

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120093.D
 Acq On : 20 Apr 2020 22:18
 Operator : MA/SJ
 Sample : L2314-18MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Manual Integrations
 APPROVED

mohammad
 4/21/2020 2:55:14 PM

Quant Time: Apr 21 06:22:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145608	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	548091	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	265947	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	469843	20.00	ng	0.00
76) Chrysene-d12	13.89	240	316082	20.00	ng	0.00
87) Perylene-d12	15.32	264	285606	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	793493	94.18	ng	0.01
7) Phenol-d6	6.37	99	1063785	97.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	710194	67.03	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	270836	83.18	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1396015	74.53	ng	0.00
79) Terphenyl-d14	12.83	244	1338665	71.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	140399	37.413	ng	98
3) Pyridine	3.08	79	397257	38.583	ng	96
4) n-Nitrosodimethylamine	3.04	42	247379	47.024	ng	98
6) Aniline	6.38	93	351750m	24.685	ng	
8) 2-Chlorophenol	6.50	128	479966	50.984	ng	99
9) Benzaldehyde	6.26	77	205037	32.413	ng	96
10) Phenol	6.38	94	618036	50.178	ng	92
11) bis(2-Chloroethyl)ether	6.45	93	484308	50.926	ng	99
12) 1,3-Dichlorobenzene	6.66	146	487064	47.258	ng	98
13) 1,4-Dichlorobenzene	6.73	146	487493	46.433	ng	99
14) 1,2-Dichlorobenzene	6.89	146	458255	47.362	ng	98
15) Benzyl Alcohol	6.87	79	393628	46.680	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	796883	43.061	ng	87
17) 2-Methylphenol	6.99	107	386365	45.989	ng	# 94
18) Hexachloroethane	7.23	117	178382	45.463	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	332756	47.663	ng	99
20) 3+4-Methylphenols	7.14	107	500273	48.689	ng	# 80
22) Acetophenone	7.13	105	675431	52.626	ng	# 95
24) Nitrobenzene	7.30	77	510178	47.870	ng	99
25) Isophorone	7.55	82	910784	44.596	ng	100
26) 2-Nitrophenol	7.62	139	259278	48.695	ng	96
27) 2,4-Dimethylphenol	7.67	122	399919	49.800	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	571654	47.567	ng	99
29) 2,4-Dichlorophenol	7.87	162	391612	47.575	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	425518	45.623	ng	99
31) Naphthalene	8.03	128	1472450	51.062	ng	99
32) Benzoic acid	7.82	122	317194	44.975	ng	96
33) 4-Chloroaniline	8.08	127	181192	14.433	ng	97
34) Hexachlorobutadiene	8.15	225	246735	44.193	ng	99
35) Caprolactam	8.46	113	126934m	50.412	ng	
36) 4-Chloro-3-methylphenol	8.57	107	429775	48.225	ng	96
37) 2-Methylnaphthalene	8.72	142	936457	47.900	ng	100
38) 1-Methylnaphthalene	8.82	142	869852	47.205	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	406650	48.412	ng	98

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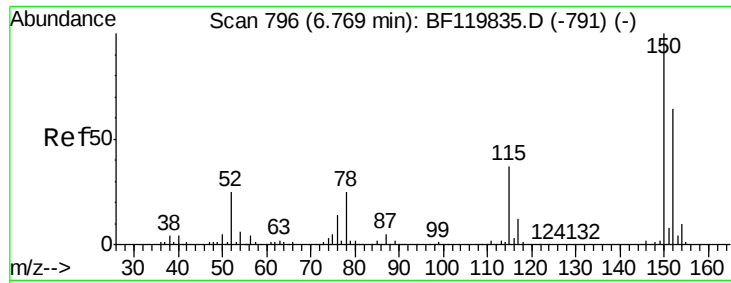
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	129842	27.184	nq	96
43) 2,4,6-Trichlorophenol	9.00	196	286240	49.348	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	297545	45.545	nq	98
46) 1,1'-Biphenyl	9.19	154	1103879	49.176	nq	99
47) 2-Chloronaphthalene	9.21	162	833237	48.185	nq	98
48) 2-Nitroaniline	9.31	65	306238	48.869	nq	98
49) Acenaphthylene	9.62	152	1337567	50.861	nq	100
50) Dimethylphthalate	9.49	163	1279650	62.208	nq	100
51) 2,6-Dinitrotoluene	9.55	165	221489	49.169	nq	99
52) Acenaphthene	9.80	154	918761m	52.373	nq	
53) 3-Nitroaniline	9.72	138	130970	25.457	nq	98
54) 2,4-Dinitrophenol	9.83	184	208624	77.356	nq	98
55) Dibenzofuran	9.97	168	1172714	48.715	nq	100
56) 4-Nitrophenol	9.90	139	362049	94.581	nq	99
57) 2,4-Dinitrotoluene	9.96	165	279502	47.095	nq	89
58) Fluorene	10.31	166	935962	48.616	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	240119	48.057	nq	98
60) Diethylphthalate	10.19	149	1022446	47.957	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	436929	44.279	nq	99
62) 4-Nitroaniline	10.34	138	214125	43.673	nq	97
63) Azobenzene	10.46	77	909854	47.619	nq	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	136376	44.058	nq	79
66) n-Nitrosodiphenylamine	10.43	169	824102	52.740	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	263208	45.047	nq	95
68) Hexachlorobenzene	10.86	284	279924	47.225	nq	95
69) Atrazine	10.96	200	230646	53.052	nq	98
70) Pentachlorophenol	11.06	266	298356	87.344	nq	99
71) Phenanthrene	11.27	178	1371664	54.854	nq	99
72) Anthracene	11.33	178	1315585	51.501	nq	99
73) Carbazole	11.49	167	1158617	47.962	nq	100
74) Di-n-butylphthalate	11.82	149	1532991	48.273	nq	100
75) Fluoranthene	12.46	202	1465687	54.324	nq	99
77) Benzidine	12.59	184	441188	41.292	nq	96
78) Pyrene	12.69	202	1485306	55.742	nq	99
80) Butylbenzylphthalate	13.32	149	581162	44.948	nq	99
81) Benzo(a)anthracene	13.89	228	1125395	54.121	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	238194	30.700	nq	96
83) Chrysene	13.92	228	1135403	53.738	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	828475	47.316	nq	98
85) Di-n-octyl phthalate	14.49	149	1412914	47.393	nq	100
86) Indeno(1,2,3-cd)pyrene	16.72	276	952929	51.165	nq	99
88) Benzo(b)fluoranthene	14.92	252	1123051m	54.661	nq	
89) Benzo(k)fluoranthene	14.94	252	1003361	56.600	nq	99
90) Benzo(a)pyrene	15.26	252	991273	57.382	nq	97
91) Dibenzo(a,h)anthracene	16.73	278	748139	48.892	nq	97
92) Benzo(g,h,i)perylene	17.14	276	772910	51.171	nq	96

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



#1

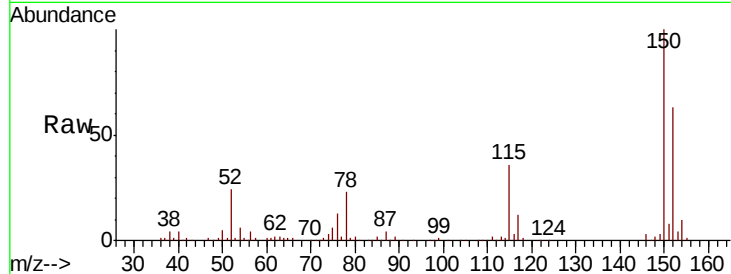
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.8	187.2
115	57.0	46.5	69.7

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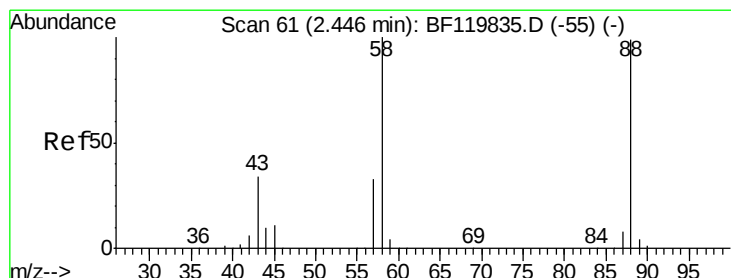
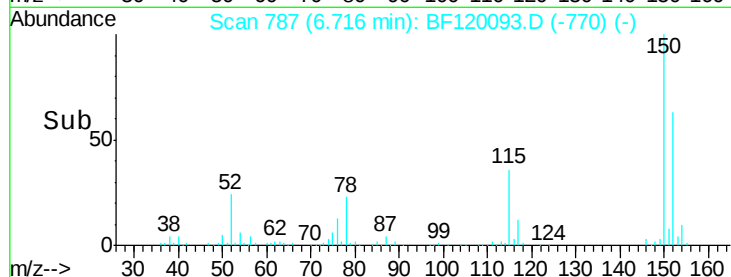
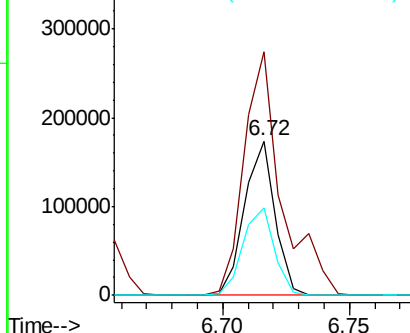


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

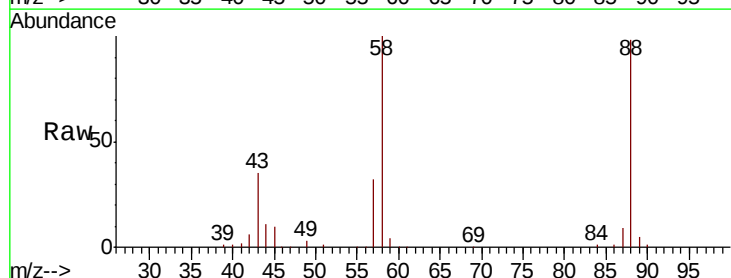
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.413 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.05 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.2	82.6	123.8
43	34.7	28.6	42.8

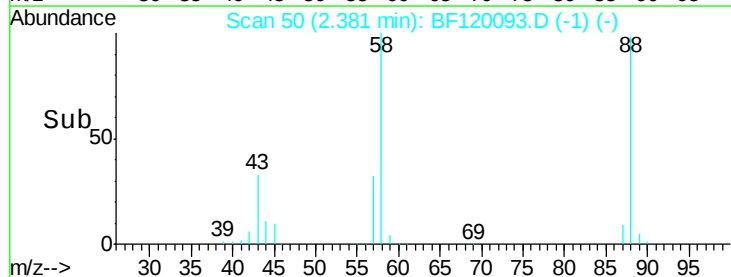
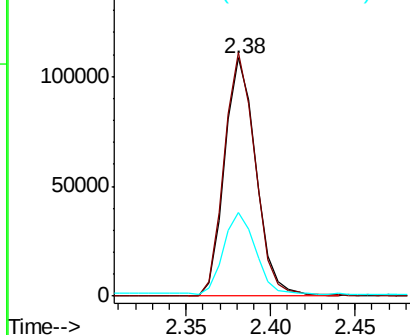


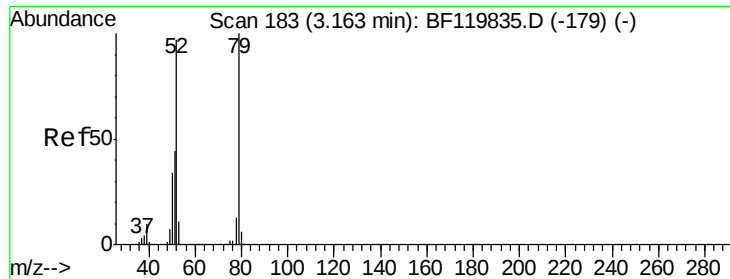
Abundance

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: 38.583 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.05 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

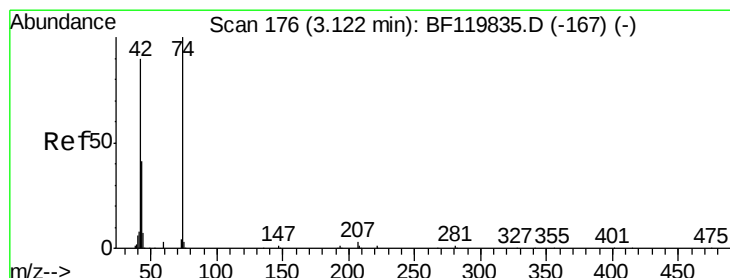
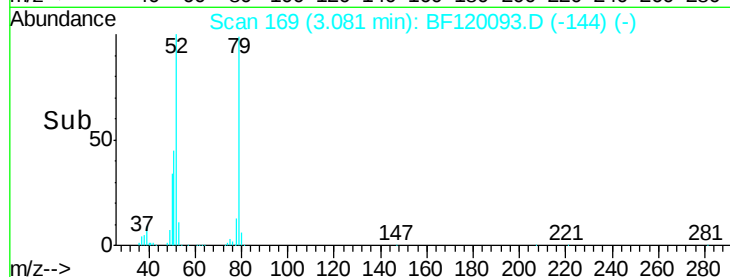
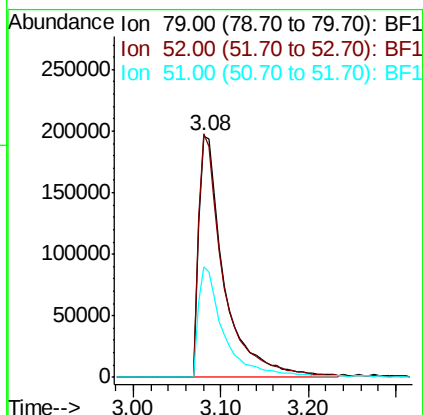
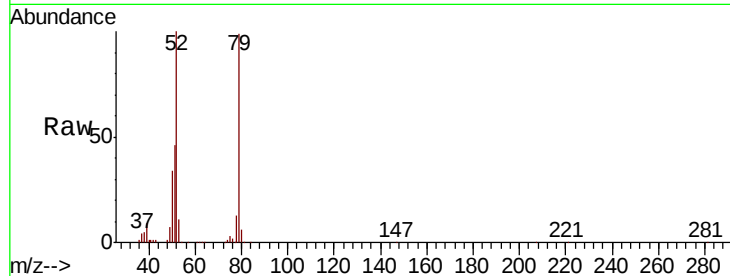
ClientSampleId :

WB-4-1MSD

Tot Ion:	79	Resp:	397257
Ion Ratio	Lower	Upper	
79	100		
52	100.9	77.4	116.0
51	45.9	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 47.024 ng

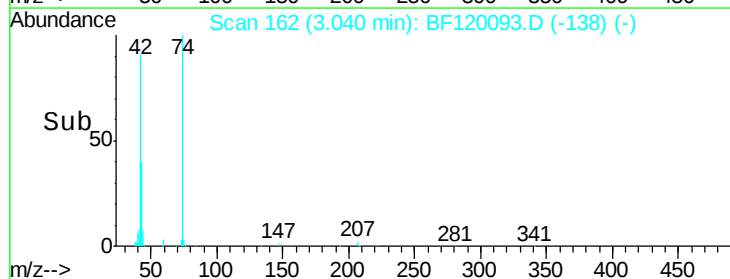
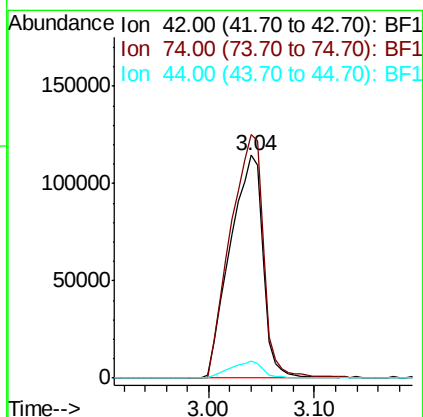
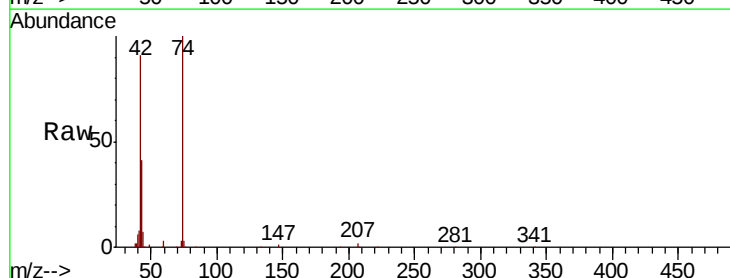
RT: 3.04 min Scan# 162

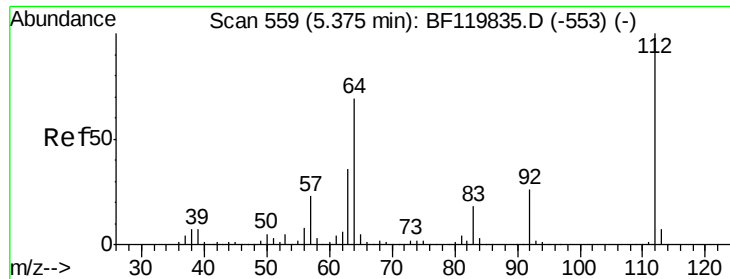
Delta R.T. 0.04 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion:	42	Resp:	247379
Ion Ratio	Lower	Upper	
42	100		
74	109.4	89.0	133.4
44	7.4	6.2	9.4





#5

2-Fluorophenol

Concen: 94.178 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

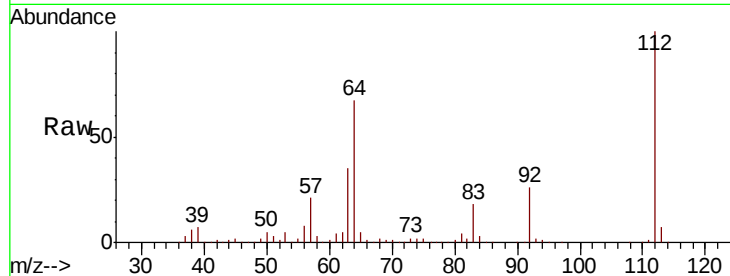
ClientSampled :

WB-4-1MSD

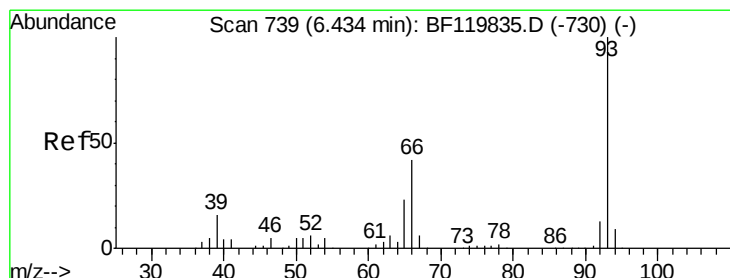
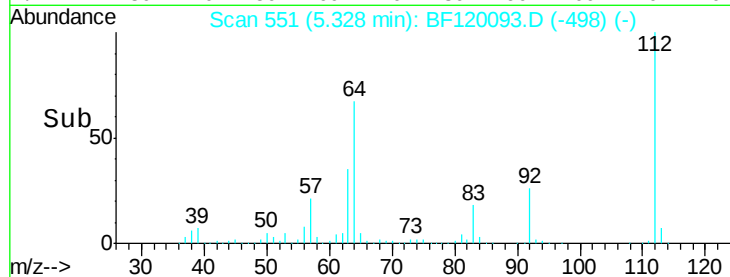
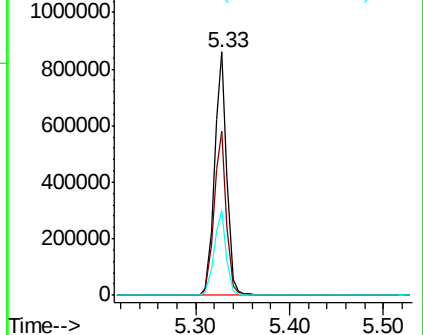
Tot Ion	Ratio	Lower	Upper
112	100		
64	67.2	55.5	83.3
63	34.8	29.1	43.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.685 ng m

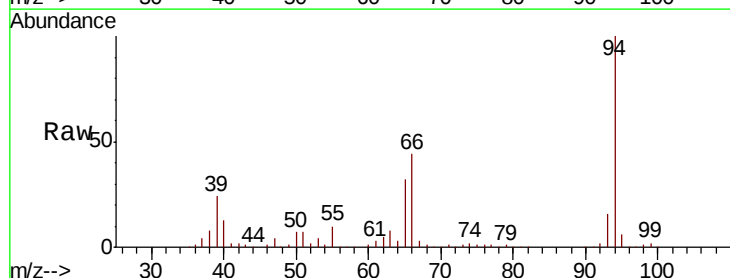
RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

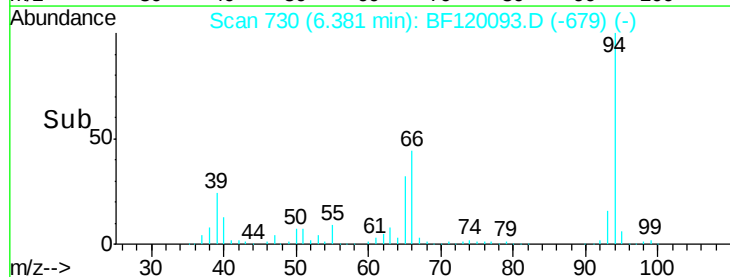
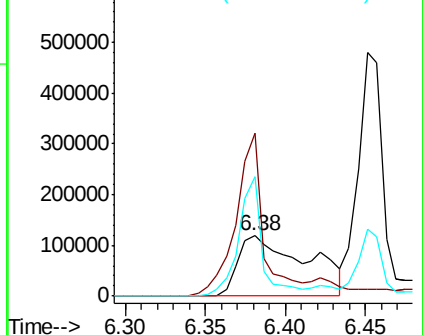
Lab File: BF120093.D

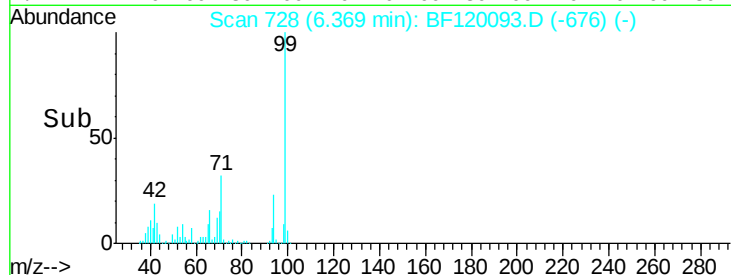
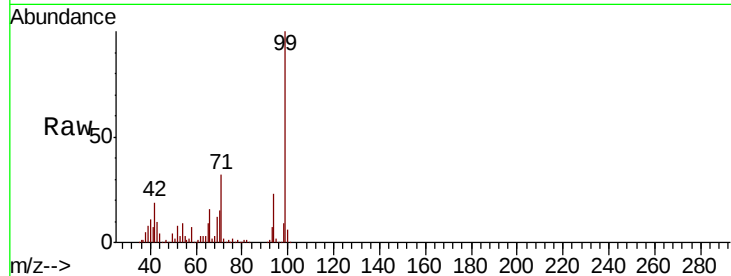
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
93	100		
66	268.7	34.2	51.2#
65	198.1	18.3	27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.985 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tot Ion: 99 Resp: 1063785

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 31.7 26.3 39.5

Instrument :

BNA_F

ClientSampled :

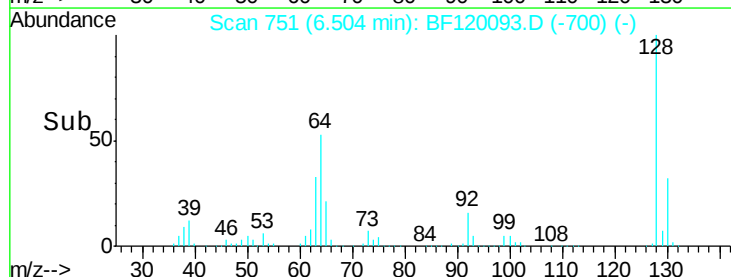
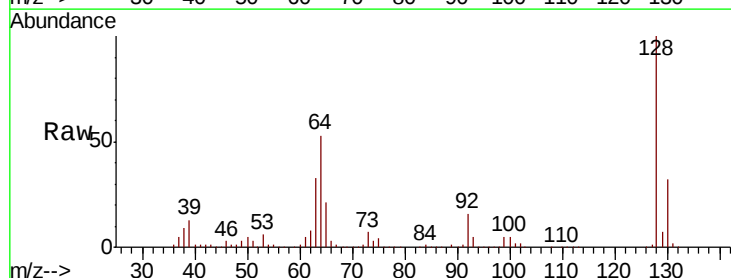
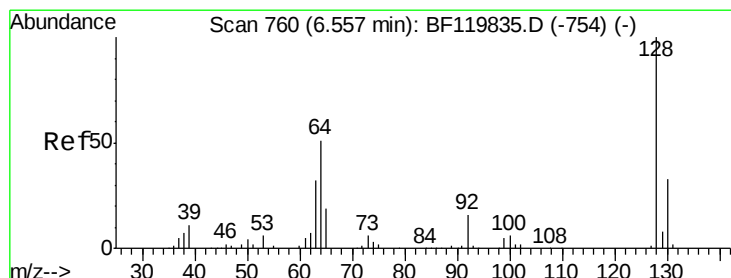
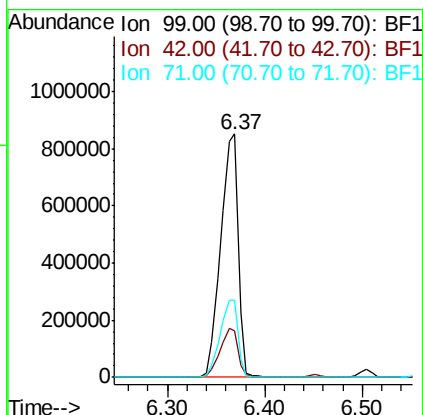
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#8

2-Chlorophenol

Concen: 50.984 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

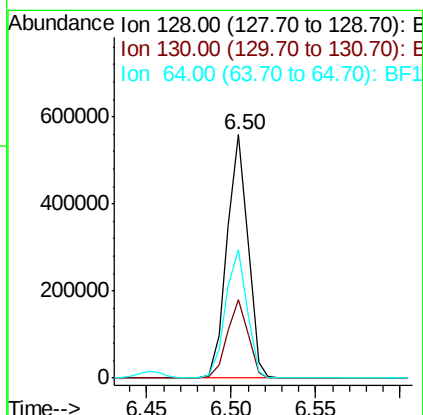
Tgt Ion: 128 Resp: 479966

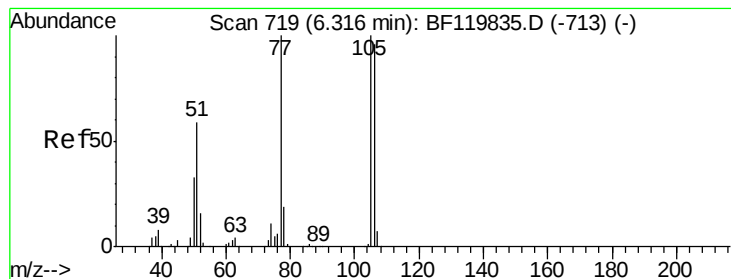
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 52.6 32.0 72.0





#9

Benzaldehyde

Concen: 32.413 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

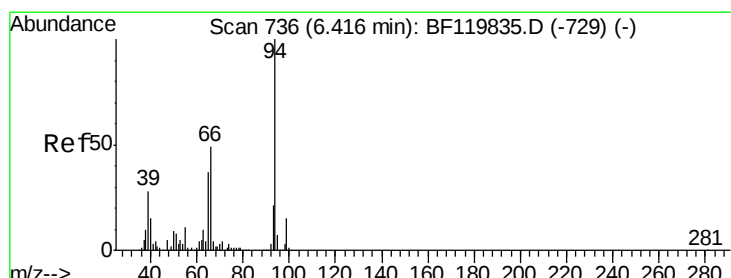
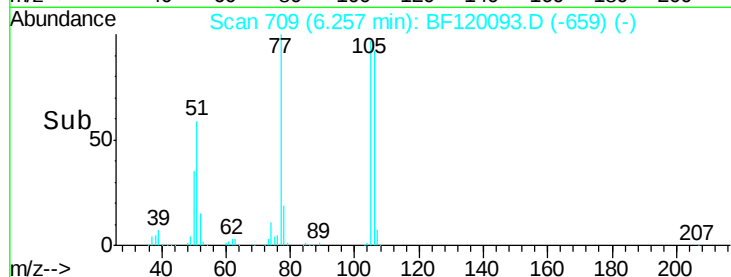
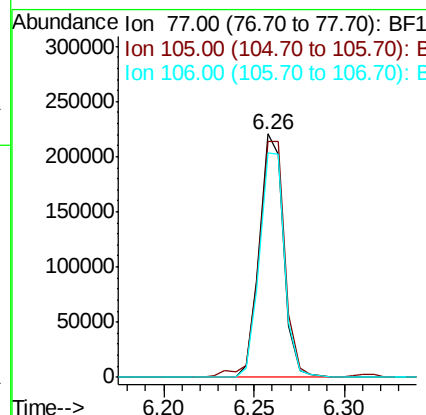
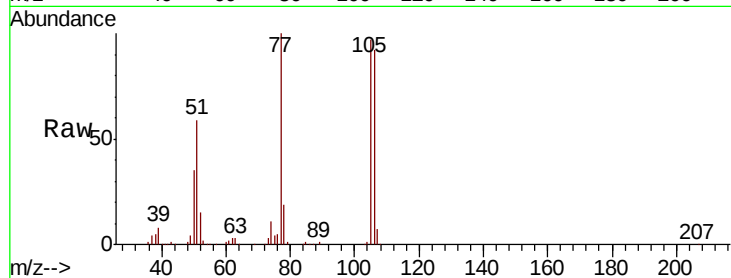
ClientSampleId :

WB-4-1MSD

Tot Ion:	77	Resp:	205037
Ion Ratio	Lower	Upper	
77	100		
105	97.1	79.9	119.9
106	92.2	76.4	116.4

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#10

Phenol

Concen: 50.178 ng

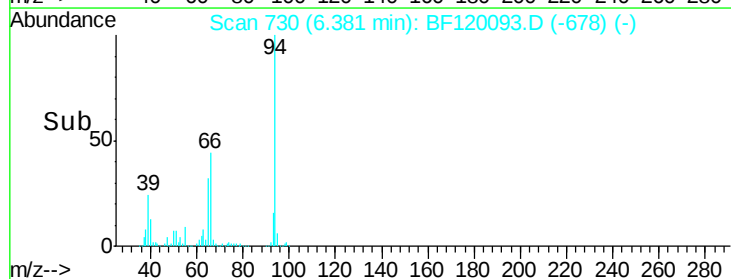
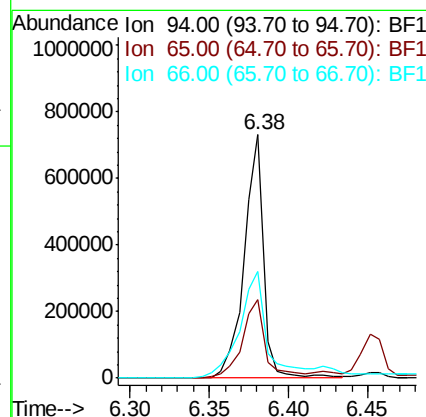
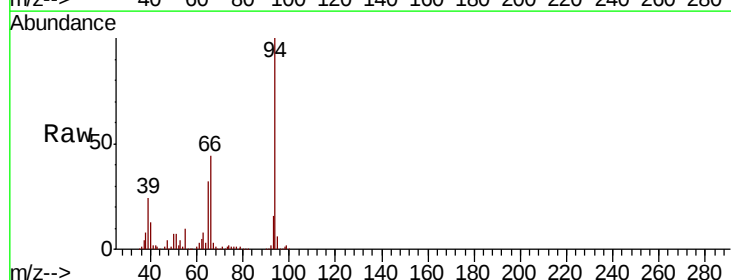
RT: 6.38 min Scan# 730

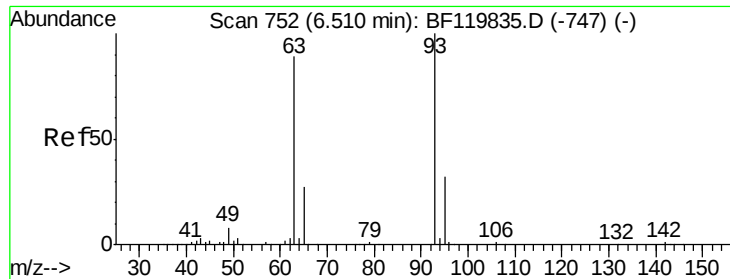
Delta R.T. 0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion:	94	Resp:	618036
Ion Ratio	Lower	Upper	
94	100		
65	32.3	16.6	56.6
66	43.8	29.3	69.3





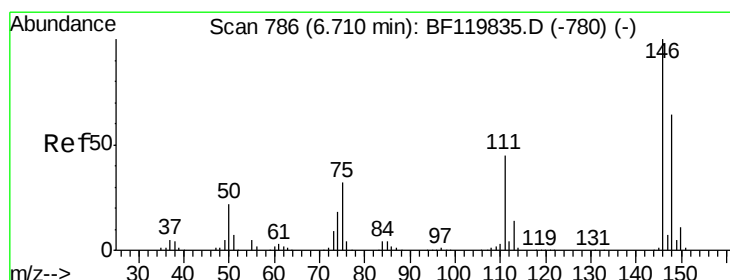
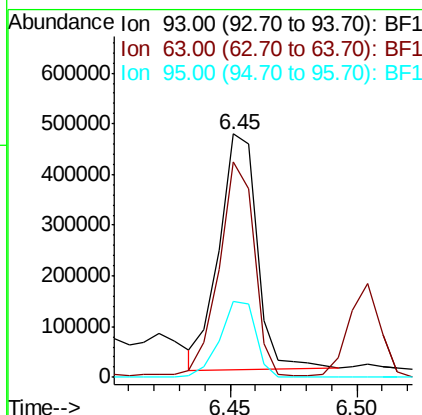
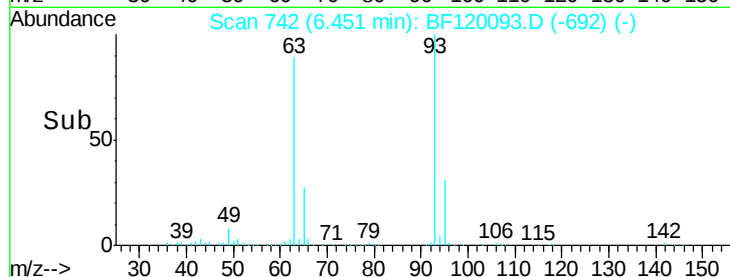
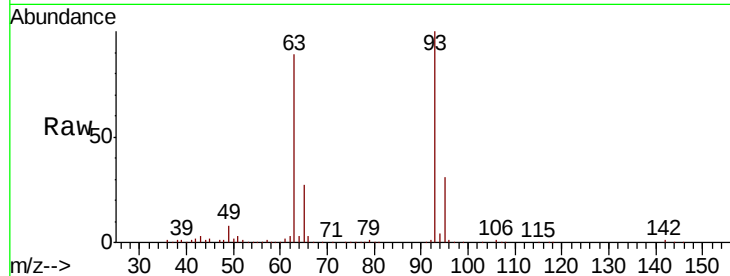
#11
bis(2-Chloroethyl)ether
Concen: 50.926 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	69.1	109.1
95	31.0	12.3	52.3

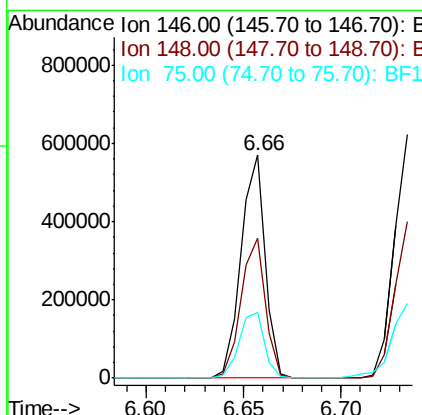
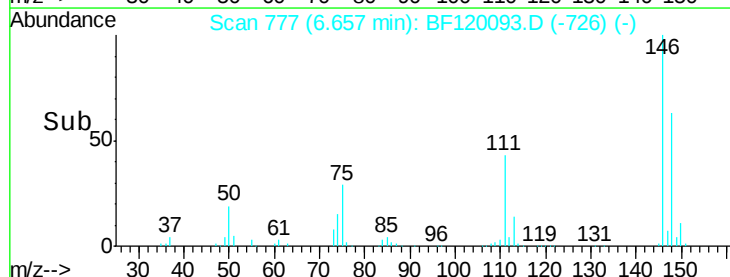
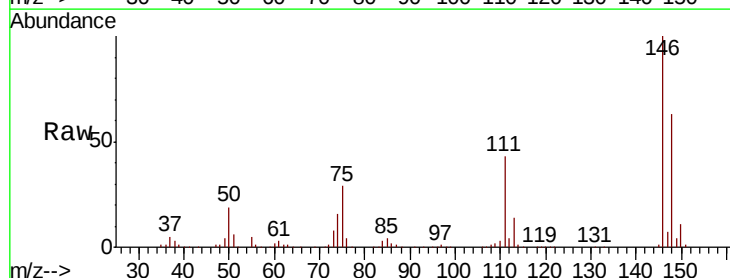
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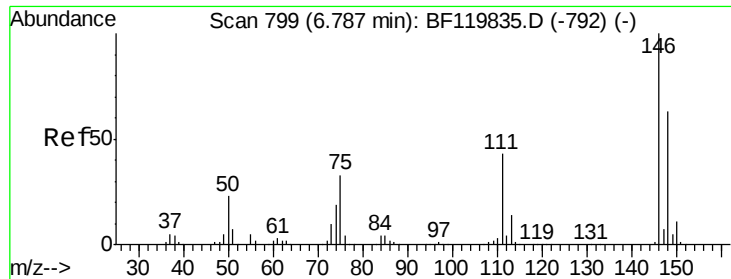
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.258 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
75	29.3	25.3	37.9





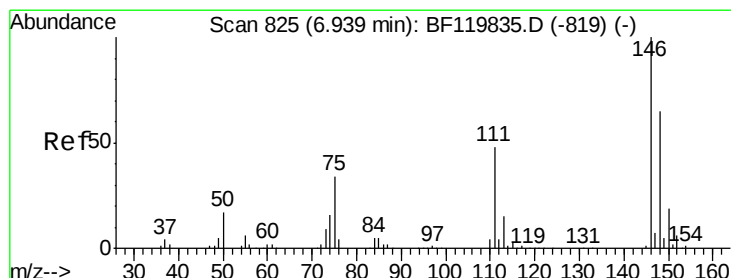
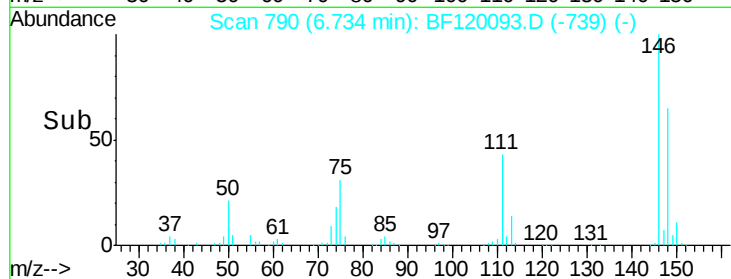
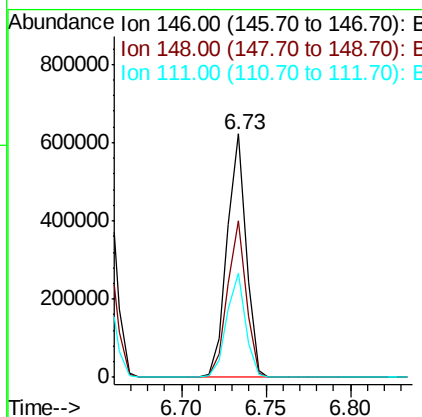
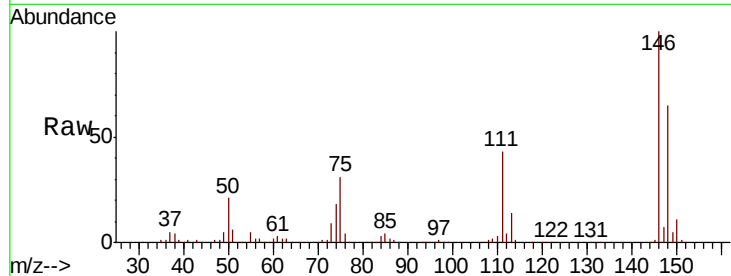
#13
 1,4-Dichlorobenzene
 Concen: 46.433 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
111	42.9	34.7	52.1

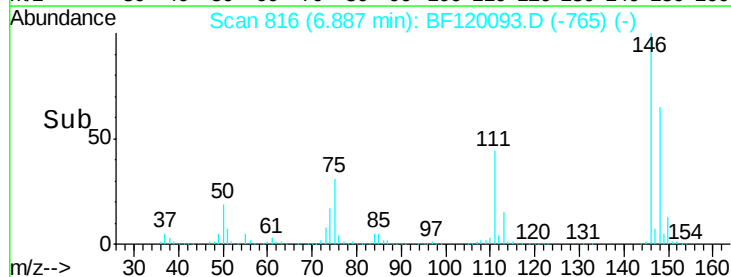
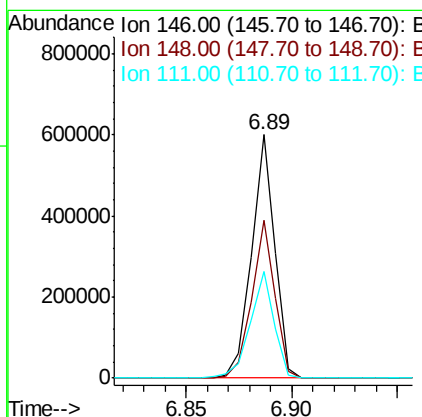
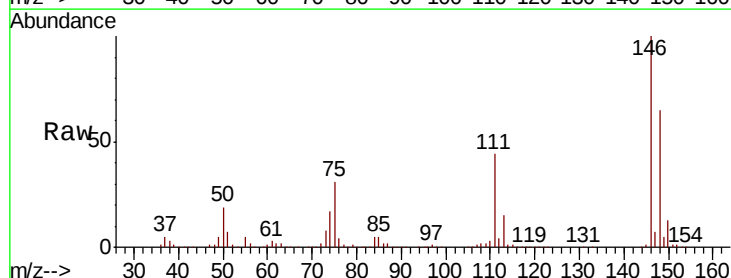
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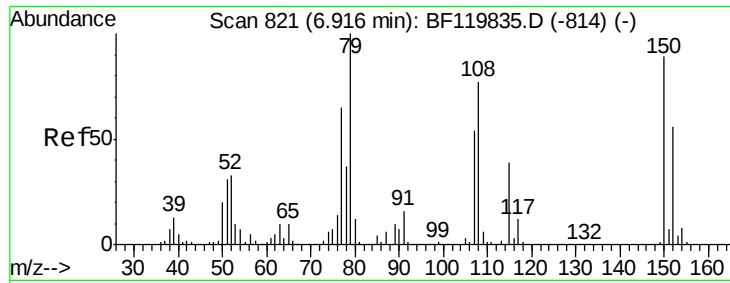
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 47.362 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	43.9	38.0	57.0





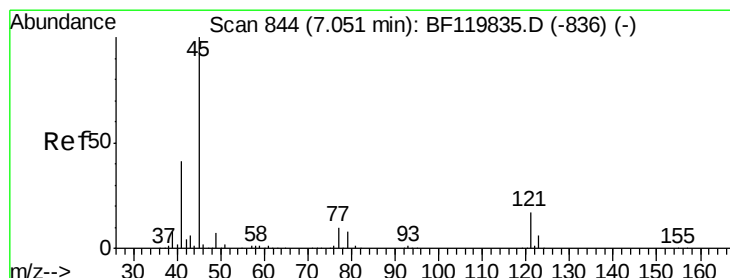
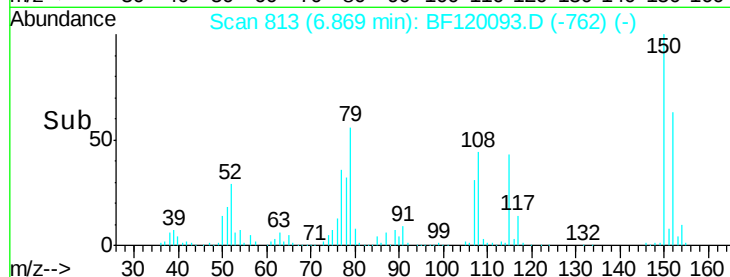
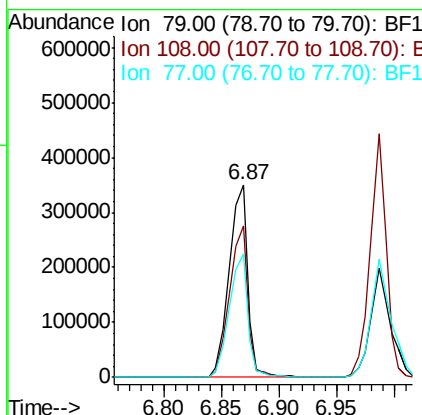
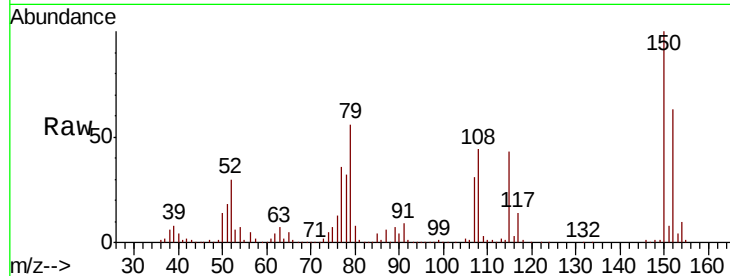
#15
Benzyl Alcohol
Concen: 46.680 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.0	93.0
77	64.0	51.8	77.6

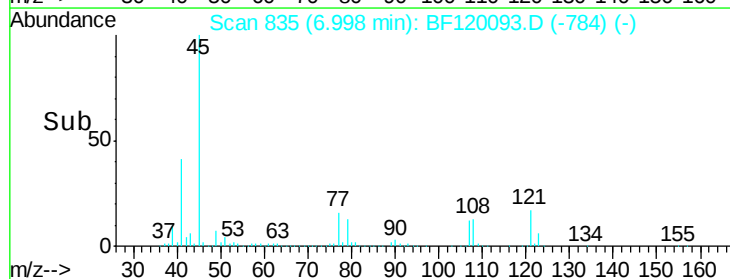
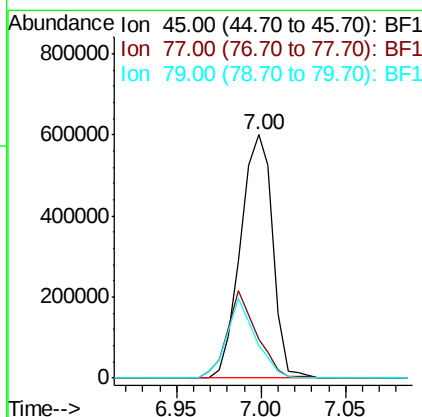
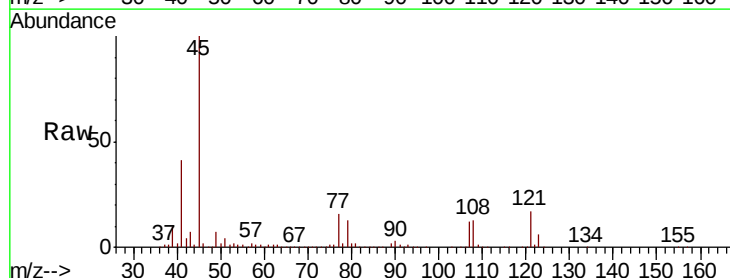
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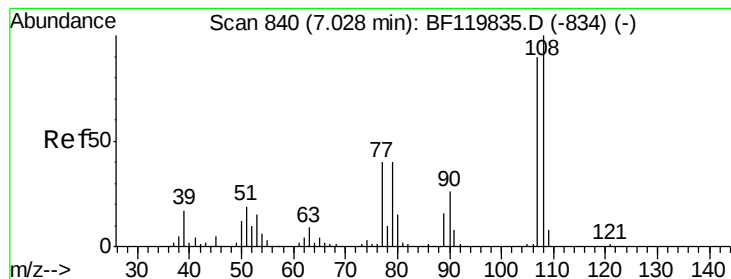
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.061 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	30.7
79	13.3	0.0	28.6





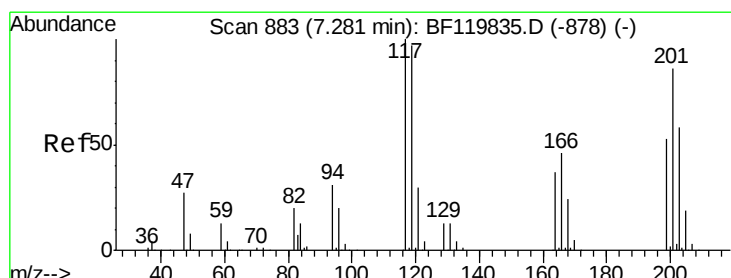
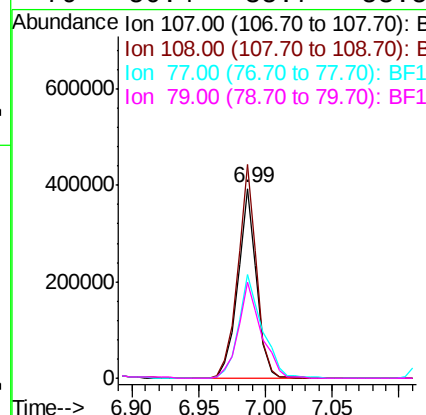
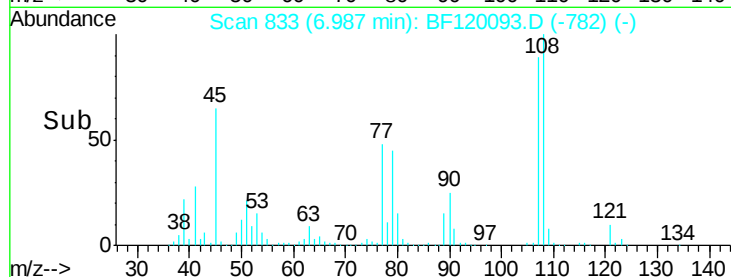
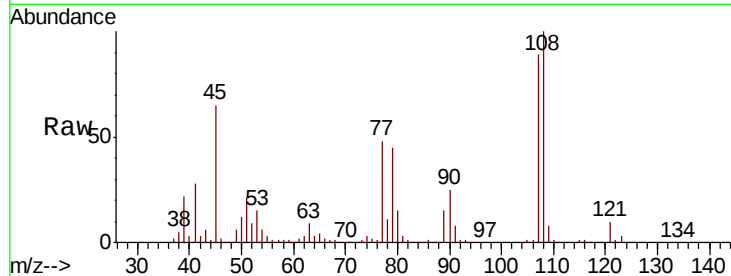
#17
2-Methylphenol
Concen: 45.989 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	88.8	133.2	
77	54.5	36.0	54.0	
79	50.4	35.7	53.5	

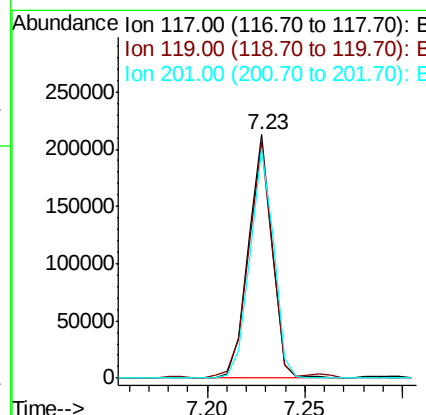
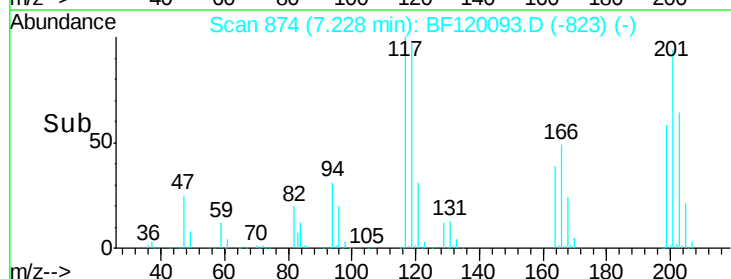
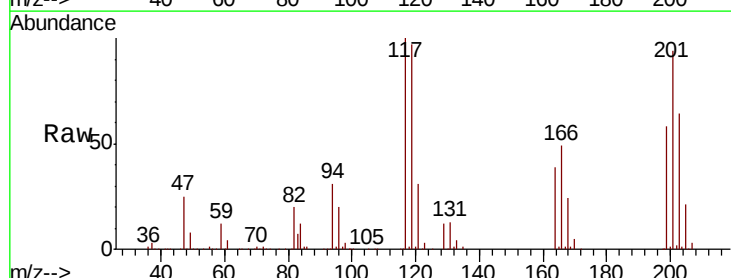
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#18
Hexachloroethane
Concen: 45.463 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.4	116.0	
201	94.4	68.4	102.6	





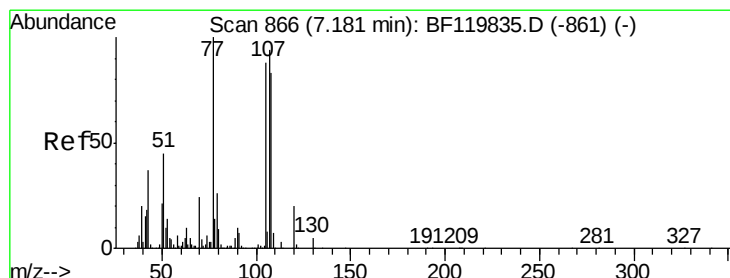
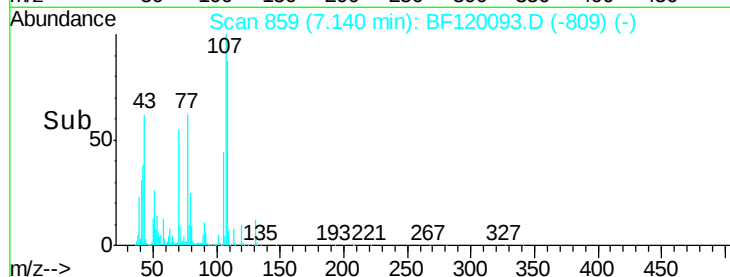
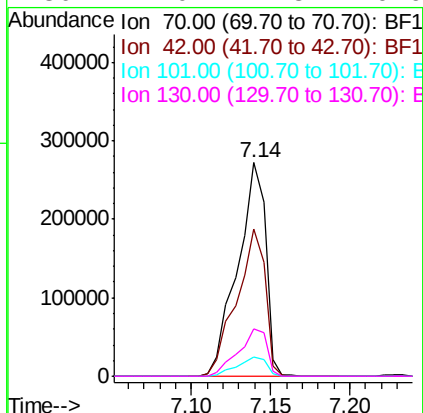
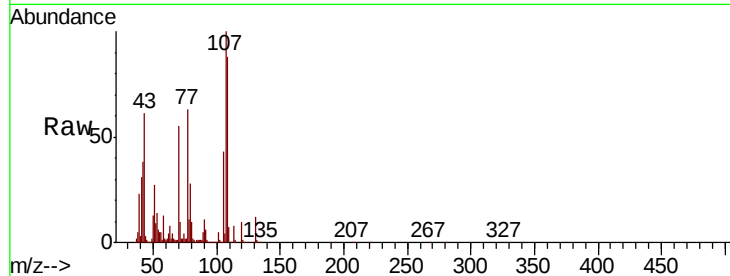
#19
n-Nitroso-di-n-propylamine
Concen: 47.663 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.8	54.2	81.4	
101	9.0	7.4	11.2	
130	22.0	17.8	26.6	

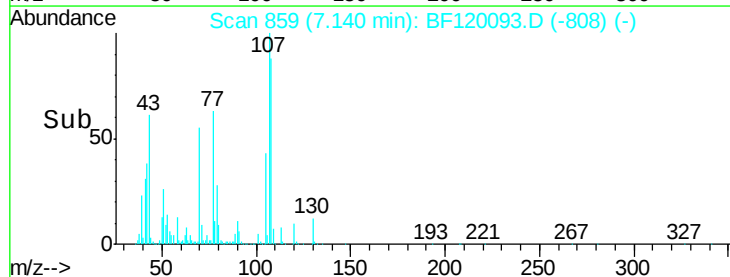
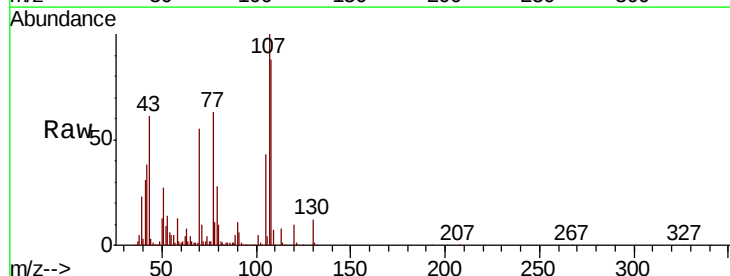
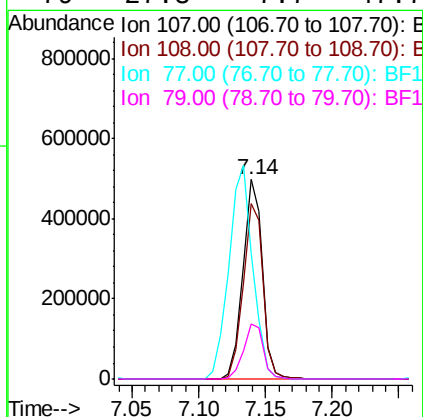
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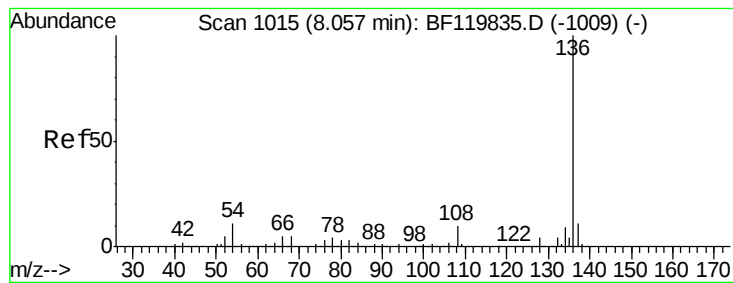
mohammad
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#20
3+4-Methylphenols
Concen: 48.689 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.8	68.2	108.2	
77	62.9	86.6	126.6	
79	27.8	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

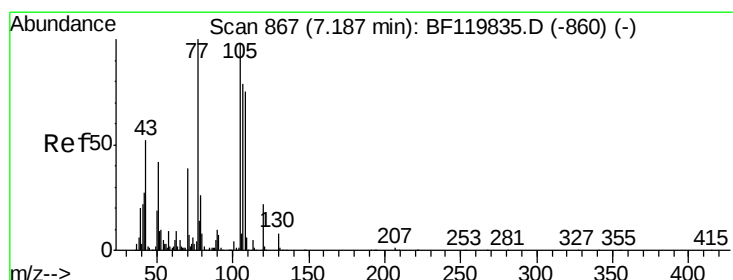
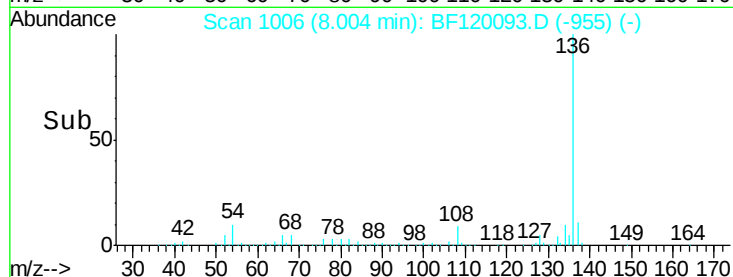
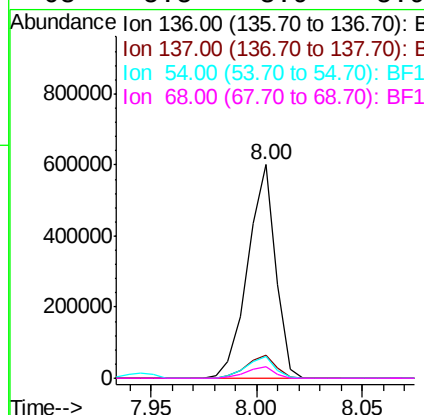
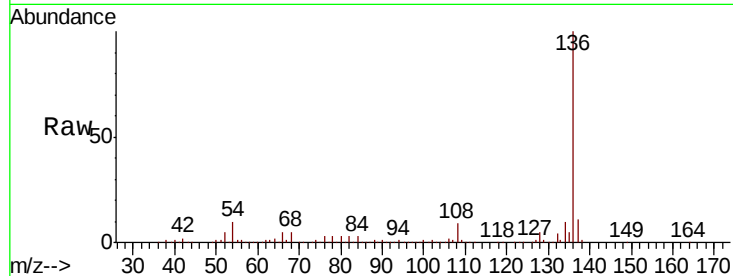
ClientSampleId :

WB-4-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		548091		
137	10.8	8.7	13.1		
54	10.1	8.5	12.7		
68	5.5	3.9	5.9		

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#22

Acetophenone

Concen: 52.626 ng

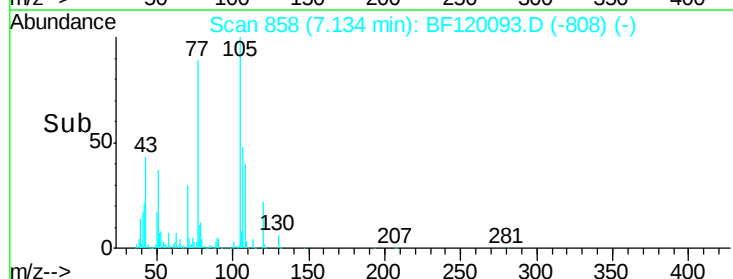
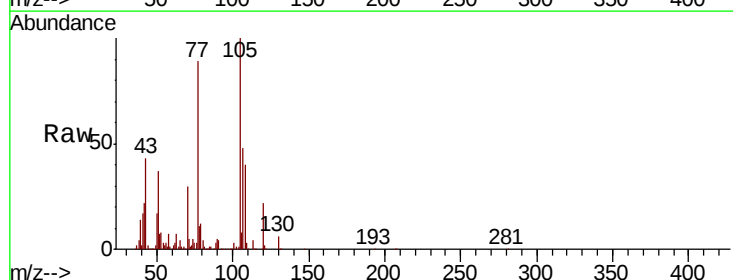
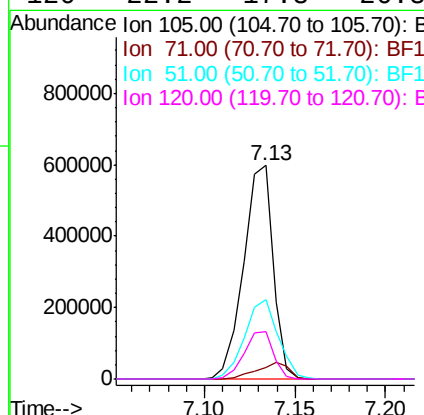
RT: 7.13 min Scan# 858

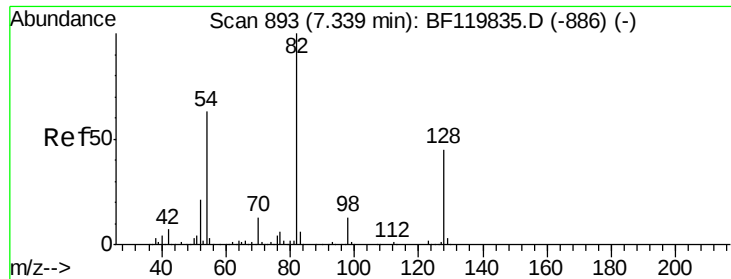
Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		675431		
71	5.3	5.6	8.4#		
51	37.1	33.9	50.9		
120	22.2	17.8	26.8		





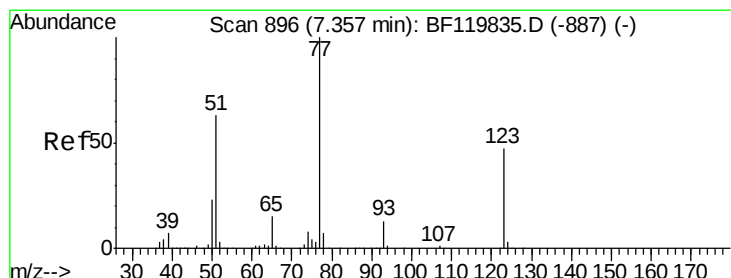
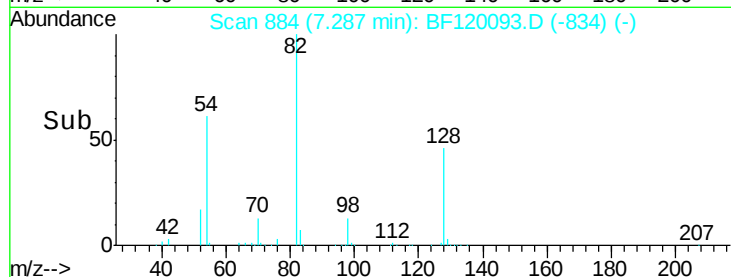
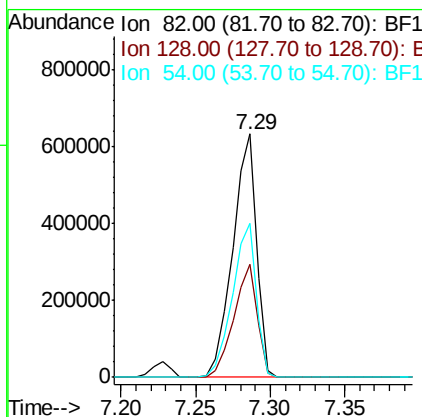
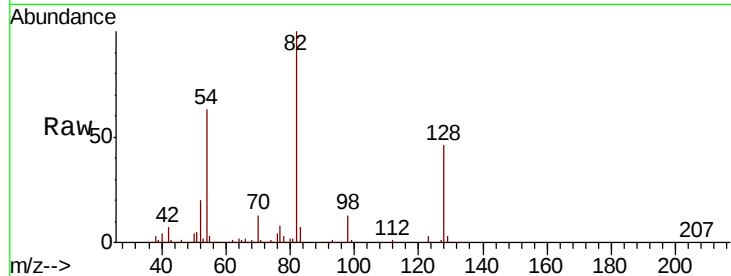
#23
Nitrobenzene-d5
Concen: 67.034 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.4
54	63.4	50.4	75.6

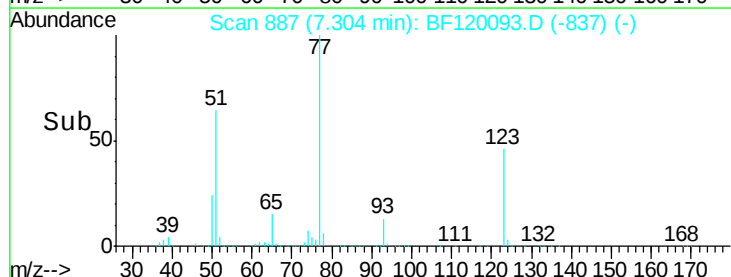
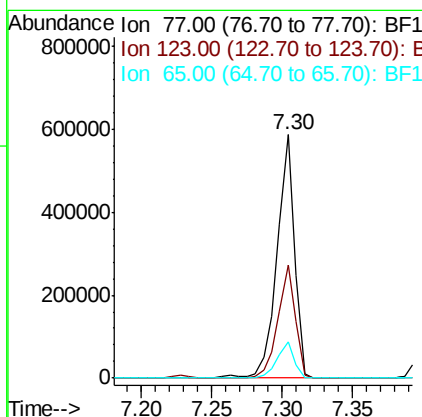
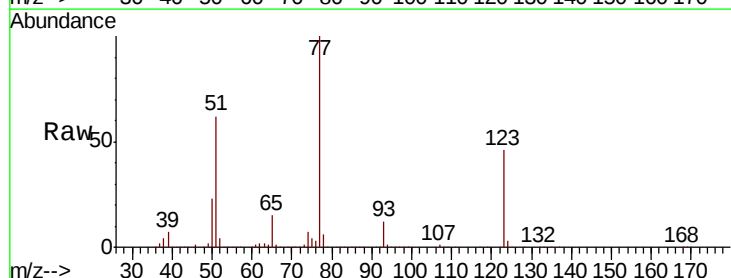
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#24
Nitrobenzene
Concen: 47.870 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.8	56.8
65	14.9	12.2	18.2





#25

Isophorone

Concen: 44.596 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

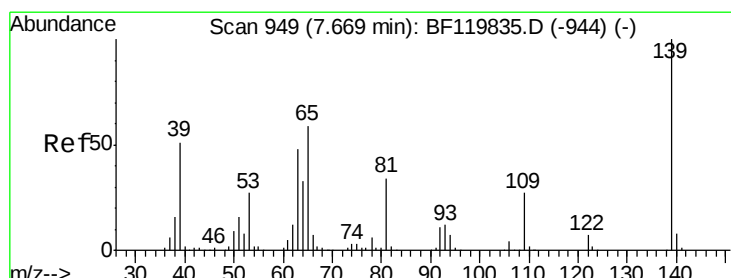
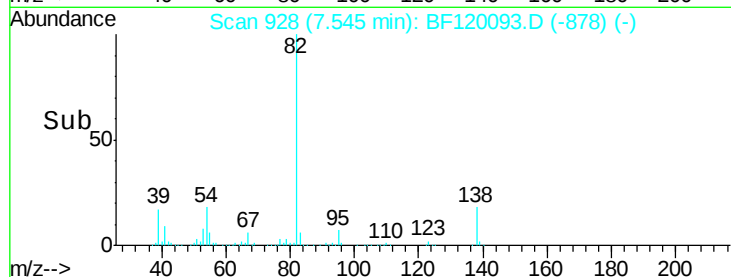
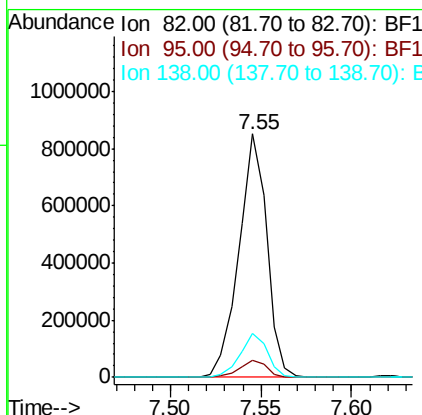
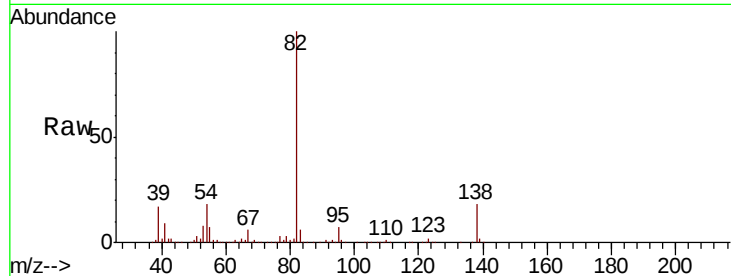
ClientSampleId :

WB-4-1MSD

Tot Ion:	82	Resp:	910784
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	17.9	14.5	21.7

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#26

2-Nitrophenol

Concen: 48.695 ng

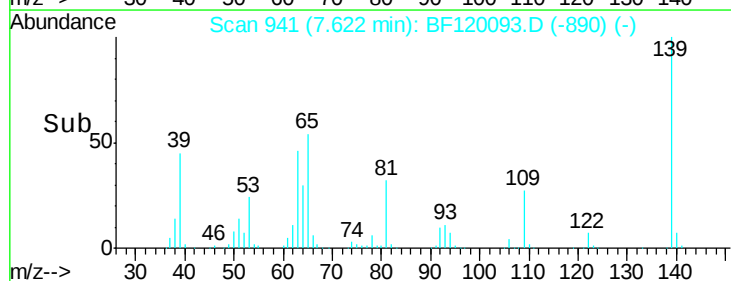
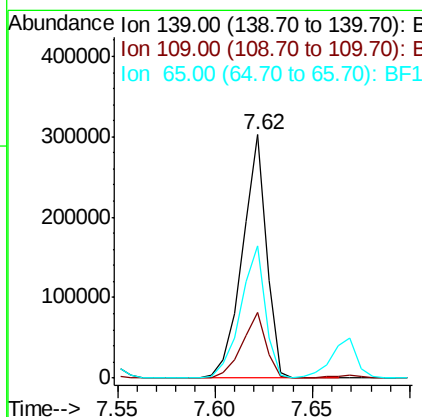
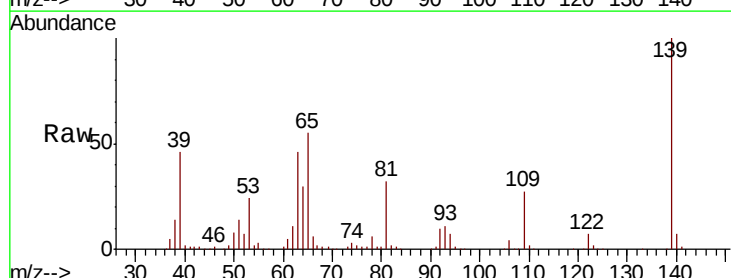
RT: 7.62 min Scan# 941

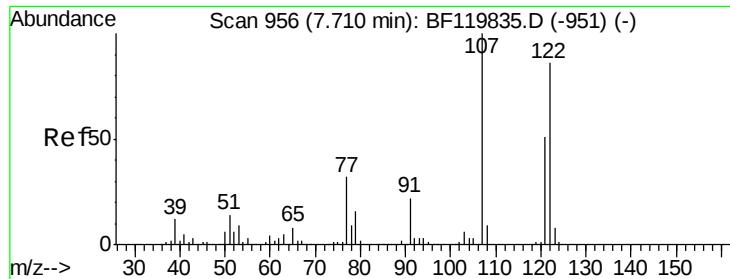
Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion:	139	Resp:	259278
Ion Ratio	Lower	Upper	
139	100		
109	27.0	21.8	32.6
65	54.6	47.0	70.4





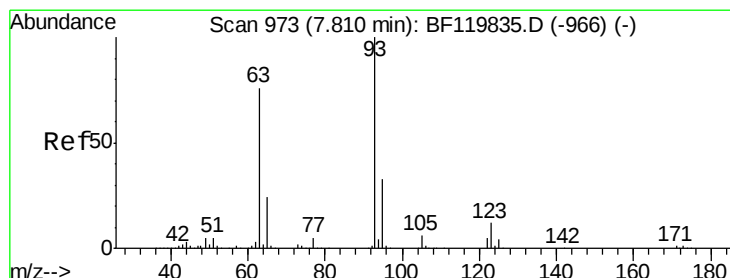
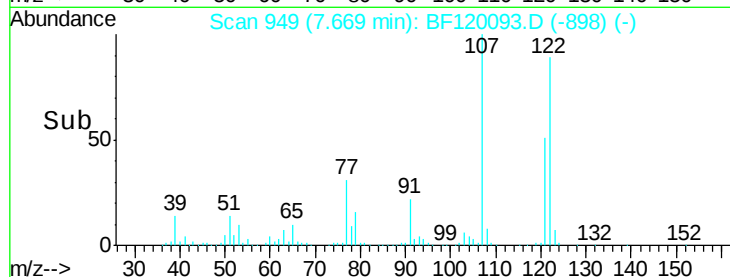
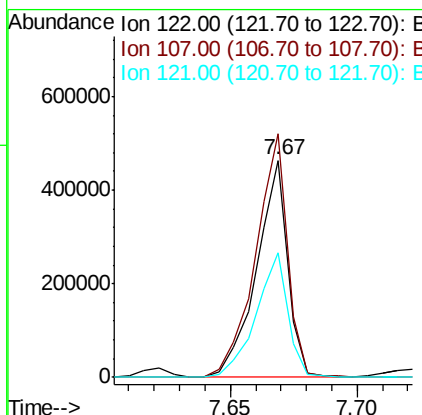
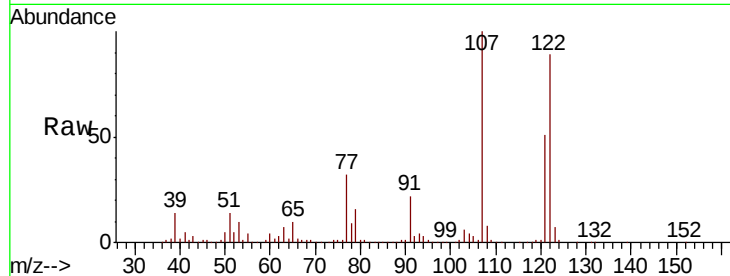
#27
2,4-Dimethylphenol
Concen: 49.800 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	92.3	138.5
121	57.2	46.6	70.0

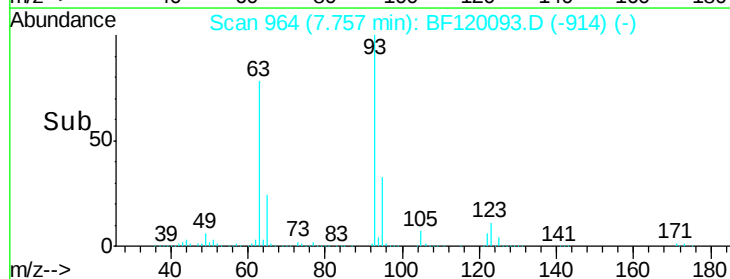
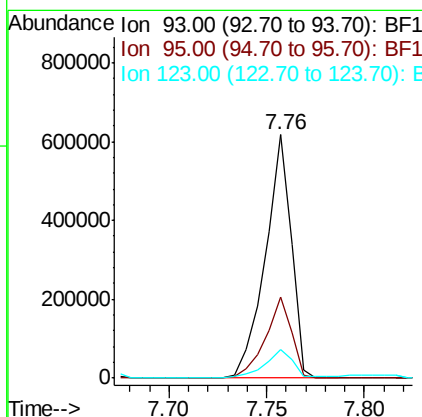
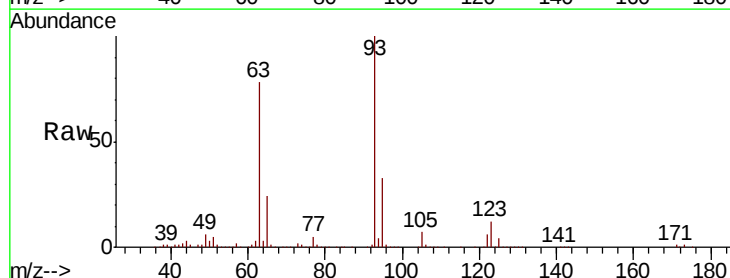
Manual Integrations
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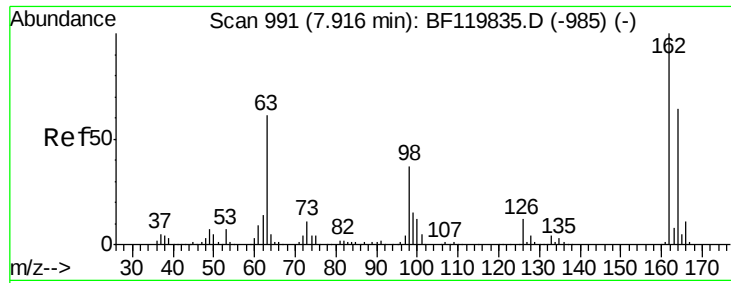
mohammad
4/21/2020 2:55:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.567 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	11.6	9.7	14.5





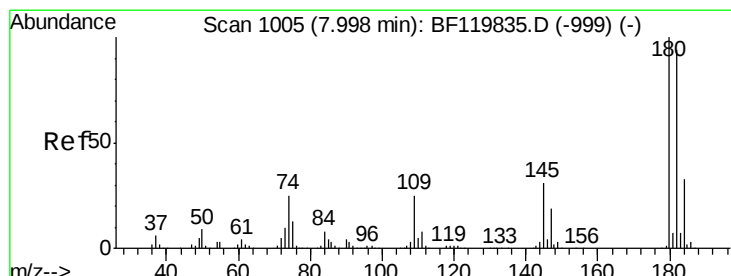
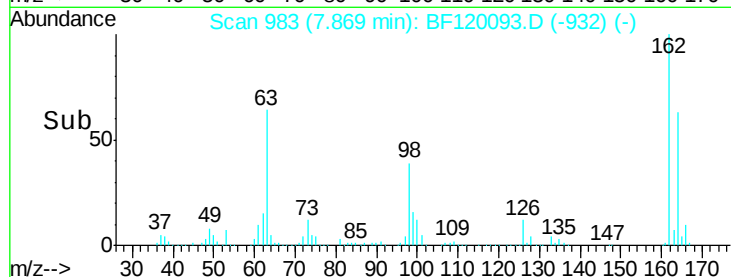
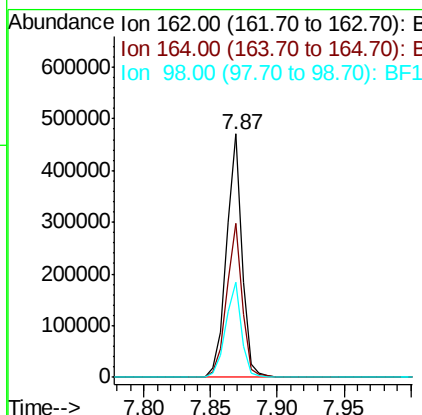
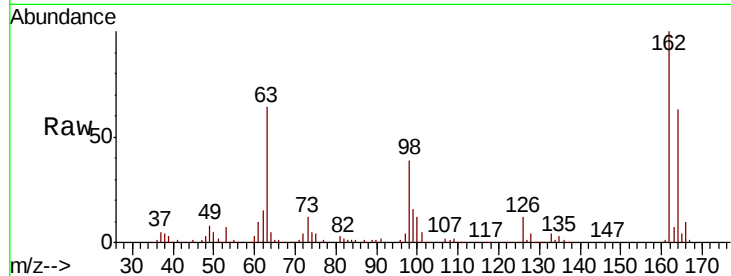
#29
2,4-Dichlorophenol
Concen: 47.575 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion:	162	Resp:	391612
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.4	84.4
98	38.9	17.3	57.3

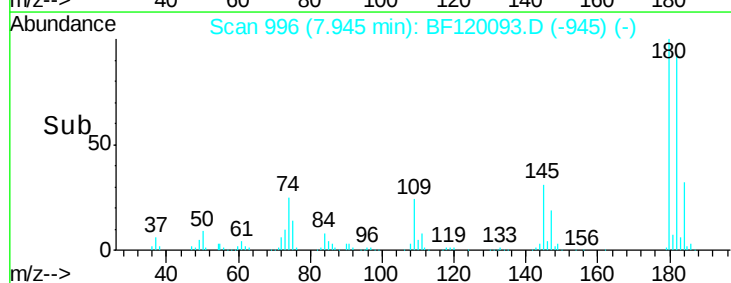
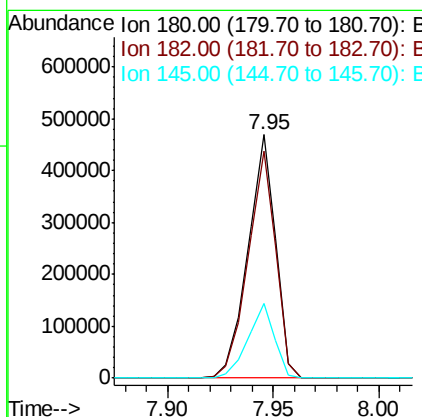
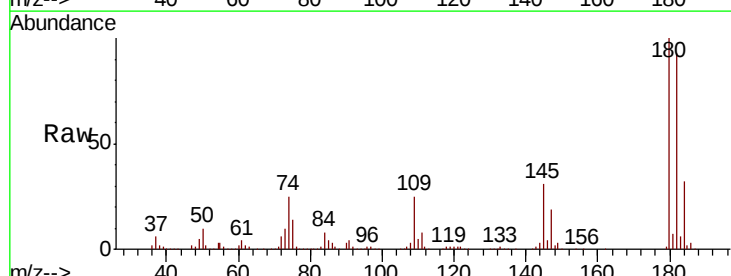
Manual Integrations
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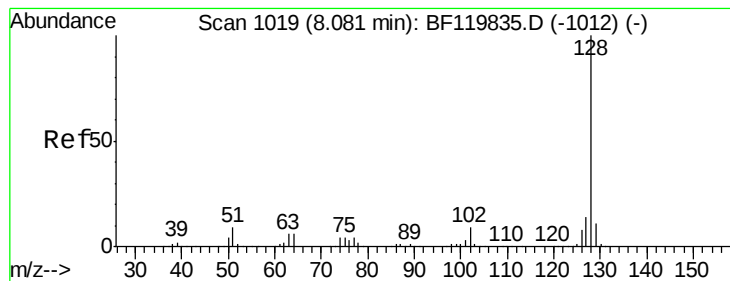
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.623 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion:	180	Resp:	425518
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.4	113.0
145	30.8	24.6	37.0





#31

Naphthalene

Concen: 51.062 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

ClientSampleId :

WB-4-1MSD

Tot Ion:128 Resp: 1472450

Ion Ratio Lower Upper

128 100

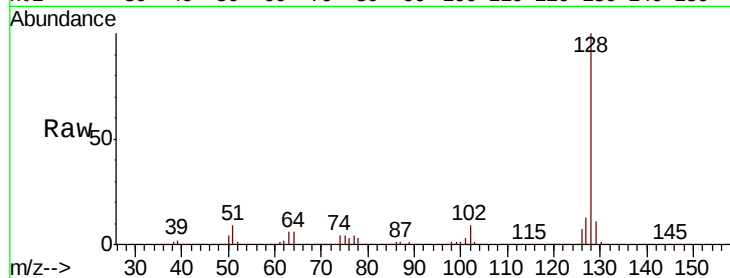
129 11.1 9.0 13.6

127 13.4 11.0 16.4

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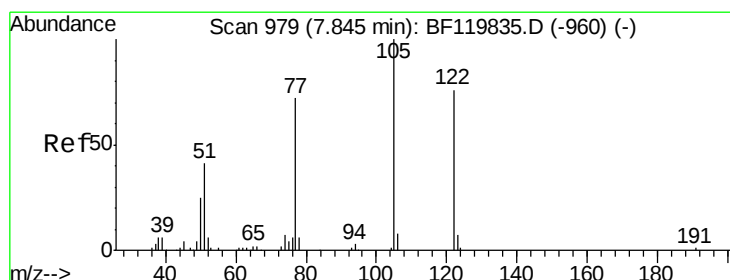
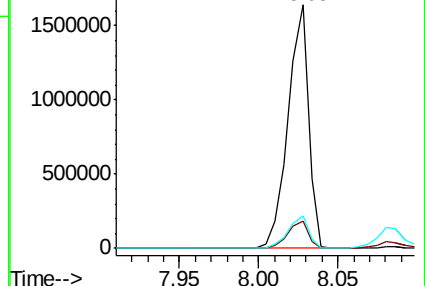
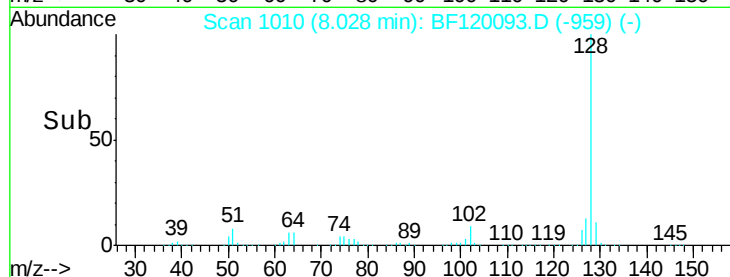
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.975 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

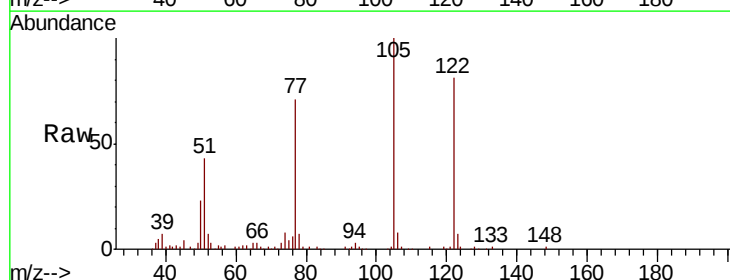
Tgt Ion:122 Resp: 317194

Ion Ratio Lower Upper

122 100

105 123.4 106.7 146.7

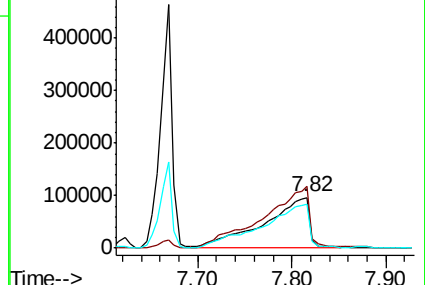
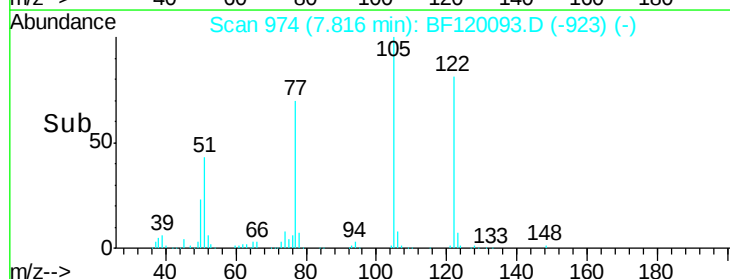
77 87.6 72.1 112.1

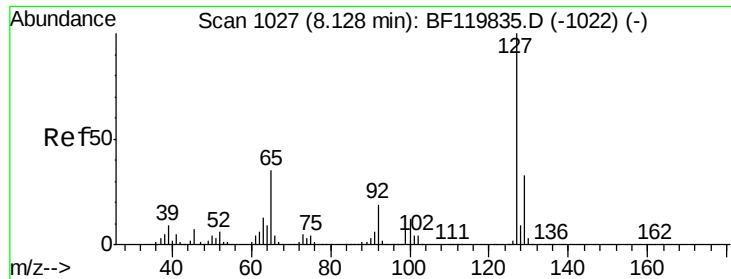


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





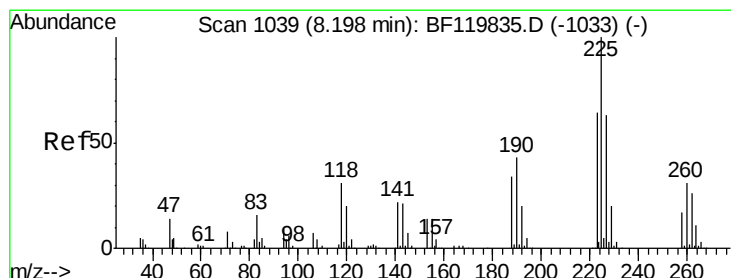
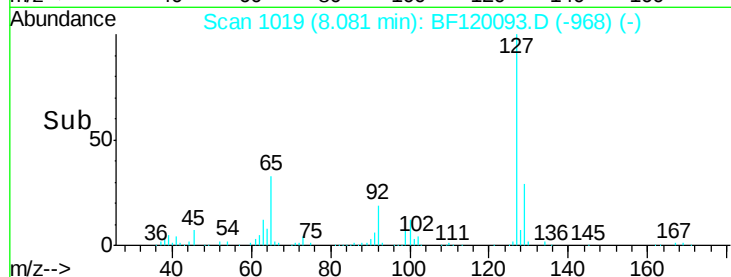
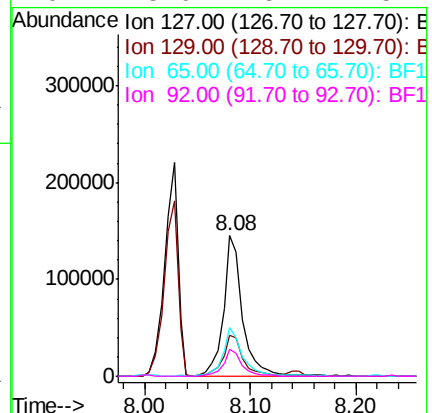
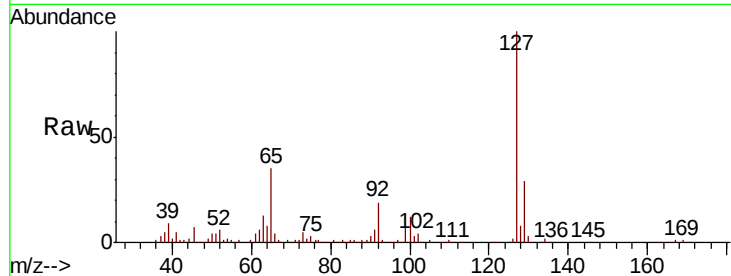
#33
4-Chloroaniline
Concen: 14.433 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		181192		
129	29.4	26.2	39.2		
65	34.9	28.3	42.5		
92	18.9	15.4	23.2		

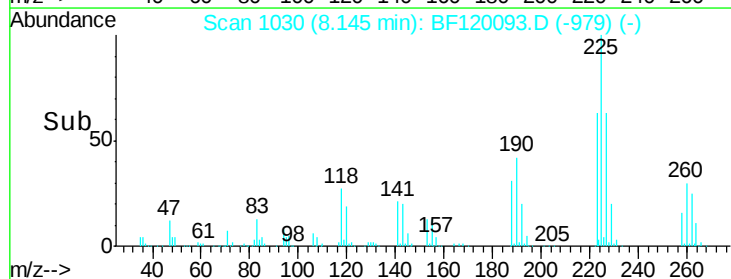
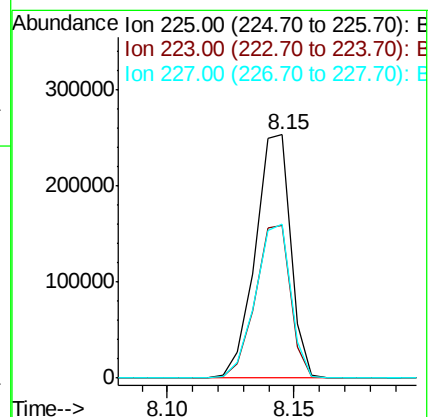
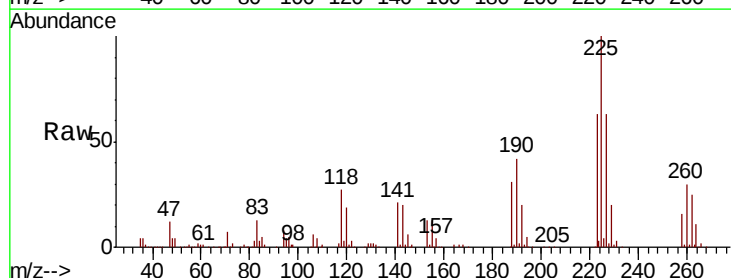
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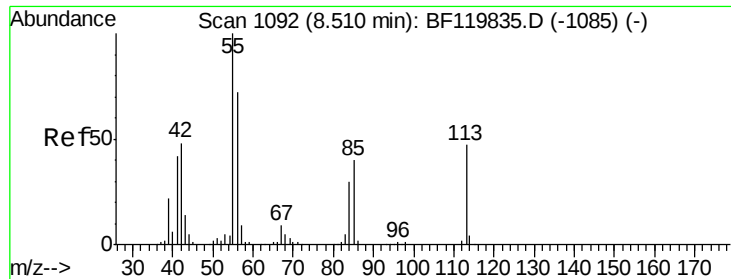
mohammad
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#34
Hexachlorobutadiene
Concen: 44.193 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		246735		
223	62.9	51.0	76.6		
227	63.4	50.4	75.6		





#35

Caprolactam

Concen: 50.412 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

ClientSampleId :

WB-4-1MSD

Tot Ion:113 Resp: 126934

Ion Ratio Lower Upper

113 100

55 226.5 192.7 232.7

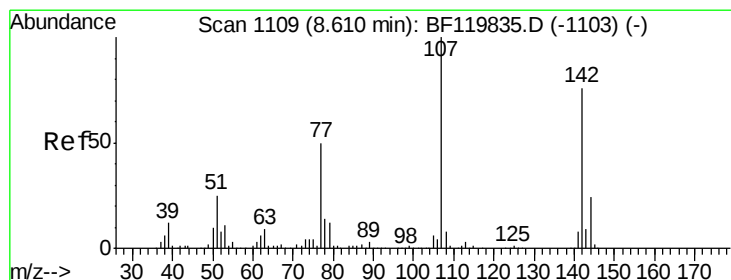
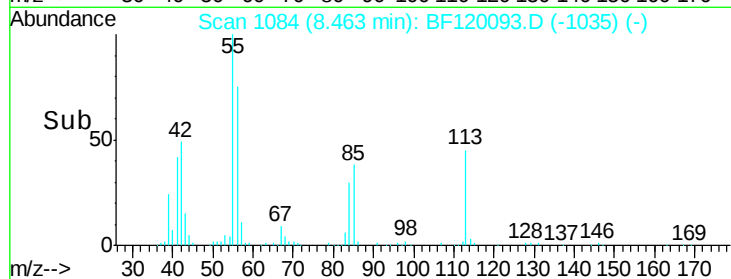
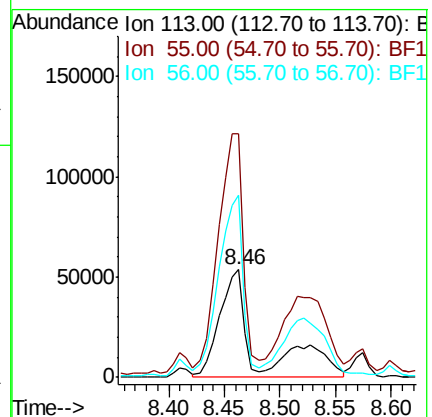
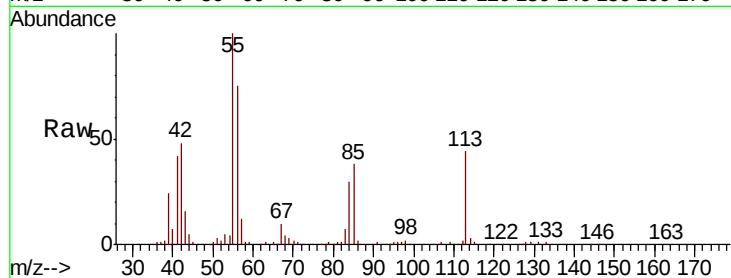
56 169.0 133.3 173.3

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#36

4-Chloro-3-methylphenol

Concen: 48.225 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

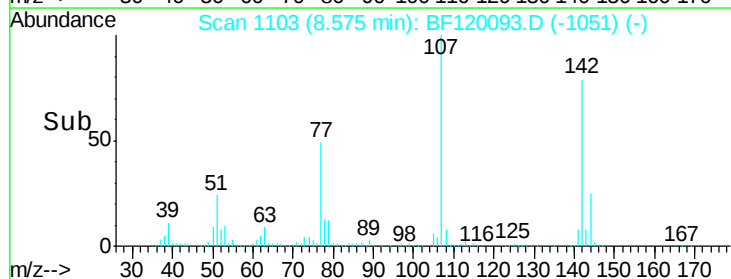
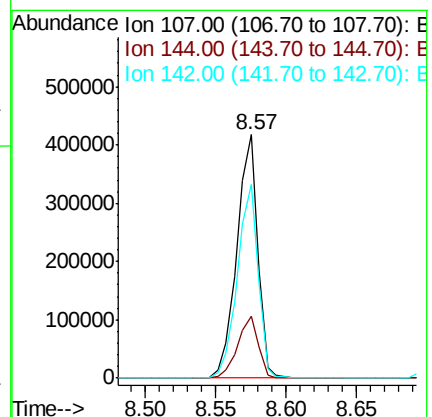
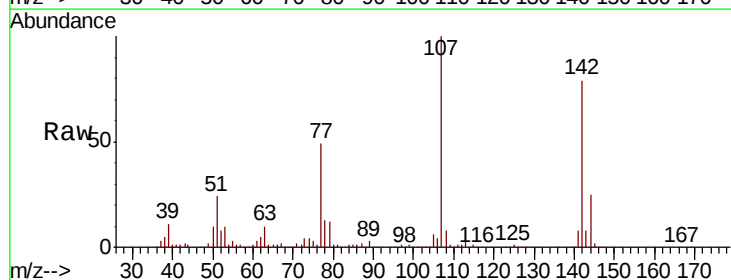
Tgt Ion:107 Resp: 429775

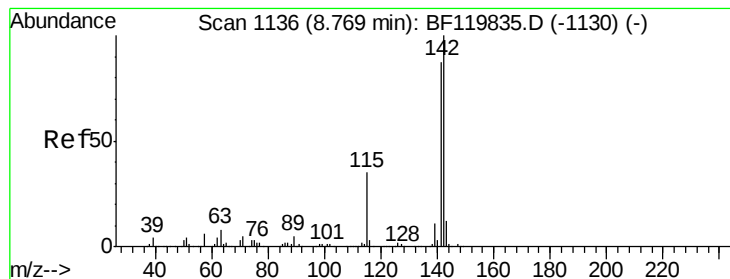
Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

142 79.3 60.5 90.7





#37

2-Methylnaphthalene

Concen: 47.900 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

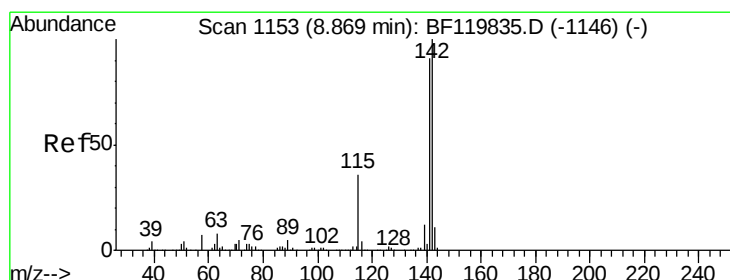
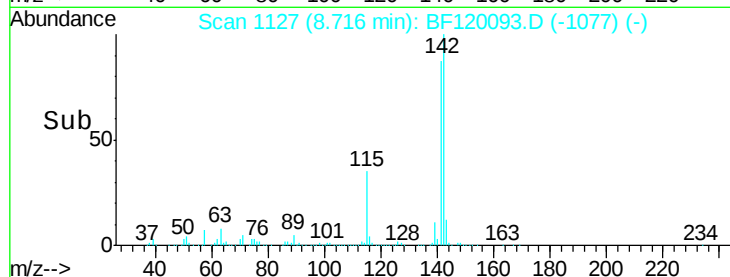
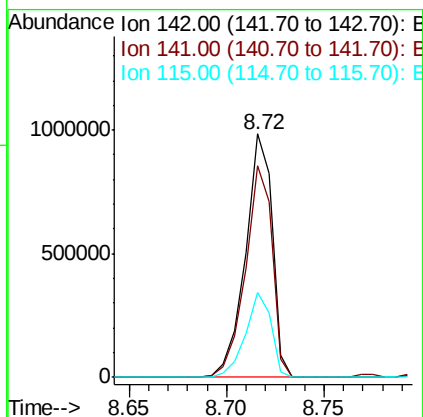
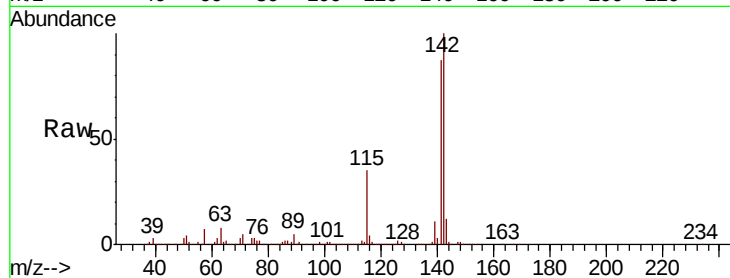
ClientSampleId :

WB-4-1MSD

Tot Ion:	142	Resp:	936457
Ion Ratio	Lower	Upper	
142	100		
141	87.1	69.9	104.9
115	34.9	28.0	42.0

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#38

1-Methylnaphthalene

Concen: 47.205 ng

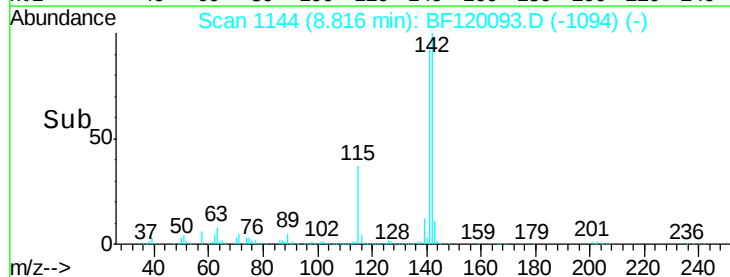
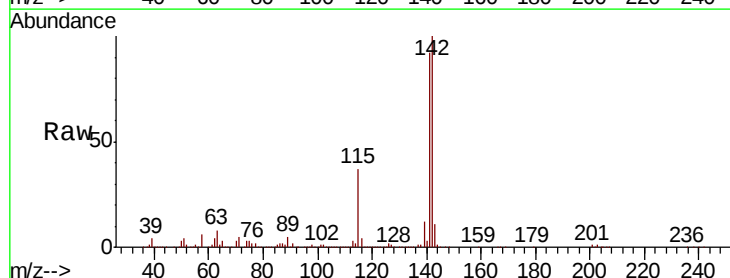
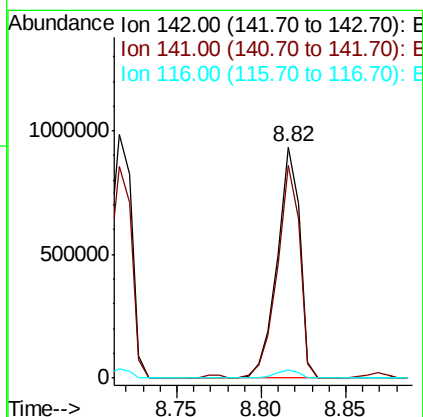
RT: 8.82 min Scan# 1144

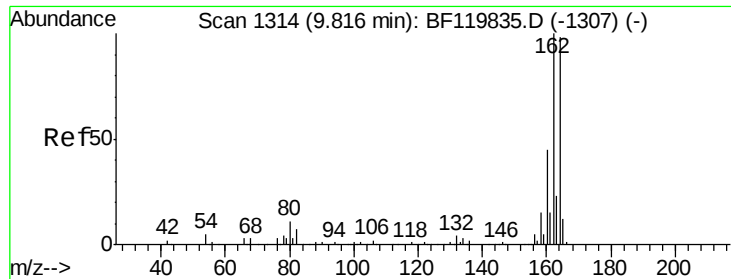
Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion:	142	Resp:	869852
Ion Ratio	Lower	Upper	
142	100		
141	91.9	72.9	109.3
116	3.7	3.0	4.6





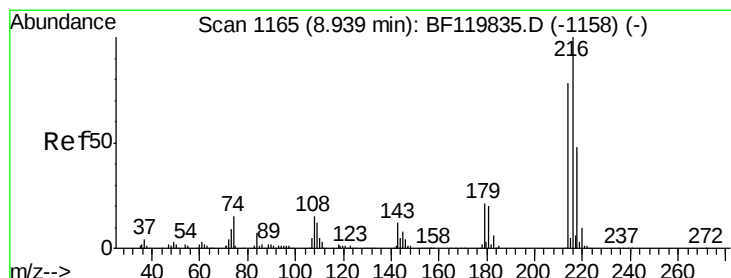
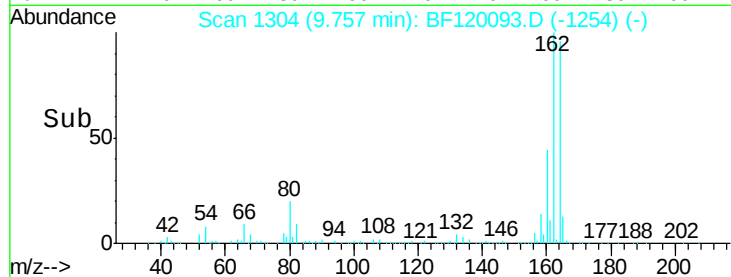
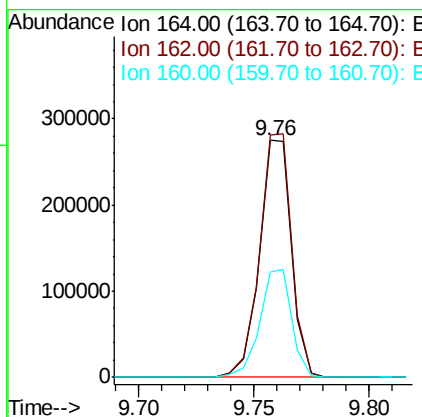
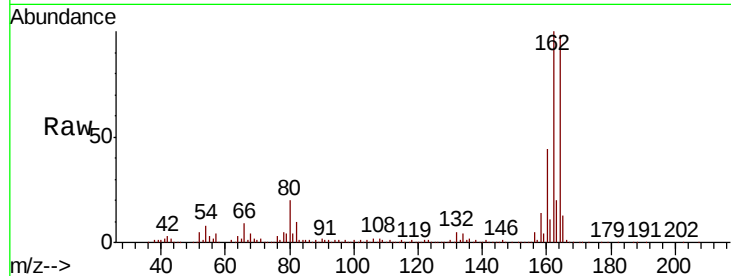
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion	164	Resp	265947
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.9	122.9
160	44.6	36.6	54.8

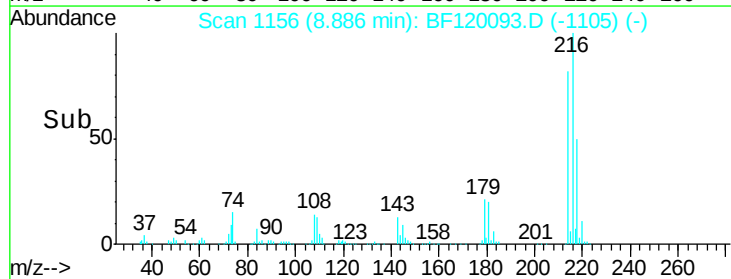
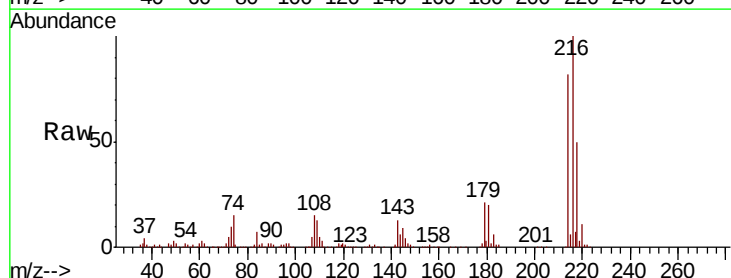
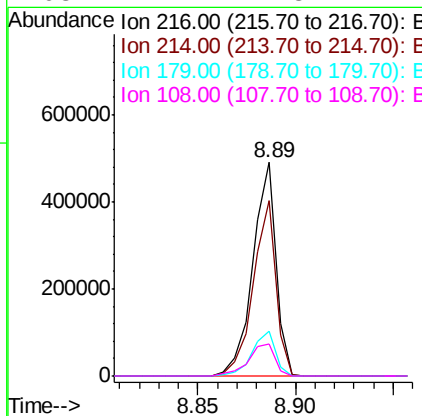
Manual Integrations
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.412 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion	216	Resp	406650
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.1	94.7
179	21.0	17.0	25.4
108	17.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 27.184 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

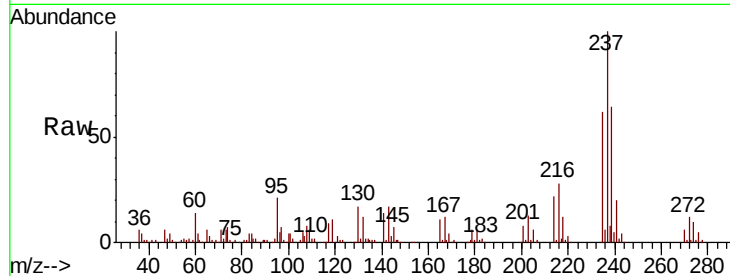
ClientSampleId :

WB-4-1MSD

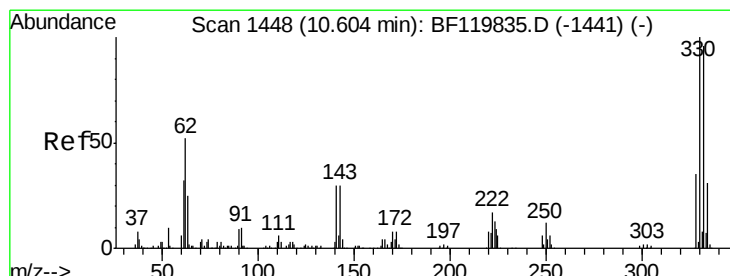
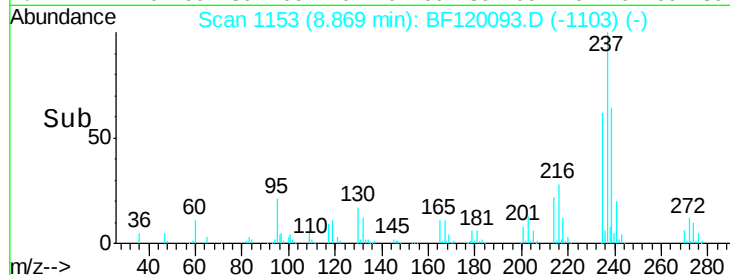
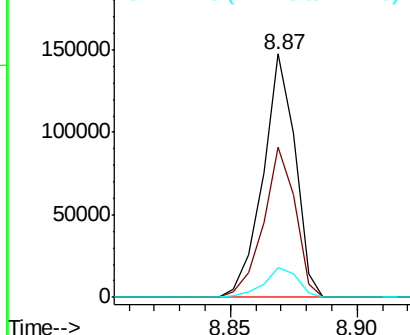
Tot Ion:	237	Resp:	129842
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.9	84.9
272	12.1	0.0	33.6

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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: 83.178 ng

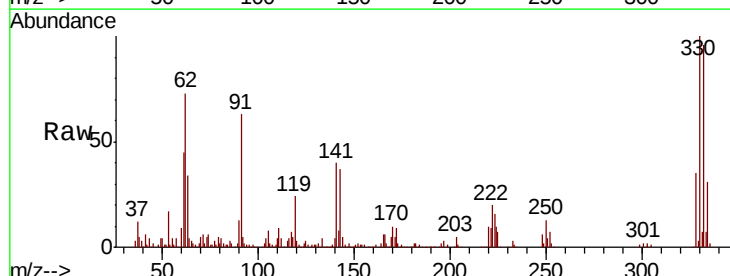
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

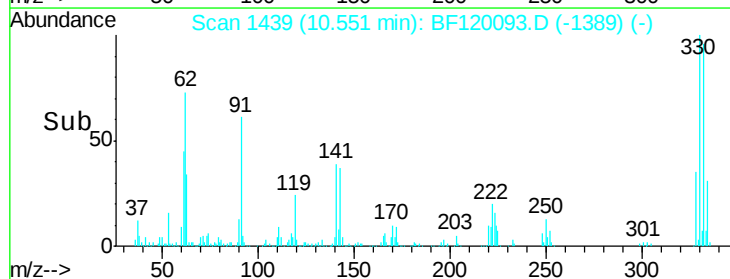
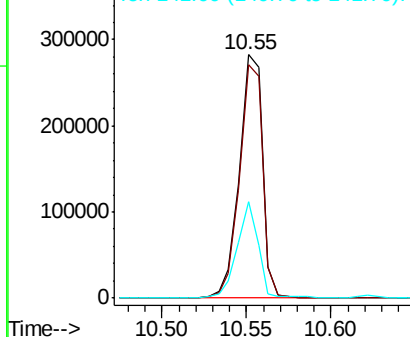
Lab File: BF120093.D

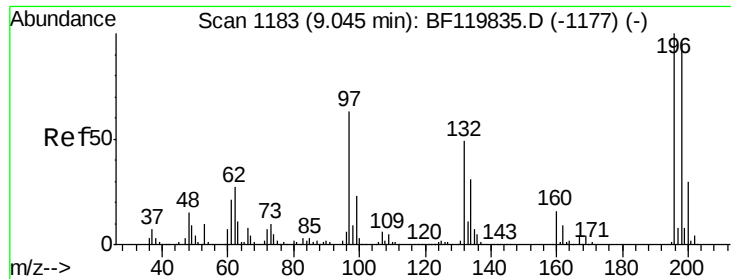
Acq: 20 Apr 2020 22:18

Tgt Ion:	330	Resp:	270836
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.8	115.2
141	35.3	25.1	37.7



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





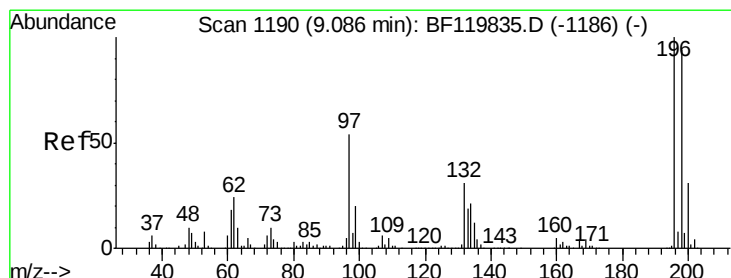
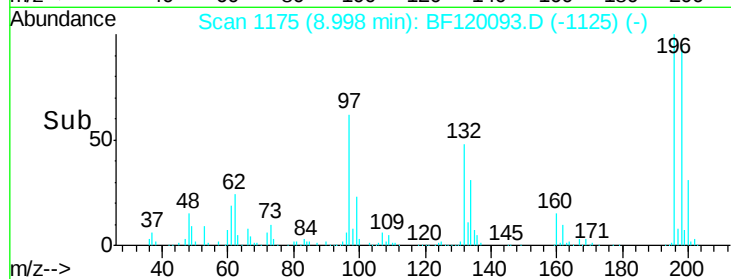
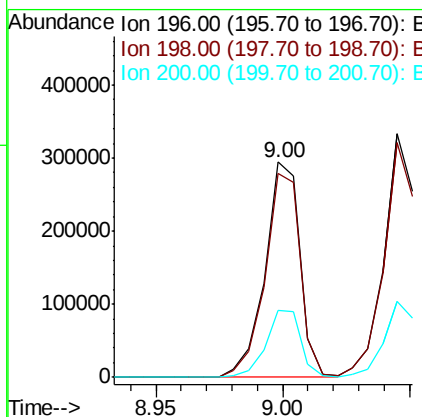
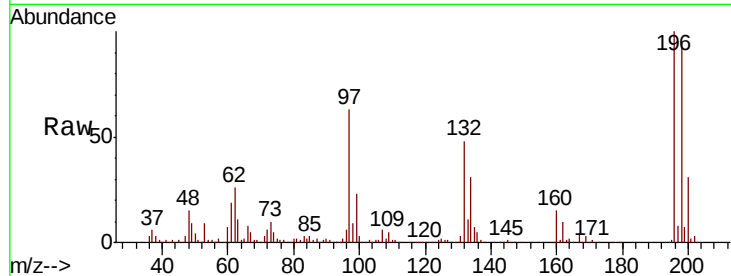
#43
 2,4,6-Trichlorophenol
 Concen: 49.348 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286240		
198	94.9	76.6	115.0	
200	31.3	24.2	36.2	

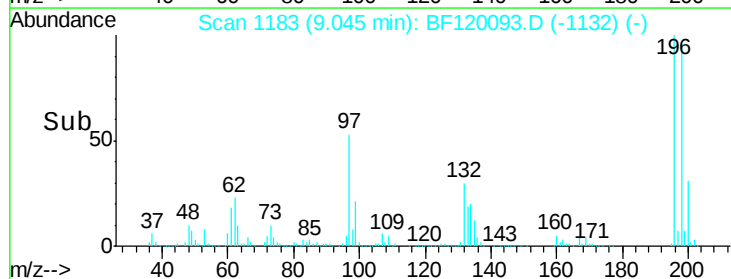
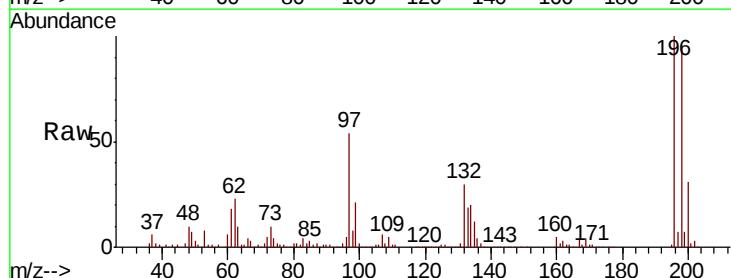
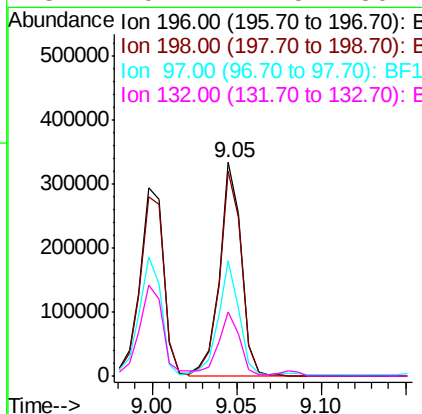
Manual Integrations
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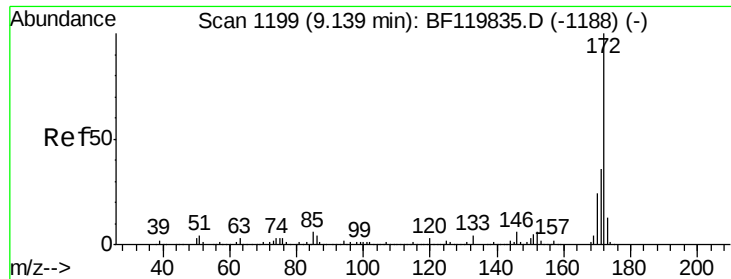
mohammad
 4/21/2020 2:55:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.545 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297545		
198	96.2	75.1	112.7	
97	53.8	43.4	65.2	
132	29.7	24.5	36.7	





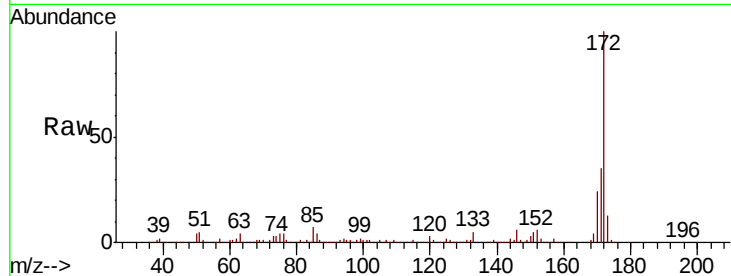
#45
2-Fluorobiphenyl
Concen: 74.528 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.6	19.4	29.2

Manual Integrations
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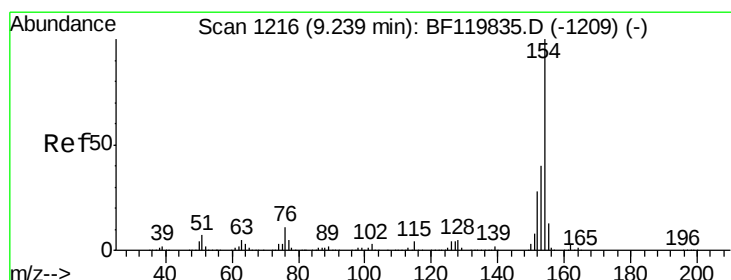
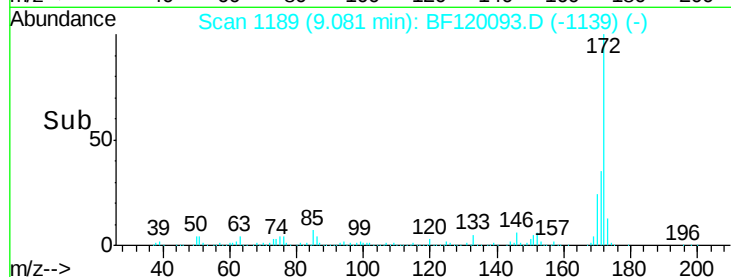
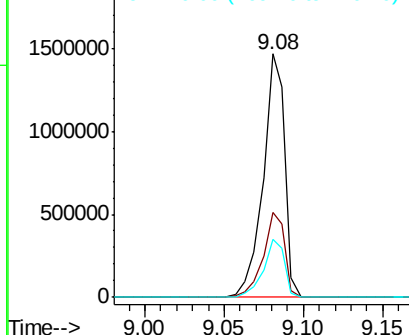


Abundance

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: 49.176 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

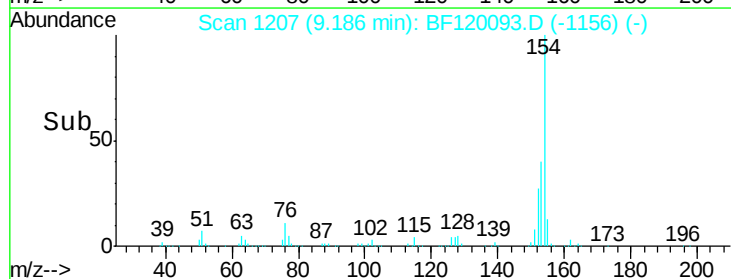
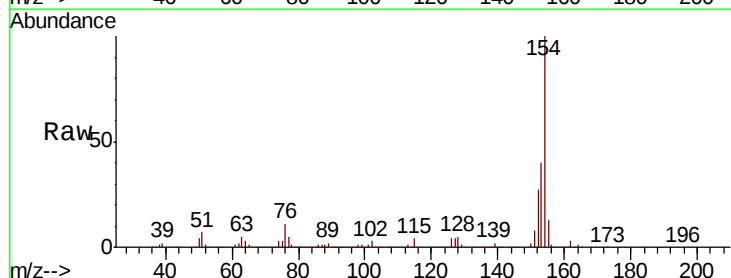
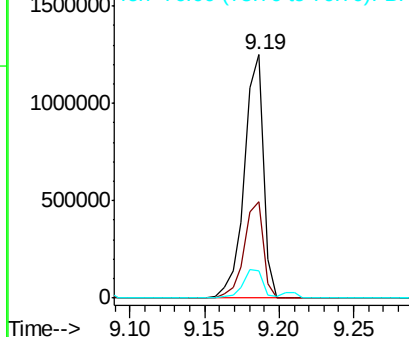
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.5	60.5
76	11.2	0.0	30.6

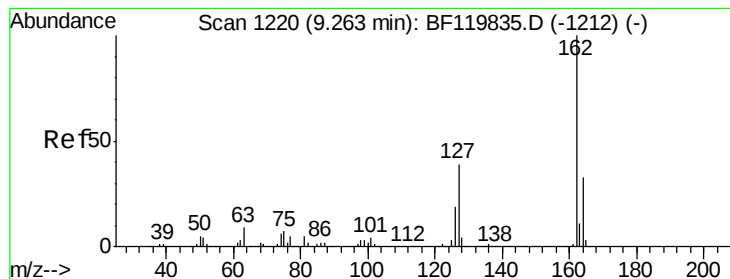
Abundance

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





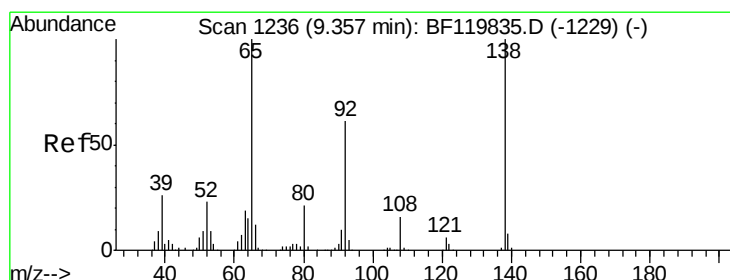
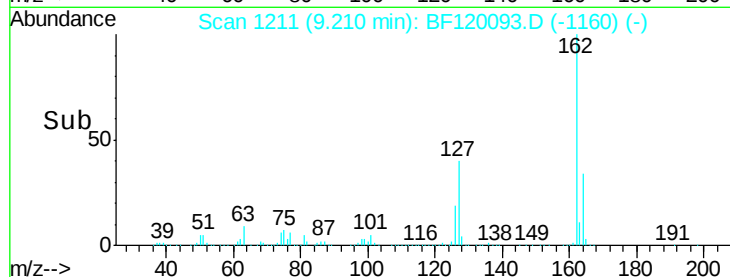
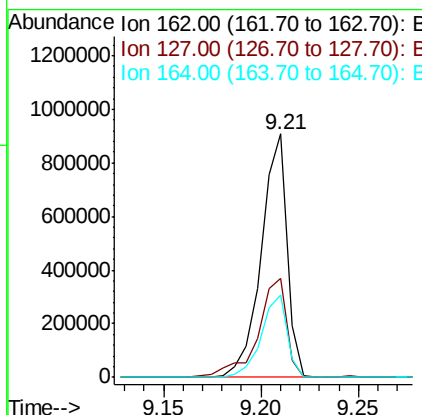
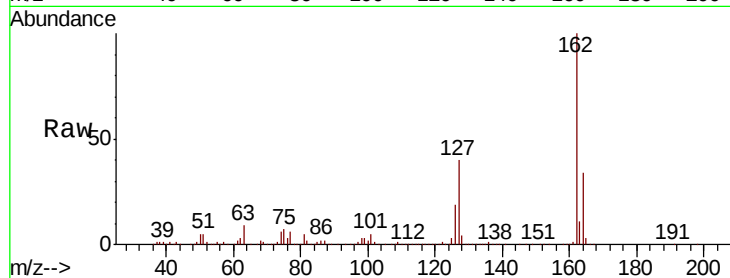
#47
 2-Chloronaphthalene
 Concen: 48.185 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.4	31.2	46.8		
164	33.6	26.3	39.5		

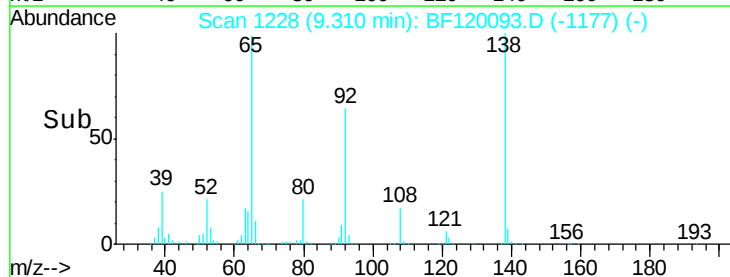
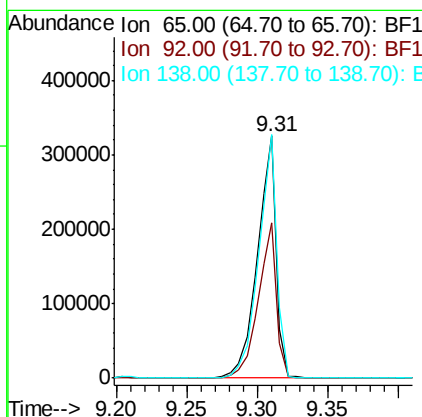
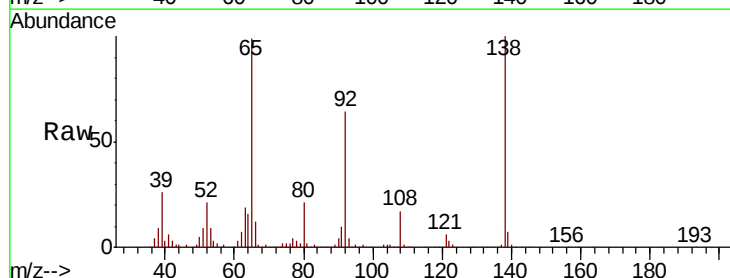
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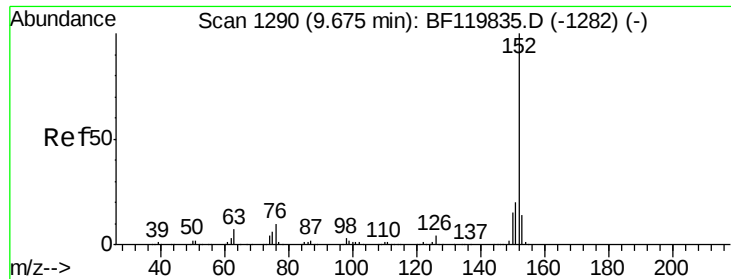
mohammad
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#48
 2-Nitroaniline
 Concen: 48.869 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	64.1	49.0	73.6		
138	100.5	79.7	119.5		





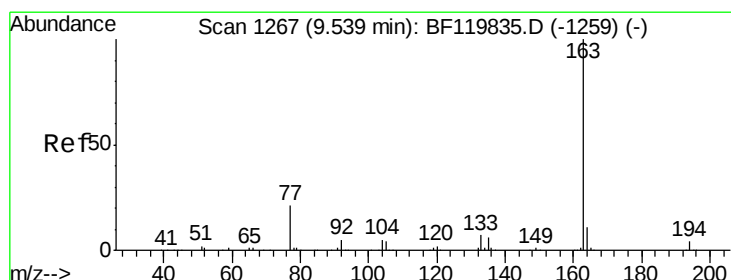
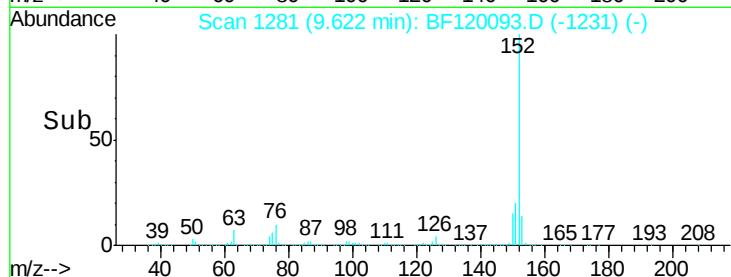
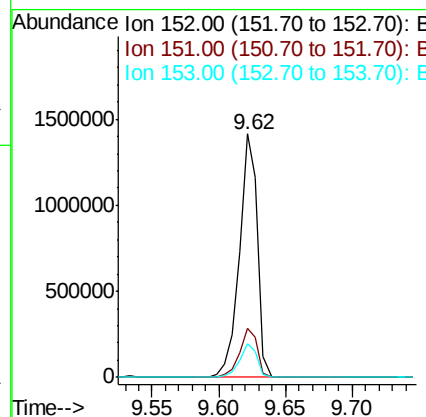
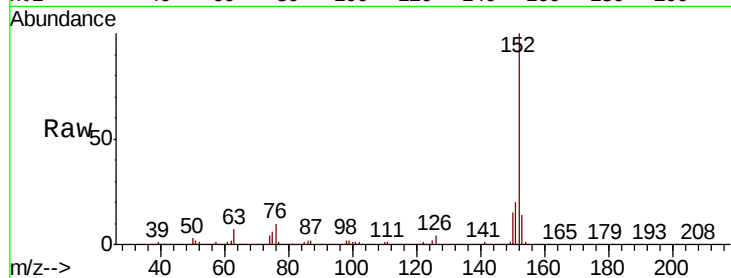
#49
Acenaphthylene
Concen: 50.861 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.8	10.9	16.3

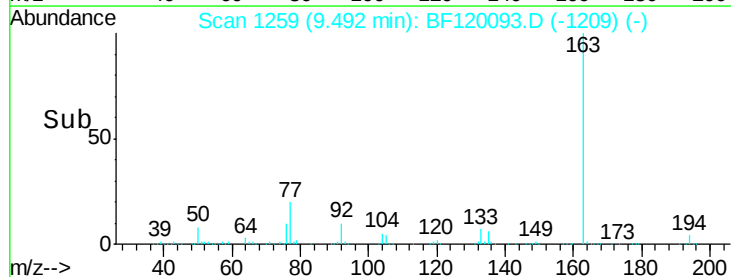
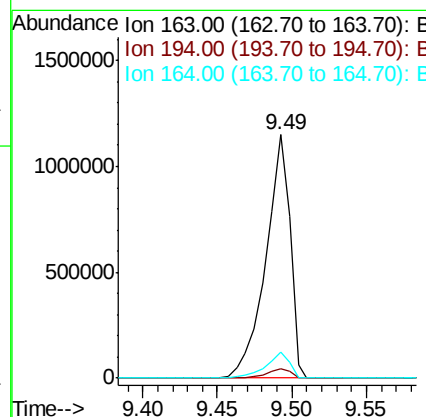
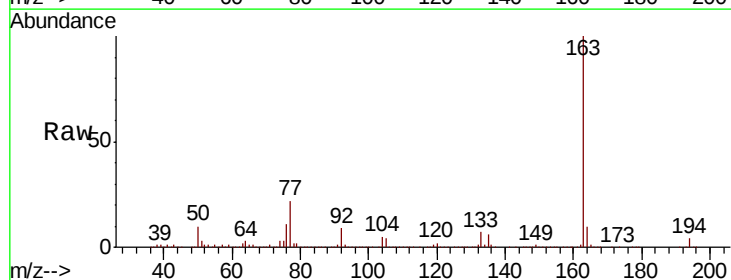
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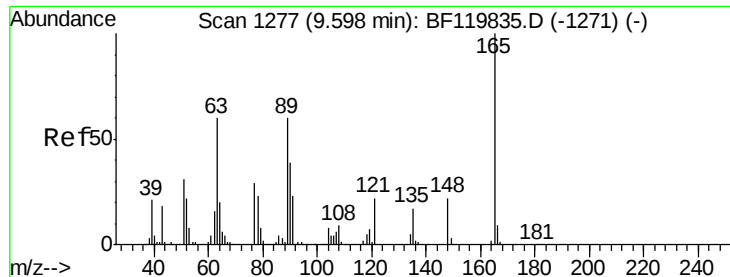
mohammad
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#50
Dimethylphthalate
Concen: 62.208 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.5	8.4	12.6





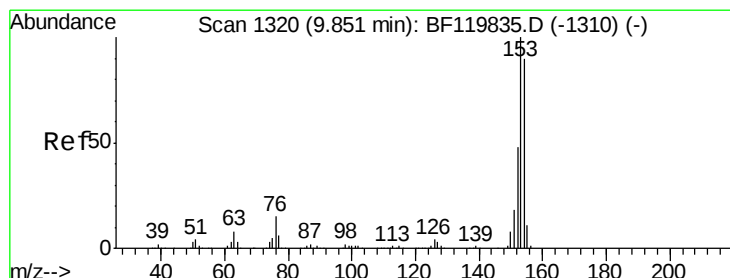
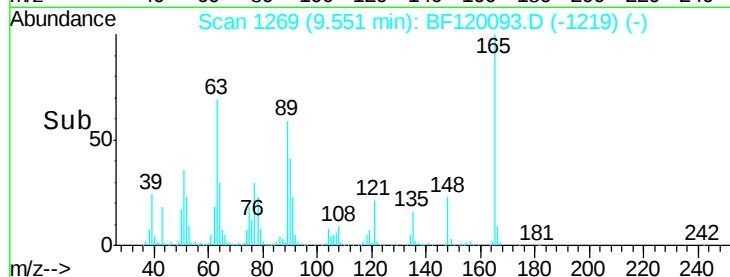
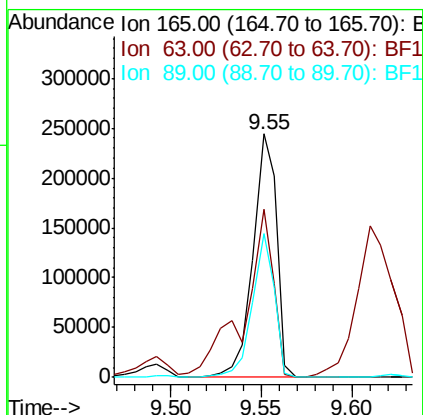
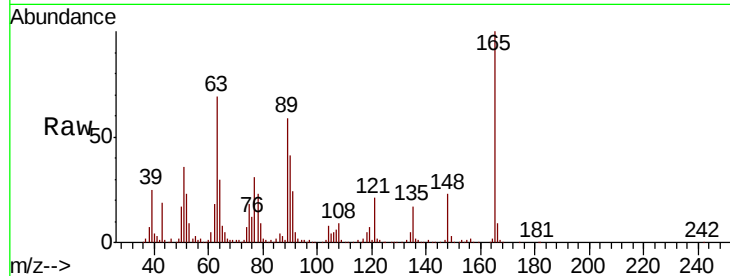
#51
 2,6-Dinitrotoluene
 Concen: 49.169 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion:	165	Resp:	221489
Ion Ratio	Lower	Upper	
165	100		
63	69.1	55.6	83.4
89	59.2	47.9	71.9

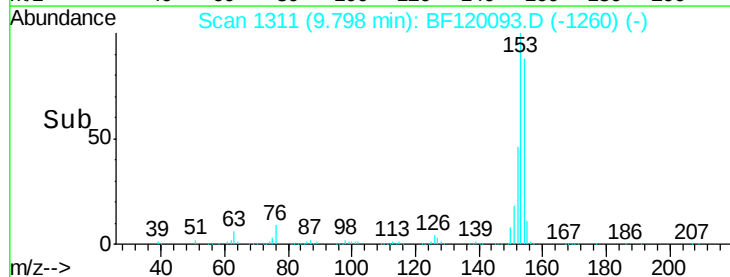
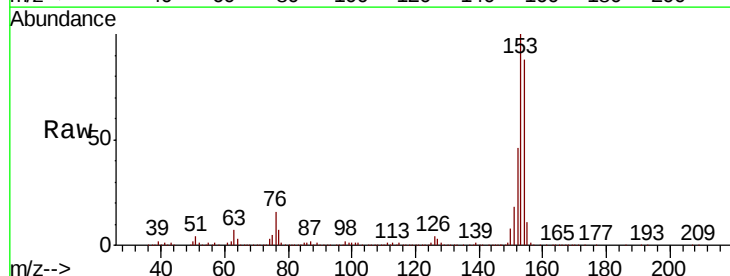
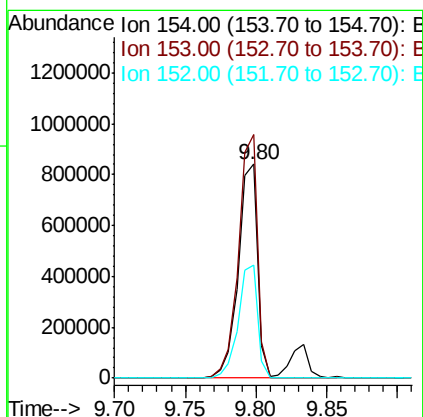
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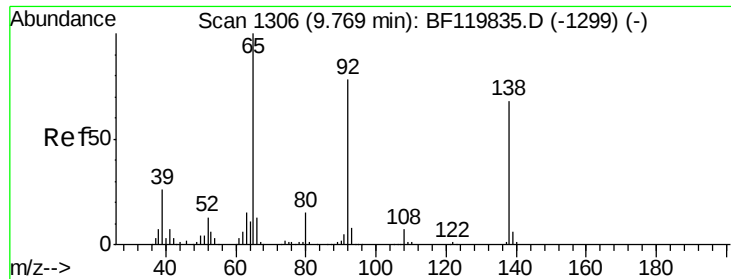
mohammad
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#52
 Acenaphthene
 Concen: 52.373 ng m
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion:	154	Resp:	918761
Ion Ratio	Lower	Upper	
154	100		
153	113.7	88.8	133.2
152	52.5	42.4	63.6





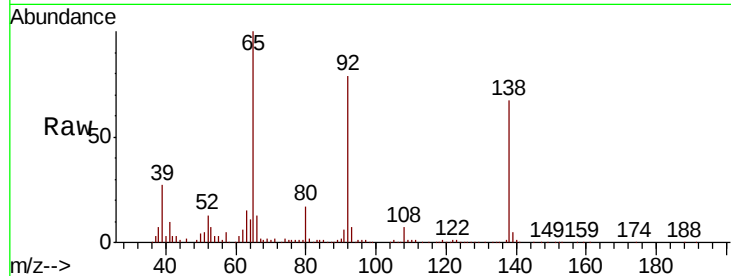
#53
3-Nitroaniline
Concen: 25.457 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

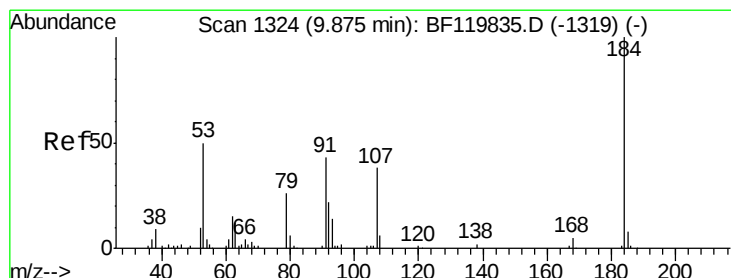
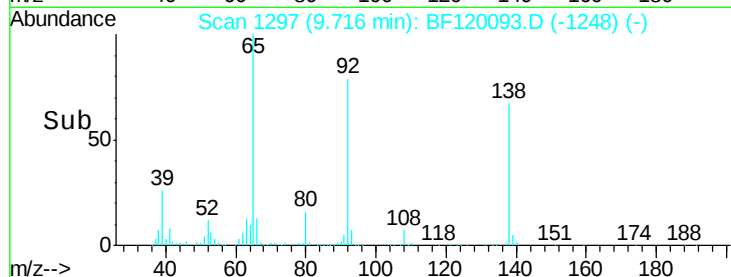
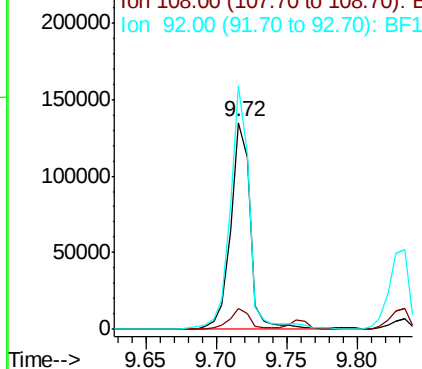
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.4	8.0	12.0	
92	117.9	92.1	138.1	

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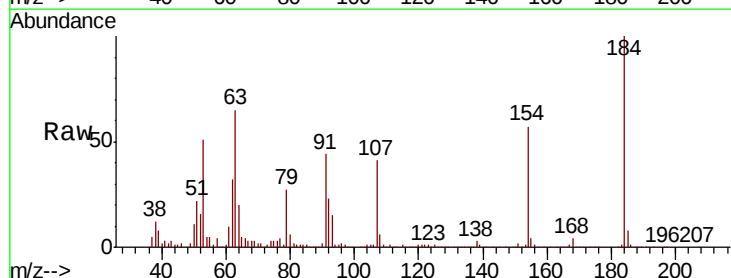


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

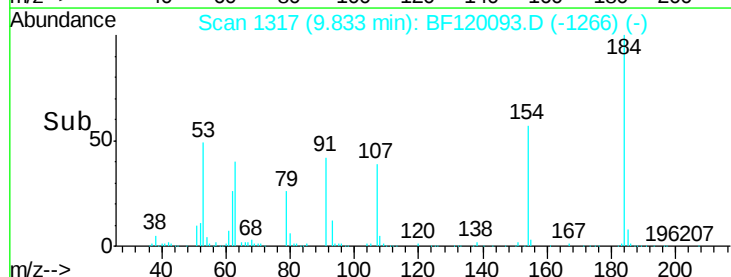
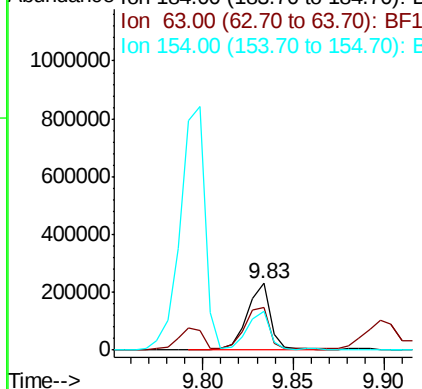


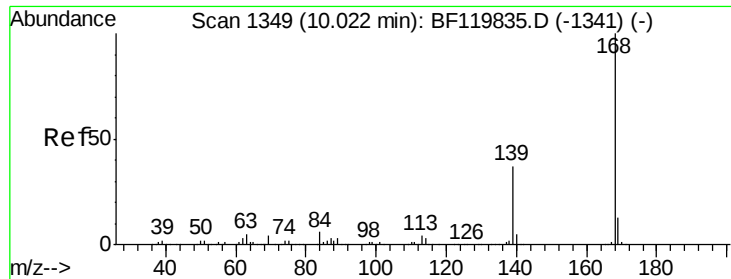
#54
2,4-Dinitrophenol
Concen: 77.356 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.7	49.8	74.6	
154	57.2	46.5	69.7	



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





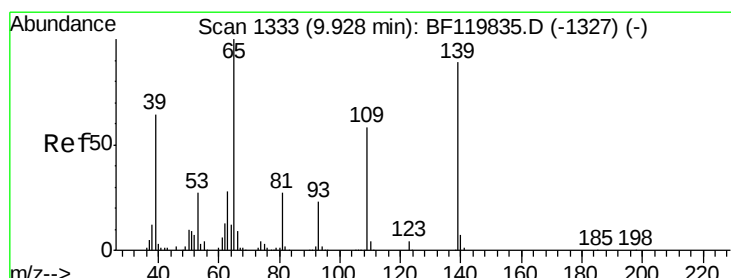
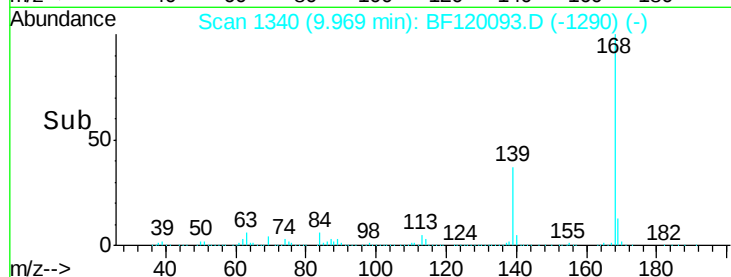
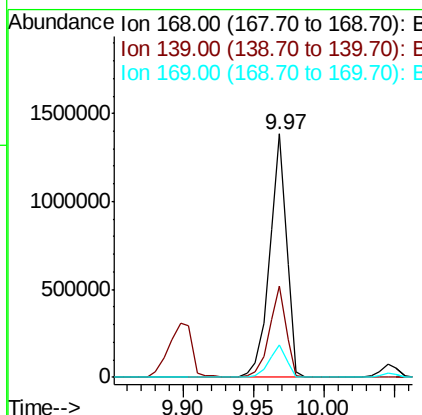
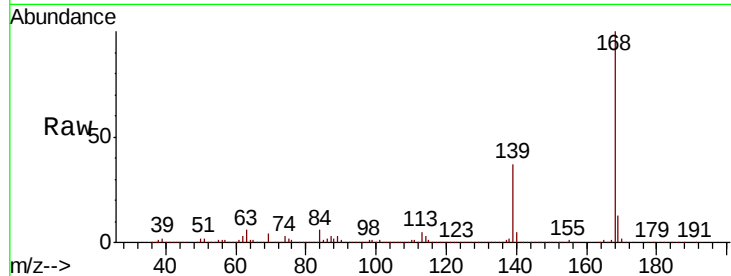
#55
Dibenzofuran
Concen: 48.715 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.8	44.6
169	13.3	10.6	15.8

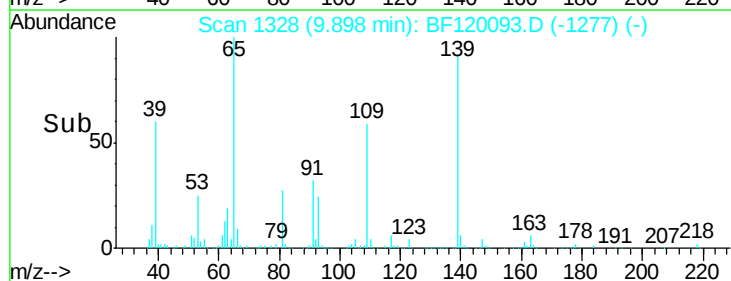
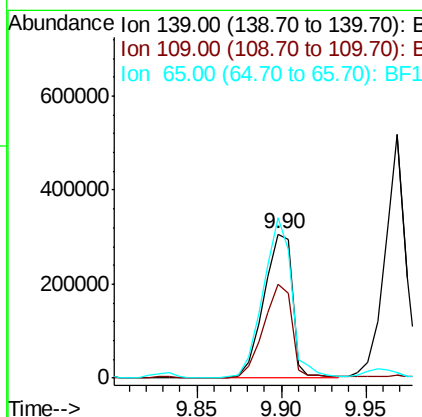
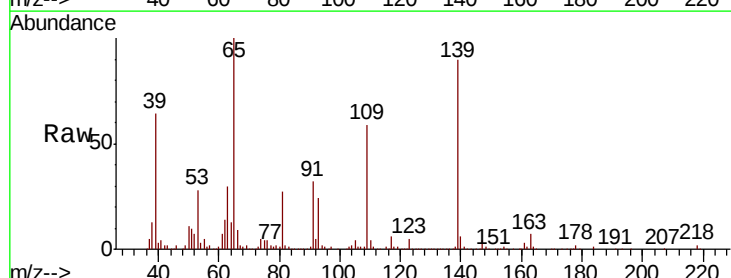
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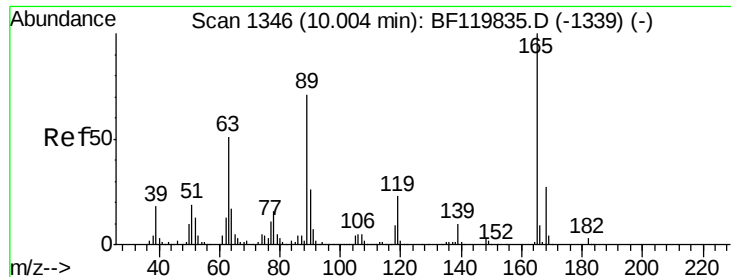
mohammad
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#56
4-Nitrophenol
Concen: 94.581 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	45.5	85.5
65	110.9	92.3	132.3





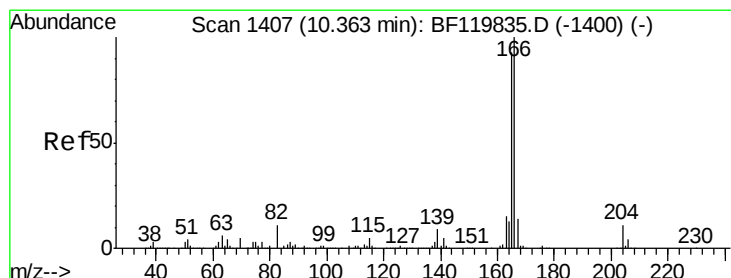
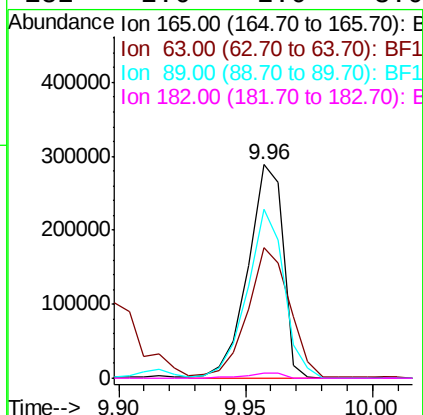
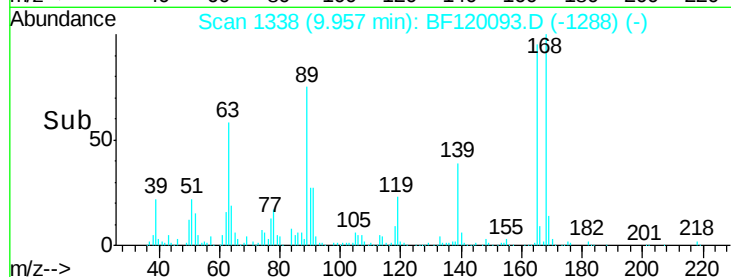
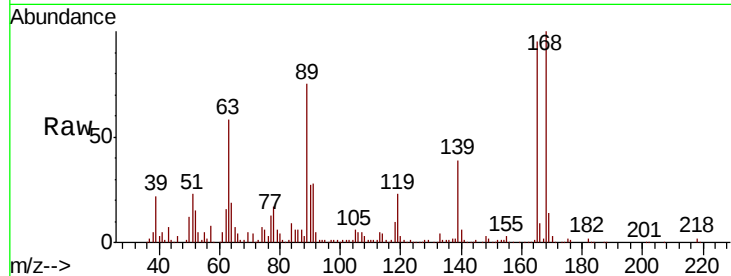
#57
2,4-Dinitrotoluene
Concen: 47.095 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		279502		
63	61.0	40.8	61.2		
89	79.0	56.9	85.3		
182	2.6	2.0	3.0		

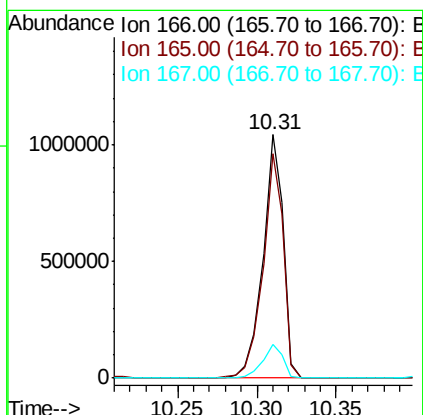
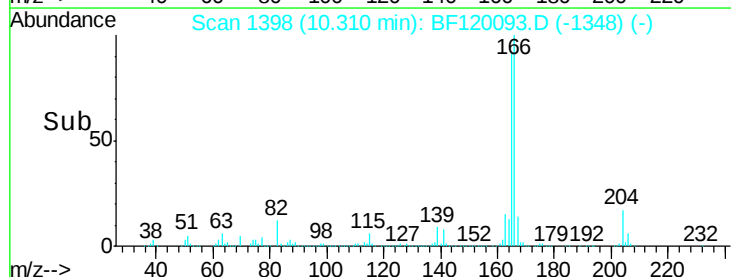
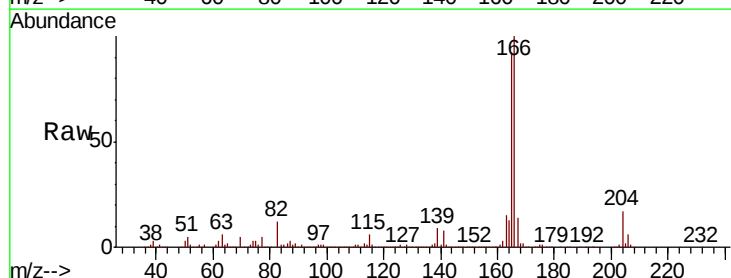
Manual Integrations
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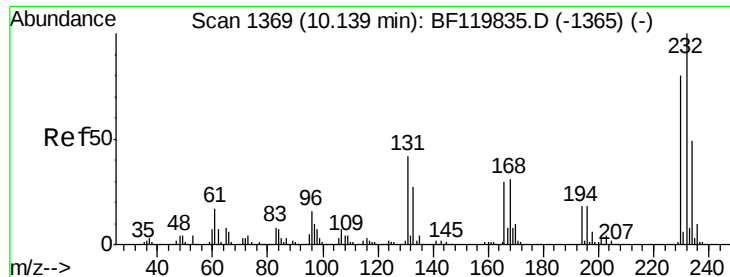
mohammad
4/21/2020 2:55:14 PM



#58
Fluorene
Concen: 48.616 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		935962		
165	92.4	74.2	111.2		
167	13.6	10.8	16.2		





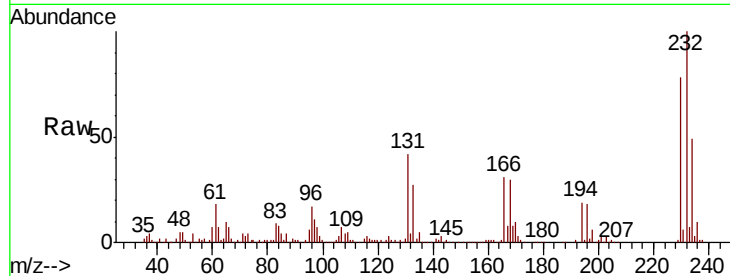
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.057 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

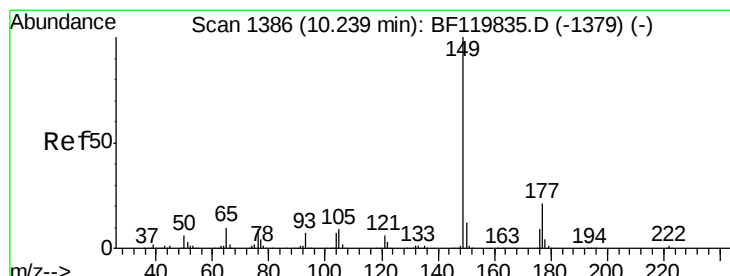
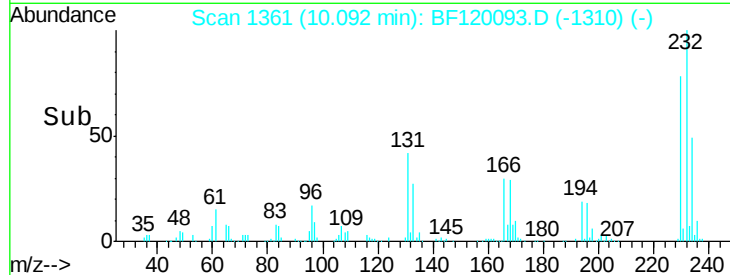
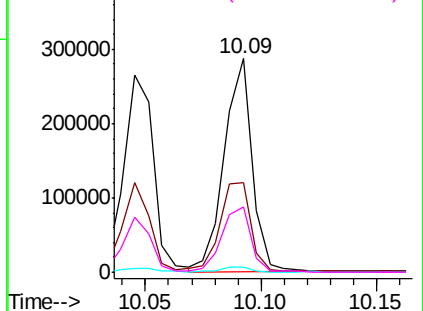
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		240119		
131	46.4	37.9	56.9		
130	2.4	1.8	2.6		
166	32.8	25.4	38.0		

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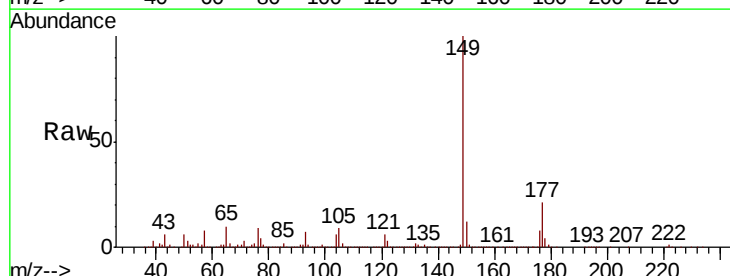


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

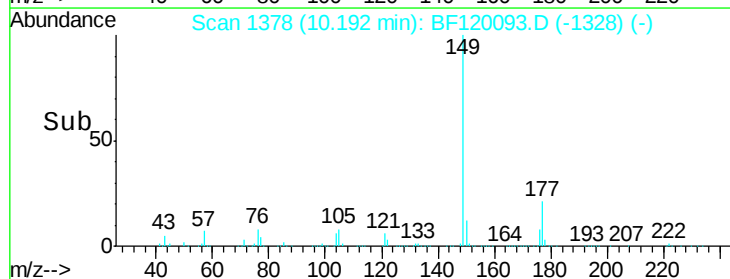
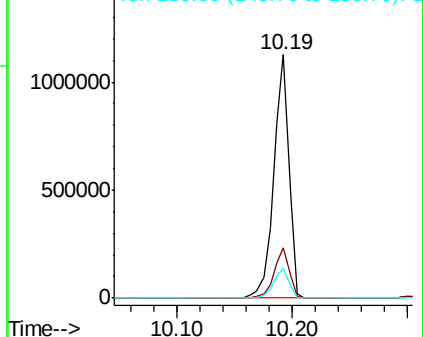


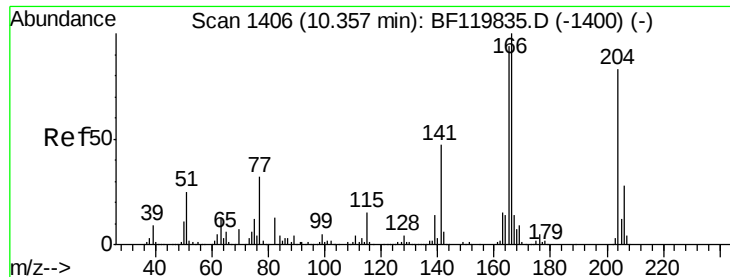
#60
Diethylphthalate
Concen: 47.957 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1022446		
177	20.8	16.8	25.2		
150	12.4	9.8	14.6		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





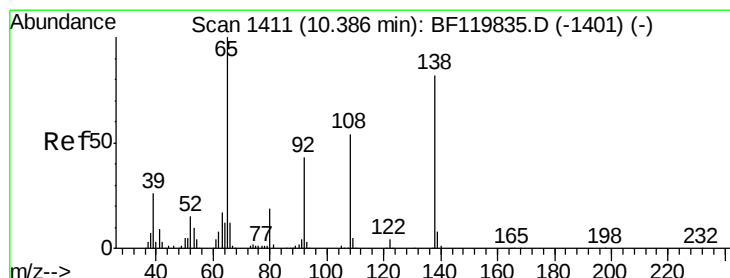
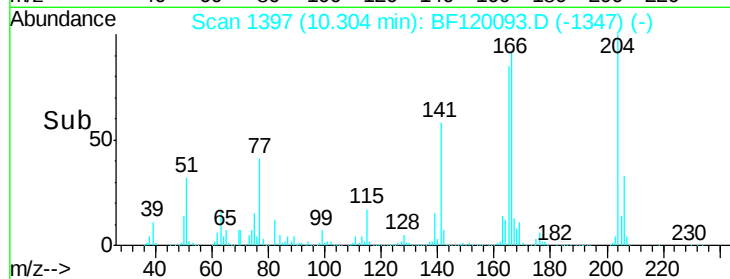
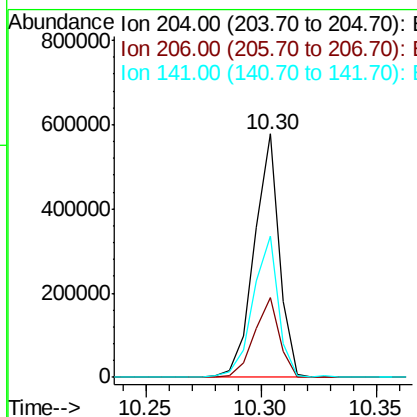
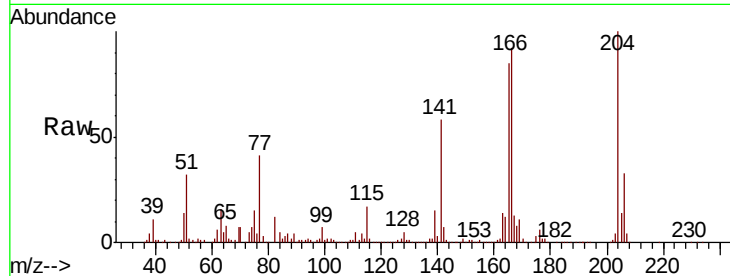
#61
 4-Chlorophenyl-phenylether
 Concen: 44.279 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion:	204	Resp:	436929
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	58.0	45.8	68.8

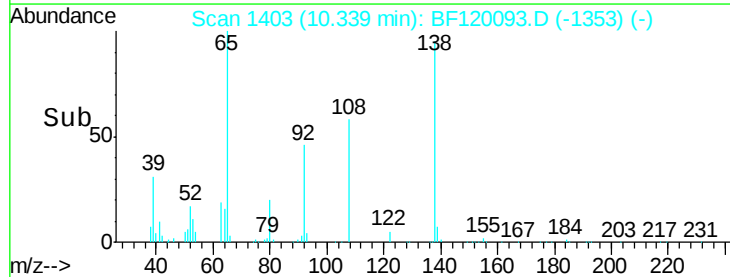
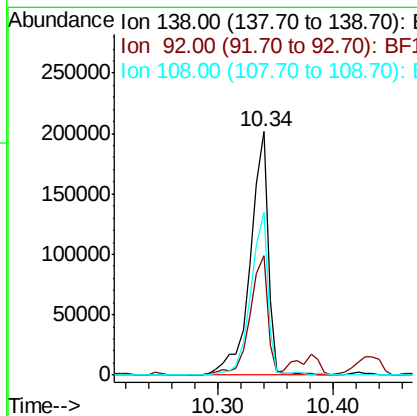
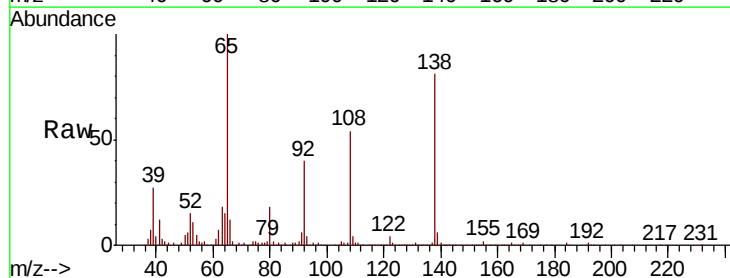
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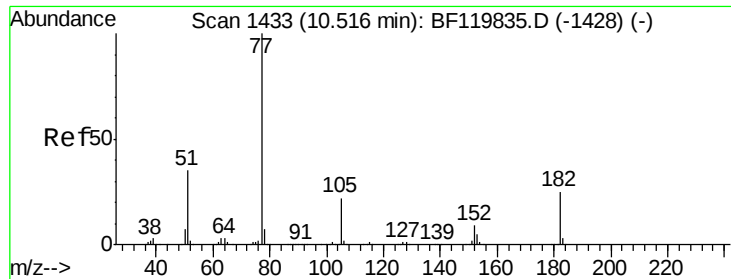
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#62
 4-Nitroaniline
 Concen: 43.673 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion:	138	Resp:	214125
Ion Ratio	Lower	Upper	
138	100		
92	49.2	31.6	71.6
108	66.9	45.2	85.2





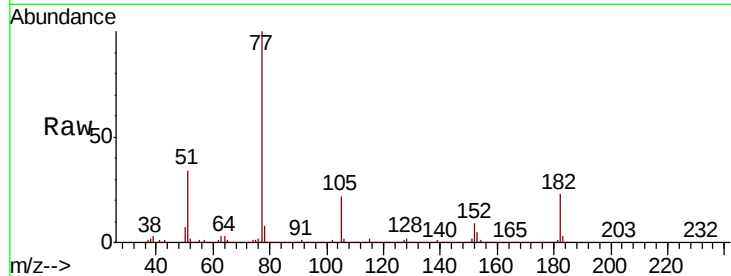
#63
Azobenzene
Concen: 47.619 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.5	4.5	44.5		
105	22.1	2.2	42.2		
51	34.2	15.1	55.1		

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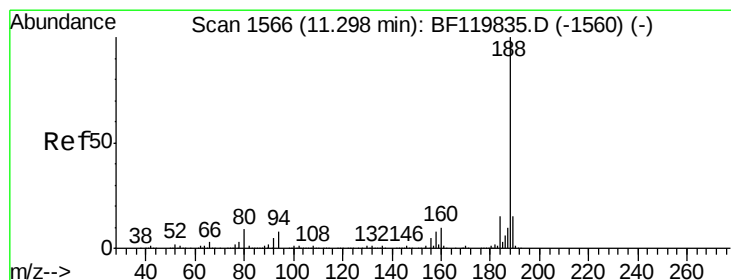
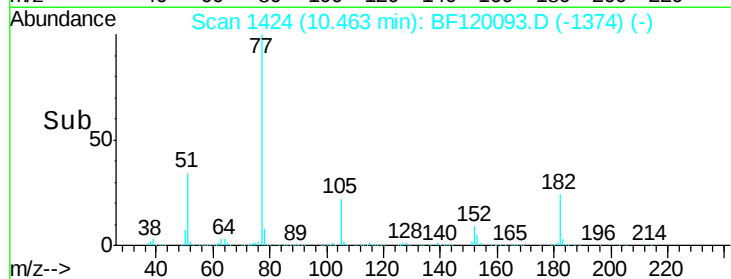
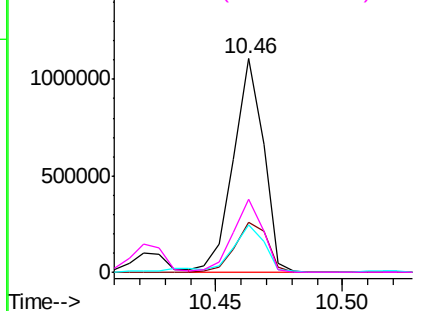


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



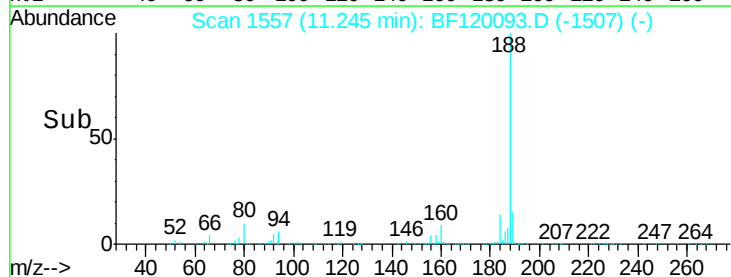
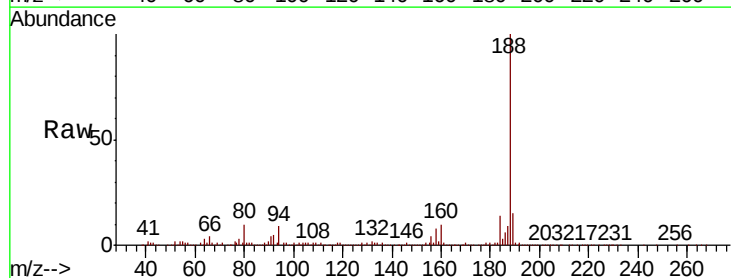
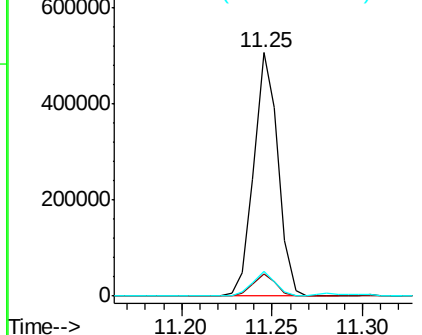
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

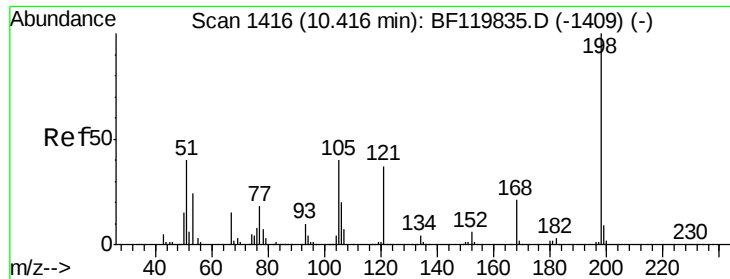
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0	6.7	10.1		
80	10.1	7.4	11.2		

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





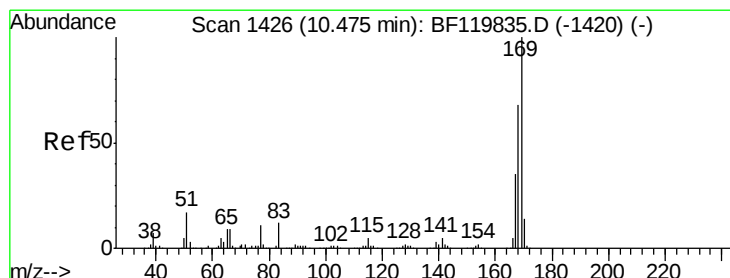
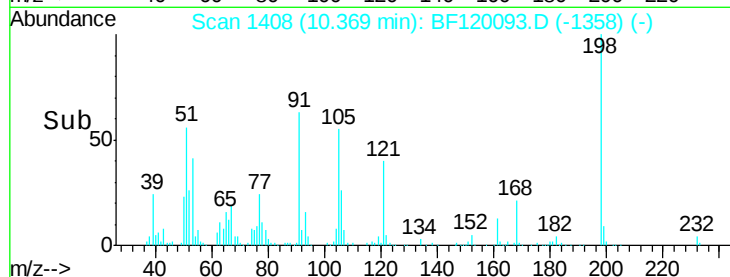
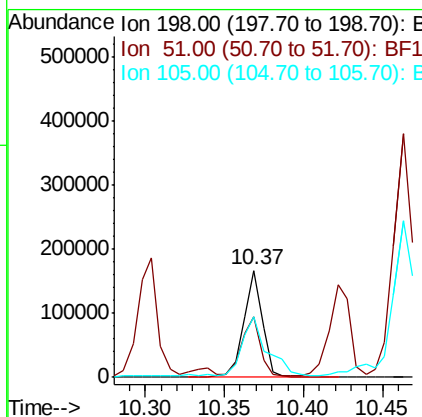
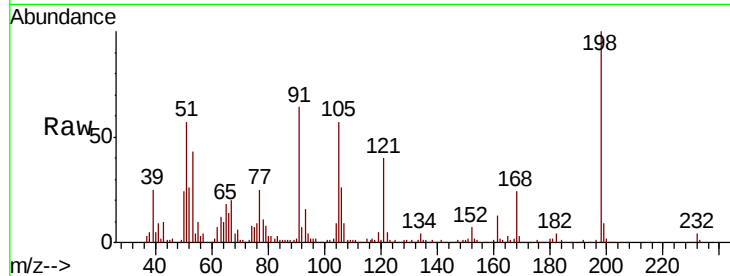
#65
4,6-Dinitro-2-methylphenol
Concen: 44.058 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.8	25.2	65.2
105	56.6	20.8	60.8

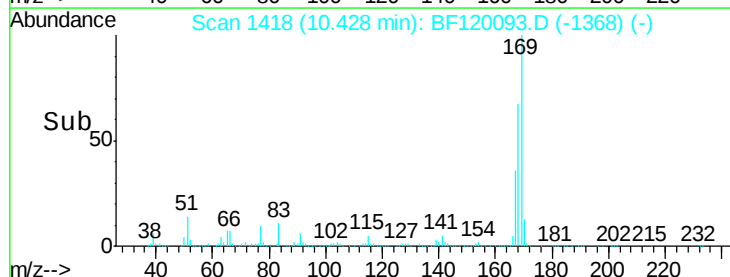
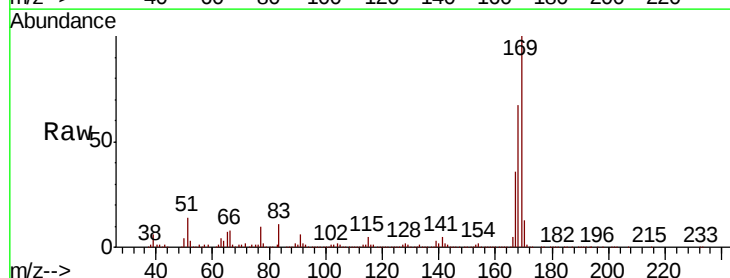
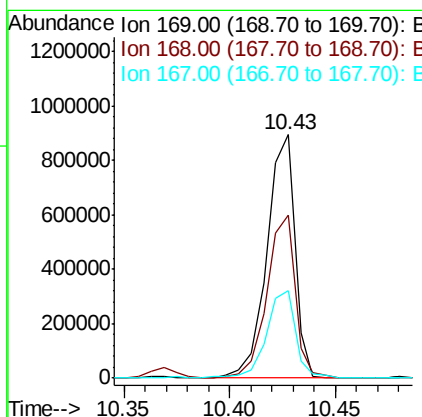
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#66
n-Nitrosodiphenylamine
Concen: 52.740 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.4
167	35.9	28.3	42.5





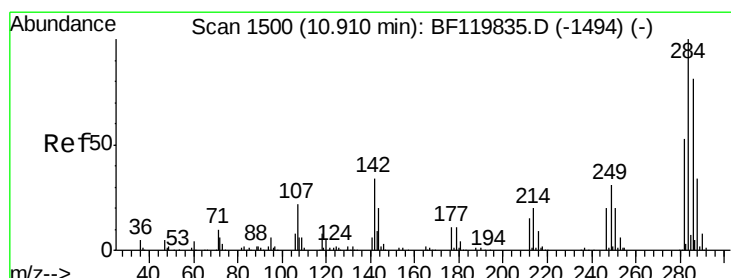
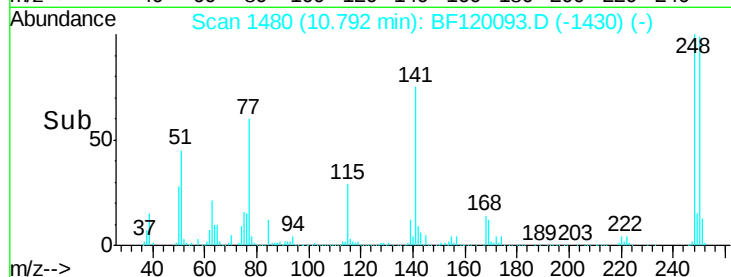
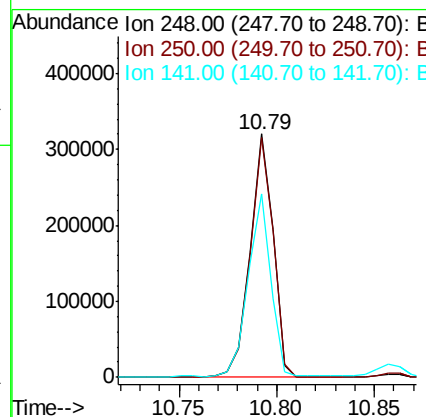
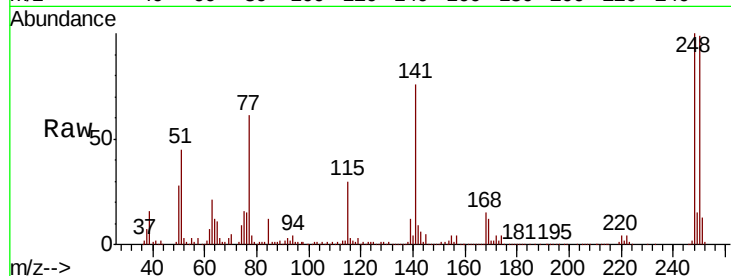
#67
 4-Bromophenyl-phenylether
 Concen: 45.047 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion:	248	Resp:	263208
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.6	114.8
141	75.6	55.9	83.9

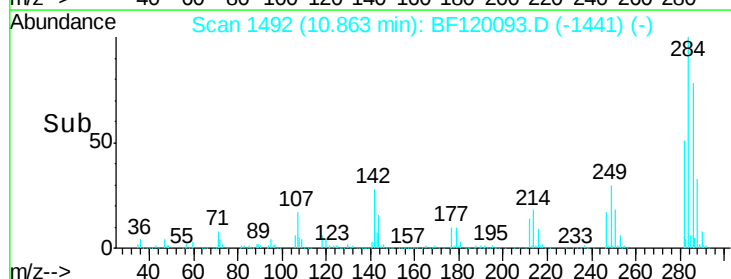
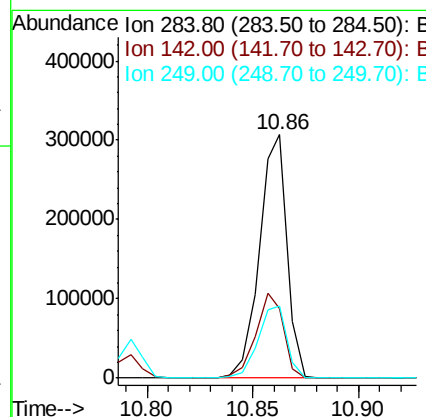
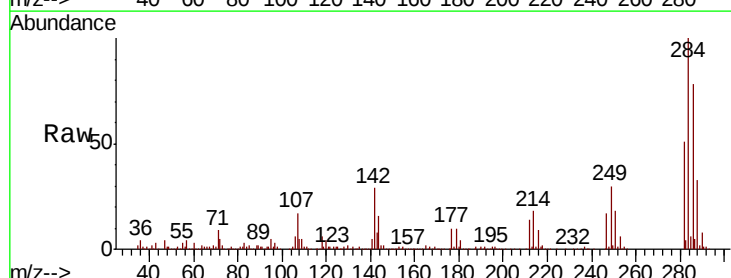
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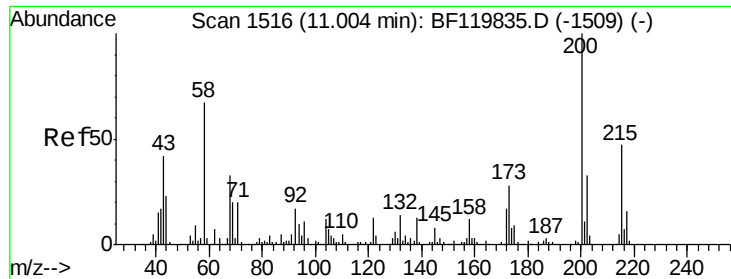
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#68
 Hexachlorobenzene
 Concen: 47.225 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion:	284	Resp:	279924
Ion Ratio	Lower	Upper	
284	100		
142	28.8	26.9	40.3
249	29.7	24.6	37.0





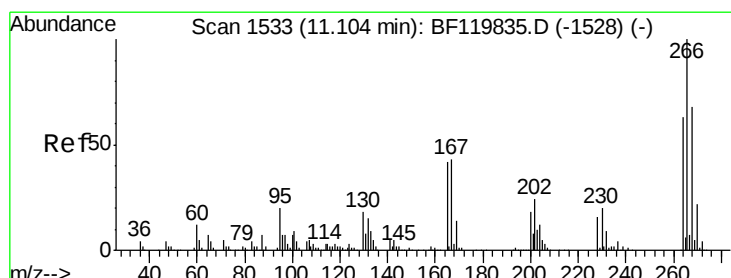
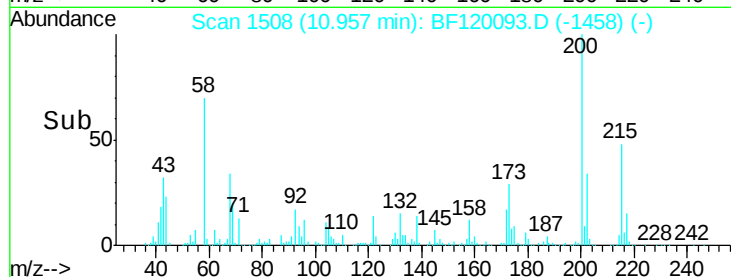
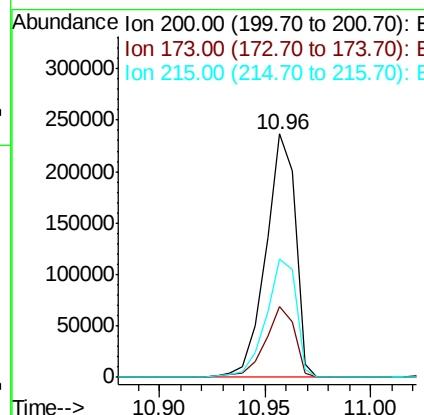
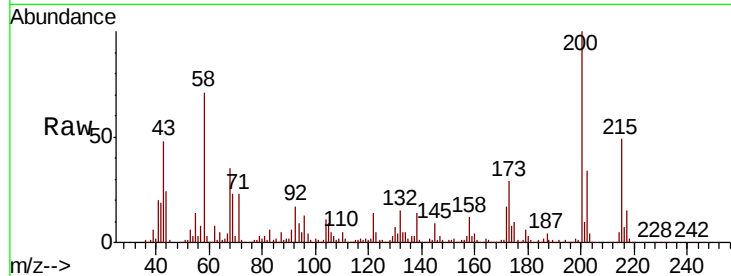
#69
Atrazine
Concen: 53.052 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.1	8.0	48.0
215	48.5	27.1	67.1

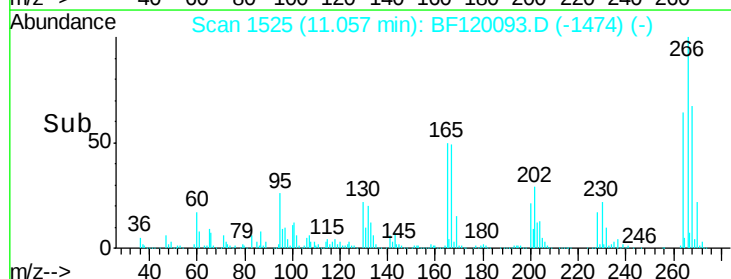
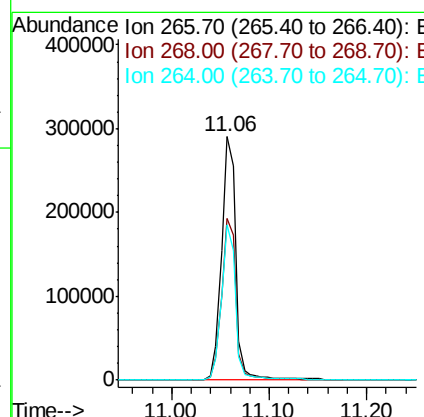
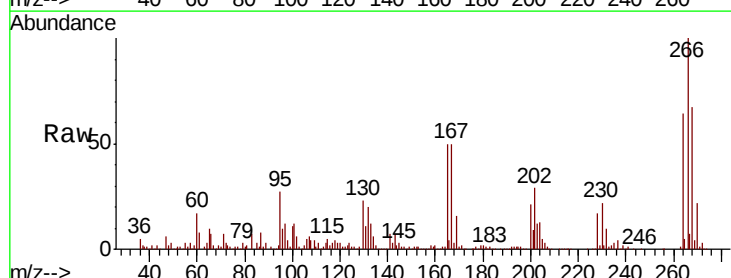
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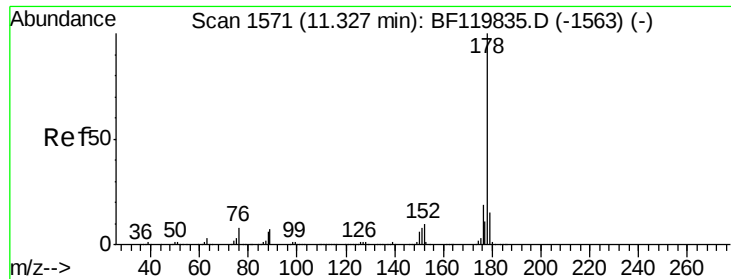
mohammad
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#70
Pentachlorophenol
Concen: 87.344 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.5	54.2	81.4
264	63.6	50.6	76.0





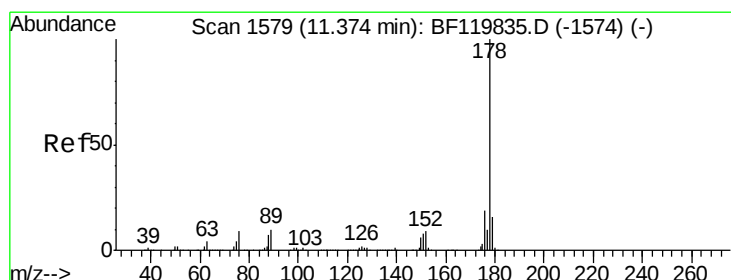
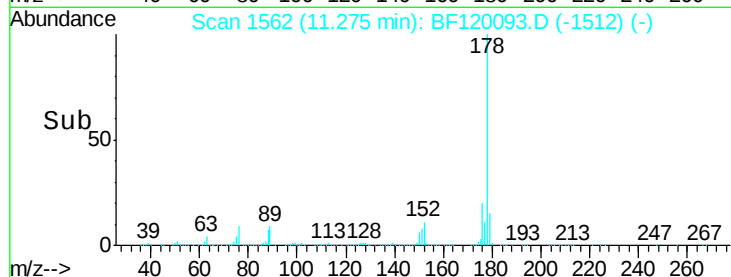
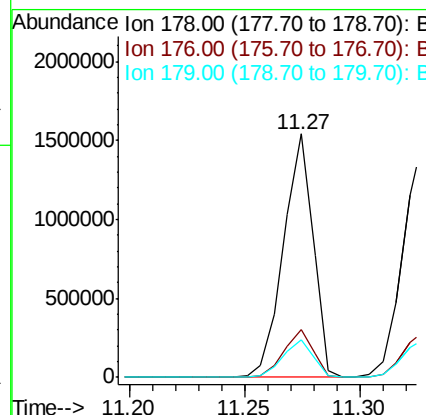
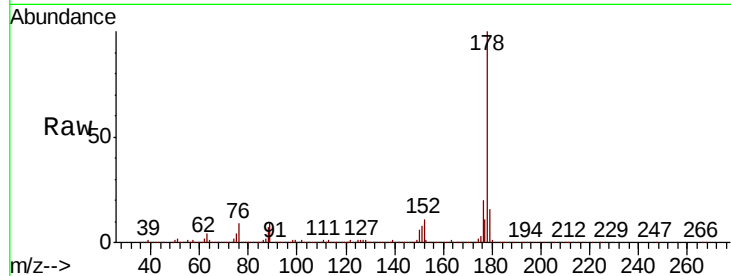
#71
Phenanthrene
Concen: 54.854 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.6	12.2	18.4

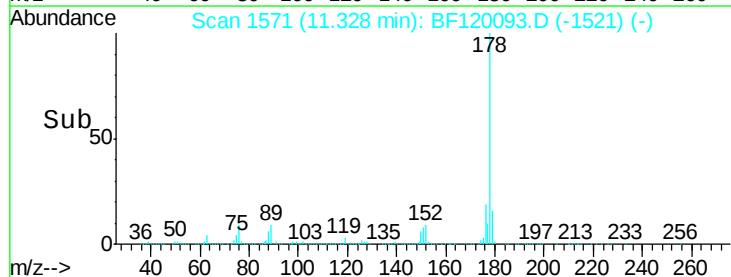
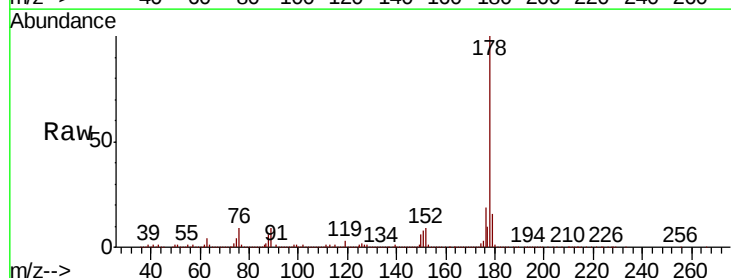
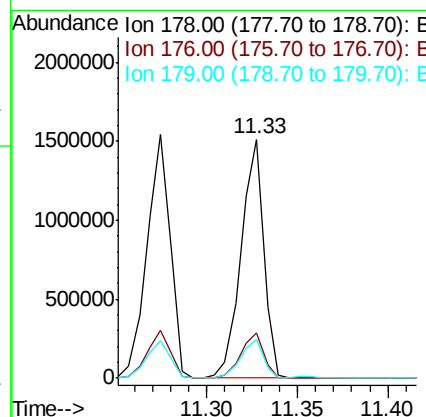
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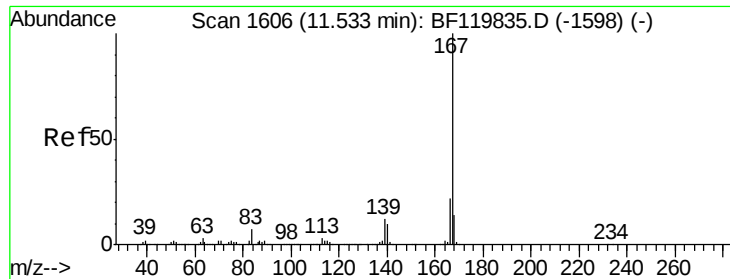
mohammad
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#72
Anthracene
Concen: 51.501 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.1	12.8	19.2





#73

Carbazole

Concen: 47.962 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

ClientSampleId :

WB-4-1MSD

Tot Ion:167 Resp: 1158617

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

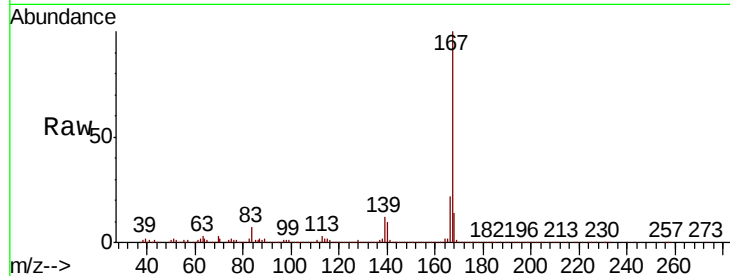
139 12.2 9.8 14.8

Manual Integrations

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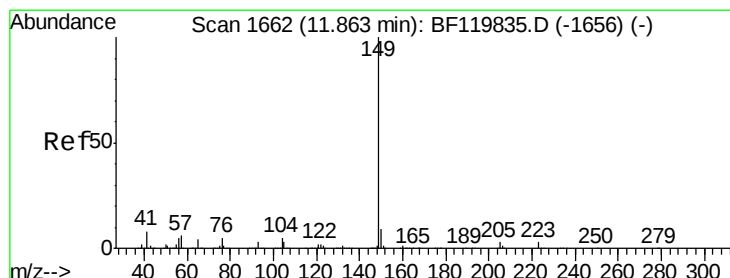
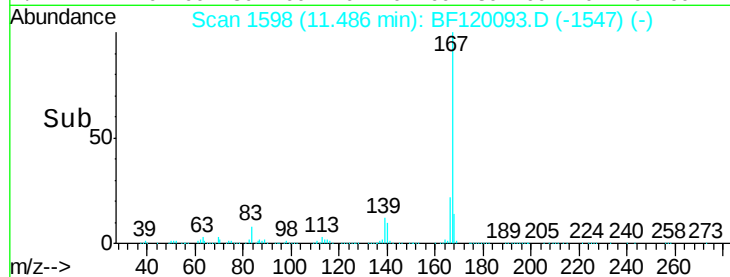
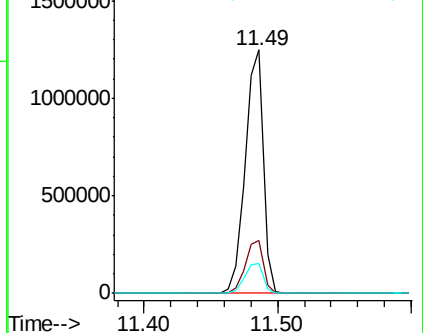
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.273 ng

RT: 11.82 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

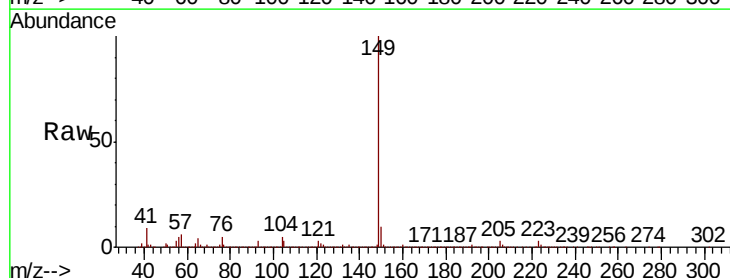
Tgt Ion:149 Resp: 1532991

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

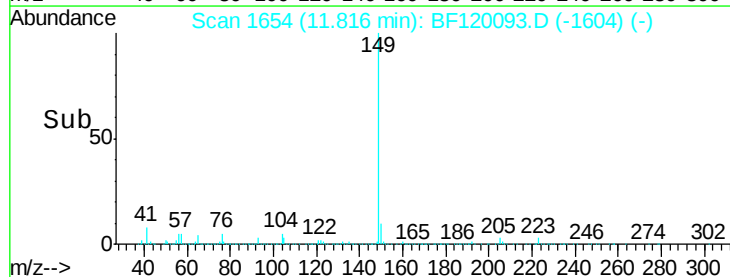
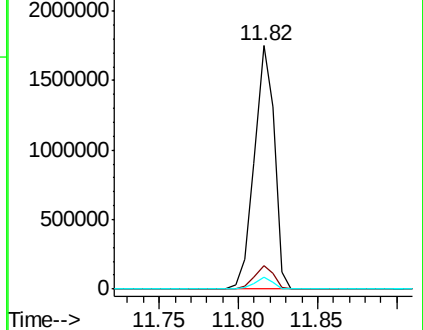
104 4.8 3.8 5.6

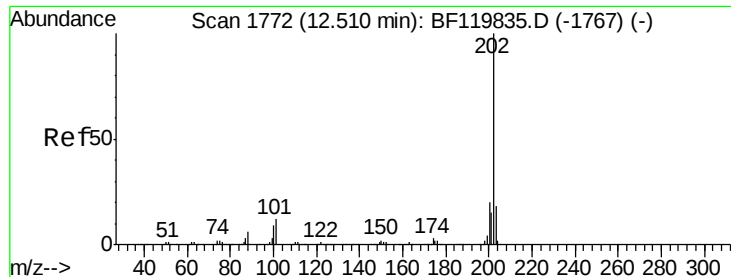


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 54.324 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

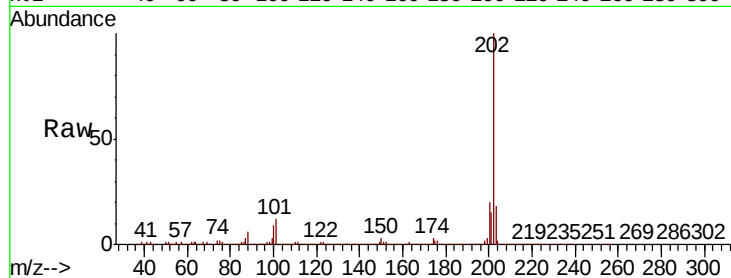
ClientSampleId :

WB-4-1MSD

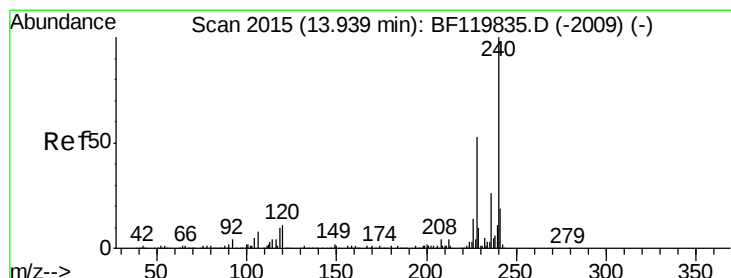
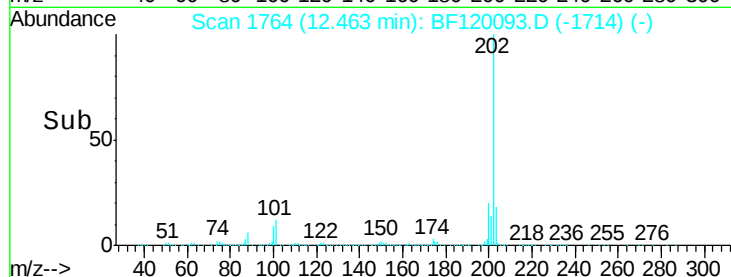
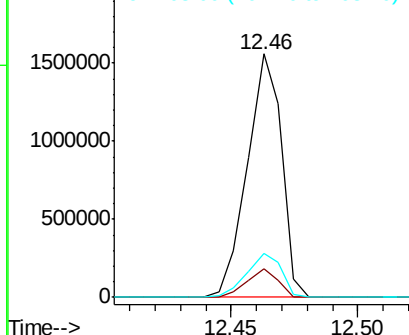
Tot Ion:	202	Resp:	1465687
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.3
203	17.9	0.0	37.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

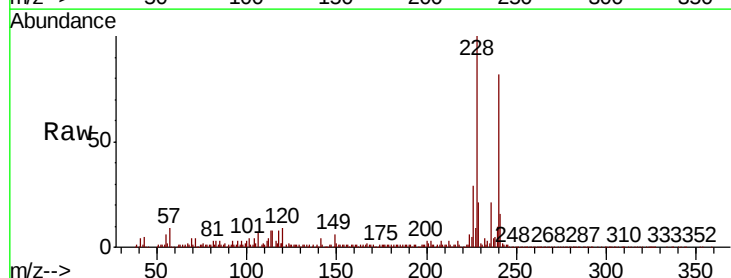
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

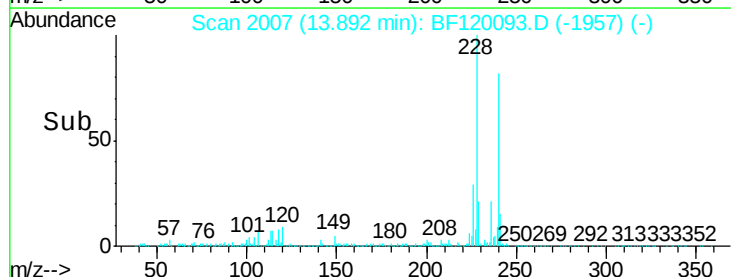
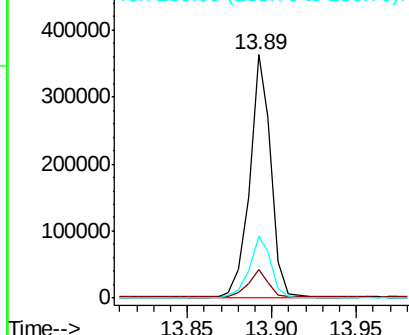
Lab File: BF120093.D

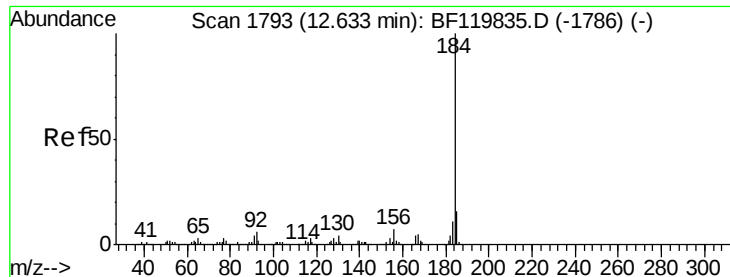
Acq: 20 Apr 2020 22:18

Tgt Ion:	240	Resp:	316082
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	25.7	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.292 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

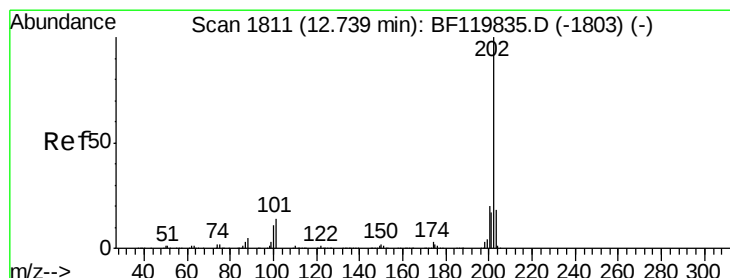
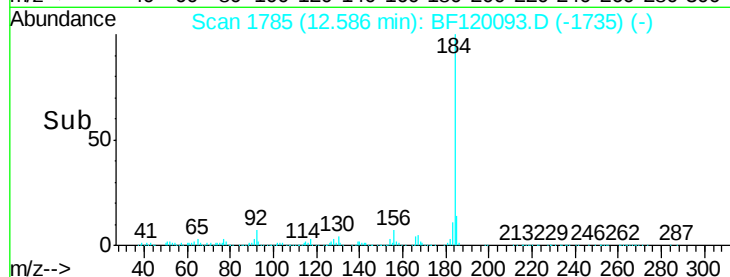
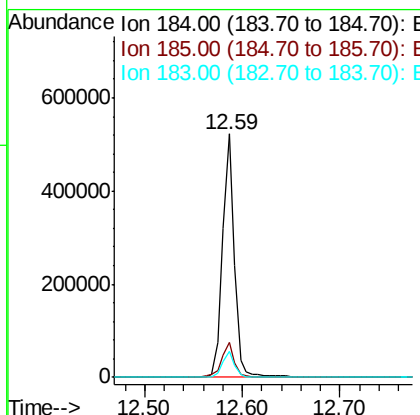
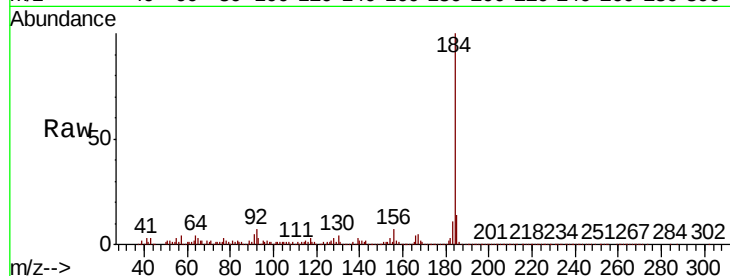
ClientSampleId :

WB-4-1MSD

Tot Ion:	184	Resp:	441188
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.2	19.8
183	10.9	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 55.742 ng

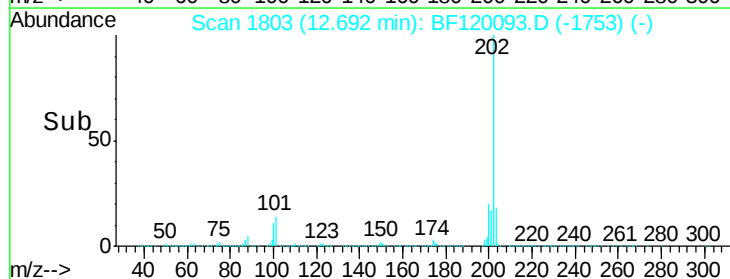
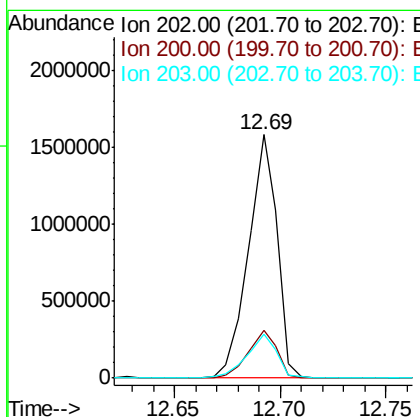
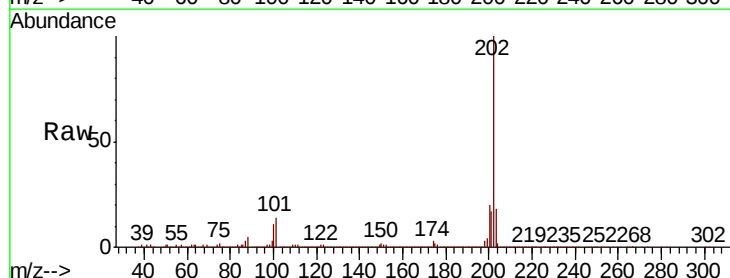
RT: 12.69 min Scan# 1803

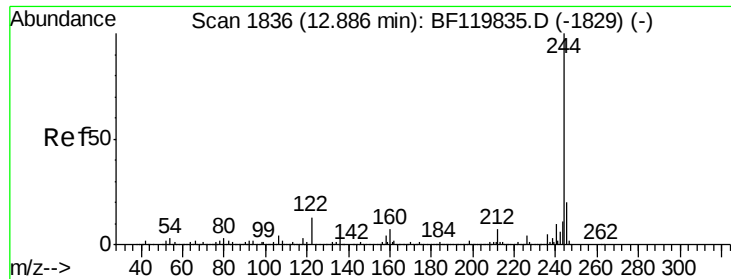
Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Tgt Ion:	202	Resp:	1485306
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.2	24.2
203	18.1	14.1	21.1





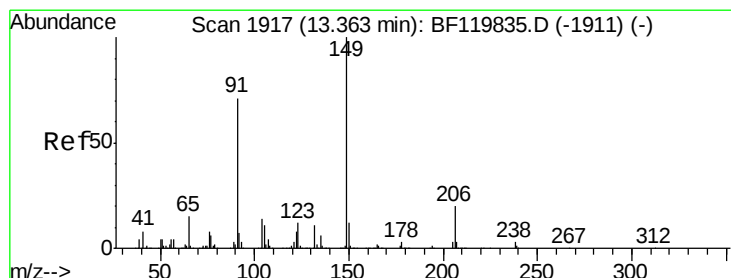
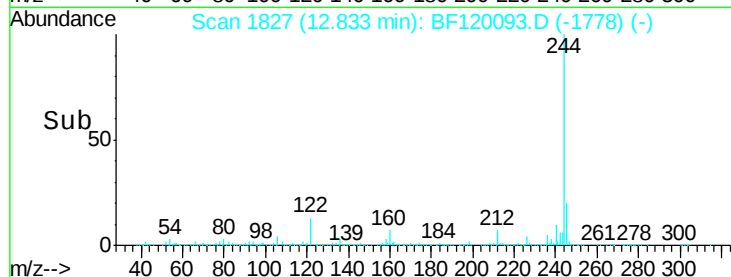
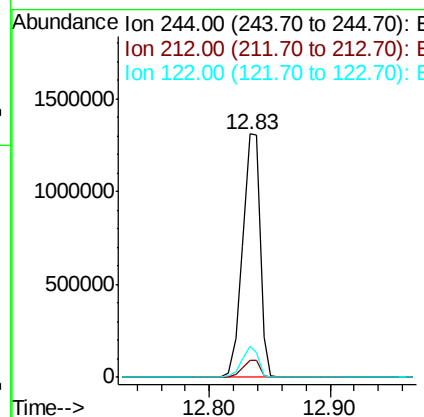
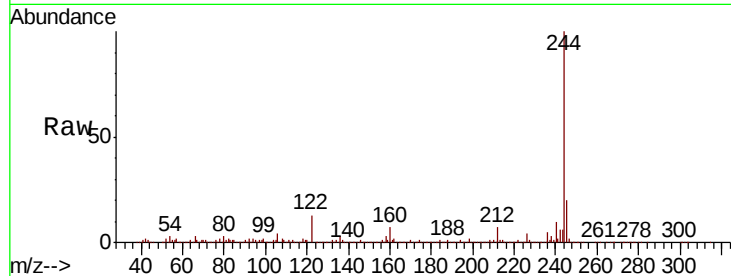
#79
Terphenyl-d14
Concen: 71.263 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion:244 Resp: 1338665
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.9 10.3 15.5

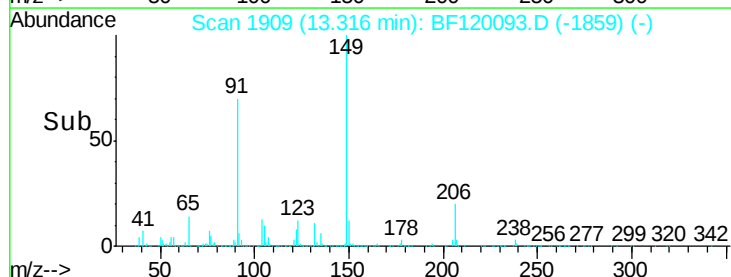
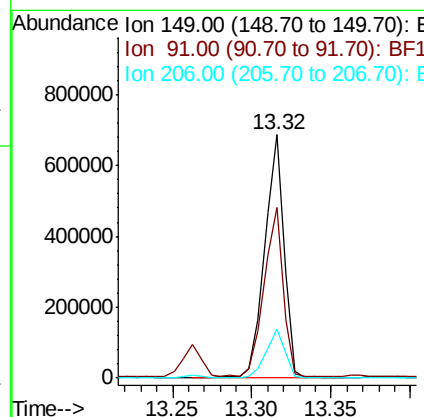
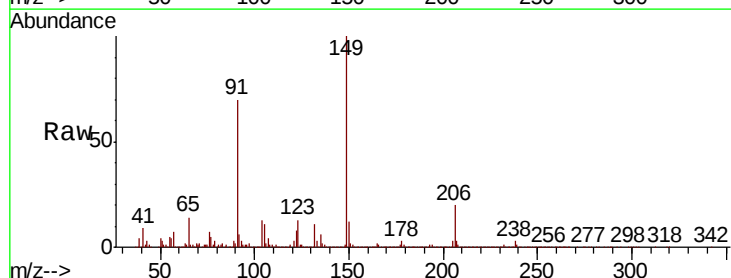
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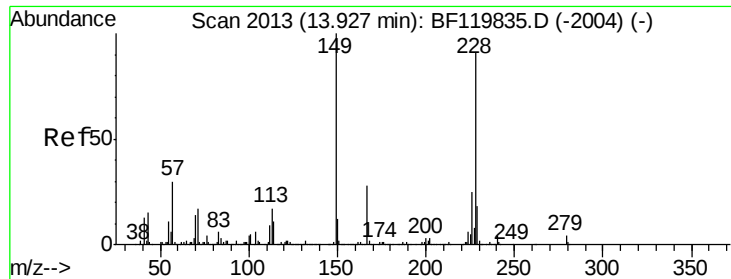
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#80
Butylbenzylphthalate
Concen: 44.948 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion:149 Resp: 581162
Ion Ratio Lower Upper
149 100
91 69.9 56.7 85.1
206 20.3 15.7 23.5





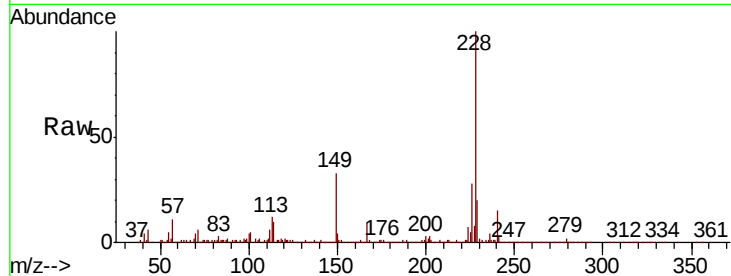
#81
Benzo(a)anthracene
Concen: 54.121 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

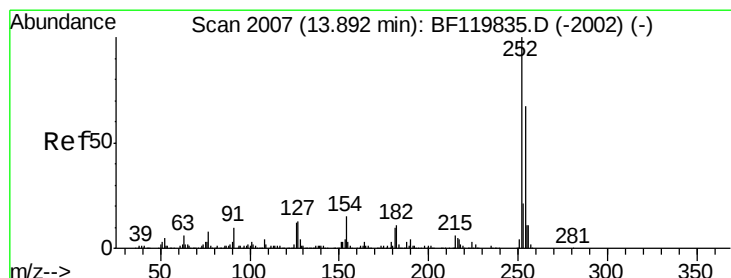
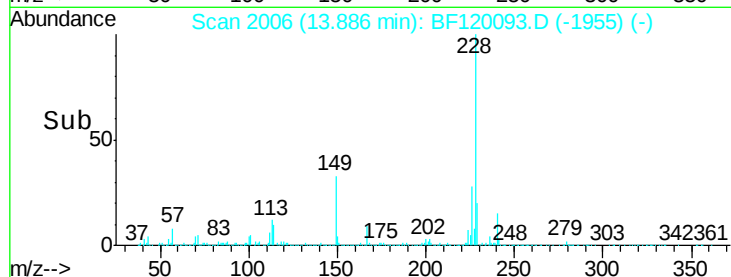
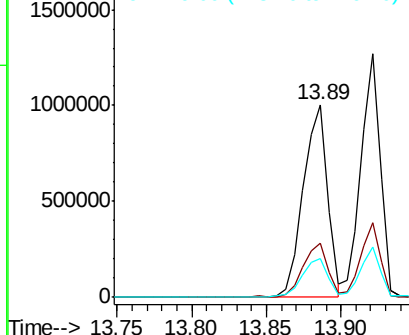
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.9	32.9
229	20.1	15.9	23.9

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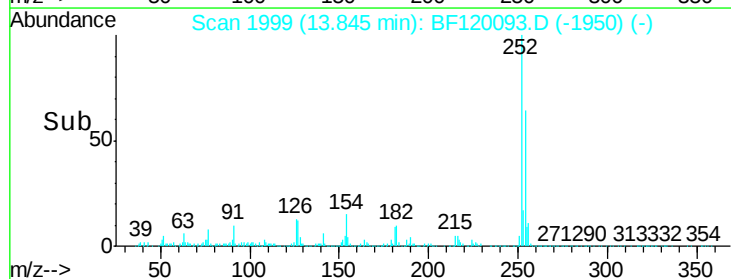
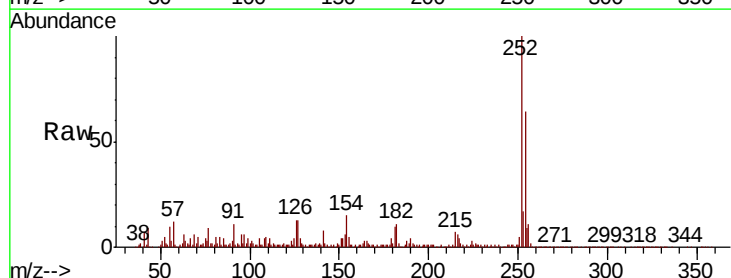
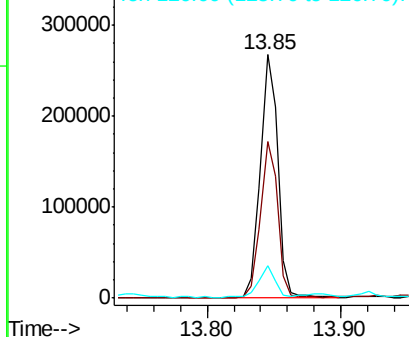
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

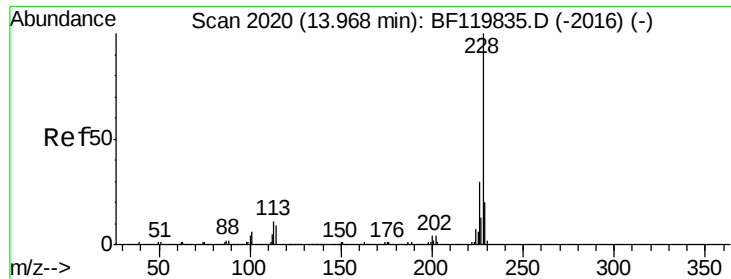


#82
3,3'-Dichlorobenzidine
Concen: 30.700 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	53.9	80.9
126	13.1	9.7	14.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





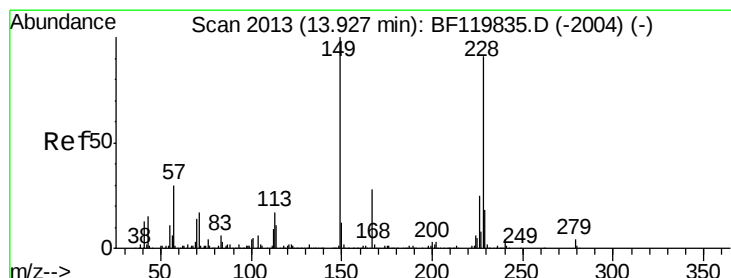
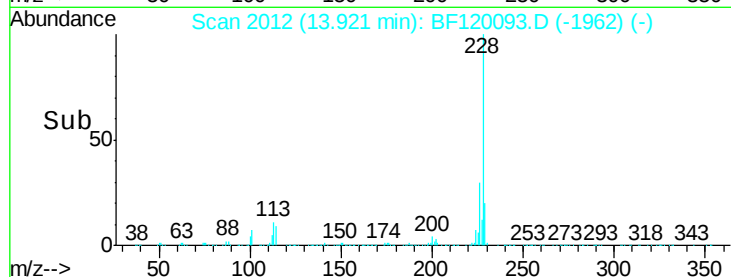
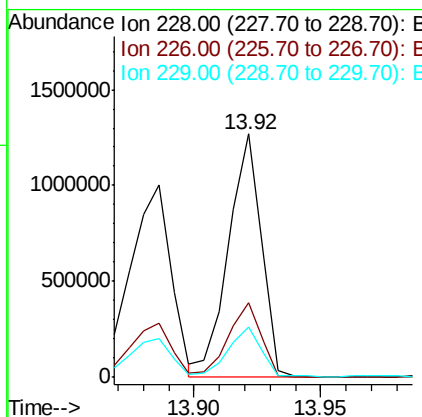
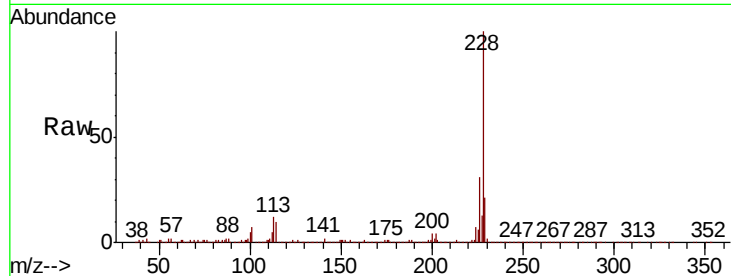
#83
 Chrvsene
 Concen: 53.738 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MSD

Tot Ion:228 Resp: 1135403
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 20.6 15.9 23.9

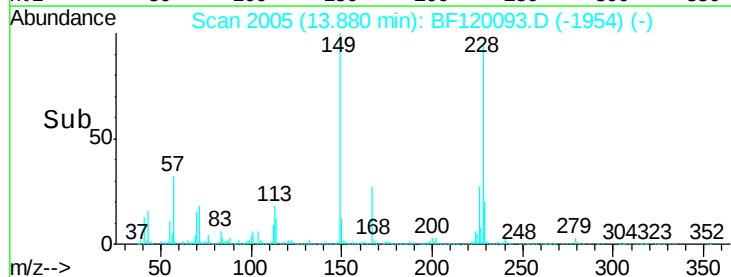
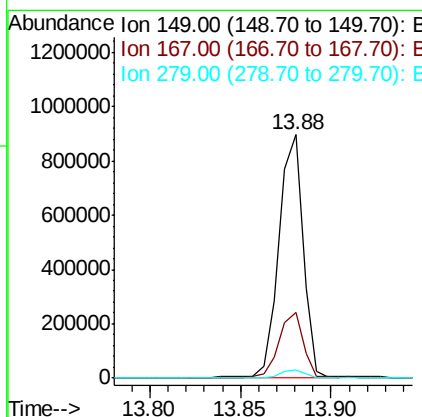
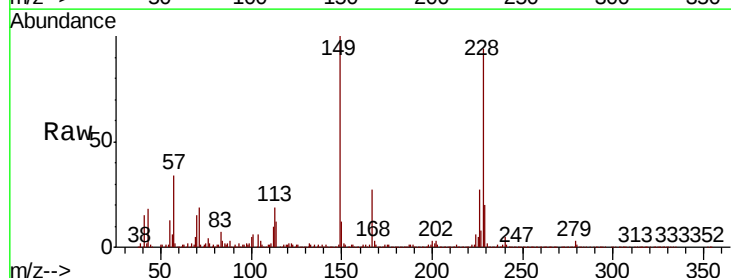
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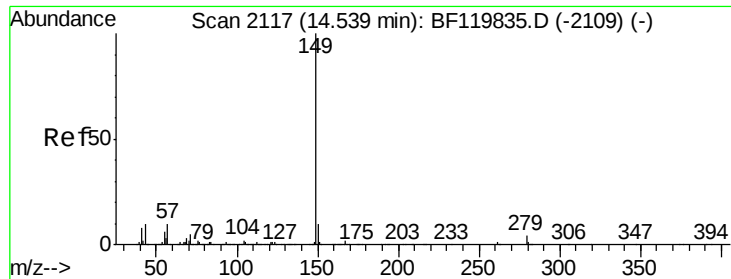
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.316 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF120093.D
 Acq: 20 Apr 2020 22:18

Tgt Ion:149 Resp: 828475
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.5 3.4 5.0





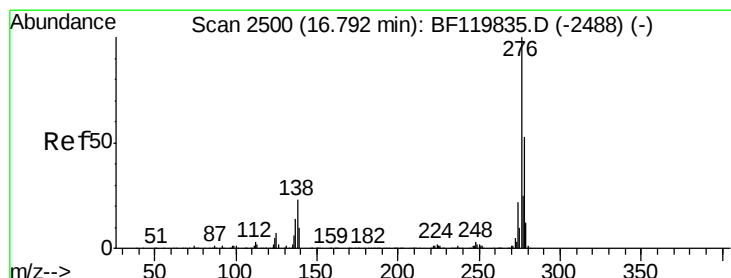
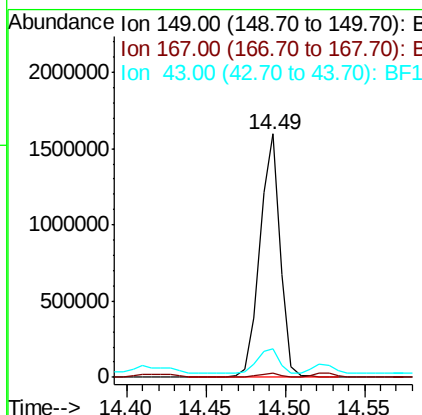
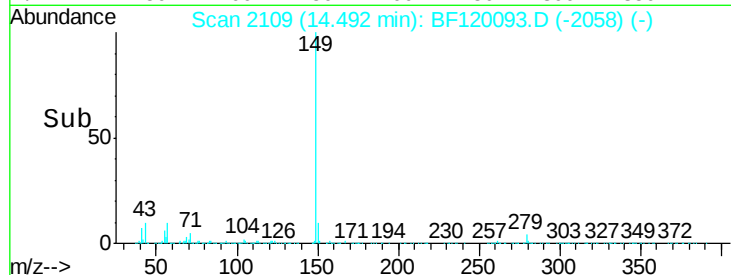
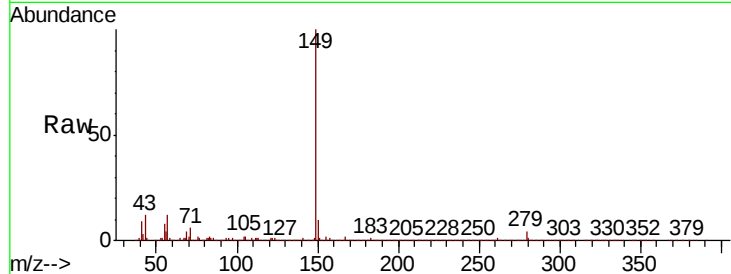
#85
Di-n-octyl phthalate
Concen: 47.393 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.2	13.8

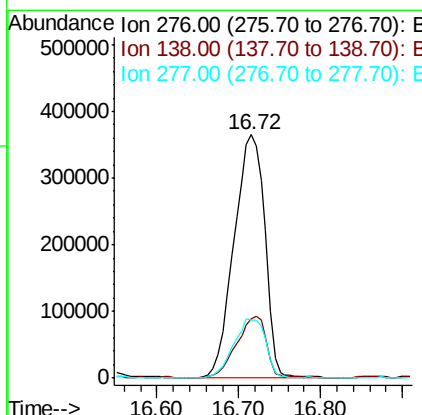
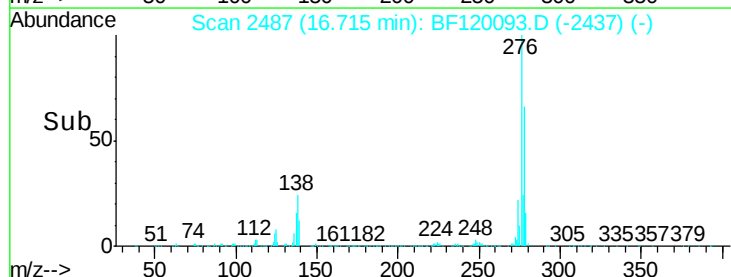
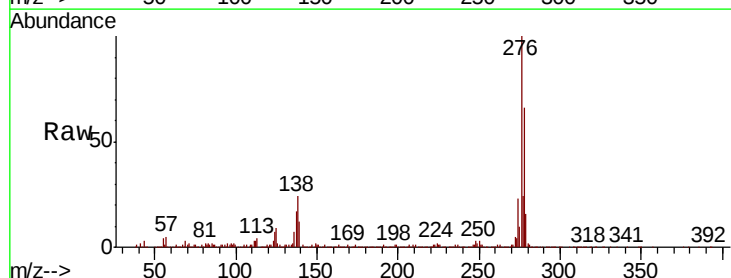
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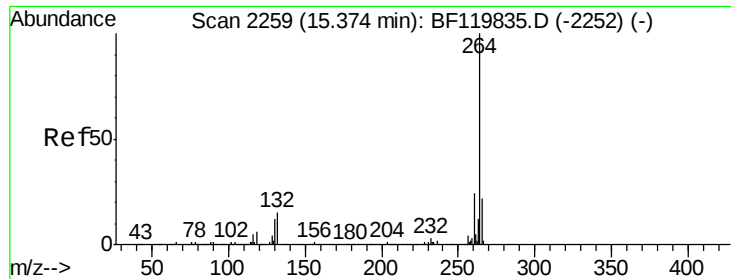
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.165 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.0	27.0
277	25.0	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF120093.D

Acq: 20 Apr 2020 22:18

Instrument :

BNA_F

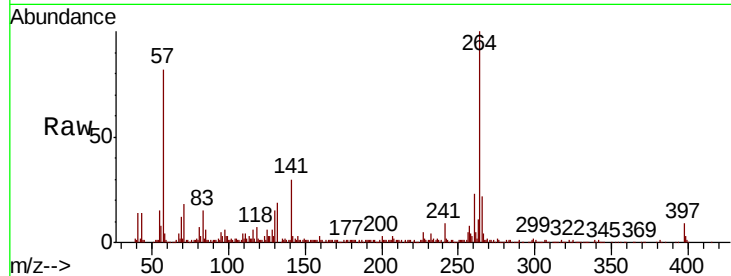
ClientSampleId :

WB-4-1MSD

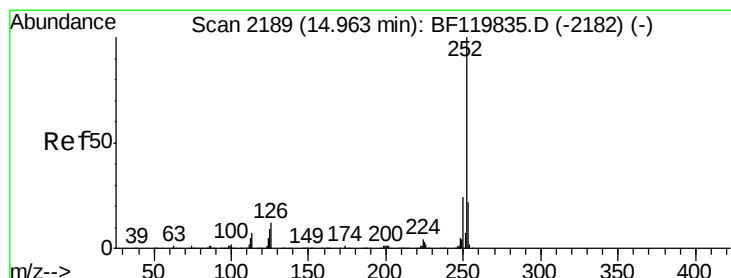
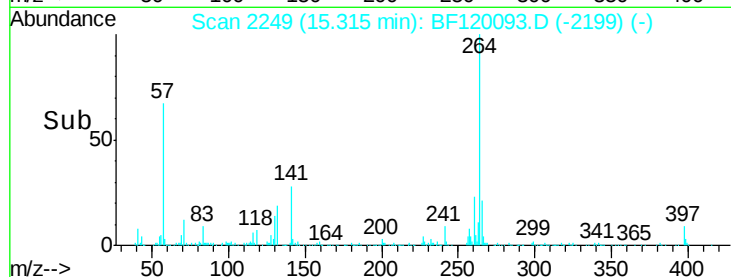
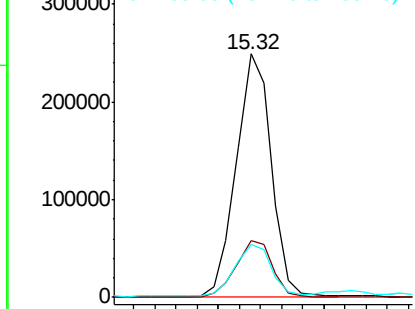
Tot Ion:	264	Resp:	285606
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.3	28.9
265	21.8	17.6	26.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.661 ng m

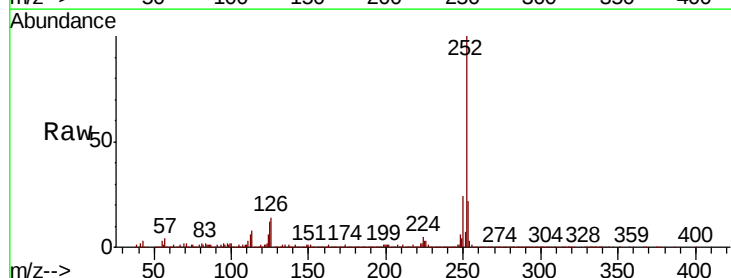
RT: 14.92 min Scan# 2181

Delta R.T. 0.00 min

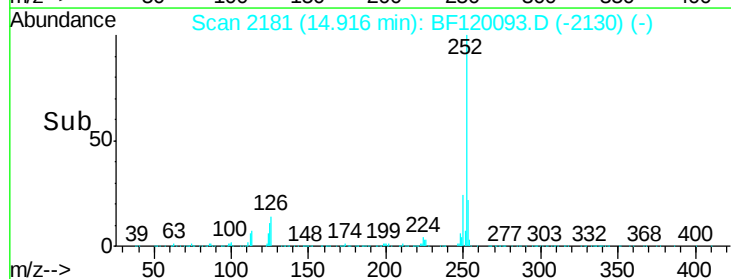
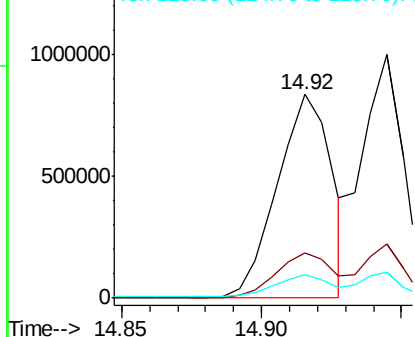
Lab File: BF120093.D

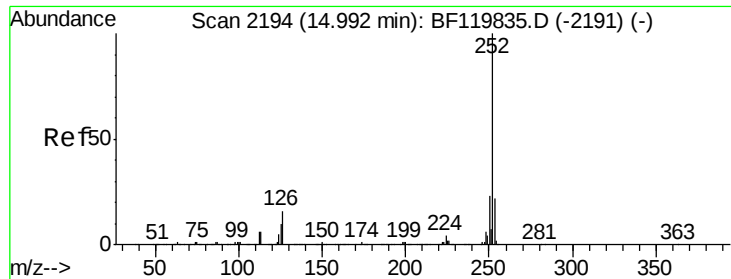
Acq: 20 Apr 2020 22:18

Tgt Ion:	252	Resp:	1123051
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	11.7	7.4	11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





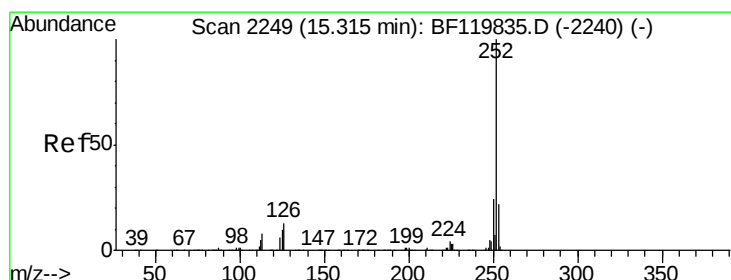
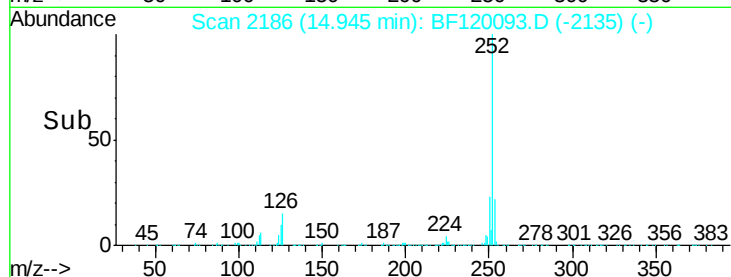
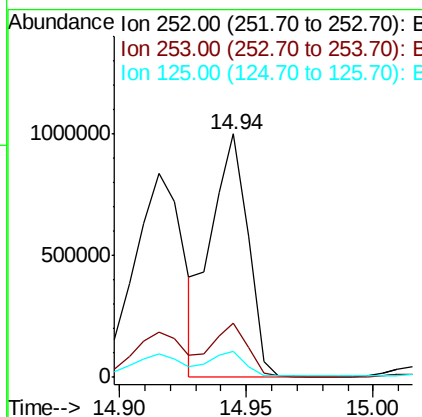
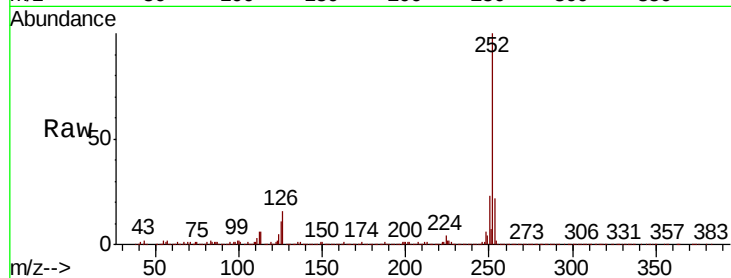
#89
Benzo(k)fluoranthene
Concen: 56.600 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.8	7.7	11.5

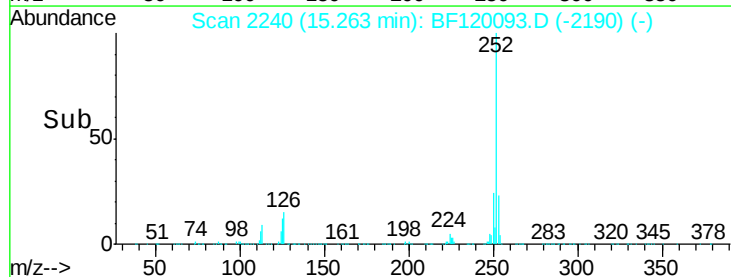
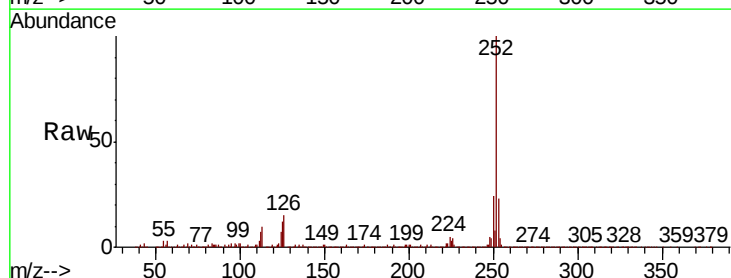
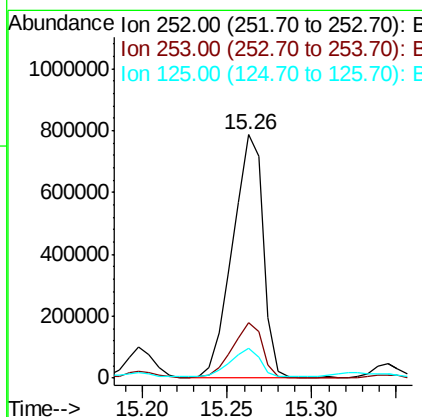
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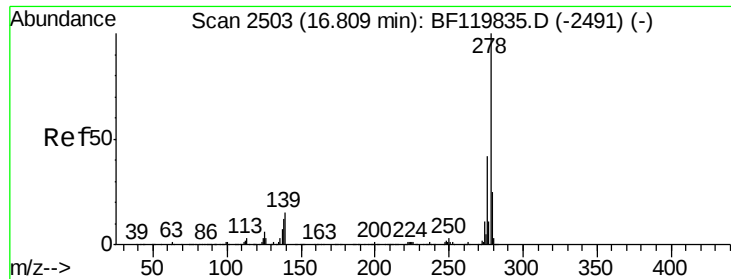
mohammad
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#90
Benzo(a)pyrene
Concen: 57.382 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	12.2	8.3	12.5





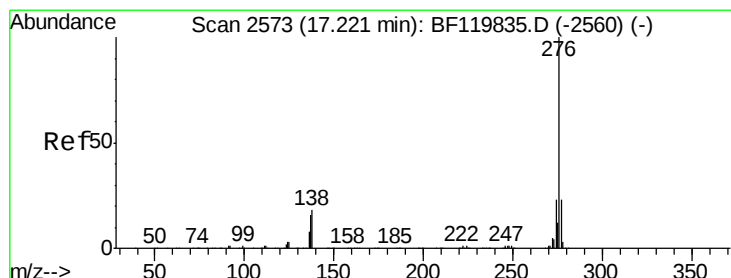
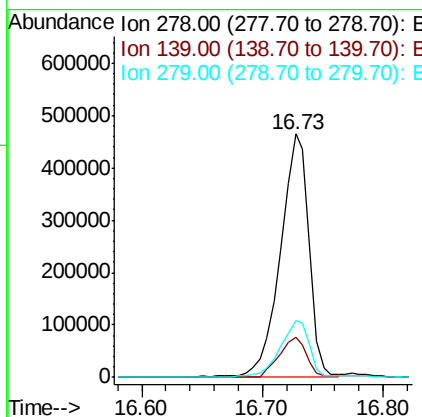
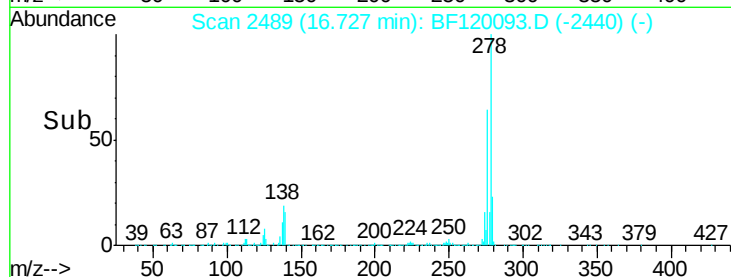
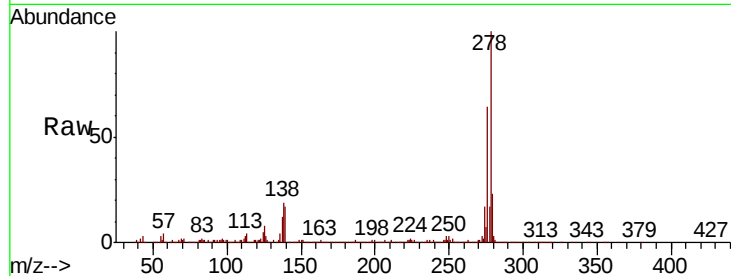
#91
Dibenzo(a,h)anthracene
Concen: 48.892 ng
RT: 16.73 min Scan# 2489
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Instrument :
BNA_F
ClientSampleId :
WB-4-1MSD

Tot Ion:	278	Resp:	748139
Ion Ratio	Lower	Upper	
278	100		
139	16.6	11.6	17.4
279	23.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/21/2020 2:55:14 PM



#92
Benzo(g,h,i)perylene
Concen: 51.171 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BF120093.D
Acq: 20 Apr 2020 22:18

Tgt Ion:	276	Resp:	772910
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.5	27.7
138	20.9	14.6	22.0

