

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121162.D
 Acq On : 31 Jul 2020 17:09
 Operator : JU/CG
 Sample : L3518-27MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Manual Integrations
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 8/3/2020 12:23:12 PM

Quant Time: Jul 31 18:10:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135325	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	516634	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	266891	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	496593	20.00	ng	0.00
76) Chrysene-d12	13.97	240	343787	20.00	ng	0.00
86) Perylene-d12	15.42	264	310728	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	552835	66.97	ng	0.00
7) Phenol-d6	6.44	99	683420	64.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	454354	50.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	193800	66.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	876852	49.05	ng	0.00
79) Terphenyl-d14	12.91	244	884288	55.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	161569	42.528	ng	99
3) Pyridine	3.29	79	358930	35.515	ng	98
4) n-Nitrosodimethylamine	3.25	42	181661	42.036	ng	98
6) Aniline	6.46	93	475148	34.137	ng	# 85
8) 2-Chlorophenol	6.59	128	411561	45.258	ng	96
9) Benzaldehyde	6.35	77	269626	59.198	ng	98
10) Phenol	6.45	94	479886	40.912	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	383849	42.700	ng	99
12) 1,3-Dichlorobenzene	6.74	146	419347	42.527	ng	98
13) 1,4-Dichlorobenzene	6.82	146	420951	42.931	ng	98
14) 1,2-Dichlorobenzene	6.97	146	405510	43.716	ng	98
15) Benzyl Alcohol	6.95	79	326906	43.352	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	511521	39.478	ng	98
17) 2-Methylphenol	7.06	107	323119	40.089	ng	100
18) Hexachloroethane	7.31	117	154844	43.632	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	239642	39.523	ng	96
20) 3+4-Methylphenols	7.21	107	362274	35.333	ng	90
22) Acetophenone	7.20	105	494531	42.651	ng	95
24) Nitrobenzene	7.38	77	405899	42.179	ng	100
25) Isophorone	7.62	82	738131	41.423	ng	98
26) 2-Nitrophenol	7.70	139	220858	48.324	ng	98
27) 2,4-Dimethylphenol	7.74	122	350668	47.257	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	473905	43.568	ng	100
29) 2,4-Dichlorophenol	7.95	162	326162	43.014	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	356775	42.409	ng	98
31) Naphthalene	8.10	128	1112674	41.986	ng	99
32) Benzoic acid	7.87	122	161018	28.906	ng	99
33) 4-Chloroaniline	8.15	127	350503	29.649	ng	99
34) Hexachlorobutadiene	8.22	225	204549	41.245	ng	99
35) Caprolactam	8.53	113	104530m	42.987	ng	
36) 4-Chloro-3-methylphenol	8.65	107	338297	43.501	ng	97
37) 2-Methylnaphthalene	8.79	142	755994	43.935	ng	100
38) 1-Methylnaphthalene	8.89	142	706262	43.337	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	342808	44.085	ng	100

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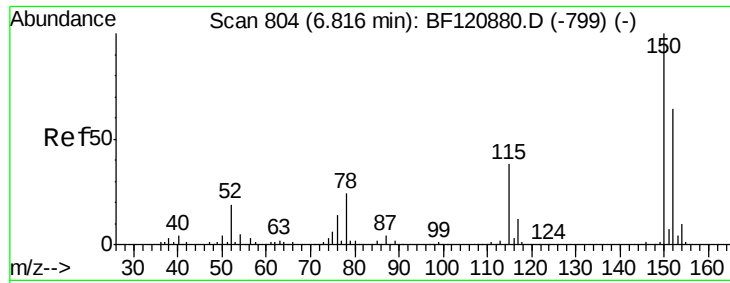
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	305369	71.055	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	237800	43.433	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	248403	39.997	ng	100
46) 1,1'-Biphenyl	9.26	154	893952	43.911	ng	99
47) 2-Chloronaphthalene	9.29	162	693554	41.785	ng	100
48) 2-Nitroaniline	9.39	65	216296	43.120	ng	93
49) Acenaphthylene	9.70	152	1113114	43.168	ng	99
50) Dimethylphthalate	9.56	163	897715	46.624	ng	99
51) 2,6-Dinitrotoluene	9.63	165	184012	44.483	ng	97
52) Acenaphthene	9.87	154	712053m	43.434	ng	
53) 3-Nitroaniline	9.79	138	148778	28.677	ng	98
54) 2,4-Dinitrophenol	9.91	184	132584	57.760	ng	98
55) Dibenzofuran	10.05	168	968544	40.854	ng	99
56) 4-Nitrophenol	9.97	139	276784	70.231	ng	97
57) 2,4-Dinitrotoluene	10.03	165	236282	43.496	ng	90
58) Fluorene	10.39	166	717919	40.603	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	203850	43.110	ng	99
60) Diethylphthalate	10.26	149	804121	41.289	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	347878	36.887	ng	97
62) 4-Nitroaniline	10.41	138	196500	38.882	ng	96
63) Azobenzene	10.54	77	750296	40.467	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	104981	37.445	ng	92
66) n-Nitrosodiphenylamine	10.50	169	685960	43.910	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	234139	42.289	ng	98
68) Hexachlorobenzene	10.94	284	264747	44.204	ng	97
69) Atrazine	11.03	200	194821	50.356	ng	99
70) Pentachlorophenol	11.14	266	254722	74.239	ng	98
71) Phenanthrene	11.35	178	1073774	42.043	ng	100
72) Anthracene	11.40	178	1122725	43.778	ng	99
73) Carbazole	11.56	167	1041404	40.918	ng	100
74) Di-n-butylphthalate	11.89	149	1228529	41.829	ng	99
75) Fluoranthene	12.54	202	1162027	41.048	ng	97
77) Benzidine	12.66	184	607101	67.166	ng	99
78) Pyrene	12.77	202	1181363	48.604	ng	100
80) Butylbenzylphthalate	13.39	149	520075	47.999	ng	97
81) Benzo(a)anthracene	13.96	228	918389	44.115	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	297770	37.913	ng	99
83) Chrysene	14.00	228	919267	42.019	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	667288	49.943	ng	99
85) Di-n-octyl phthalate	14.56	149	1115931	41.981	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	994961	46.042	ng	99
88) Benzo(b)fluoranthene	15.00	252	886275	47.186	ng	99
89) Benzo(k)fluoranthene	15.03	252	752234	43.915	ng	99
90) Benzo(a)pyrene	15.36	252	754653	44.038	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	811196	45.955	ng	99
92) Benzo(g,h,i)perylene	17.29	276	872510	50.130	ng	99

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



#1

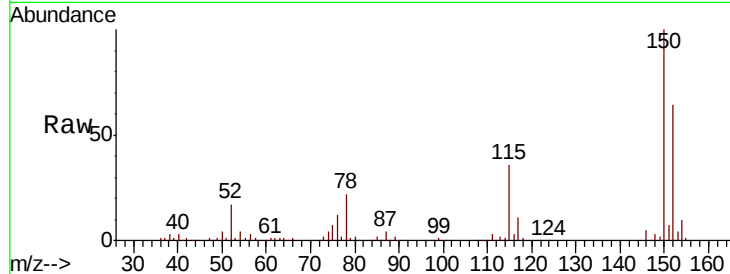
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.6	188.4
115	56.7	46.2	69.2

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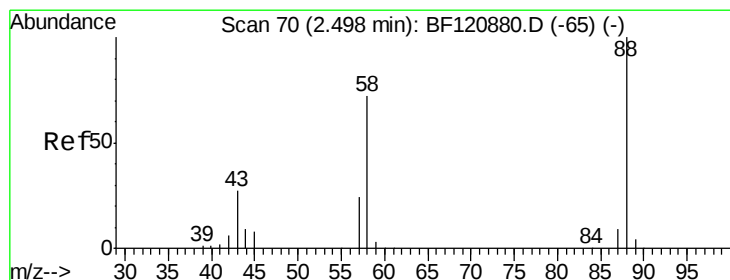
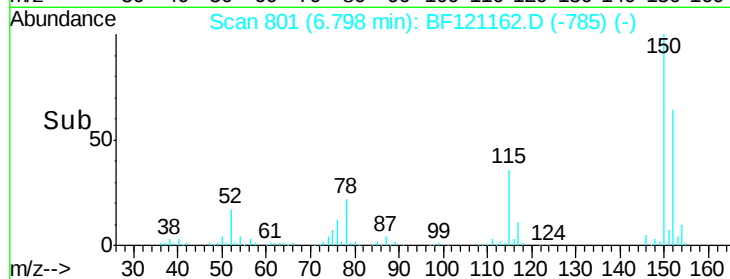
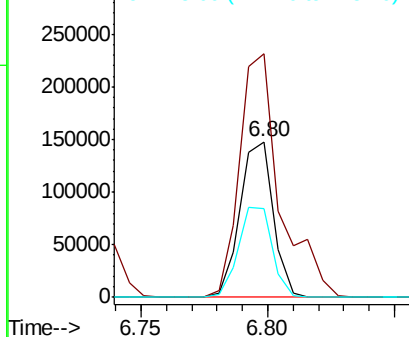


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

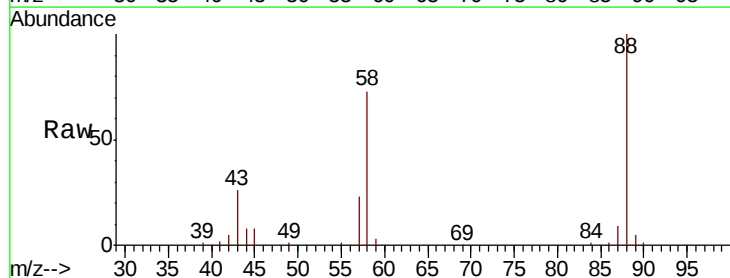
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.528 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.05 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	58.2	87.4
43	26.1	21.3	31.9

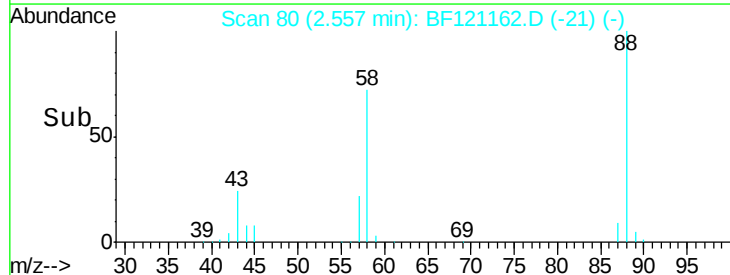
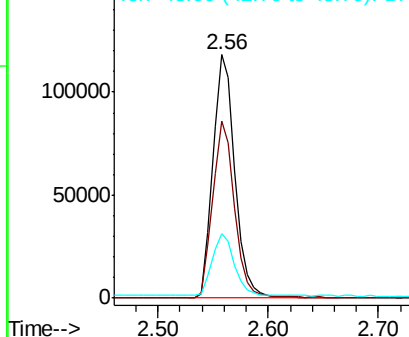


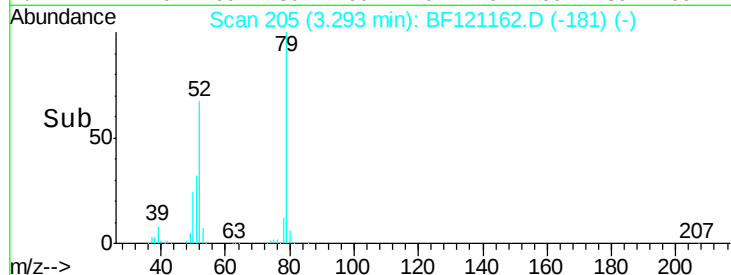
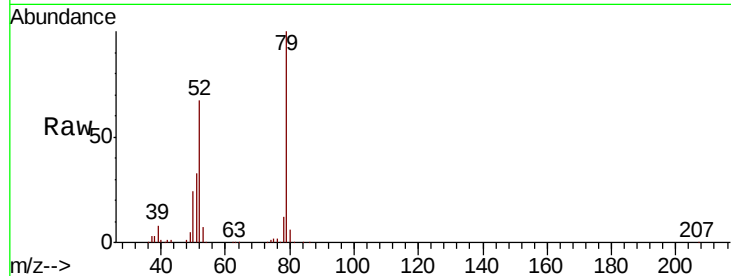
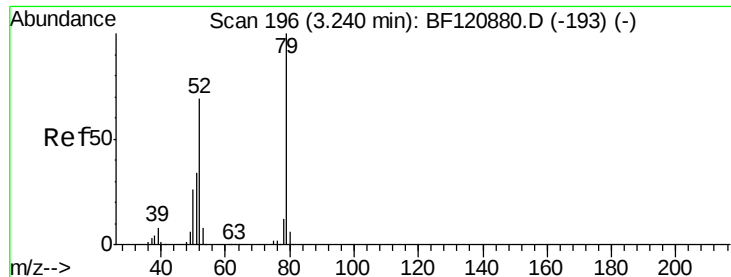
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





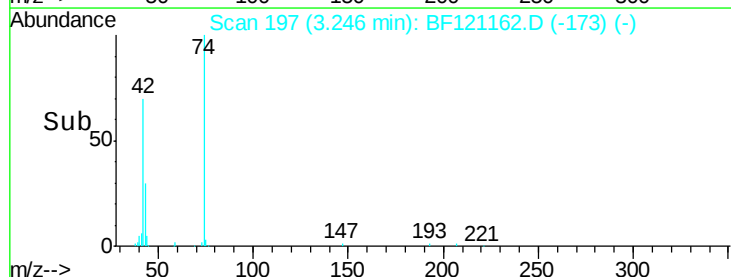
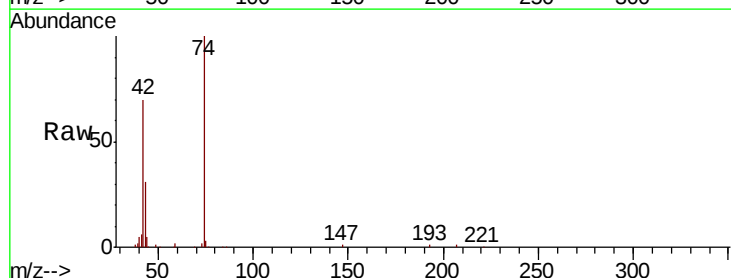
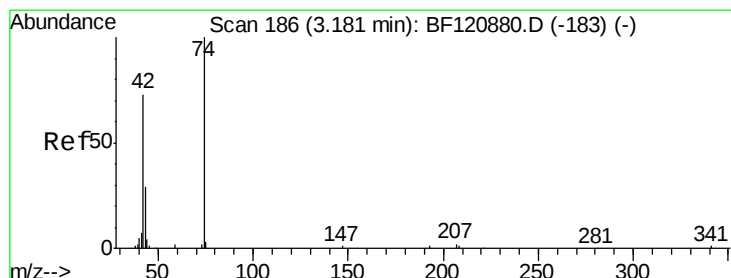
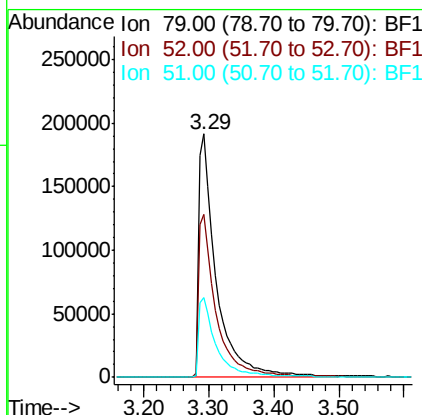
#3
Pvridine
Concen: 35.515 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.04 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.7	54.9	82.3
51	32.6	27.4	41.0

Instrument :
BNA_F
ClientSampled :
TP-9MSD

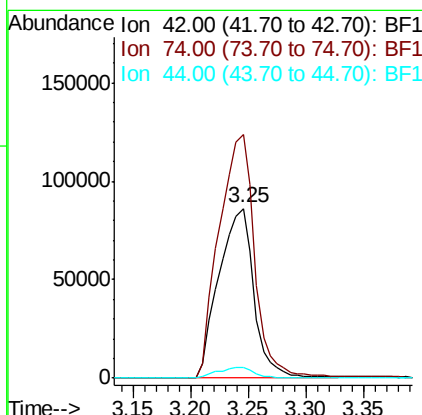
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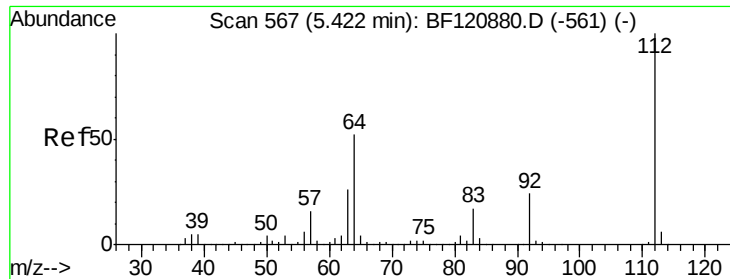
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#4
n-Nitrosodimethylamine
Concen: 42.036 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.04 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.6	117.3	175.9
44	6.6	5.9	8.9





#5

2-Fluorophenol

Concen: 66.972 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

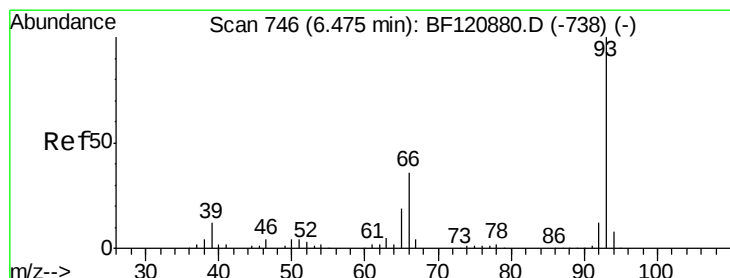
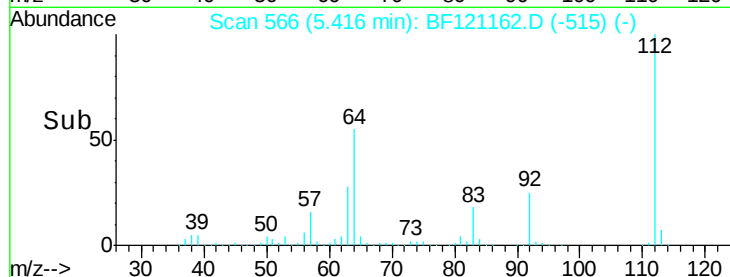
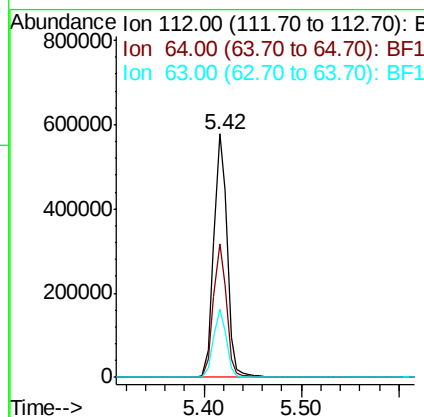
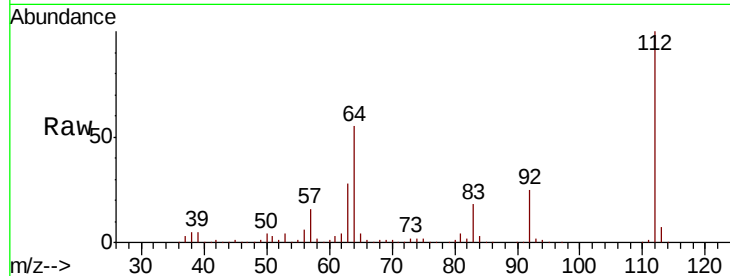
ClientSampleId :

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Tot Ion:	112	Resp:	552835
Ion Ratio	Lower	Upper	
112	100		
64	54.7	43.9	65.9
63	27.8	22.7	34.1

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#6

Aniline

Concen: 34.137 ng

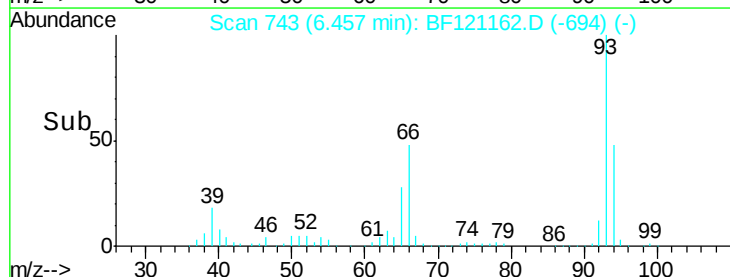
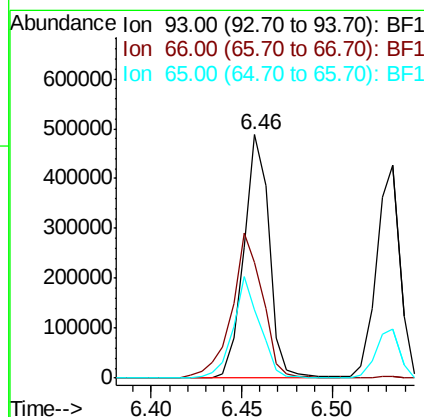
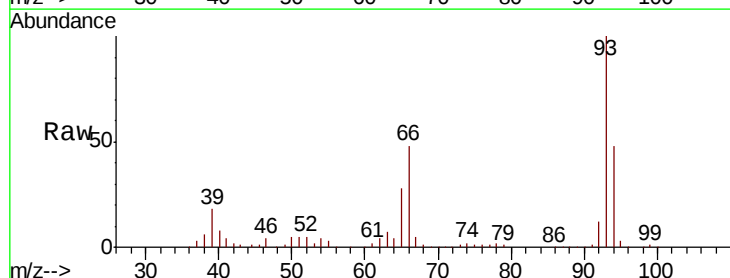
RT: 6.46 min Scan# 743

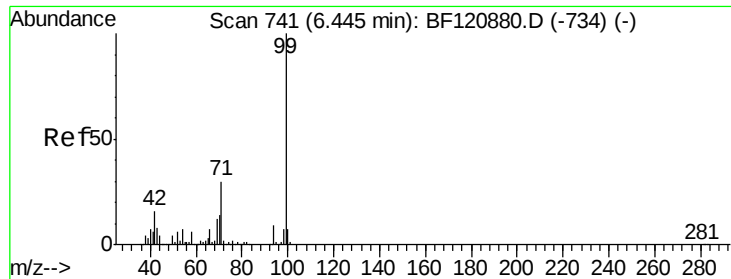
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	93	Resp:	475148
Ion Ratio	Lower	Upper	
93	100		
66	47.6	31.0	46.4#
65	28.2	16.2	24.4#





#7

Phenol-d6

Concen: 64.092 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

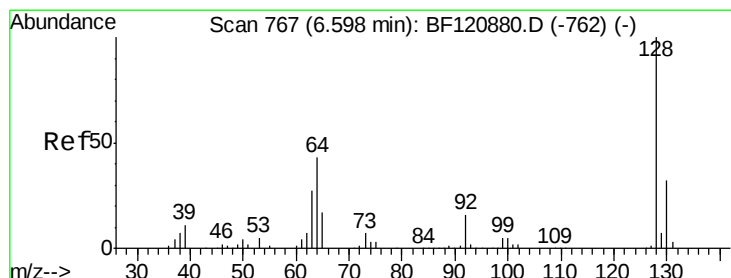
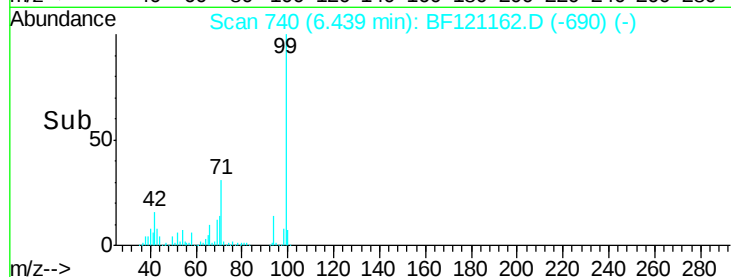
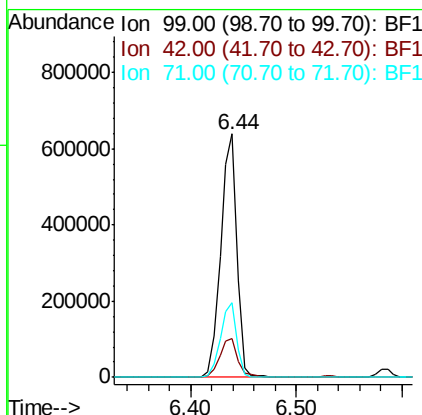
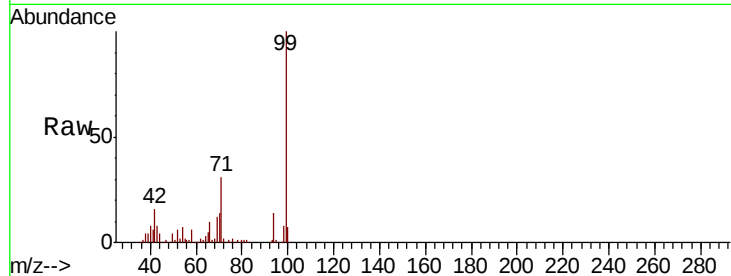
ClientSampleId :

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Tot Ion:	99	Resp:	683420
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	30.5	25.0	37.4

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#8

2-Chlorophenol

Concen: 45.258 ng

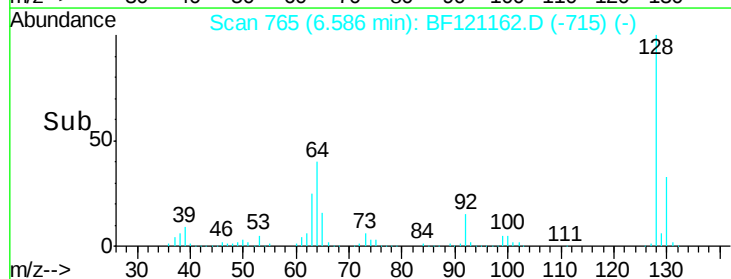
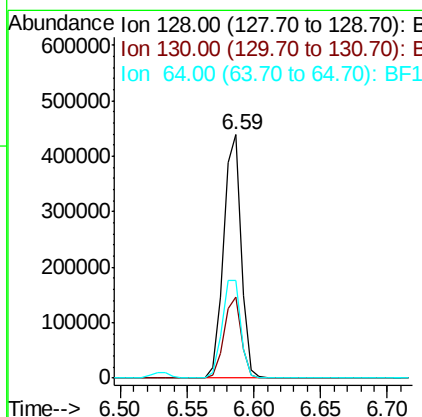
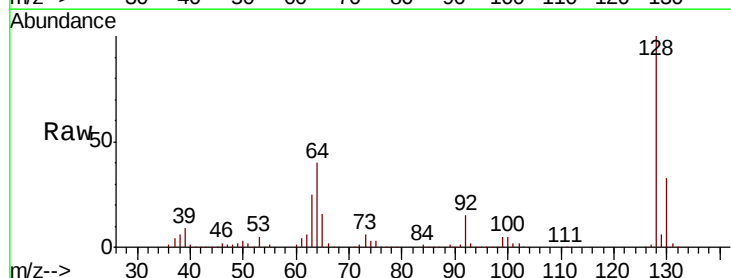
RT: 6.59 min Scan# 765

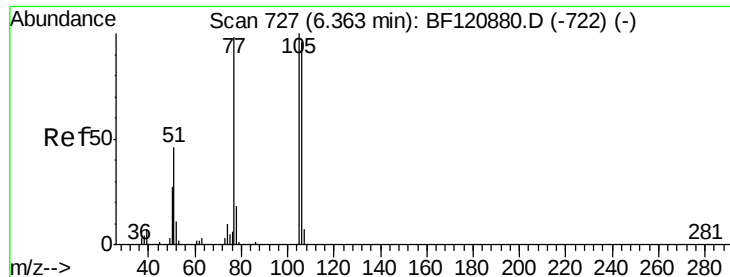
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	128	Resp:	411561
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.7	52.7
64	40.2	23.8	63.8





#9

Benzaldehyde

Concen: 59.198 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

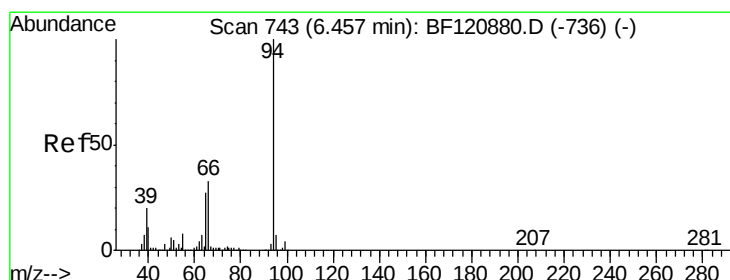
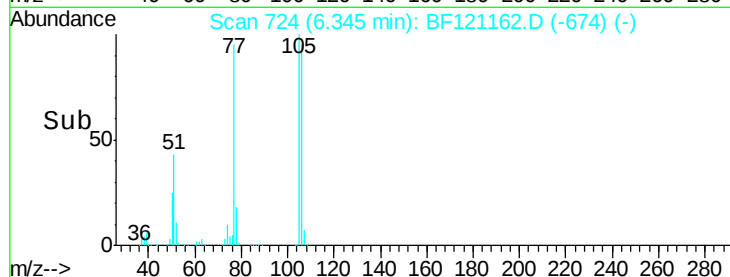
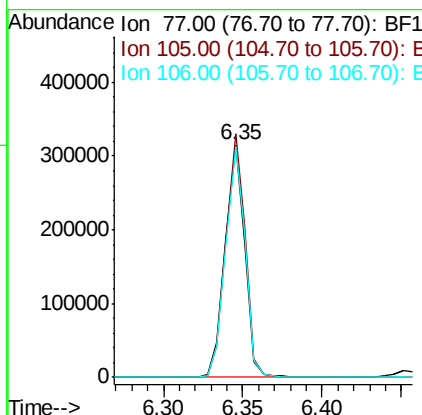
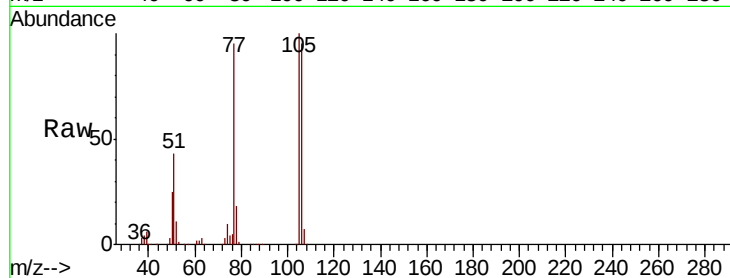
ClientSampleId :

TP-9MSD

Tot Ion:	77	Resp:	269626
Ion Ratio	Lower	Upper	
77	100		
105	104.9	82.4	122.4
106	99.6	78.9	118.9

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#10

Phenol

Concen: 40.912 ng

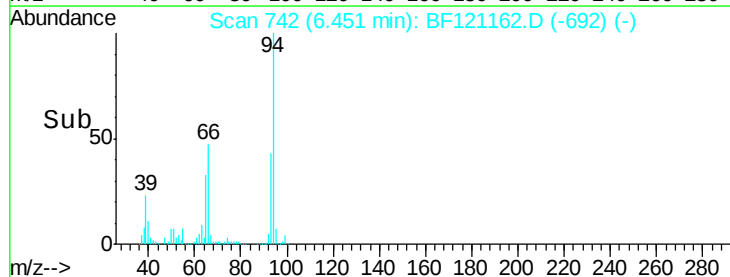
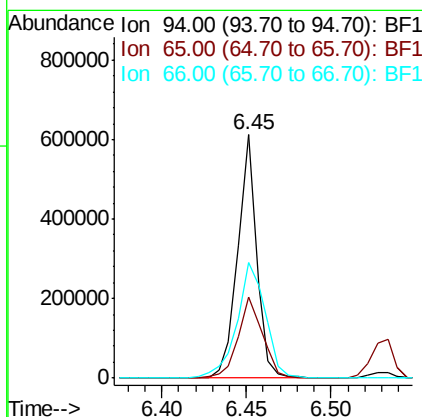
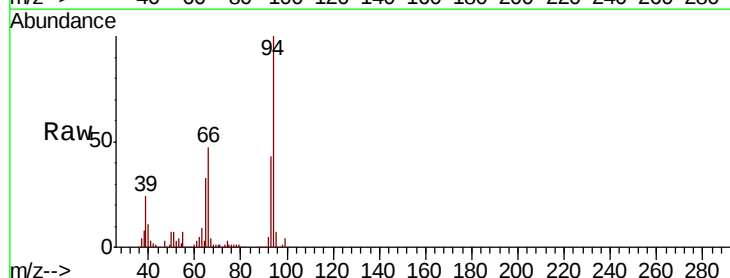
RT: 6.45 min Scan# 742

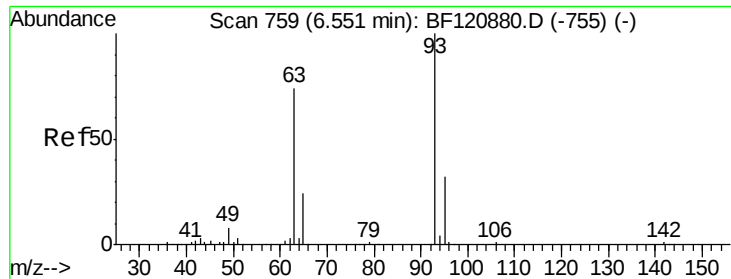
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	94	Resp:	479886
Ion Ratio	Lower	Upper	
94	100		
65	33.2	12.6	52.6
66	47.4	25.6	65.6





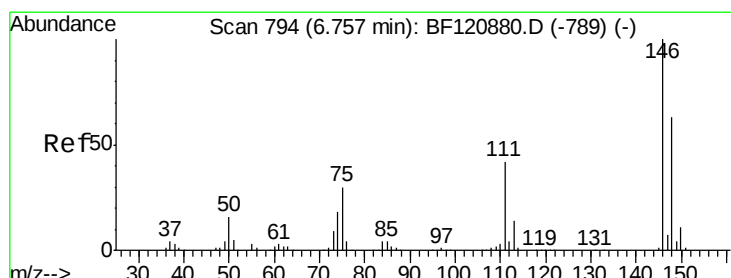
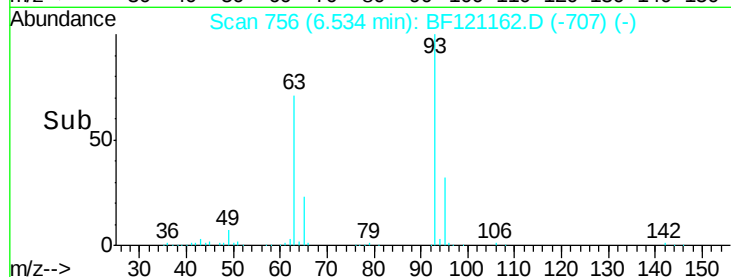
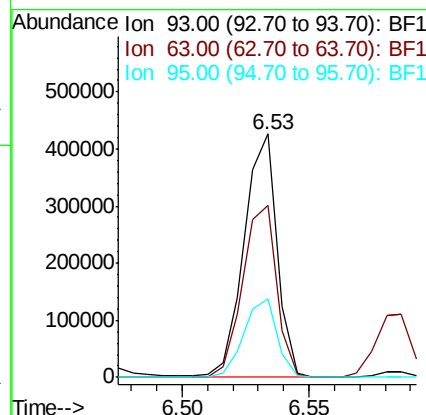
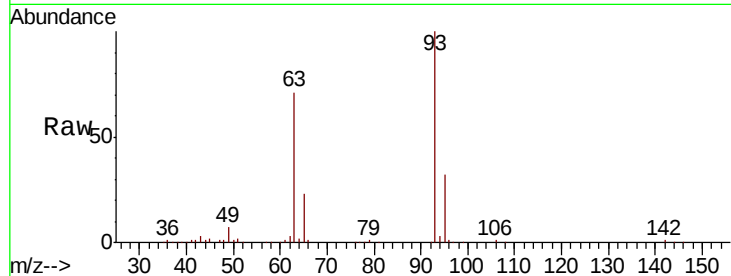
#11
bis(2-Chloroethyl)ether
Concen: 42.700 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion:	93	Resp:	383849
Ion	Ratio	Lower	Upper
93	100		
63	70.7	51.9	91.9
95	32.4	13.2	53.2

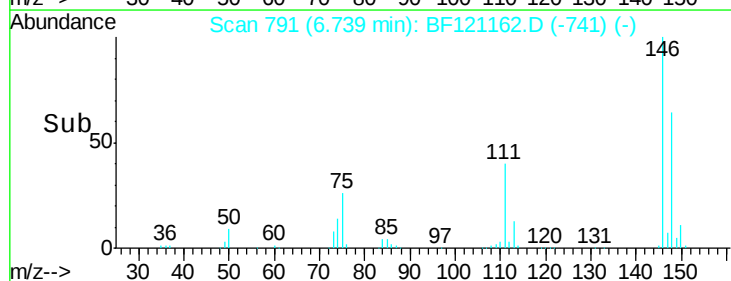
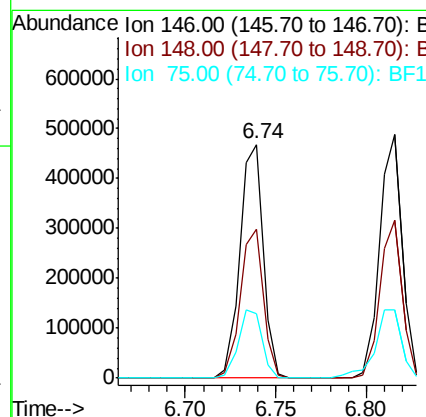
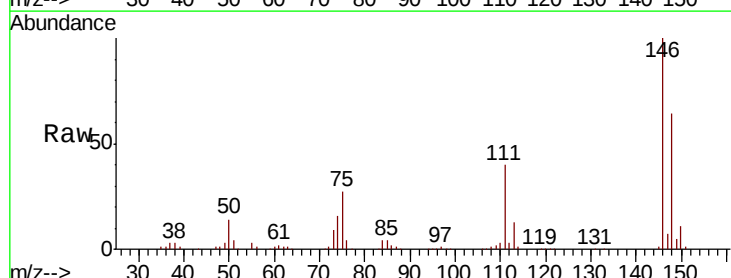
Manual Integrations
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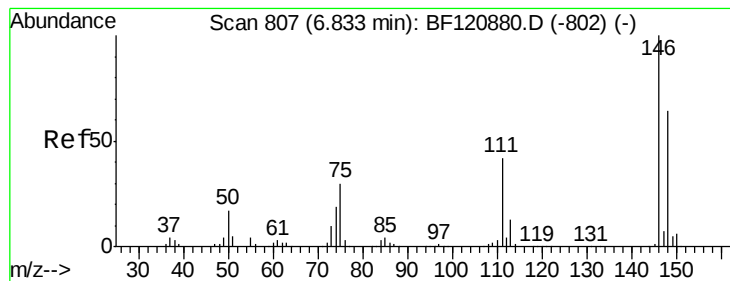
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.527 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion:	146	Resp:	419347
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
75	27.4	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 42.931 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

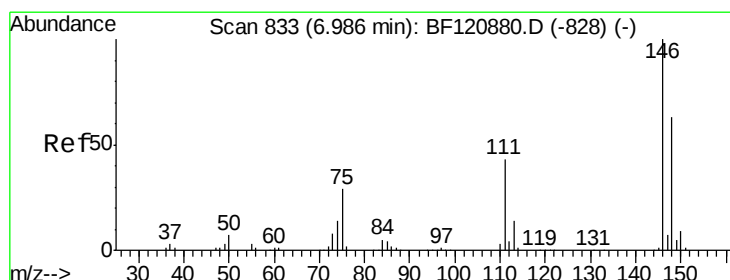
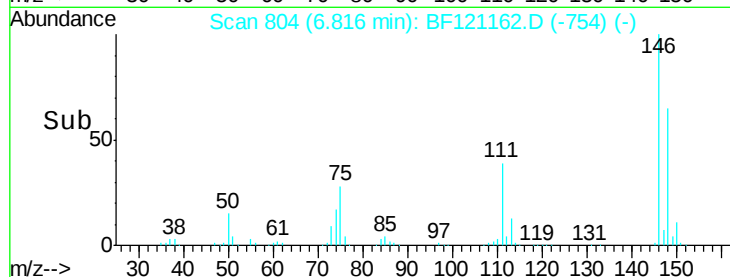
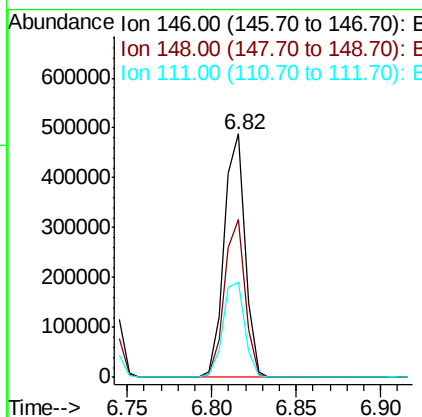
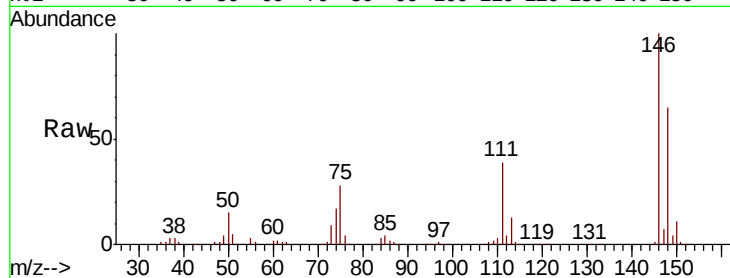
ClientSampleId :

TP-9MSD

Tot Ion:	146	Resp:	420951
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.5	75.7
111	39.2	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 43.716 ng

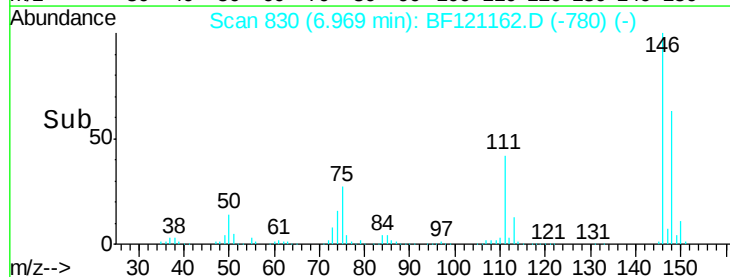
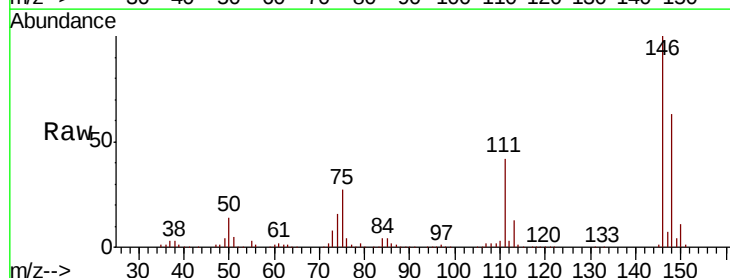
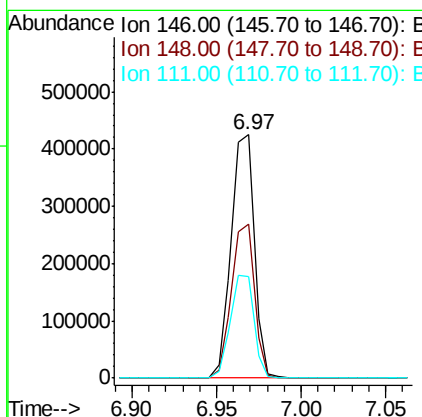
RT: 6.97 min Scan# 830

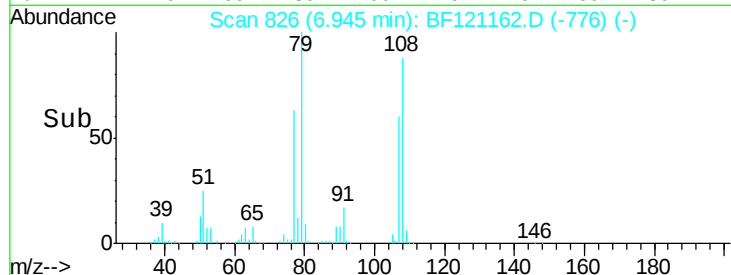
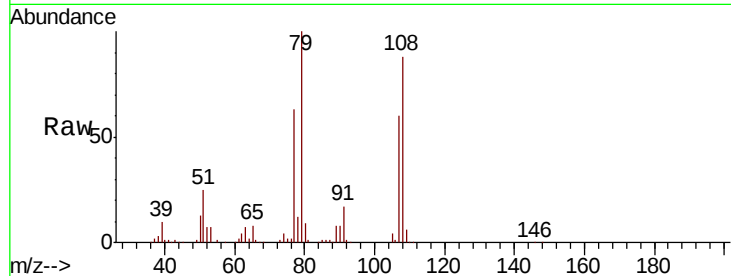
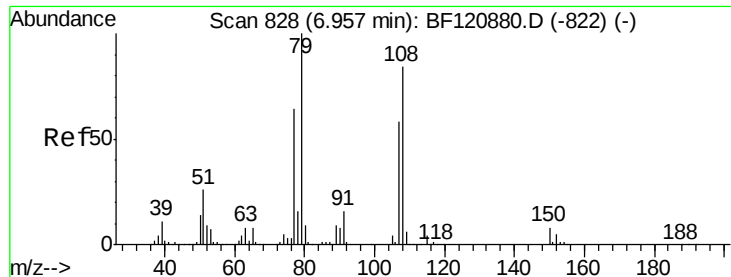
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	146	Resp:	405510
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
111	41.8	35.4	53.0





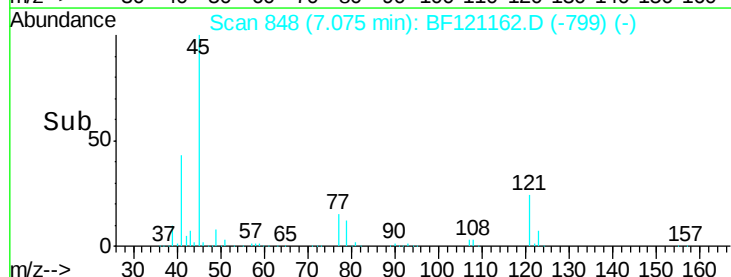
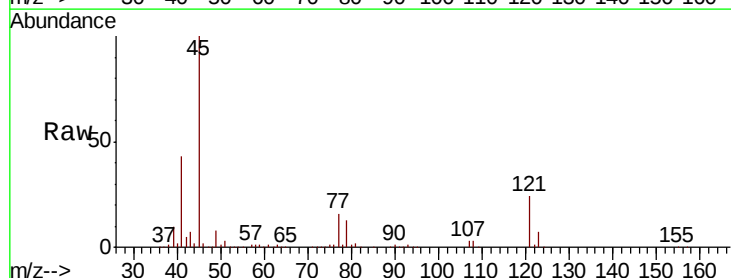
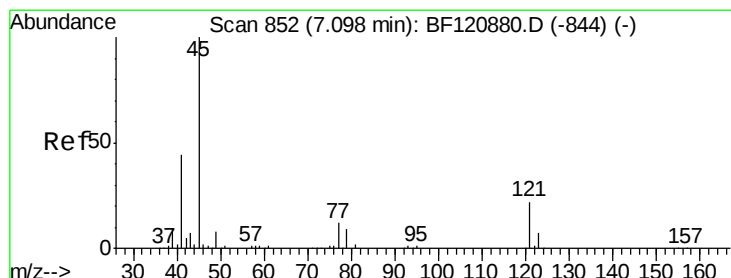
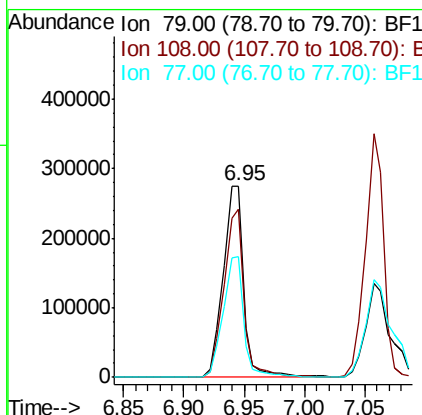
#15
Benzyl Alcohol
Concen: 43.352 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.7	68.6	103.0
77	63.0	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

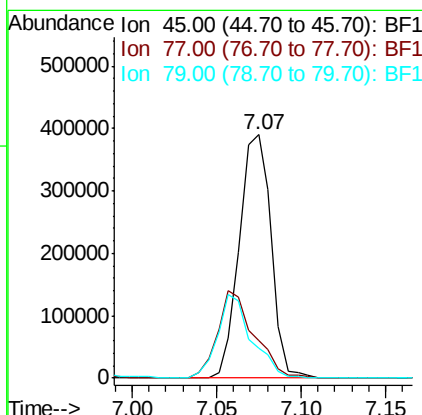
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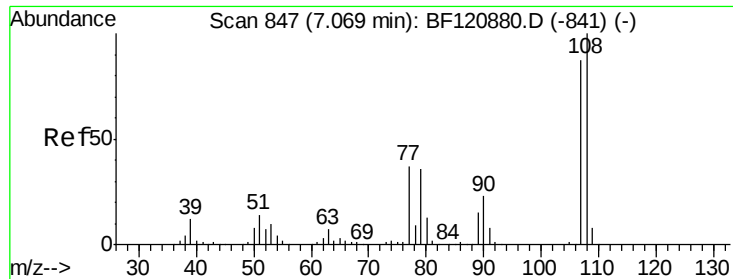
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.478 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.7
79	12.5	0.0	32.0





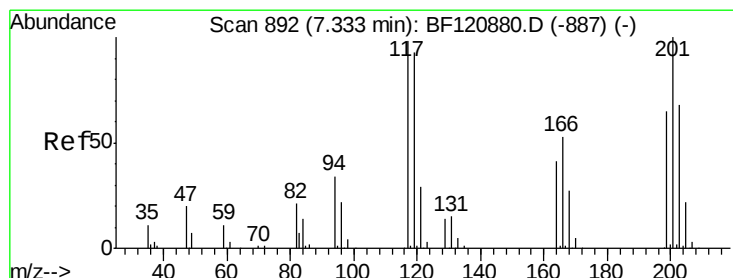
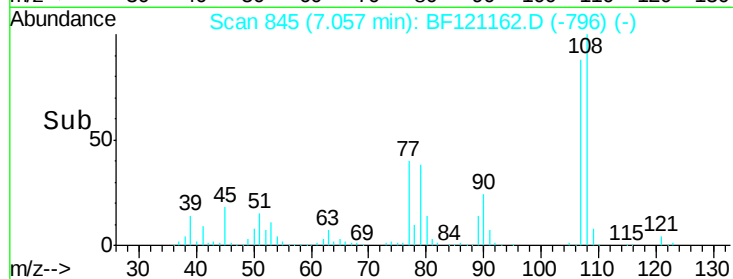
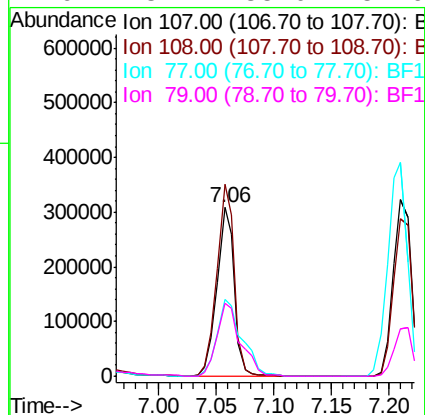
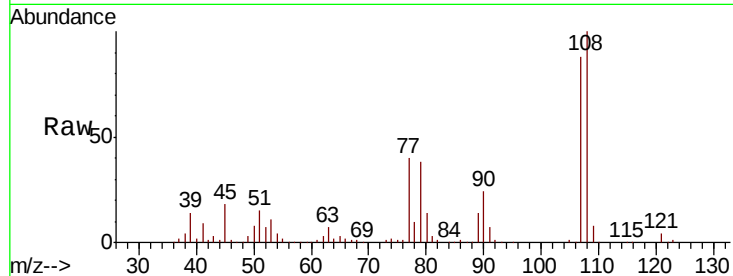
#17
2-Methylphenol
Concen: 40.089 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	107	Resp	323119
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.2	136.8
77	45.5	36.5	54.7
79	43.7	35.0	52.6

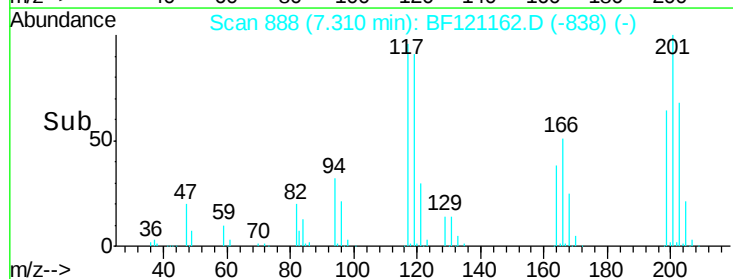
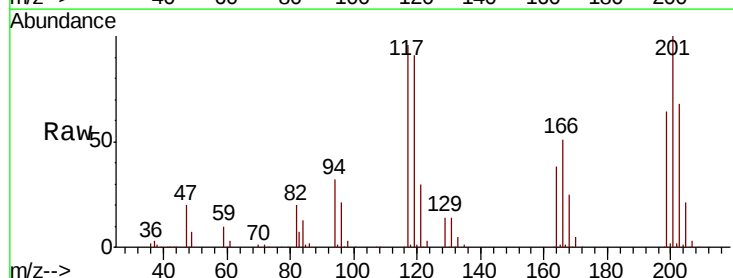
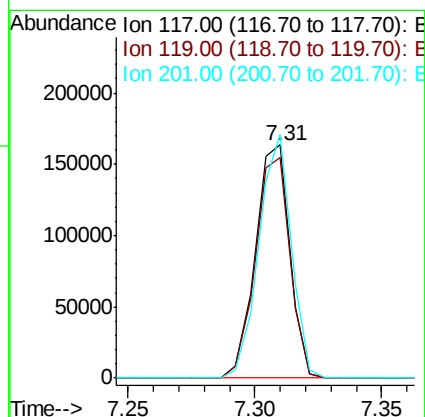
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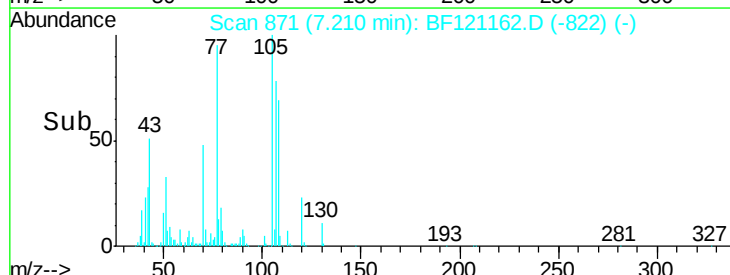
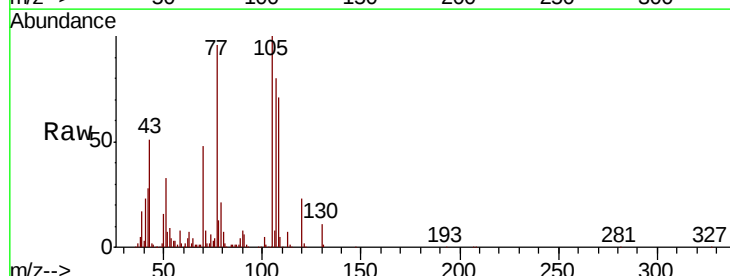
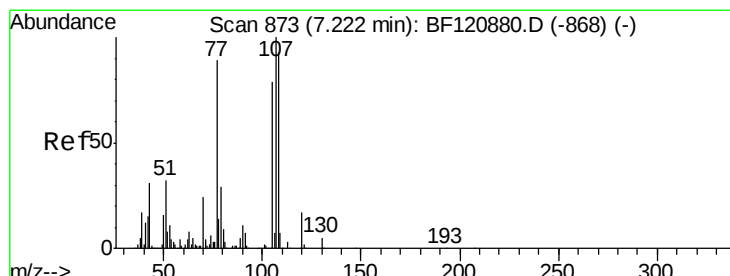
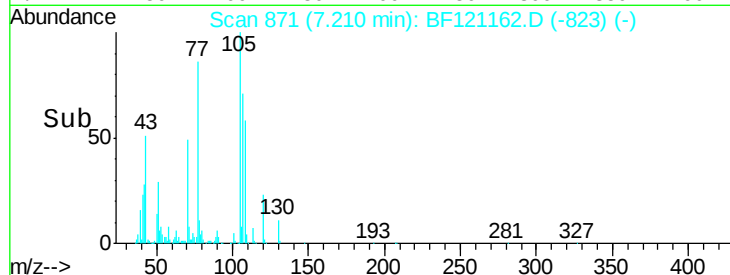
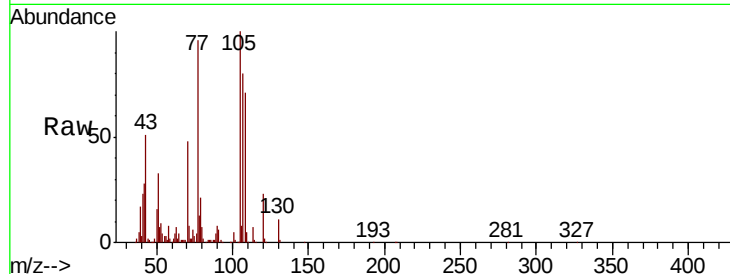
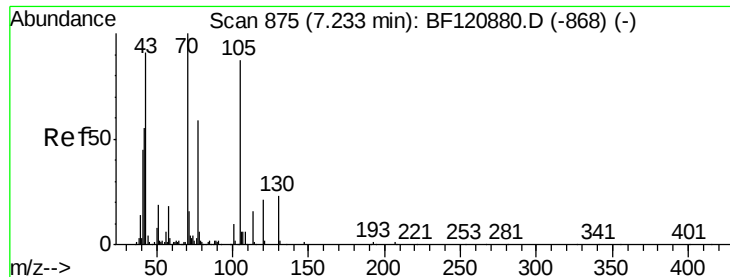
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#18
Hexachloroethane
Concen: 43.632 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	117	Resp	154844
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.6	114.8
201	104.4	75.0	112.4





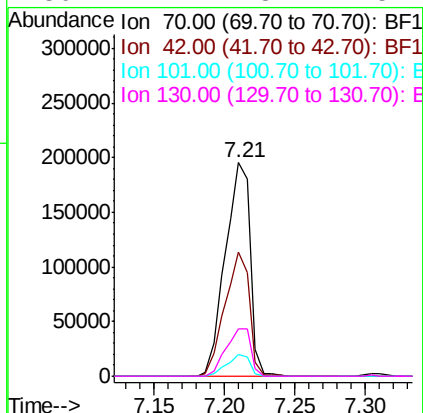
#19
n-Nitroso-di-n-propylamine
Concen: 39.523 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.3	64.9
101	10.0	8.4	12.6
130	22.2	18.7	28.1

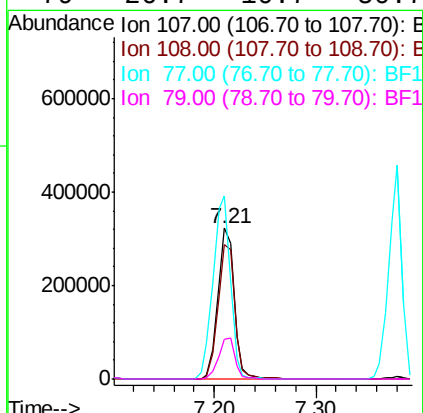
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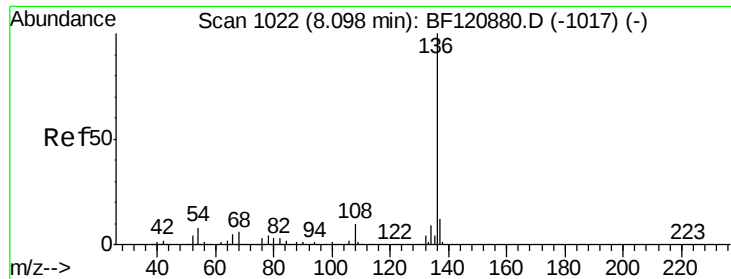
mohammad
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#20
3+4-Methylphenols
Concen: 35.333 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.7	113.7
77	120.9	84.9	124.9
79	26.7	10.7	50.7





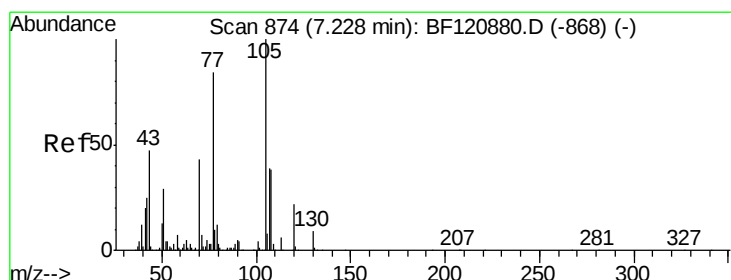
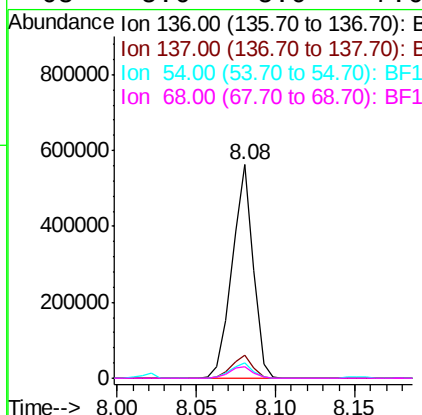
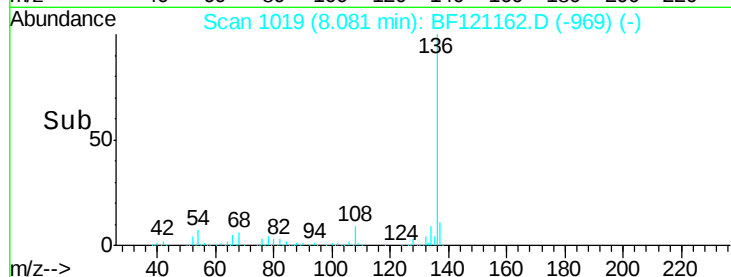
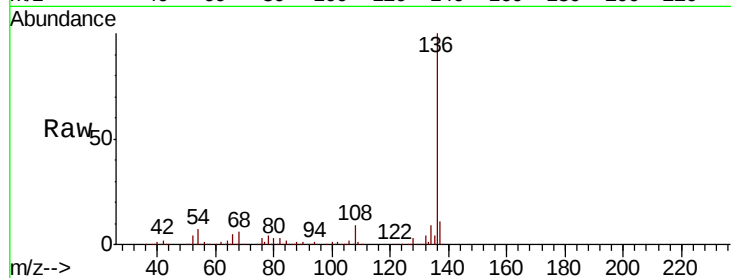
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		516634		
137	10.9		9.0	13.4	
54	7.0		6.1	9.1	
68	5.6		5.0	7.6	

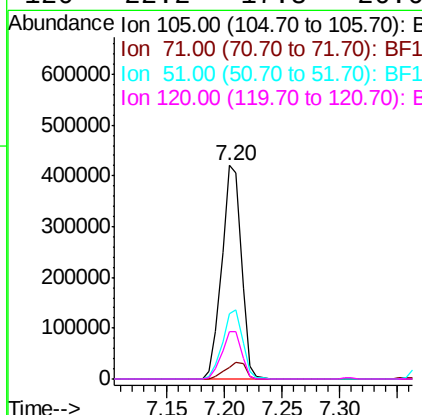
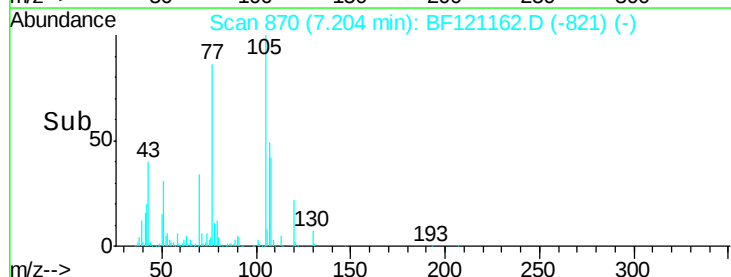
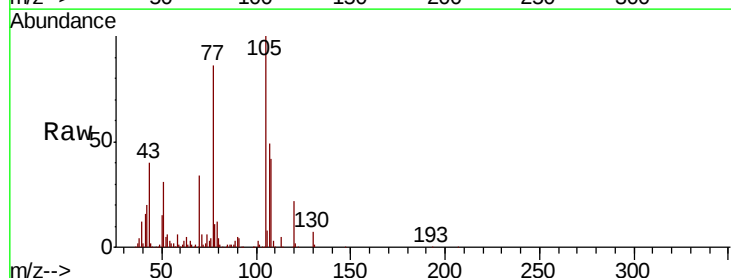
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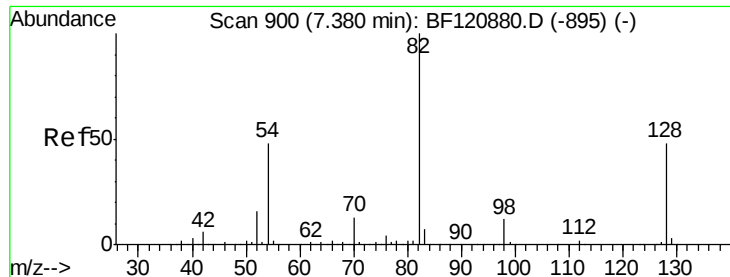
mohammad
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#22
Acetophenone
Concen: 42.651 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		494531		
71	5.6		3.8	5.8	
51	30.6		28.0	42.0	
120	22.2		17.8	26.6	





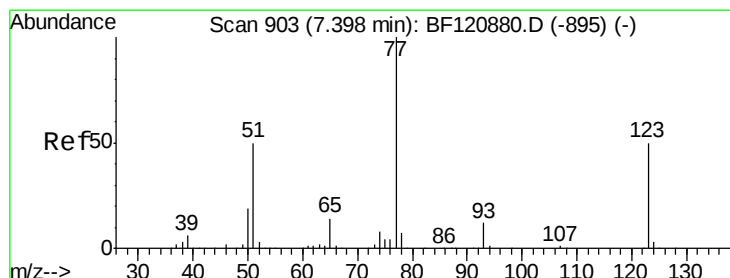
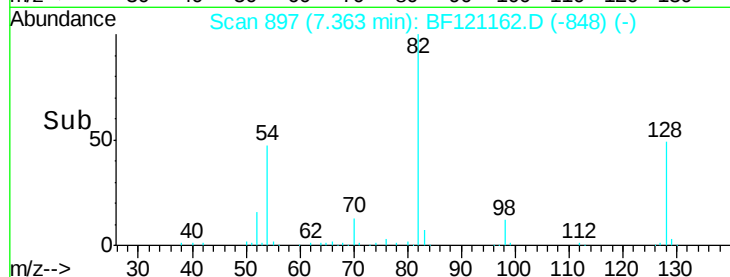
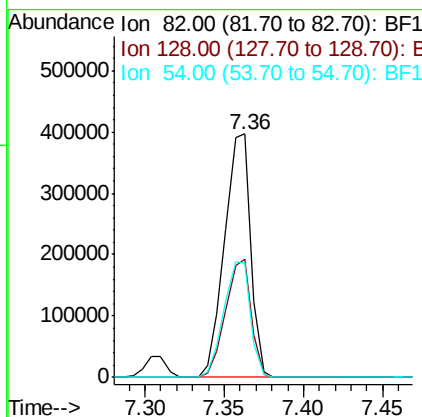
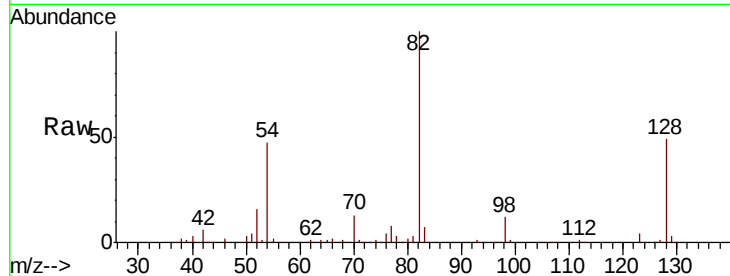
#23
Nitrobenzene-d5
Concen: 50.888 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	82	Resp	454354
Ion Ratio	Lower	Upper	
82	100		
128	48.7	39.2	58.8
54	46.8	37.8	56.8

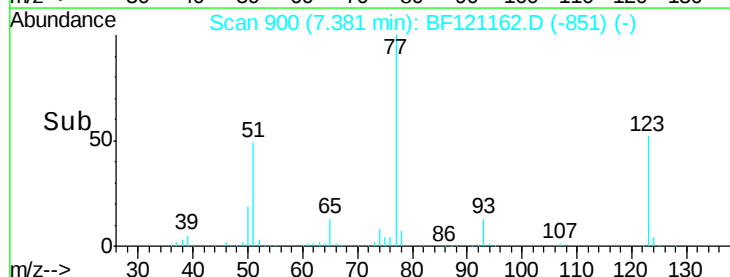
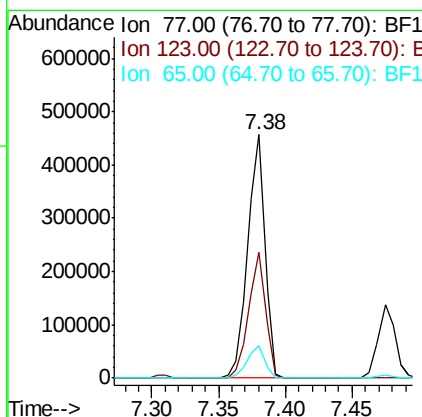
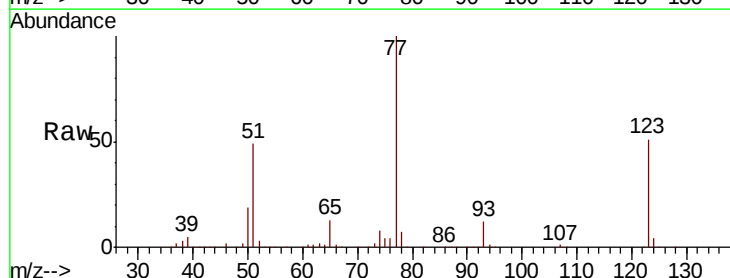
Manual Integrations
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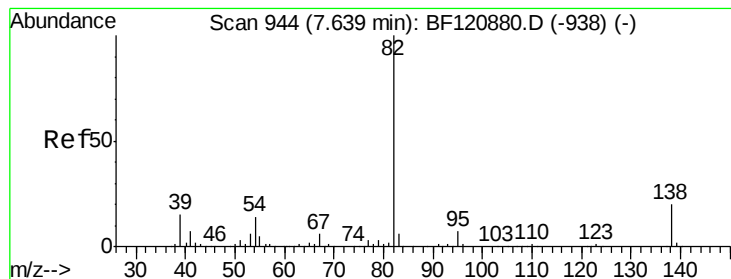
mohammad
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#24
Nitrobenzene
Concen: 42.179 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	77	Resp	405899
Ion Ratio	Lower	Upper	
77	100		
123	51.5	41.0	61.6
65	13.2	10.3	15.5





#25

Isophorone

Concen: 41.423 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

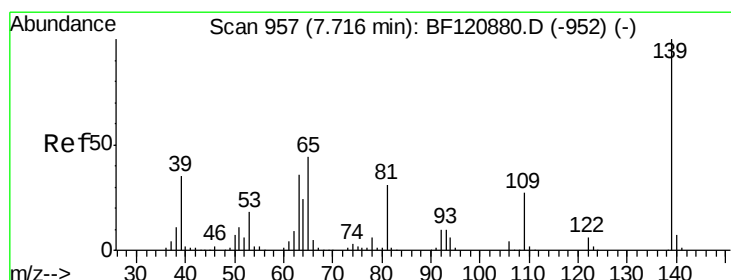
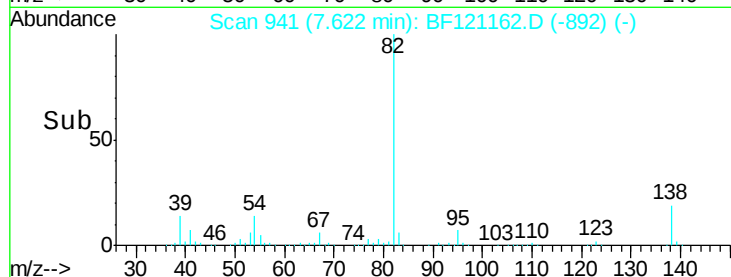
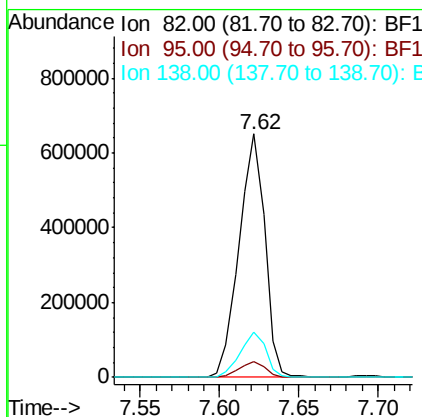
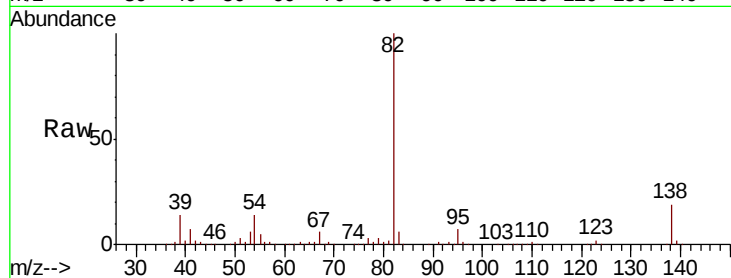
ClientSampleId :

TP-9MSD

Tot Ion:	82	Resp:	738131
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.5	8.3
138	18.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 48.324 ng

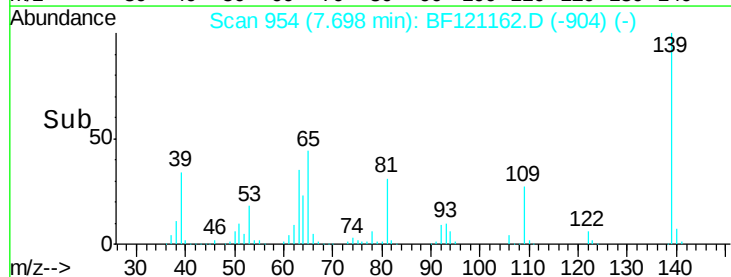
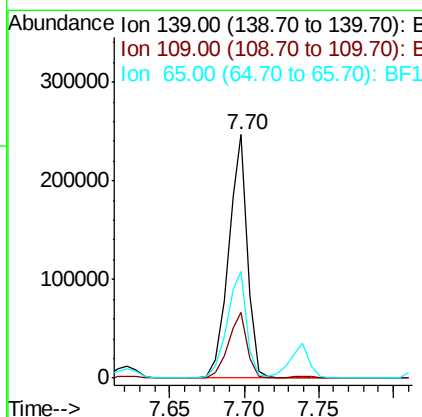
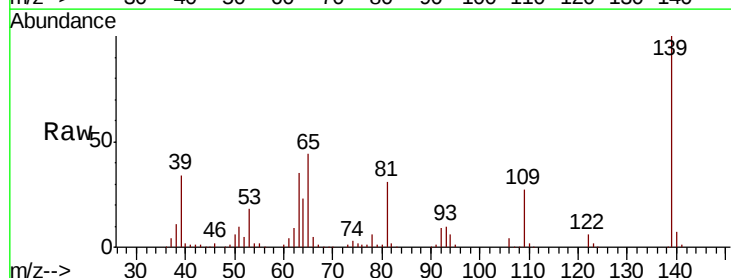
RT: 7.70 min Scan# 954

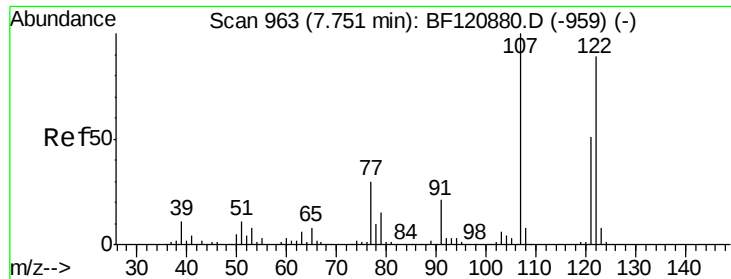
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	139	Resp:	220858
Ion Ratio		Lower	Upper
139	100		
109	27.1	21.7	32.5
65	43.8	36.3	54.5





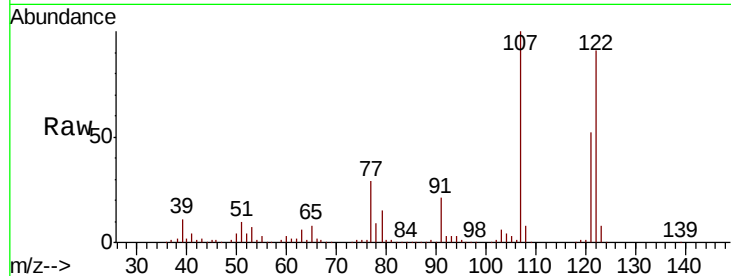
#27
2,4-Dimethylphenol
Concen: 47.257 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampled :
TP-9MSD

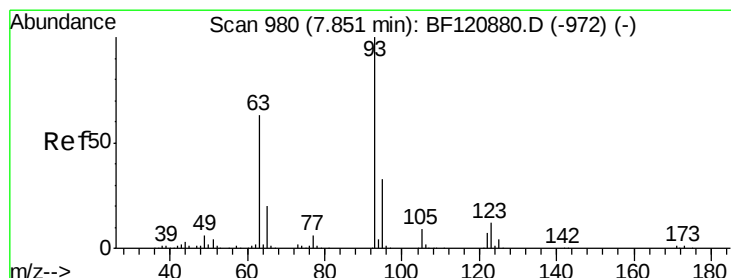
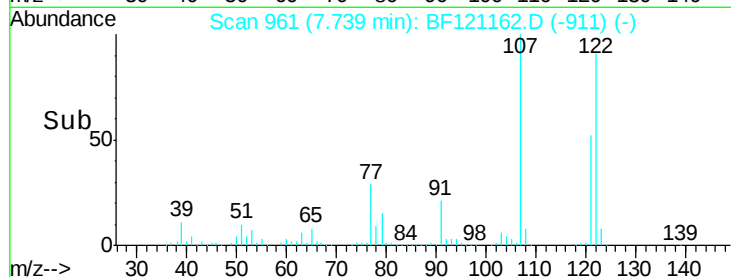
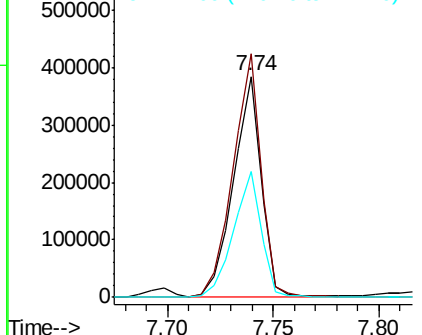
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	87.1	130.7
121	57.1	45.5	68.3

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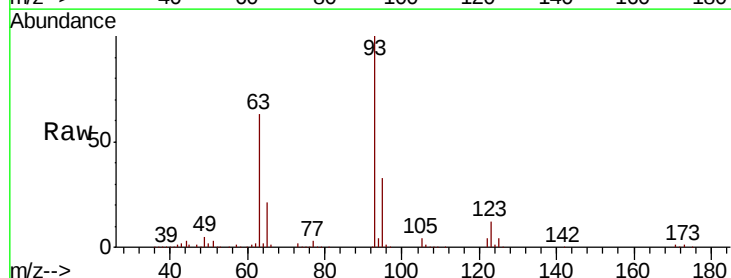


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

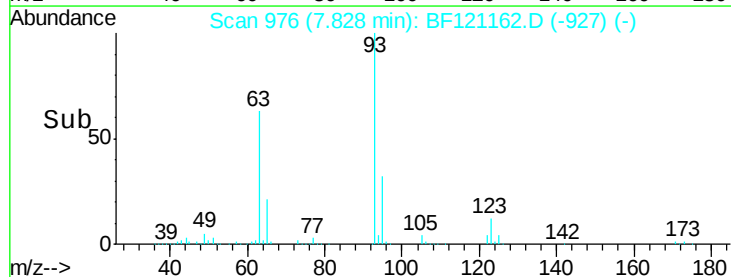
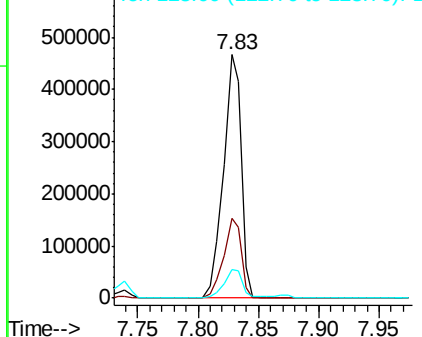


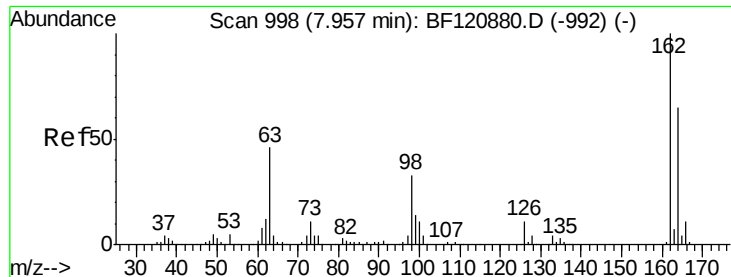
#28
bis(2-Chloroethoxy)methane
Concen: 43.568 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.7	9.5	14.3



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





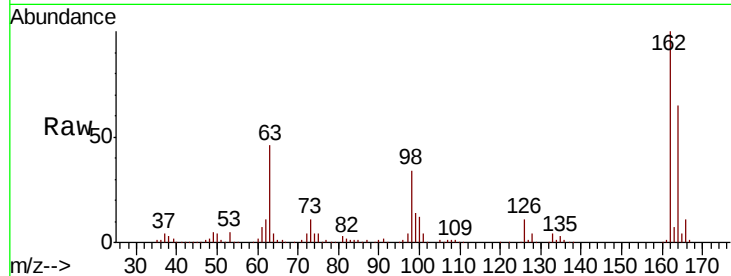
#29
2,4-Dichlorophenol
Concen: 43.014 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	44.7	84.7
98	33.8	14.2	54.2

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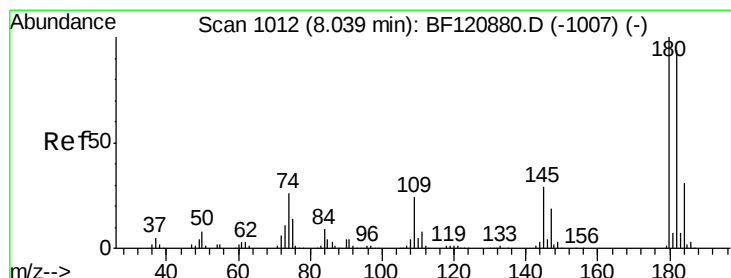
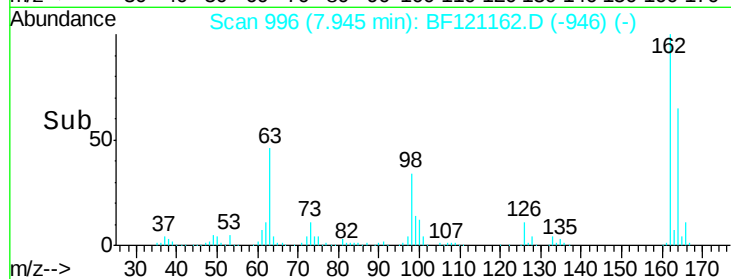
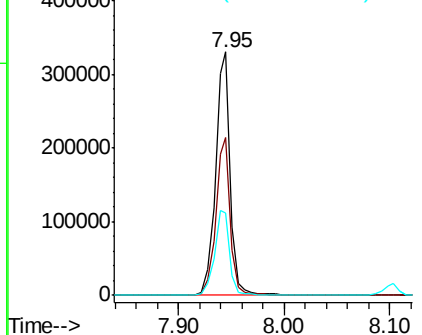


Abundance

Ion 162.00 (161.70 to 162.70): E

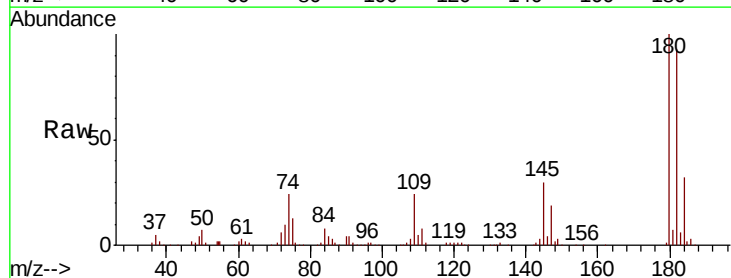
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.409 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.1	76.4	114.6
145	29.6	24.2	36.4

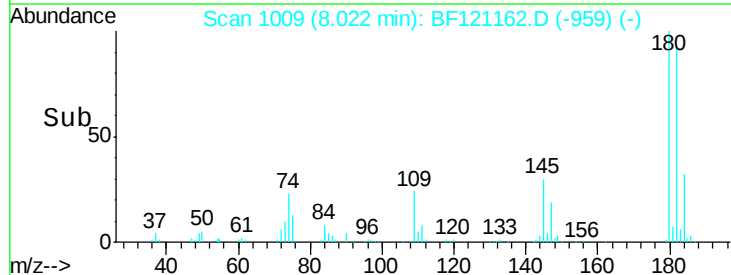
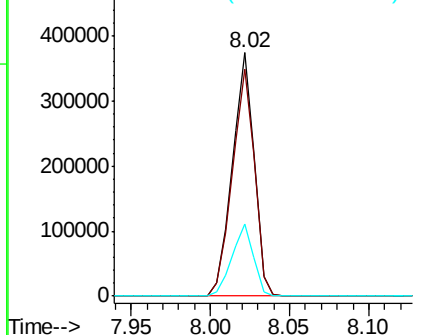


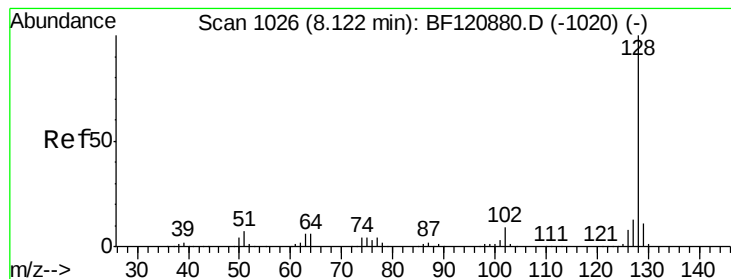
Abundance

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: 41.986 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

ClientSampleId :

TP-9MSD

Tot Ion:128 Resp: 1112674

Ion Ratio Lower Upper

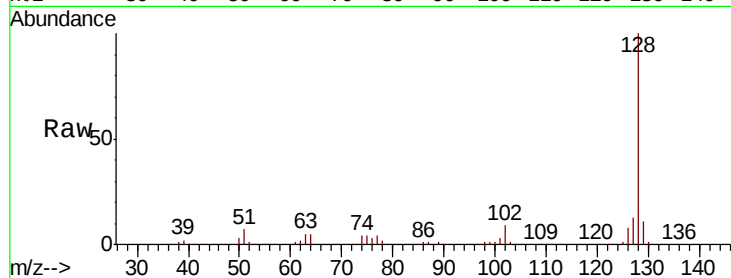
128 100

129 11.2 9.3 13.9

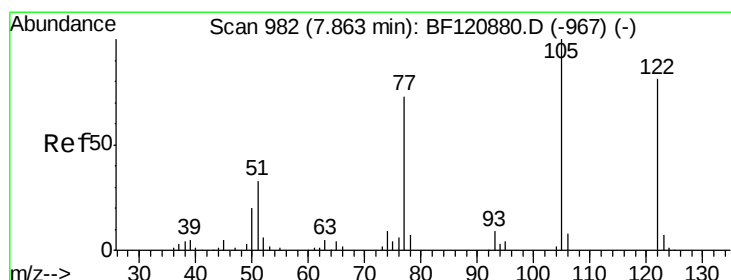
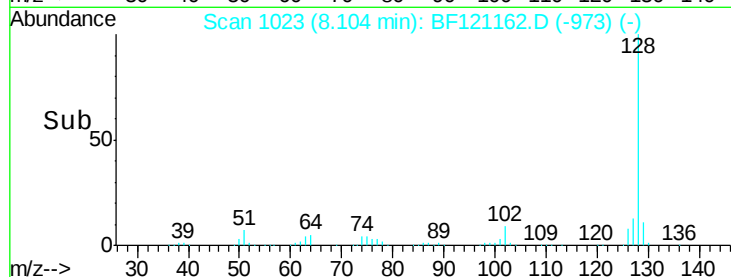
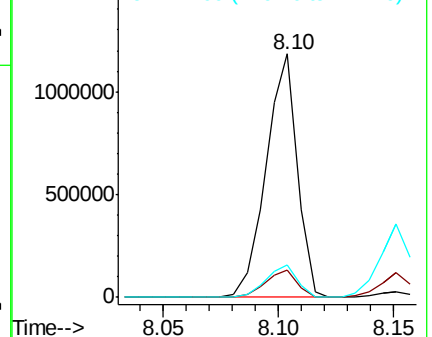
127 13.4 10.8 16.2

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



#32

Benzoic acid

Concen: 28.906 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

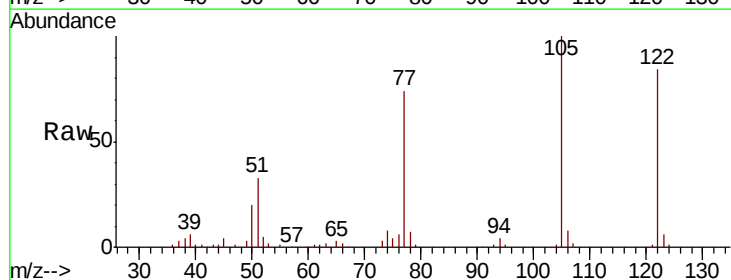
Tgt Ion:122 Resp: 161018

Ion Ratio Lower Upper

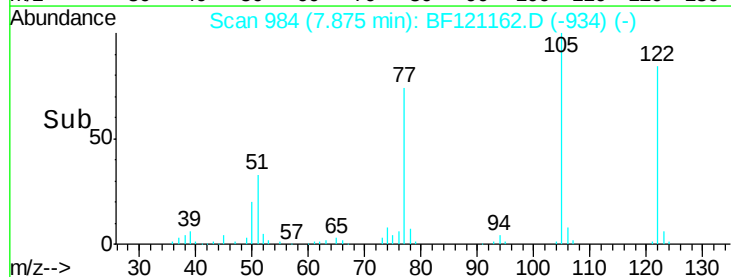
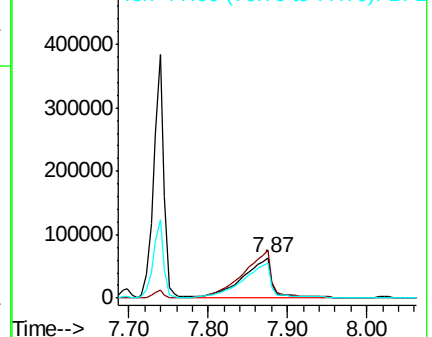
122 100

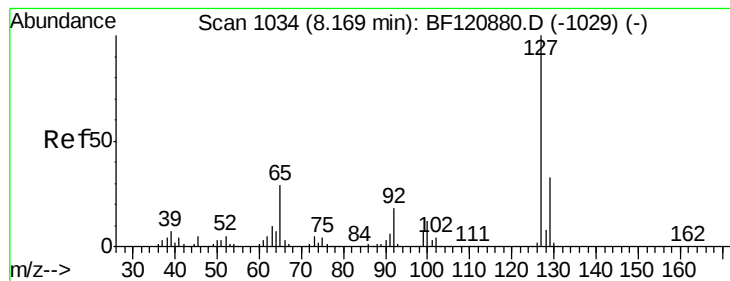
105 118.7 100.9 140.9

77 87.9 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 29.649 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

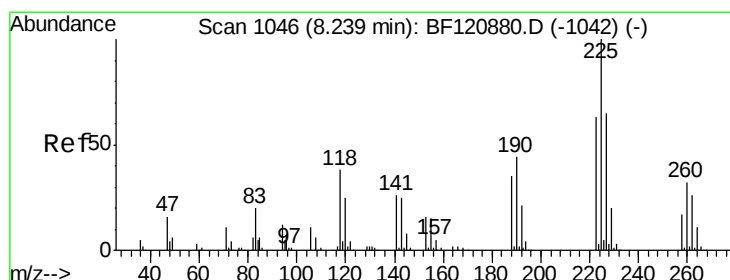
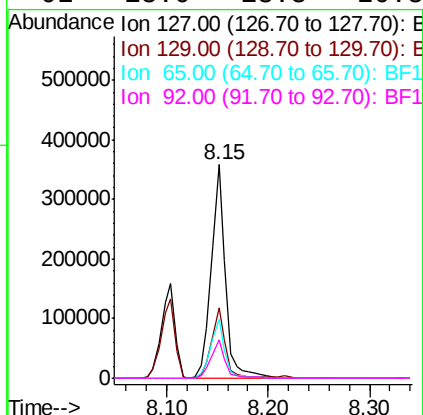
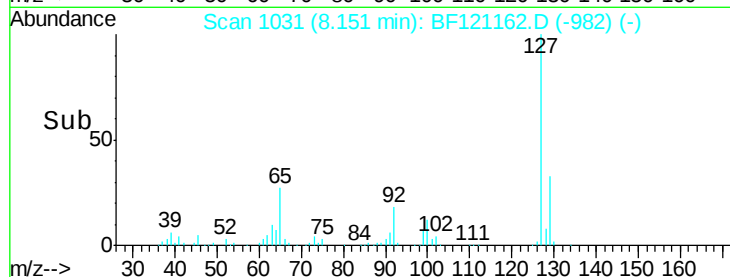
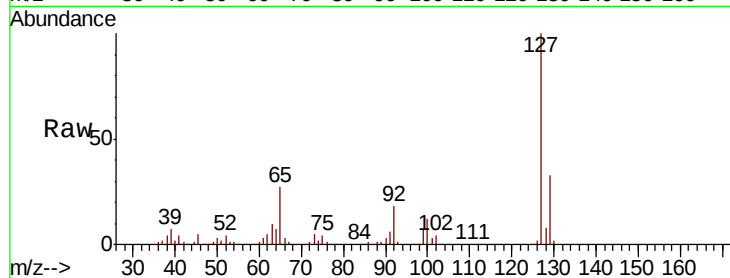
ClientSampled :

TP-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.2	
65	27.3	21.4	32.0	
92	18.0	13.8	20.8	

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#34

Hexachlorobutadiene

Concen: 41.245 ng

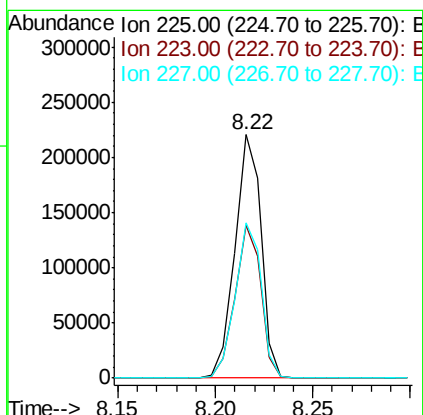
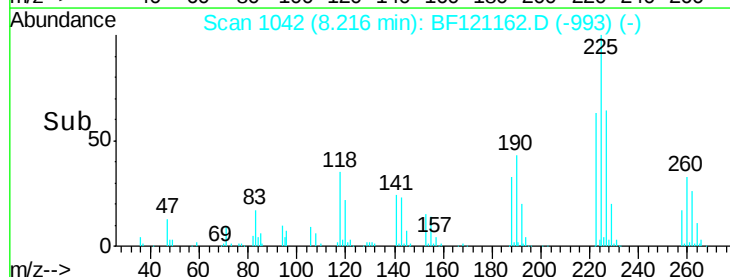
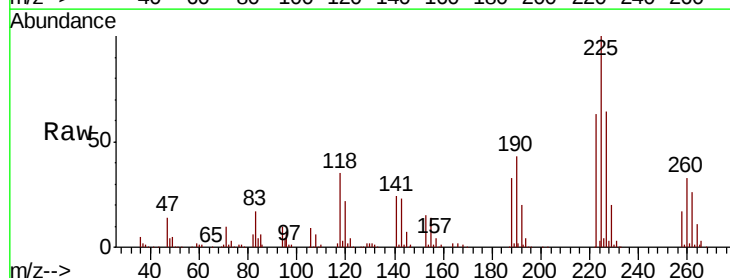
RT: 8.22 min Scan# 1042

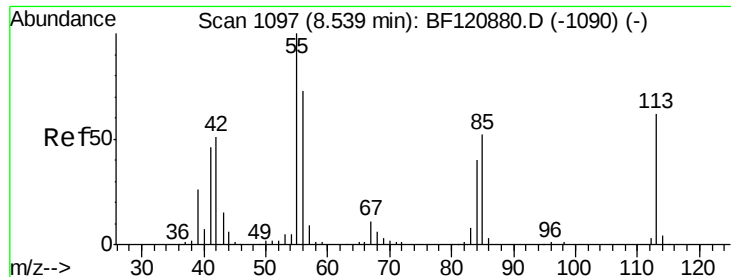
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.7	74.5	
227	63.8	51.4	77.0	





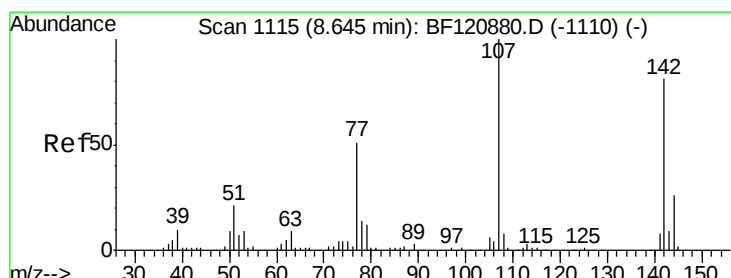
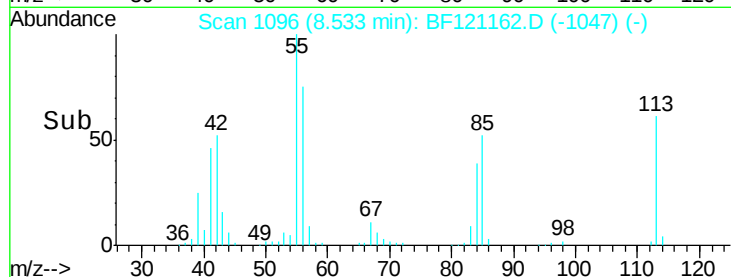
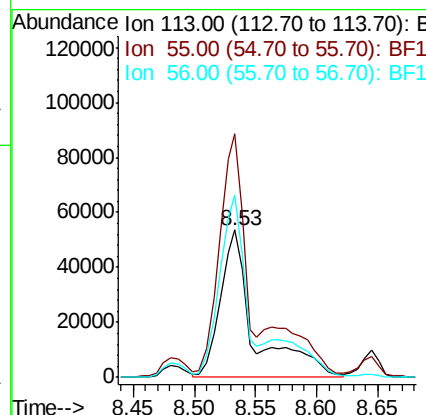
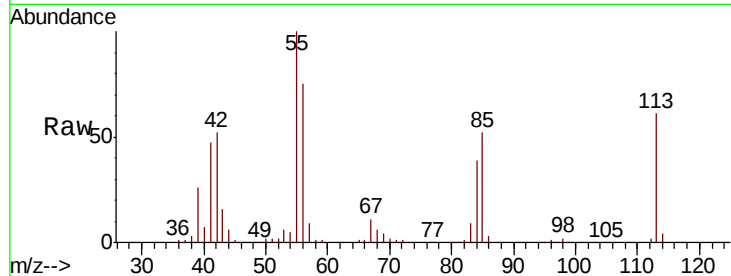
#35
 Caprolactam
 Concen: 42.987 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		104530		
55	165.1		131.0	171.0	
56	123.6		90.4	130.4	

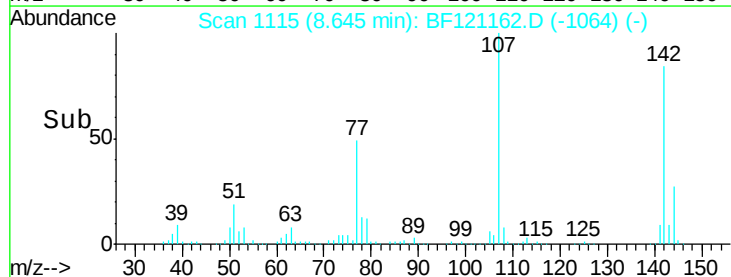
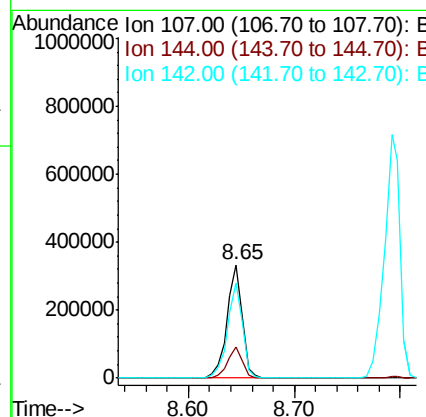
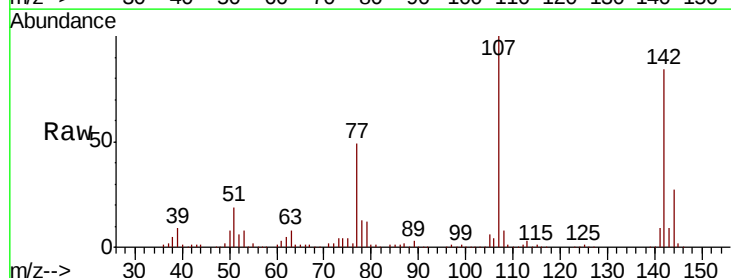
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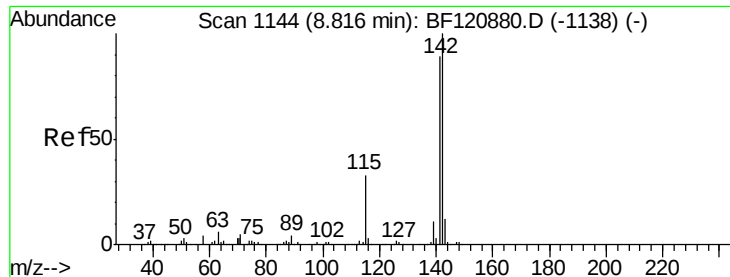
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#36
 4-Chloro-3-methylphenol
 Concen: 43.501 ng/ml
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		338297		
144	27.3		20.9	31.3	
142	83.5		64.5	96.7	





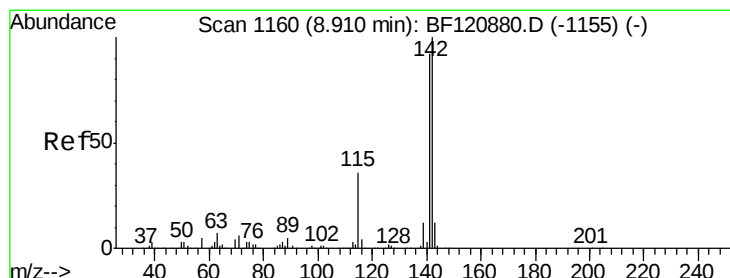
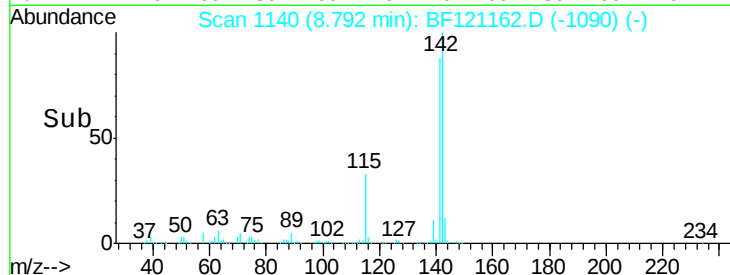
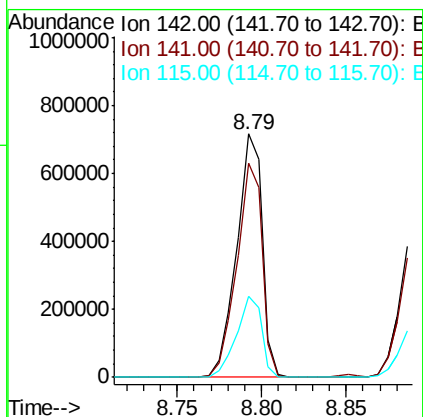
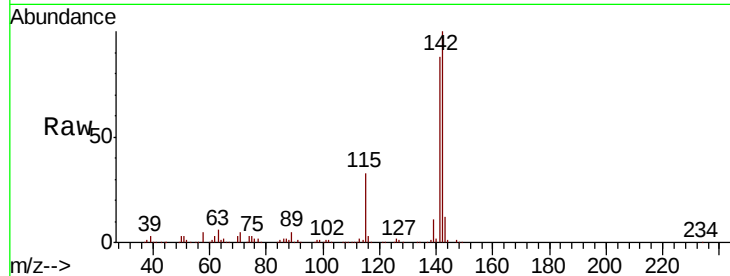
#37
2-Methylnaphthalene
Concen: 43.935 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampled :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	33.4	27.1	40.7

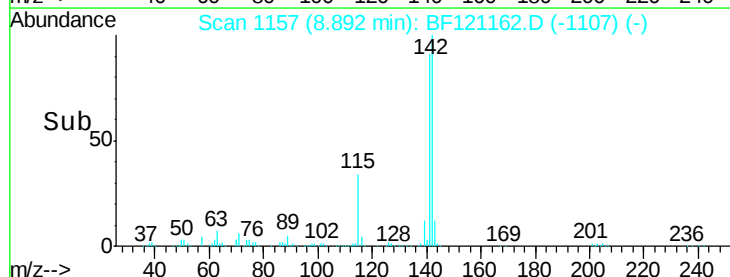
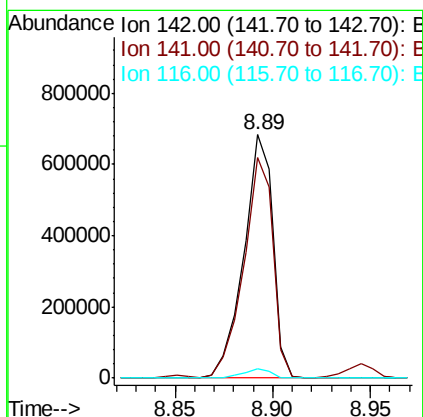
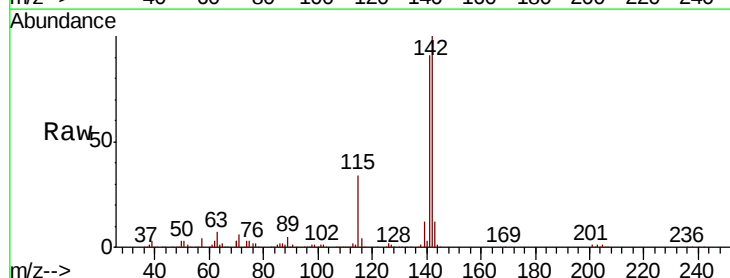
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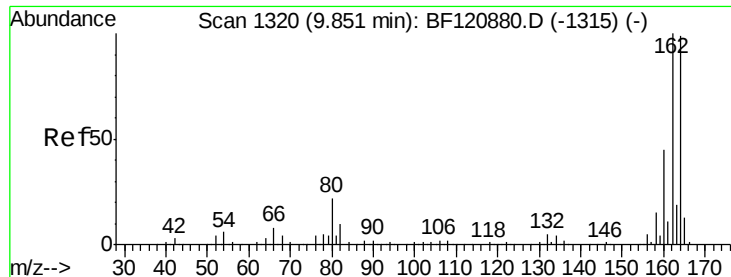
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#38
1-Methylnaphthalene
Concen: 43.337 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

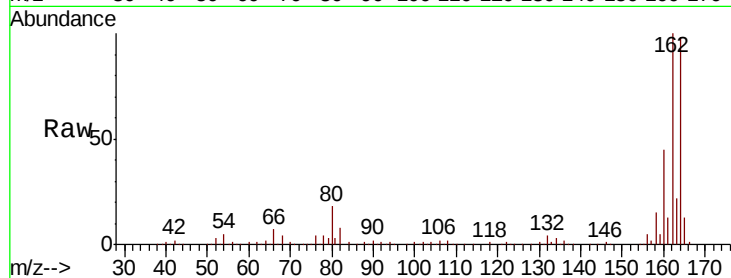
ClientSampleId :

TP-9MSD

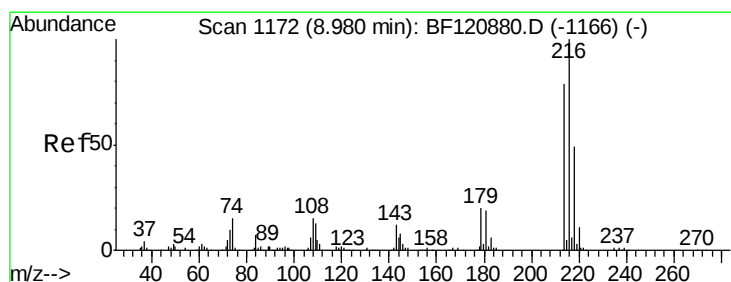
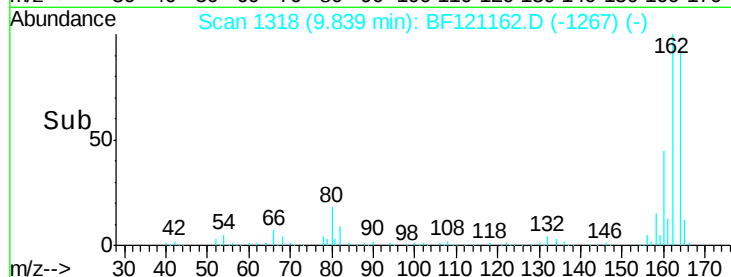
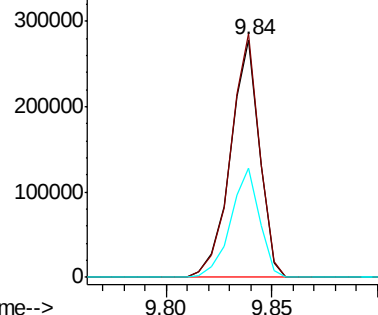
Tot Ion:	164	Resp:	266891
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.2	123.2
160	45.8	37.2	55.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.085 ng

RT: 8.96 min Scan# 1169

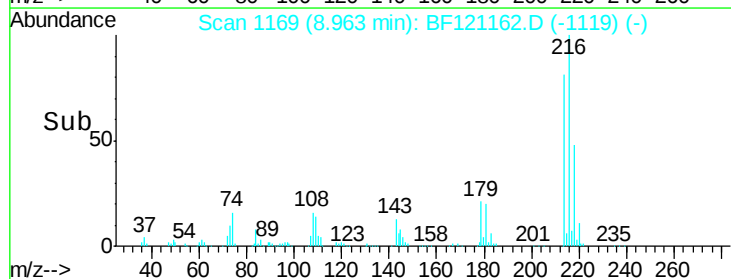
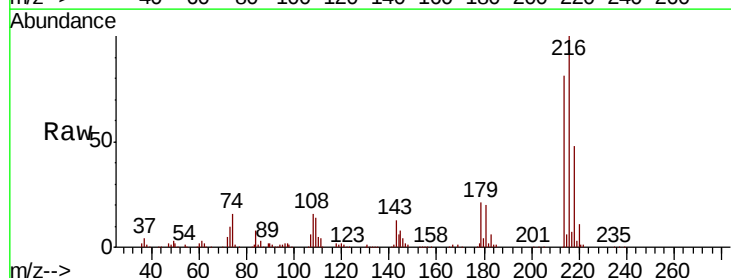
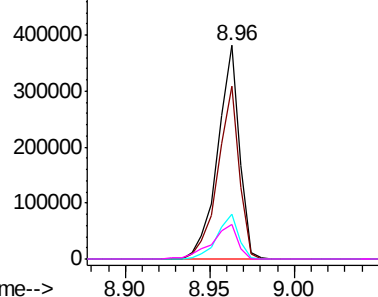
Delta R.T. -0.01 min

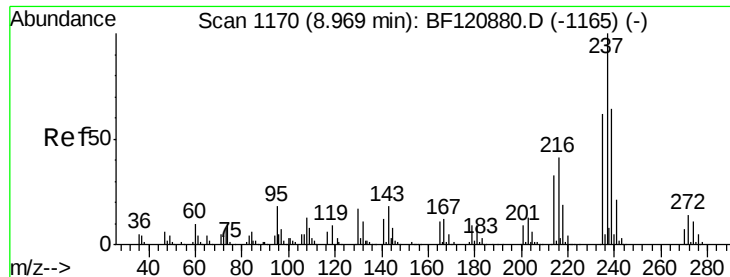
Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	216	Resp:	342808
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.9	95.9
179	20.6	16.6	24.8
108	19.6	15.0	22.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.055 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

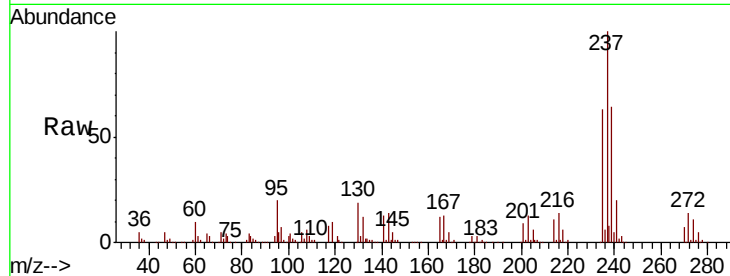
ClientSampleId :

TP-9MSD

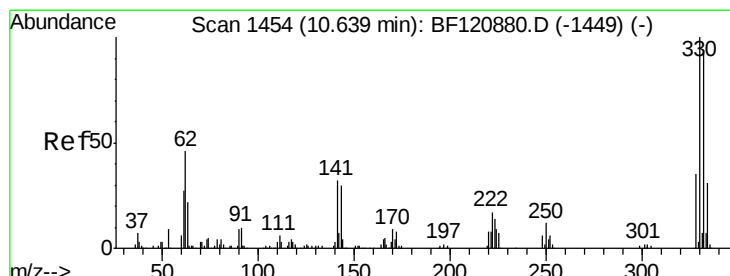
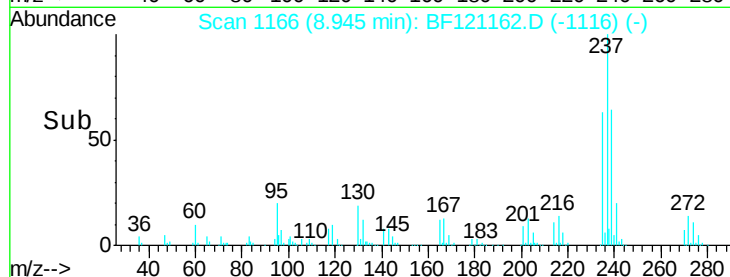
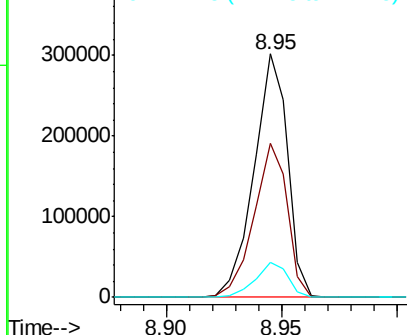
Tot Ion:	237	Resp:	305369
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	14.3	0.0	33.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 66.338 ng

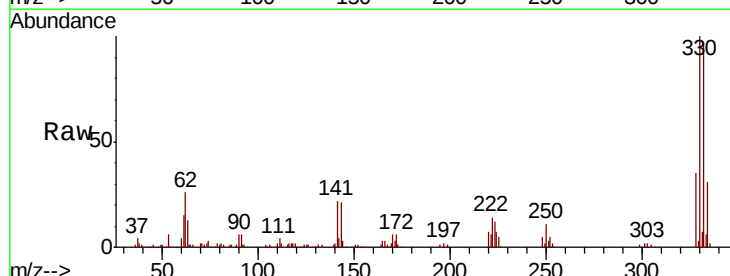
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

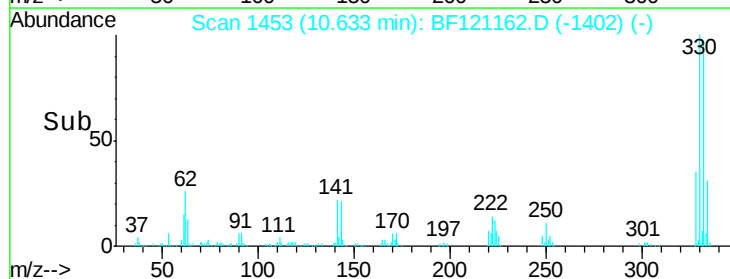
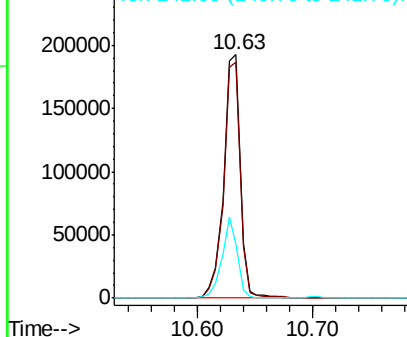
Lab File: BF121162.D

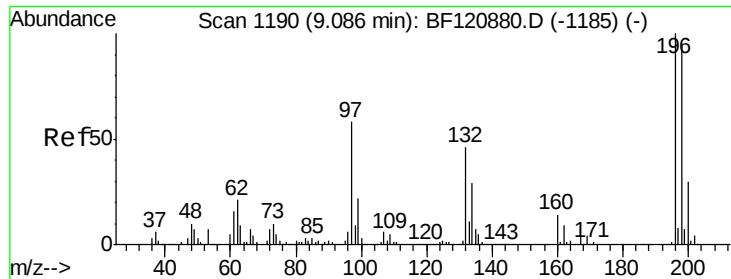
Acq: 31 Jul 2020 17:09

Tgt Ion:	330	Resp:	193800
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.1	114.1
141	30.4	24.1	36.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





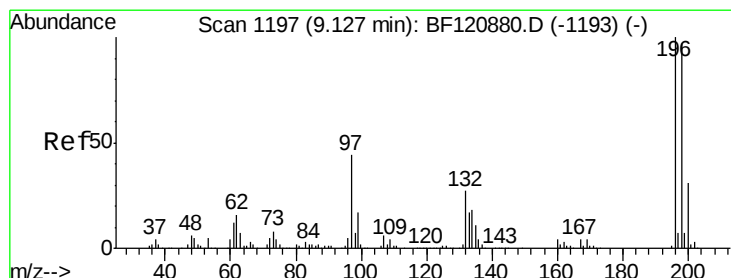
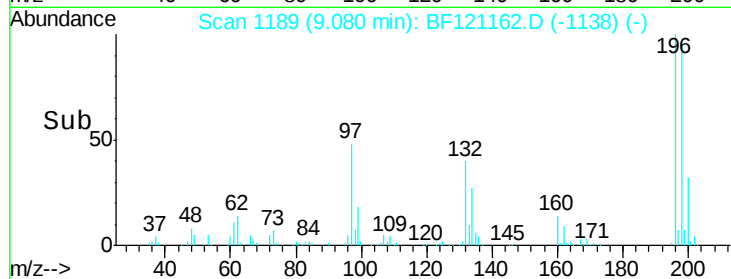
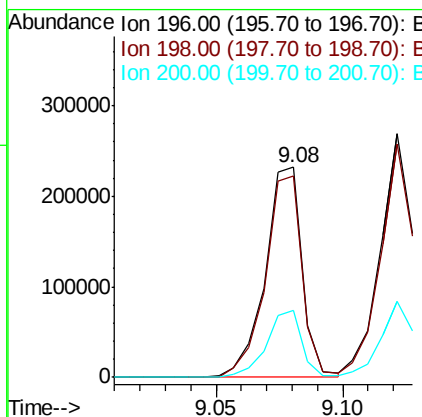
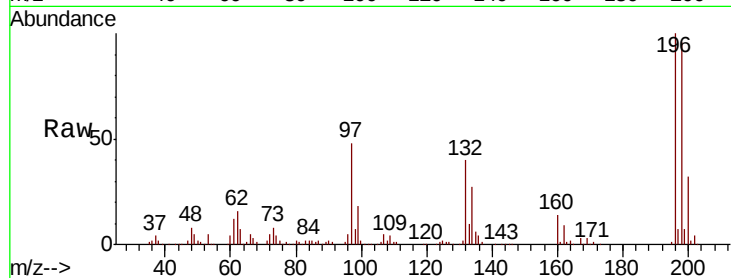
#43
 2,4,6-Trichlorophenol
 Concen: 43.433 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampled :
 TP-9MSD

Tot Ion:	196	Resp:	237800
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.5	116.3
200	31.6	24.6	37.0

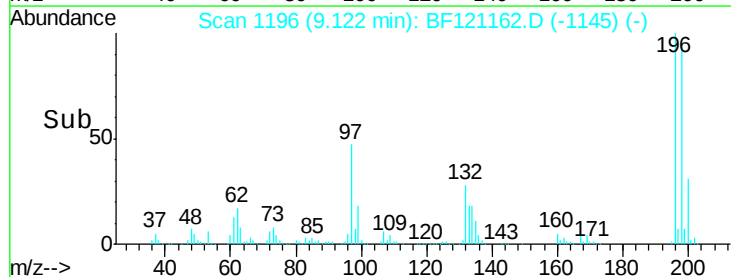
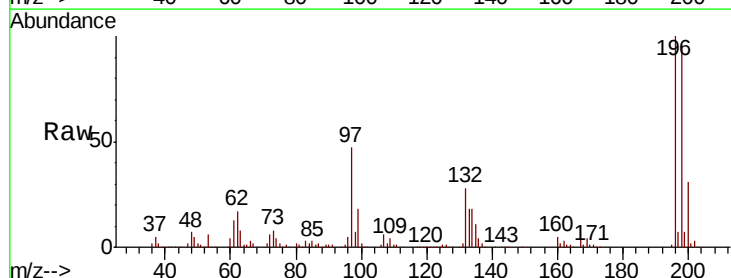
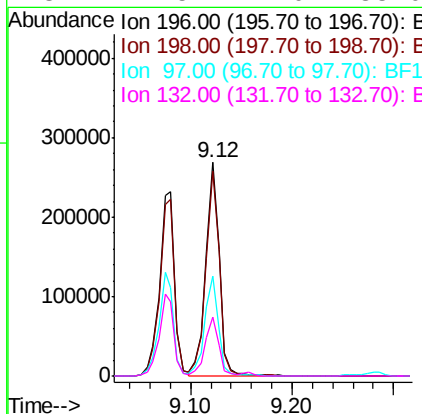
Manual Integrations
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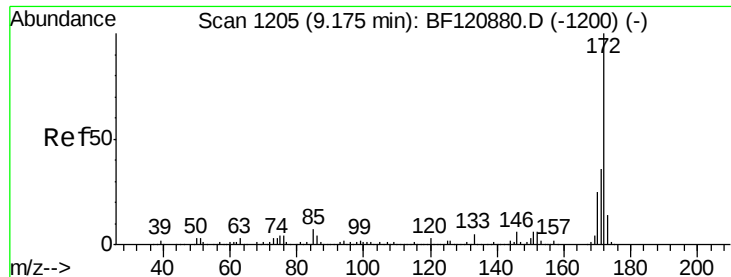
mohammad
 8/3/2020 12:23:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.997 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion:	196	Resp:	248403
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
97	46.7	37.3	55.9
132	27.5	22.0	33.0





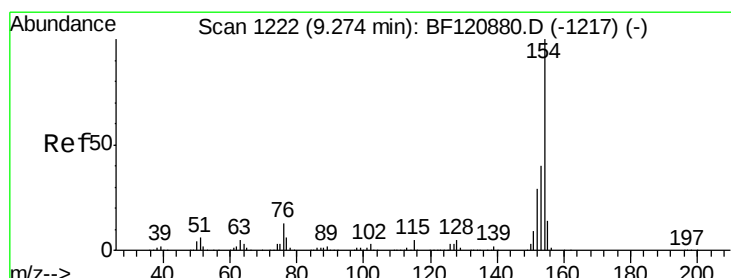
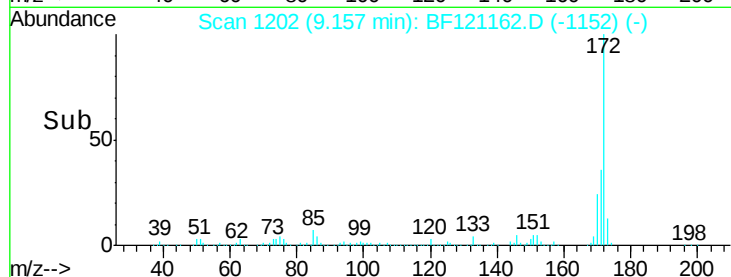
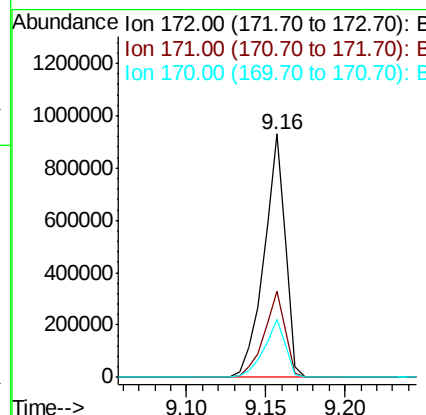
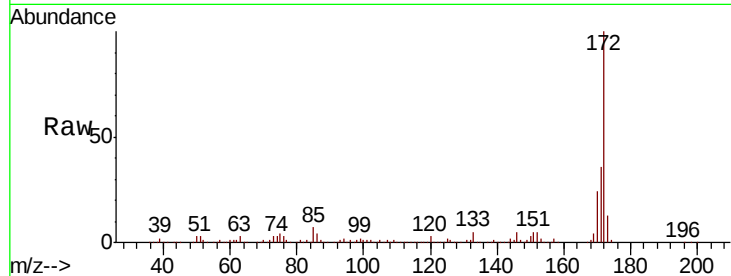
#45
2-Fluorobiphenyl
Concen: 49.053 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.6	29.0	43.4		
170	24.0	19.6	29.4		

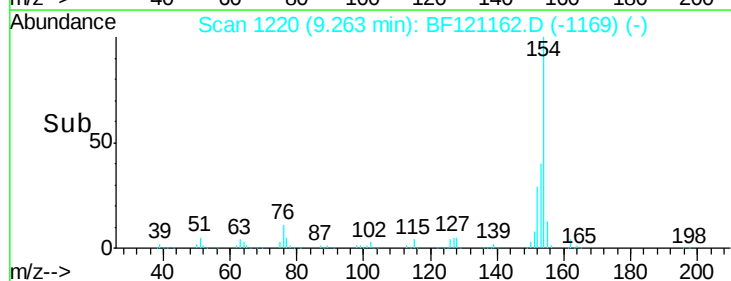
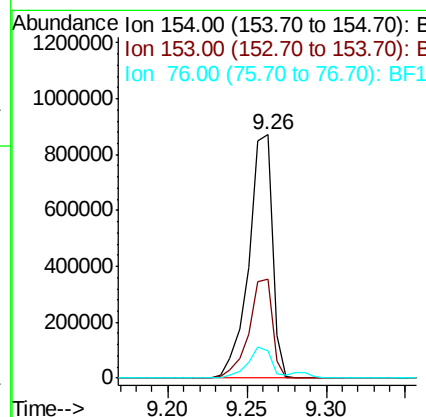
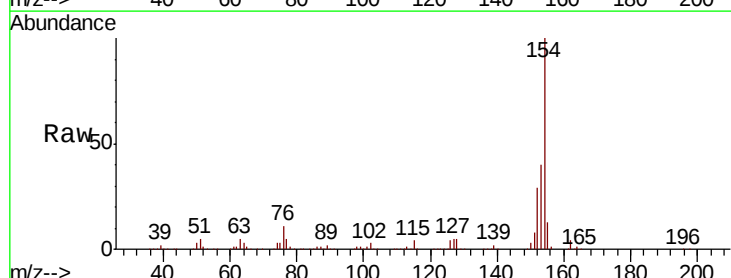
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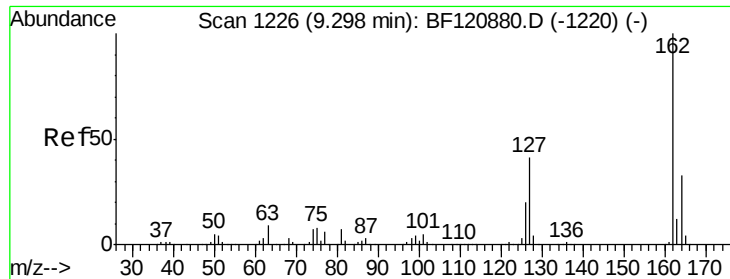
mohammad
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#46
1,1'-Biphenyl
Concen: 43.911 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.4	20.6	60.6		
76	11.4	0.0	33.4		





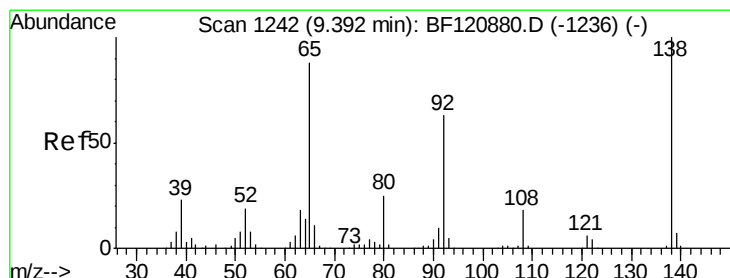
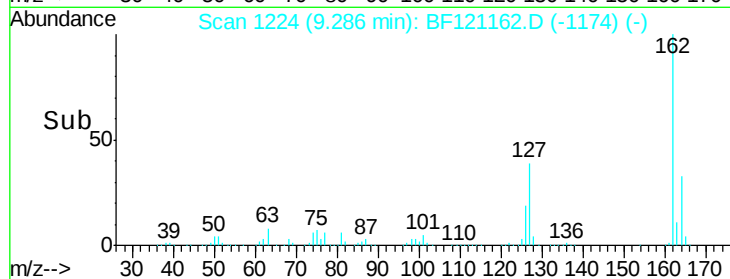
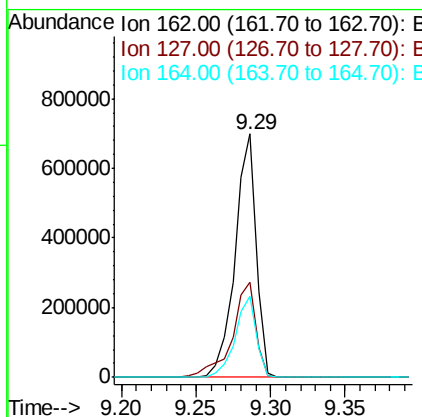
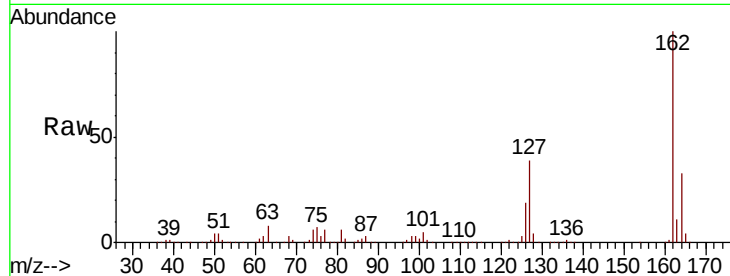
#47
2-Chloronaphthalene
Concen: 41.785 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	693554		
127	39.1		31.1	46.7
164	33.4		26.6	40.0

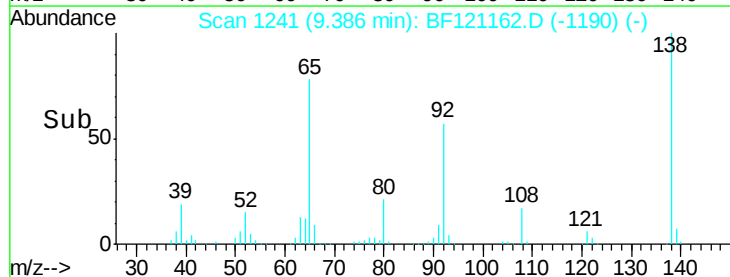
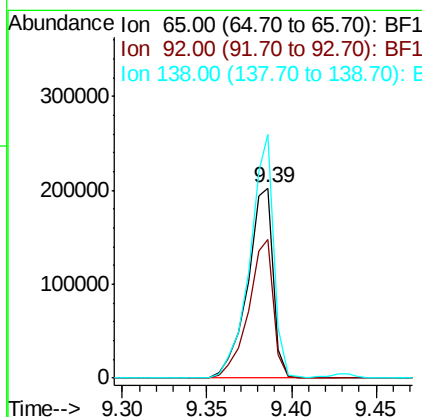
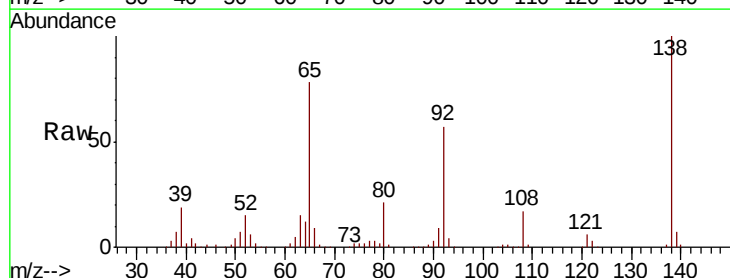
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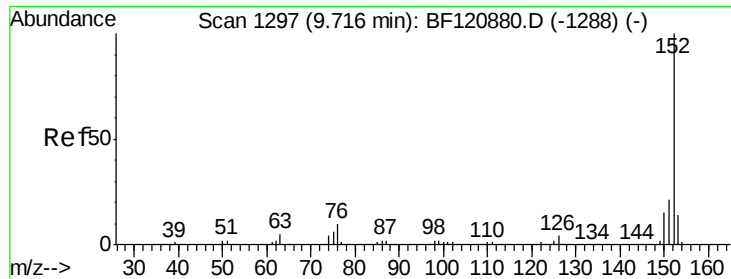
mohammad
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#48
2-Nitroaniline
Concen: 43.120 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	216296		
92	73.1		58.0	87.0
138	128.0		93.3	139.9





#49

Acenaphthylene

Concen: 43.168 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

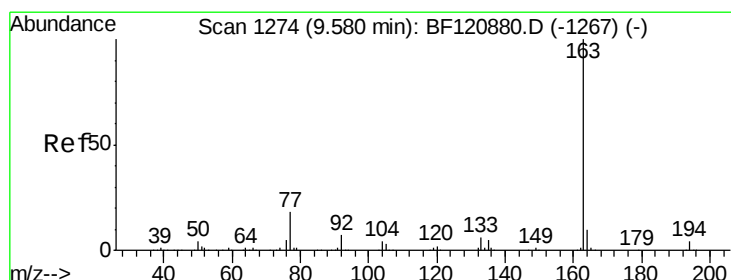
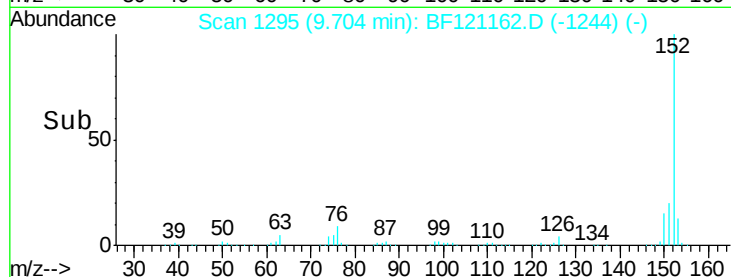
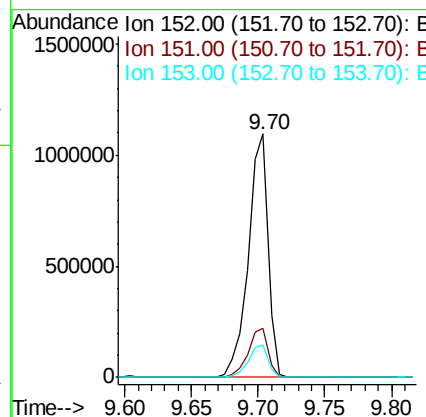
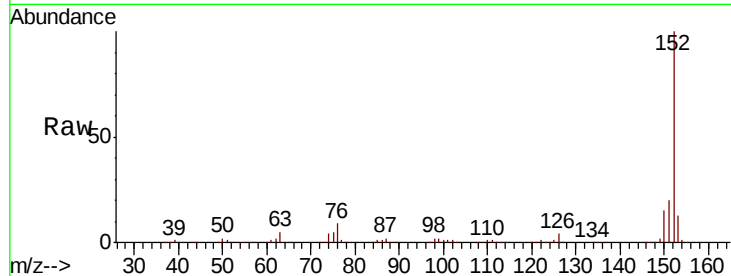
ClientSampleId :

TP-9MSD

Tot Ion:	152	Resp:	1113114
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 46.624 ng

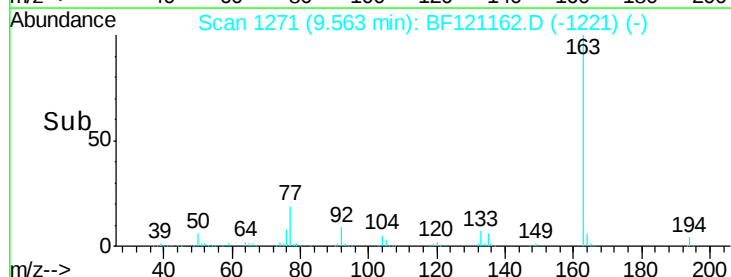
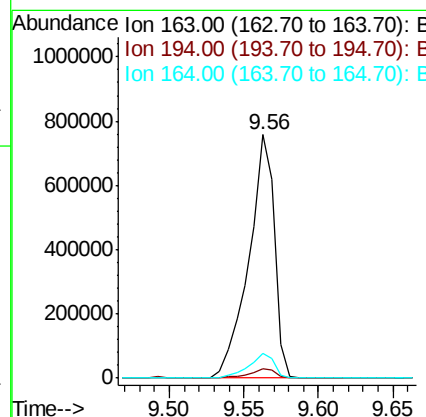
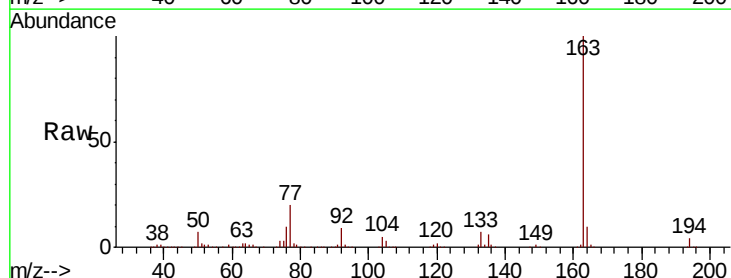
RT: 9.56 min Scan# 1271

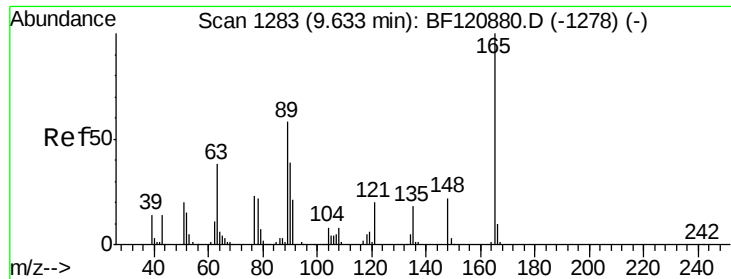
Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	163	Resp:	897715
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.4	12.6





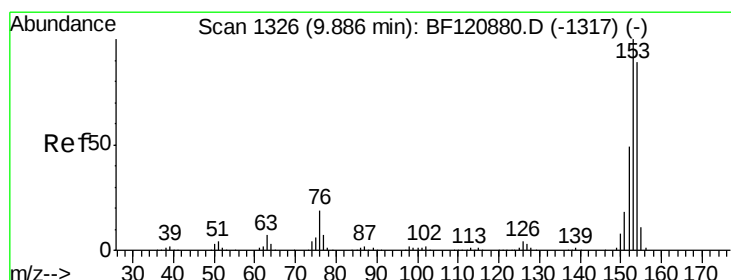
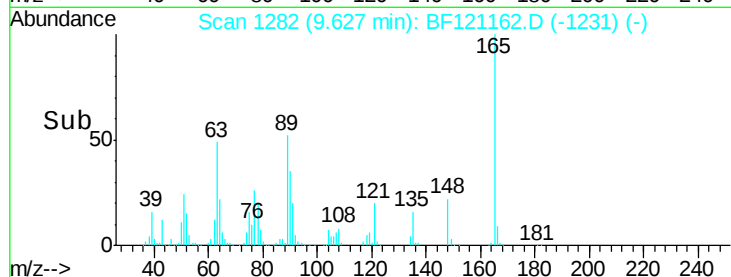
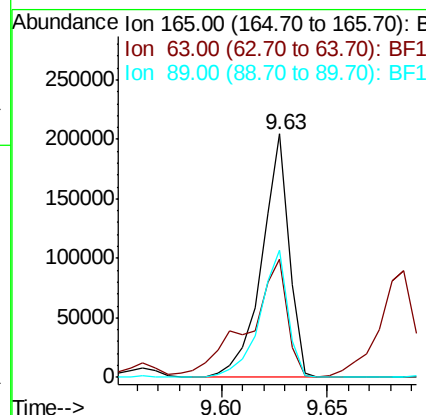
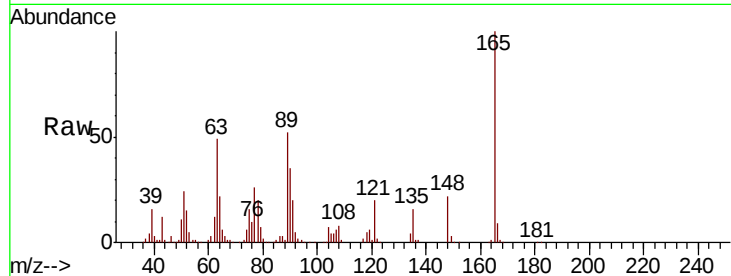
#51
2,6-Dinitrotoluene
Concen: 44.483 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampled :
TP-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184012		
63	48.7		41.1	61.7
89	52.2		43.5	65.3

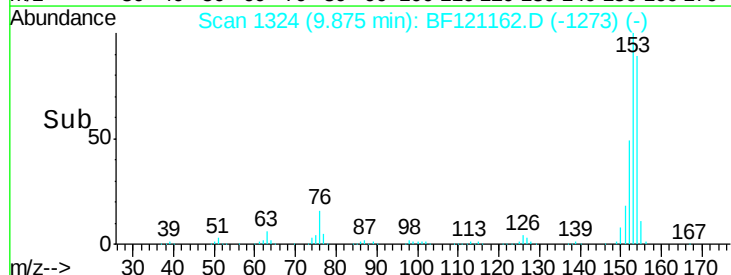
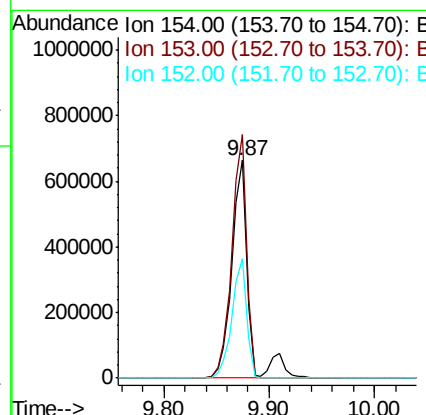
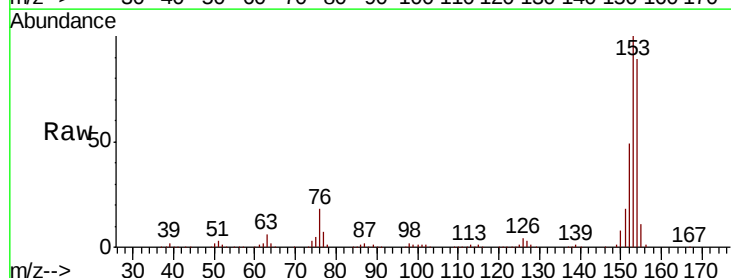
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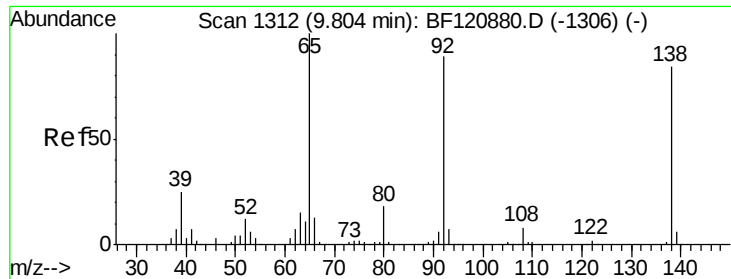
mohammad
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#52
Acenaphthene
Concen: 43.434 ng m
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	712053		
153	111.8		89.6	134.4
152	54.9		43.8	65.6





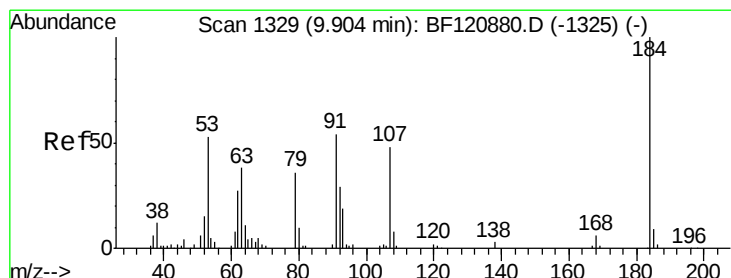
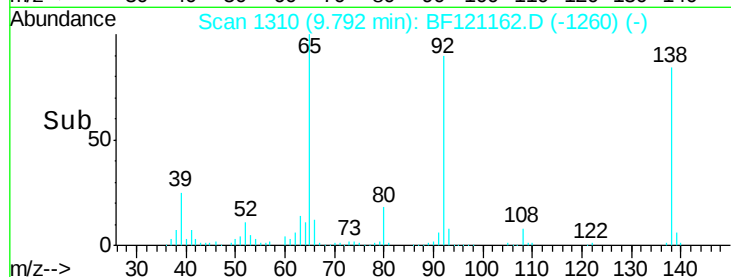
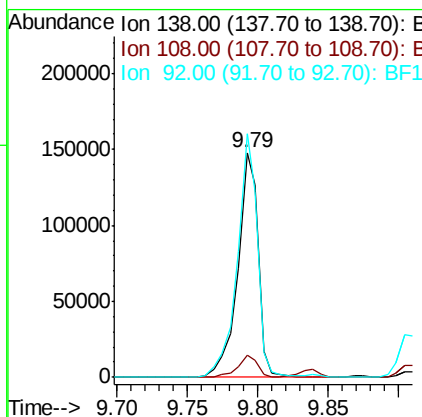
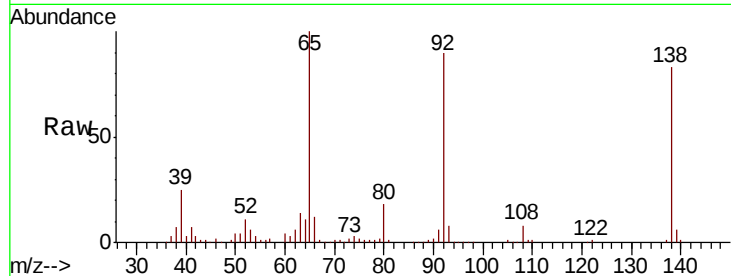
#53
3-Nitroaniline
Concen: 28.677 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.8
92	108.5	85.0	127.4

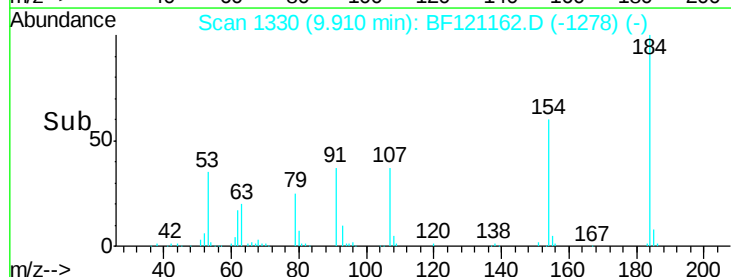
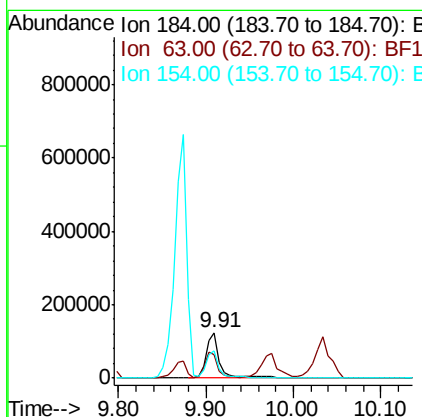
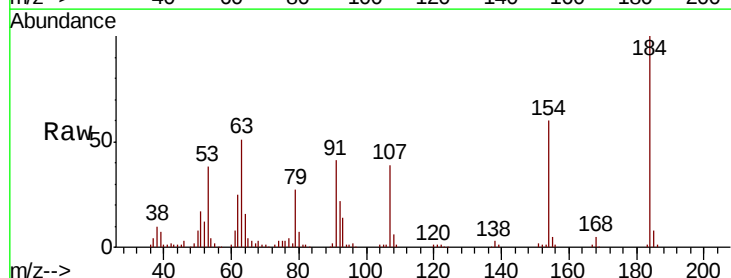
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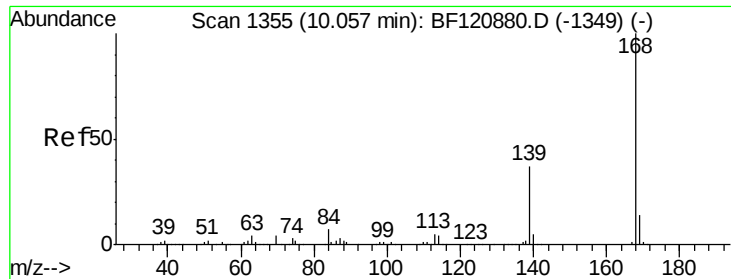
mohammad
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#54
2,4-Dinitrophenol
Concen: 57.760 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.4	42.5	63.7
154	60.2	46.8	70.2





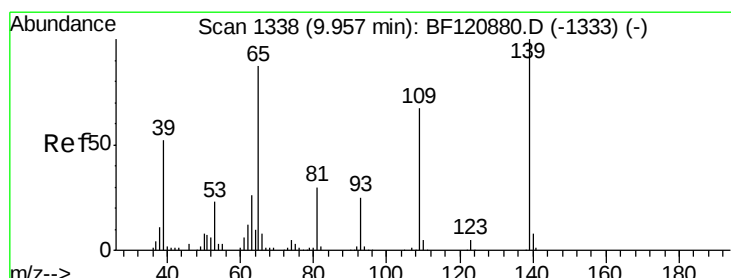
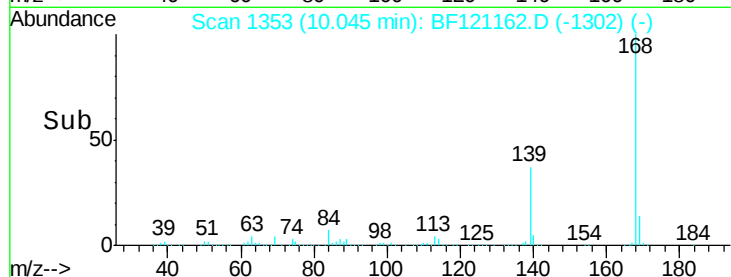
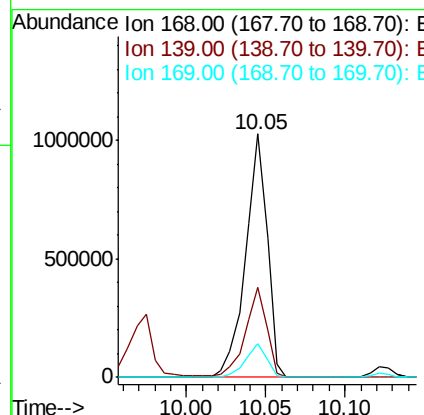
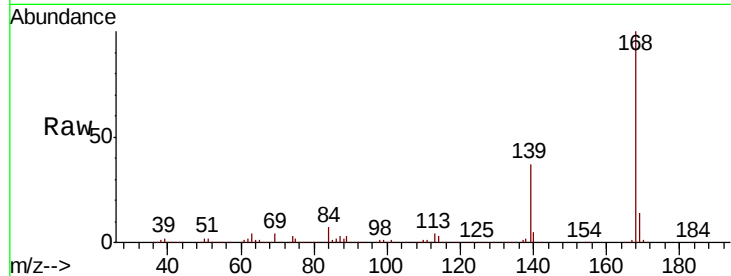
#55
Dibenzenofuran
Concen: 40.854 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.7	11.3	16.9

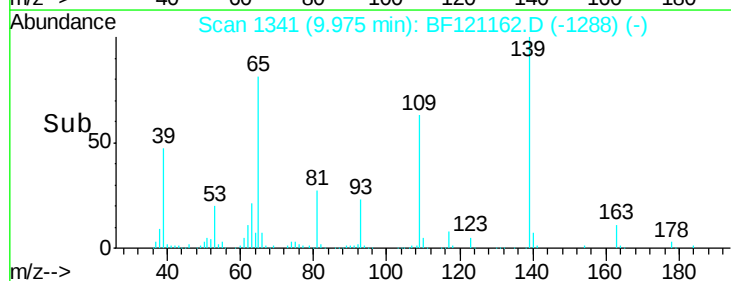
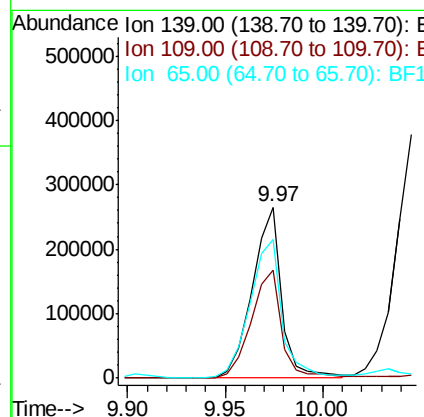
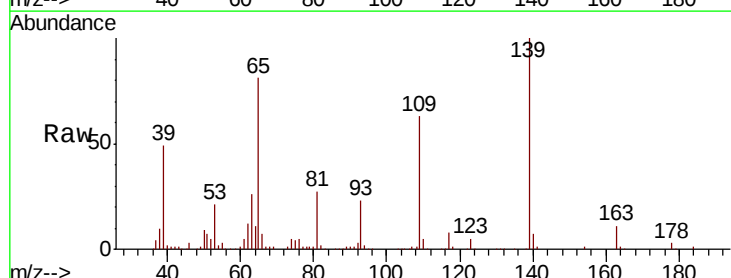
Manual Integrations
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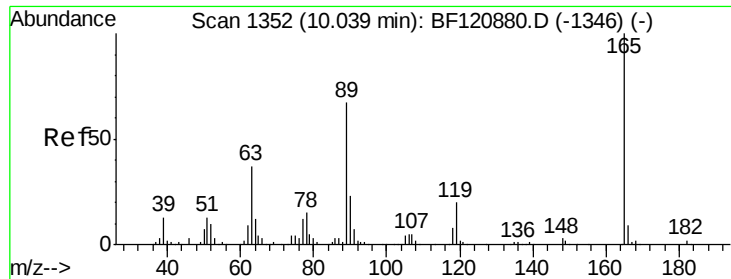
mohammad
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#56
4-Nitrophenol
Concen: 70.231 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	44.8	84.8
65	81.4	65.6	105.6





#57

2,4-Dinitrotoluene

Concen: 43.496 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

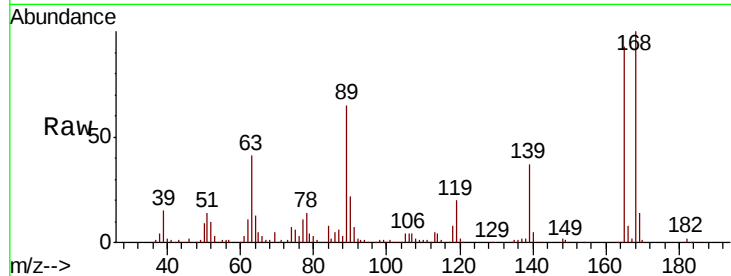
ClientSampleId :

TP-9MSD

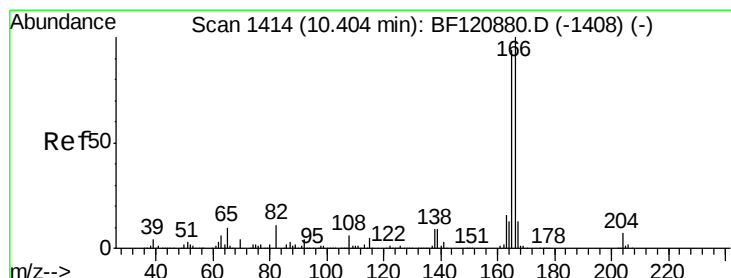
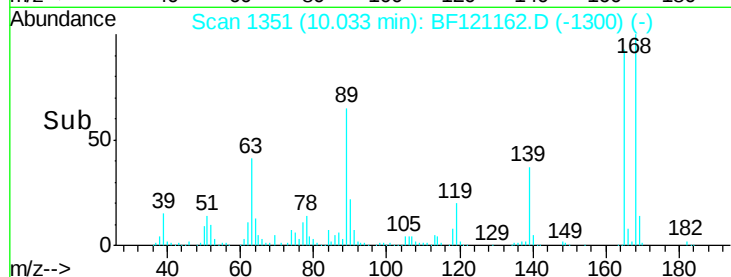
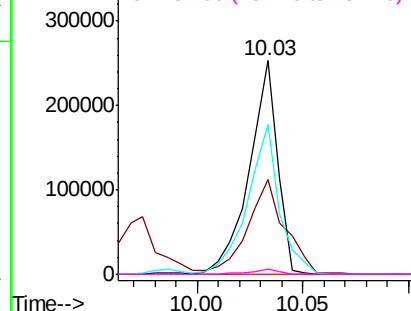
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	29.8	44.8	
89	70.2	50.3	75.5	
182	2.3	2.1	3.1	

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: 40.603 ng

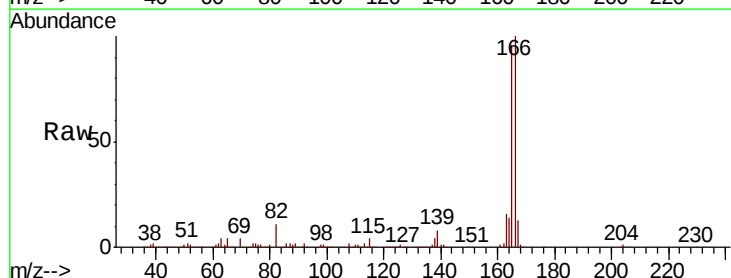
RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

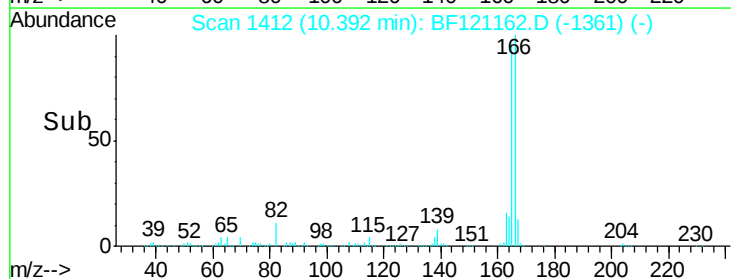
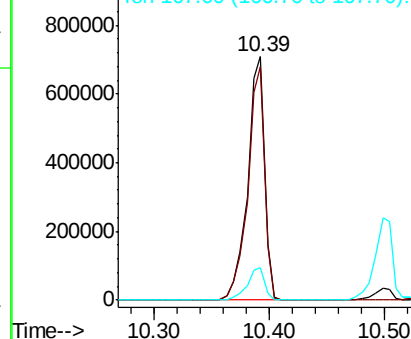
Lab File: BF121162.D

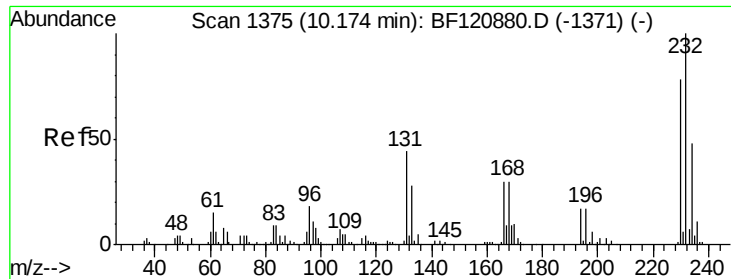
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.7	76.4	114.6	
167	13.2	10.7	16.1	



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





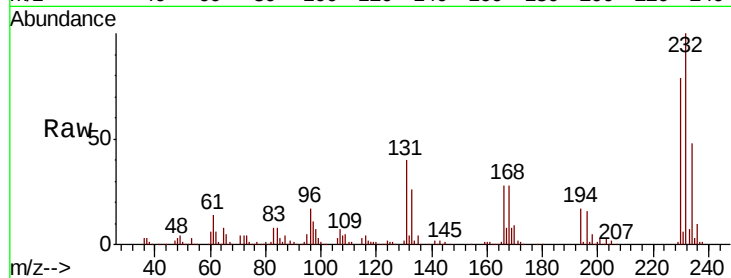
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.110 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

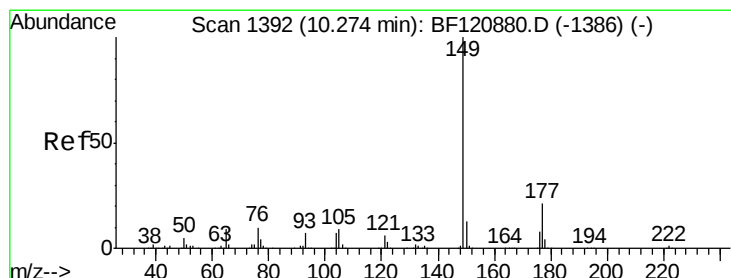
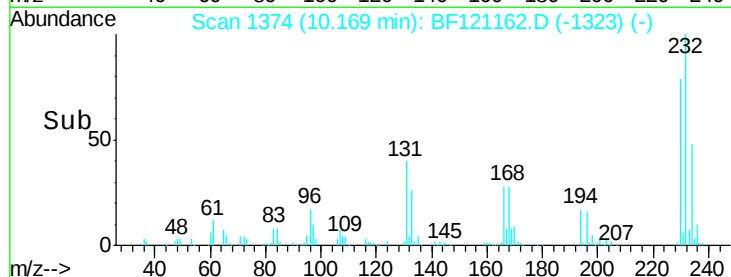
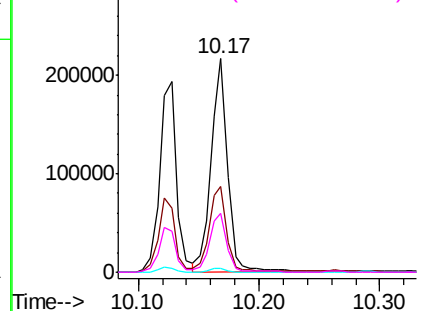
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.2	51.2
130	2.0	1.7	2.5
166	28.4	23.1	34.7

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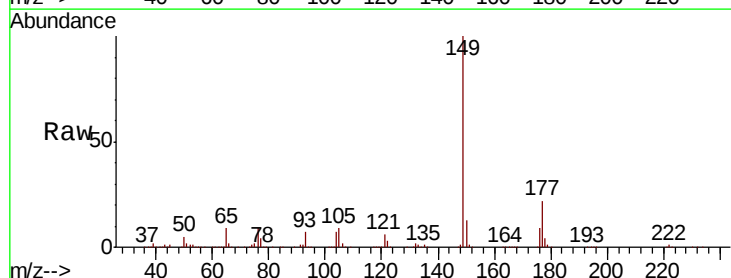


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

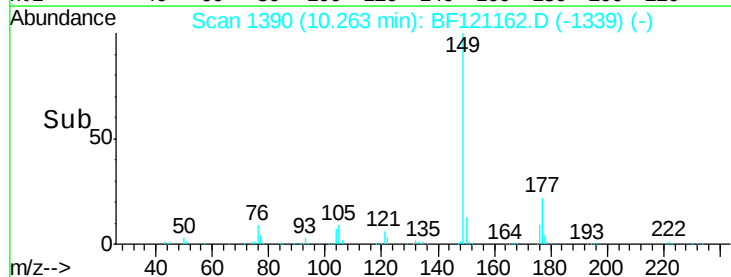
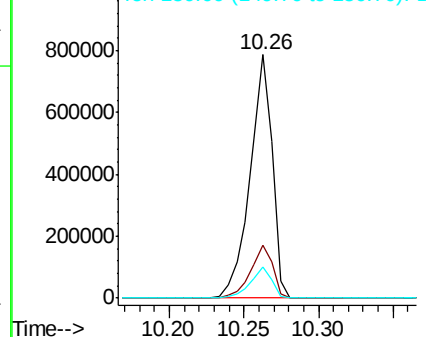


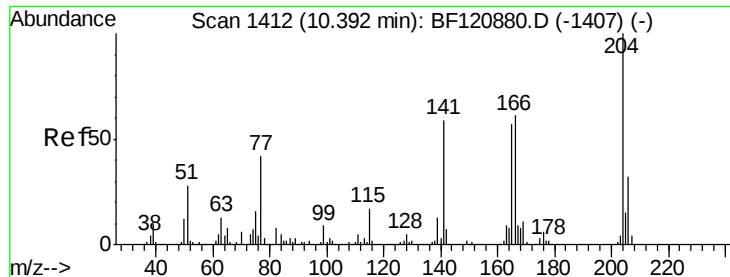
#60
Diethylphthalate
Concen: 41.289 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.6	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





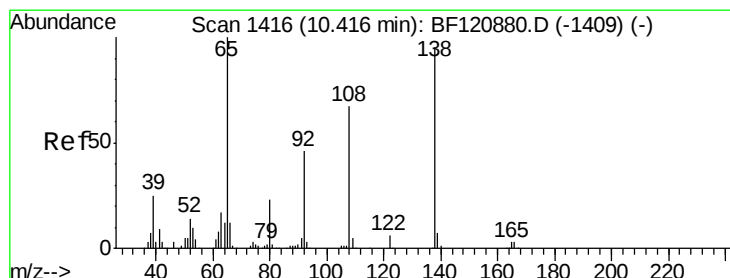
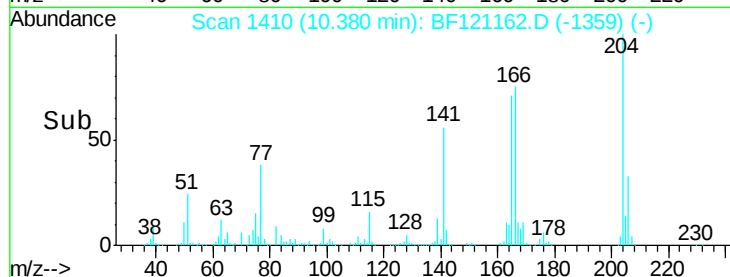
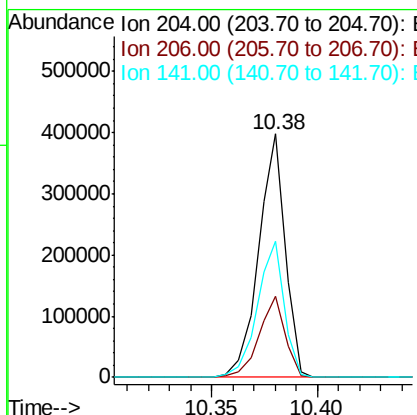
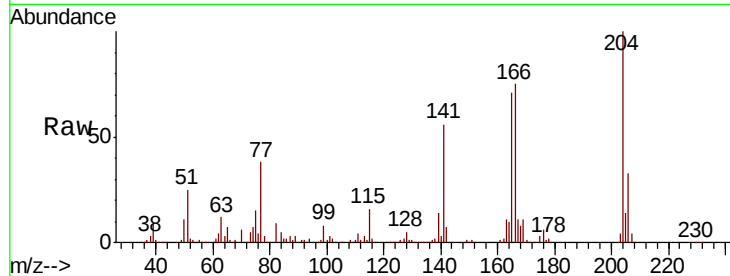
#61
 4-Chlorophenyl-phenylether
 Concen: 36.887 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampled :
 TP-9MSD

Tot Ion:	204	Resp:	347878
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.0	39.0
141	55.9	46.9	70.3

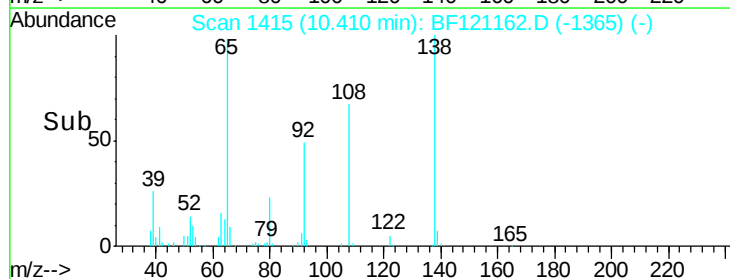
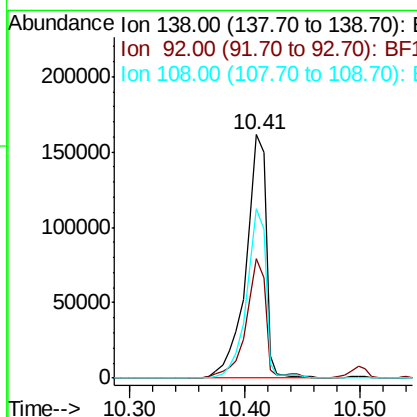
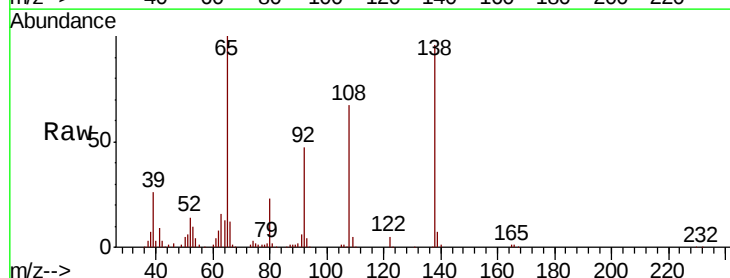
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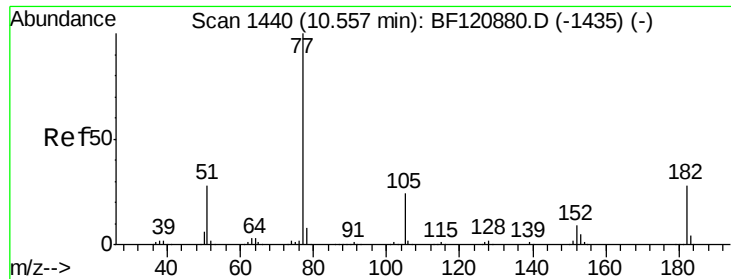
mohammad
 8/3/2020 12:23:12 PM



#62
 4-Nitroaniline
 Concen: 38.882 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion:	138	Resp:	196500
Ion Ratio	Lower	Upper	
138	100		
92	49.1	25.2	65.2
108	69.5	46.7	86.7





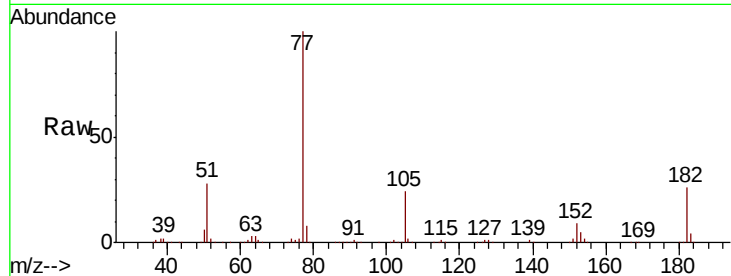
#63
Azobenzene
Concen: 40.467 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

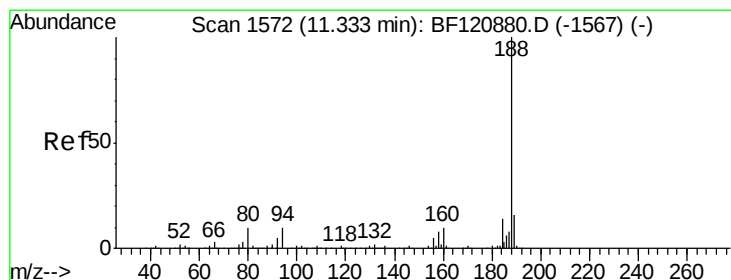
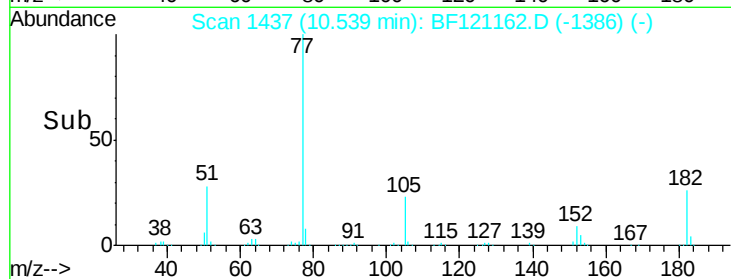
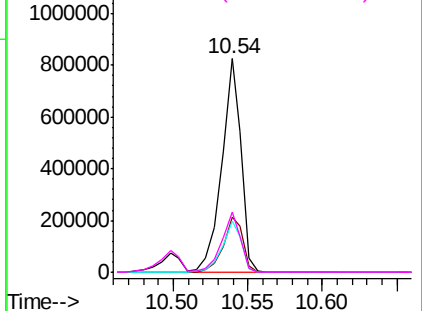
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	4.5	44.5	
105	23.7	3.4	43.4	
51	28.3	8.7	48.7	

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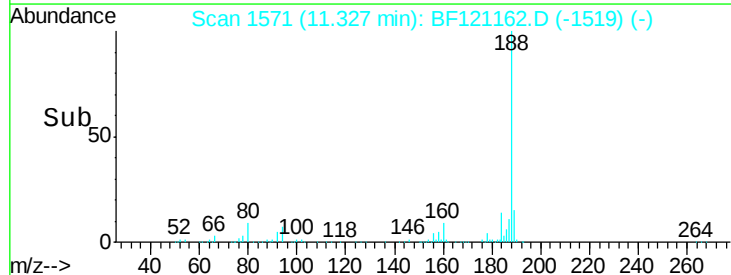
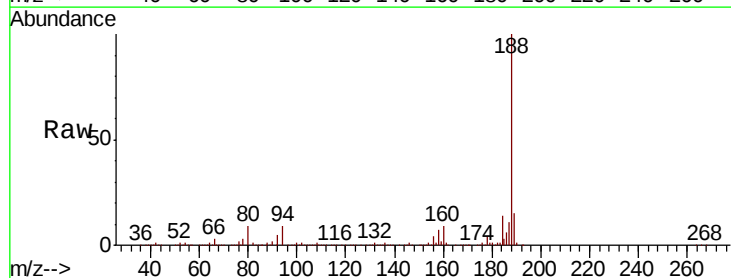
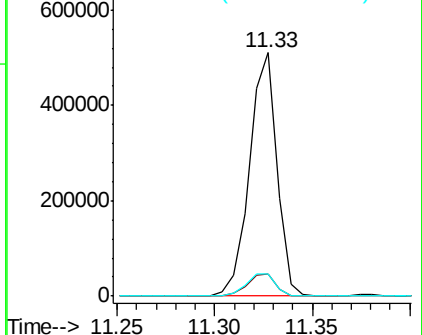
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

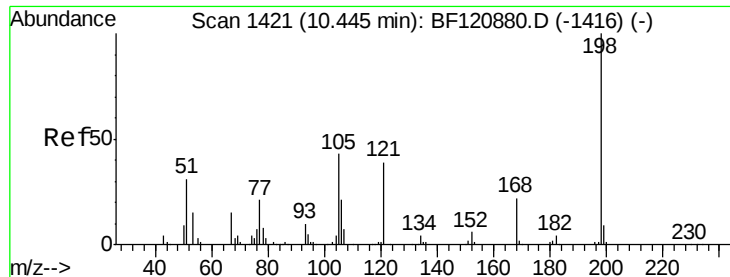


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	8.0	12.0	
80	8.9	8.3	12.5	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 37.445 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

ClientSampled :

TP-9MSD

Tot Ion:198 Resp: 104981

Ion Ratio Lower Upper

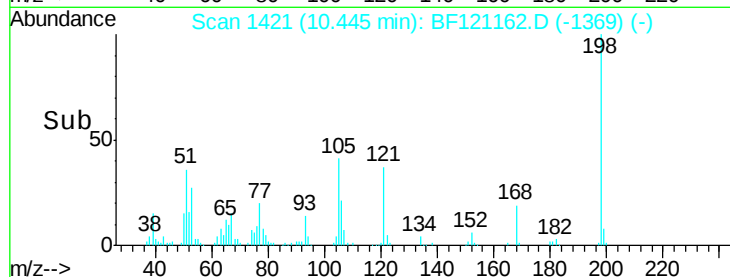
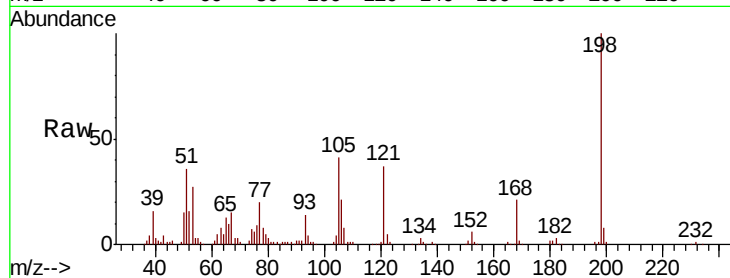
198 100

51 35.9 23.4 63.4

105 40.6 23.7 63.7

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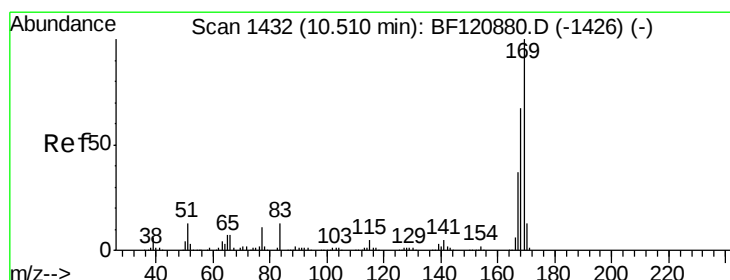
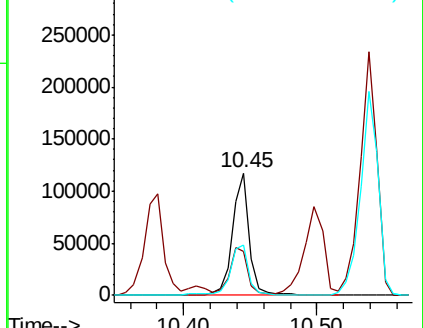
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.910 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

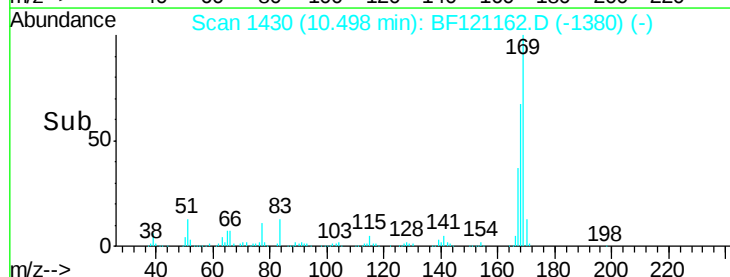
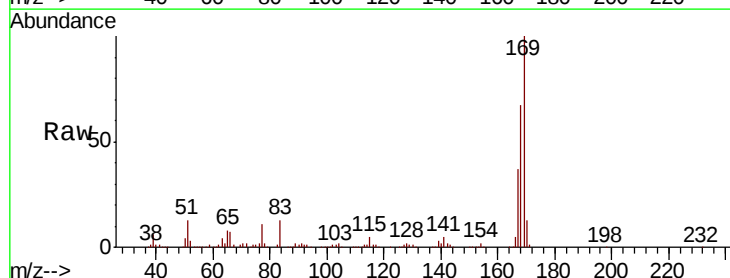
Tgt Ion:169 Resp: 685960

Ion Ratio Lower Upper

169 100

168 67.0 53.7 80.5

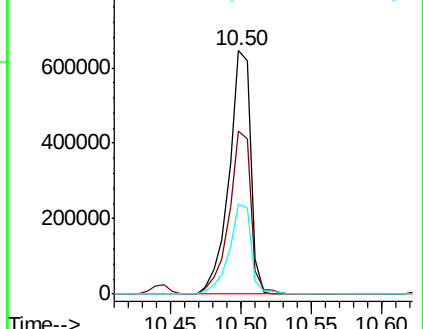
167 37.2 30.0 45.0

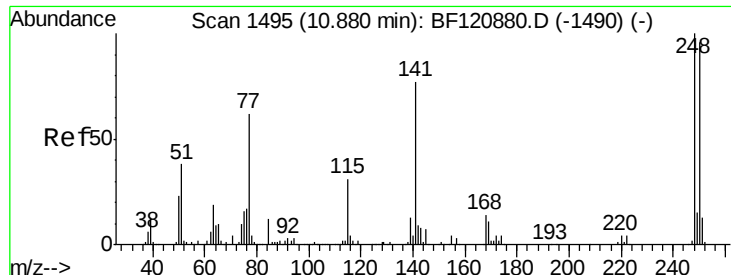


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





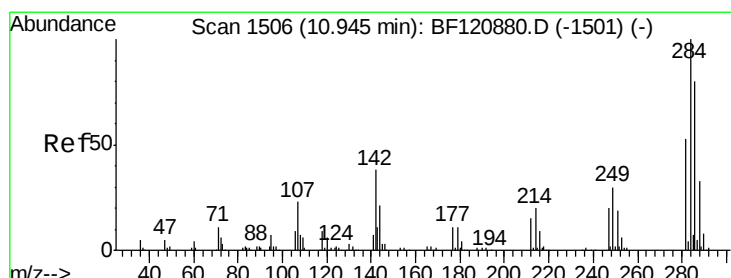
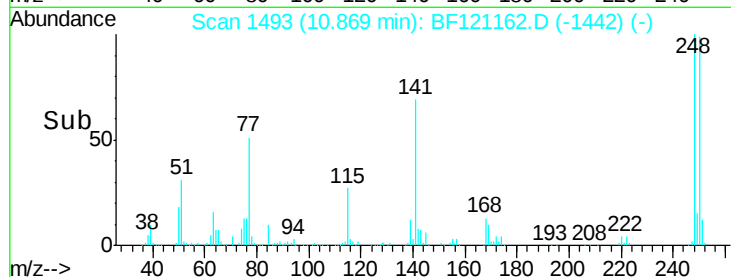
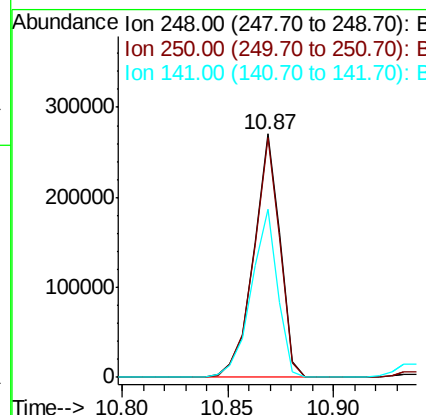
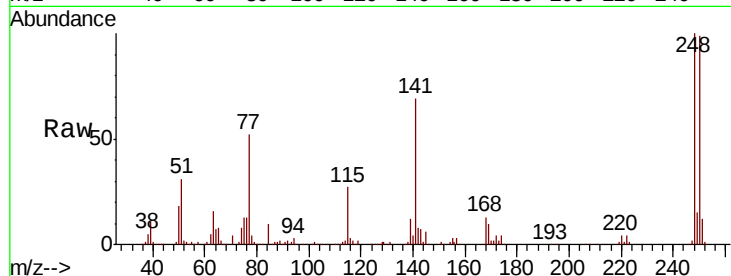
#67
 4-Bromophenyl-phenylether
 Concen: 42.289 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion:	248	Resp:	234139
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.0	115.6
141	68.9	56.6	85.0

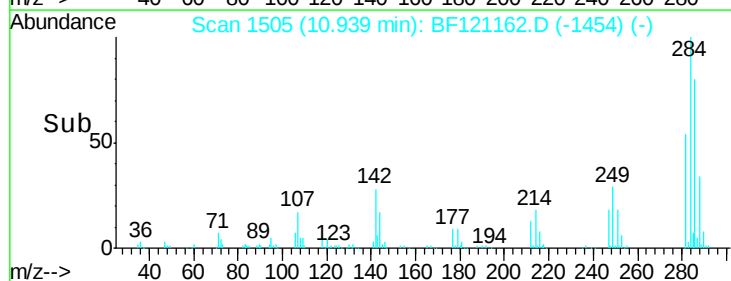
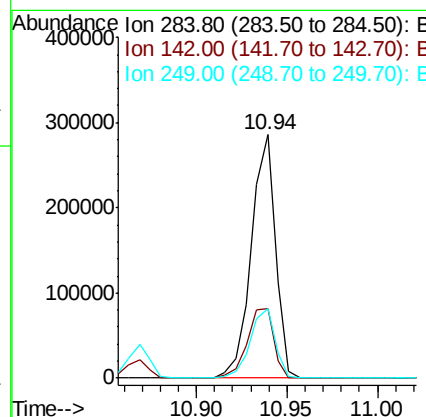
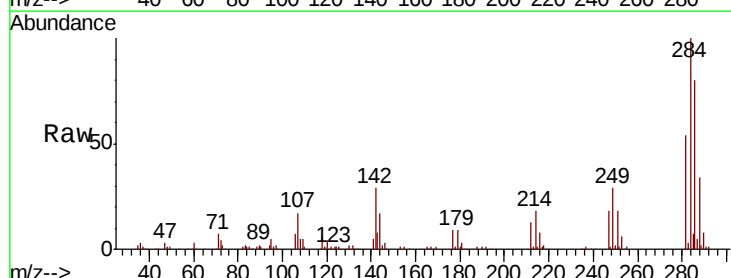
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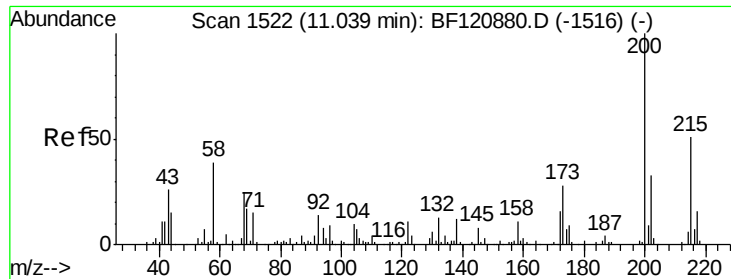
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#68
 Hexachlorobenzene
 Concen: 44.204 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion:	284	Resp:	264747
Ion Ratio	Lower	Upper	
284	100		
142	28.7	21.1	31.7
249	28.7	22.5	33.7





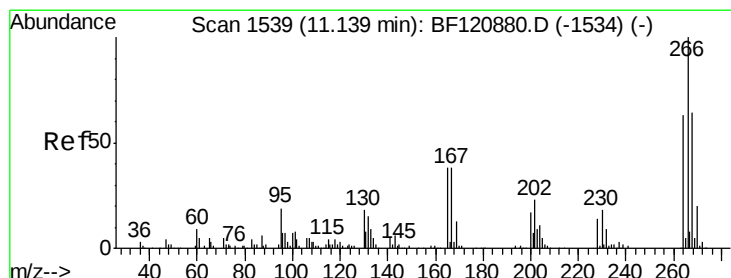
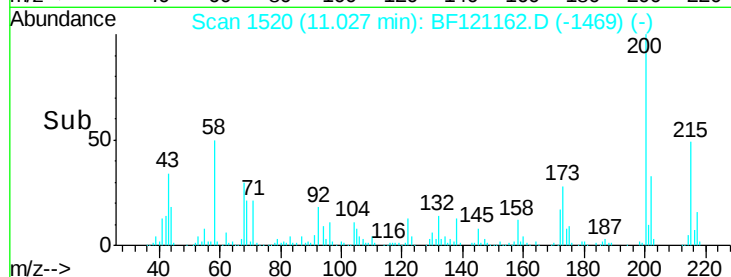
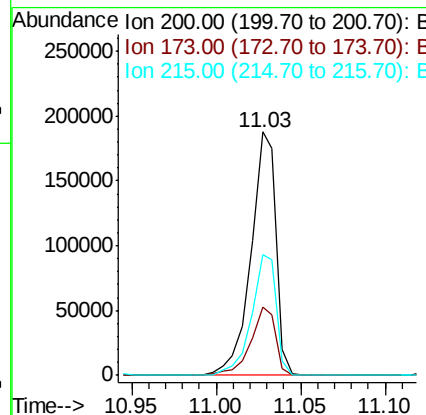
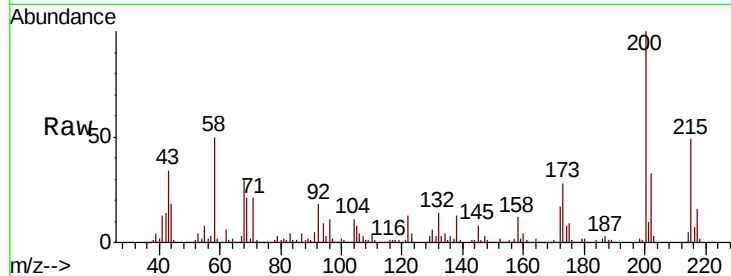
#69
Atrazine
Concen: 50.356 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampled :
TP-9MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	7.6	47.6
215	49.4	28.8	68.8

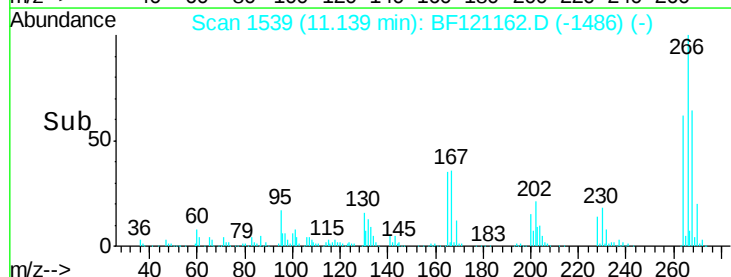
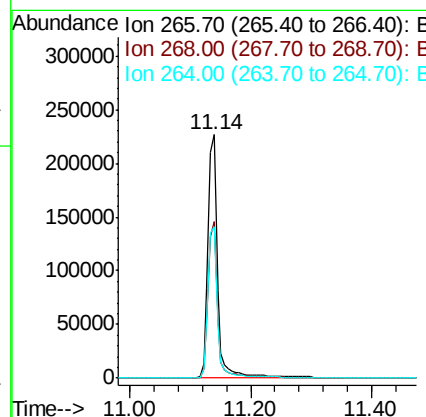
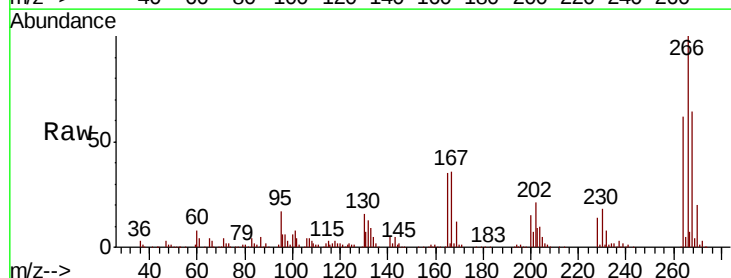
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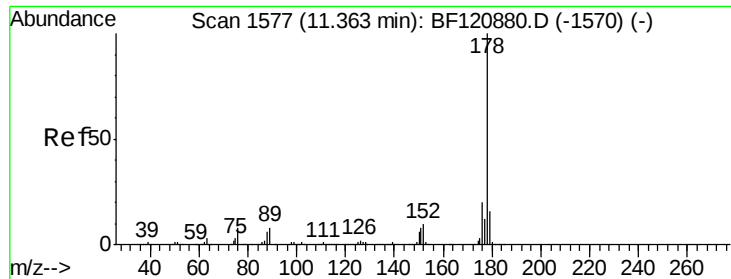
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#70
Pentachlorophenol
Concen: 74.239 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	49.7	74.5
264	62.0	50.4	75.6





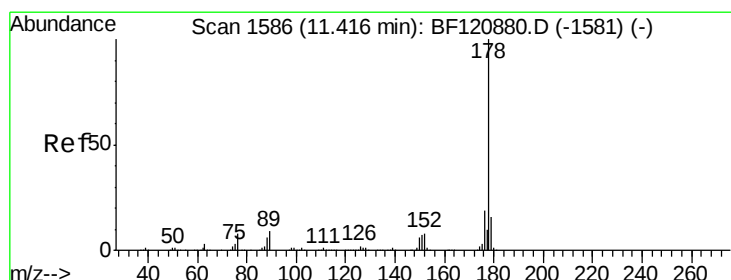
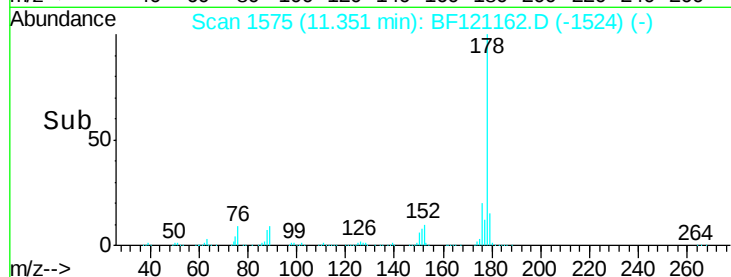
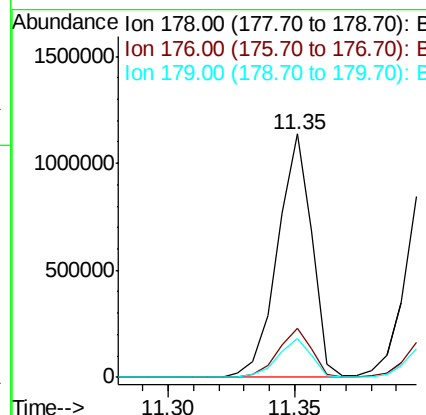
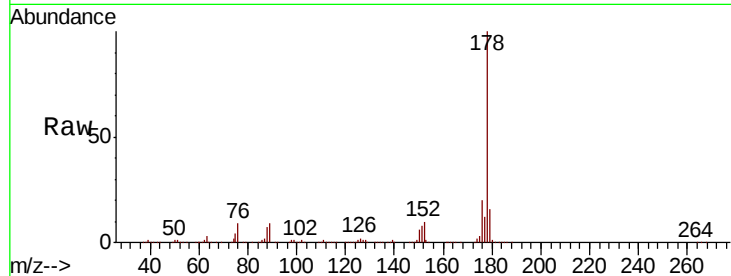
#71
Phenanthrene
Concen: 42.043 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion:178 Resp: 1073774
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.7 12.6 19.0

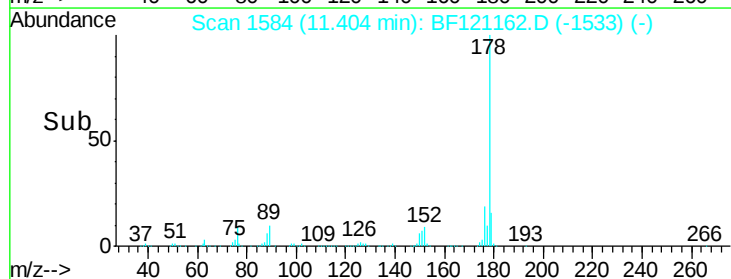
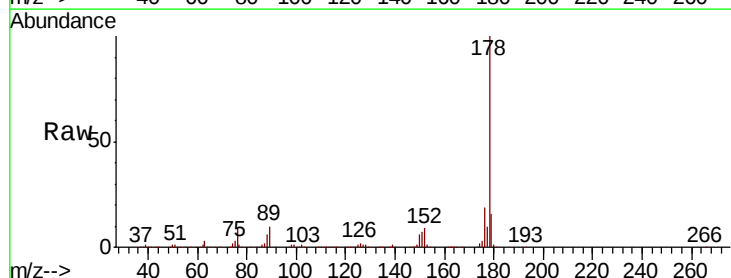
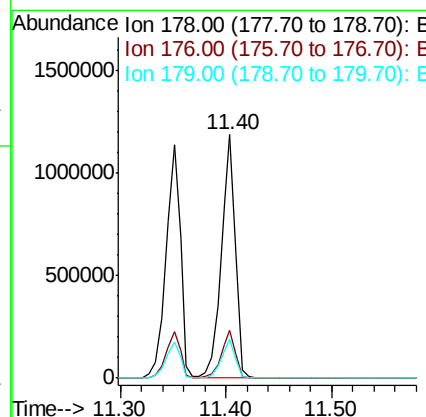
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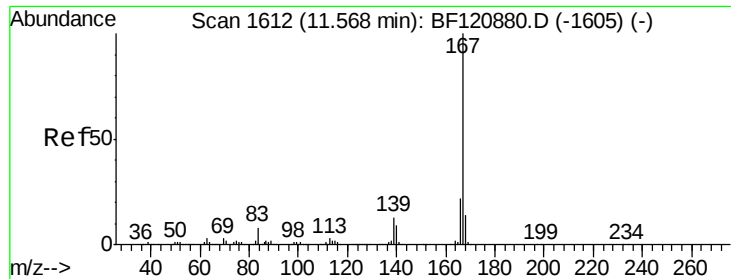
mohammad
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#72
Anthracene
Concen: 43.778 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion:178 Resp: 1122725
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.9 12.6 19.0





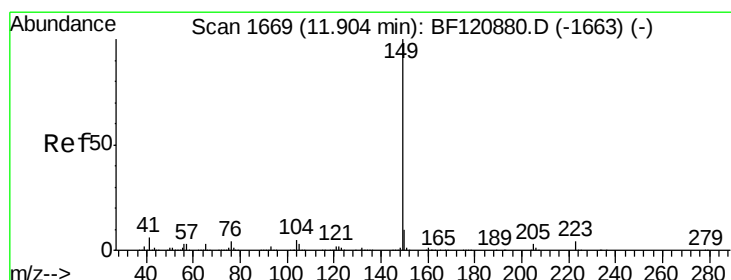
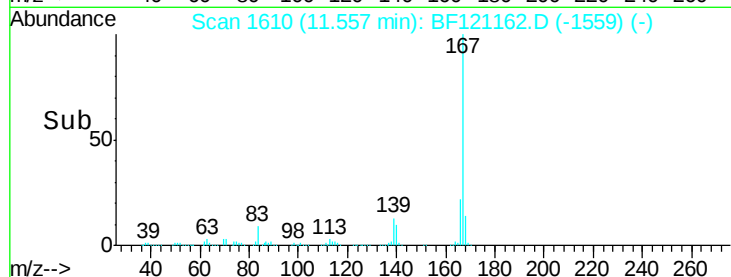
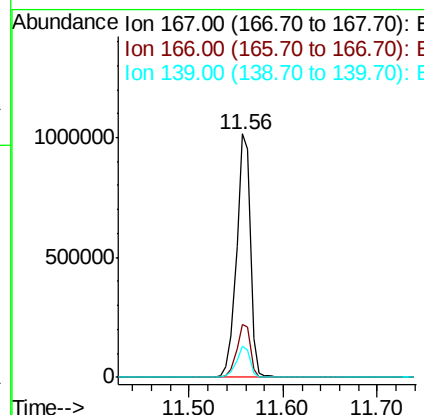
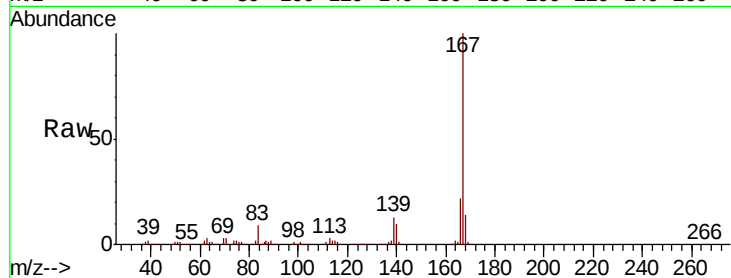
#73
 Carbazole
 Concen: 40.918 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.9	10.5	15.7

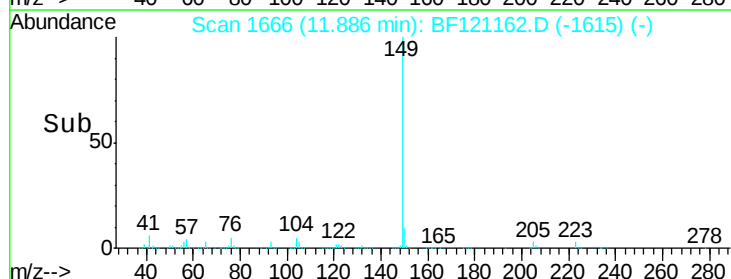
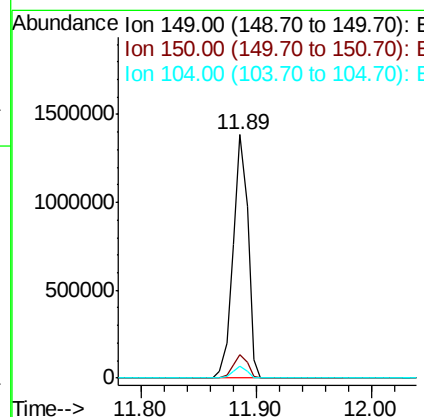
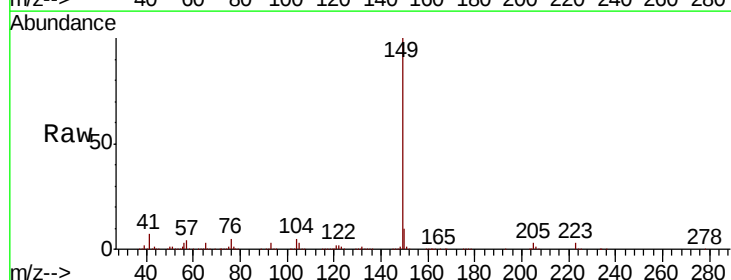
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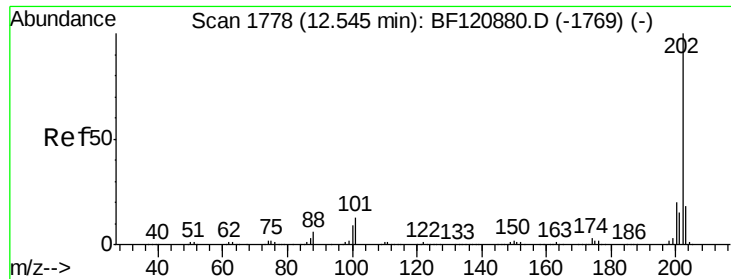
mohammad
 8/3/2020 12:23:12 PM



#74
 Di-n-butylphthalate
 Concen: 41.829 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.8	3.9	5.9





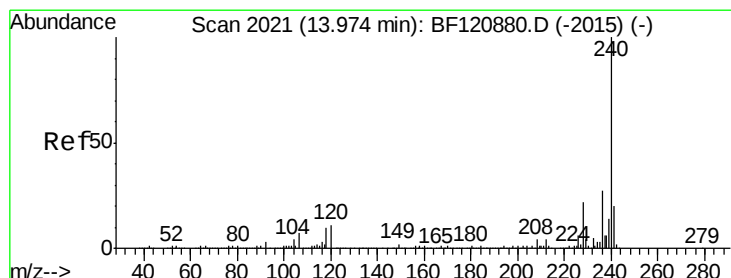
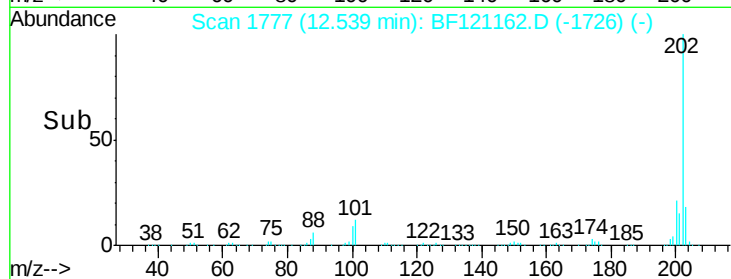
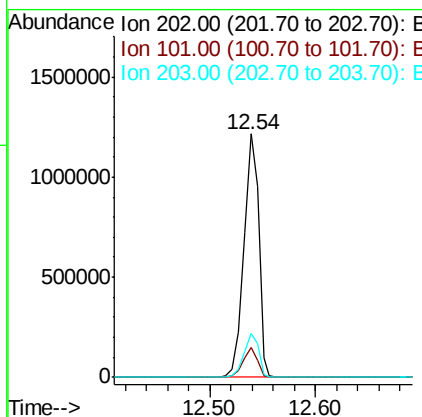
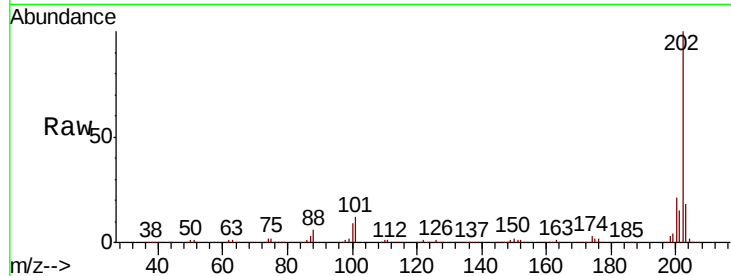
#75
 Fluoranthene
 Concen: 41.048 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1162027		
101	12.3		0.0	30.5
203	18.2		0.0	37.7

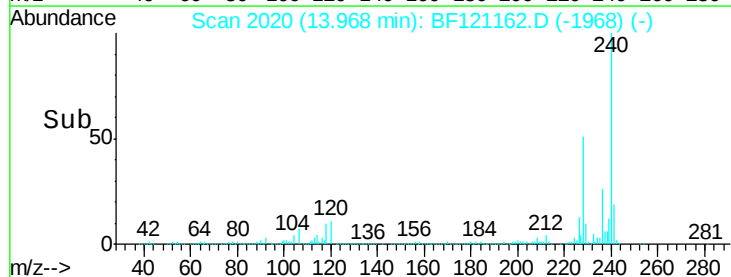
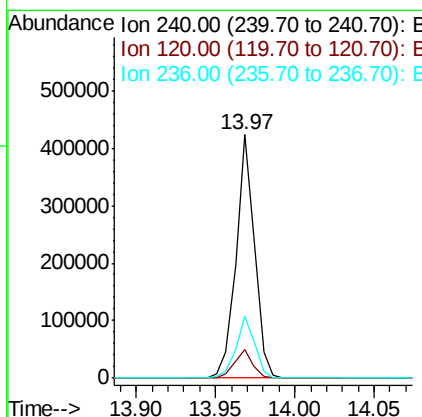
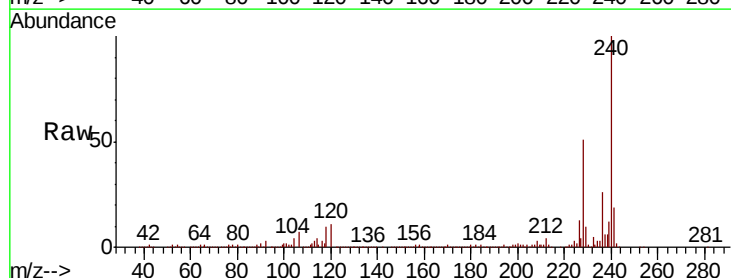
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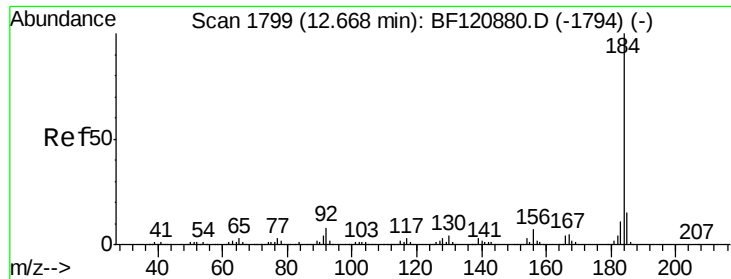
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343787		
120	11.5		9.3	13.9
236	25.6		21.1	31.7





#77

Benzidine

Concen: 67.166 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

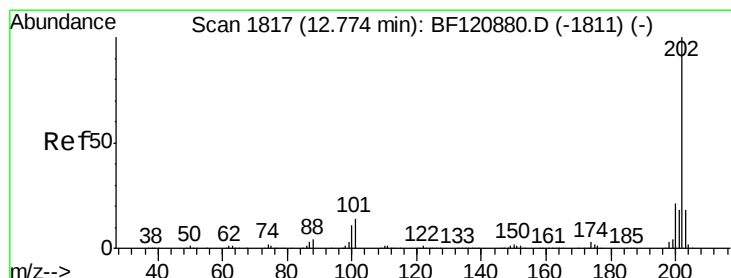
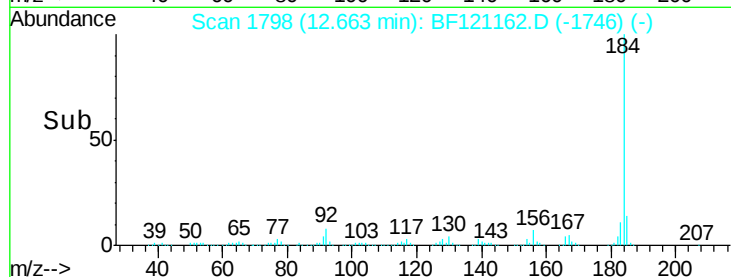
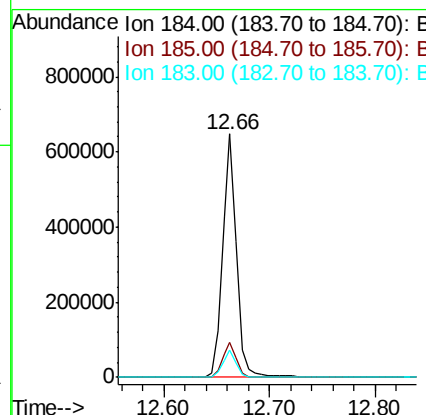
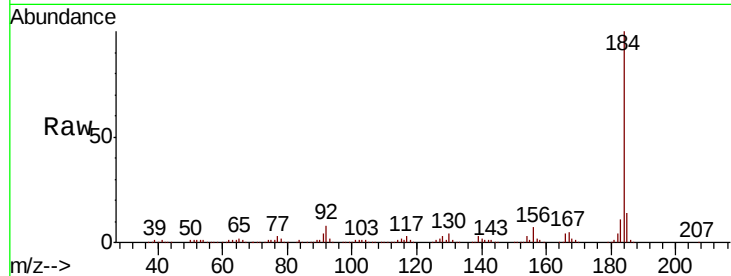
ClientSampleId :

TP-9MSD

Tot Ion:	184	Resp:	607101
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.1	18.1
183	11.1	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 48.604 ng

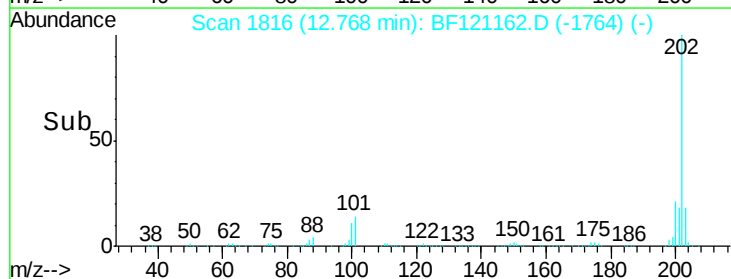
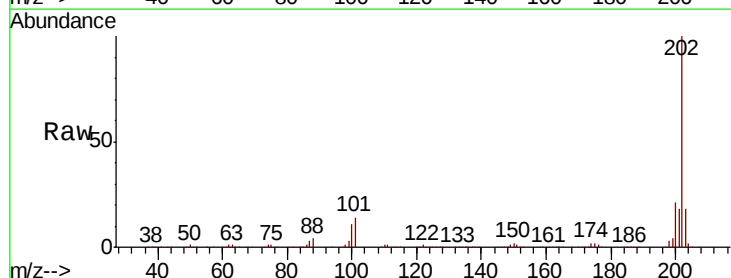
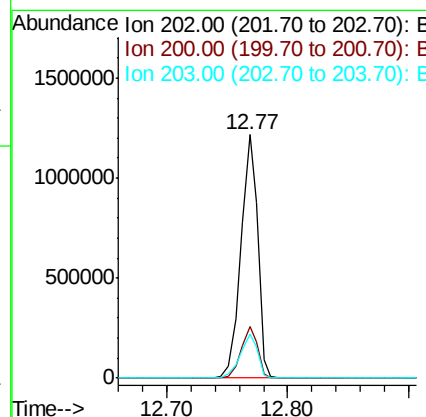
RT: 12.77 min Scan# 1816

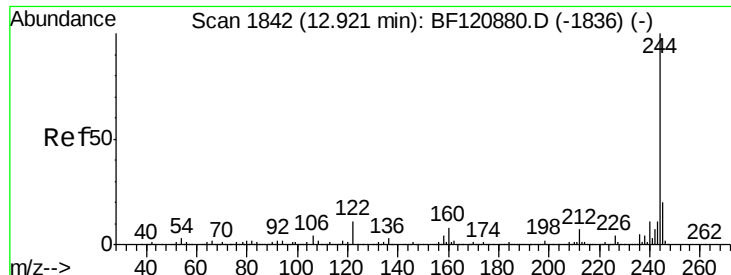
Delta R.T. 0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Tgt Ion:	202	Resp:	1181363
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	18.1	14.6	21.8





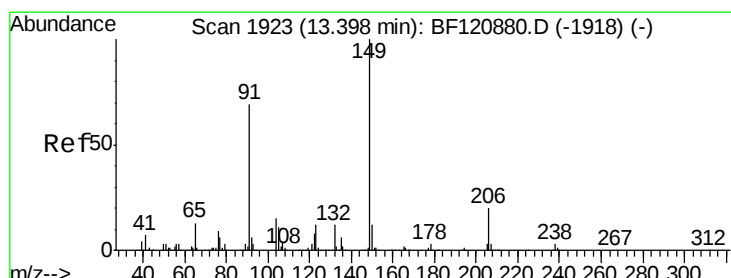
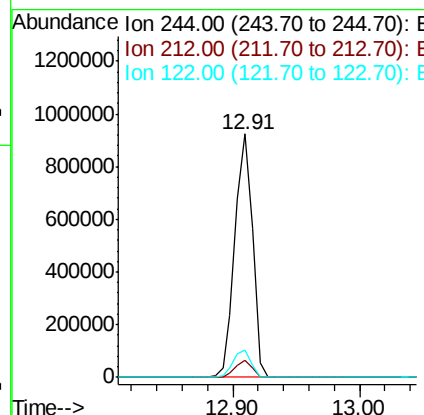
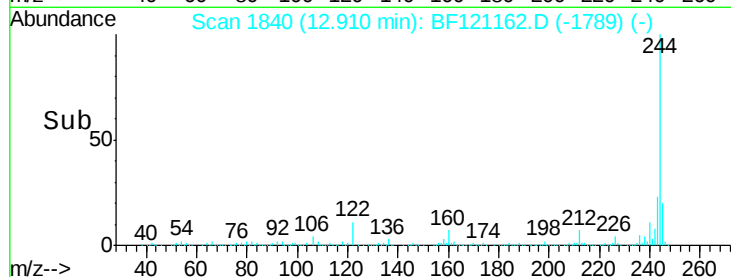
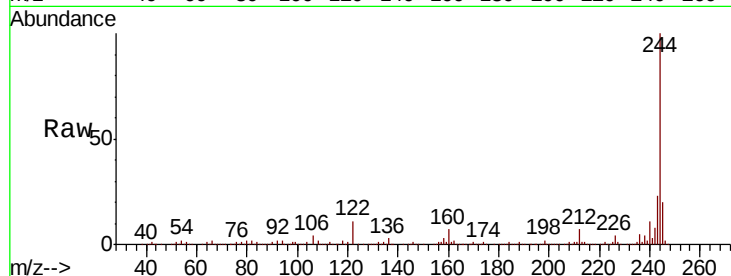
#79
 Terphenyl-d14
 Concen: 55.914 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.4	8.3	12.5

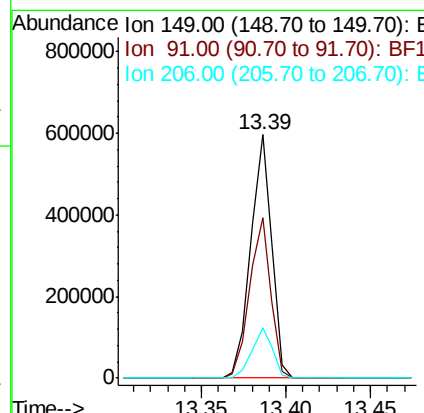
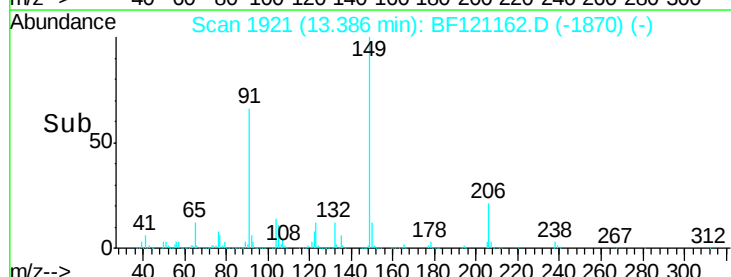
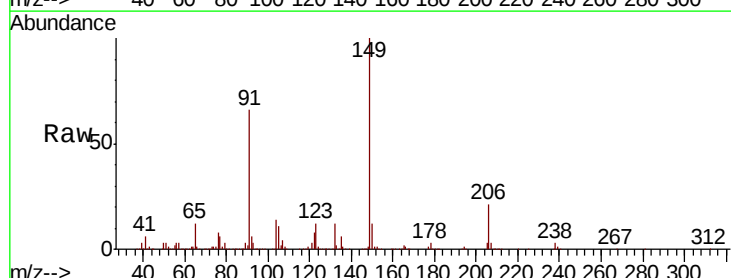
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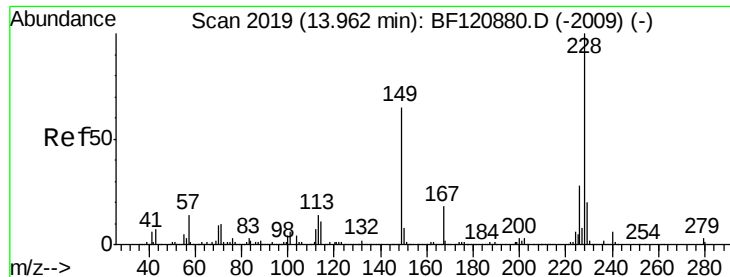
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.999 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.0	51.4	77.0
206	20.6	17.9	26.9





#81

Benzo(a)anthracene

Concen: 44.115 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121162.D

Acq: 31 Jul 2020 17:09

Instrument :

BNA_F

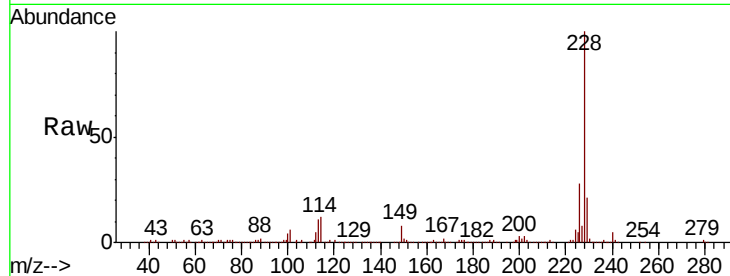
ClientSampleId :

TP-9MSD

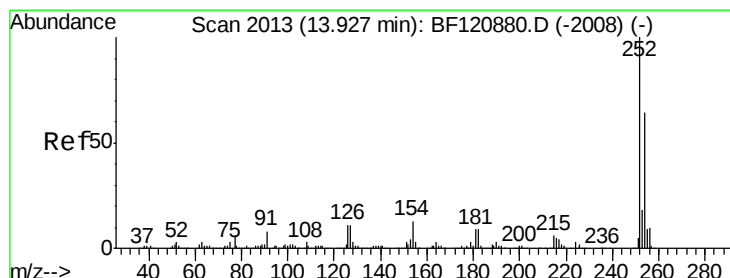
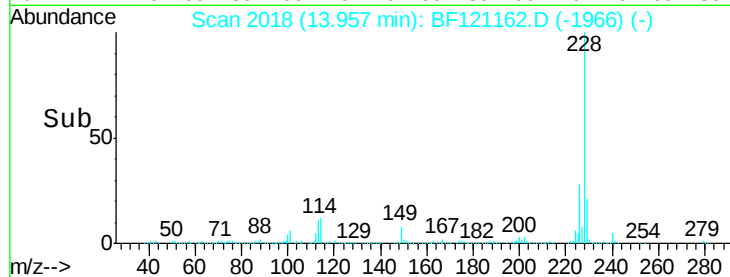
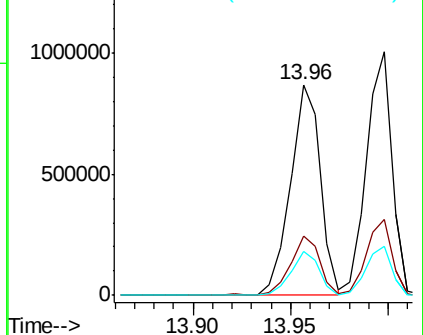
Tot Ion:	228	Resp:	918389
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	34.0
229	20.7	16.1	24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 37.913 ng

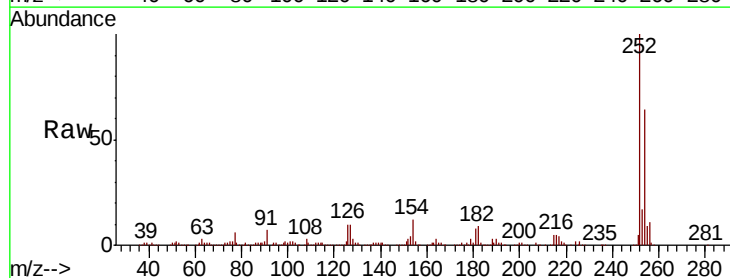
RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

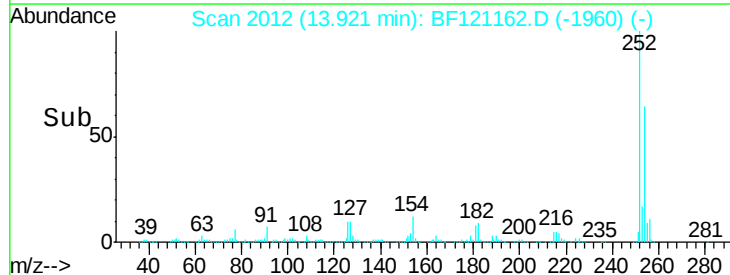
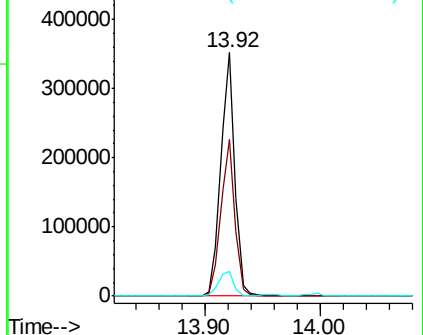
Lab File: BF121162.D

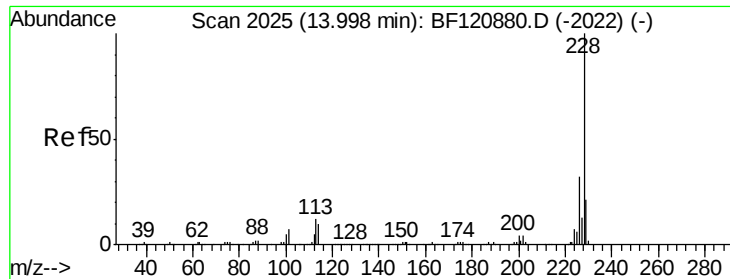
Acq: 31 Jul 2020 17:09

Tgt Ion:	252	Resp:	297770
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.3	76.9
126	10.3	9.2	13.8



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





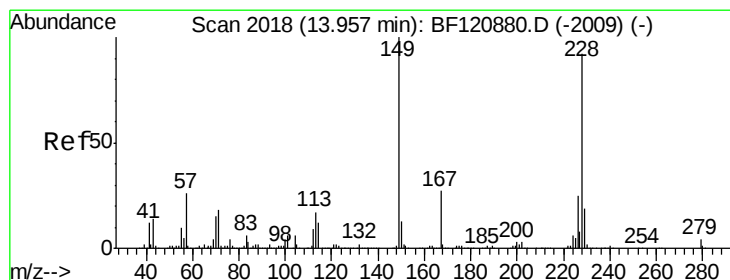
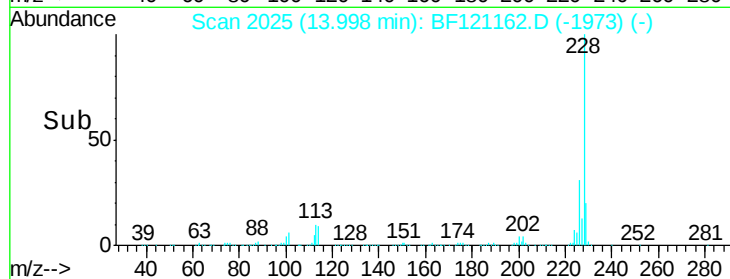
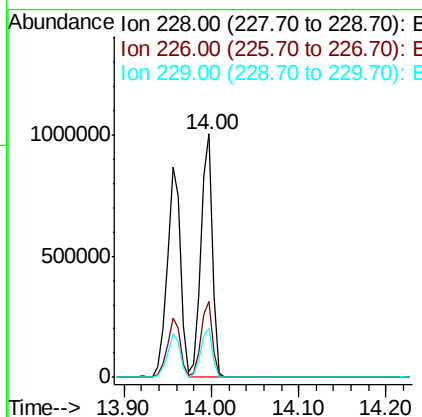
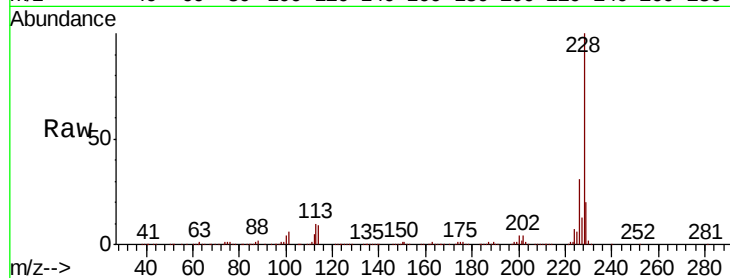
#83
 Chrvsene
 Concen: 42.019 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.1	16.2	24.4

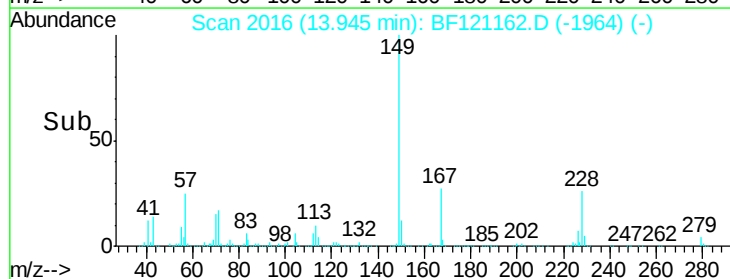
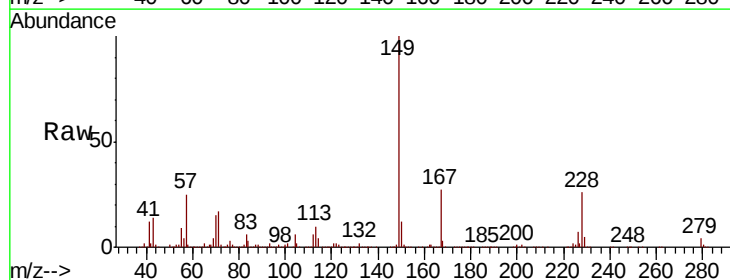
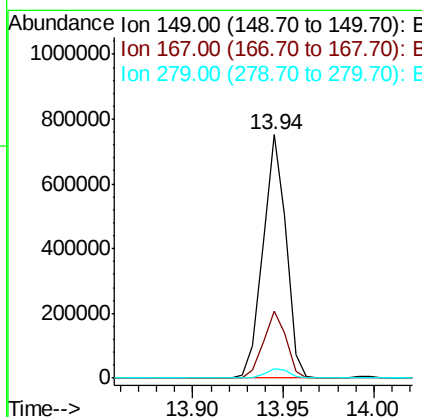
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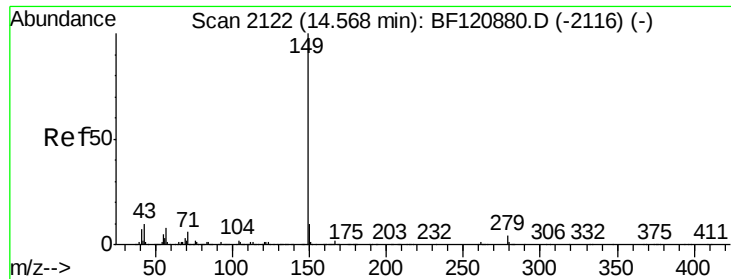
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.943 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	4.0	2.9	4.3





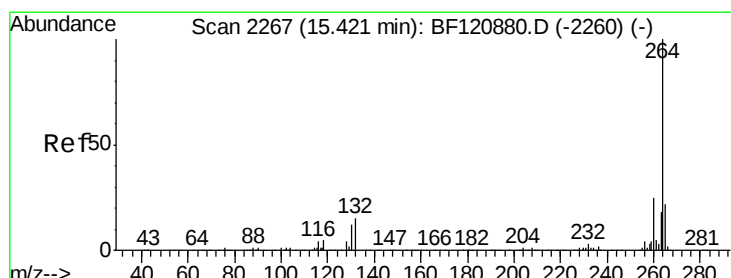
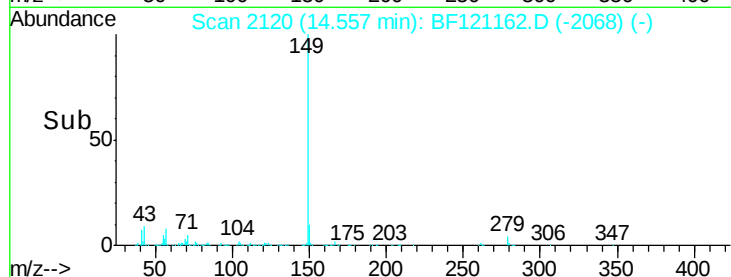
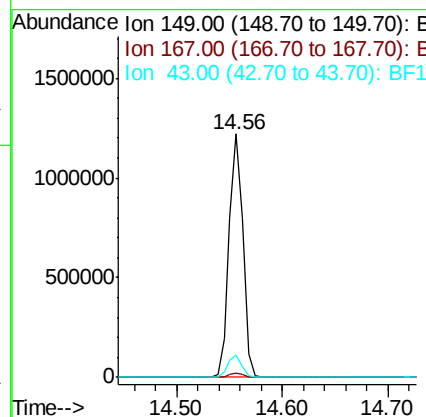
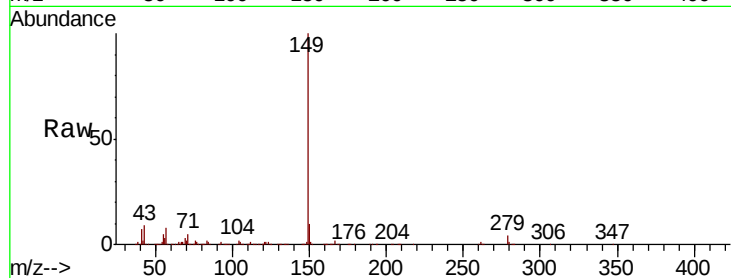
#85
Di-n-octyl phthalate
Concen: 41.981 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.5	11.3

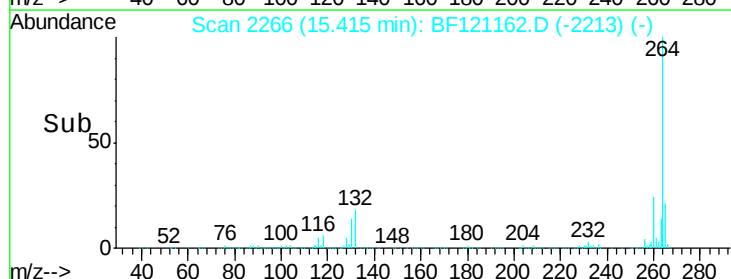
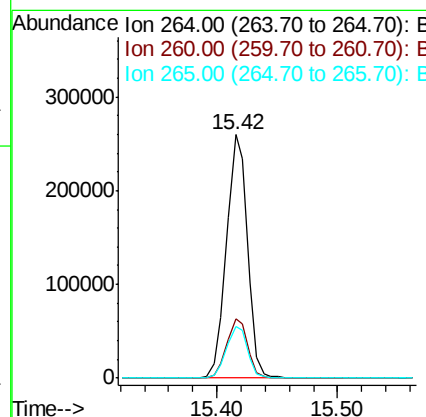
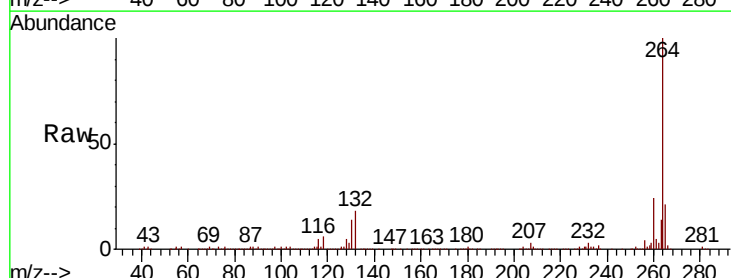
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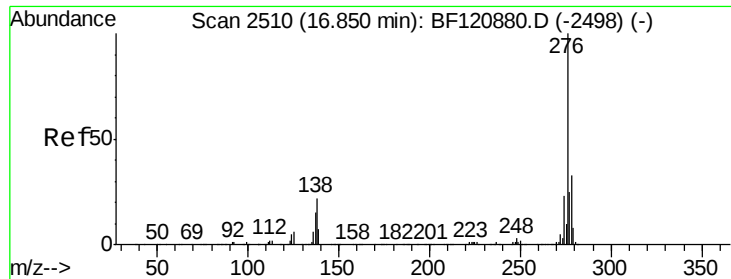
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.0	17.8	26.8





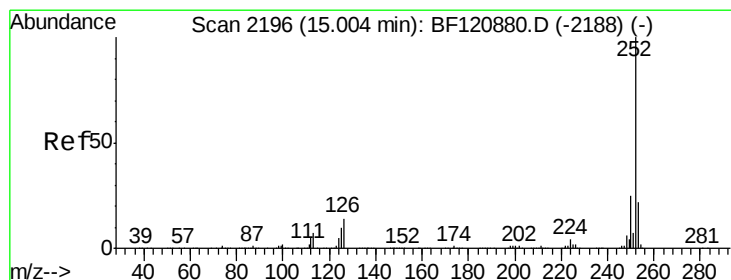
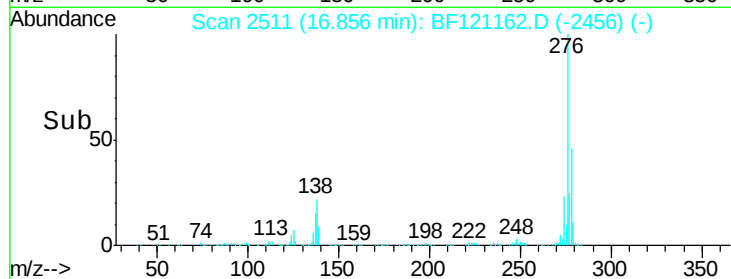
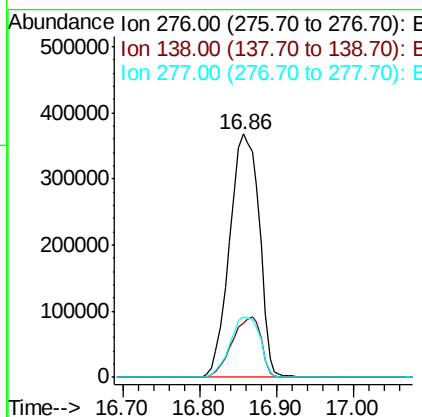
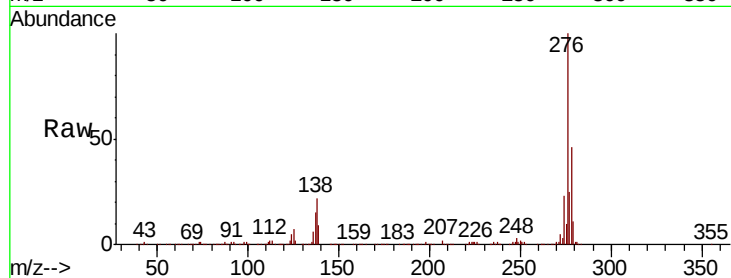
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.042 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.3	20.1	30.1

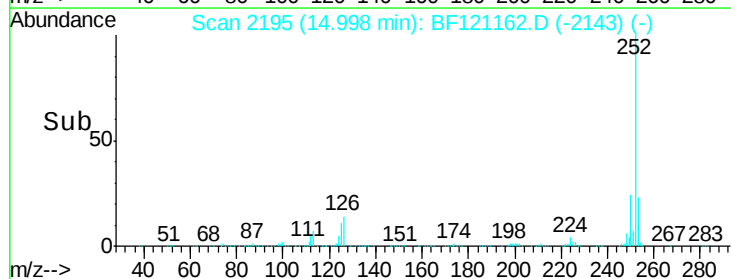
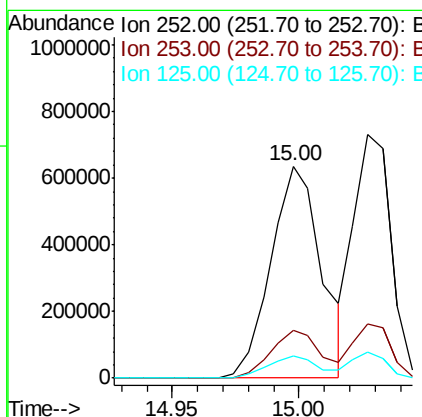
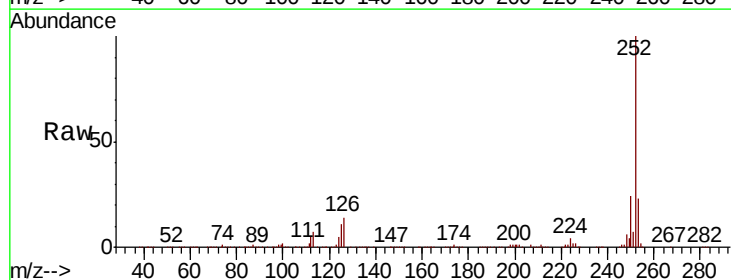
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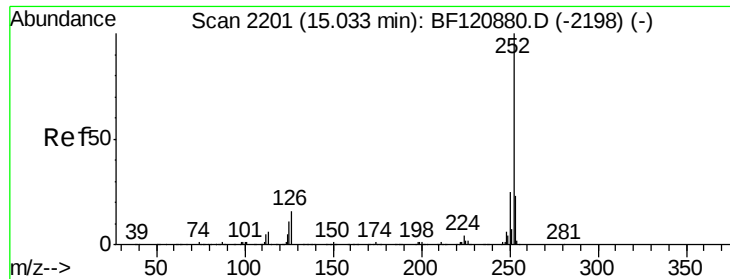
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 47.186 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121162.D
 Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.7	8.1	12.1





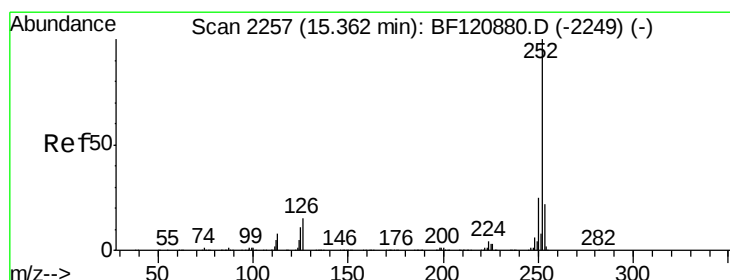
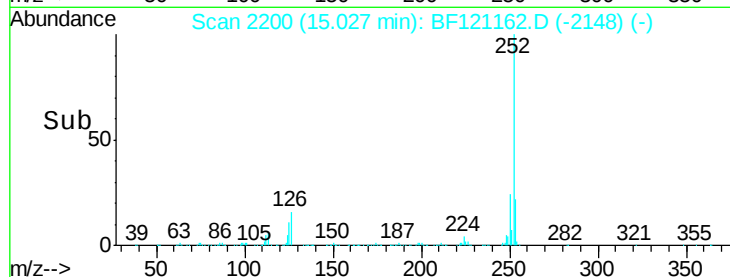
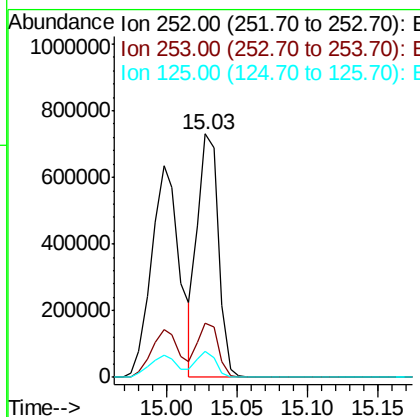
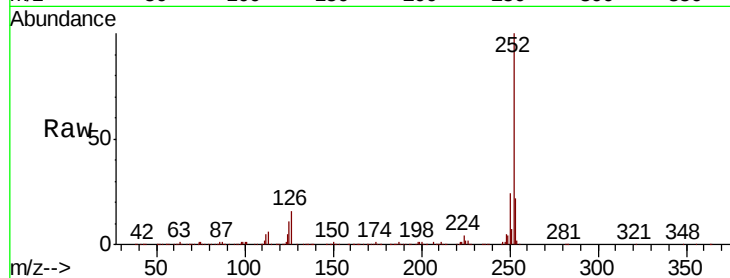
#89
Benzo(k)fluoranthene
Concen: 43.915 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampled :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	8.0	12.0

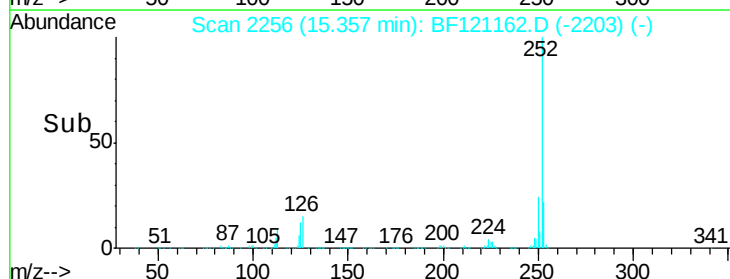
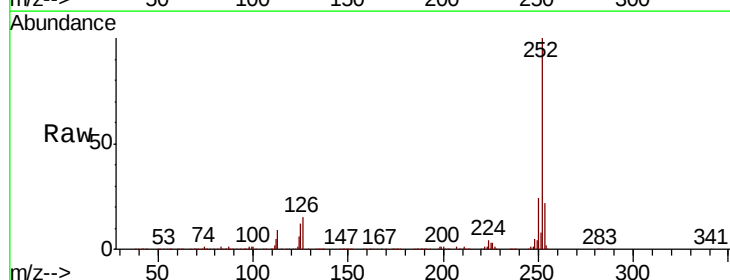
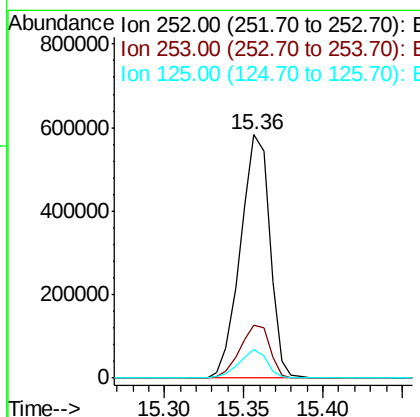
Manual Integrations
APPROVED

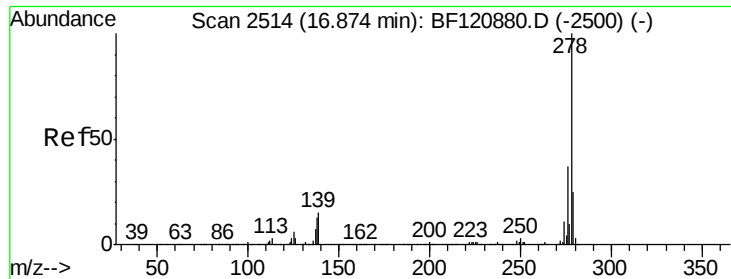
mohammad
8/3/2020 12:23:12 PM



#90
Benzo(a)pyrene
Concen: 44.038 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	11.7	9.5	14.3





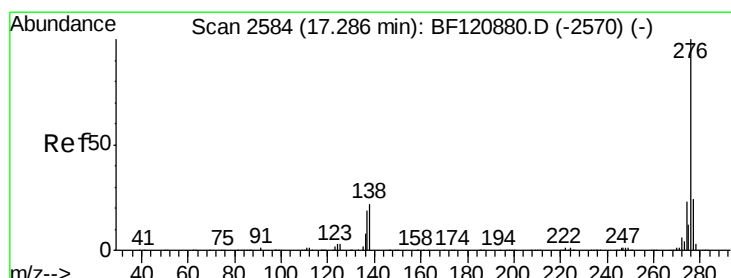
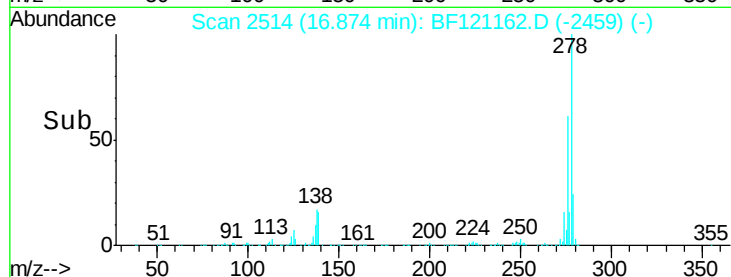
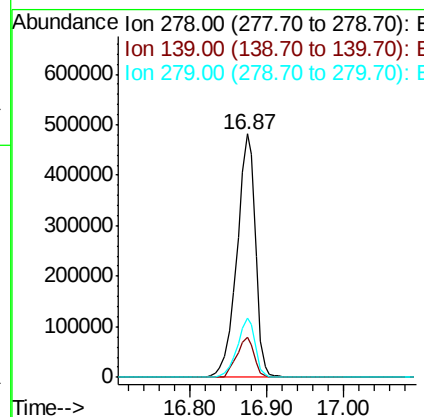
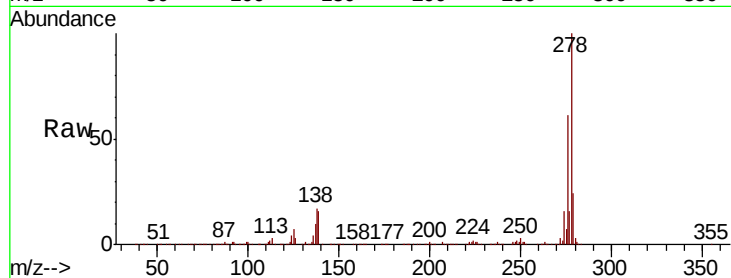
#91
Dibenzo(a,h)anthracene
Concen: 45.955 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	24.2	19.5	29.3

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 50.130 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121162.D
Acq: 31 Jul 2020 17:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	21.5	17.2	25.8

