

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120061.D
 Acq On : 17 Apr 2020 16:08
 Operator : MA/SJ
 Sample : L2271-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Manual Integrations
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mohammad
 4/21/2020 8:22:33 AM

Quant Time: Apr 18 03:08:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	194775	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	738110	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	340515	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	522964	20.00	ng	0.00
76) Chrysene-d12	13.90	240	308156	20.00	ng	0.00
87) Perylene-d12	15.33	264	290625	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1014699	90.03	ng	0.02
7) Phenol-d6	6.37	99	1266599	87.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	864719	60.61	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	288594	69.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1624682	67.74	ng	0.00
79) Terphenyl-d14	12.85	244	1181143	64.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	218940	43.615	ng	97
3) Pyridine	3.17	79	606706	44.051	ng	99
4) n-Nitrosodimethylamine	3.14	42	350620	49.825	ng	97
6) Aniline	6.40	93	553339	29.030	ng	# 81
8) 2-Chlorophenol	6.52	128	707609	56.191	ng	97
9) Benzaldehyde	6.27	77	321384	42.261	ng	99
10) Phenol	6.39	94	879667	53.392	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	687500	54.043	ng	99
12) 1,3-Dichlorobenzene	6.67	146	708438	51.386	ng	99
13) 1,4-Dichlorobenzene	6.75	146	714257	50.859	ng	100
14) 1,2-Dichlorobenzene	6.90	146	666095	51.465	ng	99
15) Benzyl Alcohol	6.88	79	572586	50.762	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1146407	46.311	ng	89
17) 2-Methylphenol	7.00	107	553186	49.224	ng	96
18) Hexachloroethane	7.24	117	255861	48.749	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	478405	51.228	ng	97
20) 3+4-Methylphenols	7.15	107	682110	49.628	ng	94
22) Acetophenone	7.15	105	928949	53.746	ng	# 97
24) Nitrobenzene	7.32	77	727081	50.658	ng	100
25) Isophorone	7.56	82	1334817	48.532	ng	100
26) 2-Nitrophenol	7.63	139	370743	51.703	ng	95
27) 2,4-Dimethylphenol	7.68	122	575810	53.244	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	854541	52.801	ng	99
29) 2,4-Dichlorophenol	7.88	162	546152	49.269	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	607383	48.357	ng	99
31) Naphthalene	8.04	128	1901917	48.975	ng	99
32) Benzoic acid	7.84	122	457459	48.164	ng	96
33) 4-Chloroaniline	8.10	127	239072	14.141	ng	96
34) Hexachlorobutadiene	8.16	225	355488	47.280	ng	100
35) Caprolactam	8.48	113	165717m	48.871	ng	
36) 4-Chloro-3-methylphenol	8.59	107	587505	48.952	ng	99
37) 2-Methylnaphthalene	8.73	142	1258718	47.809	ng	98
38) 1-Methylnaphthalene	8.83	142	1178252	47.480	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	559392	52.013	ng	99

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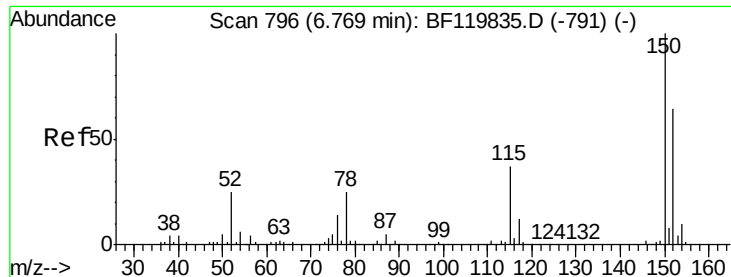
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	251626	41.145	nq	95
43) 2,4,6-Trichlorophenol	9.02	196	390821	52.623	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	403223	48.205	nq	99
46) 1,1'-Biphenyl	9.20	154	1464989	50.971	nq	98
47) 2-Chloronaphthalene	9.22	162	1130036	51.038	nq	98
48) 2-Nitroaniline	9.32	65	390448	48.663	nq	98
49) Acenaphthylene	9.64	152	1684770	50.035	nq	99
50) Dimethylphthalate	9.51	163	1594534	60.540	nq	98
51) 2,6-Dinitrotoluene	9.57	165	284104	49.258	nq	89
52) Acenaphthene	9.81	154	1079614m	48.065	nq	
53) 3-Nitroaniline	9.73	138	166638	25.297	nq	93
54) 2,4-Dinitrophenol	9.84	184	145601	42.165	nq	94
55) Dibenzofuran	9.98	168	1502206	48.737	nq	100
56) 4-Nitrophenol	9.91	139	408426	83.331	nq	98
57) 2,4-Dinitrotoluene	9.97	165	341549	44.947	nq	94
58) Fluorene	10.33	166	1126127	45.684	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	298538	46.665	nq	99
60) Diethylphthalate	10.20	149	1354644	49.624	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	566307	44.823	nq	98
62) 4-Nitroaniline	10.35	138	246500	39.266	nq	97
63) Azobenzene	10.47	77	1188139	48.567	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	96297	27.950	nq	99
66) n-Nitrosodiphenylamine	10.44	169	1025088	58.939	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	334993	51.509	nq	94
68) Hexachlorobenzene	10.87	284	333753	50.587	nq	97
69) Atrazine	10.97	200	295099	60.983	nq	96
70) Pentachlorophenol	11.07	266	337336	88.724	nq	99
71) Phenanthrene	11.29	178	1397898	50.225	nq	99
72) Anthracene	11.34	178	1443482	50.768	nq	99
73) Carbazole	11.49	167	1249446	46.469	nq	99
74) Di-n-butylphthalate	11.83	149	1855272	52.487	nq	99
75) Fluoranthene	12.47	202	1287362	42.868	nq	98
77) Benzidine	12.60	184	385761	37.033	nq	97
78) Pyrene	12.70	202	1262456	48.597	nq	99
80) Butylbenzylphthalate	13.33	149	610080	48.398	nq	99
81) Benzo(a)anthracene	13.89	228	1018879	50.259	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	247236	32.685	nq	95
83) Chrysene	13.93	228	1037706	50.377	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	836188	48.985	nq	# 98
85) Di-n-octyl phthalate	14.50	149	1452561	49.976	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	884121	48.692	nq	98
88) Benzo(b)fluoranthene	14.92	252	1086169m	51.953	nq	
89) Benzo(k)fluoranthene	14.95	252	885875	49.109	nq	99
90) Benzo(a)pyrene	15.27	252	880592	50.095	nq	100
91) Dibenzo(a,h)anthracene	16.74	278	736566	47.304	nq	98
92) Benzo(g,h,i)perylene	17.14	276	693887	45.146	nq	96

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



#1

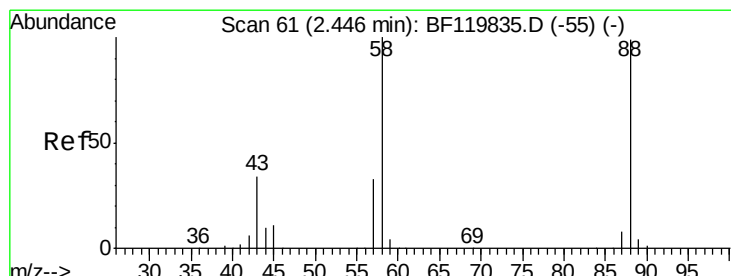
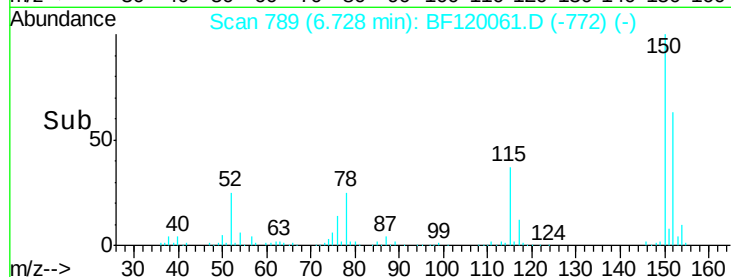
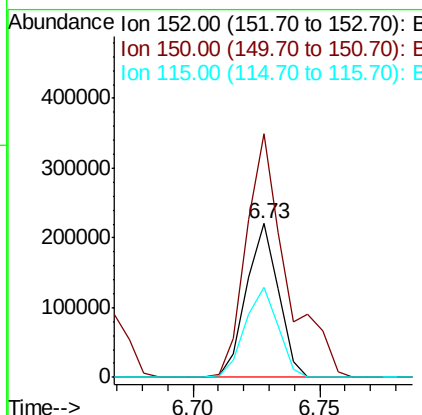
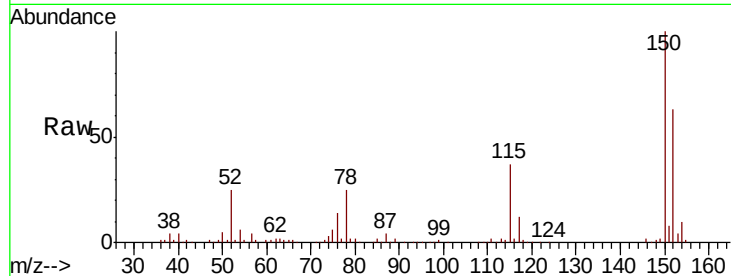
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.8	187.2
115	58.9	46.5	69.7

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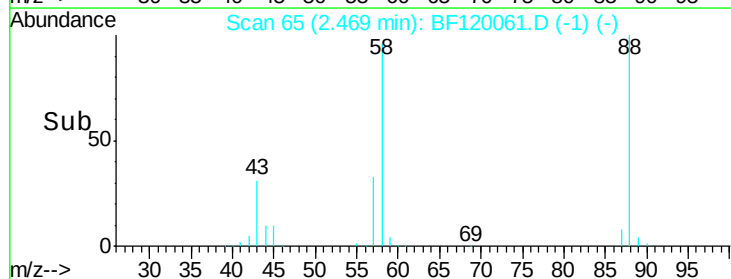
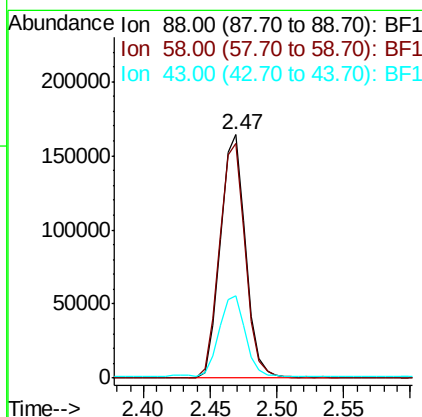
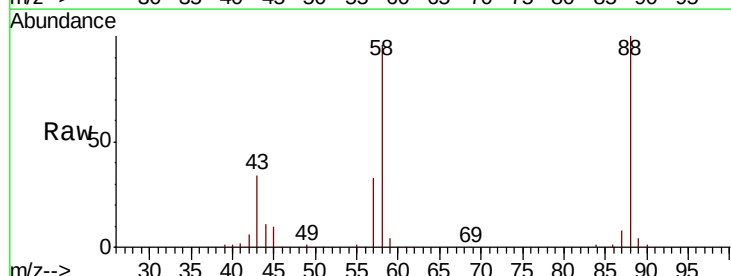
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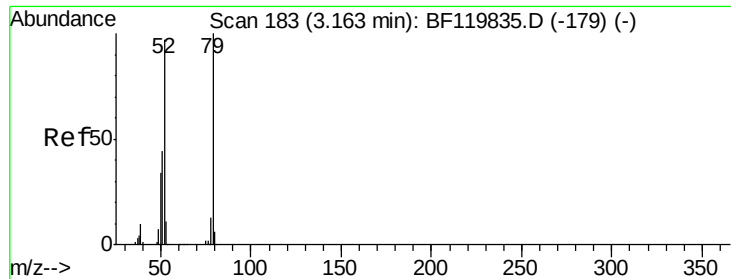


#2

1,4-Dioxane
Concen: 43.615 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.09 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	82.6	123.8
43	35.1	28.6	42.8





#3

Pvridine

Concen: 44.051 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.09 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

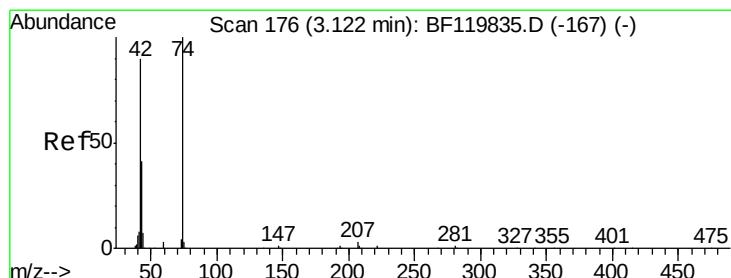
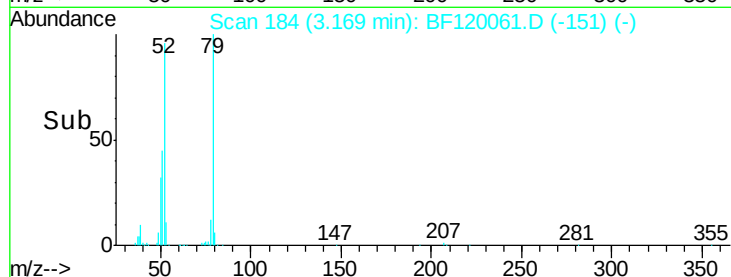
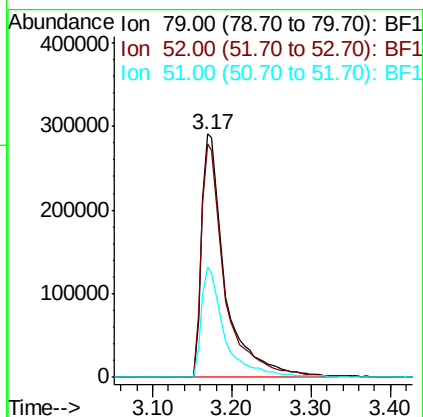
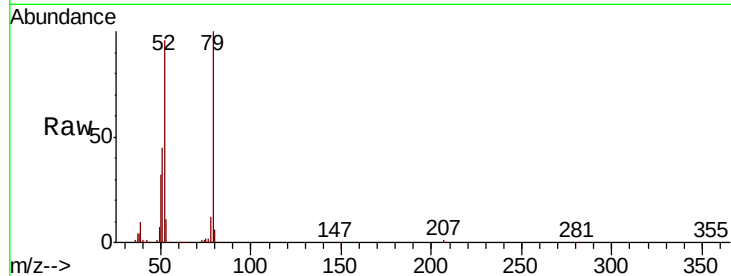
ClientSampleId :

BG-4MS

Tot Ion:	79	Resp:	606706
Ion	Ratio	Lower	Upper
79	100		
52	95.8	77.4	116.0
51	45.2	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 49.825 ng

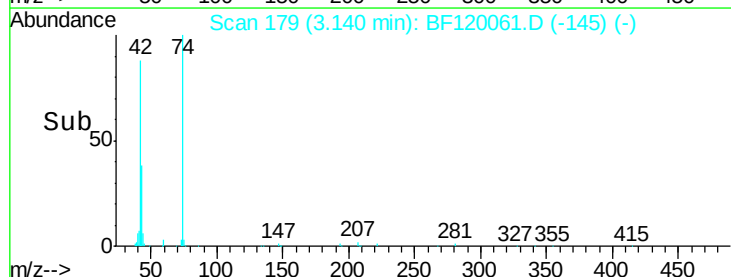
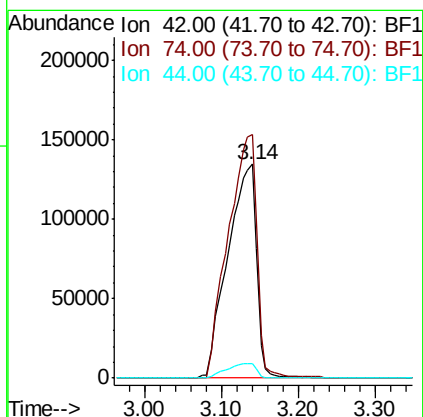
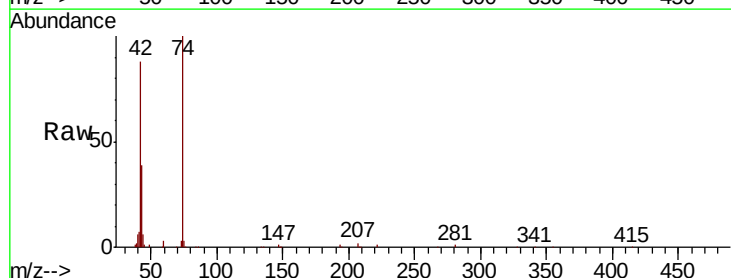
RT: 3.14 min Scan# 179

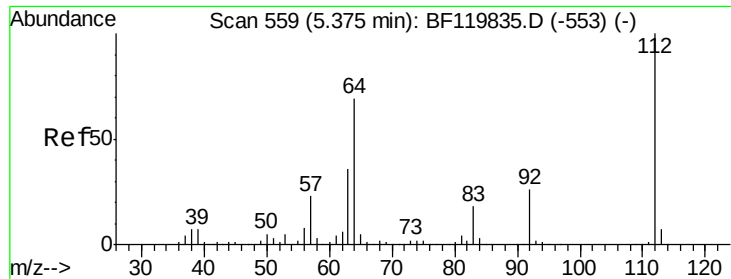
Delta R.T. 0.10 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	42	Resp:	350620
Ion	Ratio	Lower	Upper
42	100		
74	114.0	89.0	133.4
44	7.1	6.2	9.4





#5

2-Fluorophenol

Concen: 90.031 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

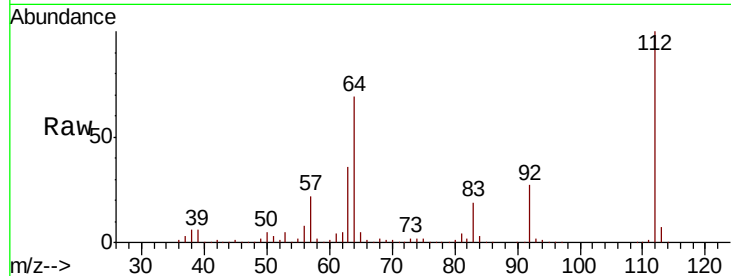
ClientSampleId :

BG-4MS

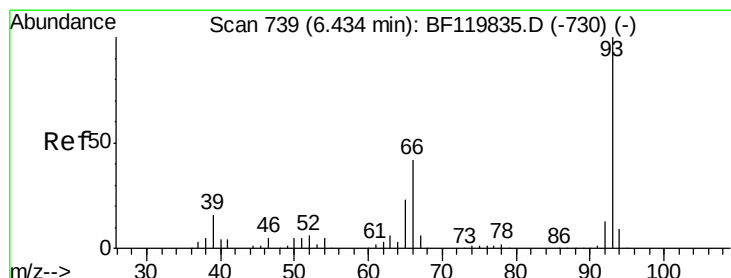
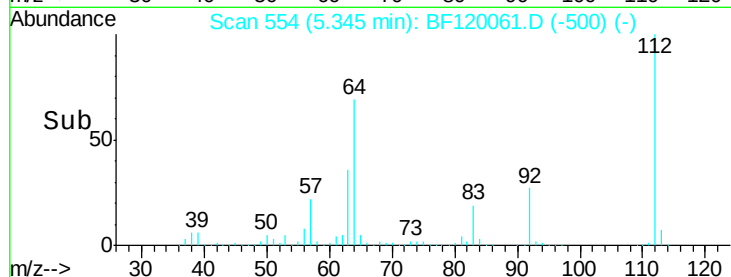
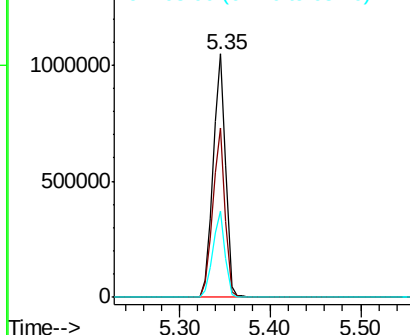
Tot Ion:	112	Resp:	1014699
Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	35.5	29.1	43.7

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



#6

Aniline

Concen: 29.030 ng

RT: 6.40 min Scan# 733

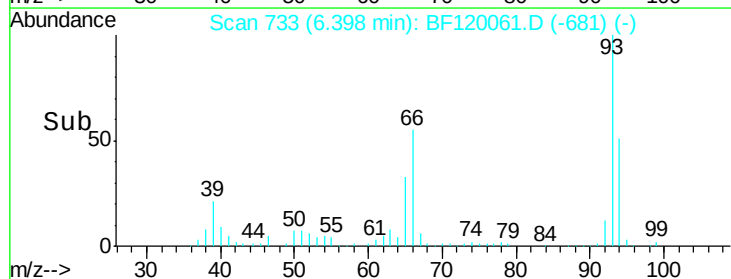
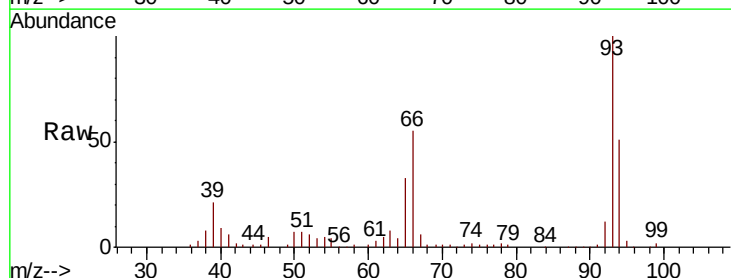
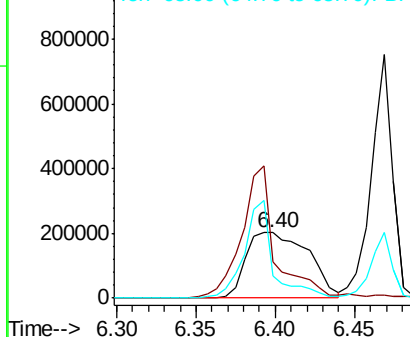
Delta R.T. 0.01 min

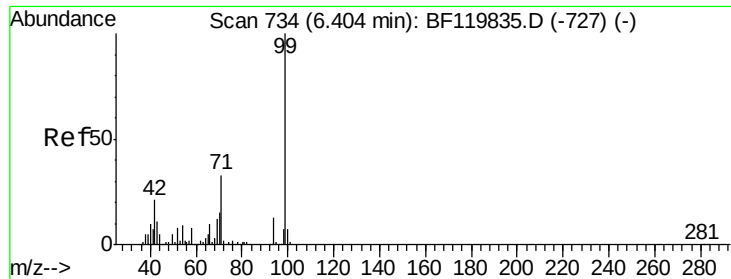
Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	93	Resp:	553339
Ion	Ratio	Lower	Upper
93	100		
66	54.7	34.2	51.2#
65	32.9	18.3	27.5#

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





#7

Phenol-d6

Concen: 87.216 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion: 99 Resp: 1266599

Ion Ratio Lower Upper

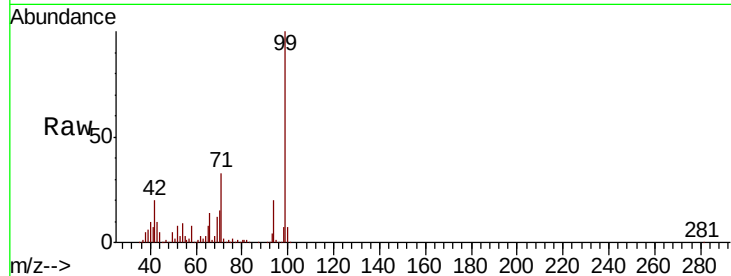
99 100

42 19.9 16.9 25.3

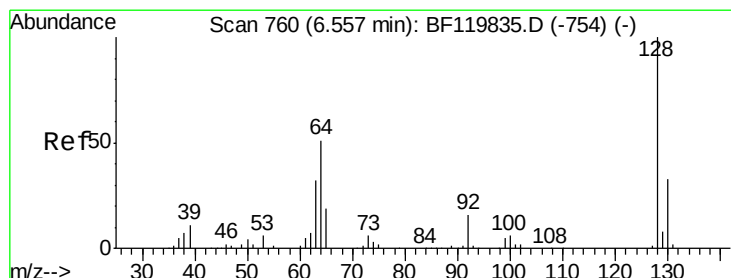
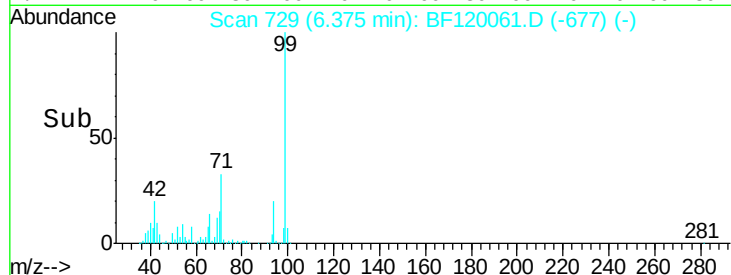
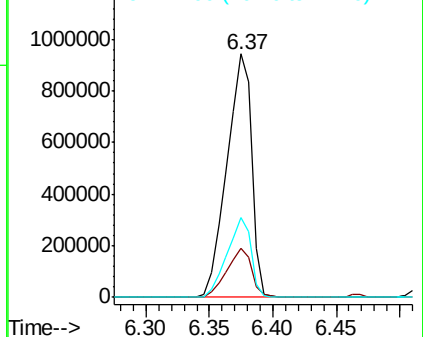
71 32.8 26.3 39.5

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 56.191 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

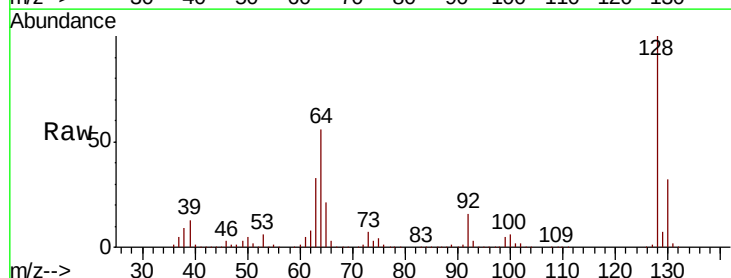
Tgt Ion: 128 Resp: 707609

Ion Ratio Lower Upper

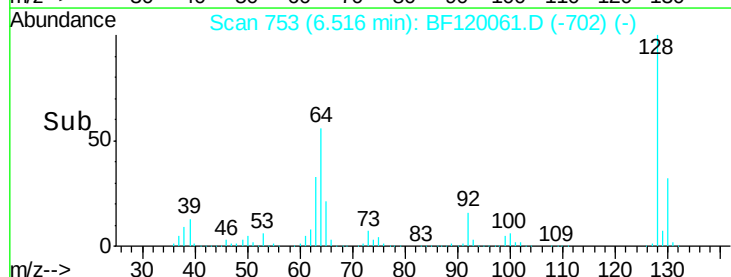
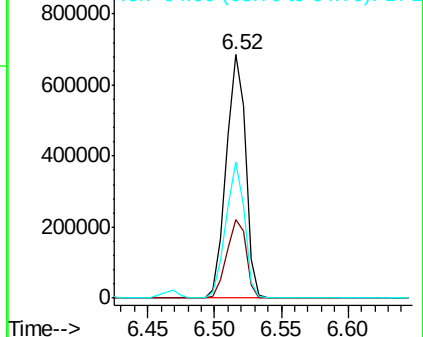
128 100

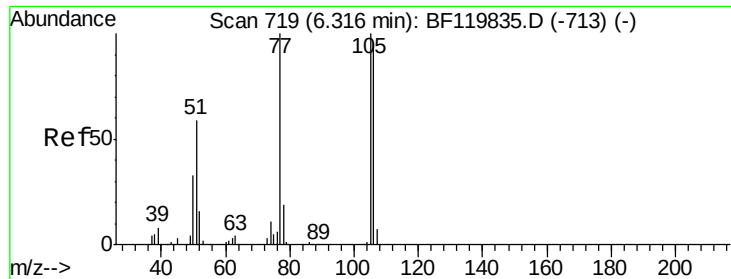
130 32.4 12.6 52.6

64 55.7 32.0 72.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.261 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

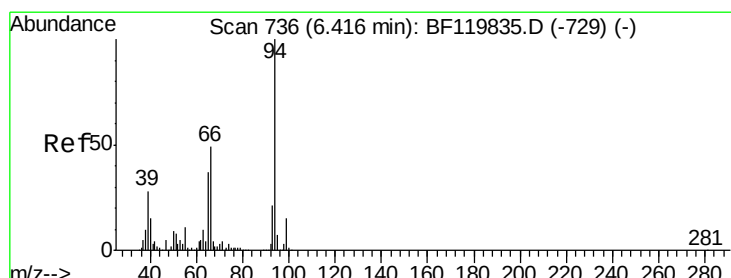
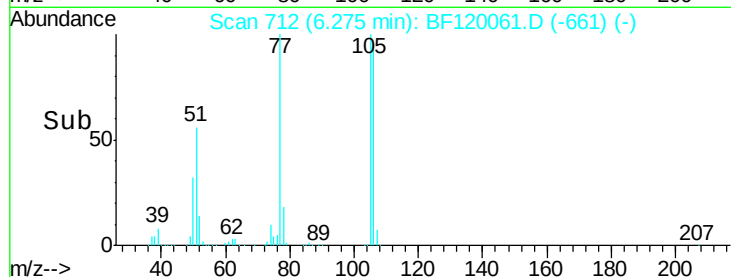
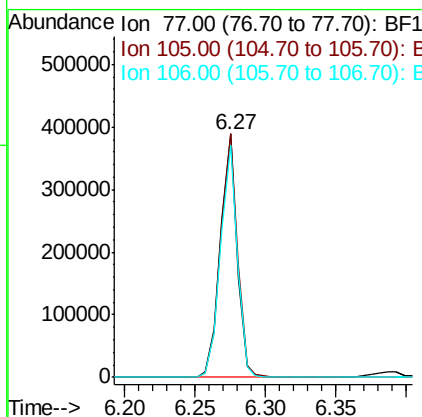
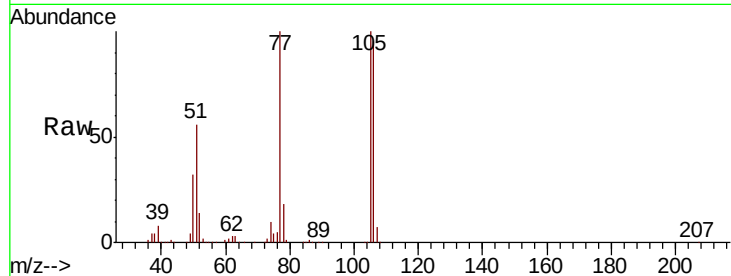
ClientSampleId :

BG-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	79.9	119.9		
106	95.3	76.4	116.4		

Manual Integrations
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#10

Phenol

Concen: 53.392 ng

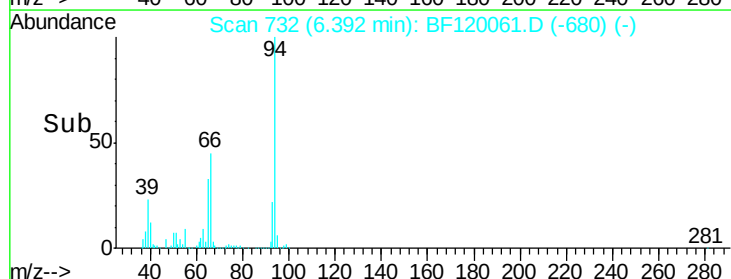
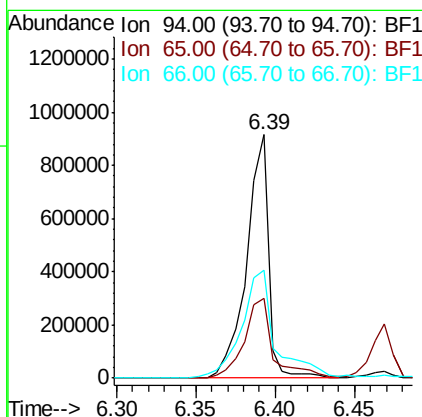
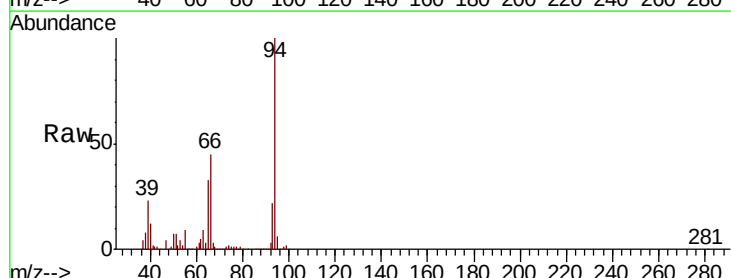
RT: 6.39 min Scan# 732

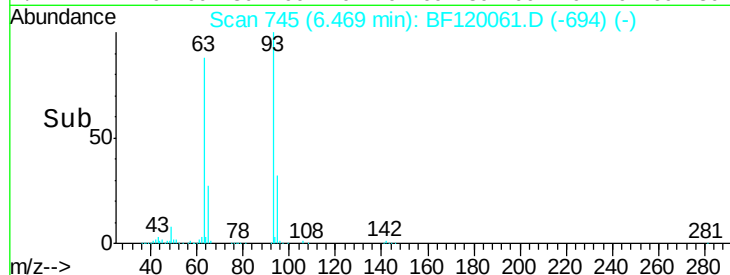
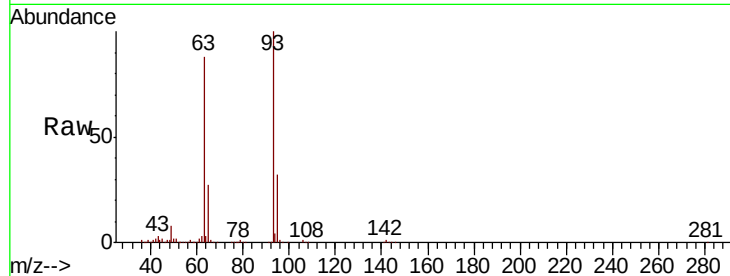
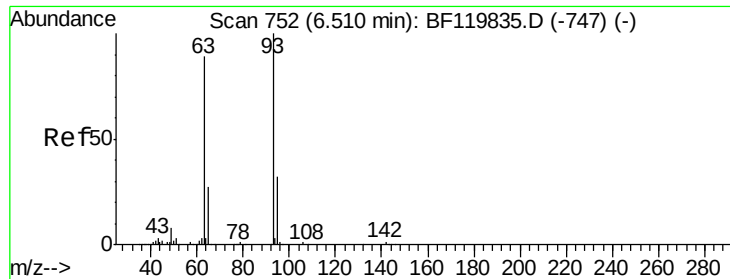
Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.9	16.6	56.6		
66	44.5	29.3	69.3		





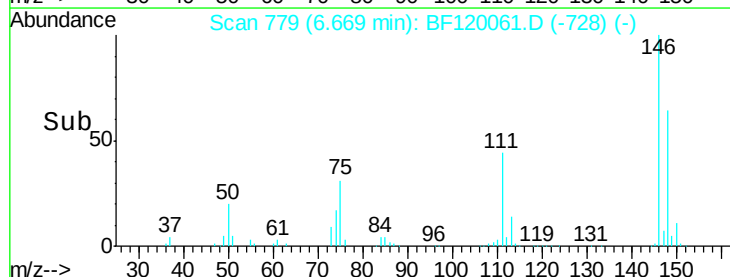
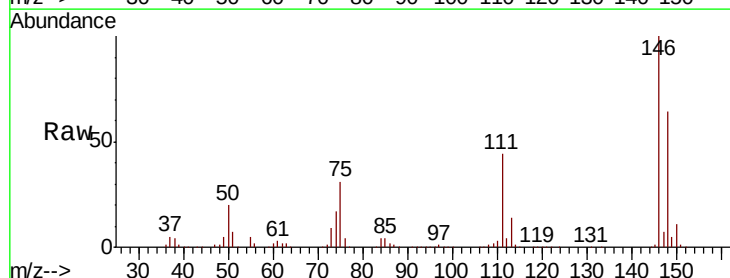
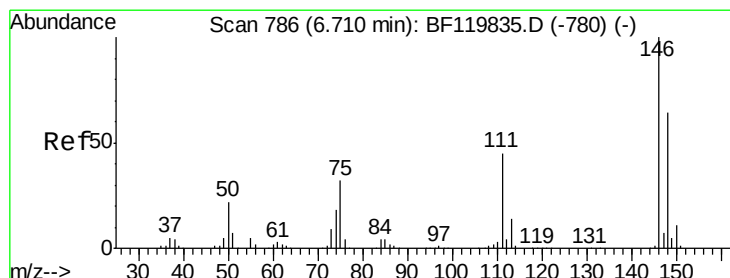
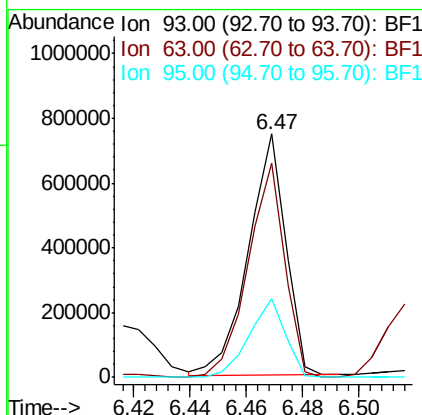
#11
bis(2-Chloroethyl)ether
Concen: 54.043 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.1	109.1
95	32.1	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
BG-4MS

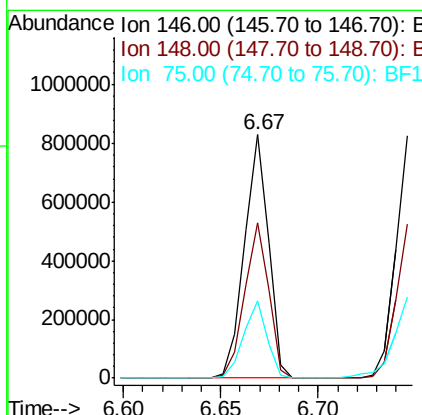
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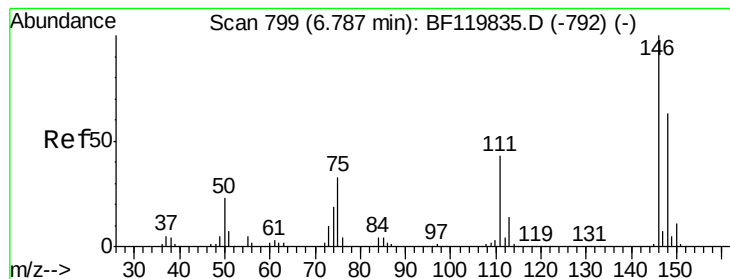
mohammad
4/21/2020 8:22:33 AM



#12
1,3-Dichlorobenzene
Concen: 51.386 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	31.5	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 50.859 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

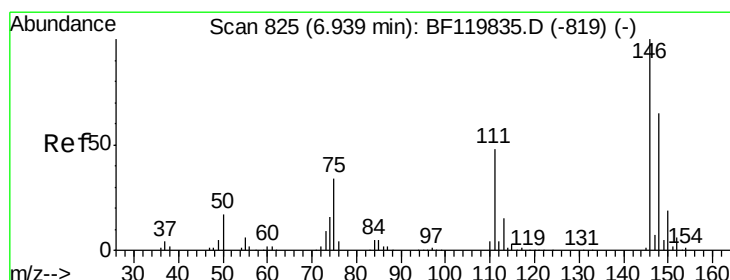
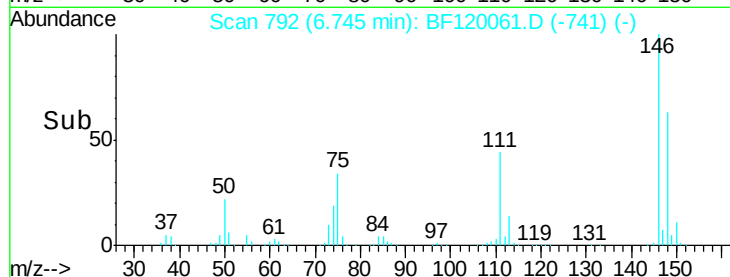
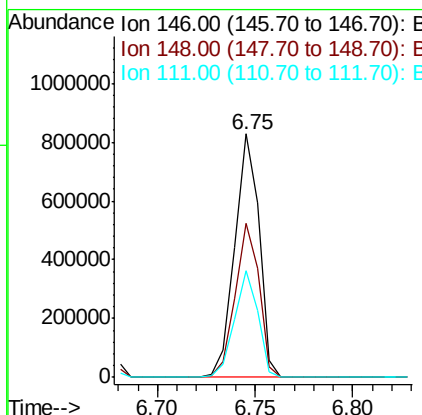
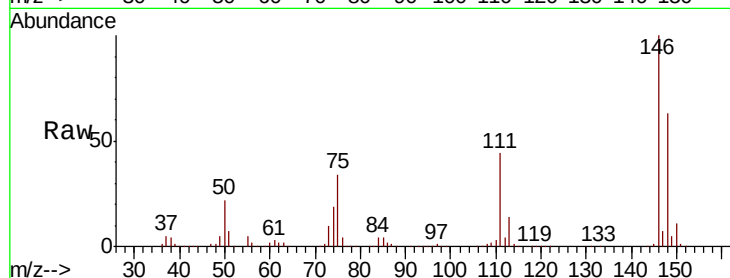
ClientSampled :

BG-4MS

Tot Ion:	146	Resp:	714257
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.5	75.7
111	43.6	34.7	52.1

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#14

1,2-Dichlorobenzene

Concen: 51.465 ng

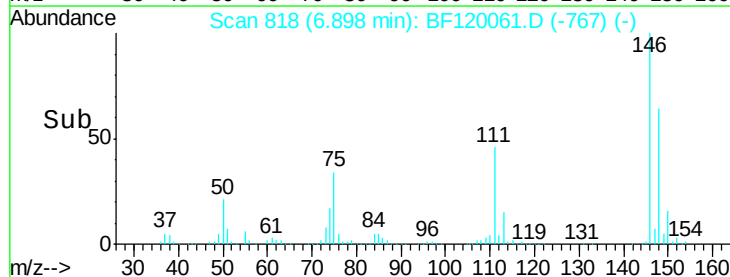
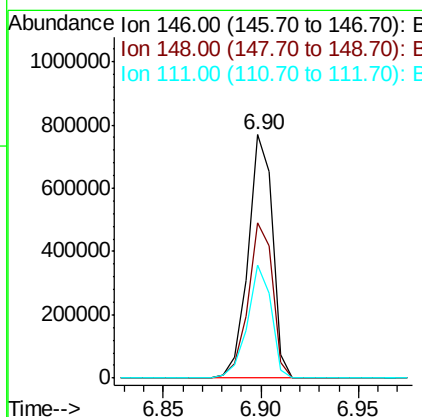
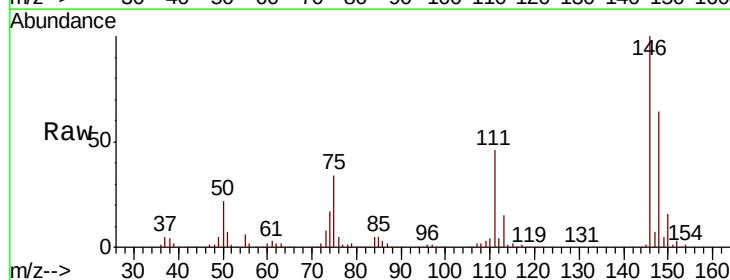
RT: 6.90 min Scan# 818

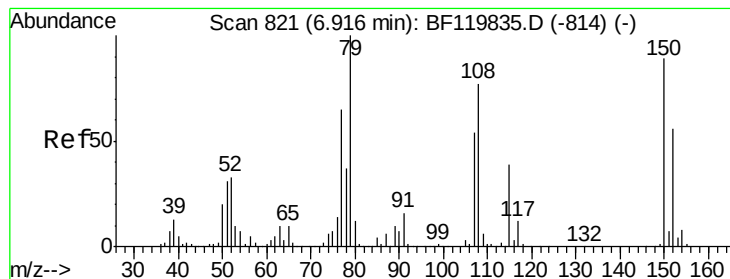
Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	146	Resp:	666095
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
111	46.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 50.762 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

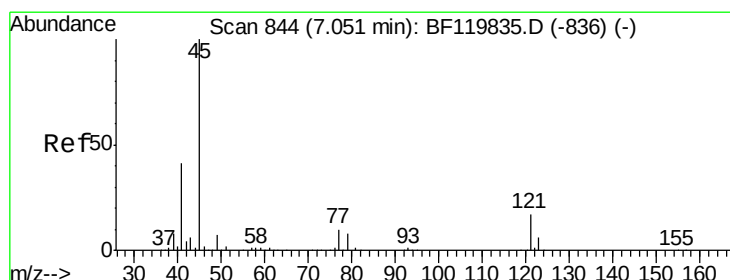
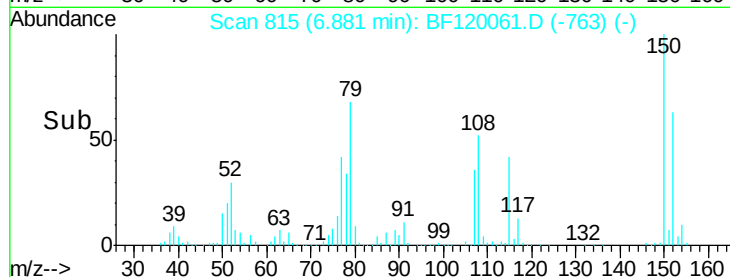
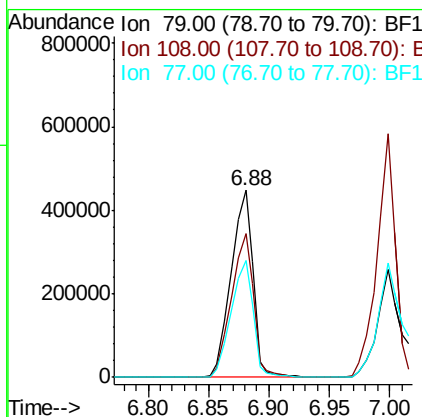
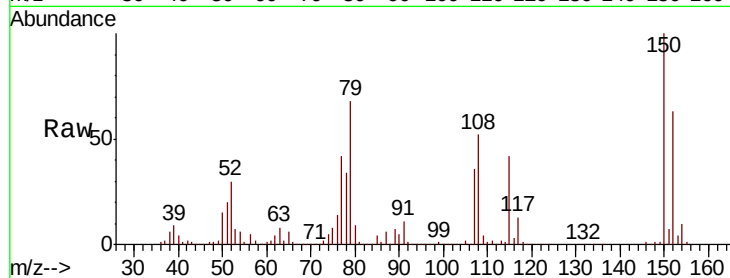
ClientSampled :

BG-4MS

Tot Ion:	79	Resp:	572586
Ion Ratio	Lower	Upper	
79	100		
108	77.1	62.0	93.0
77	62.8	51.8	77.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.311 ng

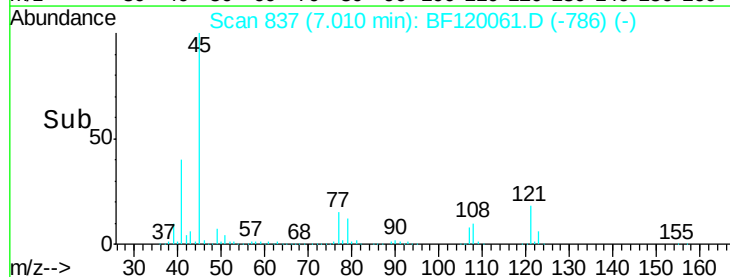
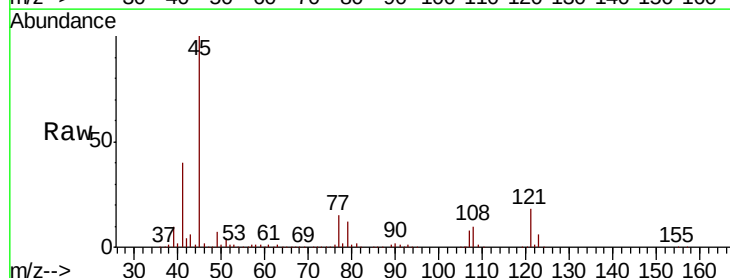
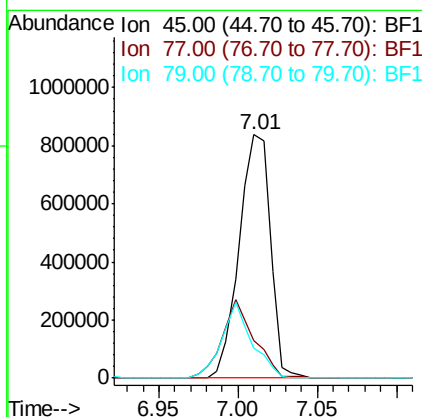
RT: 7.01 min Scan# 837

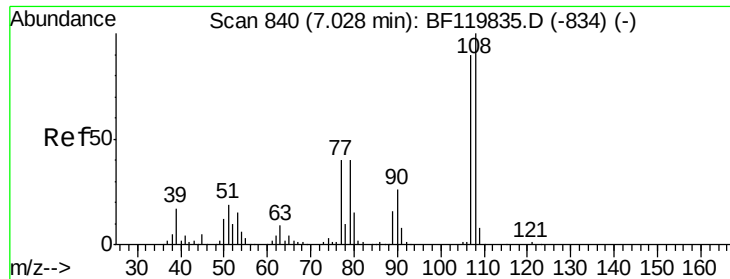
Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	45	Resp:	1146407
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	30.7
79	12.2	0.0	28.6





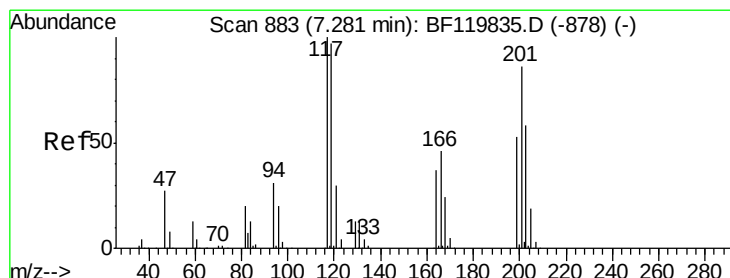
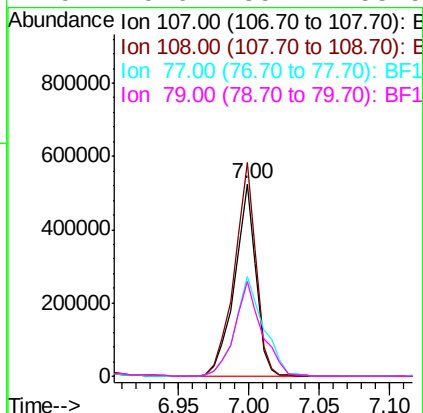
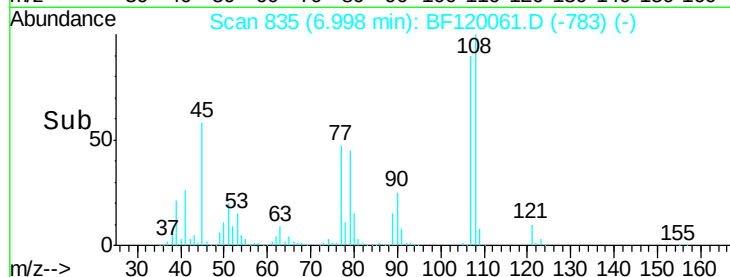
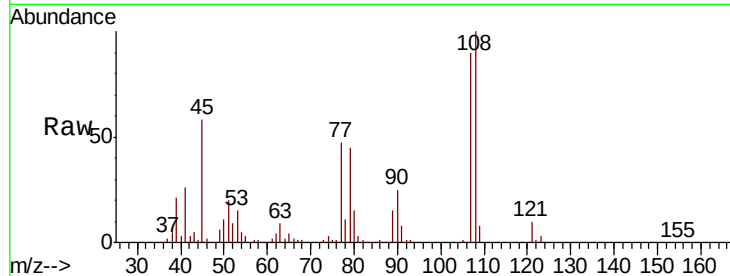
#17
2-Methylphenol
Concen: 49.224 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	88.8	133.2	
77	52.0	36.0	54.0	
79	49.6	35.7	53.5	

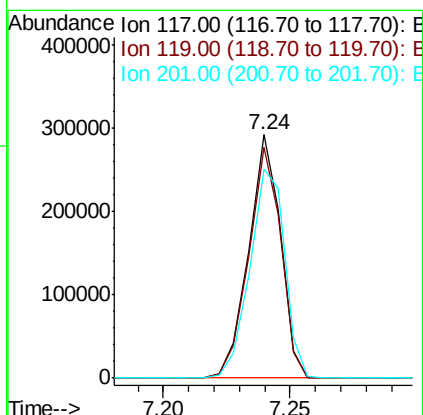
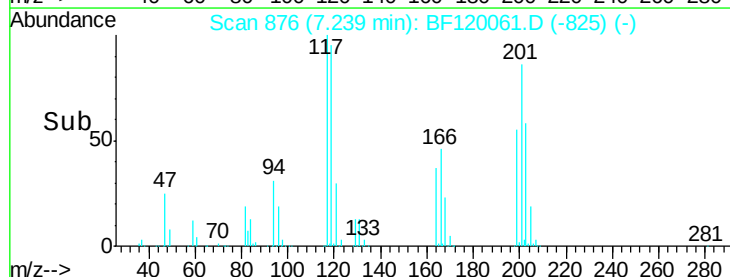
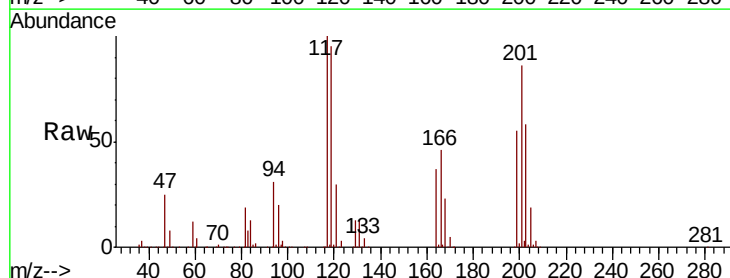
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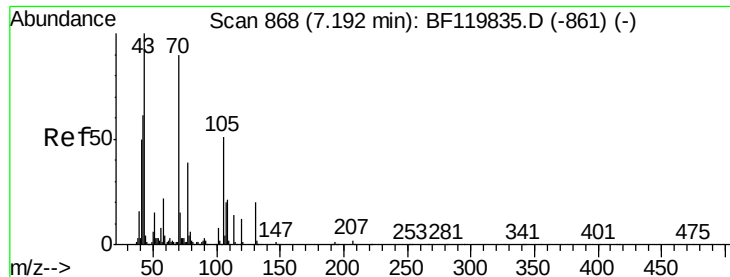
mohammad
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#18
Hexachloroethane
Concen: 48.749 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.0	
201	85.9	68.4	102.6	





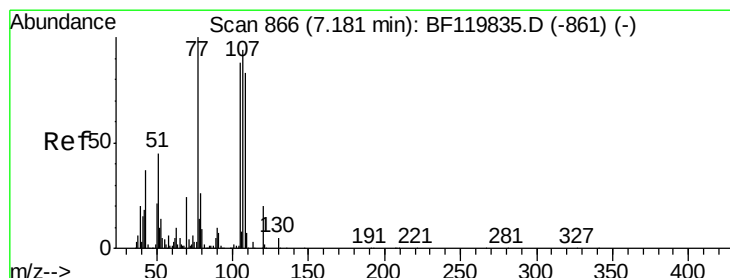
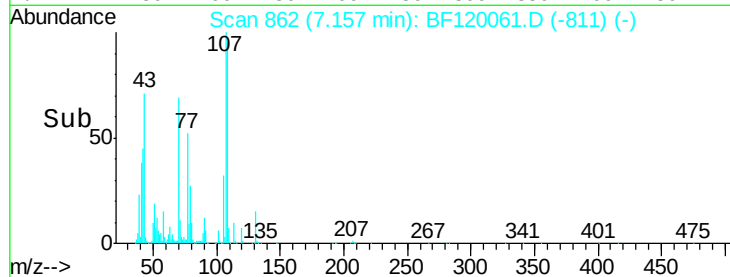
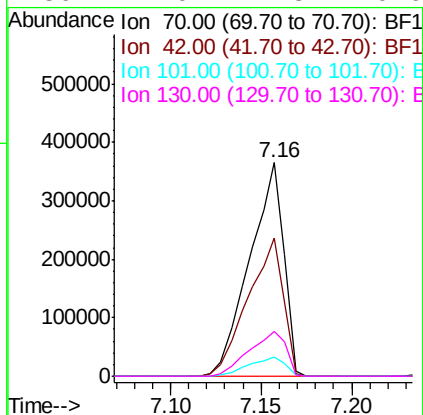
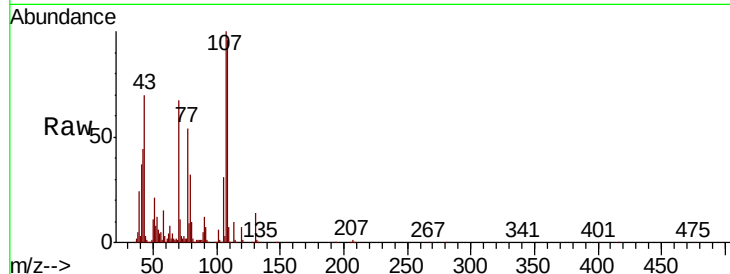
#19
n-Nitroso-di-n-propylamine
Concen: 51.228 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	54.2	81.4	
101	9.0	7.4	11.2	
130	21.0	17.8	26.6	

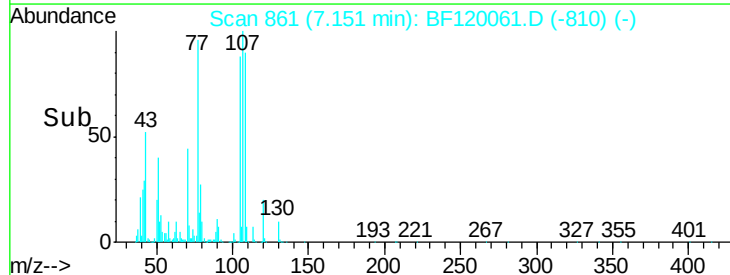
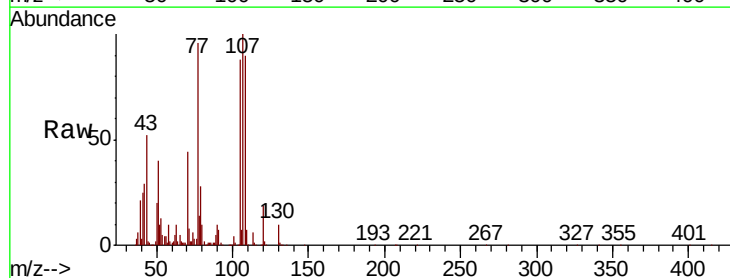
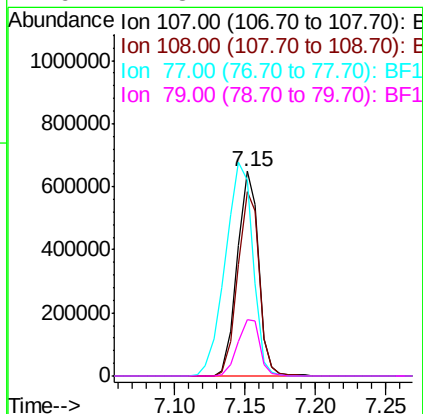
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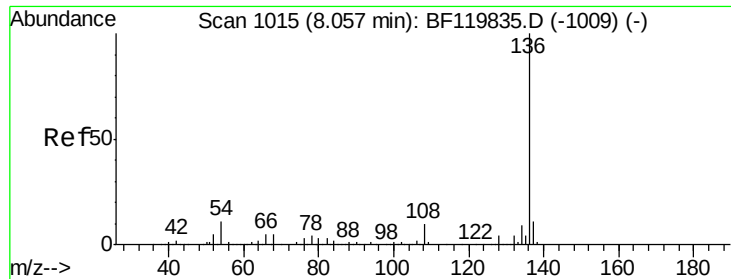
mohammad
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#20
3+4-Methylphenols
Concen: 49.628 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	68.2	108.2	
77	95.7	86.6	126.6	
79	27.8	7.7	47.7	





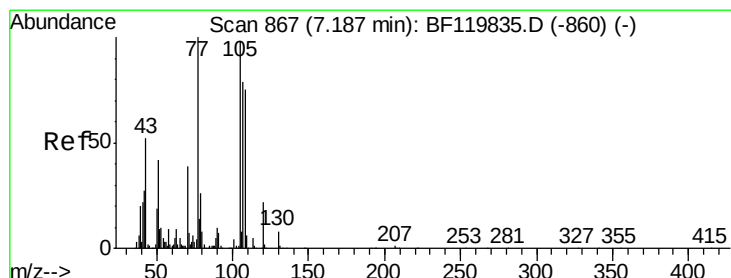
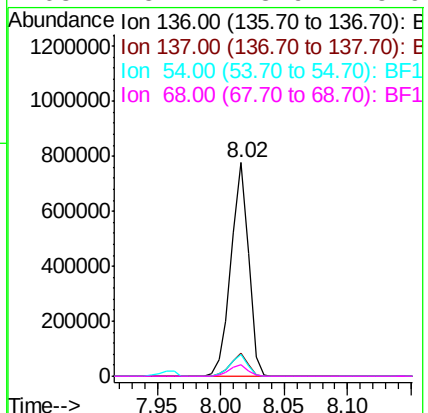
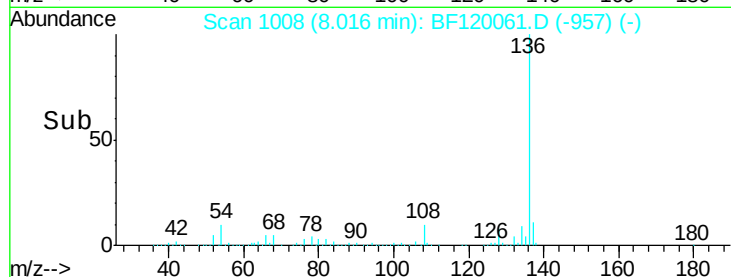
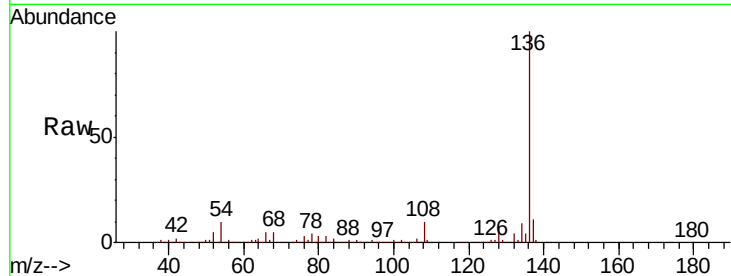
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.9	8.7	13.1		
54	10.1	8.5	12.7		
68	5.4	3.9	5.9		

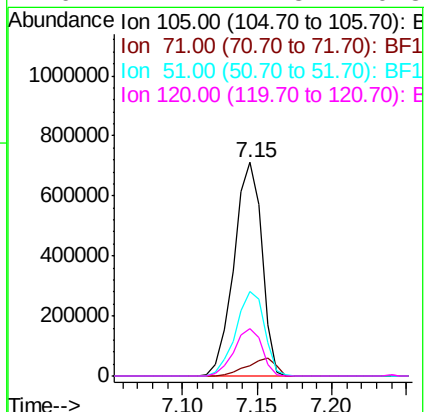
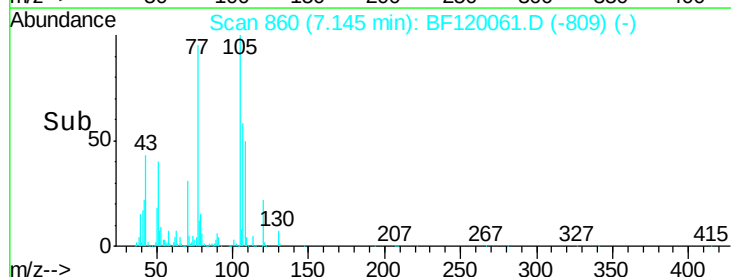
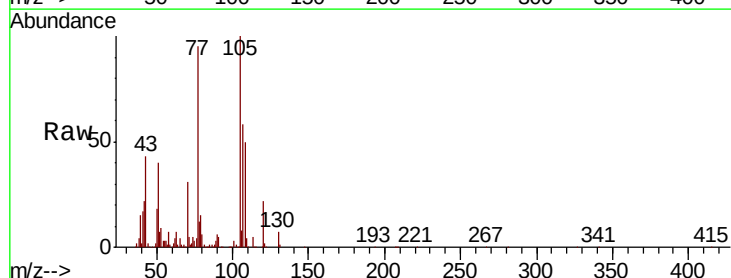
Manual Integrations
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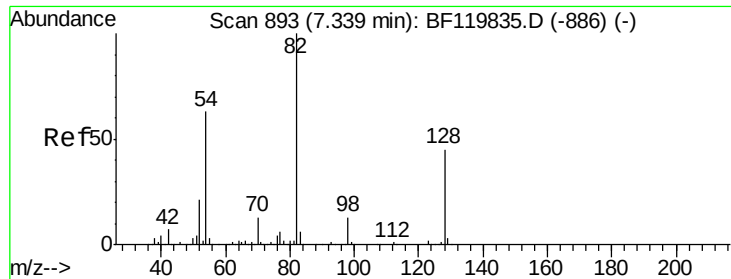
mohammad
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#22
Acetophenone
Concen: 53.746 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.0	5.6	8.4#		
51	39.8	33.9	50.9		
120	22.1	17.8	26.8		





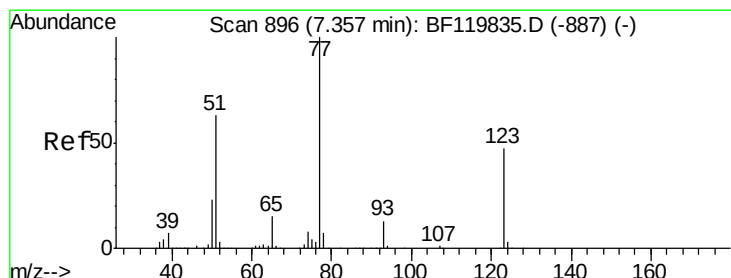
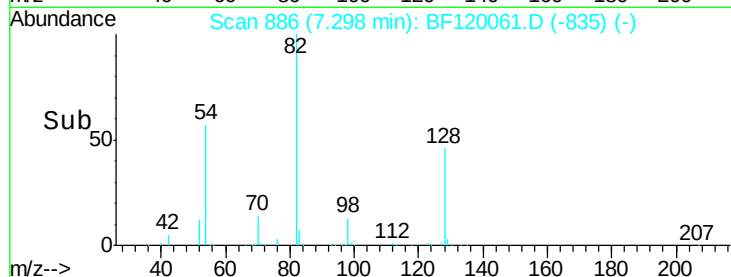
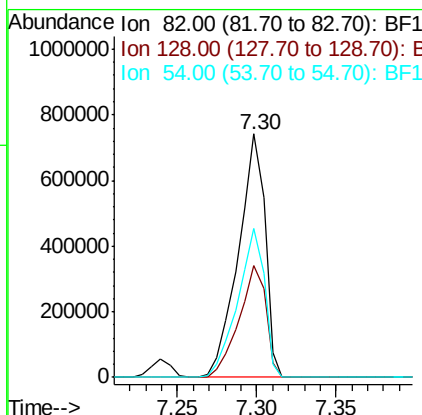
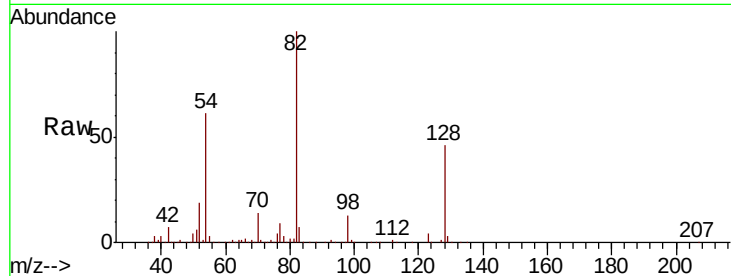
#23
 Nitrobenzene-d5
 Concen: 60.608 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.2	54.4
54	61.3	50.4	75.6

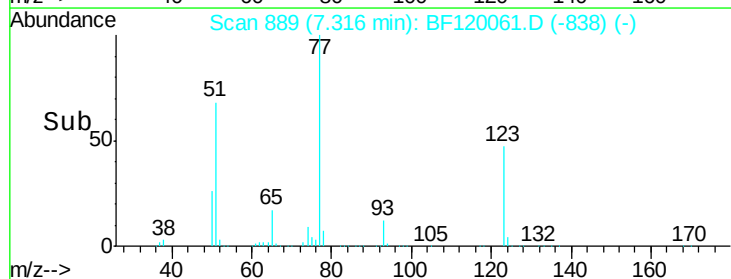
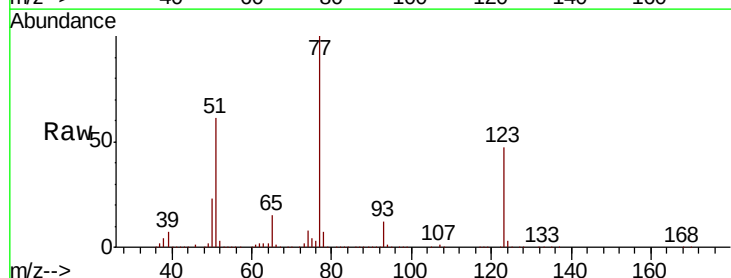
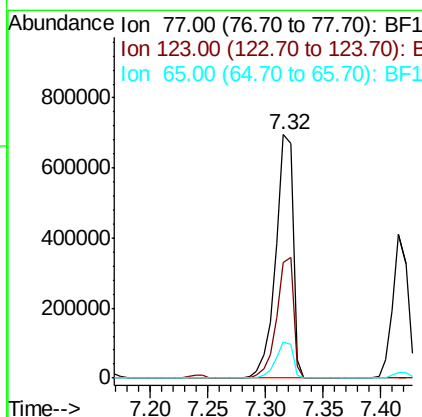
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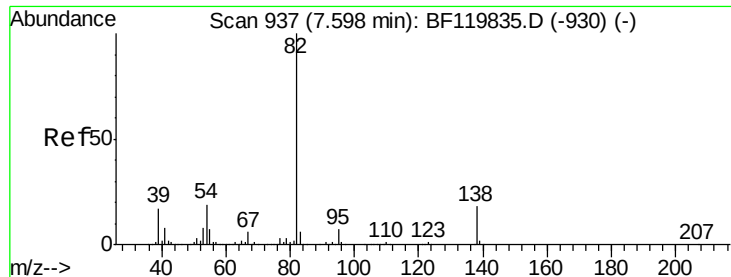
mohammad
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#24
 Nitrobenzene
 Concen: 50.658 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.8	56.8
65	15.1	12.2	18.2





#25

Isophorone

Concen: 48.532 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

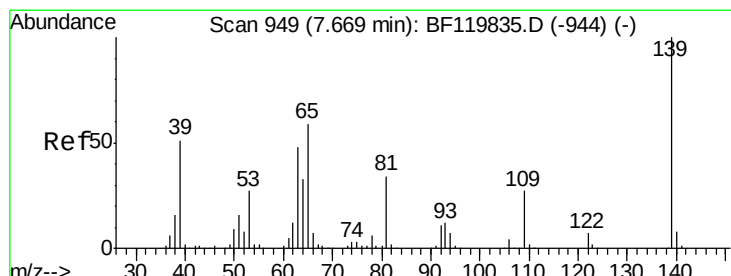
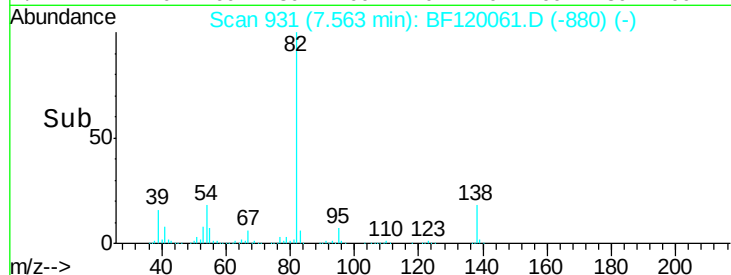
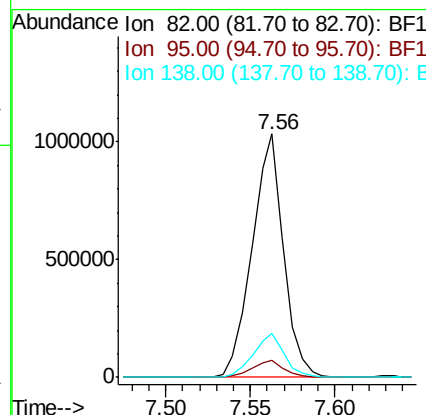
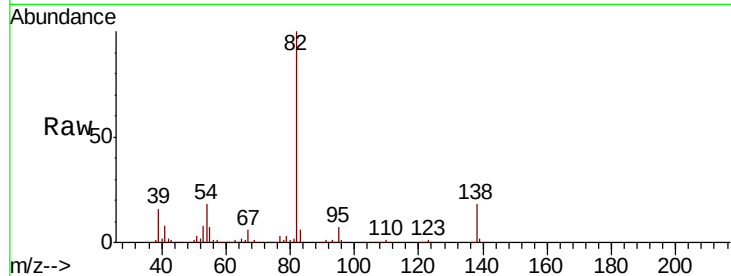
ClientSampled :

BG-4MS

Tot Ion:	82	Resp:	1334817
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.1	14.5	21.7

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#26

2-Nitrophenol

Concen: 51.703 ng

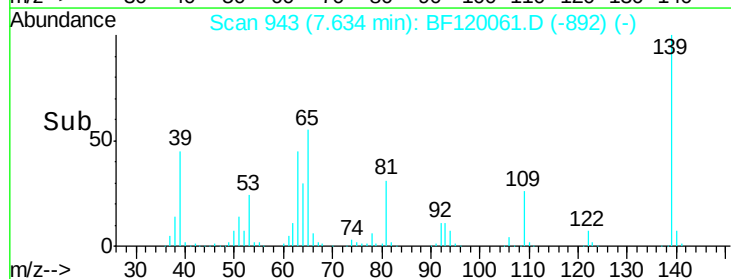
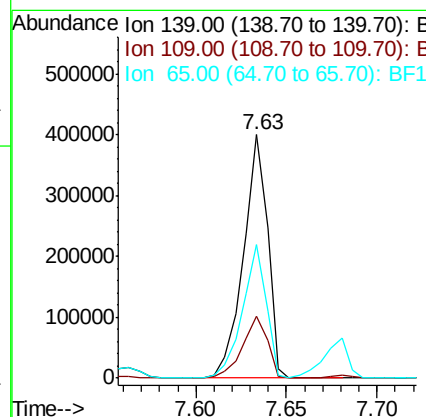
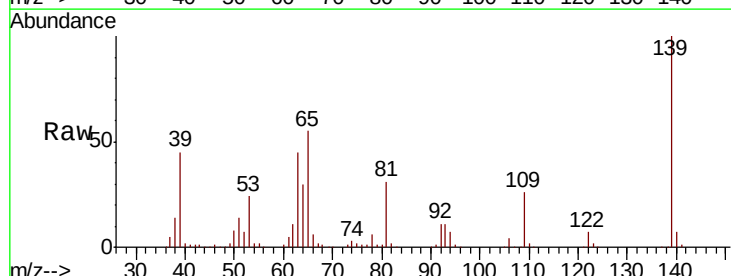
RT: 7.63 min Scan# 943

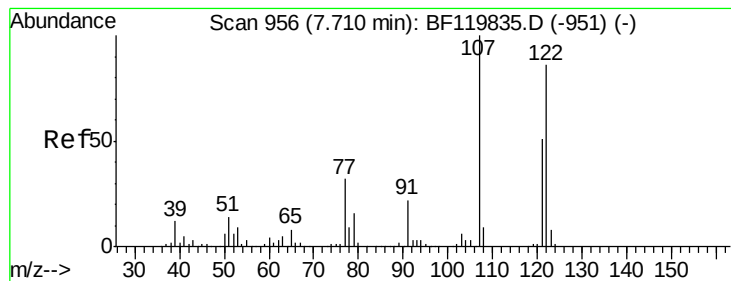
Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	139	Resp:	370743
Ion	Ratio	Lower	Upper
139	100		
109	25.6	21.8	32.6
65	54.8	47.0	70.4





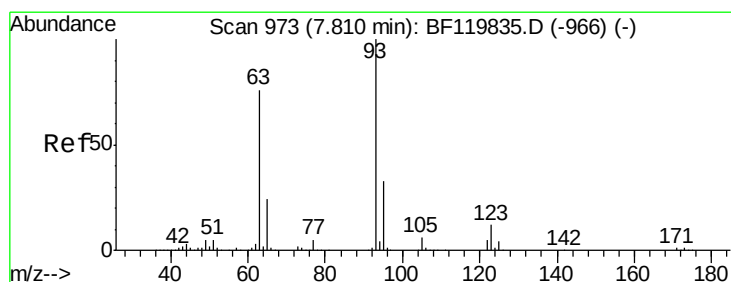
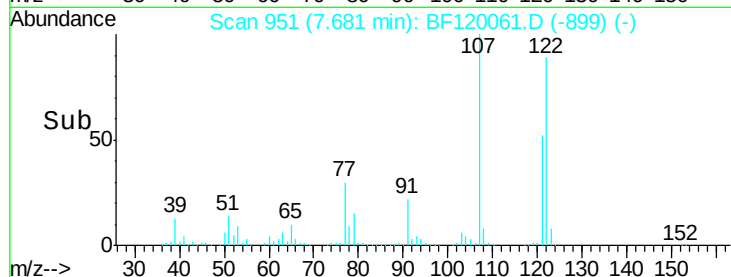
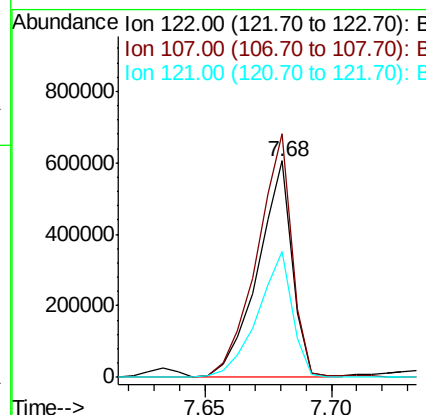
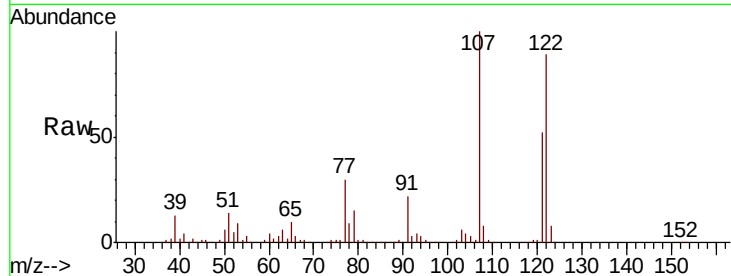
#27
2,4-Dimethylphenol
Concen: 53.244 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	112.4	92.3	138.5		
121	58.3	46.6	70.0		

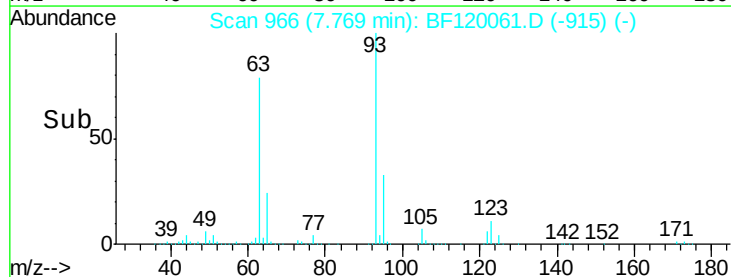
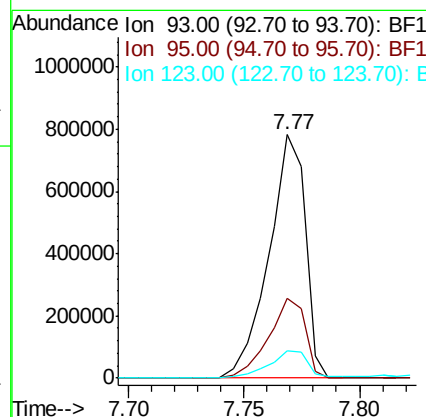
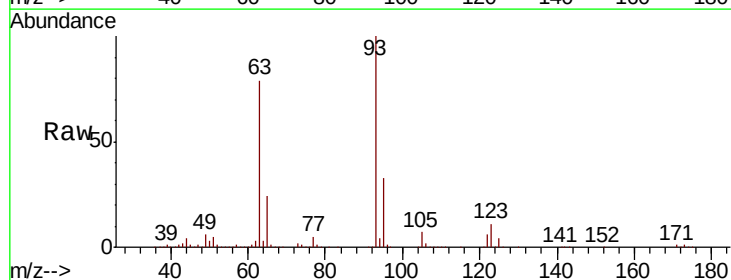
Manual Integrations
APPROVED

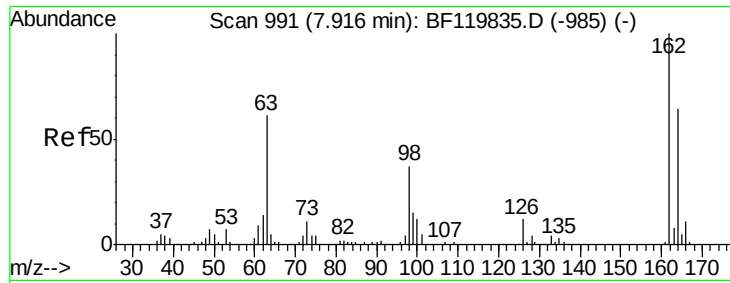
mohammad
4/21/2020 8:22:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 52.801 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.0	26.4	39.6		
123	11.3	9.7	14.5		





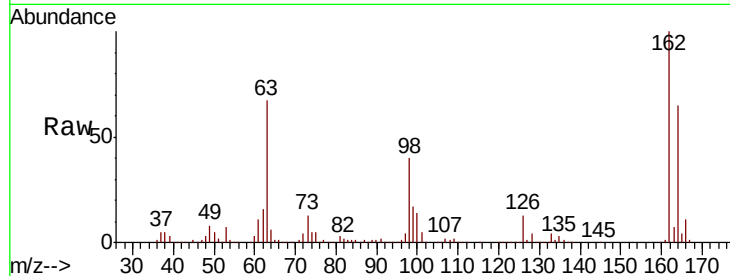
#29
2,4-Dichlorophenol
Concen: 49.269 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

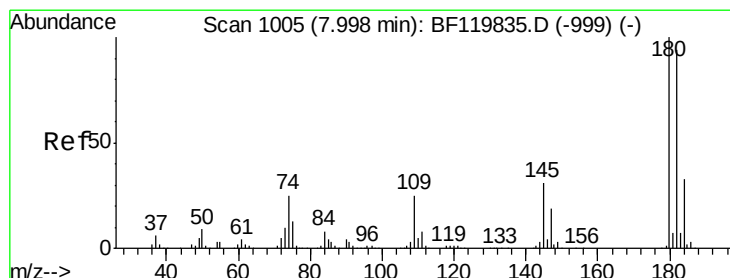
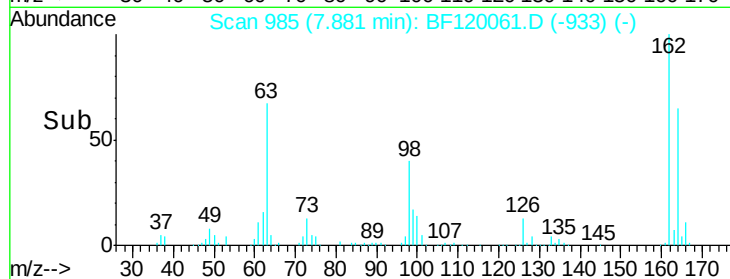
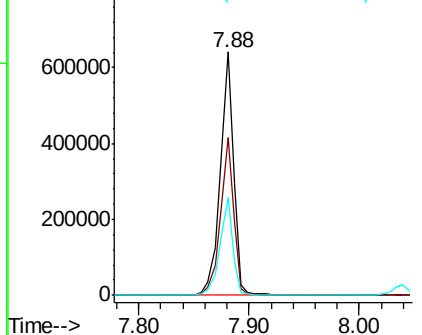
Tot Ion:	162	Resp:	546152
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.4	84.4
98	40.1	17.3	57.3

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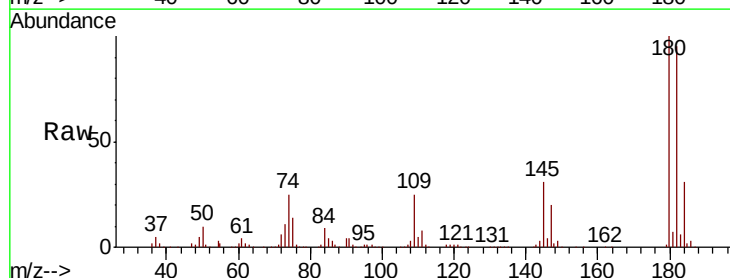


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

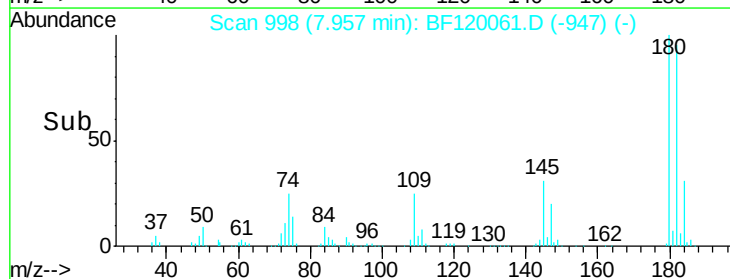
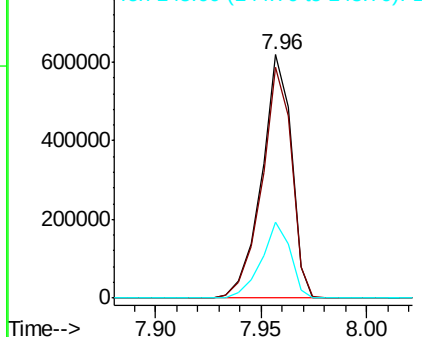


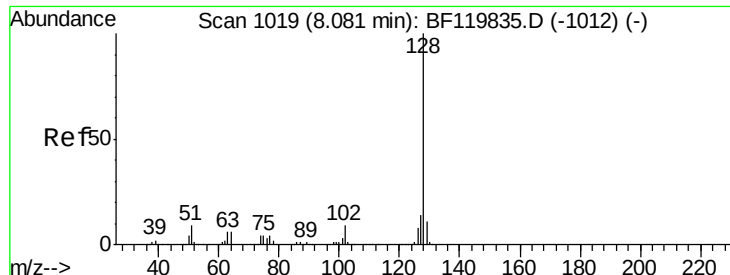
#30
1,2,4-Trichlorobenzene
Concen: 48.357 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:	180	Resp:	607383
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.4	113.0
145	30.9	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





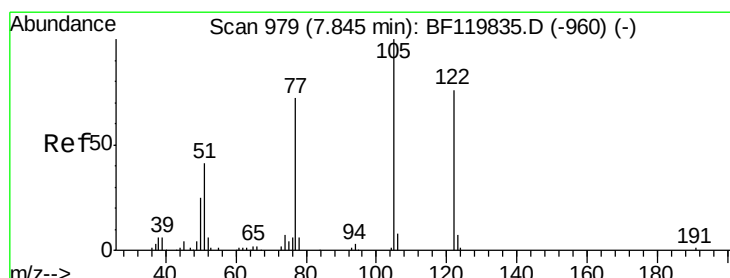
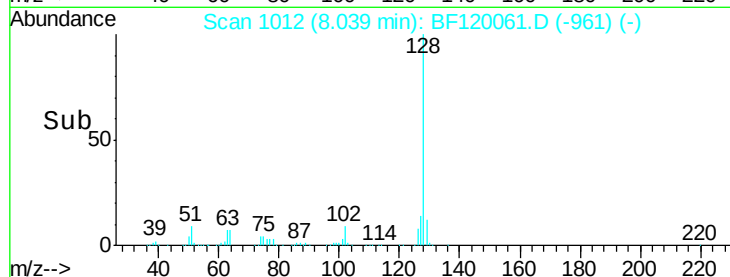
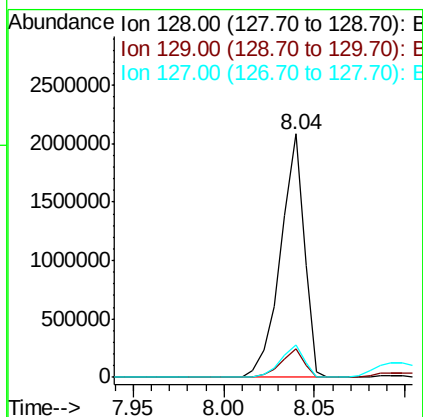
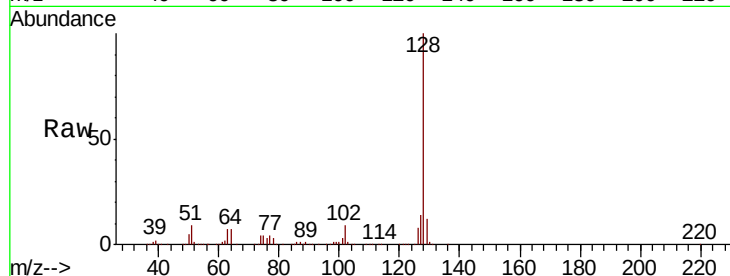
#31
Naphthalene
Concen: 48.975 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.6	11.0	16.4

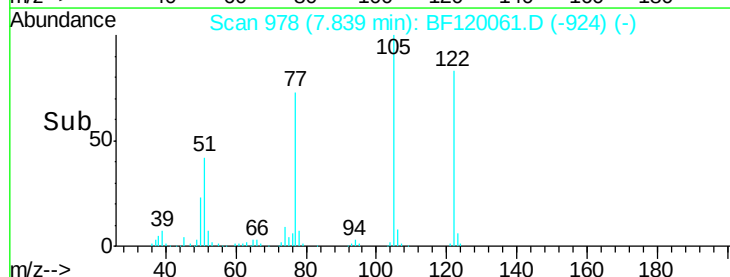
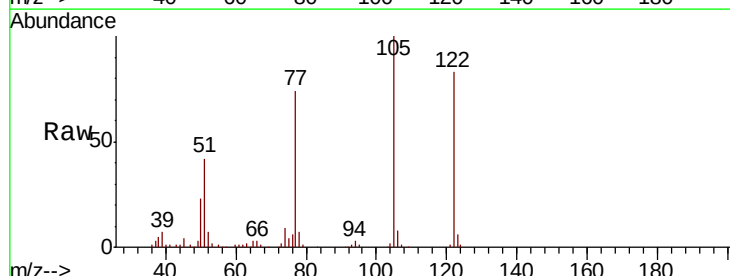
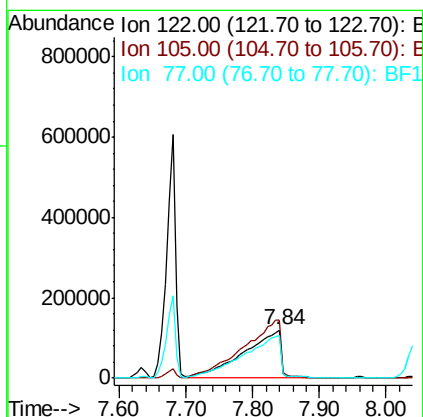
Manual Integrations
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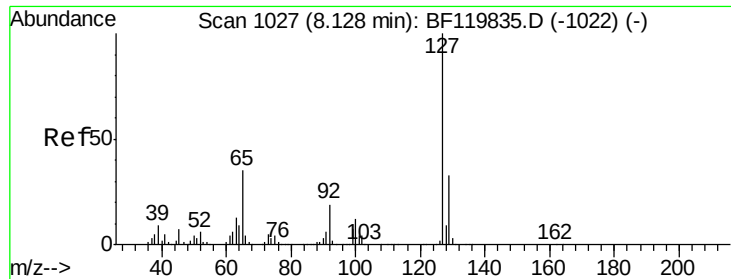
mohammad
4/21/2020 8:22:33 AM



#32
Benzoic acid
Concen: 48.164 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.7	106.7	146.7
77	88.9	72.1	112.1





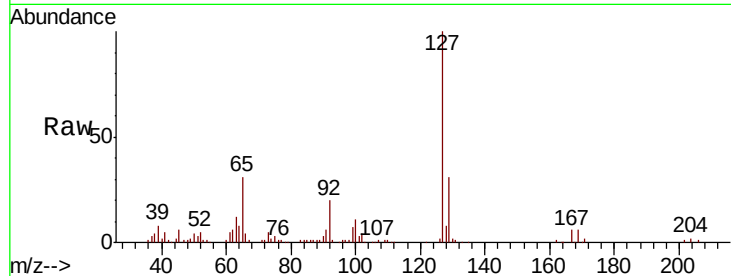
#33
4-Chloroaniline
Concen: 14.141 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		239072		
129	31.3	26.2	39.2		
65	31.3	28.3	42.5		
92	19.7	15.4	23.2		

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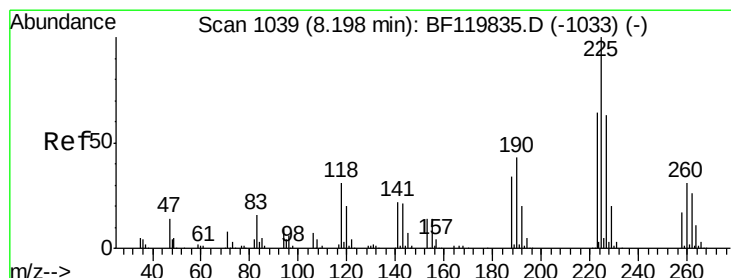
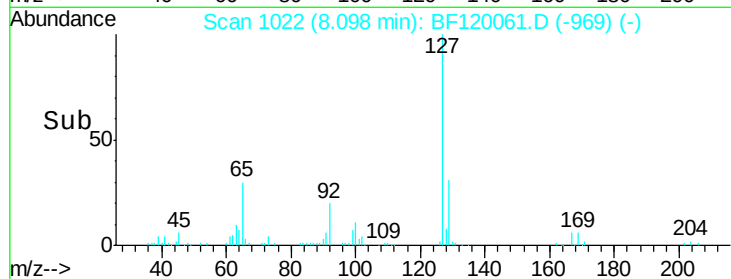
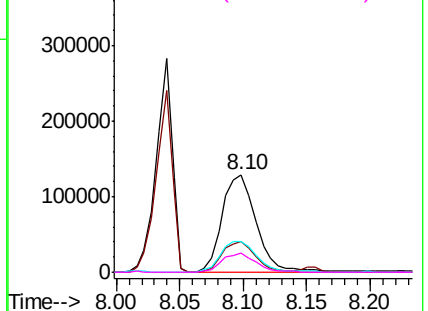
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

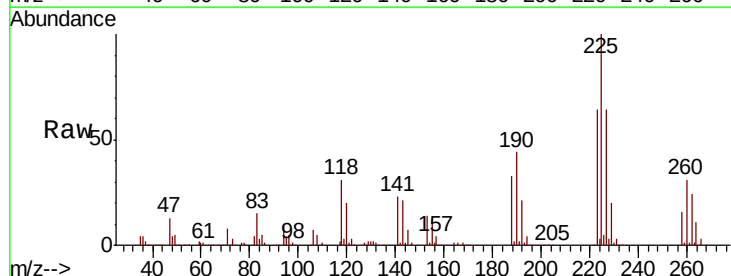
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.280 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		355488		
223	63.8	51.0	76.6		
227	63.5	50.4	75.6		

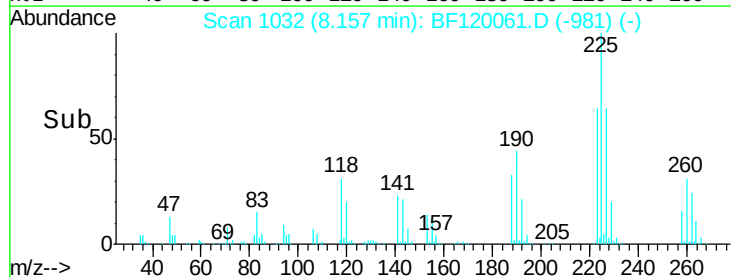
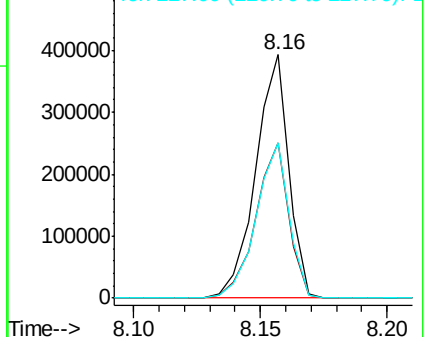


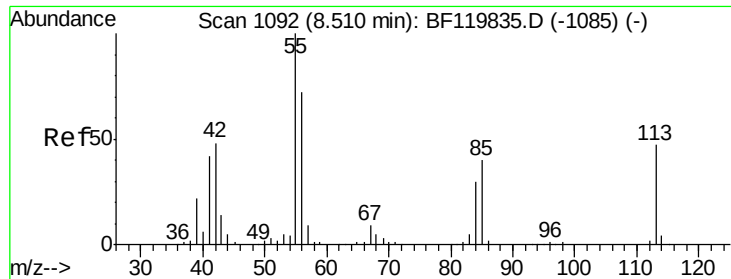
Abundance

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





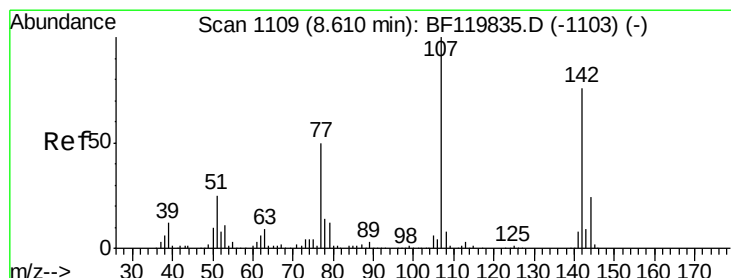
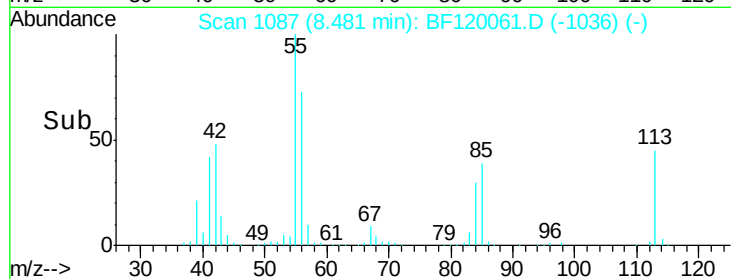
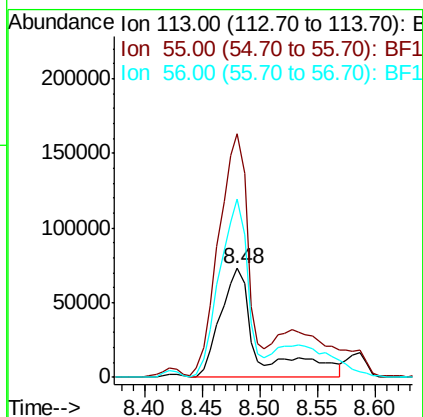
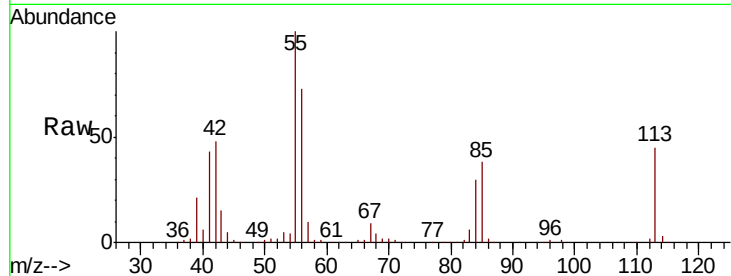
#35
Caprolactam
Concen: 48.871 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.4	192.7	232.7
56	163.4	133.3	173.3

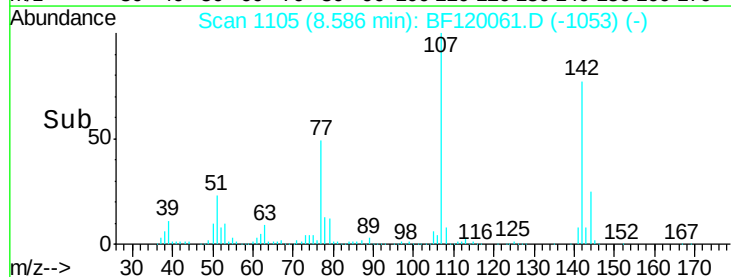
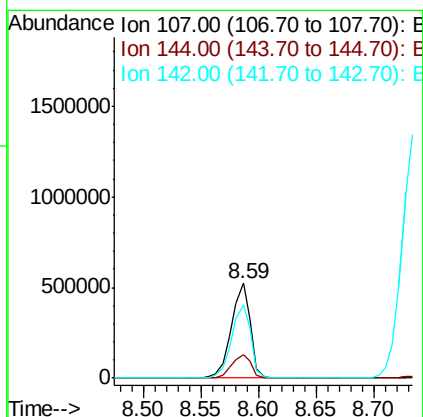
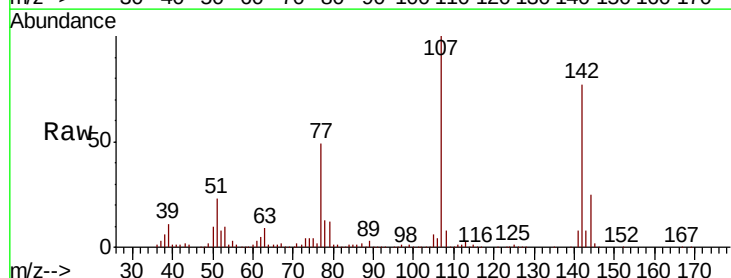
Manual Integrations
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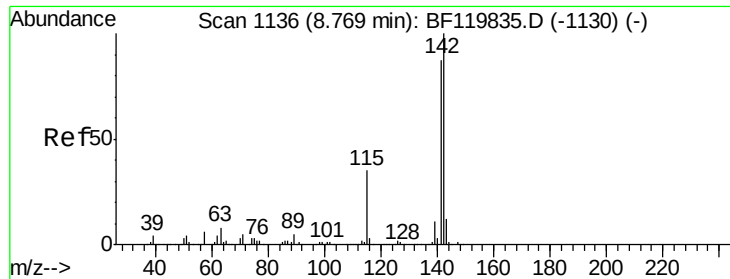
mohammad
4/21/2020 8:22:33 AM



#36
4-Chloro-3-methylphenol
Concen: 48.952 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.5	29.3
142	76.7	60.5	90.7





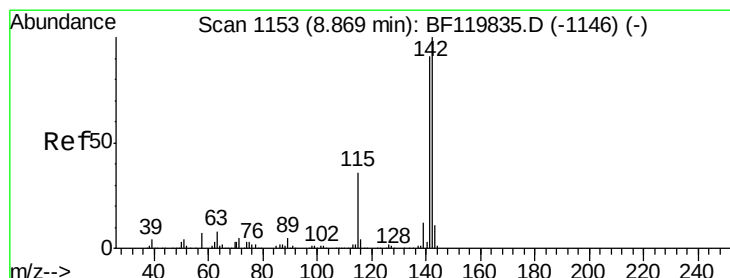
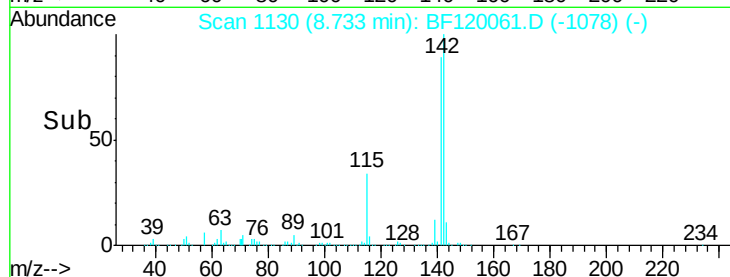
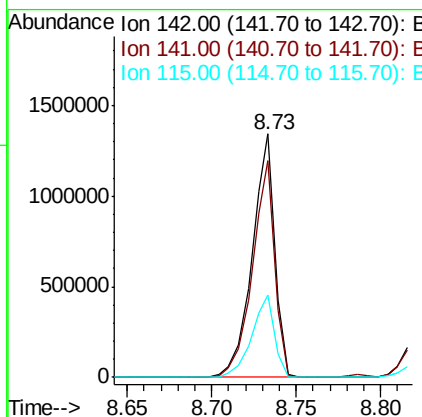
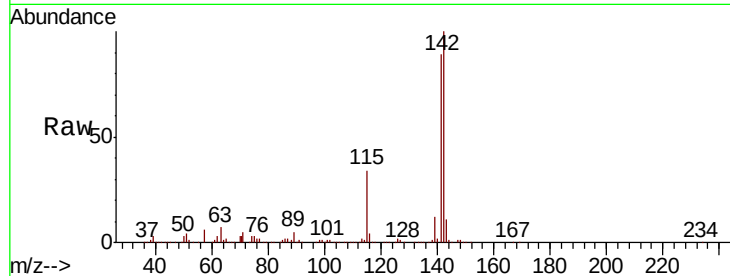
#37
2-Methylnaphthalene
Concen: 47.809 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9
115	33.9	28.0	42.0

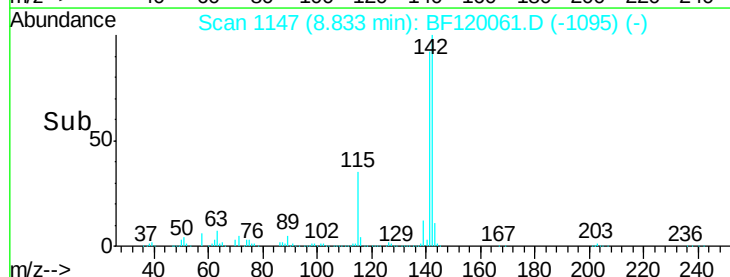
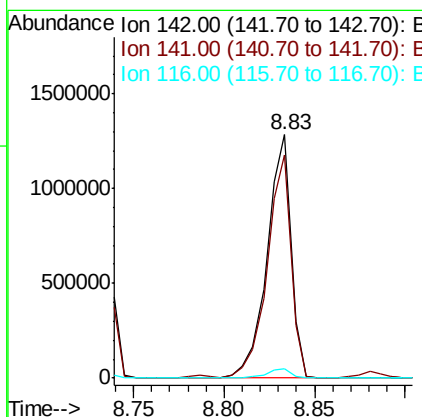
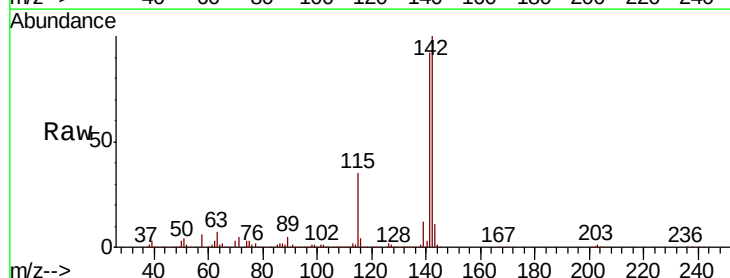
Manual Integrations
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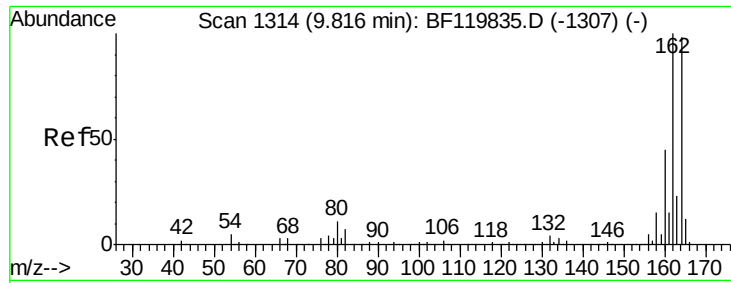
mohammad
4/21/2020 8:22:33 AM



#38
1-Methylnaphthalene
Concen: 47.480 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.9	109.3
116	3.6	3.0	4.6





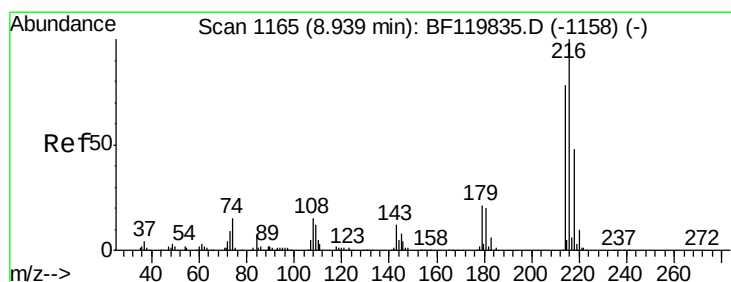
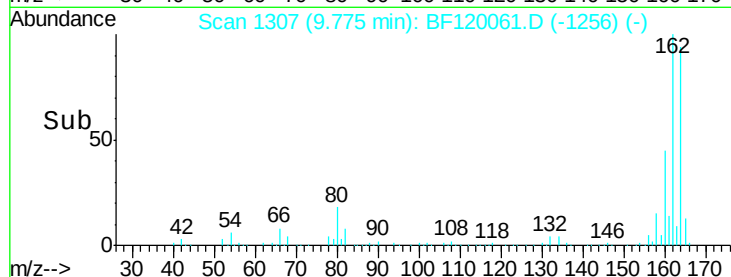
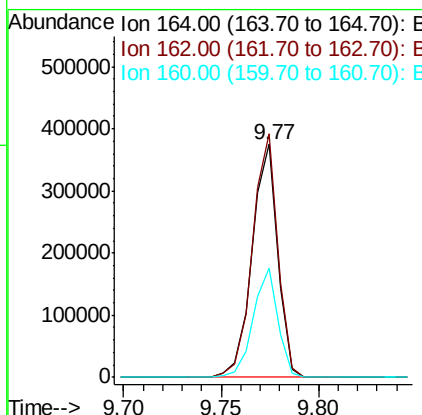
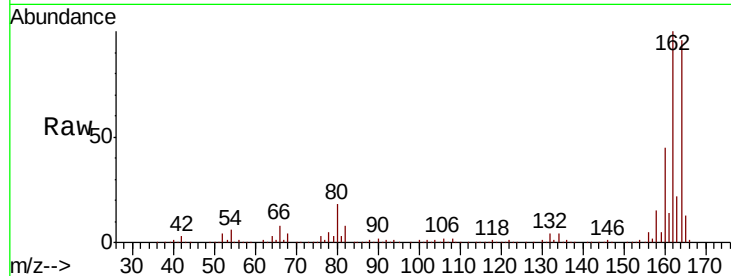
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	81.9	122.9	
160	46.7	36.6	54.8	

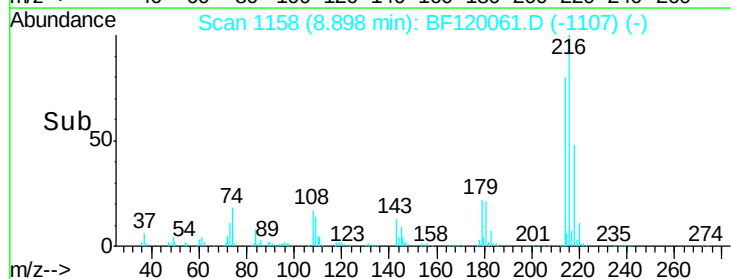
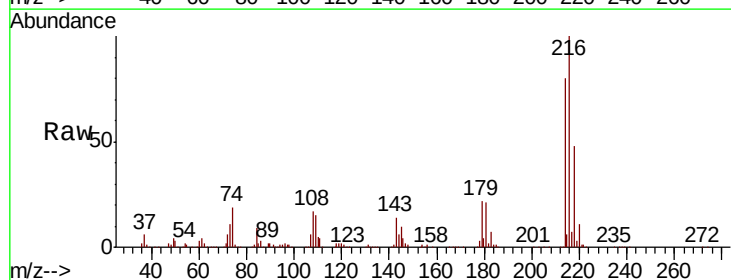
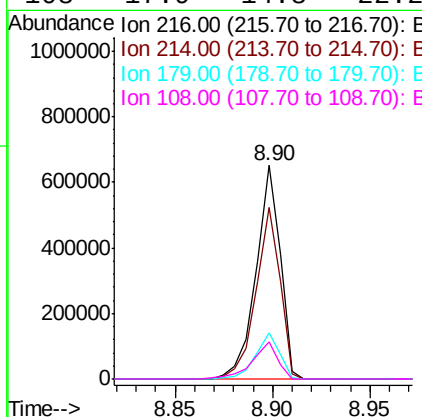
Manual Integrations
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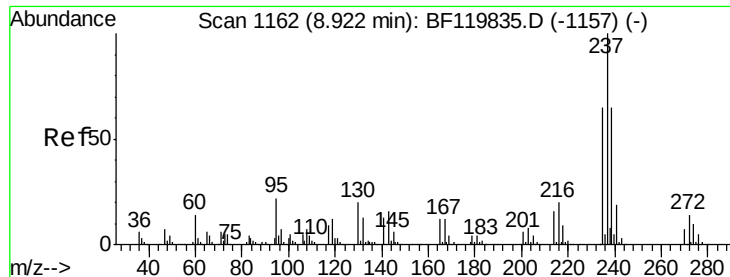
mohammad
4/21/2020 8:22:33 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.013 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.1	94.7	
179	21.4	17.0	25.4	
108	17.9	14.8	22.2	





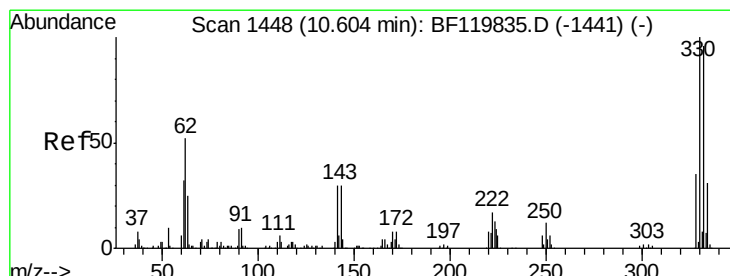
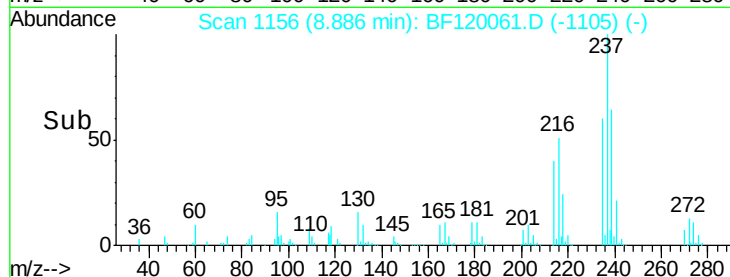
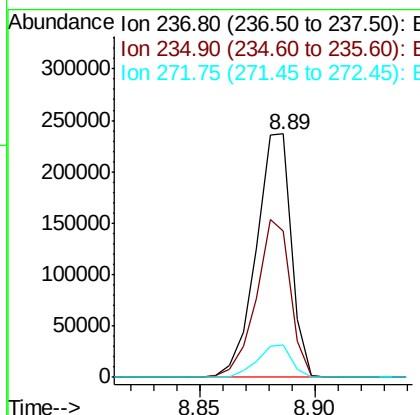
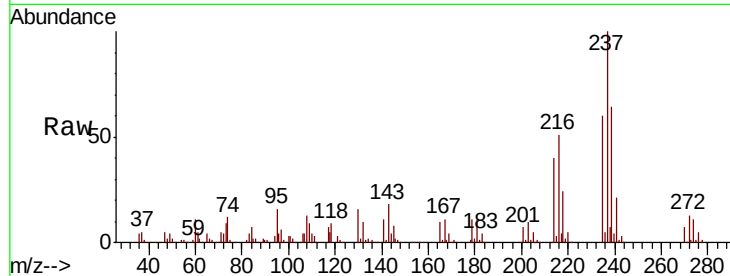
#41
Hexachlorocyclopentadiene
Concen: 41.145 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.1	44.9	84.9	
272	13.1	0.0	33.6	

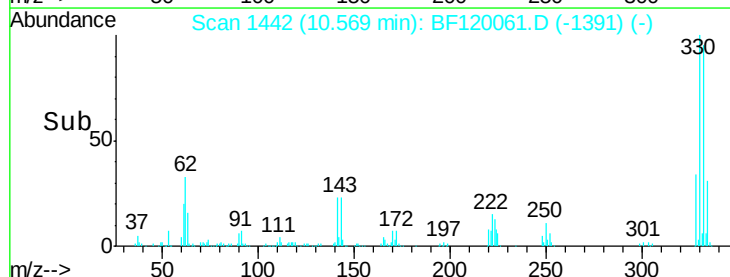
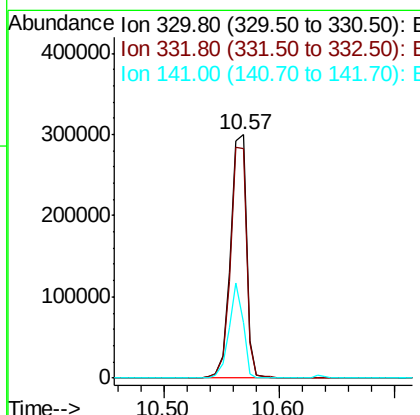
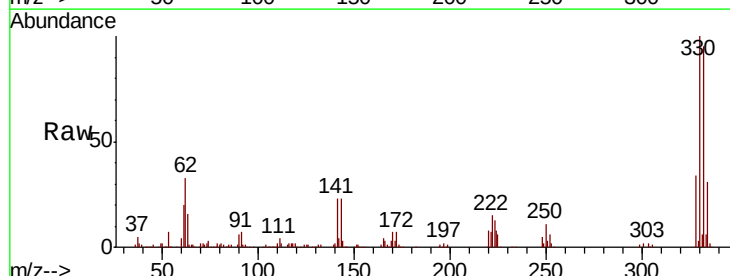
Manual Integrations
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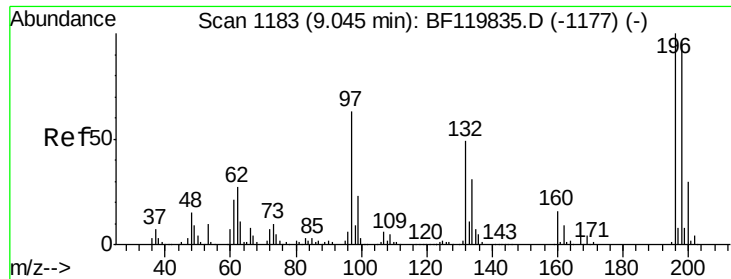
mohammad
4/21/2020 8:22:33 AM



#42
2,4,6-Tribromophenol
Concen: 69.223 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	76.8	115.2	
141	34.1	25.1	37.7	





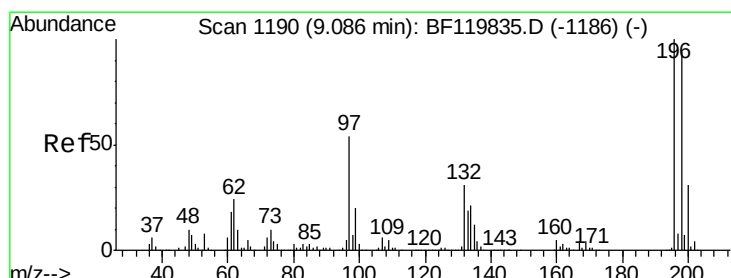
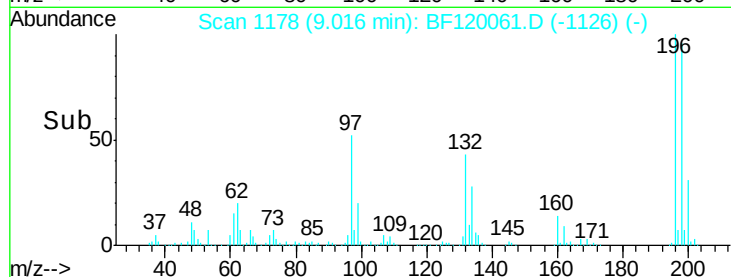
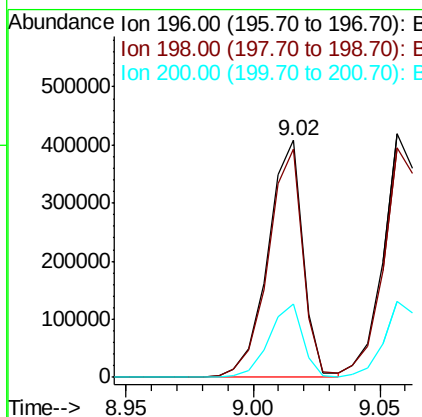
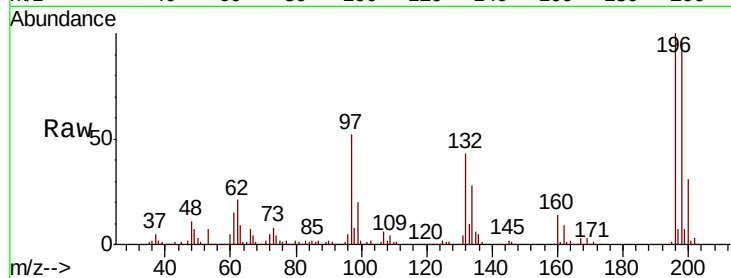
#43
 2,4,6-Trichlorophenol
 Concen: 52.623 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	390821		
198	96.4	76.6	115.0	
200	31.1	24.2	36.2	

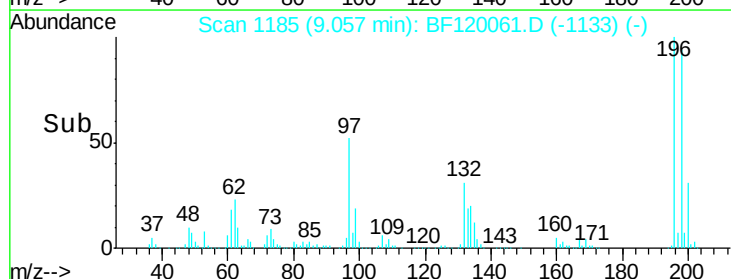
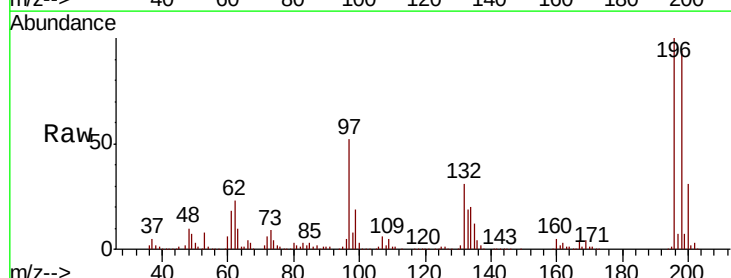
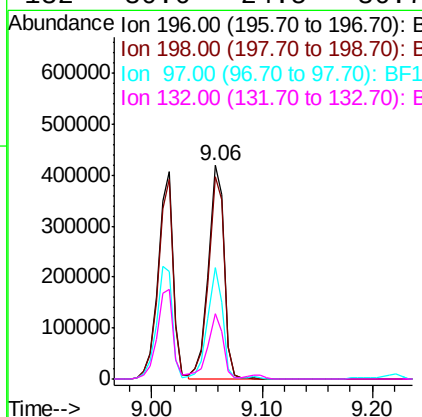
Manual Integrations
 APPROVED

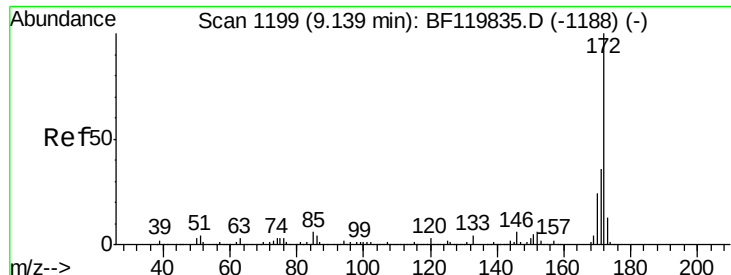
mohammad
 4/21/2020 8:22:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.205 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	403223		
198	94.4	75.1	112.7	
97	52.4	43.4	65.2	
132	30.6	24.5	36.7	





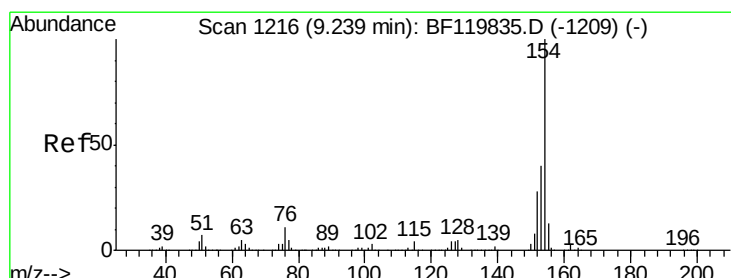
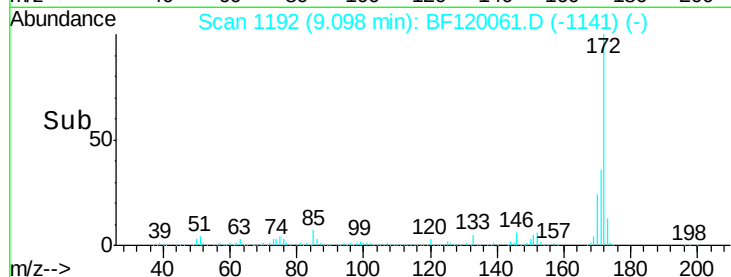
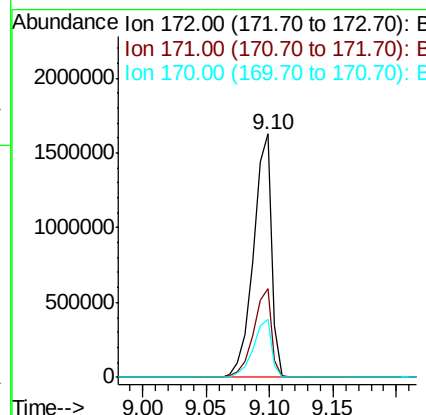
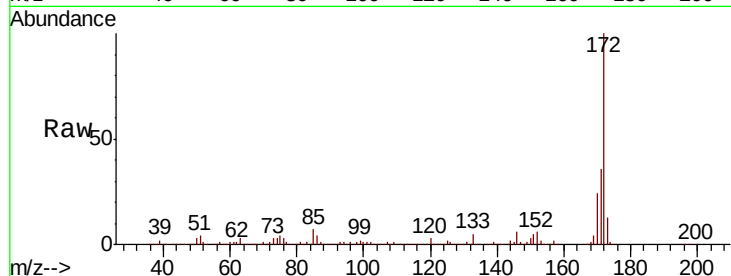
#45
2-Fluorobiphenyl
Concen: 67.741 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.2	28.9	43.3	
170	23.7	19.4	29.2	

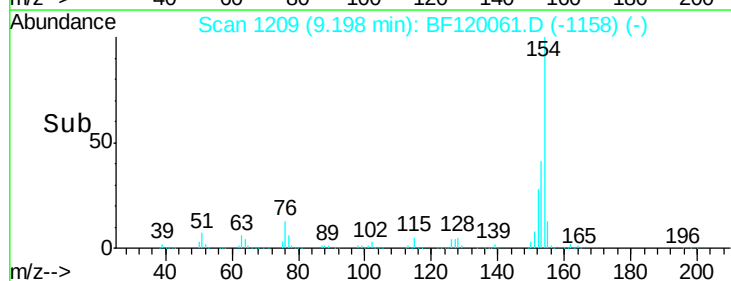
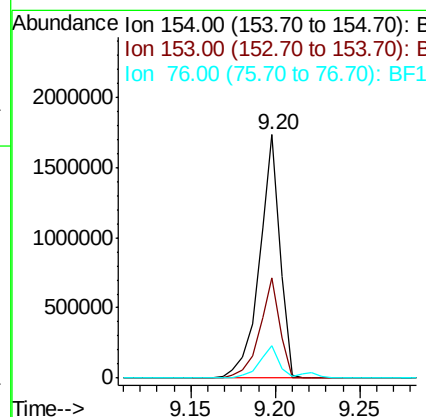
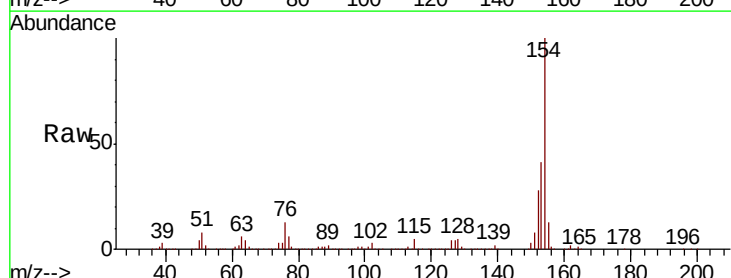
Manual Integrations
APPROVED

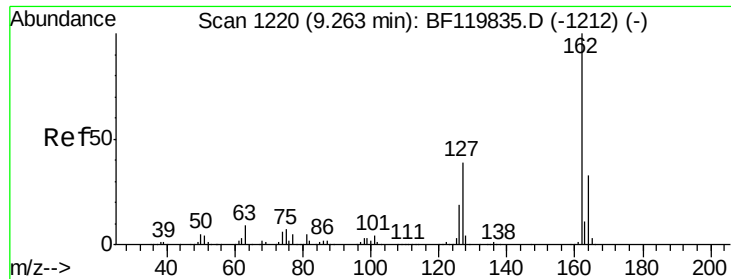
mohammad
4/21/2020 8:22:33 AM



#46
1,1'-Biphenyl
Concen: 50.971 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.3	20.5	60.5	
76	13.3	0.0	30.6	





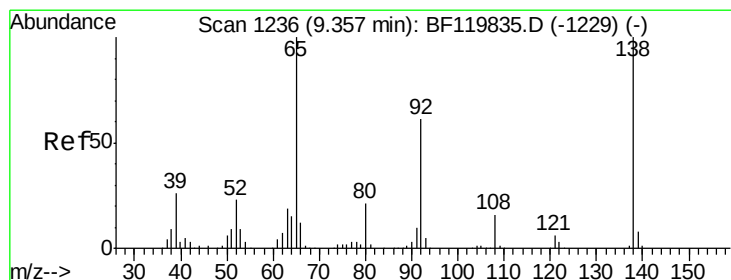
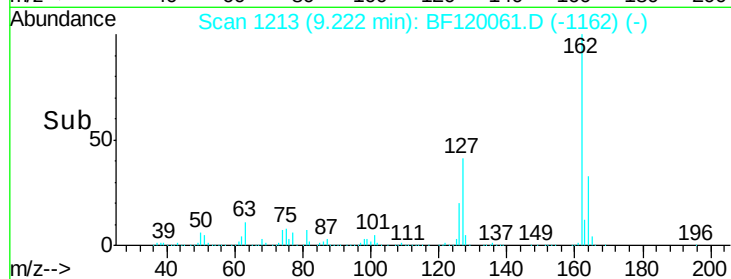
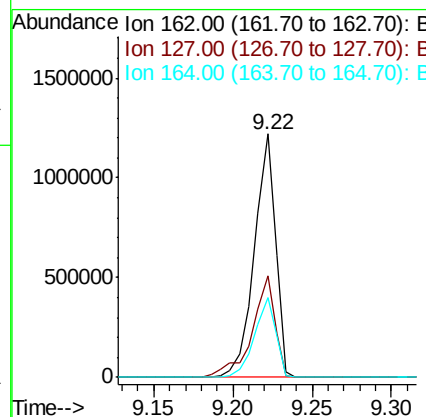
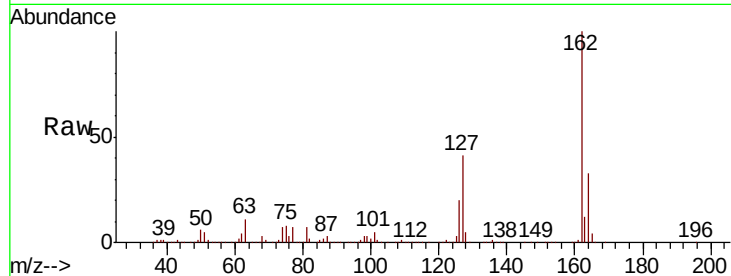
#47
2-Chloronaphthalene
Concen: 51.038 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	31.2	46.8
164	32.9	26.3	39.5

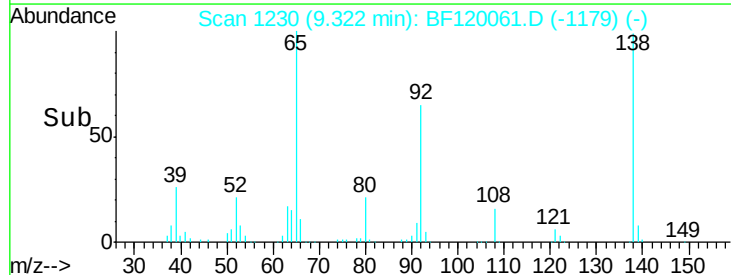
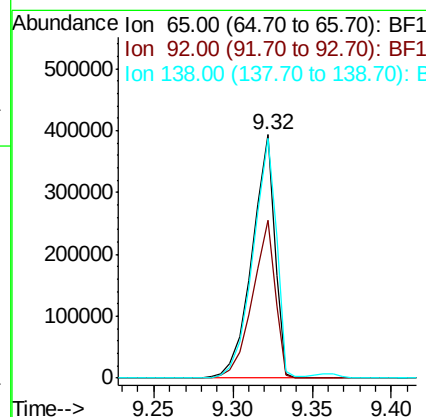
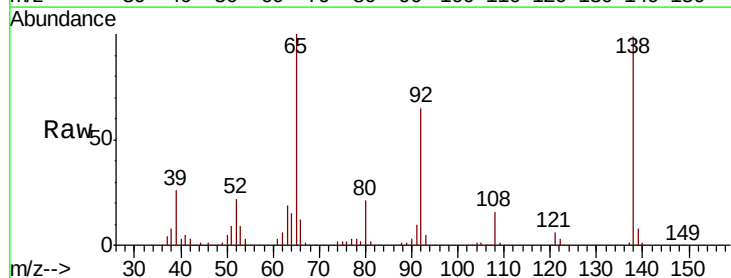
Manual Integrations
APPROVED

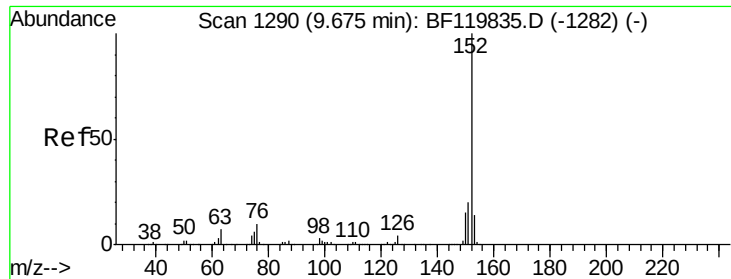
mohammad
4/21/2020 8:22:33 AM



#48
2-Nitroaniline
Concen: 48.663 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	49.0	73.6
138	98.5	79.7	119.5





#49

Acenaphthylene

Concen: 50.035 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:152 Resp: 1684770

Ion Ratio Lower Upper

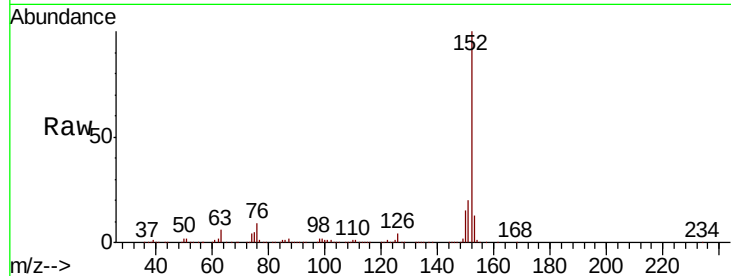
152 100

151 20.4 16.2 24.4

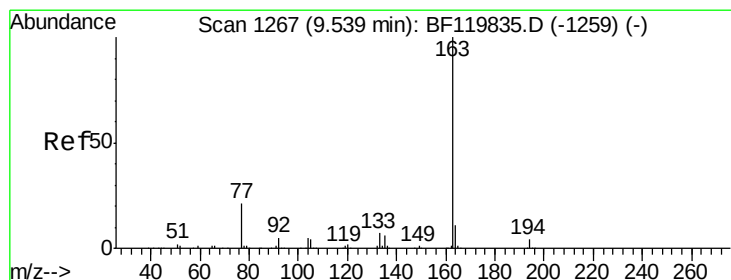
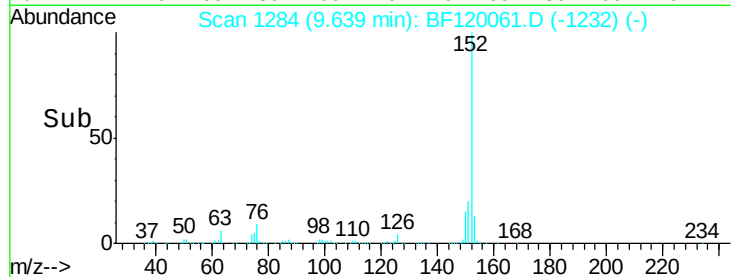
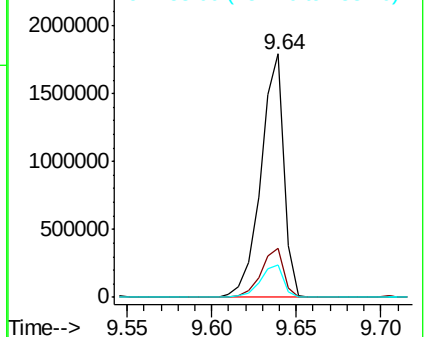
153 13.1 10.9 16.3

Manual Integrations
APPROVED

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



#50

Dimethylphthalate

Concen: 60.540 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

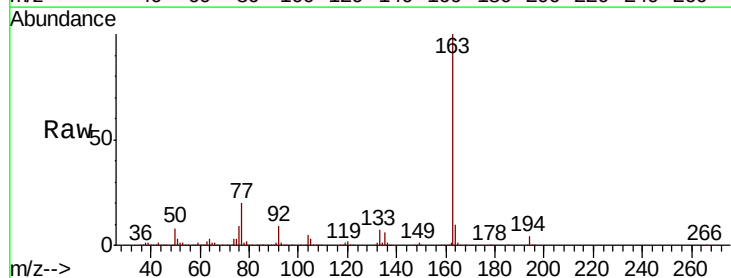
Tgt Ion:163 Resp: 1594534

Ion Ratio Lower Upper

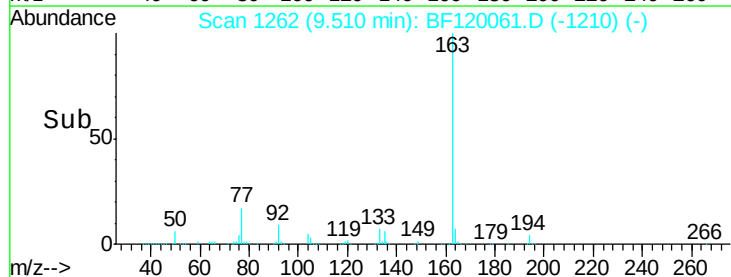
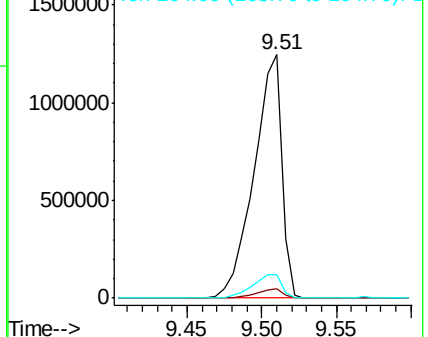
163 100

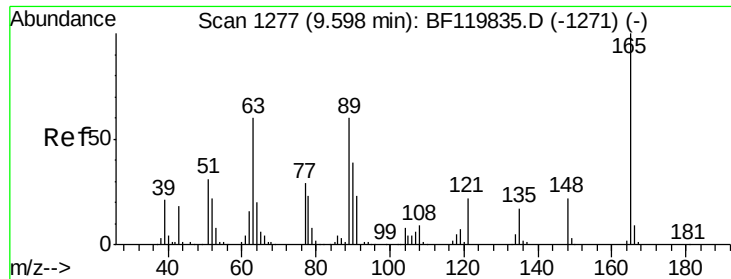
194 4.1 3.0 4.4

164 9.9 8.4 12.6



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





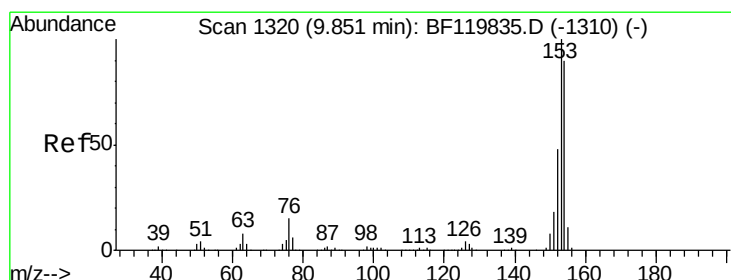
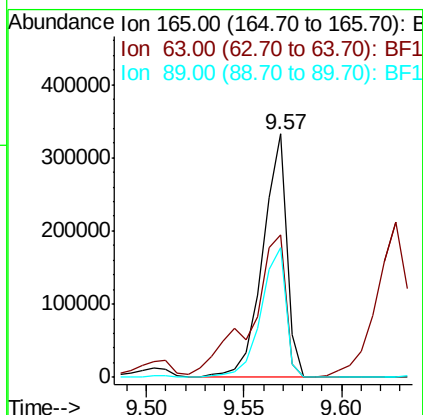
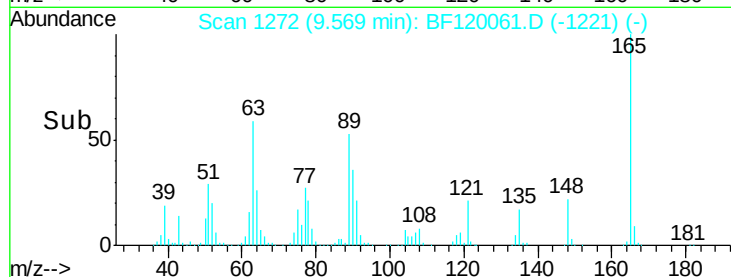
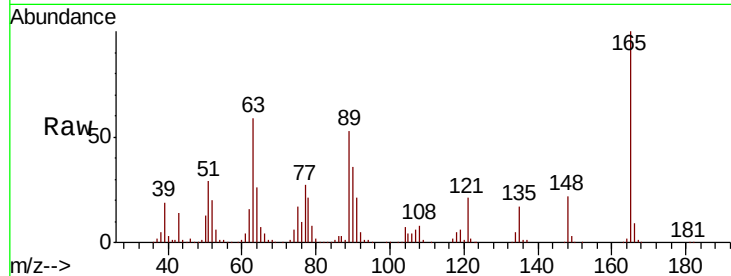
#51
2,6-Dinitrotoluene
Concen: 49.258 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	284104		
63	58.8		55.6	83.4
89	53.2		47.9	71.9

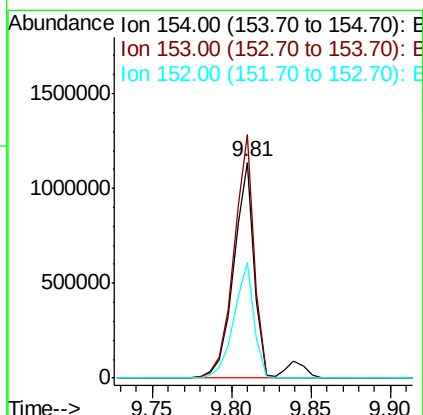
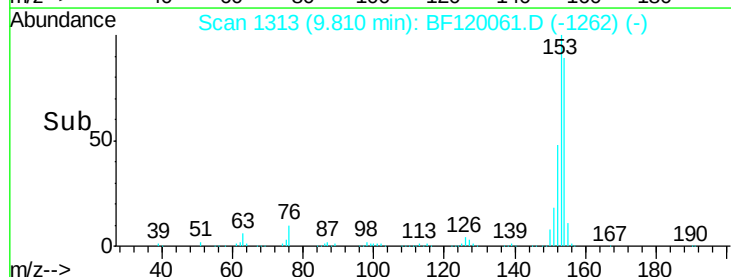
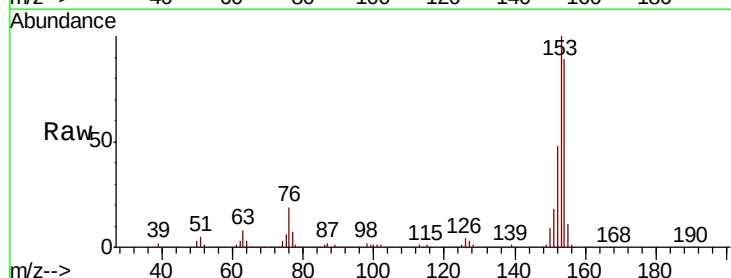
Manual Integrations
APPROVED

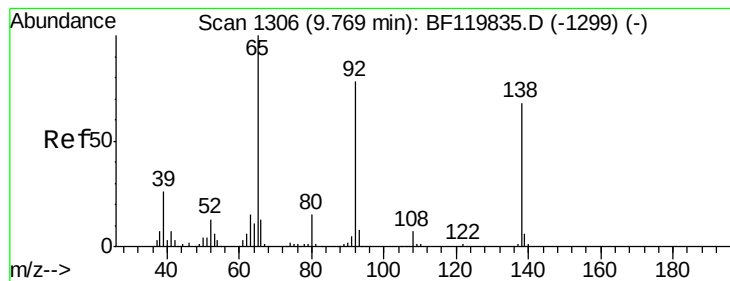
mohammad
4/21/2020 8:22:33 AM



#52
Acenaphthene
Concen: 48.065 ng m
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1079614		
153	112.7		88.8	133.2
152	53.6		42.4	63.6





#53

3-Nitroaniline

Concen: 25.297 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

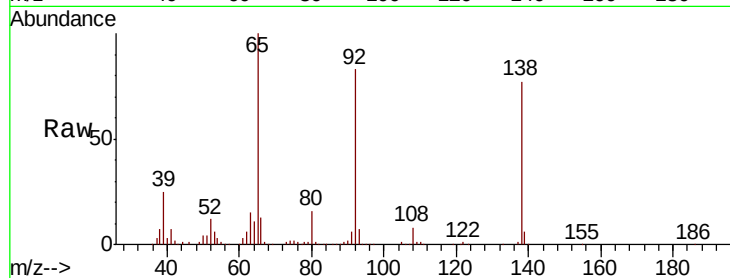
ClientSampleId :

BG-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
138	100				
108	10.0	8.0	12.0		
92	107.3	92.1	138.1		

Manual Integrations
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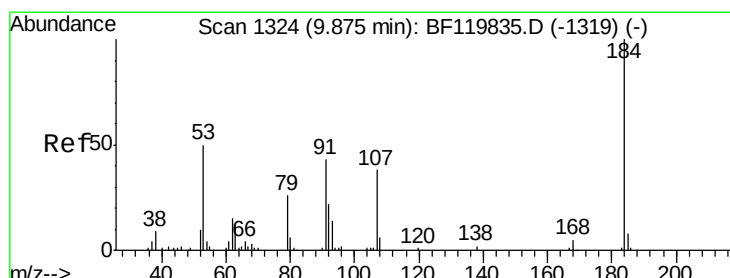
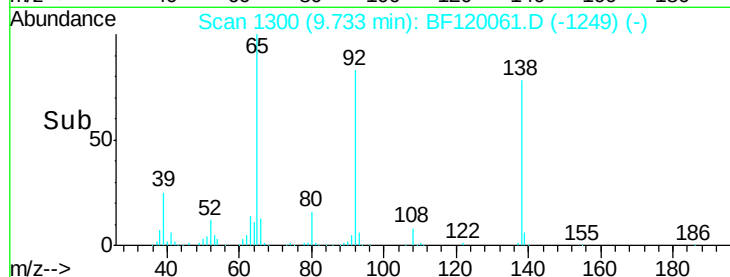
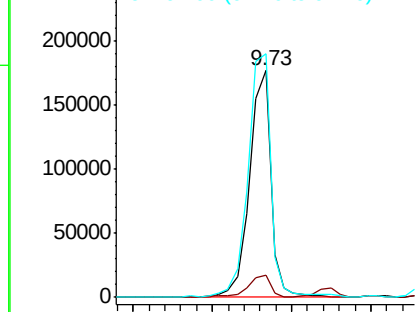


Abundance

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: 42.165 ng

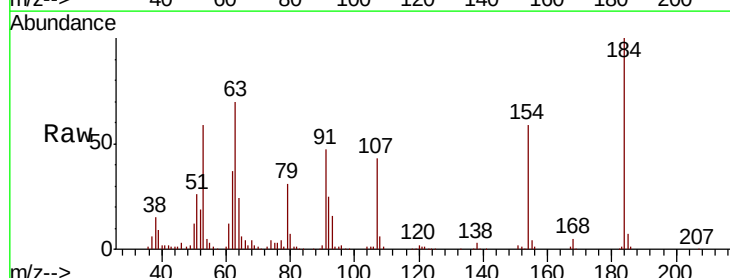
RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	70.2	49.8	74.6		
154	58.8	46.5	69.7		

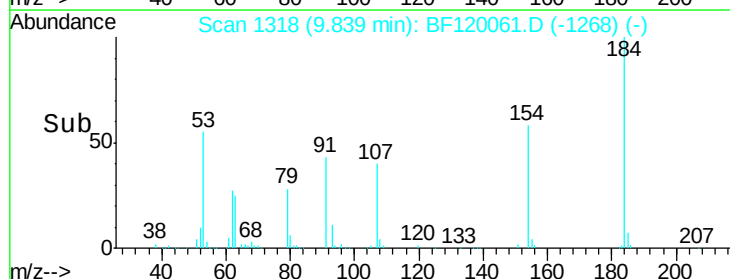
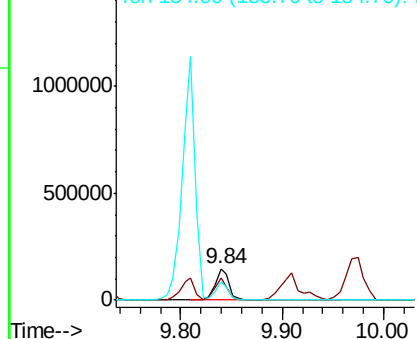


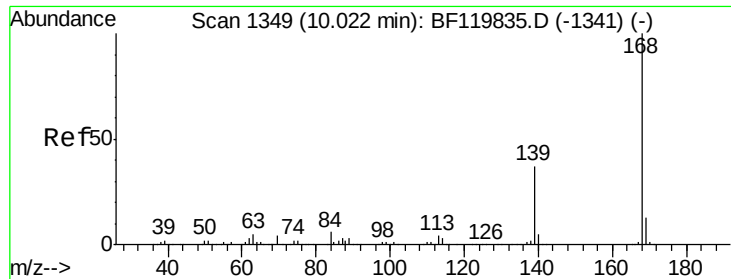
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





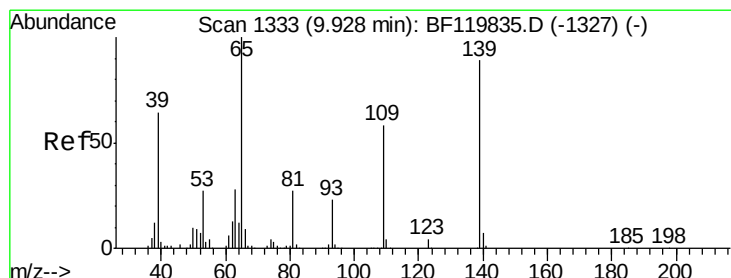
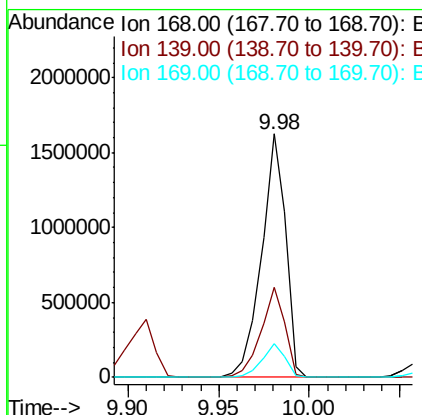
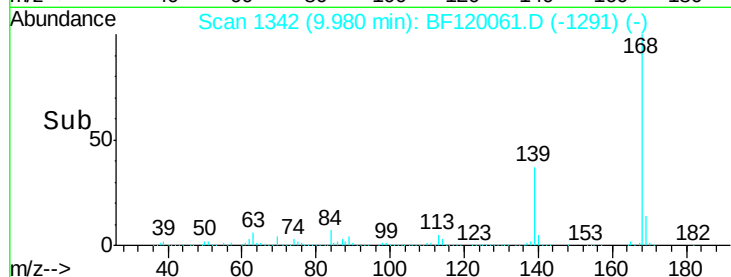
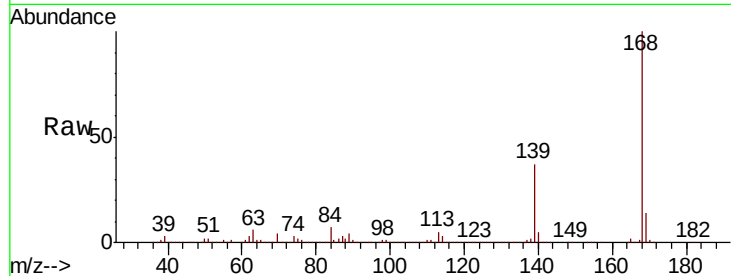
#55
Dibenzofuran
Concen: 48.737 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion:168 Resp: 1502206
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.8 10.6 15.8

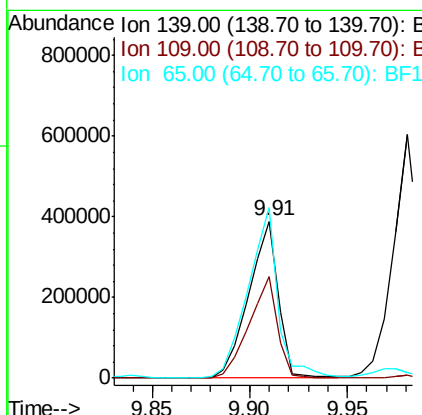
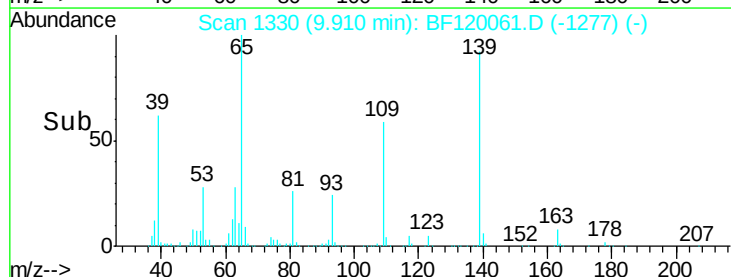
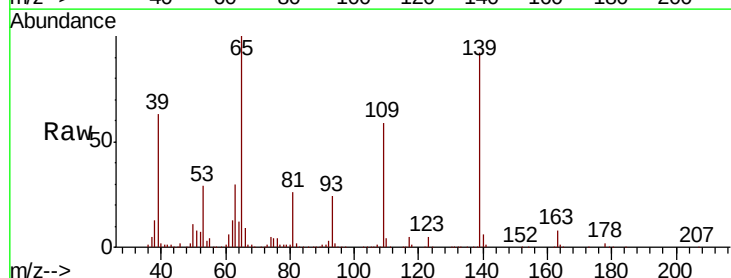
Manual Integrations
APPROVED

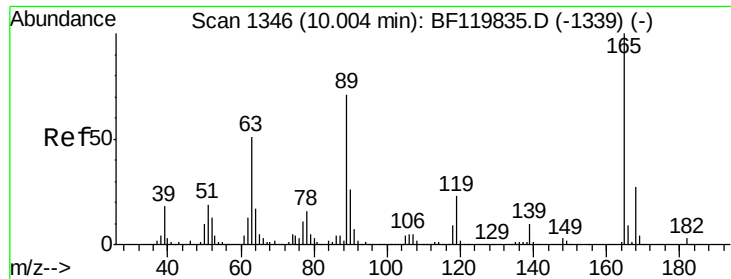
mohammad
4/21/2020 8:22:33 AM



#56
4-Nitrophenol
Concen: 83.331 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:139 Resp: 408426
Ion Ratio Lower Upper
139 100
109 64.4 45.5 85.5
65 109.2 92.3 132.3





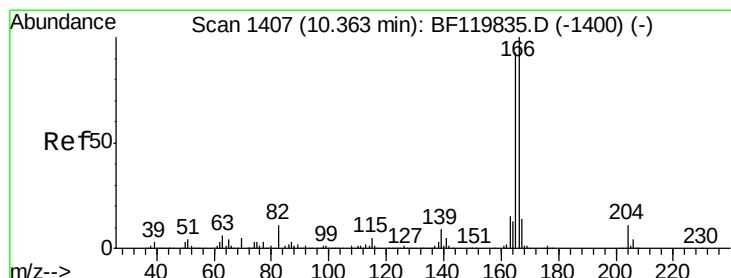
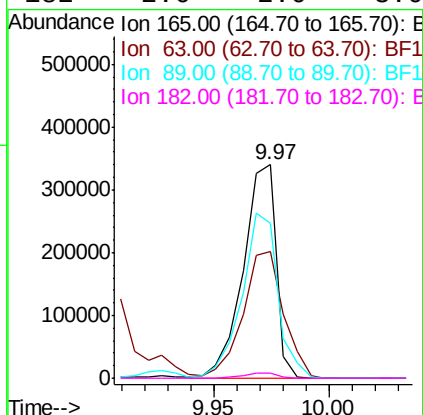
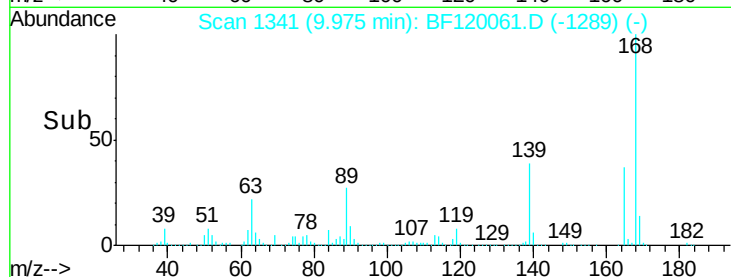
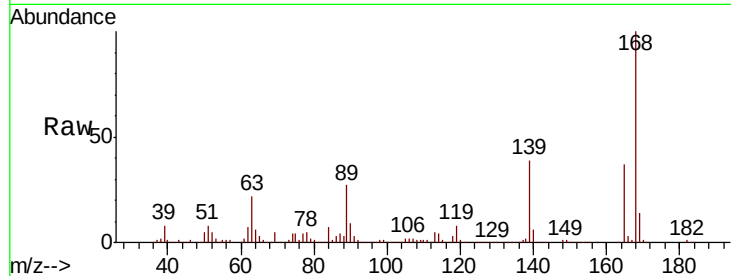
#57
 2,4-Dinitrotoluene
 Concen: 44.947 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	341549		
63	59.1	40.8	61.2	
89	72.7	56.9	85.3	
182	2.6	2.0	3.0	

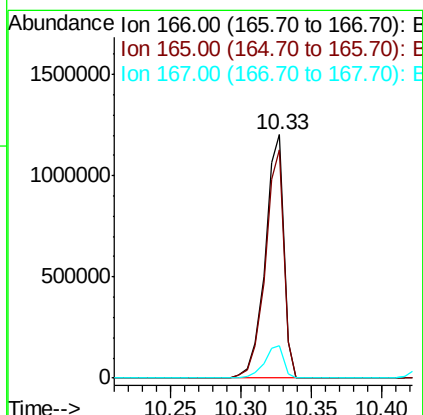
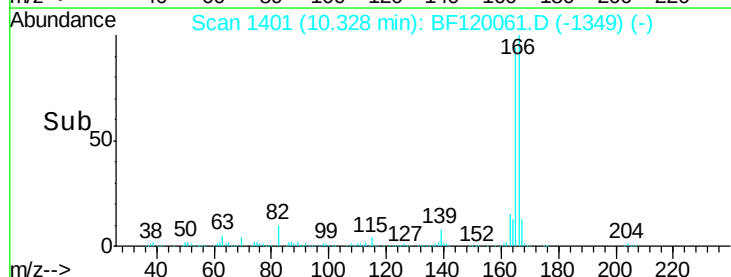
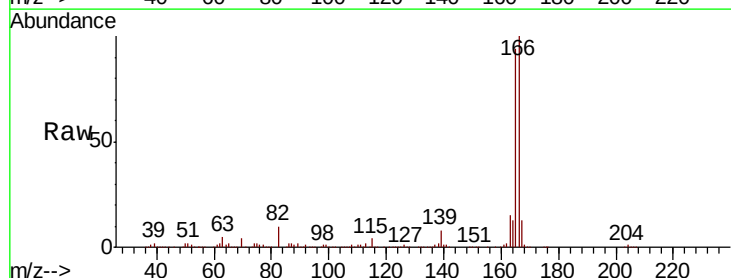
Manual Integrations
 APPROVED

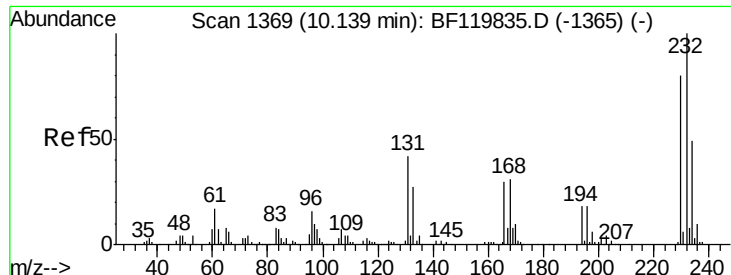
mohammad
 4/21/2020 8:22:33 AM



#58
 Fluorene
 Concen: 45.684 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1126127		
165	93.5	74.2	111.2	
167	13.1	10.8	16.2	





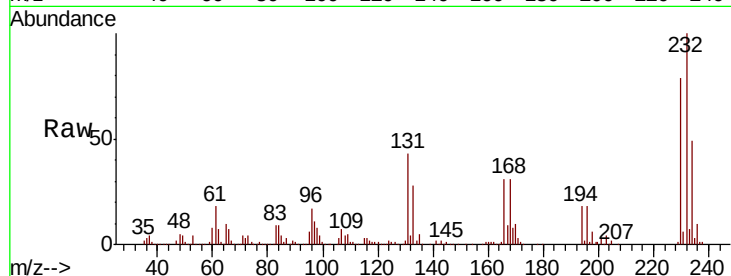
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.665 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

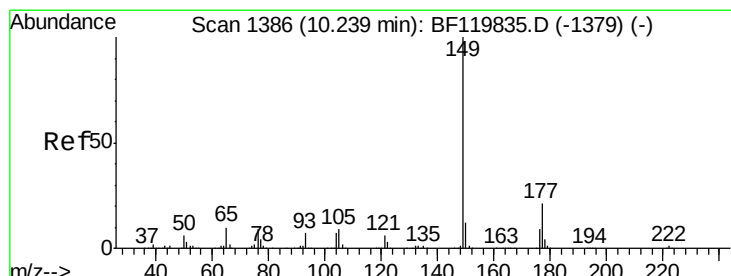
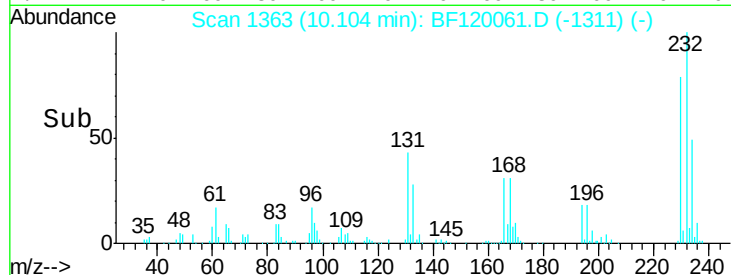
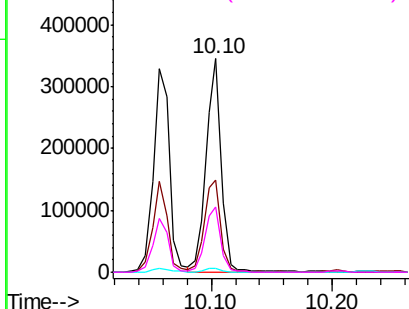
Tot Ion	Ratio	Resp	Lower	Upper
232	100	298538		
131	46.1		37.9	56.9
130	2.2		1.8	2.6
166	31.5		25.4	38.0

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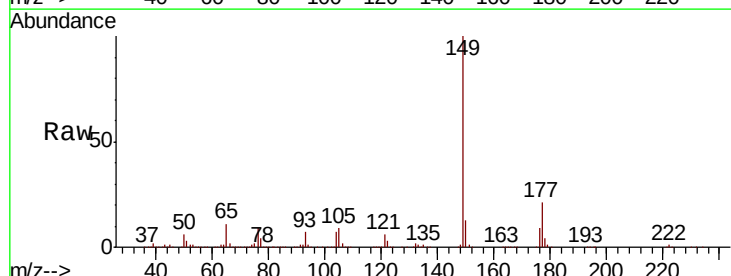


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

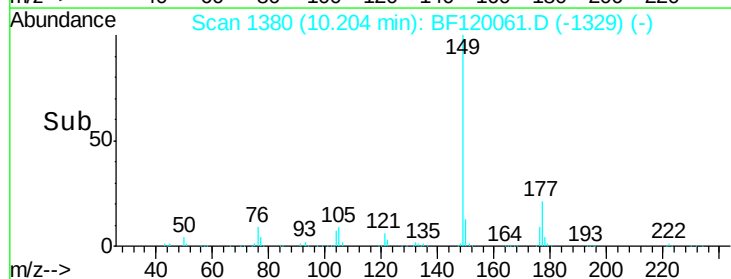
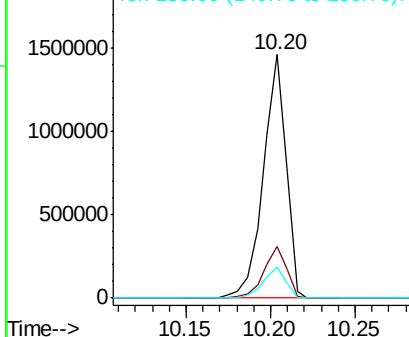


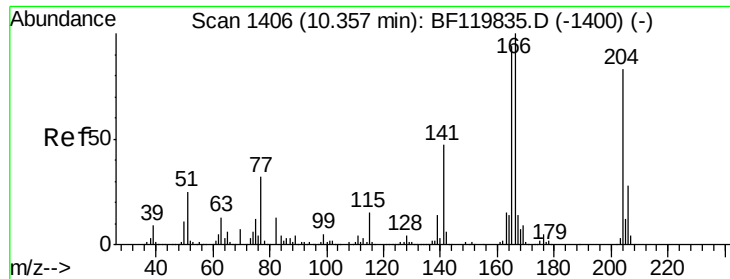
#60
 Diethylphthalate
 Concen: 49.624 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1354644		
177	21.0		16.8	25.2
150	13.0		9.8	14.6



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





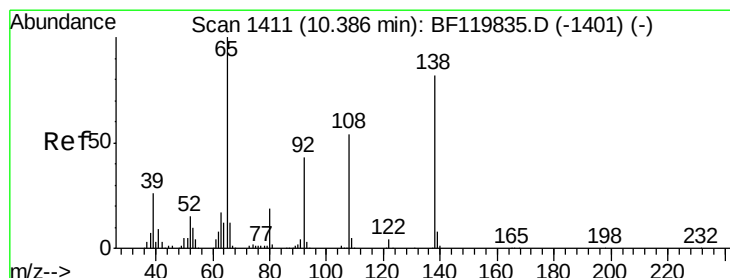
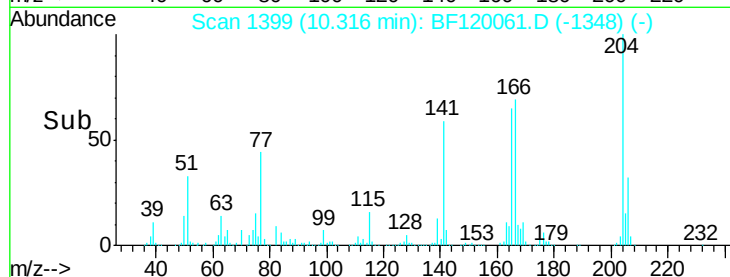
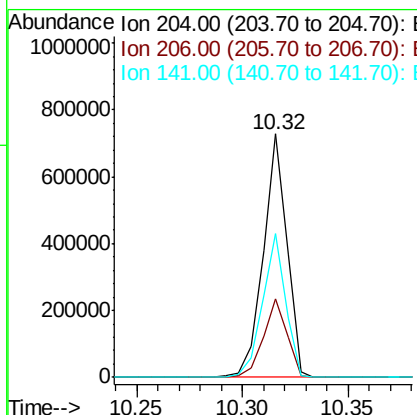
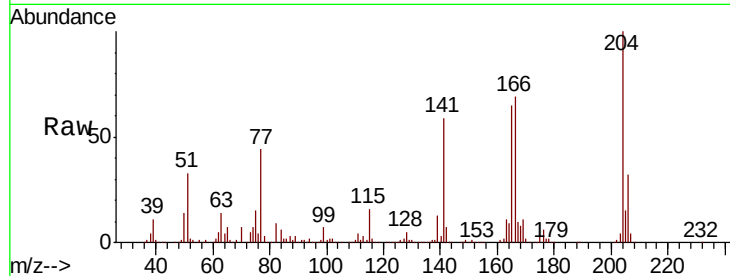
#61
 4-Chlorophenyl-phenylether
 Concen: 44.823 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion:	204	Resp:	566307
Ion Ratio		Lower	Upper
204	100		
206	32.2	26.7	40.1
141	58.8	45.8	68.8

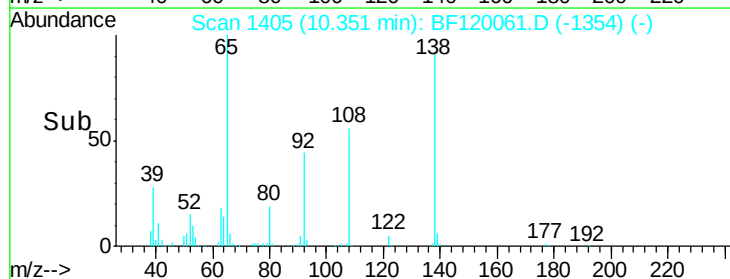
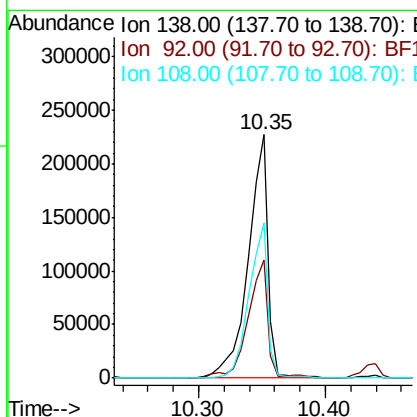
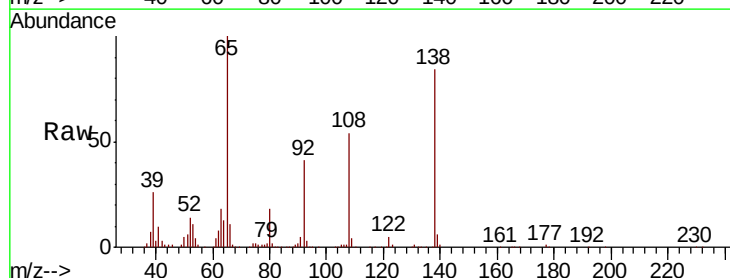
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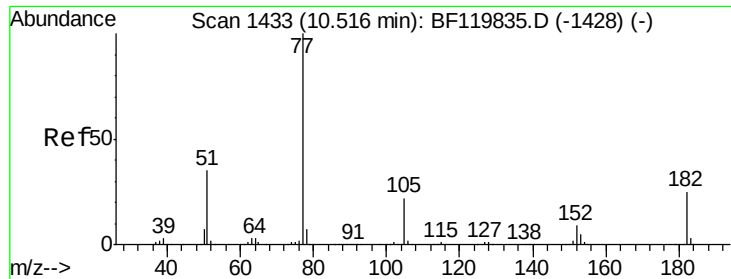
mohammad
 4/21/2020 8:22:33 AM



#62
 4-Nitroaniline
 Concen: 39.266 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:	138	Resp:	246500
Ion Ratio		Lower	Upper
138	100		
92	48.6	31.6	71.6
108	64.0	45.2	85.2





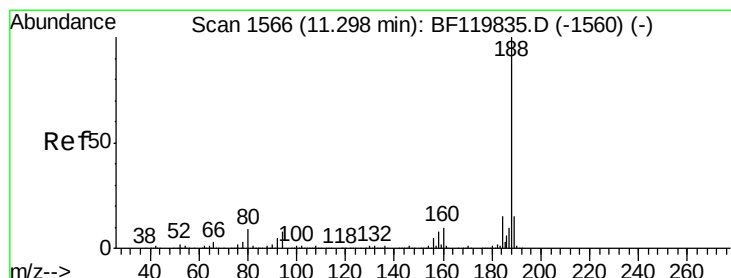
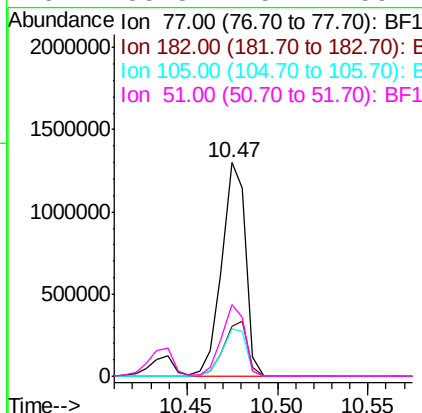
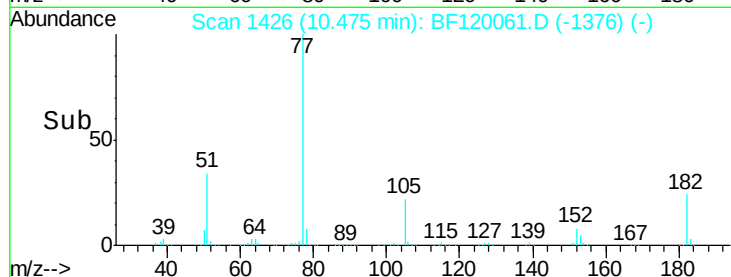
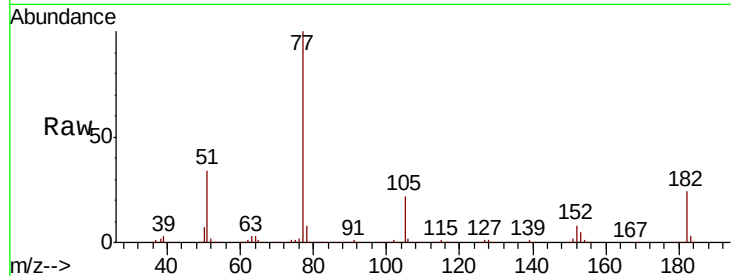
#63
Azobenzene
Concen: 48.567 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.7	4.5	44.5	
105	22.1	2.2	42.2	
51	33.8	15.1	55.1	

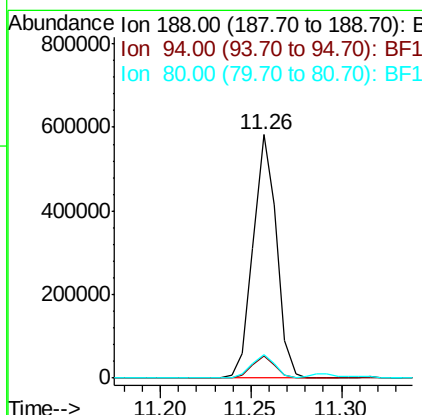
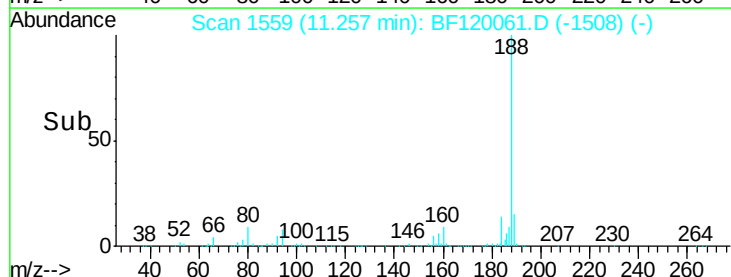
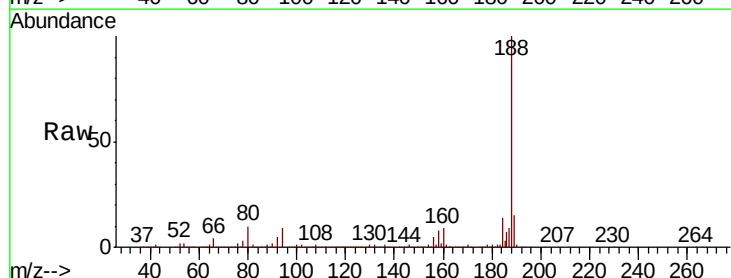
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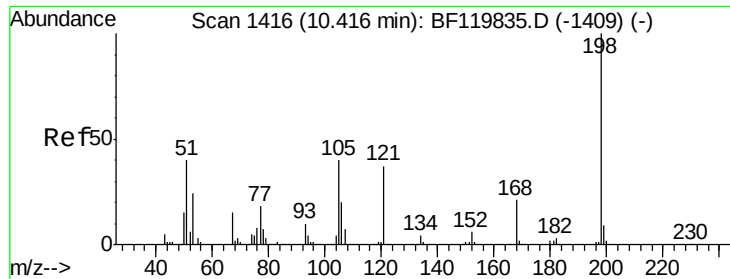
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	6.7	10.1	
80	9.6	7.4	11.2	





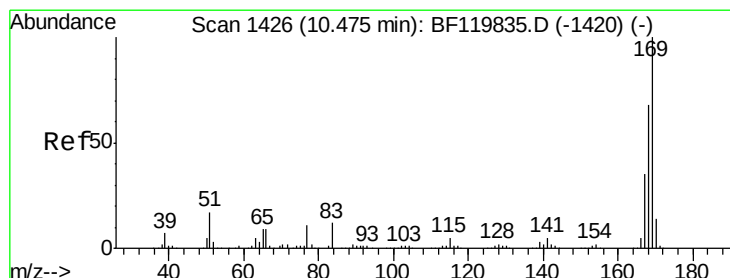
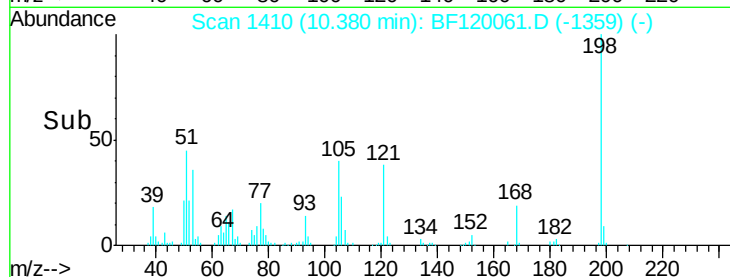
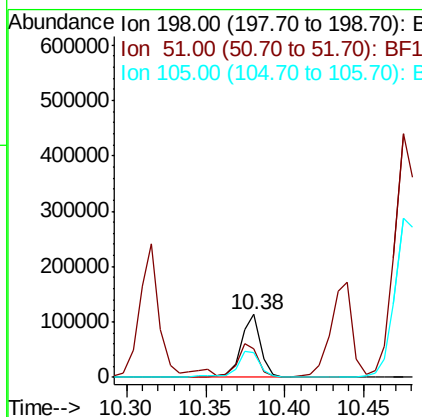
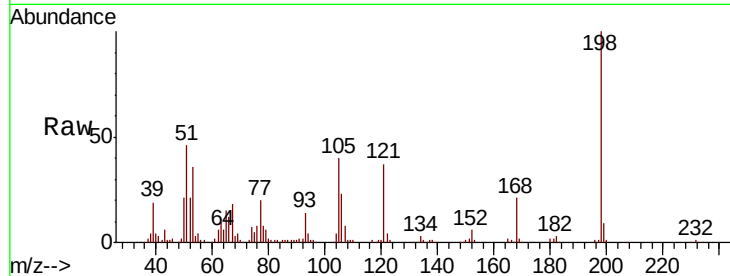
#65
4,6-Dinitro-2-methylphenol
Concen: 27.950 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.2	65.2
105	39.7	20.8	60.8

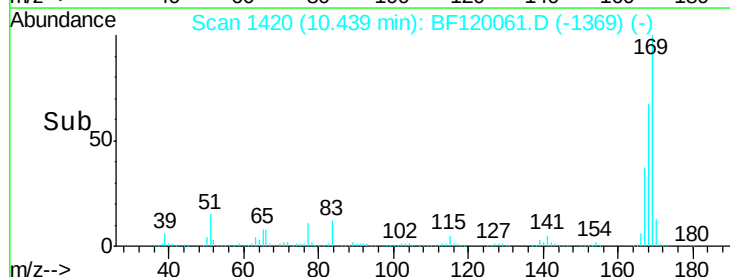
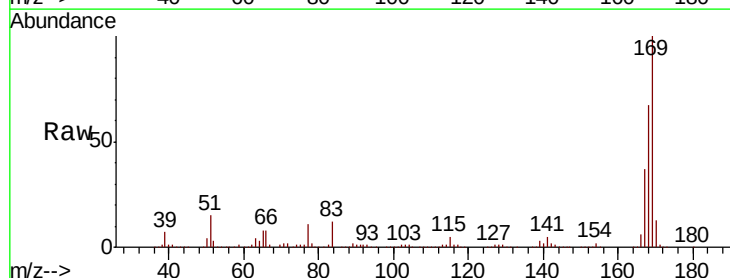
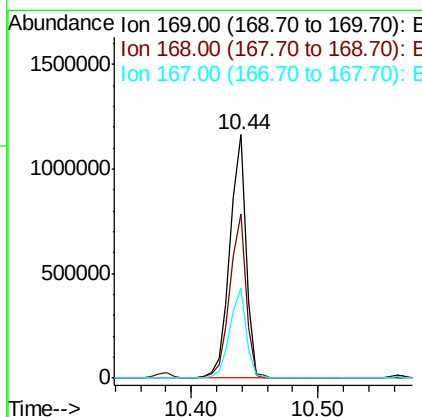
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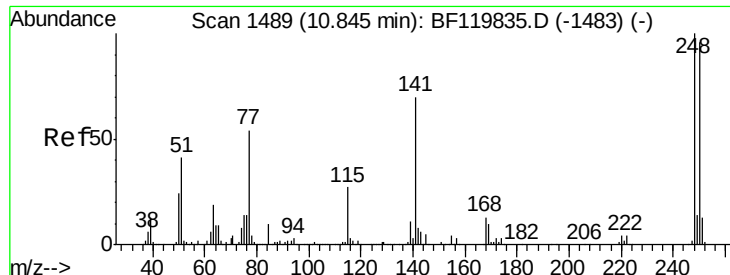
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 58.939 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.4
167	36.7	28.3	42.5





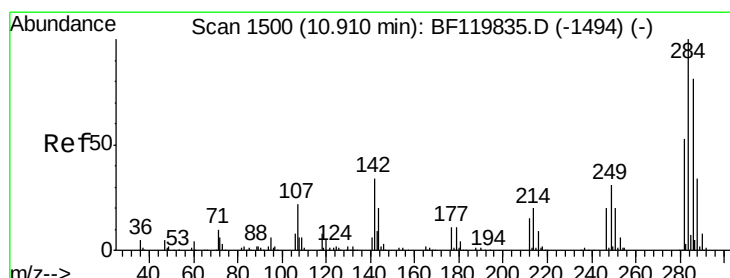
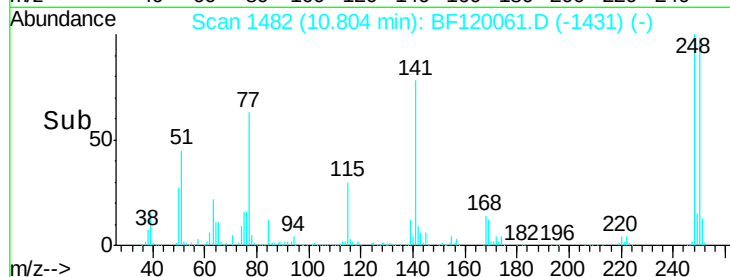
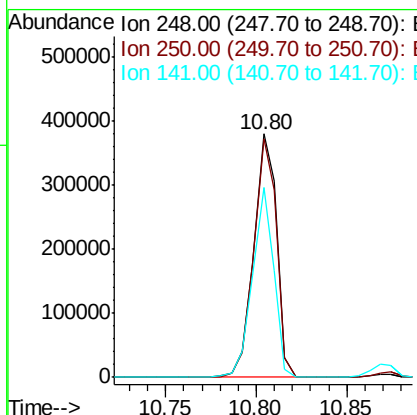
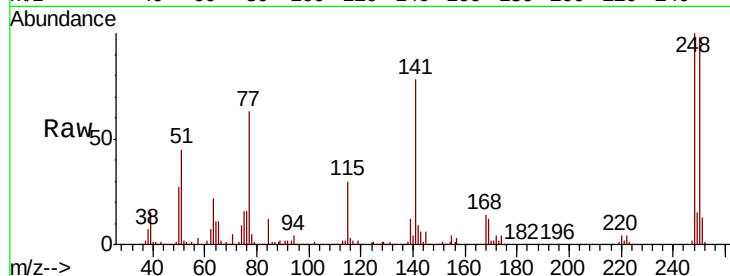
#67
 4-Bromophenyl-phenylether
 Concen: 51.509 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampled :
 BG-4MS

Tot Ion:	248	Resp:	334993
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.6	114.8
141	78.0	55.9	83.9

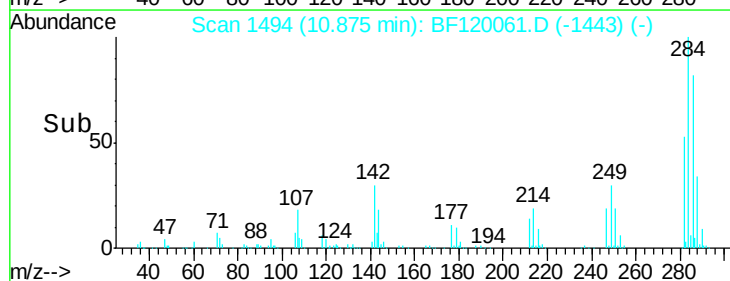
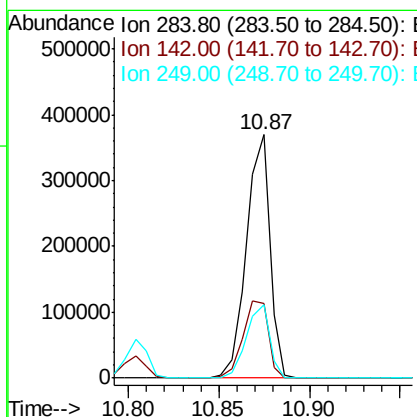
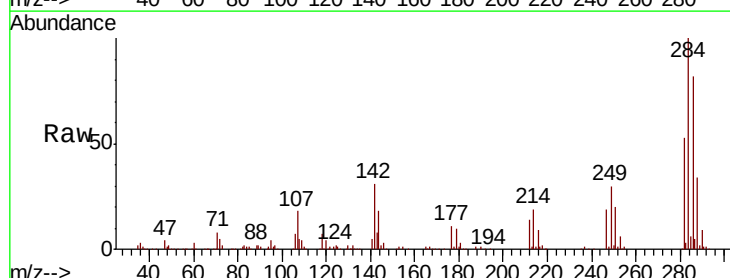
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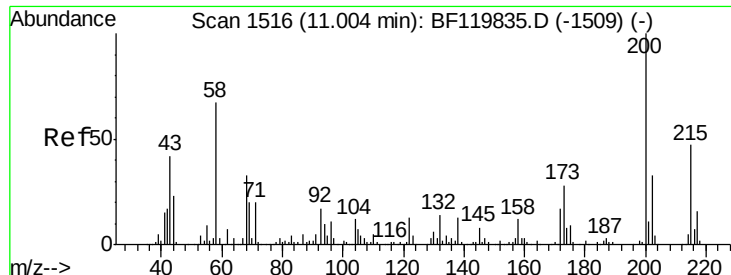
mohammad
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#68
 Hexachlorobenzene
 Concen: 50.587 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion:	284	Resp:	333753
Ion Ratio	Lower	Upper	
284	100		
142	30.6	26.9	40.3
249	30.3	24.6	37.0





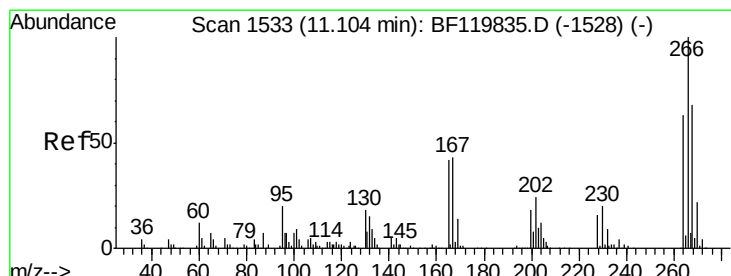
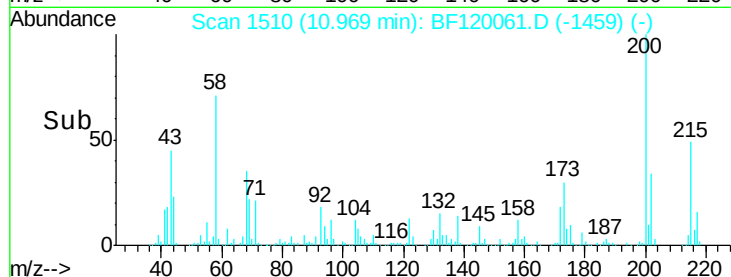
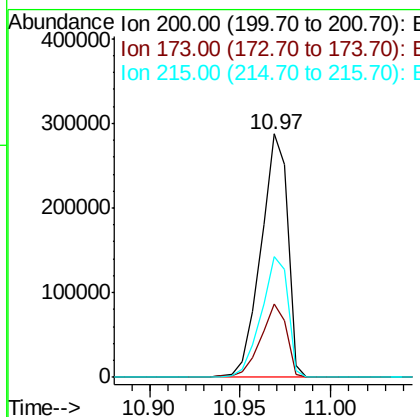
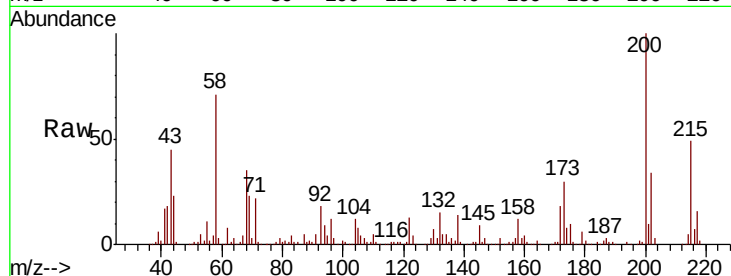
#69
Atrazine
Concen: 60.983 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampled :
BG-4MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	8.0	48.0
215	49.4	27.1	67.1

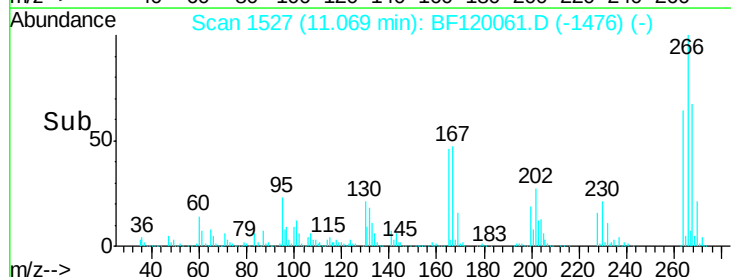
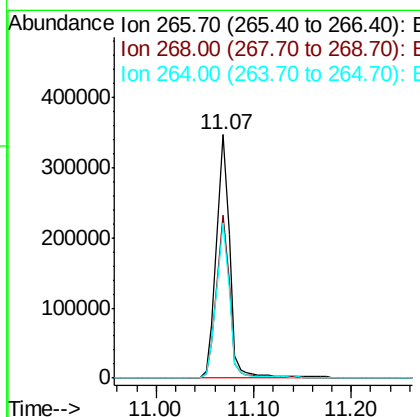
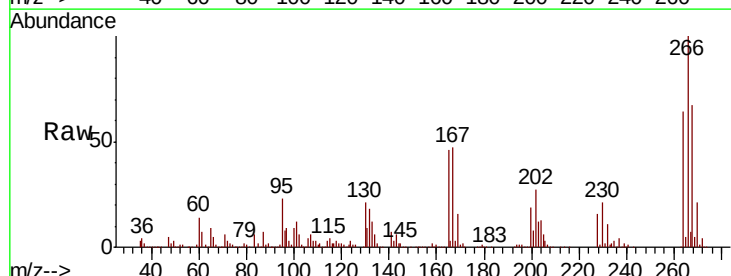
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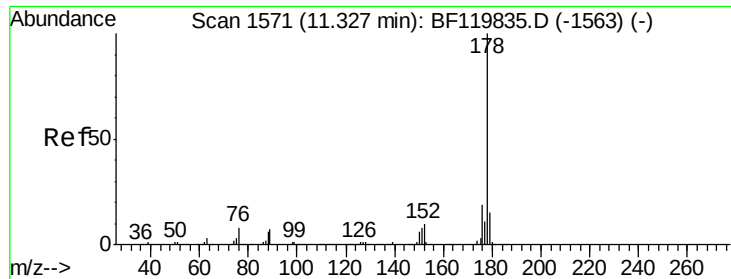
mohammad
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#70
Pentachlorophenol
Concen: 88.724 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.9	54.2	81.4
264	64.0	50.6	76.0





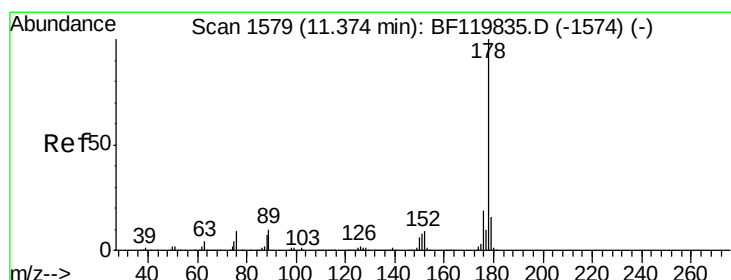
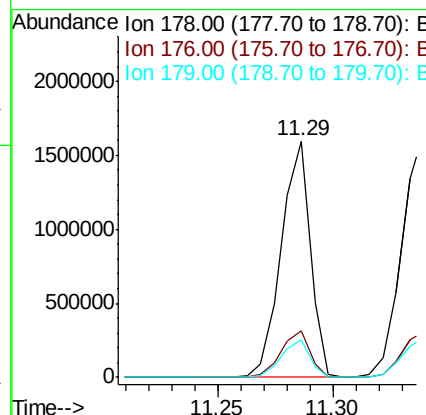
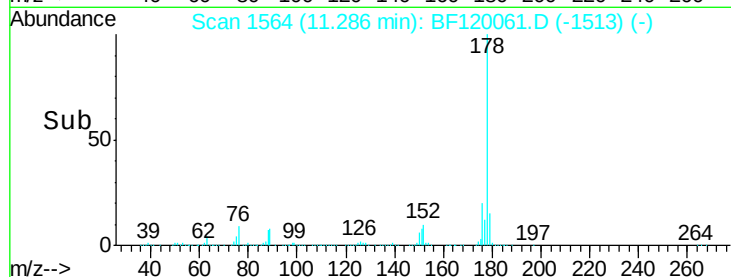
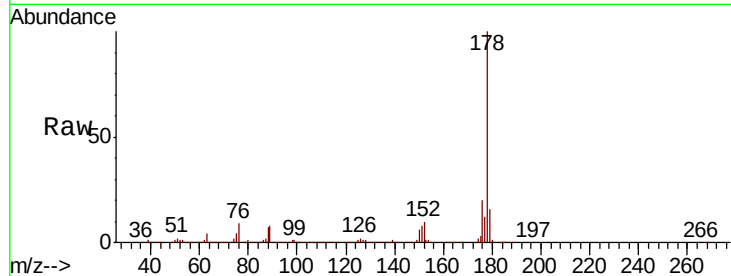
#71
Phenanthrene
Concen: 50.225 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion:178 Resp: 1397898
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.6 12.2 18.4

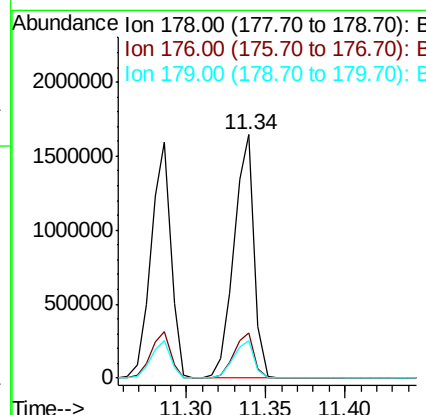
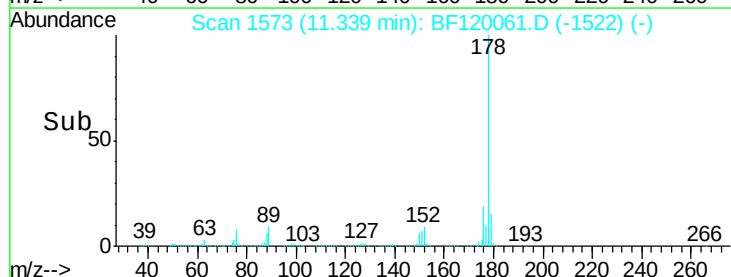
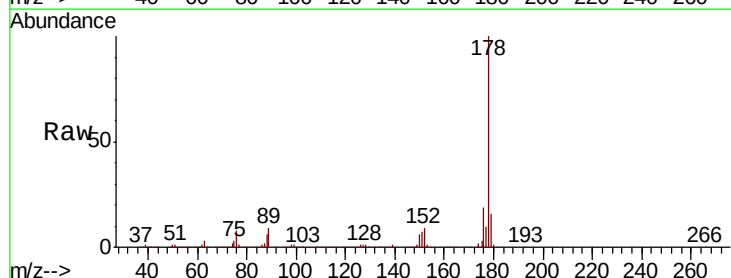
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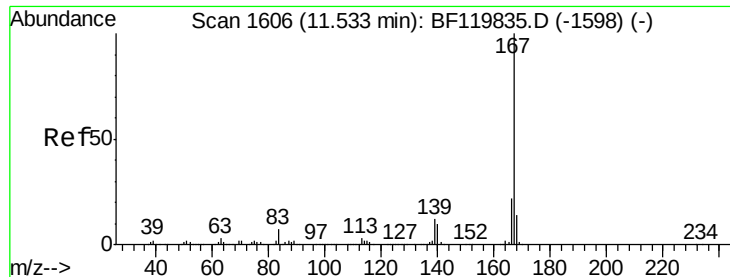
mohammad
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#72
Anthracene
Concen: 50.768 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion:178 Resp: 1443482
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.8 19.2





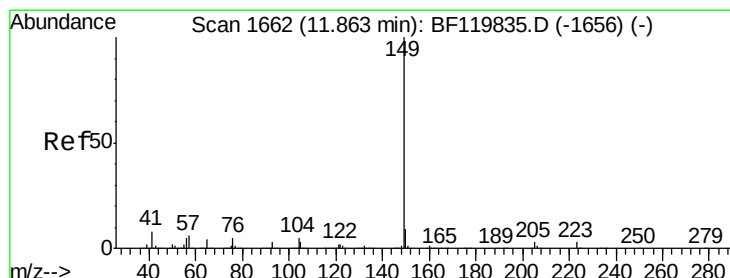
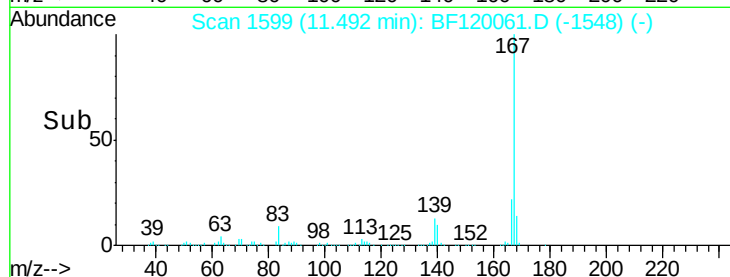
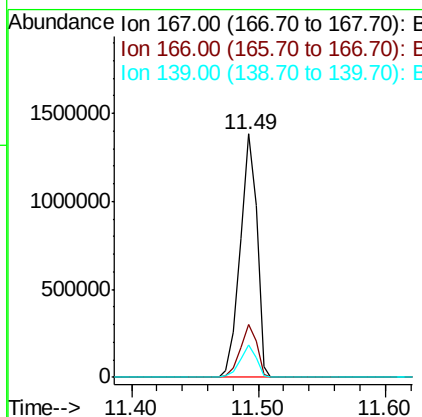
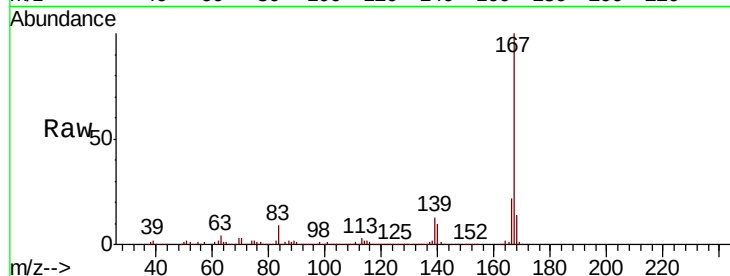
#73
 Carbazole
 Concen: 46.469 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.4	9.8	14.8

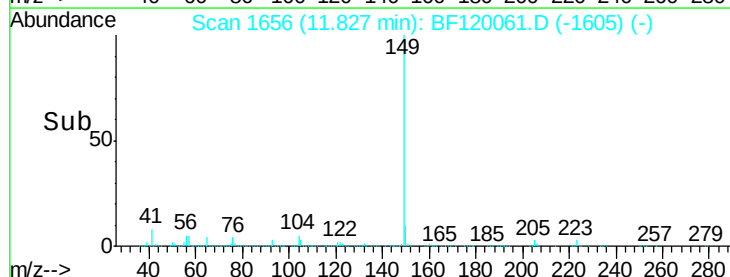
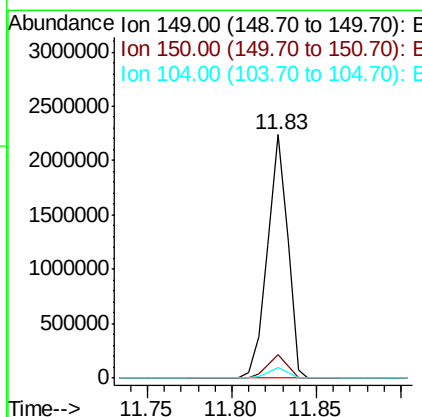
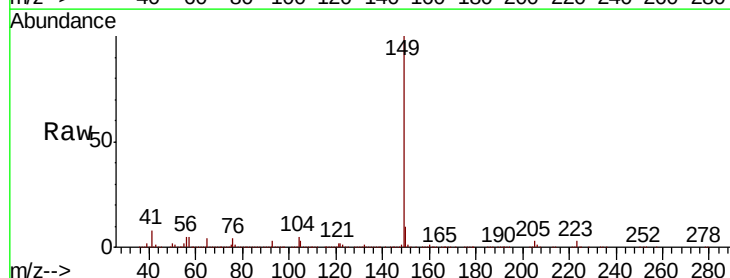
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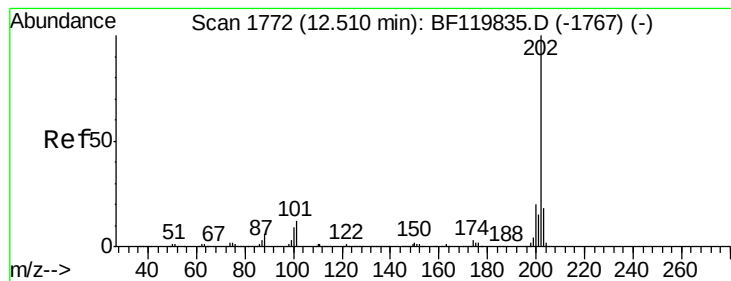
mohammad
 4/21/2020 8:22:33 AM



#74
 Di-n-butylphthalate
 Concen: 52.487 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.6	3.8	5.6





#75

Fluoranthene

Concen: 42.868 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:202 Resp: 1287362

Ion Ratio Lower Upper

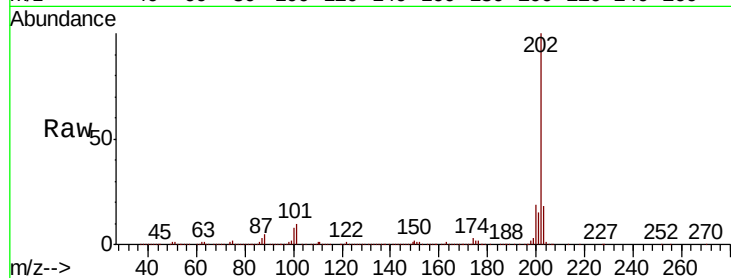
202 100

101 10.2 0.0 32.3

203 17.7 0.0 37.6

Manual Integrations
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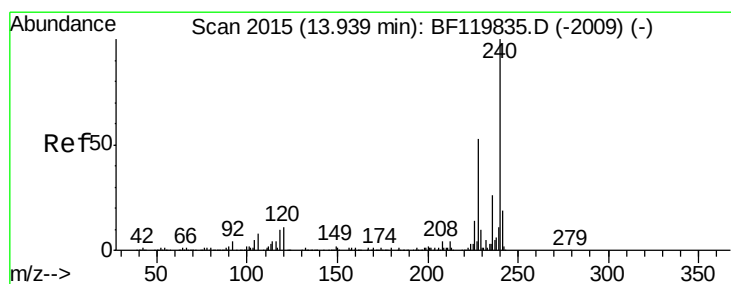
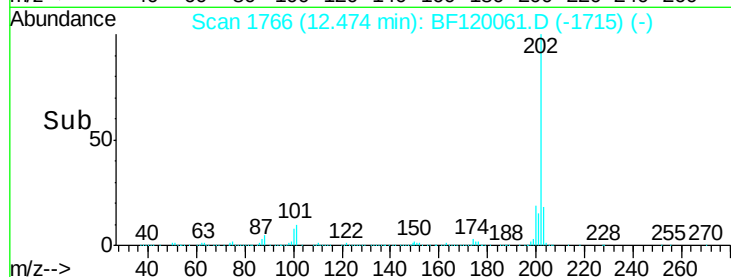
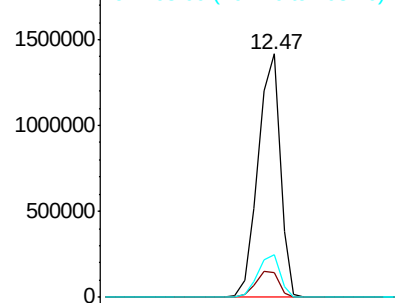
mohammad
4/21/2020 8:22:33 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

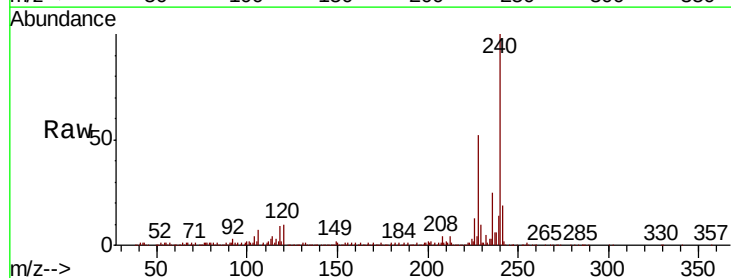
Tgt Ion:240 Resp: 308156

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

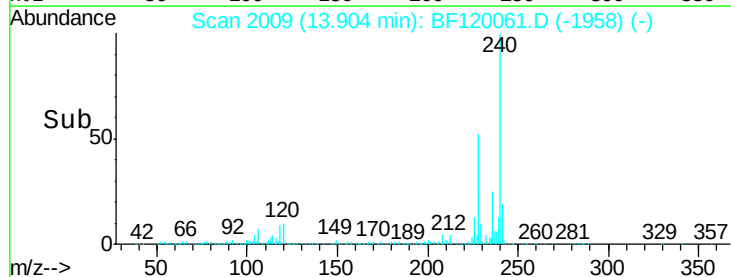
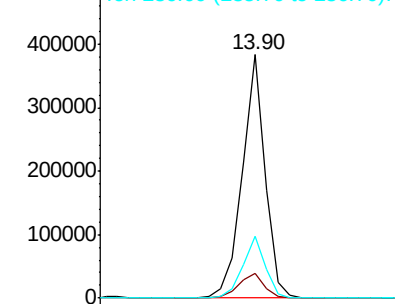
236 25.4 20.7 31.1

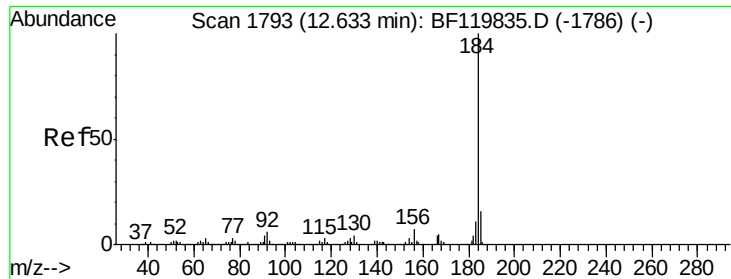


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.033 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

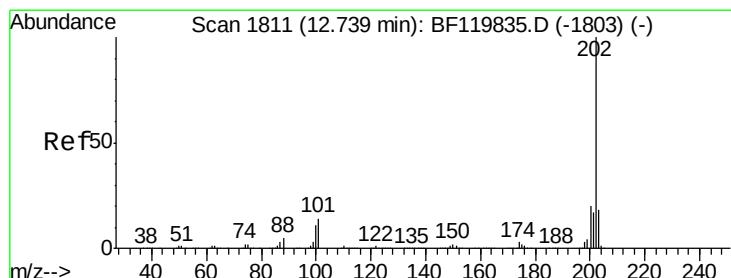
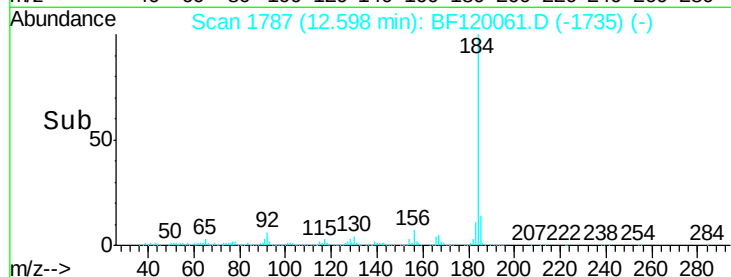
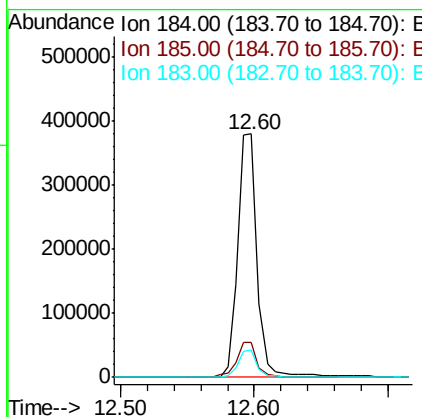
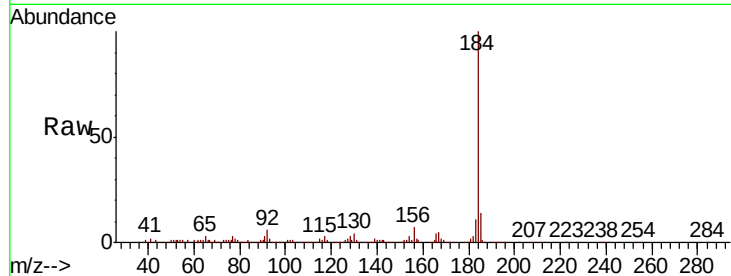
ClientSampled :

BG-4MS

Tot Ion:	184	Resp:	385761
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.2	19.8
183	11.3	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 48.597 ng

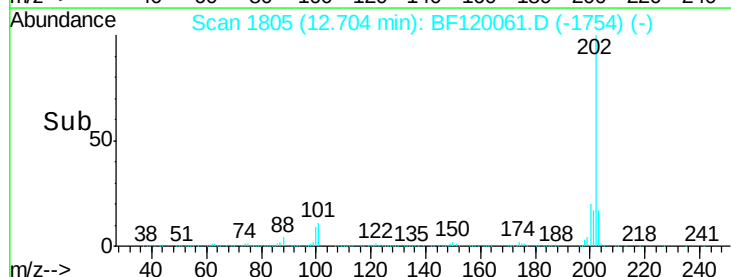
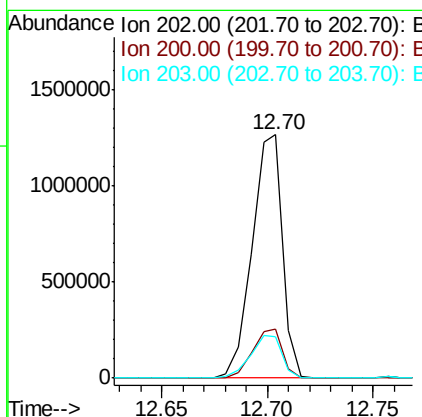
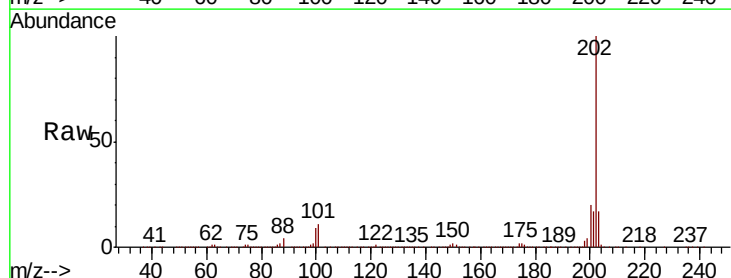
RT: 12.70 min Scan# 1805

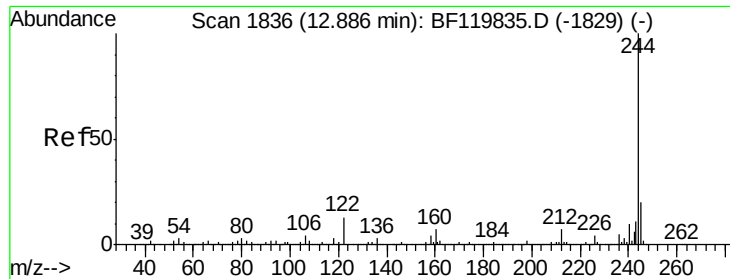
Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	202	Resp:	1262456
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.2	24.2
203	17.2	14.1	21.1





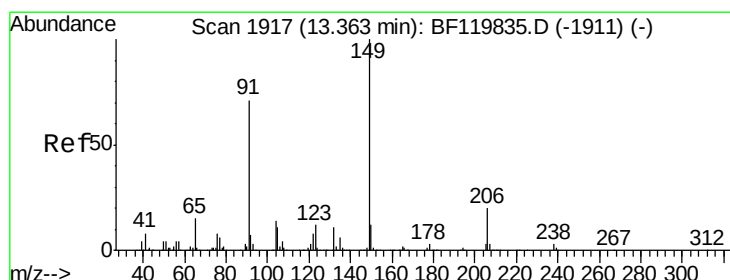
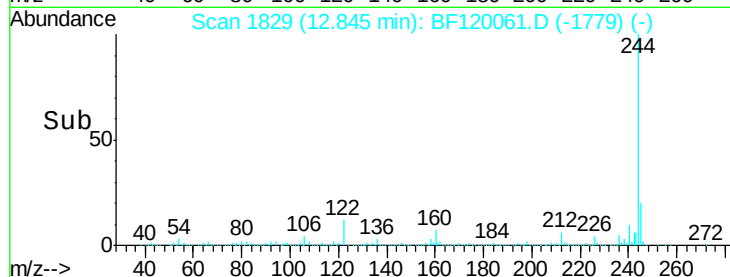
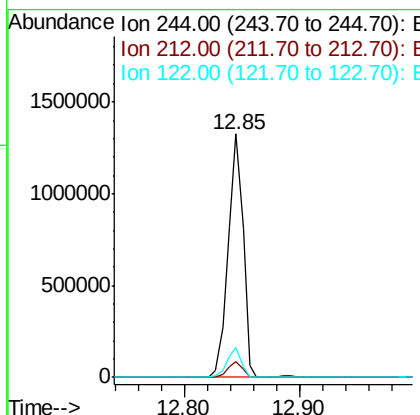
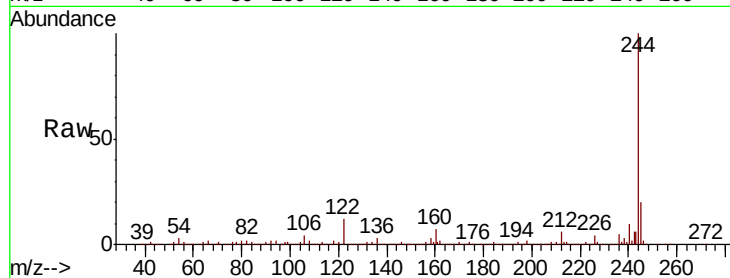
#79
 Terphenyl-d14
 Concen: 64.495 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.3	10.3	15.5

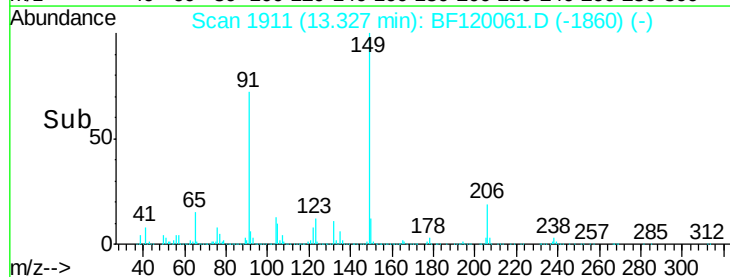
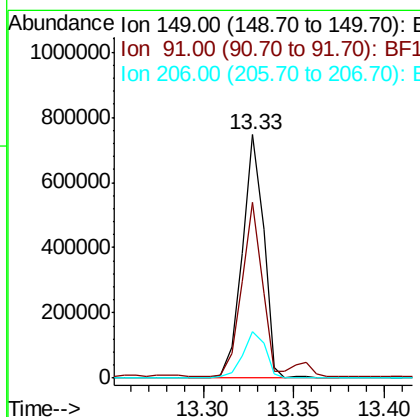
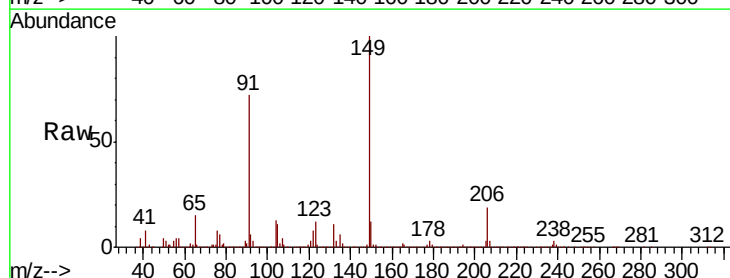
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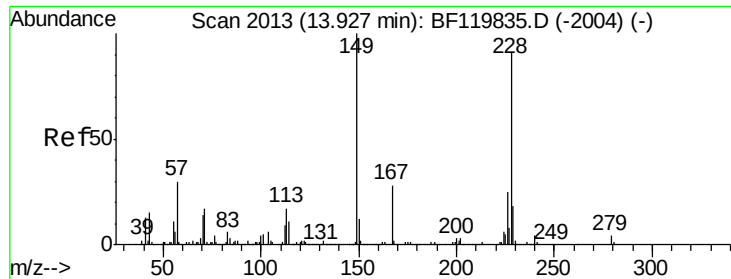
mohammad
 4/21/2020 8:22:33 AM



#80
 Butylbenzylphthalate
 Concen: 48.398 ng
 RT: 13.33 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.7	85.1
206	19.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 50.259 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

ClientSampleId :

BG-4MS

Tot Ion:228 Resp: 1018879

Ion Ratio Lower Upper

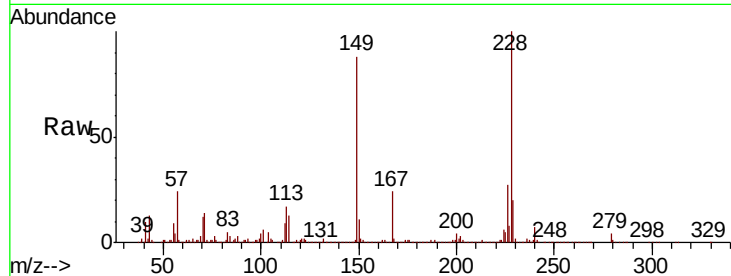
228 100

226 27.2 21.9 32.9

229 19.9 15.9 23.9

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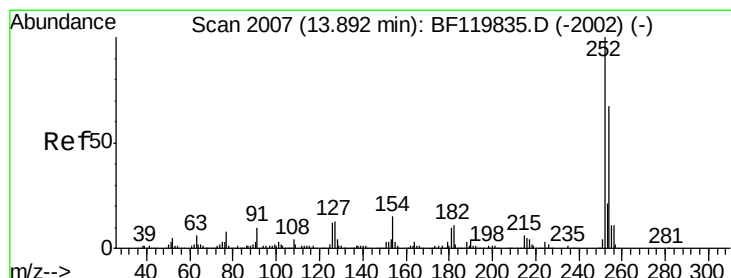
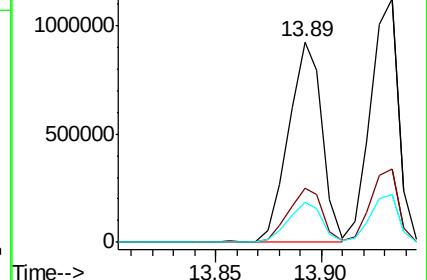
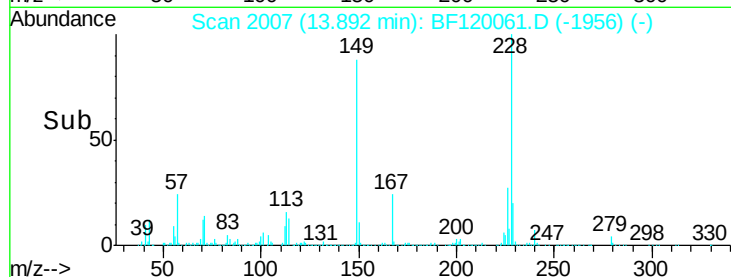
mohammad
4/21/2020 8:22:33 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.685 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

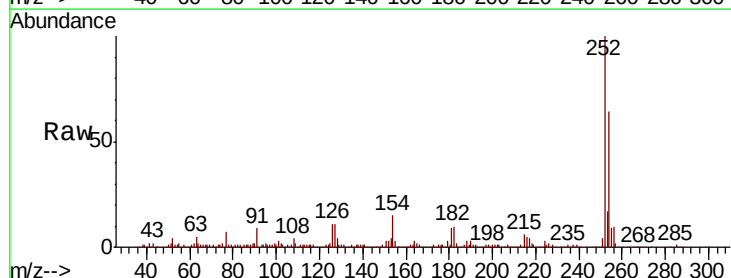
Tgt Ion:252 Resp: 247236

Ion Ratio Lower Upper

252 100

254 63.5 53.9 80.9

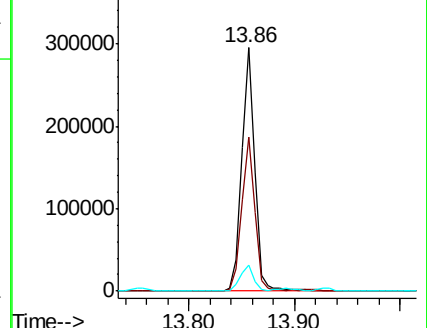
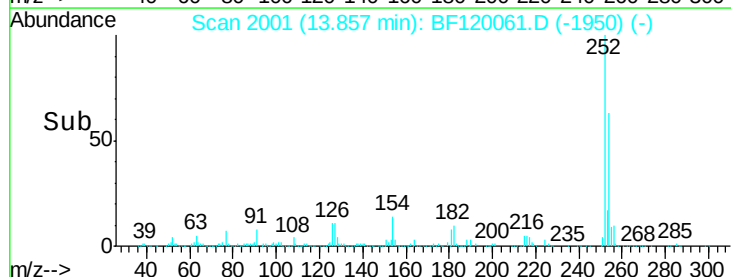
126 10.9 9.7 14.5

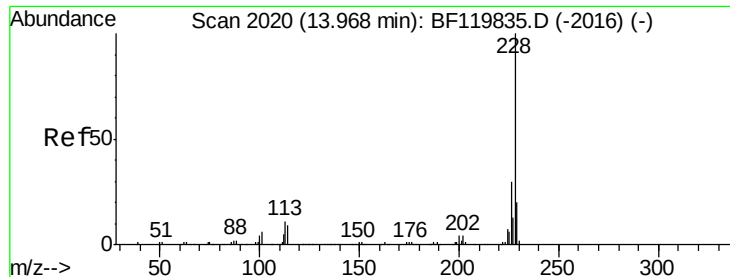


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





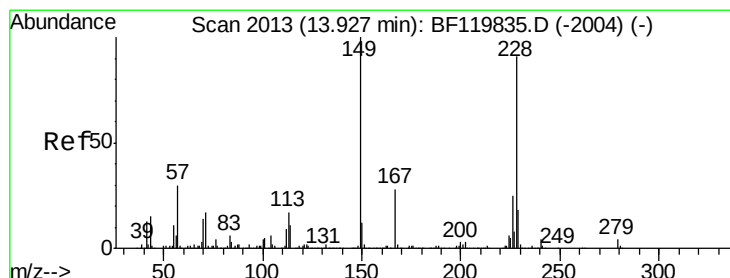
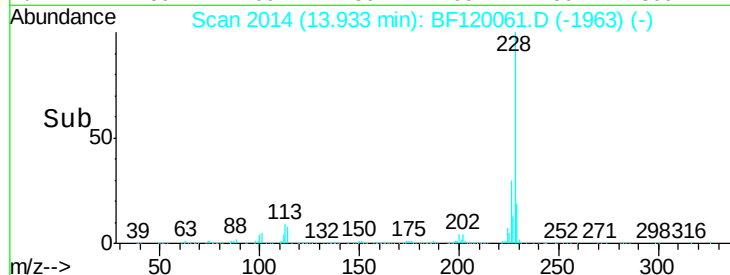
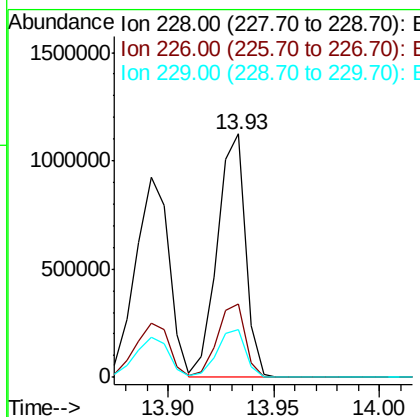
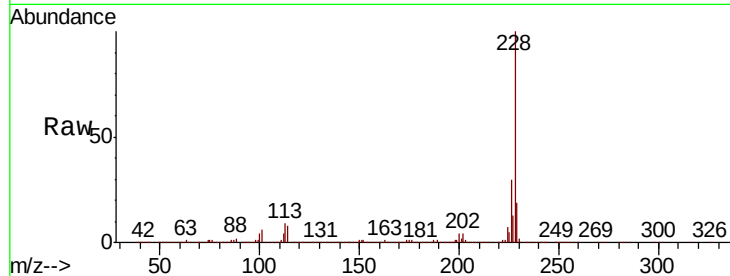
#83
 Chrvsene
 Concen: 50.377 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Instrument :
 BNA_F
 ClientSampleId :
 BG-4MS

Tot Ion: 228 Resp: 1037706
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.5 15.9 23.9

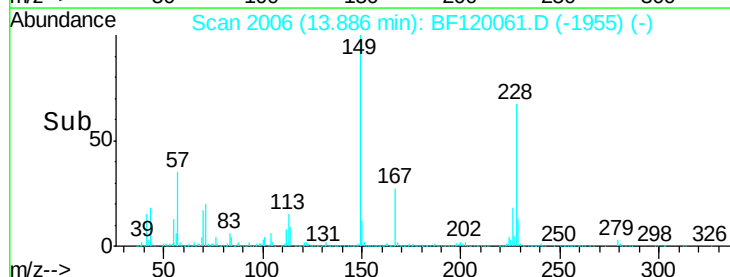
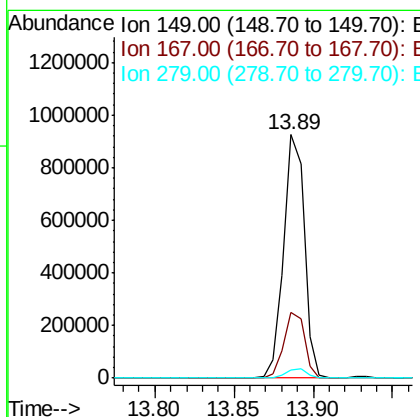
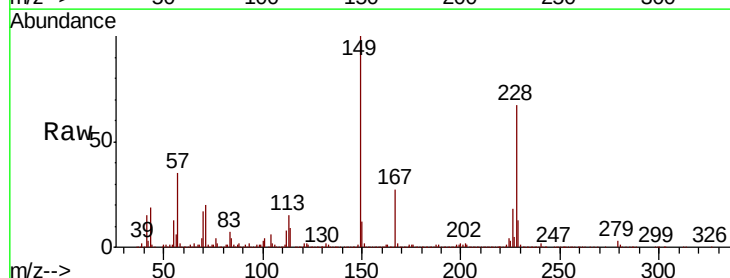
Manual Integrations
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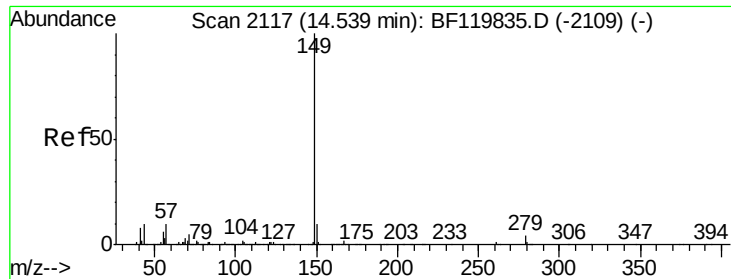
mohammad
 4/21/2020 8:22:33 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.985 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF120061.D
 Acq: 17 Apr 2020 16:08

Tgt Ion: 149 Resp: 836188
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.3 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 49.976 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

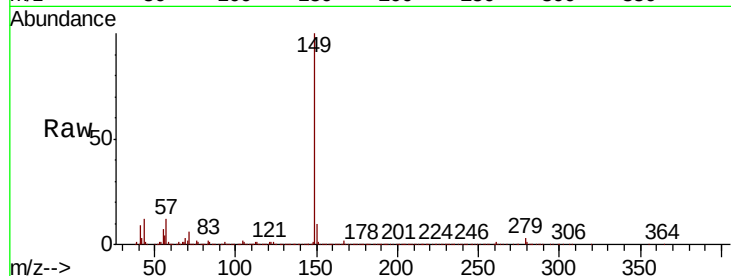
ClientSampleId :

BG-4MS

Tot Ion:	149	Resp:	1452561
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.2	13.8

Manual Integrations
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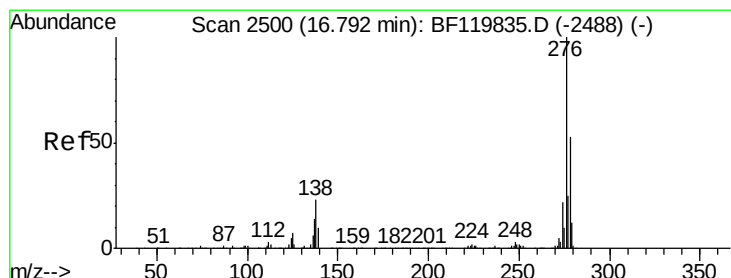
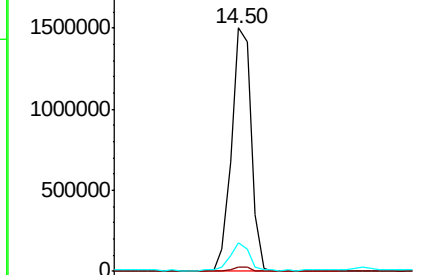
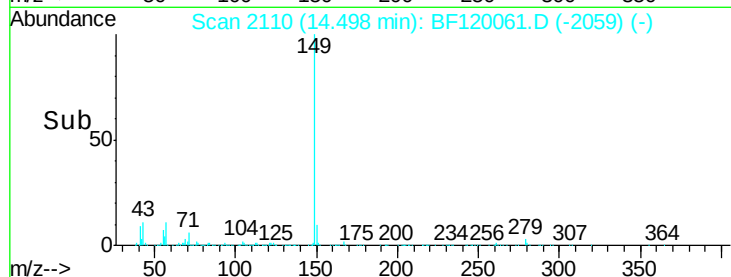
mohammad
4/21/2020 8:22:33 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.692 ng

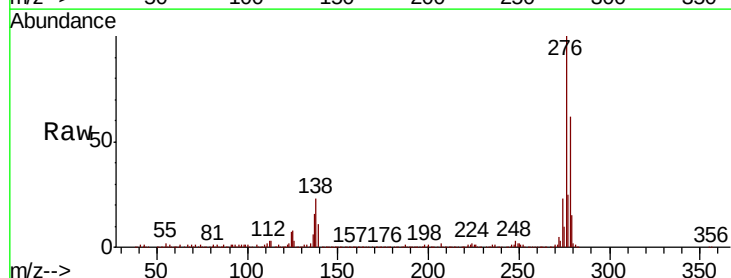
RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

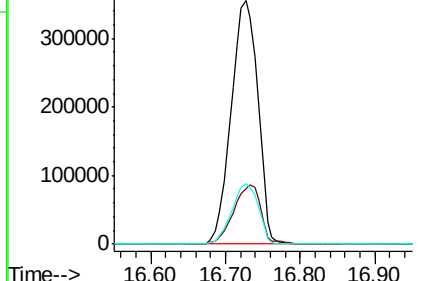
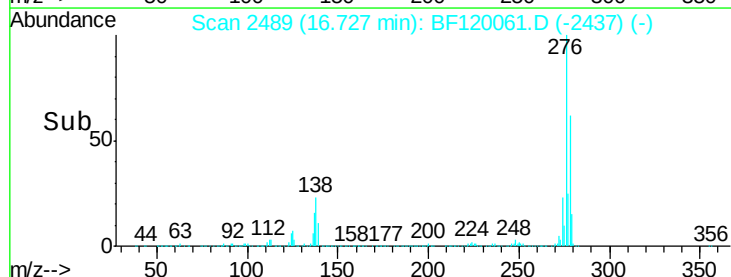
Tgt Ion:	276	Resp:	884121
Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.0	27.0
277	24.8	20.1	30.1

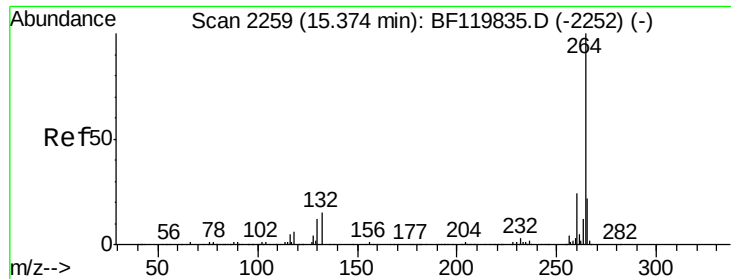


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

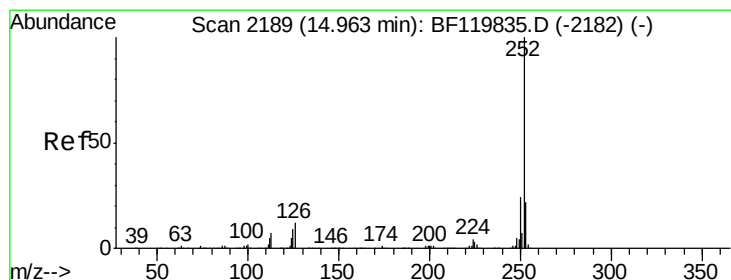
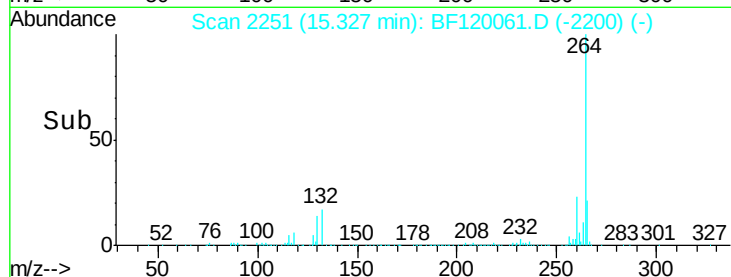
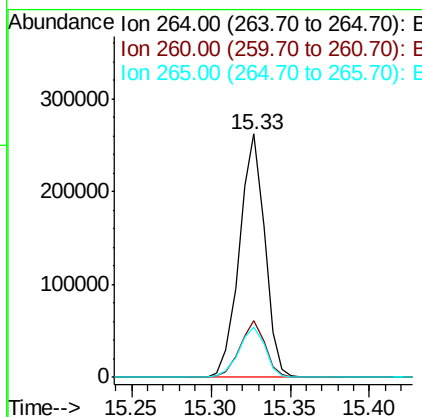
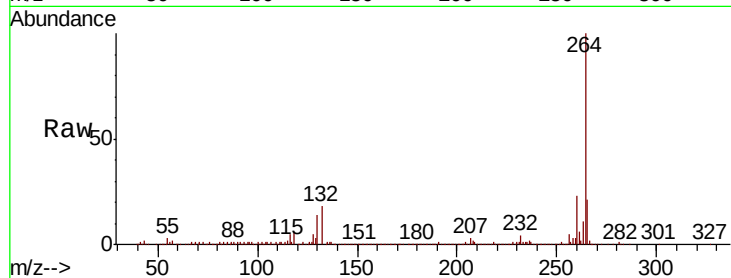
ClientSampleId :

BG-4MS

Tot Ion:	264	Resp:	290625
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.3	28.9
265	20.9	17.6	26.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 51.953 ng m

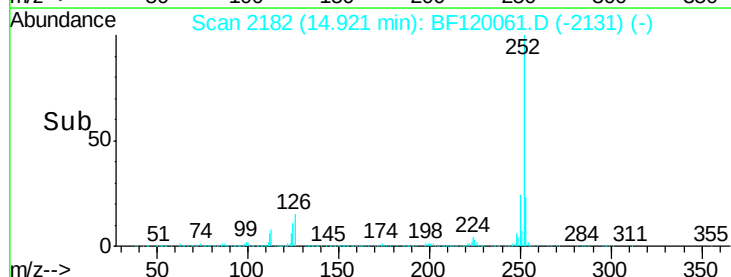
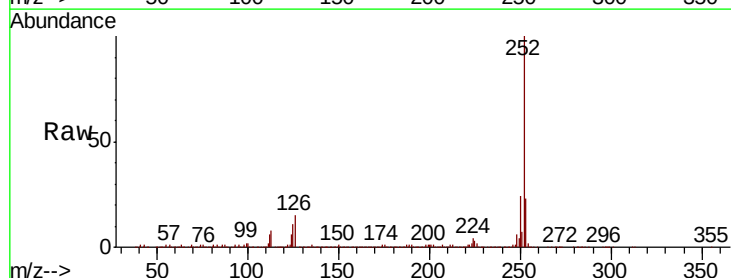
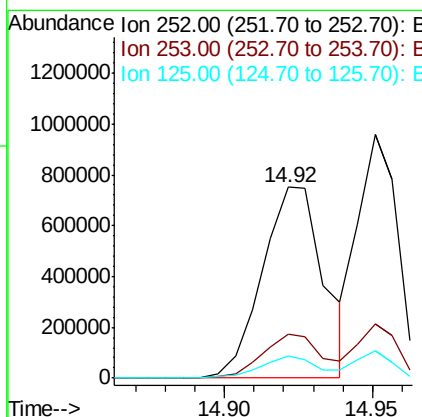
RT: 14.92 min Scan# 2182

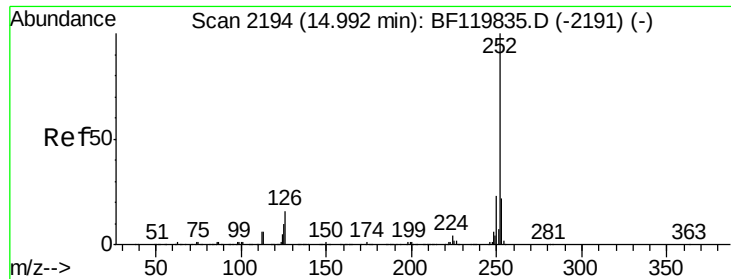
Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	252	Resp:	1086169
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.4	7.4	11.2#





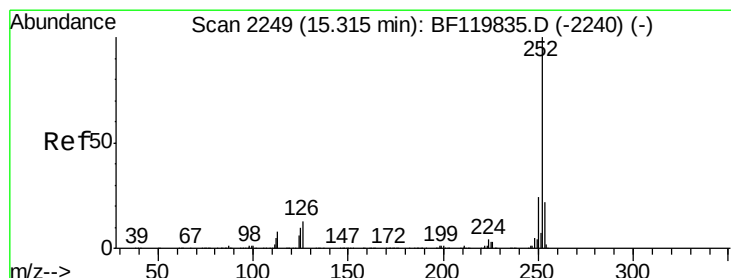
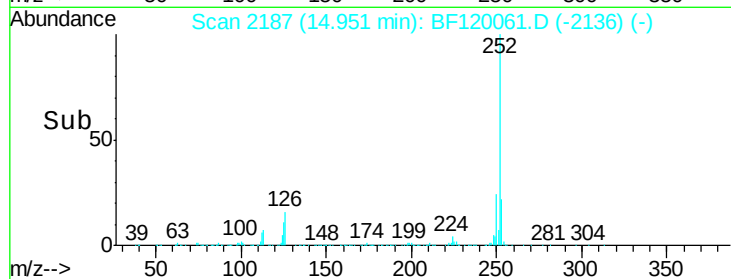
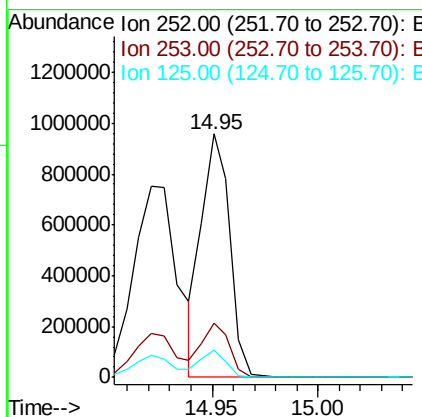
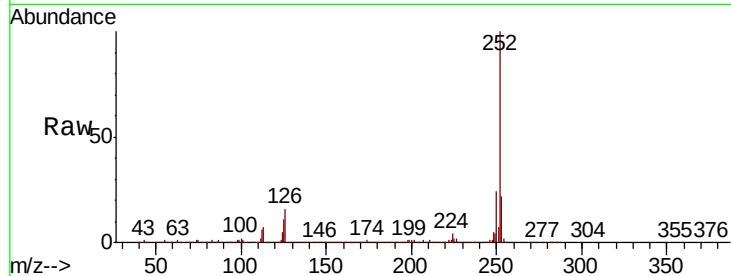
#89
Benzo(k)fluoranthene
Concen: 49.109 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Instrument :
BNA_F
ClientSampleId :
BG-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.1	7.7	11.5

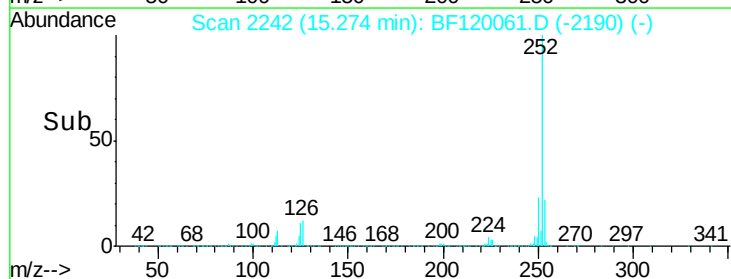
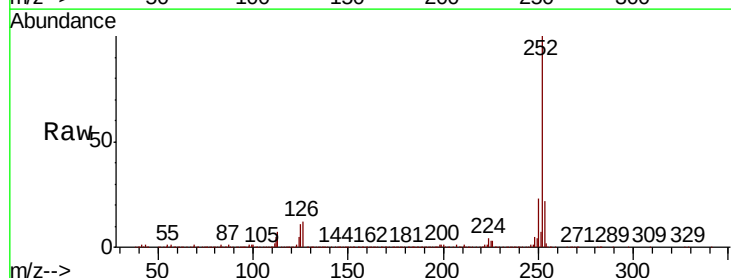
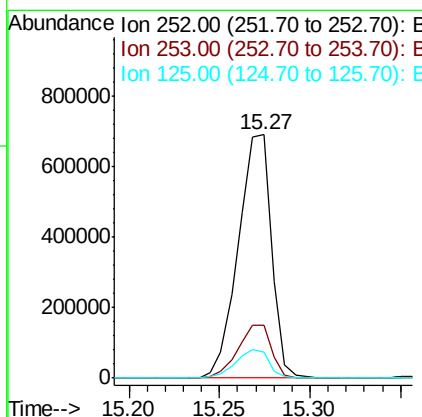
Manual Integrations
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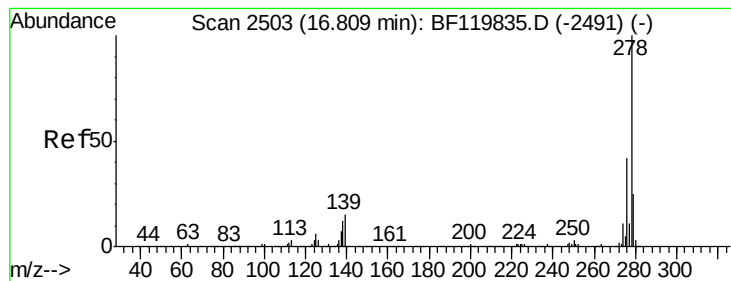
mohammad
4/21/2020 8:22:33 AM



#90
Benzo(a)pyrene
Concen: 50.095 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF120061.D
Acq: 17 Apr 2020 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.6	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 47.304 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Instrument :

BNA_F

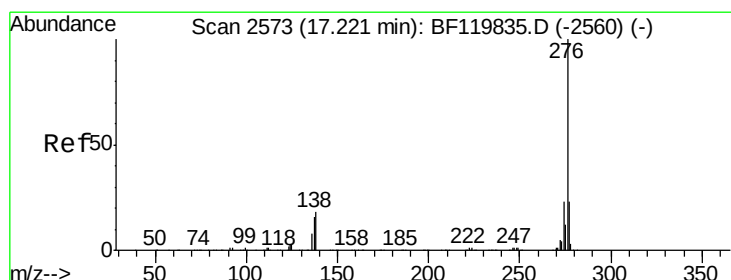
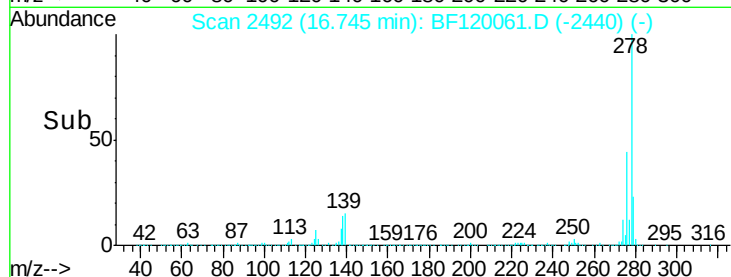
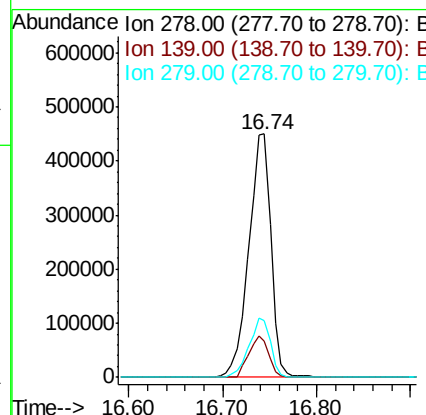
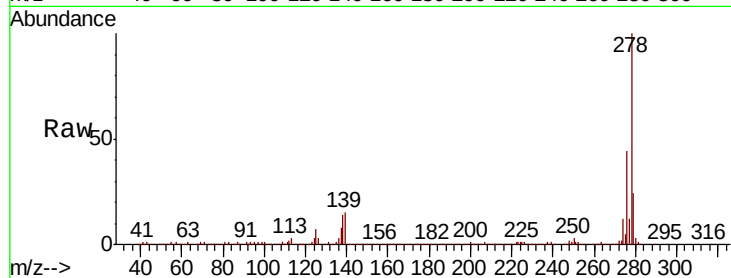
ClientSampleId :

BG-4MS

Tot Ion:	278	Resp:	736566
Ion Ratio	Lower	Upper	
278	100		
139	15.1	11.6	17.4
279	23.5	19.7	29.5

Manual Integrations
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mohammad
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#92

Benzo(g,h,i)perylene

Concen: 45.146 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF120061.D

Acq: 17 Apr 2020 16:08

Tgt Ion:	276	Resp:	693887
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.5	27.7
138	21.2	14.6	22.0

