

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120380.D
 Acq On : 21 May 2020 14:52
 Operator : MA/SJ
 Sample : PB129032BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Manual Integrations
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mohammad
 5/22/2020 2:55:48 PM

Quant Time: May 21 15:24:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 14:56:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	263519	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	1048128	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	520048	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	969416	20.00	ng	0.00
76) Chrysene-d12	13.75	240	617363	20.00	ng	0.00
87) Perylene-d12	15.13	264	566273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1384769	102.25	ng	0.02
7) Phenol-d6	6.25	99	1863303	108.79	ng	0.00
23) Nitrobenzene-d5	7.16	82	1129607	73.79	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	424538	100.12	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1979040	78.18	ng	0.00
79) Terphenyl-d14	12.70	244	2171264	77.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	229727	42.640	ng	99
3) Pyridine	2.94	79	472871	27.922	ng	94
4) n-Nitrosodimethylamine	2.89	42	256295	38.649	ng	91
6) Aniline	6.26	93	479558	21.894	ng	# 66
8) 2-Chlorophenol	6.38	128	583212	36.932	ng	95
9) Benzaldehyde	6.14	77	362608	34.343	ng	98
10) Phenol	6.26	94	720126	36.018	ng	80
11) bis(2-Chloroethyl)ether	6.33	93	532538	33.345	ng	99
12) 1,3-Dichlorobenzene	6.53	146	582768	34.488	ng	99
13) 1,4-Dichlorobenzene	6.60	146	600713	34.517	ng	99
14) 1,2-Dichlorobenzene	6.76	146	554413	35.375	ng	98
15) Benzyl Alcohol	6.75	79	441169	36.257	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	868942	34.525	ng	84
17) 2-Methylphenol	6.87	107	453273	34.002	ng	95
18) Hexachloroethane	7.09	117	224659	33.885	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	388467	34.621	ng	97
20) 3+4-Methylphenols	7.03	107	601147	34.684	ng	97
22) Acetophenone	7.01	105	788234	36.710	ng	# 98
24) Nitrobenzene	7.18	77	576278	34.978	ng	99
25) Isophorone	7.42	82	1087209	34.133	ng	99
26) 2-Nitrophenol	7.50	139	318269	36.937	ng	96
27) 2,4-Dimethylphenol	7.55	122	492776	39.314	ng	96
28) bis(2-Chloroethoxy)methane	7.63	93	690793	34.504	ng	99
29) 2,4-Dichlorophenol	7.75	162	479444	37.243	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	511691	35.869	ng	99
31) Naphthalene	7.90	128	1632368	36.901	ng	99
32) Benzoic acid	7.70	122	193187	23.514	ng	99
33) 4-Chloroaniline	7.96	127	338446	16.789	ng	99
34) Hexachlorobutadiene	8.02	225	290744	35.261	ng	95
35) Caprolactam	8.33	113	142758m	33.897	ng	
36) 4-Chloro-3-methylphenol	8.46	107	454276	32.620	ng	98
37) 2-Methylnaphthalene	8.59	142	1036638	34.244	ng	98
38) 1-Methylnaphthalene	8.69	142	971100	33.076	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	447581	34.132	ng	100

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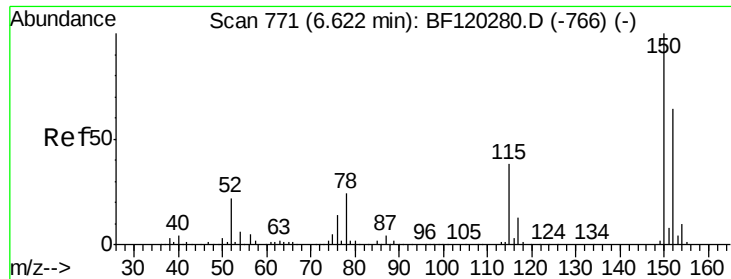
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	310937	59.348	nq	99
43) 2,4,6-Trichlorophenol	8.87	196	280178	31.831	nq	97
44) 2,4,5-Trichlorophenol	8.93	196	292008	28.887	nq	98
46) 1,1'-Biphenyl	9.06	154	1221393	35.845	nq	97
47) 2-Chloronaphthalene	9.07	162	916343	33.526	nq	99
48) 2-Nitroaniline	9.18	65	330681	33.159	nq	95
49) Acenaphthylene	9.49	152	1497332	35.863	nq	99
50) Dimethylphthalate	9.36	163	1078100	32.794	nq	99
51) 2,6-Dinitrotoluene	9.43	165	237600	32.383	nq	94
52) Acenaphthene	9.66	154	884552	35.345	nq	98
53) 3-Nitroaniline	9.60	138	157267	17.974	nq	98
54) 2,4-Dinitrophenol	9.72	184	195325	56.396	nq	92
55) Dibenzofuran	9.83	168	1282385	35.583	nq	99
56) 4-Nitrophenol	9.79	139	251822	53.562	nq	# 83
57) 2,4-Dinitrotoluene	9.83	165	292181	33.947	nq	93
58) Fluorene	10.17	166	989553	36.054	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	248327	32.643	nq	98
60) Diethylphthalate	10.06	149	1064241	33.532	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	484064	33.922	nq	95
62) 4-Nitroaniline	10.22	138	257119	31.557	nq	98
63) Azobenzene	10.33	77	1049082	34.974	nq	98
65) 4,6-Dinitro-2-methylphenol	10.25	198	167282	34.121	nq	100
66) n-Nitrosodiphenylamine	10.29	169	940415	35.064	nq	99
67) 4-Bromophenyl-phenylether	10.66	248	296037	31.470	nq	98
68) Hexachlorobenzene	10.73	284	335847	34.126	nq	# 89
69) Atrazine	10.83	200	266102	33.158	nq	98
70) Pentachlorophenol	10.93	266	231329	55.268	nq	99
71) Phenanthrene	11.13	178	1448955	35.570	nq	100
72) Anthracene	11.19	178	1653931	37.927	nq	99
73) Carbazole	11.35	167	1462922	35.904	nq	97
74) Di-n-butylphthalate	11.68	149	1744354	35.522	nq	98
75) Fluoranthene	12.32	202	1670758	38.267	nq	98
77) Benzidine	12.45	184	687926	38.159	nq	95
78) Pyrene	12.55	202	1674981	38.057	nq	99
80) Butylbenzylphthalate	13.17	149	669630	32.311	nq	99
81) Benzo(a)anthracene	13.74	228	1189095	36.518	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	277187	22.589	nq	97
83) Chrysene	13.77	228	1267464	36.249	nq	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	847897	32.884	nq	99
85) Di-n-octyl phthalate	14.35	149	1543429	33.273	nq	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	952661	30.020	nq	98
88) Benzo(b)fluoranthene	14.75	252	1066900	34.499	nq	98
89) Benzo(k)fluoranthene	14.78	252	1111673	41.491	nq	99
90) Benzo(a)pyrene	15.08	252	970889	35.006	nq	99
91) Dibenzo(a,h)anthracene	16.45	278	801108	32.605	nq	98
92) Benzo(g,h,i)perylene	16.83	276	755659	30.499	nq	98

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



#1

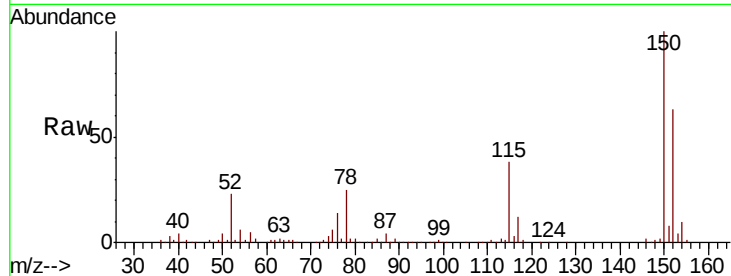
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	60.2	47.9	71.9

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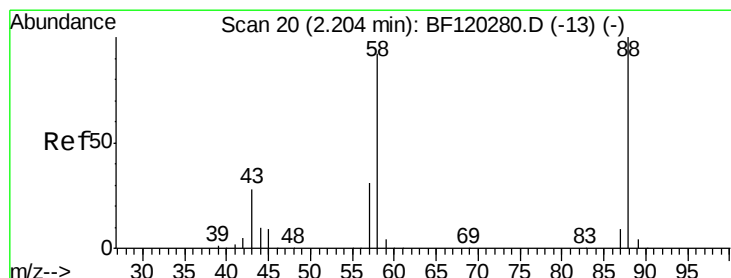
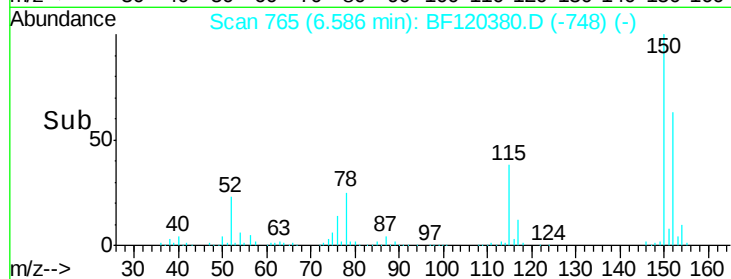
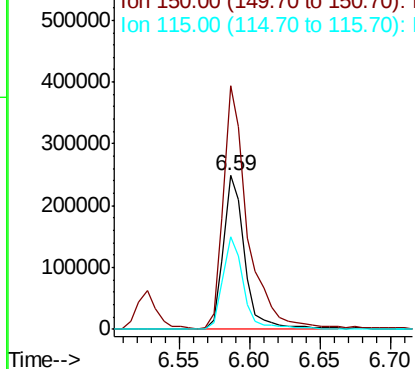


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

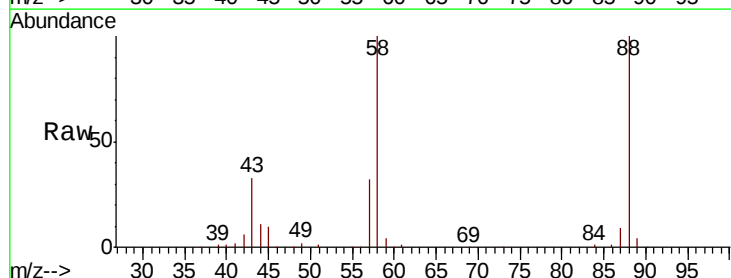
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.640 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.11 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.4	75.8	113.6
43	31.2	23.6	35.4

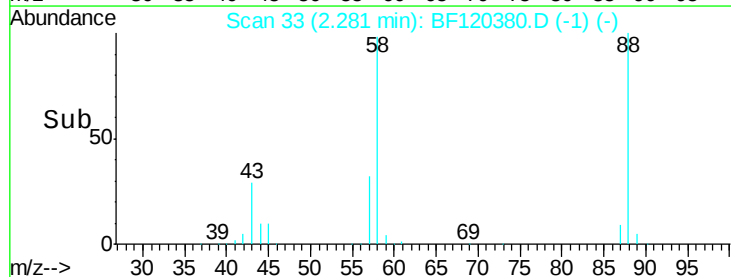
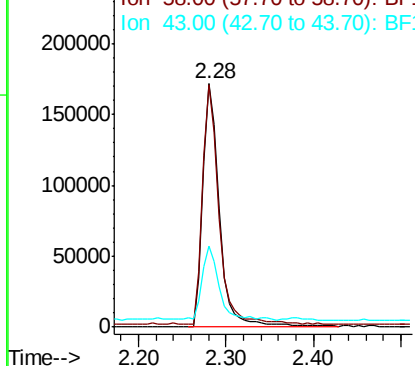


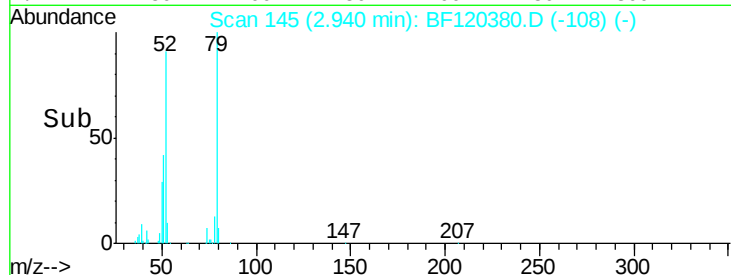
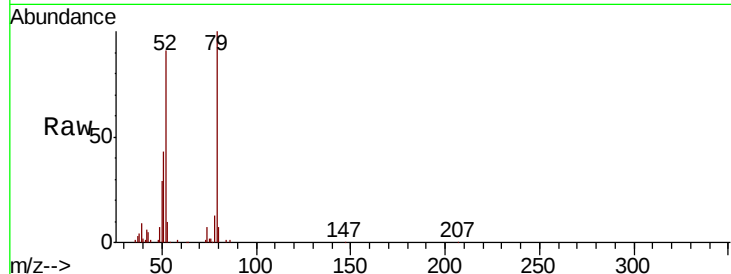
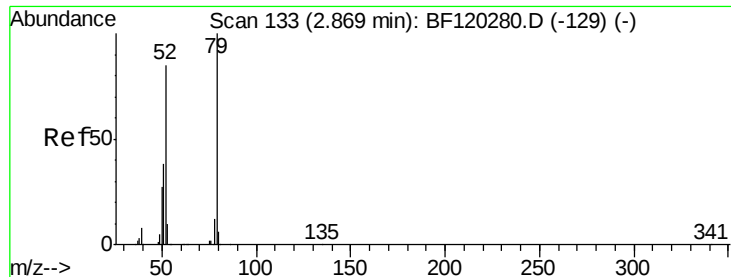
Abundance

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





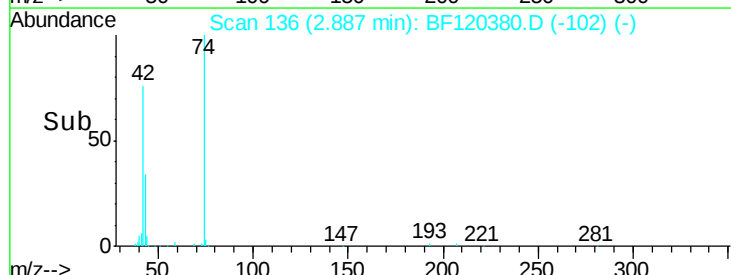
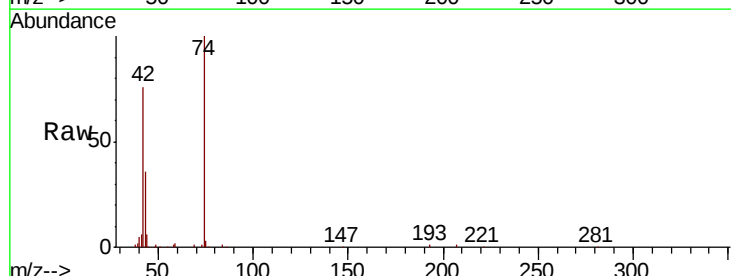
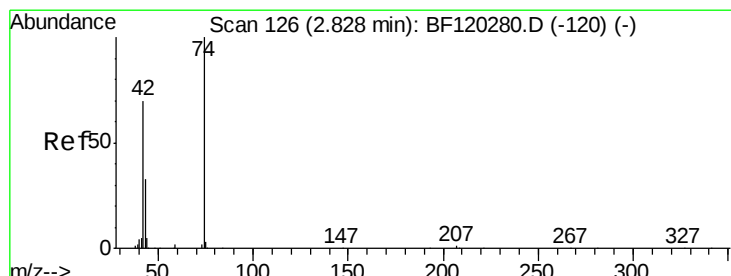
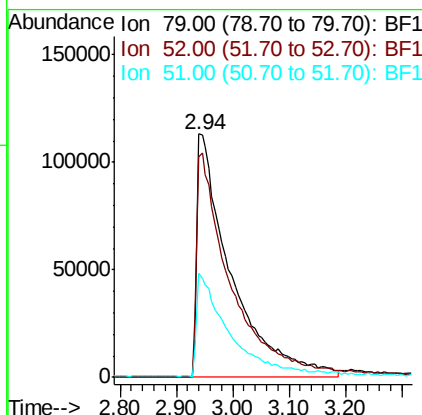
#3
 Pvridine
 Concen: 27.922 ng
 RT: 2.94 min Scan# 145
 Delta R.T. 0.12 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	90.7	68.4	102.6
51	42.8	31.0	46.4

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

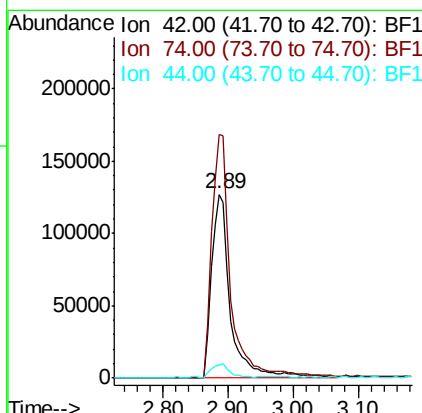
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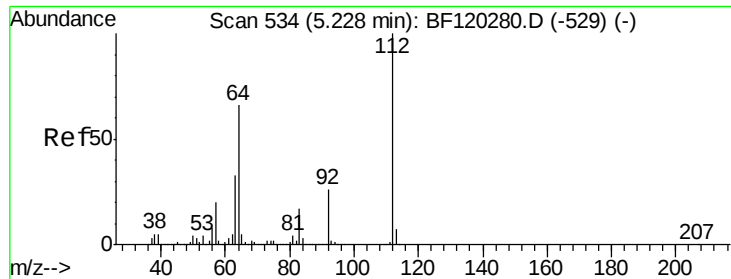
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#4
 n-Nitrosodimethylamine
 Concen: 38.649 ng
 RT: 2.89 min Scan# 136
 Delta R.T. 0.10 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	114.8	172.2
44	7.5	5.6	8.4





#5

2-Fluorophenol

Concen: 102.245 ng

RT: 5.21 min Scan# 531

Delta R.T. 0.02 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:112 Resp: 1384769

Ion Ratio Lower Upper

112 100

64 67.9 52.7 79.1

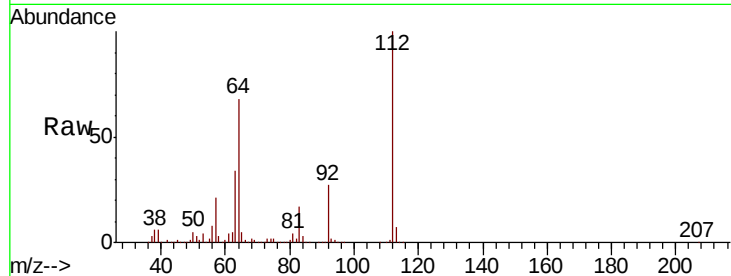
63 34.1 26.2 39.4

Manual Integrations

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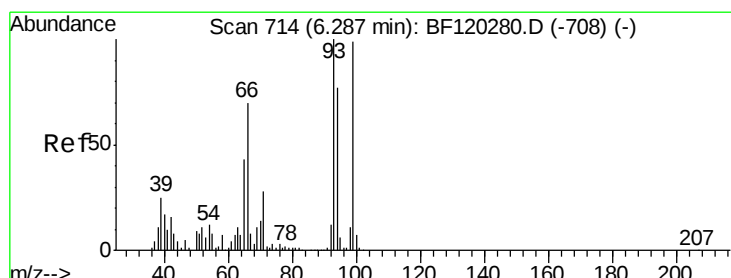
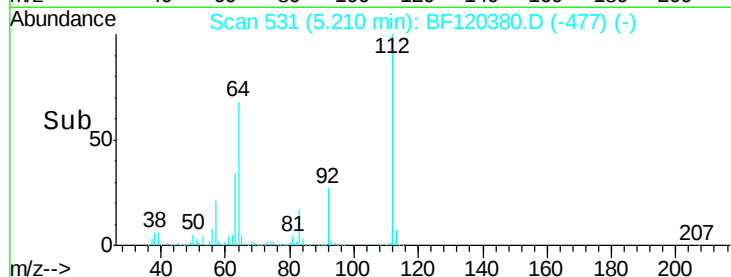
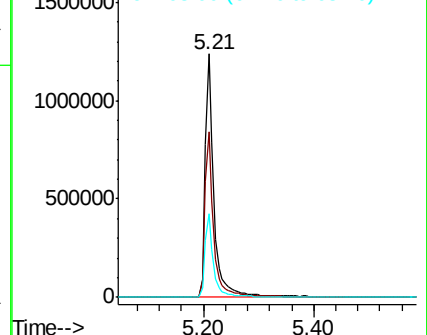
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.894 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion: 93 Resp: 479558

Ion Ratio Lower Upper

93 100

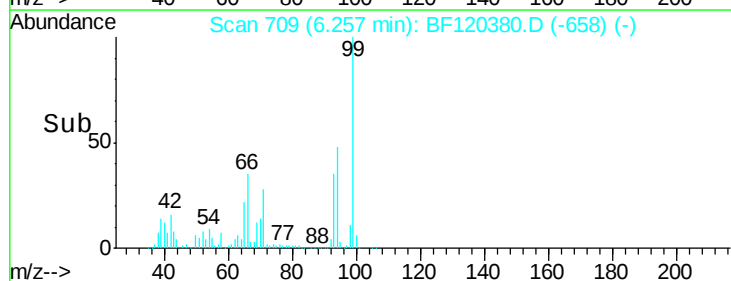
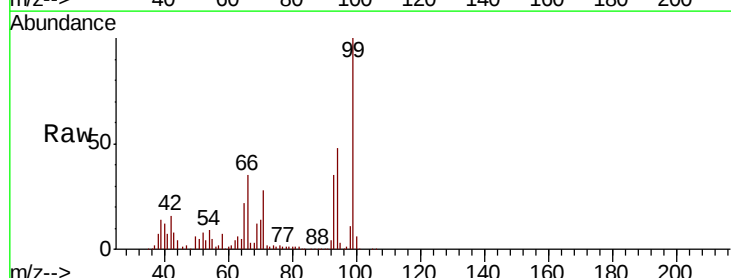
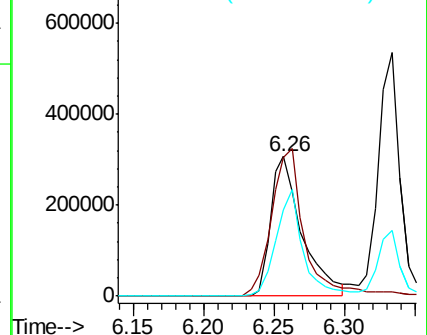
66 99.8 56.2 84.4#

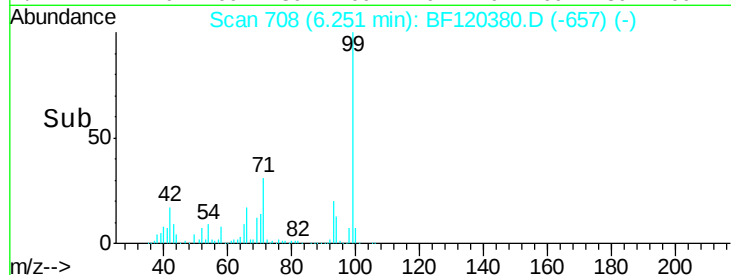
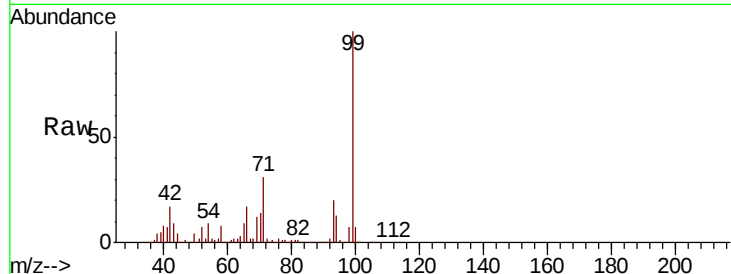
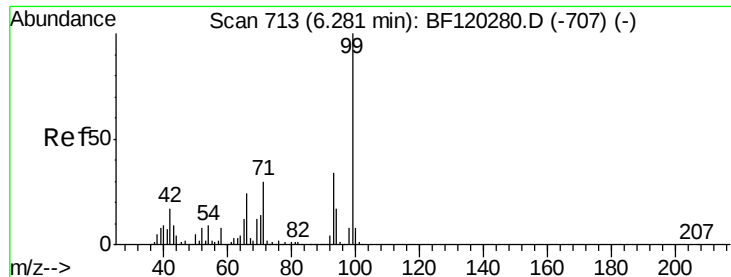
65 61.8 34.2 51.2#

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.792 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tot Ion: 99 Resp: 1863303

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 30.6 24.2 36.4

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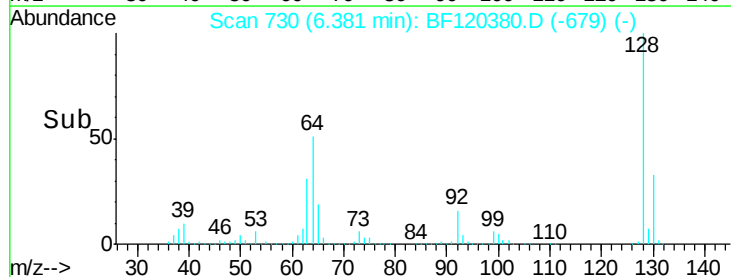
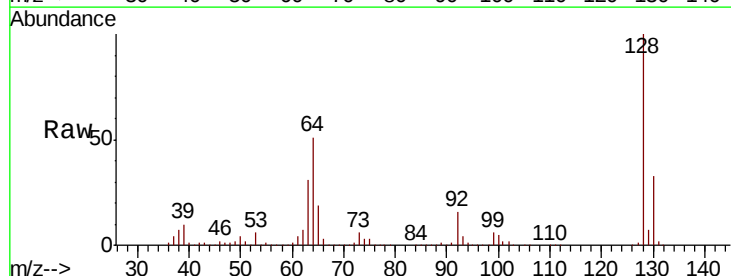
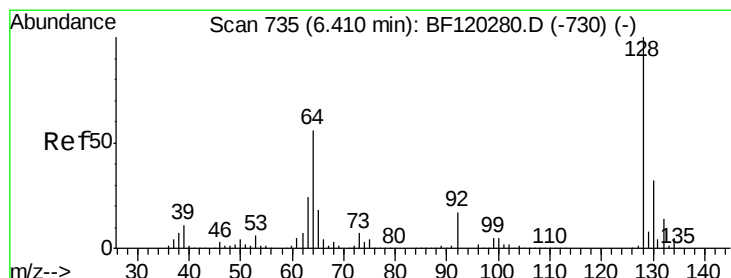
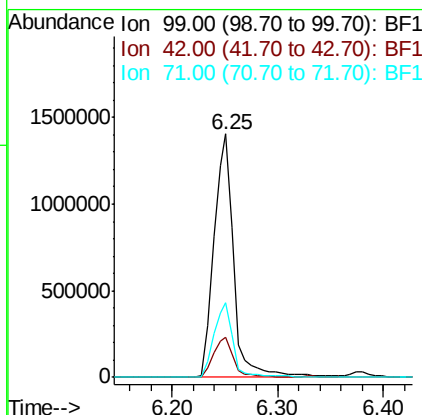
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#8

2-Chlorophenol

Concen: 36.932 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

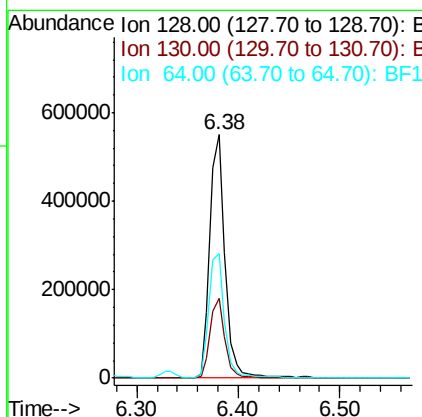
Tgt Ion:128 Resp: 583212

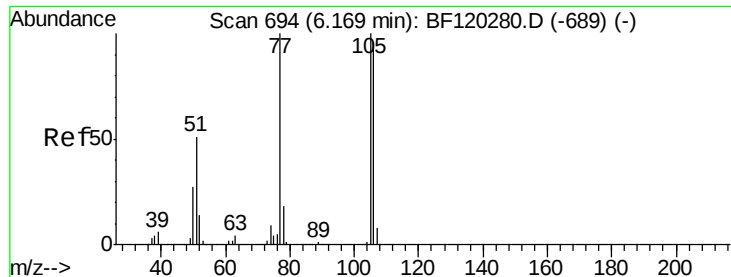
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 51.3 36.7 76.7





#9

Benzaldehyde

Concen: 34.343 ng

RT: 6.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

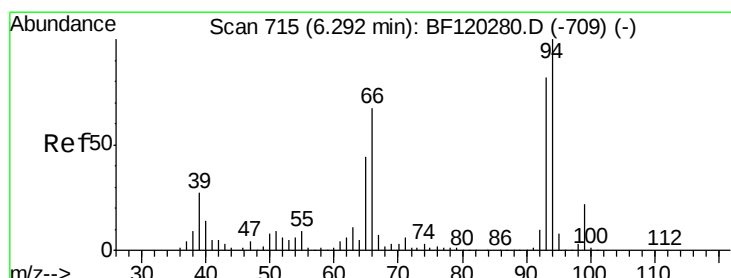
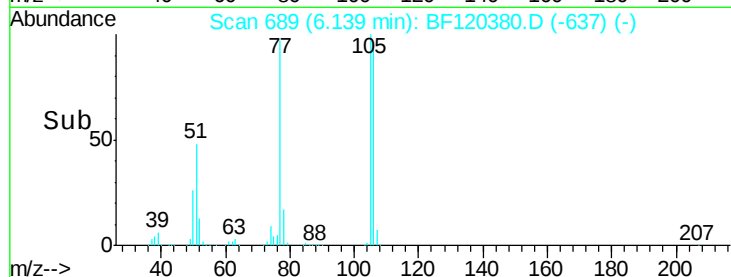
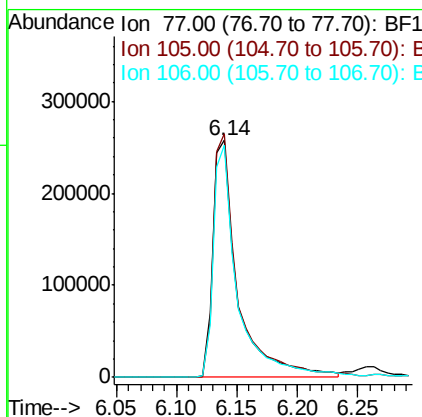
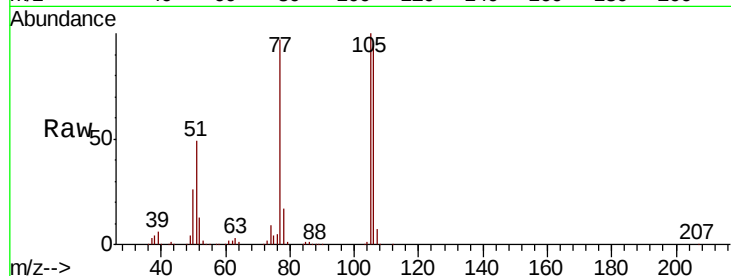
ClientSampleId :

PB129032BS

Tot Ion:	77	Resp:	362608
Ion Ratio	Lower	Upper	
77	100		
105	102.7	79.9	119.9
106	97.7	75.7	115.7

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#10

Phenol

Concen: 36.018 ng

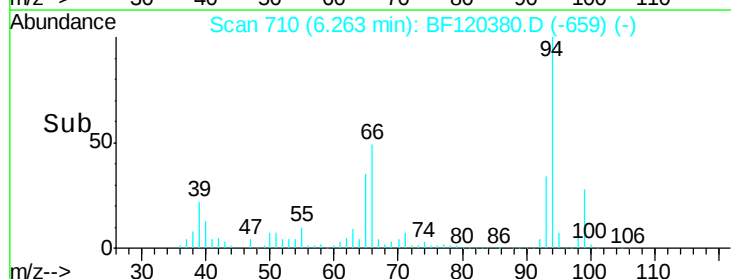
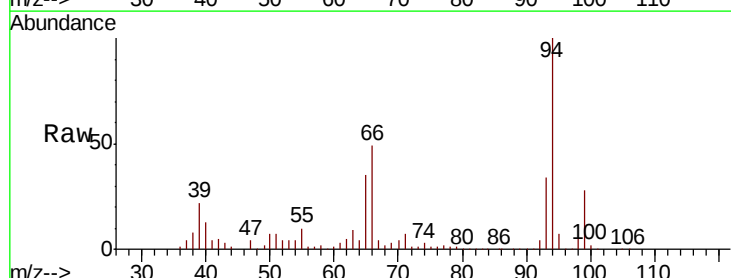
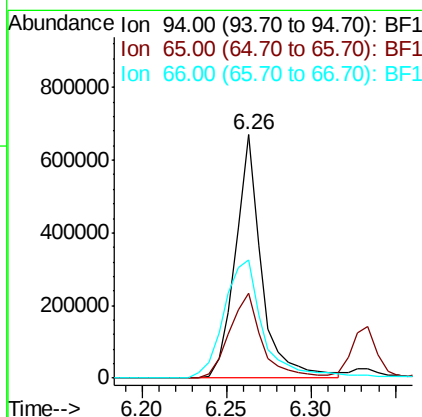
RT: 6.26 min Scan# 710

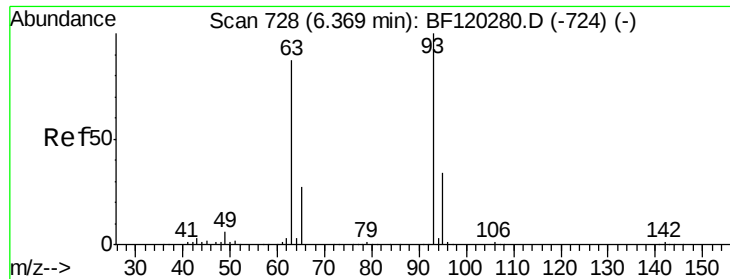
Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	94	Resp:	720126
Ion Ratio	Lower	Upper	
94	100		
65	35.0	24.1	64.1
66	48.5	47.5	87.5





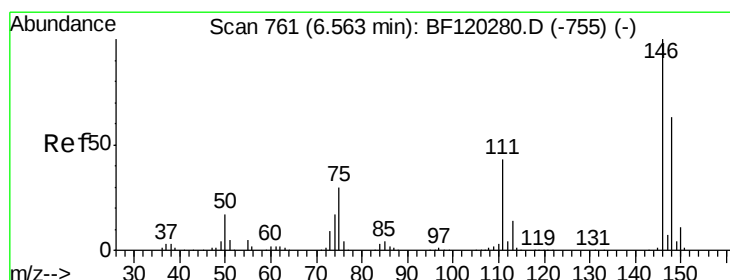
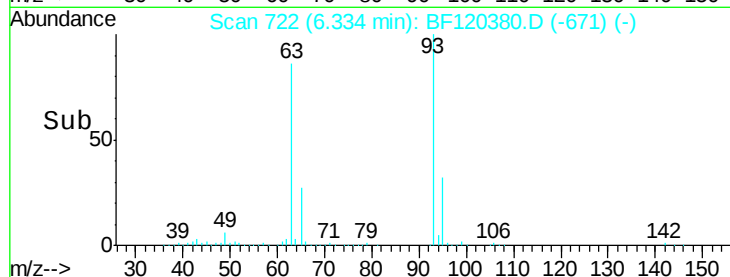
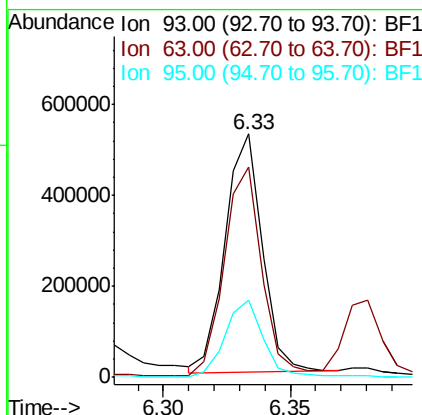
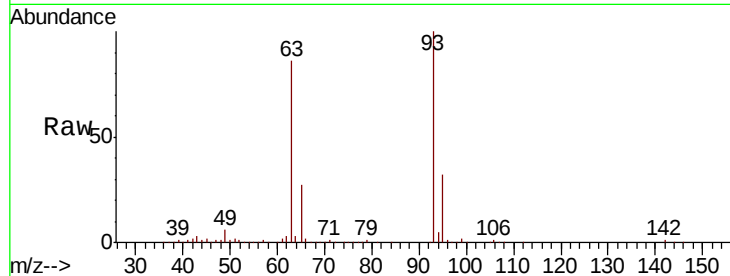
#11
bis(2-Chloroethyl)ether
Concen: 33.345 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	532538		
63	86.4	65.4	105.4	
95	32.0	12.9	52.9	

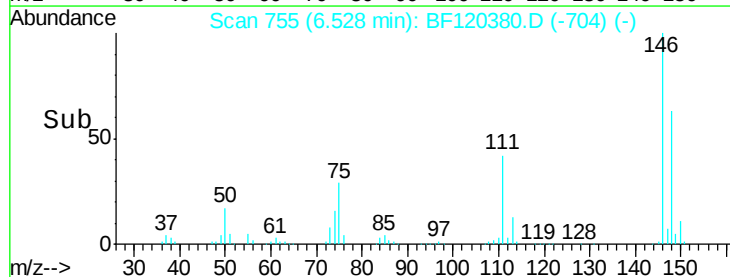
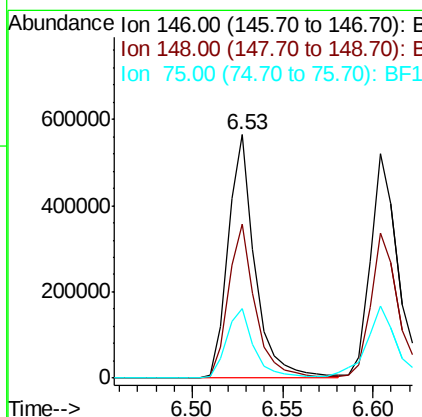
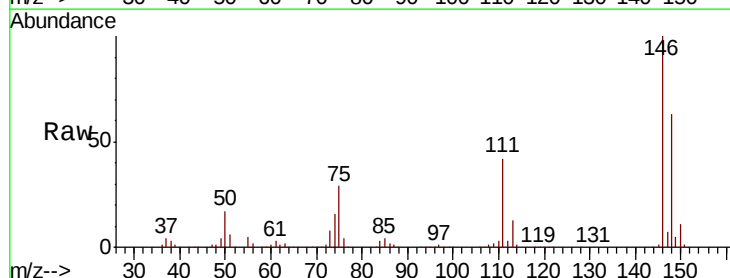
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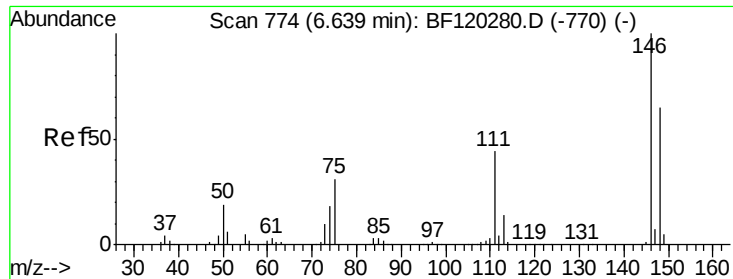
mohammad
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#12
1,3-Dichlorobenzene
Concen: 34.488 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	582768		
148	63.3	50.5	75.7	
75	28.7	24.2	36.4	





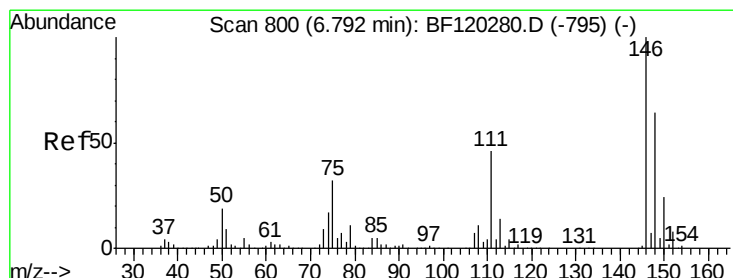
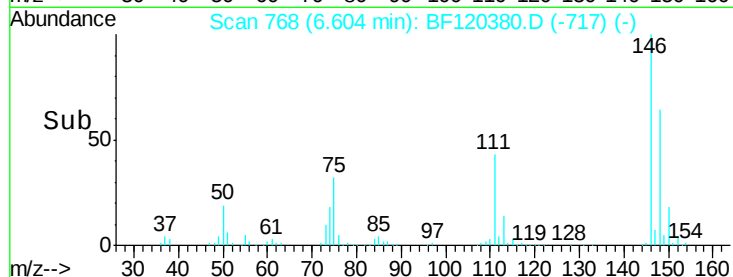
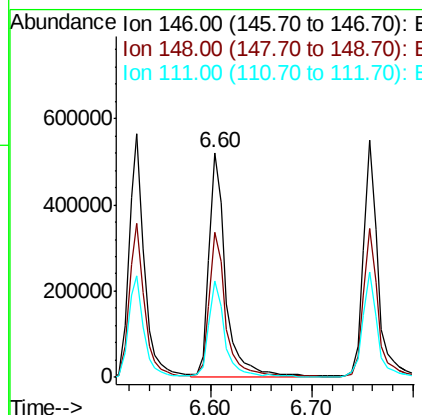
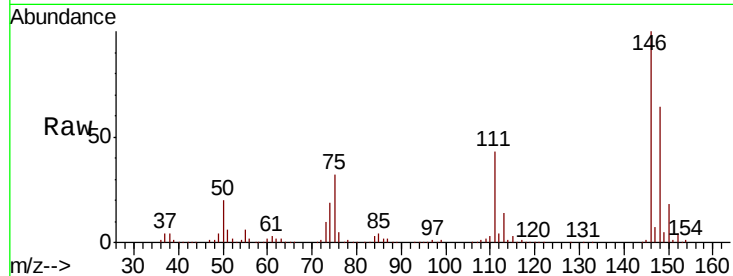
#13
 1,4-Dichlorobenzene
 Concen: 34.517 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	42.7	35.1	52.7

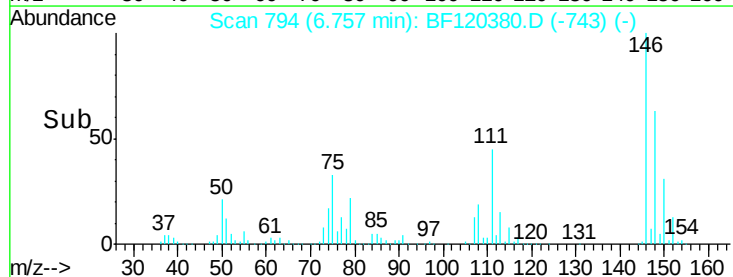
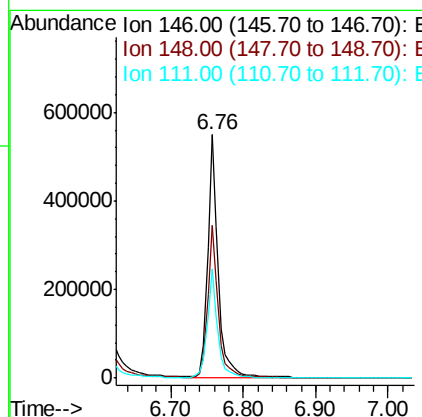
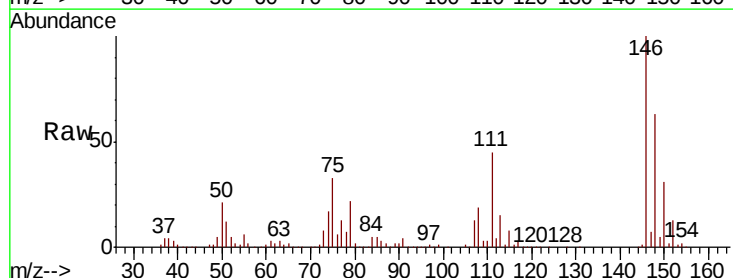
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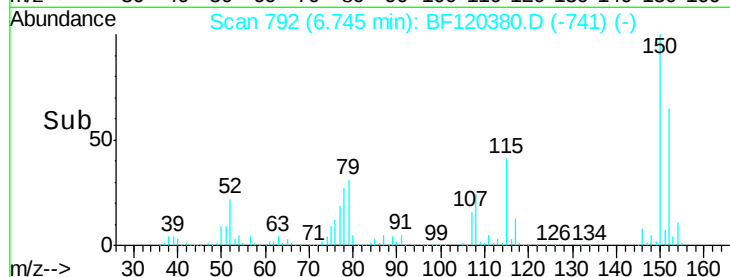
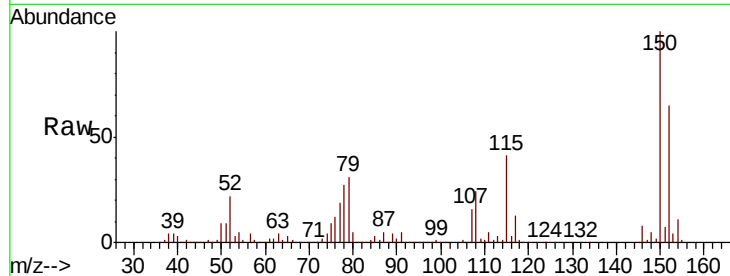
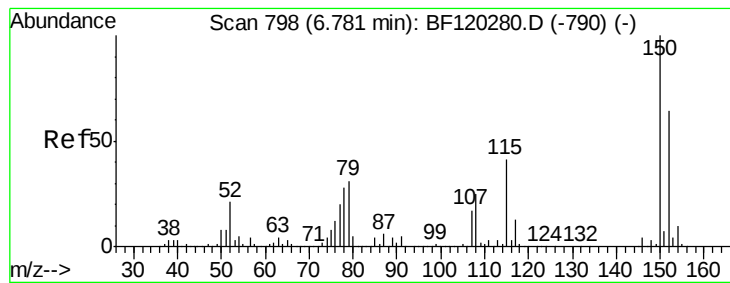
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#14
 1,2-Dichlorobenzene
 Concen: 35.375 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	44.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.257 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tot Ion:	79	Resp:	441169
Ion Ratio	Lower	Upper	
79	100		
108	76.8	64.2	96.4
77	62.9	51.6	77.4

Instrument :

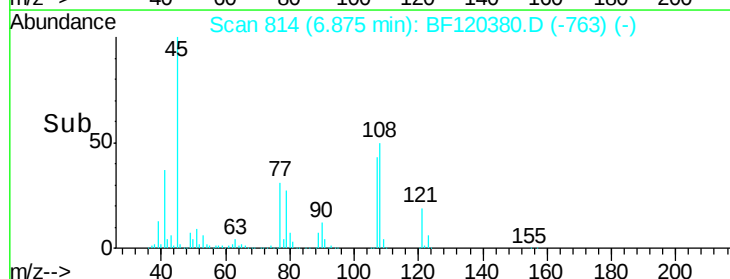
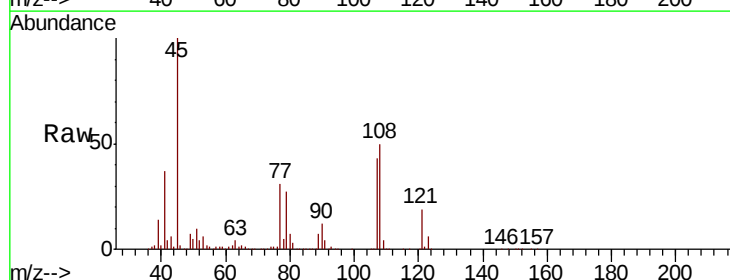
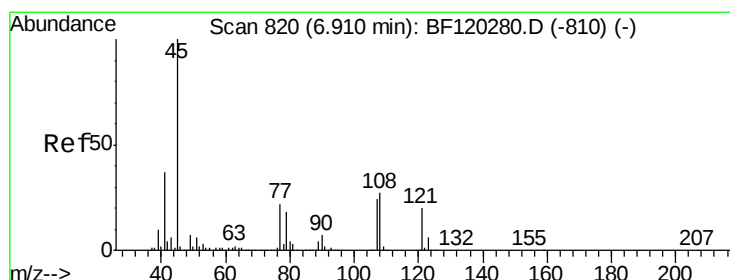
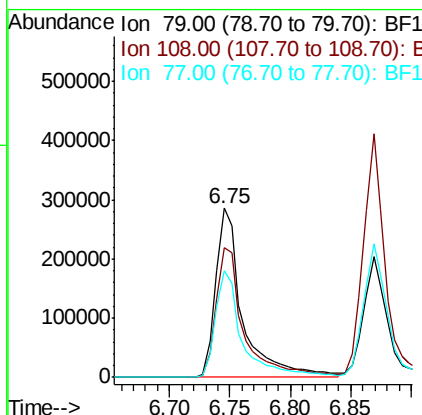
BNA_F

ClientSampleId :

PB129032BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.525 ng

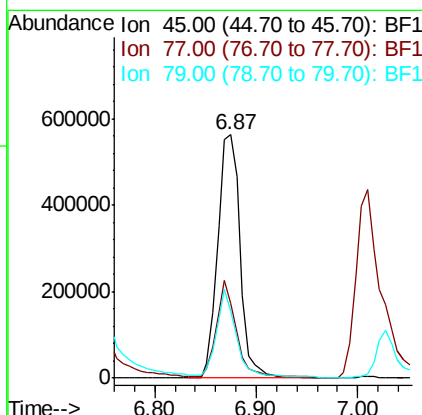
RT: 6.87 min Scan# 814

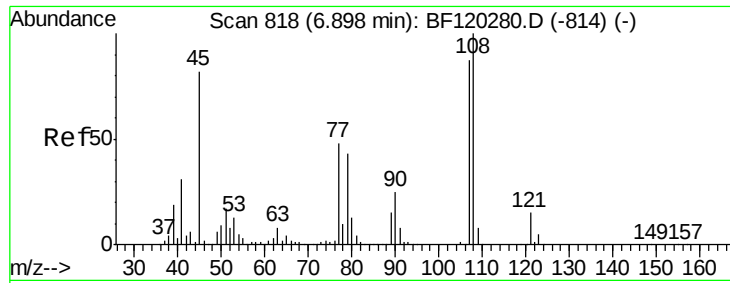
Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	45	Resp:	868942
Ion Ratio	Lower	Upper	
45	100		
77	30.8	3.1	43.1
79	27.4	0.0	40.0





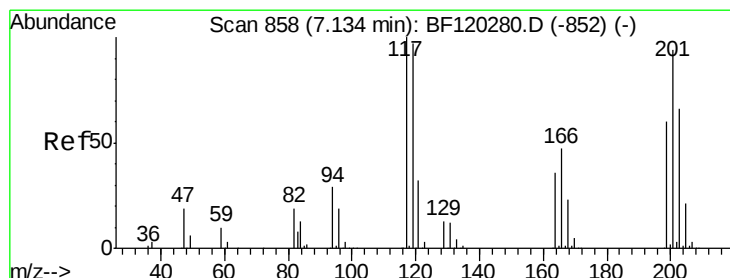
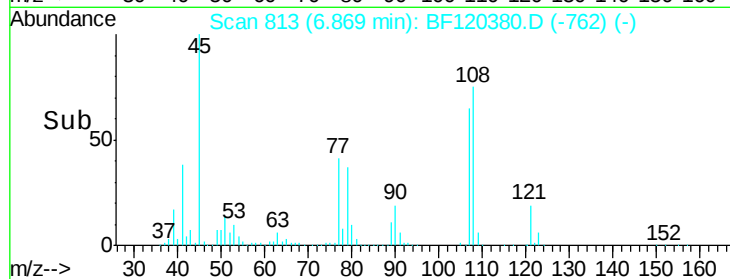
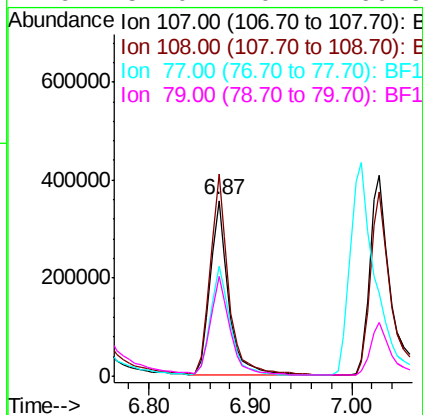
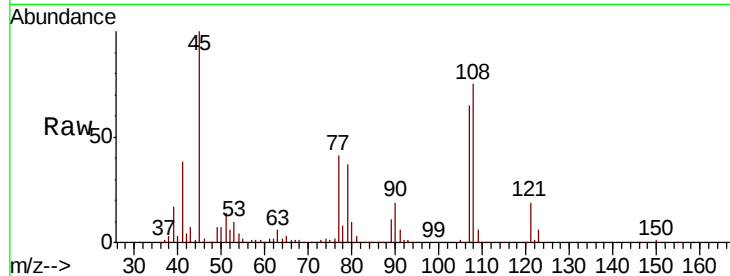
#17
2-Methylphenol
Concen: 34.002 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	453273		
108	114.8	92.4	138.6	
77	63.0	44.5	66.7	
79	57.0	40.4	60.6	

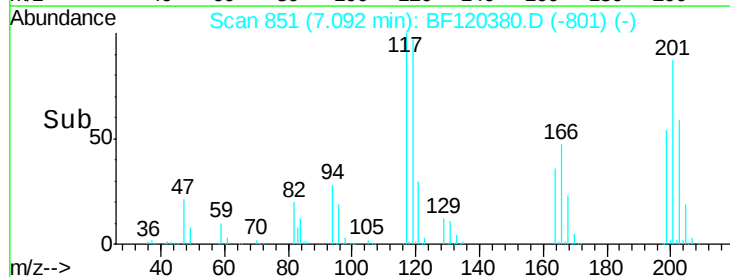
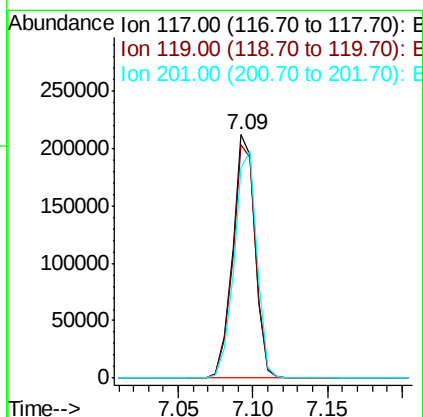
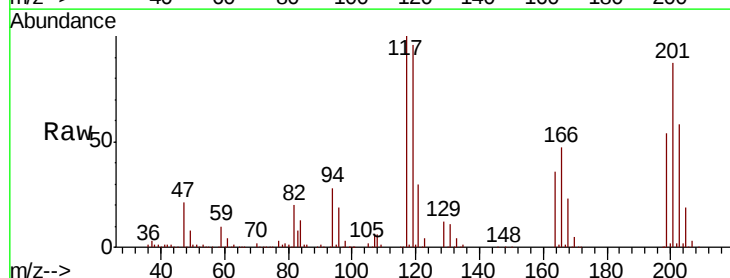
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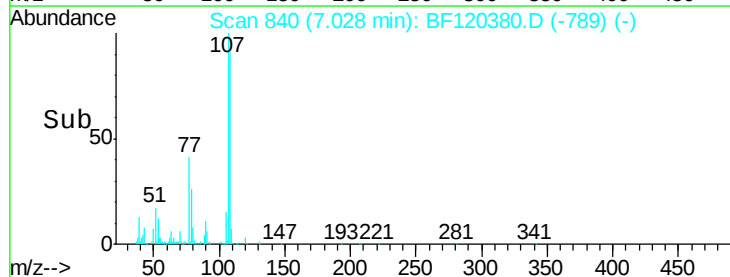
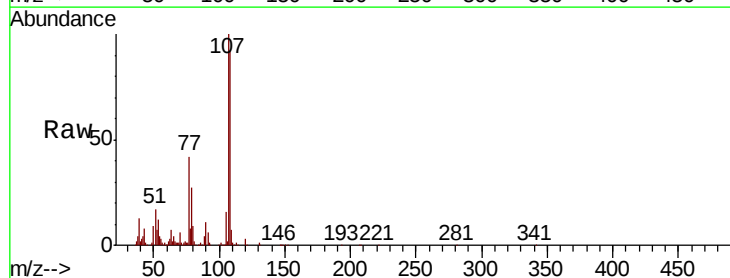
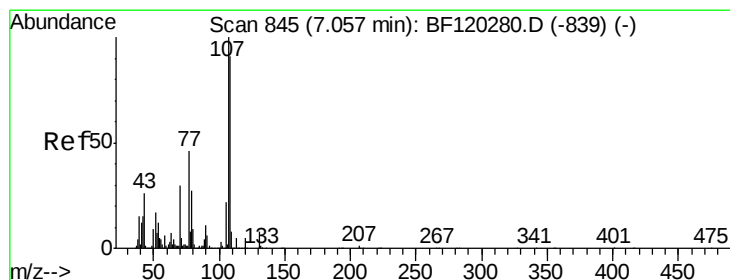
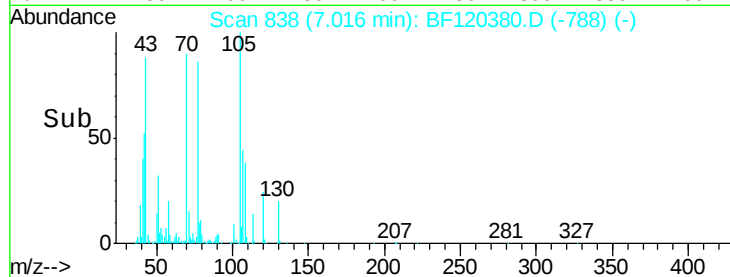
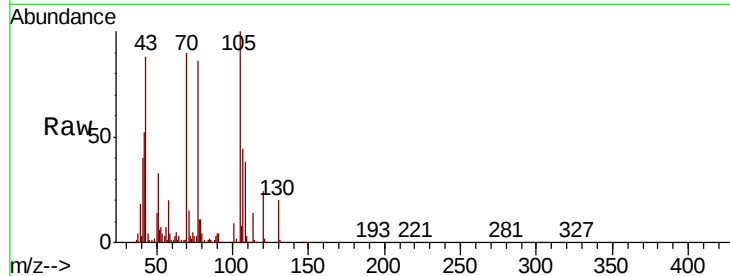
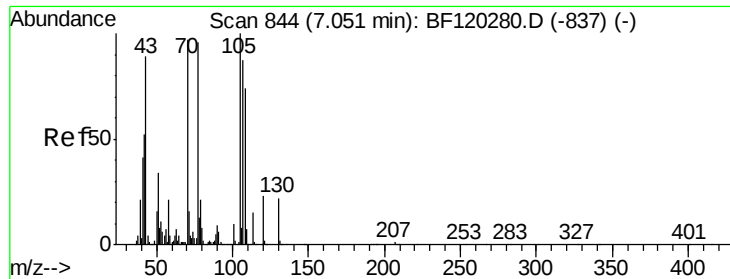
mohammad
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#18
Hexachloroethane
Concen: 33.885 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

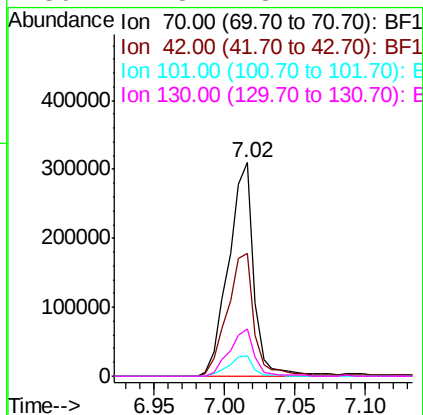
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224659		
119	96.0	77.4	116.0	
201	86.6	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 34.621 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	43.4	65.0	
101	9.6	7.8	11.8	
130	22.3	18.2	27.4	



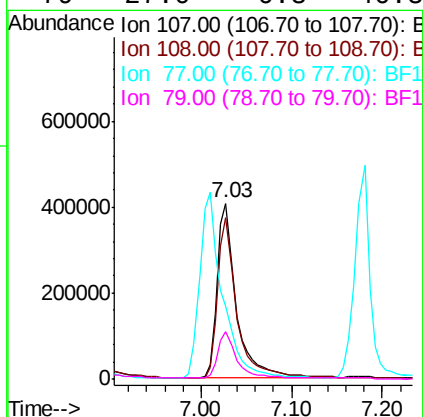
Instrument :
BNA_F
ClientSampleId :
PB129032BS

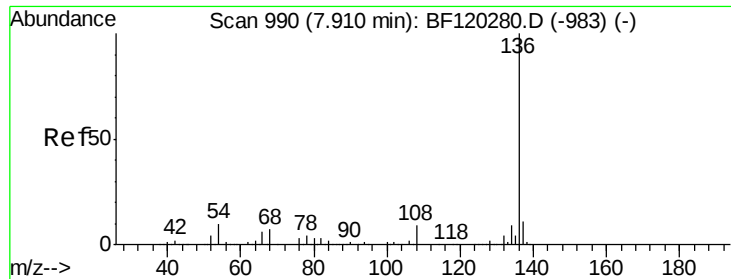
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#20
3+4-Methylphenols
Concen: 34.684 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.7	71.1	111.1	
77	41.7	28.1	68.1	
79	27.0	6.8	46.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:136 Resp: 1048128

Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 10.1 7.9 11.9

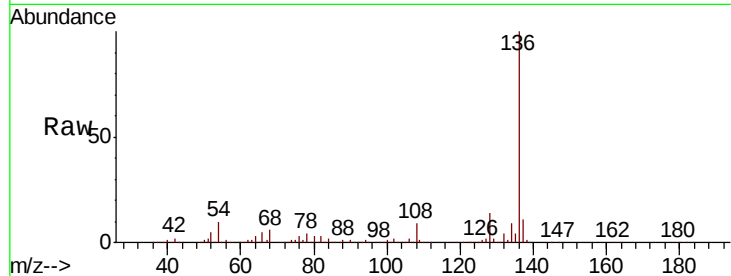
68 6.2 5.4 8.2

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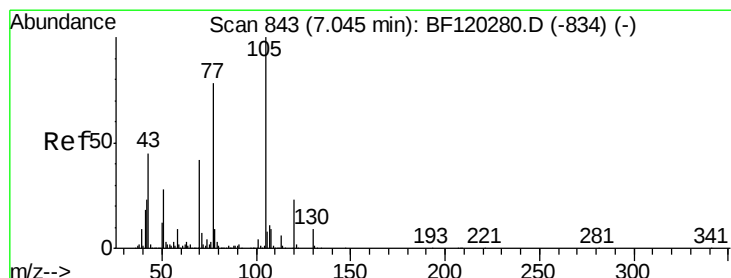
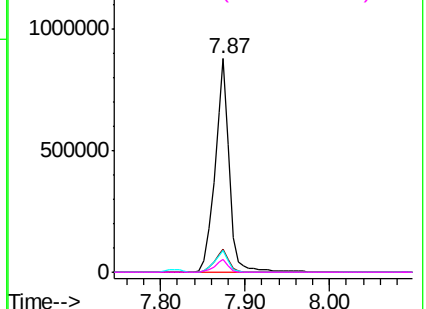
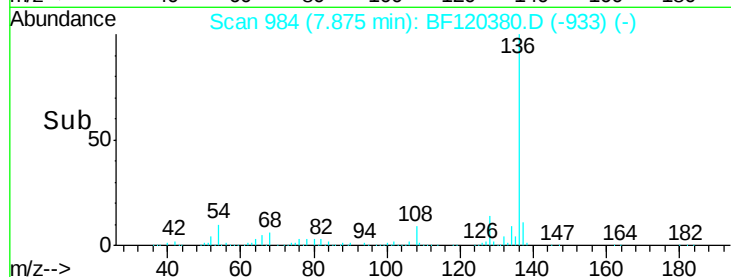


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.710 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:105 Resp: 788234

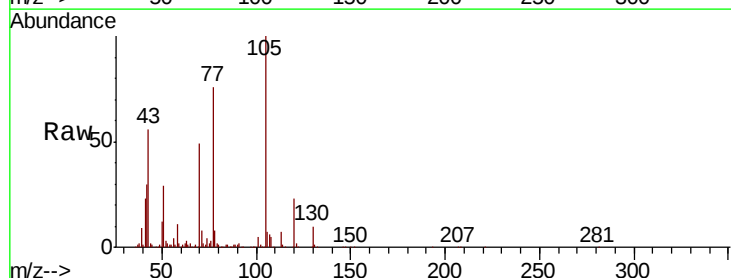
Ion Ratio Lower Upper

105 100

71 8.4 5.6 8.4#

51 28.9 22.6 34.0

120 22.5 18.7 28.1

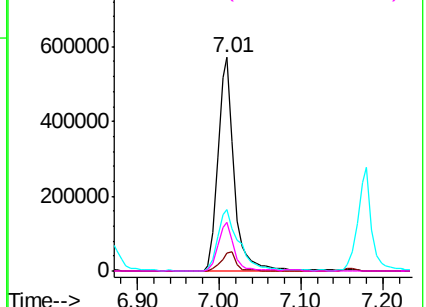
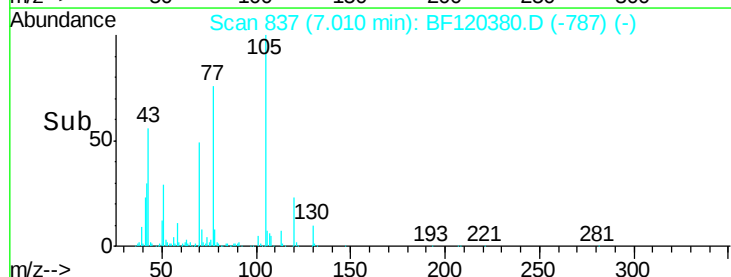


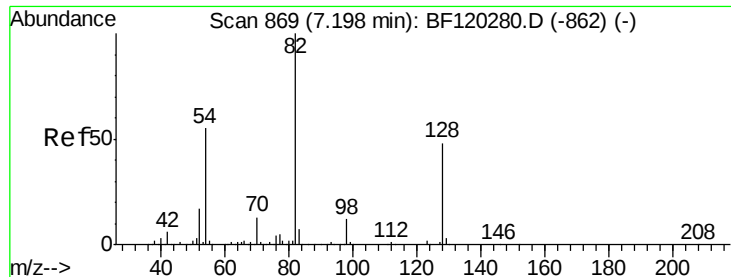
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





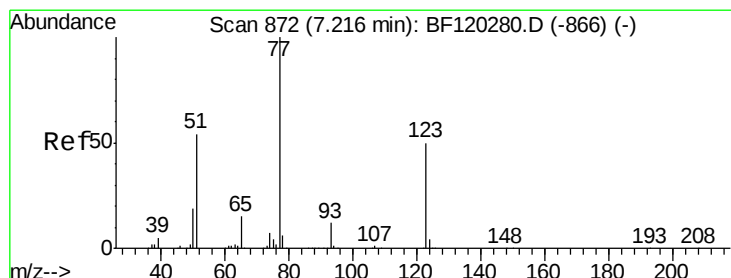
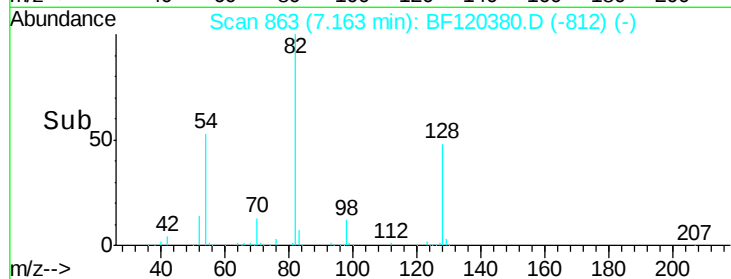
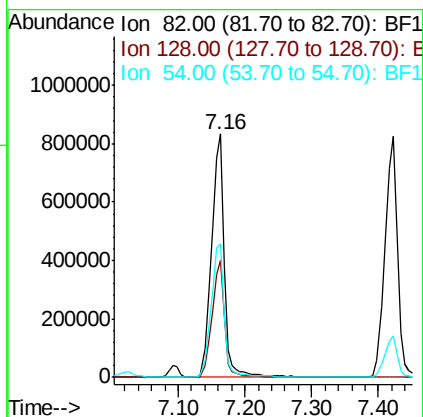
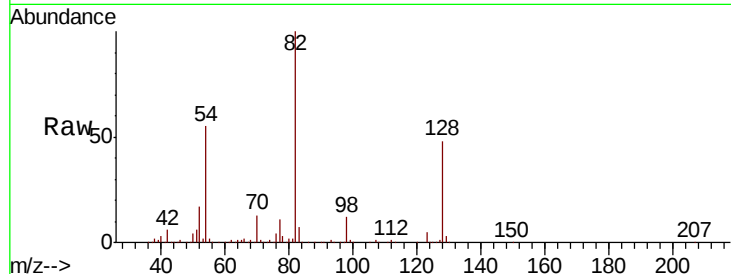
#23
 Nitrobenzene-d5
 Concen: 73.789 ng
 RT: 7.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampled :
 PB129032BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.3	57.5
54	54.7	43.9	65.9

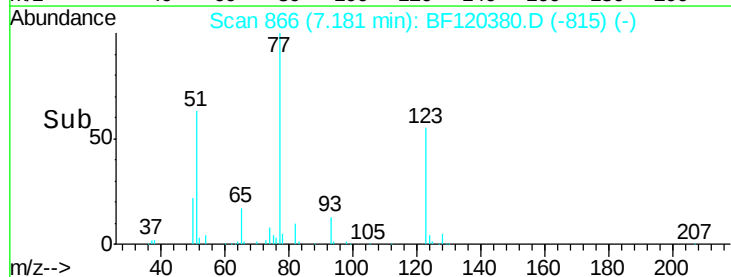
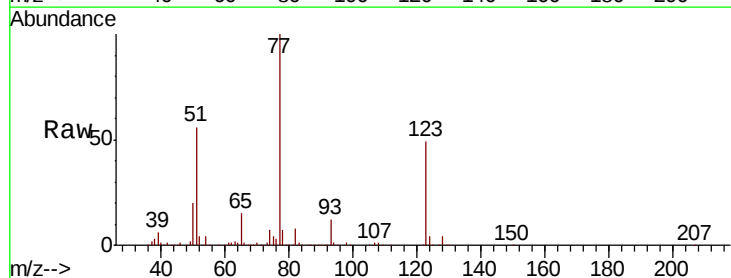
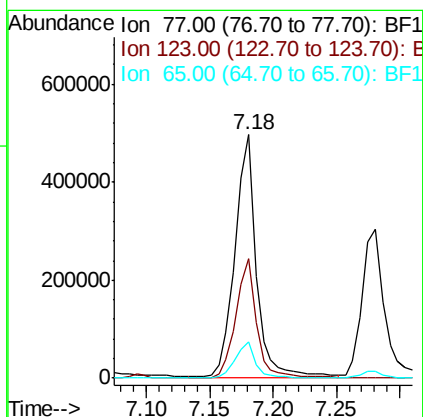
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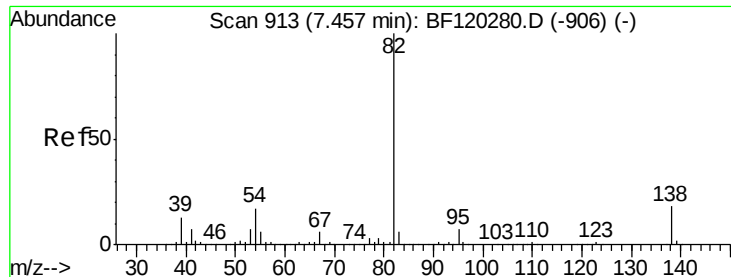
mohammad
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#24
 Nitrobenzene
 Concen: 34.978 ng
 RT: 7.18 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	40.0	60.0
65	14.7	11.7	17.5





#25

Isophorone

Concen: 34.133 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion: 82 Resp: 1087209

Ion Ratio Lower Upper

82 100

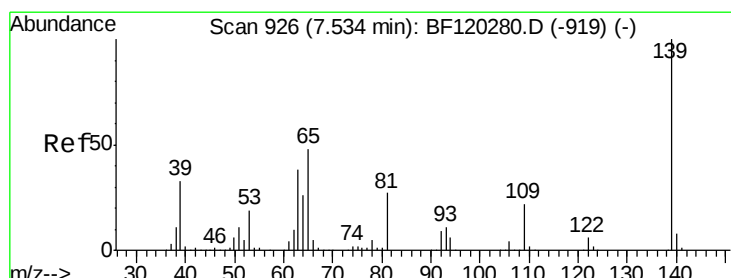
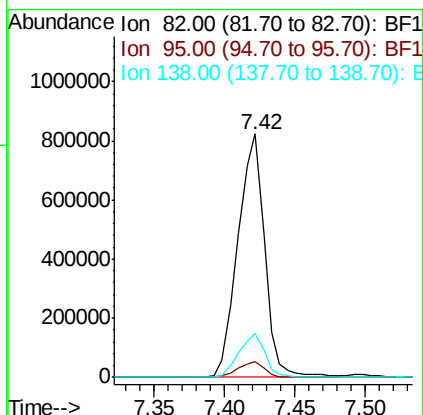
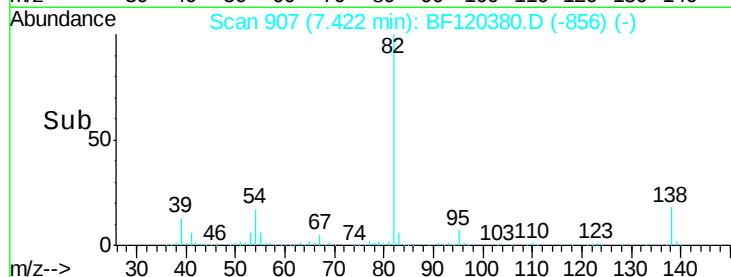
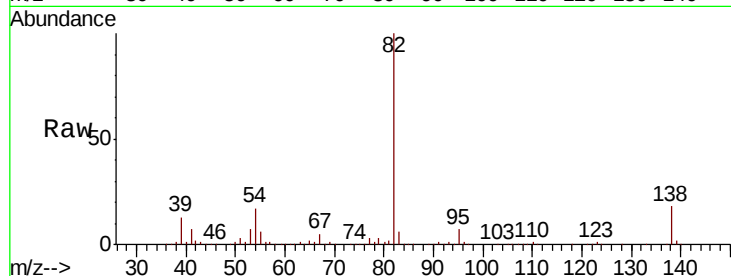
95 6.6 5.4 8.0

138 18.0 14.7 22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.937 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

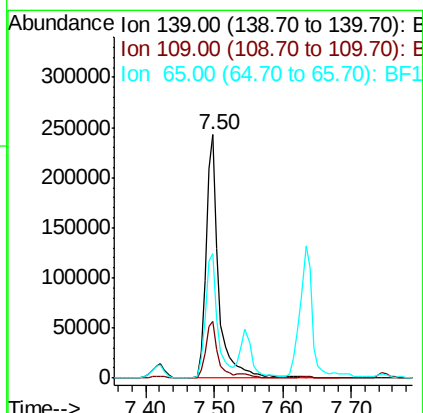
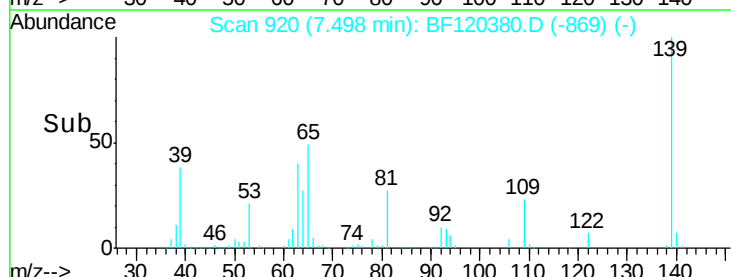
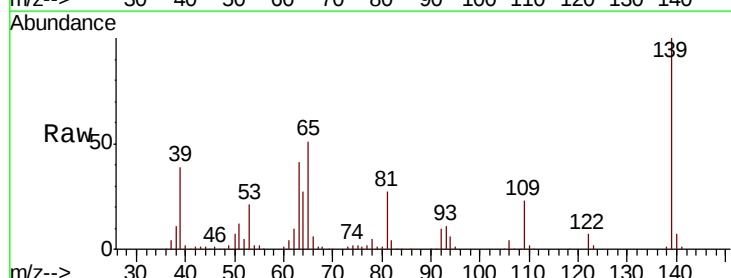
Tgt Ion: 139 Resp: 318269

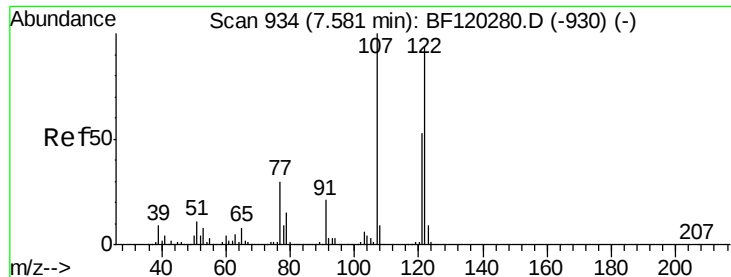
Ion Ratio Lower Upper

139 100

109 23.2 17.7 26.5

65 51.4 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 39.314 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

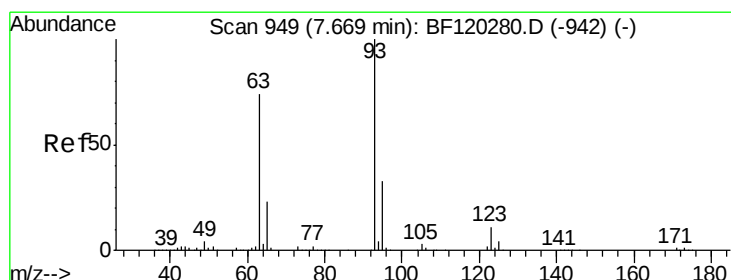
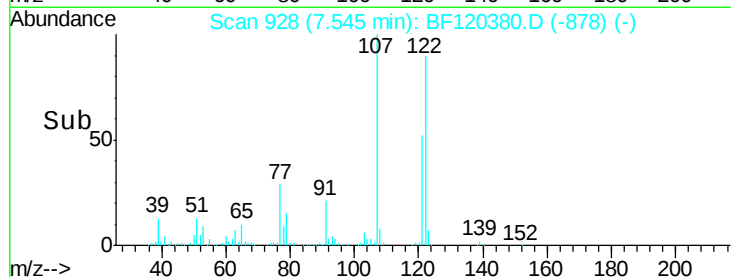
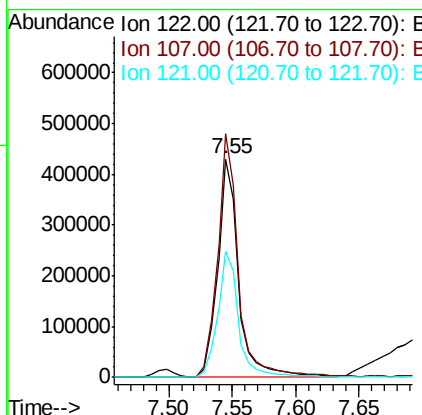
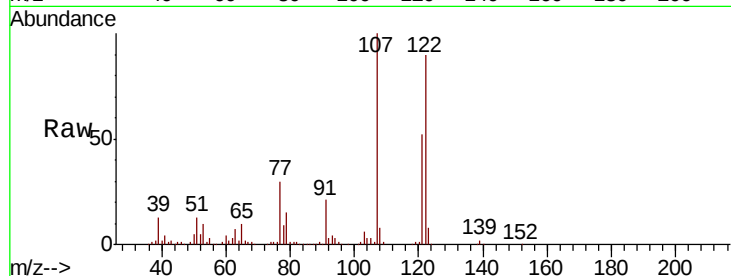
ClientSampleId :

PB129032BS

Tot Ion:	122	Resp:	492776
Ion Ratio	Lower	Upper	
122	100		
107	111.5	85.0	127.6
121	57.5	45.1	67.7

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#28

bis(2-Chloroethoxy)methane

Concen: 34.504 ng

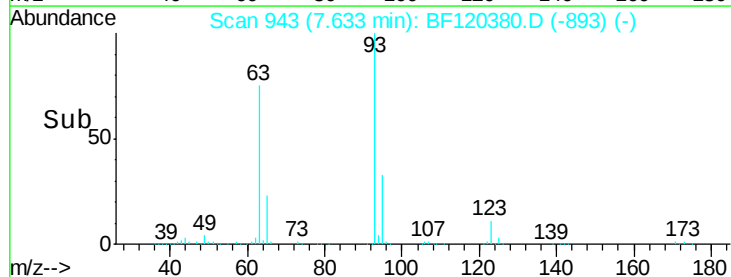
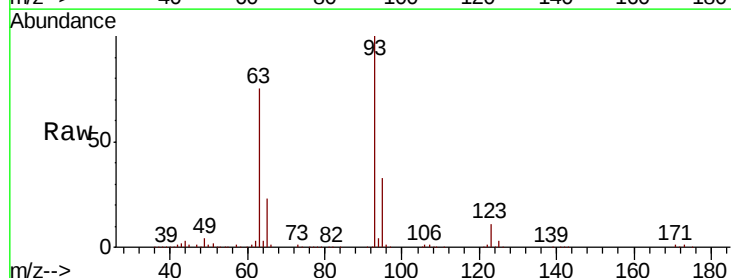
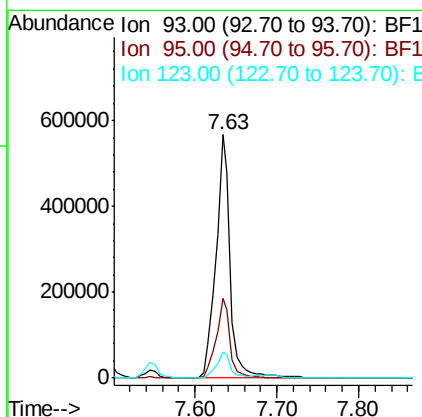
RT: 7.63 min Scan# 943

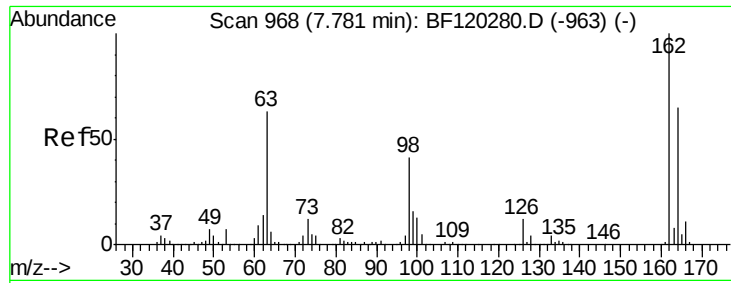
Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	93	Resp:	690793
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	10.7	9.2	13.8





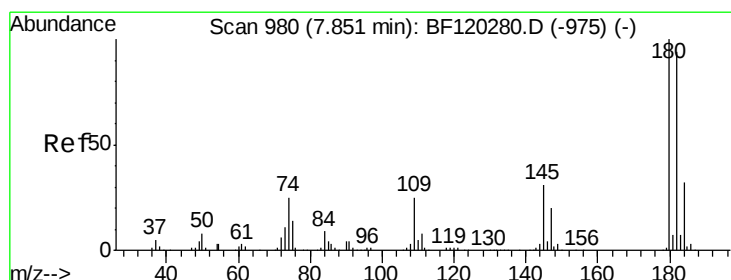
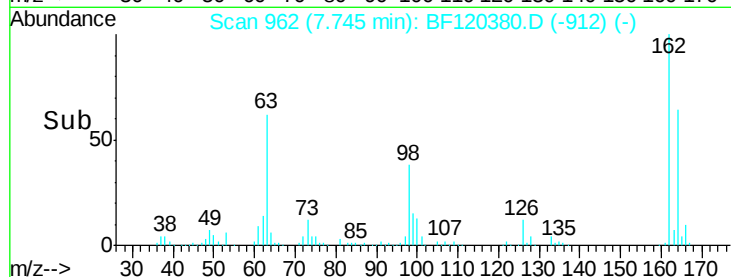
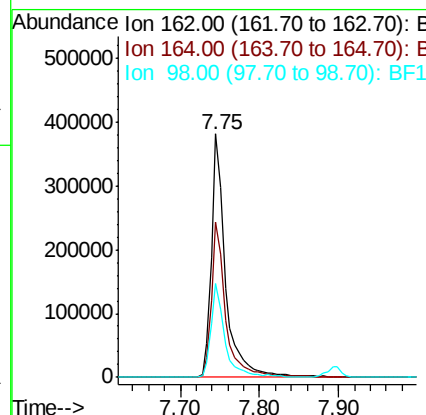
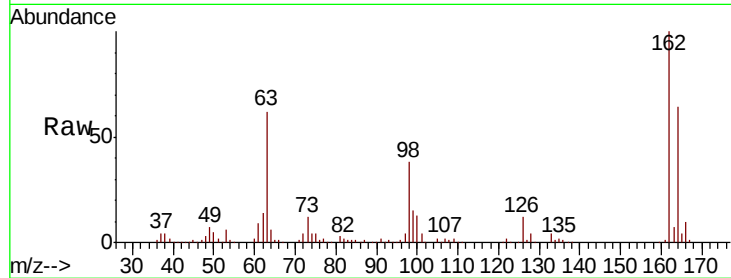
#29
2,4-Dichlorophenol
Concen: 37.243 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion:	162	Resp:	479444
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.9	84.9
98	38.3	20.7	60.7

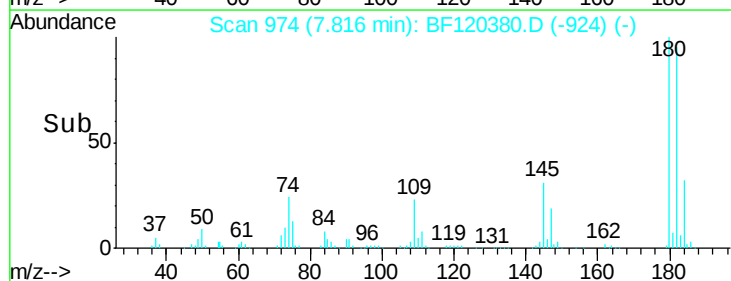
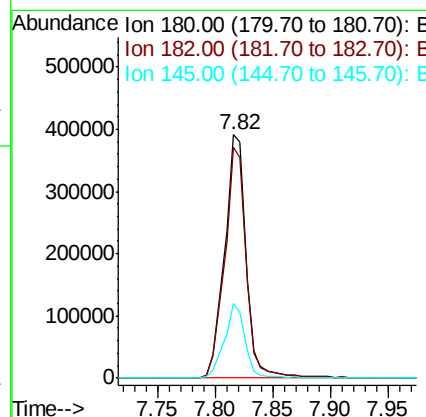
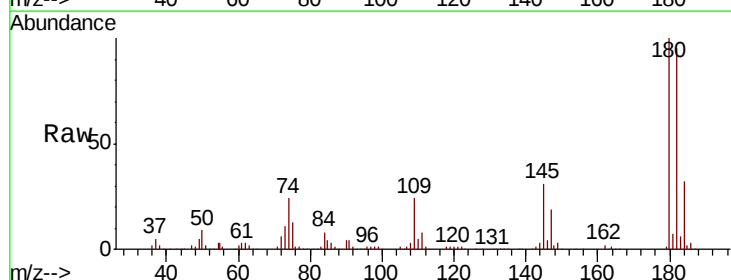
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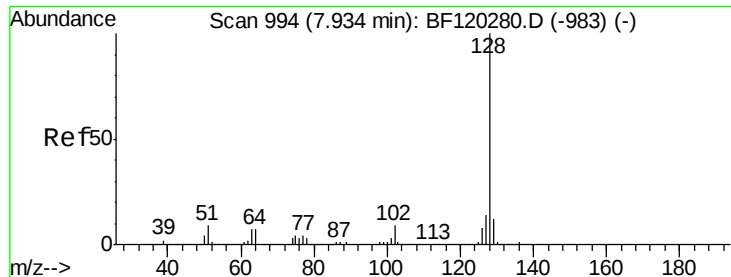
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#30
1,2,4-Trichlorobenzene
Concen: 35.869 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion:	180	Resp:	511691
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.3	112.9
145	30.8	24.9	37.3





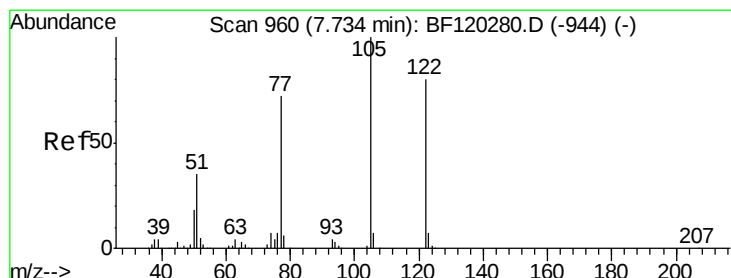
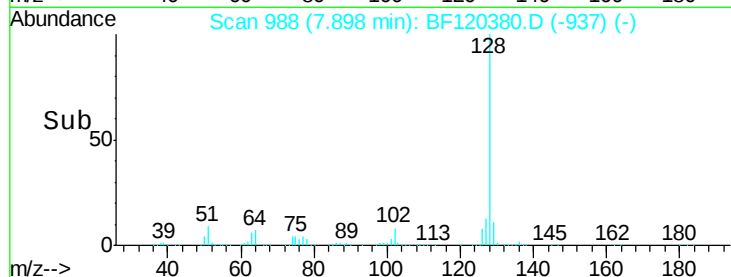
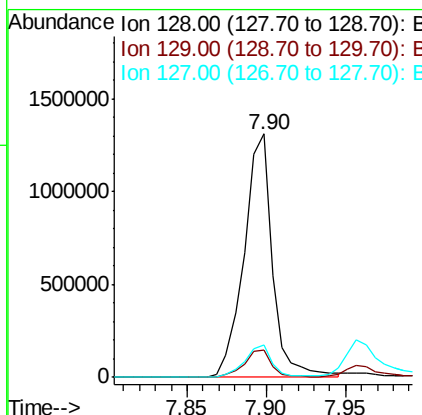
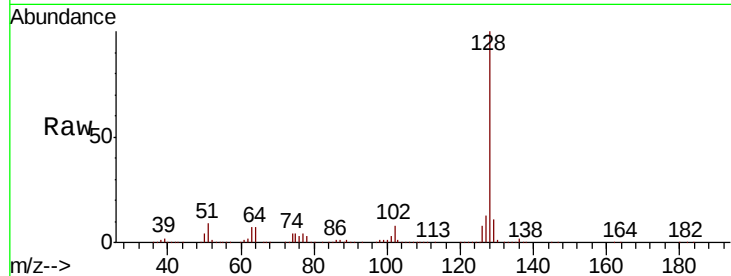
#31
Naphthalene
Concen: 36.901 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	11.2	16.8

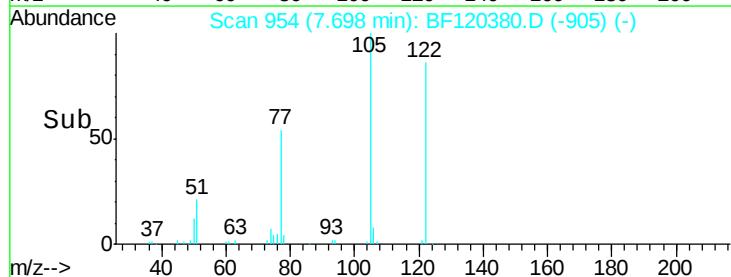
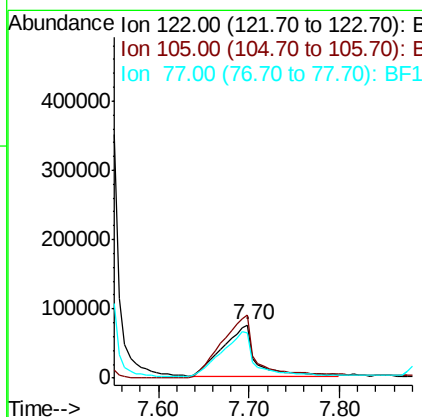
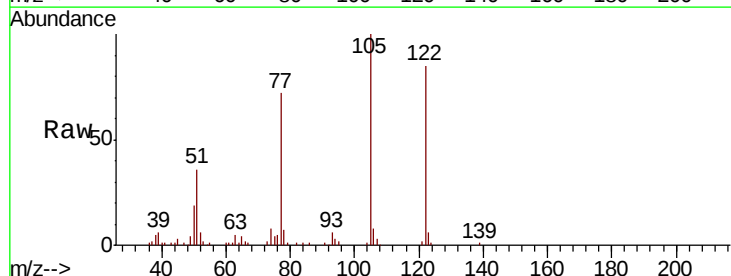
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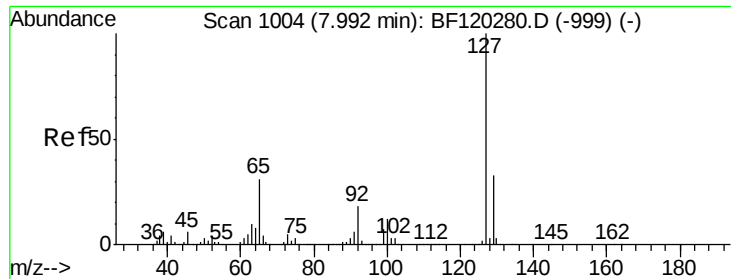
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#32
Benzoic acid
Concen: 23.514 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	98.1	138.1
77	84.8	66.7	106.7





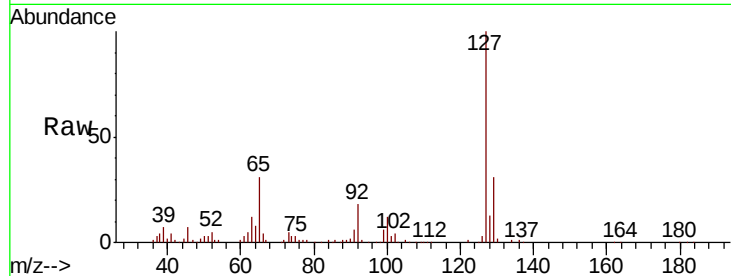
#33
4-Chloroaniline
Concen: 16.789 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	26.4	39.6		
65	31.1	24.8	37.2		
92	18.1	14.5	21.7		

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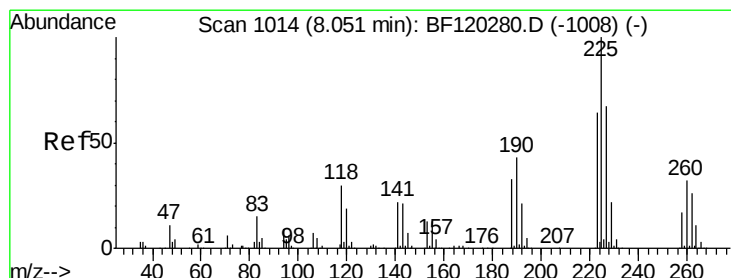
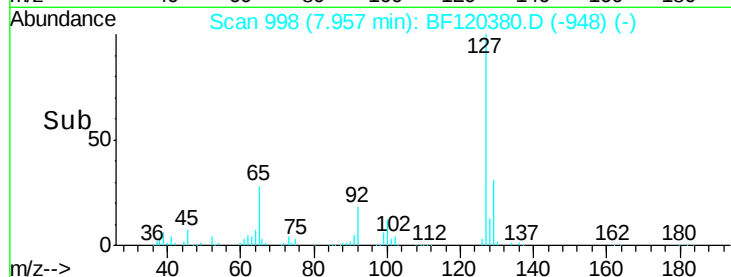
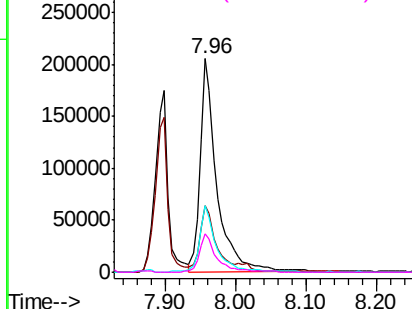
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

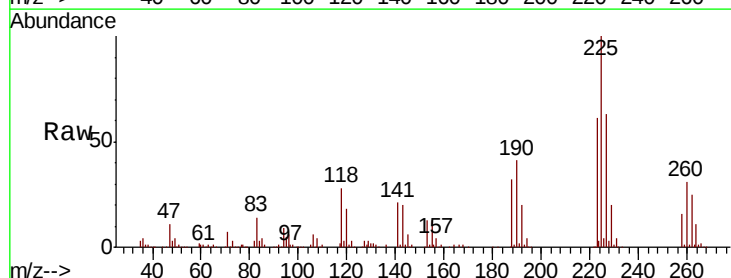
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.261 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	51.4	77.0		
227	62.9	54.0	81.0		

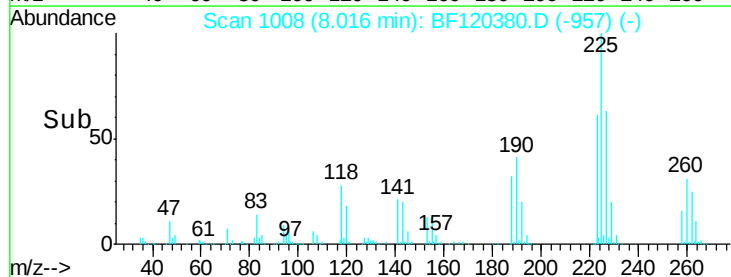
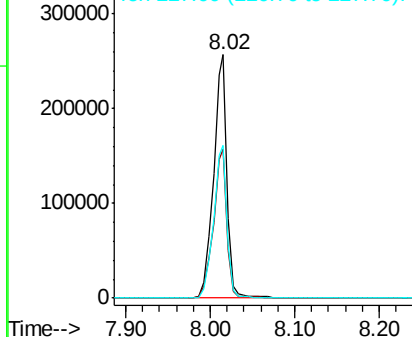


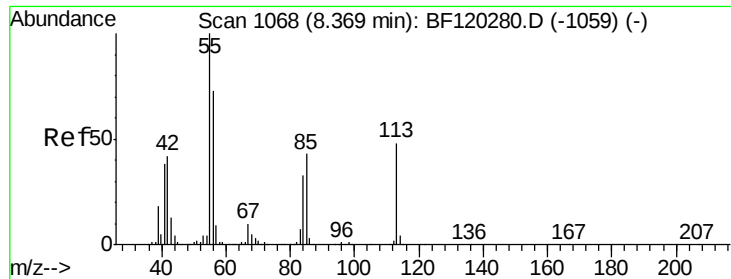
Abundance

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: 33.897 ng/mL

RT: 8.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

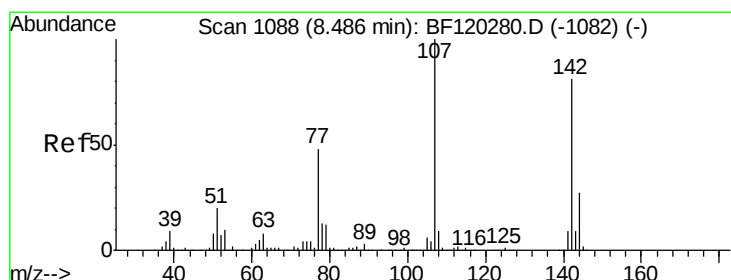
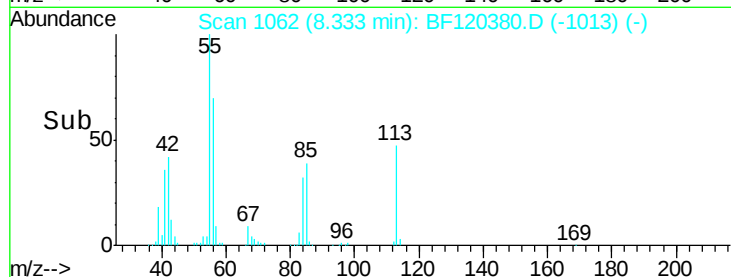
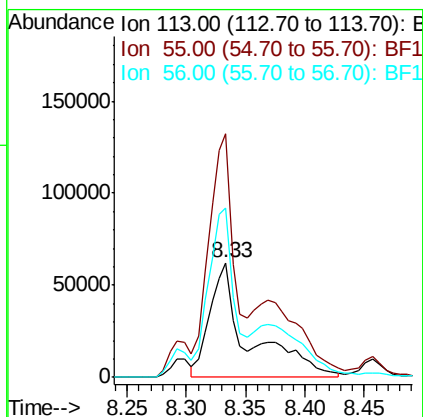
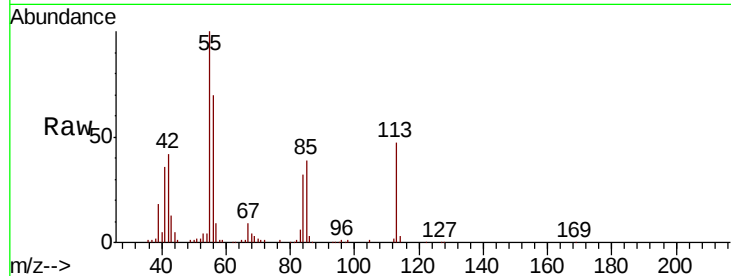
ClientSampleID :

PB129032BS

Tot Ion:	113	Resp:	142758
Ion Ratio	Lower	Upper	
113	100		
55	211.8	190.4	230.4
56	147.3	132.7	172.7

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#36

4-Chloro-3-methylphenol

Concen: 32.620 ng/mL

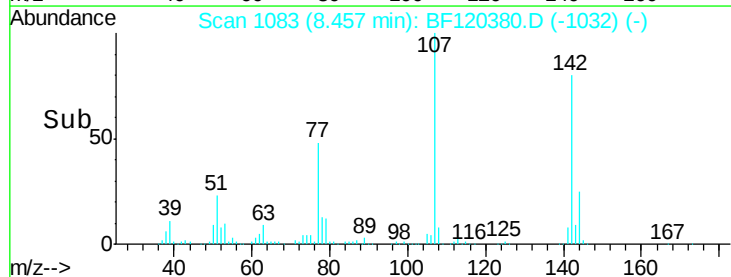
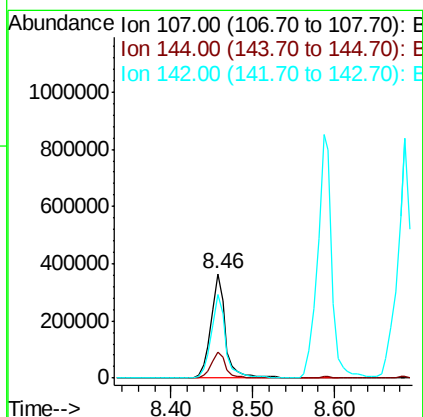
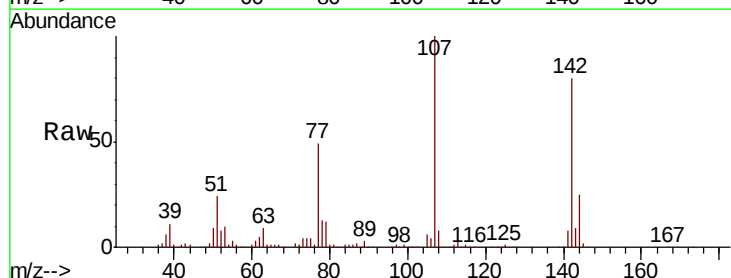
RT: 8.46 min Scan# 1083

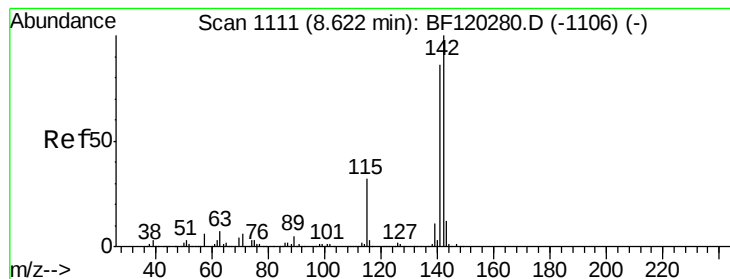
Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	107	Resp:	454276
Ion Ratio	Lower	Upper	
107	100		
144	25.3	21.4	32.2
142	80.0	65.1	97.7





#37

2-Methylnaphthalene

Concen: 34.244 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:142 Resp: 1036638

Ion Ratio Lower Upper

142 100

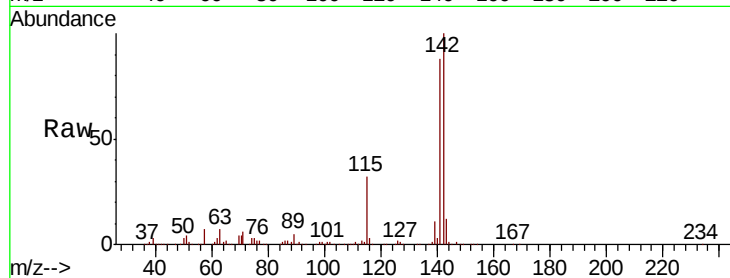
141 88.3 68.8 103.2

115 32.3 25.7 38.5

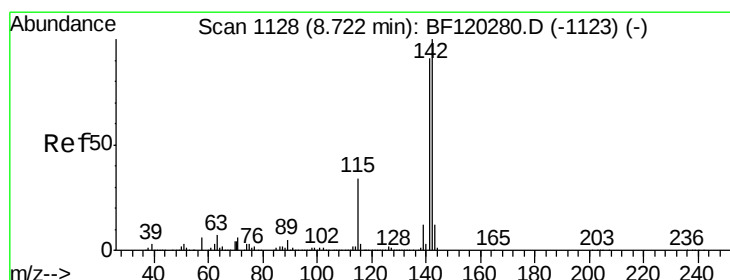
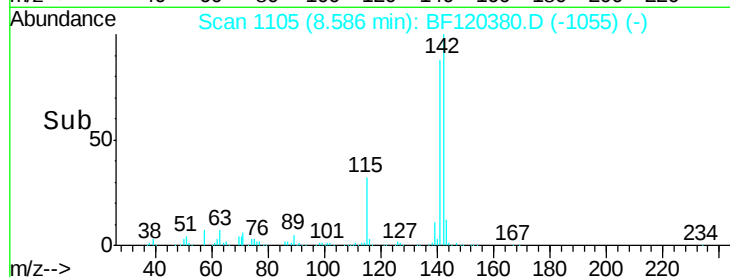
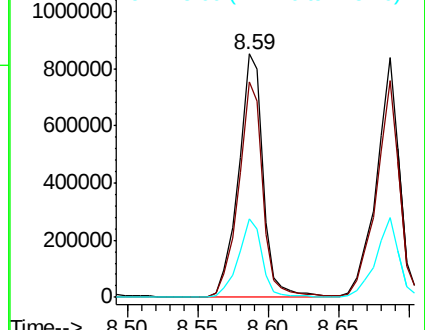
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 33.076 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

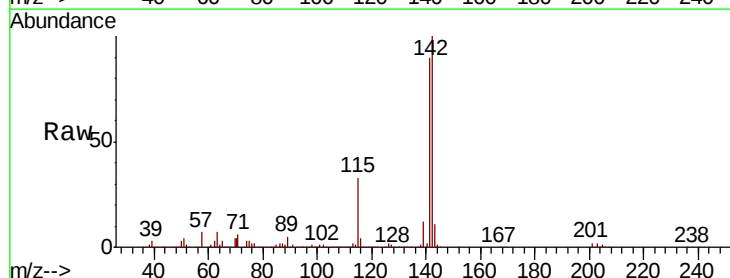
Tgt Ion:142 Resp: 971100

Ion Ratio Lower Upper

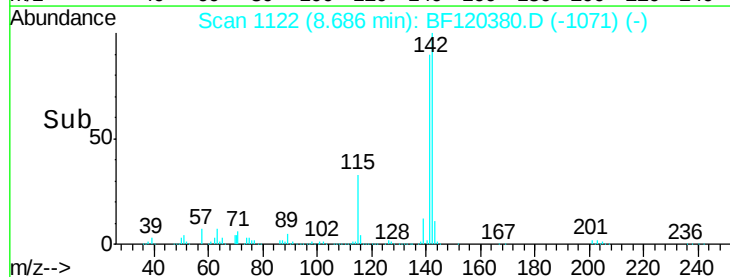
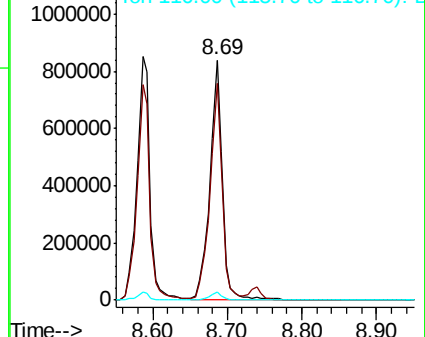
142 100

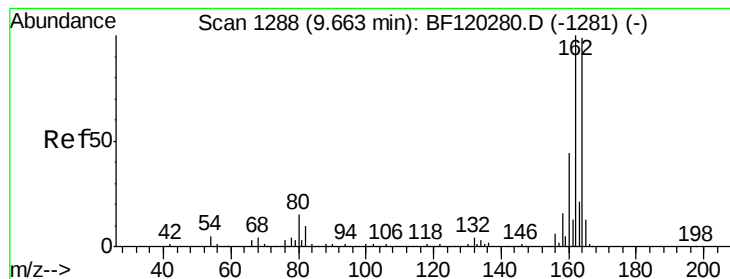
141 90.2 73.0 109.6

116 3.5 2.7 4.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

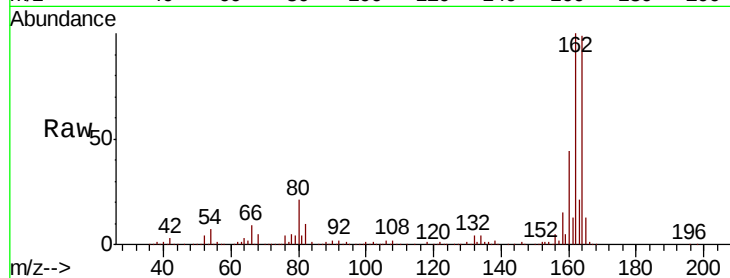
ClientSampleId :

PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	81.2	121.8	
160	44.3	35.8	53.6	

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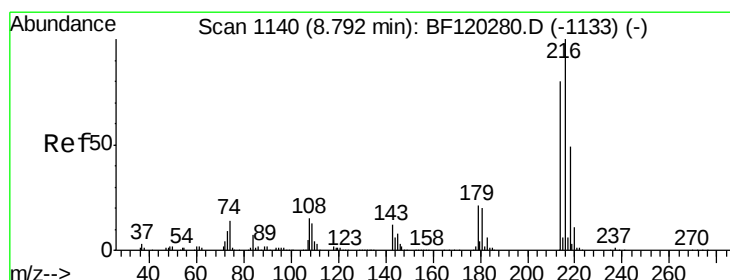
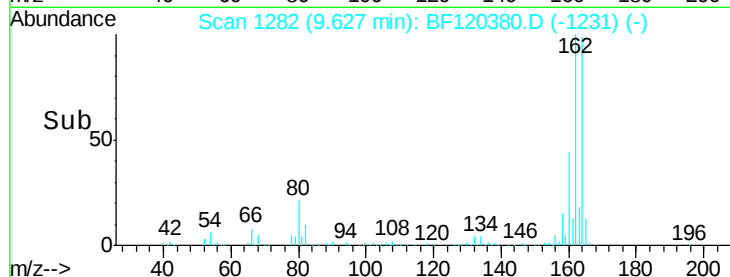
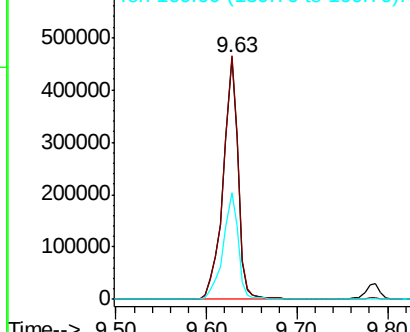


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.132 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	64.0	96.0	
179	20.7	16.9	25.3	
108	18.3	14.2	21.2	

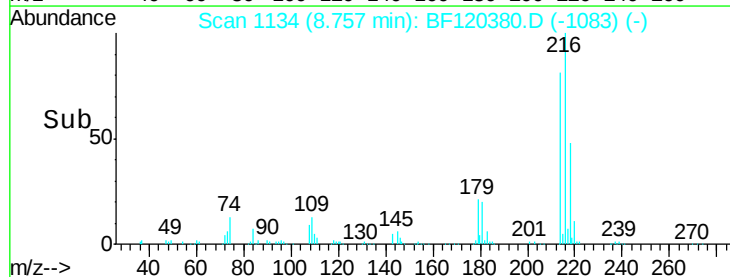
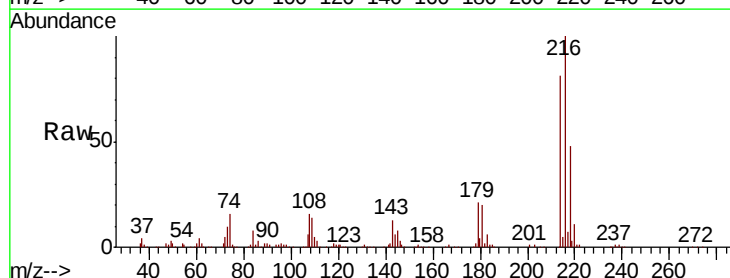
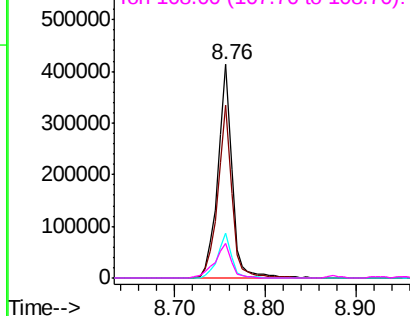
Abundance

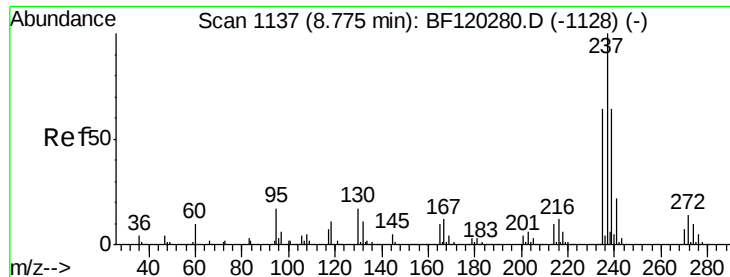
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.348 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

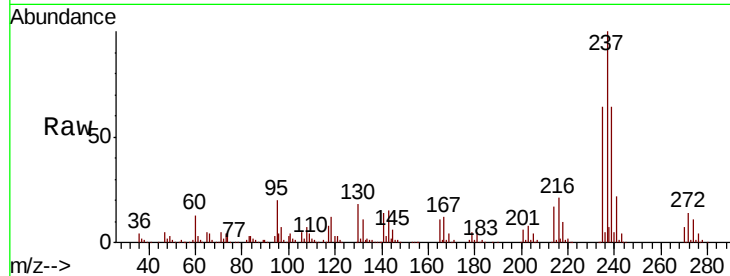
ClientSampleId :

PB129032BS

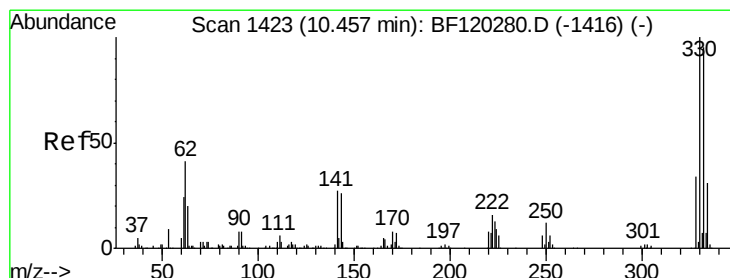
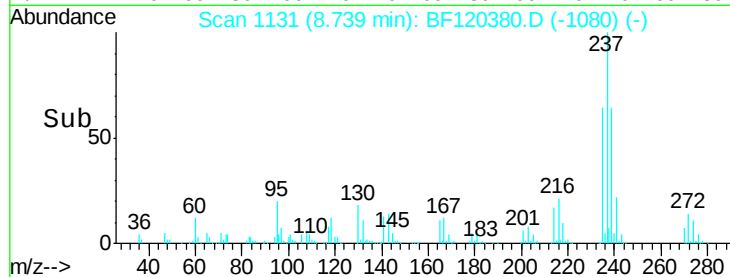
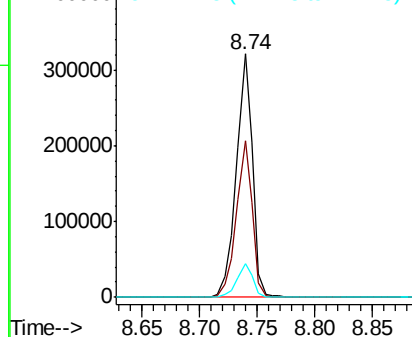
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.2		43.8	83.8	
272	13.6		0.0	33.9	

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



#42

2,4,6-Tribromophenol

Concen: 100.122 ng

RT: 10.42 min Scan# 1417

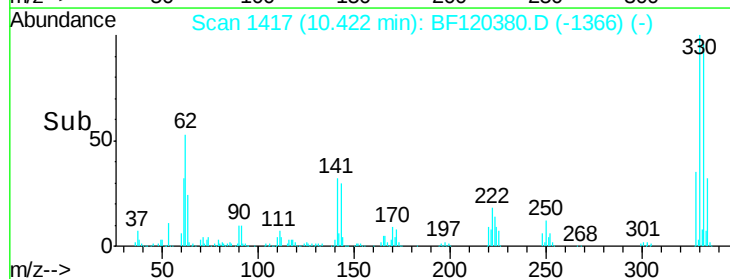
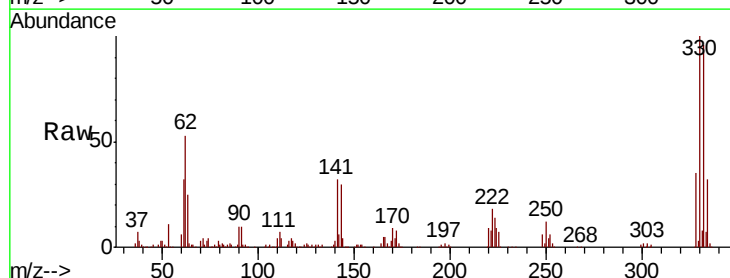
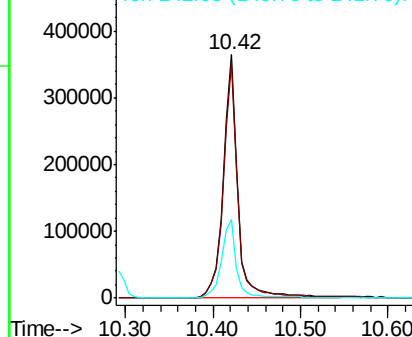
Delta R.T. 0.00 min

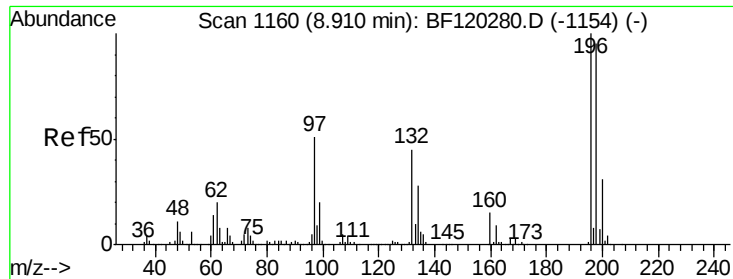
Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.9		76.5	114.7	
141	32.8		25.4	38.0	

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





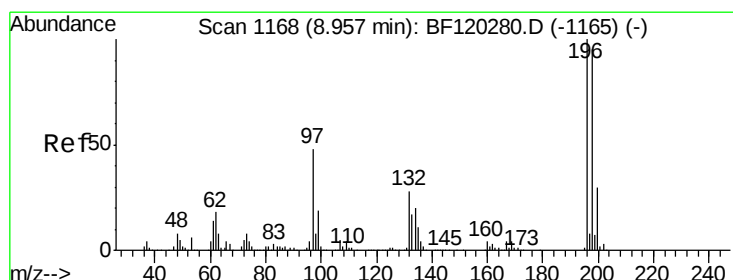
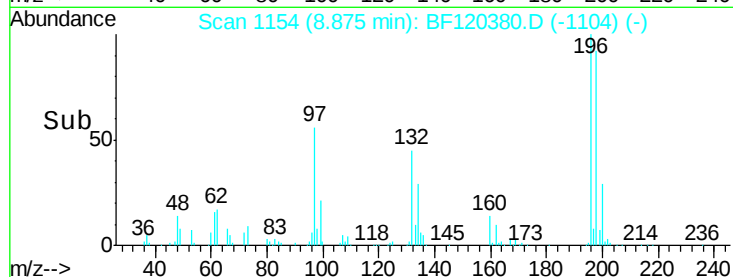
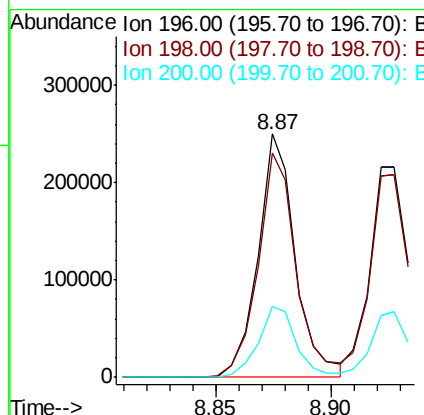
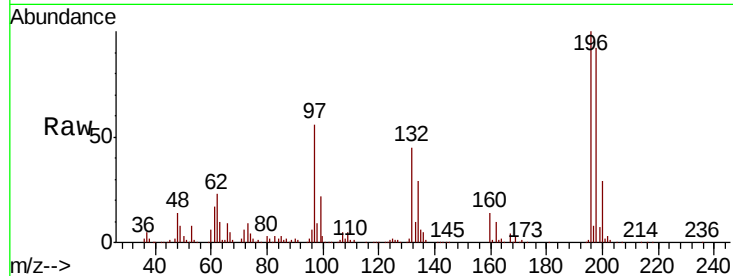
#43
 2,4,6-Trichlorophenol
 Concen: 31.831 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion:	196	Resp:	280178
Ion Ratio	Lower	Upper	
196	100		
198	92.1	76.2	114.4
200	29.1	24.9	37.3

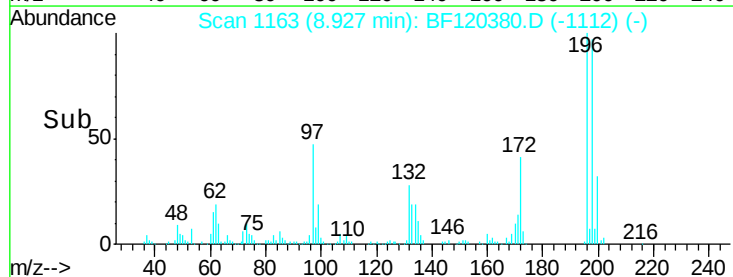
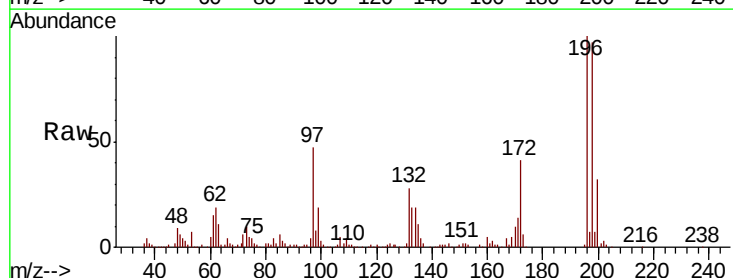
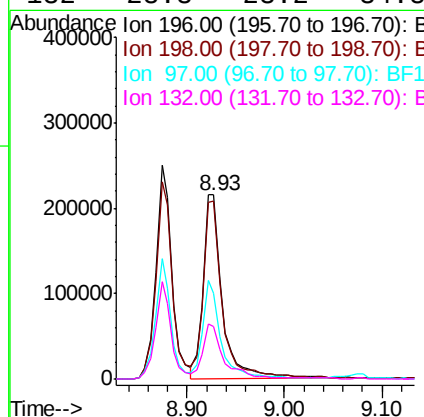
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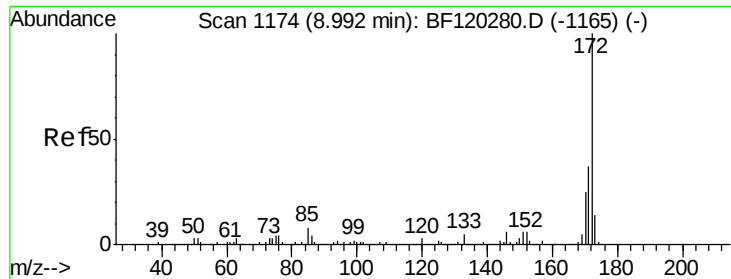
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#44
 2,4,5-Trichlorophenol
 Concen: 28.887 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion:	196	Resp:	292008
Ion Ratio	Lower	Upper	
196	100		
198	96.9	76.2	114.4
97	46.7	38.6	57.8
132	28.3	23.2	34.8





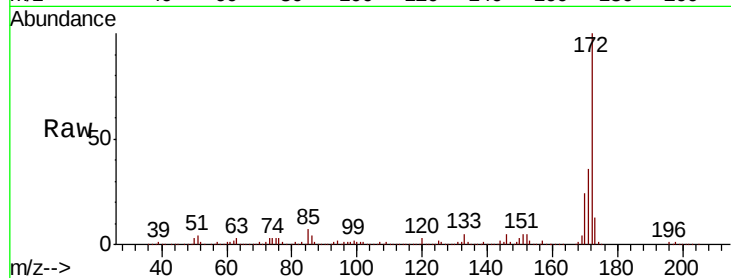
#45
2-Fluorobiphenyl
Concen: 78.183 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

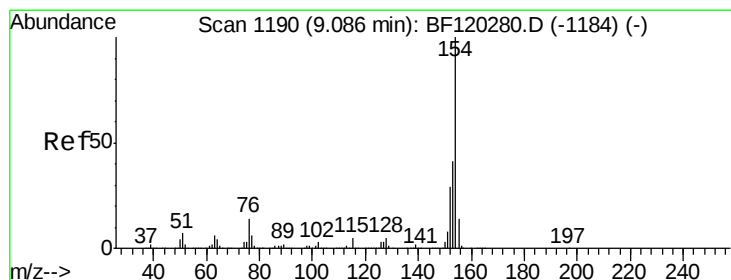
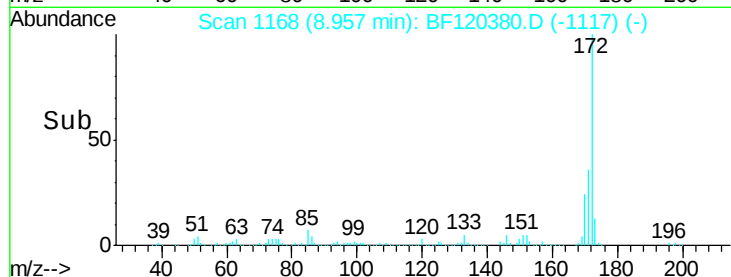
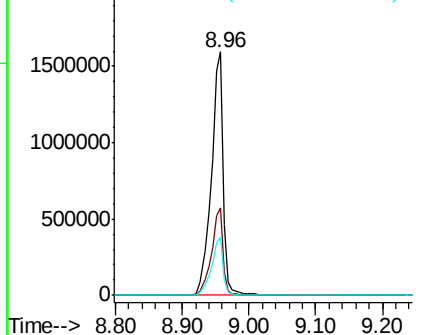
Tot Ion:172 Resp: 1979040
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.9 19.9 29.9

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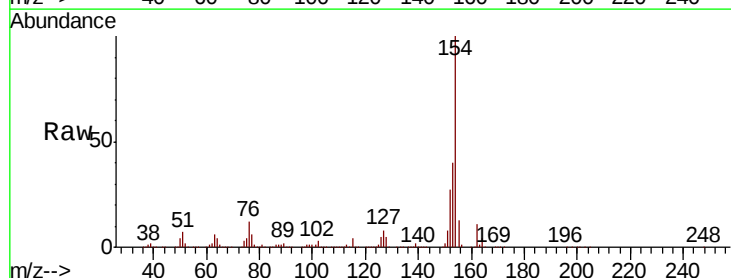


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

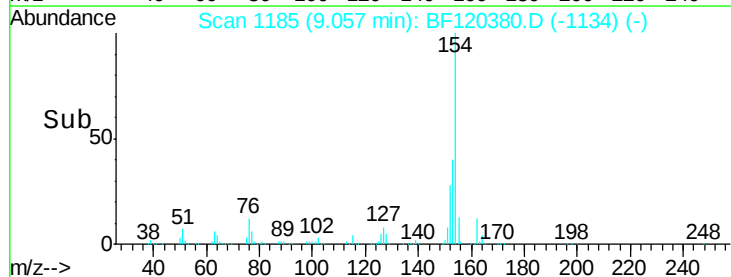
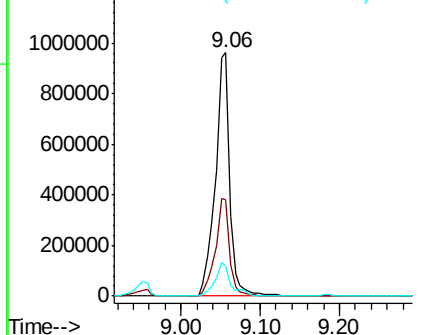


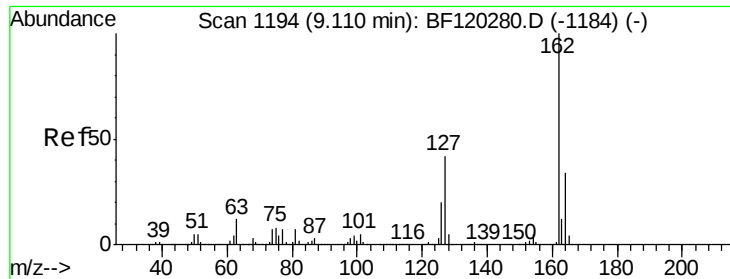
#46
1,1'-Biphenyl
Concen: 35.845 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion:154 Resp: 1221393
Ion Ratio Lower Upper
154 100
153 39.7 20.8 60.8
76 12.2 0.0 34.3



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





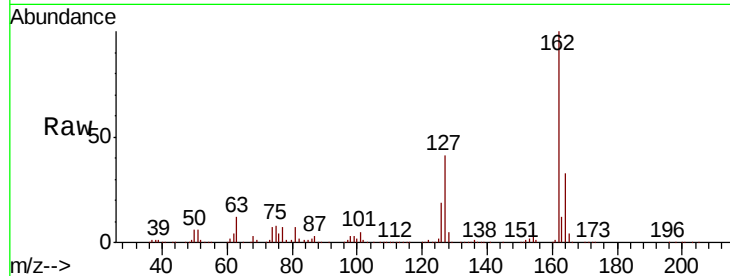
#47
 2-Chloronaphthalene
 Concen: 33.526 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

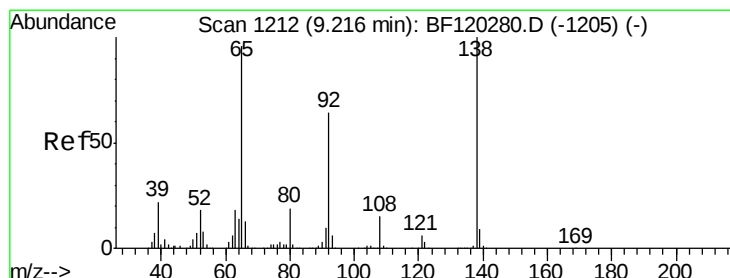
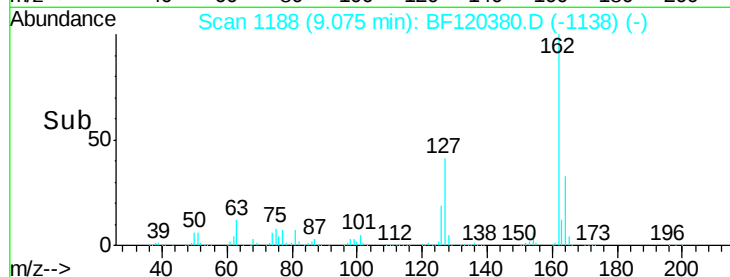
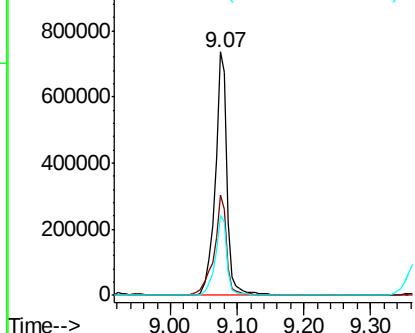
Tot Ion:	162	Resp:	916343
Ion Ratio	Lower	Upper	
162	100		
127	40.9	33.4	50.0
164	32.8	27.0	40.6

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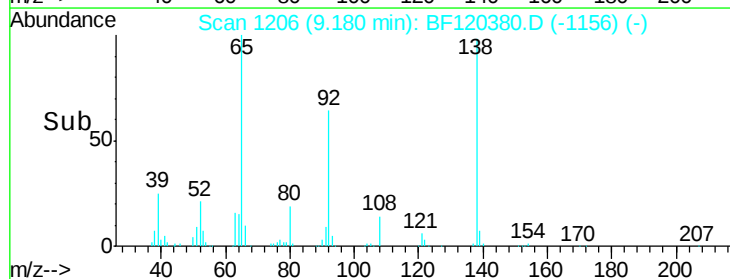
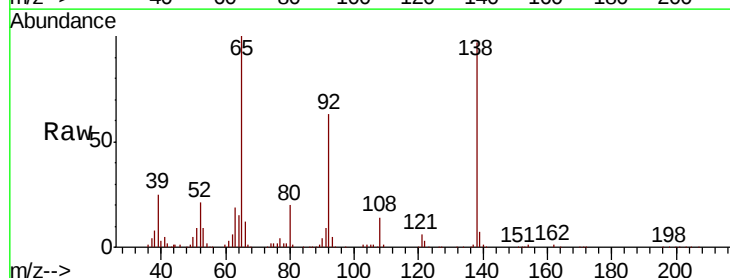
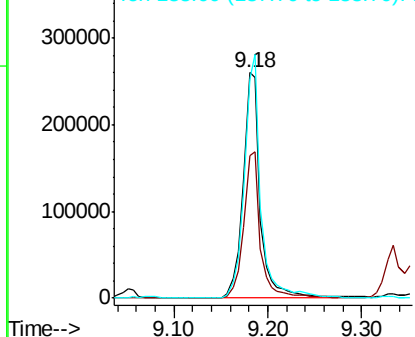
Abundance Ion 162.00 (161.70 to 162.70): E
 1000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

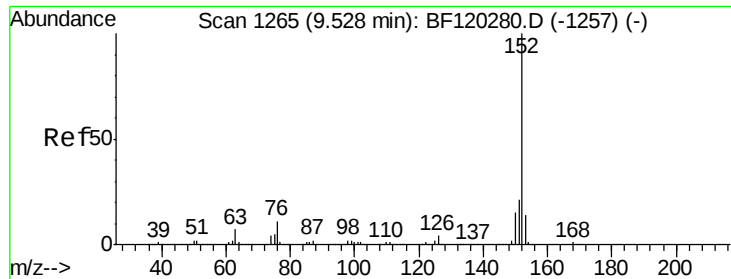


#48
 2-Nitroaniline
 Concen: 33.159 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion:	65	Resp:	330681
Ion Ratio	Lower	Upper	
65	100		
92	63.4	52.9	79.3
138	97.2	83.0	124.4

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





#49

Acenaphthylene

Concen: 35.863 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:152 Resp: 1497332

Ion Ratio Lower Upper

152 100

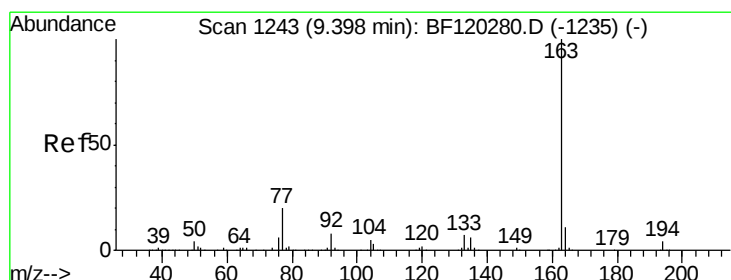
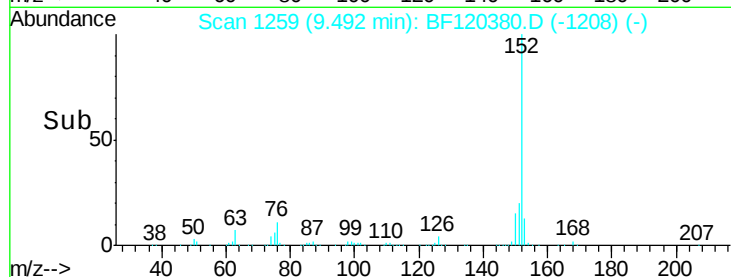
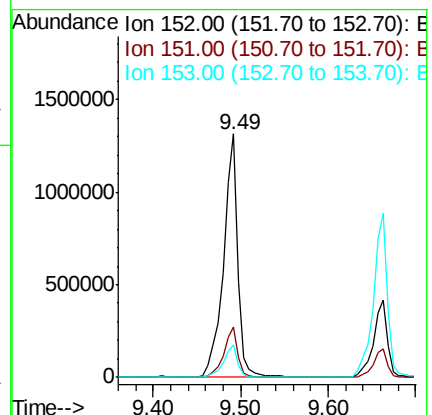
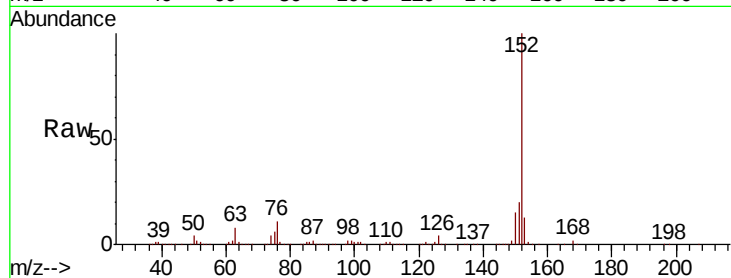
151 20.5 16.6 25.0

153 13.1 11.1 16.7

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#50

Dimethylphthalate

Concen: 32.794 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

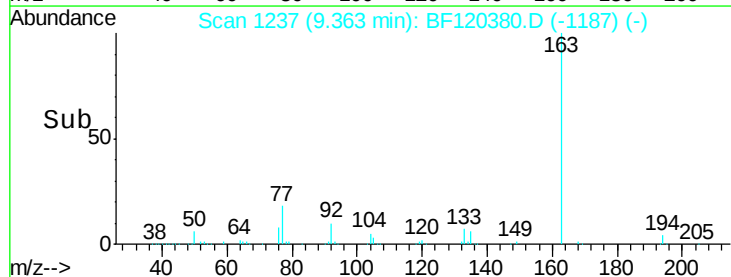
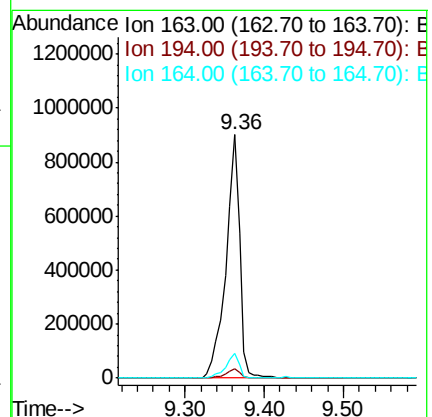
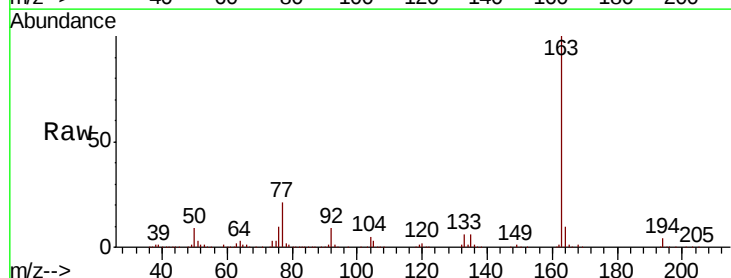
Tgt Ion:163 Resp: 1078100

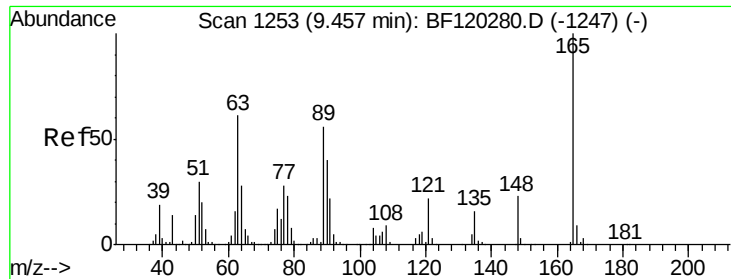
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.3 8.6 12.8





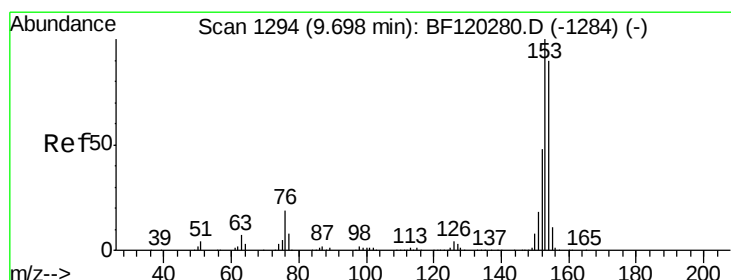
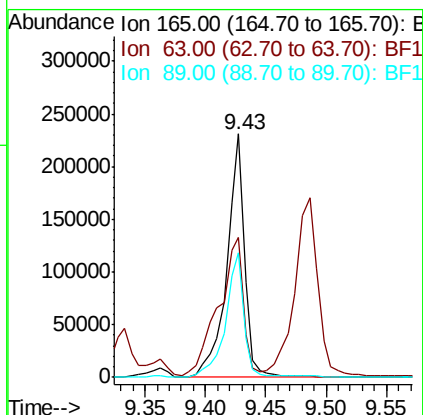
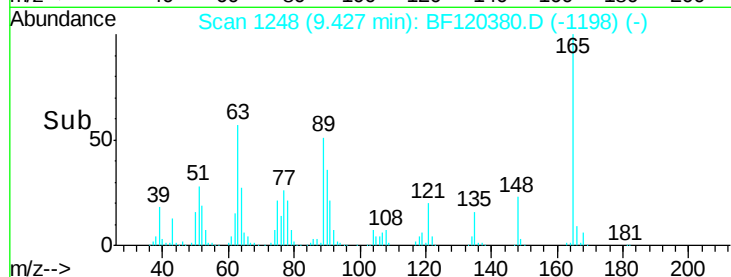
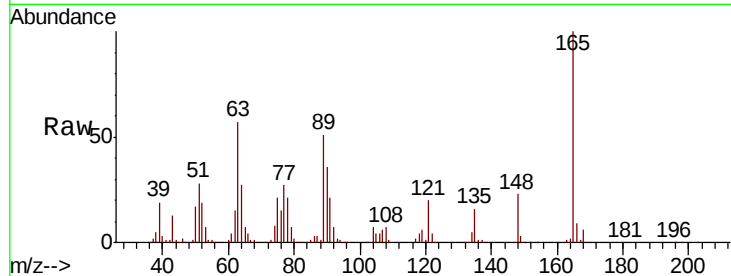
#51
2,6-Dinitrotoluene
Concen: 32.383 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237600		
63	57.5	50.2	75.2	
89	51.2	44.6	66.8	

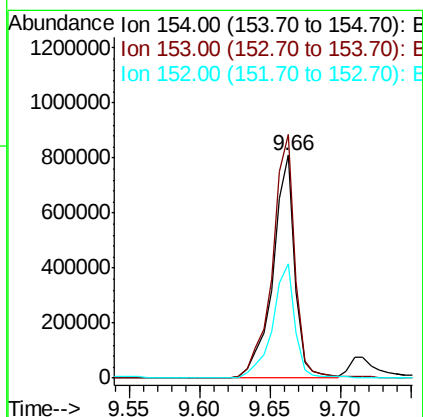
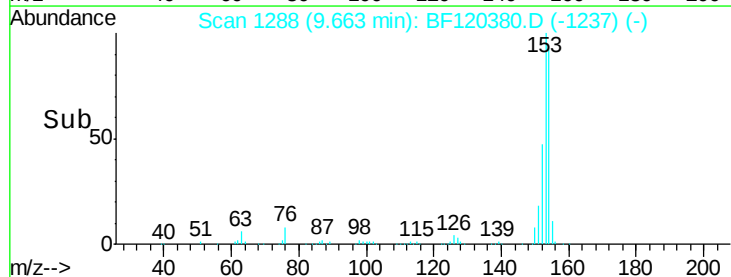
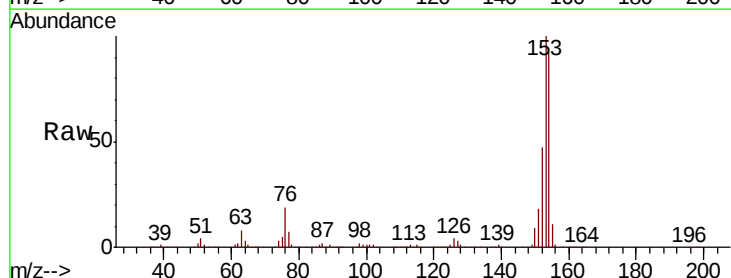
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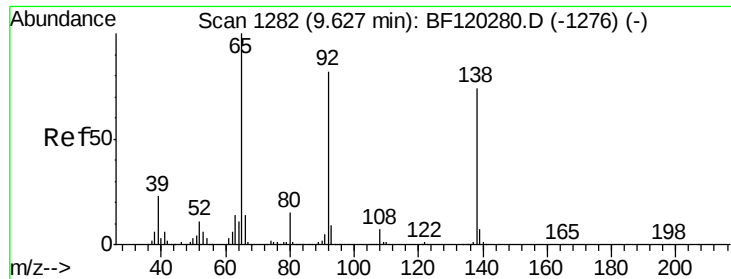
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#52
Acenaphthene
Concen: 35.345 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	884552		
153	109.2	89.0	133.4	
152	51.5	42.6	64.0	





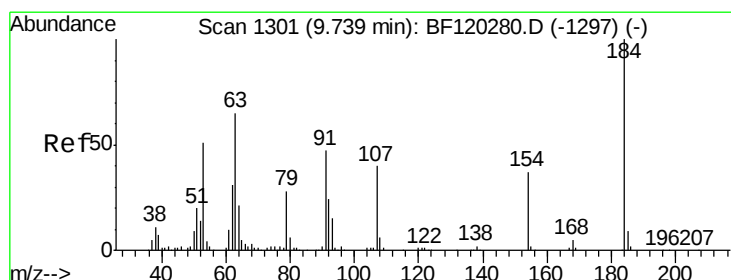
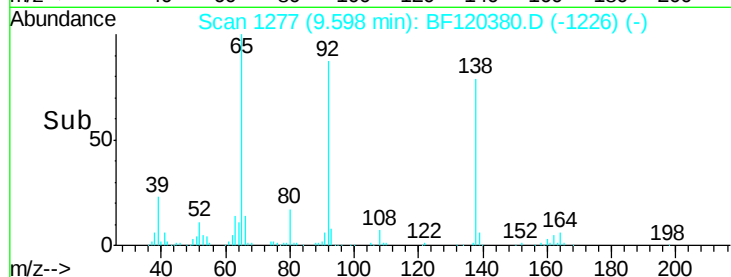
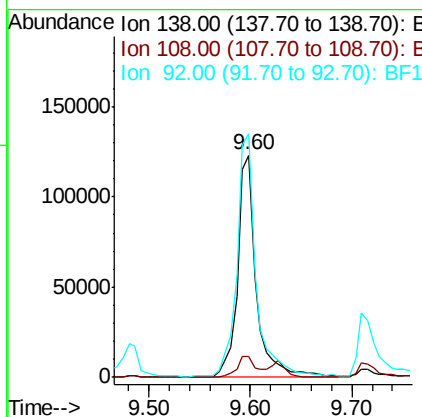
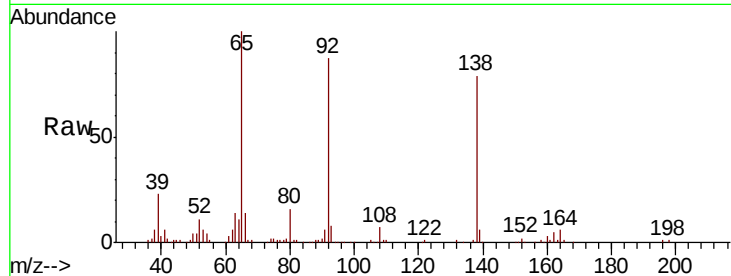
#53
3-Nitroaniline
Concen: 17.974 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.2	12.2
92	109.6	89.6	134.4

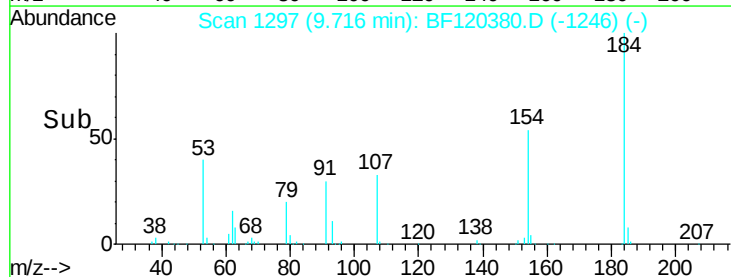
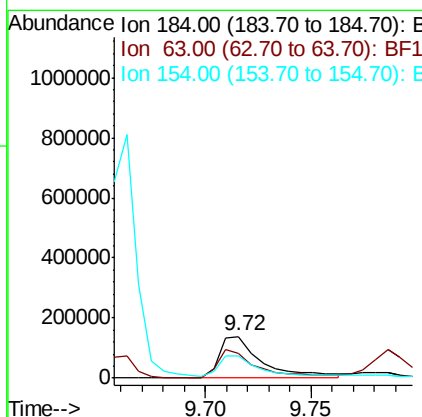
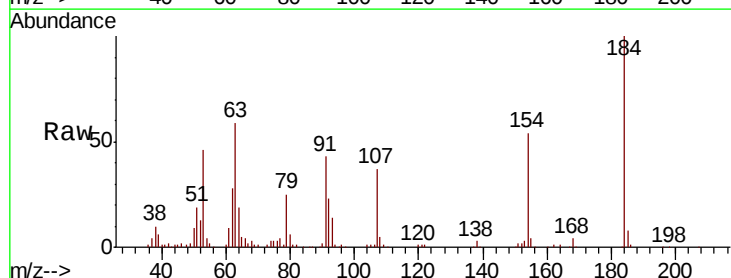
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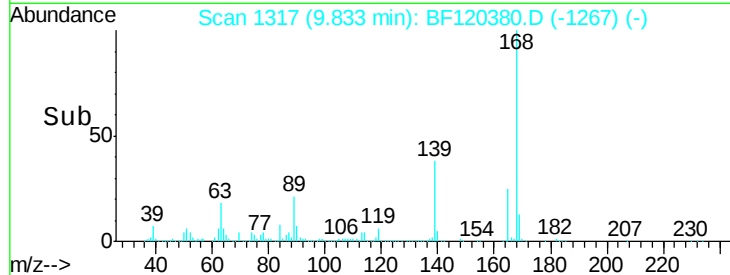
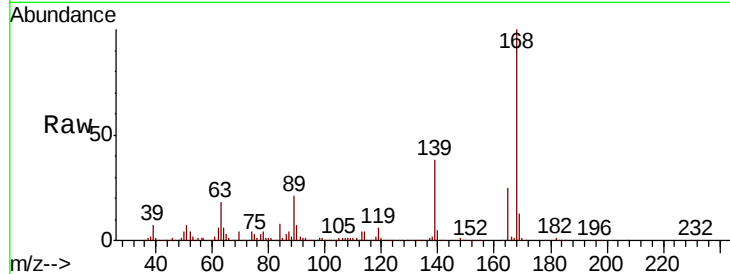
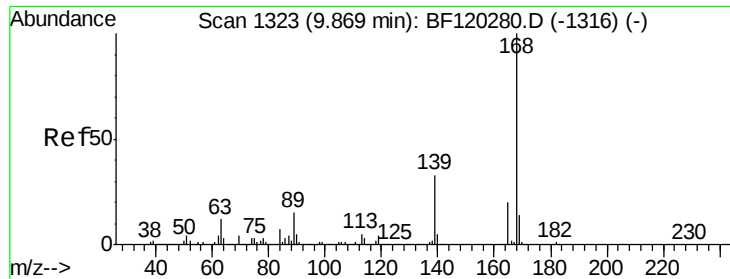
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#54
2,4-Dinitrophenol
Concen: 56.396 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	53.6	80.4
154	54.3	46.8	70.2





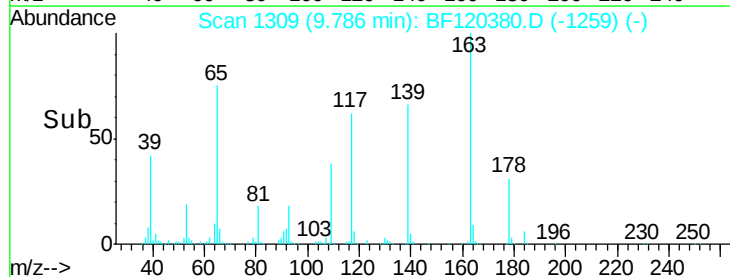
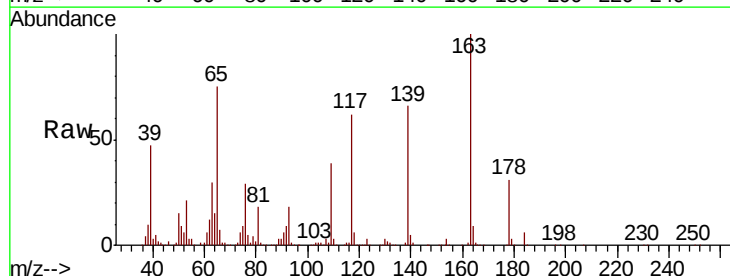
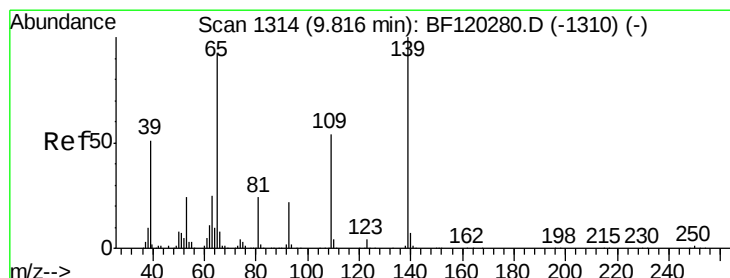
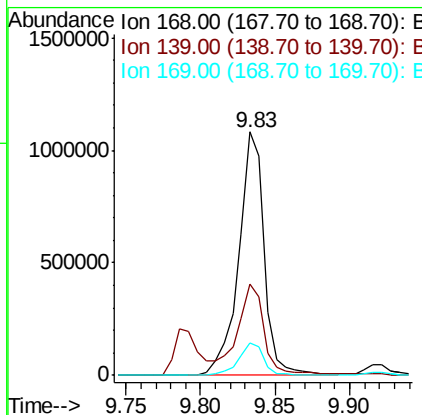
#55
Dibenzofuran
Concen: 35.583 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.2	11.0	16.6

Instrument :
BNA_F
ClientSampleId :
PB129032BS

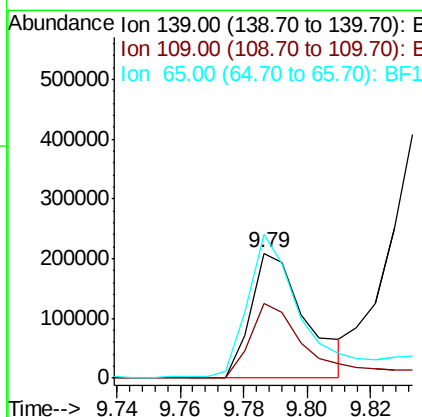
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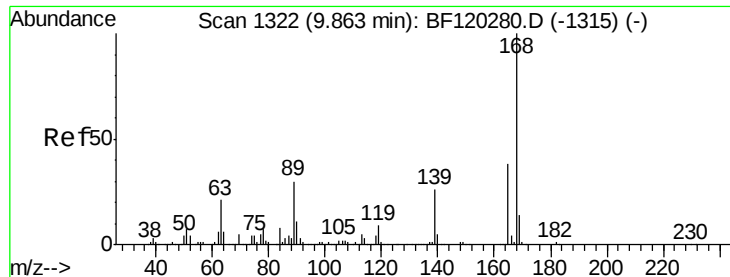
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#56
4-Nitrophenol
Concen: 53.562 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.7	34.6	74.6
65	114.9	73.3	113.3#





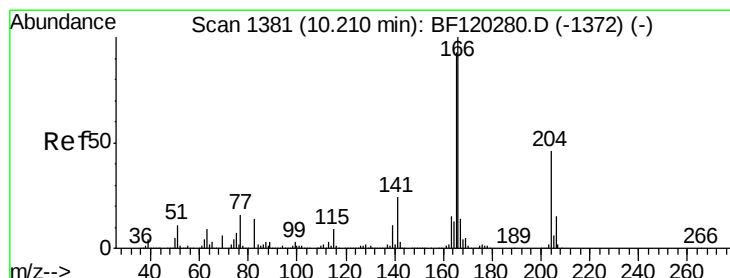
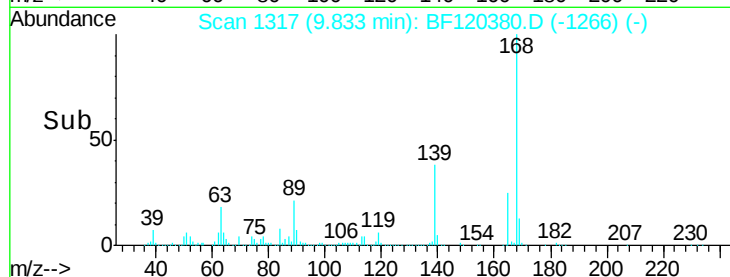
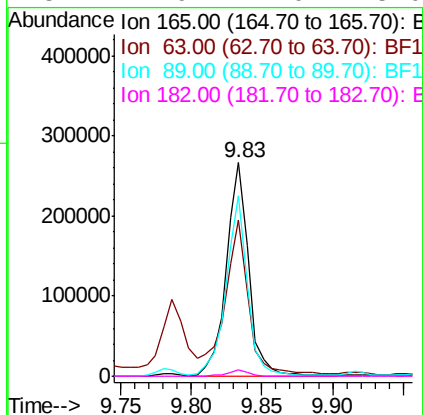
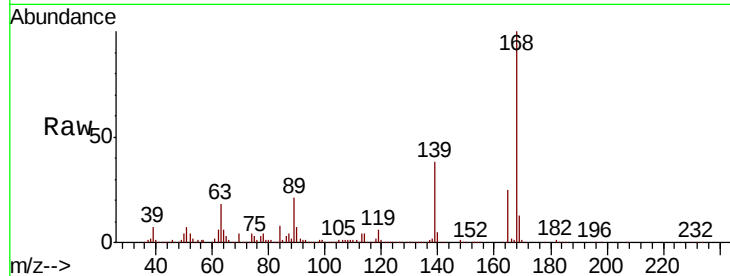
#57
 2,4-Dinitrotoluene
 Concen: 33.947 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	292181		
63	73.3	51.8	77.8	
89	84.4	64.2	96.4	
182	2.9	2.0	3.0	

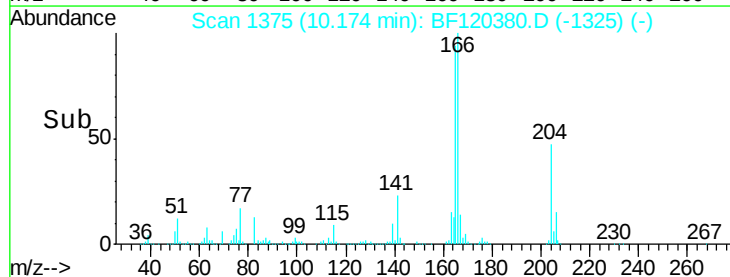
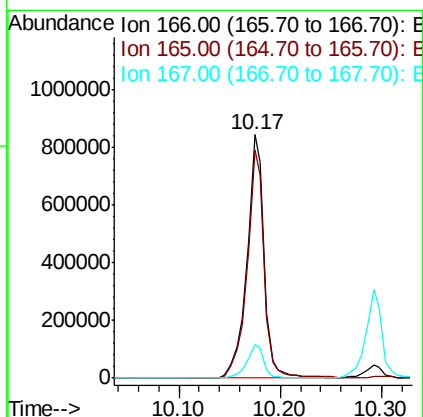
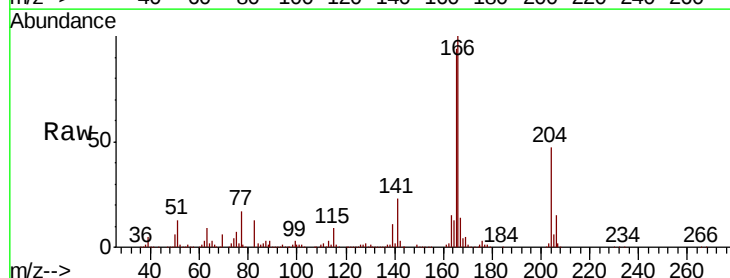
Manual Integrations
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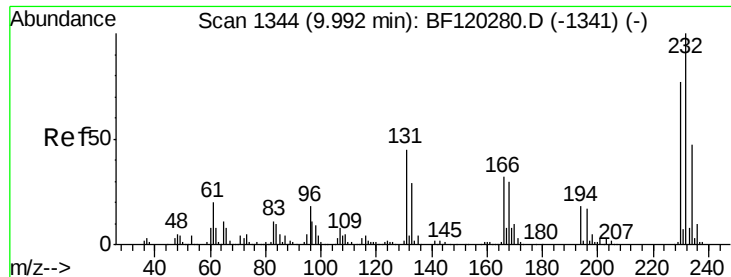
mohammad
 5/22/2020 2:55:48 PM



#58
 Fluorene
 Concen: 36.054 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	989553		
165	93.8	74.7	112.1	
167	14.0	11.4	17.0	





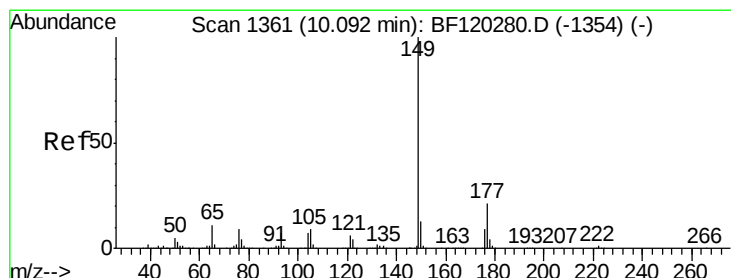
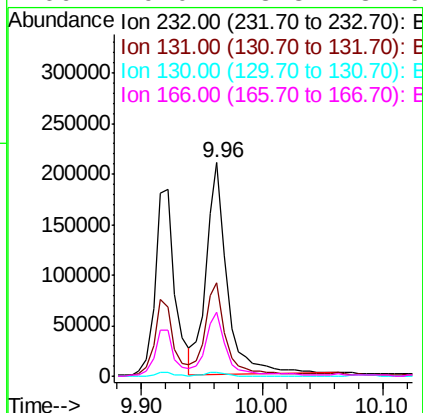
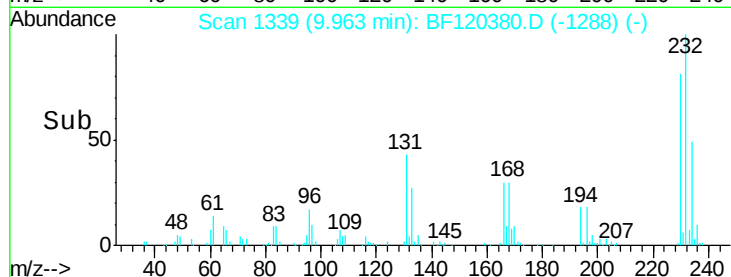
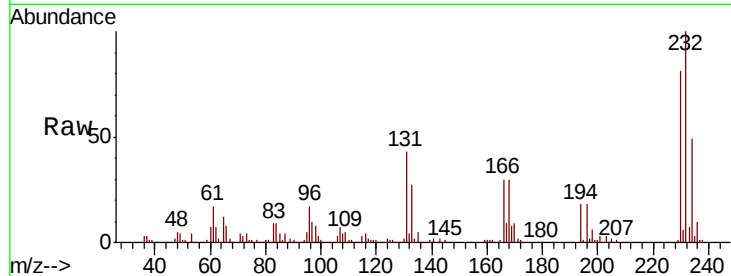
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.643 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248327		
131	44.6		34.1	51.1
130	2.1		1.7	2.5
166	29.0		23.3	34.9

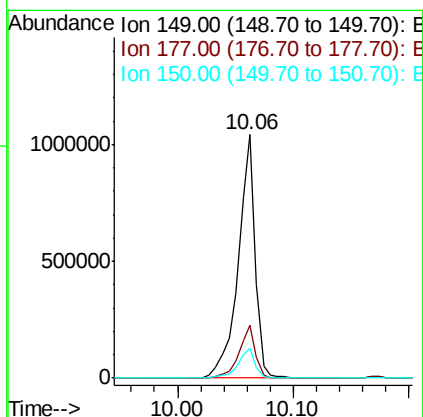
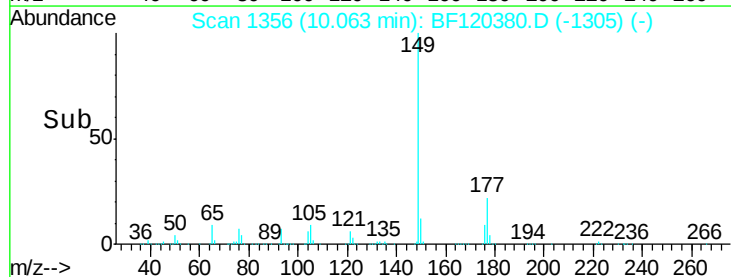
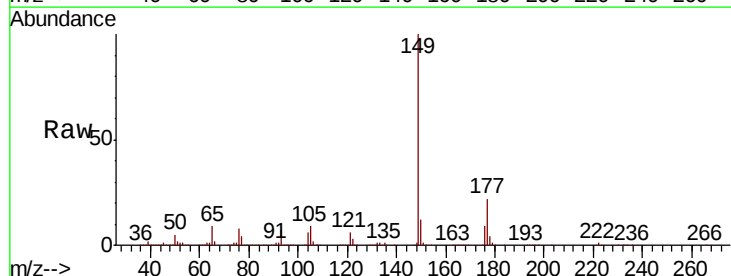
Manual Integrations
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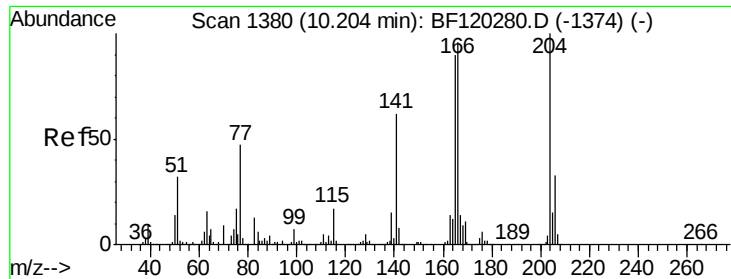
mohammad
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#60
 Diethylphthalate
 Concen: 33.532 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1064241		
177	21.7		17.1	25.7
150	12.3		10.3	15.5





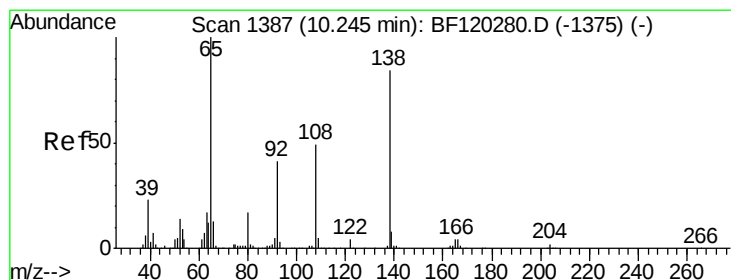
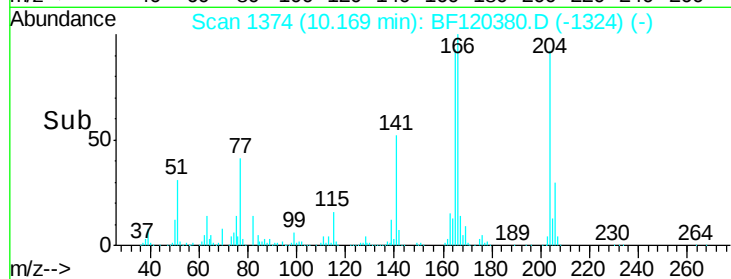
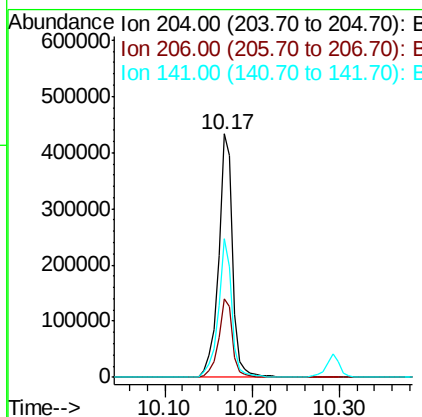
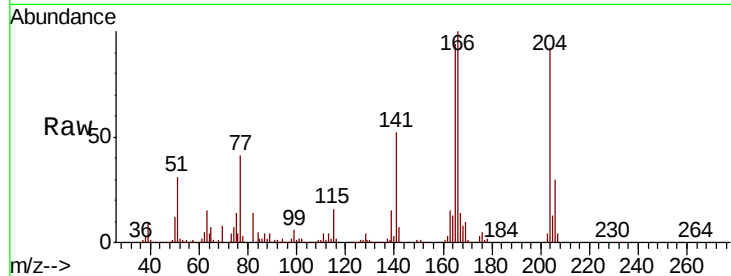
#61
4-Chlorophenyl-phenylether
Concen: 33.922 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion:	204	Resp:	484064
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.8	40.2
141	57.2	49.5	74.3

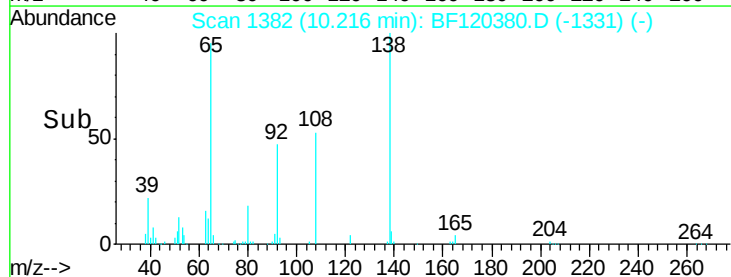
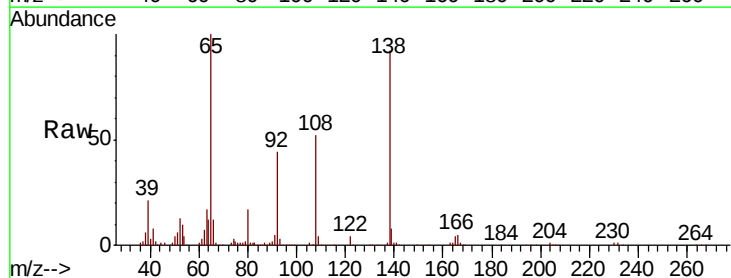
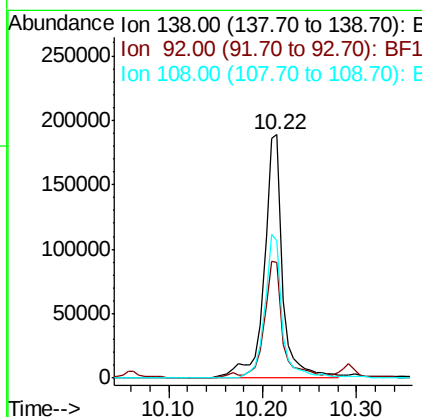
Manual Integrations
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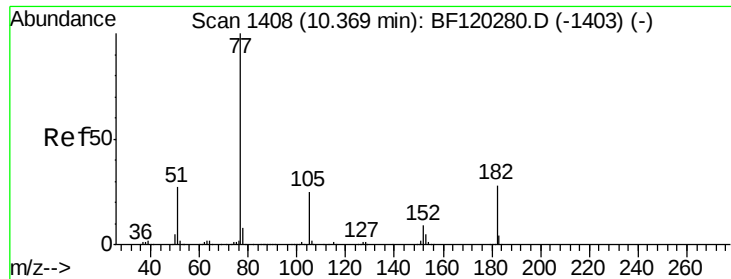
mohammad
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#62
4-Nitroaniline
Concen: 31.557 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion:	138	Resp:	257119
Ion Ratio	Lower	Upper	
138	100		
92	47.6	28.9	68.9
108	56.4	38.4	78.4





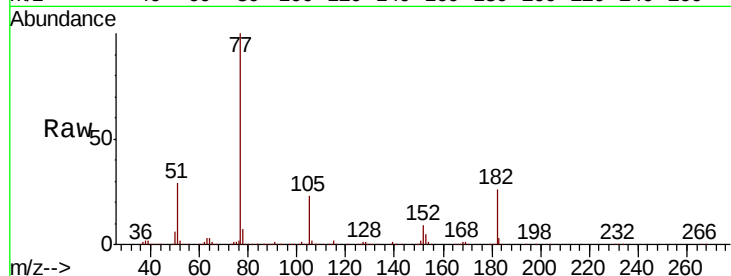
#63
Azobenzene
Concen: 34.974 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.4	47.4
105	23.3	4.4	44.4
51	29.5	8.3	48.3

Manual Integrations
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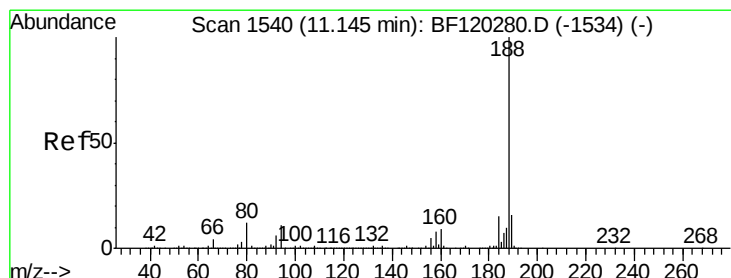
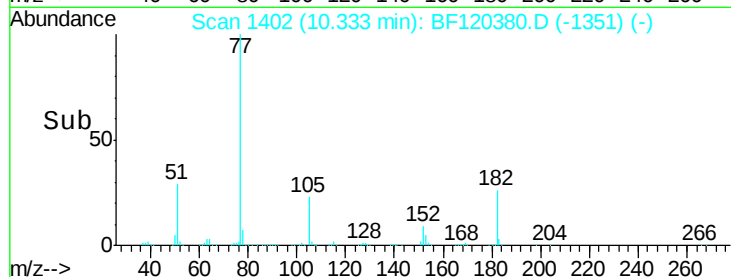
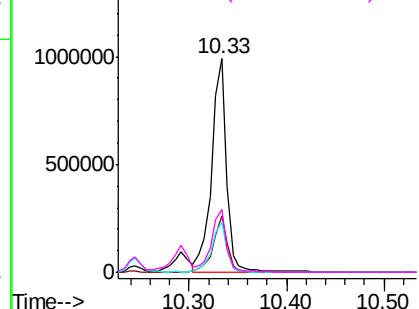


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



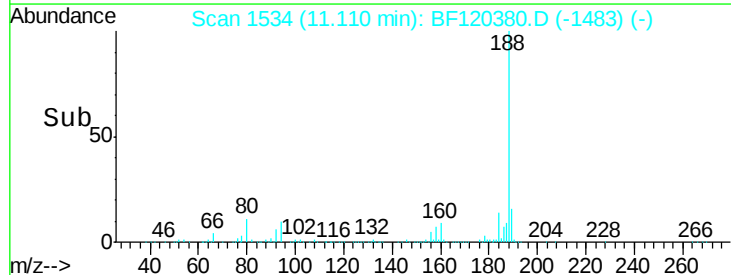
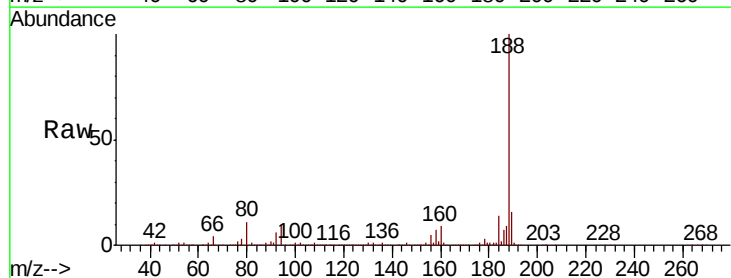
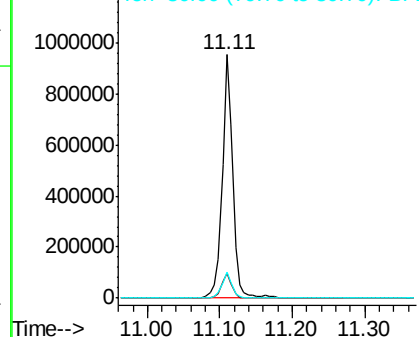
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

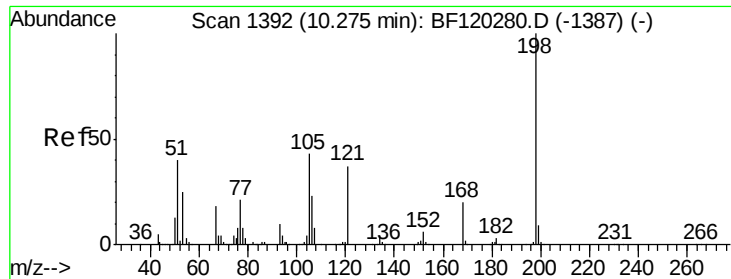
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	10.9	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





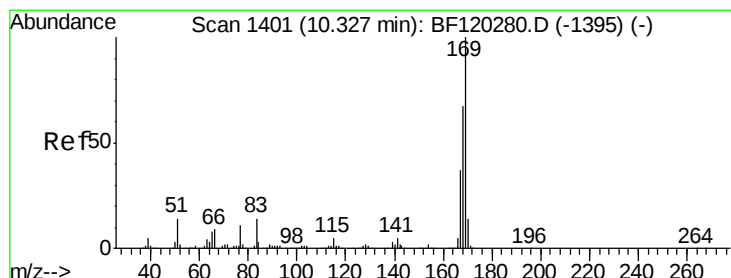
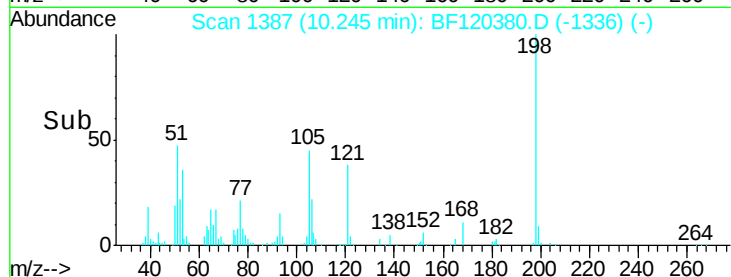
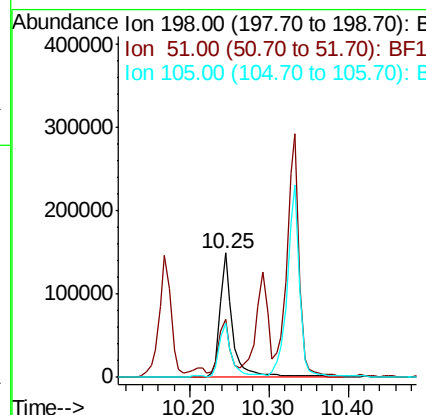
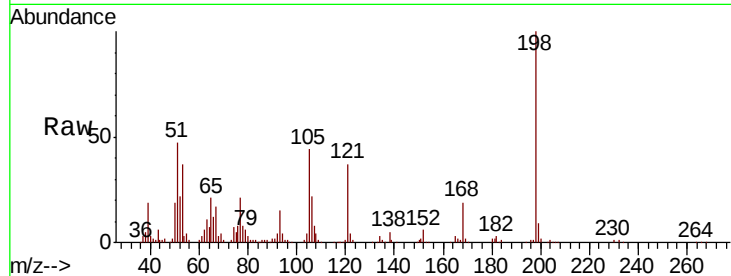
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.121 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	167282		
51	46.8	27.1	67.1	
105	44.0	24.3	64.3	

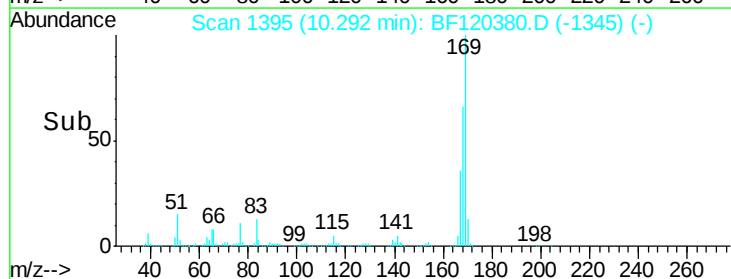
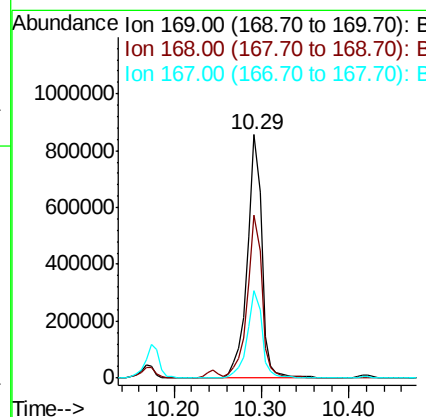
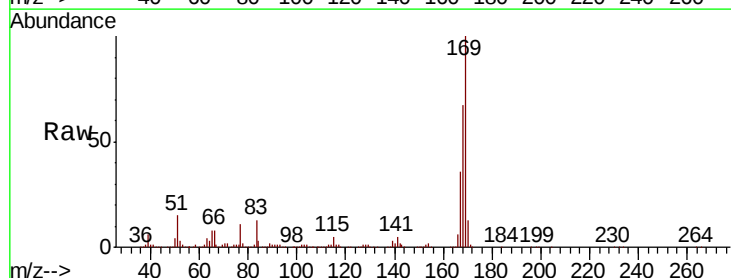
Manual Integrations
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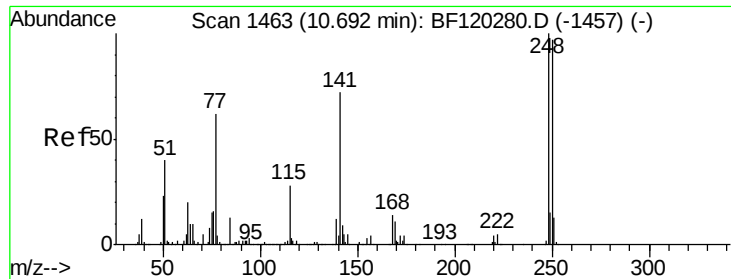
mohammad
 5/22/2020 2:55:48 PM



#66
 n-Nitrosodiphenylamine
 Concen: 35.064 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	940415		
168	66.8	53.7	80.5	
167	36.0	29.8	44.6	





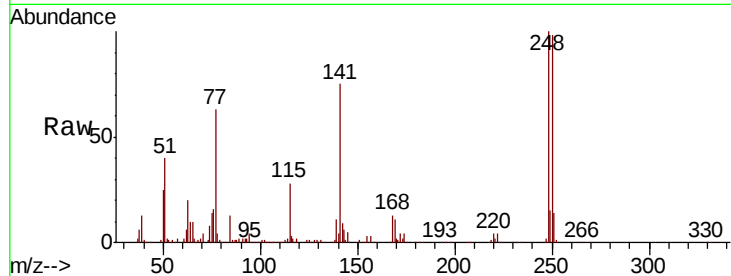
#67
 4-Bromophenyl-phenylether
 Concen: 31.470 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

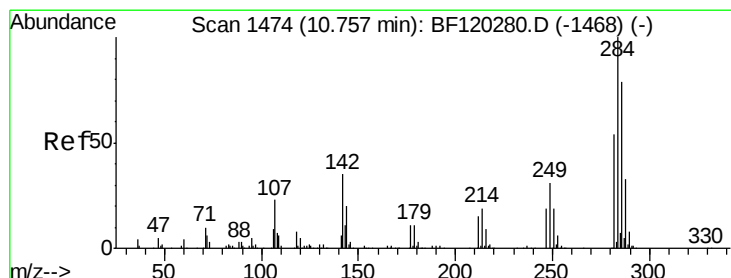
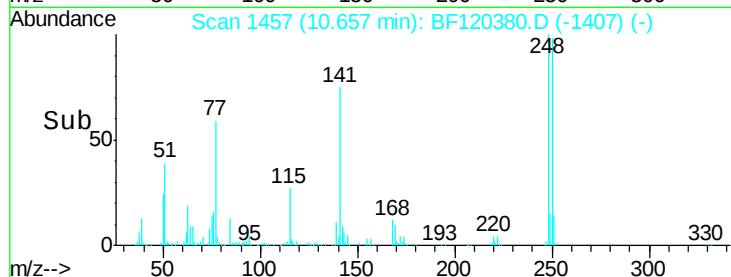
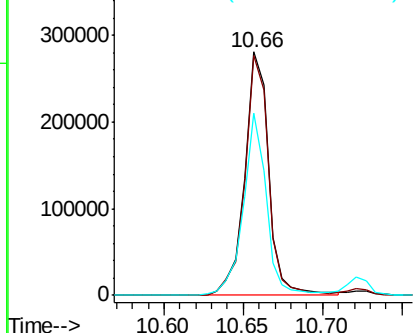
Tot Ion:	248	Resp:	296037
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.8	116.6
141	75.0	57.7	86.5

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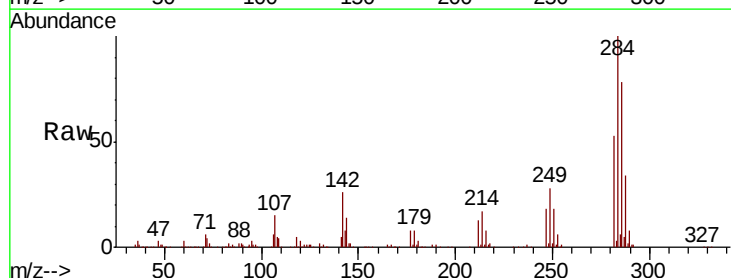


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

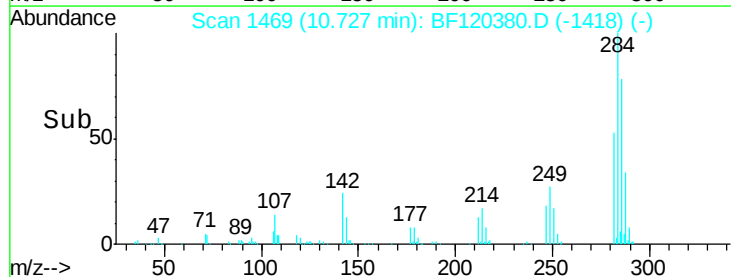
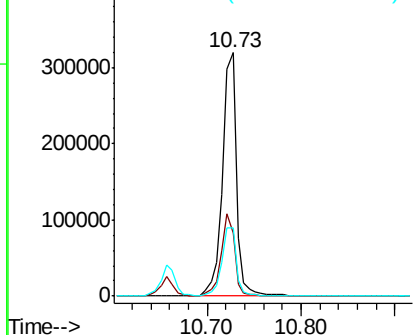


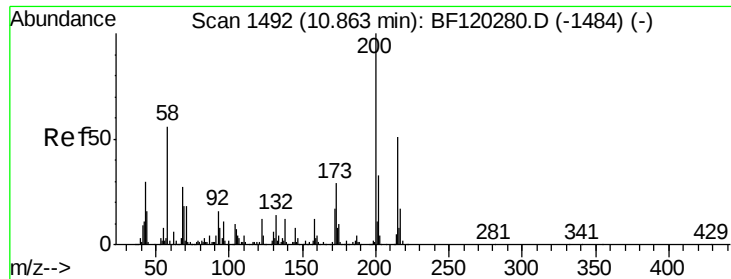
#68
 Hexachlorobenzene
 Concen: 34.126 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion:	284	Resp:	335847
Ion Ratio	Lower	Upper	
284	100		
142	26.0	28.5	42.7#
249	28.1	24.8	37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





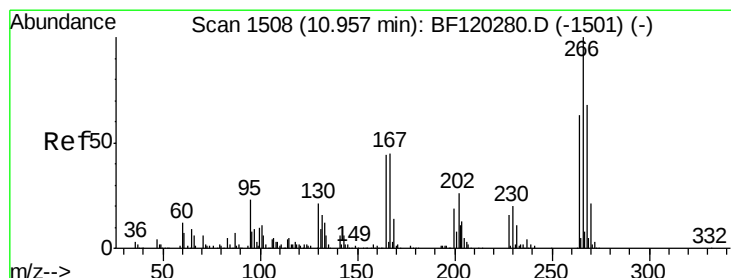
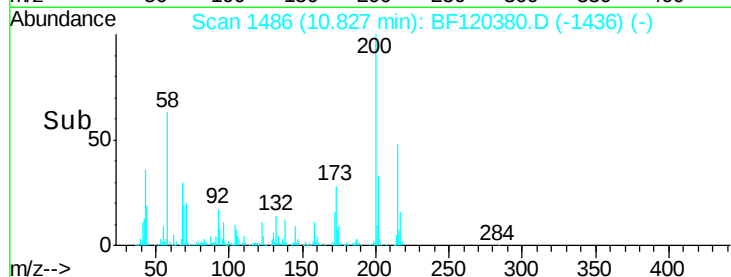
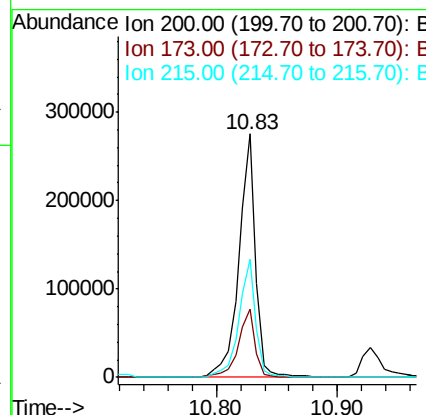
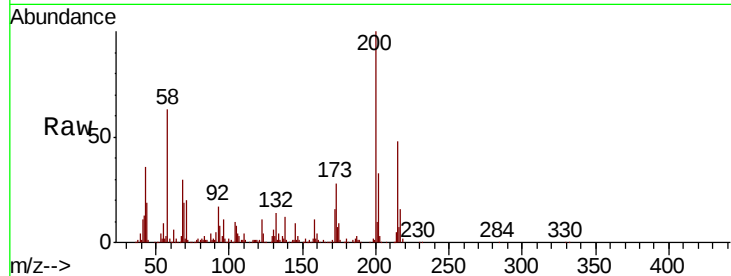
#69
Atrazine
Concen: 33.158 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	8.7	48.7
215	48.5	30.6	70.6

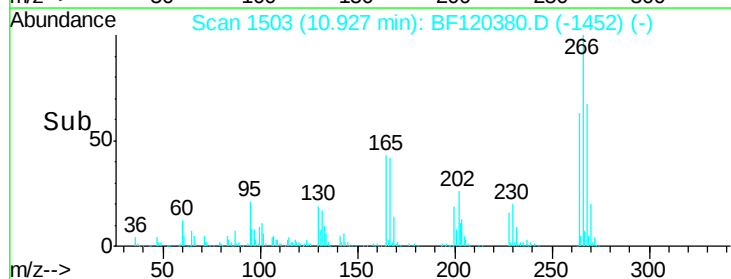
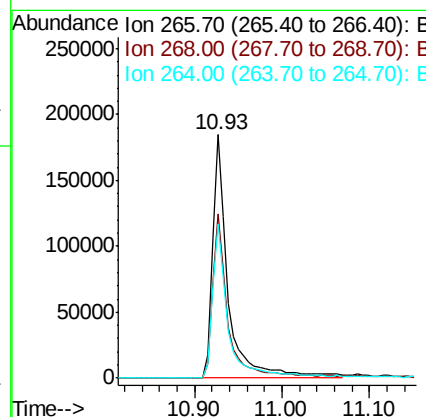
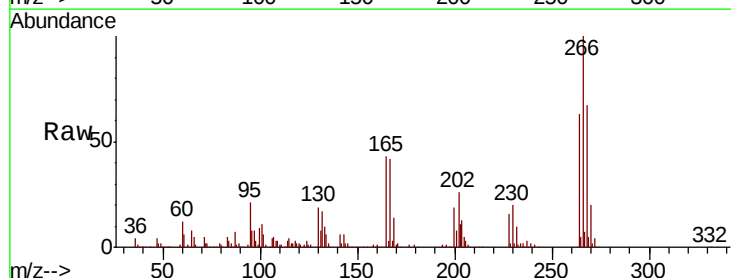
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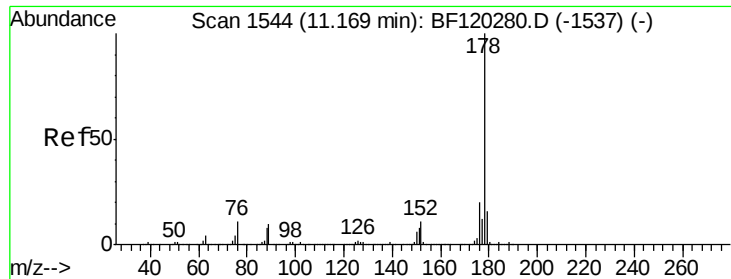
mohammad
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#70
Pentachlorophenol
Concen: 55.268 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	54.2	81.4
264	63.4	50.2	75.4





#71

Phenanthrene

Concen: 35.570 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:178 Resp: 1448955

Ion Ratio Lower Upper

178 100

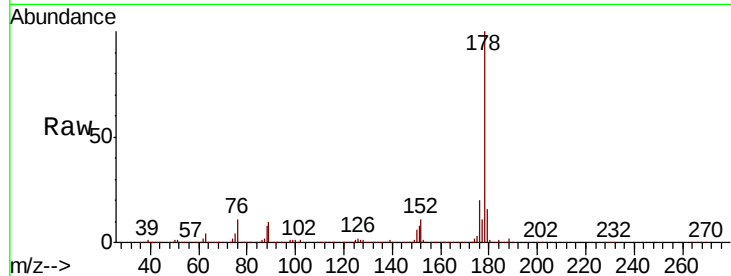
176 19.6 15.8 23.8

179 15.9 12.8 19.2

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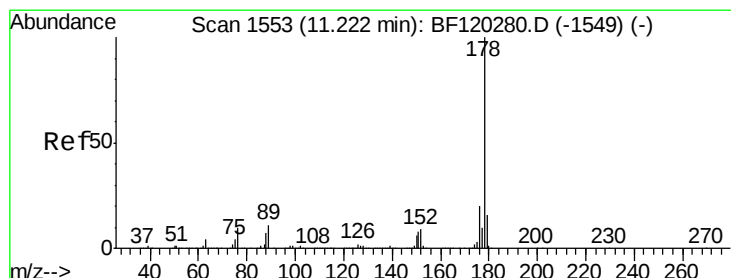
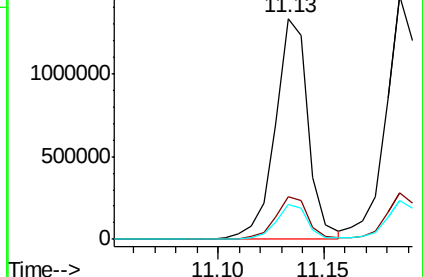
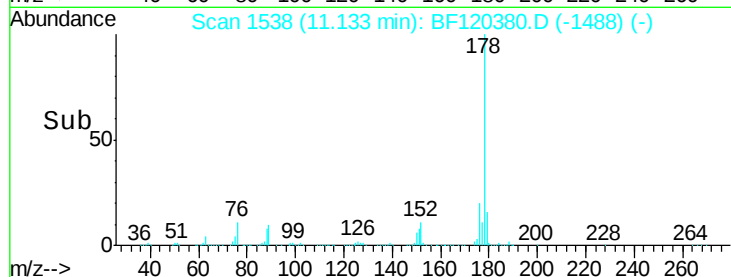
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.927 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

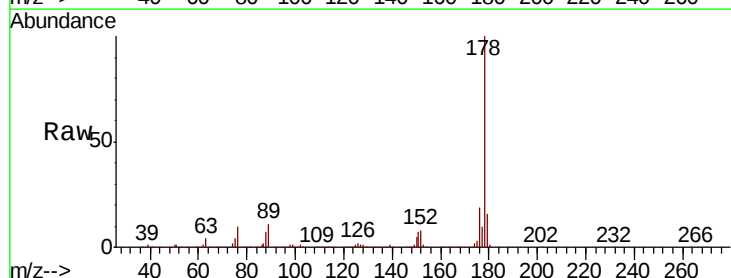
Tgt Ion:178 Resp: 1653931

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

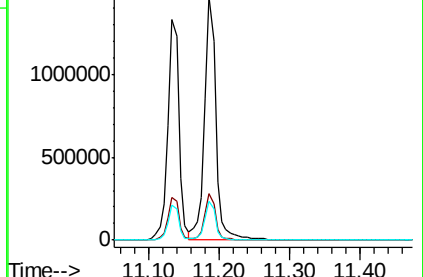
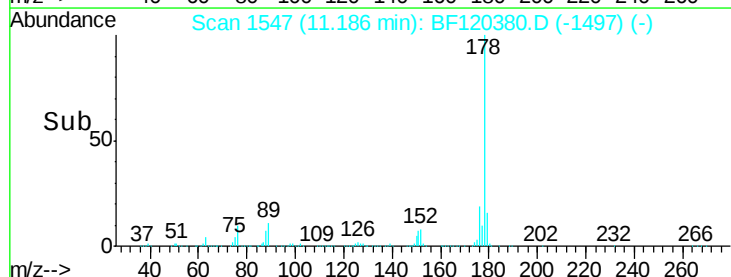
179 15.8 13.0 19.6

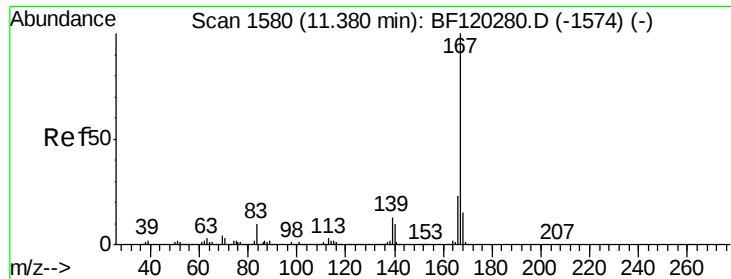


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





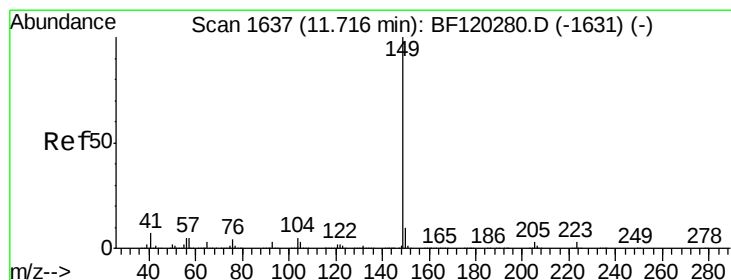
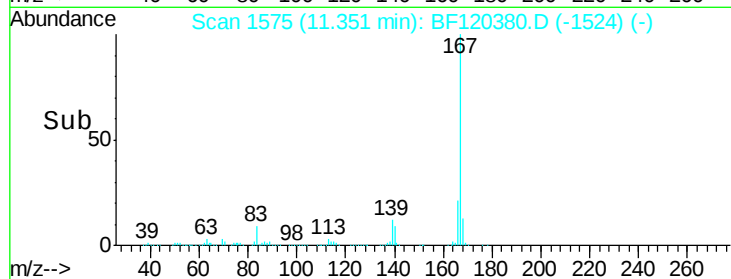
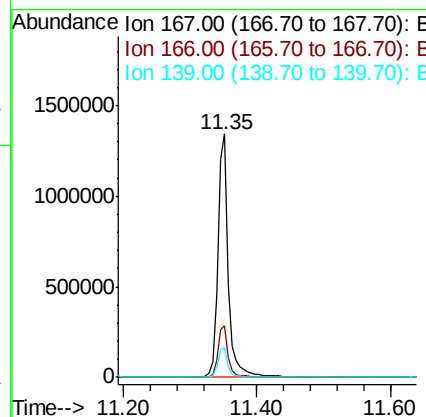
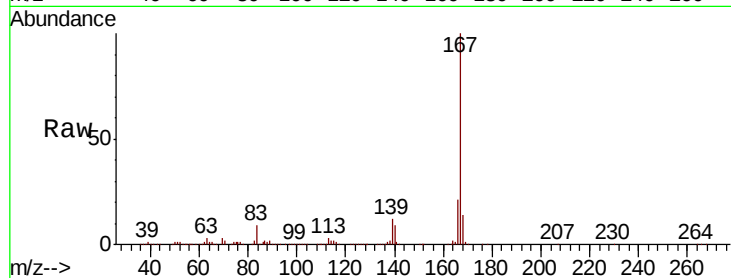
#73
 Carbazole
 Concen: 35.904 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.1	10.6	15.8

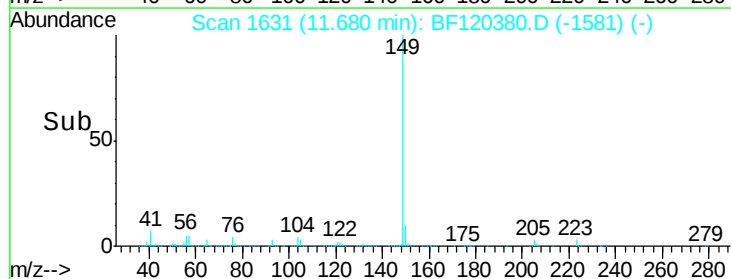
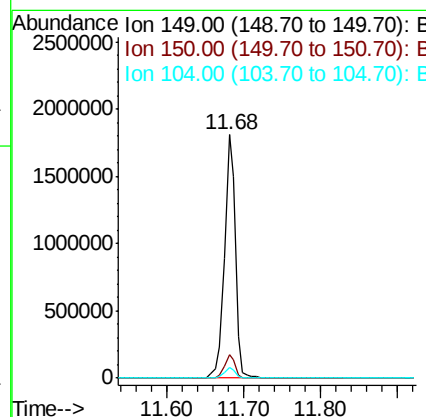
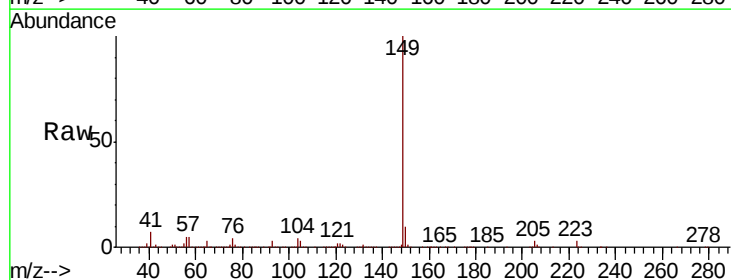
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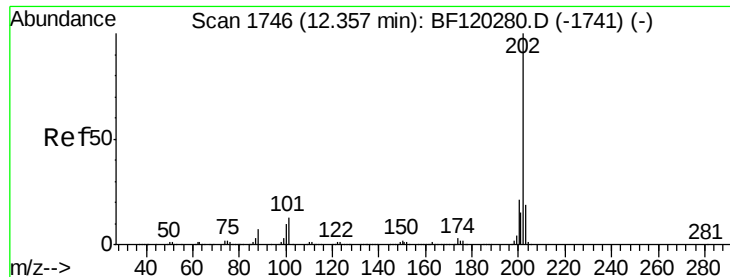
mohammad
 5/22/2020 2:55:48 PM



#74
 Di-n-butylphthalate
 Concen: 35.522 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.4
104	4.3	3.8	5.8





#75

Fluoranthene

Concen: 38.267 ng

RT: 12.32 min Scan# 1740

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:202 Resp: 1670758

Ion Ratio Lower Upper

202 100

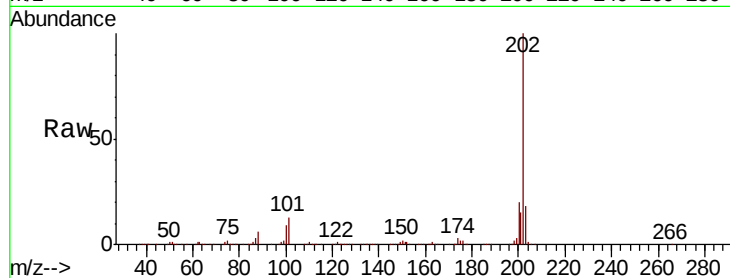
101 12.6 0.0 33.2

203 18.1 0.0 39.1

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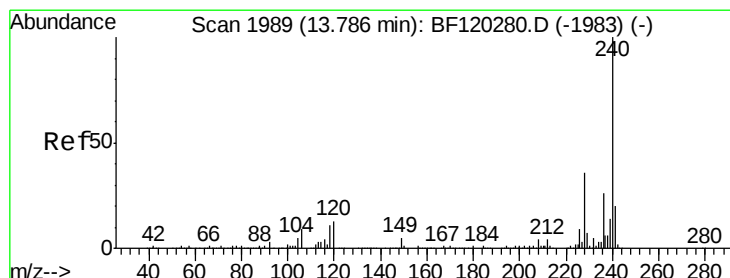
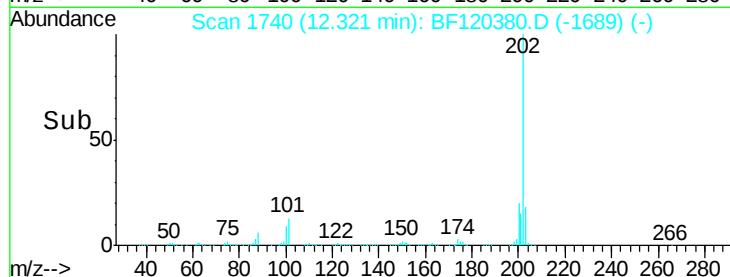
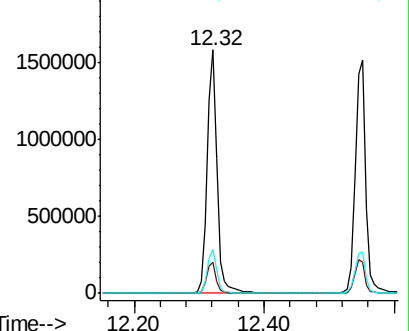
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:240 Resp: 617363

Ion Ratio Lower Upper

240 100

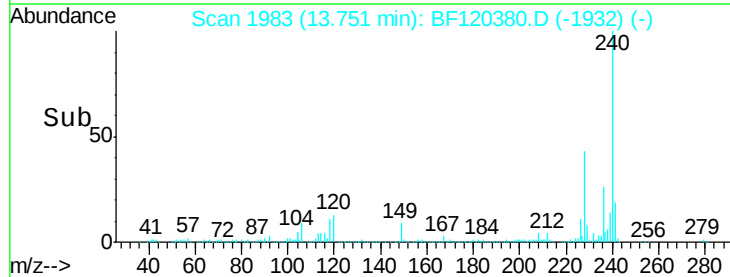
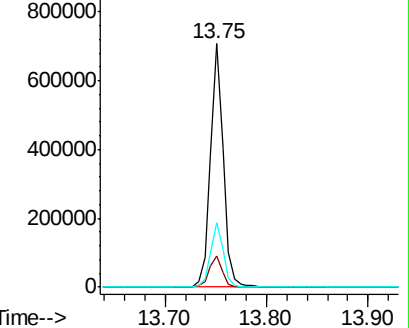
120 12.6 10.4 15.6

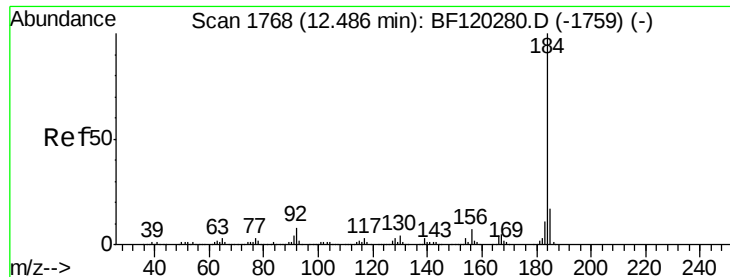
236 26.2 21.0 31.6

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.159 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

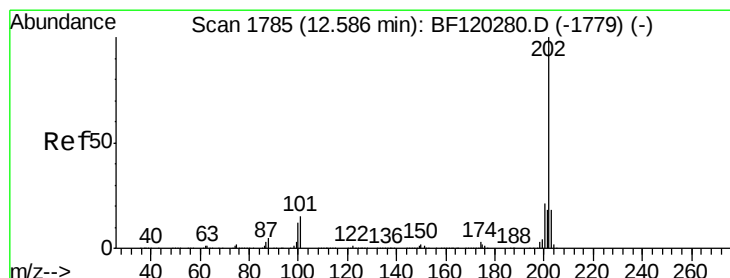
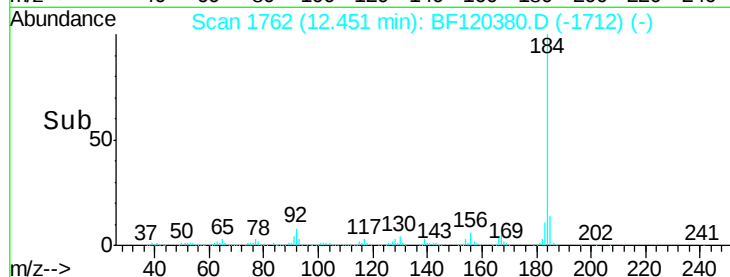
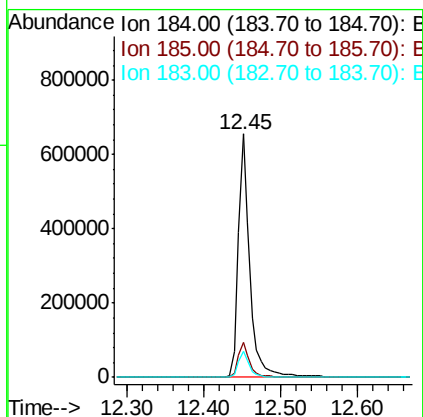
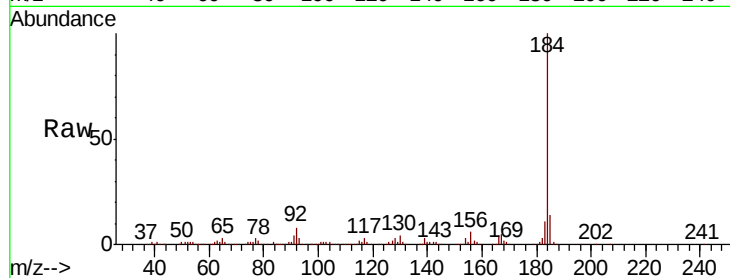
ClientSampleId :

PB129032BS

Tot Ion:	184	Resp:	687926
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.7	20.5
183	10.5	8.7	13.1

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#78

Pyrene

Concen: 38.057 ng

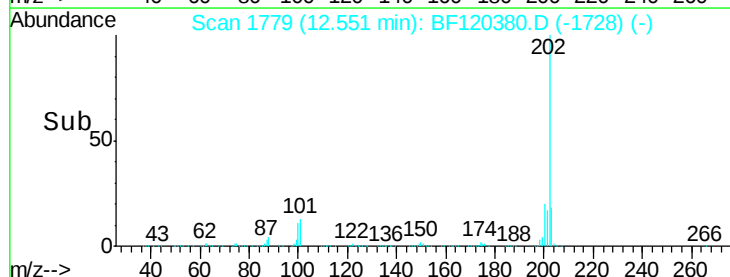
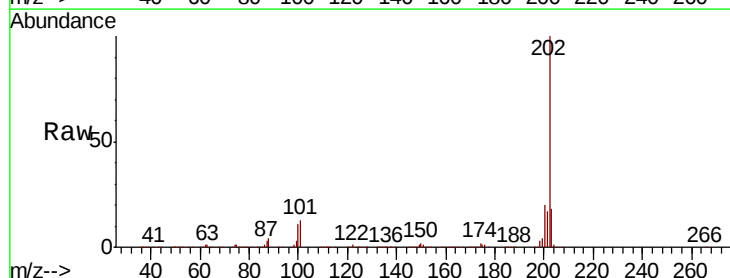
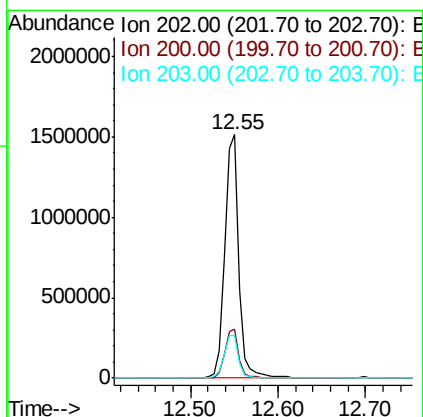
RT: 12.55 min Scan# 1779

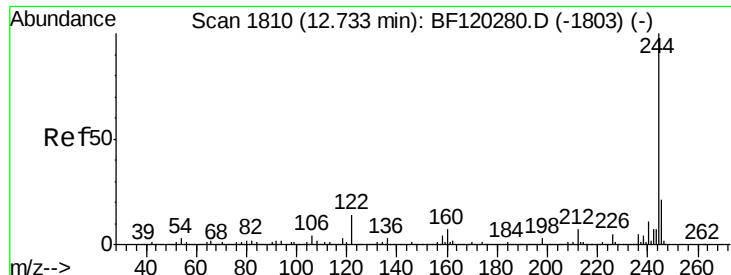
Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	202	Resp:	1674981
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	17.7	14.6	22.0





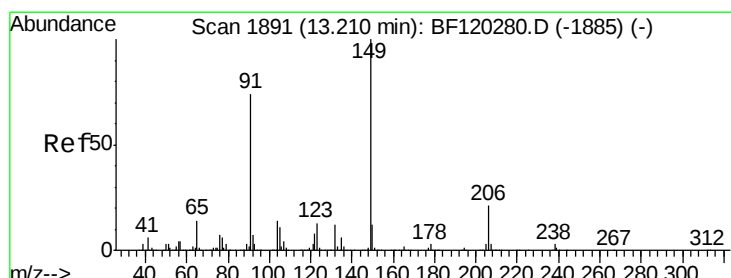
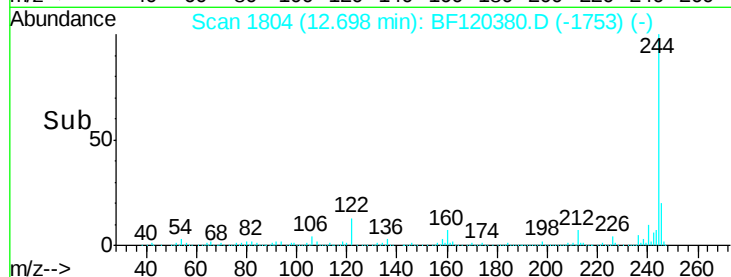
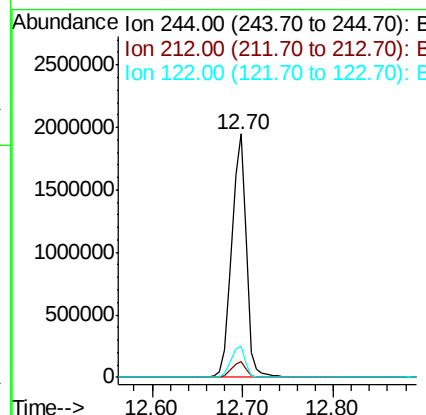
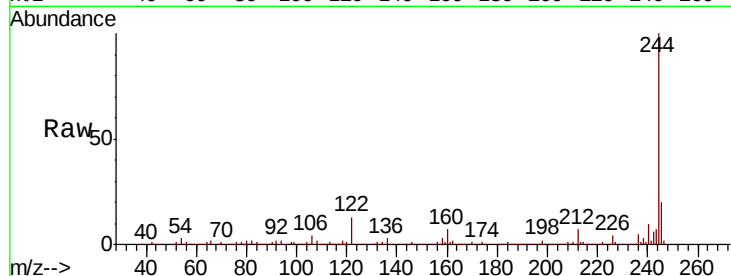
#79
 Terphenyl-d14
 Concen: 77.698 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.9	10.8	16.2

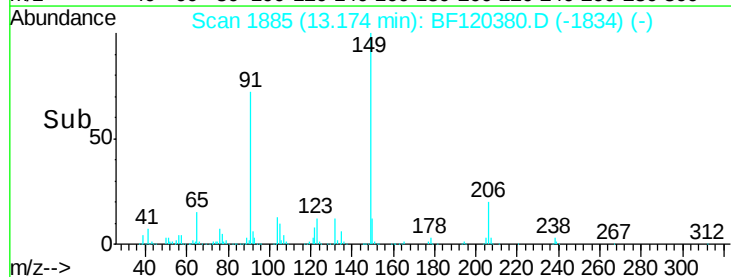
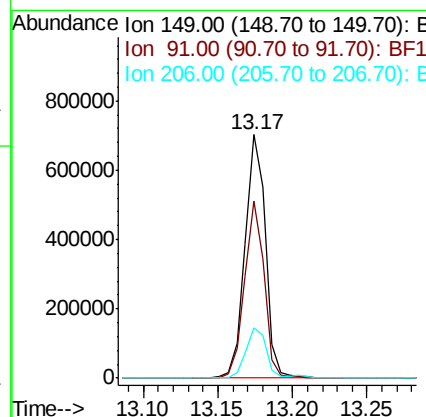
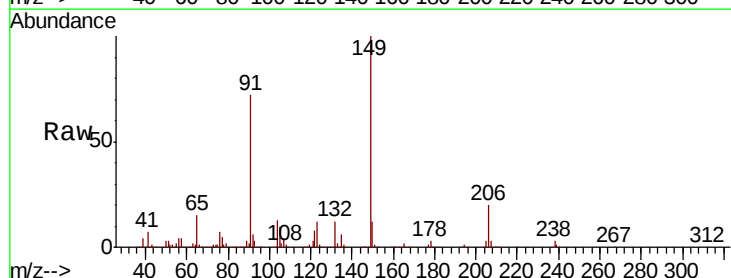
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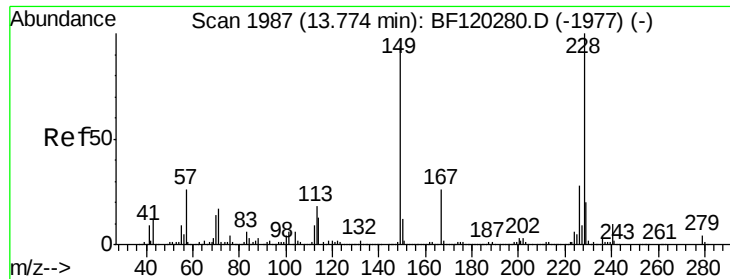
mohammad
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#80
 Butylbenzylphthalate
 Concen: 32.311 ng
 RT: 13.17 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BF120380.D
 Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	59.0	88.4
206	20.4	16.8	25.2





#81

Benzo(a)anthracene

Concen: 36.518 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:228 Resp: 1189095

Ion Ratio Lower Upper

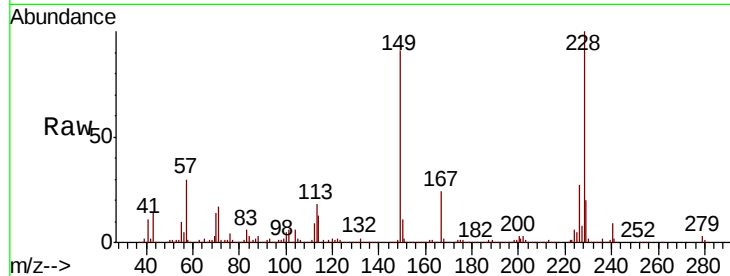
228 100

226 27.4 22.6 33.8

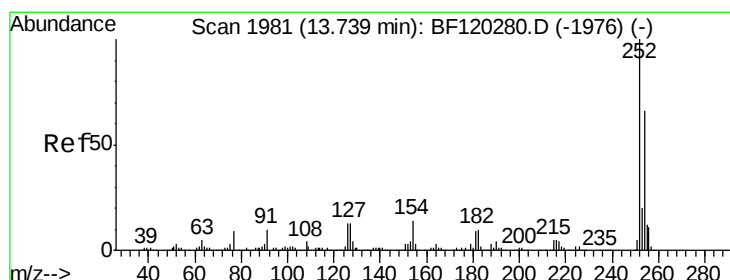
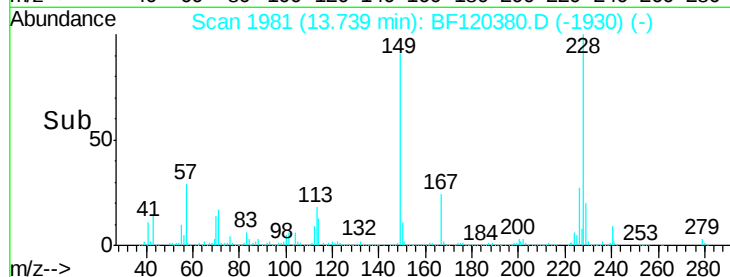
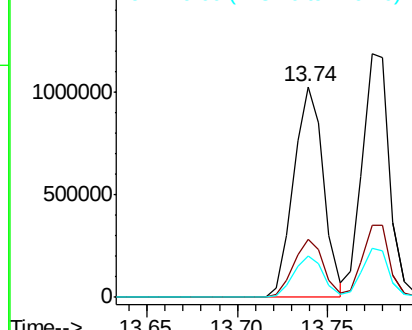
229 19.9 16.4 24.6

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



#82

3,3'-Dichlorobenzidine

Concen: 22.589 ng

RT: 13.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

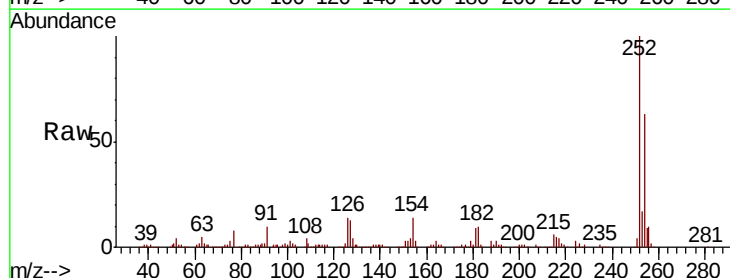
Tgt Ion:252 Resp: 277187

Ion Ratio Lower Upper

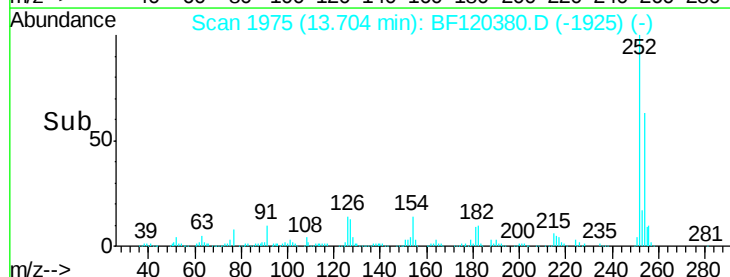
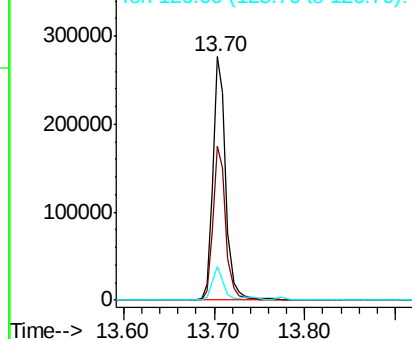
252 100

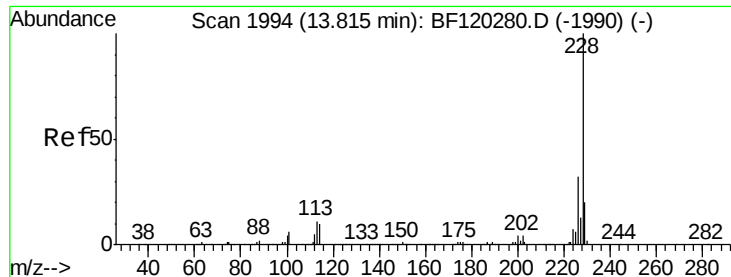
254 63.2 52.6 78.8

126 13.9 10.7 16.1



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





#83

Chrysene

Concen: 36.249 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

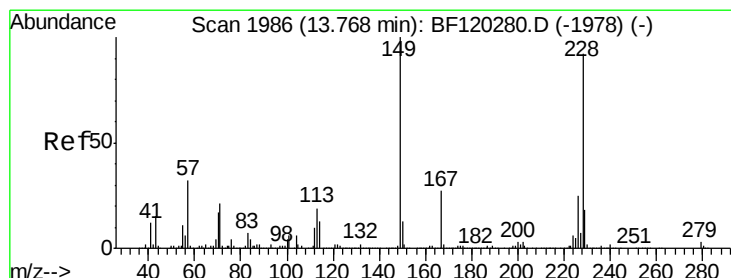
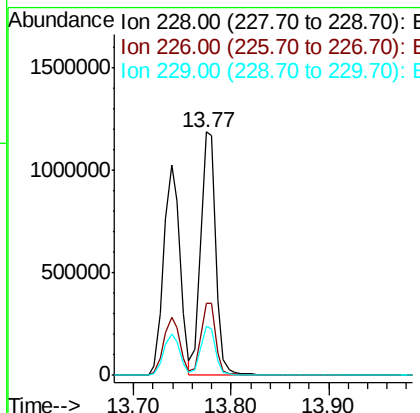
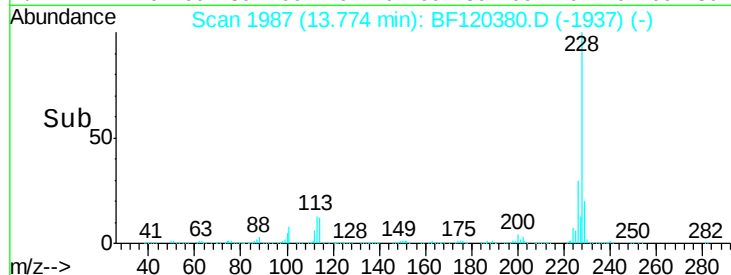
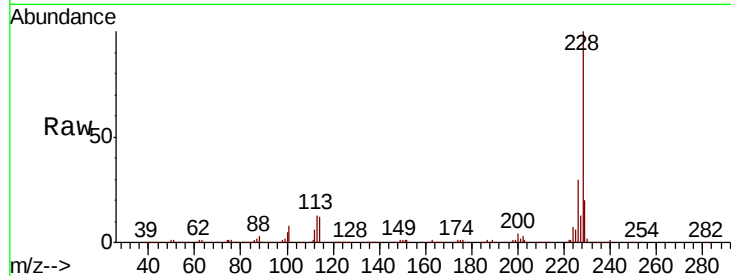
ClientSampleId :

PB129032BS

Tot Ion:	228	Resp:	1267464
Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 32.884 ng

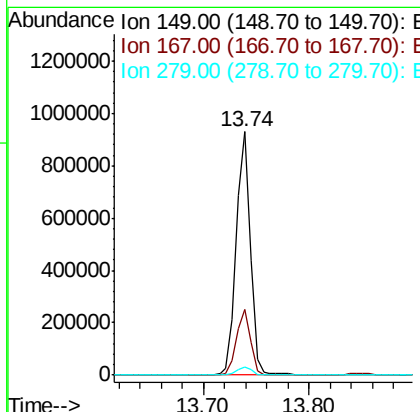
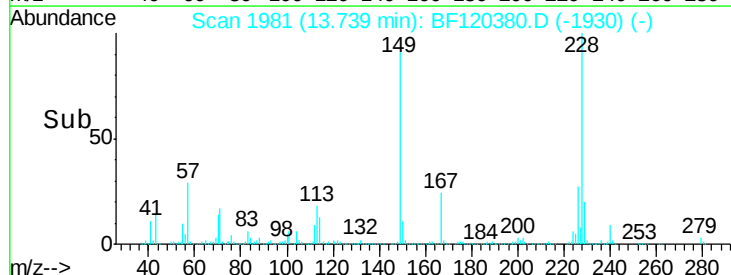
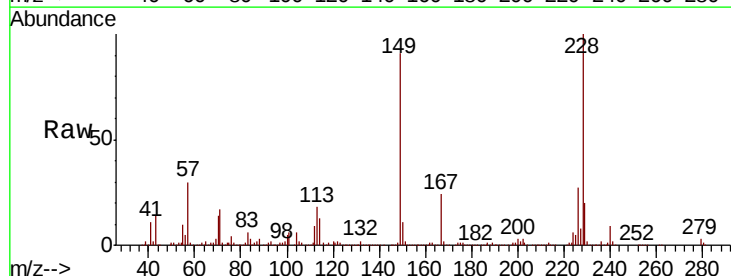
RT: 13.74 min Scan# 1981

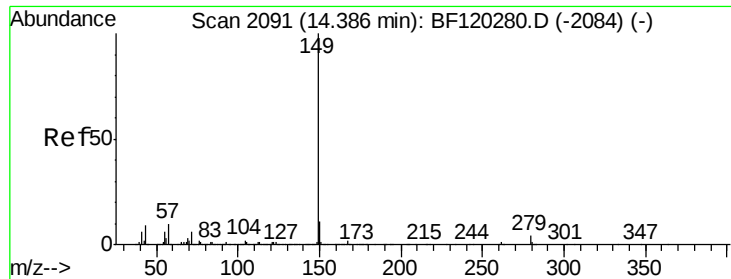
Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	149	Resp:	847897
Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	3.5	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 33.273 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampleId :

PB129032BS

Tot Ion:149 Resp: 1543429

Ion Ratio Lower Upper

149 100

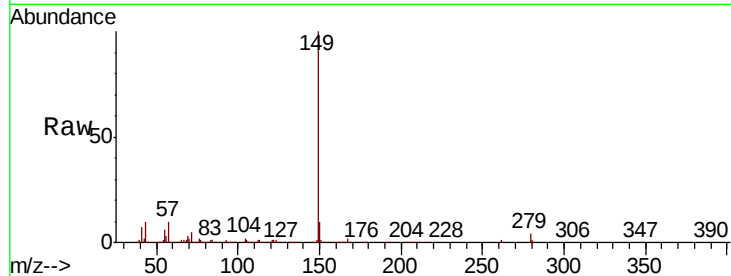
167 1.6 1.3 1.9

43 10.4 7.5 11.3

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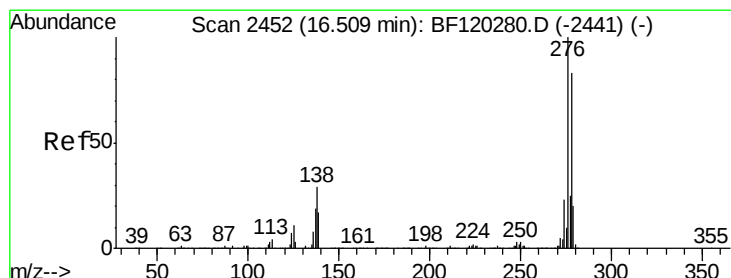
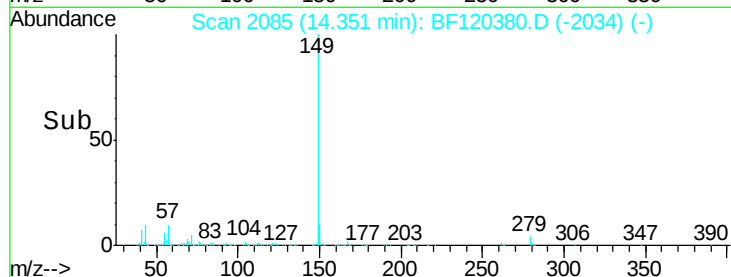
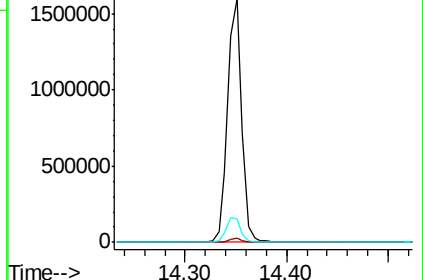
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.020 ng

RT: 16.44 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

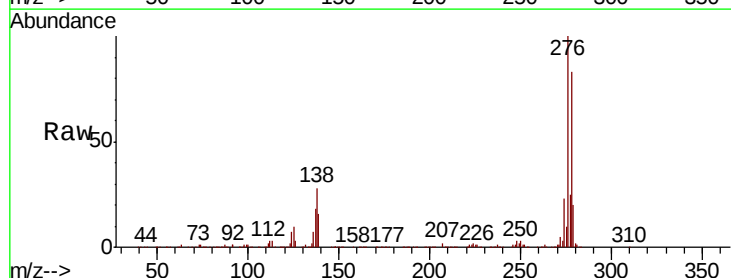
Tgt Ion:276 Resp: 952661

Ion Ratio Lower Upper

276 100

138 27.6 23.3 34.9

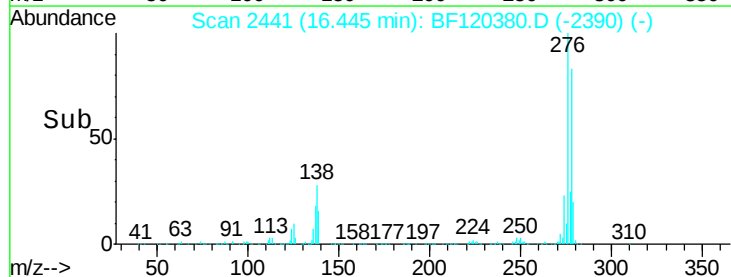
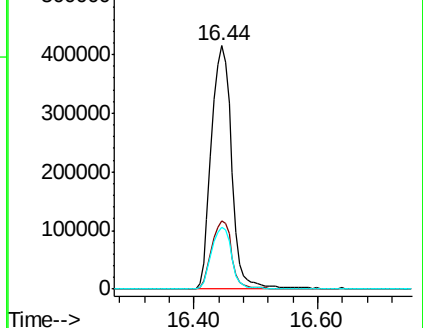
277 25.1 20.2 30.4

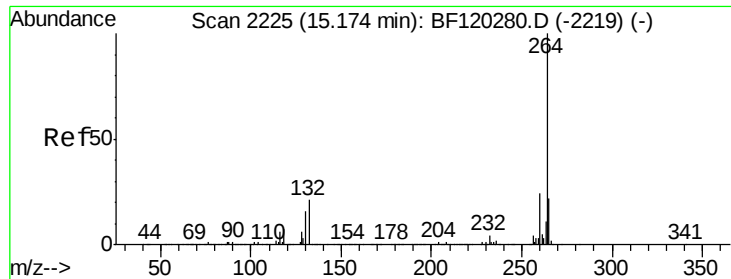


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





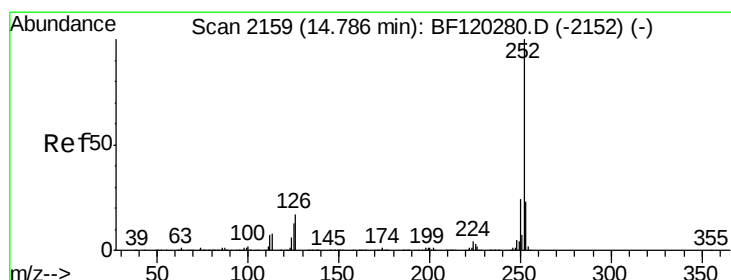
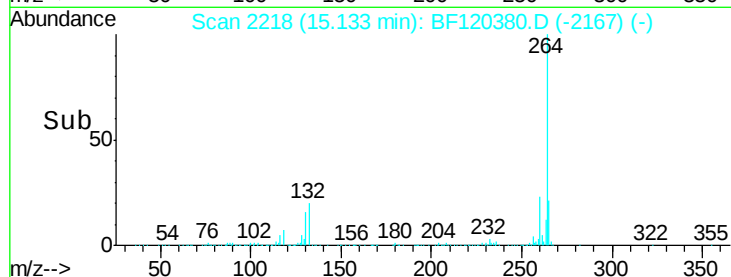
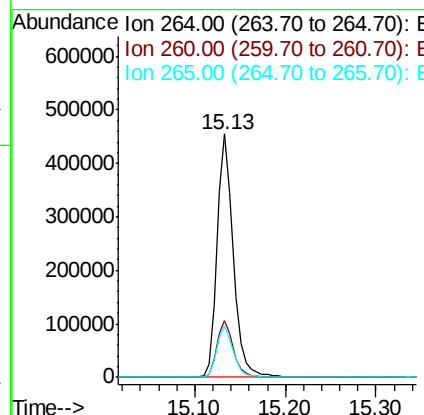
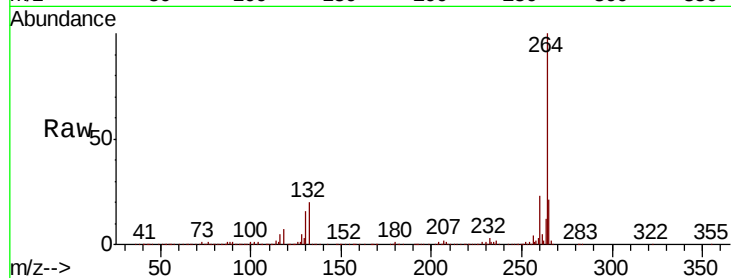
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Instrument :
BNA_F
ClientSampleId :
PB129032BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.1	17.5	26.3

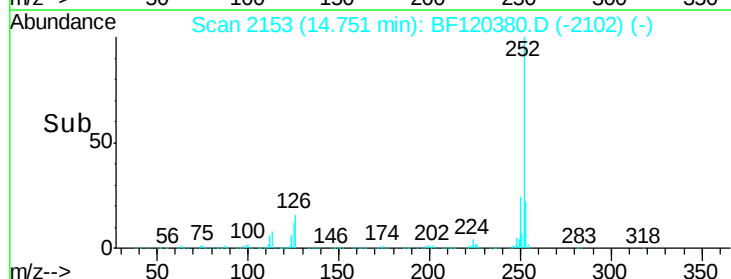
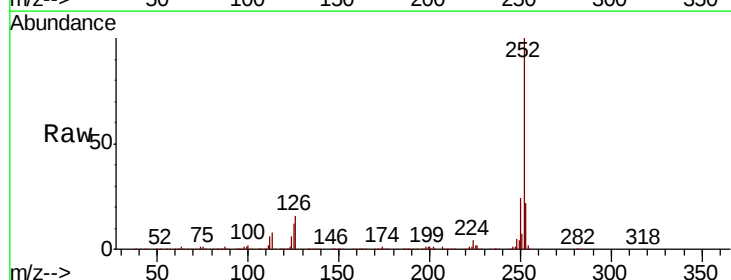
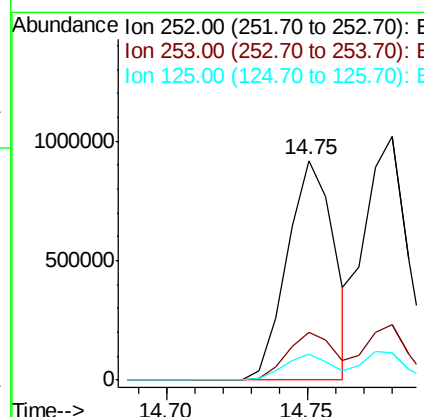
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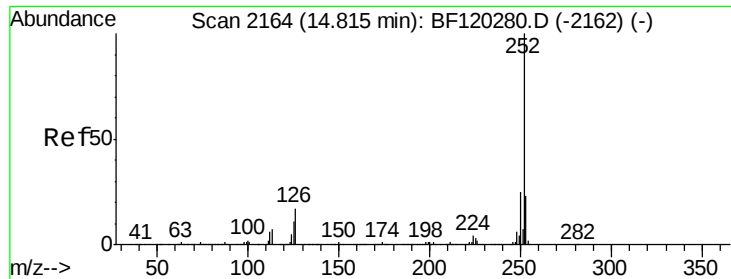
mohammad
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#88
Benzo(b)fluoranthene
Concen: 34.499 ng
RT: 14.75 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BF120380.D
Acq: 21 May 2020 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.7	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 41.491 ng

RT: 14.78 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

ClientSampled :

PB129032BS

Tot Ion:252 Resp: 1111673

Ion Ratio Lower Upper

252 100

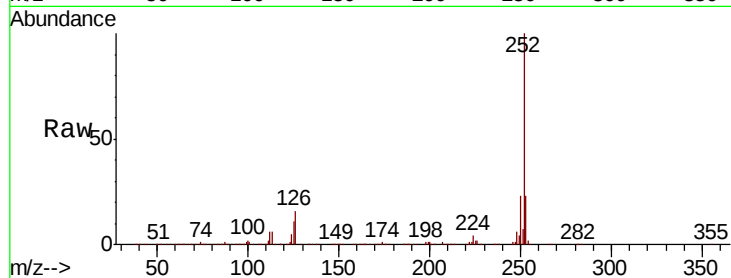
253 22.5 18.2 27.2

125 11.0 9.9 14.9

Manual Integrations
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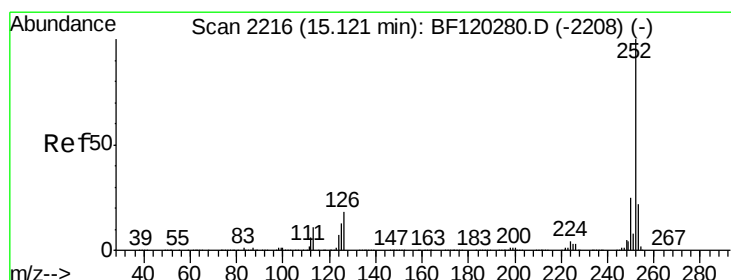
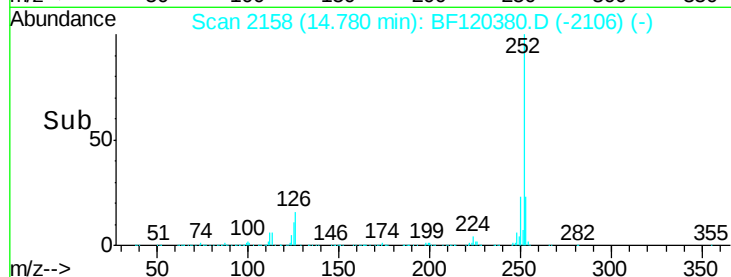
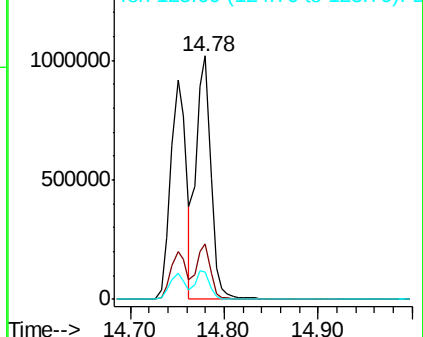
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 35.006 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:252 Resp: 970889

Ion Ratio Lower Upper

252 100

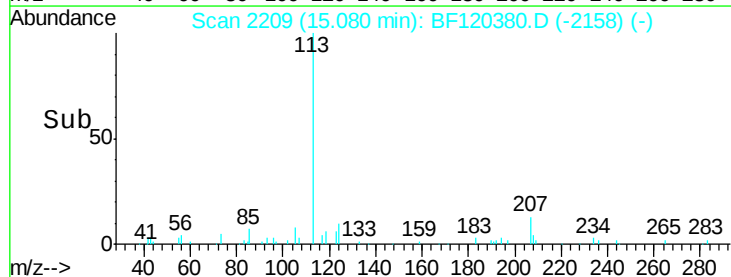
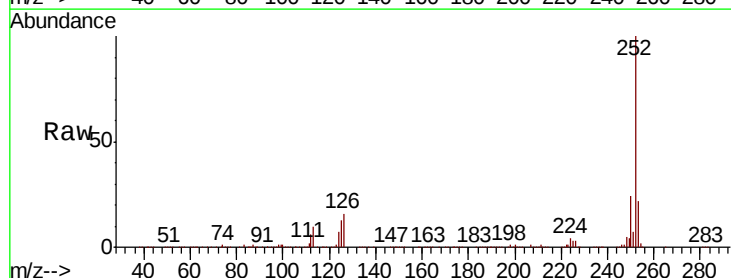
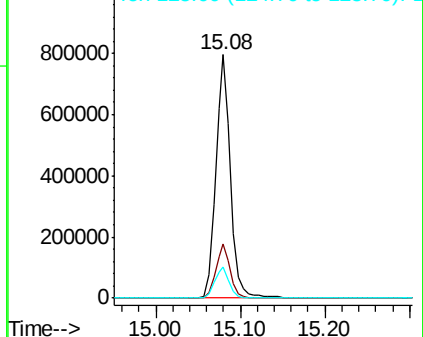
253 22.1 17.6 26.4

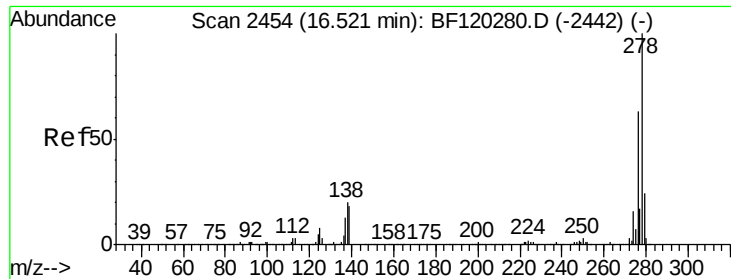
125 12.6 10.6 16.0

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





#91

Dibenzo(a,h)anthracene

Concen: 32.605 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Instrument :

BNA_F

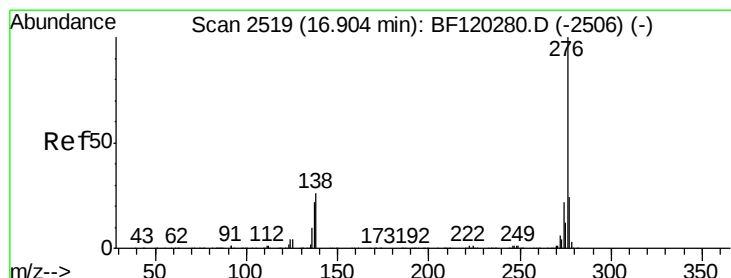
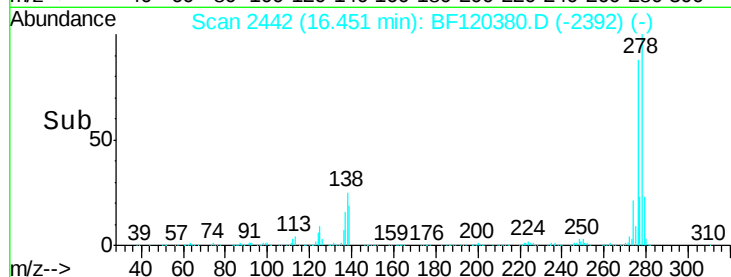
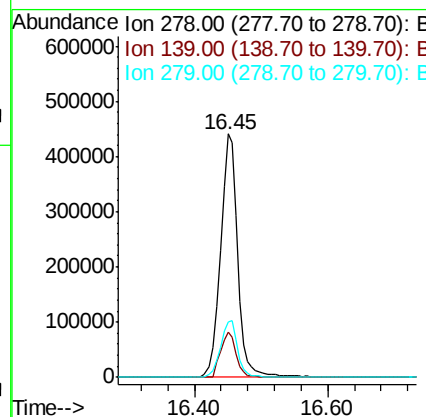
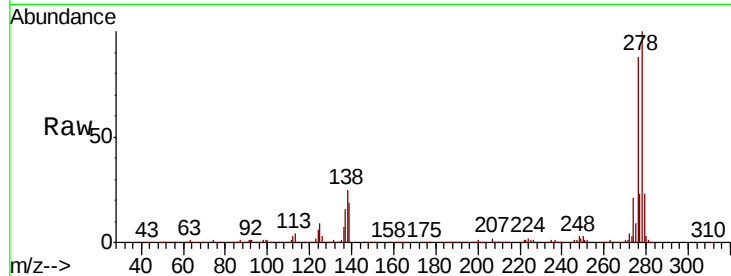
ClientSampleId :

PB129032BS

Tot Ion:	278	Resp:	801108
Ion Ratio	Lower	Upper	
278	100		
139	18.6	14.7	22.1
279	22.8	19.2	28.8

Manual Integrations
APPROVED

mohammad
5/22/2020 2:55:48 PM



#92

Benzo(g,h,i)perylene

Concen: 30.499 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: BF120380.D

Acq: 21 May 2020 14:52

Tgt Ion:	276	Resp:	755659
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.1	28.7
138	24.6	20.8	31.2

