

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120343.D
 Acq On : 18 May 2020 15:56
 Operator : MA/SJ
 Sample : PB128942BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Manual Integrations
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Quant Time: May 18 16:30:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	324258	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1247047	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	621879	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1149926	20.00	ng	0.00
76) Chrysene-d12	13.76	240	795871	20.00	ng	0.00
87) Perylene-d12	15.14	264	775365	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1600379	96.03	ng	0.01
7) Phenol-d6	6.26	99	1935036	91.82	ng	0.00
23) Nitrobenzene-d5	7.17	82	1839408	100.99	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	502217	99.05	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3214743	106.20	ng	0.00
79) Terphenyl-d14	12.71	244	3259656	90.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	324493	48.948	ng	98
3) Pyridine	2.97	79	730475	35.053	ng	99
4) n-Nitrosodimethylamine	2.93	42	393373	48.209	ng	94
6) Aniline	6.27	93	909487	33.744	ng	# 86
8) 2-Chlorophenol	6.39	128	901191	46.378	ng	98
9) Benzaldehyde	6.15	77	545351	41.976	ng	94
10) Phenol	6.27	94	1099311	44.685	ng	81
11) bis(2-Chloroethyl)ether	6.35	93	819101	41.681	ng	97
12) 1,3-Dichlorobenzene	6.54	146	886567	42.639	ng	99
13) 1,4-Dichlorobenzene	6.62	146	924009	43.148	ng	99
14) 1,2-Dichlorobenzene	6.77	146	814778	42.250	ng	98
15) Benzyl Alcohol	6.76	79	678527	45.319	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1358434	43.863	ng	82
17) 2-Methylphenol	6.88	107	694086	42.313	ng	95
18) Hexachloroethane	7.11	117	343665	42.125	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	595422	43.125	ng	94
20) 3+4-Methylphenols	7.04	107	902728	42.328	ng	96
22) Acetophenone	7.02	105	1207355	47.260	ng	97
24) Nitrobenzene	7.19	77	903908	46.113	ng	98
25) Isophorone	7.43	82	1710333	45.130	ng	98
26) 2-Nitrophenol	7.51	139	492487	48.039	ng	97
27) 2,4-Dimethylphenol	7.56	122	776329	52.057	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	1096723	46.041	ng	100
29) 2,4-Dichlorophenol	7.76	162	715579	46.720	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	762421	44.920	ng	98
31) Naphthalene	7.91	128	2456813	46.680	ng	99
32) Benzoic acid	7.72	122	437963	44.803	ng	100
33) 4-Chloroaniline	7.97	127	628748	26.214	ng	99
34) Hexachlorobutadiene	8.03	225	426742	43.499	ng	98
35) Caprolactam	8.35	113	220738m	44.052	ng	
36) 4-Chloro-3-methylphenol	8.47	107	770153	46.481	ng	97
37) 2-Methylnaphthalene	8.60	142	1632268	45.320	ng	98
38) 1-Methylnaphthalene	8.70	142	1584225	45.351	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	729324	46.510	ng	99

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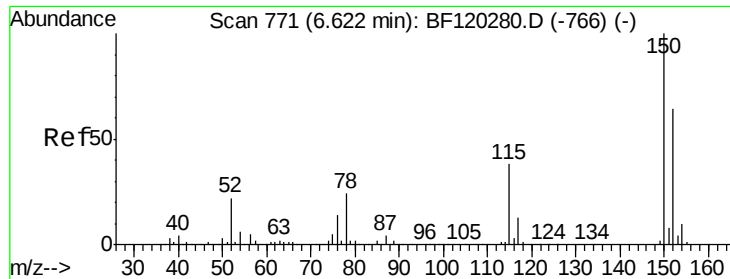
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	640237	97.406	nq	98
43) 2,4,6-Trichlorophenol	8.89	196	478951	45.503	nq	98
44) 2,4,5-Trichlorophenol	8.94	196	527080	43.604	nq	98
46) 1,1'-Biphenyl	9.07	154	1976955	48.519	nq	100
47) 2-Chloronaphthalene	9.09	162	1488626	45.545	nq	99
48) 2-Nitroaniline	9.20	65	550735	46.182	nq	98
49) Acenaphthylene	9.50	152	2371333	47.496	nq	100
50) Dimethylphthalate	9.38	163	1751628	44.557	nq	100
51) 2,6-Dinitrotoluene	9.44	165	395134	45.035	nq	97
52) Acenaphthene	9.67	154	1372675	45.868	nq	100
53) 3-Nitroaniline	9.61	138	276305	26.408	nq	97
54) 2,4-Dinitrophenol	9.73	184	367590	88.755	nq	91
55) Dibenzofuran	9.85	168	2008680	46.609	nq	100
56) 4-Nitrophenol	9.80	139	493512	87.781	nq	88
57) 2,4-Dinitrotoluene	9.85	165	466296	45.305	nq	97
58) Fluorene	10.19	166	1580932	48.169	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	430503	47.324	nq	99
60) Diethylphthalate	10.08	149	1741519	45.887	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	753282	44.144	nq	95
62) 4-Nitroaniline	10.23	138	430179	44.152	nq	99
63) Azobenzene	10.35	77	1666075	46.448	nq	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	273183	46.974	nq	90
66) n-Nitrosodiphenylamine	10.31	169	1492605	46.917	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	477193	42.765	nq	96
68) Hexachlorobenzene	10.74	284	518236	44.393	nq	96
69) Atrazine	10.85	200	411657	43.244	nq	99
70) Pentachlorophenol	10.94	266	448169	90.266	nq	100
71) Phenanthrene	11.15	178	2283665	47.261	nq	99
72) Anthracene	11.20	178	2469608	47.742	nq	99
73) Carbazole	11.36	167	2251628	46.586	nq	99
74) Di-n-butylphthalate	11.70	149	2673944	45.905	nq	99
75) Fluoranthene	12.33	202	2525449	48.762	nq	99
77) Benzidine	12.46	184	1253889	53.952	nq	96
78) Pyrene	12.56	202	2547331	44.896	nq	99
80) Butylbenzylphthalate	13.19	149	1162726	43.520	nq	97
81) Benzo(a)anthracene	13.75	228	1957881	46.642	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	518454	32.774	nq	99
83) Chrysene	13.79	228	2086674	46.293	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1416346	42.610	nq	99
85) Di-n-octyl phthalate	14.36	149	2670281	44.655	nq	98
86) Indeno(1,2,3-cd)pyrene	16.46	276	1794541	43.865	nq	100
88) Benzo(b)fluoranthene	14.76	252	1989297	46.979	nq	99
89) Benzo(k)fluoranthene	14.79	252	1799505	49.051	nq	100
90) Benzo(a)pyrene	15.09	252	1734092	45.663	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1491239	44.326	nq	99
92) Benzo(g,h,i)perylene	16.85	276	1510232	44.516	nq	98

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



#1

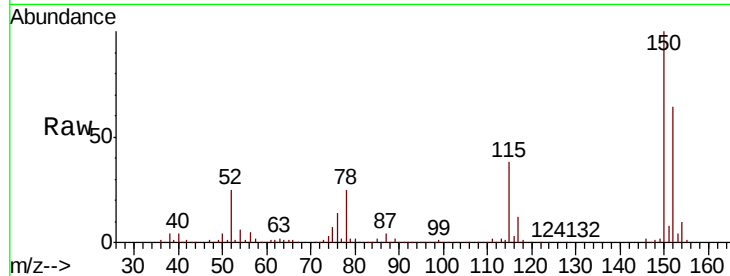
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	58.9	47.9	71.9

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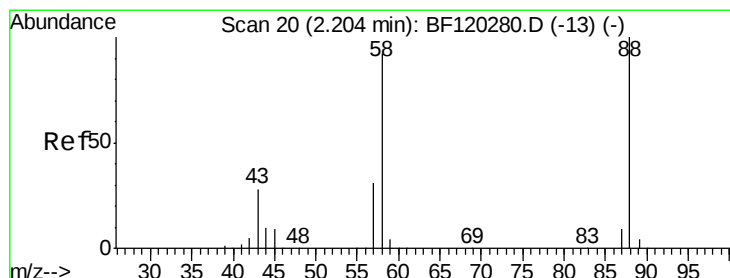
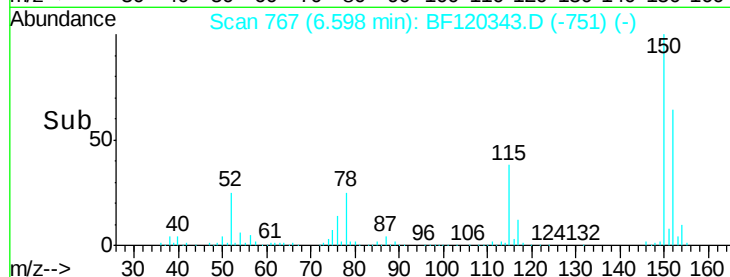
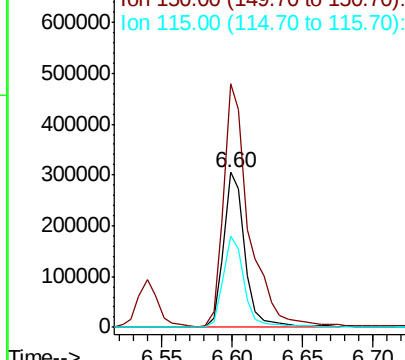


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

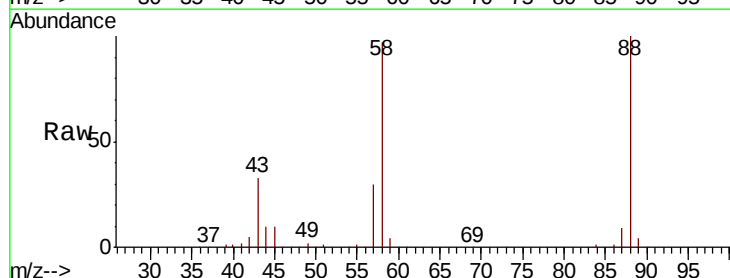
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.948 ng
RT: 2.32 min Scan# 39
Delta R.T. 0.11 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.8	75.8	113.6
43	32.2	23.6	35.4

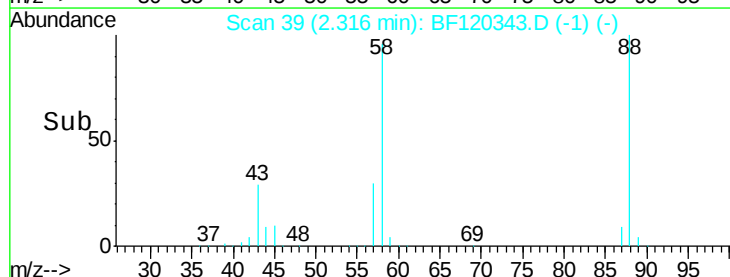
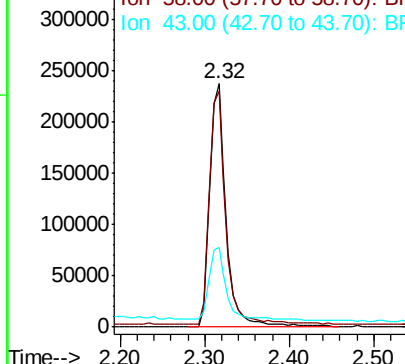


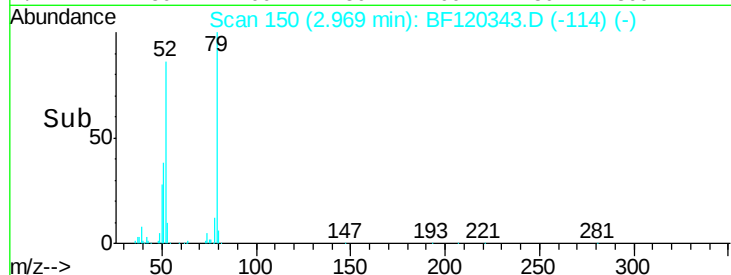
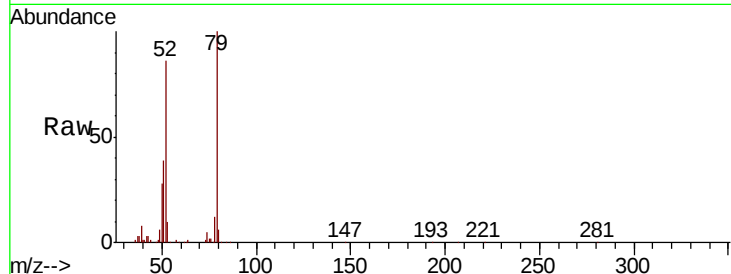
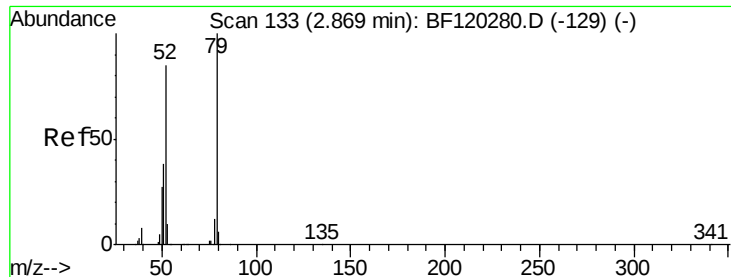
Abundance

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





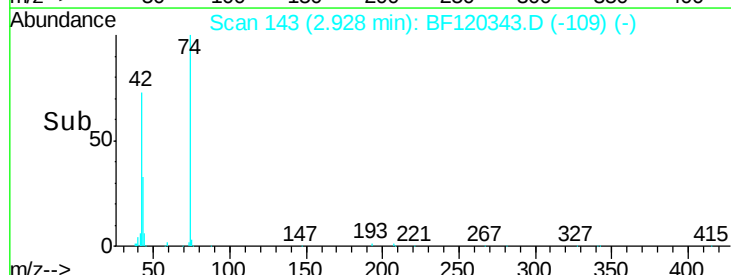
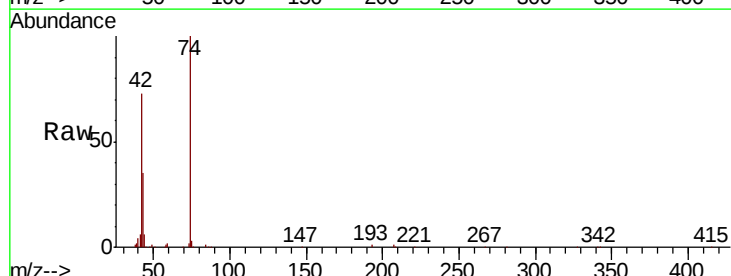
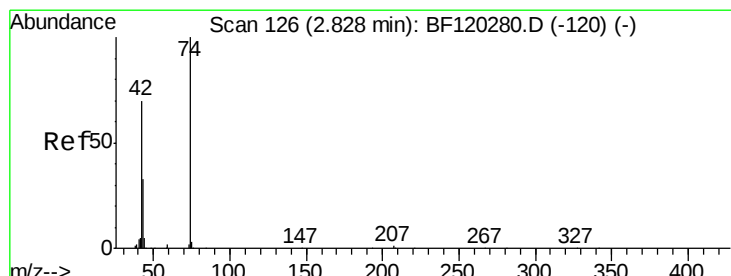
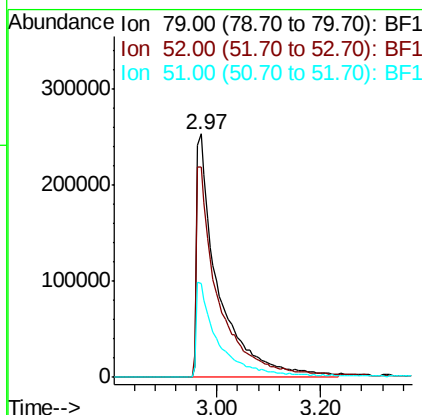
#3
 Pvridine
 Concen: 35.053 ng
 RT: 2.97 min Scan# 150
 Delta R.T. 0.11 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tot Ion:	79	Resp:	730475
Ion Ratio	Lower	Upper	
79	100		
52	86.4	68.4	102.6
51	38.7	31.0	46.4

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

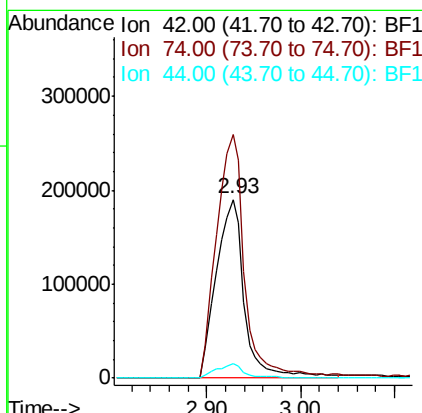
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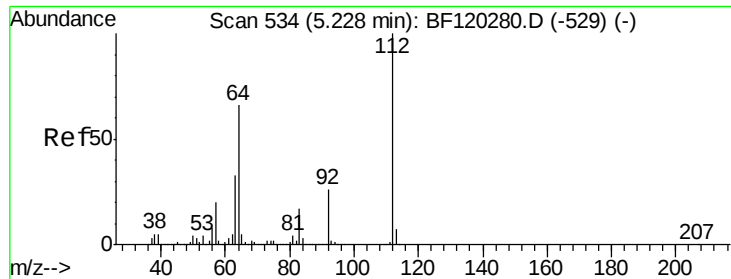
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#4
 n-Nitrosodimethylamine
 Concen: 48.209 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.10 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	42	Resp:	393373
Ion Ratio	Lower	Upper	
42	100		
74	136.5	114.8	172.2
44	8.2	5.6	8.4





#5

2-Fluorophenol

Concen: 96.030 ng

RT: 5.22 min Scan# 533

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:112 Resp: 1600379

Ion Ratio Lower Upper

112 100

64 70.1 52.7 79.1

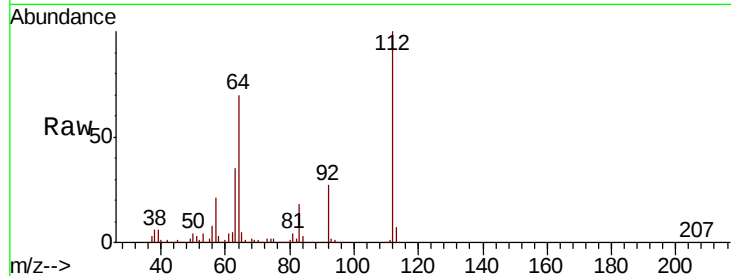
63 35.1 26.2 39.4

Manual Integrations

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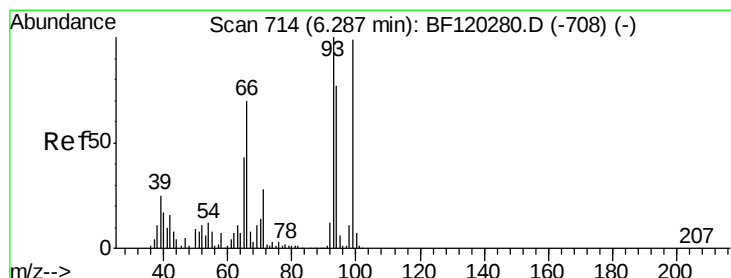
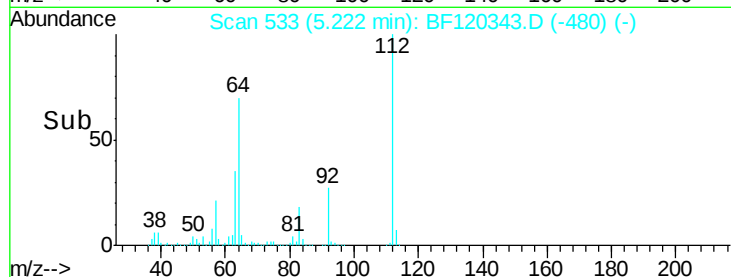
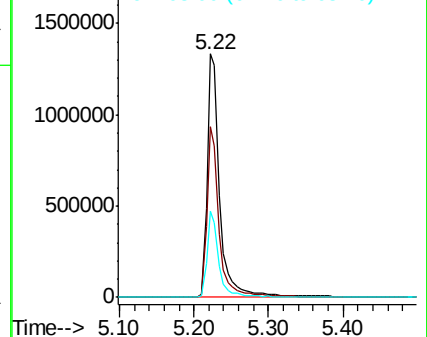
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.744 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

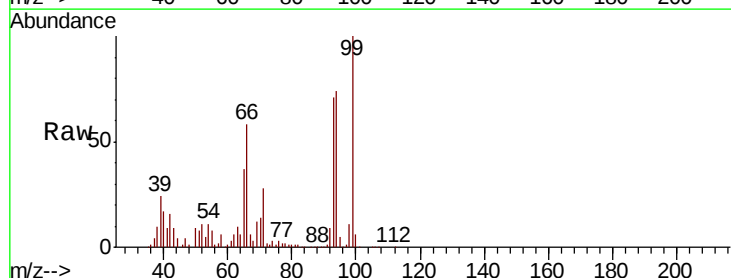
Tgt Ion: 93 Resp: 909487

Ion Ratio Lower Upper

93 100

66 82.0 56.2 84.4

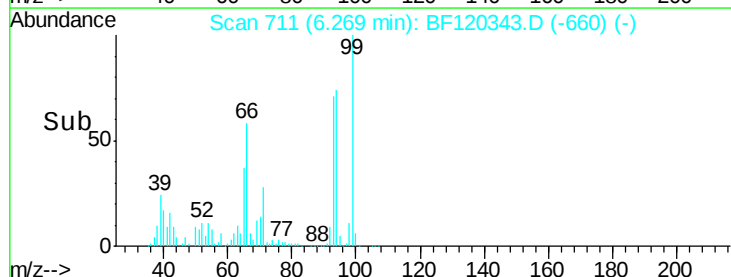
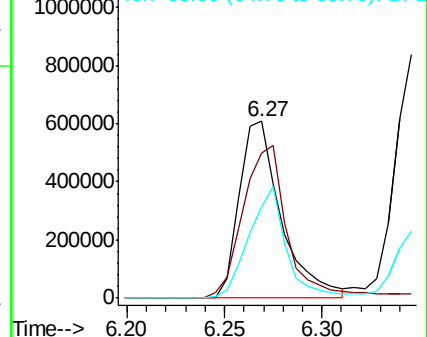
65 51.9 34.2 51.2#

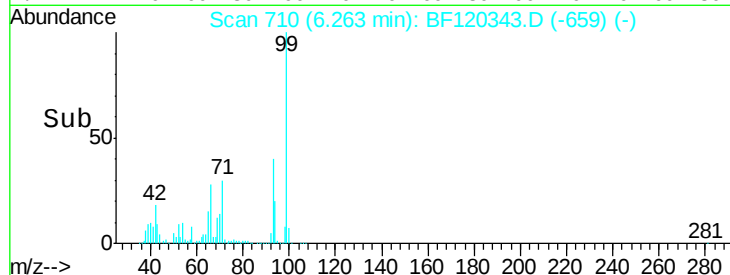
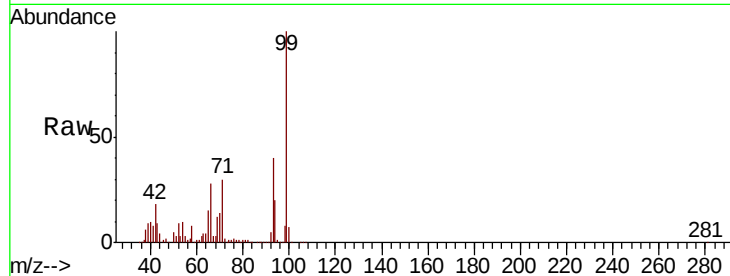
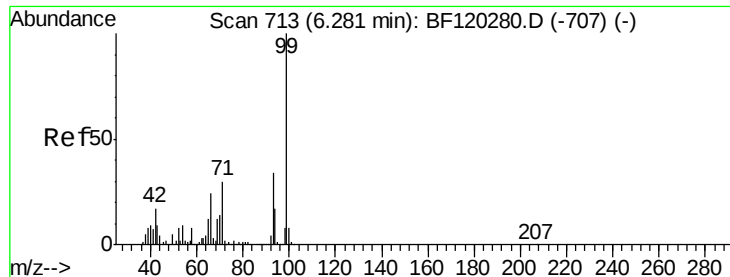


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.817 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tot Ion: 99 Resp: 1935036

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

71 30.2 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

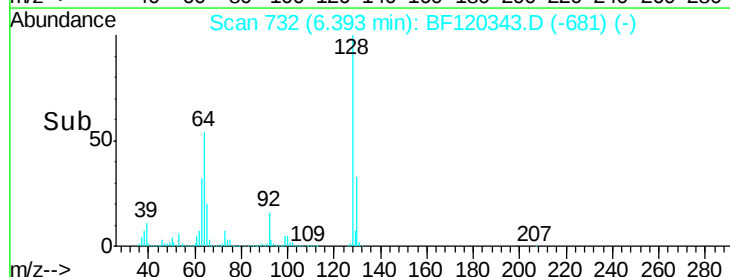
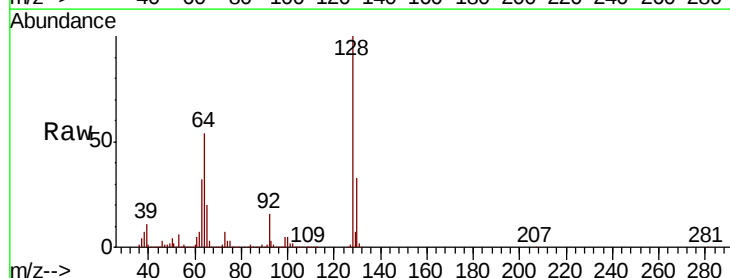
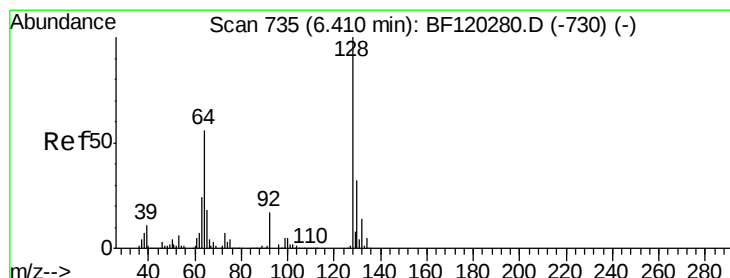
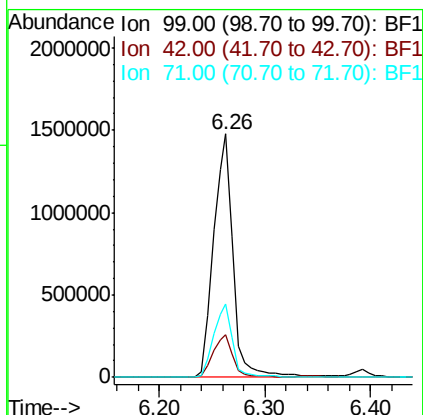
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#8

2-Chlorophenol

Concen: 46.378 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

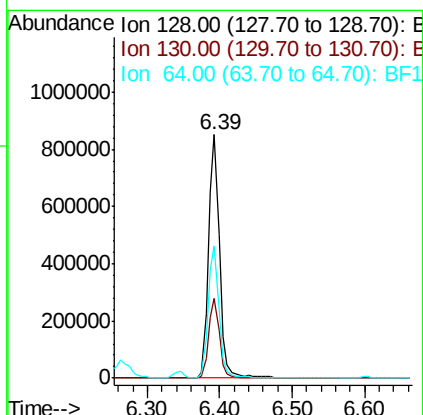
Tgt Ion: 128 Resp: 901191

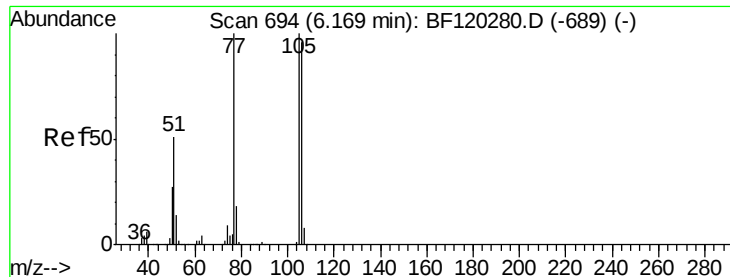
Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 54.3 36.7 76.7





#9

Benzaldehyde

Concen: 41.976 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

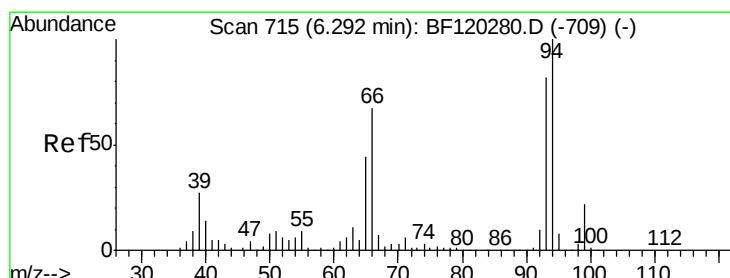
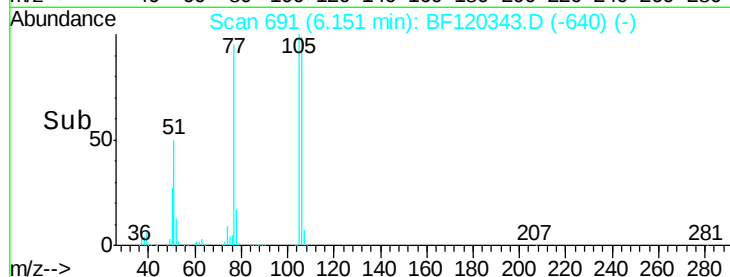
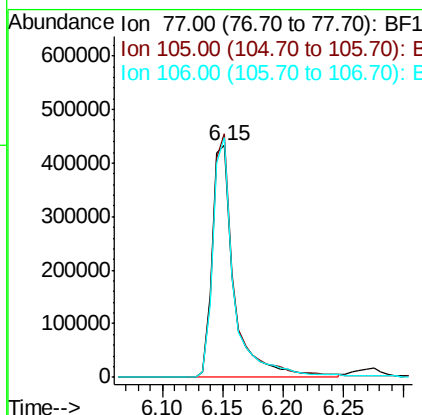
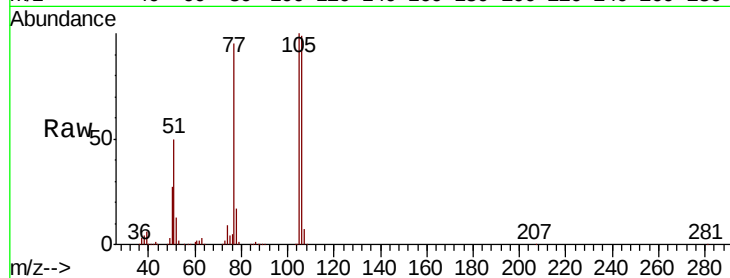
ClientSampleId :

PB128942BS

Tot Ion:	77	Resp:	545351
Ion	Ratio	Lower	Upper
77	100		
105	104.9	79.9	119.9
106	103.4	75.7	115.7

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#10

Phenol

Concen: 44.685 ng

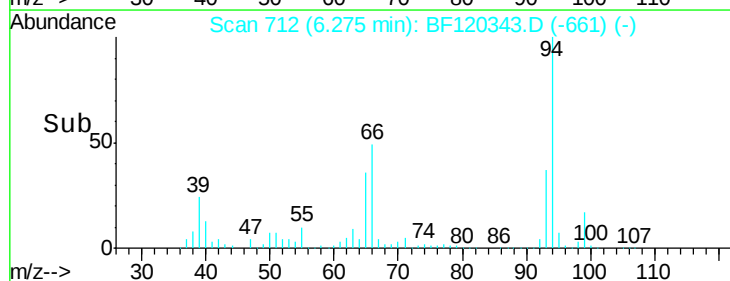
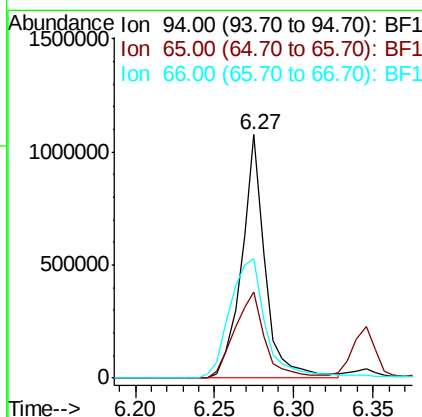
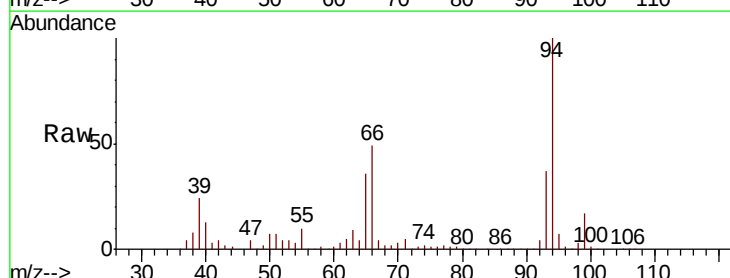
RT: 6.27 min Scan# 712

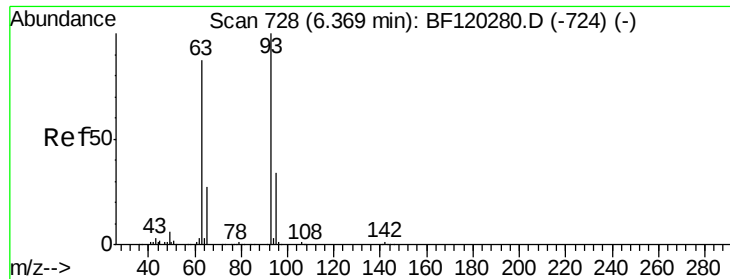
Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:	94	Resp:	1099311
Ion	Ratio	Lower	Upper
94	100		
65	35.7	24.1	64.1
66	48.8	47.5	87.5





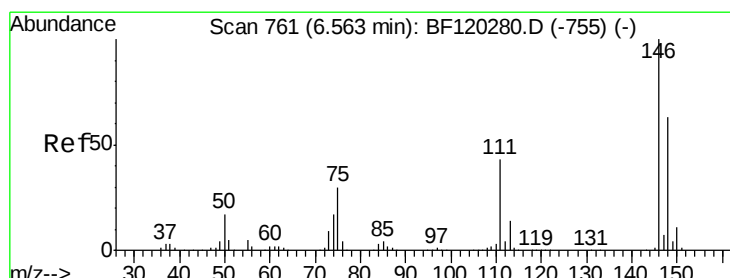
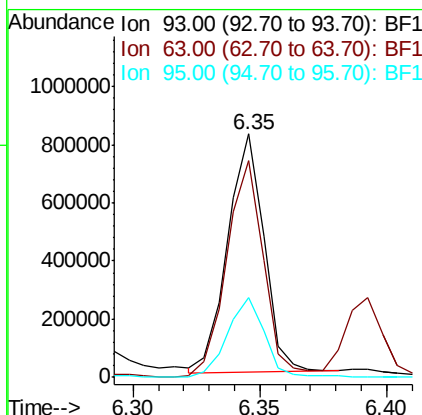
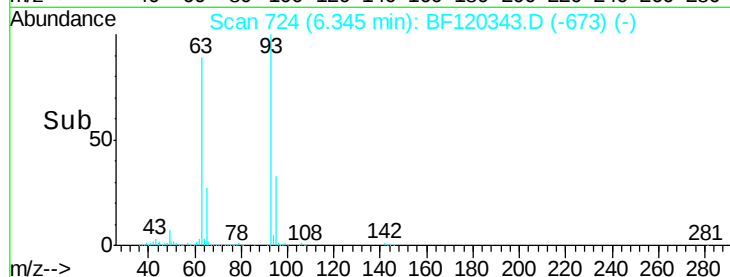
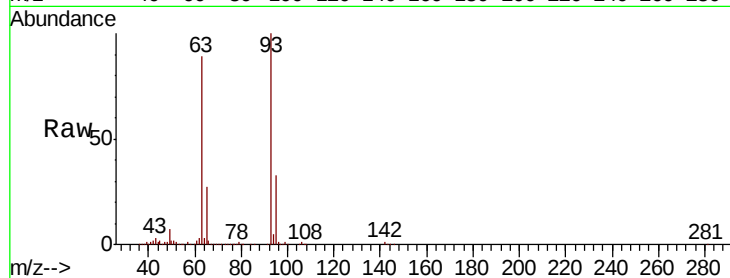
#11
bis(2-Chloroethyl)ether
Concen: 41.681 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	65.4	105.4
95	33.0	12.9	52.9

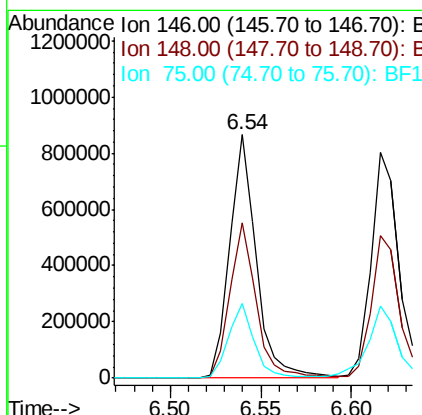
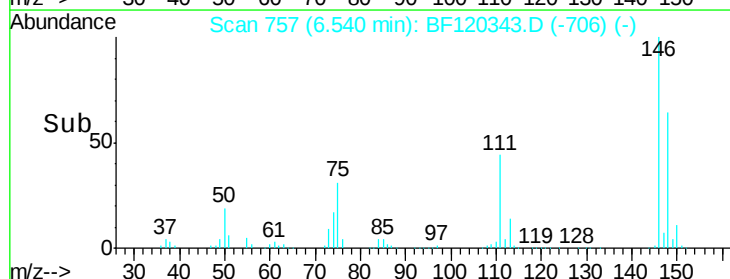
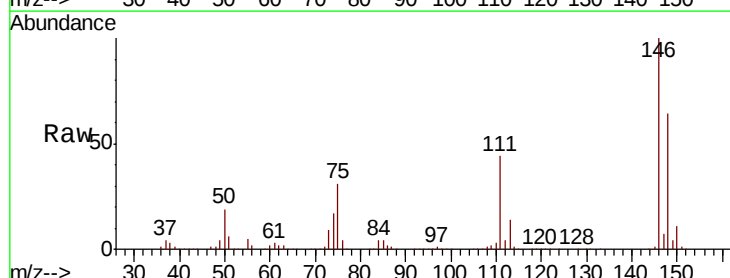
Manual Integrations
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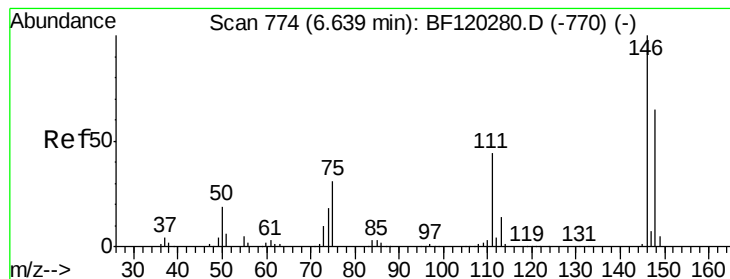
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#12
1,3-Dichlorobenzene
Concen: 42.639 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.5	75.7
75	30.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.148 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

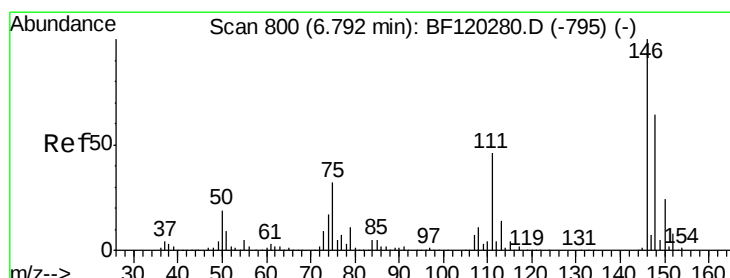
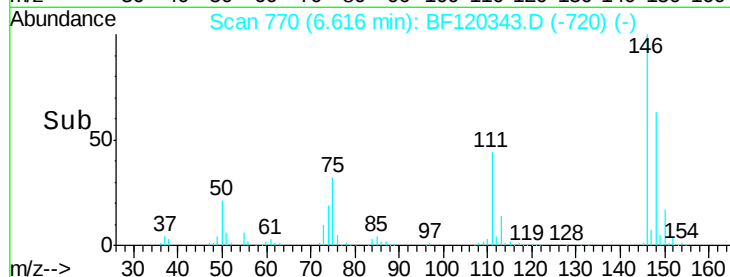
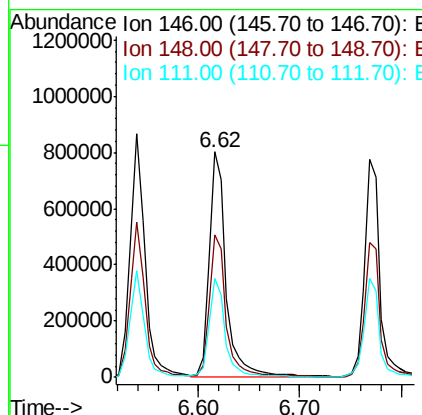
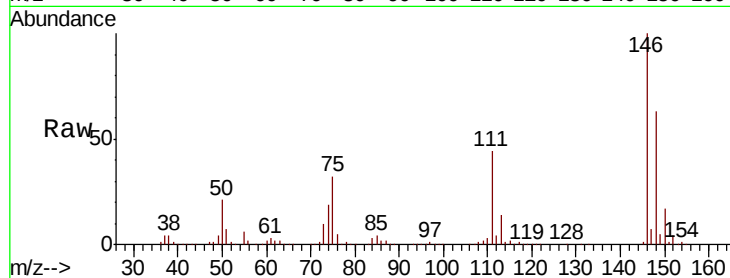
ClientSampled :

PB128942BS

Tot Ion:	146	Resp:	924009
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.6	77.4
111	43.8	35.1	52.7

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#14

1,2-Dichlorobenzene

Concen: 42.250 ng

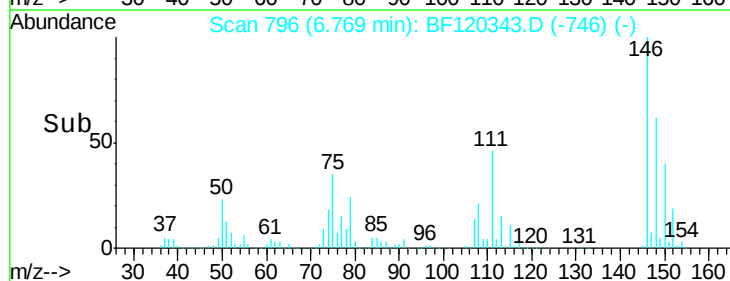
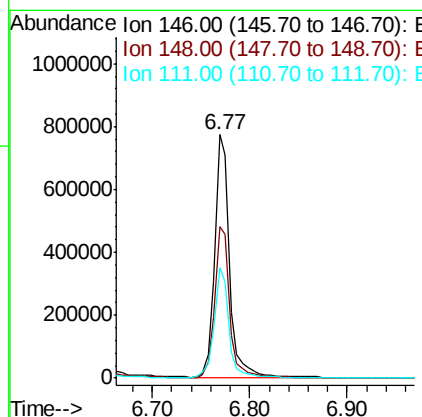
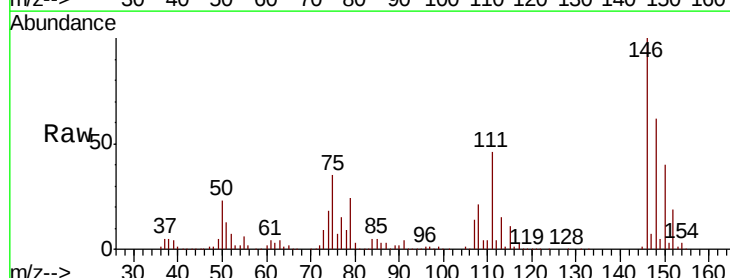
RT: 6.77 min Scan# 796

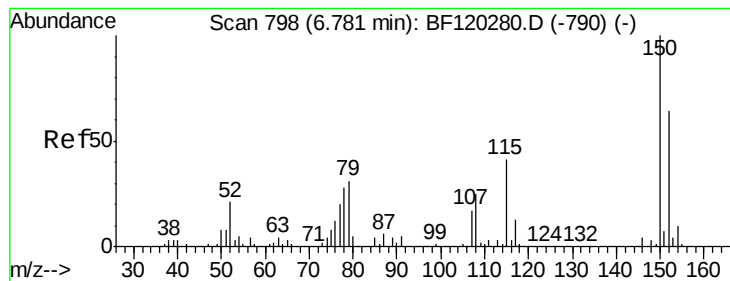
Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:	146	Resp:	814778
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.1	76.7
111	45.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 45.319 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion: 79 Resp: 678527

Ion Ratio Lower Upper

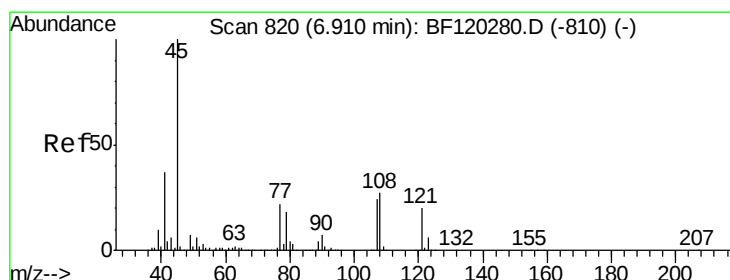
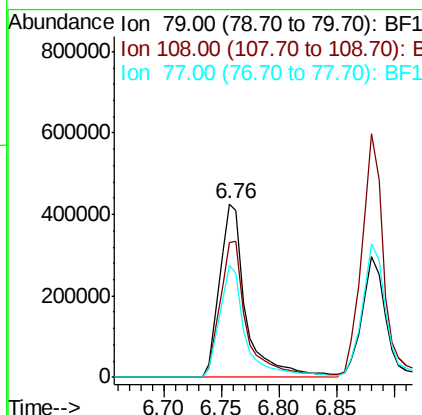
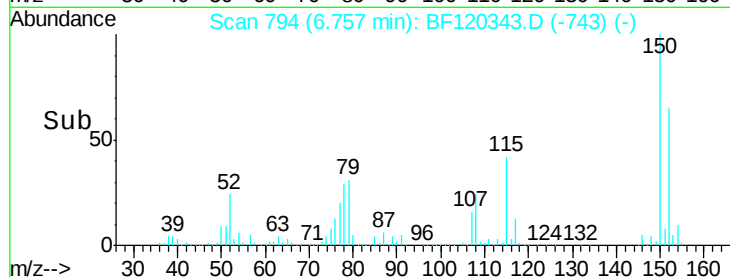
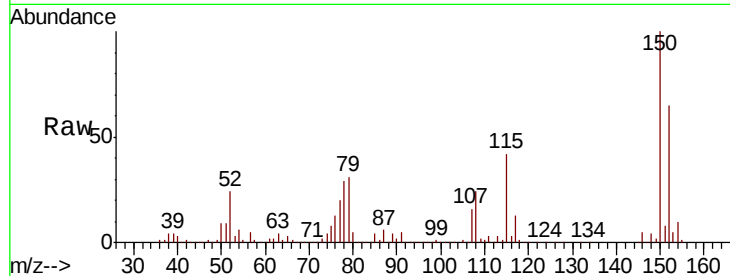
79 100

108 77.7 64.2 96.4

77 64.2 51.6 77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.863 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

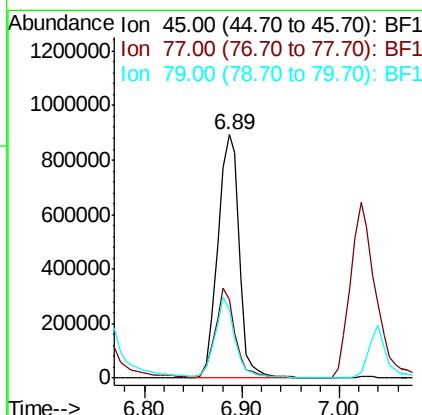
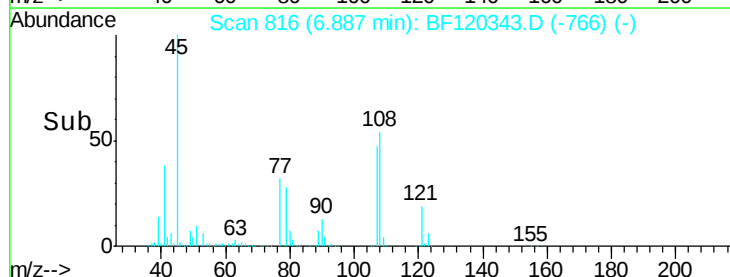
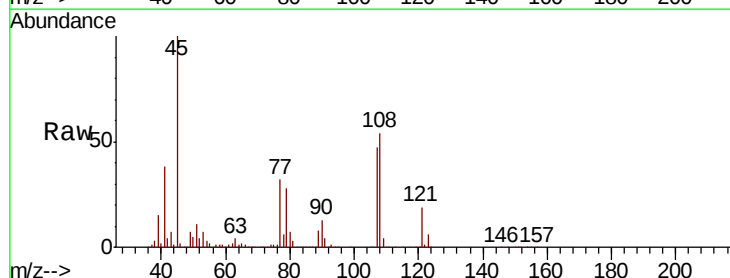
Tgt Ion: 45 Resp: 1358434

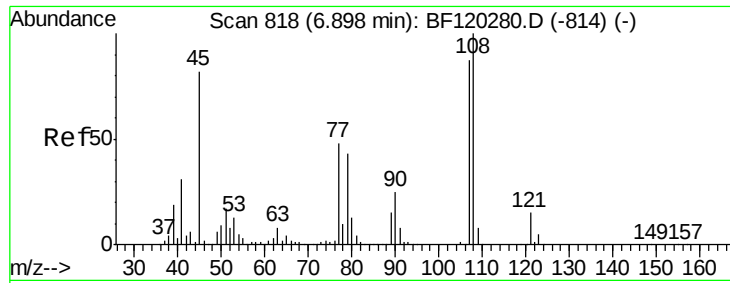
Ion Ratio Lower Upper

45 100

77 32.0 3.1 43.1

79 28.2 0.0 40.0





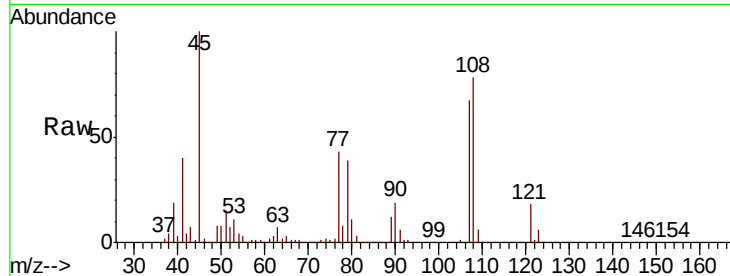
#17
2-Methylphenol
Concen: 42.313 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	694086		
108	115.5	92.4	138.6	
77	63.4	44.5	66.7	
79	57.4	40.4	60.6	

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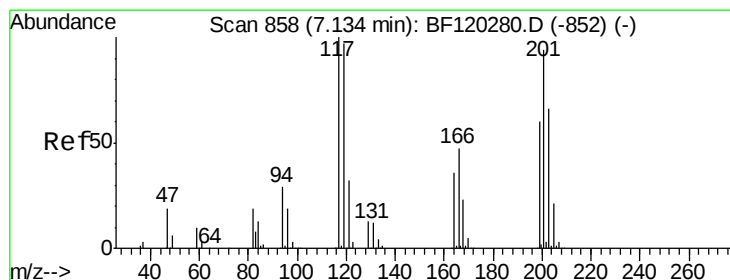
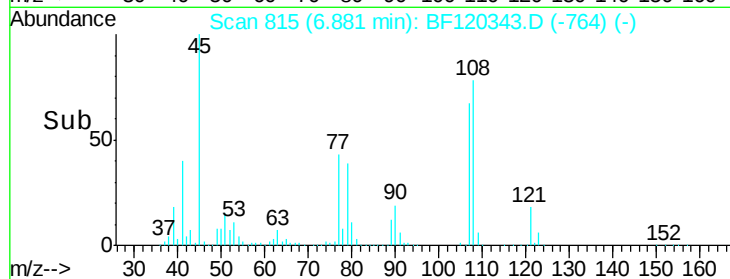
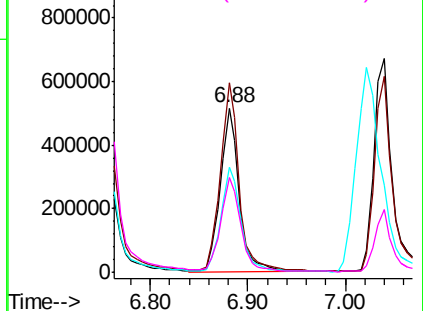
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

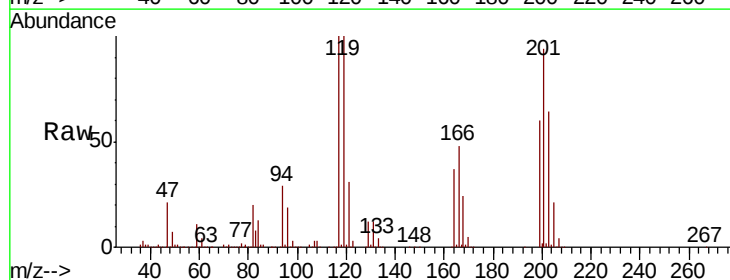
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.125 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	343665		
119	100.3	77.4	116.0	
201	94.8	74.9	112.3	

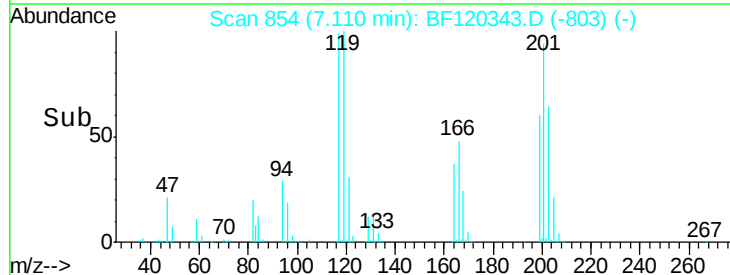
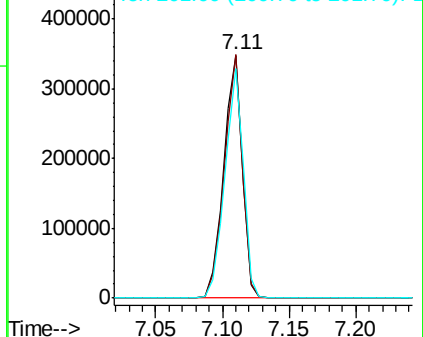


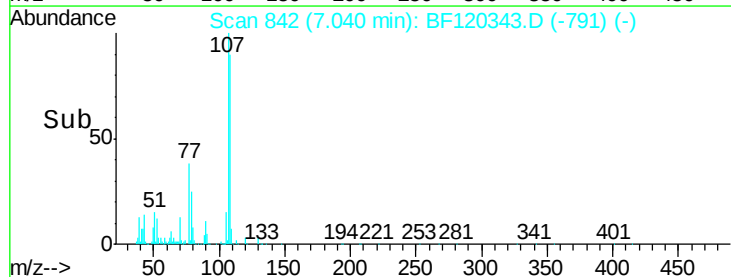
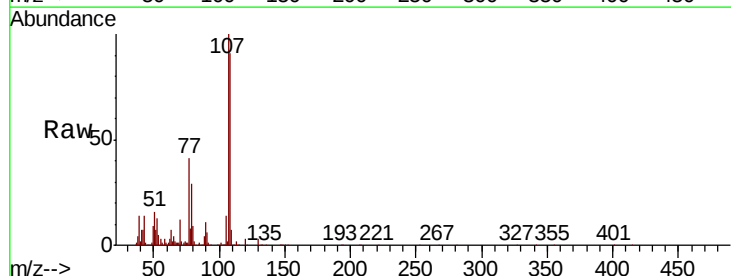
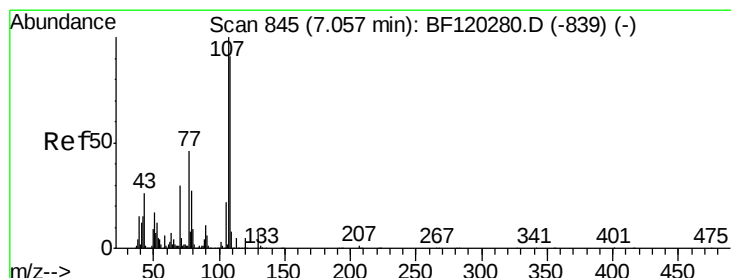
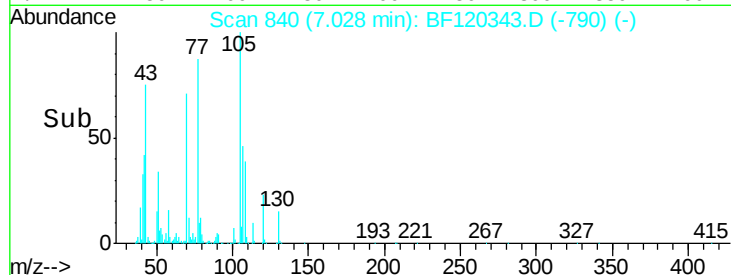
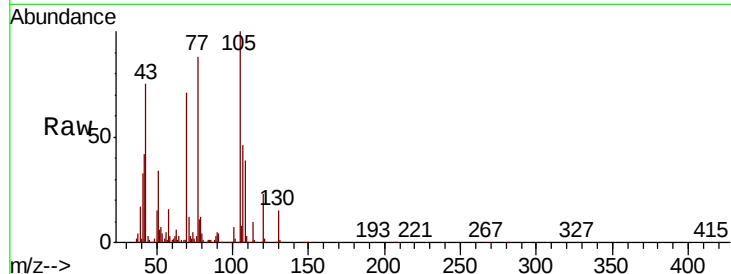
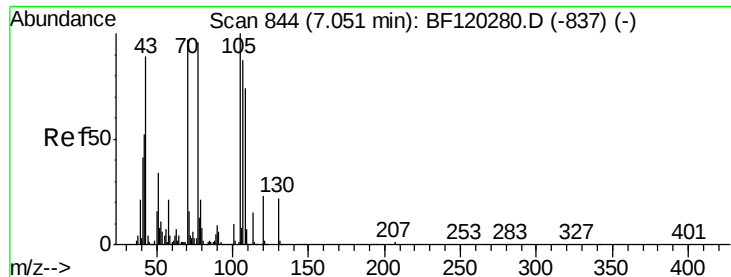
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

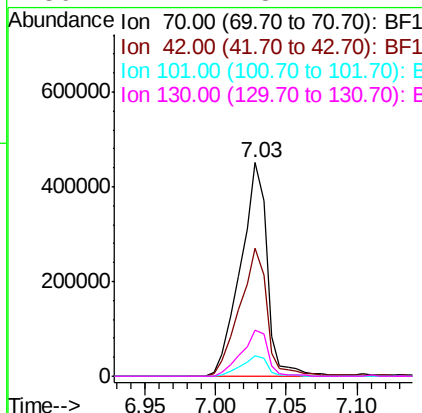
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.125 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.8	43.4	65.0		
101	9.3	7.8	11.8		
130	21.4	18.2	27.4		



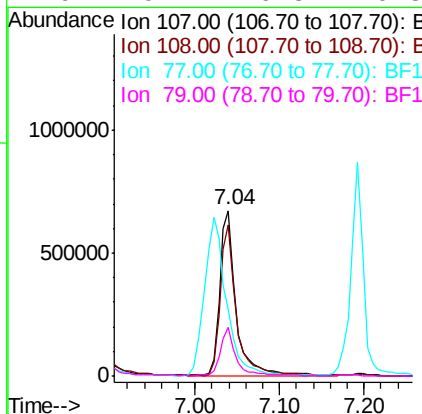
Instrument :
BNA_F
ClientSampleId :
PB128942BS

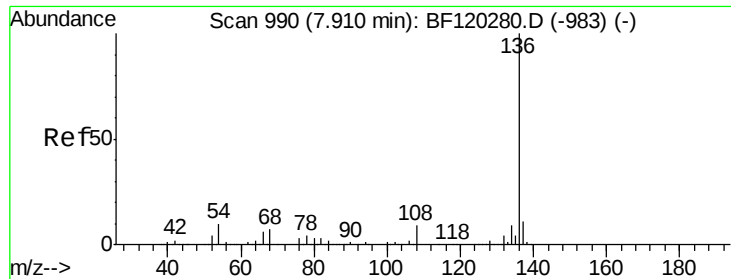
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#20
3+4-Methylphenols
Concen: 42.328 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.4	71.1	111.1		
77	40.6	28.1	68.1		
79	29.2	6.8	46.8		





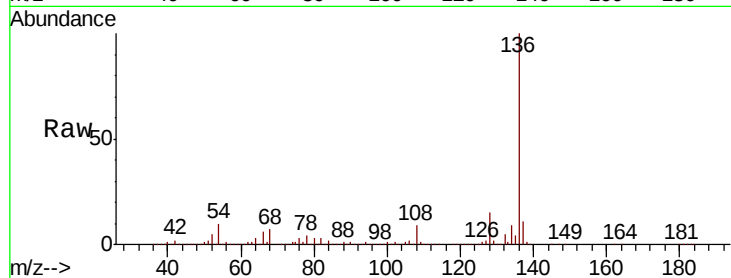
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

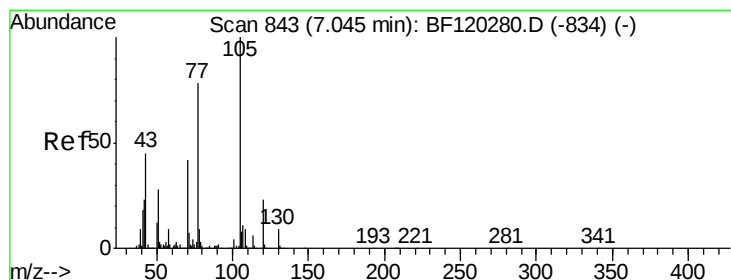
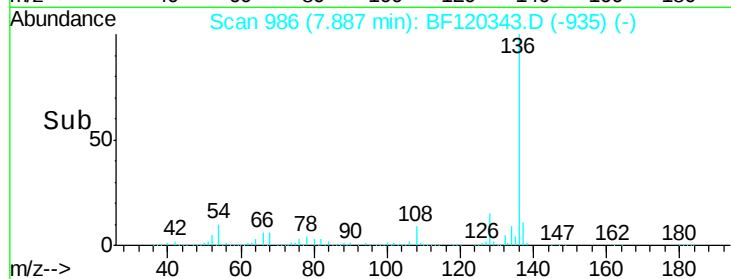
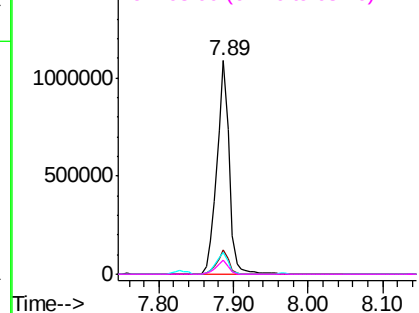
Tot Ion	136	Resp	1247047
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.4	7.9	11.9
68	6.5	5.4	8.2

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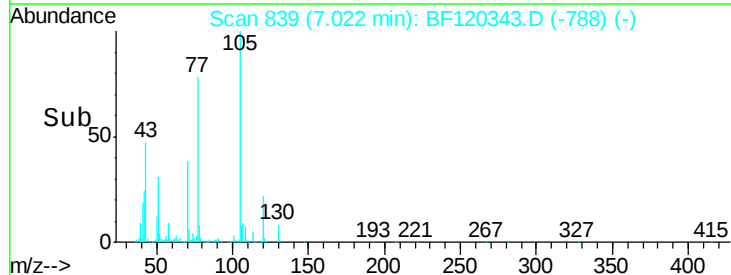
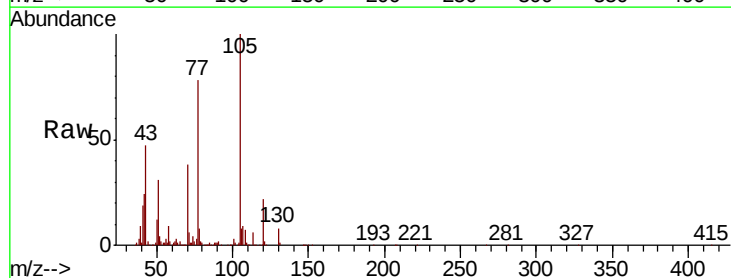
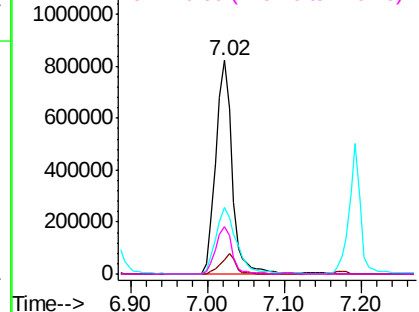
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

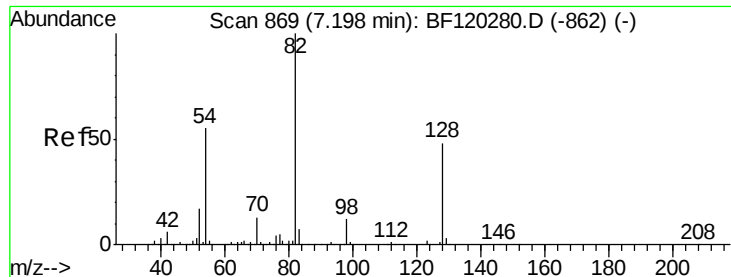


#22
Acetophenone
Concen: 47.260 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	105	Resp	1207355
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.6	8.4
51	30.9	22.6	34.0
120	22.3	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





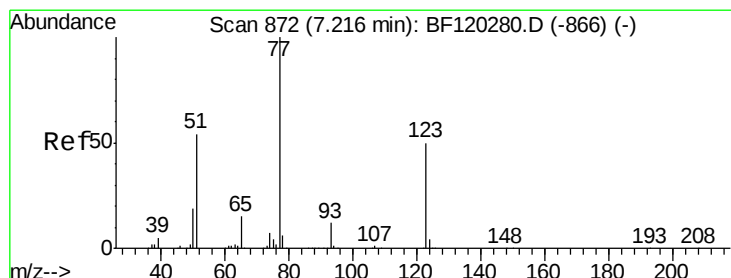
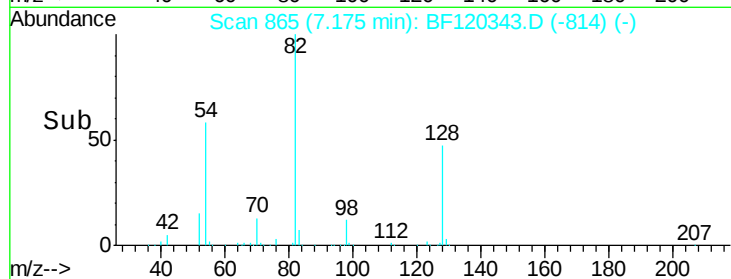
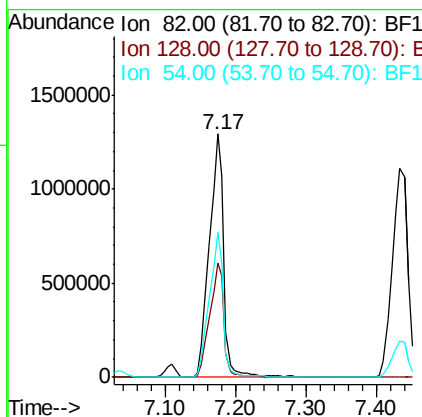
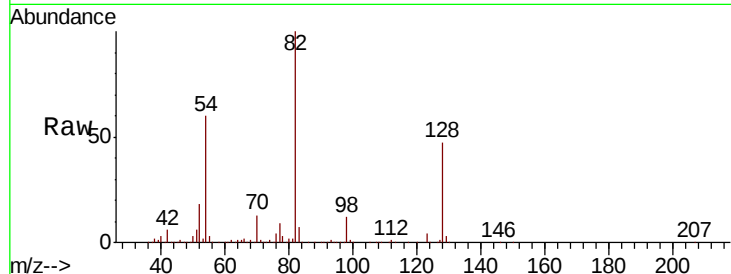
#23
 Nitrobenzene-d5
 Concen: 100.989 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.3	57.5
54	59.5	43.9	65.9

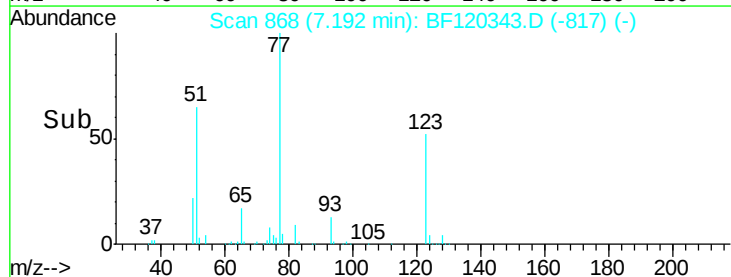
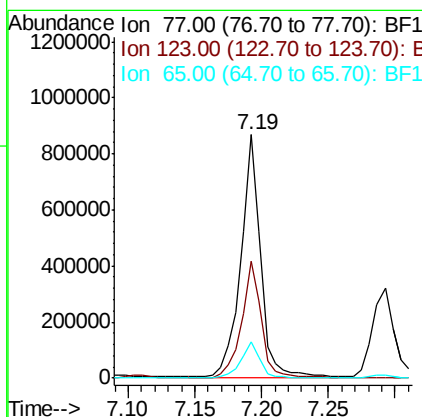
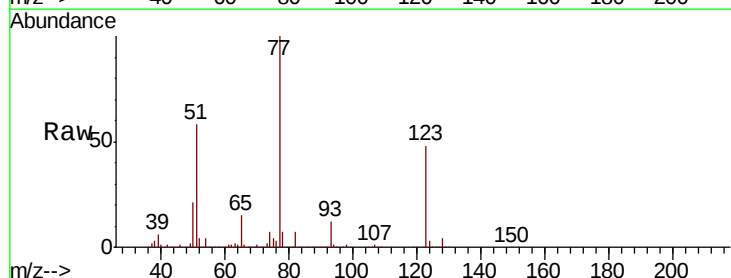
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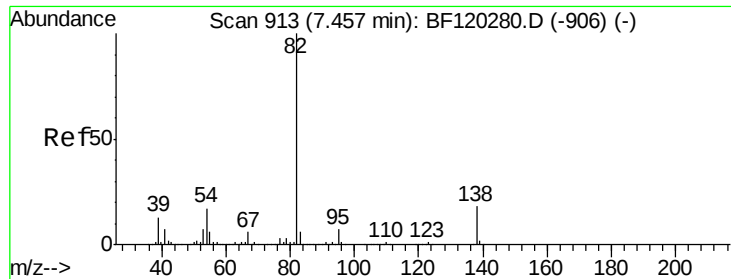
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#24
 Nitrobenzene
 Concen: 46.113 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	40.0	60.0
65	14.8	11.7	17.5





#25

Isophorone

Concen: 45.130 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion: 82 Resp: 1710333

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

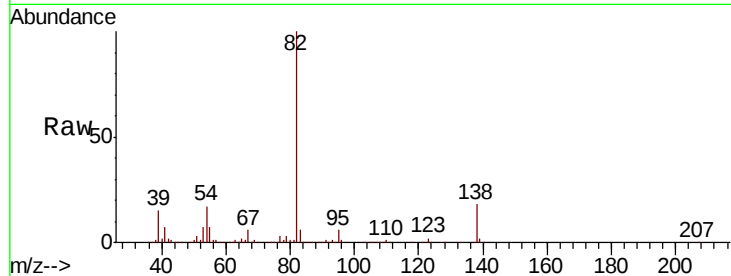
138 17.6 14.7 22.1

Manual Integrations

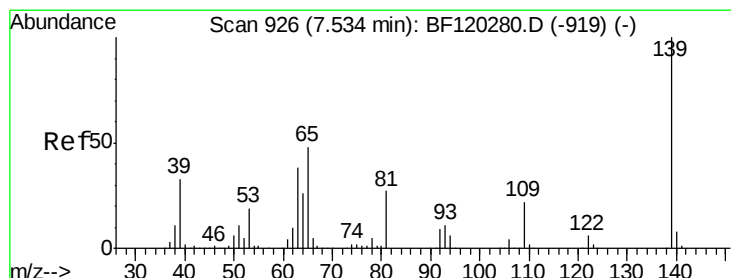
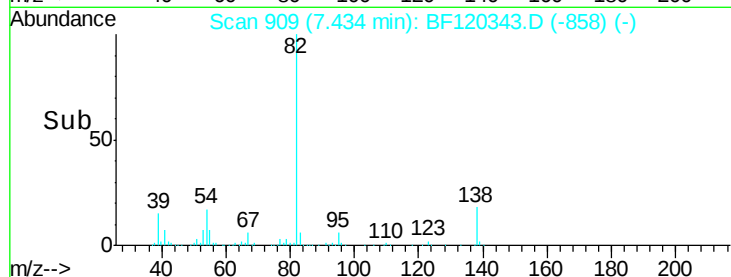
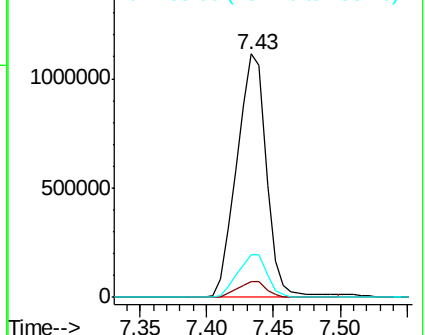
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.039 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

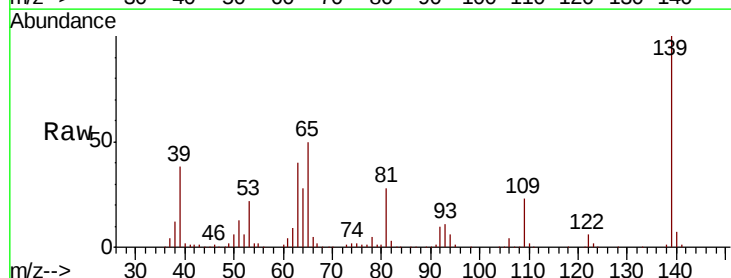
Tgt Ion: 139 Resp: 492487

Ion Ratio Lower Upper

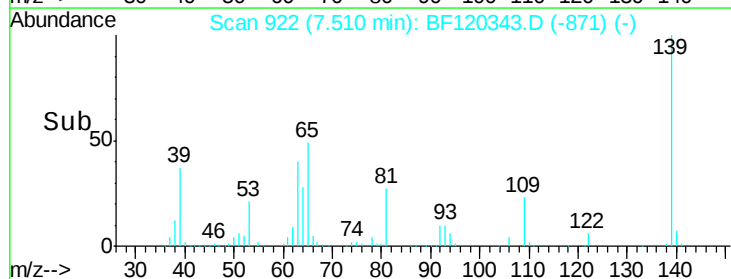
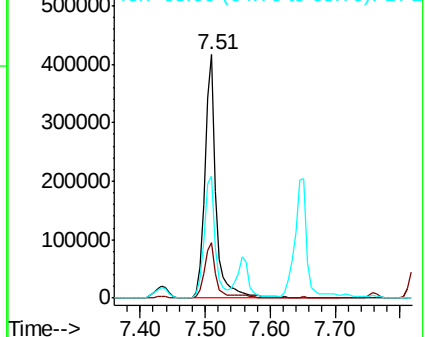
139 100

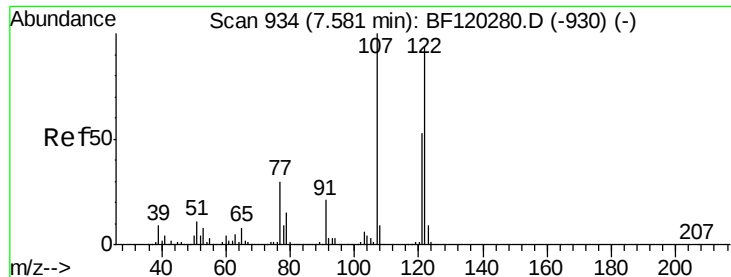
109 23.0 17.7 26.5

65 50.3 38.3 57.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





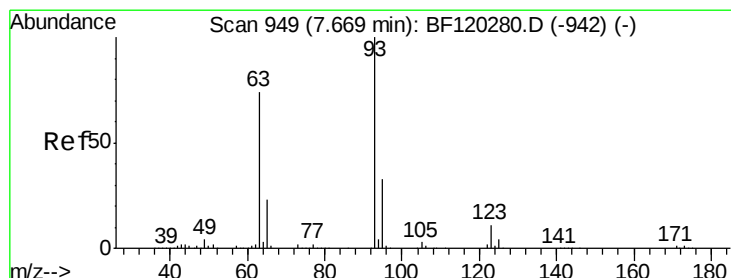
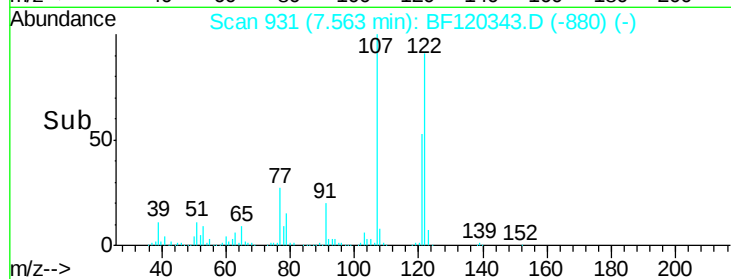
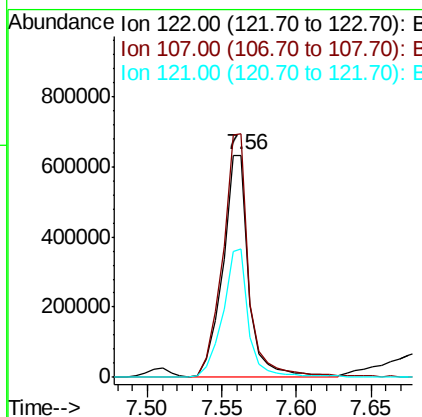
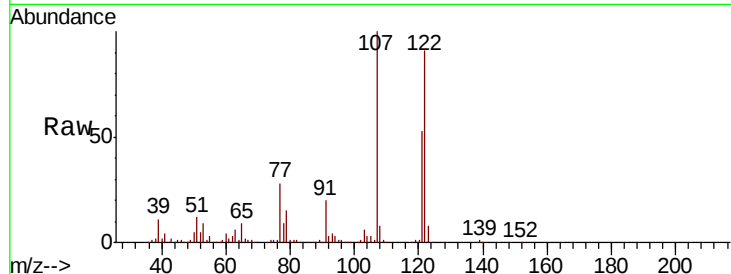
#27
2,4-Dimethylphenol
Concen: 52.057 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	776329		
107	109.7	85.0	127.6	
121	58.0	45.1	67.7	

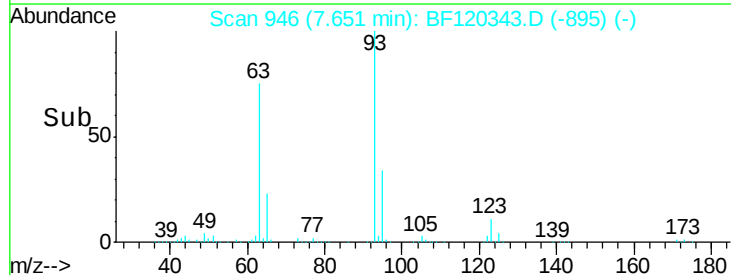
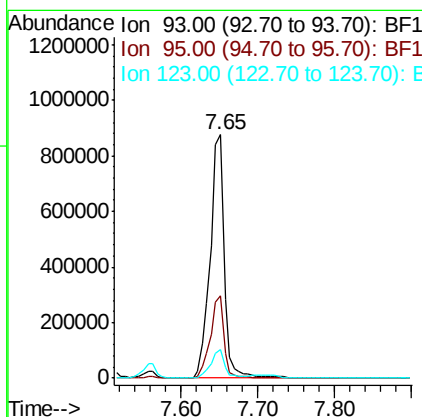
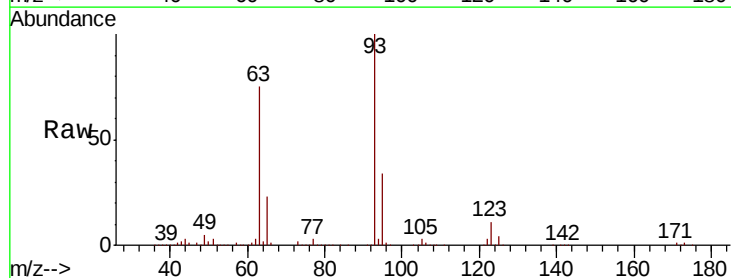
Manual Integrations
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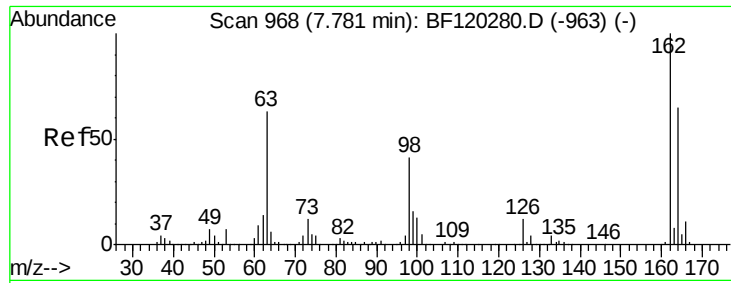
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.041 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1096723		
95	33.6	26.8	40.2	
123	11.5	9.2	13.8	





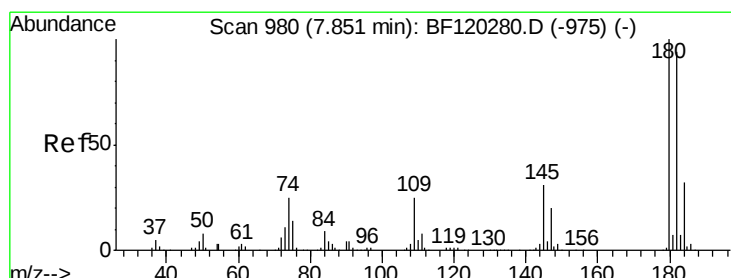
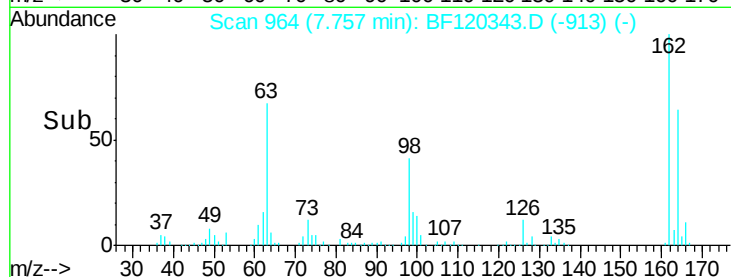
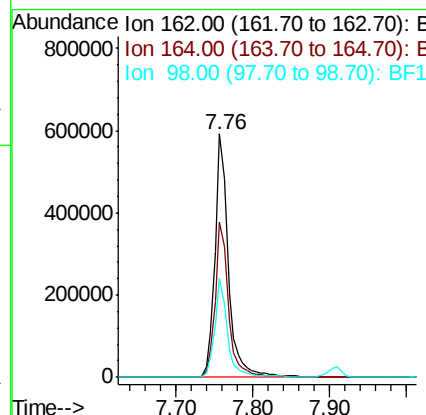
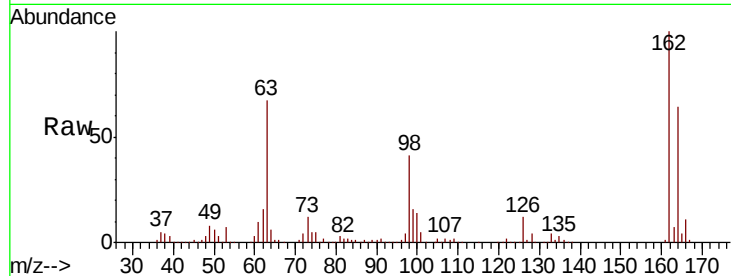
#29
 2,4-Dichlorophenol
 Concen: 46.720 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:	162	Resp:	715579
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.9	84.9
98	40.6	20.7	60.7

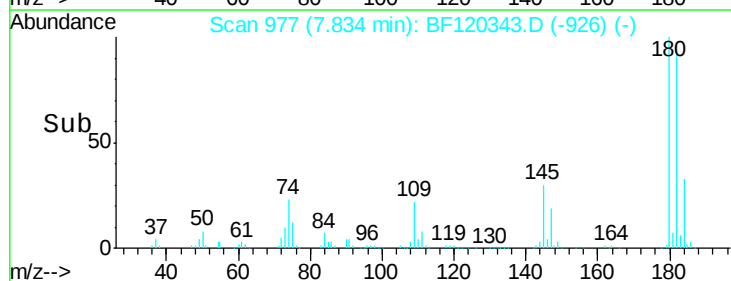
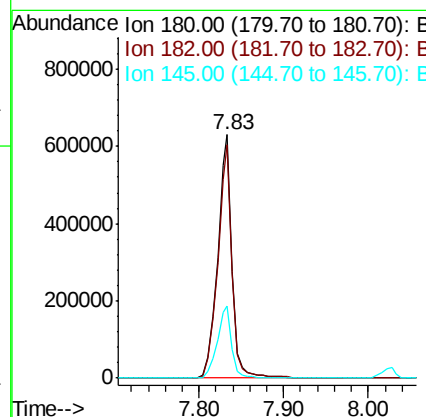
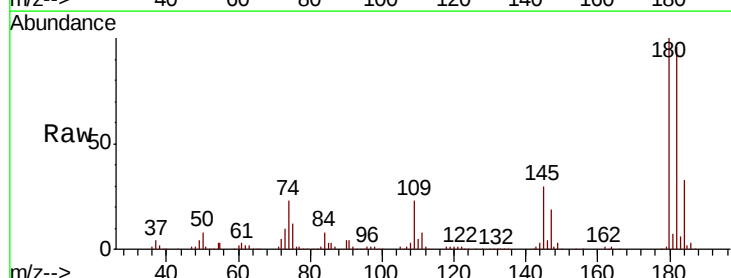
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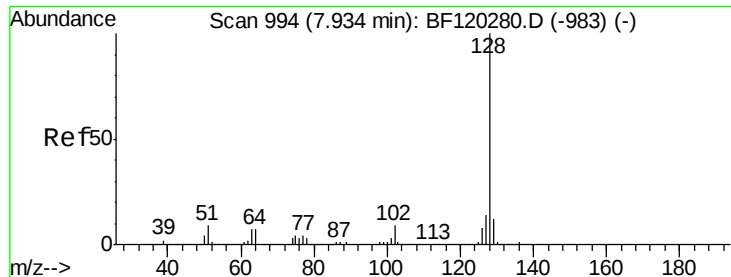
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.920 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	180	Resp:	762421
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.3	112.9
145	29.9	24.9	37.3





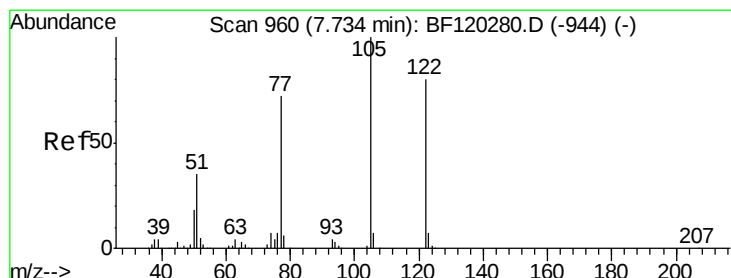
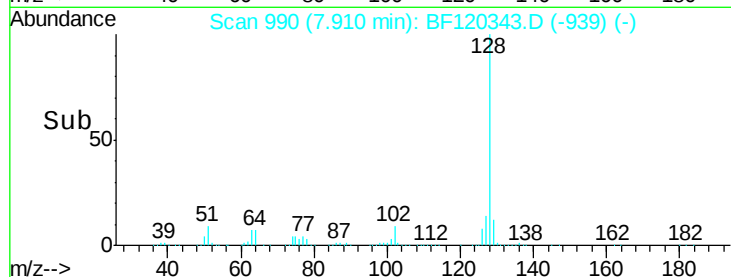
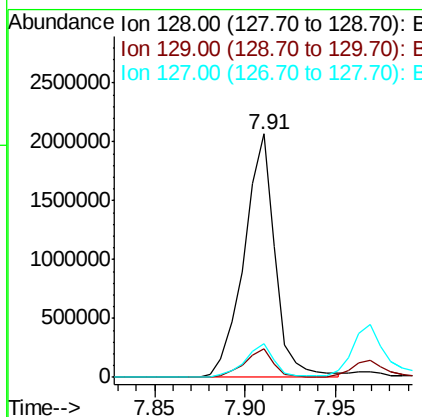
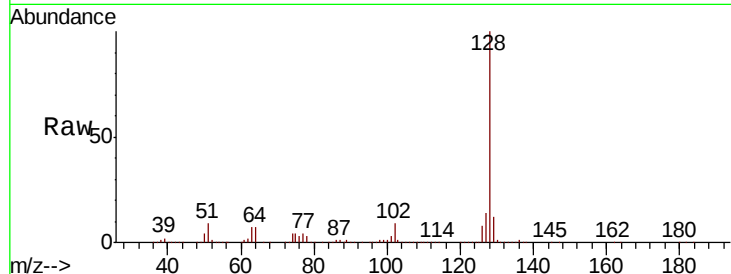
#31
Naphthalene
Concen: 46.680 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampled :
PB128942BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.6	11.2	16.8

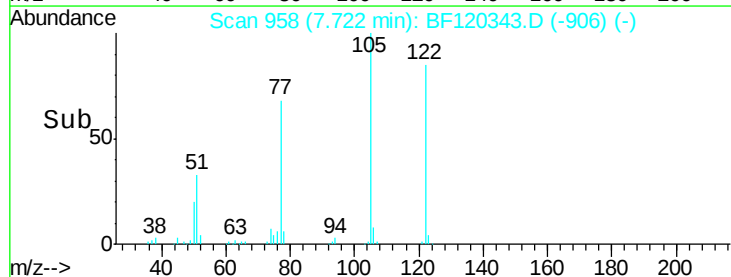
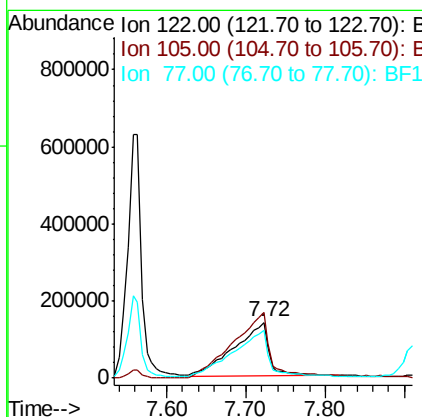
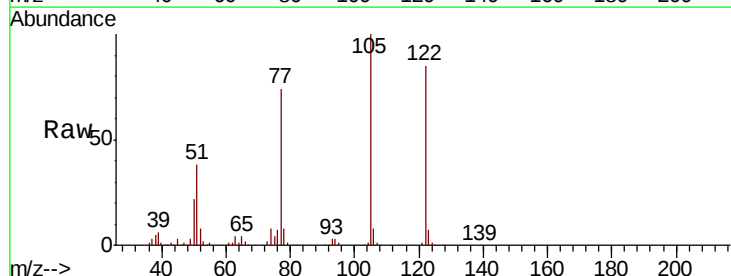
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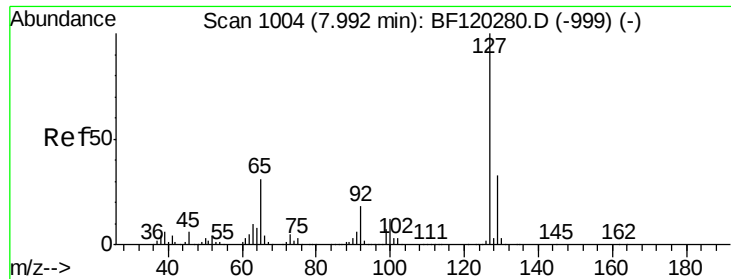
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#32
Benzoic acid
Concen: 44.803 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	98.1	138.1
77	87.1	66.7	106.7





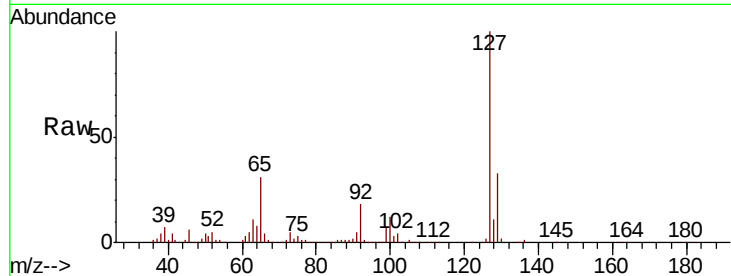
#33
4-Chloroaniline
Concen: 26.214 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

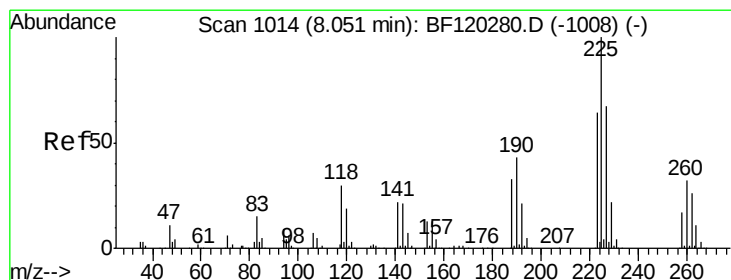
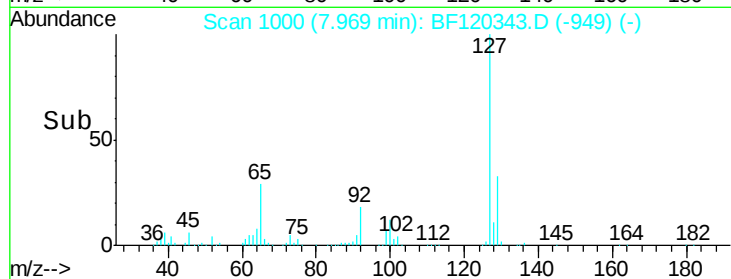
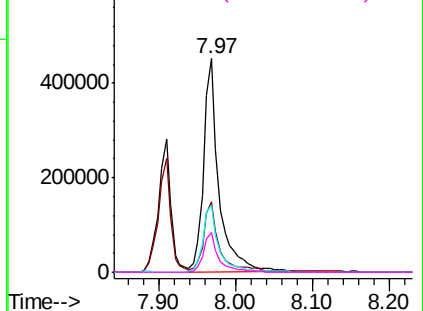
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		628748		
129	32.9	26.4	39.6		
65	31.4	24.8	37.2		
92	18.4	14.5	21.7		

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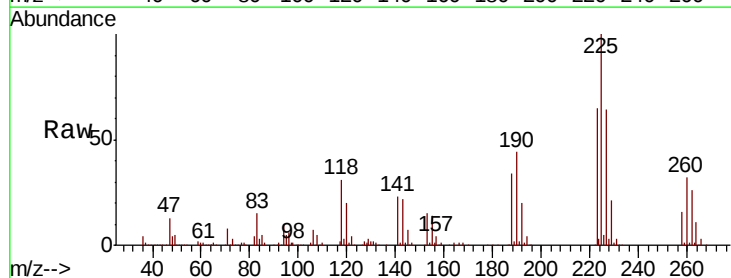


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

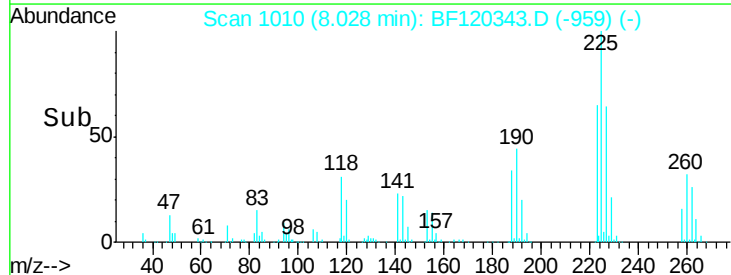
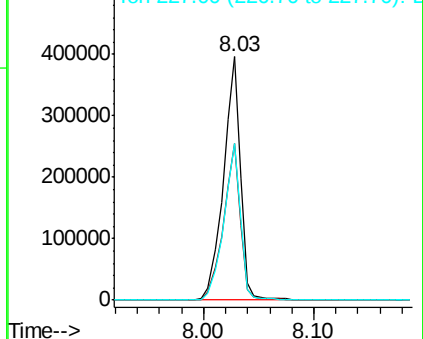


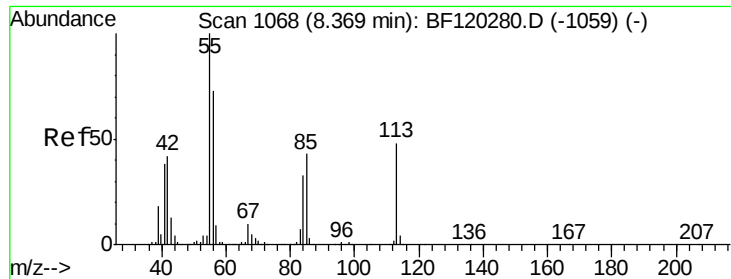
#34
Hexachlorobutadiene
Concen: 43.499 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		426742		
223	64.6	51.4	77.0		
227	64.1	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





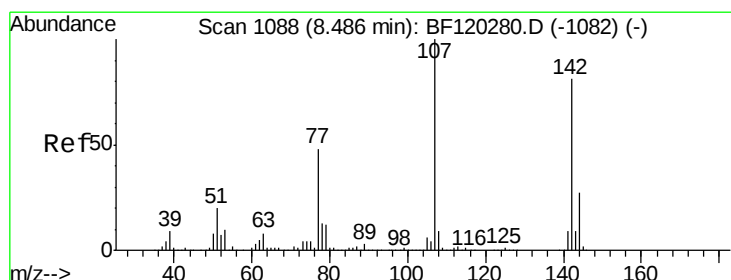
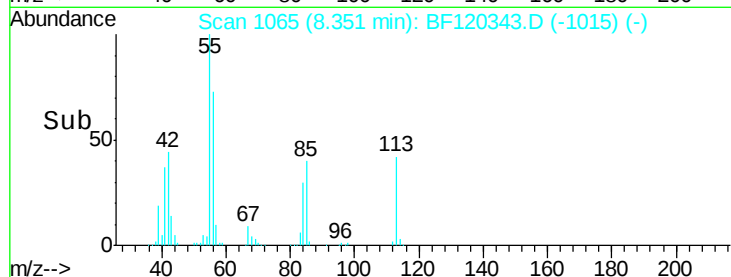
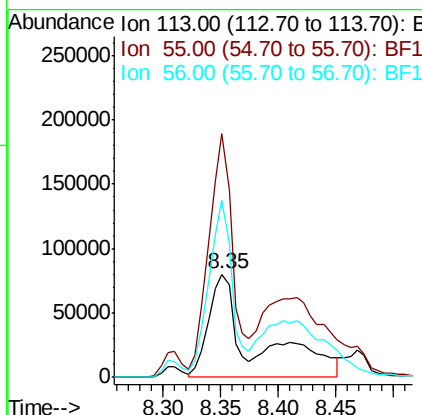
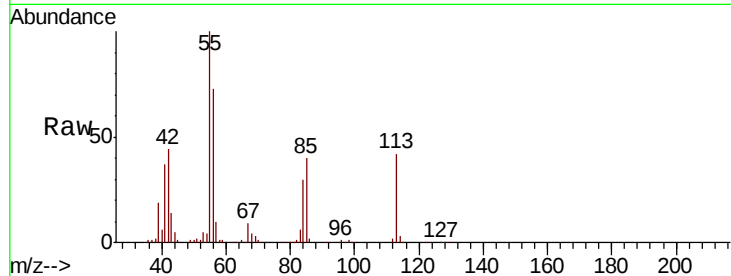
#35
 Caprolactam
 Concen: 44.052 ng/ml
 RT: 8.35 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB128942BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	236.4	190.4	230.4#
56	172.0	132.7	172.7

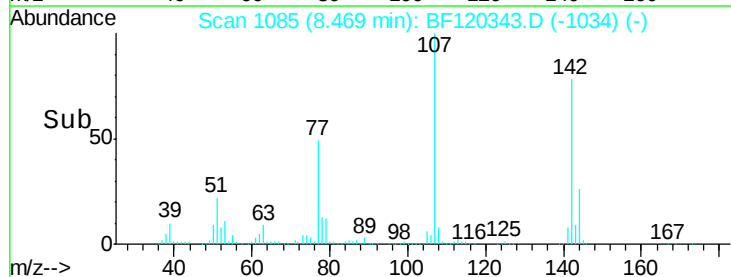
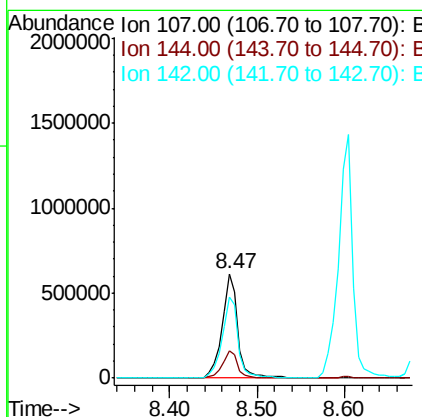
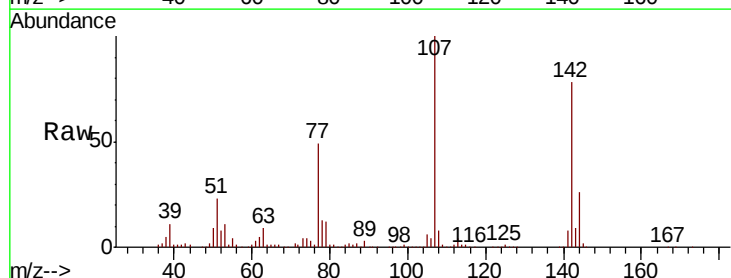
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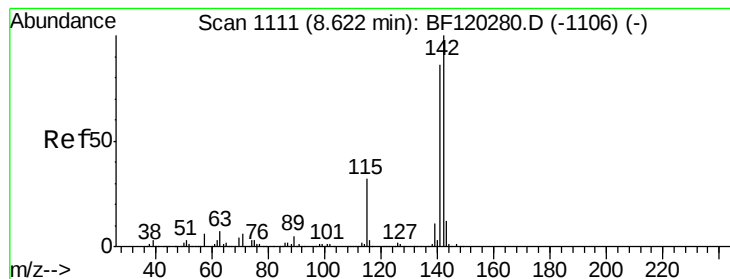
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 46.481 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.4	32.2
142	78.1	65.1	97.7





#37

2-Methylnaphthalene

Concen: 45.320 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:142 Resp: 1632268

Ion Ratio Lower Upper

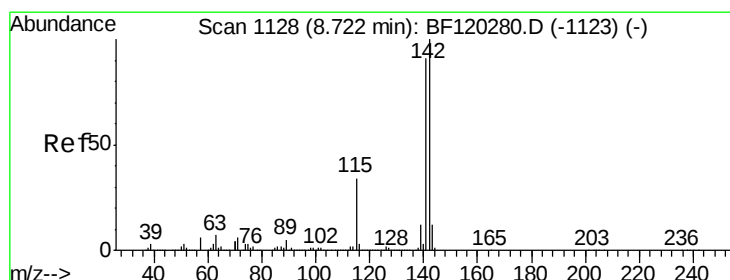
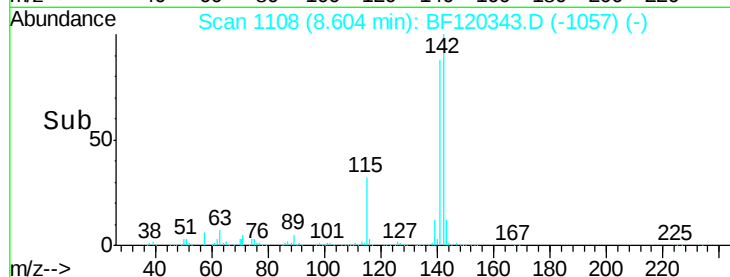
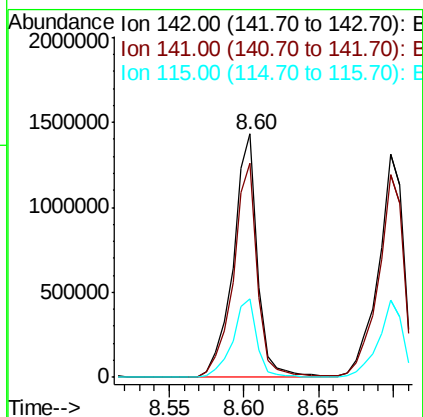
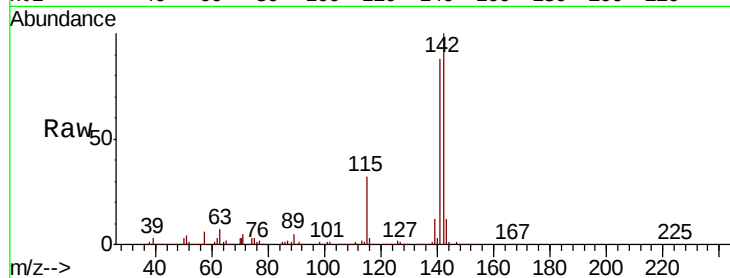
142 100

141 88.2 68.8 103.2

115 32.2 25.7 38.5

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#38

1-Methylnaphthalene

Concen: 45.351 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

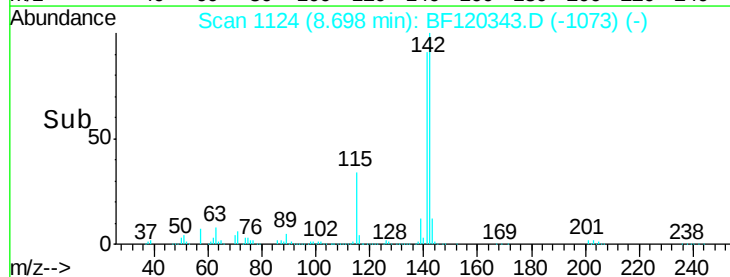
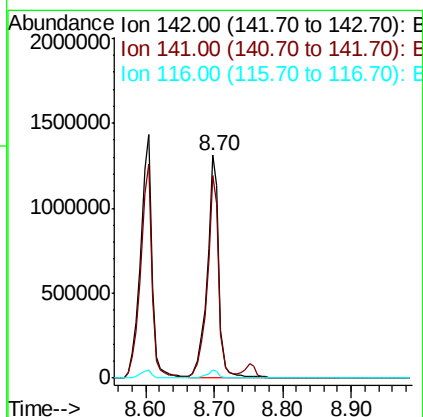
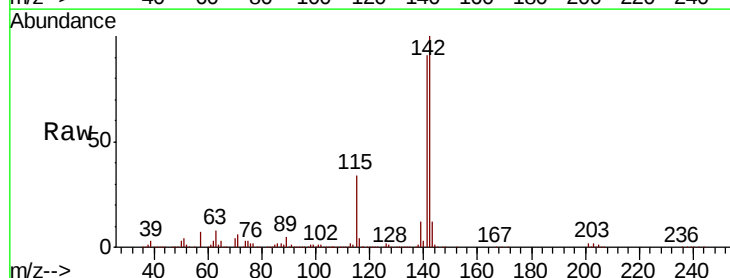
Tgt Ion:142 Resp: 1584225

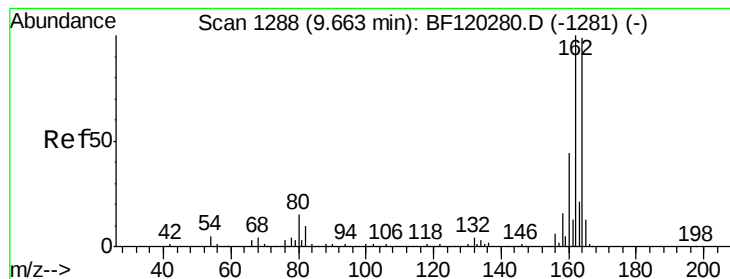
Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

116 3.7 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

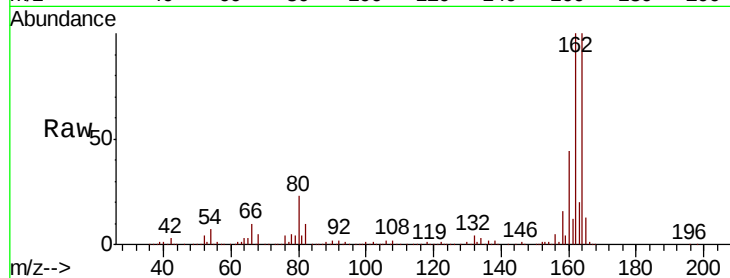
ClientSampleId :

PB128942BS

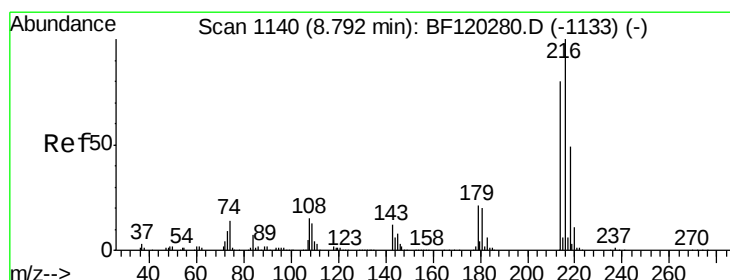
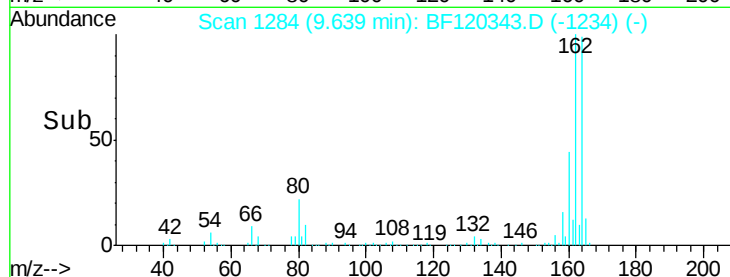
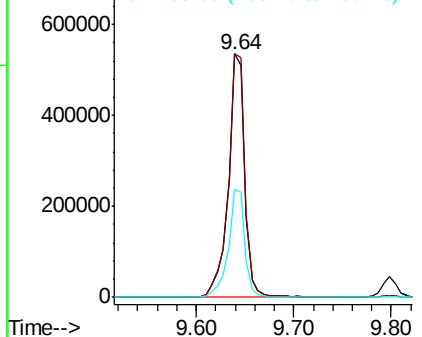
Tot Ion:	164	Resp:	621879
Ion Ratio	Lower	Upper	
164	100		
162	100.2	81.2	121.8
160	44.5	35.8	53.6

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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: 46.510 ng

RT: 8.77 min Scan# 1136

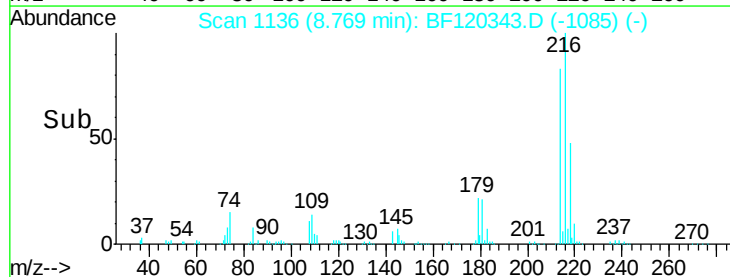
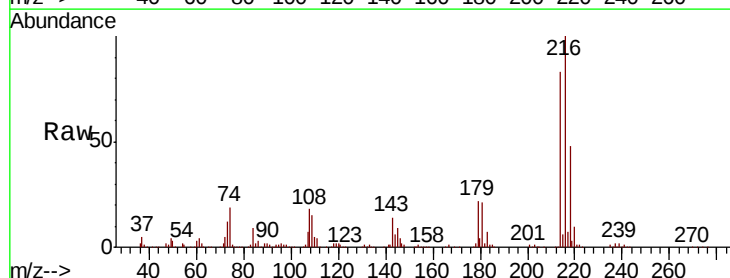
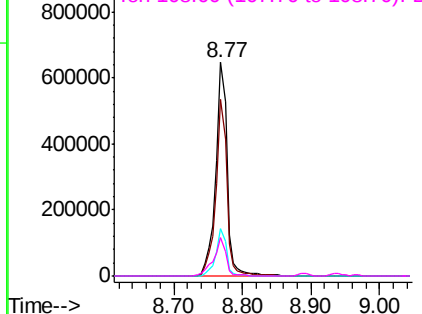
Delta R.T. -0.00 min

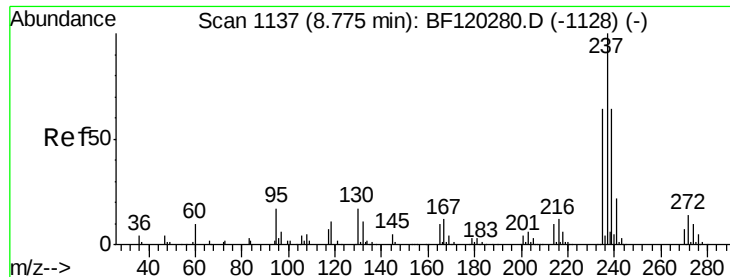
Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:	216	Resp:	729324
Ion Ratio	Lower	Upper	
216	100		
214	80.2	64.0	96.0
179	21.0	16.9	25.3
108	18.7	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: 97.406 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

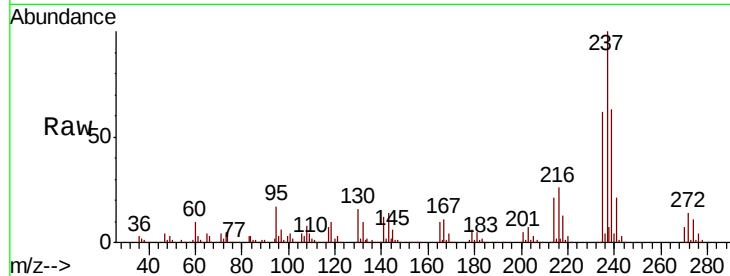
ClientSampleId :

PB128942BS

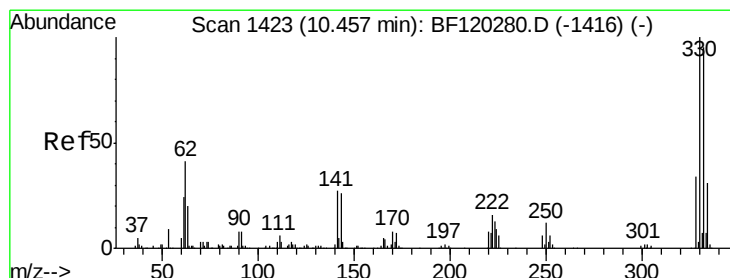
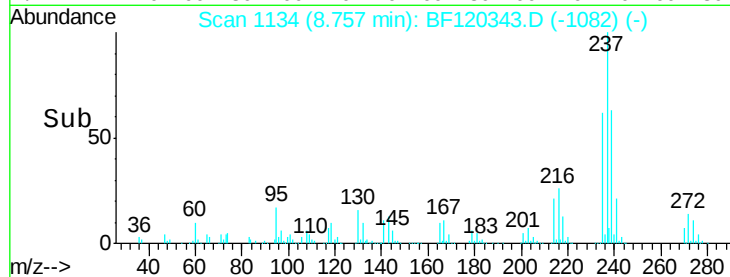
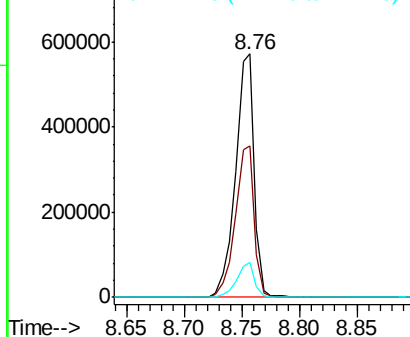
Tot Ion:	237	Resp:	640237
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.8	83.8
272	14.2	0.0	33.9

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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: 99.047 ng

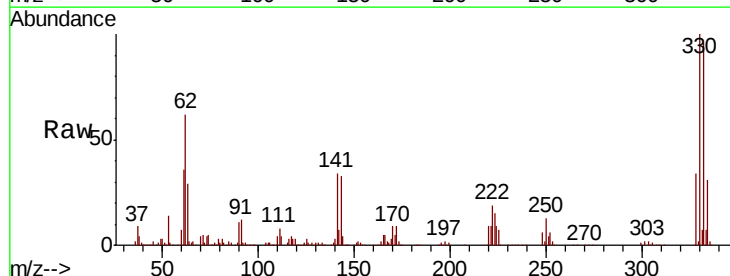
RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

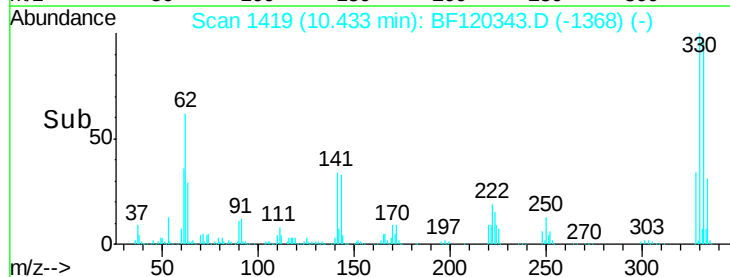
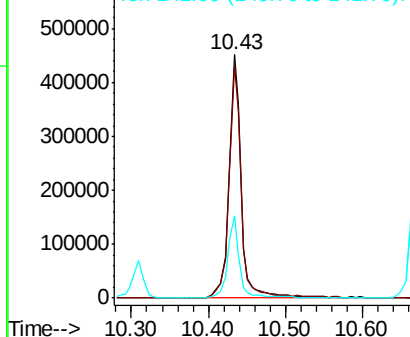
Lab File: BF120343.D

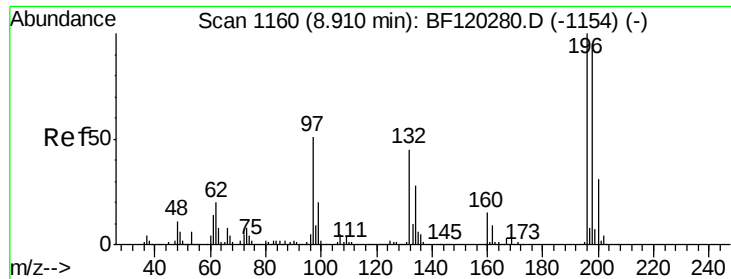
Acq: 18 May 2020 15:56

Tgt Ion:	330	Resp:	502217
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.5	114.7
141	31.6	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





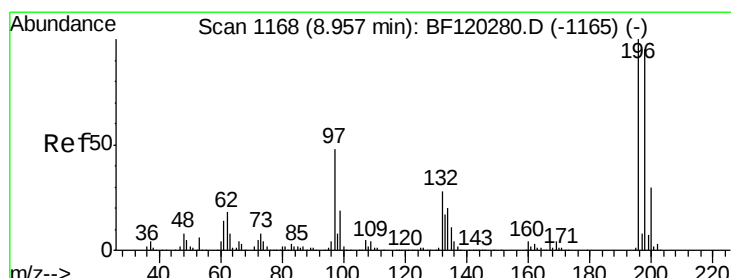
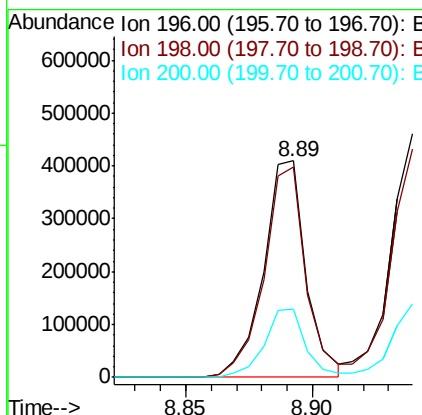
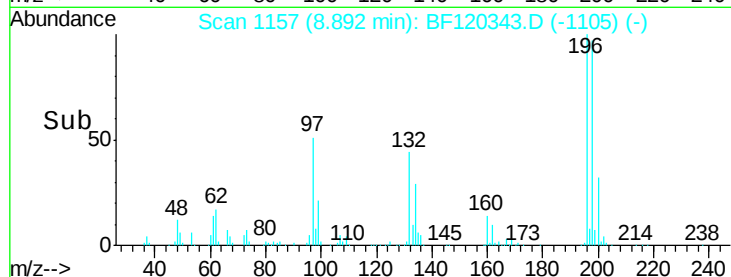
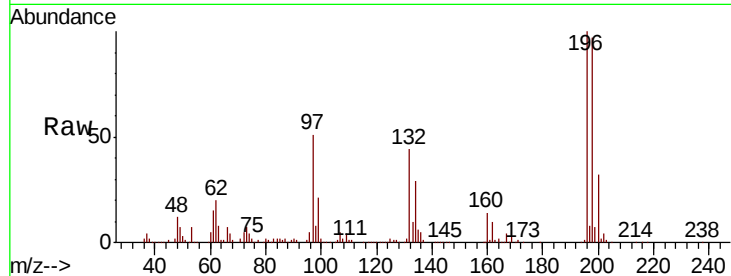
#43
 2,4,6-Trichlorophenol
 Concen: 45.503 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:	196	Resp:	478951
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.2	114.4
200	31.7	24.9	37.3

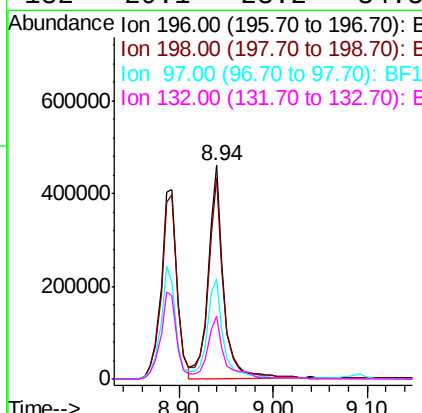
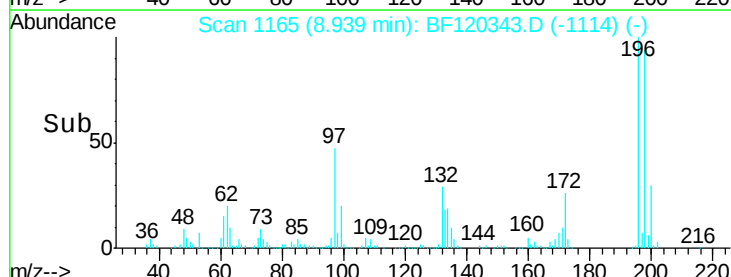
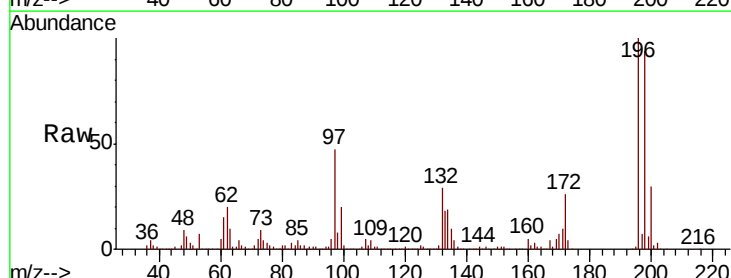
Manual Integrations
 APPROVED

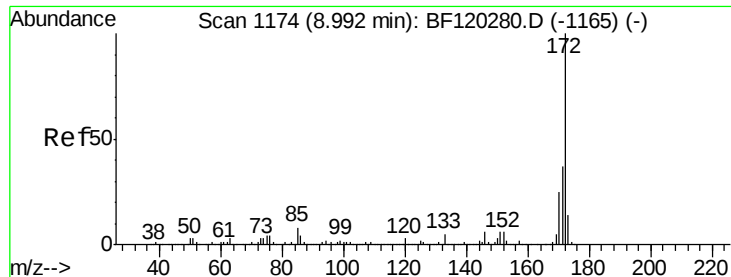
mohammad
 5/19/2020 3:05:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.604 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	196	Resp:	527080
Ion Ratio	Lower	Upper	
196	100		
198	93.8	76.2	114.4
97	46.6	38.6	57.8
132	29.1	23.2	34.8





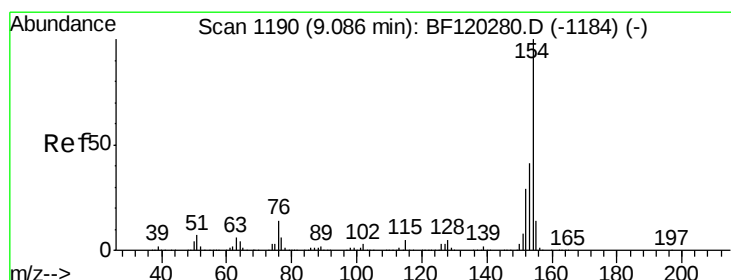
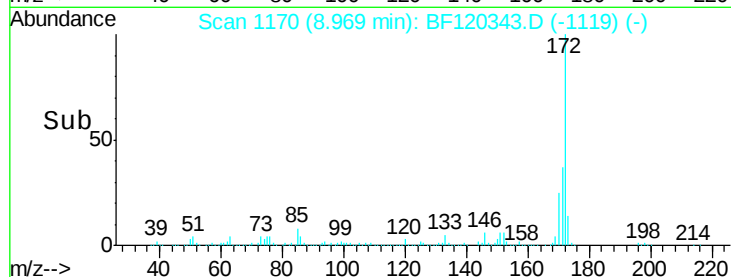
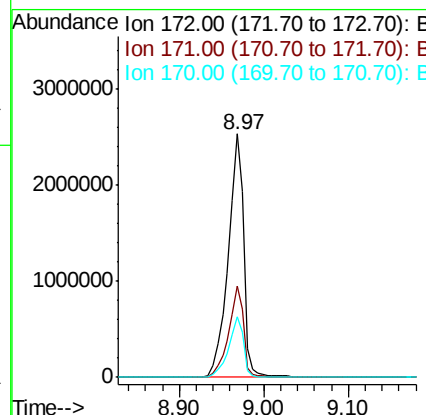
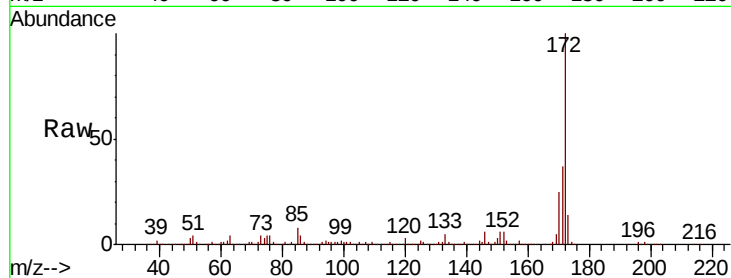
#45
2-Fluorobiphenyl
Concen: 106.204 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.9	29.9

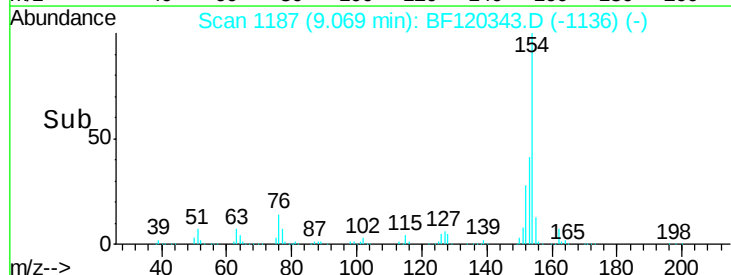
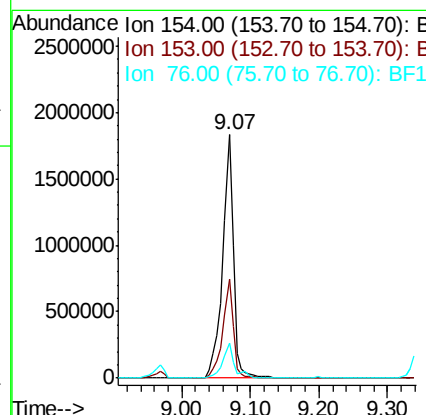
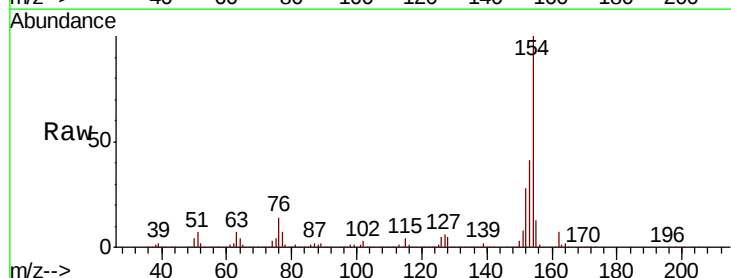
Manual Integrations
APPROVED

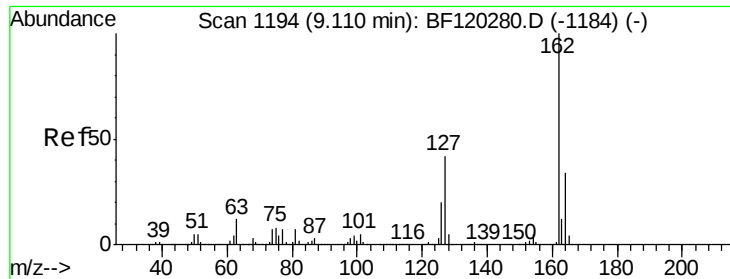
mohammad
5/19/2020 3:05:10 PM



#46
1,1'-Biphenyl
Concen: 48.519 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.8	60.8
76	14.1	0.0	34.3





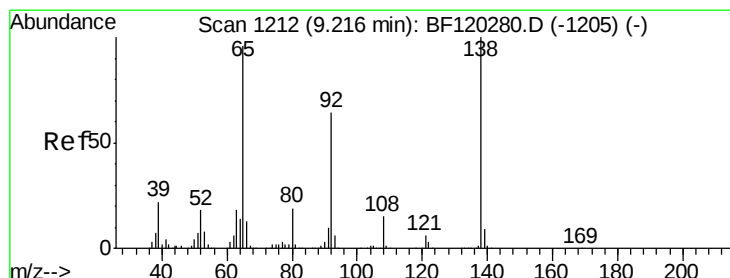
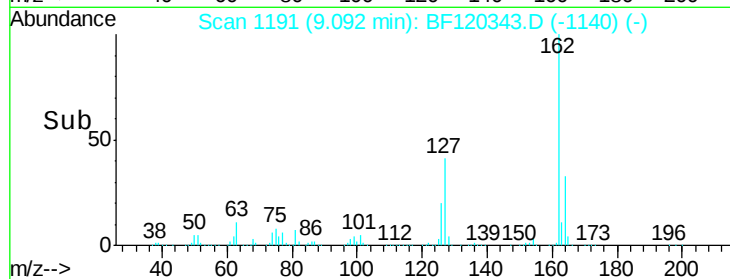
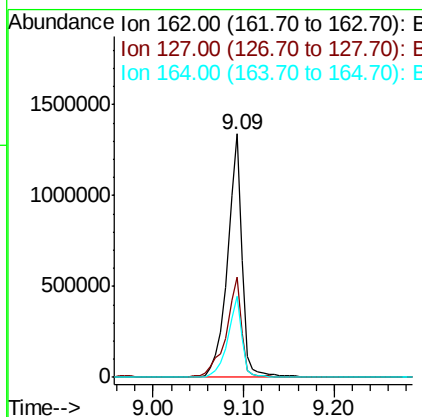
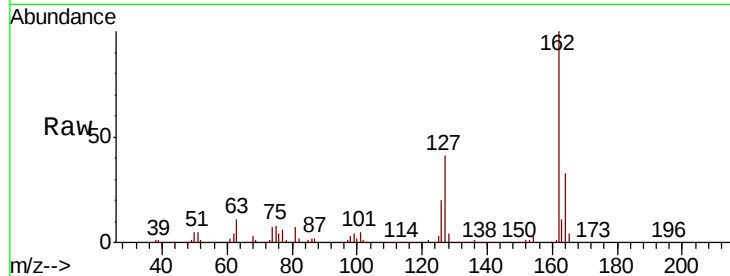
#47
 2-Chloronaphthalene
 Concen: 45.545 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion:	162	Resp:	1488626
Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.0
164	33.1	27.0	40.6

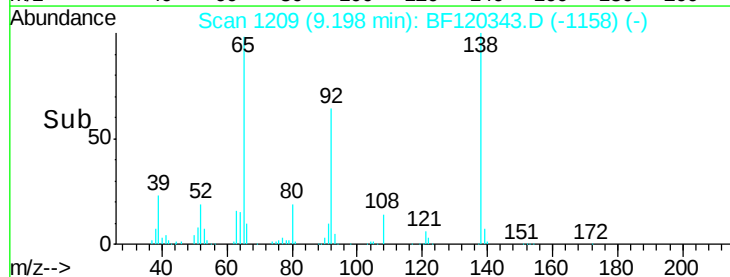
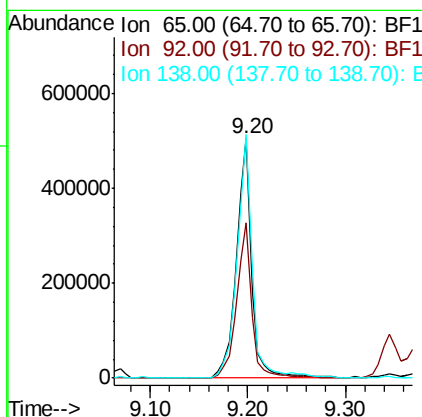
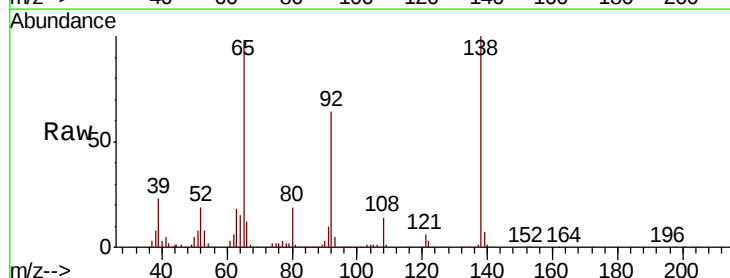
Manual Integrations
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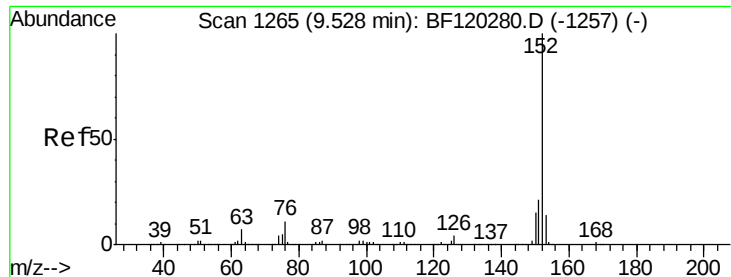
mohammad
 5/19/2020 3:05:10 PM



#48
 2-Nitroaniline
 Concen: 46.182 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	65	Resp:	550735
Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.9	79.3
138	101.8	83.0	124.4





#49

Acenaphthylene

Concen: 47.496 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampled :

PB128942BS

Tot Ion:152 Resp: 2371333

Ion Ratio Lower Upper

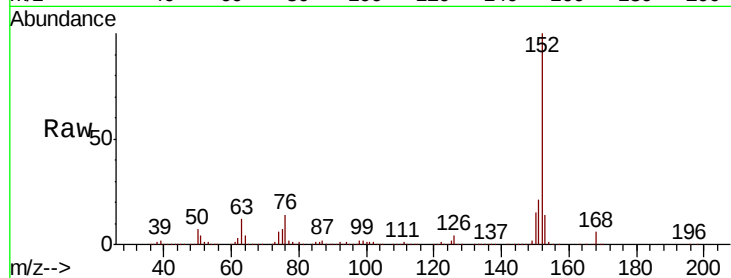
152 100

151 20.7 16.6 25.0

153 13.8 11.1 16.7

Manual Integrations
APPROVED

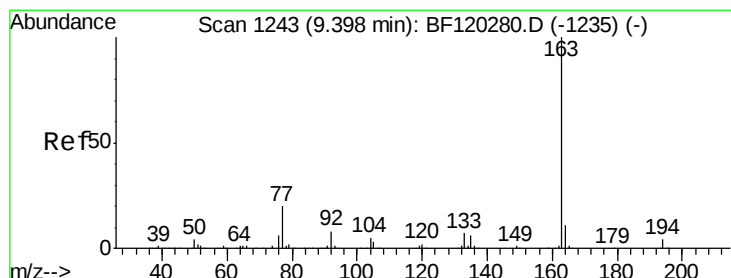
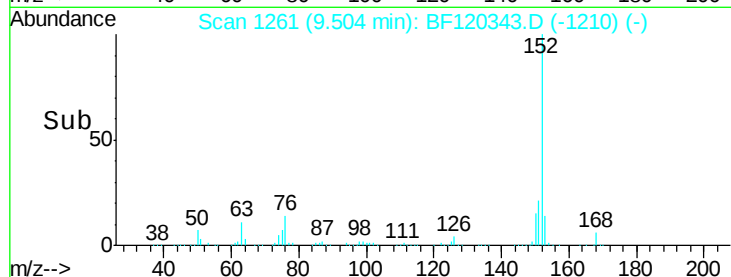
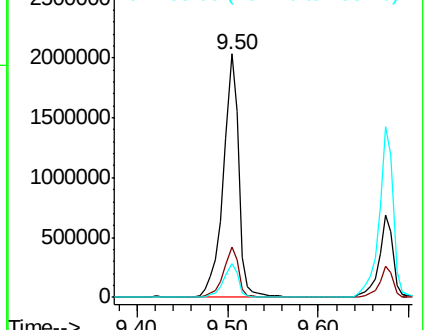
mohammad
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.557 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

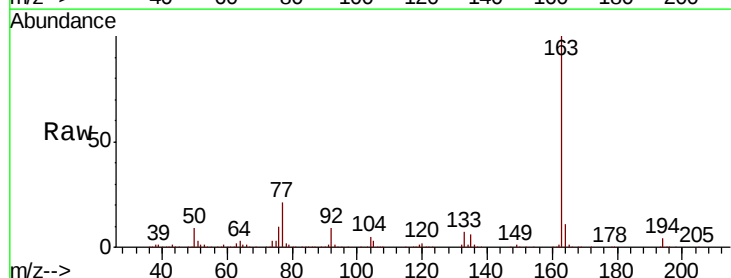
Tgt Ion:163 Resp: 1751628

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

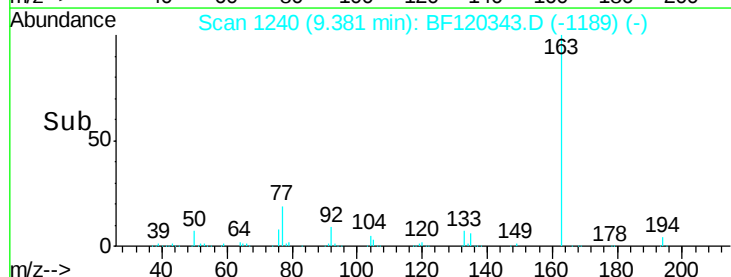
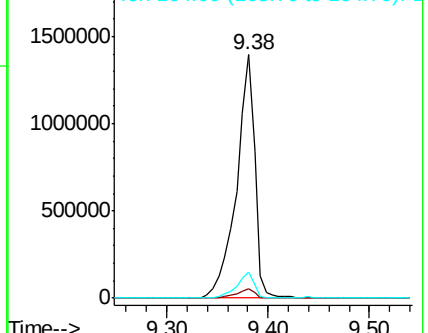
164 10.6 8.6 12.8

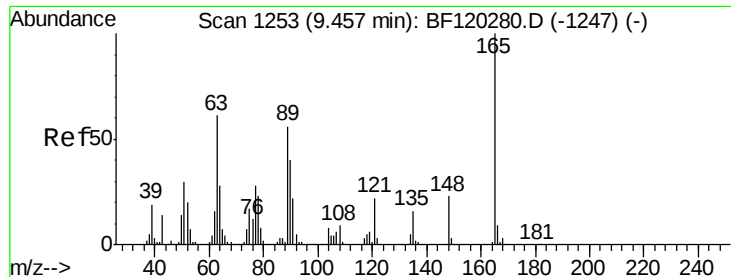


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





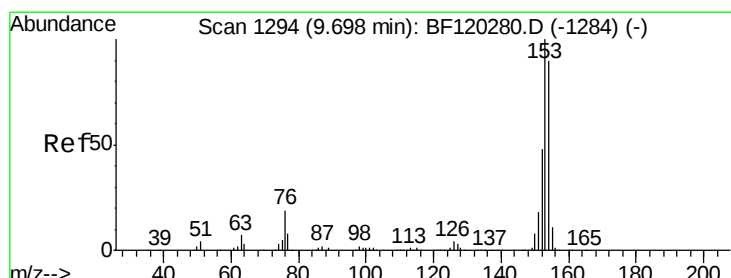
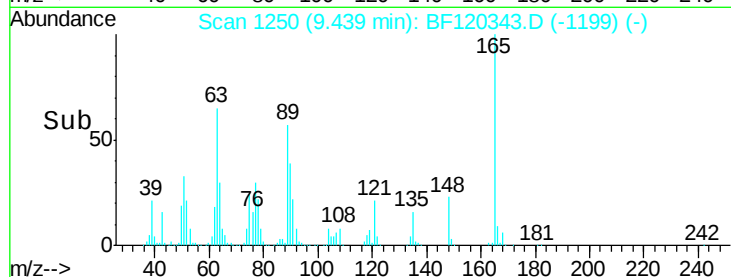
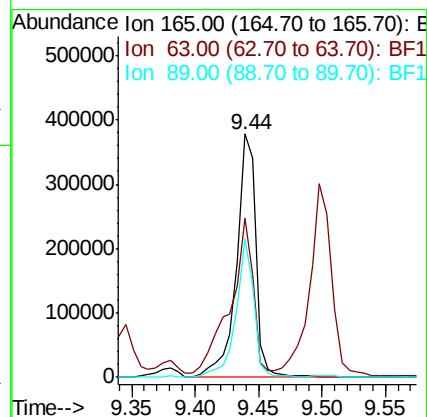
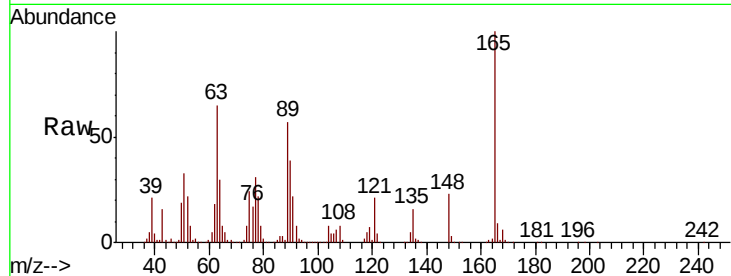
#51
2,6-Dinitrotoluene
Concen: 45.035 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	395134		
63	65.5	50.2	75.2	
89	56.7	44.6	66.8	

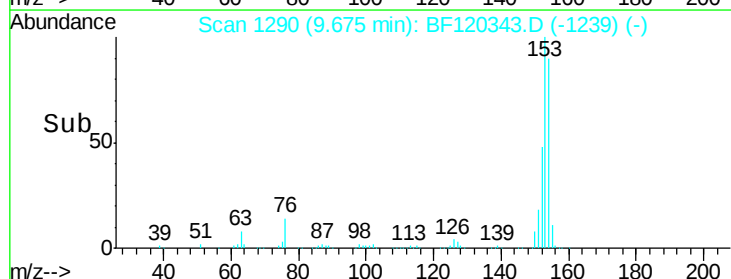
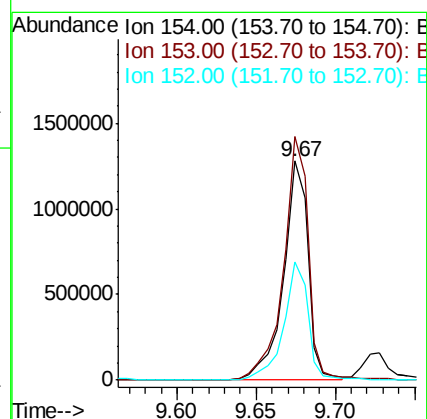
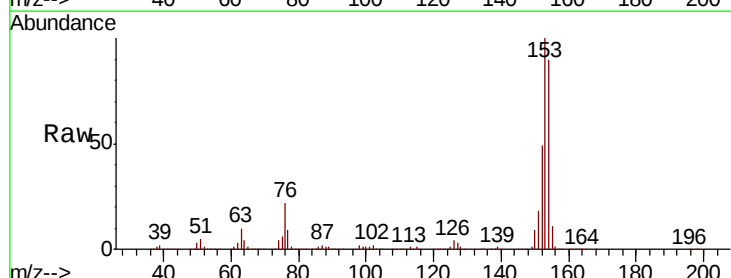
Manual Integrations
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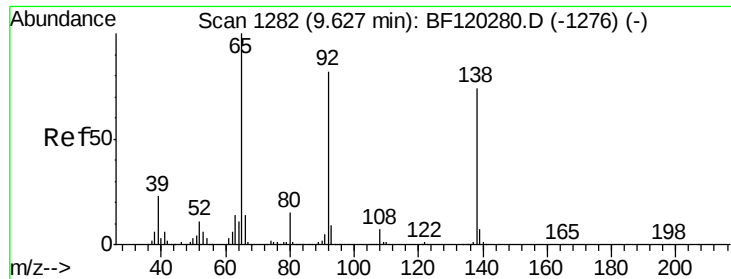
mohammad
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#52
Acenaphthene
Concen: 45.868 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1372675		
153	111.3	89.0	133.4	
152	54.0	42.6	64.0	





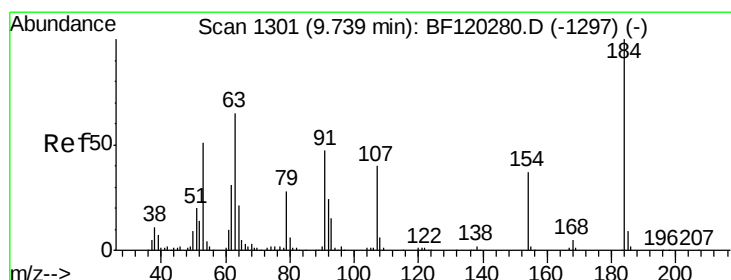
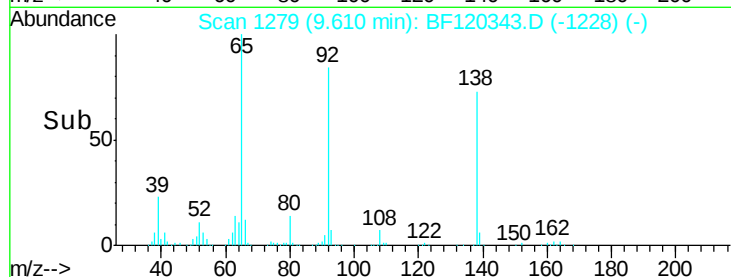
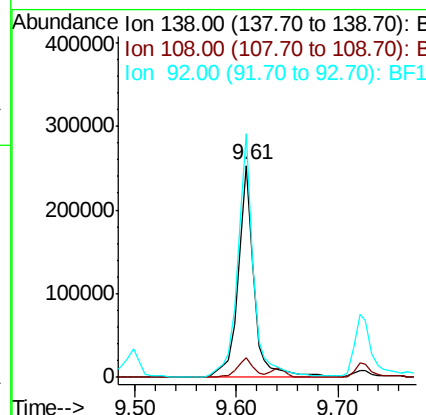
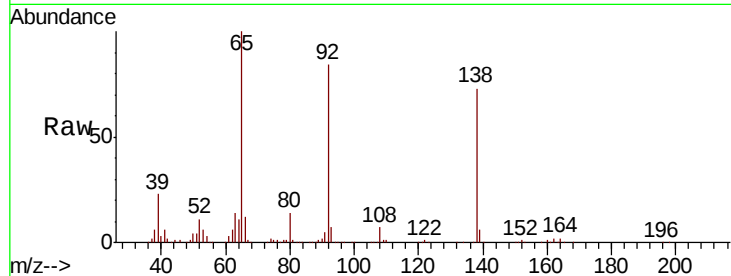
#53
3-Nitroaniline
Concen: 26.408 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	276305		
108	9.5	8.2	12.2	
92	114.9	89.6	134.4	

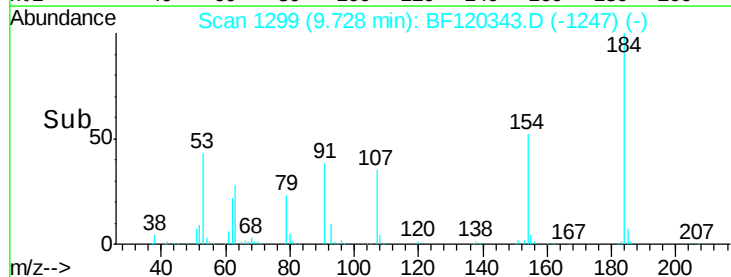
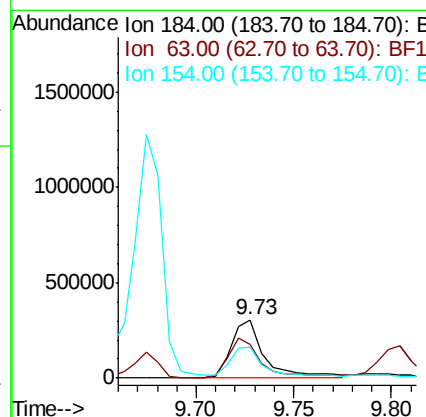
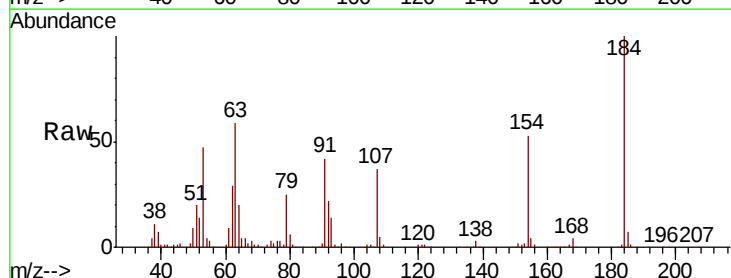
Manual Integrations
APPROVED

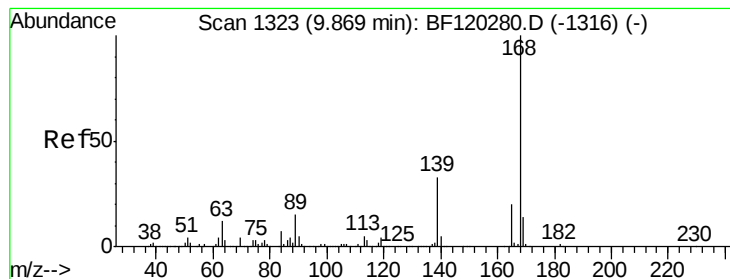
mohammad
5/19/2020 3:05:10 PM



#54
2,4-Dinitrophenol
Concen: 88.755 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	367590		
63	58.6	53.6	80.4	
154	52.7	46.8	70.2	





#55

Dibenzofuran

Concen: 46.609 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampled :

PB128942BS

Tot Ion:168 Resp: 2008680

Ion Ratio Lower Upper

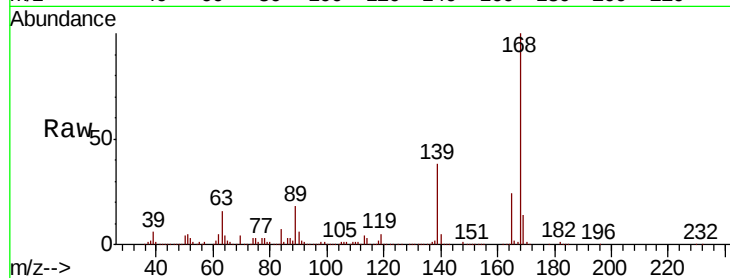
168 100

139 37.5 29.8 44.6

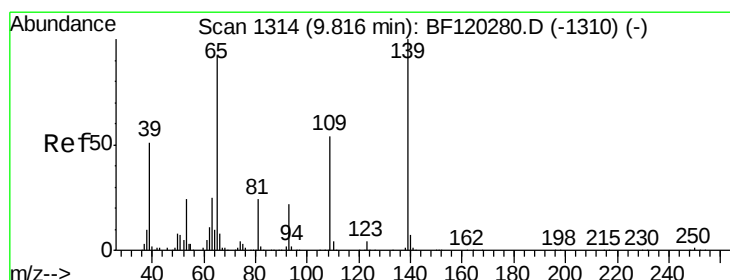
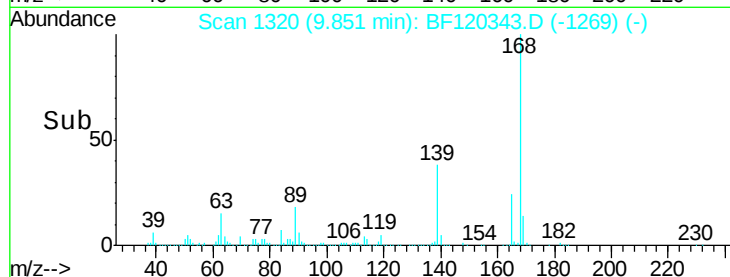
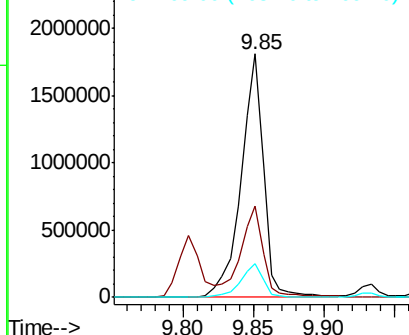
169 13.9 11.0 16.6

Manual Integrations
APPROVED

mohammad
5/19/2020 3:05:10 PM



Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.781 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

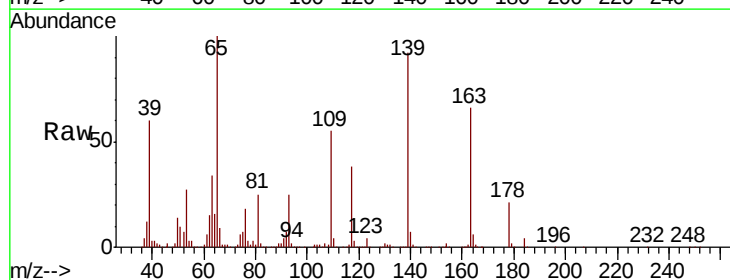
Tgt Ion:139 Resp: 493512

Ion Ratio Lower Upper

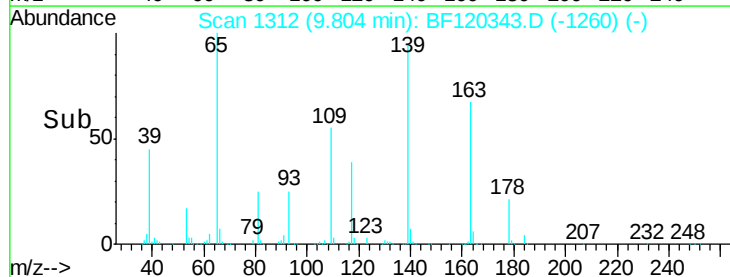
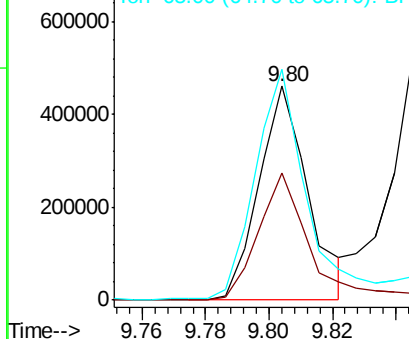
139 100

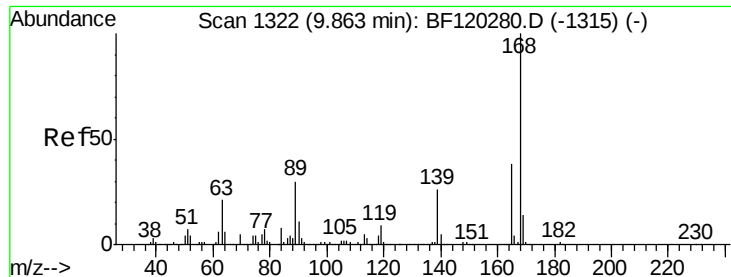
109 59.2 34.6 74.6

65 108.1 73.3 113.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





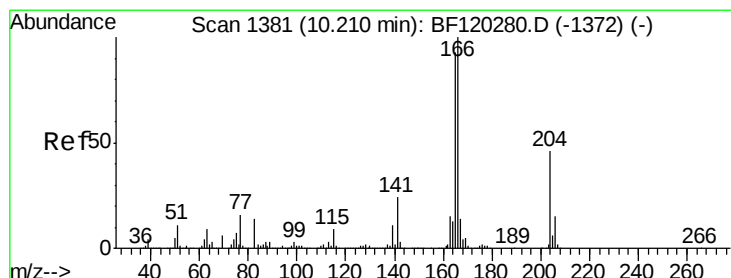
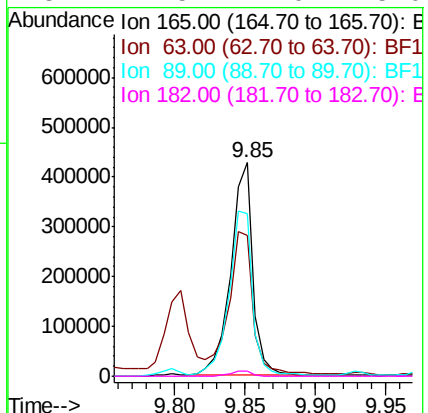
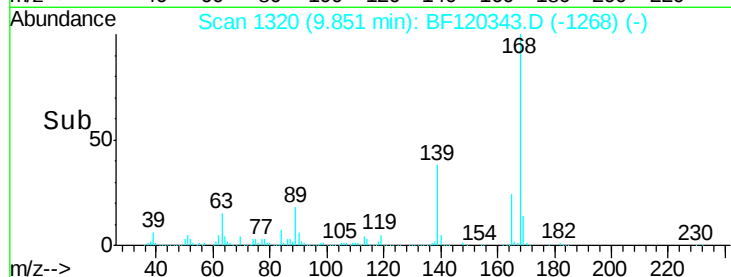
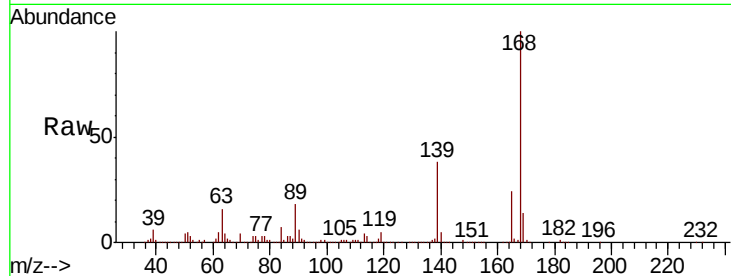
#57
 2,4-Dinitrotoluene
 Concen: 45.305 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	466296		
63	65.7	51.8	77.8	
89	76.4	64.2	96.4	
182	2.5	2.0	3.0	

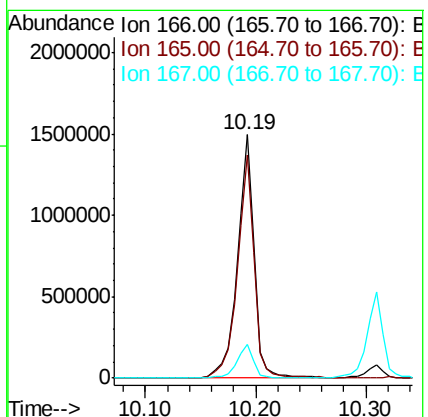
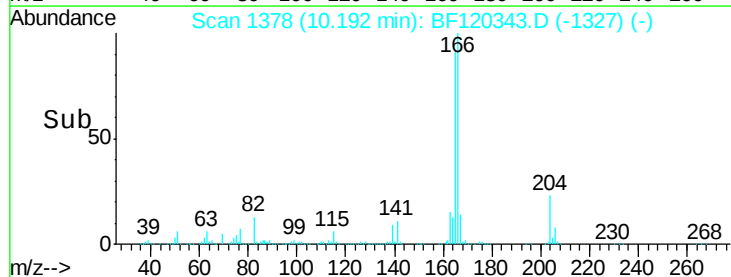
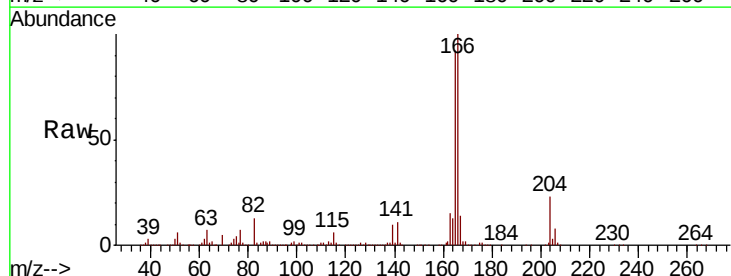
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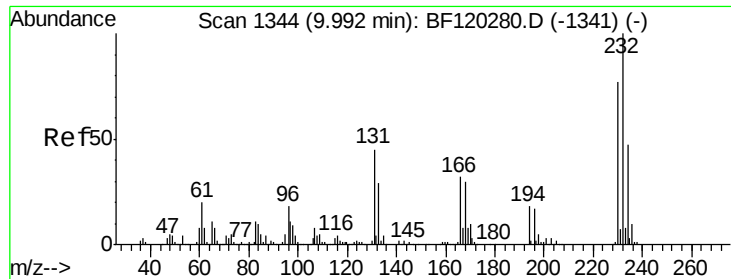
mohammad
 5/19/2020 3:05:10 PM



#58
 Fluorene
 Concen: 48.169 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1580932		
165	91.6	74.7	112.1	
167	13.9	11.4	17.0	





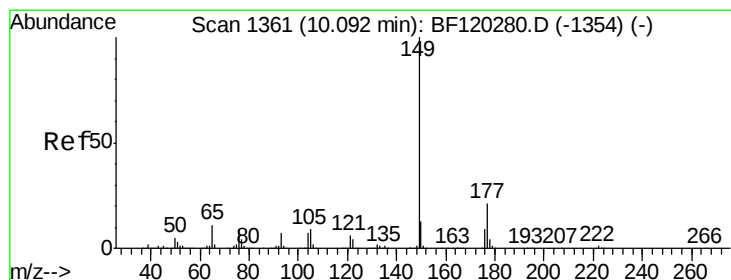
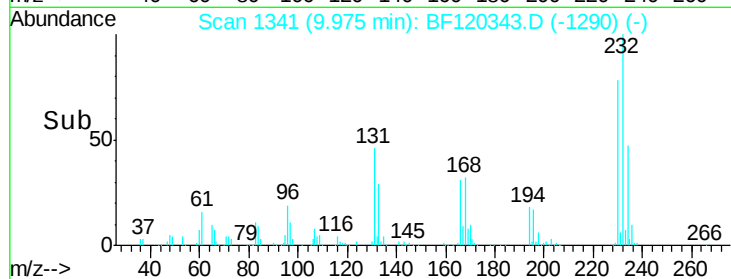
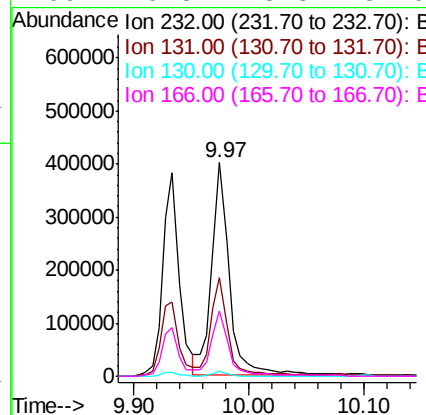
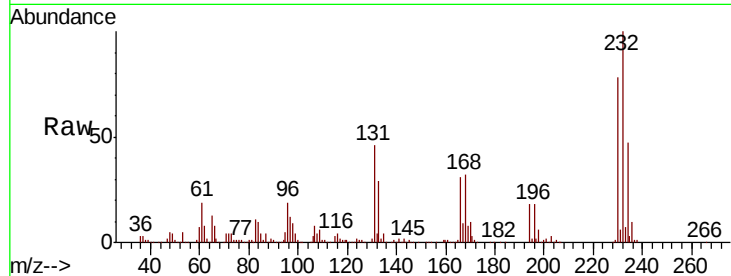
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.324 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB128942BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		430503		
131	44.0	34.1	51.1		
130	2.1	1.7	2.5		
166	29.3	23.3	34.9		

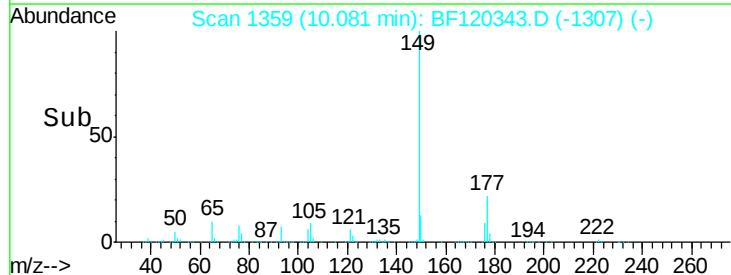
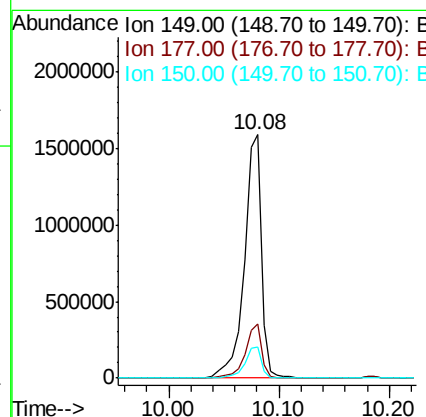
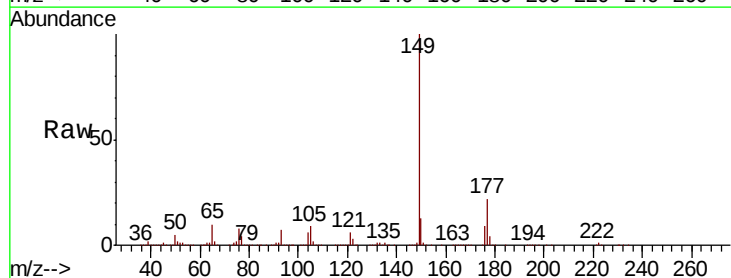
Manual Integrations
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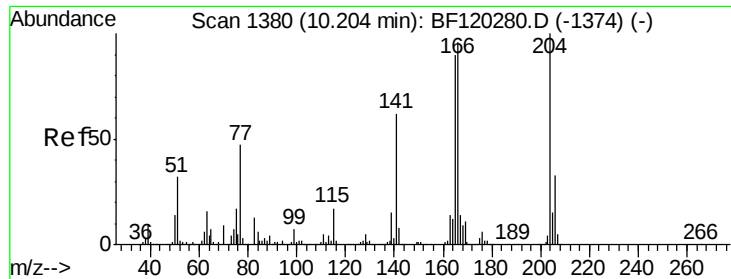
mohammad
 5/19/2020 3:05:10 PM



#60
 Diethylphthalate
 Concen: 45.887 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1741519		
177	22.3	17.1	25.7		
150	12.7	10.3	15.5		





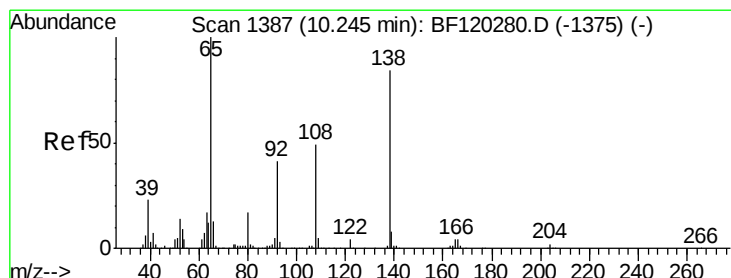
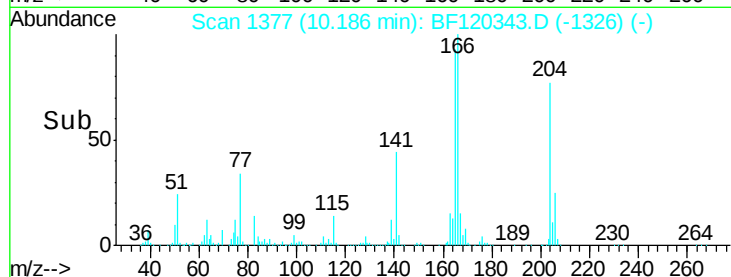
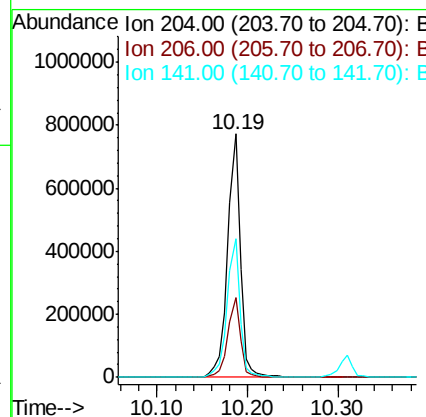
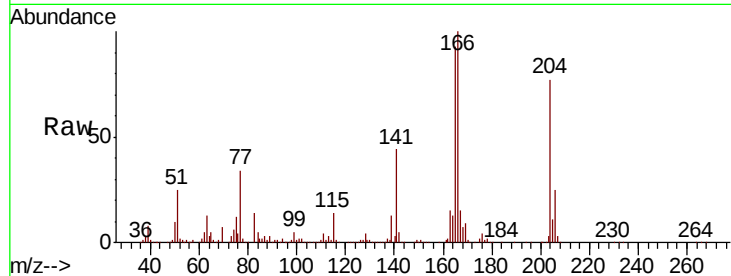
#61
 4-Chlorophenyl-phenylether
 Concen: 44.144 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampled :
 PB128942BS

Tot Ion:	204	Resp:	753282
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.8	40.2
141	57.1	49.5	74.3

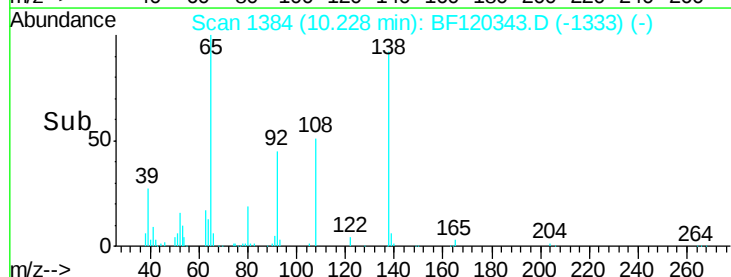
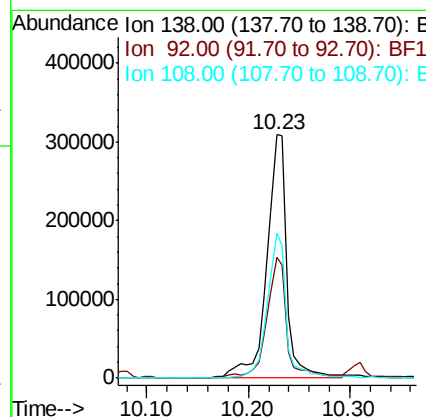
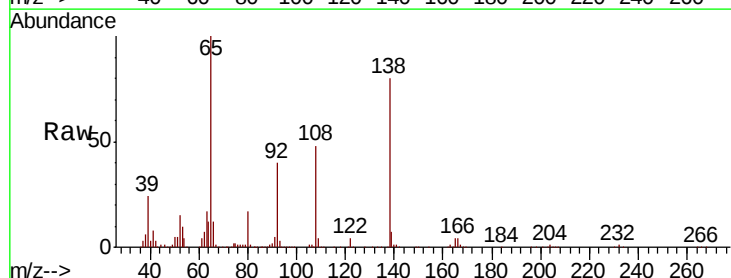
Manual Integrations
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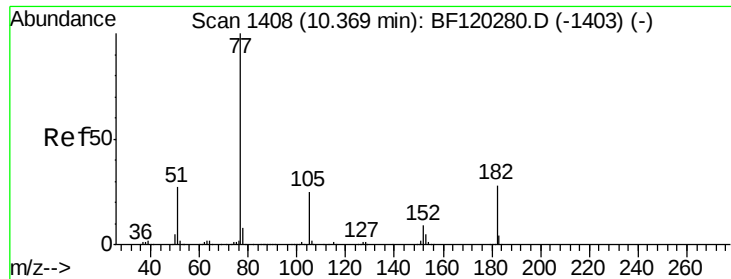
mohammad
 5/19/2020 3:05:10 PM



#62
 4-Nitroaniline
 Concen: 44.152 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion:	138	Resp:	430179
Ion Ratio	Lower	Upper	
138	100		
92	49.7	28.9	68.9
108	59.4	38.4	78.4





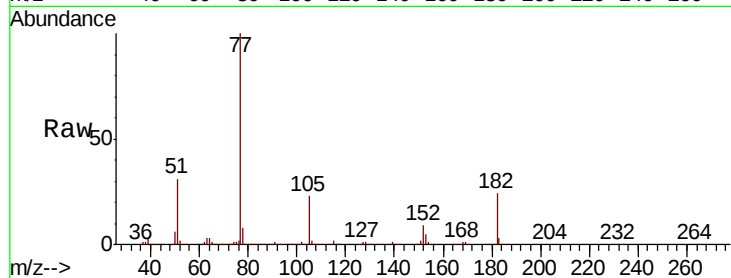
#63
Azobenzene
Concen: 46.448 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.0	7.4	47.4	
105	23.1	4.4	44.4	
51	31.1	8.3	48.3	

Manual Integrations
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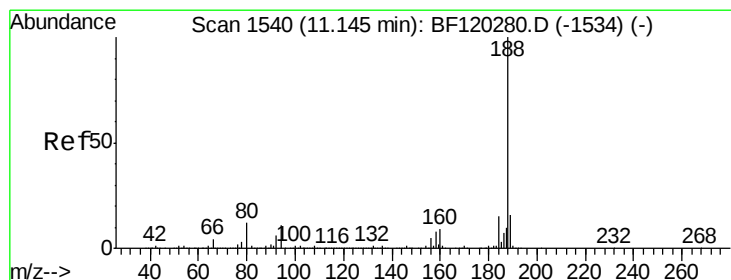
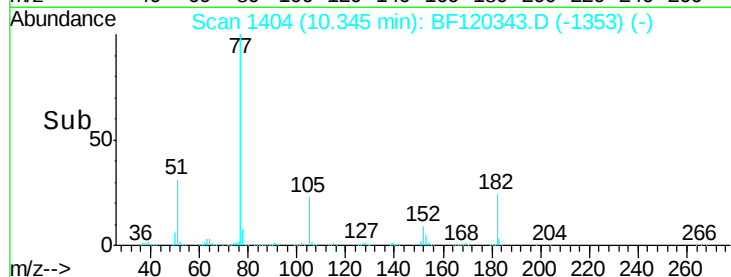
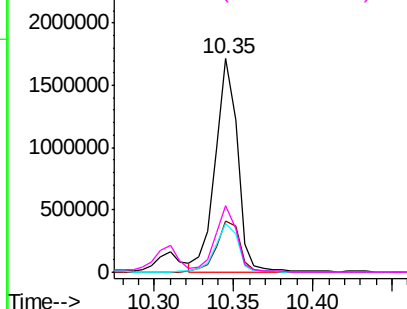
Abundance

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: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

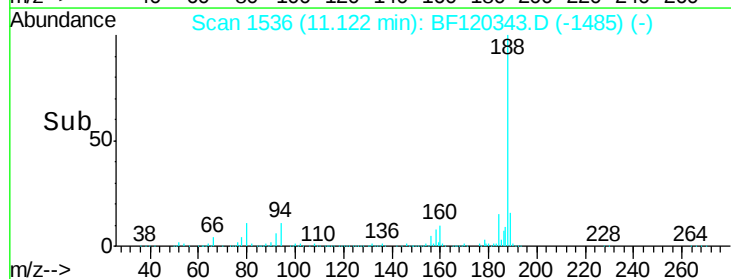
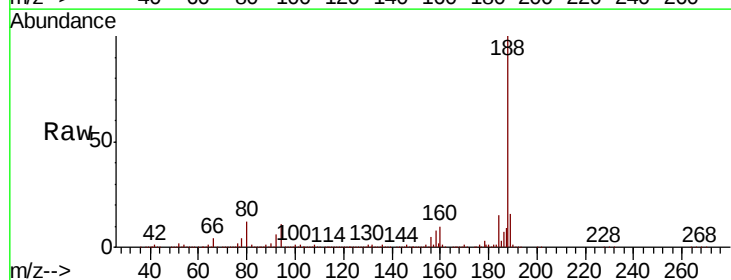
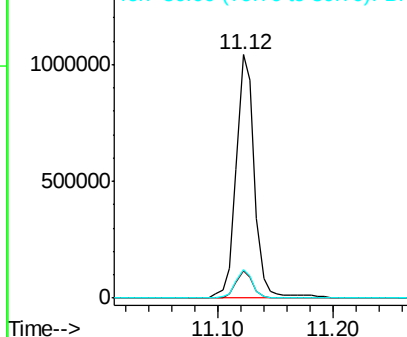
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.2	8.6	13.0	
80	11.5	9.2	13.8	

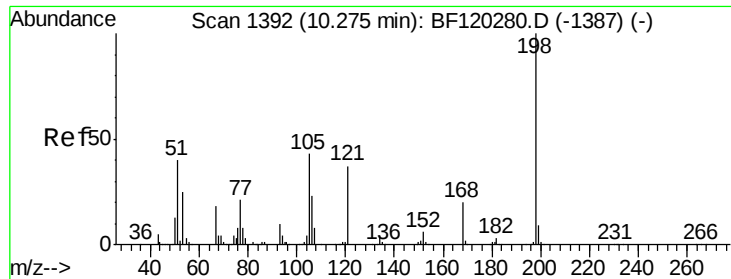
Abundance

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: 46.974 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:198 Resp: 273183

Ion Ratio Lower Upper

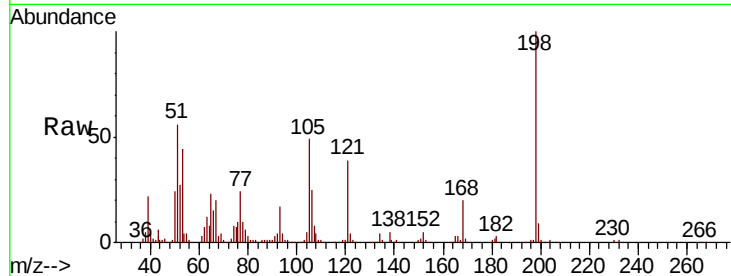
198 100

51 56.0 27.1 67.1

105 48.7 24.3 64.3

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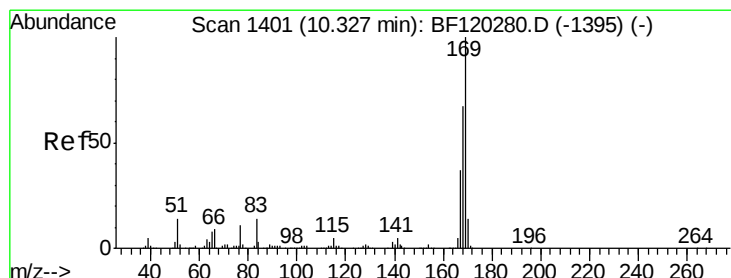
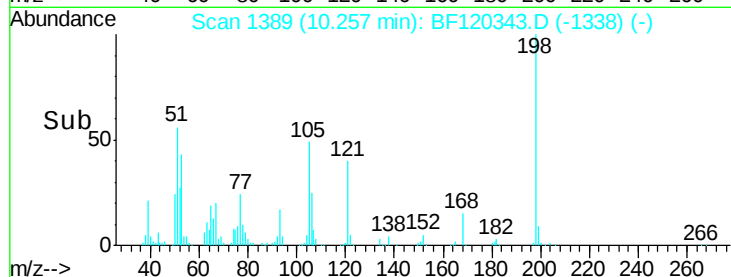
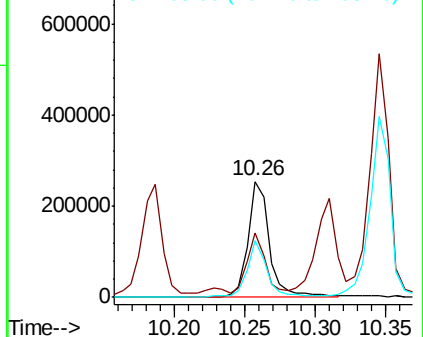
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.917 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:169 Resp: 1492605

Ion Ratio Lower Upper

169 100

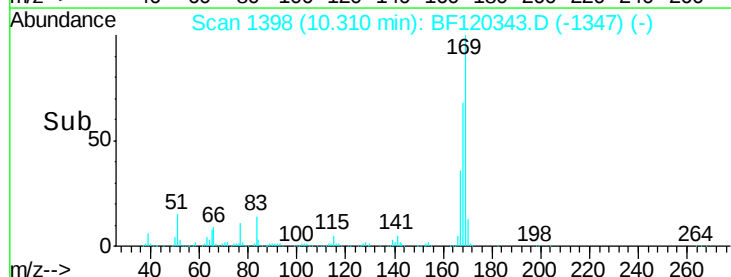
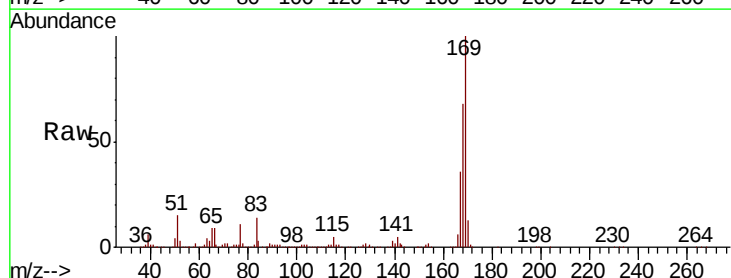
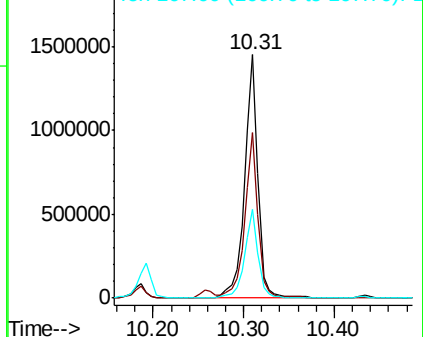
168 67.9 53.7 80.5

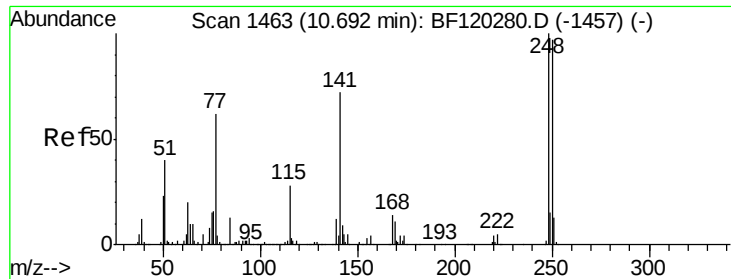
167 36.2 29.8 44.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





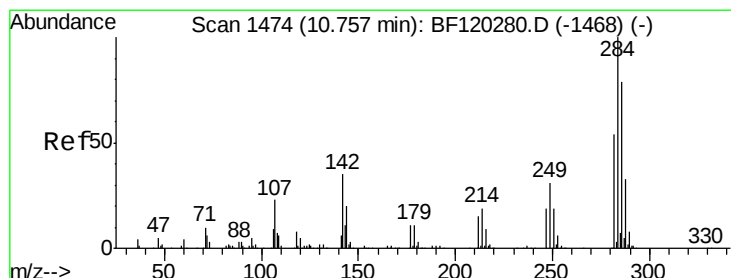
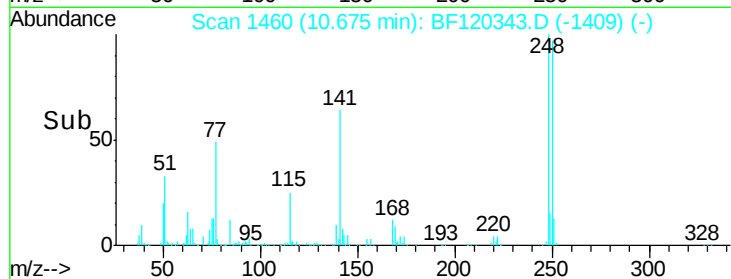
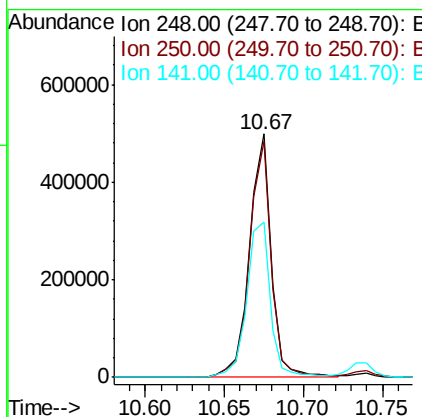
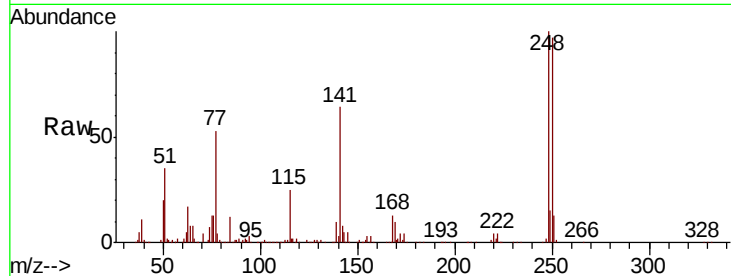
#67
4-Bromophenyl-phenylether
Concen: 42.765 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.8	116.6
141	63.9	57.7	86.5

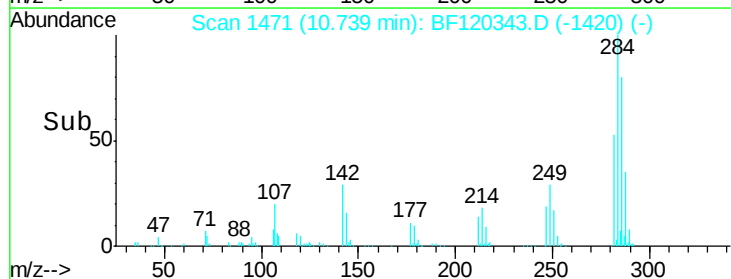
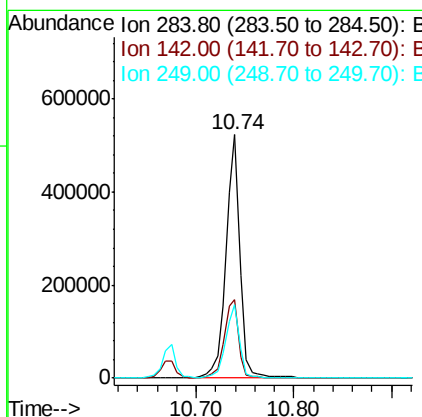
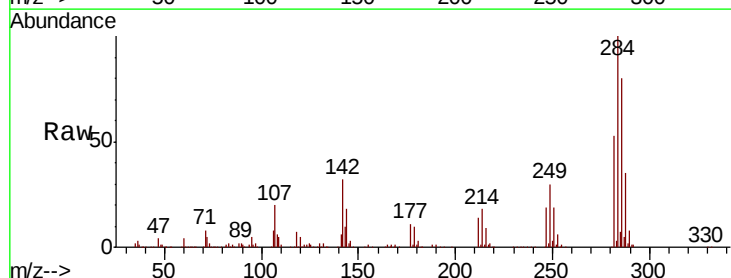
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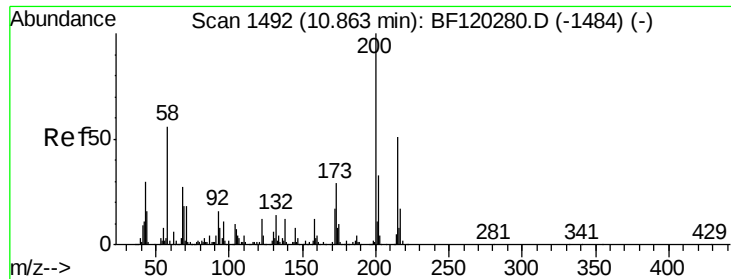
mohammad
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#68
Hexachlorobenzene
Concen: 44.393 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	28.5	42.7
249	30.0	24.8	37.2





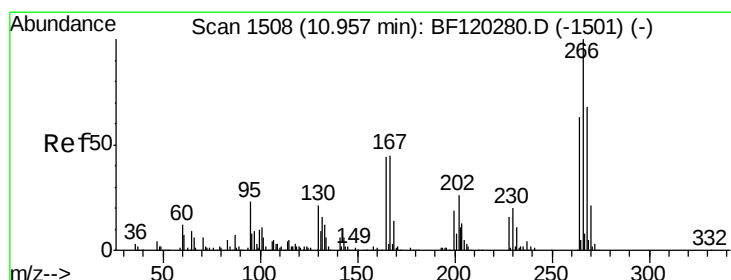
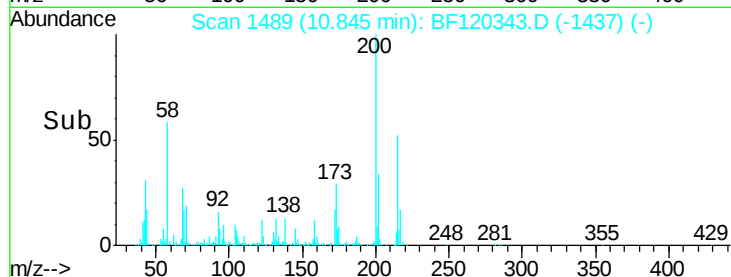
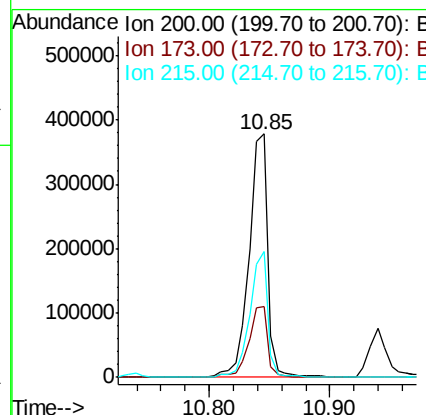
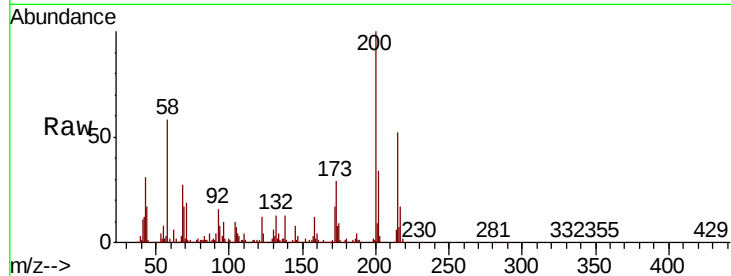
#69
Atrazine
Concen: 43.244 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.7	48.7
215	51.8	30.6	70.6

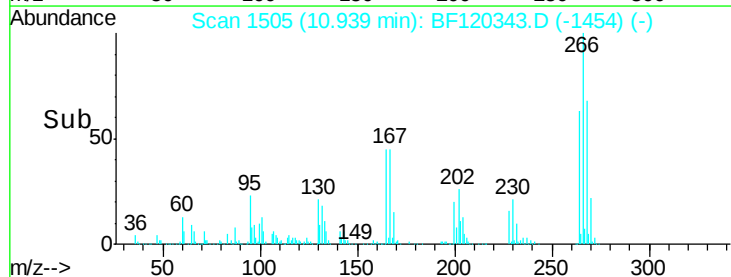
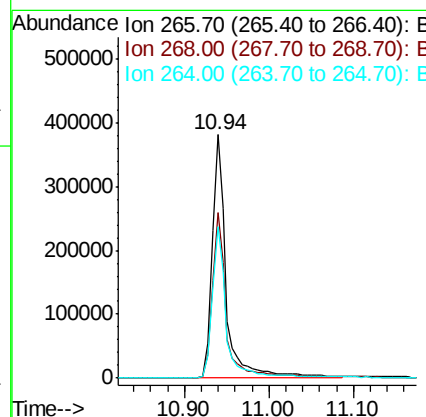
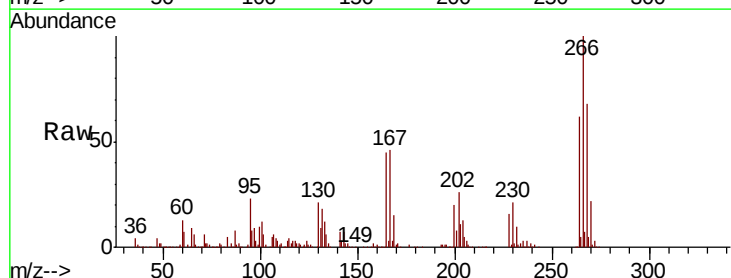
Manual Integrations
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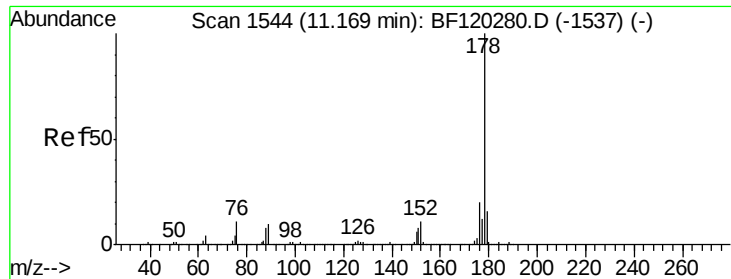
mohammad
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#70
Pentachlorophenol
Concen: 90.266 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.1	54.2	81.4
264	62.5	50.2	75.4





#71

Phenanthrene

Concen: 47.261 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:178 Resp: 2283665

Ion Ratio Lower Upper

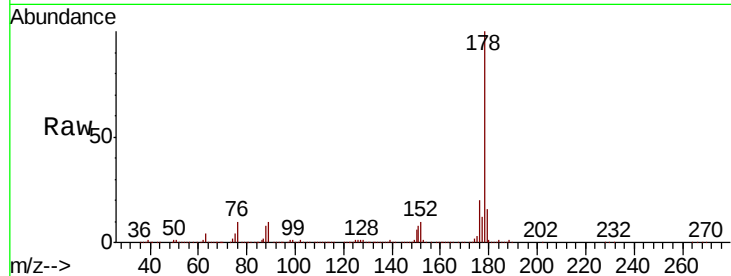
178 100

176 20.3 15.8 23.8

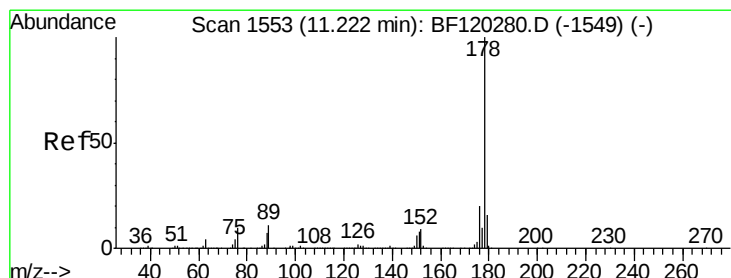
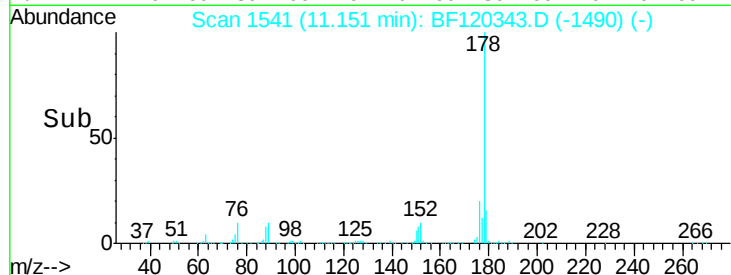
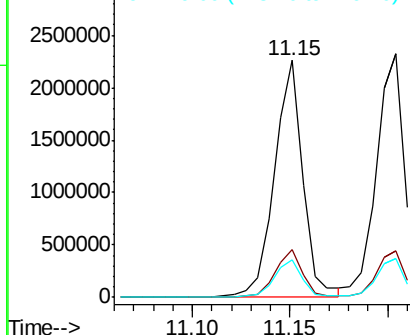
179 16.0 12.8 19.2

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



#72

Anthracene

Concen: 47.742 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

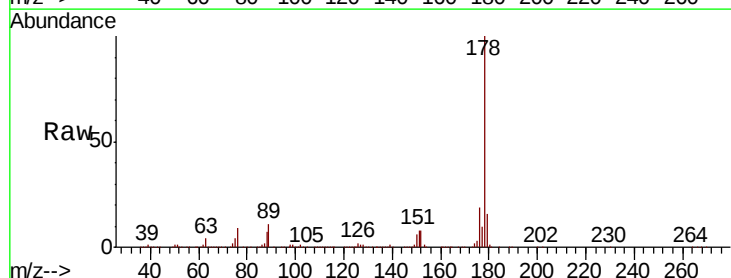
Tgt Ion:178 Resp: 2469608

Ion Ratio Lower Upper

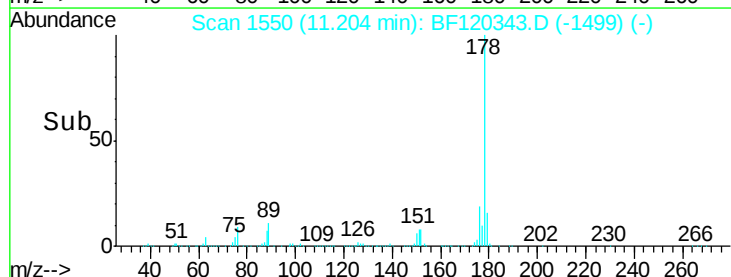
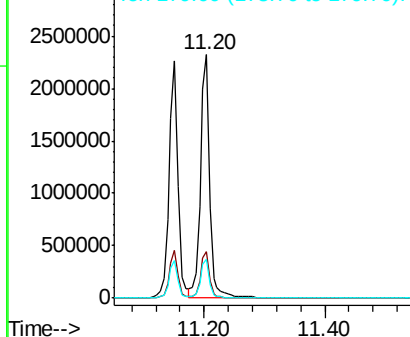
178 100

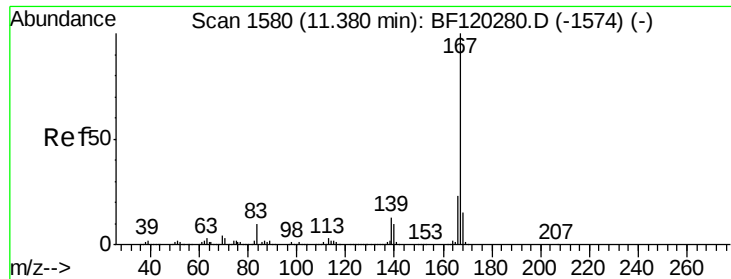
176 19.3 15.7 23.5

179 15.9 13.0 19.6



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





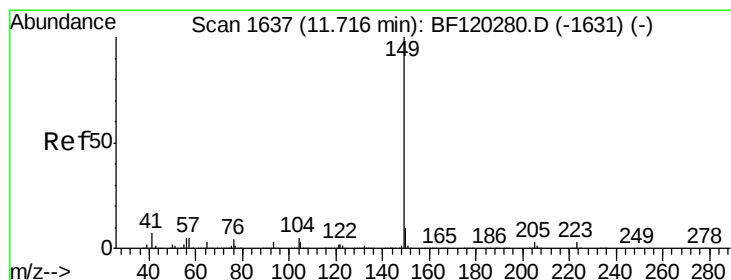
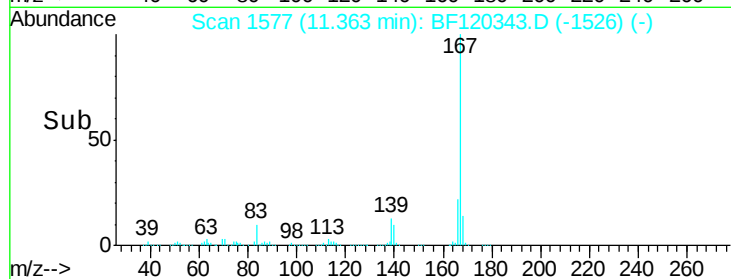
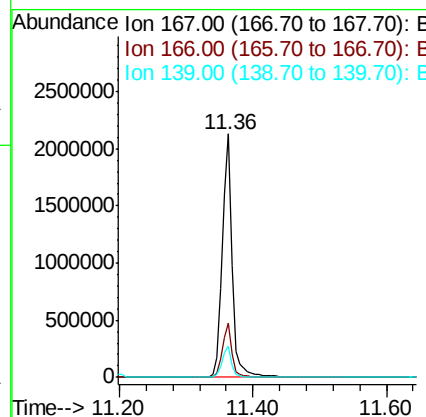
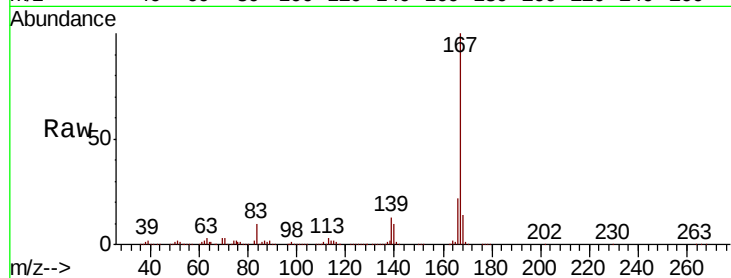
#73
 Carbazole
 Concen: 46.586 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB128942BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.9	10.6	15.8

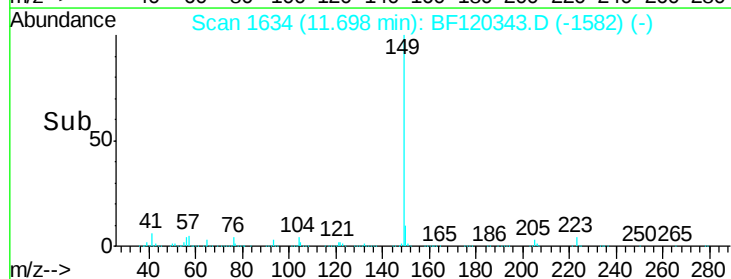
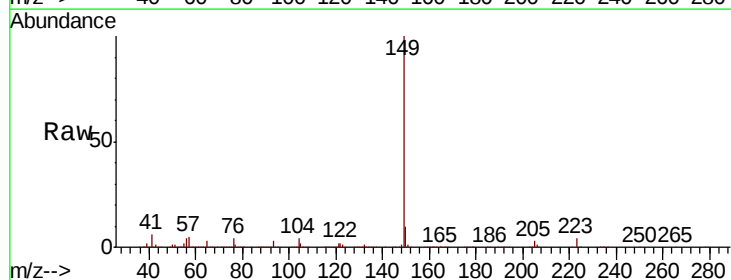
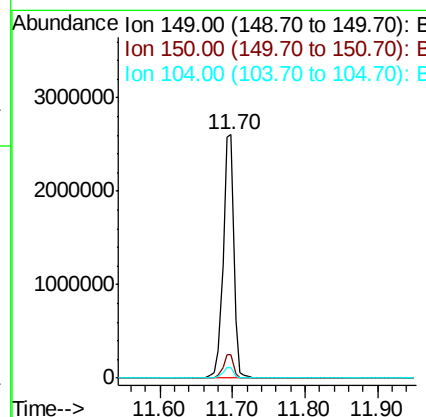
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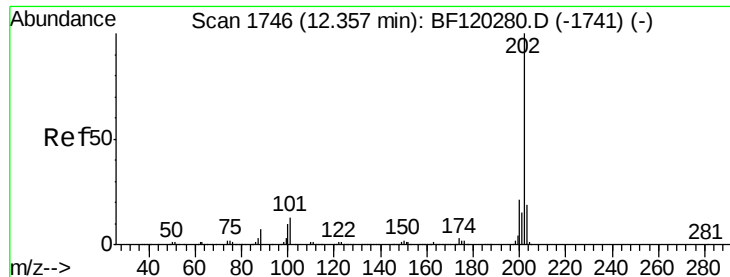
mohammad
 5/19/2020 3:05:10 PM



#74
 Di-n-butylphthalate
 Concen: 45.905 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF120343.D
 Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.4
104	4.4	3.8	5.8





#75

Fluoranthene

Concen: 48.762 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

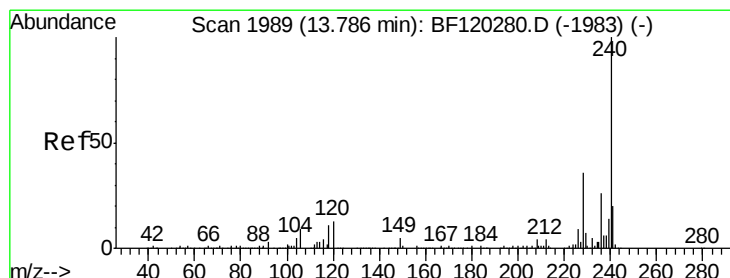
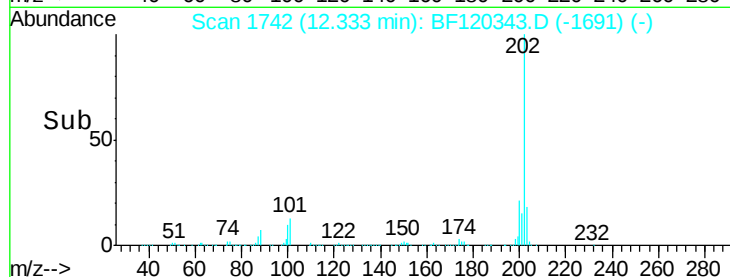
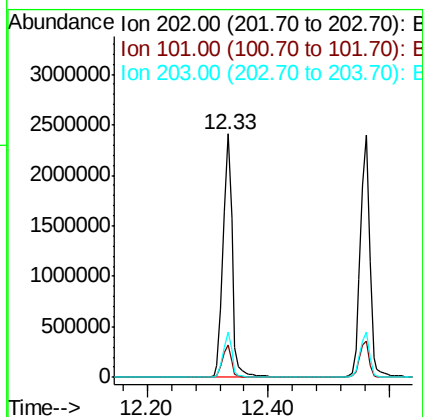
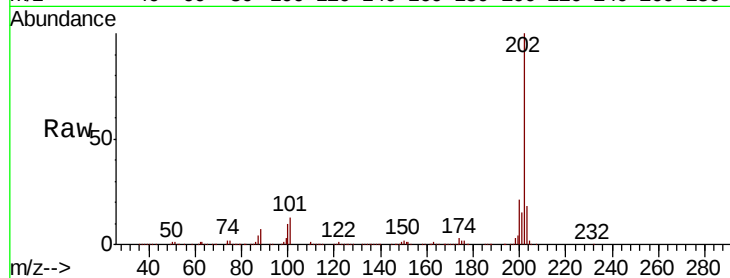
ClientSampleId :

PB128942BS

Tot Ion:	202	Resp:	2525449
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.4	0.0	39.1

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#76

Chrysene-d12

Concen: 20.000 ng

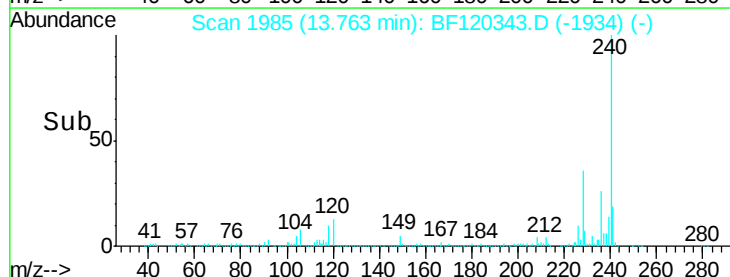
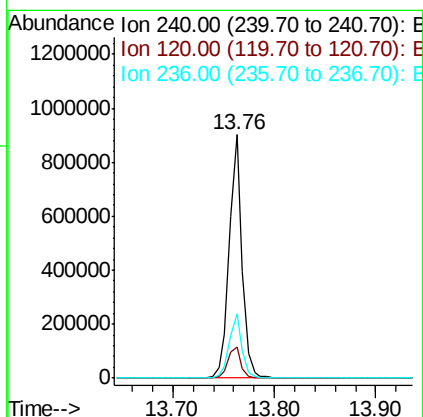
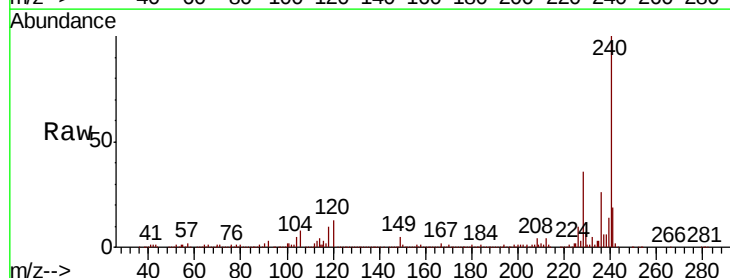
RT: 13.76 min Scan# 1985

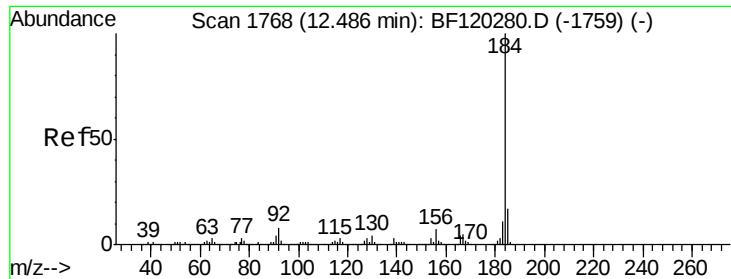
Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Tgt Ion:	240	Resp:	795871
Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.3	21.0	31.6





#77

Benzidine

Concen: 53.952 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:184 Resp: 1253889

Ion Ratio Lower Upper

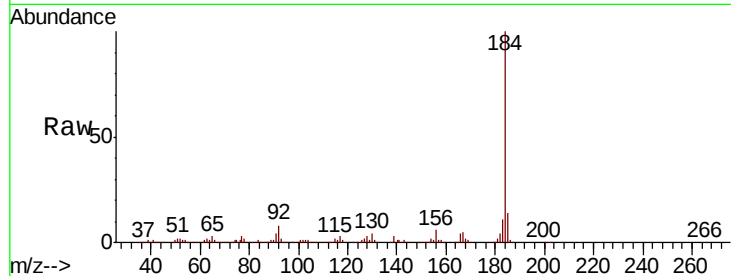
184 100

185 14.4 13.7 20.5

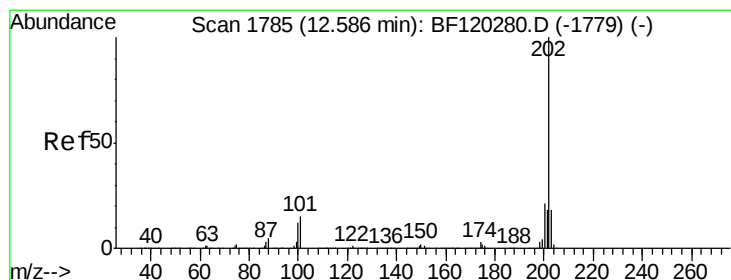
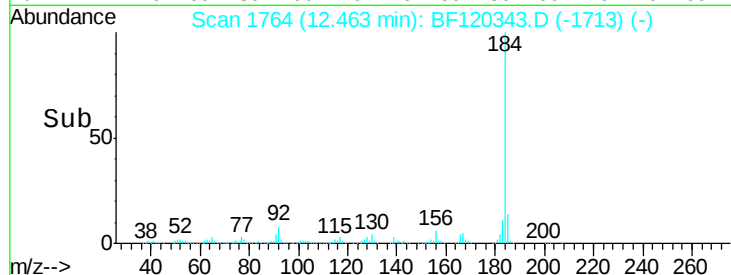
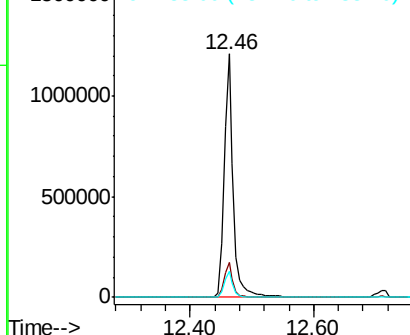
183 10.7 8.7 13.1

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



#78

Pyrene

Concen: 44.896 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

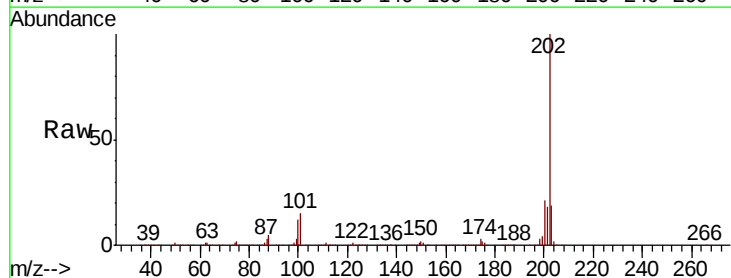
Tgt Ion:202 Resp: 2547331

Ion Ratio Lower Upper

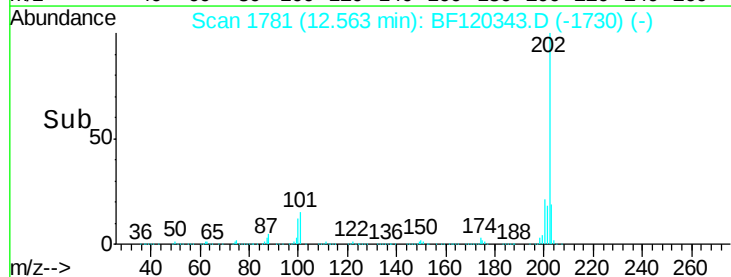
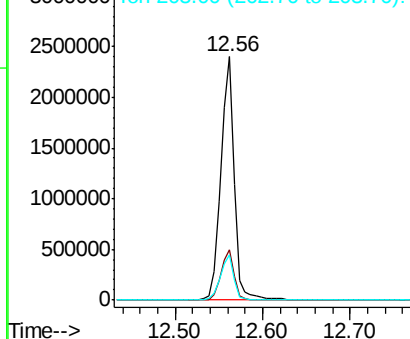
202 100

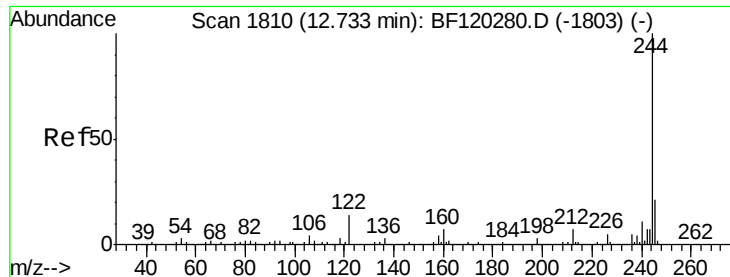
200 20.9 16.6 25.0

203 18.8 14.6 22.0



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





#79

Terphenyl-d14

Concen: 90.483 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:244 Resp: 3259656

Ion Ratio Lower Upper

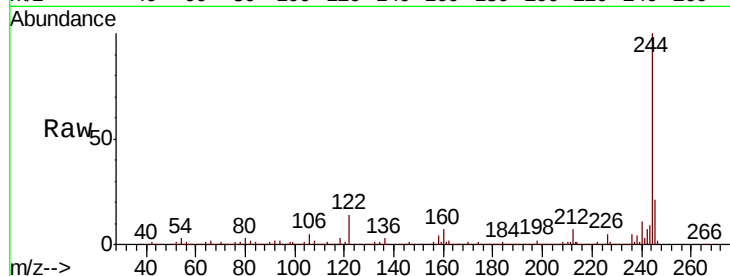
244 100

212 7.1 5.8 8.6

122 14.1 10.8 16.2

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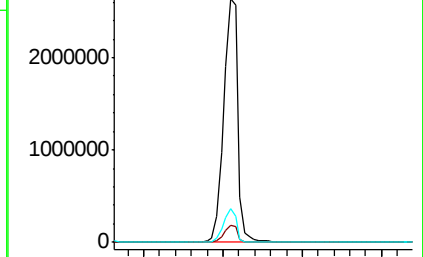
mohammad
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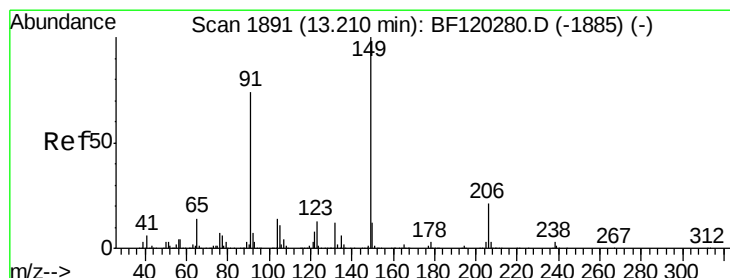
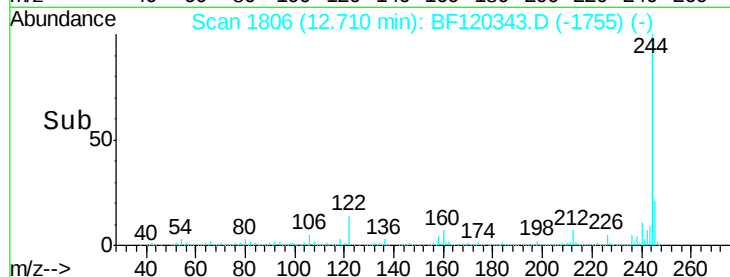
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 43.520 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

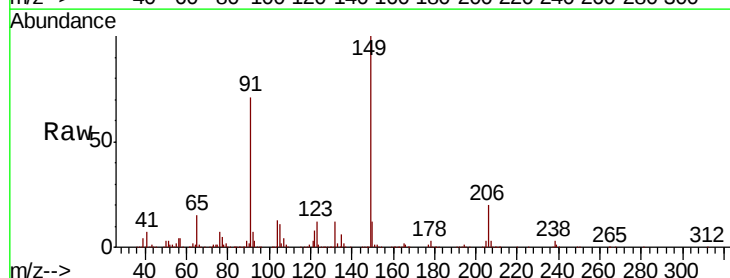
Tgt Ion:149 Resp: 1162726

Ion Ratio Lower Upper

149 100

91 71.2 59.0 88.4

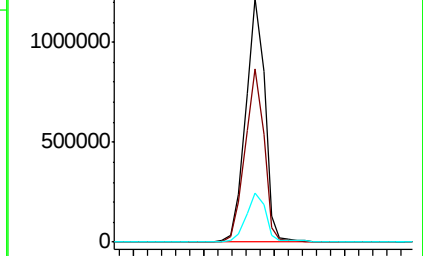
206 20.0 16.8 25.2



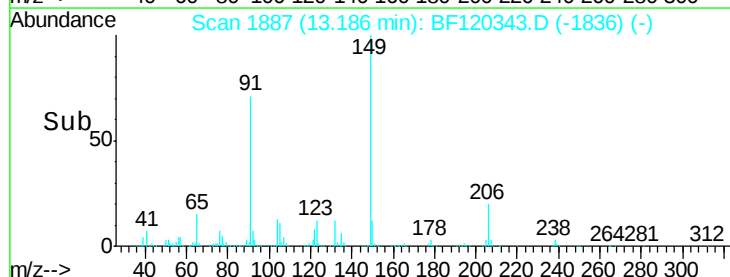
Abundance Ion 149.00 (148.70 to 149.70): E

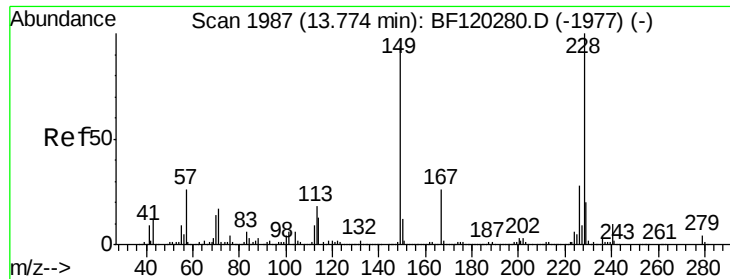
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 46.642 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

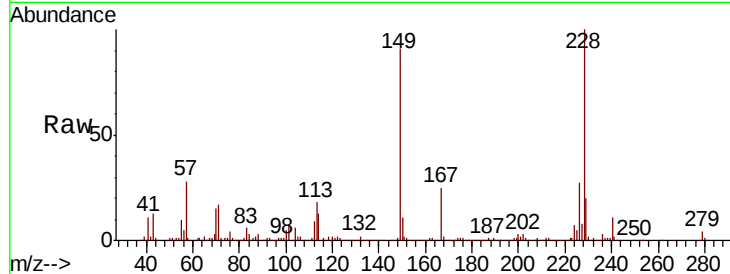
ClientSampleId :

PB128942BS

Tot Ion:	228	Resp:	1957881
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	16.4	24.6

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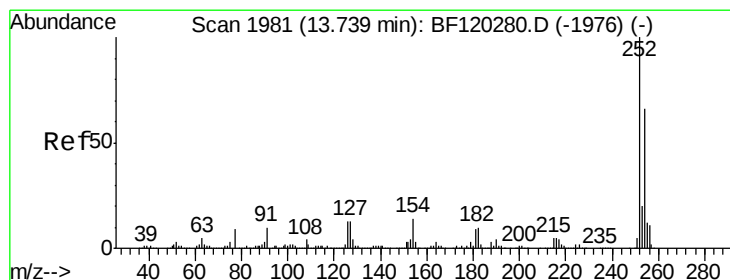
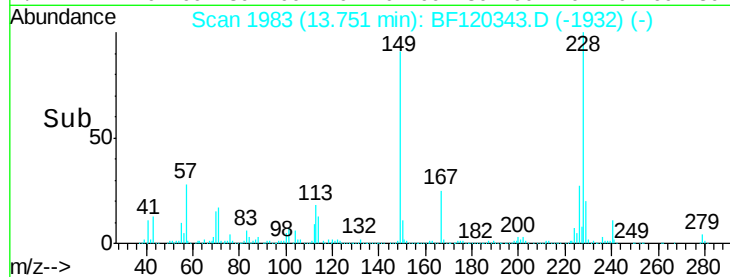
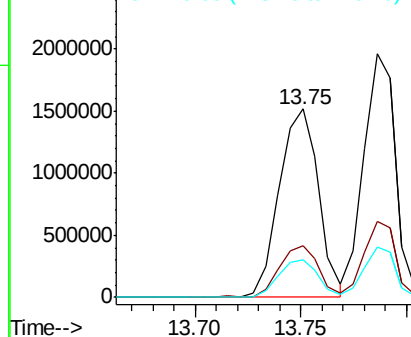


Abundance

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: 32.774 ng

RT: 13.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

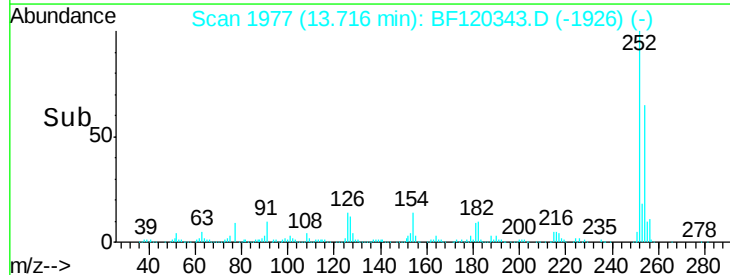
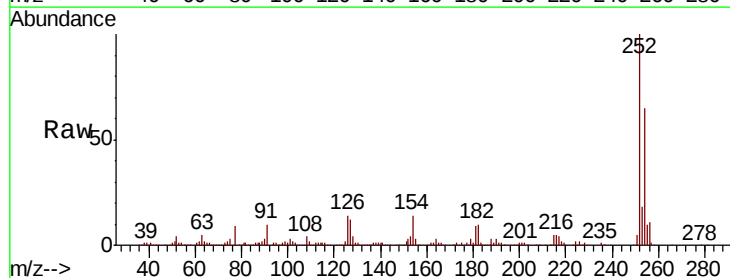
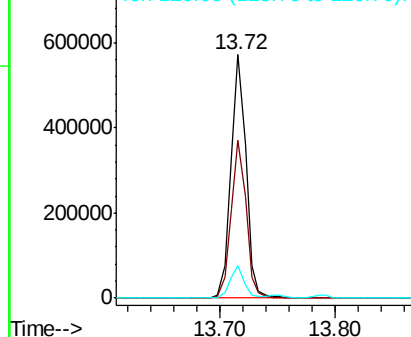
Tgt Ion:	252	Resp:	518454
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	78.8
126	13.6	10.7	16.1

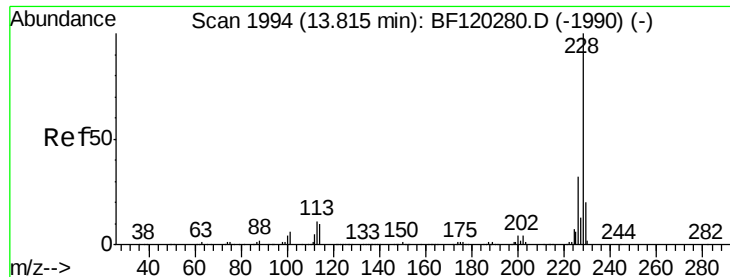
Abundance

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: 46.293 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:228 Resp: 2086674

Ion Ratio Lower Upper

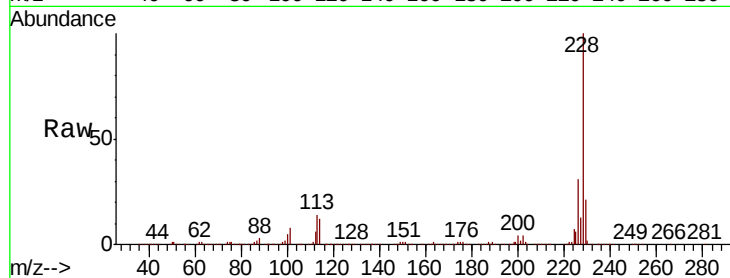
228 100

226 31.5 25.0 37.6

229 20.9 16.2 24.4

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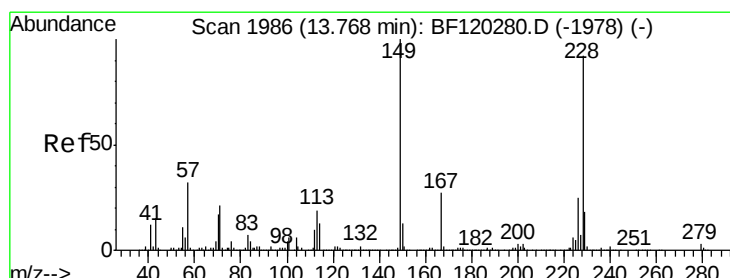
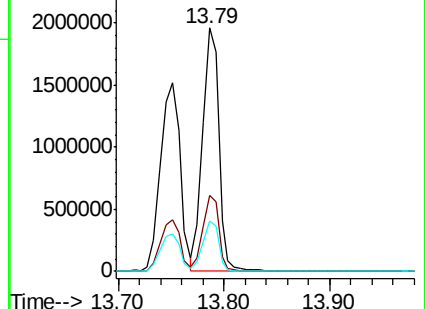
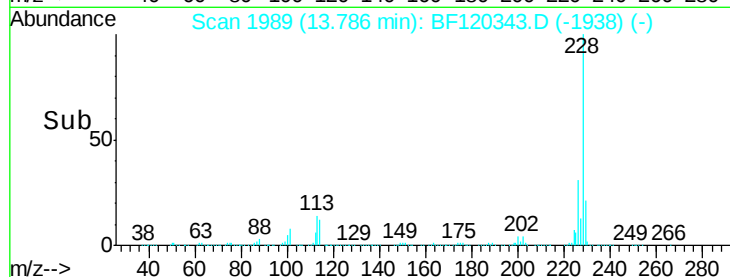
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.610 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

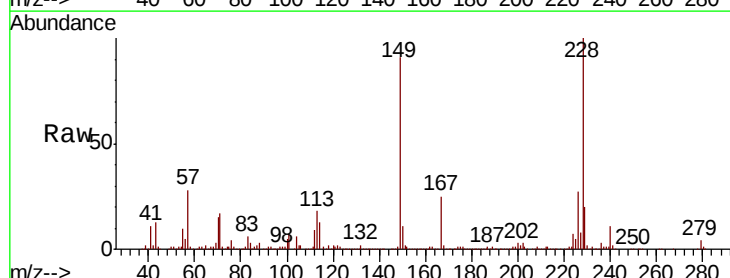
Tgt Ion:149 Resp: 1416346

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

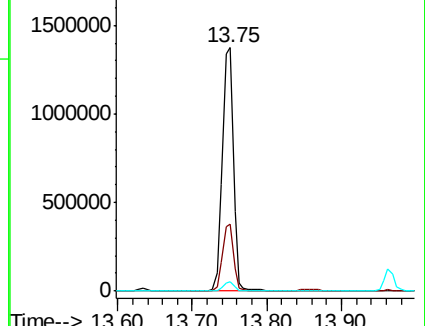
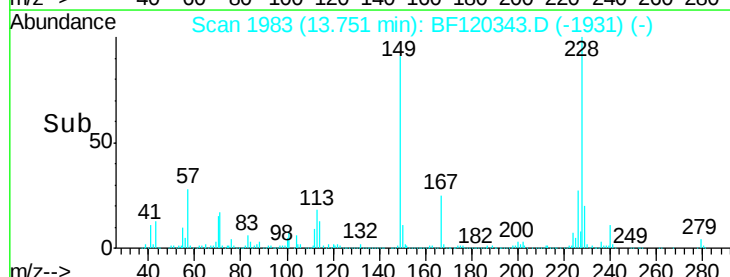
279 4.0 2.8 4.2

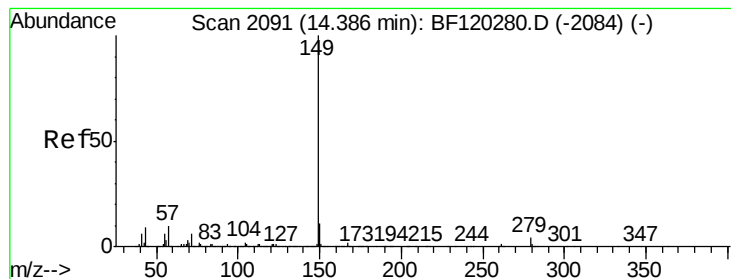


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.655 ng

RT: 14.36 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB128942BS

Tot Ion:149 Resp: 2670281

Ion Ratio Lower Upper

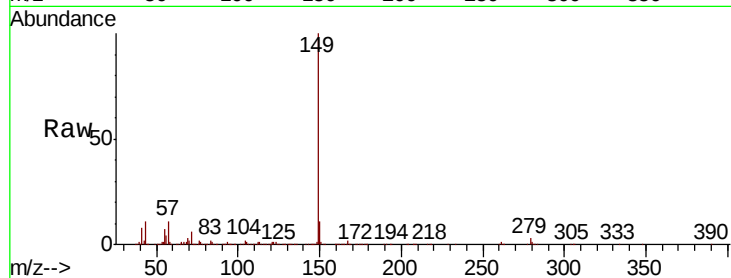
149 100

167 1.7 1.3 1.9

43 10.2 7.5 11.3

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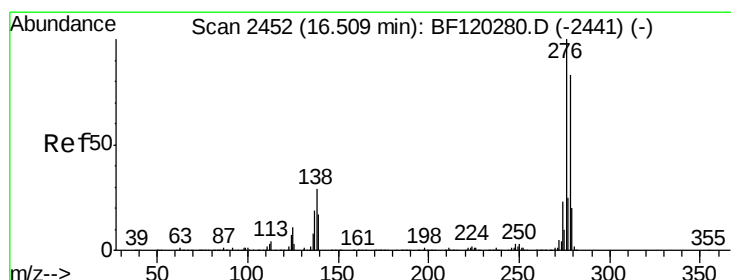
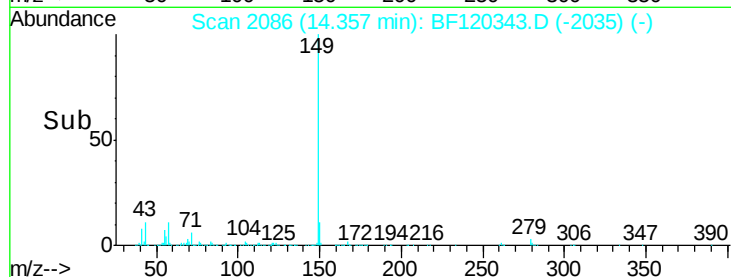
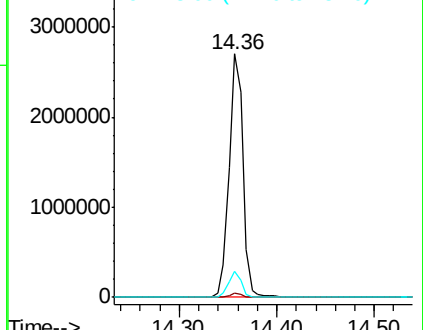
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 43.865 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120343.D

Acq: 18 May 2020 15:56

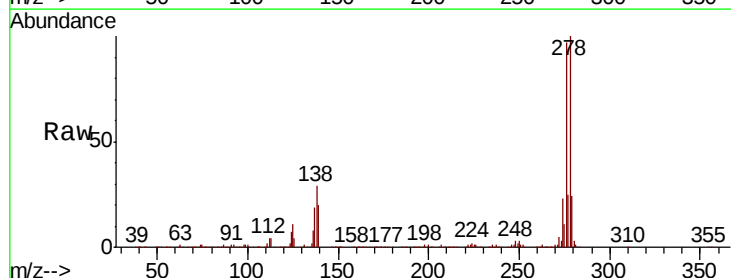
Tgt Ion:276 Resp: 1794541

Ion Ratio Lower Upper

276 100

138 28.7 23.3 34.9

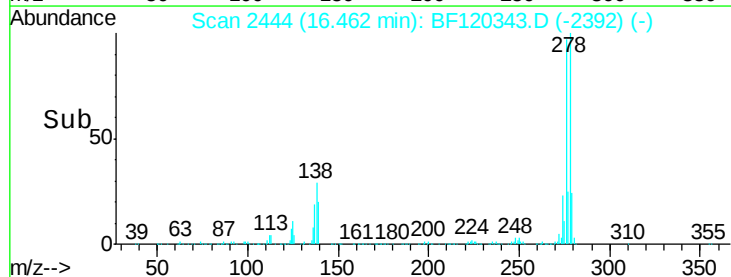
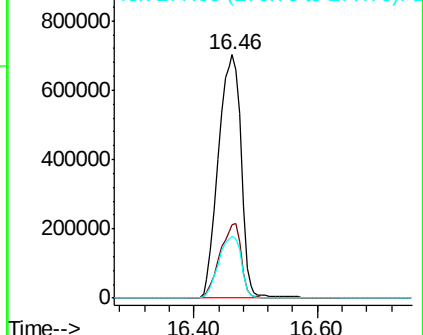
277 25.3 20.2 30.4

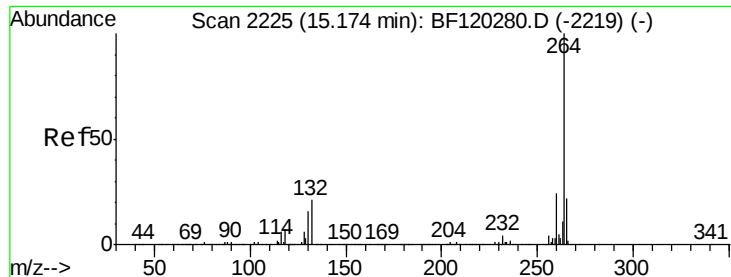


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





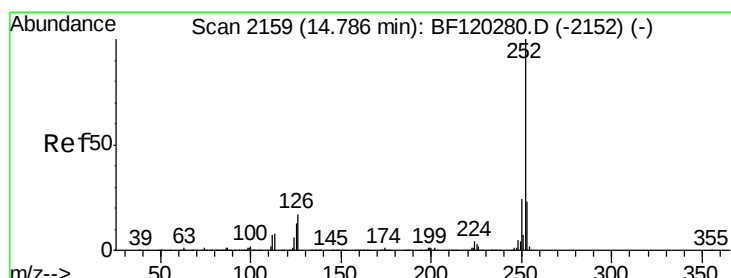
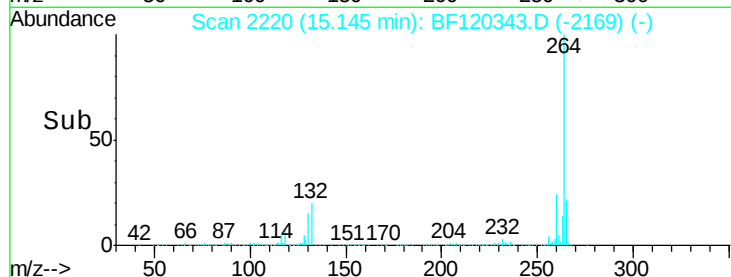
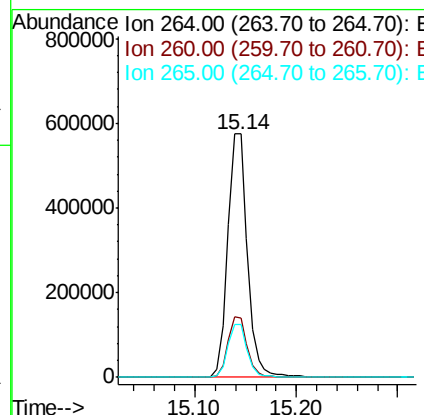
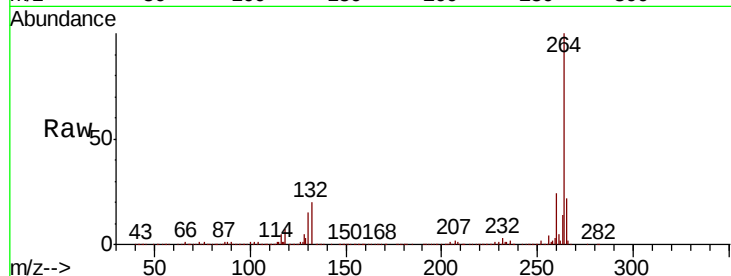
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.9	17.5	26.3

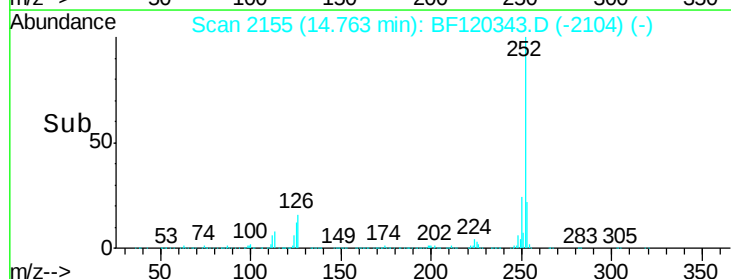
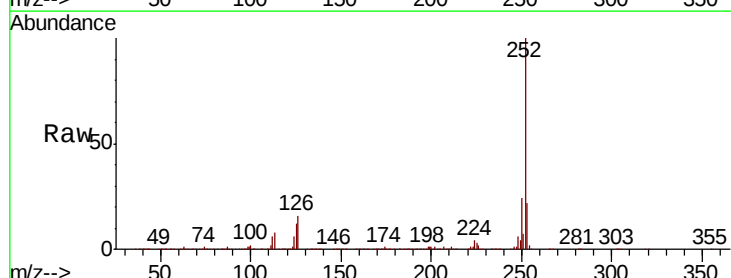
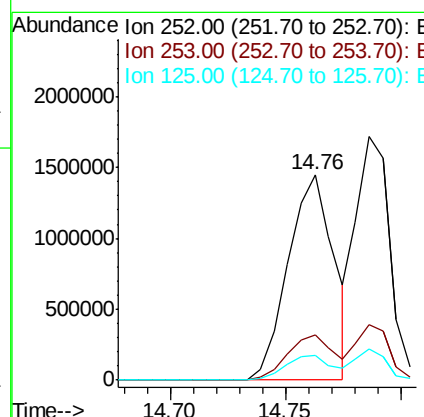
Manual Integrations
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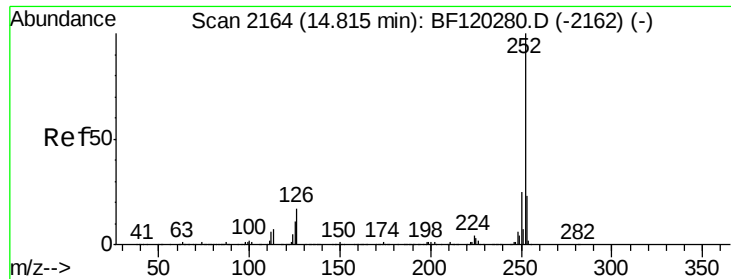
mohammad
5/19/2020 3:05:10 PM



#88
Benzo(b)fluoranthene
Concen: 46.979 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	10.4	15.6





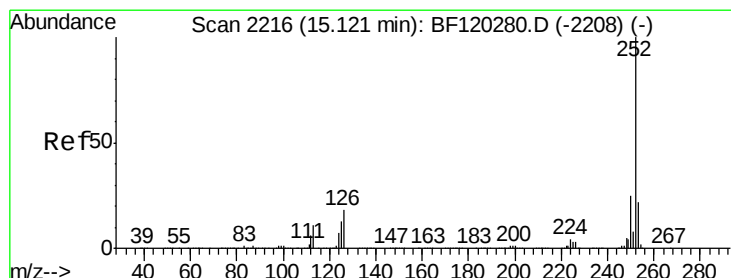
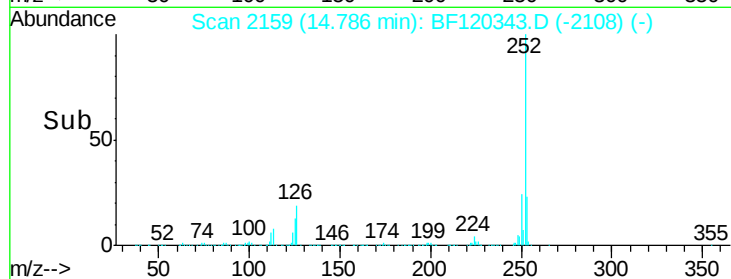
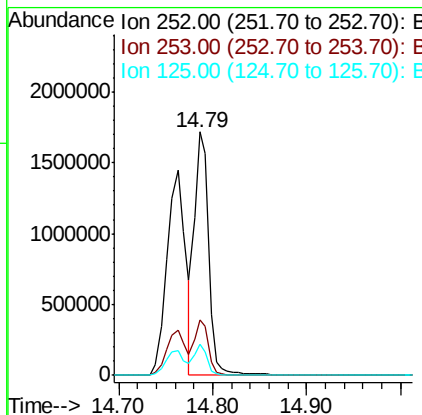
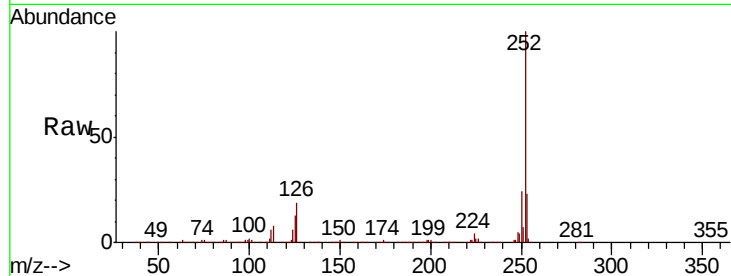
#89
Benzo(k)fluoranthene
Concen: 49.051 ng
RT: 14.79 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion:252 Resp: 1799505
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.7 9.9 14.9

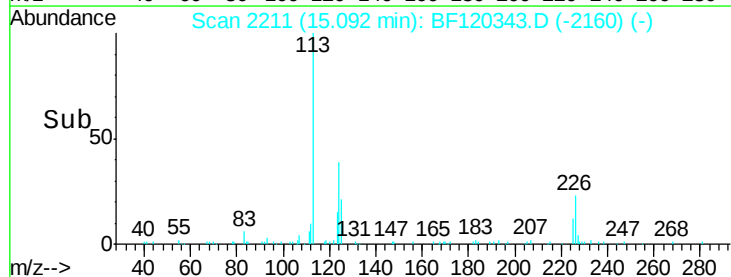
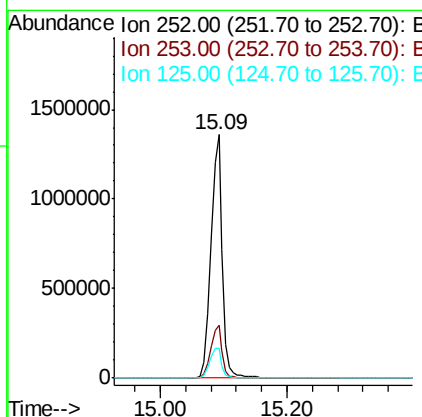
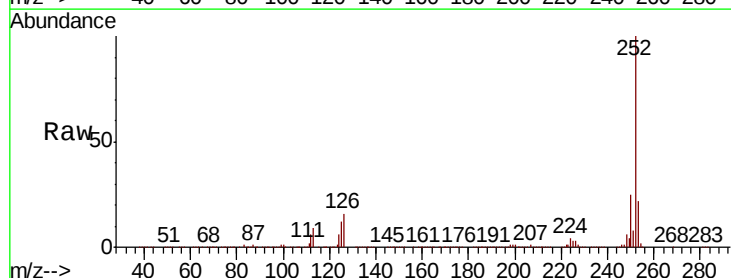
Manual Integrations
APPROVED

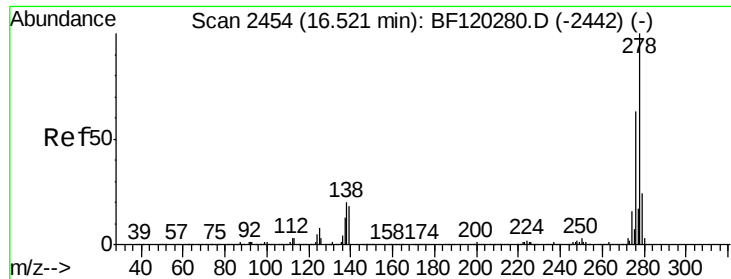
mohammad
5/19/2020 3:05:10 PM



#90
Benzo(a)pyrene
Concen: 45.663 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion:252 Resp: 1734092
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.5 10.6 16.0





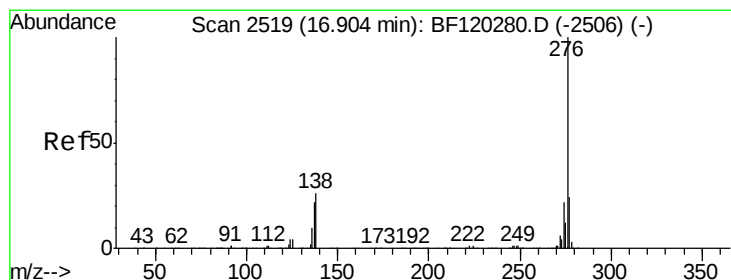
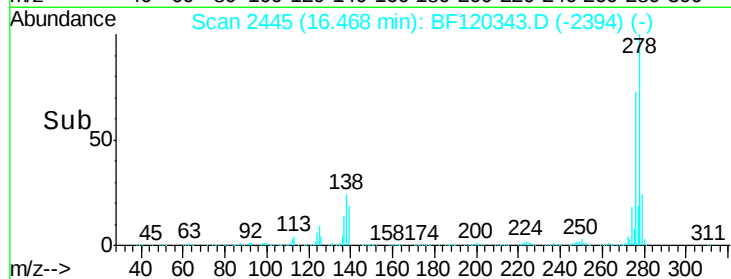
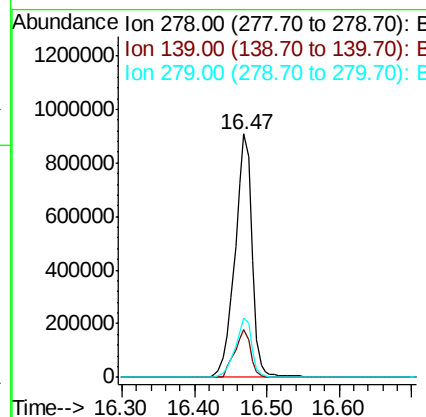
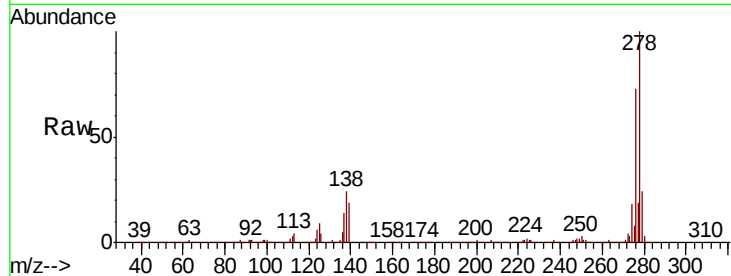
#91
Dibenzo(a,h)anthracene
Concen: 44.326 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB128942BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.7	22.1
279	24.4	19.2	28.8

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 44.516 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF120343.D
Acq: 18 May 2020 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	24.5	20.8	31.2

