

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120353.D
 Acq On : 18 May 2020 20:28
 Operator : MA/SJ
 Sample : L2506-08MS 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Manual Integrations
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mohammad
 5/19/2020 3:05:33 PM

Quant Time: May 19 05:34:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	280270	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1053236	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	487444	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	738213	20.00	ng	0.00
76) Chrysene-d12	13.76	240	513812	20.00	ng	0.00
87) Perylene-d12	15.14	264	591465	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1199525	83.27	ng	0.00
7) Phenol-d6	6.26	99	1363869	74.87	ng	0.00
23) Nitrobenzene-d5	7.17	82	777460	50.54	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	250644	63.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1424735	60.05	ng	0.00
79) Terphenyl-d14	12.72	244	1196543	51.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	134213	23.423	ng	97
3) Pyridine	2.89	79	284135	15.775	ng	97
4) n-Nitrosodimethylamine	2.82	42	162133	22.988	ng	# 91
6) Aniline	6.27	93	295754m	12.695	ng	
8) 2-Chlorophenol	6.39	128	350701	20.881	ng	97
9) Benzaldehyde	6.15	77	224633	20.004	ng	99
10) Phenol	6.27	94	452890	21.298	ng	83
11) bis(2-Chloroethyl)ether	6.34	93	341529	20.107	ng	98
12) 1,3-Dichlorobenzene	6.54	146	356386	19.830	ng	99
13) 1,4-Dichlorobenzene	6.62	146	376630	20.347	ng	99
14) 1,2-Dichlorobenzene	6.77	146	344388	20.661	ng	99
15) Benzyl Alcohol	6.76	79	269257	20.806	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	554571	20.717	ng	81
17) 2-Methylphenol	6.88	107	263117	18.558	ng	93
18) Hexachloroethane	7.11	117	123172	17.468	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	232849	19.512	ng	90
20) 3+4-Methylphenols	7.04	107	342384	18.574	ng	96
22) Acetophenone	7.02	105	466243	21.609	ng	# 97
24) Nitrobenzene	7.19	77	344587	20.814	ng	94
25) Isophorone	7.43	82	632105	19.749	ng	97
26) 2-Nitrophenol	7.51	139	176379	20.370	ng	96
27) 2,4-Dimethylphenol	7.56	122	286107	22.715	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	415619	20.659	ng	98
29) 2,4-Dichlorophenol	7.76	162	264377	20.437	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	295725	20.629	ng	98
31) Naphthalene	7.91	128	965056	21.710	ng	98
32) Benzoic acid	7.67	122	67421	8.166	ng	95
33) 4-Chloroaniline	7.97	127	202333	9.988	ng	99
34) Hexachlorobutadiene	8.03	225	168148	20.294	ng	96
35) Caprolactam	8.33	113	81052	19.152	ng	# 89
36) 4-Chloro-3-methylphenol	8.47	107	268345	19.176	ng	97
37) 2-Methylnaphthalene	8.60	142	625533	20.564	ng	100
38) 1-Methylnaphthalene	8.70	142	604523	20.490	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	283431	23.060	ng	98

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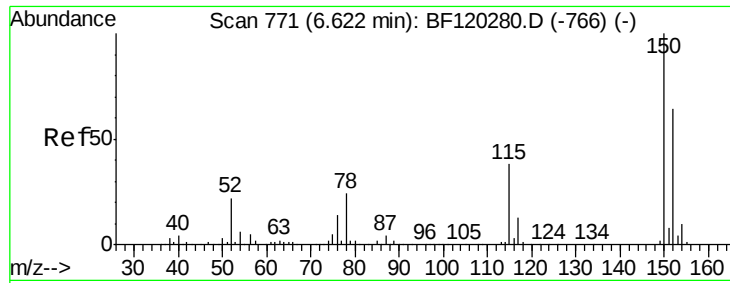
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	24555	11.069	ng	96
43) 2,4,6-Trichlorophenol	8.89	196	177728	21.542	ng	100
44) 2,4,5-Trichlorophenol	8.94	196	184173	19.438	ng	98
46) 1,1'-Biphenyl	9.07	154	739631	23.158	ng	98
47) 2-Chloronaphthalene	9.09	162	554642	21.650	ng	96
48) 2-Nitroaniline	9.19	65	189728	20.297	ng	94
49) Acenaphthylene	9.50	152	938310	23.977	ng	98
50) Dimethylphthalate	9.37	163	847870	27.516	ng	98
51) 2,6-Dinitrotoluene	9.43	165	132645	19.287	ng	98
52) Acenaphthene	9.67	154	507231	21.624	ng	98
53) 3-Nitroaniline	9.60	138	94736	11.551	ng	92
54) 2,4-Dinitrophenol	9.72	184	34406	10.599	ng	# 88
55) Dibenzofuran	9.85	168	744870	22.051	ng	100
56) 4-Nitrophenol	9.80	139	150157	34.075	ng	94
57) 2,4-Dinitrotoluene	9.84	165	158910	19.698	ng	100
58) Fluorene	10.19	166	588930	22.893	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	141319	19.819	ng	99
60) Diethylphthalate	10.07	149	643923	21.646	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	280372	20.962	ng	93
62) 4-Nitroaniline	10.22	138	108261	14.176	ng	97
63) Azobenzene	10.35	77	553528	19.688	ng	98
65) 4,6-Dinitro-2-methylphenol	10.25	198	38893	10.418	ng	91
66) n-Nitrosodiphenylamine	10.30	169	506452	24.798	ng	98
67) 4-Bromophenyl-phenylether	10.67	248	153951	21.491	ng	95
68) Hexachlorobenzene	10.73	284	156325	20.860	ng	98
69) Atrazine	10.83	200	130075	21.285	ng	98
70) Pentachlorophenol	10.94	266	127603	40.034	ng	99
71) Phenanthrene	11.15	178	844138	27.213	ng	99
72) Anthracene	11.20	178	794880	23.936	ng	98
73) Carbazole	11.36	167	728522	23.480	ng	97
74) Di-n-butylphthalate	11.70	149	958248	25.625	ng	97
75) Fluoranthene	12.34	202	926702	27.872	ng	97
77) Benzidine	12.48	184	188886	12.589	ng	97
78) Pyrene	12.57	202	1104252	30.146	ng	98
80) Butylbenzylphthalate	13.19	149	329237	19.088	ng	96
81) Benzo(a)anthracene	13.75	228	777731	28.698	ng	98
82) 3,3'-Dichlorobenzidine	13.72	252	140307	13.739	ng	98
83) Chrysene	13.79	228	755428	25.959	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	441389	20.568	ng	99
85) Di-n-octyl phthalate	14.36	149	792275	20.522	ng	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	662498	25.084	ng	98
88) Benzo(b)fluoranthene	14.76	252	868011	26.872	ng	99
89) Benzo(k)fluoranthene	14.79	252	673284	24.059	ng	100
90) Benzo(a)pyrene	15.09	252	737777	25.468	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	514871	20.063	ng	98
92) Benzo(g,h,i)perylene	16.86	276	566258	21.881	ng	99

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



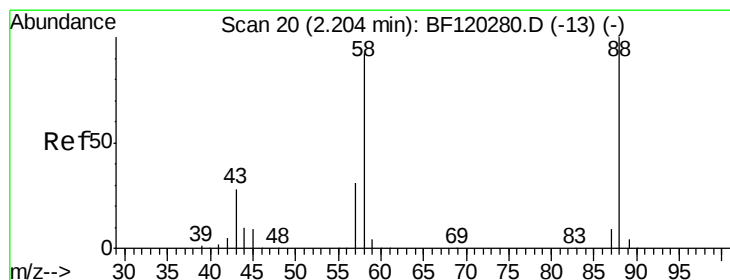
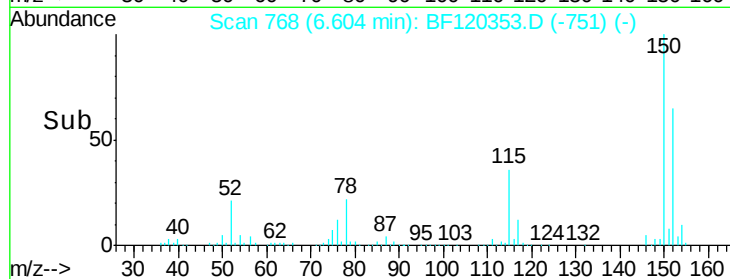
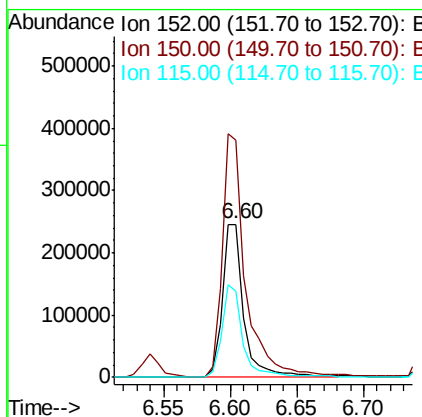
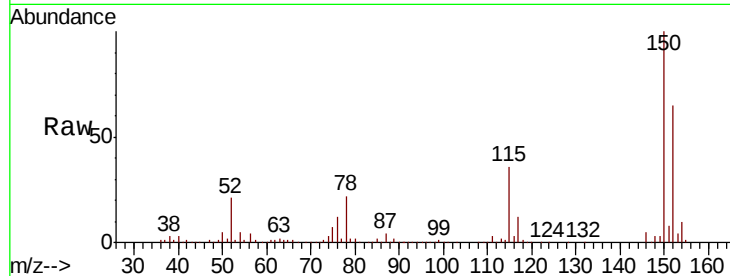
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	56.4	47.9	71.9

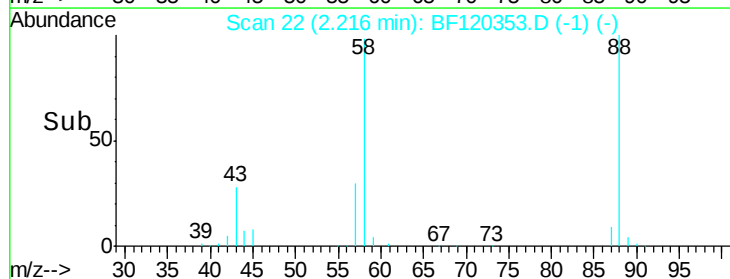
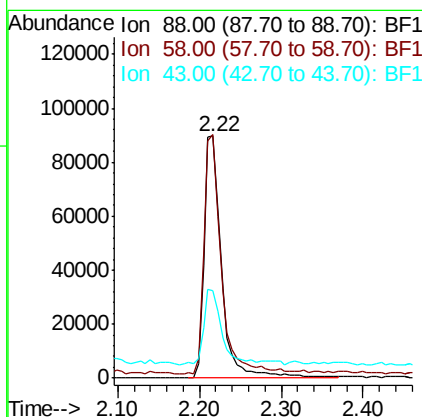
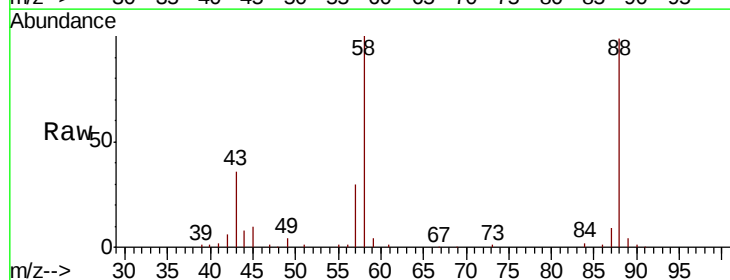
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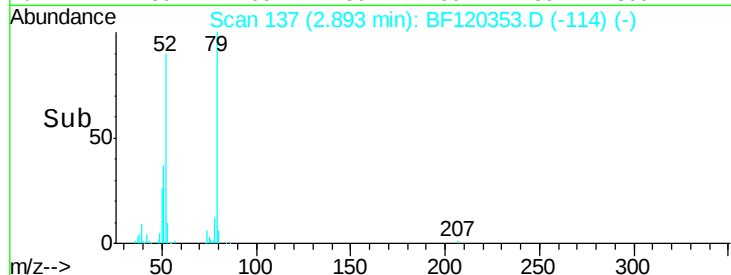
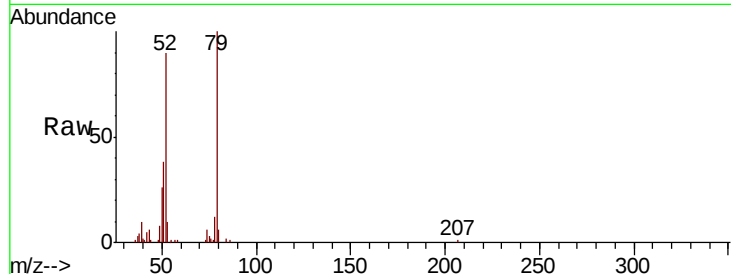
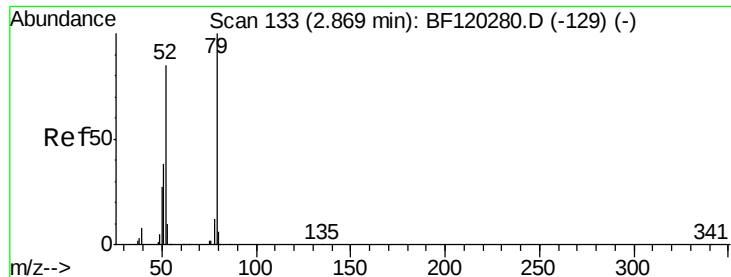
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#2
 1,4-Dioxane
 Concen: 23.423 ng
 RT: 2.22 min Scan# 22
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	75.8	113.6
43	31.6	23.6	35.4





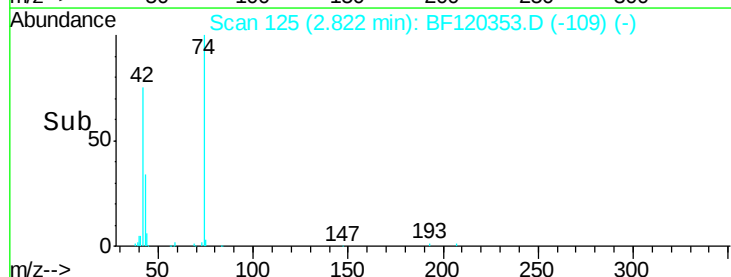
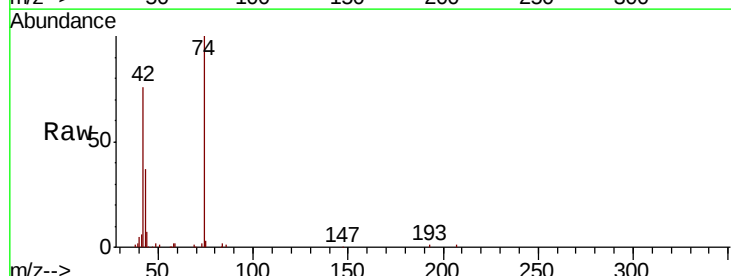
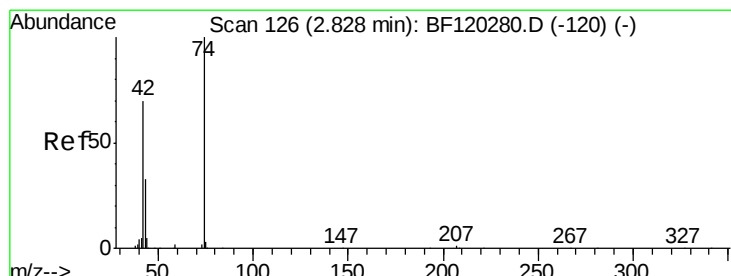
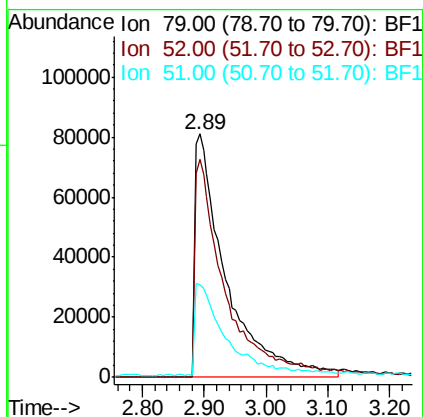
#3
Pvridine
Concen: 15.775 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.04 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	284135		
52	52	89.6		68.4	102.6
51	51	38.1		31.0	46.4

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

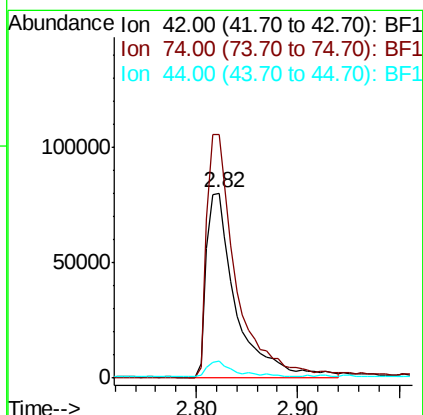
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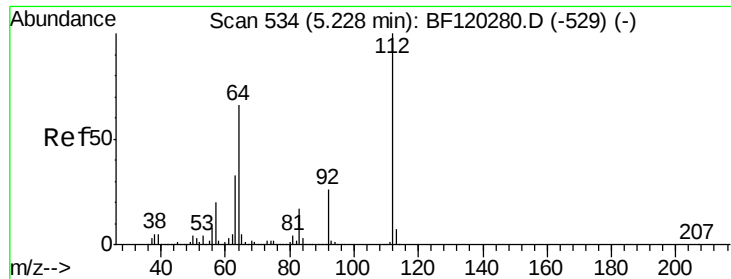
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#4
n-Nitrosodimethylamine
Concen: 22.988 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	162133		
74	74	131.8		114.8	172.2
44	44	8.9		5.6	8.4#





#5

2-Fluorophenol

Concen: 83.274 ng

RT: 5.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

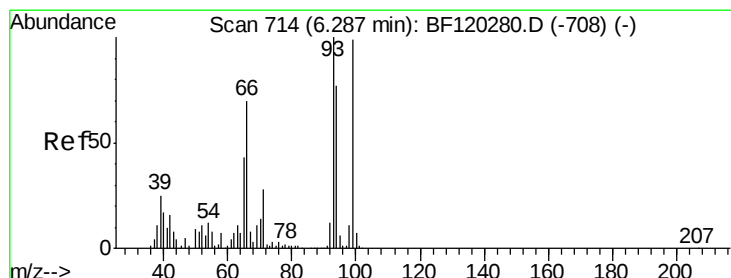
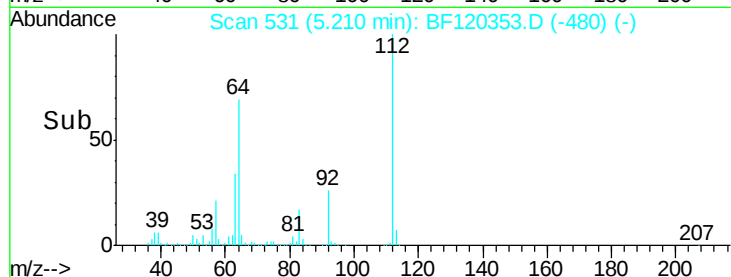
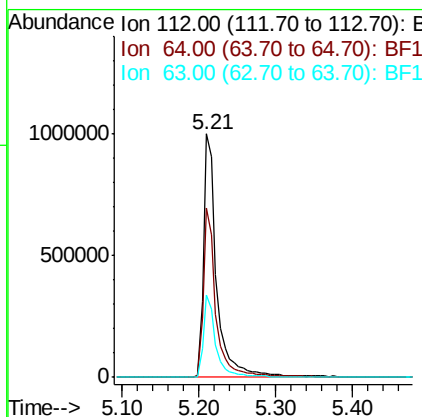
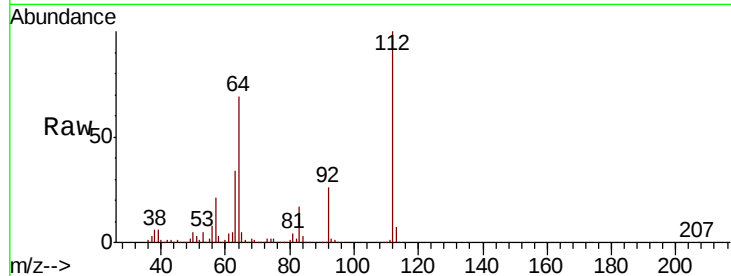
ClientSampleId :

TR-05-051520

Tot Ion:	112	Resp:	1199525
Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.7	79.1
63	33.8	26.2	39.4

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#6

Aniline

Concen: 12.695 ng m

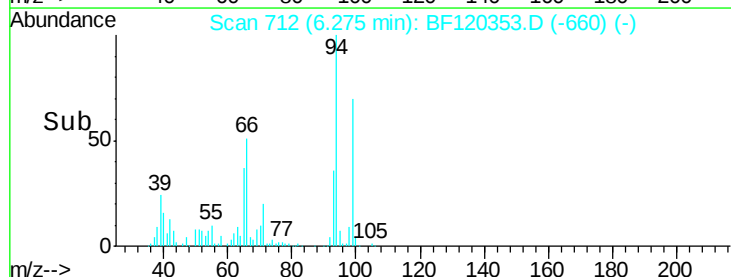
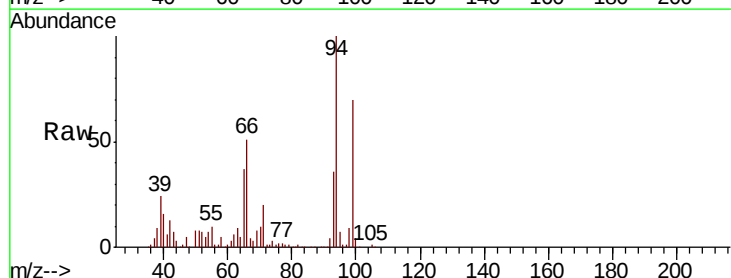
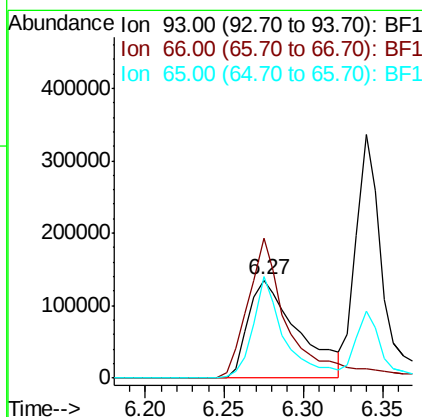
RT: 6.27 min Scan# 712

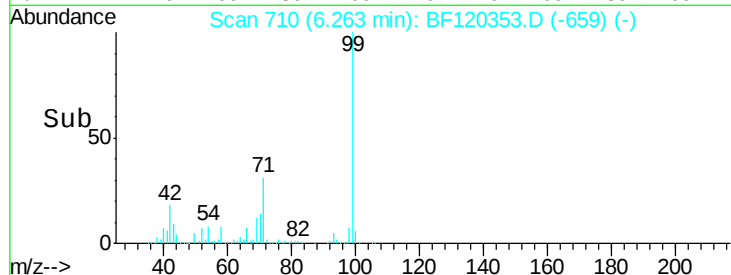
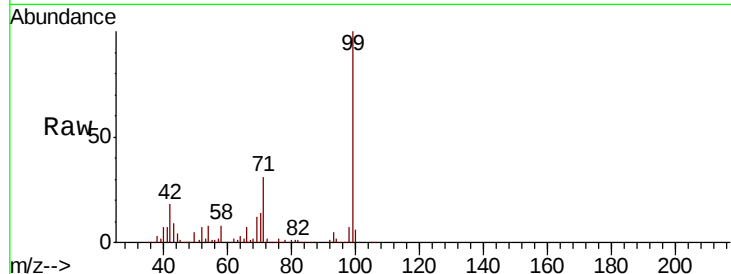
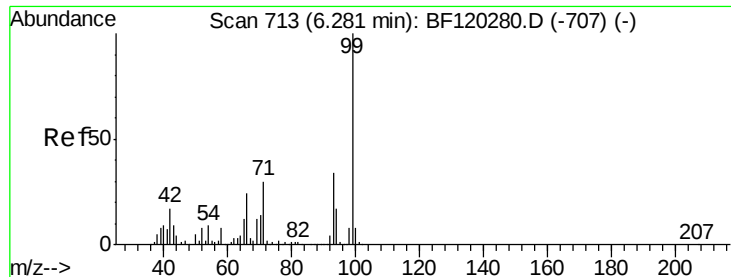
Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	93	Resp:	295754
Ion	Ratio	Lower	Upper
93	100		
66	142.4	56.2	84.4#
65	102.9	34.2	51.2#





#7

Phenol-d6

Concen: 74.873 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tot Ion: 99 Resp: 1363869

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

71 30.5 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

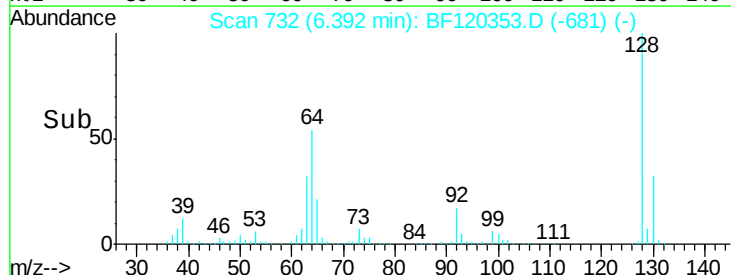
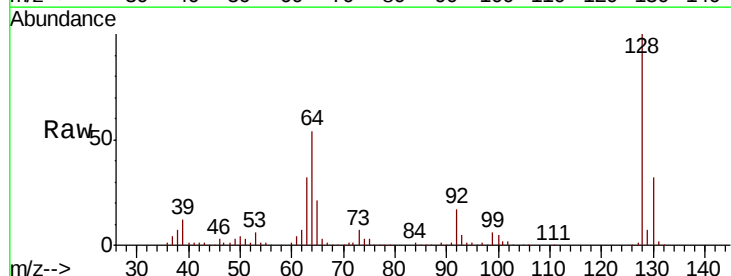
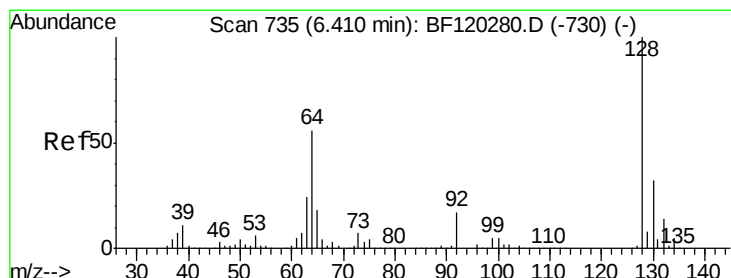
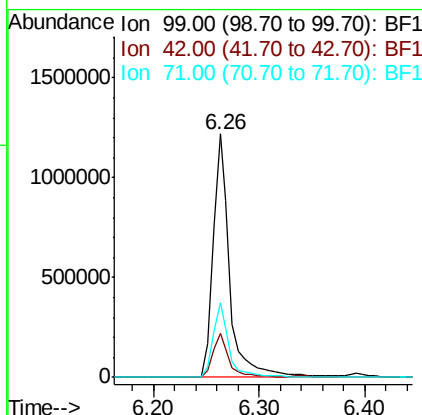
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#8

2-Chlorophenol

Concen: 20.881 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

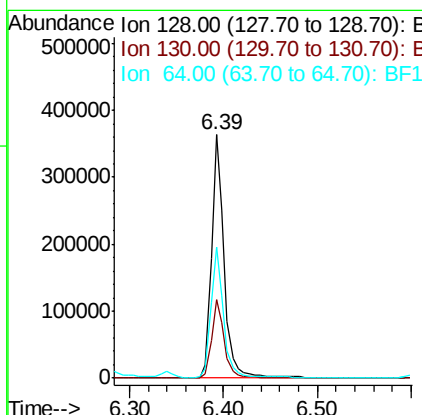
Tgt Ion:128 Resp: 350701

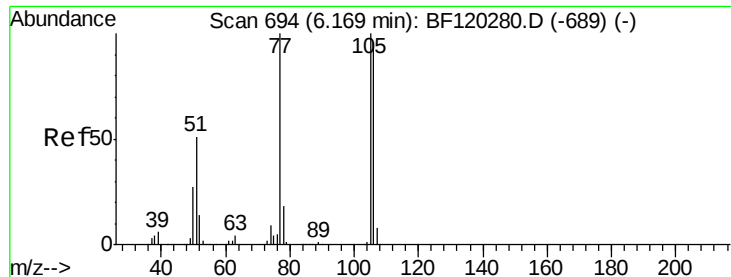
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 53.9 36.7 76.7





#9

Benzaldehyde

Concen: 20.004 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

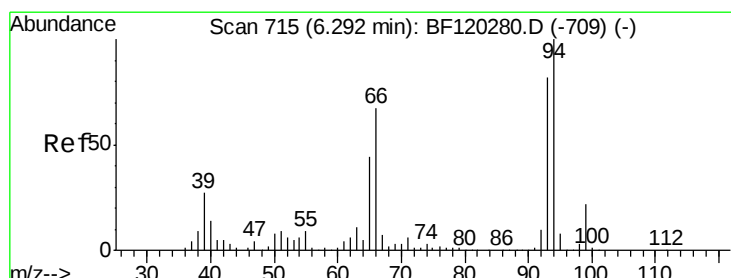
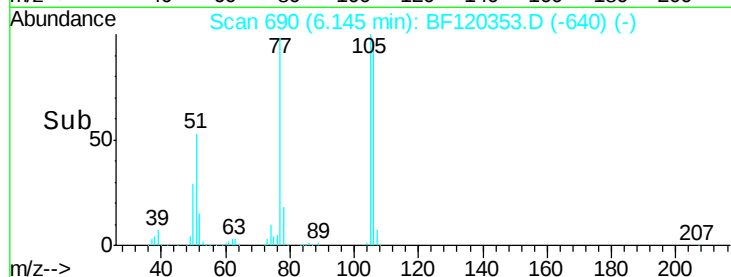
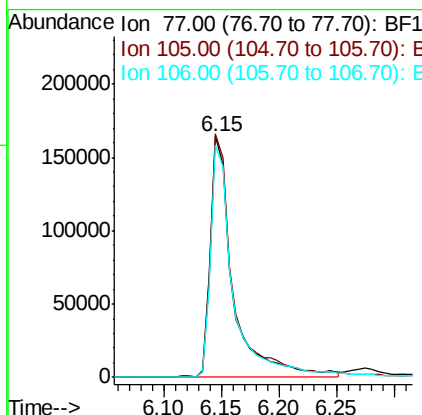
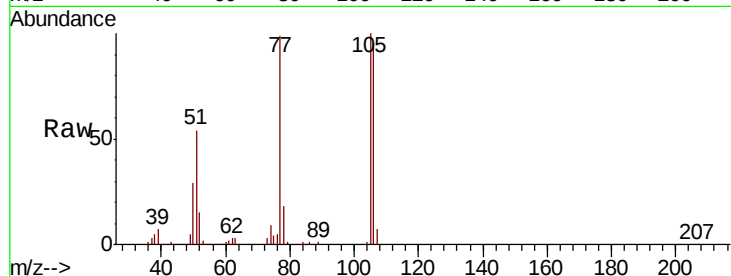
ClientSampleId :

TR-05-051520

Tot Ion:	77	Resp:	224633
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.9	119.9
106	96.5	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 21.298 ng

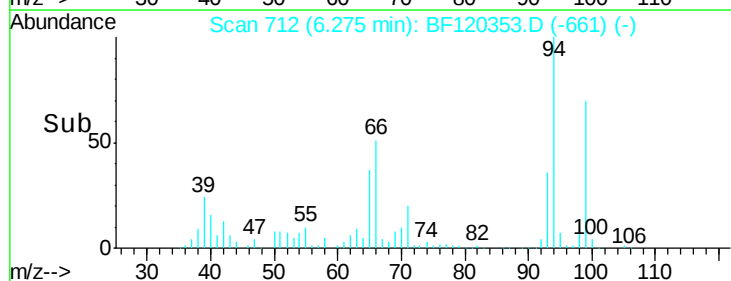
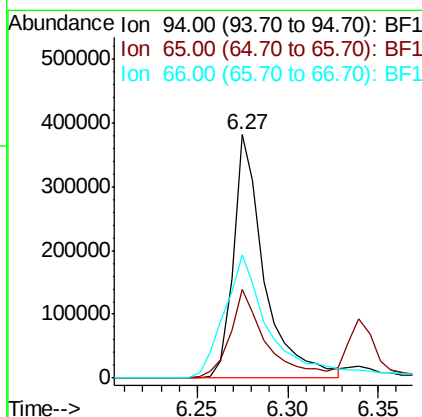
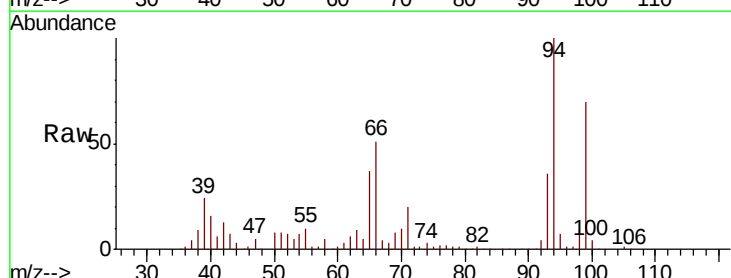
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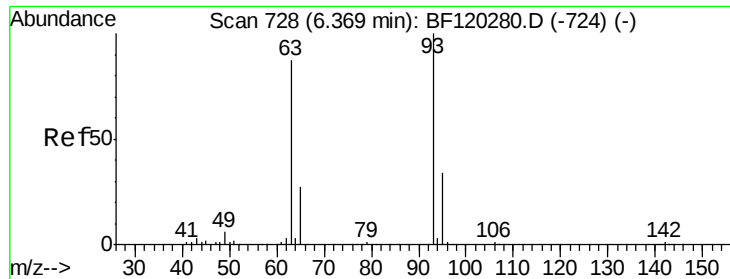
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	94	Resp:	452890
Ion	Ratio	Lower	Upper
94	100		
65	36.6	24.1	64.1
66	50.6	47.5	87.5





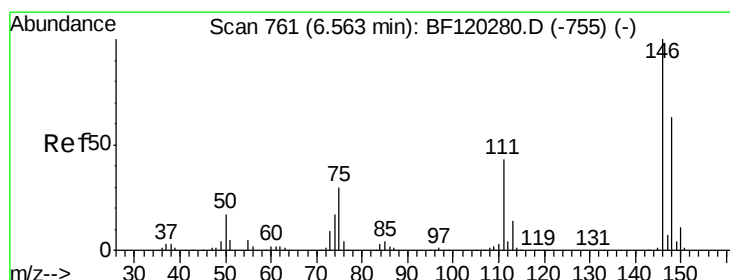
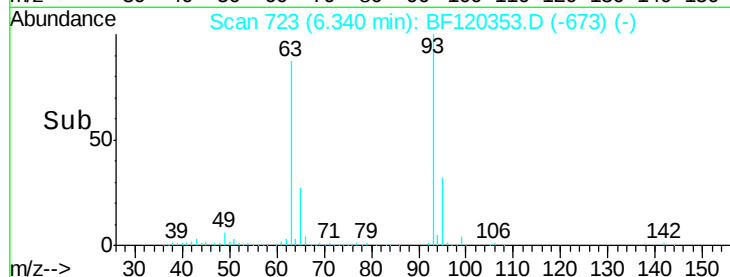
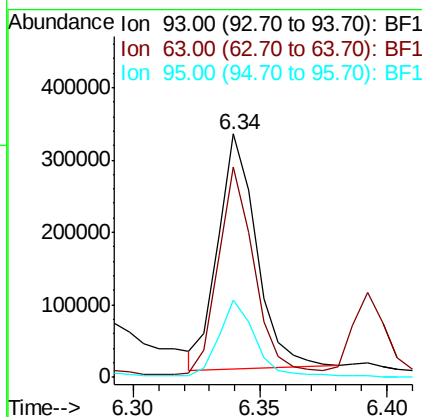
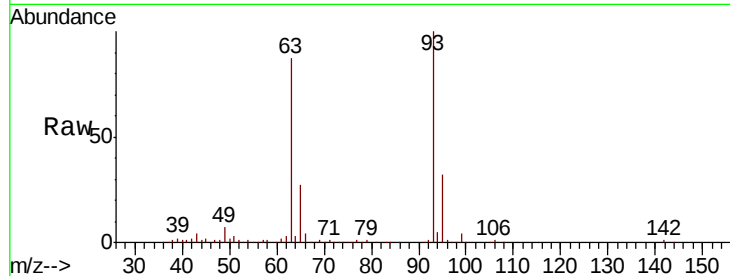
#11
bis(2-Chloroethyl)ether
Concen: 20.107 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion:	93	Resp:	341529
Ion	Ratio	Lower	Upper
93	100		
63	86.6	65.4	105.4
95	31.6	12.9	52.9

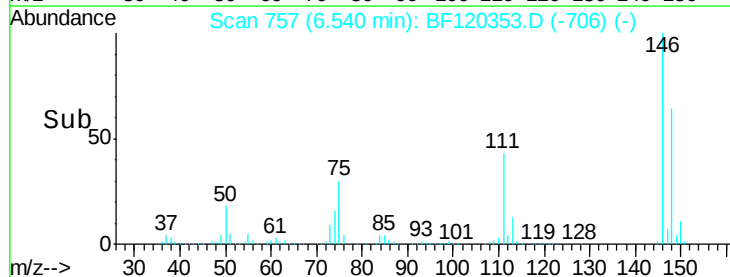
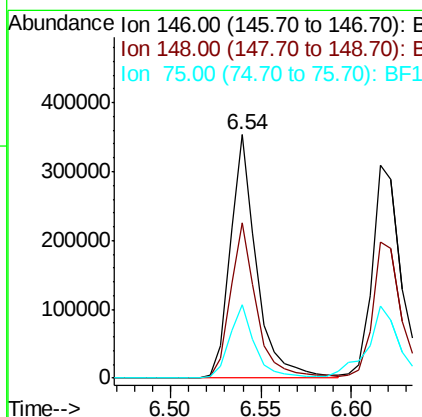
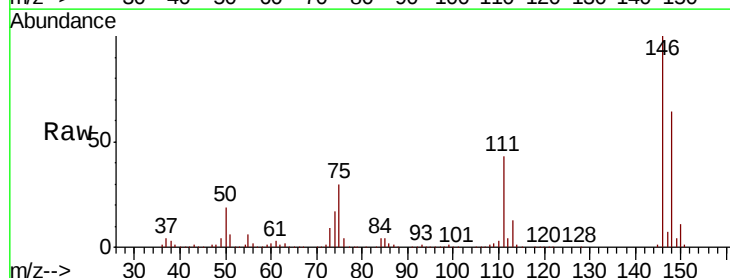
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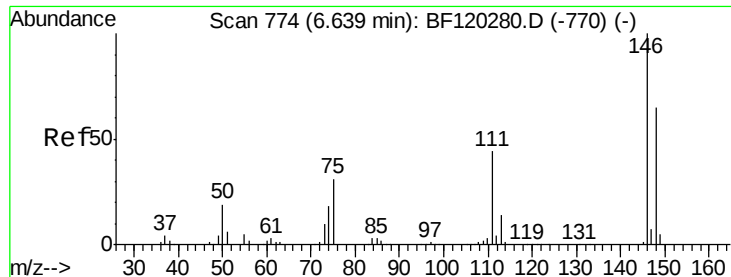
mohammad
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#12
1,3-Dichlorobenzene
Concen: 19.830 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion:	146	Resp:	356386
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	30.0	24.2	36.4





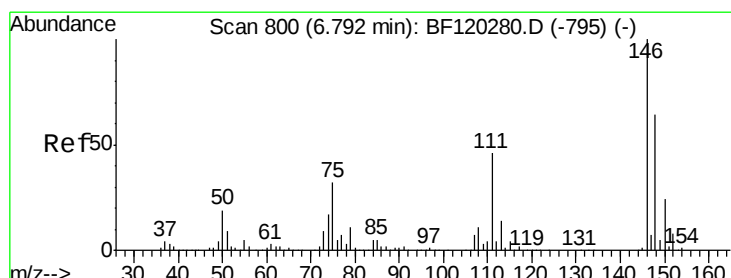
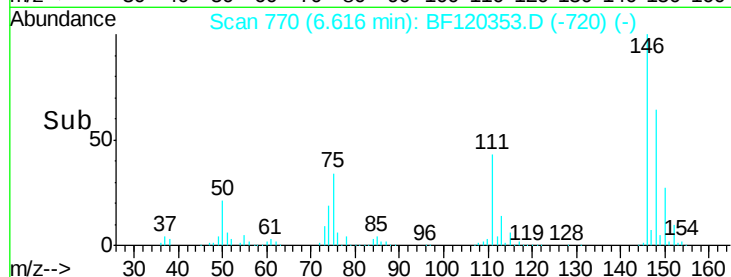
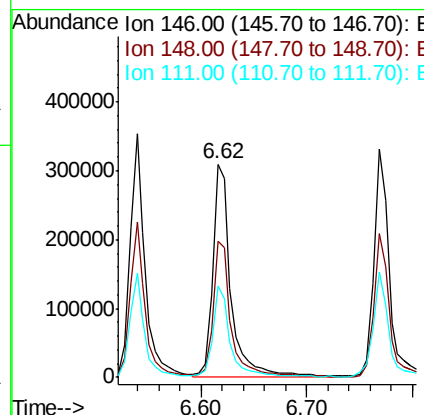
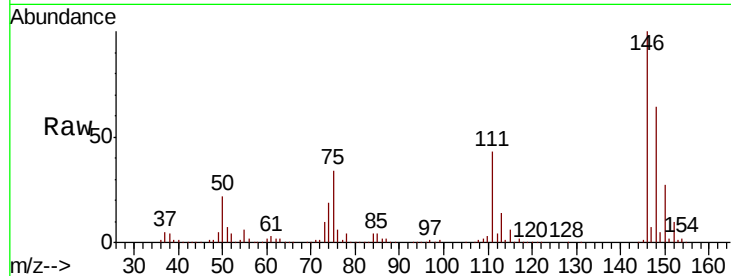
#13
 1,4-Dichlorobenzene
 Concen: 20.347 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	43.1	35.1	52.7

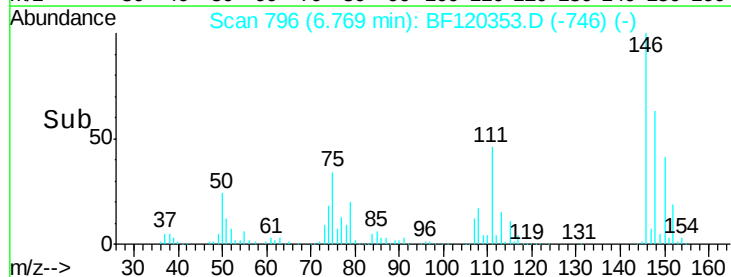
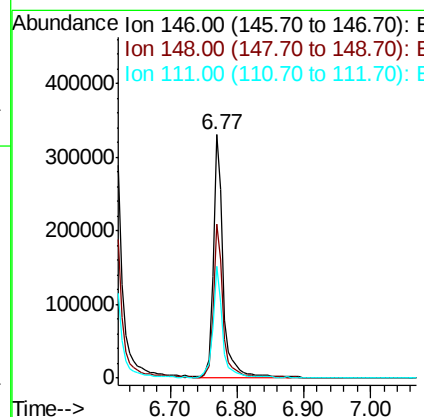
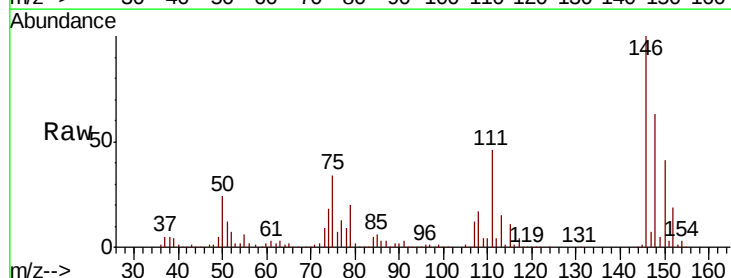
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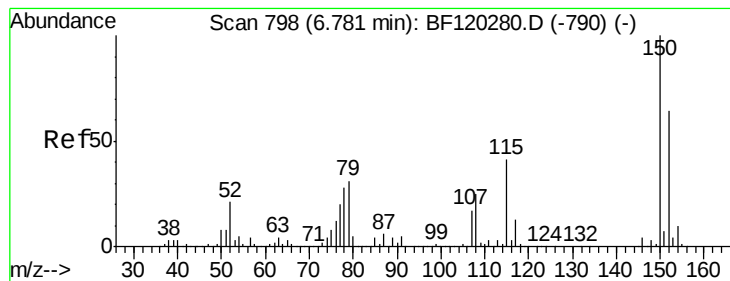
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 20.661 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	46.0	36.6	55.0





#15

Benzyl Alcohol

Concen: 20.806 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

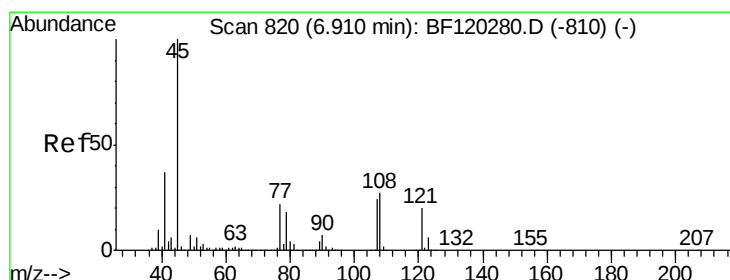
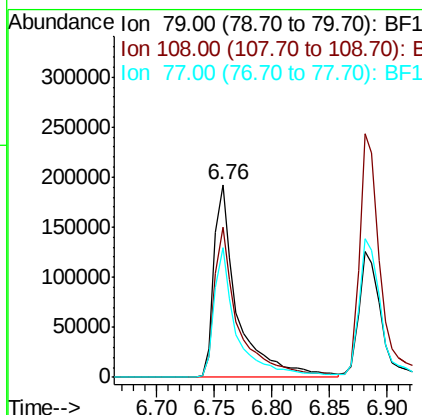
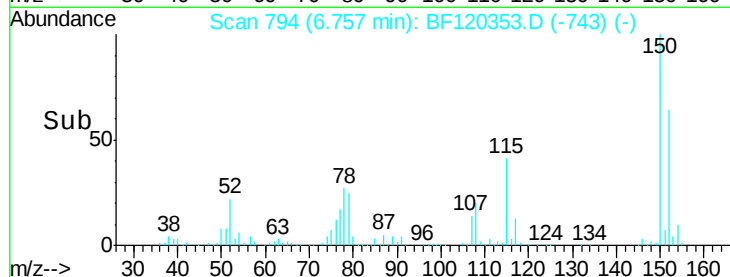
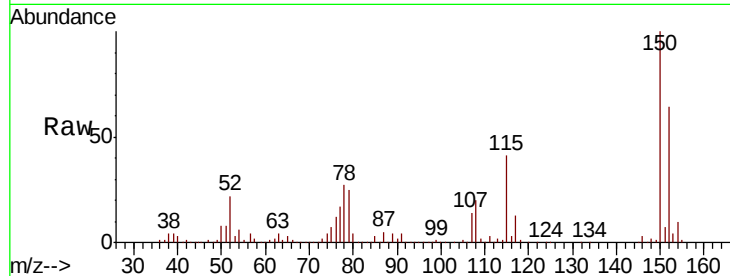
ClientSampleId :

TR-05-051520

Tot Ion:	79	Resp:	269257
Ion Ratio	Lower	Upper	
79	100		
108	78.2	64.2	96.4
77	67.2	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 20.717 ng

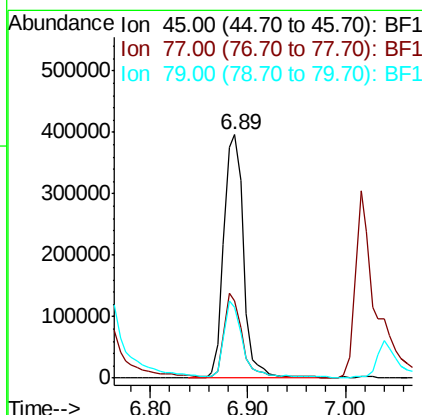
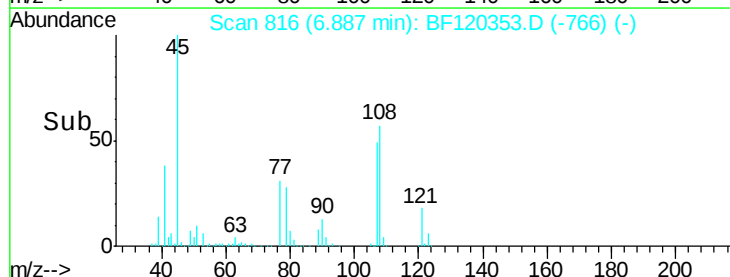
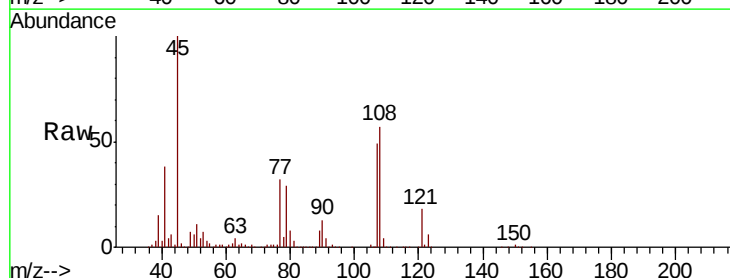
RT: 6.89 min Scan# 816

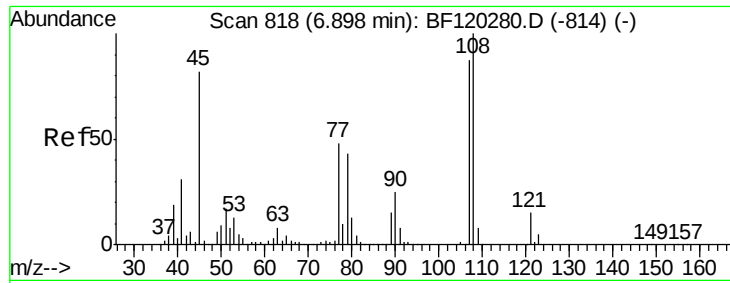
Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	45	Resp:	554571
Ion Ratio	Lower	Upper	
45	100		
77	32.0	3.1	43.1
79	28.9	0.0	40.0





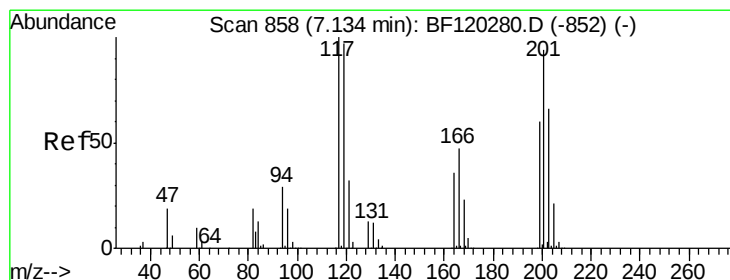
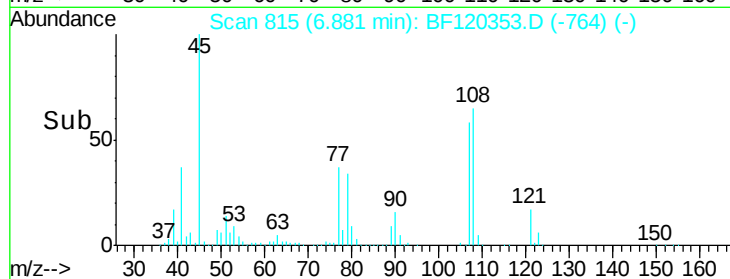
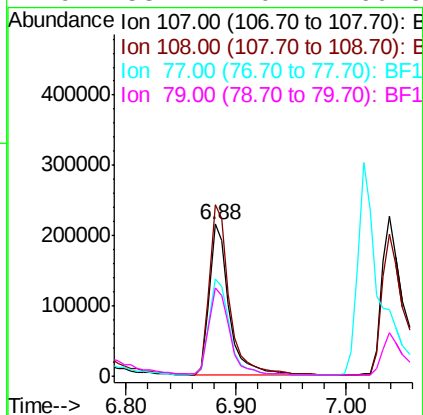
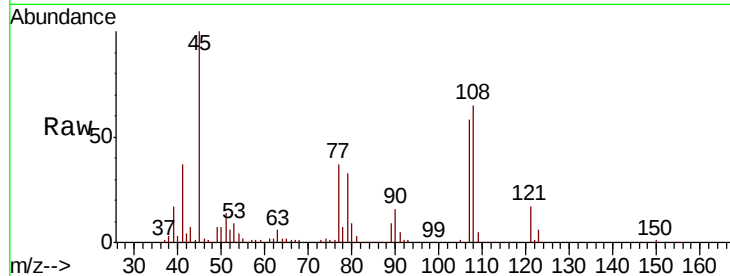
#17
2-Methylphenol
Concen: 18.558 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
107	100	263117		
108	112.4	92.4	138.6	
77	64.0	44.5	66.7	
79	58.1	40.4	60.6	

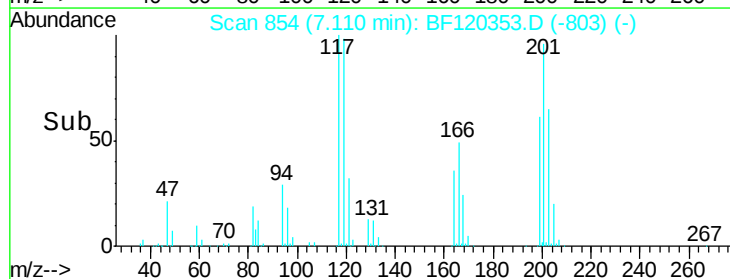
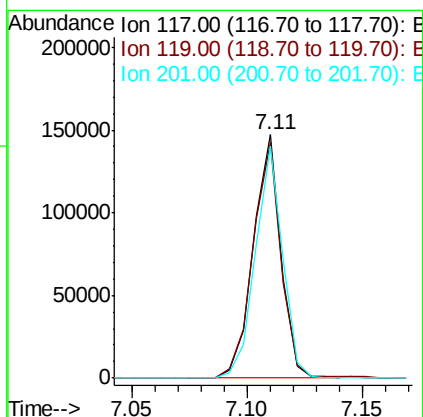
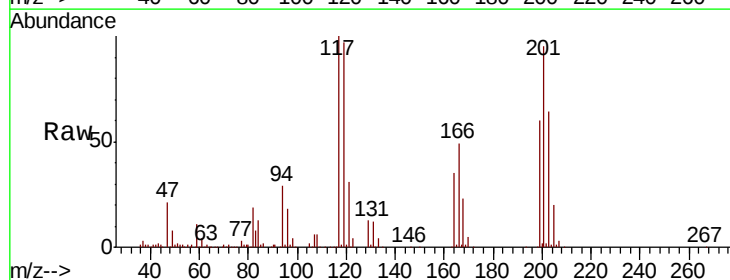
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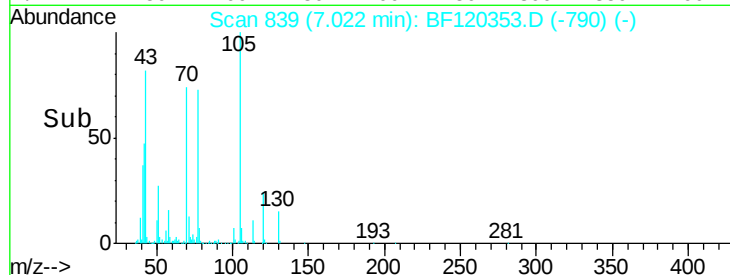
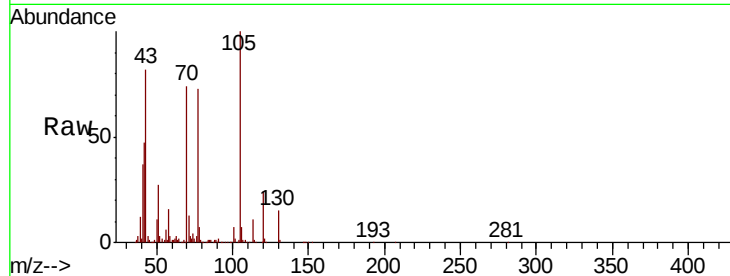
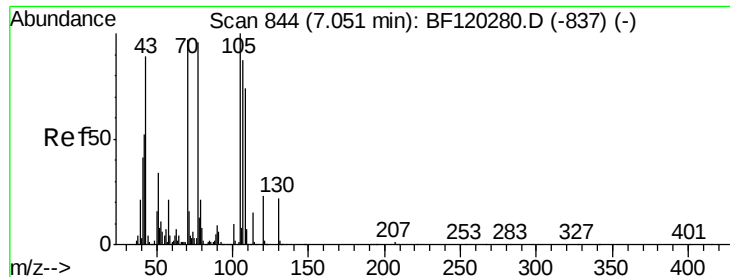
mohammad
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#18
Hexachloroethane
Concen: 17.468 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123172		
119	96.9	77.4	116.0	
201	95.3	74.9	112.3	





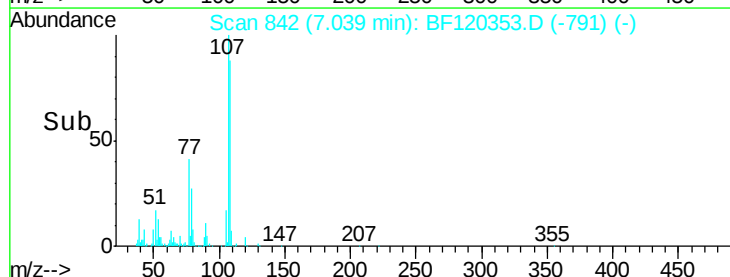
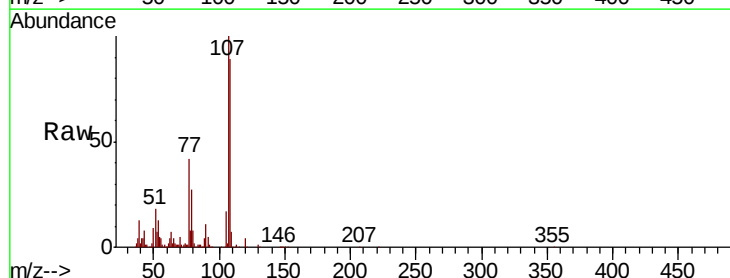
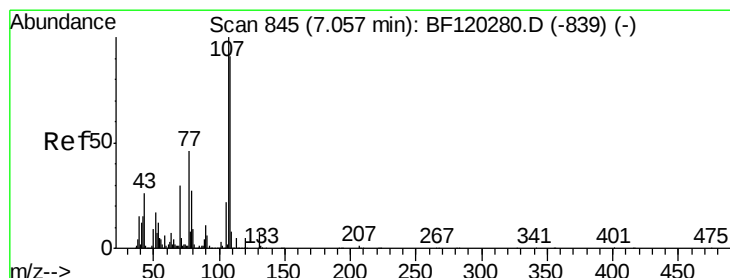
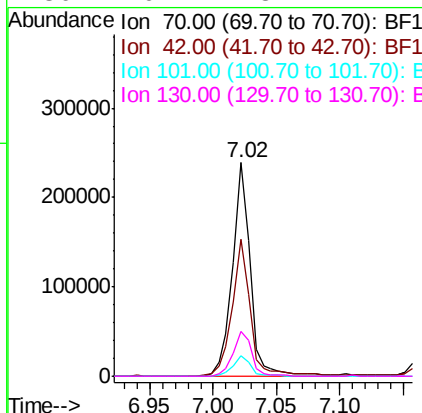
#19
n-Nitroso-di-n-propylamine
Concen: 19.512 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	43.4	65.0
101	9.4	7.8	11.8
130	20.7	18.2	27.4

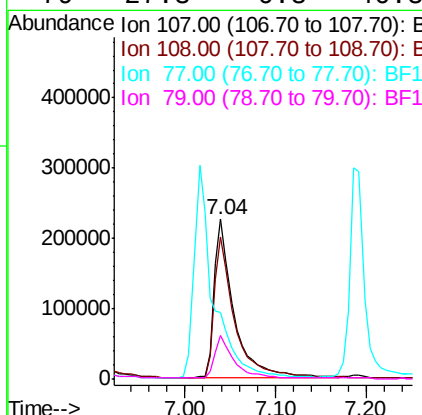
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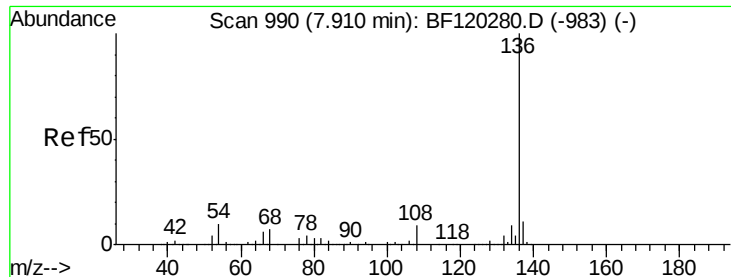
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#20
3+4-Methylphenols
Concen: 18.574 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.1	111.1
77	42.1	28.1	68.1
79	27.3	6.8	46.8





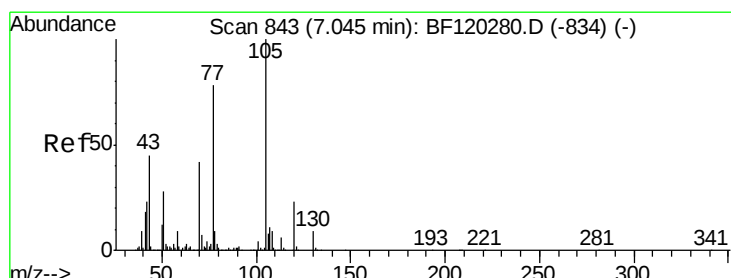
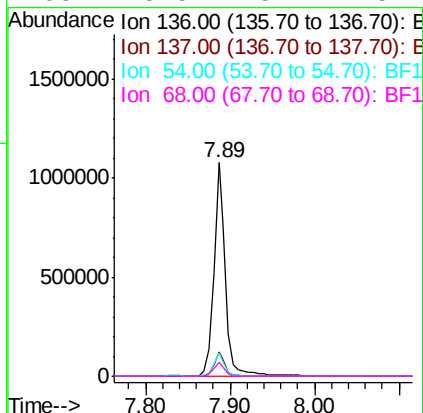
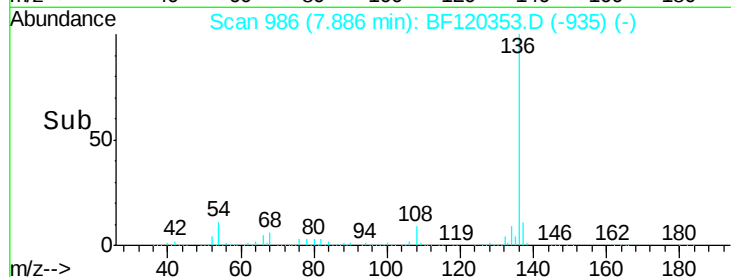
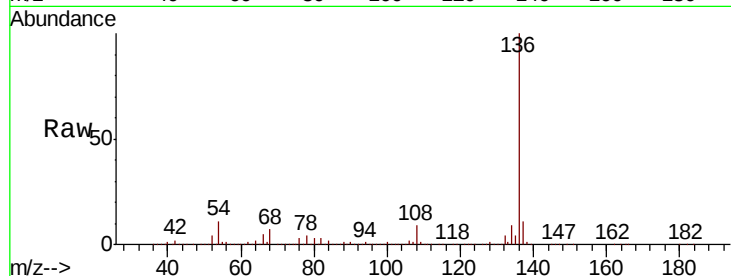
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	136	Resp	1053236
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.6	7.9	11.9
68	6.5	5.4	8.2

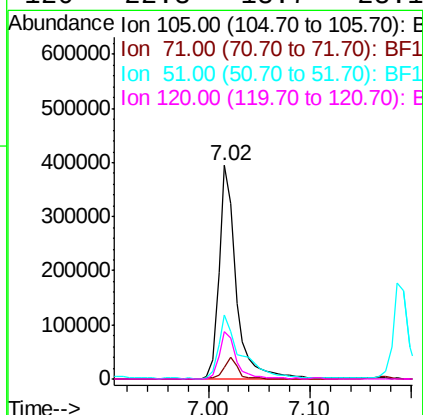
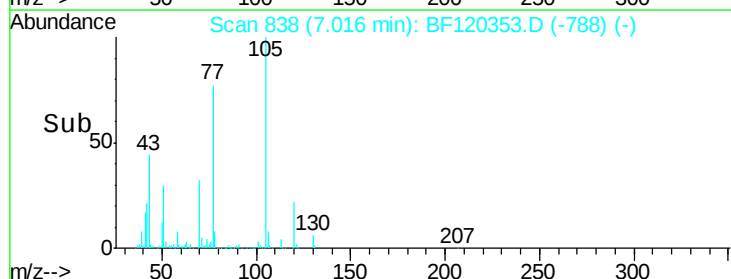
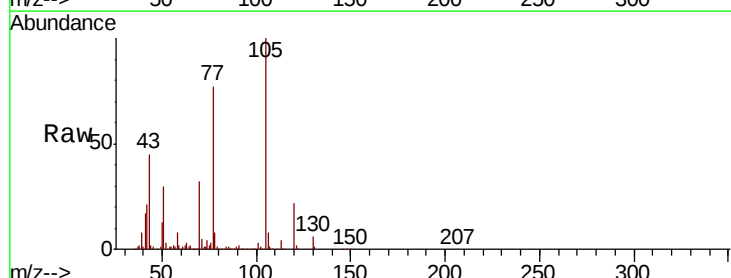
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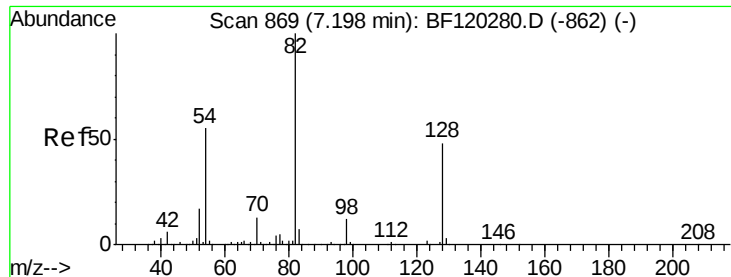
mohammad
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#22
Acetophenone
Concen: 21.609 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	105	Resp	466243
Ion	Ratio	Lower	Upper
105	100		
71	5.5	5.6	8.4#
51	30.2	22.6	34.0
120	22.3	18.7	28.1





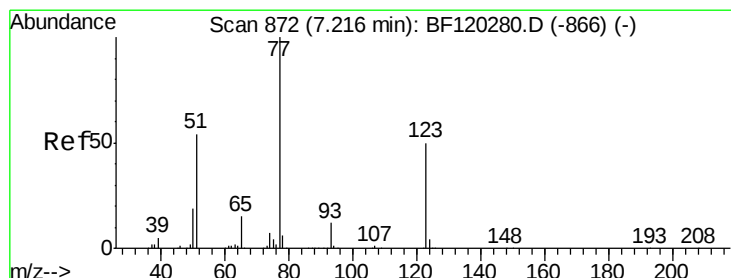
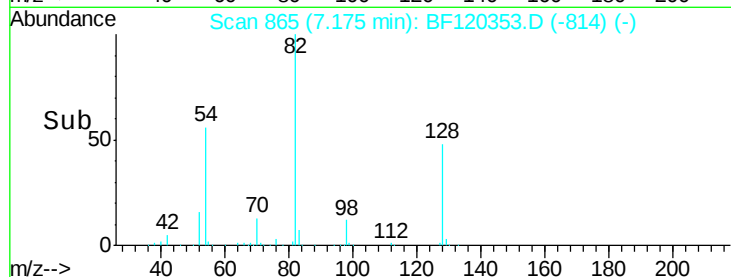
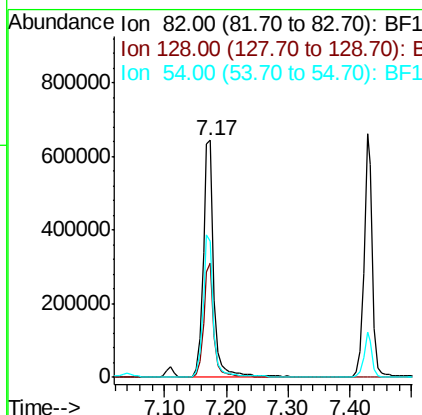
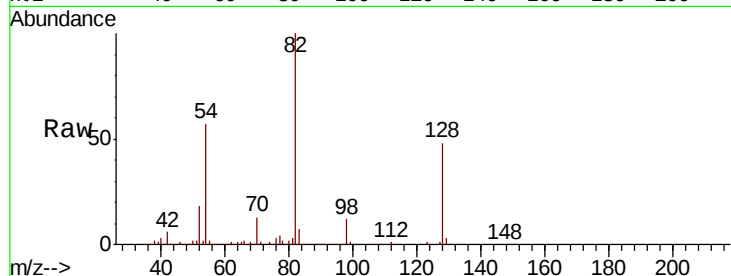
#23
 Nitrobenzene-d5
 Concen: 50.539 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.3	57.5
54	57.3	43.9	65.9

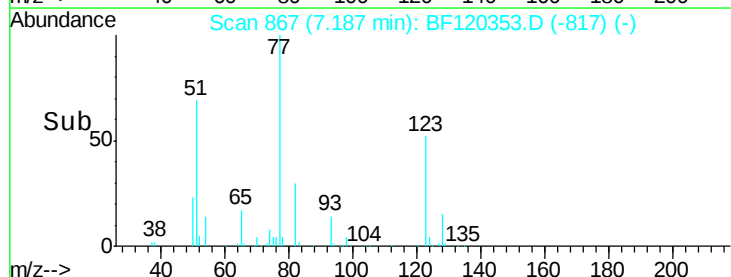
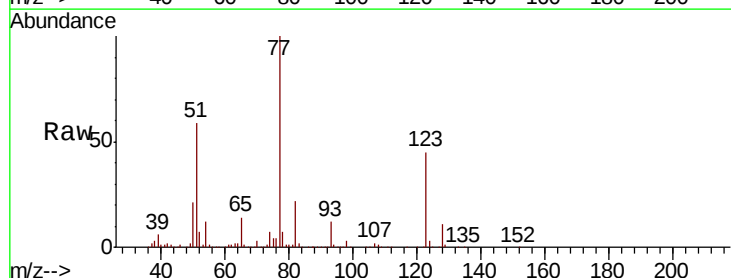
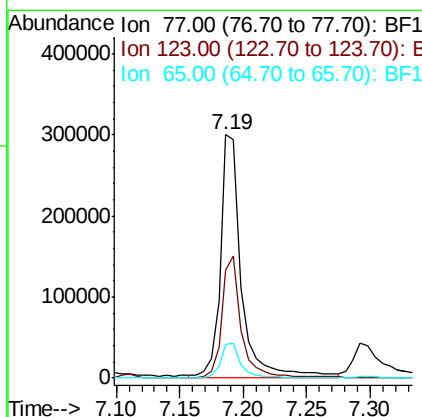
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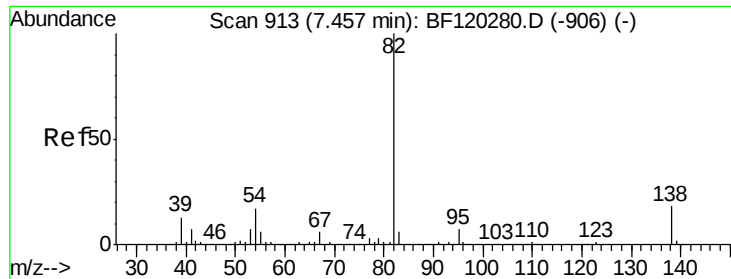
mohammad
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#24
 Nitrobenzene
 Concen: 20.814 ng
 RT: 7.19 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	40.0	60.0
65	14.0	11.7	17.5





#25

Isophorone

Concen: 19.749 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

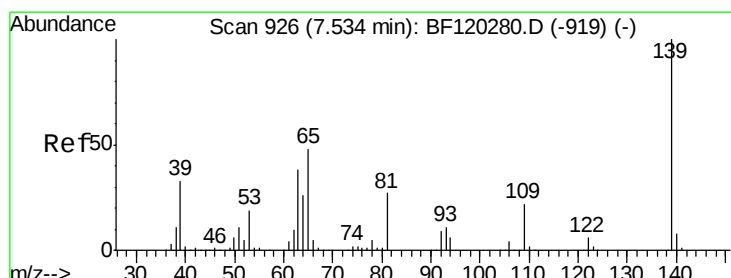
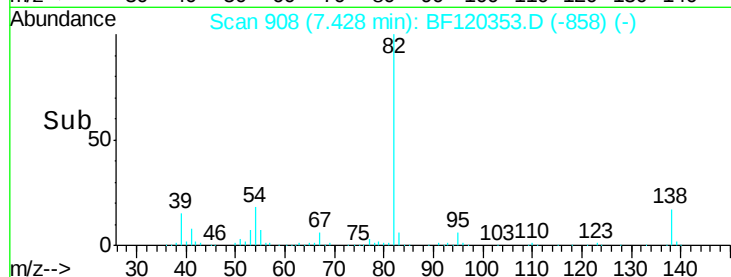
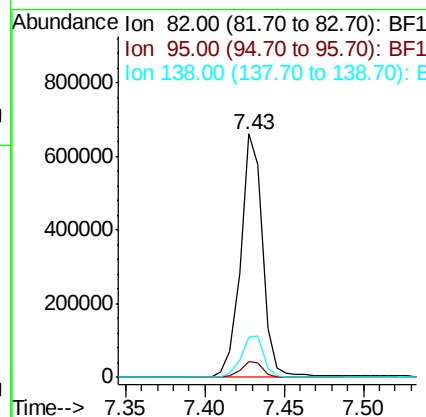
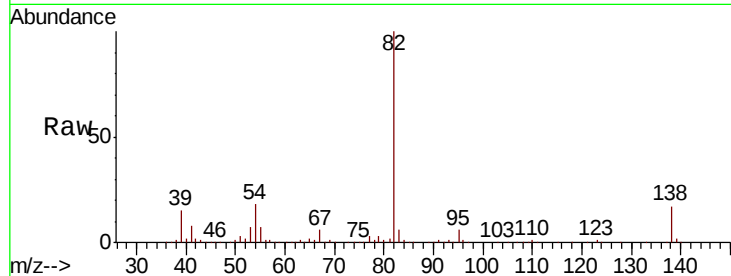
ClientSampleId :

TR-05-051520

Tot Ion:	82	Resp:	632105
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.4	8.0
138	16.6	14.7	22.1

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#26

2-Nitrophenol

Concen: 20.370 ng

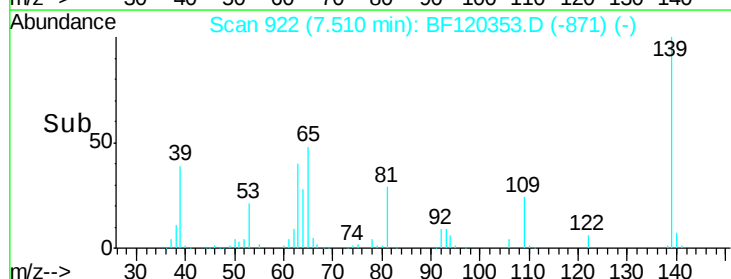
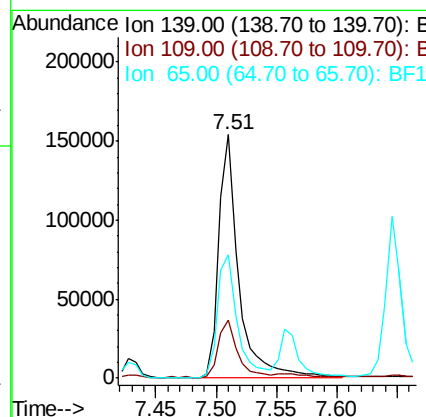
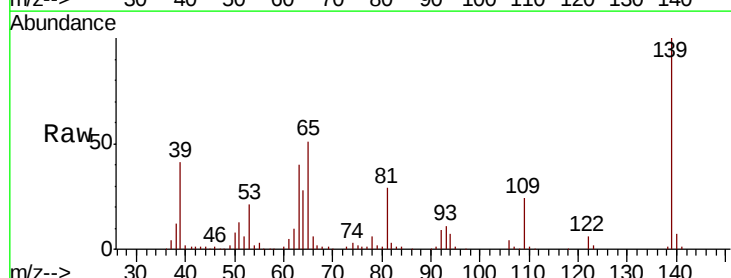
RT: 7.51 min Scan# 922

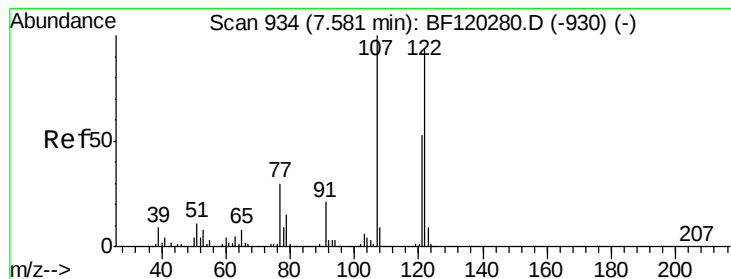
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	139	Resp:	176379
Ion Ratio	Lower	Upper	
139	100		
109	23.9	17.7	26.5
65	50.5	38.3	57.5





#27

2,4-Dimethylphenol

Concen: 22.715 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

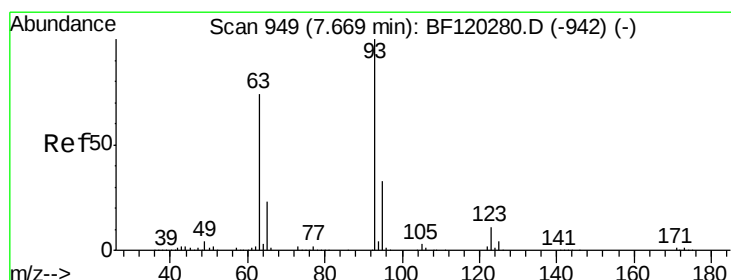
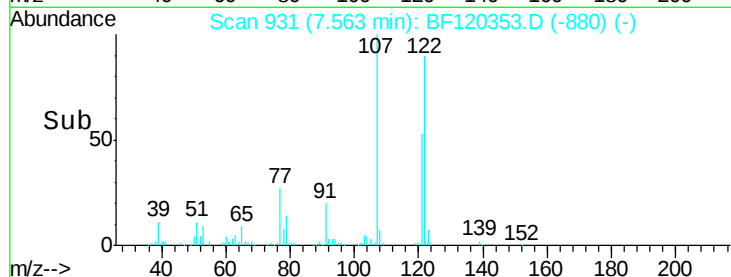
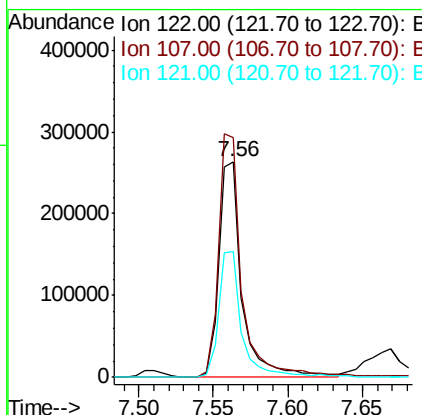
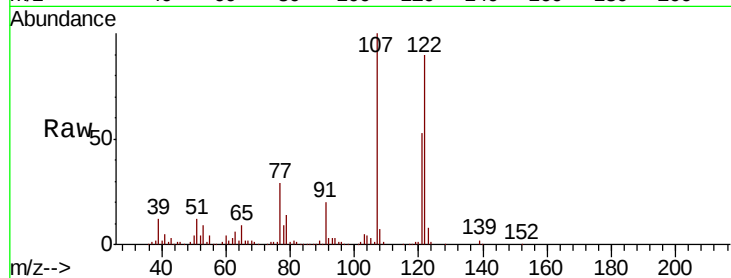
ClientSampleId :

TR-05-051520

Tot Ion:	122	Resp:	286107
Ion Ratio	Lower	Upper	
122	100		
107	110.9	85.0	127.6
121	58.5	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 20.659 ng

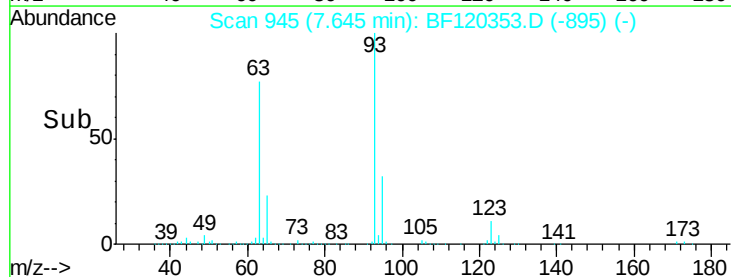
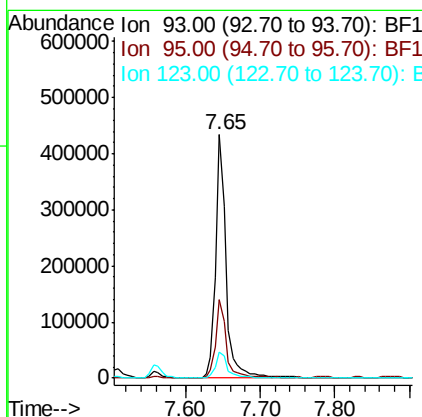
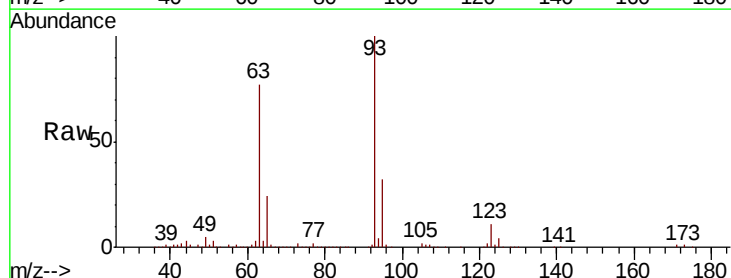
RT: 7.65 min Scan# 945

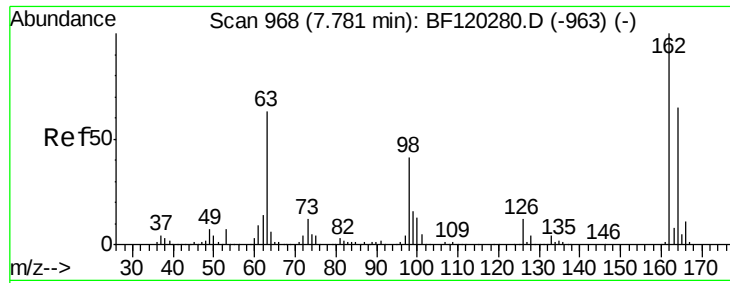
Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	93	Resp:	415619
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.8	40.2
123	10.8	9.2	13.8





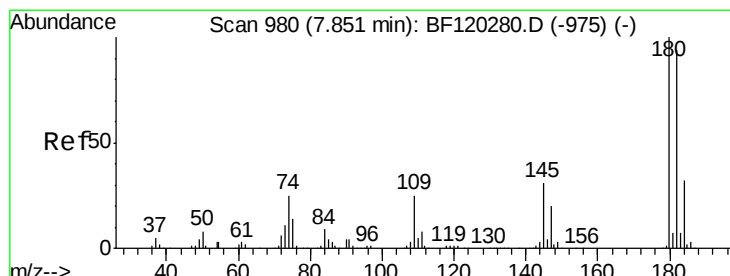
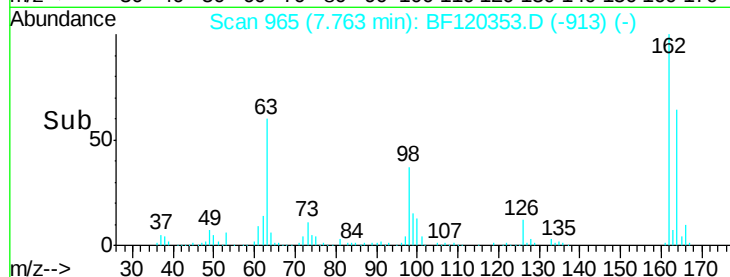
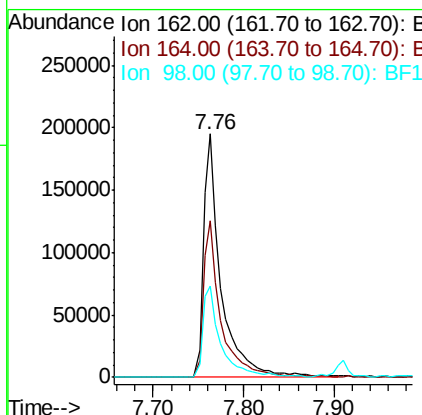
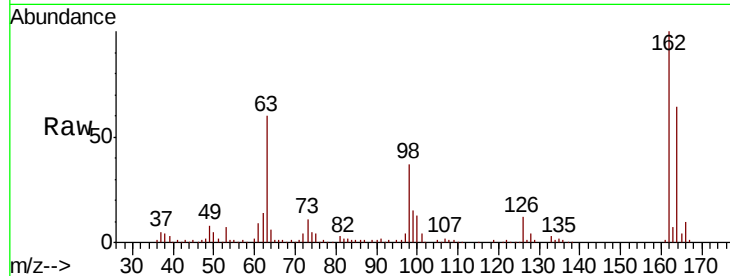
#29
2,4-Dichlorophenol
Concen: 20.437 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		264377		
164	64.4	44.9	84.9		
98	37.5	20.7	60.7		

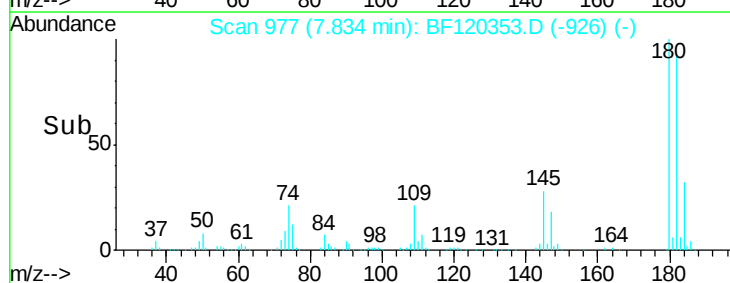
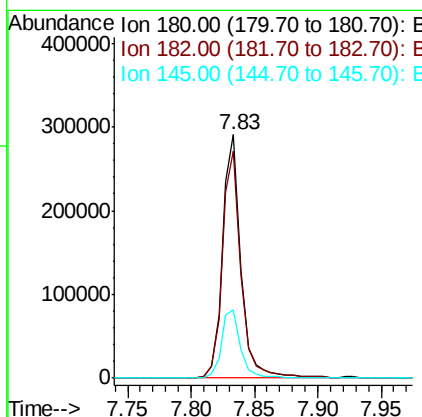
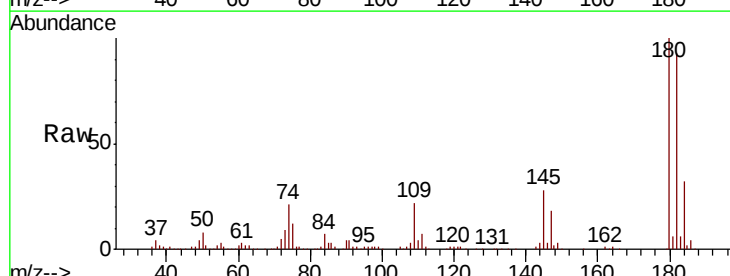
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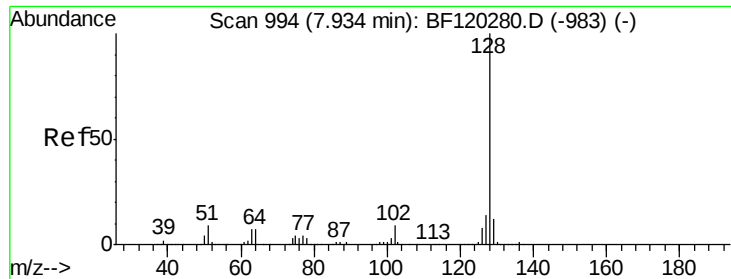
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 20.629 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		295725		
182	93.0	75.3	112.9		
145	27.9	24.9	37.3		





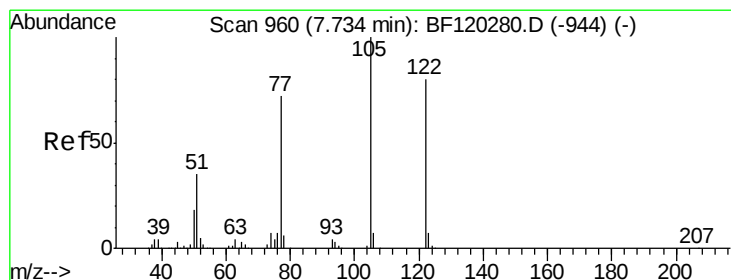
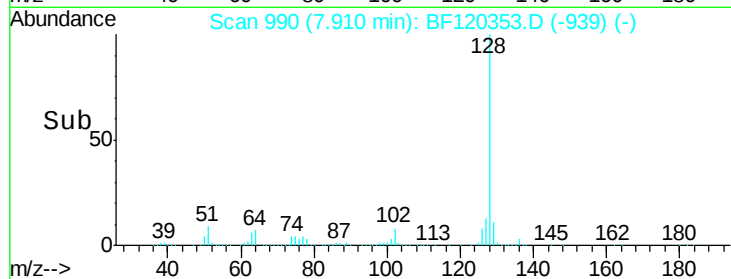
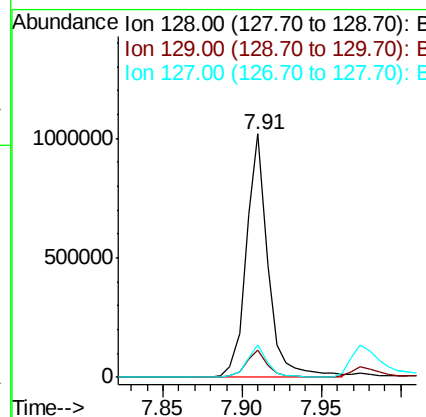
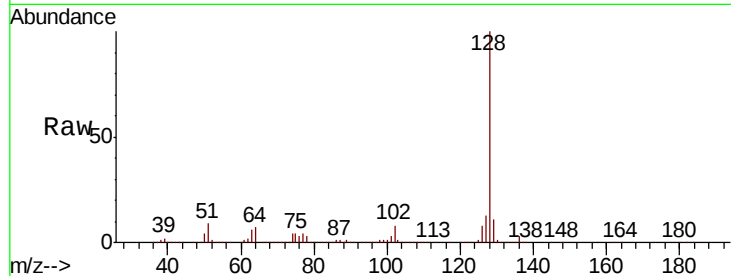
#31
Naphthalene
Concen: 21.710 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampled :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.3	13.9	
127	13.2	11.2	16.8	

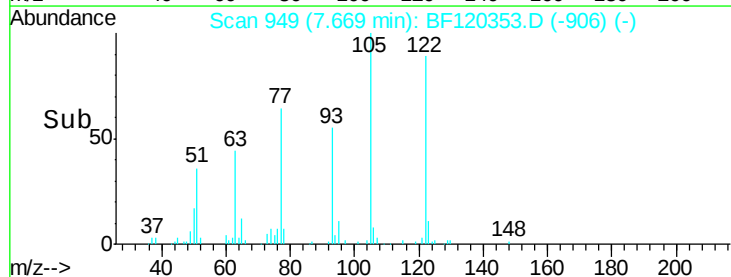
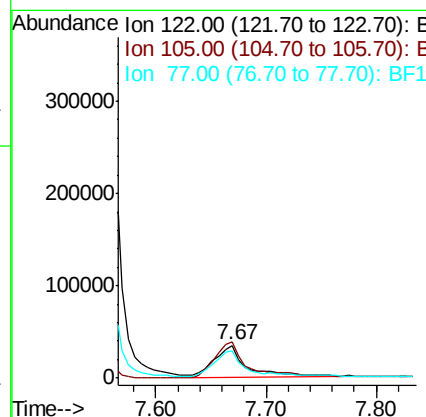
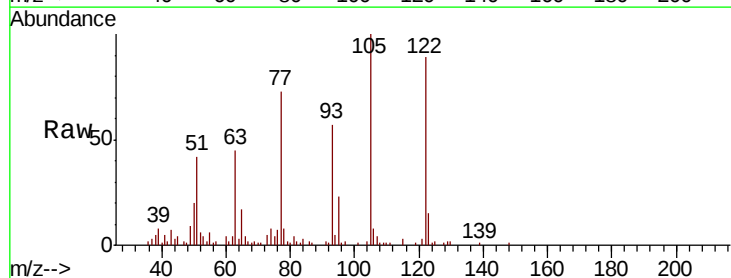
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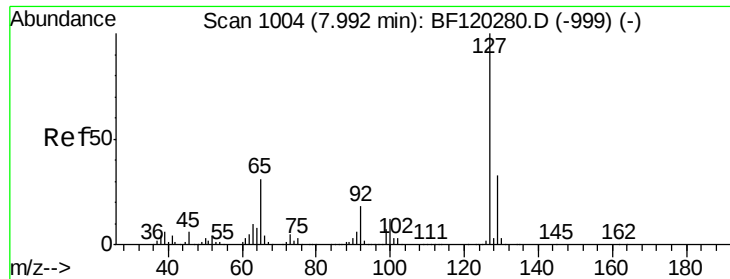
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#32
Benzoic acid
Concen: 8.166 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.05 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	112.9	98.1	138.1	
77	82.7	66.7	106.7	





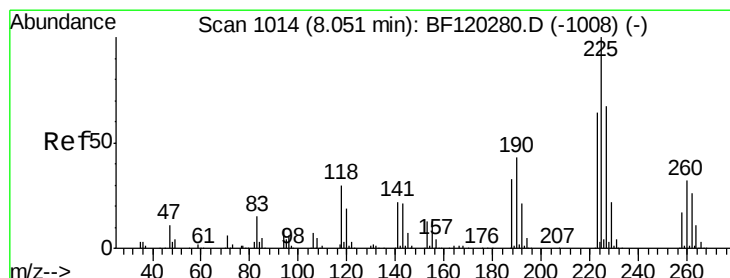
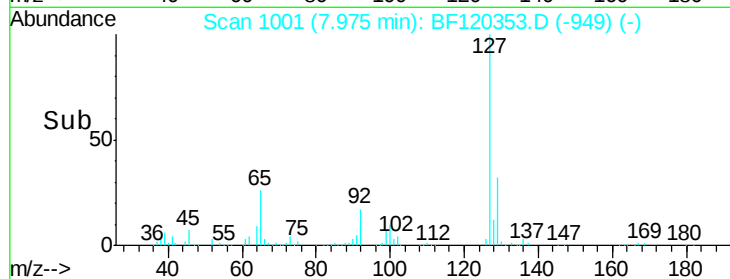
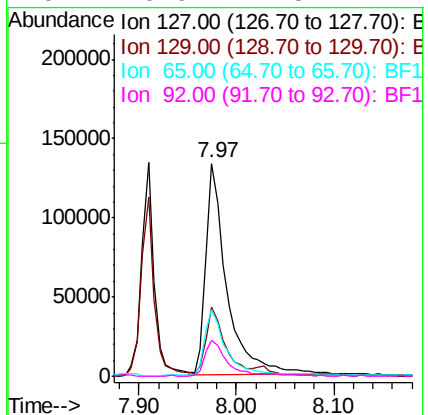
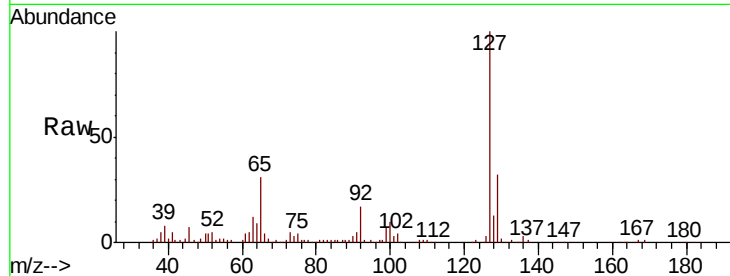
#33
4-Chloroaniline
Concen: 9.988 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.4	39.6		
65	31.5	24.8	37.2		
92	16.9	14.5	21.7		

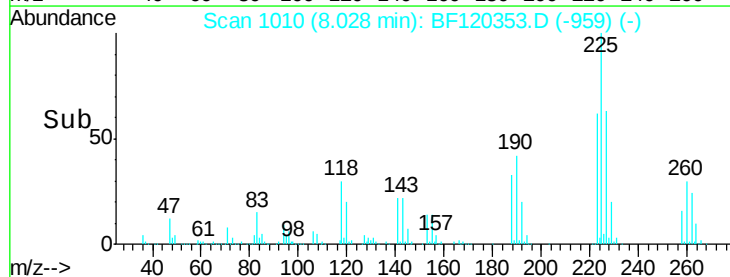
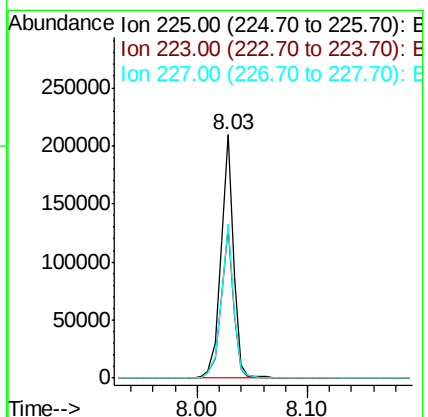
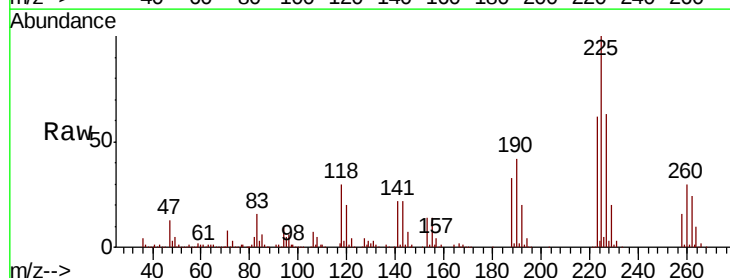
Manual Integrations
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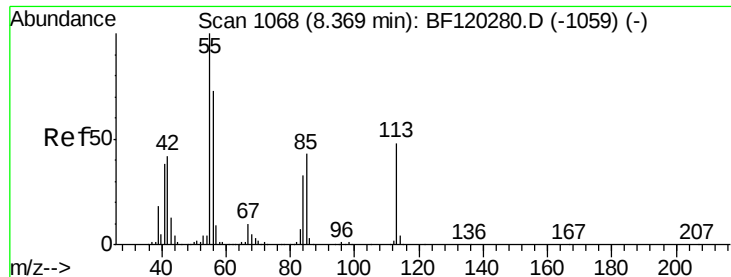
mohammad
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#34
Hexachlorobutadiene
Concen: 20.294 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.4	77.0		
227	63.4	54.0	81.0		





#35

Caprolactam

Concen: 19.152 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

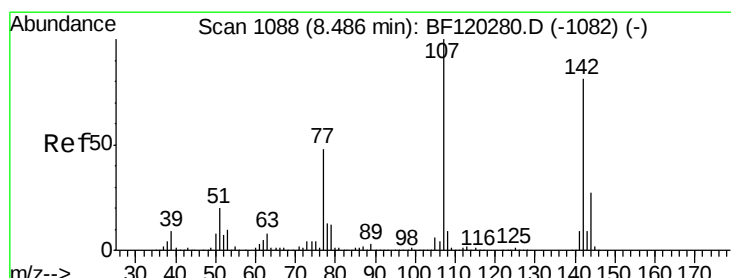
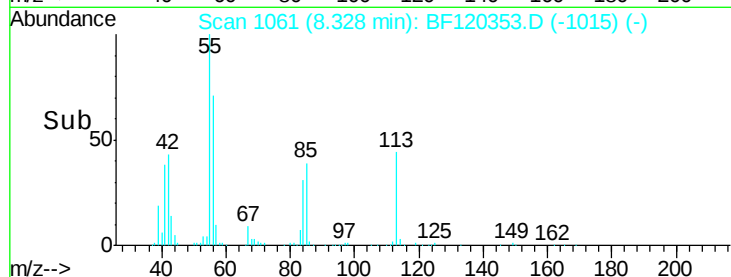
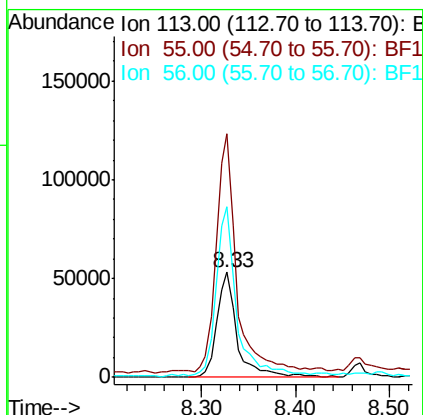
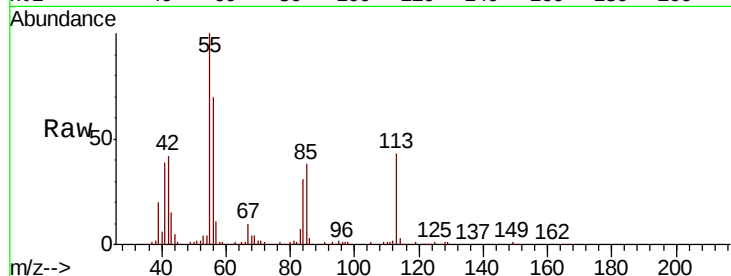
ClientSampleId :

TR-05-051520

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.3	190.4	230.4#
56	161.8	132.7	172.7

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#36

4-Chloro-3-methylphenol

Concen: 19.176 ng

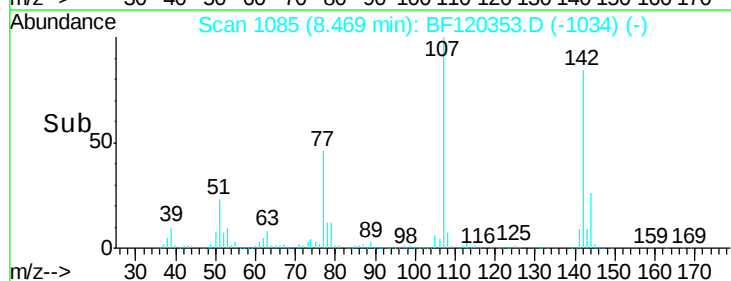
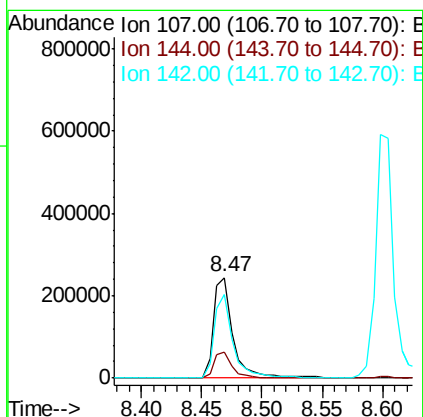
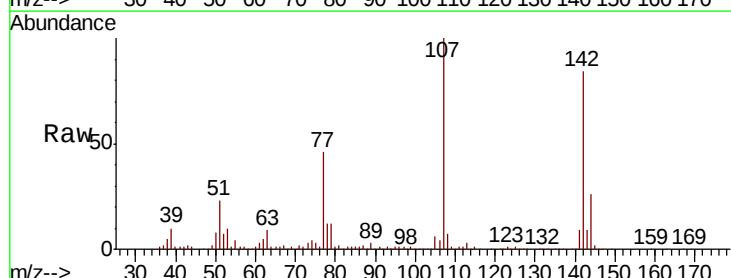
RT: 8.47 min Scan# 1085

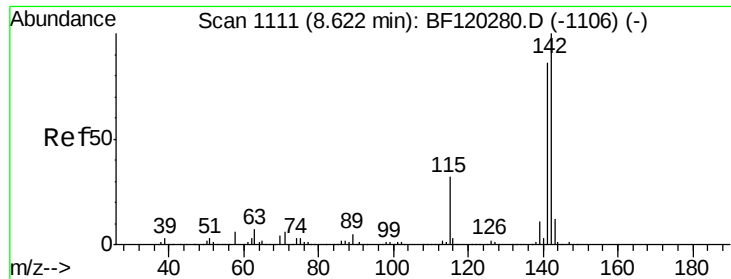
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.4	32.2
142	83.8	65.1	97.7





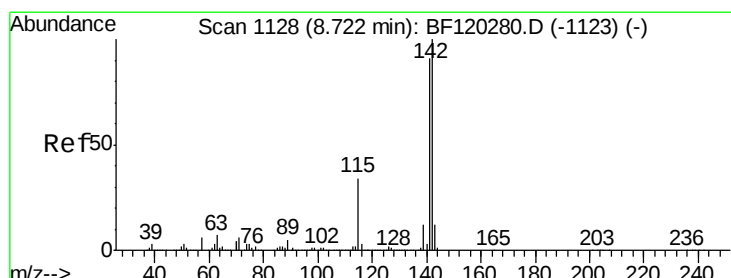
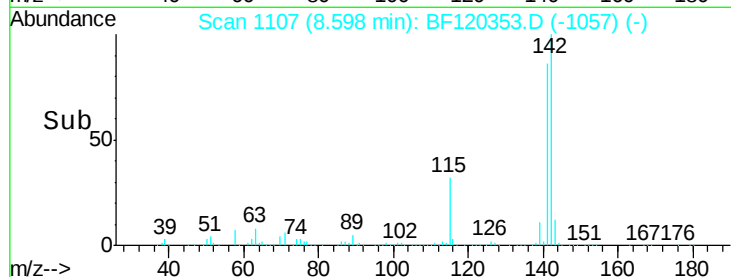
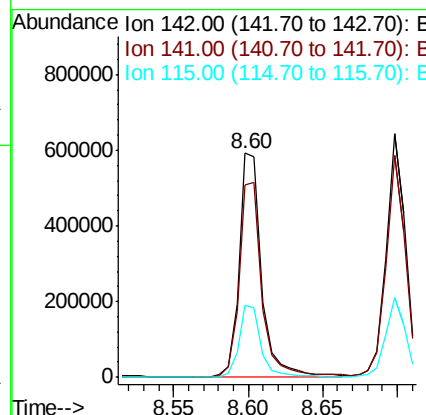
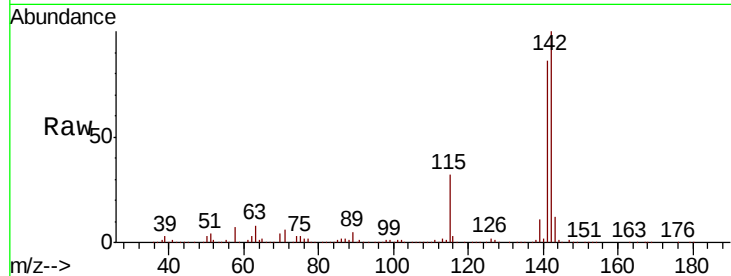
#37
2-Methylnaphthalene
Concen: 20.564 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
142	100	625533		
141	85.8	68.8	103.2	
115	32.3	25.7	38.5	

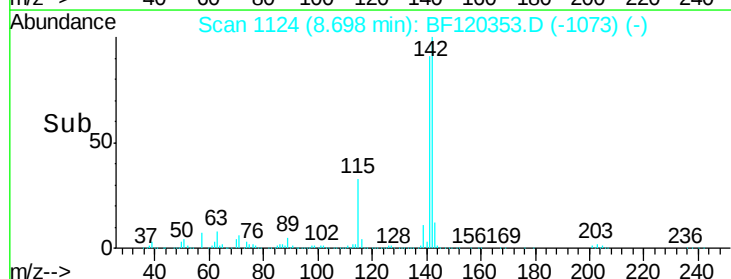
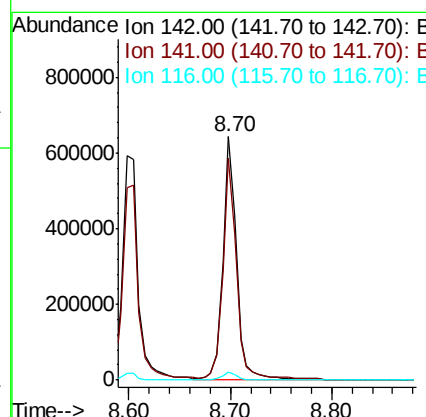
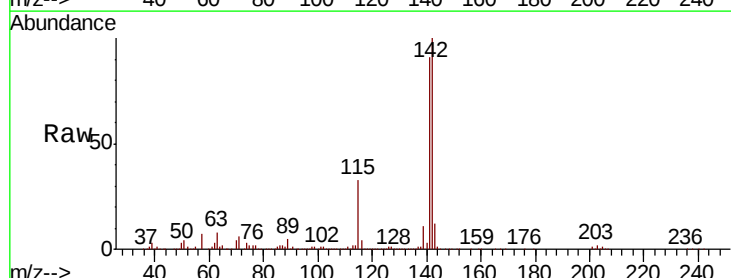
Manual Integrations
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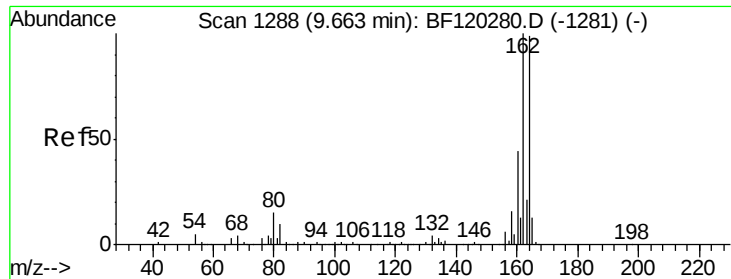
mohammad
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#38
1-Methylnaphthalene
Concen: 20.490 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	604523		
141	91.4	73.0	109.6	
116	3.6	2.7	4.1	





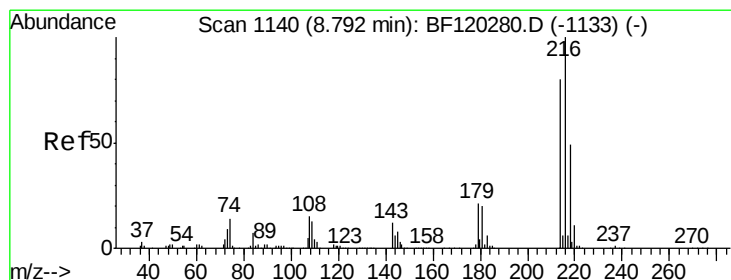
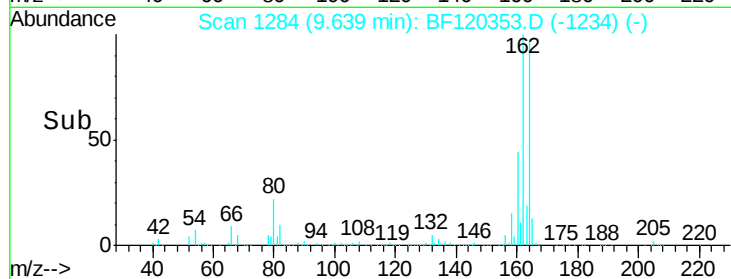
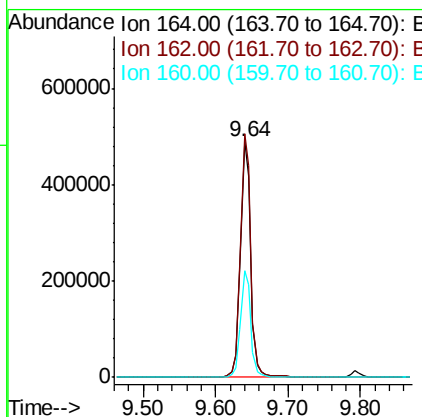
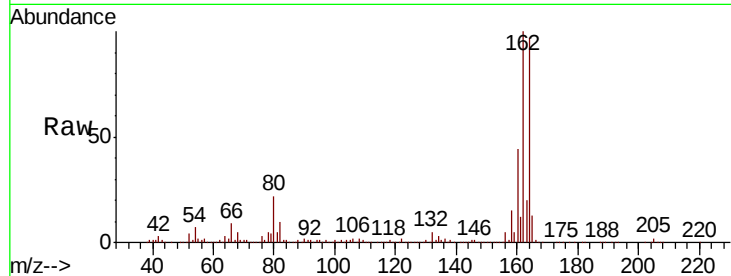
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	81.2	121.8	
160	45.4	35.8	53.6	

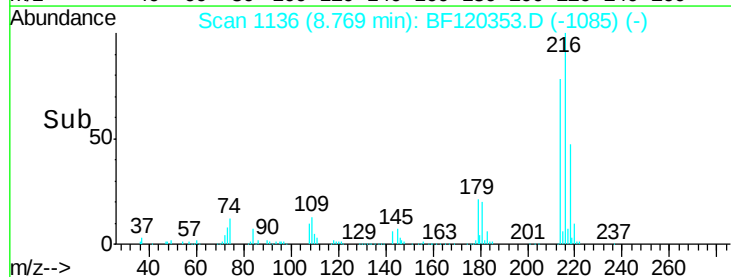
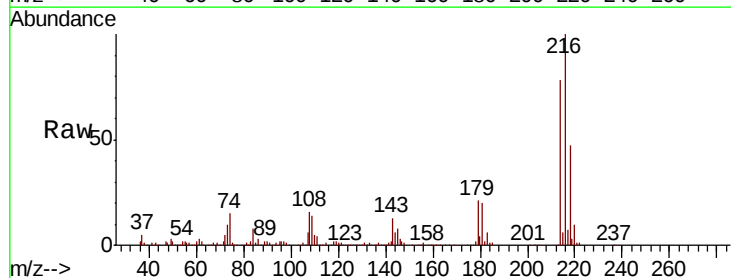
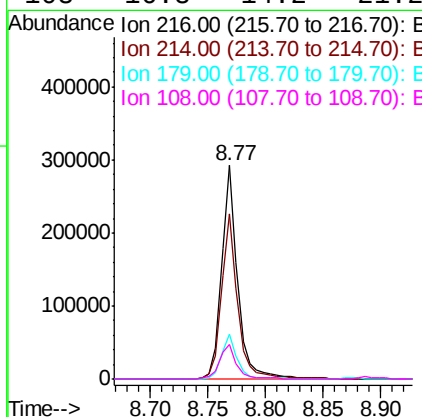
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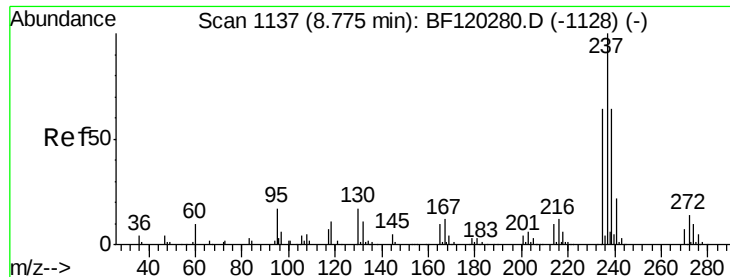
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 23.060 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	64.0	96.0	
179	20.1	16.9	25.3	
108	16.8	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 11.069 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

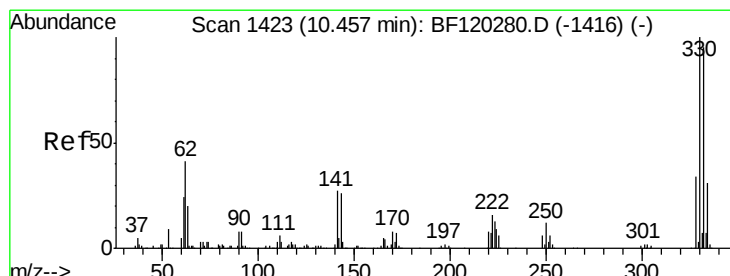
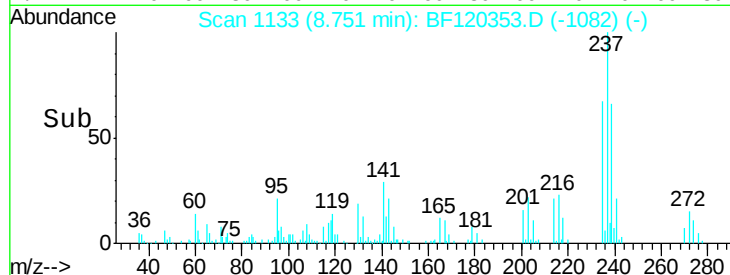
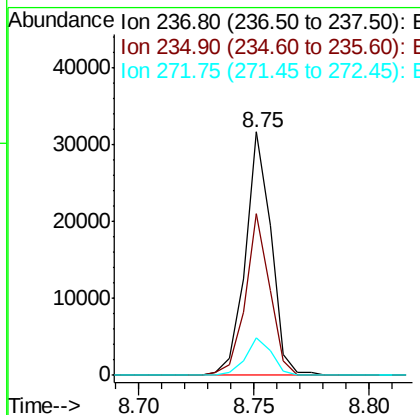
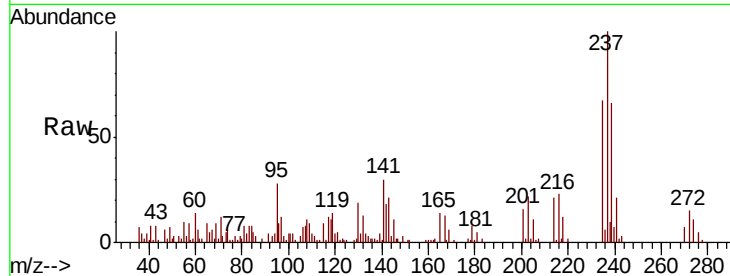
ClientSampleId :

TR-05-051520

Tot Ion:	237	Resp:	24555
Ion Ratio	Lower	Upper	
237	100		
235	66.6	43.8	83.8
272	15.5	0.0	33.9

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 63.065 ng

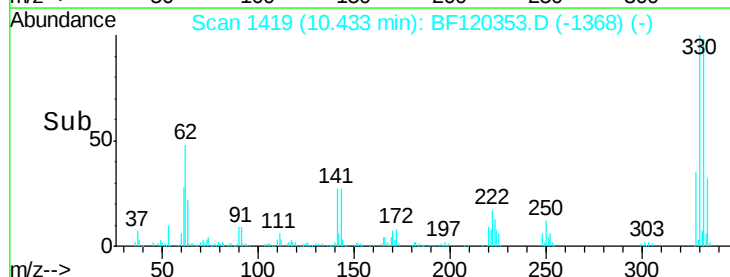
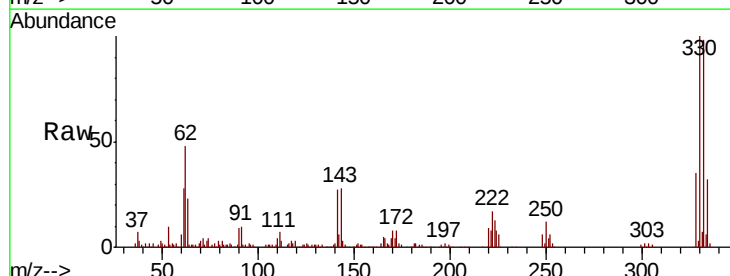
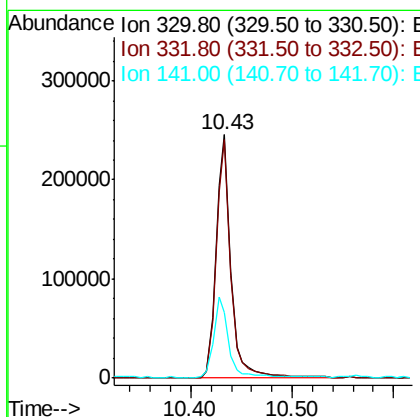
RT: 10.43 min Scan# 1419

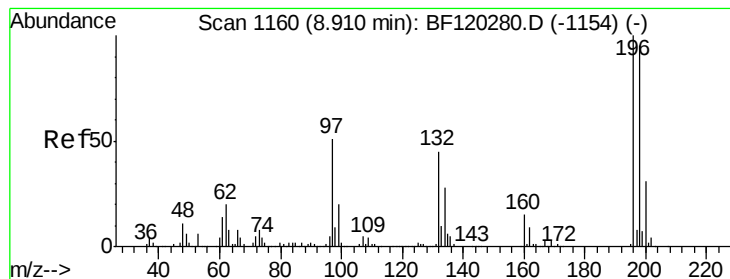
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	330	Resp:	250644
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.5	114.7
141	33.1	25.4	38.0





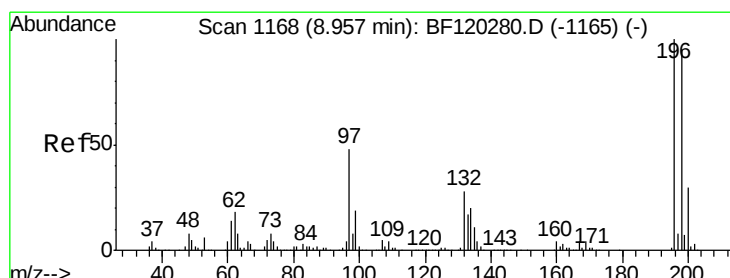
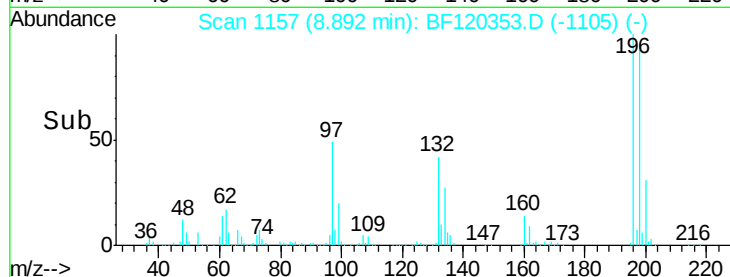
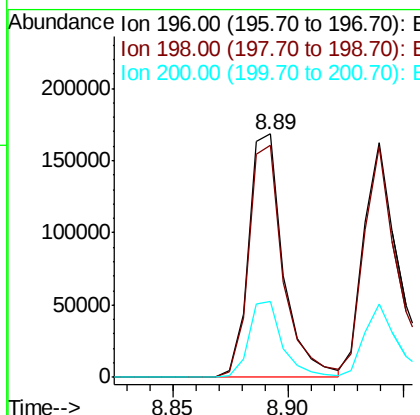
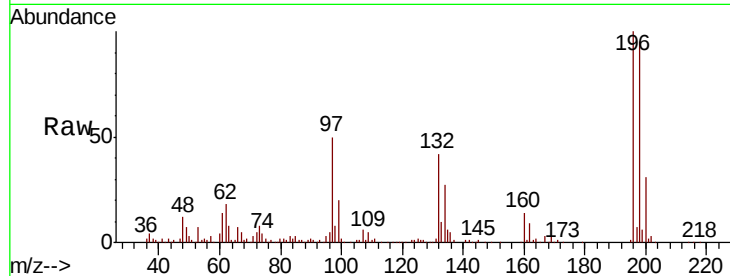
#43
 2,4,6-Trichlorophenol
 Concen: 21.542 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampled :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177728		
198	95.2	76.2	114.4	
200	31.4	24.9	37.3	

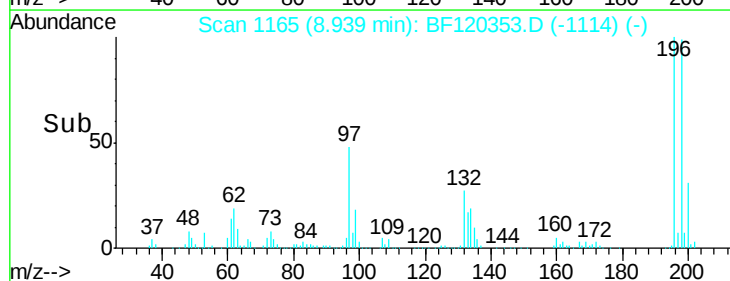
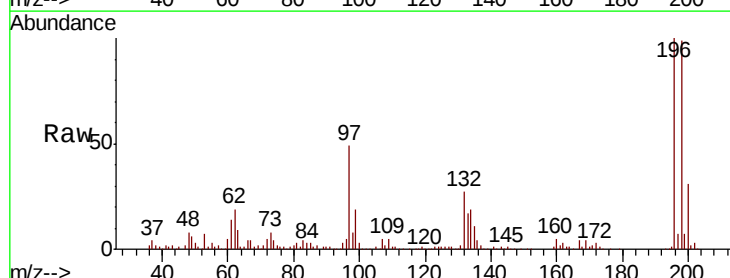
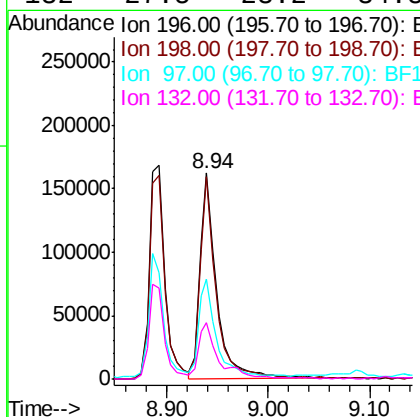
Manual Integrations
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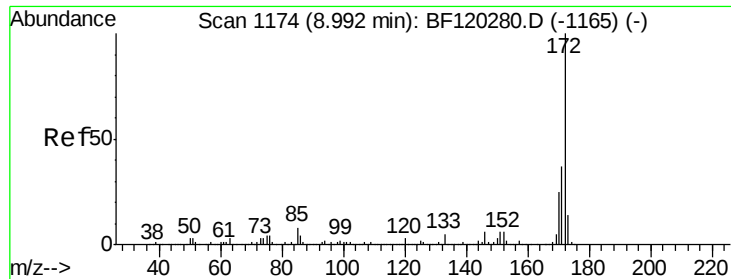
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 19.438 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184173		
198	98.5	76.2	114.4	
97	48.6	38.6	57.8	
132	27.5	23.2	34.8	





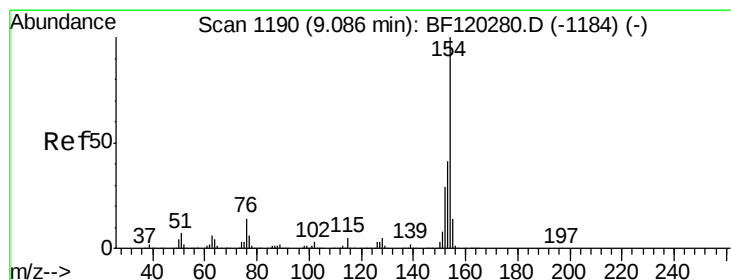
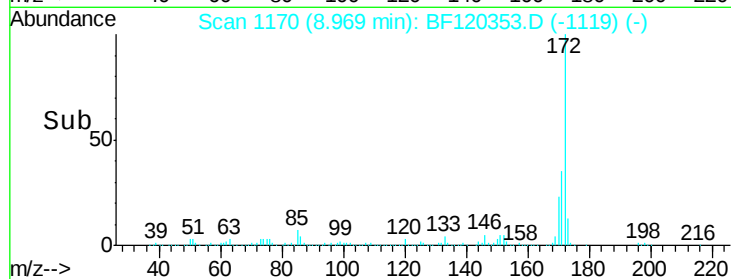
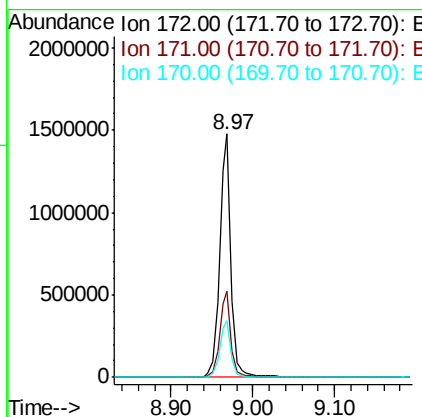
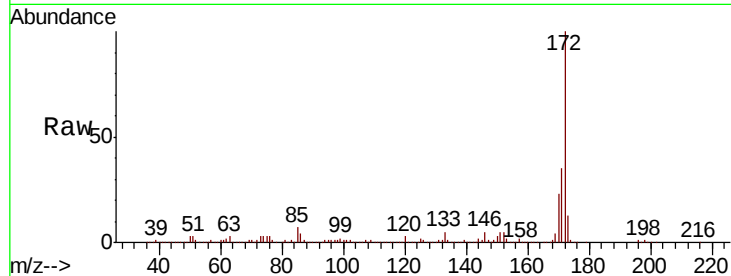
#45
2-Fluorobiphenyl
Concen: 60.049 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.5	19.9	29.9

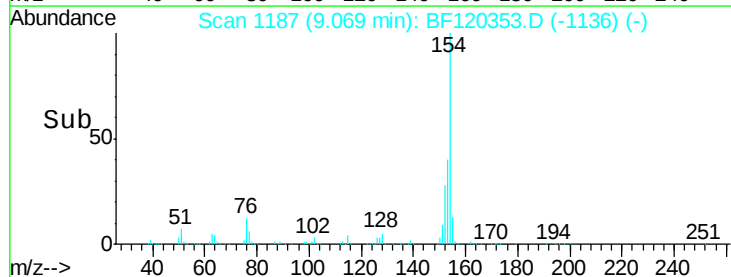
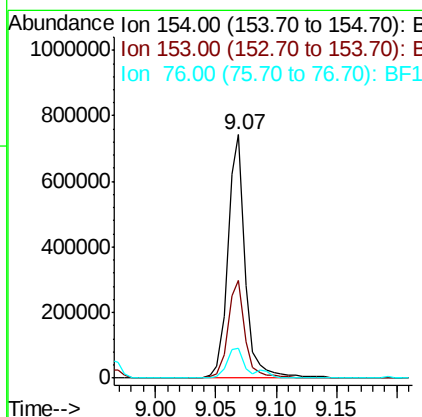
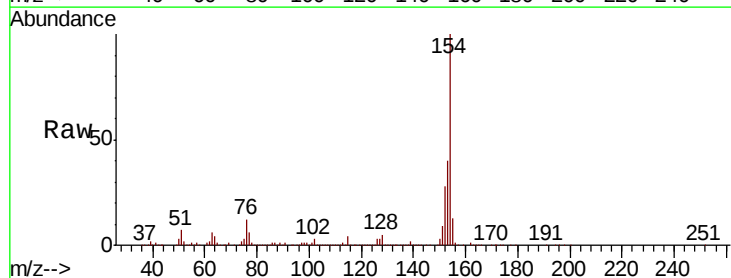
Manual Integrations
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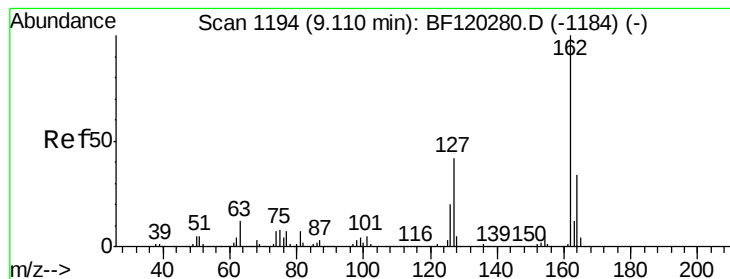
mohammad
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#46
1,1'-Biphenyl
Concen: 23.158 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.4	0.0	34.3





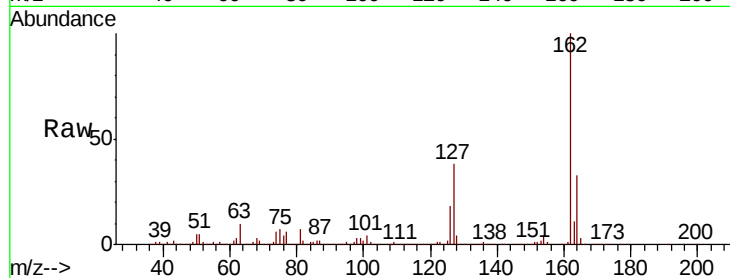
#47
 2-Chloronaphthalene
 Concen: 21.650 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

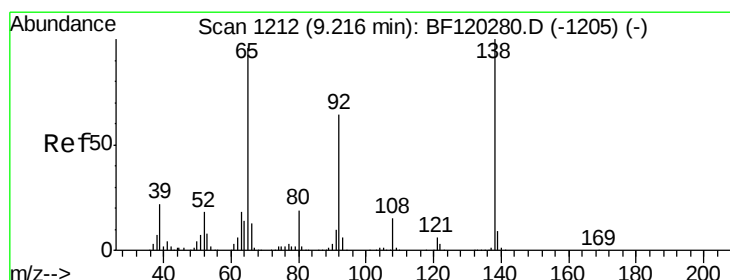
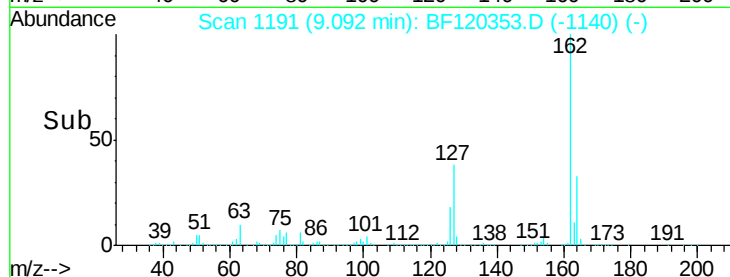
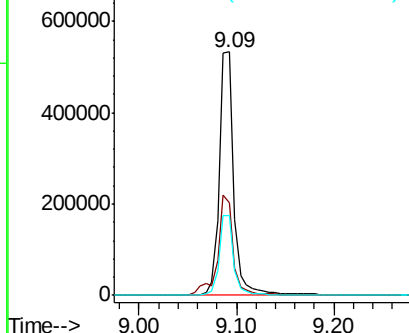
Tot Ion:	162	Resp:	554642
Ion Ratio	Lower	Upper	
162	100		
127	38.0	33.4	50.0
164	32.8	27.0	40.6

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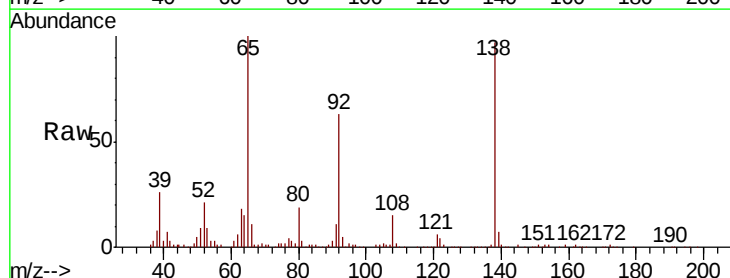


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

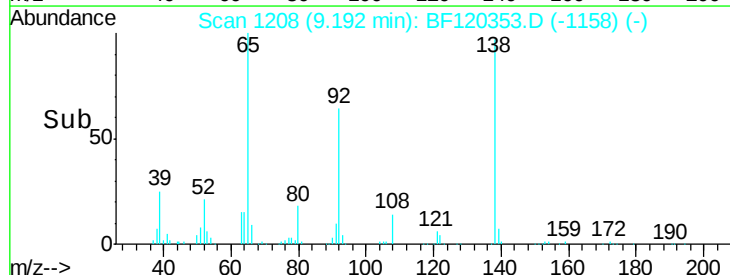
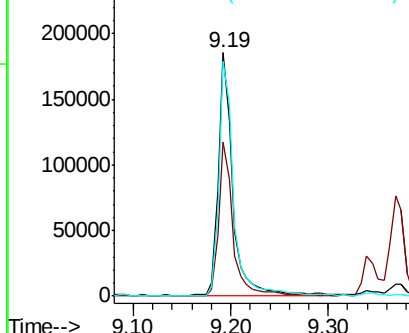


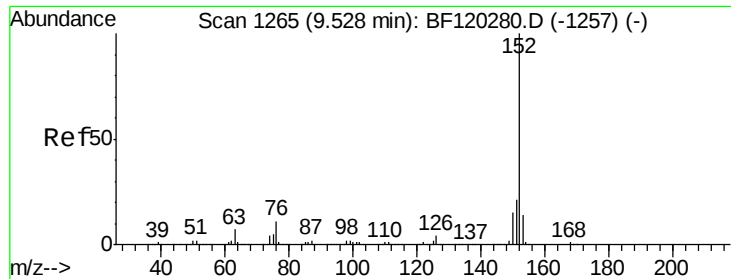
#48
 2-Nitroaniline
 Concen: 20.297 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:	65	Resp:	189728
Ion Ratio	Lower	Upper	
65	100		
92	63.4	52.9	79.3
138	96.5	83.0	124.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





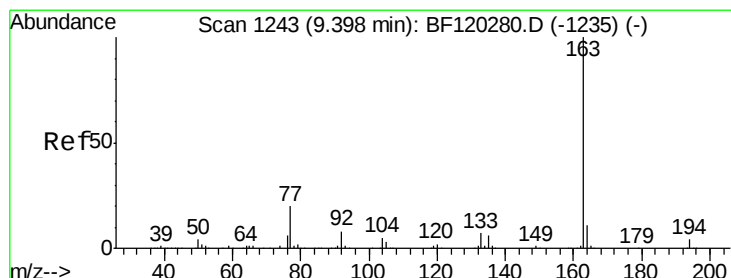
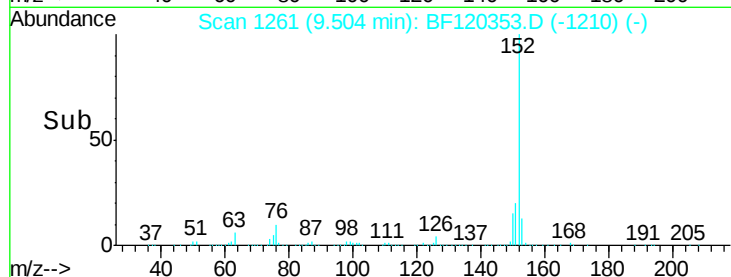
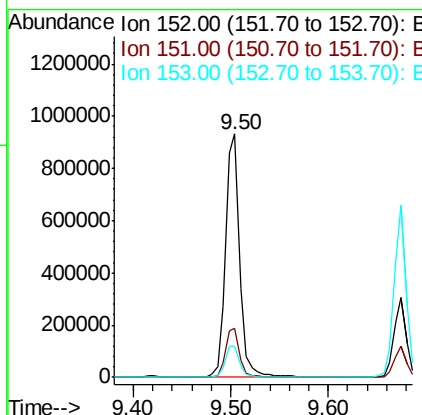
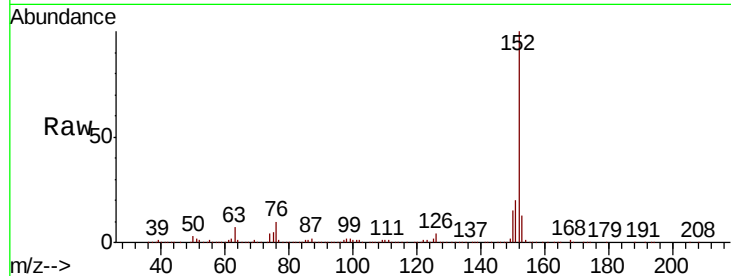
#49
Acenaphthylene
Concen: 23.977 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	25.0
153	12.9	11.1	16.7

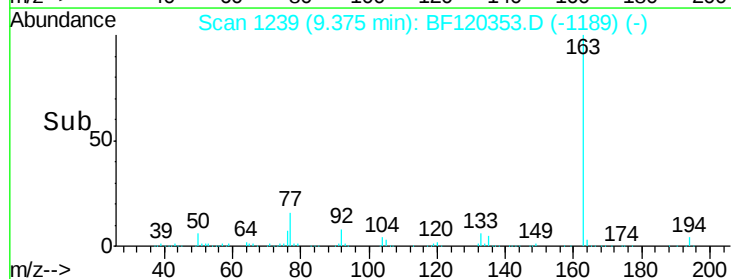
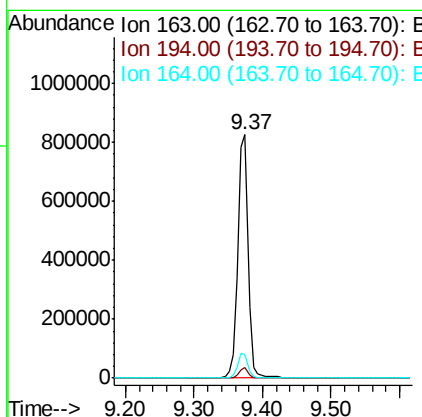
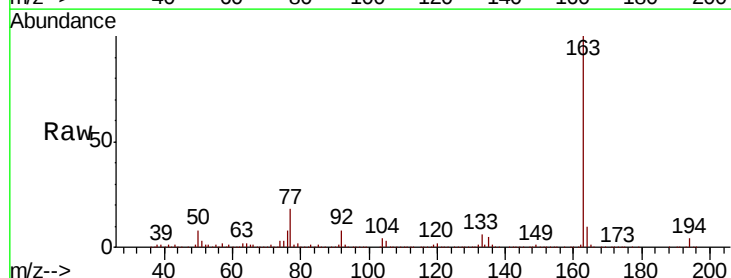
Manual Integrations
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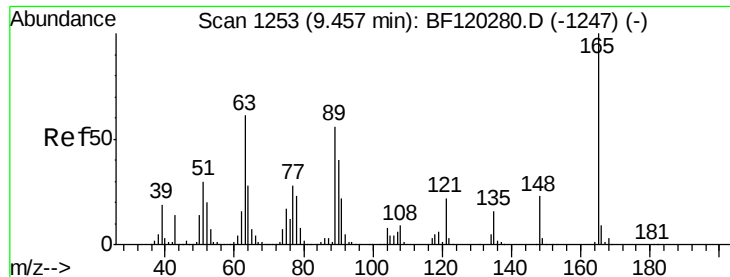
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#50
Dimethylphthalate
Concen: 27.516 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.5	8.6	12.8





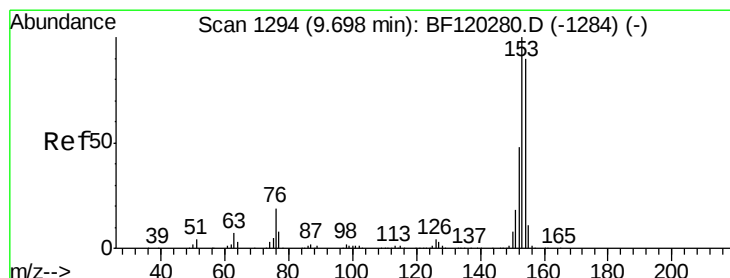
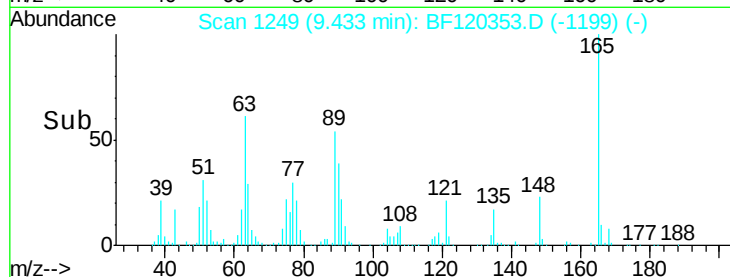
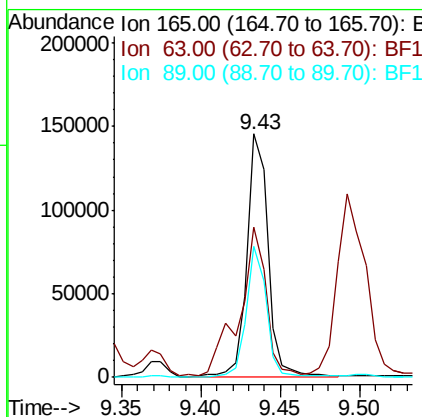
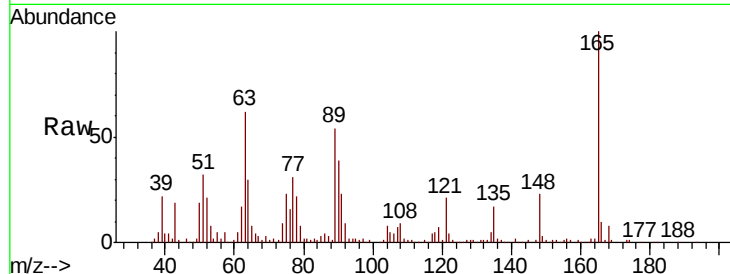
#51
2,6-Dinitrotoluene
Concen: 19.287 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132645		
63	61.9	50.2	75.2	
89	53.6	44.6	66.8	

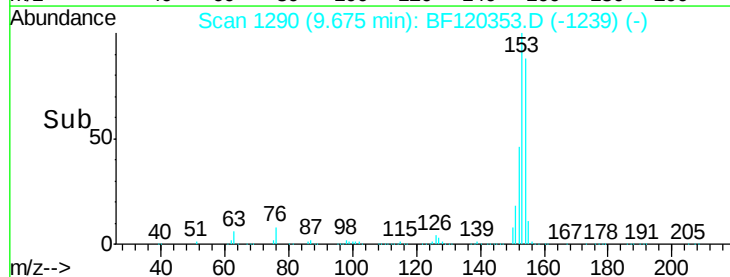
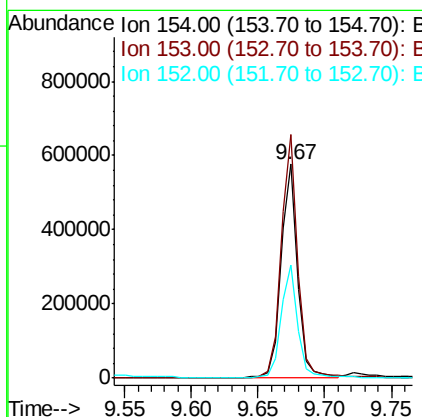
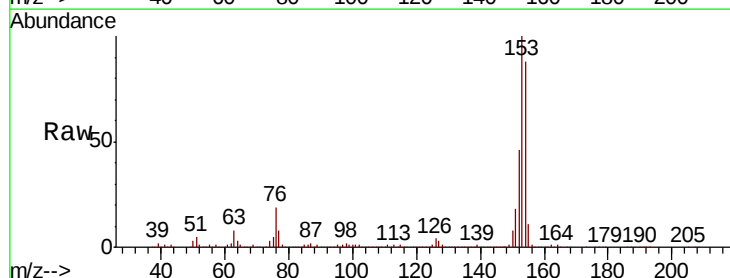
Manual Integrations
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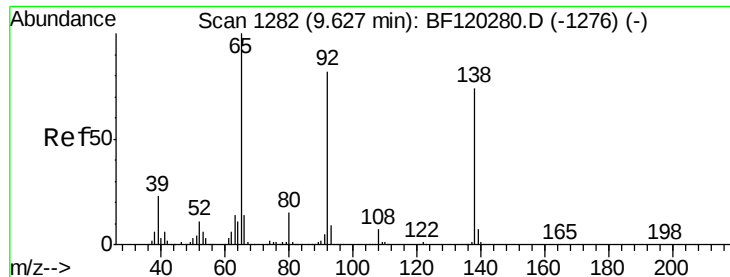
mohammad
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#52
Acenaphthene
Concen: 21.624 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	507231		
153	113.8	89.0	133.4	
152	52.9	42.6	64.0	





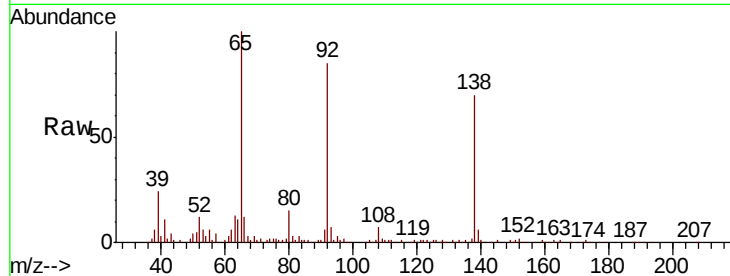
#53
3-Nitroaniline
Concen: 11.551 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.2
92	120.8	89.6	134.4

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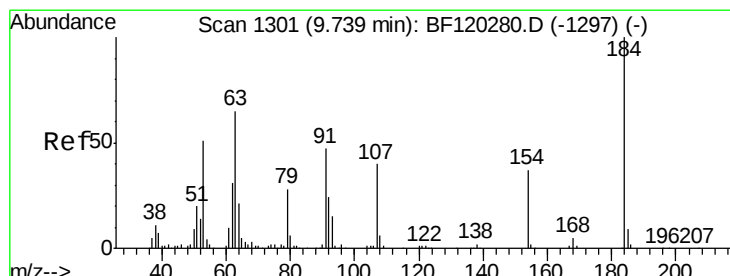
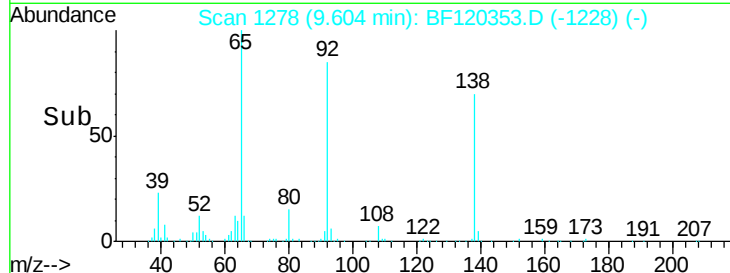
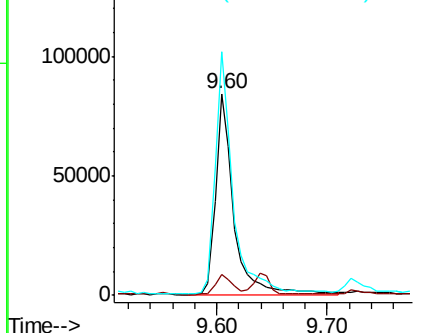


Abundance

Ion 138.00 (137.70 to 138.70): E

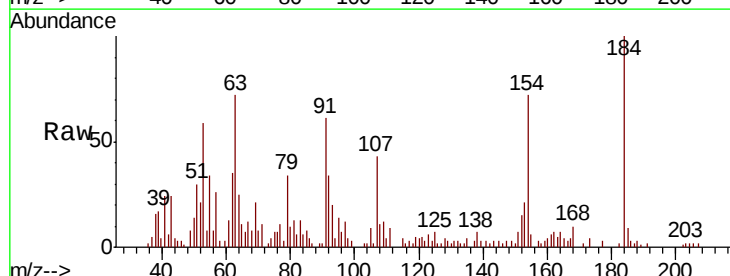
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 10.599 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.1	53.6	80.4
154	72.5	46.8	70.2#

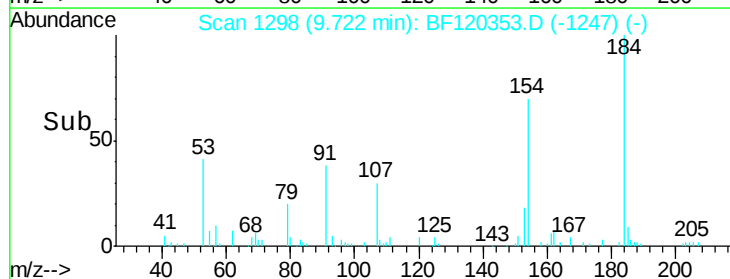
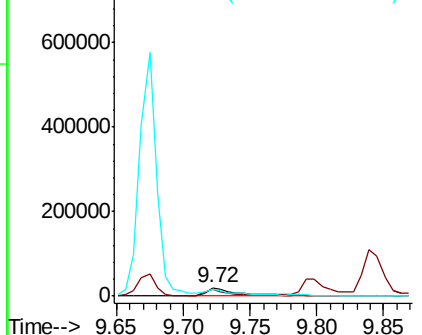


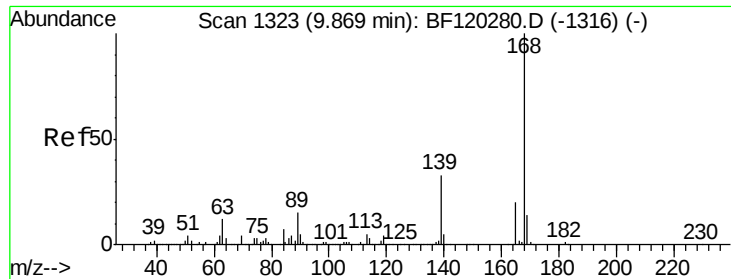
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





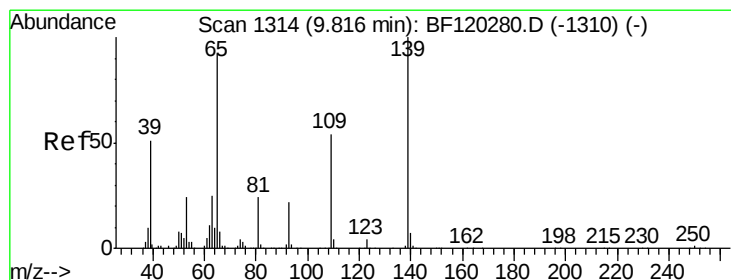
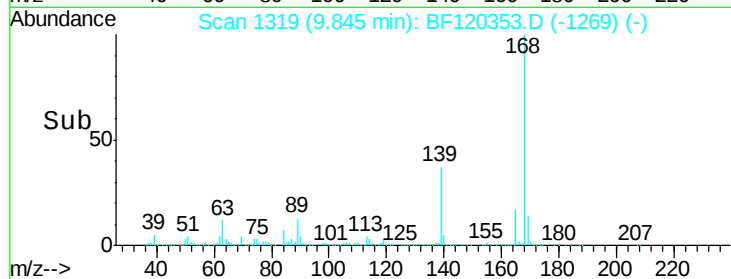
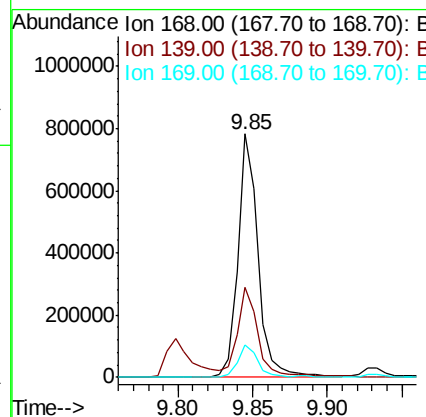
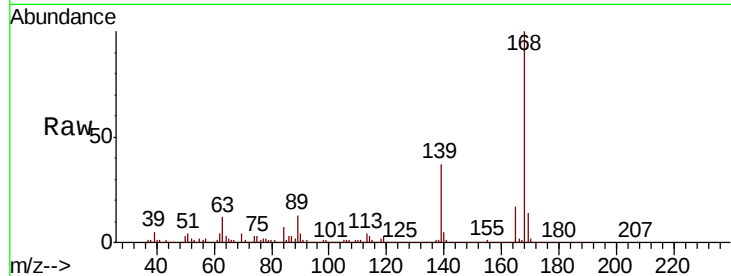
#55
Dibenzofuran
Concen: 22.051 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampled :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6
169	13.6	11.0	16.6

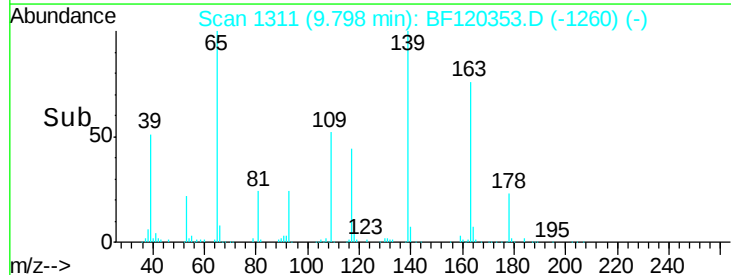
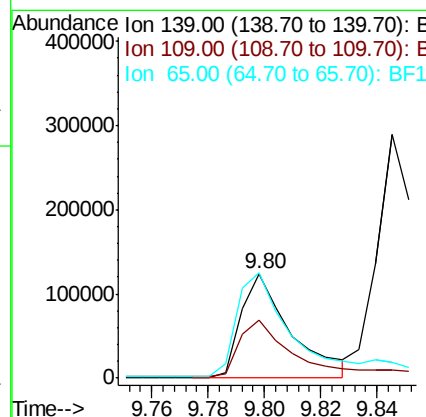
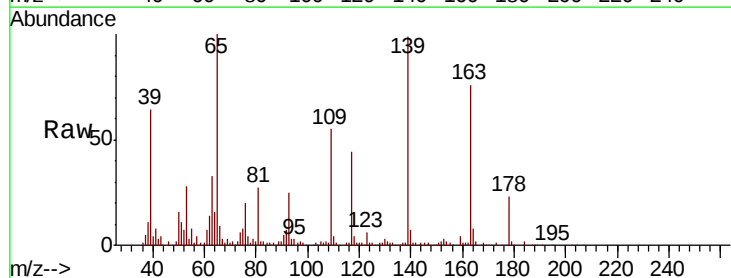
Manual Integrations
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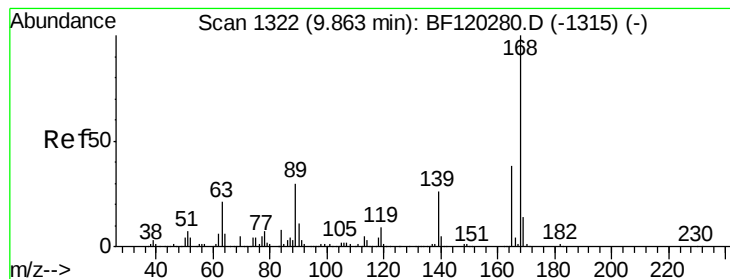
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#56
4-Nitrophenol
Concen: 34.075 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.1	34.6	74.6
65	101.1	73.3	113.3





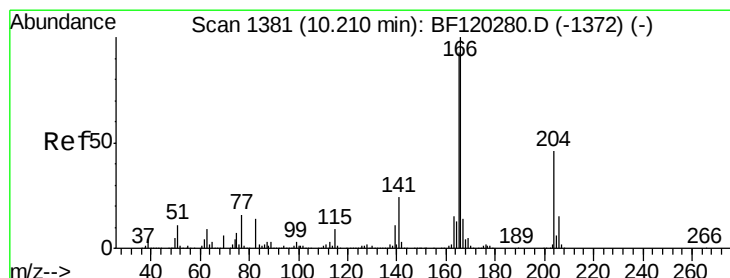
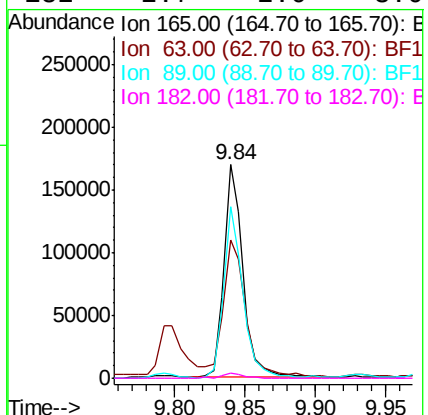
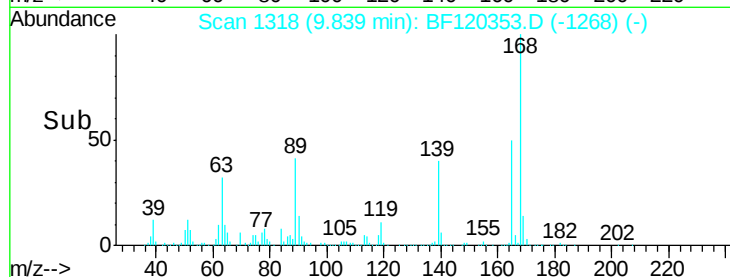
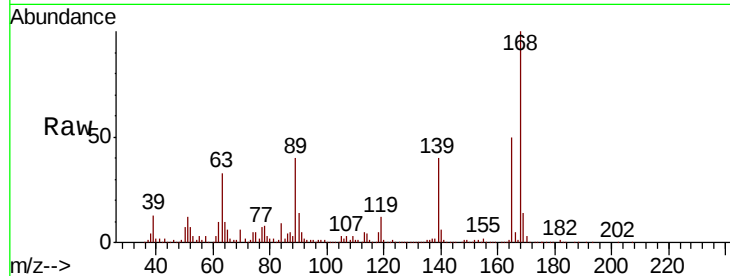
#57
 2,4-Dinitrotoluene
 Concen: 19.698 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
165	100	158910		
63	65.0	51.8	77.8	
89	80.3	64.2	96.4	
182	2.7	2.0	3.0	

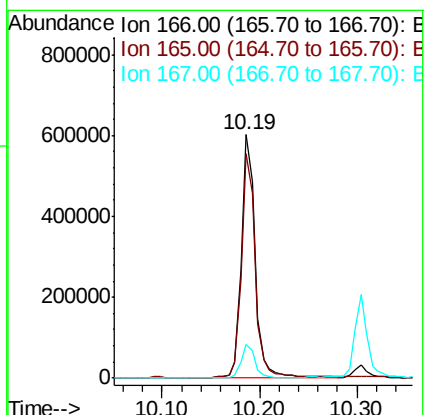
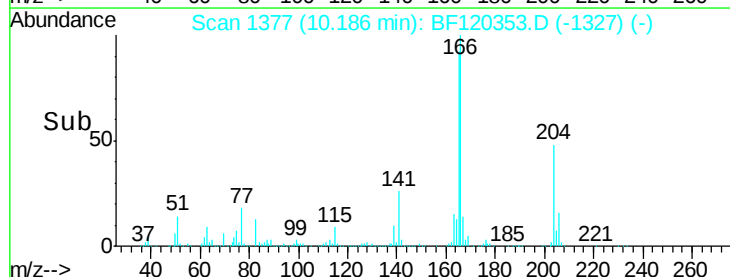
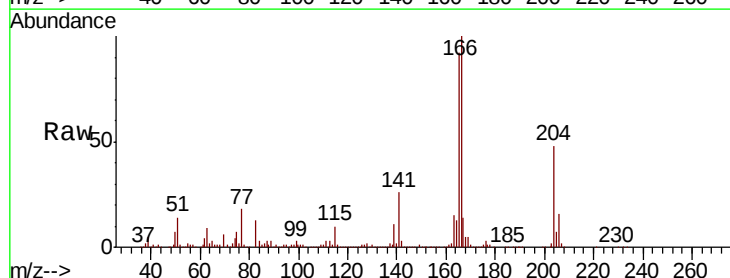
Manual Integrations
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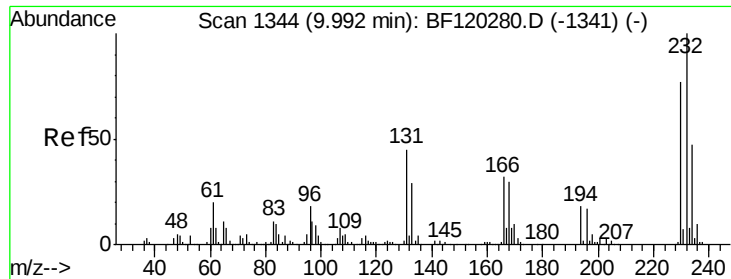
mohammad
 5/19/2020 3:05:33 PM



#58
 Fluorene
 Concen: 22.893 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	588930		
165	91.9	74.7	112.1	
167	13.9	11.4	17.0	





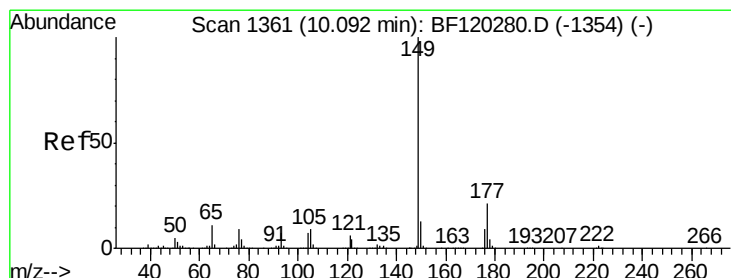
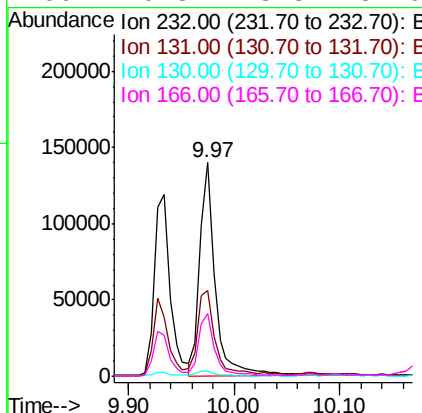
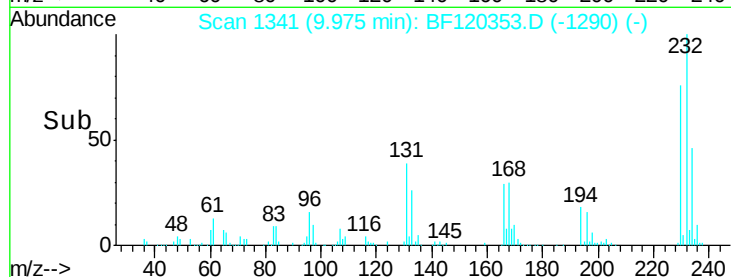
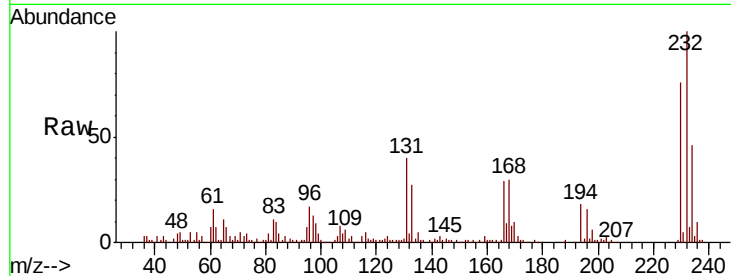
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 19.819 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		141319		
131	44.0	34.1	51.1		
130	2.4	1.7	2.5		
166	29.3	23.3	34.9		

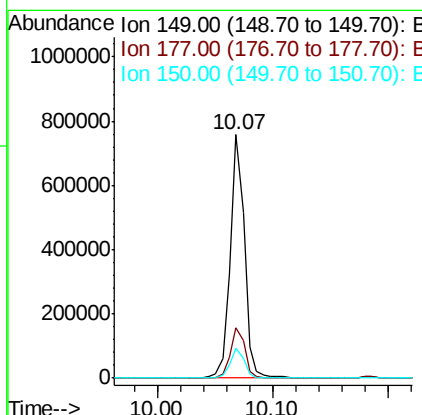
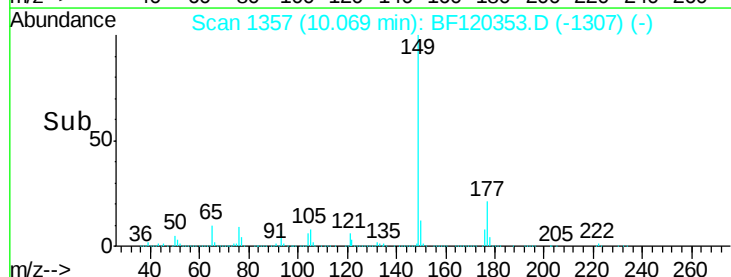
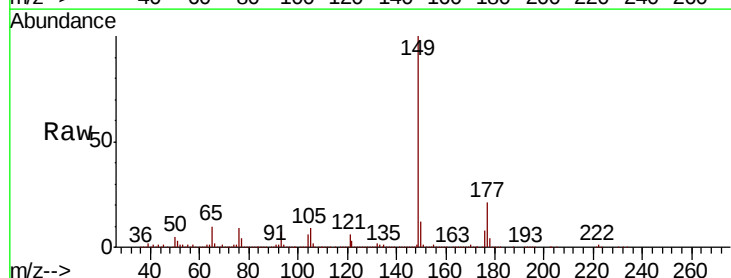
Manual Integrations
 APPROVED

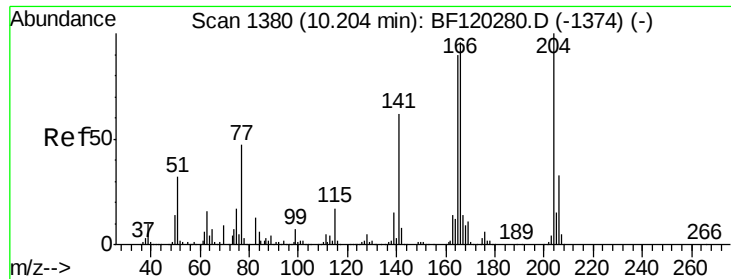
mohammad
 5/19/2020 3:05:33 PM



#60
 Diethylphthalate
 Concen: 21.646 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		643923		
177	20.7	17.1	25.7		
150	12.4	10.3	15.5		





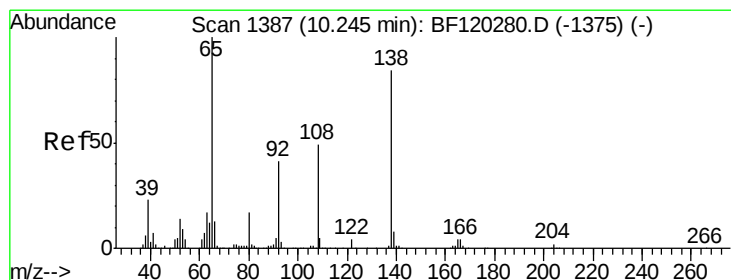
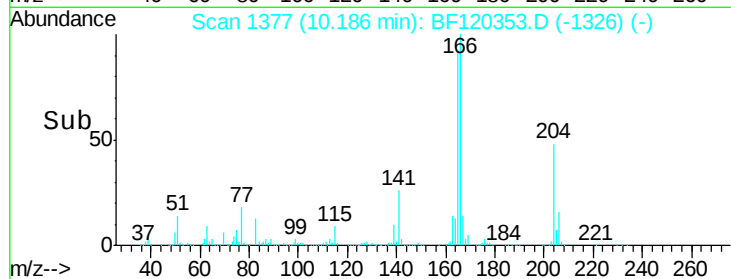
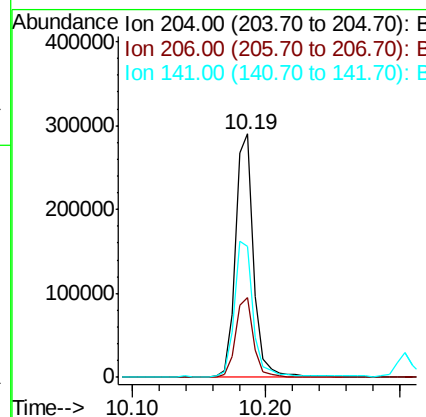
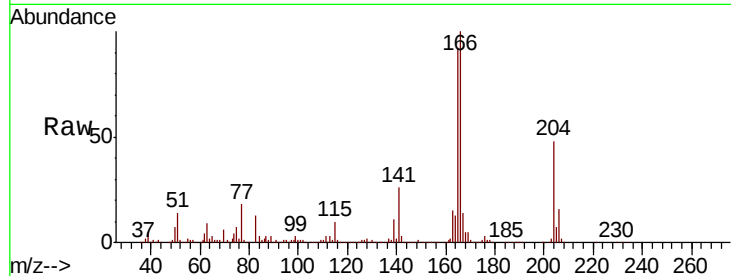
#61
4-Chlorophenyl-phenylether
Concen: 20.962 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
204	100	280372		
206	32.7	26.8	40.2	
141	53.8	49.5	74.3	

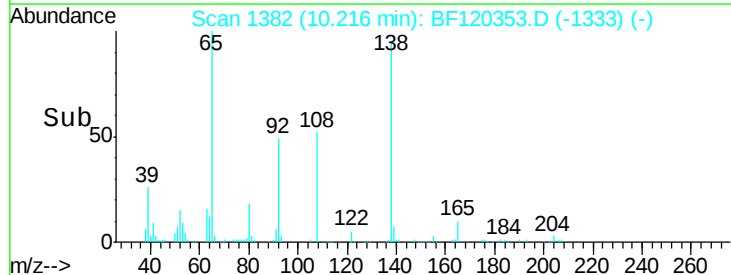
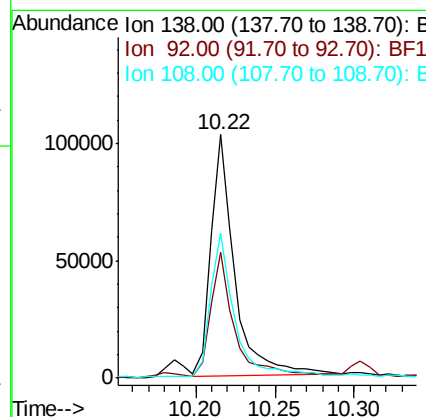
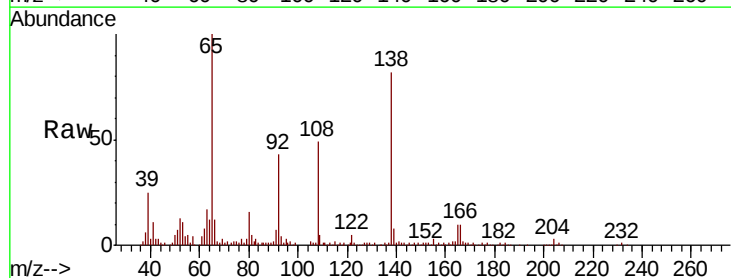
Manual Integrations
APPROVED

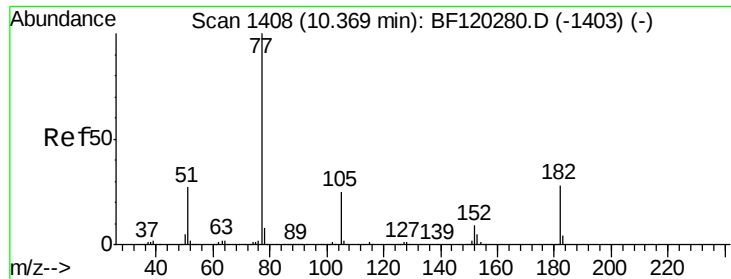
mohammad
5/19/2020 3:05:33 PM



#62
4-Nitroaniline
Concen: 14.176 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	108261		
92	51.6	28.9	68.9	
108	59.7	38.4	78.4	





#63

Azobenzene

Concen: 19.688 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

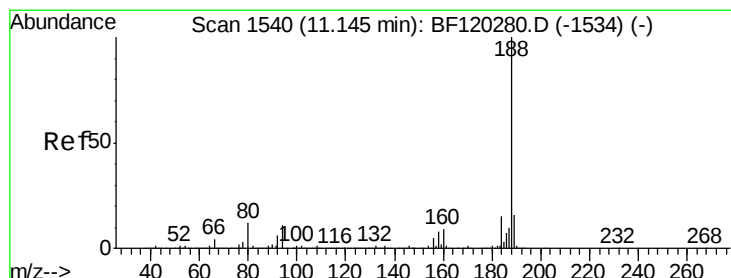
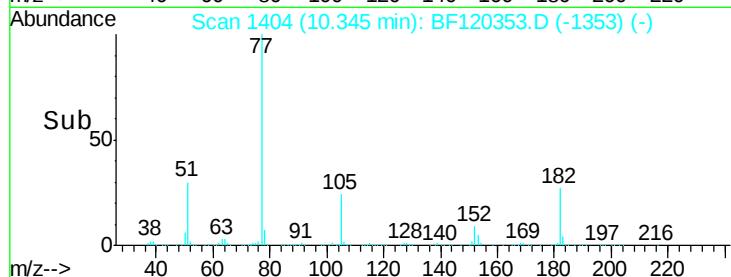
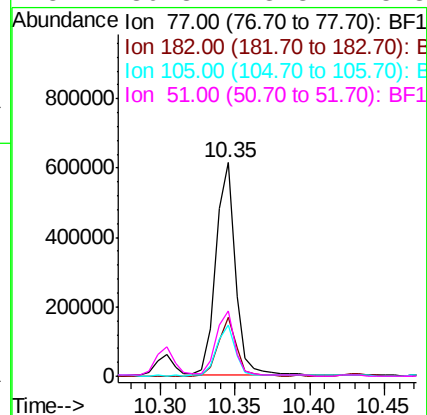
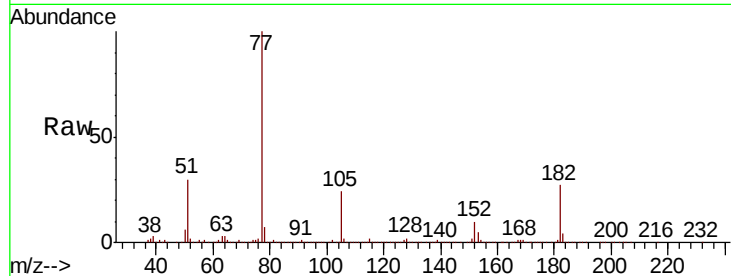
ClientSampleId :

TR-05-051520

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.4	47.4
105	23.8	4.4	44.4
51	30.3	8.3	48.3

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

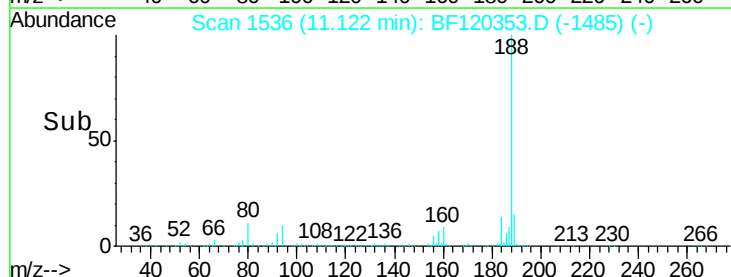
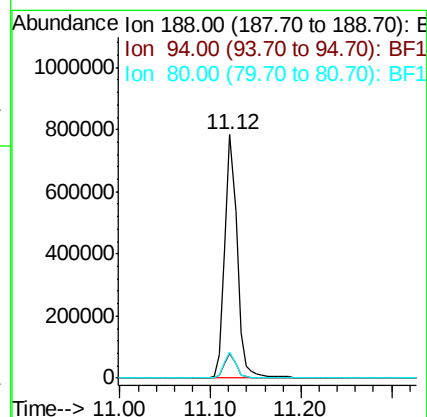
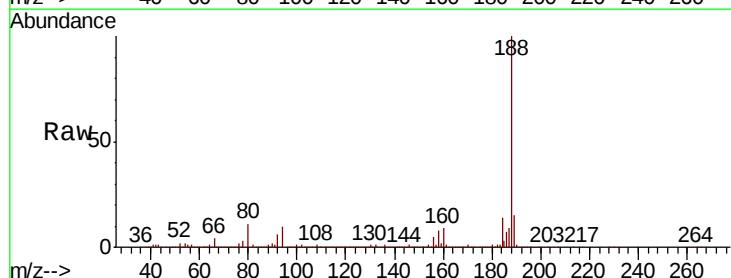
RT: 11.12 min Scan# 1536

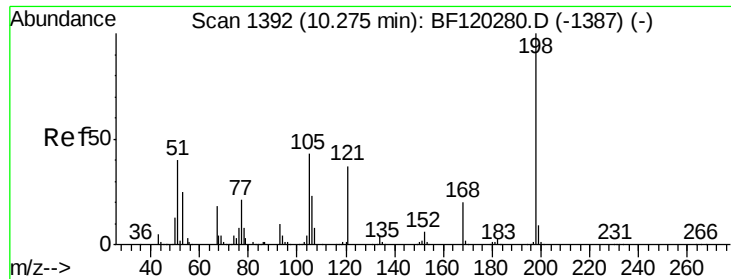
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.6	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 10.418 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

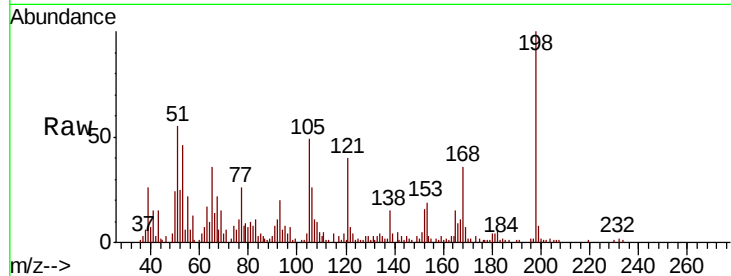
ClientSampleId :

TR-05-051520

Tot Ion:	198	Resp:	38893
Ion Ratio	Lower	Upper	
198	100		
51	55.2	27.1	67.1
105	48.5	24.3	64.3

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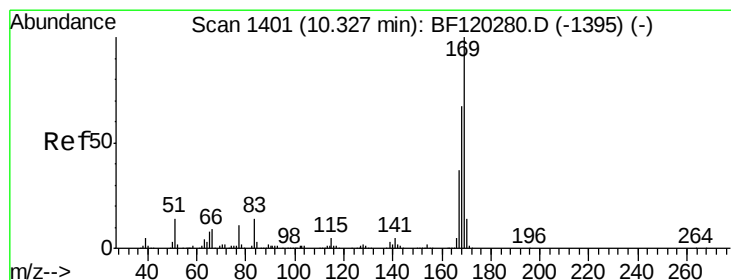
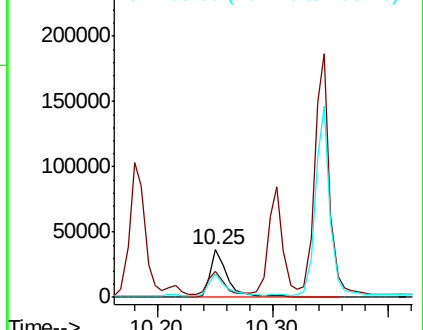
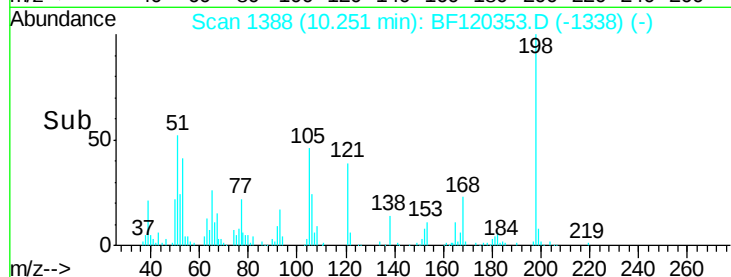
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 24.798 ng

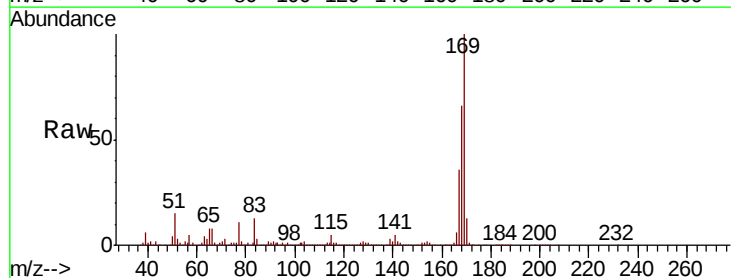
RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

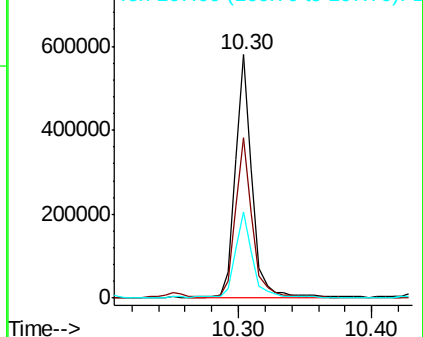
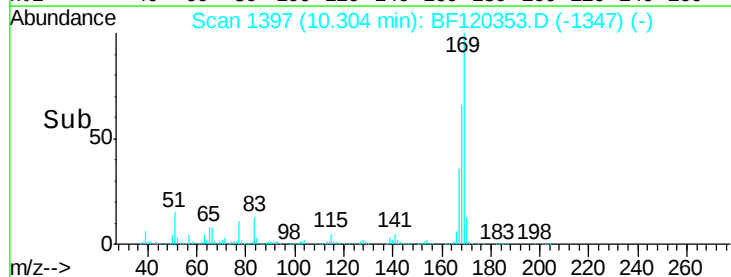
Tgt Ion:	169	Resp:	506452
Ion Ratio	Lower	Upper	
169	100		
168	66.1	53.7	80.5
167	35.6	29.8	44.6

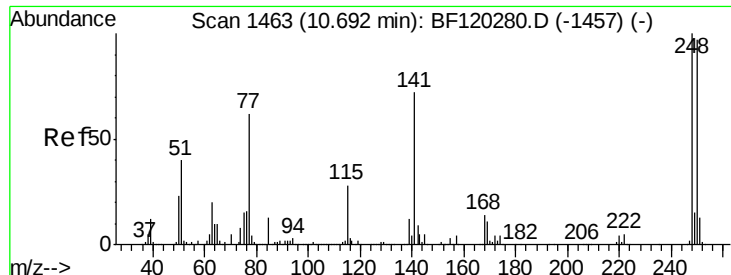


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





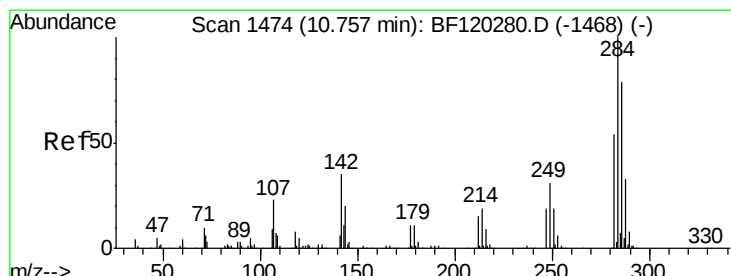
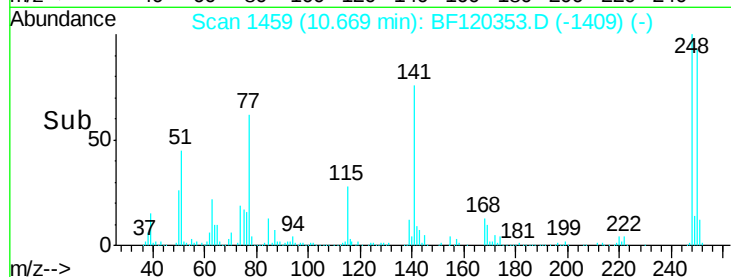
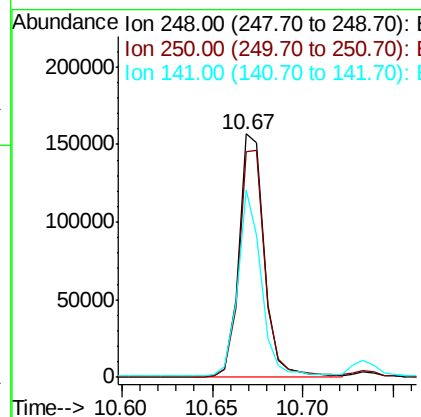
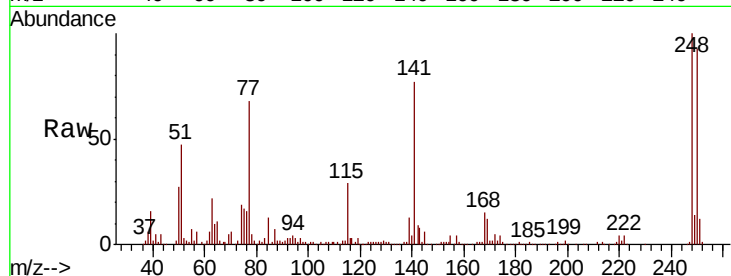
#67
 4-Bromophenyl-phenylether
 Concen: 21.491 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion:	248	Resp:	153951
Ion Ratio	Lower	Upper	
248	100		
250	92.8	77.8	116.6
141	76.9	57.7	86.5

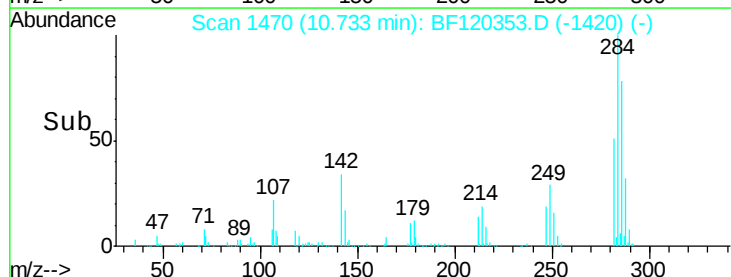
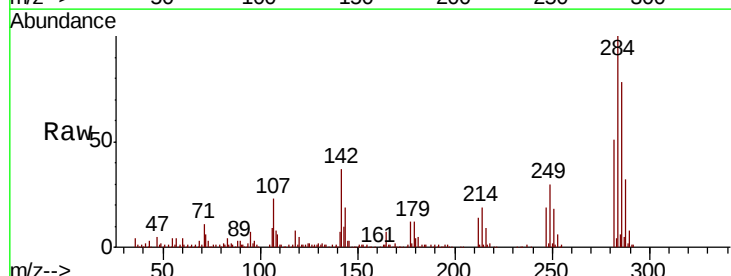
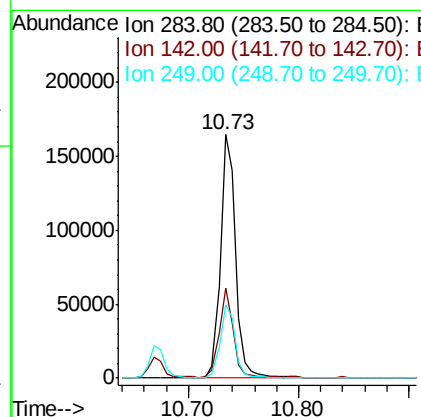
Manual Integrations
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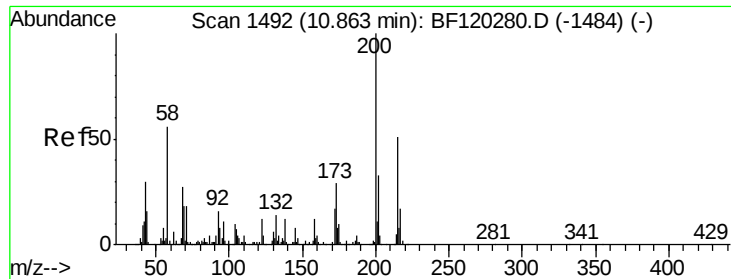
mohammad
 5/19/2020 3:05:33 PM



#68
 Hexachlorobenzene
 Concen: 20.860 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:	284	Resp:	156325
Ion Ratio	Lower	Upper	
284	100		
142	37.1	28.5	42.7
249	30.4	24.8	37.2





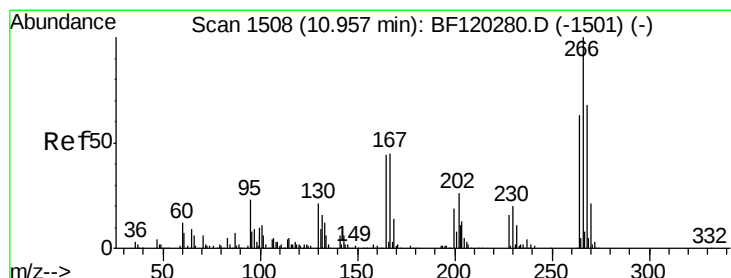
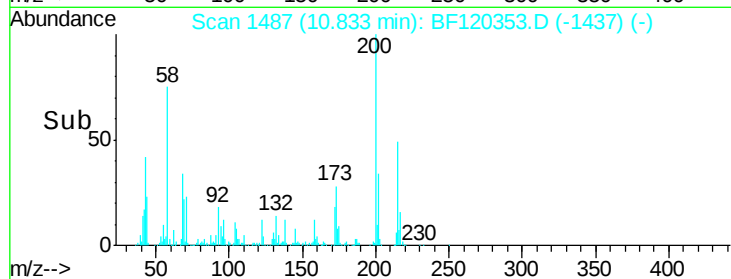
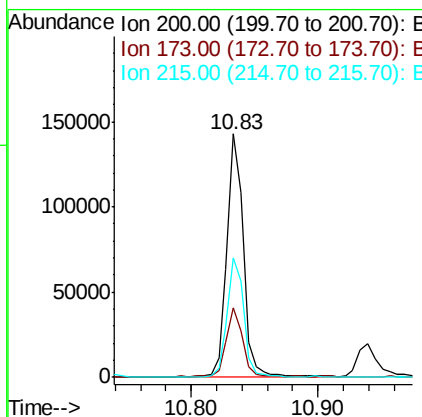
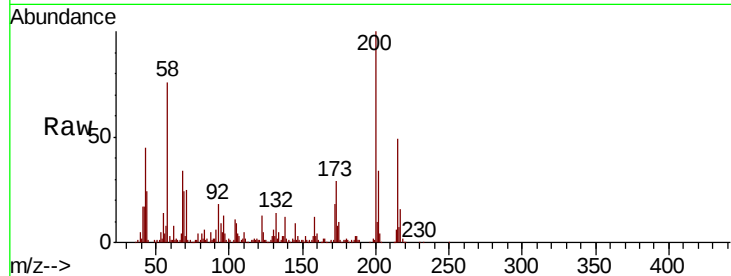
#69
Atrazine
Concen: 21.285 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
200	100	130075		
173	28.6	8.7	48.7	
215	49.1	30.6	70.6	

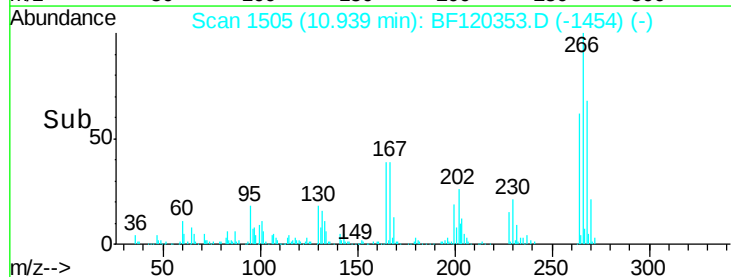
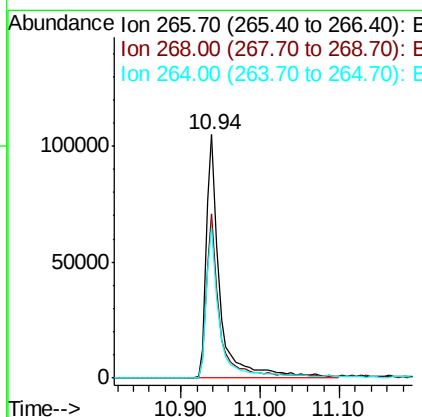
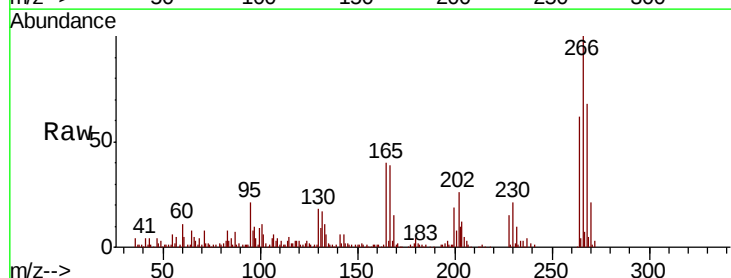
Manual Integrations
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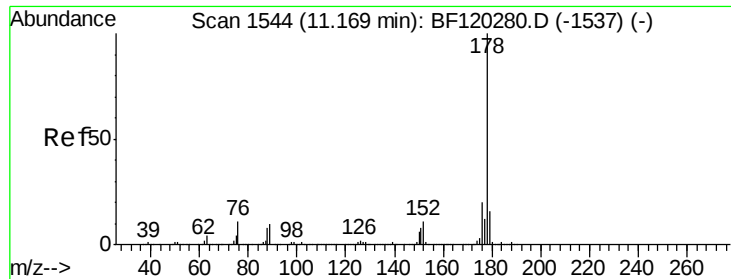
mohammad
5/19/2020 3:05:33 PM



#70
Pentachlorophenol
Concen: 40.034 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	127603		
268	67.6	54.2	81.4	
264	61.9	50.2	75.4	





#71

Phenanthrene

Concen: 27.213 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

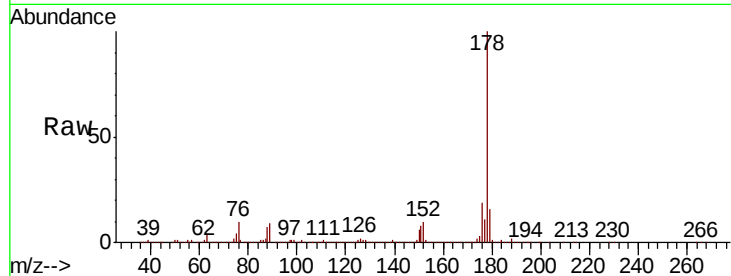
ClientSampleId :

TR-05-051520

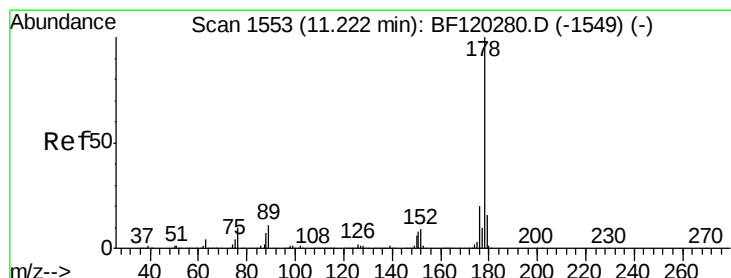
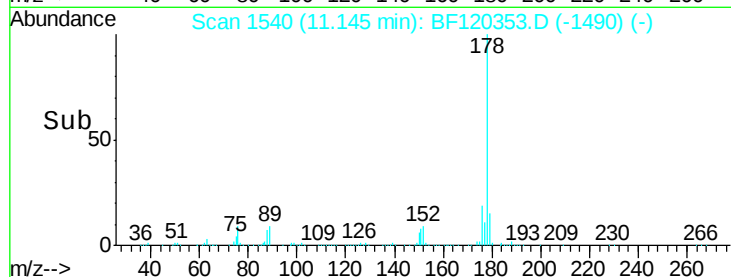
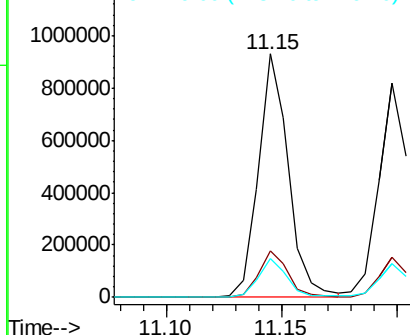
Tot Ion:178	Resp:	844138
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.8 23.8
179	15.9	12.8 19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 23.936 ng

RT: 11.20 min Scan# 1549

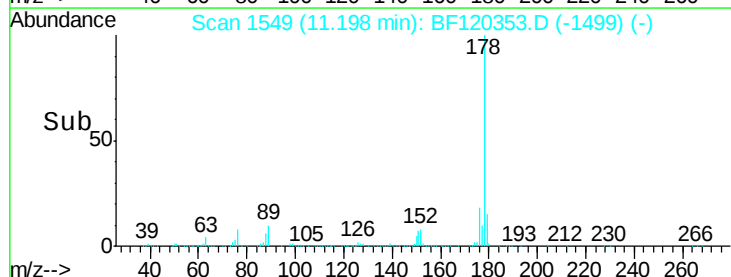
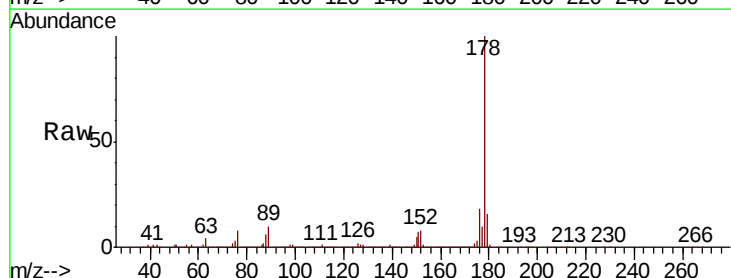
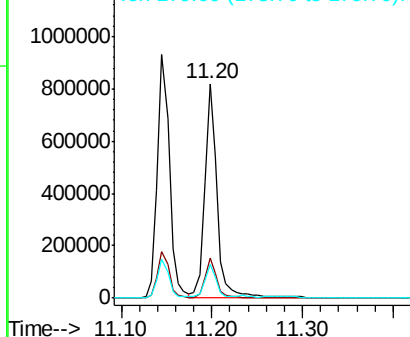
Delta R.T. -0.01 min

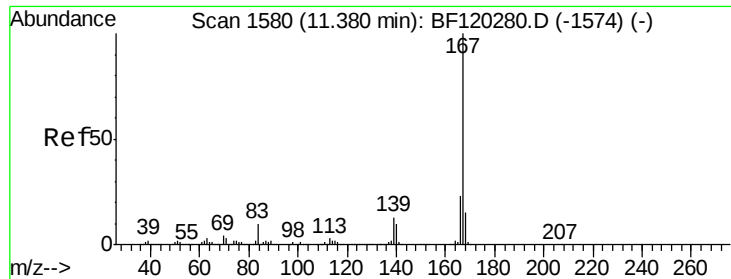
Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:178	Resp:	794880
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.7 23.5
179	15.7	13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





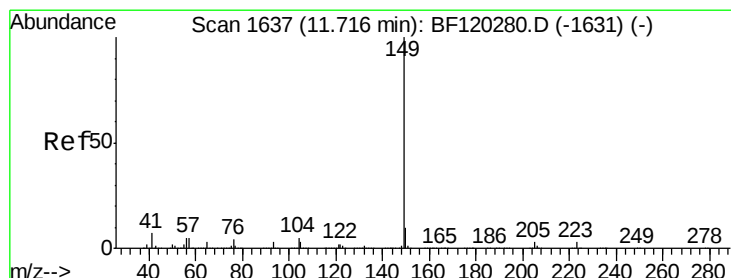
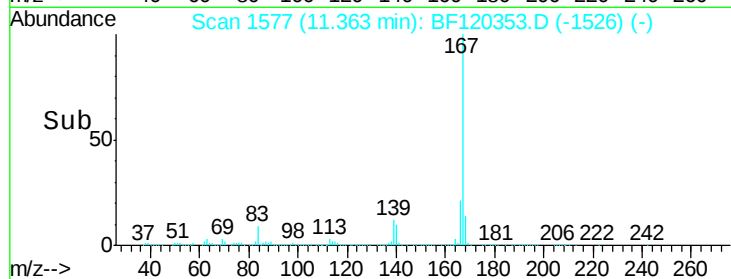
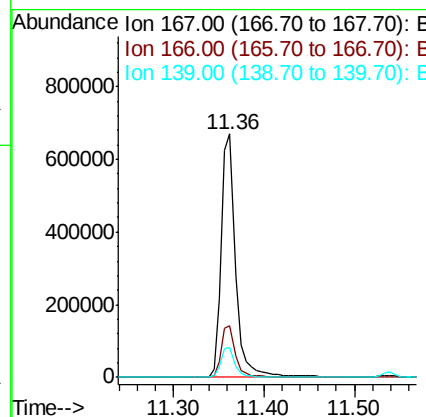
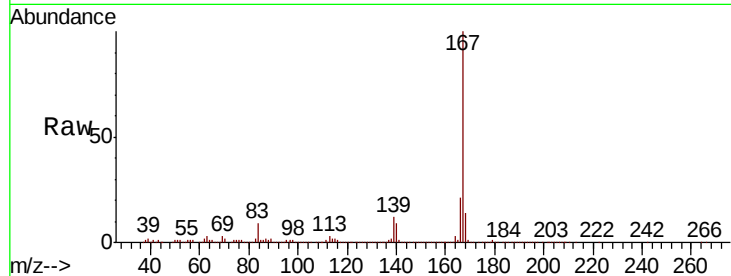
#73
 Carbazole
 Concen: 23.480 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion:	167	Resp:	728522
Ion Ratio	Lower	Upper	
167	100		
166	21.2	18.1	27.1
139	12.0	10.6	15.8

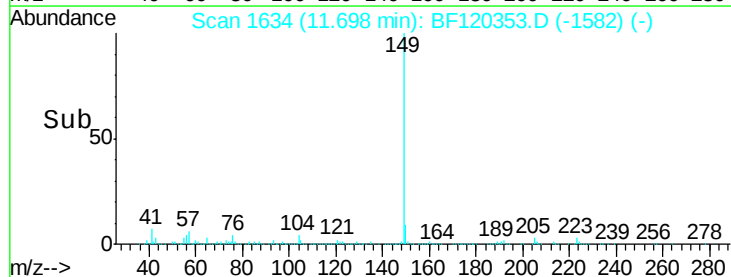
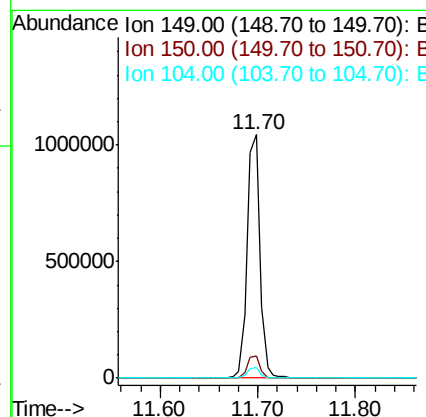
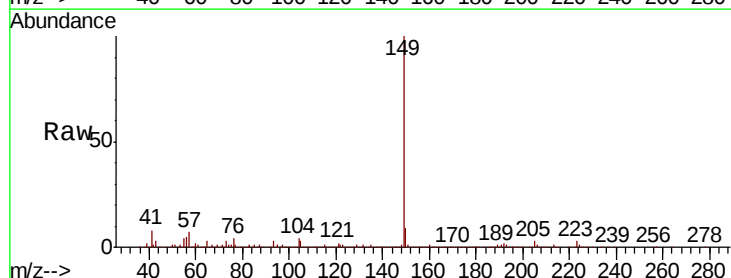
Manual Integrations
 APPROVED

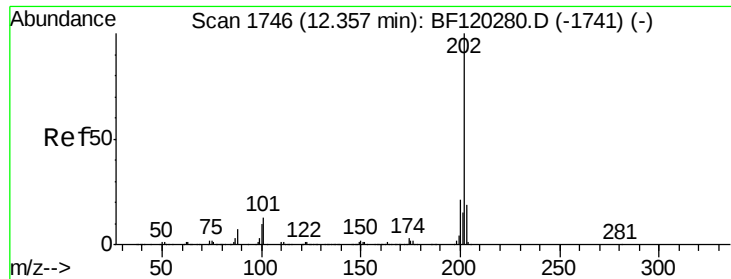
mohammad
 5/19/2020 3:05:33 PM



#74
 Di-n-butylphthalate
 Concen: 25.625 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:	149	Resp:	958248
Ion Ratio	Lower	Upper	
149	100		
150	9.1	8.2	12.4
104	4.2	3.8	5.8





#75

Fluoranthene

Concen: 27.872 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

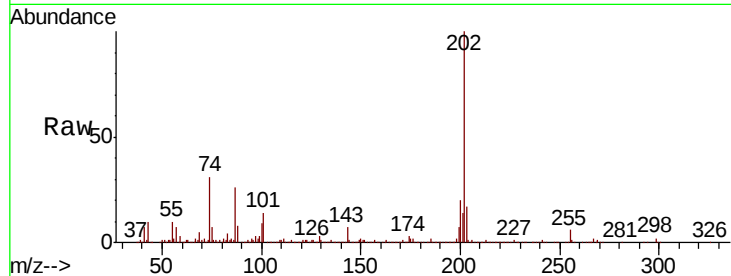
ClientSampleId :

TR-05-051520

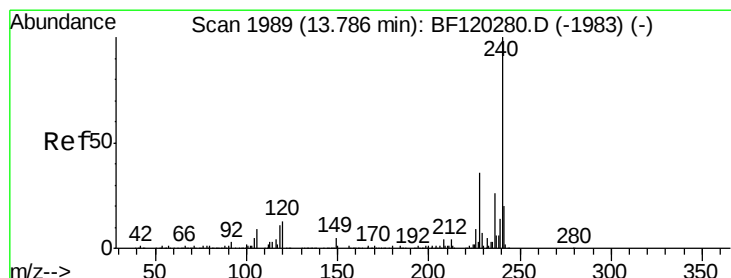
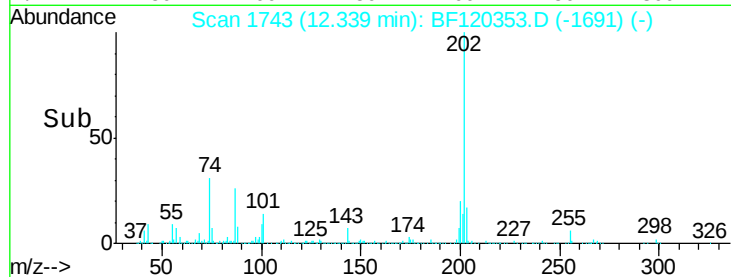
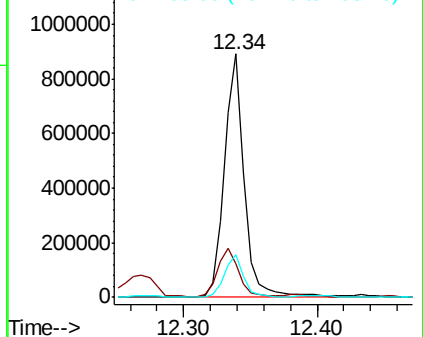
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		926702		
101	13.7	0.0	33.2		
203	17.5	0.0	39.1		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

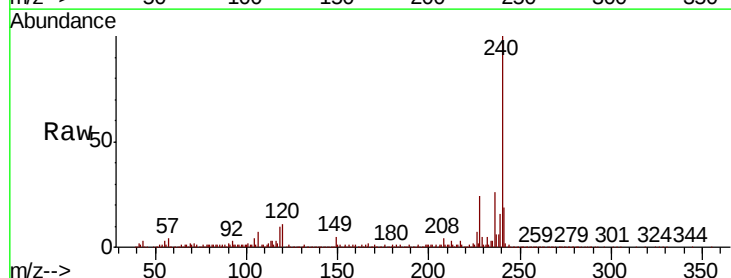
RT: 13.76 min Scan# 1985

Delta R.T. -0.00 min

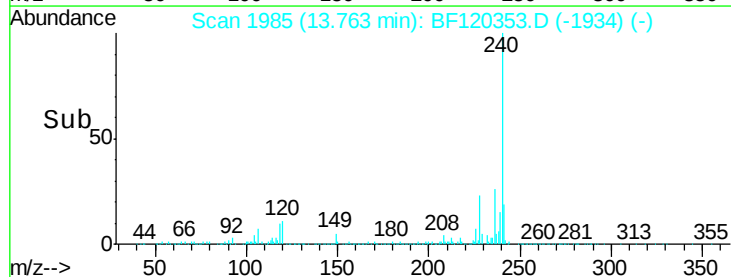
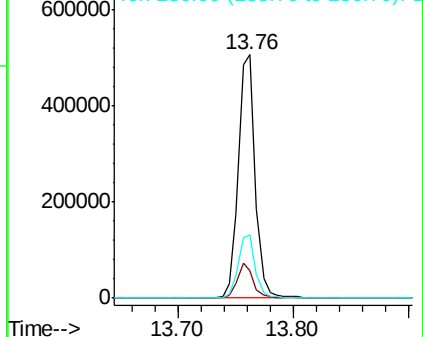
Lab File: BF120353.D

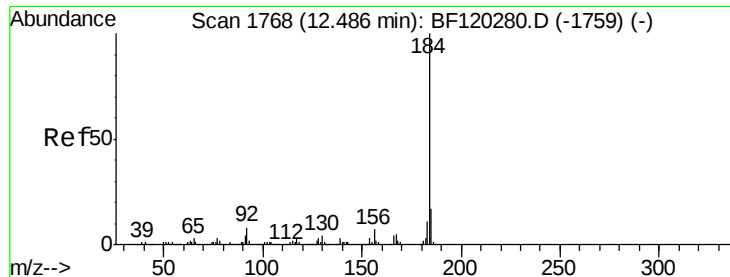
Acq: 18 May 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		513812		
120	11.1	10.4	15.6		
236	25.7	21.0	31.6		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.589 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.02 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

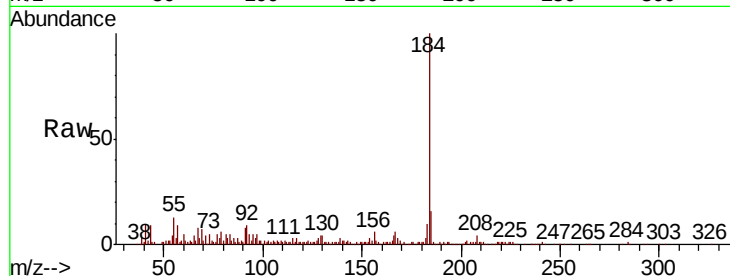
ClientSampleId :

TR-05-051520

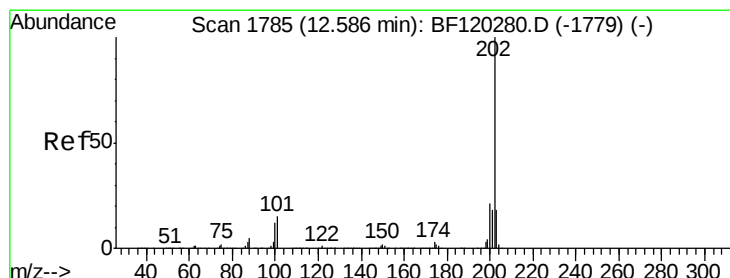
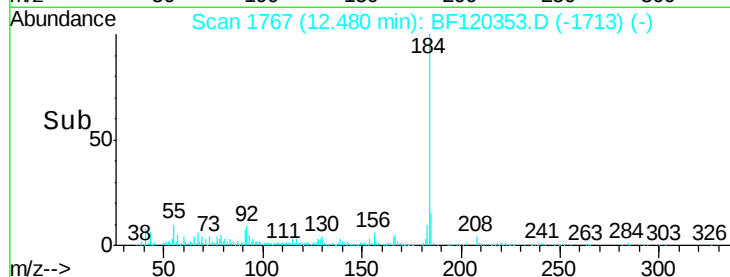
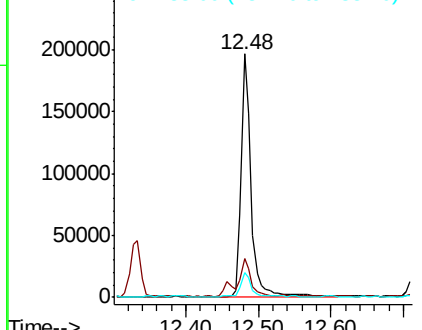
Tot Ion:	184	Resp:	188886
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.7	20.5
183	10.4	8.7	13.1

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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: 30.146 ng

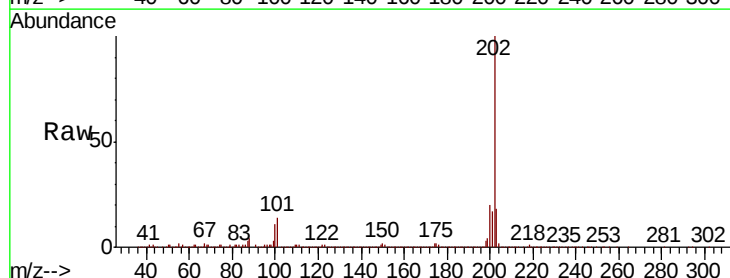
RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

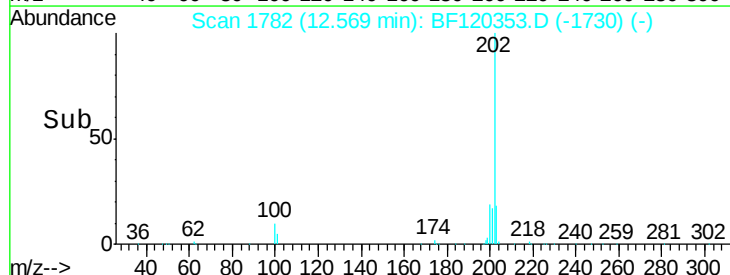
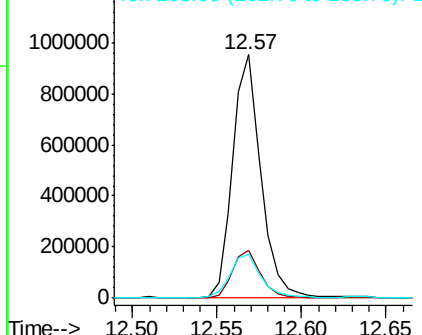
Lab File: BF120353.D

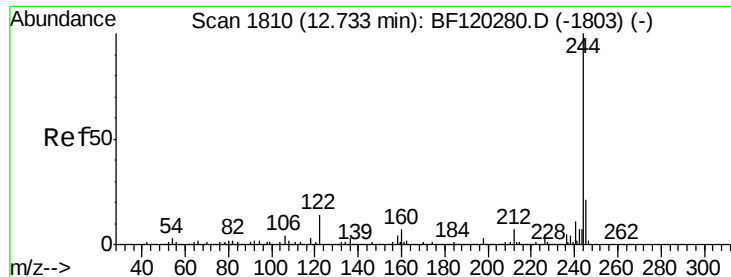
Acq: 18 May 2020 20:28

Tgt Ion:	202	Resp:	1104252
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.6	25.0
203	18.0	14.6	22.0



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





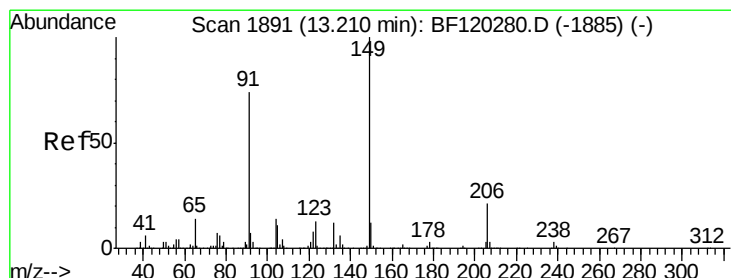
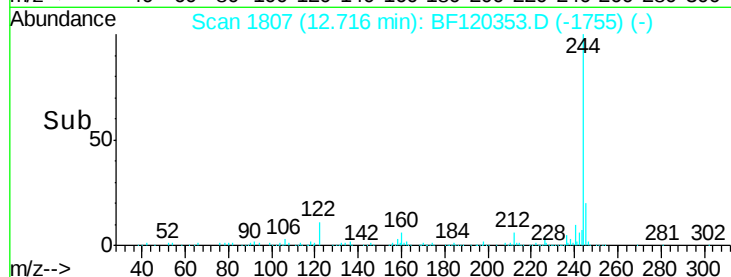
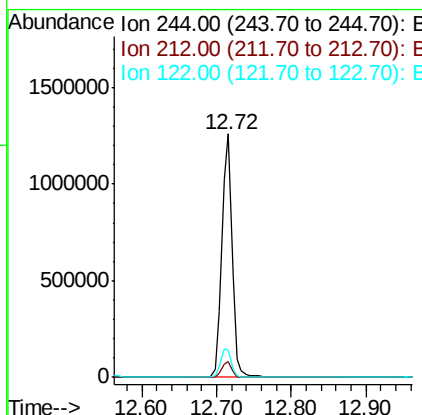
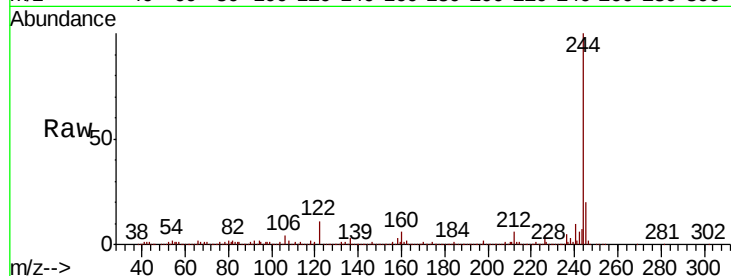
#79
 Terphenyl-d14
 Concen: 51.447 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.5	10.8	16.2

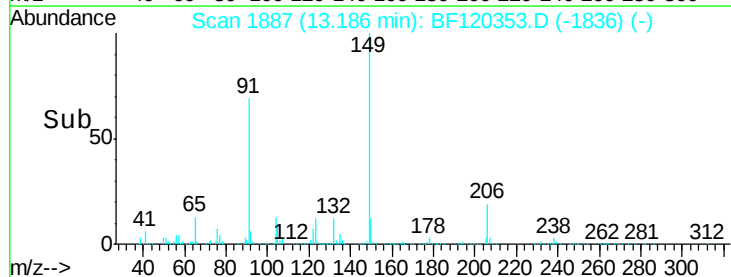
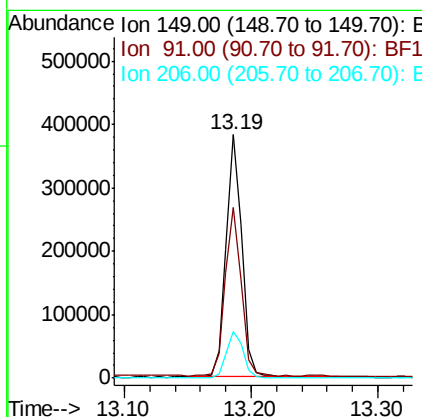
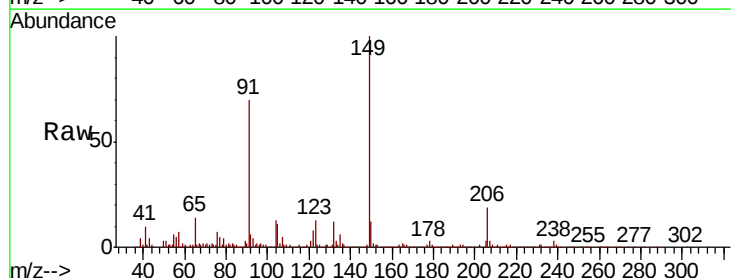
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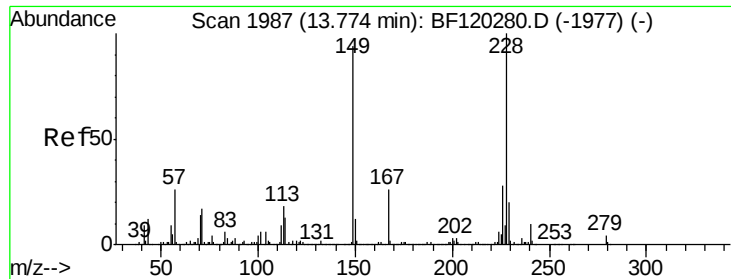
mohammad
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#80
 Butylbenzylphthalate
 Concen: 19.088 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	59.0	88.4
206	19.4	16.8	25.2





#81

Benzo(a)anthracene

Concen: 28.698 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

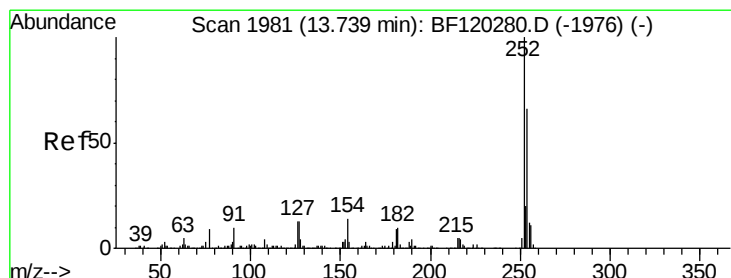
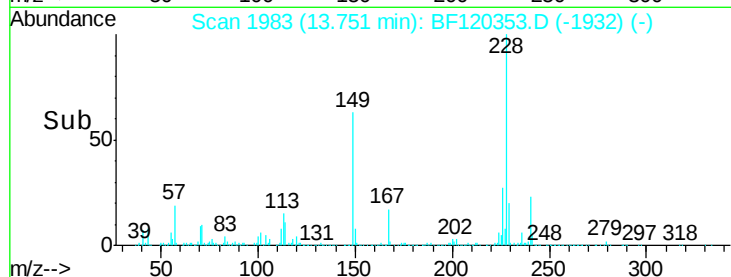
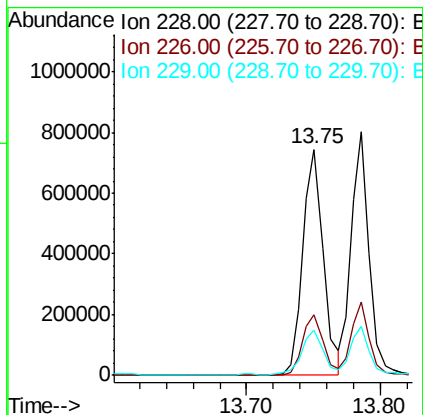
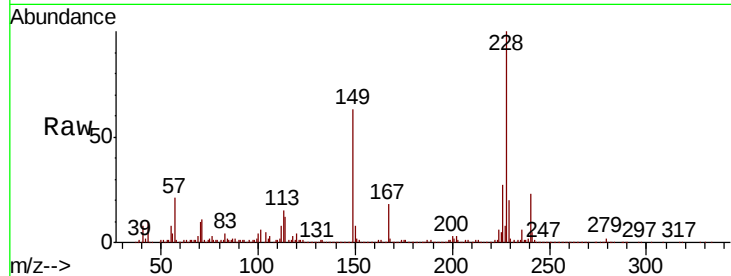
ClientSampled :

TR-05-051520

Tot Ion:	228	Resp:	777731
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	33.8
229	20.0	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 13.739 ng

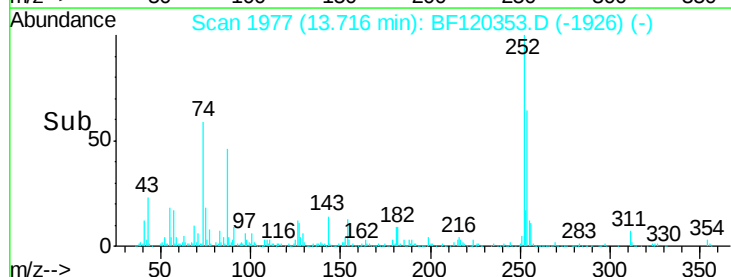
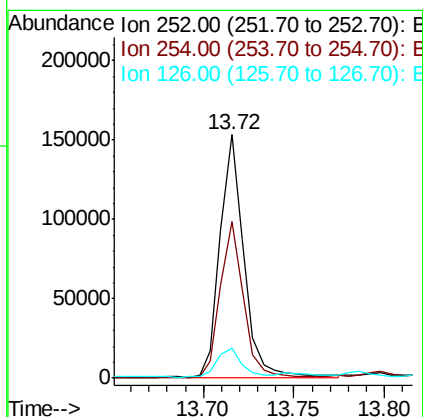
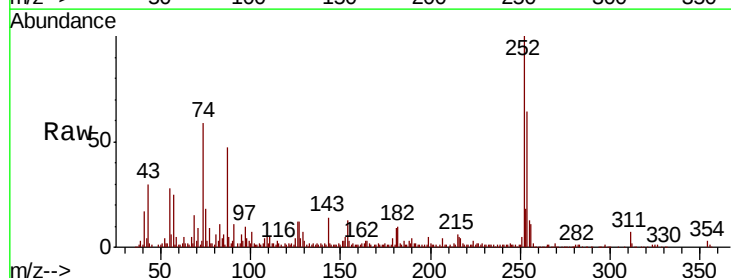
RT: 13.72 min Scan# 1977

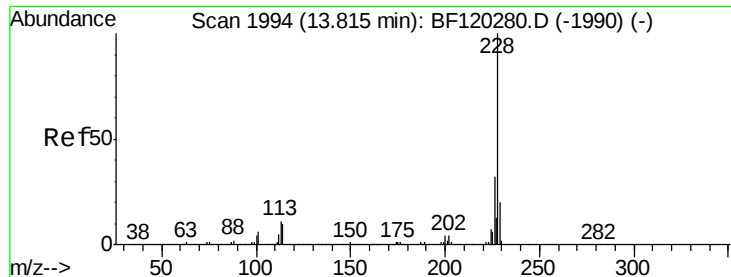
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	252	Resp:	140307
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.6	78.8
126	12.4	10.7	16.1





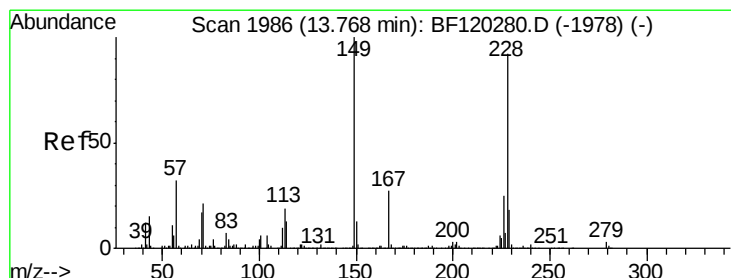
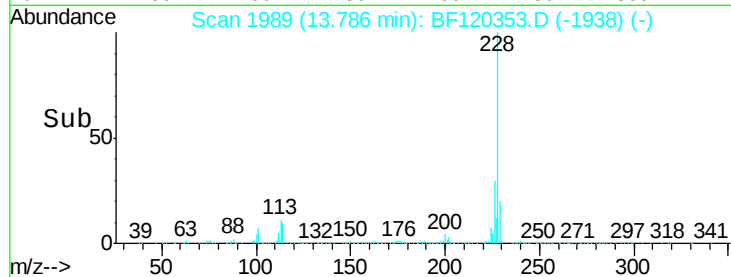
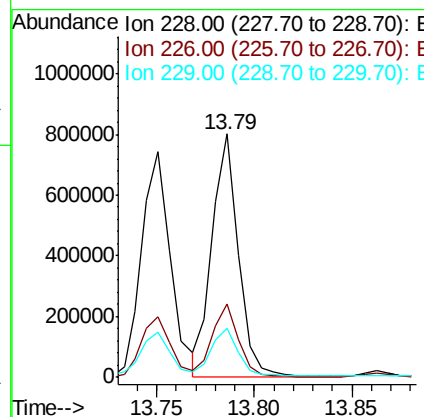
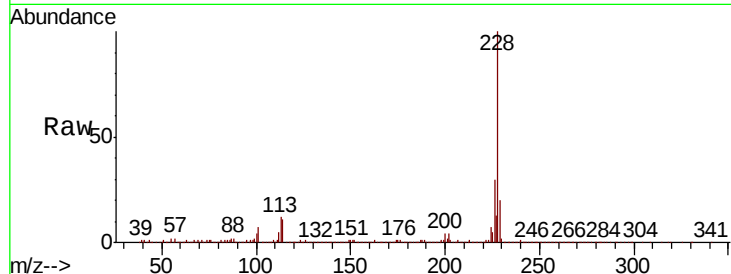
#83
 Chrysene
 Concen: 25.959 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.4	16.2	24.4

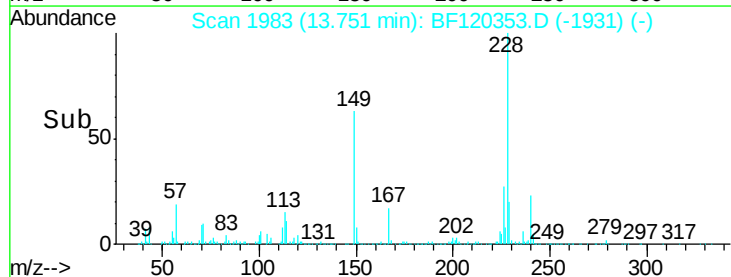
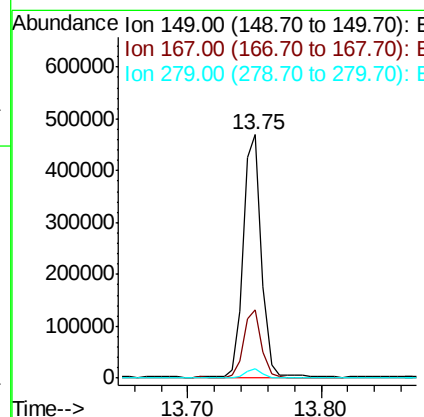
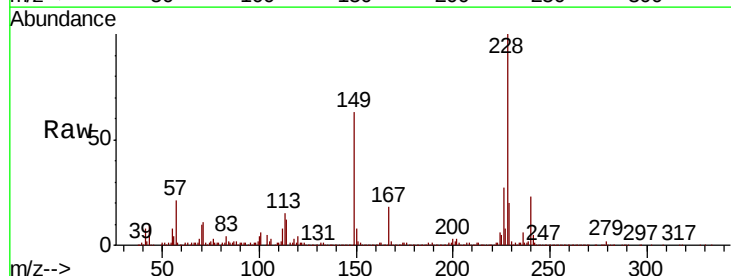
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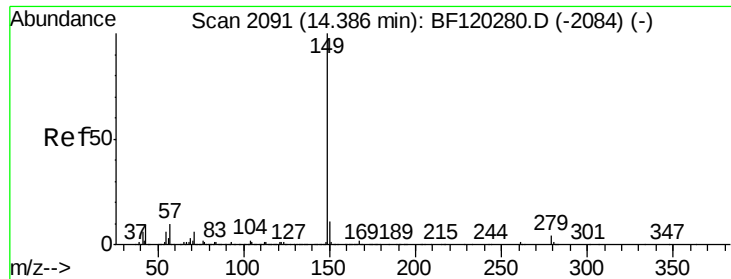
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.568 ng
 RT: 13.75 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	3.7	2.8	4.2





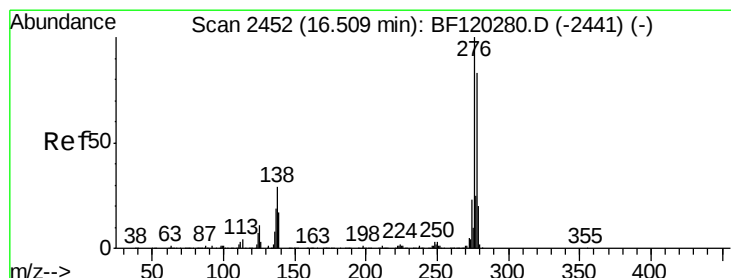
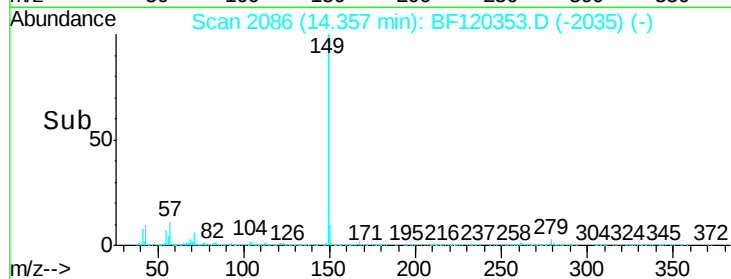
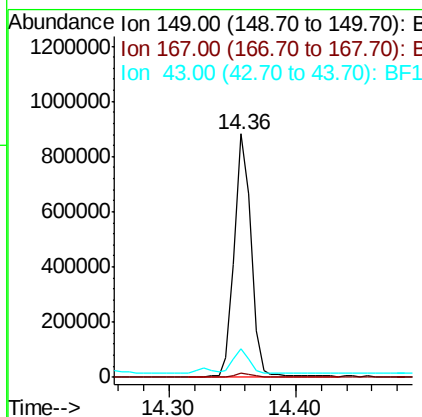
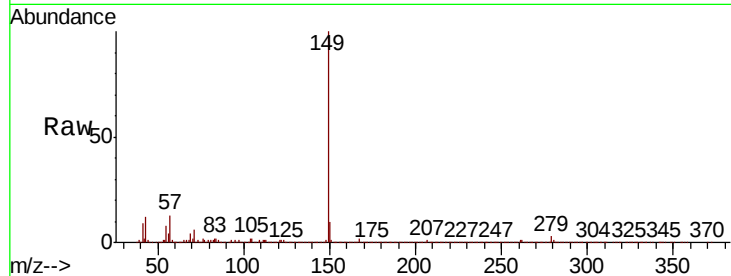
#85
Di-n-octyl phthalate
Concen: 20.522 ng
RT: 14.36 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.0	7.5	11.3

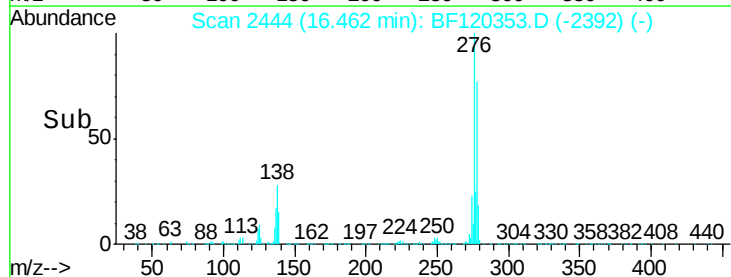
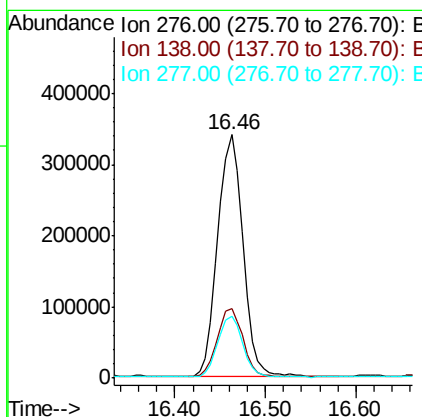
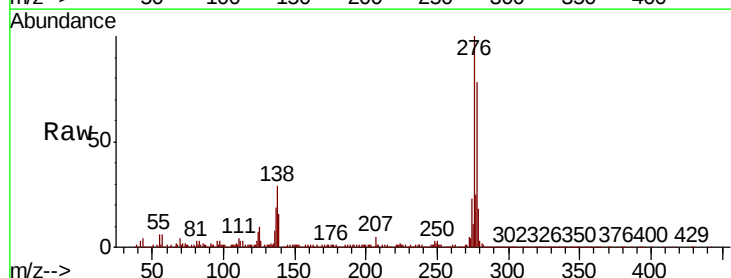
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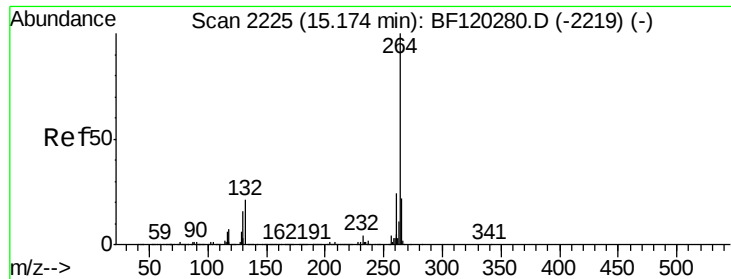
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 25.084 ng
RT: 16.46 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.3	34.9
277	24.2	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

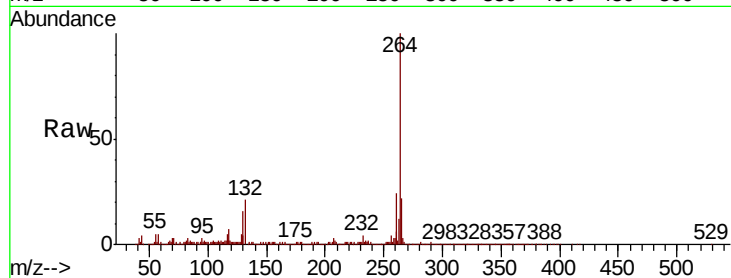
ClientSampleId :

TR-05-051520

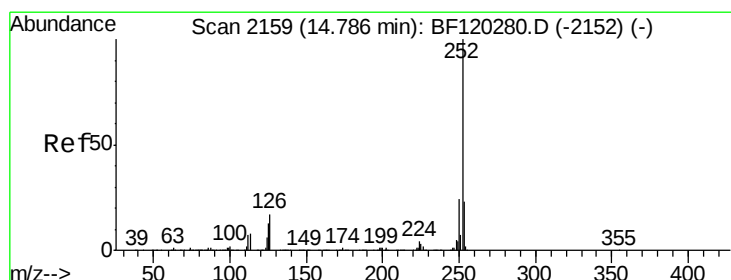
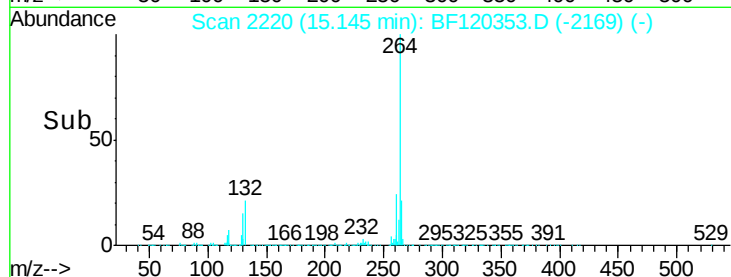
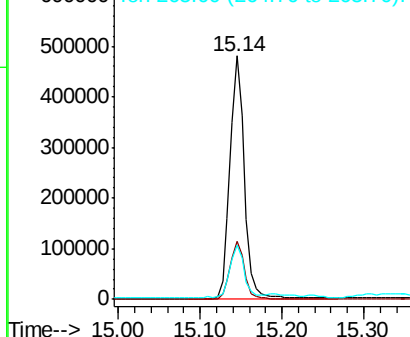
Tot Ion:	264	Resp:	591465
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.0	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 26.872 ng

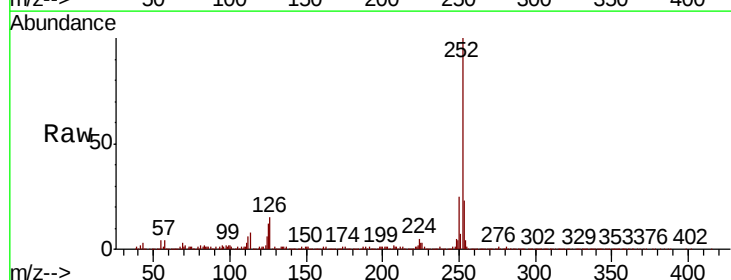
RT: 14.76 min Scan# 2155

Delta R.T. -0.00 min

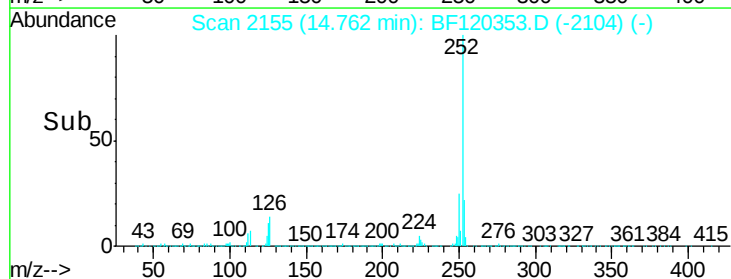
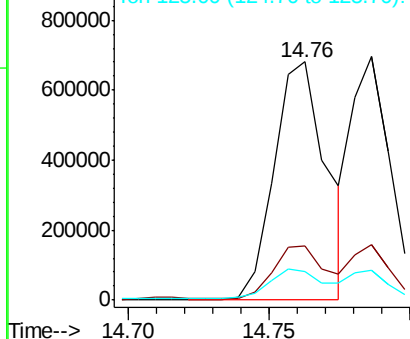
Lab File: BF120353.D

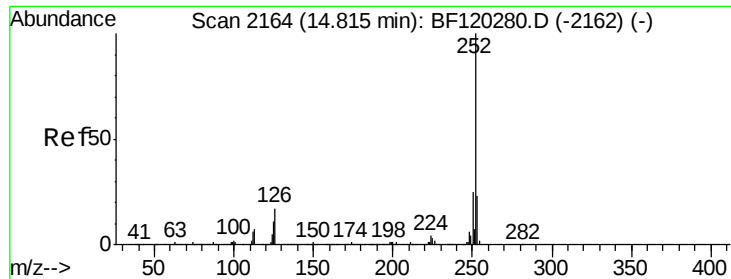
Acq: 18 May 2020 20:28

Tgt Ion:	252	Resp:	868011
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.0	10.4	15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 24.059 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

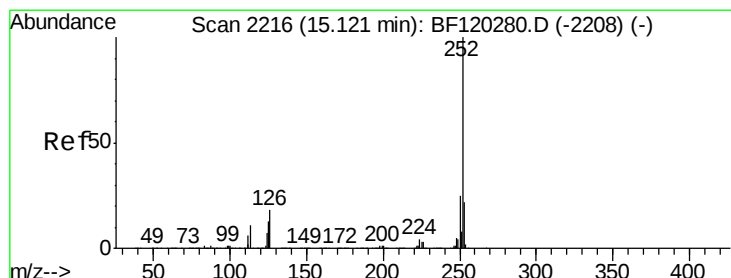
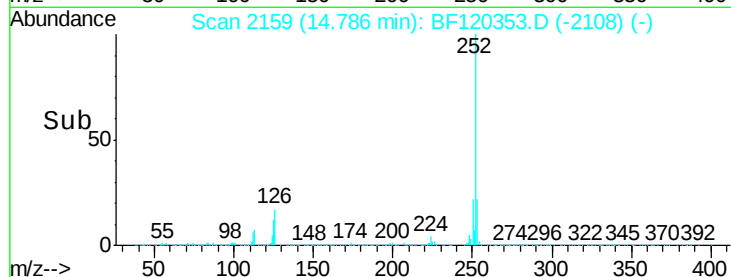
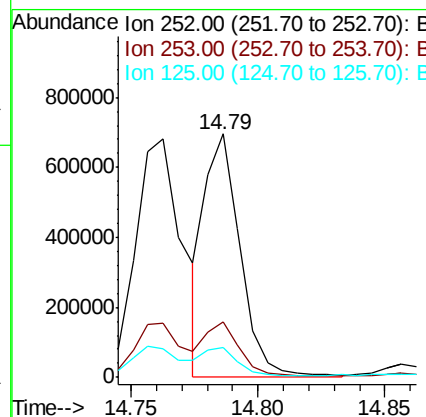
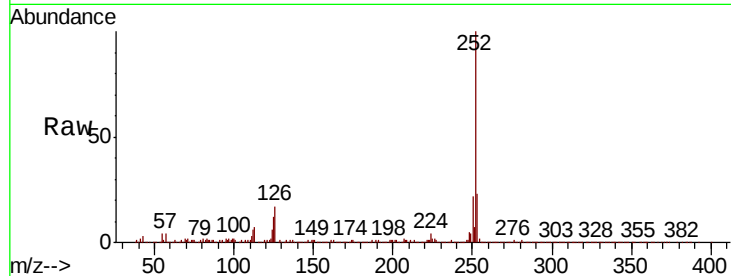
ClientSampleId :

TR-05-051520

Tot Ion:	252	Resp:	673284
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	12.1	9.9	14.9

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 25.468 ng

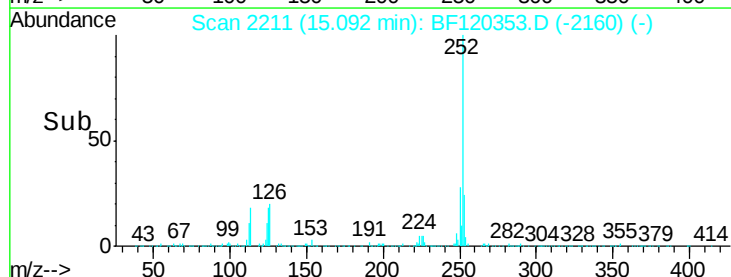
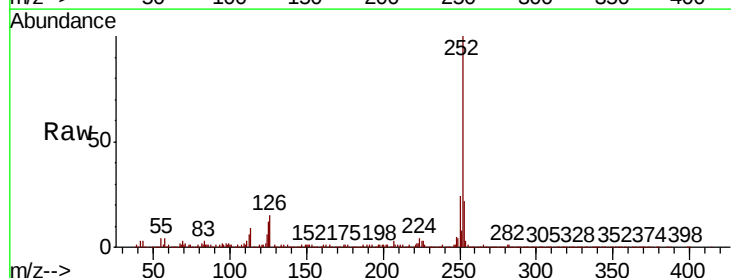
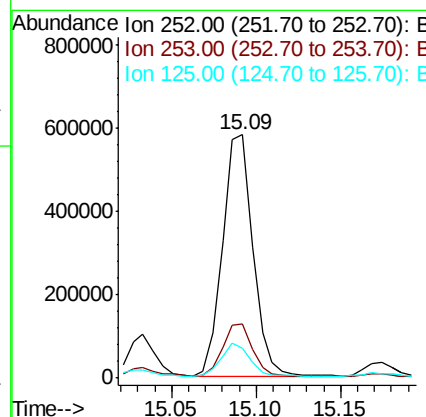
RT: 15.09 min Scan# 2211

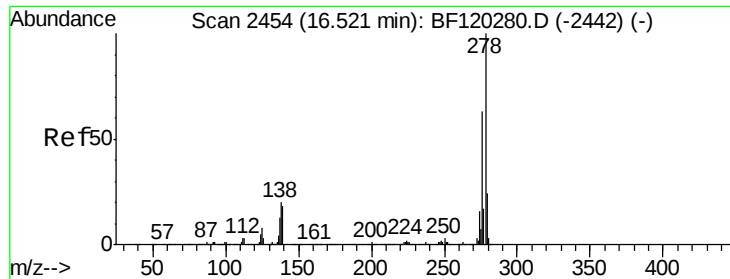
Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	252	Resp:	737777
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	12.5	10.6	16.0





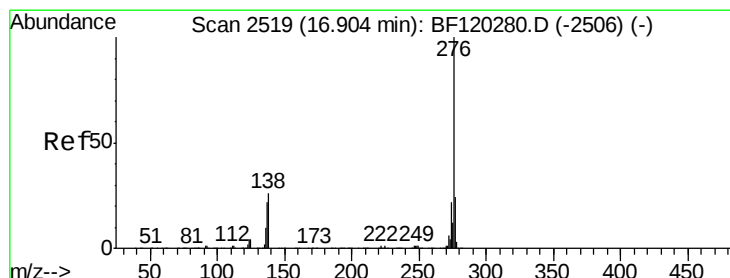
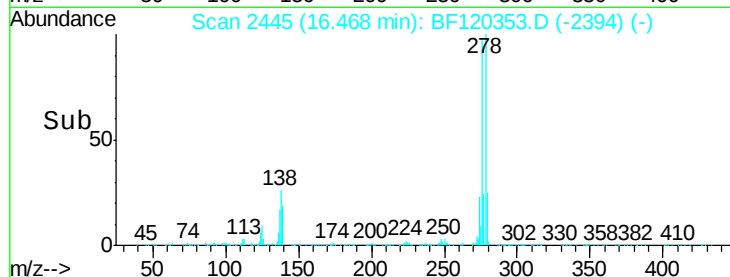
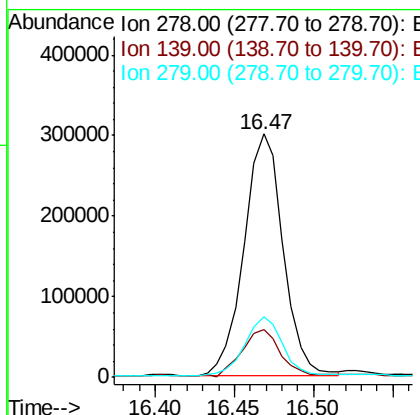
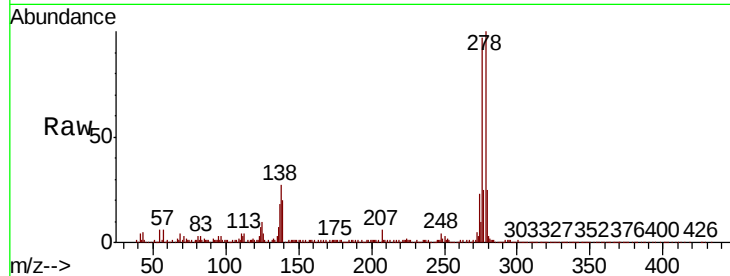
#91
Dibenzo(a,h)anthracene
Concen: 20.063 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.7	22.1
279	25.1	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/19/2020 3:05:33 PM



#92
Benzo(g,h,i)perylene
Concen: 21.881 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.8	20.8	31.2

