

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120341.D
 Acq On : 18 May 2020 15:02
 Operator : MA/SJ
 Sample : PB128931BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Manual Integrations
 APPROVED

mohammad
 5/19/2020 3:05:07 PM

Quant Time: May 18 15:33:12 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	335649	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1345530	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	679649	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1094839	20.00	ng	0.00
76) Chrysene-d12	13.76	240	773913	20.00	ng	0.00
87) Perylene-d12	15.14	264	734390	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2265878	131.35	ng	0.02
7) Phenol-d6	6.27	99	2912874	133.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1927580	98.08	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	709736	128.08	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3621787	109.48	ng	0.00
79) Terphenyl-d14	12.71	244	3180500	90.79	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.30	88	375574	54.730	ng	99
3) Pyridine	2.96	79	826285	38.305	ng	99
4) n-Nitrosodimethylamine	2.92	42	430981	51.025	ng	100
6) Aniline	6.27	93	1022054	36.634	ng	96
8) 2-Chlorophenol	6.39	128	959564	47.707	ng	99
9) Benzaldehyde	6.15	77	583488	43.388	ng	99
10) Phenol	6.28	94	1143244	44.893	ng	# 76
11) bis(2-Chloroethyl)ether	6.35	93	907548	44.614	ng	96
12) 1,3-Dichlorobenzene	6.54	146	964908	44.832	ng	100
13) 1,4-Dichlorobenzene	6.62	146	1004012	45.292	ng	99
14) 1,2-Dichlorobenzene	6.77	146	872843	43.725	ng	98
15) Benzyl Alcohol	6.76	79	715459	46.164	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1463288	45.646	ng	78
17) 2-Methylphenol	6.88	107	738684	43.504	ng	95
18) Hexachloroethane	7.11	117	370727	43.900	ng	99
19) n-Nitroso-di-n-propylamine	7.03	70	634376	44.387	ng	98
20) 3+4-Methylphenols	7.04	107	950189	43.041	ng	96
22) Acetophenone	7.02	105	1281570	46.493	ng	96
24) Nitrobenzene	7.19	77	980649	46.366	ng	97
25) Isophorone	7.44	82	1839997	44.998	ng	99
26) 2-Nitrophenol	7.51	139	536767	48.526	ng	95
27) 2,4-Dimethylphenol	7.56	122	819717	50.943	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	1191802	46.371	ng	99
29) 2,4-Dichlorophenol	7.76	162	772215	46.727	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	837367	45.724	ng	98
31) Naphthalene	7.91	128	2645819	46.592	ng	100
32) Benzoic acid	7.72	122	475763	45.108	ng	95
33) 4-Chloroaniline	7.97	127	763053	29.485	ng	100
34) Hexachlorobutadiene	8.03	225	467860	44.200	ng	95
35) Caprolactam	8.36	113	272430m	50.389	ng	
36) 4-Chloro-3-methylphenol	8.47	107	913171	51.079	ng	96
37) 2-Methylnaphthalene	8.60	142	1944586	50.039	ng	98
38) 1-Methylnaphthalene	8.70	142	1884562	50.001	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	871138	50.832	ng	98

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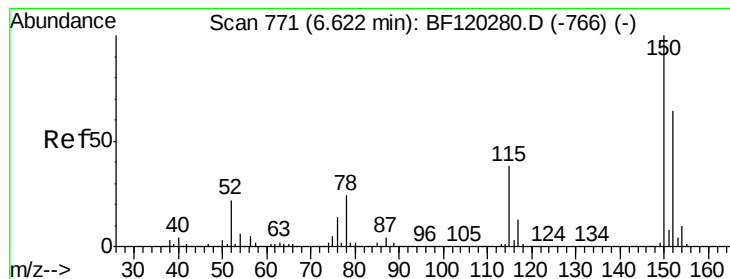
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Quant Time: May 18 15:33:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	757329	104.881	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	566752	49.268	nq	99
44) 2,4,5-Trichlorophenol	8.94	196	611293	46.272	nq	99
46) 1,1'-Biphenyl	9.07	154	2302727	51.710	nq	99
47) 2-Chloronaphthalene	9.09	162	1749650	48.981	nq	99
48) 2-Nitroaniline	9.20	65	625560	47.997	nq	98
49) Acenaphthylene	9.50	152	2731047	50.051	nq	100
50) Dimethylphthalate	9.38	163	2049868	47.712	nq	99
51) 2,6-Dinitrotoluene	9.45	165	462709	48.254	nq	87
52) Acenaphthene	9.67	154	1463196	44.737	nq	100
53) 3-Nitroaniline	9.61	138	319043	27.900	nq	97
54) 2,4-Dinitrophenol	9.73	184	399674	88.300	nq	94
55) Dibenzofuran	9.85	168	2148049	45.606	nq	99
56) 4-Nitrophenol	9.80	139	524687	85.394	nq	89
57) 2,4-Dinitrotoluene	9.85	165	494210	43.936	nq	97
58) Fluorene	10.19	166	1580394	44.059	nq	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	420017	42.247	nq	95
60) Diethylphthalate	10.08	149	1749465	42.178	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	765448	41.044	nq	96
62) 4-Nitroaniline	10.23	138	438210	41.154	nq	98
63) Azobenzene	10.35	77	1697593	43.304	nq	95
65) 4,6-Dinitro-2-methylphenol	10.26	198	278101	50.226	nq	97
66) n-Nitrosodiphenylamine	10.31	169	1491119	49.229	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	462564	43.539	nq	97
68) Hexachlorobenzene	10.74	284	503981	45.344	nq	96
69) Atrazine	10.85	200	394297	43.504	nq	99
70) Pentachlorophenol	10.94	266	438390	92.739	nq	99
71) Phenanthrene	11.15	178	2190655	47.618	nq	99
72) Anthracene	11.20	178	2353519	47.787	nq	100
73) Carbazole	11.36	167	2138636	46.475	nq	100
74) Di-n-butylphthalate	11.69	149	2570082	46.342	nq	99
75) Fluoranthene	12.33	202	2454460	49.776	nq	99
77) Benzidine	12.46	184	1324692	58.616	nq	96
78) Pyrene	12.56	202	2482853	45.002	nq	100
80) Butylbenzylphthalate	13.19	149	1088769	41.908	nq	96
81) Benzo(a)anthracene	13.75	228	1866629	45.730	nq	99
82) 3,3'-Dichlorobenzidine	13.72	252	533307	34.670	nq	98
83) Chrysene	13.79	228	2005755	45.760	nq	100
84) Bis(2-ethylhexyl)phthalate	13.75	149	1366788	42.285	nq	99
85) Di-n-octyl phthalate	14.36	149	2547212	43.805	nq	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	1710413	42.995	nq	99
88) Benzo(b)fluoranthene	14.76	252	1886948	47.048	nq	98
89) Benzo(k)fluoranthene	14.79	252	1718302	49.451	nq	100
90) Benzo(a)pyrene	15.09	252	1643231	45.685	nq	98
91) Dibenzo(a,h)anthracene	16.47	278	1417763	44.493	nq	98
92) Benzo(g,h,i)perylene	16.85	276	1453813	45.244	nq	98

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



#1

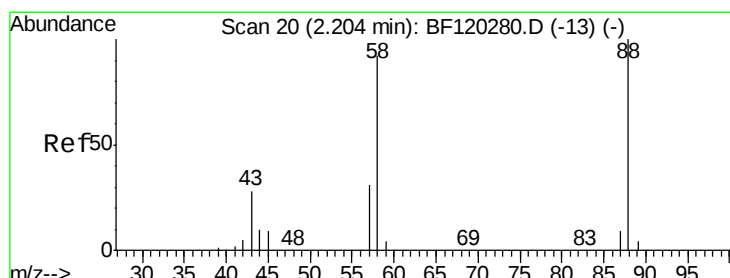
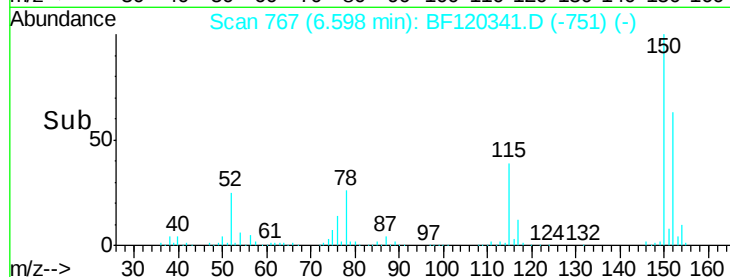
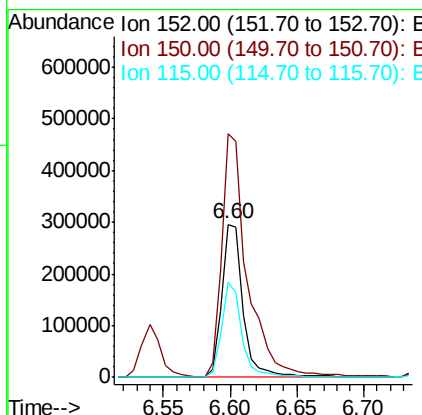
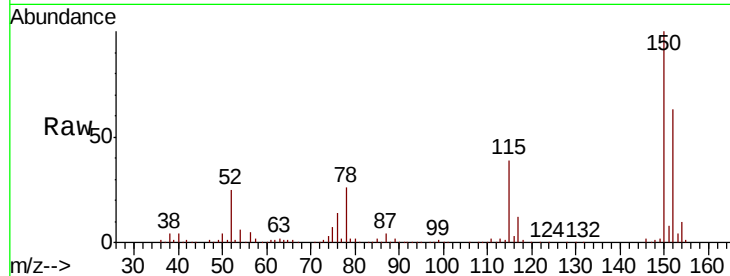
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	62.3	47.9	71.9

Manual Integrations
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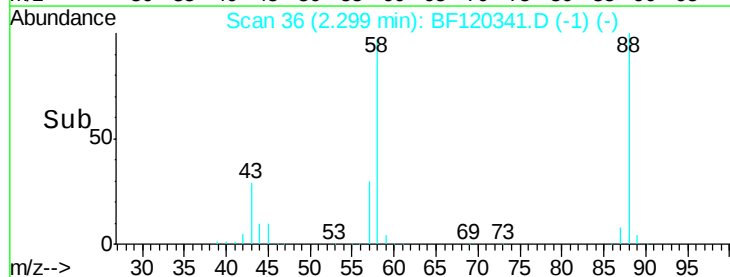
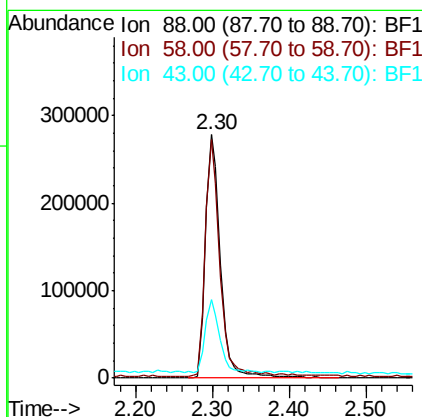
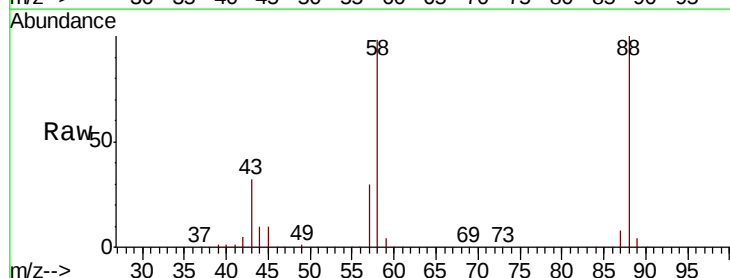
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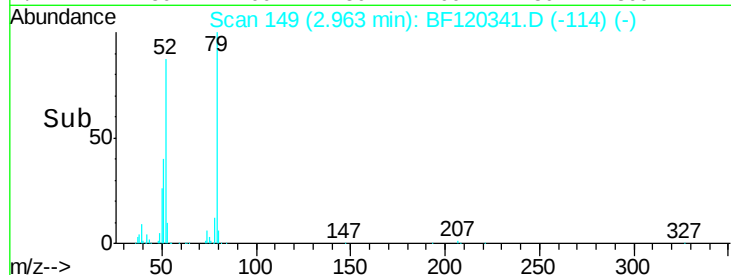
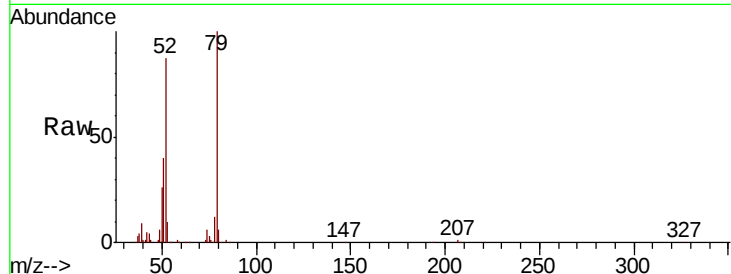
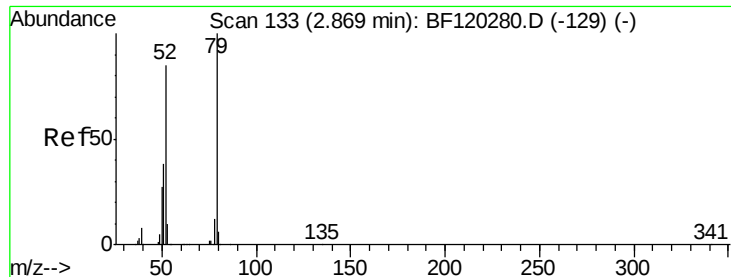


#2

1,4-Dioxane
Concen: 54.730 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.09 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.9	75.8	113.6
43	27.8	23.6	35.4





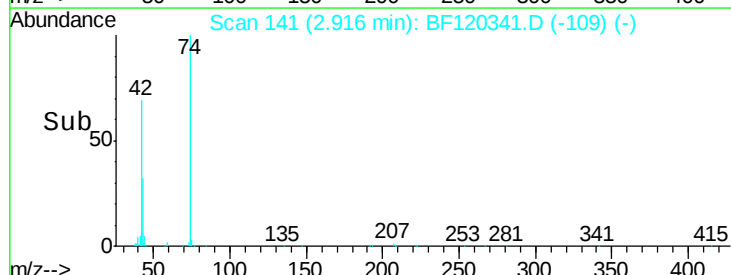
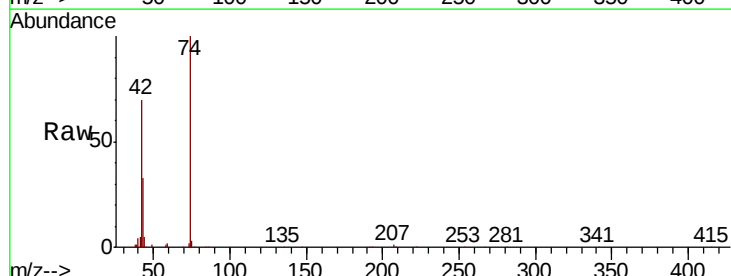
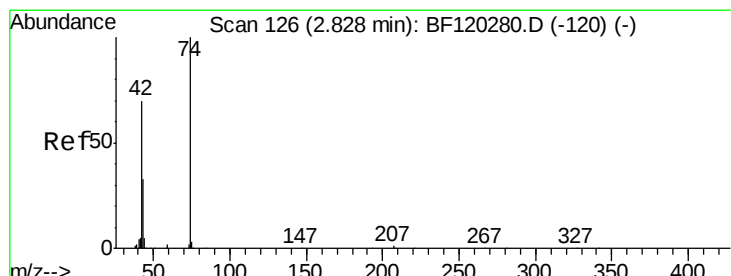
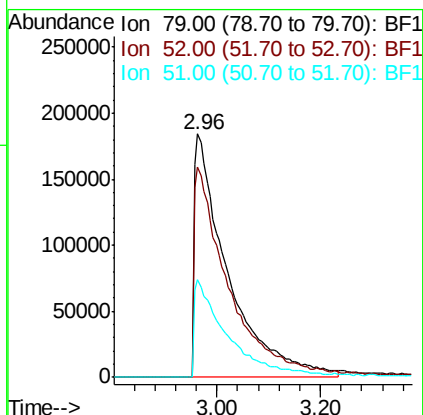
#3
 Pvridine
 Concen: 38.305 ng
 RT: 2.96 min Scan# 149
 Delta R.T. 0.11 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	86.6	68.4	102.6	
51	51	40.0	31.0	46.4	

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

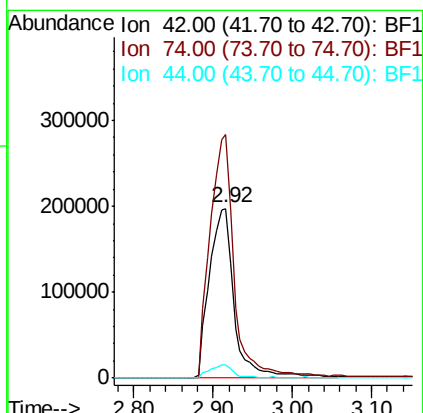
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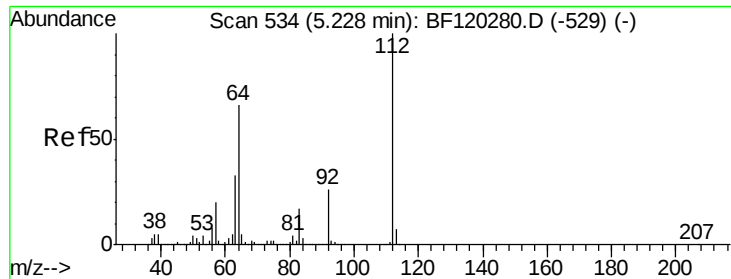
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#4
 n-Nitrosodimethylamine
 Concen: 51.025 ng
 RT: 2.92 min Scan# 141
 Delta R.T. 0.09 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	143.5	114.8	172.2	
44	44	7.7	5.6	8.4	





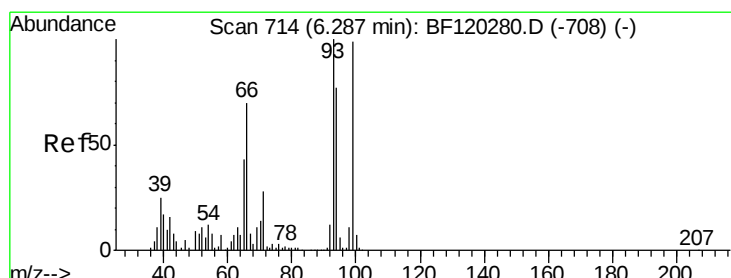
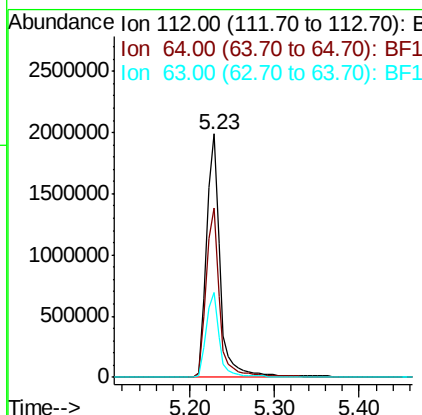
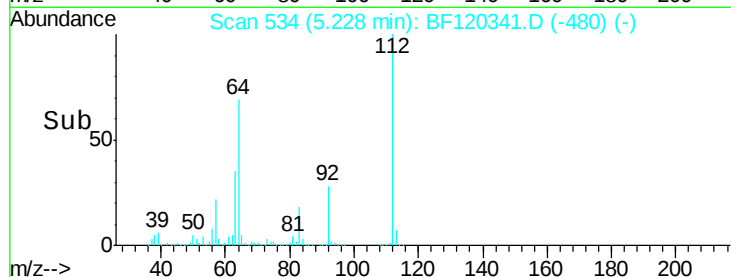
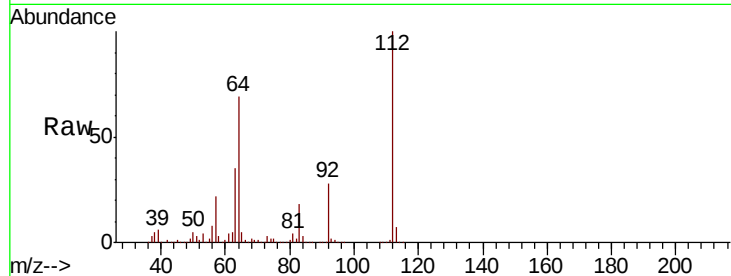
#5
2-Fluorophenol
Concen: 131.349 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.02 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.7	79.1
63	35.1	26.2	39.4

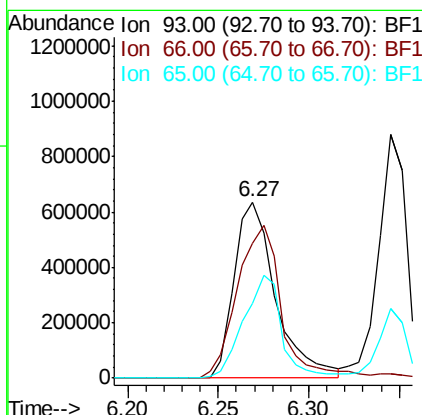
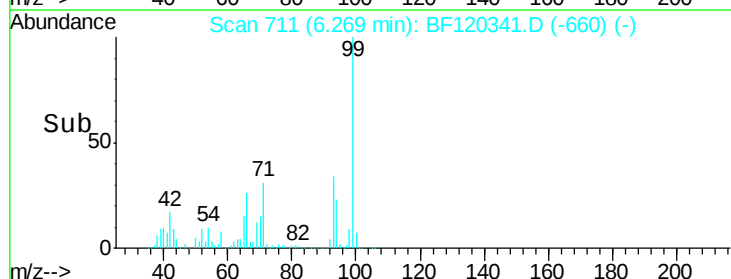
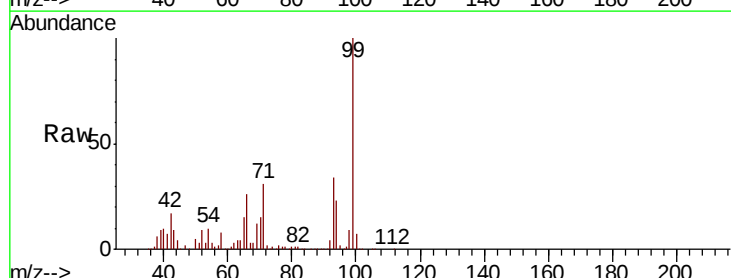
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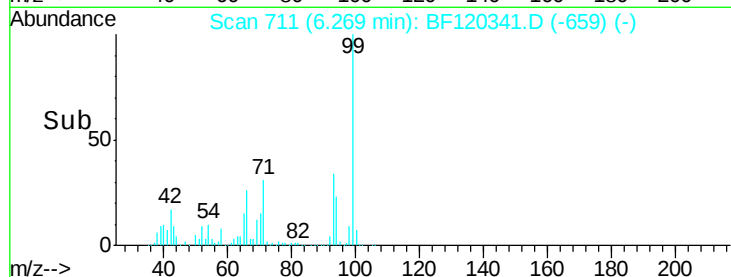
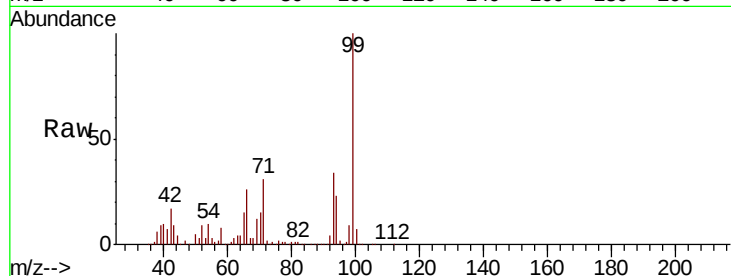
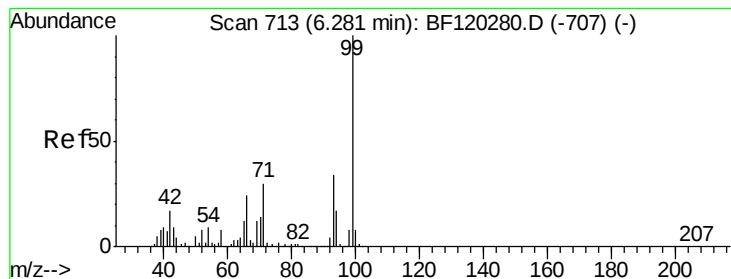
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#6
Aniline
Concen: 36.634 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
66	76.1	56.2	84.4
65	42.6	34.2	51.2





#7

Phenol-d6

Concen: 133.525 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tot Ion: 99 Resp: 2912874

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 31.1 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

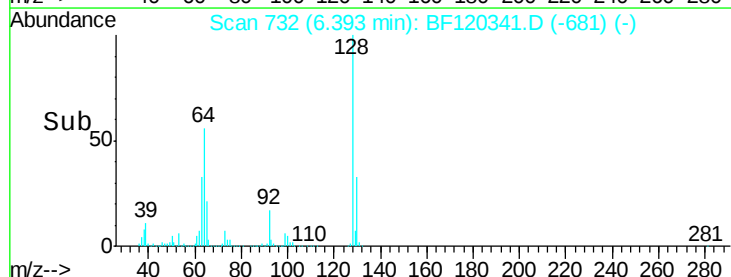
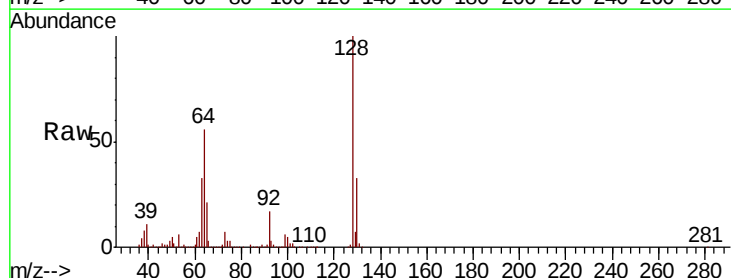
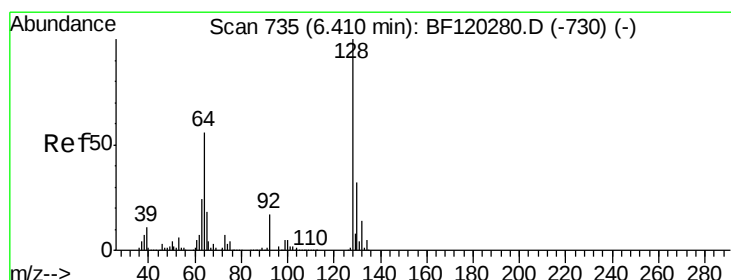
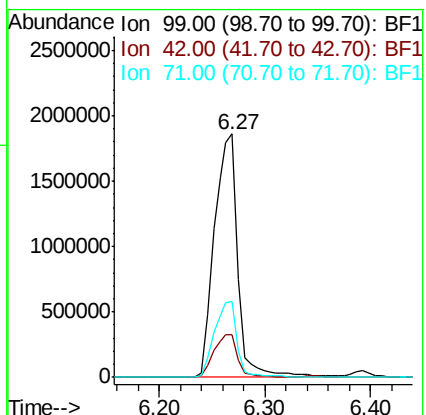
PB128931BS

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#8

2-Chlorophenol

Concen: 47.707 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

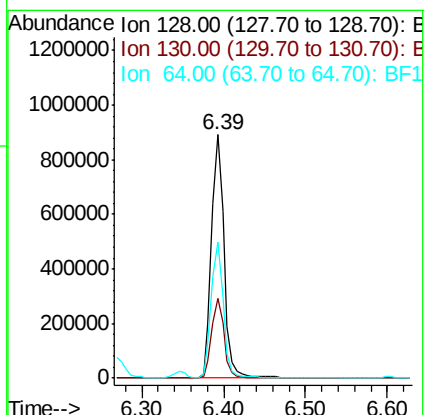
Tgt Ion:128 Resp: 959564

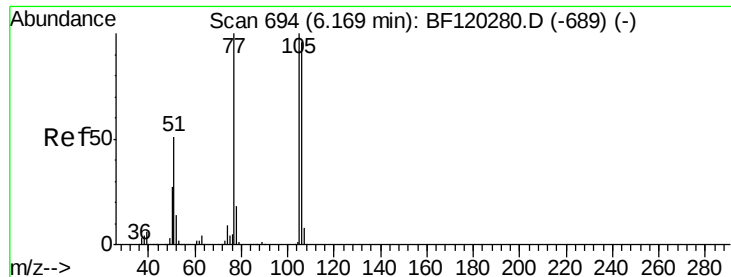
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 55.7 36.7 76.7





#9

Benzaldehyde

Concen: 43.388 ng

RT: 6.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion: 77 Resp: 583488

Ion Ratio Lower Upper

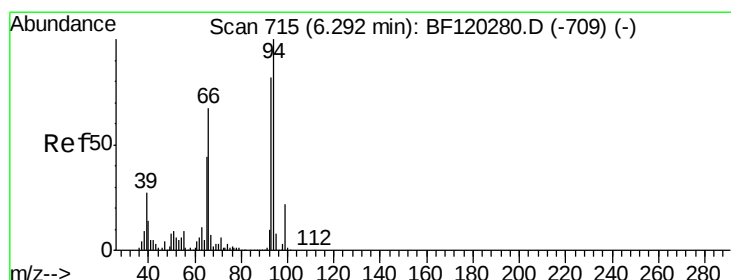
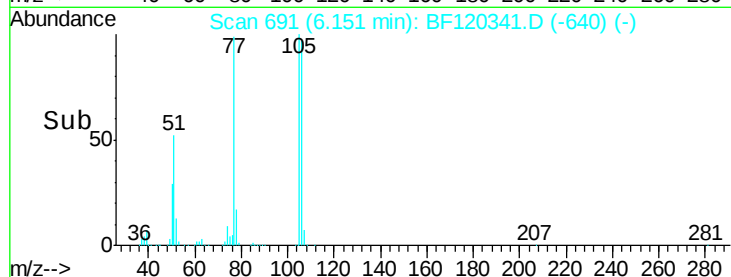
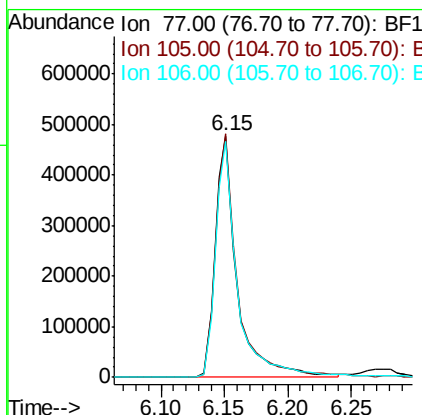
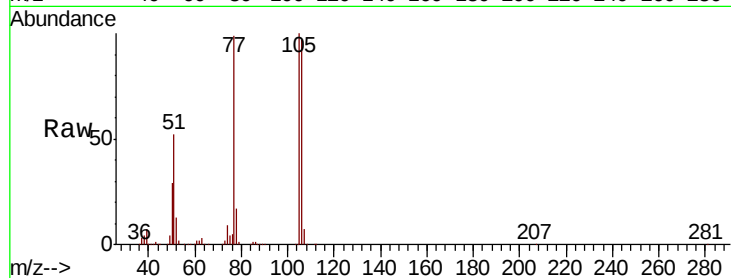
77 100

105 100.9 79.9 119.9

106 97.5 75.7 115.7

Manual Integrations
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#10

Phenol

Concen: 44.893 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

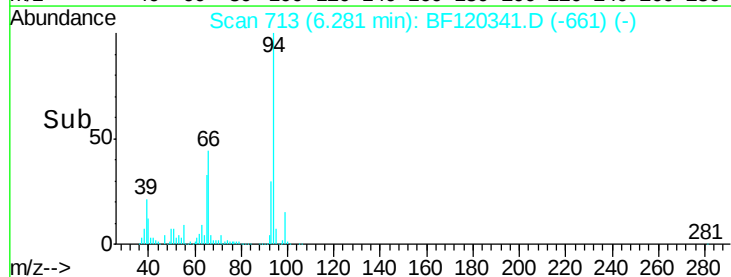
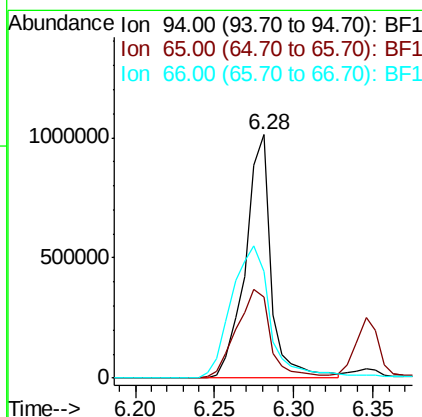
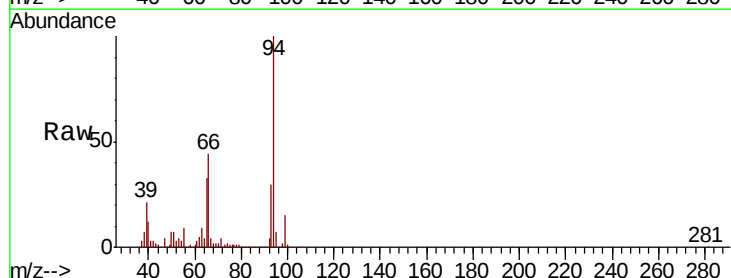
Tgt Ion: 94 Resp: 1143244

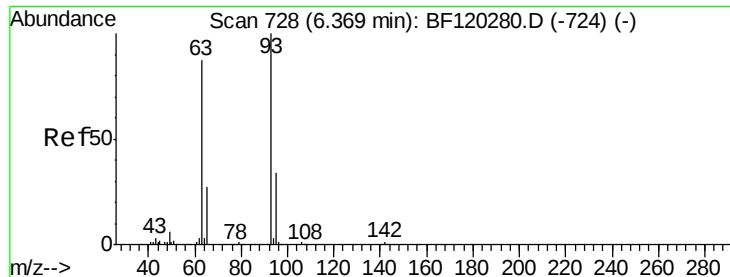
Ion Ratio Lower Upper

94 100

65 33.4 24.1 64.1

66 43.6 47.5 87.5#





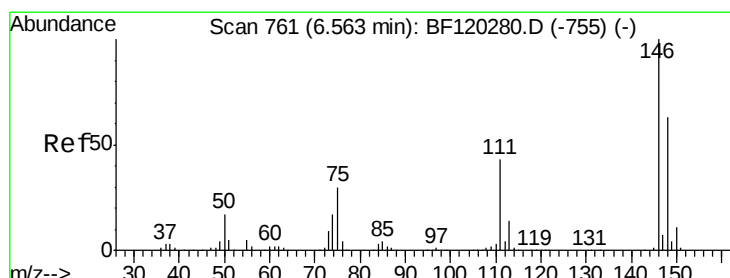
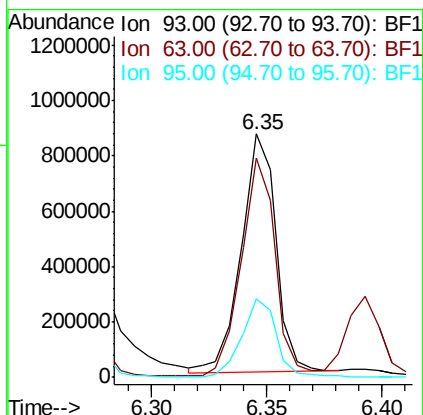
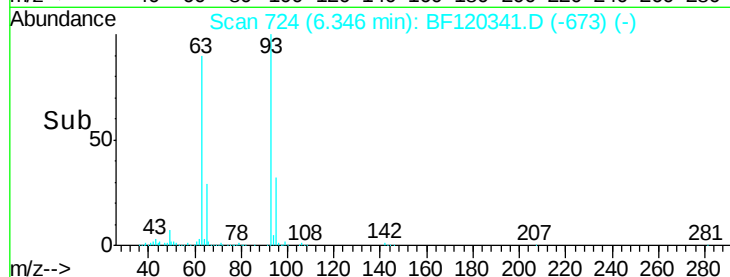
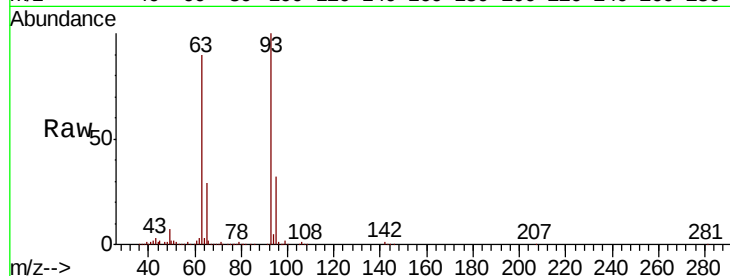
#11
bis(2-Chloroethyl)ether
Concen: 44.614 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	65.4	105.4
95	32.4	12.9	52.9

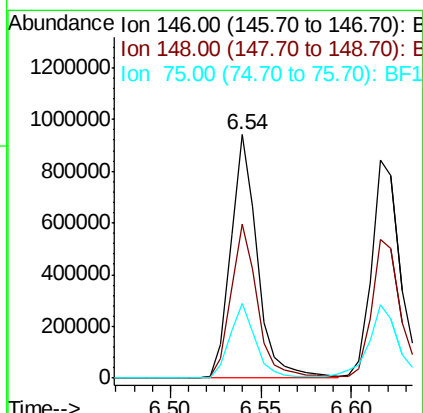
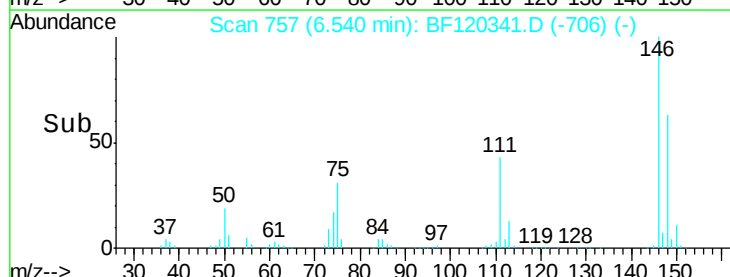
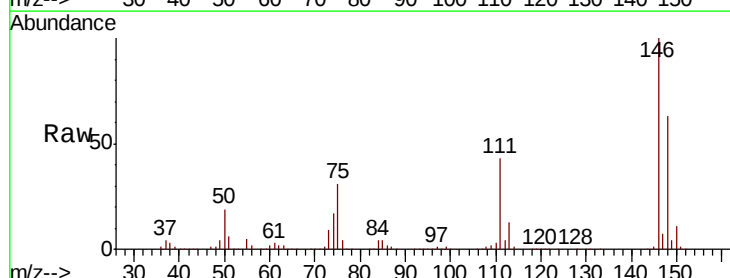
Manual Integrations
APPROVED

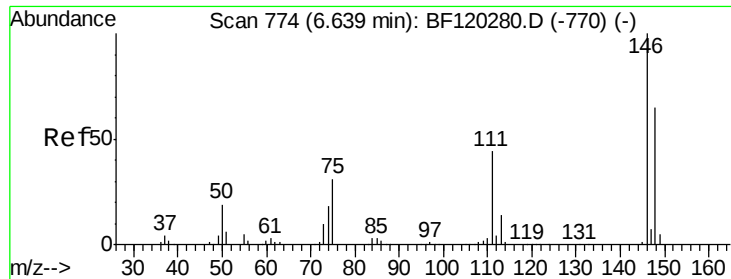
mohammad
5/19/2020 3:05:07 PM



#12
1,3-Dichlorobenzene
Concen: 44.832 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
75	30.8	24.2	36.4





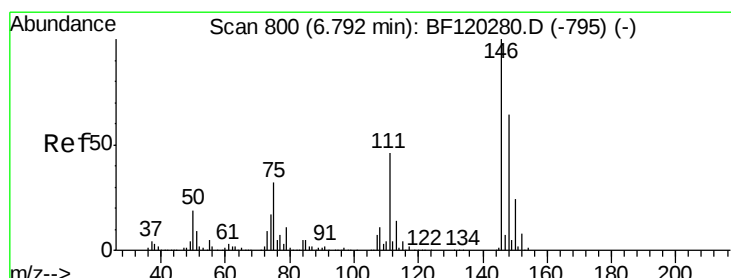
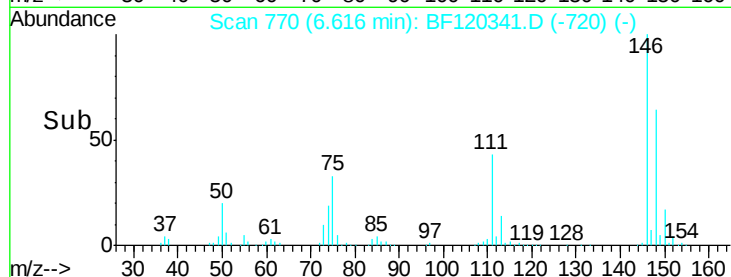
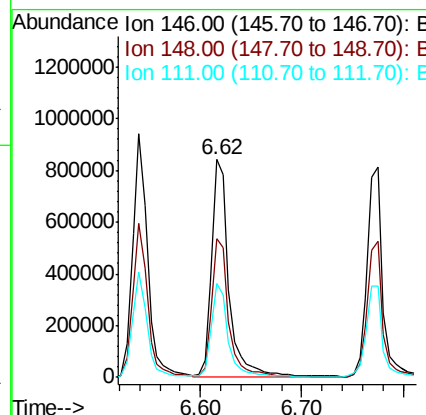
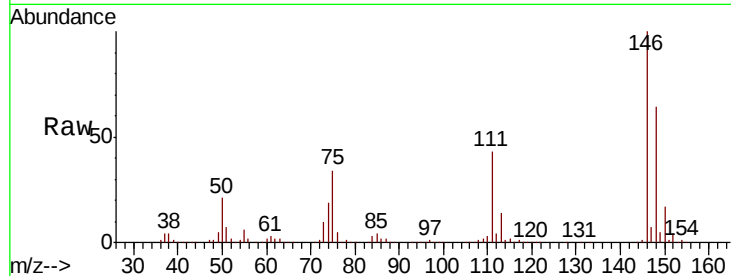
#13
 1,4-Dichlorobenzene
 Concen: 45.292 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	43.2	35.1	52.7

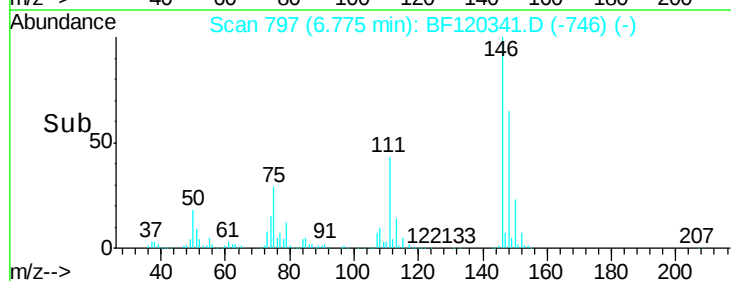
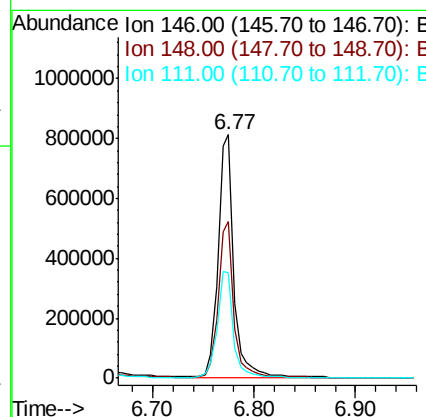
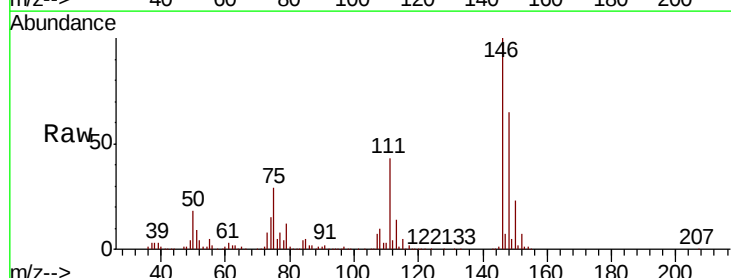
Manual Integrations
 APPROVED

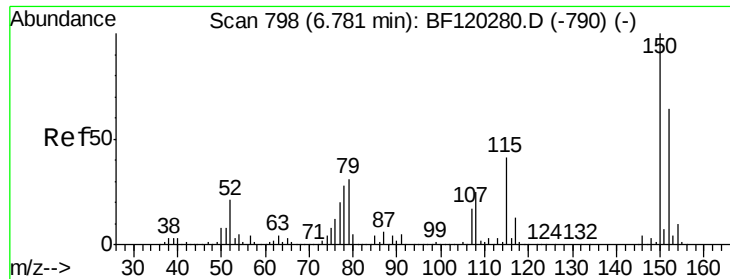
mohammad
 5/19/2020 3:05:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.725 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	43.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 46.164 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion: 79 Resp: 715459

Ion Ratio Lower Upper

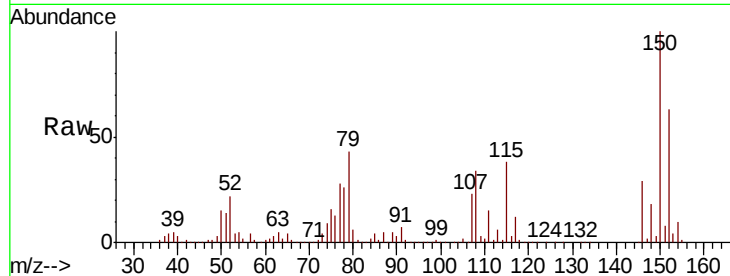
79 100

108 80.4 64.2 96.4

77 64.4 51.6 77.4

Manual Integrations
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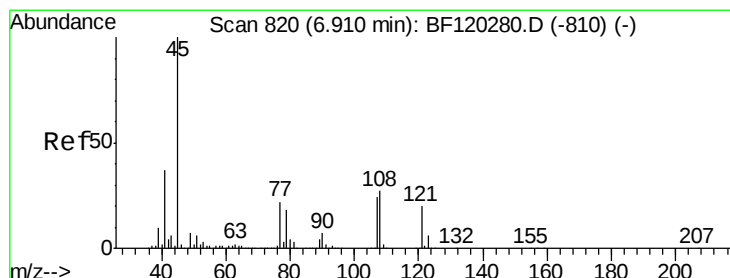
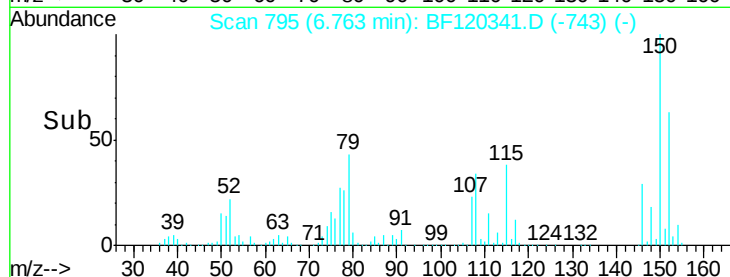
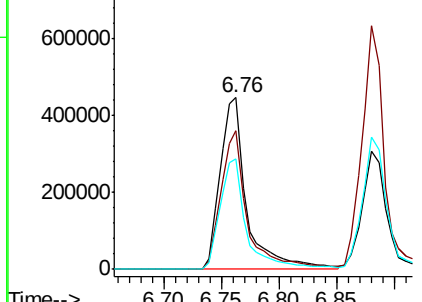
mohammad
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.646 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

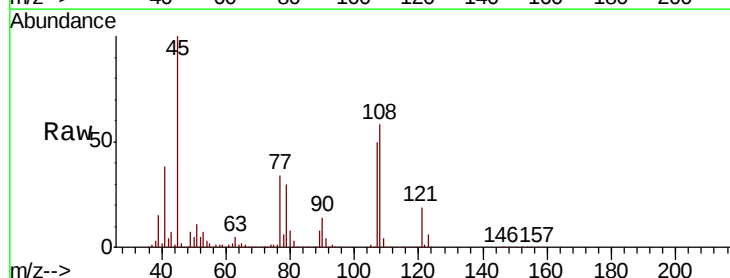
Tgt Ion: 45 Resp: 1463288

Ion Ratio Lower Upper

45 100

77 33.6 3.1 43.1

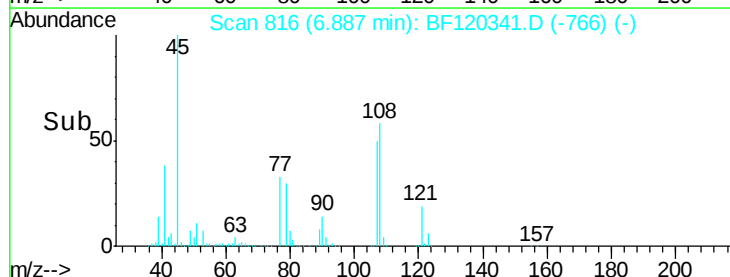
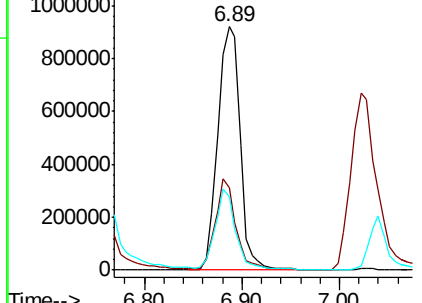
79 30.2 0.0 40.0

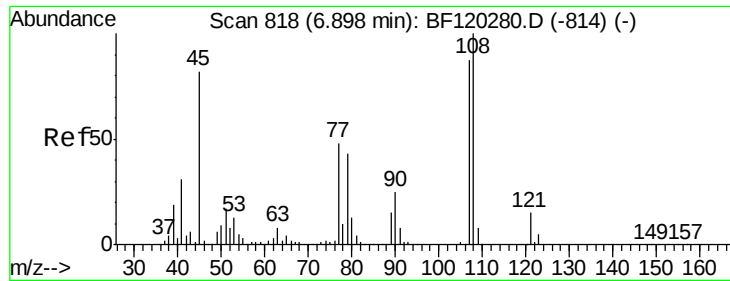


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





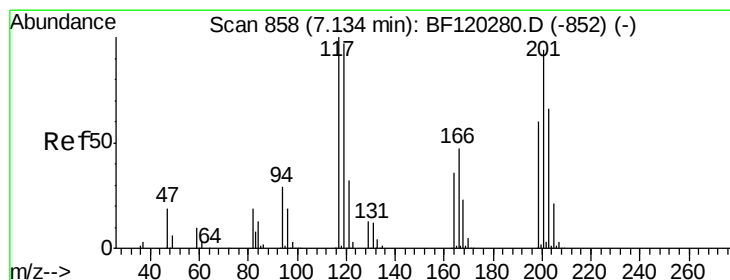
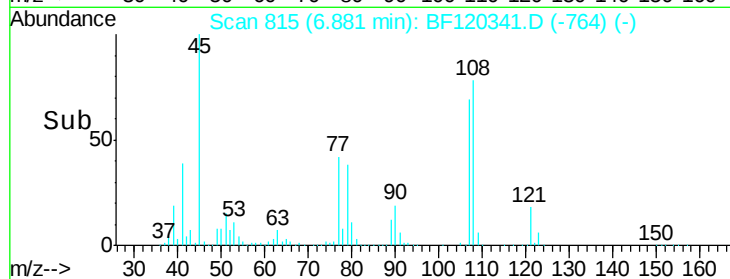
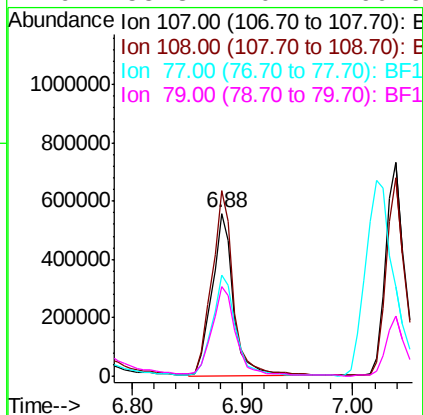
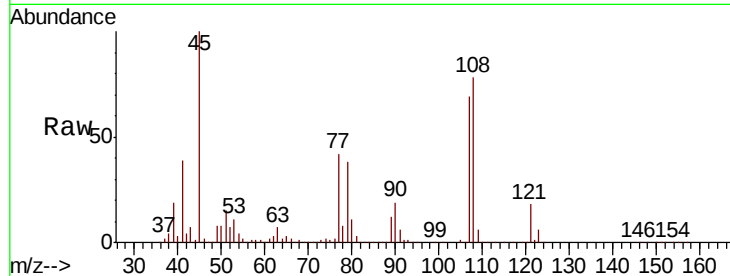
#17
2-Methylphenol
Concen: 43.504 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	92.4	138.6	
77	61.8	44.5	66.7	
79	55.3	40.4	60.6	

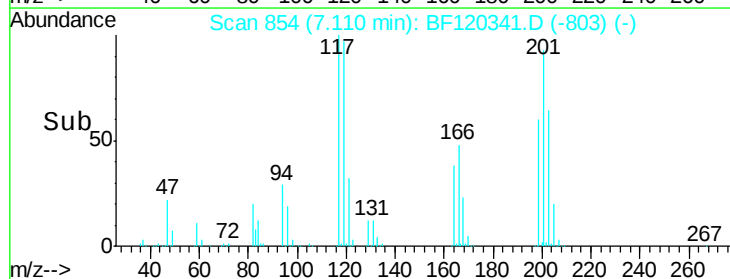
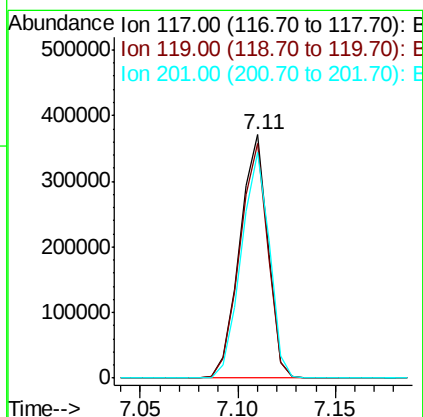
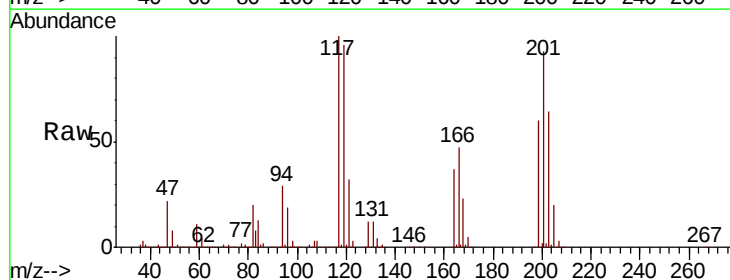
Manual Integrations
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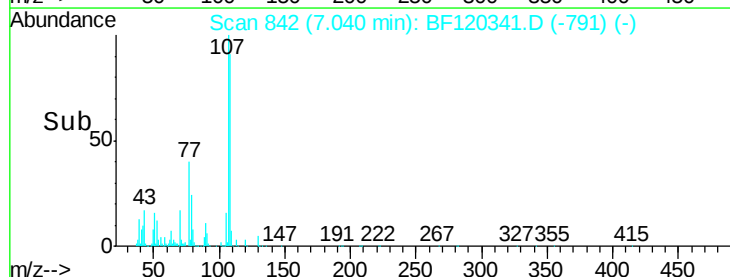
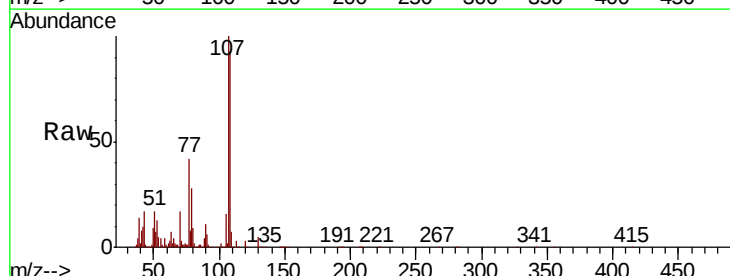
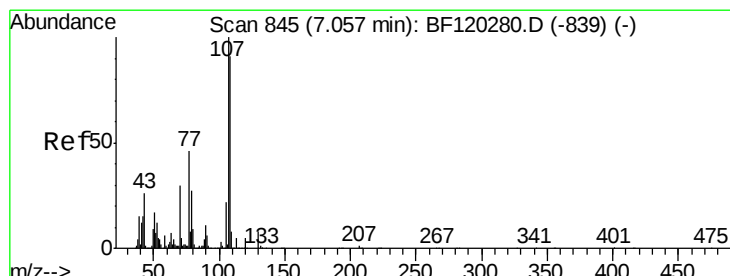
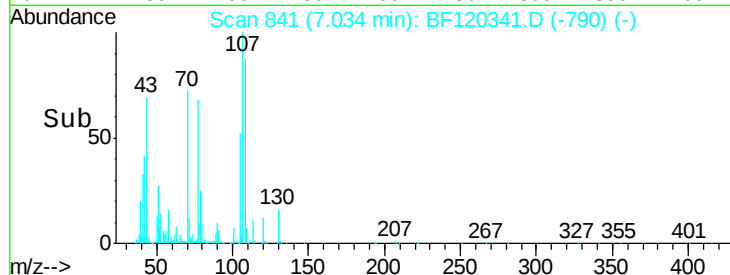
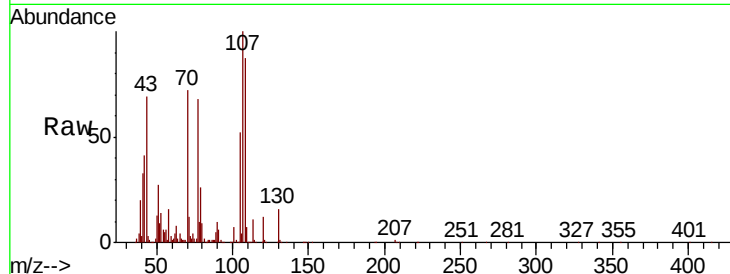
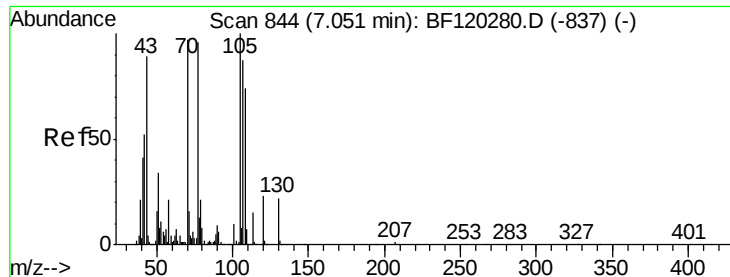
mohammad
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#18
Hexachloroethane
Concen: 43.900 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

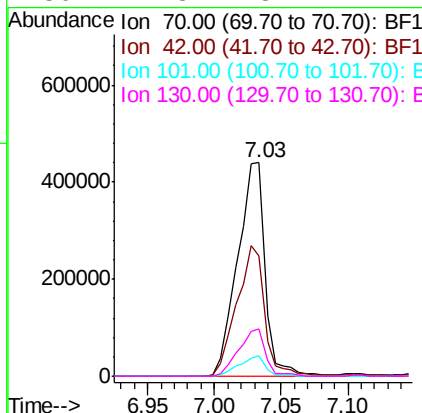
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.4	116.0	
201	92.7	74.9	112.3	





#19
n-Nitroso-di-n-propylamine
Concen: 44.387 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		634376		
42	56.1	43.4	65.0		
101	9.4	7.8	11.8		
130	22.3	18.2	27.4		



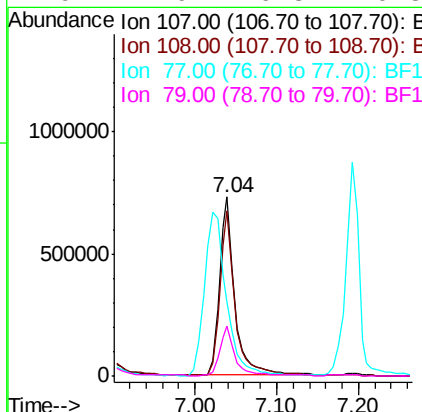
Instrument :
BNA_F
ClientSampleId :
PB128931BS

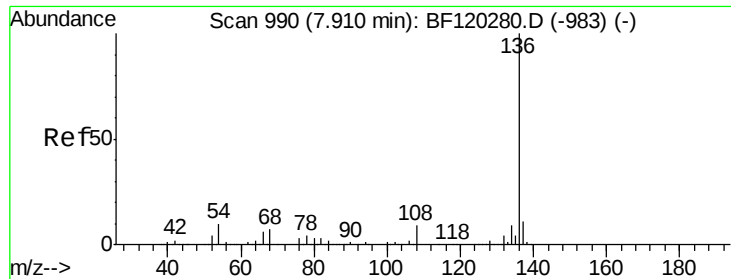
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.041 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		950189		
108	92.6	71.1	111.1		
77	41.7	28.1	68.1		
79	27.9	6.8	46.8		





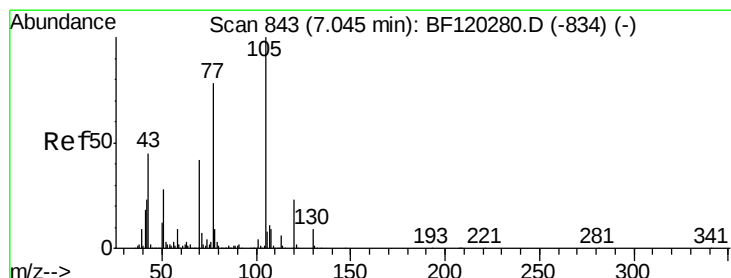
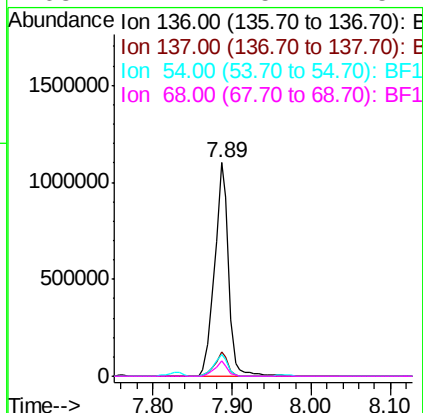
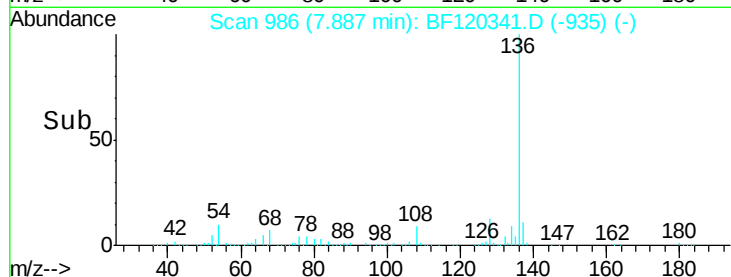
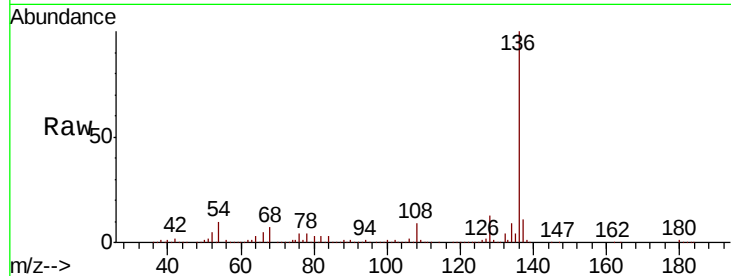
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	136	Resp	1345530
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.4	7.9	11.9
68	7.1	5.4	8.2

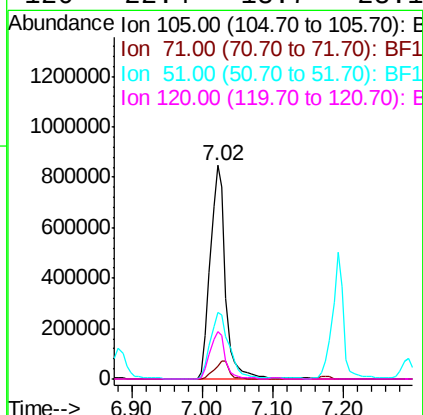
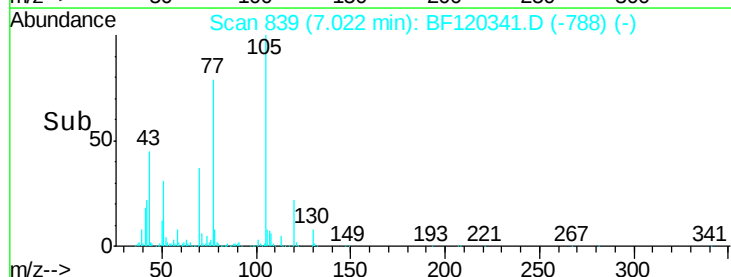
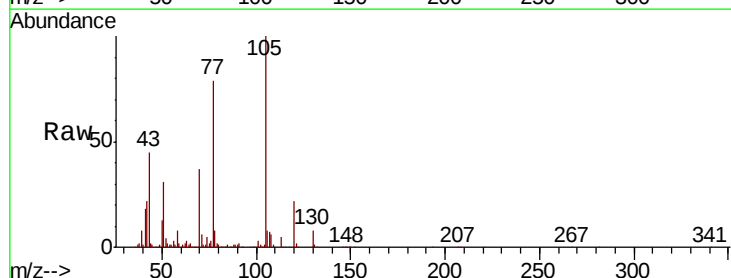
Manual Integrations
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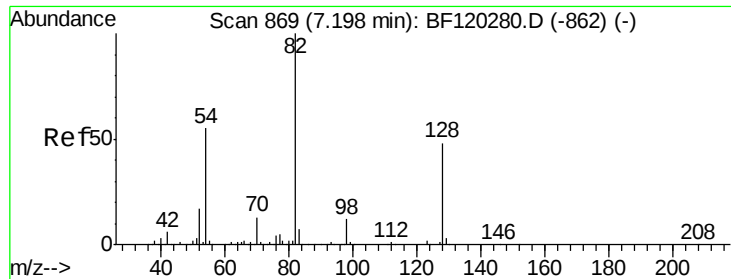
mohammad
5/19/2020 3:05:07 PM



#22
Acetophenone
Concen: 46.493 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	105	Resp	1281570
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.6	8.4
51	31.1	22.6	34.0
120	22.4	18.7	28.1





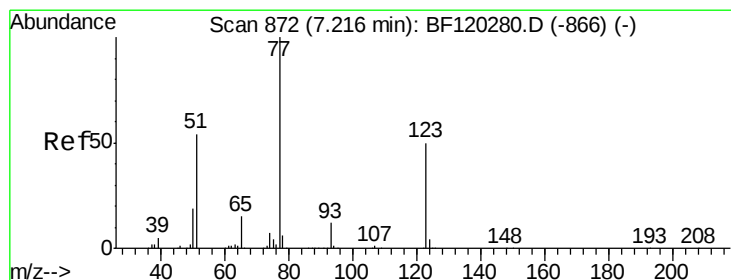
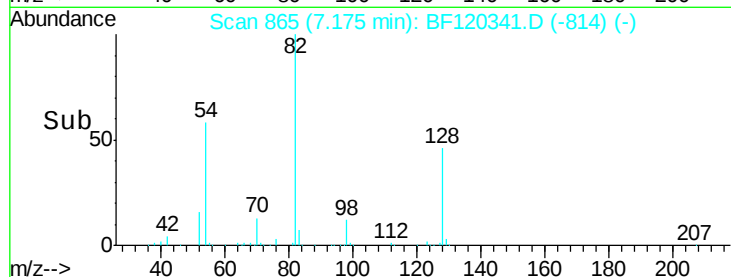
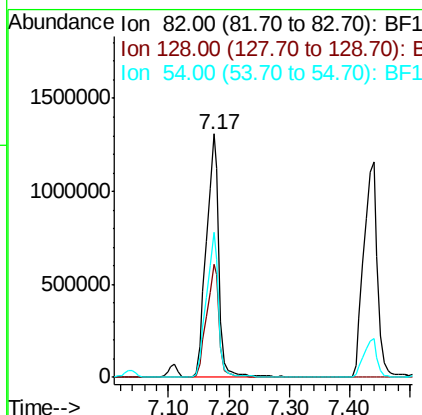
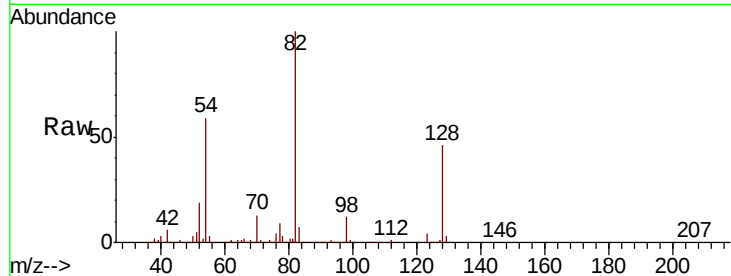
#23
 Nitrobenzene-d5
 Concen: 98.084 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion	82	Resp	1927580
Ion Ratio	100	Lower	Upper
82	100		
128	46.2	38.3	57.5
54	59.4	43.9	65.9

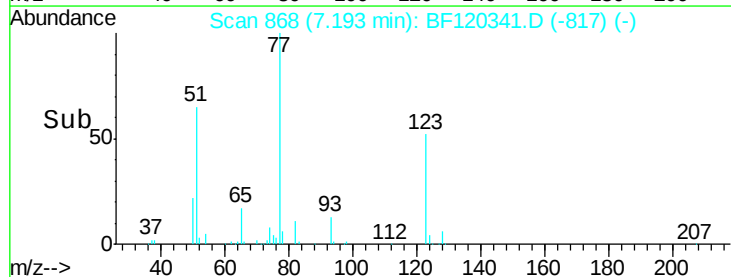
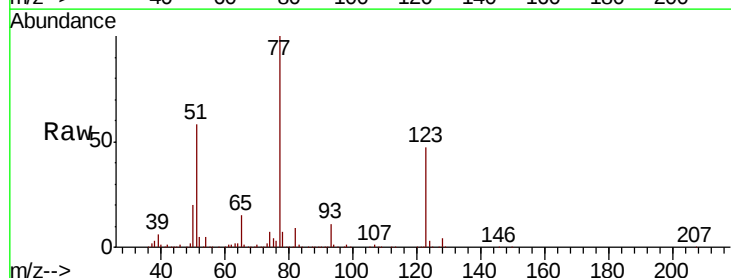
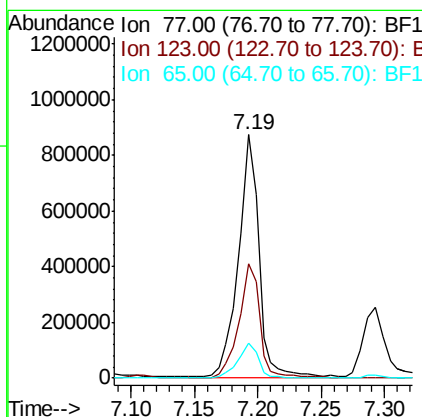
Manual Integrations
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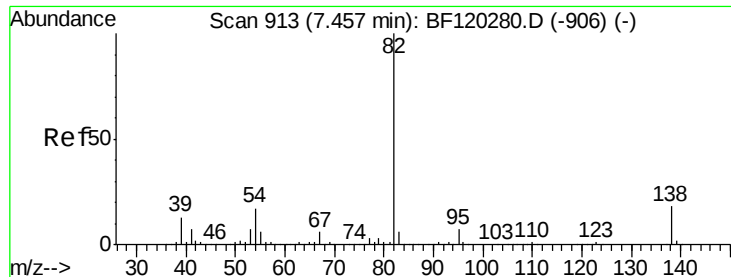
mohammad
 5/19/2020 3:05:07 PM



#24
 Nitrobenzene
 Concen: 46.366 ng
 RT: 7.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	77	Resp	980649
Ion Ratio	100	Lower	Upper
77	100		
123	46.9	40.0	60.0
65	14.6	11.7	17.5





#25

Isophorone

Concen: 44.998 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion: 82 Resp: 1839997

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

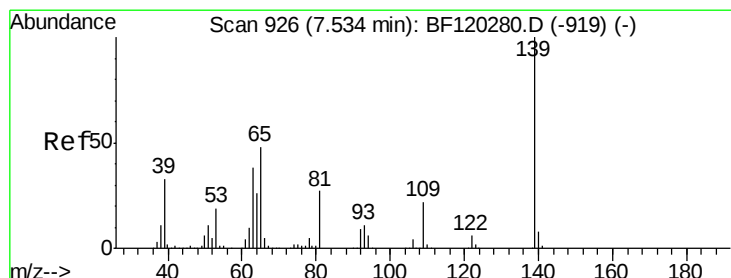
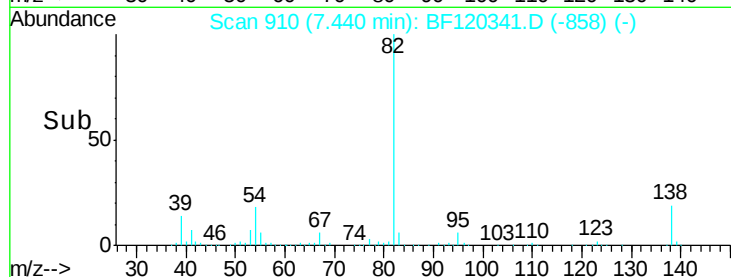
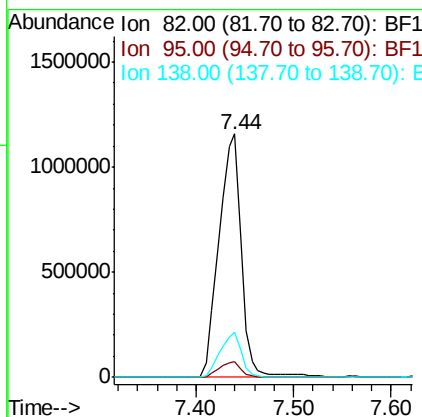
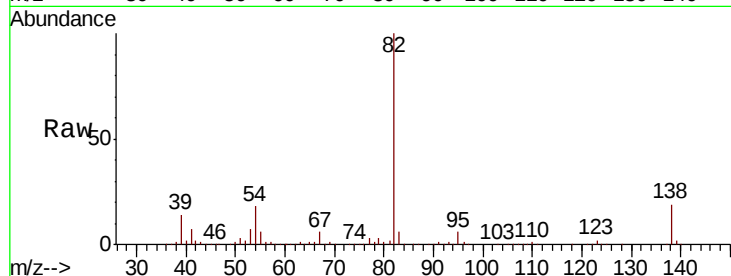
138 18.6 14.7 22.1

Manual Integrations

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5/19/2020 3:05:07 PM



#26

2-Nitrophenol

Concen: 48.526 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

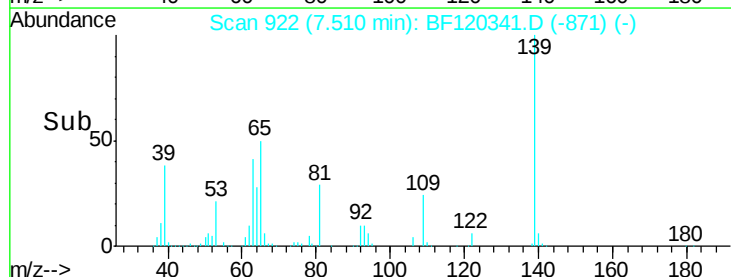
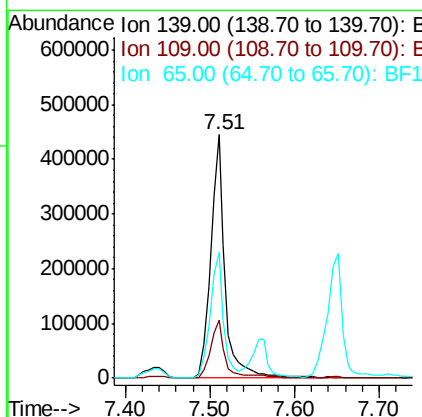
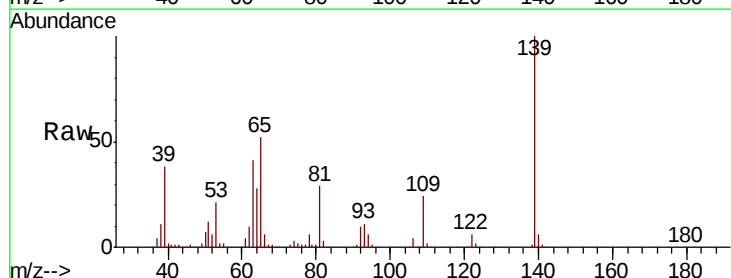
Tgt Ion: 139 Resp: 536767

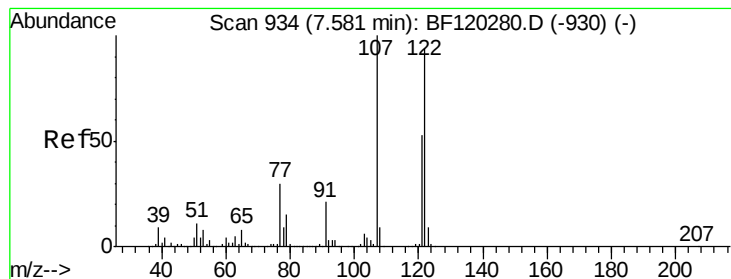
Ion Ratio Lower Upper

139 100

109 23.8 17.7 26.5

65 51.5 38.3 57.5





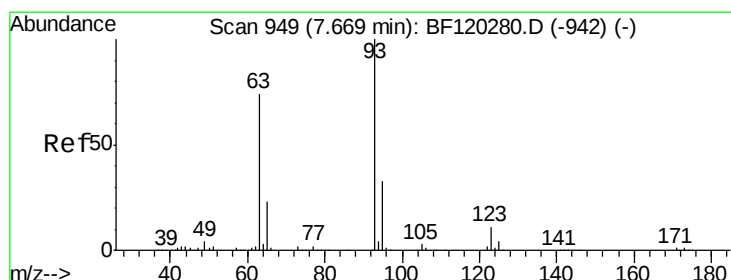
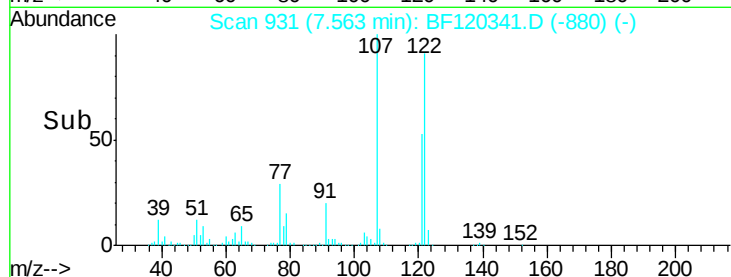
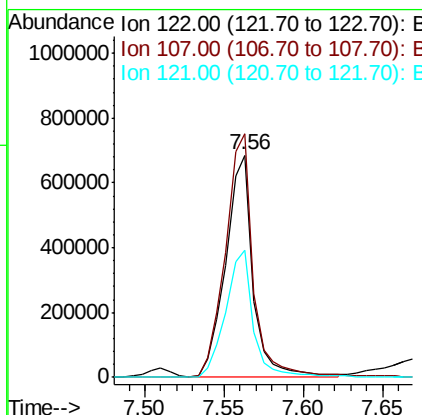
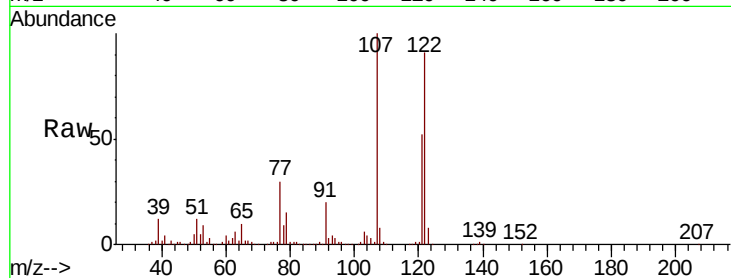
#27
2,4-Dimethylphenol
Concen: 50.943 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	819717		
107	109.7	85.0	127.6	
121	57.5	45.1	67.7	

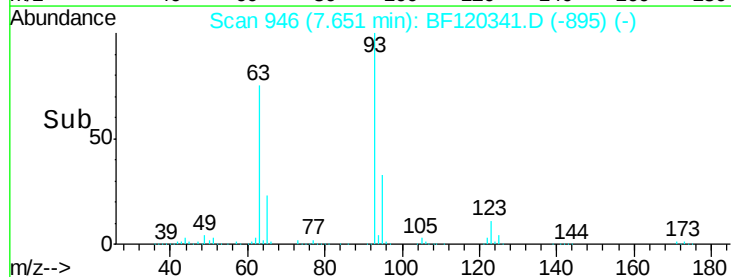
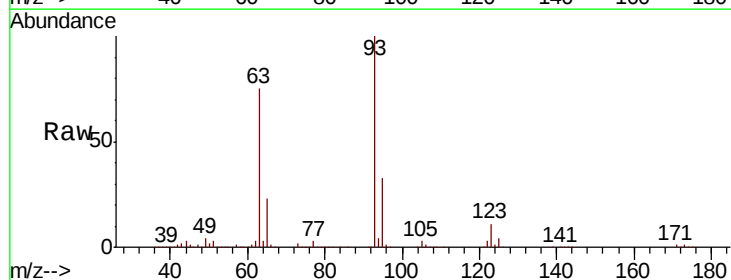
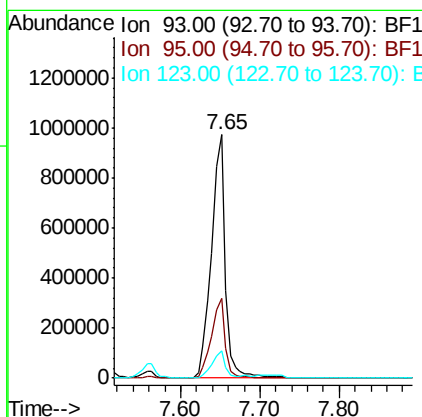
Manual Integrations
APPROVED

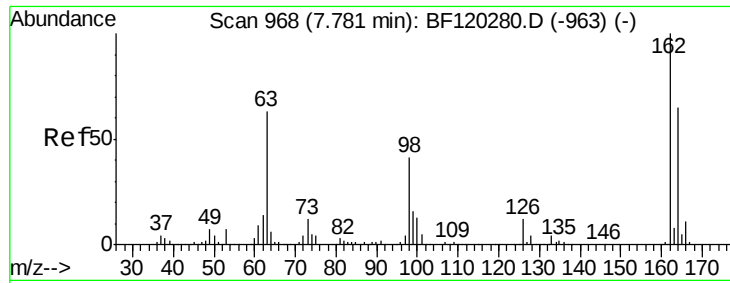
mohammad
5/19/2020 3:05:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.371 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1191802		
95	33.0	26.8	40.2	
123	11.3	9.2	13.8	





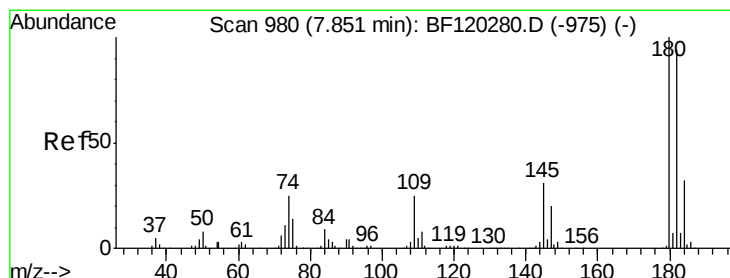
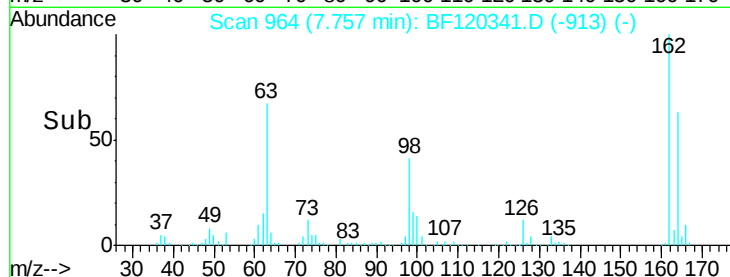
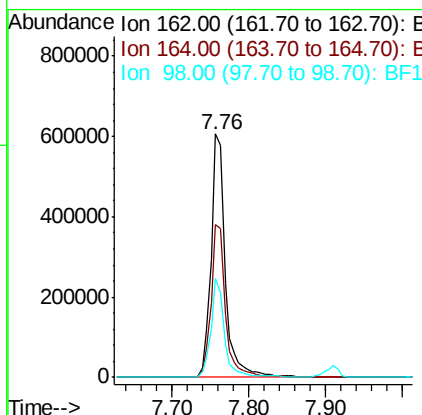
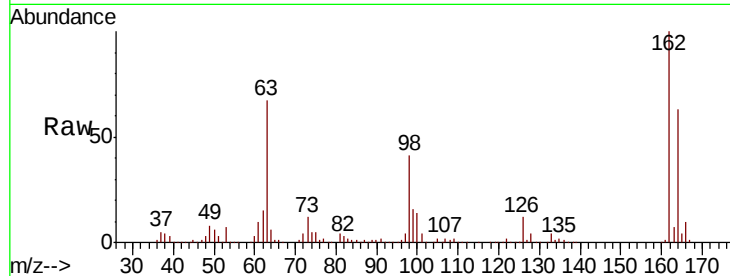
#29
2,4-Dichlorophenol
Concen: 46.727 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		772215		
164	62.8	44.9	84.9		
98	40.8	20.7	60.7		

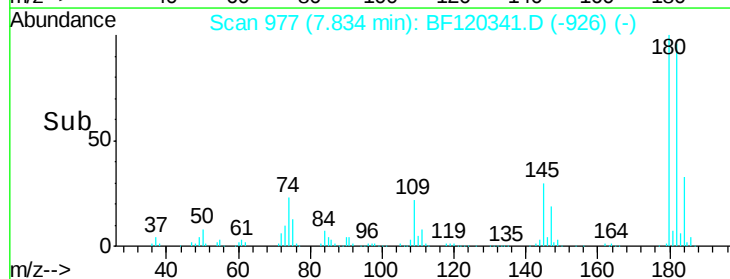
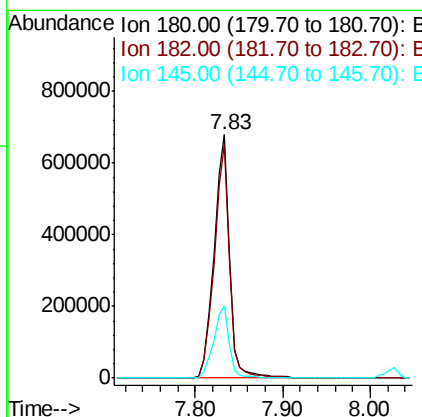
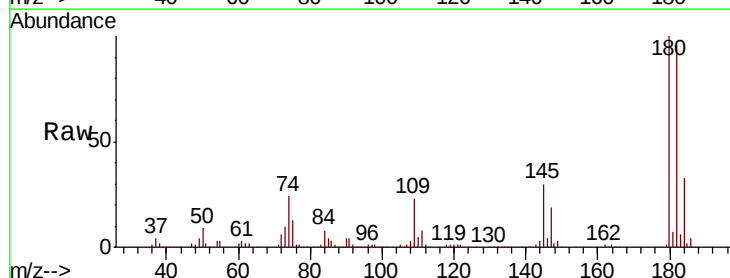
Manual Integrations
APPROVED

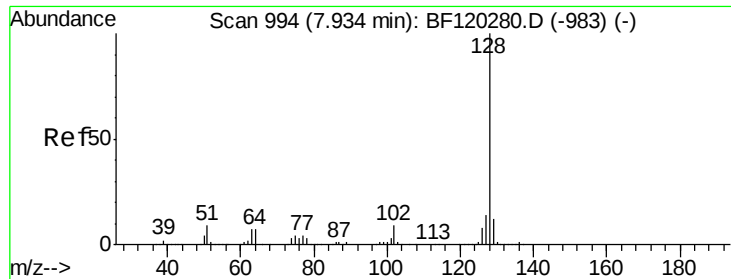
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.724 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		837367		
182	95.7	75.3	112.9		
145	29.8	24.9	37.3		





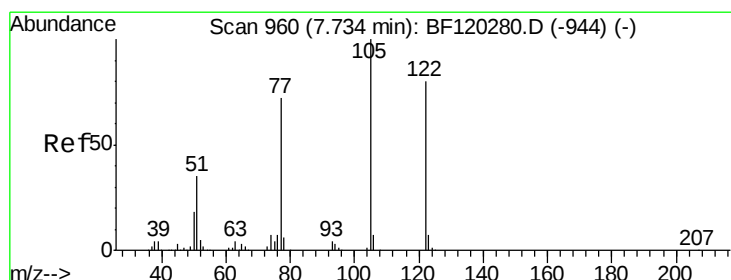
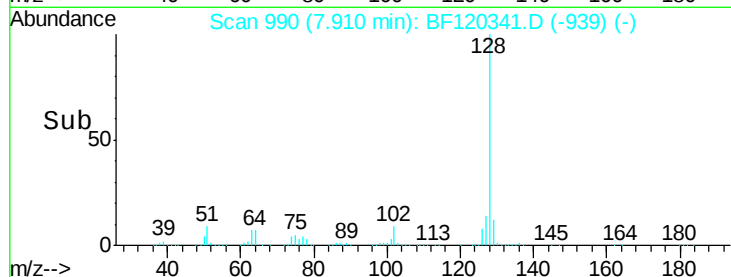
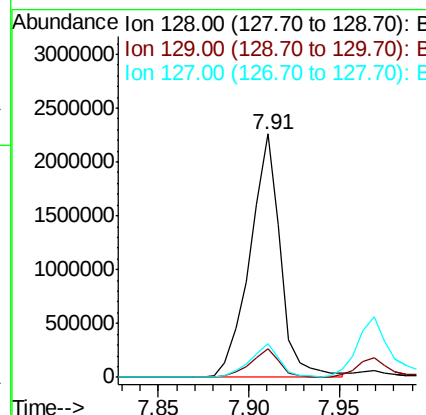
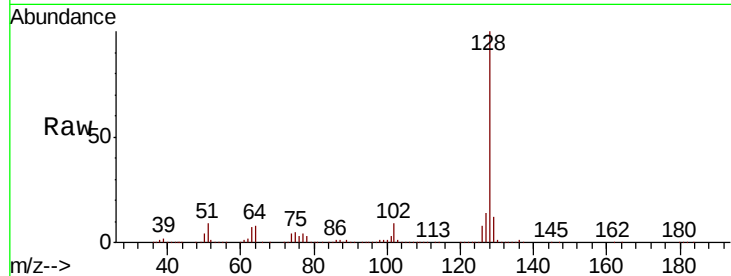
#31
Naphthalene
Concen: 46.592 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

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

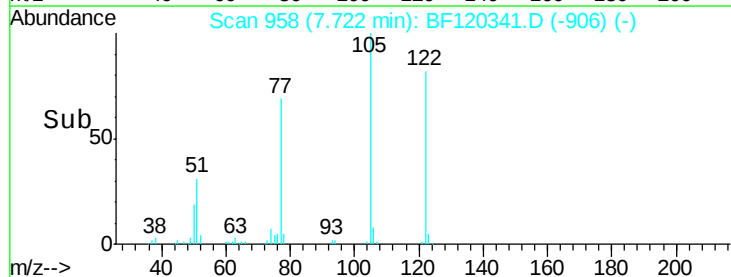
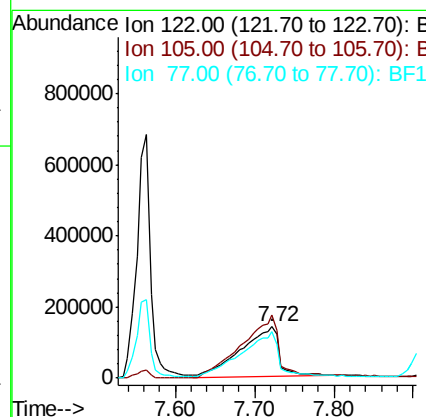
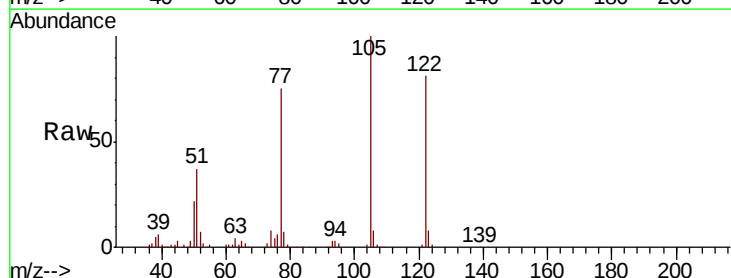
Manual Integrations
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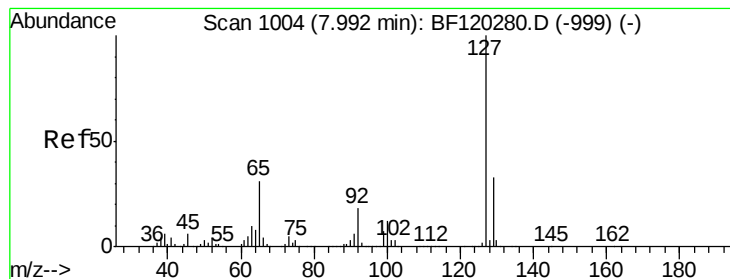
mohammad
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#32
Benzoic acid
Concen: 45.108 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	98.1	138.1
77	91.6	66.7	106.7





#33

4-Chloroaniline

Concen: 29.485 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

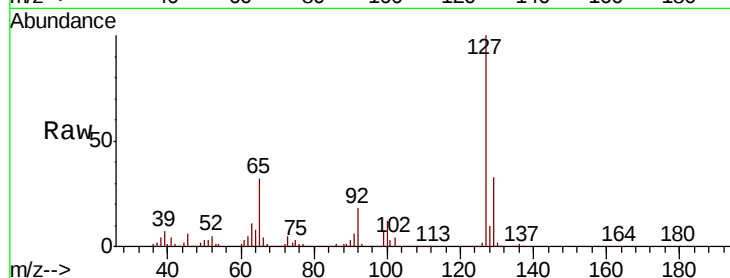
ClientSampleId :

PB128931BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.4	39.6		
65	31.5	24.8	37.2		
92	18.0	14.5	21.7		

Manual Integrations
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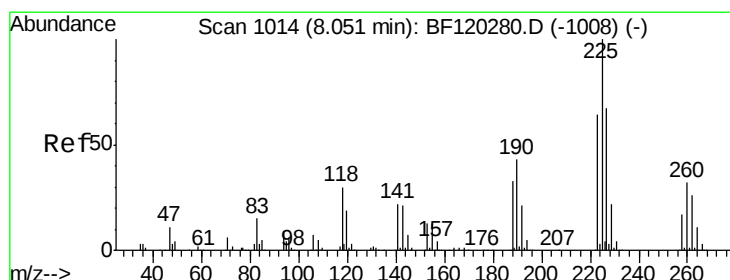
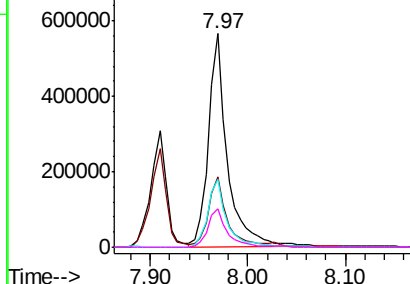
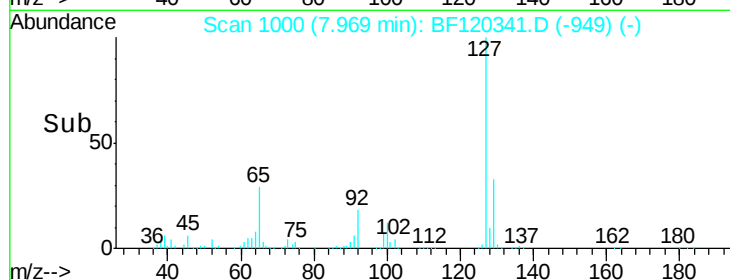
Abundance

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: 44.200 ng

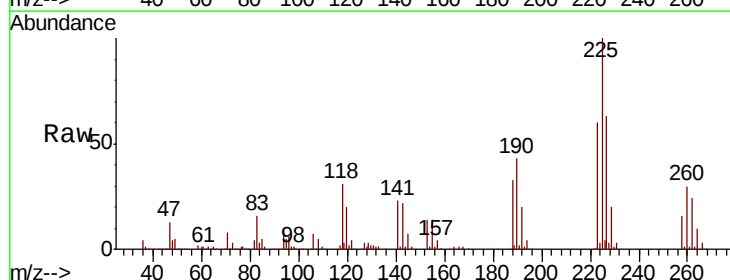
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.3	51.4	77.0		
227	63.1	54.0	81.0		

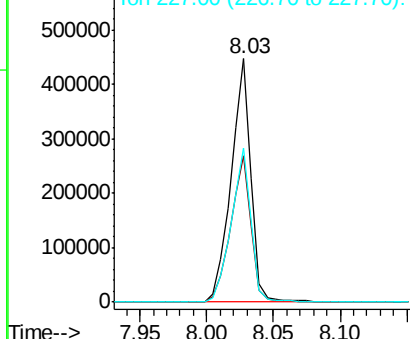
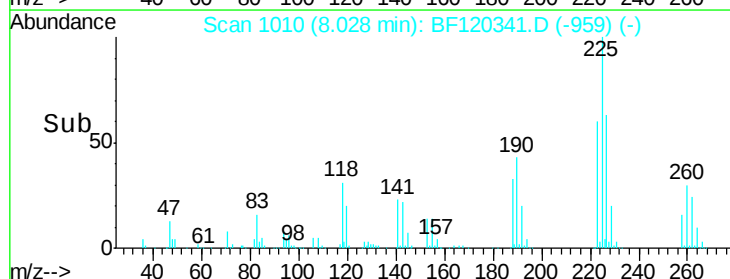


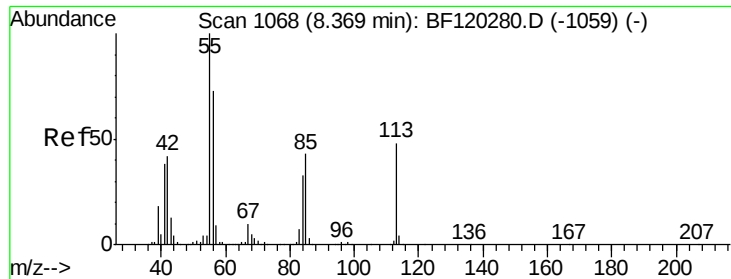
Abundance

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





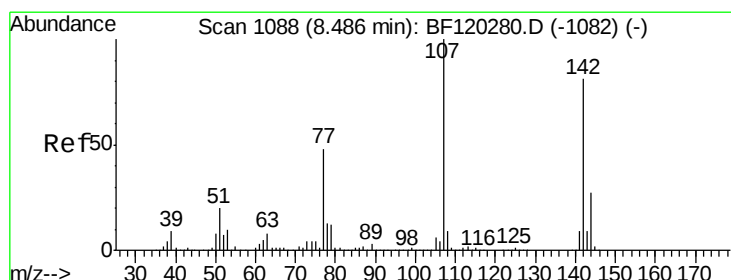
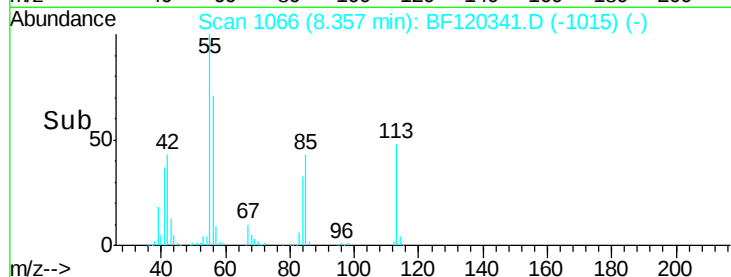
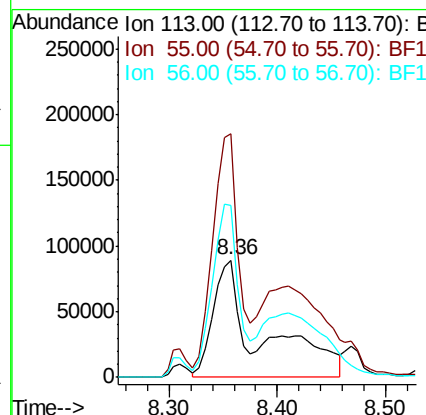
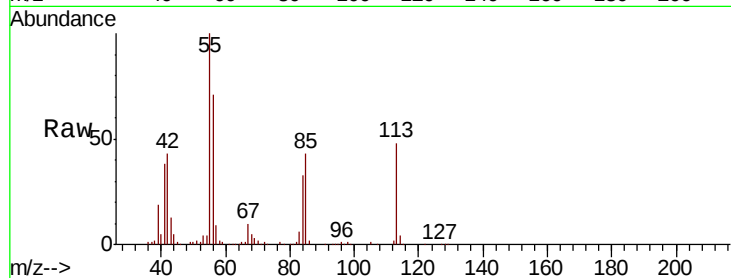
#35
 Caprolactam
 Concen: 50.389 ng/ml
 RT: 8.36 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleID :
 PB128931BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.6	190.4	230.4
56	146.6	132.7	172.7

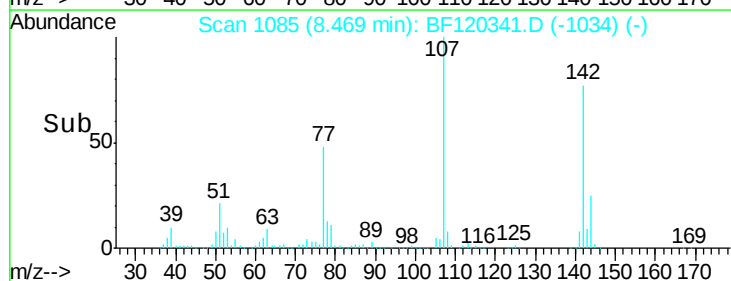
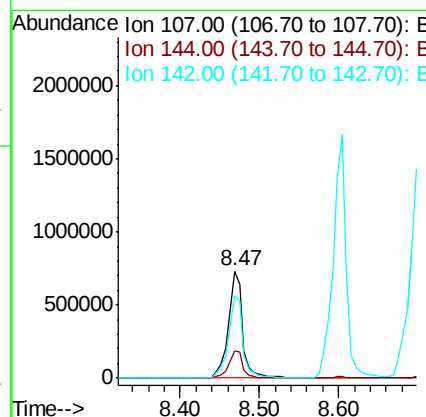
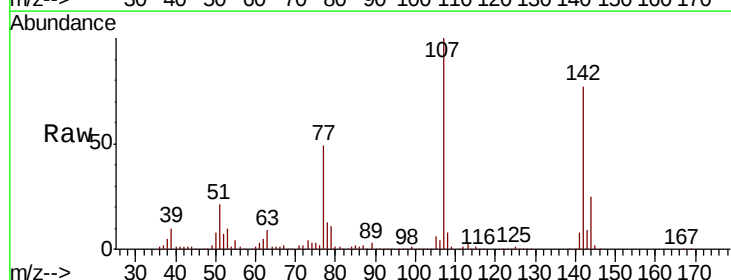
Manual Integrations
 APPROVED

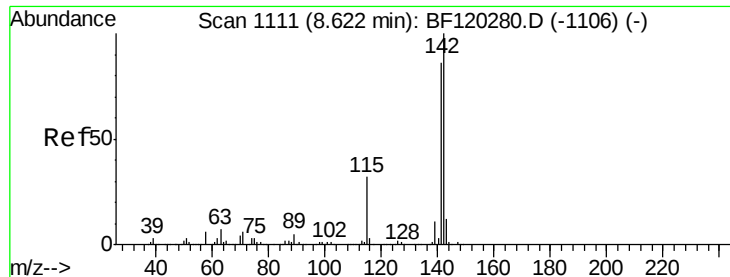
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 51.079 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.4	32.2
142	77.0	65.1	97.7





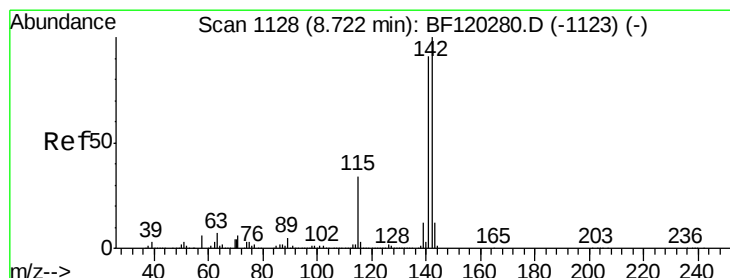
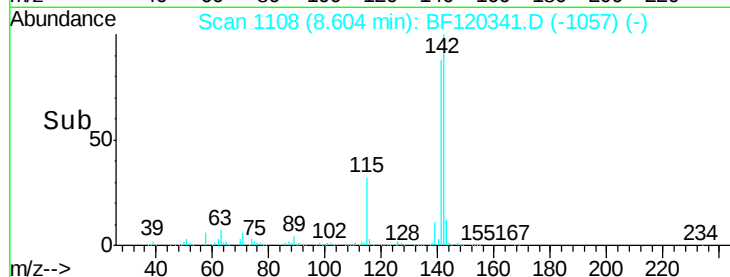
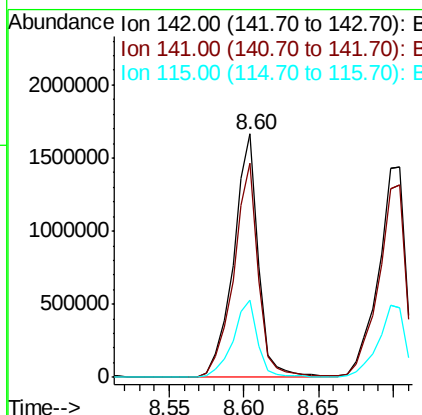
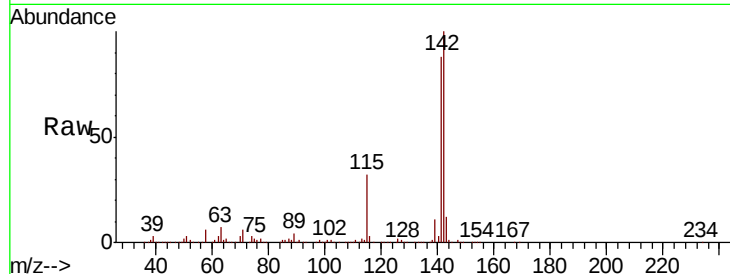
#37
2-Methylnaphthalene
Concen: 50.039 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.8	103.2
115	31.9	25.7	38.5

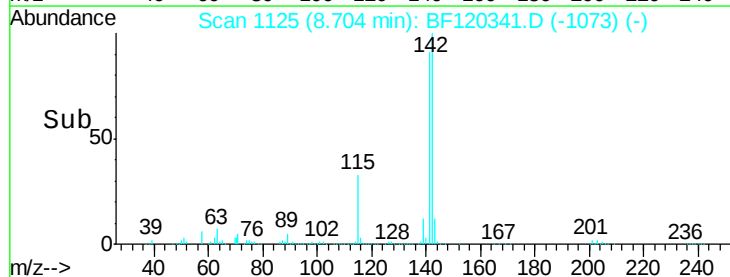
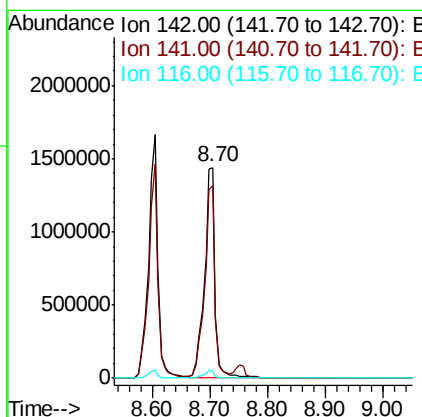
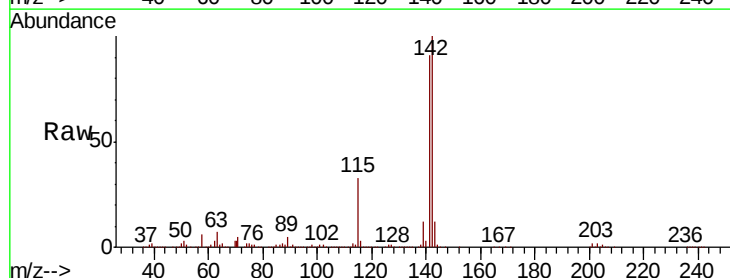
Manual Integrations
APPROVED

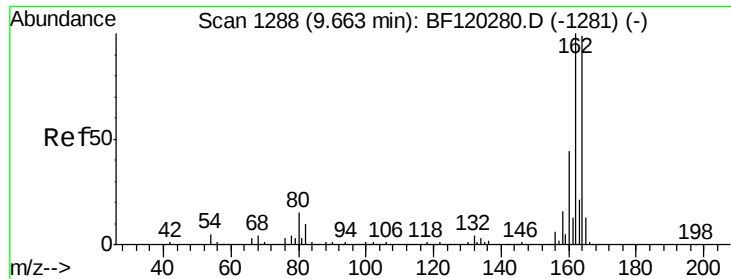
mohammad
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#38
1-Methylnaphthalene
Concen: 50.001 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.6
116	3.3	2.7	4.1





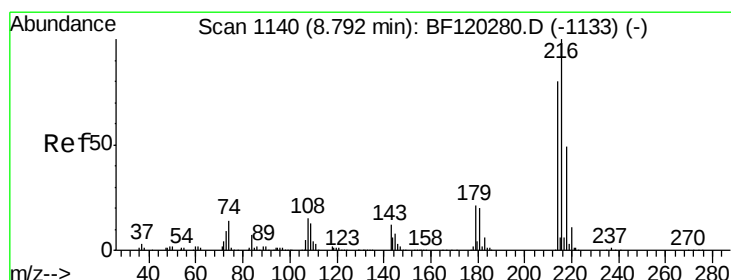
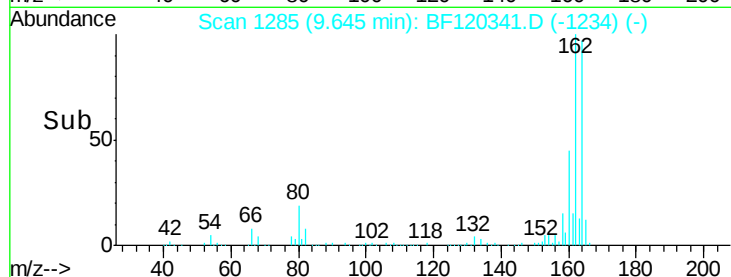
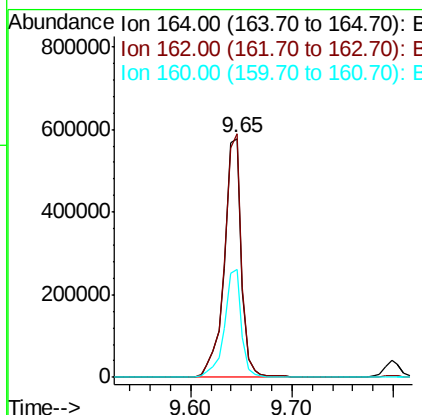
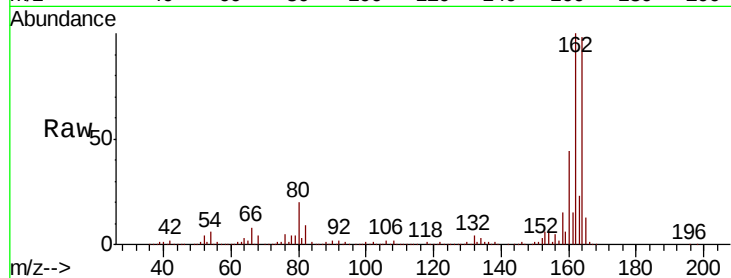
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	81.2	121.8	
160	45.4	35.8	53.6	

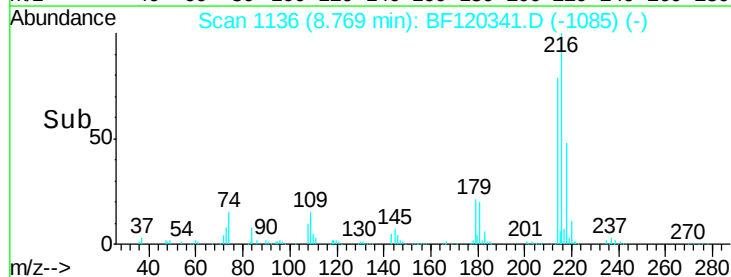
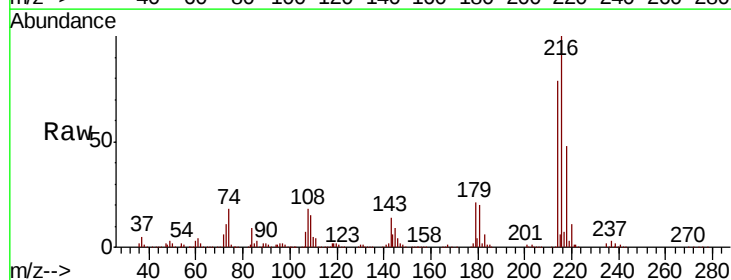
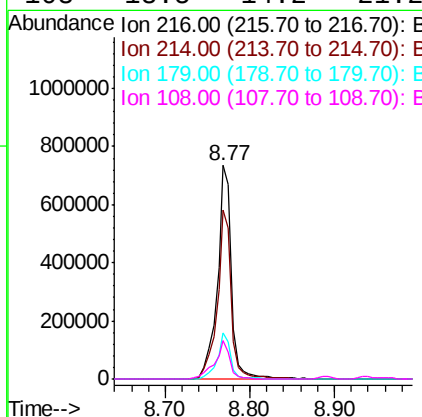
Manual Integrations
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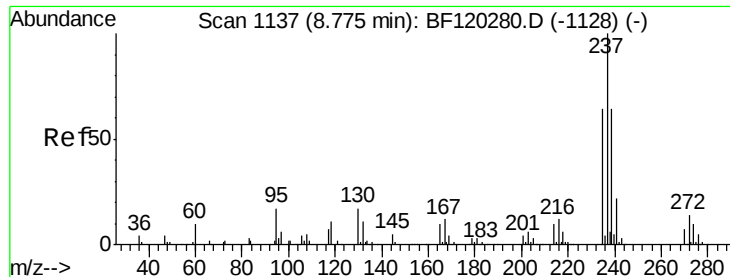
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.832 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	64.0	96.0	
179	20.7	16.9	25.3	
108	18.5	14.2	21.2	





#41

Hexachlorocyclopentadiene

Concen: 104.881 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

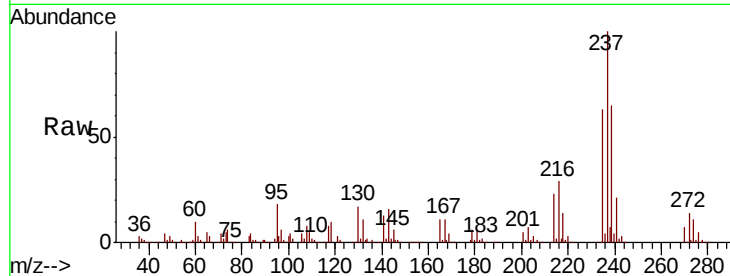
ClientSampleId :

PB128931BS

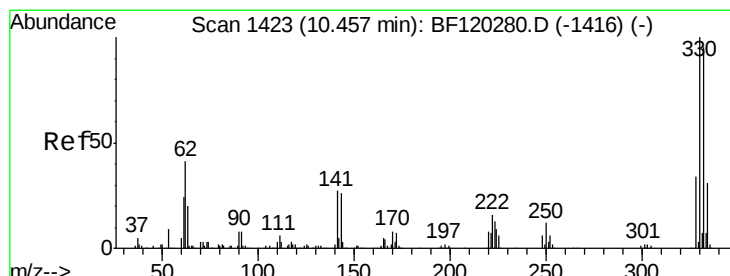
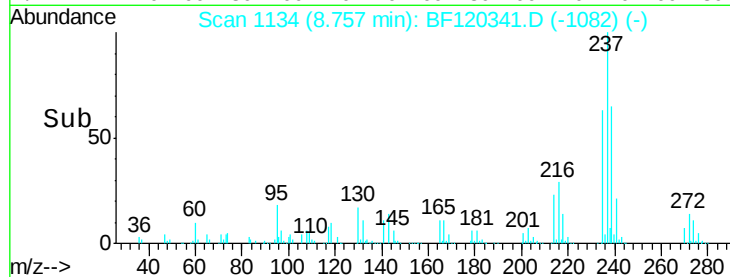
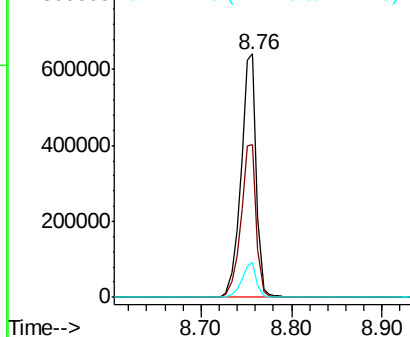
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.6	43.8	83.8	
272	14.3	0.0	33.9	

Manual Integrations
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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: 128.077 ng

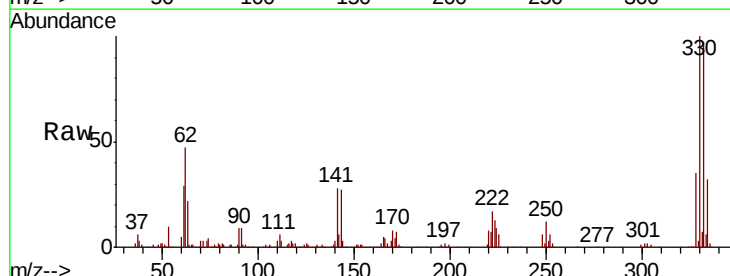
RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

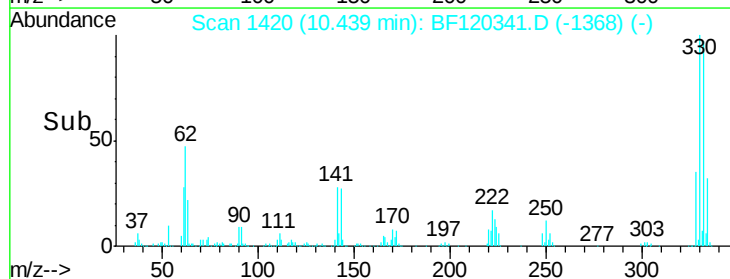
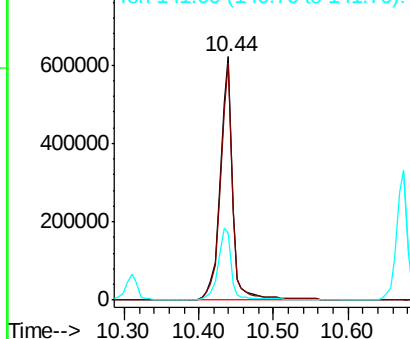
Lab File: BF120341.D

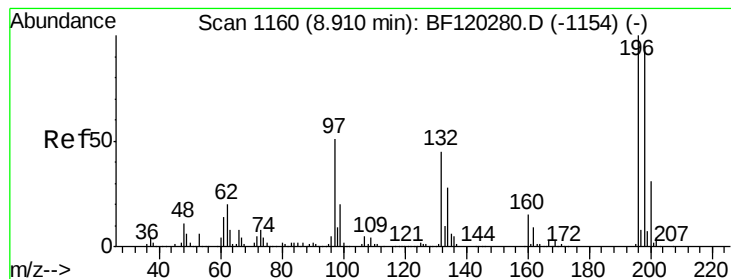
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.5	114.7	
141	31.3	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: 49.268 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

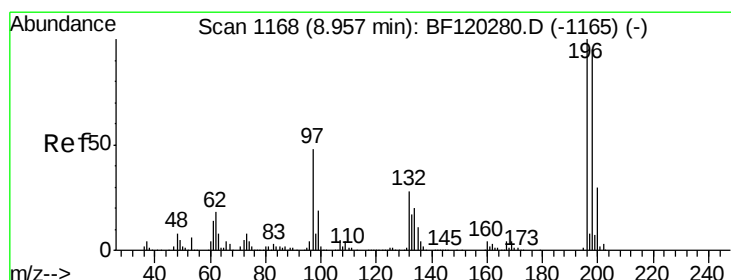
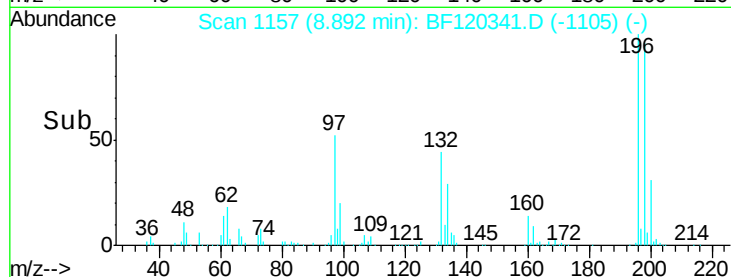
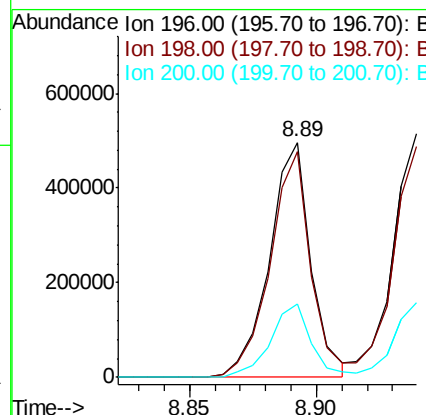
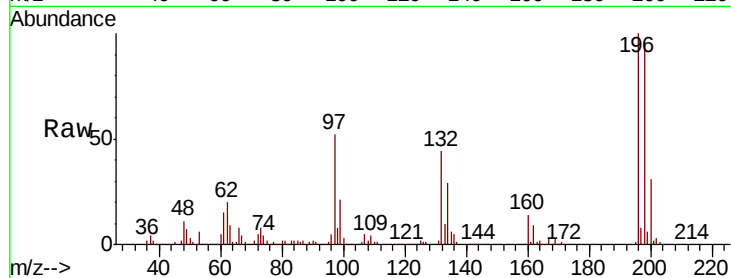
ClientSampleId :

PB128931BS

Tot Ion:	196	Resp:	566752
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.2	114.4
200	31.2	24.9	37.3

Manual Integrations
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#44

2,4,5-Trichlorophenol

Concen: 46.272 ng

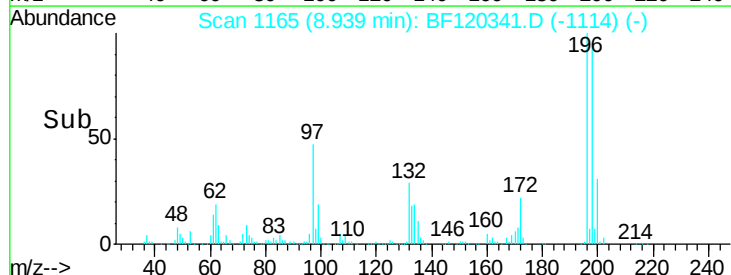
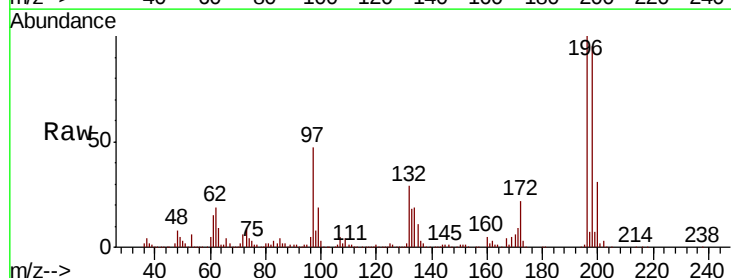
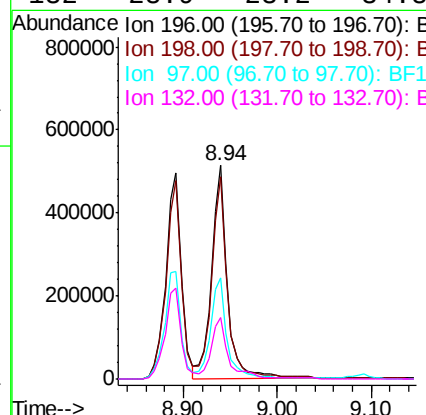
RT: 8.94 min Scan# 1165

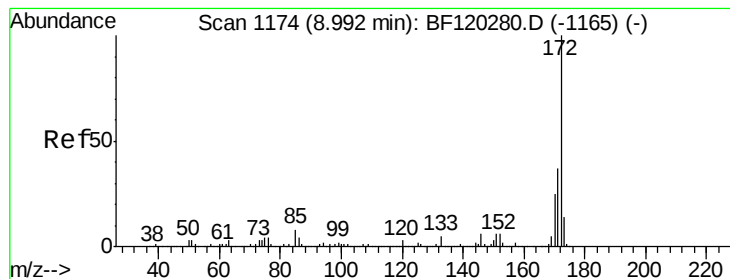
Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:	196	Resp:	611293
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
97	47.4	38.6	57.8
132	28.9	23.2	34.8





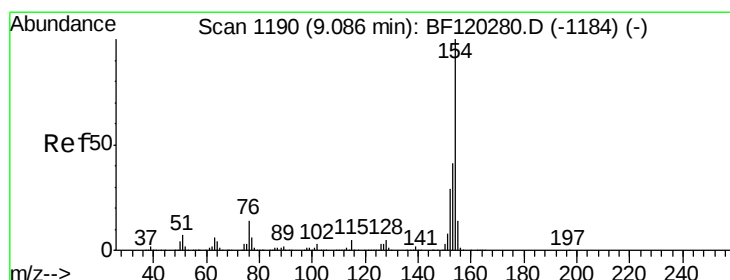
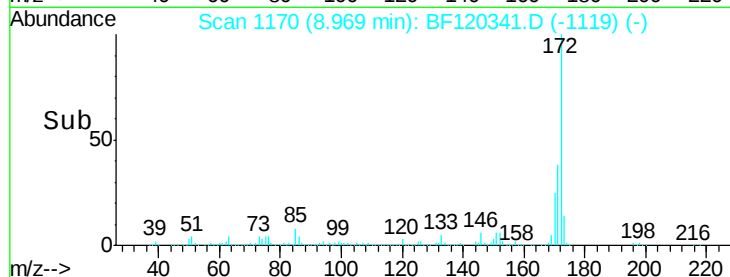
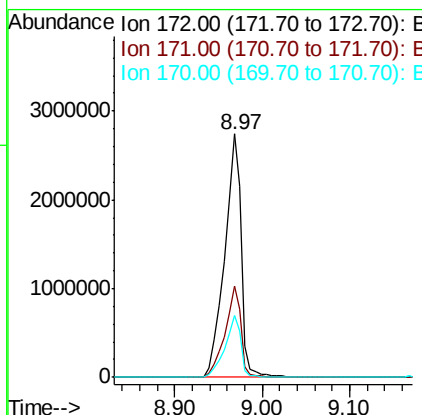
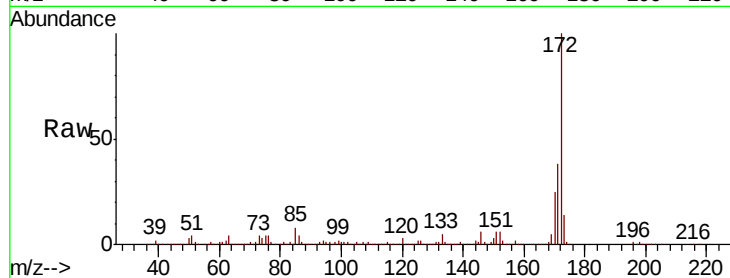
#45
2-Fluorobiphenyl
Concen: 109.481 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.2	19.9	29.9

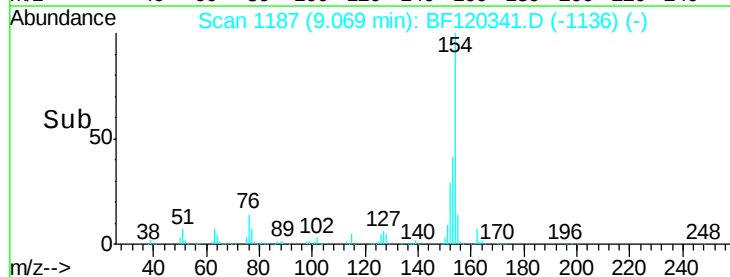
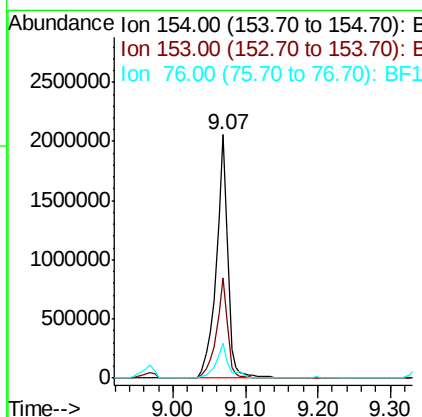
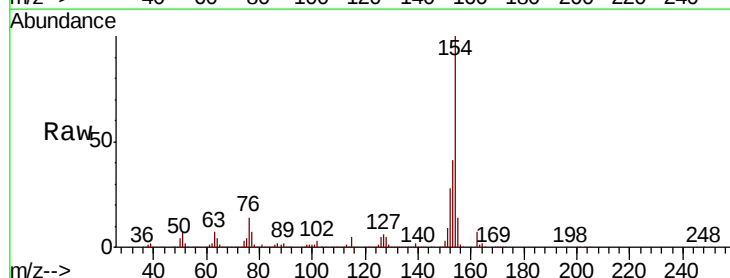
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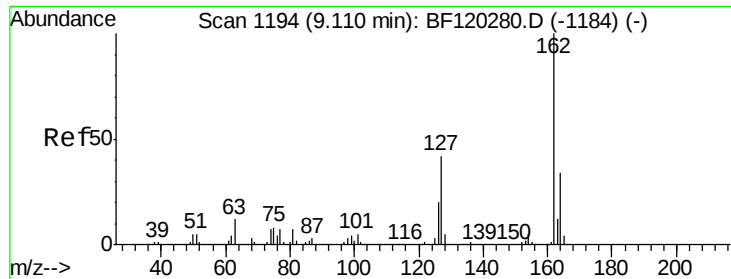
mohammad
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#46
1,1'-Biphenyl
Concen: 51.710 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.8	60.8
76	14.5	0.0	34.3





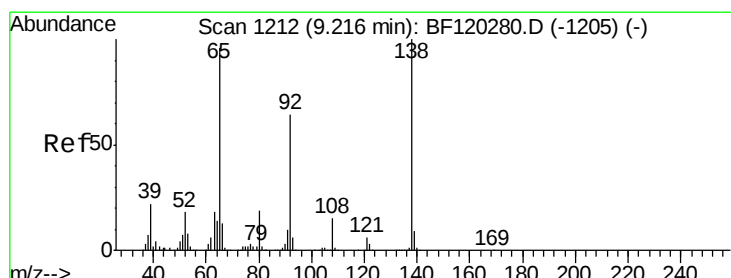
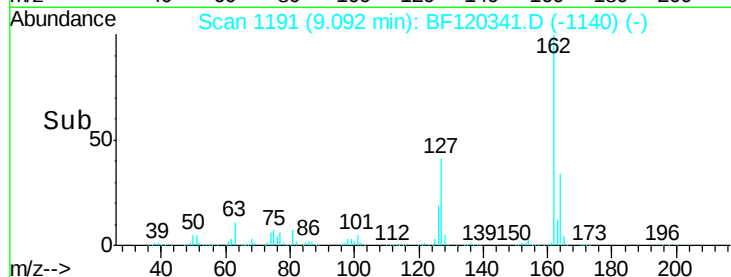
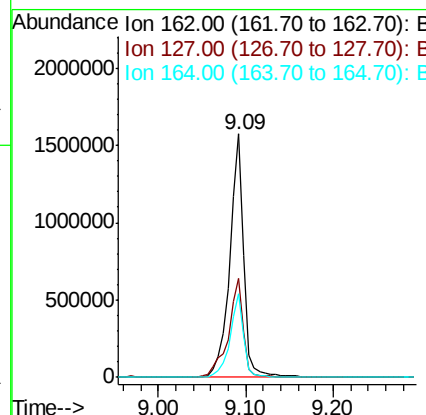
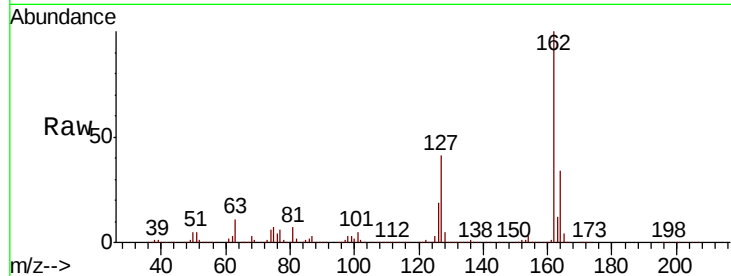
#47
2-Chloronaphthalene
Concen: 48.981 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.0
164	34.1	27.0	40.6

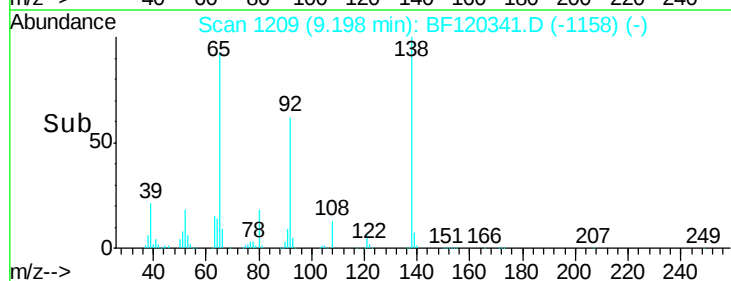
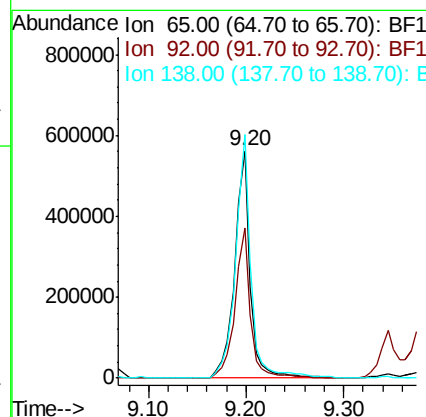
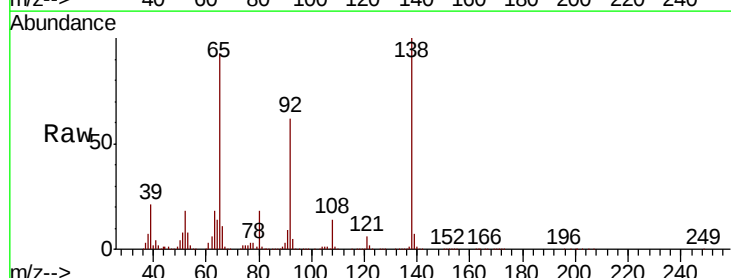
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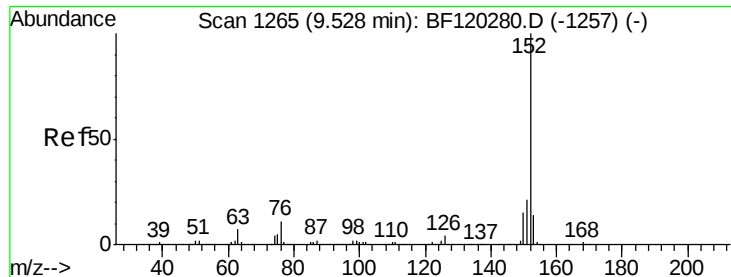
mohammad
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#48
2-Nitroaniline
Concen: 47.997 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	52.9	79.3
138	107.2	83.0	124.4





#49

Acenaphthylene

Concen: 50.051 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion:152 Resp: 2731047

Ion Ratio Lower Upper

152 100

151 21.1 16.6 25.0

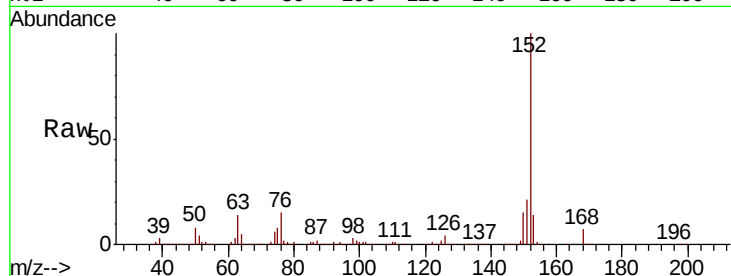
153 14.0 11.1 16.7

Manual Integrations

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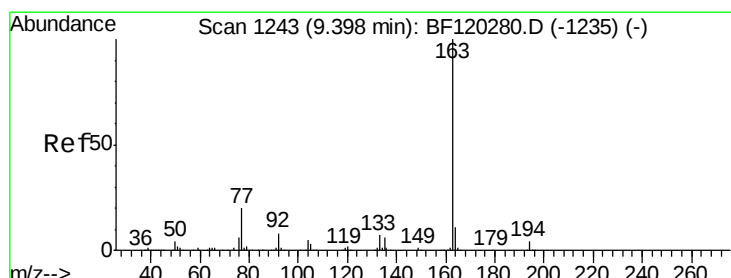
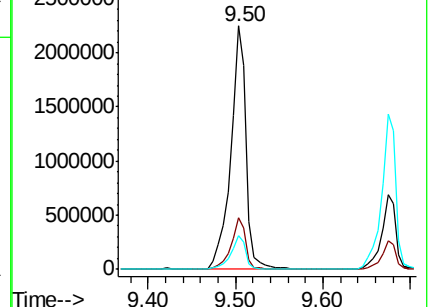
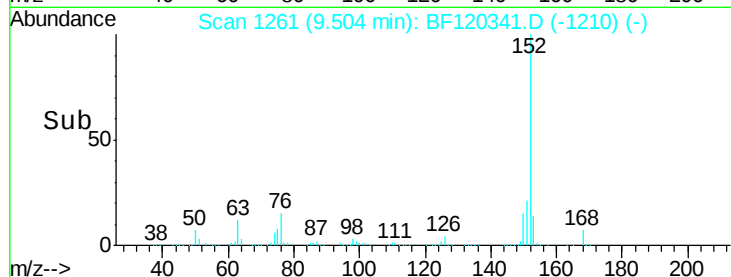
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.712 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

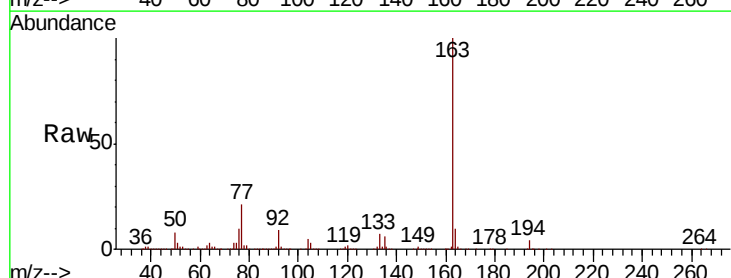
Tgt Ion:163 Resp: 2049868

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

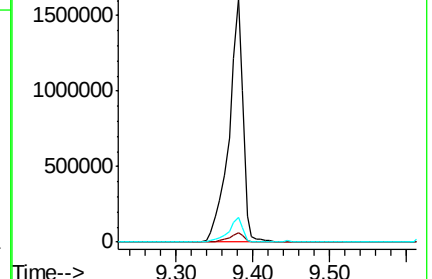
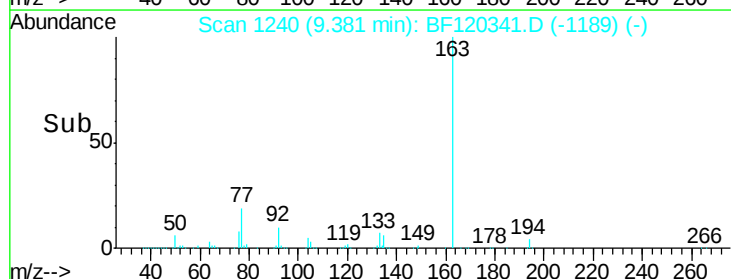
164 10.4 8.6 12.8

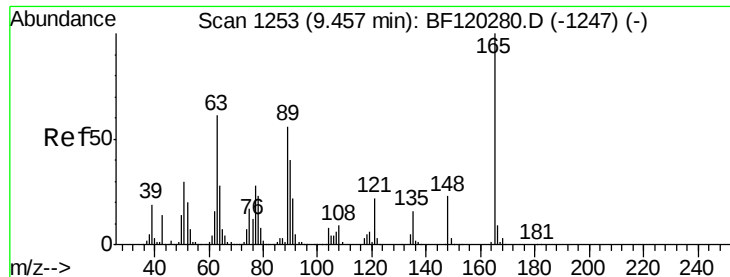


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.254 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

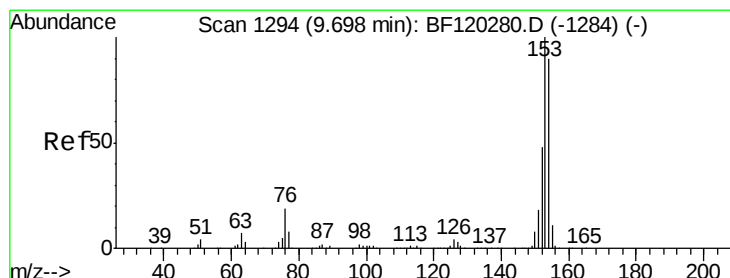
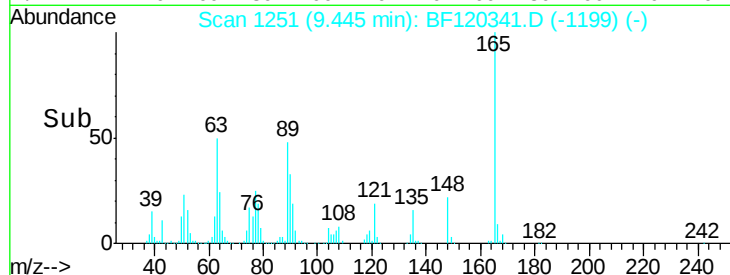
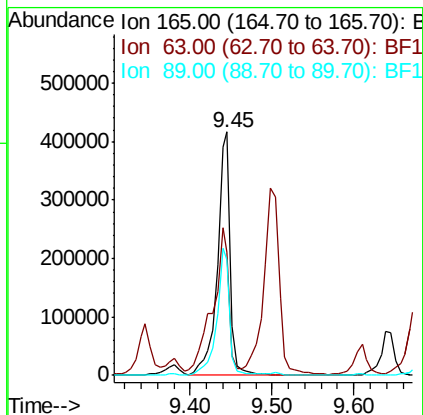
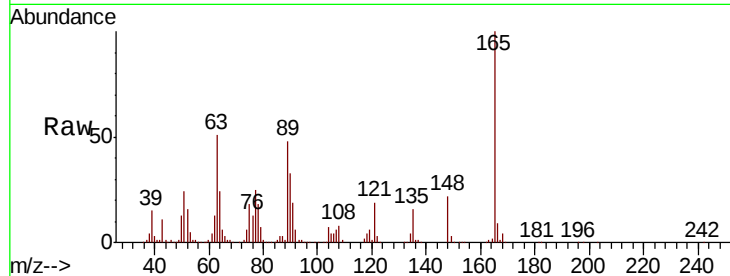
ClientSampled :

PB128931BS

Tot Ion:	165	Resp:	462709
Ion Ratio	Lower	Upper	
165	100		
63	50.9	50.2	75.2
89	47.7	44.6	66.8

Manual Integrations
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#52

Acenaphthene

Concen: 44.737 ng

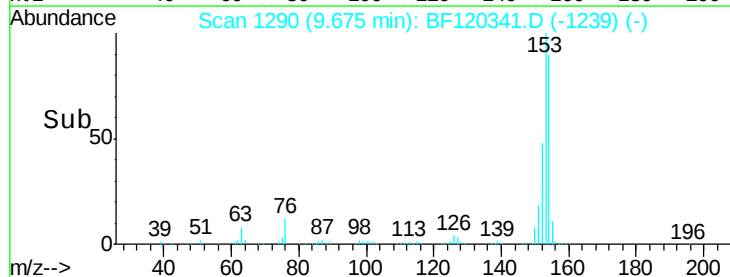
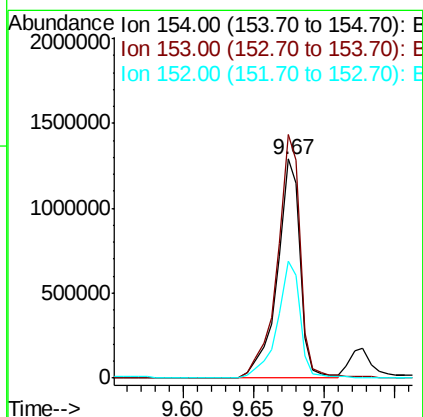
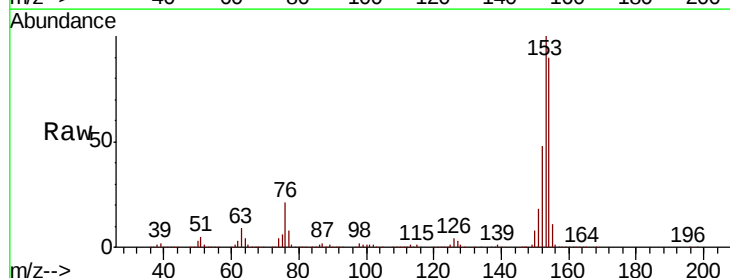
RT: 9.67 min Scan# 1290

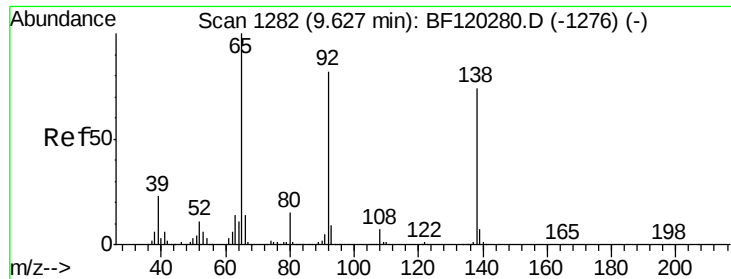
Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:	154	Resp:	1463196
Ion Ratio	Lower	Upper	
154	100		
153	111.1	89.0	133.4
152	53.2	42.6	64.0





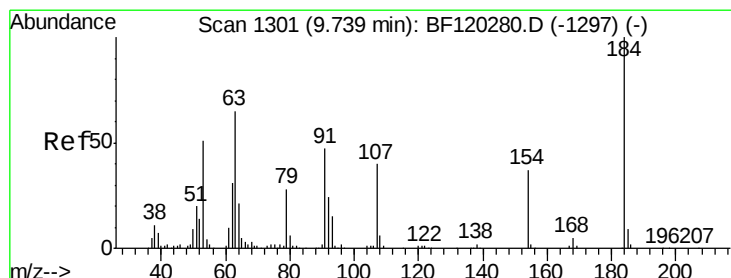
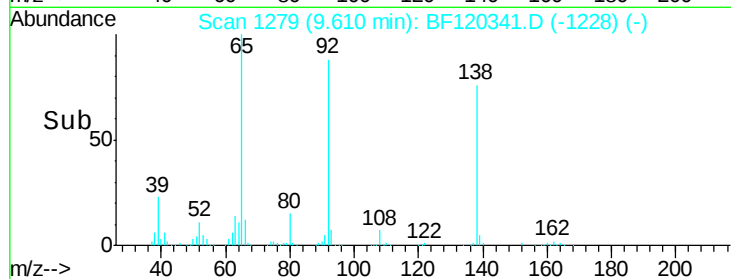
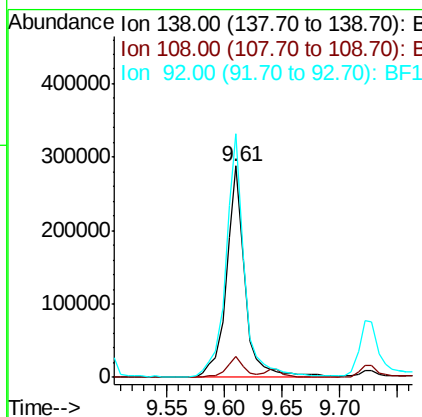
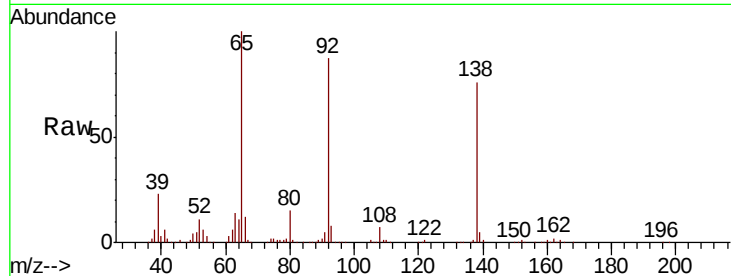
#53
3-Nitroaniline
Concen: 27.900 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.2
92	115.2	89.6	134.4

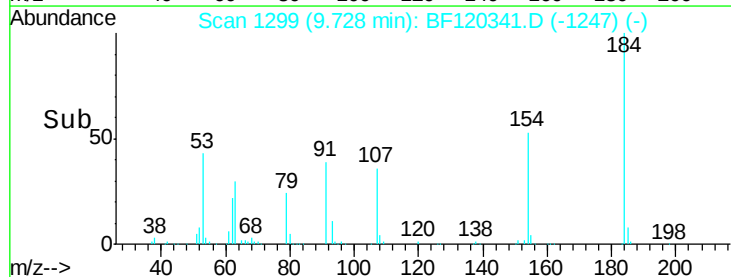
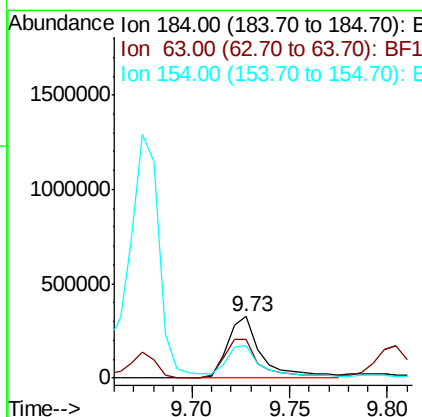
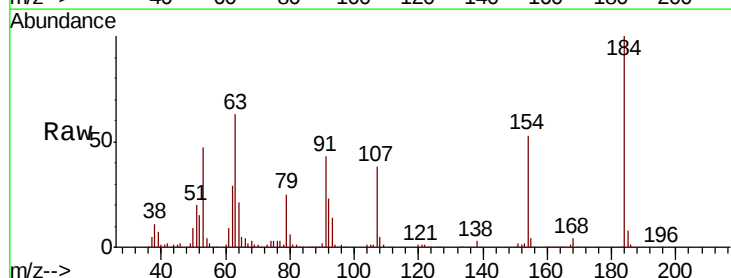
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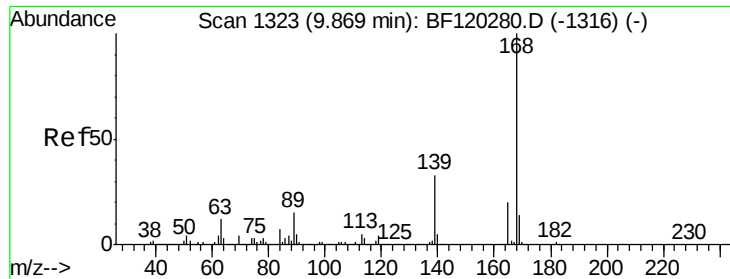
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#54
2,4-Dinitrophenol
Concen: 88.300 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	53.6	80.4
154	53.3	46.8	70.2





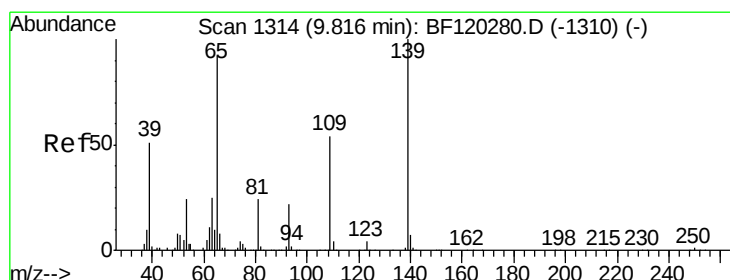
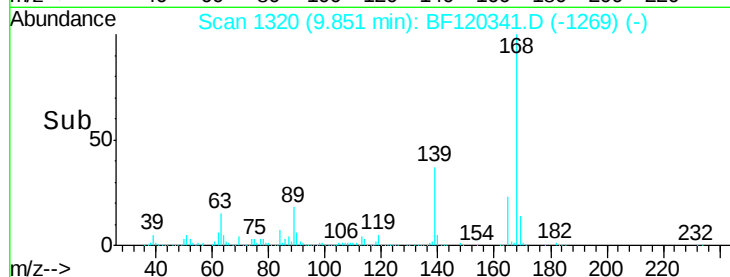
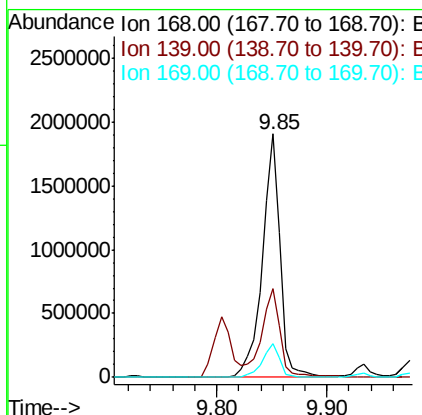
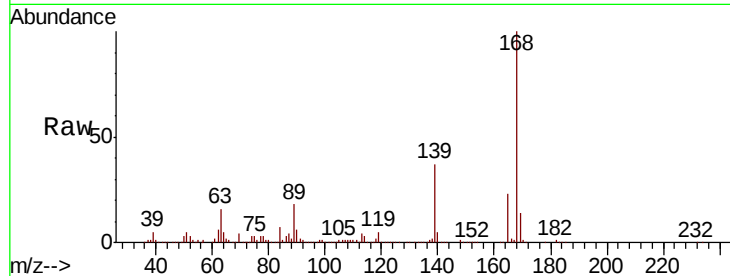
#55
Dibenzofuran
Concen: 45.606 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.8	44.6
169	14.0	11.0	16.6

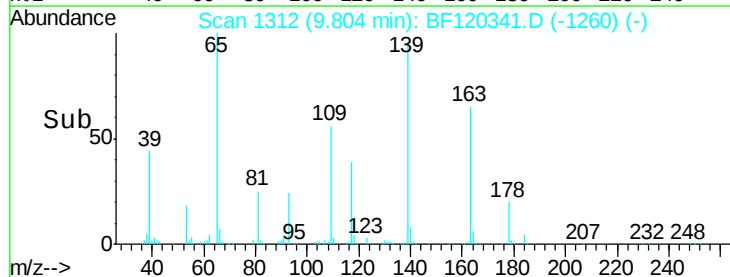
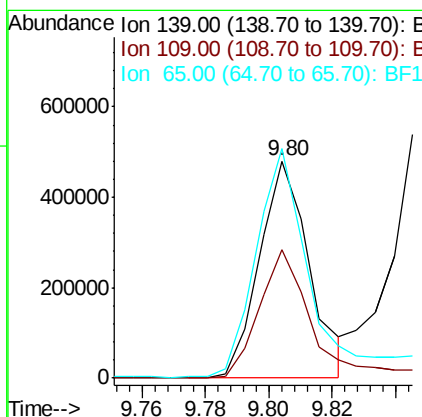
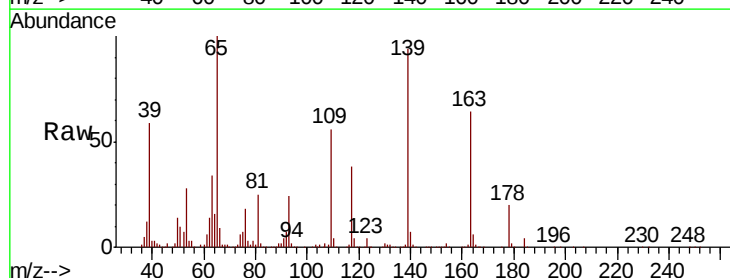
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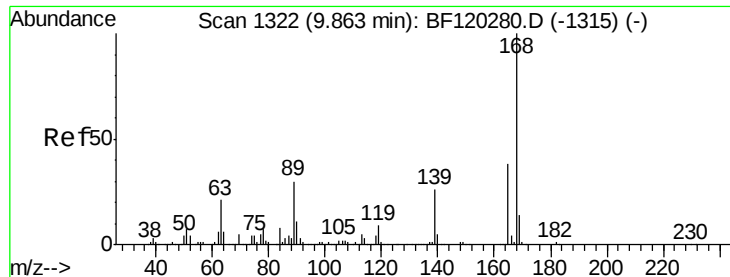
mohammad
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#56
4-Nitrophenol
Concen: 85.394 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.2	34.6	74.6
65	106.1	73.3	113.3





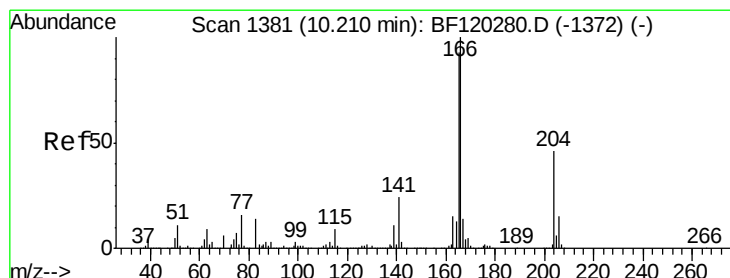
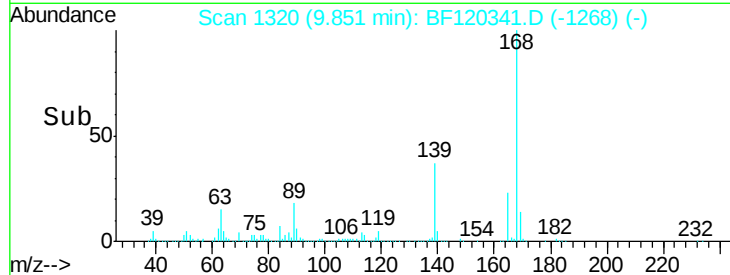
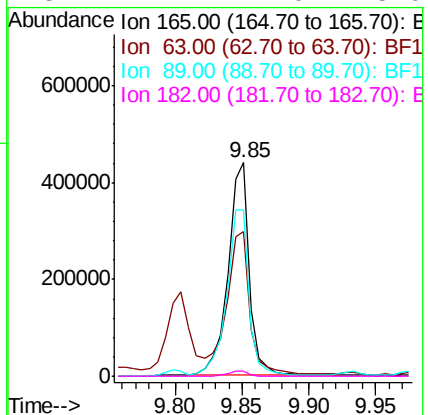
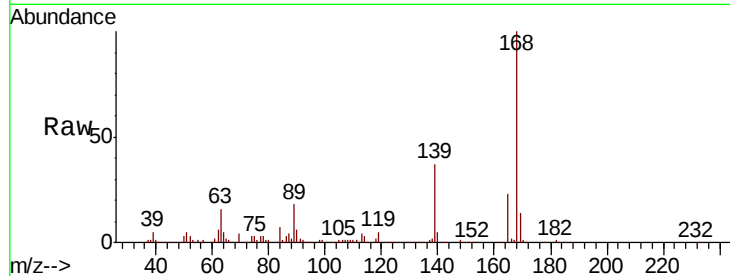
#57
 2,4-Dinitrotoluene
 Concen: 43.936 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	494210		
63	67.5	51.8	77.8	
89	78.1	64.2	96.4	
182	2.4	2.0	3.0	

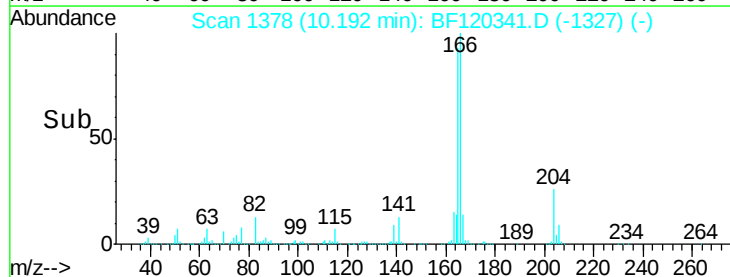
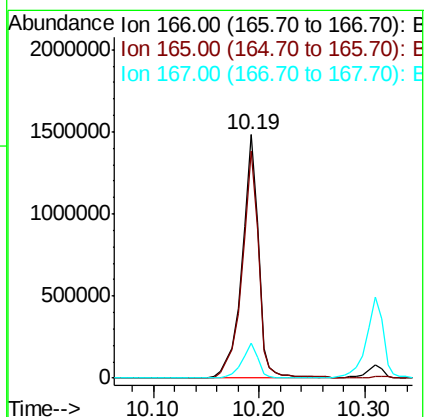
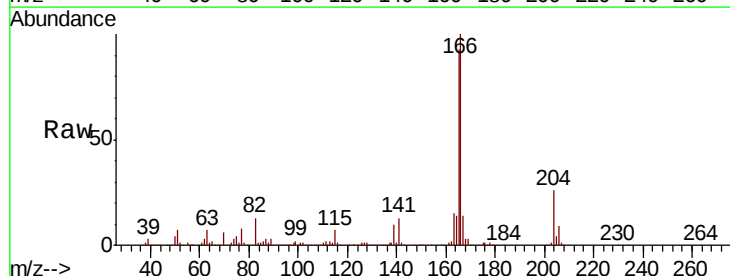
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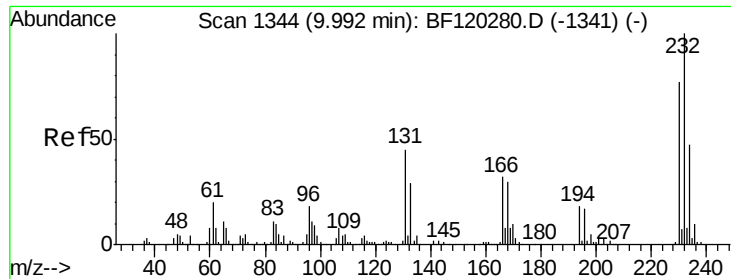
mohammad
 5/19/2020 3:05:07 PM



#58
 Fluorene
 Concen: 44.059 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1580394		
165	93.3	74.7	112.1	
167	14.3	11.4	17.0	





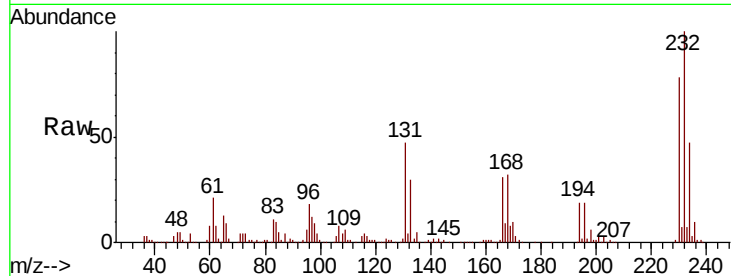
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.247 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

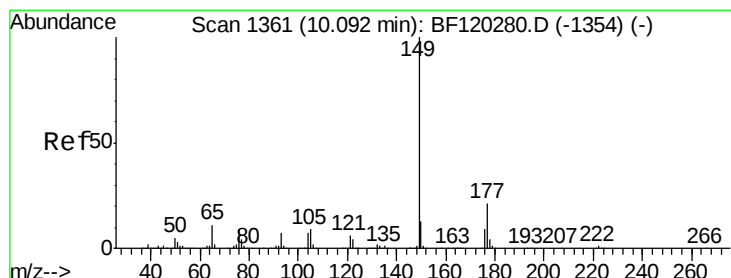
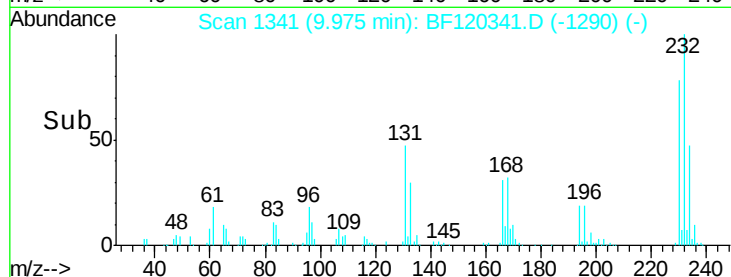
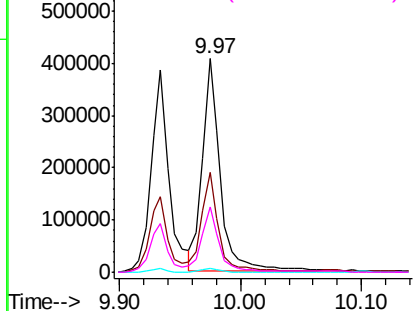
Tot Ion	Ratio	Resp	Lower	Upper
232	100	420017		
131	47.0		34.1	51.1
130	1.9		1.7	2.5
166	30.2		23.3	34.9

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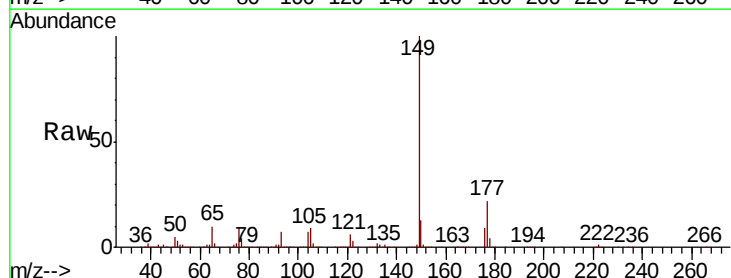


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

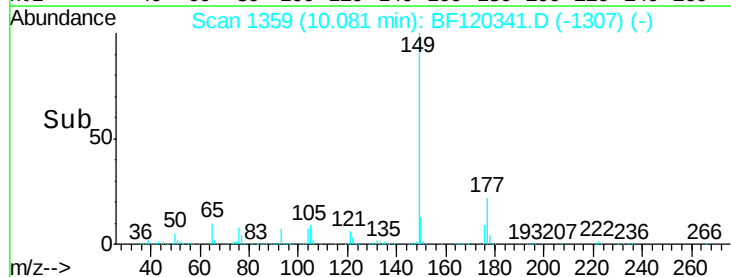
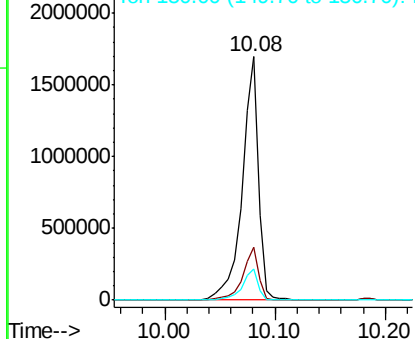


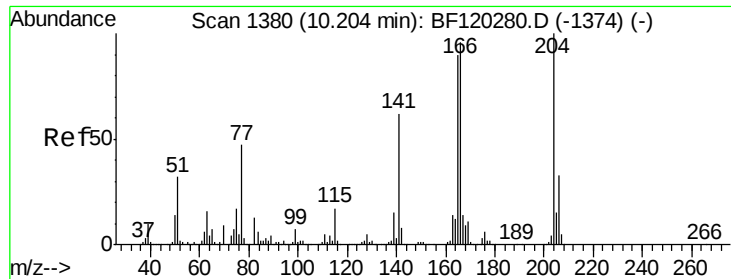
#60
 Diethylphthalate
 Concen: 42.178 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1749465		
177	21.7		17.1	25.7
150	12.6		10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





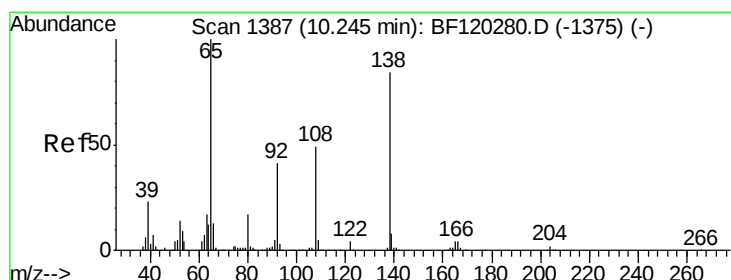
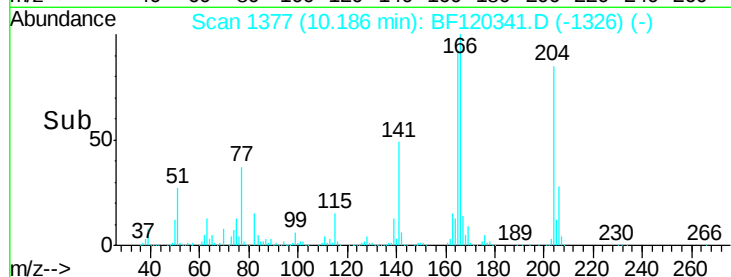
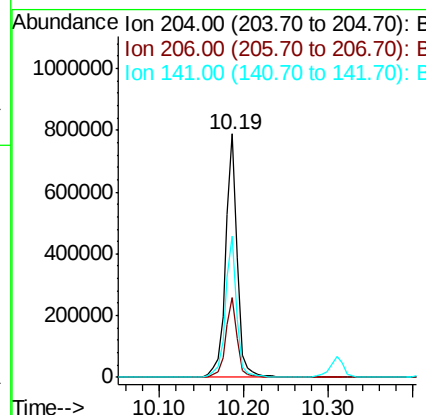
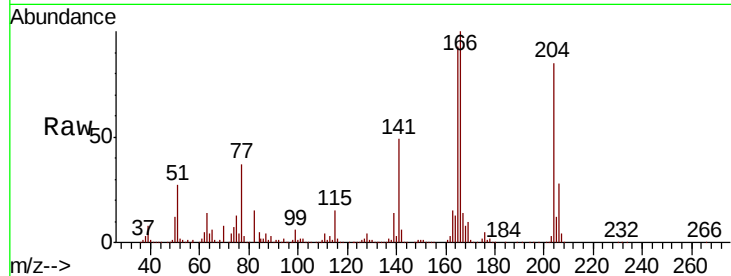
#61
4-Chlorophenyl-phenylether
Concen: 41.044 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampled :
PB128931BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.8	40.2
141	57.8	49.5	74.3

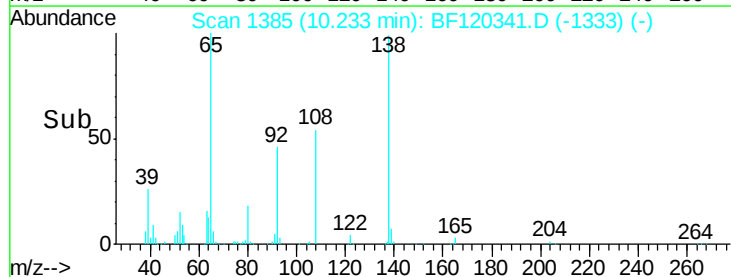
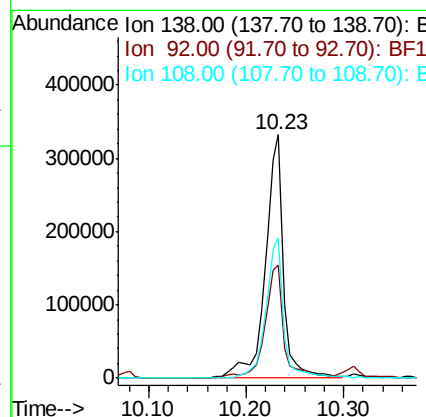
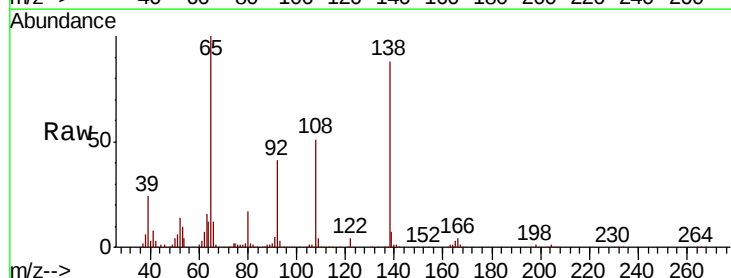
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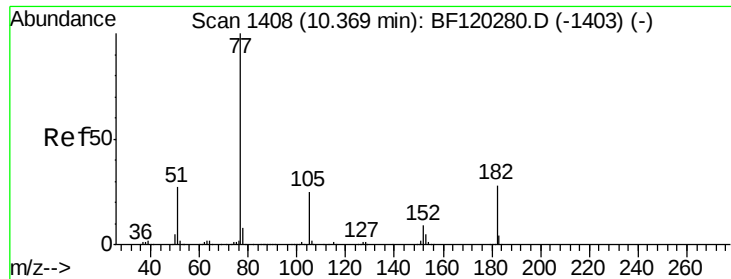
mohammad
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#62
4-Nitroaniline
Concen: 41.154 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	28.9	68.9
108	57.6	38.4	78.4





#63

Azobenzene

Concen: 43.304 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion: 77 Resp: 1697593

Ion Ratio Lower Upper

77 100

182 23.3 7.4 47.4

105 23.0 4.4 44.4

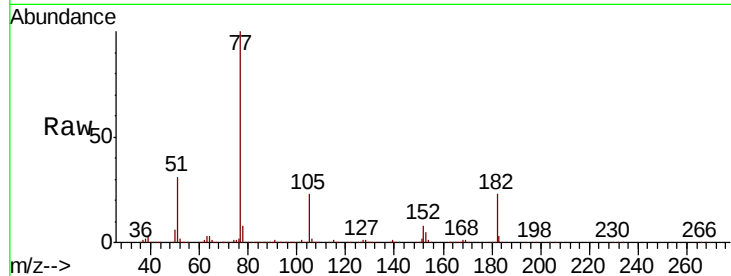
51 31.0 8.3 48.3

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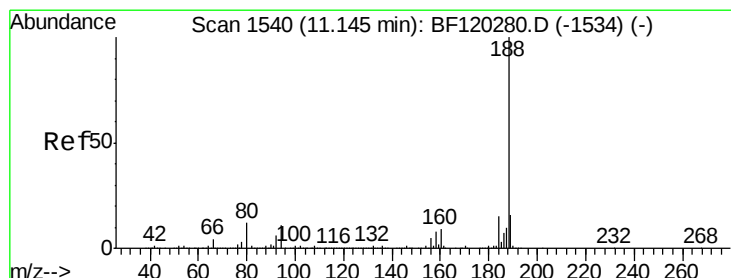
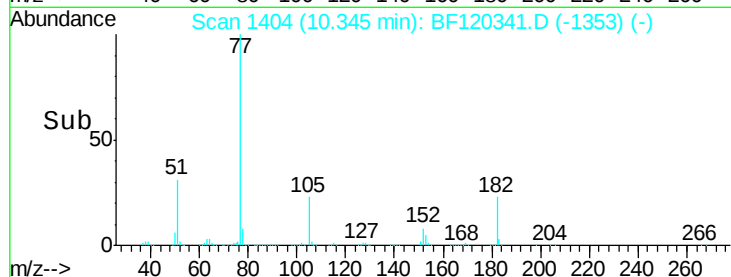
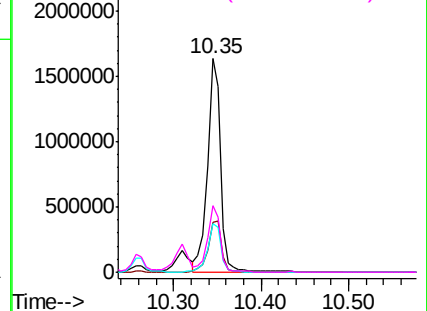


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

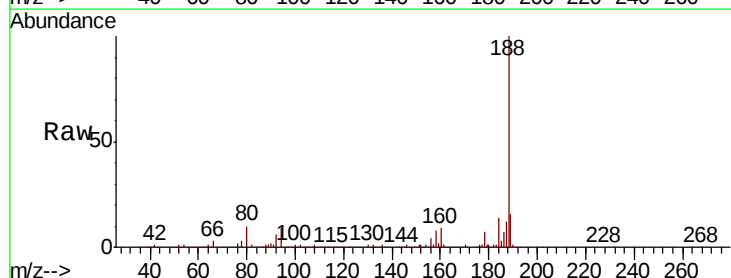
Tgt Ion: 188 Resp: 1094839

Ion Ratio Lower Upper

188 100

94 9.3 8.6 13.0

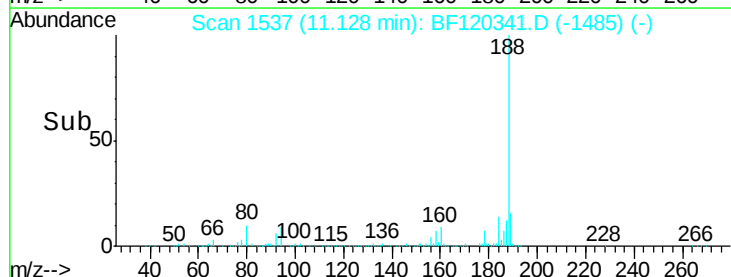
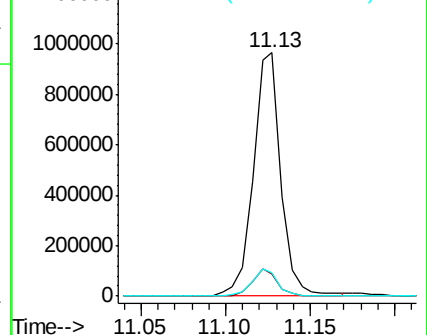
80 9.6 9.2 13.8

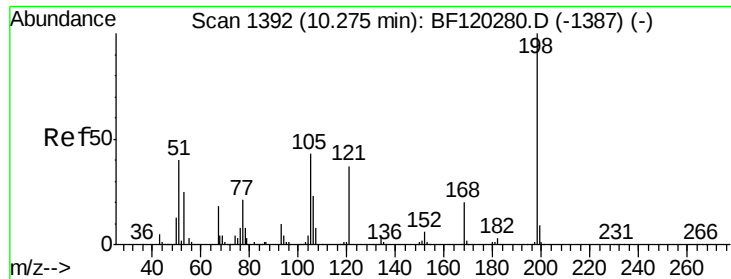


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





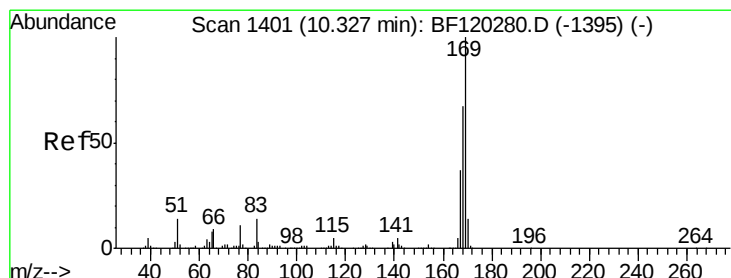
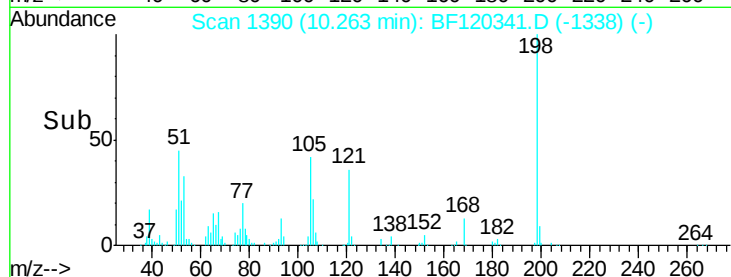
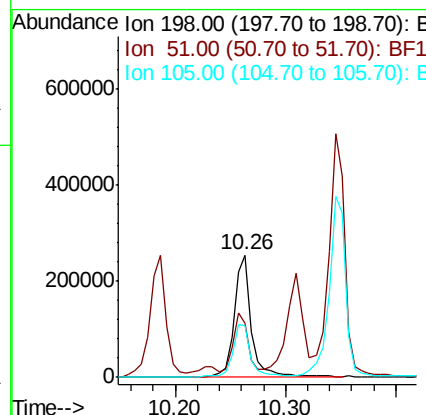
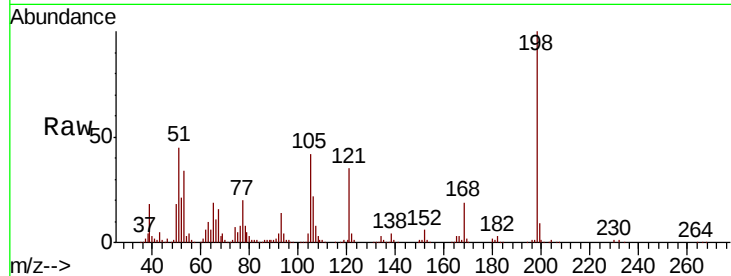
#65
4,6-Dinitro-2-methylphenol
Concen: 50.226 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	278101		
51	44.8	27.1	67.1	
105	42.1	24.3	64.3	

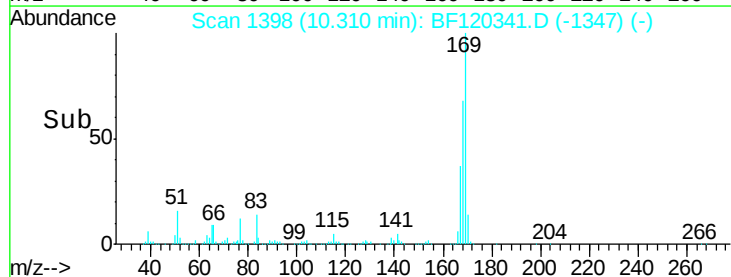
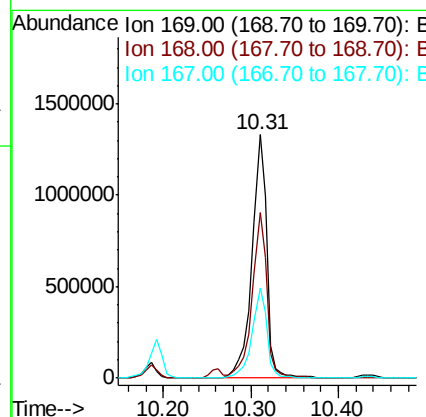
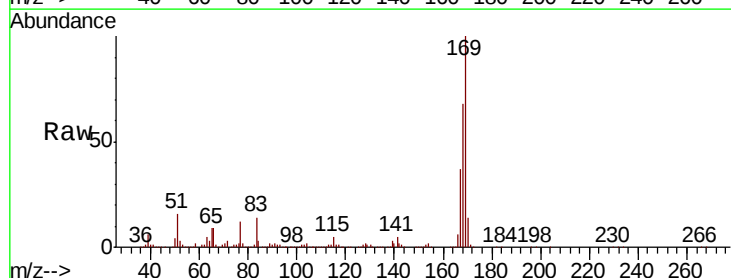
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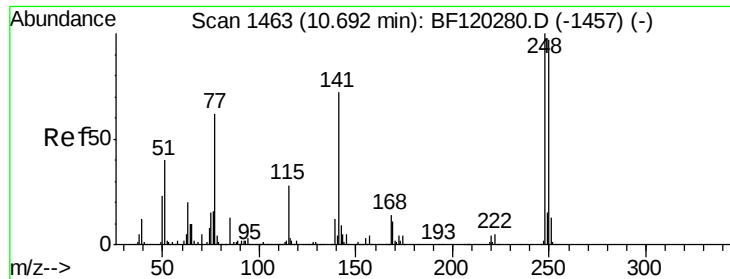
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#66
n-Nitrosodiphenylamine
Concen: 49.229 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1491119		
168	68.0	53.7	80.5	
167	36.9	29.8	44.6	





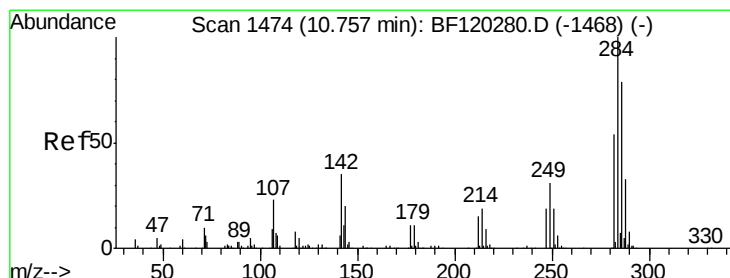
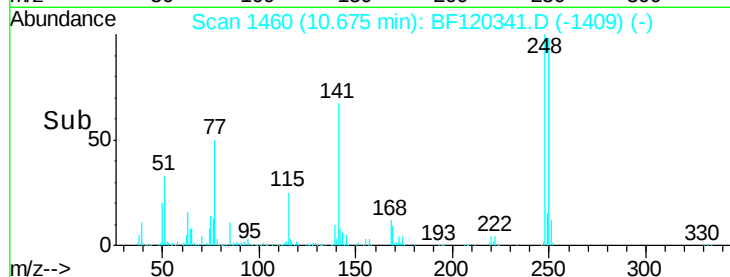
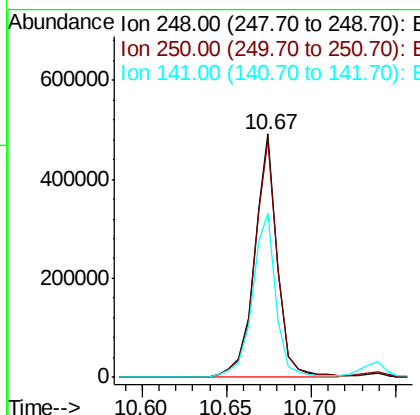
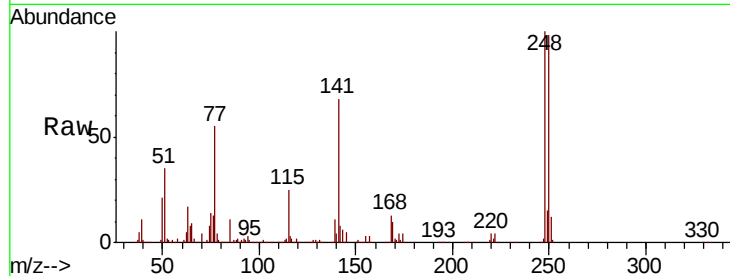
#67
4-Bromophenyl-phenylether
Concen: 43.539 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.6
141	67.6	57.7	86.5

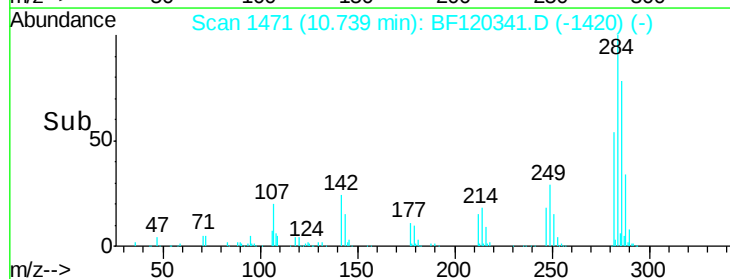
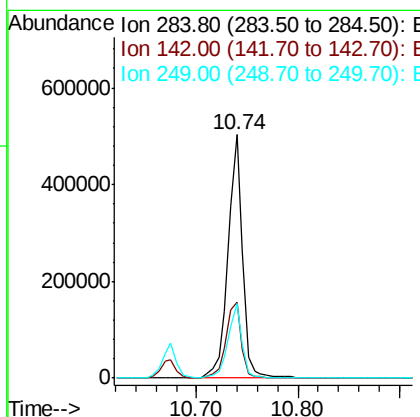
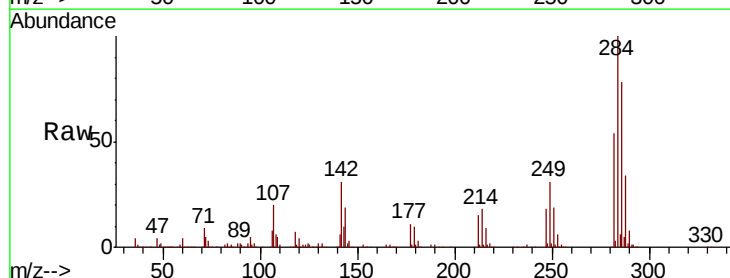
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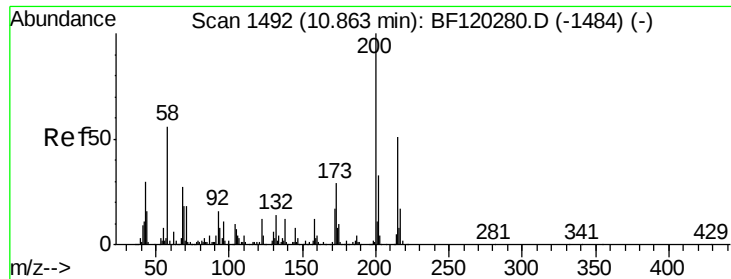
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#68
Hexachlorobenzene
Concen: 45.344 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	28.5	42.7
249	30.8	24.8	37.2





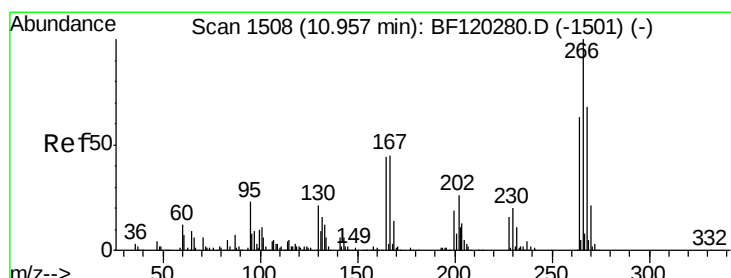
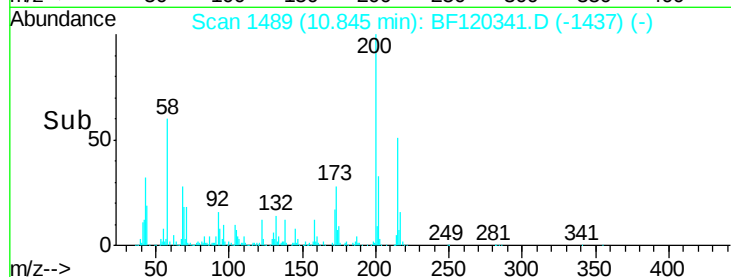
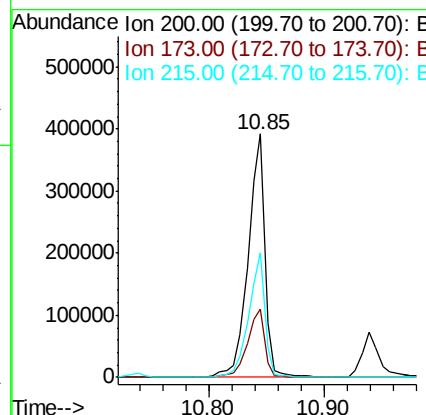
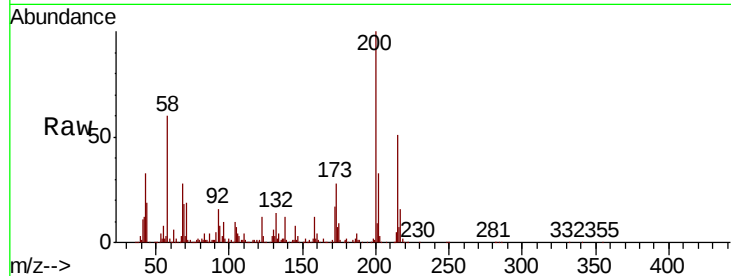
#69
Atrazine
Concen: 43.504 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.7	48.7
215	50.9	30.6	70.6

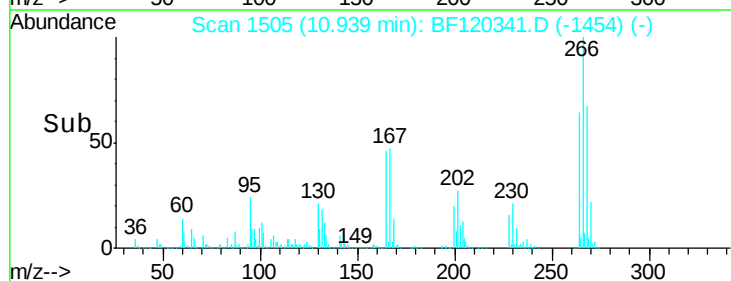
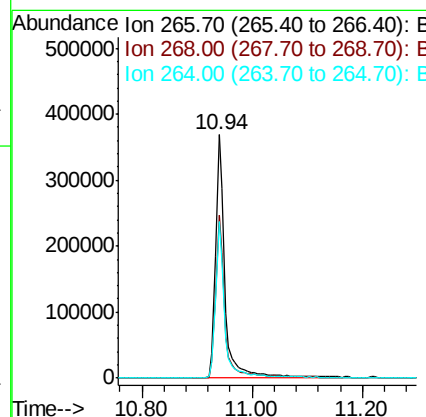
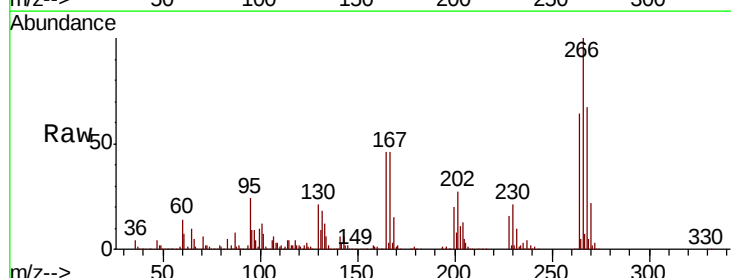
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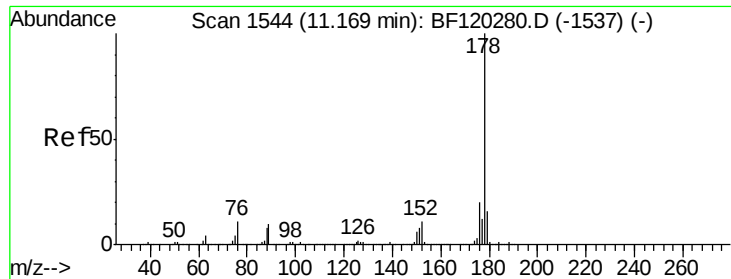
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#70
Pentachlorophenol
Concen: 92.739 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	54.2	81.4
264	64.1	50.2	75.4





#71

Phenanthrene

Concen: 47.618 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion:178 Resp: 2190655

Ion Ratio Lower Upper

178 100

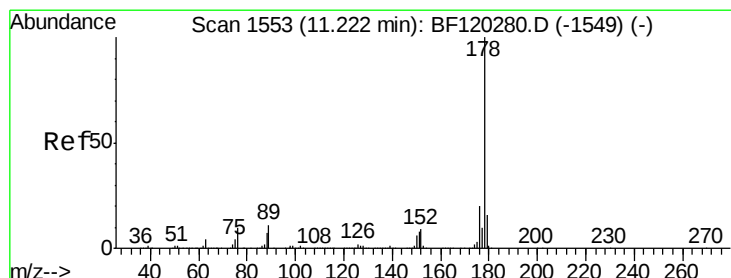
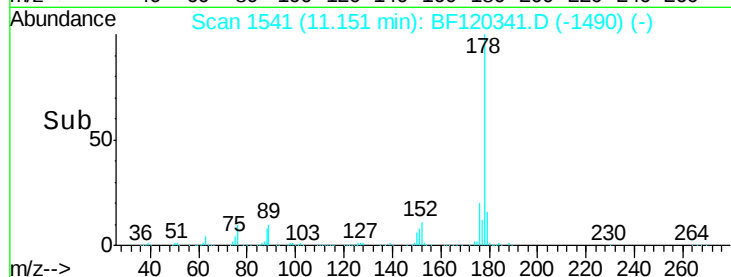
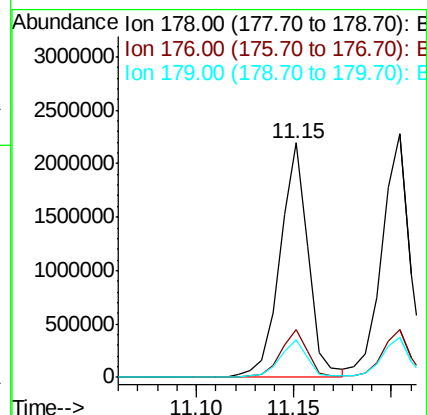
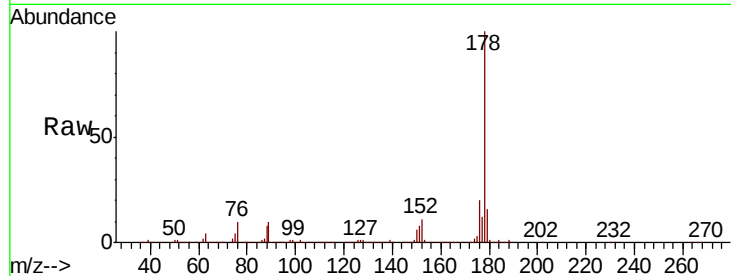
176 20.3 15.8 23.8

179 16.1 12.8 19.2

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#72

Anthracene

Concen: 47.787 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

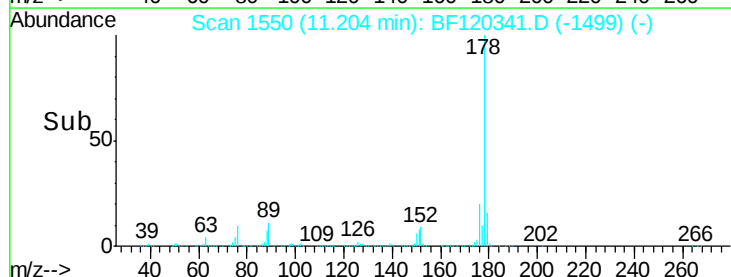
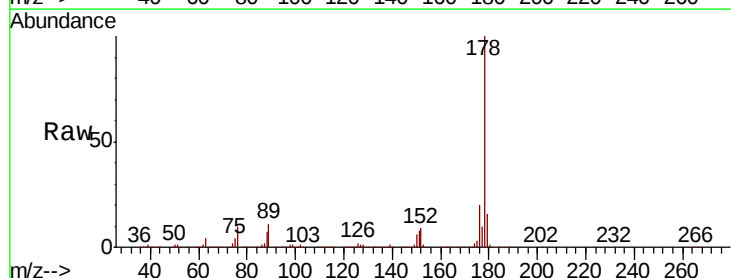
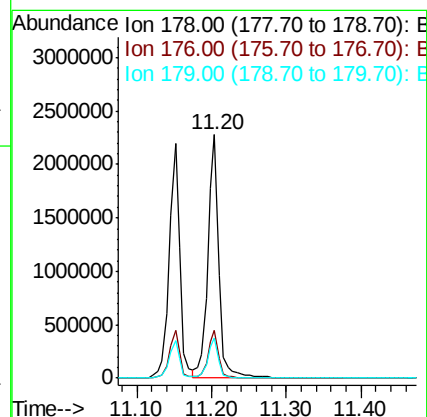
Tgt Ion:178 Resp: 2353519

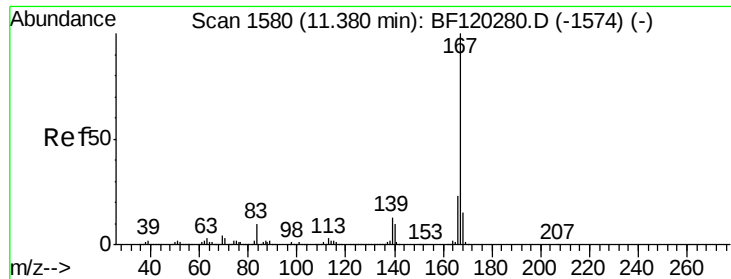
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.4 13.0 19.6





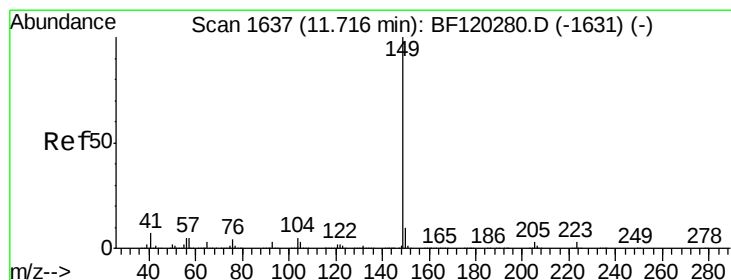
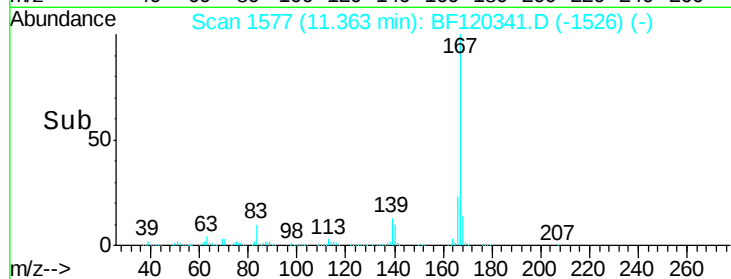
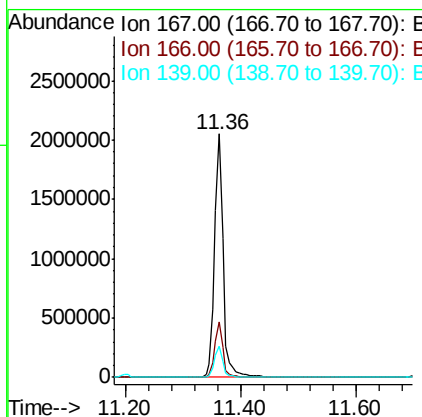
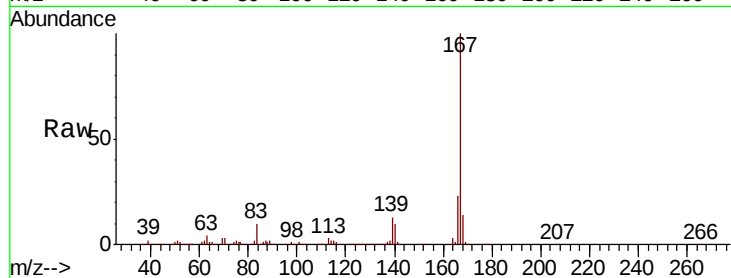
#73
 Carbazole
 Concen: 46.475 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Instrument :
 BNA_F
 ClientSampleID :
 PB128931BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	12.9	10.6	15.8

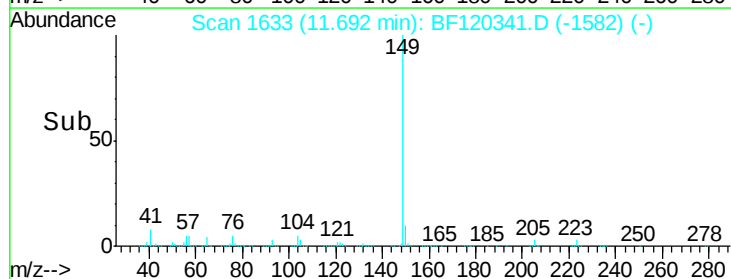
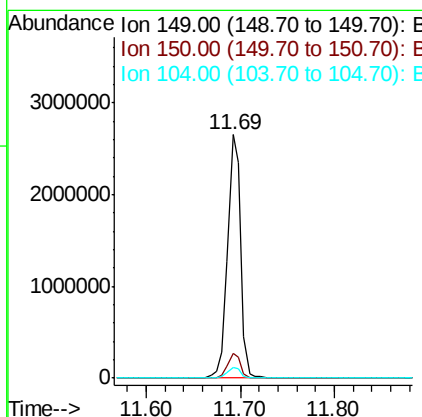
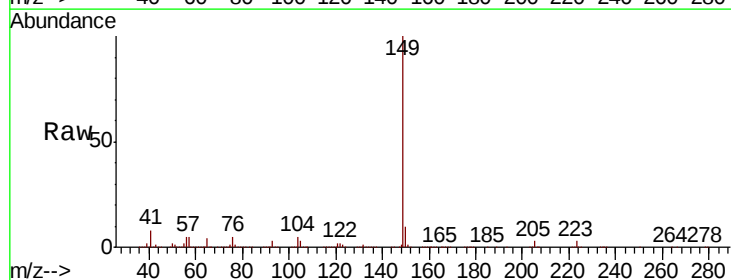
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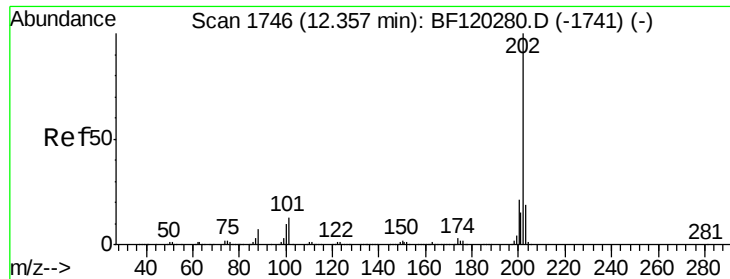
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.342 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.4
104	4.5	3.8	5.8





#75

Fluoranthene

Concen: 49.776 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

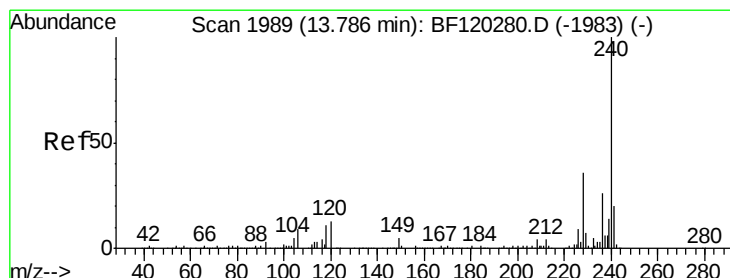
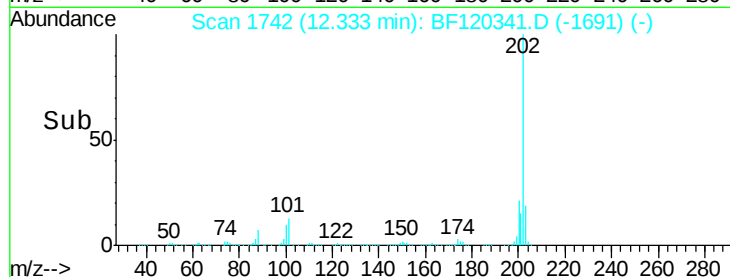
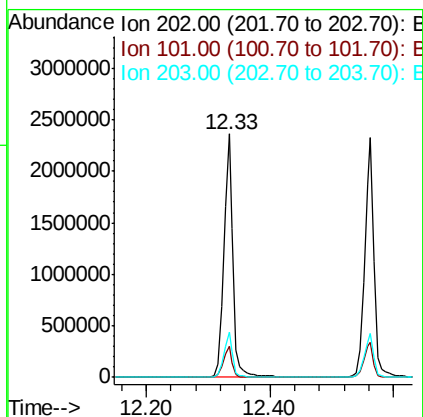
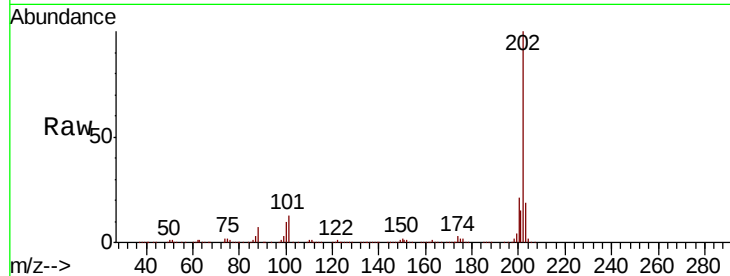
ClientSampleId :

PB128931BS

Tot Ion:	202	Resp:	2454460
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	18.6	0.0	39.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

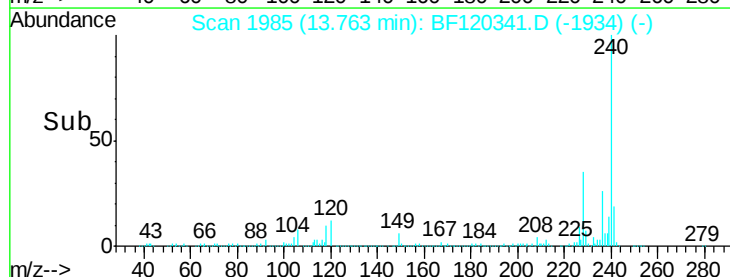
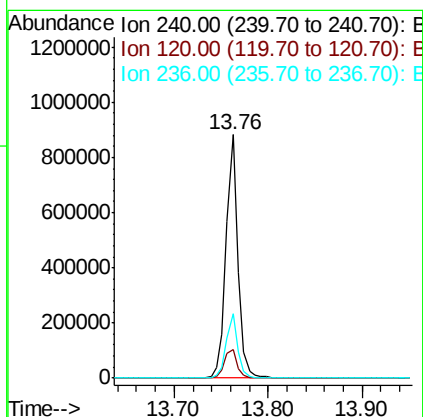
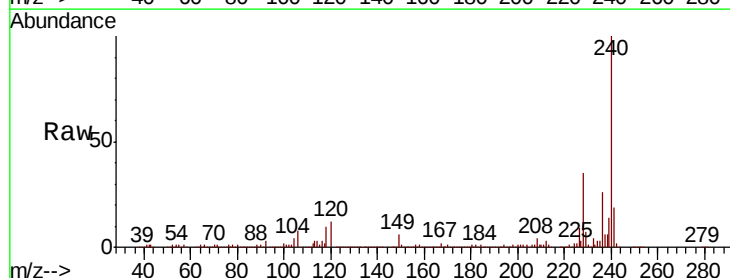
RT: 13.76 min Scan# 1985

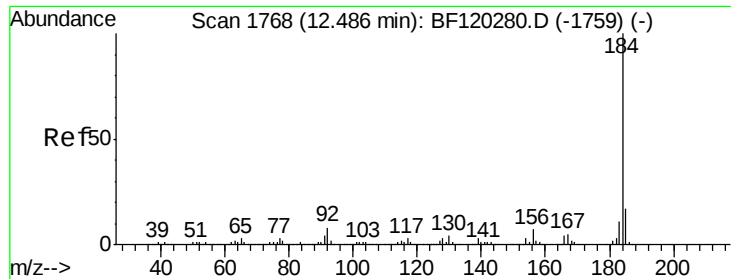
Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:	240	Resp:	773913
Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.4	15.6
236	26.3	21.0	31.6





#77

Benzidine

Concen: 58.616 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion:184 Resp: 1324692

Ion Ratio Lower Upper

184 100

185 14.5 13.7 20.5

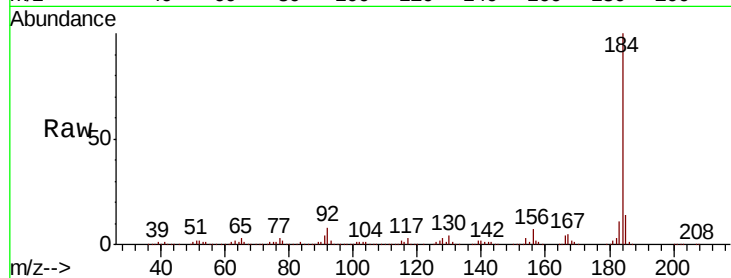
183 11.0 8.7 13.1

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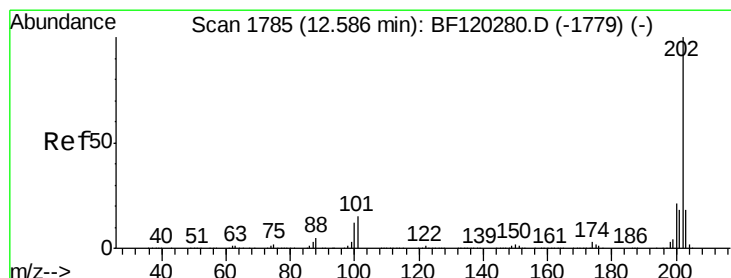
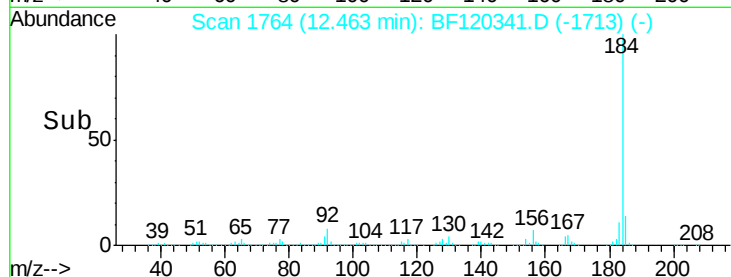
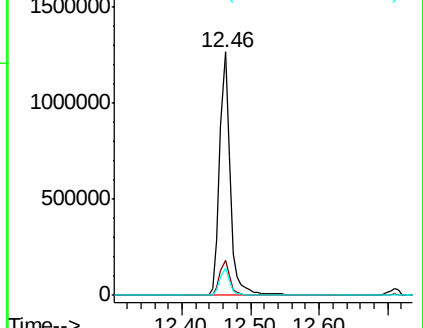
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.002 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

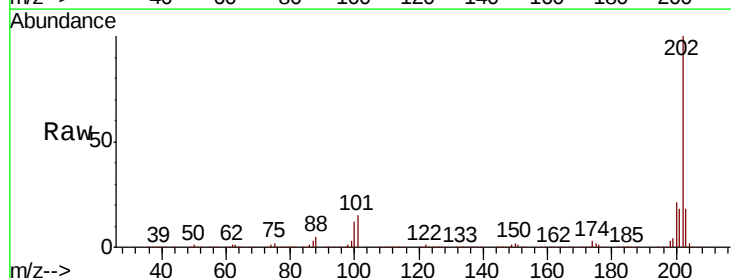
Tgt Ion:202 Resp: 2482853

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

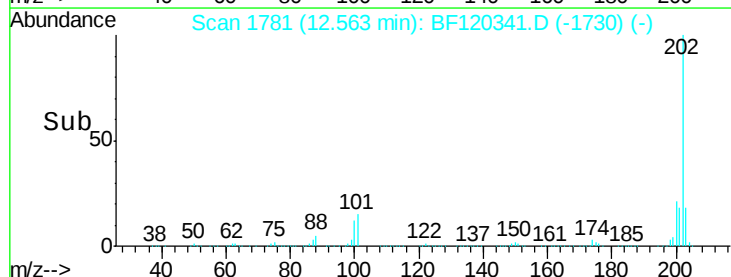
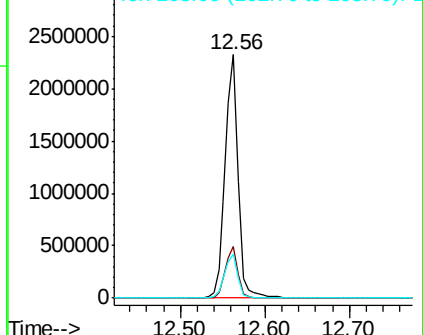
203 18.3 14.6 22.0

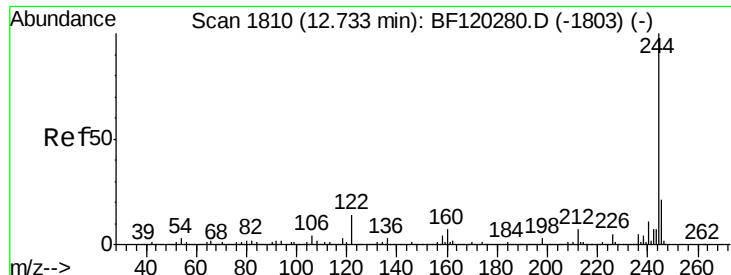


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79
 Terphenyl-d14
 Concen: 90.791 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

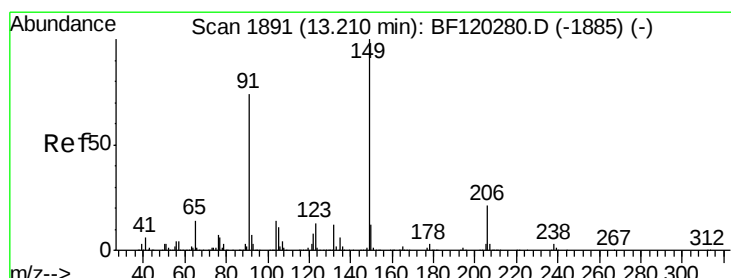
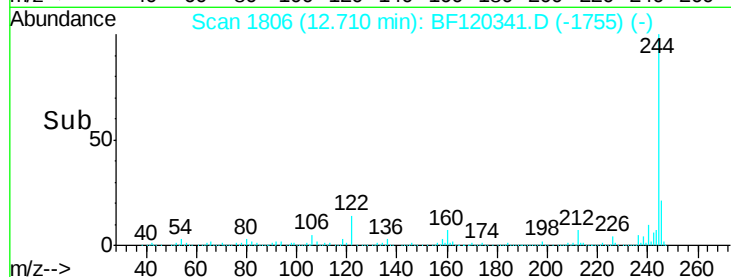
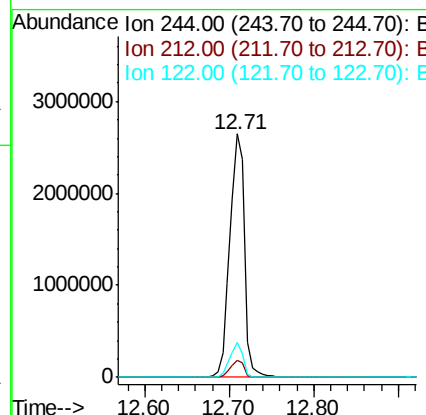
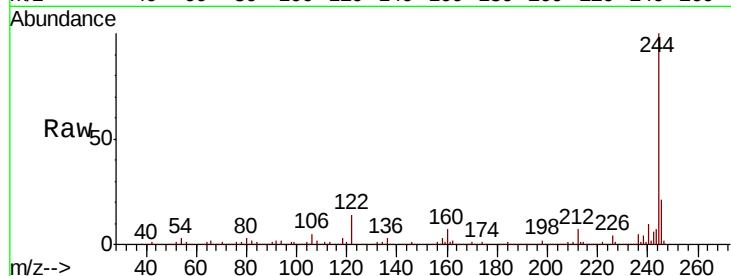
Instrument :
 BNA_F
 ClientSampleId :
 PB128931BS

Tot Ion:244 Resp: 3180500

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	14.1	10.8	16.2

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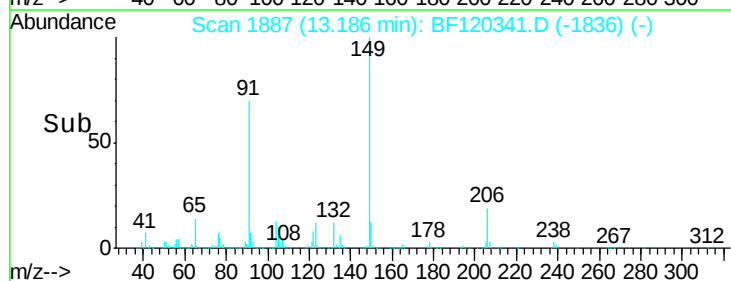
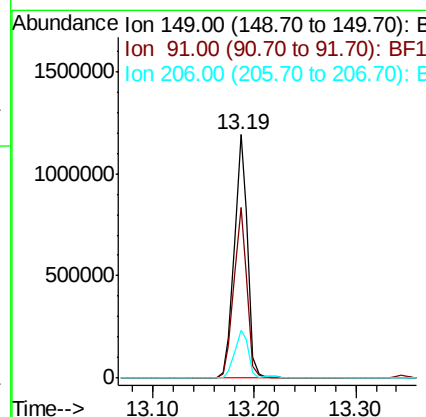
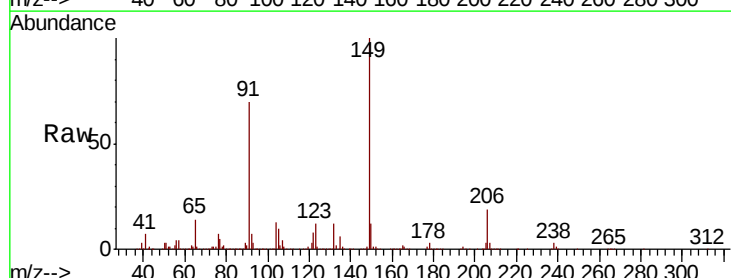
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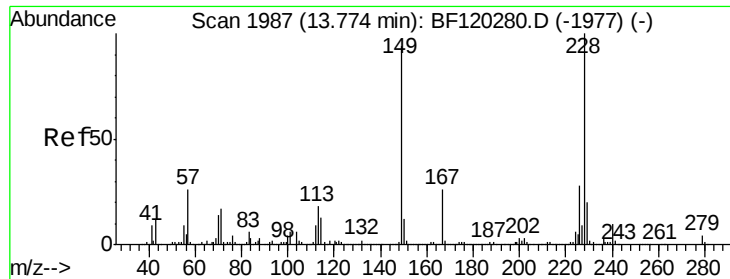


#80
 Butylbenzylphthalate
 Concen: 41.908 ng
 RT: 13.19 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BF120341.D
 Acq: 18 May 2020 15:02

Tgt Ion:149 Resp: 1088769

Ion	Ratio	Lower	Upper
149	100		
91	70.3	59.0	88.4
206	19.5	16.8	25.2





#81

Benzo(a)anthracene

Concen: 45.730 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

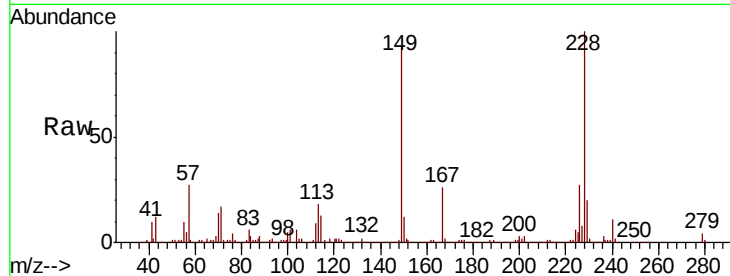
ClientSampleId :

PB128931BS

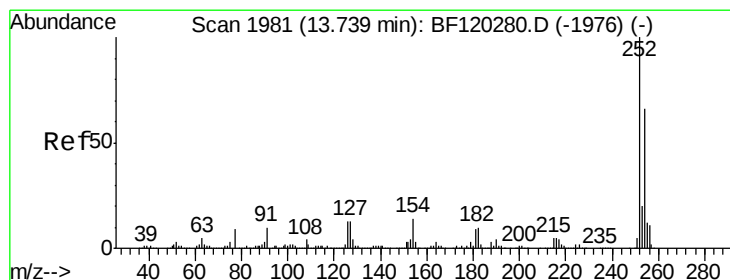
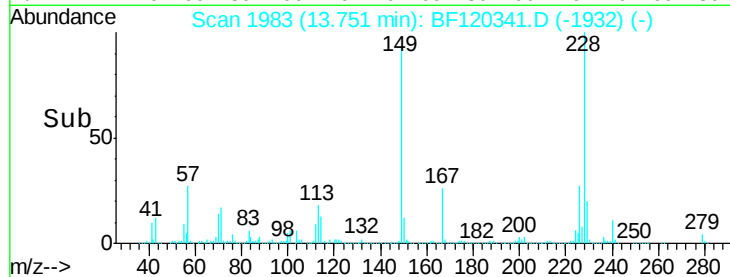
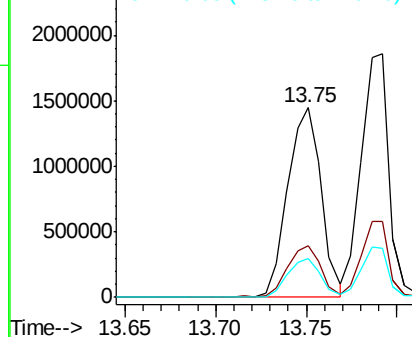
Tot Ion:	228	Resp:	1866629
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.4	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
2500000
Ion 226.00 (225.70 to 226.70): E
2000000
Ion 229.00 (228.70 to 229.70): E
1500000
1000000
500000
0



#82

3,3'-Dichlorobenzidine

Concen: 34.670 ng

RT: 13.72 min Scan# 1977

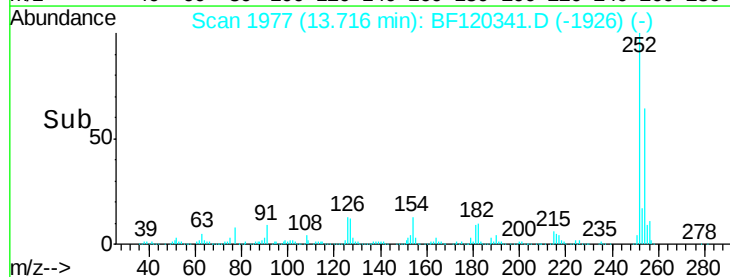
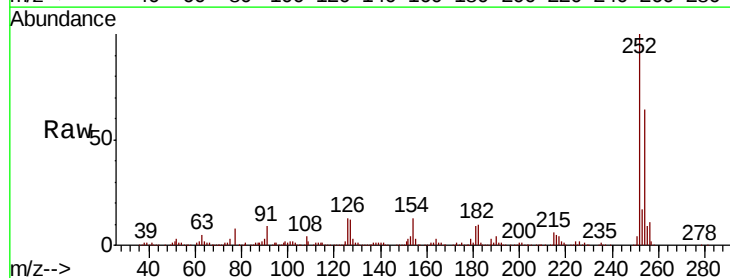
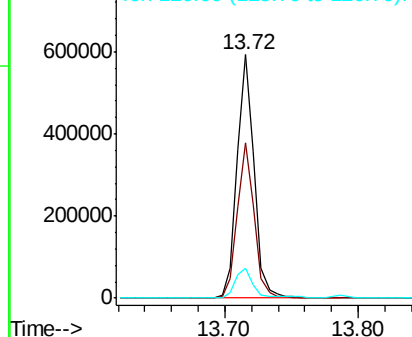
Delta R.T. -0.00 min

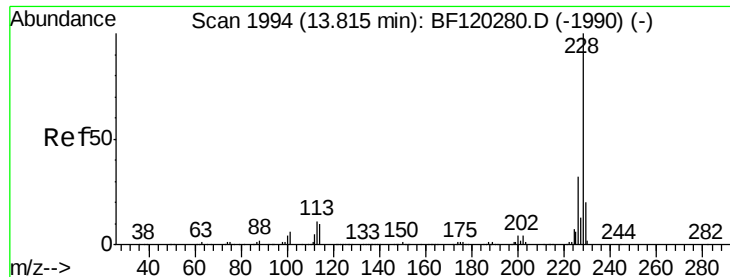
Lab File: BF120341.D

Acq: 18 May 2020 15:02

Tgt Ion:	252	Resp:	533307
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.6	78.8
126	12.5	10.7	16.1

Abundance Ion 252.00 (251.70 to 252.70): E
800000
Ion 254.00 (253.70 to 254.70): E
600000
Ion 126.00 (125.70 to 126.70): E
400000
200000
0





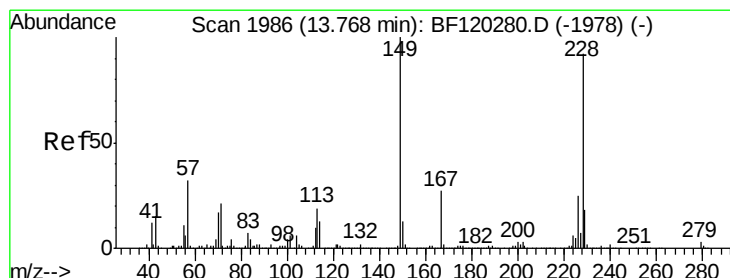
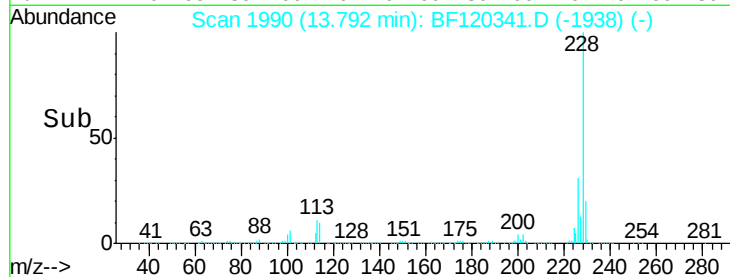
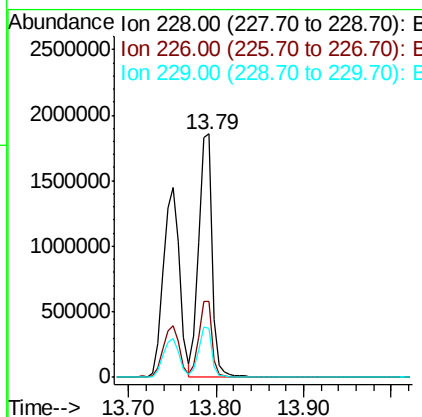
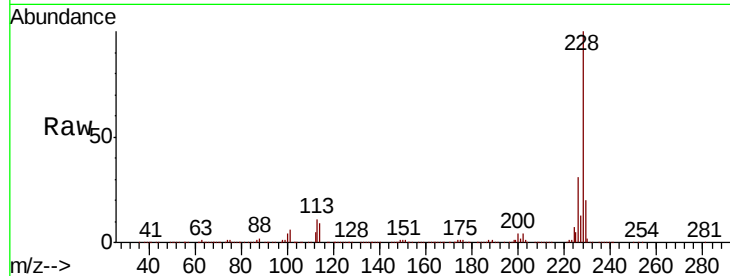
#83
Chrysene
Concen: 45.760 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion:228 Resp: 2005755
Ion Ratio Lower Upper
228 100
226 31.2 25.0 37.6
229 20.1 16.2 24.4

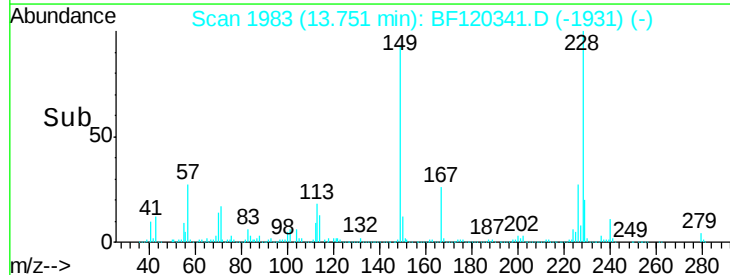
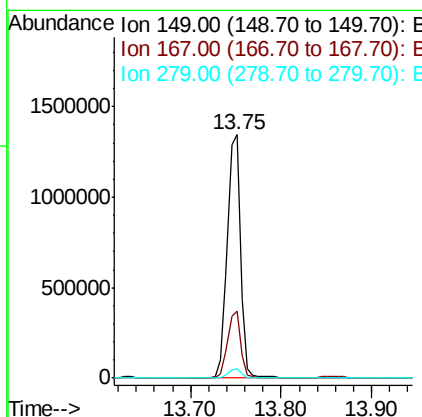
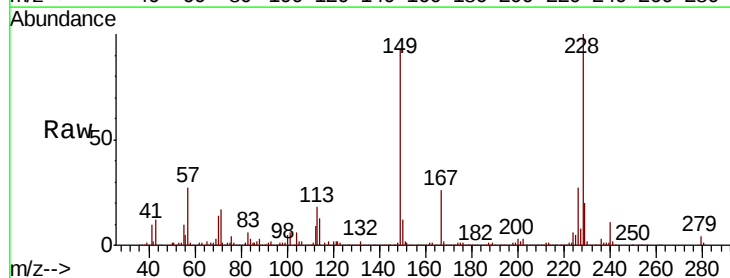
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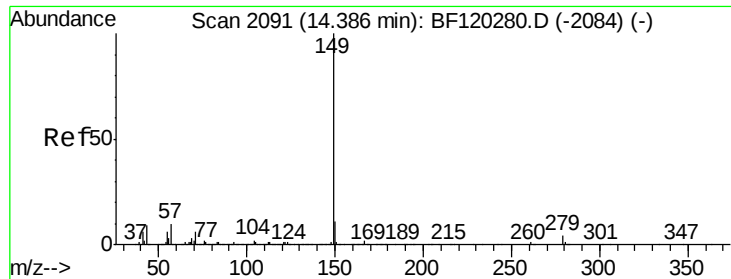
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.285 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:149 Resp: 1366788
Ion Ratio Lower Upper
149 100
167 27.5 21.8 32.8
279 4.1 2.8 4.2





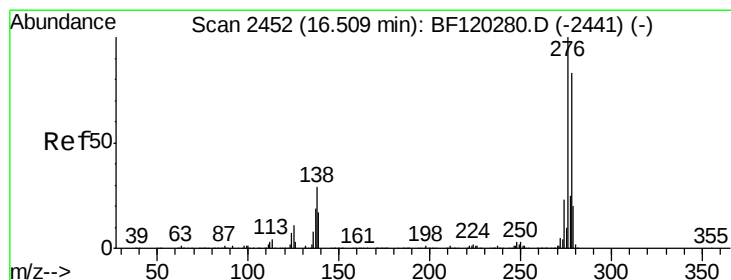
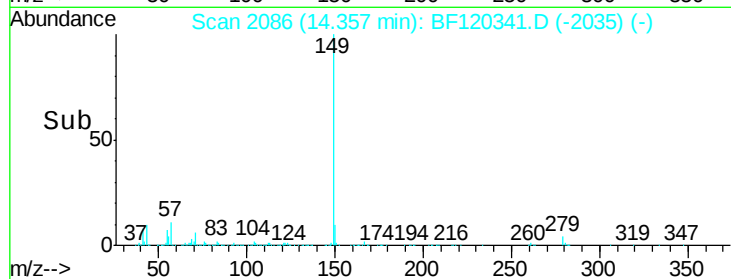
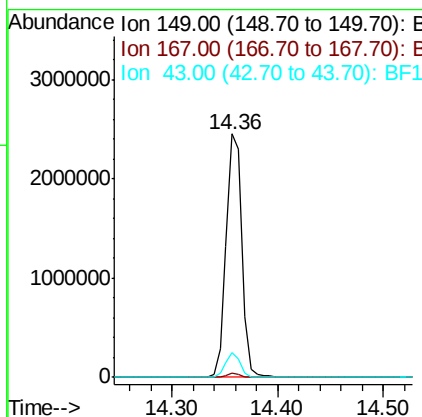
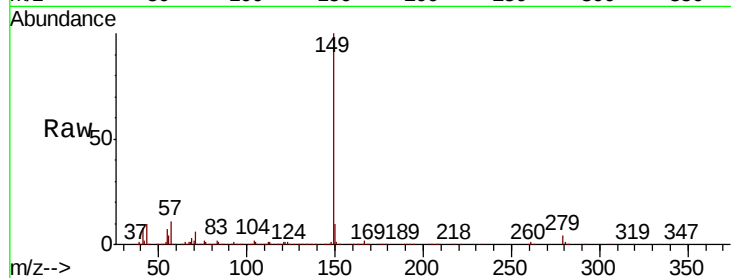
#85
Di-n-octyl phthalate
Concen: 43.805 ng
RT: 14.36 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.5	11.3

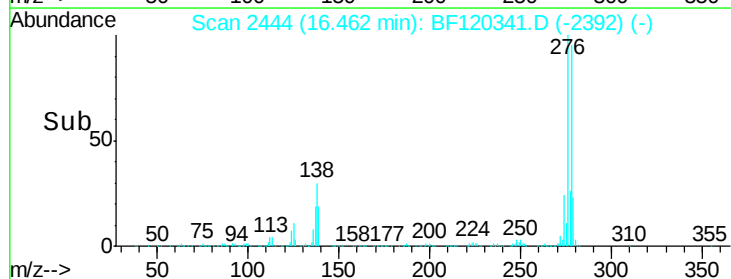
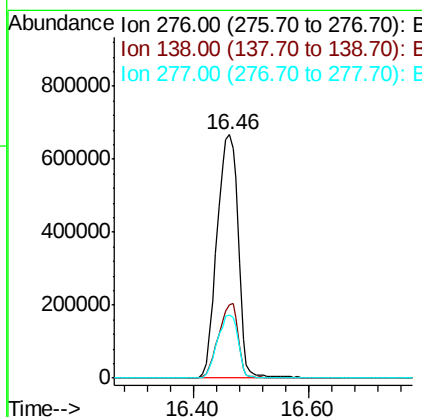
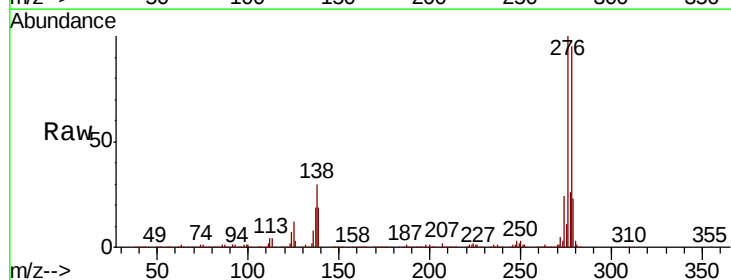
Manual Integrations
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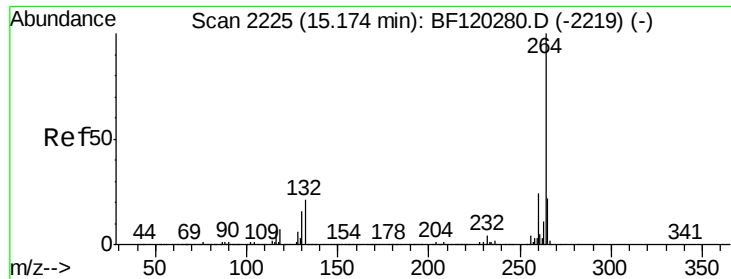
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.995 ng
RT: 16.46 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.3	34.9
277	25.4	20.2	30.4





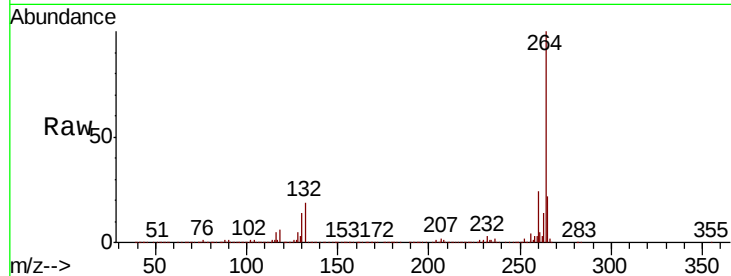
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampleId :
PB128931BS

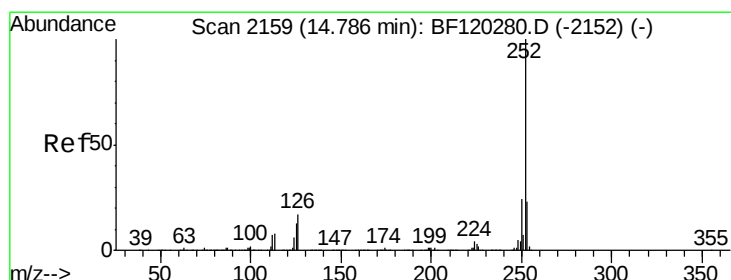
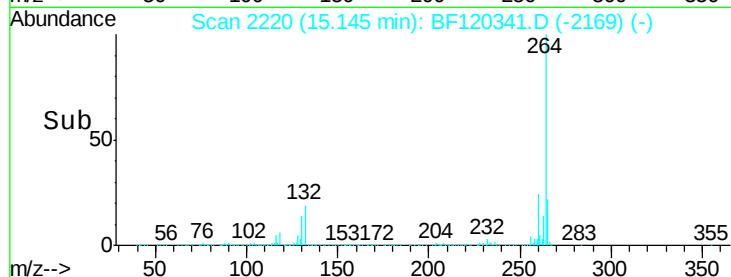
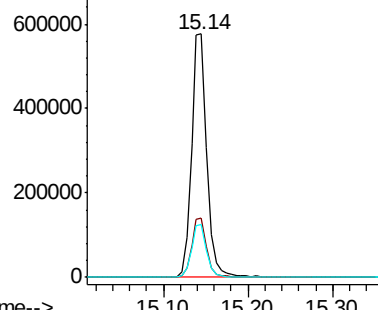
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.7	17.5	26.3

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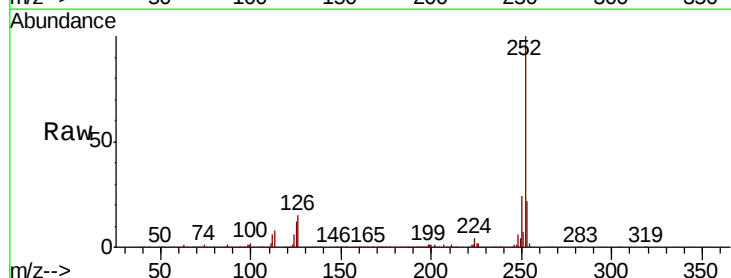


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

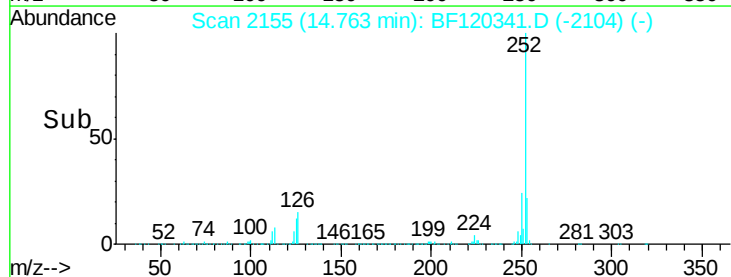
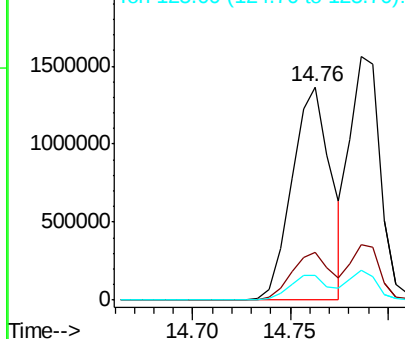


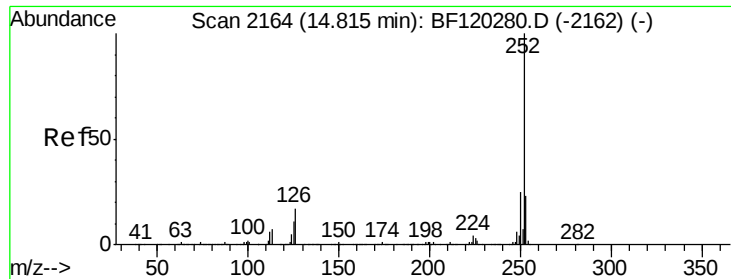
#88
Benzo(b)fluoranthene
Concen: 47.048 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.6	10.4	15.6



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





#89

Benzo(k)fluoranthene

Concen: 49.451 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

Instrument :

BNA_F

ClientSampleId :

PB128931BS

Tot Ion:252 Resp: 1718302

Ion Ratio Lower Upper

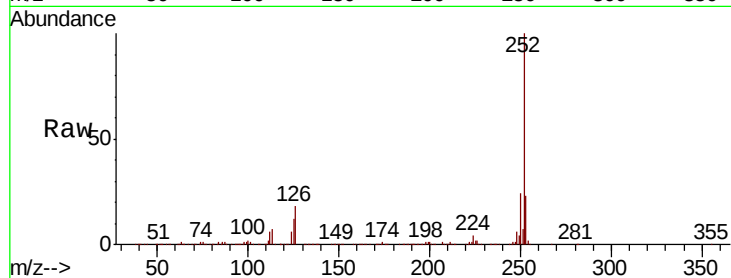
252 100

253 22.5 18.2 27.2

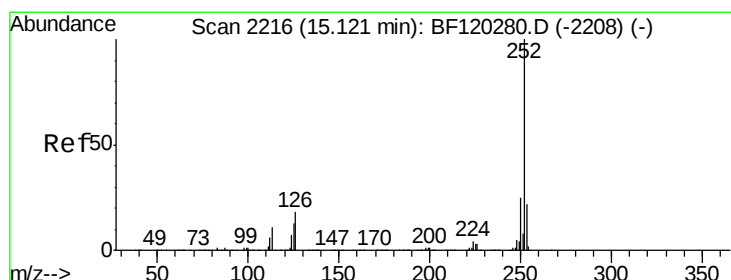
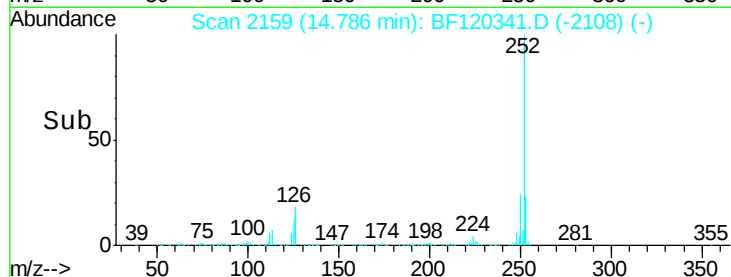
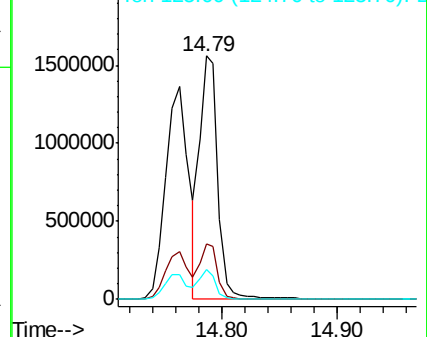
125 12.2 9.9 14.9

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



#90

Benzo(a)pyrene

Concen: 45.685 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BF120341.D

Acq: 18 May 2020 15:02

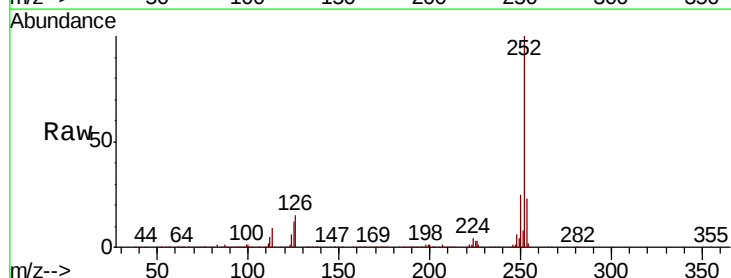
Tgt Ion:252 Resp: 1643231

Ion Ratio Lower Upper

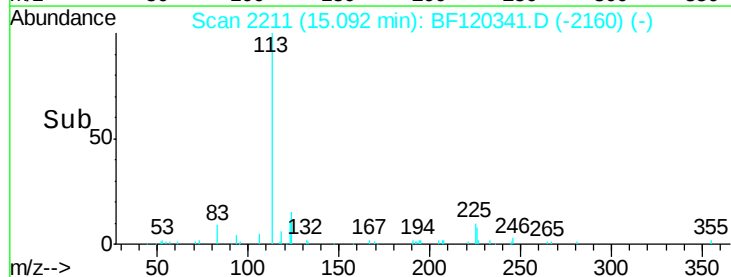
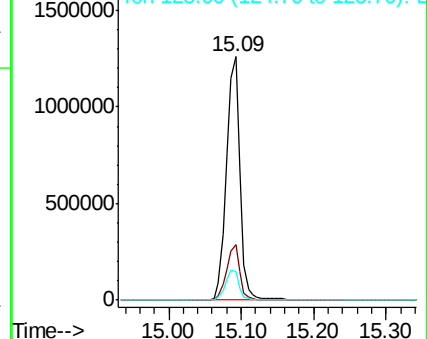
252 100

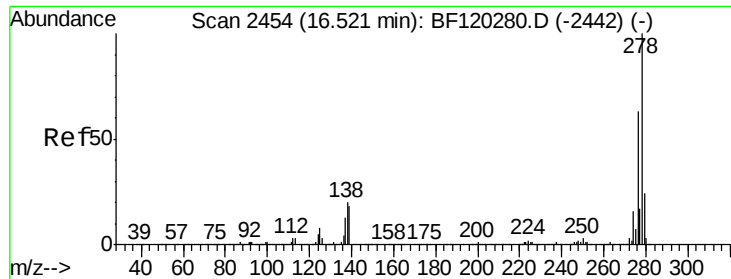
253 22.8 17.6 26.4

125 11.7 10.6 16.0



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





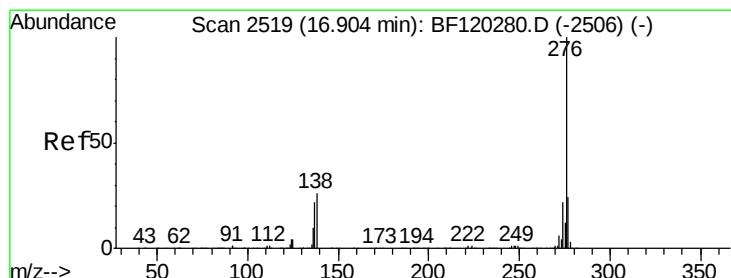
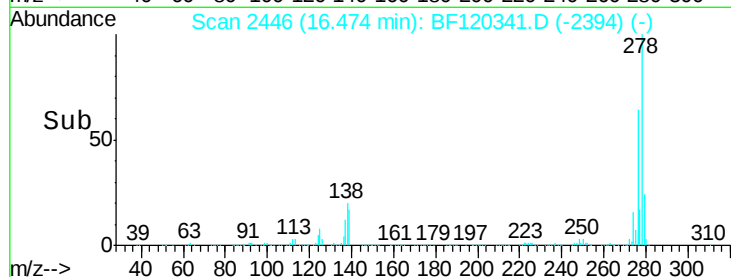
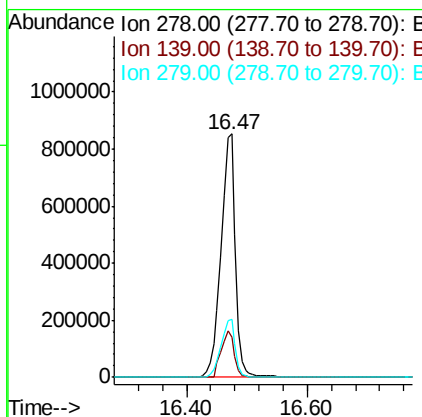
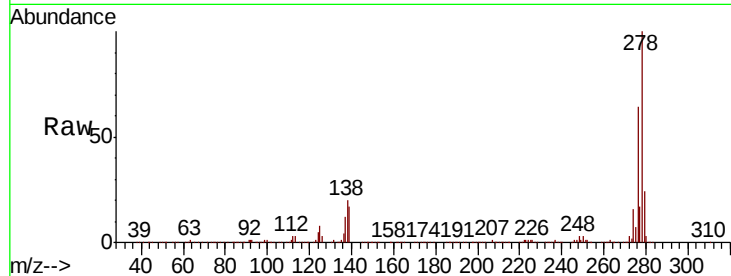
#91
Dibenzo(a,h)anthracene
Concen: 44.493 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Instrument :
BNA_F
ClientSampled :
PB128931BS

Tot Ion:278 Resp: 1417763
Ion Ratio Lower Upper
278 100
139 16.7 14.7 22.1
279 23.7 19.2 28.8

Manual Integrations
APPROVED

mohammad
5/19/2020 3:05:07 PM



#92
Benzo(g,h,i)perylene
Concen: 45.244 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF120341.D
Acq: 18 May 2020 15:02

Tgt Ion:276 Resp: 1453813
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 24.5 20.8 31.2

