

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120933.D
 Acq On : 20 Jul 2020 15:08
 Operator : JU/CG
 Sample : L3344-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Manual Integrations
 APPROVED

mohammad
 7/21/2020 11:32:36 AM

Quant Time: Jul 20 16:08:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	188120	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	734149	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	393656	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	758415	20.00	ng	0.00
76) Chrysene-d12	13.98	240	593791	20.00	ng	0.00
86) Perylene-d12	15.43	264	615141	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	614646	53.56	ng	0.01
7) Phenol-d6	6.45	99	765864	51.67	ng	0.00
23) Nitrobenzene-d5	7.38	82	472555	37.25	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	242749	56.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	955716	36.25	ng	0.00
79) Terphenyl-d14	12.92	244	1055031	38.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	223088	42.241	ng	99
3) Pyridine	3.36	79	592954	42.206	ng	100
4) n-Nitrosodimethylamine	3.32	42	264539	44.034	ng	94
6) Aniline	6.47	93	577613	29.852	ng	99
8) 2-Chlorophenol	6.60	128	583859	46.186	ng	100
9) Benzaldehyde	6.36	77	148462	17.311	ng	99
10) Phenol	6.46	94	719308	44.114	ng	99
11) bis(2-Chloroethyl)ether	6.55	93	537949	43.048	ng	98
12) 1,3-Dichlorobenzene	6.76	146	580511	42.349	ng	99
13) 1,4-Dichlorobenzene	6.83	146	582656	42.746	ng	99
14) 1,2-Dichlorobenzene	6.99	146	564733	43.795	ng	100
15) Benzyl Alcohol	6.96	79	457947	43.686	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	763522	42.390	ng	100
17) 2-Methylphenol	7.07	107	459829	41.040	ng	99
18) Hexachloroethane	7.33	117	221050	44.806	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	351824	41.740	ng	99
20) 3+4-Methylphenols	7.22	107	512055	35.926	ng	91
22) Acetophenone	7.23	105	677378	41.112	ng	# 94
24) Nitrobenzene	7.40	77	582284	42.581	ng	100
25) Isophorone	7.64	82	1081188	42.698	ng	99
26) 2-Nitrophenol	7.72	139	310556	47.817	ng	99
27) 2,4-Dimethylphenol	7.76	122	487804	46.261	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	689218	44.590	ng	100
29) 2,4-Dichlorophenol	7.96	162	483168	44.841	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	513182	42.927	ng	99
31) Naphthalene	8.12	128	1590436	42.233	ng	99
32) Benzoic acid	7.89	122	382922	48.376	ng	95
33) 4-Chloroaniline	8.17	127	378324	22.520	ng	98
34) Hexachlorobutadiene	8.24	225	293226	41.608	ng	98
35) Caprolactam	8.55	113	156837m	45.389	ng	
36) 4-Chloro-3-methylphenol	8.66	107	508670	46.030	ng	99
37) 2-Methylnaphthalene	8.82	142	1070334	43.773	ng	99
38) 1-Methylnaphthalene	8.92	142	1030915	44.516	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	461334	40.223	ng	99

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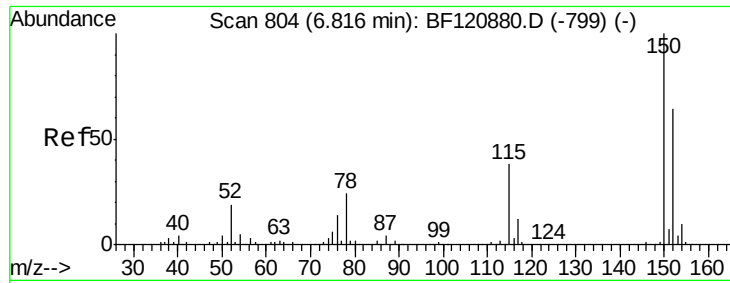
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	559195	88.216	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	365273	45.232	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	379951	41.478	nq	98
46) 1,1'-Biphenyl	9.28	154	1253975	41.760	nq	99
47) 2-Chloronaphthalene	9.30	162	1010044	41.257	nq	98
48) 2-Nitroaniline	9.40	65	320646	43.339	nq	97
49) Acenaphthylene	9.72	152	1594124	41.914	nq	100
50) Dimethylphthalate	9.59	163	1333372	46.950	nq	100
51) 2,6-Dinitrotoluene	9.64	165	280319	45.943	nq	97
52) Acenaphthene	9.89	154	1084676m	44.857	nq	
53) 3-Nitroaniline	9.81	138	194060	25.360	nq	97
54) 2,4-Dinitrophenol	9.92	184	261999	75.062	nq	87
55) Dibenzofuran	10.06	168	1438474	41.138	nq	100
56) 4-Nitrophenol	9.97	139	514966	88.590	nq	99
57) 2,4-Dinitrotoluene	10.05	165	372645	46.508	nq	94
58) Fluorene	10.40	166	1024680	39.291	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	324158	46.478	nq	98
60) Diethylphthalate	10.28	149	1213809	42.255	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	496779	35.713	nq	97
62) 4-Nitroaniline	10.43	138	296815	39.819	nq	95
63) Azobenzene	10.56	77	1153157	42.167	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	192821	44.255	nq	95
66) n-Nitrosodiphenylamine	10.52	169	1026384	43.020	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	349651	41.351	nq	95
68) Hexachlorobenzene	10.95	284	402625	44.018	nq	94
69) Atrazine	11.05	200	307943	52.117	nq	98
70) Pentachlorophenol	11.15	266	452265	86.308	nq	99
71) Phenanthrene	11.37	178	1594336	40.875	nq	100
72) Anthracene	11.42	178	1678414	42.853	nq	99
73) Carbazole	11.57	167	1592547	40.971	nq	99
74) Di-n-butylphthalate	11.90	149	1906048	42.493	nq	99
75) Fluoranthene	12.55	202	1826123	42.238	nq	99
77) Benzidine	12.67	184	799441	51.207	nq	99
78) Pyrene	12.78	202	1856215	44.215	nq	99
80) Butylbenzylphthalate	13.40	149	853024	45.581	nq	94
81) Benzo(a)anthracene	13.97	228	1467742	40.819	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	463306	34.153	nq	99
83) Chrysene	14.01	228	1593535	42.172	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	979070	42.426	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1990521	43.355	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1583656	37.018	nq	100
88) Benzo(b)fluoranthene	15.01	252	1672416	44.978	nq	98
89) Benzo(k)fluoranthene	15.04	252	1603363	47.282	nq	100
90) Benzo(a)pyrene	15.37	252	1482310	43.694	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1318017	37.716	nq	98
92) Benzo(g,h,i)perylene	17.29	276	1241873	36.042	nq	99

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



#1

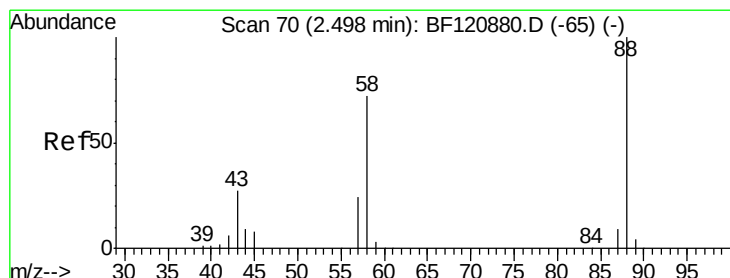
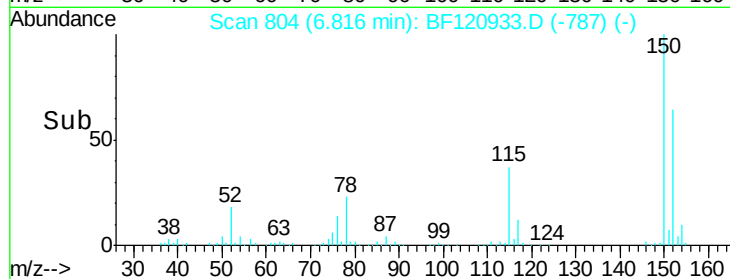
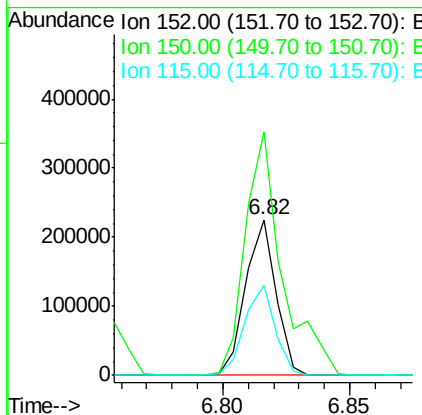
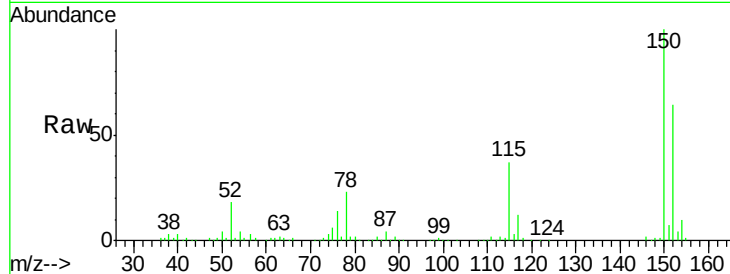
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.0	187.6
115	57.5	47.0	70.4

Manual Integrations
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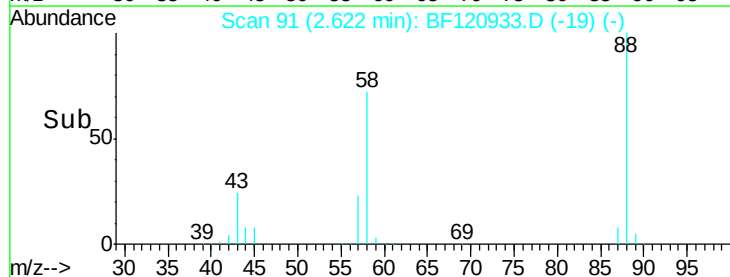
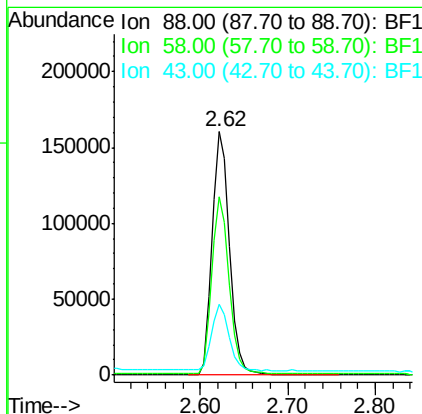
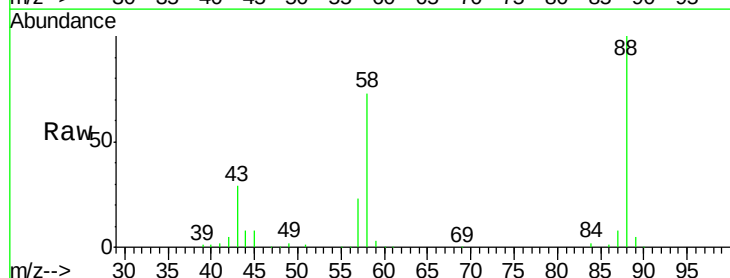
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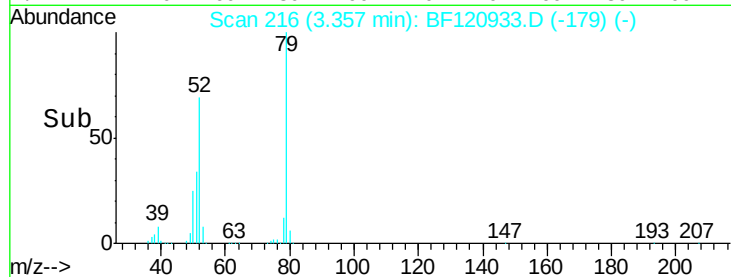
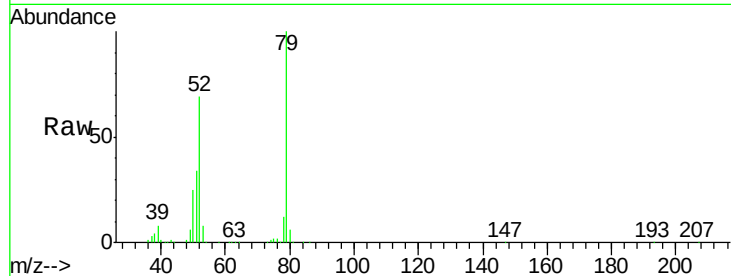
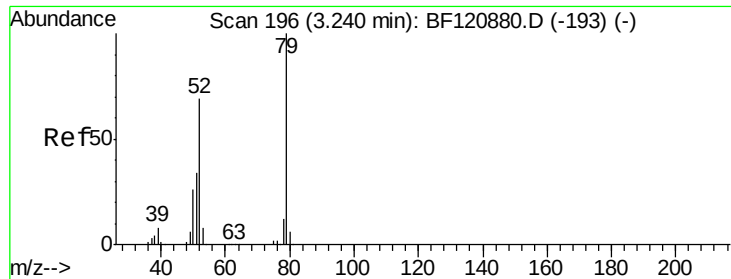


#2

1,4-Dioxane
Concen: 42.241 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.12 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	58.2	87.2
43	27.0	22.1	33.1





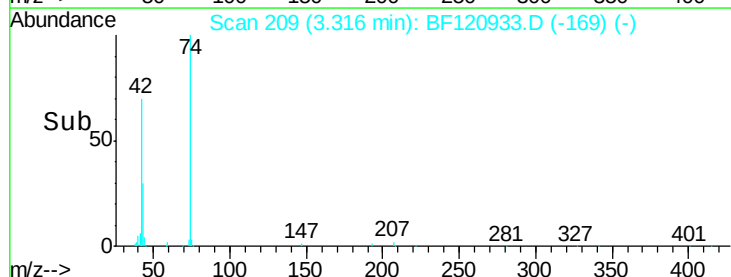
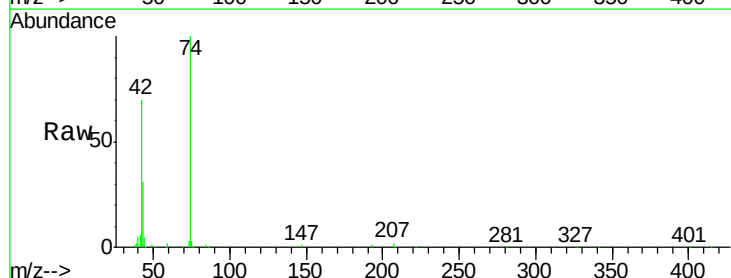
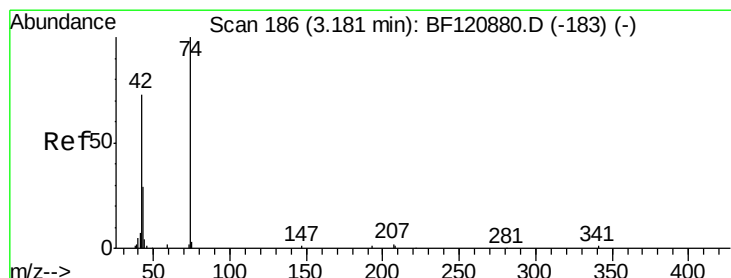
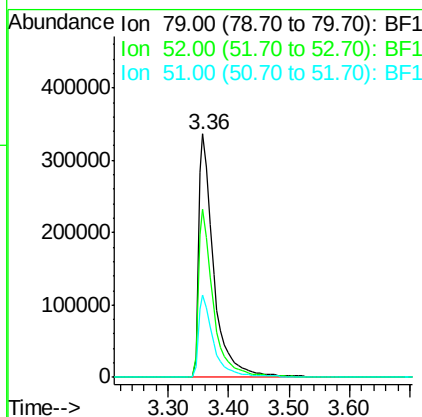
#3
Pvridine
Concen: 42.206 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.12 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tot Ion	Ratio	Resp	Lower	Upper
79	100	592954		
52	69.1		55.0	82.6
51	33.8		26.9	40.3

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

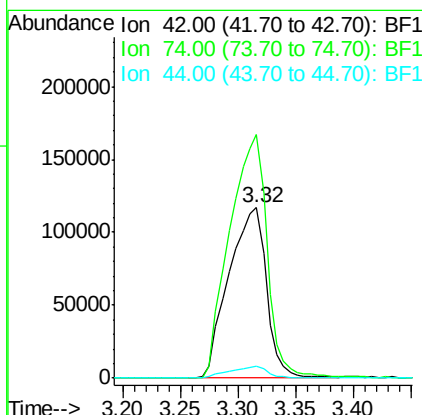
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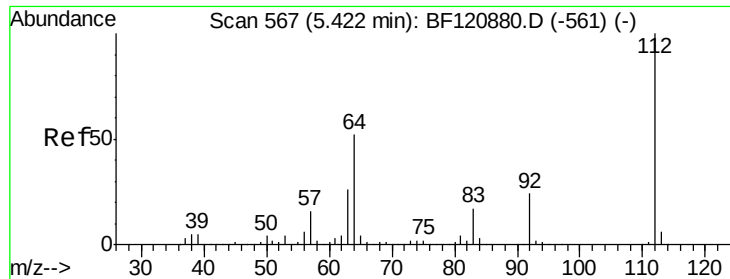
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#4
n-Nitrosodimethylamine
Concen: 44.034 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.14 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	264539		
74	143.0		108.7	163.1
44	6.8		5.2	7.8





#5

2-Fluorophenol

Concen: 53.563 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

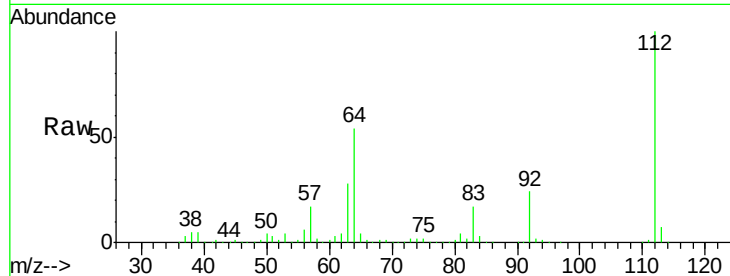
ClientSampleId :

TP-15-SMS

Tot Ion:	112	Resp:	614646
Ion Ratio		Lower	Upper
112	100		
64	53.8	41.3	61.9
63	27.7	21.1	31.7

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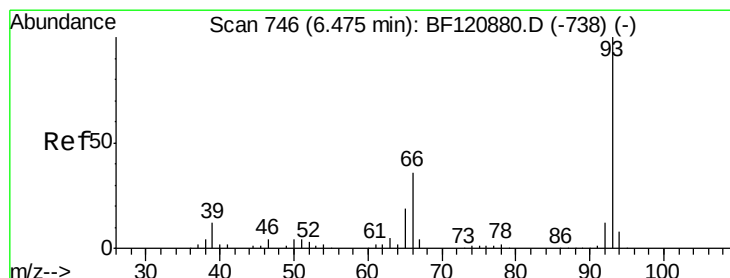
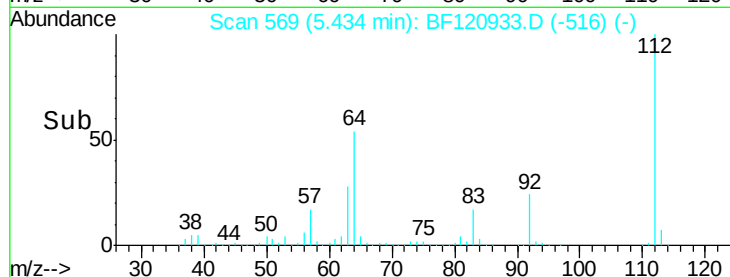
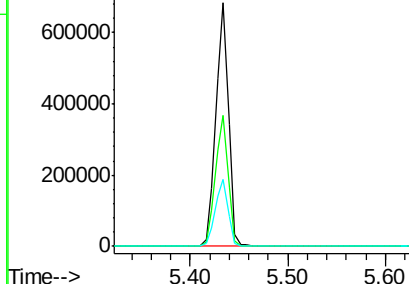
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.852 ng

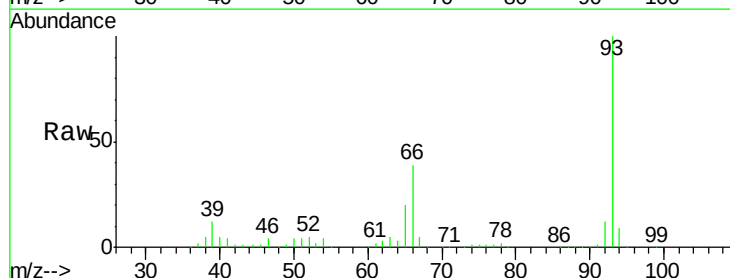
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

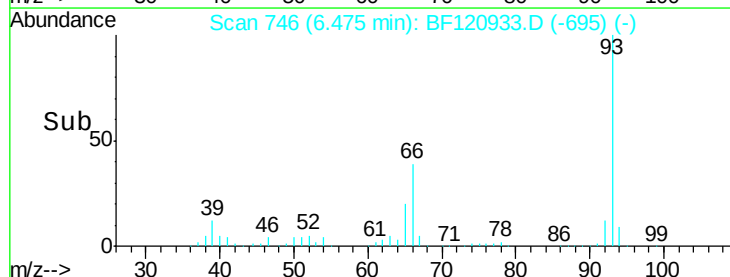
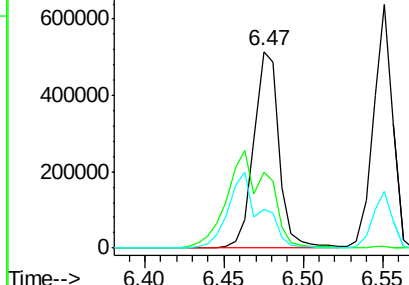
Tgt Ion:	93	Resp:	577613
Ion Ratio		Lower	Upper
93	100		
66	38.7	30.2	45.4
65	19.9	15.8	23.6

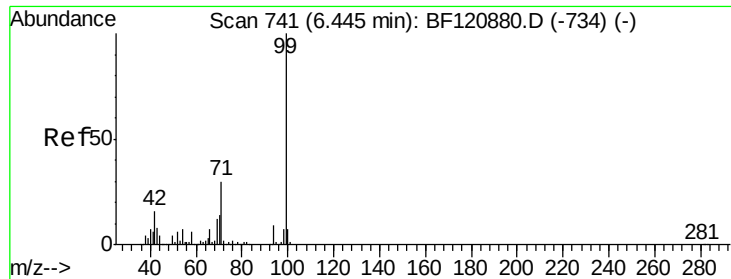


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.667 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

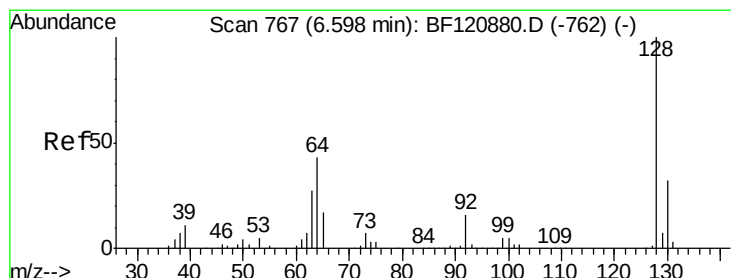
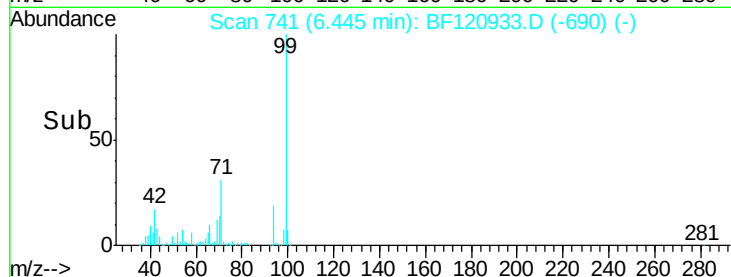
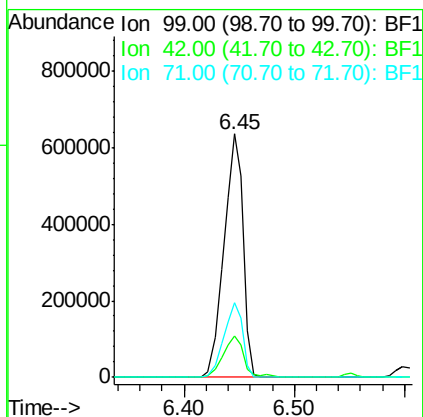
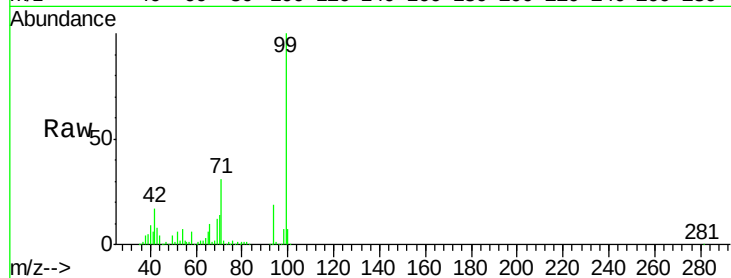
ClientSampleId :

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Tot Ion:	99	Resp:	765864
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.1	19.7
71	30.7	24.2	36.4

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#8

2-Chlorophenol

Concen: 46.186 ng

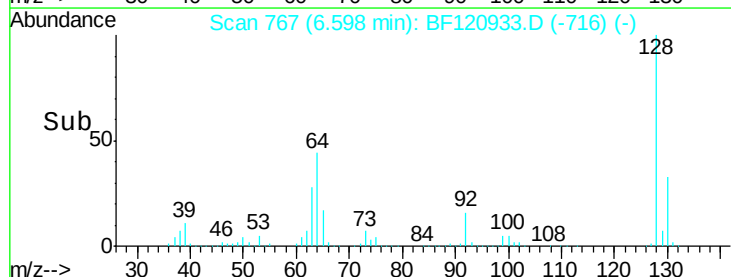
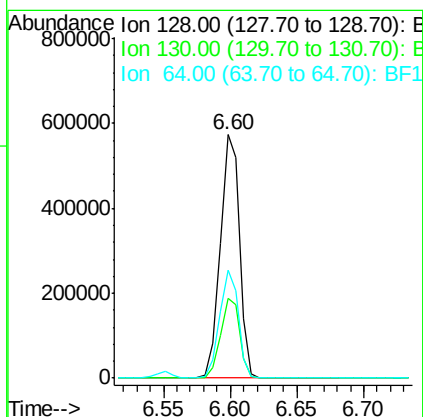
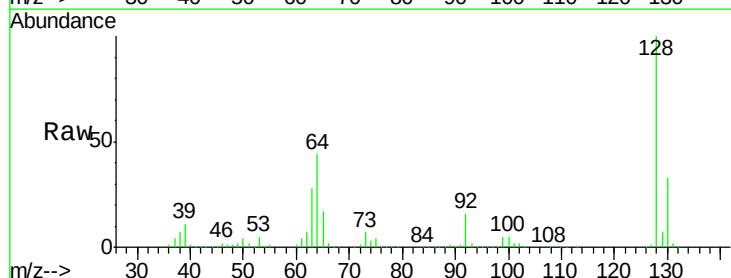
RT: 6.60 min Scan# 767

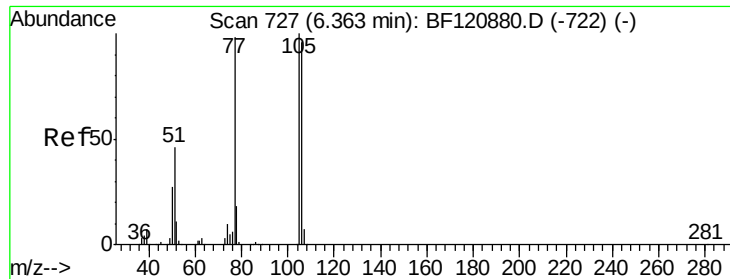
Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:	128	Resp:	583859
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.1	52.1
64	44.1	24.0	64.0





#9

Benzaldehyde

Concen: 17.311 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

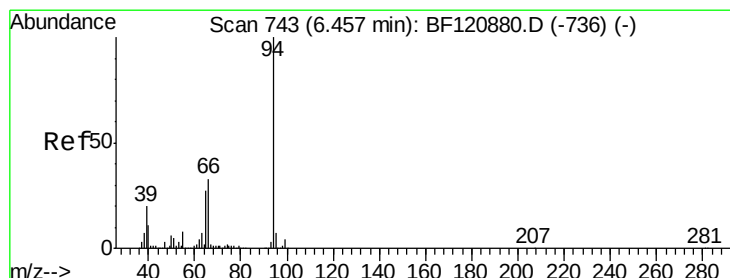
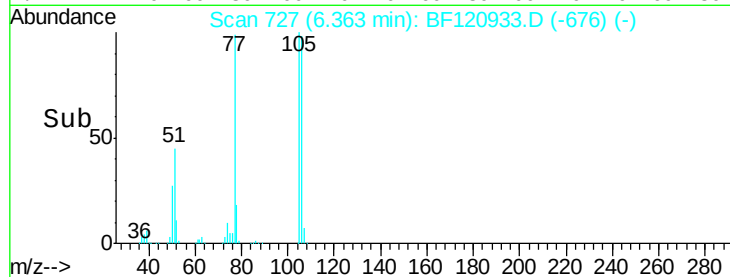
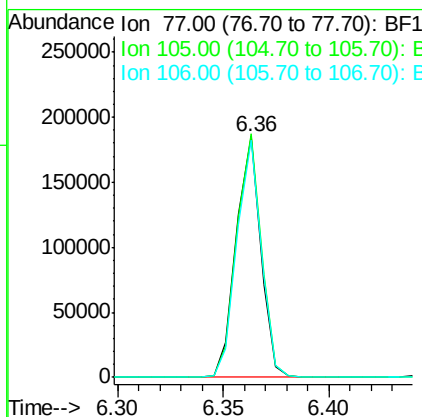
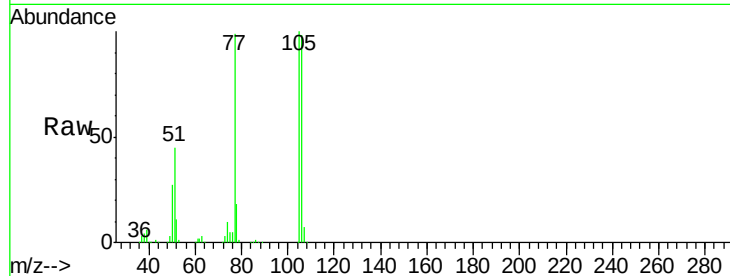
ClientSampleId :

TP-15-SMS

Tot Ion:	77	Resp:	148462
Ion	Ratio	Lower	Upper
77	100		
105	101.0	82.5	122.5
106	98.6	78.7	118.7

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#10

Phenol

Concen: 44.114 ng

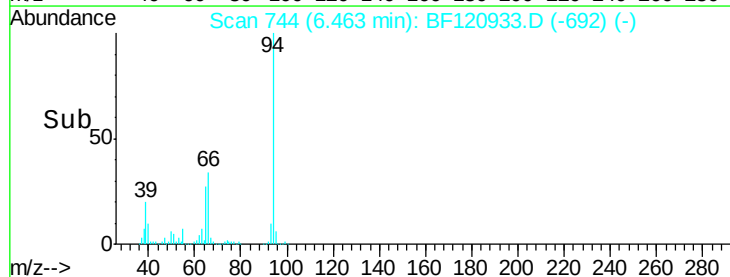
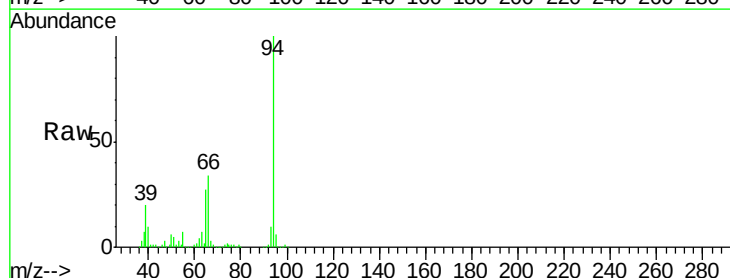
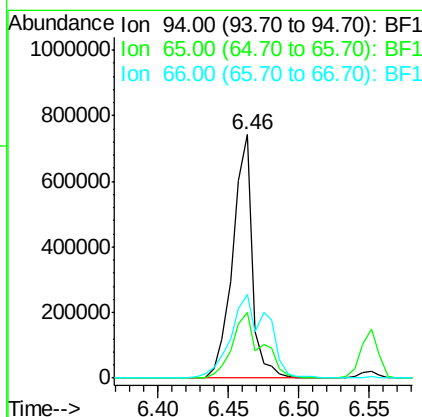
RT: 6.46 min Scan# 744

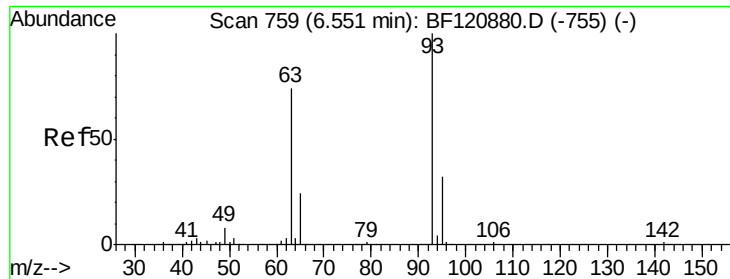
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:	94	Resp:	719308
Ion	Ratio	Lower	Upper
94	100		
65	26.7	6.6	46.6
66	34.5	13.2	53.2





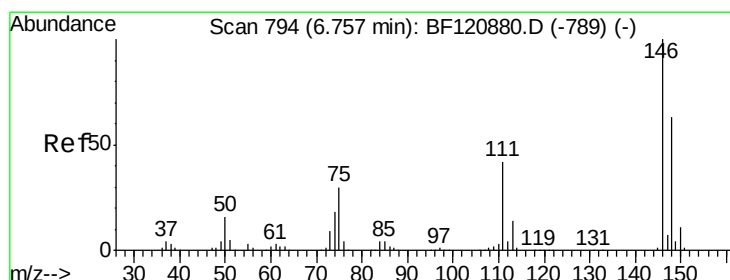
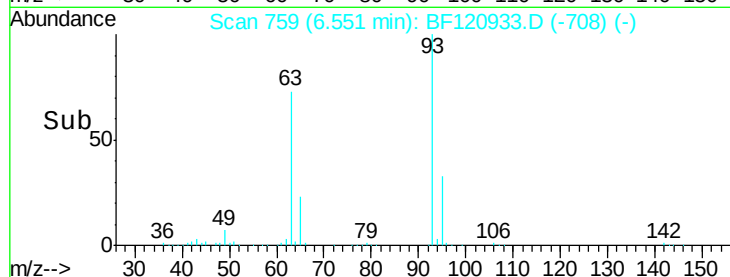
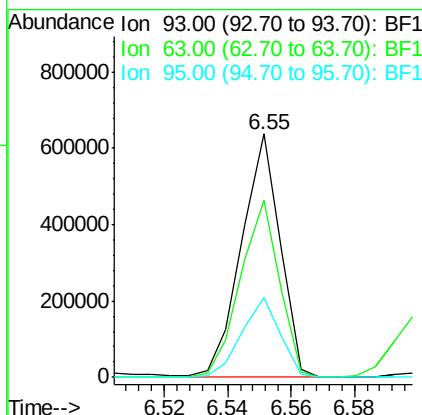
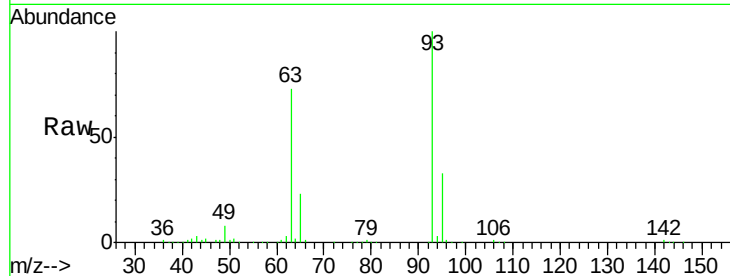
#11
bis(2-Chloroethyl)ether
Concen: 43.048 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:	93	Resp:	537949
Ion Ratio	Lower	Upper	
93	100		
63	72.5	54.2	94.2
95	32.6	12.2	52.2

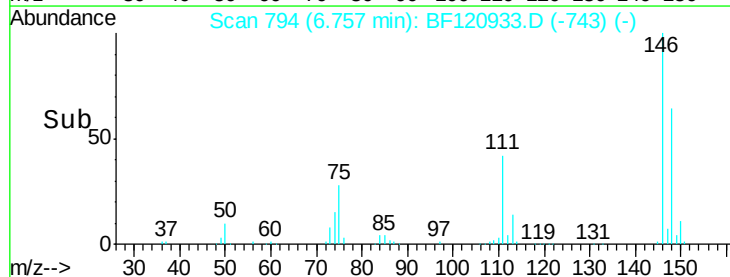
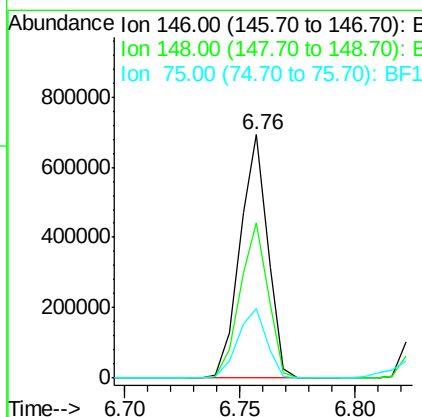
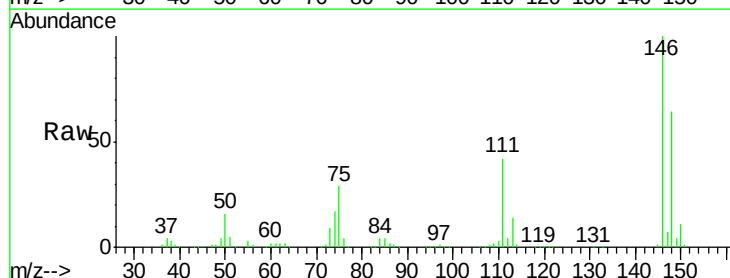
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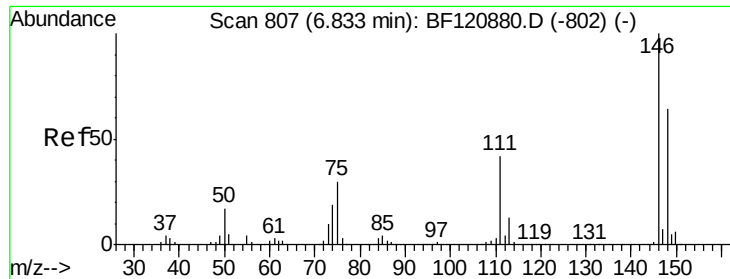
mohammad
7/21/2020 11:32:36 AM



#12
1,3-Dichlorobenzene
Concen: 42.349 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:	146	Resp:	580511
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
75	28.8	24.1	36.1





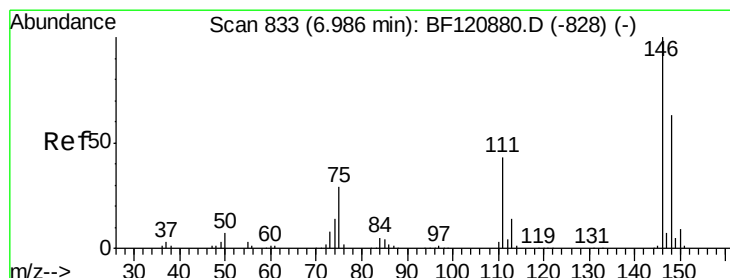
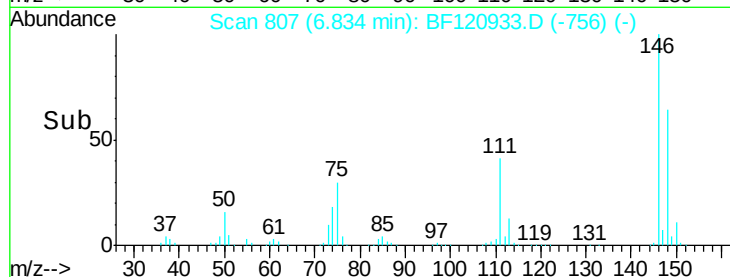
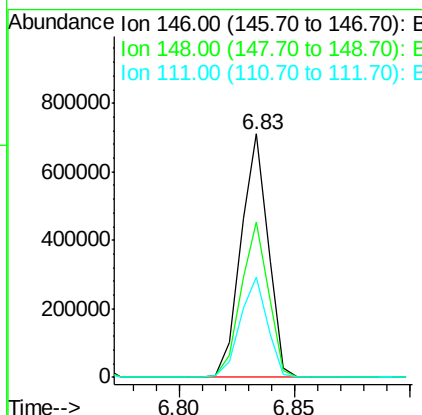
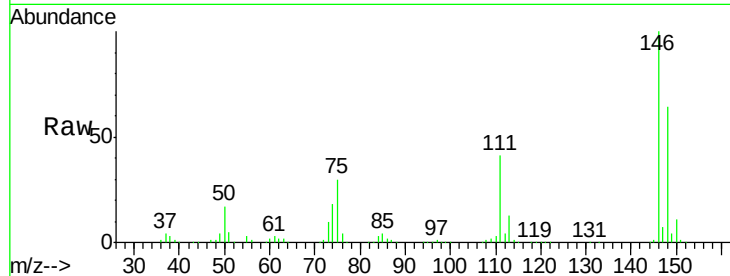
#13
 1,4-Dichlorobenzene
 Concen: 42.746 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	41.0	33.5	50.3

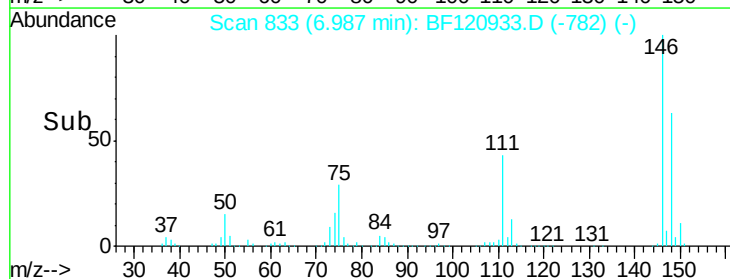
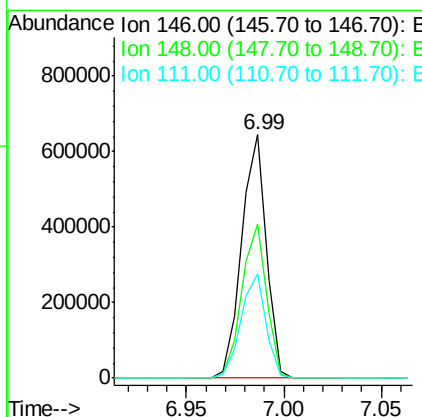
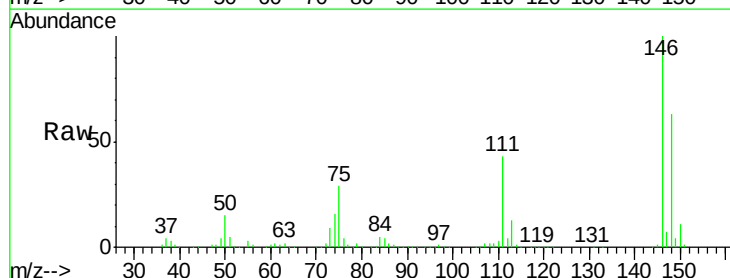
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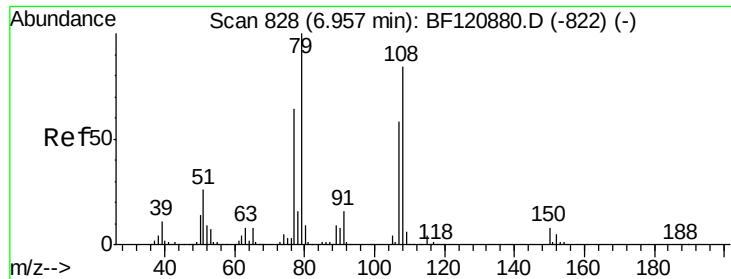
mohammad
 7/21/2020 11:32:36 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.795 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	42.5	34.2	51.2





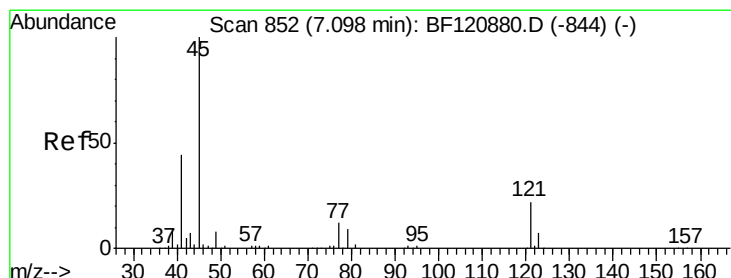
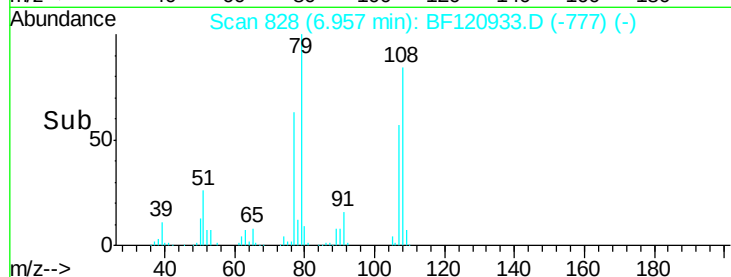
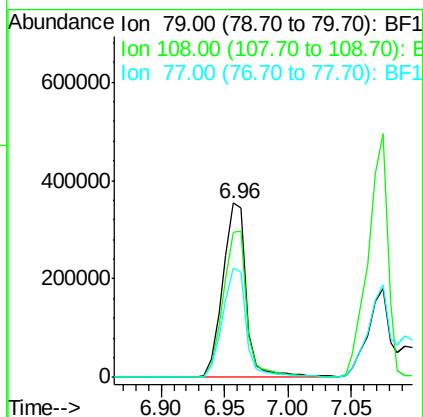
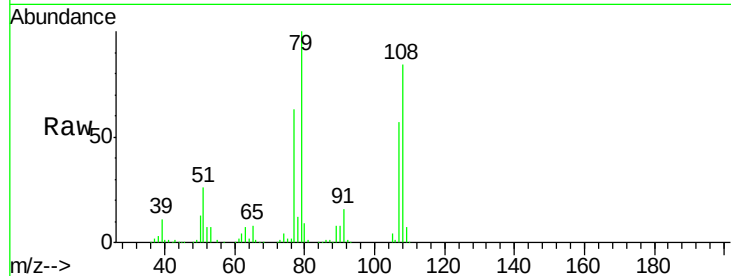
#15
Benzyl Alcohol
Concen: 43.686 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.6	67.0	100.6
77	62.8	51.0	76.4

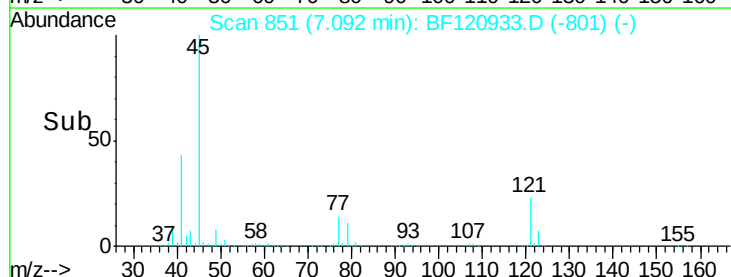
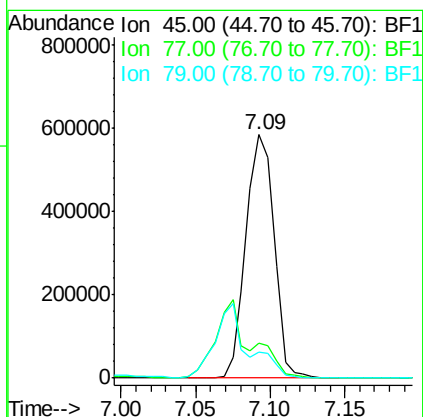
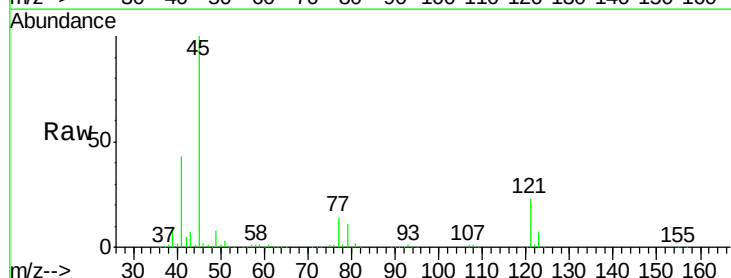
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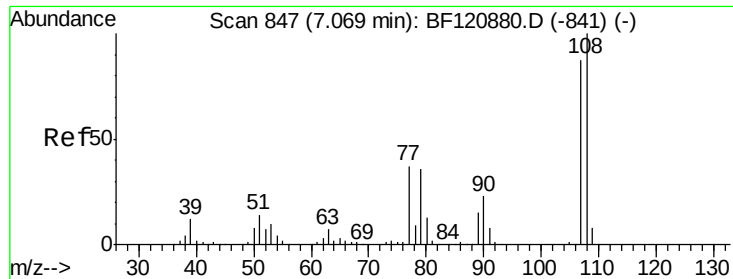
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.390 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	34.3
79	10.8	0.0	31.0





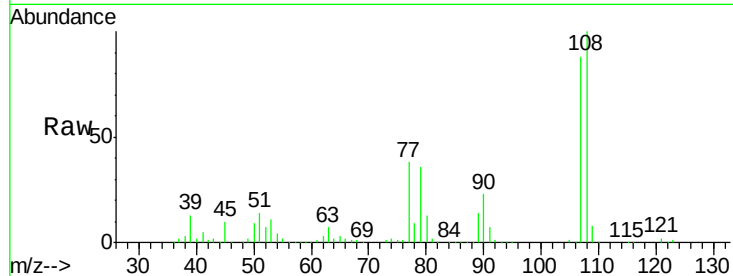
#17
2-Methylphenol
Concen: 41.040 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

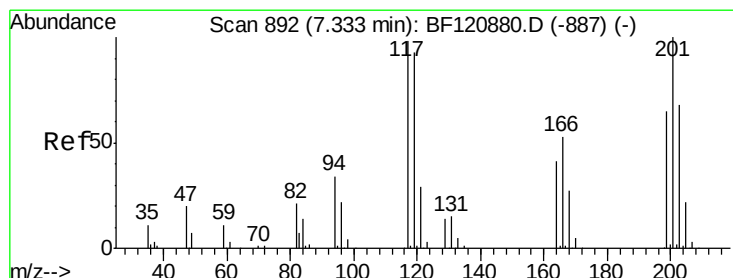
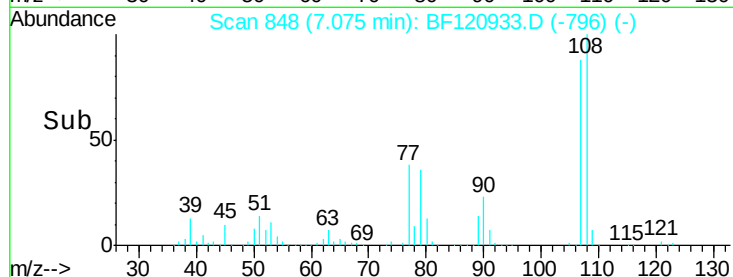
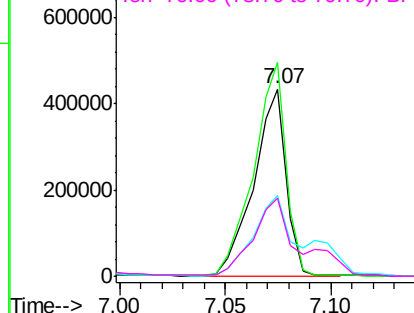
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	92.0	138.0	
77	43.1	34.0	51.0	
79	41.4	33.3	49.9	

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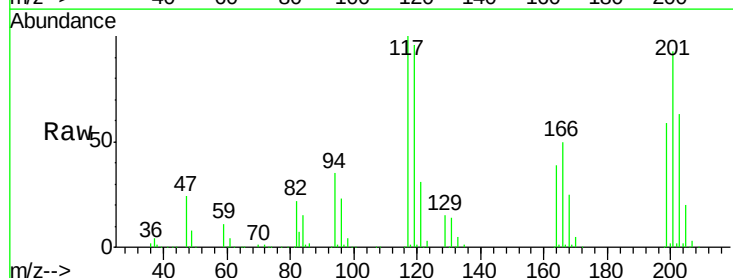


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

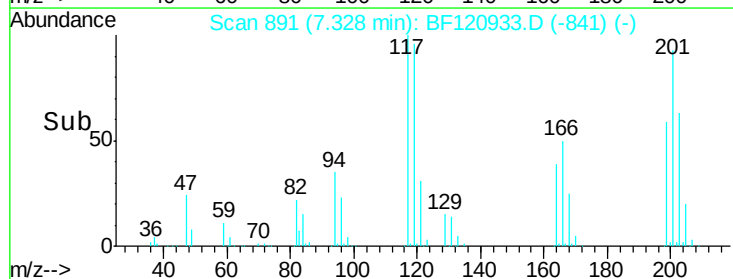
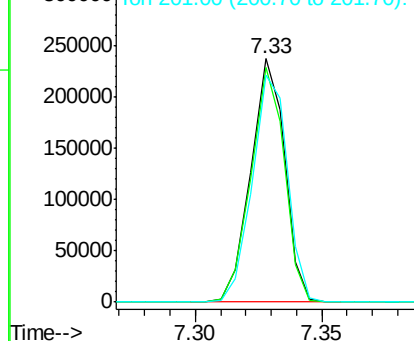


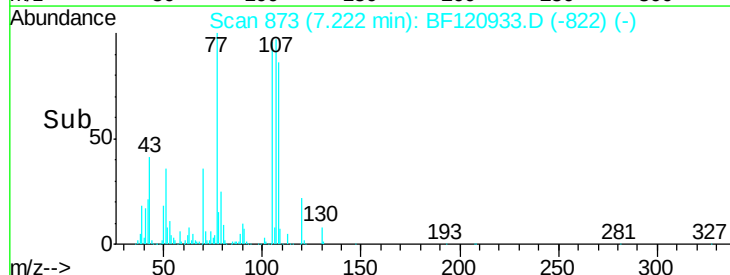
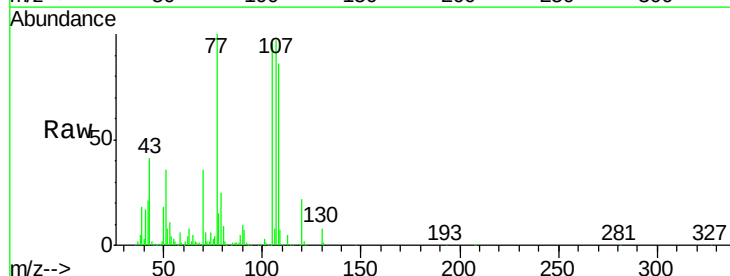
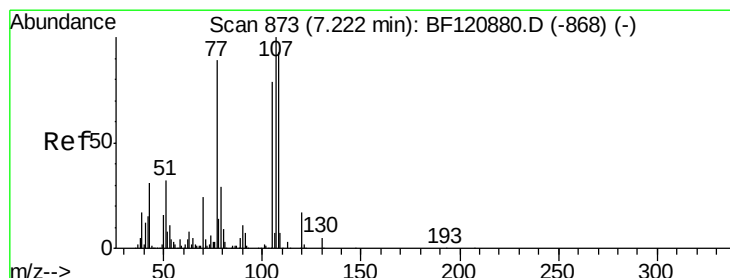
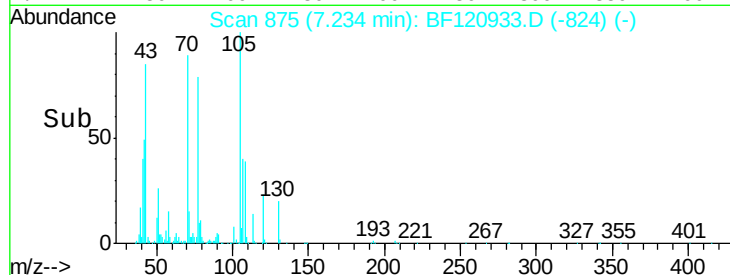
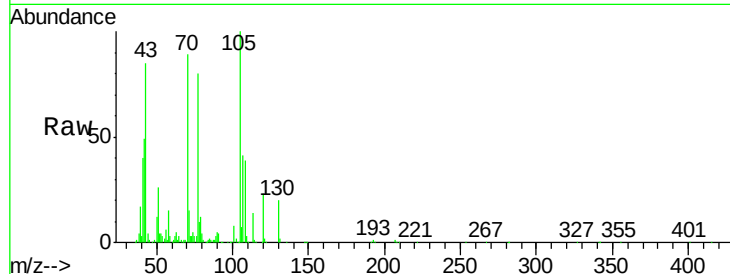
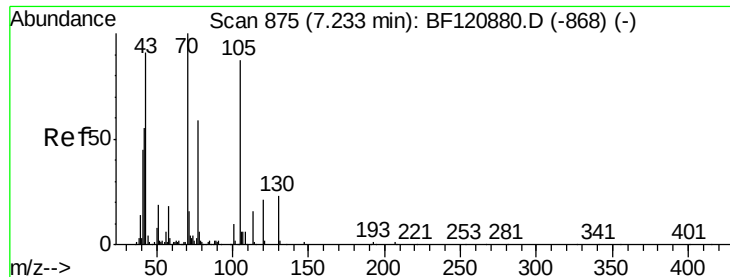
#18
Hexachloroethane
Concen: 44.806 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.0	114.0	
201	93.4	81.7	122.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





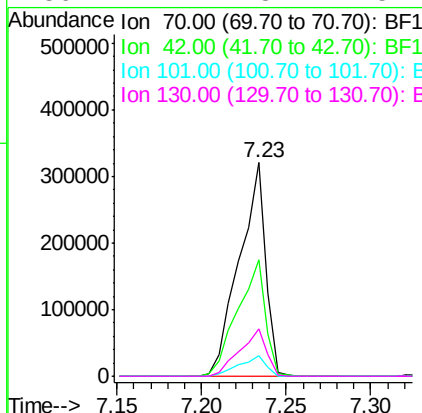
#19
n-Nitroso-di-n-propylamine
Concen: 41.740 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	44.0	66.0	
101	9.5	7.8	11.6	
130	22.4	18.7	28.1	

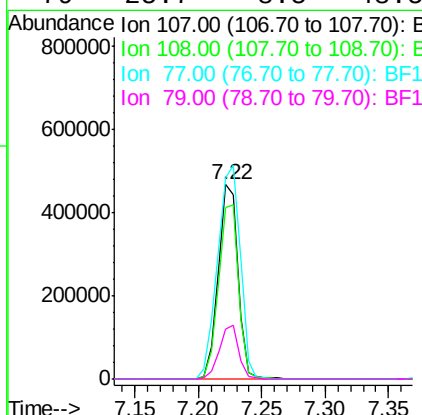
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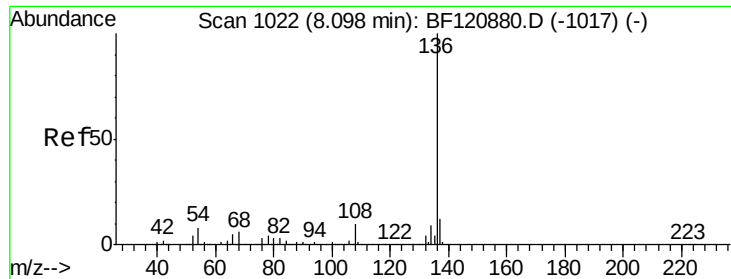
mohammad
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#20
3+4-Methylphenols
Concen: 35.926 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	72.8	112.8	
77	103.1	68.7	108.7	
79	25.7	8.5	48.5	





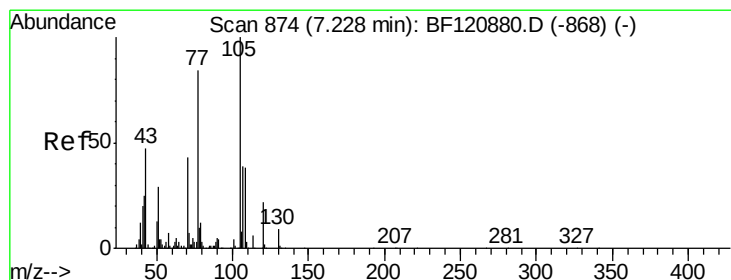
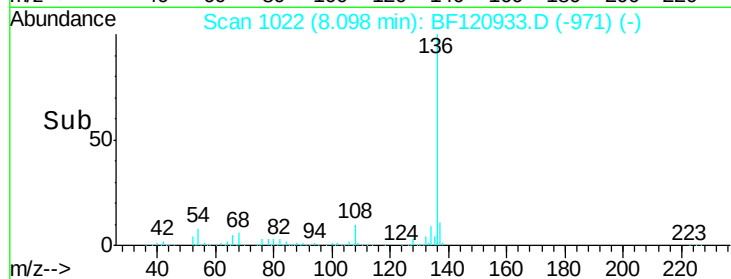
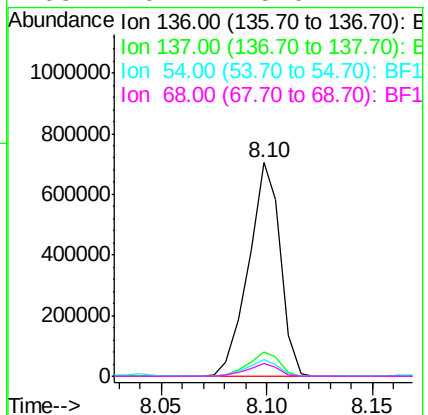
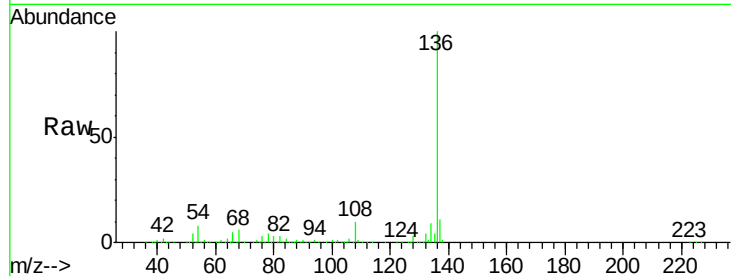
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	136	Resp	734149
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.3	13.9
54	7.7	6.3	9.5
68	6.1	5.0	7.4

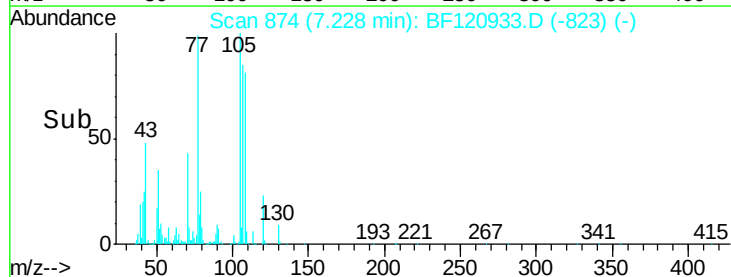
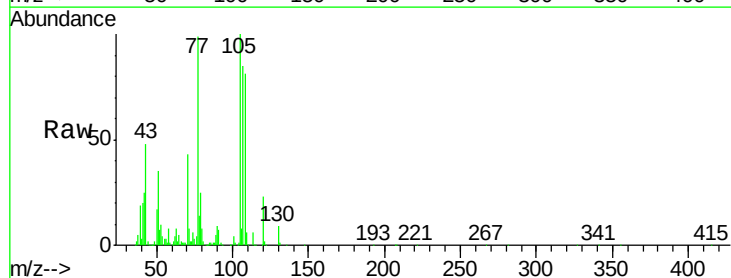
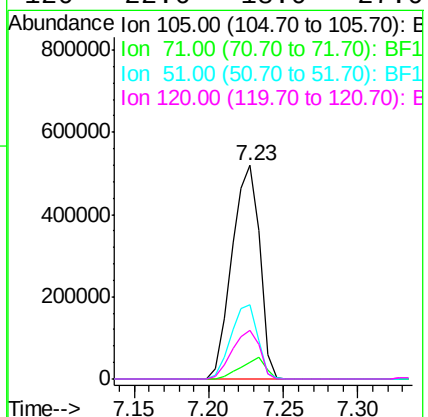
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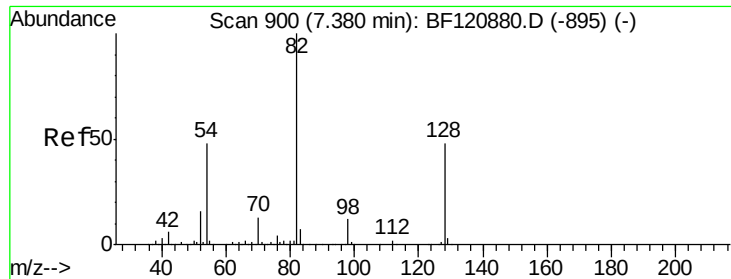
mohammad
7/21/2020 11:32:36 AM



#22
Acetophenone
Concen: 41.112 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	105	Resp	677378
Ion Ratio	Lower	Upper	
105	100		
71	7.5	5.7	8.5
51	34.5	22.9	34.3#
120	22.6	18.0	27.0





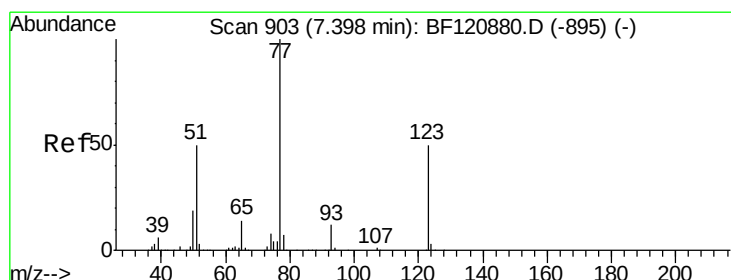
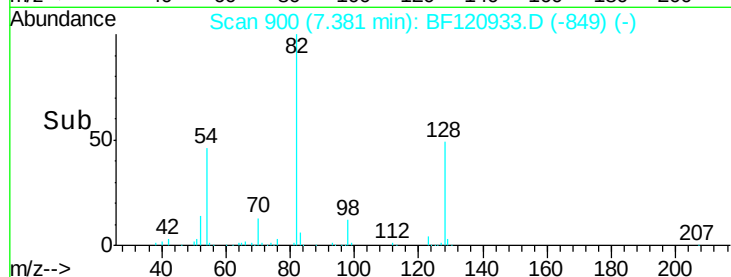
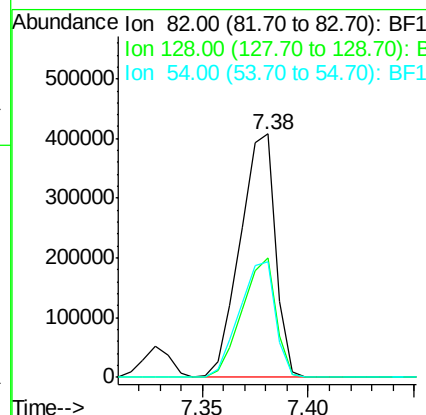
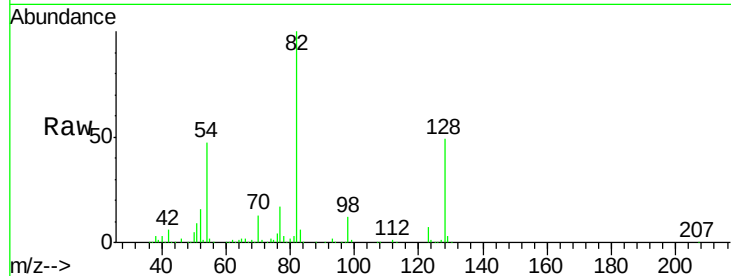
#23
Nitrobenzene-d5
Concen: 37.245 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	472555		
128	49.2	38.2	57.4	
54	47.4	38.7	58.1	

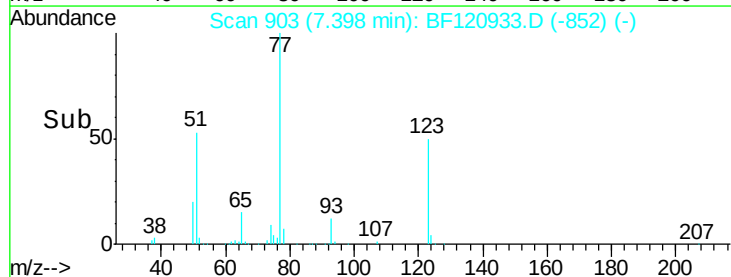
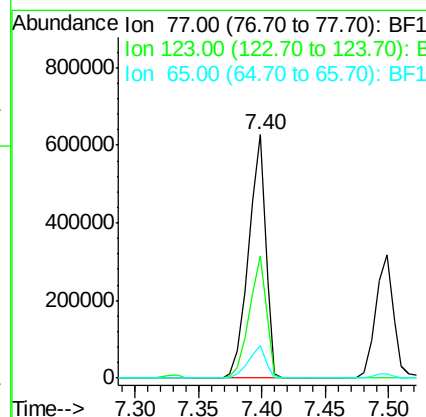
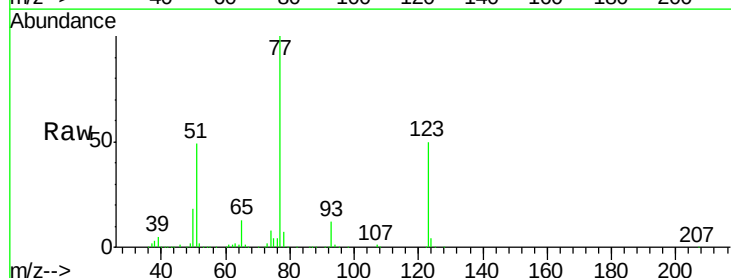
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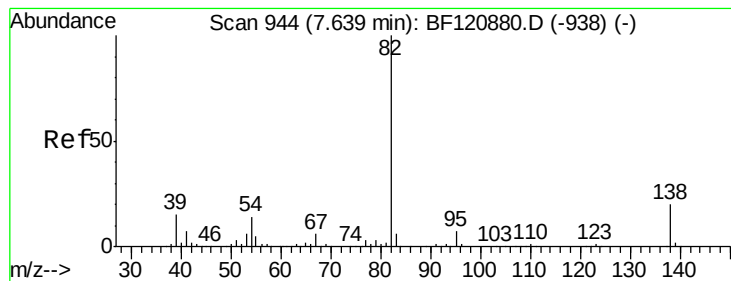
mohammad
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#24
Nitrobenzene
Concen: 42.581 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	582284		
123	50.1	40.1	60.1	
65	13.3	10.8	16.2	





#25

Isophorone

Concen: 42.698 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion: 82 Resp: 1081188

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

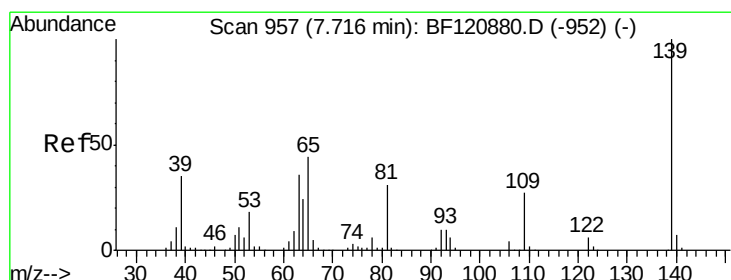
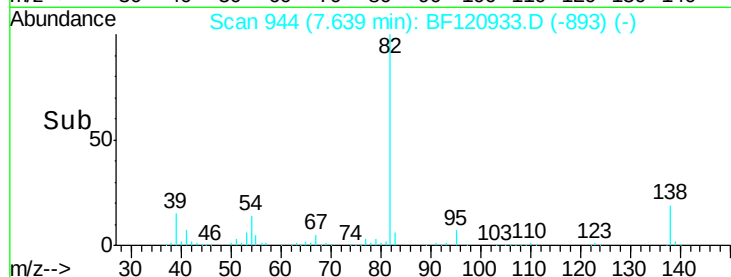
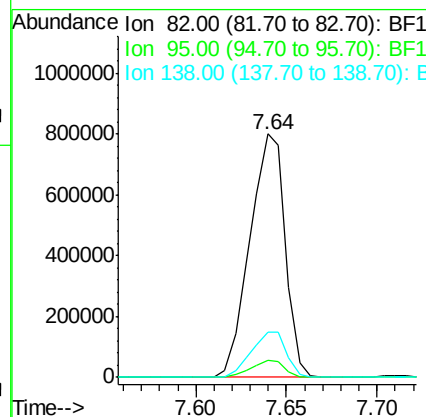
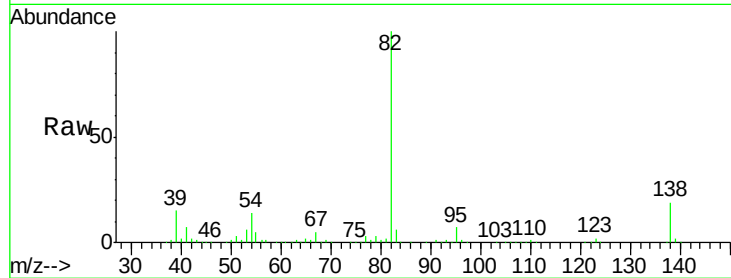
138 18.6 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.817 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

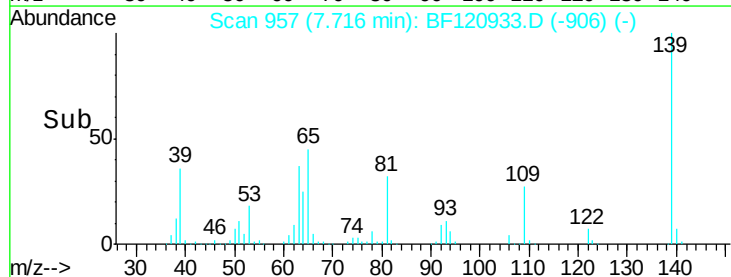
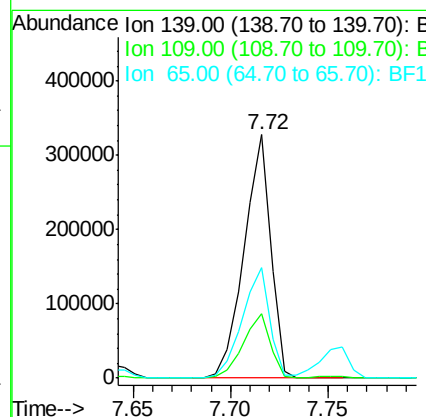
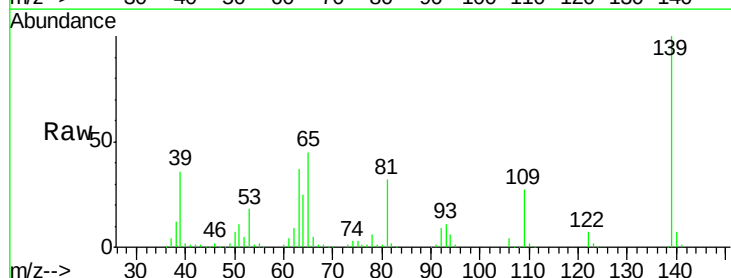
Tgt Ion: 139 Resp: 310556

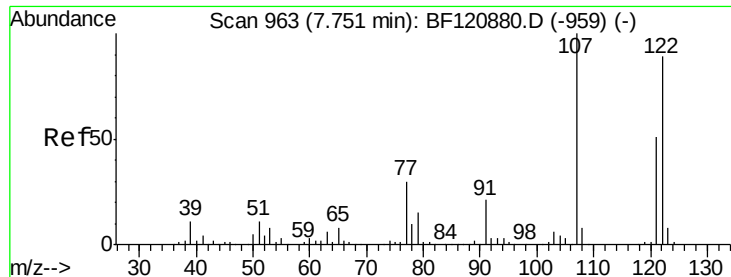
Ion Ratio Lower Upper

139 100

109 26.7 21.6 32.4

65 45.3 35.3 52.9





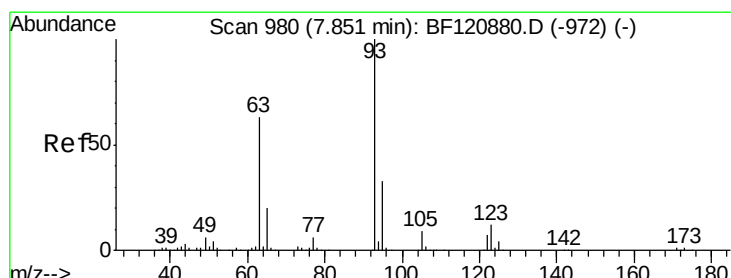
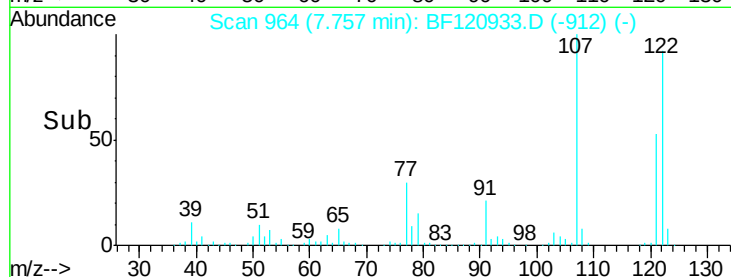
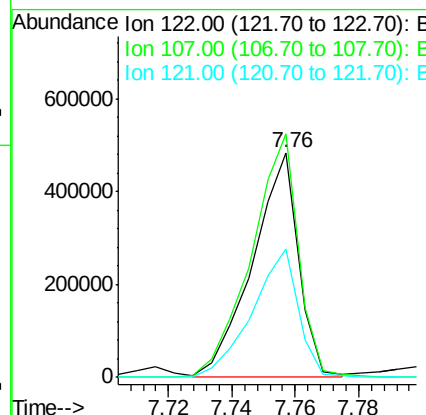
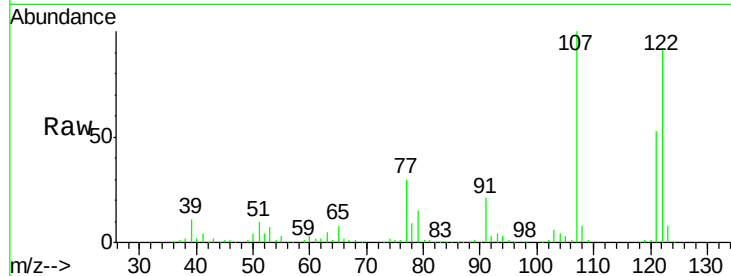
#27
2,4-Dimethylphenol
Concen: 46.261 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.4	134.0
121	57.5	46.0	69.0

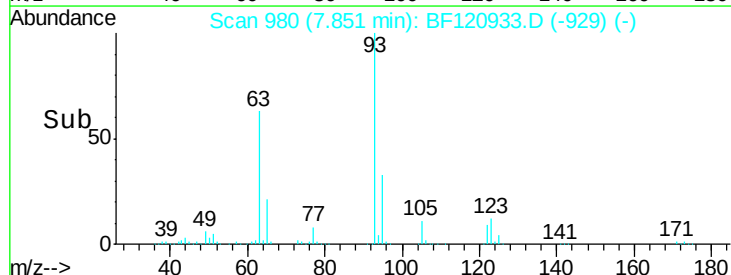
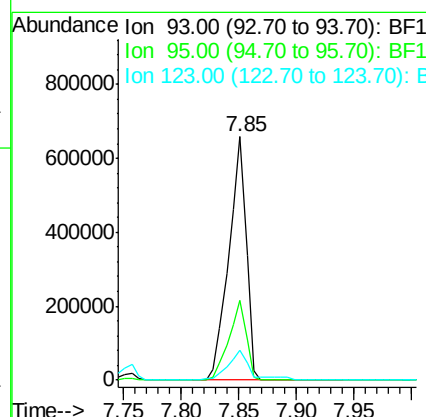
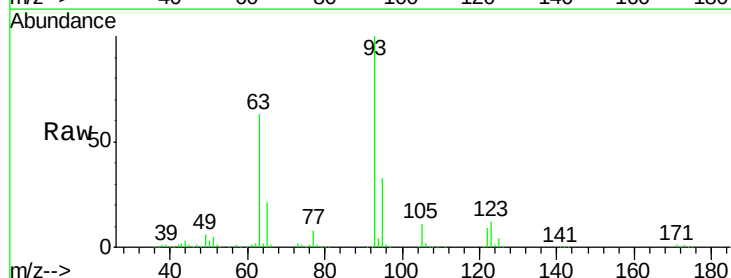
Manual Integrations
APPROVED

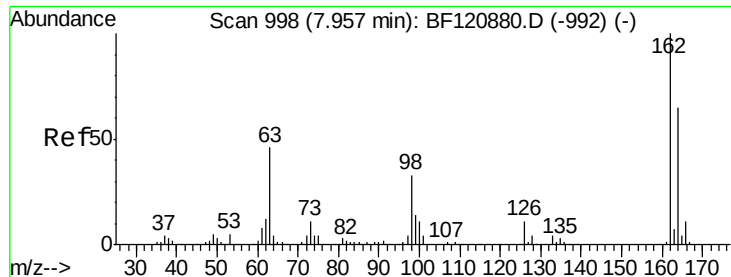
mohammad
7/21/2020 11:32:36 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.590 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	39.8
123	12.4	10.0	15.0





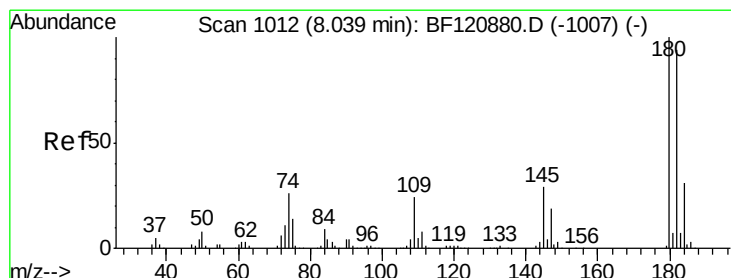
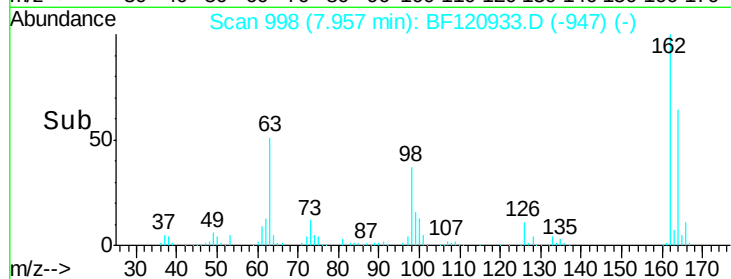
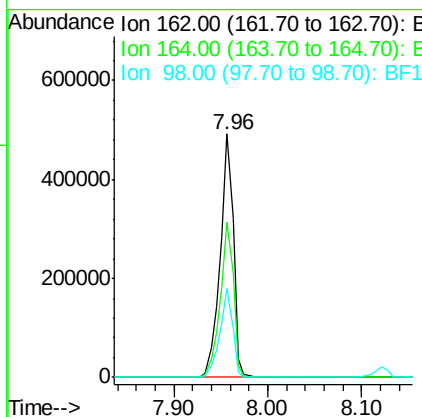
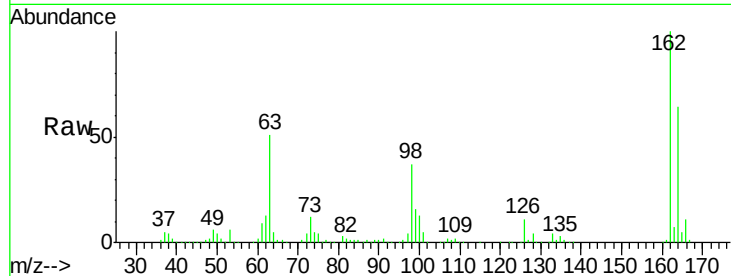
#29
2,4-Dichlorophenol
Concen: 44.841 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		483168		
164	64.0	45.3		85.3	
98	36.5	13.3		53.3	

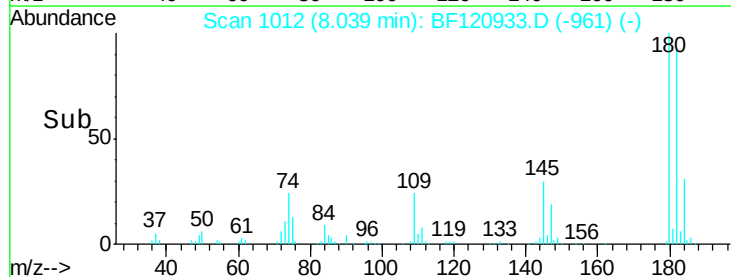
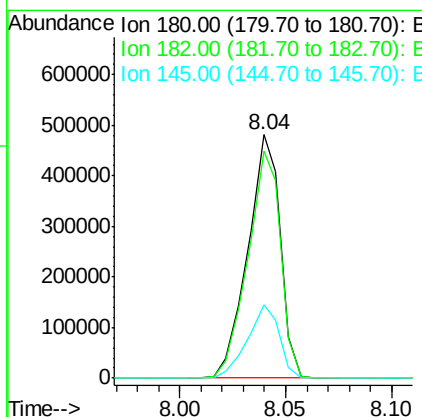
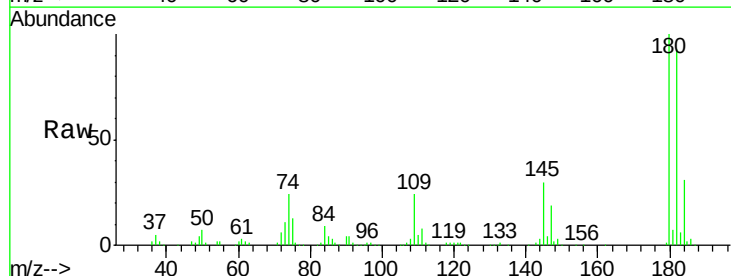
Manual Integrations
APPROVED

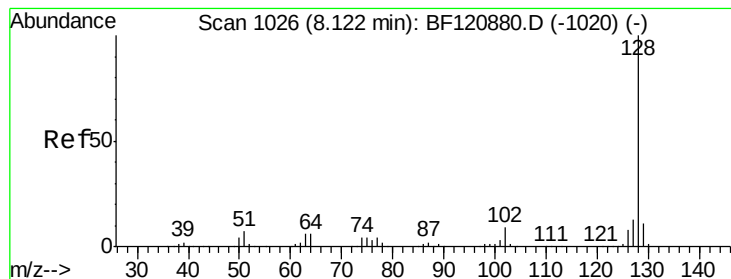
mohammad
7/21/2020 11:32:36 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.927 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		513182		
182	93.4	75.0		112.6	
145	29.9	23.5		35.3	





#31

Naphthalene

Concen: 42.233 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:128 Resp: 1590436

Ion Ratio Lower Upper

128 100

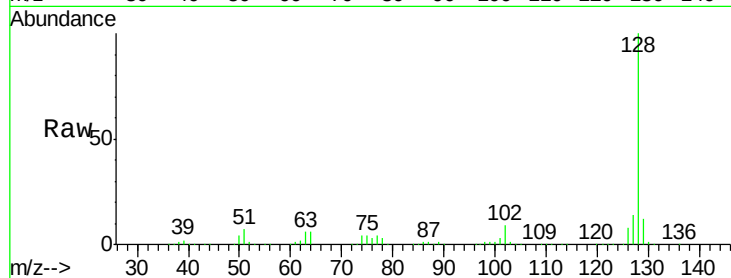
129 11.6 9.1 13.7

127 13.6 10.7 16.1

Manual Integrations
APPROVED

mohammad

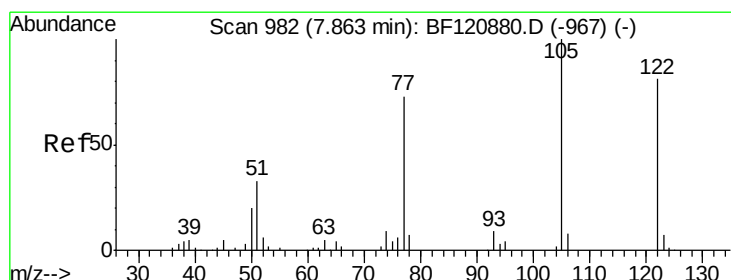
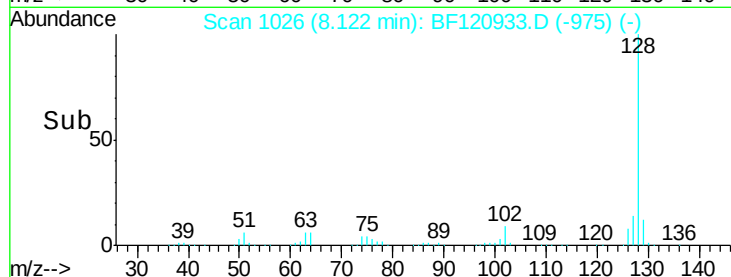
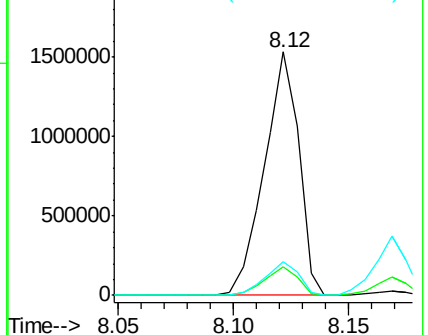
7/21/2020 11:32:36 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.376 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

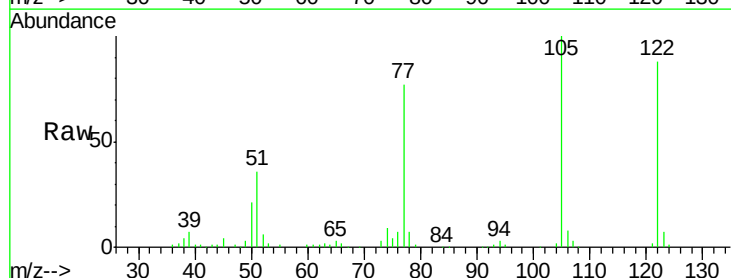
Tgt Ion:122 Resp: 382922

Ion Ratio Lower Upper

122 100

105 113.9 101.3 141.3

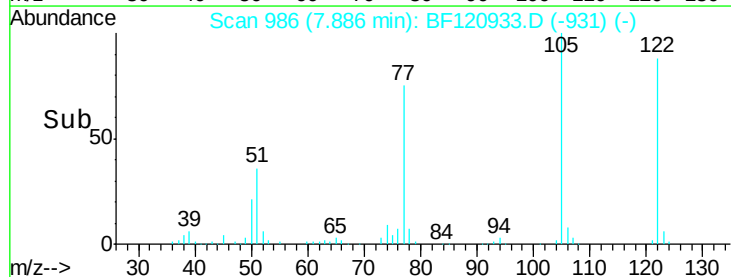
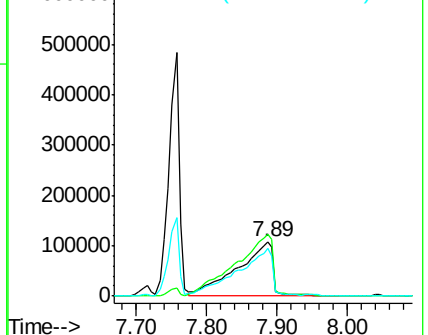
77 87.4 69.1 109.1

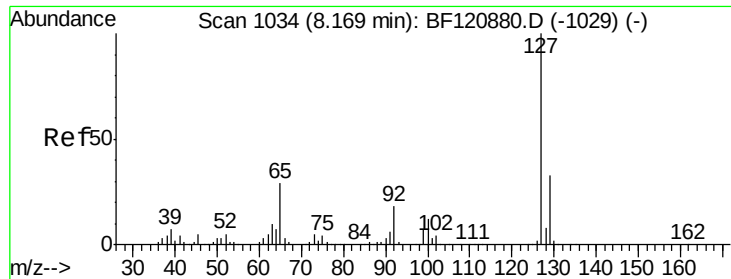


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





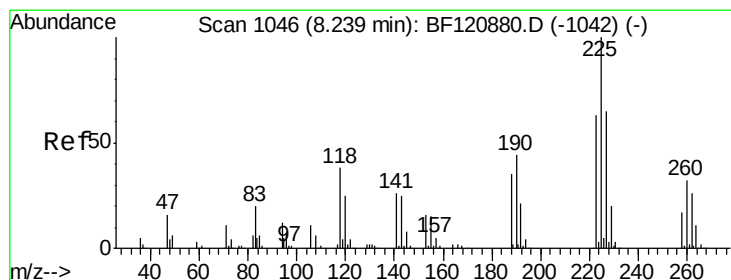
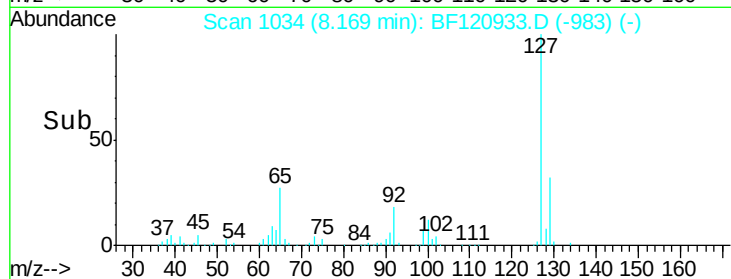
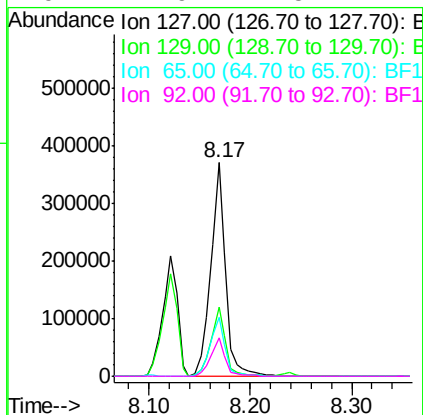
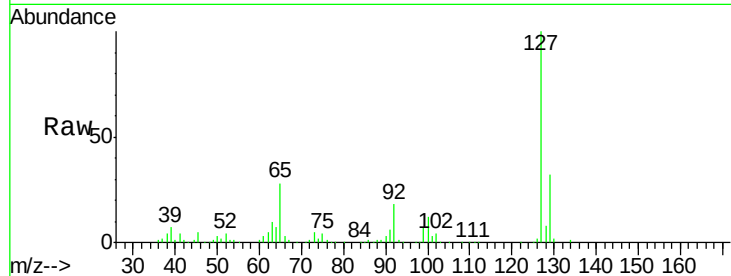
#33
4-Chloroaniline
Concen: 22.520 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.5	39.7		
65	27.6	23.0	34.4		
92	17.9	14.5	21.7		

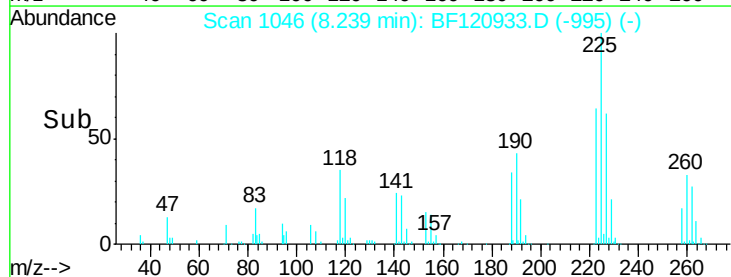
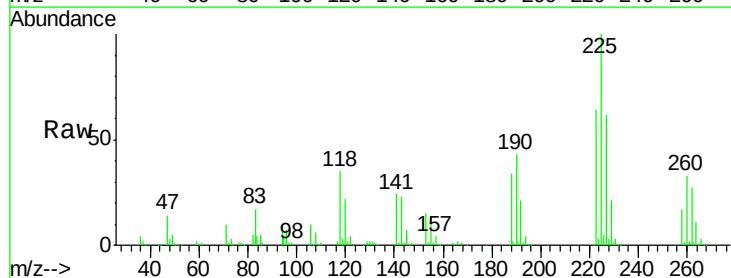
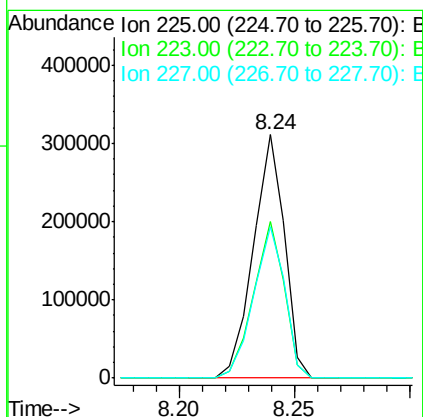
Manual Integrations
APPROVED

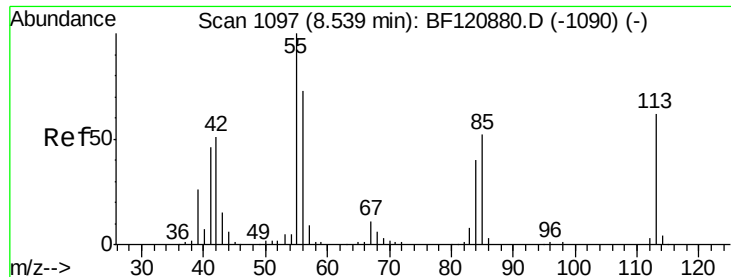
mohammad
7/21/2020 11:32:36 AM



#34
Hexachlorobutadiene
Concen: 41.608 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	50.6	76.0		
227	62.4	52.2	78.2		





#35

Caprolactam

Concen: 45.389 ng/ml

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

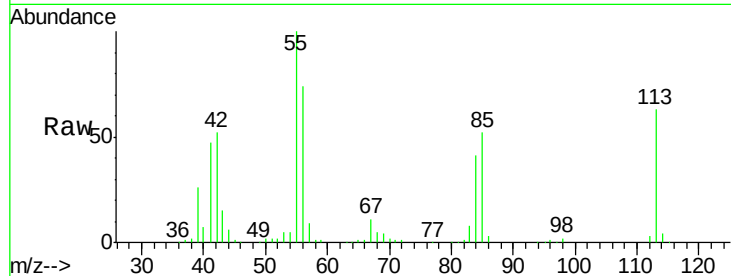
ClientSampleId :

TP-15-SMS

Tot Ion:	113	Resp:	156837
Ion Ratio	Lower	Upper	
113	100		
55	159.9	143.3	183.3
56	118.6	99.4	139.4

Manual Integrations
APPROVED

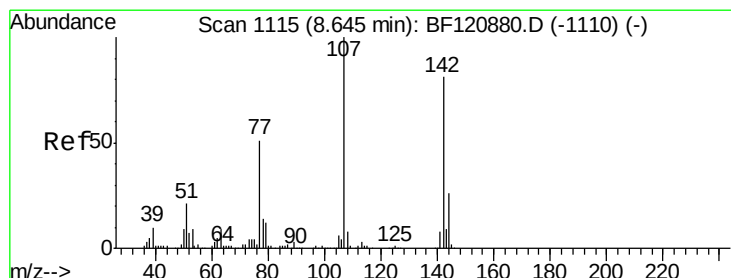
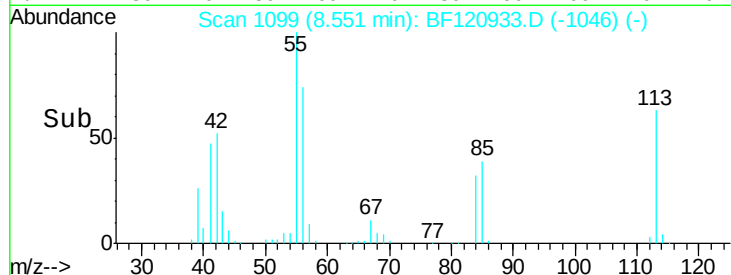
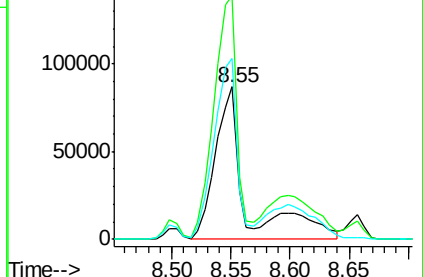
mohammad
7/21/2020 11:32:36 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.030 ng/ml

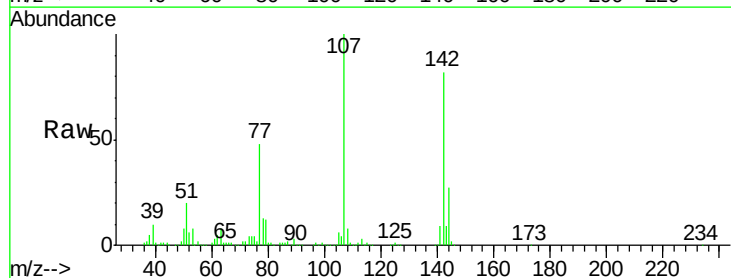
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

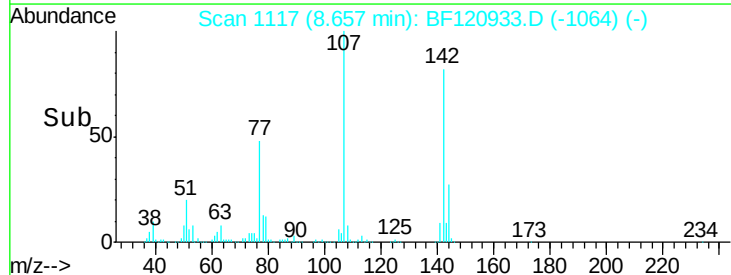
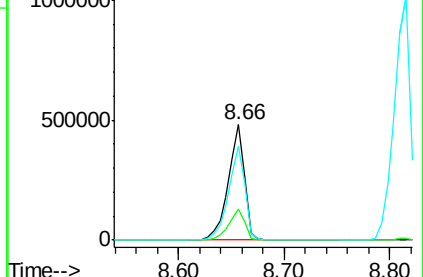
Tgt Ion:	107	Resp:	508670
Ion Ratio	Lower	Upper	
107	100		
144	26.8	21.0	31.6
142	81.9	65.0	97.6

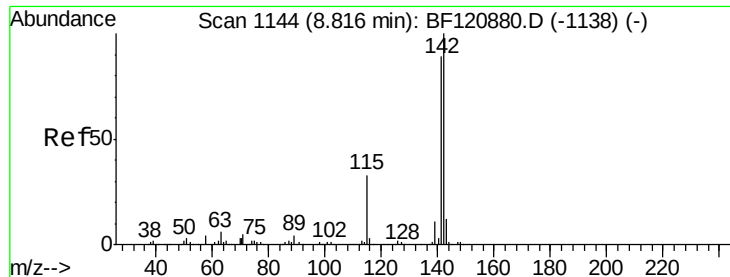


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





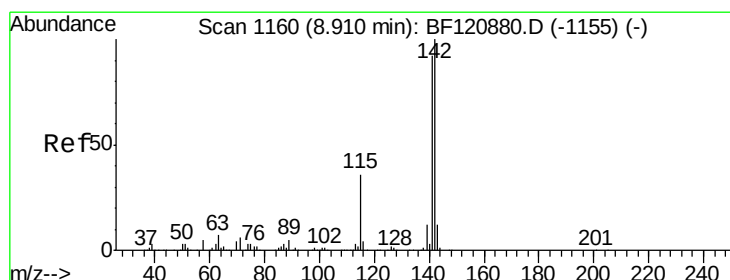
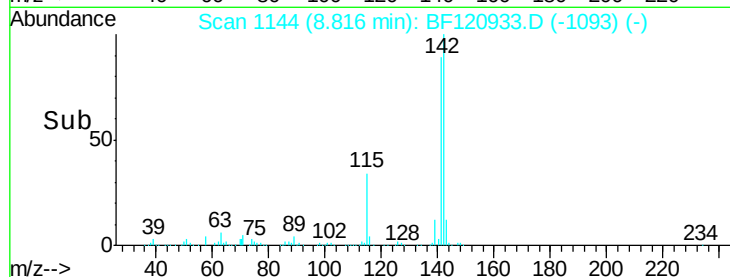
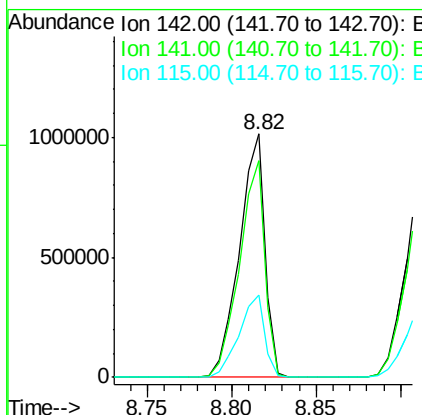
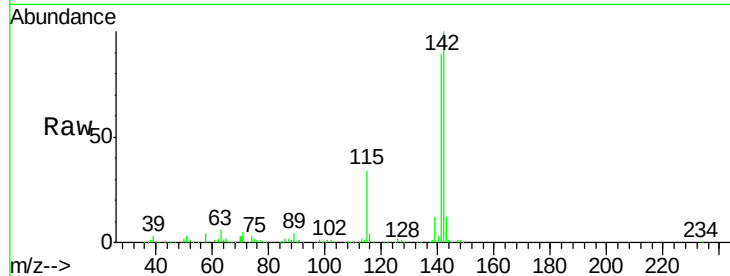
#37
2-Methylnaphthalene
Concen: 43.773 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:142 Resp: 1070334
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4
115 33.6 26.0 39.0

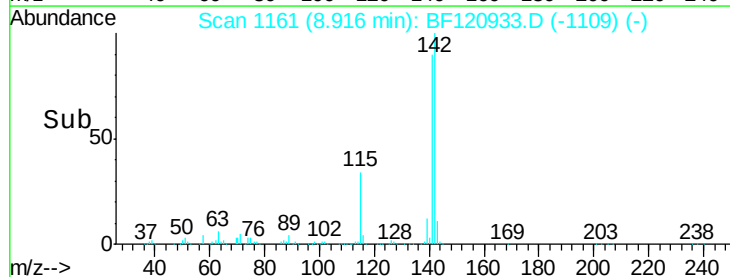
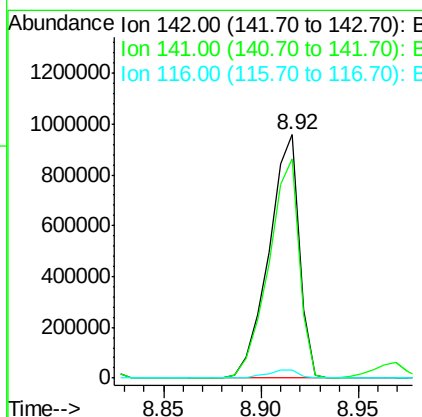
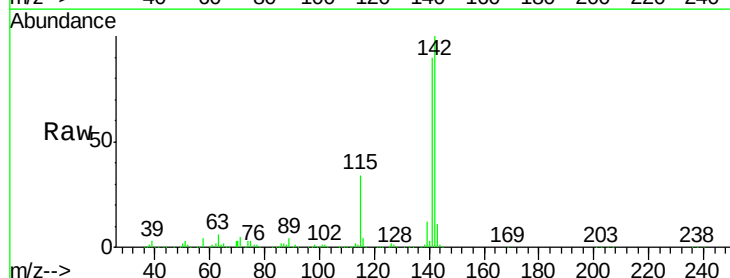
Manual Integrations
APPROVED

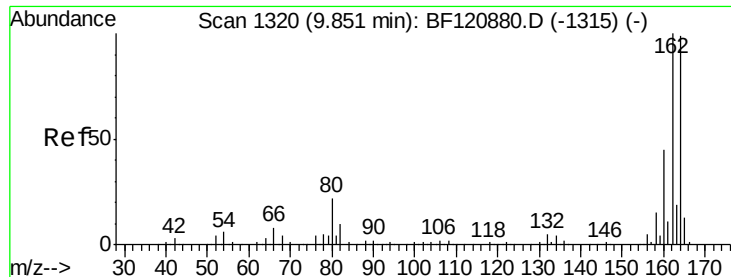
mohammad
7/21/2020 11:32:36 AM



#38
1-Methylnaphthalene
Concen: 44.516 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:142 Resp: 1030915
Ion Ratio Lower Upper
142 100
141 89.8 73.7 110.5
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

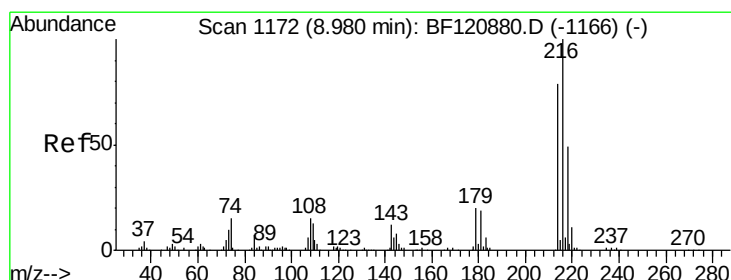
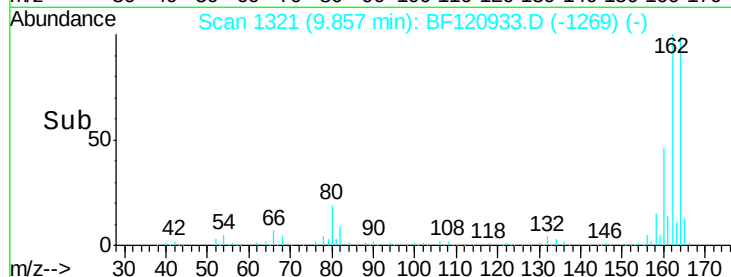
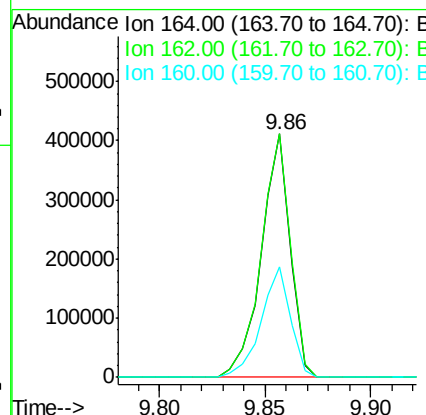
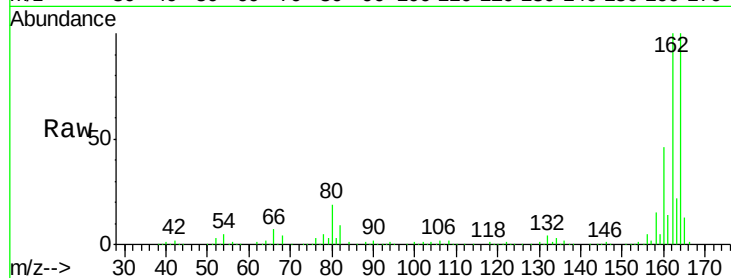
ClientSampled :

TP-15-SMS

Tot Ion:	164	Resp:	393656
Ion Ratio	Lower	Upper	
164	100		
162	100.1	81.2	121.8
160	45.6	36.9	55.3

Manual Integrations
APPROVED

mohammad
7/21/2020 11:32:36 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.223 ng

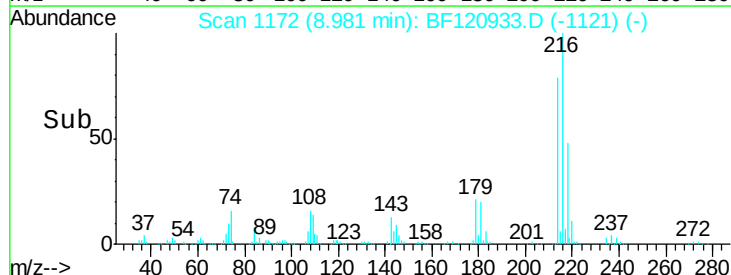
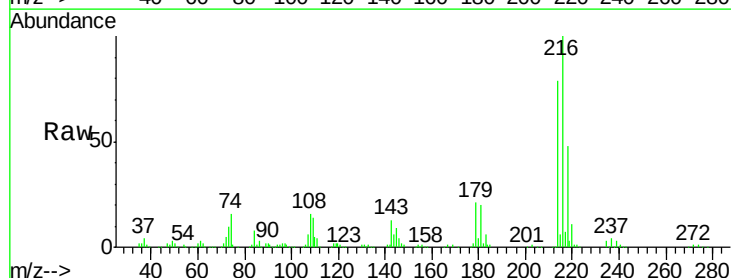
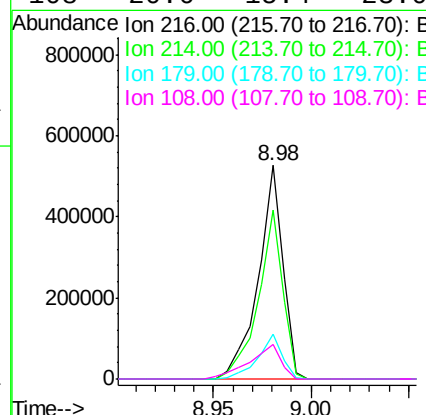
RT: 8.98 min Scan# 1172

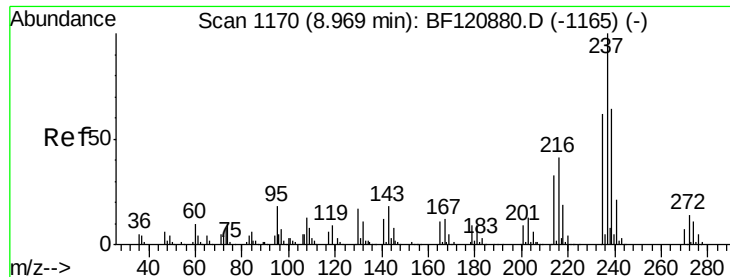
Delta R.T. 0.00 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:	216	Resp:	461334
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.8	95.8
179	20.6	16.6	24.8
108	20.6	15.4	23.0





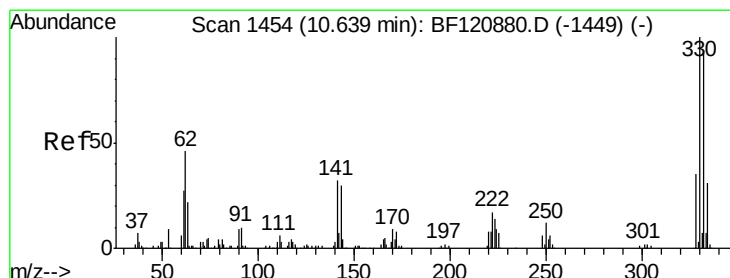
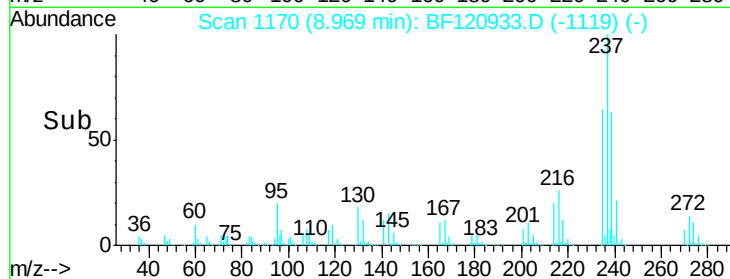
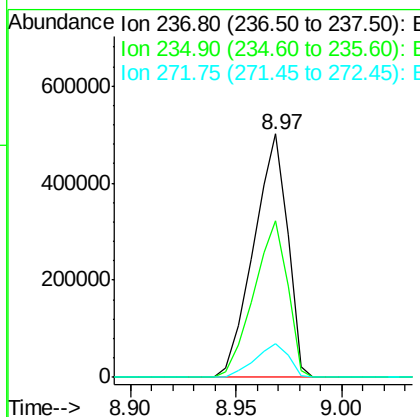
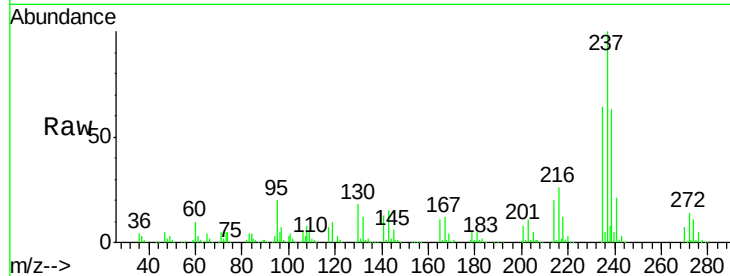
#41
Hexachlorocyclopentadiene
Concen: 88.216 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	41.6	81.6
272	13.7	0.0	33.7

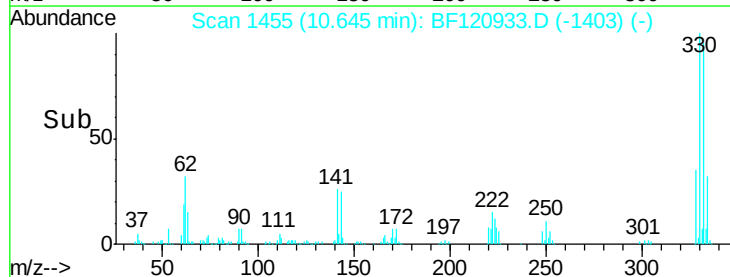
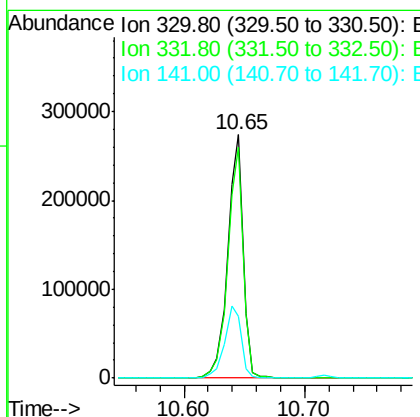
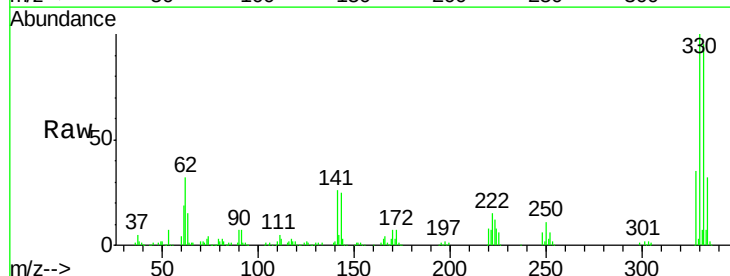
Manual Integrations
APPROVED

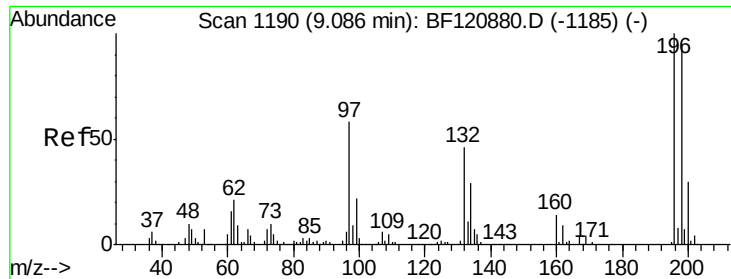
mohammad
7/21/2020 11:32:36 AM



#42
2,4,6-Tribromophenol
Concen: 56.336 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.1	75.5	113.3
141	31.8	25.7	38.5





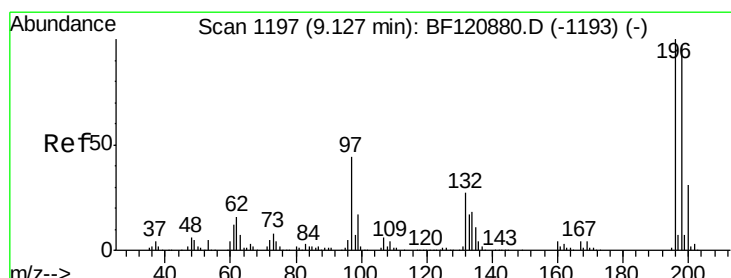
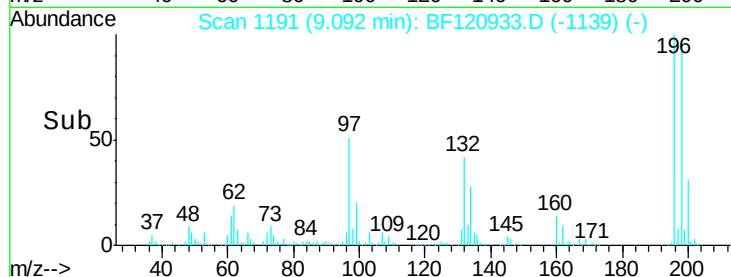
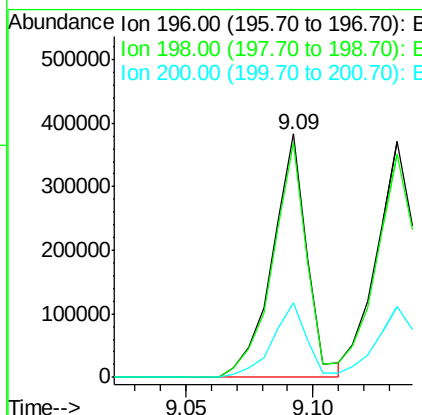
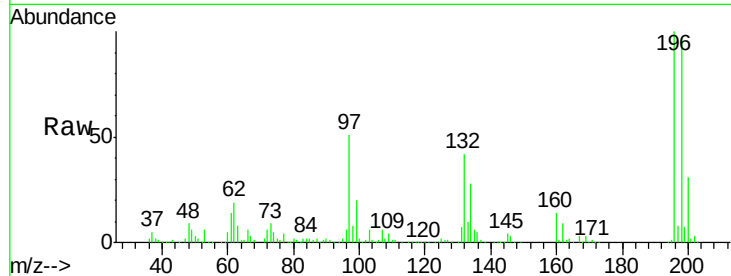
#43
 2,4,6-Trichlorophenol
 Concen: 45.232 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	365273		
198	96.6	75.7	113.5	
200	30.9	24.4	36.6	

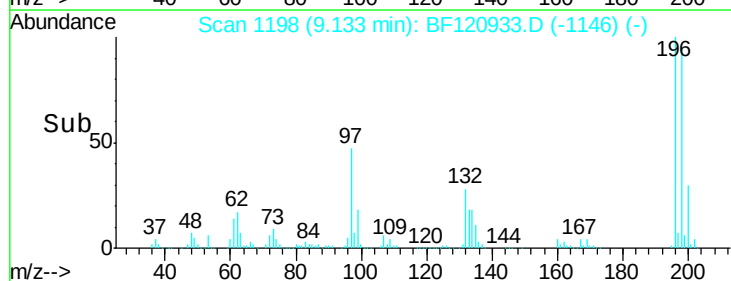
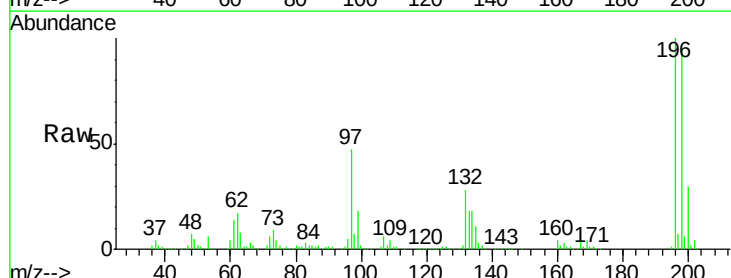
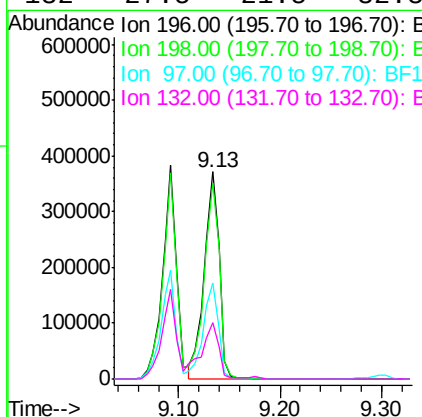
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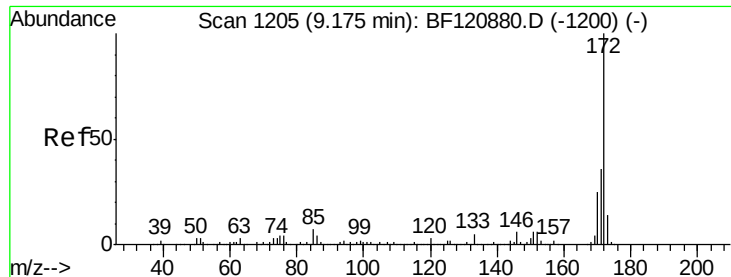
mohammad
 7/21/2020 11:32:36 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.478 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	379951		
198	94.7	77.6	116.4	
97	46.7	35.6	53.4	
132	27.5	21.5	32.3	





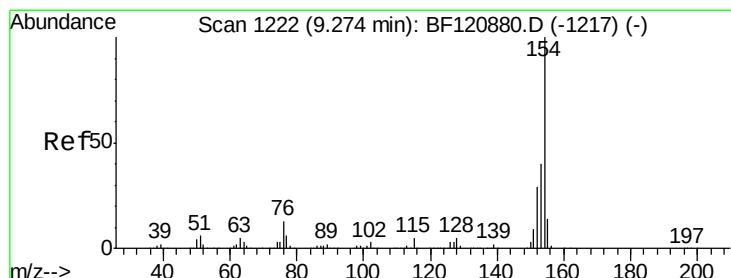
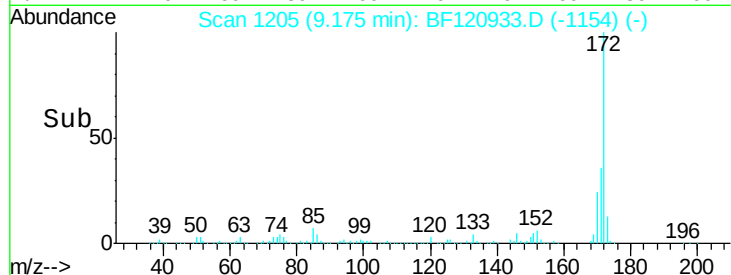
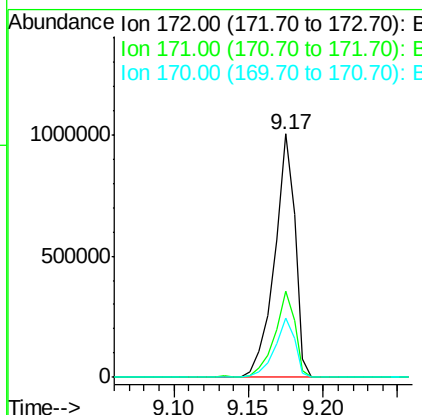
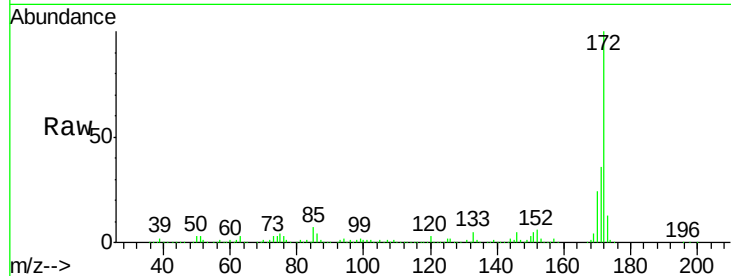
#45
2-Fluorobiphenyl
Concen: 36.248 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.4	19.6	29.4

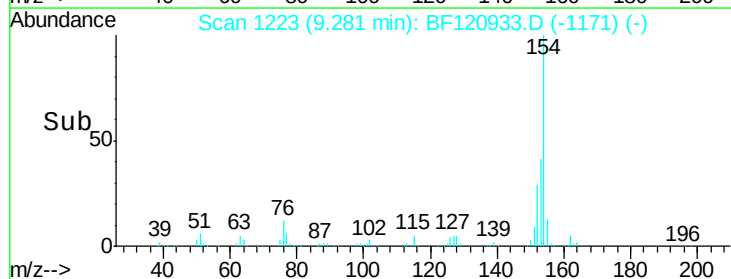
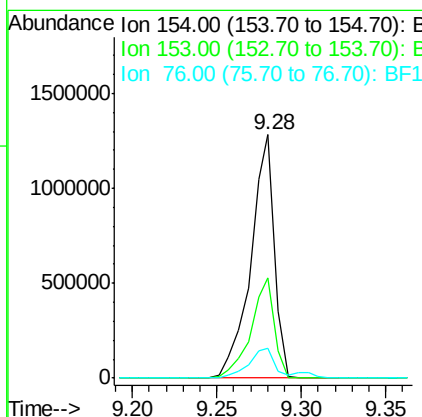
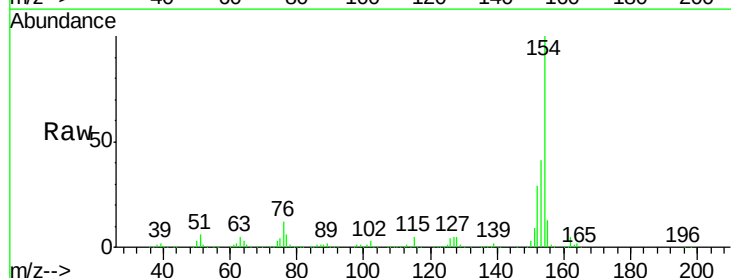
Manual Integrations
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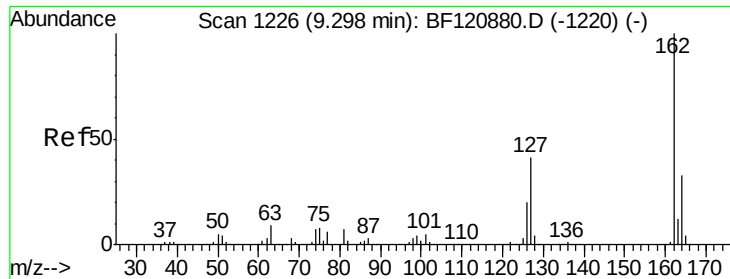
mohammad
7/21/2020 11:32:36 AM



#46
1,1'-Biphenyl
Concen: 41.760 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.2	0.0	33.1





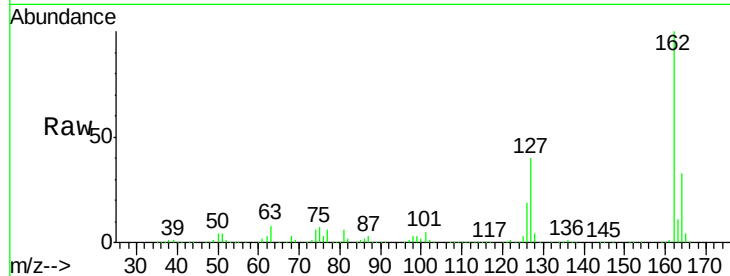
#47
 2-Chloronaphthalene
 Concen: 41.257 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

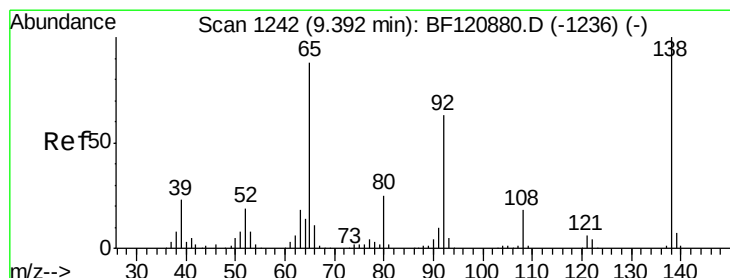
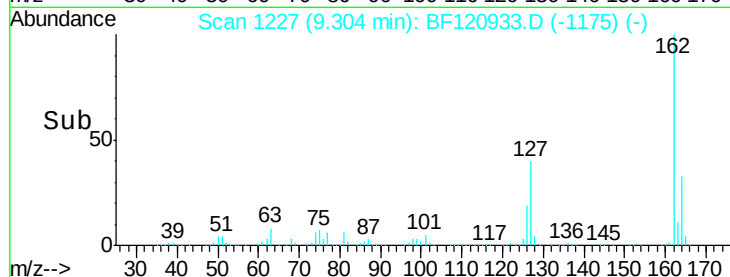
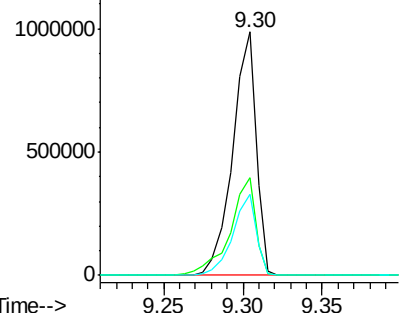
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.3	49.9
164	33.4	26.6	39.8

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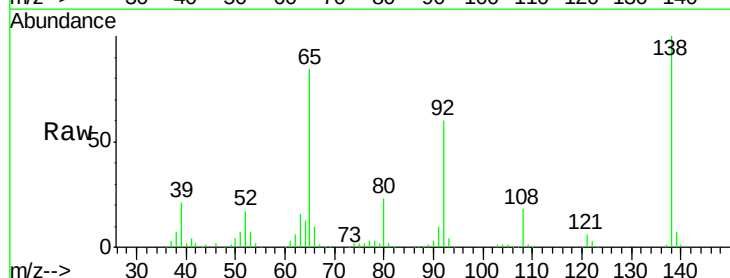


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

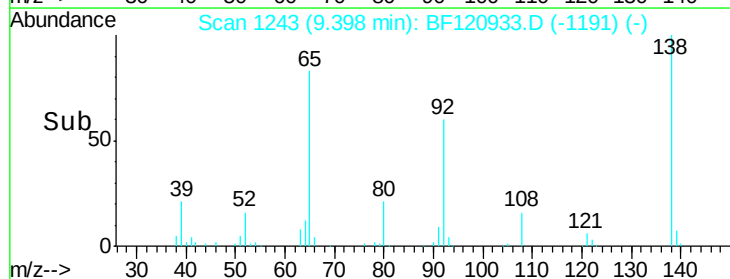
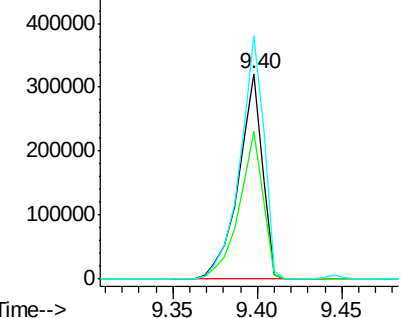


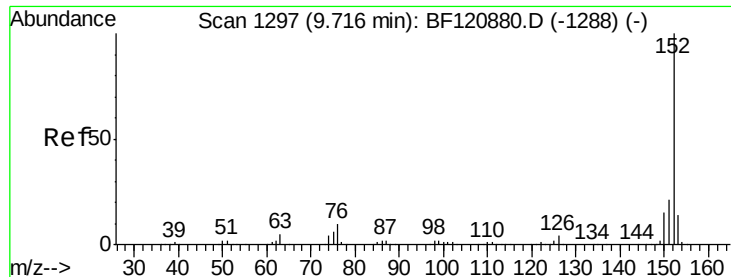
#48
 2-Nitroaniline
 Concen: 43.339 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	57.0	85.4
138	118.6	90.4	135.6



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





#49

Acenaphthylene

Concen: 41.914 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:152 Resp: 1594124

Ion Ratio Lower Upper

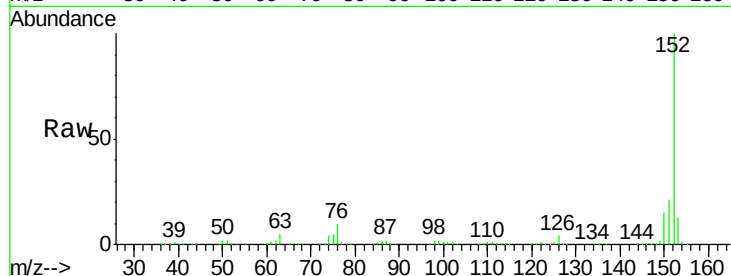
152 100

151 20.8 16.6 25.0

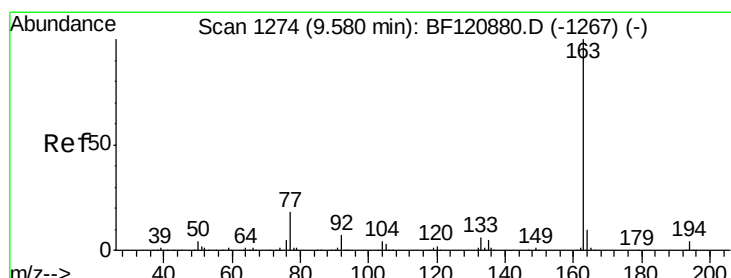
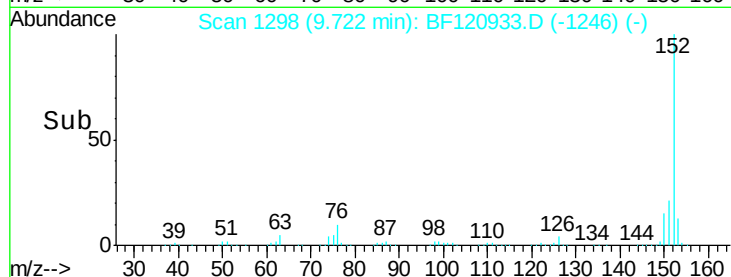
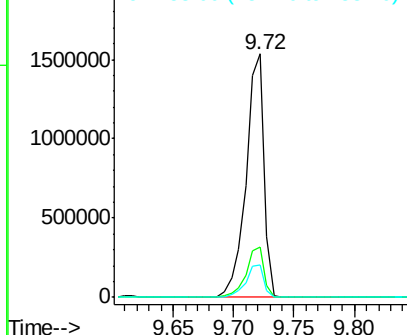
153 13.3 10.9 16.3

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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: 46.950 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

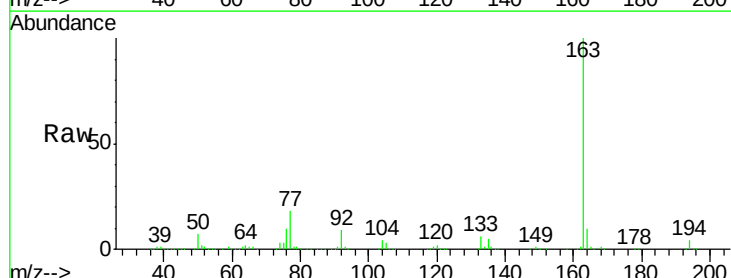
Tgt Ion:163 Resp: 1333372

Ion Ratio Lower Upper

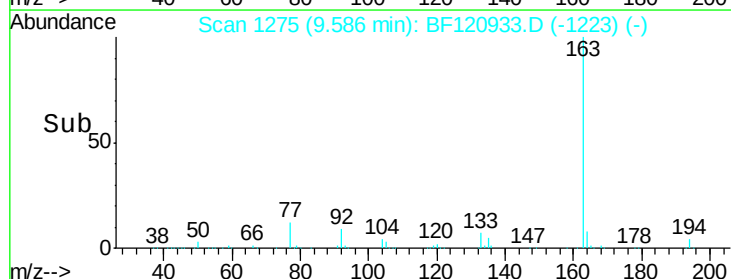
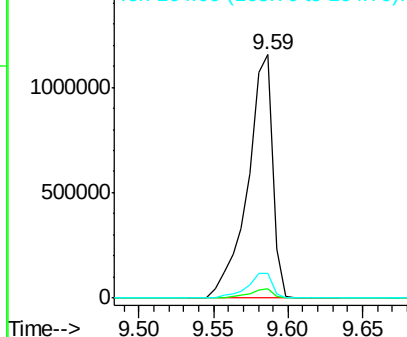
163 100

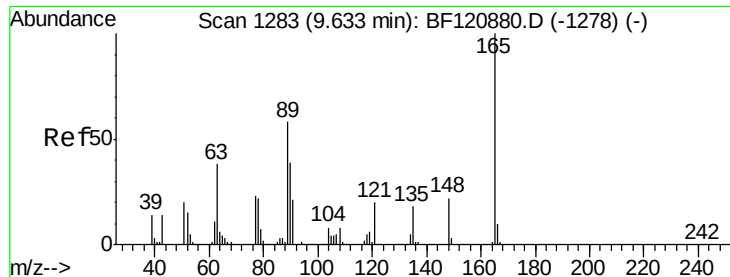
194 4.0 3.2 4.8

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





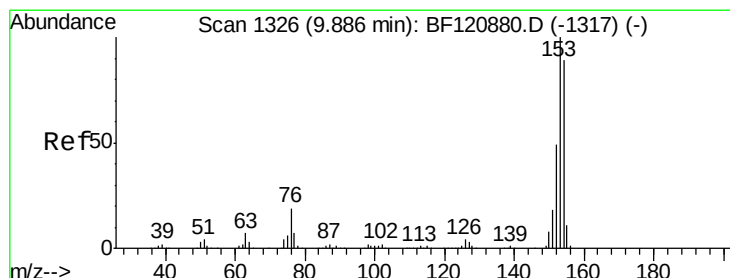
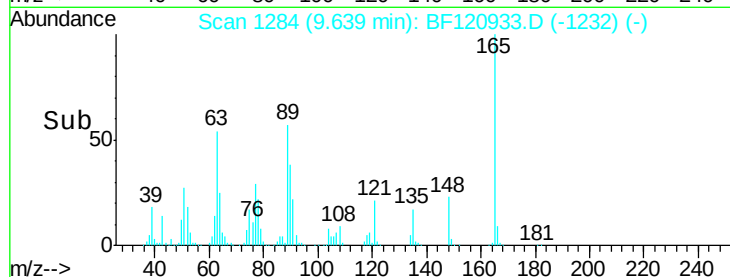
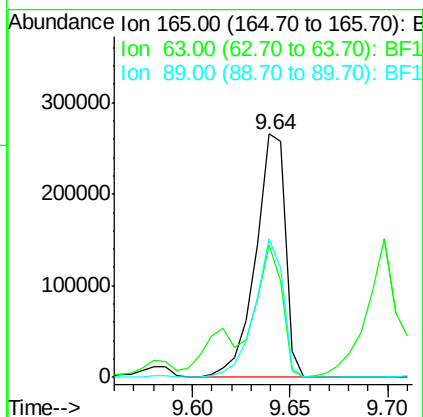
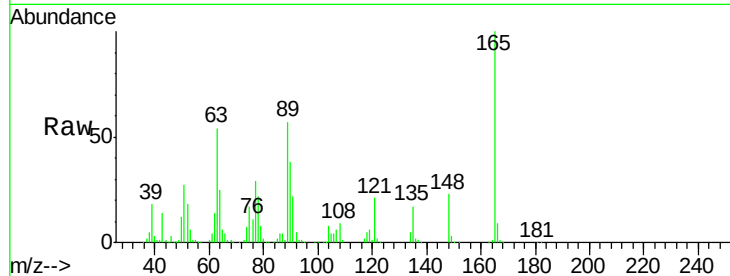
#51
2,6-Dinitrotoluene
Concen: 45.943 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280319		
63	54.4		45.4	68.2
89	57.1		47.0	70.4

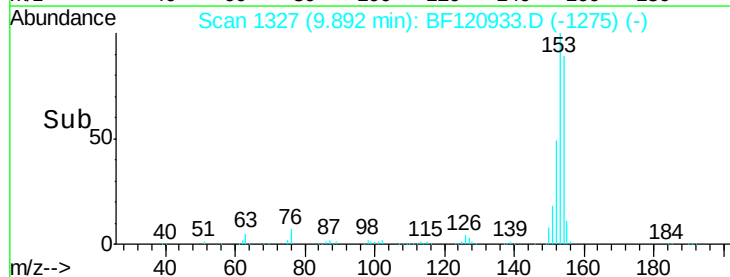
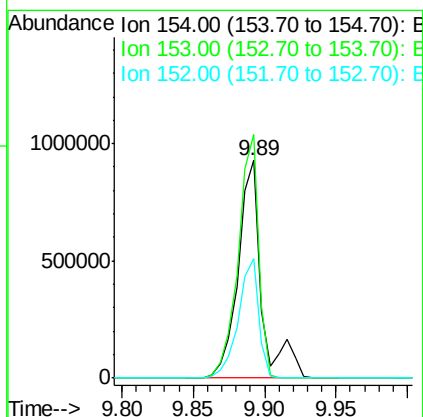
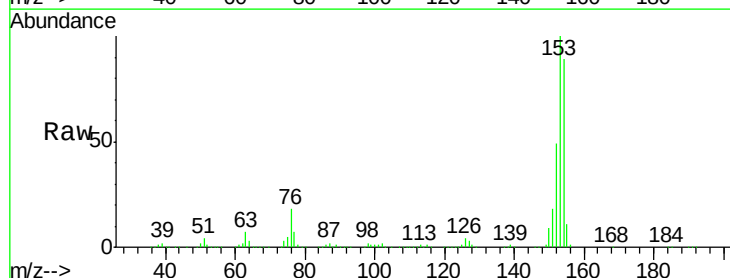
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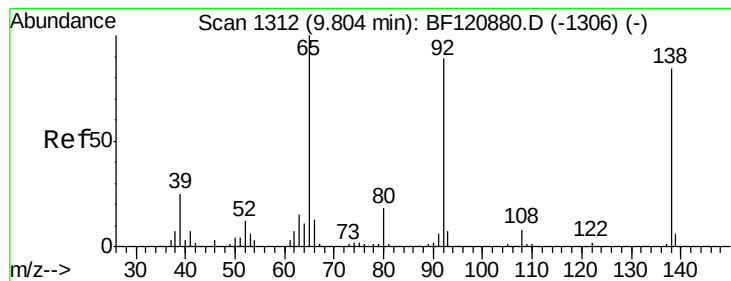
mohammad
7/21/2020 11:32:36 AM



#52
Acenaphthene
Concen: 44.857 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1084676		
153	111.8		89.5	134.3
152	55.0		44.2	66.2





#53

3-Nitroaniline

Concen: 25.360 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

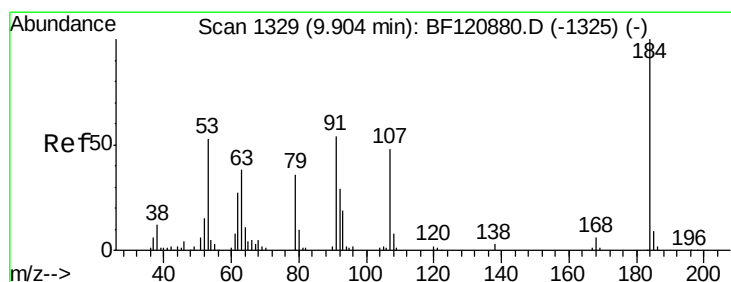
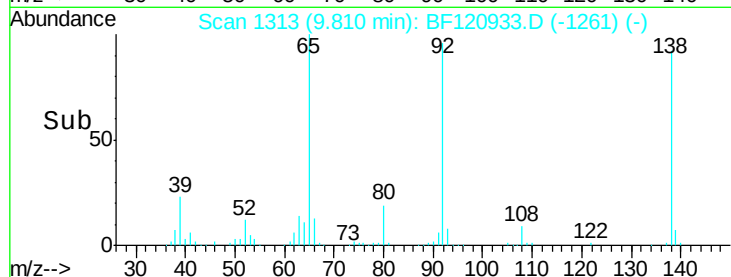
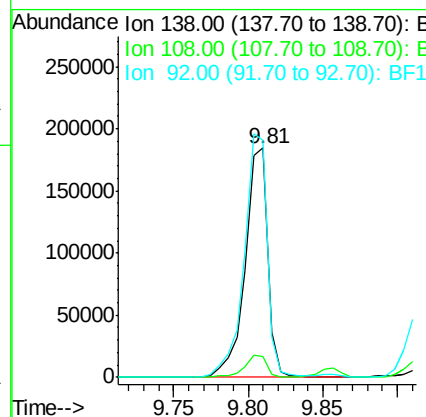
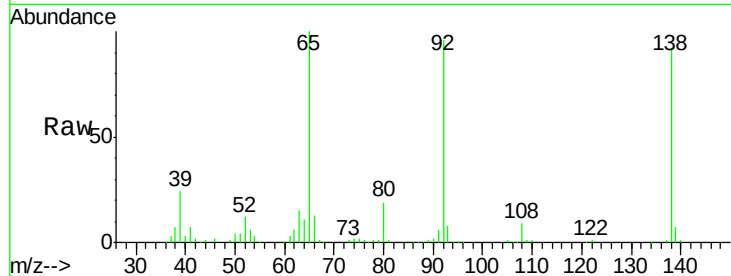
ClientSampleId :

TP-15-SMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	103.8	85.3	127.9

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#54

2,4-Dinitrophenol

Concen: 75.062 ng

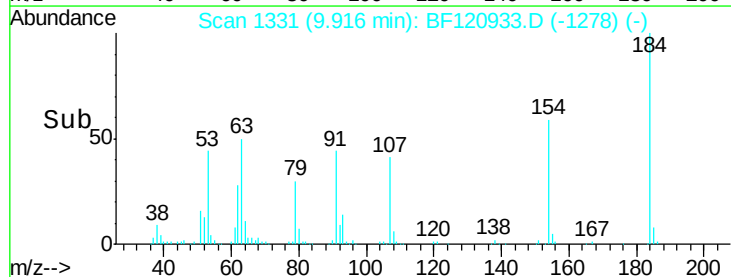
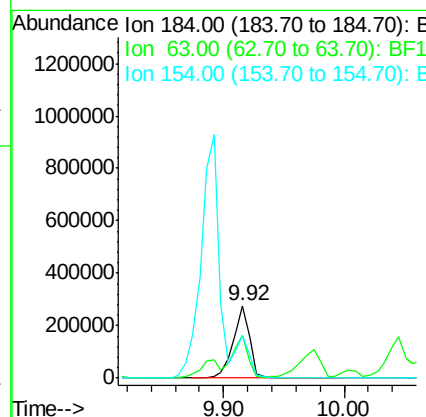
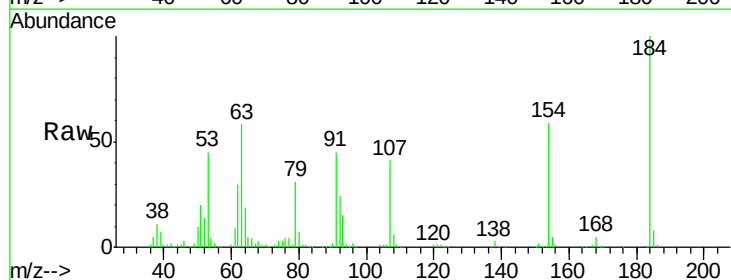
RT: 9.92 min Scan# 1331

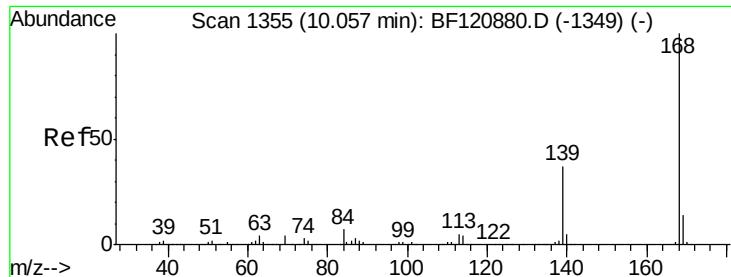
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	57.9	86.9
154	59.2	52.6	78.8





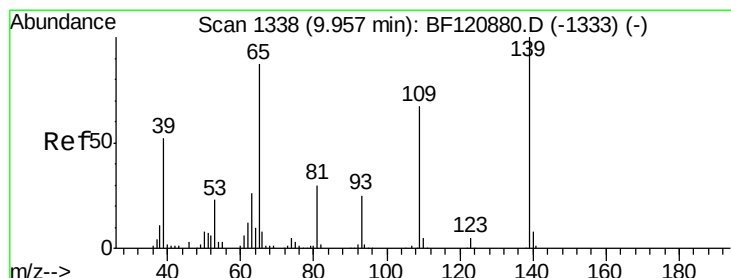
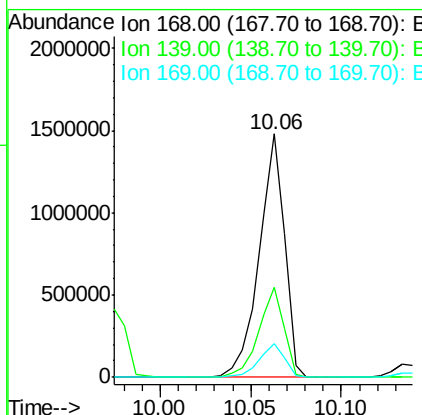
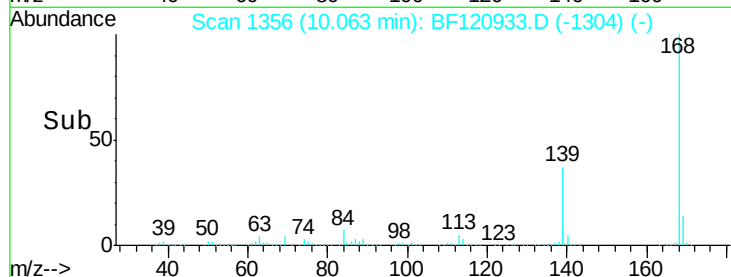
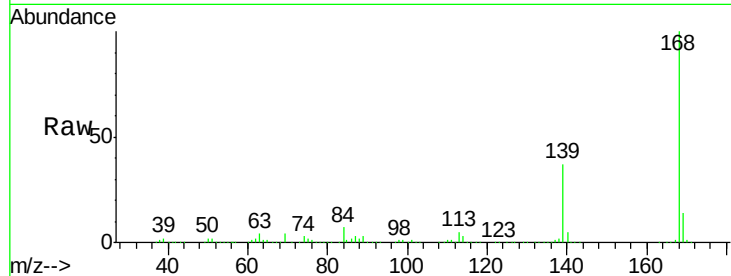
#55
Dibenzenofuran
Concen: 41.138 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.7	44.5
169	13.9	11.1	16.7

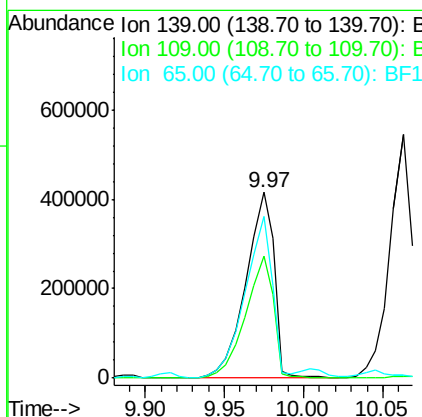
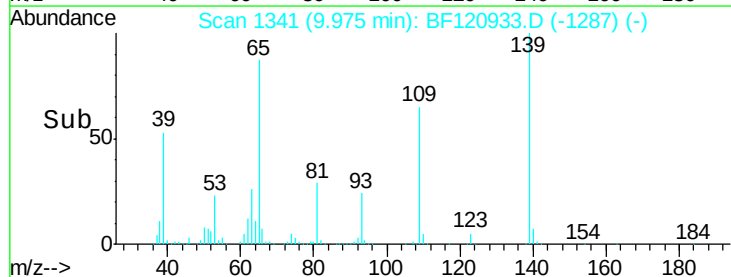
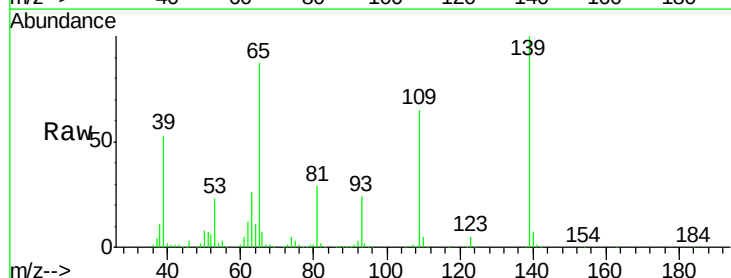
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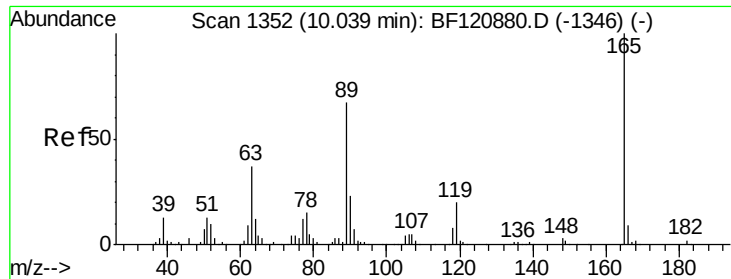
mohammad
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#56
4-Nitrophenol
Concen: 88.590 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.3	87.3
65	87.2	67.2	107.2





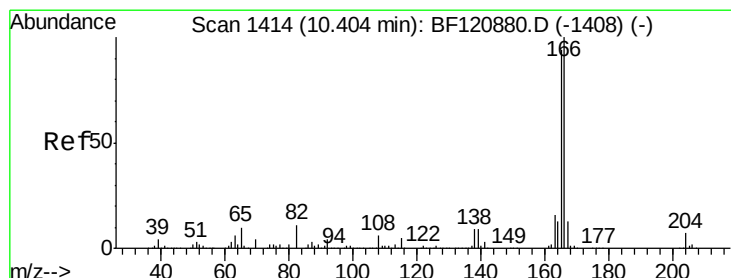
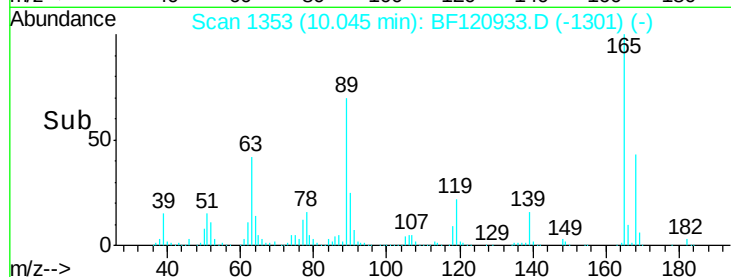
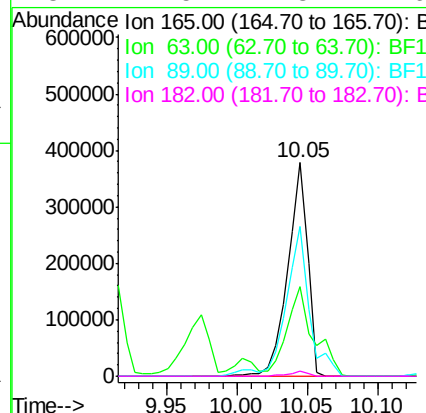
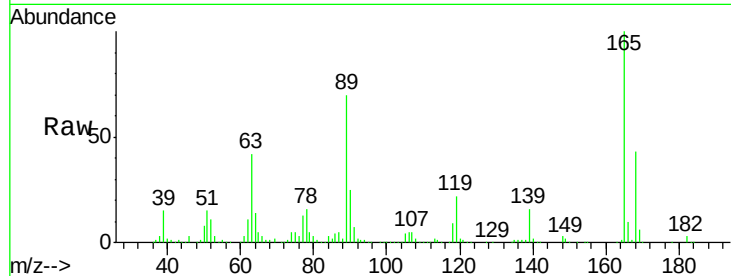
#57
2,4-Dinitrotoluene
Concen: 46.508 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	372645		
63	42.2	29.4	44.2	
89	70.4	53.4	80.0	
182	2.5	1.8	2.6	

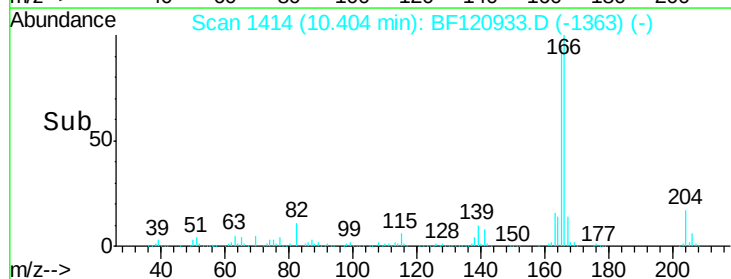
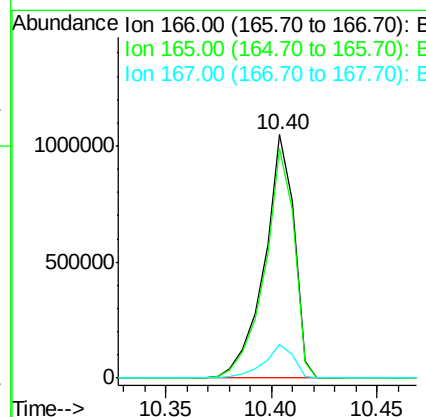
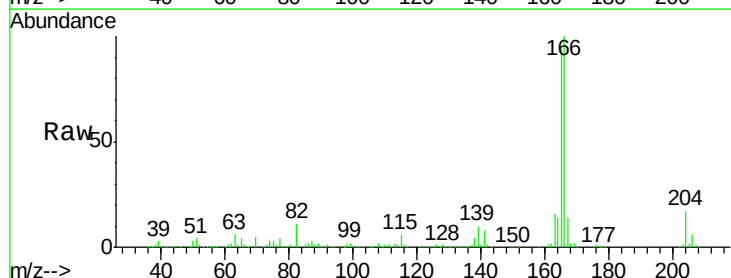
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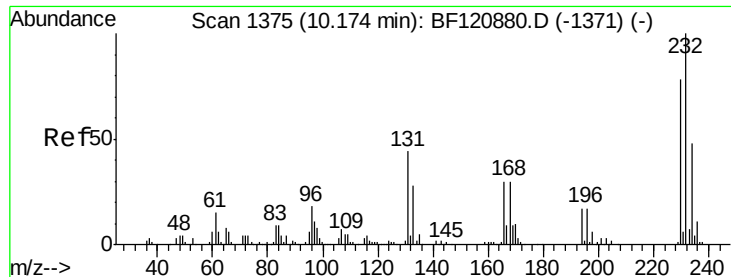
mohammad
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#58
Fluorene
Concen: 39.291 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1024680		
165	94.2	75.4	113.0	
167	13.7	10.6	15.8	





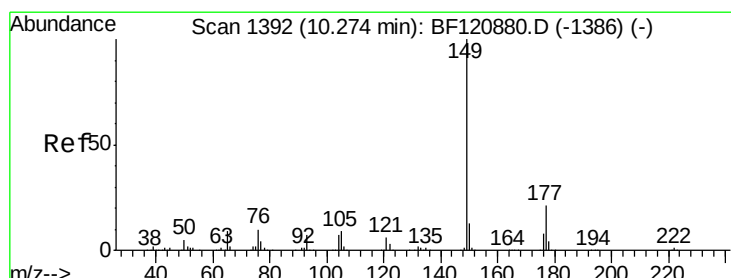
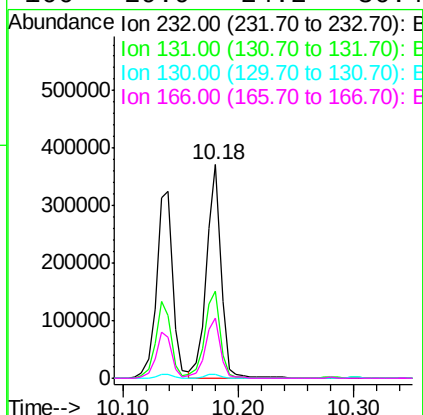
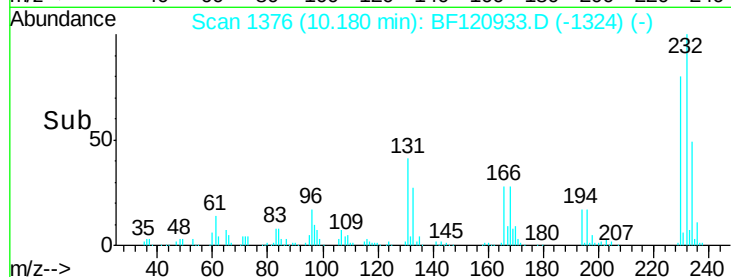
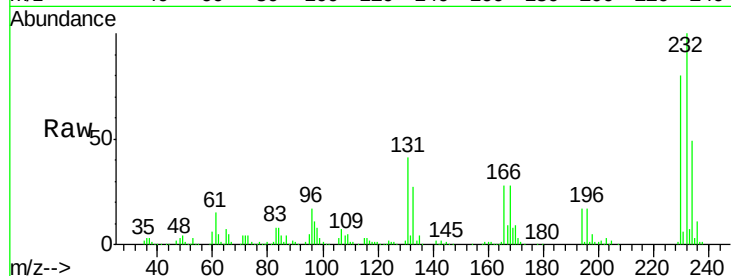
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.478 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampled :
TP-15-SMS

Tot Ion:	232	Resp:	324158
Ion Ratio	Lower	Upper	
232	100		
131	44.6	37.1	55.7
130	2.2	1.7	2.5
166	29.9	24.2	36.4

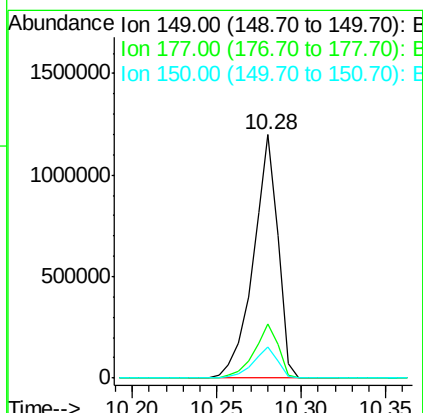
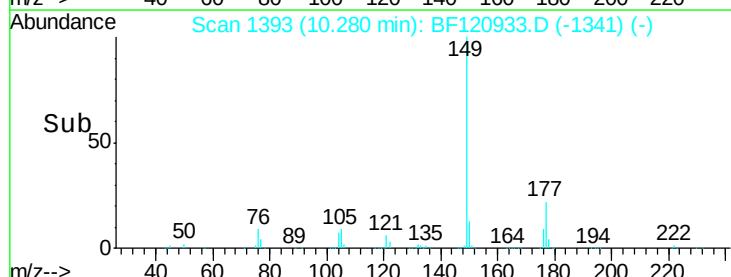
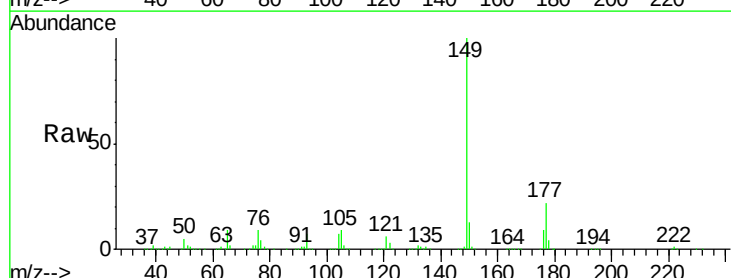
Manual Integrations
APPROVED

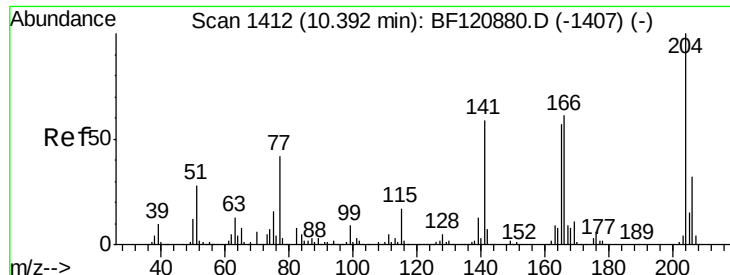
mohammad
7/21/2020 11:32:36 AM



#60
Diethylphthalate
Concen: 42.255 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:	149	Resp:	1213809
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.1	25.7
150	12.9	10.3	15.5





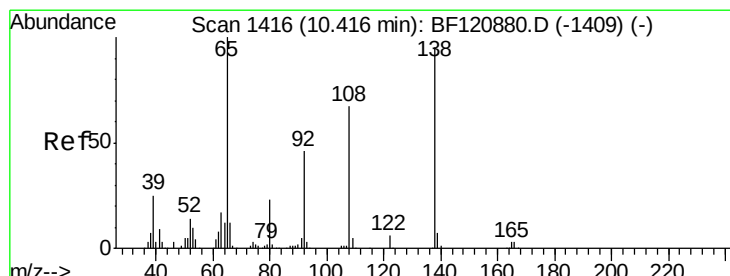
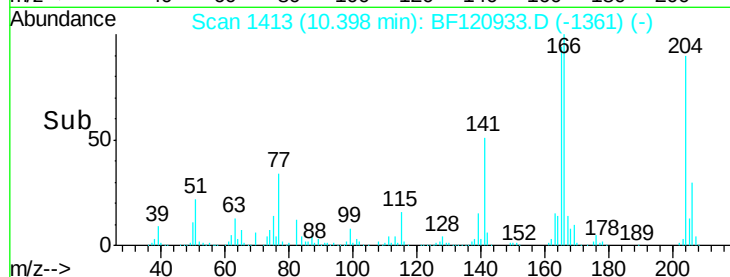
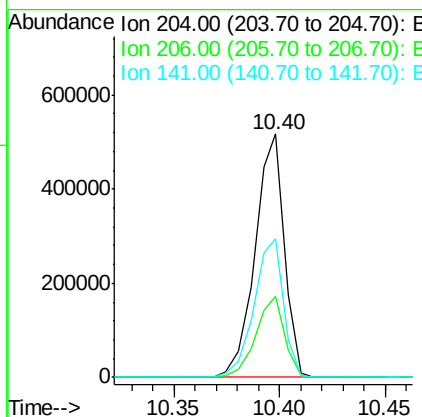
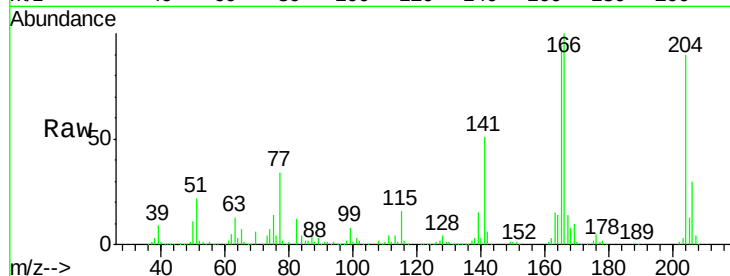
#61
 4-Chlorophenyl-phenylether
 Concen: 35.713 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.9	38.9
141	56.8	47.2	70.8

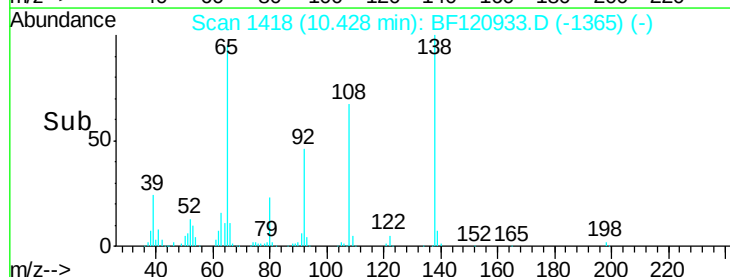
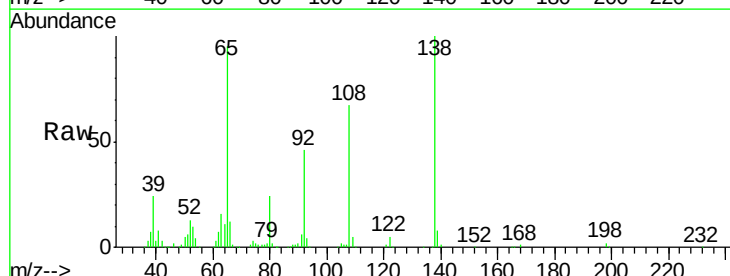
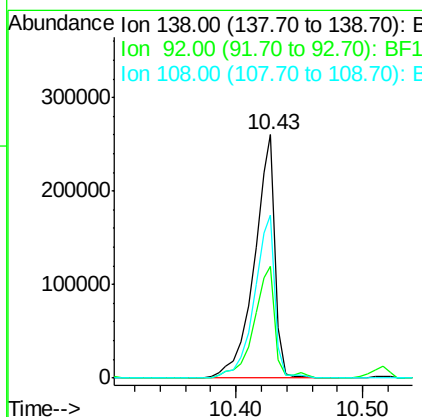
Manual Integrations
 APPROVED

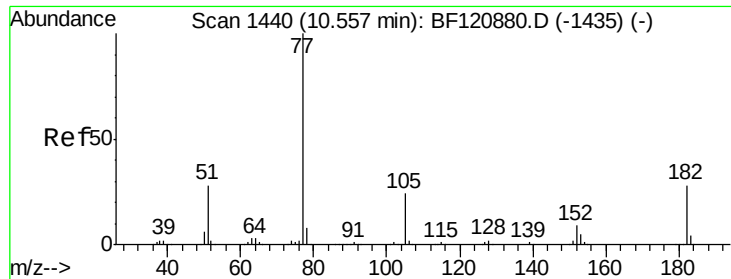
mohammad
 7/21/2020 11:32:36 AM



#62
 4-Nitroaniline
 Concen: 39.819 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	28.6	68.6
108	66.8	51.1	91.1





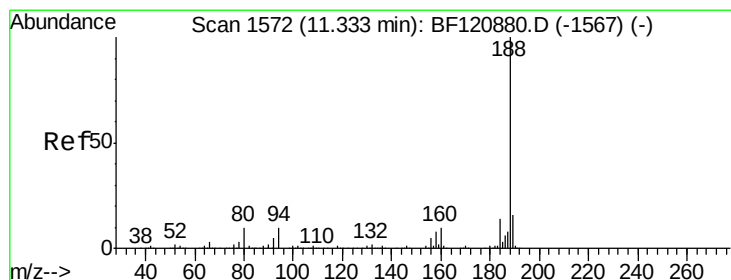
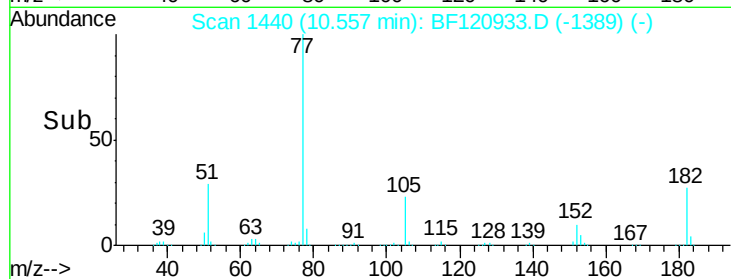
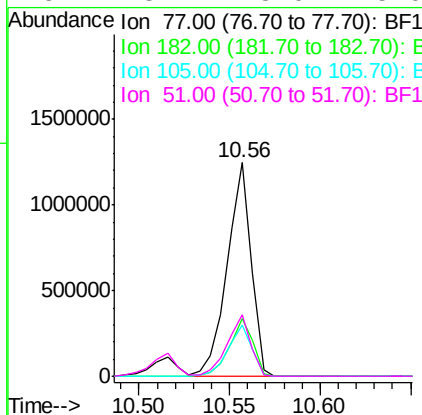
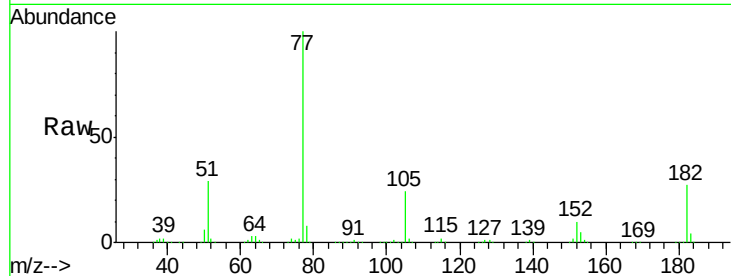
#63
Azobenzene
Concen: 42.167 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	7.8	47.8	
105	23.8	4.4	44.4	
51	28.7	8.0	48.0	

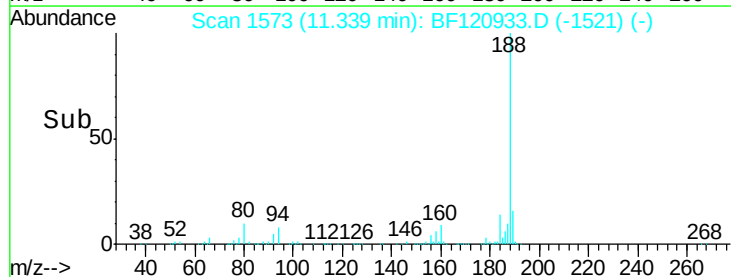
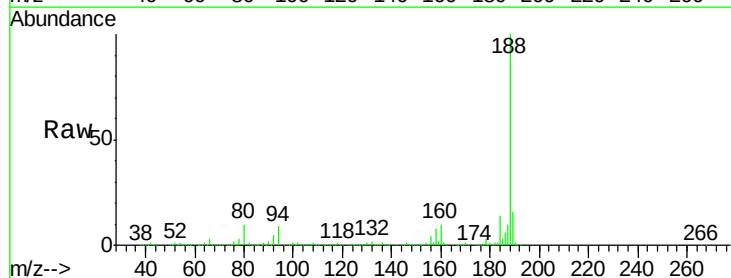
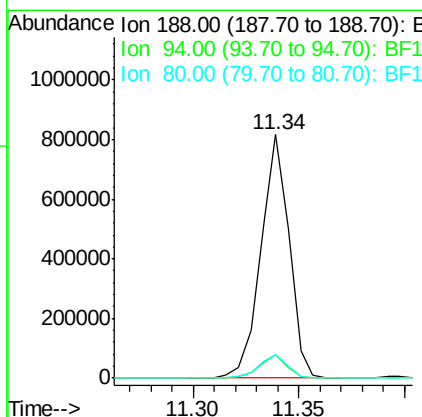
Manual Integrations
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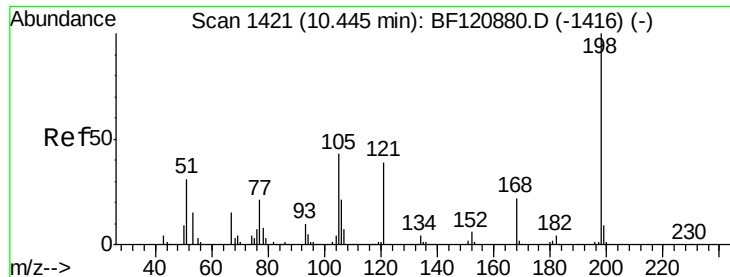
mohammad
7/21/2020 11:32:36 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.0	12.0	
80	9.9	8.3	12.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 44.255 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

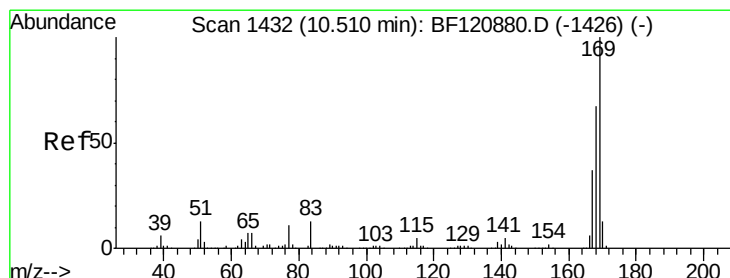
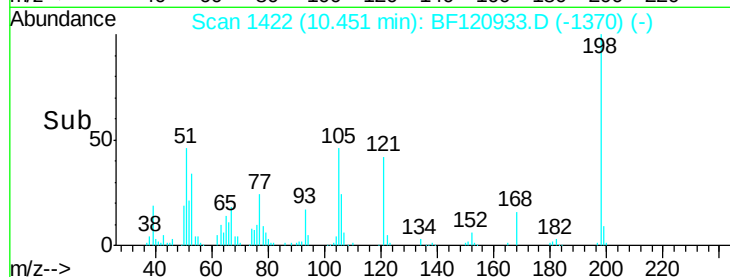
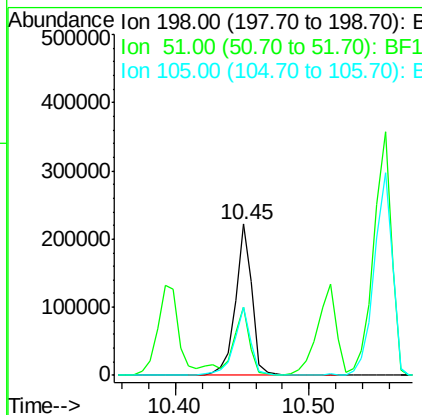
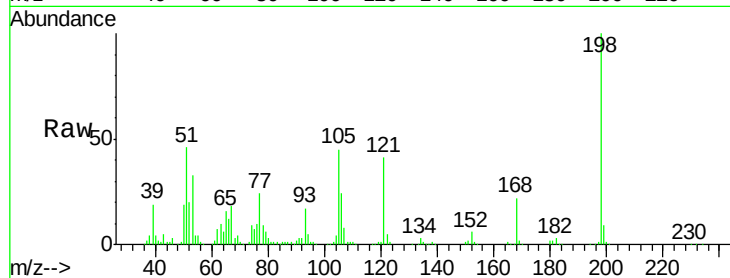
ClientSampled :

TP-15-SMS

Tot Ion:	198	Resp:	192821
Ion Ratio	Lower	Upper	
198	100		
51	45.6	19.5	59.5
105	45.0	24.4	64.4

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.020 ng

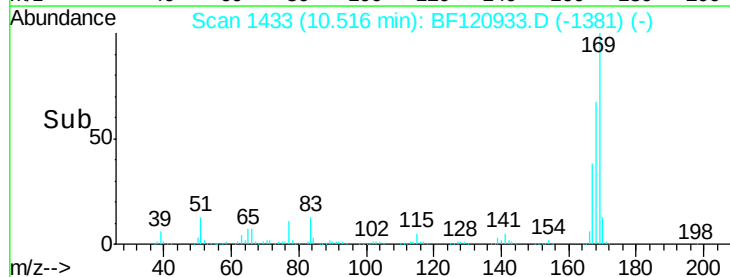
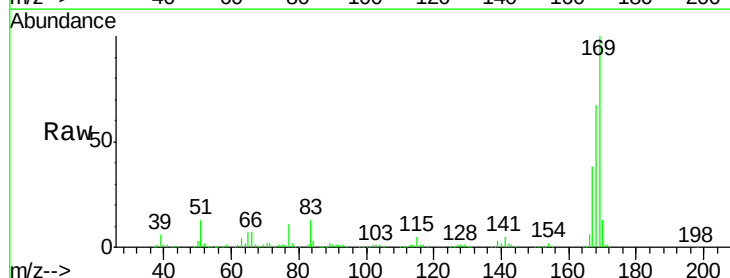
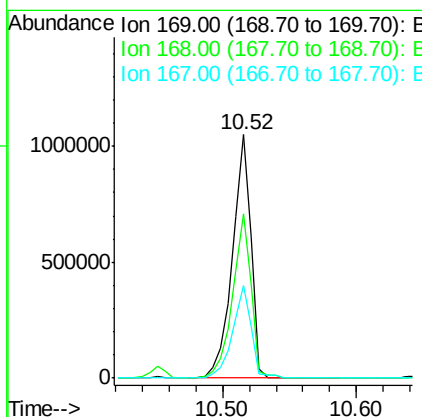
RT: 10.52 min Scan# 1433

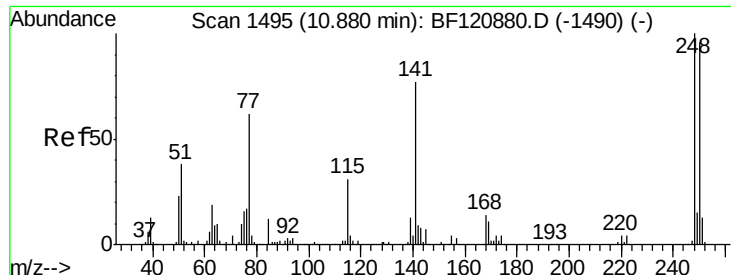
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:	169	Resp:	1026384
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.4	80.0
167	37.8	29.4	44.0





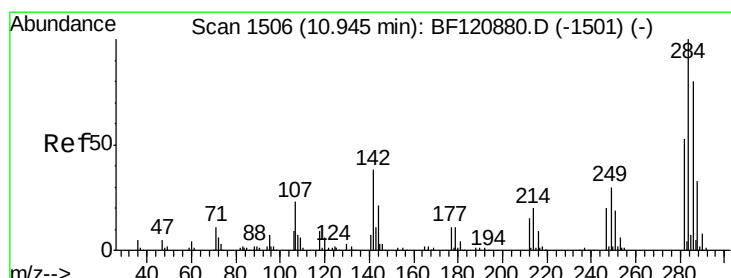
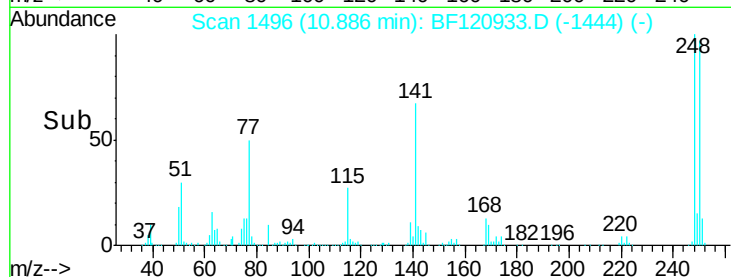
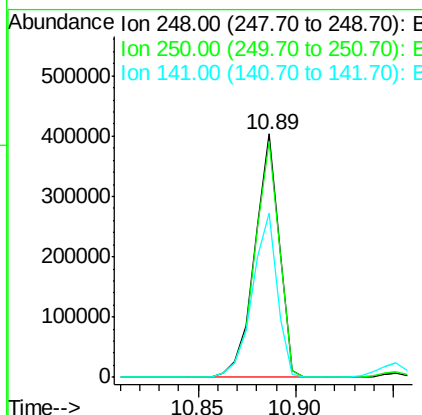
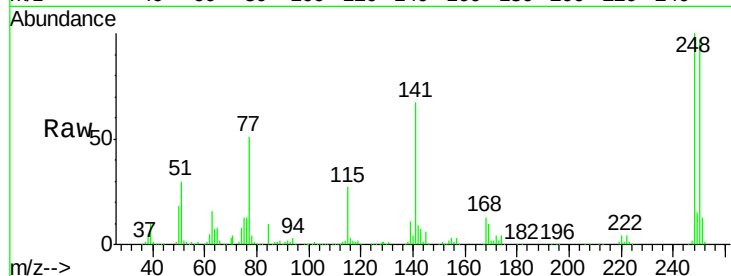
#67
 4-Bromophenyl-phenylether
 Concen: 41.351 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampled :
 TP-15-SMS

Tot Ion:	248	Resp:	349651
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.1	115.7
141	67.3	61.2	91.8

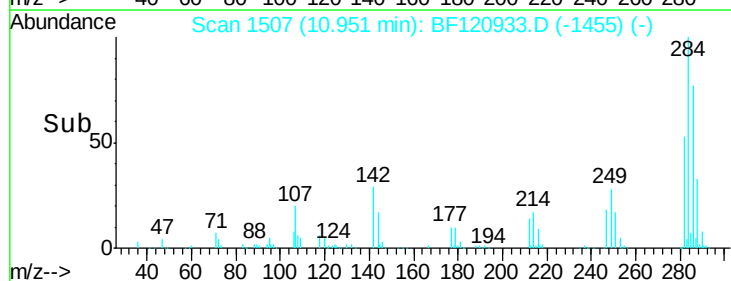
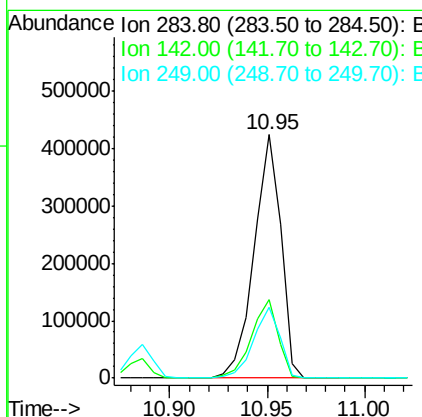
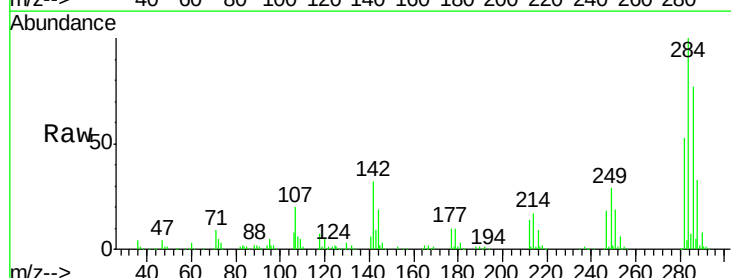
Manual Integrations
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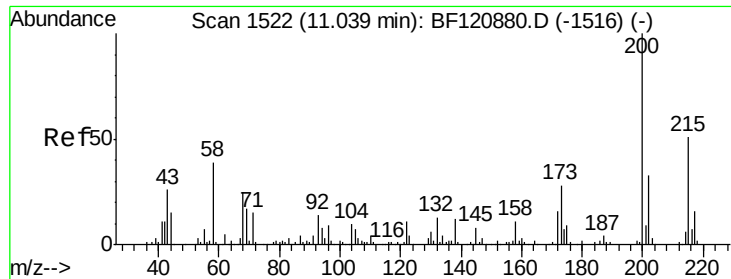
mohammad
 7/21/2020 11:32:36 AM



#68
 Hexachlorobenzene
 Concen: 44.018 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:	284	Resp:	402625
Ion Ratio	Lower	Upper	
284	100		
142	32.1	30.2	45.2
249	29.0	24.2	36.2





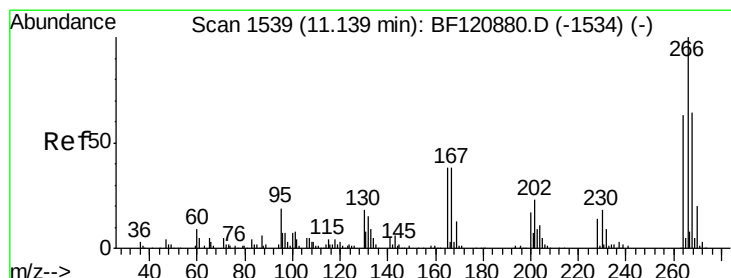
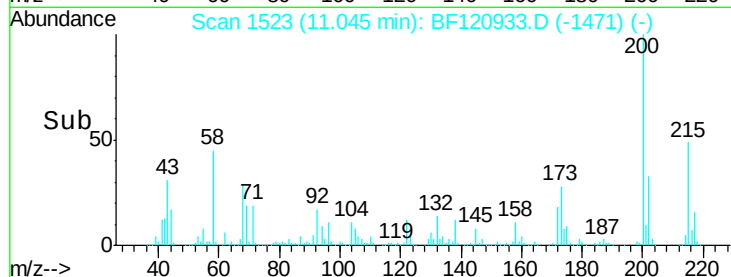
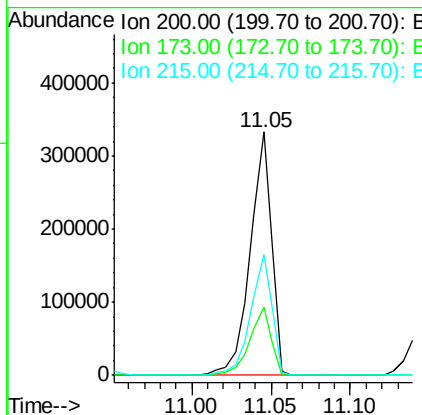
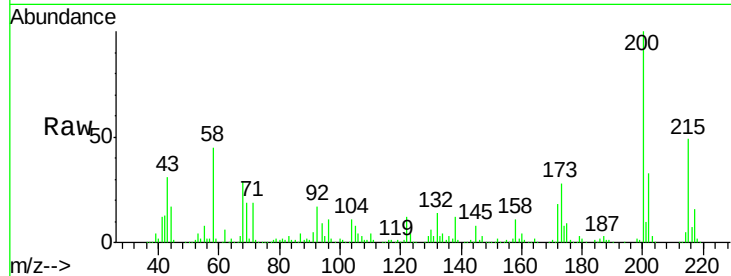
#69
Atrazine
Concen: 52.117 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	8.0	48.0
215	49.4	31.5	71.5

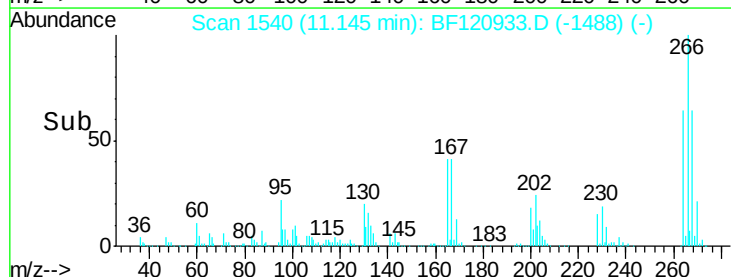
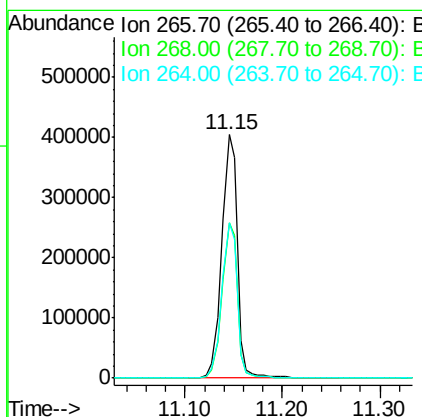
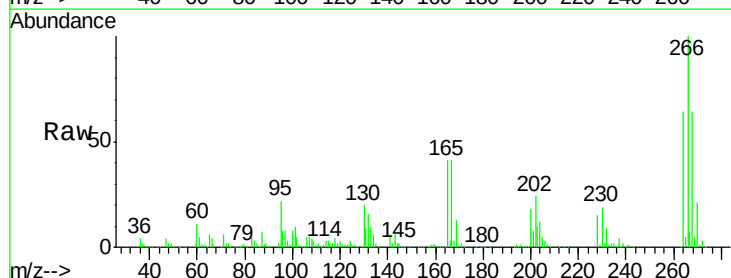
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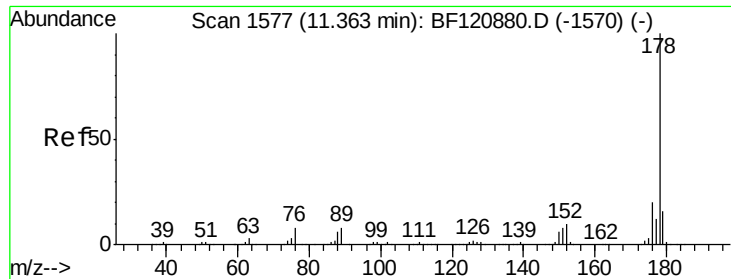
mohammad
7/21/2020 11:32:36 AM



#70
Pentachlorophenol
Concen: 86.308 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	51.1	76.7
264	63.6	50.2	75.2





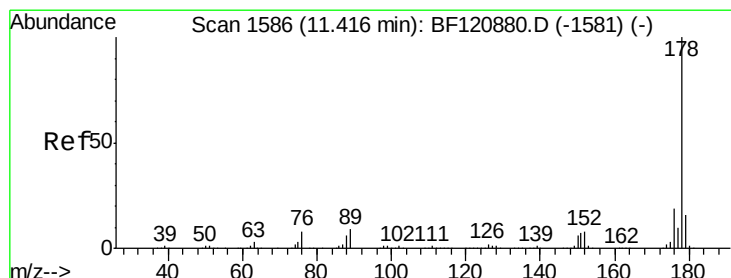
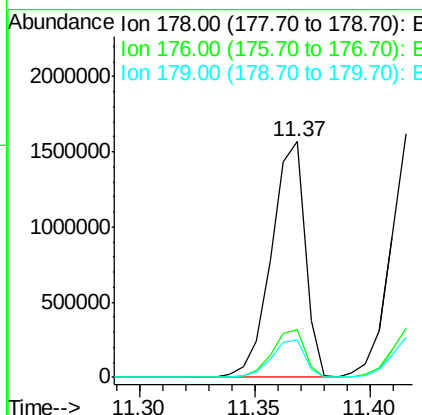
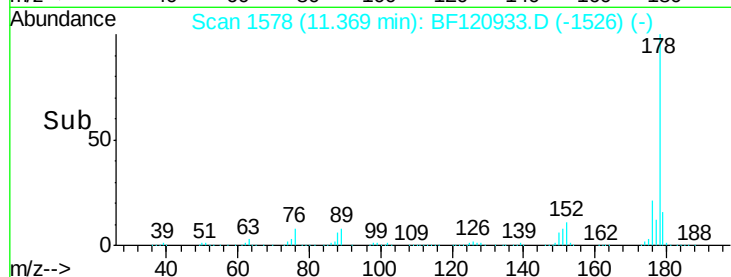
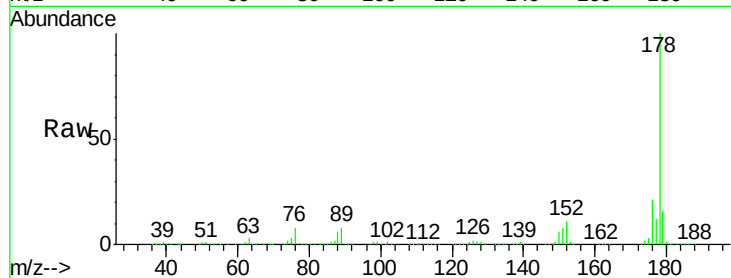
#71
Phenanthrene
Concen: 40.875 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion:178 Resp: 1594336
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.8 12.8 19.2

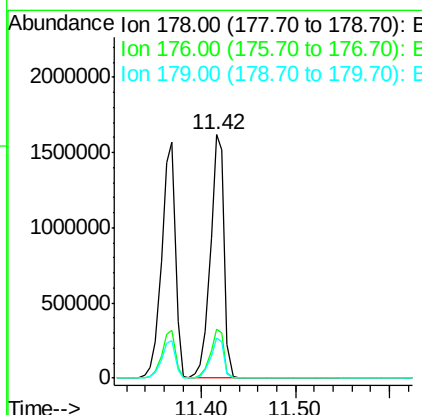
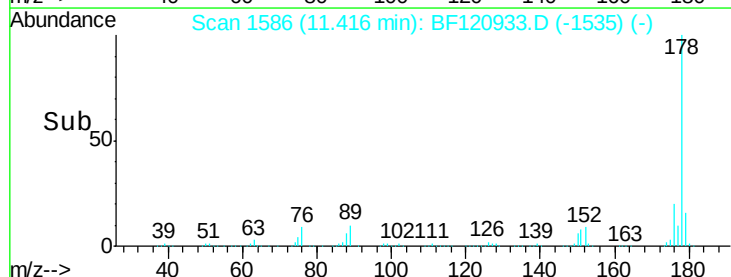
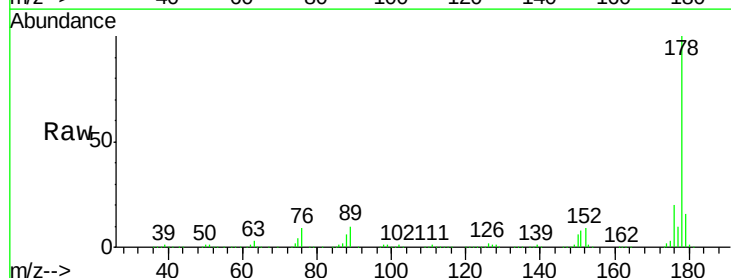
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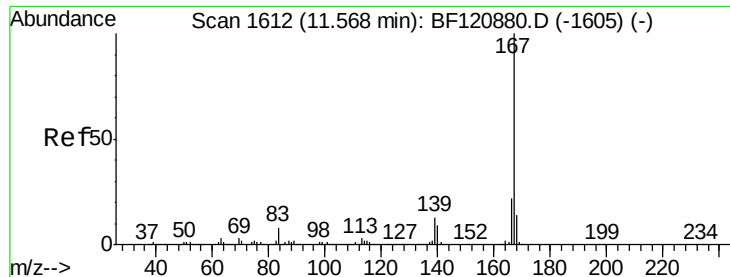
mohammad
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#72
Anthracene
Concen: 42.853 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion:178 Resp: 1678414
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.3 12.8 19.2





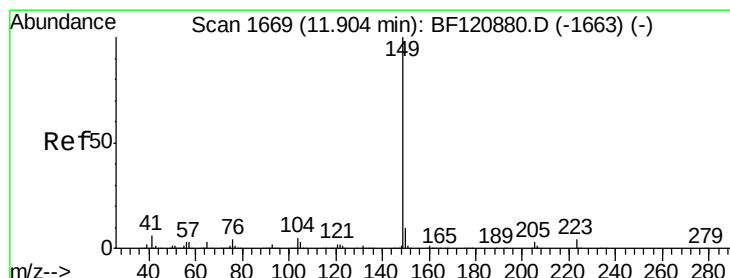
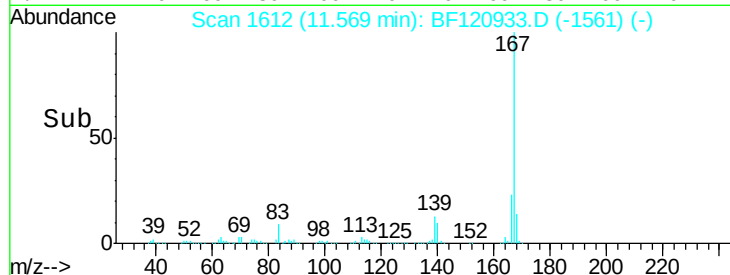
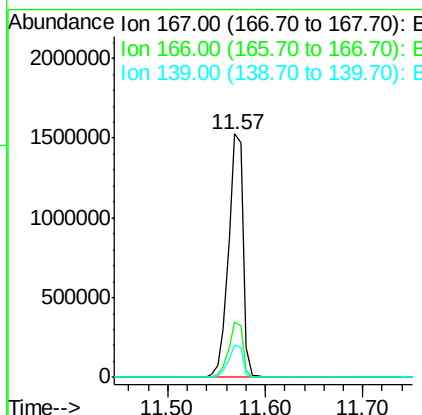
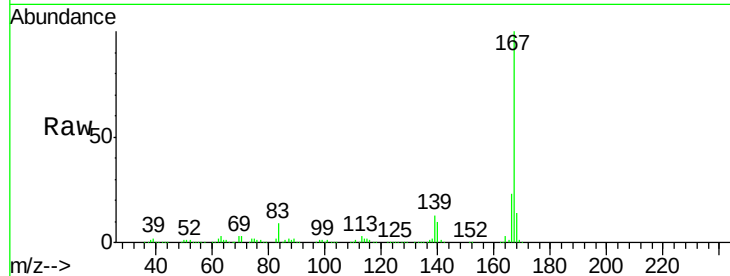
#73
 Carbazole
 Concen: 40.971 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	17.7	26.5	
139	13.2	10.1	15.1	

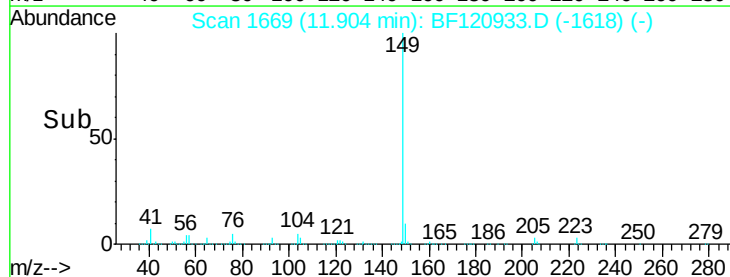
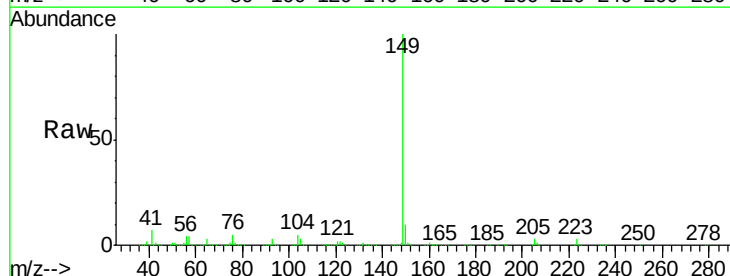
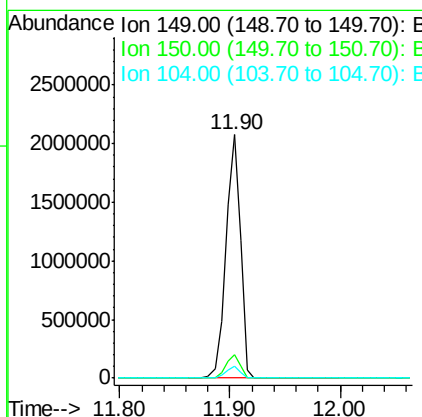
Manual Integrations
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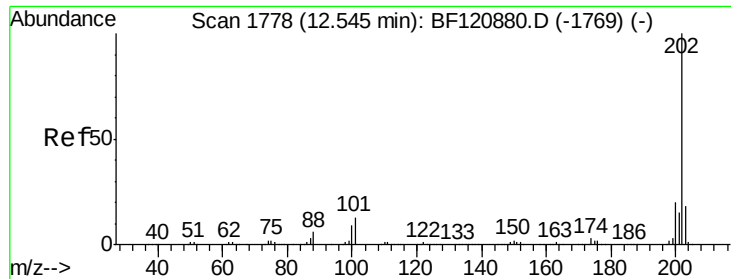
mohammad
 7/21/2020 11:32:36 AM



#74
 Di-n-butylphthalate
 Concen: 42.493 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.9	7.8	11.6	
104	5.1	3.8	5.6	





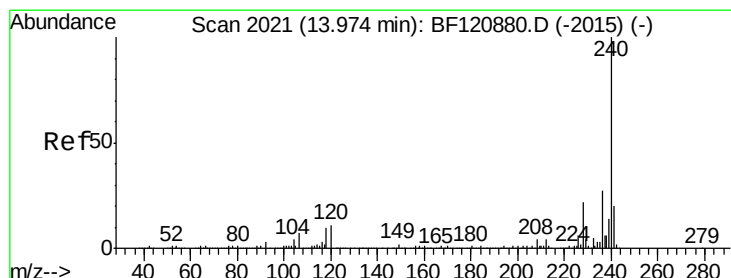
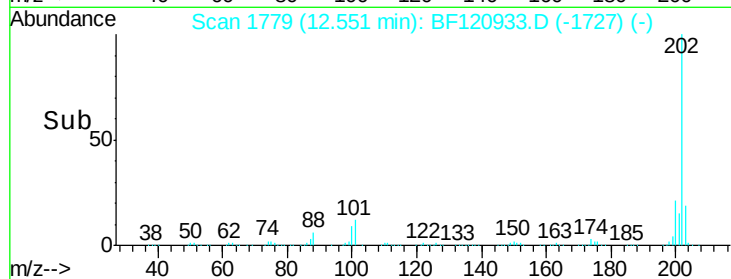
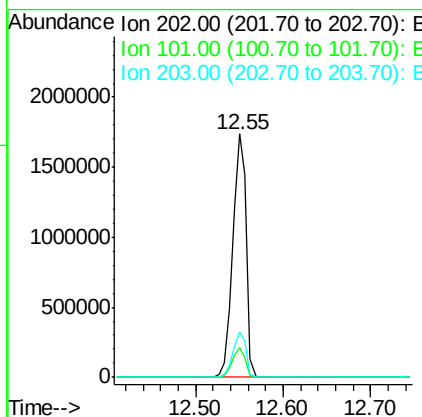
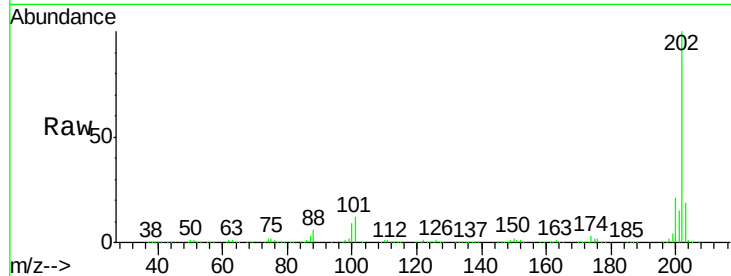
#75
Fluoranthene
Concen: 42.238 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1826123		
101	12.3	0.0	32.7	
203	18.7	0.0	38.0	

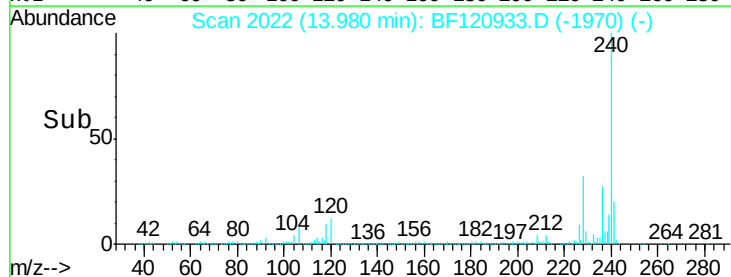
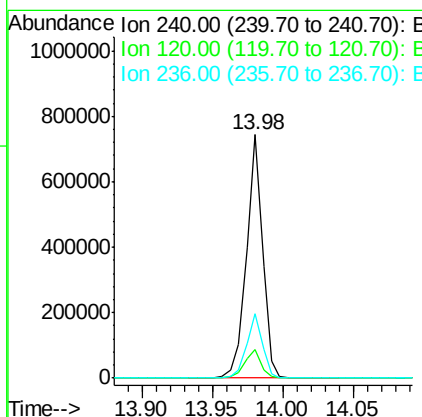
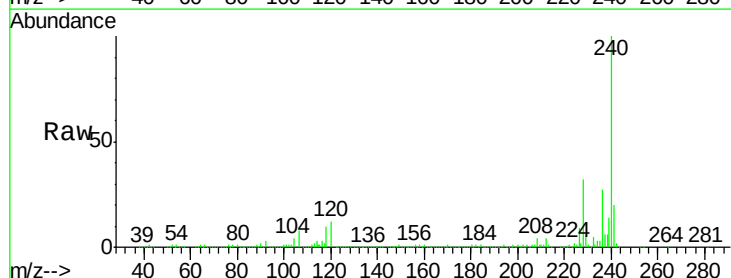
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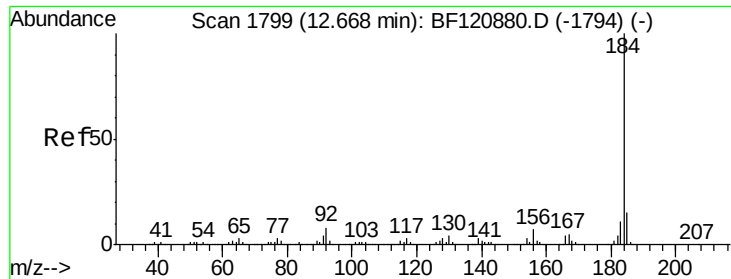
mohammad
7/21/2020 11:32:36 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	593791		
120	11.9	9.0	13.4	
236	26.6	21.7	32.5	





#77

Benzidine

Concen: 51.207 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

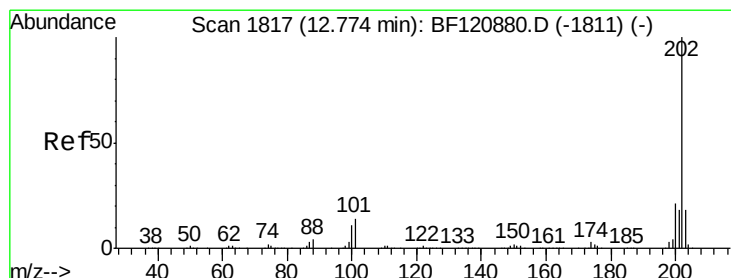
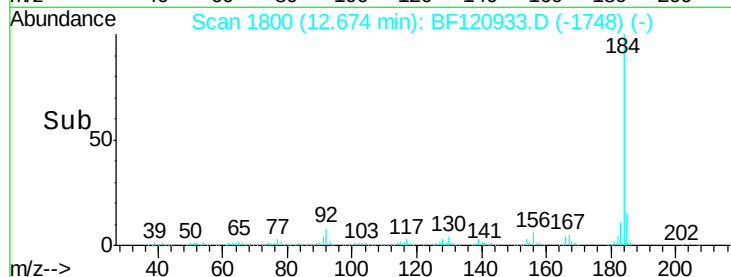
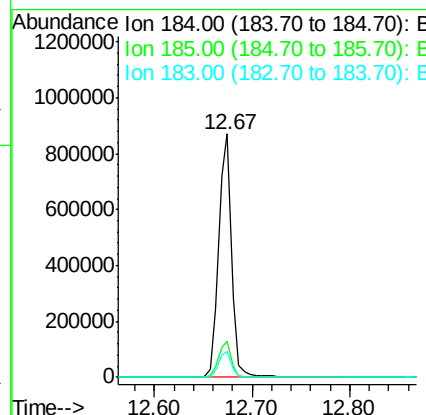
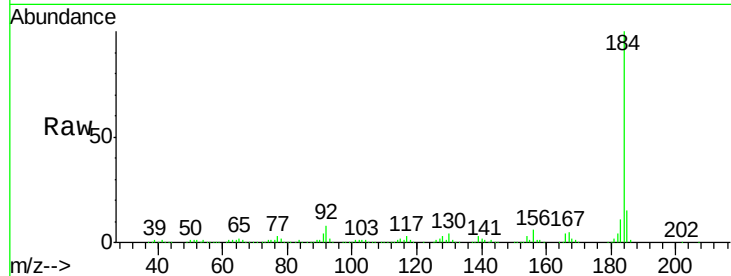
ClientSampleId :

TP-15-SMS

Tot Ion:	184	Resp:	799441
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	10.9	8.5	12.7

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#78

Pyrene

Concen: 44.215 ng

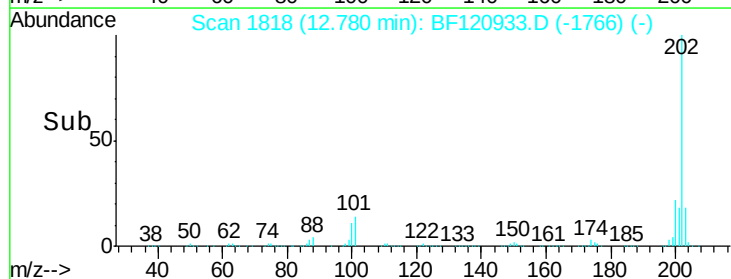
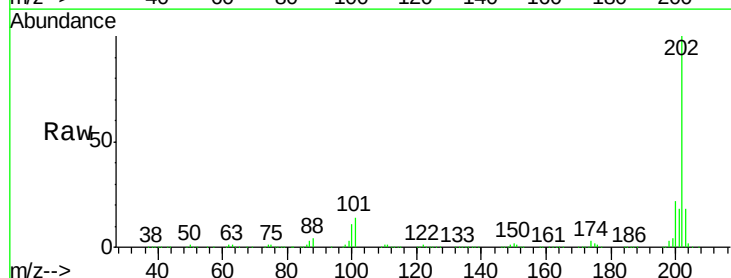
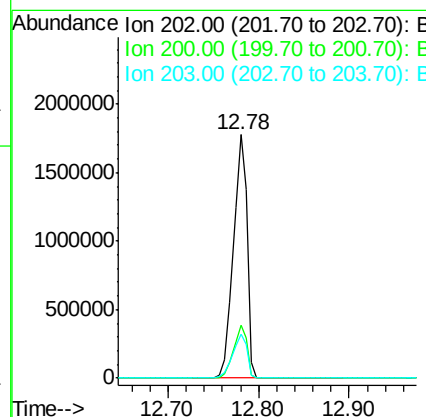
RT: 12.78 min Scan# 1818

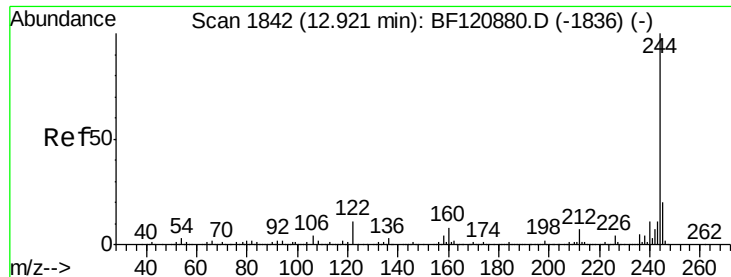
Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Tgt Ion:	202	Resp:	1856215
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	18.3	14.4	21.6





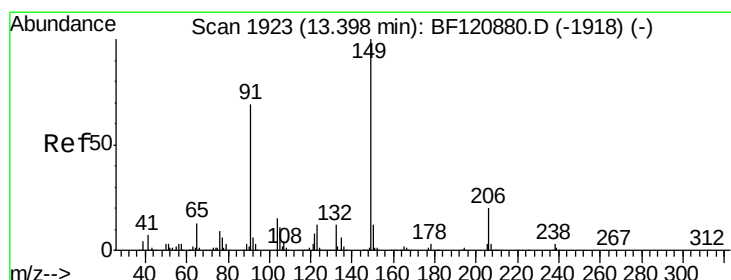
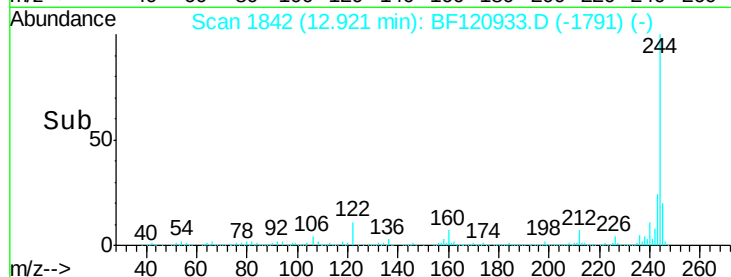
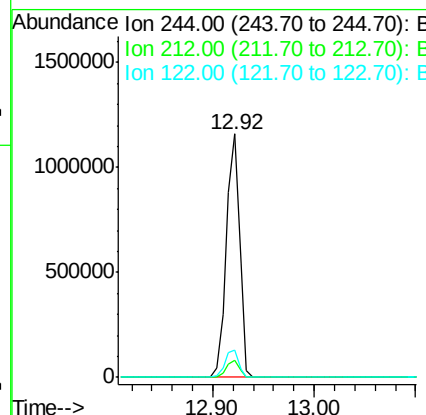
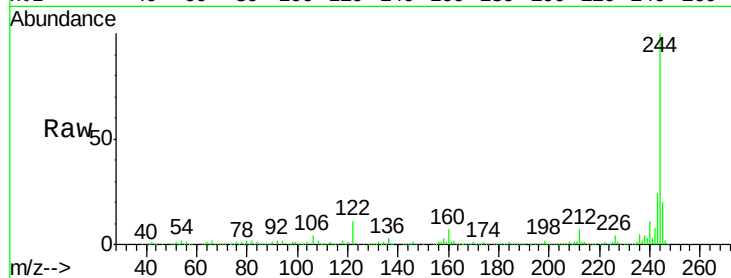
#79
 Terphenyl-d14
 Concen: 38.623 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.2	8.9	13.3

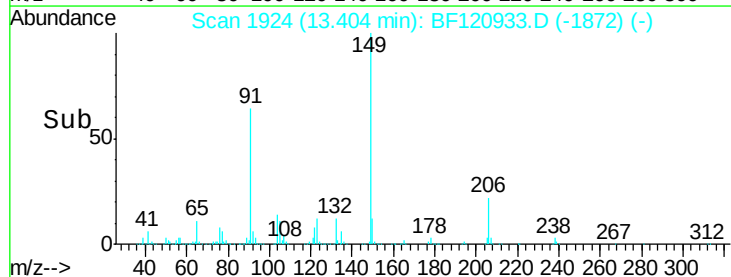
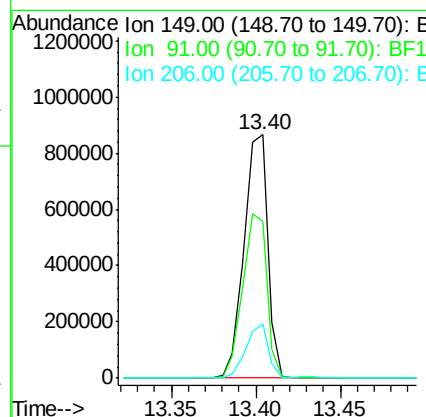
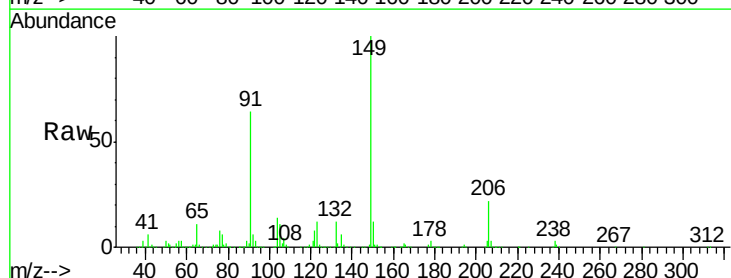
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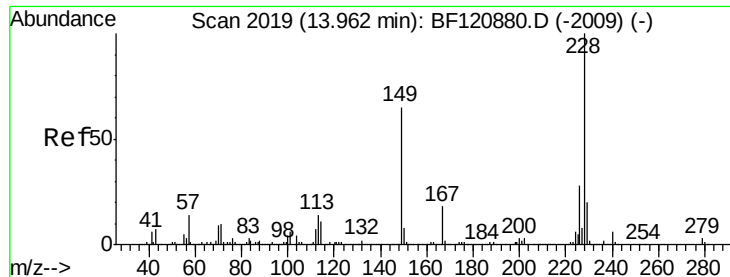
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.581 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.2	55.1	82.7
206	22.4	16.1	24.1





#81

Benzo(a)anthracene

Concen: 40.819 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

TP-15-SMS

Tot Ion:228 Resp: 1467742

Ion Ratio Lower Upper

228 100

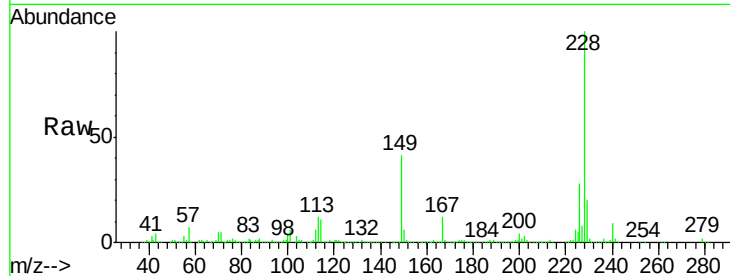
226 27.8 22.3 33.5

229 19.9 16.1 24.1

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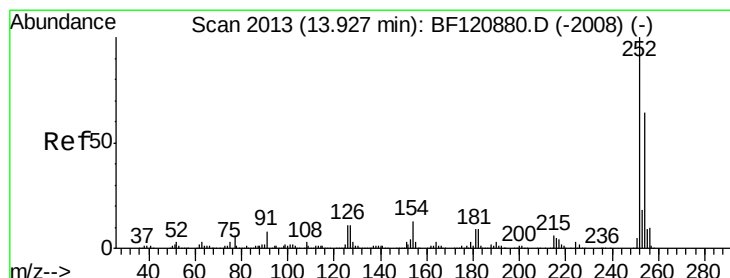
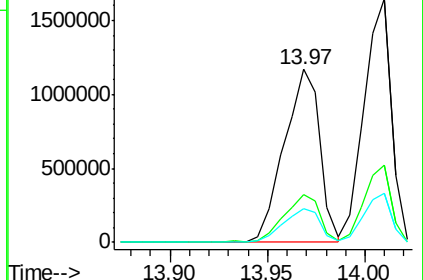
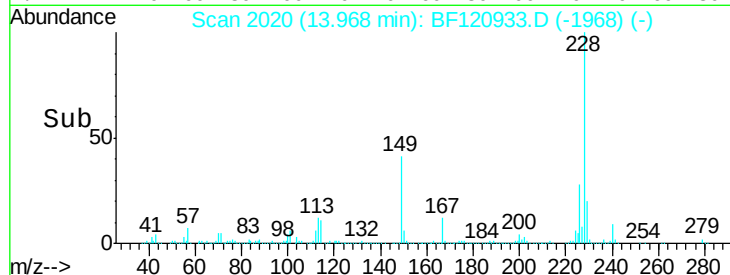
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.153 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120933.D

Acq: 20 Jul 2020 15:08

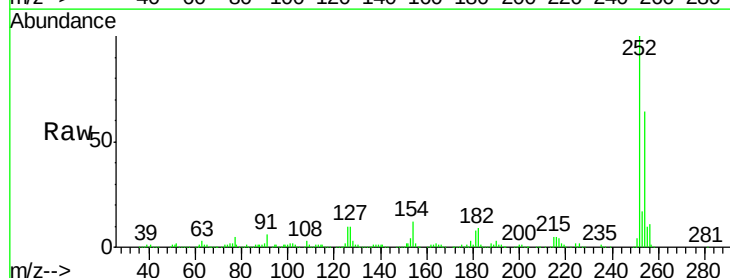
Tgt Ion:252 Resp: 463306

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

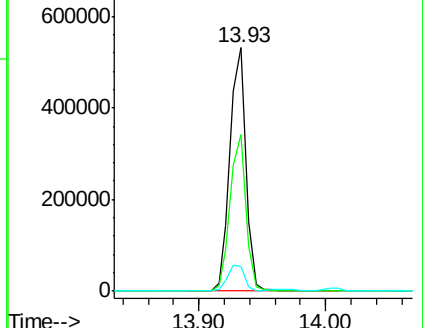
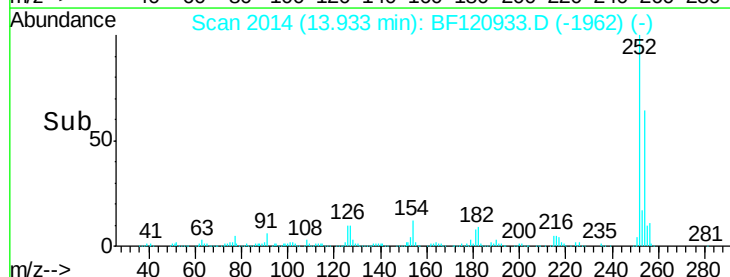
126 10.2 8.7 13.1

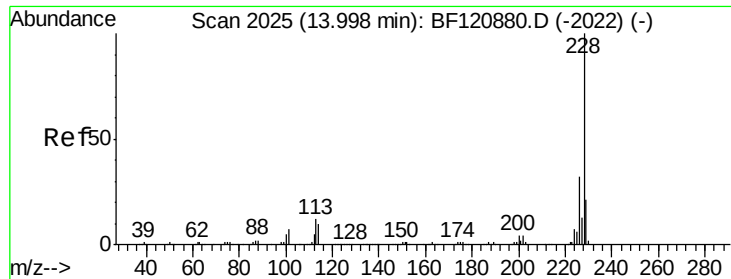


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





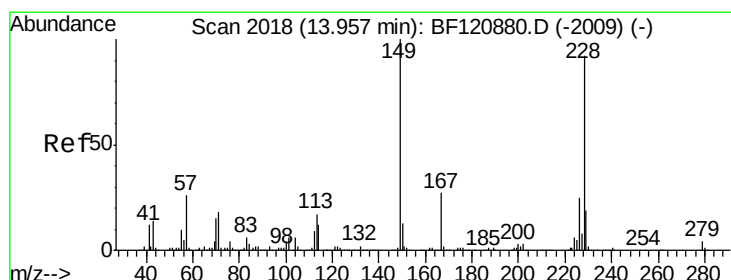
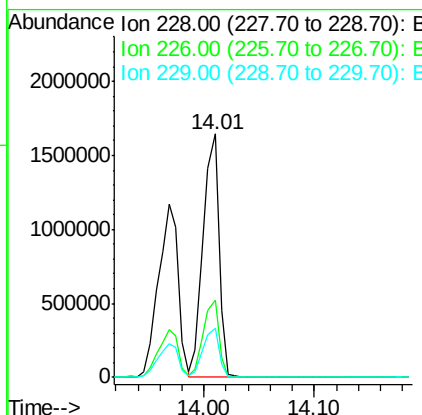
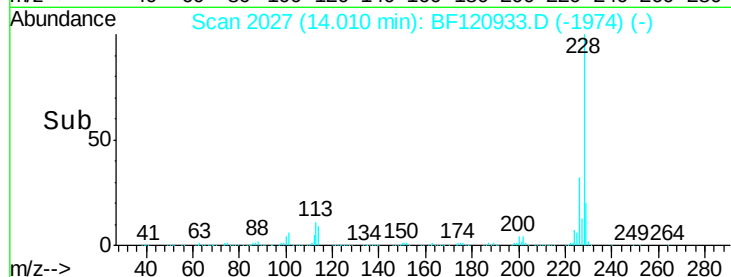
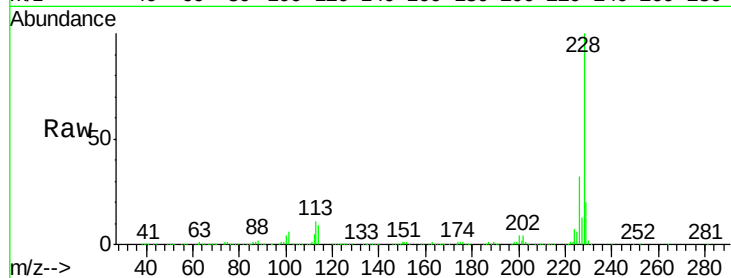
#83
 Chrysene
 Concen: 42.172 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion:228 Resp: 1593535
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.6 38.4
 229 20.2 16.8 25.2

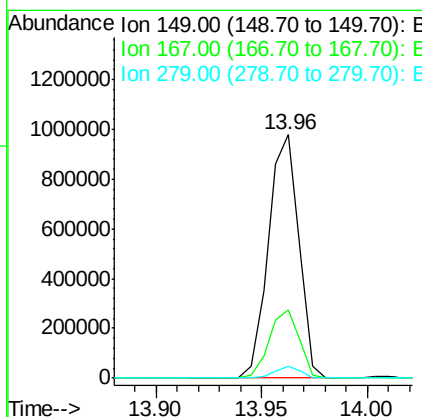
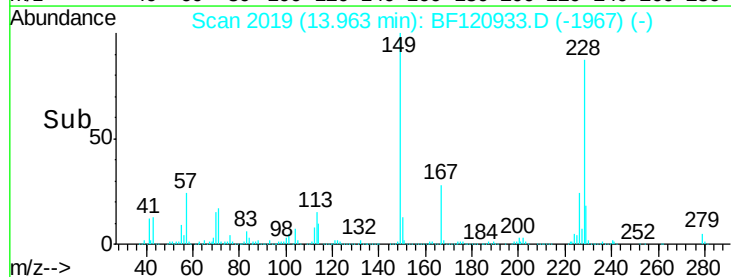
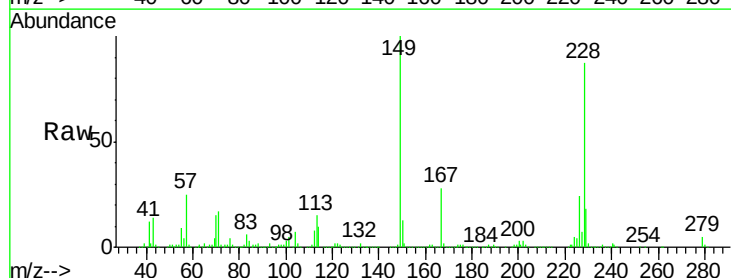
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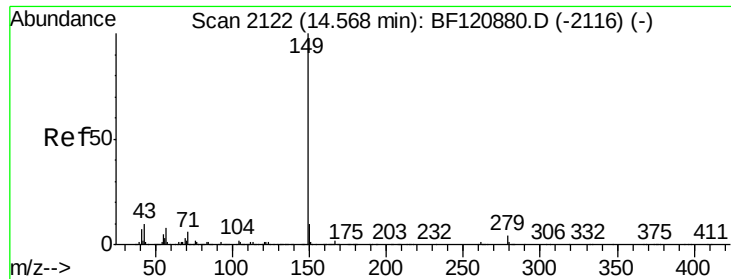
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.426 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion:149 Resp: 979070
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.9 32.9
 279 4.7 3.0 4.4#





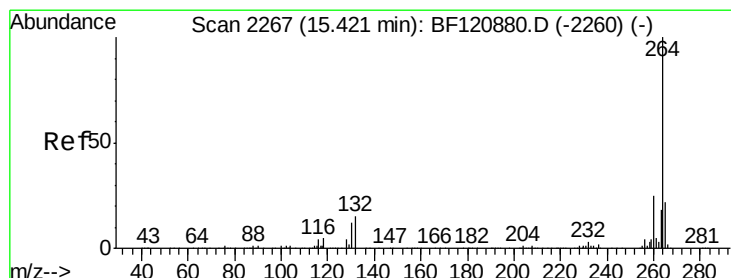
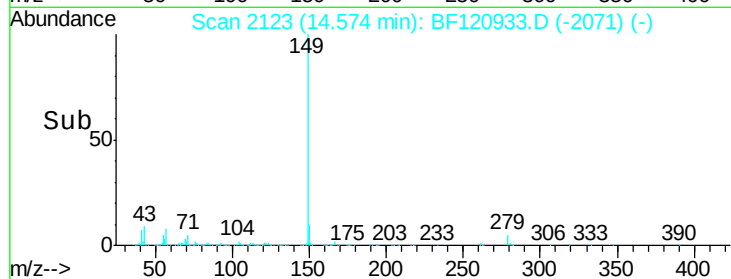
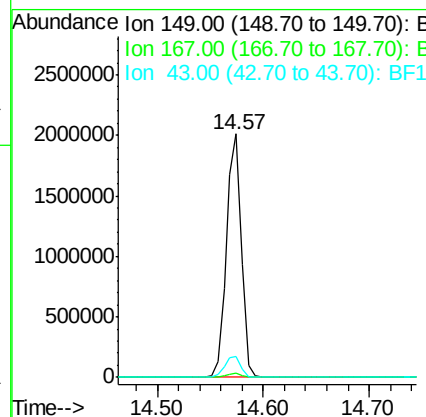
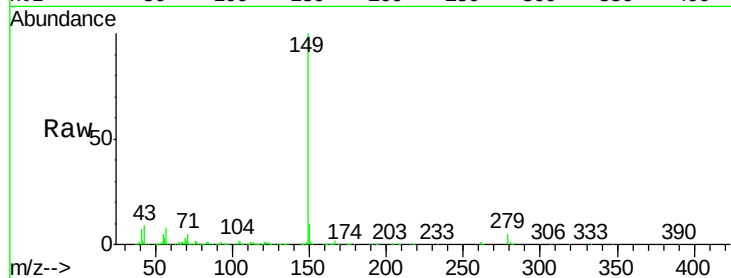
#85
Di-n-octyl phthalate
Concen: 43.355 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.6	11.4

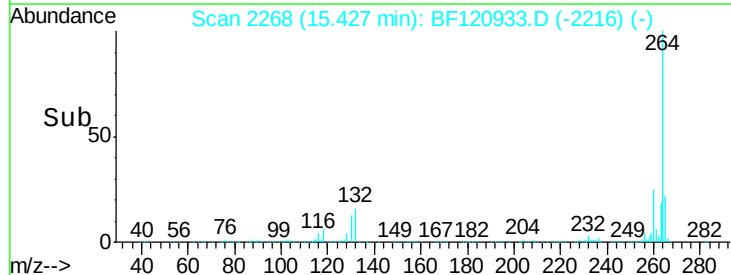
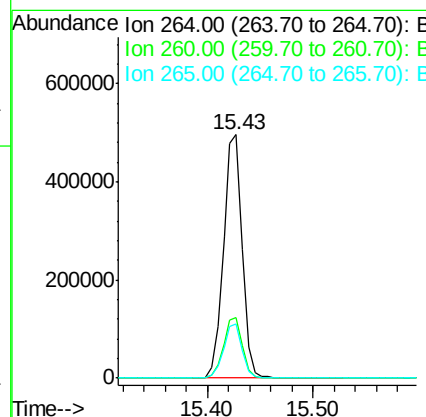
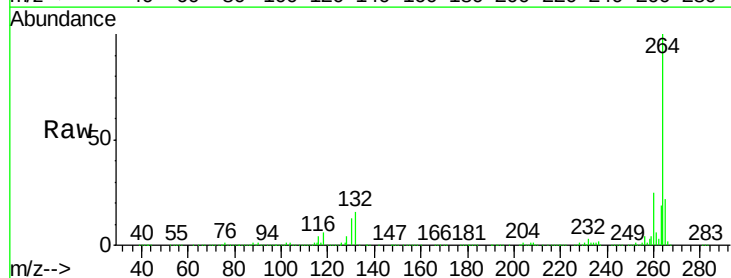
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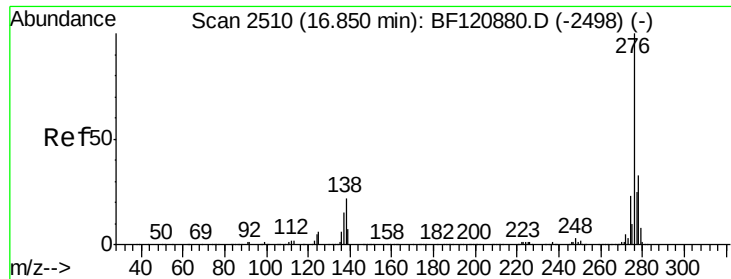
mohammad
7/21/2020 11:32:36 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.1	17.4	26.2





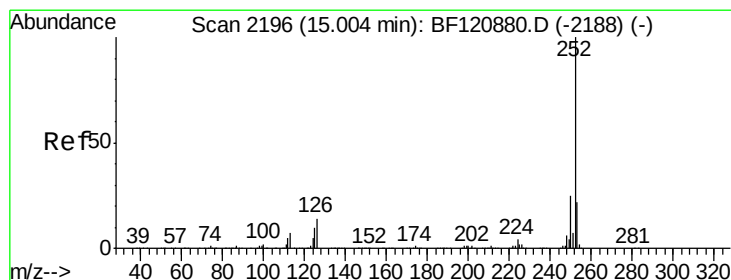
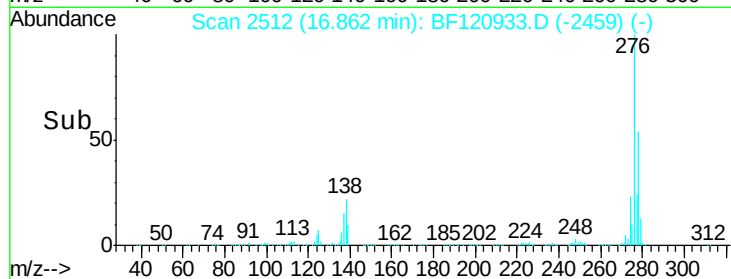
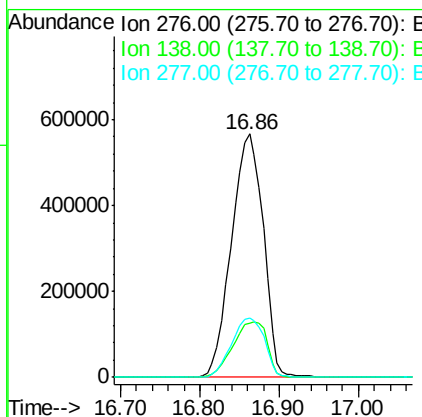
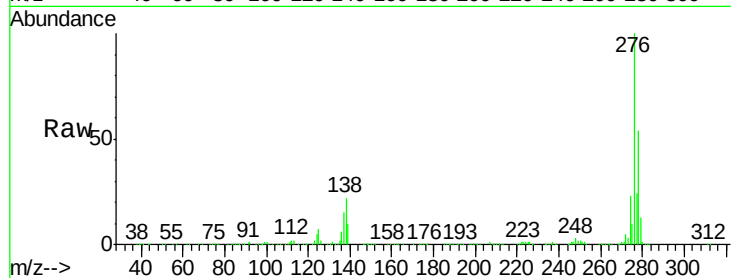
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.018 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.3	20.2	30.2

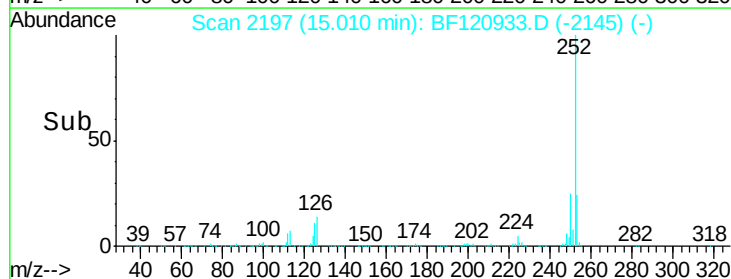
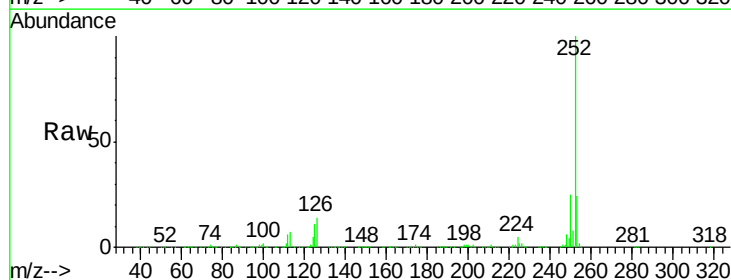
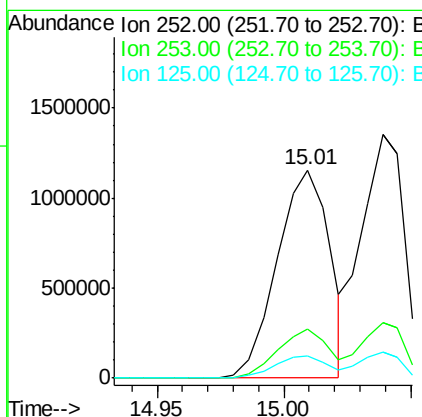
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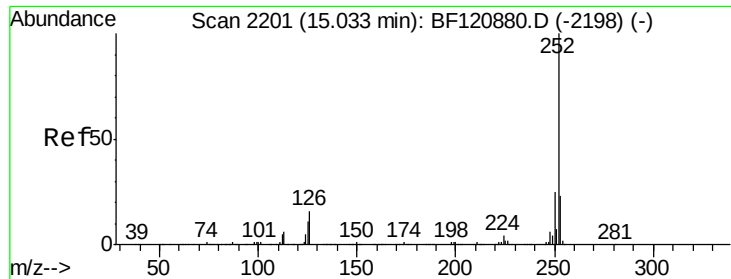
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 44.978 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120933.D
 Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	10.6	8.3	12.5





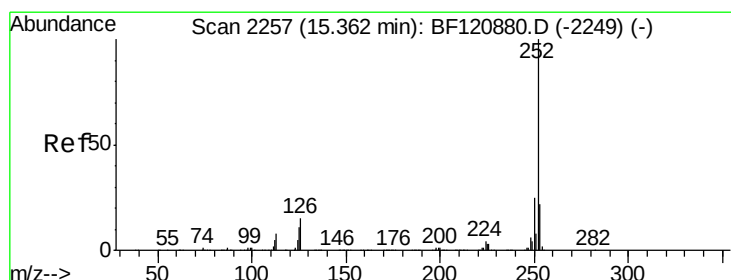
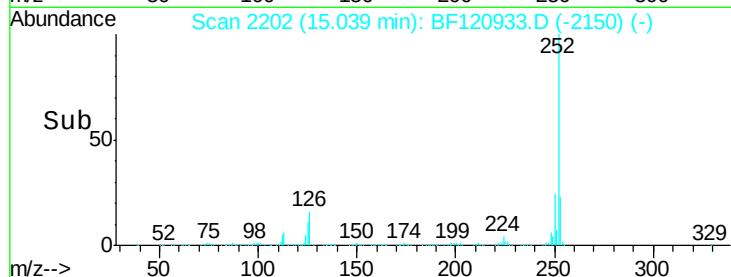
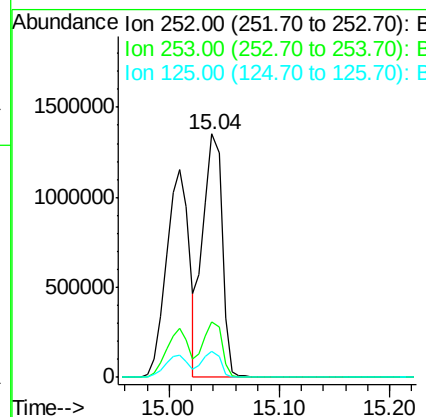
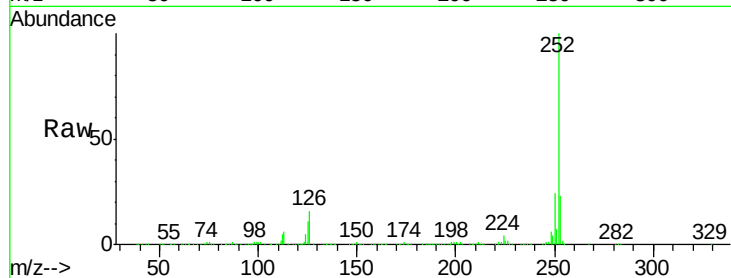
#89
Benzo(k)fluoranthene
Concen: 47.282 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.5	8.4	12.6

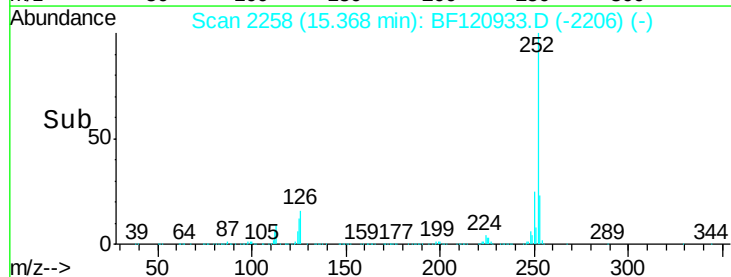
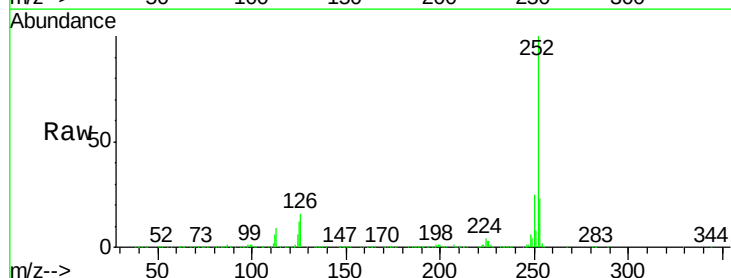
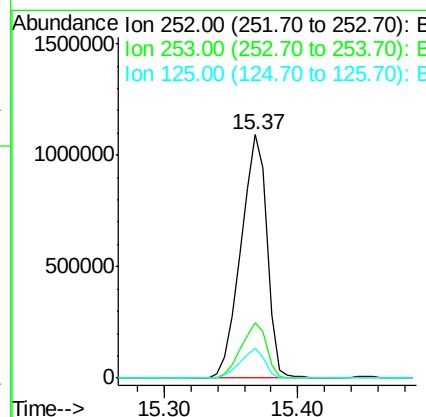
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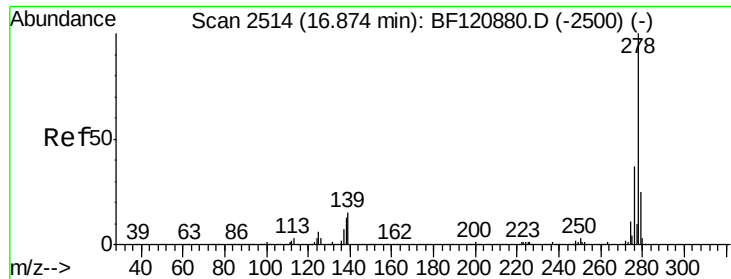
mohammad
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#90
Benzo(a)pyrene
Concen: 43.694 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	12.1	8.9	13.3





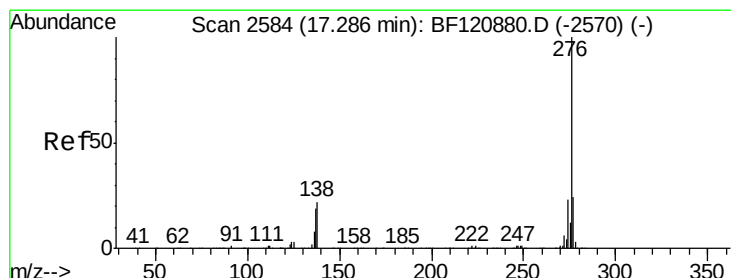
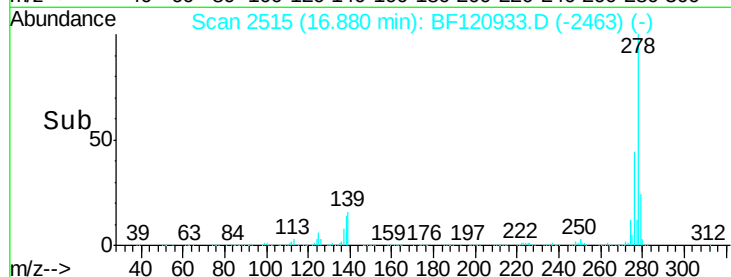
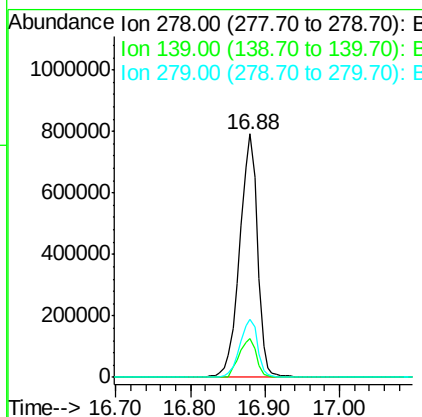
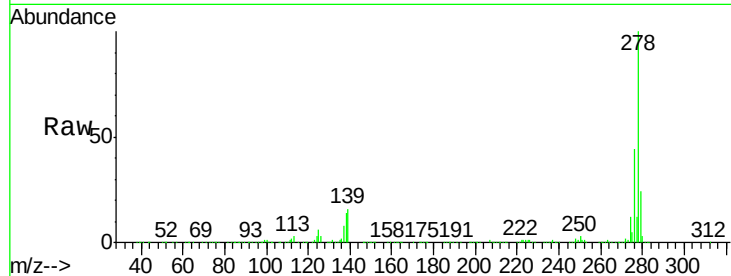
#91
Dibenzo(a,h)anthracene
Concen: 37.716 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
TP-15-SMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.3	18.5
279	23.8	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 36.042 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF120933.D
Acq: 20 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.1	17.5	26.3

