

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120740.D
 Acq On : 29 Jun 2020 21:10
 Operator : JU/CG
 Sample : L3128-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Manual Integrations
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 6/30/2020 4:14:50 PM

Quant Time: Jun 30 02:16:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	54150	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	387505	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	85053	20.00	ng	0.04
64) Phenanthrene-d10	11.37	188	113467	20.00	ng	0.06
76) Chrysene-d12	13.99	240	267745	20.00	ng	0.03
86) Perylene-d12	15.42	264	366982	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	346039	109.56	ng	0.08
7) Phenol-d6	6.51	99	421763	107.21	ng	0.08
23) Nitrobenzene-d5	7.37	82	283743	40.93	ng	0.01
42) 2,4,6-Tribromophenol	10.66	330	120632	121.99	ng	0.05
45) 2-Fluorobiphenyl	9.16	172	962145	173.08	ng	0.01
79) Terphenyl-d14	12.95	244	734591	60.60	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	117502	78.494	ng	98
3) Pyridine	3.28	79	416462	98.965	ng	99
4) n-Nitrosodimethylamine	3.23	42	189382	108.441	ng	99
6) Aniline	6.47	93	169855	33.739	ng	99
8) 2-Chlorophenol	6.62	128	171886	48.159	ng	99
9) Benzaldehyde	6.35	77	65470	26.312	ng	98
10) Phenol	6.52	94	196365	46.785	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	153299	43.850	ng	98
12) 1,3-Dichlorobenzene	6.74	146	182589	48.121	ng	97
13) 1,4-Dichlorobenzene	6.82	146	186940	49.934	ng	98
14) 1,2-Dichlorobenzene	6.97	146	171356	46.988	ng	96
15) Benzyl Alcohol	6.96	79	139706	50.078	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	196957	39.127	ng	100
17) 2-Methylphenol	7.10	107	135356	44.465	ng	96
18) Hexachloroethane	7.31	117	56777	41.158	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	112441	49.276	ng	99
20) 3+4-Methylphenols	7.26	107	179589	47.211	ng	# 62
22) Acetophenone	7.21	105	231645	26.738	ng	# 91
24) Nitrobenzene	7.39	77	249713	34.421	ng	97
25) Isophorone	7.63	82	599437	44.389	ng	97
26) 2-Nitrophenol	7.70	139	147512	38.435	ng	99
27) 2,4-Dimethylphenol	7.77	122	285598	50.539	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	378689	48.376	ng	99
29) 2,4-Dichlorophenol	7.97	162	277145	48.248	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	314296	49.373	ng	98
31) Naphthalene	8.10	128	1065394	55.991	ng	100
32) Benzoic acid	7.91	122	205395	47.372	ng	98
33) 4-Chloroaniline	8.17	127	288582	33.043	ng	99
34) Hexachlorobutadiene	8.22	225	174153	46.933	ng	100
35) Caprolactam	8.57	113	101645m	55.327	ng	
36) 4-Chloro-3-methylphenol	8.69	107	289945	50.523	ng	97
37) 2-Methylnaphthalene	8.80	142	673147	54.192	ng	98
38) 1-Methylnaphthalene	8.90	142	725436	62.065	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	357284	140.684	ng	98

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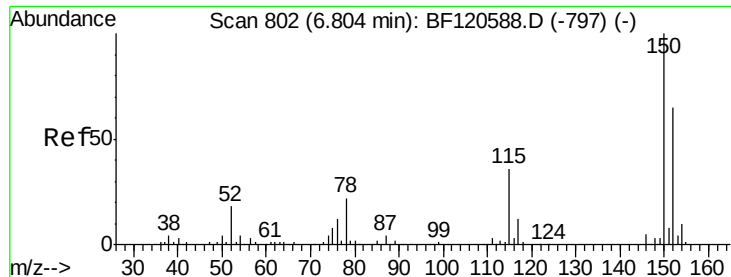
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65249	45.849	nq	100
43) 2,4,6-Trichlorophenol	9.10	196	183431	101.821	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	167612	82.008	nq	# 83
46) 1,1'-Biphenyl	9.27	154	820146	129.137	nq	98
47) 2-Chloronaphthalene	9.29	162	621397	119.651	nq	96
48) 2-Nitroaniline	9.40	65	158815	97.367	nq	91
49) Acenaphthylene	9.72	152	766201	95.595	nq	# 86
50) Dimethylphthalate	9.57	163	620188	101.246	nq	# 94
51) 2,6-Dinitrotoluene	9.63	165	180816	130.250	nq	91
52) Acenaphthene	9.89	154	241421	50.504	nq	95
53) 3-Nitroaniline	9.82	138	55001	32.986	nq	# 91
54) 2,4-Dinitrophenol	9.94	184	1895	5.300	nq	# 1
55) Dibenzofuran	10.07	168	361073	49.262	nq	# 90
56) 4-Nitrophenol	10.03	139	95007	75.655	nq	# 33
57) 2,4-Dinitrotoluene	10.05	165	76745	41.662	nq	# 93
58) Fluorene	10.42	166	268893	47.589	nq	88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	64287	39.980	nq	# 75
60) Diethylphthalate	10.28	149	288728	47.858	nq	# 87
61) 4-Chlorophenyl-phenylether	10.40	204	139786	47.906	nq	# 80
62) 4-Nitroaniline	10.43	138	57041	34.459	nq	# 70
63) Azobenzene	10.56	77	250885	45.813	nq	86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3260	4.788	nq	# 1
66) n-Nitrosodiphenylamine	10.52	169	226493	65.000	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	97670	75.845	nq	# 65
68) Hexachlorobenzene	10.99	284	87638	63.298	nq	# 54
69) Atrazine	11.09	200	69673	64.616	nq	# 26
70) Pentachlorophenol	11.19	266	51496	66.900	nq	96
71) Phenanthrene	11.40	178	346085	61.358	nq	# 79
72) Anthracene	11.45	178	312818	55.021	nq	# 83
73) Carbazole	11.60	167	276078	49.055	nq	# 81
74) Di-n-butylphthalate	11.92	149	362718	57.327	nq	# 90
75) Fluoranthene	12.59	202	565393	87.673	nq	94
77) Benzidine	12.70	184	120810	13.342	nq	# 48
78) Pyrene	12.82	202	585266	30.856	nq	96
80) Butylbenzylphthalate	13.41	149	269921	32.048	nq	90
81) Benzo(a)anthracene	13.98	228	922997	57.379	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	205953	33.520	nq	98
83) Chrysene	14.02	228	901343	54.626	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	562884	54.761	nq	98
85) Di-n-octyl phthalate	14.56	149	1137718	57.997	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	499370	22.370	nq	97
88) Benzo(b)fluoranthene	15.00	252	1244079	56.910	nq	99
89) Benzo(k)fluoranthene	15.03	252	992447	51.307	nq	98
90) Benzo(a)pyrene	15.36	252	1056073	53.980	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	406028	22.682	nq	99
92) Benzo(g,h,i)perylene	17.29	276	387264	21.463	nq	97

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



#1

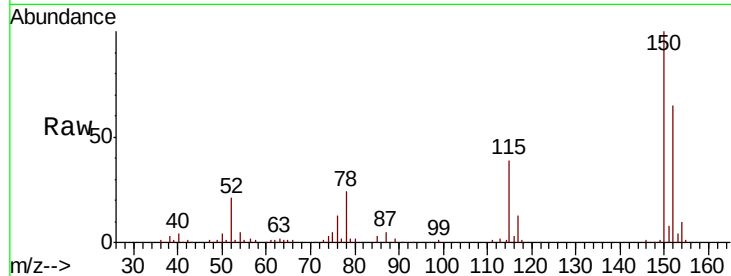
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	187.0
115	59.6	44.2	66.4

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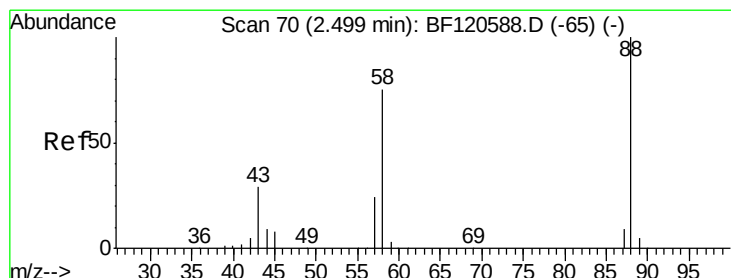
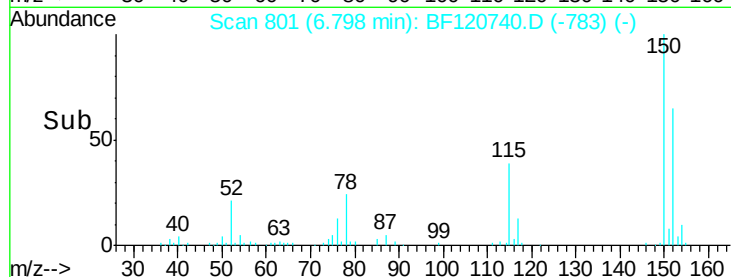
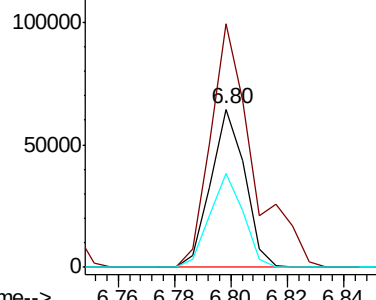


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

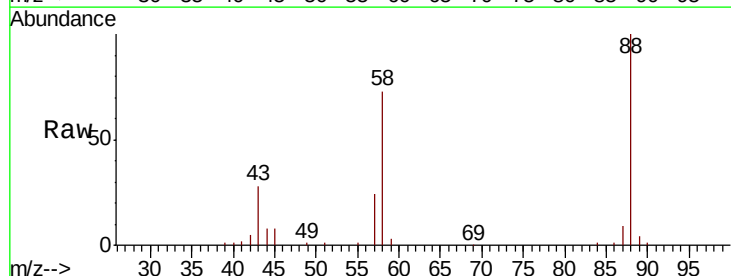
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 78.494 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	58.5	87.7
43	28.1	21.8	32.8

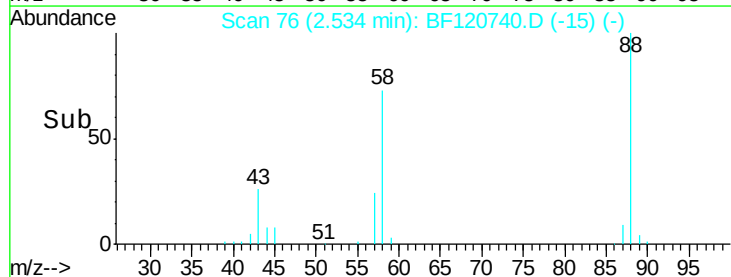
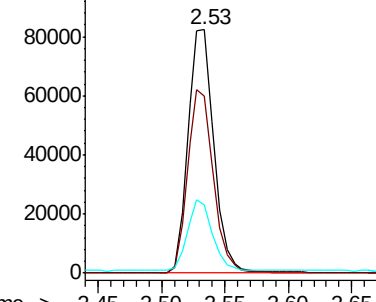


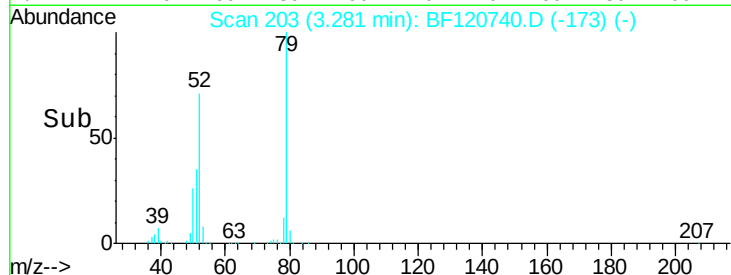
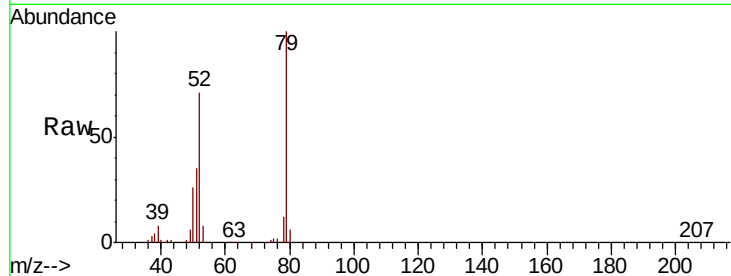
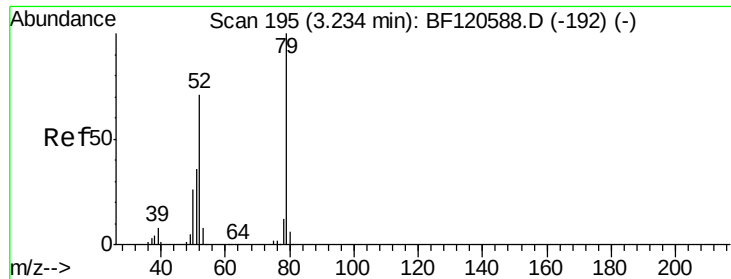
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





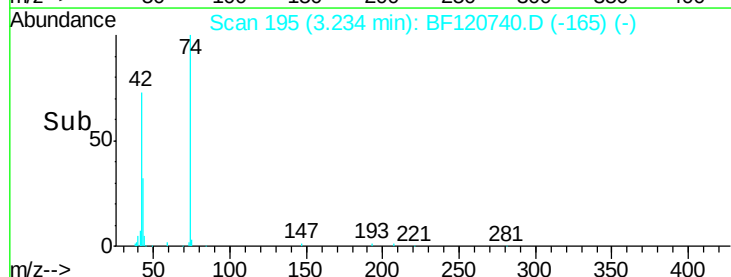
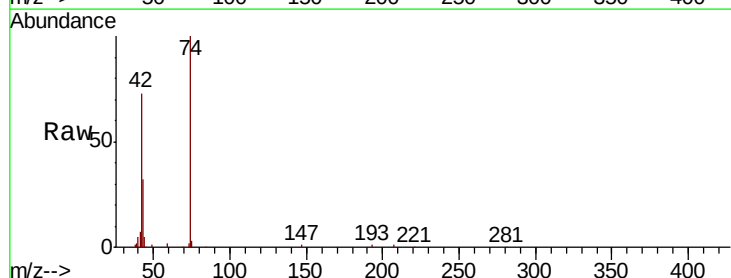
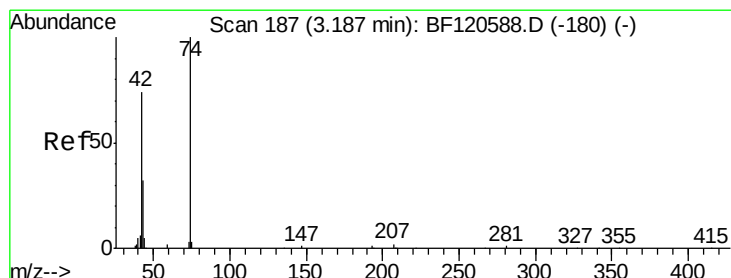
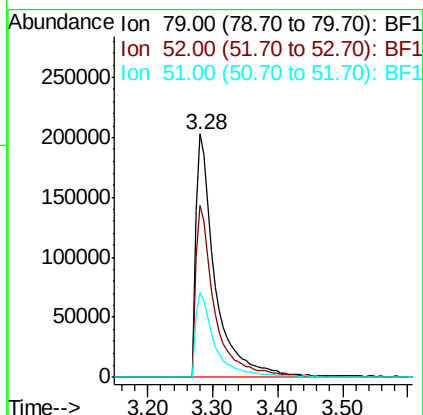
#3
Pvridine
Concen: 98.965 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.08 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		416462		
52	70.6	56.6	84.8		
51	35.0	27.4	41.0		

Instrument :
BNA_F
ClientSampleId :
78-64MSD

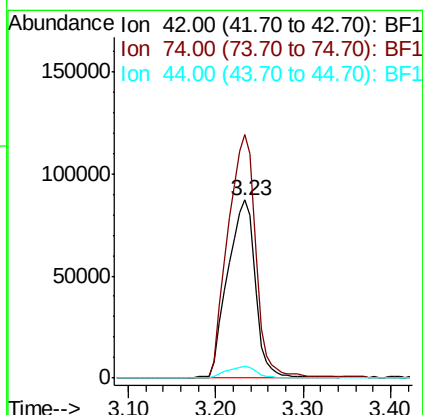
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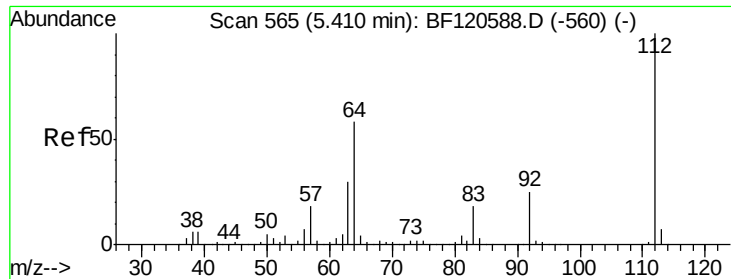
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#4
n-Nitrosodimethylamine
Concen: 108.441 ng
RT: 3.23 min Scan# 195
Delta R.T. 0.08 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		189382		
74	136.8	110.7	166.1		
44	6.6	5.6	8.4		





#5

2-Fluorophenol

Concen: 109.560 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

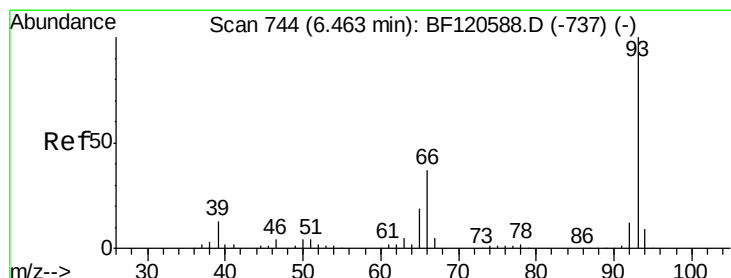
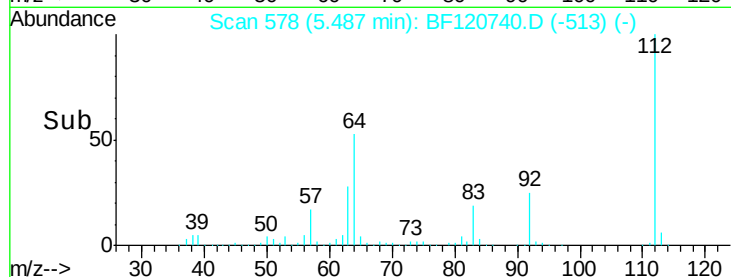
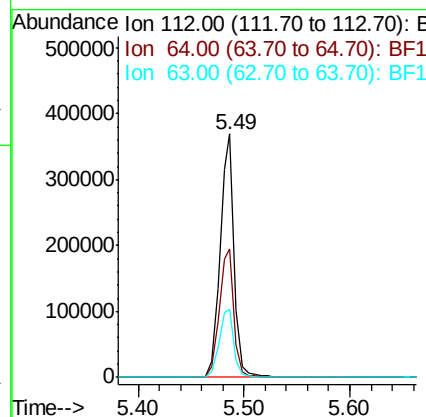
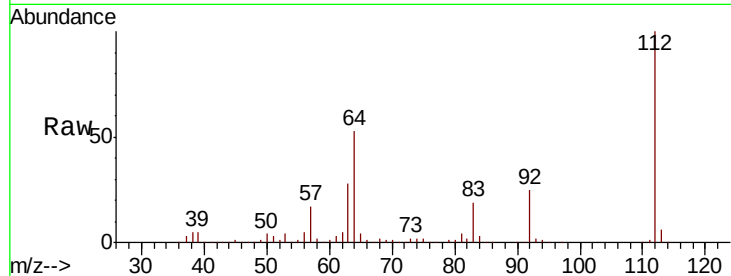
ClientSampleId :

78-64MSD

Tot Ion:	112	Resp:	346039
Ion Ratio	Lower	Upper	
112	100		
64	53.0	42.2	63.2
63	27.8	21.7	32.5

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#6

Aniline

Concen: 33.739 ng

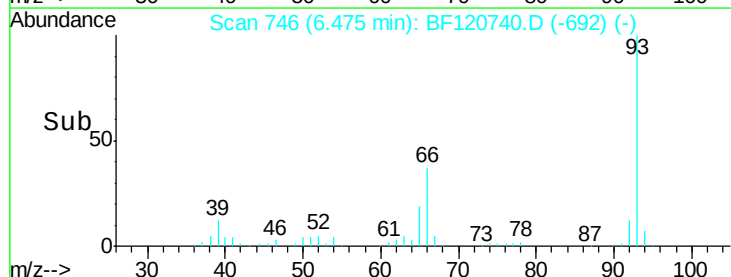
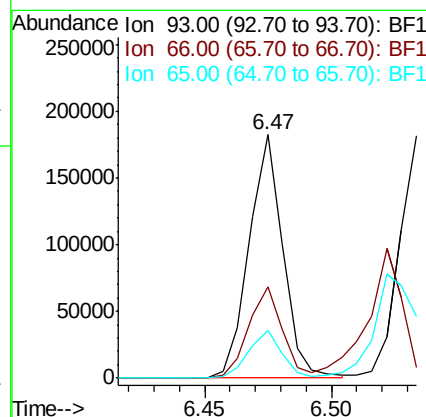
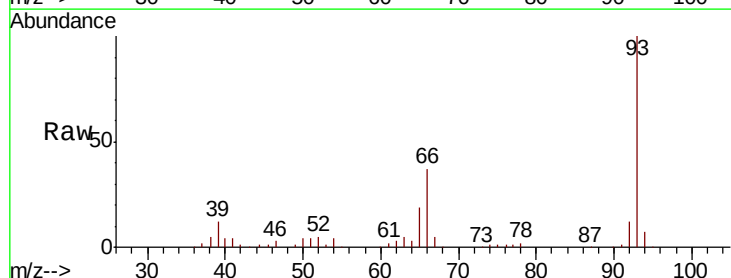
RT: 6.47 min Scan# 746

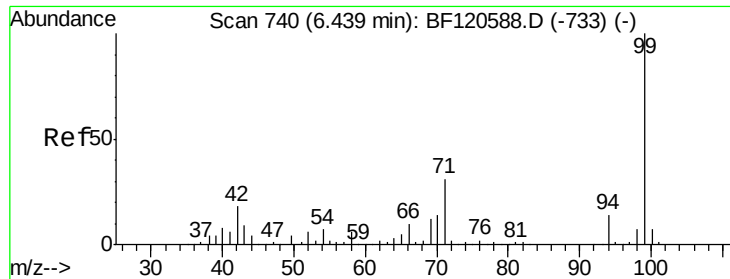
Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:	93	Resp:	169855
Ion Ratio	Lower	Upper	
93	100		
66	37.4	29.5	44.3
65	19.4	15.5	23.3





#7

Phenol-d6

Concen: 107.214 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

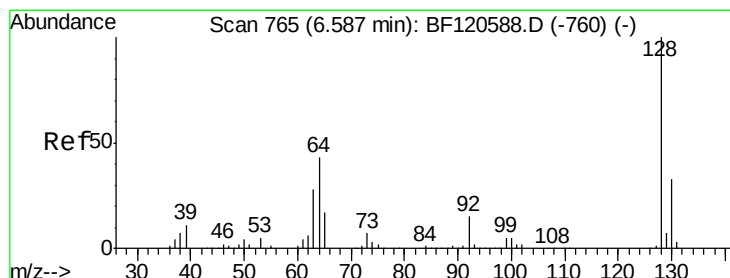
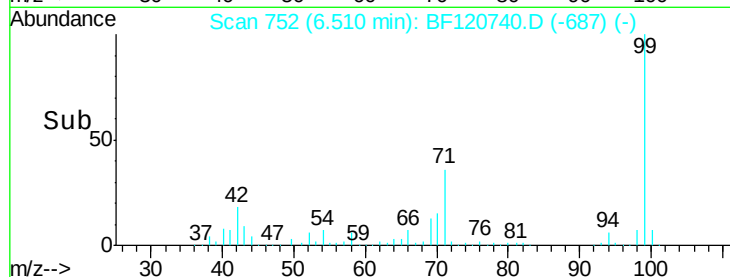
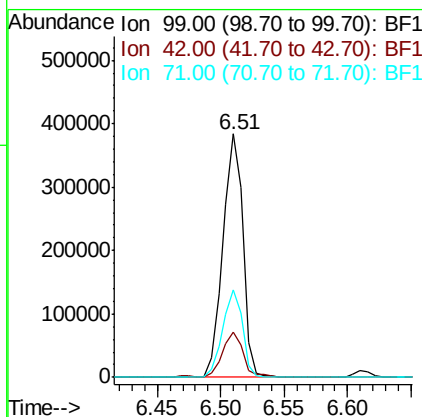
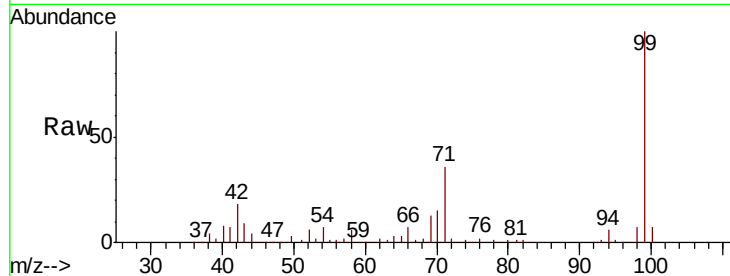
ClientSampleId :

78-64MSD

Tot Ion:	99	Resp:	421763
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.2	21.4
71	35.9	25.4	38.2

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#8

2-Chlorophenol

Concen: 48.159 ng

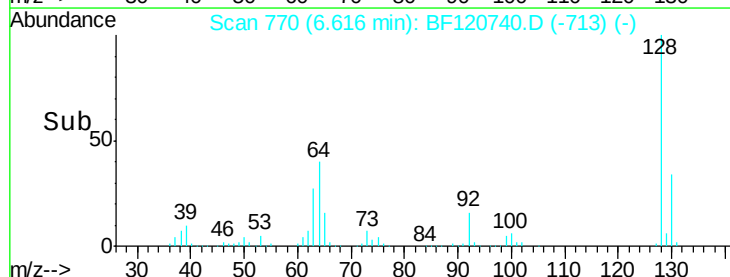
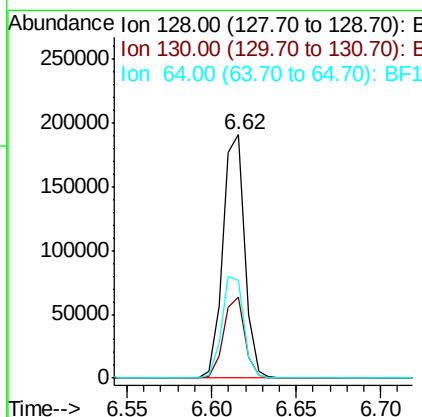
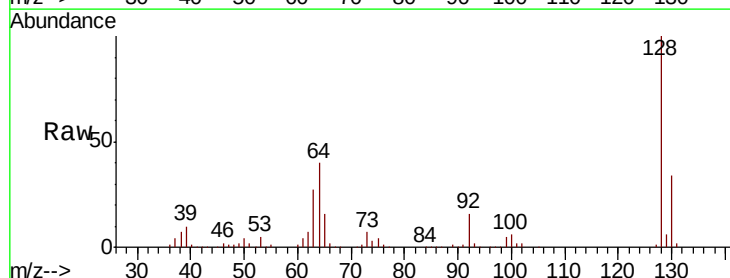
RT: 6.62 min Scan# 770

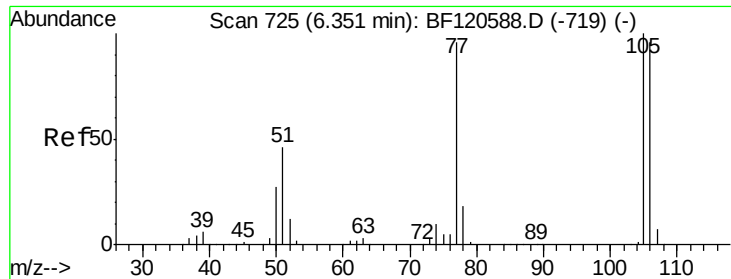
Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:	128	Resp:	171886
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.3	53.3
64	39.9	19.2	59.2





#9

Benzaldehyde

Concen: 26.312 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

Tot Ion: 77 Resp: 65470

Ion Ratio Lower Upper

77 100

105 104.1 80.8 120.8

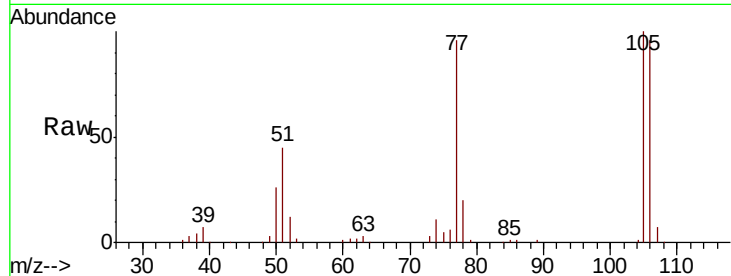
106 99.5 78.1 118.1

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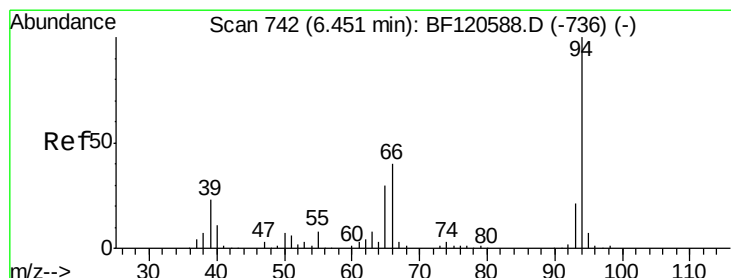
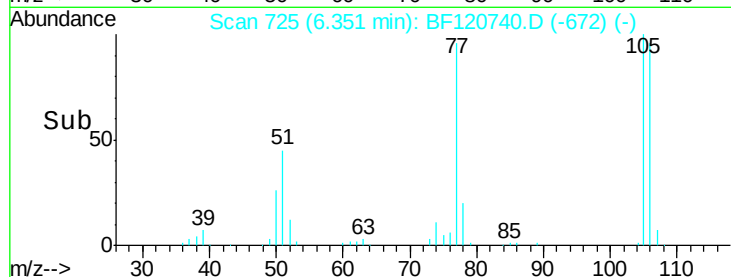
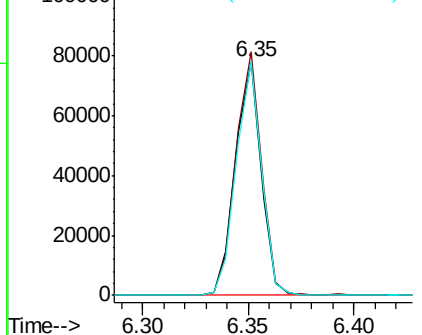
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.785 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.08 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

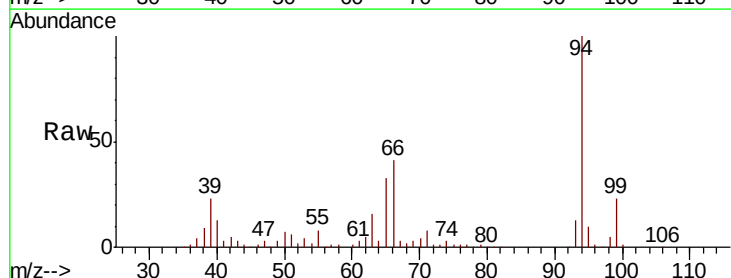
Tgt Ion: 94 Resp: 196365

Ion Ratio Lower Upper

94 100

65 32.8 13.6 53.6

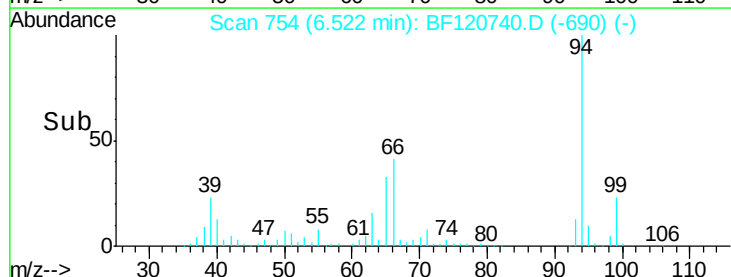
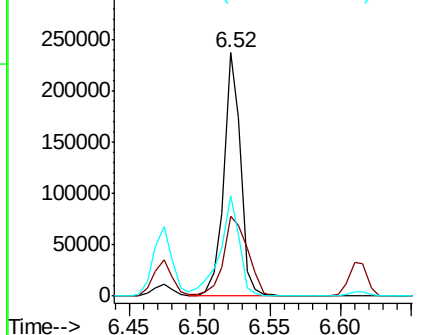
66 41.0 29.2 69.2

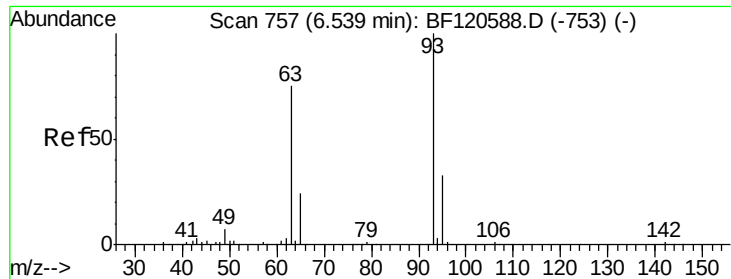


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





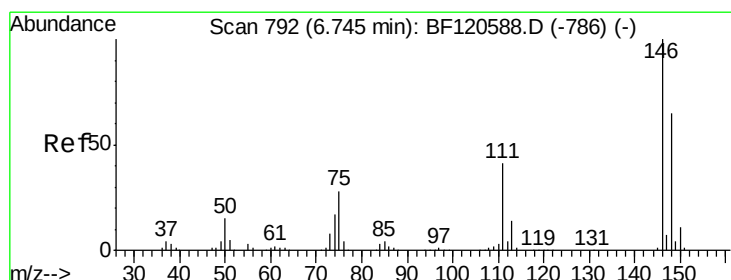
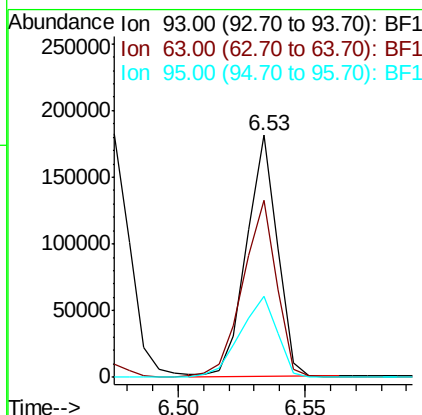
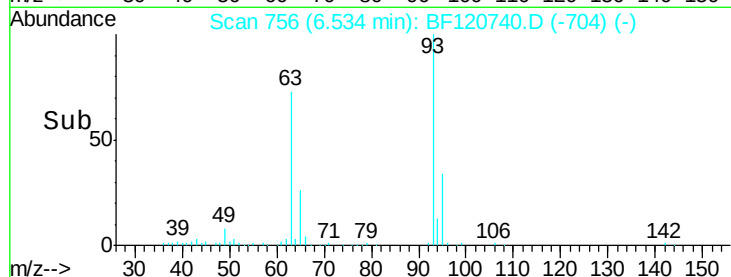
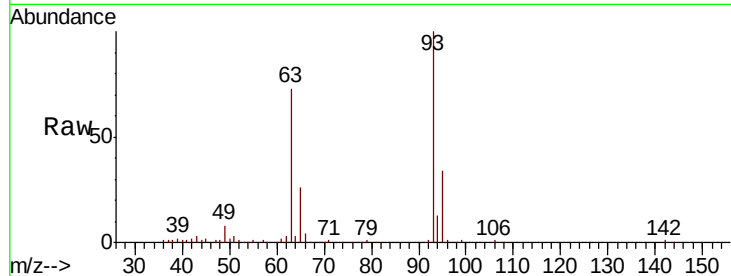
#11
bis(2-Chloroethyl)ether
Concen: 43.850 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:	93	Resp:	153299
Ion	Ratio	Lower	Upper
93	100		
63	72.9	54.8	94.8
95	33.7	12.1	52.1

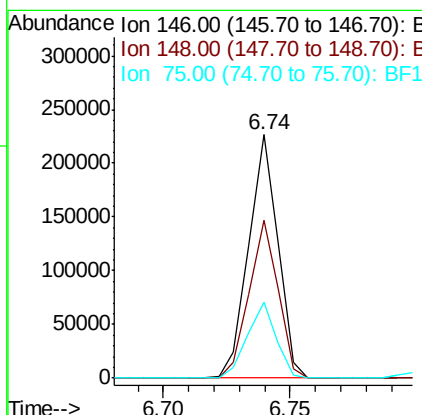
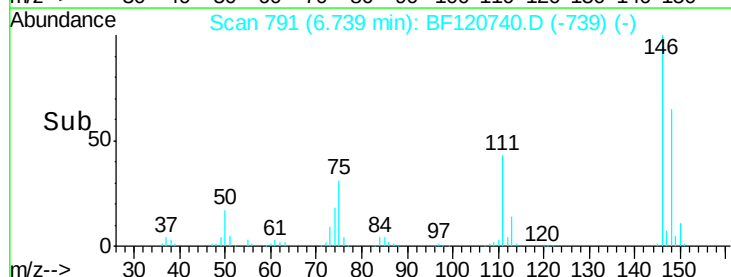
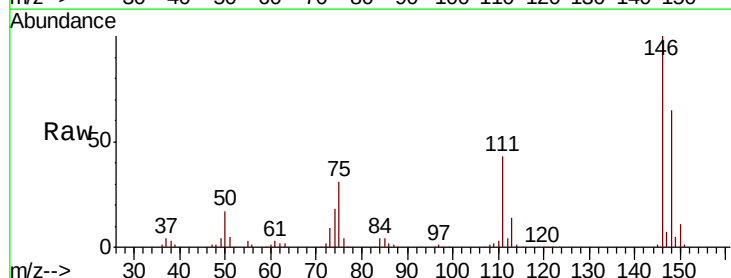
Manual Integrations
APPROVED

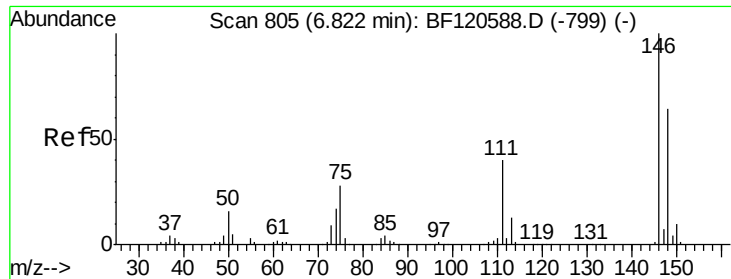
mohammad
6/30/2020 4:14:50 PM



#12
1,3-Dichlorobenzene
Concen: 48.121 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	146	Resp:	182589
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
75	31.0	21.5	32.3





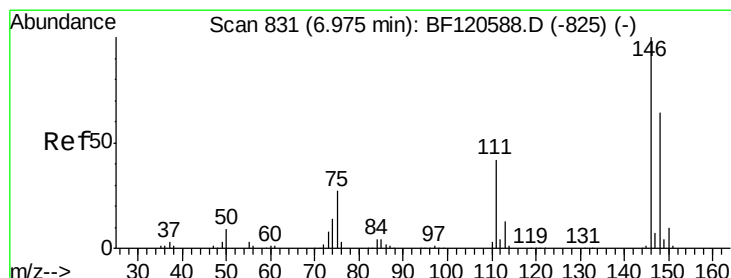
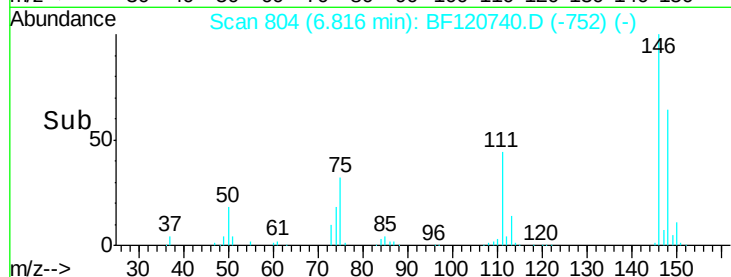
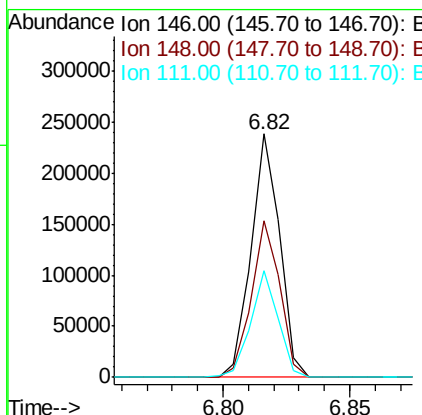
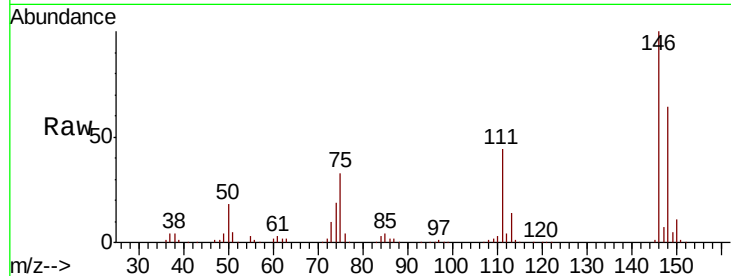
#13
 1,4-Dichlorobenzene
 Concen: 49.934 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
111	44.0	32.2	48.2

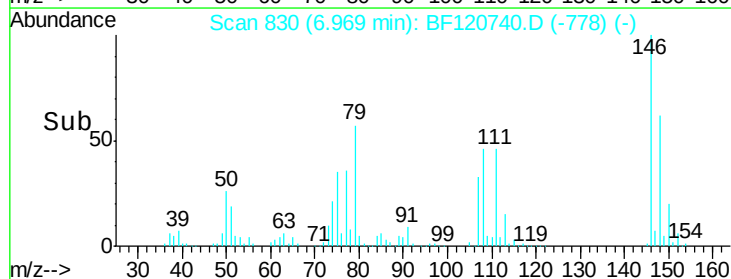
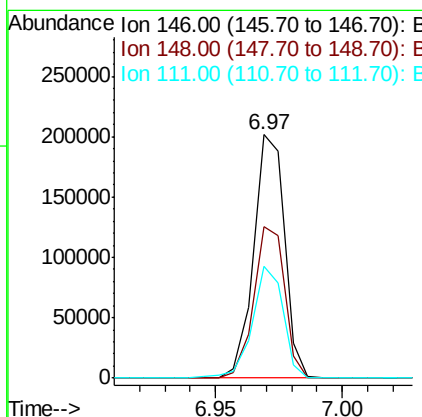
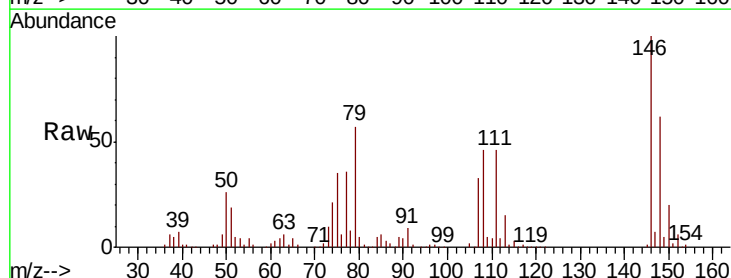
Manual Integrations
 APPROVED

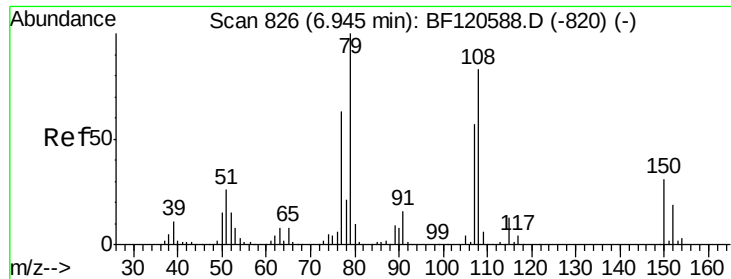
mohammad
 6/30/2020 4:14:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.988 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.0	76.6
111	45.9	33.6	50.4





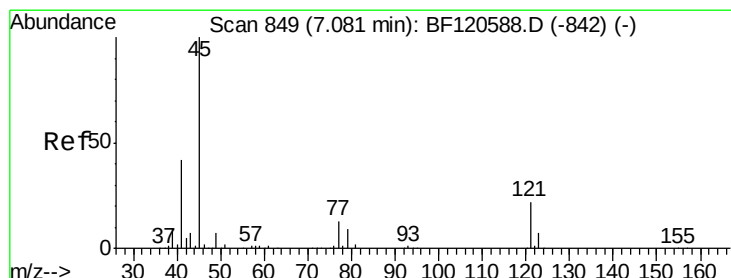
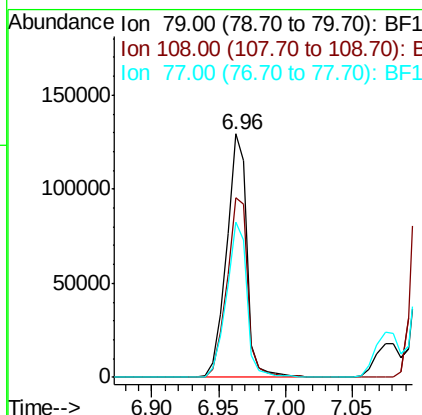
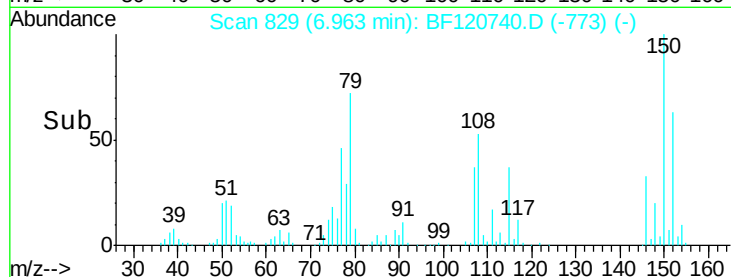
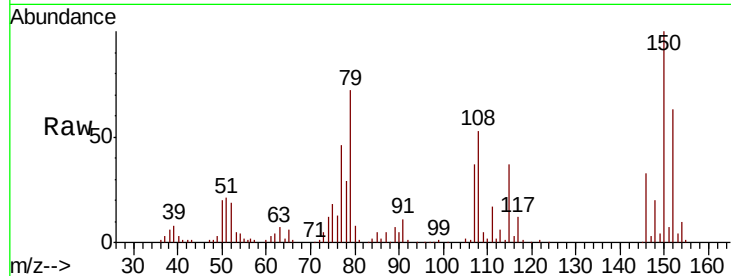
#15
Benzyl Alcohol
Concen: 50.078 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.03 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.9	66.1	99.1
77	63.9	49.8	74.6

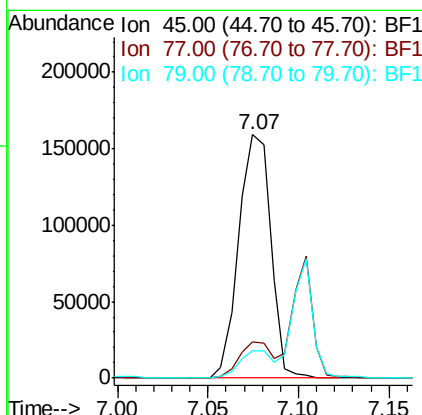
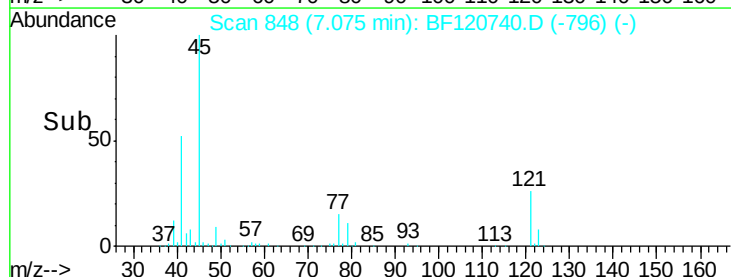
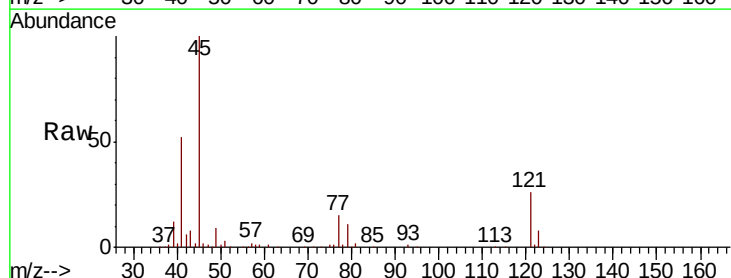
Manual Integrations
APPROVED

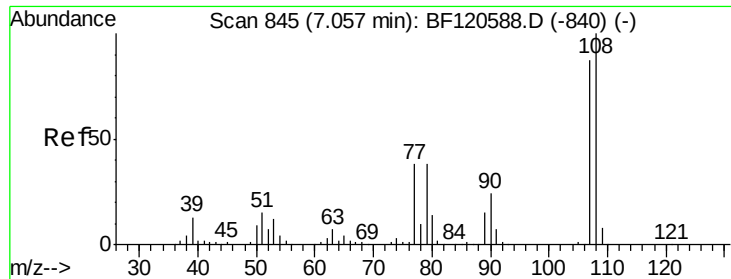
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.127 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	34.9
79	11.3	0.0	31.4





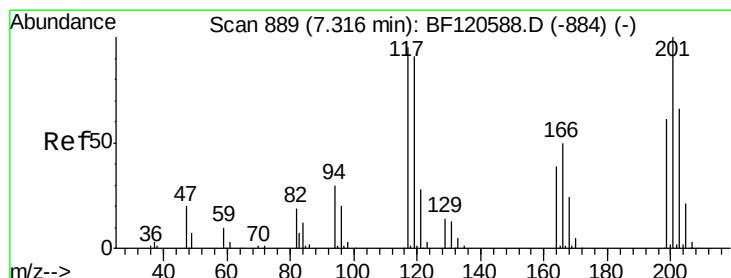
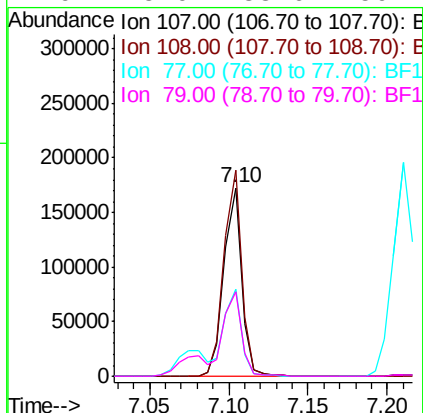
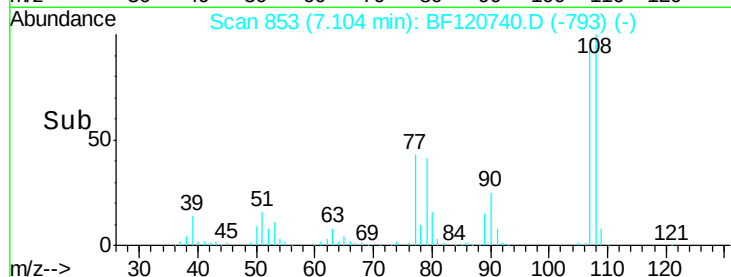
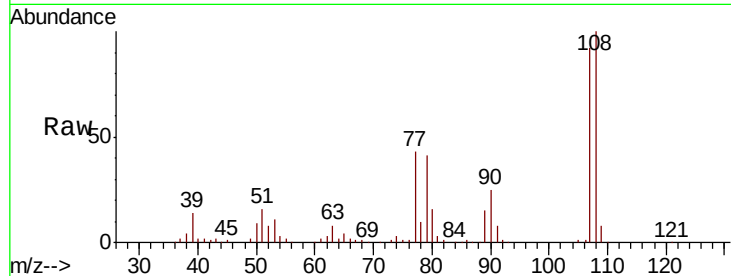
#17
2-Methylphenol
Concen: 44.465 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	107	Resp	135356
Ion Ratio	Lower	Upper	
107	100		
108	109.1	90.7	136.1
77	46.4	35.0	52.4
79	45.0	33.6	50.4

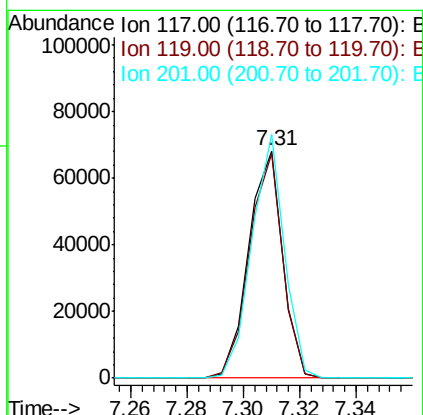
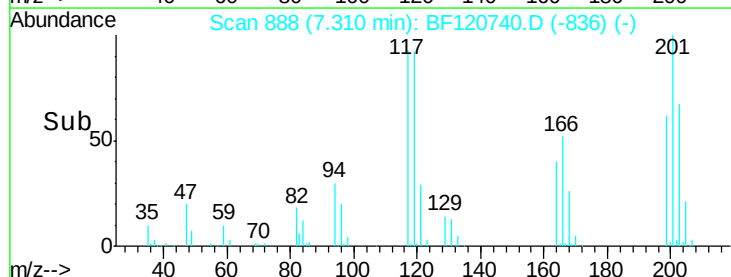
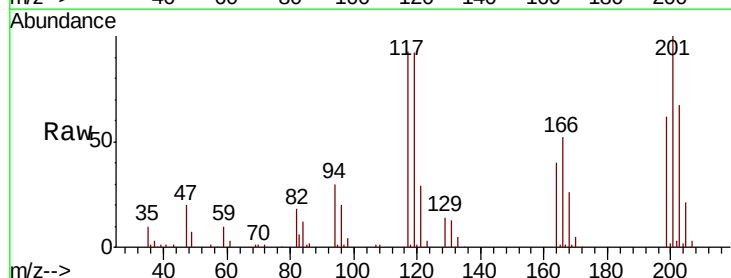
Manual Integrations
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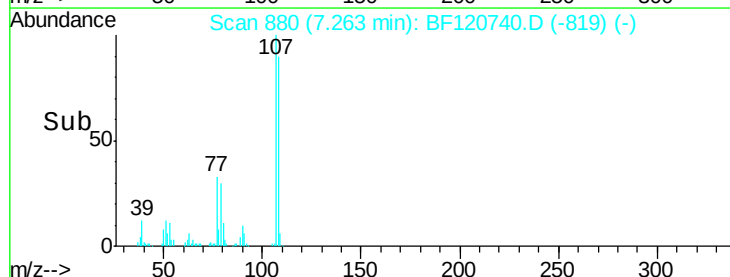
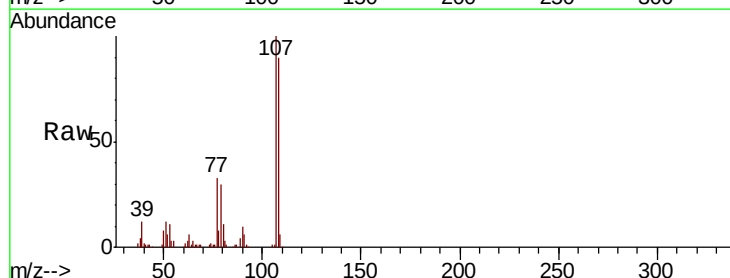
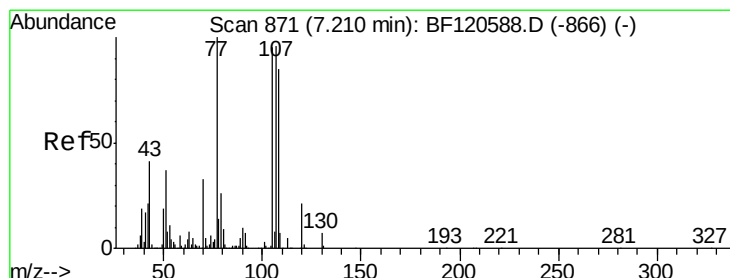
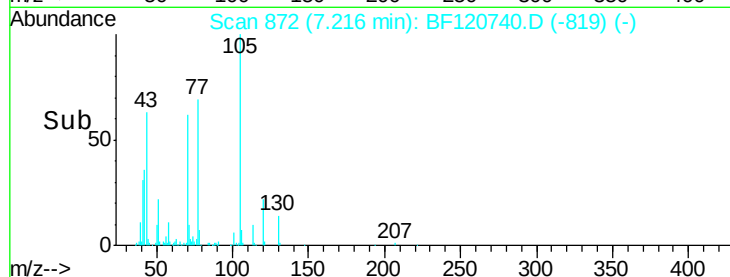
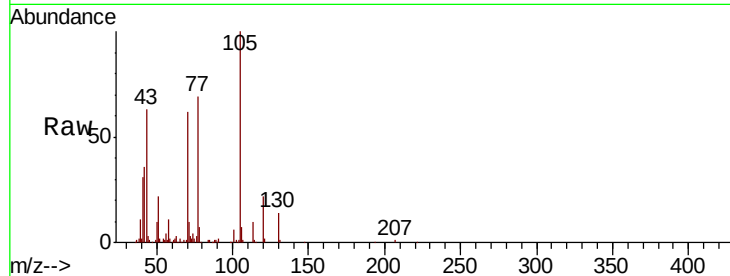
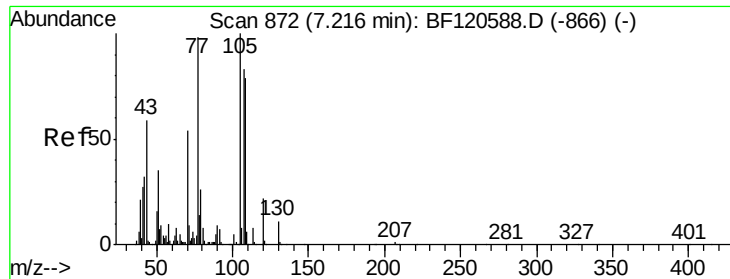
mohammad
6/30/2020 4:14:50 PM



#18
Hexachloroethane
Concen: 41.158 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

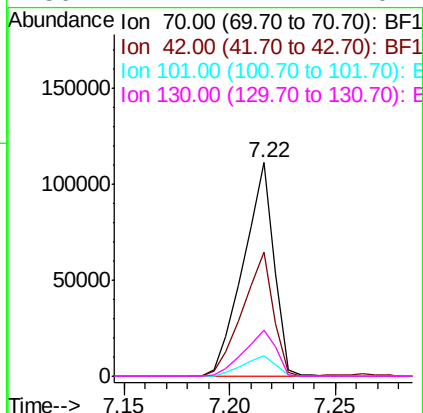
Tgt Ion	117	Resp	56777
Ion Ratio	Lower	Upper	
117	100		
119	98.9	77.1	115.7
201	107.2	86.4	129.6





#19
n-Nitroso-di-n-propylamine
Concen: 49.276 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		112441		
42	58.4	47.6	71.4		
101	9.4	7.6	11.4		
130	21.7	17.4	26.2		



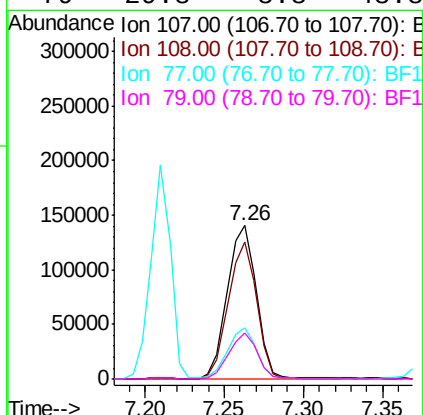
Instrument :
BNA_F
ClientSampleId :
78-64MSD

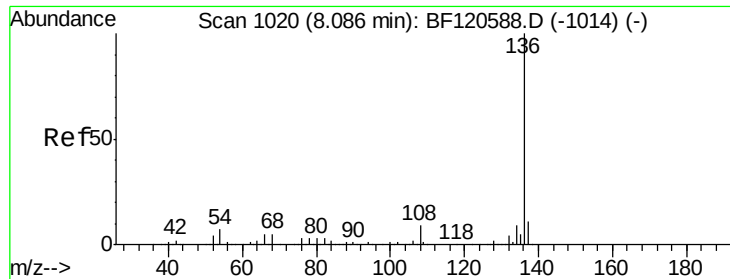
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.211 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		179589		
108	89.7	70.9	110.9		
77	33.4	95.7	135.7#		
79	29.8	8.8	48.8		





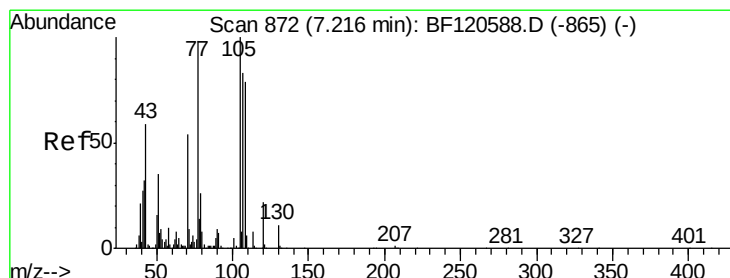
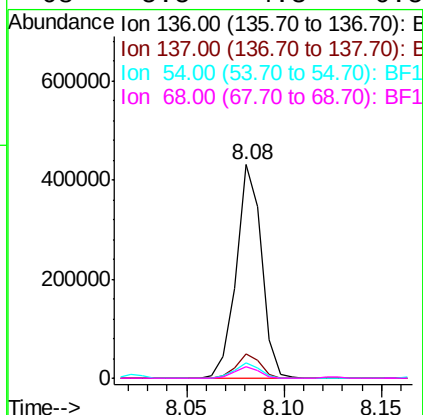
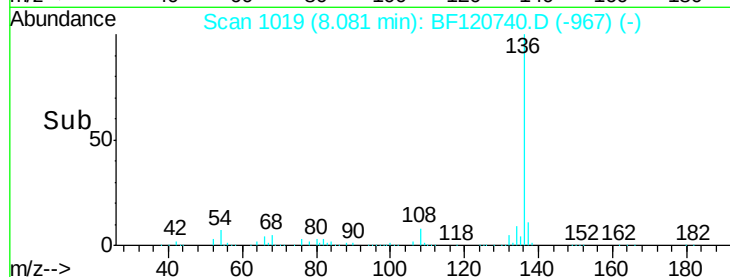
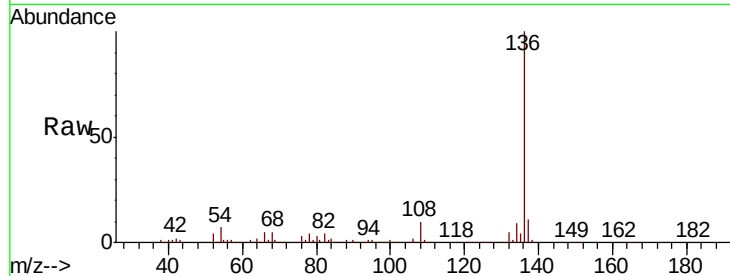
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	387505		
137	11.3		8.6	12.8
54	7.4		5.3	7.9
68	5.5		4.3	6.5

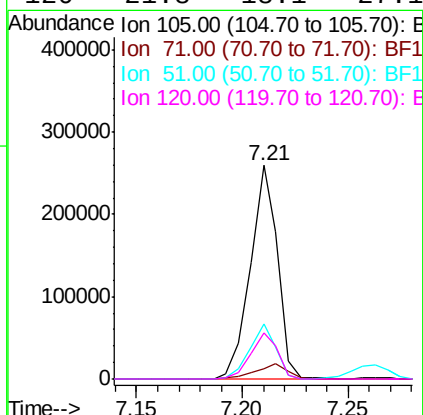
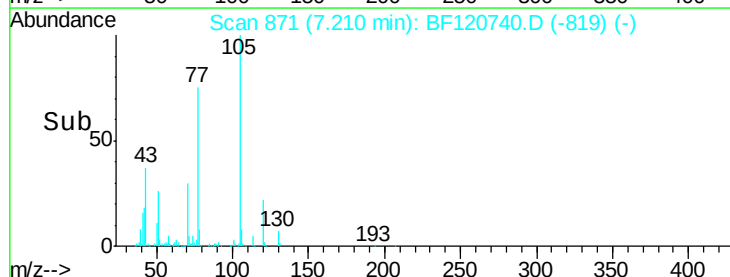
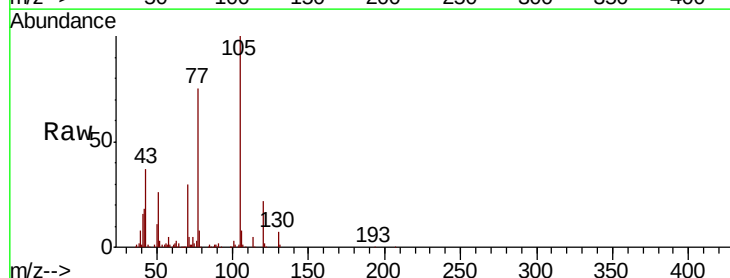
Manual Integrations
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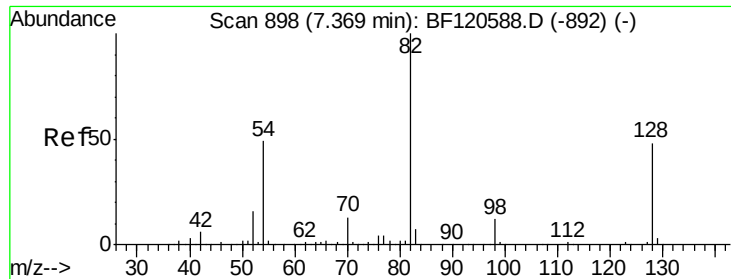
mohammad
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#22
Acetophenone
Concen: 26.738 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231645		
71	5.0		6.6	9.8#
51	26.1		27.4	41.0#
120	21.8		18.1	27.1





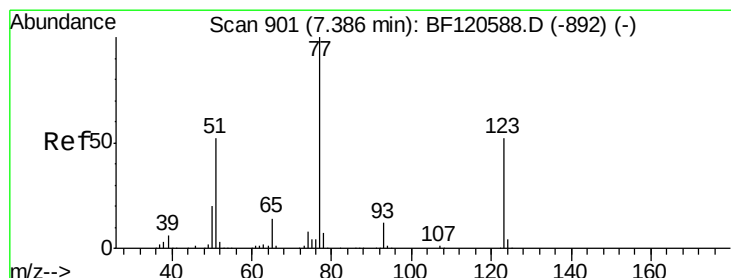
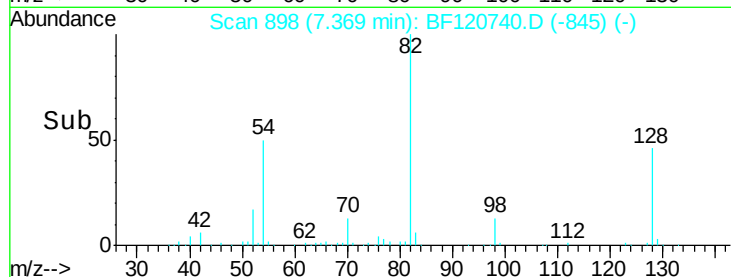
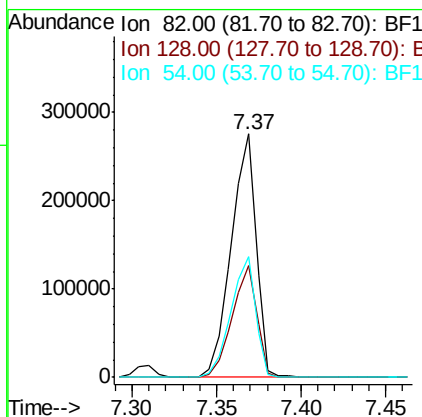
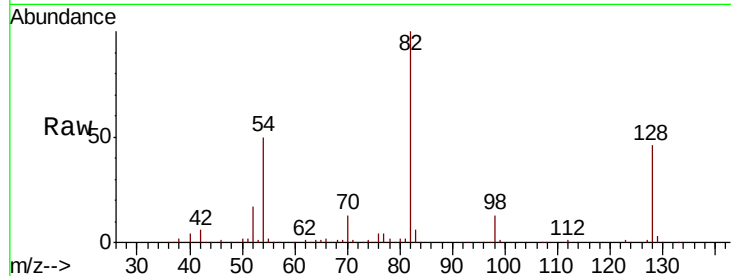
#23
 Nitrobenzene-d5
 Concen: 40.929 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.1	57.1
54	49.5	38.8	58.2

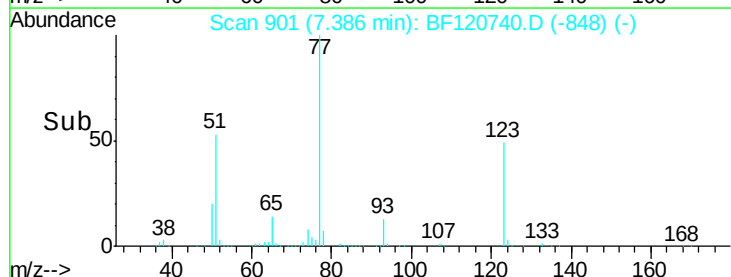
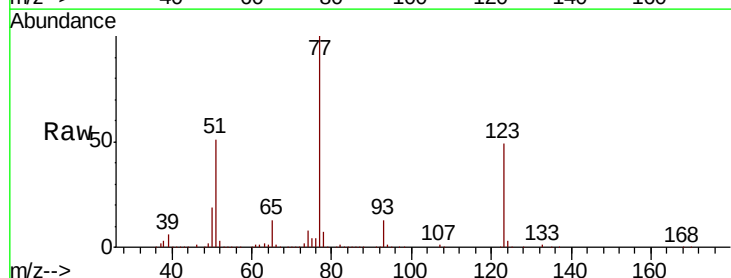
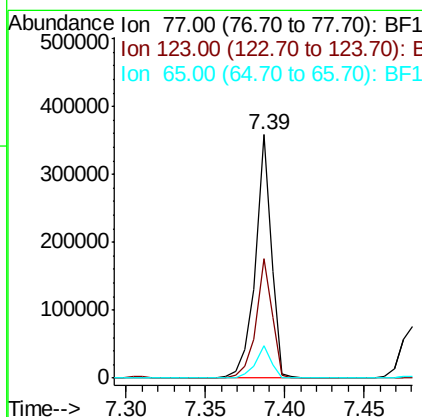
Manual Integrations
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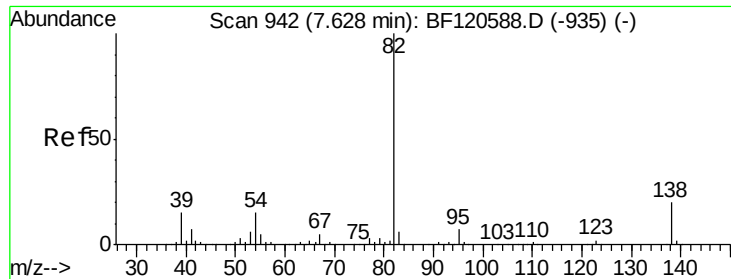
mohammad
 6/30/2020 4:14:50 PM



#24
 Nitrobenzene
 Concen: 34.421 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	41.5	62.3
65	13.1	10.9	16.3





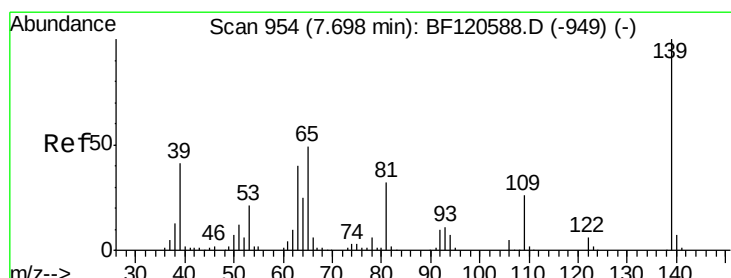
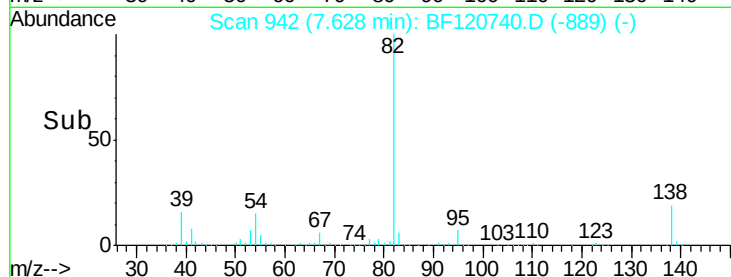
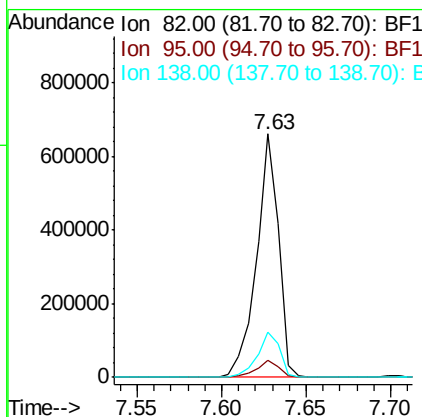
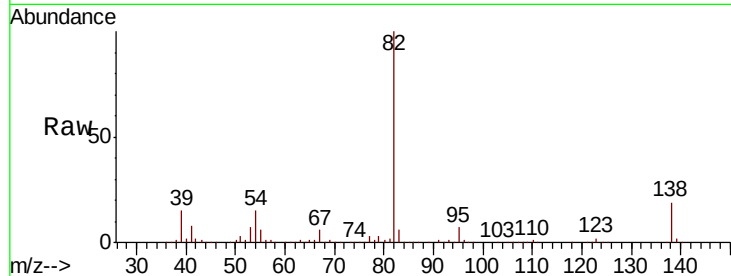
#25
Isophorone
Concen: 44.389 ng
RT: 7.63 min Scan# 942
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.6	8.4	
138	18.5	16.1	24.1	

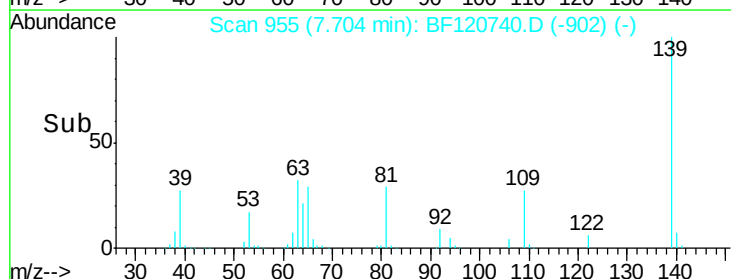
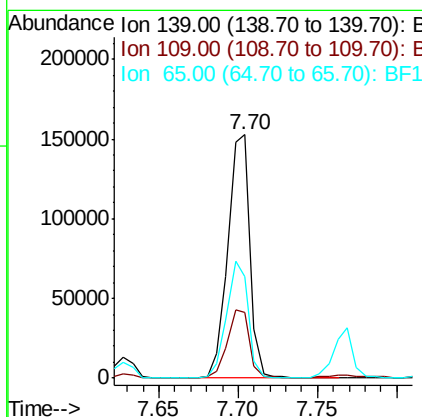
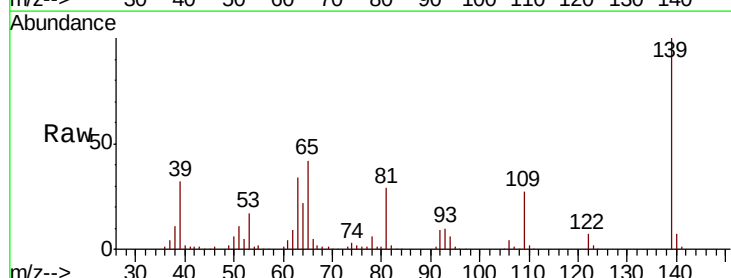
Manual Integrations
APPROVED

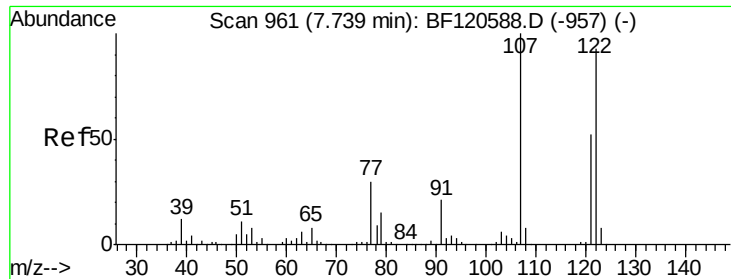
mohammad
6/30/2020 4:14:50 PM



#26
2-Nitrophenol
Concen: 38.435 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.9	20.7	31.1	
65	41.9	33.6	50.4	





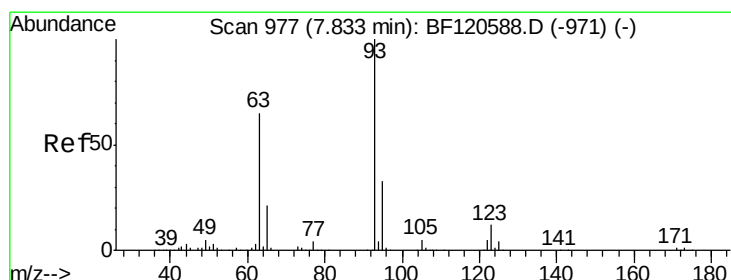
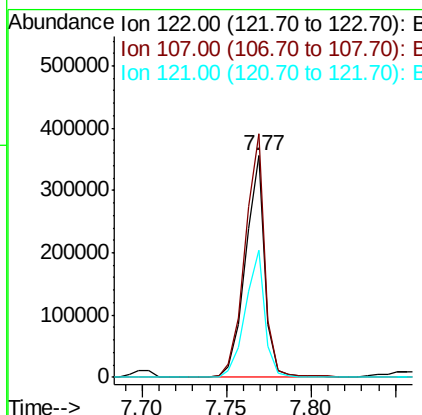
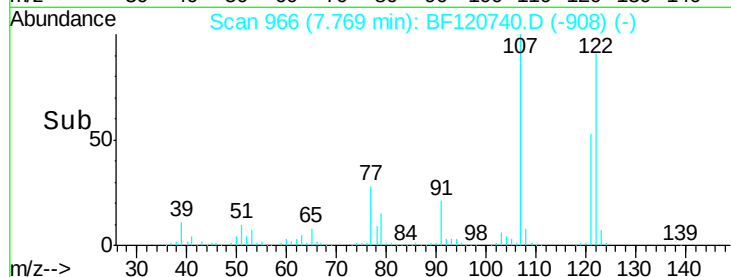
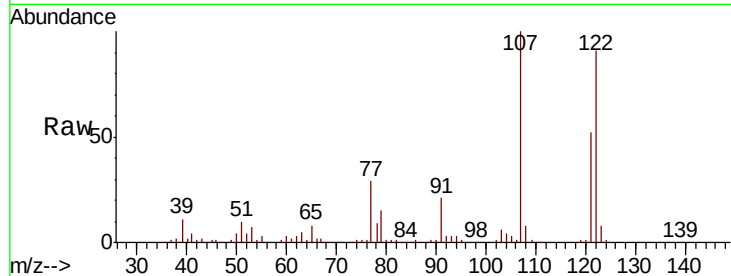
#27
2,4-Dimethylphenol
Concen: 50.539 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampled :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	285598		
107	109.9	89.4	134.2	
121	57.7	46.2	69.4	

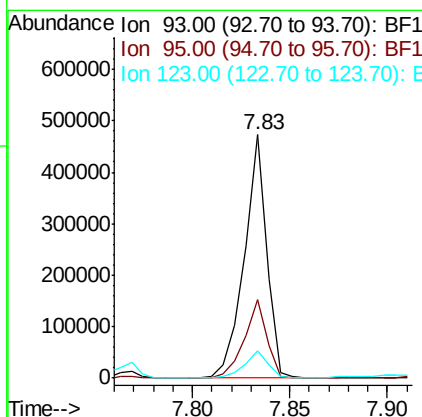
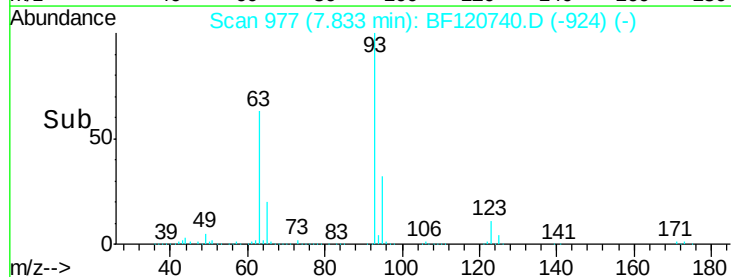
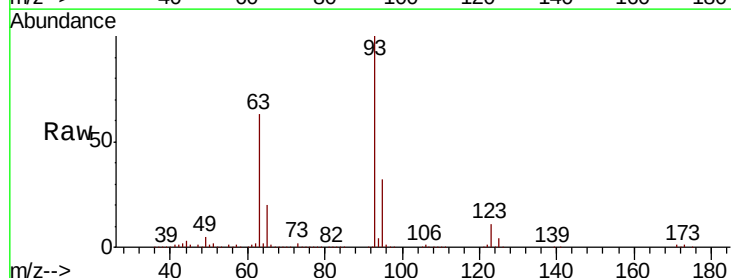
Manual Integrations
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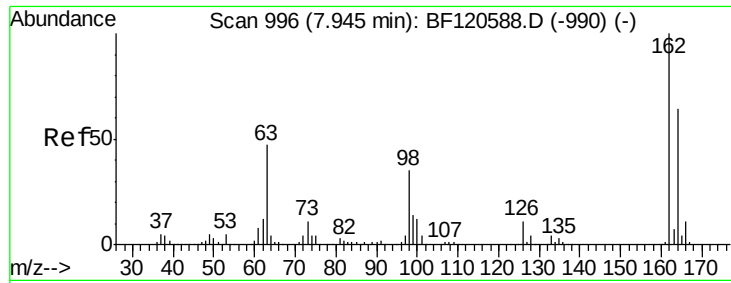
mohammad
6/30/2020 4:14:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.376 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378689		
95	32.1	26.2	39.2	
123	11.5	9.7	14.5	





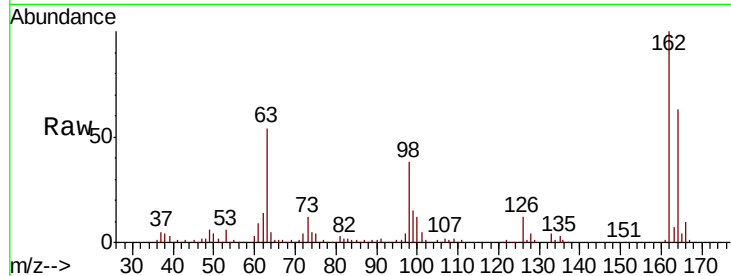
#29
 2,4-Dichlorophenol
 Concen: 48.248 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	277145		
164	63.3	45.1	85.1	
98	37.7	16.2	56.2	

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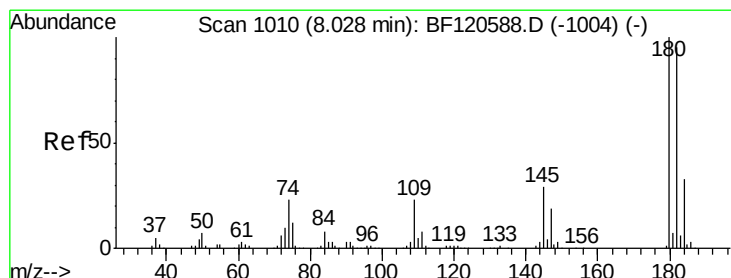
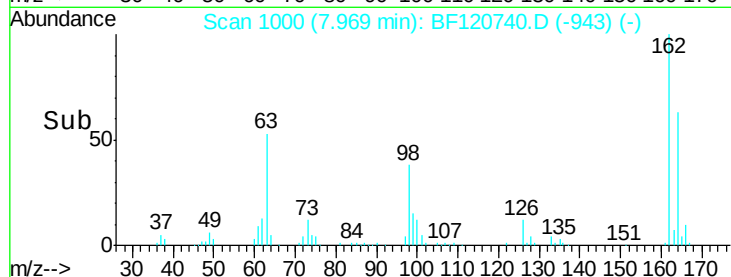
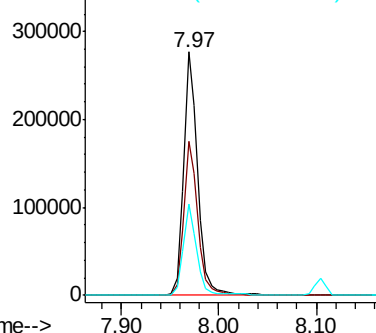


Abundance

Ion 162.00 (161.70 to 162.70): E

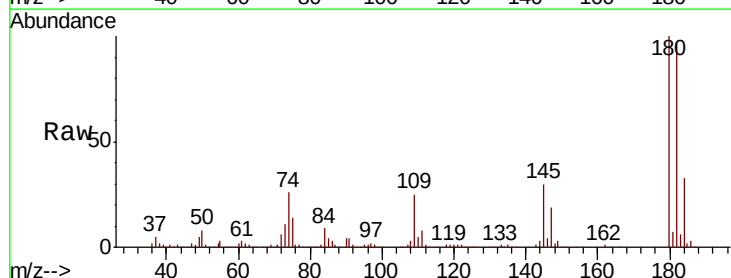
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.373 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314296		
182	96.9	76.0	114.0	
145	30.4	23.4	35.2	

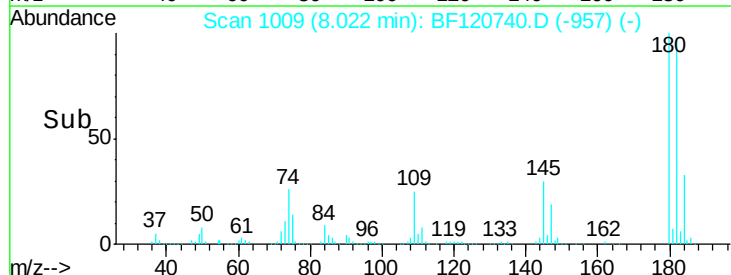
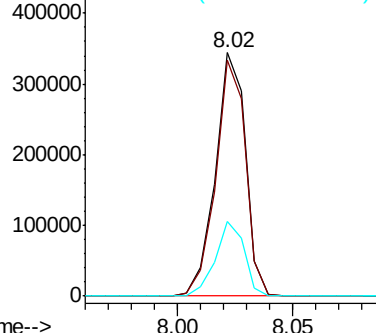


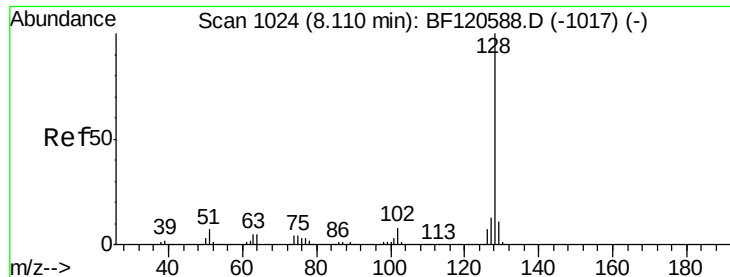
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





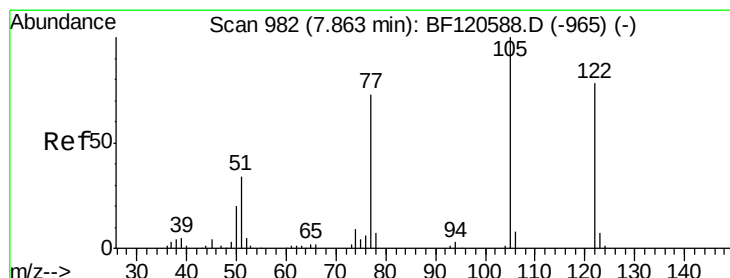
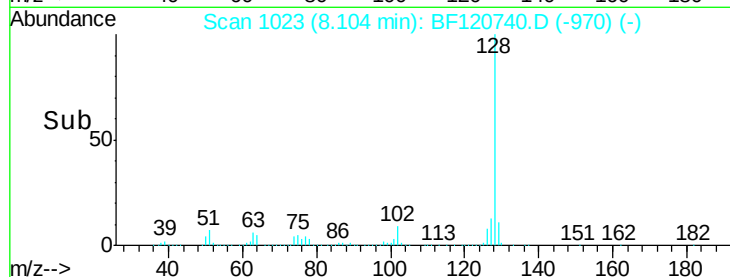
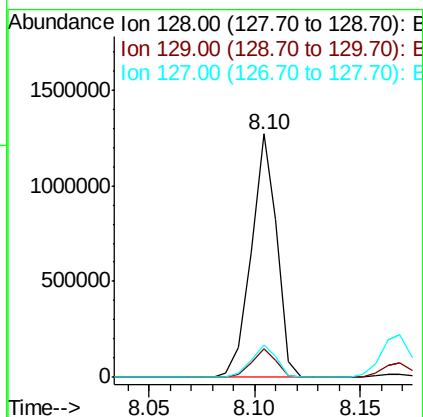
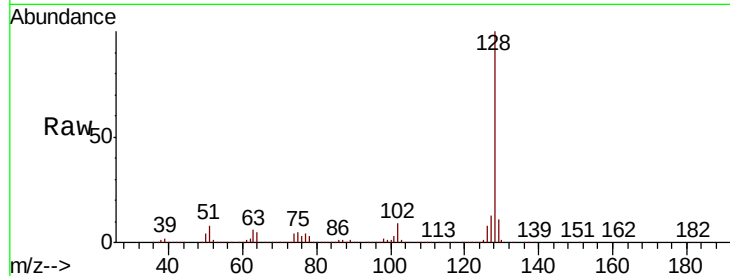
#31
Naphthalene
Concen: 55.991 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.4	10.7	16.1

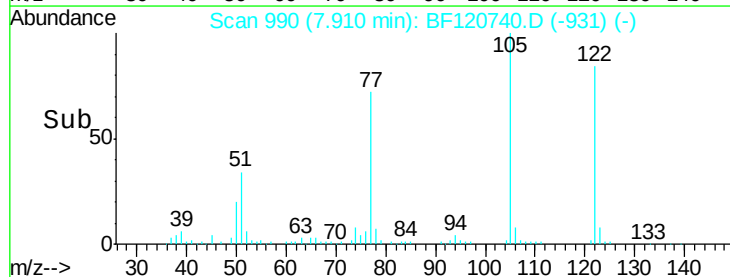
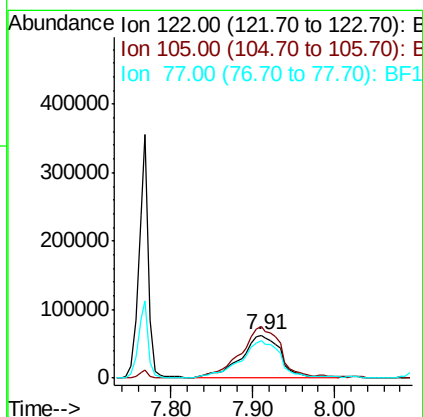
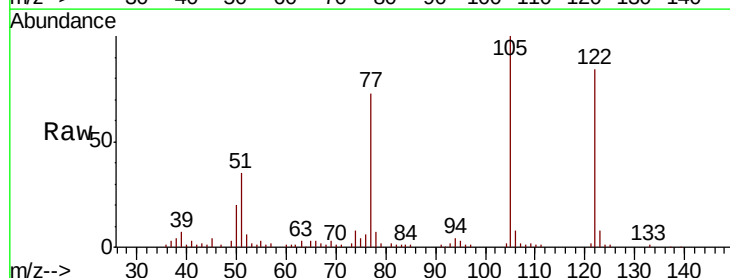
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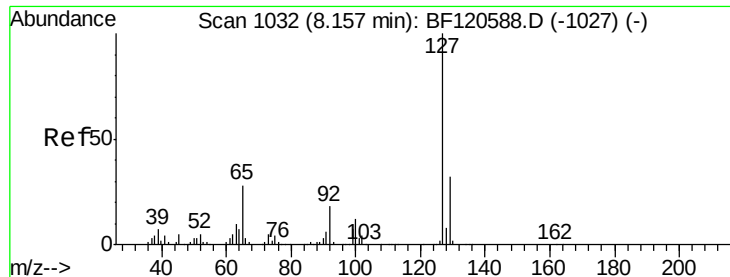
mohammad
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#32
Benzoic acid
Concen: 47.372 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	98.4	138.4
77	87.5	63.8	103.8





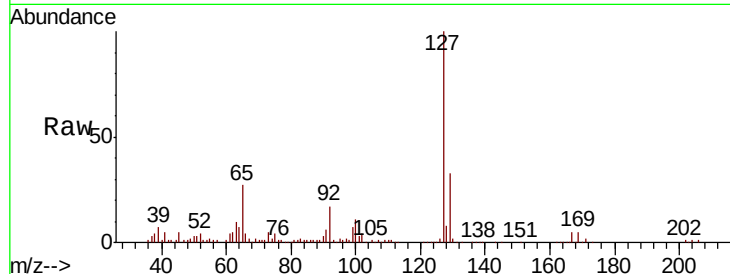
#33
4-Chloroaniline
Concen: 33.043 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

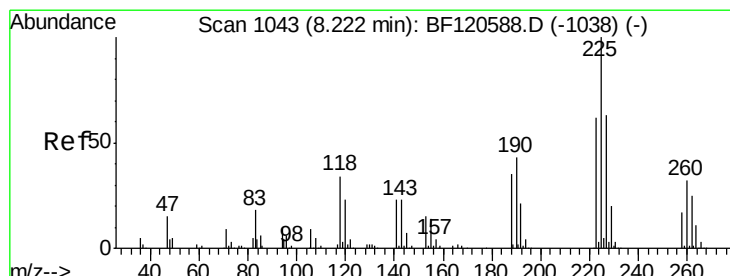
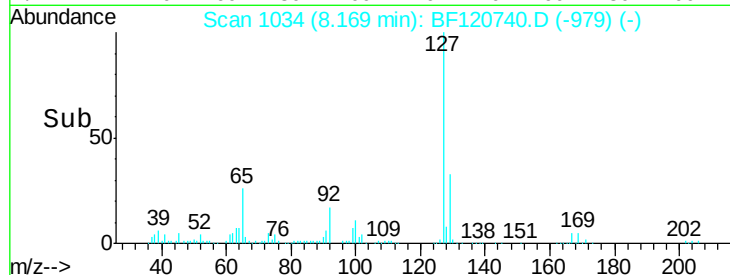
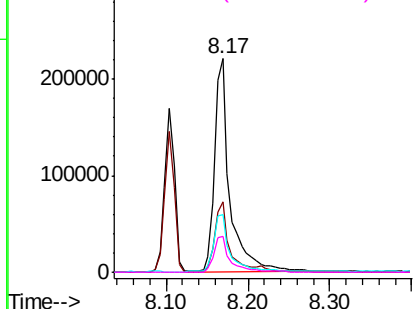
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		288582		
129	32.9	26.2	39.2		
65	27.1	21.8	32.6		
92	16.9	14.5	21.7		

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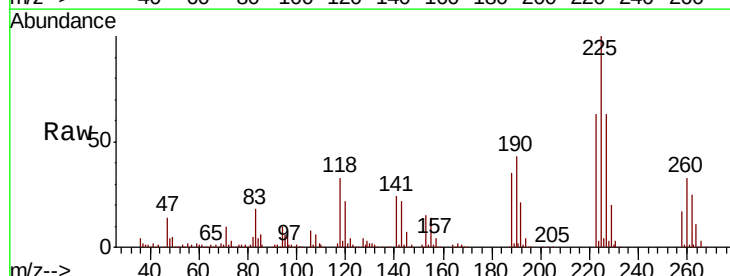


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

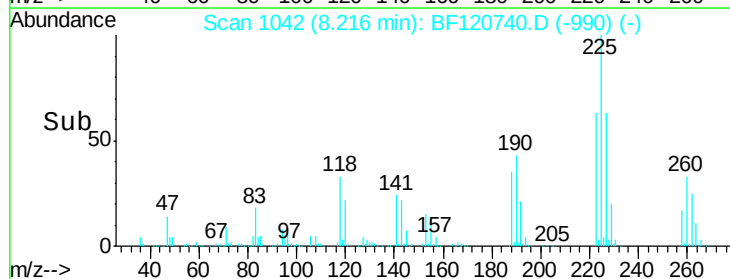
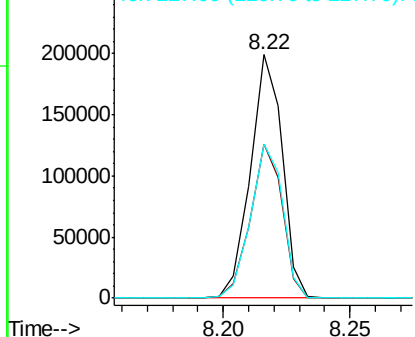


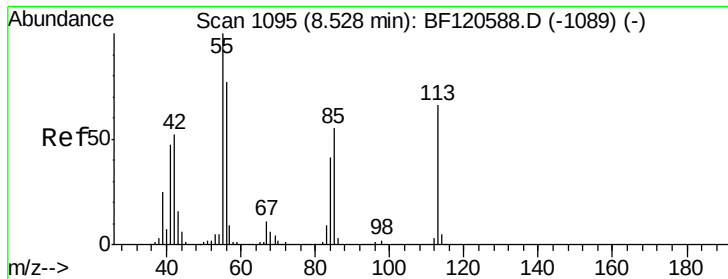
#34
Hexachlorobutadiene
Concen: 46.933 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		174153		
223	63.0	50.0	75.0		
227	63.1	50.5	75.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





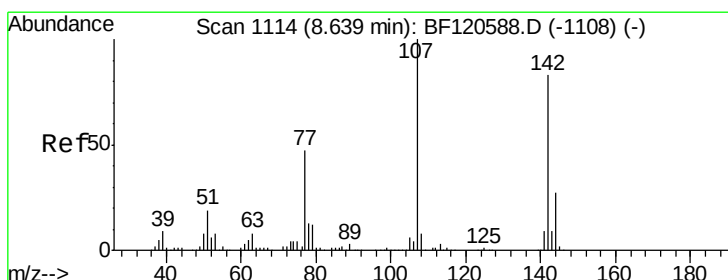
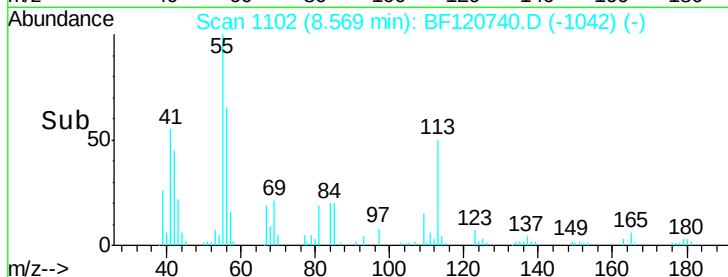
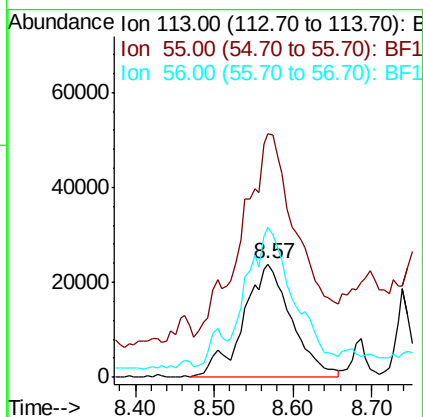
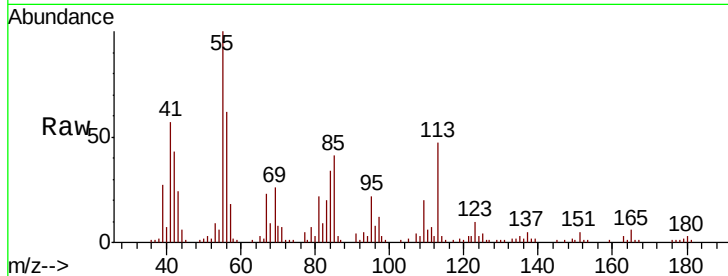
#35
 Caprolactam
 Concen: 55.327 ng m
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion:113 Resp: 101645
 Ion Ratio Lower Upper
 113 100
 55 214.7 143.7 183.7#
 56 132.7 98.6 138.6

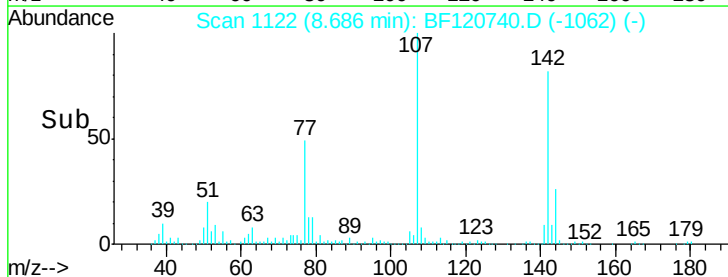
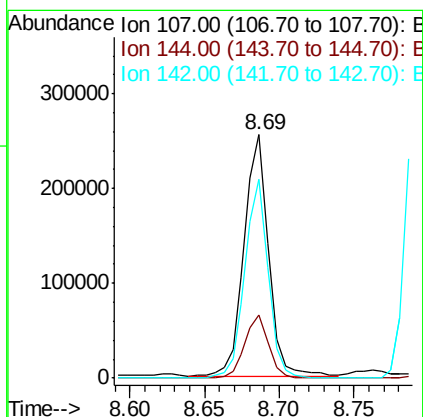
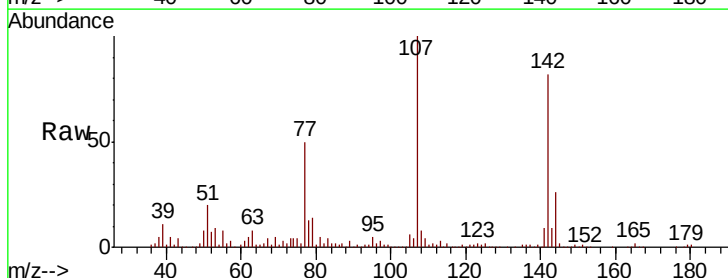
Manual Integrations
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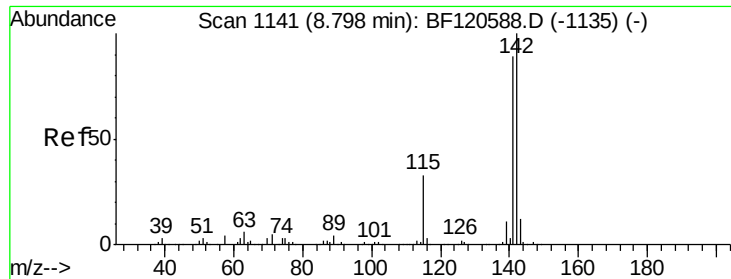
mohammad
 6/30/2020 4:14:50 PM



#36
 4-Chloro-3-methylphenol
 Concen: 50.523 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:107 Resp: 289945
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.9 32.9
 142 81.6 67.7 101.5





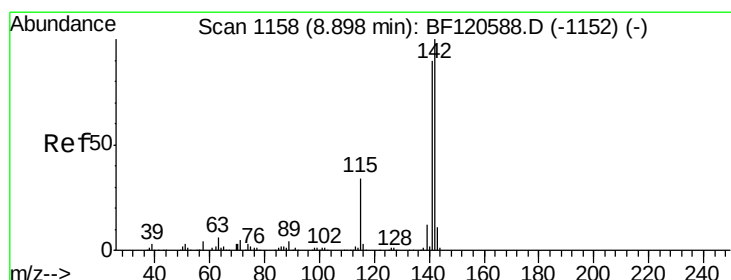
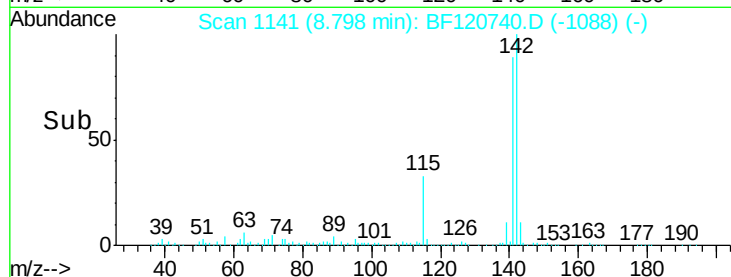
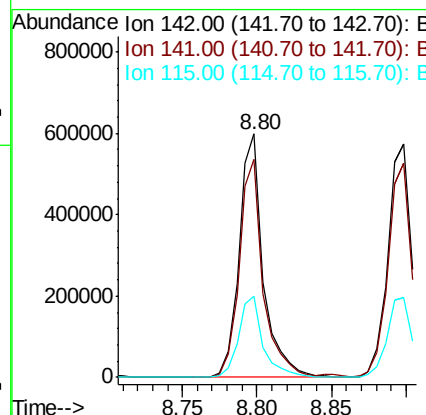
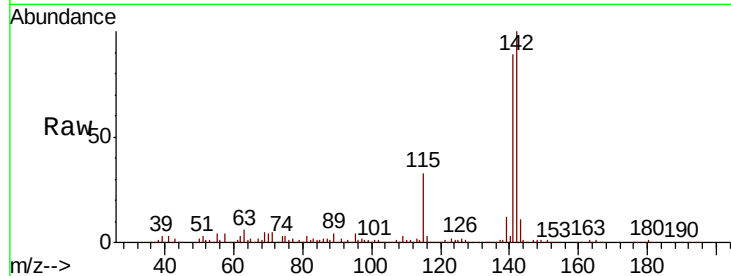
#37
2-Methylnaphthalene
Concen: 54.192 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.2	103.8
115	33.3	26.3	39.5

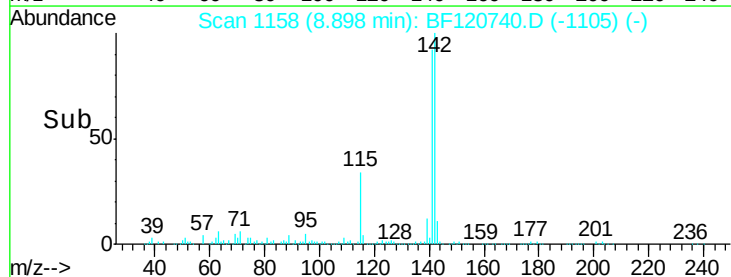
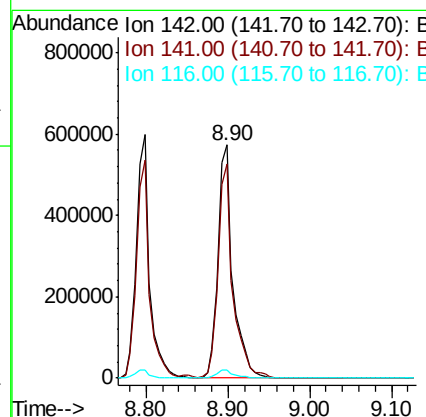
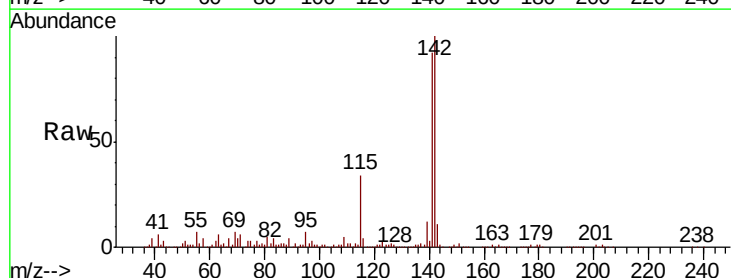
Manual Integrations
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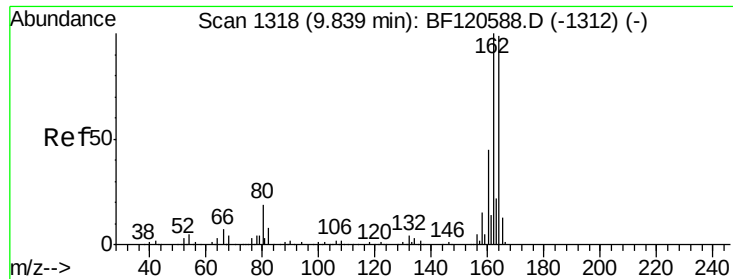
mohammad
6/30/2020 4:14:50 PM



#38
1-Methylnaphthalene
Concen: 62.065 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.7	109.1
116	3.5	2.7	4.1





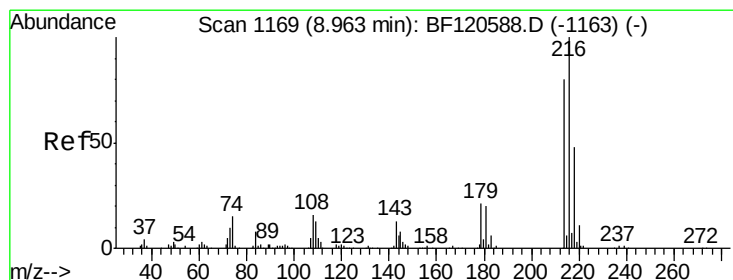
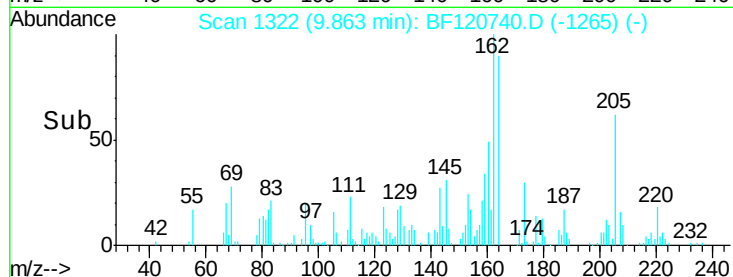
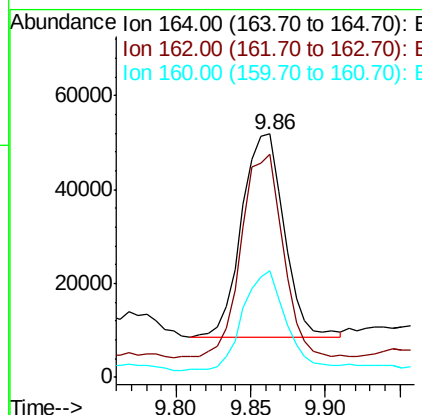
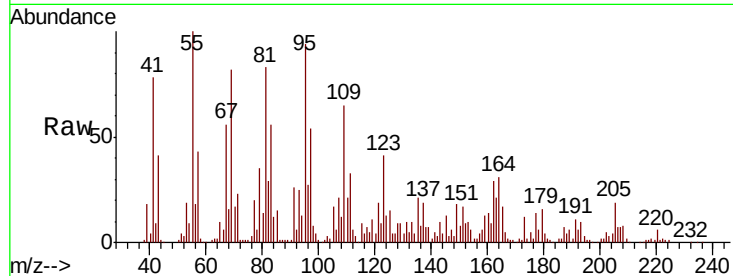
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	85053		
162	91.4		81.4	122.0
160	43.6		36.6	55.0

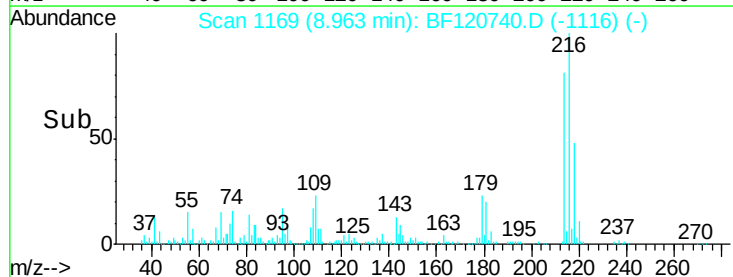
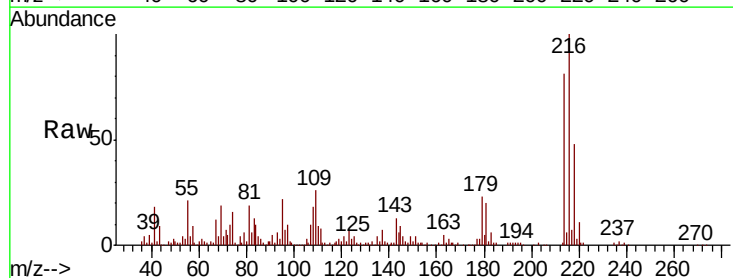
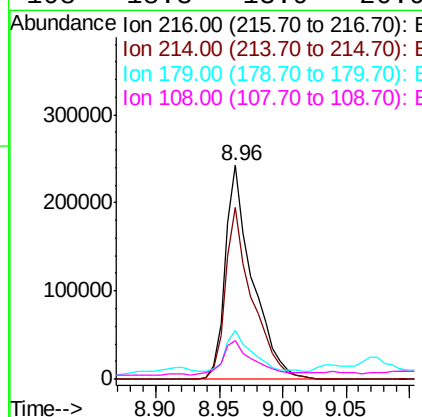
Manual Integrations
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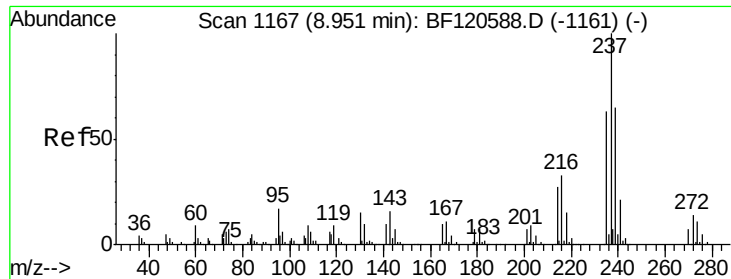
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 140.684 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	357284		
214	79.4		63.1	94.7
179	18.3		16.3	24.5
108	18.3		13.9	20.9





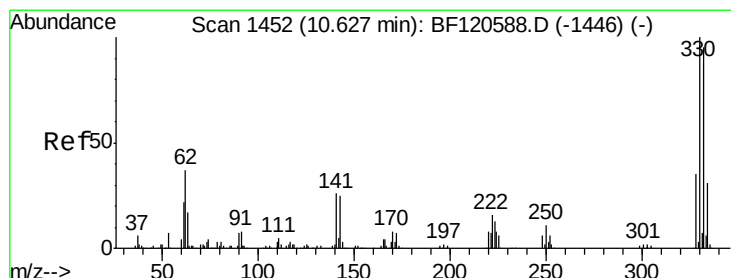
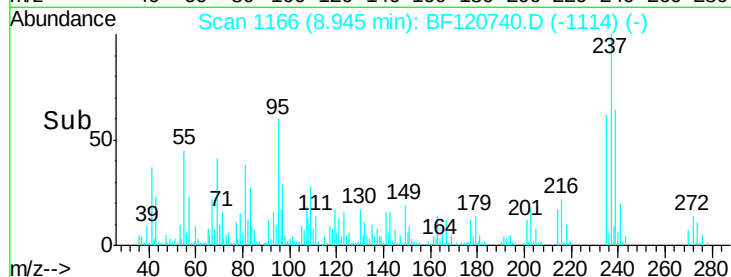
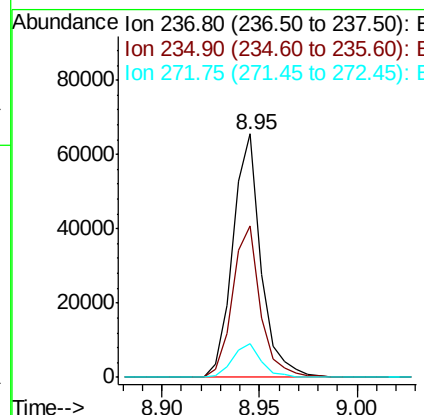
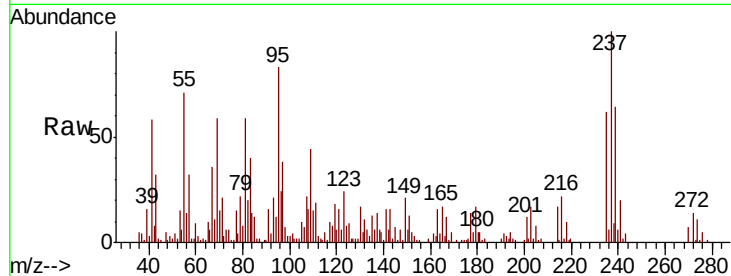
#41
Hexachlorocyclopentadiene
Concen: 45.849 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.2	82.2
272	13.6	0.0	33.6

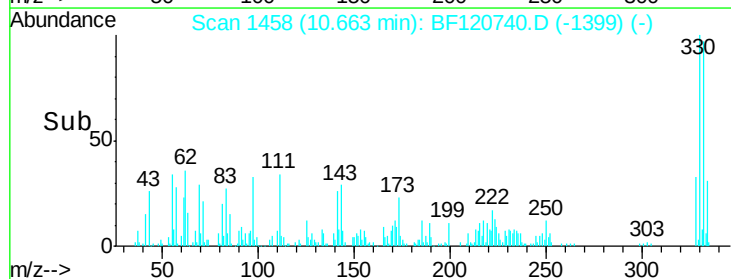
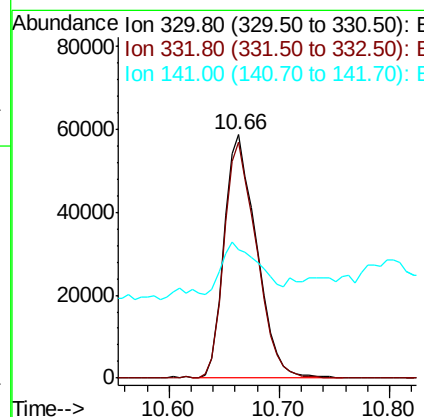
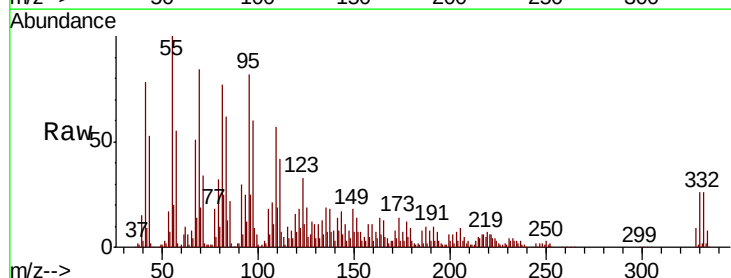
Manual Integrations
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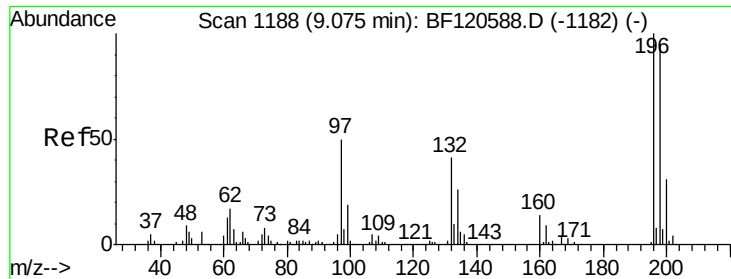
mohammad
6/30/2020 4:14:50 PM



#42
2,4,6-Tribromophenol
Concen: 121.991 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.4	114.6
141	24.2	23.0	34.6





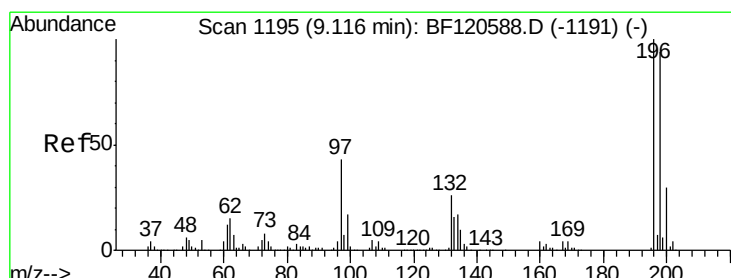
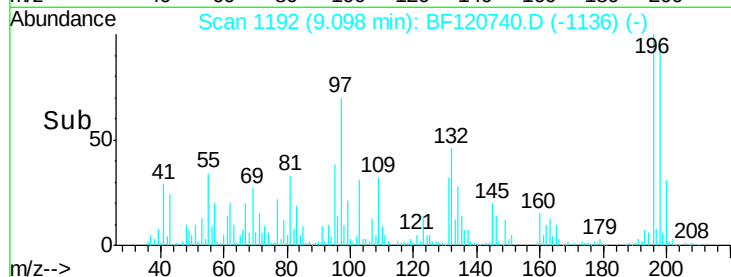
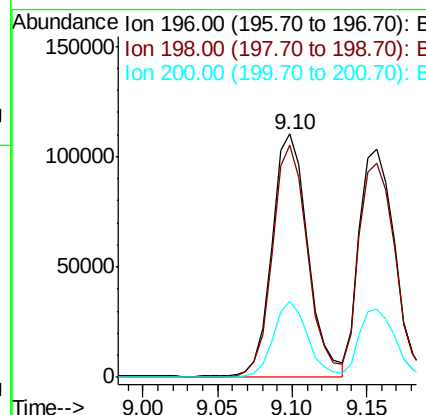
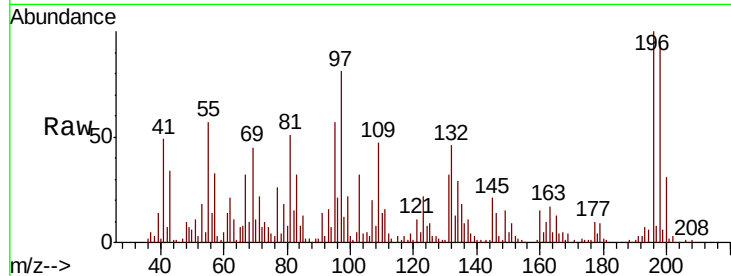
#43
 2,4,6-Trichlorophenol
 Concen: 101.821 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.03 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampled :
 78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183431		
198	95.1	77.8	116.6	
200	31.4	24.7	37.1	

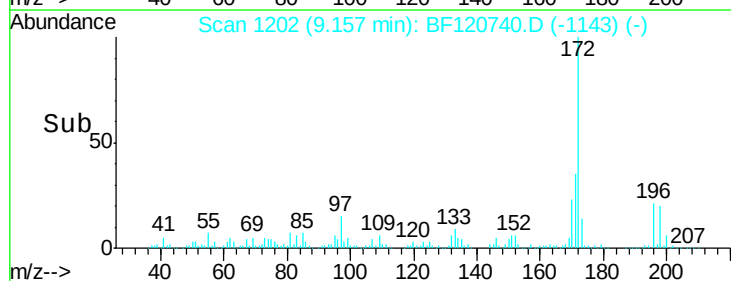
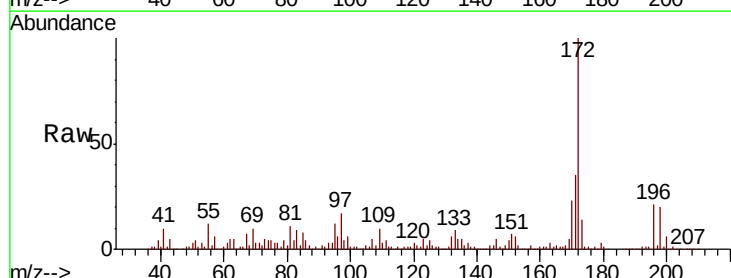
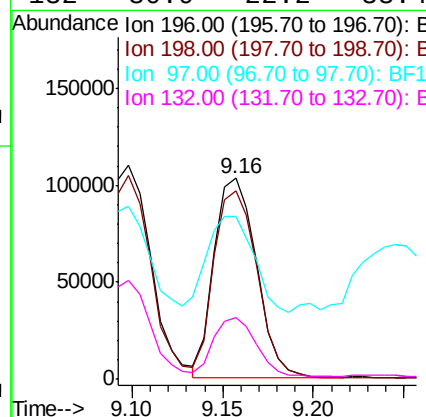
Manual Integrations
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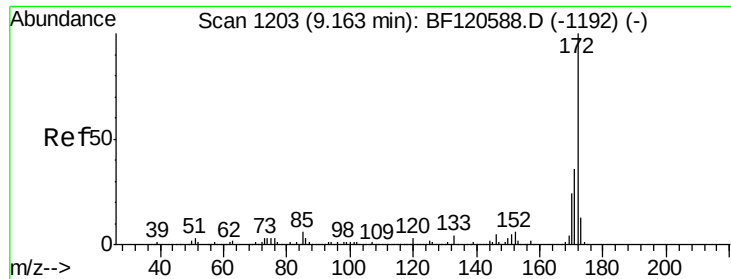
mohammad
 6/30/2020 4:14:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 82.008 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167612		
198	93.5	76.2	114.2	
97	80.8	35.8	53.8	
132	30.9	22.2	33.4	





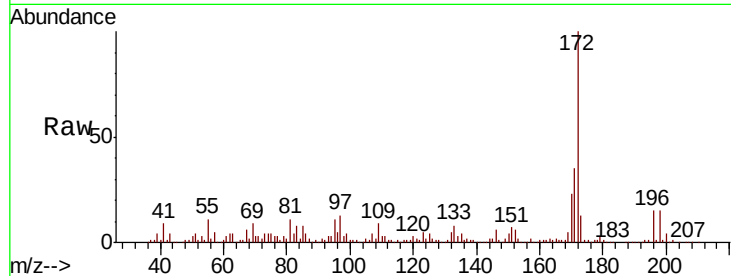
#45
2-Fluorobiphenyl
Concen: 173.077 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

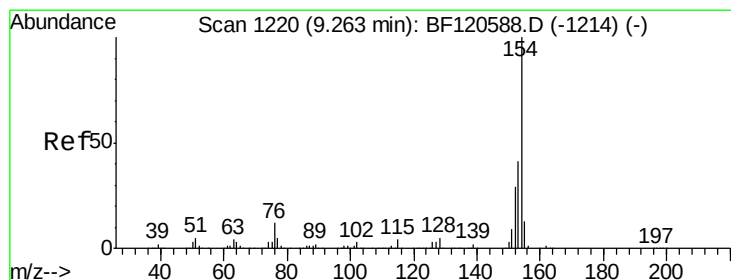
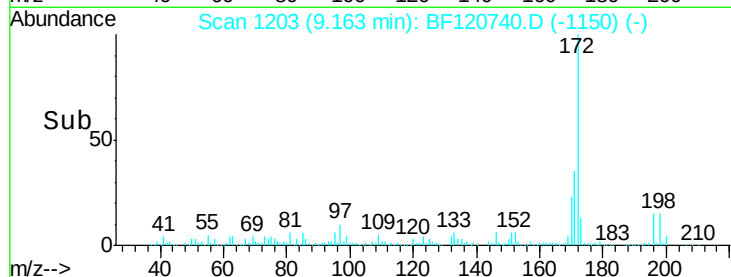
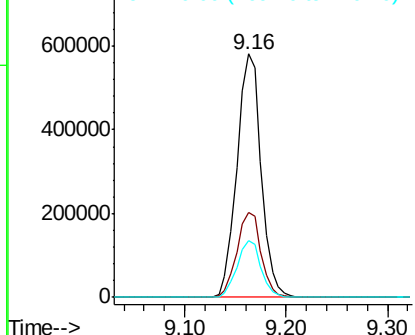
Tot Ion:	172	Resp:	962145
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	43.0
170	23.4	19.1	28.7

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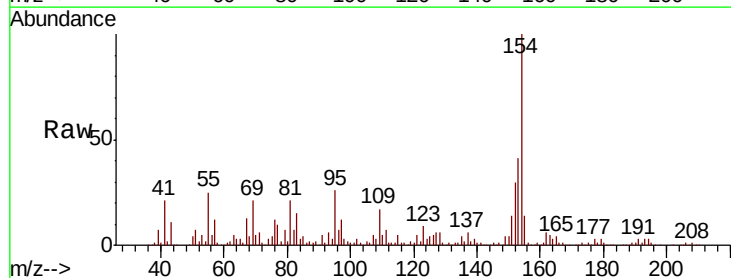


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

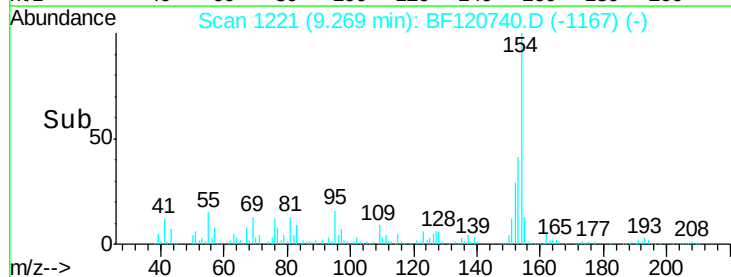
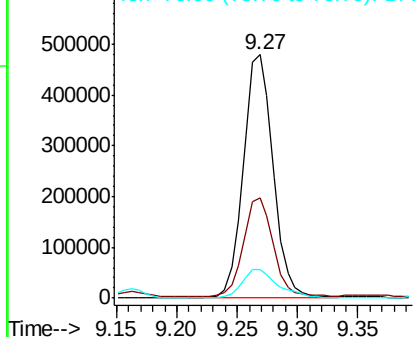


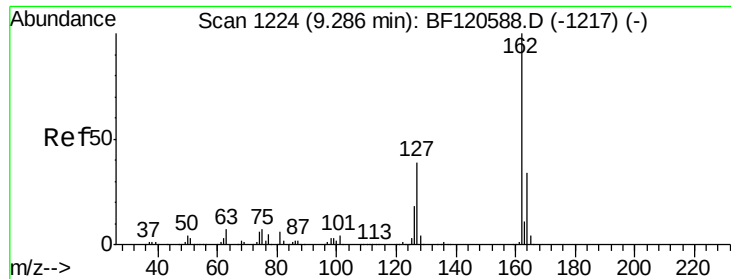
#46
1,1'-Biphenyl
Concen: 129.137 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	154	Resp:	820146
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.9	59.9
76	12.0	0.0	31.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





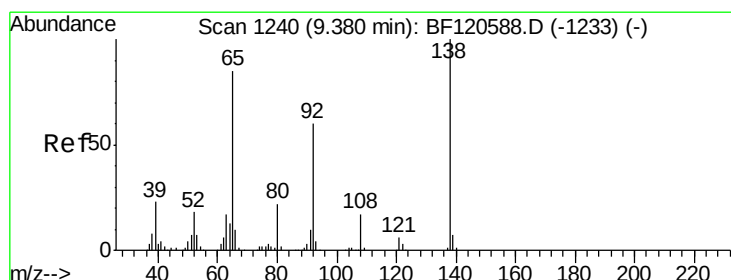
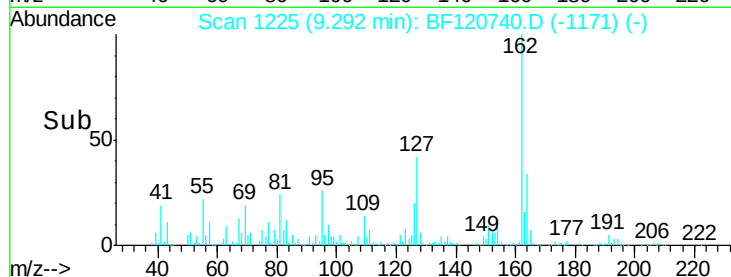
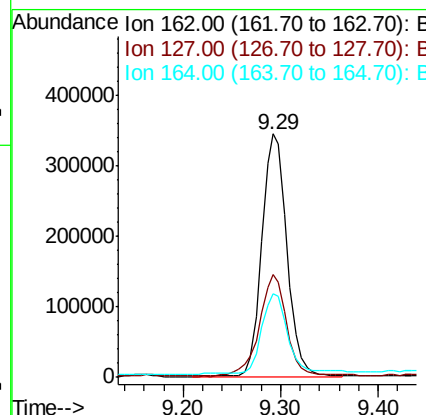
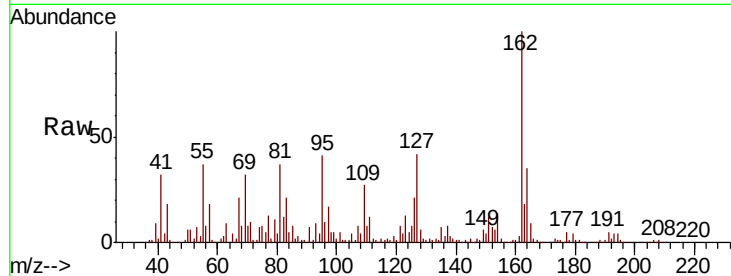
#47
2-Chloronaphthalene
Concen: 119.651 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.2	46.8
164	34.5	26.6	40.0

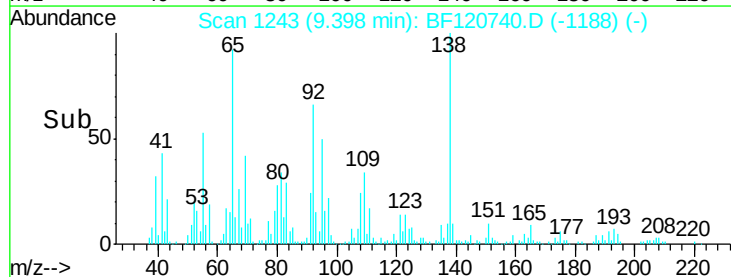
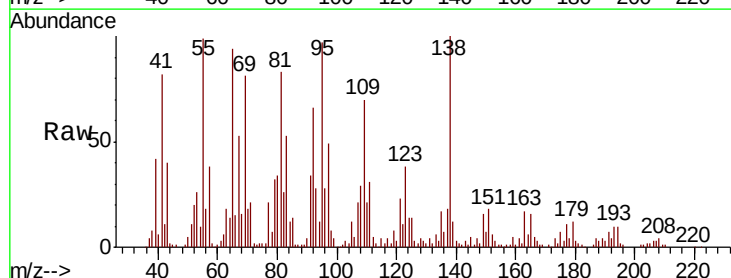
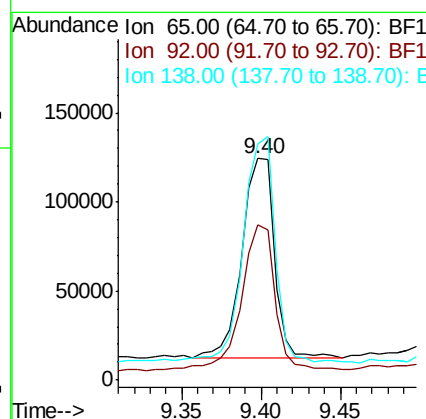
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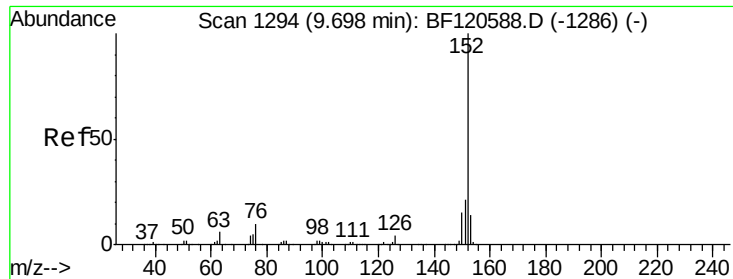
mohammad
6/30/2020 4:14:50 PM



#48
2-Nitroaniline
Concen: 97.367 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.7	86.5
138	106.2	96.6	145.0





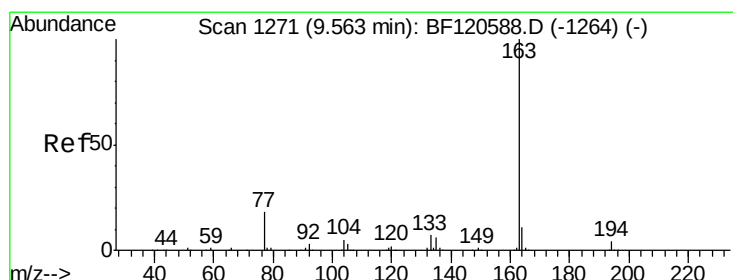
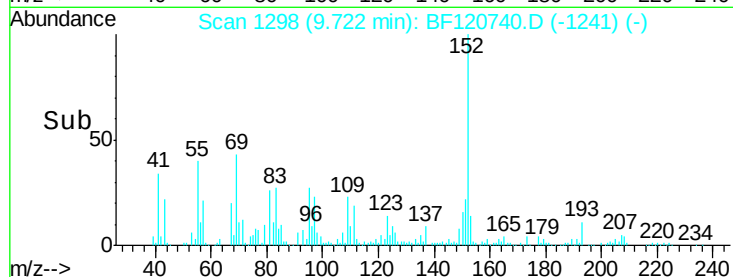
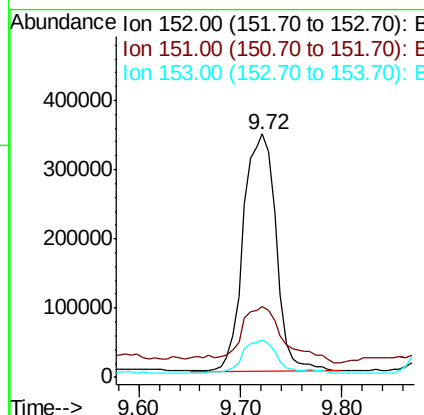
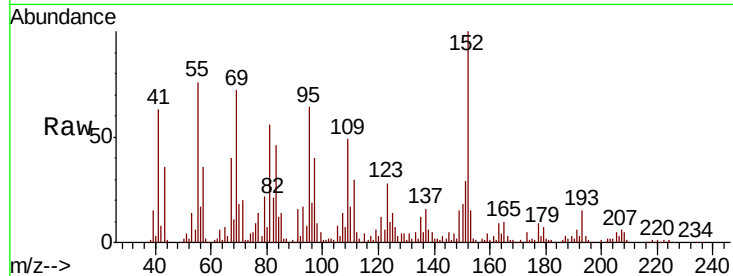
#49
Acenaphthylene
Concen: 95.595 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:	152	Resp:	766201
Ion Ratio	Lower	Upper	
152	100		
151	29.0	15.8	23.8#
153	15.3	10.9	16.3

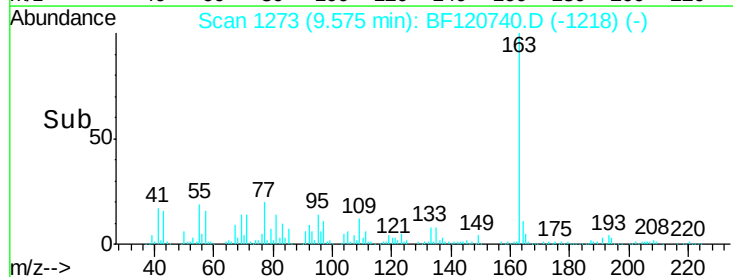
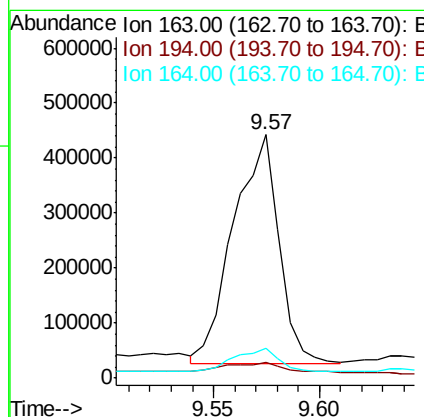
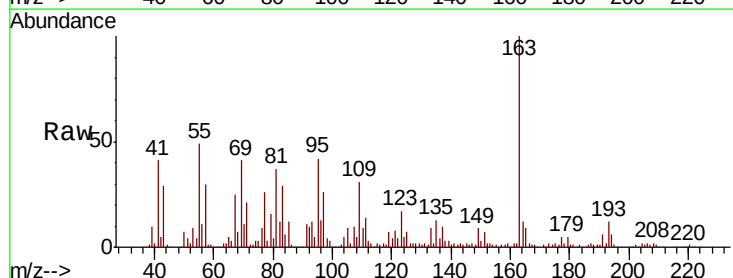
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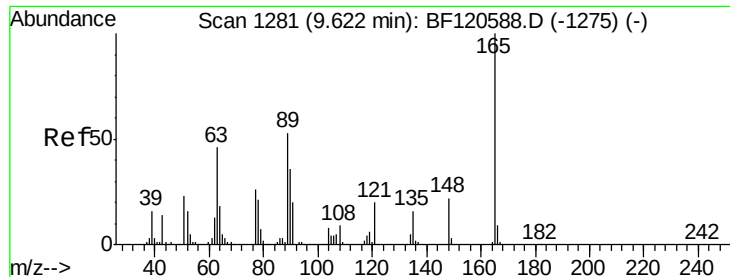
mohammad
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#50
Dimethylphthalate
Concen: 101.246 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	163	Resp:	620188
Ion Ratio	Lower	Upper	
163	100		
194	6.3	3.0	4.6#
164	12.1	8.2	12.2





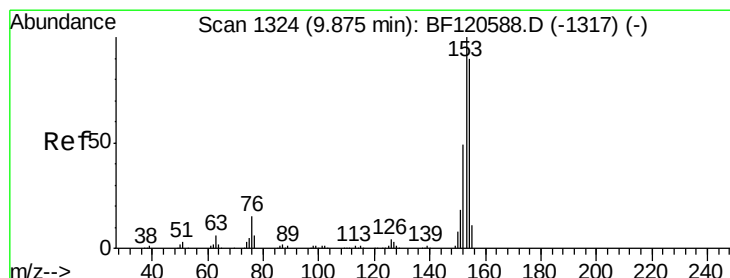
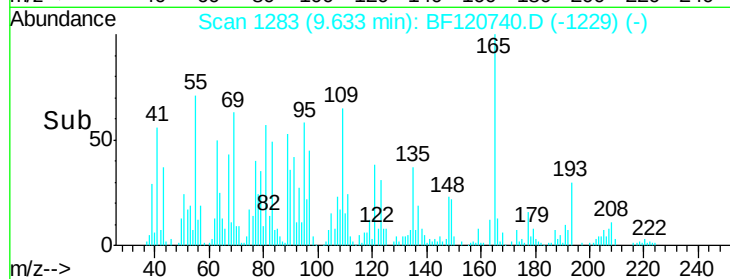
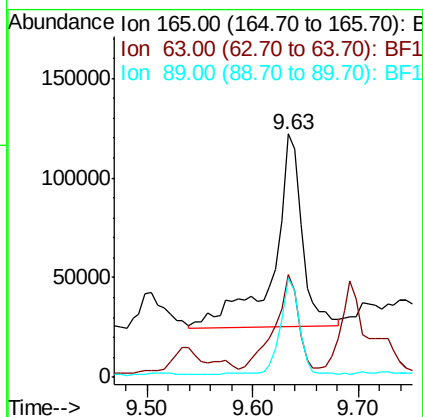
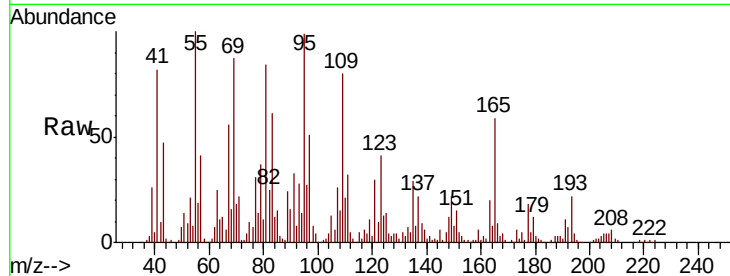
#51
2,6-Dinitrotoluene
Concen: 130.250 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampled :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	180816		
63	42.3		36.8	55.2
89	40.6		39.4	59.0

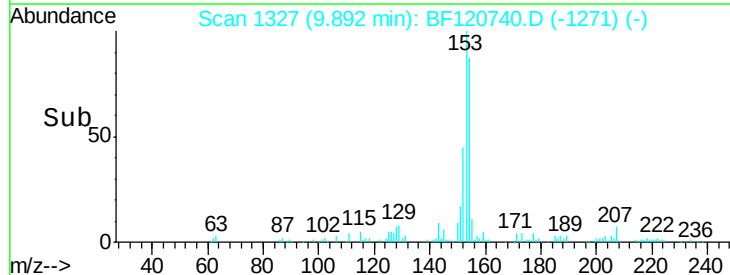
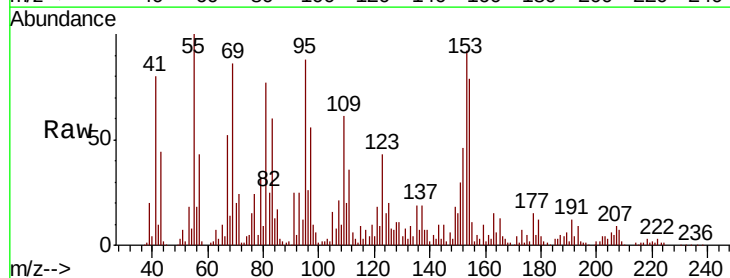
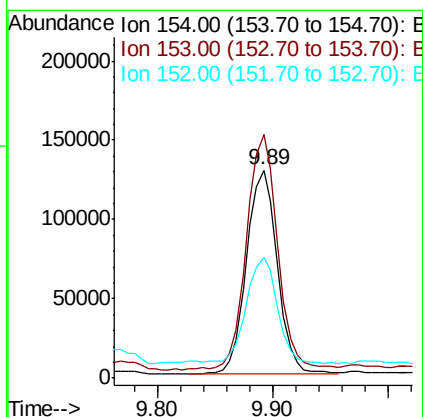
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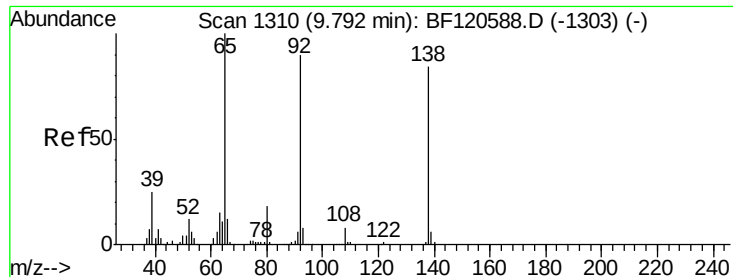
mohammad
6/30/2020 4:14:50 PM



#52
Acenaphthene
Concen: 50.504 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.03 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	241421		
153	117.2		90.1	135.1
152	58.0		43.1	64.7





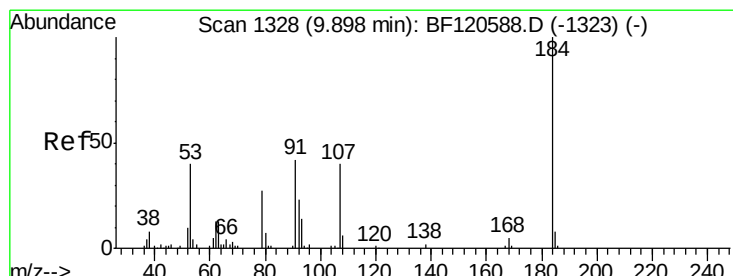
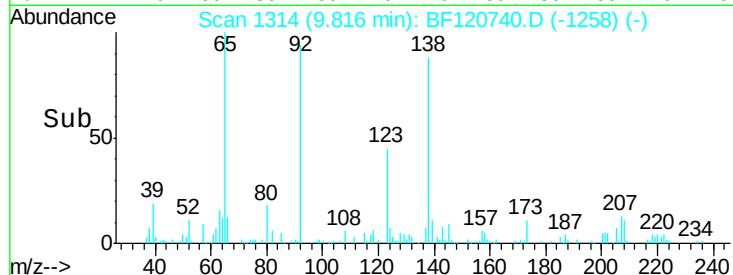
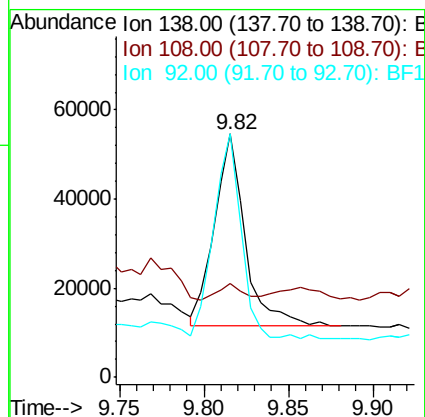
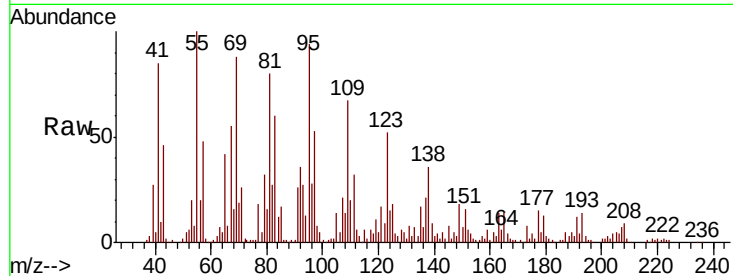
#53
3-Nitroaniline
Concen: 32.986 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	38.3	7.6	11.4#
92	99.9	82.2	123.4

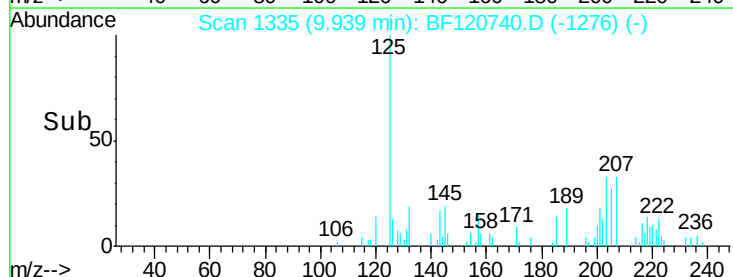
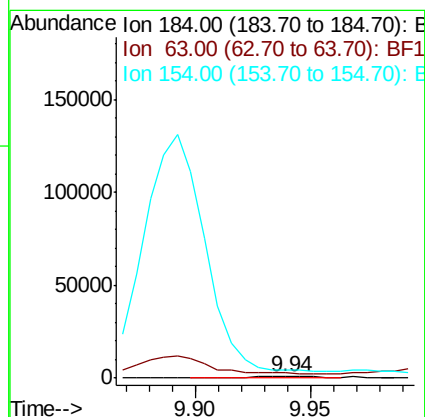
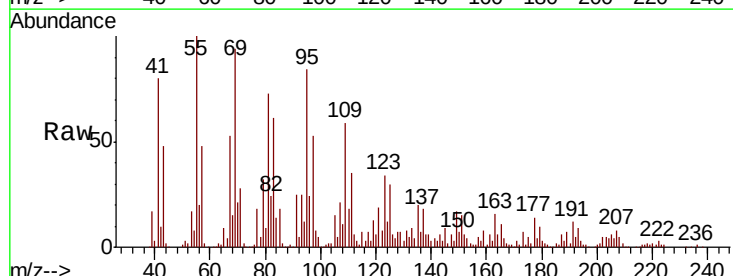
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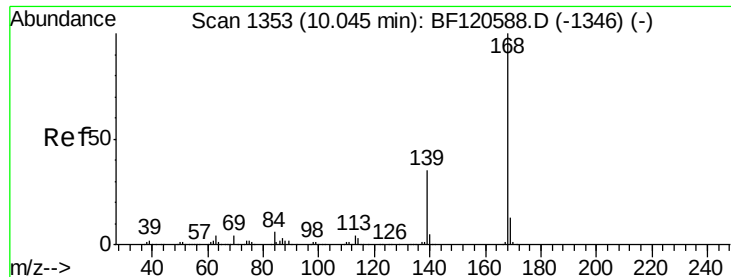
mohammad
6/30/2020 4:14:50 PM



#54
2,4-Dinitrophenol
Concen: 5.300 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	401.4	47.4	71.0#
154	596.6	45.3	67.9#





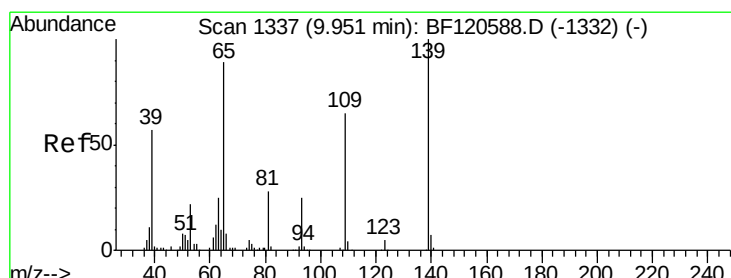
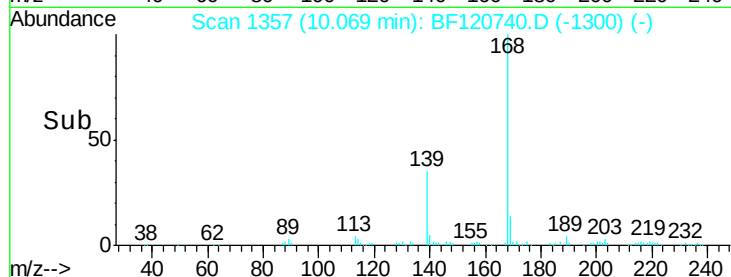
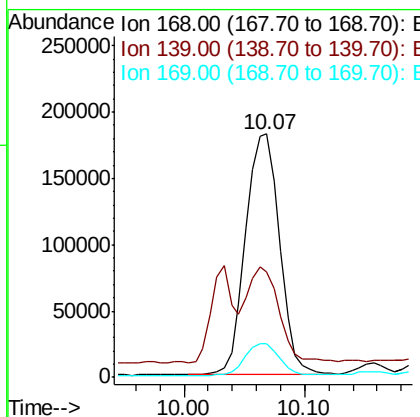
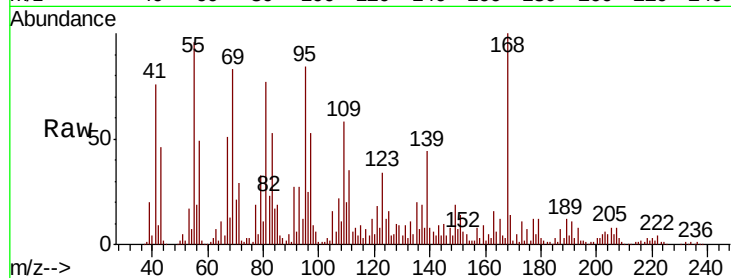
#55
Dibenzofuran
Concen: 49.262 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampled :
78-64MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	28.6	43.0#
169	14.0	10.7	16.1

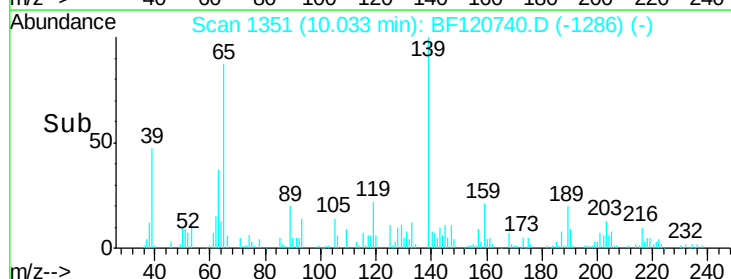
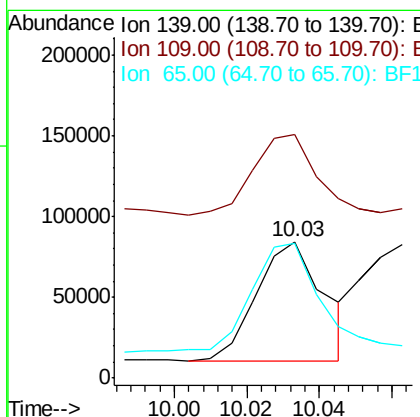
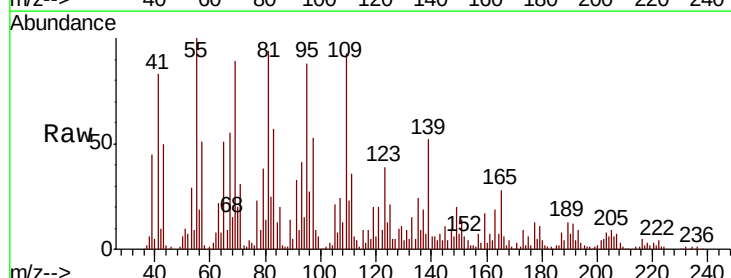
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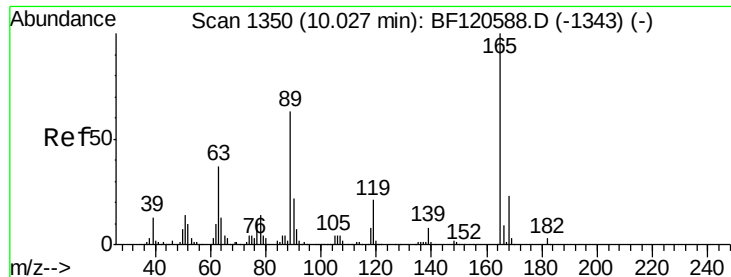
mohammad
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#56
4-Nitrophenol
Concen: 75.655 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.08 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	178.7	44.5	84.5#
65	99.1	69.7	109.7





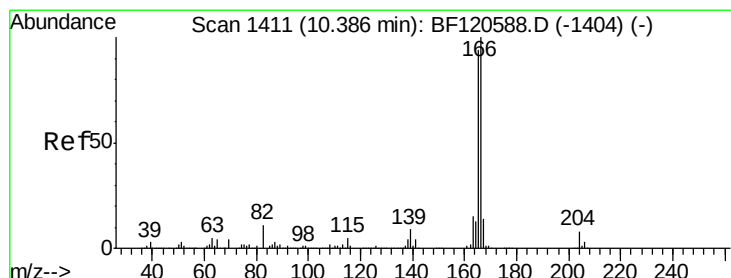
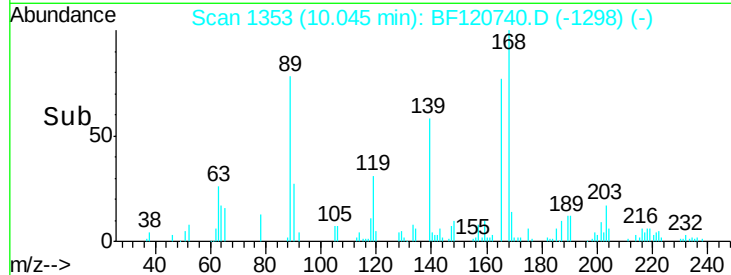
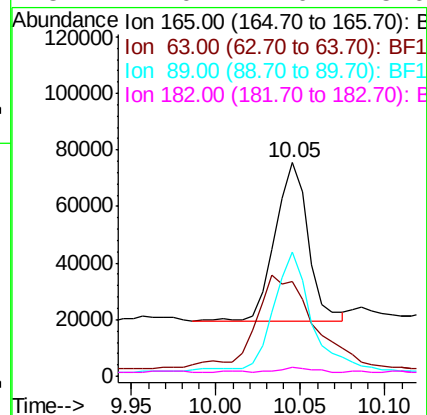
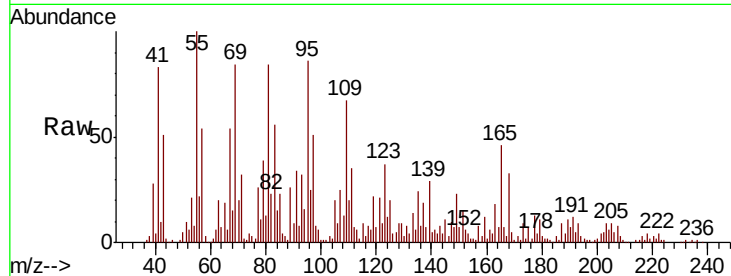
#57
2,4-Dinitrotoluene
Concen: 41.662 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	76745		
63	44.4	30.1	45.1	
89	58.1	49.2	73.8	
182	4.0	2.0	3.0	

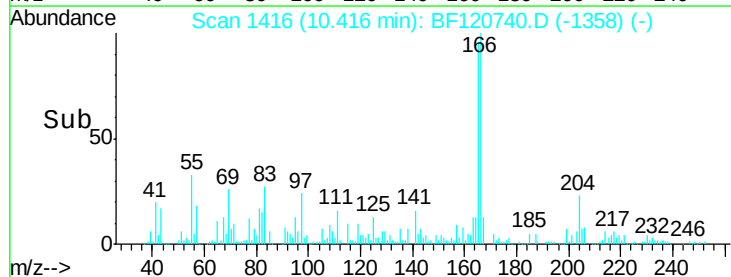
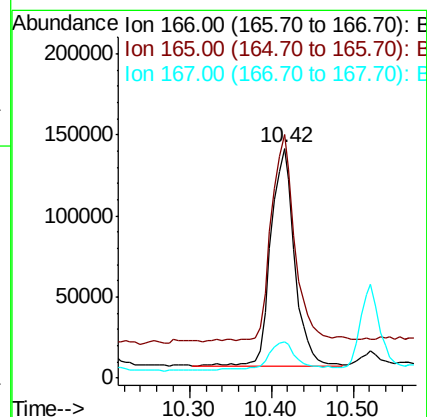
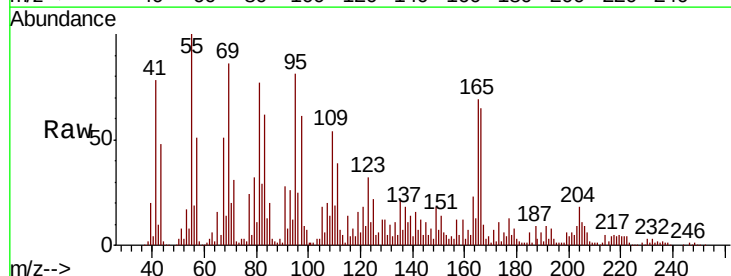
Manual Integrations
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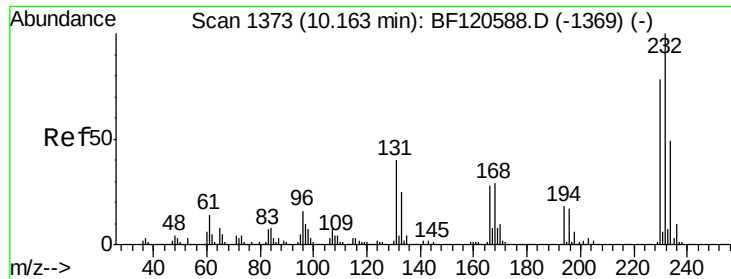
mohammad
6/30/2020 4:14:50 PM



#58
Fluorene
Concen: 47.589 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	268893		
165	105.8	74.6	112.0	
167	15.9	10.9	16.3	





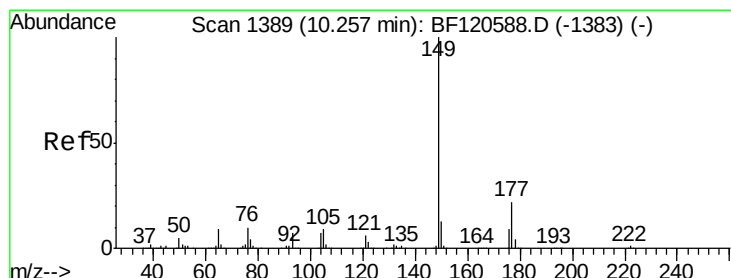
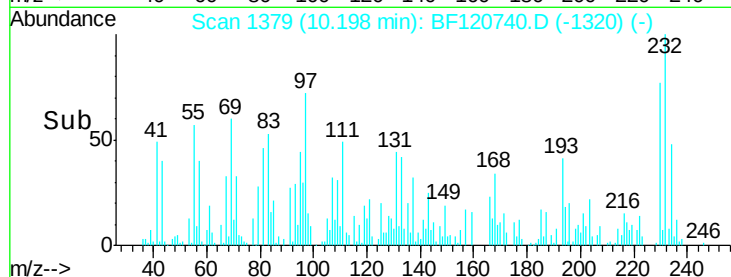
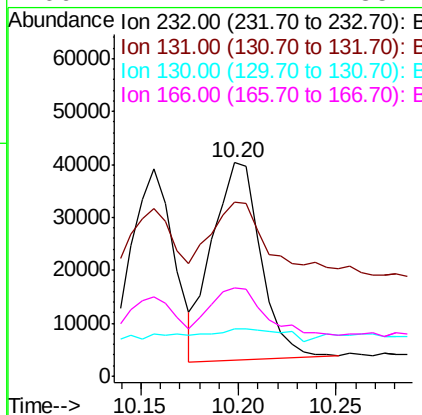
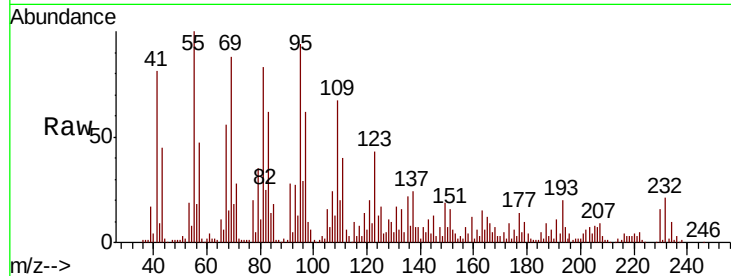
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.980 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

Tot Ion:	232	Resp:	64287
Ion Ratio	Lower	Upper	
232	100		
131	66.4	32.4	48.6#
130	0.0	1.4	2.2#
166	27.2	22.1	33.1

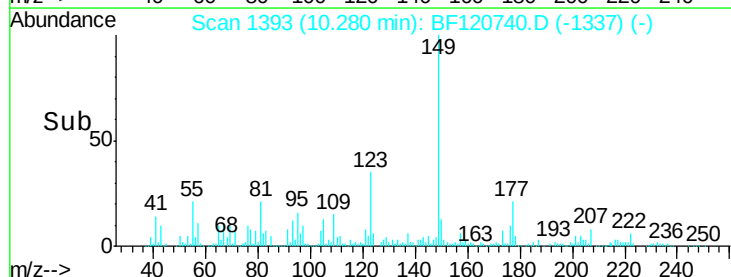
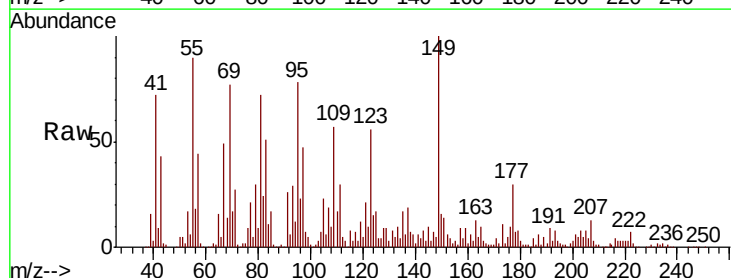
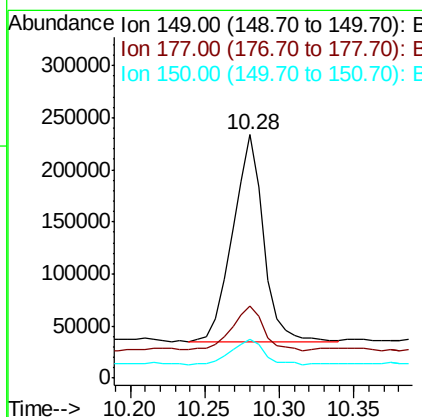
Manual Integrations
 APPROVED

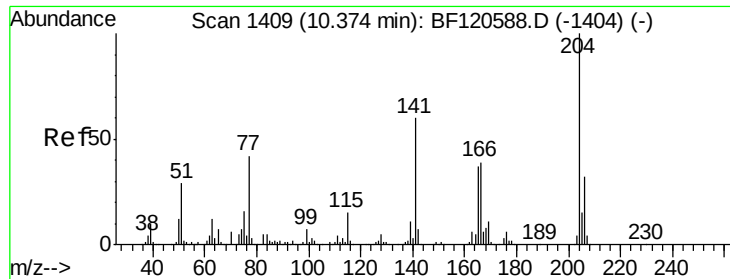
mohammad
 6/30/2020 4:14:50 PM



#60
 Diethylphthalate
 Concen: 47.858 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.03 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:	149	Resp:	288728
Ion Ratio	Lower	Upper	
149	100		
177	29.6	18.0	27.0#
150	16.1	9.8	14.6#





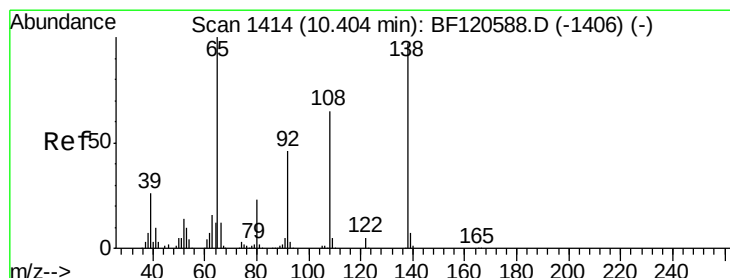
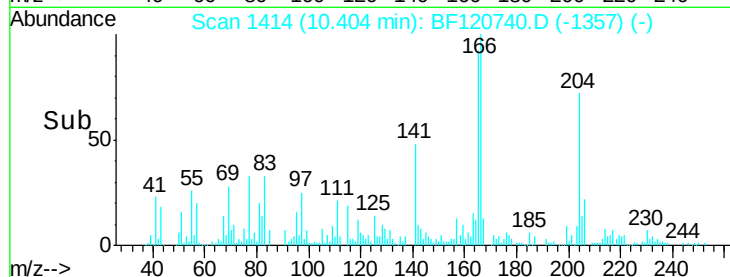
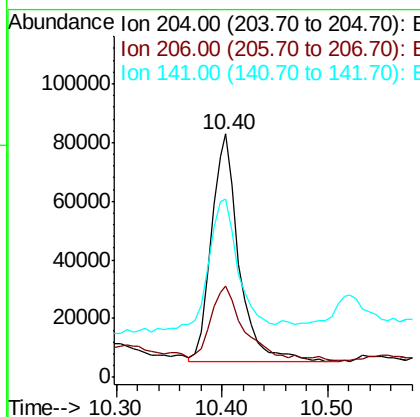
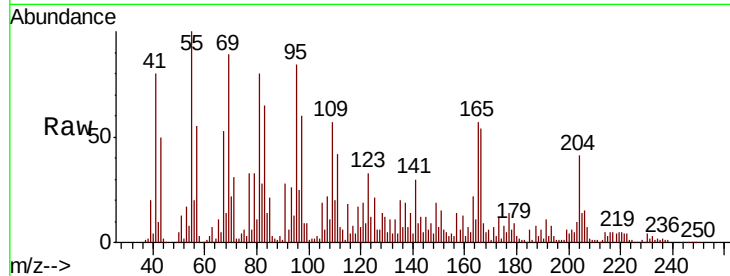
#61
4-Chlorophenyl-phenylether
Concen: 47.906 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampled :
78-64MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	37.3	26.4	39.6
141	73.5	42.9	64.3

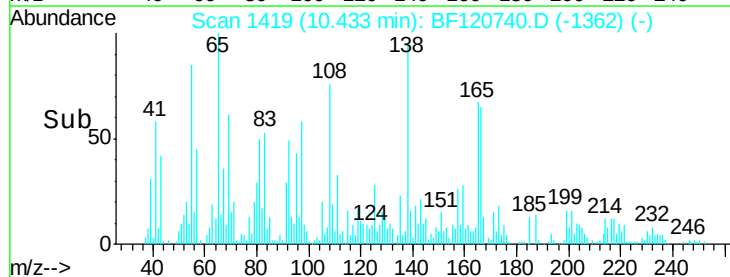
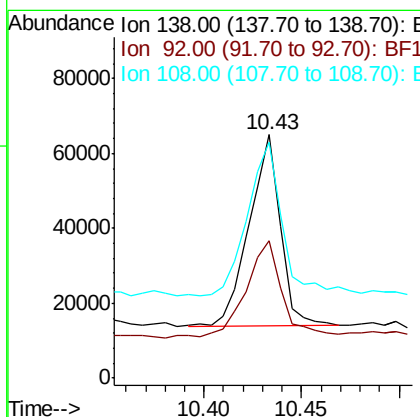
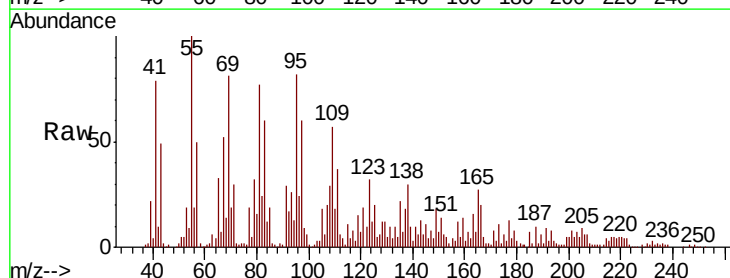
Manual Integrations
APPROVED

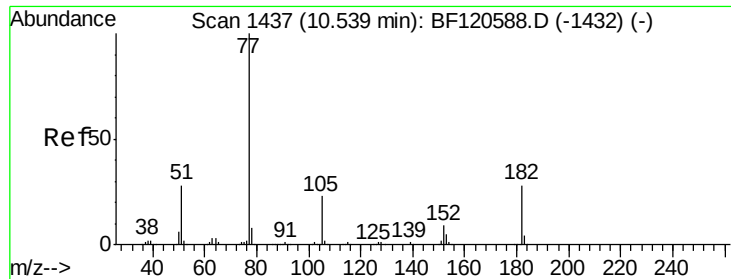
mohammad
6/30/2020 4:14:50 PM



#62
4-Nitroaniline
Concen: 34.459 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	26.4	66.4
108	96.9	45.5	85.5





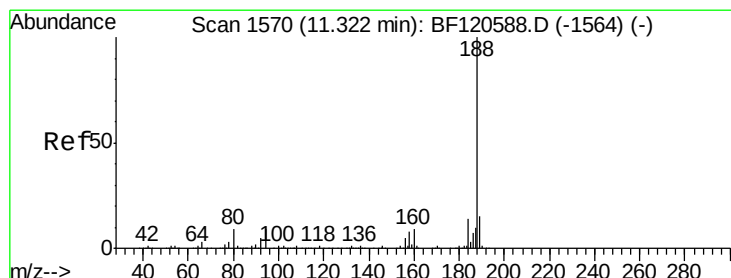
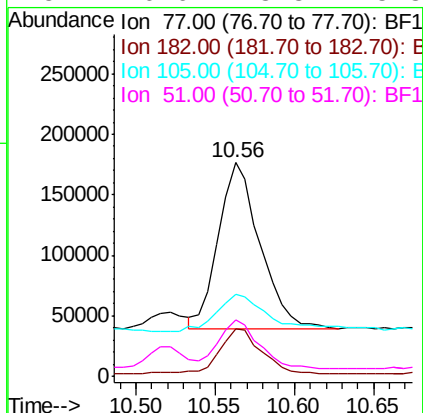
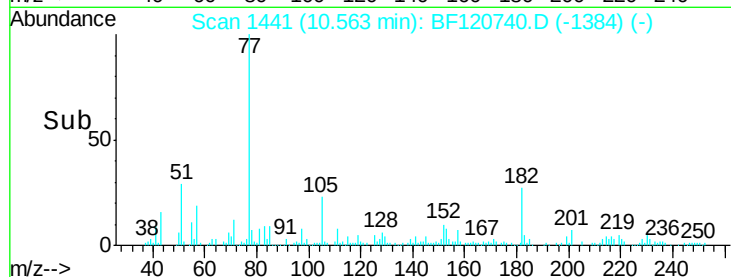
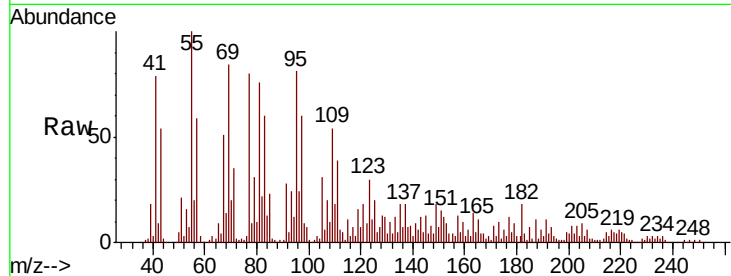
#63
Azobenzene
Concen: 45.813 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.1	7.6	47.6		
105	38.5	3.9	43.9		
51	26.6	8.8	48.8		

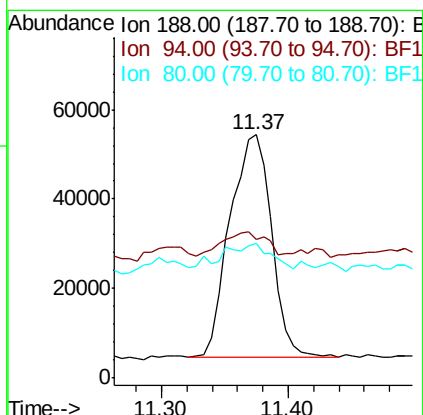
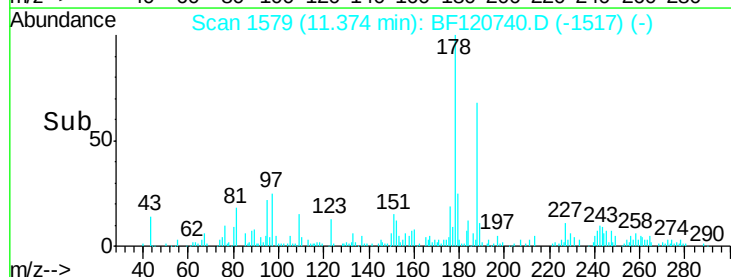
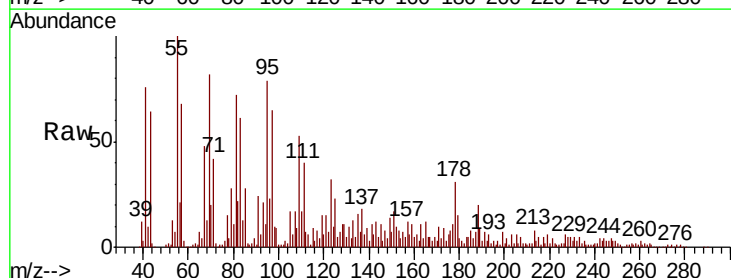
Manual Integrations
APPROVED

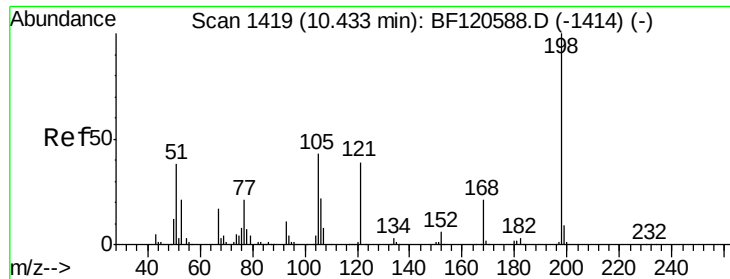
mohammad
6/30/2020 4:14:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	57.1	7.5	11.3#		
80	55.6	7.7	11.5#		





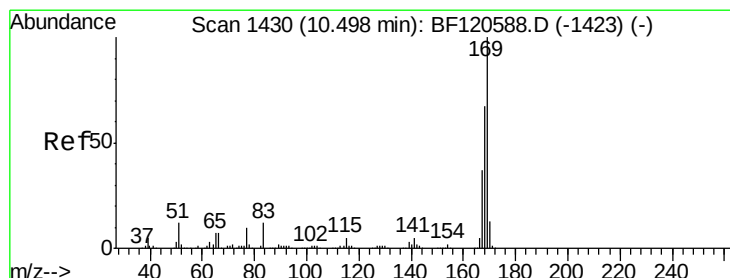
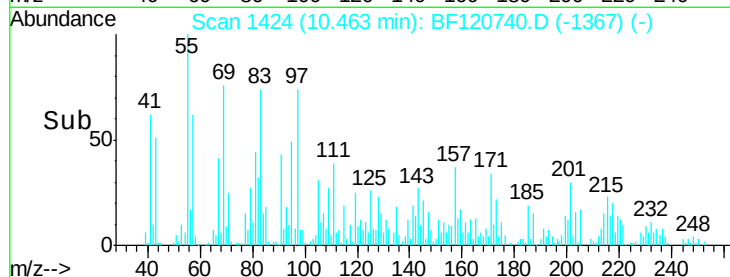
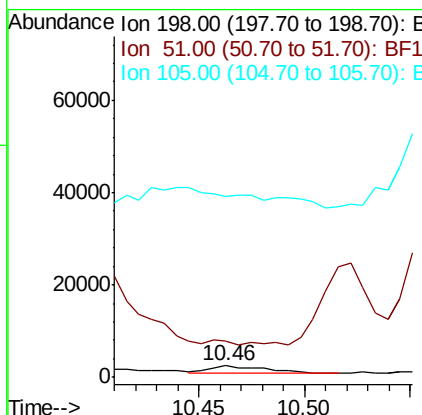
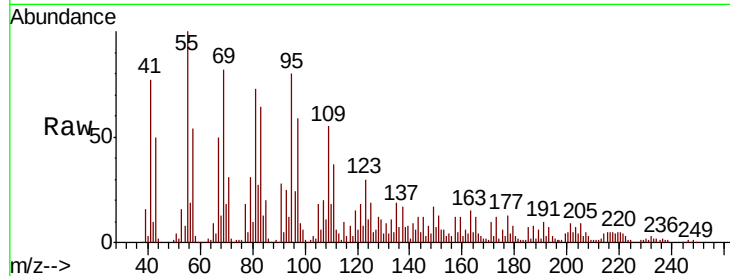
#65
4,6-Dinitro-2-methylphenol
Concen: 4.788 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:198 Resp: 3260
Ion Ratio Lower Upper
198 100
51 314.6 23.6 63.6#
105 1561.6 24.0 64.0

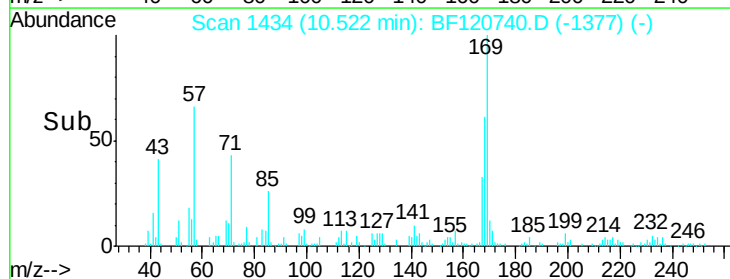
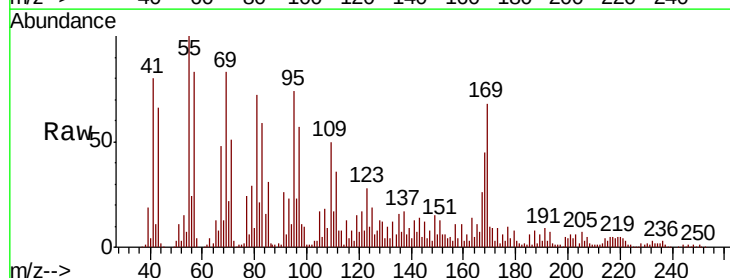
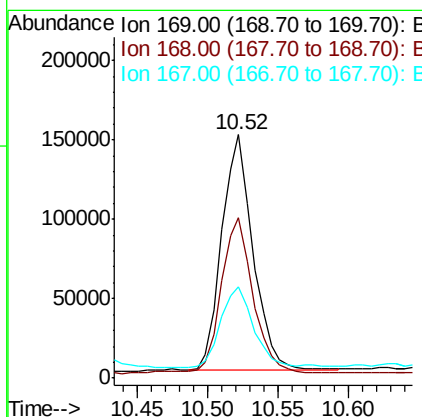
Manual Integrations
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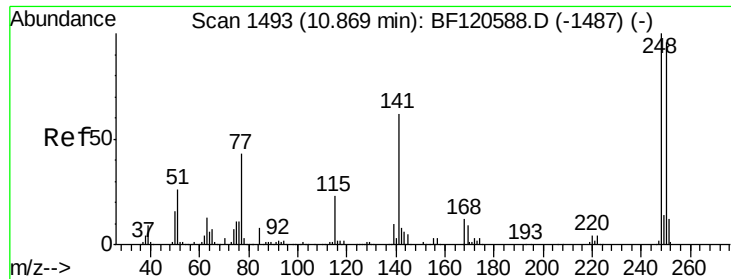
mohammad
6/30/2020 4:14:50 PM



#66
n-Nitrosodiphenylamine
Concen: 65.000 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:169 Resp: 226493
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 37.7 29.2 43.8





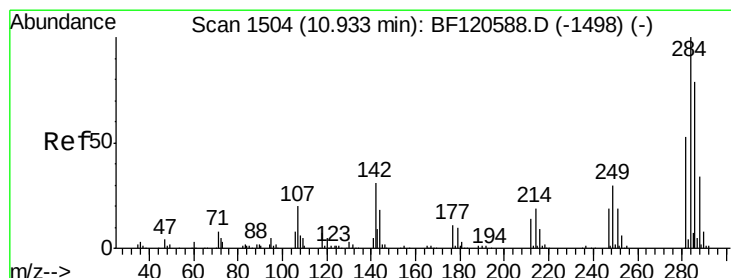
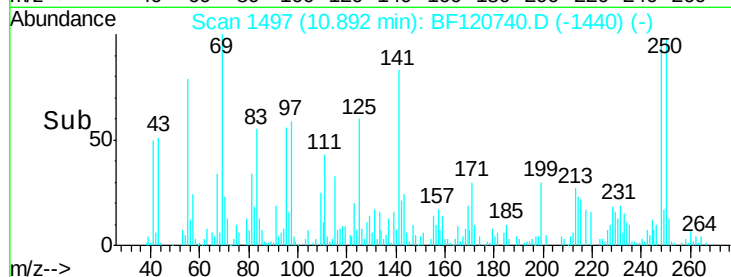
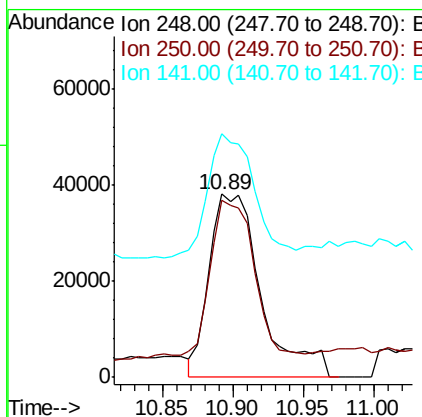
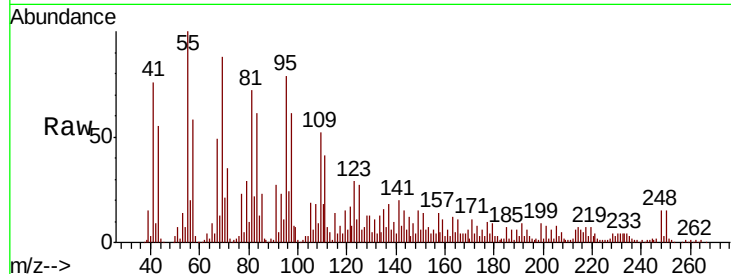
#67
4-Bromophenyl-phenylether
Concen: 75.845 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.6
141	133.1	52.0	78.0#

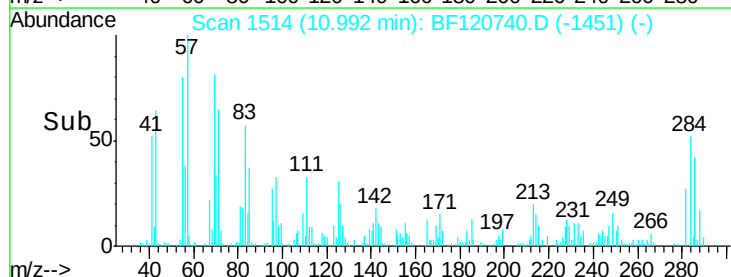
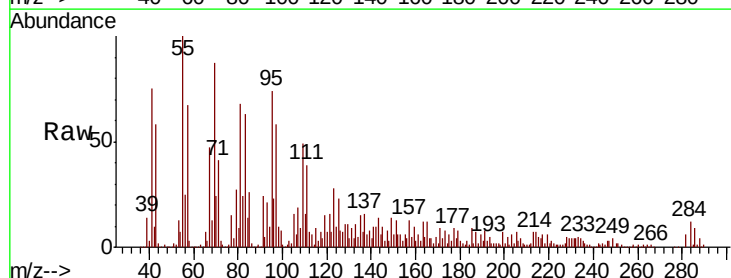
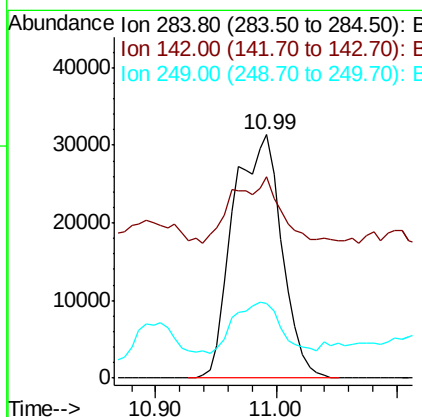
Manual Integrations
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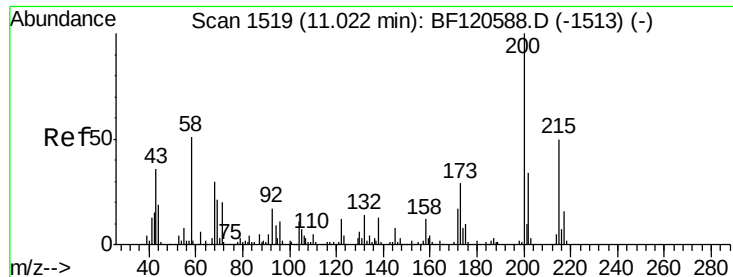
mohammad
6/30/2020 4:14:50 PM



#68
Hexachlorobenzene
Concen: 63.298 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.07 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	82.9	26.7	40.1#
249	30.5	24.0	36.0





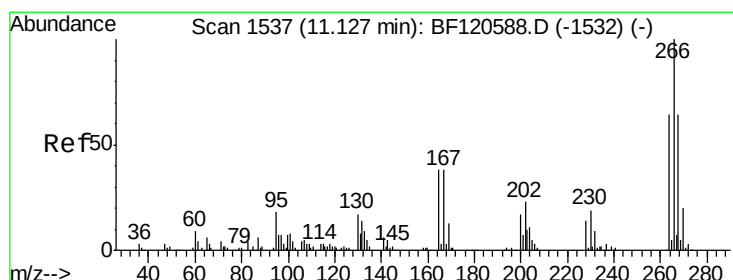
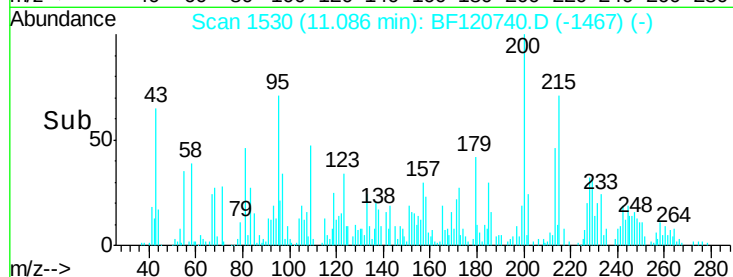
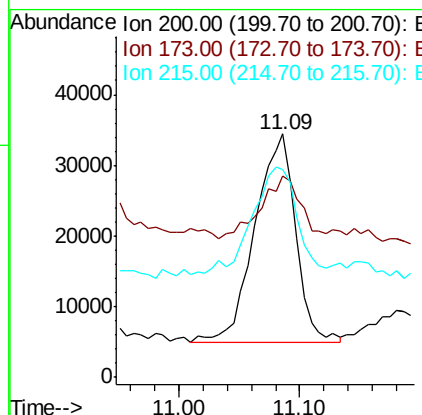
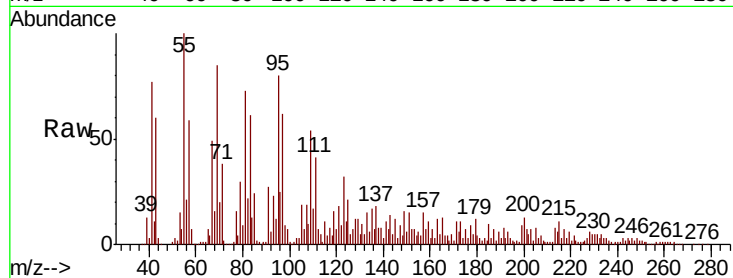
#69
Atrazine
Concen: 64.616 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.07 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	82.9	6.7	46.7#
215	85.5	28.6	68.6#

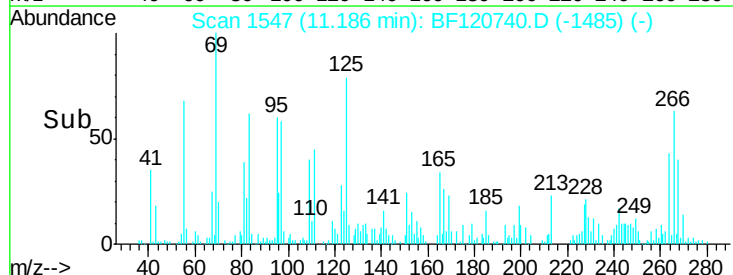
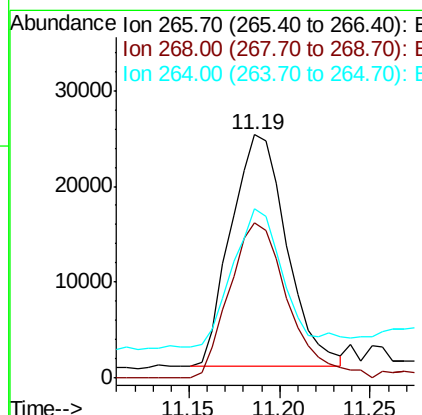
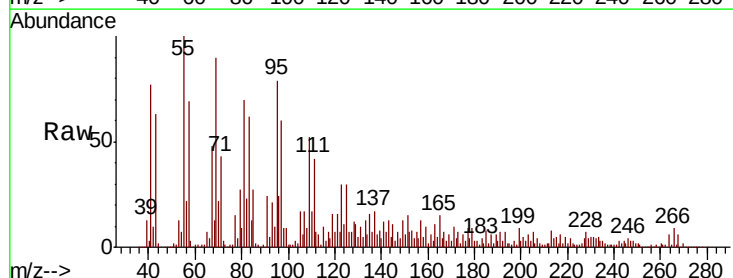
Manual Integrations
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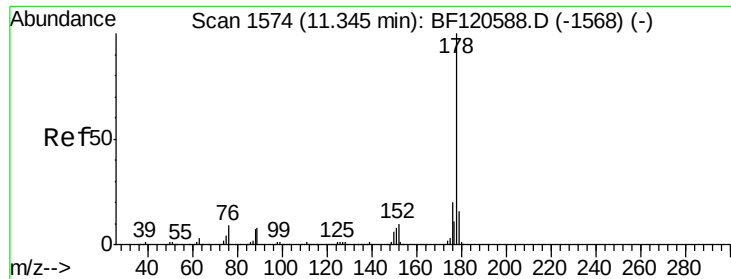
mohammad
6/30/2020 4:14:50 PM



#70
Pentachlorophenol
Concen: 66.900 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.8	77.6
264	69.4	51.3	76.9





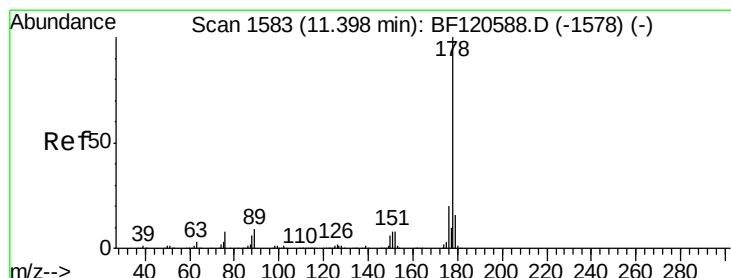
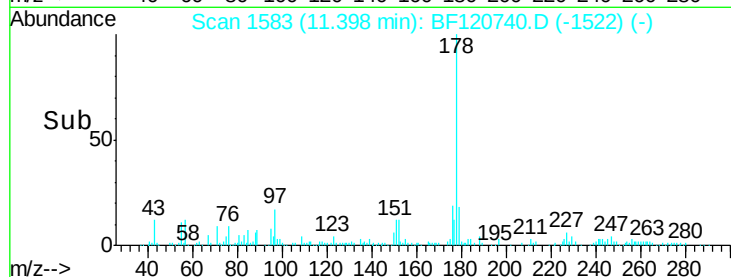
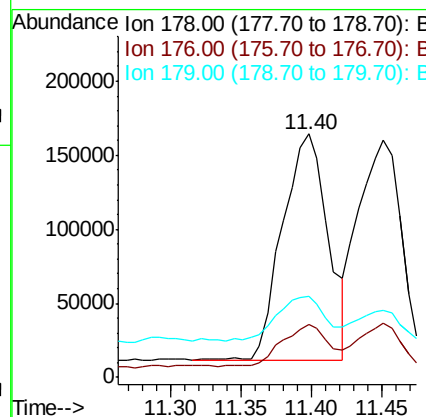
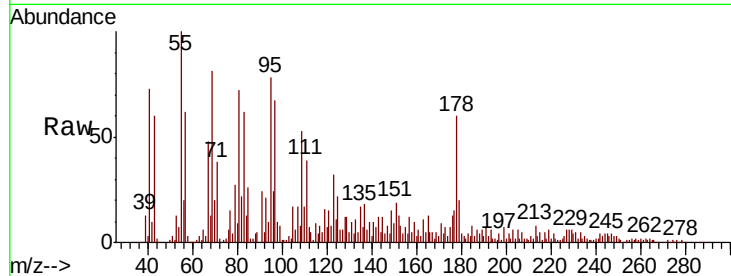
#71
Phenanthrene
Concen: 61.358 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.6
179	33.2	12.3	18.5

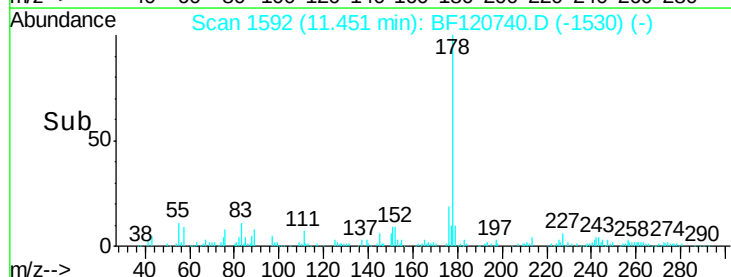
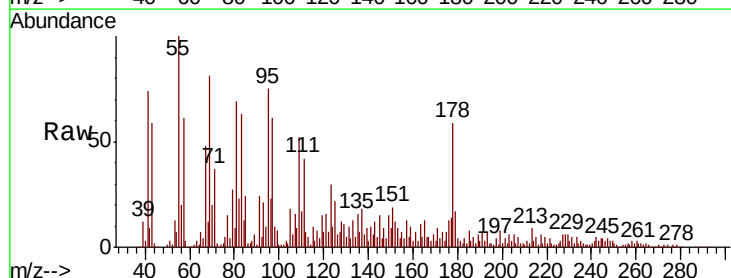
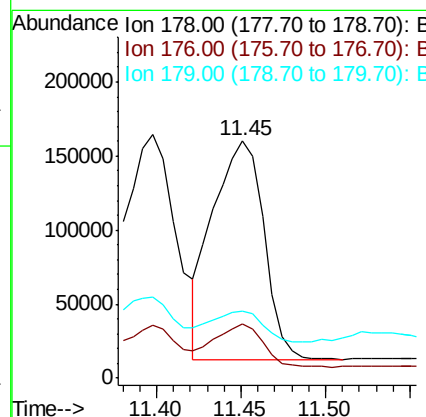
Manual Integrations
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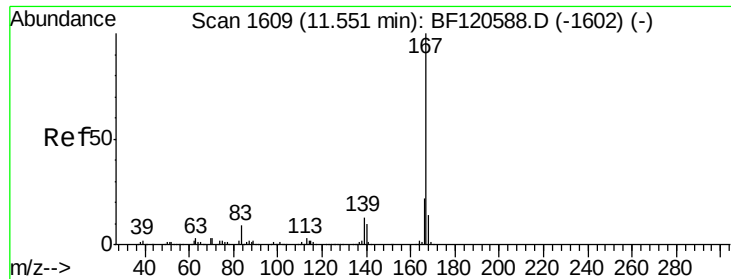
mohammad
6/30/2020 4:14:50 PM



#72
Anthracene
Concen: 55.021 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.06 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.2
179	28.3	12.9	19.3





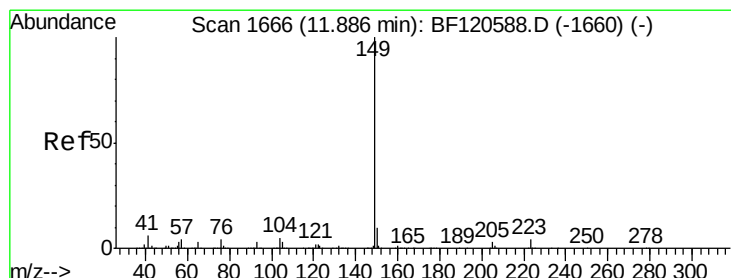
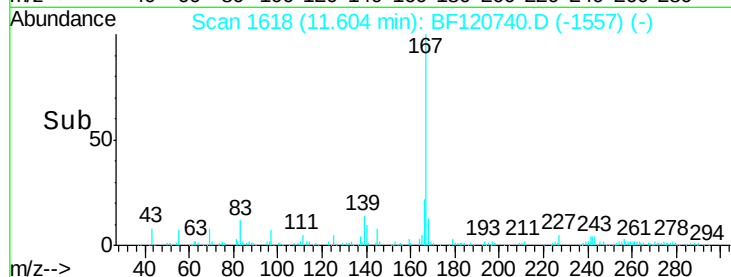
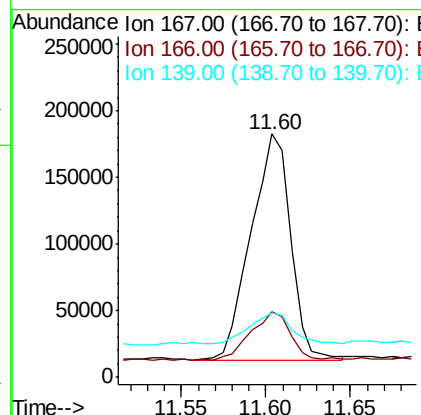
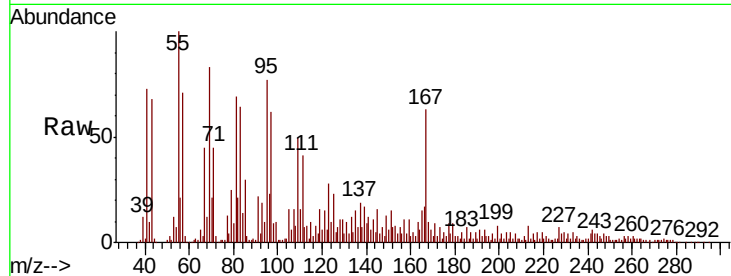
#73
 Carbazole
 Concen: 49.055 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.06 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleID :
 78-64MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.8	17.7	26.5#
139	26.4	10.2	15.2#

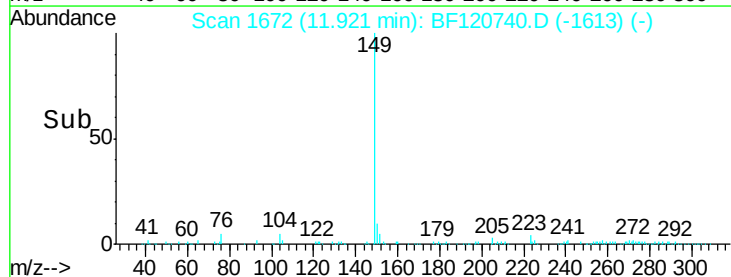
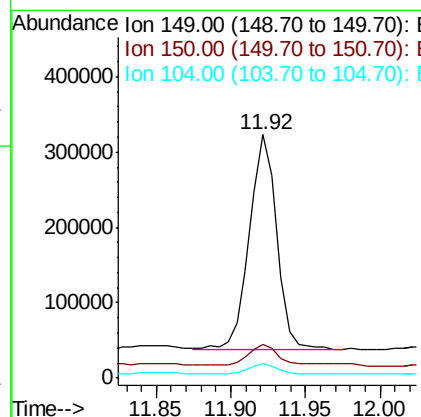
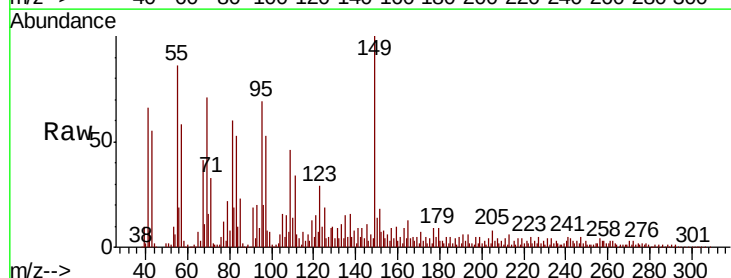
Manual Integrations
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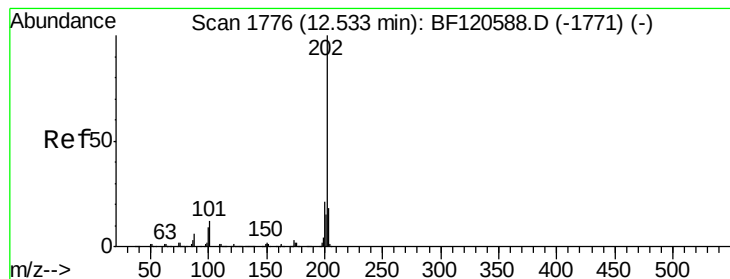
mohammad
 6/30/2020 4:14:50 PM



#74
 Di-n-butylphthalate
 Concen: 57.327 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.05 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.9	7.5	11.3#
104	5.9	3.6	5.4#





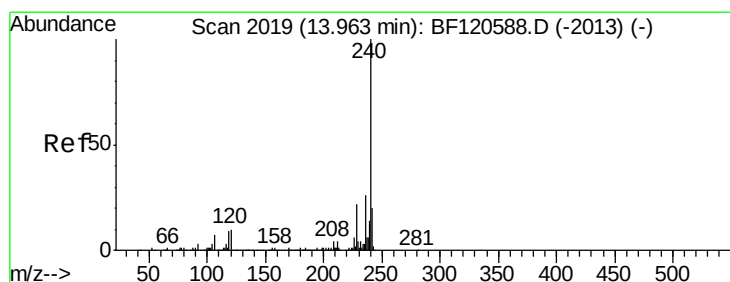
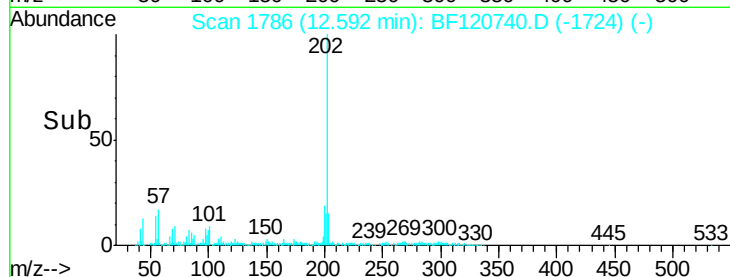
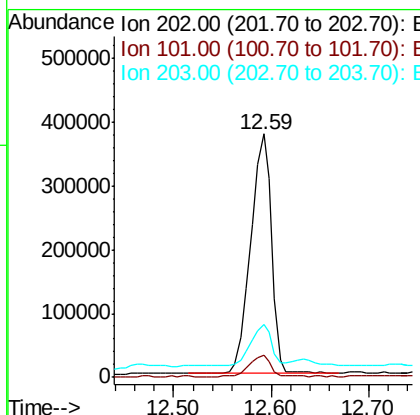
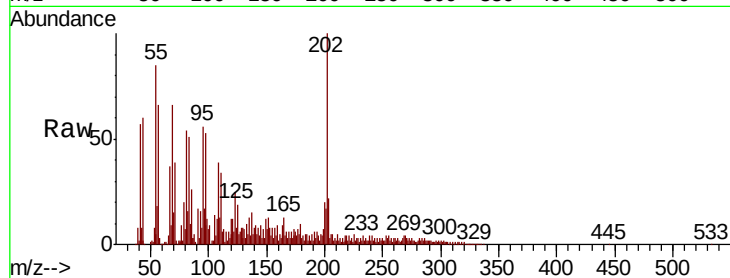
#75
 Fluoranthene
 Concen: 87.673 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.06 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampled :
 78-64MSD

Tot Ion:	202	Resp:	565393
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	29.8
203	21.6	0.0	37.7

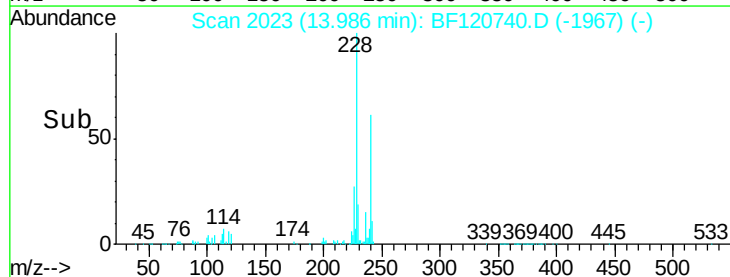
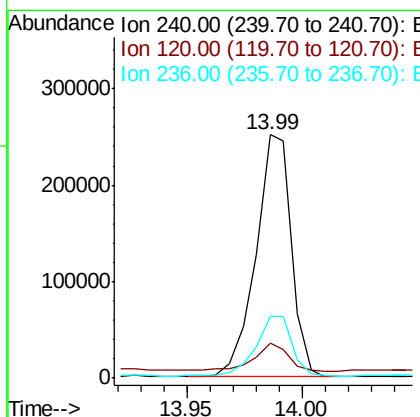
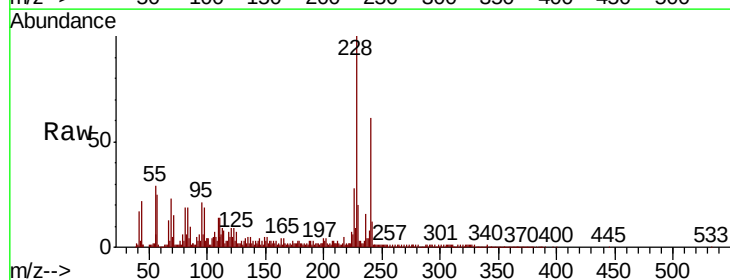
Manual Integrations
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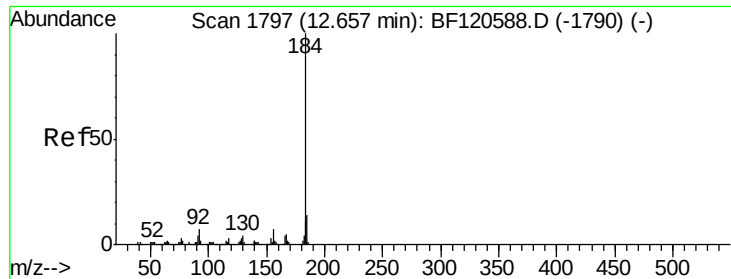
mohammad
 6/30/2020 4:14:50 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.03 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion:	240	Resp:	267745
Ion Ratio	Lower	Upper	
240	100		
120	14.6	7.6	11.4#
236	25.7	21.0	31.4





#77

Benzidine

Concen: 13.342 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

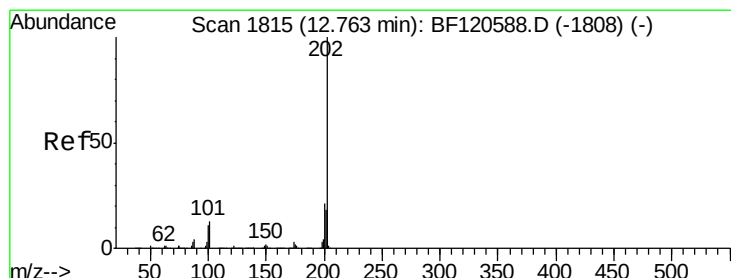
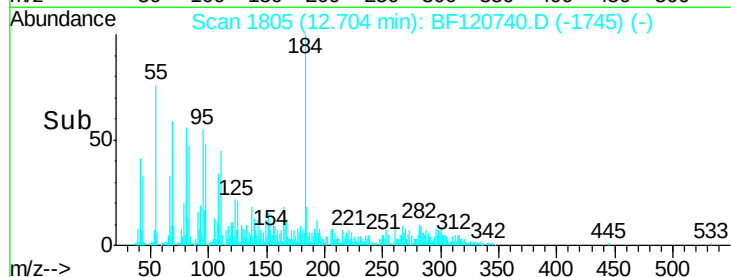
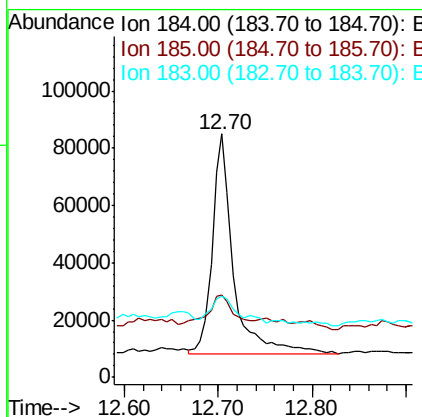
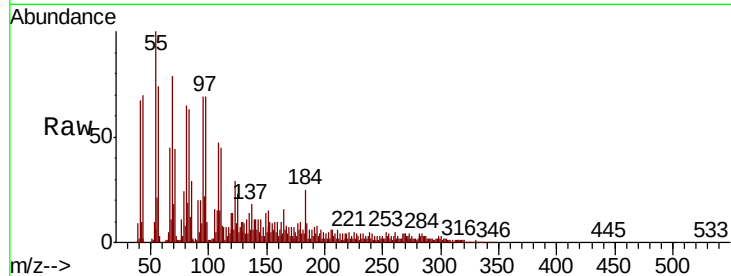
ClientSampleId :

78-64MSD

Tot Ion:	184	Resp:	120810
Ion Ratio	Lower	Upper	
184	100		
185	33.7	11.9	17.9#
183	33.3	8.6	12.8#

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#78

Pyrene

Concen: 30.856 ng

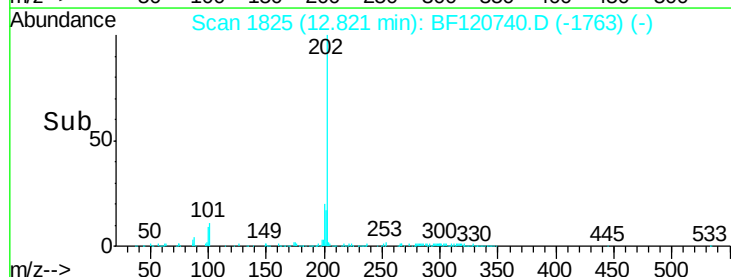
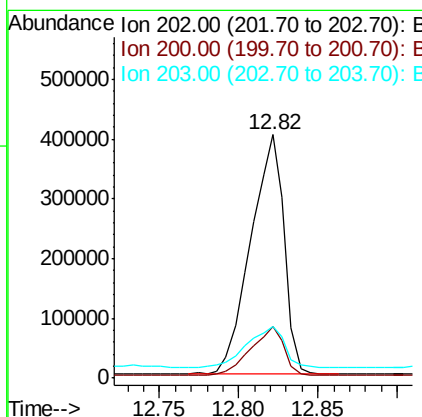
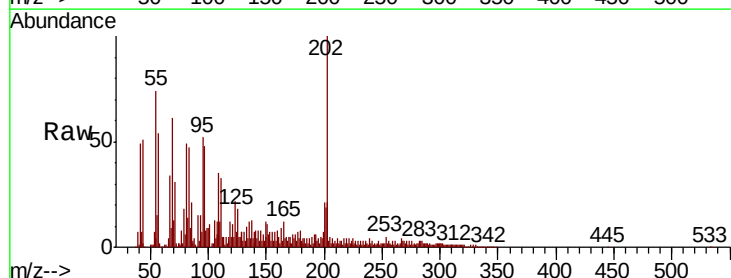
RT: 12.82 min Scan# 1825

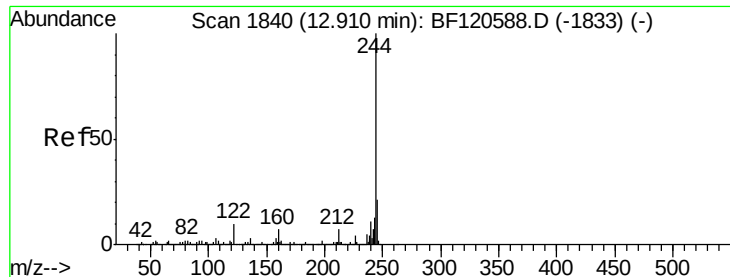
Delta R.T. 0.06 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:	202	Resp:	585266
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	25.0
203	21.2	14.2	21.2





#79

Terphenyl-d14

Concen: 60.603 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.05 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

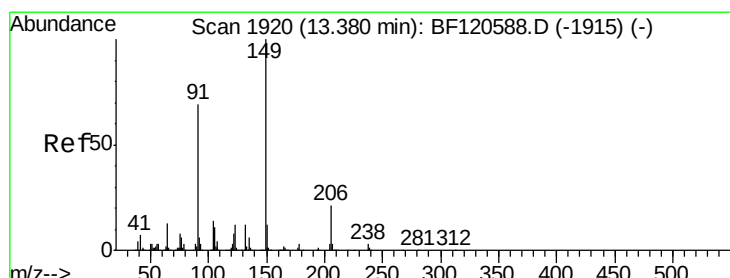
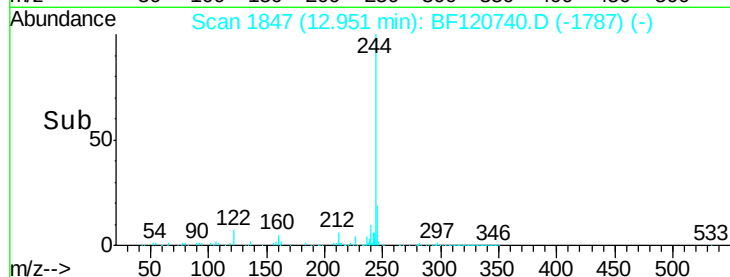
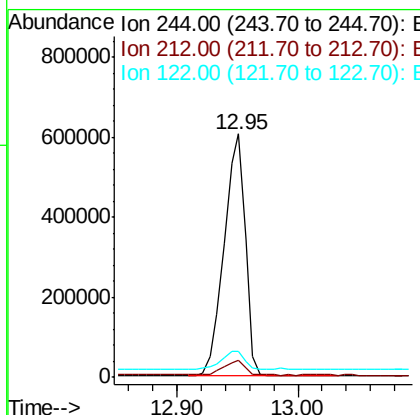
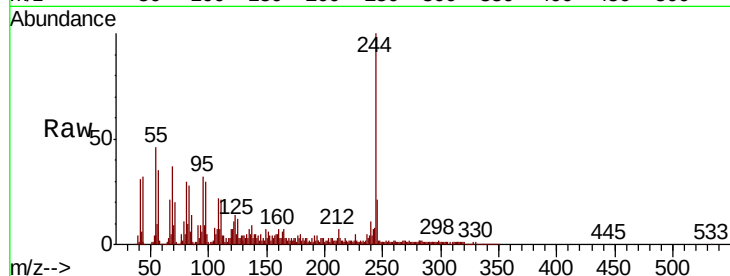
ClientSampleId :

78-64MSD

Tot Ion:	244	Resp:	734591
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.6	8.4
122	10.6	8.8	13.2

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#80

Butylbenzylphthalate

Concen: 32.048 ng

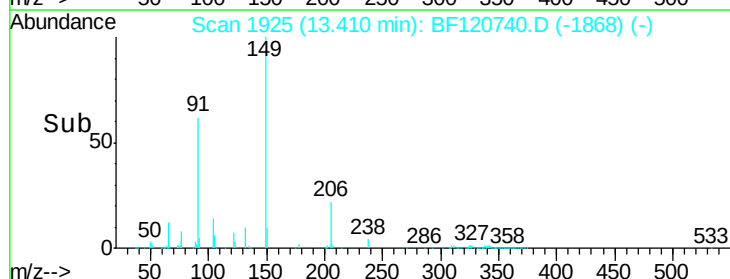
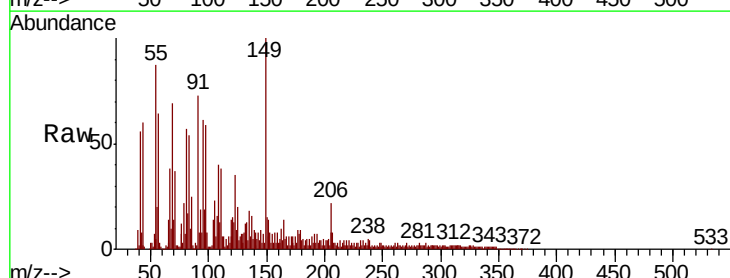
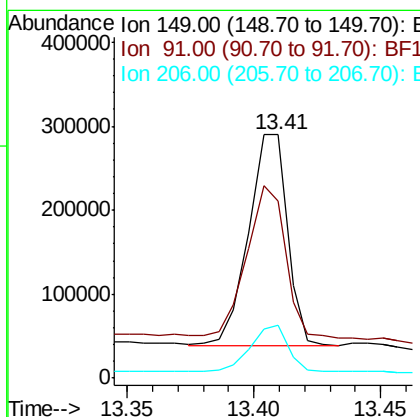
RT: 13.41 min Scan# 1925

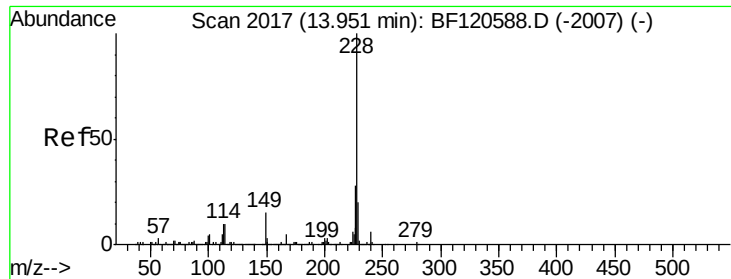
Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:	149	Resp:	269921
Ion Ratio	Lower	Upper	
149	100		
91	72.9	50.0	75.0
206	21.5	17.6	26.4





#81

Benzo(a)anthracene

Concen: 57.379 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

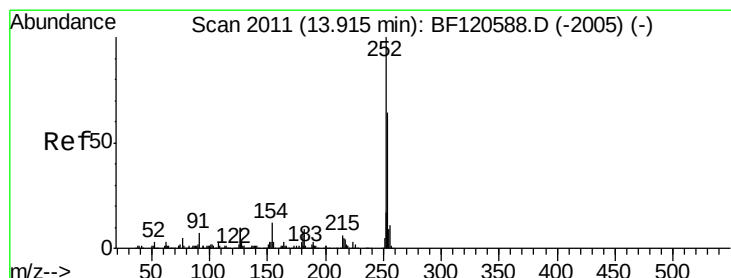
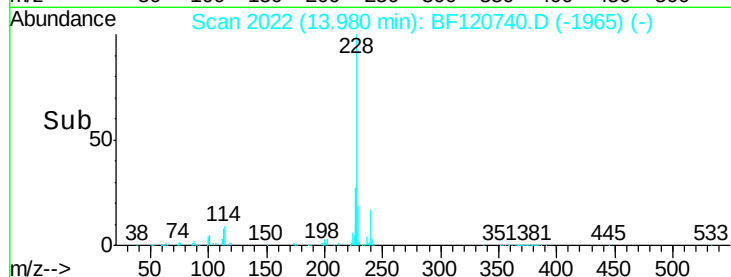
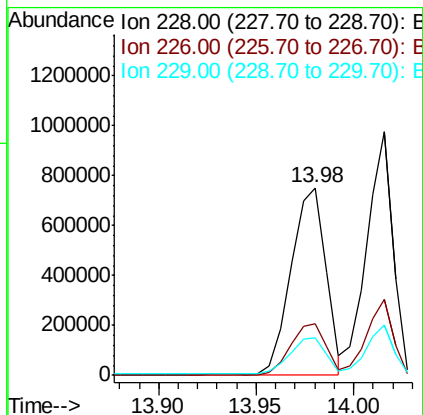
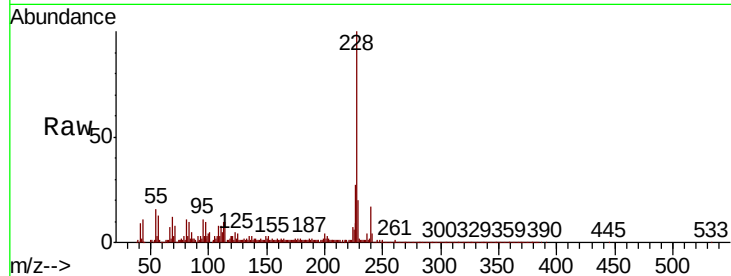
ClientSampleId :

78-64MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		922997		
226	27.4	22.6	33.8		
229	20.3	16.3	24.5		

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#82

3,3'-Dichlorobenzidine

Concen: 33.520 ng

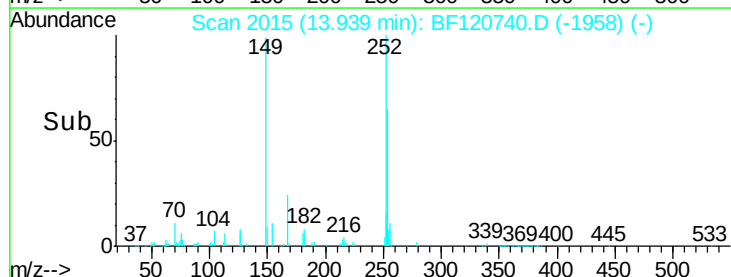
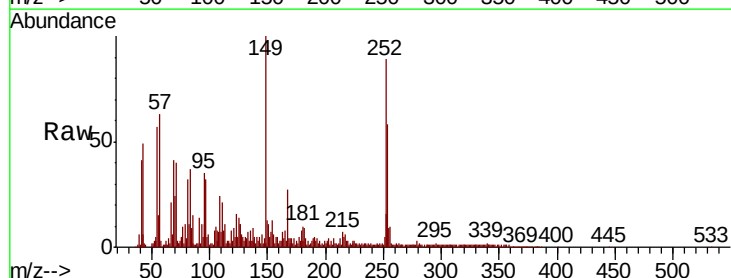
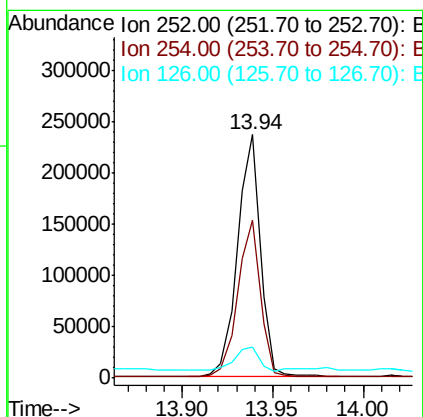
RT: 13.94 min Scan# 2015

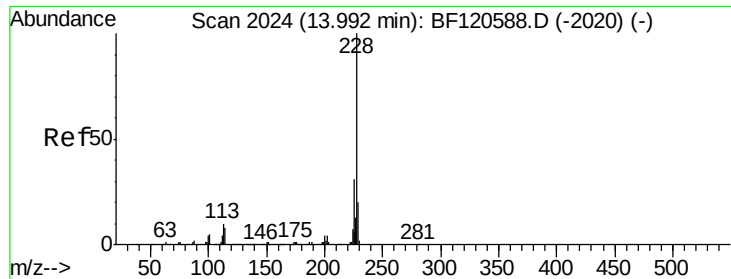
Delta R.T. 0.04 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		205953		
254	65.1	50.8	76.2		
126	12.8	9.6	14.4		





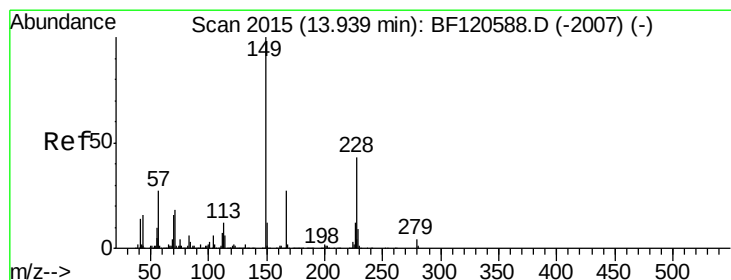
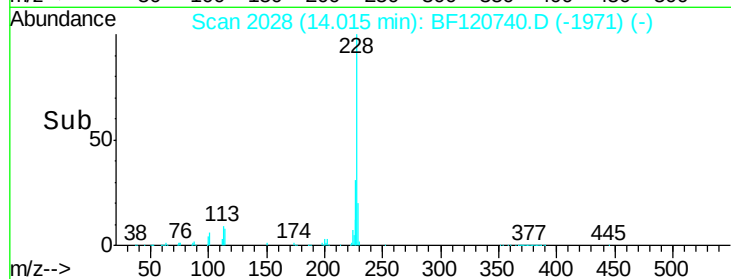
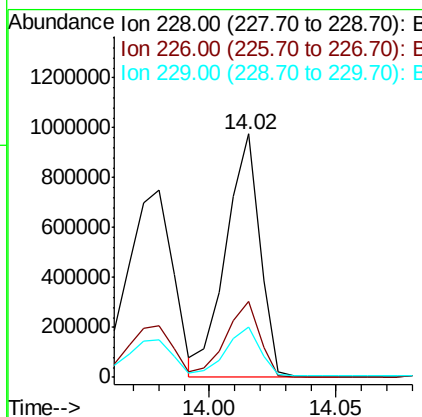
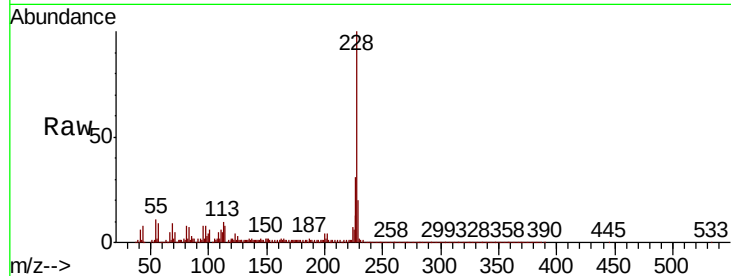
#83
Chrysene
Concen: 54.626 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion:	228	Resp:	901343
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	20.5	16.1	24.1

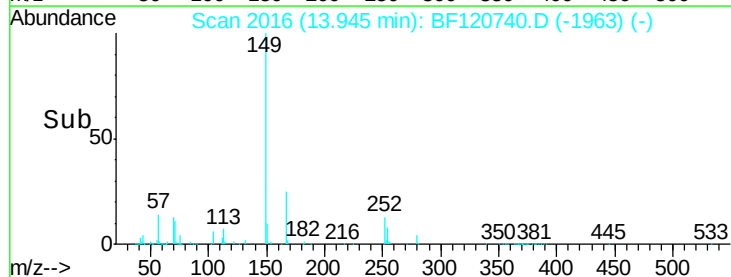
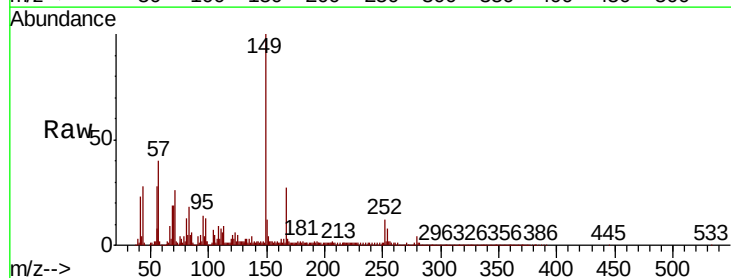
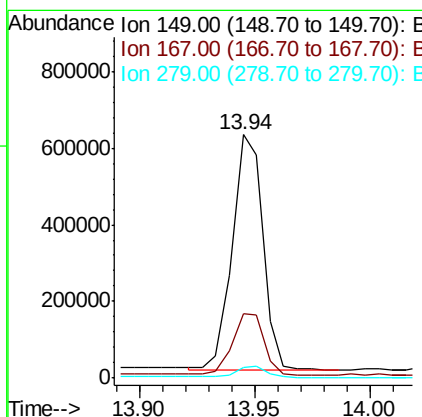
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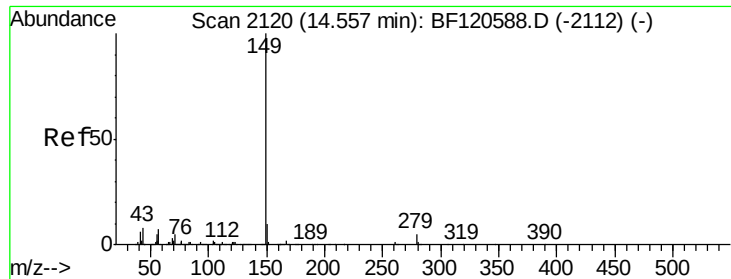
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.761 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion:	149	Resp:	562884
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.9	32.9
279	4.1	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 57.997 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

ClientSampleId :

78-64MSD

Tot Ion:149 Resp: 1137718

Ion Ratio Lower Upper

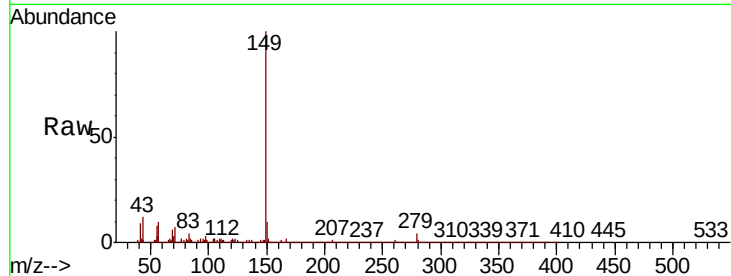
149 100

167 1.5 1.2 1.8

43 8.9 7.3 10.9

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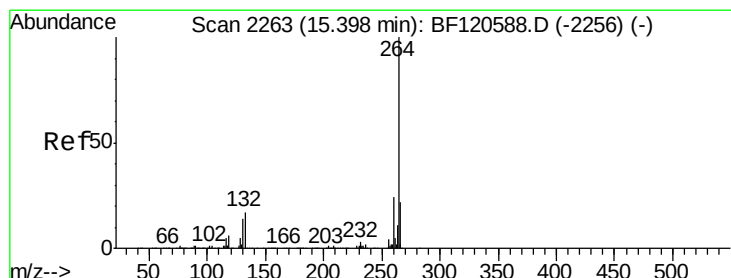
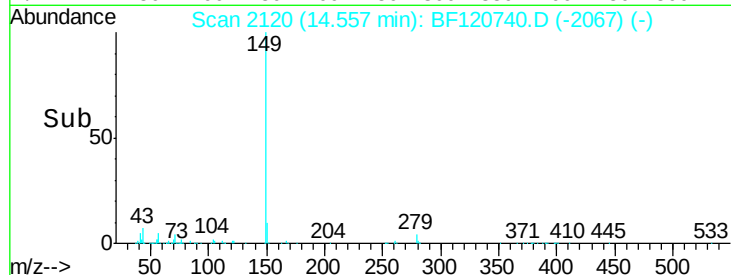
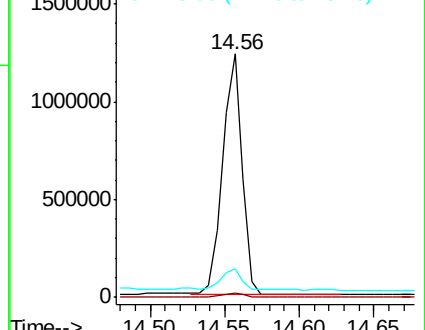
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

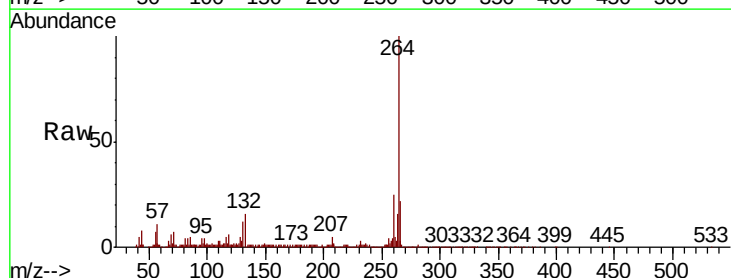
Tgt Ion:264 Resp: 366982

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

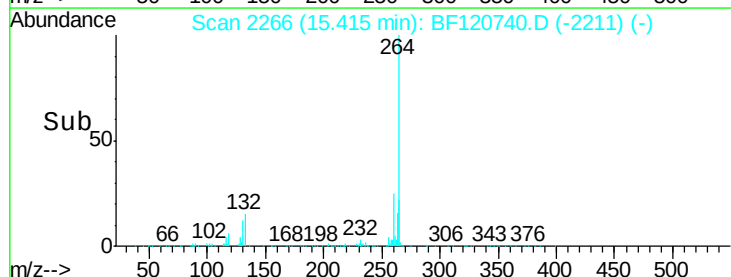
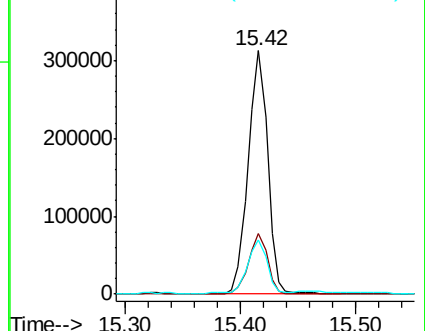
265 22.3 17.4 26.0

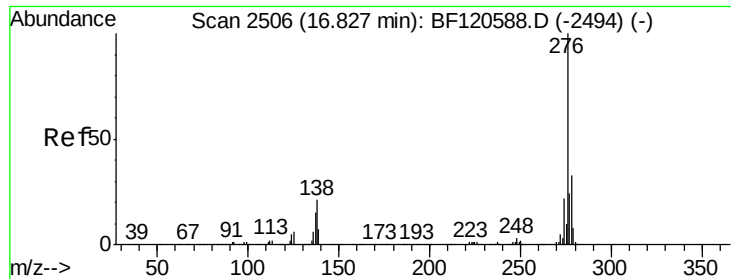


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





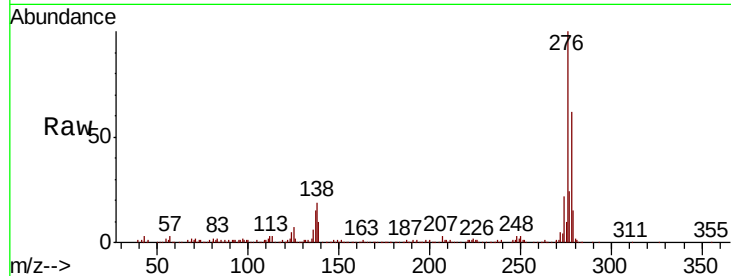
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 22.370 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.04 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 78-64MSD

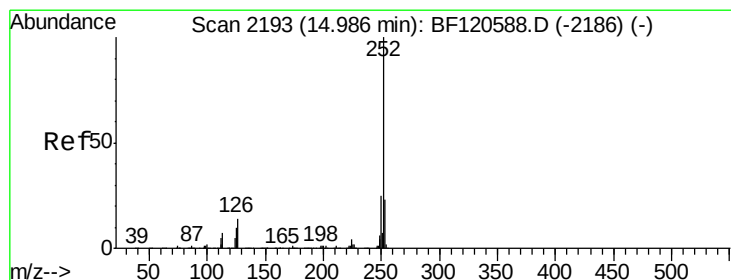
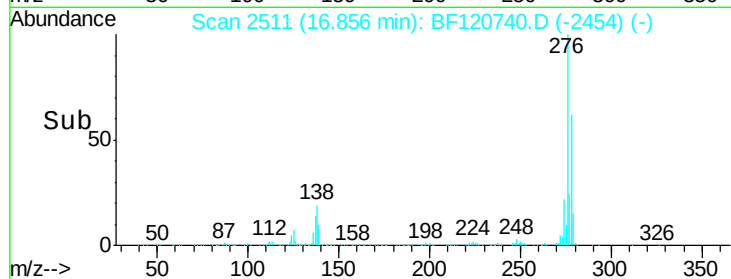
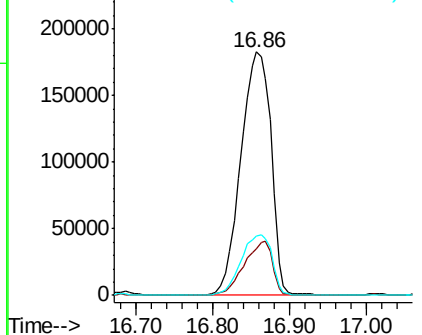
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.4	27.6
277	25.3	19.8	29.8

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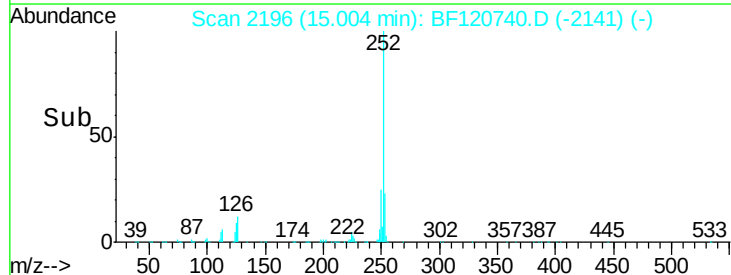
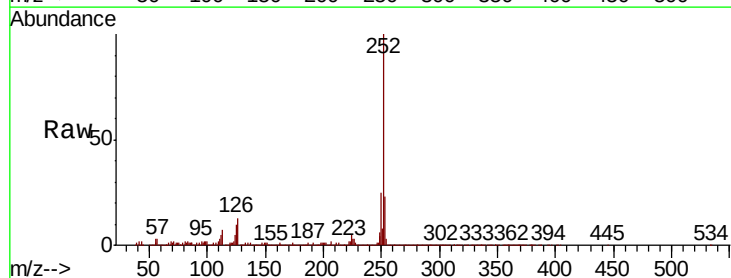
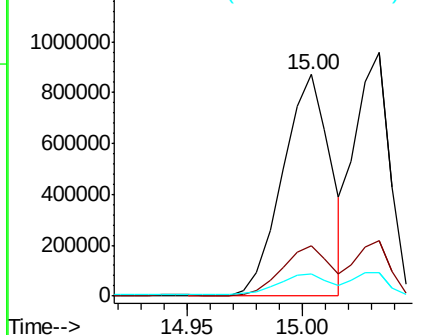
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

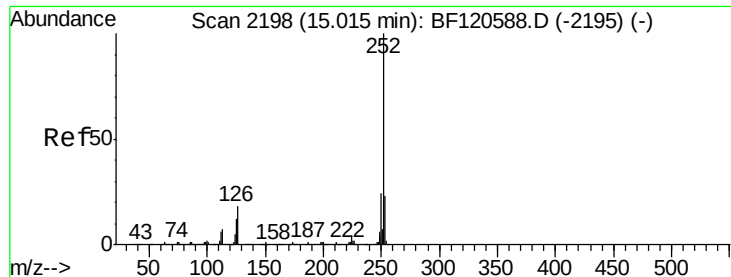


#88
 Benzo(b)fluoranthene
 Concen: 56.910 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.02 min
 Lab File: BF120740.D
 Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.2	7.9	11.9

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: 51.307 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.02 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Instrument :

BNA_F

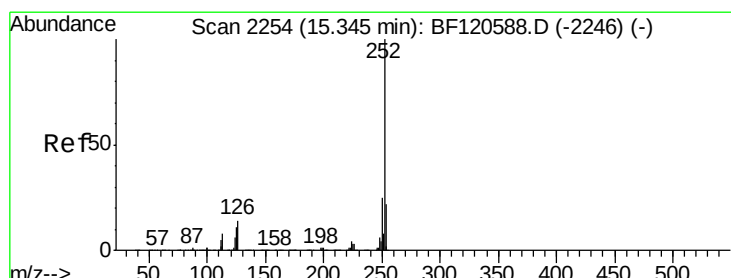
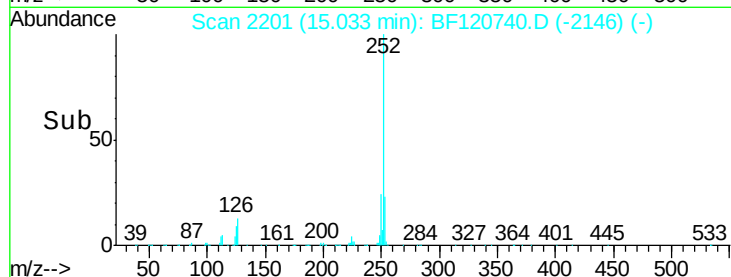
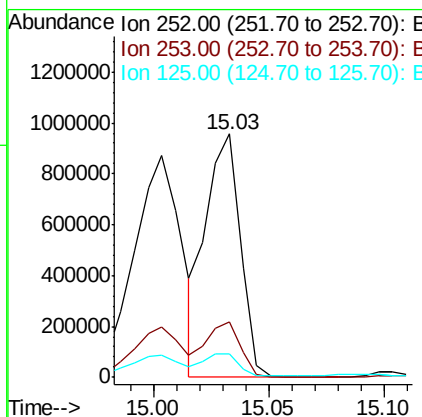
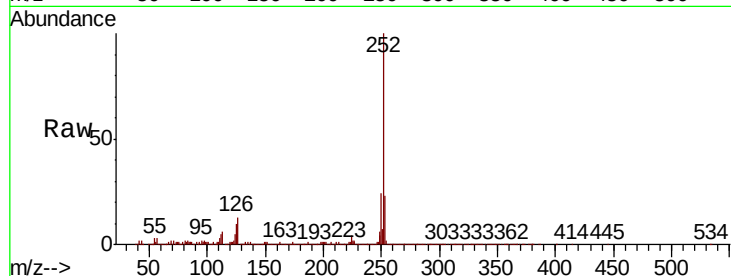
ClientSampleId :

78-64MSD

Tot Ion:	252	Resp:	992447
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	9.7	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 53.980 ng

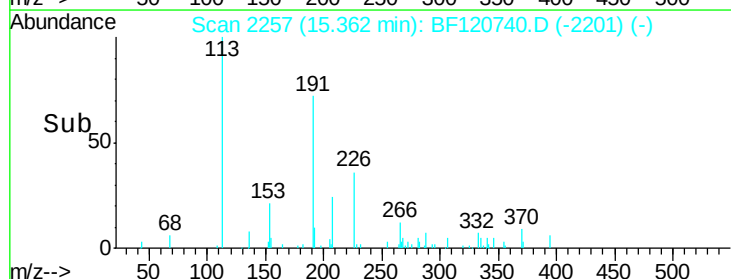
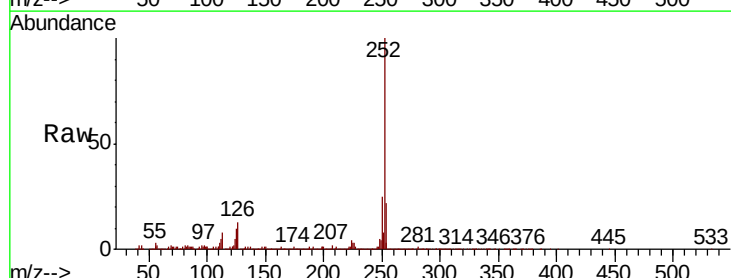
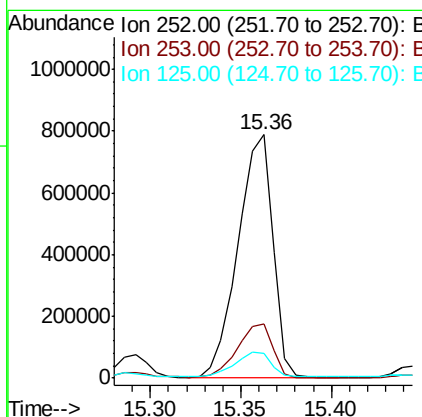
RT: 15.36 min Scan# 2257

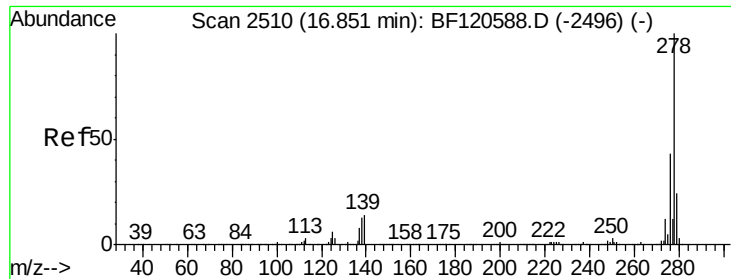
Delta R.T. 0.03 min

Lab File: BF120740.D

Acq: 29 Jun 2020 21:10

Tgt Ion:	252	Resp:	1056073
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	10.2	9.0	13.6





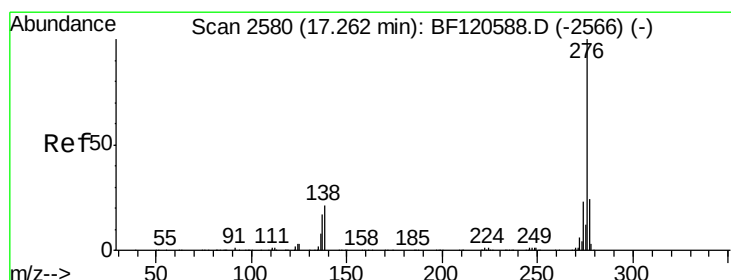
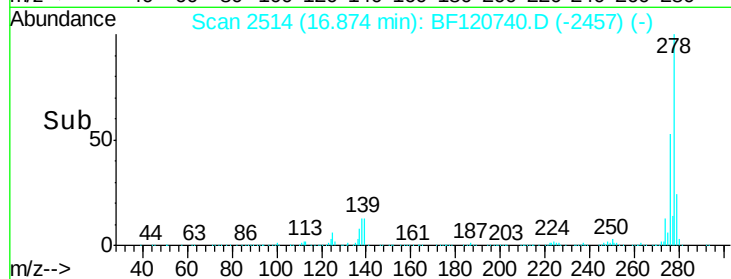
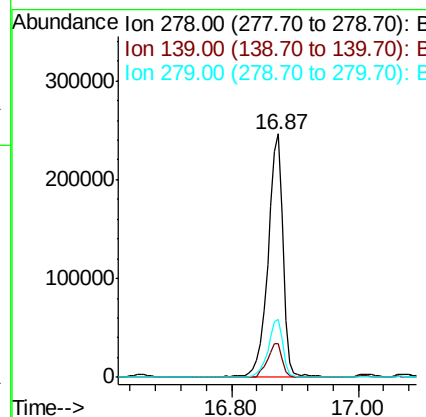
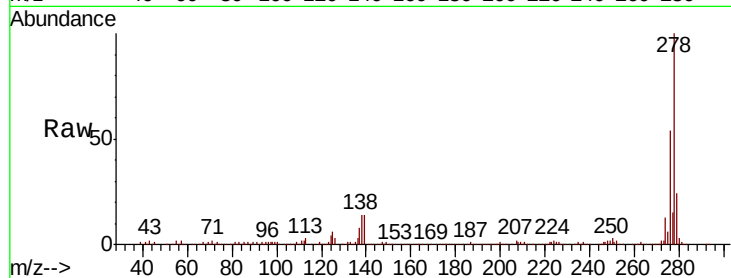
#91
Dibenzo(a,h)anthracene
Concen: 22.682 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Instrument :
BNA_F
ClientSampleId :
78-64MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.9	17.9
279	23.8	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 21.463 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.04 min
Lab File: BF120740.D
Acq: 29 Jun 2020 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	18.6	16.6	24.8

