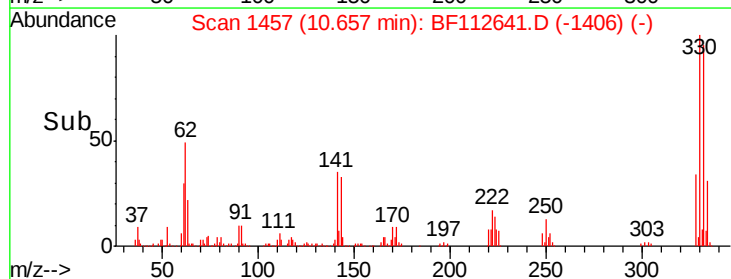
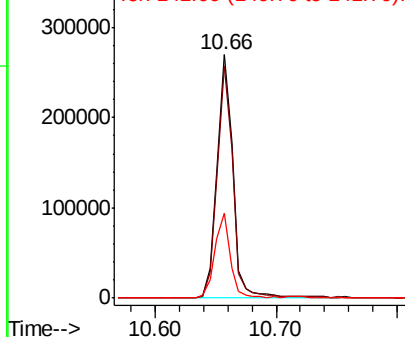
Lab File: BF112641.D

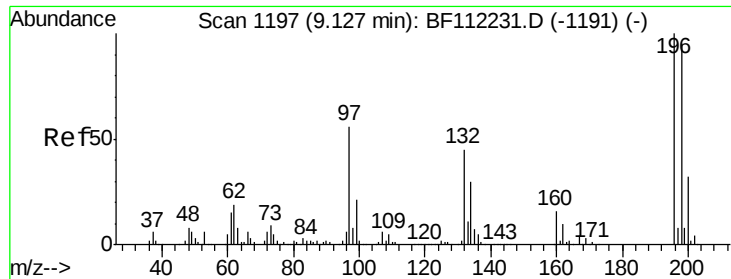
Acq: 20 Feb 2019 14:53

Tgt Ion:	330	Resp:	242567
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.6	114.8
141	34.3	24.3	36.5



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





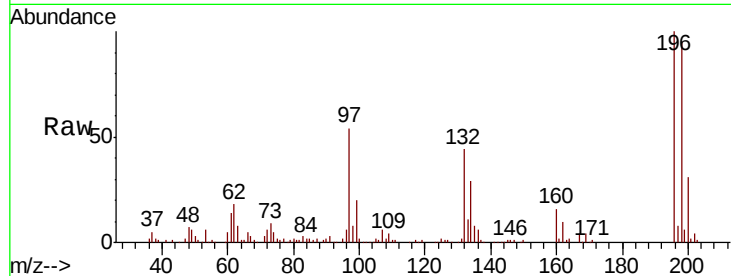
#43
2,4,6-Trichlorophenol
Concen: 44.814 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134512		
198	95.0	76.2	114.4	
200	31.1	24.3	36.5	

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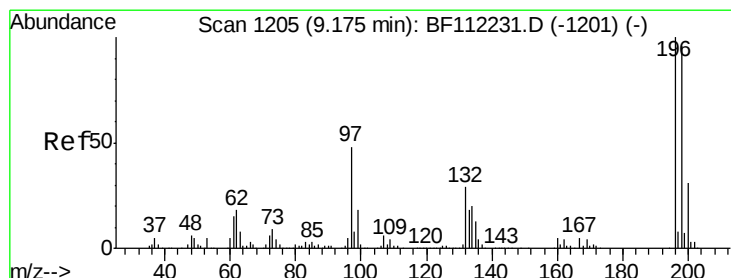
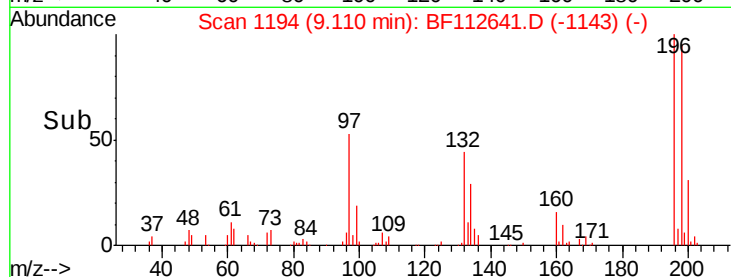
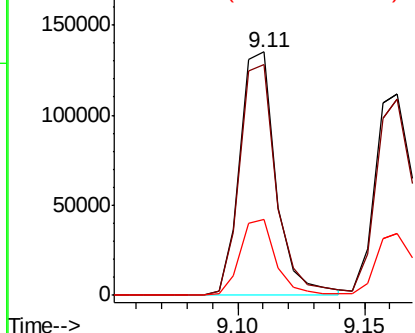


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 44.022 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138098		
198	97.4	76.0	114.0	
97	50.9	36.4	54.6	
132	29.9	21.5	32.3	

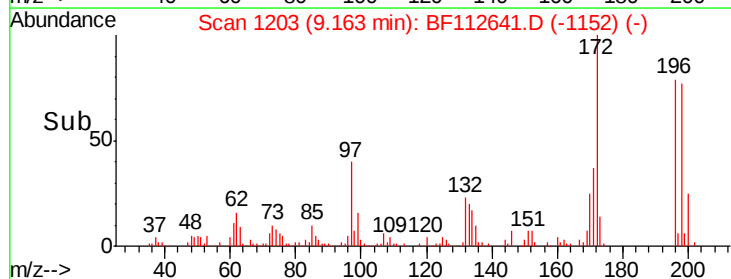
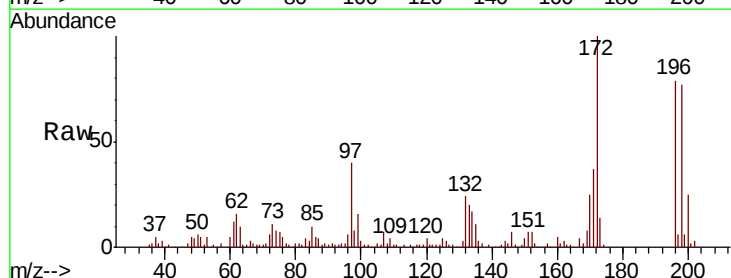
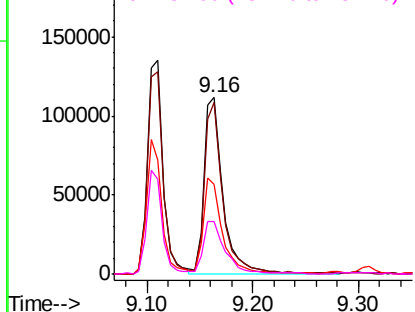
Abundance

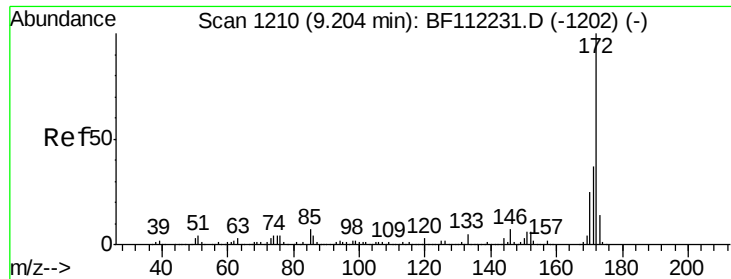
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





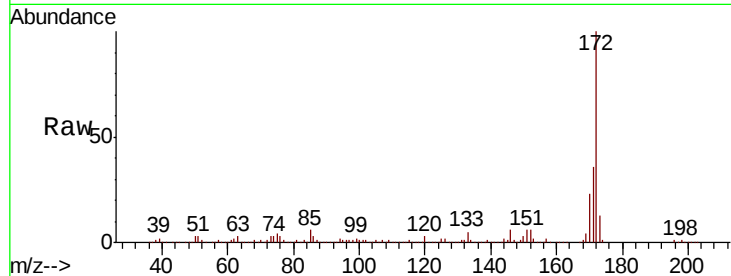
#45
2-Fluorobiphenyl
Concen: 98.890 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.3	20.2	30.4

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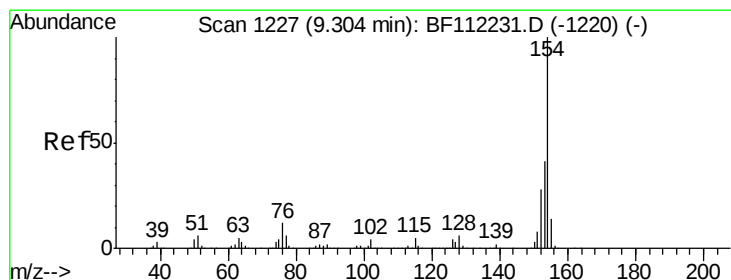
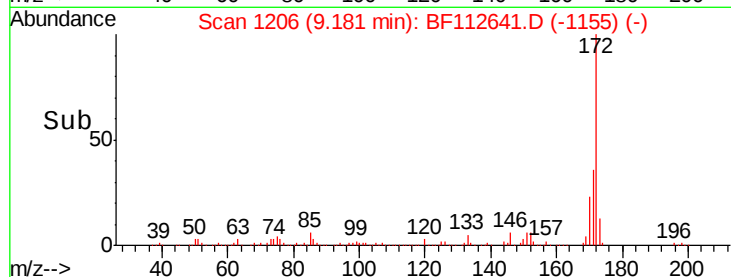
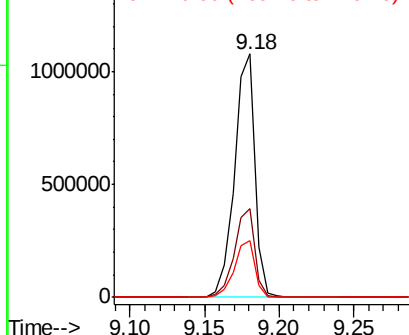


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.147 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

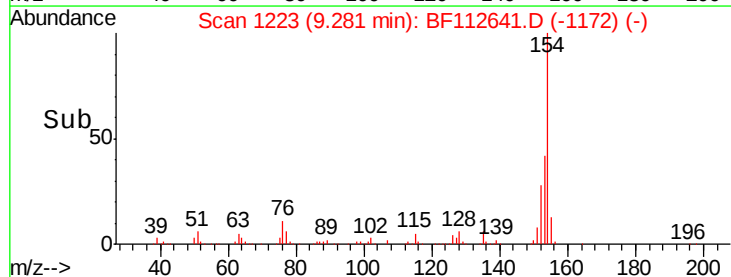
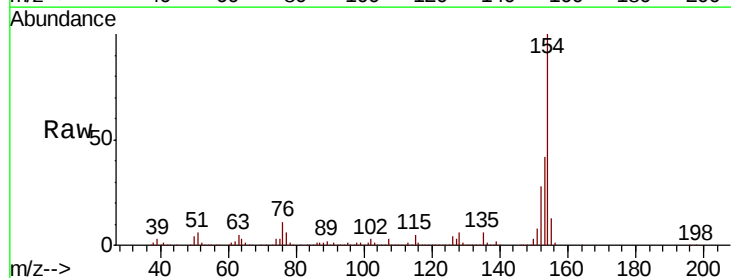
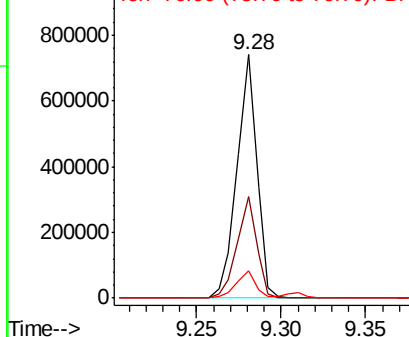
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.5	61.5
76	11.0	0.0	33.1

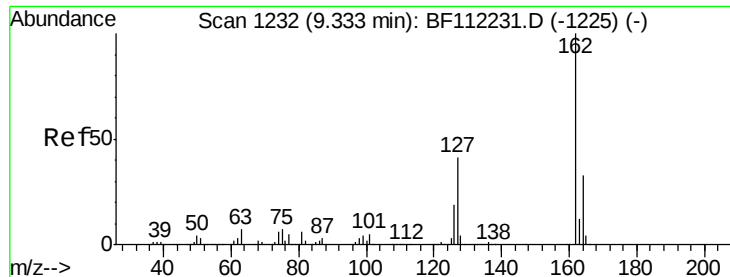
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





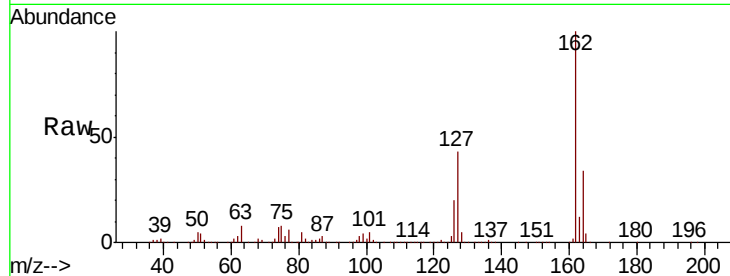
#47
 2-Chloronaphthalene
 Concen: 46.042 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

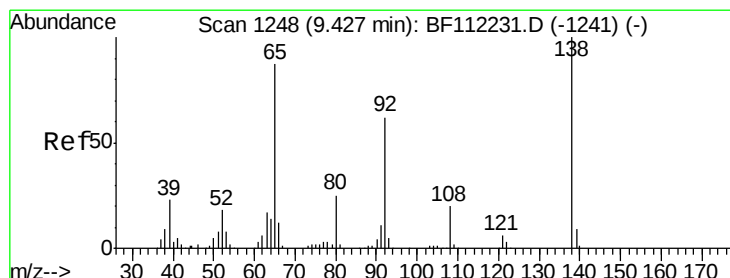
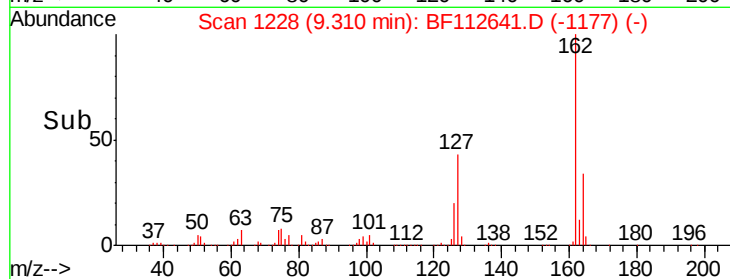
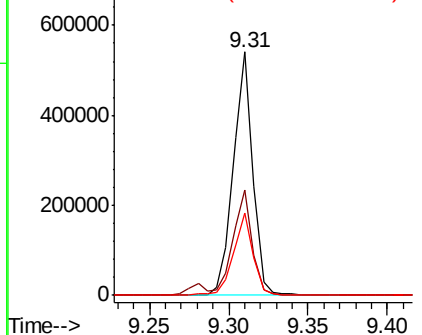
Tot Ion	Ratio	Resp	Lower	Upper
162	100	462914		
127	43.0		30.4	45.6
164	33.8		27.4	41.2

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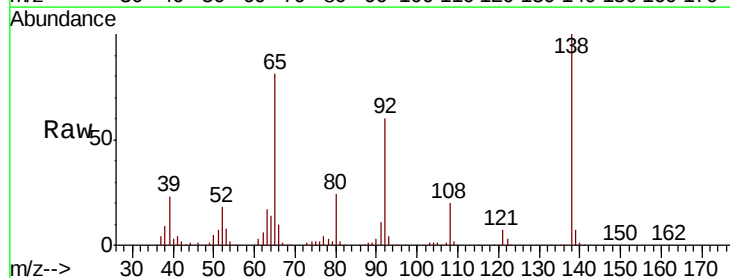


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

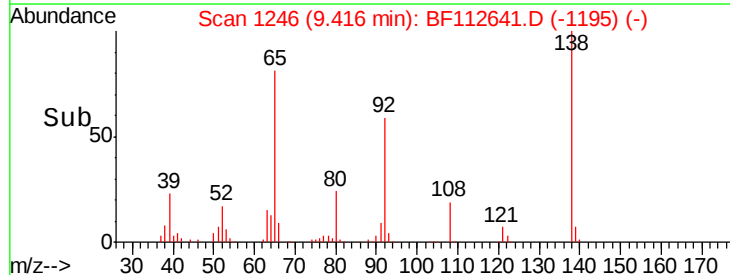
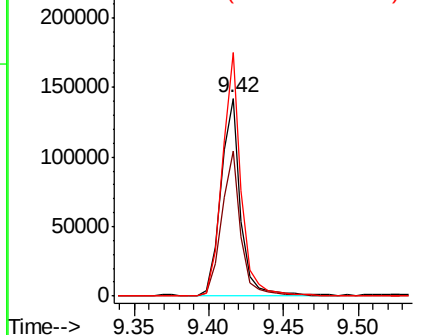


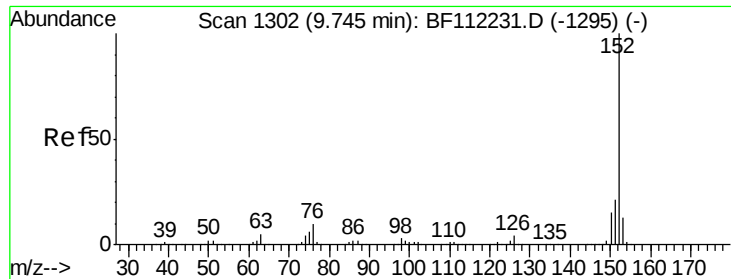
#48
 2-Nitroaniline
 Concen: 47.796 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130978		
92	73.4		60.4	90.6
138	123.1		104.4	156.6



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: 50.011 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

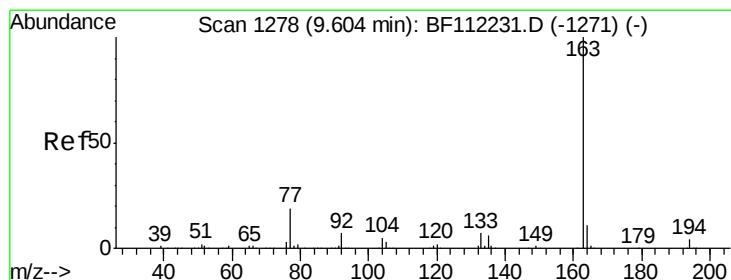
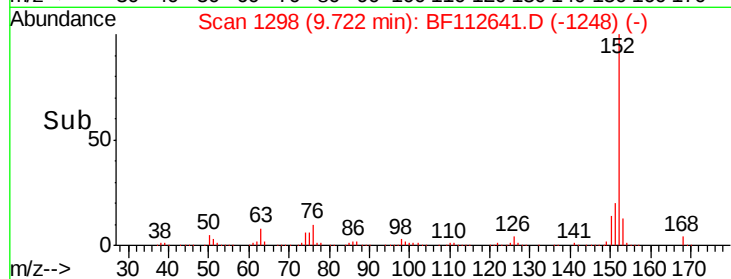
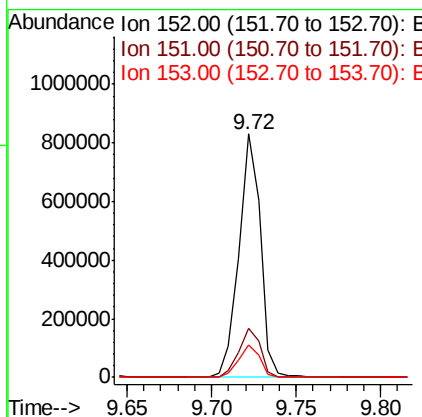
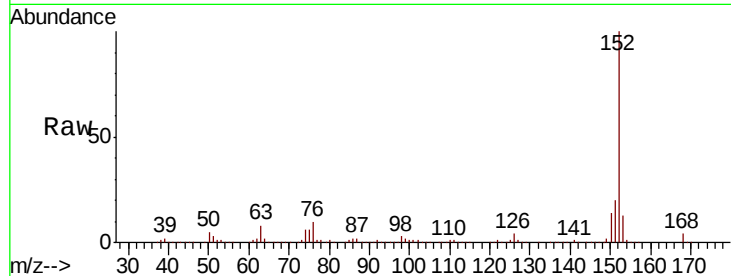
ClientSampled :

MW-1MSD

Tot Ion:	152	Resp:	736994
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.6
153	13.3	11.2	16.8

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#50

Dimethylphthalate

Concen: 48.254 ng

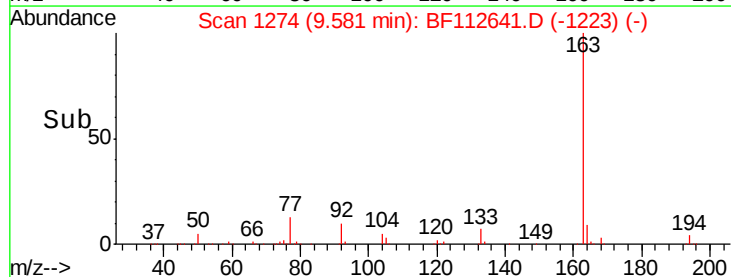
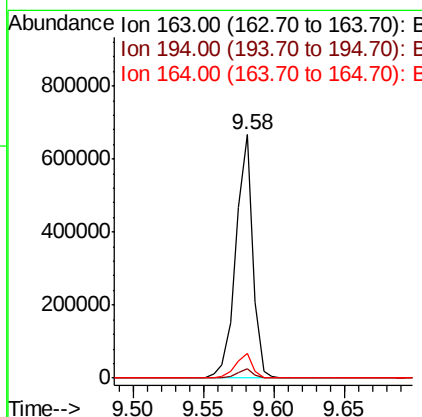
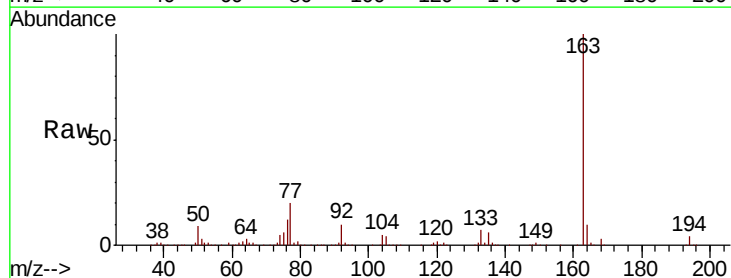
RT: 9.58 min Scan# 1274

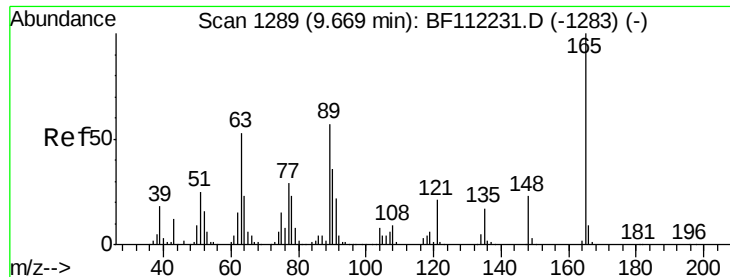
Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	163	Resp:	556013
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.3	4.9
164	10.0	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 47.921 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

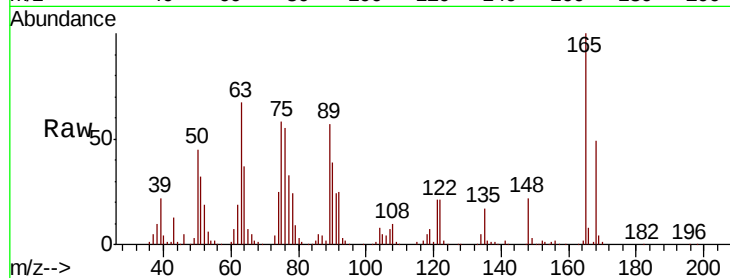
ClientSampleId :

MW-1MSD

Tot Ion:	165	Resp:	123664
Ion Ratio	Lower	Upper	
165	100		
63	67.0	33.8	50.8#
89	57.1	36.9	55.3#

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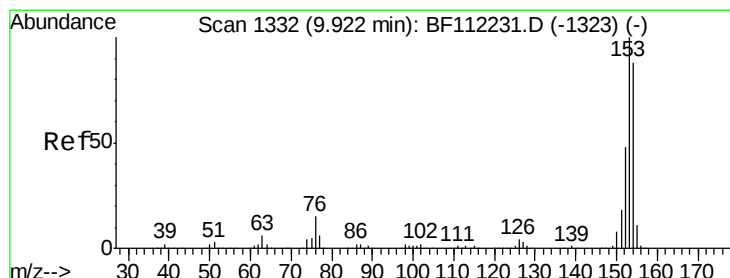
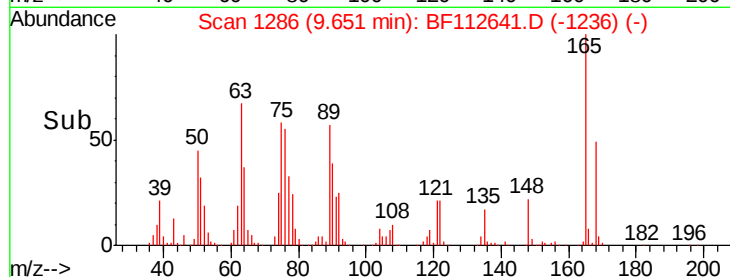
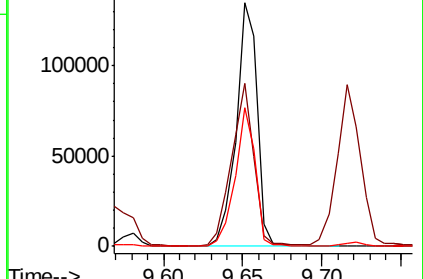
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 48.928 ng

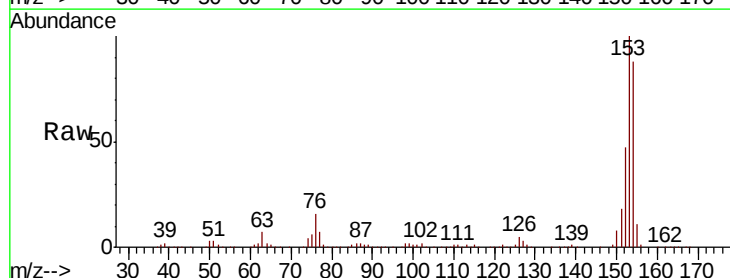
RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

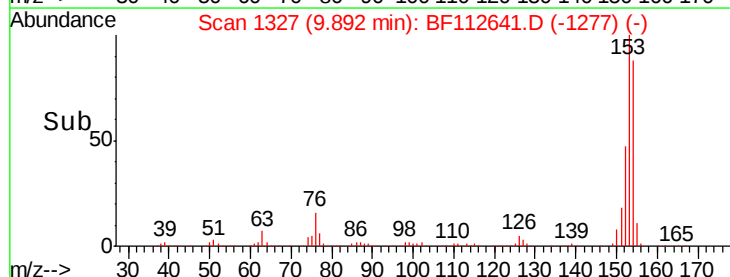
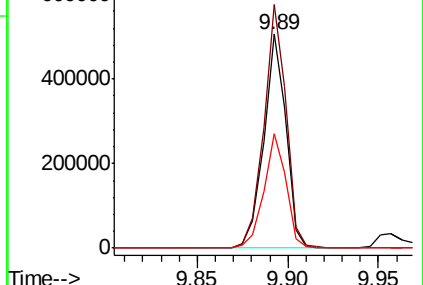
Tgt Ion:	154	Resp:	430726
Ion Ratio	Lower	Upper	
154	100		
153	113.9	89.8	134.6
152	53.3	43.5	65.3

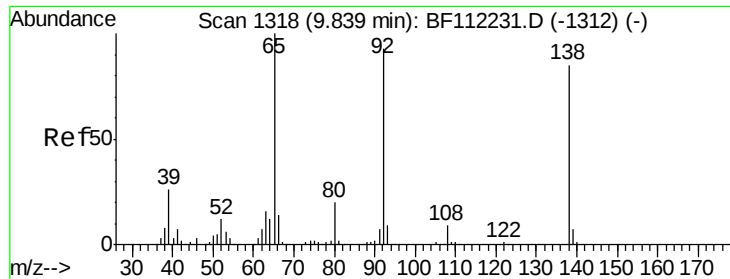


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





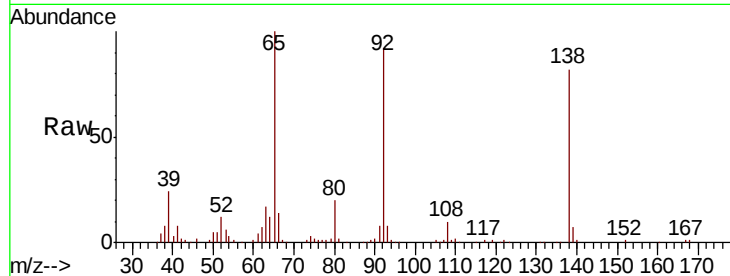
#53
3-Nitroaniline
Concen: 27.030 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

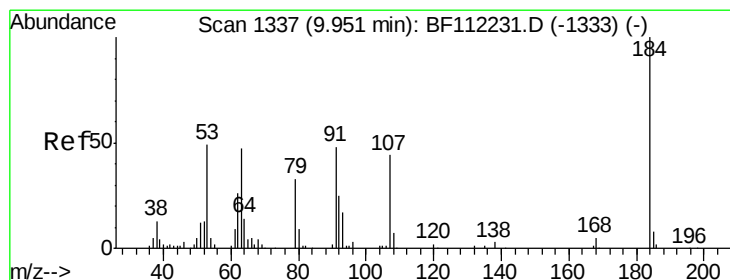
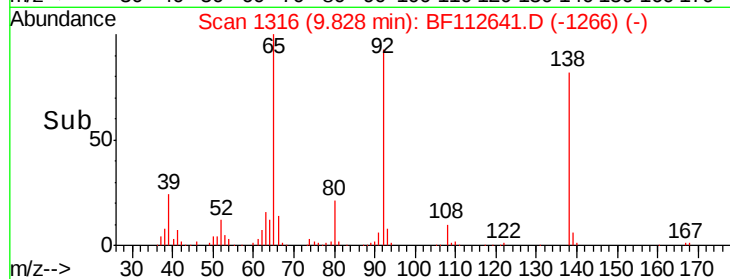
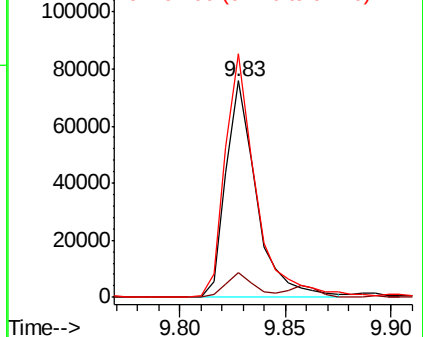
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	112.6	79.4	119.2

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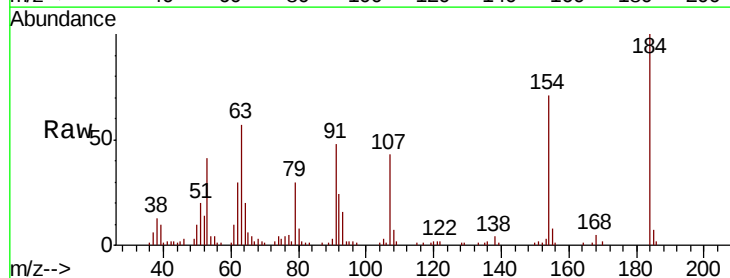


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

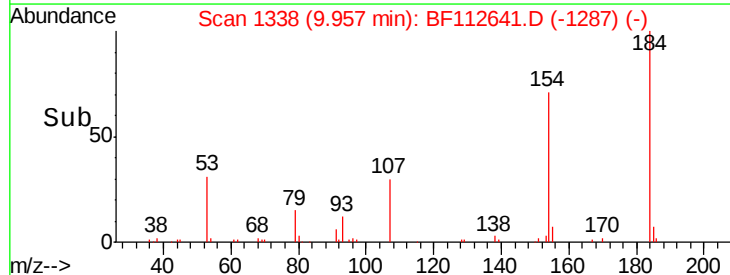
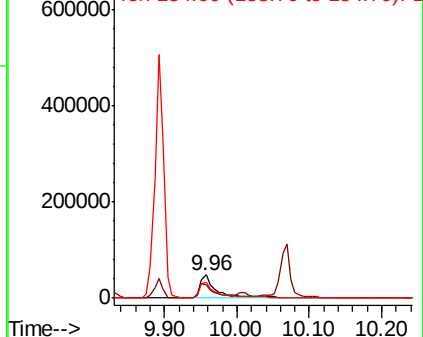


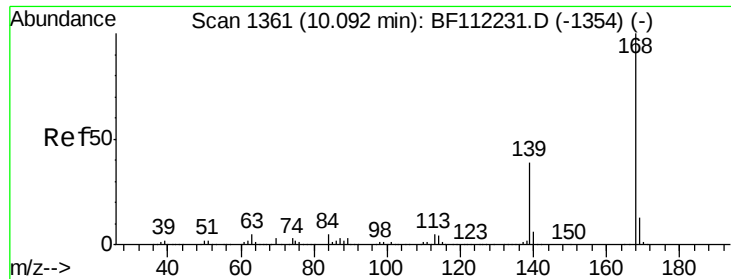
#54
2,4-Dinitrophenol
Concen: 96.991 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.1	70.7
154	71.2	48.9	73.3



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





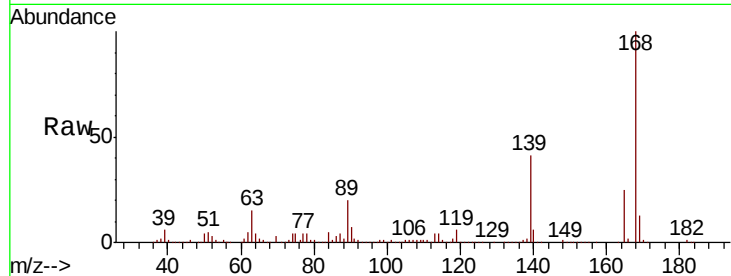
#55
Dibenzofuran
Concen: 47.864 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleID :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	643896		
139	40.5	29.2	43.8	
169	13.3	11.4	17.0	

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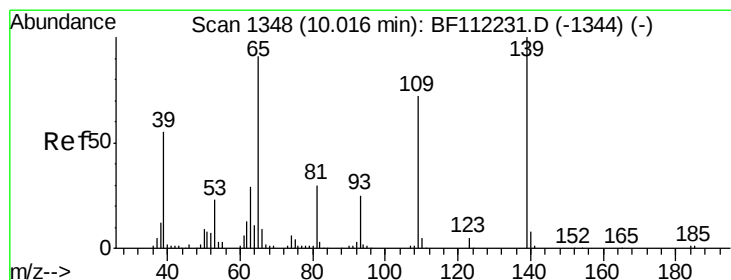
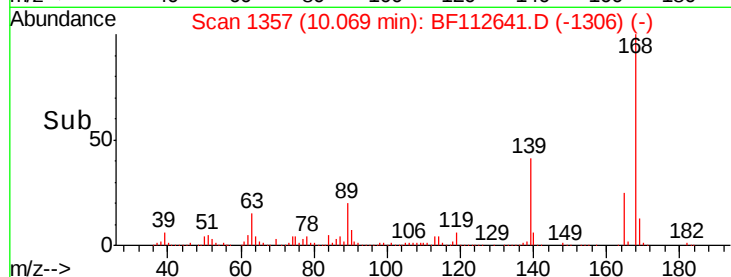
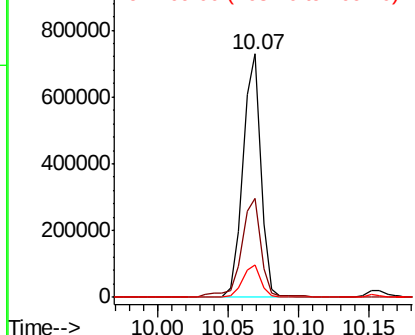


Abundance

Ion 168.00 (167.70 to 168.70): E

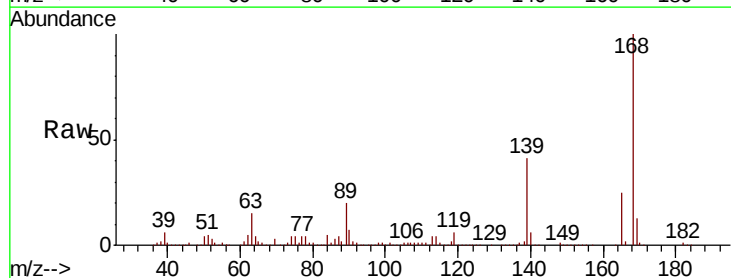
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 197.966 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	292612		
109	2.7	42.8	82.8#	
65	5.4	66.1	106.1#	

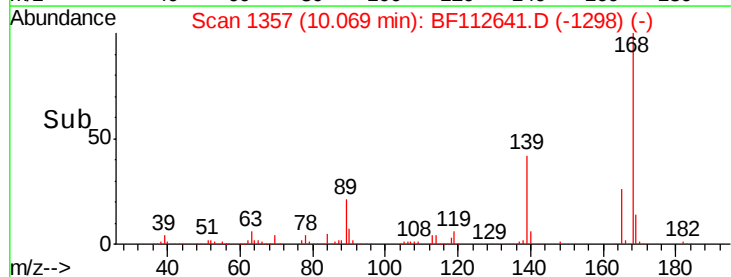
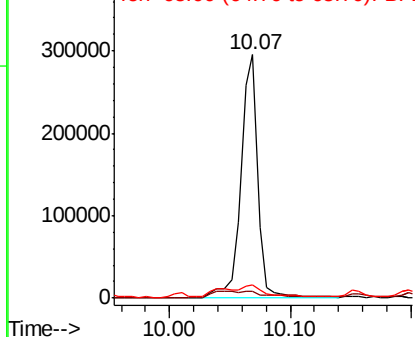


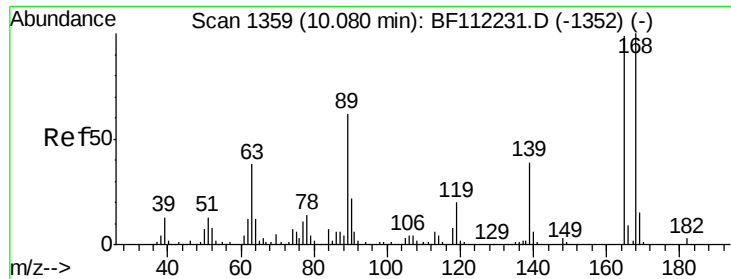
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





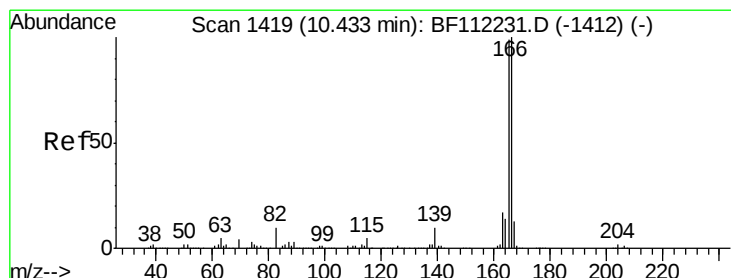
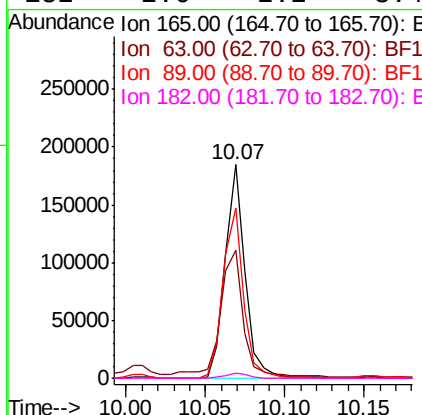
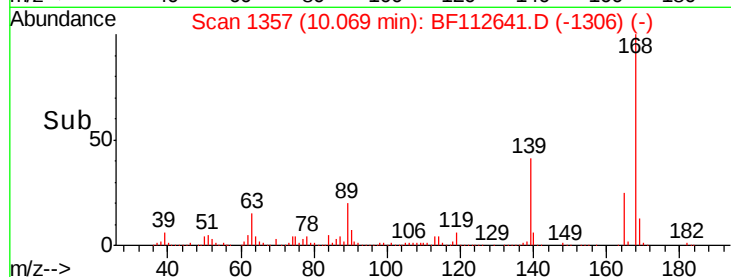
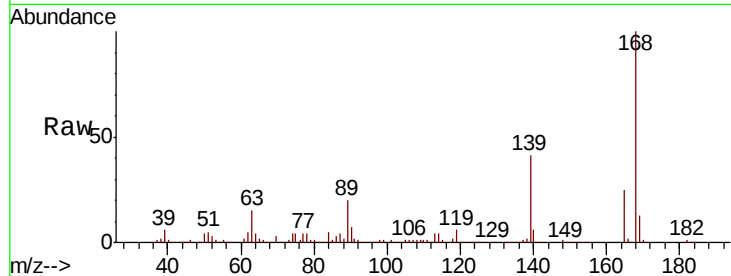
#57
 2,4-Dinitrotoluene
 Concen: 49.096 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampled :
 MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	161294		
63	60.2	27.9	41.9#	
89	79.6	47.9	71.9#	
182	2.6	2.2	3.4	

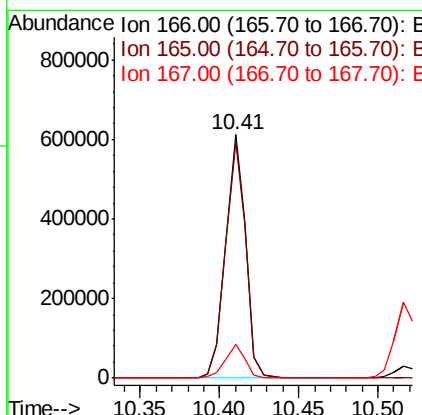
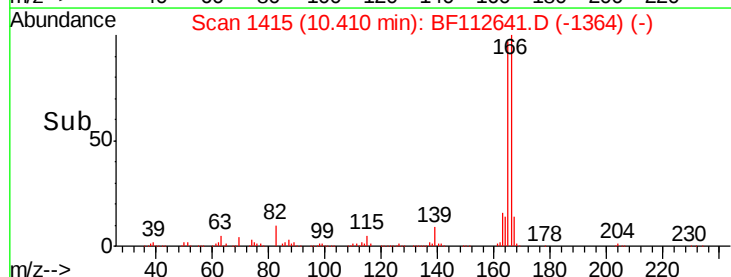
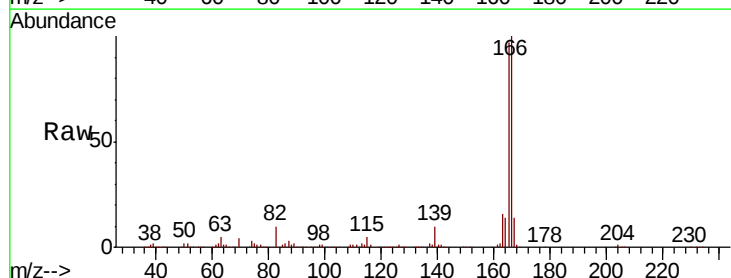
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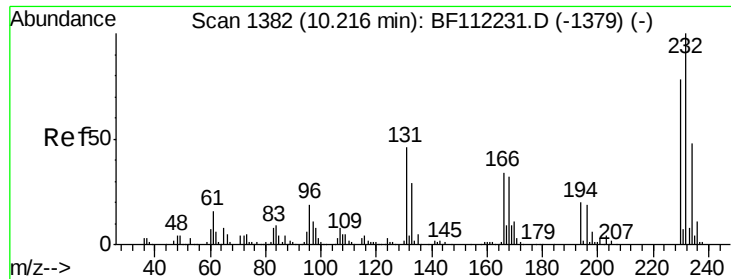
Sohil
 2/21/2019 10:09:55 AM



#58
 Fluorene
 Concen: 53.036 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	533917		
165	97.2	77.1	115.7	
167	13.6	11.3	16.9	





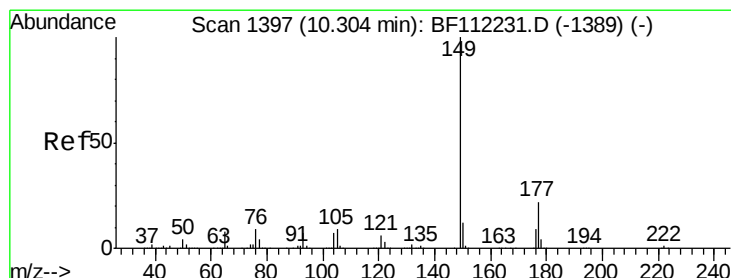
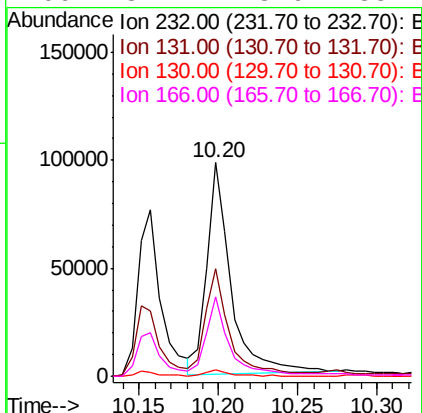
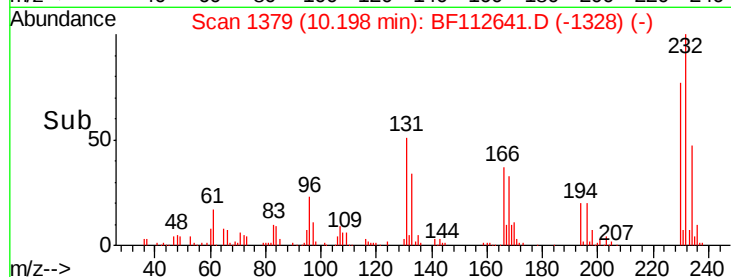
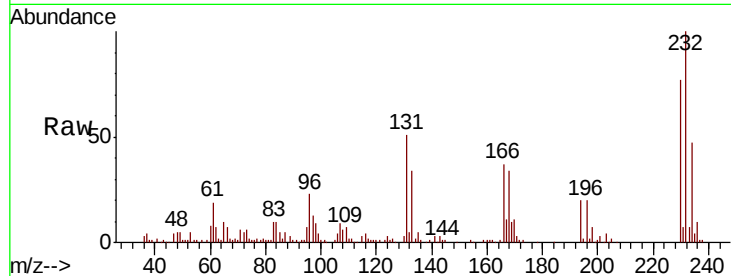
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.093 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	50.5	33.9	50.9	
130	2.9	1.8	2.6	
166	34.1	23.6	35.4	

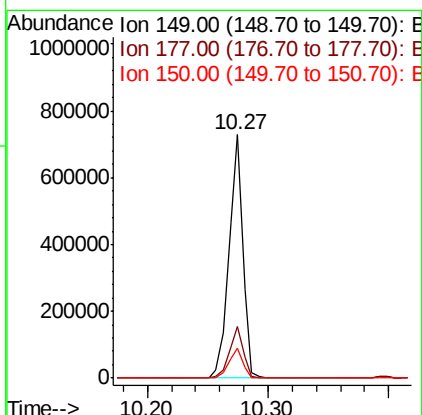
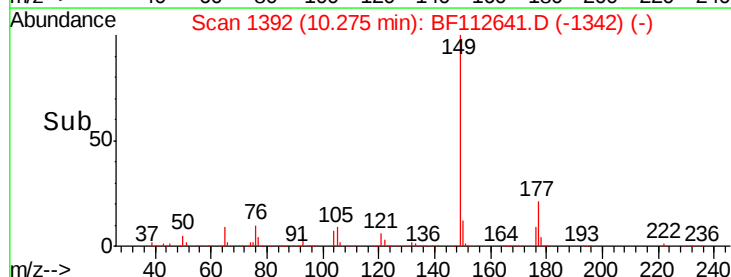
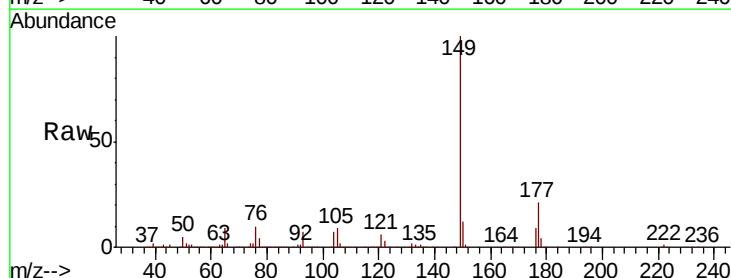
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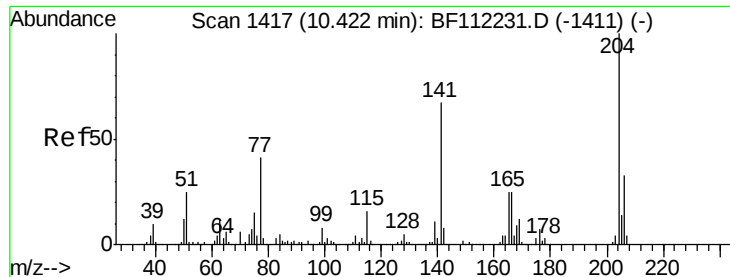
Sohil
 2/21/2019 10:09:55 AM



#60
 Diethylphthalate
 Concen: 51.009 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.4	18.2	27.2	
150	12.2	10.4	15.6	





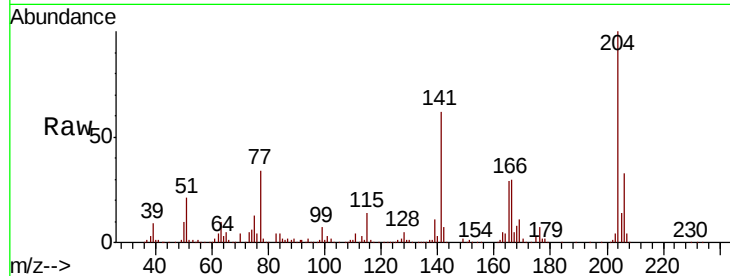
#61
4-Chlorophenyl-phenylether
Concen: 47.278 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	61.6	45.9	68.9

Manual Integrations
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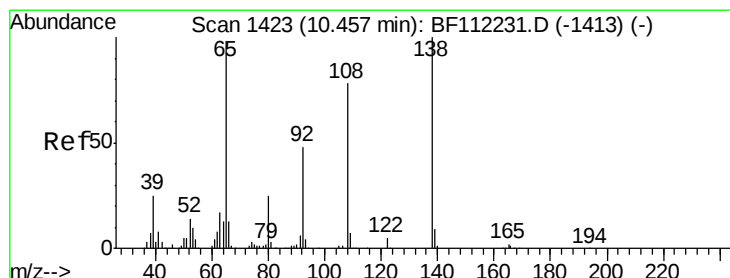
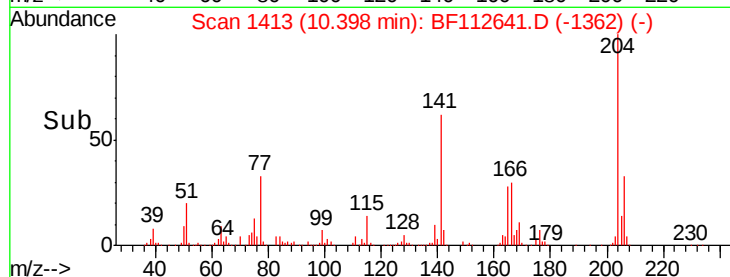
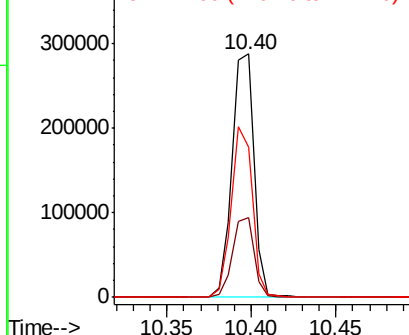


Abundance

Ion 204.00 (203.70 to 204.70): E

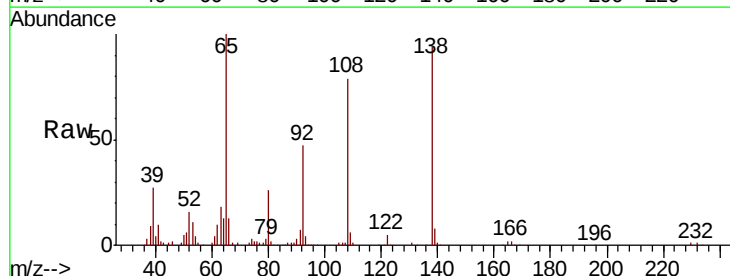
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.919 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.6	70.6
108	83.4	50.0	90.0

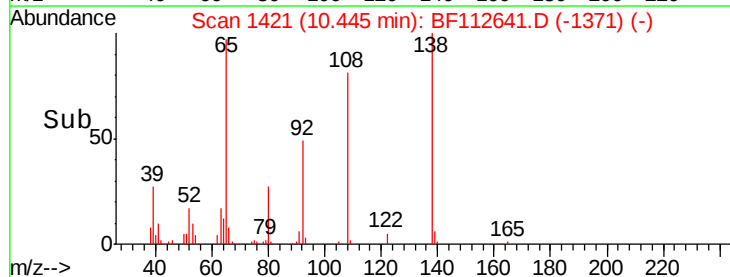
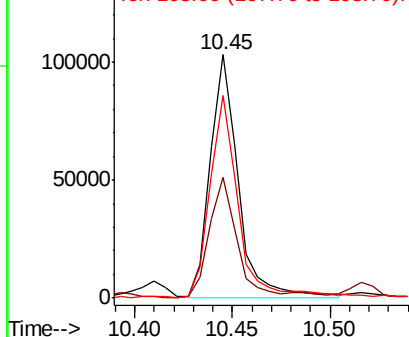


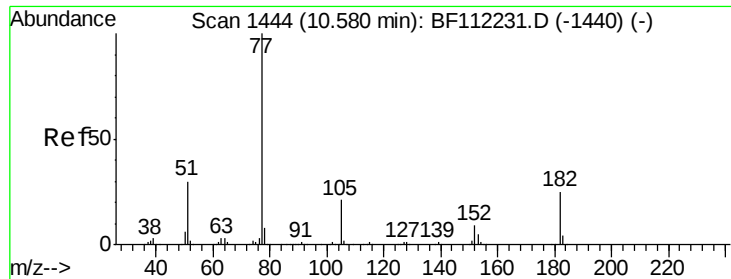
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





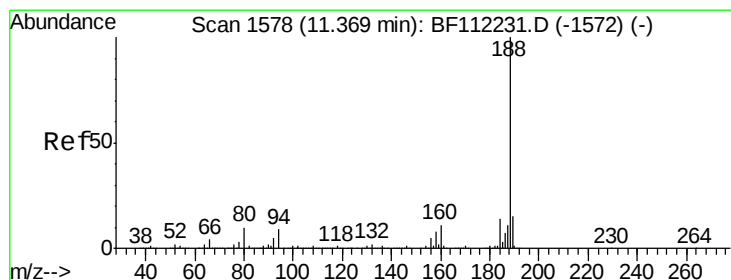
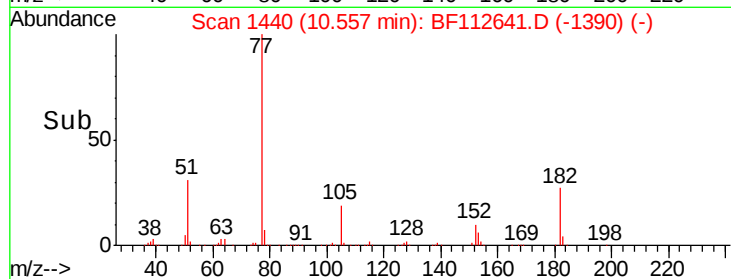
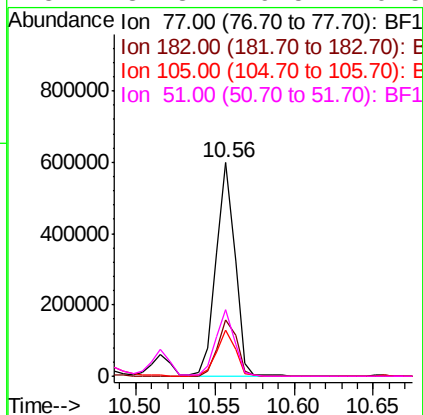
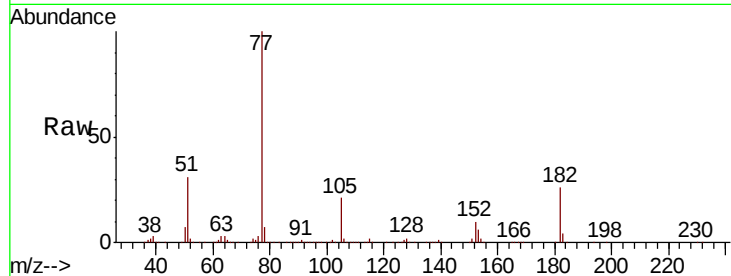
#63
Azobenzene
Concen: 49.342 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.7	45.7
105	21.5	1.4	41.4
51	31.3	9.5	49.5

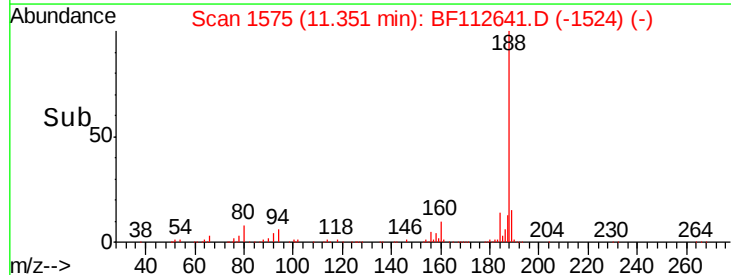
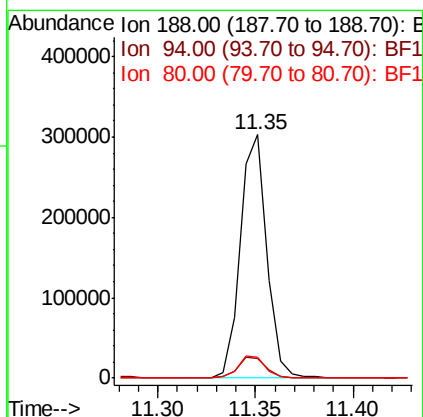
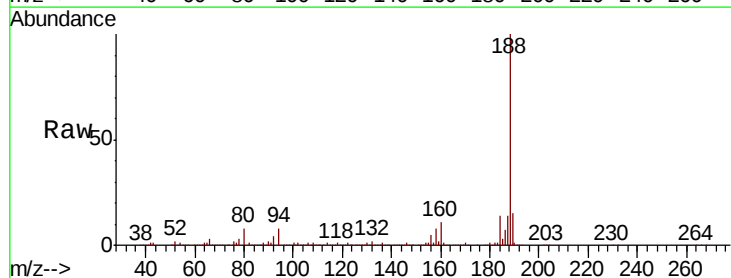
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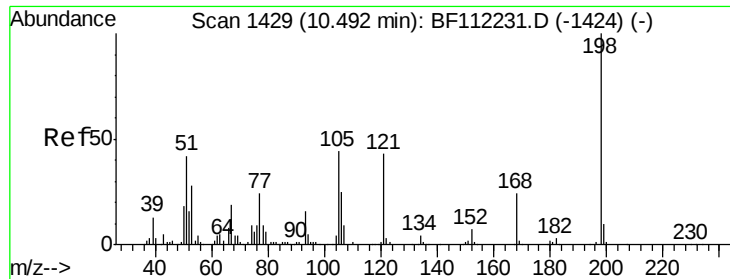
Sohil
2/21/2019 10:09:55 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.4	8.9	13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 36.517 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

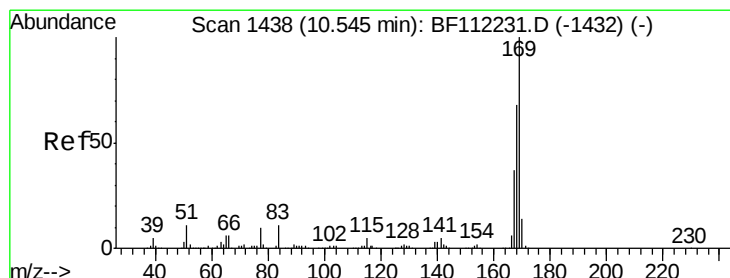
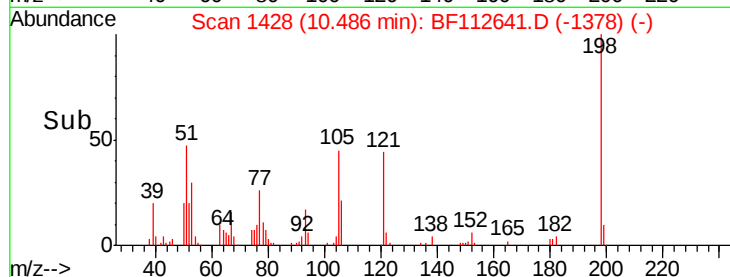
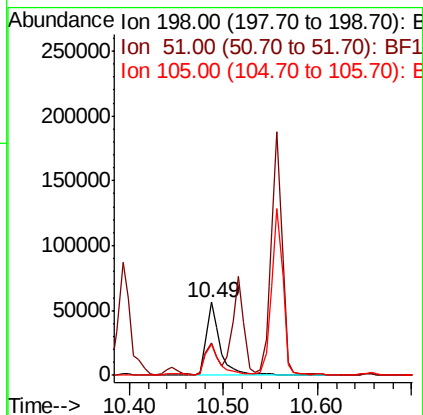
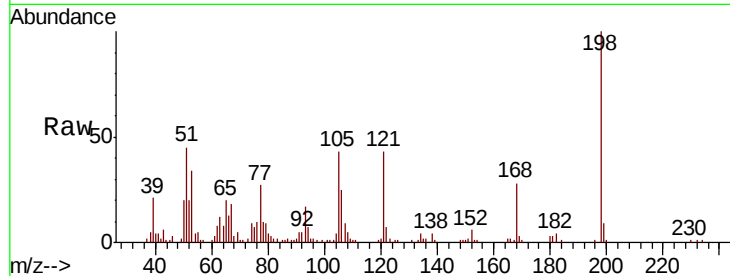
ClientSampled :

MW-1MSD

Tot Ion:	198	Resp:	58266
Ion Ratio	Lower	Upper	
198	100		
51	45.0	17.2	57.2
105	43.1	21.9	61.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 47.990 ng

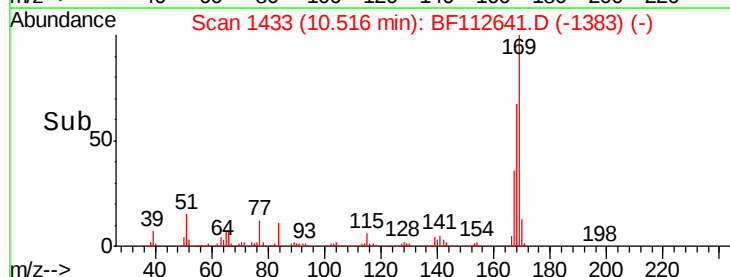
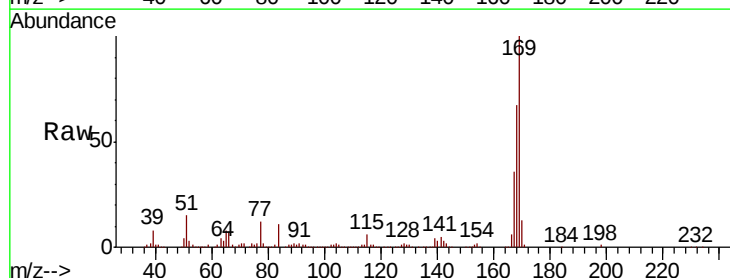
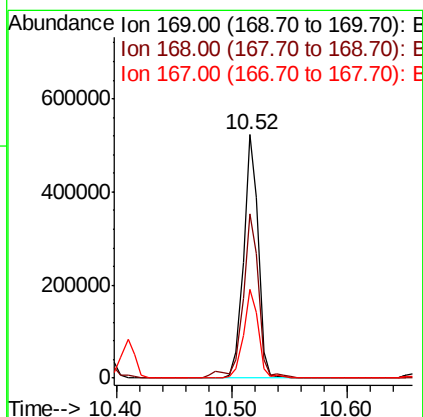
RT: 10.52 min Scan# 1433

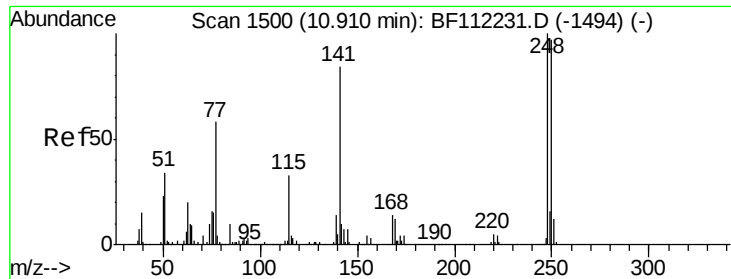
Delta R.T. -0.01 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	169	Resp:	460296
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.9	80.9
167	36.3	28.9	43.3





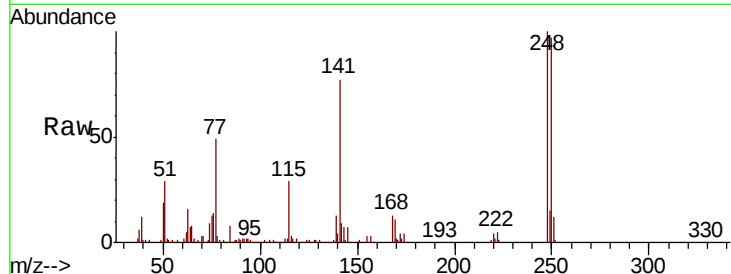
#67
4-Bromophenyl-phenylether
Concen: 46.331 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.7	119.5
141	76.9	60.3	90.5

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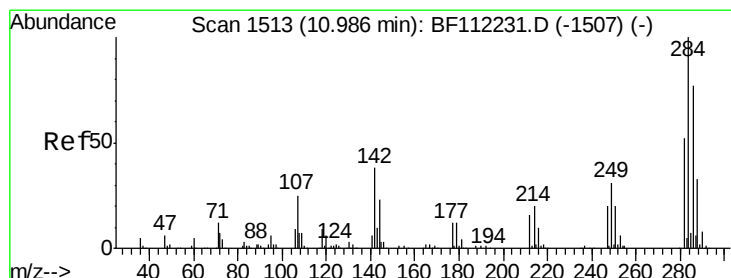
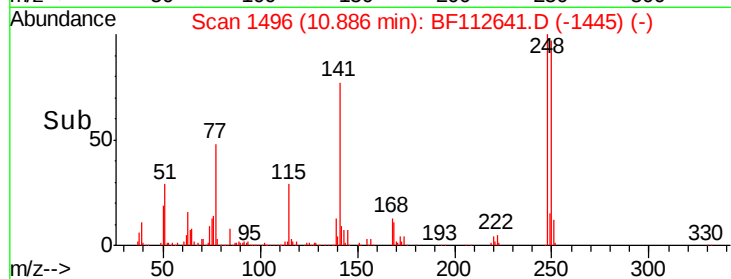
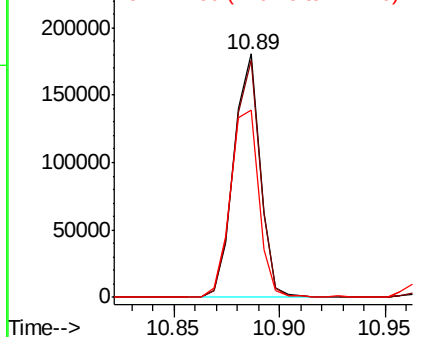


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.058 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

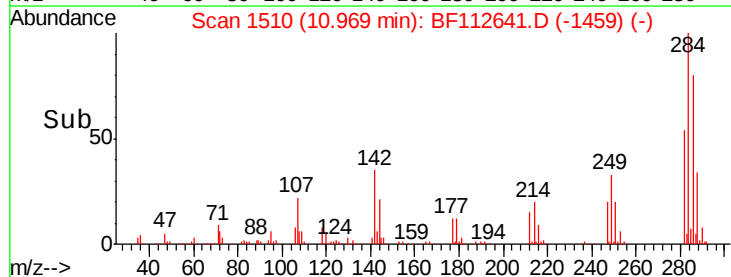
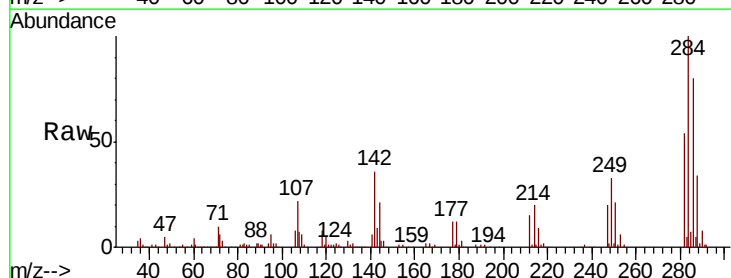
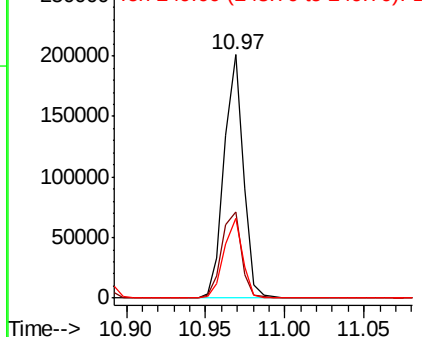
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.6	41.4
249	32.7	24.1	36.1

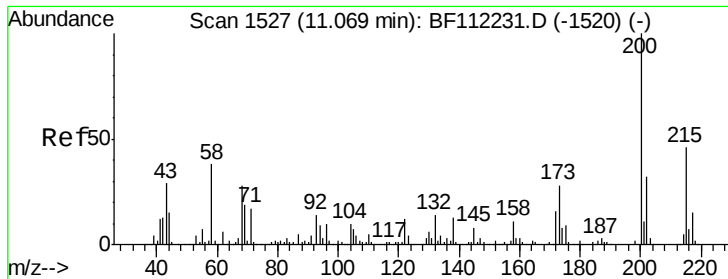
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





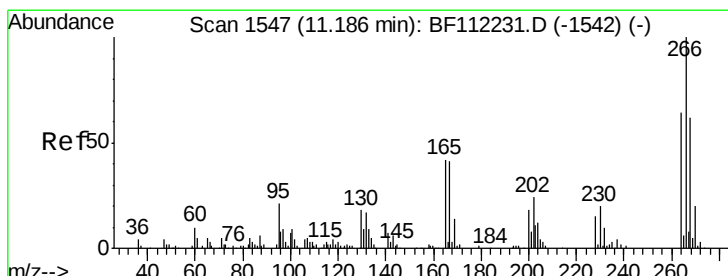
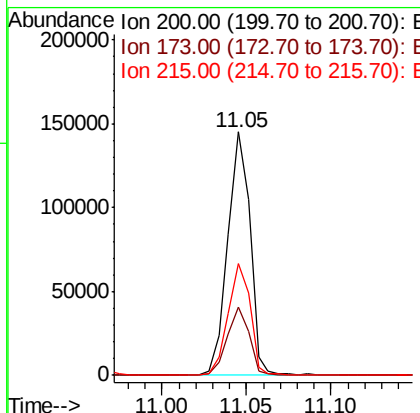
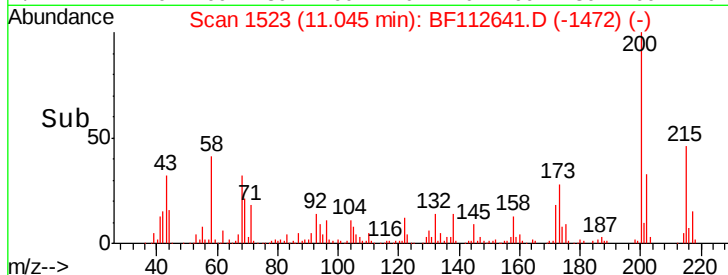
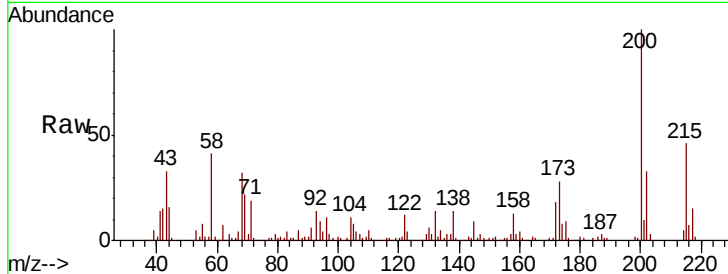
#69
Atrazine
Concen: 43.140 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	7.1	47.1
215	45.9	30.4	70.4

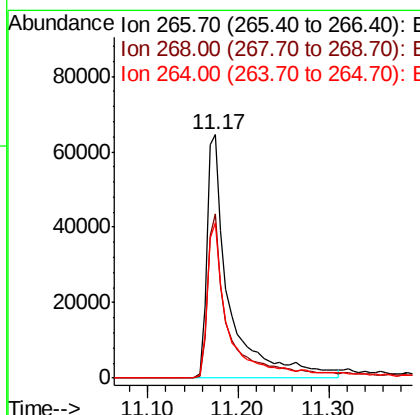
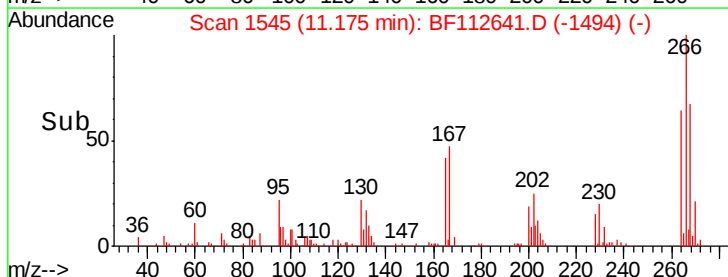
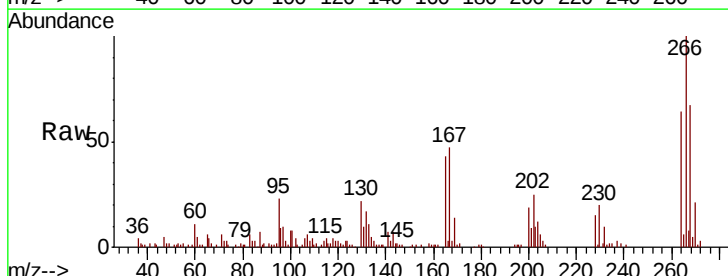
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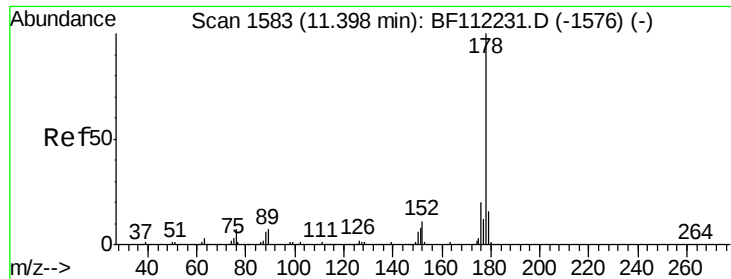
Sohil
2/21/2019 10:09:55 AM



#70
Pentachlorophenol
Concen: 80.560 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.2	51.2	76.8
264	64.0	50.9	76.3





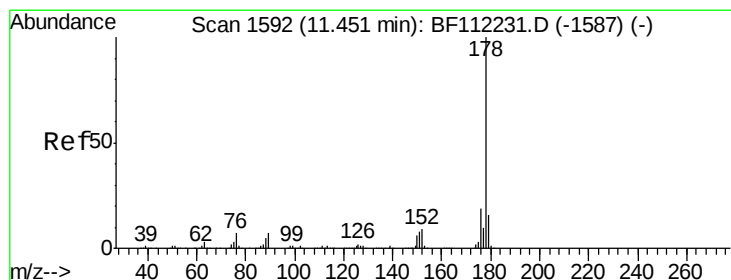
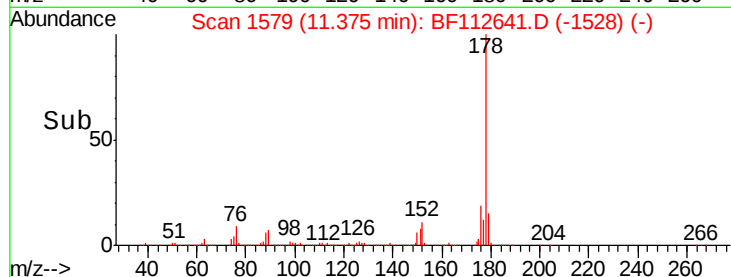
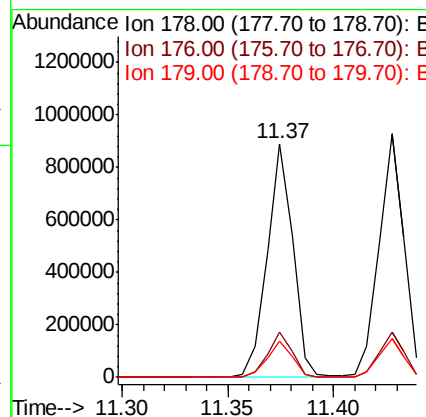
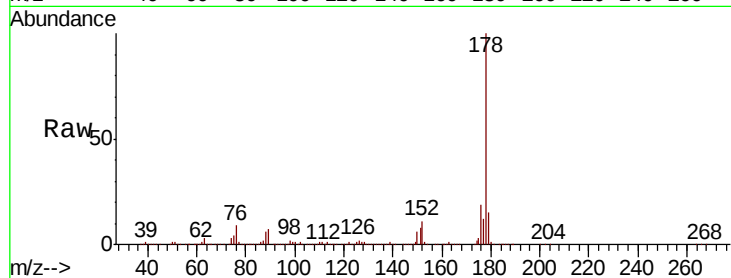
#71
Phenanthrene
Concen: 51.121 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

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

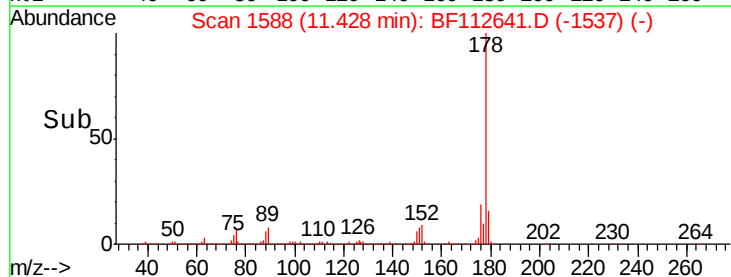
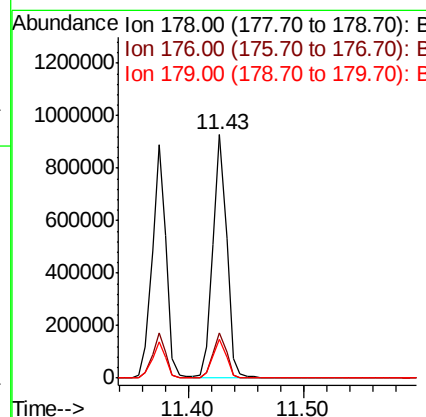
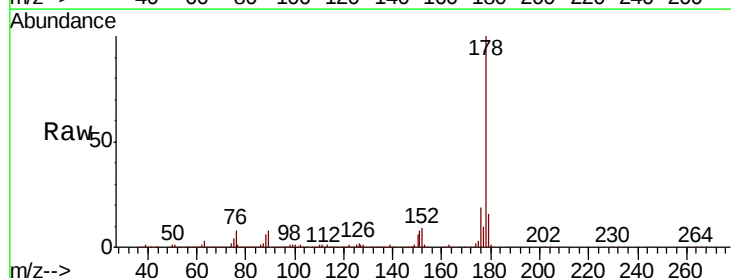
Manual Integrations
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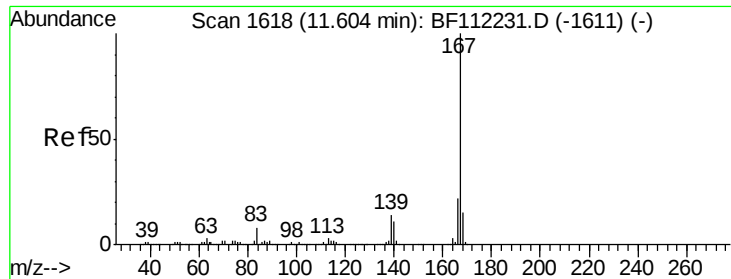
Sohil
2/21/2019 10:09:55 AM



#72
Anthracene
Concen: 53.058 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.7	12.8	19.2





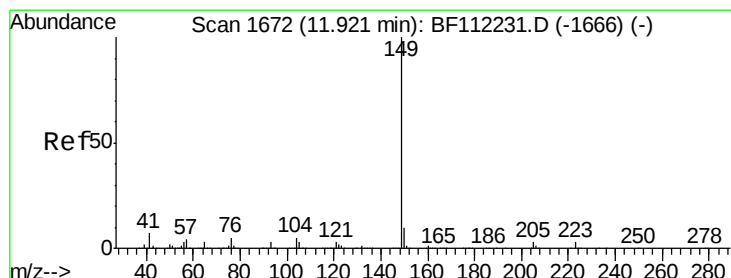
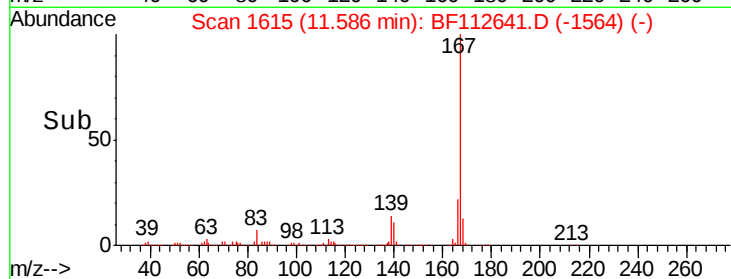
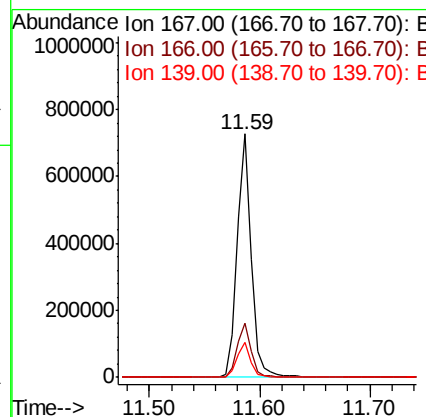
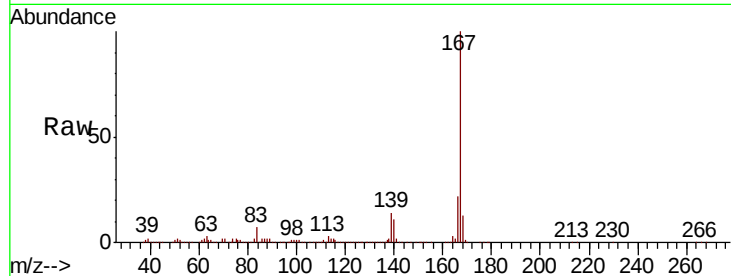
#73
 Carbazole
 Concen: 44.868 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion:	167	Resp:	652290
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.9	26.9
139	14.3	10.2	15.2

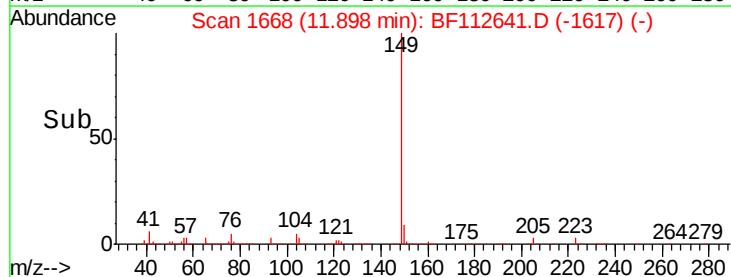
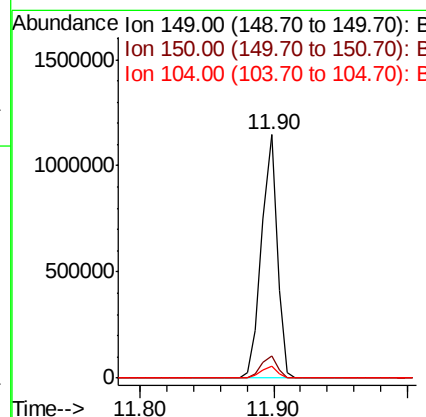
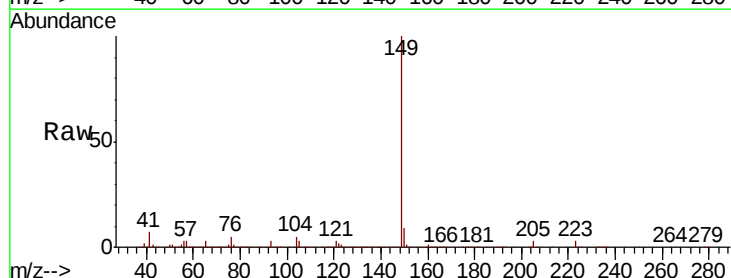
Manual Integrations
 APPROVED

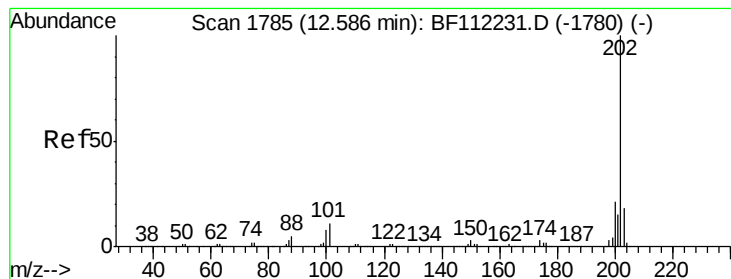
Sohil
 2/21/2019 10:09:55 AM



#74
 Di-n-butylphthalate
 Concen: 50.777 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion:	149	Resp:	916279
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.1	12.1
104	5.1	3.9	5.9





#75

Fluoranthene

Concen: 47.101 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

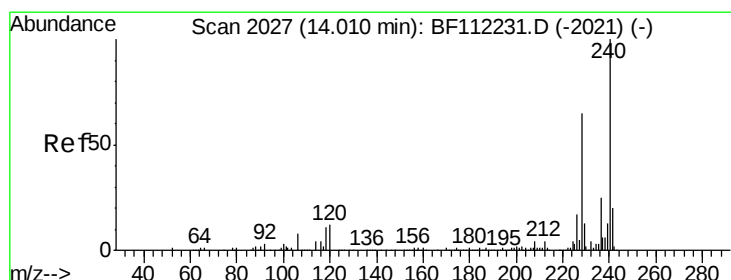
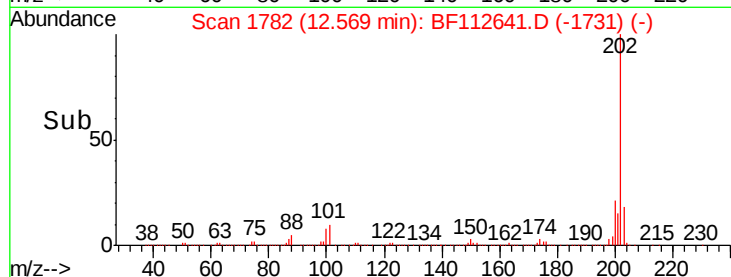
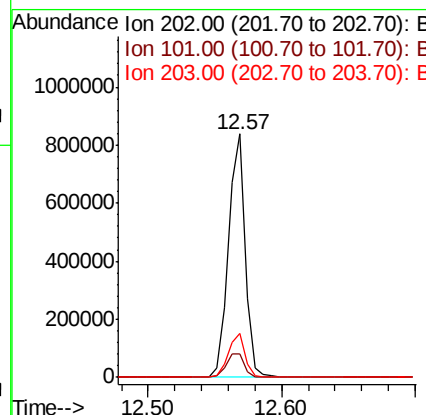
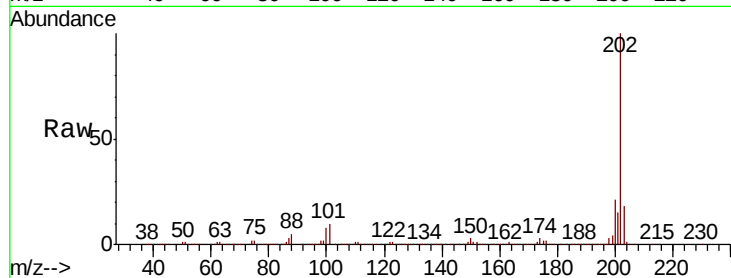
ClientSampled :

MW-1MSD

Tot Ion:	202	Resp:	747444
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.8
203	17.8	0.0	38.4

Manual Integrations
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Sohil
2/21/2019 10:09:55 AM



#76

Chrysene-d12

Concen: 20.000 ng

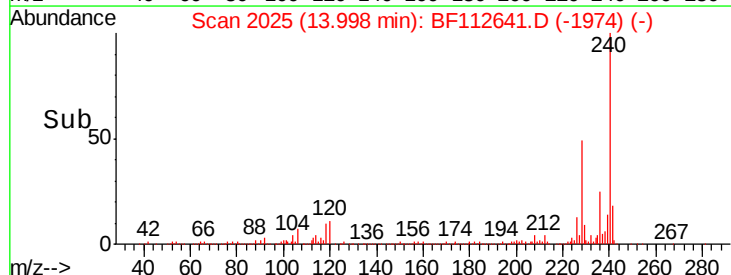
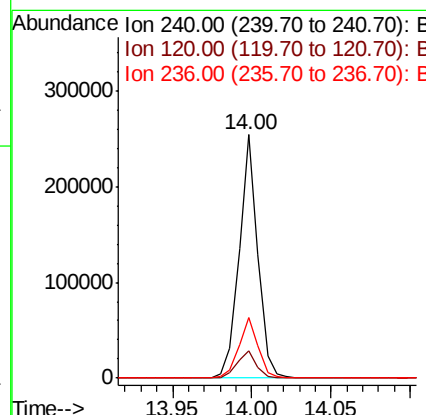
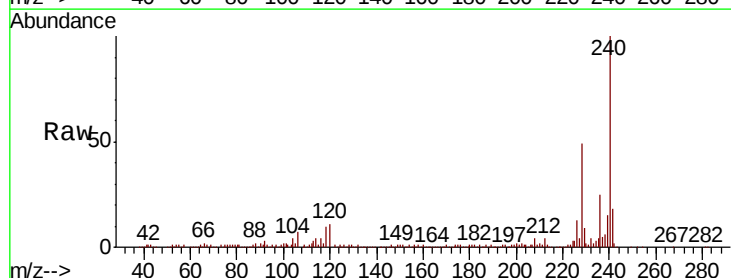
RT: 14.00 min Scan# 2025

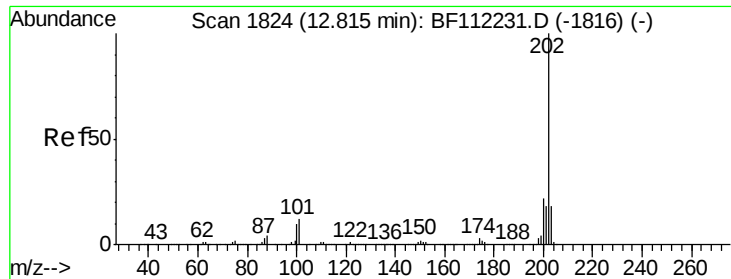
Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	240	Resp:	207257
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.0	13.6
236	25.0	20.7	31.1





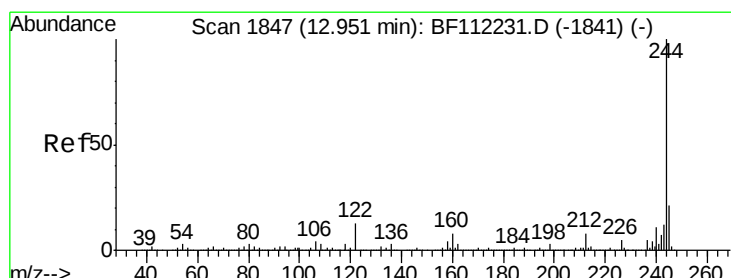
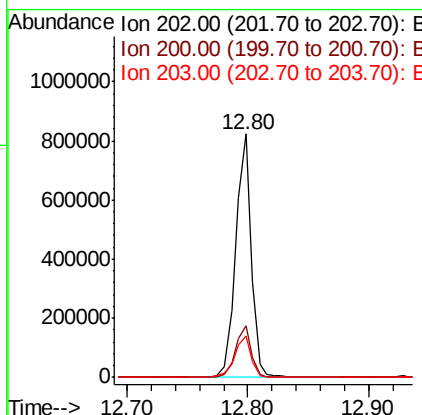
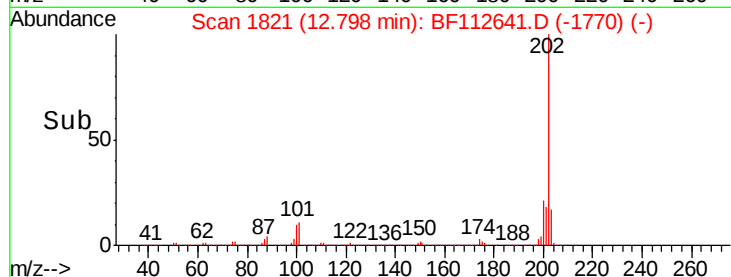
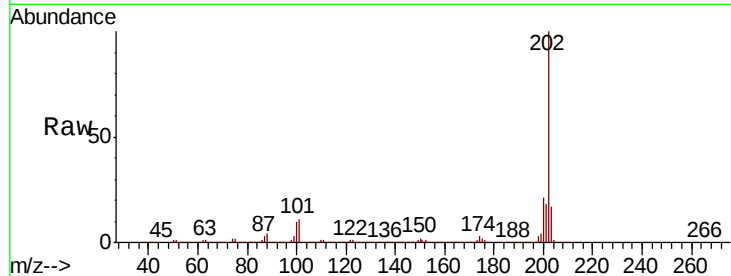
#78
Pvrene
Concen: 51.421 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.0	14.6	22.0

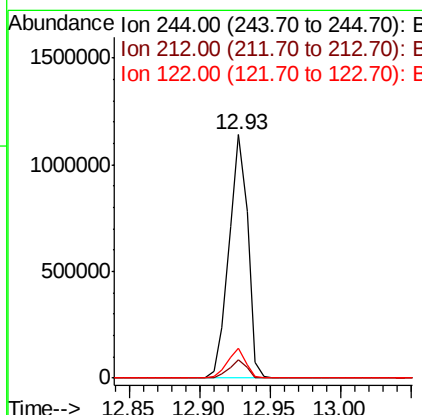
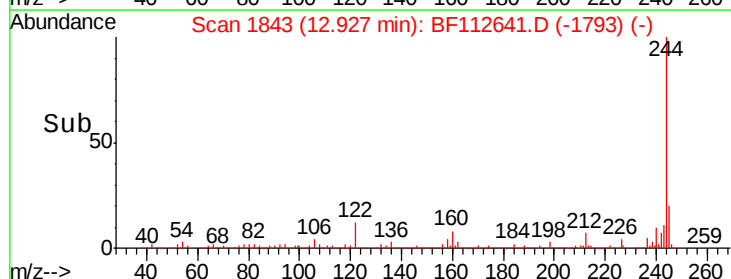
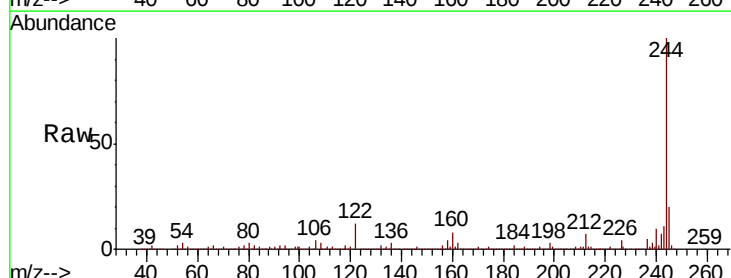
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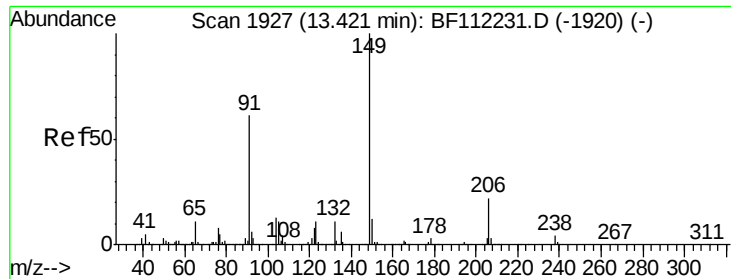
Sohil
2/21/2019 10:09:55 AM



#79
Terphenyl-d14
Concen: 96.254 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	12.1	9.8	14.6





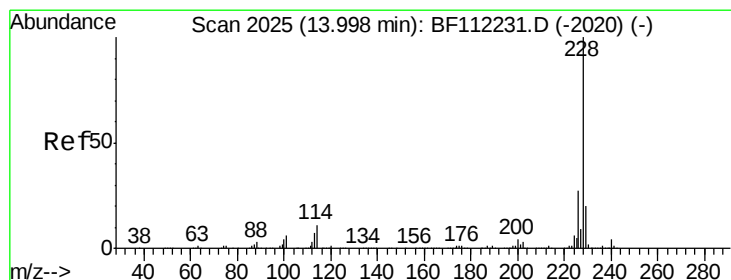
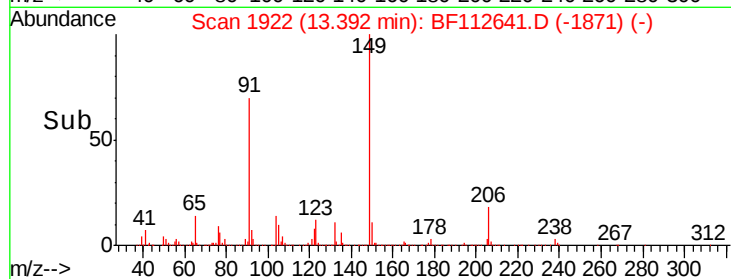
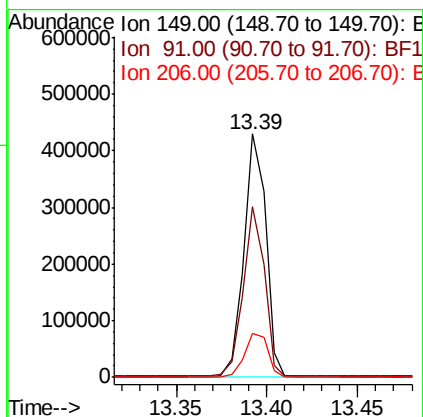
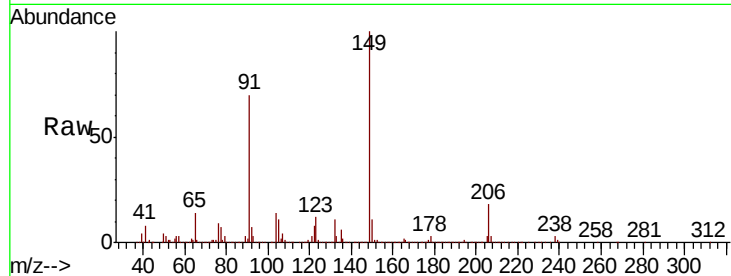
#80
Butylbenzylphthalate
Concen: 51.925 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	360487		
91	70.2	50.3	75.5	
206	17.8	18.2	27.4	

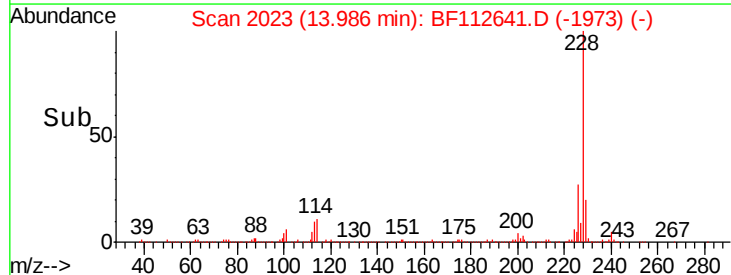
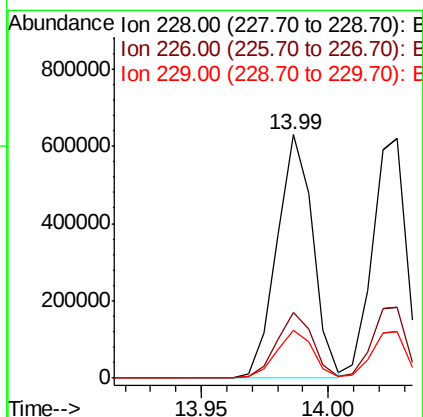
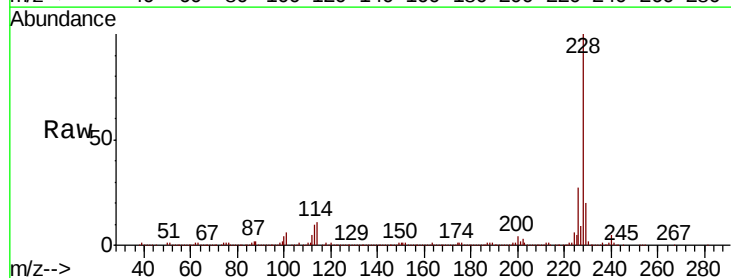
Manual Integrations
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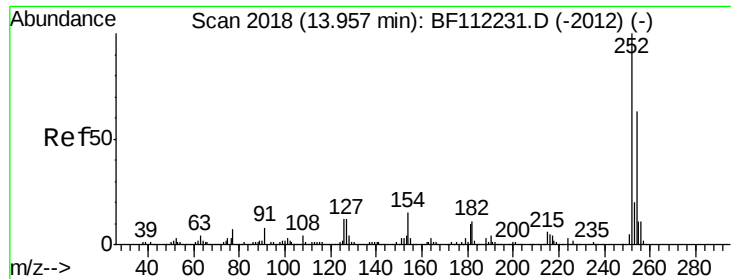
Sohil
2/21/2019 10:09:55 AM



#81
Benzo(a)anthracene
Concen: 50.666 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	617299		
226	27.2	22.6	34.0	
229	19.7	16.5	24.7	





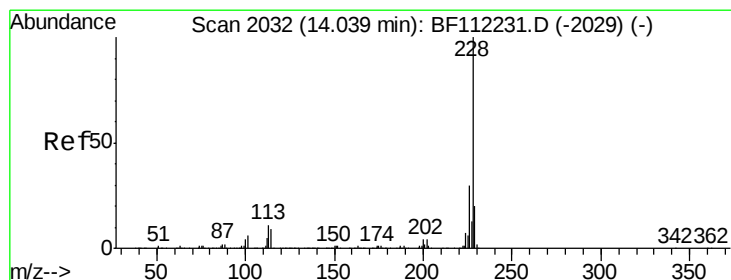
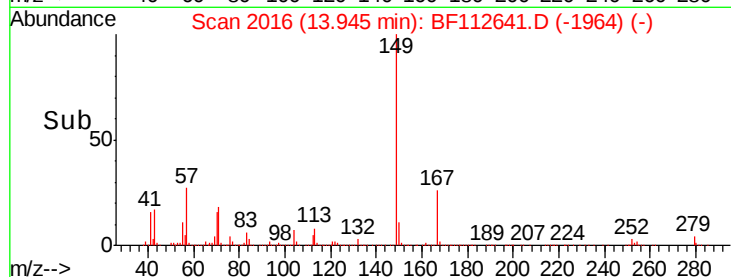
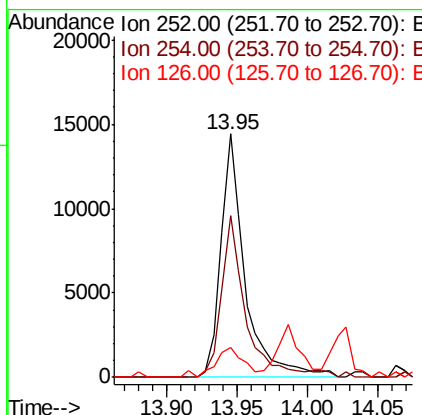
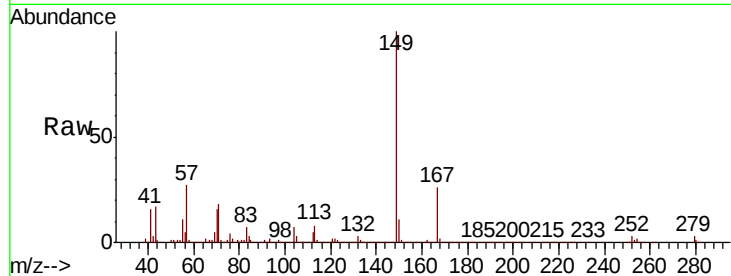
#82
 3,3'-Dichlorobenzidine
 Concen: 3.775 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	17211		
254	66.6		51.6	77.4
126	12.1		8.6	12.8

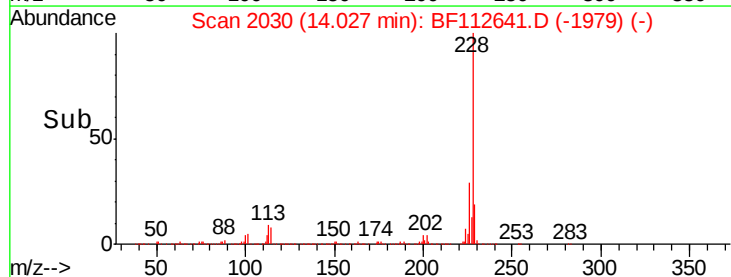
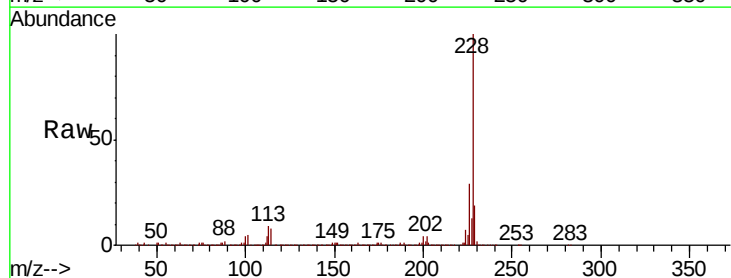
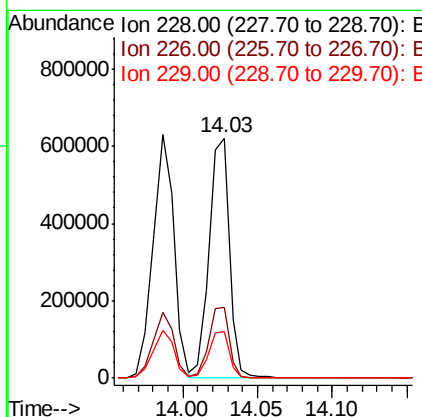
Manual Integrations
 APPROVED

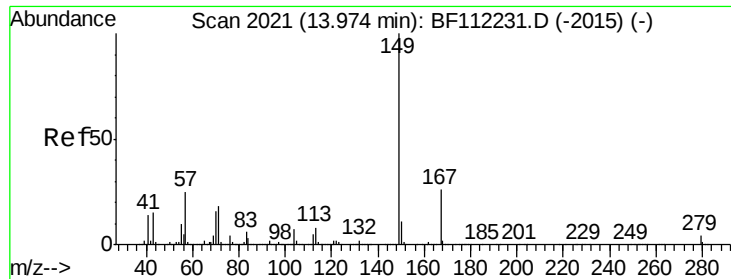
Sohil
 2/21/2019 10:09:55 AM



#83
 Chrysene
 Concen: 50.423 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	586410		
226	29.4		25.0	37.6
229	19.2		16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 52.606 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Instrument :

BNA_F

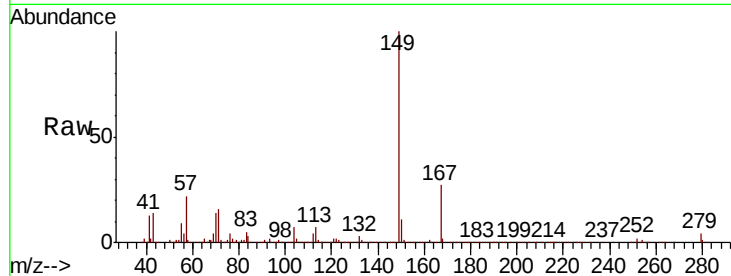
ClientSampleId :

MW-1MSD

Tot Ion:	149	Resp:	518414
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.5	33.7
279	4.4	3.8	5.6

Manual Integrations
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2/21/2019 10:09:55 AM

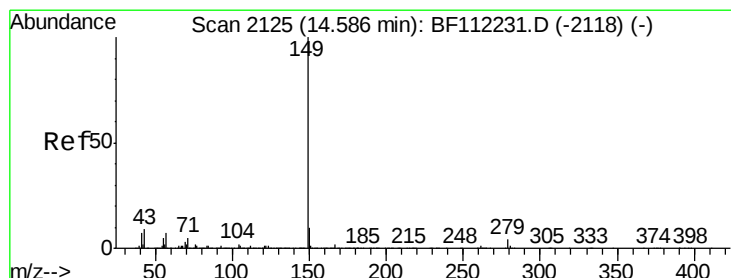
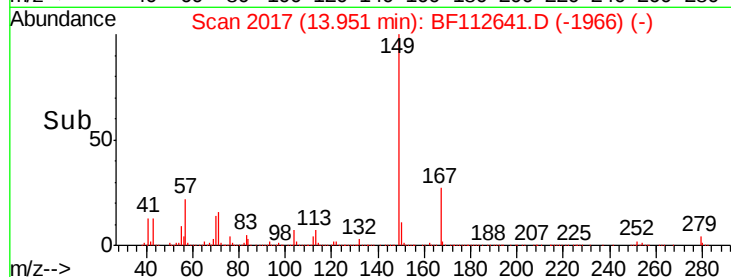
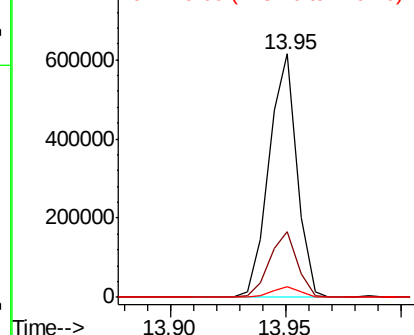


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 55.218 ng

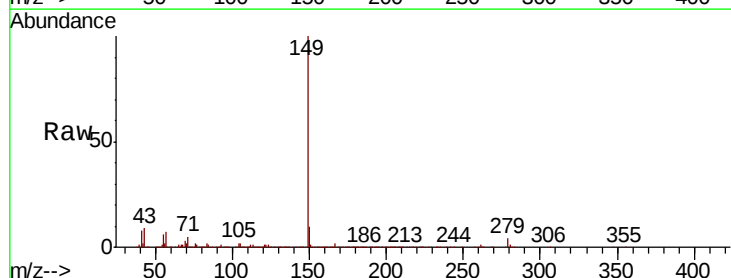
RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF112641.D

Acq: 20 Feb 2019 14:53

Tgt Ion:	149	Resp:	837209
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.7	7.8	11.6

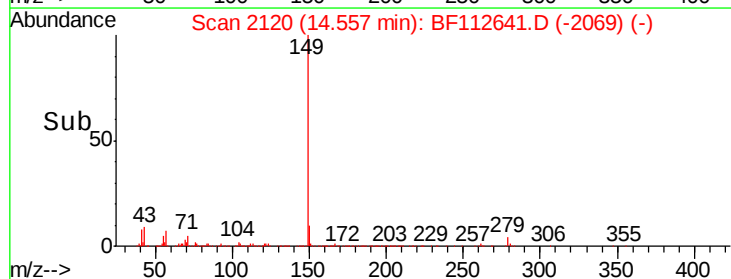
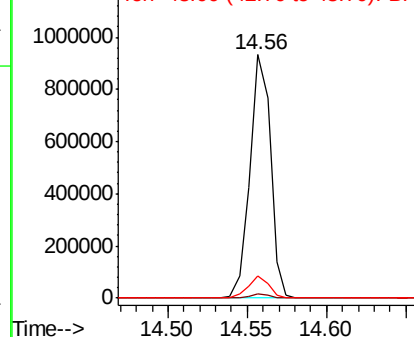


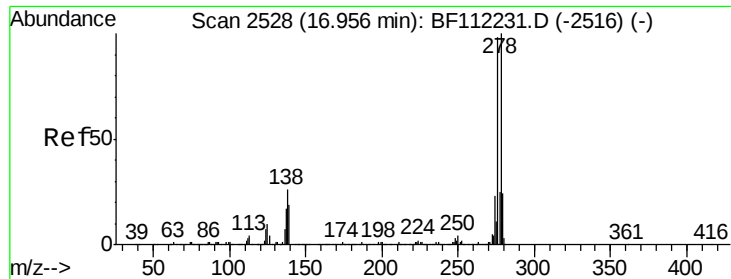
Abundance

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





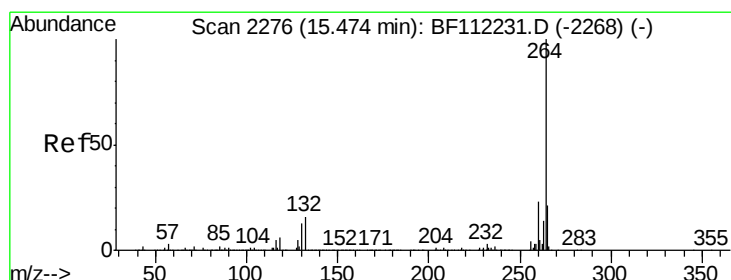
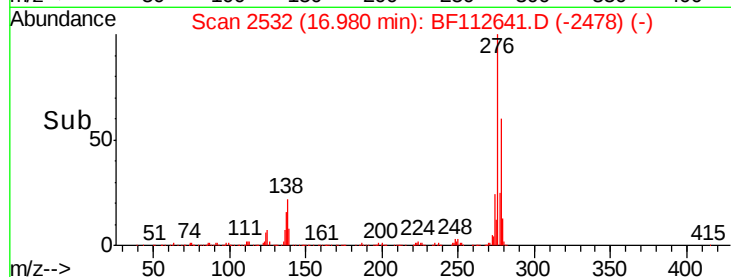
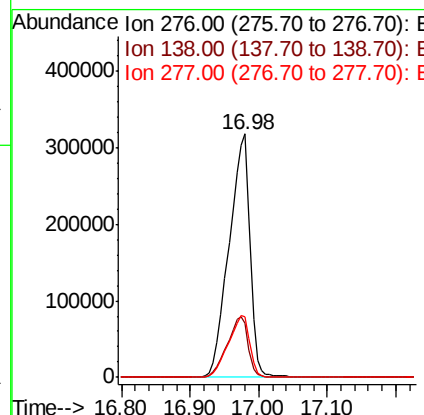
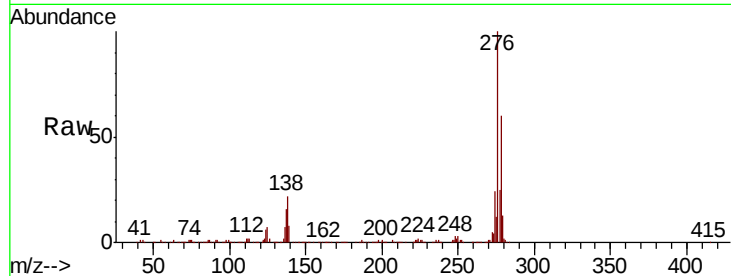
#86
Indeno(1,2,3-cd)pyrene
Concen: 73.207 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.6	34.0
277	25.9	20.3	30.5

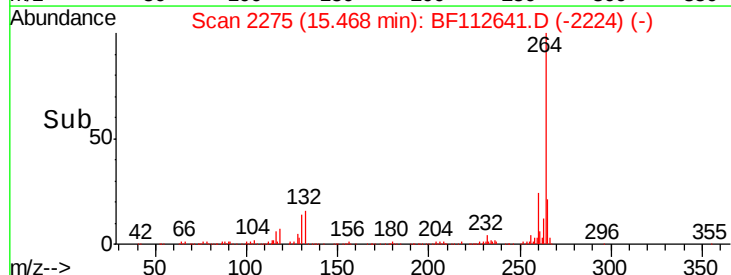
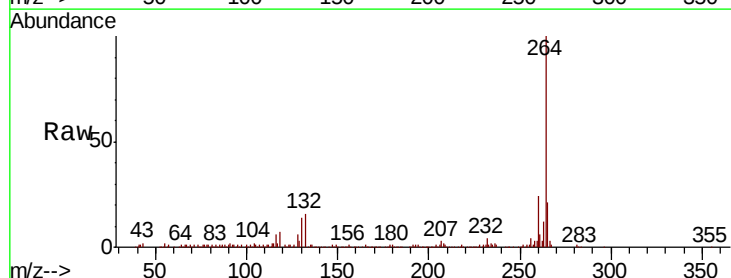
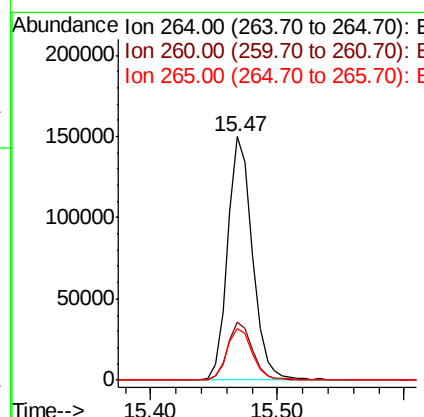
Manual Integrations
APPROVED

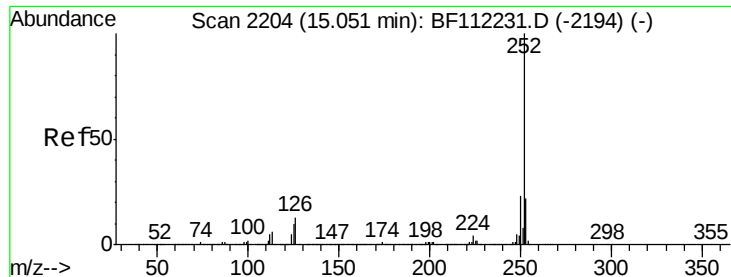
Sohil
2/21/2019 10:09:55 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	20.9	17.0	25.4





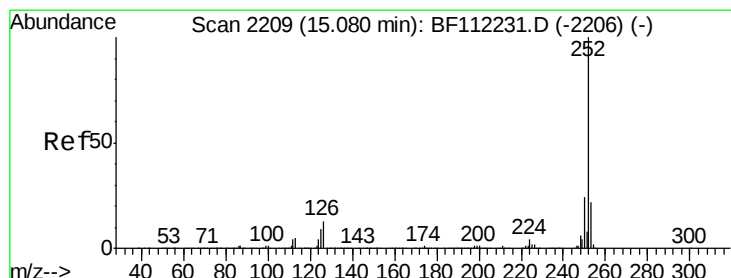
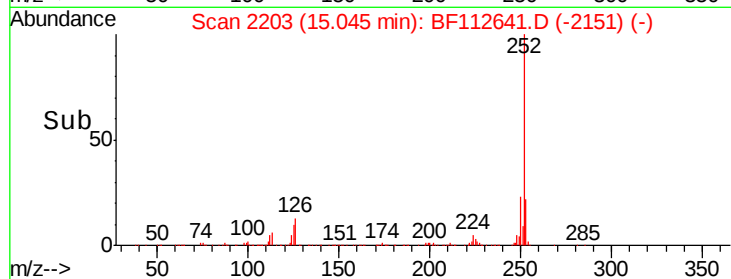
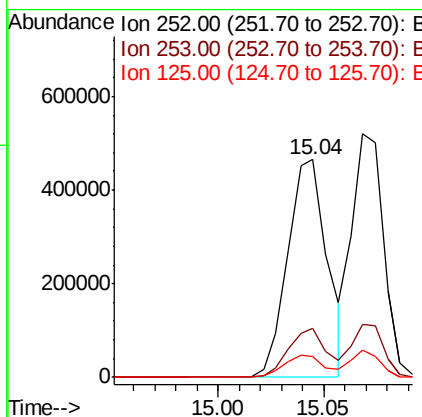
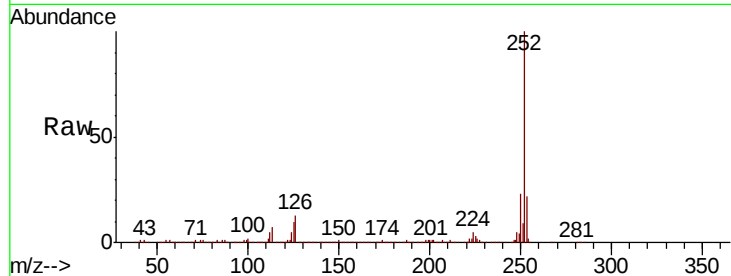
#88
Benzo(b)fluoranthene
Concen: 50.323 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.6	8.7	13.1

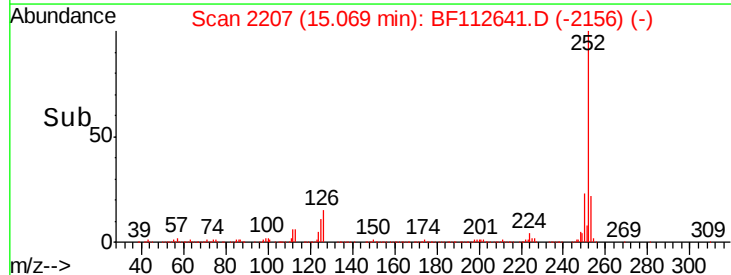
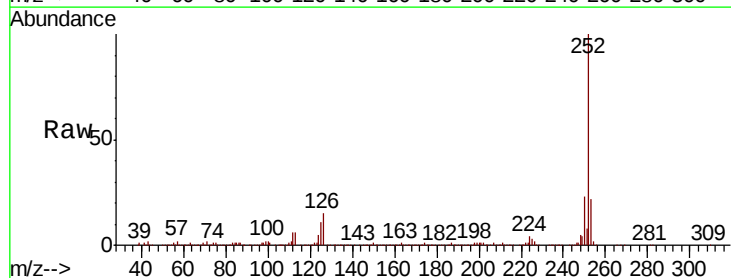
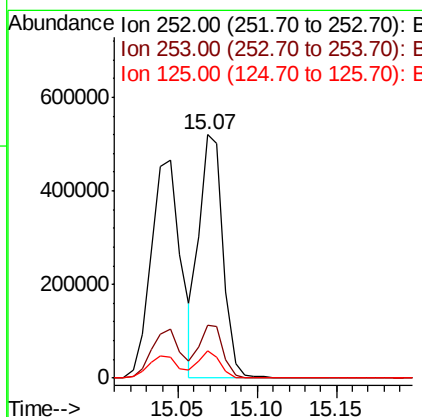
Manual Integrations
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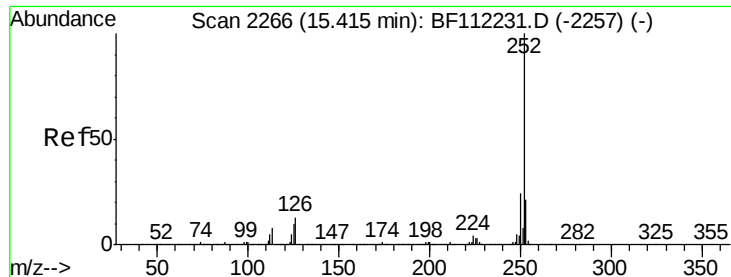
Sohil
2/21/2019 10:09:55 AM



#89
Benzo(k)fluoranthene
Concen: 47.416 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.1	9.1	13.7





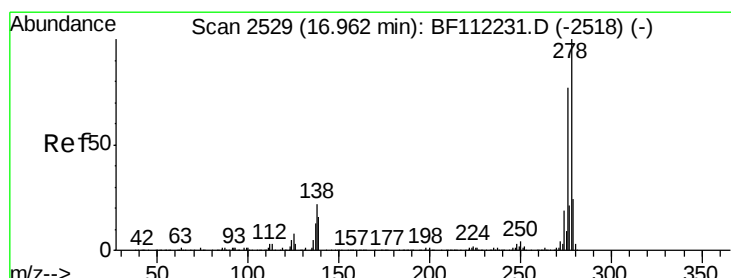
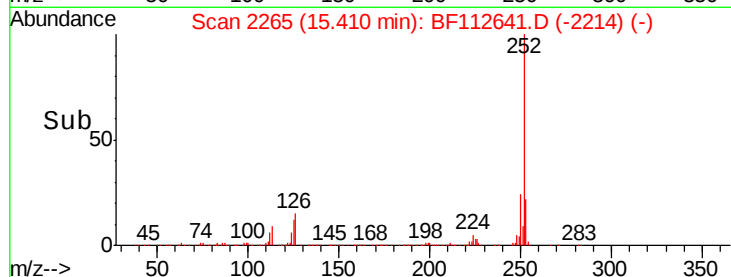
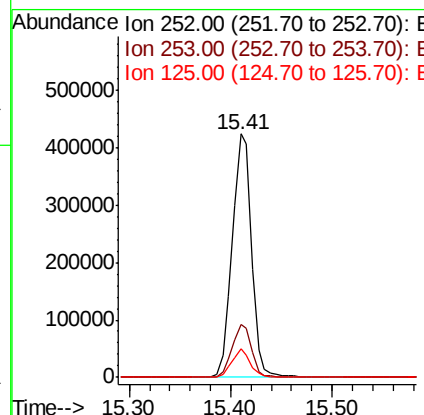
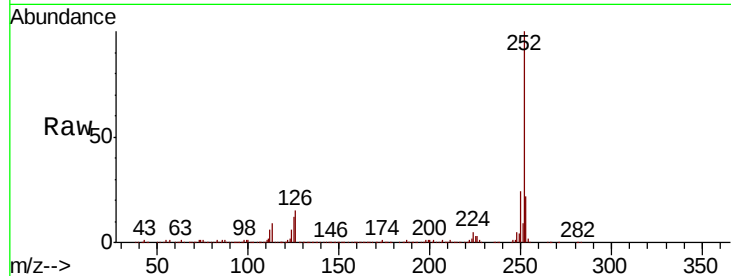
#90
Benzo(a)pyrene
Concen: 51.652 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Instrument :
BNA_F
ClientSampled :
MW-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.7	9.0	13.4

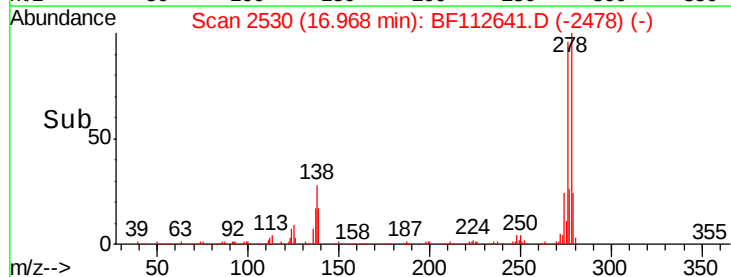
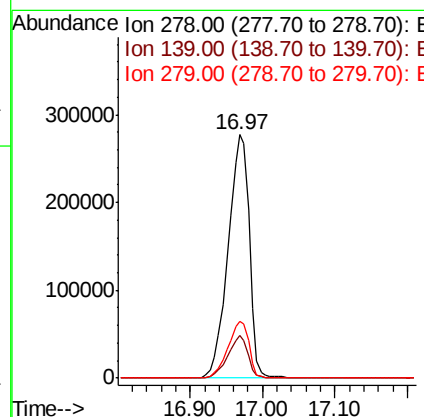
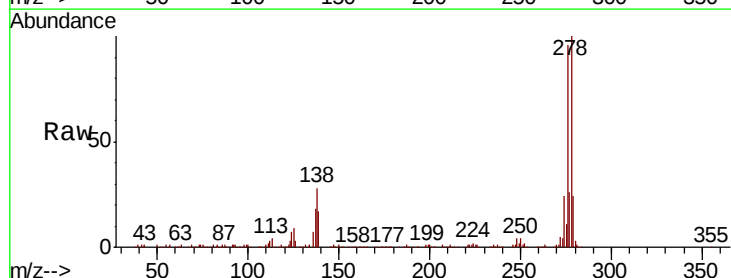
Manual Integrations
APPROVED

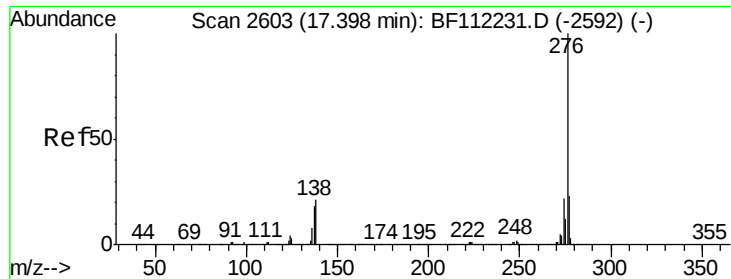
Sohil
2/21/2019 10:09:55 AM



#91
Dibenzo(a,h)anthracene
Concen: 64.155 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	23.6	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 67.835 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF112641.D
 Acq: 20 Feb 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-1MSD

Tot Ion:	276	Resp:	561609
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.0
138	20.1	19.1	28.7

Manual Integrations
 APPROVED

Sohil
 2/21/2019 10:09:55 AM

