

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120839.D
 Acq On : 10 Jul 2020 19:06
 Operator : JU/CG
 Sample : L3257-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Manual Integrations
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 7/13/2020 1:04:50 PM

Quant Time: Jul 11 06:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209295	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	792199	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	392911	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	725197	20.00	ng	0.00
76) Chrysene-d12	14.02	240	512705	20.00	ng	0.00
86) Perylene-d12	15.47	264	429895	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1221078	90.06	ng	0.01
7) Phenol-d6	6.48	99	1574140	90.91	ng	0.00
23) Nitrobenzene-d5	7.41	82	1012243	74.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	414321	104.96	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1766264	68.01	ng	0.00
79) Terphenyl-d14	12.96	244	1907947	72.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	263100	42.480	ng	98
3) Pyridine	3.42	79	712474	41.998	ng	98
4) n-Nitrosodimethylamine	3.38	42	356190	41.970	ng	87
6) Aniline	6.51	93	805265	36.213	ng	98
8) 2-Chlorophenol	6.63	128	657366	45.539	ng	96
9) Benzaldehyde	6.39	77	214435	20.823	ng	97
10) Phenol	6.49	94	770663m	43.267	ng	
11) bis(2-Chloroethyl)ether	6.59	93	620289	42.796	ng	96
12) 1,3-Dichlorobenzene	6.79	146	671128	42.239	ng	99
13) 1,4-Dichlorobenzene	6.86	146	672059	42.231	ng	99
14) 1,2-Dichlorobenzene	7.02	146	626126	41.354	ng	98
15) Benzyl Alcohol	6.99	79	524828	40.343	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	893135	39.506	ng	98
17) 2-Methylphenol	7.10	107	531699	41.173	ng	99
18) Hexachloroethane	7.36	117	258150	43.159	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	416180	39.920	ng	92
20) 3+4-Methylphenols	7.25	107	577722	36.323	ng	91
22) Acetophenone	7.26	105	779543	39.589	ng	99
24) Nitrobenzene	7.43	77	678939	44.224	ng	94
25) Isophorone	7.67	82	1223049	41.477	ng	99
26) 2-Nitrophenol	7.75	139	314656	48.690	ng	92
27) 2,4-Dimethylphenol	7.79	122	558706	47.464	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	763146	43.728	ng	99
29) 2,4-Dichlorophenol	7.99	162	519683	44.224	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	572314	43.361	ng	99
31) Naphthalene	8.16	128	1783343	42.122	ng	100
32) Benzoic acid	7.89	122	201329	26.284	ng	94
33) 4-Chloroaniline	8.20	127	481456	26.799	ng	98
34) Hexachlorobutadiene	8.27	225	326052	41.074	ng	99
35) Caprolactam	8.57	113	154007m	44.977	ng	
36) 4-Chloro-3-methylphenol	8.68	107	535757	43.829	ng	95
37) 2-Methylnaphthalene	8.85	142	1187667	43.154	ng	98
38) 1-Methylnaphthalene	8.95	142	1095847	42.508	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	495161	41.699	ng	99

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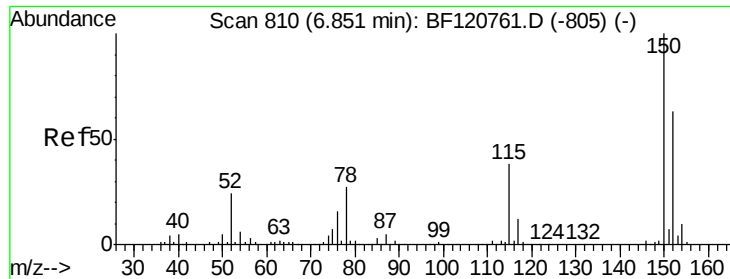
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Quant Time: Jul 11 06:37:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	442361	63.050	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	373319	46.137	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	379199	42.228	nq	99
46) 1,1'-Biphenyl	9.31	154	1334662	42.112	nq	99
47) 2-Chloronaphthalene	9.33	162	1073961	42.298	nq	99
48) 2-Nitroaniline	9.43	65	344152	45.417	nq	96
49) Acenaphthylene	9.75	152	1673297	42.035	nq	99
50) Dimethylphthalate	9.62	163	1308470	45.652	nq	99
51) 2,6-Dinitrotoluene	9.67	165	275371	48.326	nq #	78
52) Acenaphthene	9.92	154	1035708	41.939	nq	99
53) 3-Nitroaniline	9.84	138	243565	35.454	nq	91
54) 2,4-Dinitrophenol	9.94	184	71576	37.665	nq	94
55) Dibenzofuran	10.09	168	1512848	42.499	nq	99
56) 4-Nitrophenol	10.00	139	447216	84.947	nq	92
57) 2,4-Dinitrotoluene	10.07	165	359450	50.488	nq #	82
58) Fluorene	10.44	166	1038992	39.213	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	303596	45.432	nq	95
60) Diethylphthalate	10.32	149	1241386	41.577	nq	97
61) 4-Chlorophenyl-phenylether	10.43	204	499572	37.506	nq	98
62) 4-Nitroaniline	10.46	138	294548	48.367	nq	88
63) Azobenzene	10.59	77	1205542	39.471	nq	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	76680	28.481	nq #	73
66) n-Nitrosodiphenylamine	10.55	169	1032448	42.475	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	344792	40.987	nq	96
68) Hexachlorobenzene	10.99	284	385883	43.714	nq #	87
69) Atrazine	11.07	200	292039	46.637	nq	99
70) Pentachlorophenol	11.17	266	369593	74.002	nq	99
71) Phenanthrene	11.40	178	1747796	44.419	nq	99
72) Anthracene	11.45	178	1703979	42.855	nq	99
73) Carbazole	11.60	167	1551248	40.598	nq	99
74) Di-n-butylphthalate	11.94	149	1894602	40.050	nq	99
75) Fluoranthene	12.59	202	2056990	49.073	nq	99
77) Benzidine	12.70	184	626323	43.280	nq	99
78) Pyrene	12.82	202	2080873	50.818	nq	99
80) Butylbenzylphthalate	13.43	149	832861	47.112	nq	98
81) Benzo(a)anthracene	14.00	228	1435564	43.680	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	385418	34.751	nq	99
83) Chrysene	14.04	228	1577153	47.047	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	924016	39.858	nq #	96
85) Di-n-octyl phthalate	14.61	149	1914534	46.682	nq	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	1401078	50.812	nq	100
88) Benzo(b)fluoranthene	15.05	252	1479616	52.353	nq	99
89) Benzo(k)fluoranthene	15.08	252	1332453	48.451	nq	99
90) Benzo(a)pyrene	15.42	252	1244451	49.360	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	1124925	48.948	nq	98
92) Benzo(g,h,i)perylene	17.37	276	1161996	55.322	nq	98

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



#1

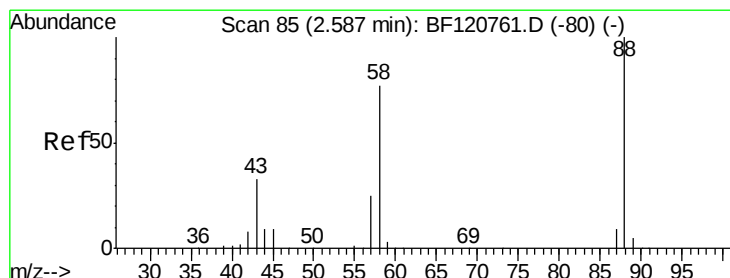
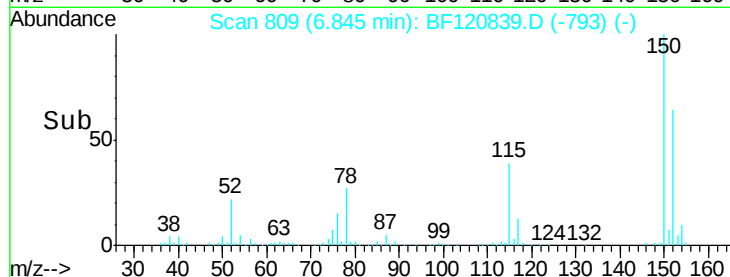
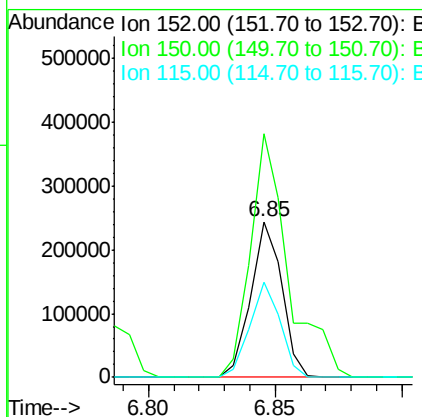
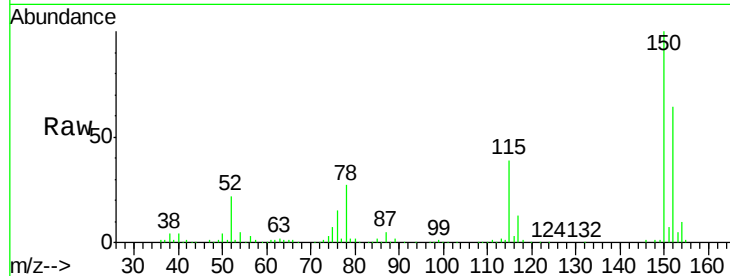
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.1	189.1
115	61.3	48.5	72.7

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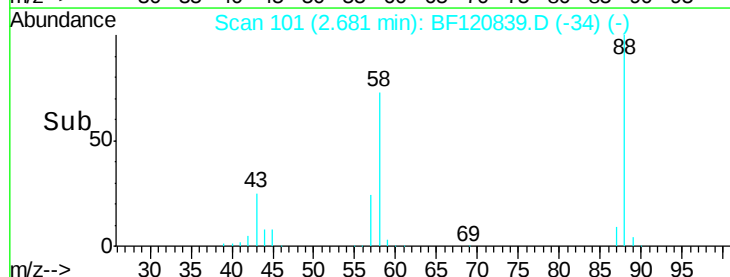
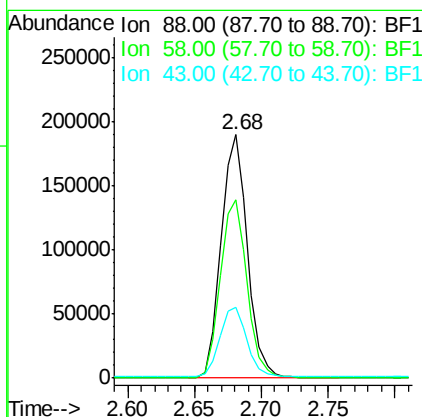
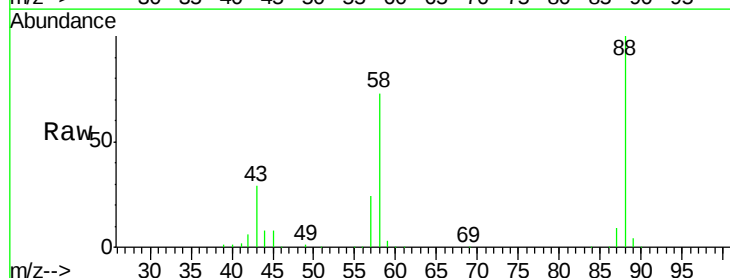
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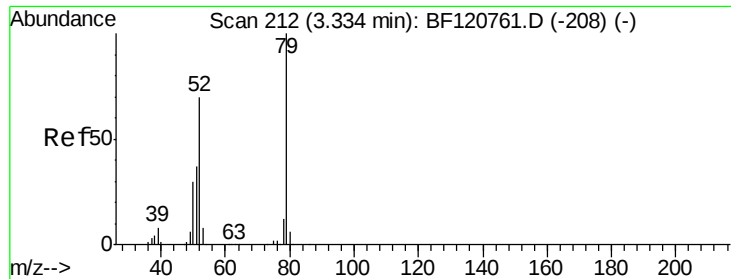


#2

1,4-Dioxane
Concen: 42.480 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.09 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	60.4	90.6
43	29.6	26.3	39.5





#3

Pvridine

Concen: 41.998 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

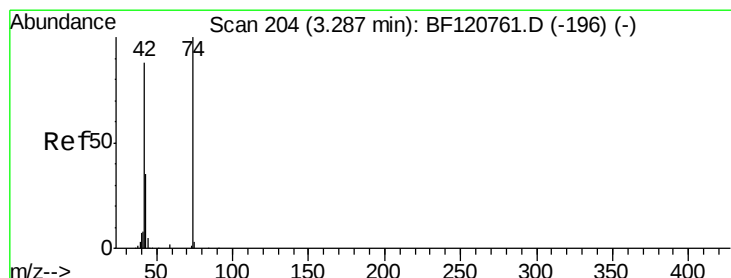
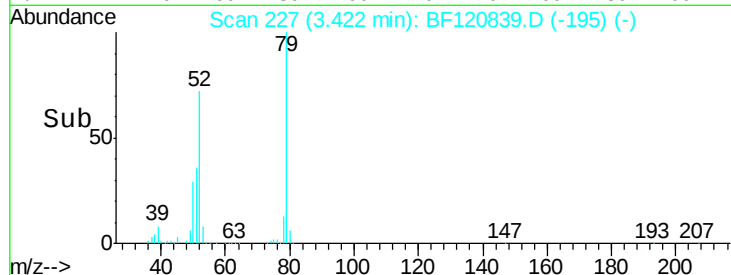
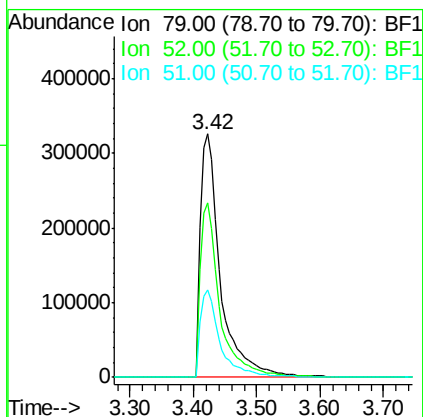
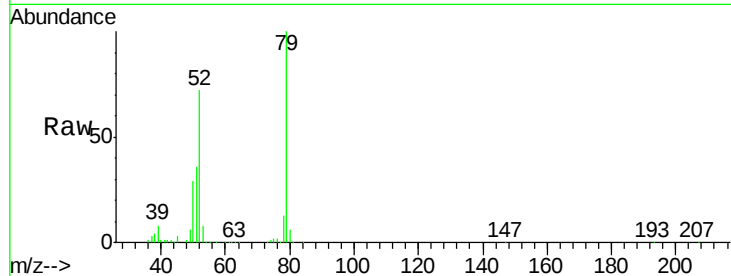
ClientSampleId :

MH1MS

Tot Ion:	79	Resp:	712474
Ion Ratio	Lower	Upper	
79	100		
52	71.8	56.3	84.5
51	35.8	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 41.970 ng

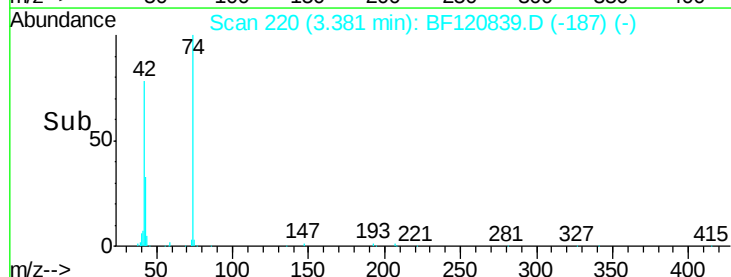
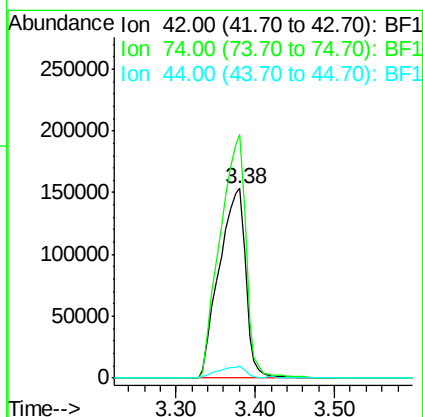
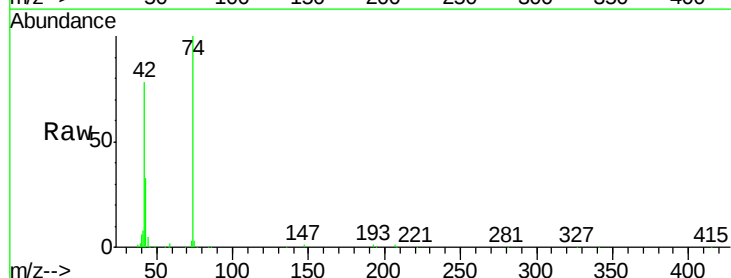
RT: 3.38 min Scan# 220

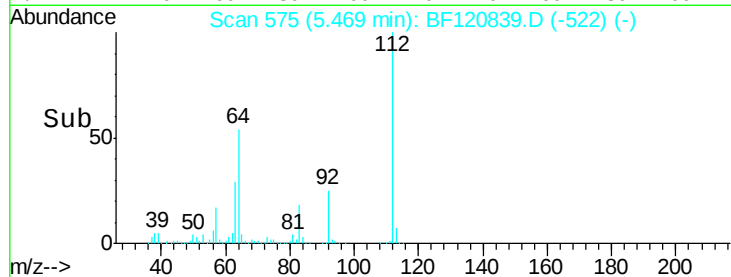
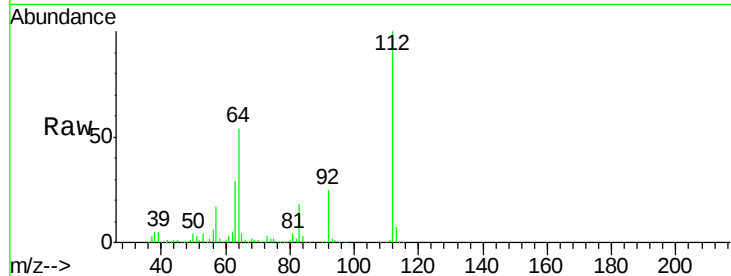
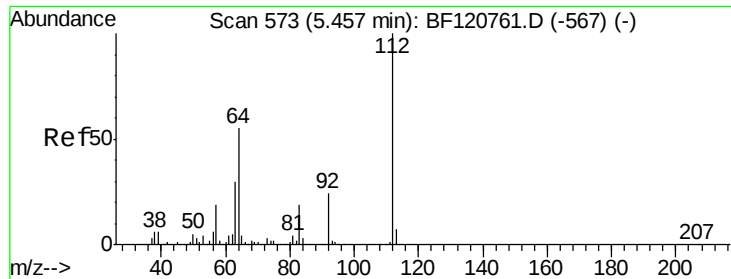
Delta R.T. 0.09 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	42	Resp:	356190
Ion Ratio	Lower	Upper	
42	100		
74	128.4	90.8	136.2
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 90.060 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tot Ion:	112	Resp:	1221078
Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.6
63	28.7	23.6	35.4

Instrument :

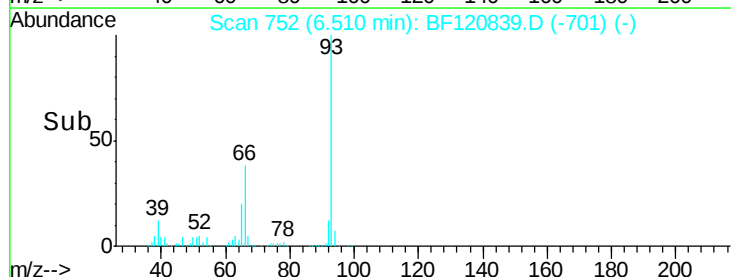
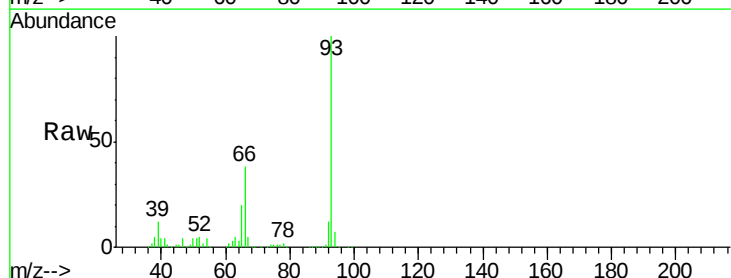
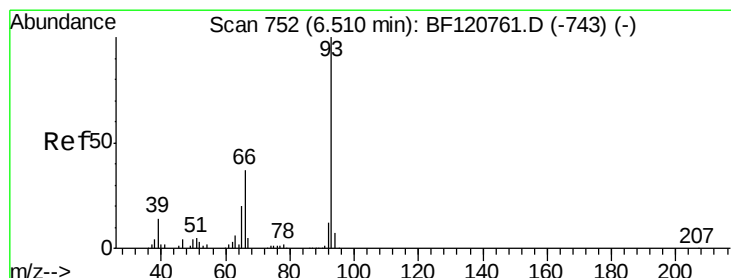
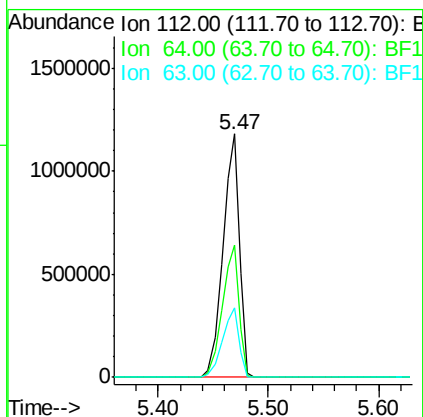
BNA_F

ClientSampleId :

MH1MS

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#6

Aniline

Concen: 36.213 ng

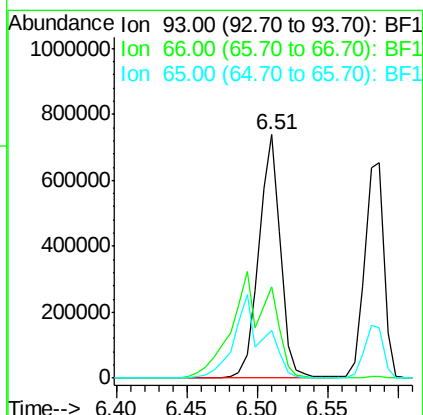
RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	93	Resp:	805265
Ion	Ratio	Lower	Upper
93	100		
66	37.5	31.3	46.9
65	19.8	16.5	24.7





#7

Phenol-d6

Concen: 90.913 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

Tot Ion: 99 Resp: 1574140

Ion Ratio Lower Upper

99 100

42 17.5 15.4 23.0

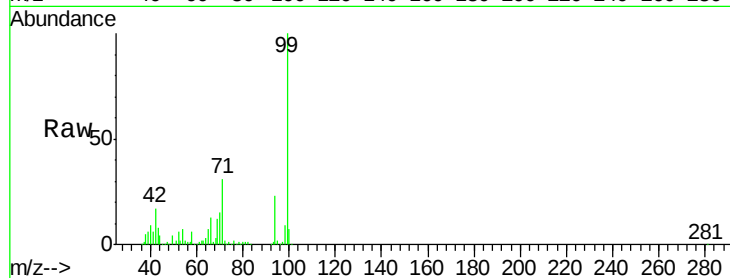
71 31.3 25.9 38.9

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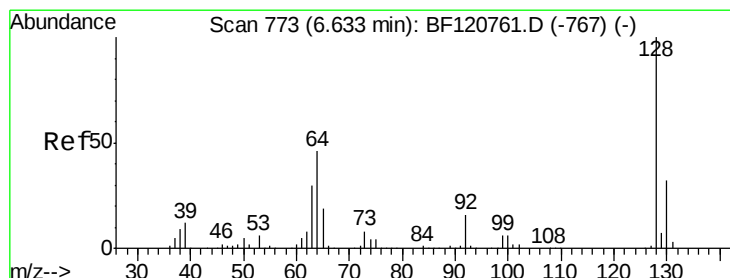
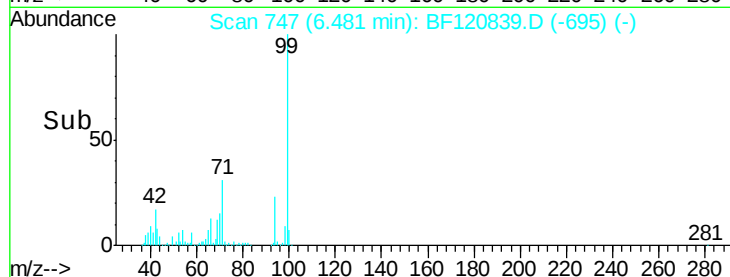
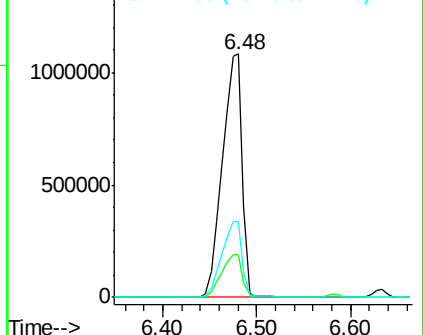
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.539 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

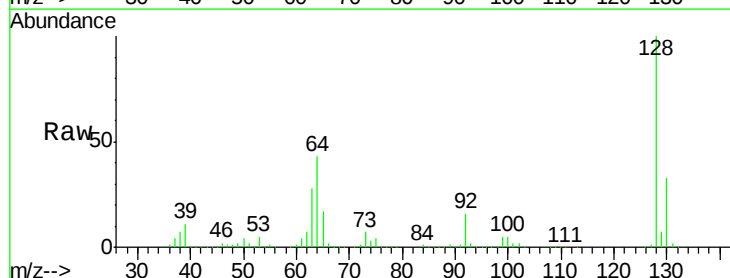
Tgt Ion: 128 Resp: 657366

Ion Ratio Lower Upper

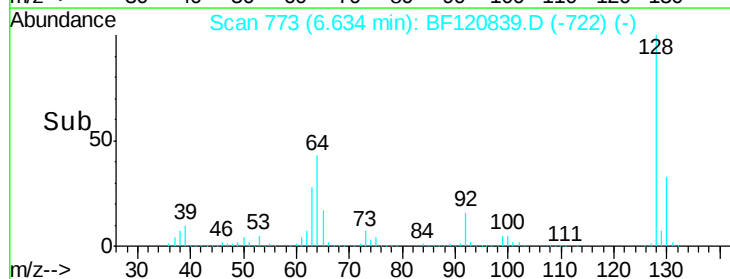
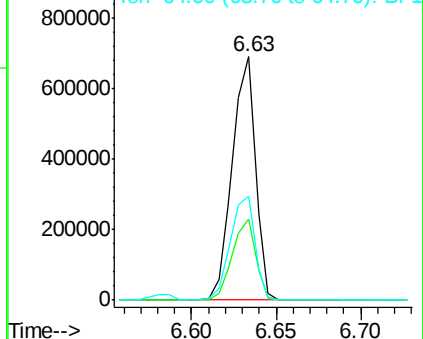
128 100

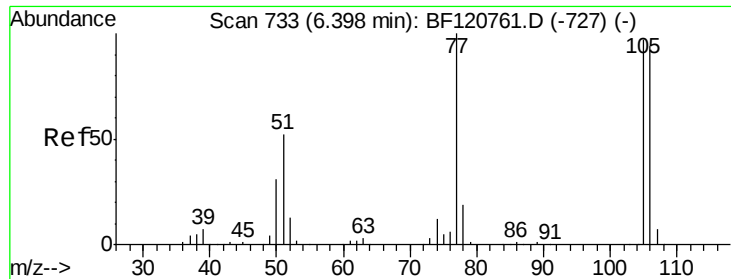
130 33.2 12.1 52.1

64 42.5 26.3 66.3



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





#9

Benzaldehyde

Concen: 20.823 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

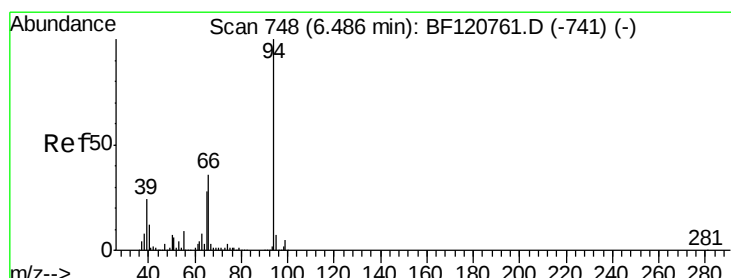
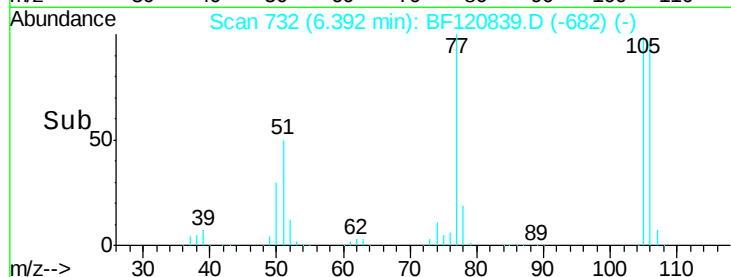
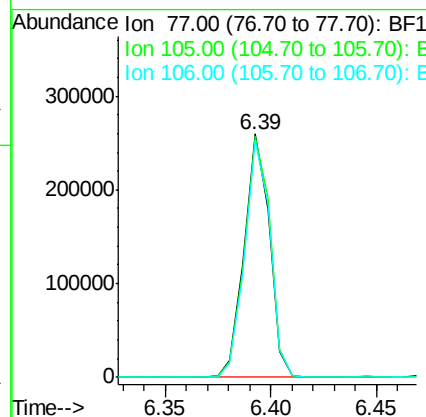
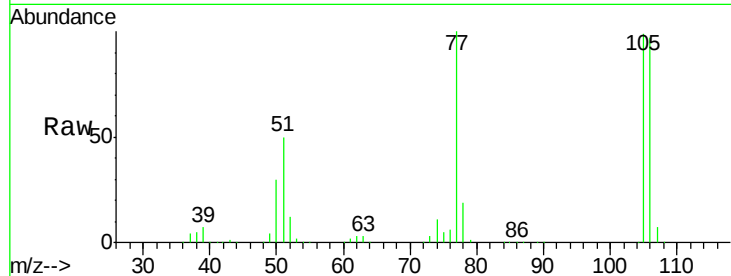
ClientSampleId :

MH1MS

Tot Ion:	77	Resp:	214435
Ion	Ratio	Lower	Upper
77	100		
105	98.8	76.8	116.8
106	97.3	73.8	113.8

Manual Integrations
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#10

Phenol

Concen: 43.267 ng m

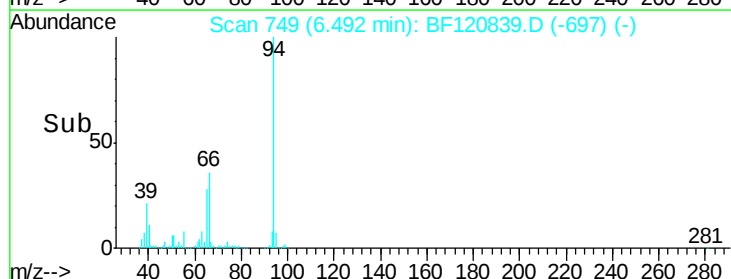
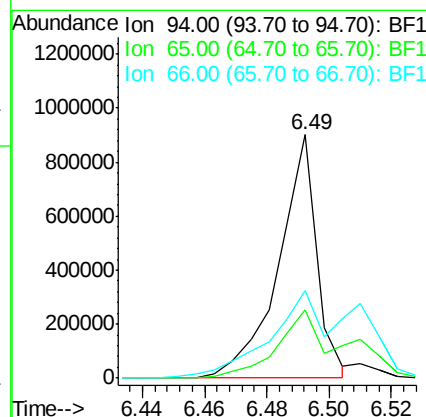
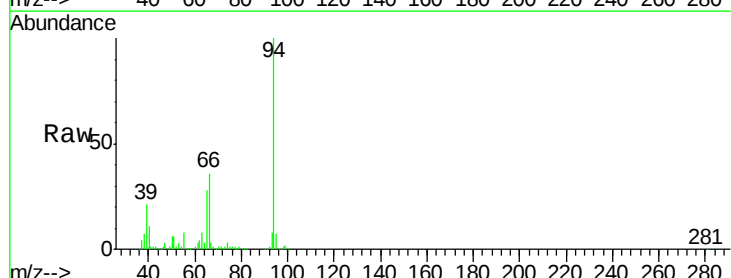
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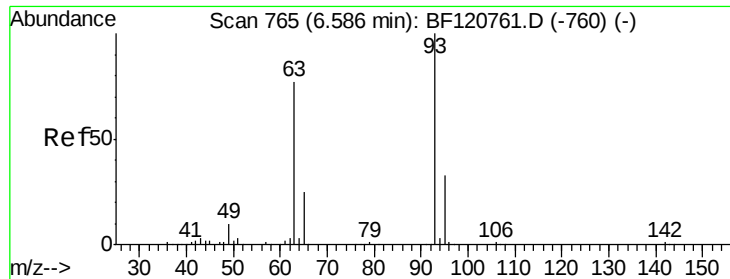
Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	94	Resp:	770663
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.4	48.4
66	36.0	16.5	56.5





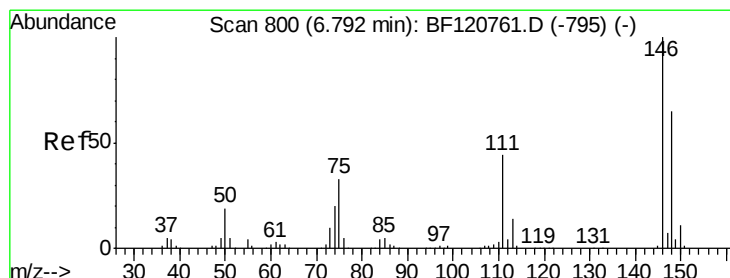
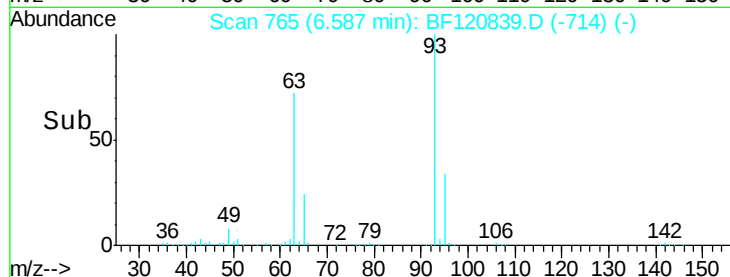
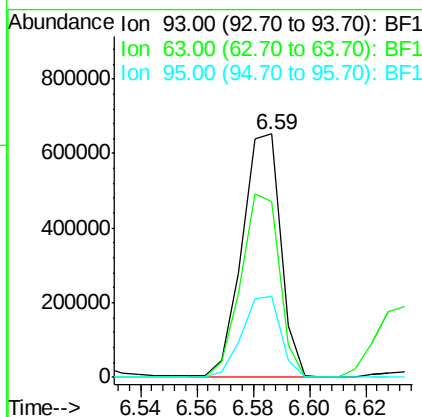
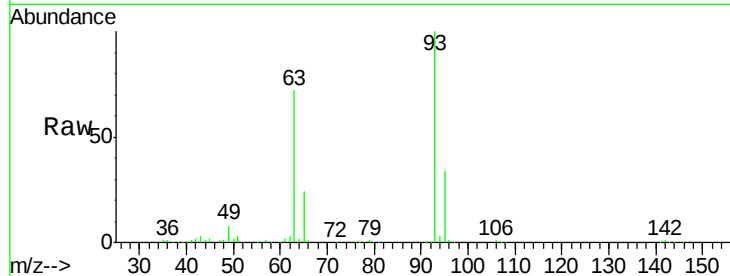
#11
bis(2-Chloroethyl)ether
Concen: 42.796 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion:	93	Resp:	620289
Ion Ratio	Lower	Upper	
93	100		
63	72.1	56.9	96.9
95	33.5	13.3	53.3

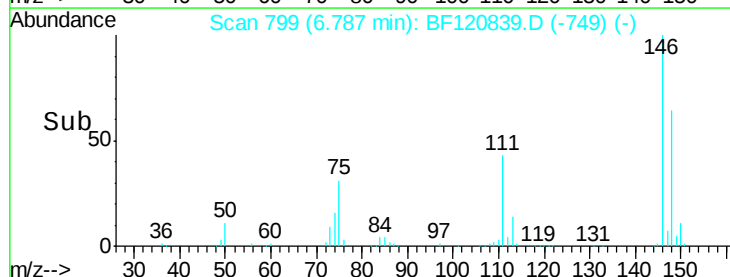
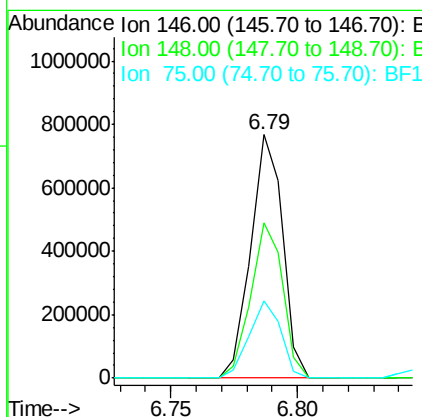
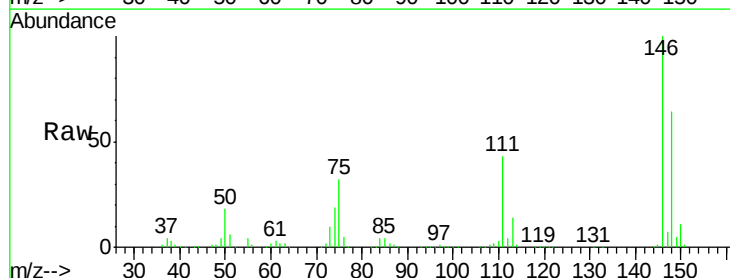
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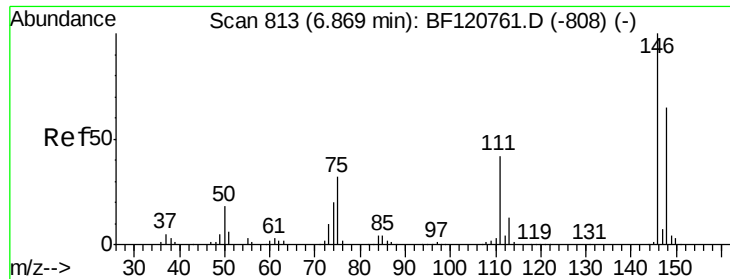
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.239 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion:	146	Resp:	671128
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.1	78.1
75	31.8	26.0	39.0





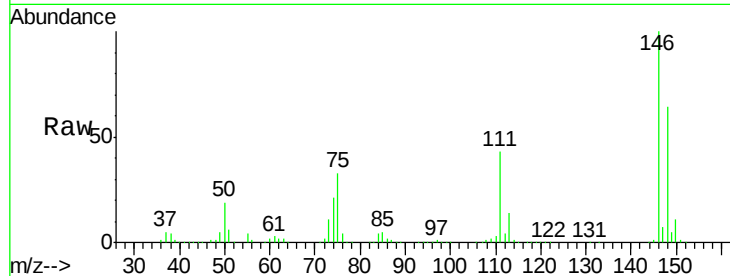
#13
1,4-Dichlorobenzene
Concen: 42.231 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

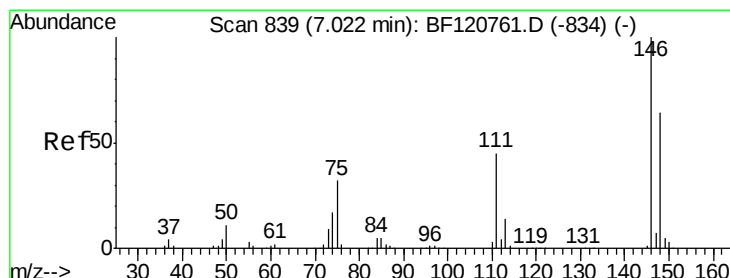
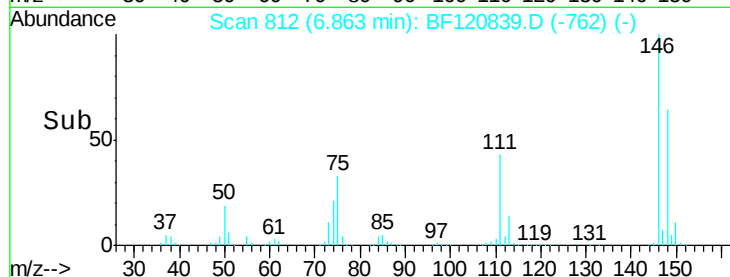
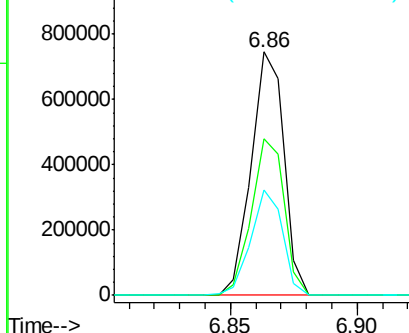
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	43.5	33.7	50.5

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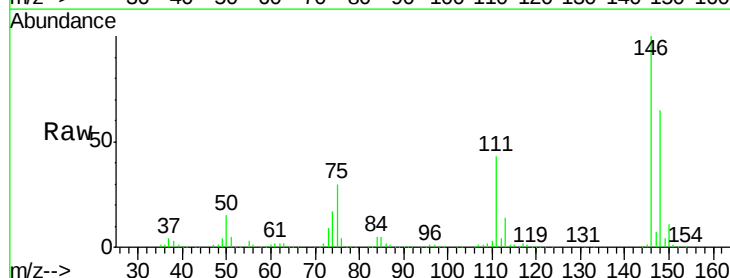


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

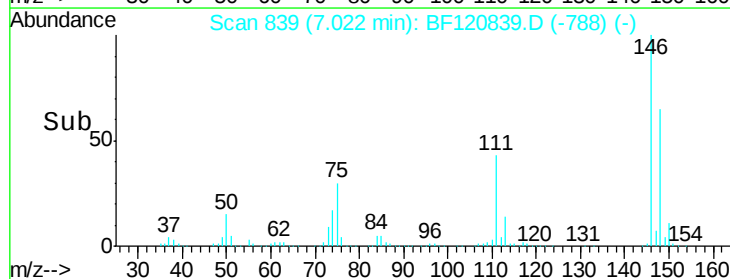
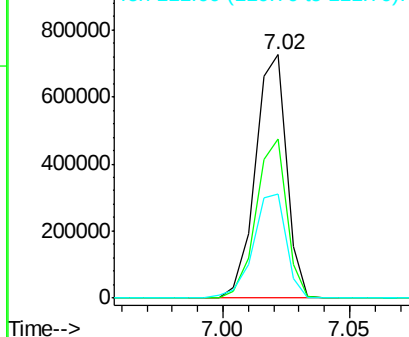


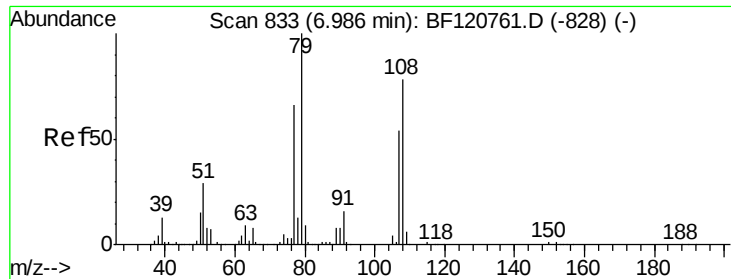
#14
1,2-Dichlorobenzene
Concen: 41.354 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
111	42.7	35.7	53.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.343 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

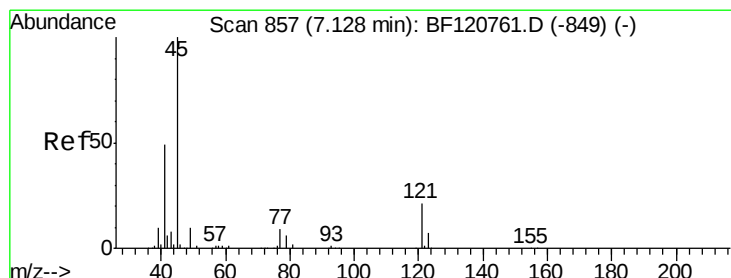
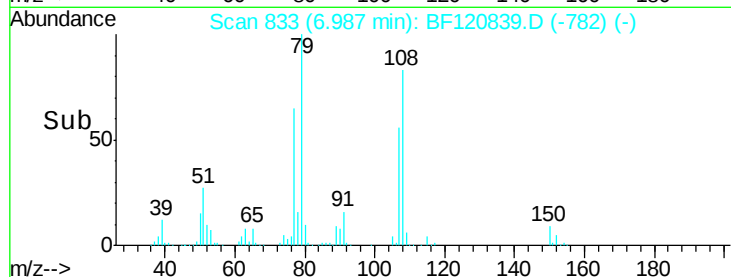
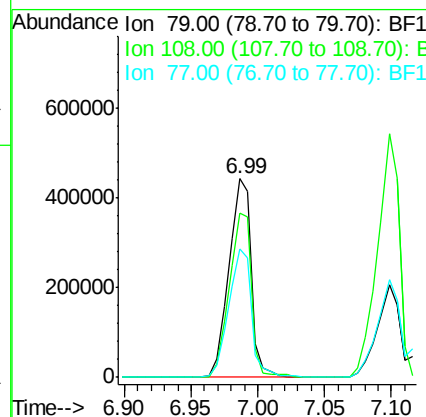
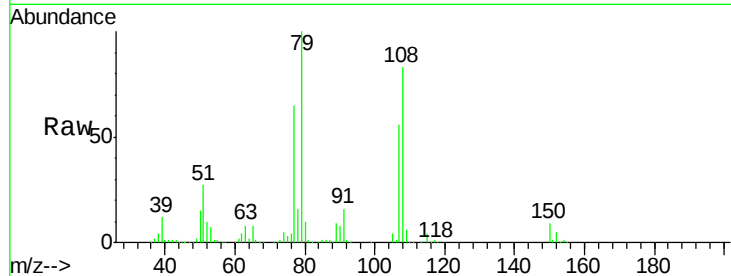
ClientSampled :

MH1MS

Tot Ion:	79	Resp:	524828
Ion Ratio	Lower	Upper	
79	100		
108	82.7	62.4	93.6
77	64.9	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.506 ng

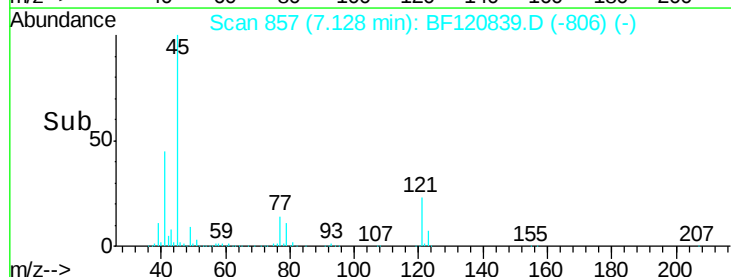
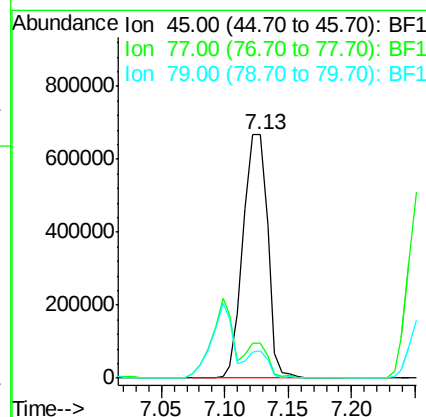
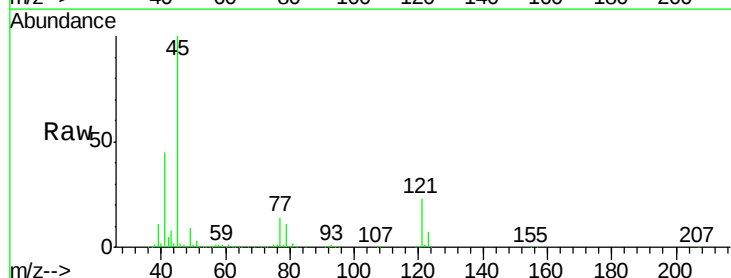
RT: 7.13 min Scan# 857

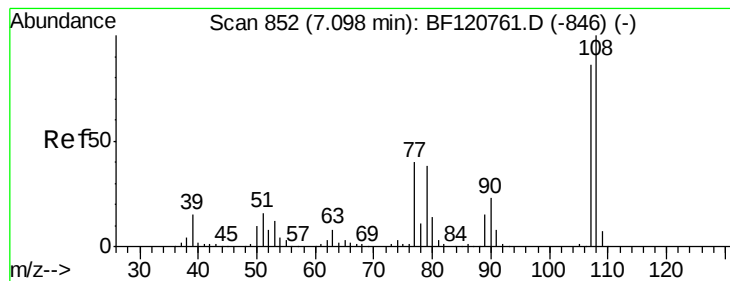
Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	45	Resp:	893135
Ion Ratio	Lower	Upper	
45	100		
77	14.3	0.0	33.7
79	11.1	0.0	30.5





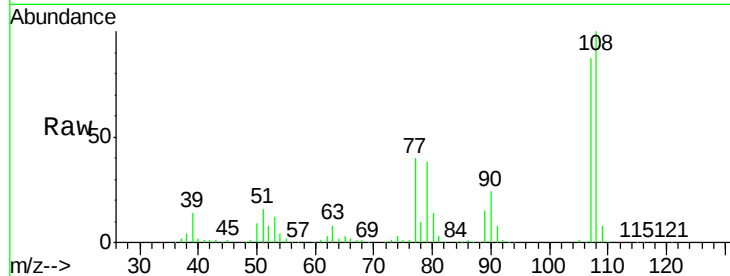
#17
2-Methylphenol
Concen: 41.173 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

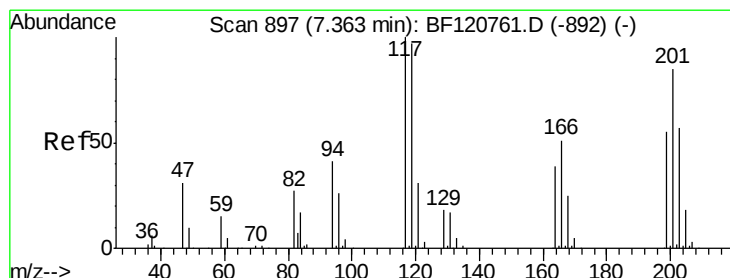
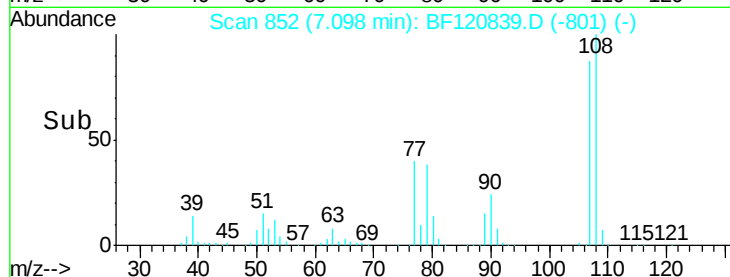
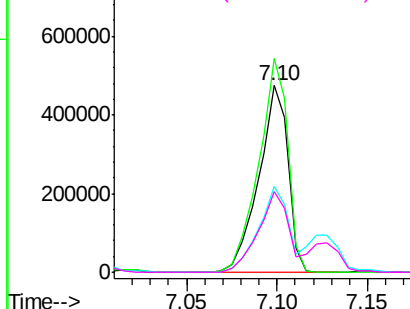
Tot Ion	107	Resp	531699
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.1	139.7
77	45.8	37.3	55.9
79	43.5	35.3	52.9

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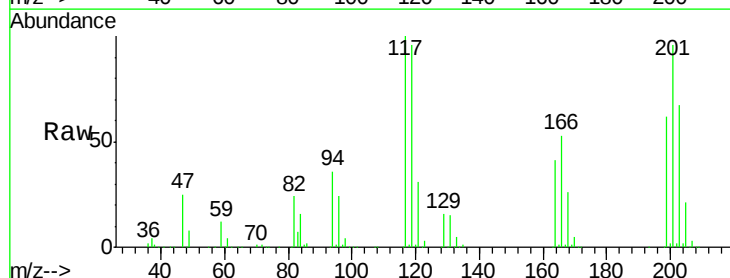


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

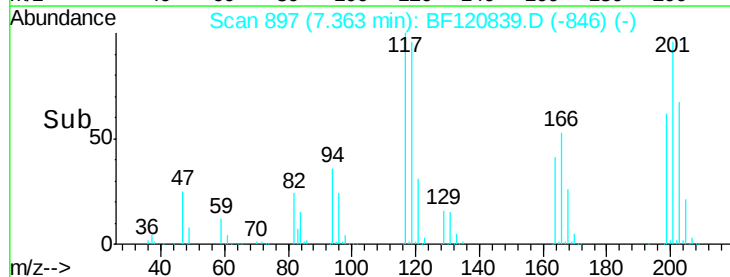
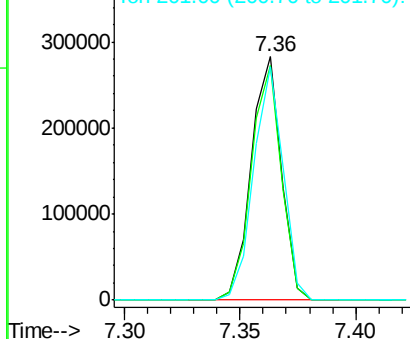


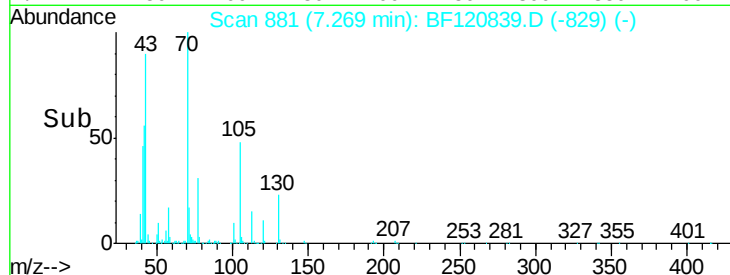
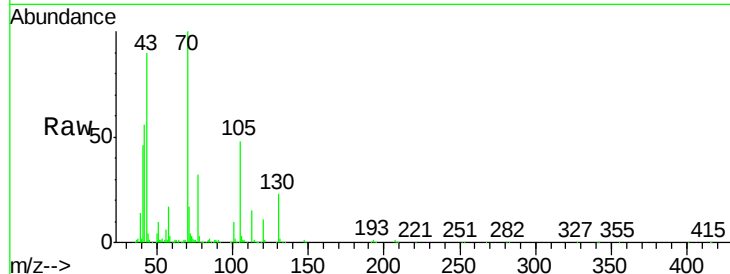
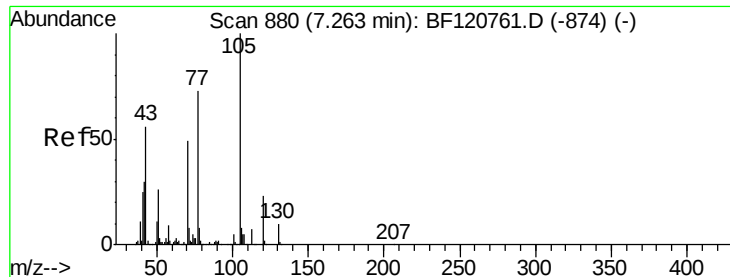
#18
Hexachloroethane
Concen: 43.159 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	117	Resp	258150
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.9	116.9
201	96.1	68.3	102.5



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





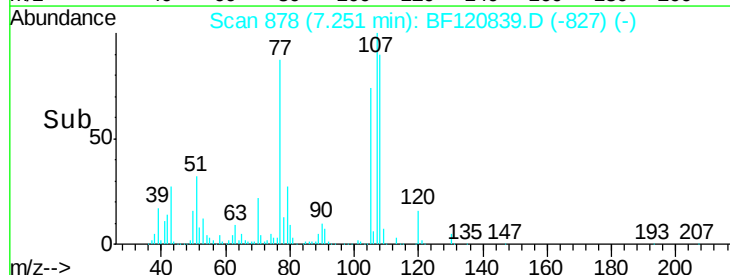
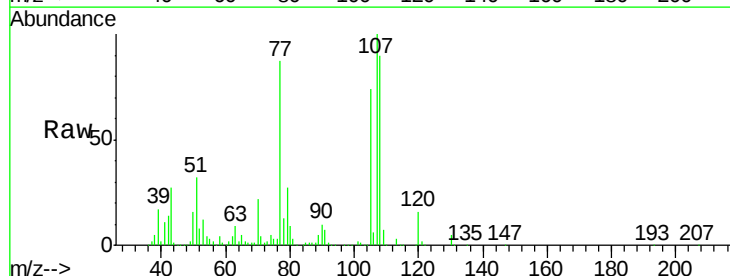
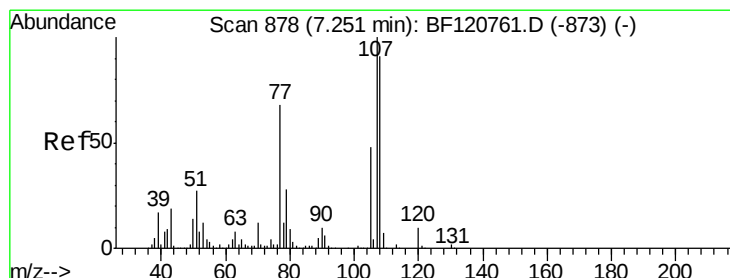
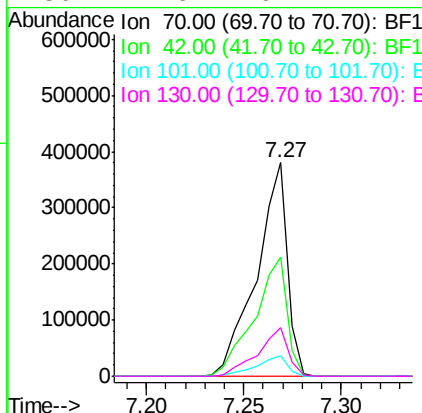
#19
n-Nitroso-di-n-propylamine
Concen: 39.920 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	50.3	75.5
101	9.7	7.5	11.3
130	22.6	16.1	24.1

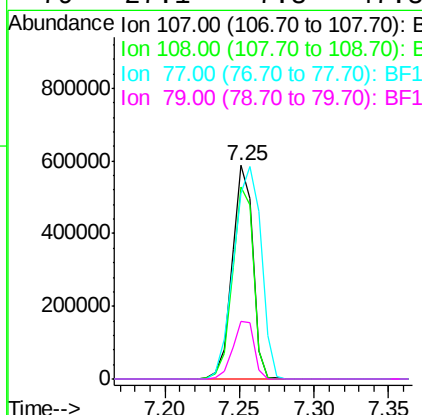
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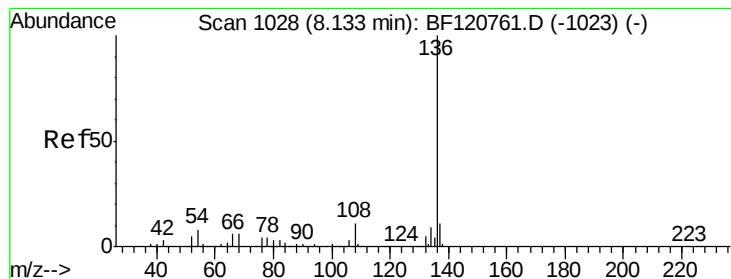
mohammad
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#20
3+4-Methylphenols
Concen: 36.323 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.9	110.9
77	87.0	48.3	88.3
79	27.1	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

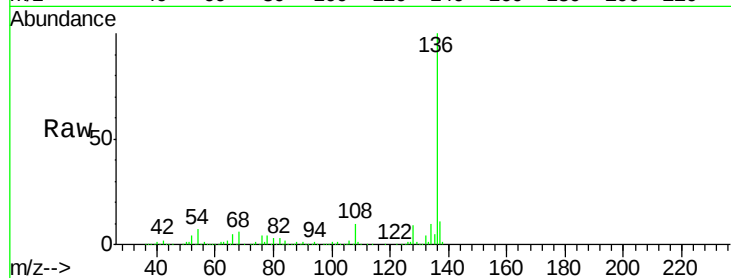
ClientSampleId :

MH1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		792199		
137	11.0	9.0	13.6		
54	7.0	6.2	9.4		
68	5.6	4.7	7.1		

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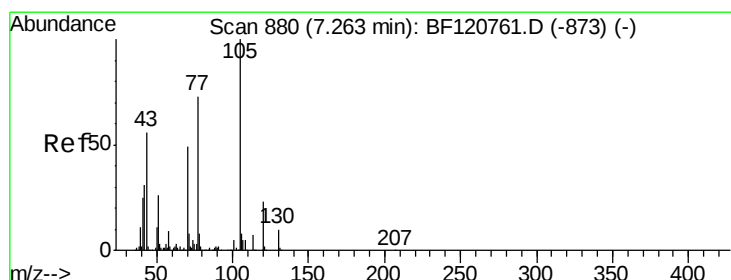
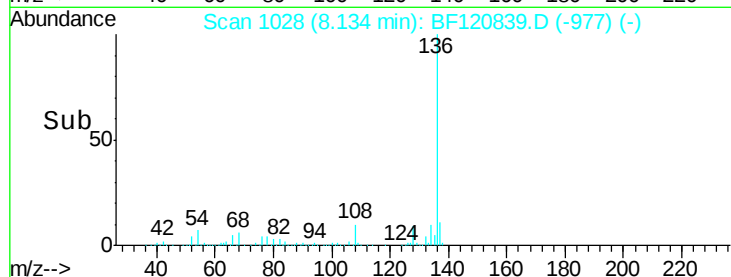
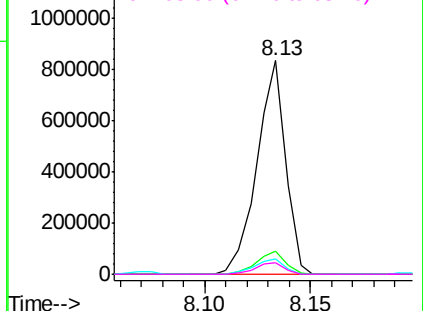
Abundance

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: 39.589 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		779543		
71	8.4	6.5	9.7		
51	25.6	21.0	31.4		
120	23.1	18.6	28.0		

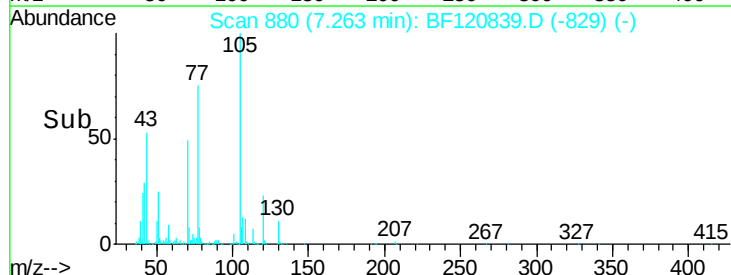
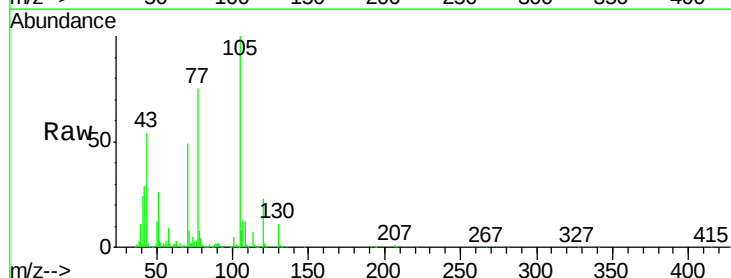
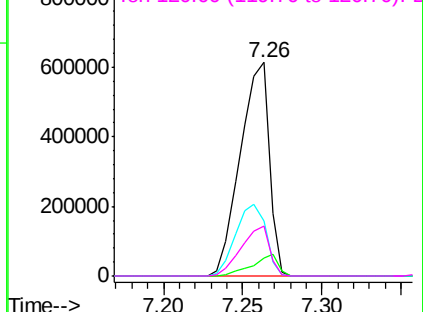
Abundance

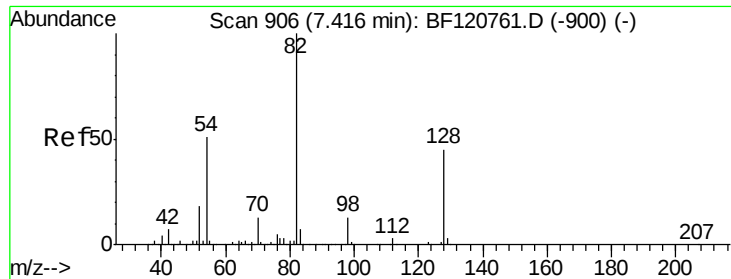
Ion 105.00 (104.70 to 105.70): E

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





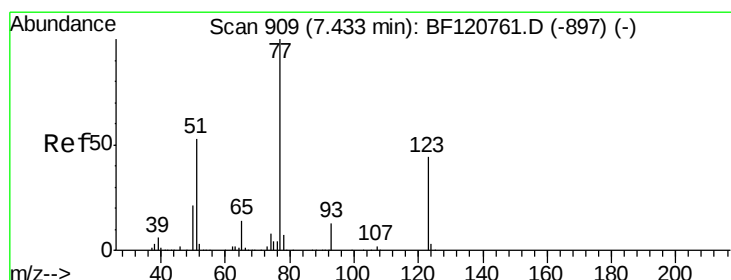
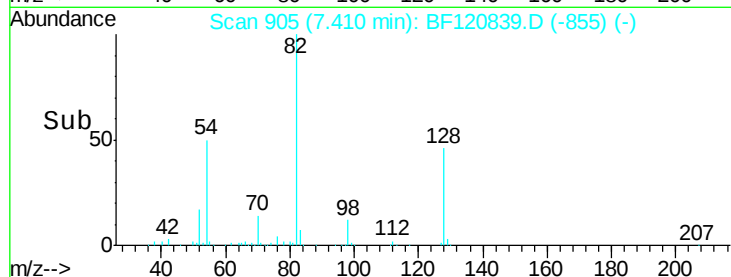
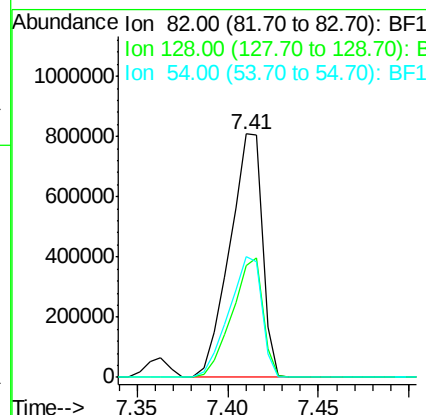
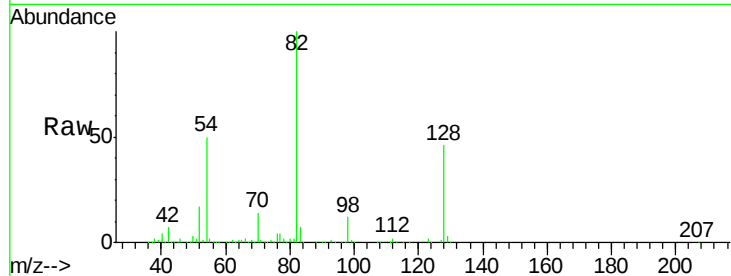
#23
 Nitrobenzene-d5
 Concen: 74.031 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion	82	Resp	1012243
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	49.8	40.9	61.3

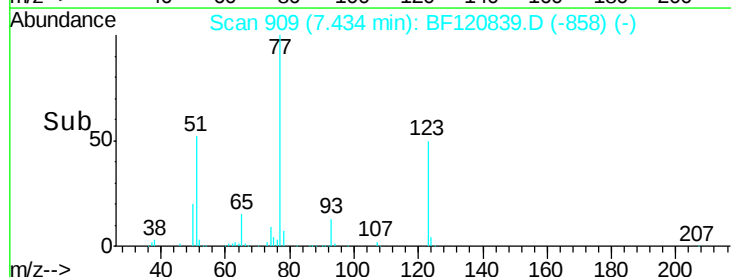
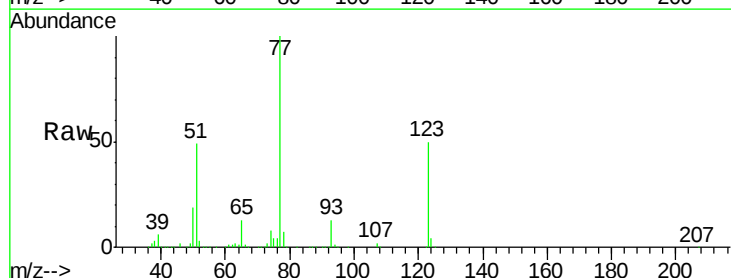
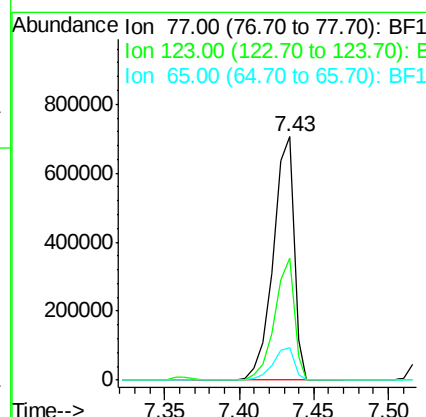
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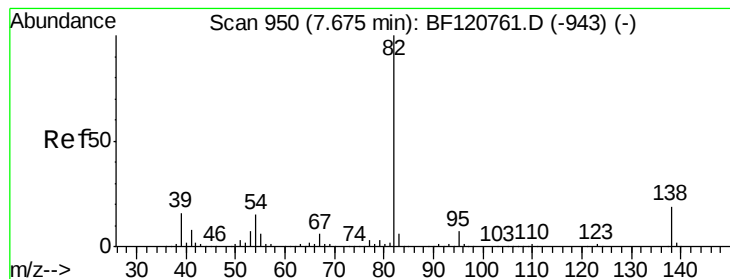
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#24
 Nitrobenzene
 Concen: 44.224 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion	77	Resp	678939
Ion	Ratio	Lower	Upper
77	100		
123	50.1	36.1	54.1
65	13.4	11.0	16.4





#25

Isophorone

Concen: 41.477 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion: 82 Resp: 1223049

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

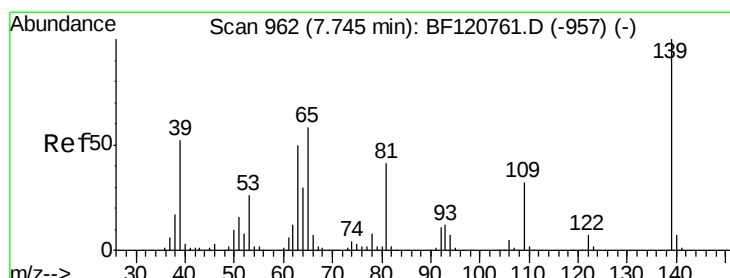
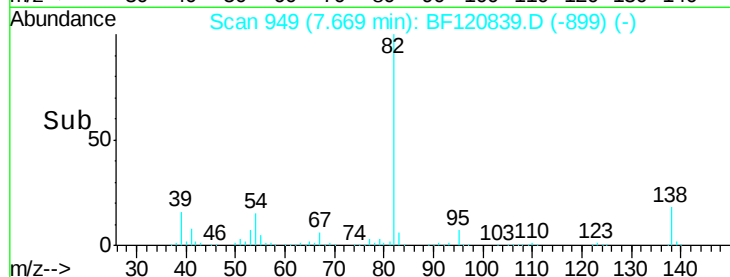
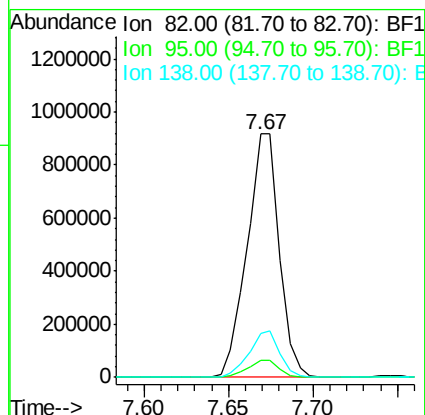
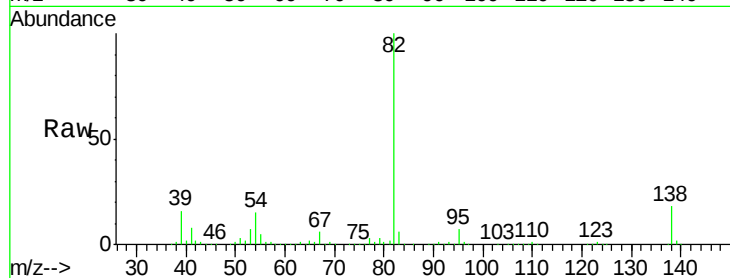
138 18.0 15.0 22.4

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#26

2-Nitrophenol

Concen: 48.690 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

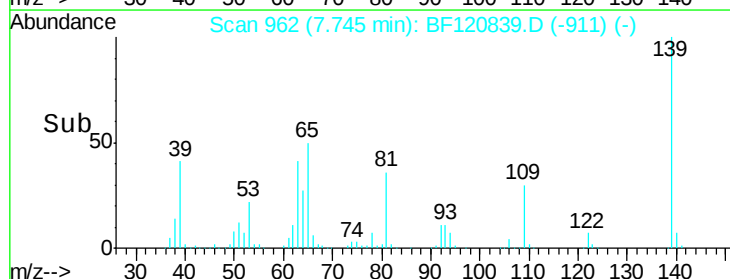
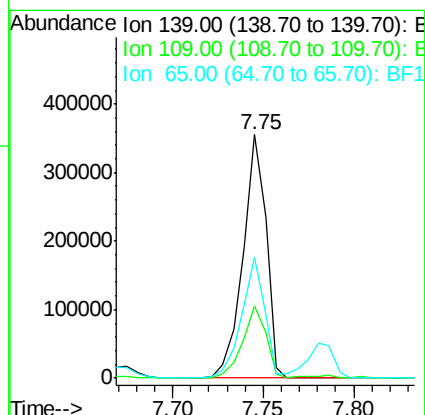
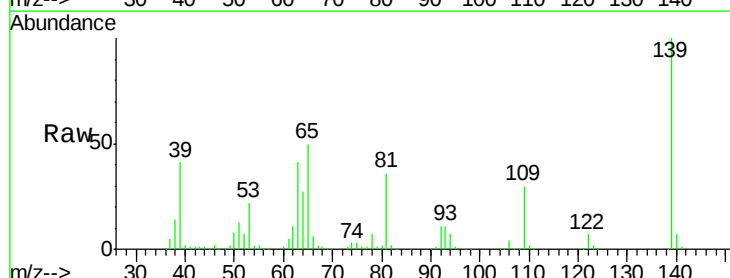
Tgt Ion: 139 Resp: 314656

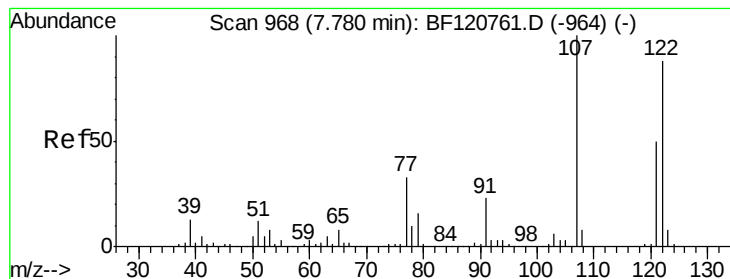
Ion Ratio Lower Upper

139 100

109 29.7 25.3 37.9

65 49.8 46.2 69.2





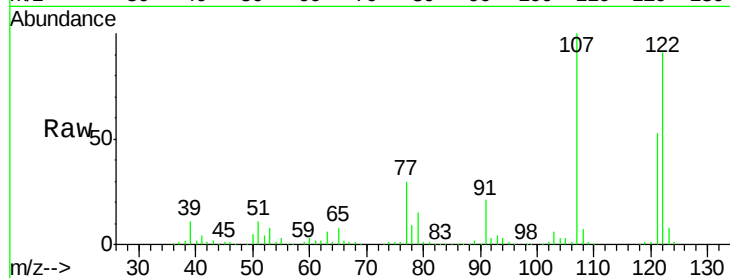
#27
 2,4-Dimethylphenol
 Concen: 47.464 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

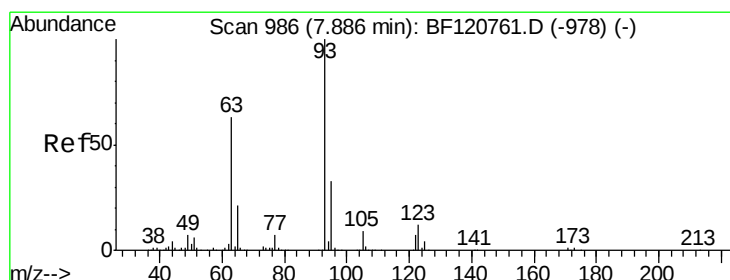
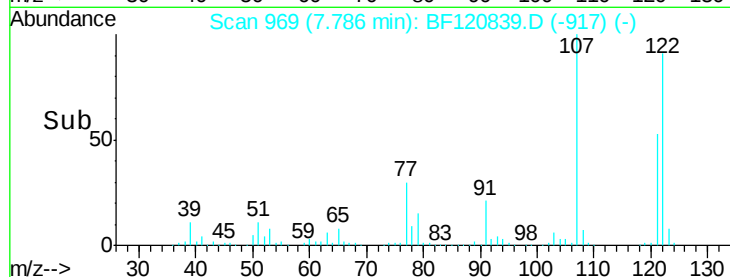
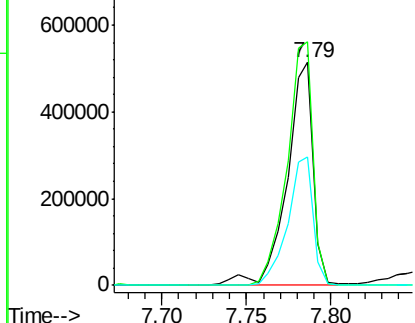
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	90.7	136.1
121	57.6	45.4	68.0

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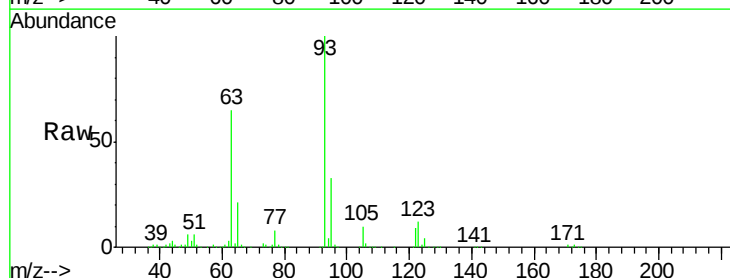


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

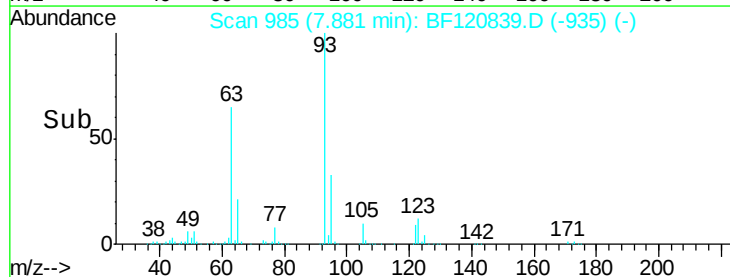
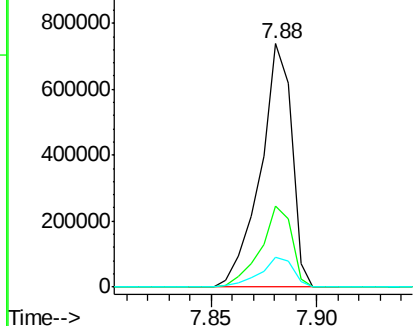


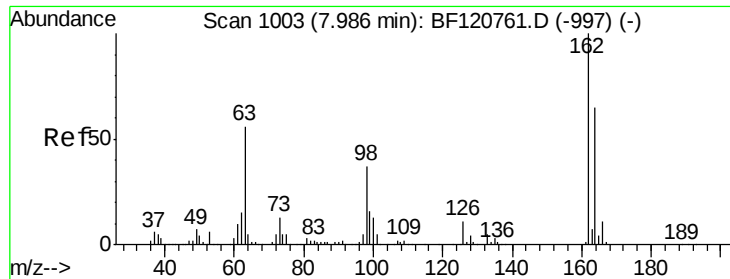
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.728 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.1	10.2	15.2



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





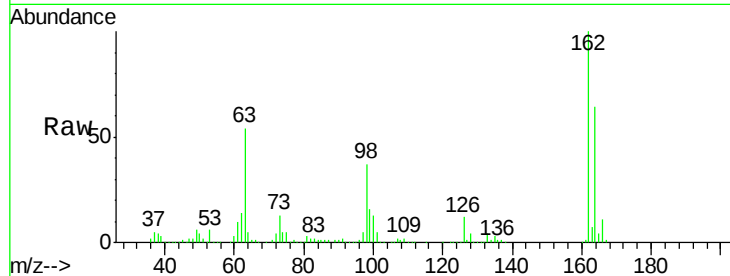
#29
2,4-Dichlorophenol
Concen: 44.224 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

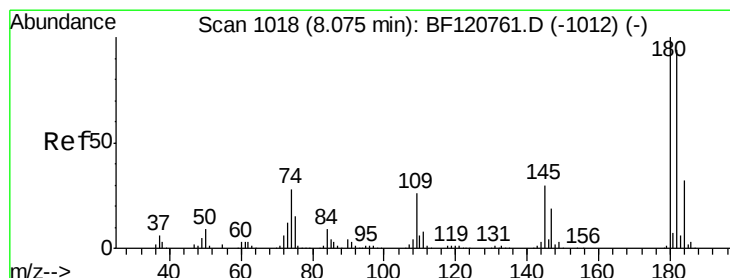
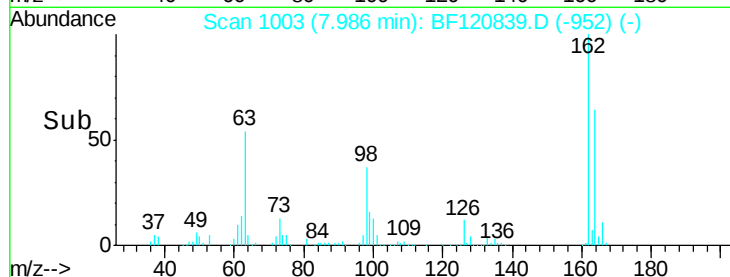
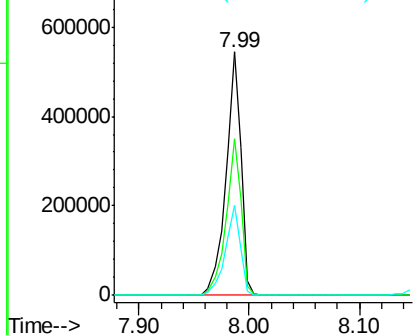
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	45.2	85.2	
98	37.1	17.0	57.0	

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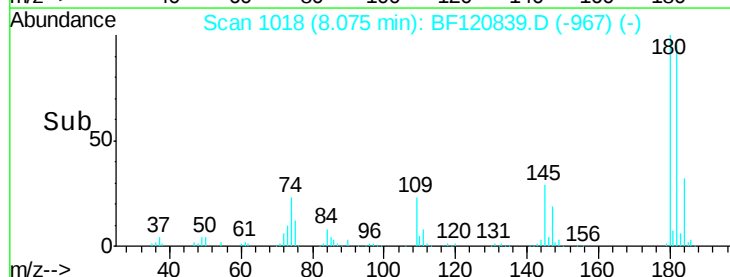
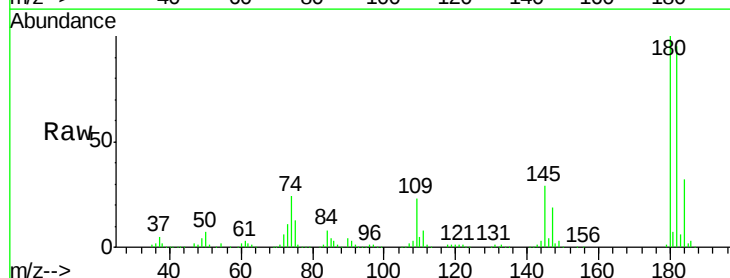
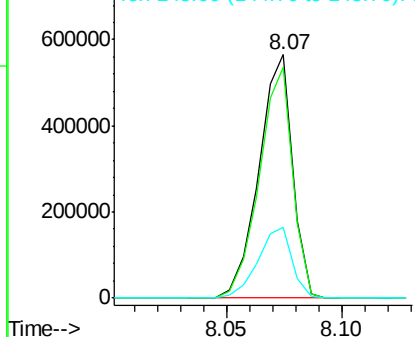
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

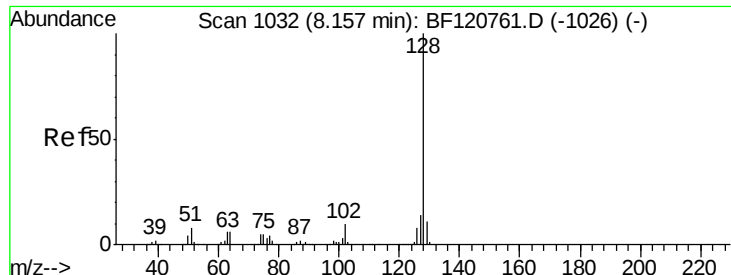


#30
1,2,4-Trichlorobenzene
Concen: 43.361 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	75.5	113.3	
145	29.2	24.1	36.1	

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





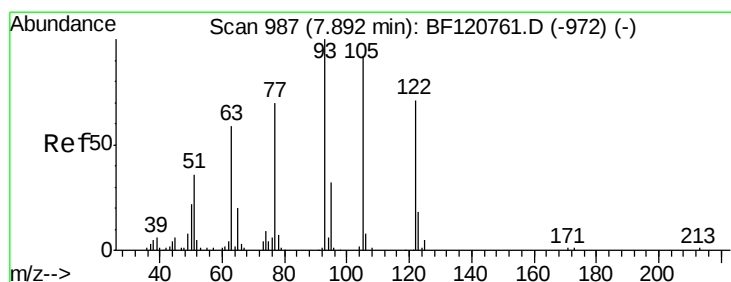
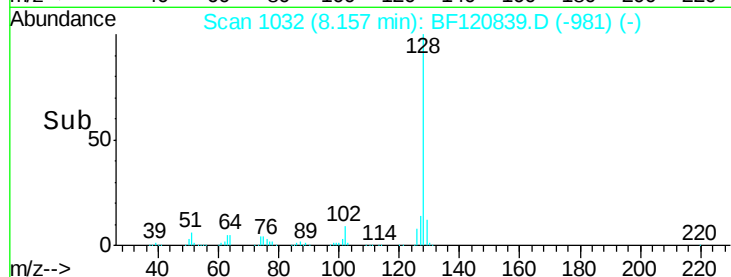
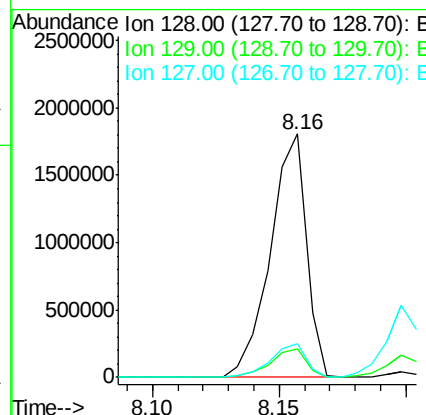
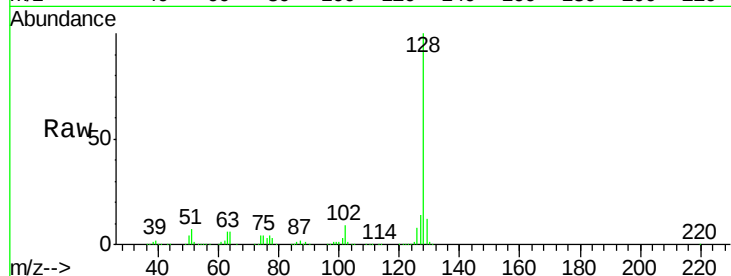
#31
Naphthalene
Concen: 42.122 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.2	13.8
127	13.8	11.1	16.7

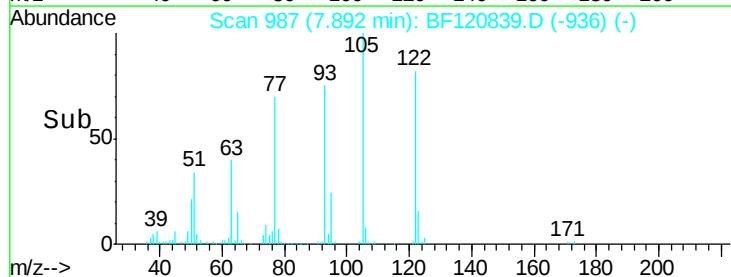
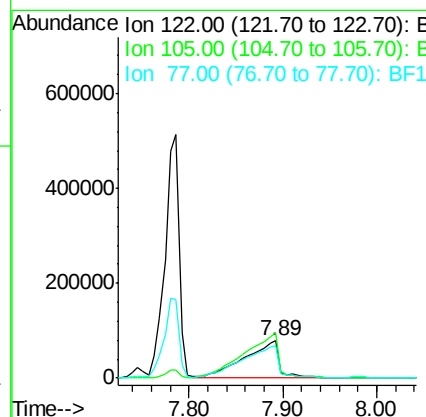
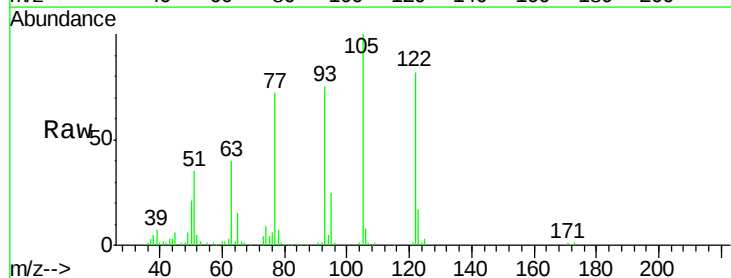
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#32
Benzoic acid
Concen: 26.284 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	105.8	145.8
77	88.0	77.3	117.3





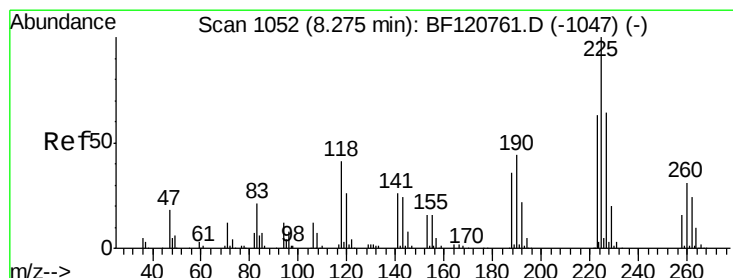
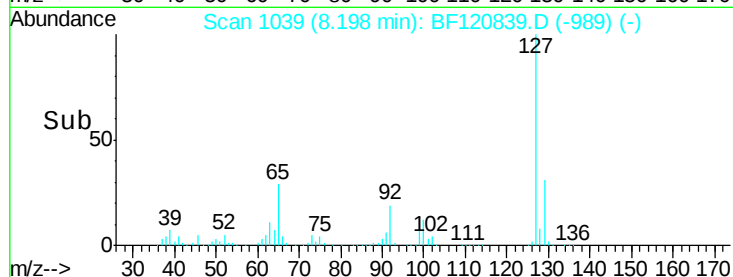
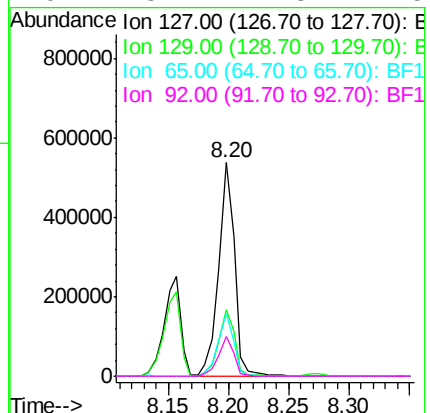
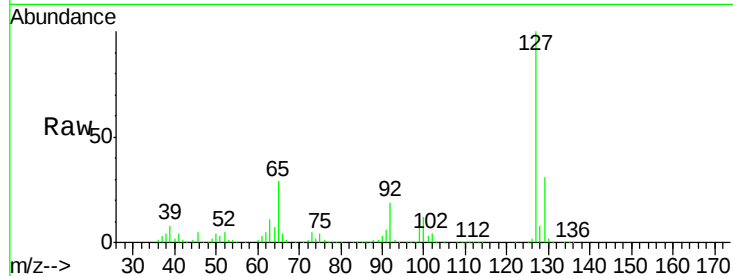
#33
4-Chloroaniline
Concen: 26.799 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
481456	127	100			
	129	31.4	26.6	39.8	
	65	29.2	22.7	34.1	
	92	18.7	14.3	21.5	

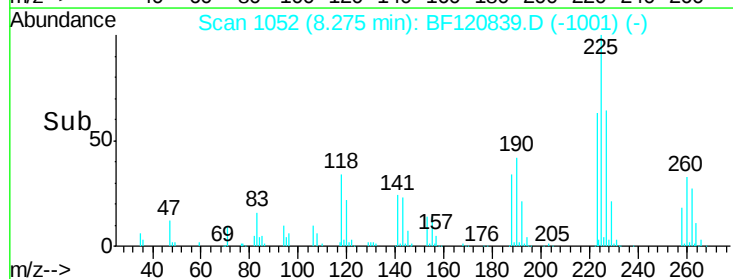
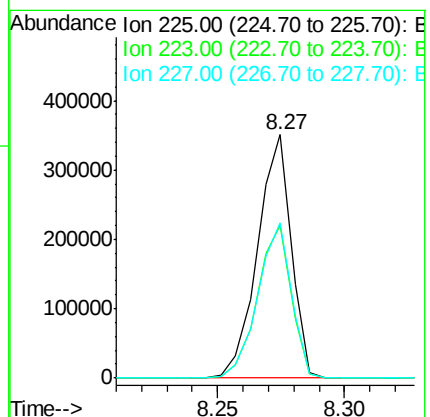
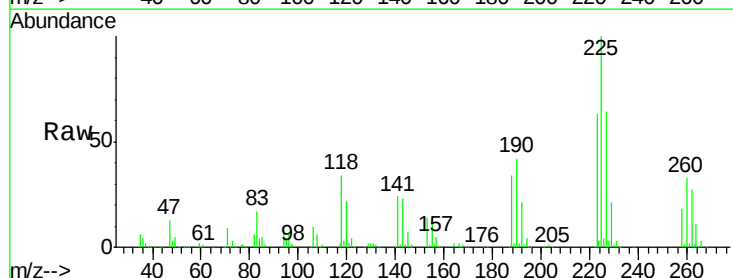
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#34
Hexachlorobutadiene
Concen: 41.074 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
326052	225	100			
	223	62.7	50.6	76.0	
	227	63.8	51.4	77.2	





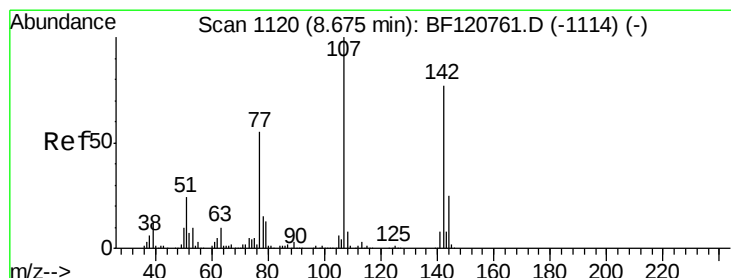
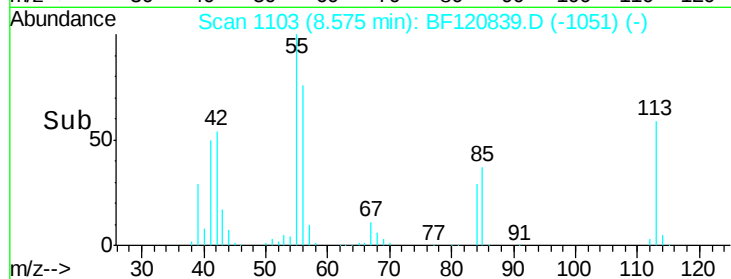
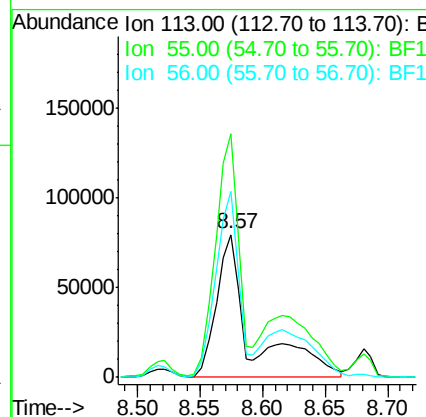
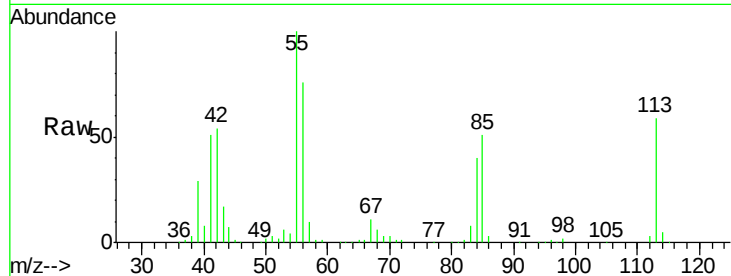
#35
Caprolactam
Concen: 44.977 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.6	168.3	208.3
56	130.0	118.8	158.8

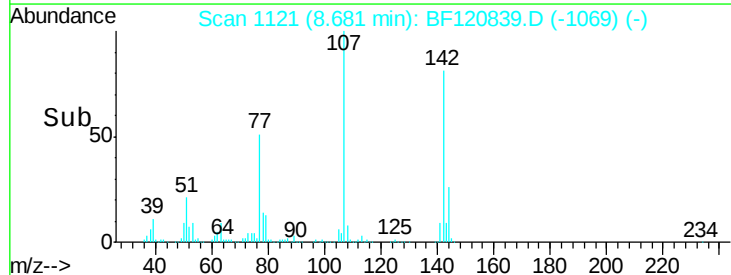
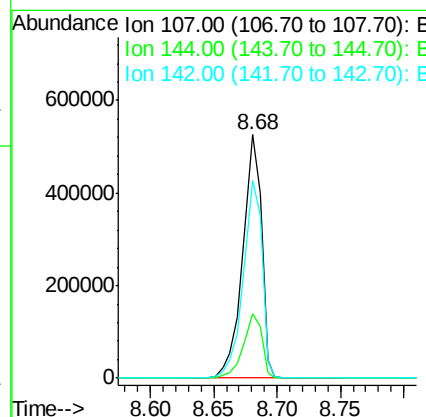
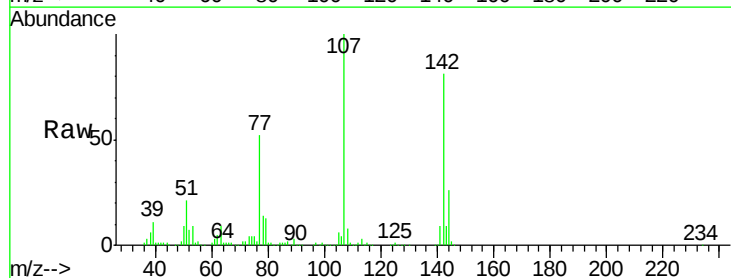
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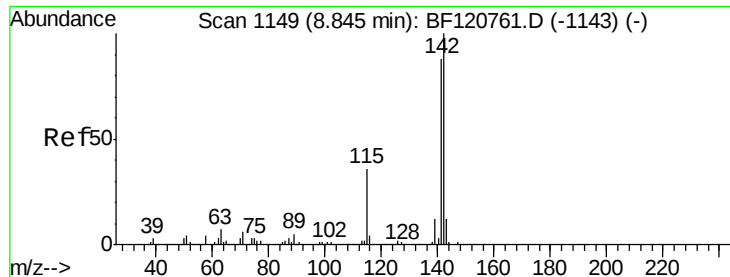
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#36
4-Chloro-3-methylphenol
Concen: 43.829 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.7	29.5
142	81.3	61.2	91.8





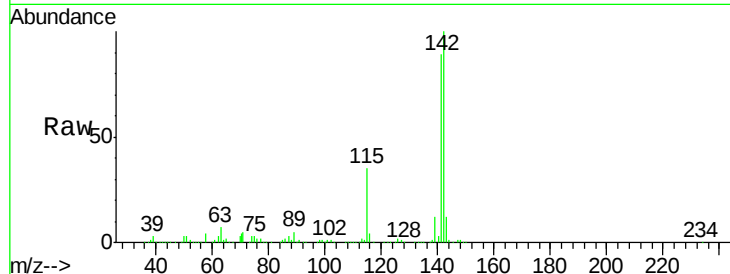
#37
2-Methylnaphthalene
Concen: 43.154 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.4
115	34.9	29.0	43.4

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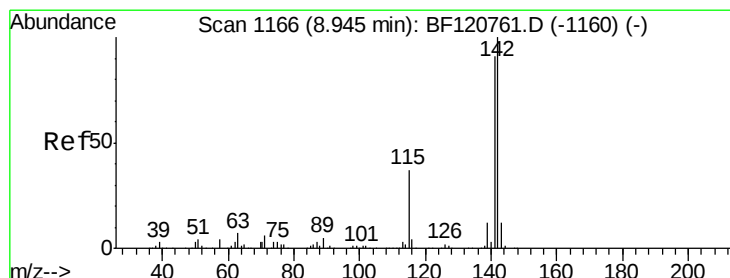
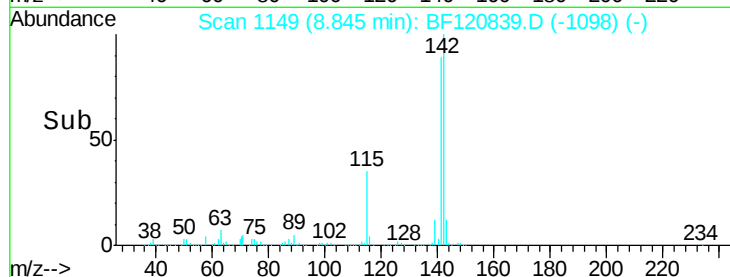
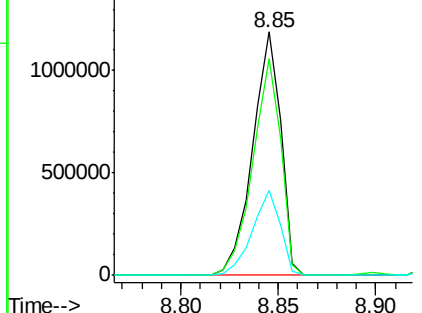


Abundance

Ion 142.00 (141.70 to 142.70): E

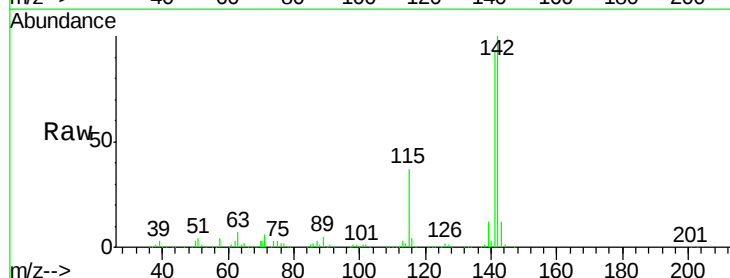
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.508 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.5	108.7
116	3.9	3.1	4.7

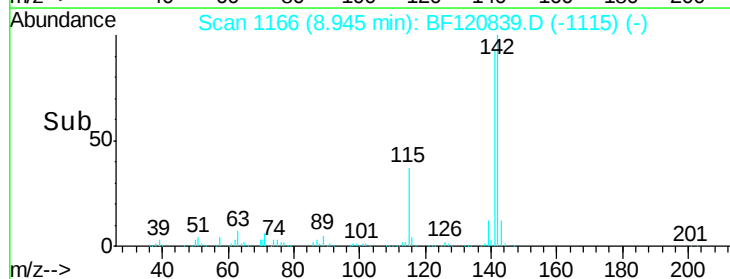
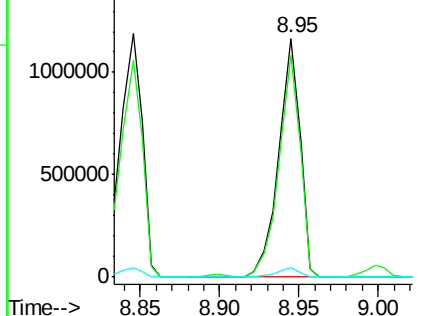


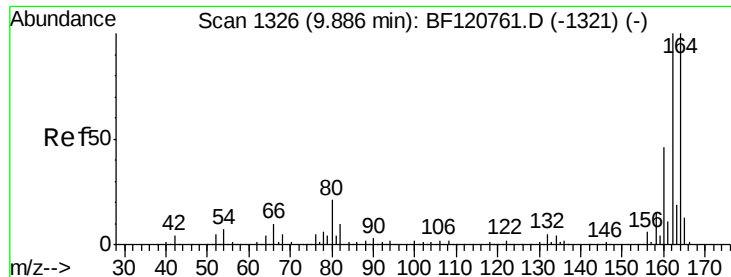
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

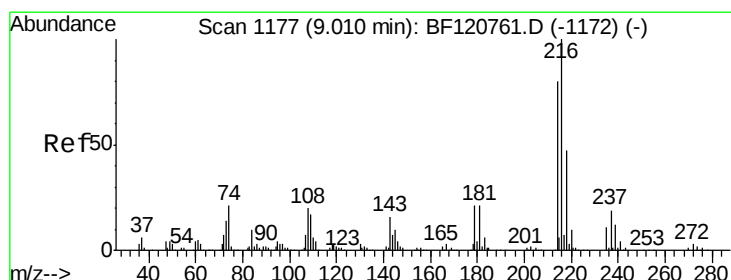
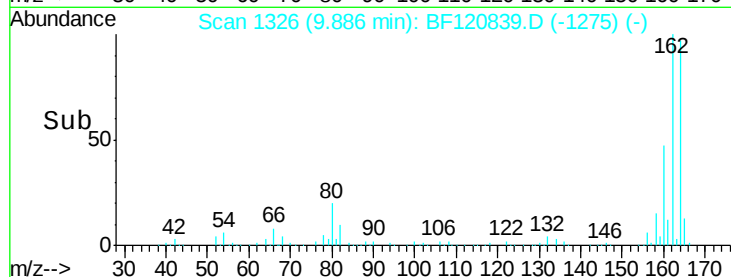
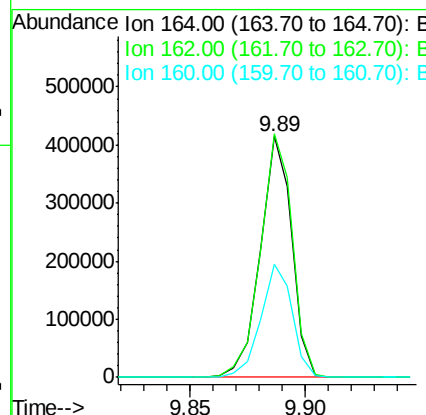
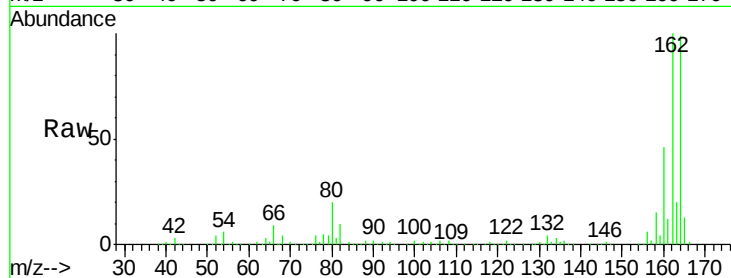
ClientSampled :

MH1MS

Tot Ion:	164	Resp:	392911
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.2	120.2
160	47.0	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.699 ng

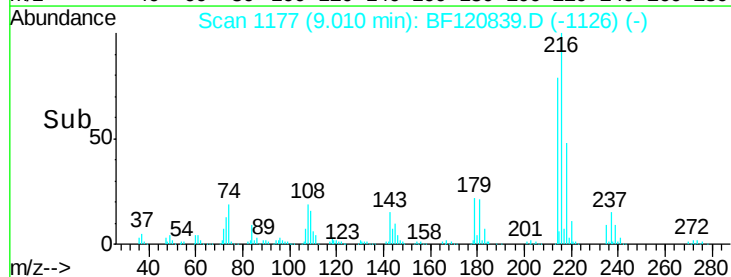
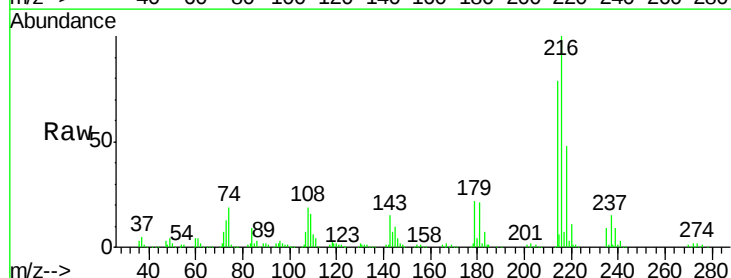
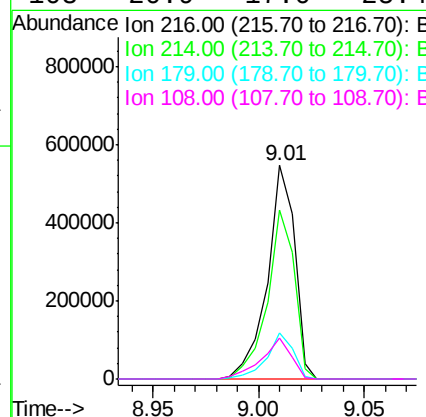
RT: 9.01 min Scan# 1177

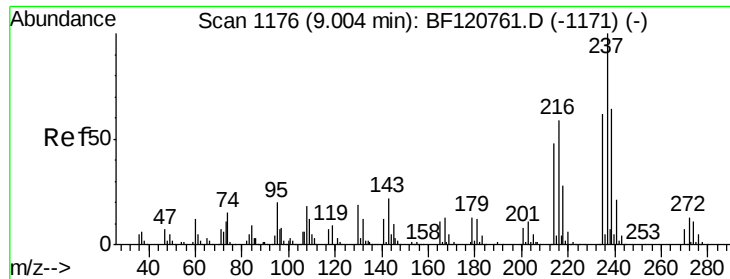
Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	216	Resp:	495161
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.7	95.5
179	20.9	16.7	25.1
108	20.9	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 63.050 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

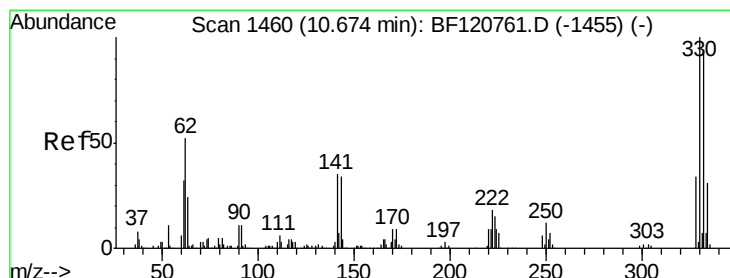
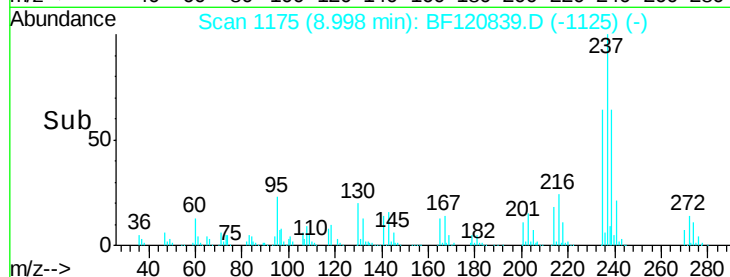
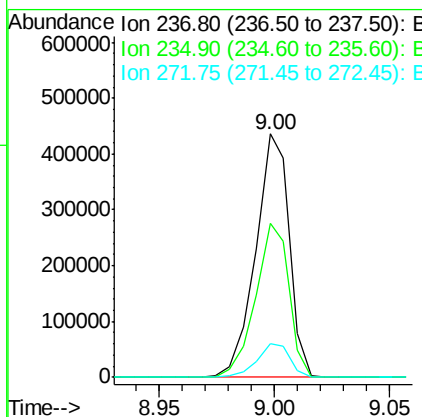
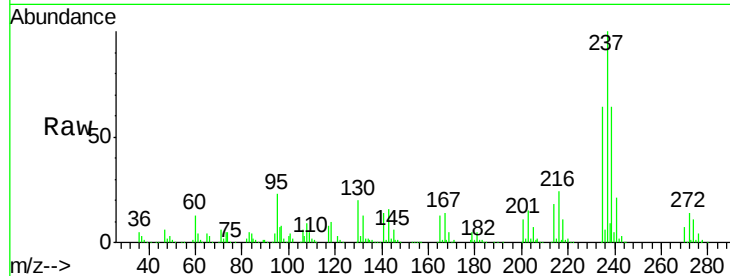
ClientSampled :

MH1MS

Tot Ion:	237	Resp:	442361
Ion Ratio		Lower	Upper
237	100		
235	63.5	42.1	82.1
272	13.7	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 104.962 ng

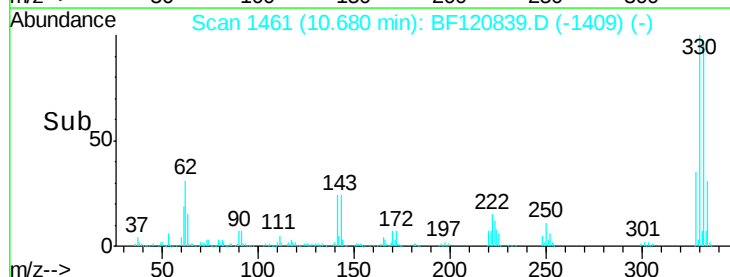
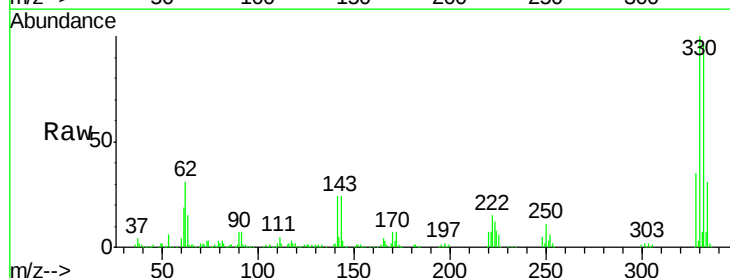
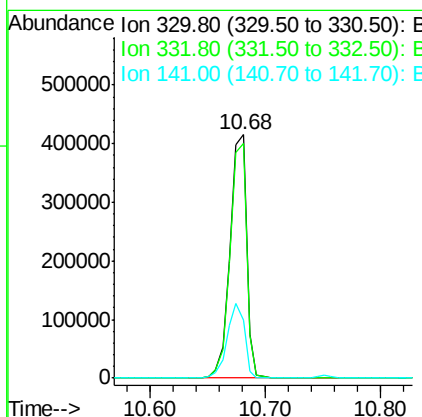
RT: 10.68 min Scan# 1461

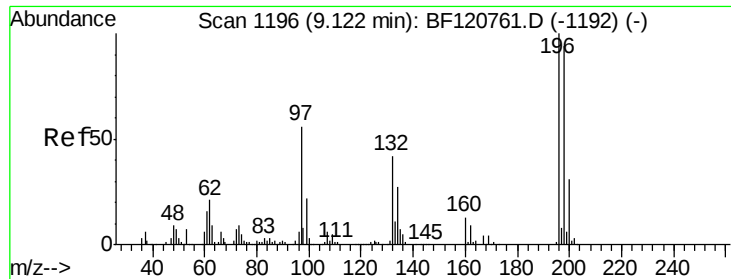
Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	330	Resp:	414321
Ion Ratio		Lower	Upper
330	100		
332	96.7	75.8	113.6
141	32.1	29.7	44.5





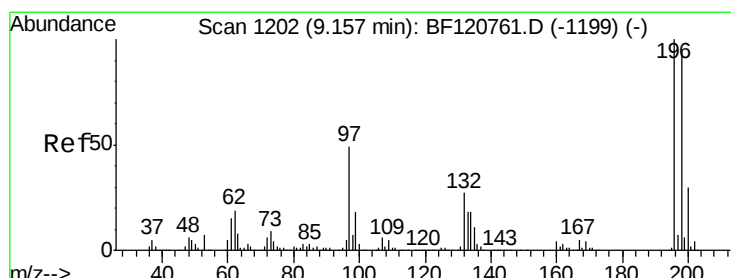
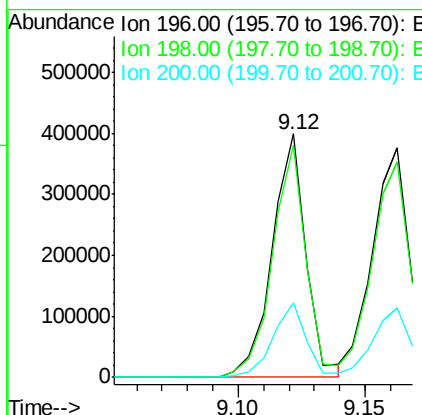
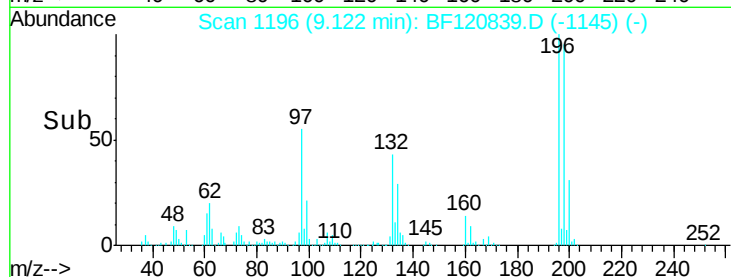
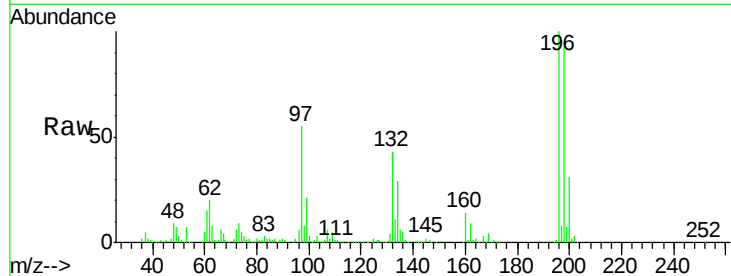
#43
 2,4,6-Trichlorophenol
 Concen: 46.137 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampled :
 MH1MS

Tot Ion:	196	Resp:	373319
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.3	112.9
200	30.6	24.4	36.6

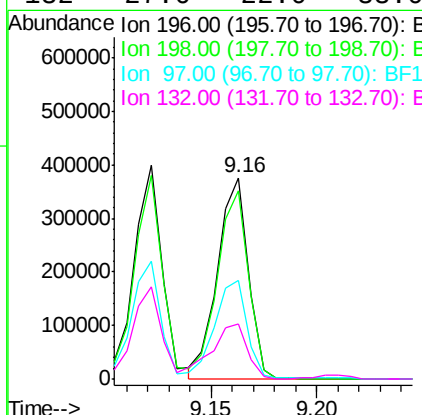
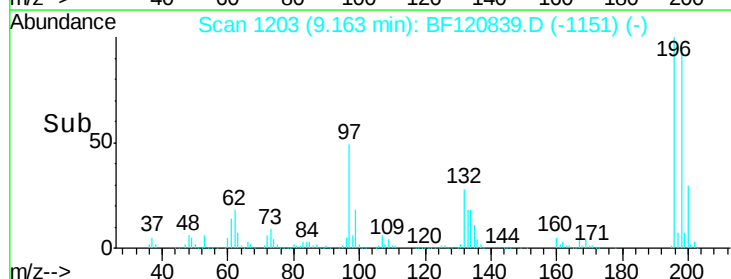
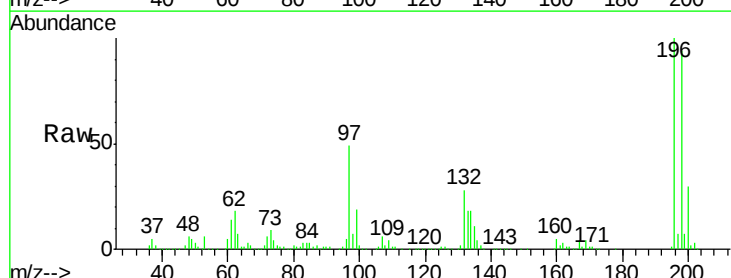
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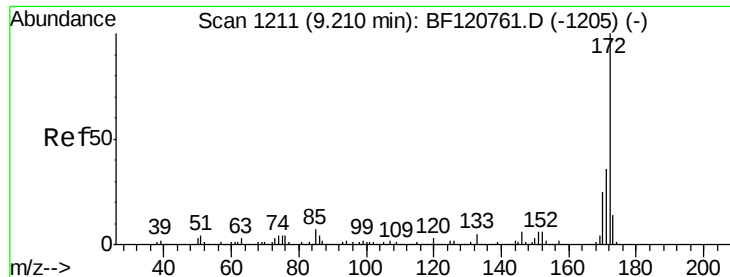
mohammad
 7/13/2020 1:04:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.228 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:	196	Resp:	379199
Ion Ratio	Lower	Upper	
196	100		
198	93.6	76.2	114.2
97	48.9	39.6	59.4
132	27.6	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 68.012 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:172 Resp: 1766264

Ion Ratio Lower Upper

172 100

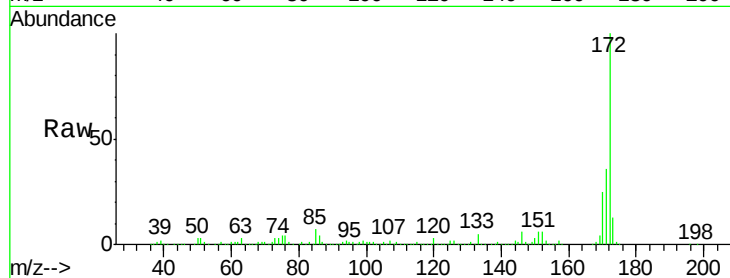
171 36.1 29.1 43.7

170 24.9 19.8 29.6

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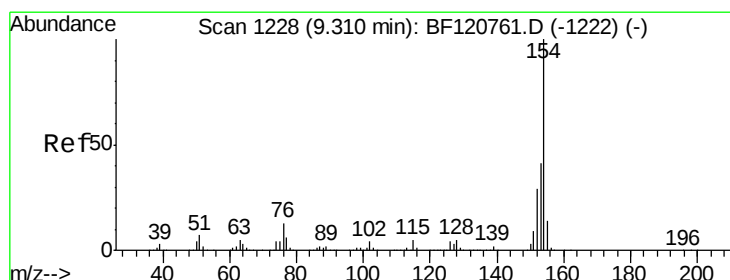
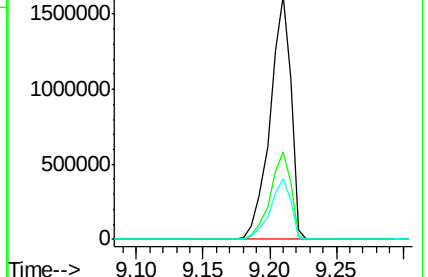
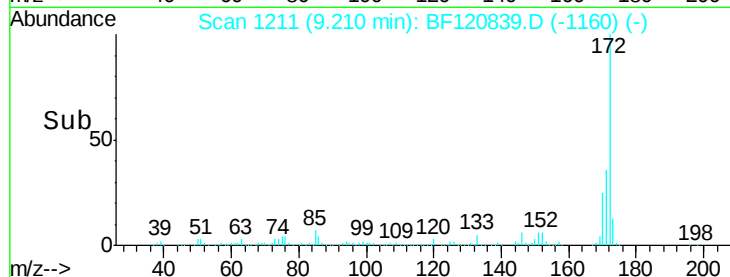
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.112 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

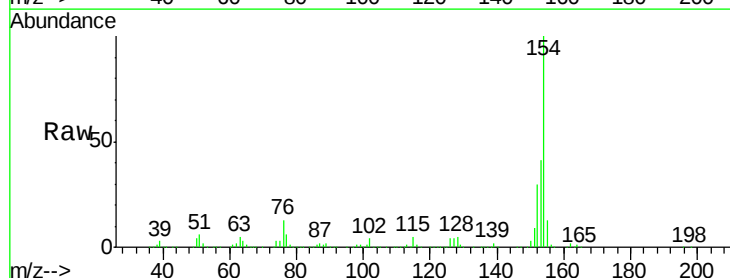
Tgt Ion:154 Resp: 1334662

Ion Ratio Lower Upper

154 100

153 41.5 20.7 60.7

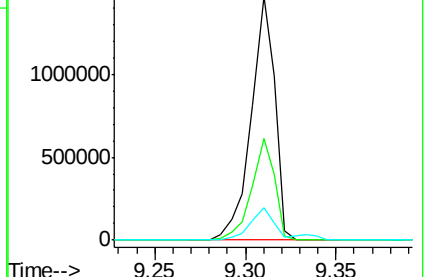
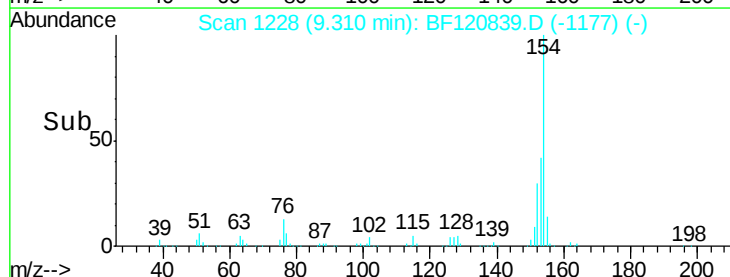
76 13.1 0.0 33.3

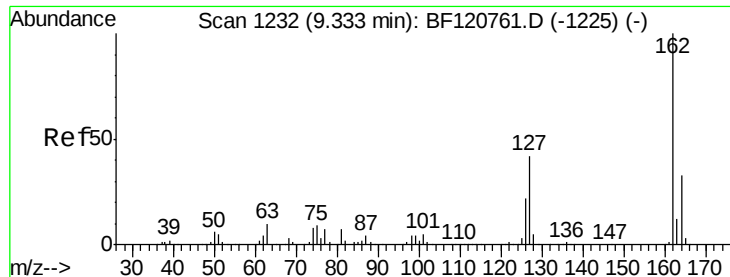


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





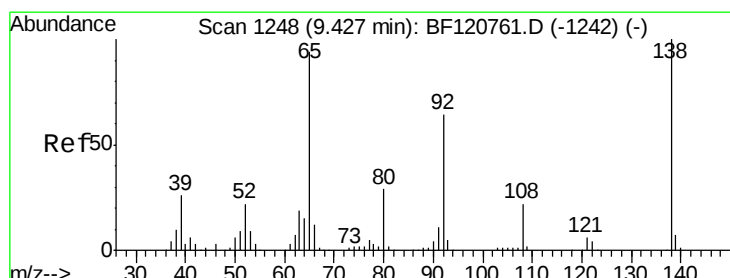
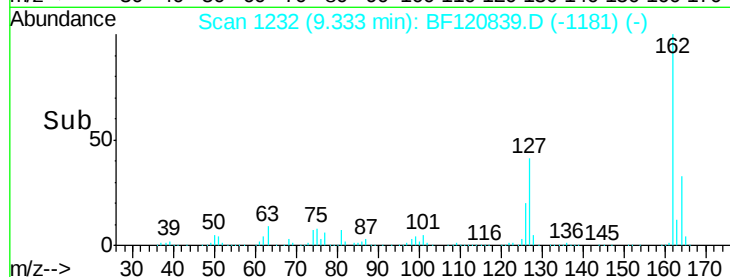
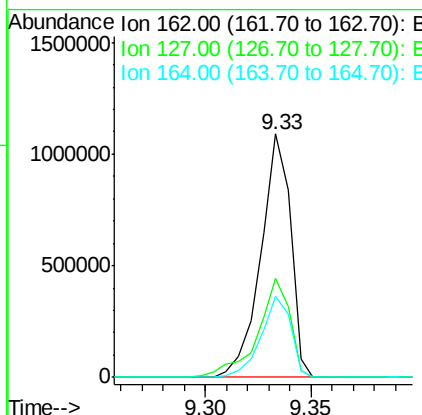
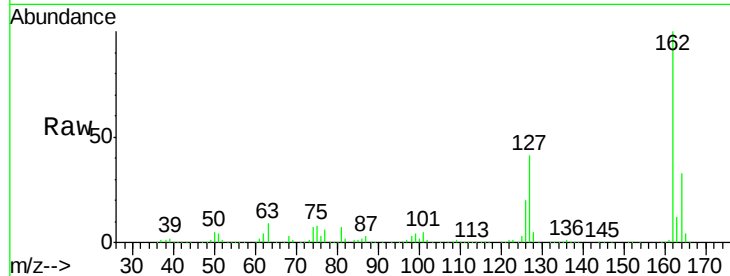
#47
2-Chloronaphthalene
Concen: 42.298 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.7	50.5
164	33.2	26.4	39.6

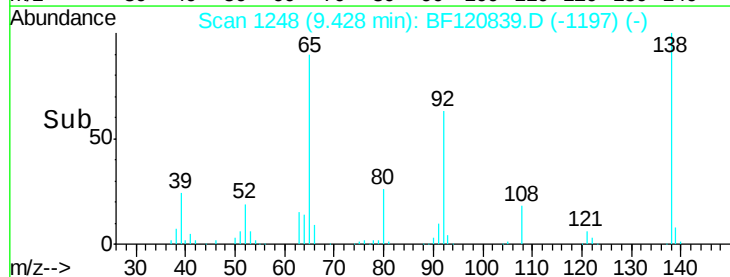
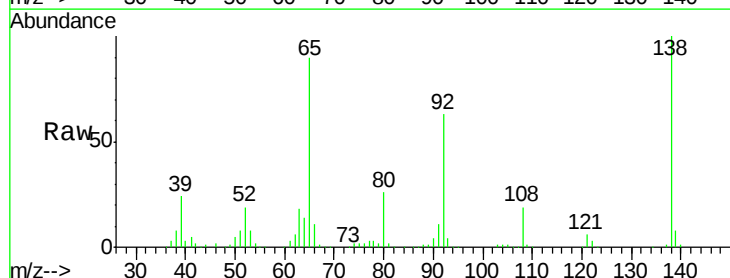
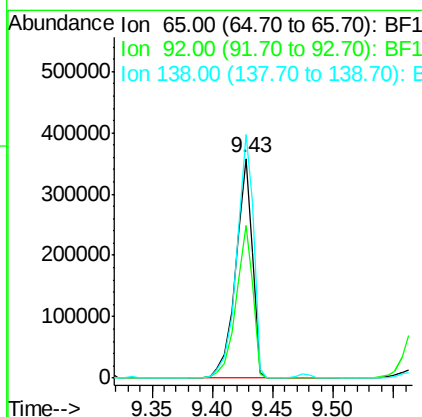
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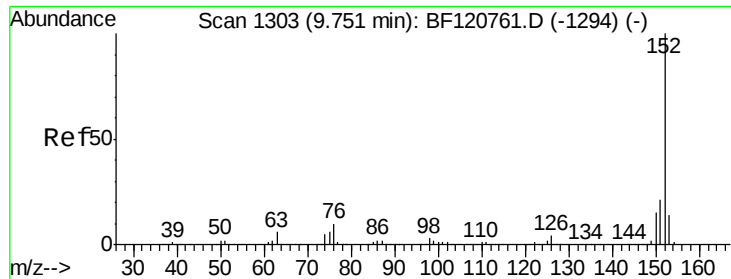
mohammad
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#48
2-Nitroaniline
Concen: 45.417 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.4	81.6
138	110.7	84.7	127.1





#49

Acenaphthylene

Concen: 42.035 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:152 Resp: 1673297

Ion Ratio Lower Upper

152 100

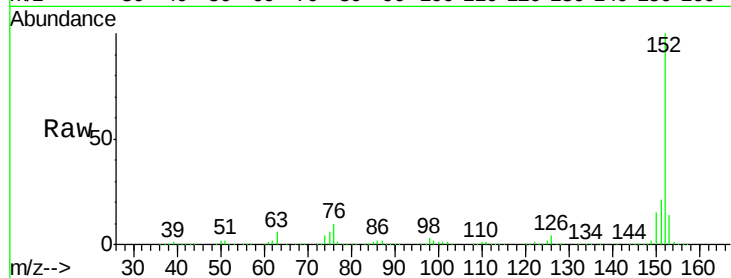
151 21.5 16.9 25.3

153 13.9 10.8 16.2

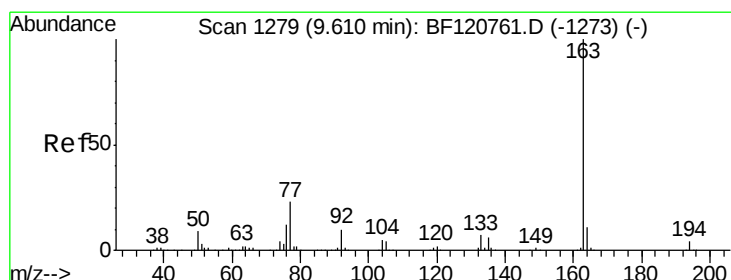
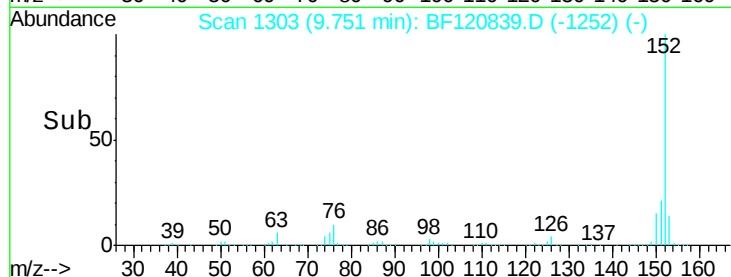
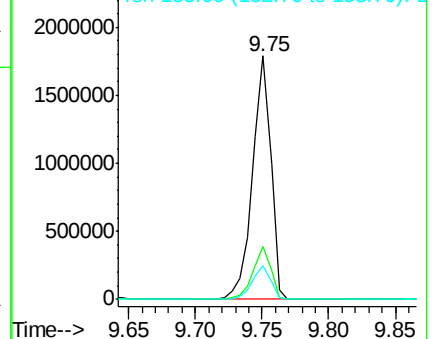
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.652 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

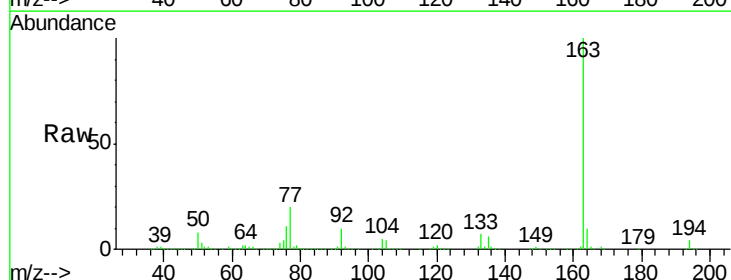
Tgt Ion:163 Resp: 1308470

Ion Ratio Lower Upper

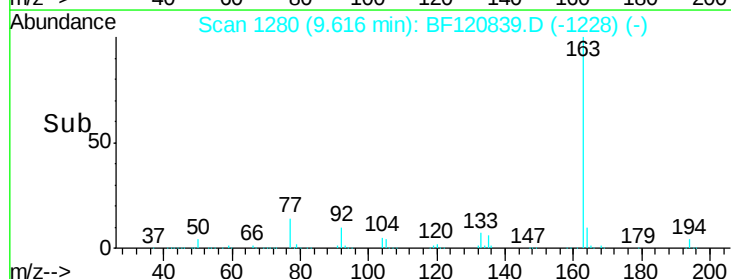
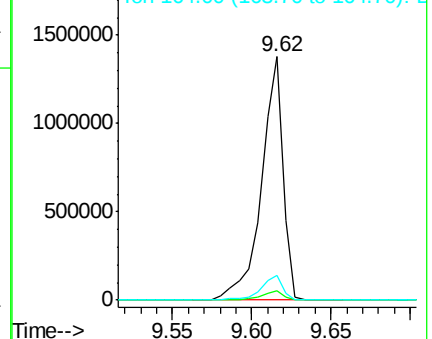
163 100

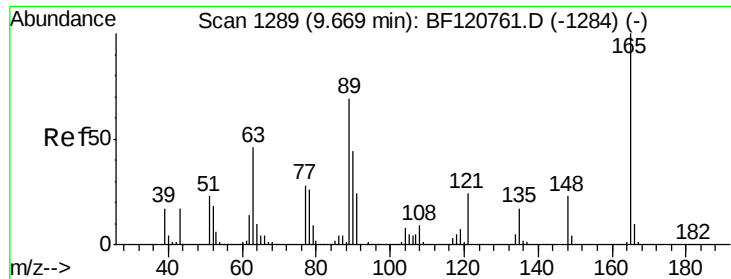
194 3.9 2.9 4.3

164 10.3 8.5 12.7



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





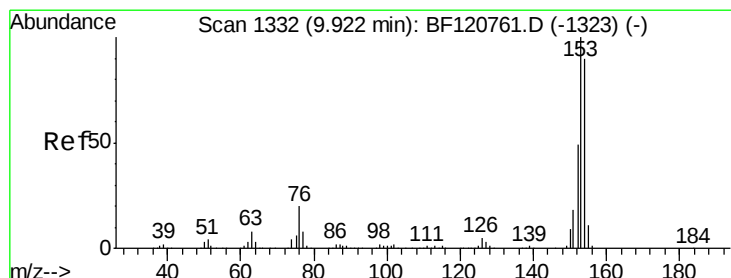
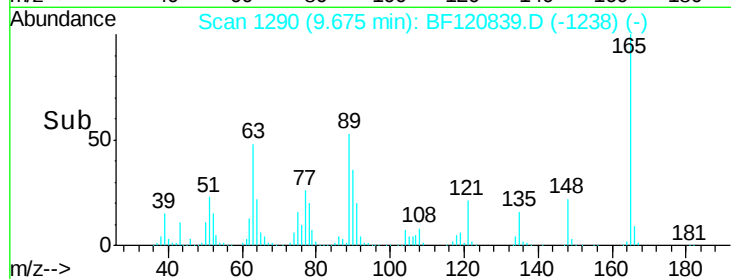
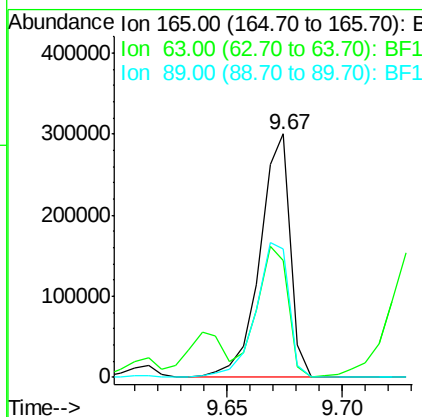
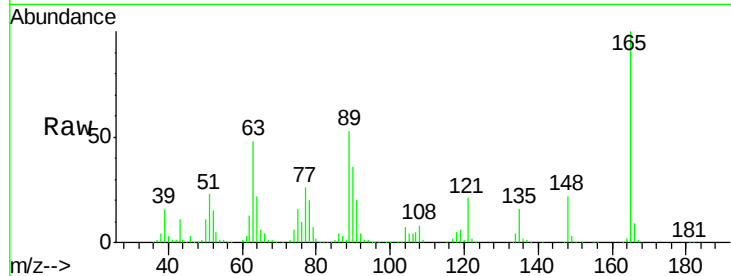
#51
2,6-Dinitrotoluene
Concen: 48.326 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	54.0	81.0#	
89	53.0	55.4	83.2#	

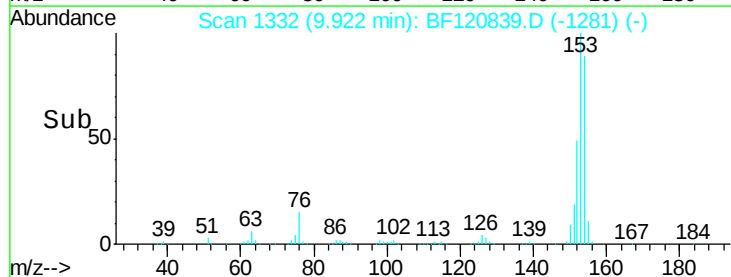
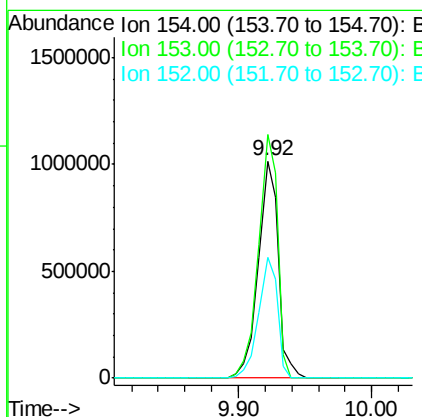
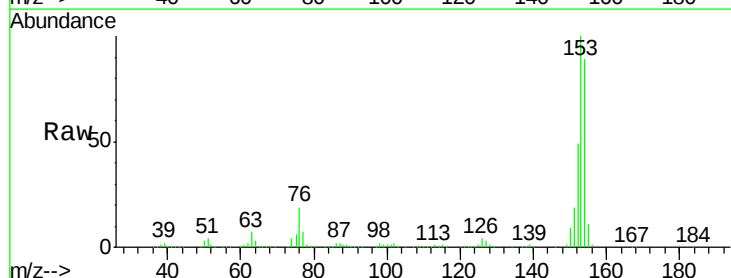
Manual Integrations
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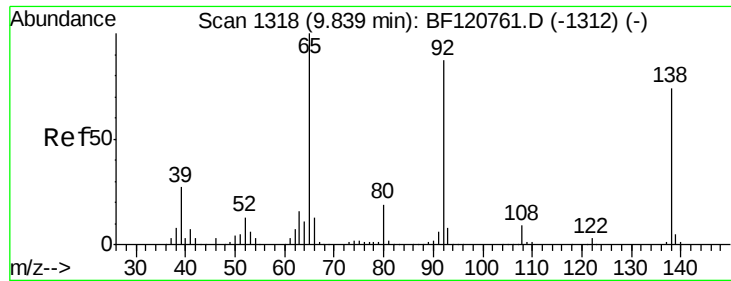
mohammad
7/13/2020 1:04:50 PM



#52
Acenaphthene
Concen: 41.939 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.1	88.6	132.8	
152	55.4	43.6	65.4	





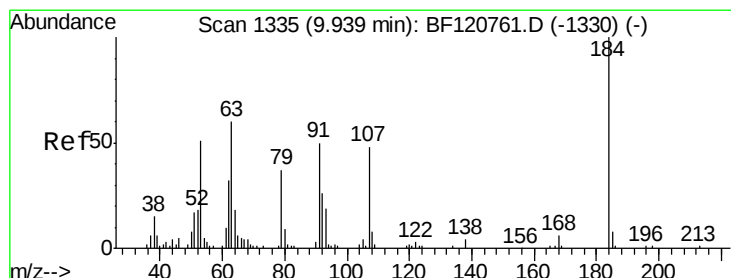
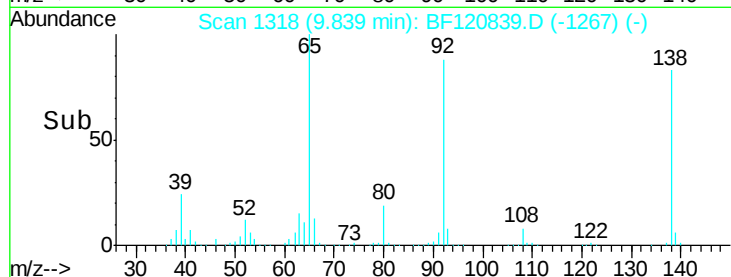
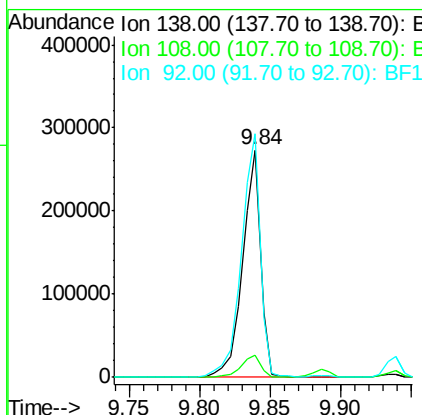
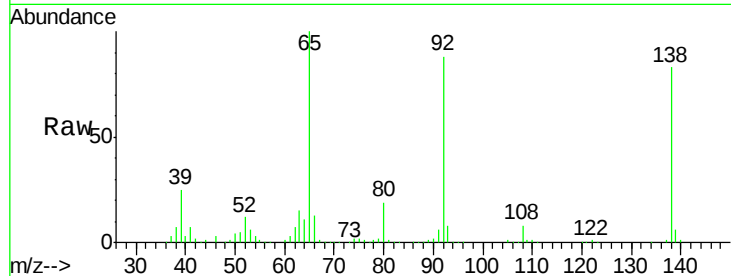
#53
3-Nitroaniline
Concen: 35.454 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	107.1	93.4	140.2

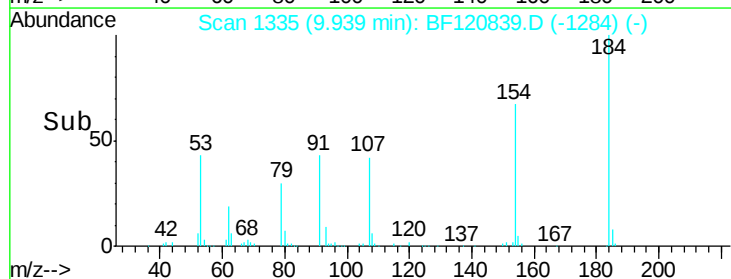
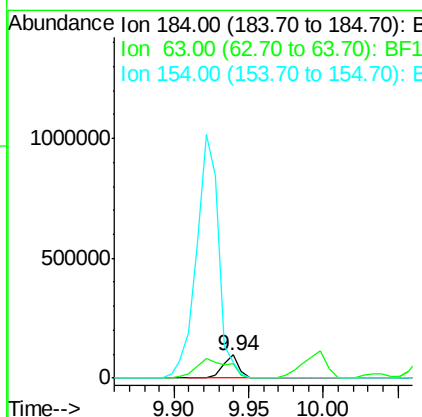
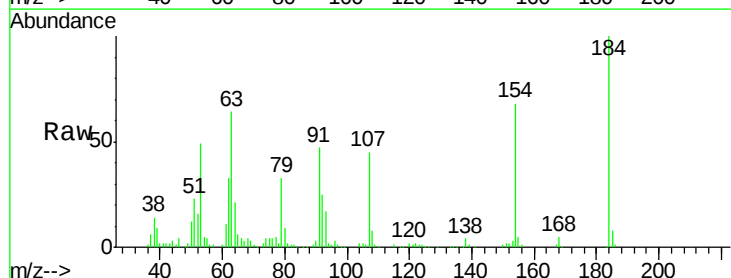
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#54
2,4-Dinitrophenol
Concen: 37.665 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	57.3	85.9
154	67.6	55.8	83.6





#55

Dibenzenofuran

Concen: 42.499 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:168 Resp: 1512848

Ion Ratio Lower Upper

168 100

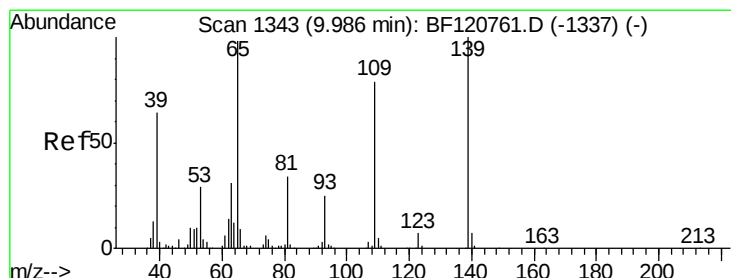
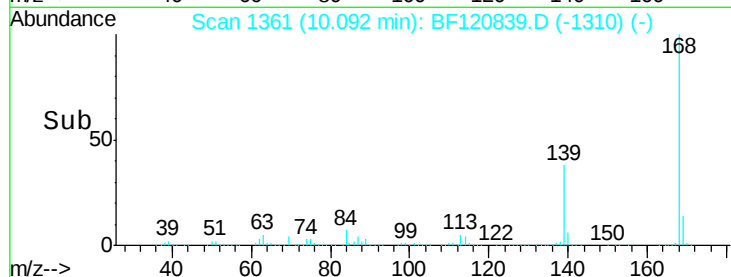
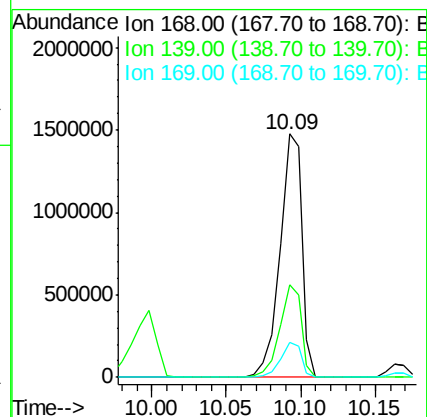
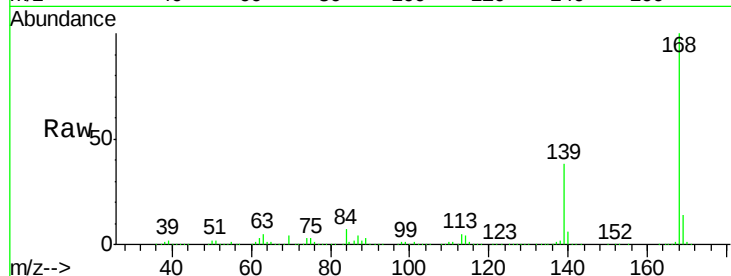
139 38.1 31.3 46.9

169 14.3 11.2 16.8

Manual Integrations
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#56

4-Nitrophenol

Concen: 84.947 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

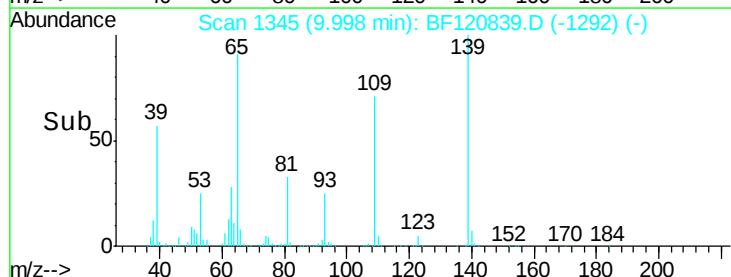
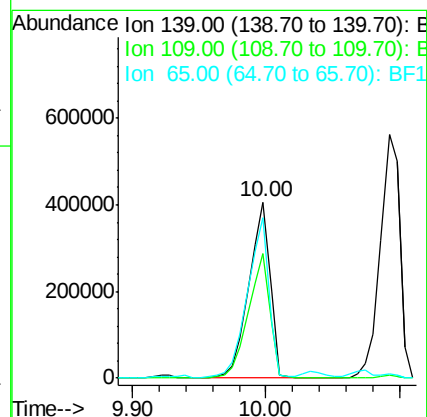
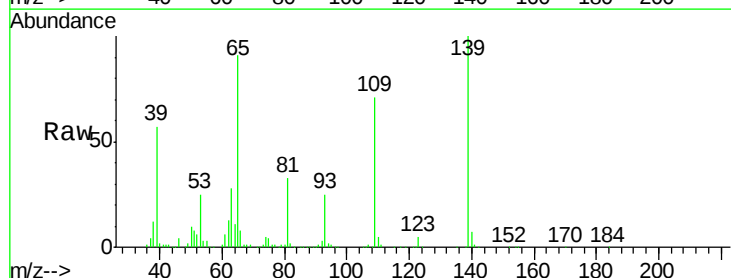
Tgt Ion:139 Resp: 447216

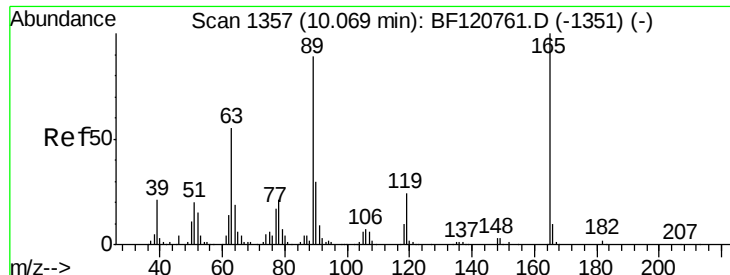
Ion Ratio Lower Upper

139 100

109 70.8 58.6 98.6

65 91.4 78.7 118.7





#57

2,4-Dinitrotoluene

Concen: 50.488 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:165 Resp: 359450
Ion Ratio Lower Upper

165 100

63 42.5 43.8 65.8#

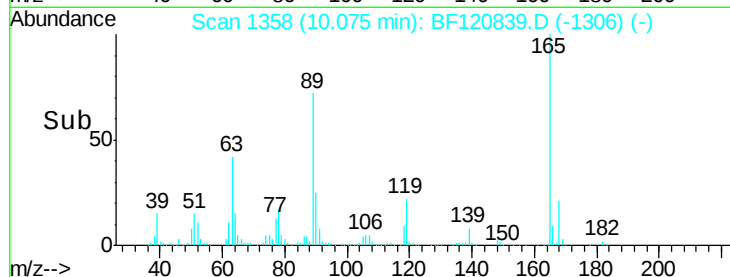
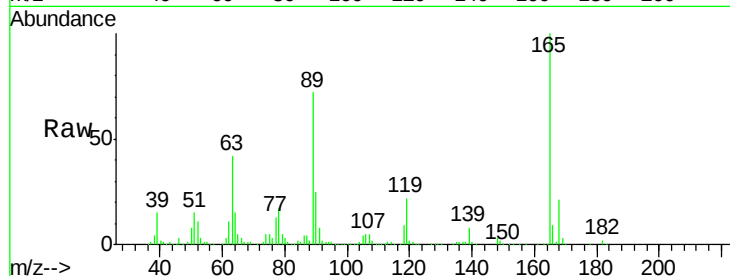
89 72.0 71.4 107.2

182 2.3 1.8 2.6

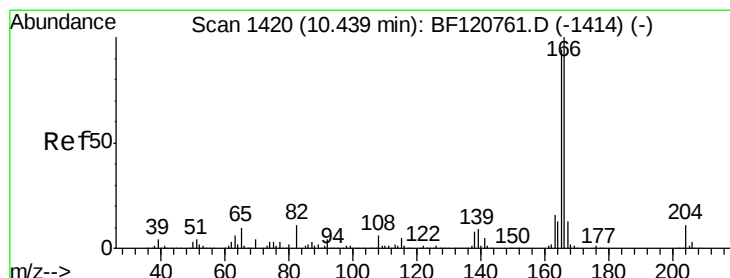
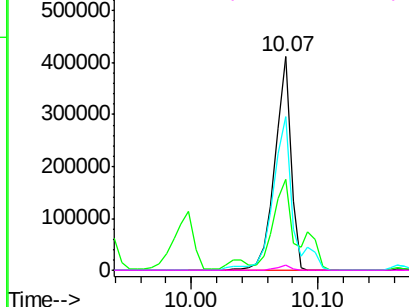
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.213 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120839.D

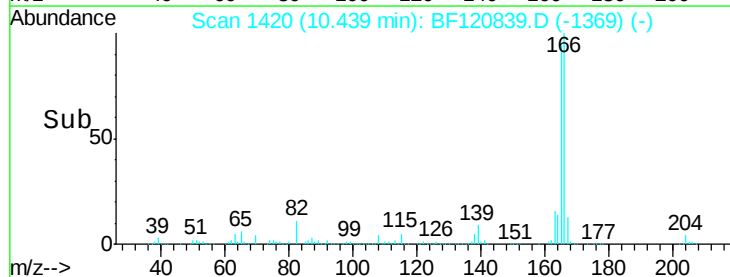
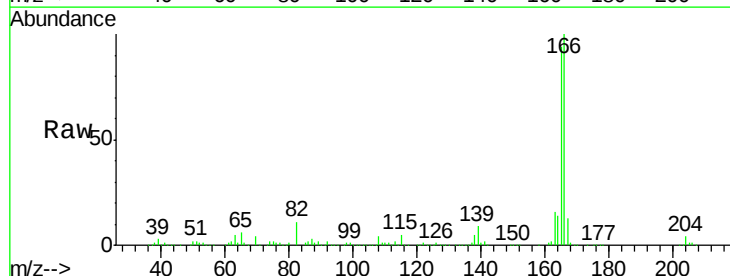
Acq: 10 Jul 2020 19:06

Tgt Ion:166 Resp: 1038992
Ion Ratio Lower Upper

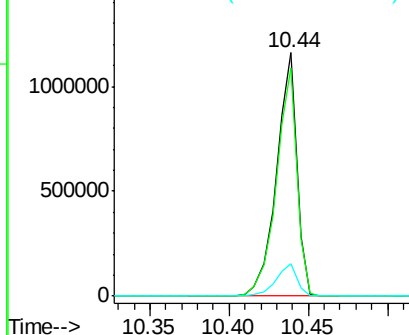
166 100

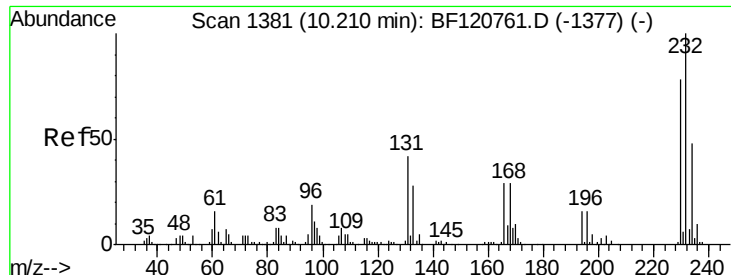
165 94.0 75.5 113.3

167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





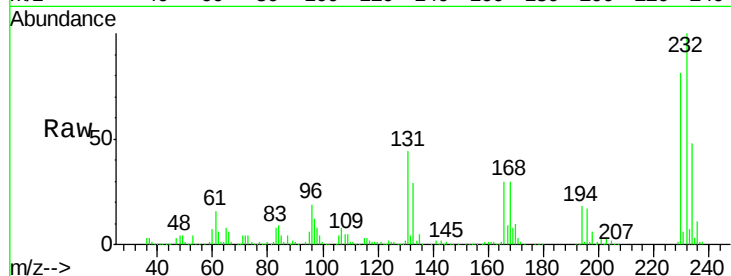
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.432 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	36.3	54.5
130	2.5	2.0	3.0
166	31.2	20.9	31.3

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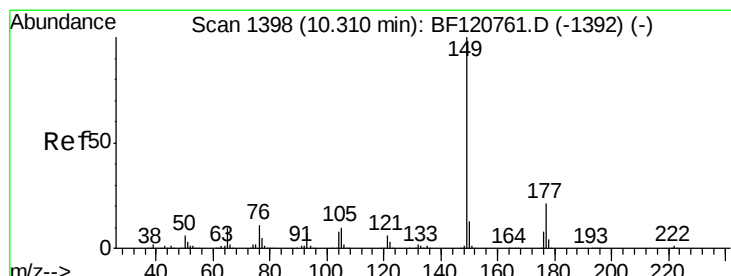
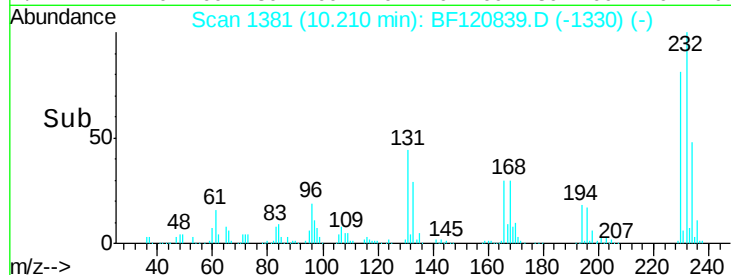
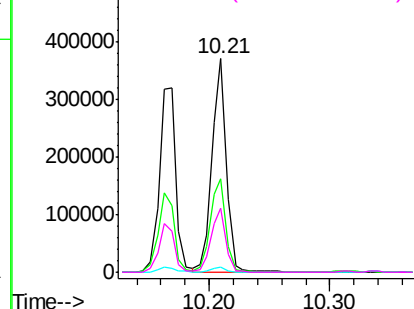
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

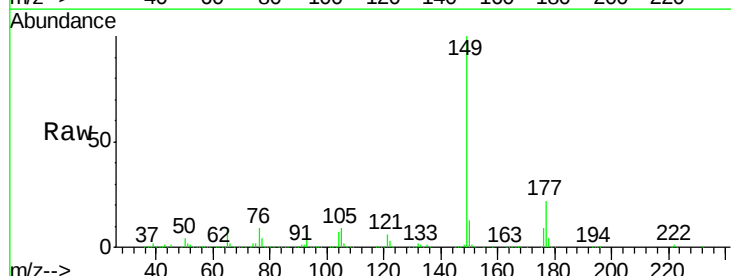
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.577 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.4	24.6
150	12.7	10.2	15.4

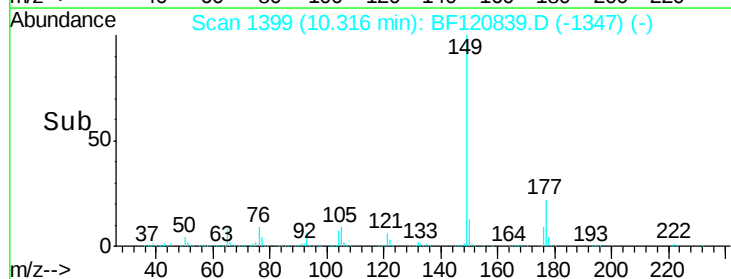
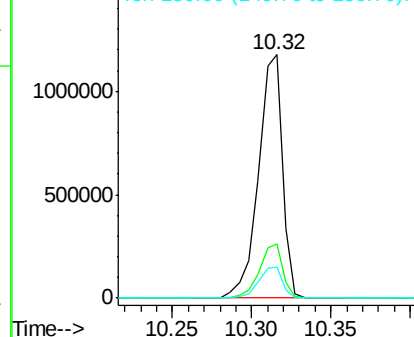


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





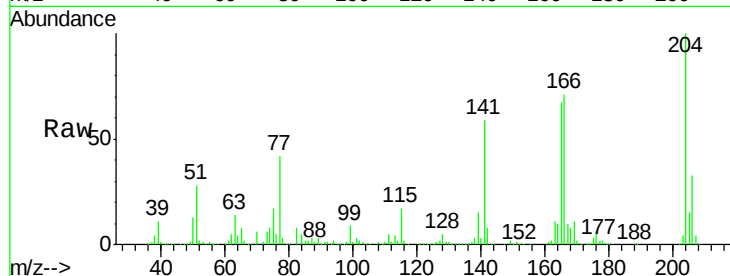
#61
4-Chlorophenyl-phenylether
Concen: 37.506 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

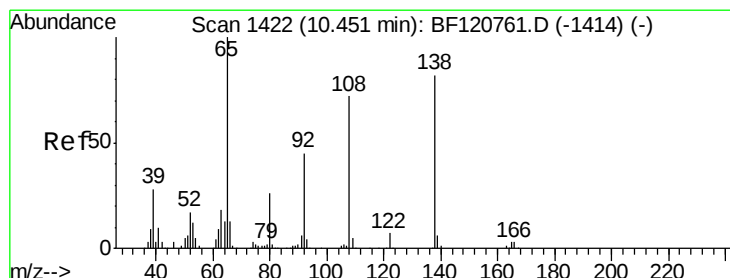
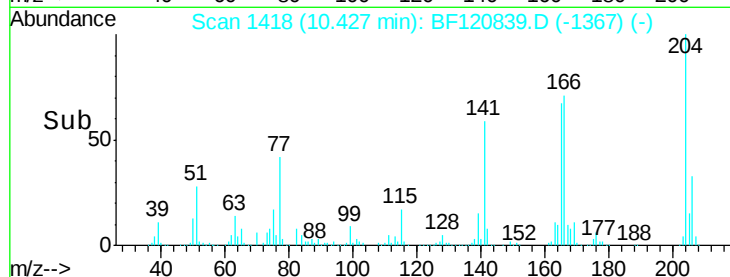
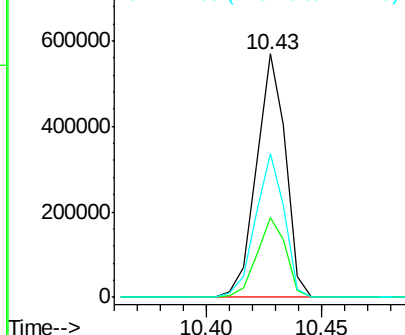
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	59.1	48.5	72.7

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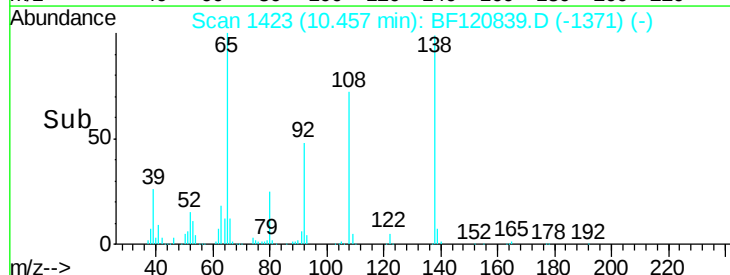
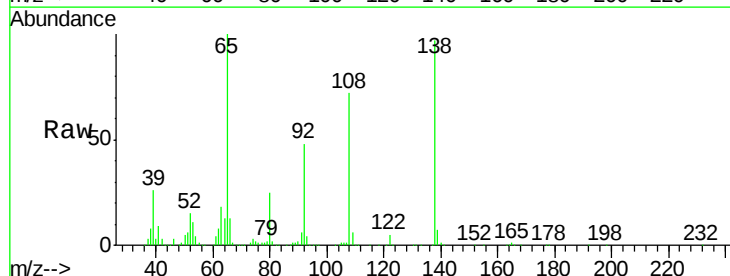
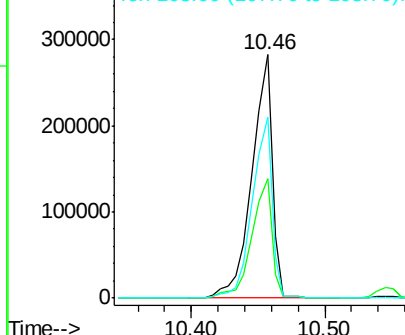
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.367 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	34.3	74.3
108	74.1	68.3	108.3

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





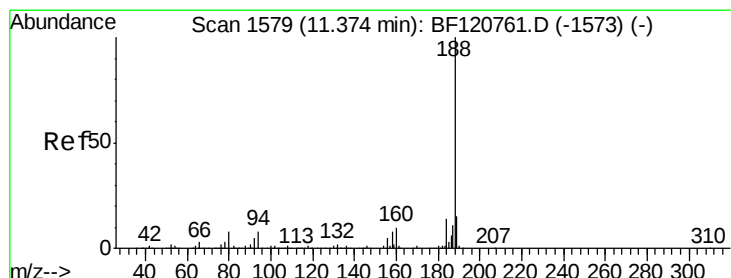
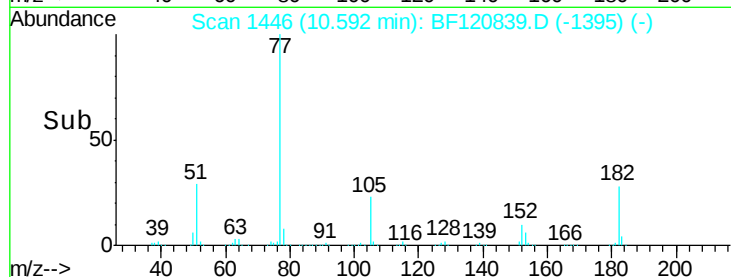
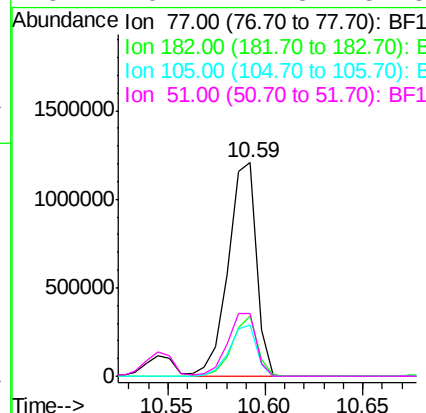
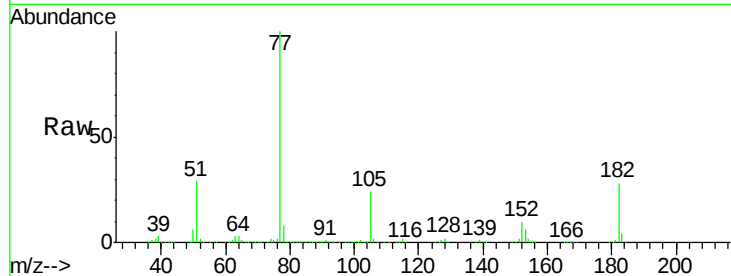
#63
Azobenzene
Concen: 39.471 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	4.0	44.0	
105	24.0	2.6	42.6	
51	29.2	11.5	51.5	

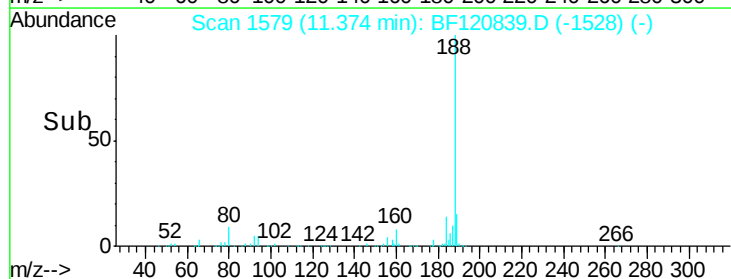
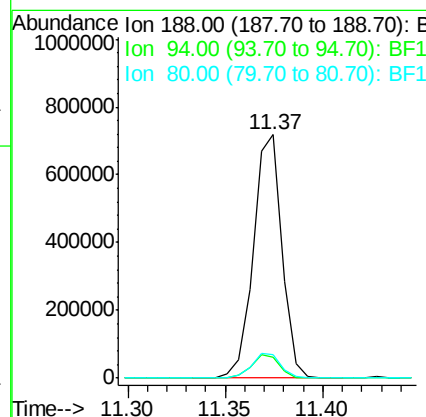
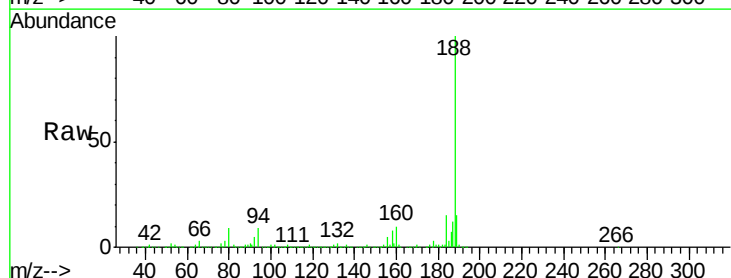
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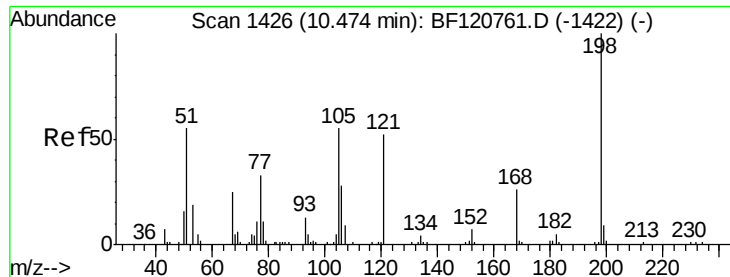
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	6.6	9.8	
80	9.5	6.6	10.0	





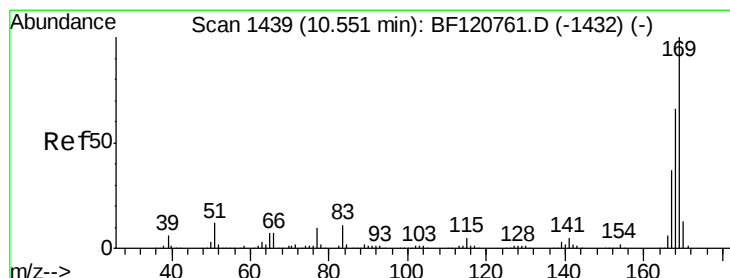
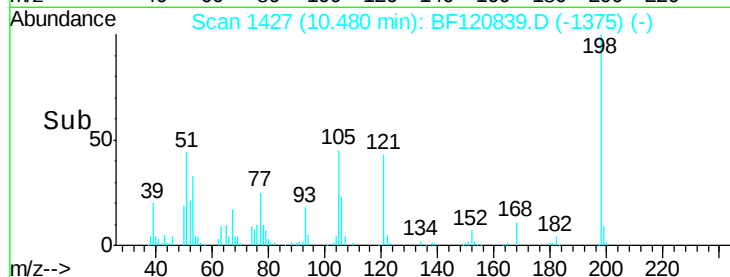
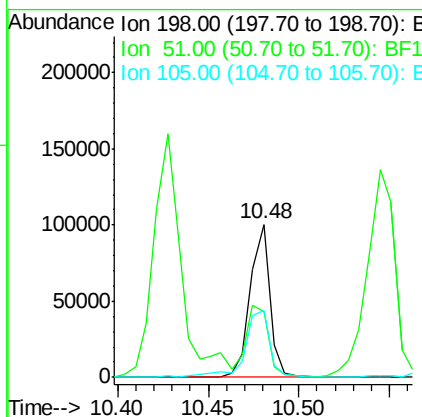
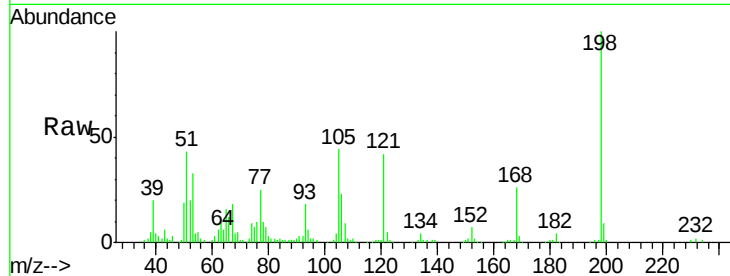
#65
4,6-Dinitro-2-methylphenol
Concen: 28.481 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	50.0	90.0#
105	43.5	38.3	78.3

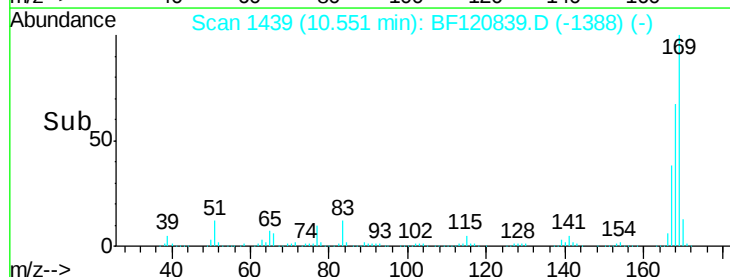
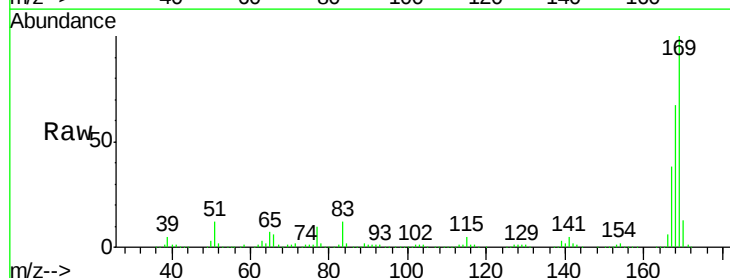
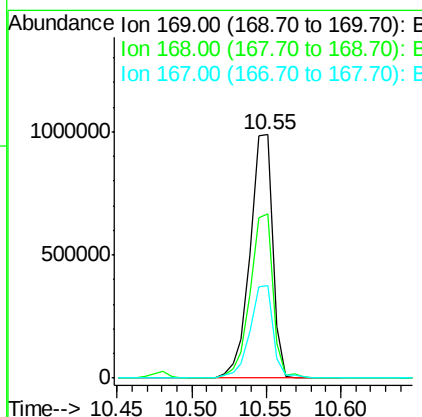
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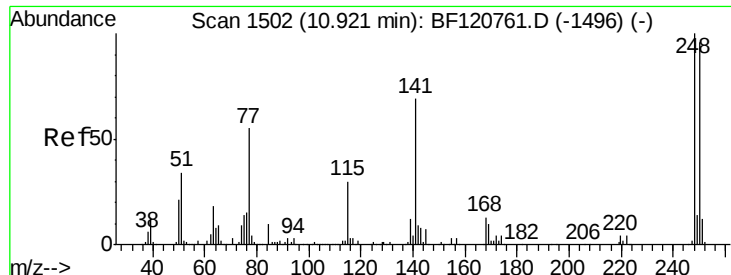
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.475 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.1	79.7
167	37.9	29.6	44.4





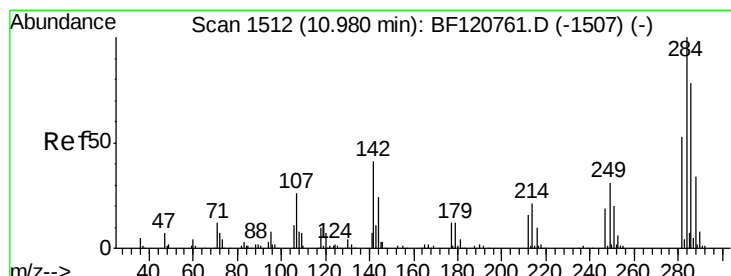
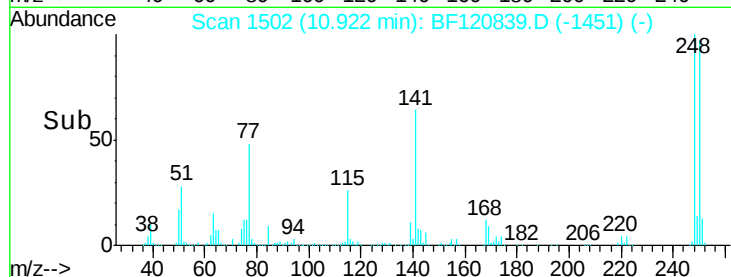
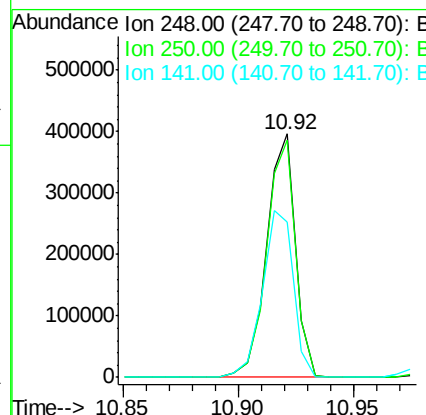
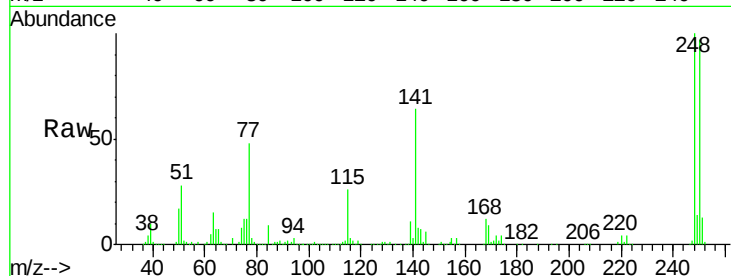
#67
4-Bromophenyl-phenylether
Concen: 40.987 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampled :
MH1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.5	114.7
141	63.6	54.9	82.3

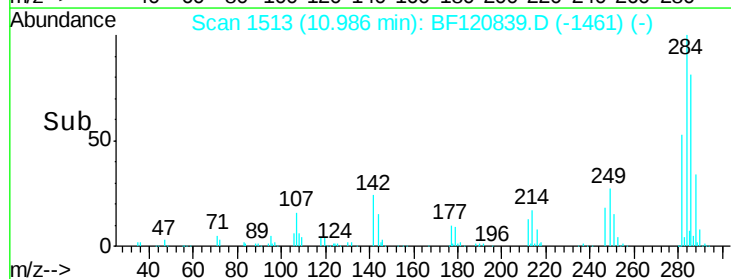
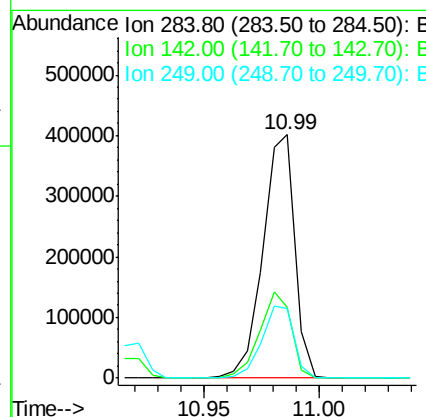
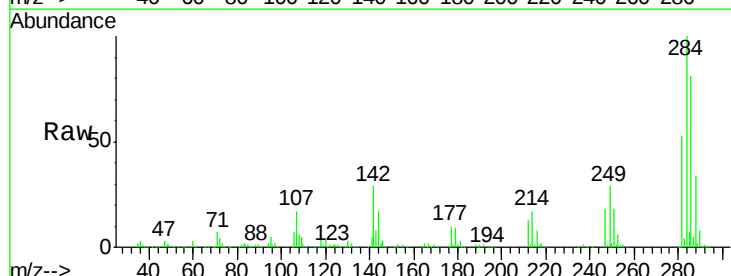
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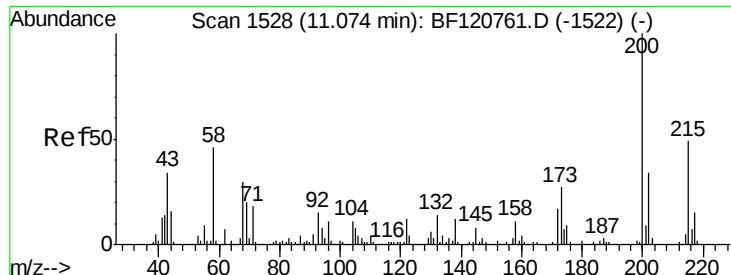
mohammad
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#68
Hexachlorobenzene
Concen: 43.714 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	32.5	48.7#
249	28.5	24.8	37.2





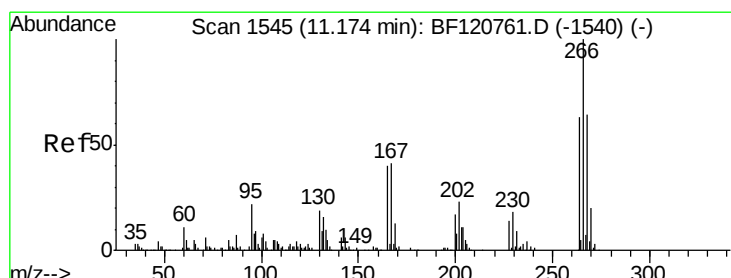
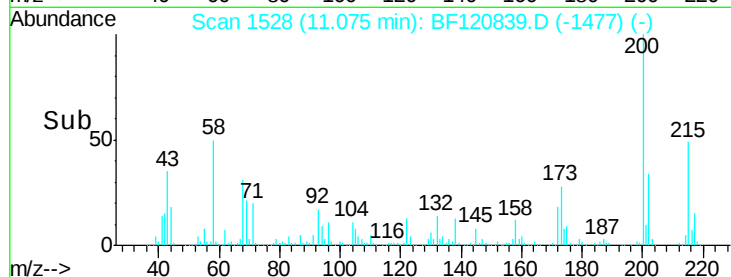
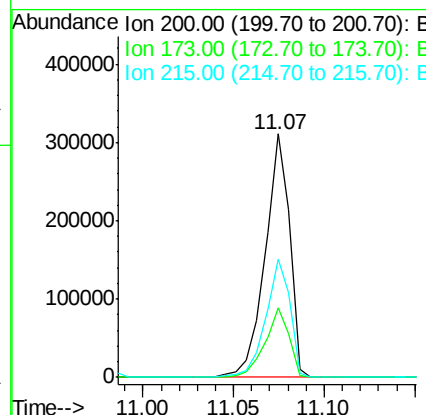
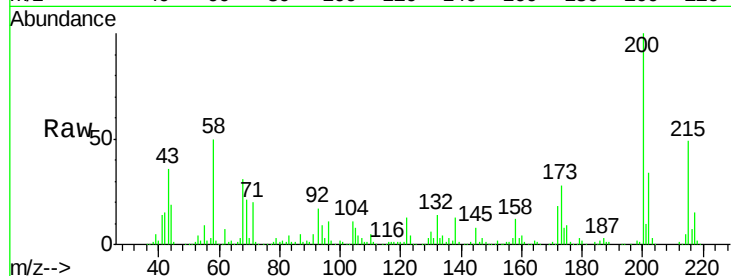
#69
Atrazine
Concen: 46.637 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.4	47.4
215	48.8	28.8	68.8

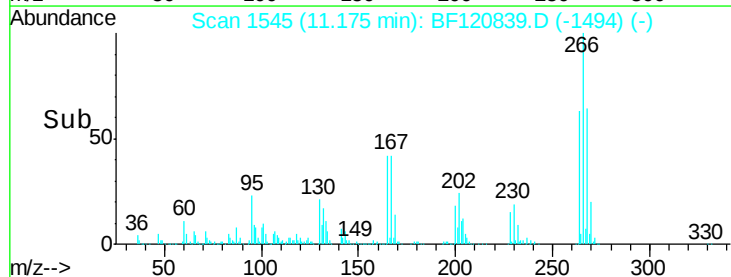
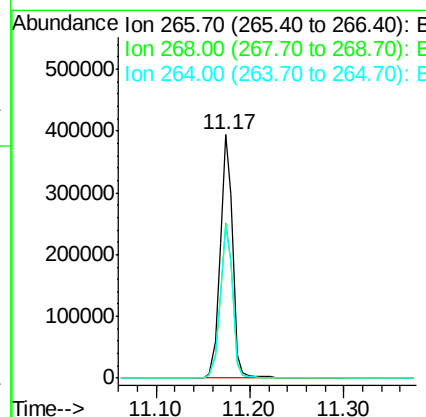
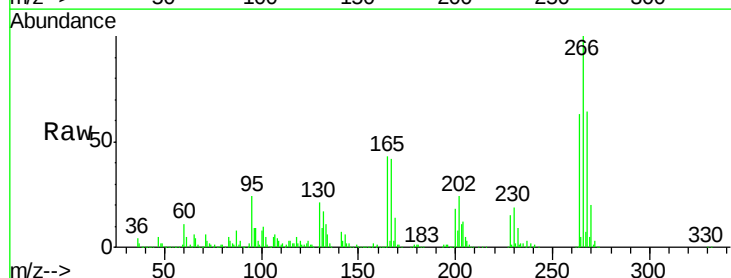
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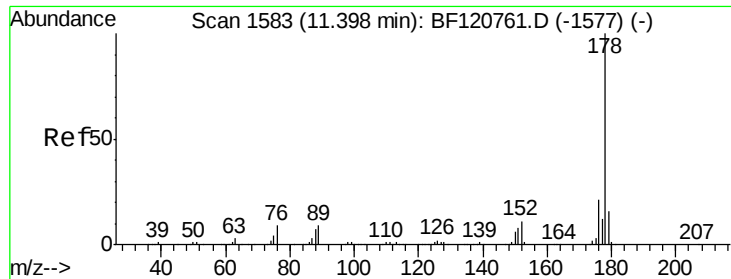
mohammad
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#70
Pentachlorophenol
Concen: 74.002 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.4	77.2
264	62.7	50.6	75.8





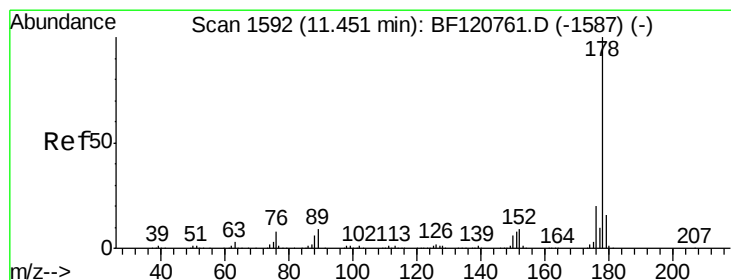
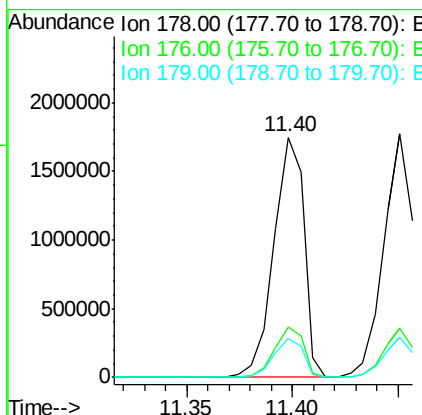
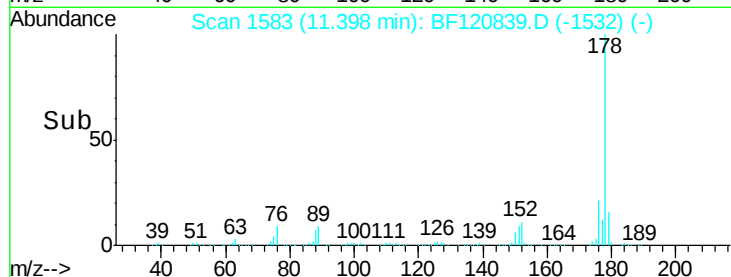
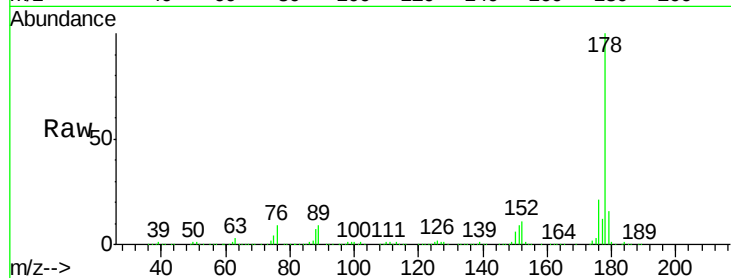
#71
Phenanthrene
Concen: 44.419 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.4	24.6
179	16.3	12.9	19.3

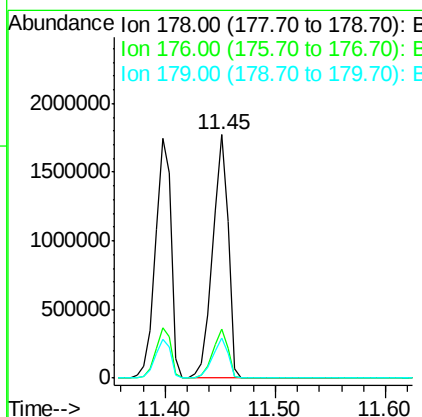
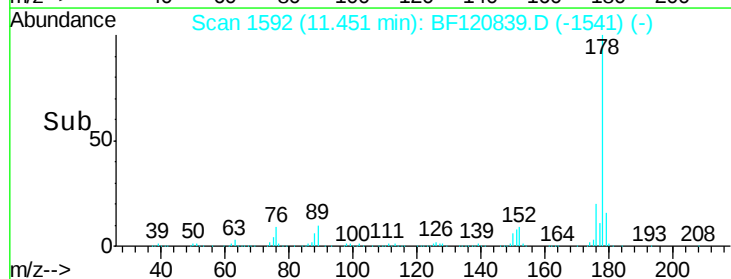
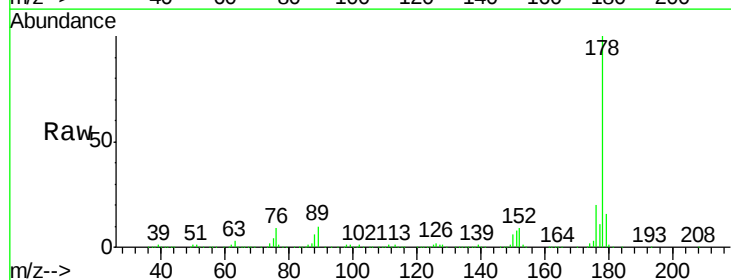
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#72
Anthracene
Concen: 42.855 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.3	12.7	19.1





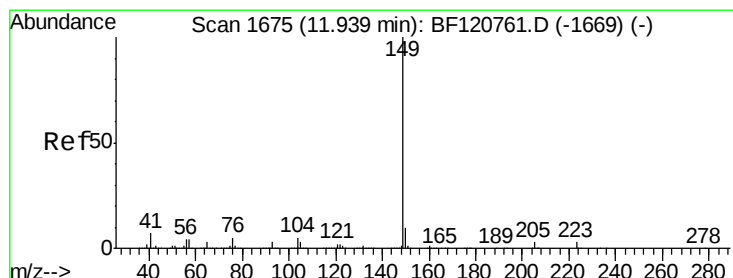
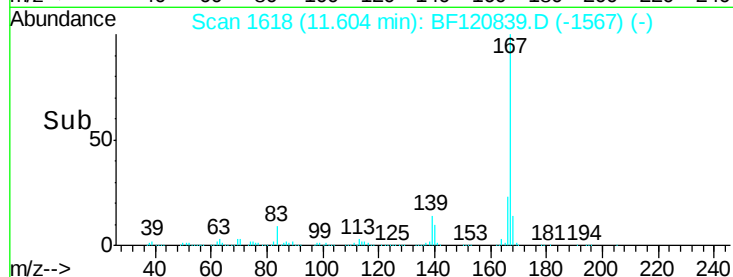
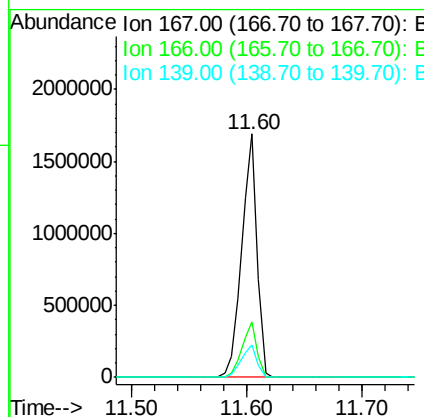
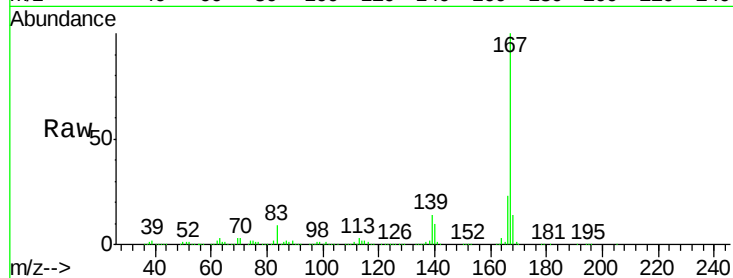
#73
 Carbazole
 Concen: 40.598 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:167 Resp: 1551248
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.8
 139 13.5 10.7 16.1

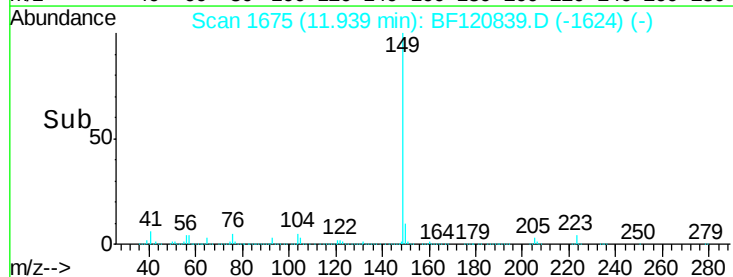
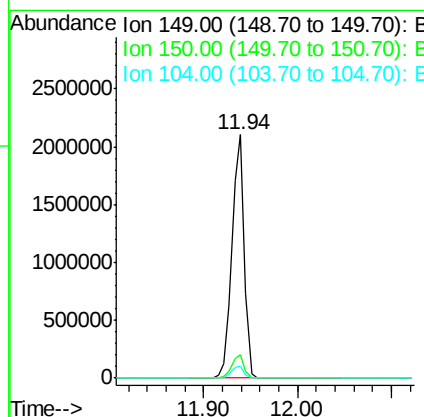
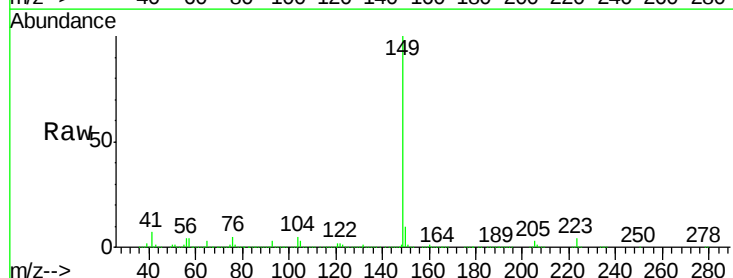
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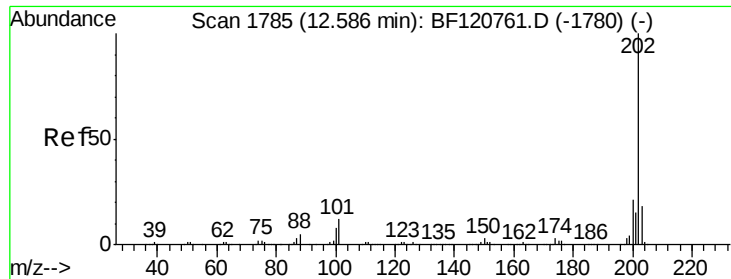
mohammad
 7/13/2020 1:04:50 PM



#74
 Di-n-butylphthalate
 Concen: 40.050 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:149 Resp: 1894602
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 49.073 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

Tot Ion:202 Resp: 2056990

Ion Ratio Lower Upper

202 100

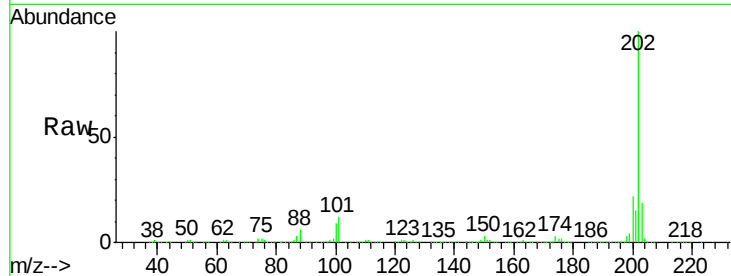
101 12.1 0.0 31.6

203 18.6 0.0 38.2

Manual Integrations
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mohammad

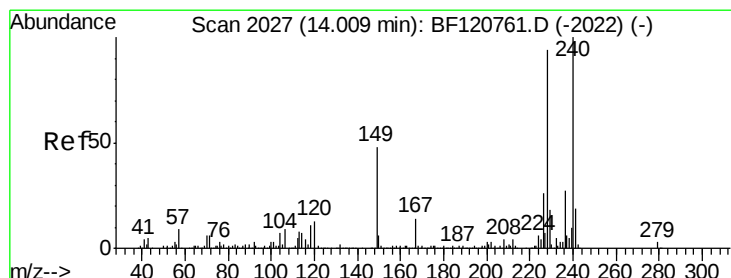
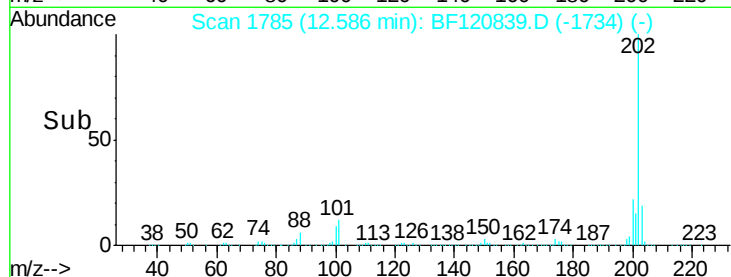
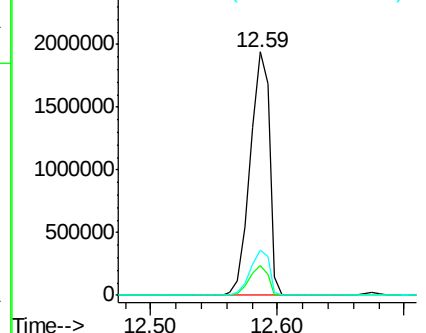
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

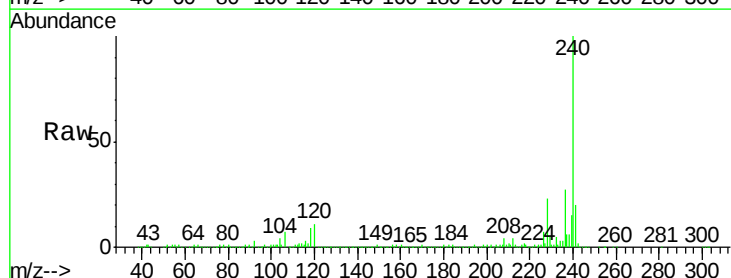
Tgt Ion:240 Resp: 512705

Ion Ratio Lower Upper

240 100

120 10.7 10.3 15.5

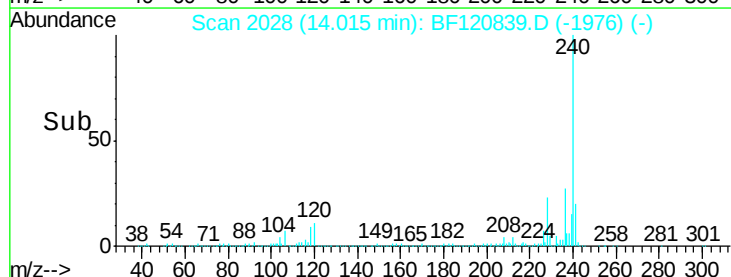
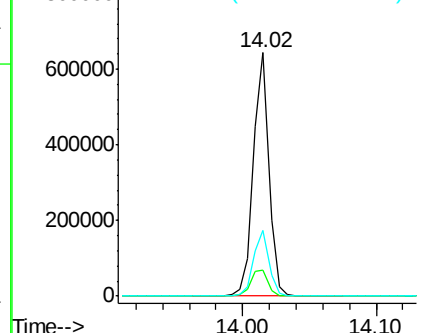
236 26.8 21.4 32.2

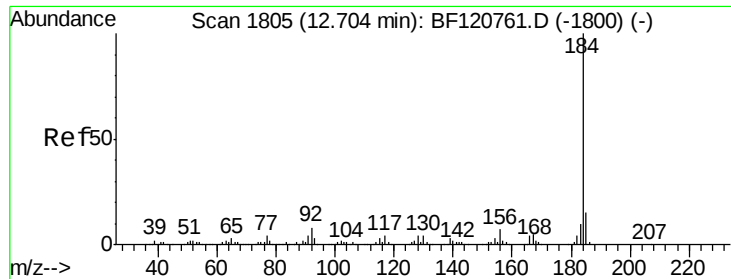


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.280 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

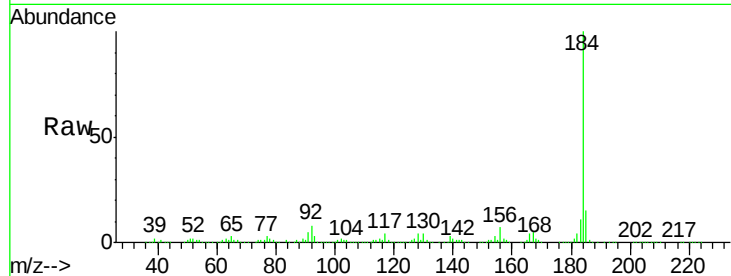
ClientSampleId :

MH1MS

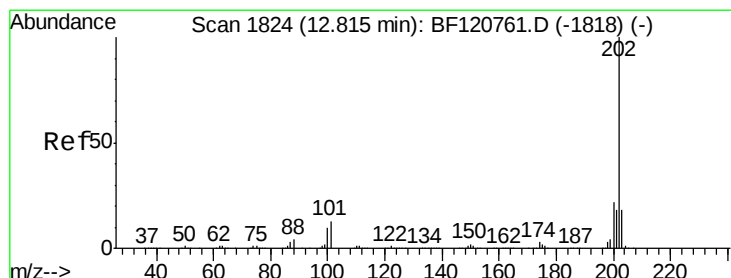
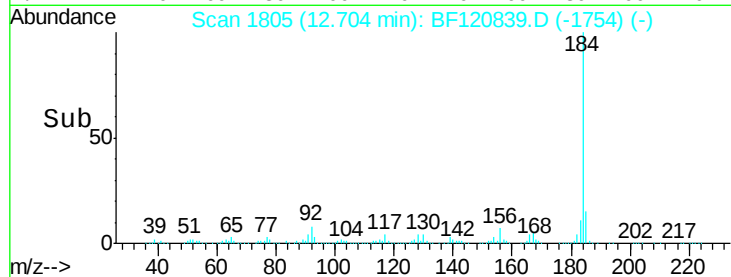
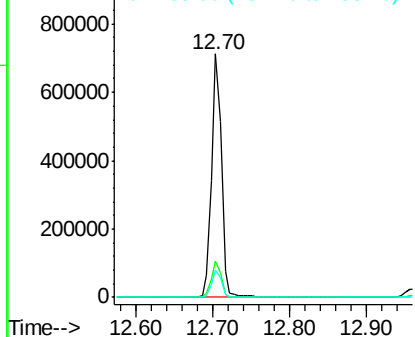
Tot Ion:	184	Resp:	626323
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.8	17.8
183	11.1	8.3	12.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.818 ng

RT: 12.82 min Scan# 1824

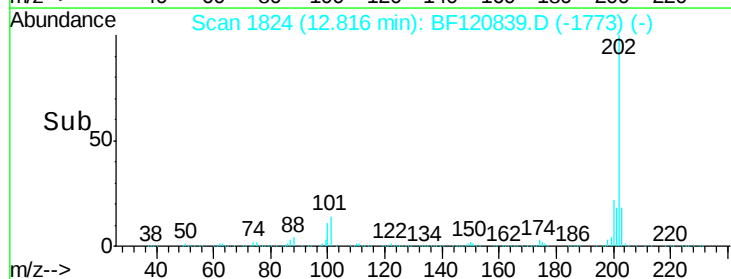
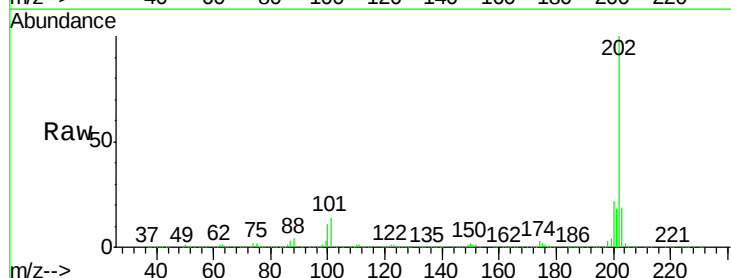
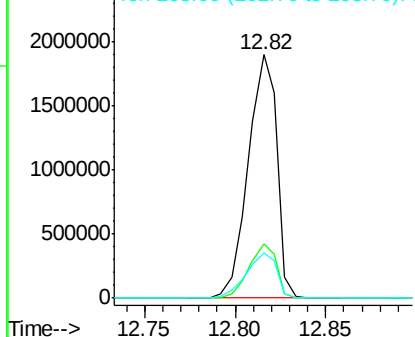
Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Tgt Ion:	202	Resp:	2080873
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.3	25.9
203	18.5	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.859 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:244 Resp: 1907947

Ion Ratio Lower Upper

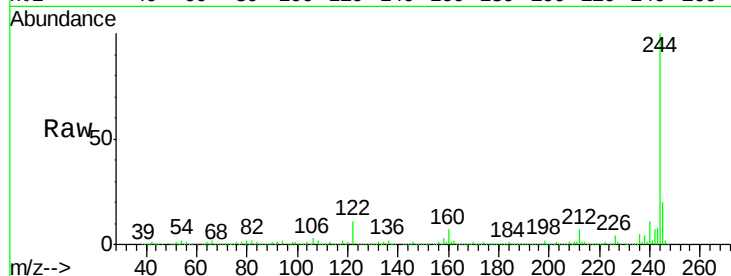
244 100

212 7.0 5.6 8.4

122 10.5 9.0 13.4

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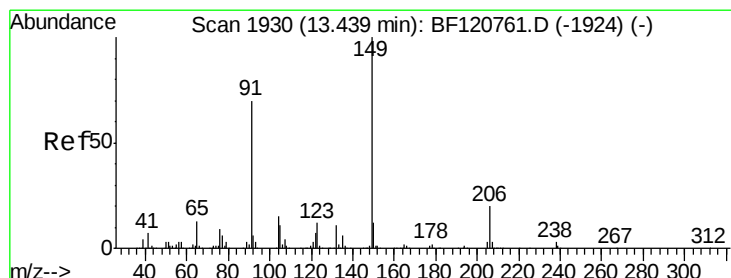
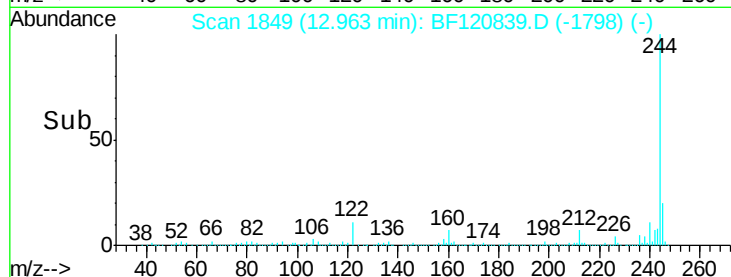
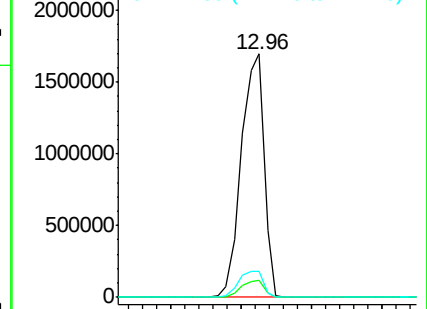
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.112 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

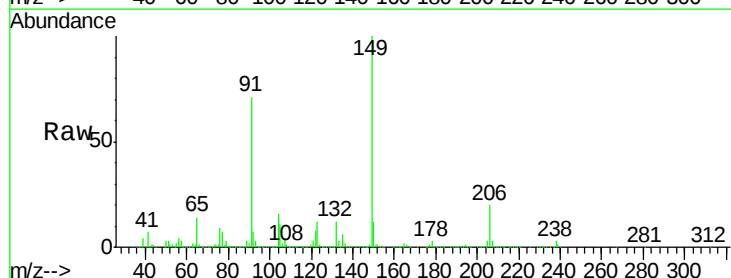
Tgt Ion:149 Resp: 832861

Ion Ratio Lower Upper

149 100

91 71.4 55.8 83.8

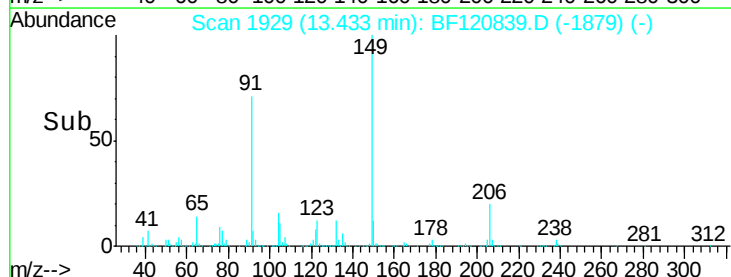
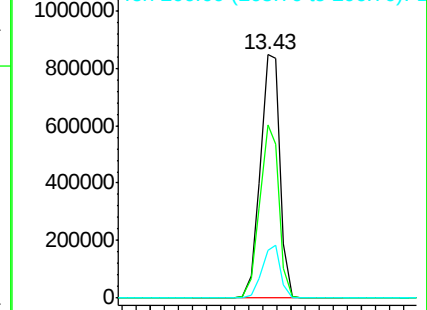
206 19.6 15.7 23.5

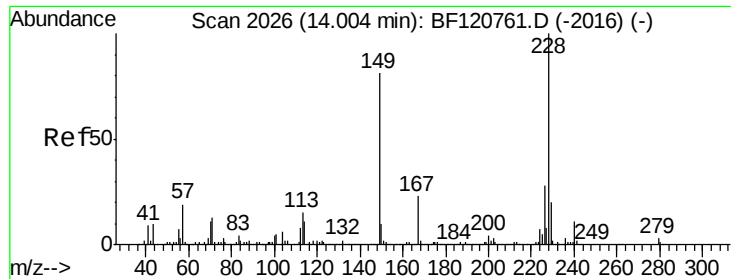


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.680 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampleId :

MH1MS

Tot Ion:228 Resp: 1435564

Ion Ratio Lower Upper

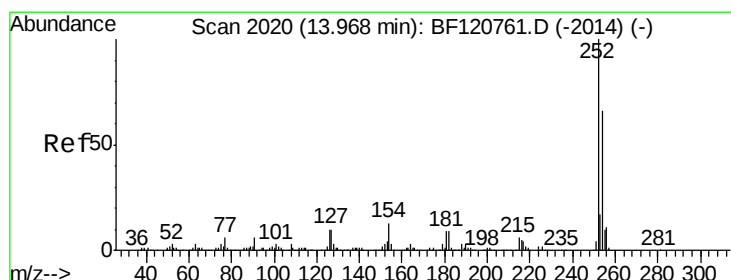
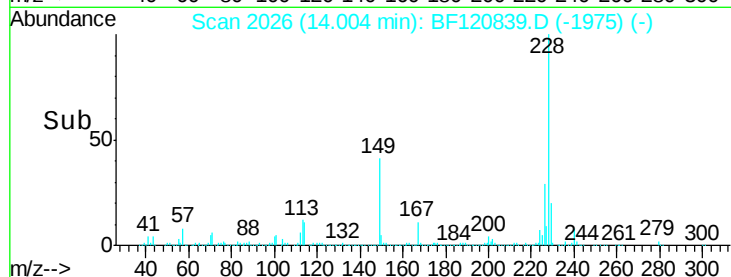
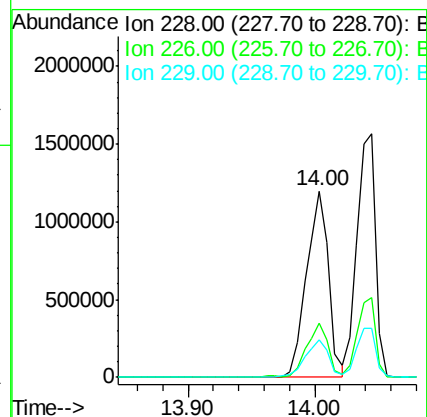
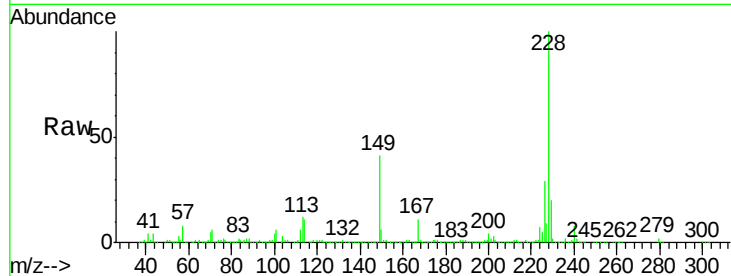
228 100

226 29.1 22.6 33.8

229 20.2 15.8 23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.751 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

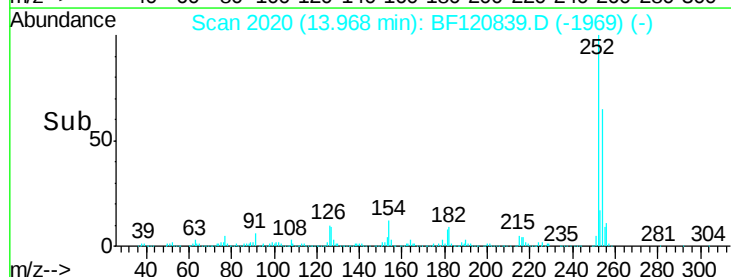
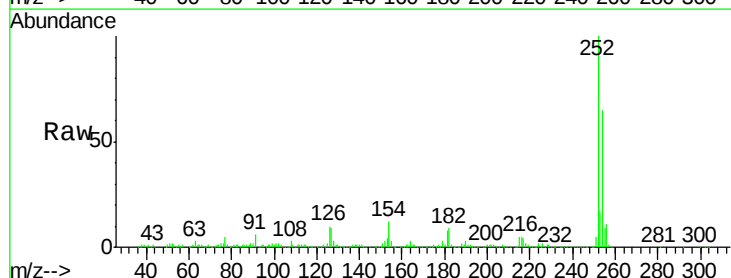
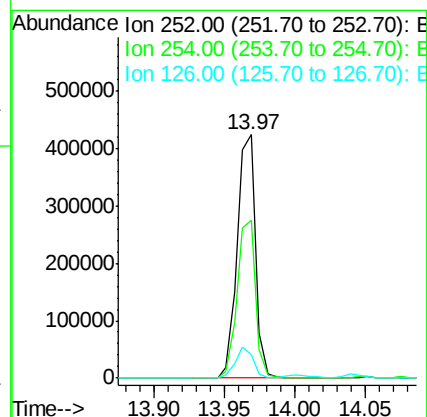
Tgt Ion:252 Resp: 385418

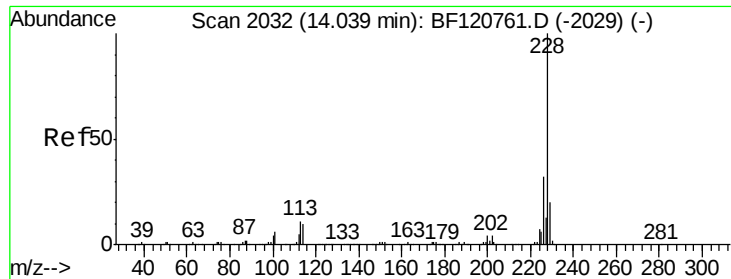
Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

126 9.7 7.8 11.8





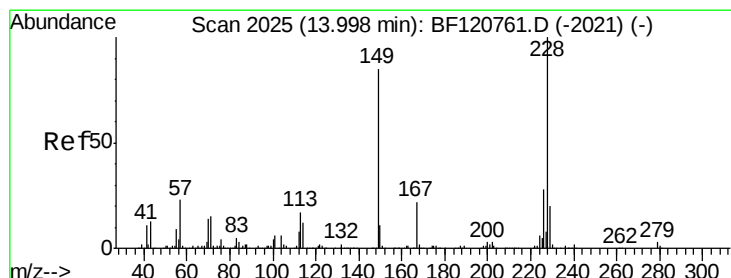
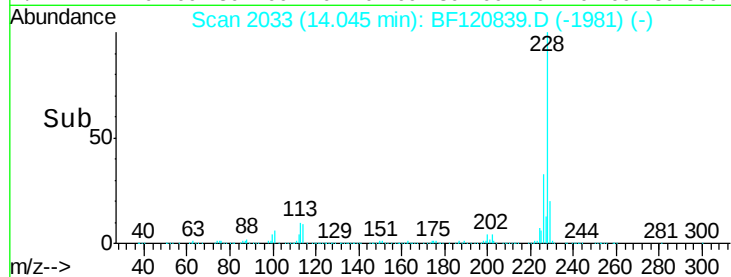
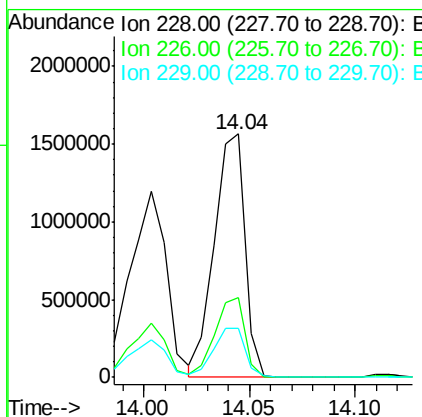
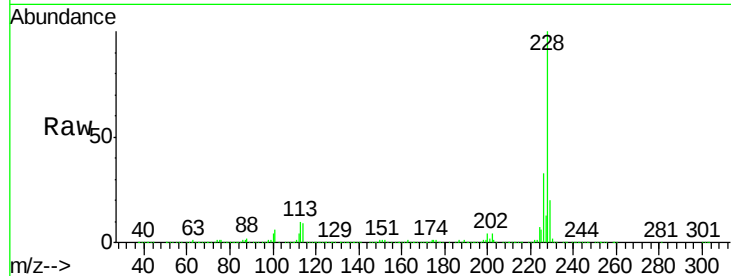
#83
 Chrvsene
 Concen: 47.047 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion:228 Resp: 1577153
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.7 38.5
 229 20.4 16.3 24.5

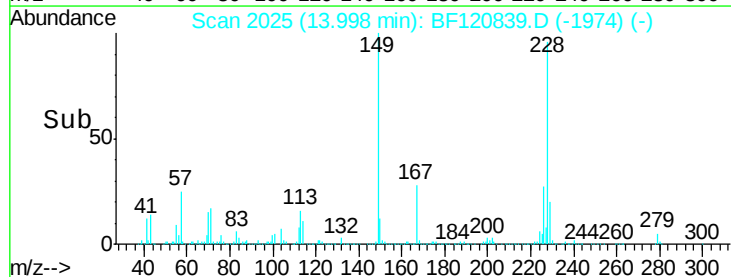
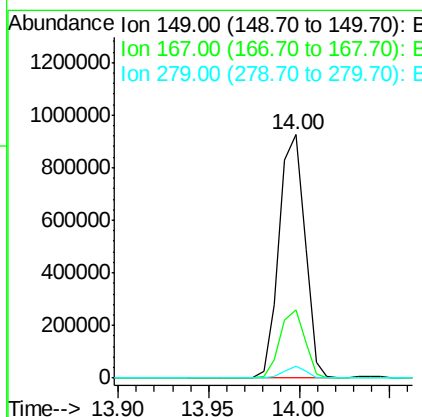
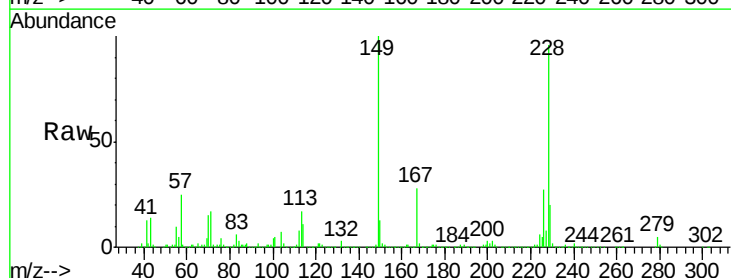
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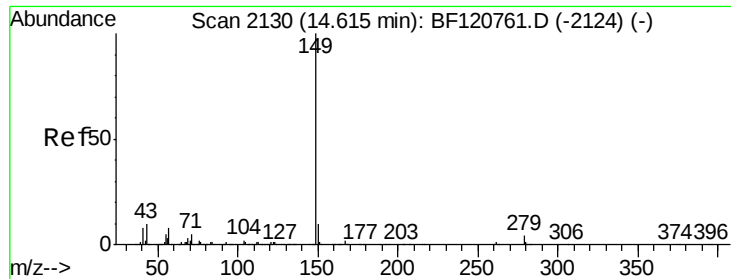
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.858 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion:149 Resp: 924016
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.9 31.3
 279 4.7 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 46.682 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

Instrument :

BNA_F

ClientSampled :

MH1MS

Tot Ion:149 Resp: 1914534

Ion Ratio Lower Upper

149 100

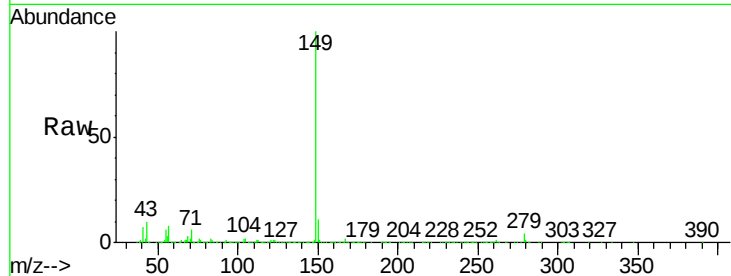
167 1.7 1.2 1.8

43 9.6 8.7 13.1

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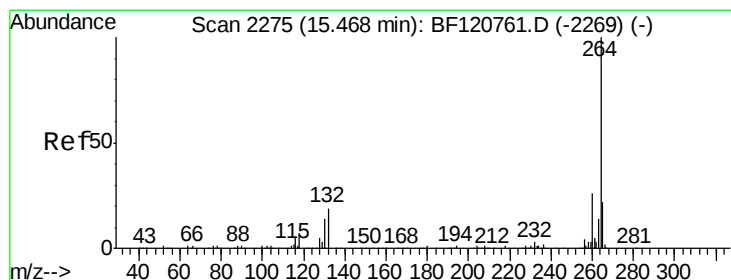
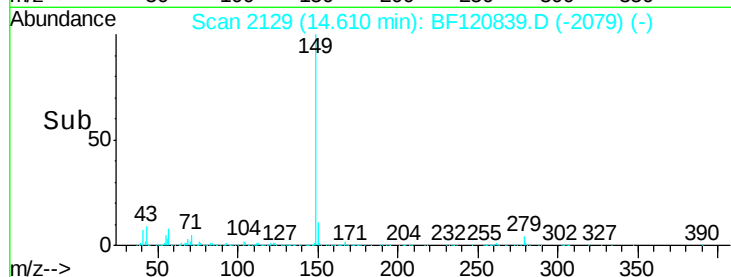
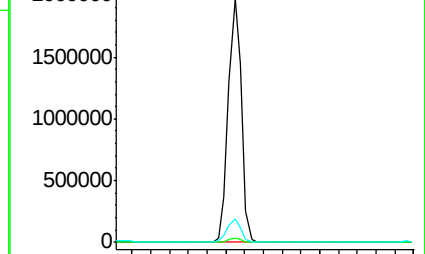
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120839.D

Acq: 10 Jul 2020 19:06

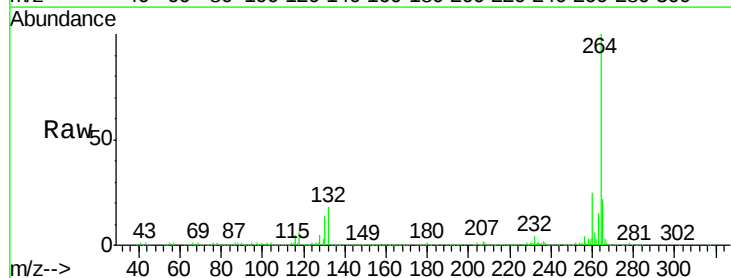
Tgt Ion:264 Resp: 429895

Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

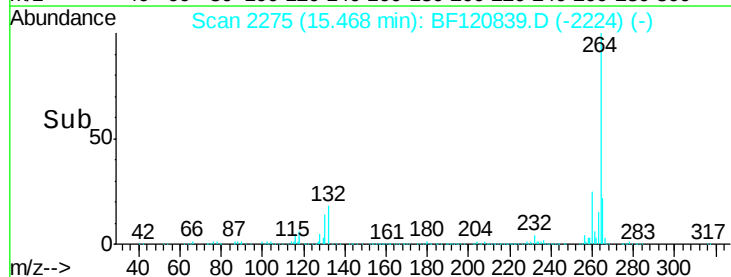
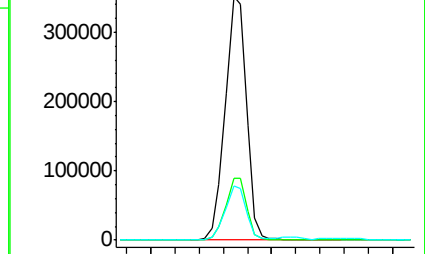
265 22.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





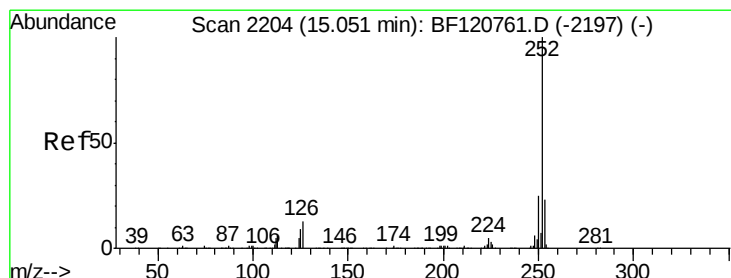
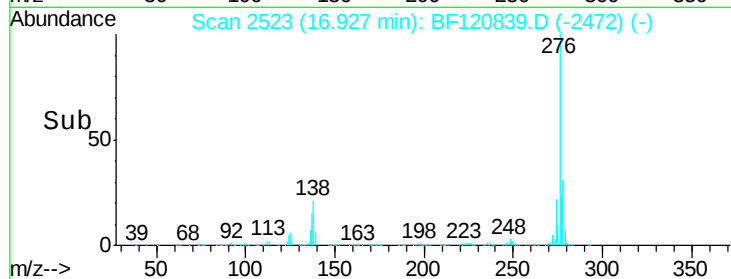
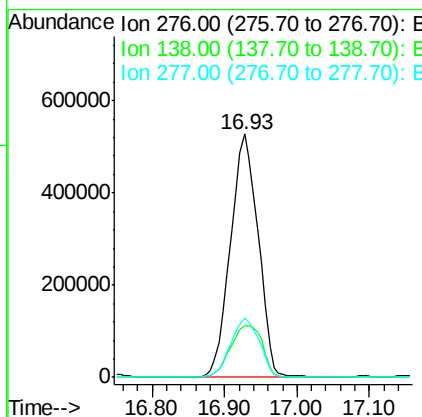
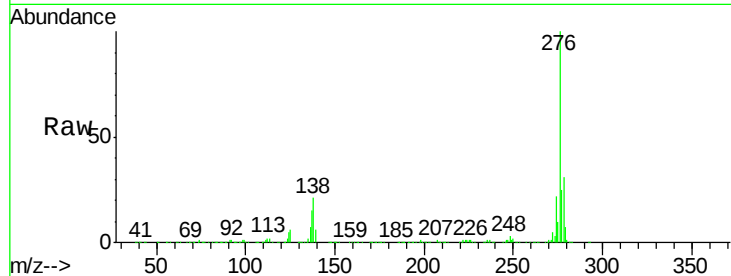
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.812 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 MH1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.8
277	25.2	19.9	29.9

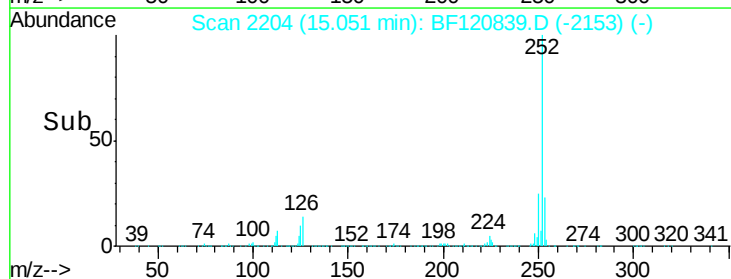
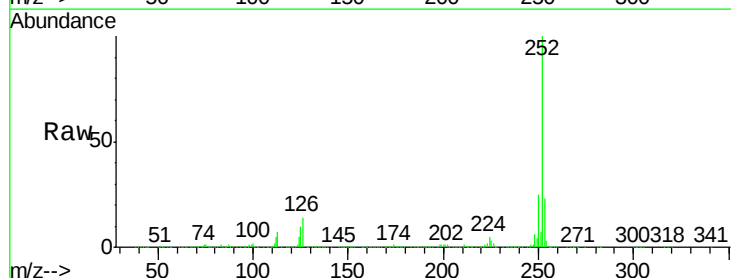
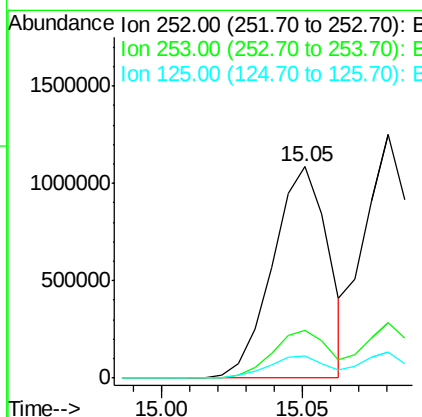
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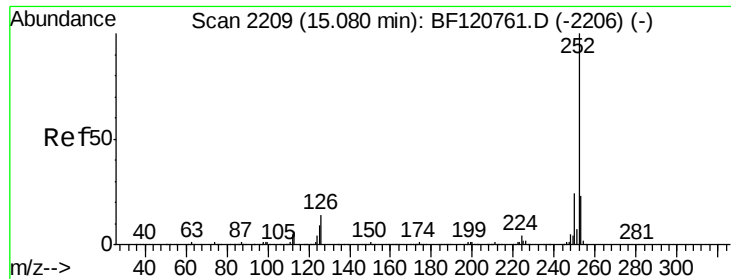
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 52.353 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120839.D
 Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.5	7.5	11.3





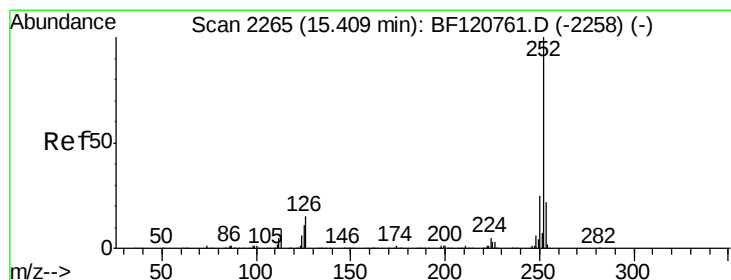
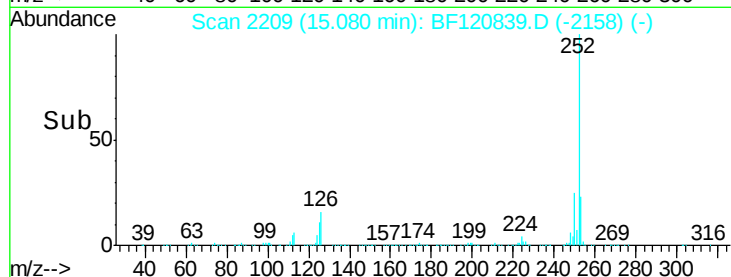
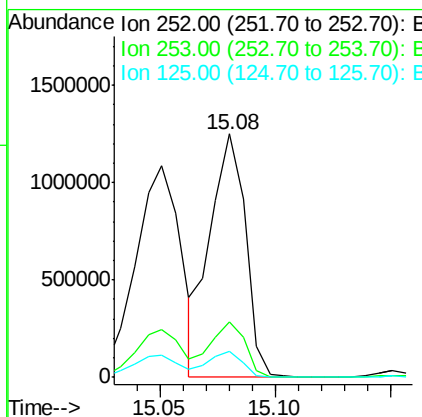
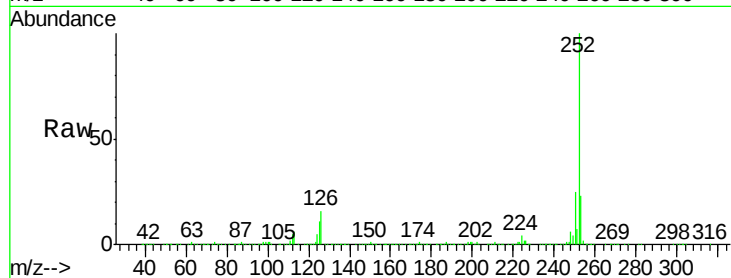
#89
Benzo(k)fluoranthene
Concen: 48.451 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.9	7.6	11.4

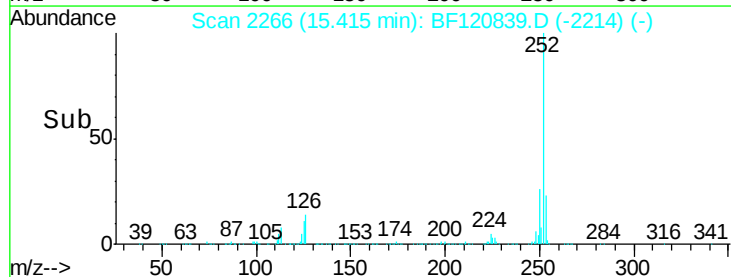
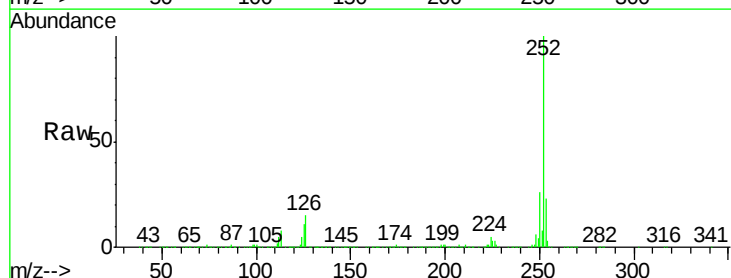
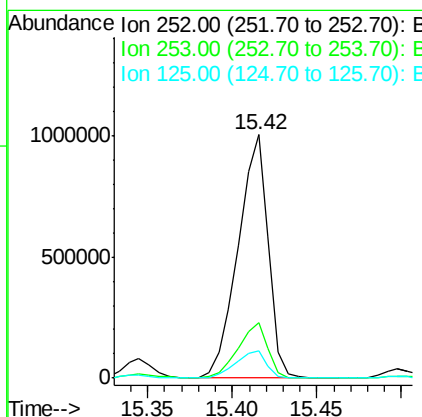
Manual Integrations
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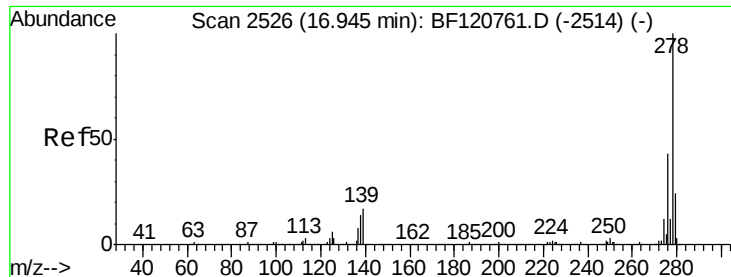
mohammad
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#90
Benzo(a)pyrene
Concen: 49.360 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.3	9.2	13.8





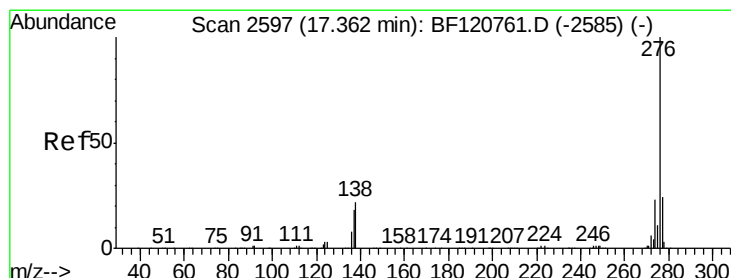
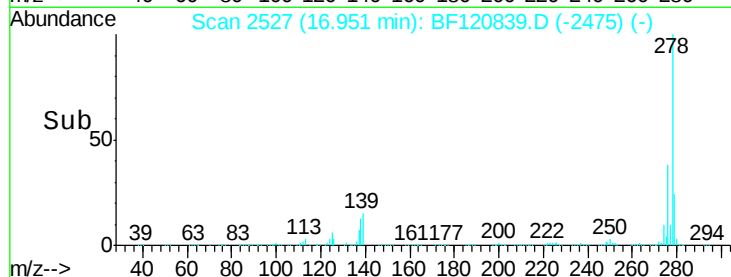
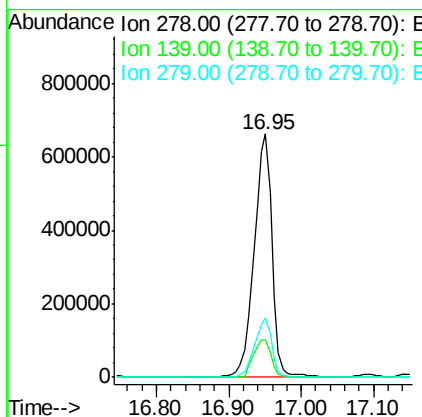
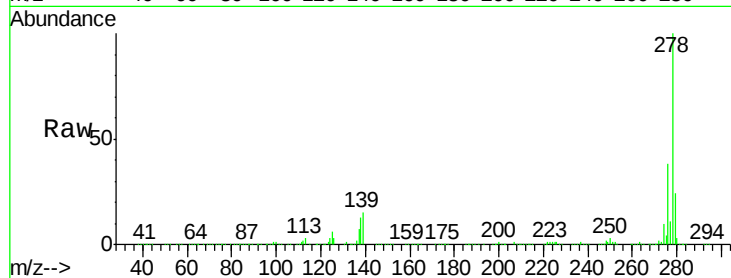
#91
Dibenzo(a,h)anthracene
Concen: 48.948 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Instrument :
BNA_F
ClientSampleId :
MH1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/13/2020 1:04:50 PM



#92
Benzo(g,h,i)perylene
Concen: 55.322 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF120839.D
Acq: 10 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.5	17.4	26.2

