

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121097.D
 Acq On : 29 Jul 2020 12:36
 Operator : JU/CG
 Sample : PB130537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Manual Integrations
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mohammad
 7/30/2020 3:33:19 PM

Quant Time: Jul 29 15:13:51 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	156729	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	609673	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	309200	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	577164	20.00	ng	0.00
76) Chrysene-d12	13.96	240	440417	20.00	ng	0.00
86) Perylene-d12	15.40	264	444266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1190233	124.50	ng	0.01
7) Phenol-d6	6.45	99	1449393	117.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	937174	88.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	429699	126.96	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1617256	78.09	ng	0.00
79) Terphenyl-d14	12.91	244	1602365	79.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	137494	31.249	ng	100
3) Pyridine	3.33	79	345949	29.556	ng	99
4) n-Nitrosodimethylamine	3.26	42	182331	36.429	ng	97
6) Aniline	6.47	93	547117	33.939	ng	97
8) 2-Chlorophenol	6.59	128	417645	39.655	ng	97
9) Benzaldehyde	6.35	77	270964	47.606	ng	100
10) Phenol	6.46	94	477436	35.145	ng	97
11) bis(2-Chloroethyl)ether	6.54	93	393430	37.789	ng	99
12) 1,3-Dichlorobenzene	6.75	146	418819	36.673	ng	99
13) 1,4-Dichlorobenzene	6.82	146	426989	37.600	ng	99
14) 1,2-Dichlorobenzene	6.97	146	411769	38.328	ng	98
15) Benzyl Alcohol	6.95	79	329392	37.716	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	538039	35.854	ng	99
17) 2-Methylphenol	7.06	107	327026	35.033	ng	99
18) Hexachloroethane	7.32	117	157350	38.283	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	250076	35.611	ng	100
20) 3+4-Methylphenols	7.22	107	374665	31.551	ng	95
22) Acetophenone	7.22	105	510018	37.274	ng	# 98
24) Nitrobenzene	7.39	77	408261	35.950	ng	98
25) Isophorone	7.63	82	761067	36.192	ng	98
26) 2-Nitrophenol	7.70	139	219621	40.720	ng	96
27) 2,4-Dimethylphenol	7.75	122	357786	40.858	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	483851	37.694	ng	99
29) 2,4-Dichlorophenol	7.95	162	342833	38.313	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	366714	36.938	ng	99
31) Naphthalene	8.11	128	1131598	36.184	ng	99
32) Benzoic acid	7.87	122	225203	34.259	ng	98
33) 4-Chloroaniline	8.16	127	454743	32.596	ng	99
34) Hexachlorobutadiene	8.23	225	211113	36.072	ng	99
35) Caprolactam	8.53	113	108186m	37.701	ng	
36) 4-Chloro-3-methylphenol	8.65	107	347794	37.897	ng	98
37) 2-Methylnaphthalene	8.80	142	767936	37.818	ng	100
38) 1-Methylnaphthalene	8.90	142	719927	37.434	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	349157	38.757	ng	99

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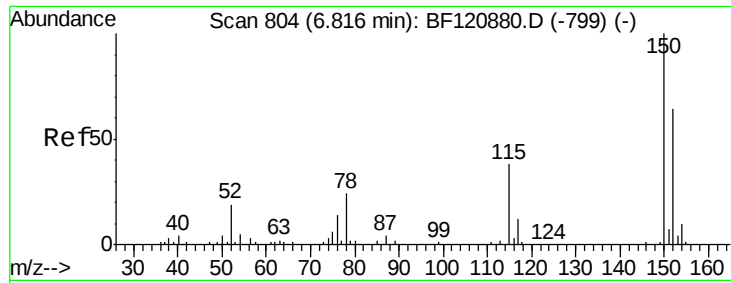
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	403704	81.082	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	248462	39.171	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	263605	36.637	nq	97
46) 1,1'-Biphenyl	9.26	154	920452	39.026	nq	99
47) 2-Chloronaphthalene	9.29	162	713771	37.118	nq	99
48) 2-Nitroaniline	9.38	65	217399	37.410	nq	97
49) Acenaphthylene	9.70	152	1141257	38.203	nq	99
50) Dimethylphthalate	9.56	163	840094	37.661	nq	100
51) 2,6-Dinitrotoluene	9.63	165	187681	39.162	nq	91
52) Acenaphthene	9.87	154	764823m	40.269	nq	
53) 3-Nitroaniline	9.79	138	180595	30.046	nq	97
54) 2,4-Dinitrophenol	9.90	184	189299	69.595	nq	97
55) Dibenzofuran	10.05	168	1008876	36.733	nq	99
56) 4-Nitrophenol	9.96	139	322780	70.695	nq	95
57) 2,4-Dinitrotoluene	10.03	165	247116	39.266	nq	91
58) Fluorene	10.39	166	737868	36.021	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	220688	40.285	nq	98
60) Diethylphthalate	10.26	149	832727	36.907	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	368983	33.772	nq	96
62) 4-Nitroaniline	10.41	138	210159	35.895	nq	98
63) Azobenzene	10.54	77	787202	36.648	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128493	39.230	nq	94
66) n-Nitrosodiphenylamine	10.50	169	705516	38.858	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	243415	37.827	nq	97
68) Hexachlorobenzene	10.93	284	275453	39.571	nq	# 93
69) Atrazine	11.03	200	194883	43.340	nq	99
70) Pentachlorophenol	11.13	266	307217	77.039	nq	98
71) Phenanthrene	11.35	178	1119051	37.699	nq	99
72) Anthracene	11.40	178	1166060	39.121	nq	99
73) Carbazole	11.56	167	1069795	36.166	nq	99
74) Di-n-butylphthalate	11.89	149	1303021	38.172	nq	99
75) Fluoranthene	12.53	202	1233885	37.502	nq	98
77) Benzidine	12.66	184	871785	75.288	nq	100
78) Pyrene	12.76	202	1256422	40.351	nq	100
80) Butylbenzylphthalate	13.38	149	565402	40.733	nq	94
81) Benzo(a)anthracene	13.95	228	1027732	38.536	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	378354	37.604	nq	99
83) Chrysene	13.99	228	1053935	37.605	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	725986	42.414	nq	100
85) Di-n-octyl phthalate	14.55	149	1337789	39.285	nq	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1167346	37.782	nq	100
88) Benzo(b)fluoranthene	14.99	252	1045835	38.945	nq	99
89) Benzo(k)fluoranthene	15.02	252	1022477	41.749	nq	99
90) Benzo(a)pyrene	15.34	252	946088	38.614	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	970026	38.435	nq	99
92) Benzo(g,h,i)perylene	17.26	276	992521	39.885	nq	98

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



#1

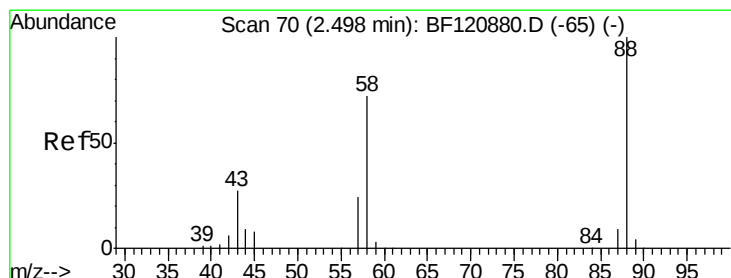
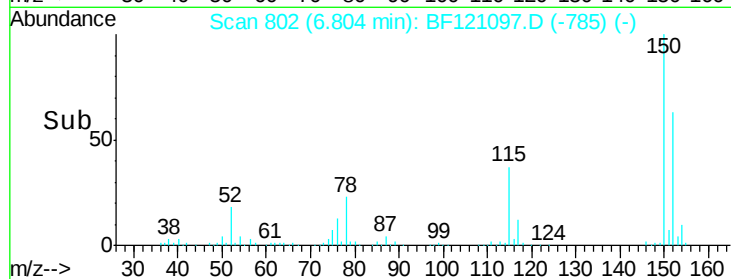
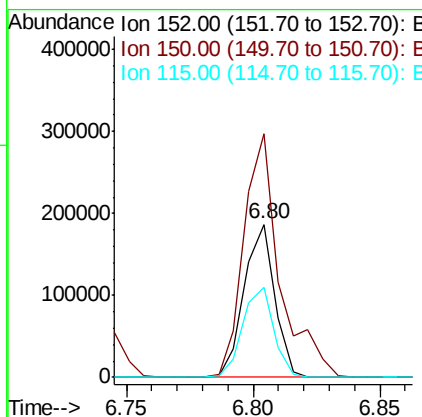
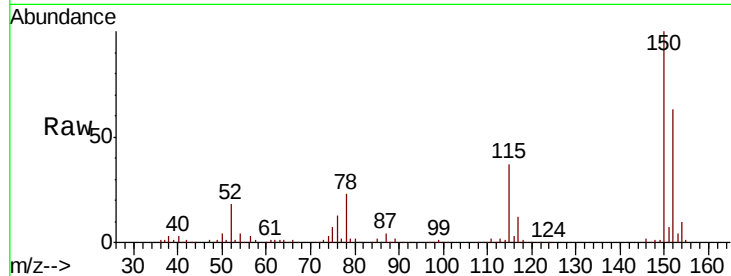
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.6	188.4
115	58.3	46.2	69.2

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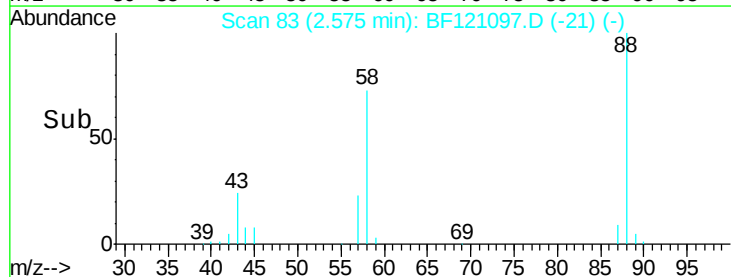
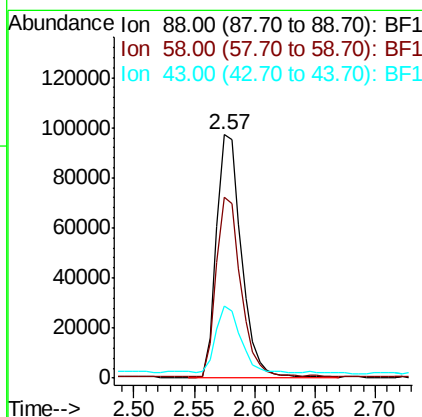
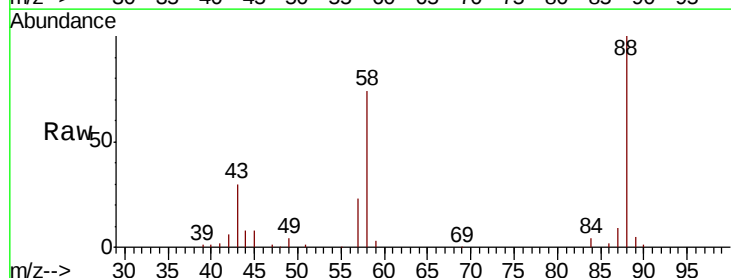
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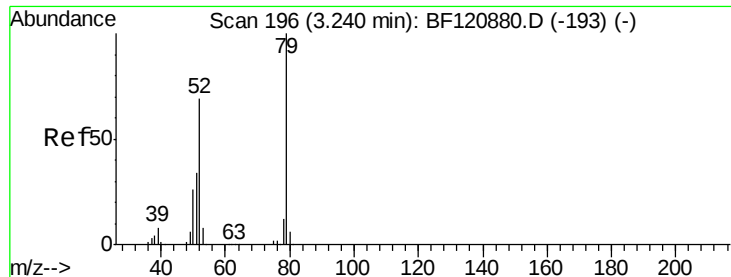


#2

1,4-Dioxane
Concen: 31.249 ng
RT: 2.57 min Scan# 83
Delta R.T. 0.06 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.4
43	26.7	21.3	31.9





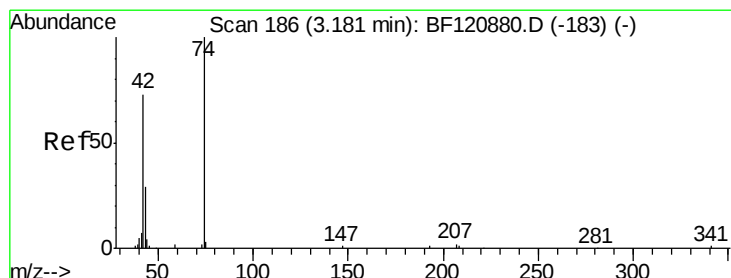
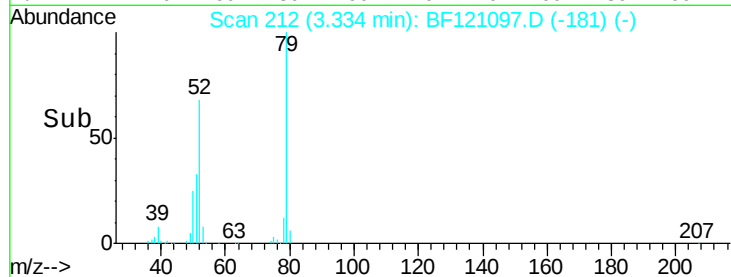
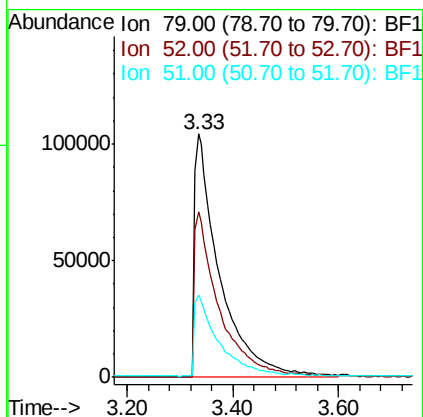
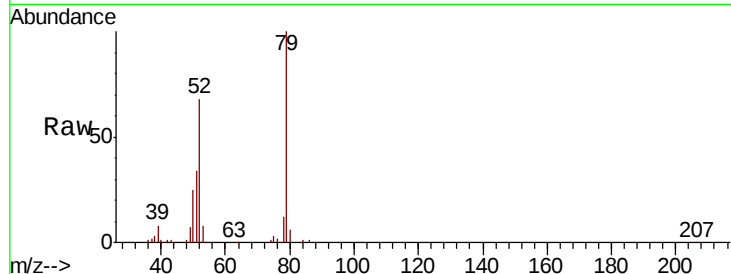
#3
 Pvridine
 Concen: 29.556 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampled :
 PB130537BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.8	54.9	82.3
51	34.0	27.4	41.0

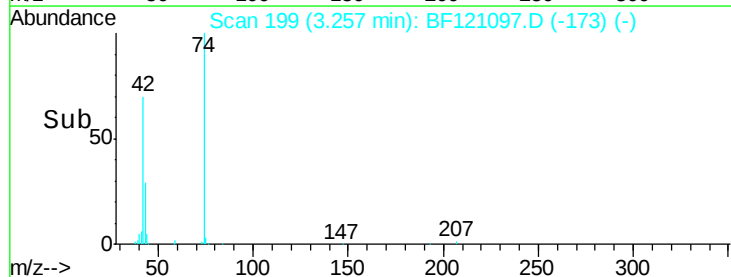
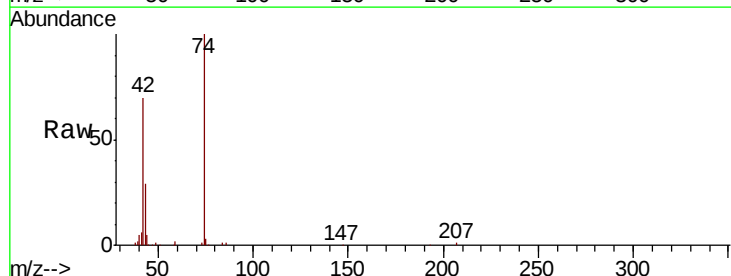
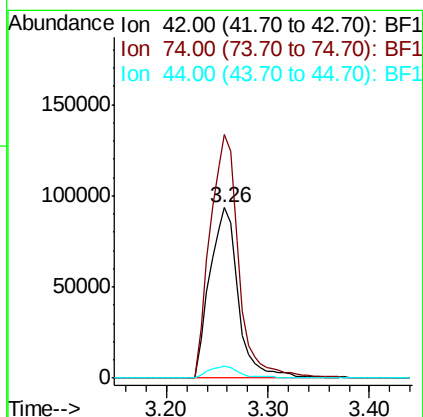
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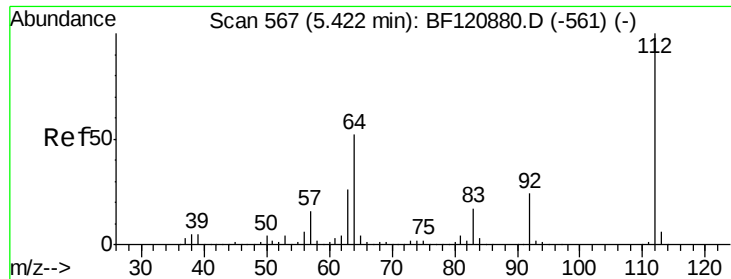
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#4
 n-Nitrosodimethylamine
 Concen: 36.429 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.05 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.1	117.3	175.9
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 124.496 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion: 112 Resp: 1190233

Ion Ratio Lower Upper

112 100

64 55.7 43.9 65.9

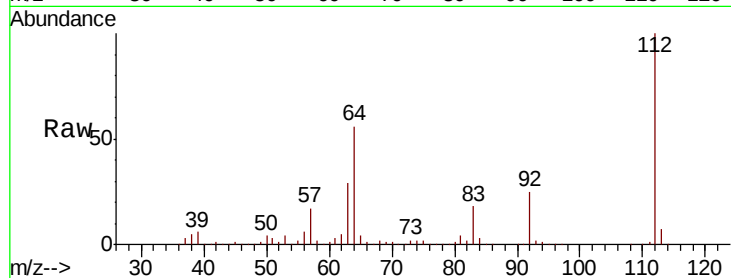
63 28.6 22.7 34.1

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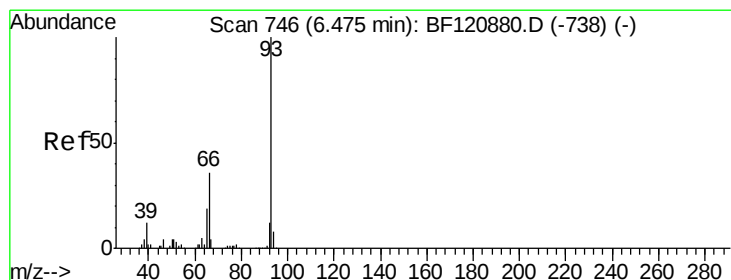
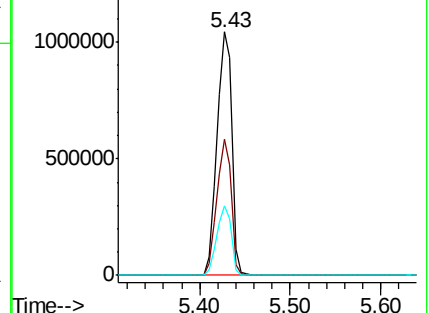
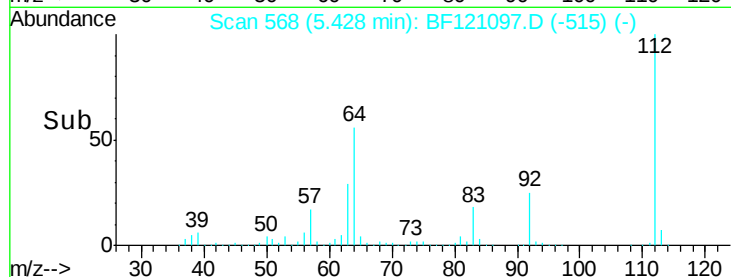
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.939 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

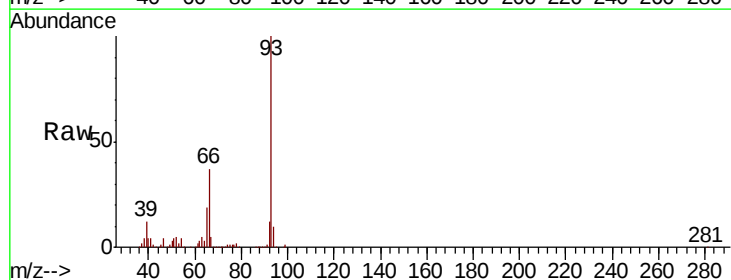
Tgt Ion: 93 Resp: 547117

Ion Ratio Lower Upper

93 100

66 36.6 31.0 46.4

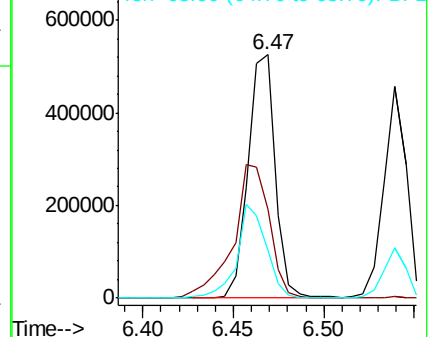
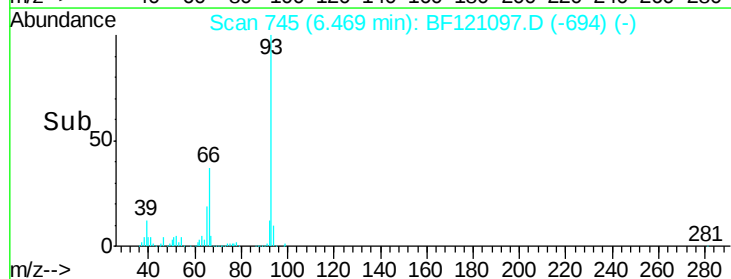
65 19.4 16.2 24.4

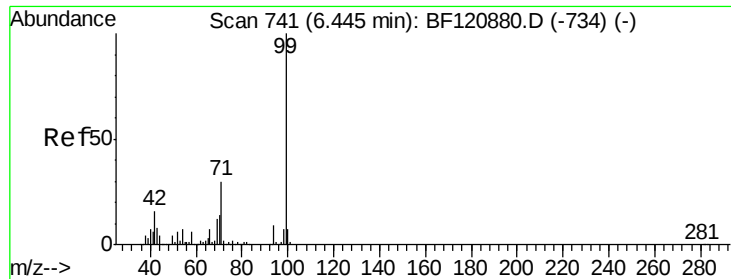


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.364 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampled :

PB130537BS

Tot Ion: 99 Resp: 1449393

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

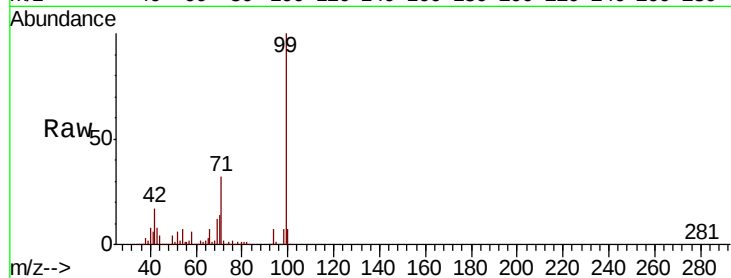
71 31.7 25.0 37.4

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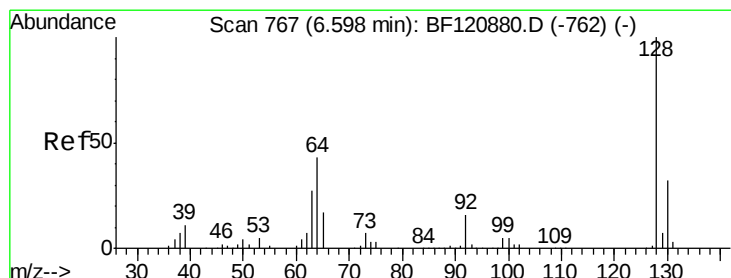
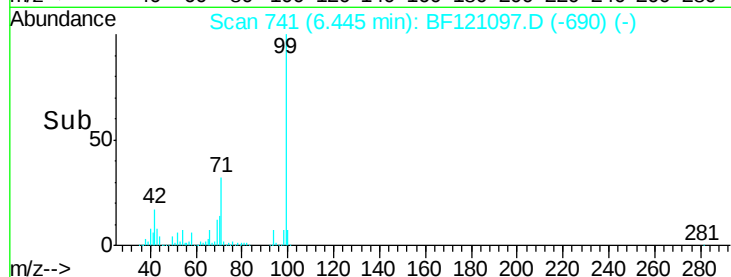
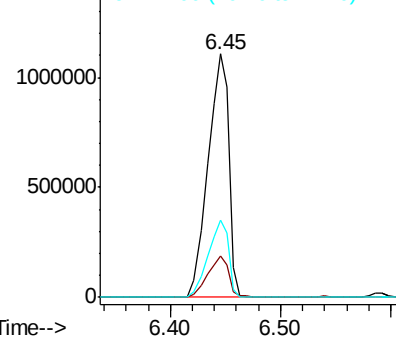
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.655 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

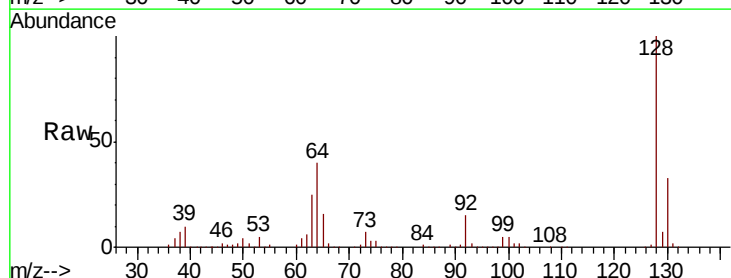
Tgt Ion: 128 Resp: 417645

Ion Ratio Lower Upper

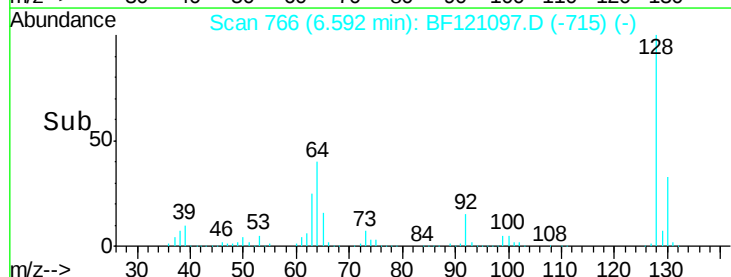
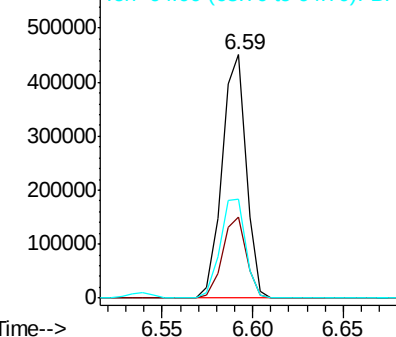
128 100

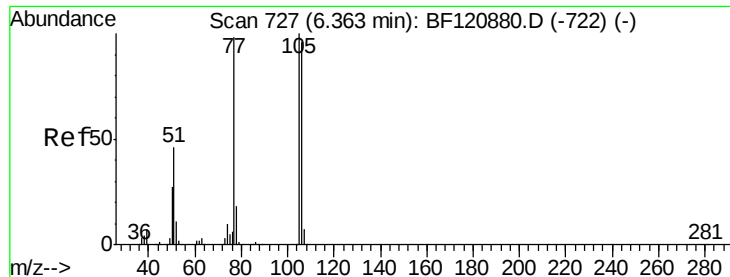
130 33.3 12.7 52.7

64 40.5 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 47.606 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

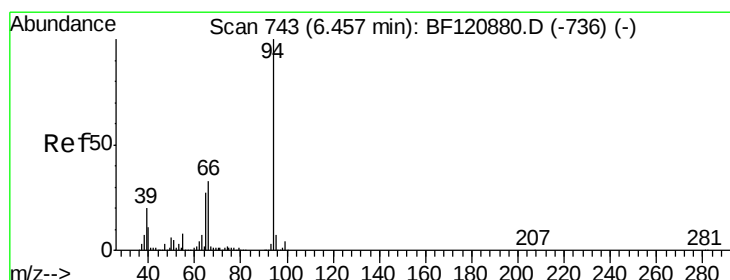
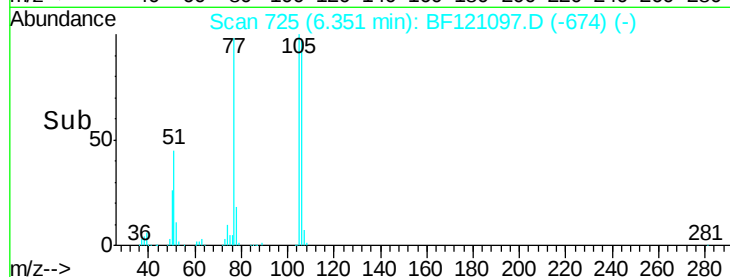
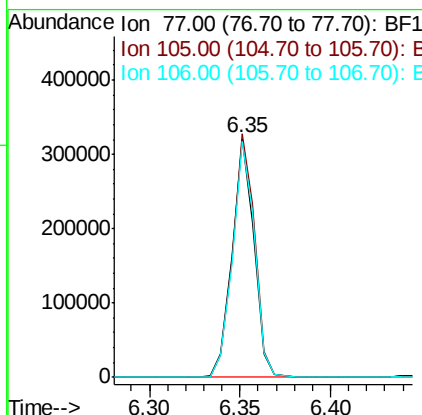
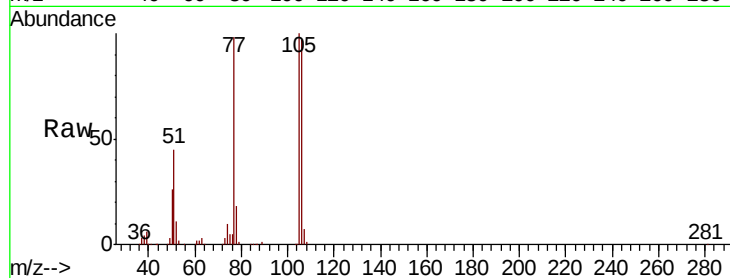
ClientSampled :

PB130537BS

Tot Ion:	77	Resp:	270964
Ion	Ratio	Lower	Upper
77	100		
105	101.9	82.4	122.4
106	99.0	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 35.145 ng

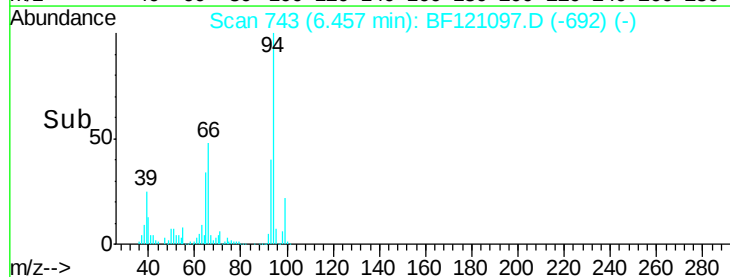
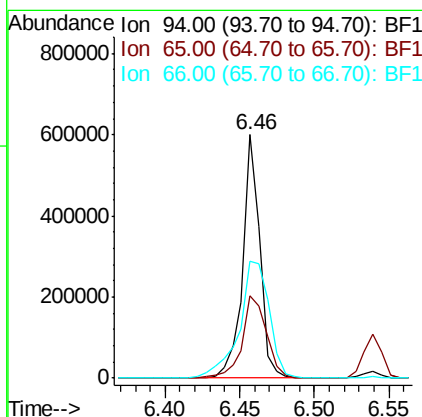
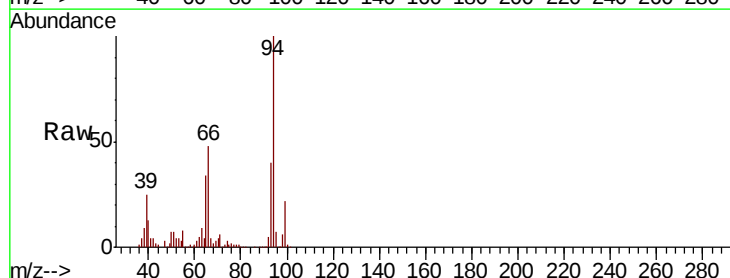
RT: 6.46 min Scan# 743

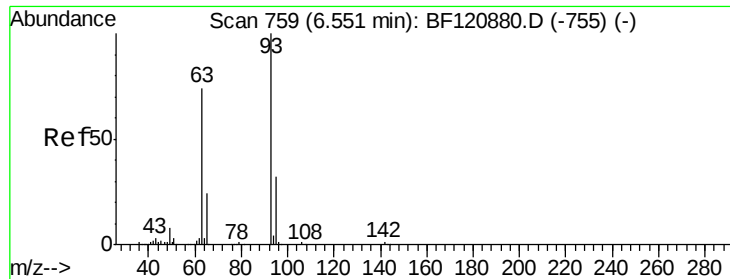
Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:	94	Resp:	477436
Ion	Ratio	Lower	Upper
94	100		
65	33.8	12.6	52.6
66	47.8	25.6	65.6





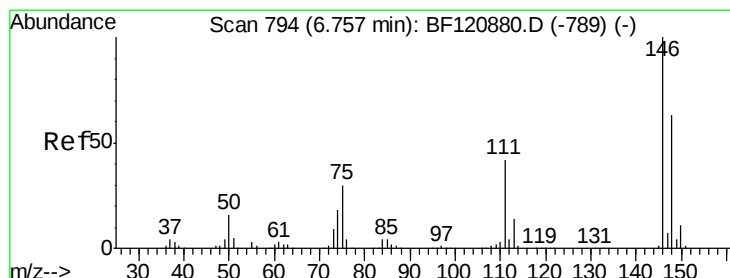
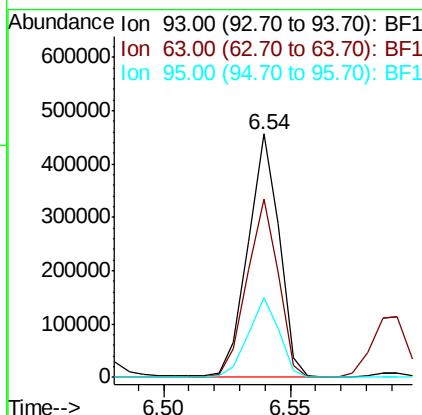
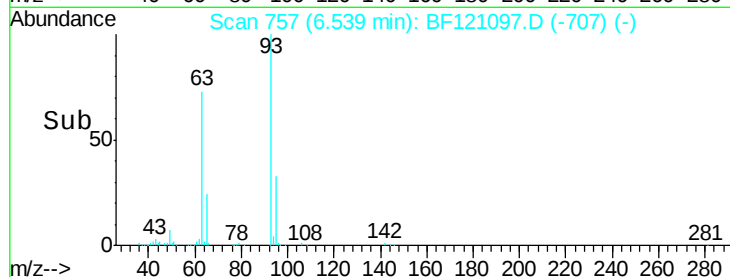
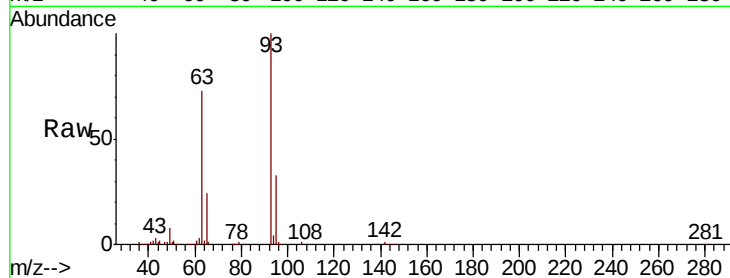
#11
bis(2-Chloroethyl)ether
Concen: 37.789 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.3	51.9	91.9	
95	32.9	13.2	53.2	

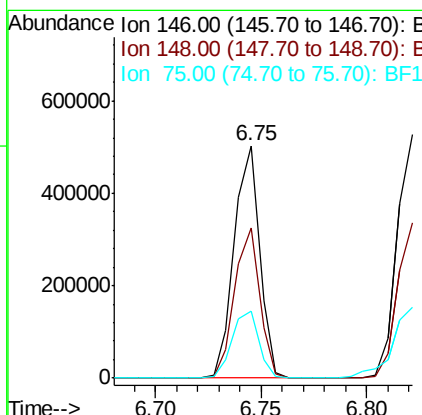
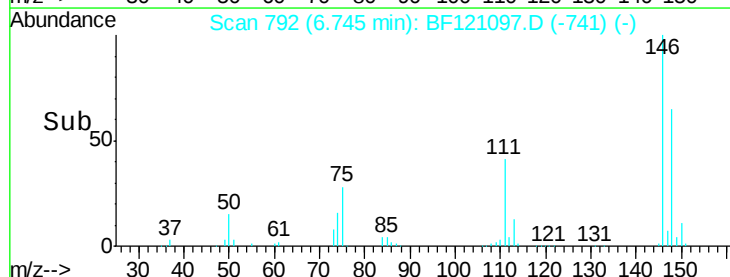
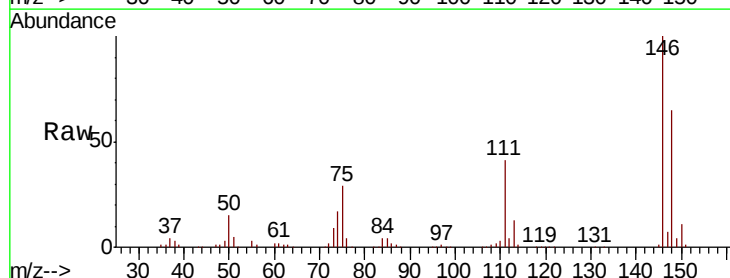
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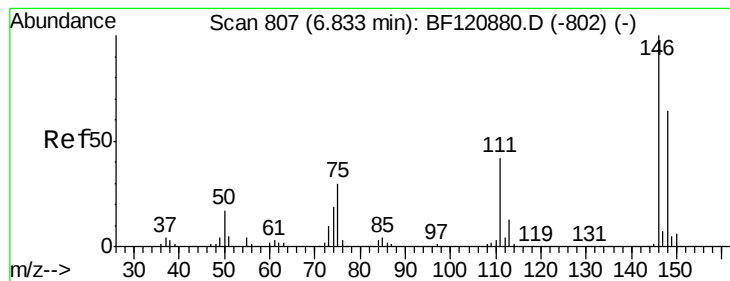
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.673 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.8	51.7	77.5	
75	28.6	23.8	35.6	





#13

1,4-Dichlorobenzene

Concen: 37.600 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

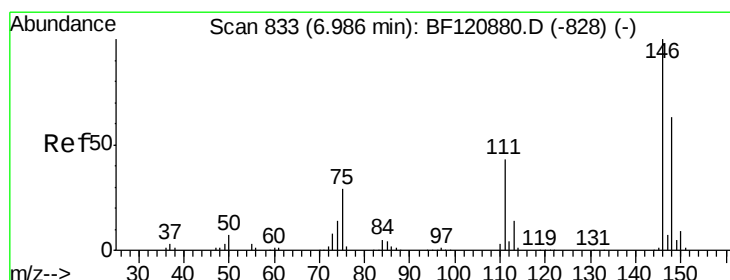
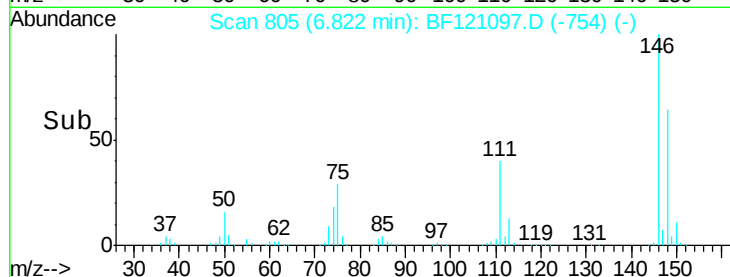
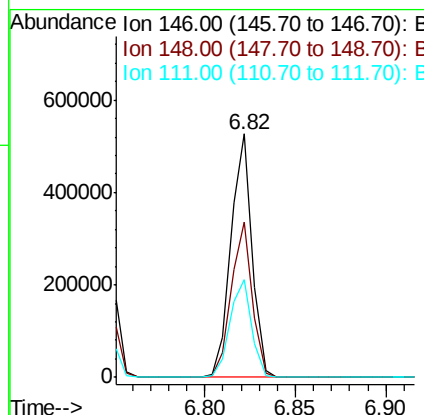
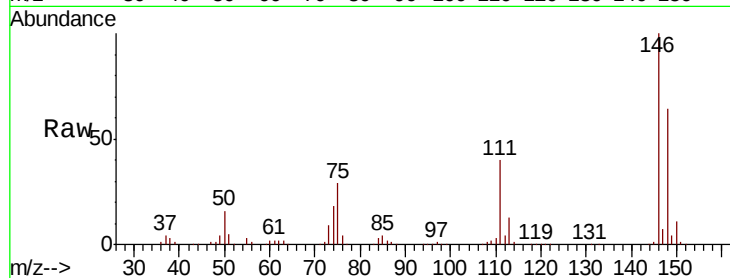
ClientSampleId :

PB130537BS

Tot Ion:	146	Resp:	426989
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.5	75.7
111	40.1	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 38.328 ng

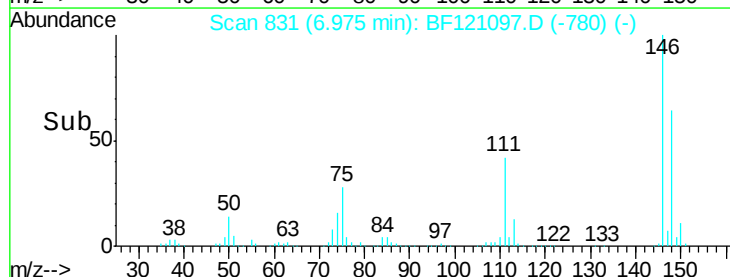
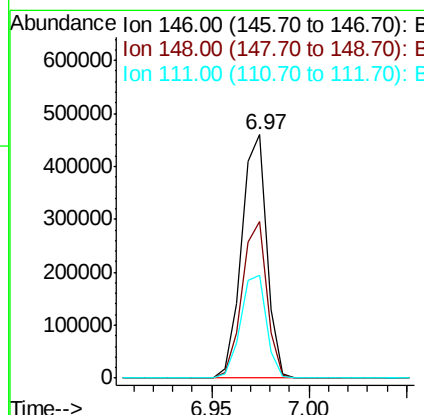
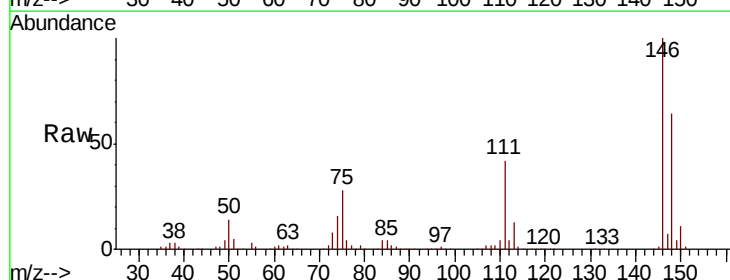
RT: 6.97 min Scan# 831

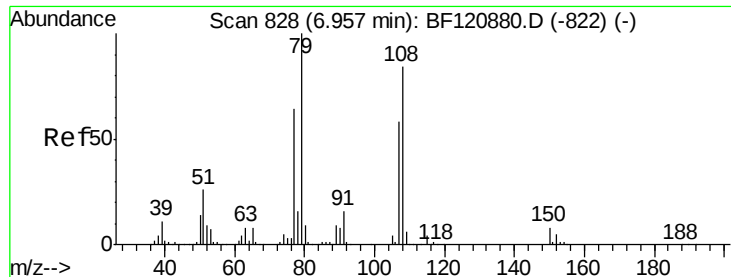
Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:	146	Resp:	411769
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	42.0	35.4	53.0





#15

Benzyl Alcohol

Concen: 37.716 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

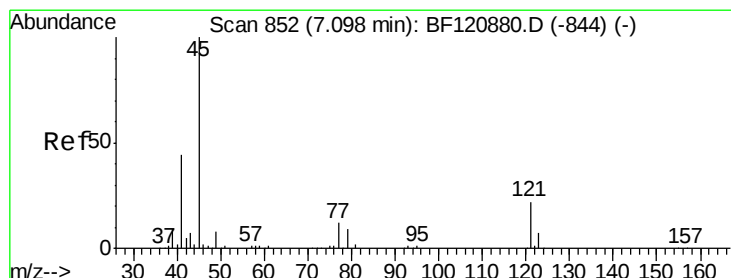
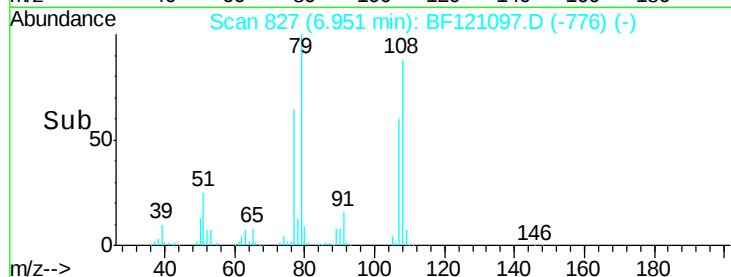
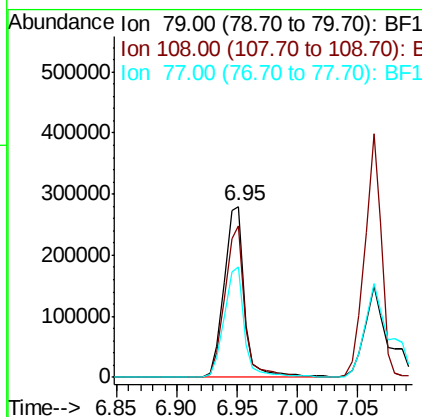
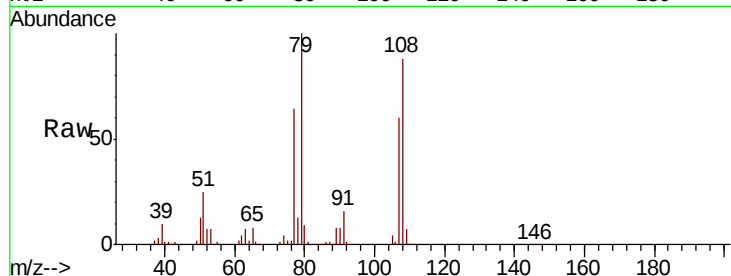
ClientSampleID :

PB130537BS

Tot Ion:	79	Resp:	329392
Ion Ratio	Lower	Upper	
79	100		
108	88.1	68.6	103.0
77	64.3	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.854 ng

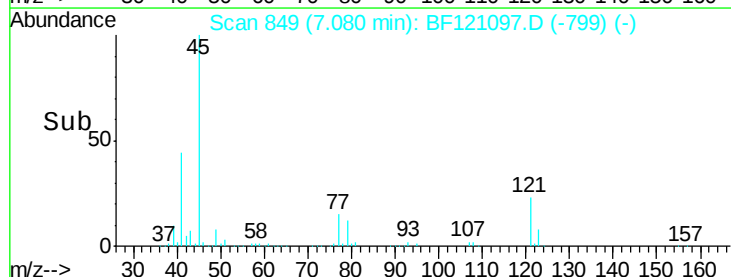
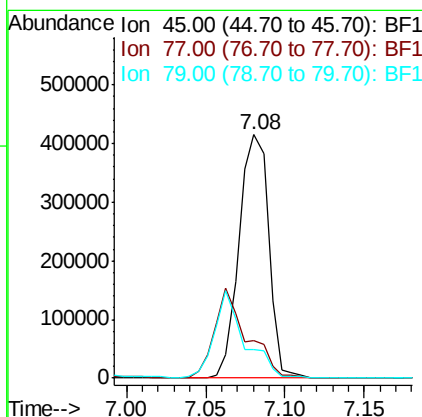
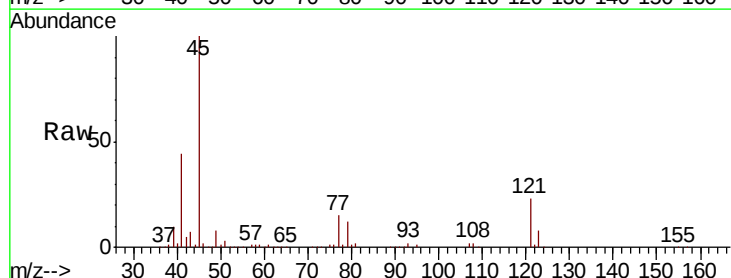
RT: 7.08 min Scan# 849

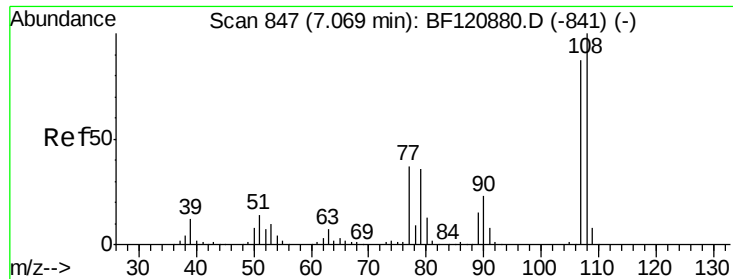
Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:	45	Resp:	538039
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.7
79	11.5	0.0	32.0





#17

2-Methylphenol

Concen: 35.033 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

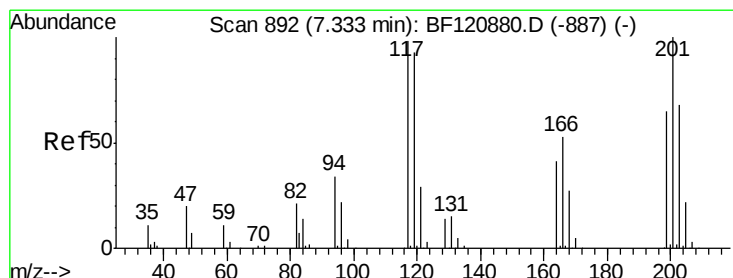
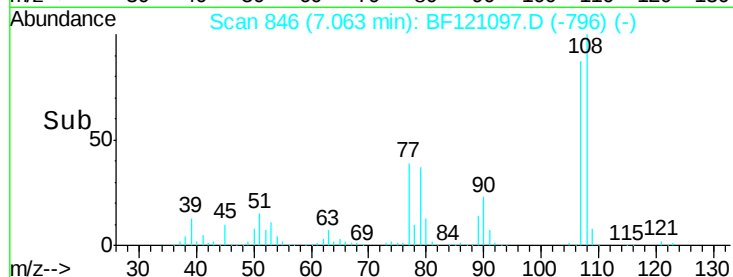
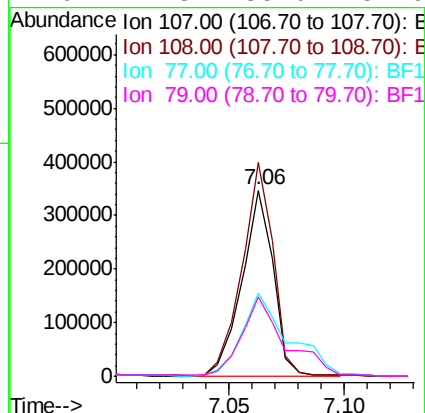
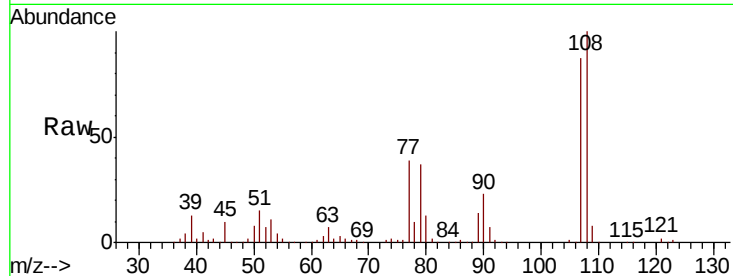
ClientSampleId :

PB130537BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.2	136.8	
77	44.4	36.5	54.7	
79	42.8	35.0	52.6	

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#18

Hexachloroethane

Concen: 38.283 ng

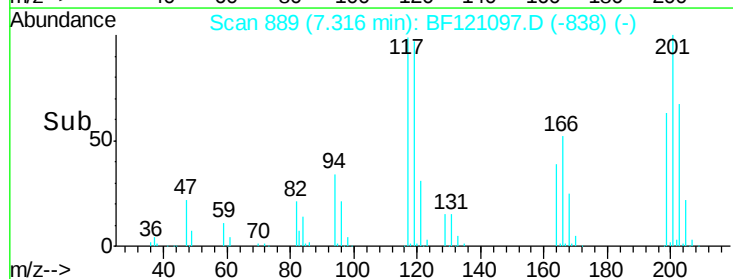
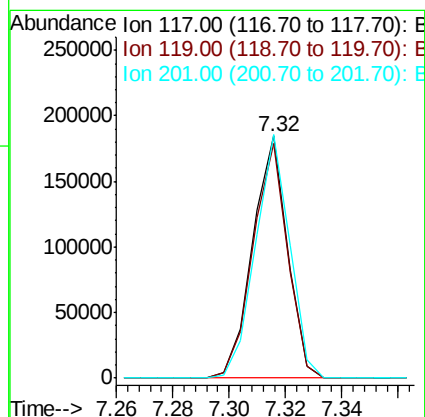
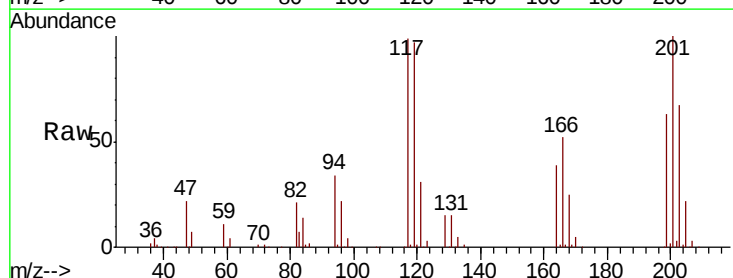
RT: 7.32 min Scan# 889

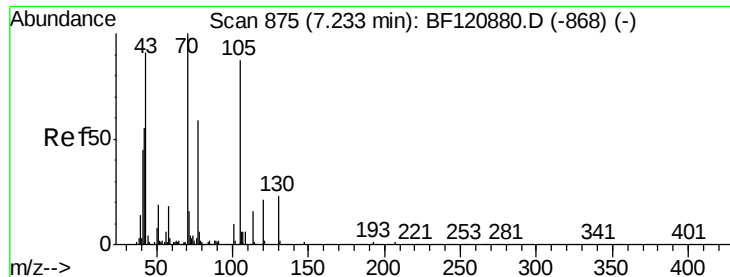
Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	76.6	114.8	
201	100.6	75.0	112.4	





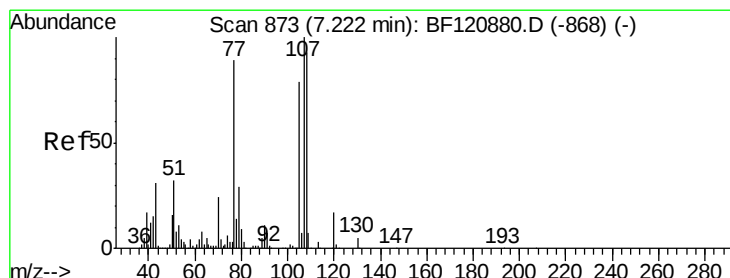
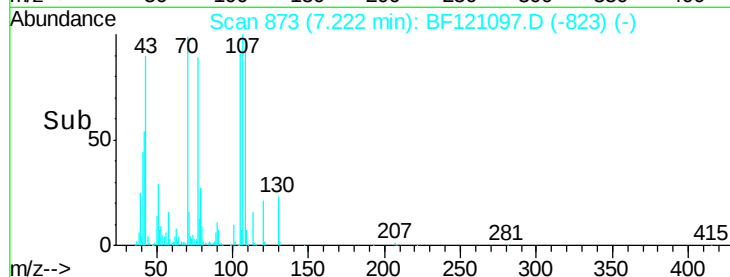
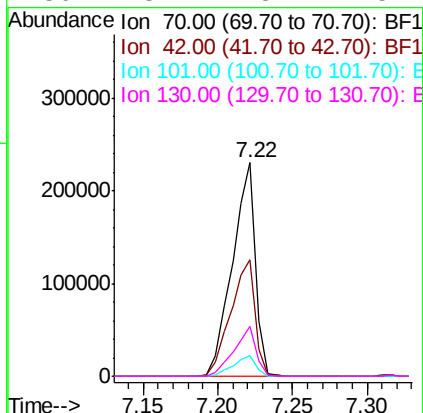
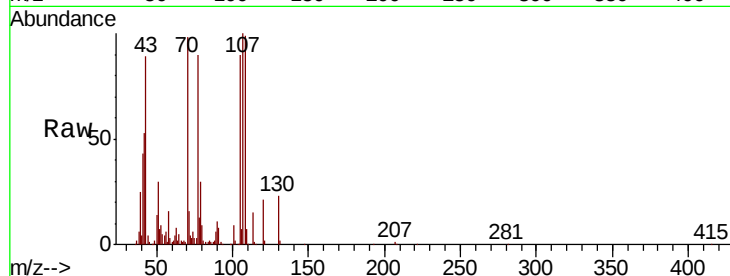
#19
n-Nitroso-di-n-propylamine
Concen: 35.611 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.3	64.9
101	9.7	8.4	12.6
130	23.4	18.7	28.1

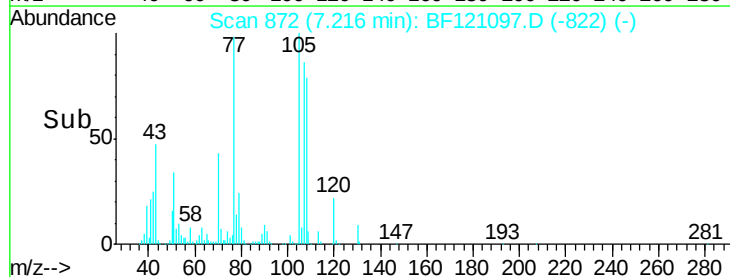
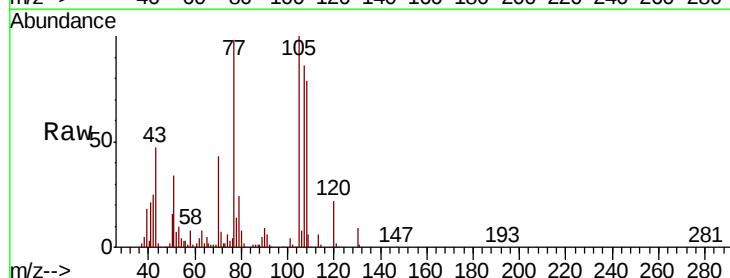
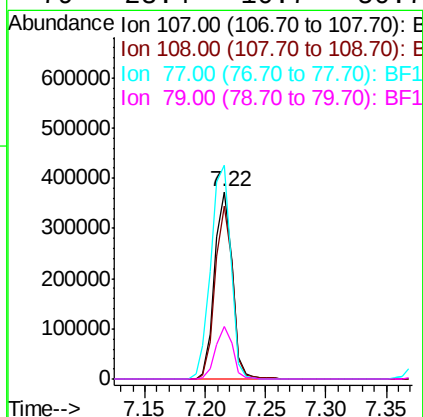
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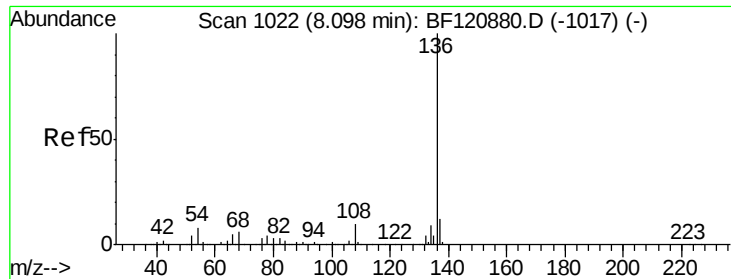
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#20
3+4-Methylphenols
Concen: 31.551 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	73.7	113.7
77	114.1	84.9	124.9
79	28.4	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

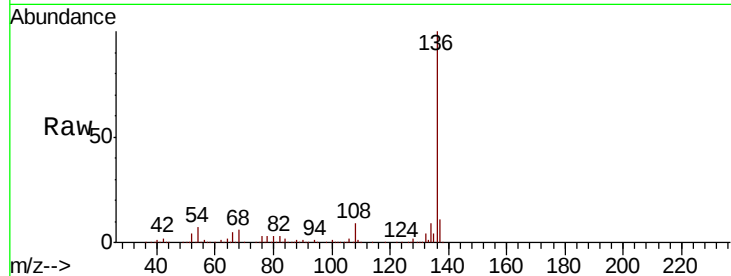
ClientSampleId :

PB130537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		609673		
137	11.3		9.0	13.4	
54	7.1		6.1	9.1	
68	5.7		5.0	7.6	

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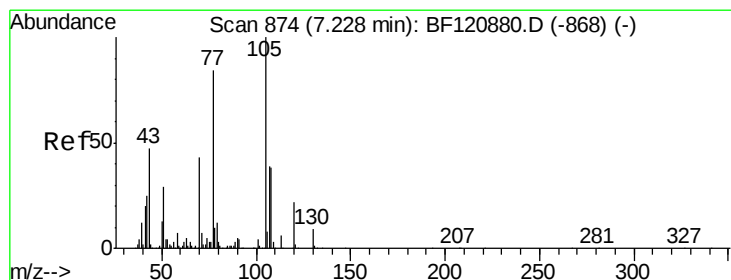
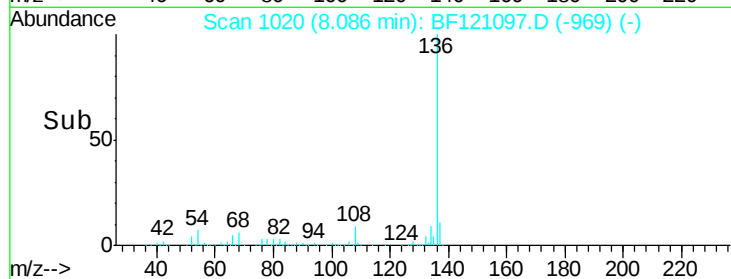
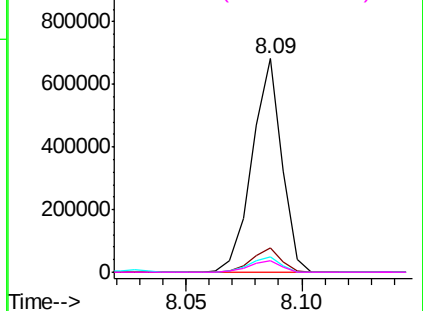
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.274 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		510018		
71	7.1		3.8	5.8#	
51	33.7		28.0	42.0	
120	22.1		17.8	26.6	

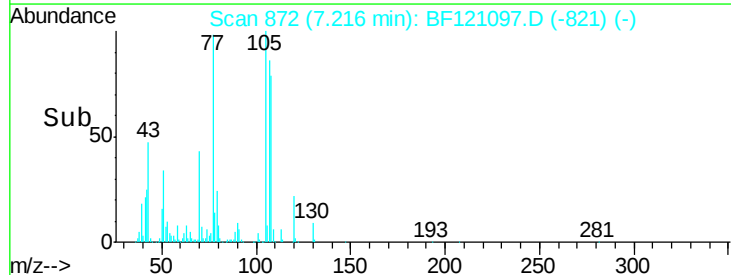
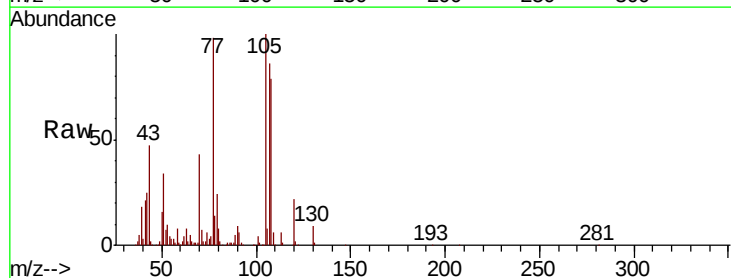
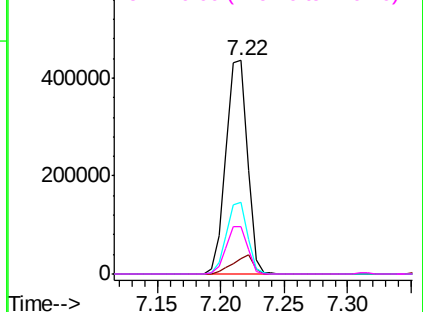
Abundance

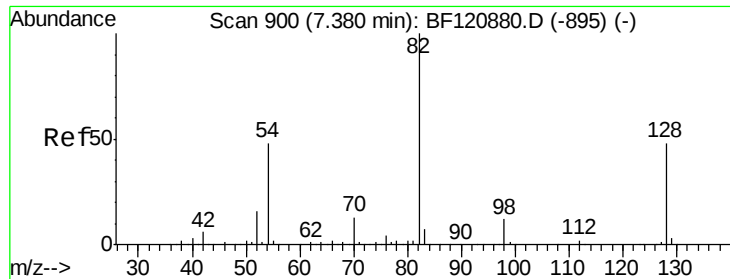
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





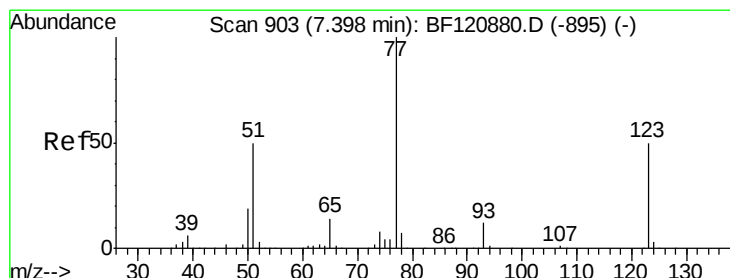
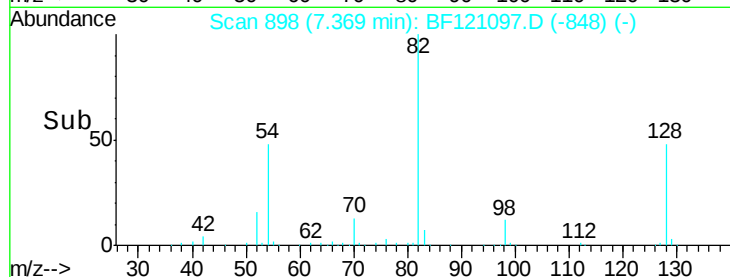
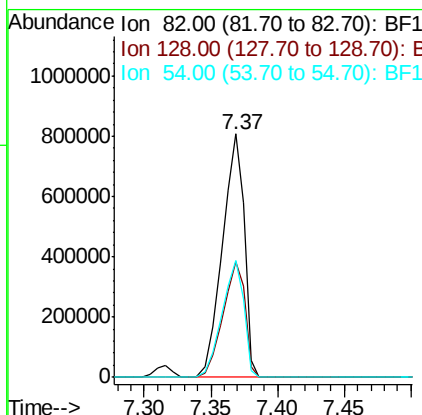
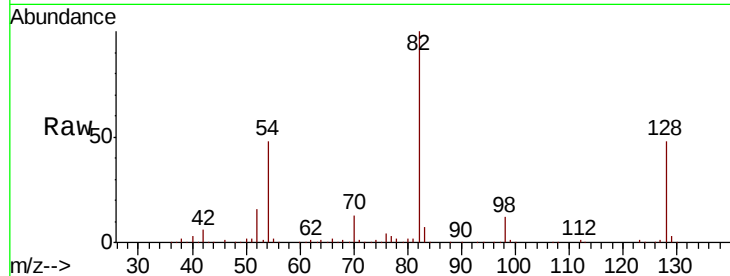
#23
Nitrobenzene-d5
Concen: 88.946 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	39.2	58.8
54	47.9	37.8	56.8

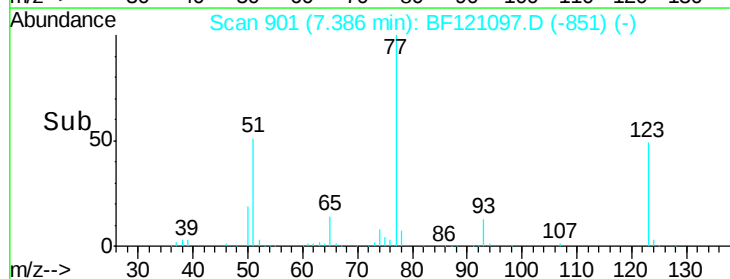
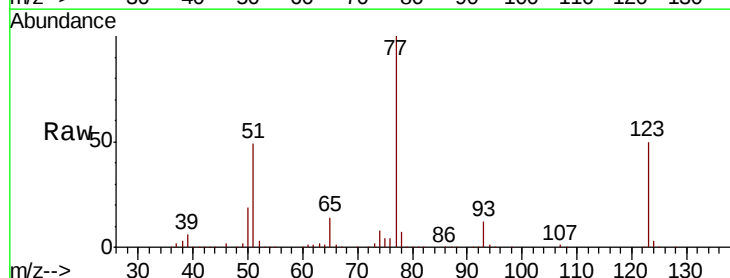
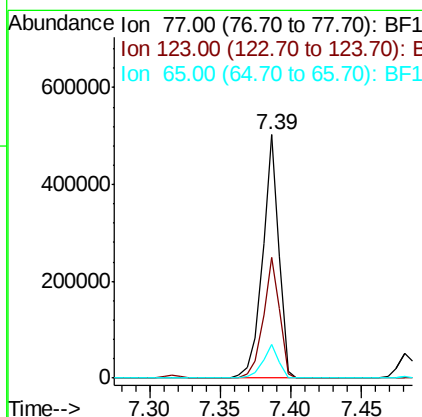
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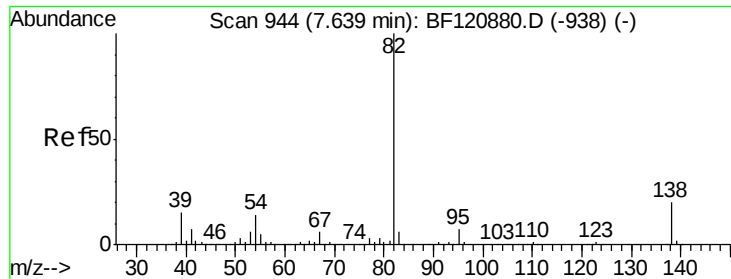
mohammad
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#24
Nitrobenzene
Concen: 35.950 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	41.0	61.6
65	13.7	10.3	15.5





#25

Isophorone

Concen: 36.192 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

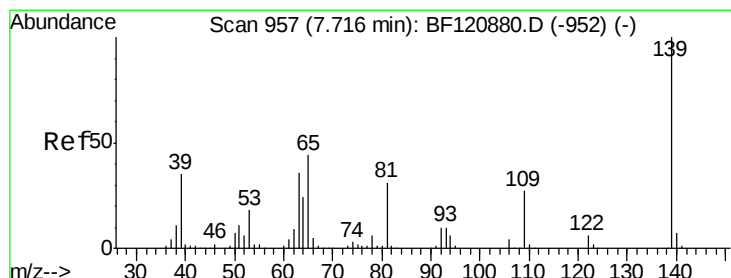
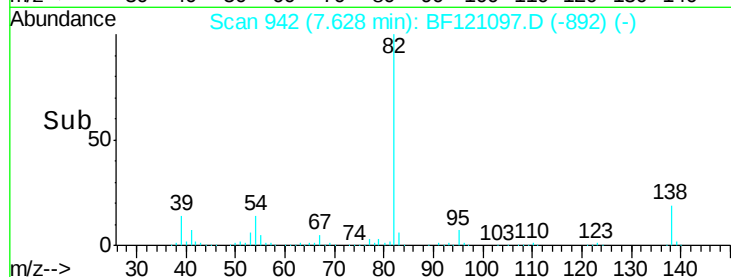
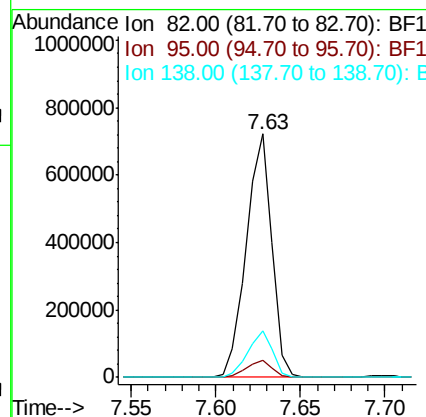
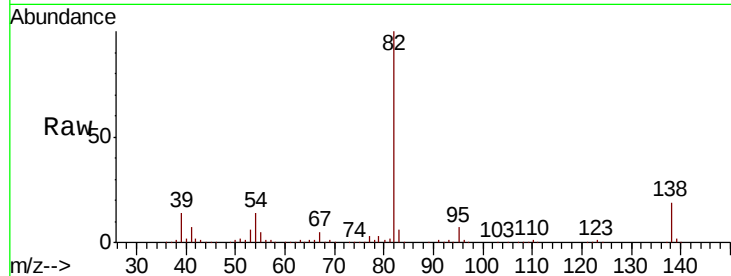
ClientSampleId :

PB130537BS

Tot Ion:	82	Resp:	761067
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.5	8.3
138	18.9	16.2	24.2

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#26

2-Nitrophenol

Concen: 40.720 ng

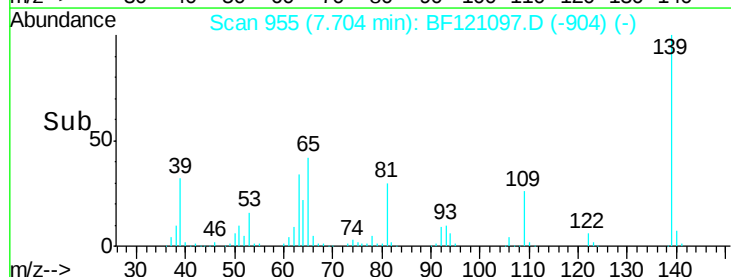
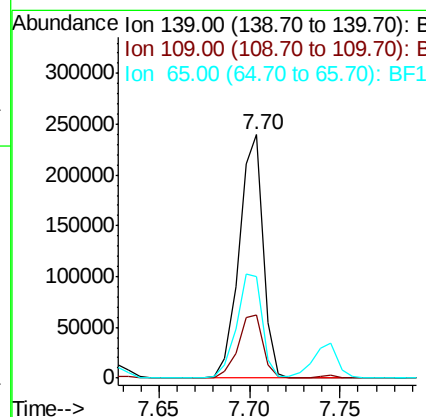
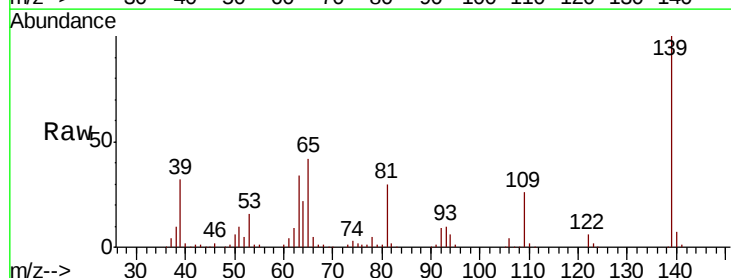
RT: 7.70 min Scan# 955

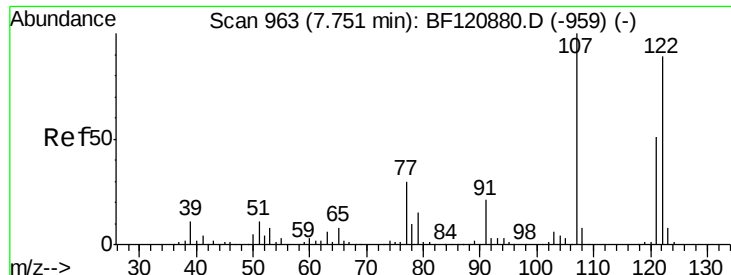
Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:	139	Resp:	219621
Ion Ratio		Lower	Upper
139	100		
109	26.2	21.7	32.5
65	41.7	36.3	54.5





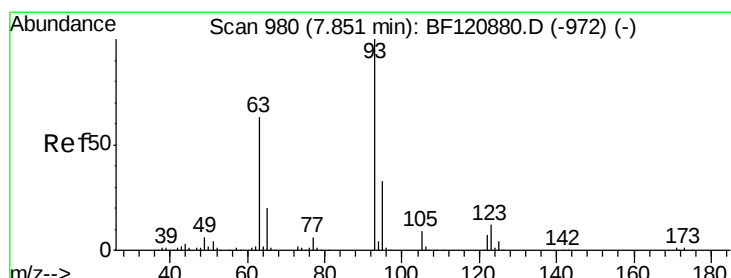
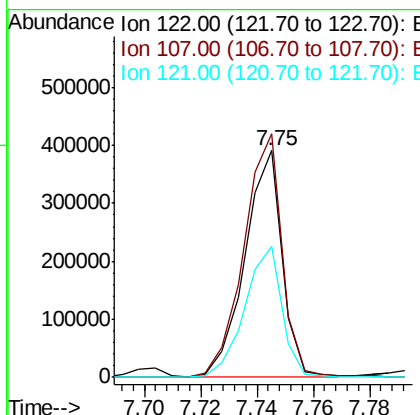
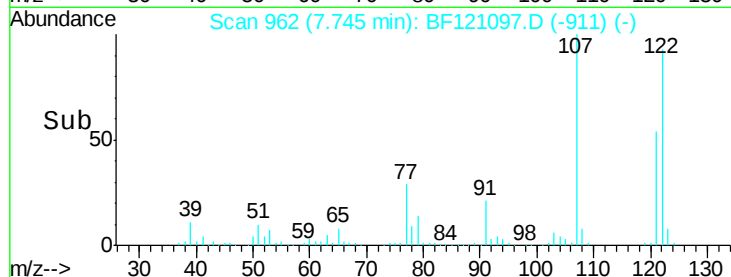
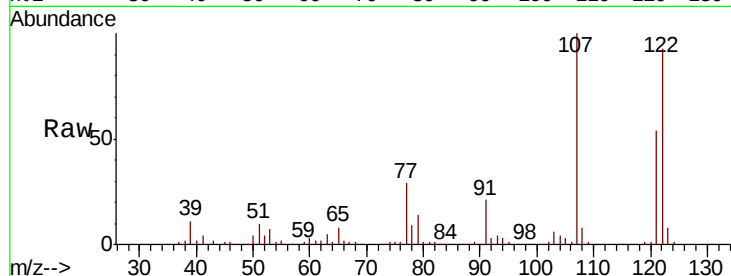
#27
2,4-Dimethylphenol
Concen: 40.858 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.5	87.1	130.7
121	57.7	45.5	68.3

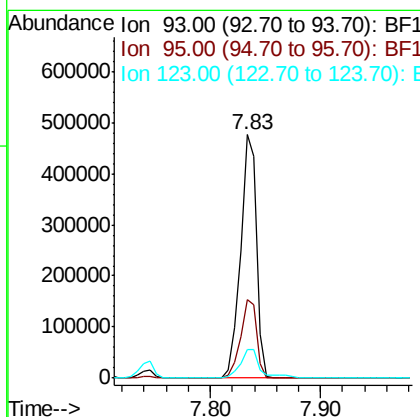
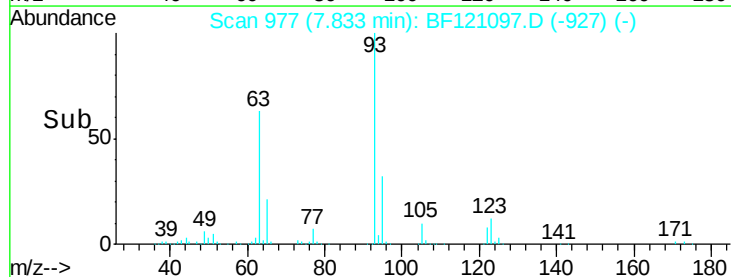
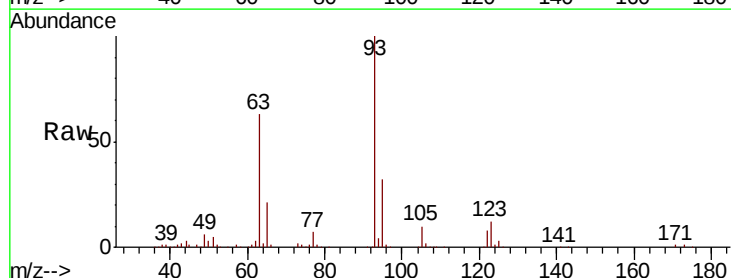
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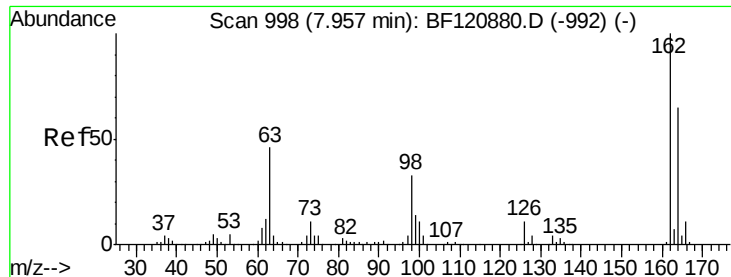
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.694 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	11.8	9.5	14.3





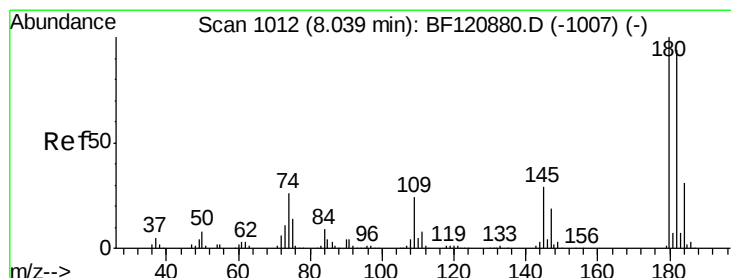
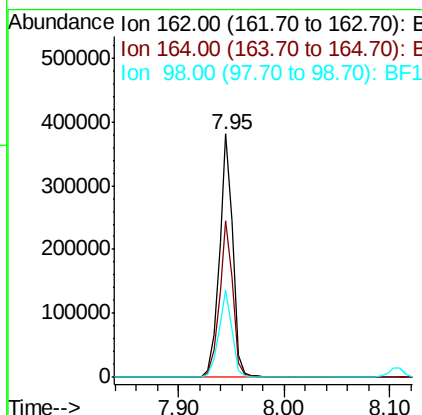
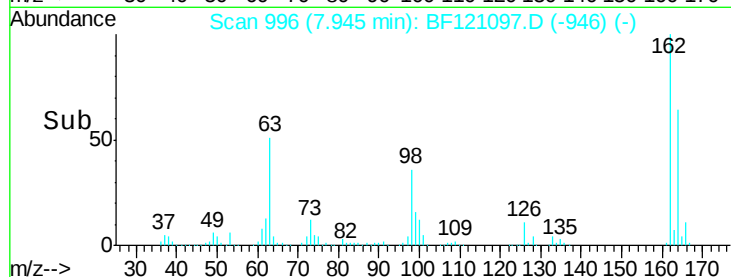
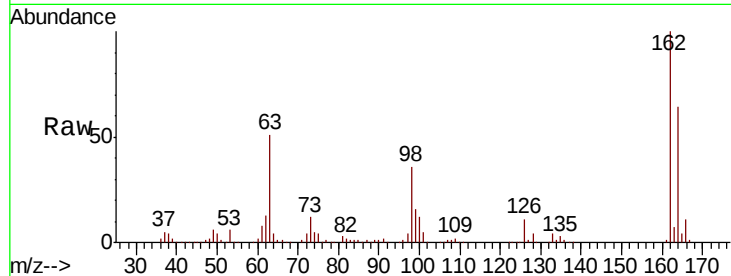
#29
2,4-Dichlorophenol
Concen: 38.313 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	342833		
164	64.2		44.7	84.7
98	36.2		14.2	54.2

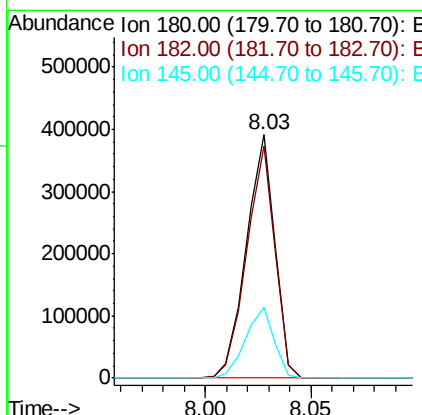
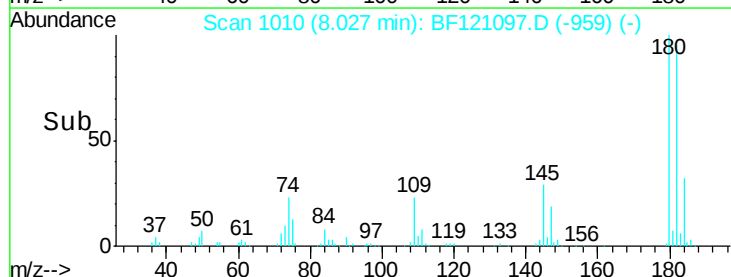
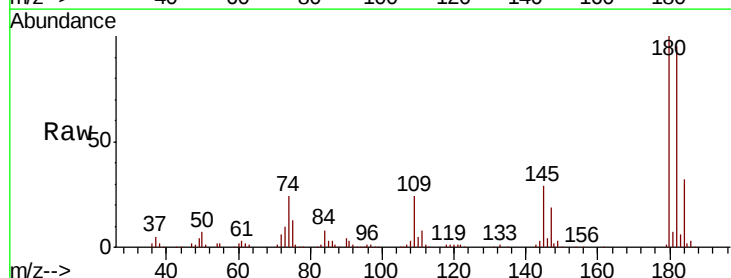
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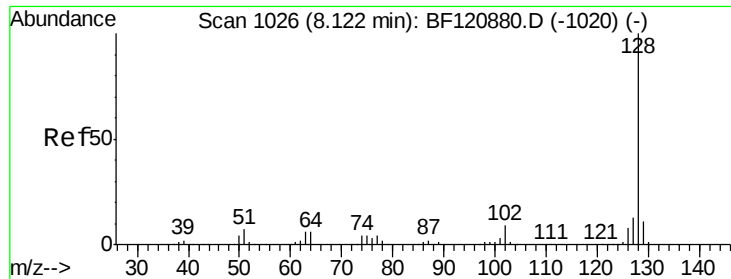
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.938 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	366714		
182	95.3		76.4	114.6
145	28.9		24.2	36.4





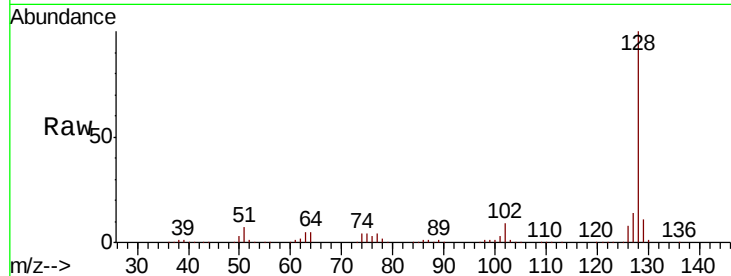
#31
Naphthalene
Concen: 36.184 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

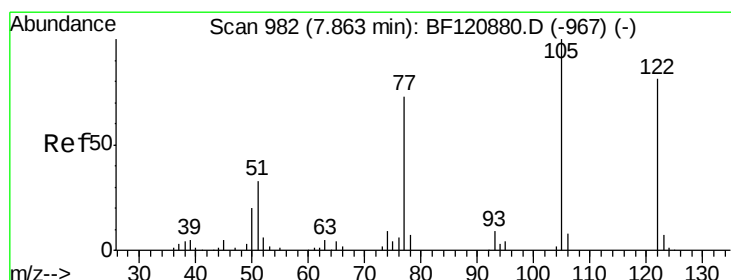
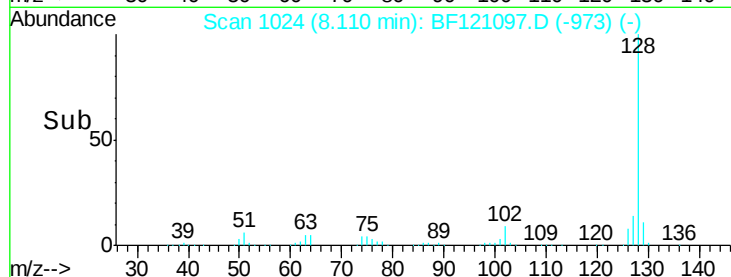
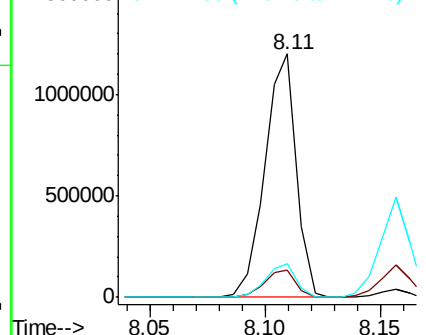
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.7	10.8	16.2

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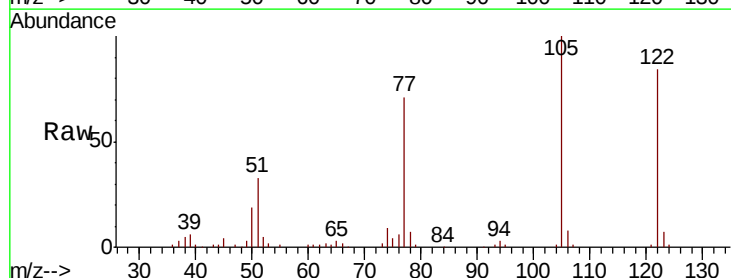


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

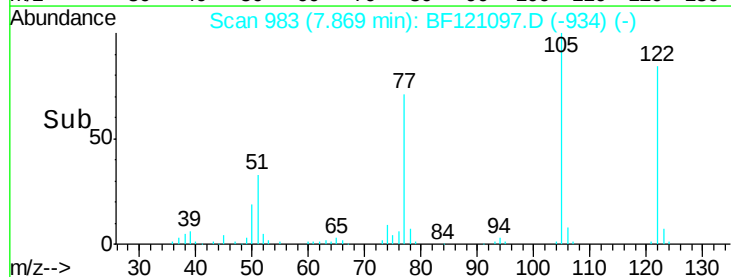
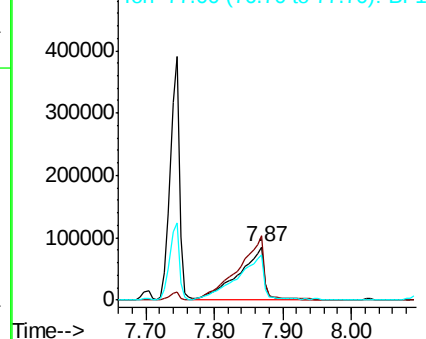


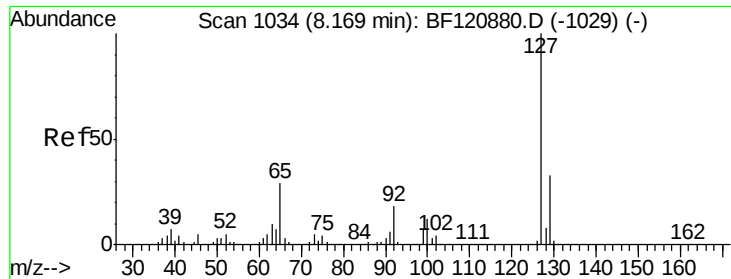
#32
Benzoic acid
Concen: 34.259 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	100.9	140.9
77	85.0	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





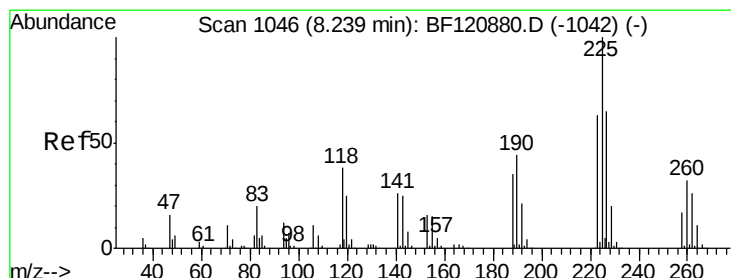
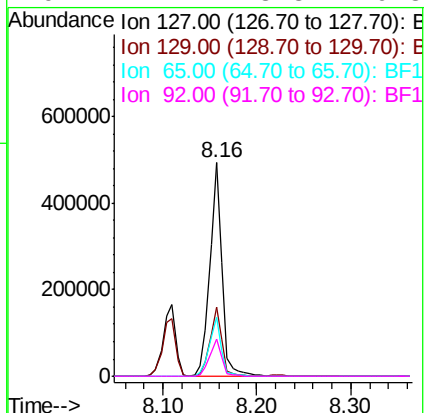
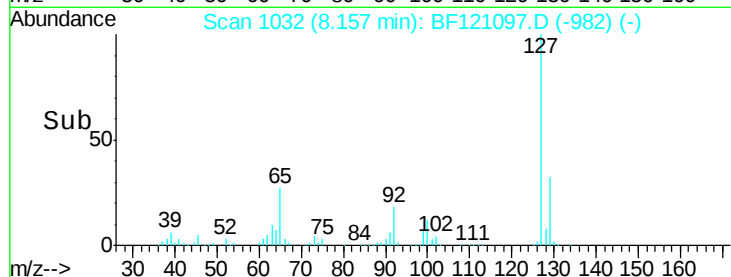
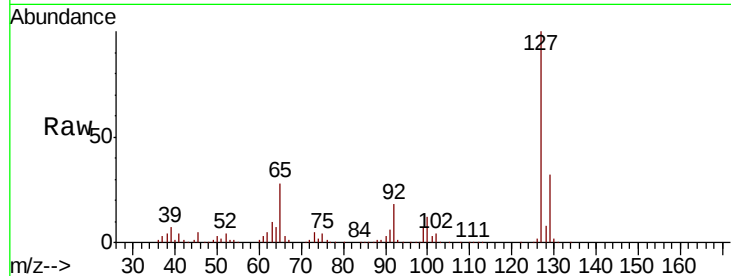
#33
4-Chloroaniline
Concen: 32.596 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	27.7	21.4	32.0		
92	17.7	13.8	20.8		

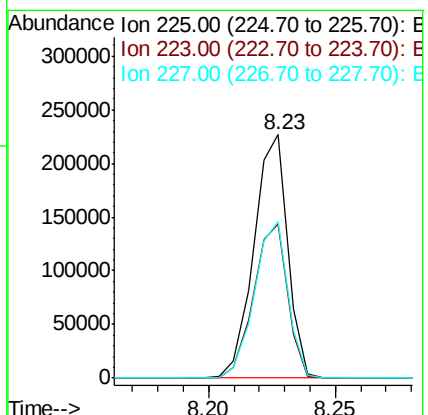
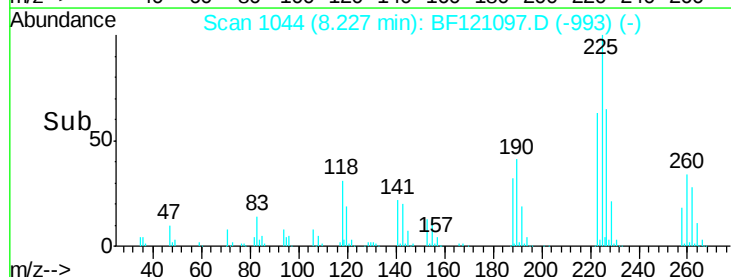
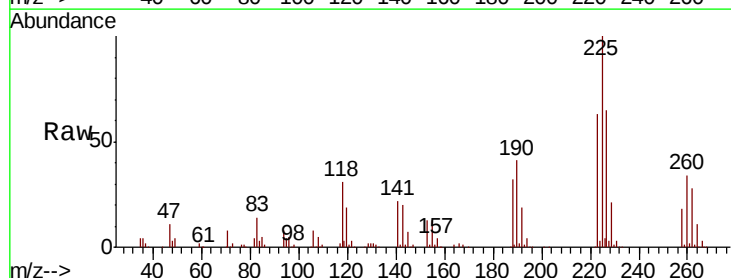
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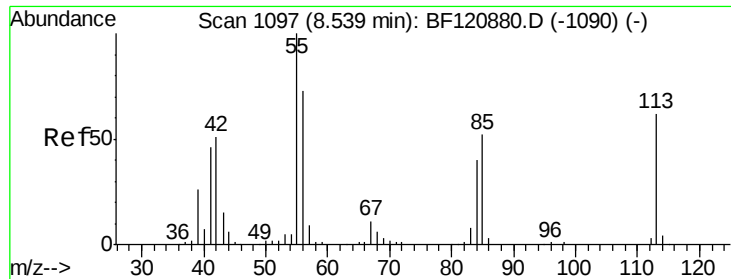
mohammad
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#34
Hexachlorobutadiene
Concen: 36.072 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	64.5	51.4	77.0		





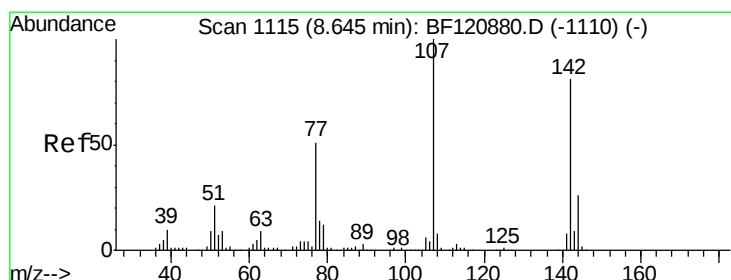
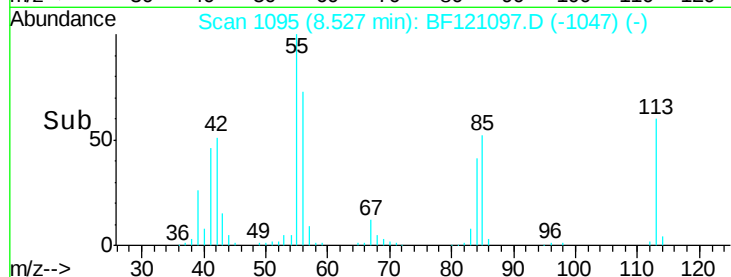
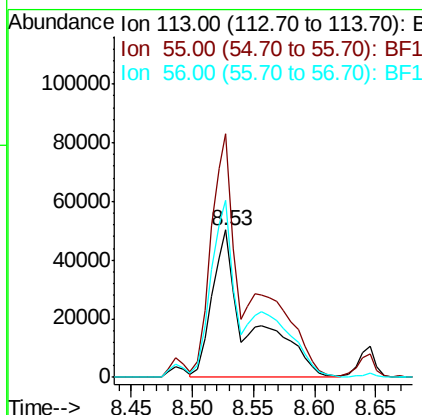
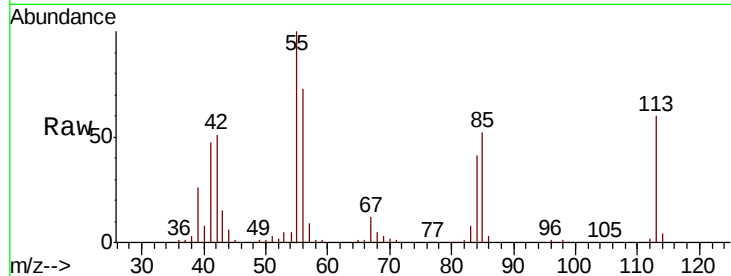
#35
Caprolactam
Concen: 37.701 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.4		131.0	171.0	
56	120.1		90.4	130.4	

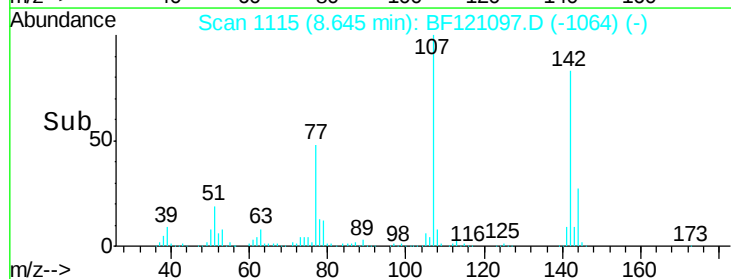
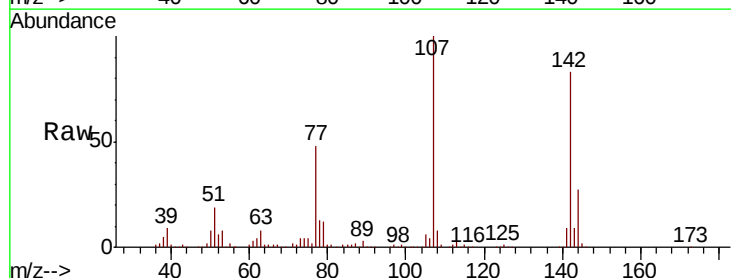
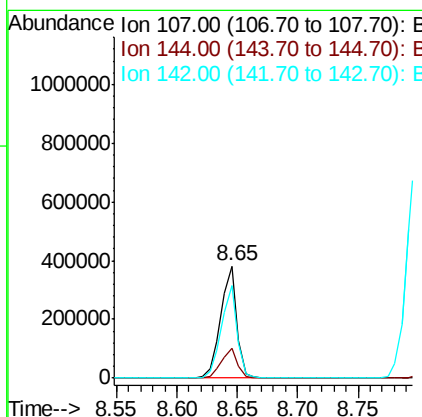
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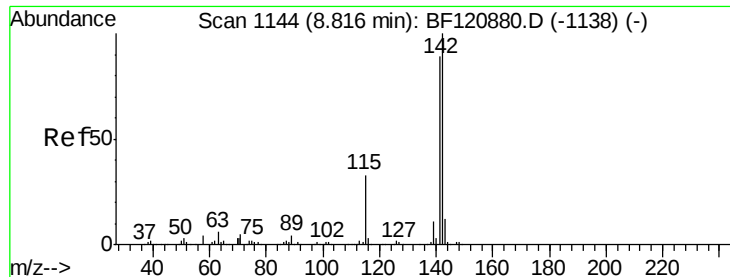
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 37.897 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.7		20.9	31.3	
142	82.6		64.5	96.7	





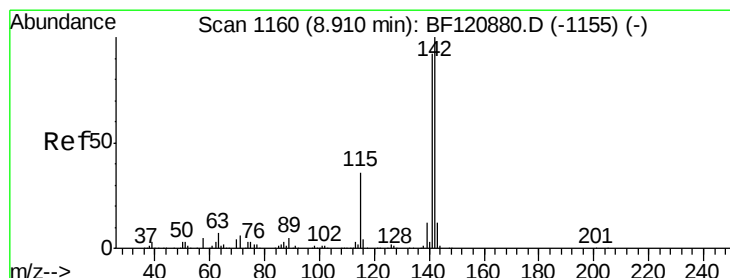
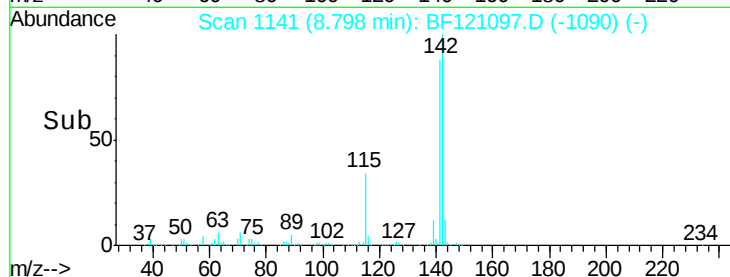
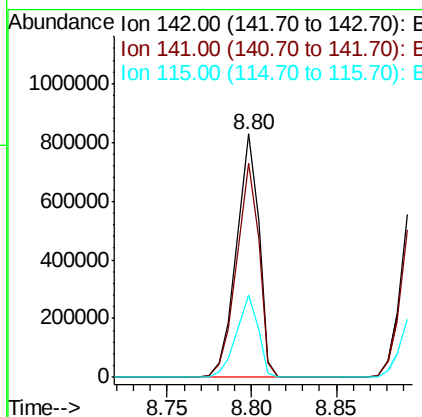
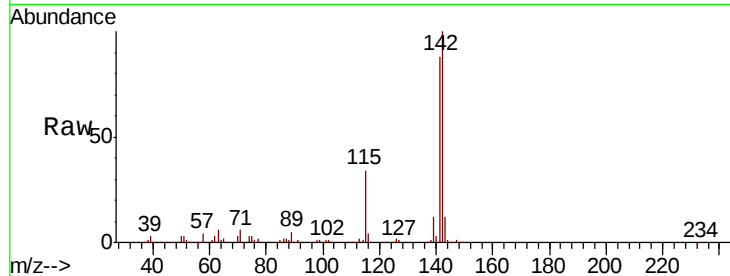
#37
2-Methylnaphthalene
Concen: 37.818 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	33.8	27.1	40.7

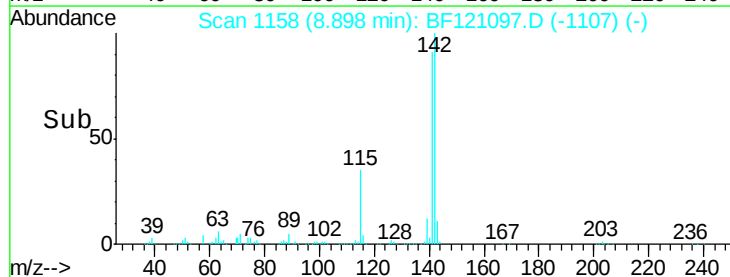
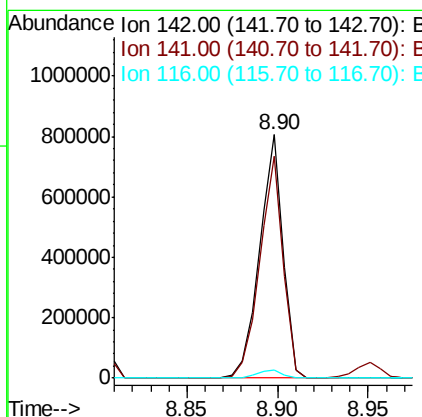
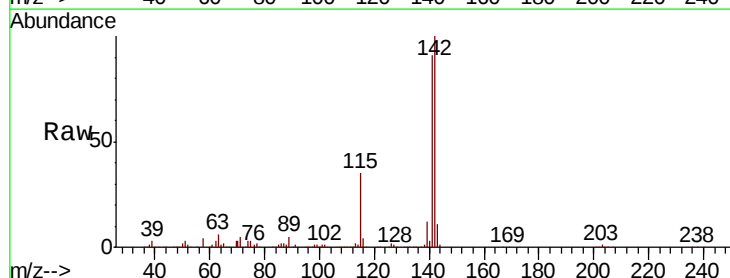
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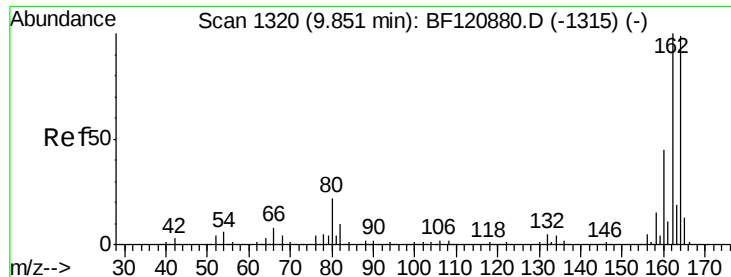
mohammad
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#38
1-Methylnaphthalene
Concen: 37.434 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.0	109.6
116	3.5	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: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

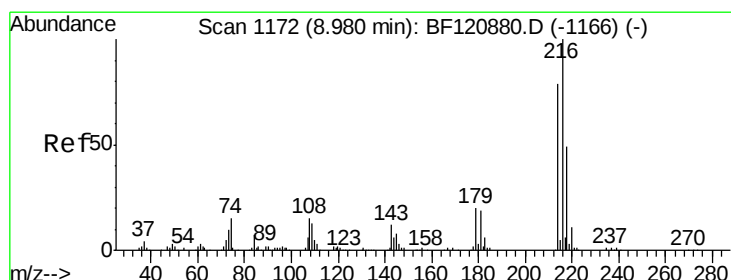
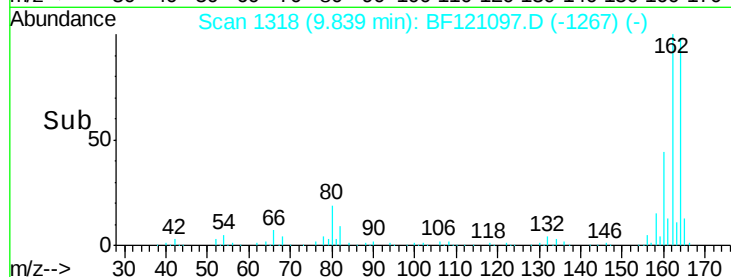
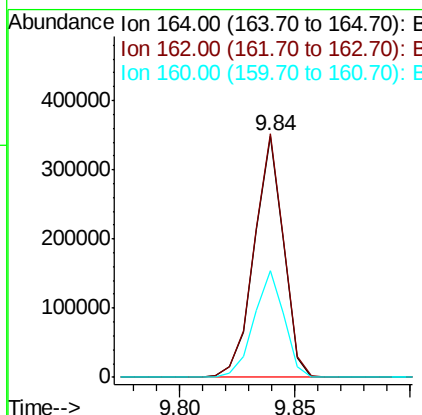
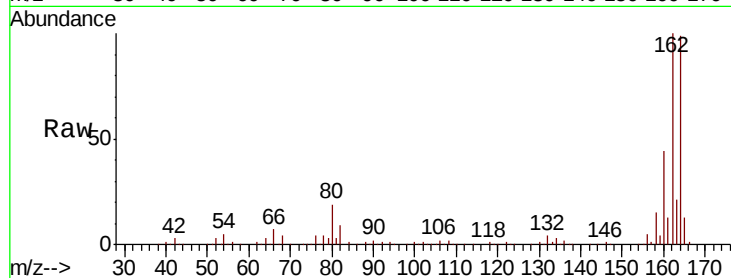
ClientSampleId :

PB130537BS

Tot Ion:	164	Resp:	309200
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.2	123.2
160	44.3	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.757 ng

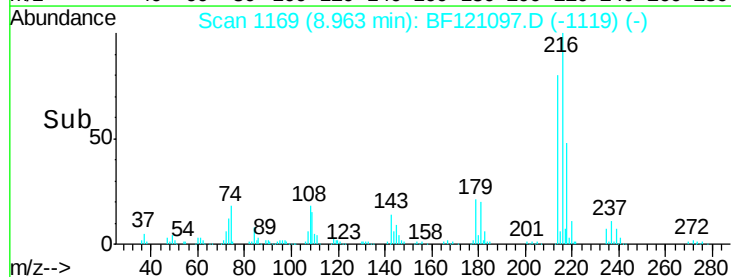
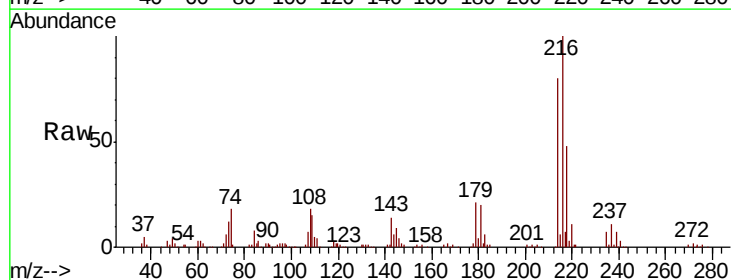
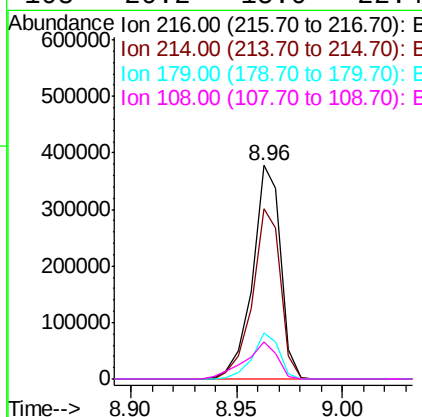
RT: 8.96 min Scan# 1169

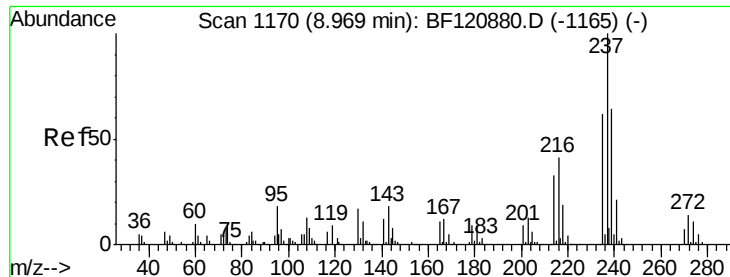
Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion:	216	Resp:	349157
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.9	95.9
179	20.4	16.6	24.8
108	20.2	15.0	22.4





#41

Hexachlorocyclopentadiene

Concen: 81.082 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

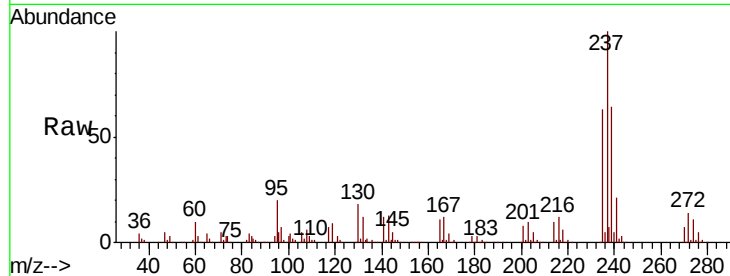
ClientSampleId :

PB130537BS

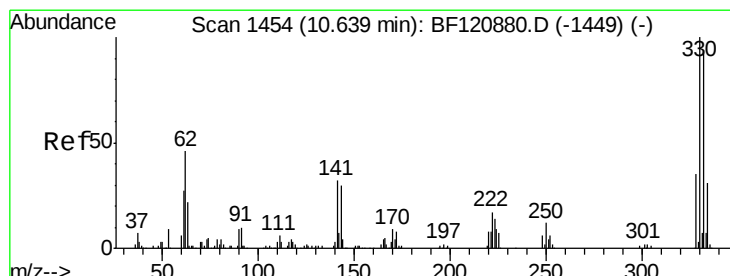
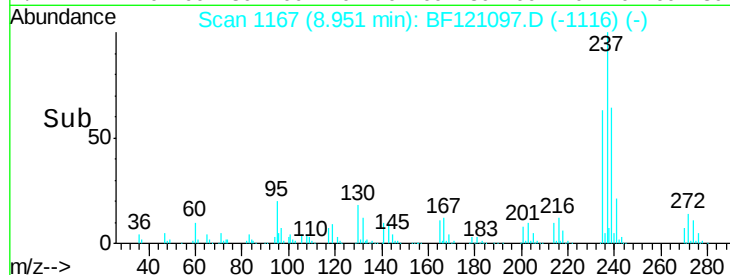
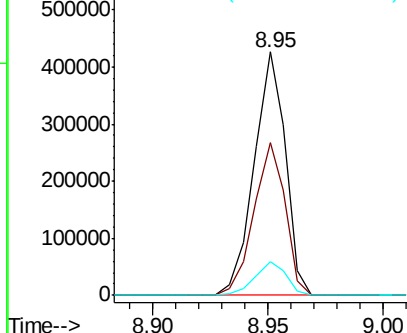
Tot Ion:	237	Resp:	403704
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	13.6	0.0	33.6

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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: 126.961 ng

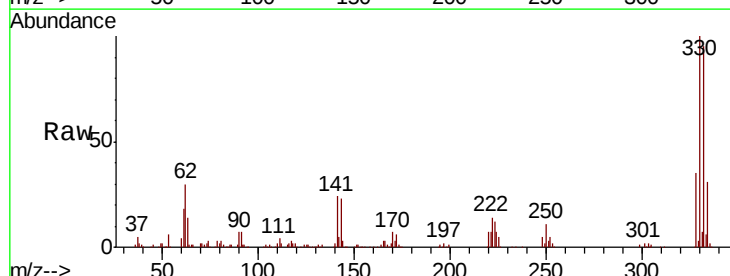
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

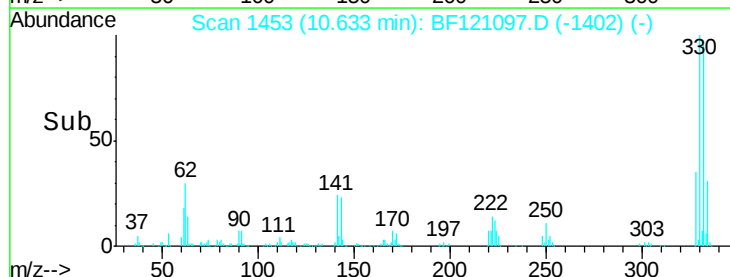
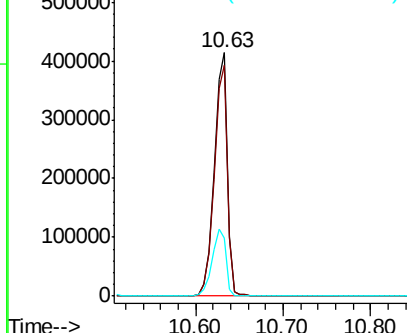
Lab File: BF121097.D

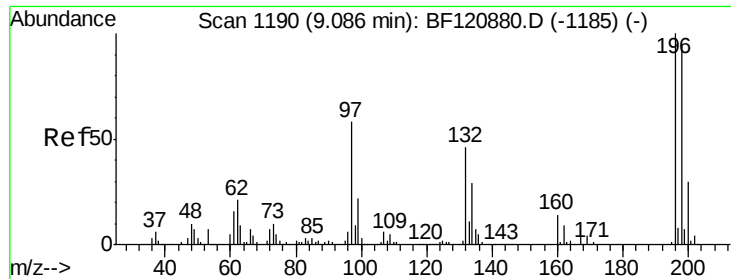
Acq: 29 Jul 2020 12:36

Tgt Ion:	330	Resp:	429699
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.1	114.1
141	29.2	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





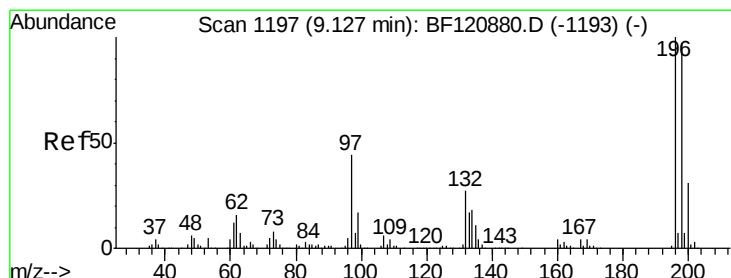
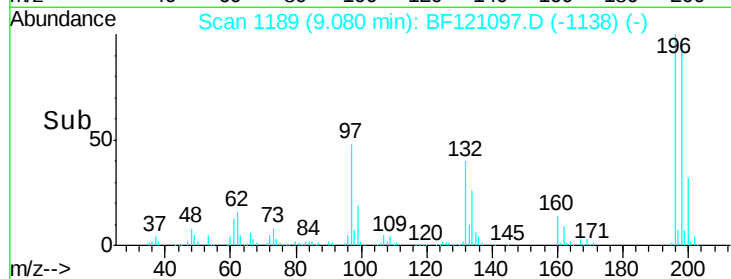
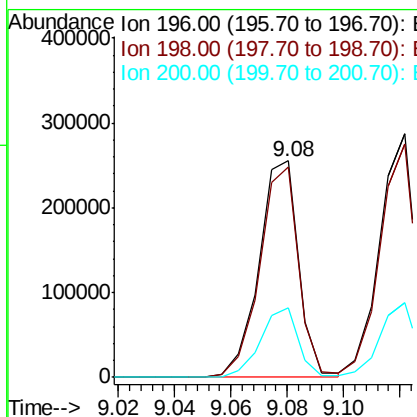
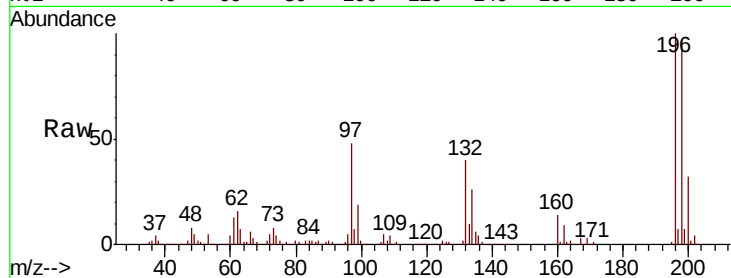
#43
 2,4,6-Trichlorophenol
 Concen: 39.171 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampled :
 PB130537BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248462		
198	97.0	77.5	116.3	
200	31.8	24.6	37.0	

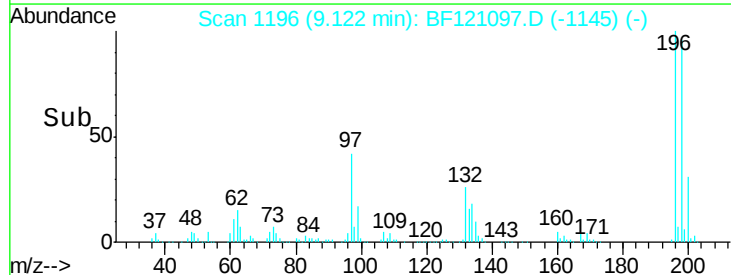
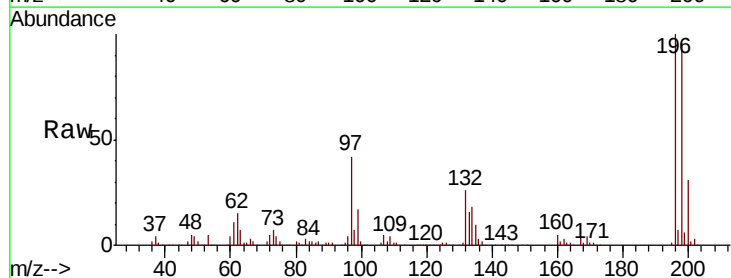
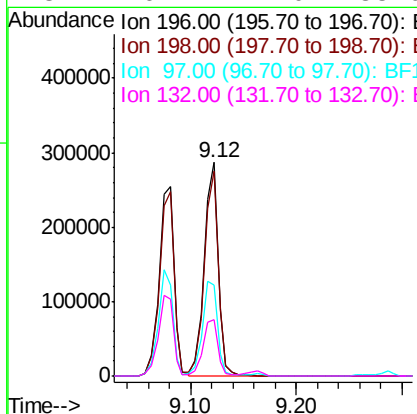
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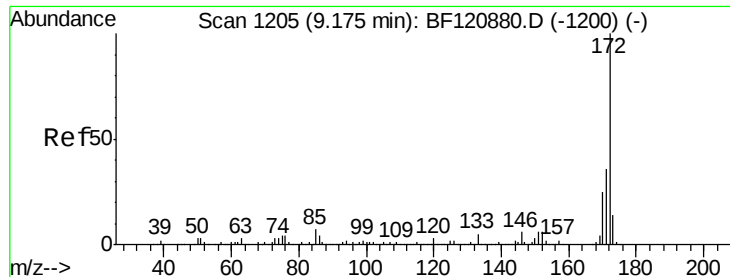
mohammad
 7/30/2020 3:33:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.637 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263605		
198	96.1	76.2	114.4	
97	42.5	37.3	55.9	
132	26.1	22.0	33.0	





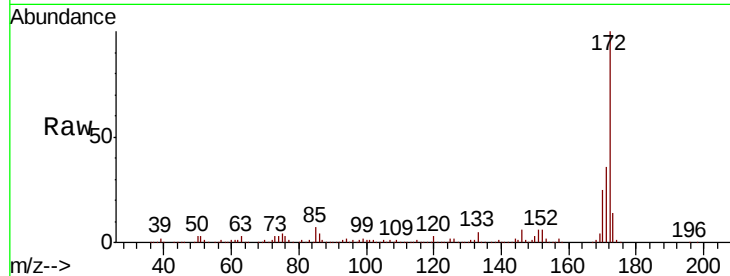
#45
2-Fluorobiphenyl
Concen: 78.093 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.6	29.4

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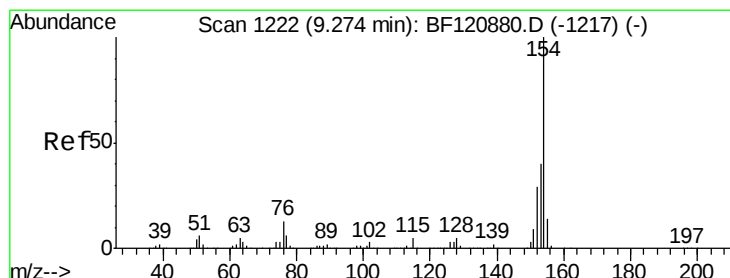
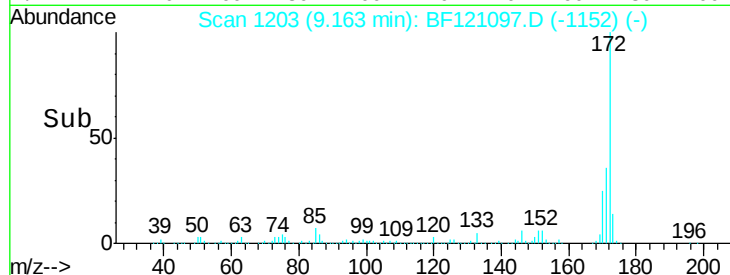
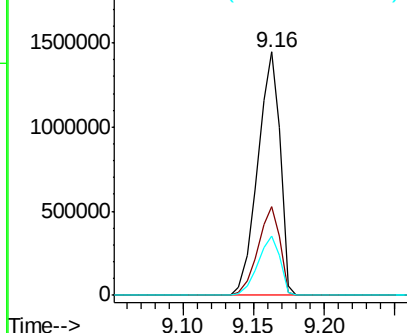


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.026 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

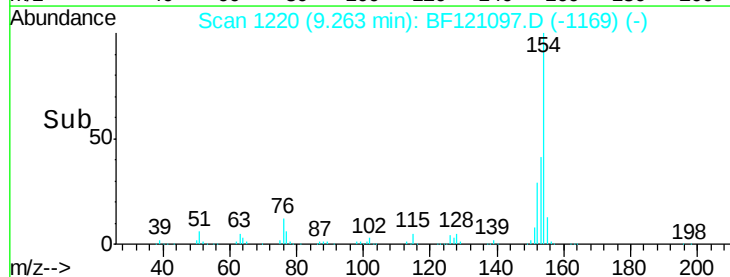
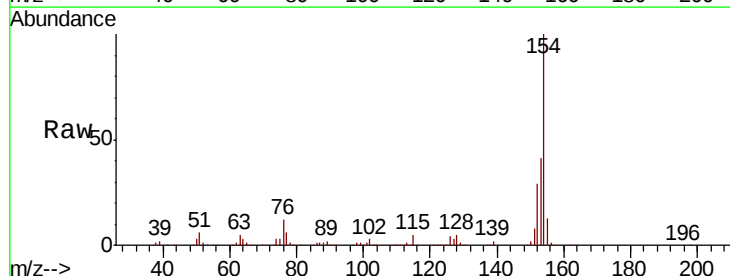
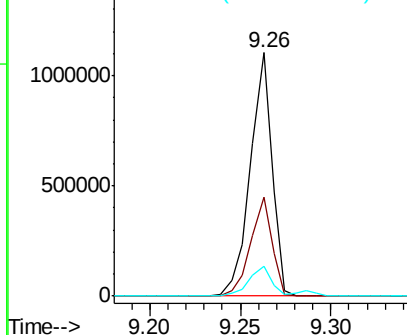
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	12.2	0.0	33.4

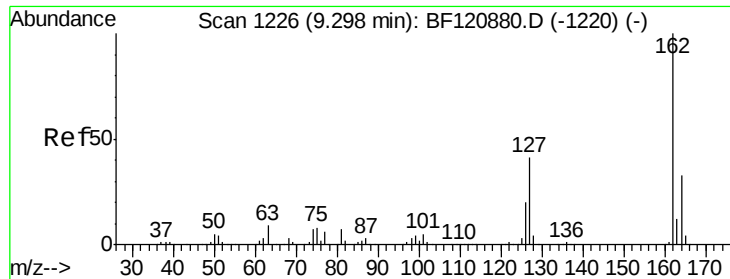
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





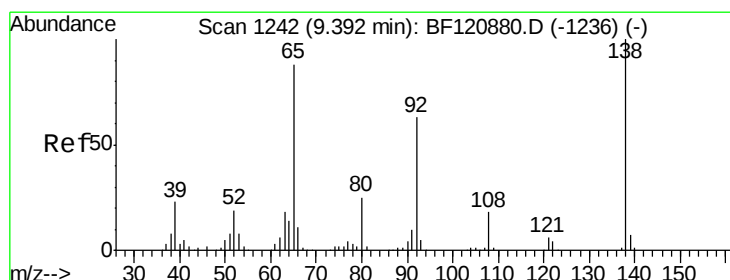
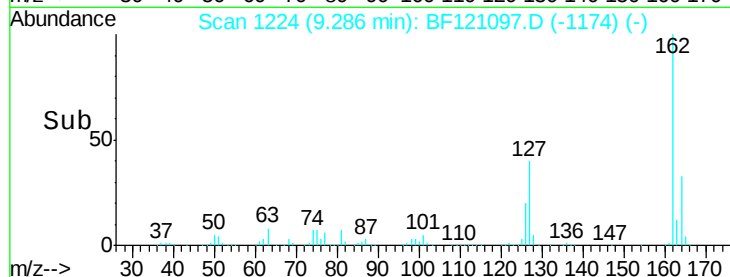
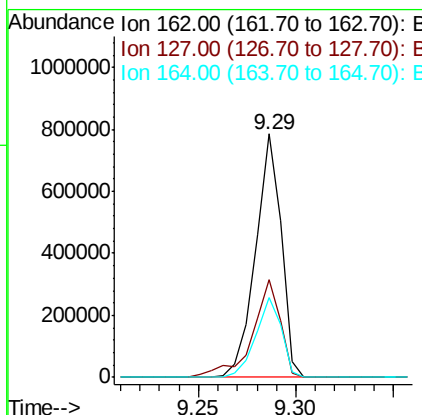
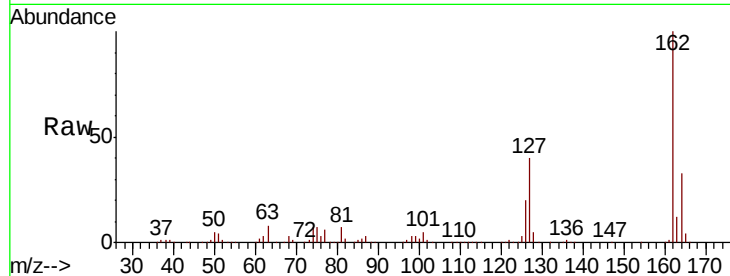
#47
 2-Chloronaphthalene
 Concen: 37.118 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.0	31.1	46.7
164	32.9	26.6	40.0

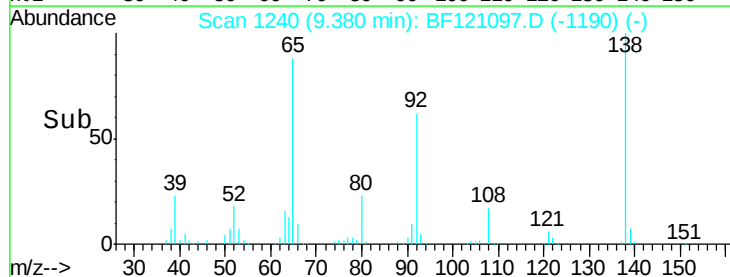
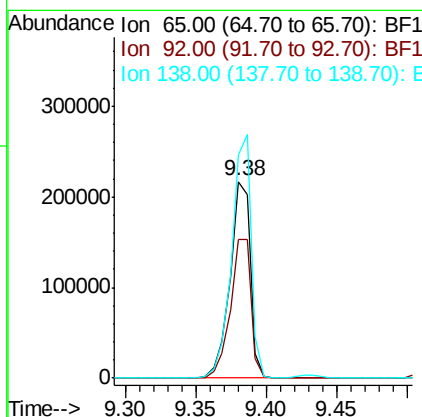
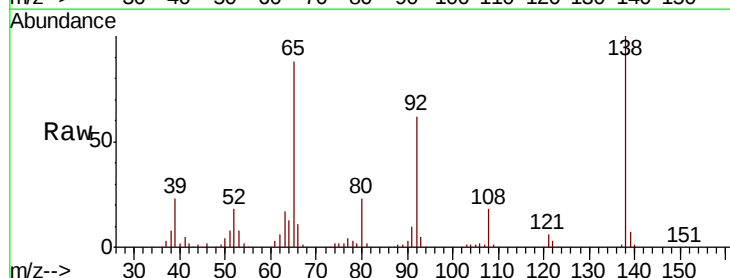
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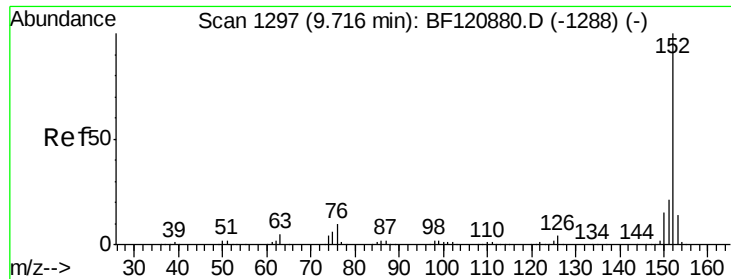
mohammad
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#48
 2-Nitroaniline
 Concen: 37.410 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.3	58.0	87.0
138	113.4	93.3	139.9





#49

Acenaphthylene

Concen: 38.203 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion:152 Resp: 1141257

Ion Ratio Lower Upper

152 100

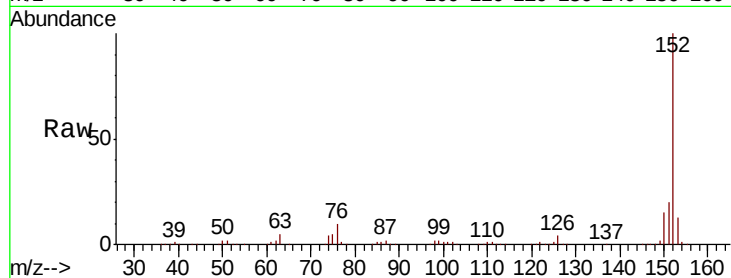
151 20.3 16.6 25.0

153 13.2 11.0 16.4

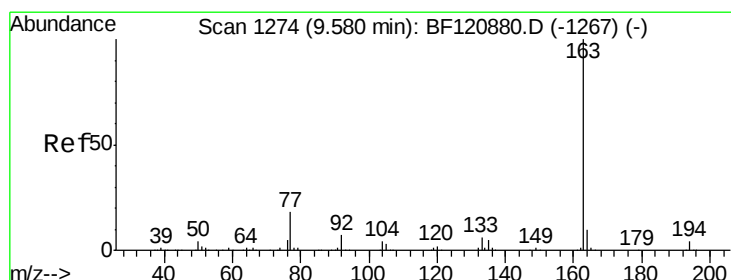
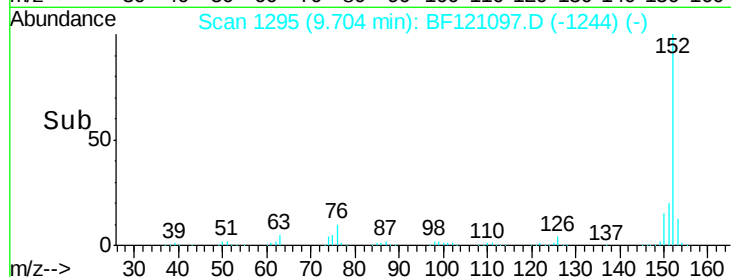
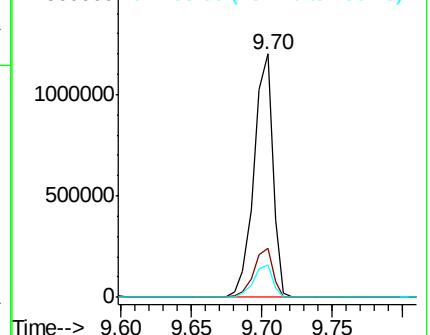
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.661 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

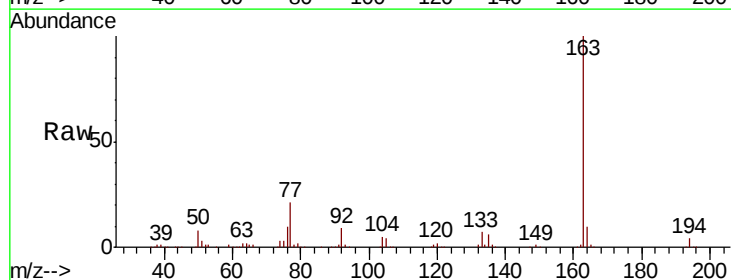
Tgt Ion:163 Resp: 840094

Ion Ratio Lower Upper

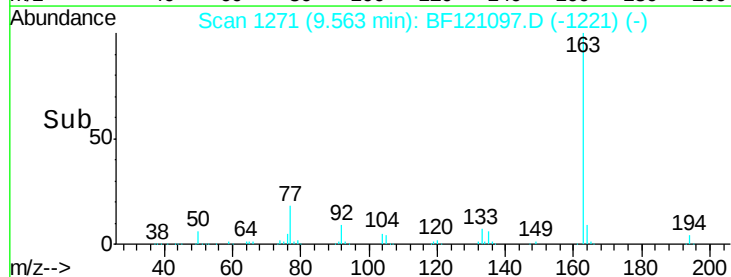
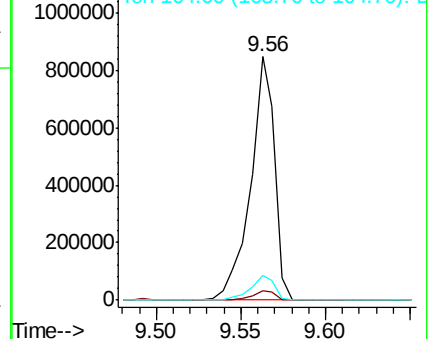
163 100

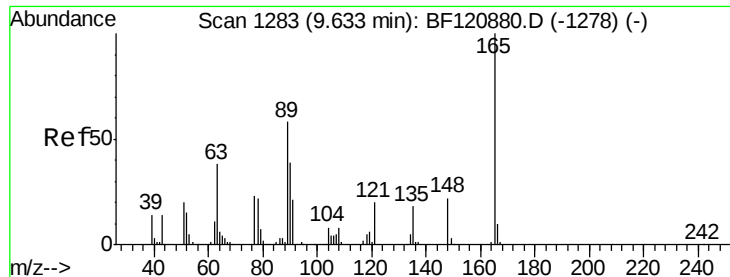
194 3.7 3.0 4.4

164 10.4 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 39.162 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion:165 Resp: 187681

Ion Ratio Lower Upper

165 100

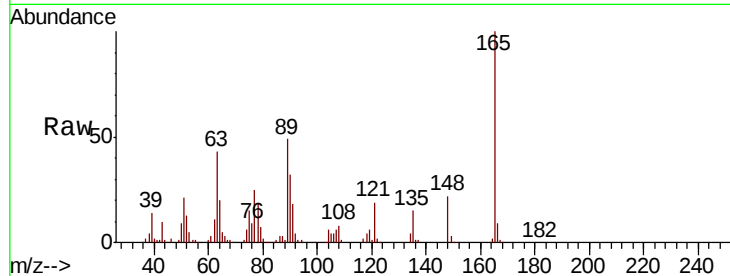
63 43.5 41.1 61.7

89 49.0 43.5 65.3

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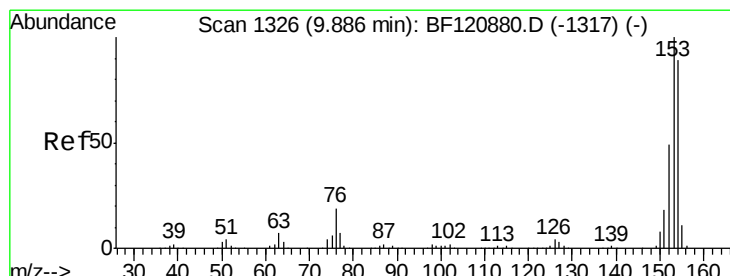
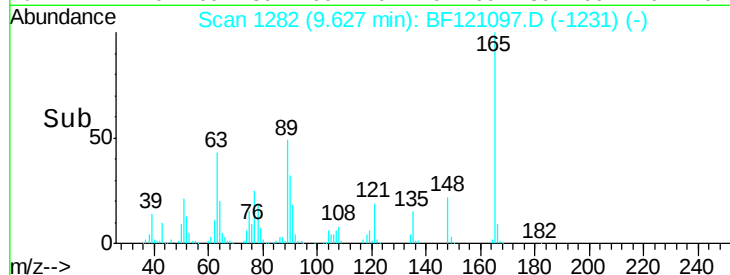
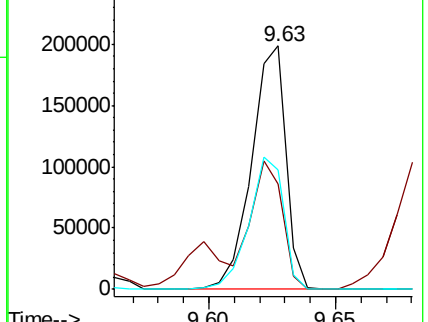
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.269 ng m

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

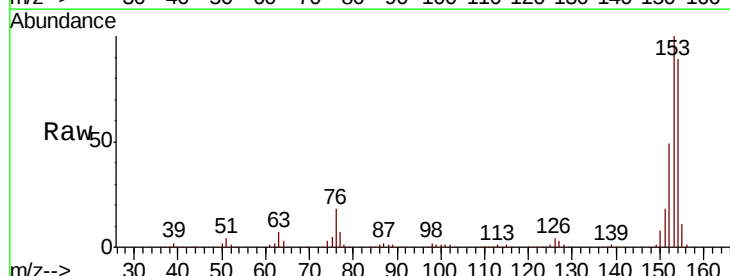
Tgt Ion:154 Resp: 764823

Ion Ratio Lower Upper

154 100

153 112.4 89.6 134.4

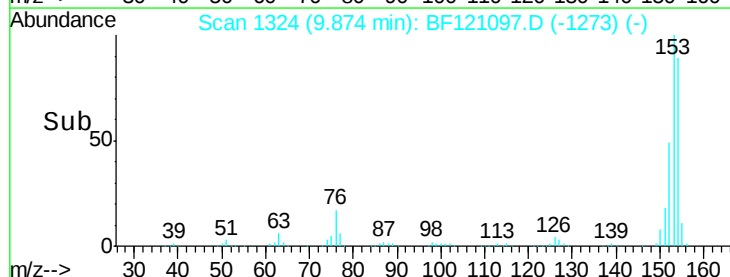
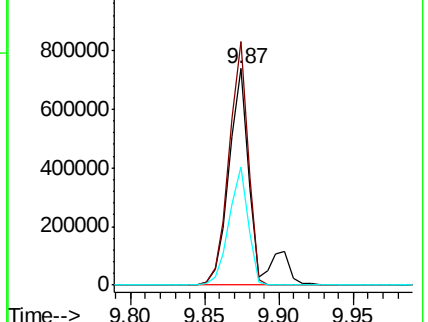
152 54.7 43.8 65.6

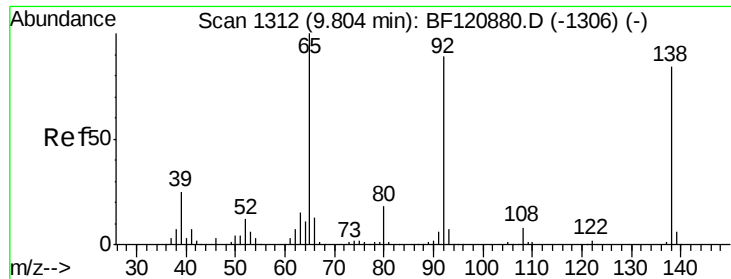


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





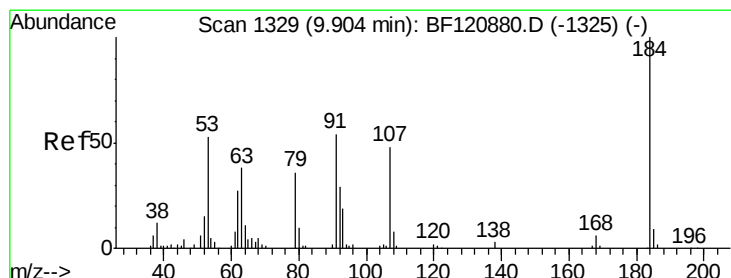
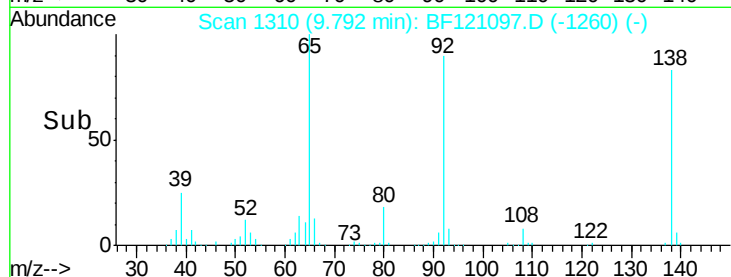
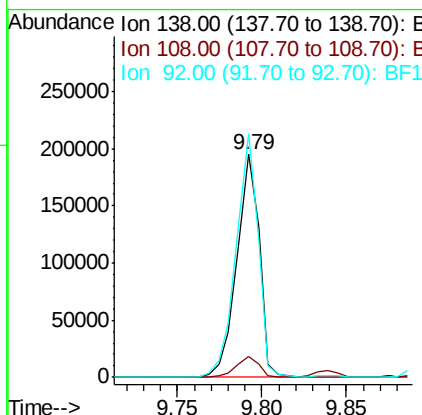
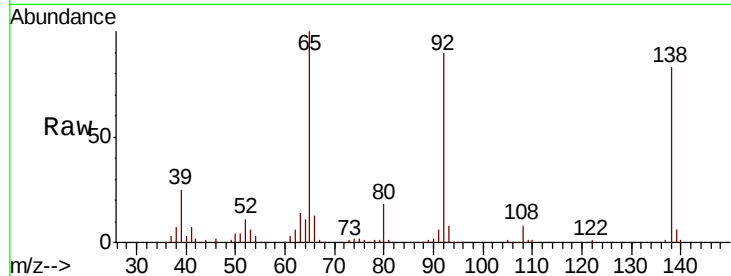
#53
3-Nitroaniline
Concen: 30.046 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	109.3	85.0	127.4

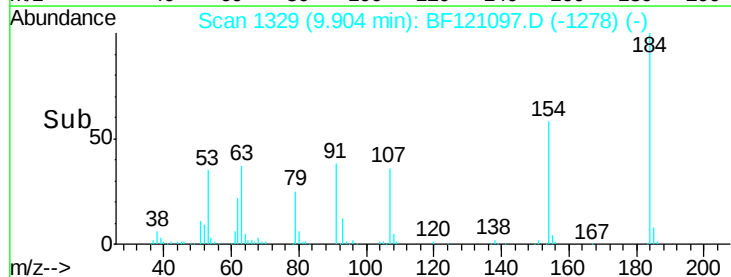
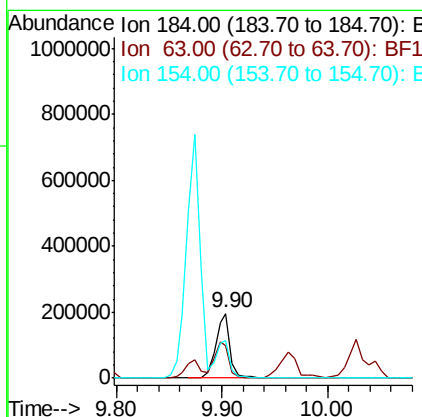
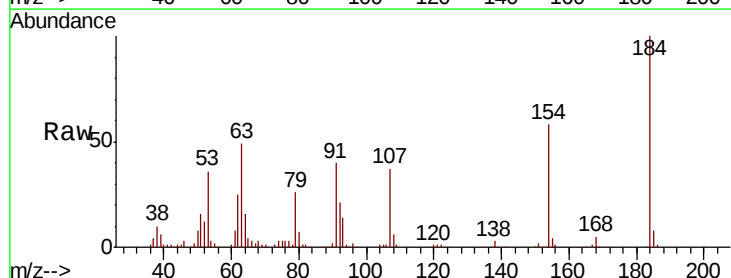
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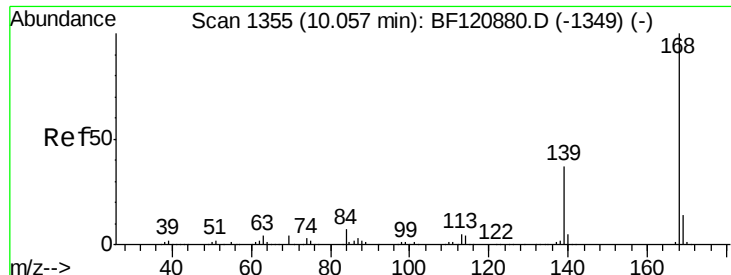
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.595 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.4	42.5	63.7
154	57.8	46.8	70.2





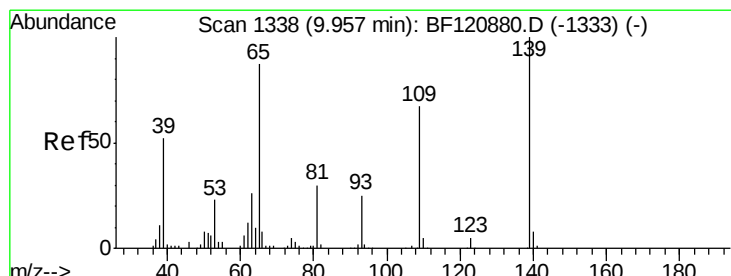
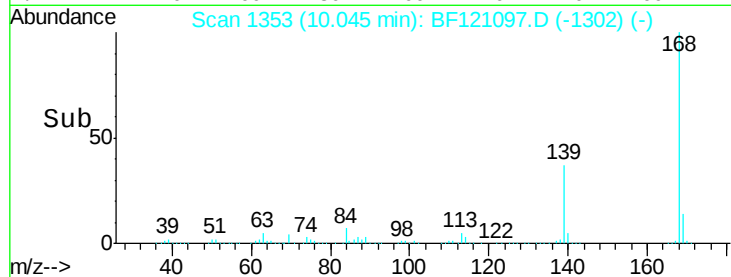
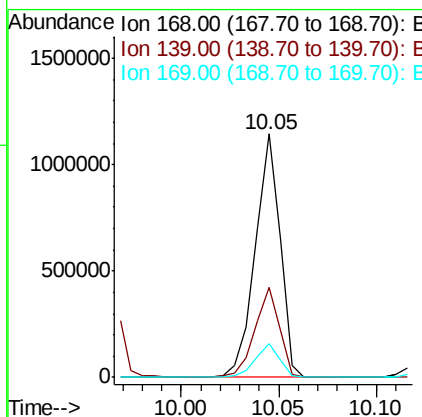
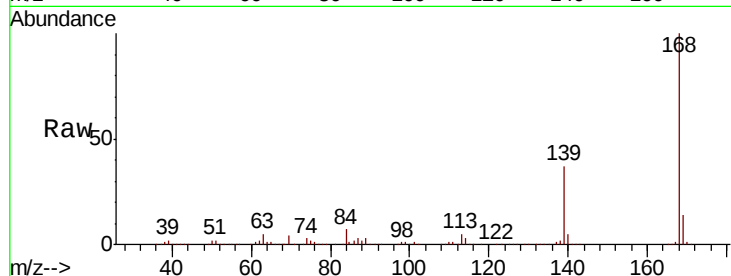
#55
Dibenzenofuran
Concen: 36.733 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1
169	13.8	11.3	16.9

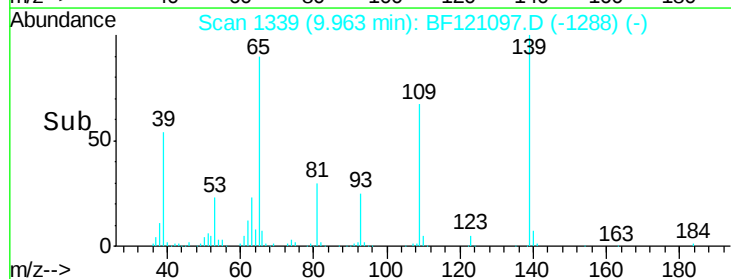
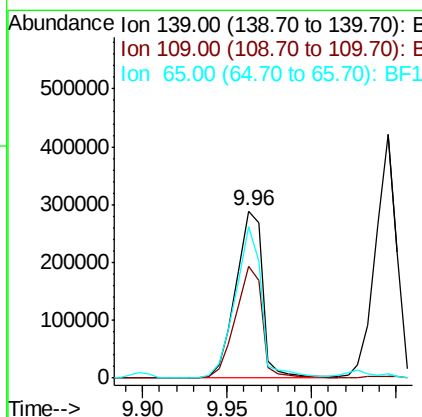
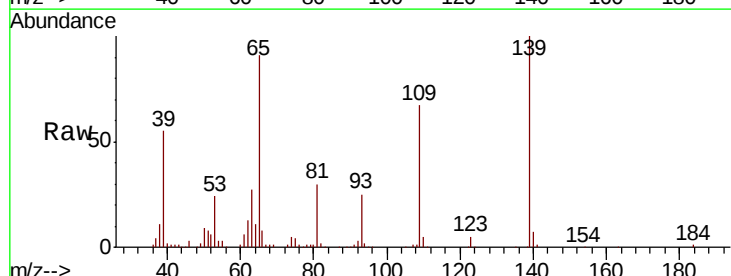
Manual Integrations
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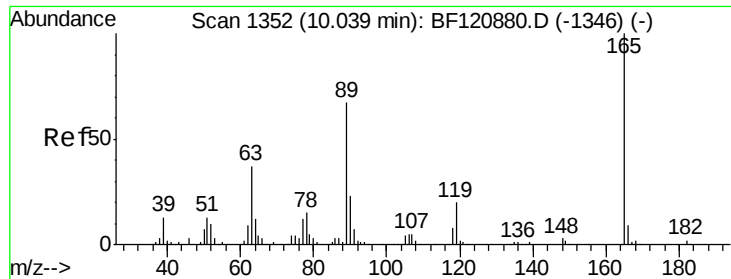
mohammad
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#56
4-Nitrophenol
Concen: 70.695 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	44.8	84.8
65	90.6	65.6	105.6





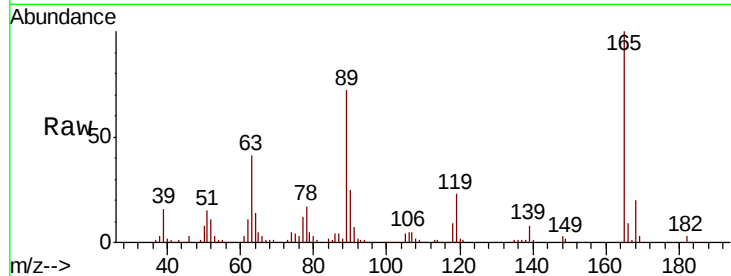
#57
2,4-Dinitrotoluene
Concen: 39.266 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247116		
63	41.1	29.8	44.8	
89	71.6	50.3	75.5	
182	2.6	2.1	3.1	

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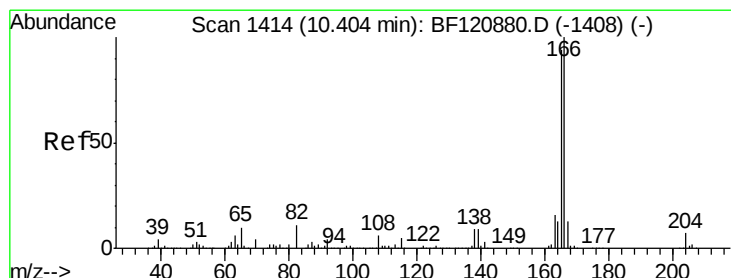
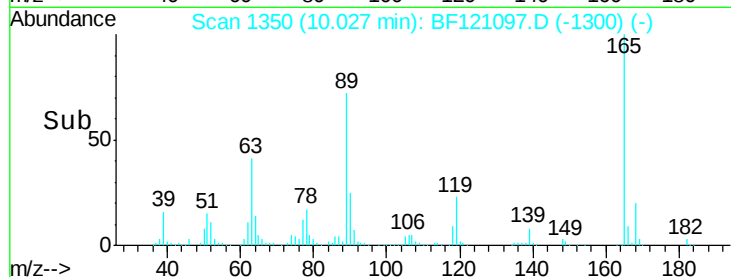
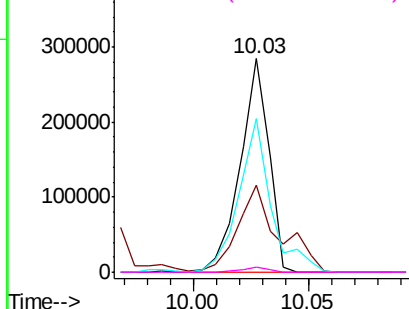
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

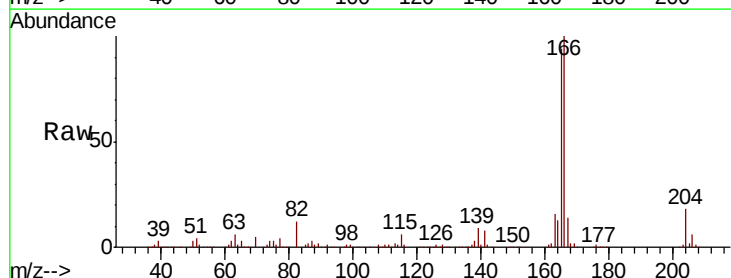
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.021 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	737868		
165	94.2	76.4	114.6	
167	13.8	10.7	16.1	

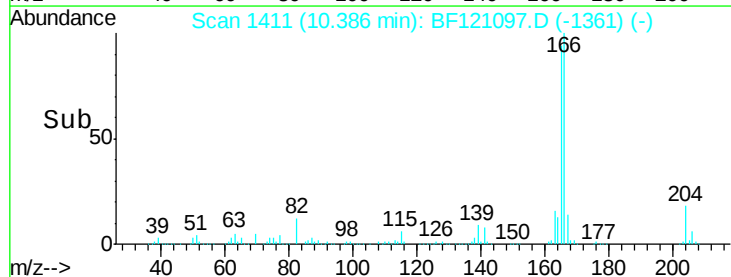
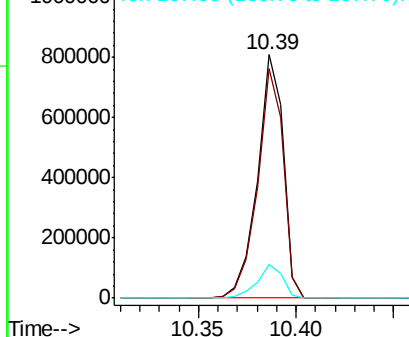


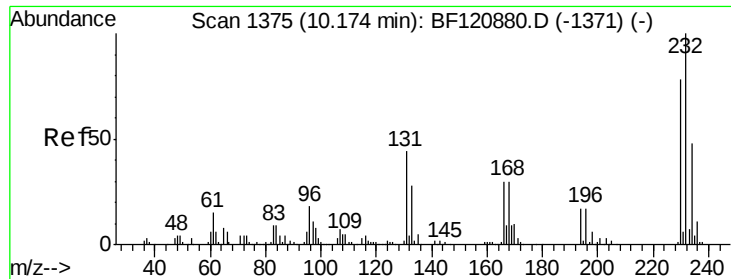
Abundance

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





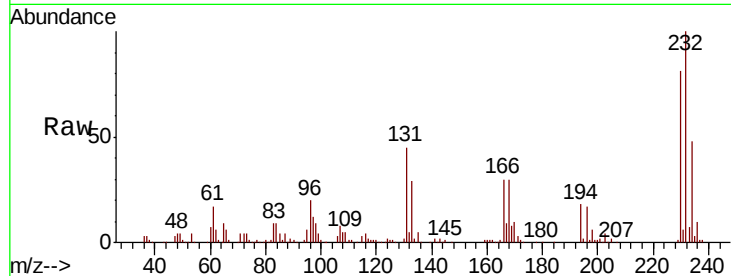
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.285 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

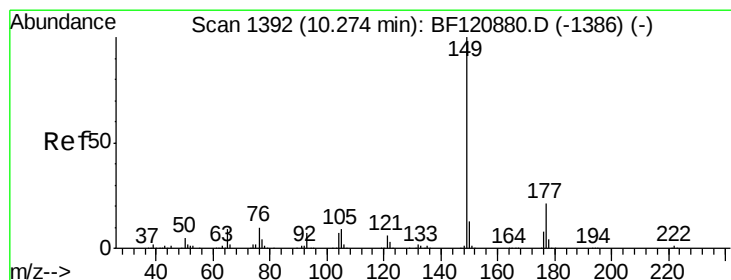
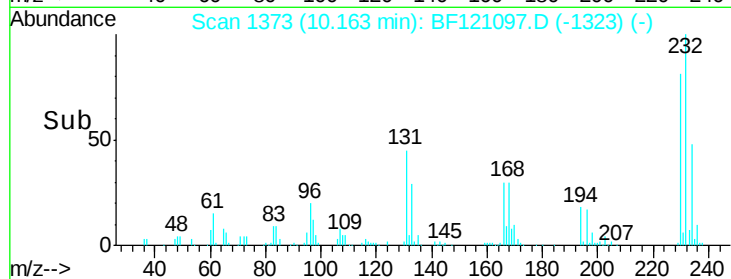
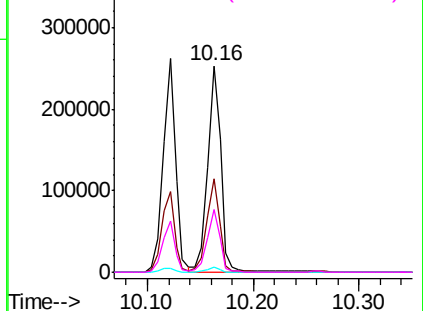
Tot Ion	Ratio	Resp	Lower	Upper
232	100	220688		
131	44.3		34.2	51.2
130	2.2		1.7	2.5
166	29.5		23.1	34.7

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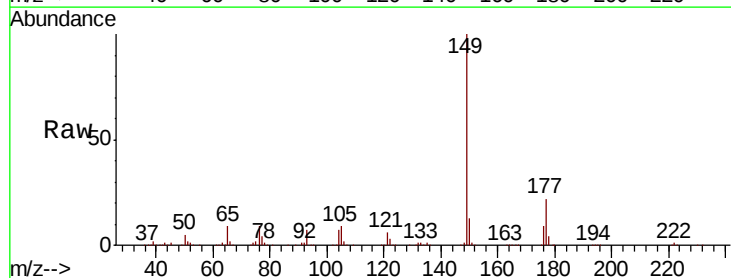


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

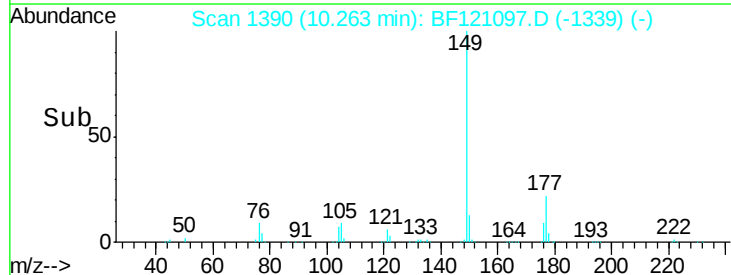
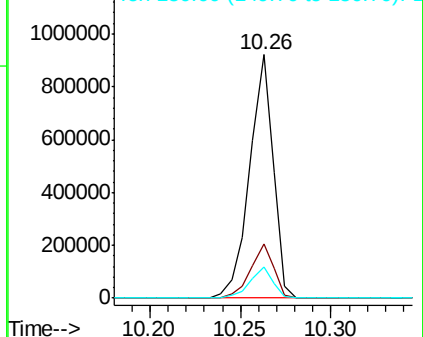


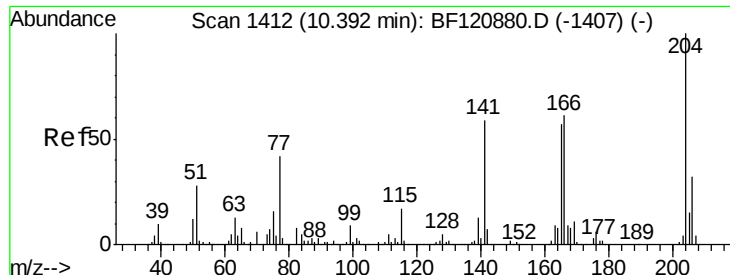
#60
 Diethylphthalate
 Concen: 36.907 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	832727		
177	22.1		17.6	26.4
150	12.8		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





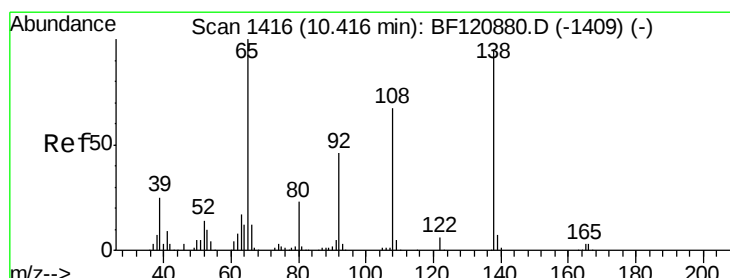
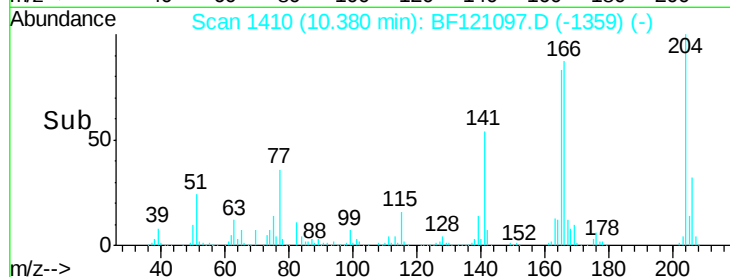
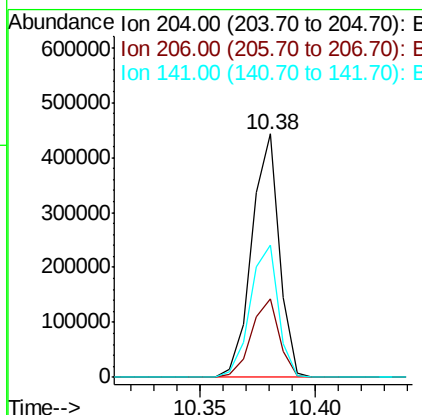
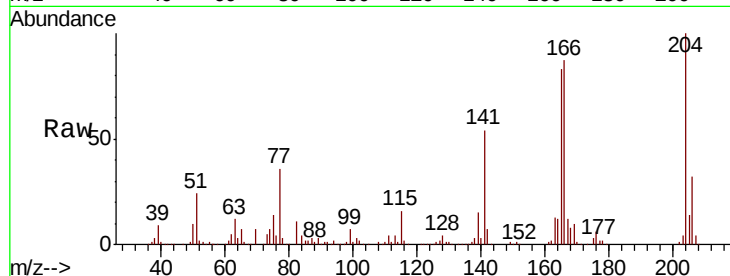
#61
4-Chlorophenyl-phenylether
Concen: 33.772 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.0	39.0
141	54.1	46.9	70.3

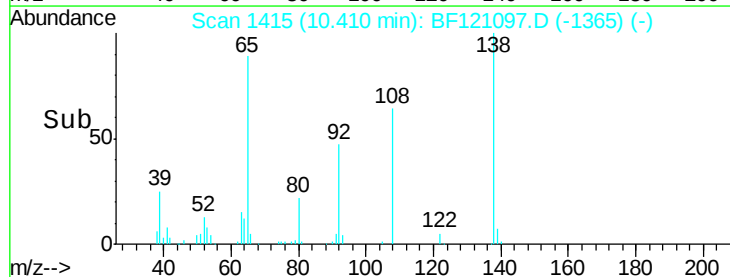
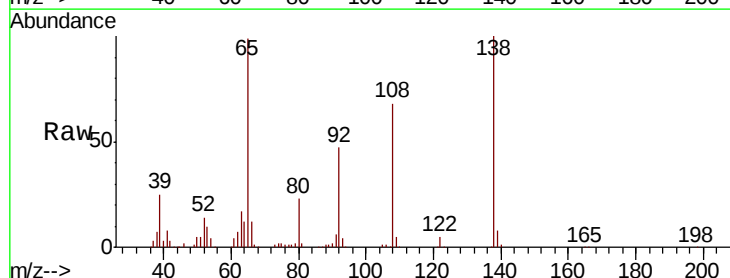
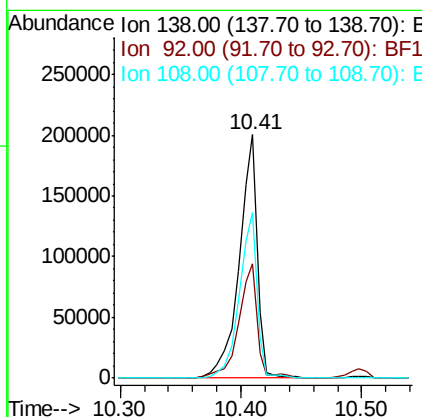
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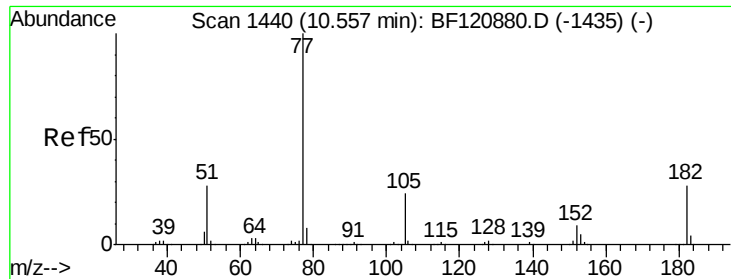
mohammad
7/30/2020 3:33:19 PM



#62
4-Nitroaniline
Concen: 35.895 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	25.2	65.2
108	67.9	46.7	86.7





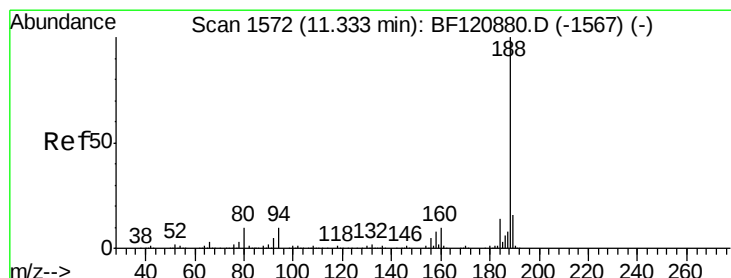
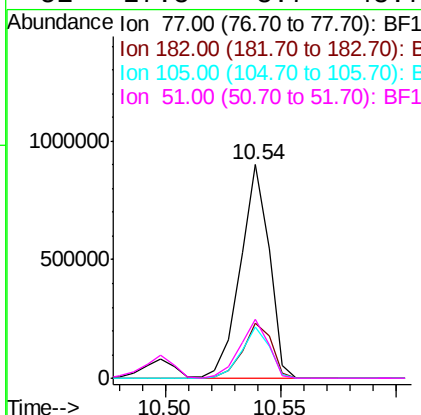
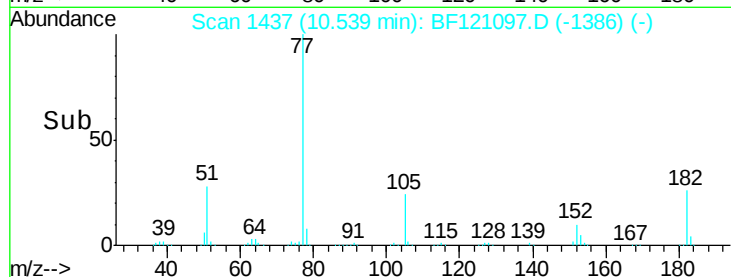
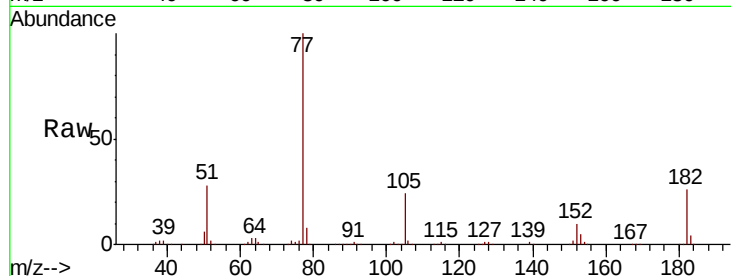
#63
Azobenzene
Concen: 36.648 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.8	4.5	44.5		
105	23.9	3.4	43.4		
51	27.8	8.7	48.7		

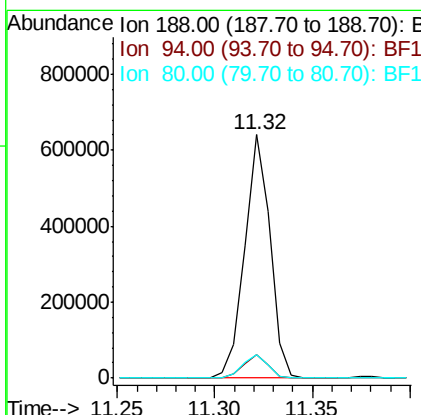
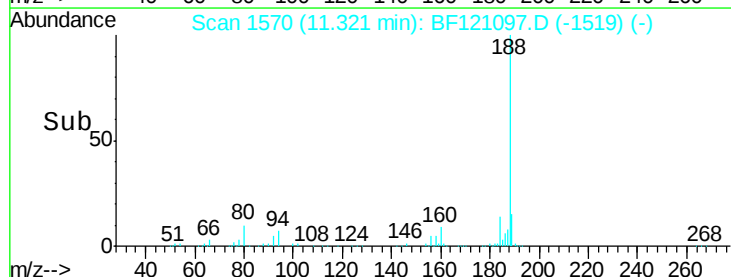
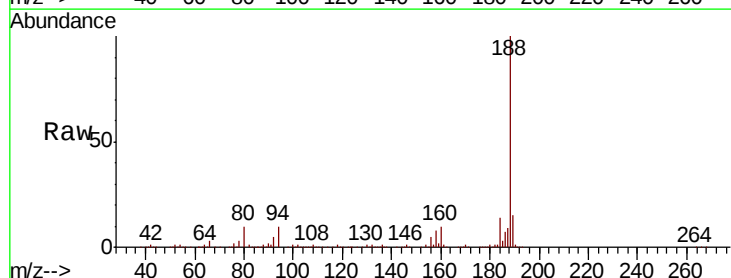
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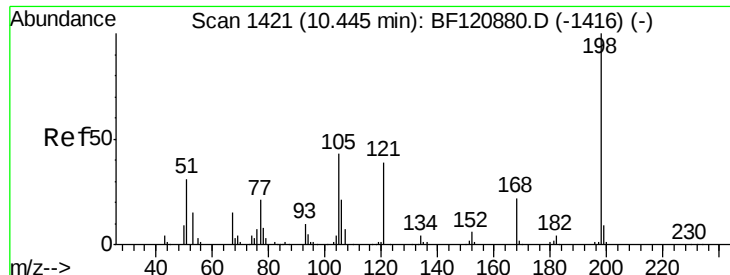
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6	8.0	12.0		
80	9.8	8.3	12.5		





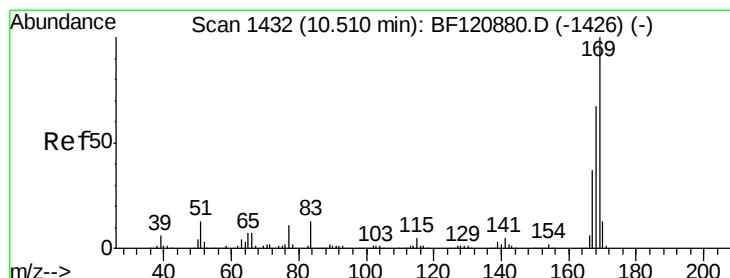
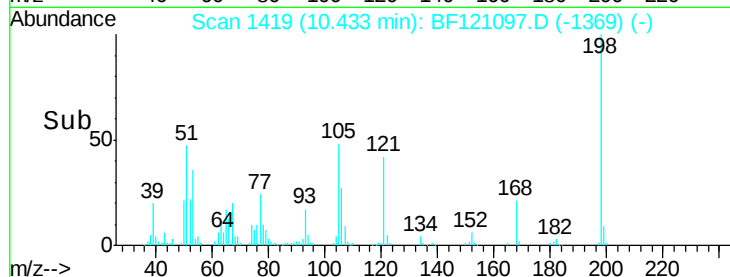
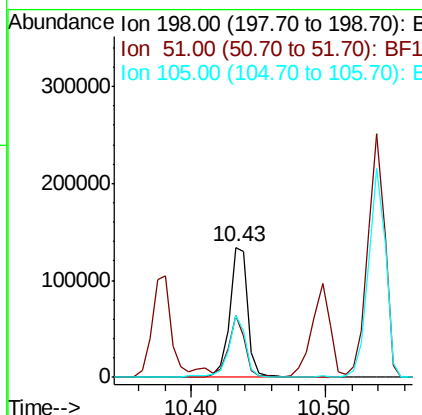
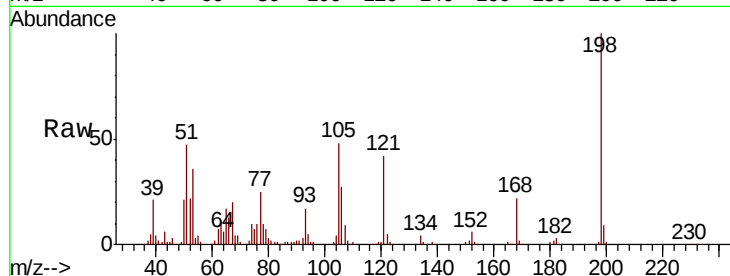
#65
4,6-Dinitro-2-methylphenol
Concen: 39.230 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	23.4	63.4
105	47.6	23.7	63.7

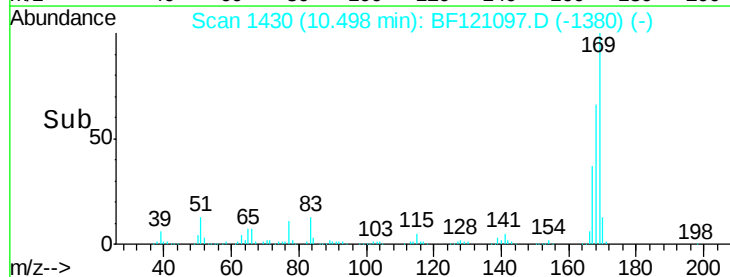
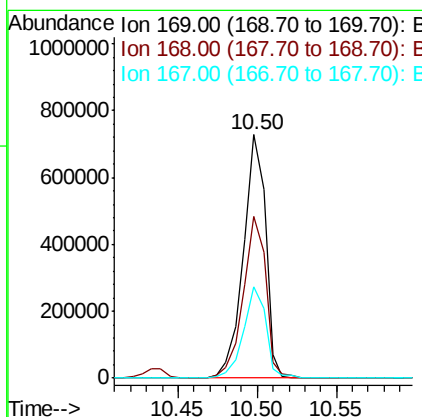
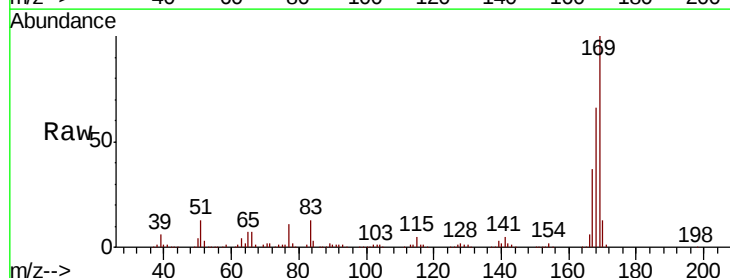
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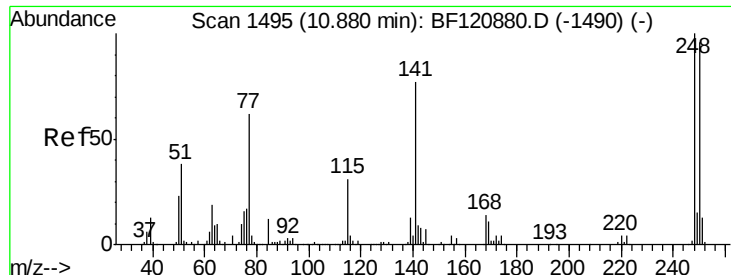
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.858 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.7	80.5
167	37.4	30.0	45.0





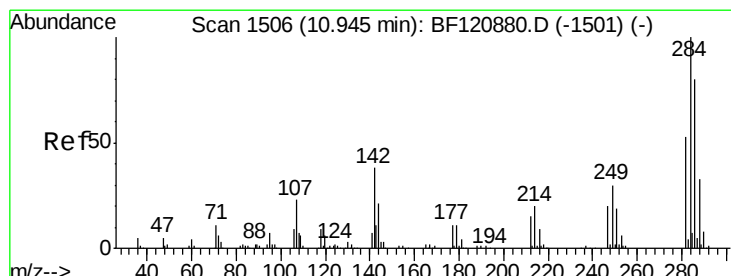
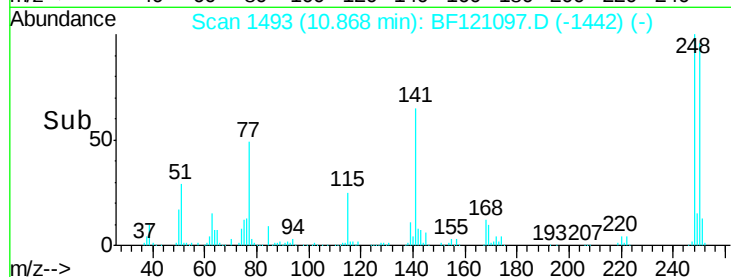
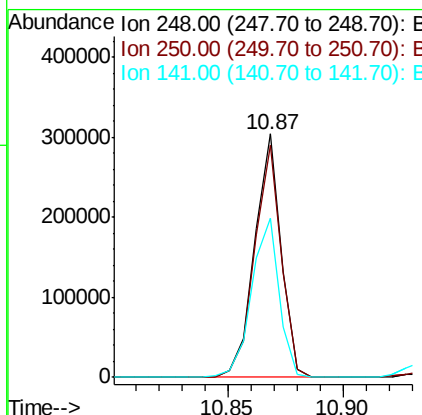
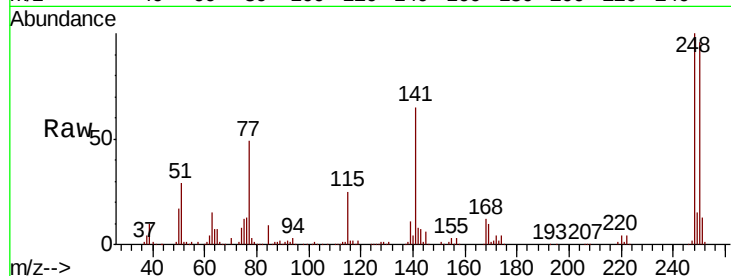
#67
 4-Bromophenyl-phenylether
 Concen: 37.827 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion:	248	Resp:	243415
Ion Ratio	Lower	Upper	
248	100		
250	95.6	77.0	115.6
141	65.2	56.6	85.0

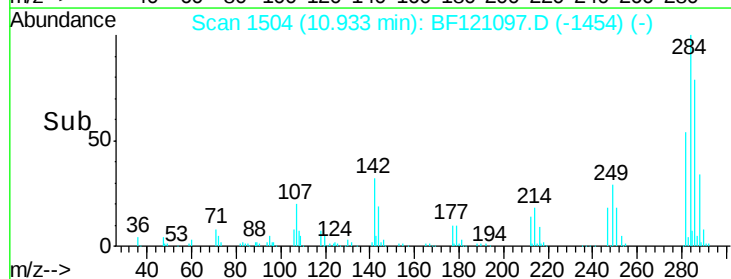
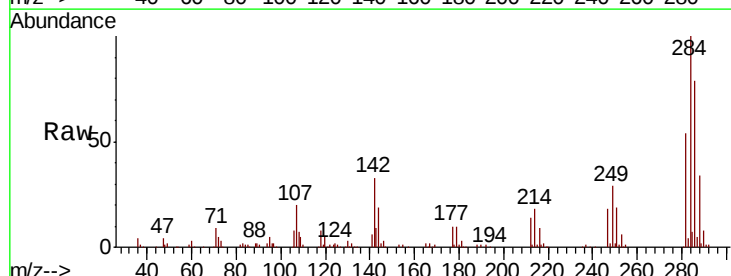
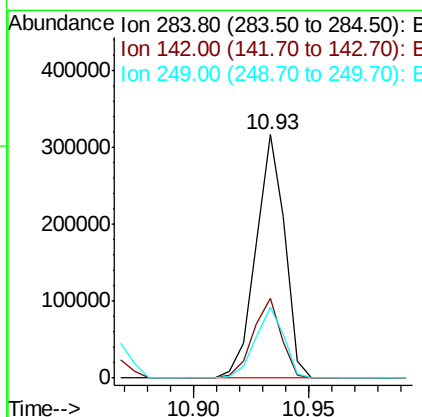
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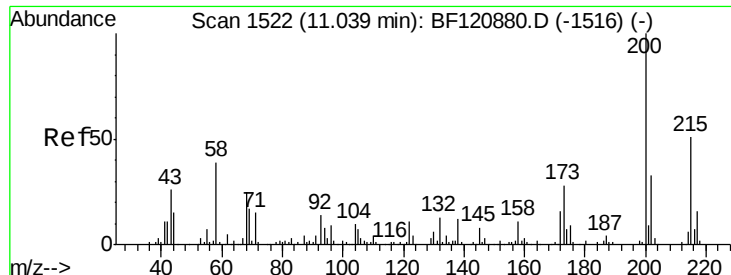
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.571 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion:	284	Resp:	275453
Ion Ratio	Lower	Upper	
284	100		
142	32.6	21.1	31.7#
249	29.3	22.5	33.7





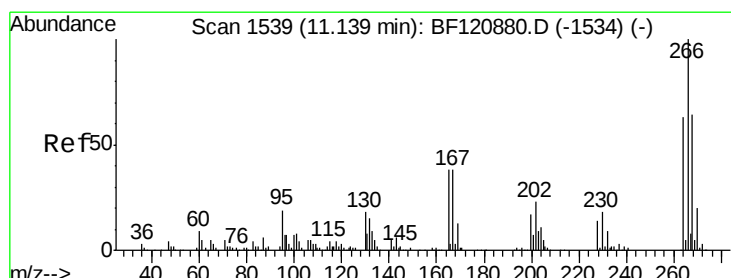
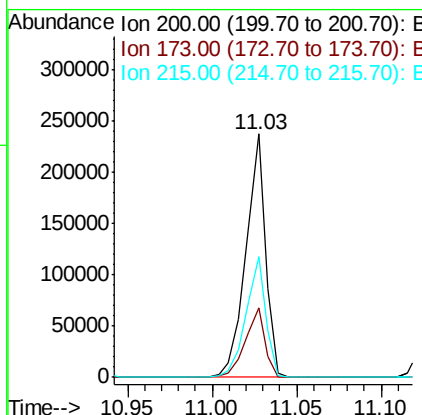
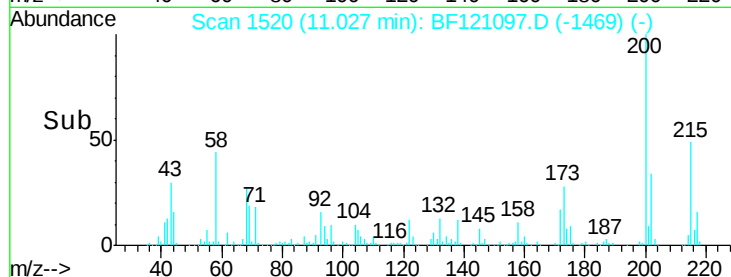
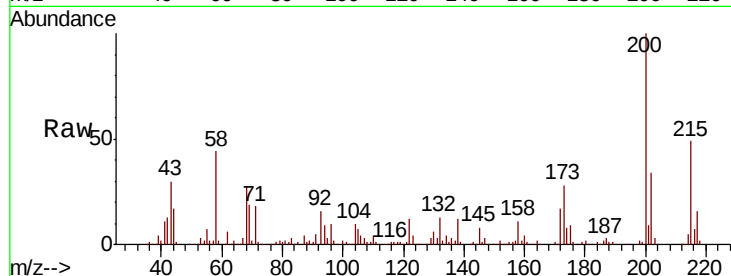
#69
Atrazine
Concen: 43.340 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.6	47.6
215	49.4	28.8	68.8

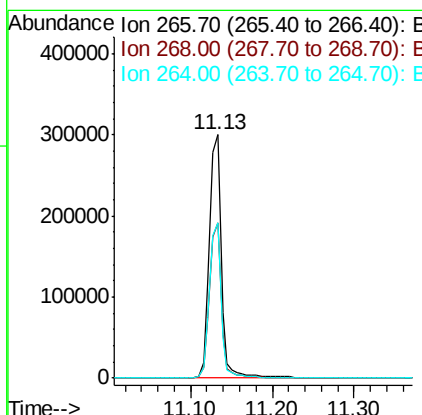
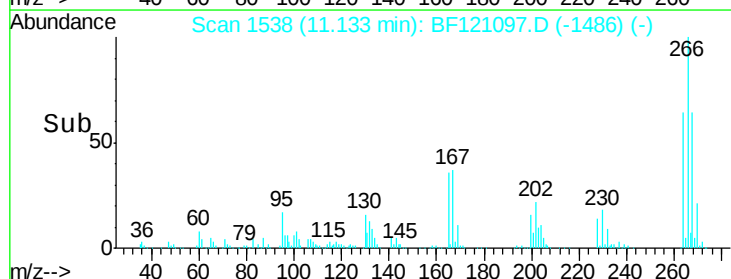
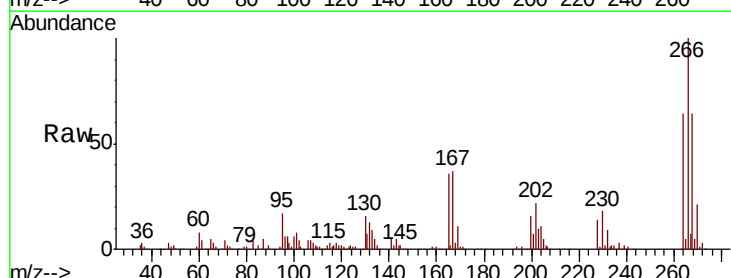
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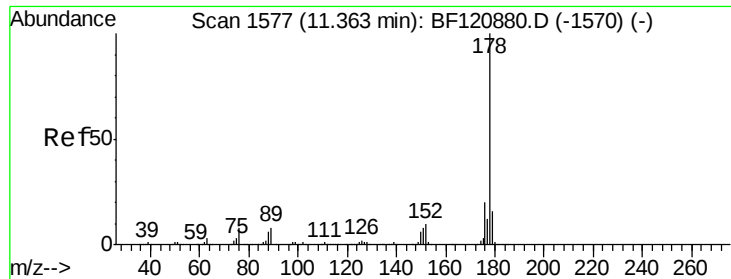
mohammad
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#70
Pentachlorophenol
Concen: 77.039 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.7	74.5
264	63.9	50.4	75.6





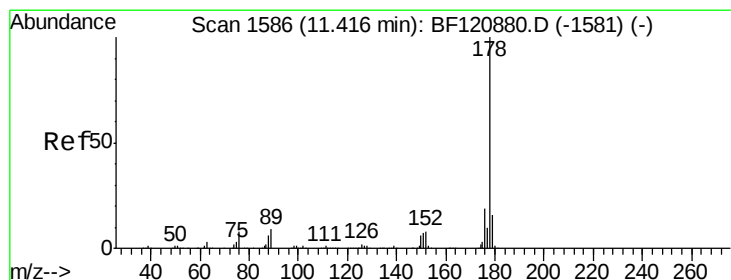
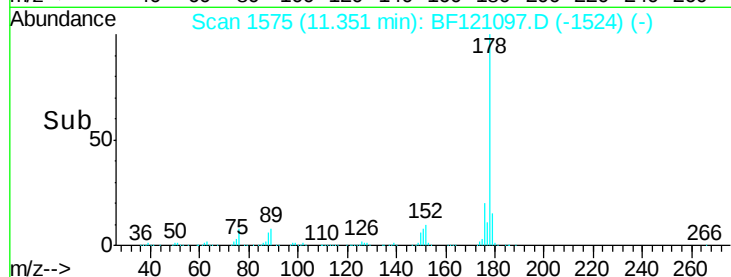
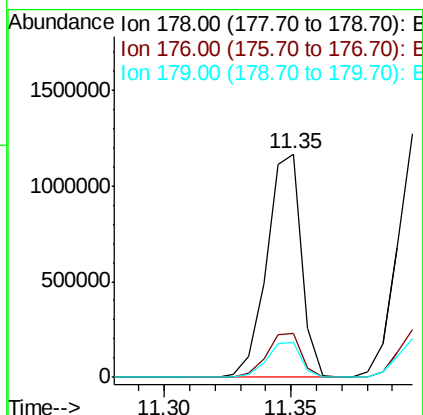
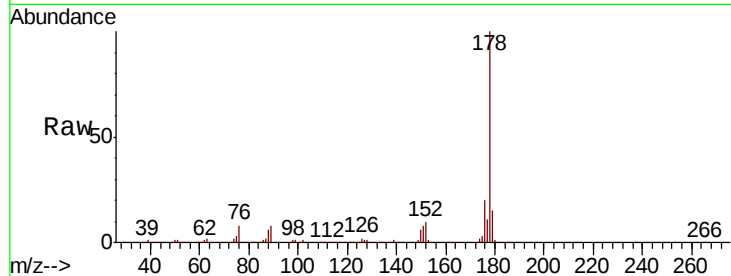
#71
Phenanthrene
Concen: 37.699 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:178 Resp: 1119051
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.5 12.6 19.0

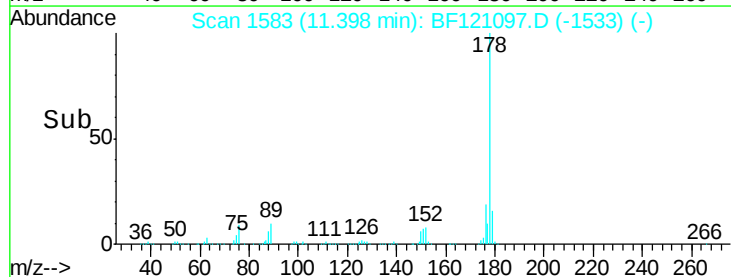
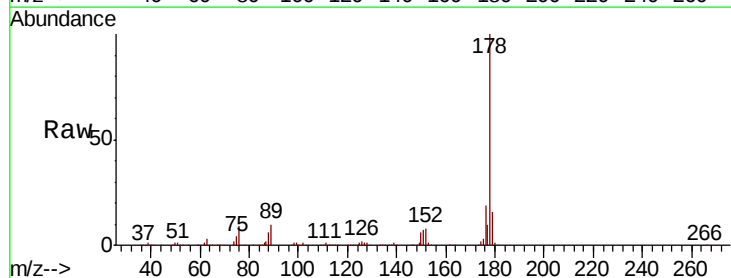
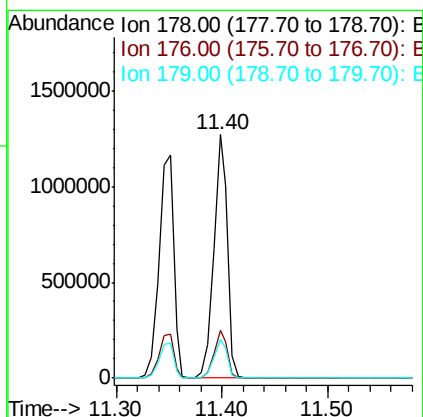
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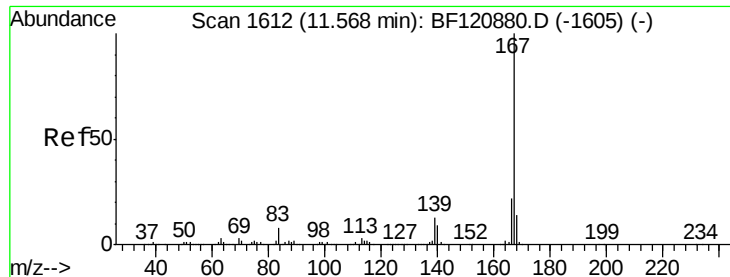
mohammad
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#72
Anthracene
Concen: 39.121 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:178 Resp: 1166060
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.7 12.6 19.0





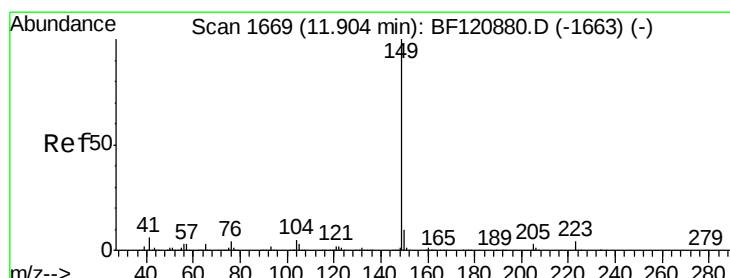
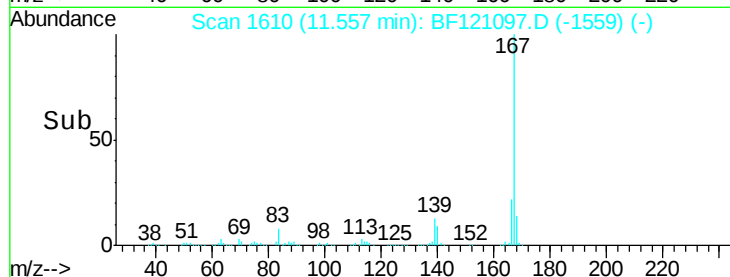
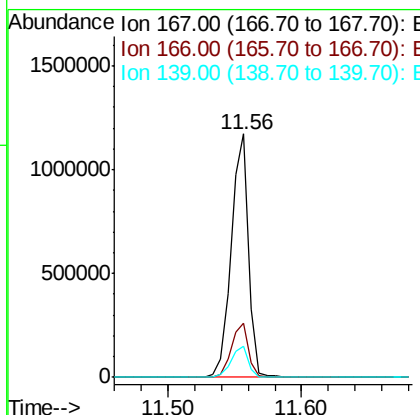
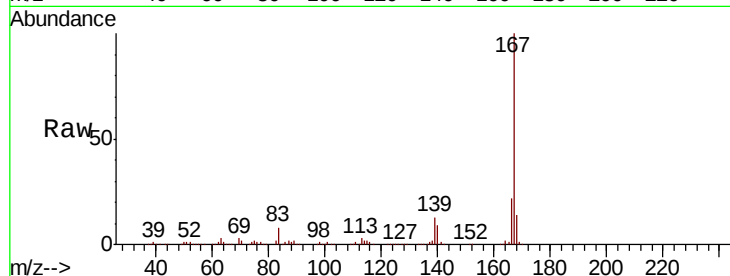
#73
 Carbazole
 Concen: 36.166 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.5	26.3	
139	12.6	10.5	15.7	

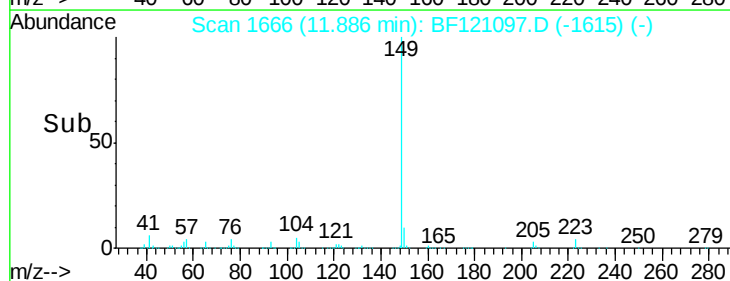
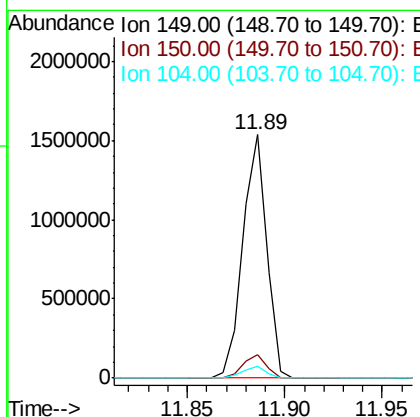
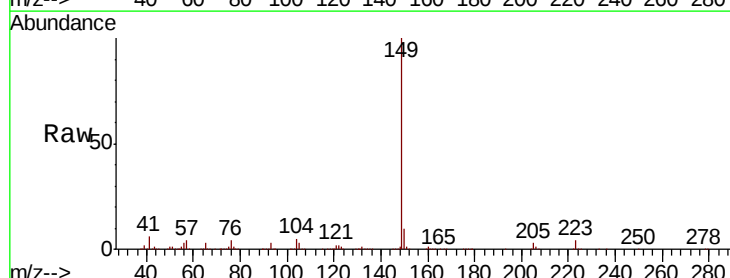
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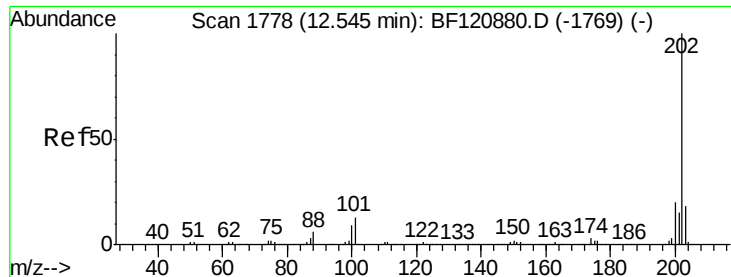
mohammad
 7/30/2020 3:33:19 PM



#74
 Di-n-butylphthalate
 Concen: 38.172 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

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





#75

Fluoranthene

Concen: 37.502 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

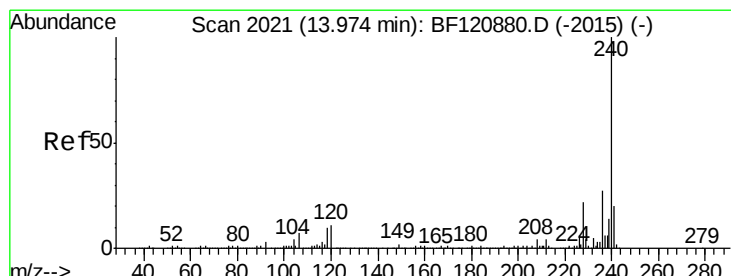
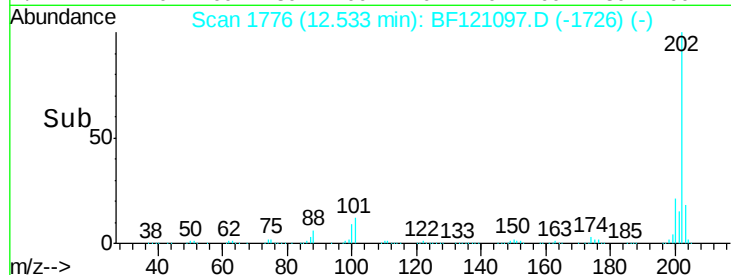
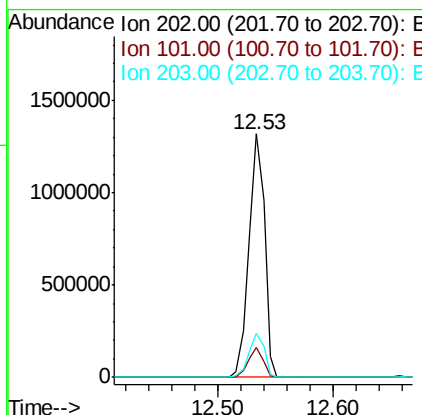
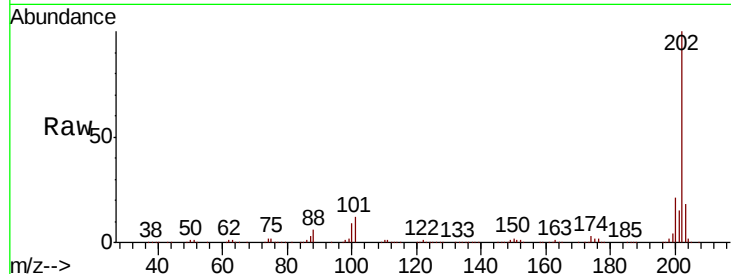
ClientSampleId :

PB130537BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1233885		
101	12.1	0.0	30.5		
203	18.2	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

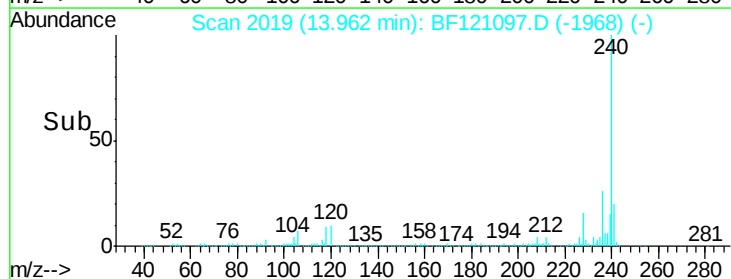
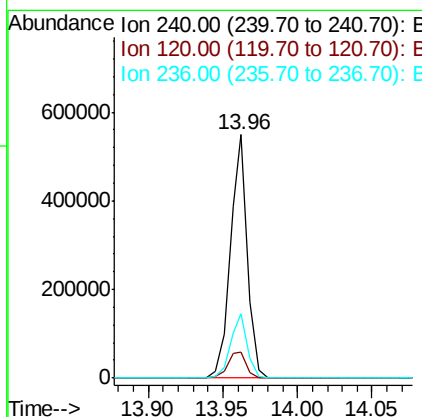
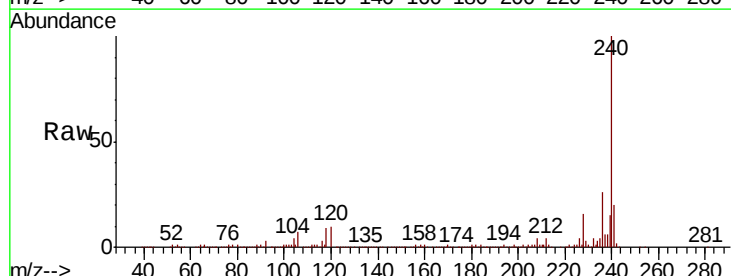
RT: 13.96 min Scan# 2019

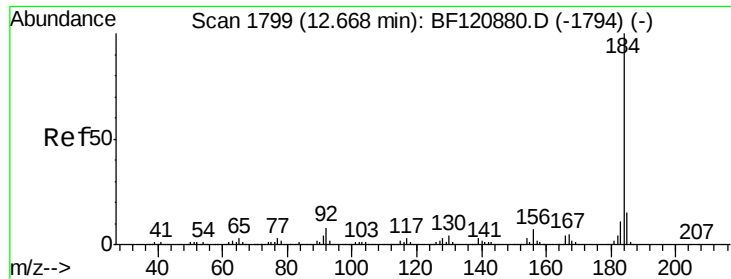
Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		440417		
120	10.4	9.3	13.9		
236	26.3	21.1	31.7		





#77

Benzidine

Concen: 75.288 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

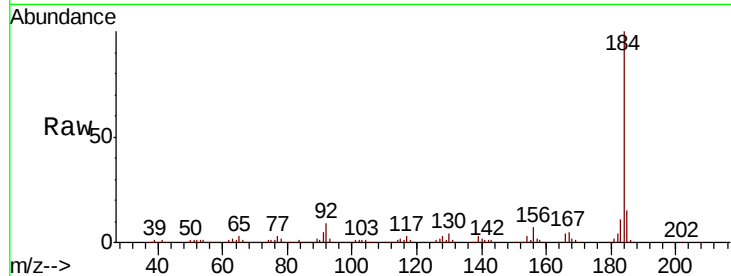
ClientSampleId :

PB130537BS

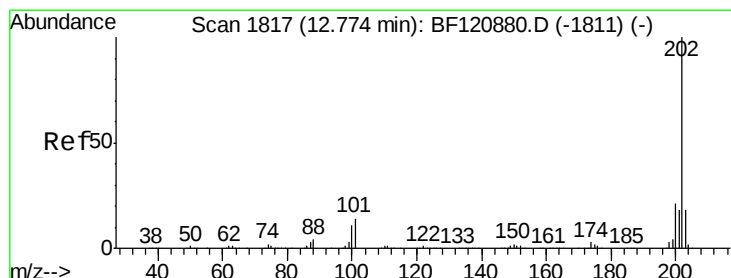
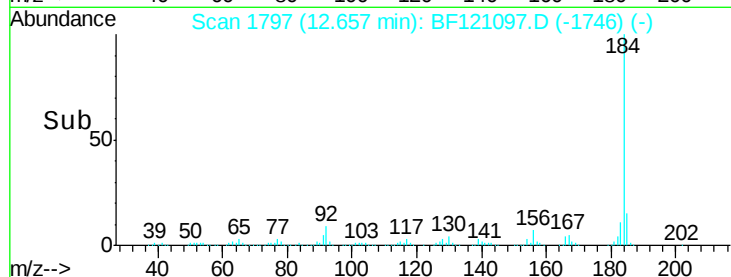
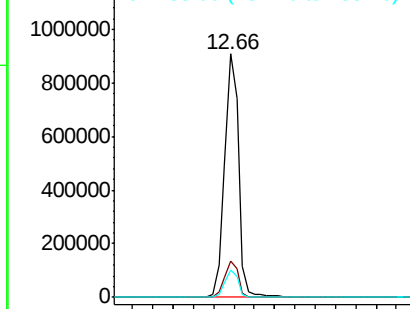
Tot Ion:	184	Resp:	871785
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.1	18.1
183	11.0	9.0	13.4

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



#78

Pyrene

Concen: 40.351 ng

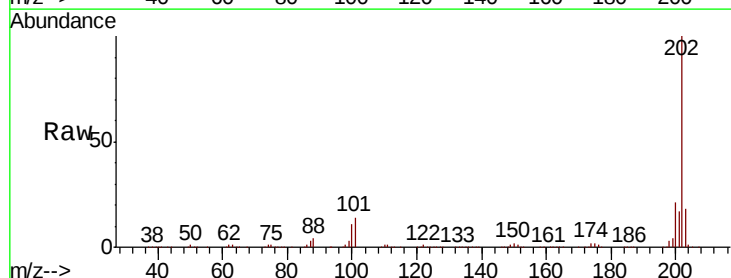
RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

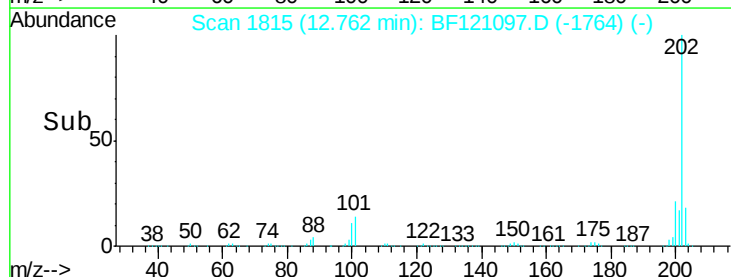
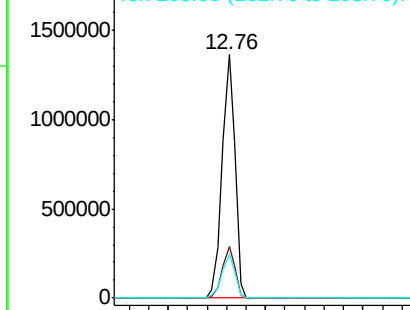
Lab File: BF121097.D

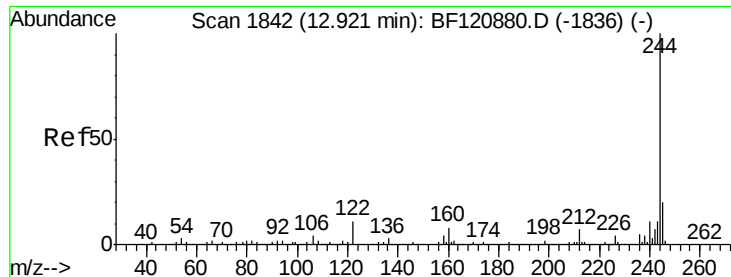
Acq: 29 Jul 2020 12:36

Tgt Ion:	202	Resp:	1256422
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	17.9	14.6	21.8



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





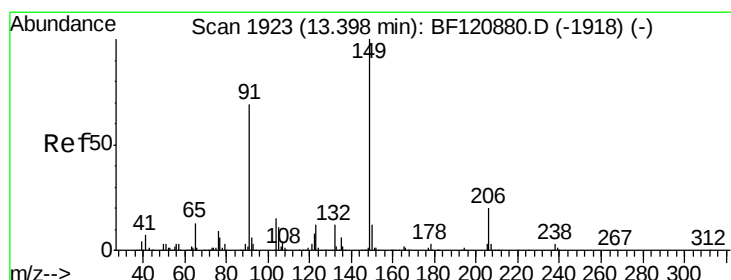
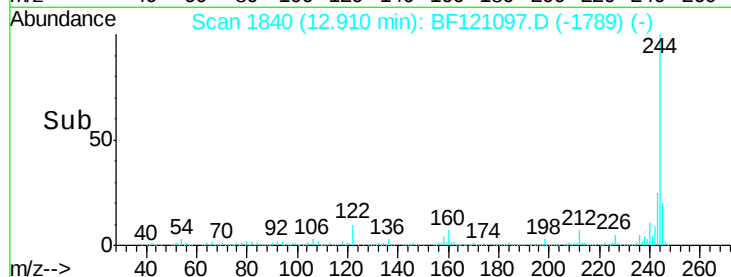
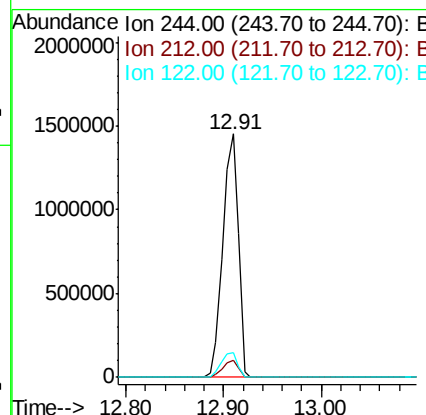
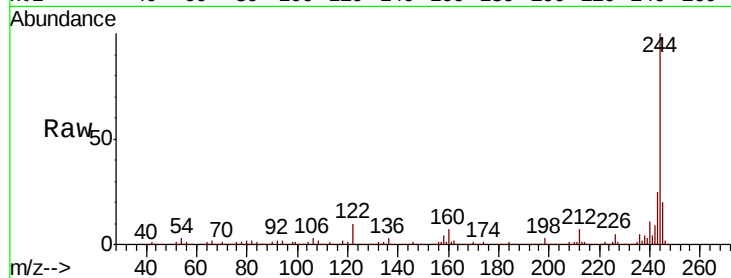
#79
 Terphenyl-d14
 Concen: 79.089 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.4	8.3	12.5

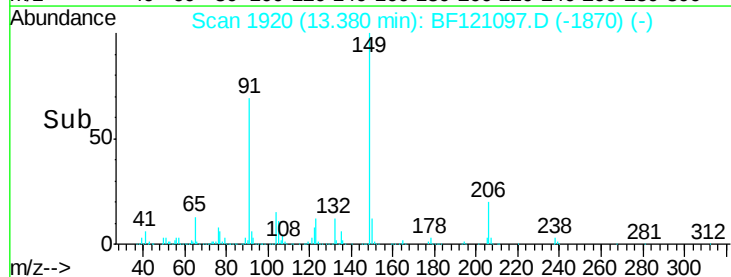
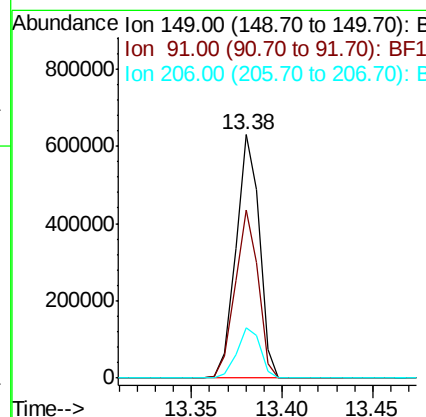
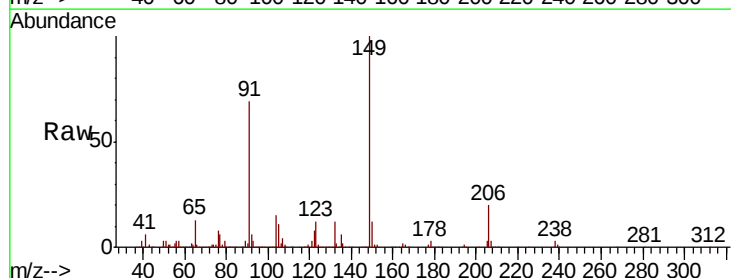
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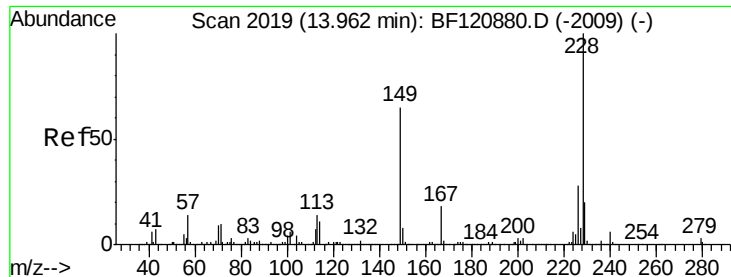
mohammad
 7/30/2020 3:33:19 PM



#80
 Butylbenzylphthalate
 Concen: 40.733 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	51.4	77.0
206	20.4	17.9	26.9





#81

Benzo(a)anthracene

Concen: 38.536 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

Instrument :

BNA_F

ClientSampleId :

PB130537BS

Tot Ion:228 Resp: 1027732

Ion Ratio Lower Upper

228 100

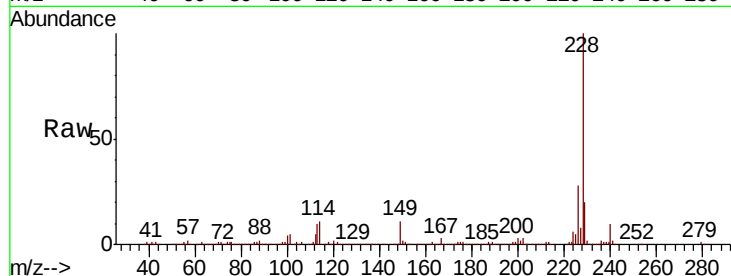
226 27.7 22.6 34.0

229 20.0 16.1 24.1

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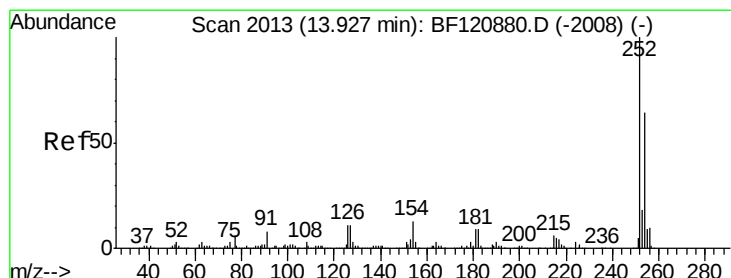
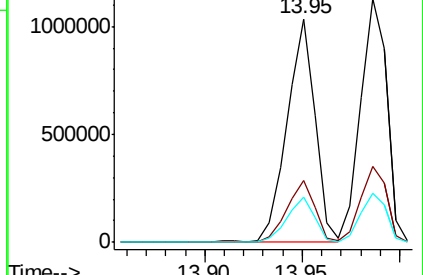
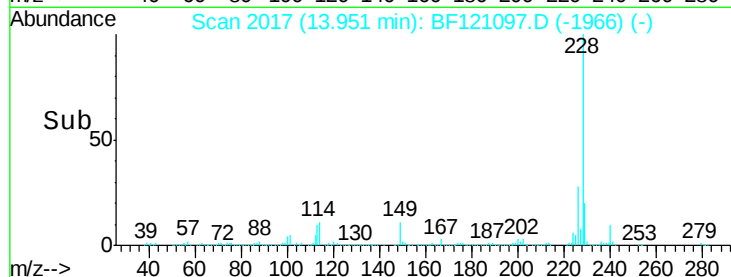
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.604 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121097.D

Acq: 29 Jul 2020 12:36

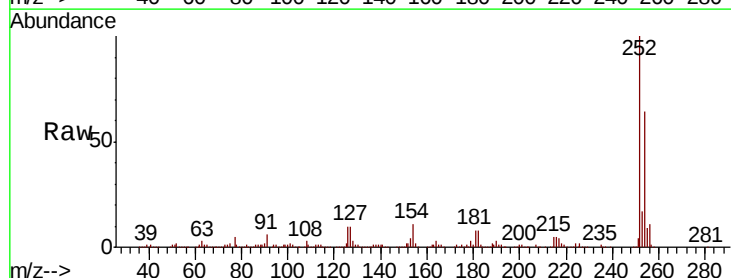
Tgt Ion:252 Resp: 378354

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

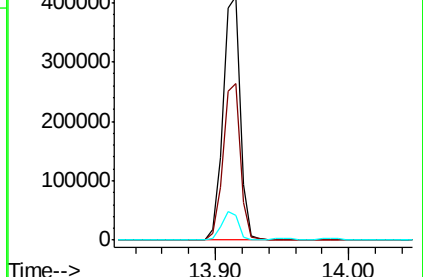
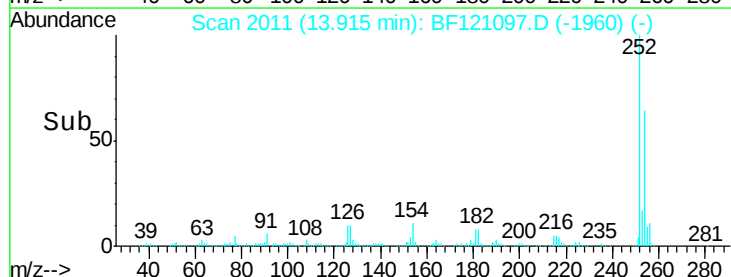
126 9.9 9.2 13.8

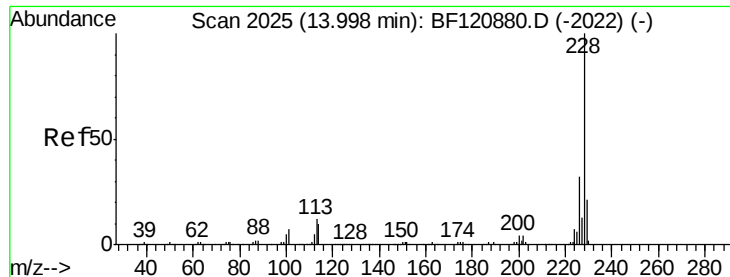


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





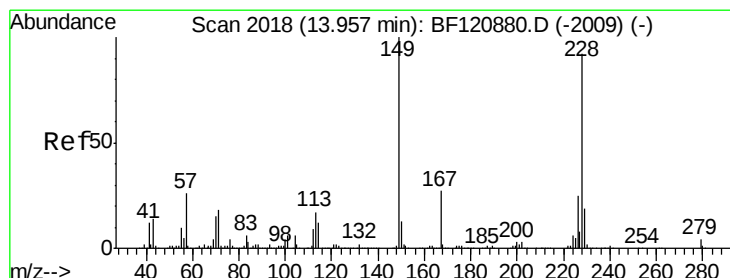
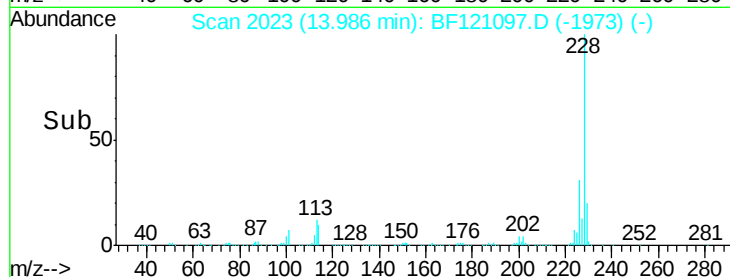
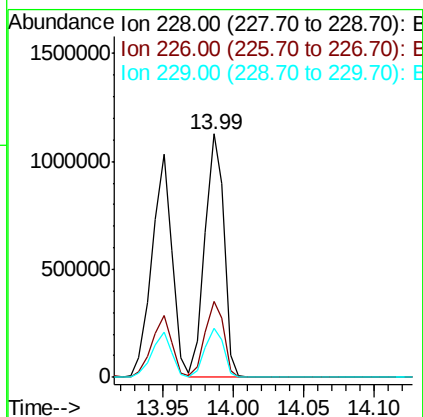
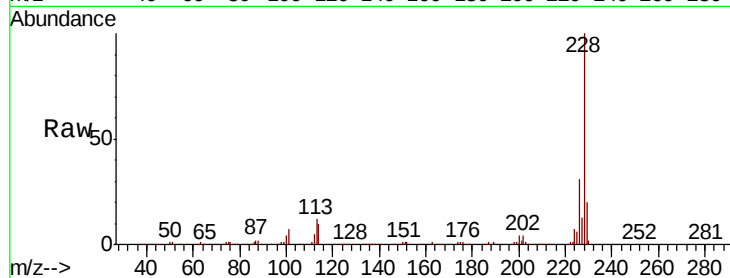
#83
Chrvsene
Concen: 37.605 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:228 Resp: 1053935
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.0
229 20.3 16.2 24.4

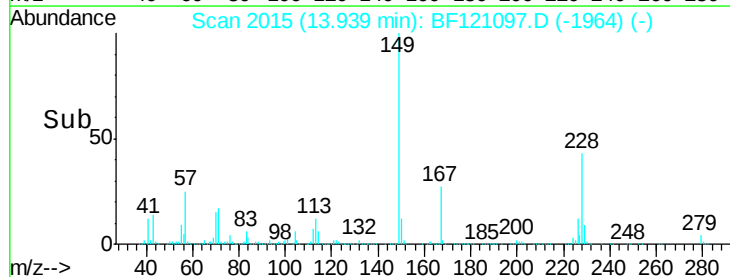
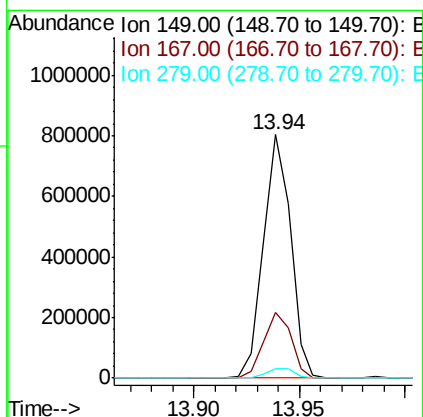
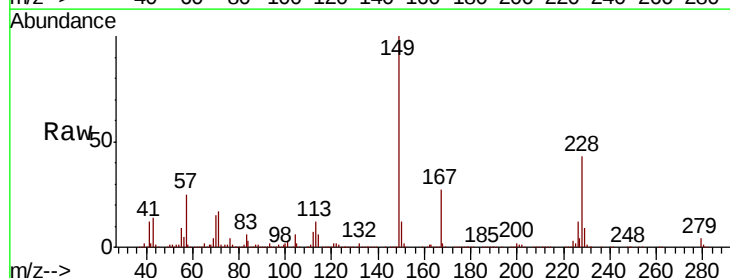
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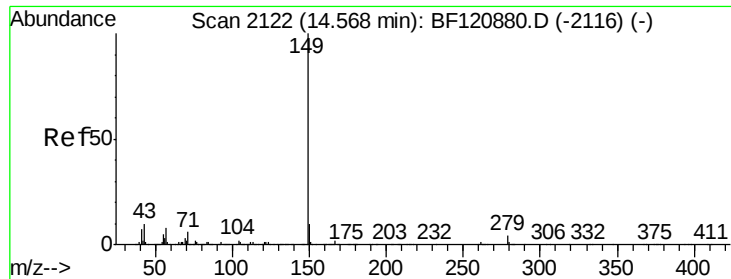
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.414 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:149 Resp: 725986
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 3.9 2.9 4.3





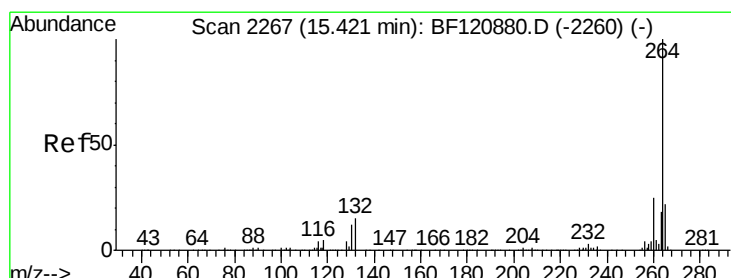
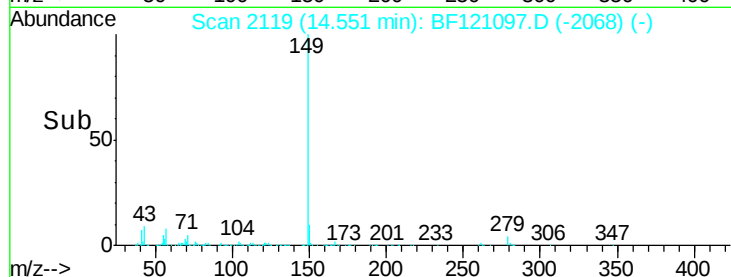
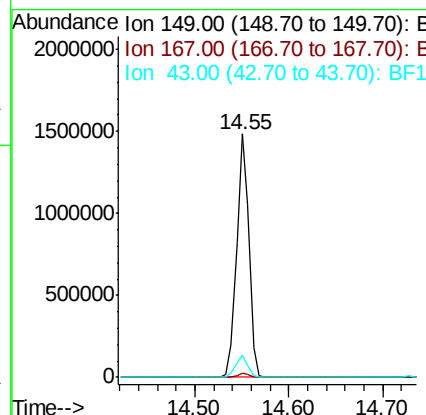
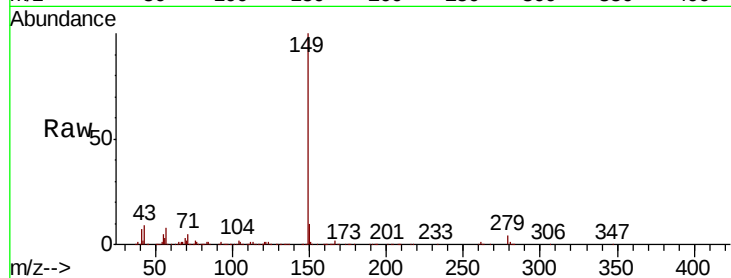
#85
Di-n-octyl phthalate
Concen: 39.285 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.5	11.3

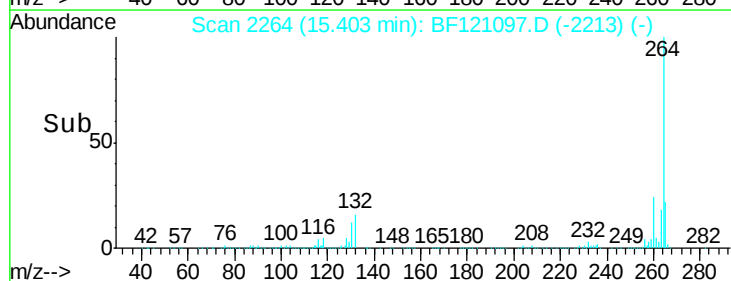
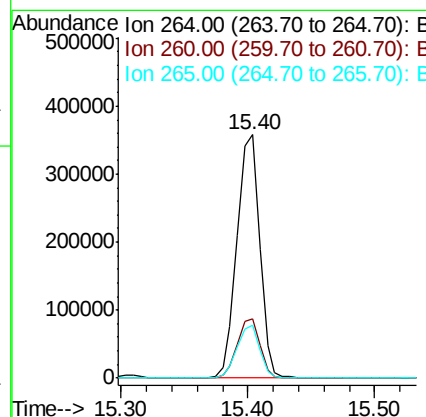
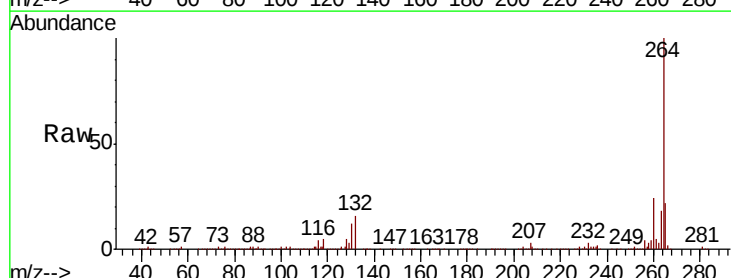
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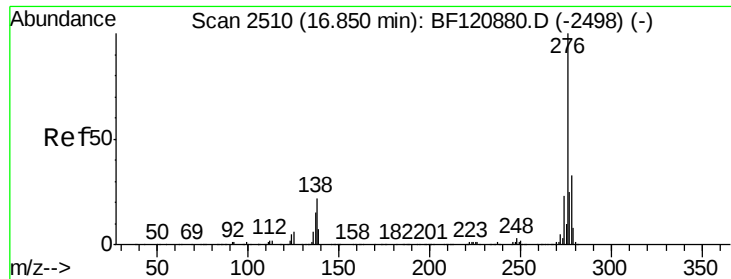
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.6	17.8	26.8





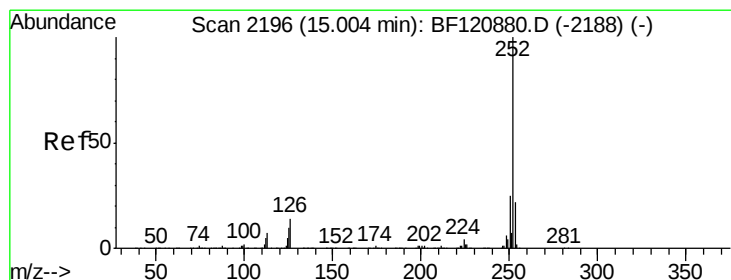
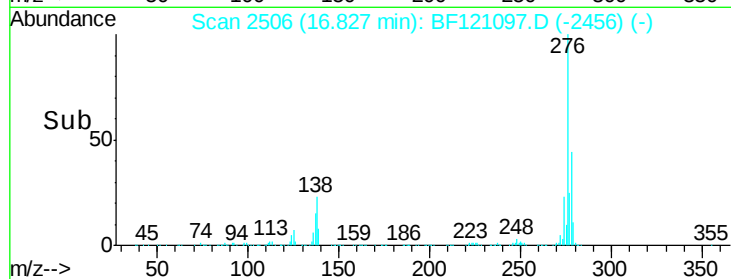
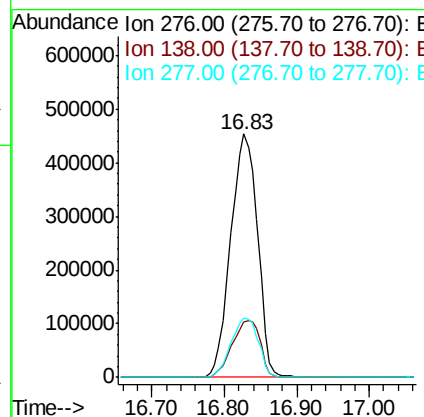
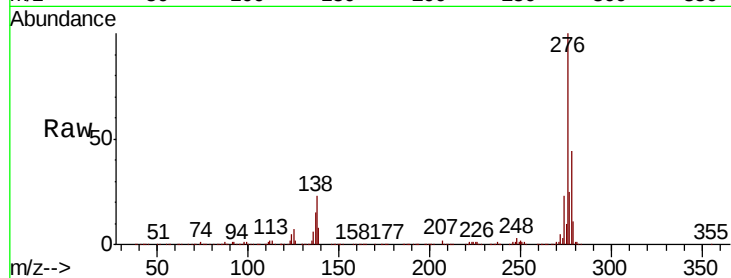
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.782 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB130537BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.3	28.9
277	25.1	20.1	30.1

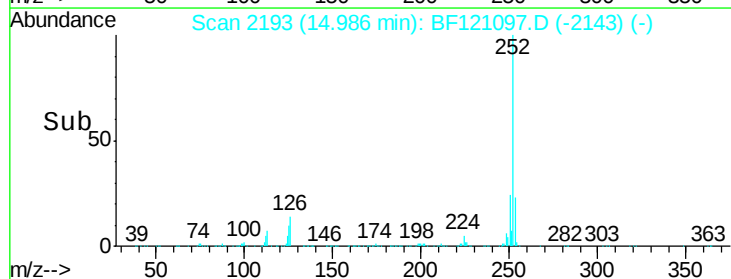
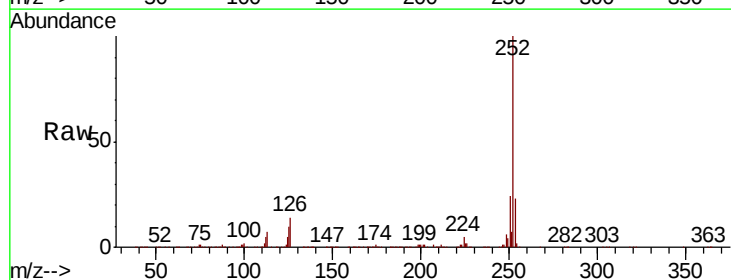
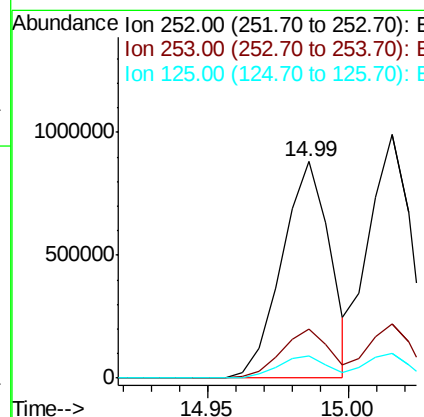
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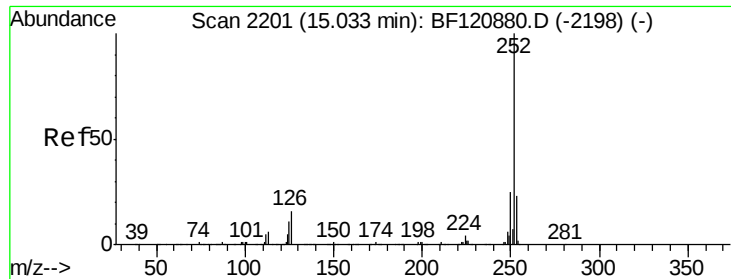
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.945 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121097.D
 Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.4	8.1	12.1





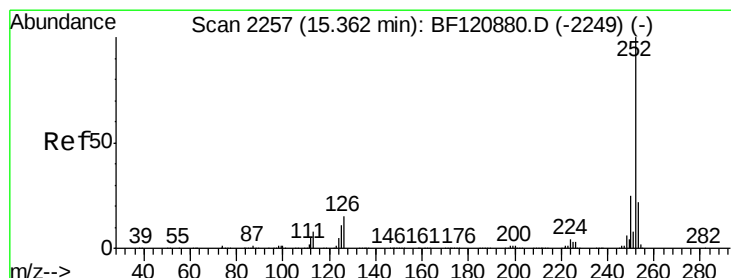
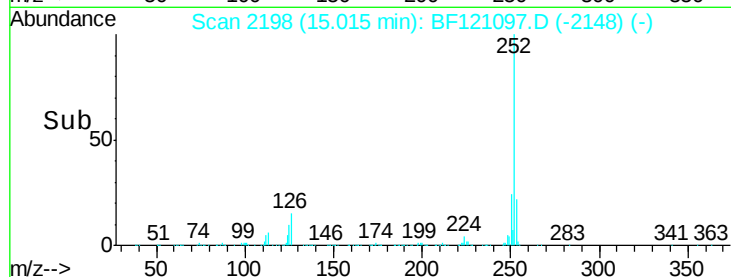
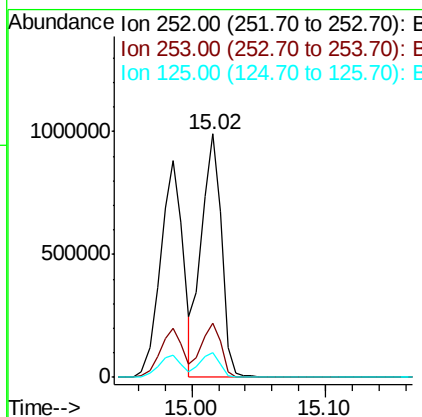
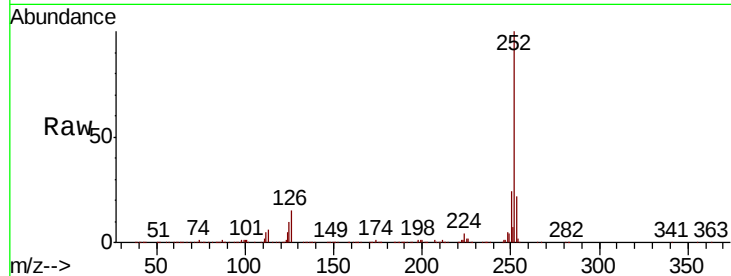
#89
Benzo(k)fluoranthene
Concen: 41.749 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion:252 Resp: 1022477
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.4 8.0 12.0

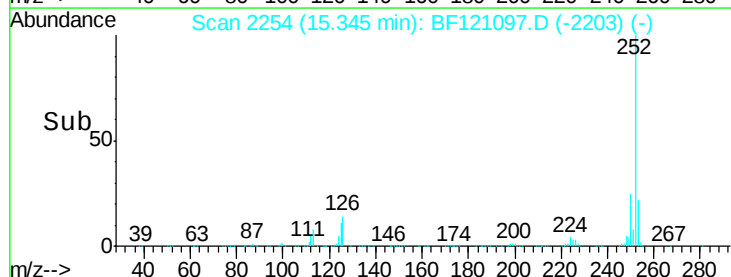
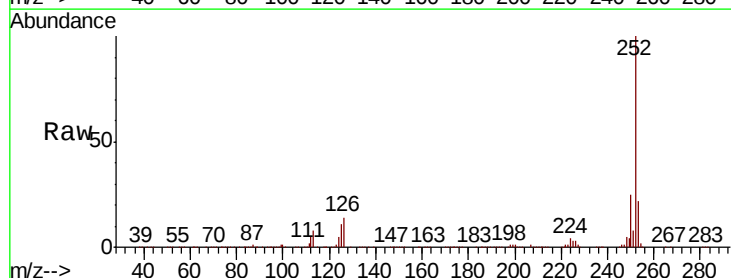
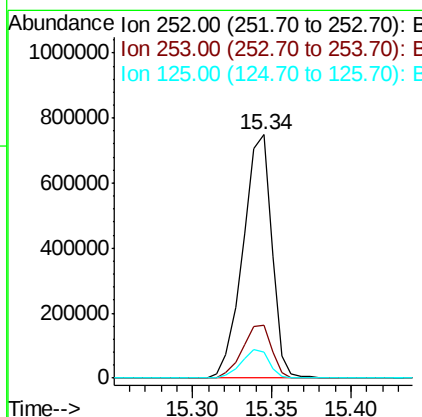
Manual Integrations
APPROVED

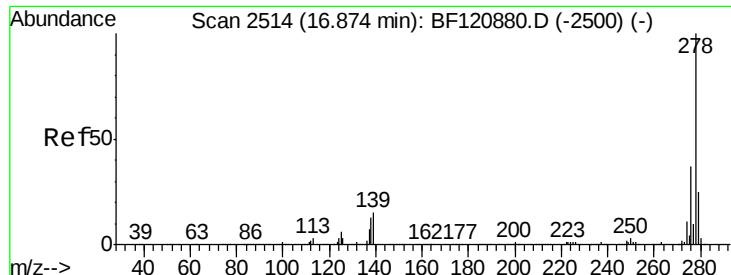
mohammad
7/30/2020 3:33:19 PM



#90
Benzo(a)pyrene
Concen: 38.614 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion:252 Resp: 946088
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 10.6 9.5 14.3





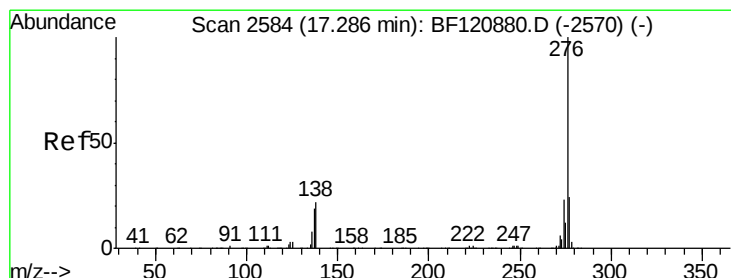
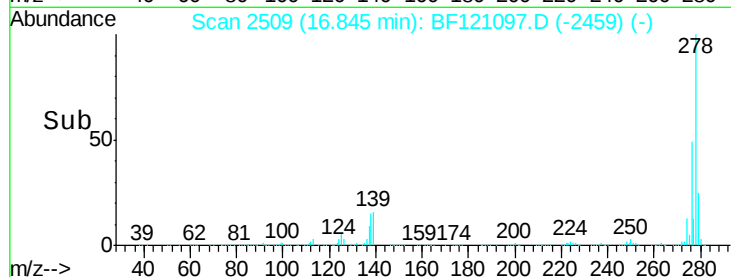
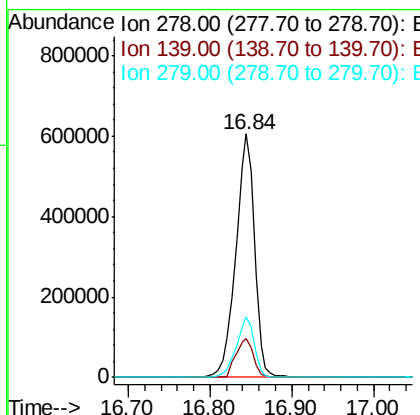
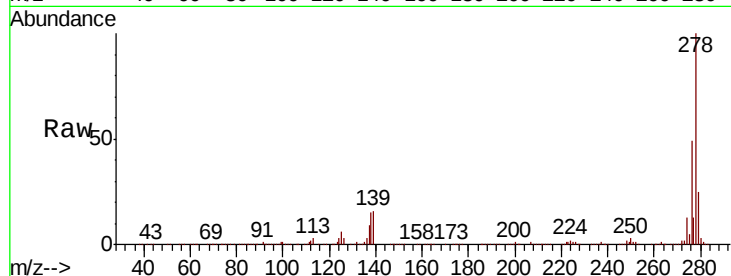
#91
Dibenzo(a,h)anthracene
Concen: 38.435 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Instrument :
BNA_F
ClientSampleId :
PB130537BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	24.6	19.5	29.3

Manual Integrations
APPROVED

mohammad
7/30/2020 3:33:19 PM



#92
Benzo(g,h,i)perylene
Concen: 39.885 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF121097.D
Acq: 29 Jul 2020 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	22.2	17.2	25.8

