

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120126.D
 Acq On : 22 Apr 2020 12:59
 Operator : MA/SJ
 Sample : PB128358BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Manual Integrations
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mohammad
 4/24/2020 4:17:53 AM

Quant Time: Apr 22 13:34:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130421	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	488311	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	252617	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	486648	20.00	ng	0.00
76) Chrysene-d12	13.85	240	355032	20.00	ng	0.00
87) Perylene-d12	15.26	264	296892	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1082140	143.39	ng	0.01
7) Phenol-d6	6.33	99	1383841	142.31	ng	0.00
23) Nitrobenzene-d5	7.25	82	851577	90.22	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	355027	114.79	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1646757	92.55	ng	0.00
79) Terphenyl-d14	12.80	244	1774941	84.12	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	138245	41.13	ng	98
3) Pyridine	3.03	79	375414	40.71	ng	95
4) n-Nitrosodimethylamine	2.99	42	229844	48.78	ng	95
6) Aniline	6.34	93	540361	42.34	ng	# 20
8) 2-Chlorophenol	6.46	128	450901	53.47	ng	98
9) Benzaldehyde	6.22	77	182449	32.08	ng	96
10) Phenol	6.34	94	559855	50.75	ng	# 71
11) bis(2-Chloroethyl)ether	6.42	93	428731	50.33	ng	97
12) 1,3-Dichlorobenzene	6.62	146	453631	49.14	ng	96
13) 1,4-Dichlorobenzene	6.70	146	458433	48.75	ng	99
14) 1,2-Dichlorobenzene	6.85	146	429763	49.59	ng	98
15) Benzyl Alcohol	6.83	79	366057	48.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	729642	44.02	ng	98
17) 2-Methylphenol	6.95	107	353926	47.03	ng	96
18) Hexachloroethane	7.19	117	171023	48.66	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	304404	48.68	ng	99
20) 3+4-Methylphenols	7.10	107	453049	49.23	ng	92
22) Acetophenone	7.10	105	596757	52.19	ng	# 90
24) Nitrobenzene	7.27	77	462668	48.73	ng	98
25) Isophorone	7.51	82	834513	45.86	ng	98
26) 2-Nitrophenol	7.58	139	238545	50.29	ng	99
27) 2,4-Dimethylphenol	7.63	122	369236	51.61	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	526164	49.14	ng	99
29) 2,4-Dichlorophenol	7.83	162	359235	48.98	ng	97
30) 1,2,4-Trichlorobenzene	7.91	180	394120	47.43	ng	99
31) Naphthalene	7.99	128	1261870	49.12	ng	99
32) Benzoic acid	7.77	122	276589	44.02	ng	94
33) 4-Chloroaniline	8.04	127	383184	34.26	ng	99
34) Hexachlorobutadiene	8.10	225	226864	45.61	ng	98
35) Caprolactam	8.42	113	113099m	50.42	ng	
36) 4-Chloro-3-methylphenol	8.53	107	388023	48.87	ng	98
37) 2-Methylnaphthalene	8.68	142	846740	48.61	ng	99
38) 1-Methylnaphthalene	8.78	142	800202	48.74	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	379314	47.54	ng	99

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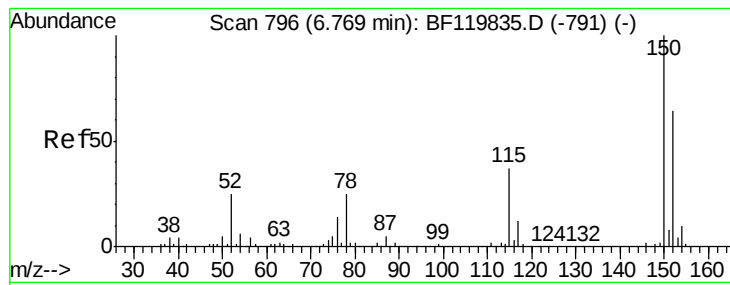
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	377697	83.25	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	259945	47.18	ng	100
44) 2,4,5-Trichlorophenol	9.00	196	274260	44.20	ng	98
46) 1,1'-Biphenyl	9.15	154	1016141	47.66	ng	99
47) 2-Chloronaphthalene	9.17	162	792894	48.27	ng	99
48) 2-Nitroaniline	9.27	65	276187	46.40	ng	97
49) Acenaphthylene	9.59	152	1242028	49.72	ng	98
50) Dimethylphthalate	9.46	163	897859	45.95	ng	99
51) 2,6-Dinitrotoluene	9.52	165	206204	48.19	ng	99
52) Acenaphthene	9.76	154	735168	44.12	ng	98
53) 3-Nitroaniline	9.68	138	171791	35.15	ng	97
54) 2,4-Dinitrophenol	9.79	184	230059	89.81	ng	89
55) Dibenzofuran	9.93	168	1108404	48.47	ng	99
56) 4-Nitrophenol	9.86	139	334215	91.92	ng	88
57) 2,4-Dinitrotoluene	9.92	165	265615	47.12	ng	97
58) Fluorene	10.27	166	866776	47.40	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	230482	48.56	ng	99
60) Diethylphthalate	10.16	149	916817	45.27	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	409355	43.67	ng	96
62) 4-Nitroaniline	10.30	138	229047	49.18	ng	92
63) Azobenzene	10.43	77	880944	48.54	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	156464	48.80	ng	92
66) n-Nitrosodiphenylamine	10.39	169	784602	48.48	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	249008	41.14	ng	93
68) Hexachlorobenzene	10.82	284	274529	44.72	ng	93
69) Atrazine	10.92	200	229711	51.01	ng	99
70) Pentachlorophenol	11.02	266	275824	77.96	ng	98
71) Phenanthrene	11.23	178	1229871	47.49	ng	99
72) Anthracene	11.29	178	1286682	48.63	ng	97
73) Carbazole	11.45	167	1173255	46.89	ng	98
74) Di-n-butylphthalate	11.78	149	1440619	43.80	ng	99
75) Fluoranthene	12.42	202	1349996	48.31	ng	97
77) Benzidine	12.55	184	431065	35.92	ng	97
78) Pyrene	12.65	202	1374466	45.92	ng	97
80) Butylbenzylphthalate	13.27	149	612029	42.14	ng	96
81) Benzo(a)anthracene	13.84	228	1104217	47.28	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	321060	36.84	ng	100
83) Chrysene	13.88	228	1131477	47.68	ng	97
84) Bis(2-ethylhexyl)phthalate	13.84	149	788565	40.10	ng	100
85) Di-n-octyl phthalate	14.45	149	1346623	40.21	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	888685	42.48	ng	100
88) Benzo(b)fluoranthene	14.86	252	1030047	48.23	ng	100
89) Benzo(k)fluoranthene	14.89	252	927598	50.34	ng	99
90) Benzo(a)pyrene	15.20	252	848064	47.23	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	738352	46.42	ng	99
92) Benzo(g,h,i)perylene	17.03	276	743842	47.37	ng	97

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



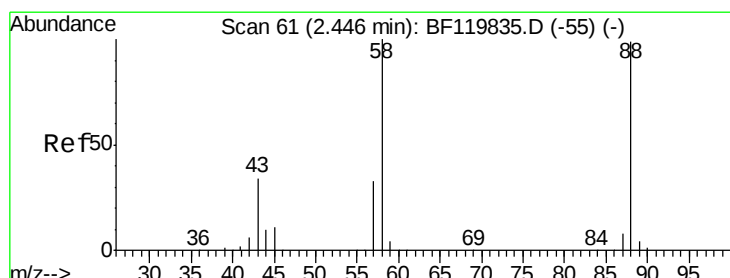
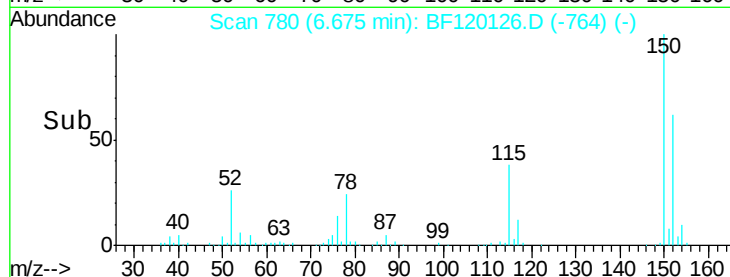
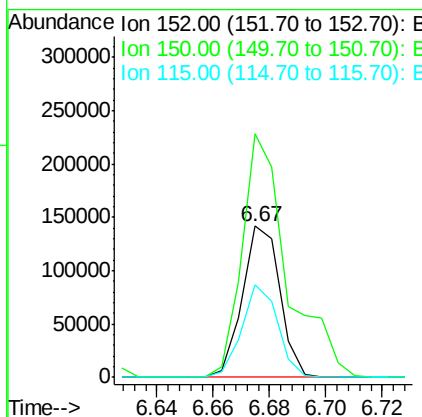
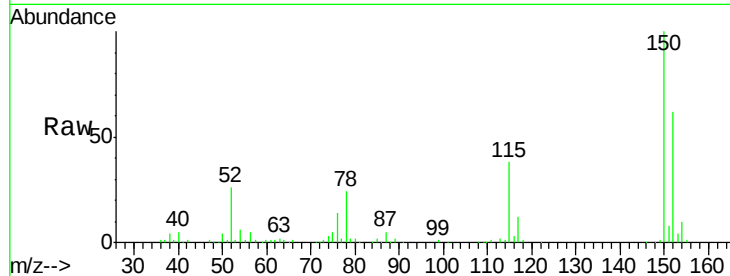
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.5	186.7
115	61.2	49.6	74.4

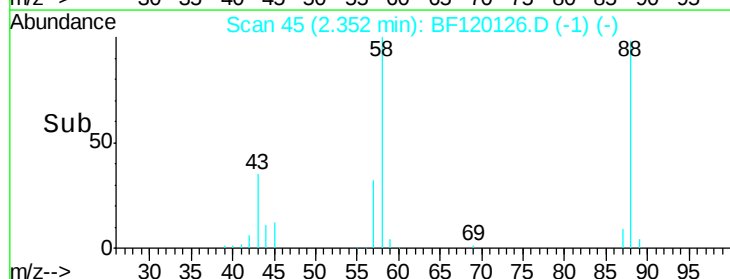
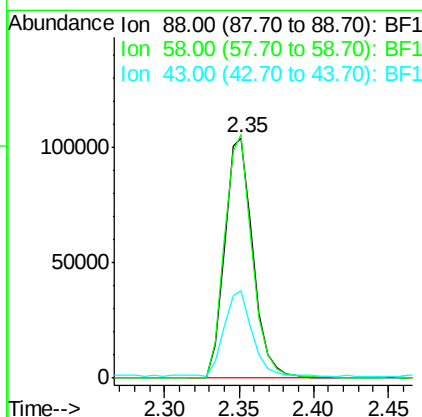
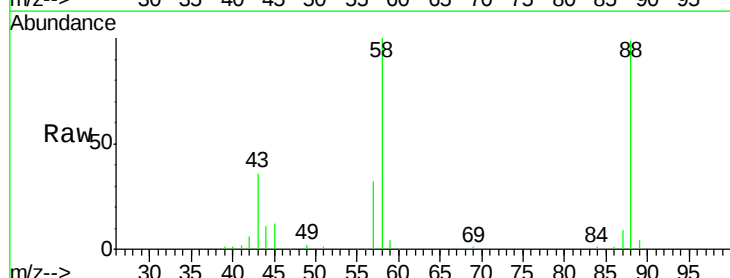
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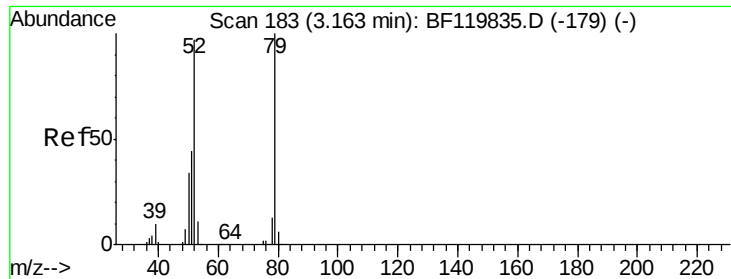
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#2
 1,4-Dioxane
 Concen: 41.13 ng
 RT: 2.35 min Scan# 45
 Delta R.T. 0.07 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.6	80.6	121.0
43	36.0	27.5	41.3





#3

Pyridine

Concen: 40.71 ng

RT: 3.03 min Scan# 161

Delta R.T. 0.07 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

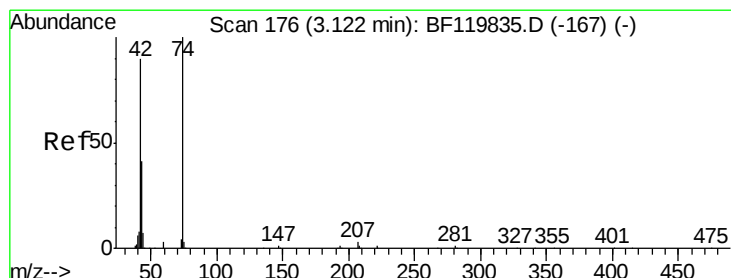
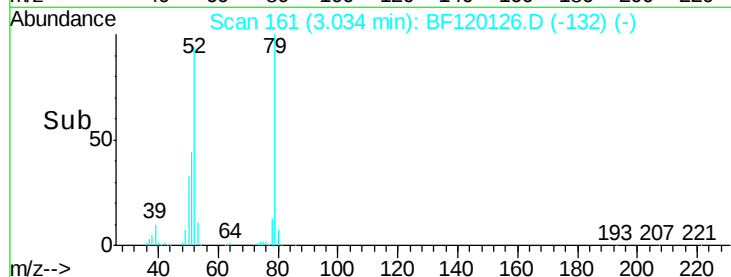
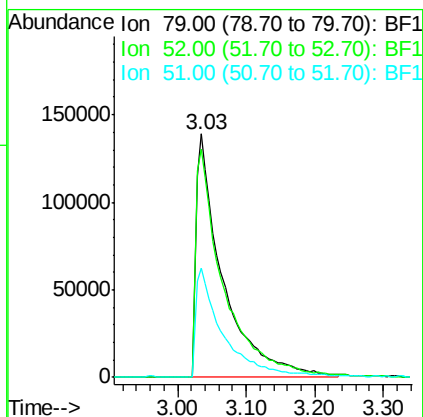
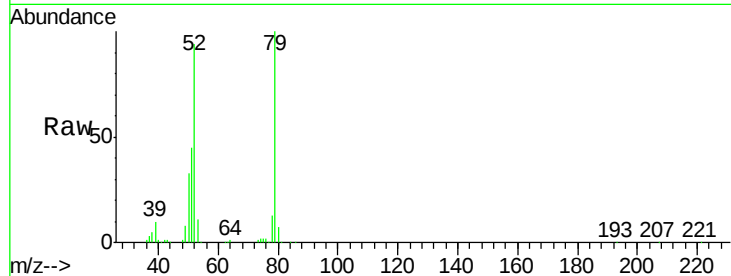
ClientSampleId :

PB128358BS

Tgt Ion:	79	Resp:	375414
Ion	Ratio	Lower	Upper
79	100		
52	94.0	80.2	120.2
51	44.8	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 48.78 ng

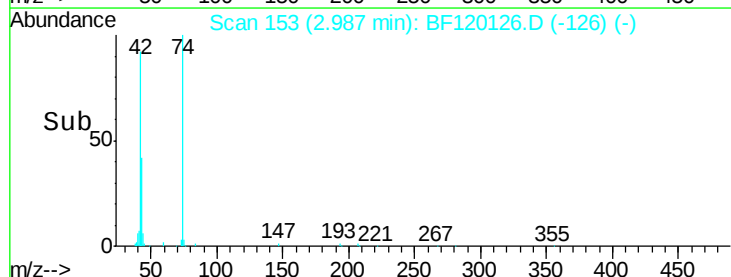
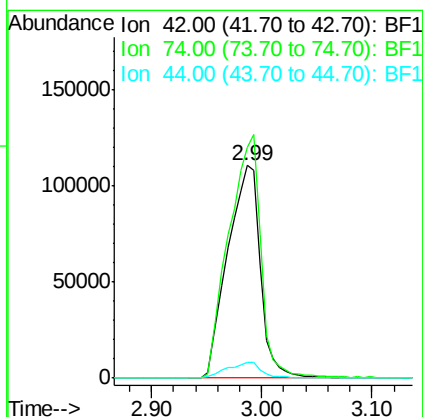
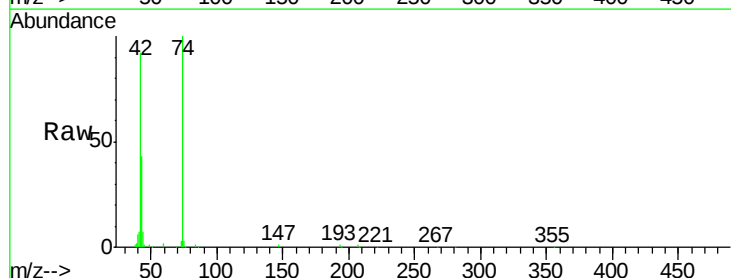
RT: 2.99 min Scan# 153

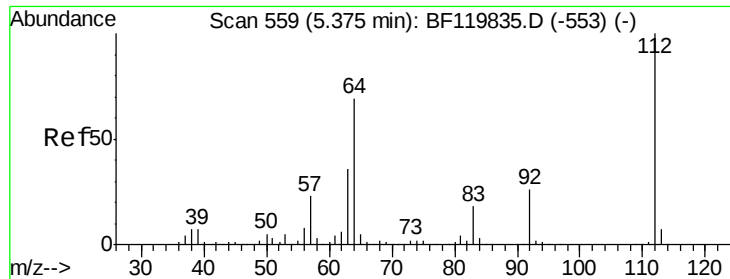
Delta R.T. 0.06 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	42	Resp:	229844
Ion	Ratio	Lower	Upper
42	100		
74	108.7	91.5	137.3
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 143.39 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

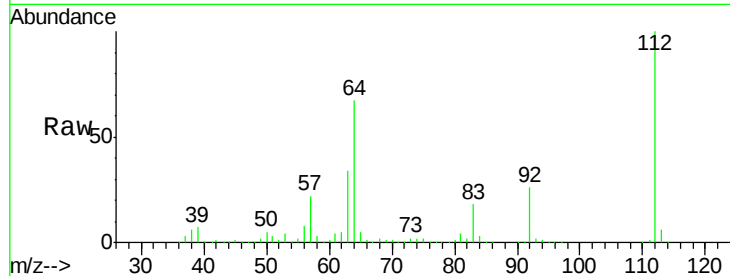
ClientSampleId :

PB128358BS

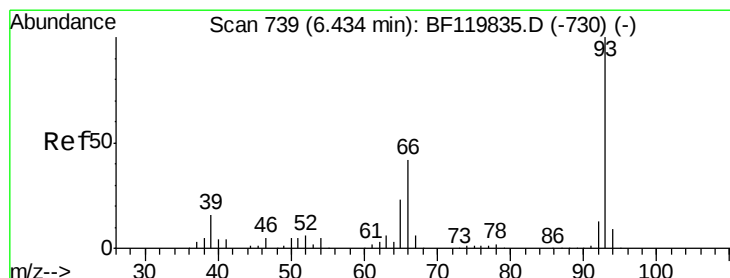
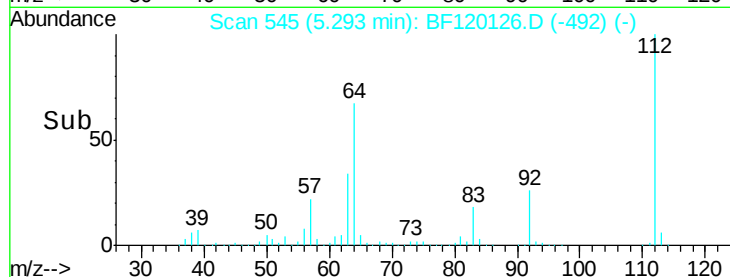
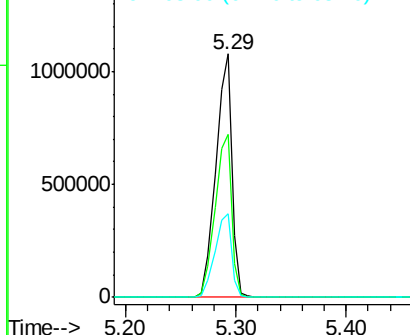
Tgt Ion:	112	Resp:	1082140
Ion	Ratio	Lower	Upper
112	100		
64	66.8	56.7	85.1
63	34.5	29.5	44.3

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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: 42.34 ng

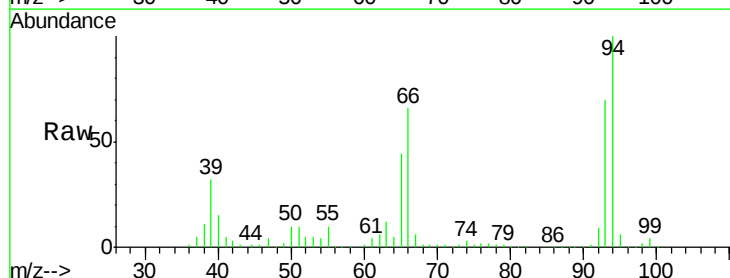
RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

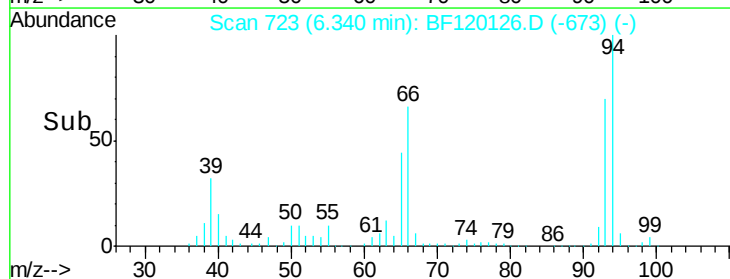
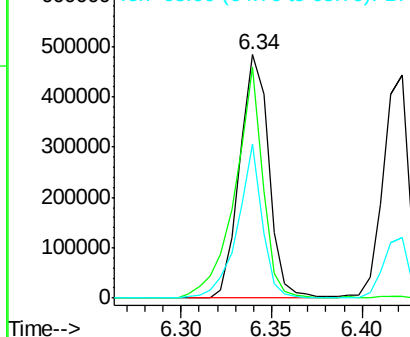
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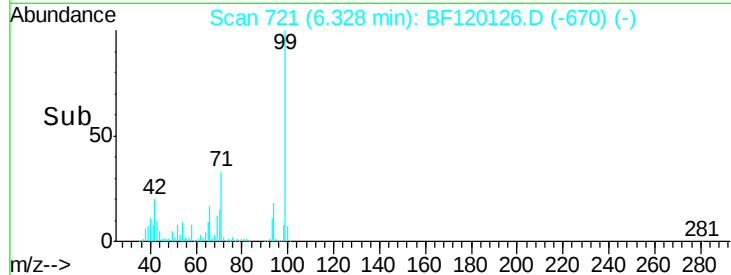
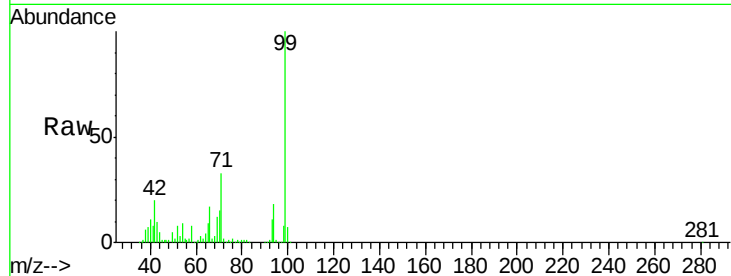
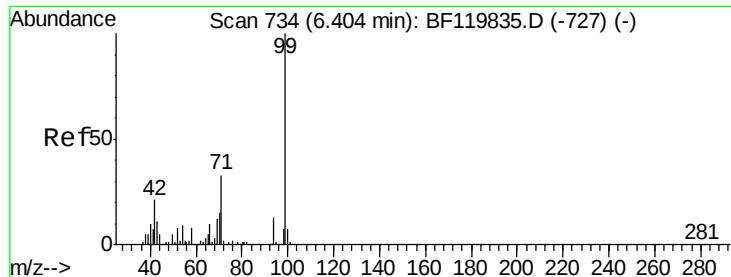
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Tgt Ion:	93	Resp:	540361
Ion	Ratio	Lower	Upper
93	100		
66	94.6	34.9	52.3#
65	63.2	18.6	27.8#



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: 142.31 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	99	Resp:	1383841
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.6	24.8
71	32.8	26.4	39.6

Instrument :

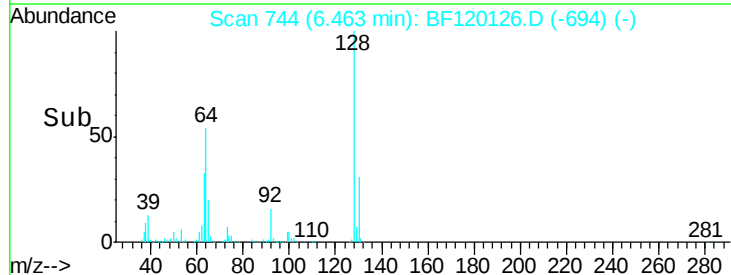
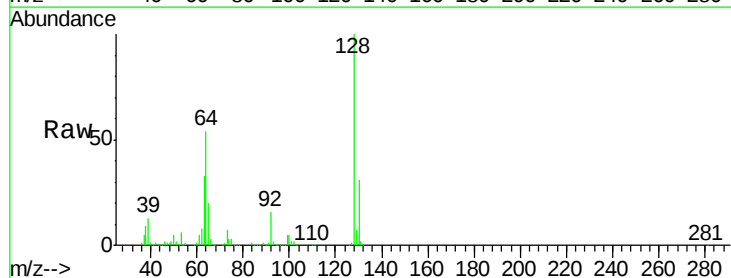
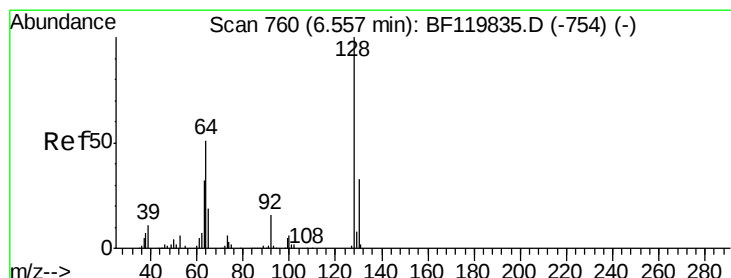
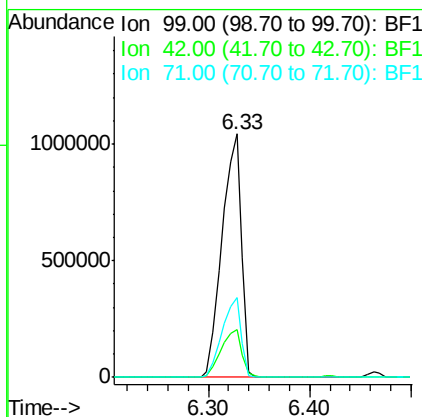
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#8

2-Chlorophenol

Concen: 53.47 ng

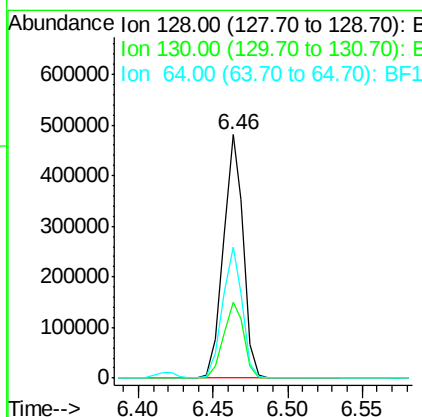
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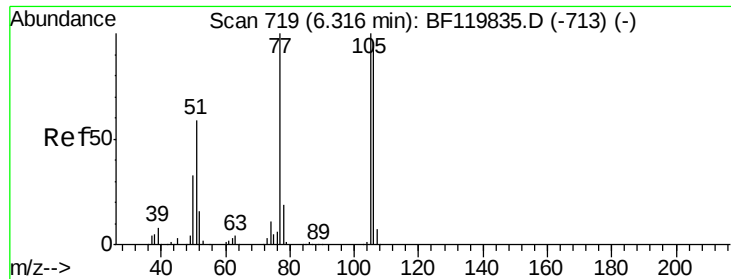
Delta R.T. -0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	128	Resp:	450901
Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.6	52.6
64	53.9	35.3	75.3





#9

Benzaldehyde

Concen: 32.08 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120126.D

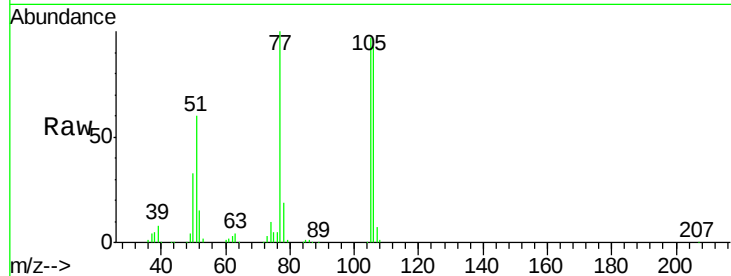
Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

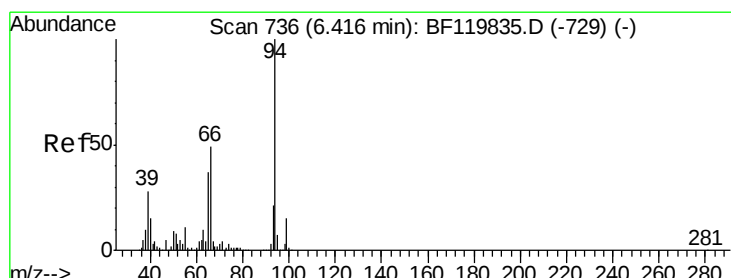
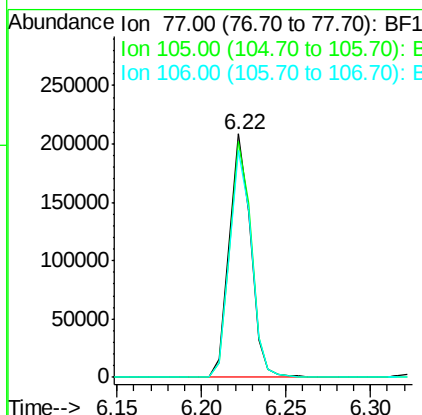
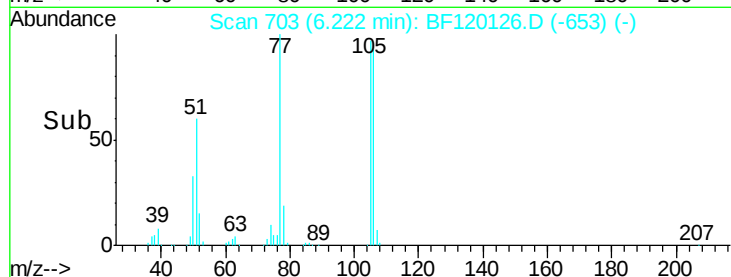
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Tgt Ion:	77	Resp:	182449
Ion	Ratio	Lower	Upper
77	100		
105	96.9	80.9	120.9
106	93.1	77.9	117.9

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#10

Phenol

Concen: 50.75 ng

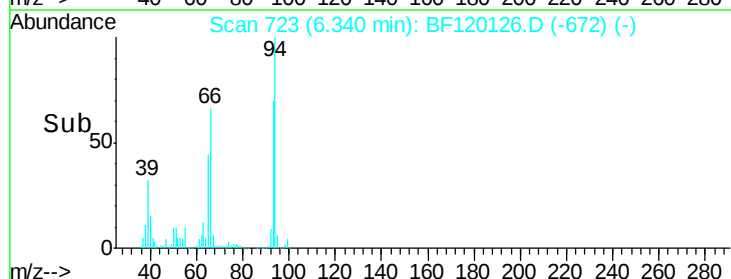
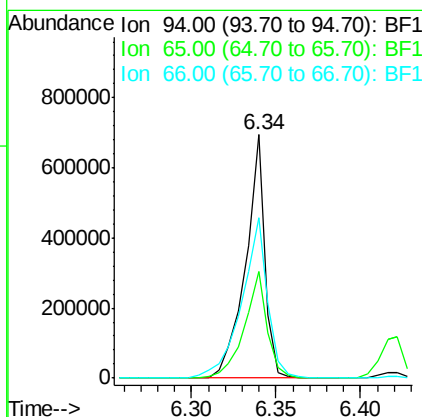
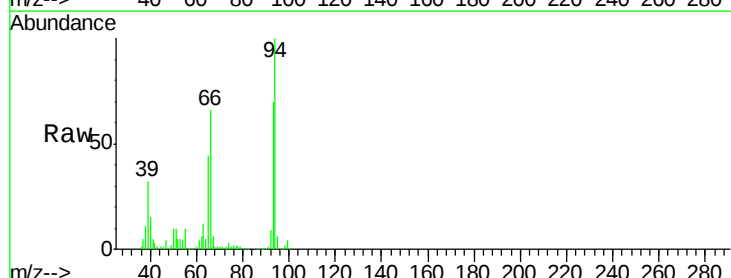
RT: 6.34 min Scan# 723

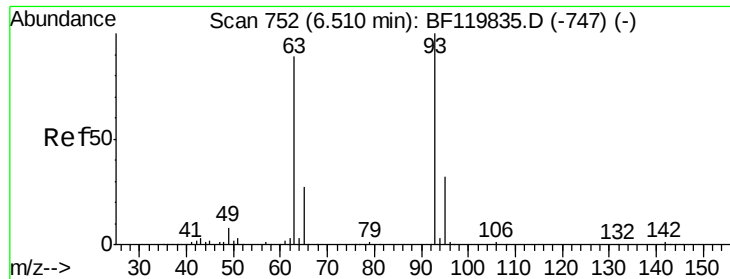
Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	94	Resp:	559855
Ion	Ratio	Lower	Upper
94	100		
65	44.0	13.2	53.2
66	65.9	22.3	62.3#





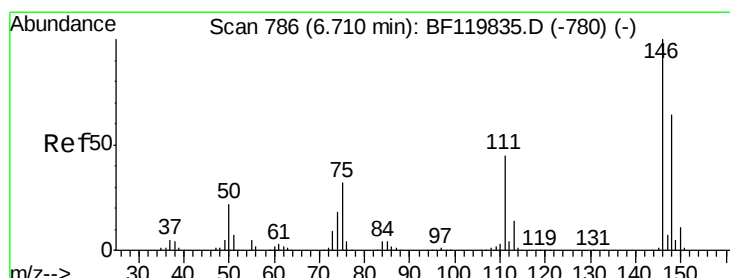
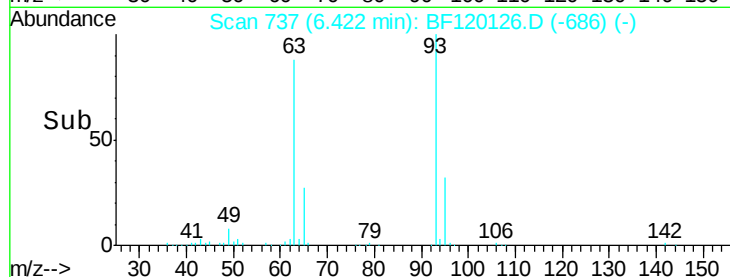
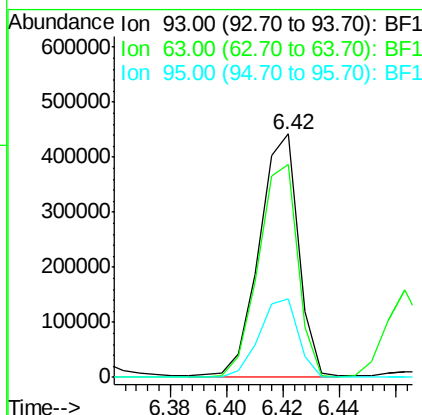
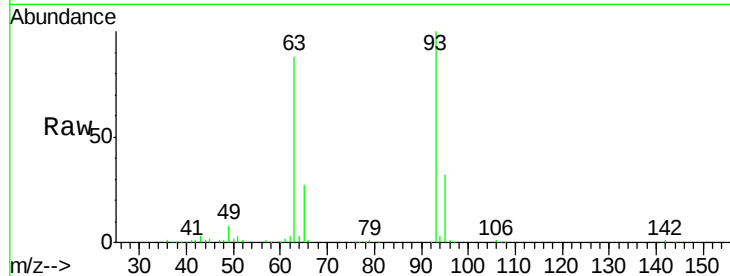
#11
bis(2-Chloroethyl)ether
Concen: 50.33 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.6	70.2	110.2
95	32.2	13.4	53.4

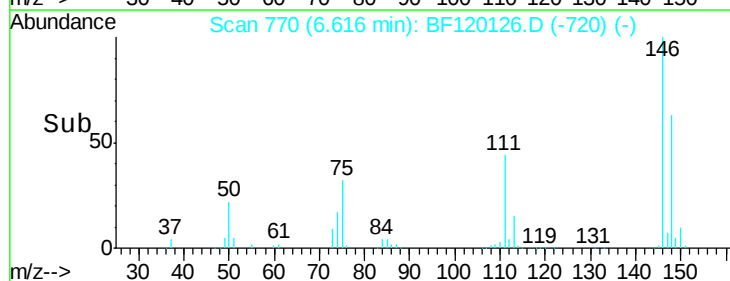
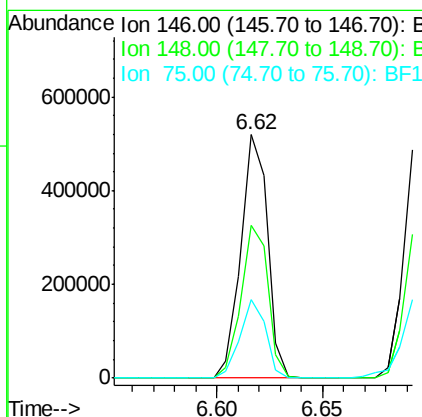
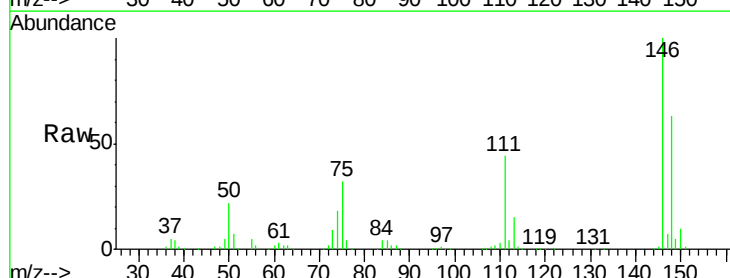
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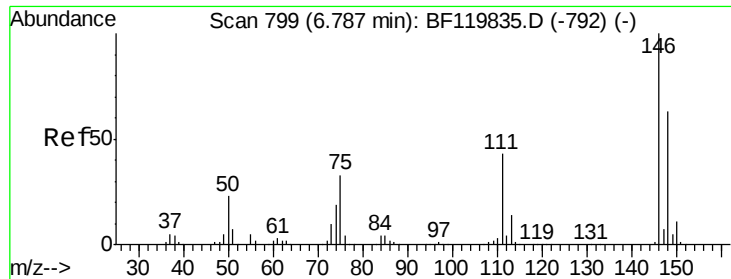
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#12
1,3-Dichlorobenzene
Concen: 49.14 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
75	32.3	23.0	34.4





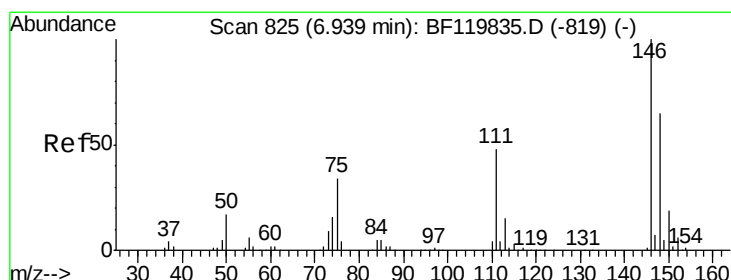
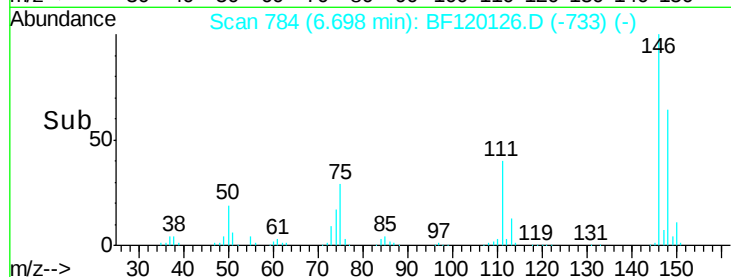
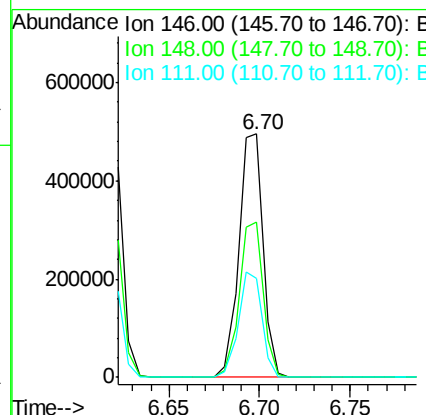
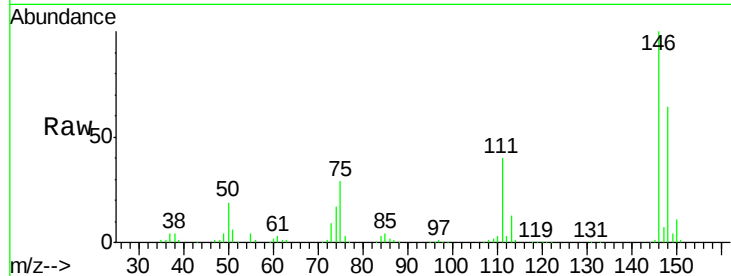
#13
 1,4-Dichlorobenzene
 Concen: 48.75 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	40.4	33.3	49.9

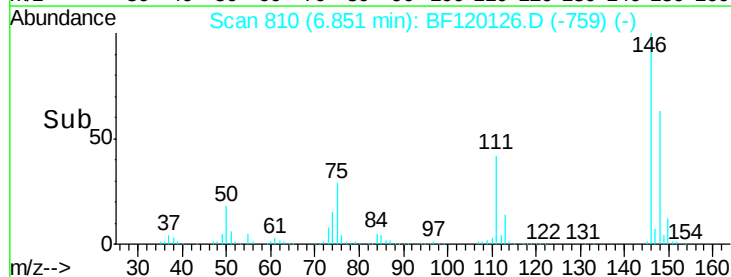
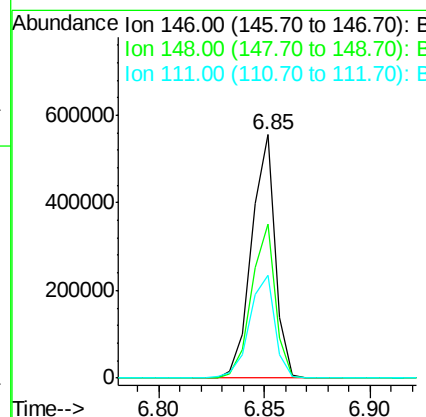
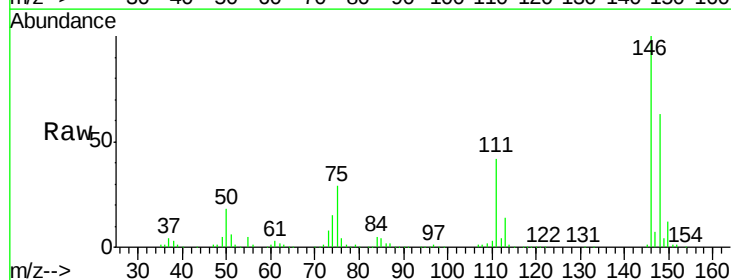
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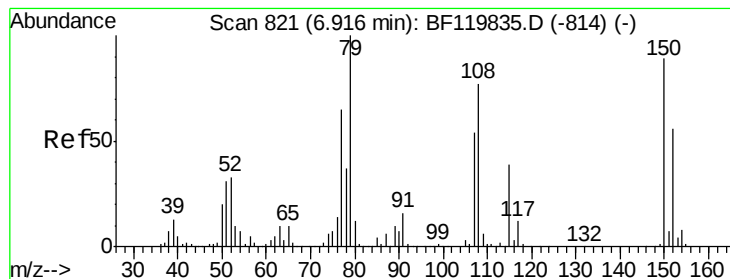
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 49.59 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	42.3	36.1	54.1





#15

Benzyl Alcohol

Concen: 48.47 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion: 79 Resp: 366057
Ion Ratio Lower Upper

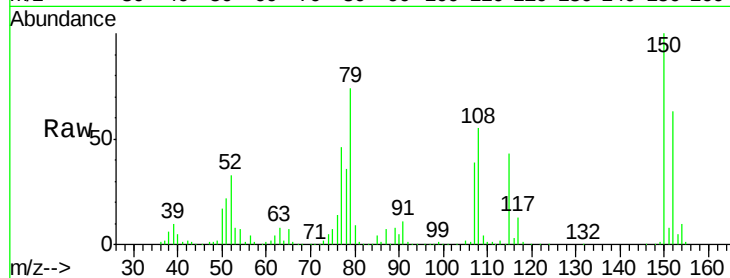
79 100

108 74.5 60.6 90.8

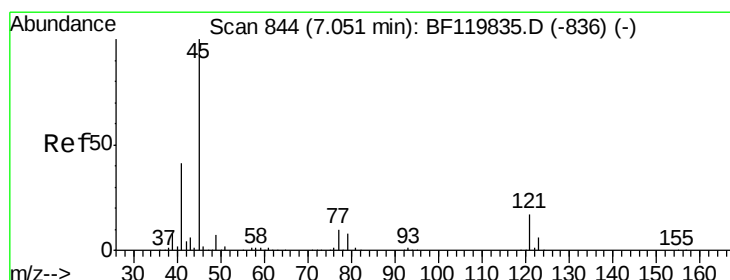
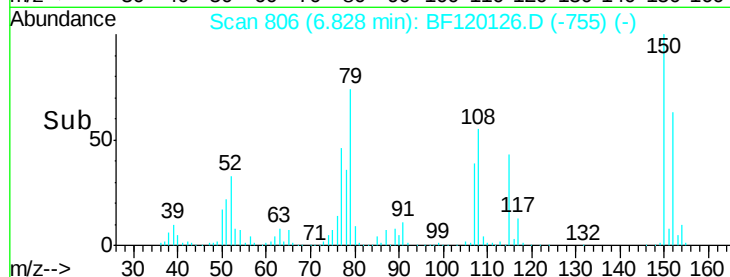
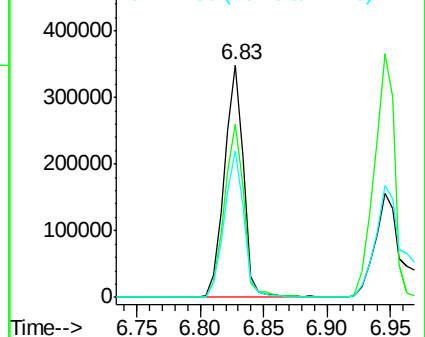
77 63.2 50.2 75.2

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.02 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF120126.D

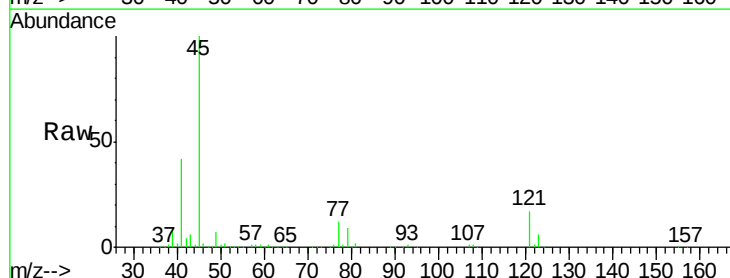
Acq: 22 Apr 2020 12:59

Tgt Ion: 45 Resp: 729642
Ion Ratio Lower Upper

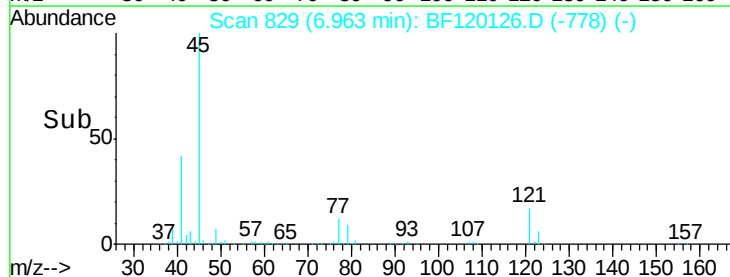
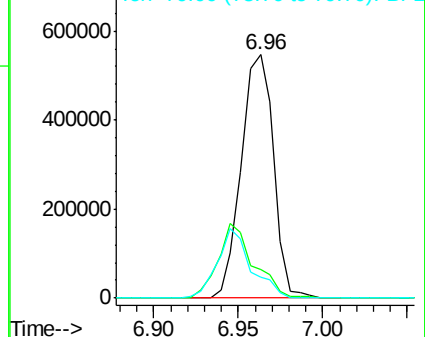
45 100

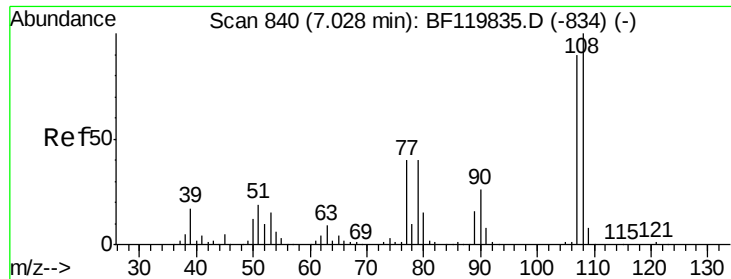
77 11.9 0.0 30.7

79 8.7 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





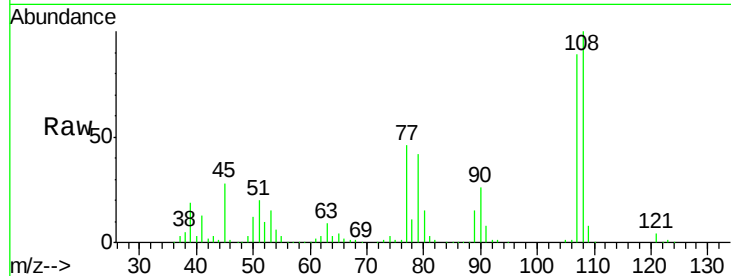
#17
2-Methylphenol
Concen: 47.03 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

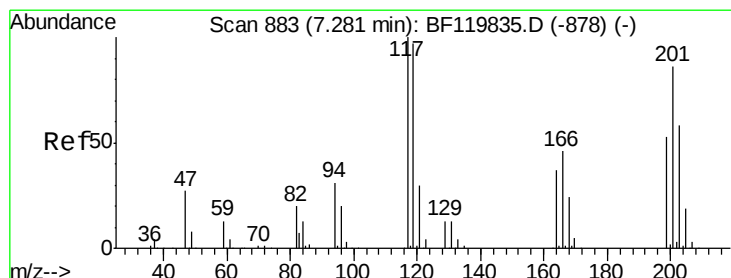
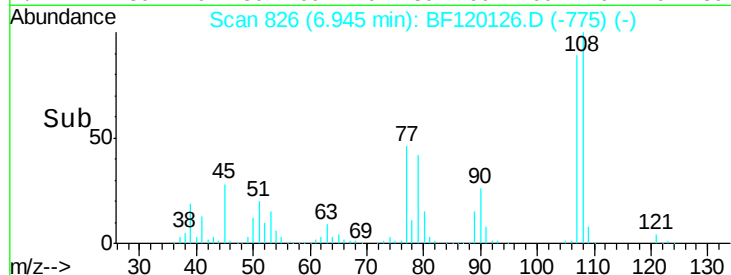
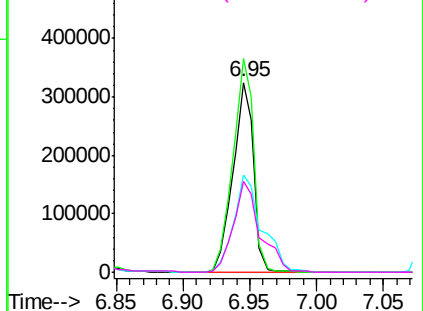
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	353926		
108	112.4	92.2	138.4	
77	51.3	36.6	54.8	
79	47.8	36.2	54.4	

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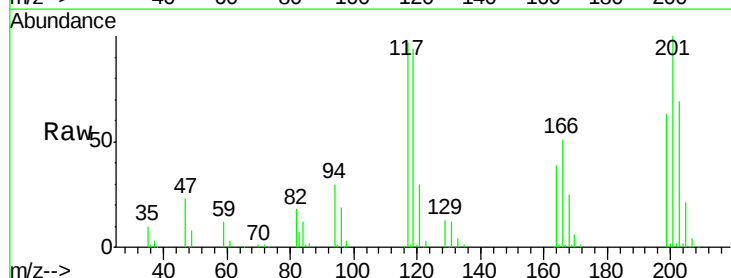


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

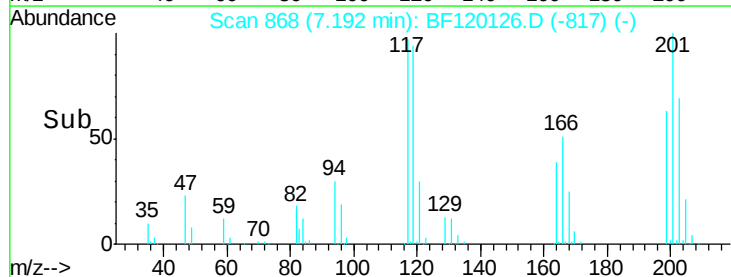
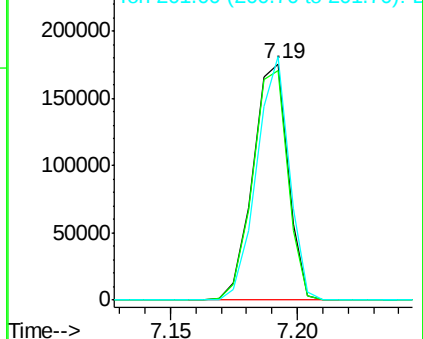


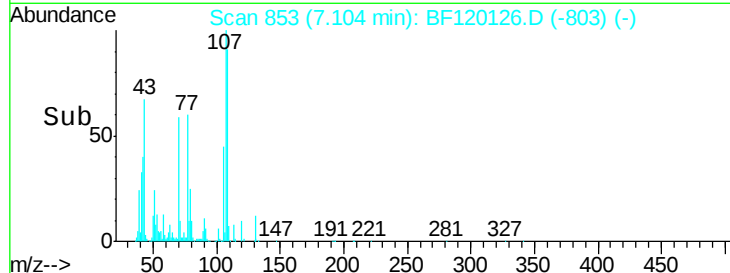
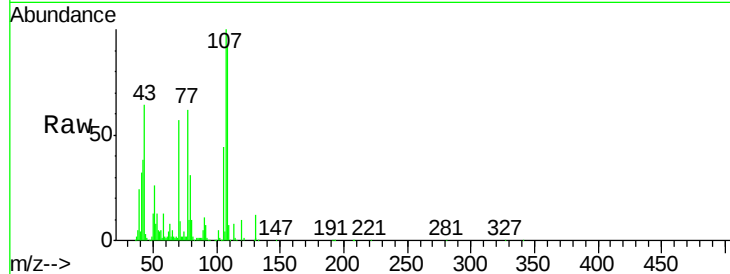
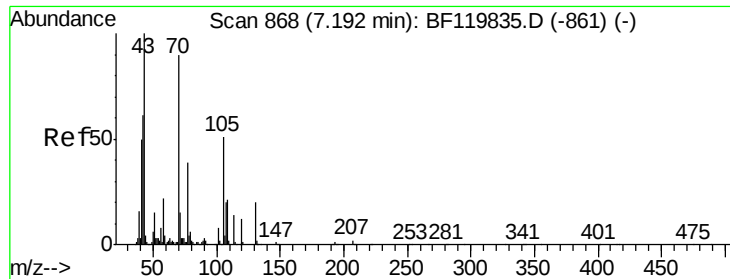
#18
Hexachloroethane
Concen: 48.66 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	171023		
119	97.3	76.1	114.1	
201	103.1	73.0	109.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





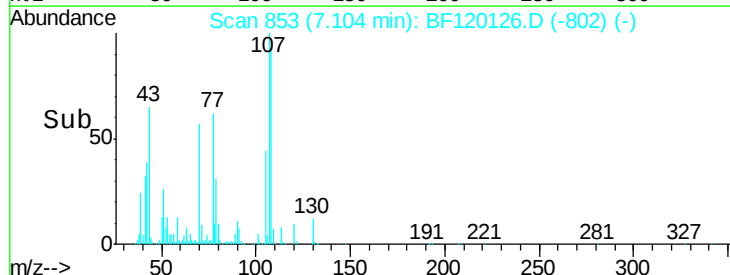
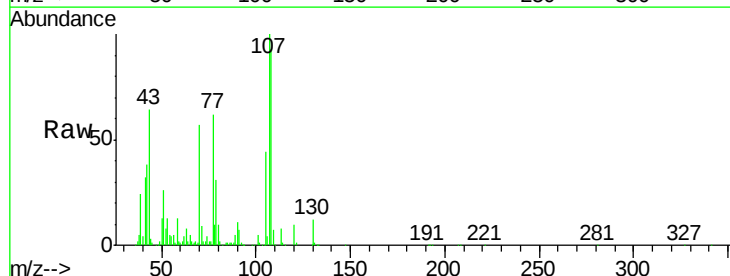
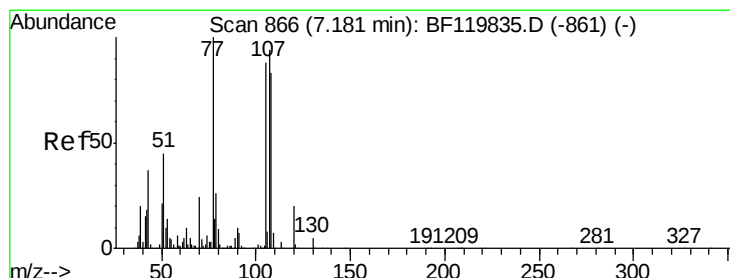
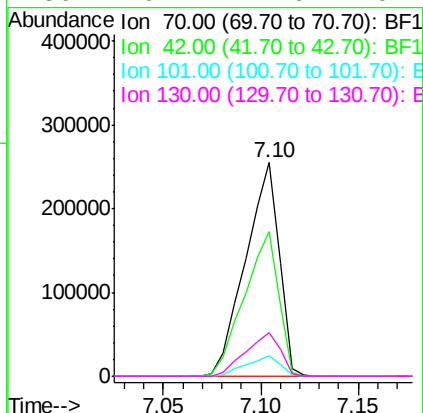
#19
n-Nitroso-di-n-propylamine
Concen: 48.68 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

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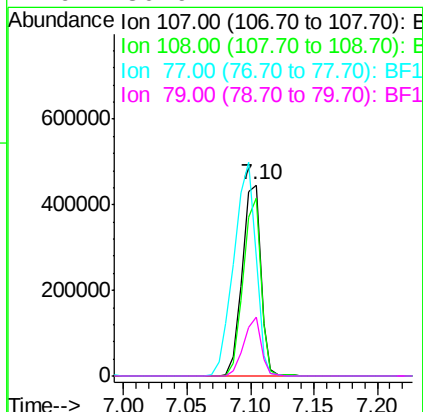
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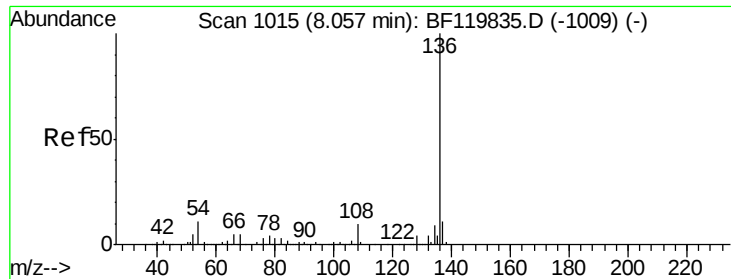
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.5	54.5	81.7
101	9.6	7.6	11.4
130	20.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 49.23 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.9	107.9
77	62.3	52.9	92.9
79	30.9	7.7	47.7





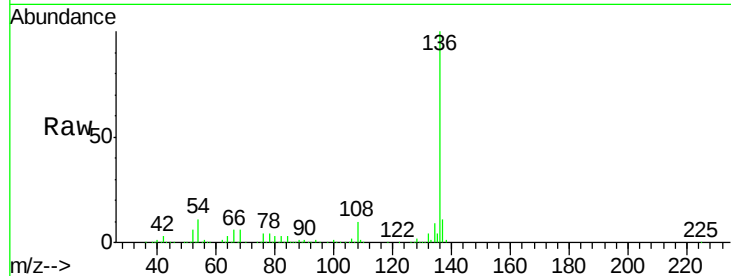
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

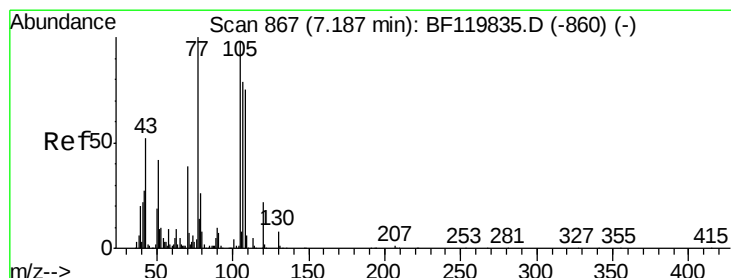
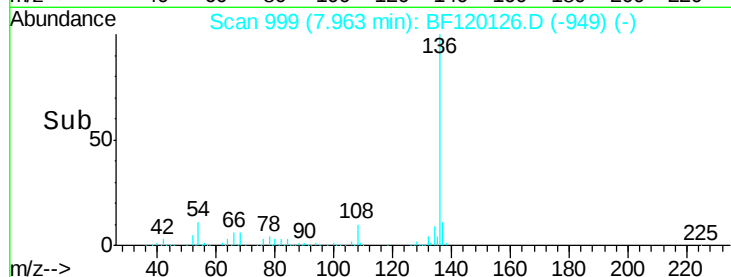
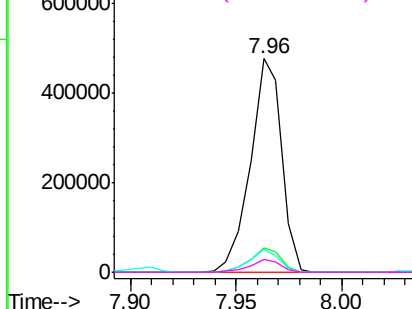
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	488311		
137	11.3	8.7	13.1	
54	10.8	9.1	13.7	
68	5.7	4.6	6.8	

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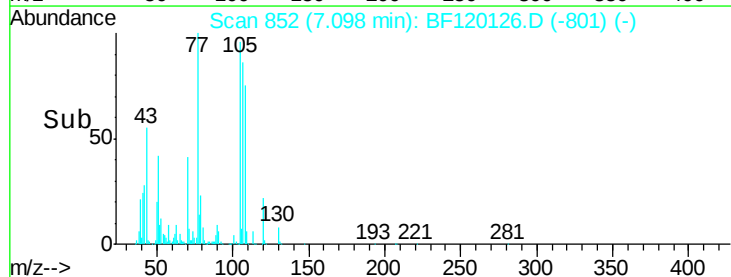
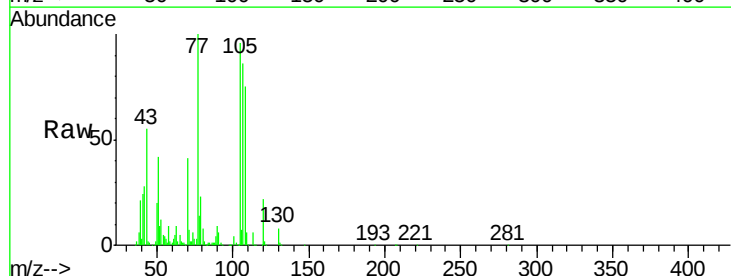
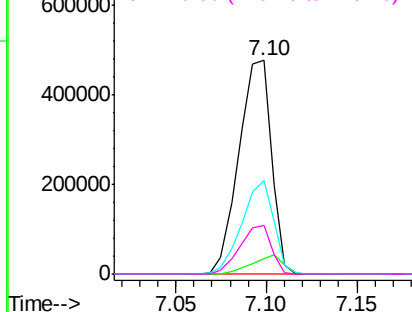
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

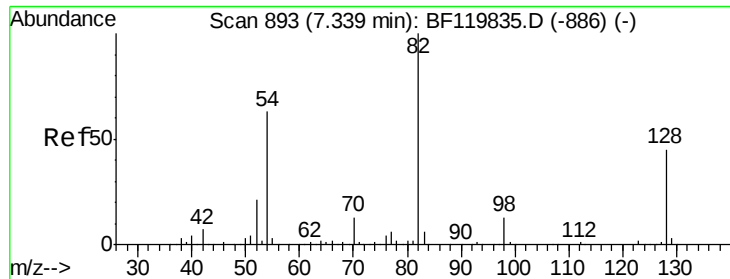


#22
Acetophenone
Concen: 52.19 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	596757		
71	7.1	5.7	8.5	
51	43.9	26.2	39.4	
120	22.8	18.3	27.5	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





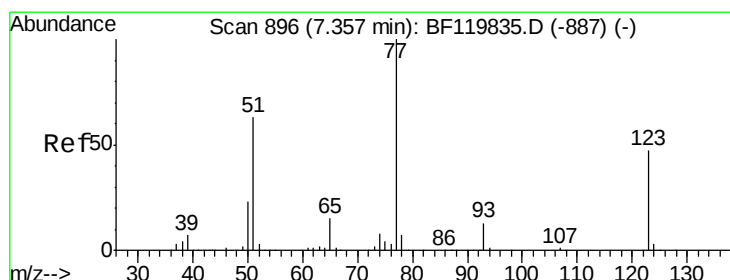
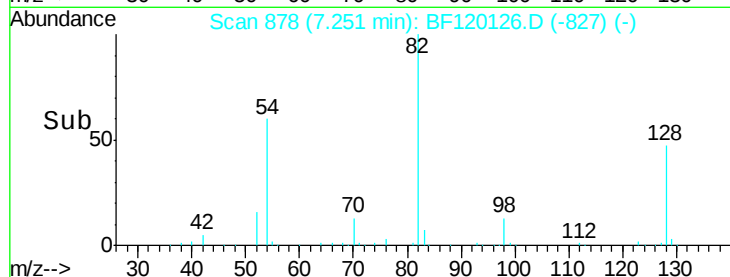
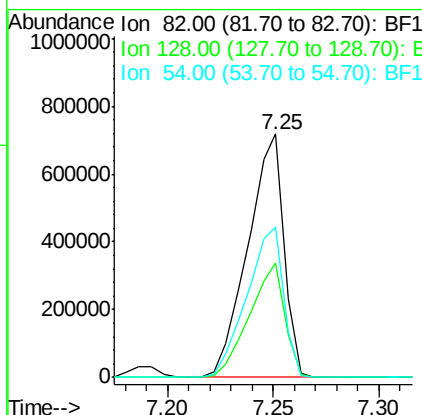
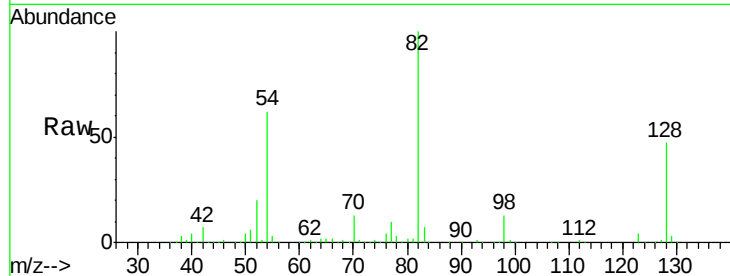
#23
 Nitrobenzene-d5
 Concen: 90.22 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	851577		
128	47.2	36.3	54.5	
54	61.8	50.6	75.8	

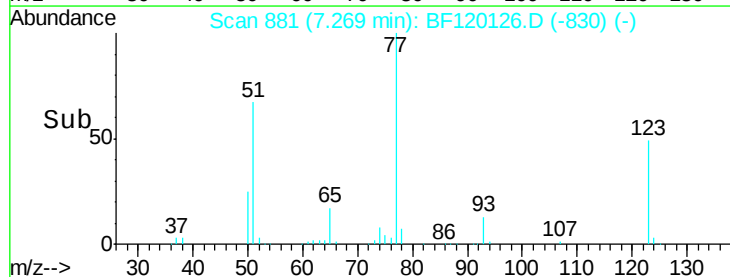
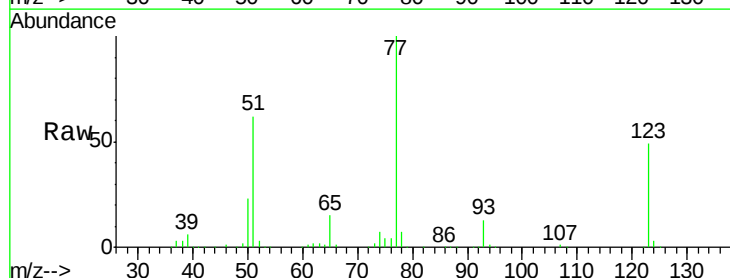
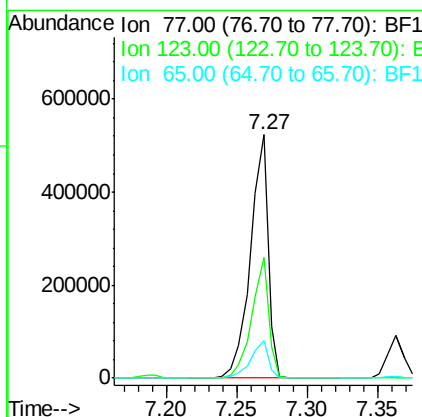
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#24
 Nitrobenzene
 Concen: 48.73 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	462668		
123	49.5	38.0	57.0	
65	15.4	12.6	18.8	





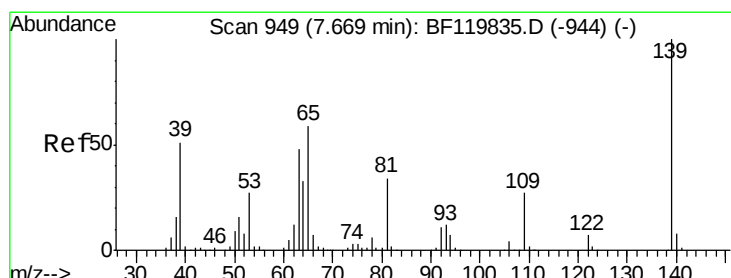
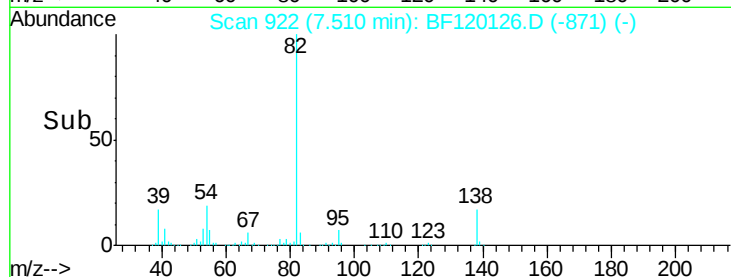
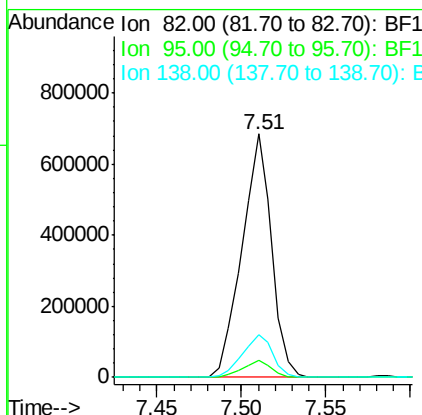
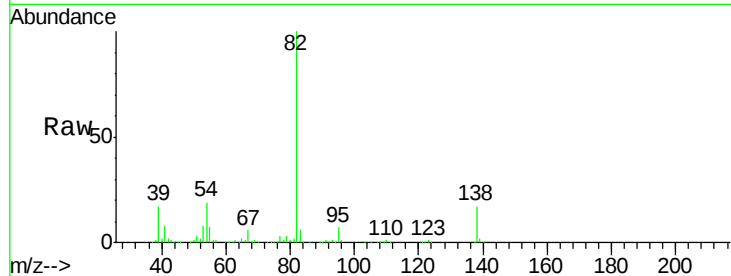
#25
Isophorone
Concen: 45.86 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	17.4	14.6	21.8

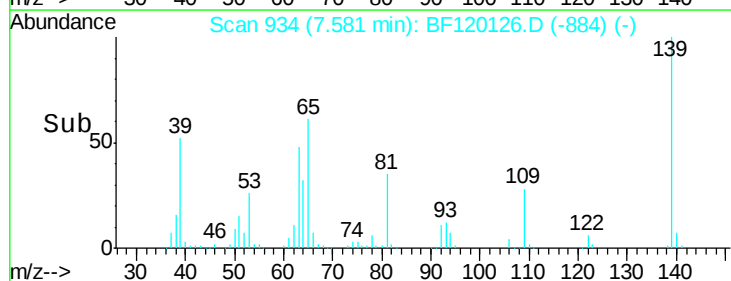
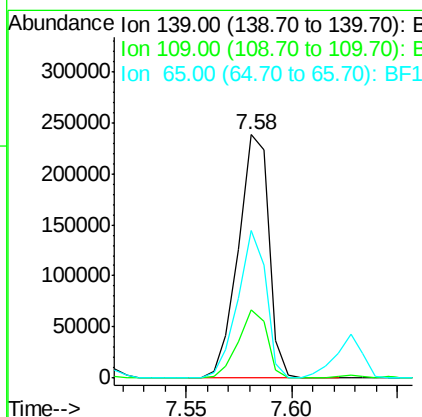
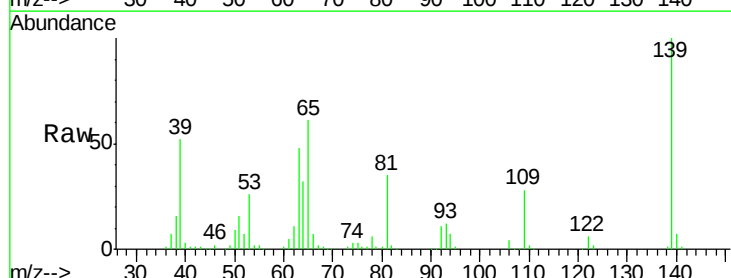
Manual Integrations
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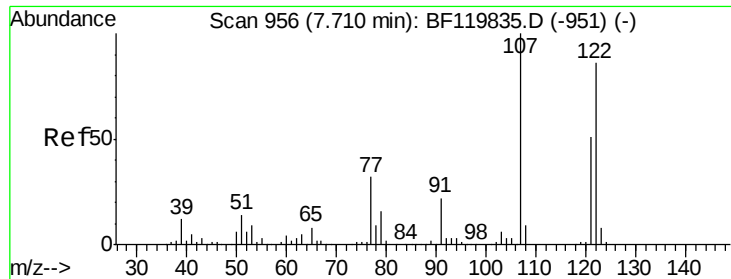
mohammad
4/24/2020 4:17:53 AM



#26
2-Nitrophenol
Concen: 50.29 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.1	33.1
65	60.6	49.2	73.8





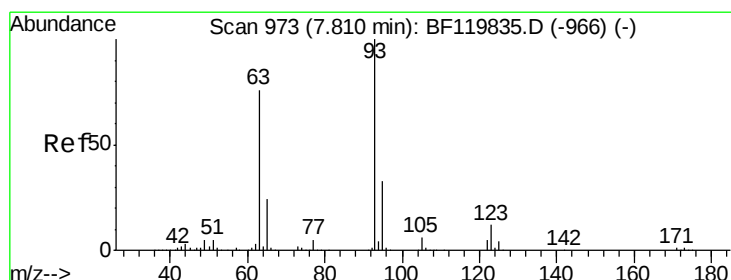
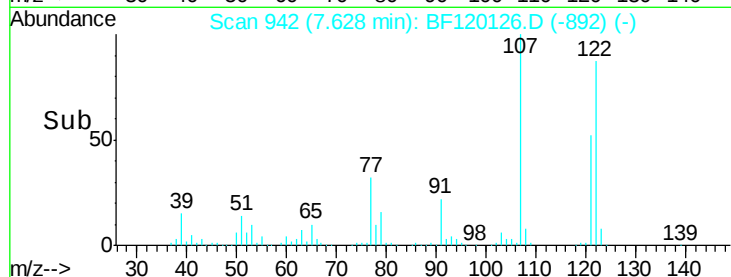
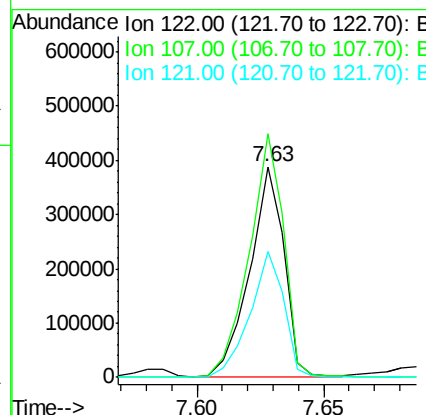
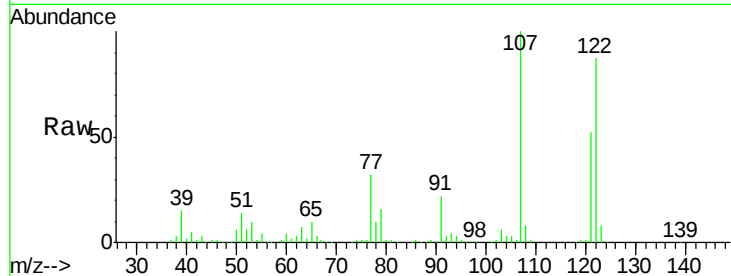
#27
 2,4-Dimethylphenol
 Concen: 51.61 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	369236		
107	115.4	89.0	133.6	
121	59.7	46.7	70.1	

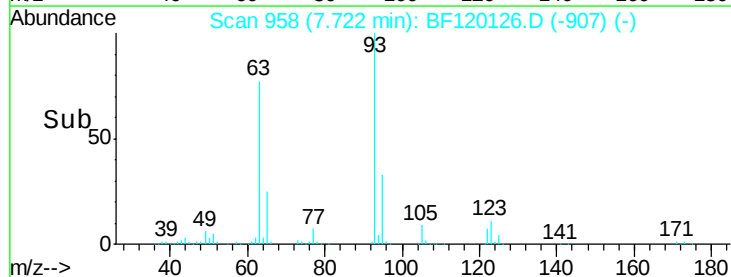
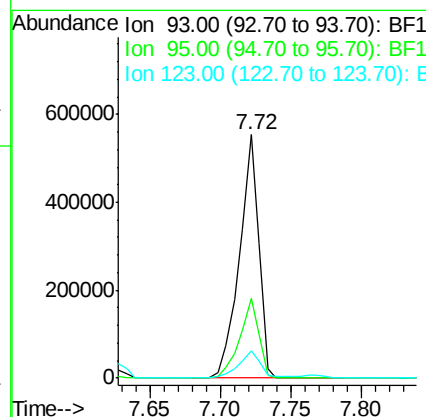
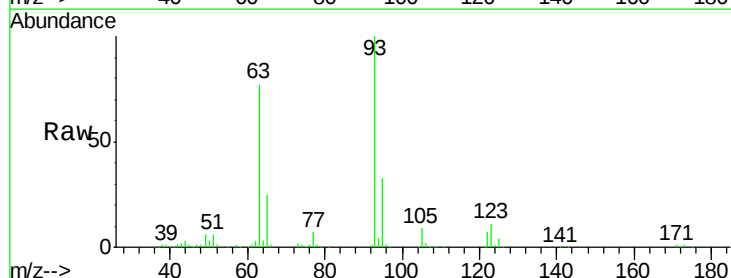
Manual Integrations
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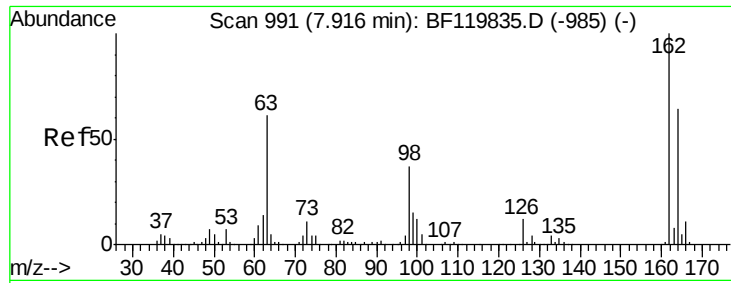
mohammad
 4/24/2020 4:17:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.14 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526164		
95	32.6	26.3	39.5	
123	11.3	9.7	14.5	





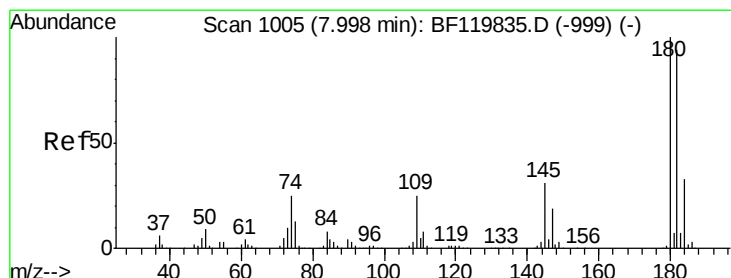
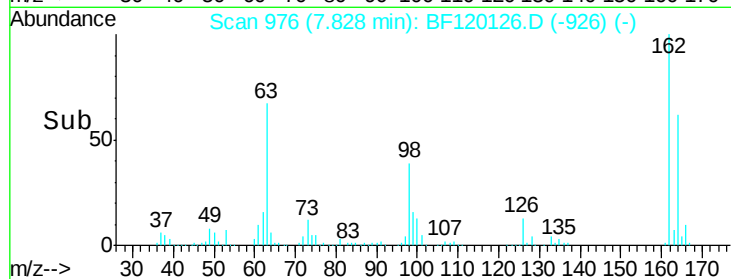
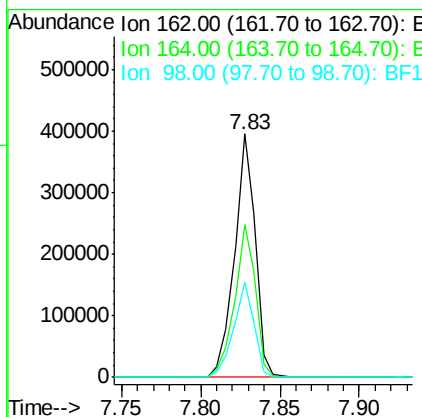
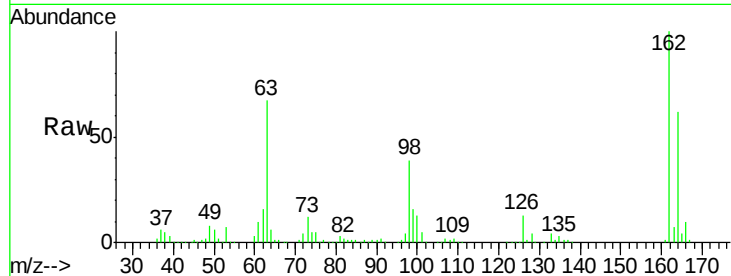
#29
 2,4-Dichlorophenol
 Concen: 48.98 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion:	162	Resp:	359235
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.7	84.7
98	39.0	20.7	60.7

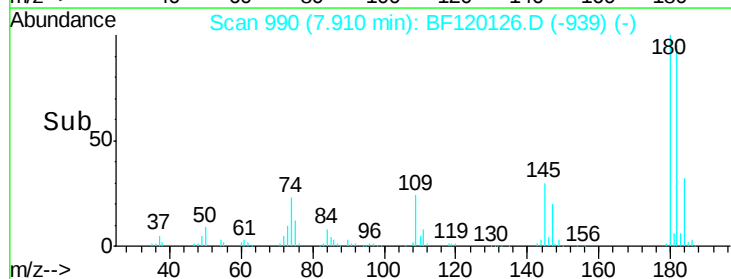
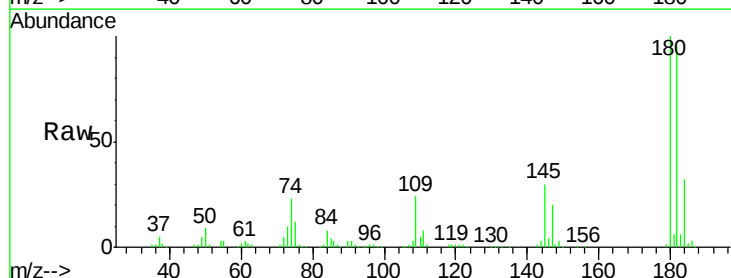
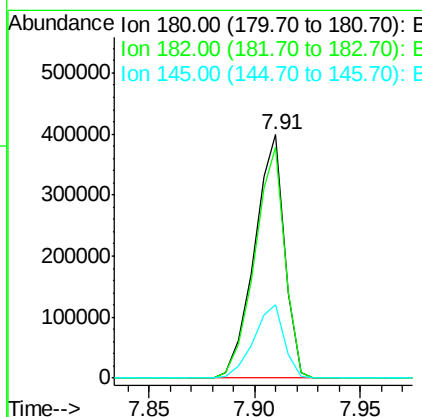
Manual Integrations
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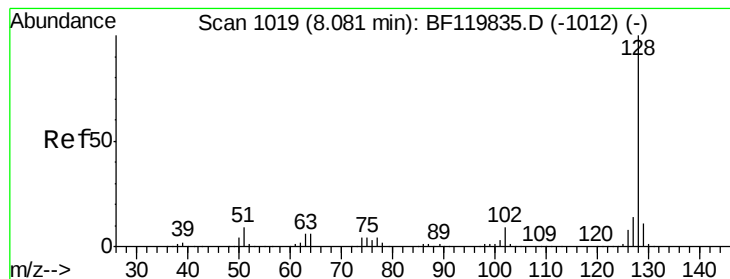
mohammad
 4/24/2020 4:17:53 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.43 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion:	180	Resp:	394120
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.7	112.1
145	30.0	24.5	36.7





#31

Naphthalene

Concen: 49.12 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion:128 Resp: 1261870

Ion Ratio Lower Upper

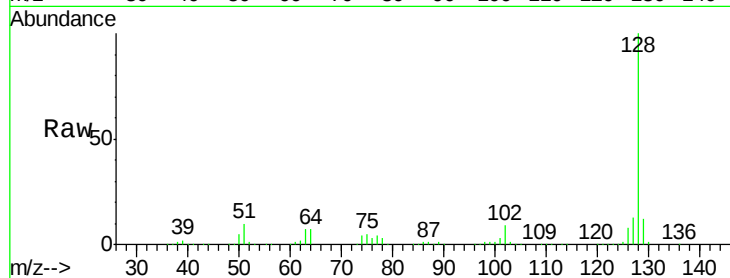
128 100

129 11.8 9.5 14.3

127 13.4 11.3 16.9

Manual Integrations
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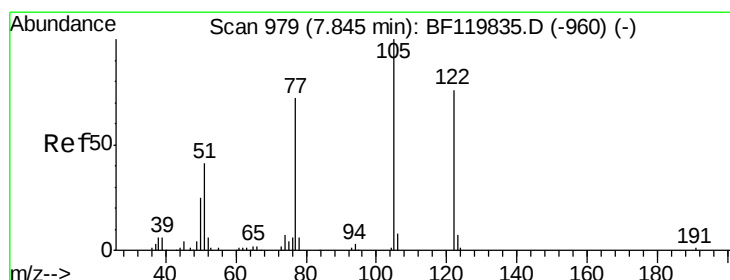
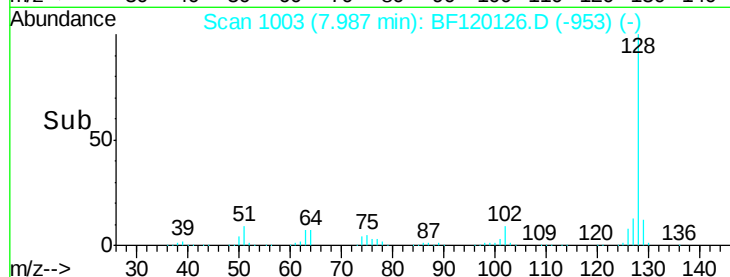
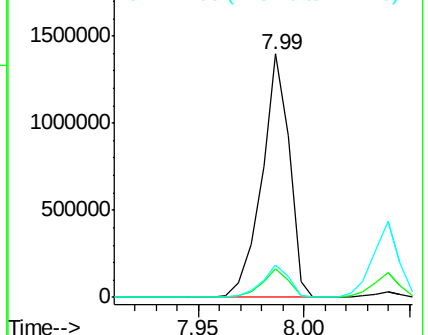
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.02 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

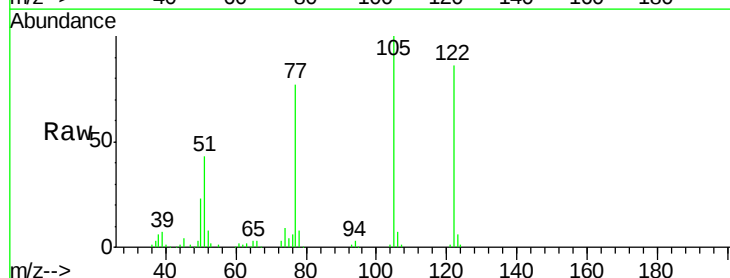
Tgt Ion:122 Resp: 276589

Ion Ratio Lower Upper

122 100

105 116.5 104.9 144.9

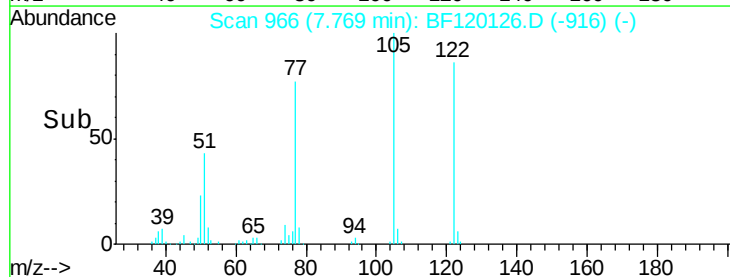
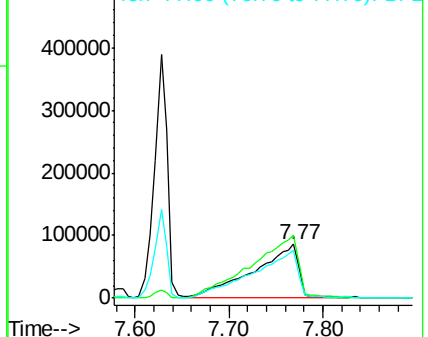
77 89.8 74.4 114.4

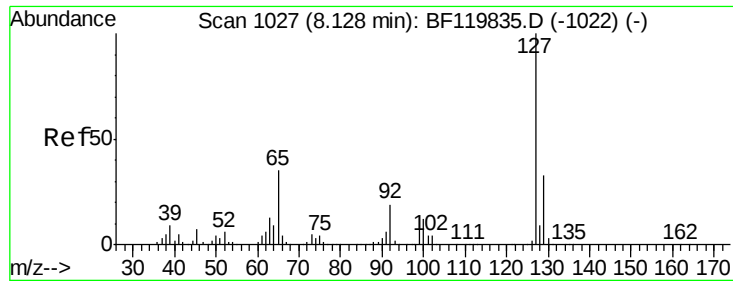


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





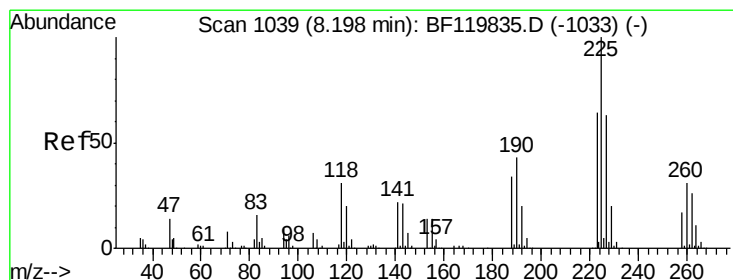
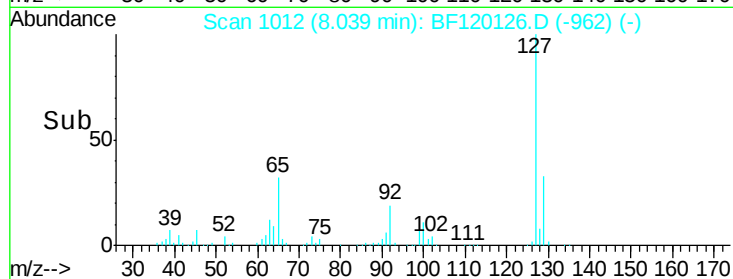
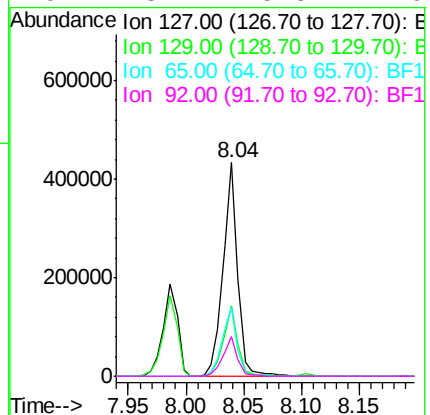
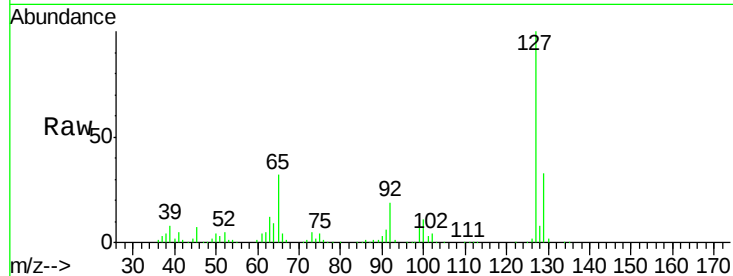
#33
4-Chloroaniline
Concen: 34.26 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	383184		
129	32.7	26.2	39.4	
65	32.5	27.4	41.0	
92	18.7	15.3	22.9	

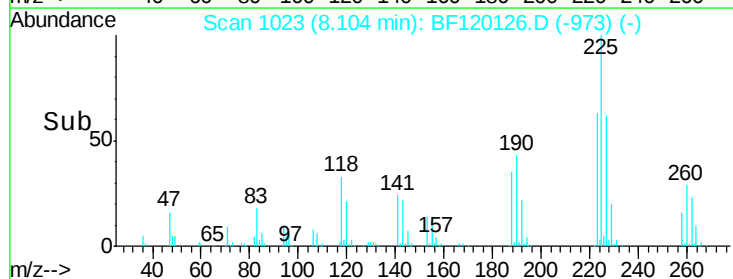
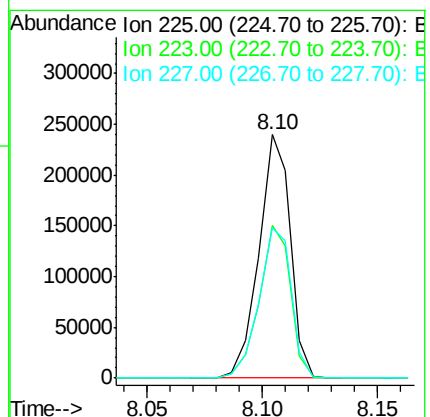
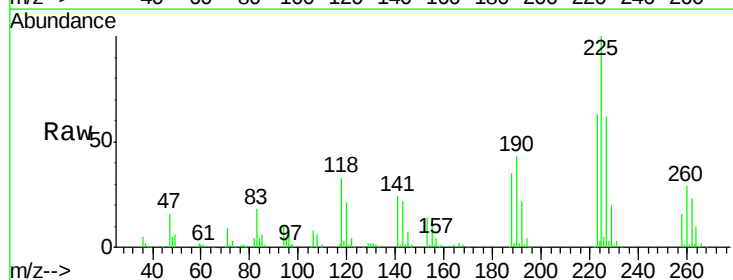
Manual Integrations
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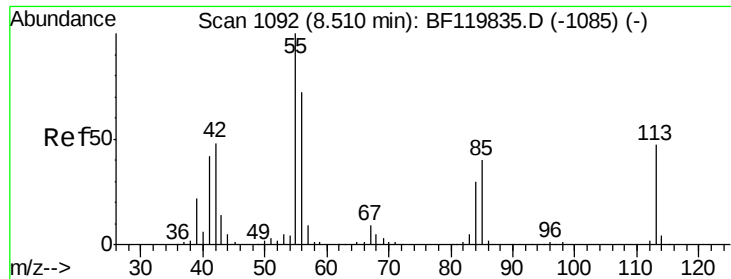
mohammad
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#34
Hexachlorobutadiene
Concen: 45.61 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	226864		
223	62.6	51.0	76.6	
227	61.7	50.7	76.1	





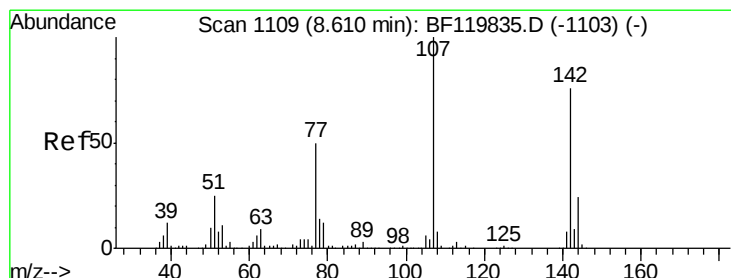
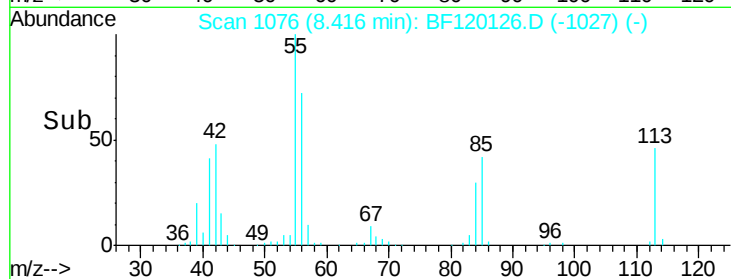
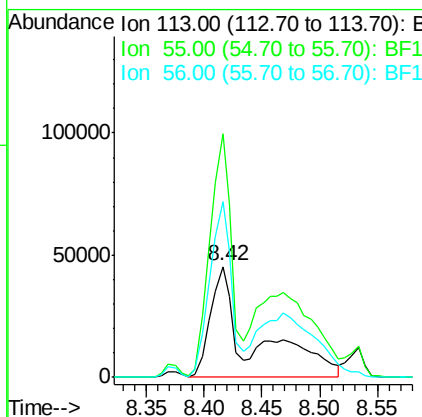
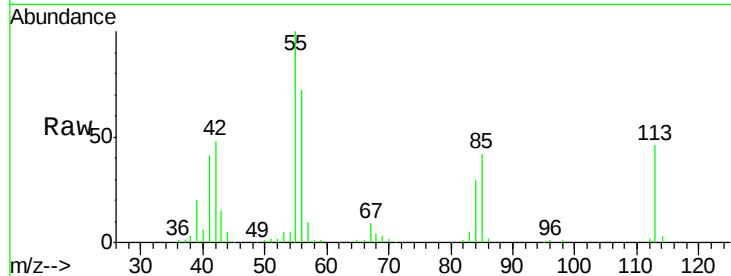
#35
 Caprolactam
 Concen: 50.42 ng m
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.4	218.4	258.4
56	158.3	148.9	188.9

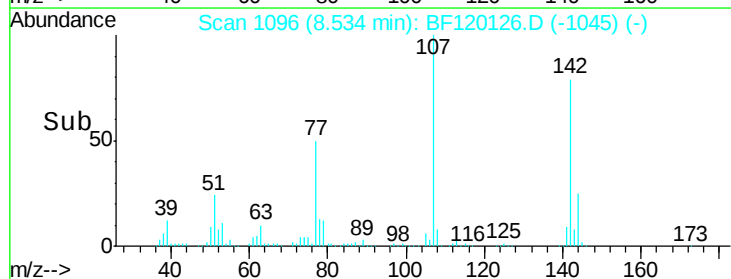
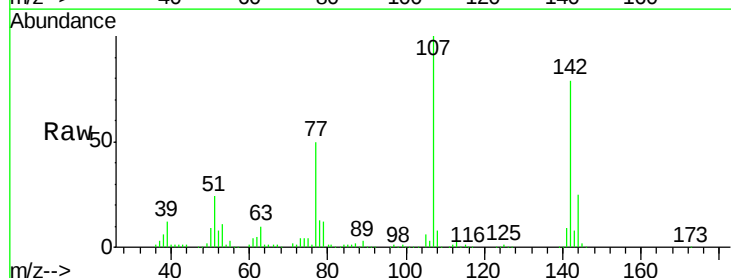
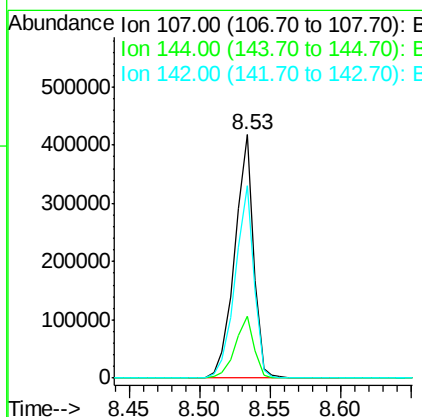
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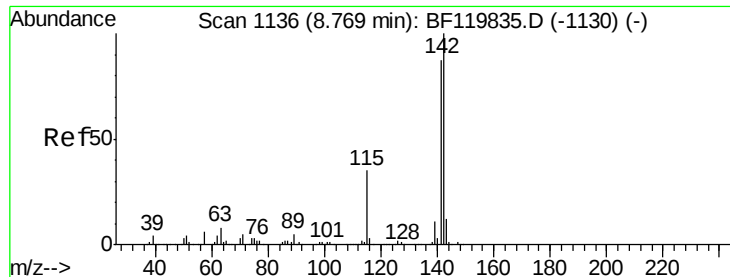
mohammad
 4/24/2020 4:17:53 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.87 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.0	31.6
142	79.0	64.4	96.6





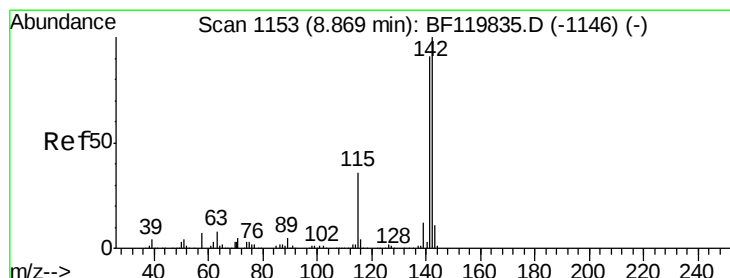
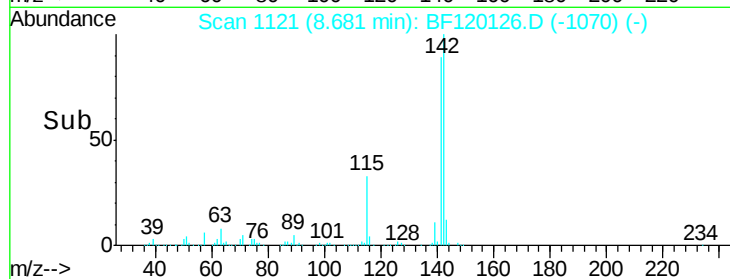
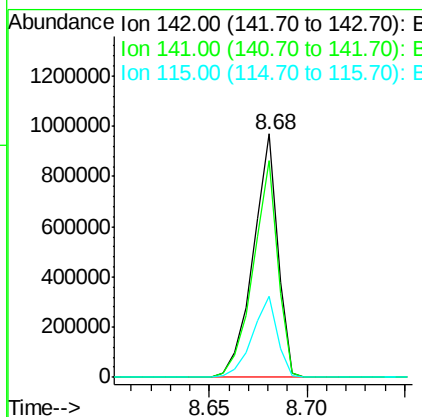
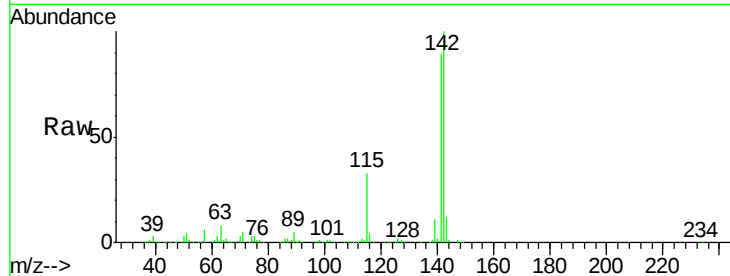
#37
 2-Methylnaphthalene
 Concen: 48.61 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.7	107.5
115	33.4	27.9	41.9

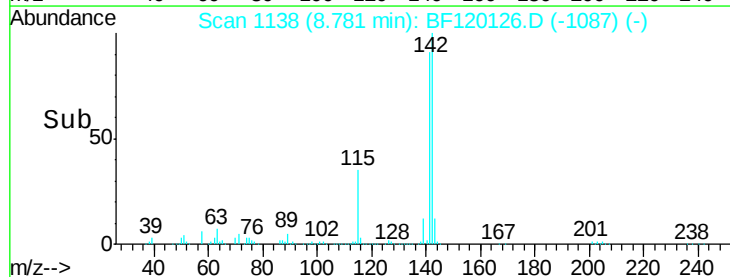
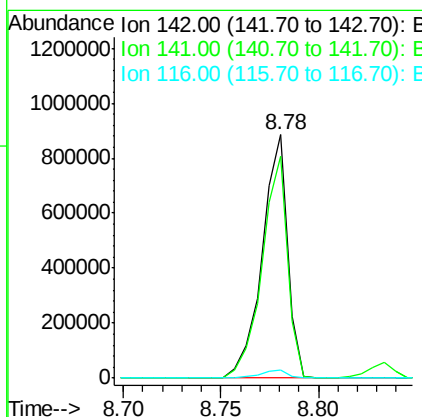
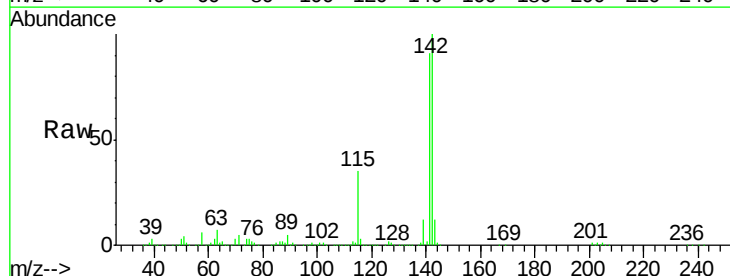
Manual Integrations
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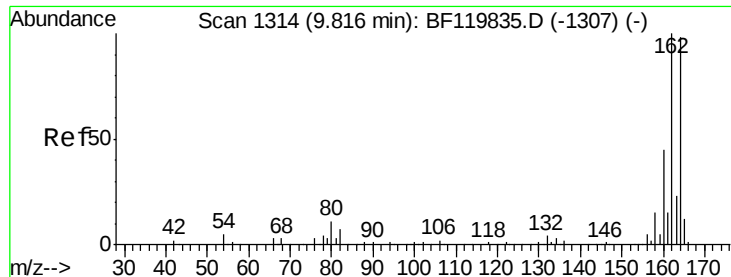
mohammad
 4/24/2020 4:17:53 AM



#38
 1-Methylnaphthalene
 Concen: 48.74 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF120126.D

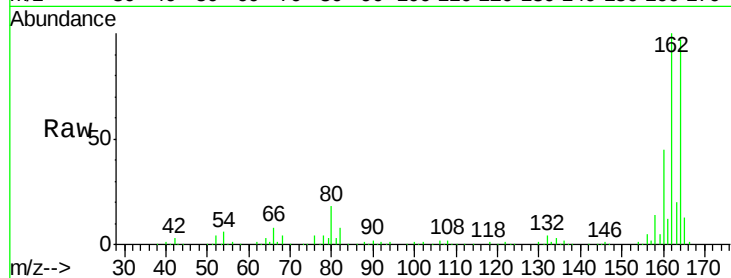
Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

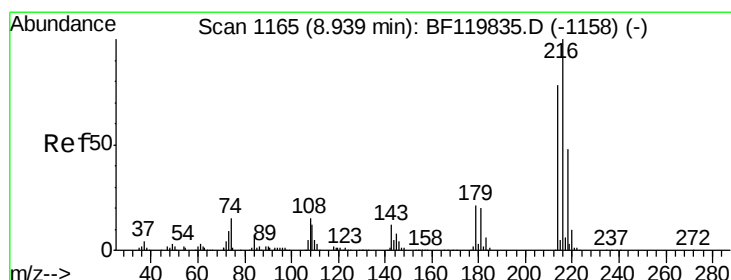
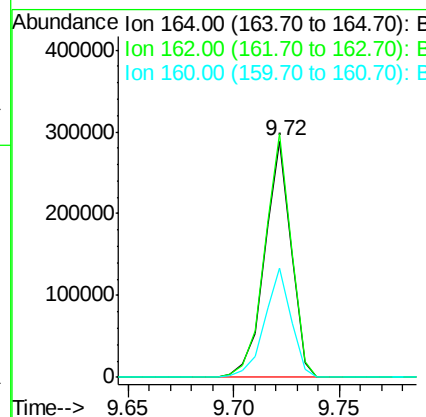
PB128358BS



Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.6	121.0	
160	46.4	35.7	53.5	

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#40

1,2,4,5-Tetrachlorobenzene

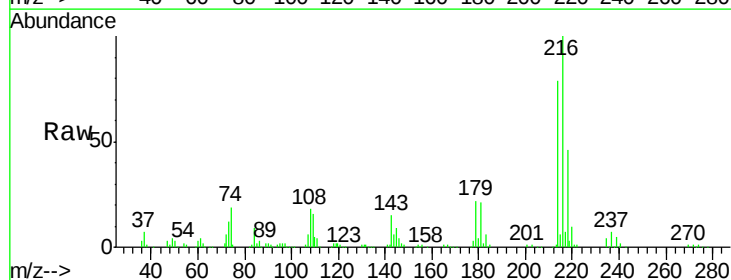
Concen: 47.54 ng

RT: 8.85 min Scan# 1149

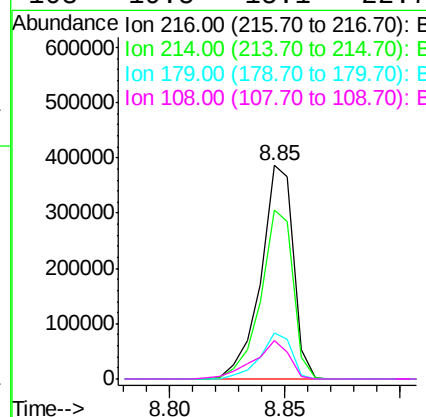
Delta R.T. -0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59



Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.2	94.8	
179	21.1	17.1	25.7	
108	19.5	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 83.25 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

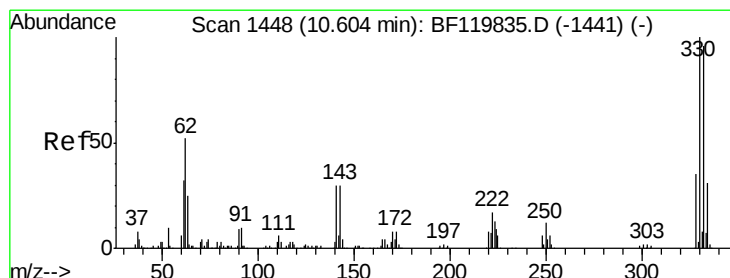
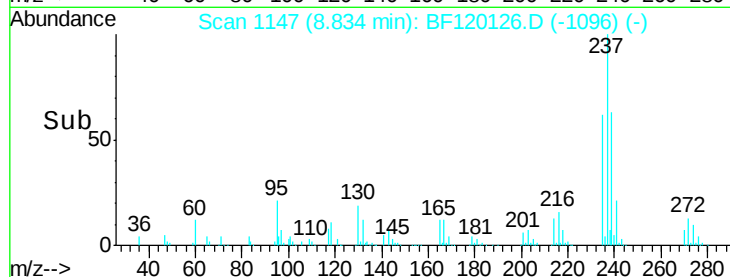
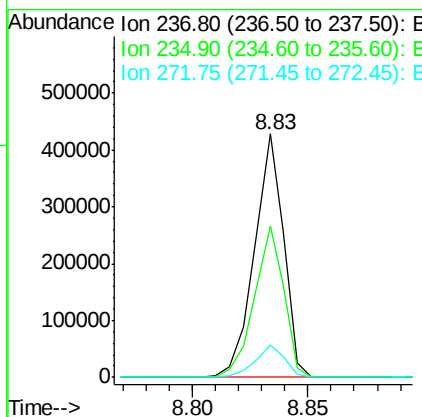
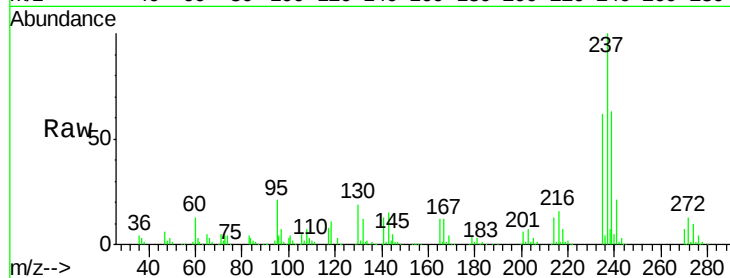
ClientSampleId :

PB128358BS

Tgt Ion:	237	Resp:	377697
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.2	83.2
272	13.3	0.0	34.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 114.79 ng

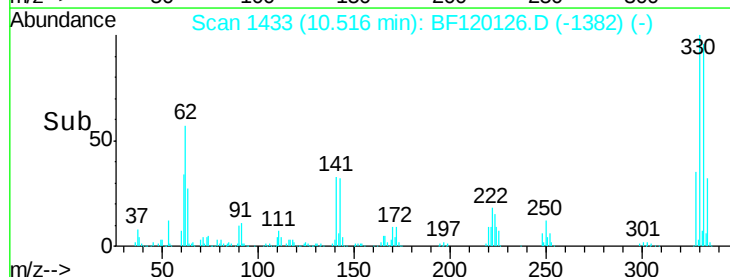
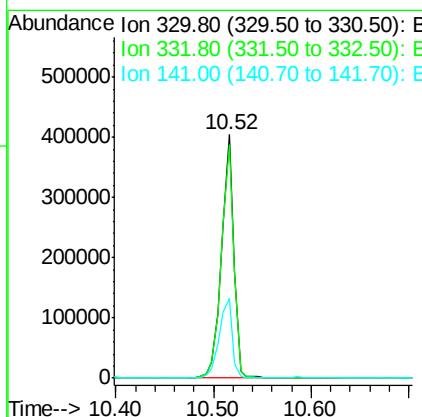
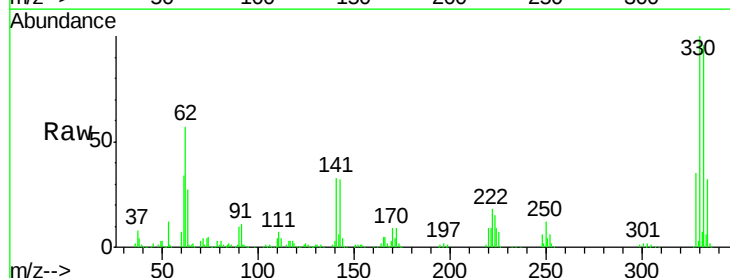
RT: 10.52 min Scan# 1433

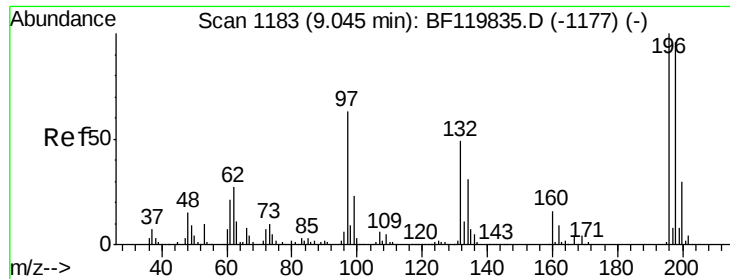
Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	330	Resp:	355027
Ion Ratio	Lower	Upper	
330	100		
332	98.1	75.7	113.5
141	34.6	25.4	38.0





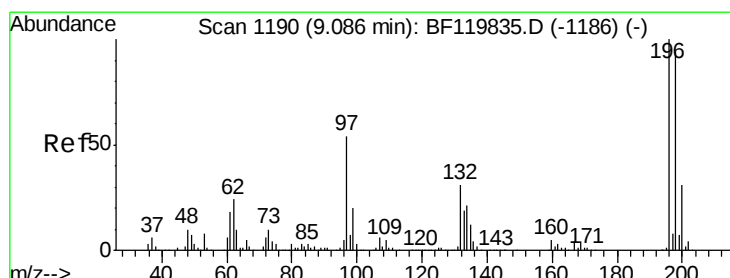
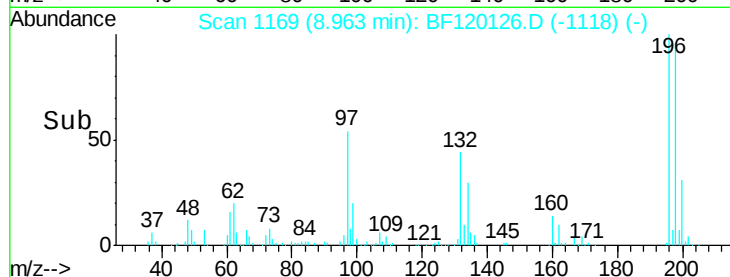
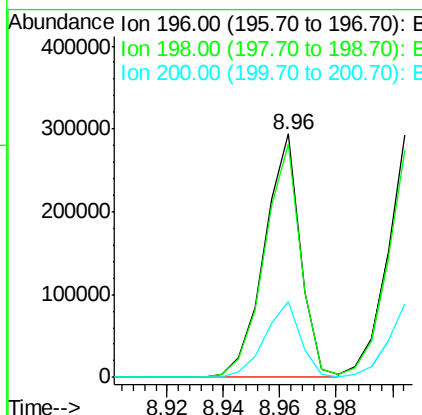
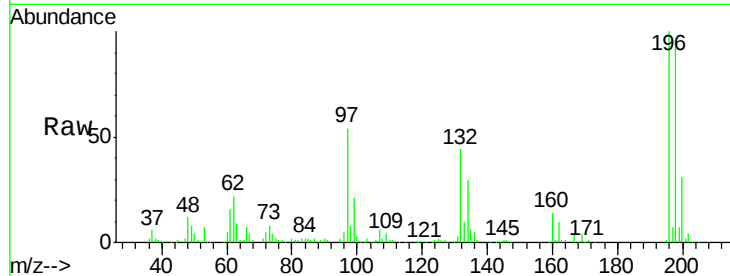
#43
 2,4,6-Trichlorophenol
 Concen: 47.18 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259945		
198	95.7	76.6	115.0	
200	31.3	24.6	36.8	

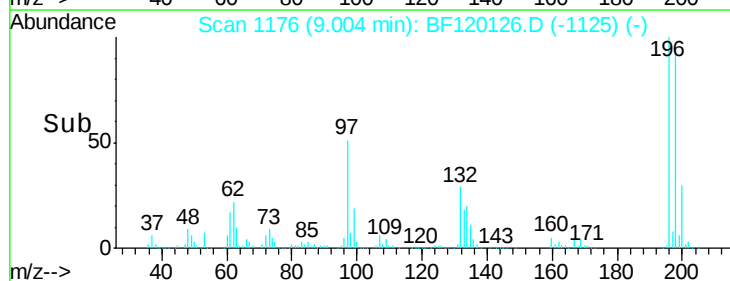
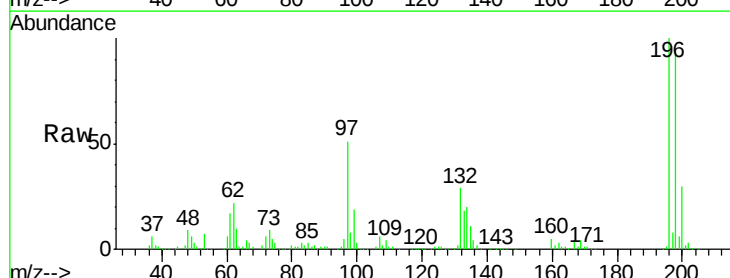
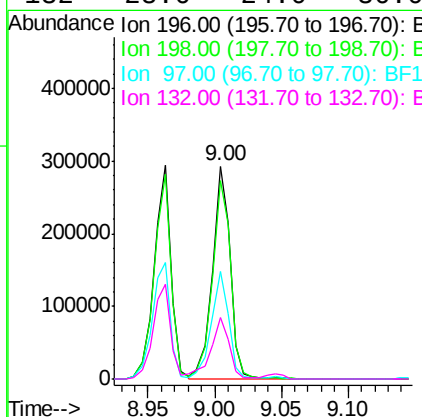
Manual Integrations
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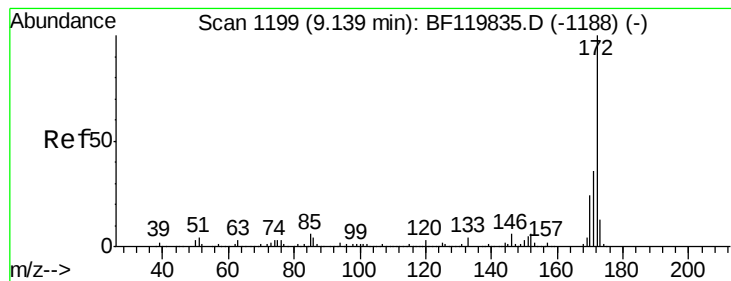
mohammad
 4/24/2020 4:17:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.20 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274260		
198	93.5	73.8	110.8	
97	50.8	42.6	63.8	
132	28.6	24.0	36.0	





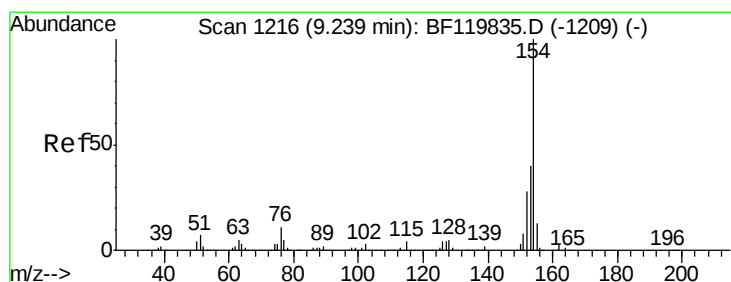
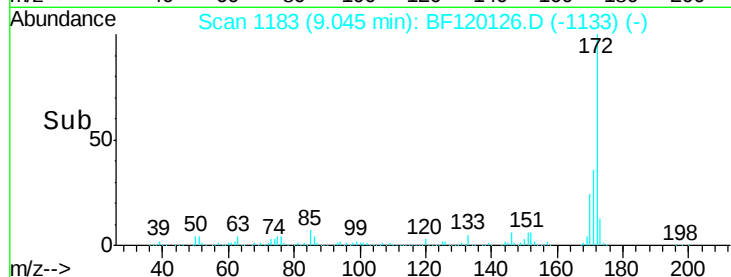
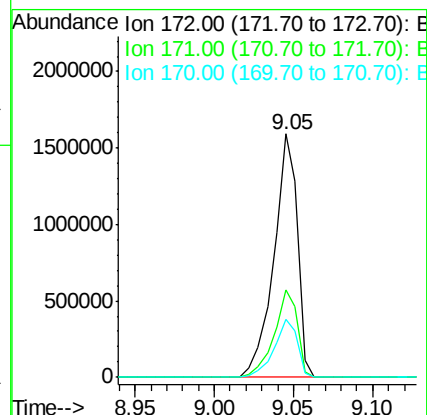
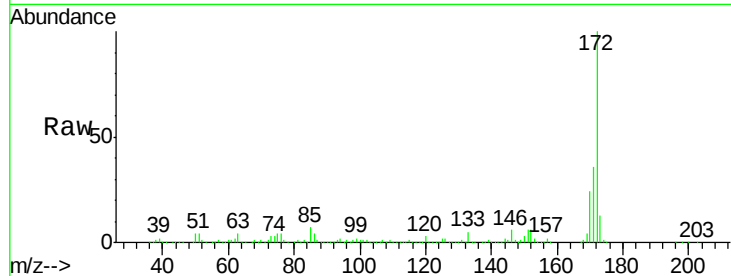
#45
2-Fluorobiphenyl
Concen: 92.55 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	20.2	30.2

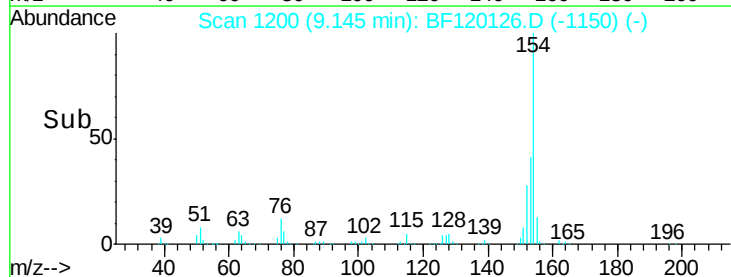
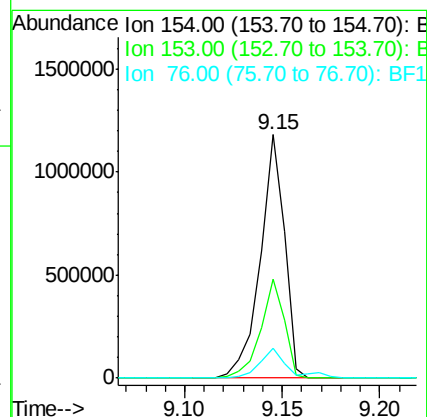
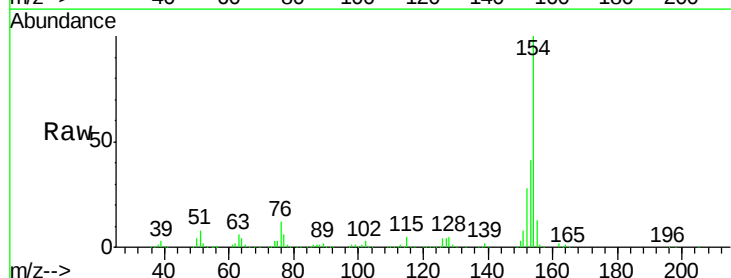
Manual Integrations
APPROVED

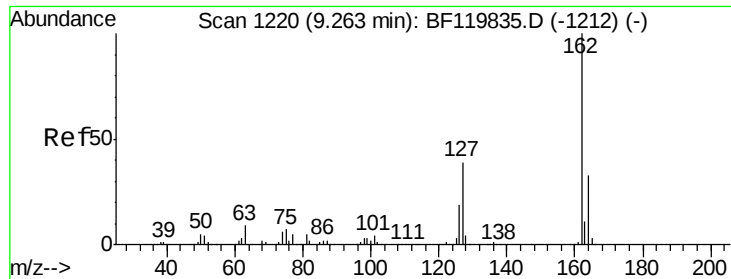
mohammad
4/24/2020 4:17:53 AM



#46
1,1'-Biphenyl
Concen: 47.66 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	12.5	0.0	33.0





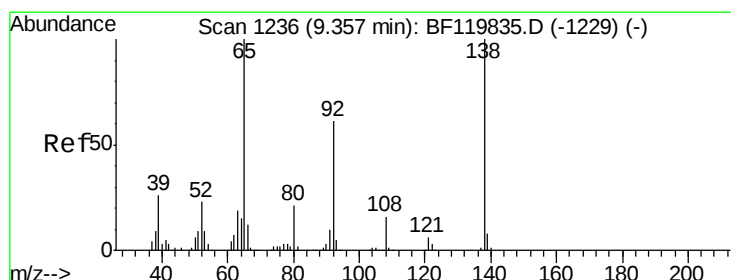
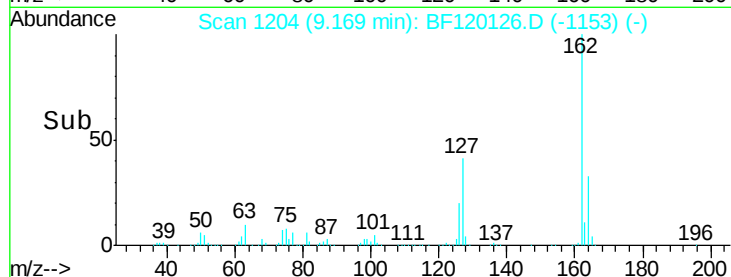
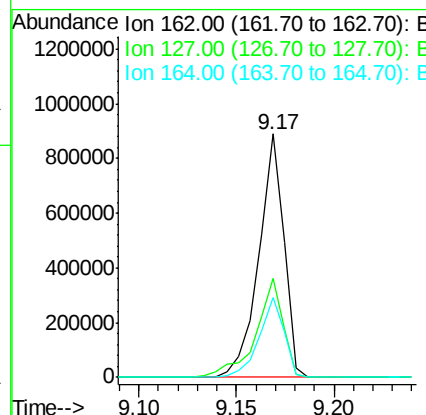
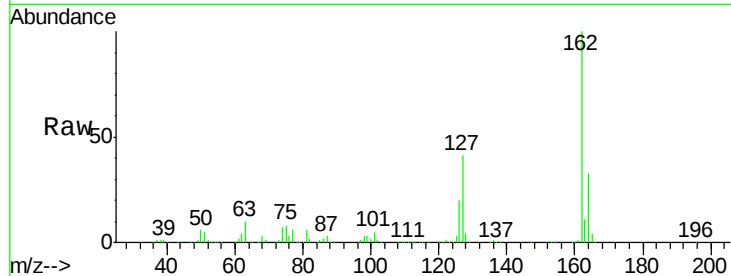
#47
2-Chloronaphthalene
Concen: 48.27 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	32.6	26.3	39.5

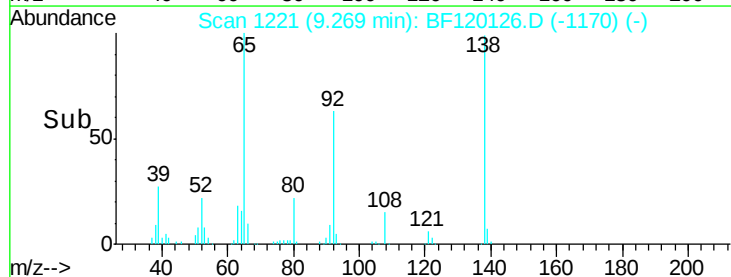
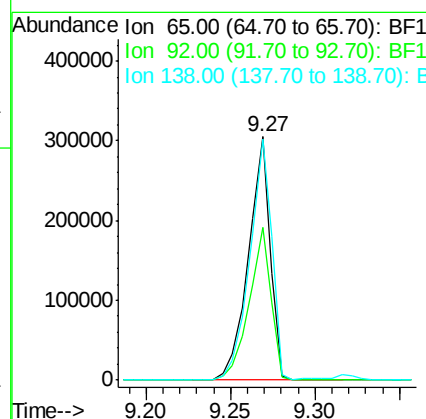
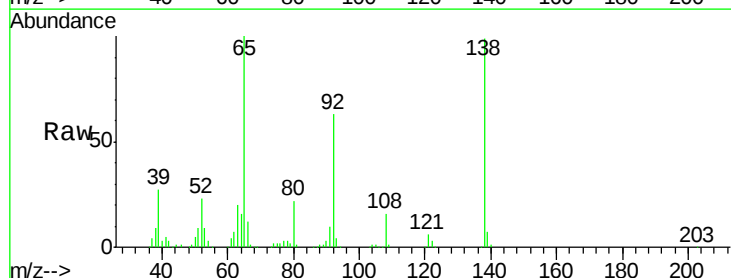
Manual Integrations
APPROVED

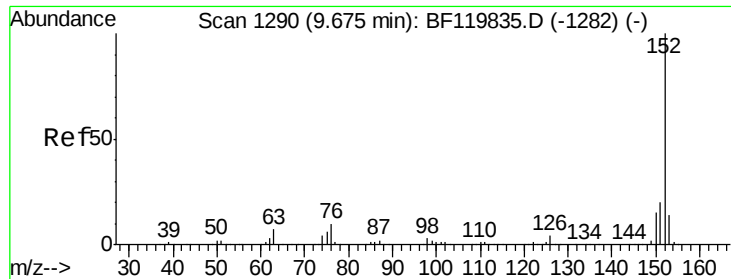
mohammad
4/24/2020 4:17:53 AM



#48
2-Nitroaniline
Concen: 46.40 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	50.0	75.0
138	98.8	75.0	112.4





#49

Acenaphthylene

Concen: 49.72 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion:152 Resp: 1242028

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

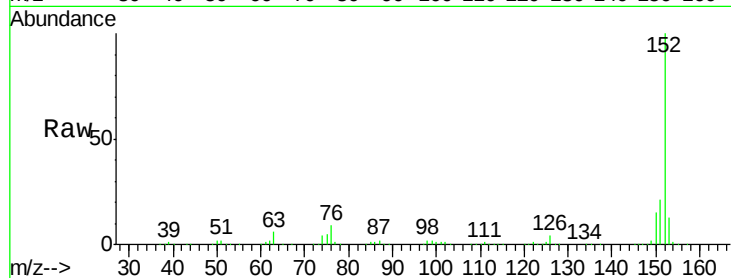
153 13.3 11.2 16.8

Manual Integrations

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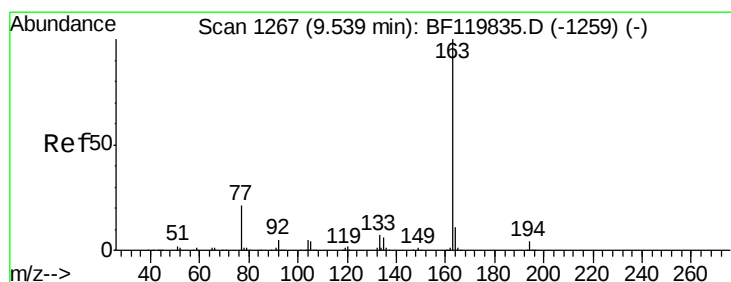
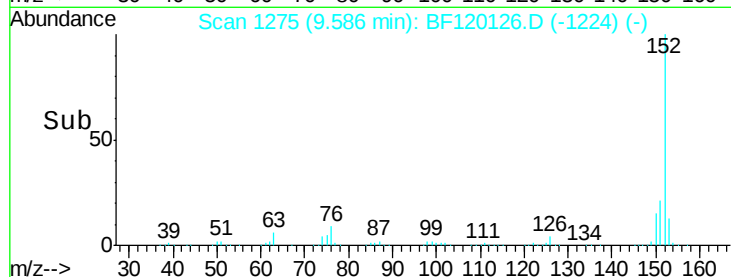
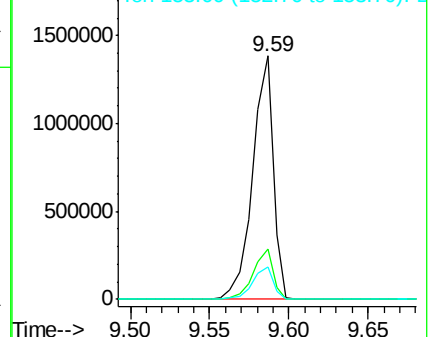
4/24/2020 4:17:53 AM



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: 45.95 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

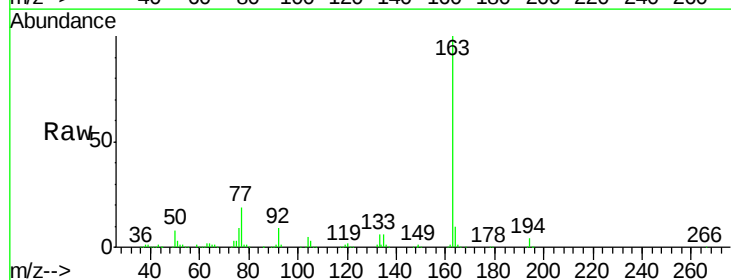
Tgt Ion:163 Resp: 897859

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

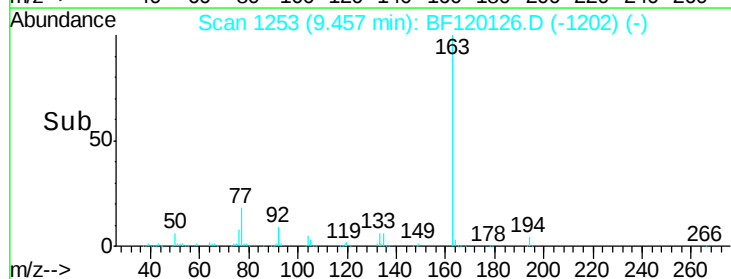
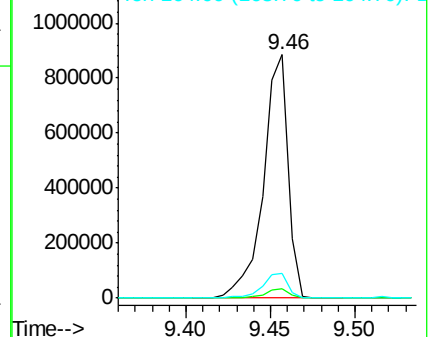
164 9.9 8.2 12.2

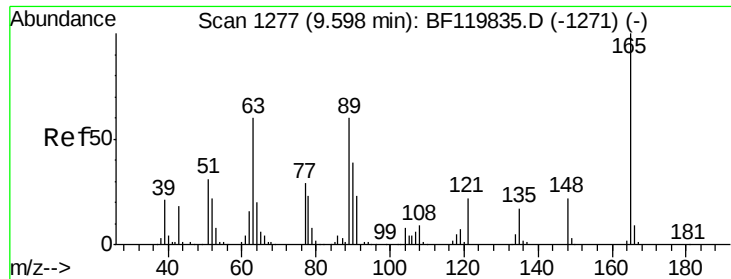


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





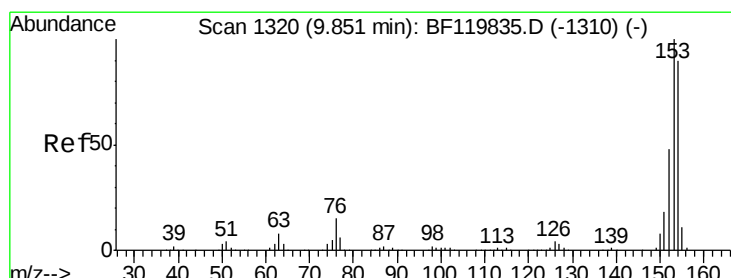
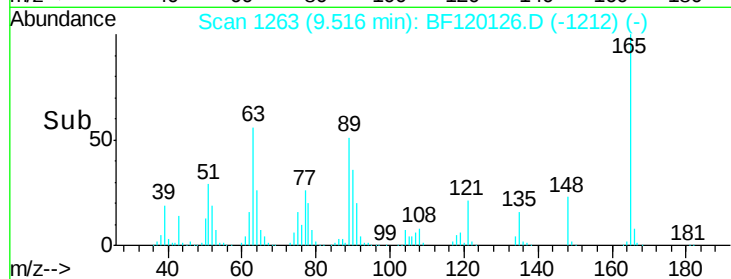
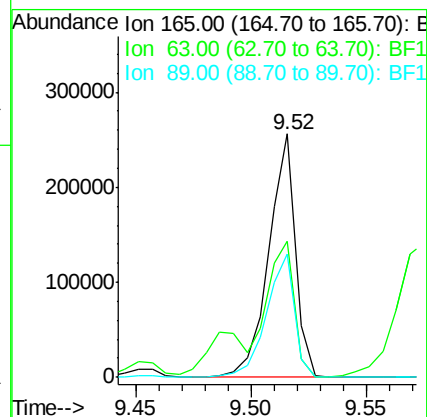
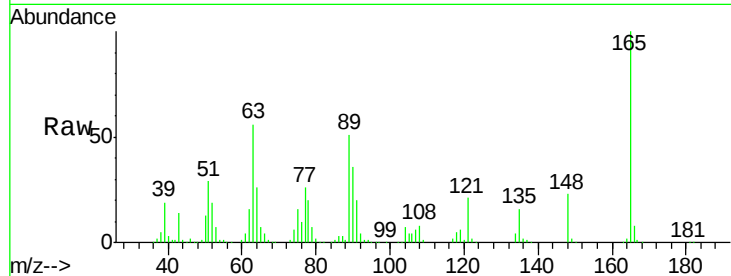
#51
2,6-Dinitrotoluene
Concen: 48.19 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.1	45.0	67.4
89	50.7	41.5	62.3

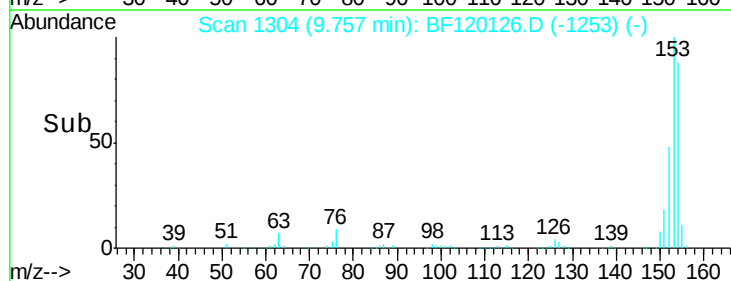
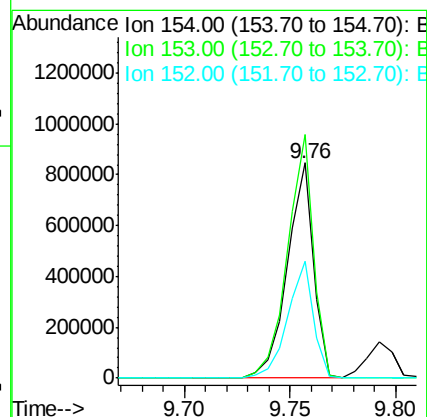
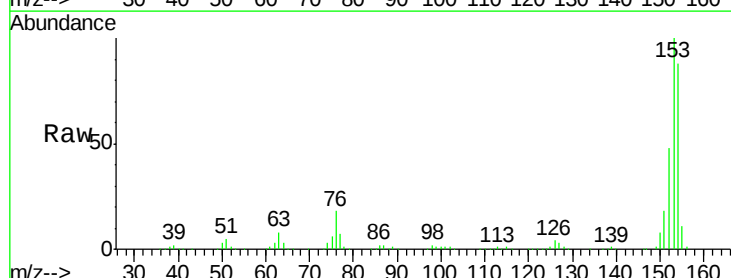
Manual Integrations
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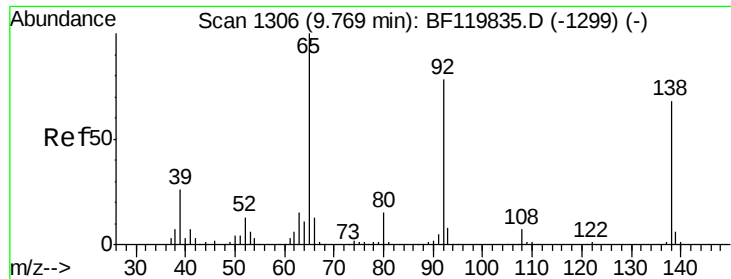
mohammad
4/24/2020 4:17:53 AM



#52
Acenaphthene
Concen: 44.12 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	113.1	88.1	132.1
152	54.1	43.0	64.4





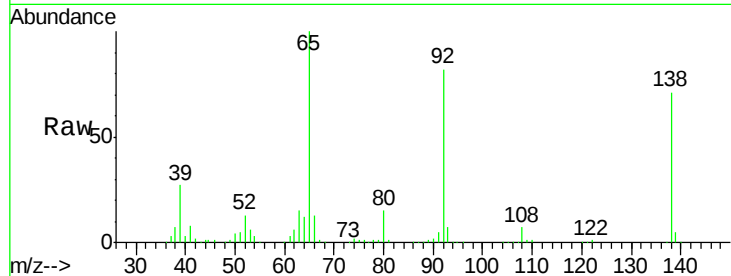
#53
 3-Nitroaniline
 Concen: 35.15 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

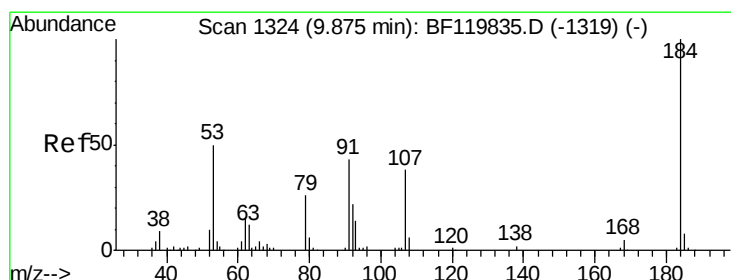
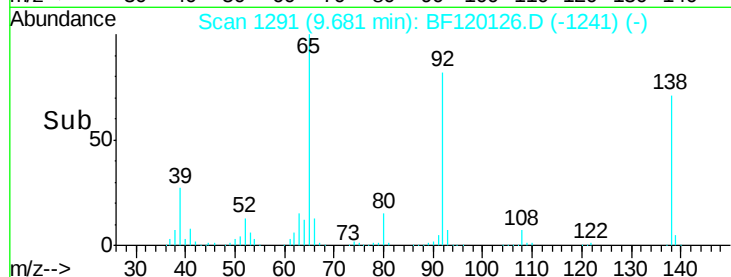
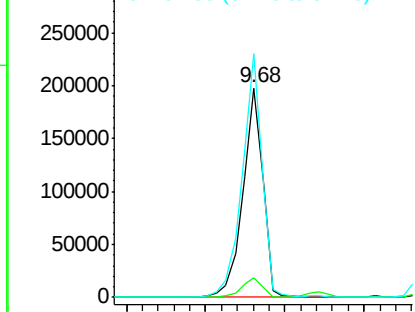
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	171791		
108	9.5	8.6	13.0	
92	116.2	95.4	143.0	

Manual Integrations
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mohammad
 4/24/2020 4:17:53 AM

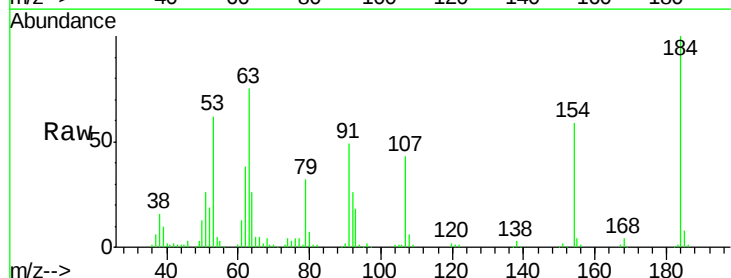


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

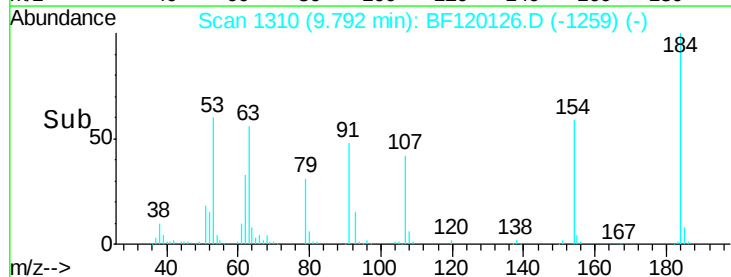
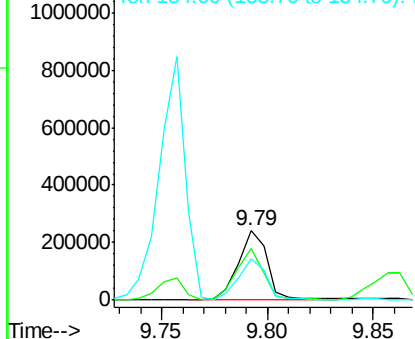


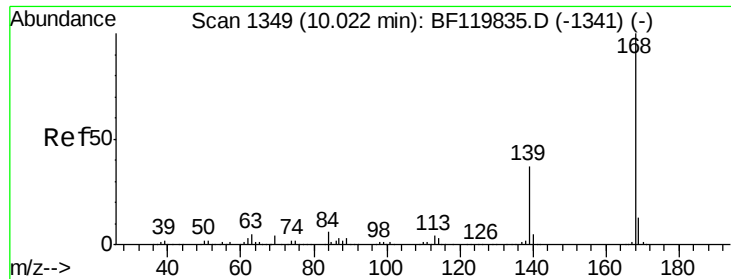
#54
 2,4-Dinitrophenol
 Concen: 89.81 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230059		
63	74.8	50.2	75.4	
154	59.3	44.5	66.7	



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





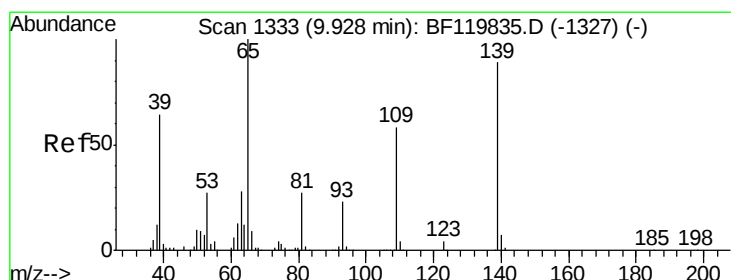
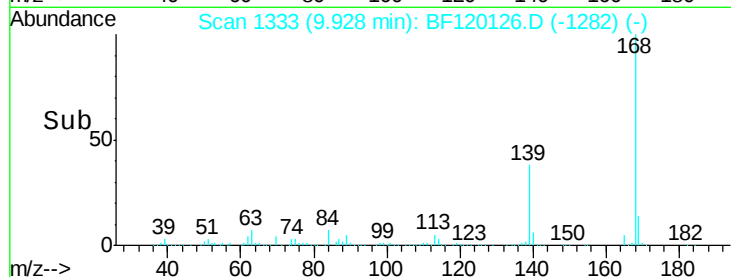
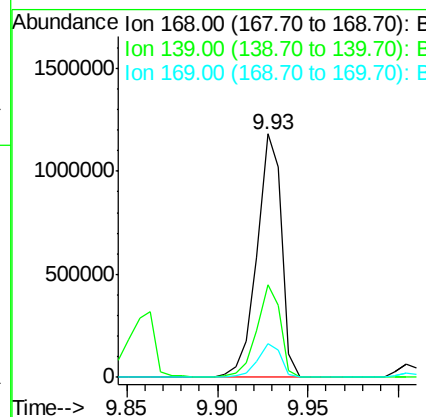
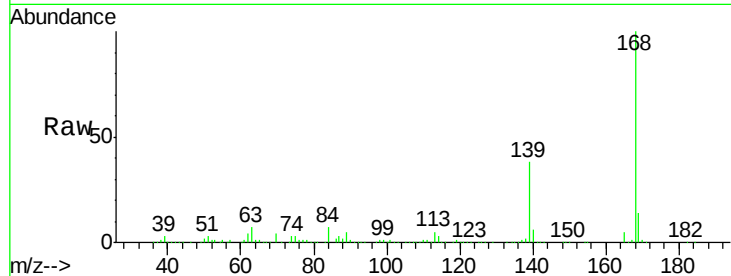
#55
Dibenzofuran
Concen: 48.47 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.8	11.0	16.6

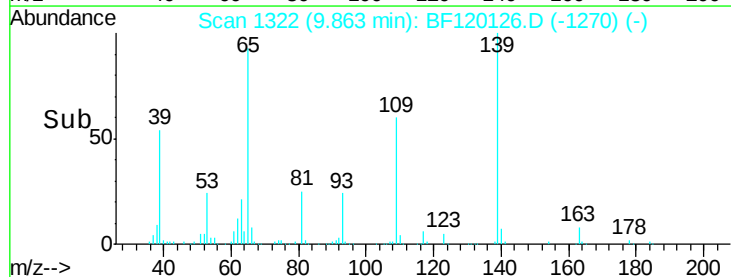
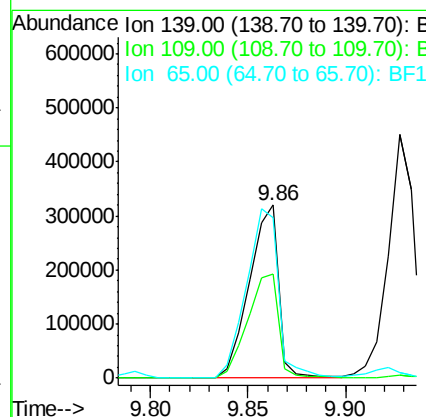
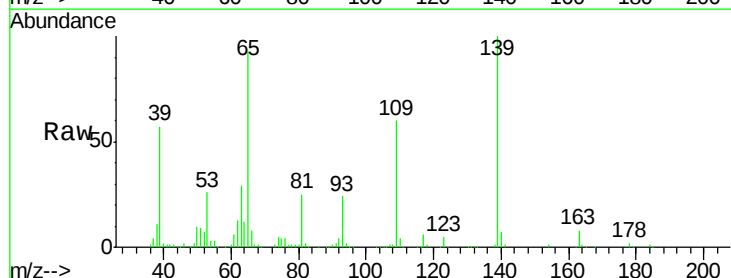
Manual Integrations
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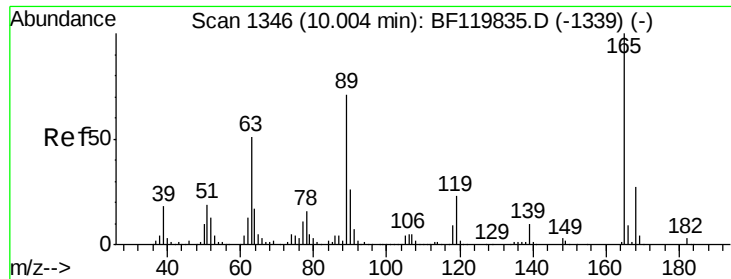
mohammad
4/24/2020 4:17:53 AM



#56
4-Nitrophenol
Concen: 91.92 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.4	43.3	83.3
65	93.0	91.0	131.0





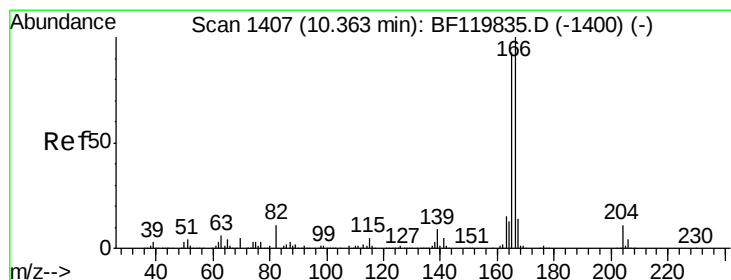
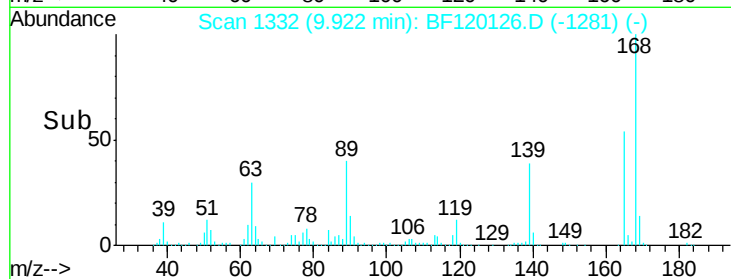
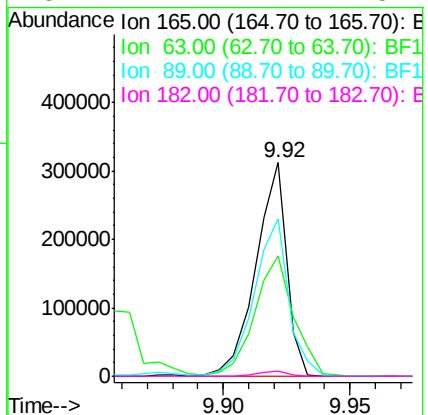
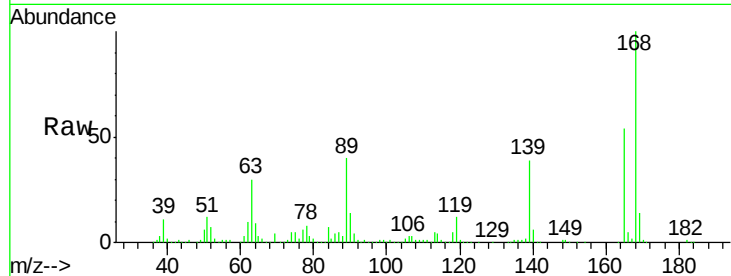
#57
2,4-Dinitrotoluene
Concen: 47.12 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	265615		
63	56.4	42.6	64.0	
89	73.6	61.0	91.4	
182	2.4	2.2	3.2	

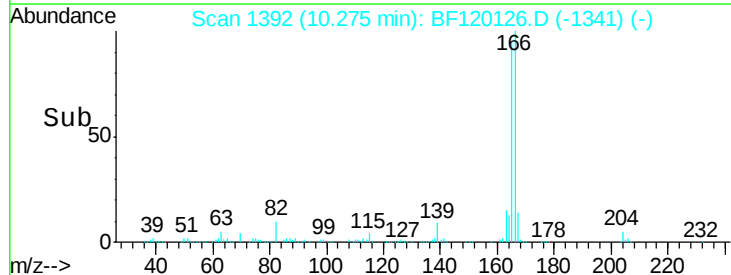
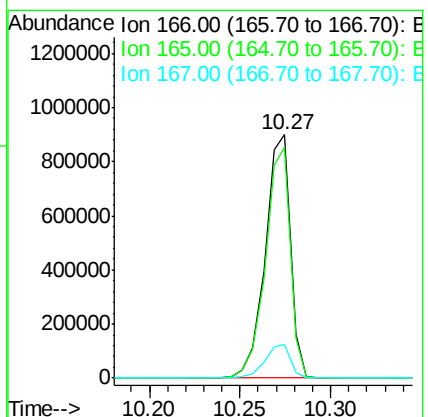
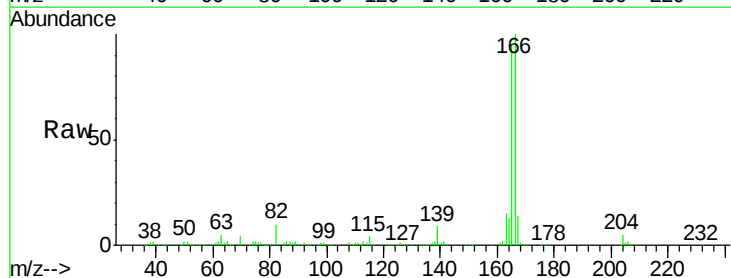
Manual Integrations
APPROVED

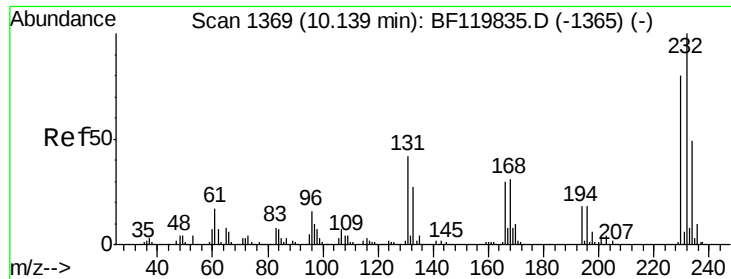
mohammad
4/24/2020 4:17:53 AM



#58
Fluorene
Concen: 47.40 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	866776		
165	94.8	75.4	113.2	
167	13.9	11.2	16.8	





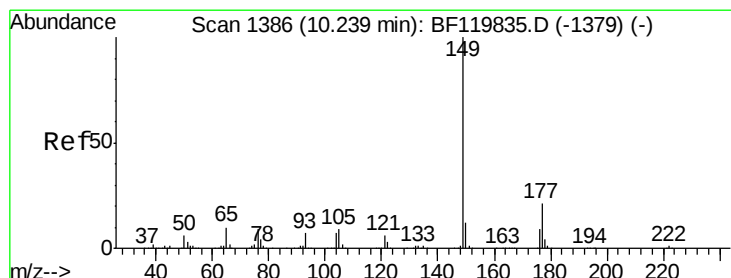
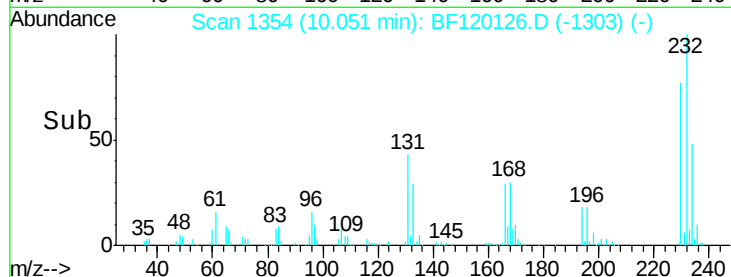
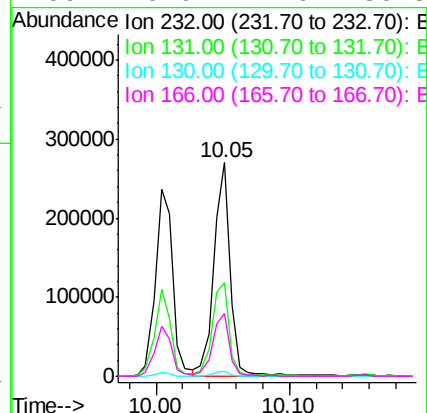
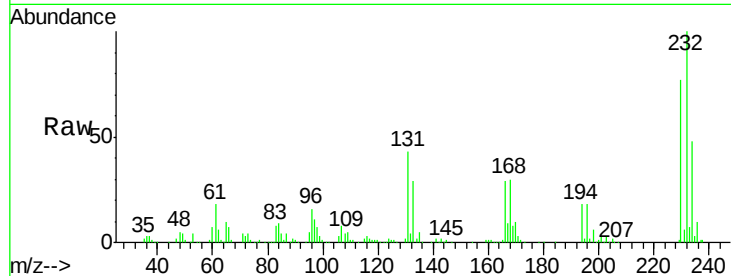
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.56 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion:	232	Resp:	230482
Ion Ratio	Lower	Upper	
232	100		
131	47.1	37.5	56.3
130	2.1	1.8	2.6
166	29.9	24.6	36.8

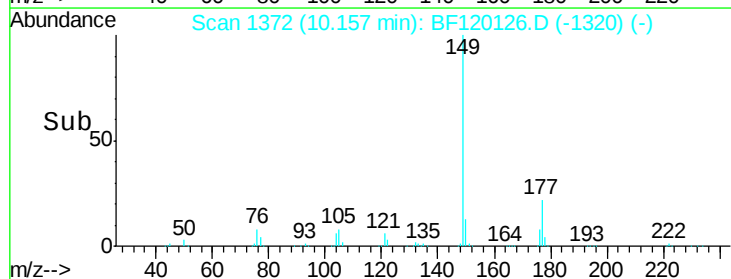
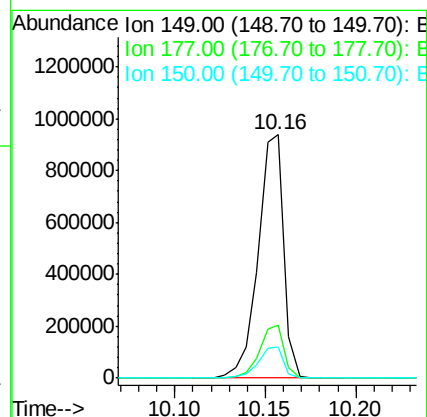
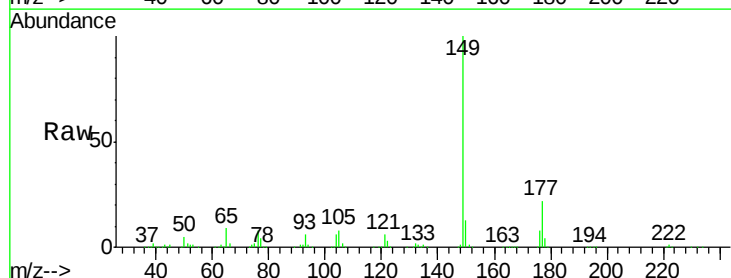
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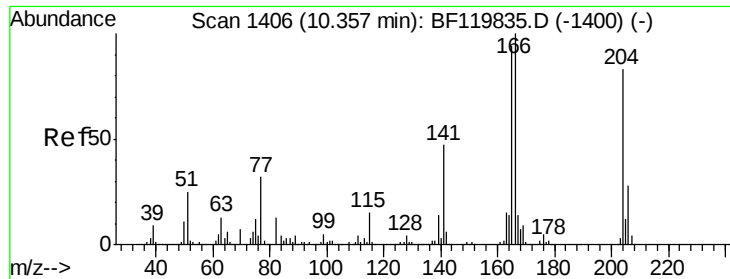
mohammad
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#60
 Diethylphthalate
 Concen: 45.27 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion:	149	Resp:	916817
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.0	25.6
150	12.7	10.1	15.1





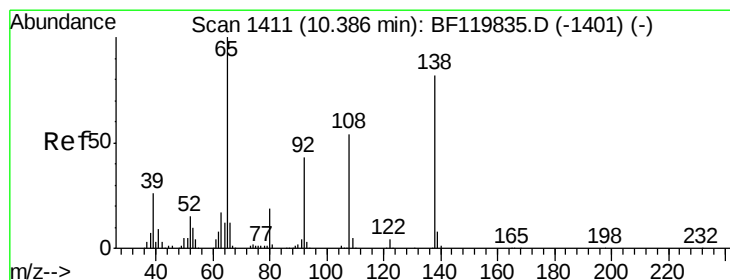
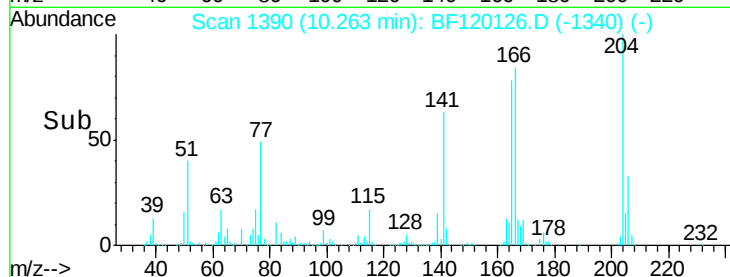
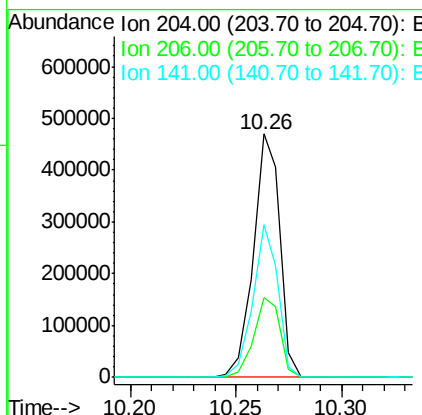
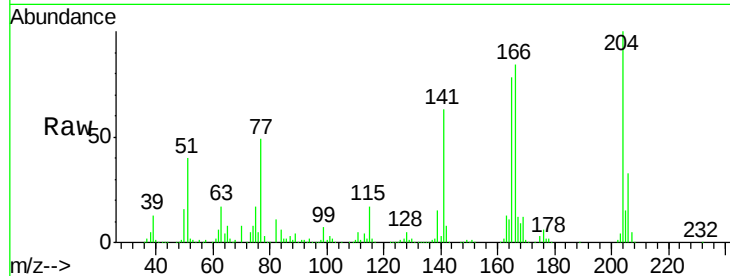
#61
 4-Chlorophenyl-phenylether
 Concen: 43.67 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion:	204	Resp:	409355
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	62.9	47.3	70.9

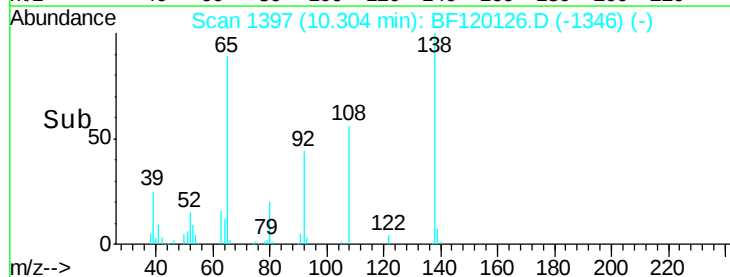
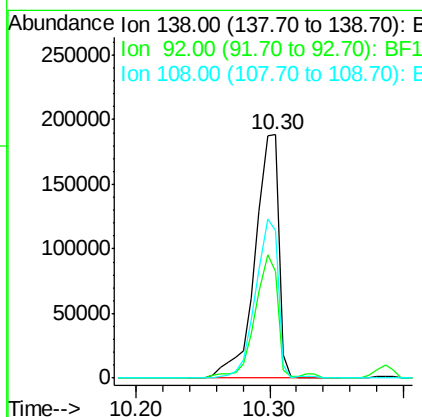
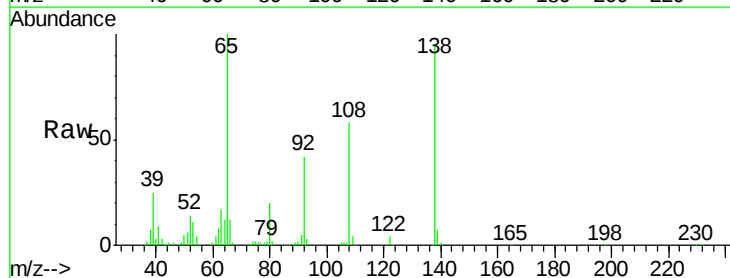
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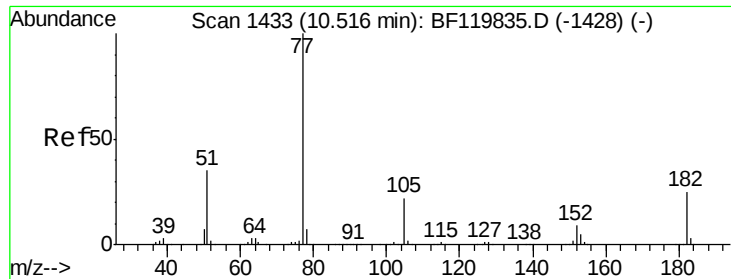
mohammad
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#62
 4-Nitroaniline
 Concen: 49.18 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion:	138	Resp:	229047
Ion Ratio	Lower	Upper	
138	100		
92	43.8	31.5	71.5
108	60.6	45.8	85.8





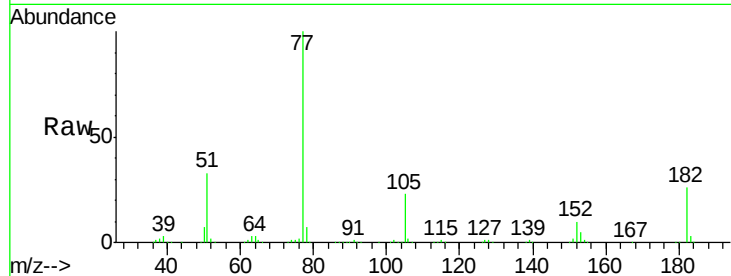
#63
Azobenzene
Concen: 48.54 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

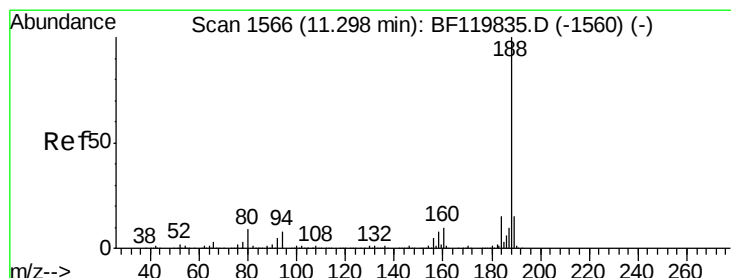
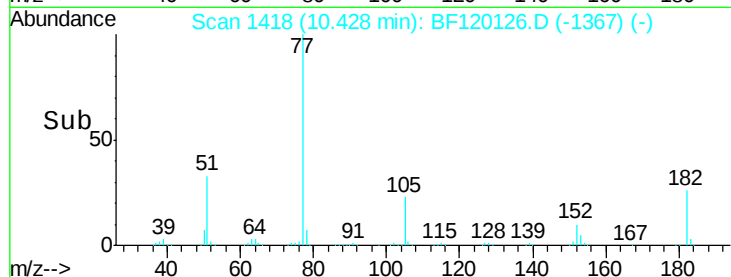
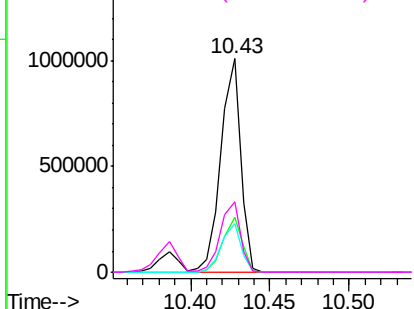
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	4.4	44.4	
105	22.7	2.6	42.6	
51	33.1	15.1	55.1	

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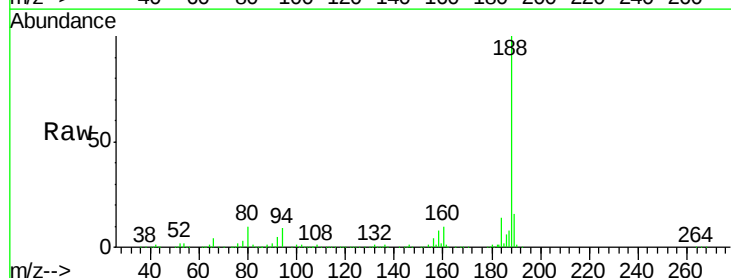


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

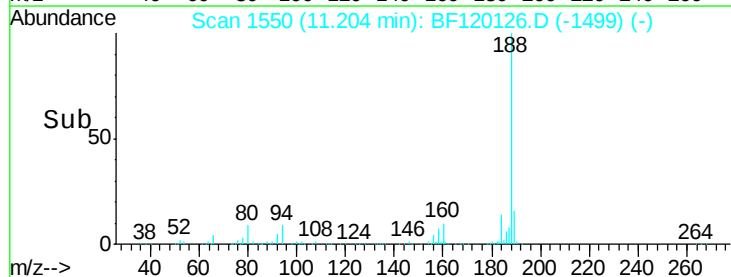
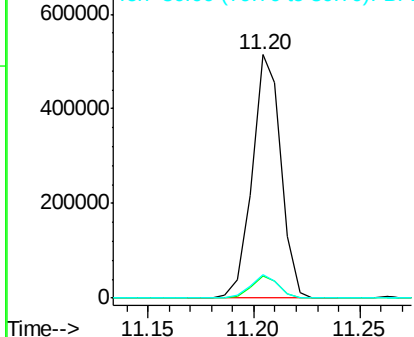


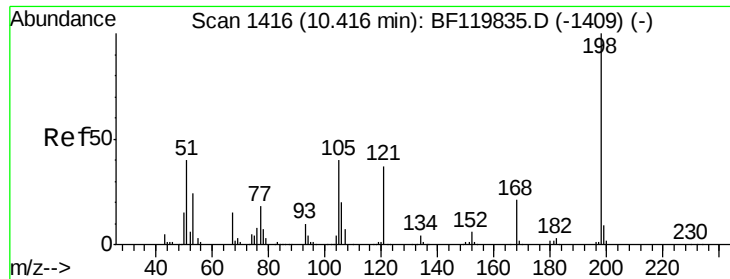
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.5	11.3	
80	9.6	9.0	13.4	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





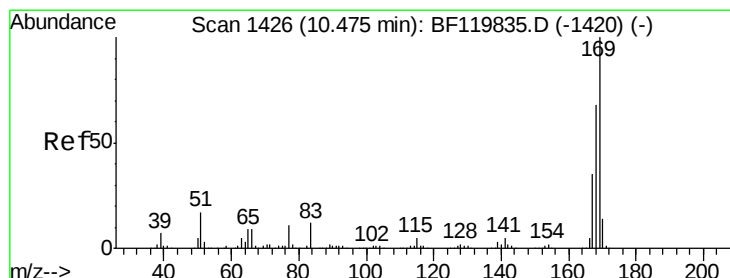
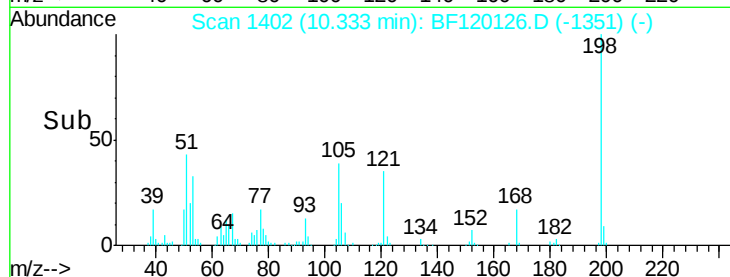
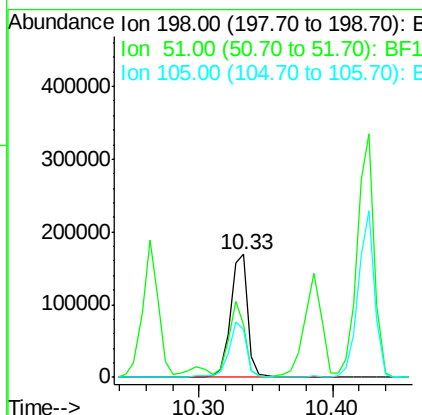
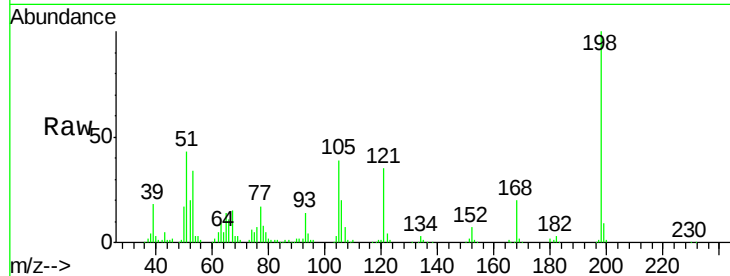
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.80 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.8	29.0	69.0
105	38.6	22.2	62.2

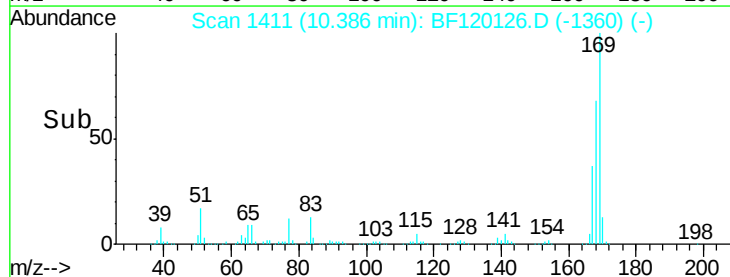
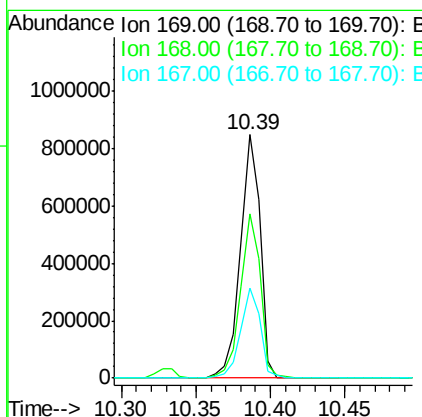
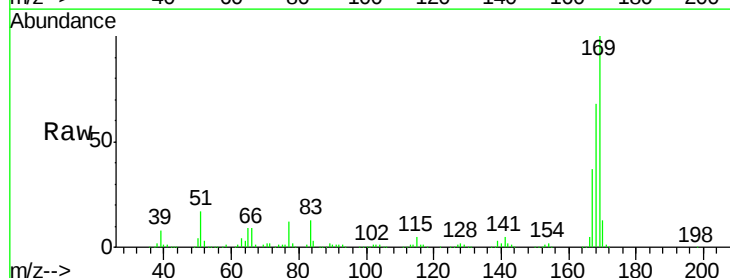
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#66
 n-Nitrosodiphenylamine
 Concen: 48.48 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.2	79.8
167	37.1	29.1	43.7





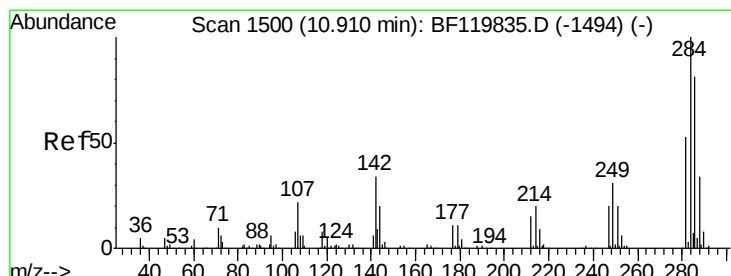
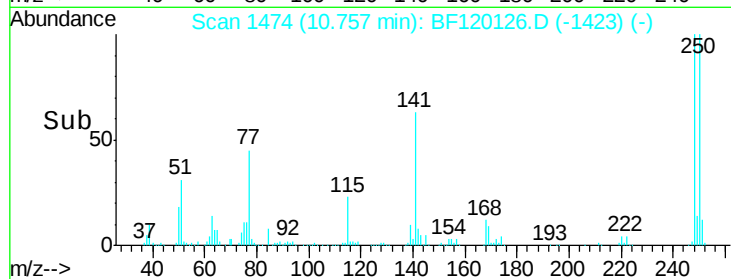
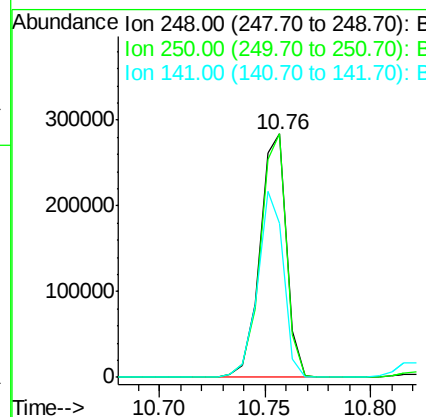
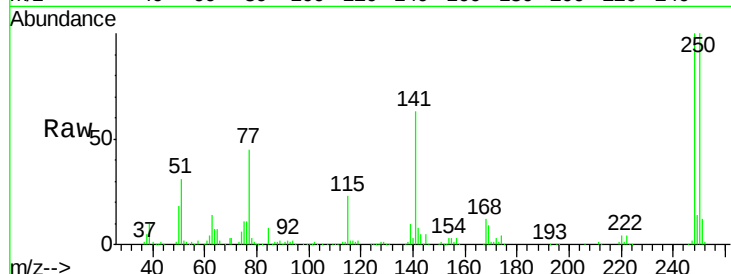
#67
 4-Bromophenyl-phenylether
 Concen: 41.14 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	249008		
250	99.9	77.3	115.9	
141	63.0	58.6	87.8	

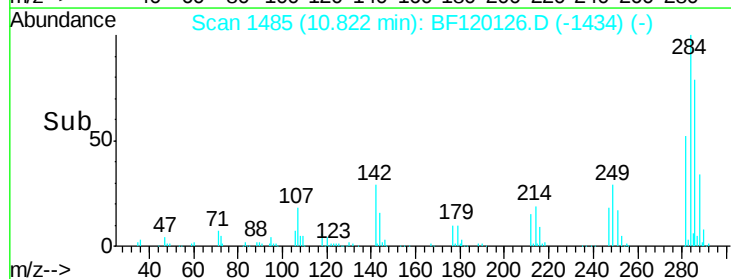
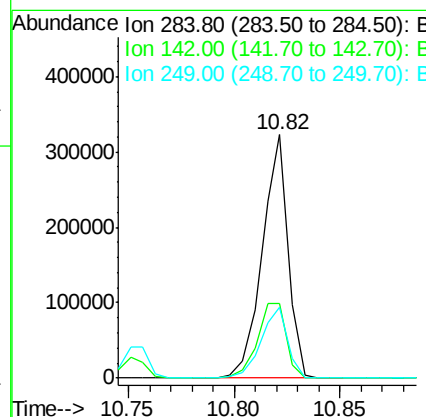
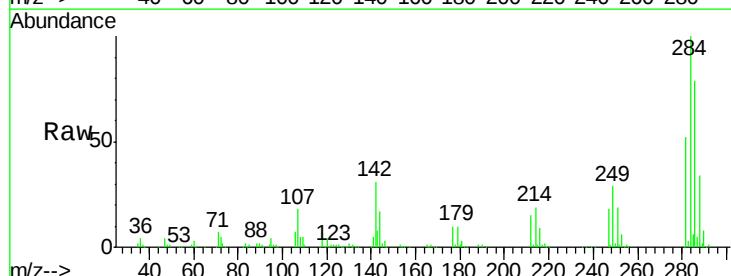
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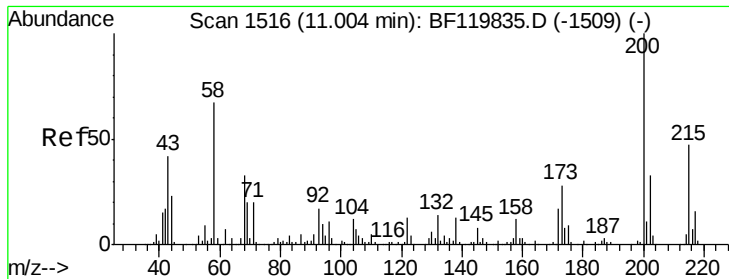
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.72 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	274529		
142	30.7	29.2	43.8	
249	29.2	25.1	37.7	





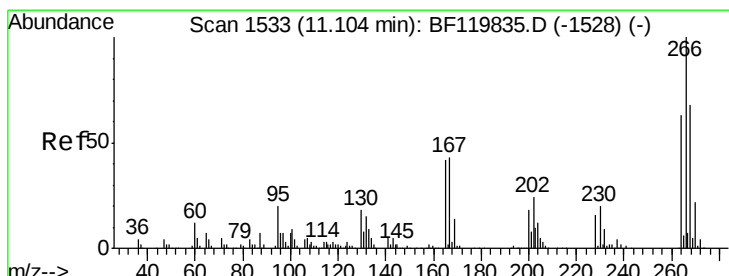
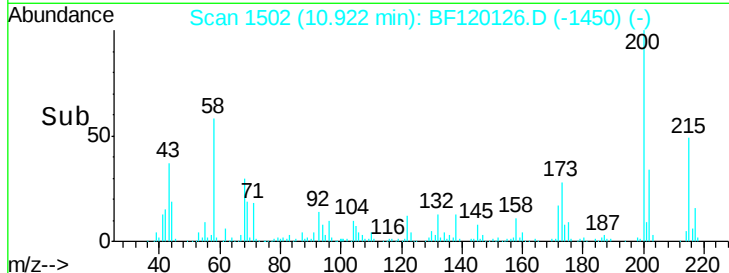
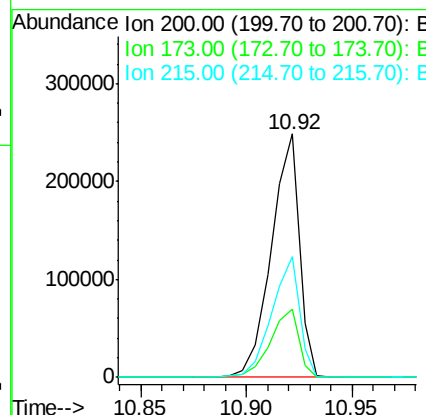
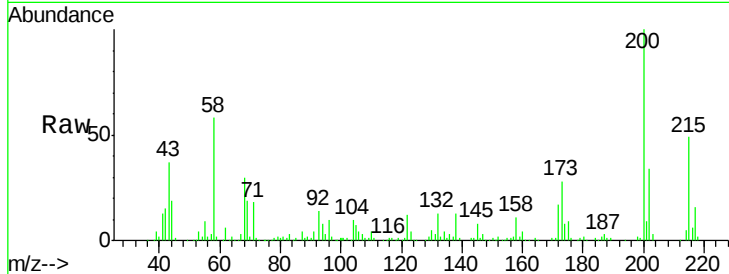
#69
Atrazine
Concen: 51.01 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	9.3	49.3
215	49.4	29.5	69.5

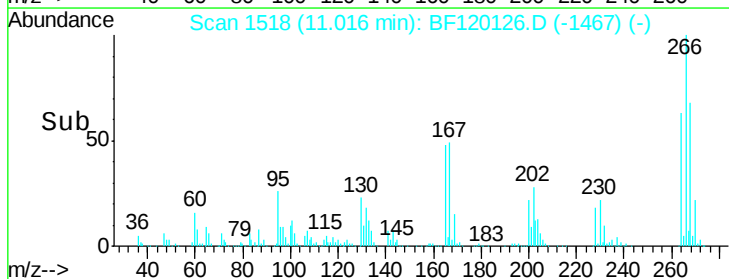
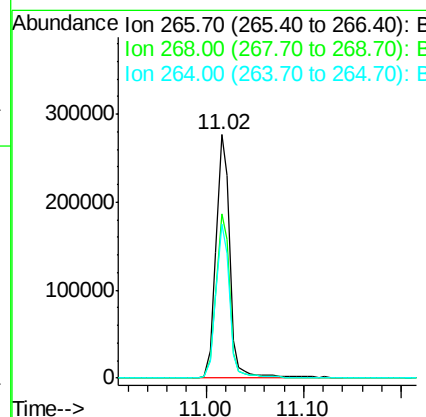
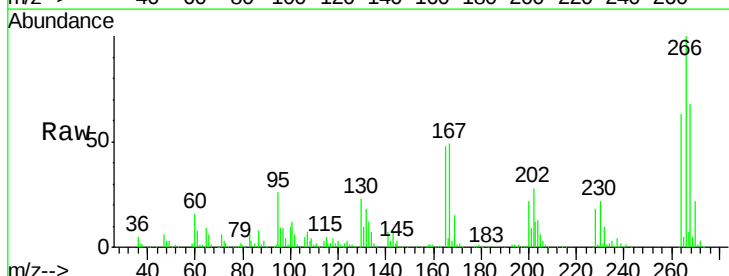
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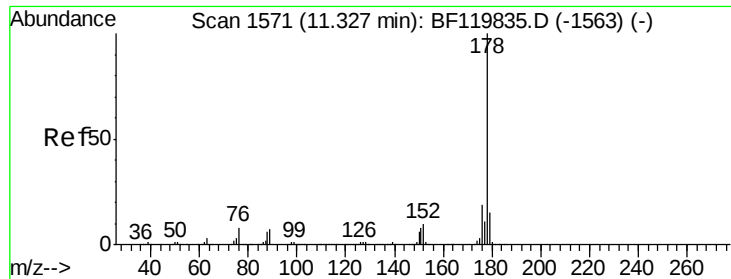
mohammad
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#70
Pentachlorophenol
Concen: 77.96 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	53.3	79.9
264	63.1	49.0	73.4





#71

Phenanthrene

Concen: 47.49 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion:178 Resp: 1229871

Ion Ratio Lower Upper

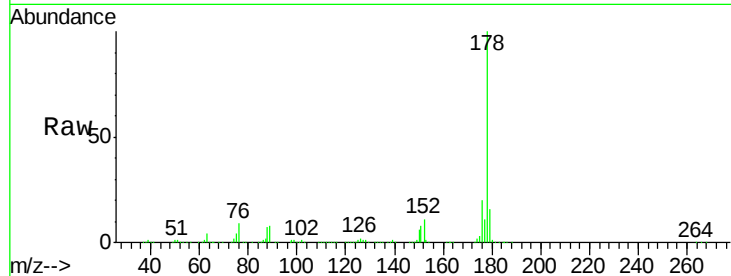
178 100

176 19.8 16.2 24.4

179 15.7 13.2 19.8

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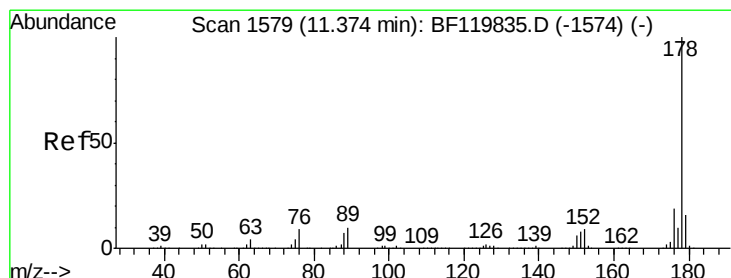
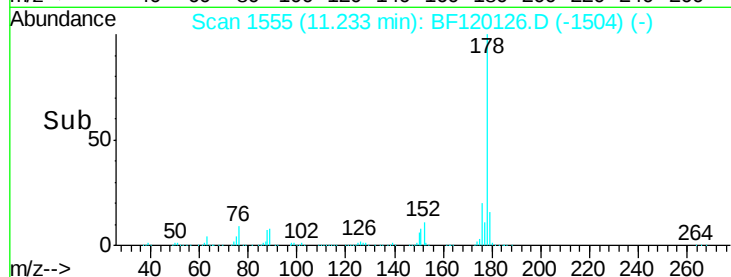
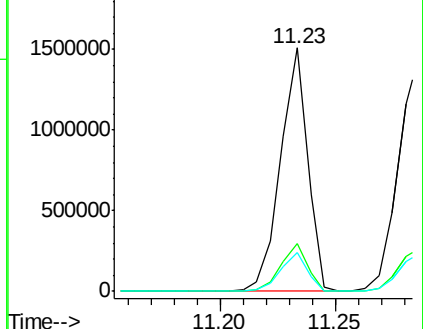
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.63 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:178 Resp: 1286682

Ion Ratio Lower Upper

178 100

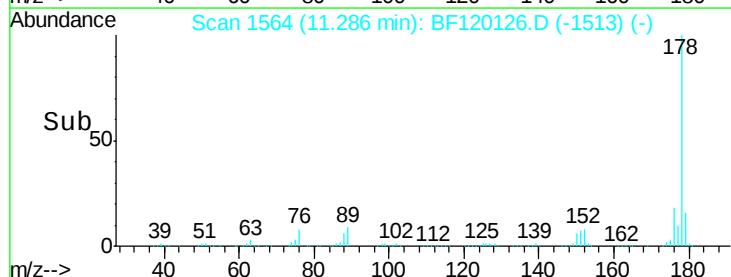
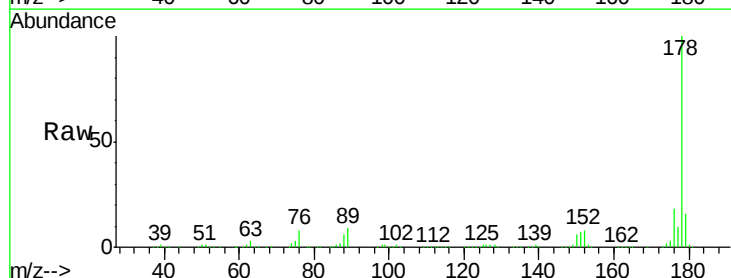
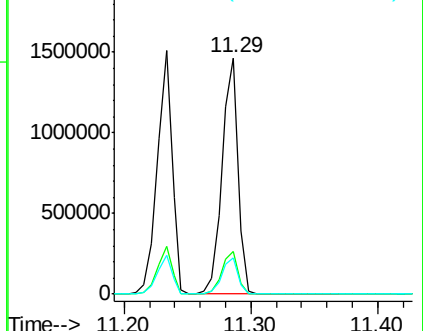
176 18.3 16.1 24.1

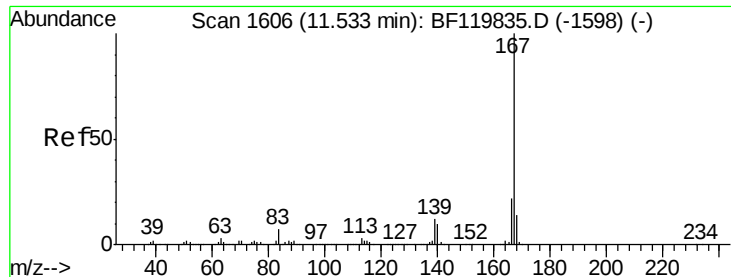
179 15.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





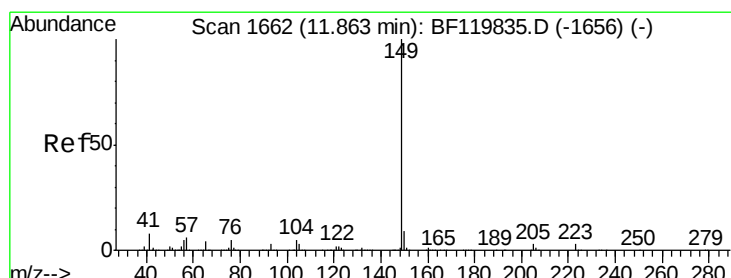
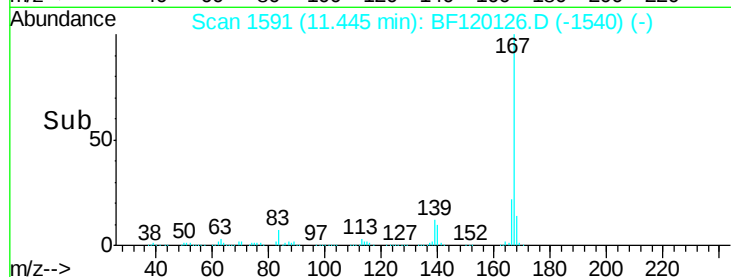
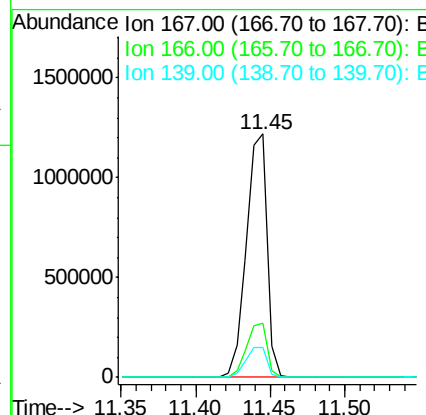
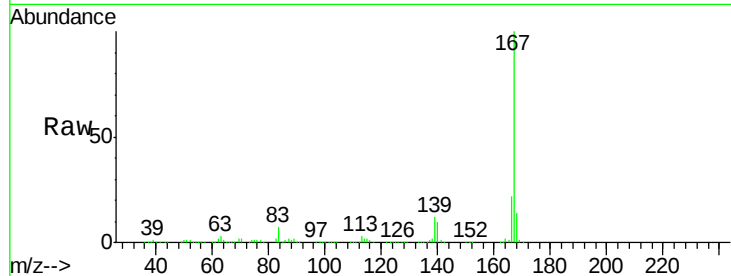
#73
 Carbazole
 Concen: 46.89 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion:167 Resp: 1173255
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 12.2 10.7 16.1

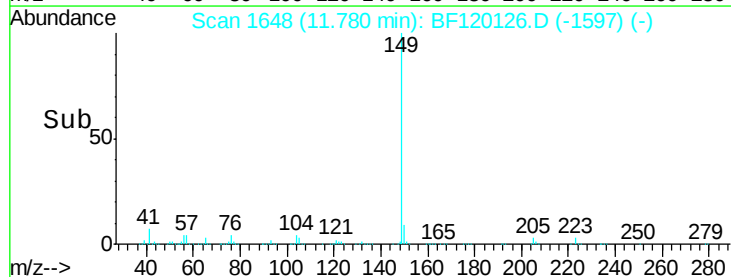
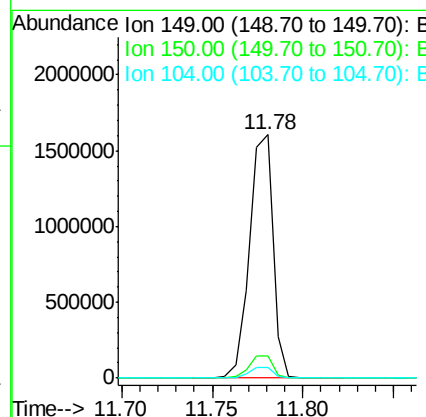
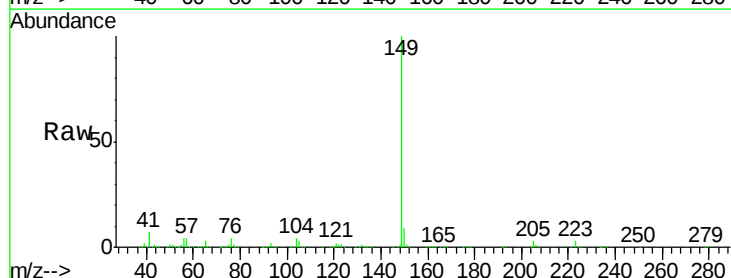
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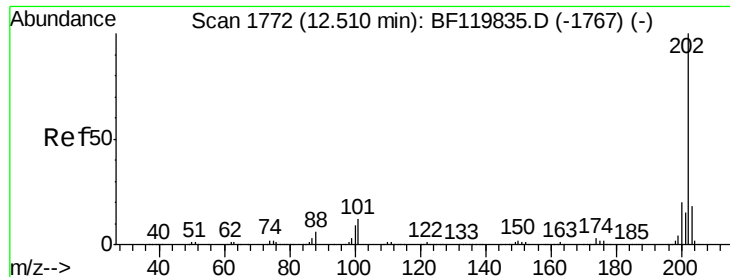
mohammad
 4/24/2020 4:17:53 AM



#74
 Di-n-butylphthalate
 Concen: 43.80 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion:149 Resp: 1440619
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.1 3.6 5.4





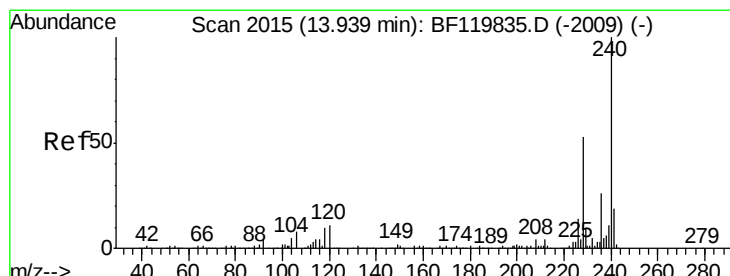
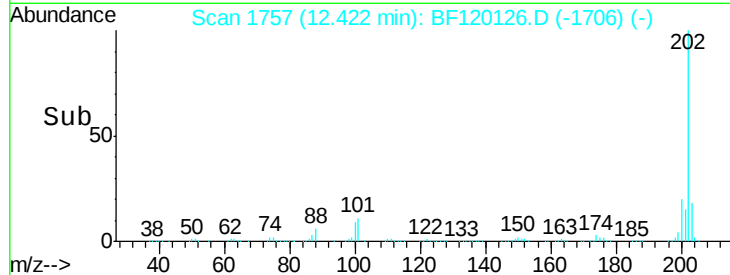
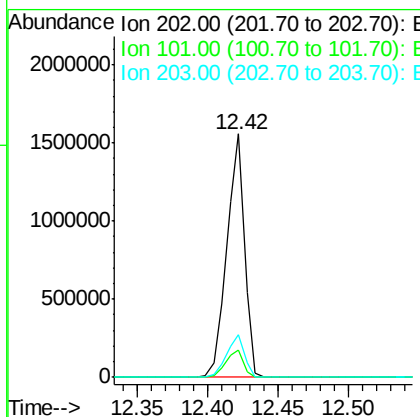
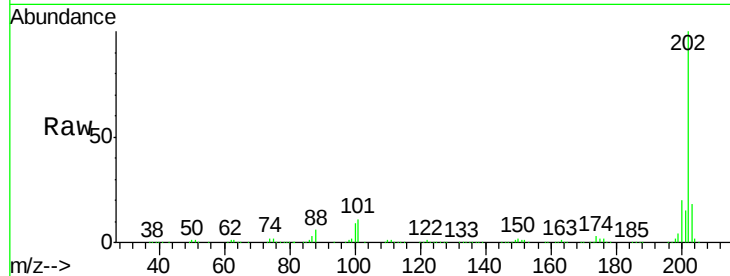
#75
 Fluoranthene
 Concen: 48.31 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1349996		
101	11.1	0.0	32.2	
203	17.7	0.0	38.8	

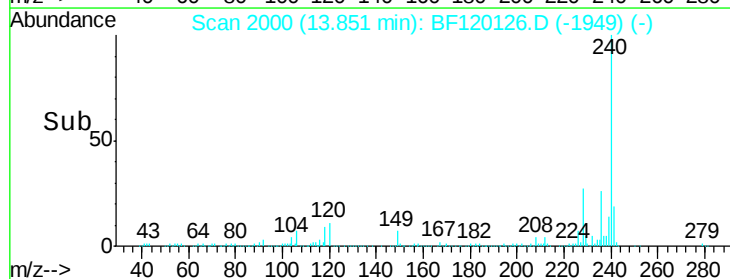
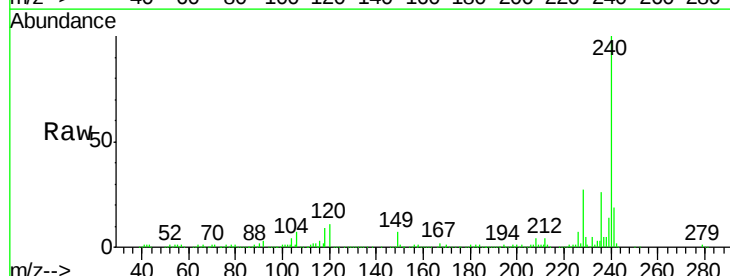
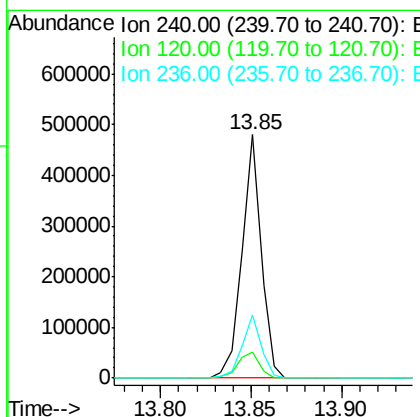
Manual Integrations
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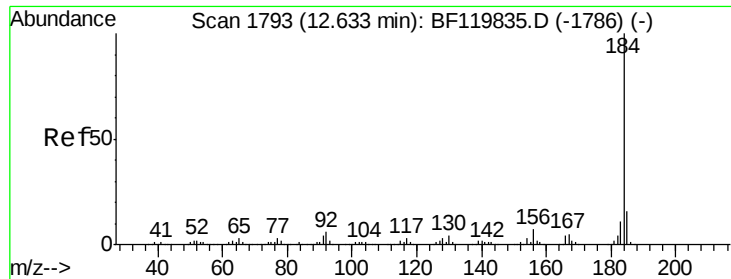
mohammad
 4/24/2020 4:17:53 AM



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	355032		
120	10.6	10.6	15.8	
236	25.7	20.2	30.2	





#77

Benzidine

Concen: 35.92 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

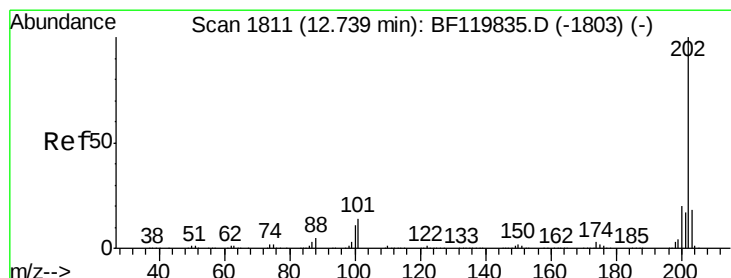
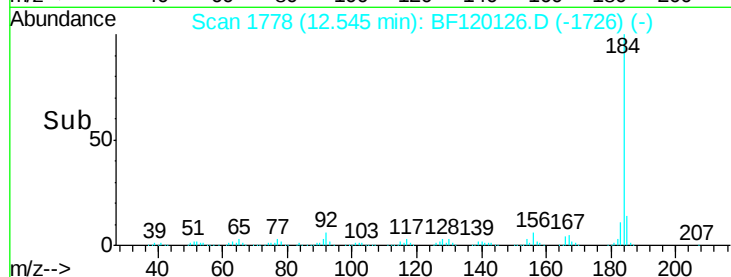
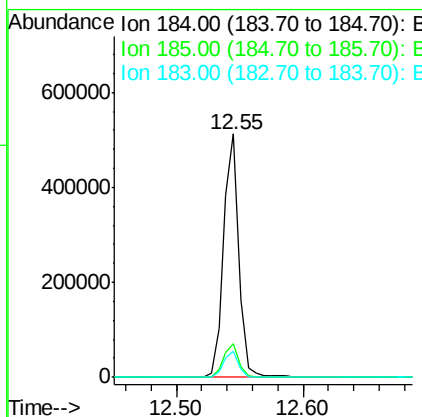
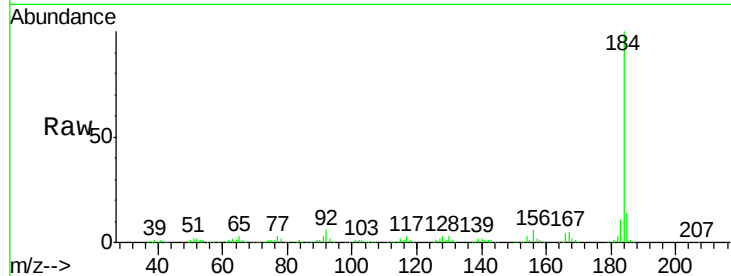
ClientSampleId :

PB128358BS

Tgt Ion:	184	Resp:	431065
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.3	18.5
183	11.0	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 45.92 ng

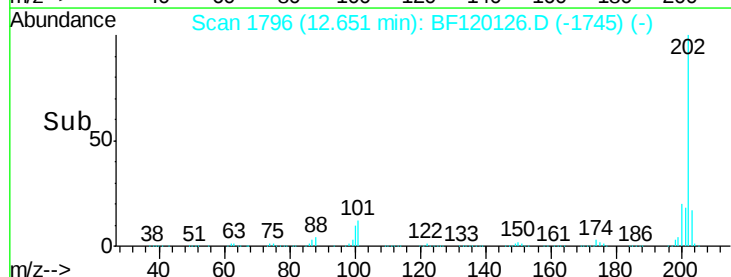
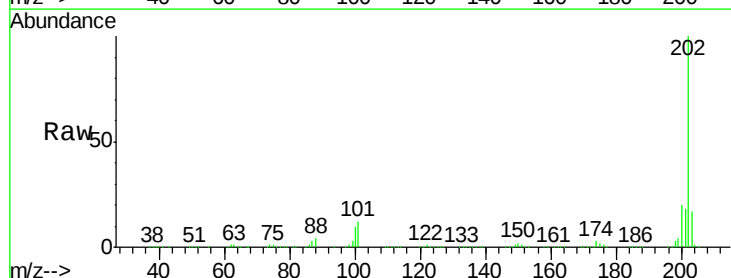
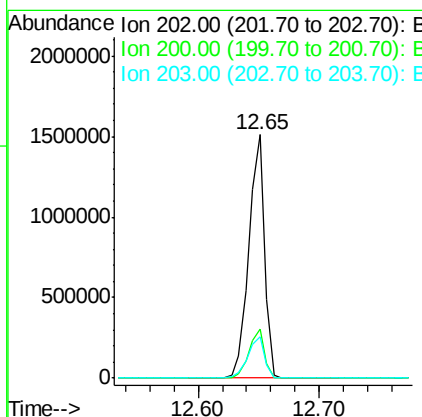
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	202	Resp:	1374466
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.8	25.2
203	17.2	15.1	22.7





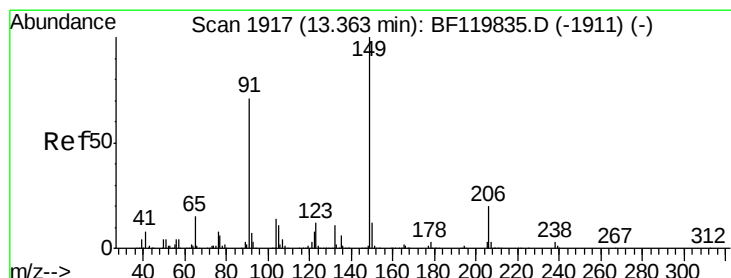
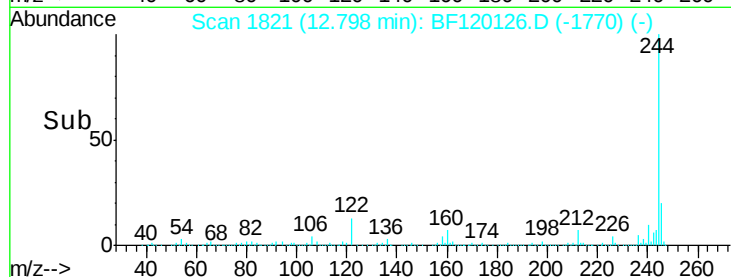
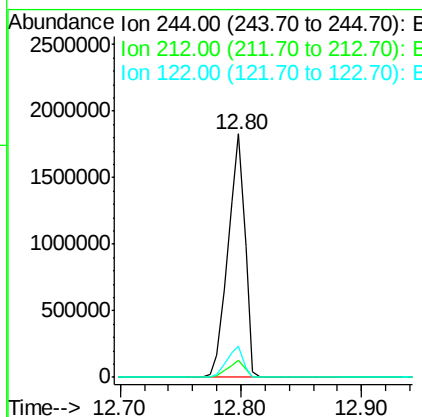
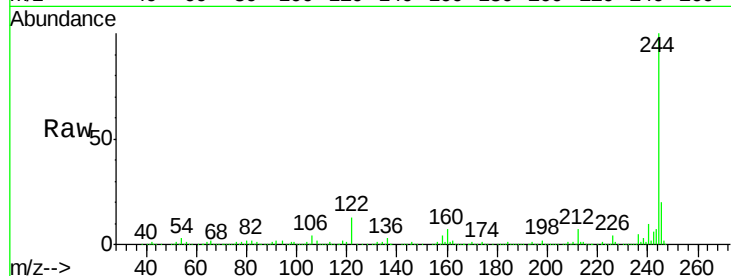
#79
 Terphenyl-d14
 Concen: 84.12 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB128358BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.0	10.3	15.5

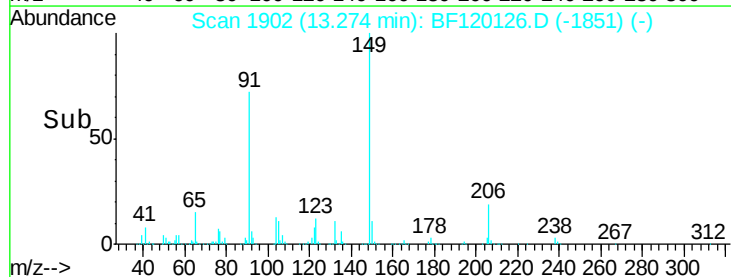
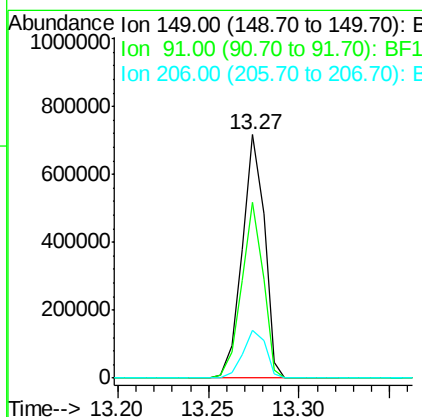
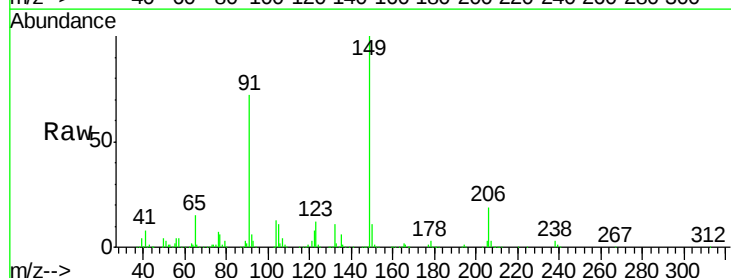
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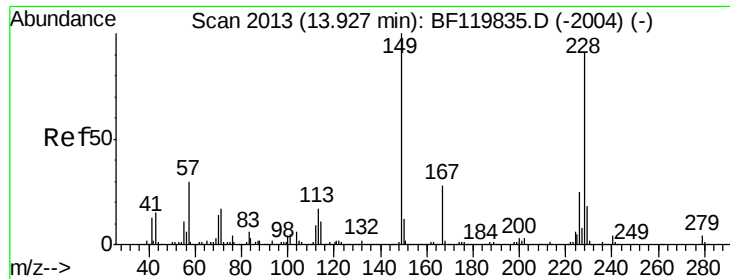
mohammad
 4/24/2020 4:17:53 AM



#80
 Butylbenzylphthalate
 Concen: 42.14 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF120126.D
 Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.4	54.7	82.1
206	19.5	16.2	24.2





#81

Benzo(a)anthracene

Concen: 47.28 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion:228 Resp: 1104217

Ion Ratio Lower Upper

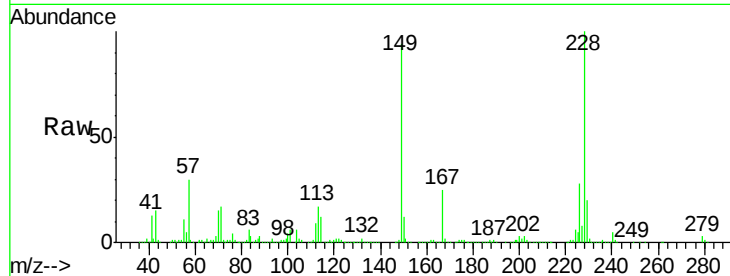
228 100

226 27.9 21.8 32.8

229 20.0 16.2 24.4

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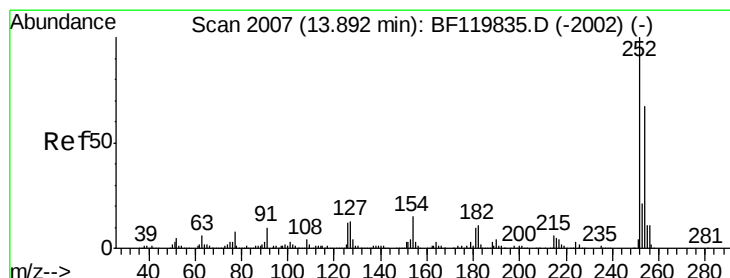
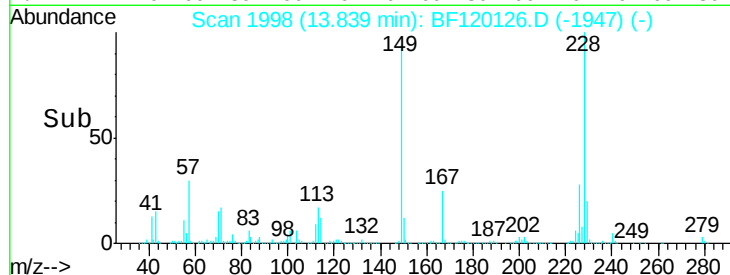
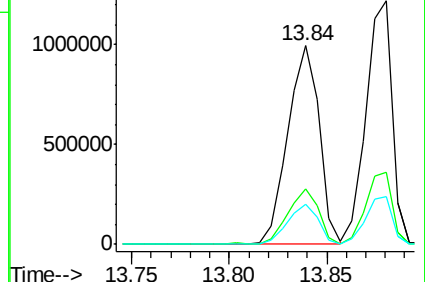
mohammad
4/24/2020 4:17:53 AM



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: 36.84 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:252 Resp: 321060

Ion Ratio Lower Upper

252 100

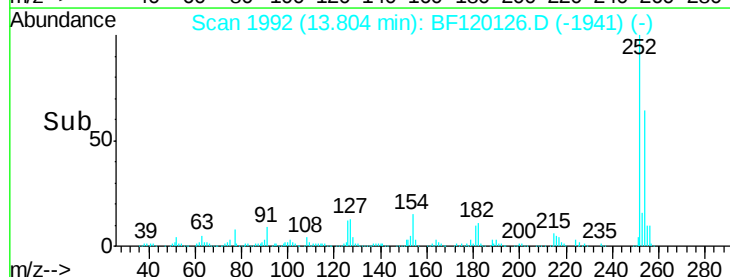
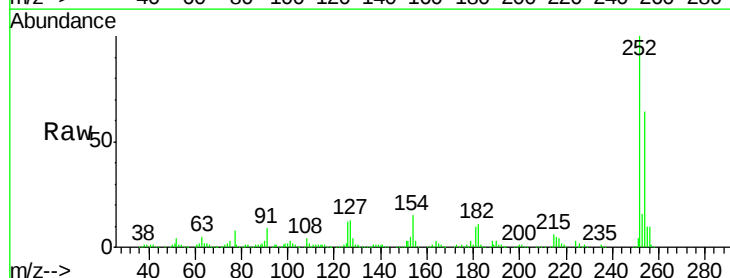
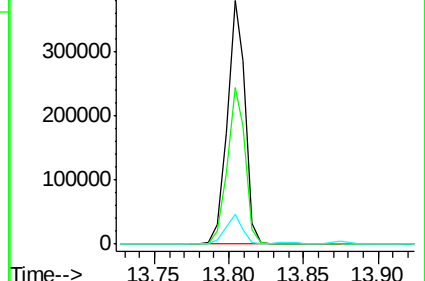
254 64.2 51.2 76.8

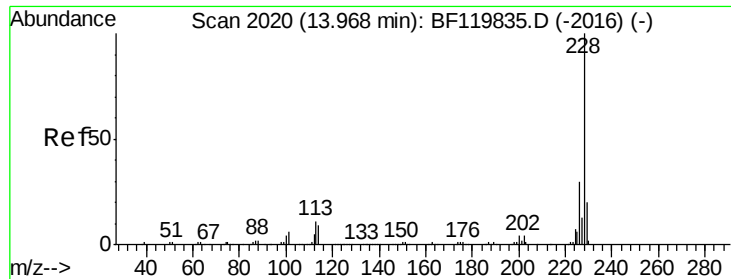
126 12.3 9.6 14.4

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

Chrysene

Concen: 47.68 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB128358BS

Tgt Ion:228 Resp: 1131477

Ion Ratio Lower Upper

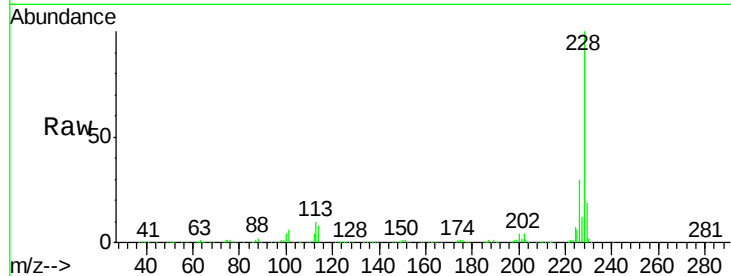
228 100

226 29.8 25.4 38.0

229 19.4 16.6 24.8

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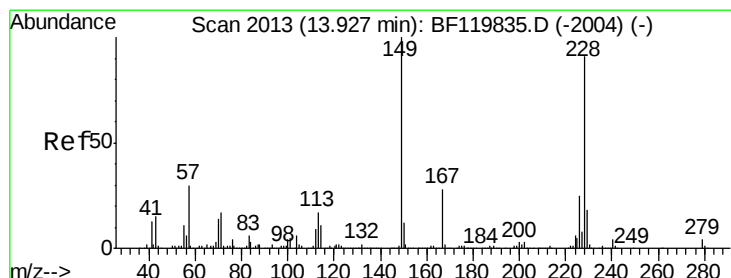
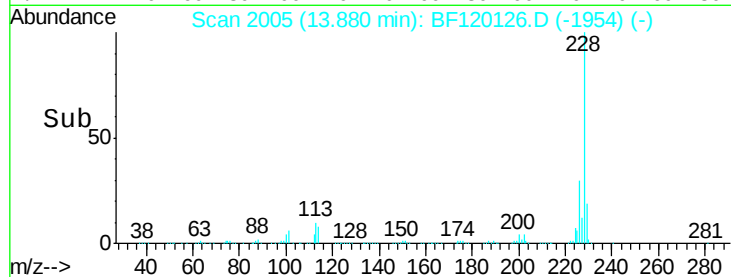
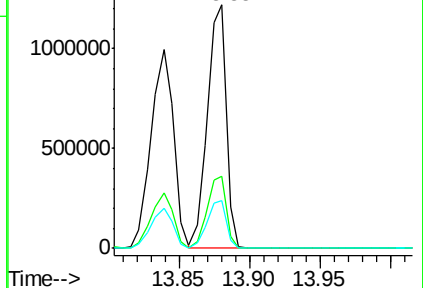
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.10 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

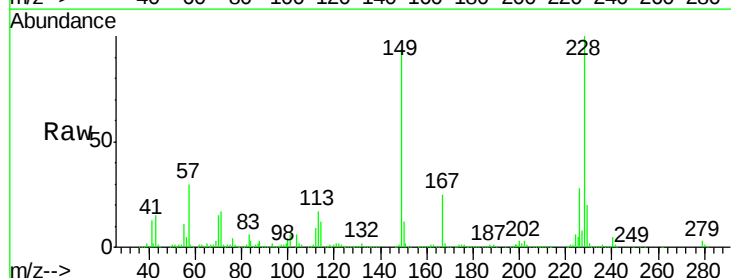
Tgt Ion:149 Resp: 788565

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

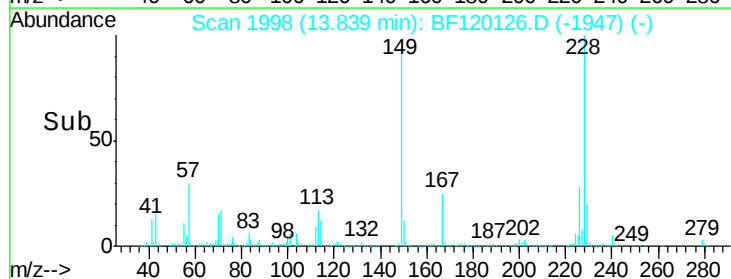
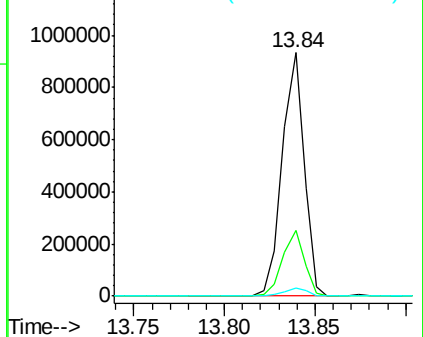
279 3.5 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





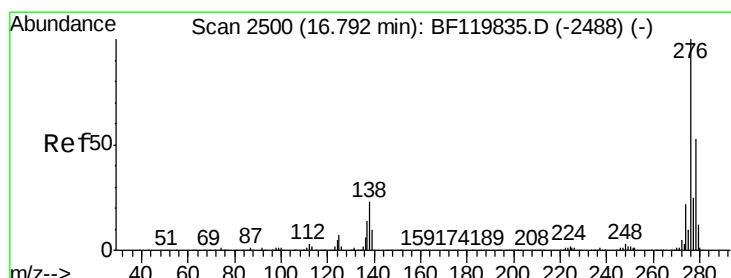
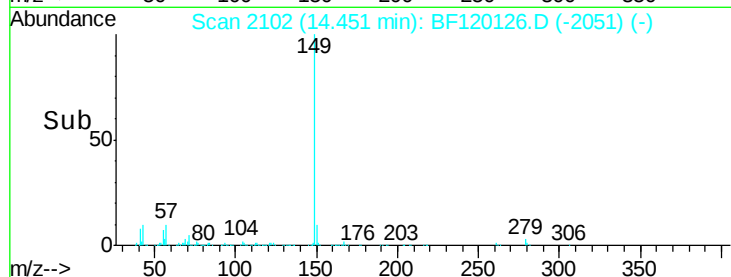
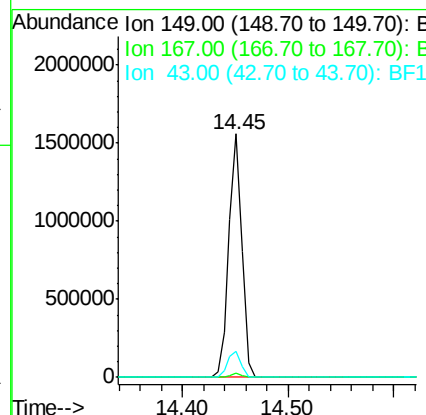
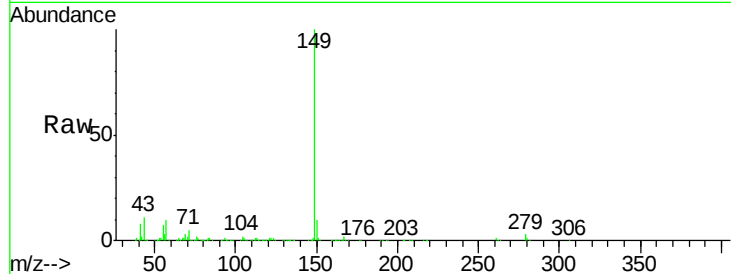
#85
Di-n-octyl phthalate
Concen: 40.21 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.3	13.9

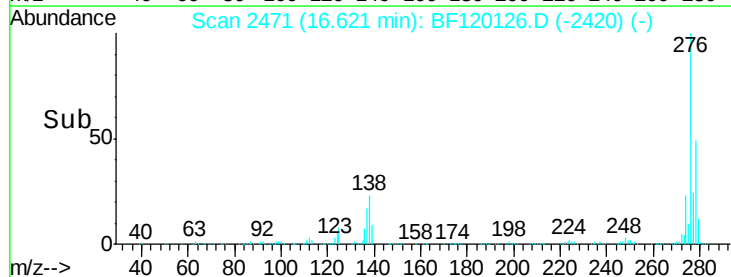
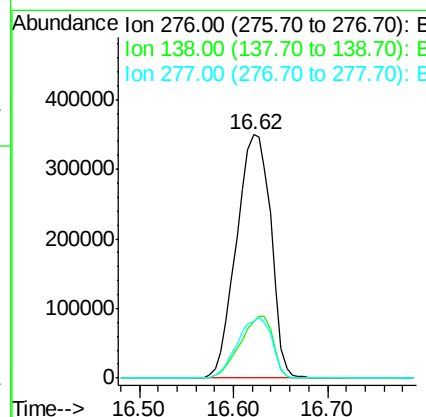
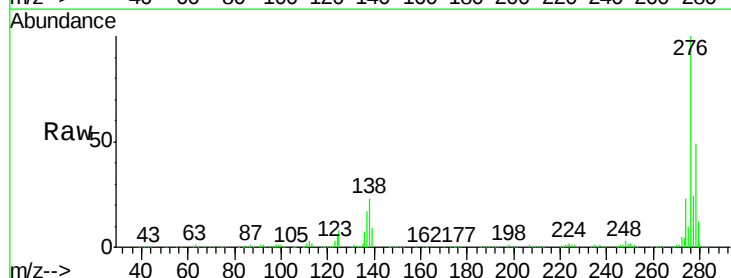
Manual Integrations
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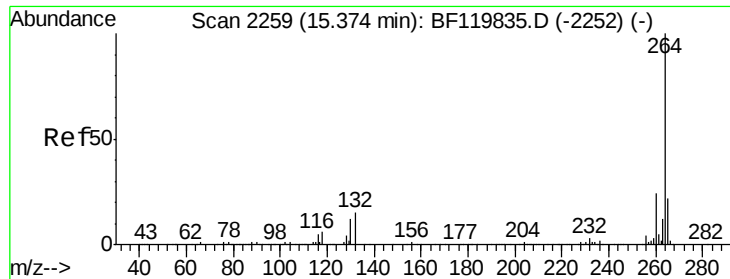
mohammad
4/24/2020 4:17:53 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.48 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.6	29.4
277	25.1	20.0	30.0





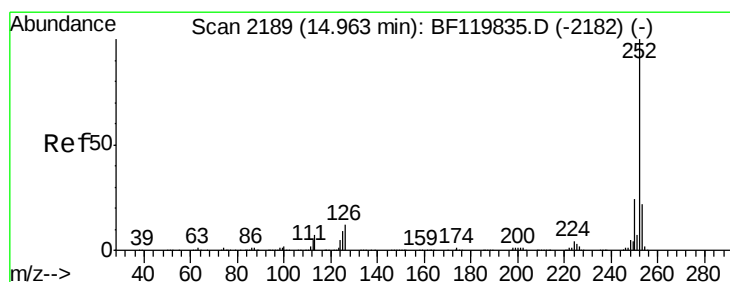
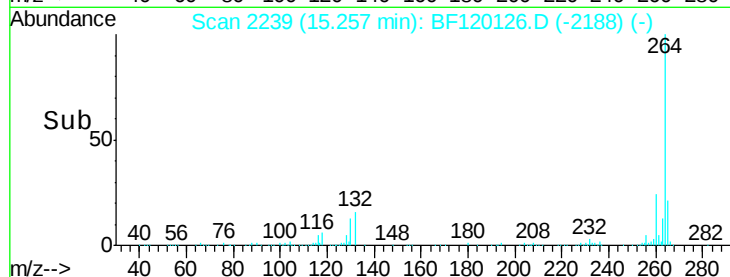
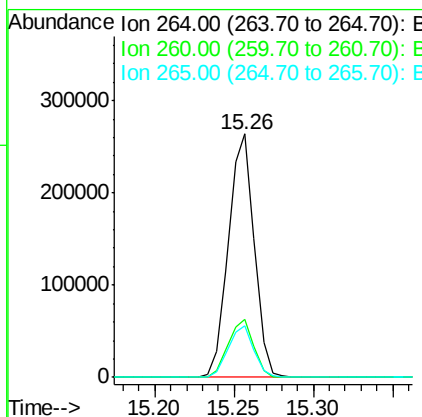
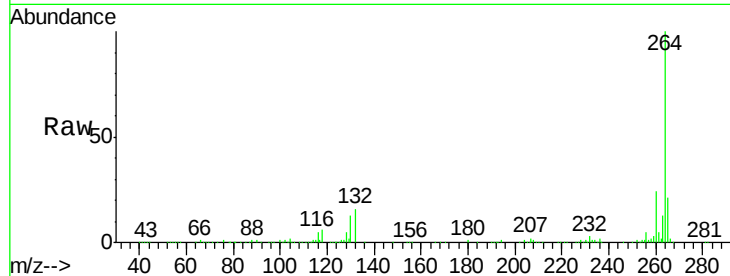
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.3	17.7	26.5

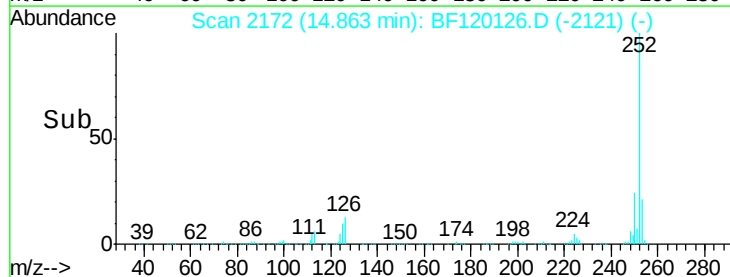
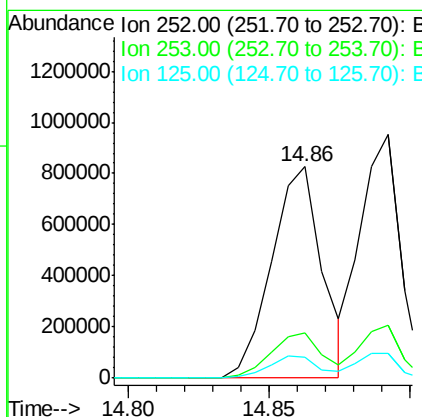
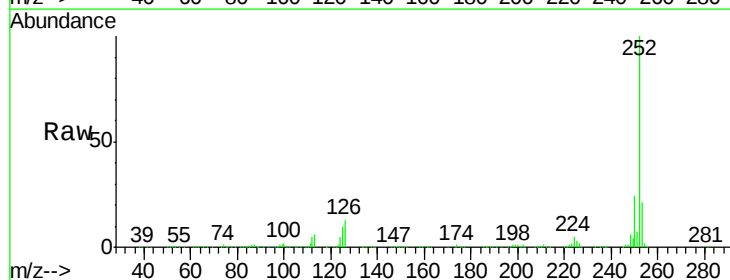
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 48.23 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120126.D
Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.9	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 50.34 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

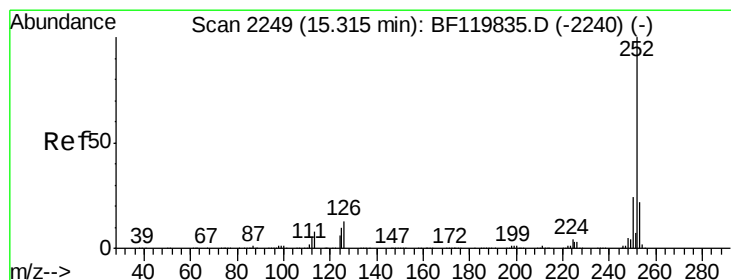
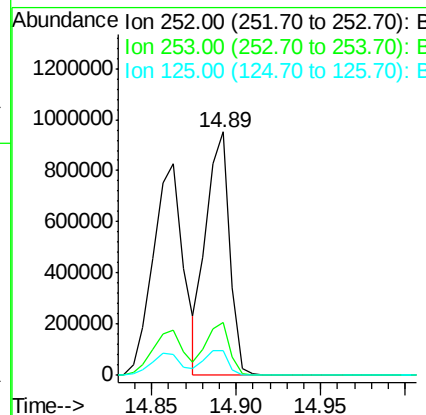
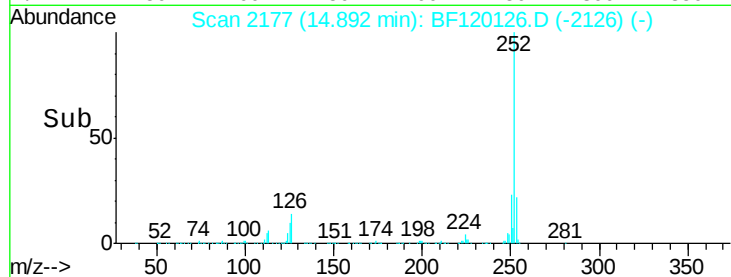
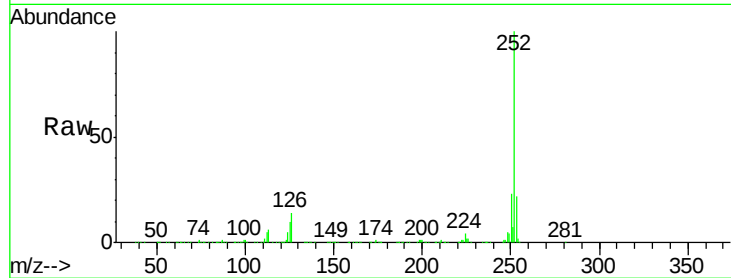
ClientSampleId :

PB128358BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.1	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 47.23 ng

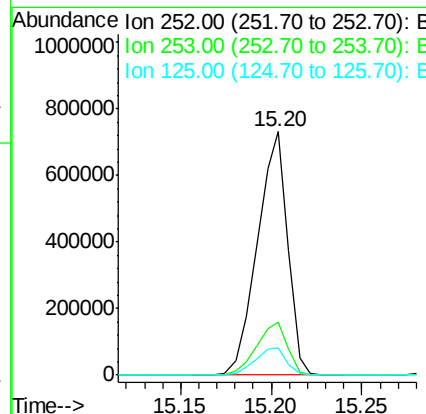
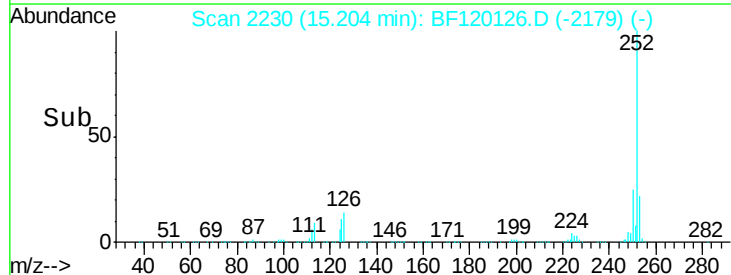
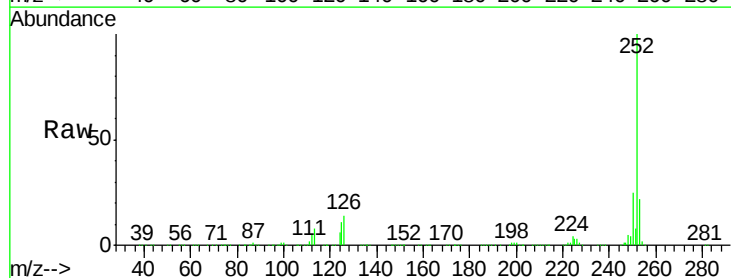
RT: 15.20 min Scan# 2230

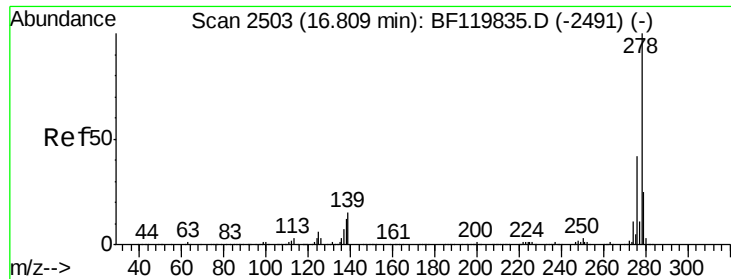
Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	11.3	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 46.42 ng

RT: 16.64 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Instrument :

BNA_F

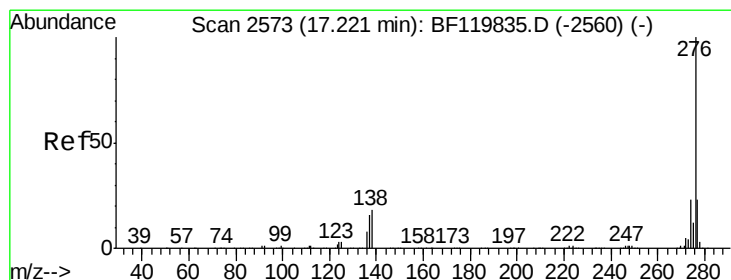
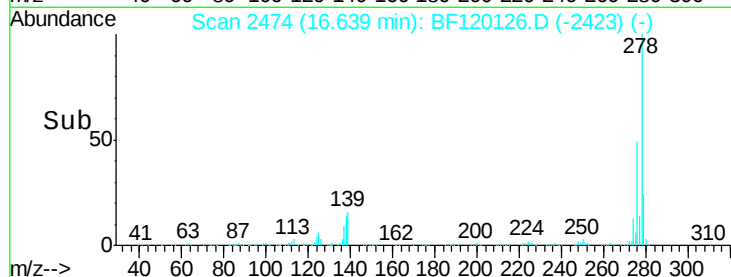
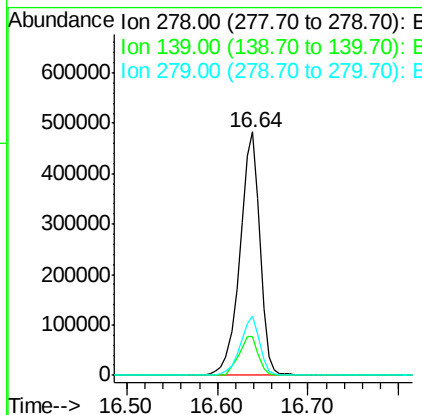
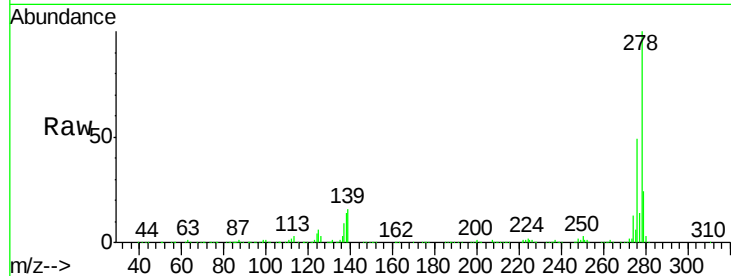
ClientSampleId :

PB128358BS

Tgt Ion:	278	Resp:	738352
Ion Ratio	Lower	Upper	
278	100		
139	15.8	12.6	19.0
279	24.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/24/2020 4:17:53 AM



#92

Benzo(g,h,i)perylene

Concen: 47.37 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BF120126.D

Acq: 22 Apr 2020 12:59

Tgt Ion:	276	Resp:	743842
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.4	27.6
138	21.5	15.4	23.0

