

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120092.D
 Acq On : 20 Apr 2020 21:51
 Operator : MA/SJ
 Sample : L2314-17MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Manual Integrations
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mohammad
 4/21/2020 2:55:11 PM

Quant Time: Apr 21 06:15:03 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	146636	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	558895	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	267855	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	476547	20.00	ng	0.00
76) Chrysene-d12	13.89	240	330245	20.00	ng	0.00
87) Perylene-d12	15.32	264	294469	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	712336	83.95	ng	0.01
7) Phenol-d6	6.36	99	963444	88.12	ng	0.00
23) Nitrobenzene-d5	7.29	82	649548	60.12	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	250789	76.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1279790	67.84	ng	0.00
79) Terphenyl-d14	12.83	244	1255738	63.98	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	141682	37.490	ng	96
3) Pyridine	3.08	79	420661	40.570	ng	99
4) n-Nitrosodimethylamine	3.05	42	254540	48.047	ng	100
6) Aniline	6.38	93	353994	24.668	ng	# 1
8) 2-Chlorophenol	6.50	128	499823	52.721	ng	97
9) Benzaldehyde	6.26	77	210976	33.534	ng	96
10) Phenol	6.38	94	635931	51.269	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	484198	50.558	ng	99
12) 1,3-Dichlorobenzene	6.66	146	495784	47.767	ng	99
13) 1,4-Dichlorobenzene	6.73	146	500480	47.336	ng	99
14) 1,2-Dichlorobenzene	6.89	146	474658	48.713	ng	97
15) Benzyl Alcohol	6.87	79	413502	48.694	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	816346	43.804	ng	87
17) 2-Methylphenol	6.99	107	399860	47.262	ng	95
18) Hexachloroethane	7.23	117	185082	46.840	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	345830	49.189	ng	99
20) 3+4-Methylphenols	7.14	107	511263	49.409	ng	# 82
22) Acetophenone	7.13	105	700506	53.525	ng	# 94
24) Nitrobenzene	7.30	77	529148	48.690	ng	99
25) Isophorone	7.55	82	957589	45.981	ng	99
26) 2-Nitrophenol	7.62	139	271577	50.018	ng	98
27) 2,4-Dimethylphenol	7.67	122	427669	52.226	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	600564	49.007	ng	99
29) 2,4-Dichlorophenol	7.87	162	414563	49.390	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	440753	46.343	ng	98
31) Naphthalene	8.03	128	1514120	51.492	ng	100
32) Benzoic acid	7.82	122	355441	49.423	ng	94
33) 4-Chloroaniline	8.08	127	176967	13.824	ng	99
34) Hexachlorobutadiene	8.14	225	256506	45.055	ng	98
35) Caprolactam	8.46	113	136840m	53.295	ng	
36) 4-Chloro-3-methylphenol	8.57	107	455249	50.096	ng	98
37) 2-Methylnaphthalene	8.72	142	974653	48.890	ng	100
38) 1-Methylnaphthalene	8.82	142	913250	48.602	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	424806	50.213	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	163142	33.912	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	297262	50.883	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	318736	48.441	nq	100
46) 1,1'-Biphenyl	9.19	154	1138924	50.376	nq	99
47) 2-Chloronaphthalene	9.21	162	876219	50.310	nq	99
48) 2-Nitroaniline	9.31	65	314668	49.857	nq	98
49) Acenaphthylene	9.62	152	1371959	51.797	nq	99
50) Dimethylphthalate	9.49	163	1296767	62.591	nq	100
51) 2,6-Dinitrotoluene	9.56	165	234173	51.615	nq #	80
52) Acenaphthene	9.80	154	955746m	54.093	nq	
53) 3-Nitroaniline	9.72	138	133567	25.777	nq	97
54) 2,4-Dinitrophenol	9.83	184	218992	80.622	nq	93
55) Dibenzofuran	9.97	168	1224911	50.521	nq	99
56) 4-Nitrophenol	9.90	139	371604	96.386	nq	95
57) 2,4-Dinitrotoluene	9.96	165	290337	48.572	nq	94
58) Fluorene	10.31	166	968330	49.938	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	252094	50.094	nq	99
60) Diethylphthalate	10.19	149	1056707	49.211	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	458061	46.090	nq	97
62) 4-Nitroaniline	10.34	138	231232	46.826	nq	97
63) Azobenzene	10.46	77	959671	49.869	nq	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	147771	47.068	nq	77
66) n-Nitrosodiphenylamine	10.43	169	862175	54.401	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	275703	46.522	nq	96
68) Hexachlorobenzene	10.86	284	287199	47.771	nq	97
69) Atrazine	10.96	200	237755	53.918	nq	96
70) Pentachlorophenol	11.06	266	307696	88.811	nq	98
71) Phenanthrene	11.27	178	1418144	55.915	nq	99
72) Anthracene	11.33	178	1351830	52.176	nq	100
73) Carbazole	11.49	167	1209130	49.349	nq	99
74) Di-n-butylphthalate	11.82	149	1527221	47.415	nq	100
75) Fluoranthene	12.46	202	1551924	56.711	nq	99
77) Benzidine	12.59	184	451691	40.462	nq	96
78) Pyrene	12.69	202	1529163	54.926	nq	99
80) Butylbenzylphthalate	13.32	149	649397	48.071	nq	99
81) Benzo(a)anthracene	13.89	228	1202193	55.335	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	241058	29.737	nq	97
83) Chrysene	13.92	228	1200735	54.393	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	875828	47.875	nq #	98
85) Di-n-octyl phthalate	14.49	149	1474035	47.323	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	915231	47.034	nq	99
88) Benzo(b)fluoranthene	14.92	252	1175308	55.483	nq #	98
89) Benzo(k)fluoranthene	14.94	252	1057082	57.835	nq	98
90) Benzo(a)pyrene	15.26	252	1046389	58.750	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	716164	45.393	nq	99
92) Benzo(g,h,i)perylene	17.14	276	780643	50.127	nq	98

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



#1

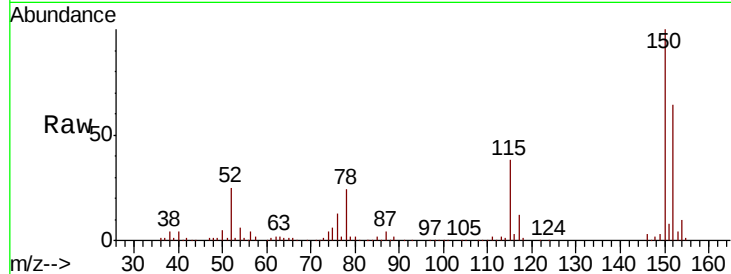
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.8	187.2
115	59.0	46.5	69.7

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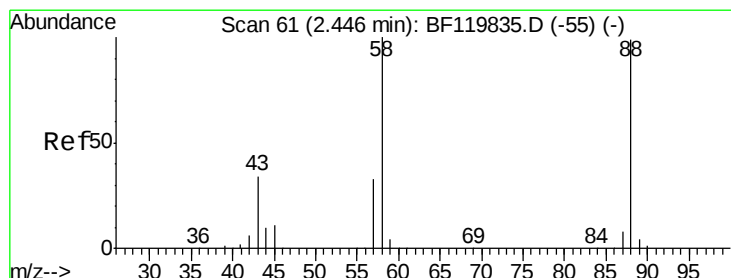
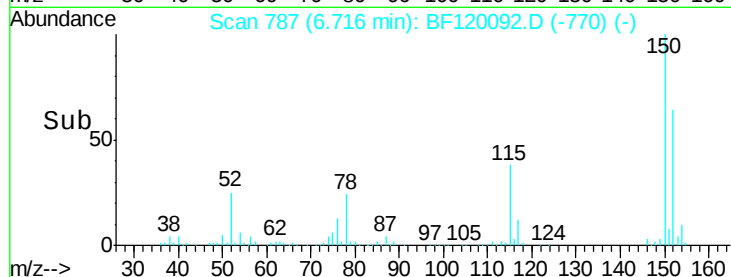
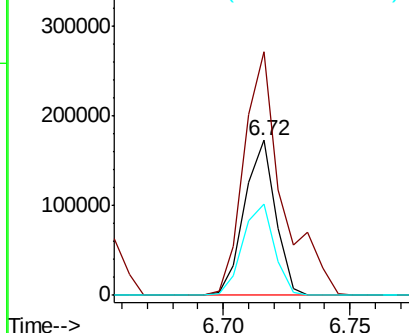


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

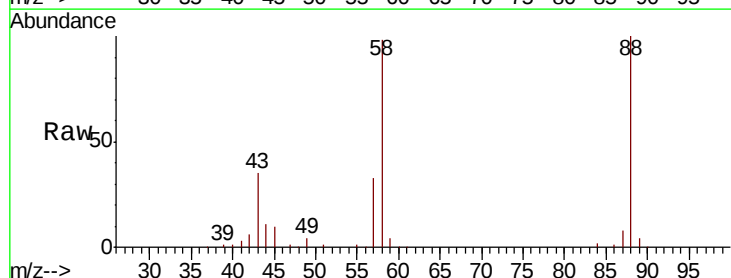
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.490 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.05 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	82.6	123.8
43	36.1	28.6	42.8

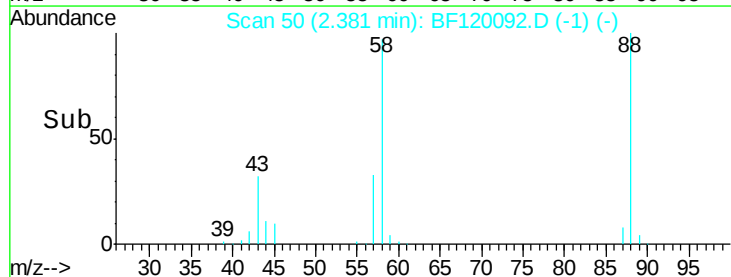
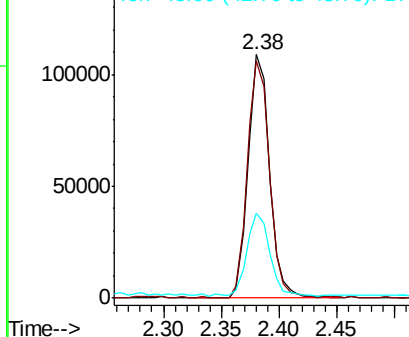


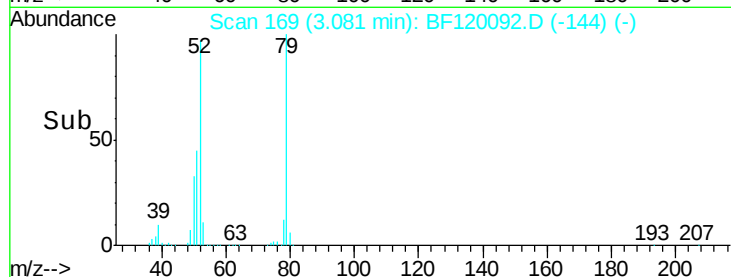
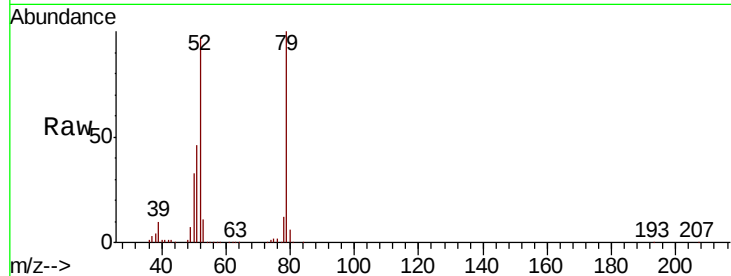
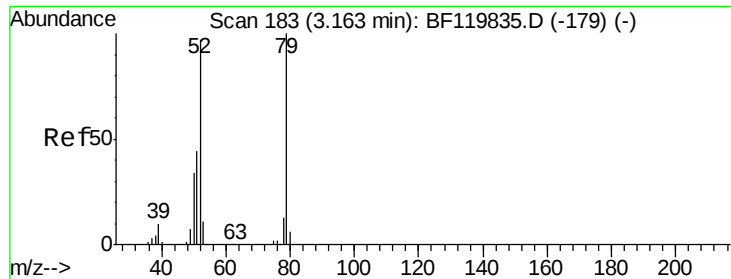
Abundance

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





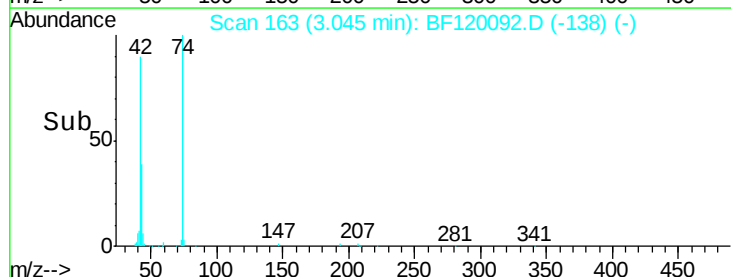
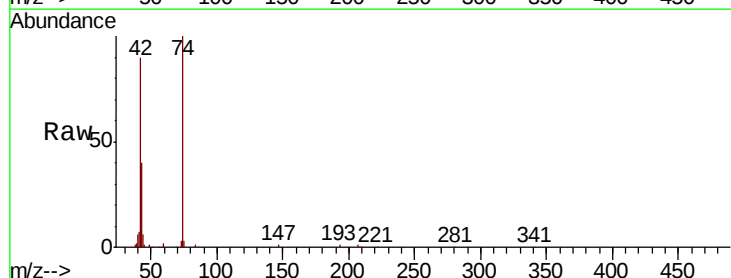
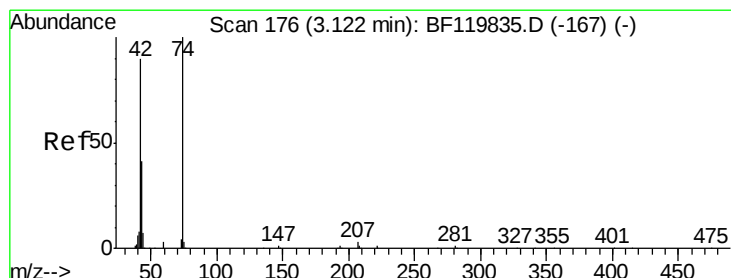
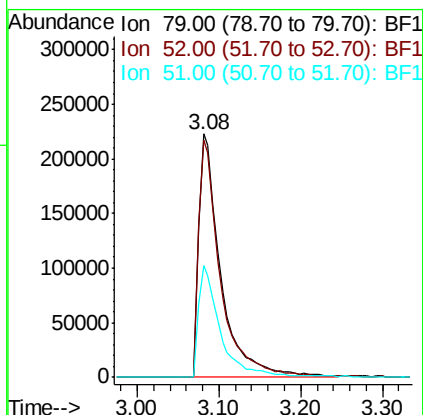
#3
Pvridine
Concen: 40.570 ng
RT: 3.08 min Scan# 169
Delta R.T. 0.05 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	97.4	77.4	116.0
51	51	45.7	35.3	52.9

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

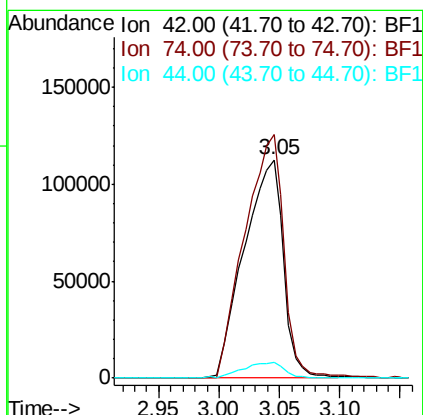
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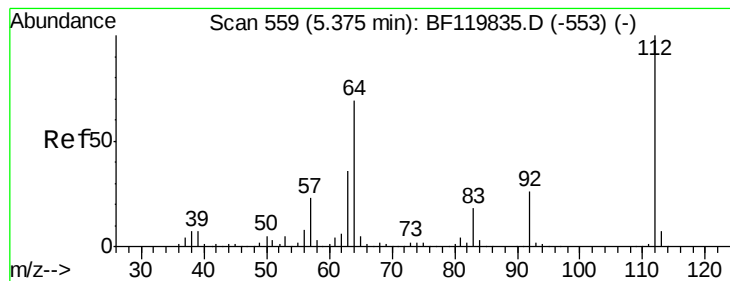
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#4
n-Nitrosodimethylamine
Concen: 48.047 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.05 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	111.5	89.0	133.4
44	44	7.0	6.2	9.4





#5

2-Fluorophenol

Concen: 83.953 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

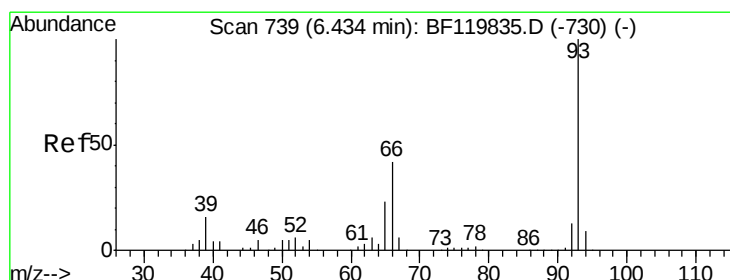
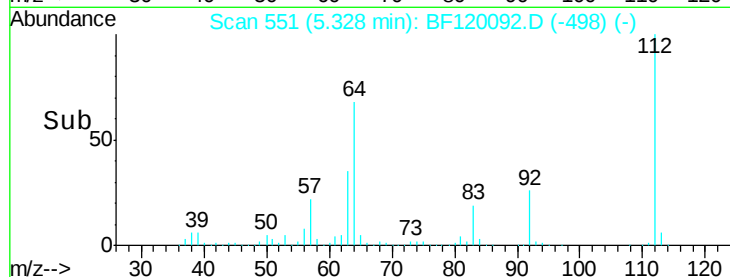
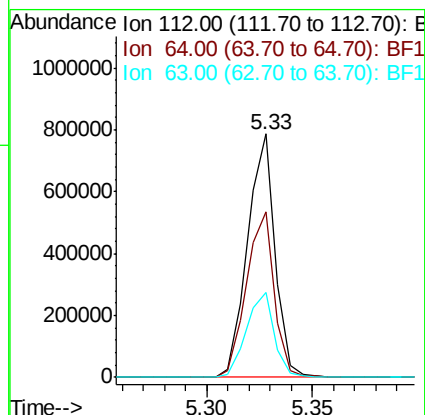
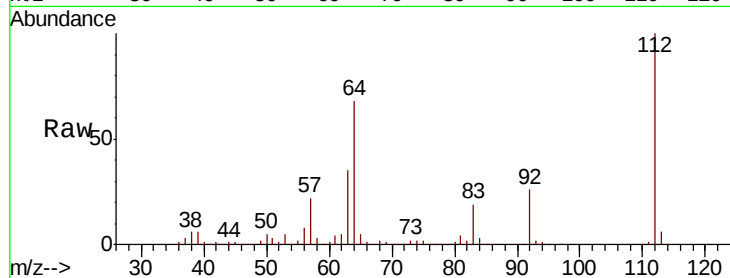
ClientSampled :

WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		712336		
64	68.0		55.5	83.3	
63	34.6		29.1	43.7	

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#6

Aniline

Concen: 24.668 ng

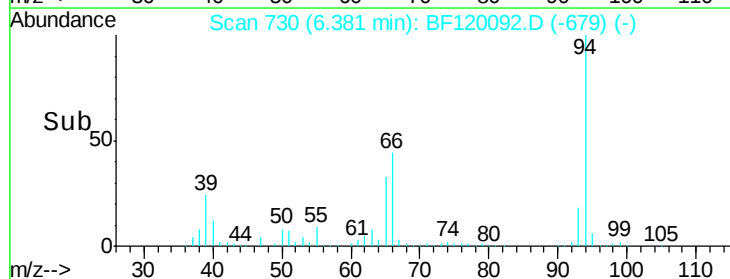
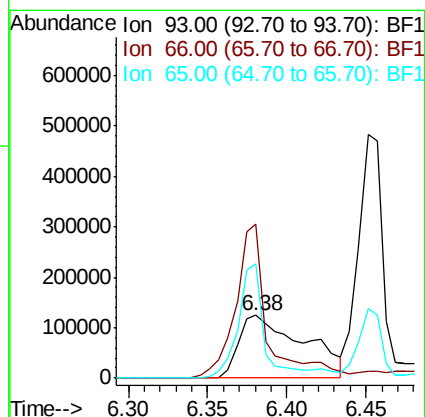
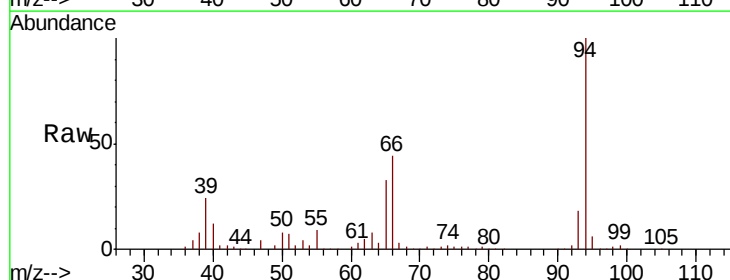
RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		353994		
66	244.8		34.2	51.2#	
65	182.2		18.3	27.5#	





#7

Phenol-d6

Concen: 88.120 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

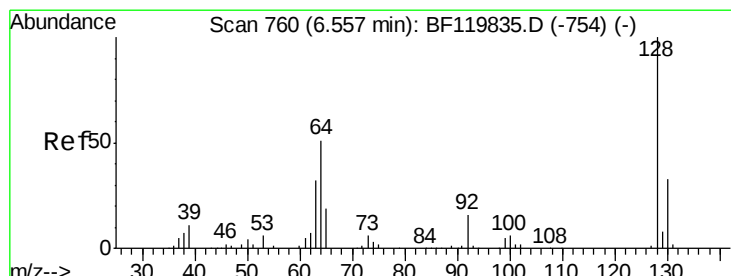
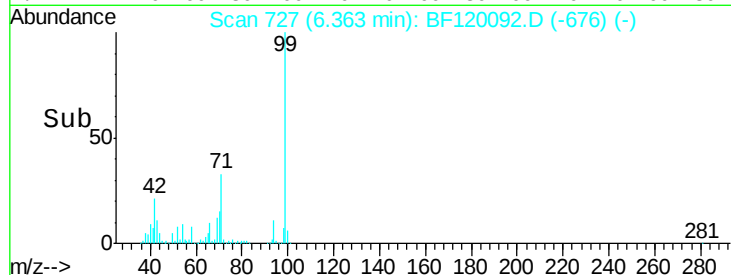
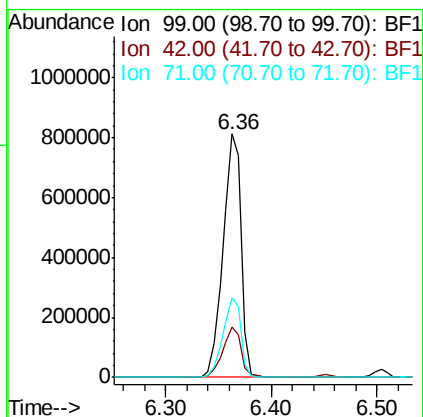
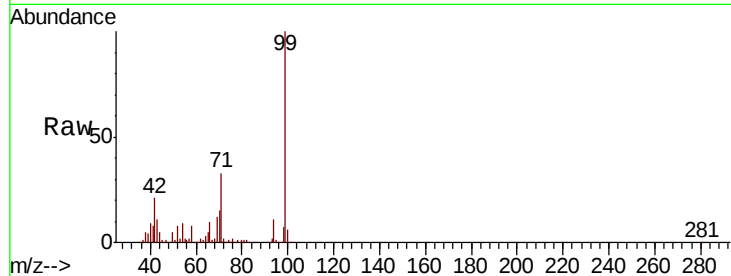
ClientSampled :

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Tot Ion:	99	Resp:	963444
Ion Ratio	Lower	Upper	
99	100		
42	20.7	16.9	25.3
71	32.8	26.3	39.5

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#8

2-Chlorophenol

Concen: 52.721 ng

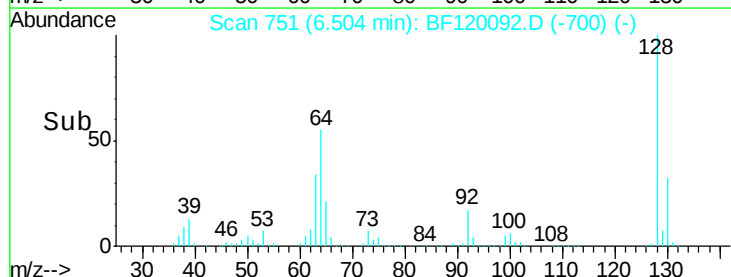
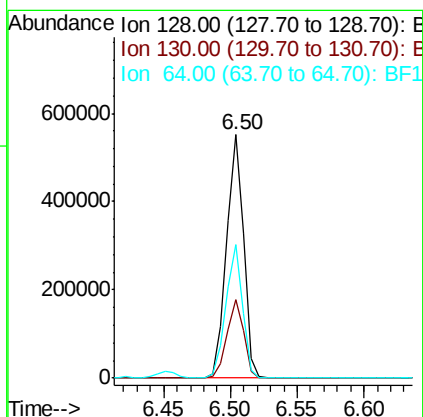
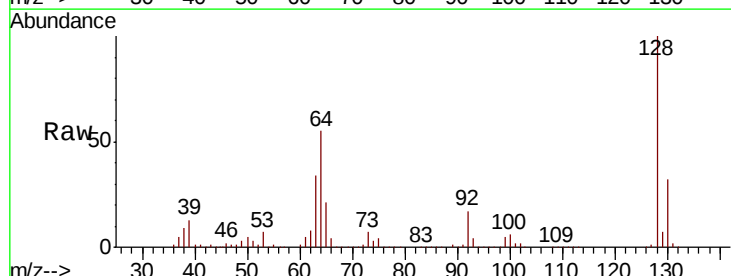
RT: 6.50 min Scan# 751

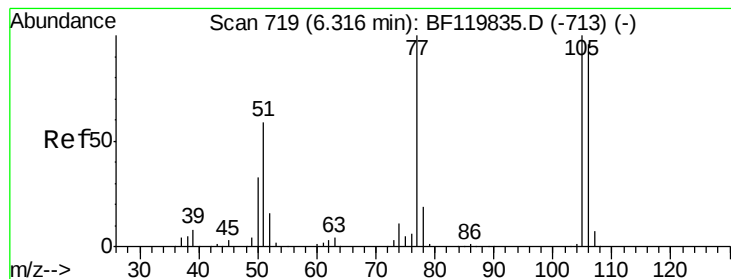
Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	128	Resp:	499823
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	54.8	32.0	72.0





#9

Benzaldehyde

Concen: 33.534 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

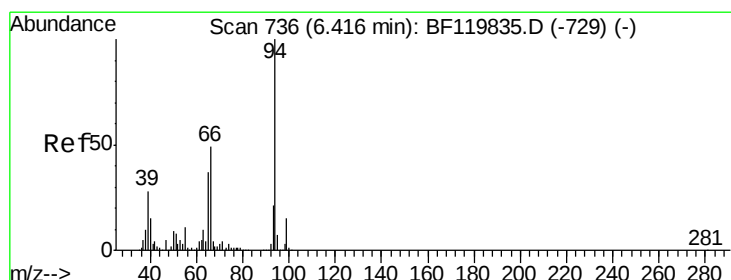
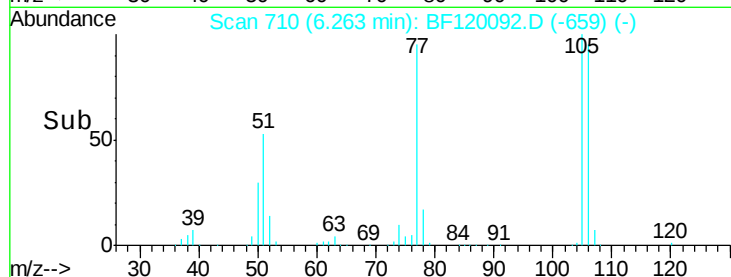
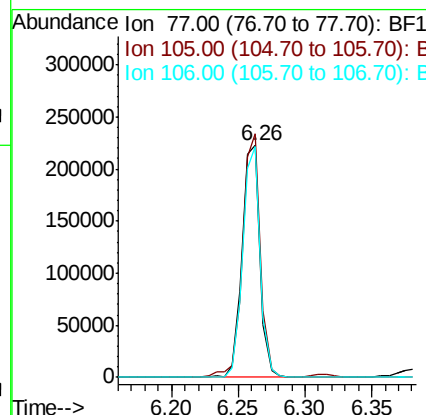
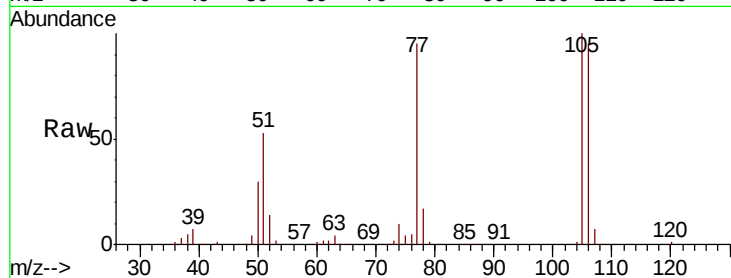
ClientSampleId :

WB-4-1MS

Tot Ion:	77	Resp:	210976
Ion	Ratio	Lower	Upper
77	100		
105	105.0	79.9	119.9
106	99.7	76.4	116.4

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#10

Phenol

Concen: 51.269 ng

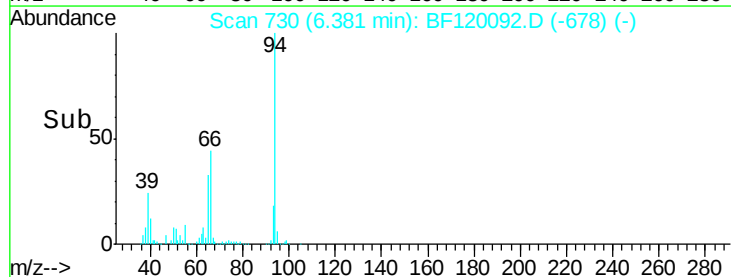
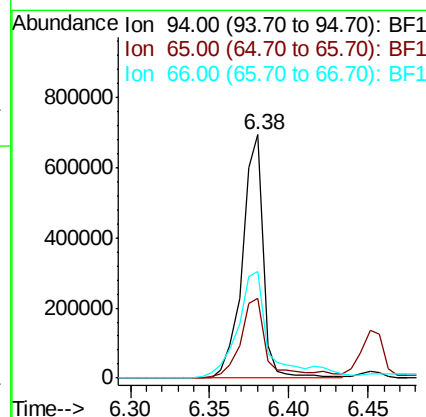
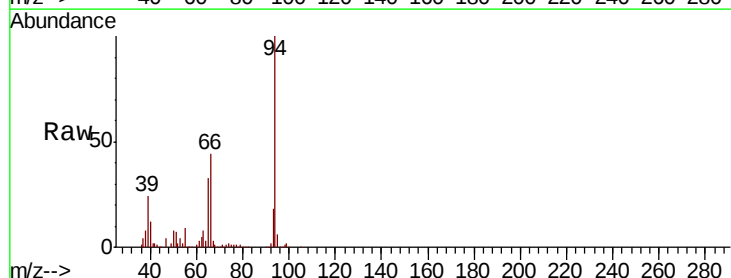
RT: 6.38 min Scan# 730

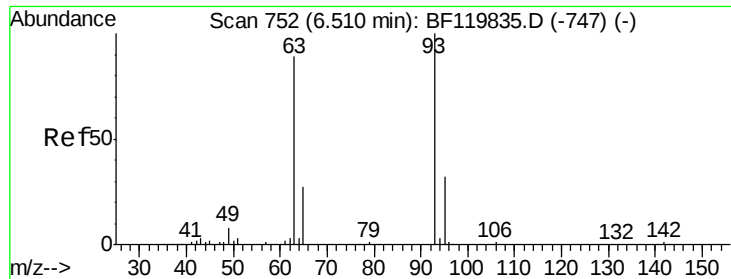
Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	94	Resp:	635931
Ion	Ratio	Lower	Upper
94	100		
65	32.7	16.6	56.6
66	43.9	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 50.558 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

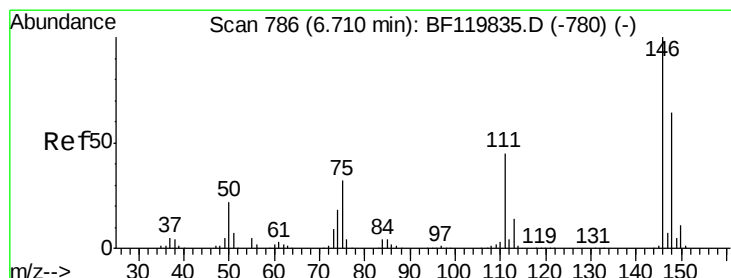
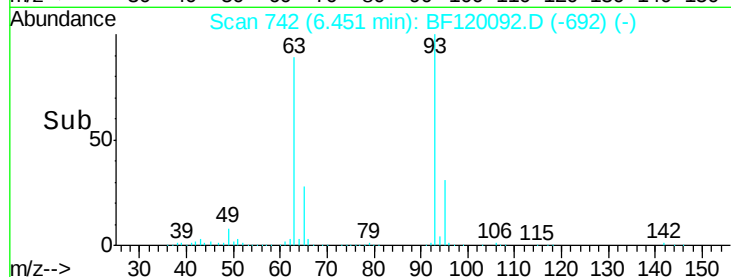
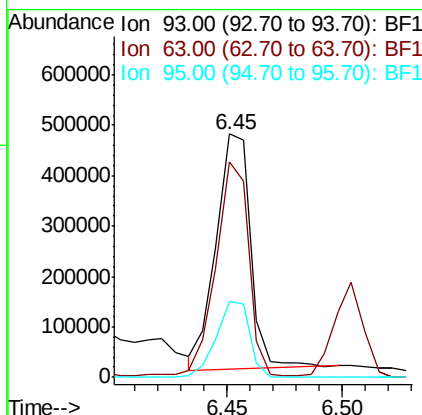
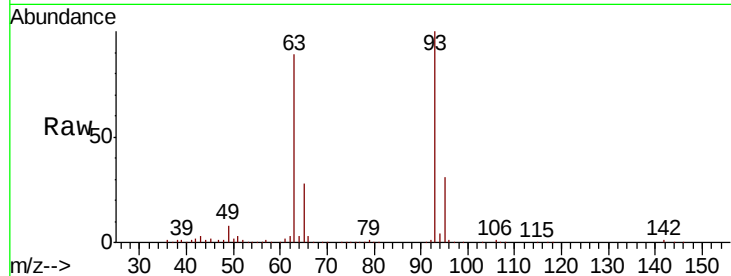
ClientSampleId :

WB-4-1MS

Tot Ion:	93	Resp:	484198
Ion	Ratio	Lower	Upper
93	100		
63	88.7	69.1	109.1
95	31.2	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 47.767 ng

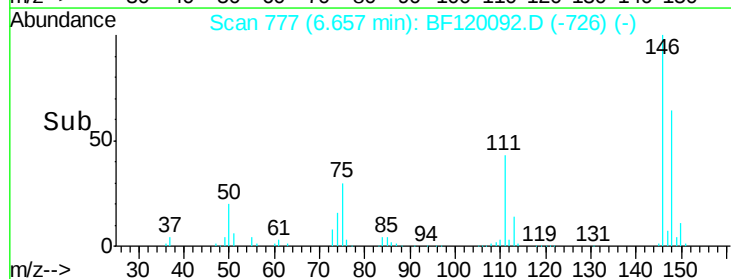
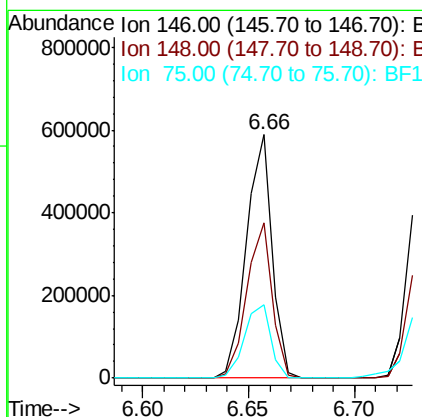
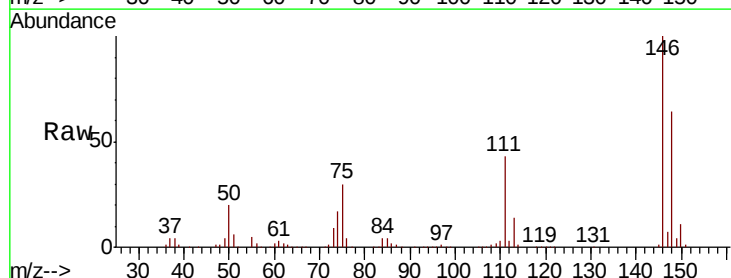
RT: 6.66 min Scan# 777

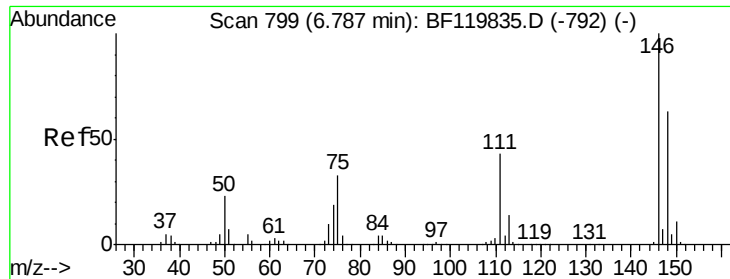
Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	146	Resp:	495784
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	30.1	25.3	37.9





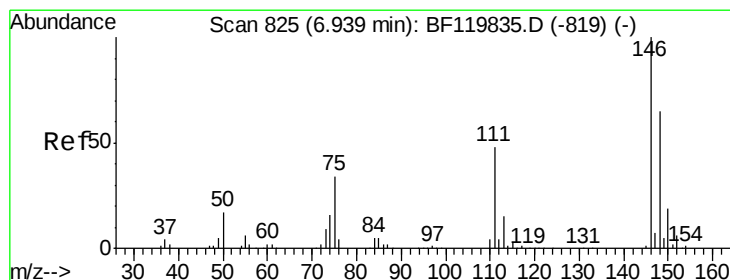
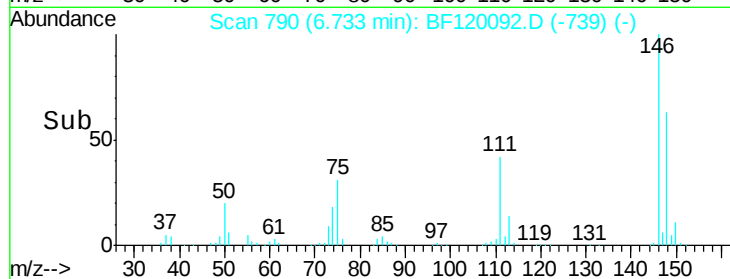
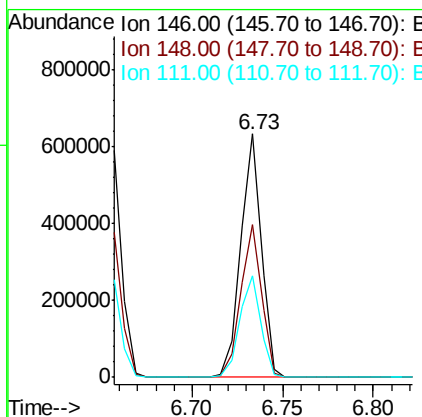
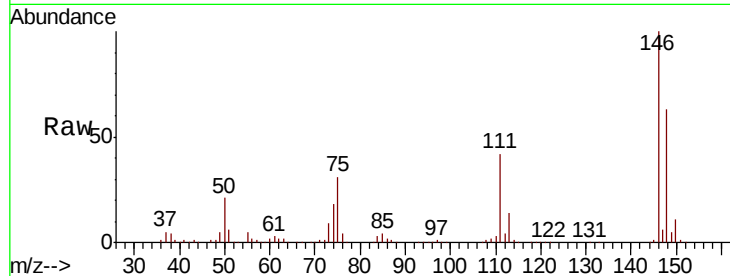
#13
 1,4-Dichlorobenzene
 Concen: 47.336 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		500480		
148	63.0		50.5	75.7	
111	41.9		34.7	52.1	

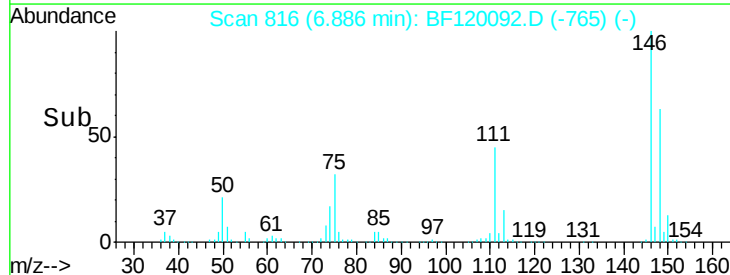
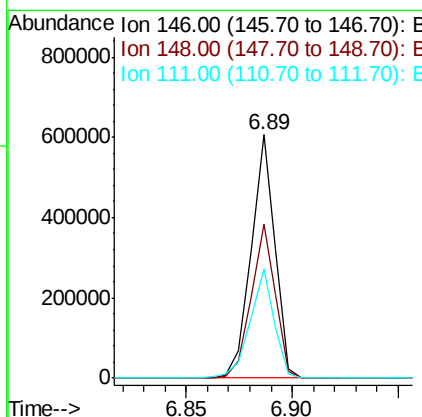
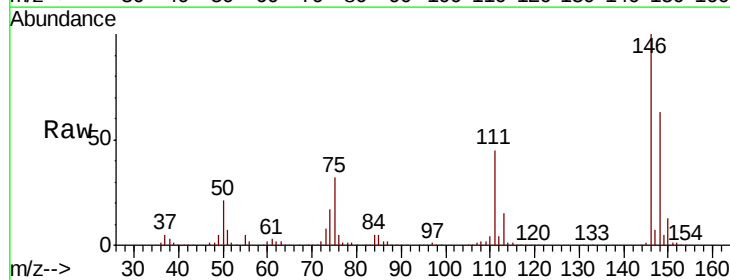
Manual Integrations
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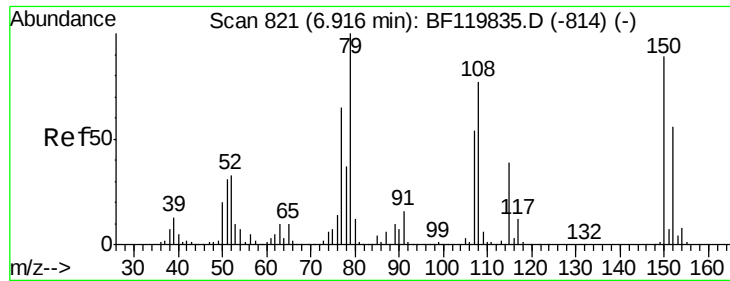
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.713 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		474658		
148	63.4		51.8	77.8	
111	45.0		38.0	57.0	





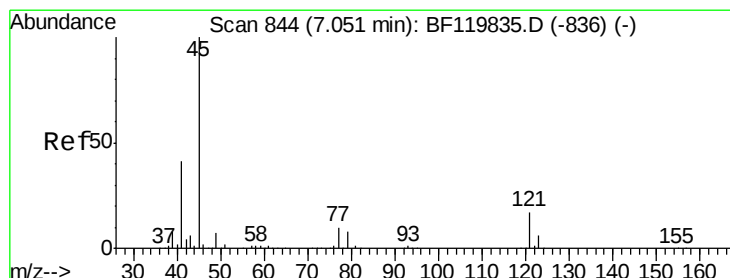
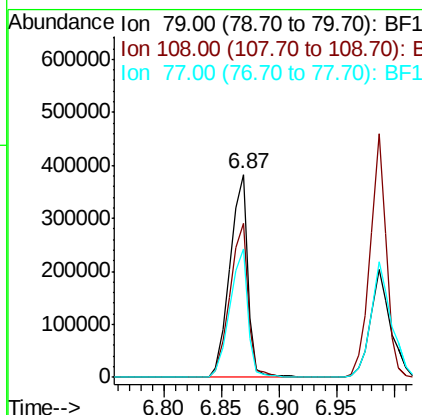
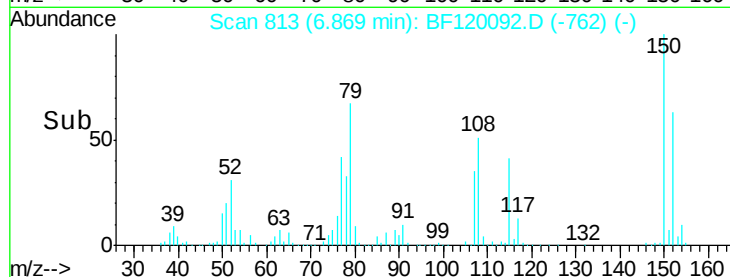
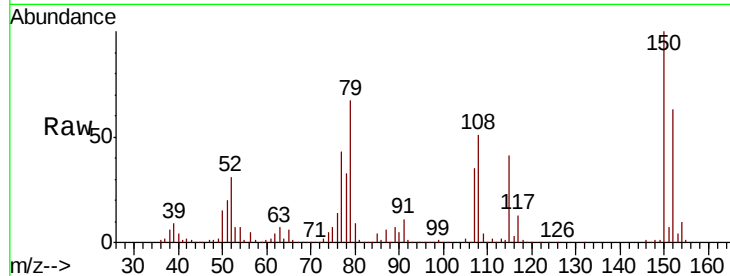
#15
Benzyl Alcohol
Concen: 48.694 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.0	93.0
77	63.4	51.8	77.6

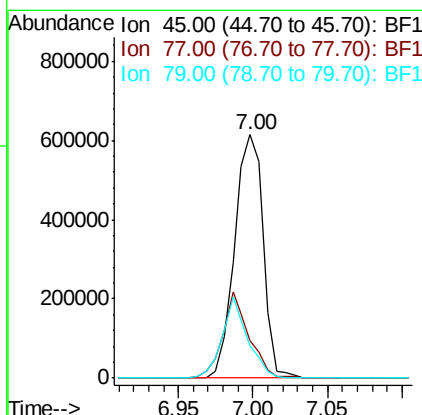
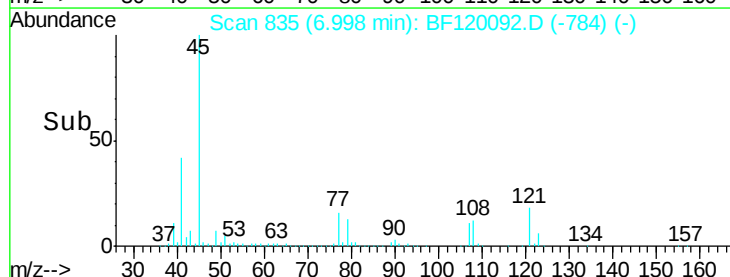
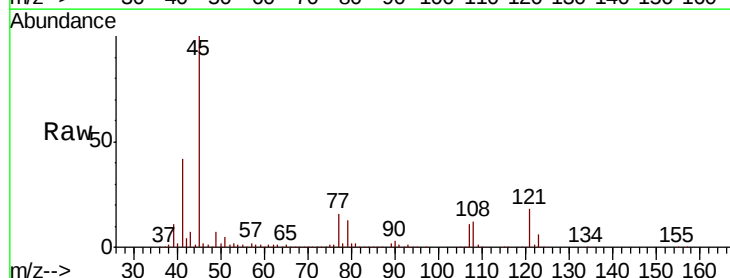
Manual Integrations
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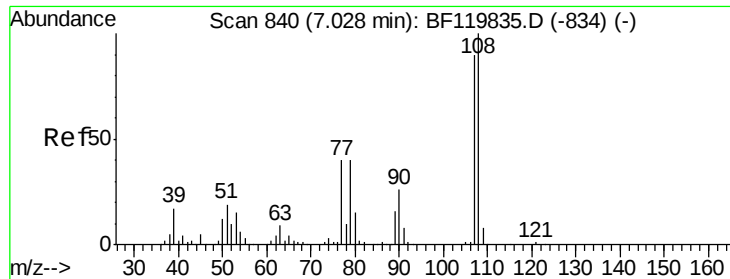
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.804 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	30.7
79	13.1	0.0	28.6





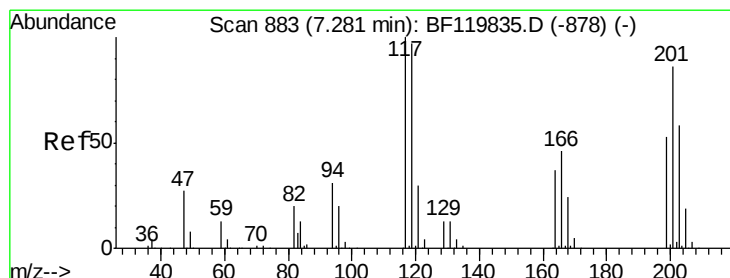
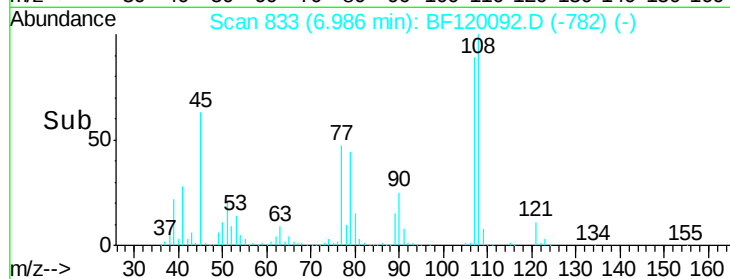
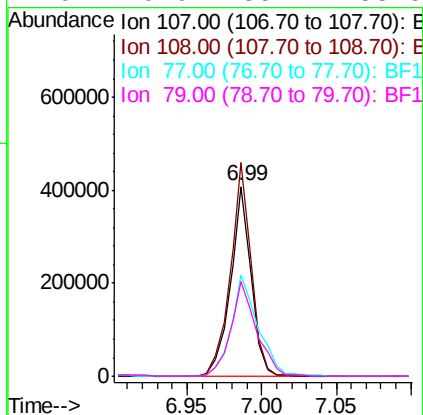
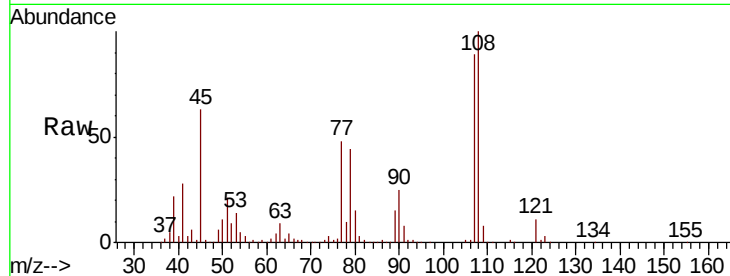
#17
2-Methylphenol
Concen: 47.262 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	88.8	133.2	
77	53.5	36.0	54.0	
79	49.9	35.7	53.5	

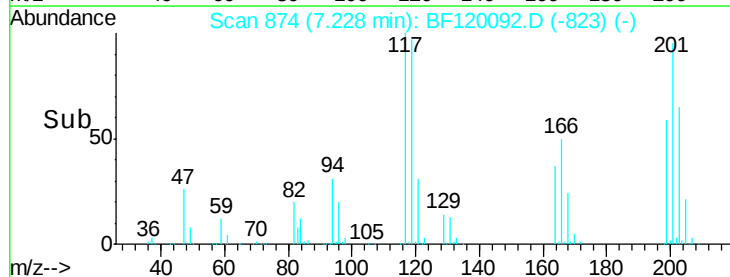
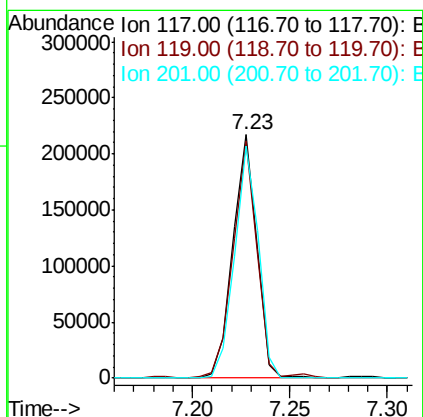
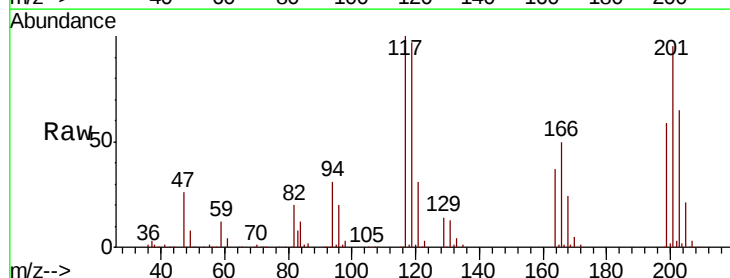
Manual Integrations
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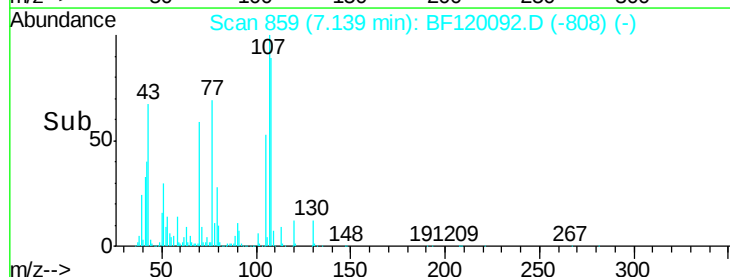
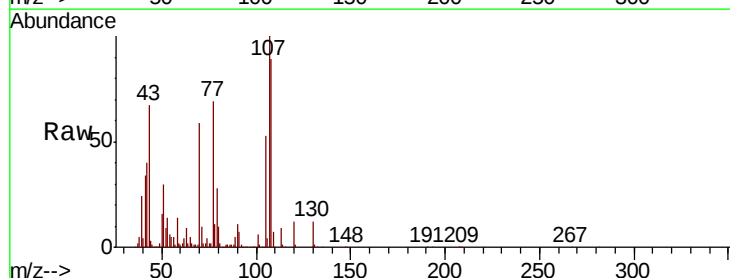
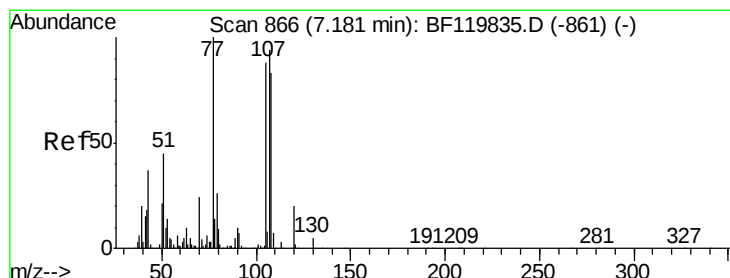
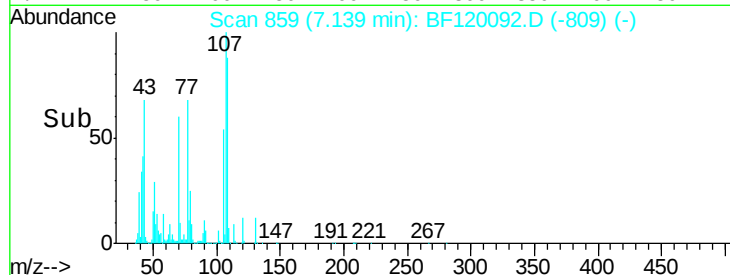
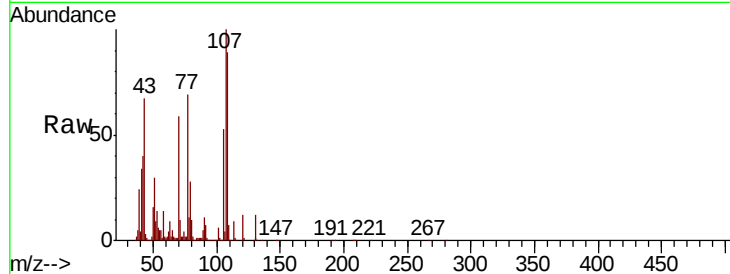
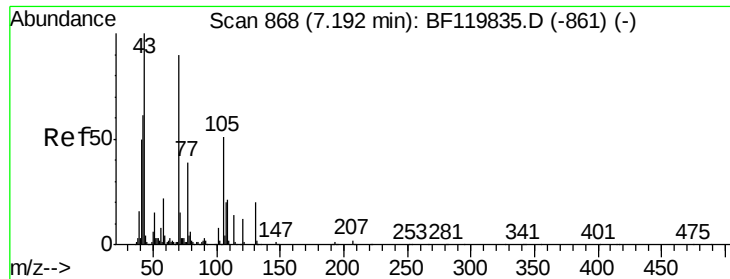
mohammad
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#18
Hexachloroethane
Concen: 46.840 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.4	116.0	
201	95.3	68.4	102.6	





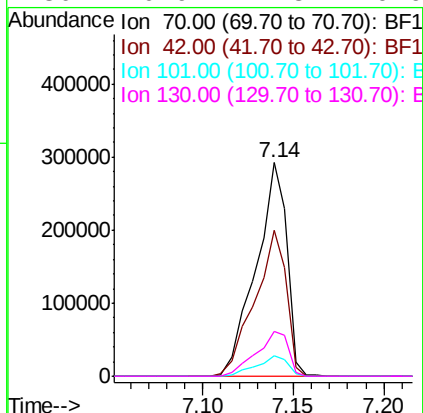
#19
n-Nitroso-di-n-propylamine
Concen: 49.189 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	54.2	81.4
101	9.4	7.4	11.2
130	20.9	17.8	26.6

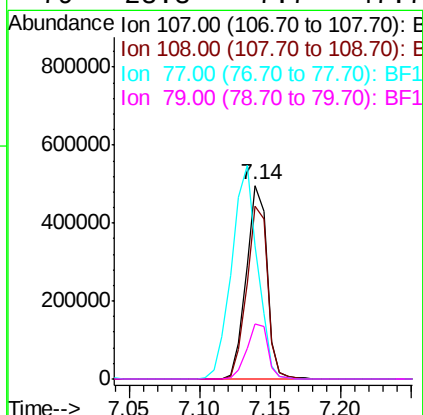
Manual Integrations
APPROVED

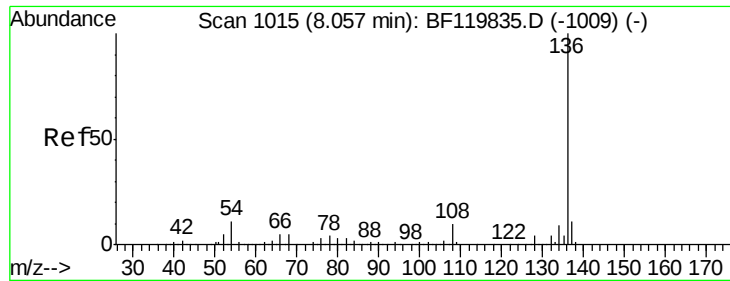
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#20
3+4-Methylphenols
Concen: 49.409 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	69.0	86.6	126.6#
79	28.3	7.7	47.7





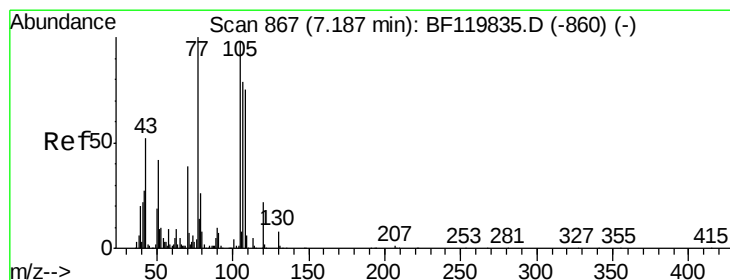
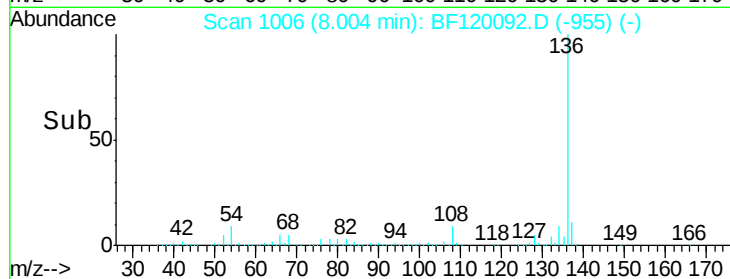
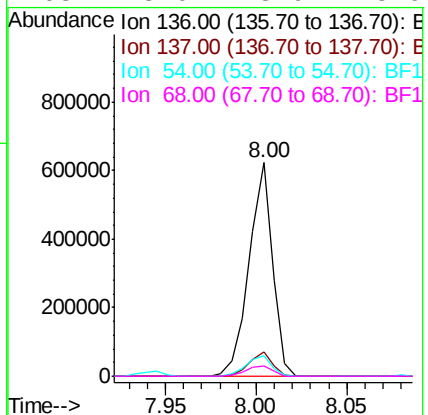
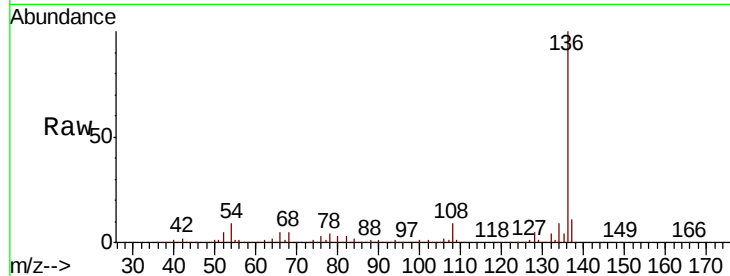
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	8.7	13.1		
54	9.4	8.5	12.7		
68	5.0	3.9	5.9		

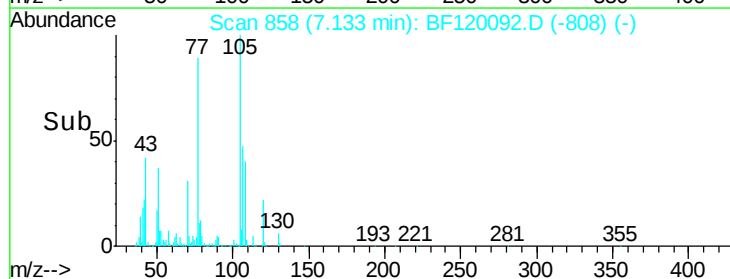
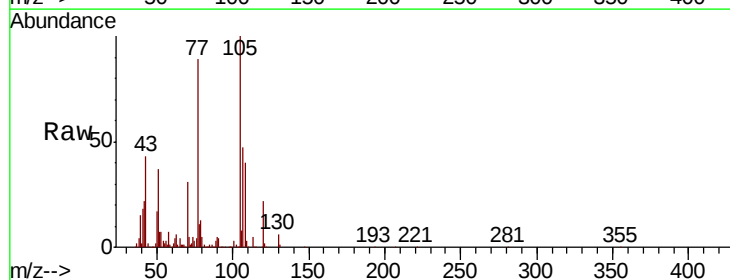
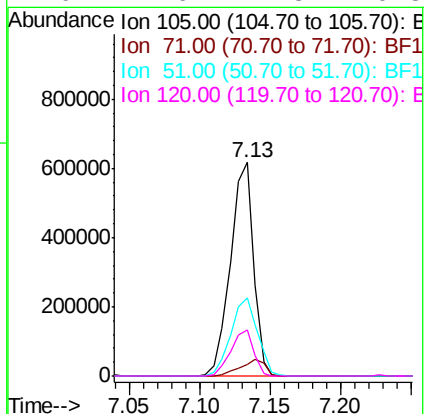
Manual Integrations
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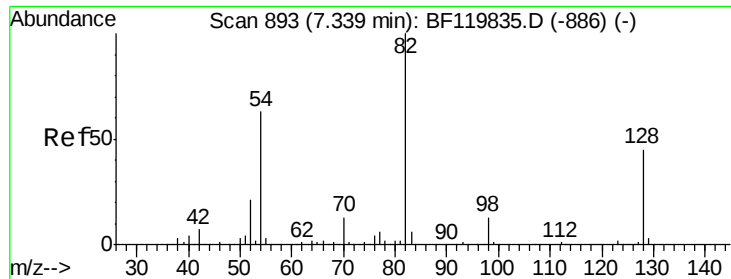
mohammad
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#22
Acetophenone
Concen: 53.525 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.4	5.6	8.4#		
51	36.7	33.9	50.9		
120	21.6	17.8	26.8		





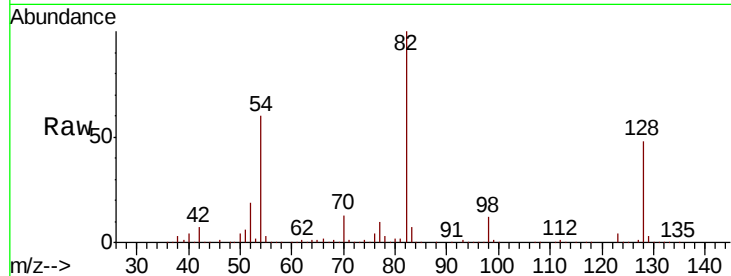
#23
Nitrobenzene-d5
Concen: 60.125 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

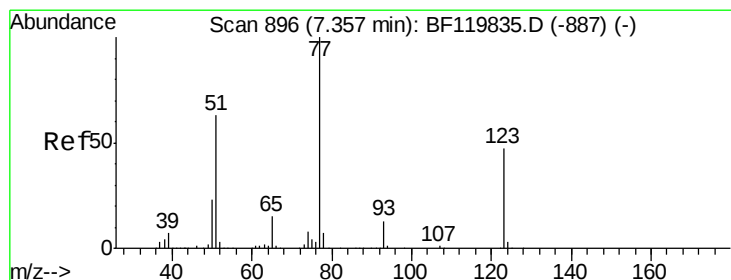
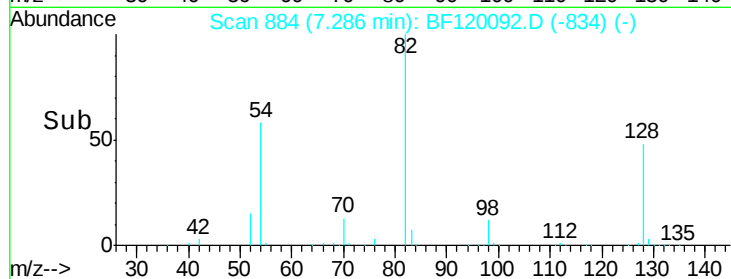
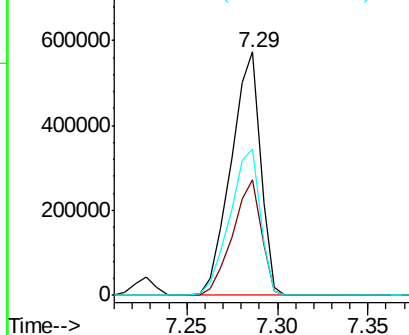
Tot Ion	Ratio	Resp	Lower	Upper
82	100	649548		
128	47.7	36.2	54.4	
54	60.2	50.4	75.6	

Manual Integrations
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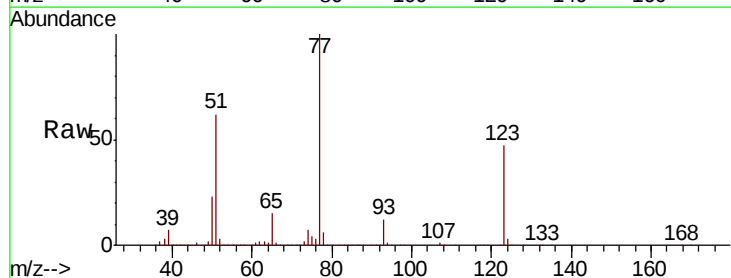


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

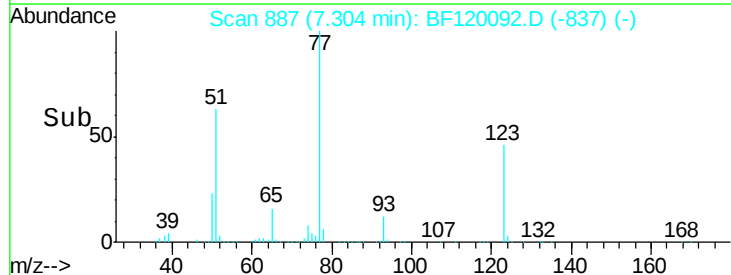
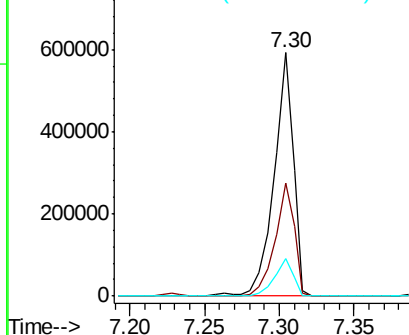


#24
Nitrobenzene
Concen: 48.690 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	529148		
123	46.6	37.8	56.8	
65	15.3	12.2	18.2	



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





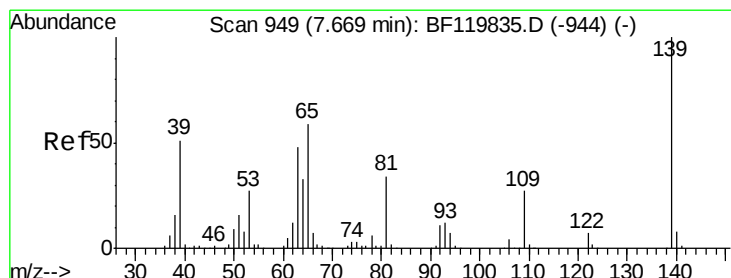
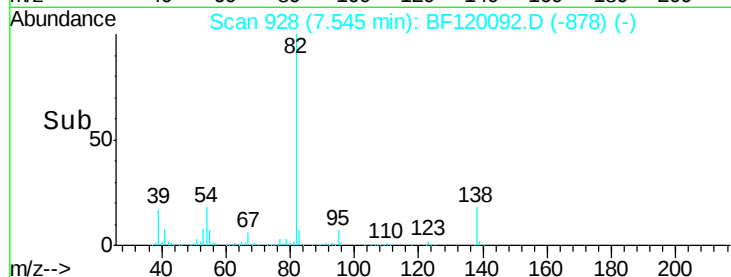
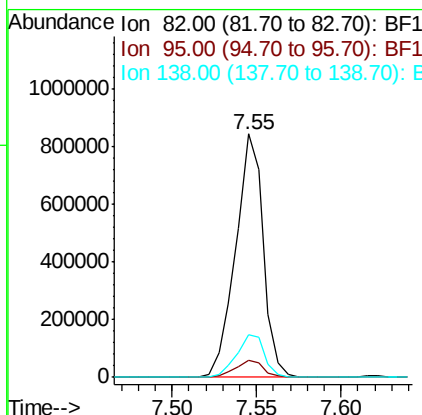
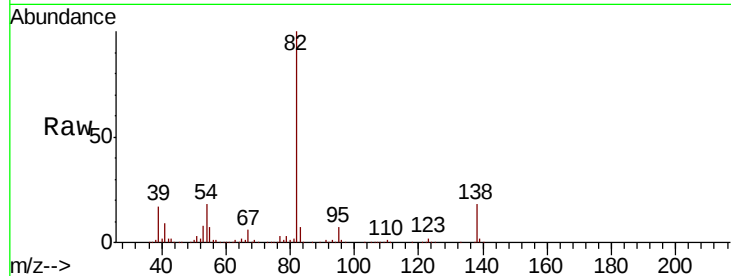
#25
Isophorone
Concen: 45.981 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampled :
WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	957589		
95	7.1		5.8	8.6
138	17.5		14.5	21.7

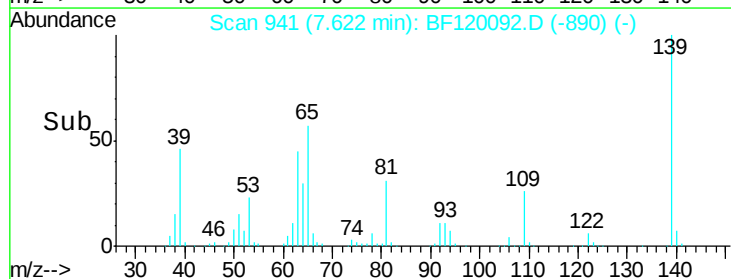
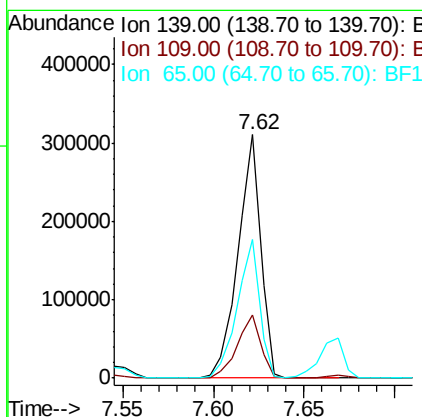
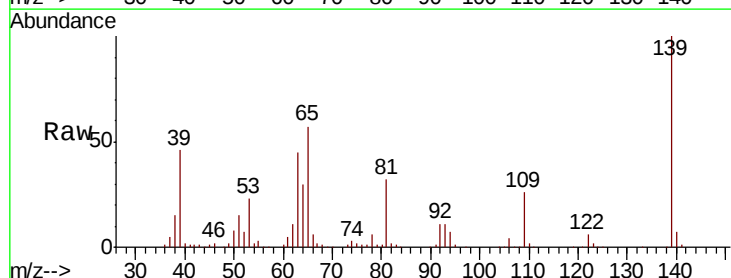
Manual Integrations
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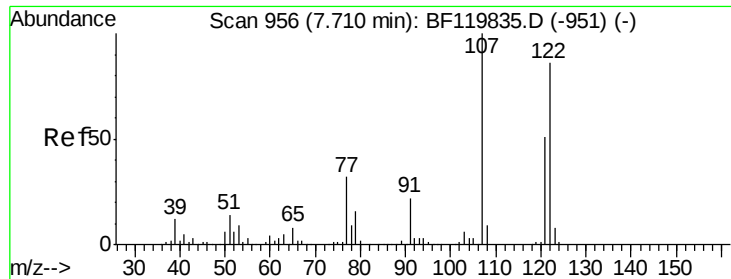
mohammad
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#26
2-Nitrophenol
Concen: 50.018 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	271577		
109	26.2		21.8	32.6
65	56.7		47.0	70.4





#27

2,4-Dimethylphenol

Concen: 52.226 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

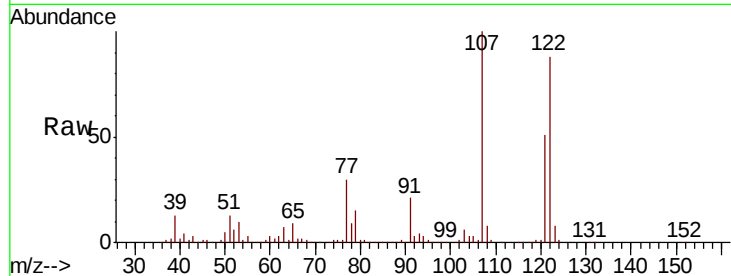
ClientSampleId :

WB-4-1MS

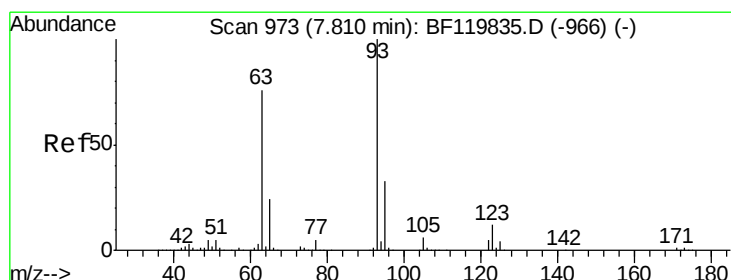
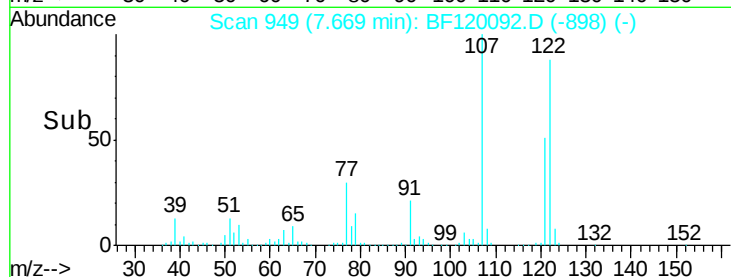
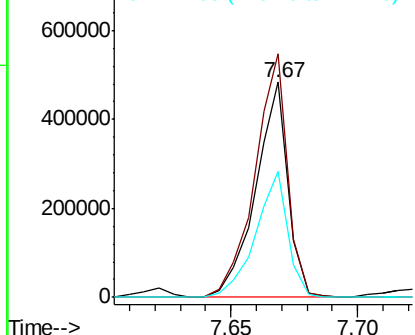
Tot Ion:	122	Resp:	427669
Ion Ratio	Lower	Upper	
122	100		
107	113.1	92.3	138.5
121	58.2	46.6	70.0

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.007 ng

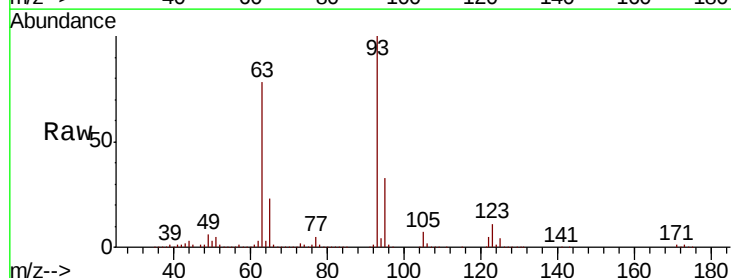
RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

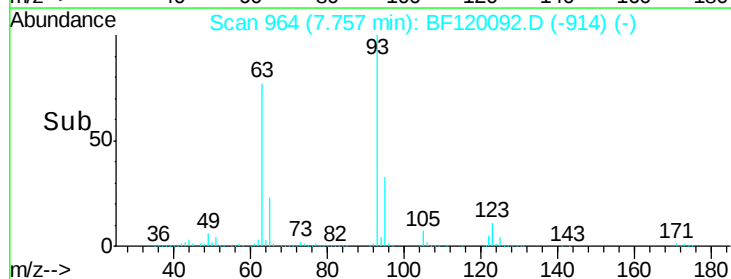
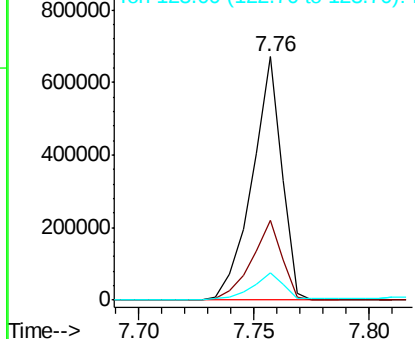
Lab File: BF120092.D

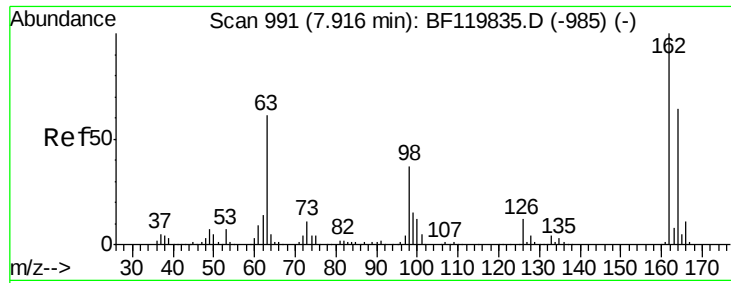
Acq: 20 Apr 2020 21:51

Tgt Ion:	93	Resp:	600564
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	11.1	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





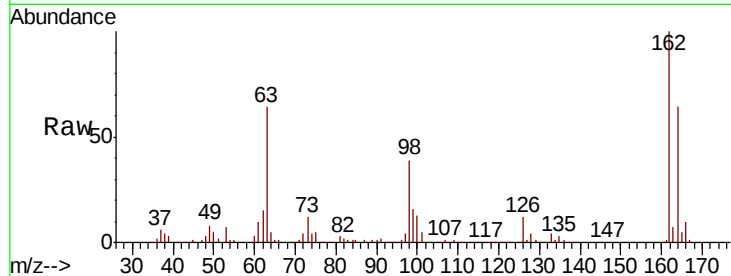
#29
2,4-Dichlorophenol
Concen: 49.390 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

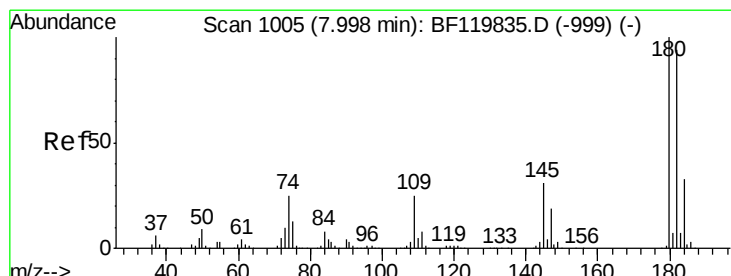
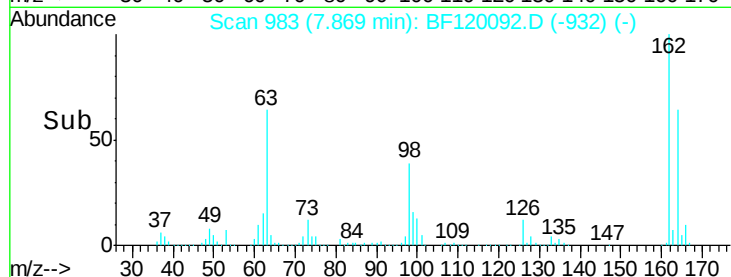
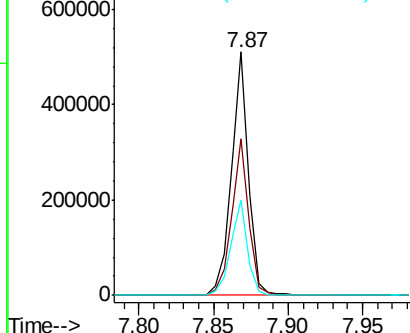
Tot Ion:	162	Resp:	414563
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.4	84.4
98	39.0	17.3	57.3

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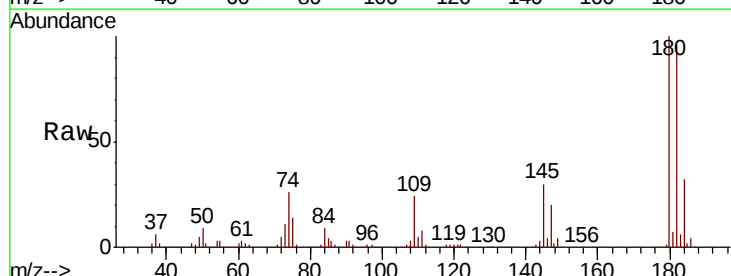


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

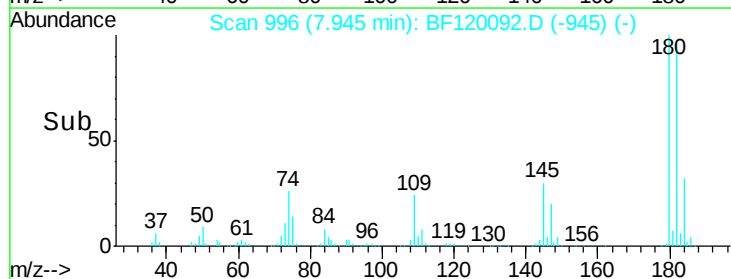
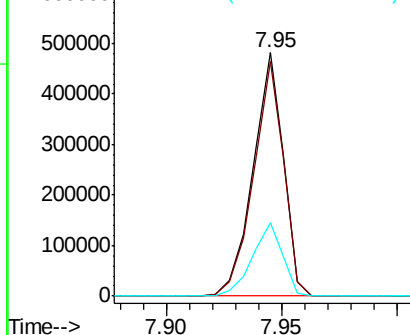


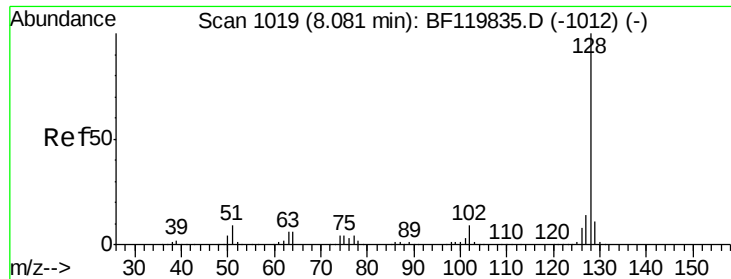
#30
1,2,4-Trichlorobenzene
Concen: 46.343 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:	180	Resp:	440753
Ion Ratio	Lower	Upper	
180	100		
182	96.5	75.4	113.0
145	30.3	24.6	37.0



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





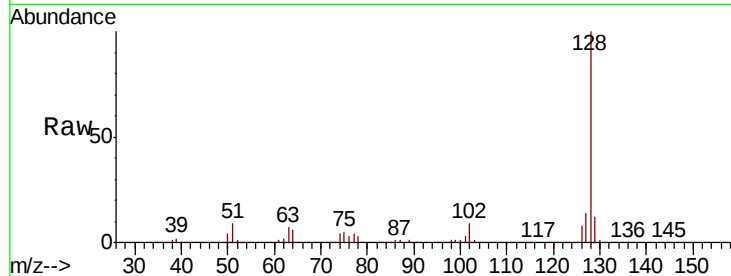
#31
Naphthalene
Concen: 51.492 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

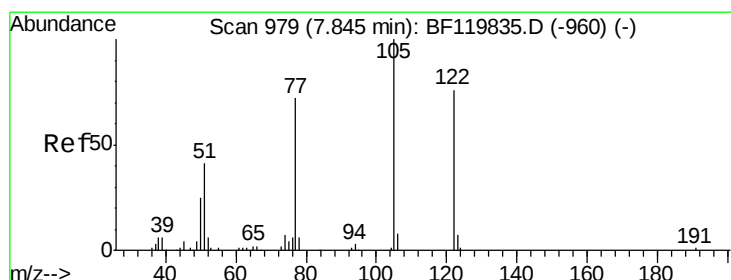
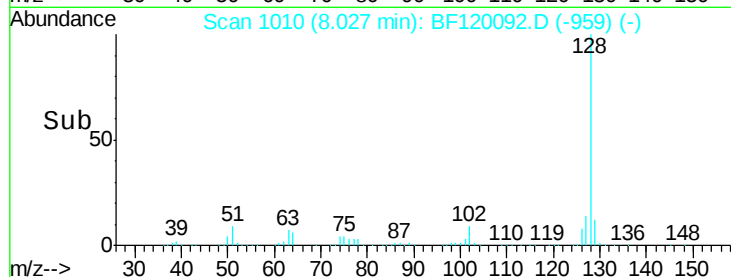
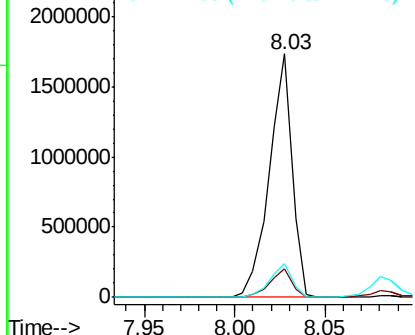
Tot Ion:128 Resp: 1514120
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 11.0 16.4

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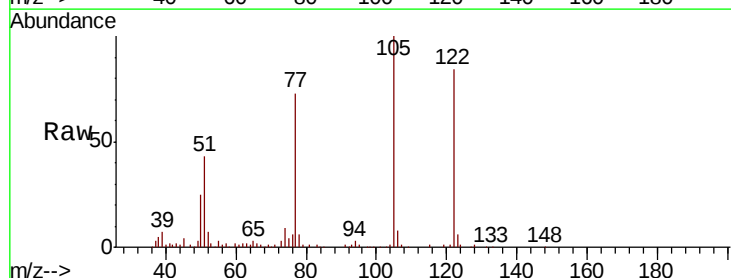


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

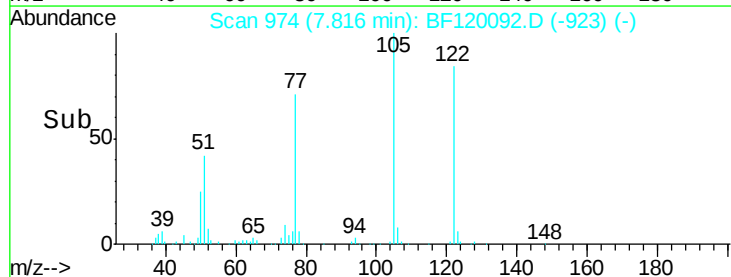
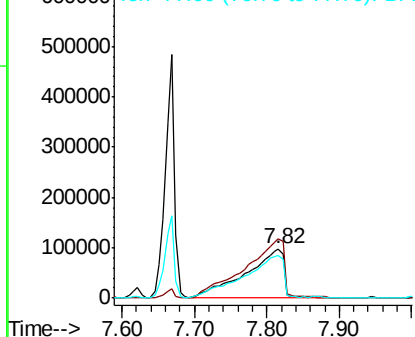


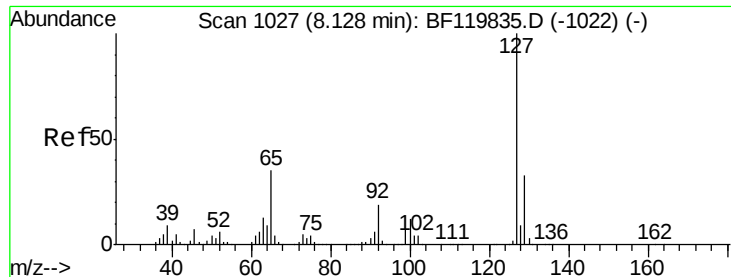
#32
Benzoic acid
Concen: 49.423 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion:122 Resp: 355441
Ion Ratio Lower Upper
122 100
105 119.3 106.7 146.7
77 86.5 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





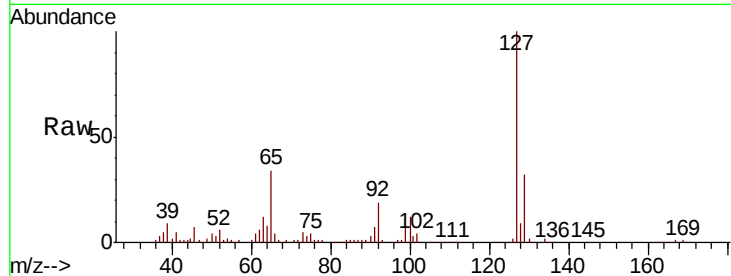
#33
4-Chloroaniline
Concen: 13.824 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

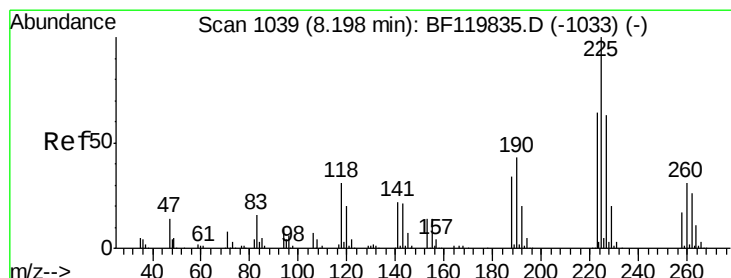
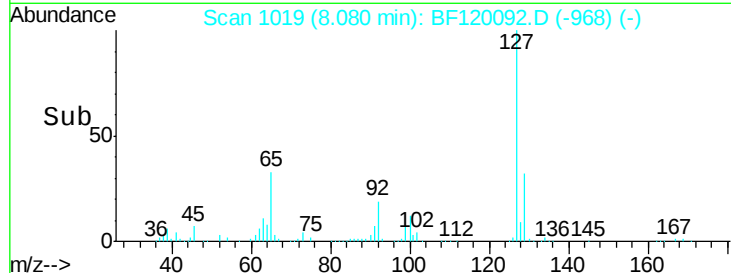
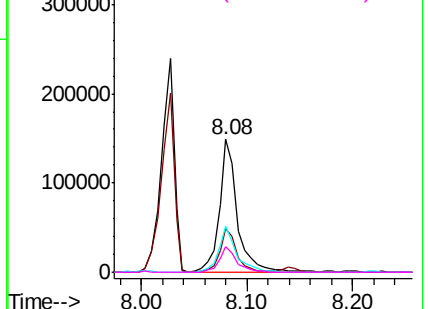
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		176967		
129	32.4	26.2	39.2		
65	34.3	28.3	42.5		
92	18.9	15.4	23.2		

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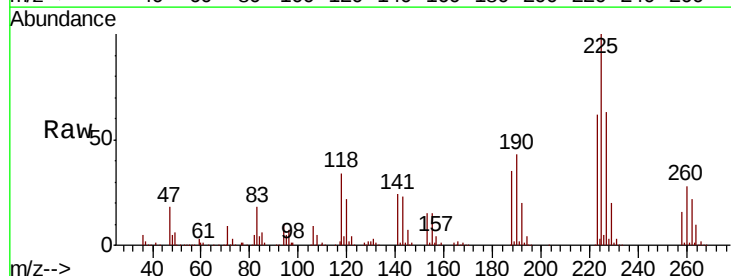


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

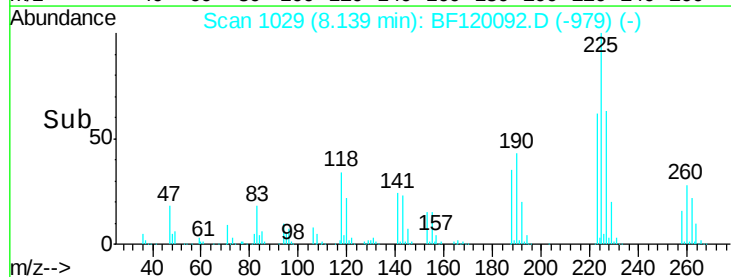
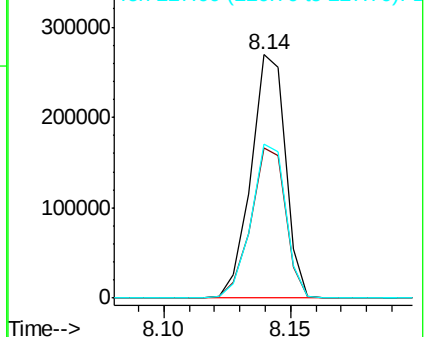


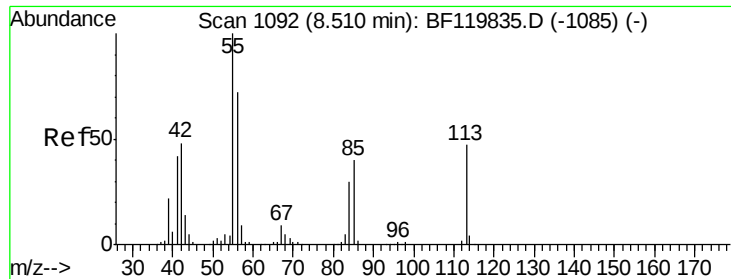
#34
Hexachlorobutadiene
Concen: 45.055 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		256506		
223	61.8	51.0	76.6		
227	63.4	50.4	75.6		



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





#35

Caprolactam

Concen: 53.295 ng/ml

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

WB-4-1MS

Tot Ion:113 Resp: 136840

Ion Ratio Lower Upper

113 100

55 239.0 192.7 232.7#

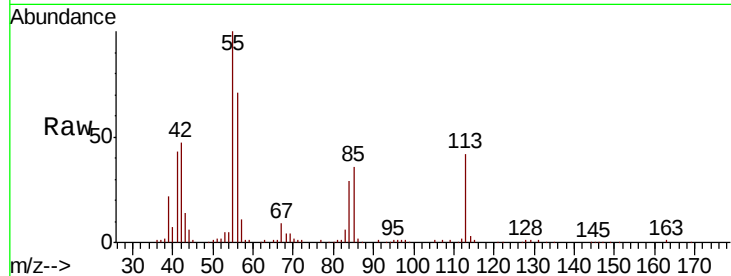
56 170.3 133.3 173.3

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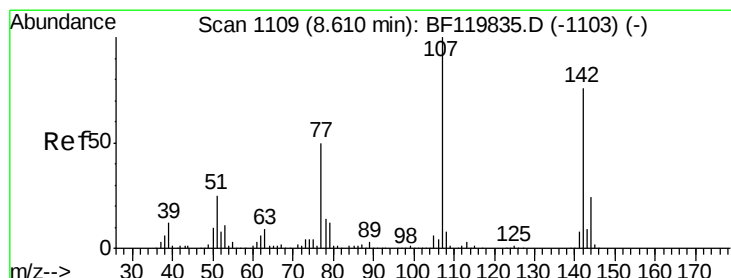
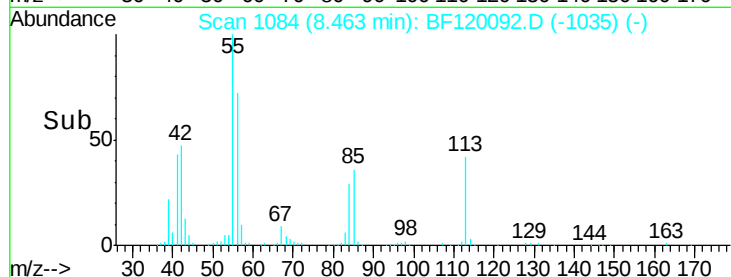
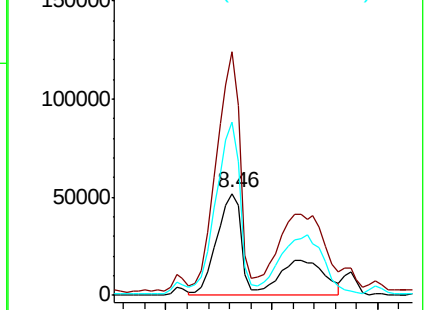
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.096 ng/ml

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

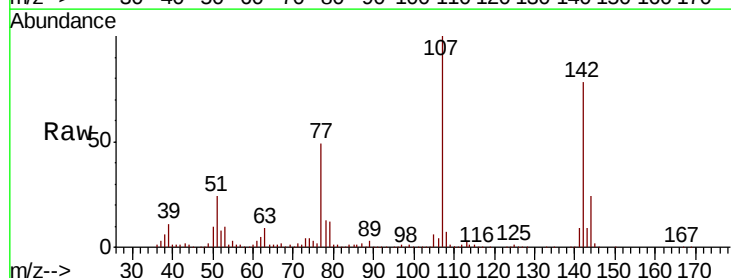
Tgt Ion:107 Resp: 455249

Ion Ratio Lower Upper

107 100

144 24.3 19.5 29.3

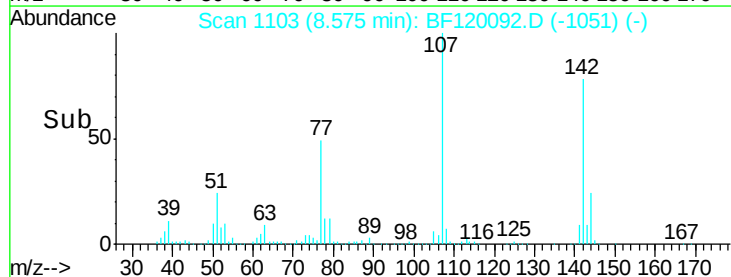
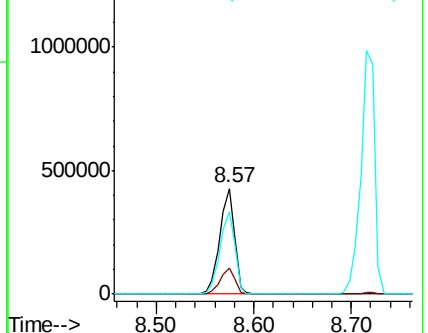
142 77.7 60.5 90.7

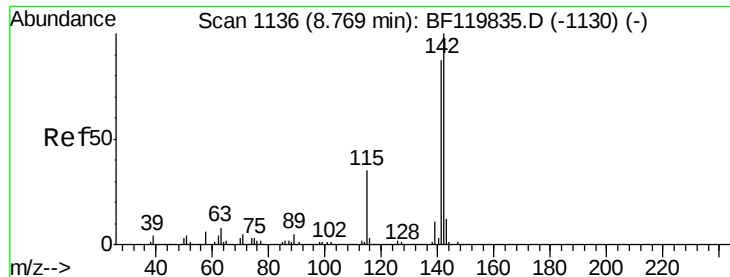


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





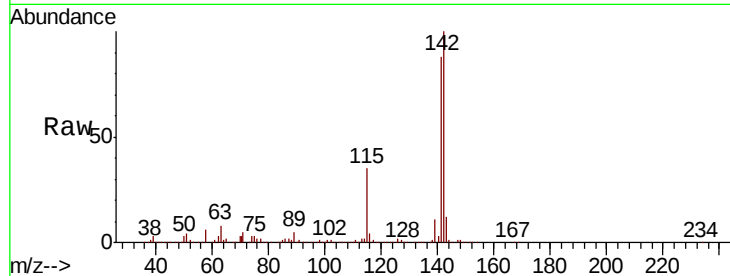
#37
2-Methylnaphthalene
Concen: 48.890 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.9	104.9
115	34.8	28.0	42.0

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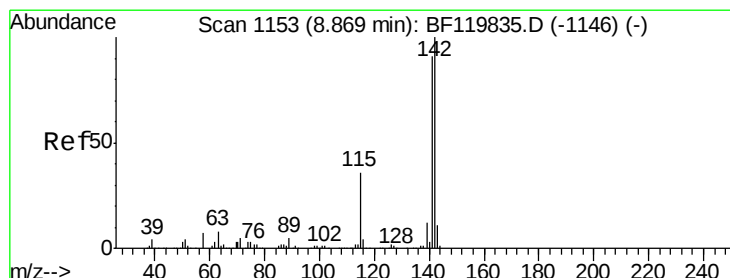
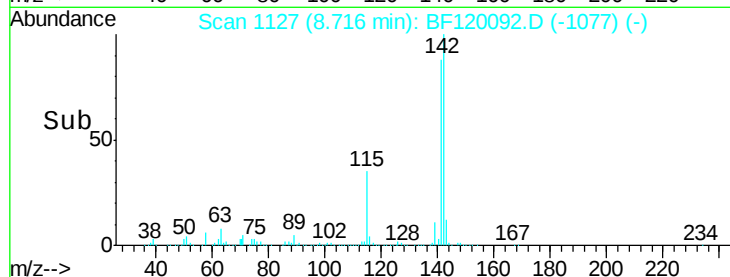
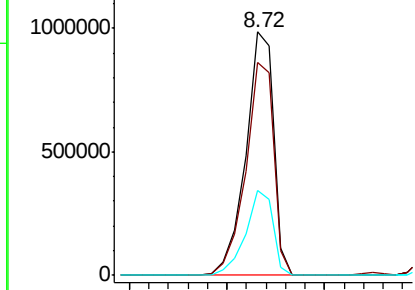


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.602 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

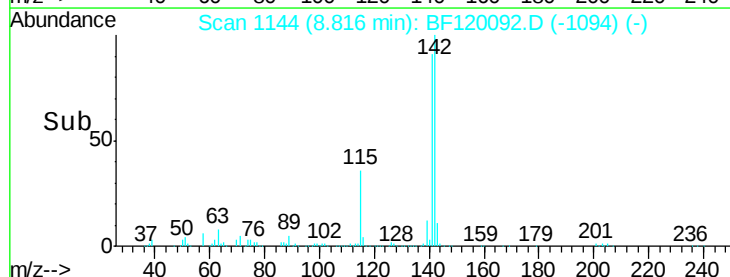
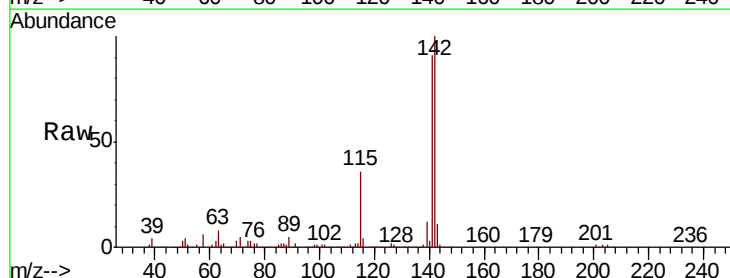
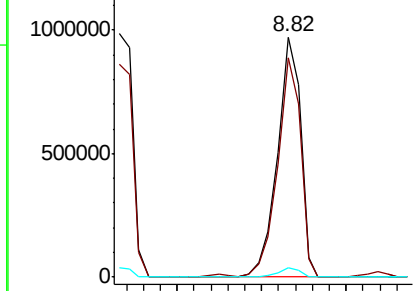
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
116	3.7	3.0	4.6

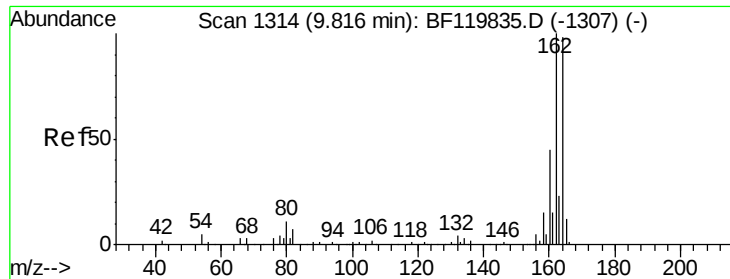
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





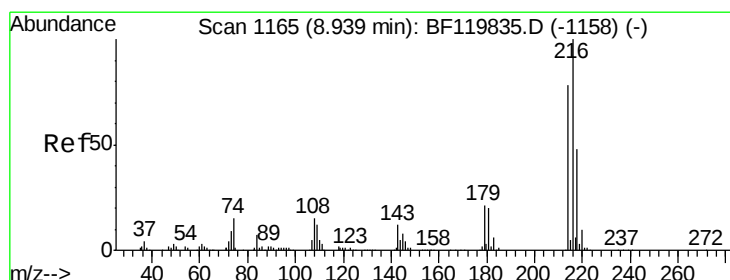
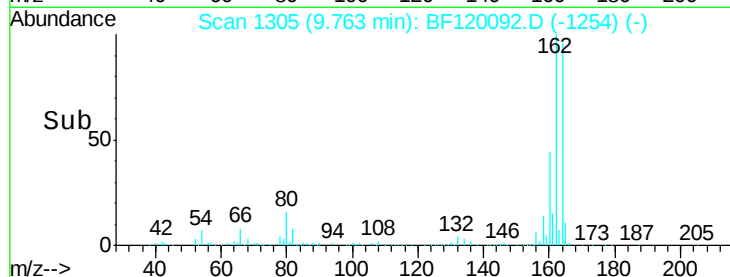
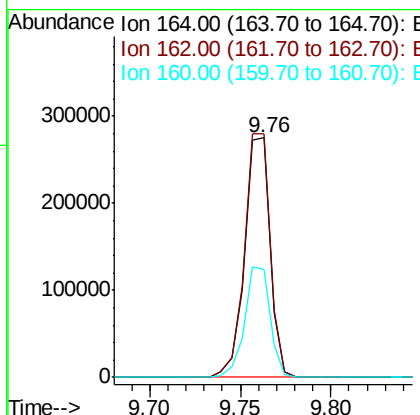
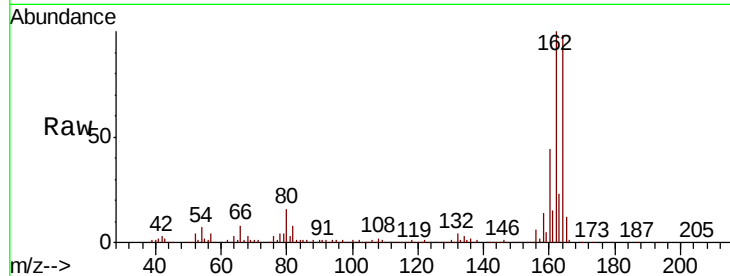
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	44.9	36.6	54.8

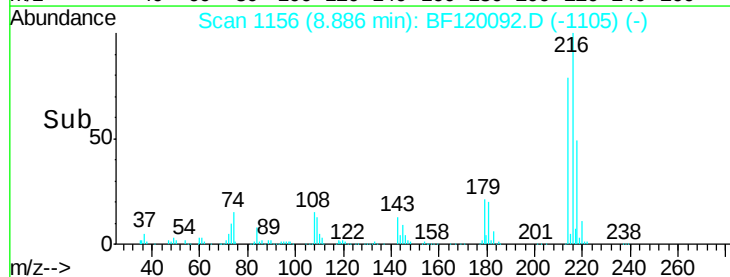
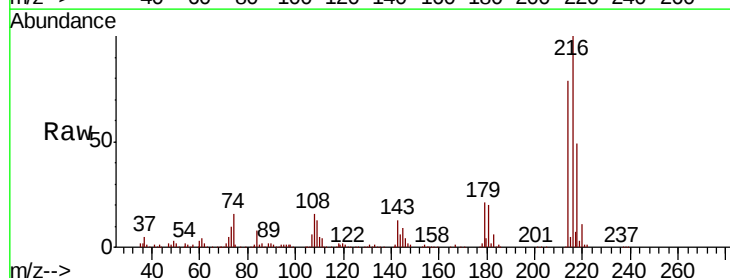
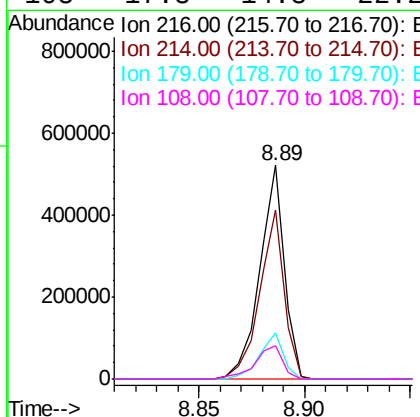
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.213 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	20.8	17.0	25.4
108	17.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 33.912 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

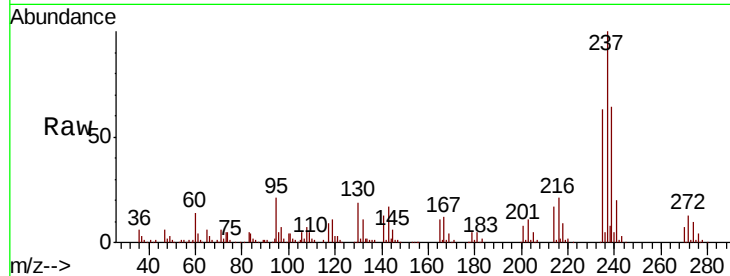
ClientSampleId :

WB-4-1MS

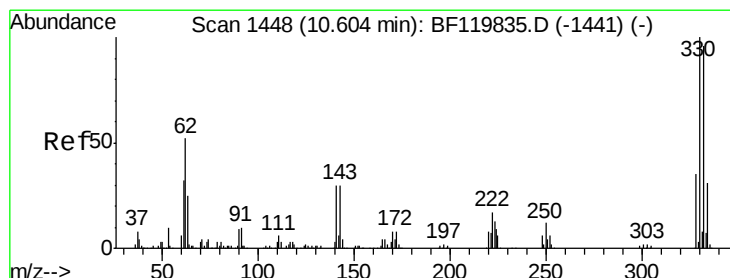
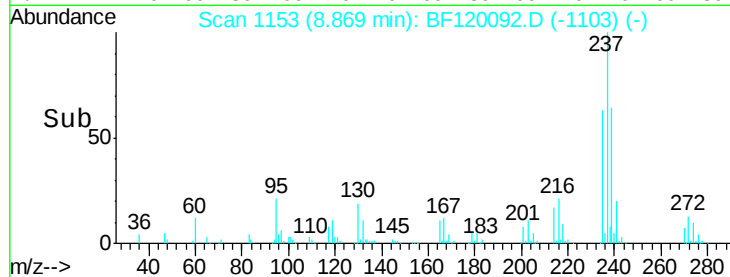
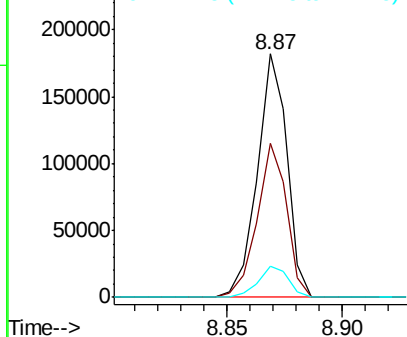
Tot Ion:	237	Resp:	163142
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.9	84.9
272	12.9	0.0	33.6

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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: 76.473 ng

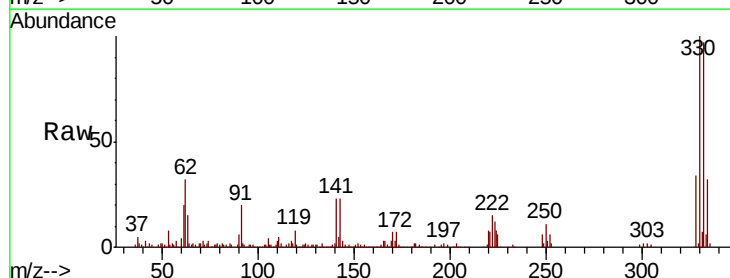
RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

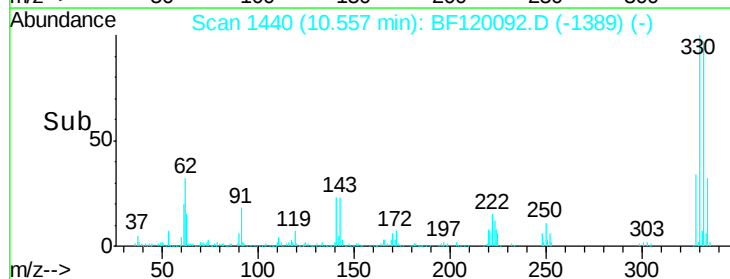
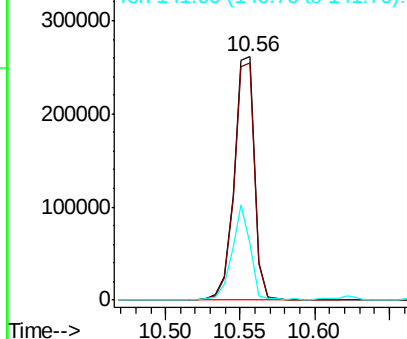
Lab File: BF120092.D

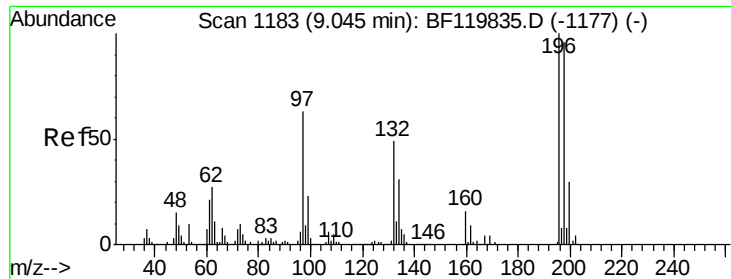
Acq: 20 Apr 2020 21:51

Tgt Ion:	330	Resp:	250789
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.8	115.2
141	35.0	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





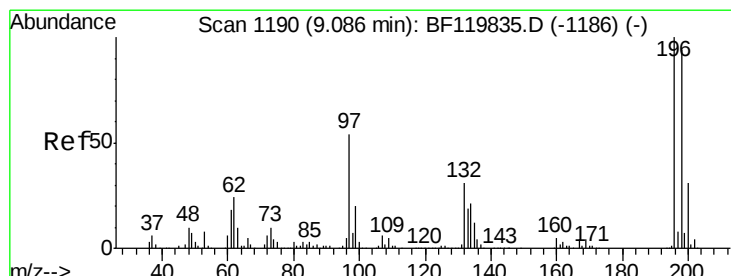
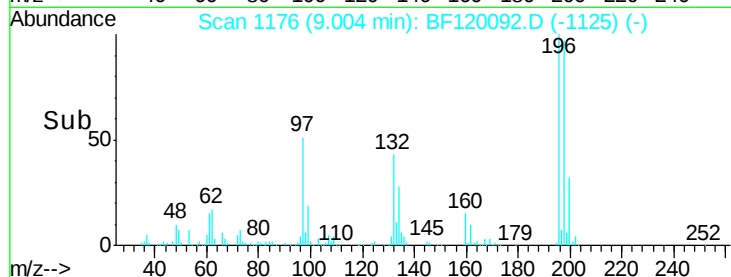
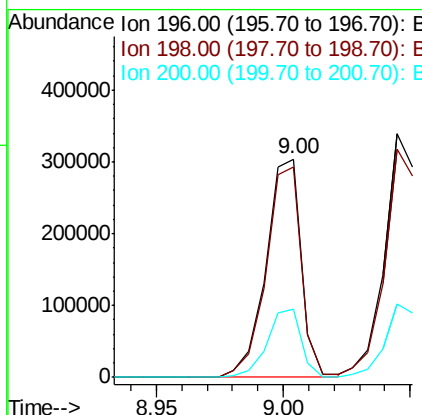
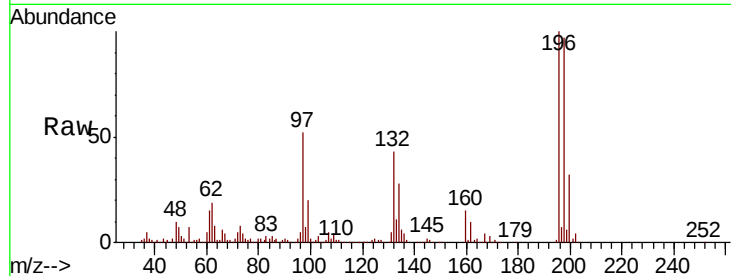
#43
 2,4,6-Trichlorophenol
 Concen: 50.883 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297262		
198	96.6	76.6	115.0	
200	31.5	24.2	36.2	

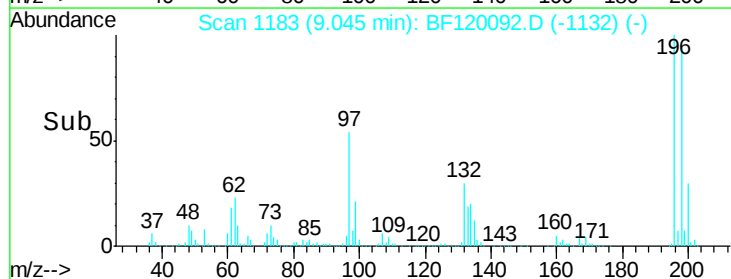
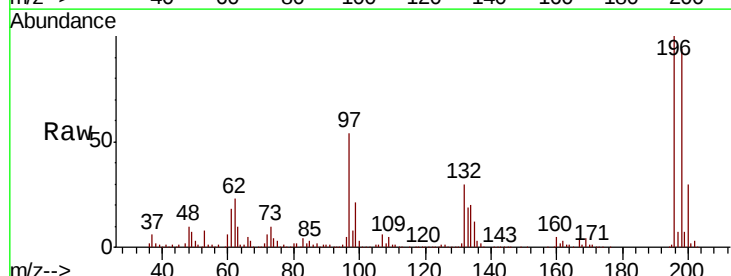
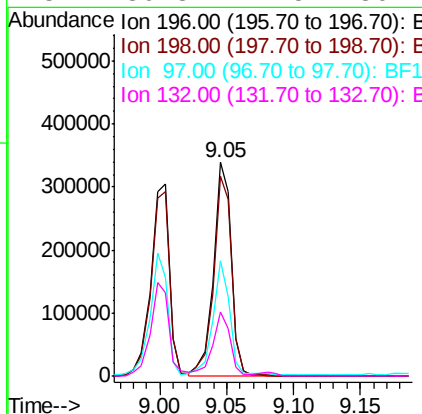
Manual Integrations
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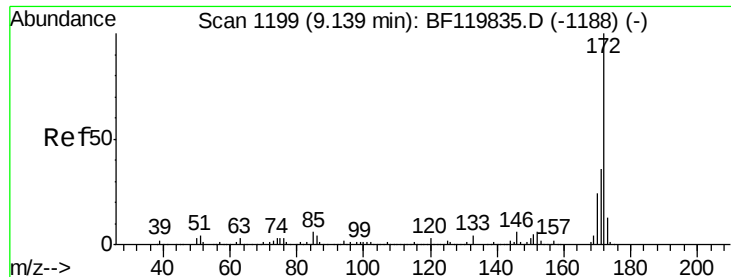
mohammad
 4/21/2020 2:55:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.441 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318736		
198	93.6	75.1	112.7	
97	54.0	43.4	65.2	
132	30.3	24.5	36.7	





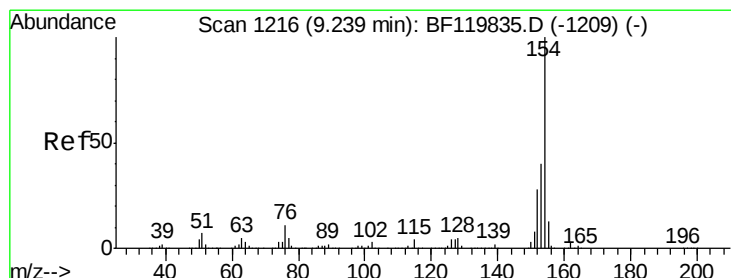
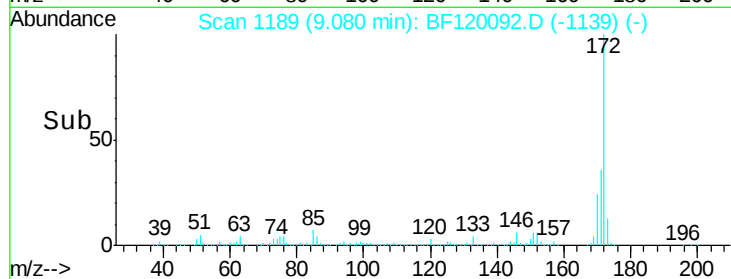
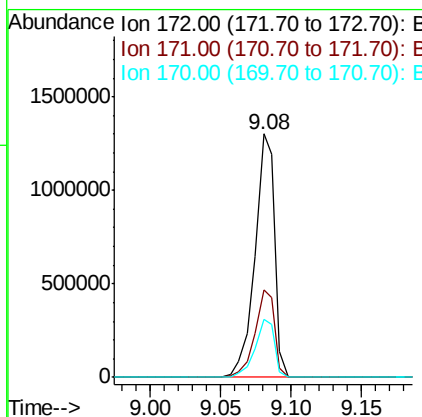
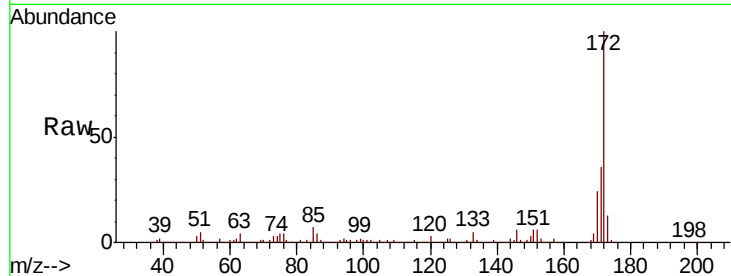
#45
2-Fluorobiphenyl
Concen: 67.836 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.6	19.4	29.2

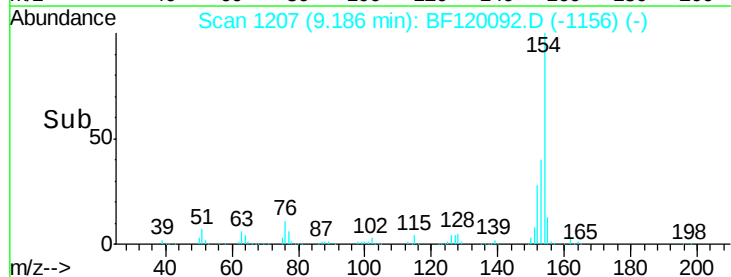
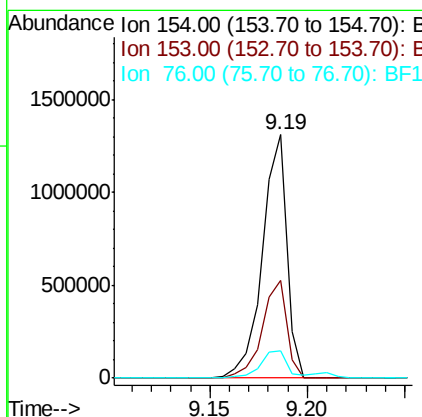
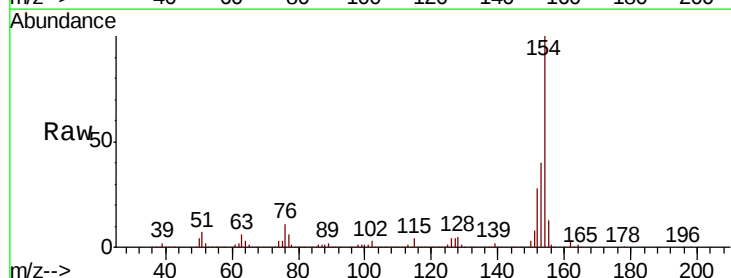
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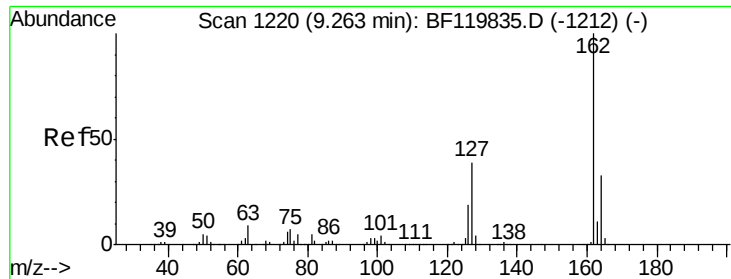
mohammad
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#46
1,1'-Biphenyl
Concen: 50.376 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	11.1	0.0	30.6





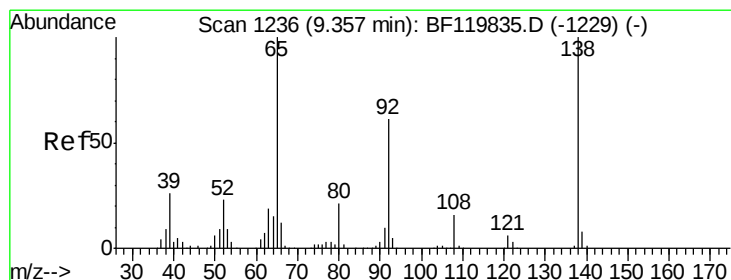
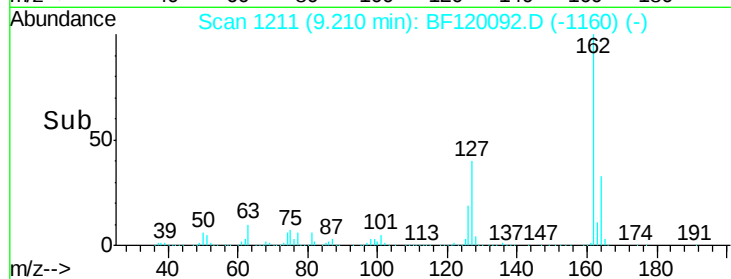
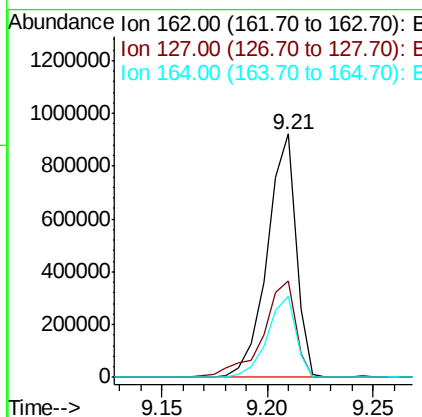
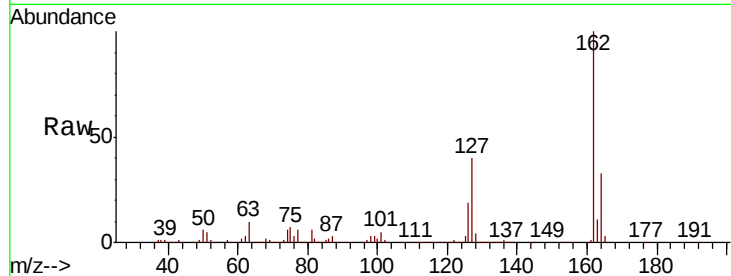
#47
 2-Chloronaphthalene
 Concen: 50.310 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion:	162	Resp:	876219
Ion Ratio	Lower	Upper	
162	100		
127	39.6	31.2	46.8
164	33.4	26.3	39.5

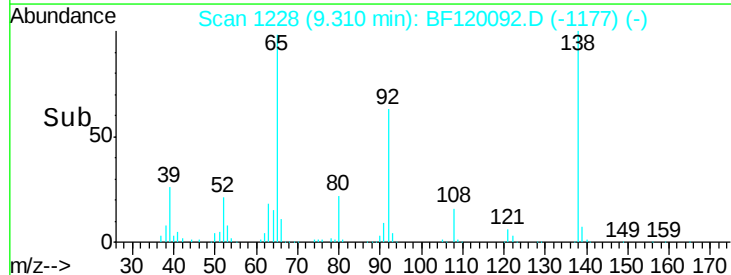
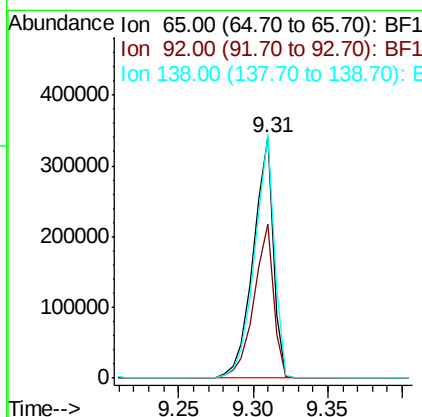
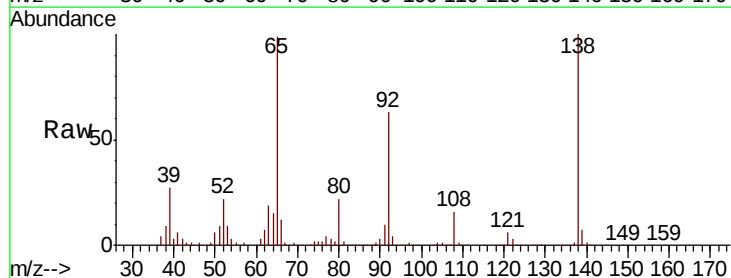
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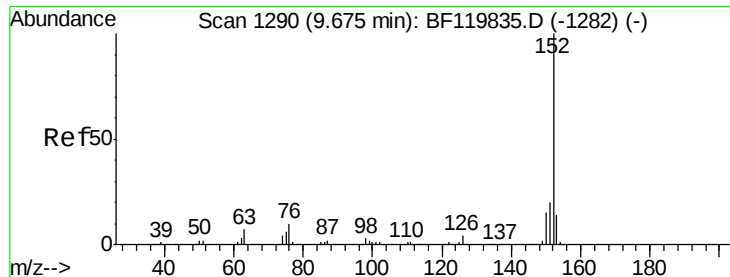
mohammad
 4/21/2020 2:55:11 PM



#48
 2-Nitroaniline
 Concen: 49.857 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:	65	Resp:	314668
Ion Ratio	Lower	Upper	
65	100		
92	64.0	49.0	73.6
138	101.1	79.7	119.5





#49

Acenaphthylene

Concen: 51.797 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

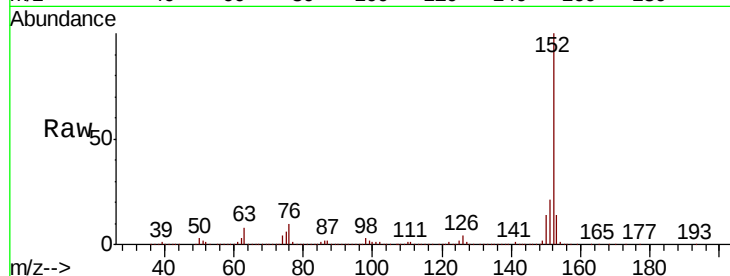
ClientSampleId :

WB-4-1MS

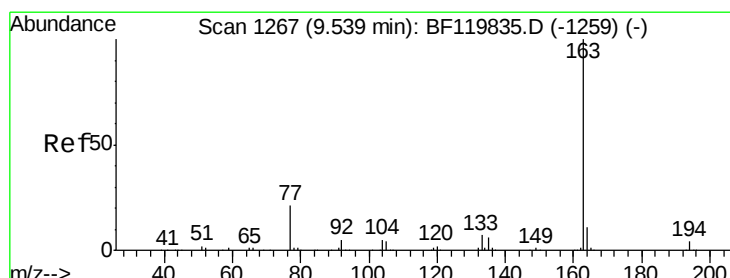
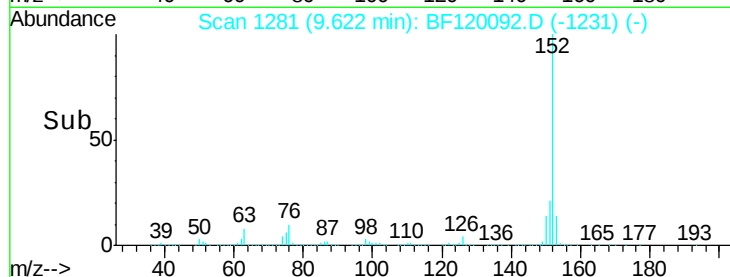
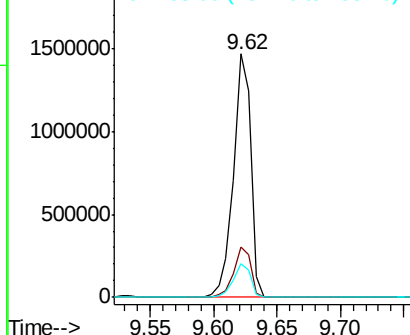
Tot Ion:	152	Resp:	1371959
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.6	10.9	16.3

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.591 ng

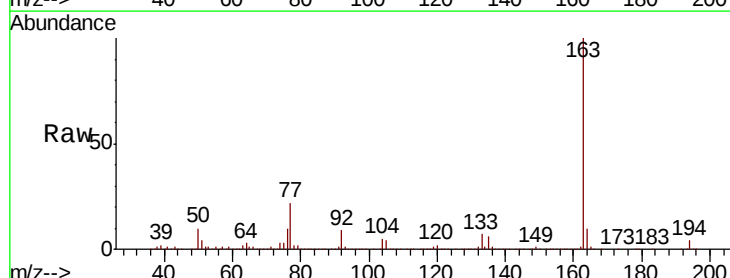
RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

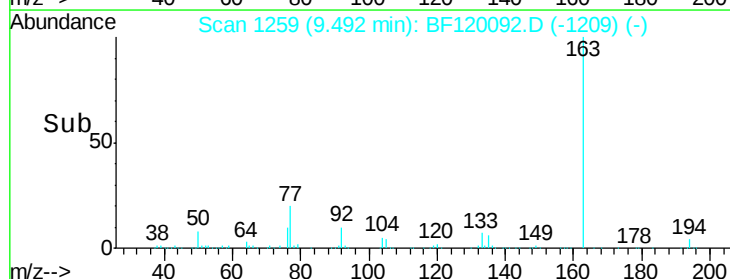
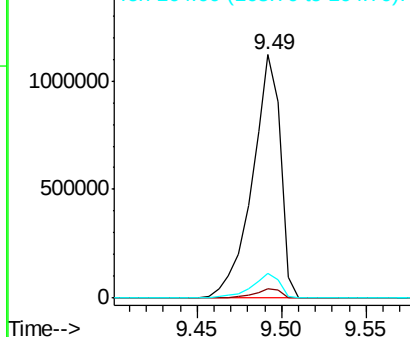
Lab File: BF120092.D

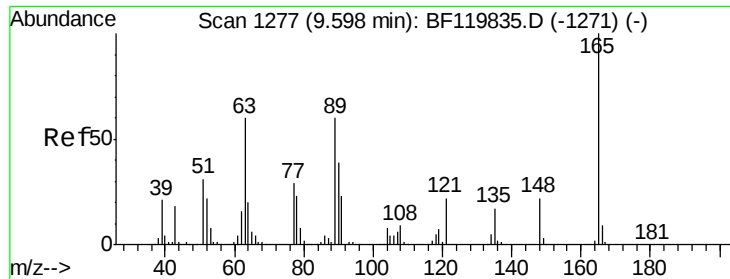
Acq: 20 Apr 2020 21:51

Tgt Ion:	163	Resp:	1296767
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





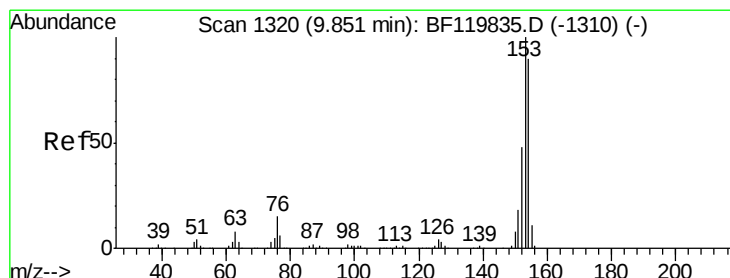
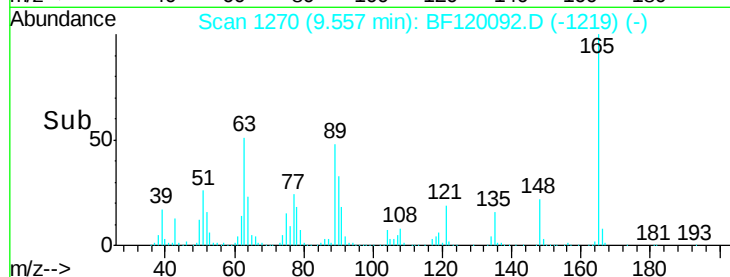
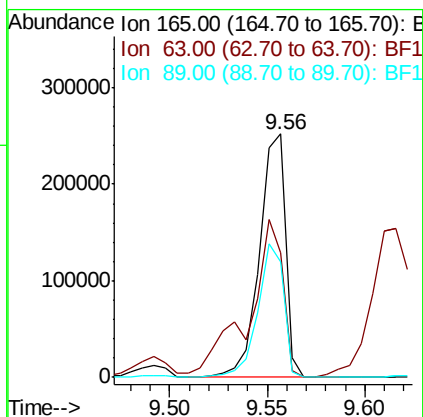
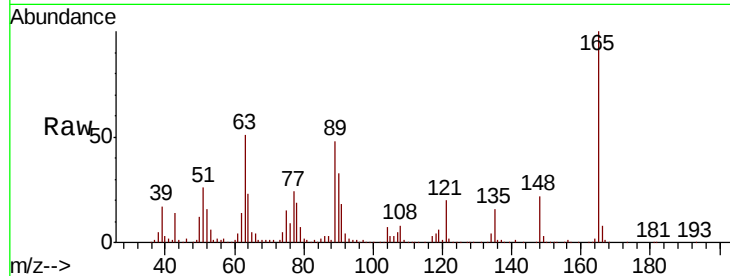
#51
2,6-Dinitrotoluene
Concen: 51.615 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234173		
63	51.1		55.6	83.4#
89	47.6		47.9	71.9#

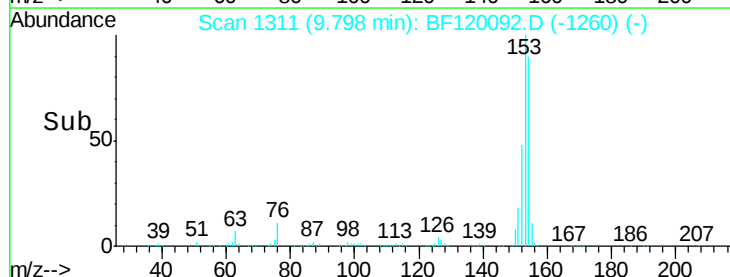
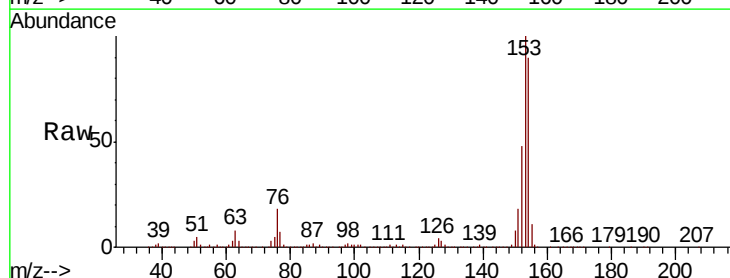
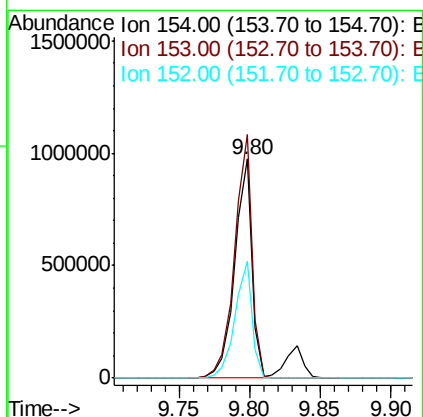
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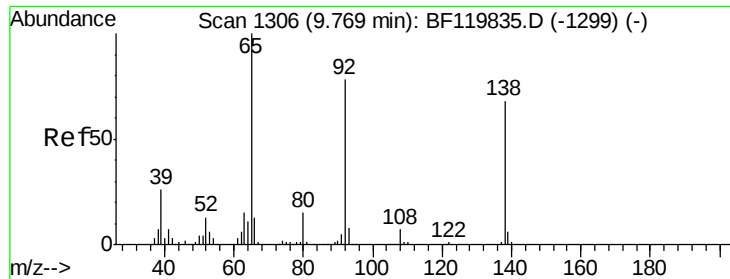
mohammad
4/21/2020 2:55:11 PM



#52
Acenaphthene
Concen: 54.093 ng m
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	955746		
153	111.1		88.8	133.2
152	53.6		42.4	63.6





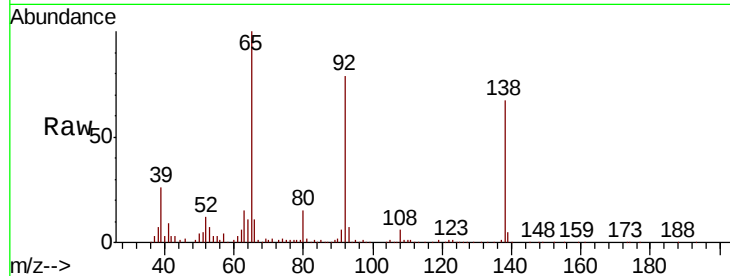
#53
3-Nitroaniline
Concen: 25.777 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	118.5	92.1	138.1

Manual Integrations
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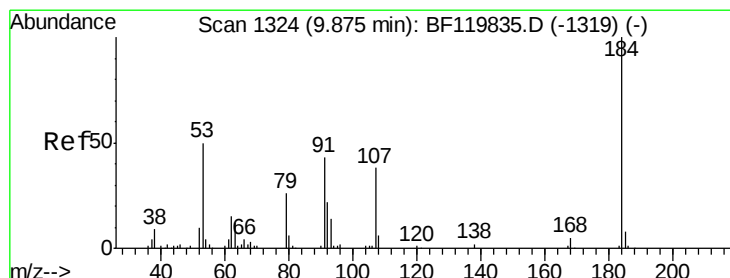
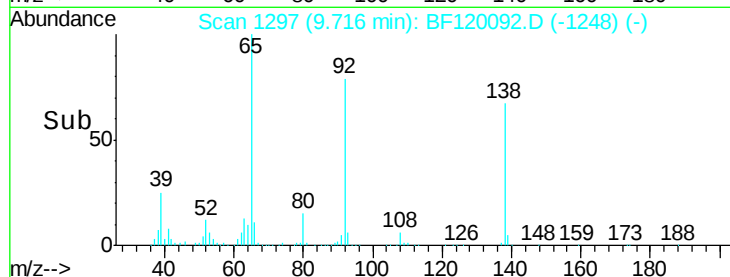
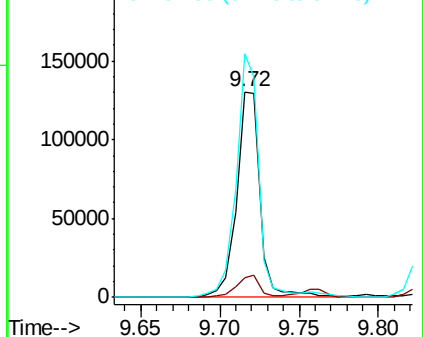


Abundance

Ion 138.00 (137.70 to 138.70): E

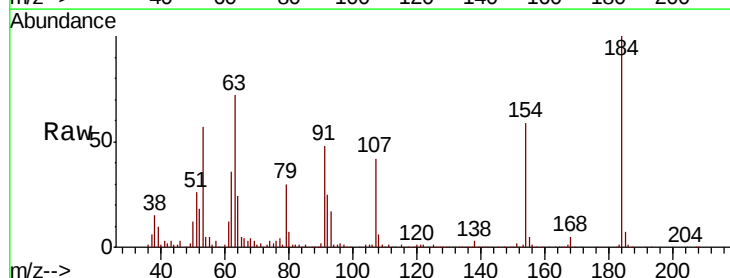
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 80.622 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.6	49.8	74.6
154	58.7	46.5	69.7

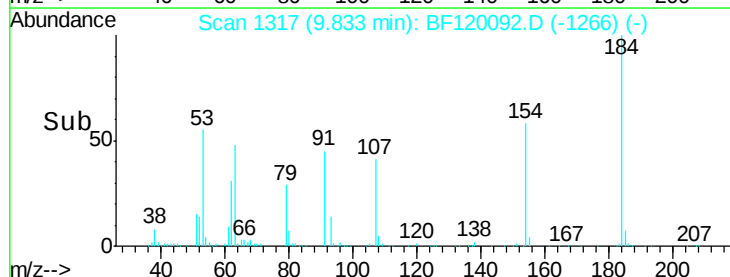
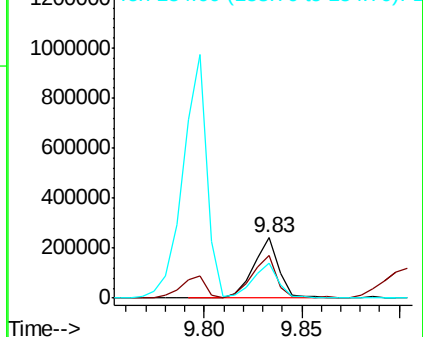


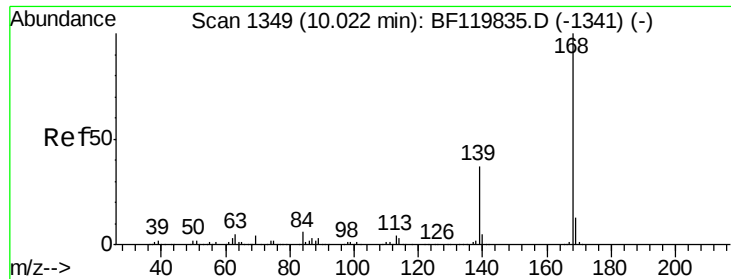
Abundance

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





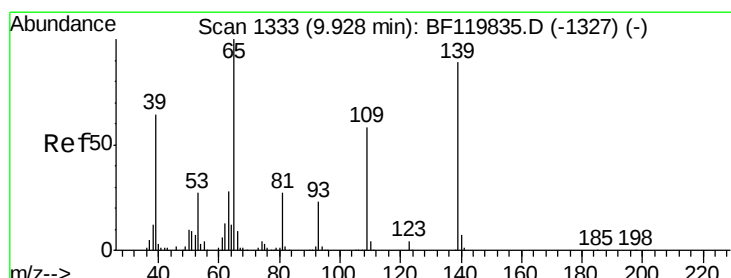
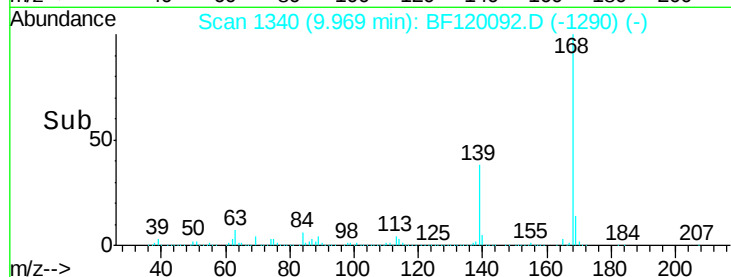
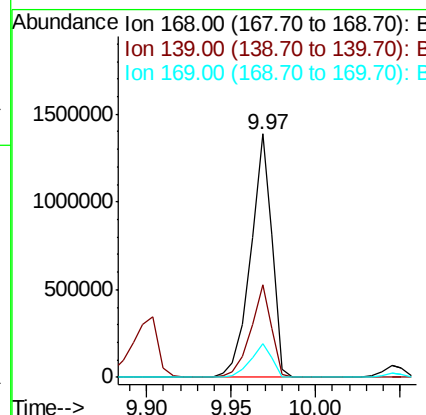
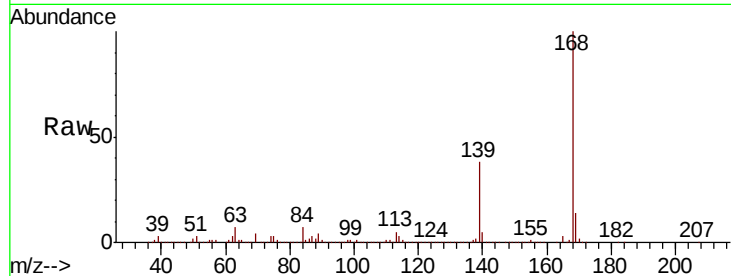
#55
Dibenzofuran
Concen: 50.521 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.8	44.6
169	13.8	10.6	15.8

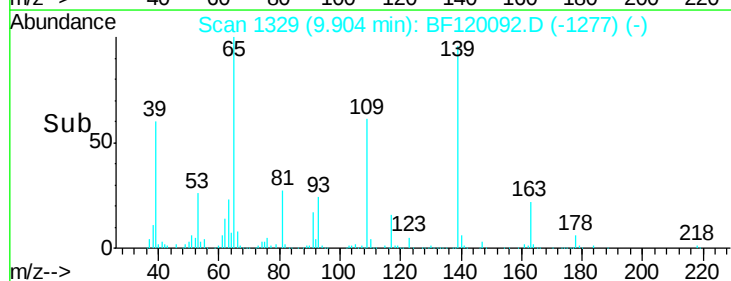
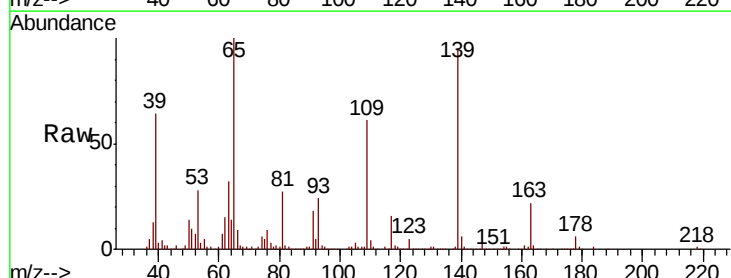
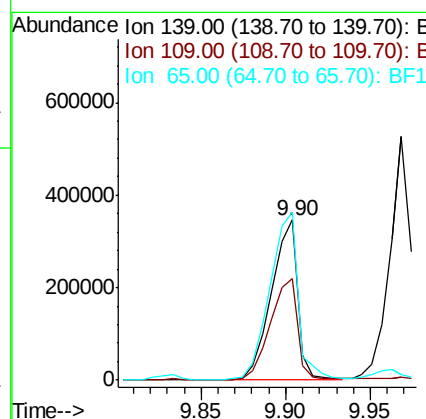
Manual Integrations
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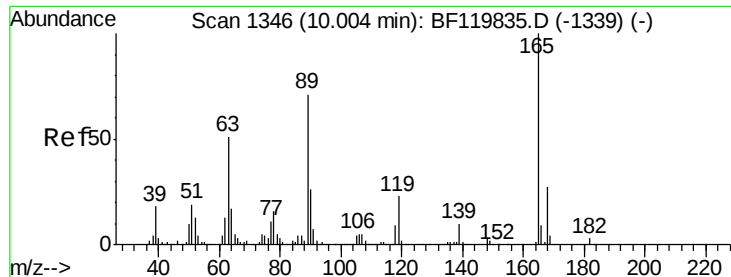
mohammad
4/21/2020 2:55:11 PM



#56
4-Nitrophenol
Concen: 96.386 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	45.5	85.5
65	105.1	92.3	132.3





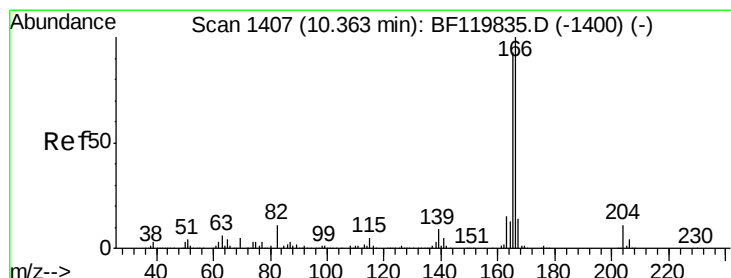
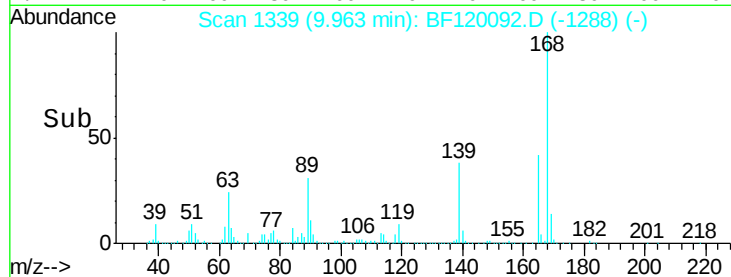
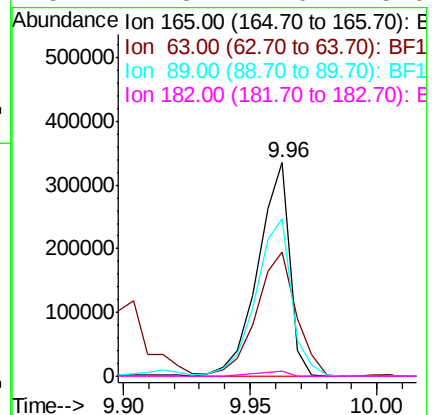
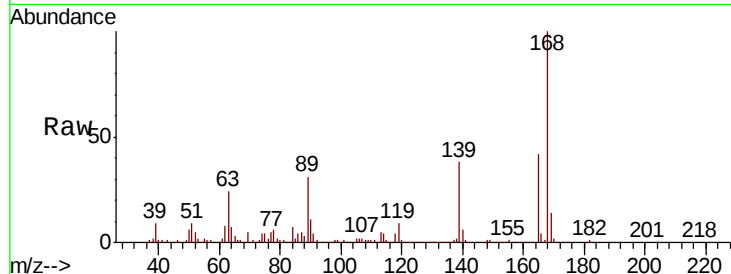
#57
2,4-Dinitrotoluene
Concen: 48.572 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		290337		
63	58.3	40.8	61.2		
89	74.0	56.9	85.3		
182	2.3	2.0	3.0		

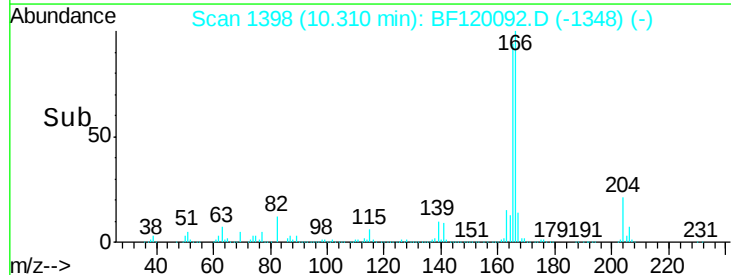
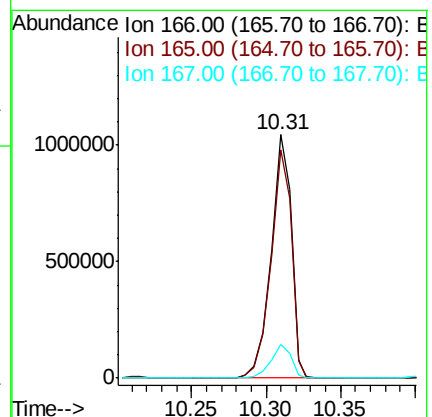
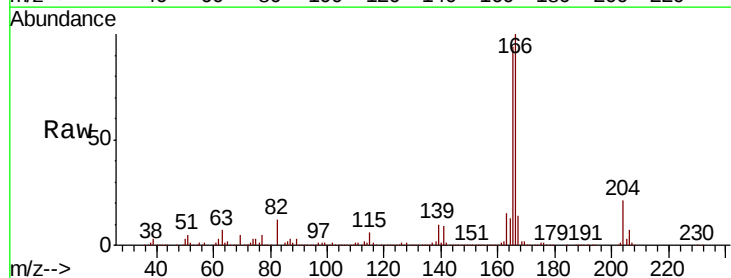
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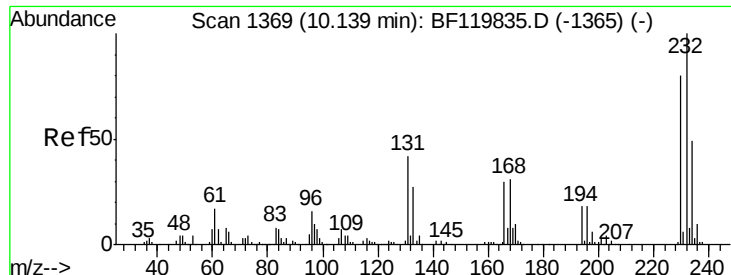
mohammad
4/21/2020 2:55:11 PM



#58
Fluorene
Concen: 49.938 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		968330		
165	93.9	74.2	111.2		
167	13.8	10.8	16.2		





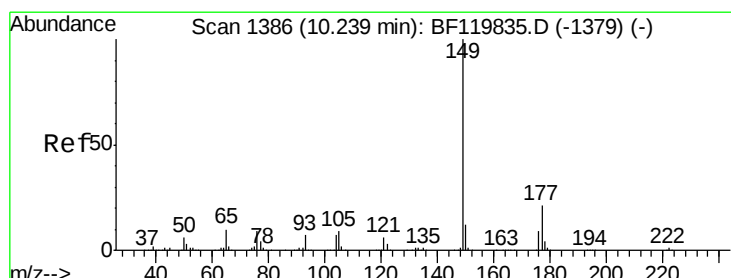
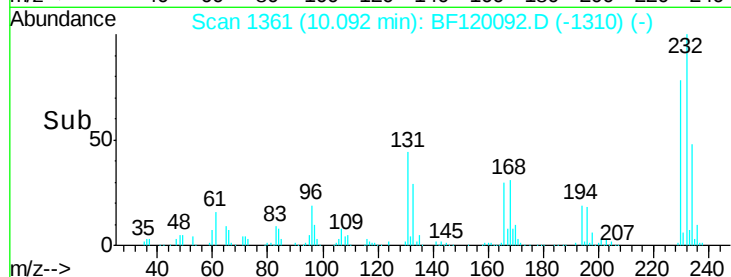
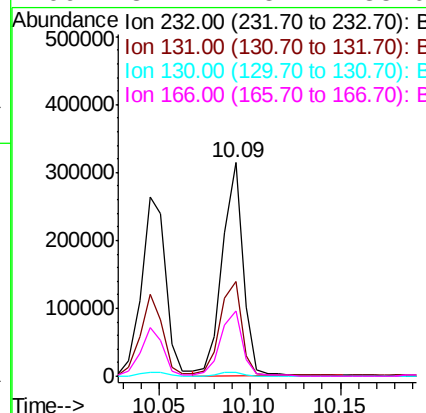
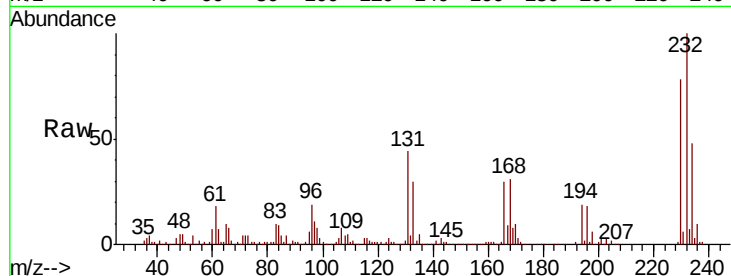
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.094 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	37.9	56.9
130	2.1	1.8	2.6
166	32.2	25.4	38.0

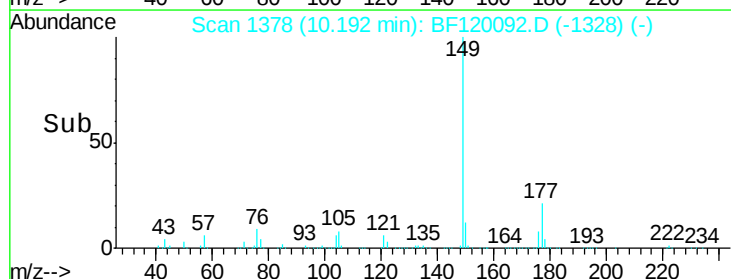
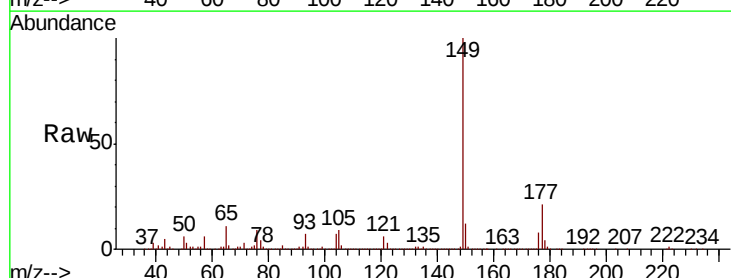
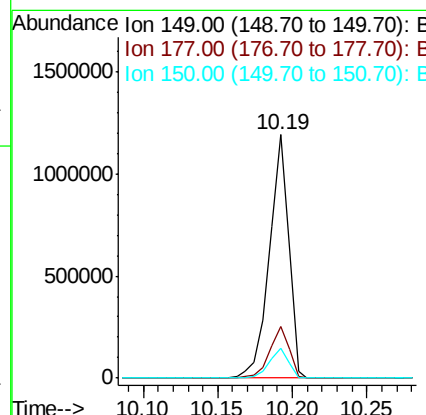
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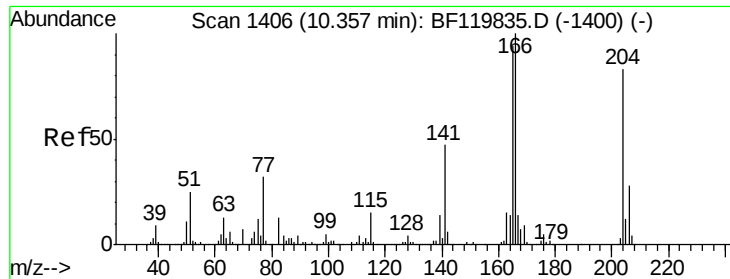
mohammad
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#60
 Diethylphthalate
 Concen: 49.211 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.8	25.2
150	12.5	9.8	14.6





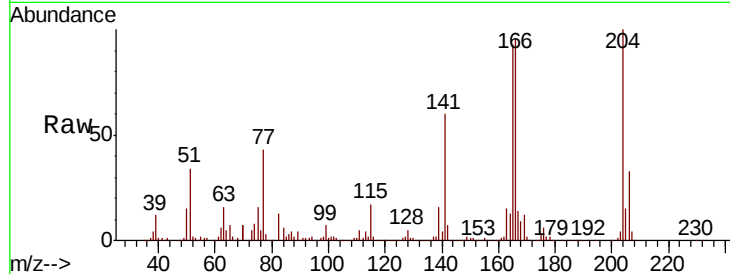
#61
 4-Chlorophenyl-phenylether
 Concen: 46.090 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

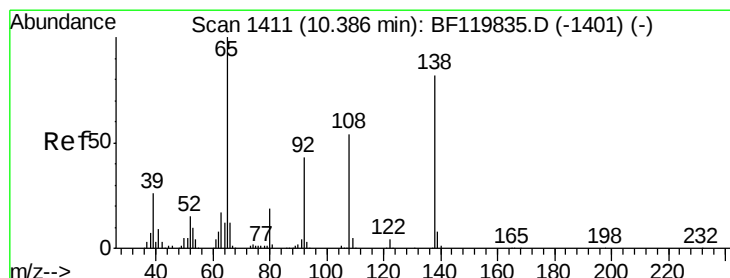
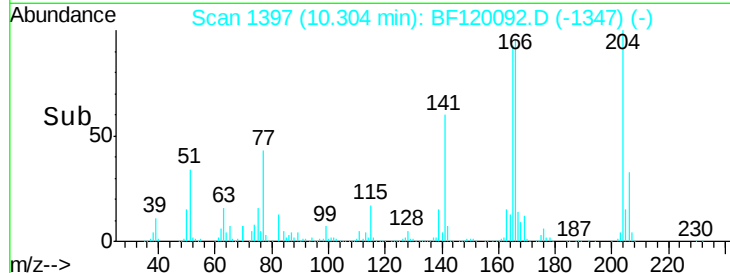
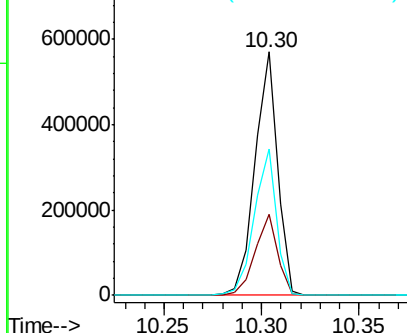
Tot Ion:	204	Resp:	458061
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.7	40.1
141	60.2	45.8	68.8

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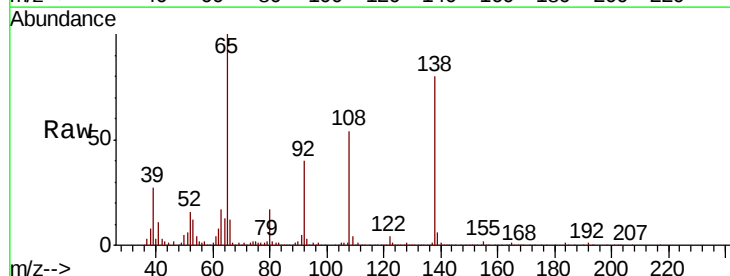


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

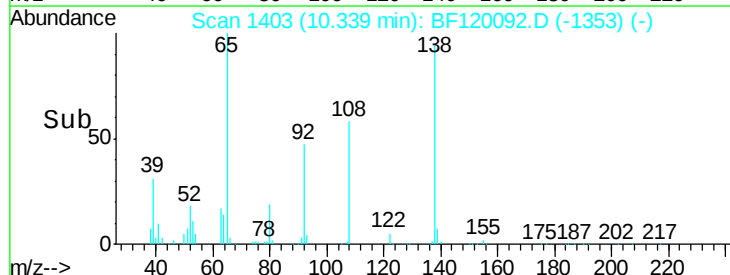
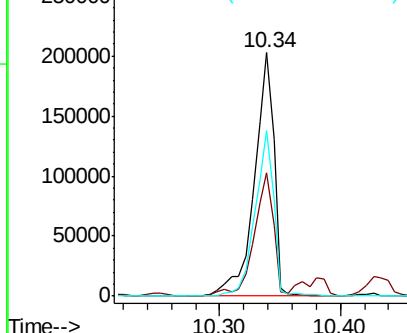


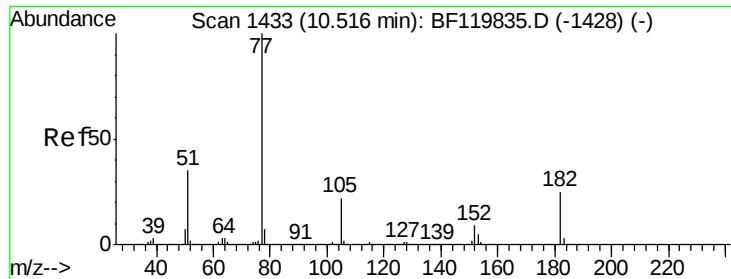
#62
 4-Nitroaniline
 Concen: 46.826 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion:	138	Resp:	231232
Ion Ratio	Lower	Upper	
138	100		
92	50.5	31.6	71.6
108	67.9	45.2	85.2



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





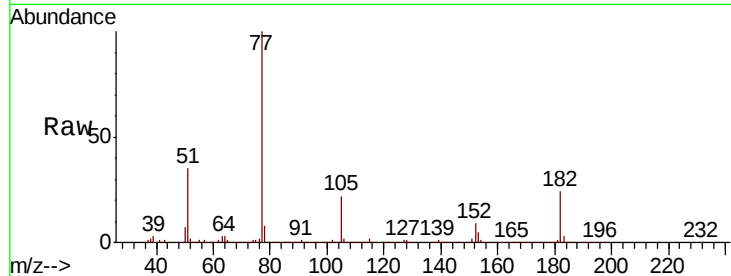
#63
Azobenzene
Concen: 49.869 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		959671		
182	23.7	4.5	44.5		
105	21.9	2.2	42.2		
51	34.7	15.1	55.1		

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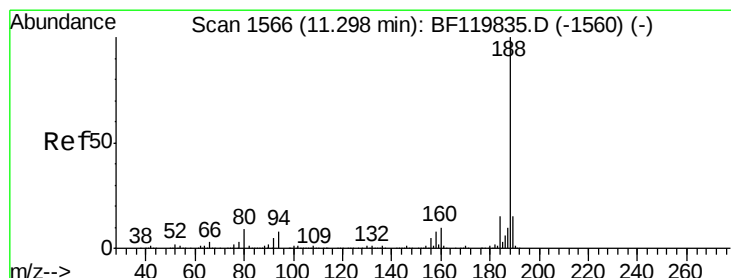
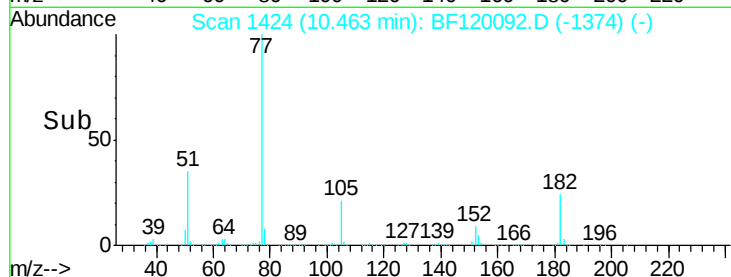
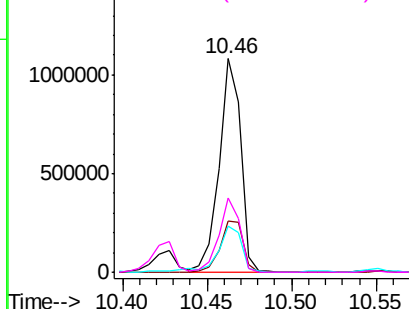


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

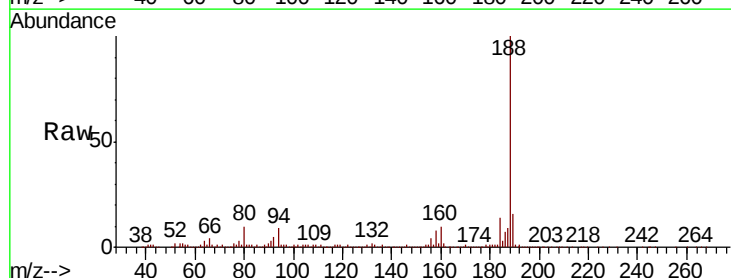
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

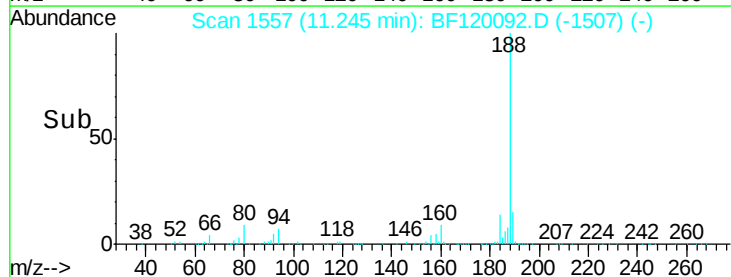
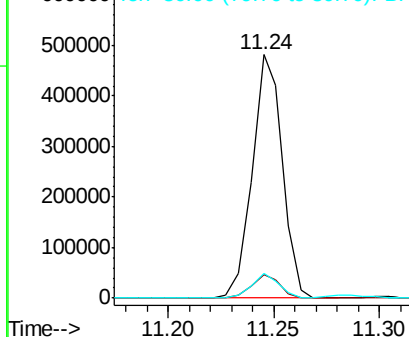
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		476547		
94	9.5	6.7	10.1		
80	9.9	7.4	11.2		

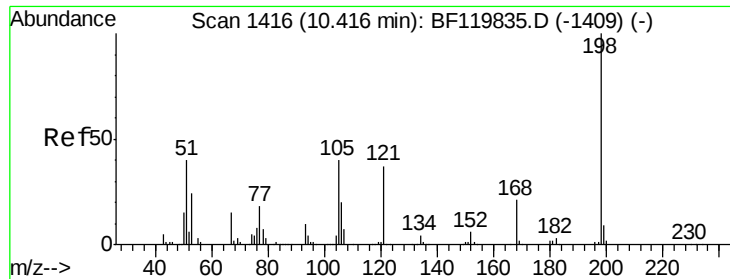


Abundance Ion 188.00 (187.70 to 188.70): E

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: 47.068 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

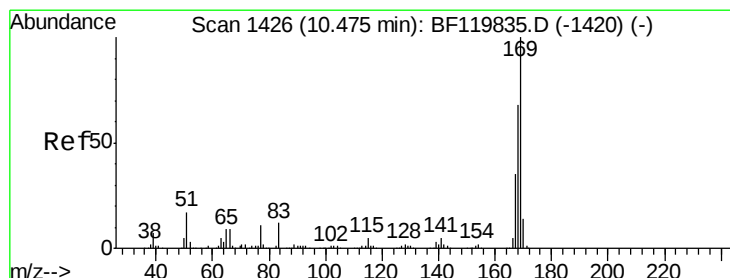
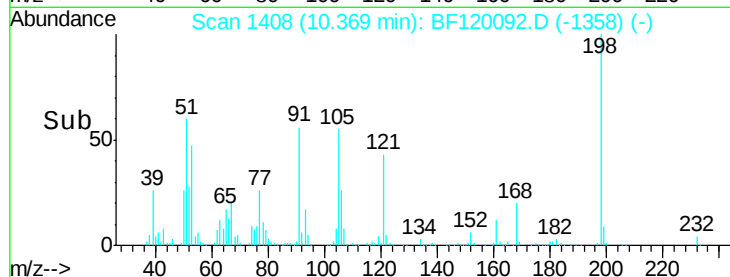
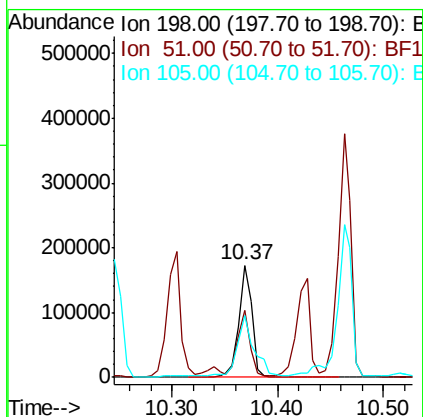
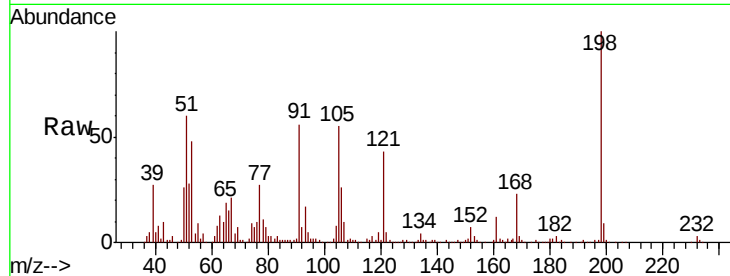
ClientSampled :

WB-4-1MS

Tot Ion:	198	Resp:	147771
Ion Ratio	Lower	Upper	
198	100		
51	59.9	25.2	65.2
105	55.4	20.8	60.8

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#66

n-Nitrosodiphenylamine

Concen: 54.401 ng

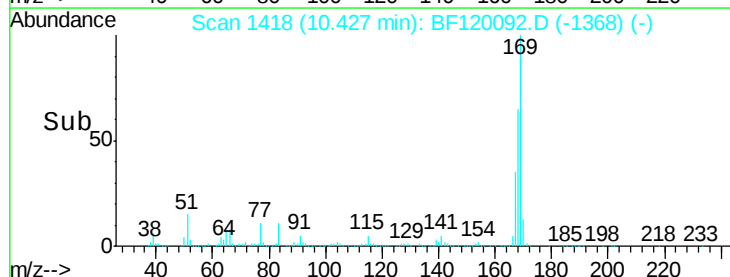
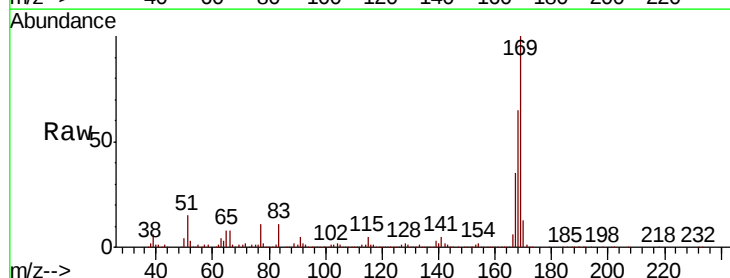
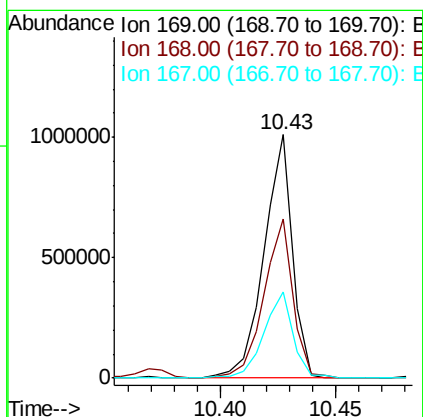
RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	169	Resp:	862175
Ion Ratio	Lower	Upper	
169	100		
168	65.4	54.2	81.4
167	35.3	28.3	42.5





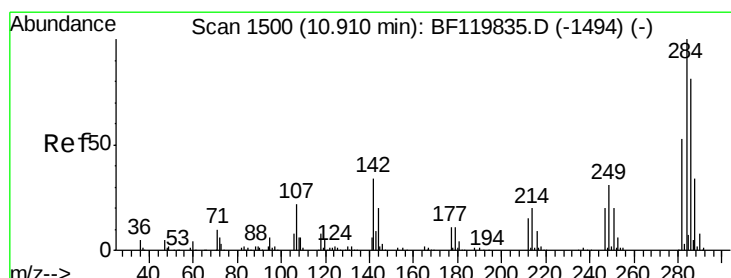
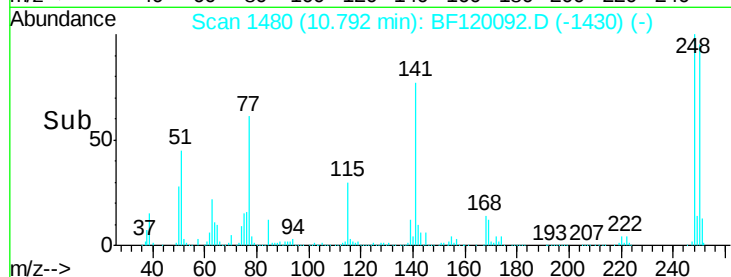
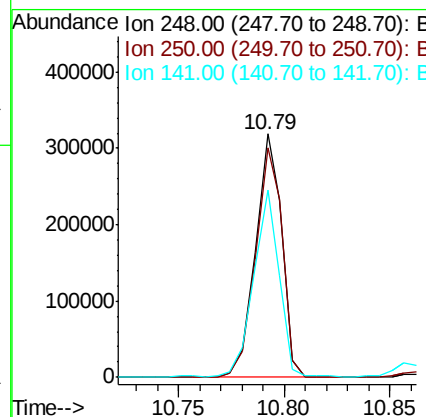
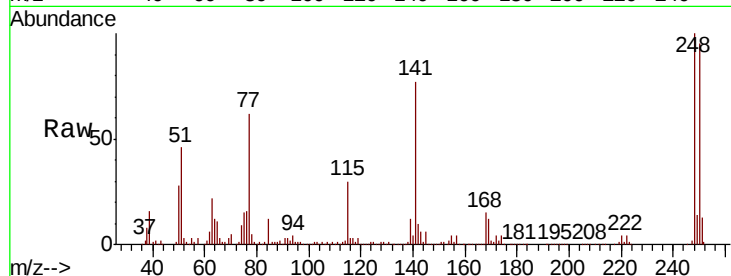
#67
4-Bromophenyl-phenylether
Concen: 46.522 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.6	114.8
141	77.0	55.9	83.9

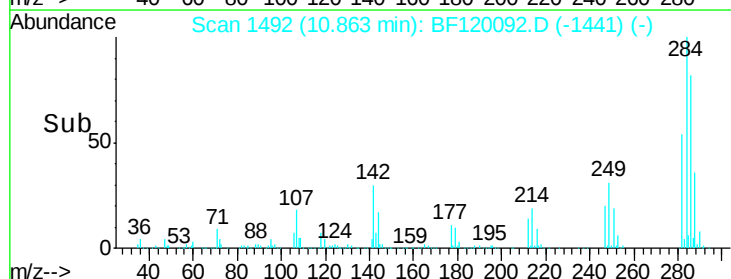
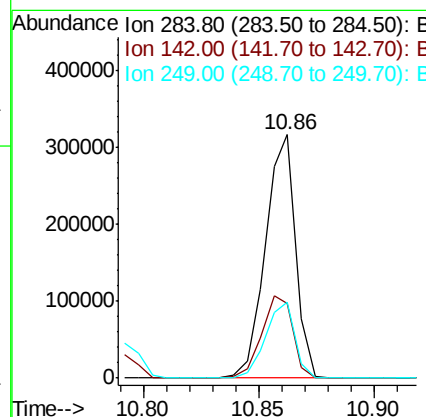
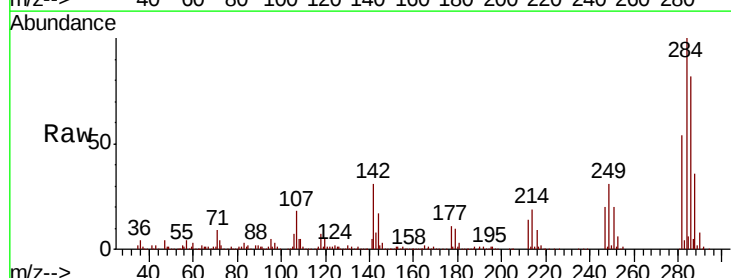
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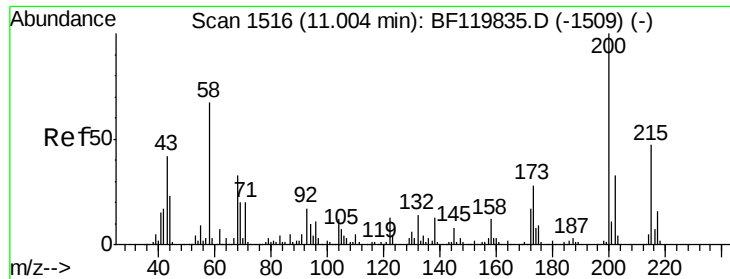
mohammad
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#68
Hexachlorobenzene
Concen: 47.771 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	26.9	40.3
249	31.2	24.6	37.0





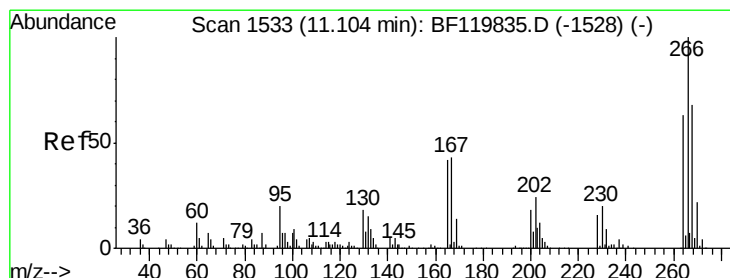
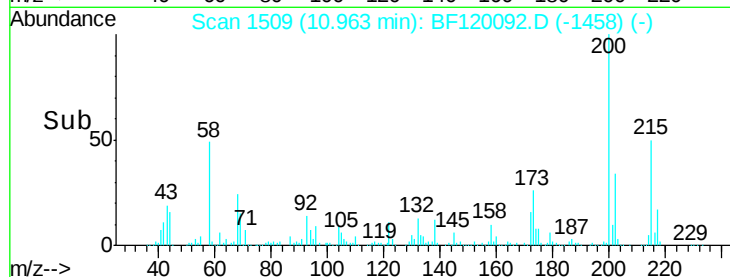
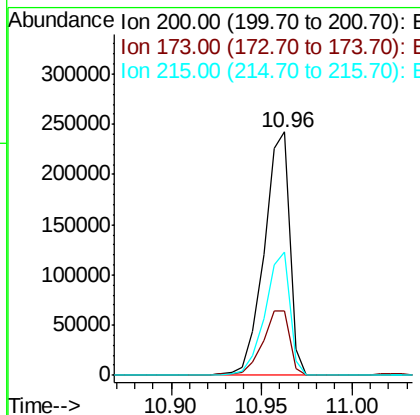
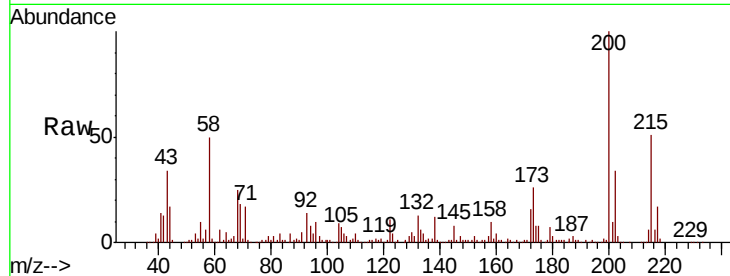
#69
Atrazine
Concen: 53.918 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	237755		
173	26.4	8.0	48.0	
215	50.6	27.1	67.1	

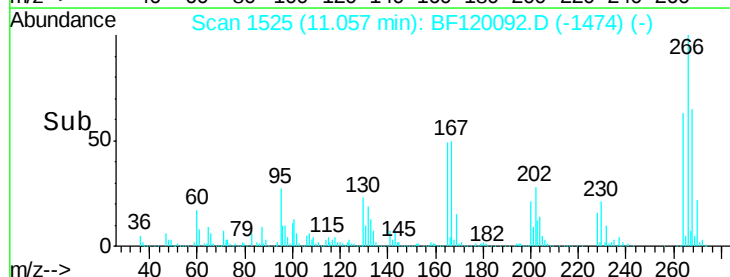
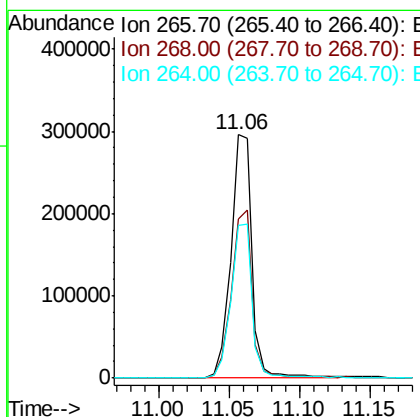
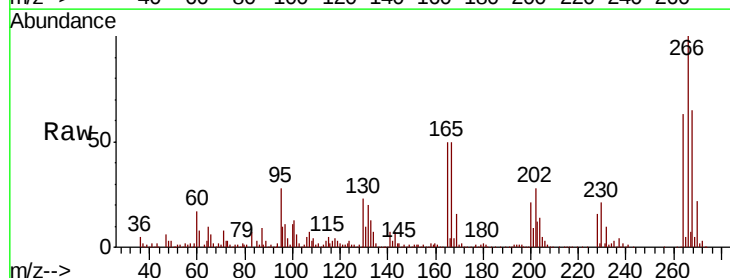
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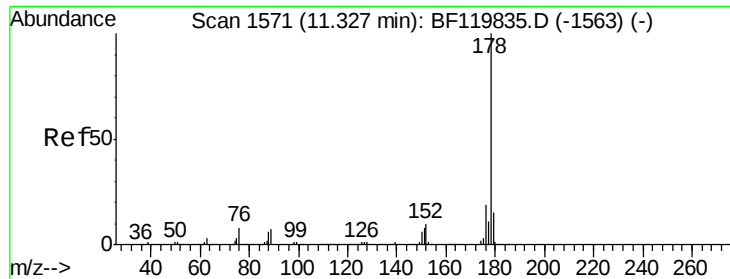
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#70
Pentachlorophenol
Concen: 88.811 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	307696		
268	65.4	54.2	81.4	
264	62.5	50.6	76.0	





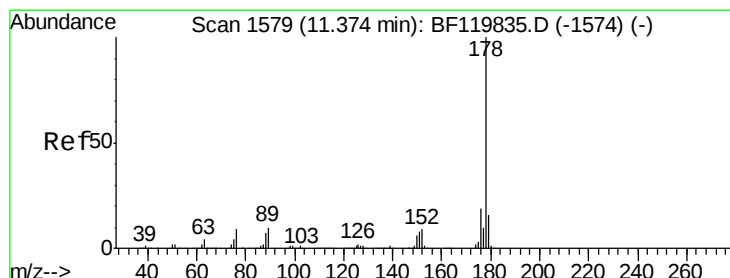
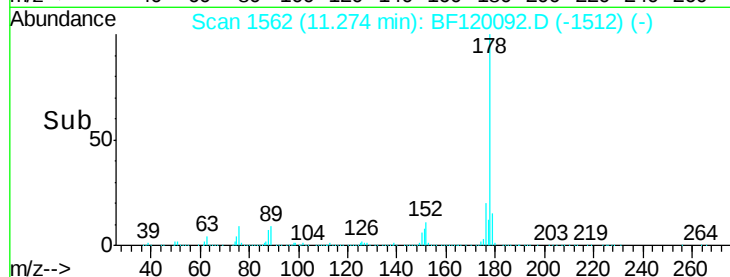
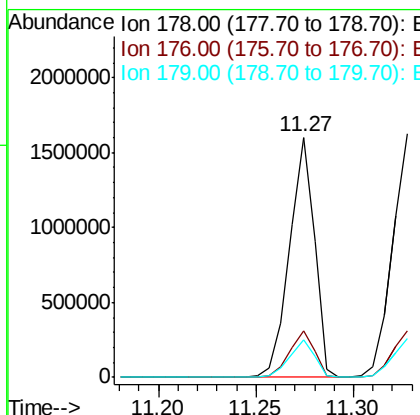
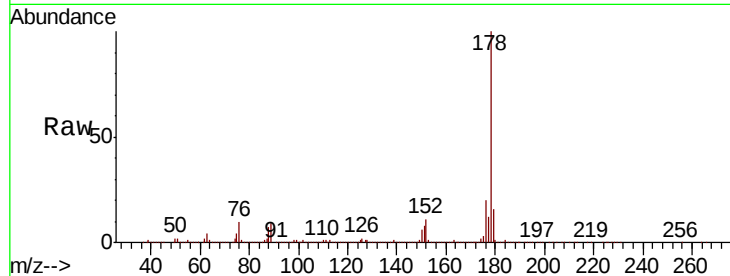
#71
Phenanthrene
Concen: 55.915 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.5	12.2	18.4

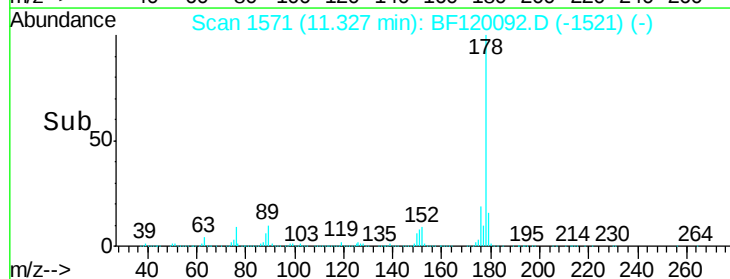
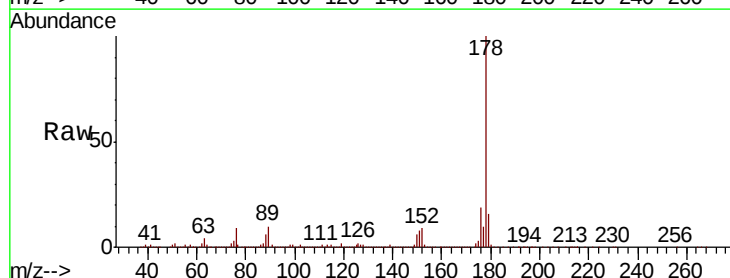
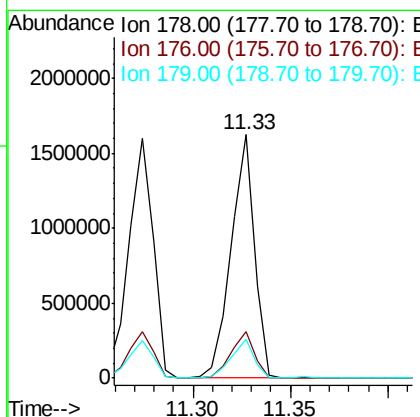
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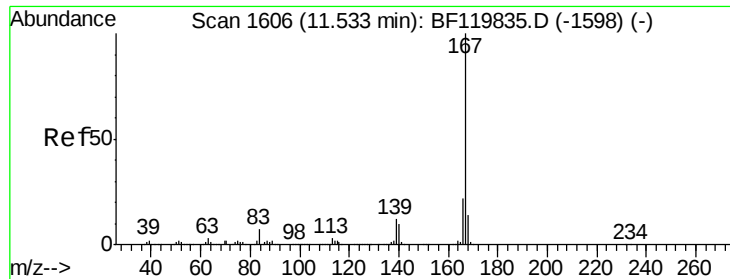
mohammad
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#72
Anthracene
Concen: 52.176 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.8	19.2





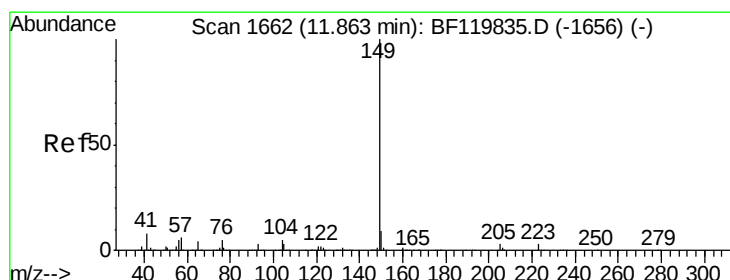
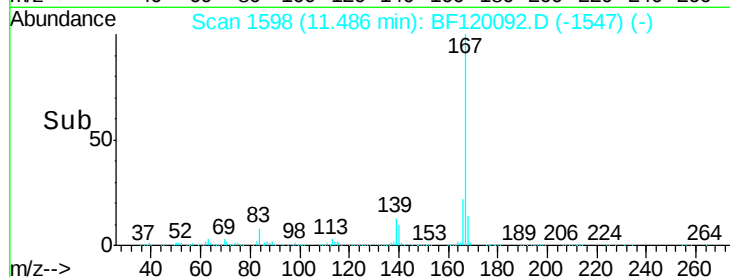
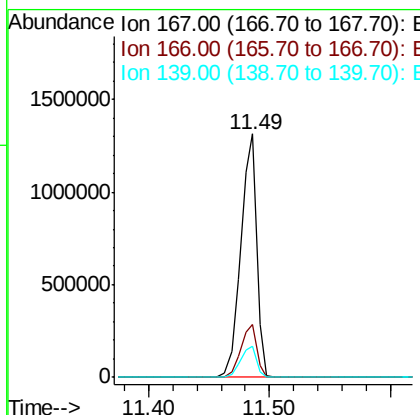
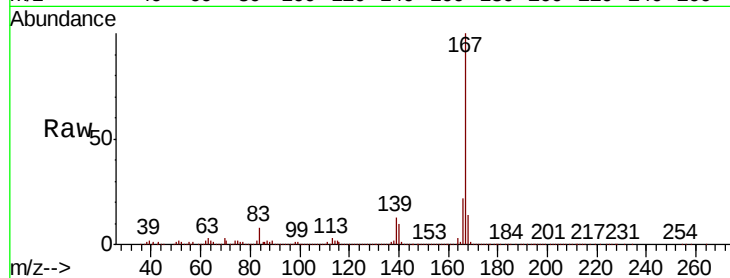
#73
 Carbazole
 Concen: 49.349 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	12.8	9.8	14.8

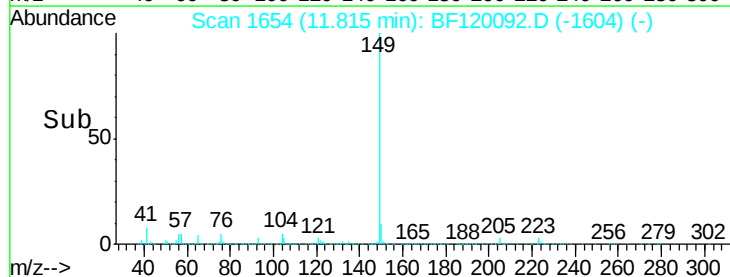
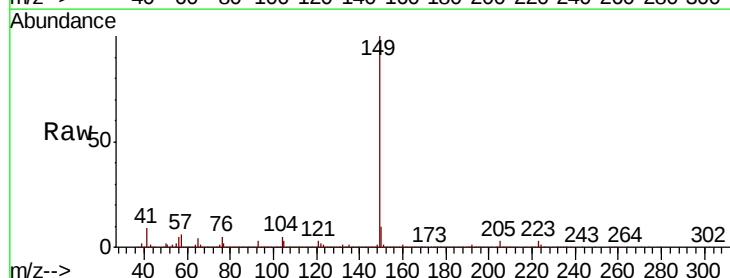
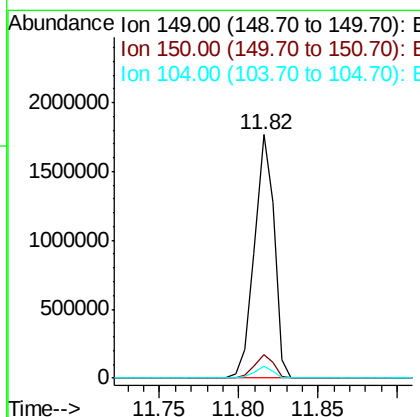
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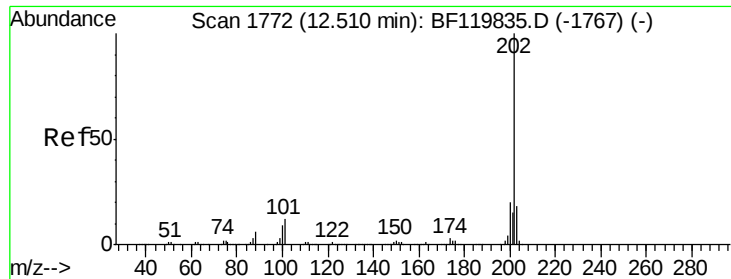
mohammad
 4/21/2020 2:55:11 PM



#74
 Di-n-butylphthalate
 Concen: 47.415 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF120092.D
 Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.8	3.8	5.6





#75

Fluoranthene

Concen: 56.711 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

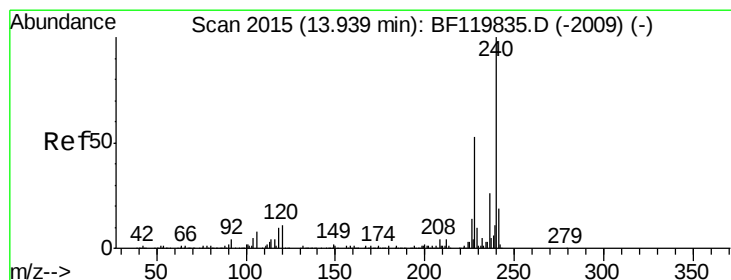
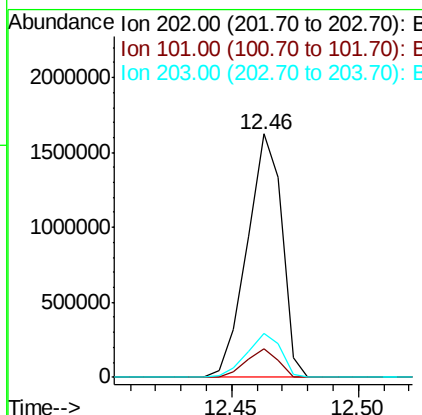
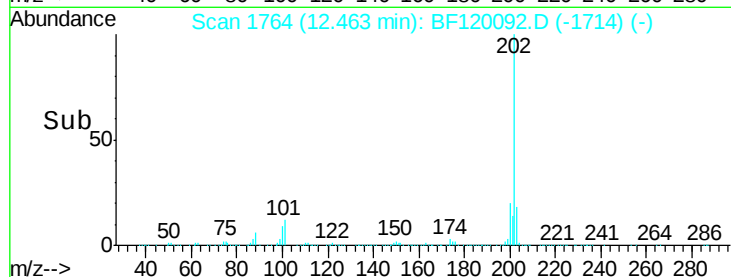
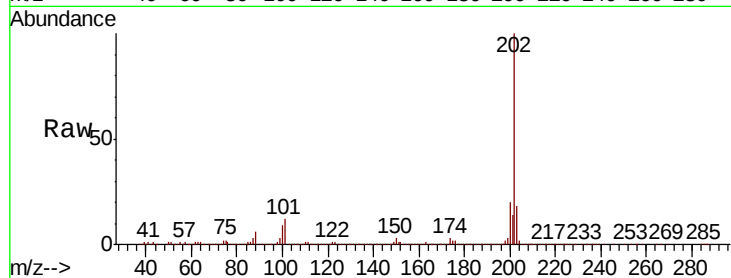
ClientSampleId :

WB-4-1MS

Tot Ion:	202	Resp:	1551924
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	18.0	0.0	37.6

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

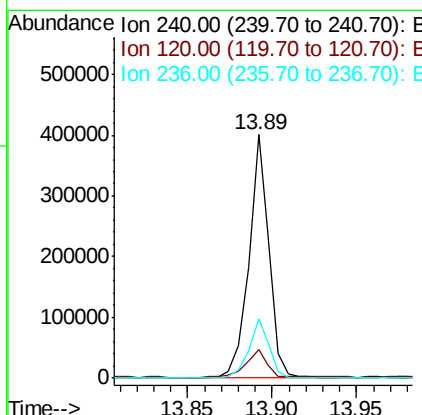
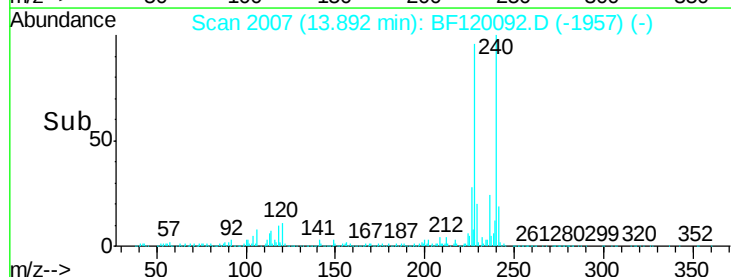
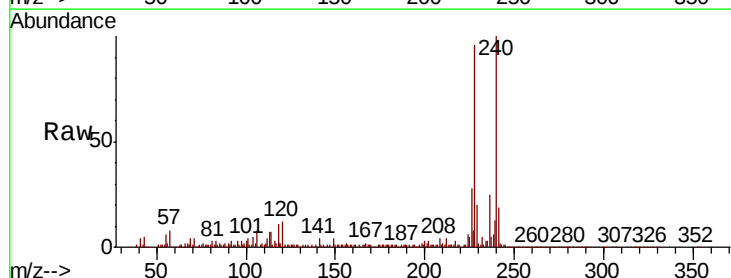
RT: 13.89 min Scan# 2007

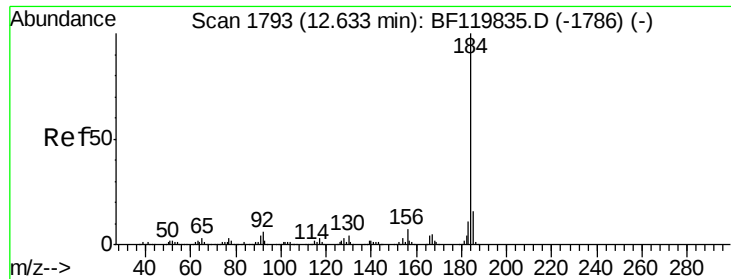
Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	240	Resp:	330245
Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.0	13.6
236	24.6	20.7	31.1





#77

Benzidine

Concen: 40.462 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

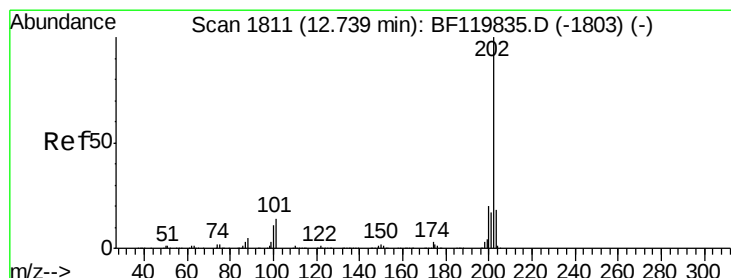
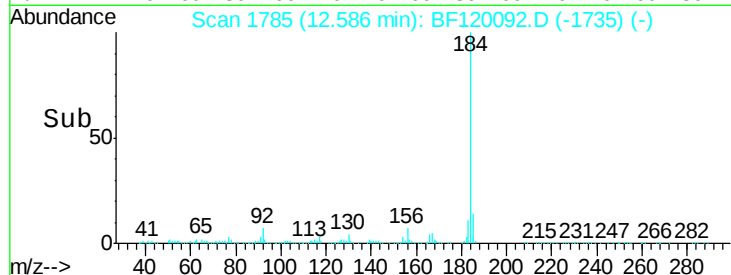
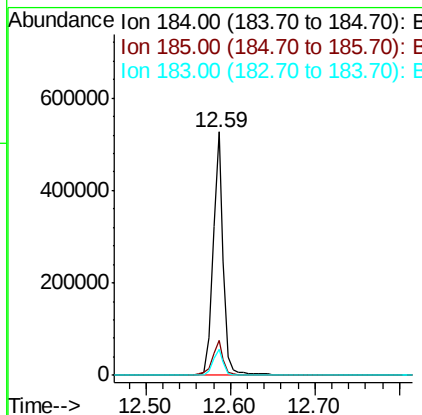
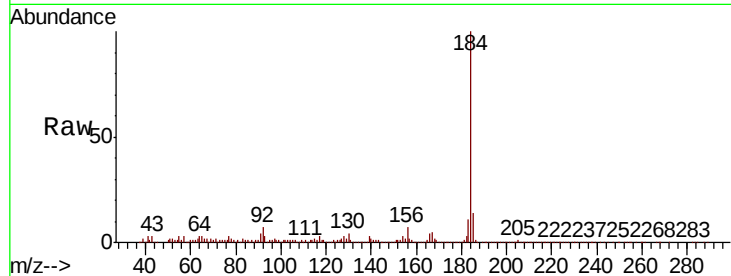
ClientSampleId :

WB-4-1MS

Tot Ion:	184	Resp:	451691
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.2	19.8
183	10.9	9.1	13.7

Manual Integrations
APPROVED

mohammad
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#78

Pyrene

Concen: 54.926 ng

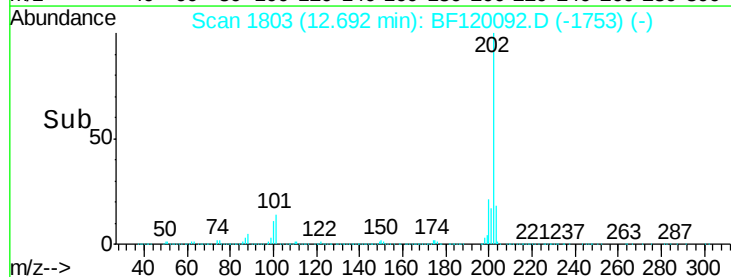
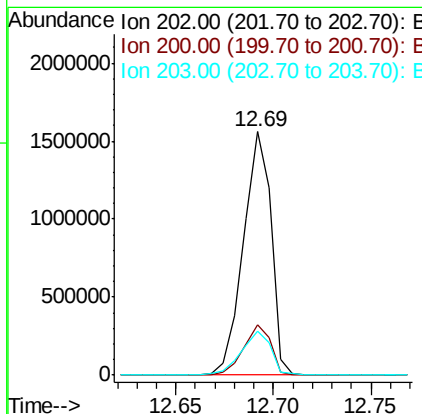
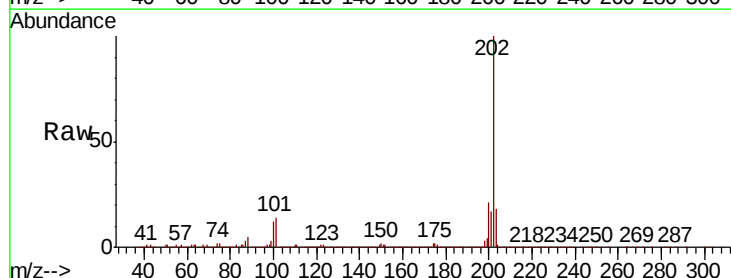
RT: 12.69 min Scan# 1803

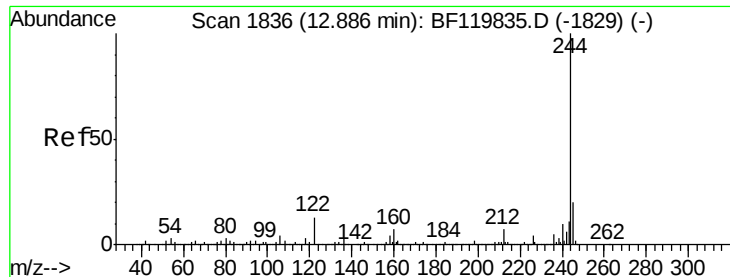
Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	202	Resp:	1529163
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.2	24.2
203	17.9	14.1	21.1





#79

Terphenyl-d14

Concen: 63.982 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

ClientSampleId :

WB-4-1MS

Tot Ion:244 Resp: 1255738

Ion Ratio Lower Upper

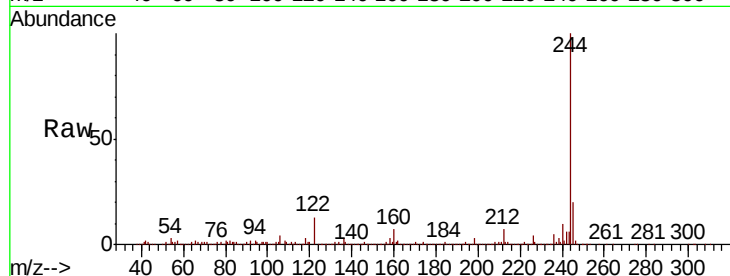
244 100

212 7.0 5.4 8.0

122 12.9 10.3 15.5

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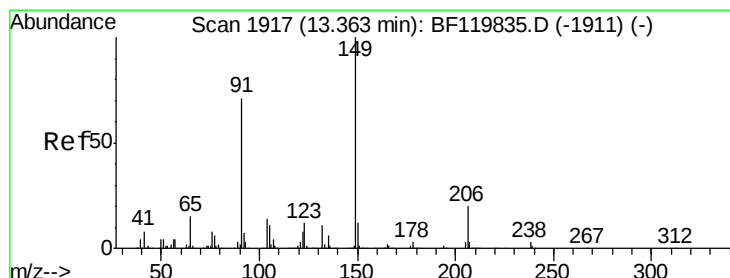
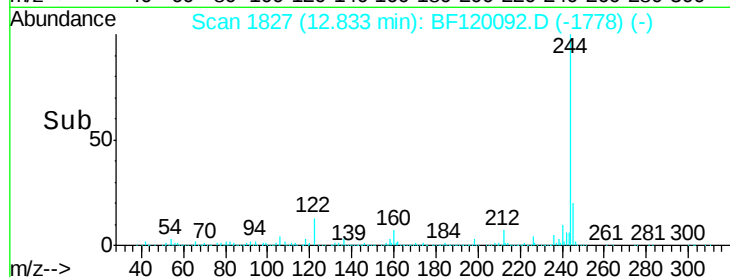
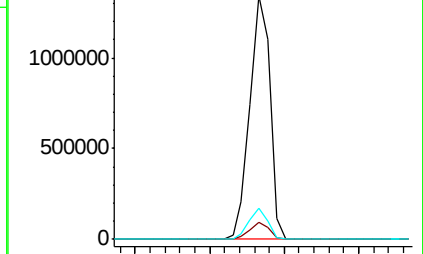
mohammad
4/21/2020 2:55:11 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.071 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

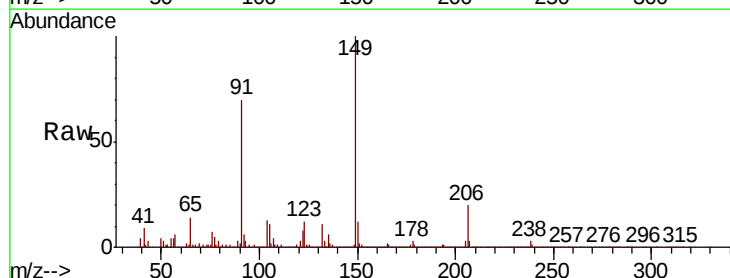
Tgt Ion:149 Resp: 649397

Ion Ratio Lower Upper

149 100

91 69.7 56.7 85.1

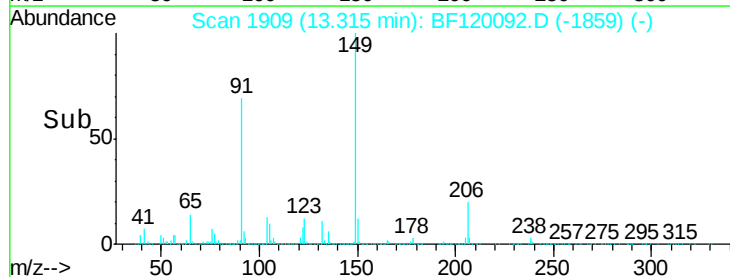
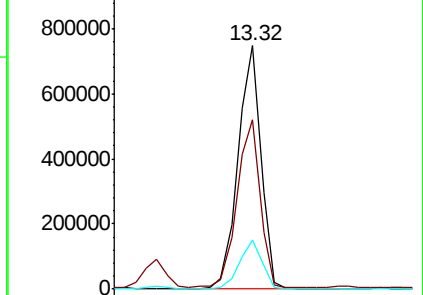
206 20.0 15.7 23.5

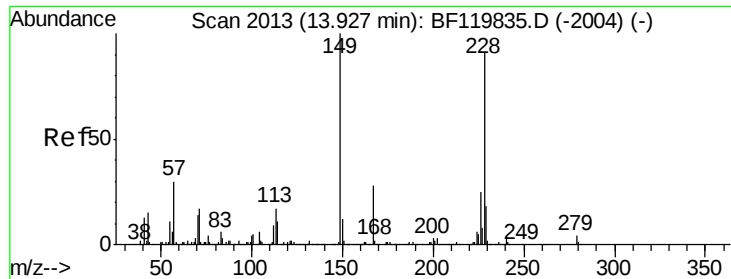


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





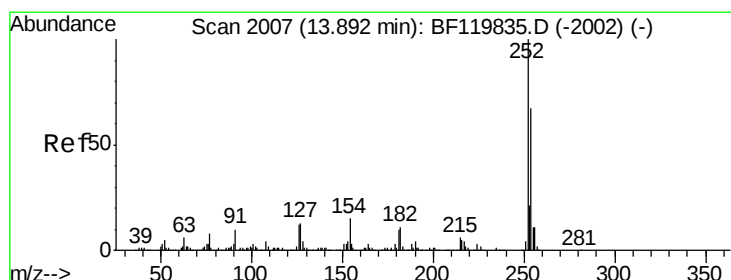
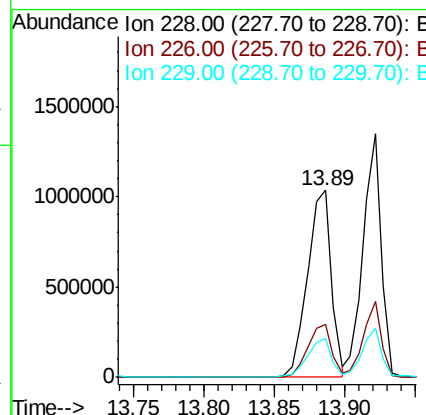
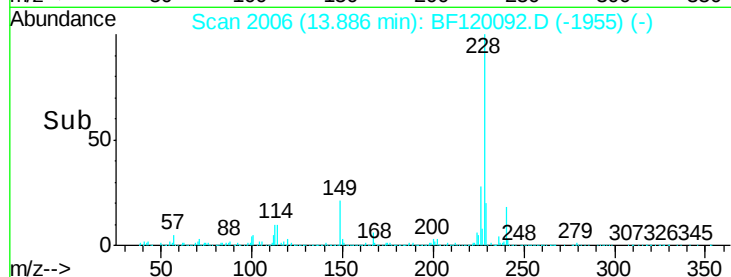
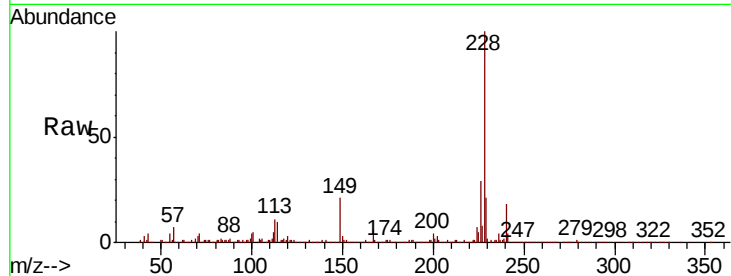
#81
Benzo(a)anthracene
Concen: 55.335 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.9	32.9
229	20.8	15.9	23.9

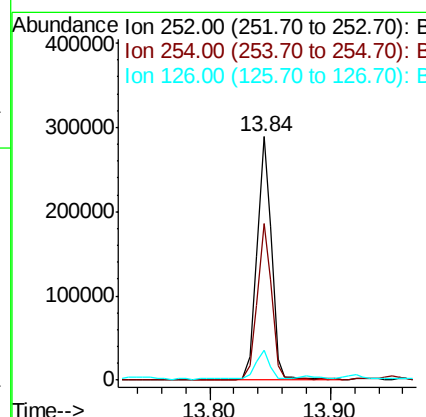
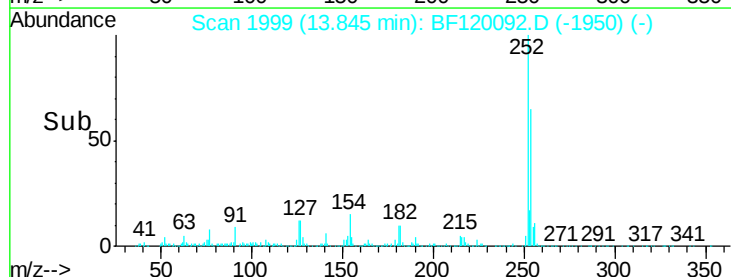
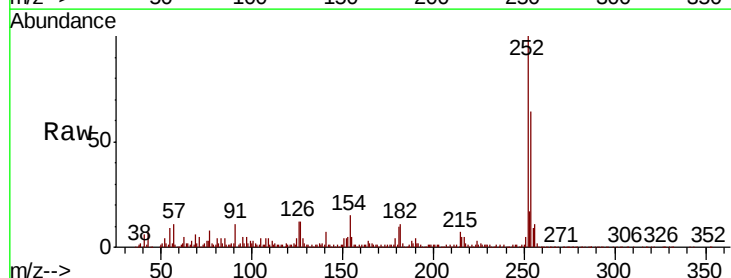
Manual Integrations
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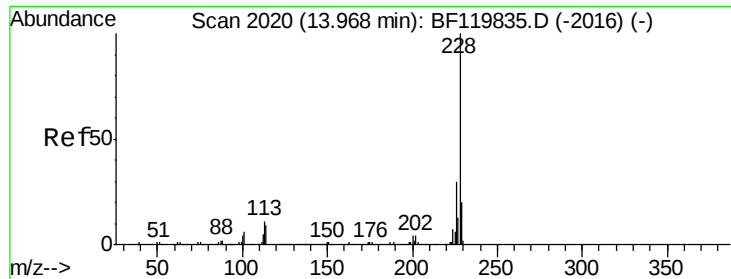
mohammad
4/21/2020 2:55:11 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.737 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.9	80.9
126	12.5	9.7	14.5





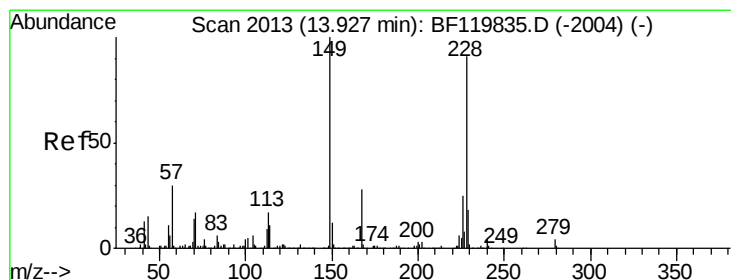
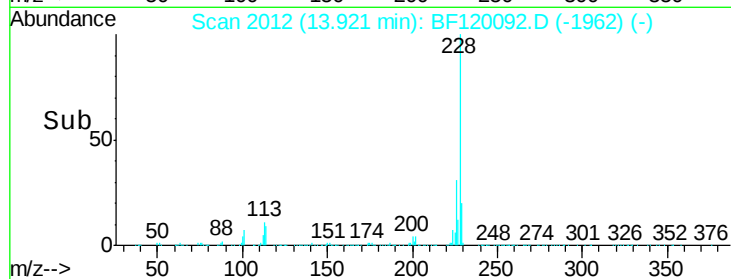
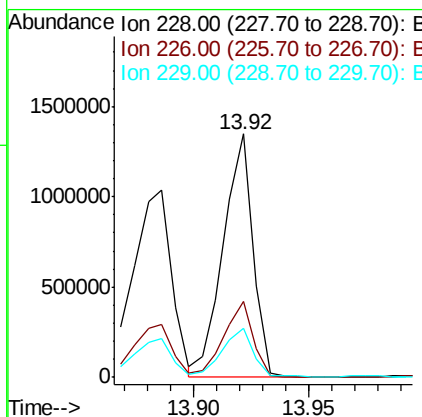
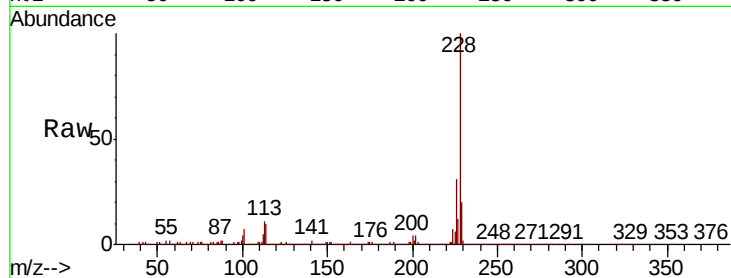
#83
Chrysene
Concen: 54.393 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	20.2	15.9	23.9

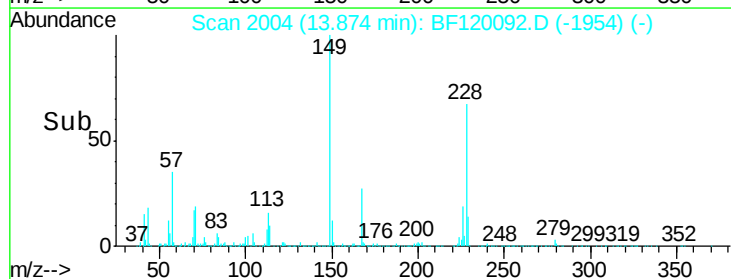
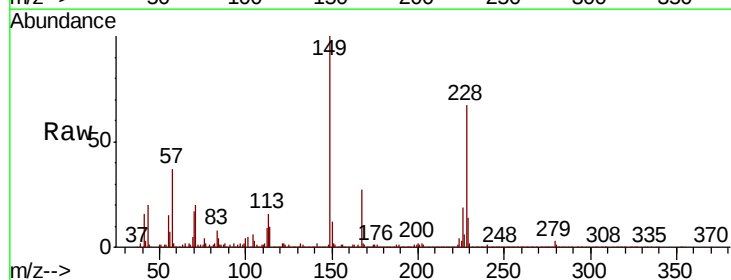
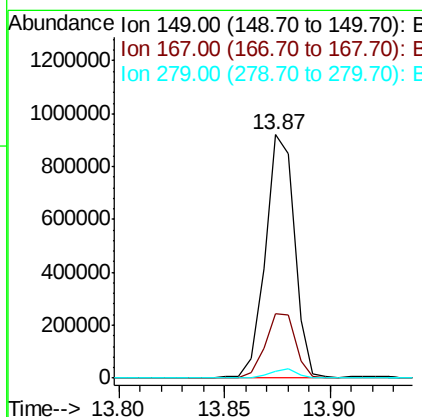
Manual Integrations
APPROVED

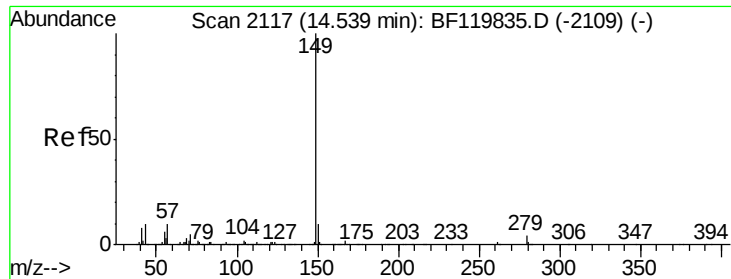
mohammad
4/21/2020 2:55:11 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.875 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	3.0	3.4	5.0





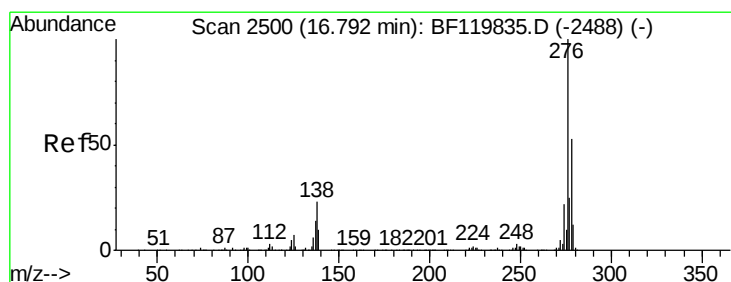
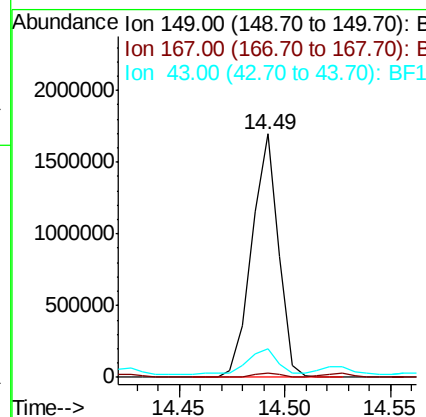
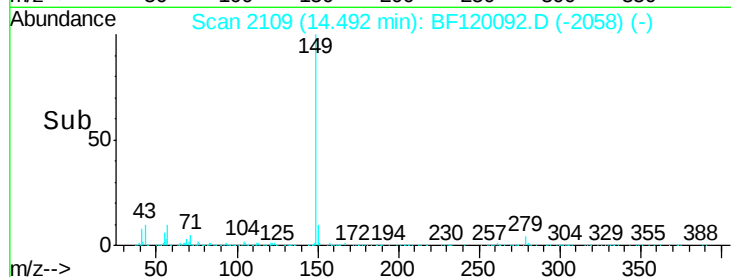
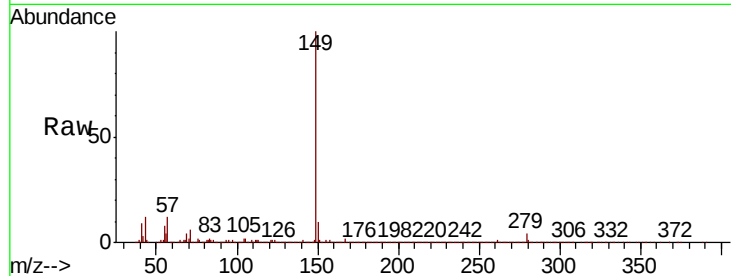
#85
Di-n-octyl phthalate
Concen: 47.323 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

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

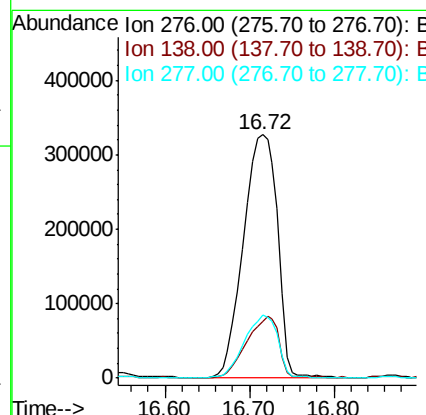
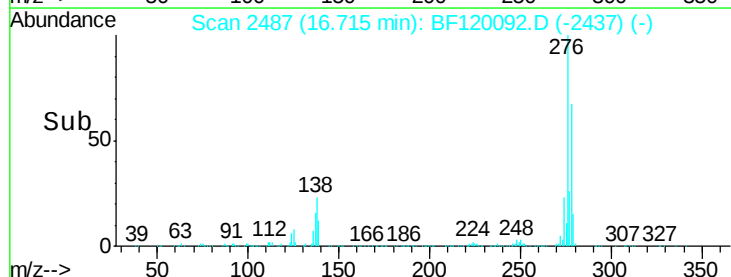
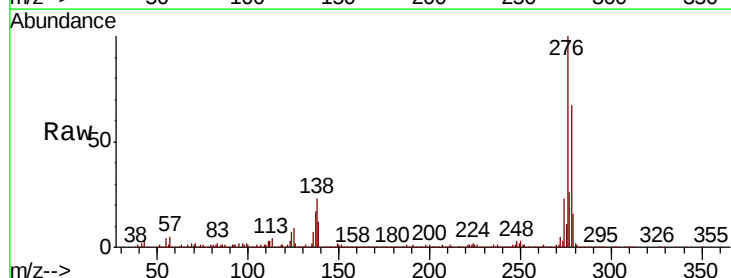
Manual Integrations
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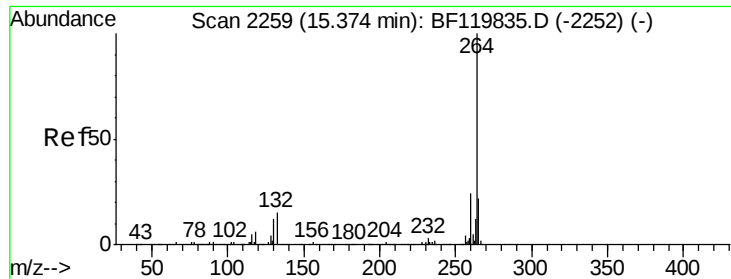
mohammad
4/21/2020 2:55:11 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.034 ng
RT: 16.72 min Scan# 2487
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.0	27.0
277	24.8	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: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

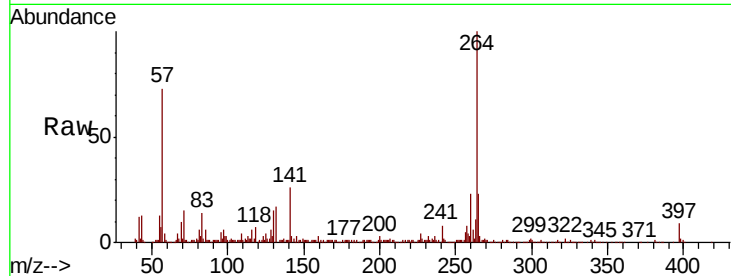
ClientSampleId :

WB-4-1MS

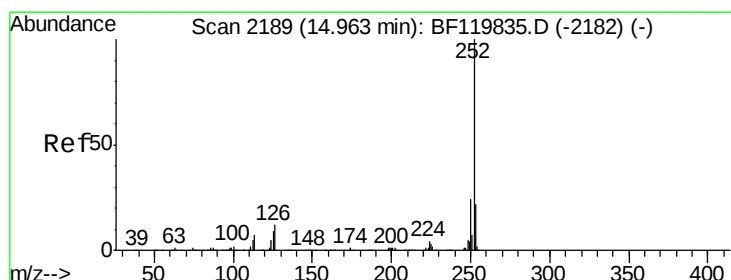
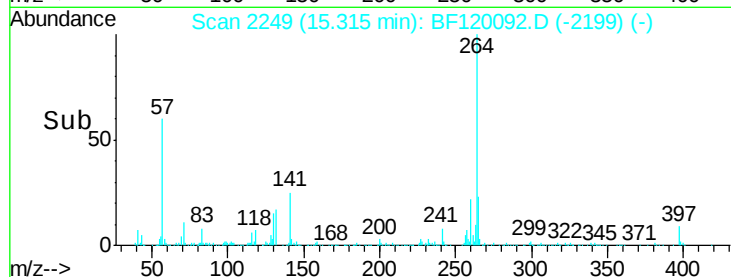
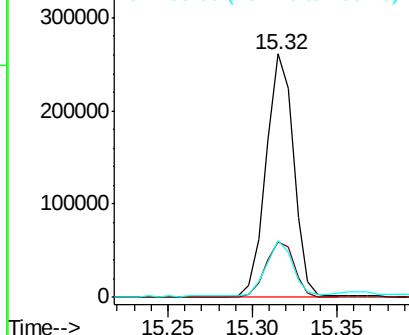
Tot Ion:	264	Resp:	294469
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.3	28.9
265	23.4	17.6	26.4

Manual Integrations
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4/21/2020 2:55:11 PM



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: 55.483 ng

RT: 14.92 min Scan# 2181

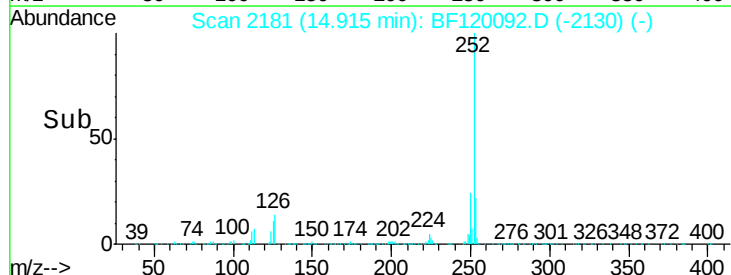
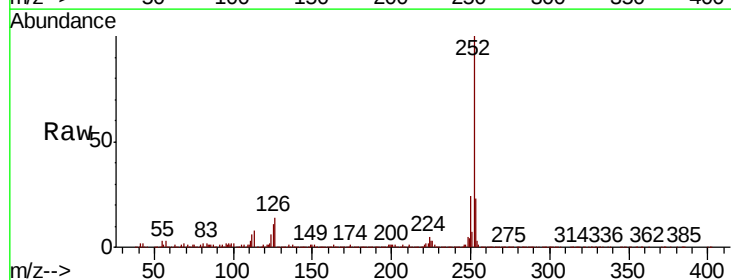
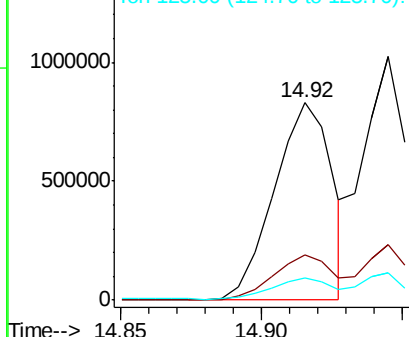
Delta R.T. -0.00 min

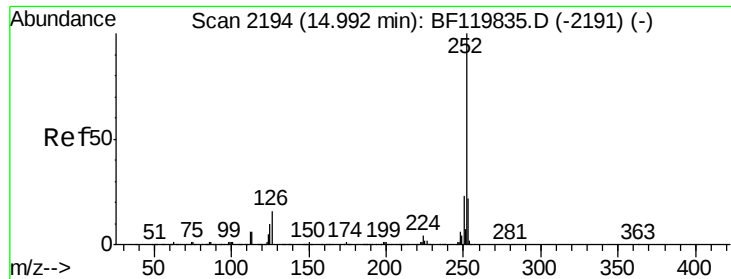
Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	252	Resp:	1175308
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	11.2	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





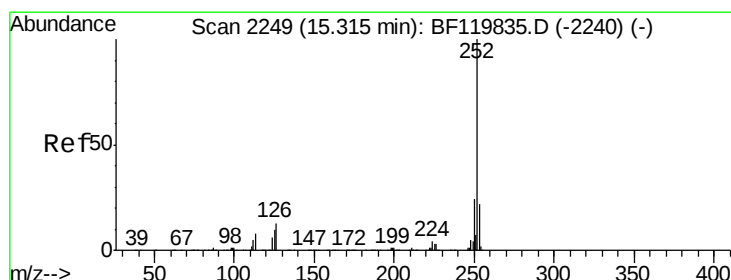
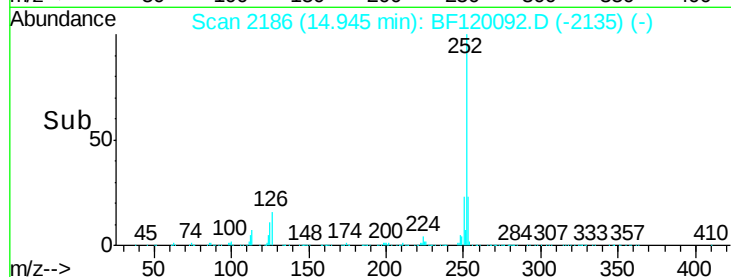
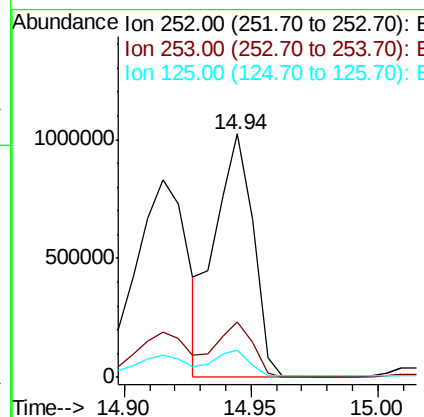
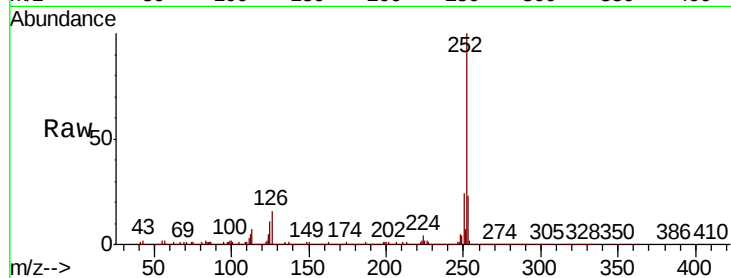
#89
Benzo(k)fluoranthene
Concen: 57.835 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Instrument :
BNA_F
ClientSampleId :
WB-4-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.3	7.7	11.5

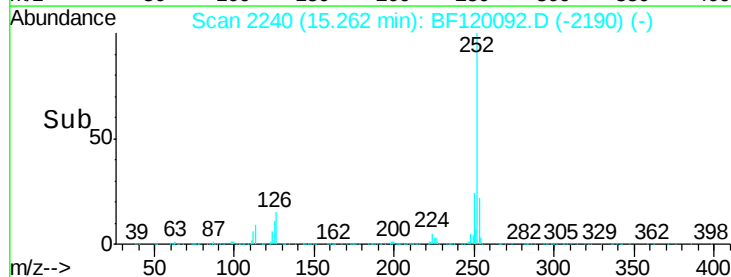
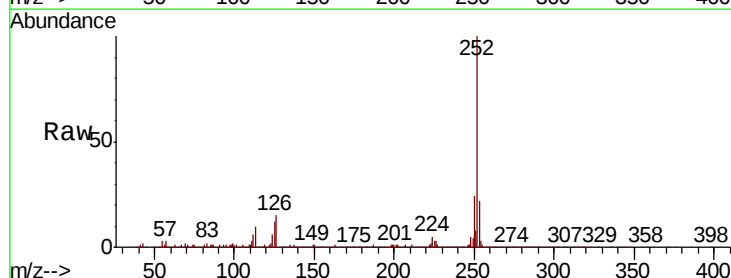
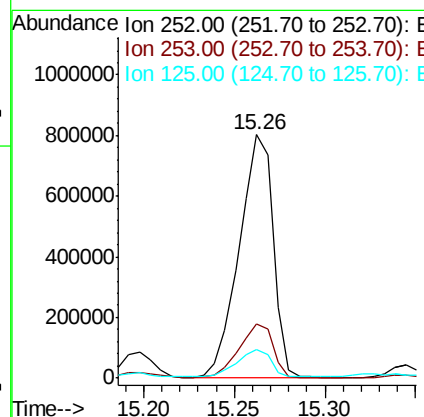
Manual Integrations
APPROVED

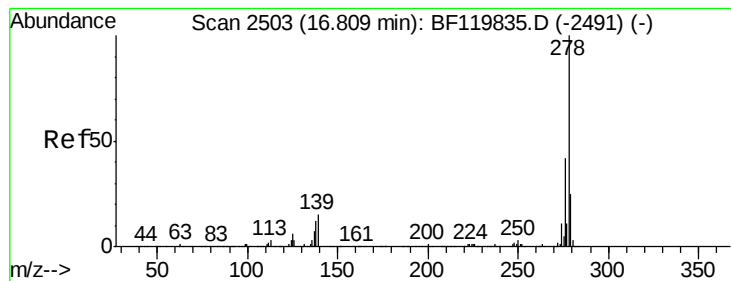
mohammad
4/21/2020 2:55:11 PM



#90
Benzo(a)pyrene
Concen: 58.750 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120092.D
Acq: 20 Apr 2020 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.6	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.393 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Instrument :

BNA_F

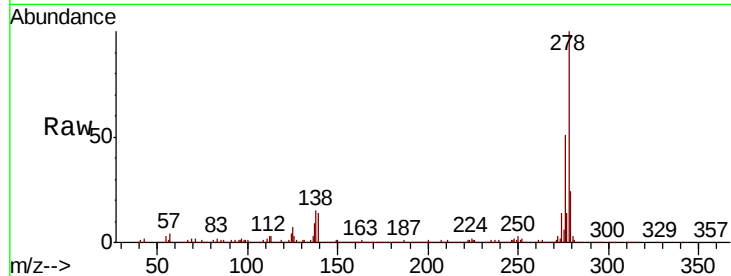
ClientSampleId :

WB-4-1MS

Tot Ion:	278	Resp:	716164
Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.6	17.4
279	24.1	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/21/2020 2:55:11 PM

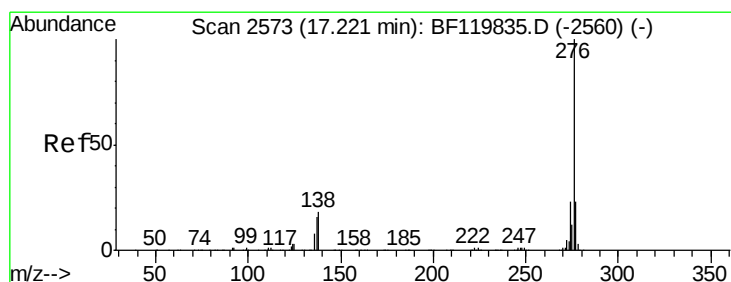
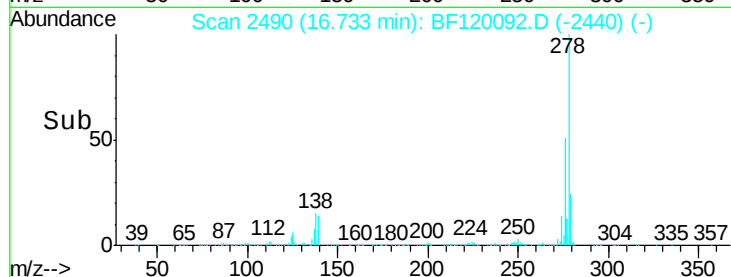
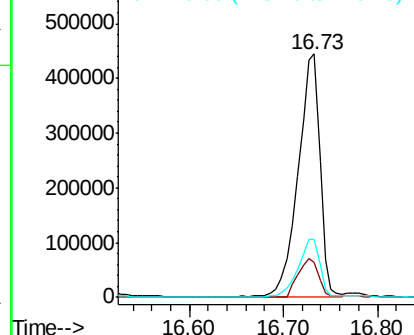


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.127 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF120092.D

Acq: 20 Apr 2020 21:51

Tgt Ion:	276	Resp:	780643
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	19.9	14.6	22.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

