

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121195.D
 Acq On : 6 Aug 2020 10:25
 Operator : JU/CG
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Manual Integrations
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mohammad
 8/7/2020 1:50:37 PM

Quant Time: Aug 06 11:07:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129560	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	492339	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	246653	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	457607	20.00	ng	0.00
76) Chrysene-d12	13.96	240	346412	20.00	ng	0.00
86) Perylene-d12	15.41	264	335142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	832717	105.37	ng	0.00
7) Phenol-d6	6.44	99	1005385	98.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	688917	80.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	294531	109.09	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1239357	75.02	ng	0.00
79) Terphenyl-d14	12.91	244	1230376	77.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	140480	38.623	ng	98
3) Pyridine	3.30	79	333862	34.505	ng	98
4) n-Nitrosodimethylamine	3.25	42	170718	41.262	ng	96
6) Aniline	6.46	93	448742	33.674	ng	# 89
8) 2-Chlorophenol	6.58	128	382754	43.963	ng	98
9) Benzaldehyde	6.35	77	243984	54.105	ng	99
10) Phenol	6.45	94	446636	39.772	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	363780	42.268	ng	100
12) 1,3-Dichlorobenzene	6.73	146	394828	41.822	ng	98
13) 1,4-Dichlorobenzene	6.81	146	399924	42.602	ng	99
14) 1,2-Dichlorobenzene	6.96	146	381119	42.914	ng	100
15) Benzyl Alcohol	6.94	79	300274	41.592	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	516070	41.602	ng	94
17) 2-Methylphenol	7.06	107	299650	38.832	ng	100
18) Hexachloroethane	7.30	117	148924	43.831	ng	100
19) n-Nitroso-di-n-propylamine	7.21	70	233314	40.191	ng	95
20) 3+4-Methylphenols	7.21	107	347413	35.391	ng	97
22) Acetophenone	7.20	105	477782	43.240	ng	97
24) Nitrobenzene	7.38	77	381161	41.563	ng	99
25) Isophorone	7.62	82	692053	40.753	ng	98
26) 2-Nitrophenol	7.69	139	204577	46.970	ng	96
27) 2,4-Dimethylphenol	7.73	122	319029	45.114	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	452499	43.653	ng	100
29) 2,4-Dichlorophenol	7.94	162	308279	42.662	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	340332	42.451	ng	99
31) Naphthalene	8.10	128	1049227	41.546	ng	100
32) Benzoic acid	7.87	122	199648	37.610	ng	98
33) 4-Chloroaniline	8.15	127	303921	26.977	ng	99
34) Hexachlorobutadiene	8.22	225	199429	42.197	ng	98
35) Caprolactam	8.53	113	94433m	40.751	ng	
36) 4-Chloro-3-methylphenol	8.64	107	315012	42.506	ng	100
37) 2-Methylnaphthalene	8.79	142	710165	43.308	ng	99
38) 1-Methylnaphthalene	8.89	142	665331	42.840	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	328706	45.740	ng	99

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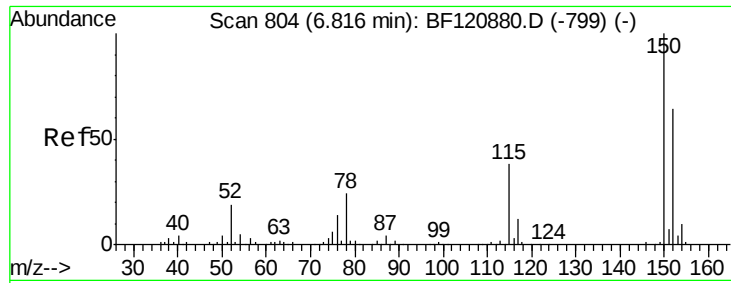
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	319635	80.476	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	218509	43.185	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	231396	40.316	nq	97
46) 1,1'-Biphenyl	9.26	154	849478	45.150	nq	99
47) 2-Chloronaphthalene	9.28	162	650242	42.389	nq	98
48) 2-Nitroaniline	9.38	65	196192	42.322	nq	99
49) Acenaphthylene	9.70	152	1028177	43.145	nq	99
50) Dimethylphthalate	9.56	163	761688	42.805	nq	99
51) 2,6-Dinitrotoluene	9.62	165	167253	43.749	nq	96
52) Acenaphthene	9.87	154	595646	39.315	nq	99
53) 3-Nitroaniline	9.79	138	127795	26.653	nq	97
54) 2,4-Dinitrophenol	9.90	184	163721	74.880	nq	94
55) Dibenzofuran	10.04	168	904938	41.303	nq	99
56) 4-Nitrophenol	9.97	139	239486	65.753	nq	97
57) 2,4-Dinitrotoluene	10.03	165	216091	43.043	nq	# 88
58) Fluorene	10.39	166	678346	41.513	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	195496	44.736	nq	99
60) Diethylphthalate	10.26	149	752556	41.812	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	340870	39.110	nq	98
62) 4-Nitroaniline	10.41	138	180704	38.690	nq	98
63) Azobenzene	10.53	77	711207	41.506	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	119492	45.349	nq	100
66) n-Nitrosodiphenylamine	10.50	169	633004	43.973	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	222855	43.680	nq	93
68) Hexachlorobenzene	10.93	284	247315	44.812	nq	96
69) Atrazine	11.03	200	167668	47.030	nq	97
70) Pentachlorophenol	11.13	266	248226	78.509	nq	99
71) Phenanthrene	11.35	178	998240	42.415	nq	100
72) Anthracene	11.40	178	1045129	44.224	nq	99
73) Carbazole	11.56	167	953304	40.648	nq	99
74) Di-n-butylphthalate	11.89	149	1186426	43.837	nq	99
75) Fluoranthene	12.53	202	1094985	41.975	nq	98
77) Benzidine	12.66	184	557606	61.223	nq	99
78) Pyrene	12.76	202	1113440	45.462	nq	100
80) Butylbenzylphthalate	13.38	149	508540	46.578	nq	93
81) Benzo(a)anthracene	13.95	228	936932	44.665	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	316466	39.988	nq	99
83) Chrysene	13.99	228	944269	42.835	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	695153	51.634	nq	99
85) Di-n-octyl phthalate	14.55	149	1214896	45.357	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	993806	42.638	nq	99
88) Benzo(b)fluoranthene	14.99	252	895944	44.226	nq	99
89) Benzo(k)fluoranthene	15.02	252	911989	49.363	nq	99
90) Benzo(a)pyrene	15.35	252	826013	44.691	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	824952	43.329	nq	100
92) Benzo(g,h,i)perylene	17.28	276	847711	45.157	nq	99

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



#1

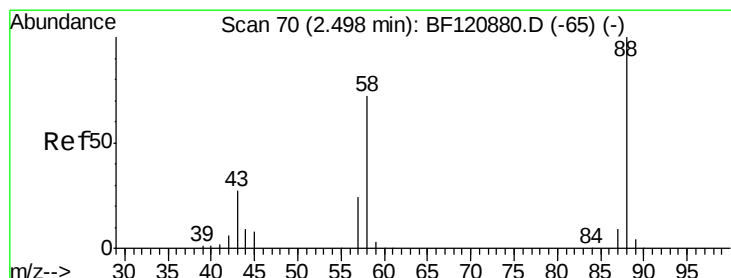
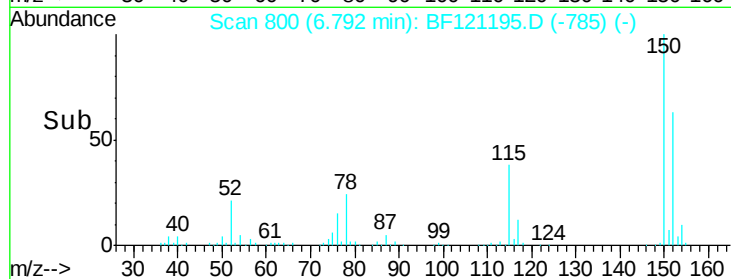
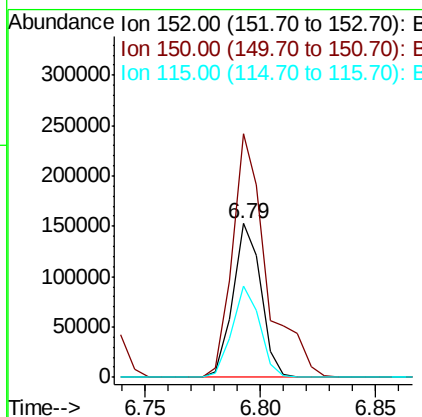
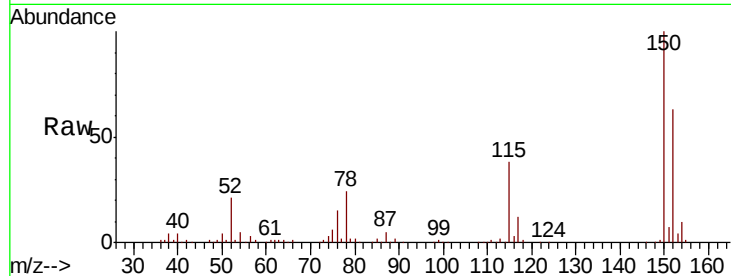
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.6	188.4
115	59.7	46.2	69.2

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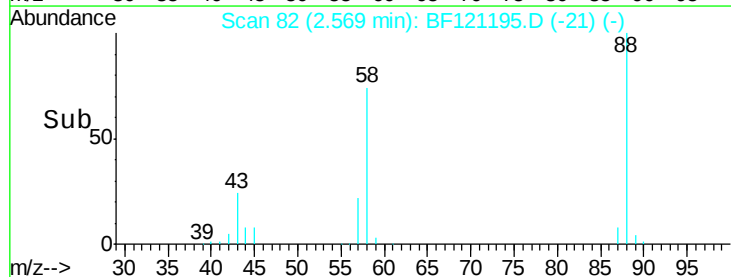
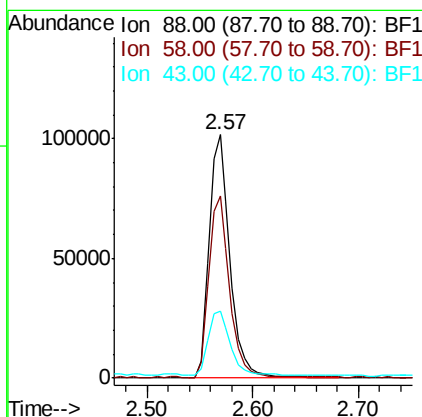
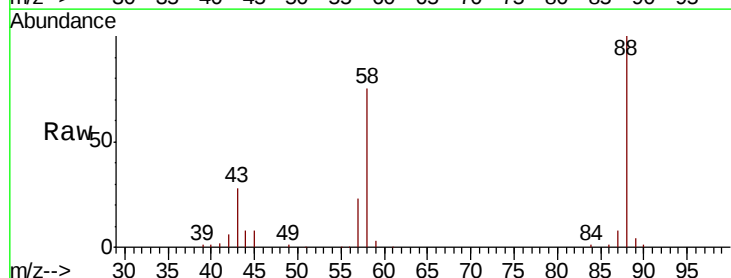
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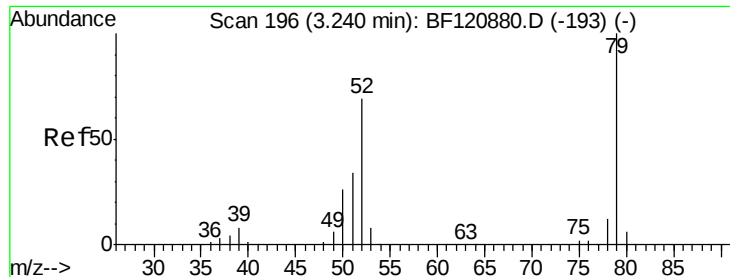


#2

1,4-Dioxane
Concen: 38.623 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.4	58.2	87.4
43	27.9	21.3	31.9





#3

Pvridine

Concen: 34.505 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

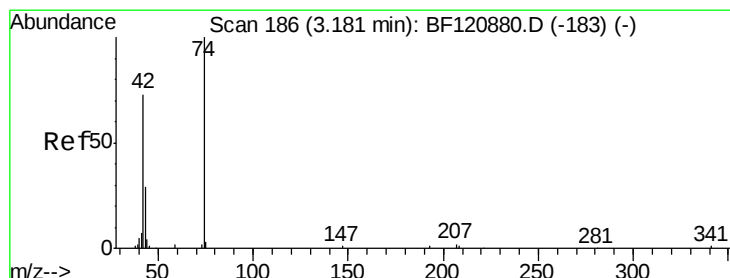
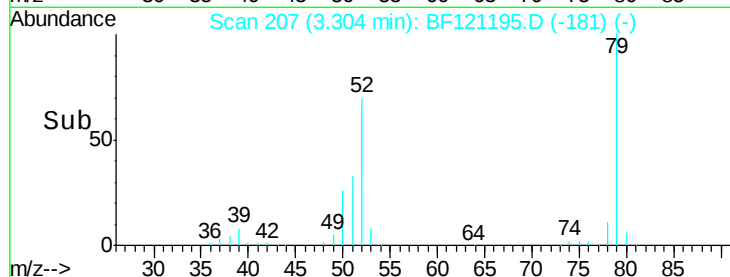
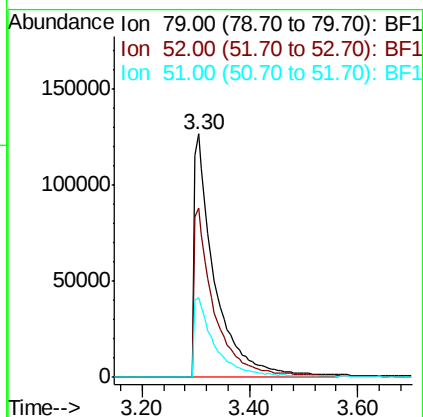
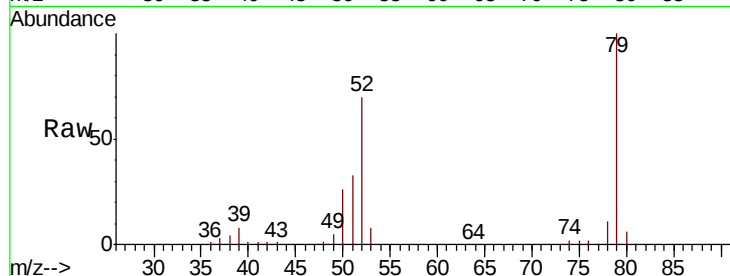
ClientSampleId :

PB130683BS

Tot Ion:	79	Resp:	333862
Ion	Ratio	Lower	Upper
79	100		
52	69.6	54.9	82.3
51	32.9	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 41.262 ng

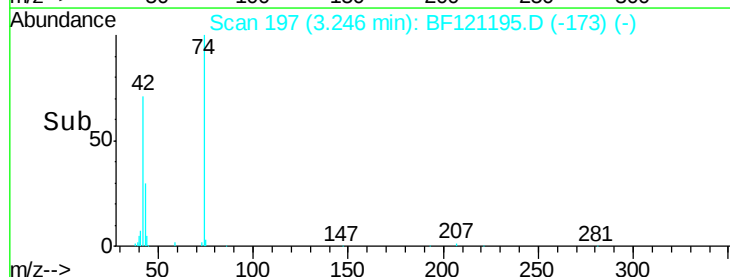
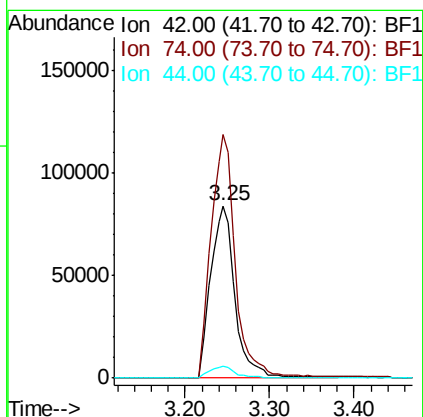
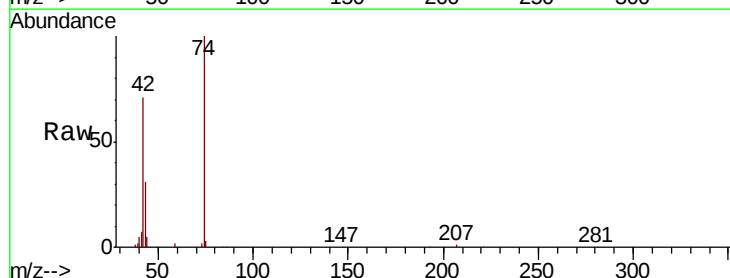
RT: 3.25 min Scan# 197

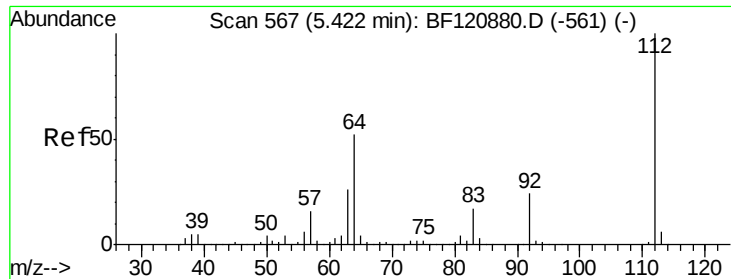
Delta R.T. 0.04 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	42	Resp:	170718
Ion	Ratio	Lower	Upper
42	100		
74	141.3	117.3	175.9
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 105.366 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

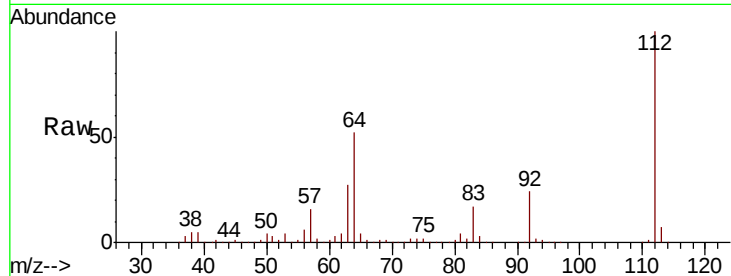
ClientSampleId :

PB130683BS

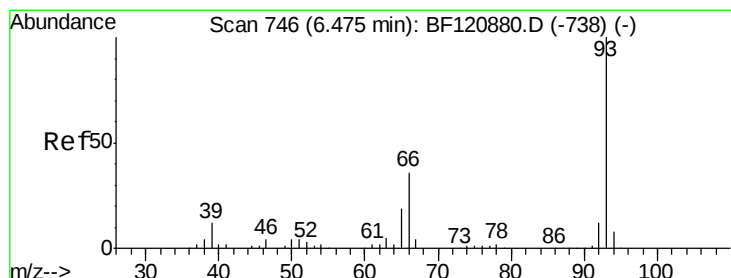
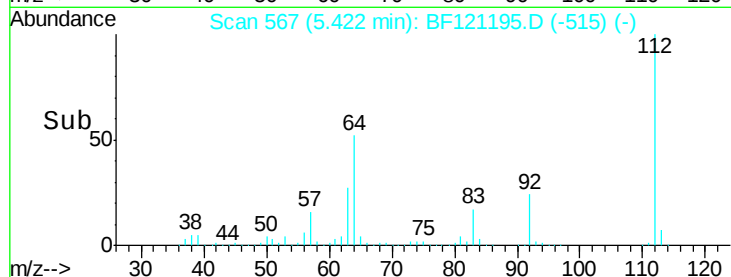
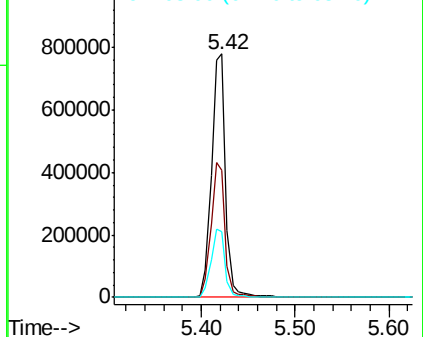
Tot Ion:	112	Resp:	832717
Ion Ratio	Lower	Upper	
112	100		
64	52.2	43.9	65.9
63	27.1	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.674 ng

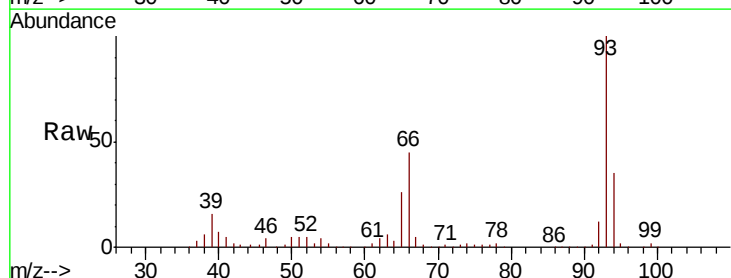
RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

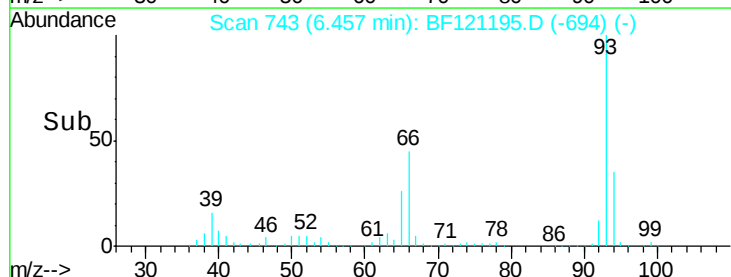
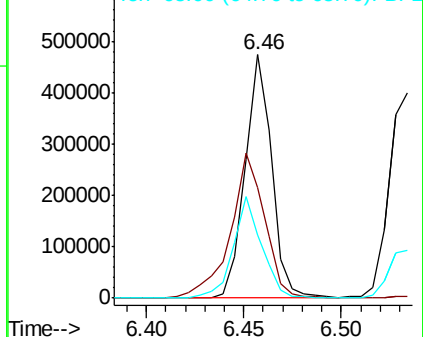
Lab File: BF121195.D

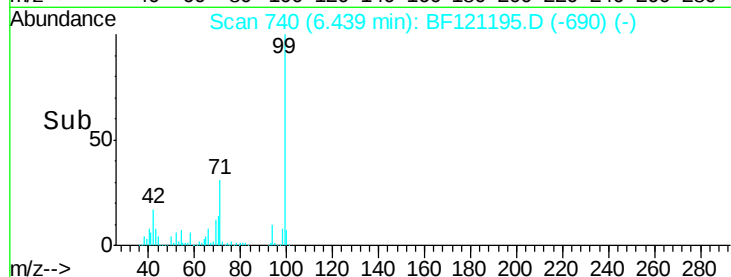
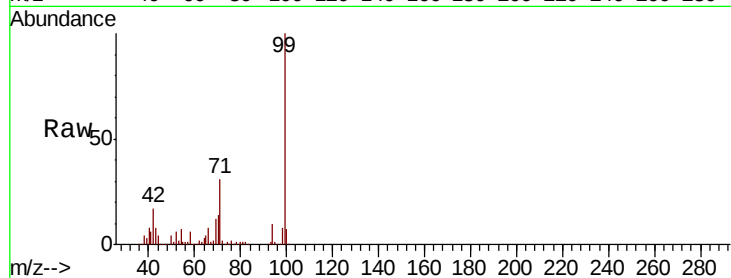
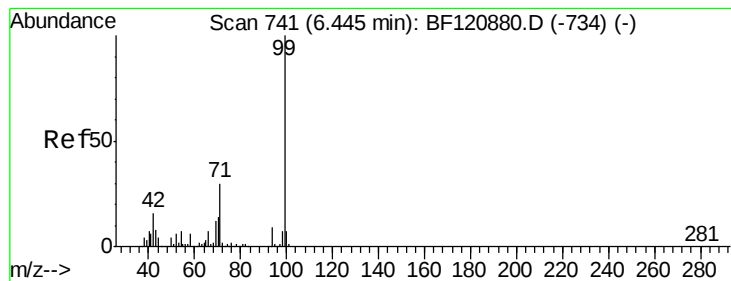
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Tgt Ion:	93	Resp:	448742
Ion Ratio	Lower	Upper	
93	100		
66	45.1	31.0	46.4
65	25.7	16.2	24.4#



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: 98.482 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tot Ion: 99 Resp: 1005385

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 31.0 25.0 37.4

Instrument :

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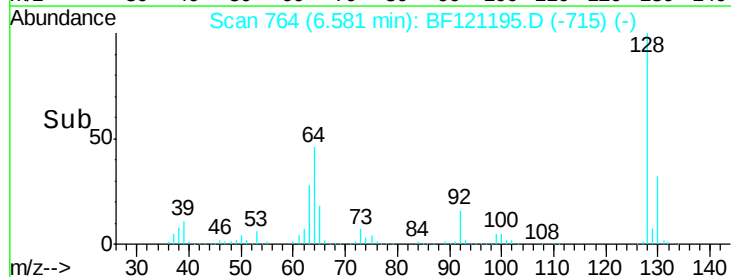
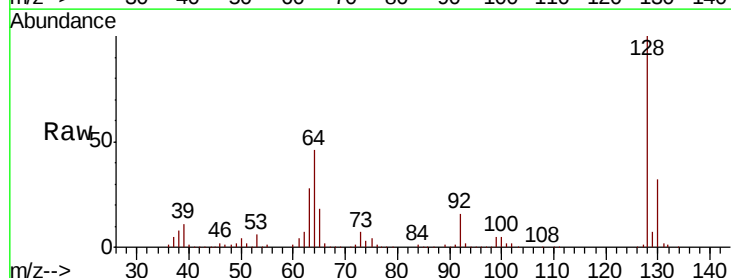
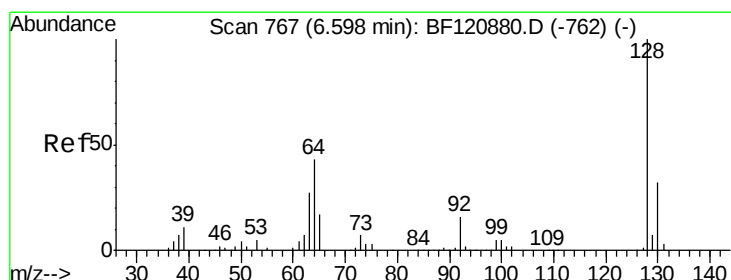
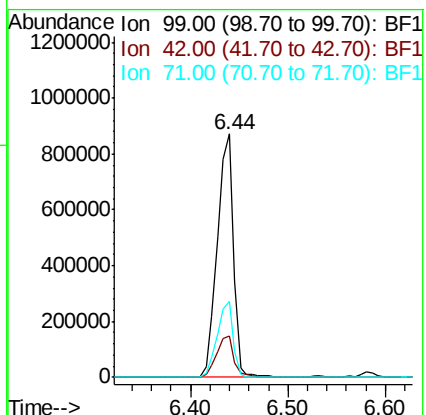
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#8

2-Chlorophenol

Concen: 43.963 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

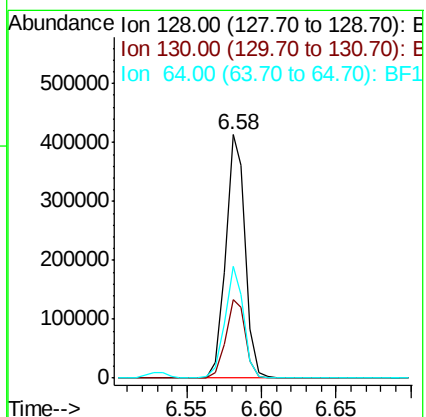
Tgt Ion:128 Resp: 382754

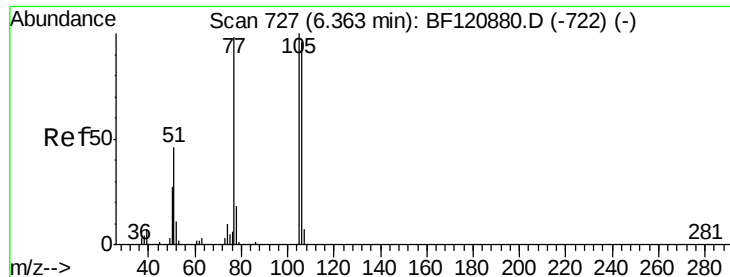
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 45.7 23.8 63.8





#9

Benzaldehyde

Concen: 54.105 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

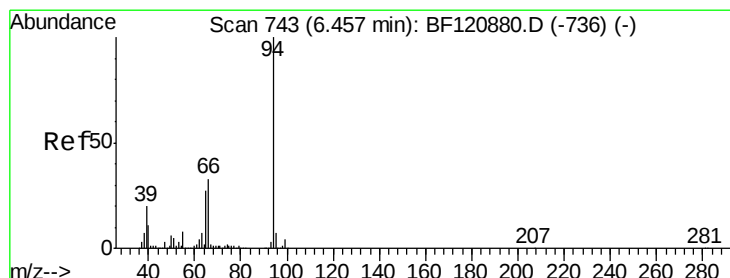
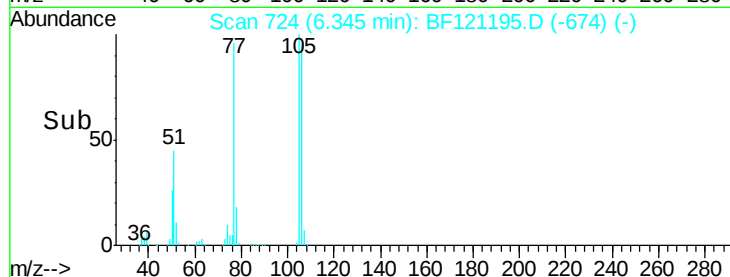
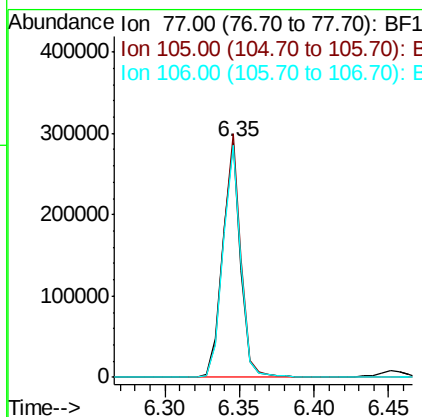
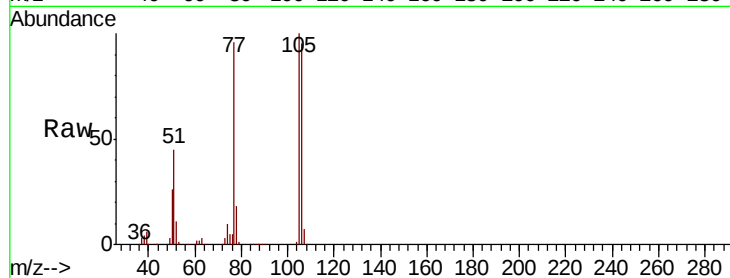
ClientSampleId :

PB130683BS

Tot Ion:	77	Resp:	243984
Ion	Ratio	Lower	Upper
77	100		
105	103.7	82.4	122.4
106	98.7	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 39.772 ng

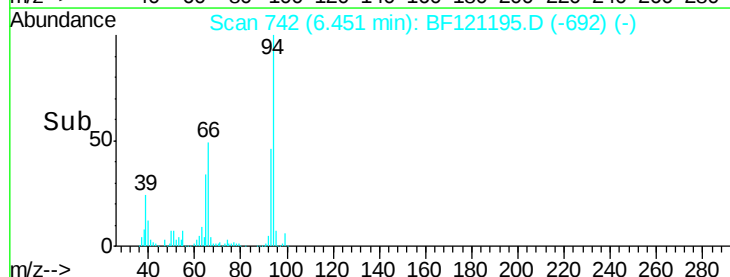
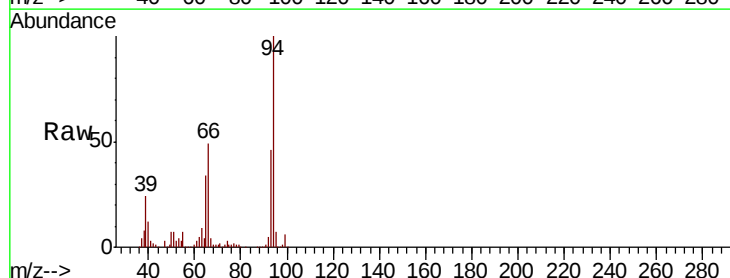
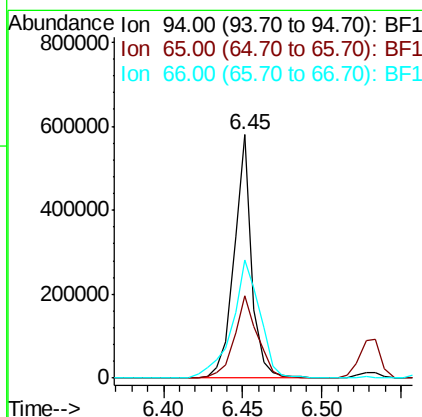
RT: 6.45 min Scan# 742

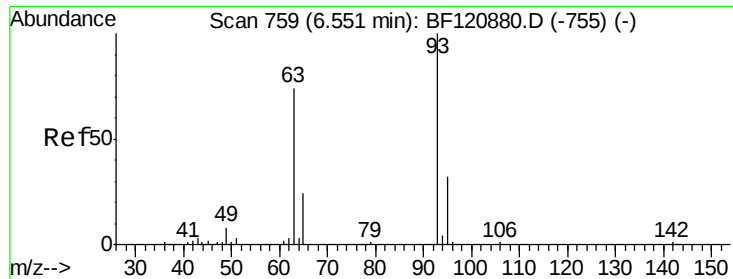
Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	94	Resp:	446636
Ion	Ratio	Lower	Upper
94	100		
65	34.1	12.6	52.6
66	48.5	25.6	65.6





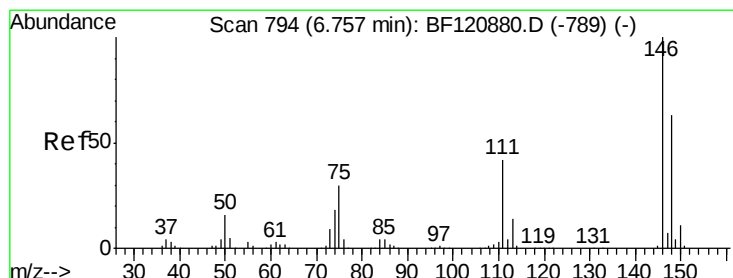
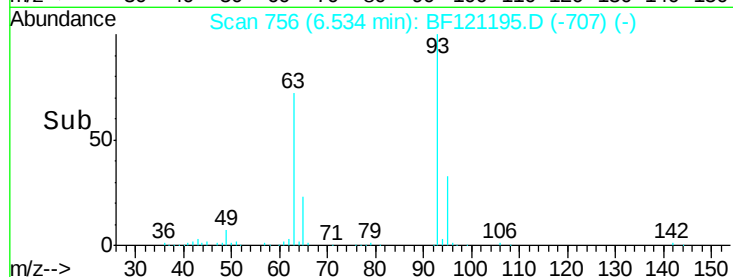
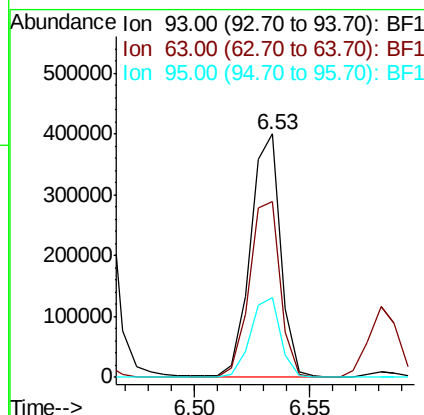
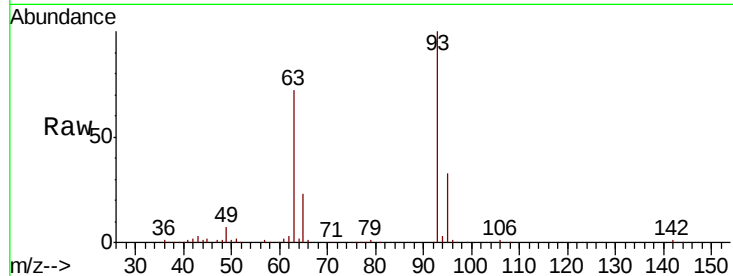
#11
bis(2-Chloroethyl)ether
Concen: 42.268 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion:	93	Resp:	363780
Ion	Ratio	Lower	Upper
93	100		
63	72.0	51.9	91.9
95	32.6	13.2	53.2

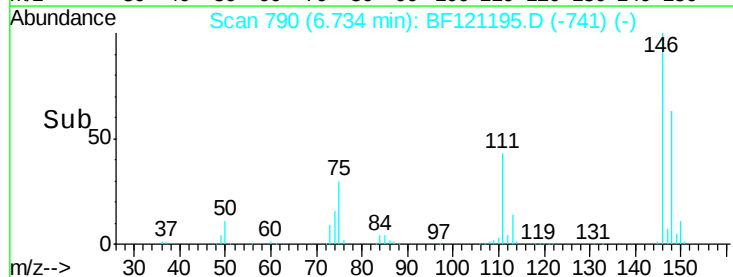
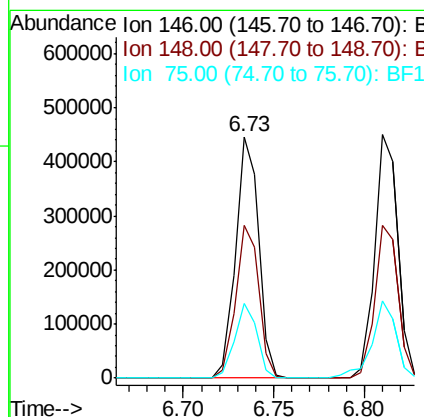
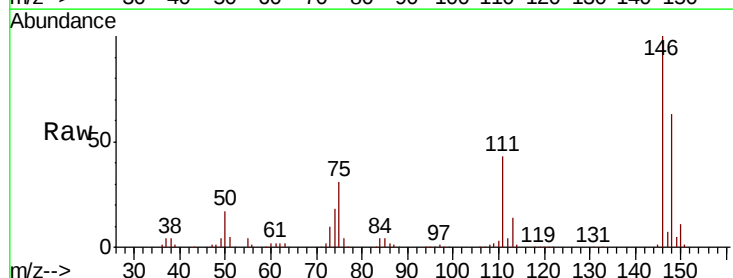
Manual Integrations
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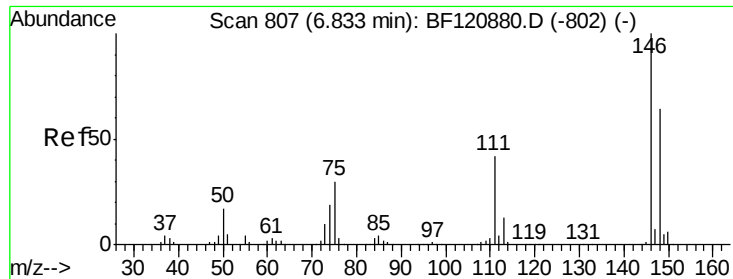
mohammad
8/7/2020 1:50:37 PM



#12
1,3-Dichlorobenzene
Concen: 41.822 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion:	146	Resp:	394828
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.7	77.5
75	30.8	23.8	35.6





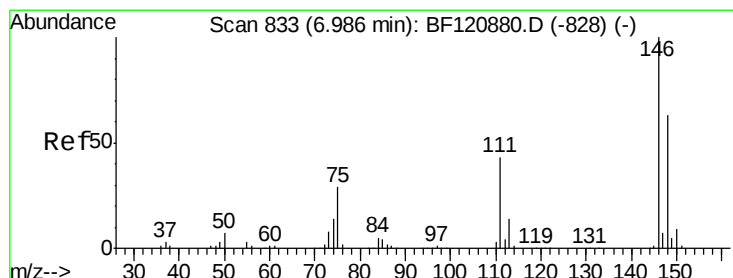
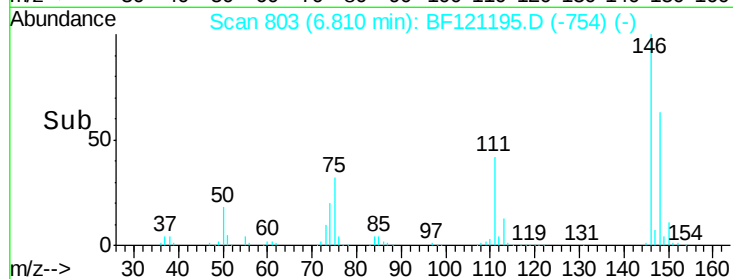
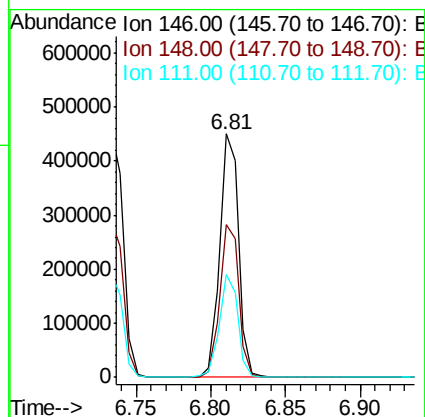
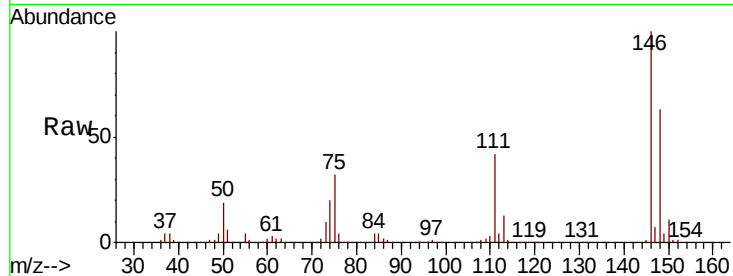
#13
1,4-Dichlorobenzene
Concen: 42.602 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.5	75.7
111	42.2	32.8	49.2

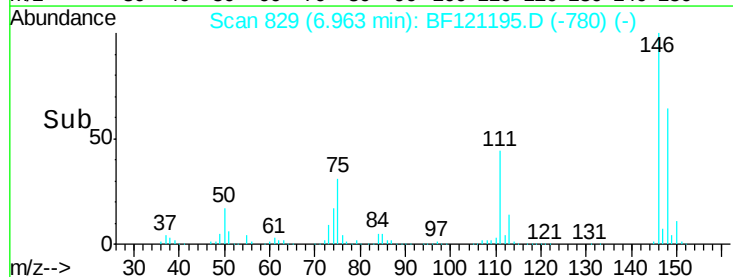
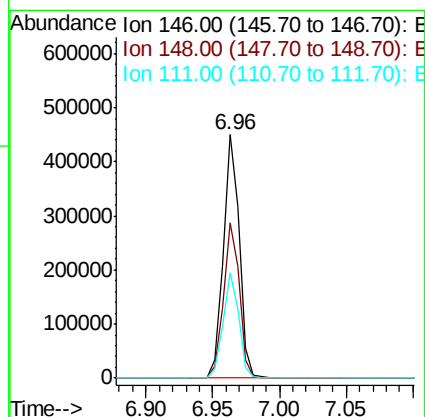
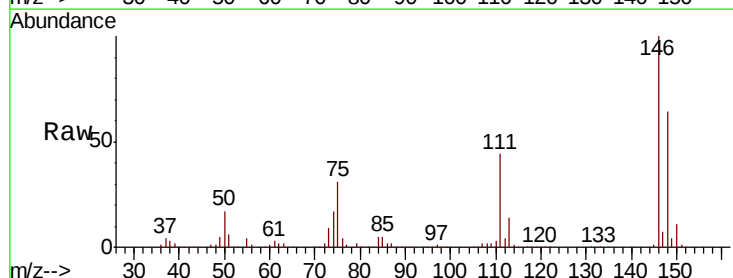
Manual Integrations
APPROVED

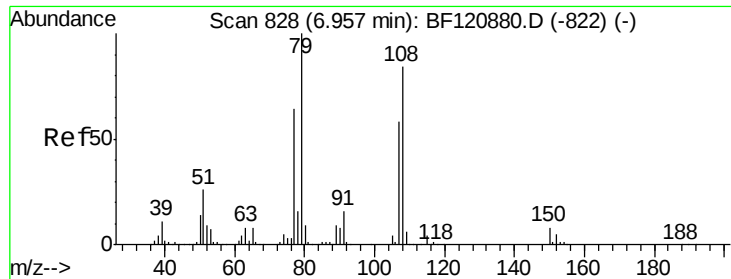
mohammad
8/7/2020 1:50:37 PM



#14
1,2-Dichlorobenzene
Concen: 42.914 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.5	35.4	53.0





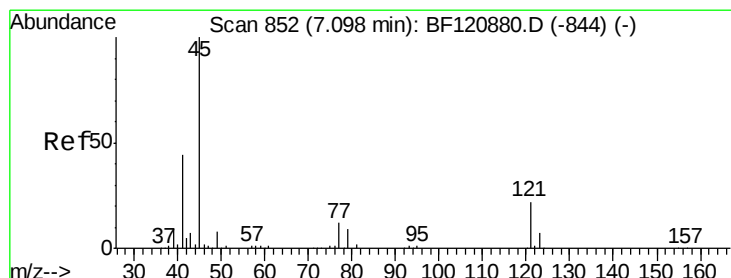
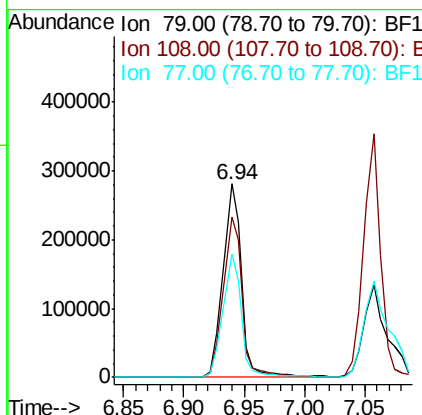
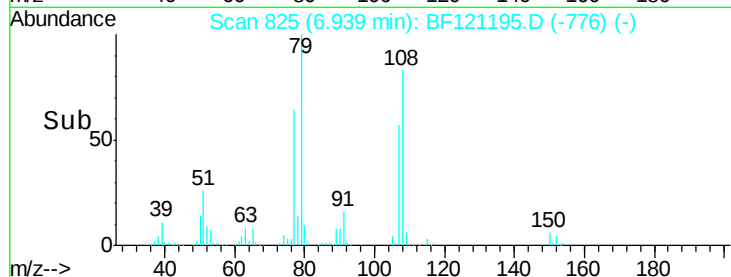
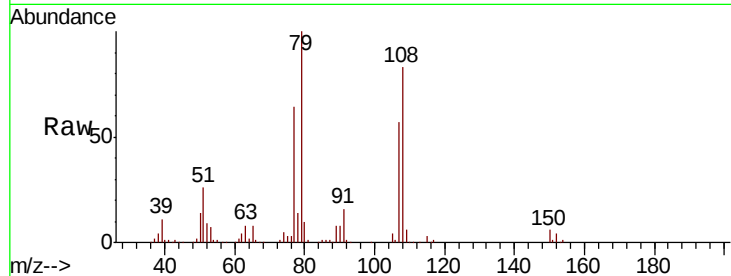
#15
Benzyl Alcohol
Concen: 41.592 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	68.6	103.0
77	64.1	51.4	77.2

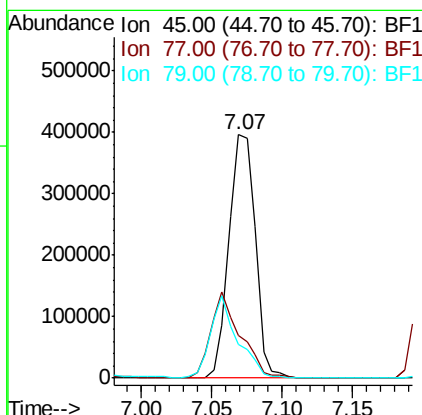
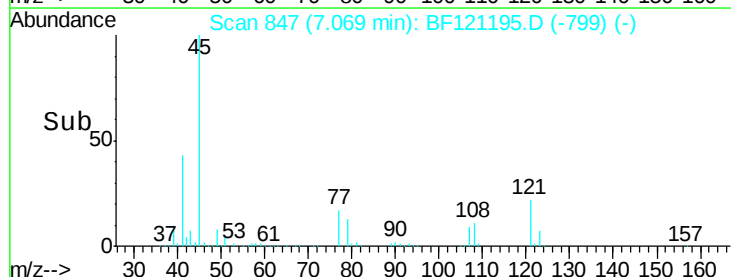
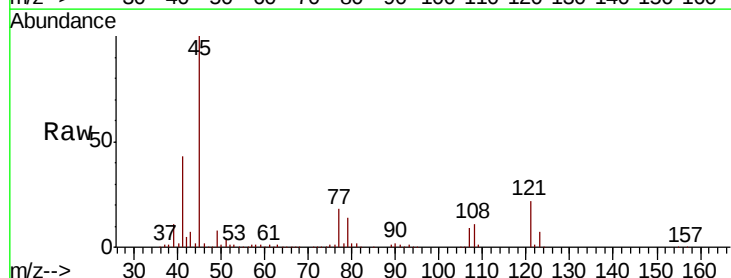
Manual Integrations
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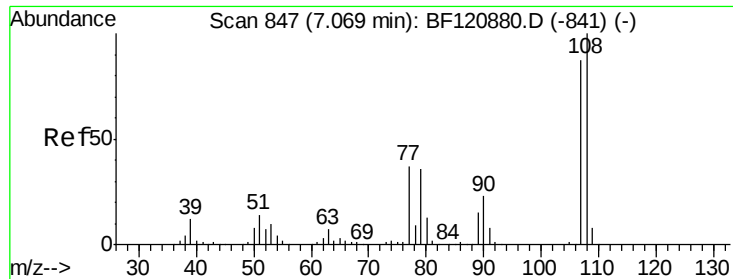
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.602 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	34.7
79	13.8	0.0	32.0





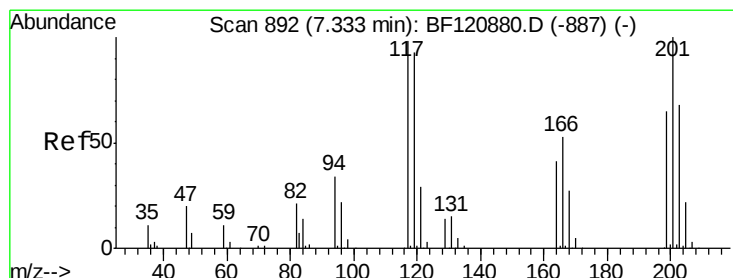
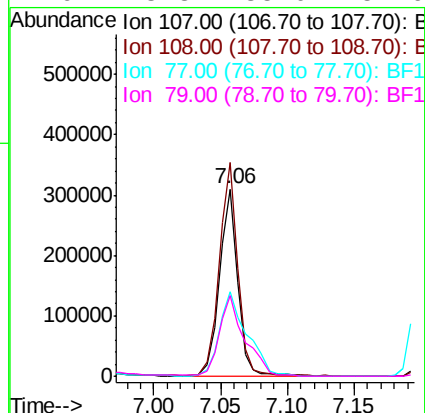
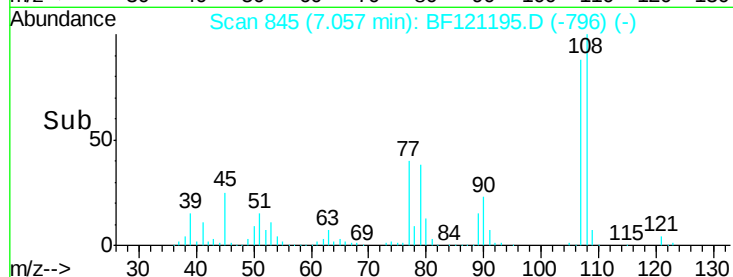
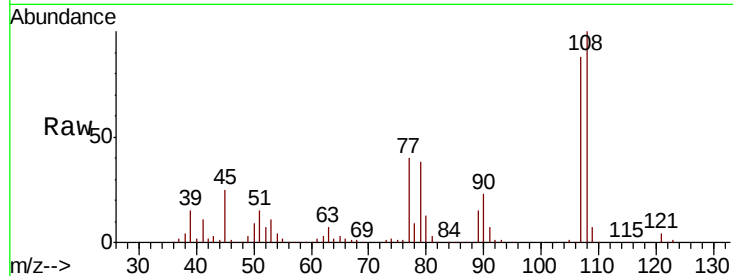
#17
2-Methylphenol
Concen: 38.832 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	299650		
108	113.9	91.2	136.8	
77	45.0	36.5	54.7	
79	43.3	35.0	52.6	

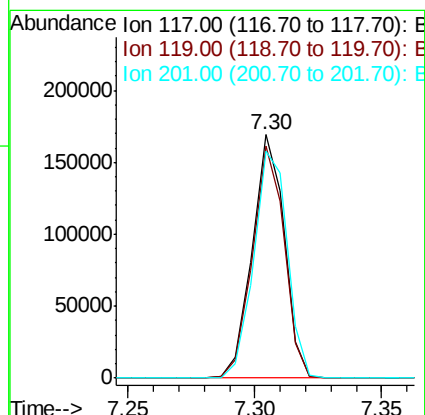
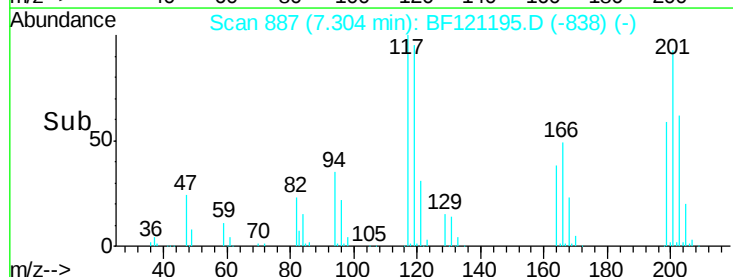
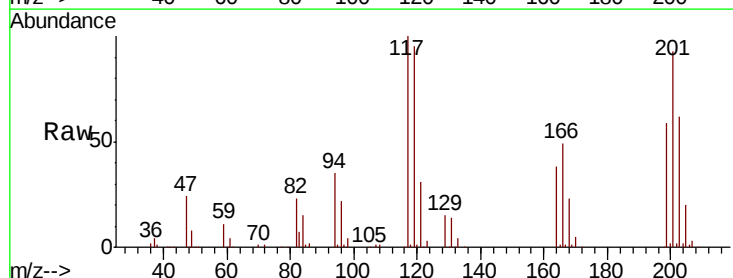
Manual Integrations
APPROVED

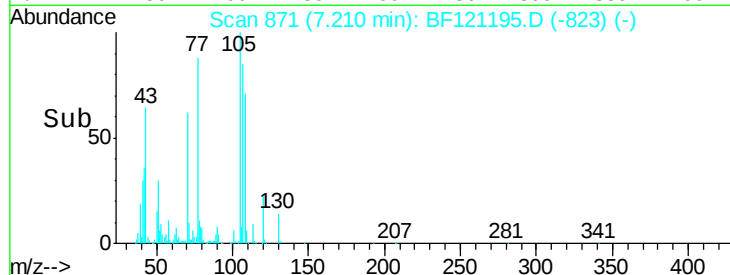
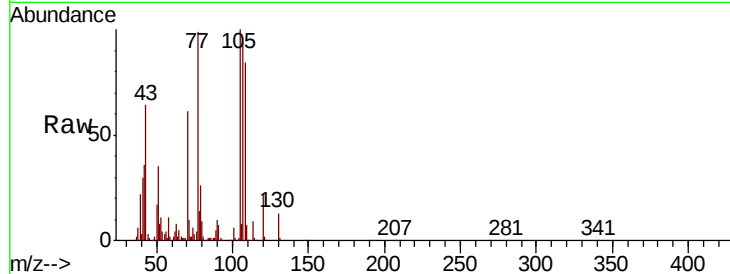
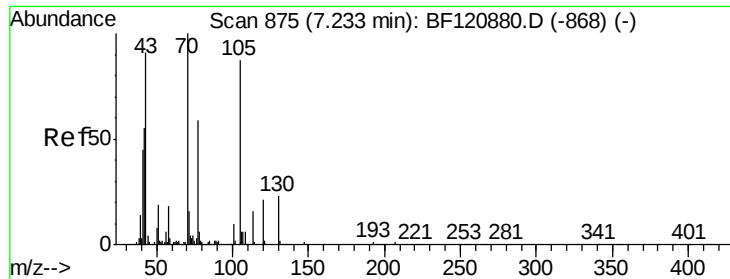
mohammad
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#18
Hexachloroethane
Concen: 43.831 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	148924		
119	95.4	76.6	114.8	
201	93.0	75.0	112.4	





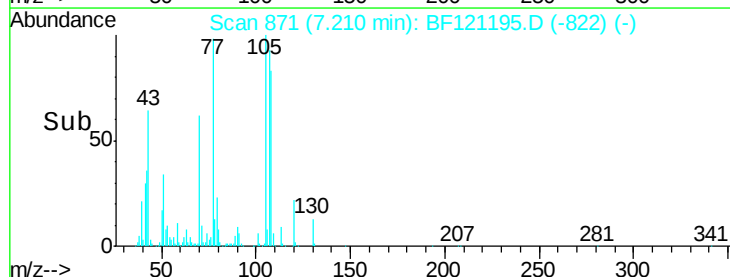
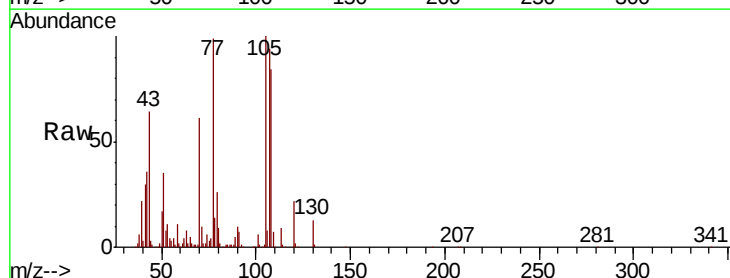
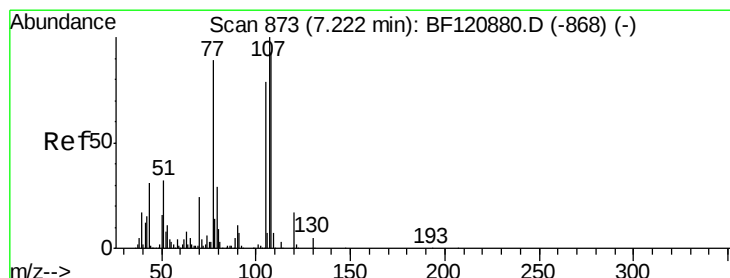
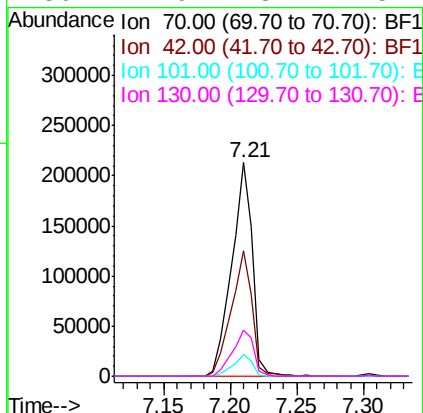
#19
n-Nitroso-di-n-propylamine
Concen: 40.191 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Manual Integrations
APPROVED

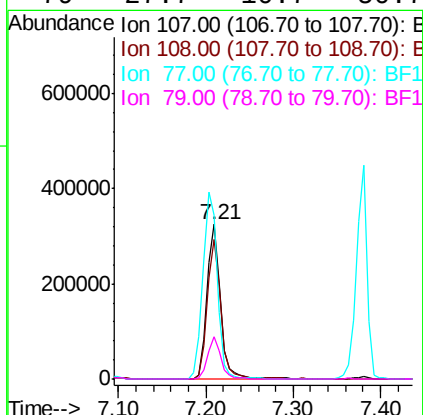
mohammad
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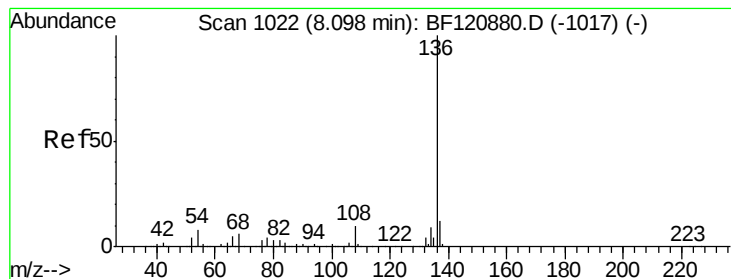
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	43.3	64.9	
101	10.0	8.4	12.6	
130	21.9	18.7	28.1	



#20
3+4-Methylphenols
Concen: 35.391 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	73.7	113.7	
77	106.1	84.9	124.9	
79	27.7	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

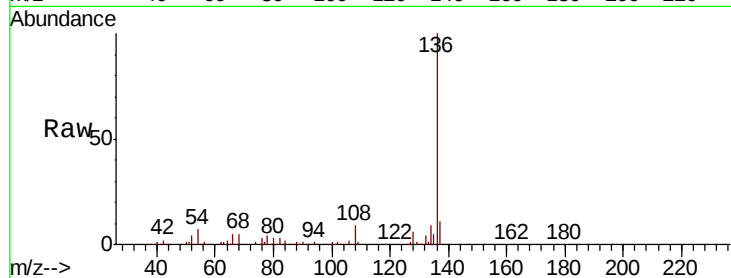
ClientSampleId :

PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	492339		
137	10.6	9.0	13.4	
54	6.8	6.1	9.1	
68	5.4	5.0	7.6	

Manual Integrations
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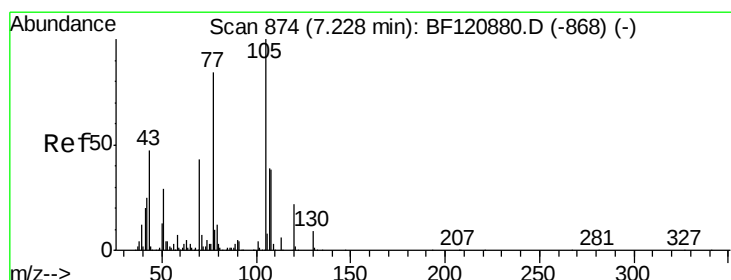
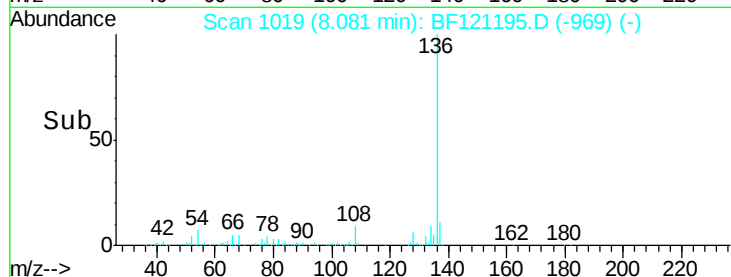
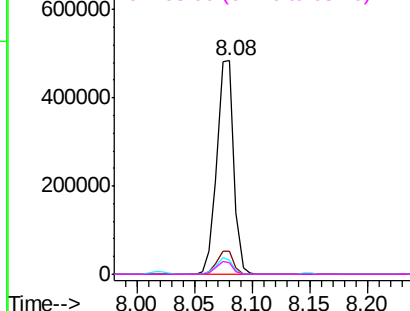


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.240 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

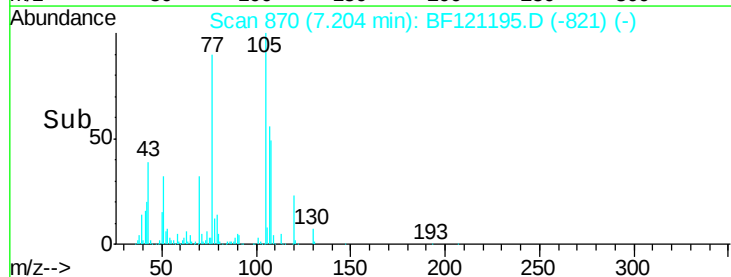
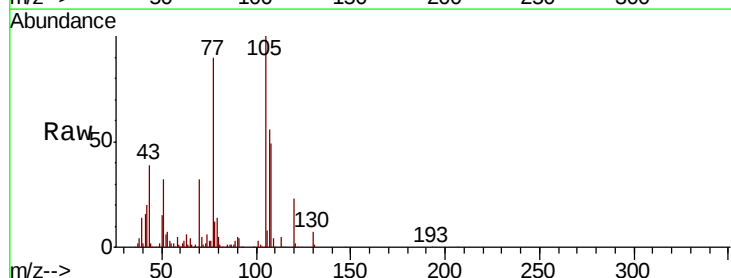
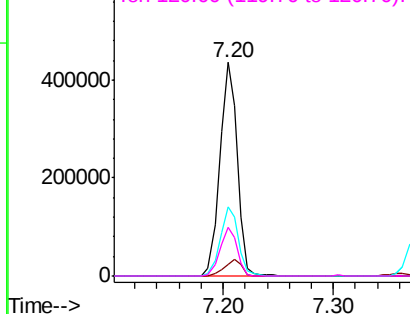
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	477782		
71	5.4	3.8	5.8	
51	32.5	28.0	42.0	
120	22.6	17.8	26.6	

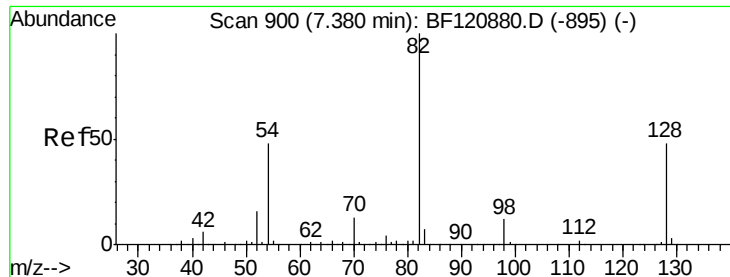
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





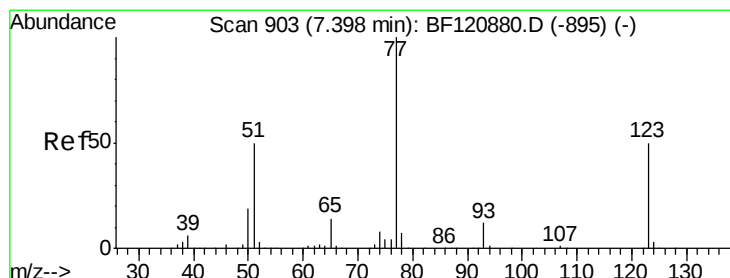
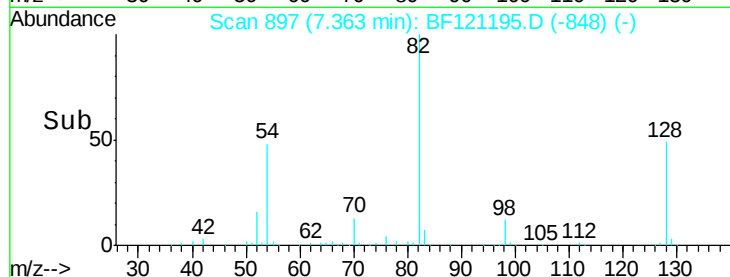
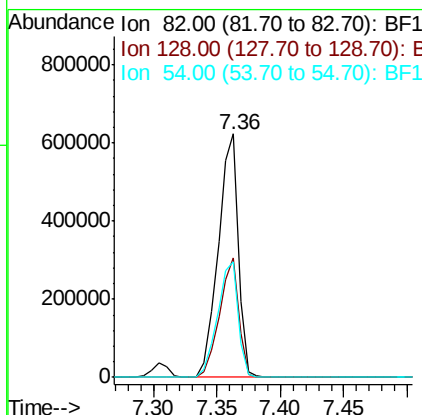
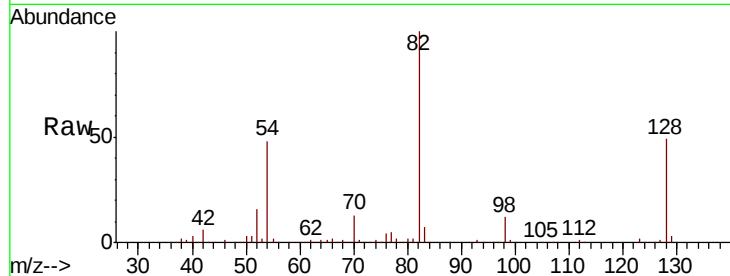
#23
 Nitrobenzene-d5
 Concen: 80.966 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:	82	Resp:	688917
Ion Ratio	Lower	Upper	
82	100		
128	49.0	39.2	58.8
54	47.6	37.8	56.8

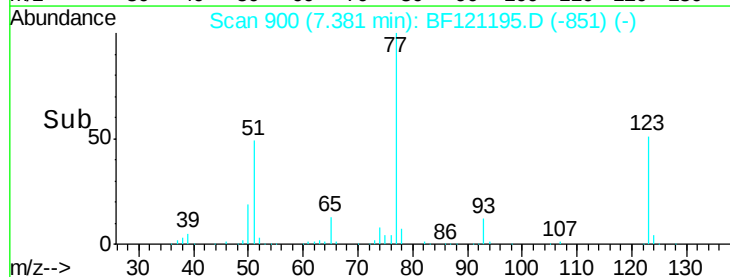
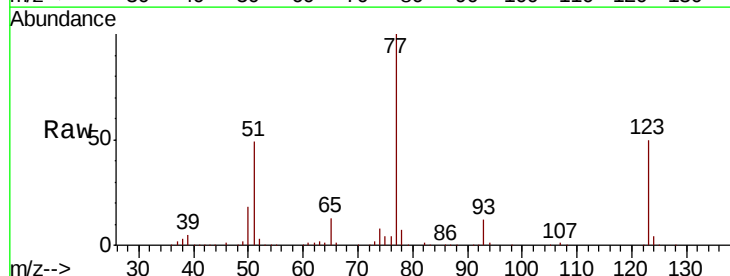
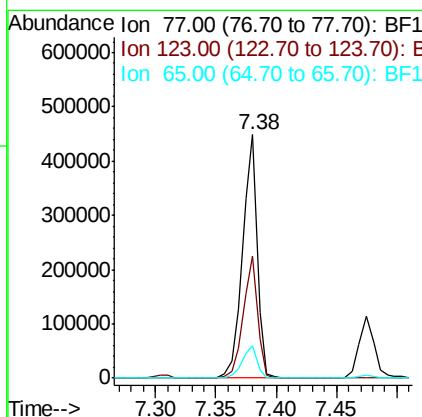
Manual Integrations
 APPROVED

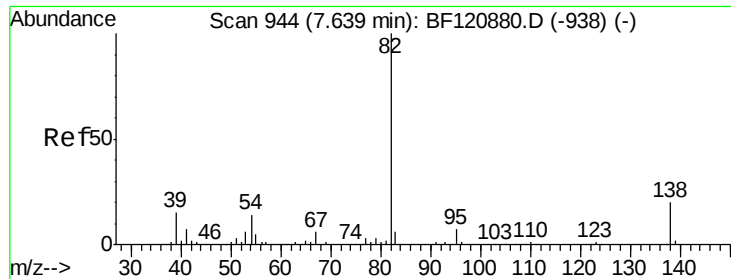
mohammad
 8/7/2020 1:50:37 PM



#24
 Nitrobenzene
 Concen: 41.563 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:	77	Resp:	381161
Ion Ratio	Lower	Upper	
77	100		
123	50.3	41.0	61.6
65	13.4	10.3	15.5





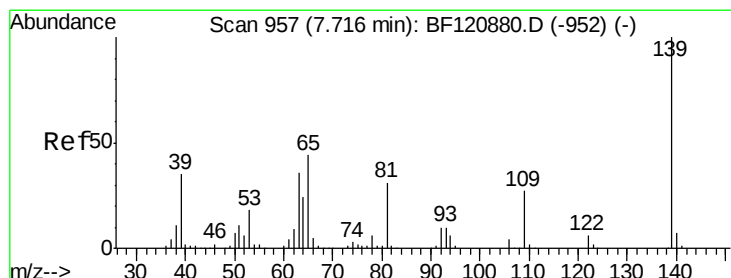
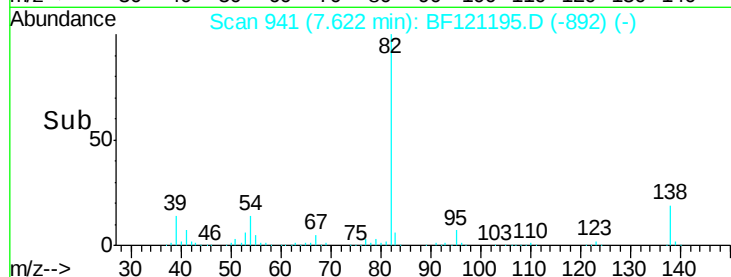
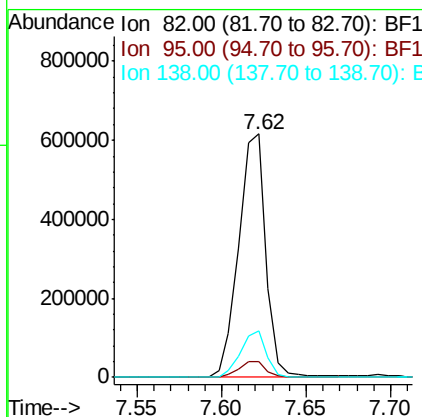
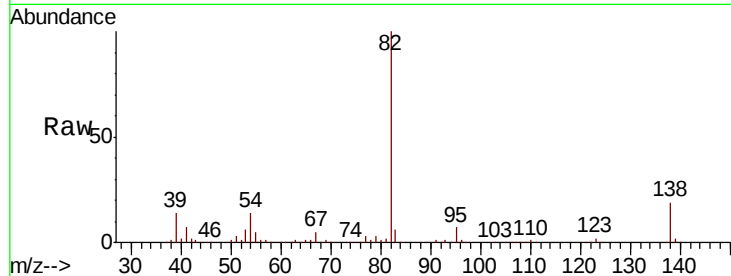
#25
Isophorone
Concen: 40.753 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	692053		
95	6.7		5.5	8.3
138	19.2		16.2	24.2

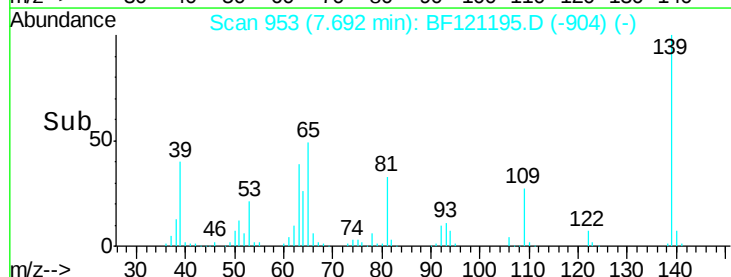
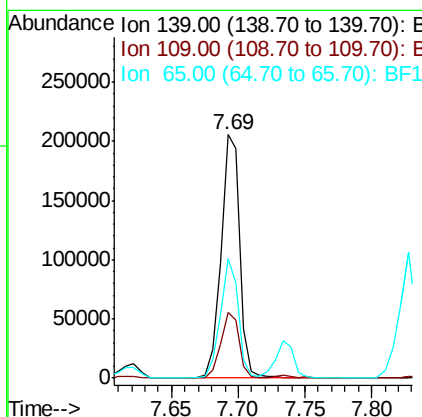
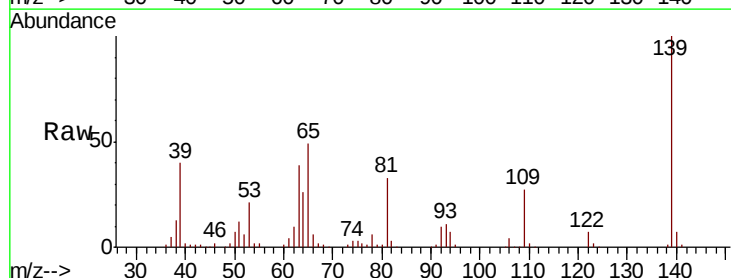
Manual Integrations
APPROVED

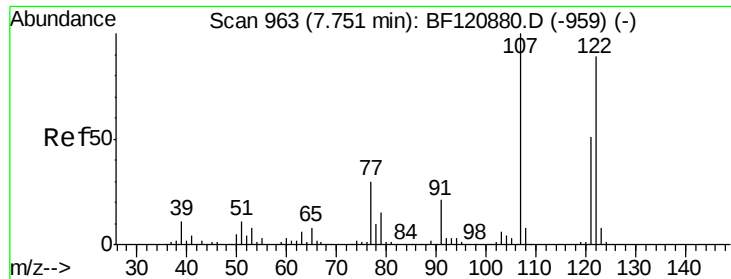
mohammad
8/7/2020 1:50:37 PM



#26
2-Nitrophenol
Concen: 46.970 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	204577		
109	27.2		21.7	32.5
65	49.3		36.3	54.5





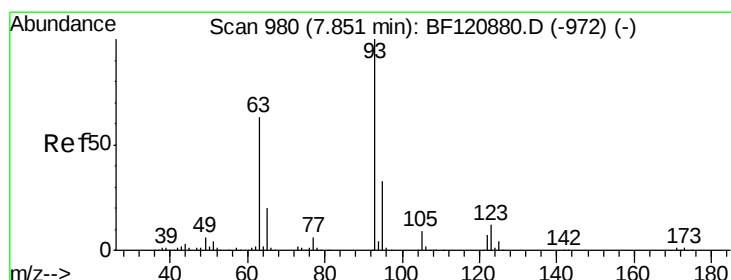
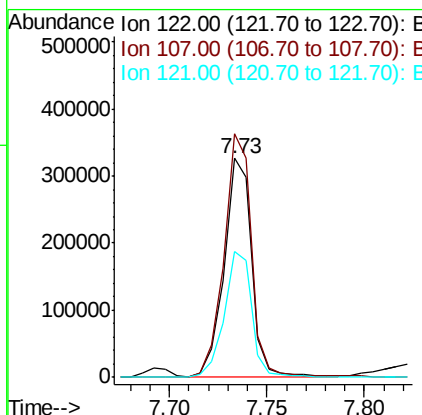
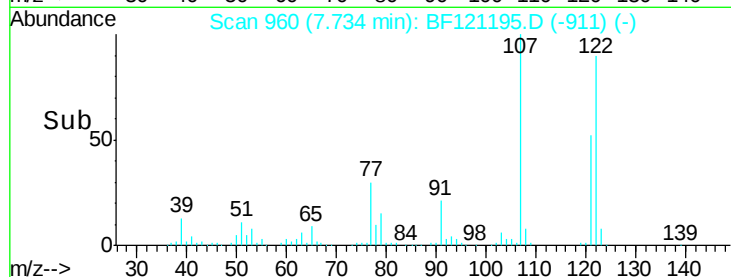
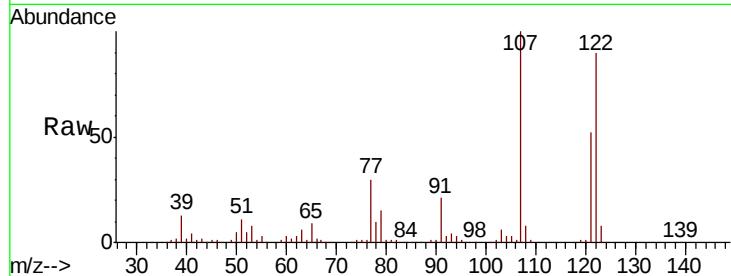
#27
2,4-Dimethylphenol
Concen: 45.114 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	319029		
107	111.2	87.1	130.7	
121	57.7	45.5	68.3	

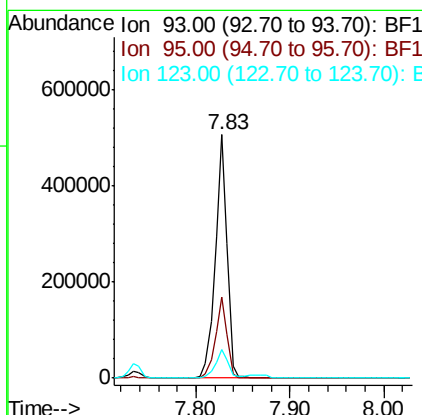
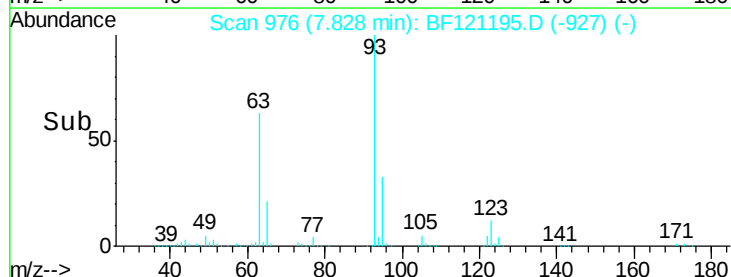
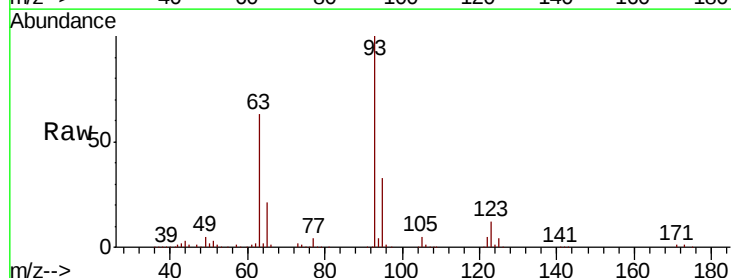
Manual Integrations
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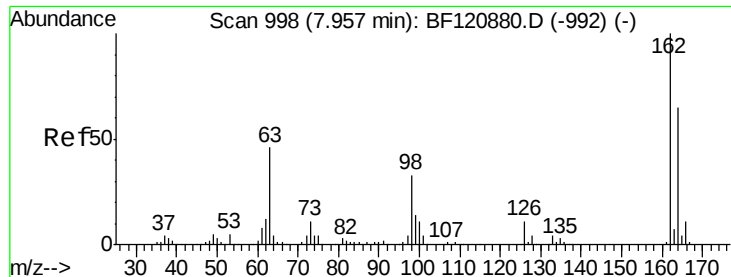
mohammad
8/7/2020 1:50:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.653 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	452499		
95	33.1	26.2	39.4	
123	11.7	9.5	14.3	





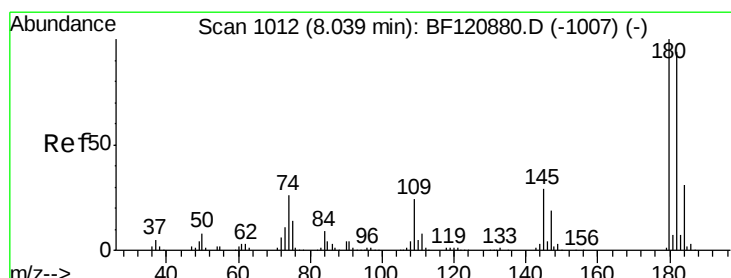
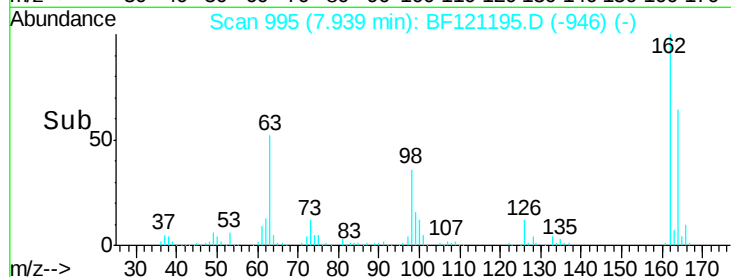
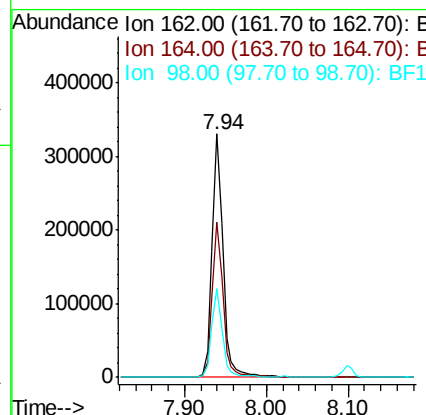
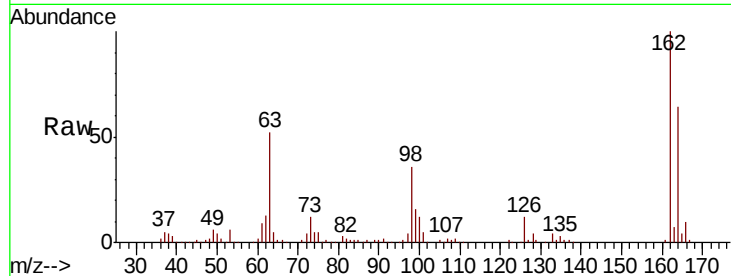
#29
2,4-Dichlorophenol
Concen: 42.662 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.7	84.7
98	36.4	14.2	54.2

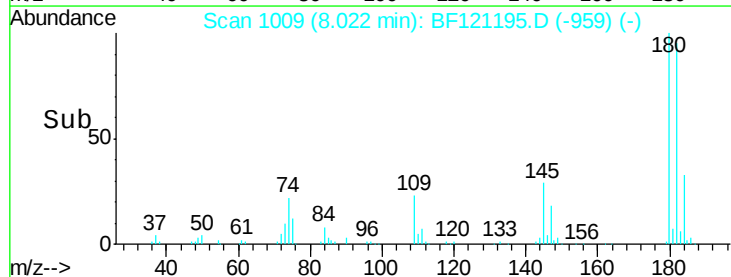
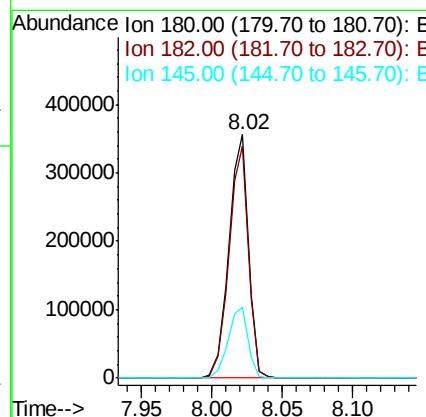
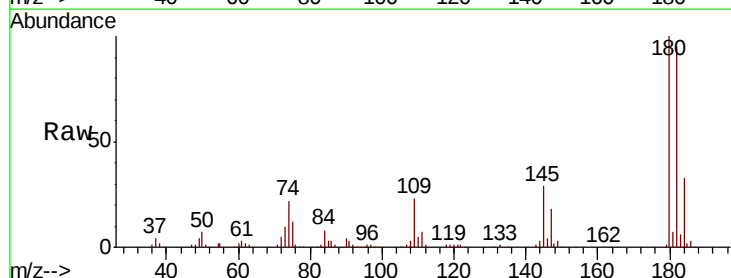
Manual Integrations
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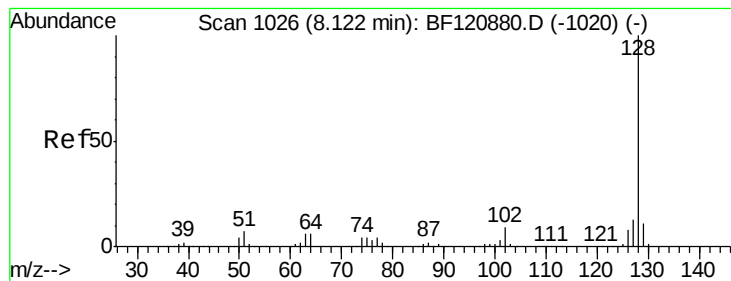
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.451 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	76.4	114.6
145	29.0	24.2	36.4





#31

Naphthalene

Concen: 41.546 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

ClientSampleId :

PB130683BS

Tot Ion:128 Resp: 1049227

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

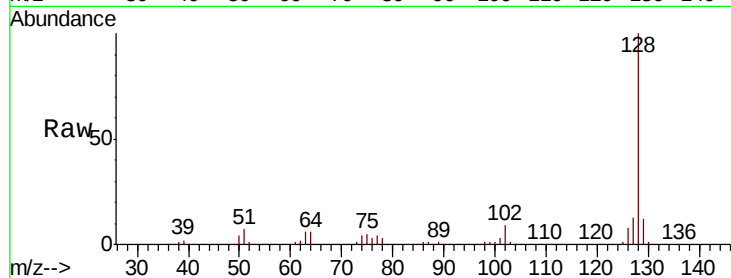
127 13.5 10.8 16.2

Manual Integrations

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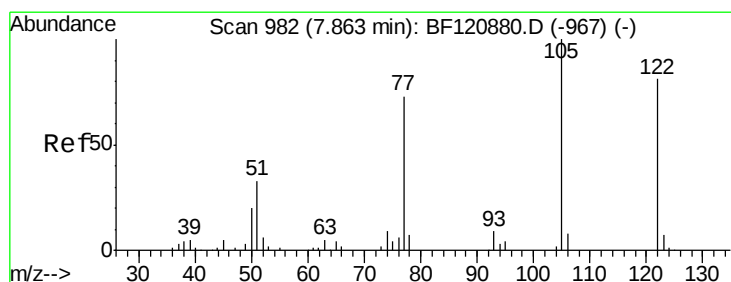
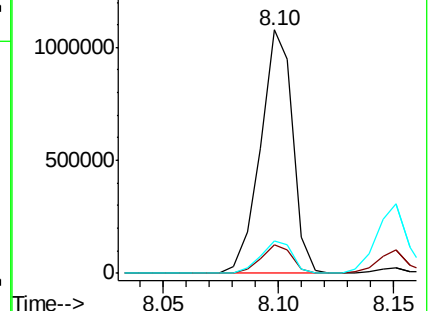
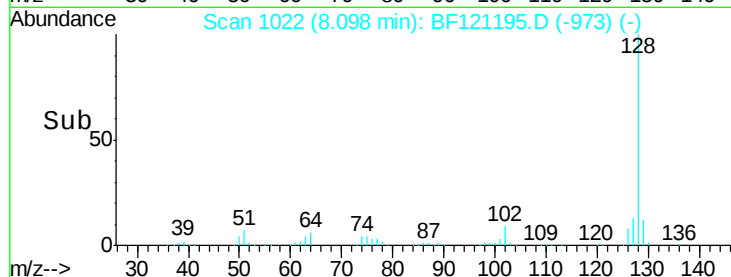
8/7/2020 1:50:37 PM



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: 37.610 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

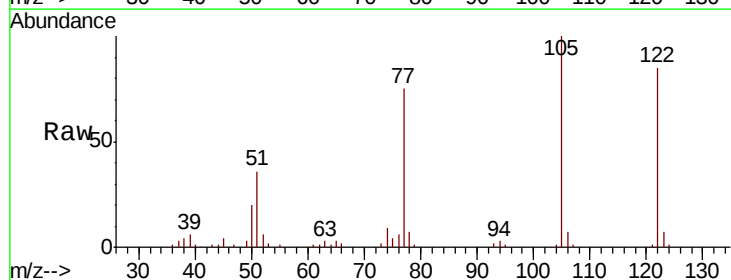
Tgt Ion:122 Resp: 199648

Ion Ratio Lower Upper

122 100

105 117.6 100.9 140.9

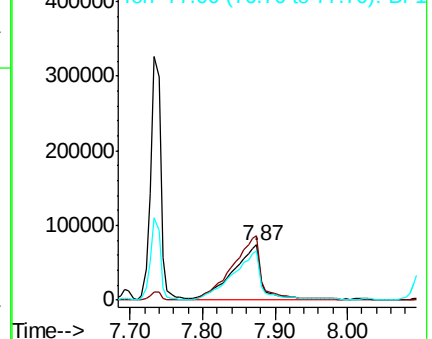
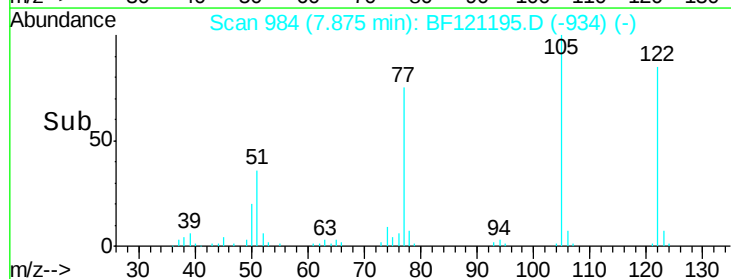
77 88.4 67.8 107.8

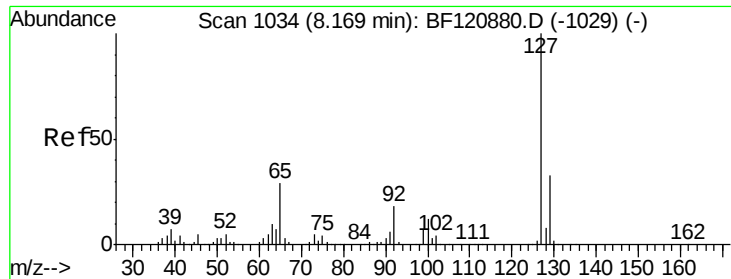


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





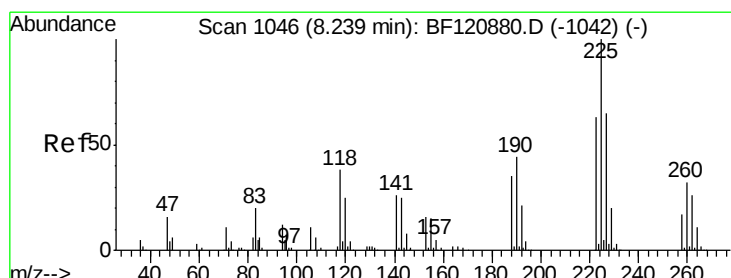
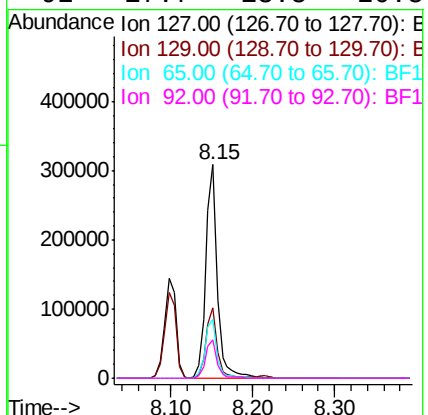
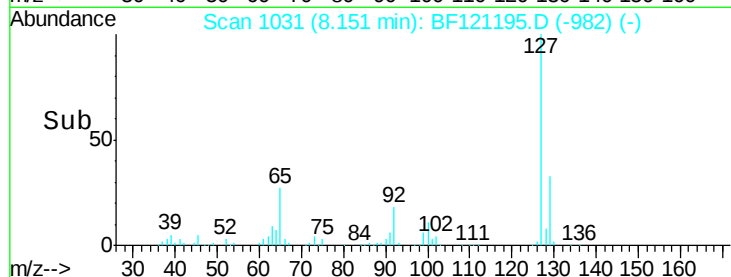
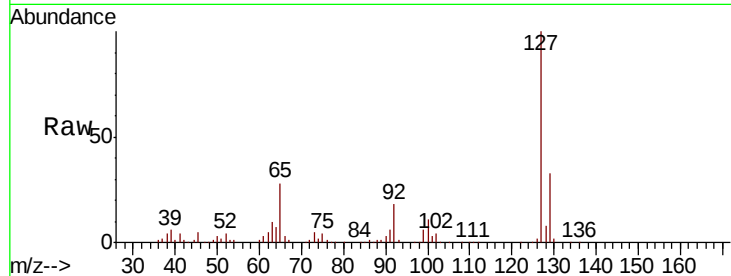
#33
4-Chloroaniline
Concen: 26.977 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.2	39.2	
65	27.8	21.4	32.0	
92	17.7	13.8	20.8	

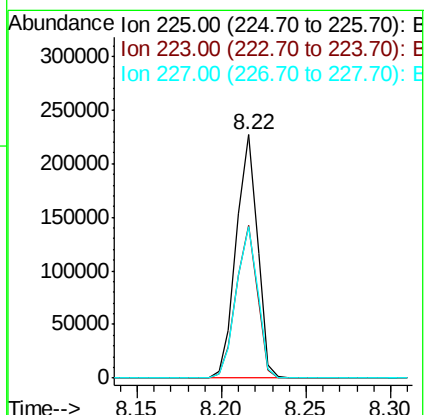
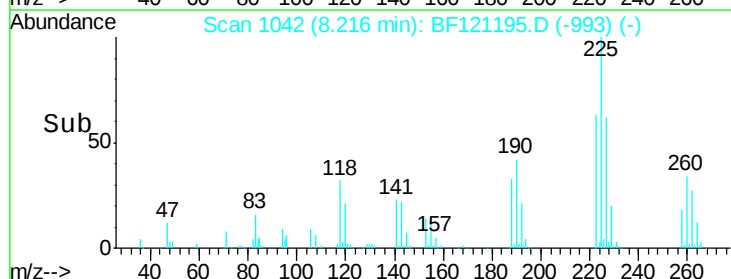
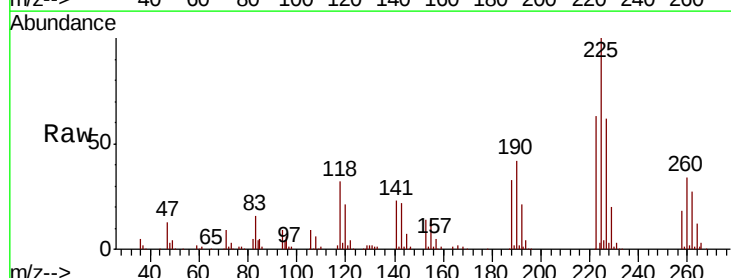
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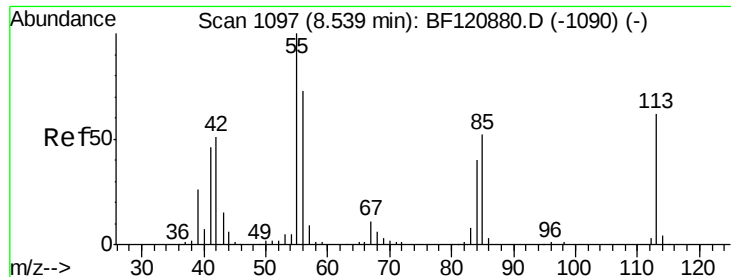
mohammad
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#34
Hexachlorobutadiene
Concen: 42.197 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.7	74.5	
227	62.4	51.4	77.0	





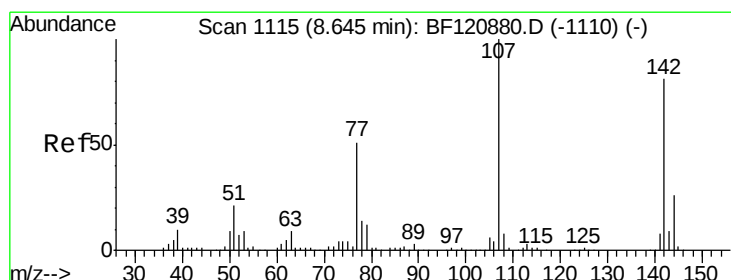
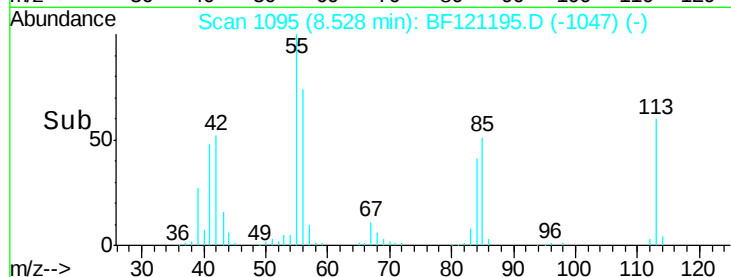
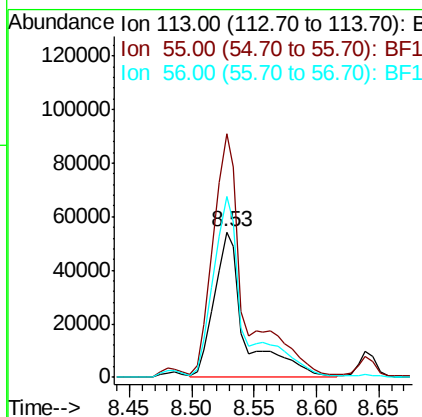
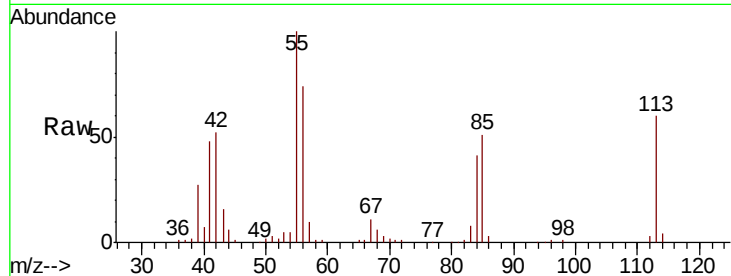
#35
 Caprolactam
 Concen: 40.751 ng/ml
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.2	131.0	171.0
56	124.1	90.4	130.4

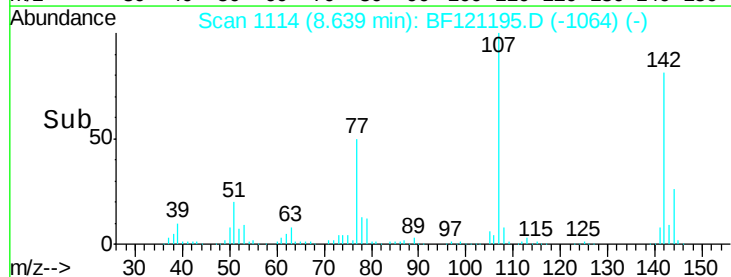
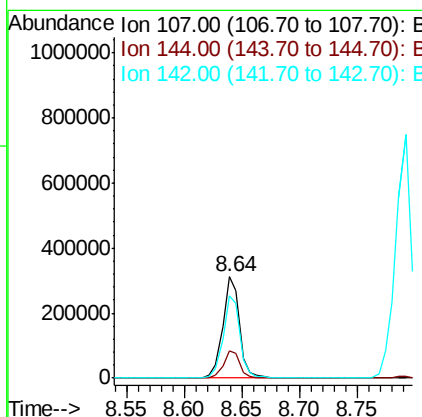
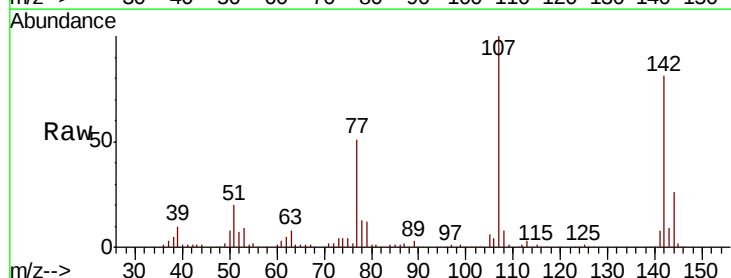
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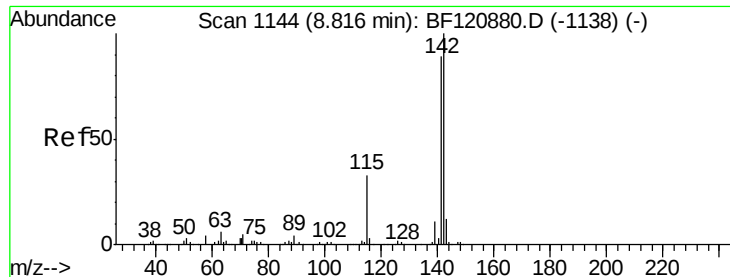
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.506 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.9	31.3
142	80.9	64.5	96.7





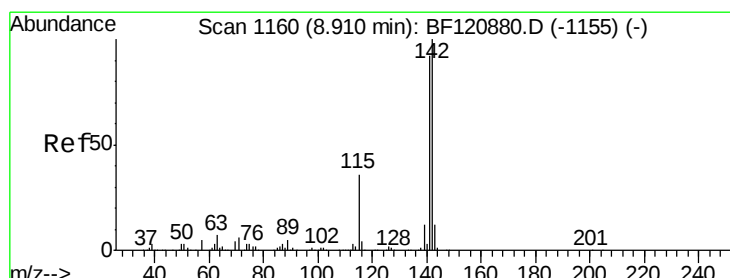
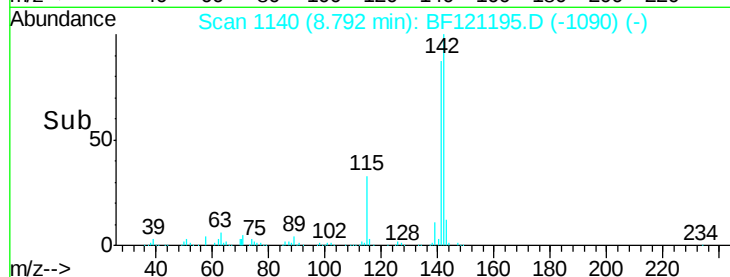
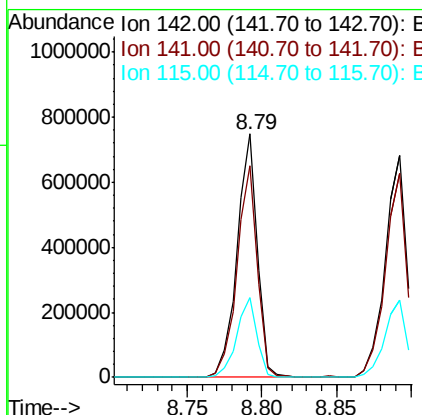
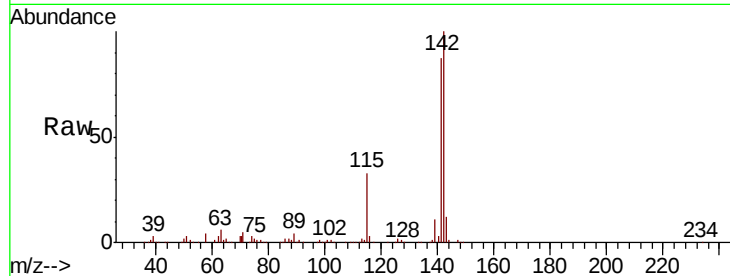
#37
2-Methylnaphthalene
Concen: 43.308 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.6	105.8
115	33.0	27.1	40.7

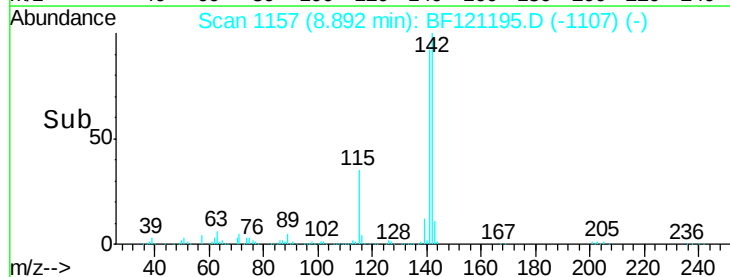
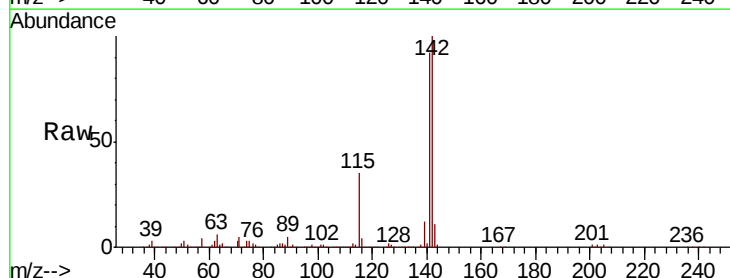
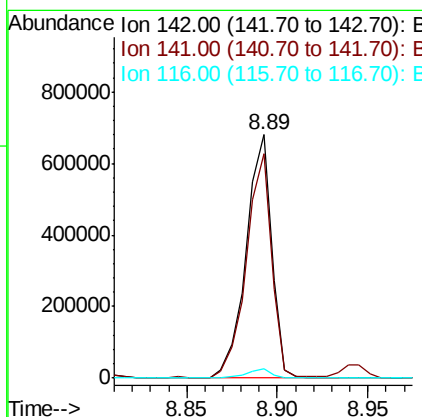
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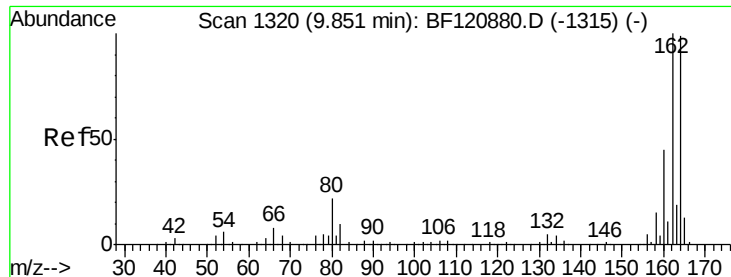
mohammad
8/7/2020 1:50:37 PM



#38
1-Methylnaphthalene
Concen: 42.840 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

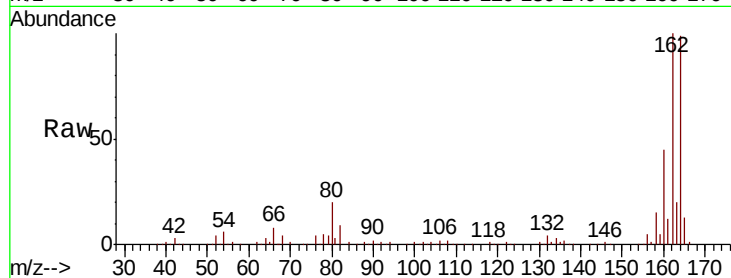
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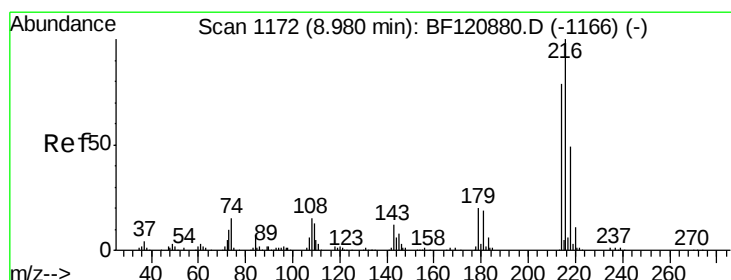
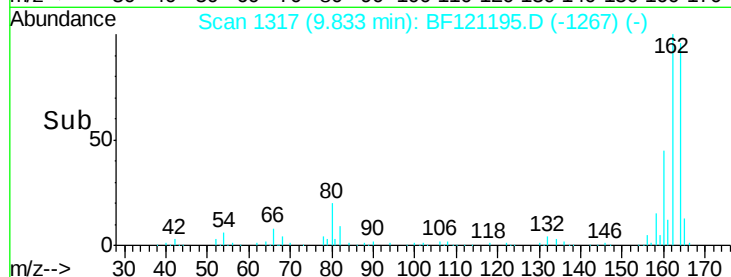
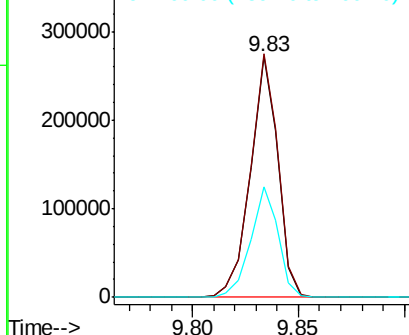
Tot Ion:	164	Resp:	246653
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.2	123.2
160	45.7	37.2	55.8

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.740 ng

RT: 8.96 min Scan# 1168

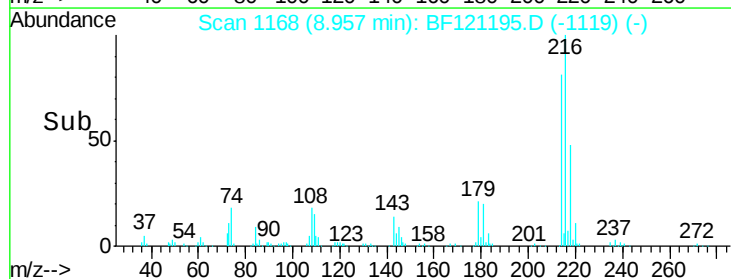
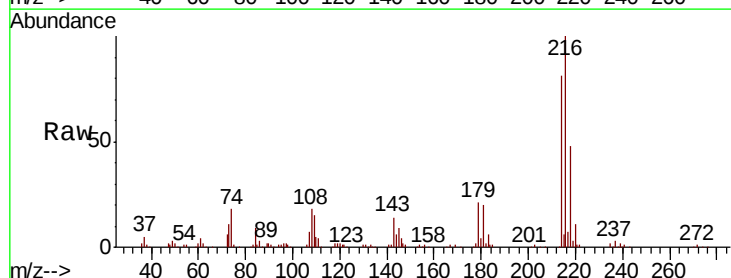
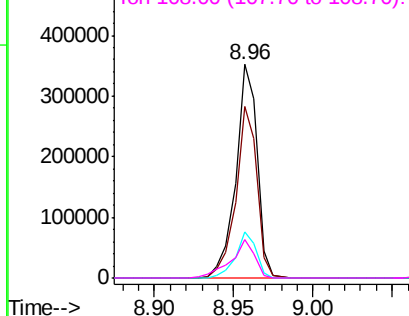
Delta R.T. -0.01 min

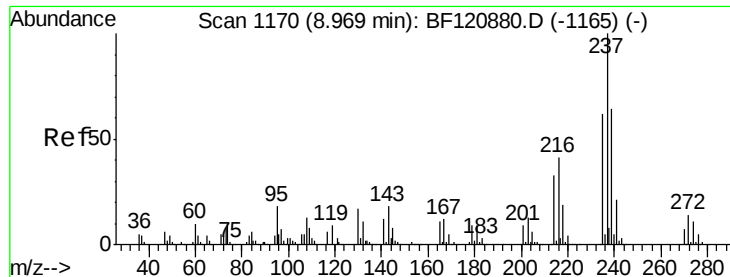
Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	216	Resp:	328706
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.9	95.9
179	20.6	16.6	24.8
108	19.8	15.0	22.4

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.476 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

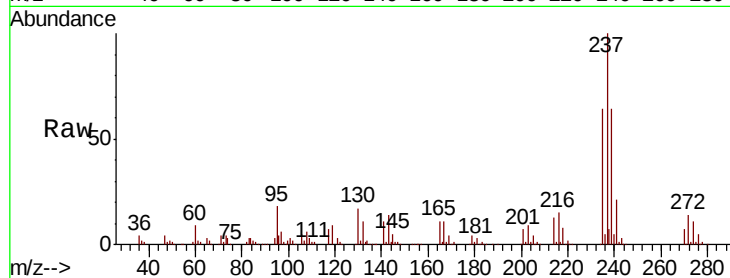
ClientSampleId :

PB130683BS

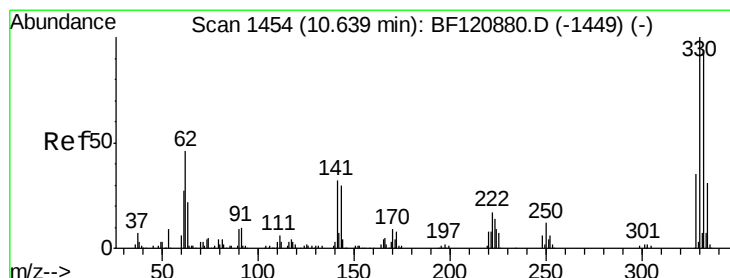
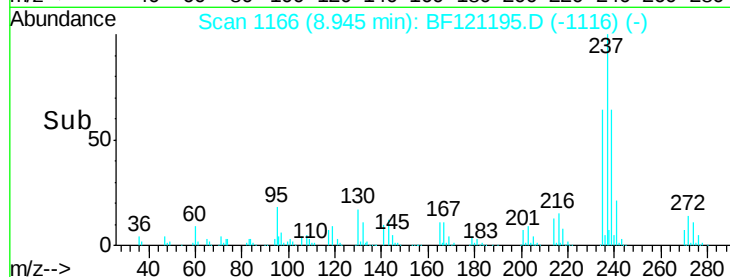
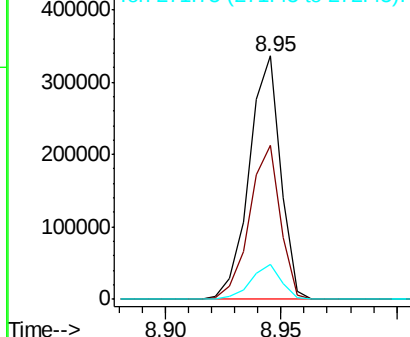
Tot Ion:	237	Resp:	319635
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.2	83.2
272	14.2	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 109.091 ng

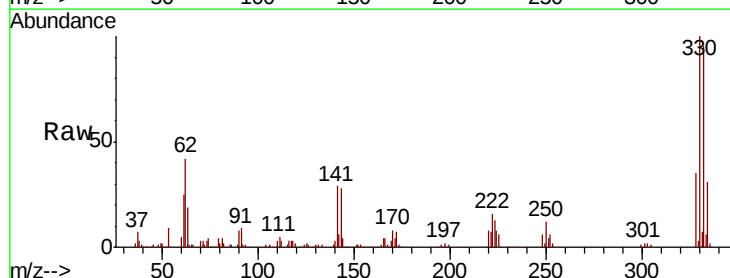
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

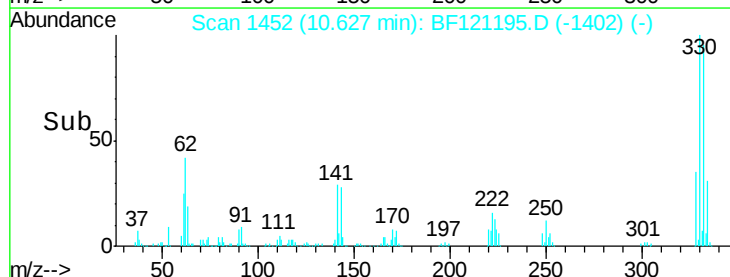
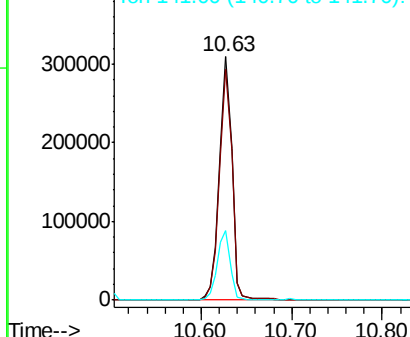
Lab File: BF121195.D

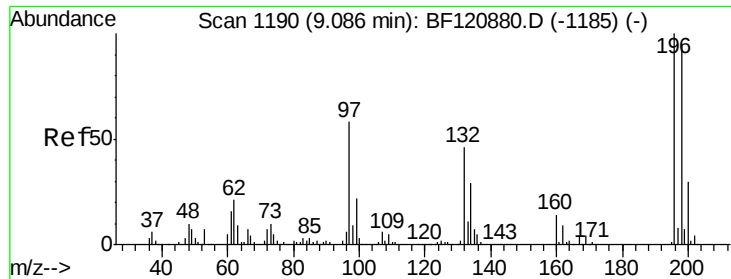
Acq: 6 Aug 2020 10:25

Tgt Ion:	330	Resp:	294531
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.1	114.1
141	29.7	24.1	36.1



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





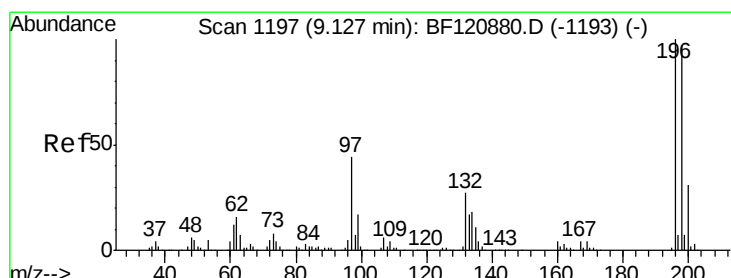
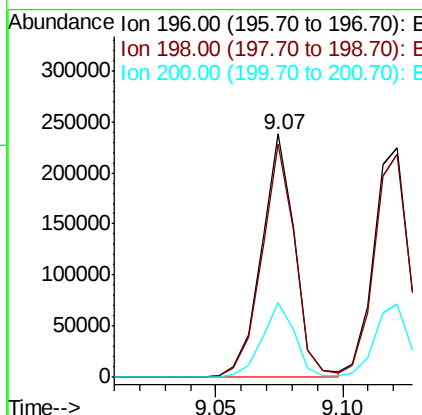
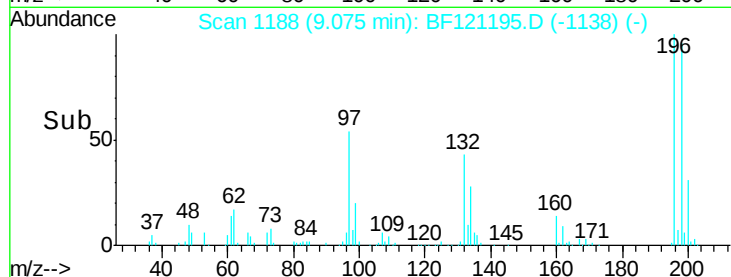
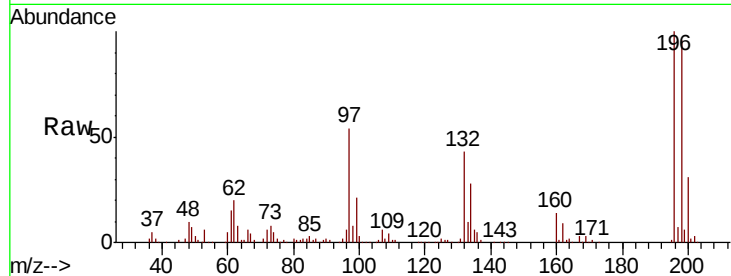
#43
 2,4,6-Trichlorophenol
 Concen: 43.185 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:	196	Resp:	218509
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.5	116.3
200	30.9	24.6	37.0

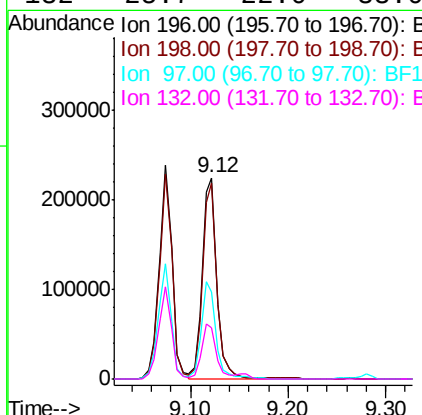
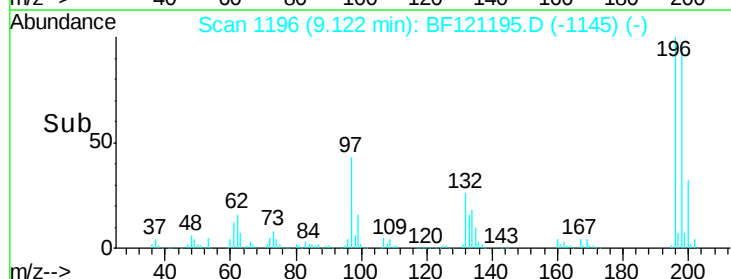
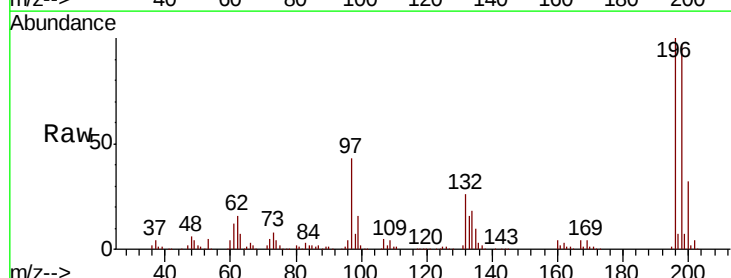
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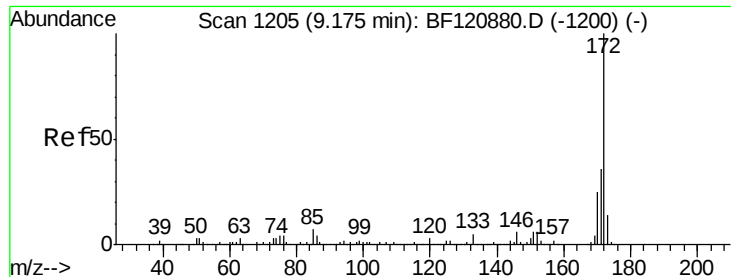
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.316 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:	196	Resp:	231396
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.2	114.4
97	43.3	37.3	55.9
132	25.7	22.0	33.0





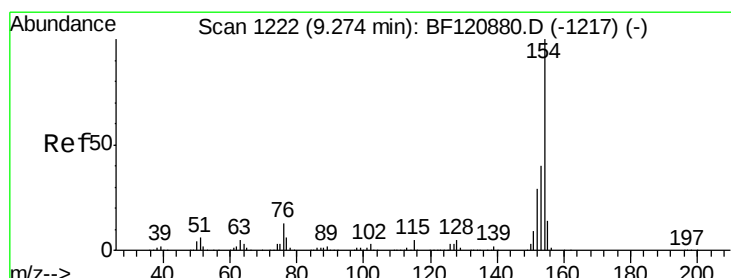
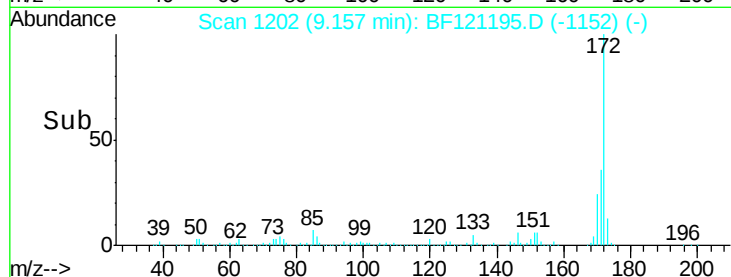
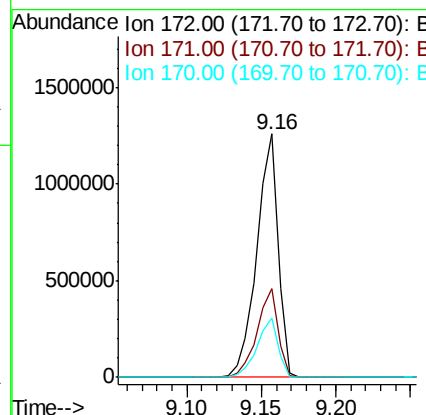
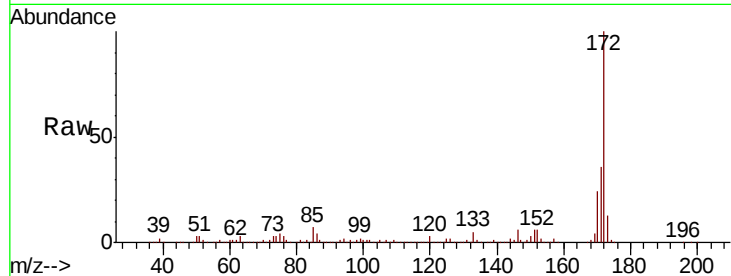
#45
2-Fluorobiphenyl
Concen: 75.021 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.6	29.4

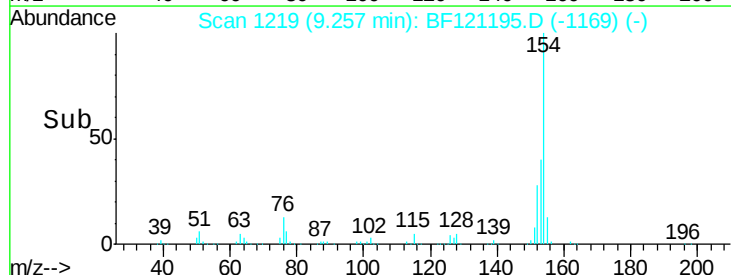
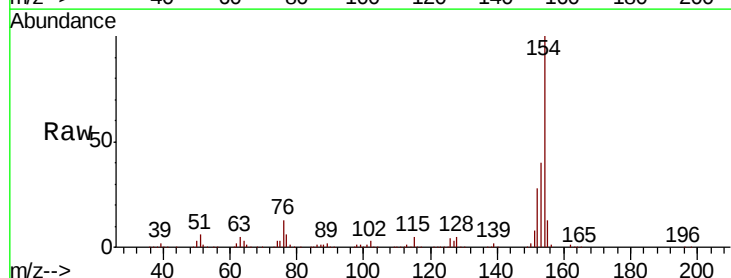
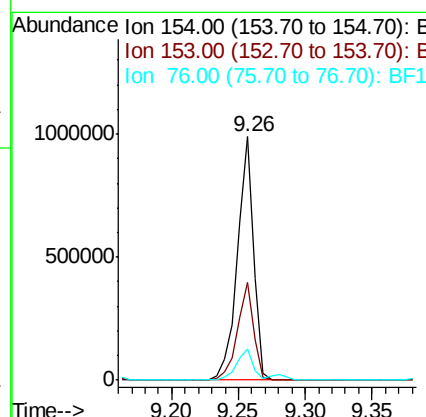
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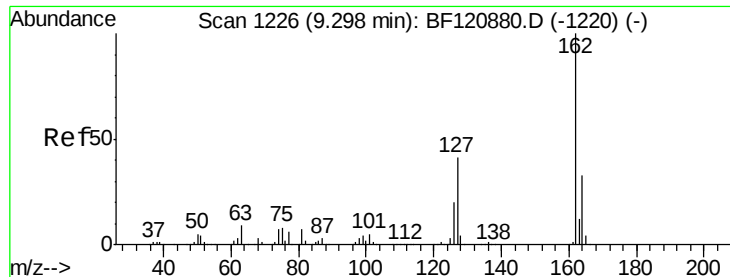
mohammad
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#46
1,1'-Biphenyl
Concen: 45.150 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.7	0.0	33.4





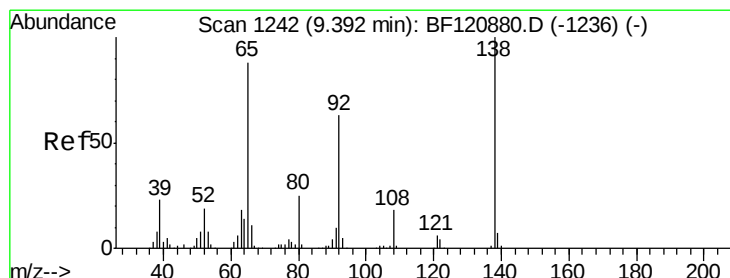
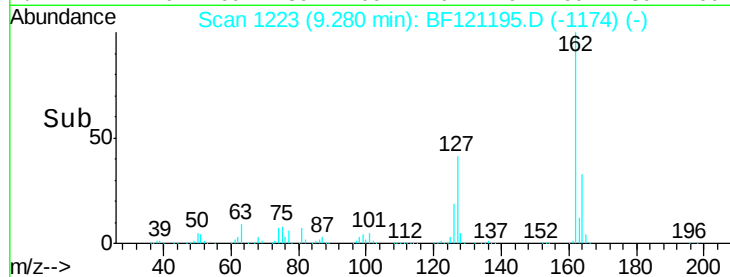
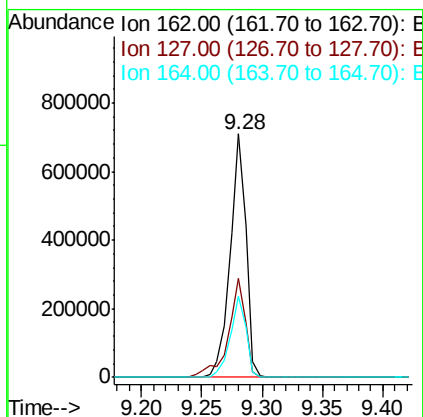
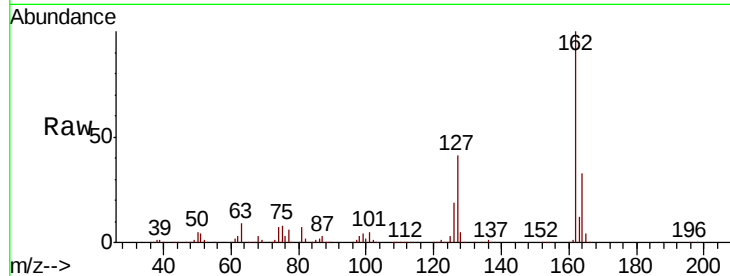
#47
 2-Chloronaphthalene
 Concen: 42.389 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	650242		
127	40.6		31.1	46.7
164	33.2		26.6	40.0

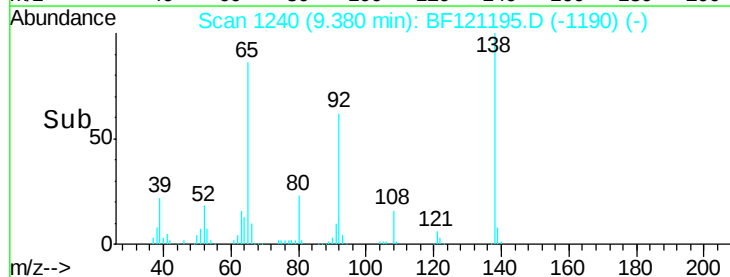
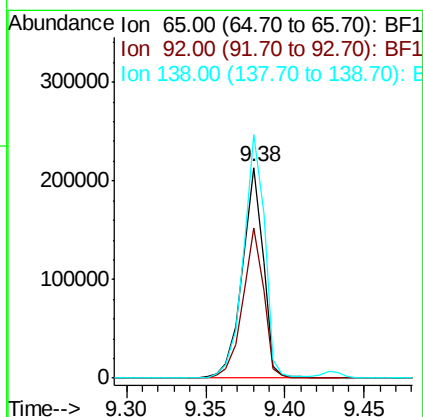
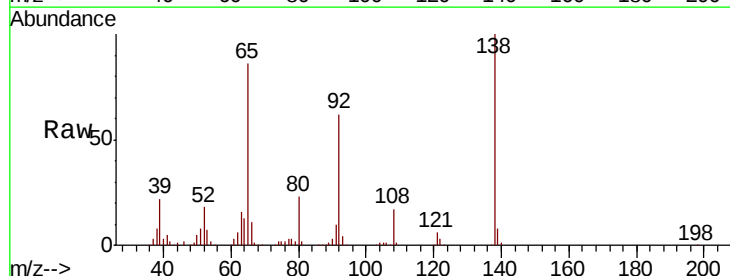
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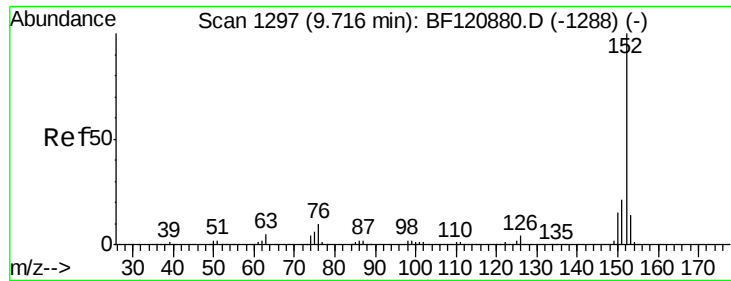
mohammad
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#48
 2-Nitroaniline
 Concen: 42.322 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	196192		
92	71.3		58.0	87.0
138	115.6		93.3	139.9





#49

Acenaphthylene

Concen: 43.145 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

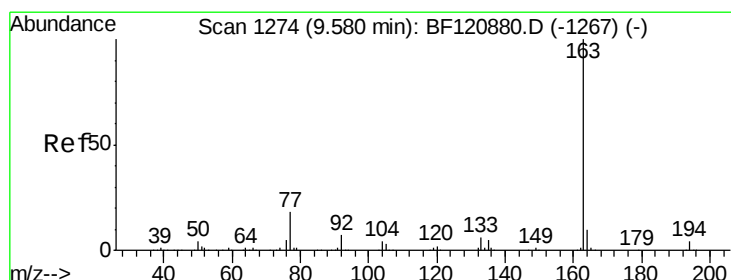
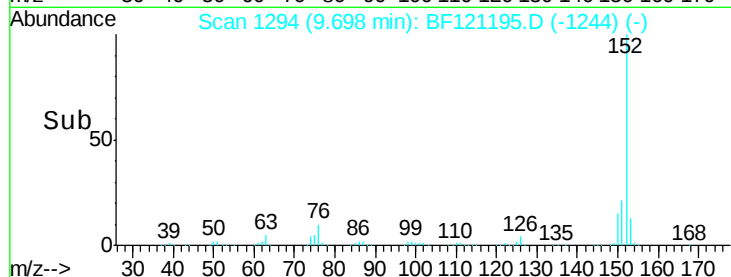
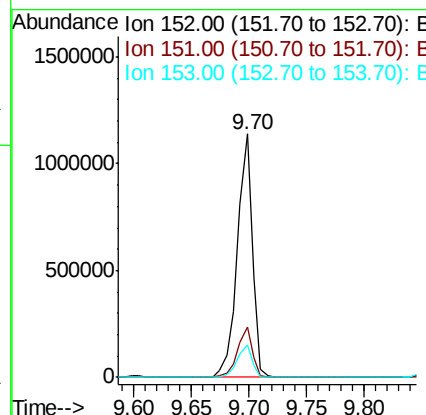
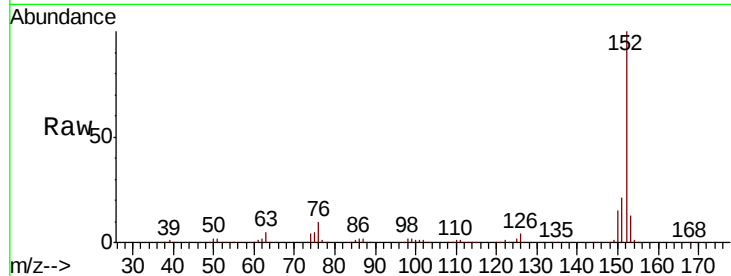
ClientSampleId :

PB130683BS

Tot Ion:	152	Resp:	1028177
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.5	11.0	16.4

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#50

Dimethylphthalate

Concen: 42.805 ng

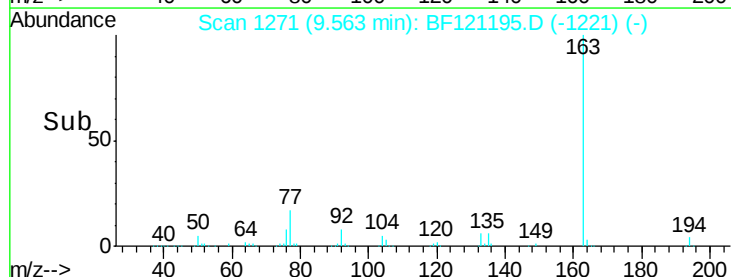
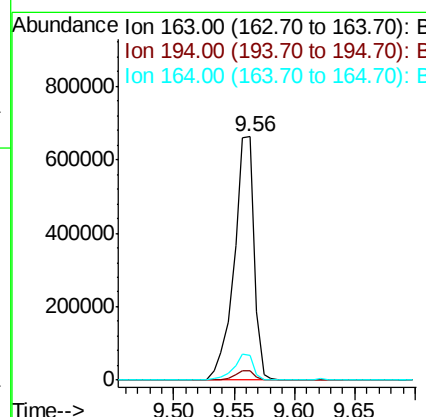
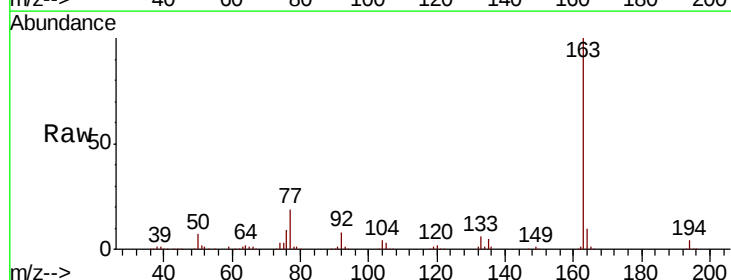
RT: 9.56 min Scan# 1271

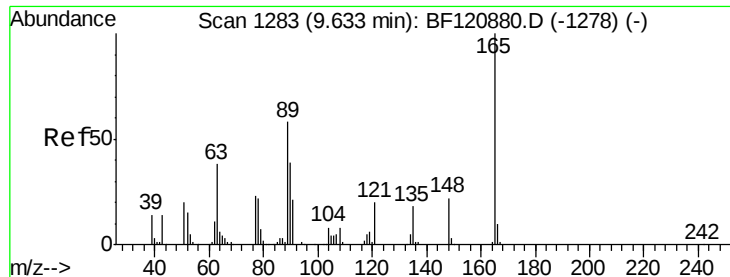
Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	163	Resp:	761688
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.1	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 43.749 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

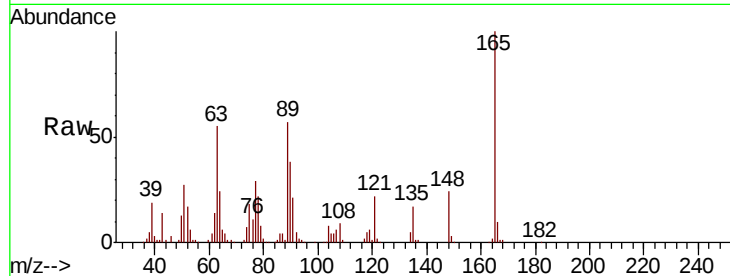
ClientSampleId :

PB130683BS

Tot Ion:	165	Resp:	167253
Ion Ratio	Lower	Upper	
165	100		
63	54.7	41.1	61.7
89	56.8	43.5	65.3

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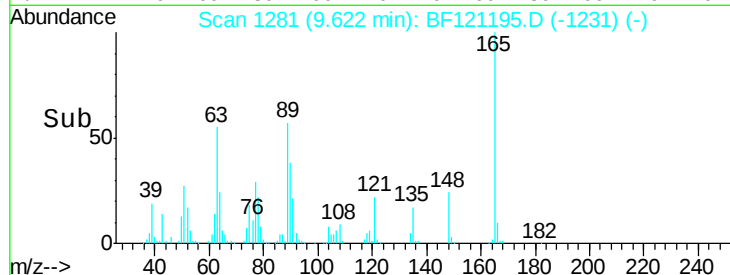


Abundance Ion 165.00 (164.70 to 165.70): E

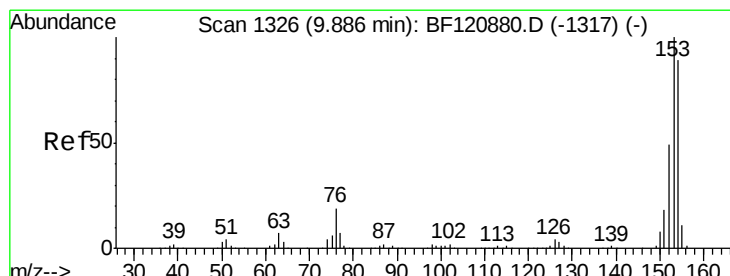
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 39.315 ng

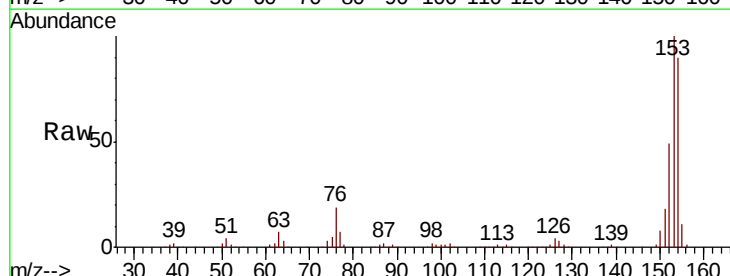
RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	154	Resp:	595646
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.6	134.4
152	54.4	43.8	65.6

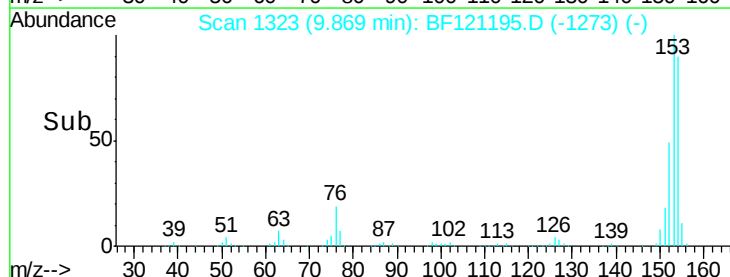


Abundance Ion 154.00 (153.70 to 154.70): E

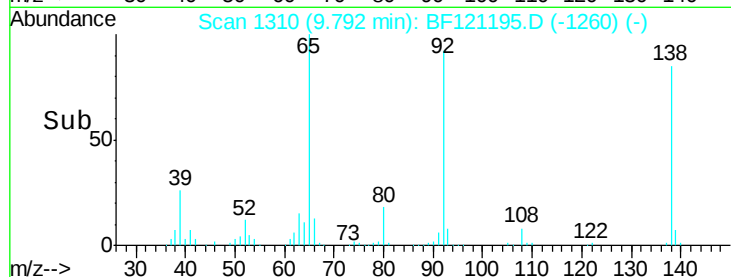
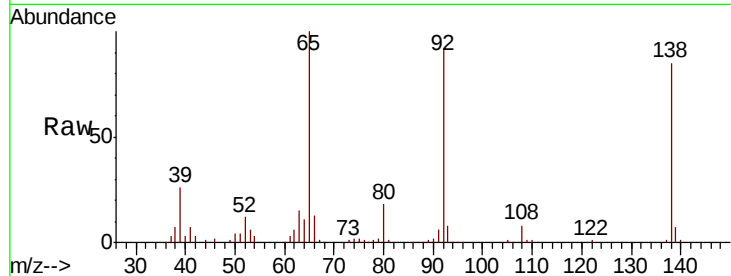
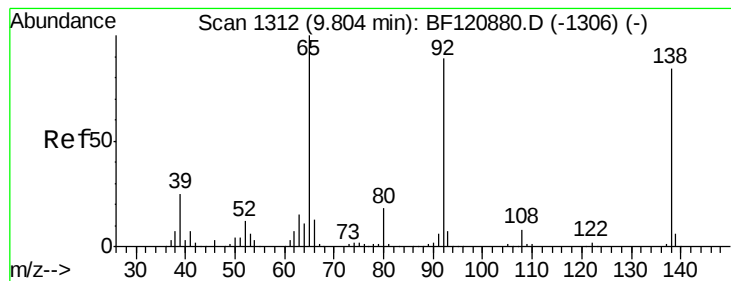
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 26.653 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tot Ion:138	Resp:	127795
Ion Ratio	Lower	Upper
138	100	
108	10.0	7.8 11.8
92	109.3	85.0 127.4

Instrument :

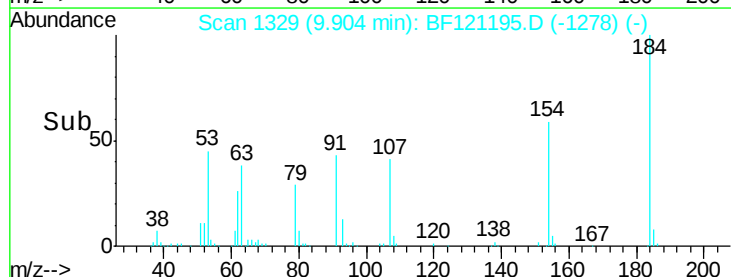
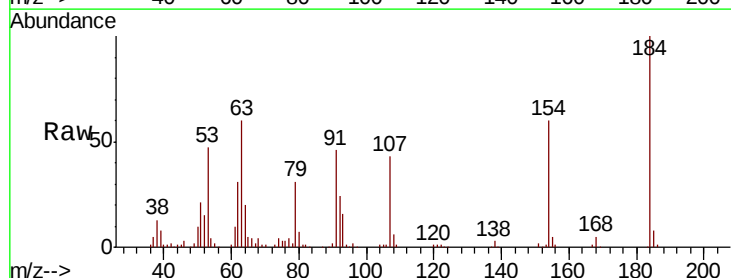
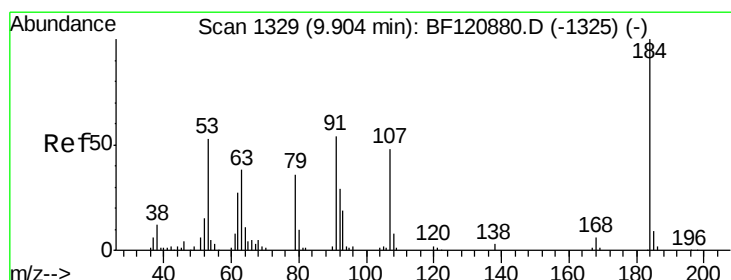
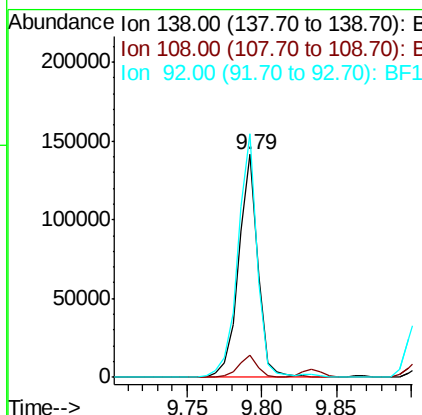
BNA_F

ClientSampleId :

PB130683BS

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#54

2,4-Dinitrophenol

Concen: 74.880 ng

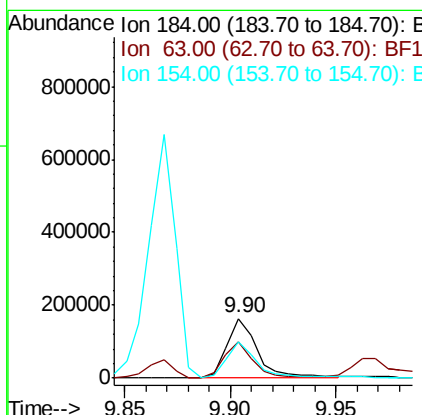
RT: 9.90 min Scan# 1329

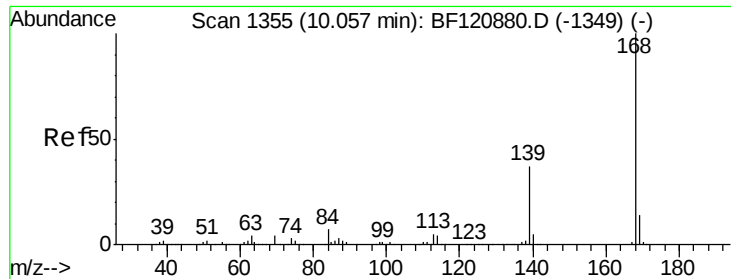
Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:184	Resp:	163721
Ion Ratio	Lower	Upper
184	100	
63	60.3	42.5 63.7
154	59.7	46.8 70.2





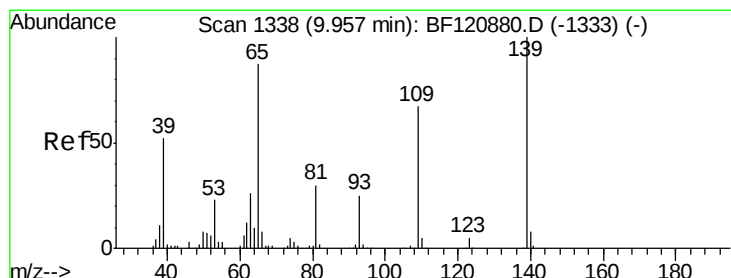
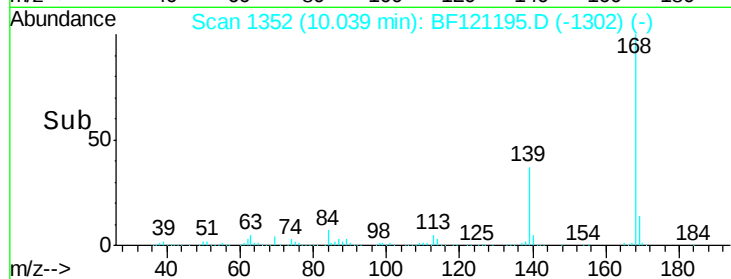
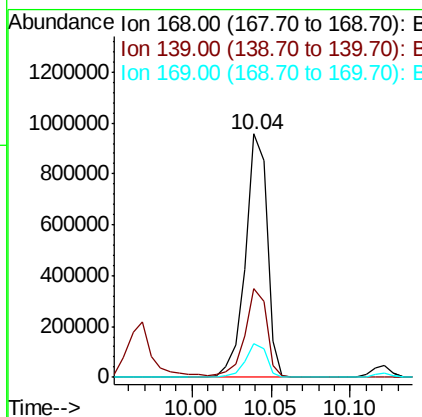
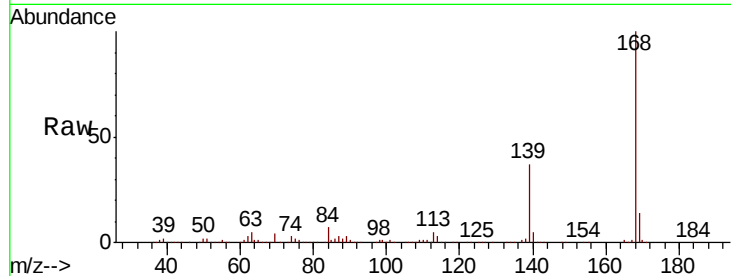
#55
Dibenzofuran
Concen: 41.303 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.5	30.1	45.1	
169	13.8	11.3	16.9	

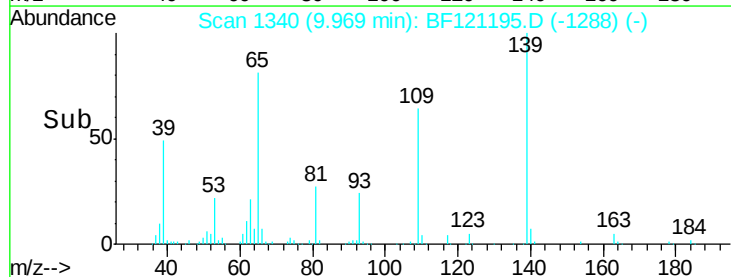
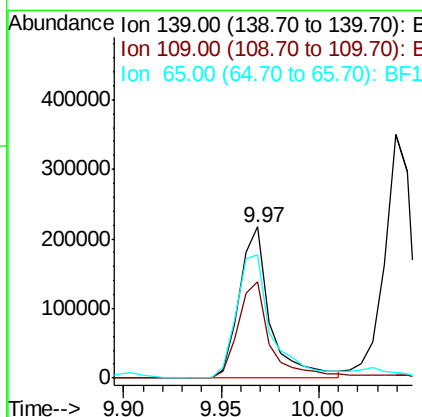
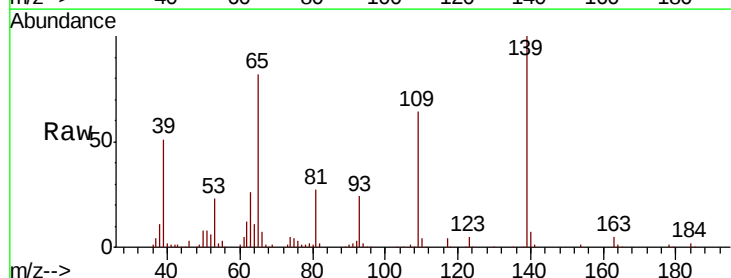
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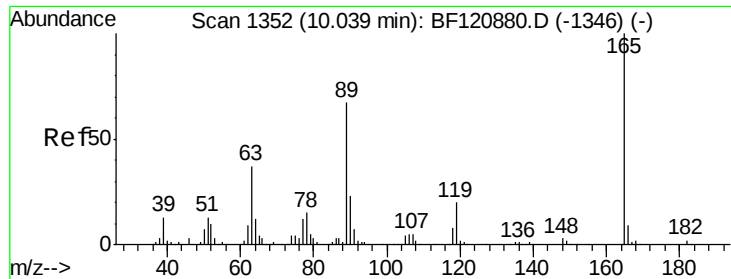
mohammad
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#56
4-Nitrophenol
Concen: 65.753 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.0	44.8	84.8	
65	81.7	65.6	105.6	





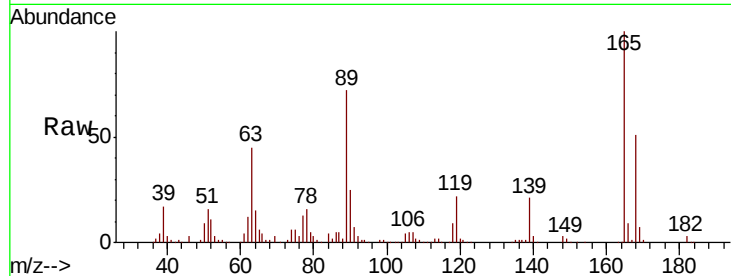
#57
2,4-Dinitrotoluene
Concen: 43.043 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	216091		
63	45.2	29.8	44.8	
89	71.7	50.3	75.5	
182	2.5	2.1	3.1	

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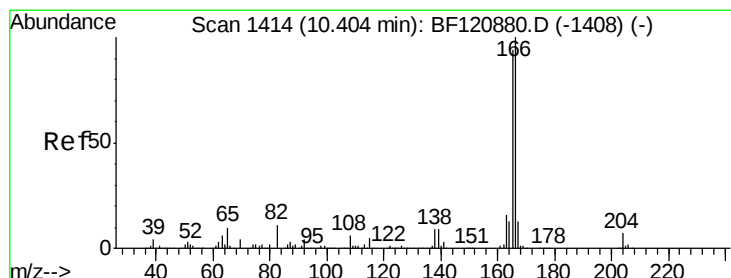
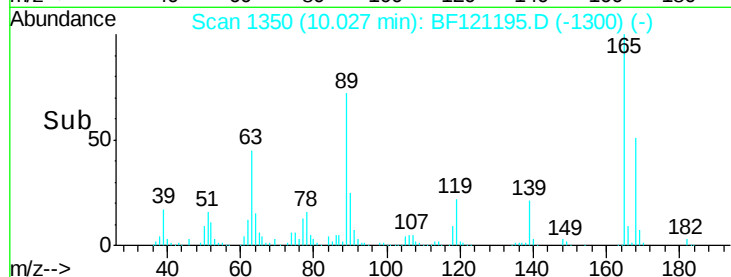
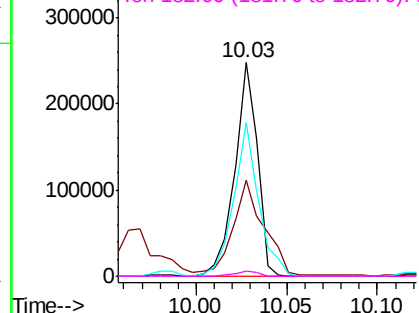


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

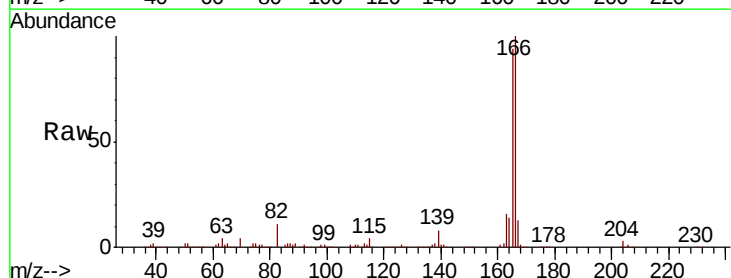
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.513 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

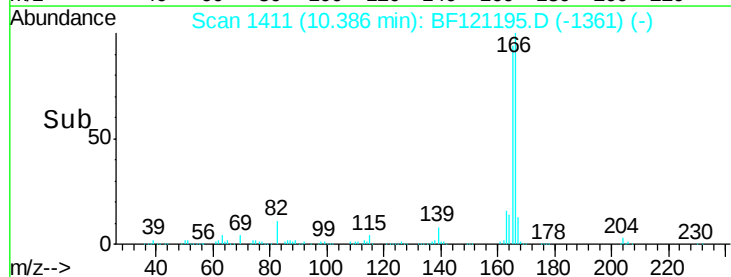
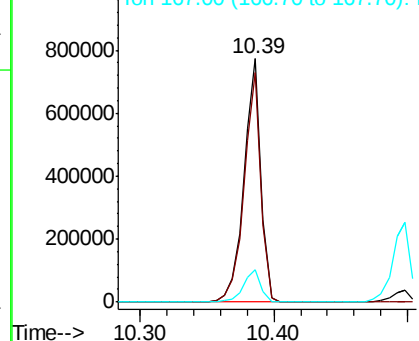
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	678346		
165	94.2	76.4	114.6	
167	13.3	10.7	16.1	

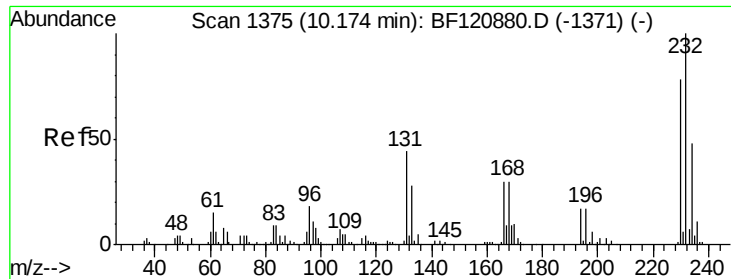


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





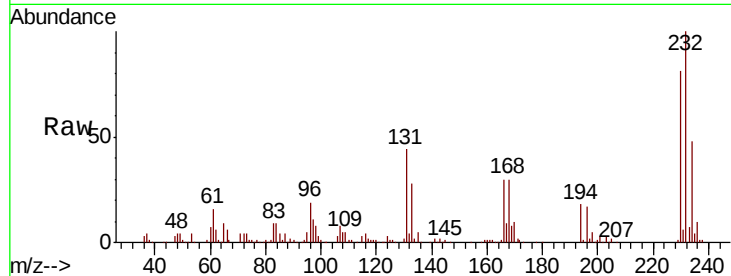
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.736 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		195496		
131	42.6	34.2	51.2		
130	2.1	1.7	2.5		
166	28.3	23.1	34.7		

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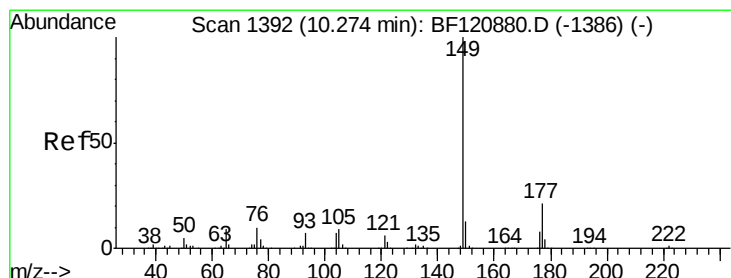
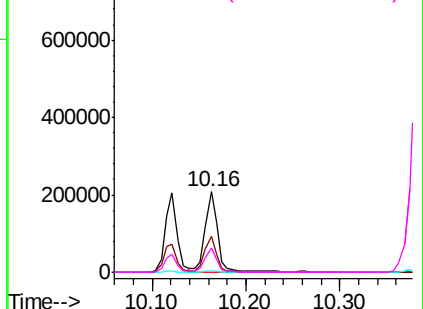
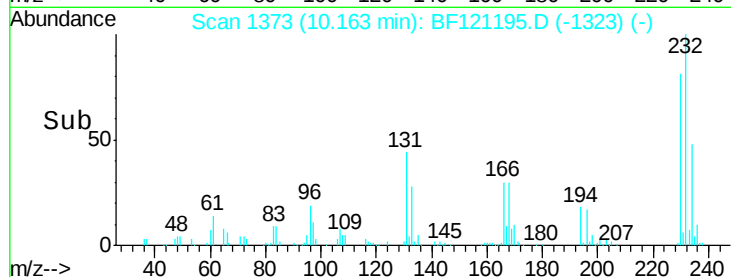
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

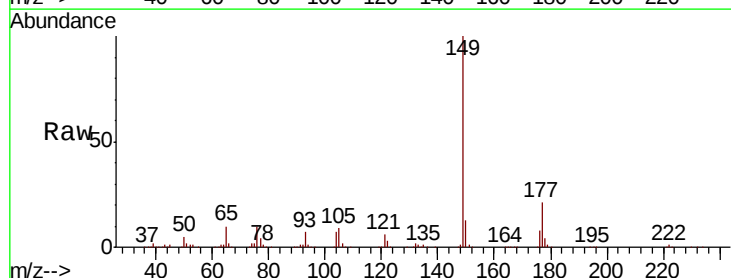
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.812 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		752556		
177	21.1	17.6	26.4		
150	12.8	10.2	15.4		

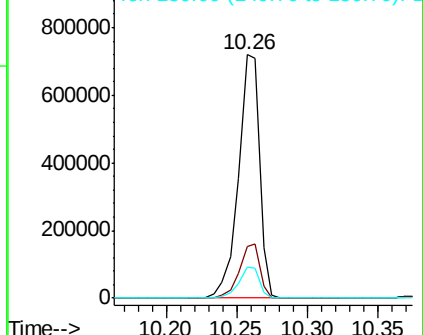
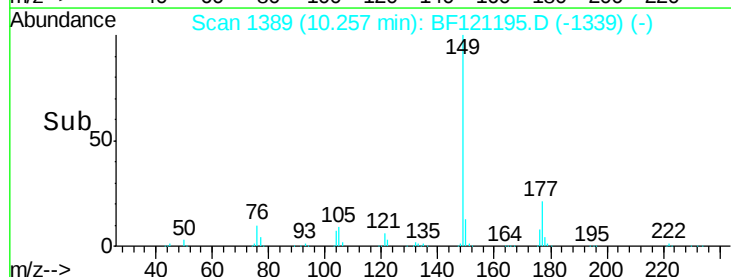


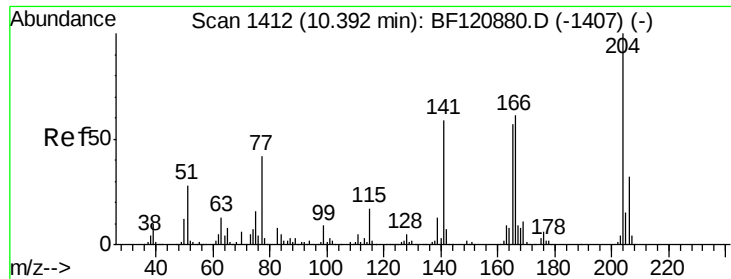
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





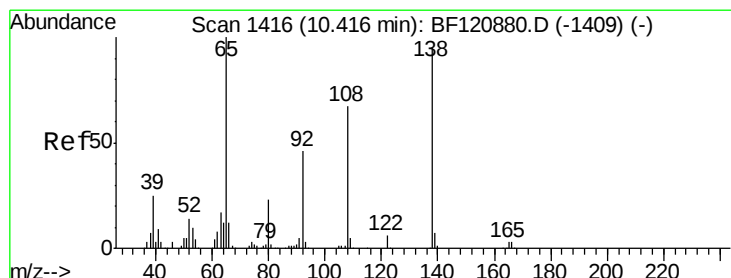
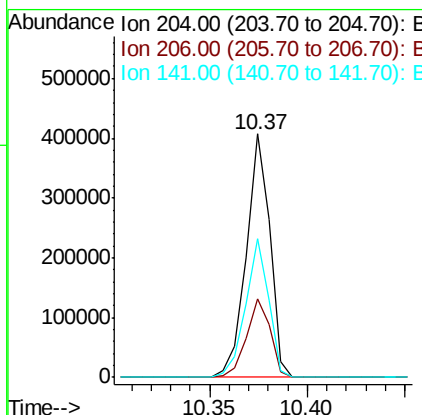
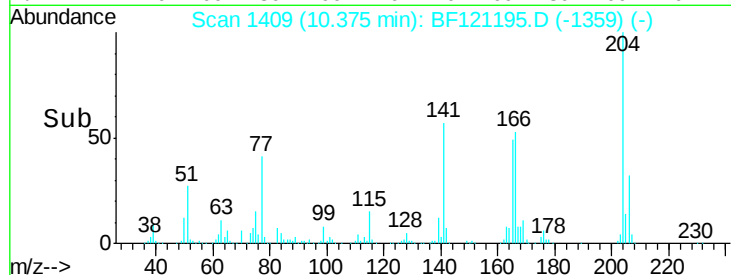
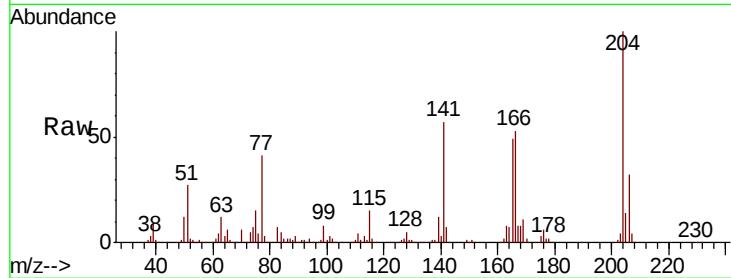
#61
 4-Chlorophenyl-phenylether
 Concen: 39.110 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleID :
 PB130683BS

Tot Ion:	204	Resp:	340870
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.0	39.0
141	57.1	46.9	70.3

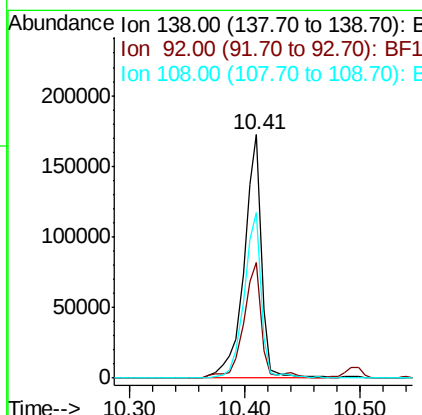
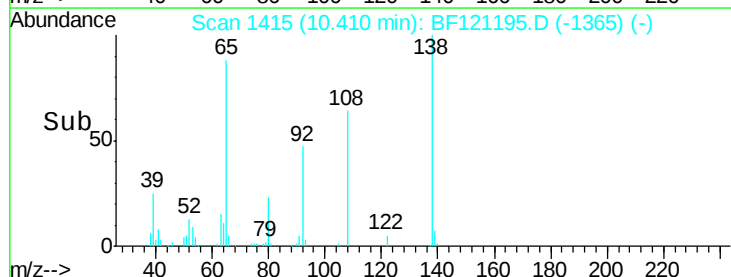
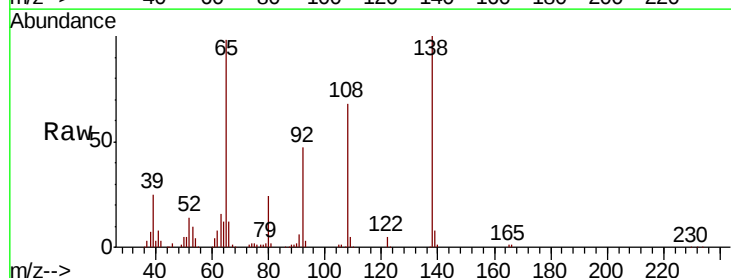
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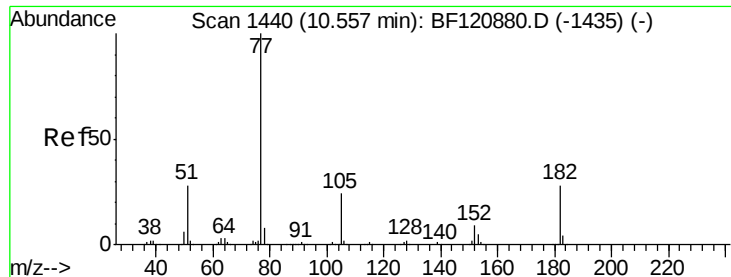
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#62
 4-Nitroaniline
 Concen: 38.690 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:	138	Resp:	180704
Ion Ratio	Lower	Upper	
138	100		
92	47.4	25.2	65.2
108	68.2	46.7	86.7





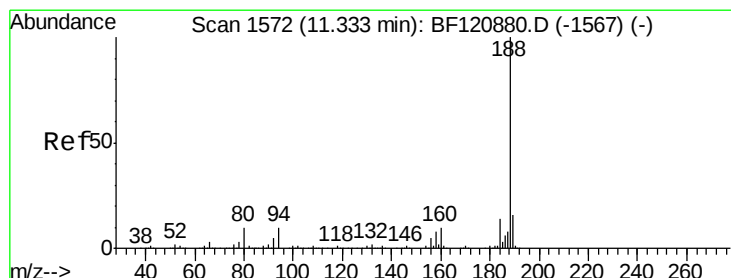
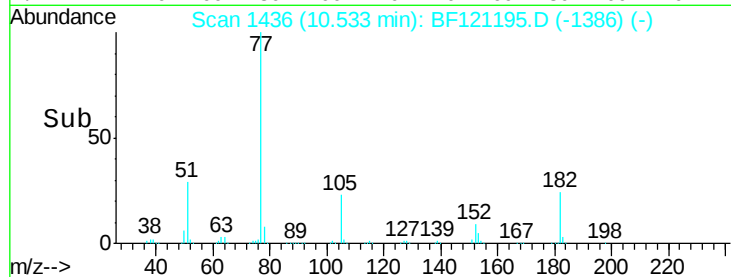
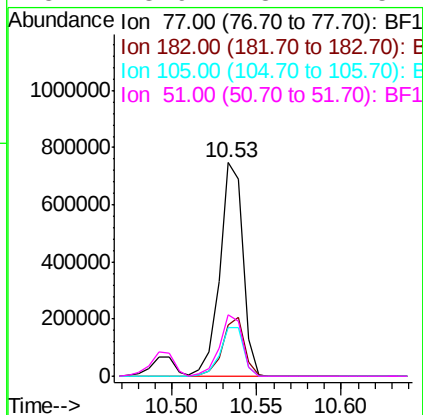
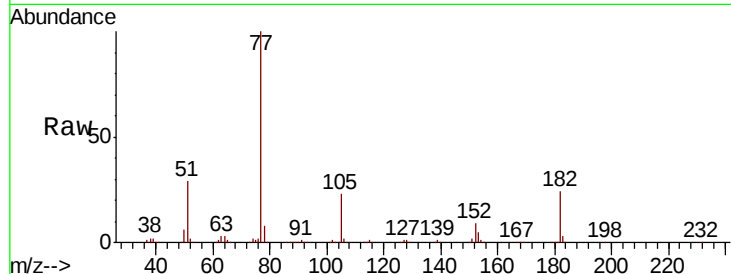
#63
Azobenzene
Concen: 41.506 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.5	44.5
105	23.1	3.4	43.4
51	28.9	8.7	48.7

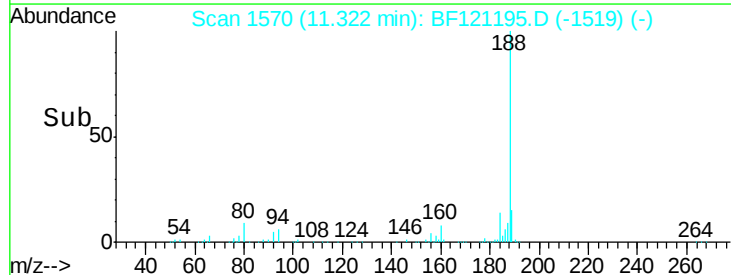
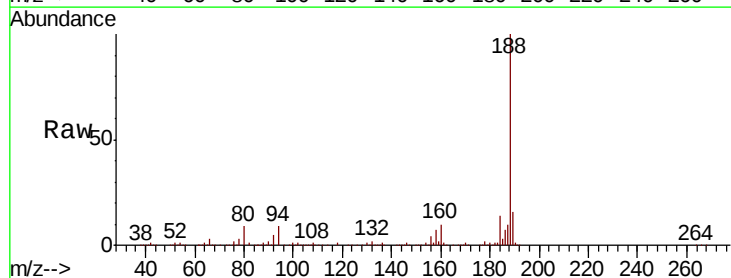
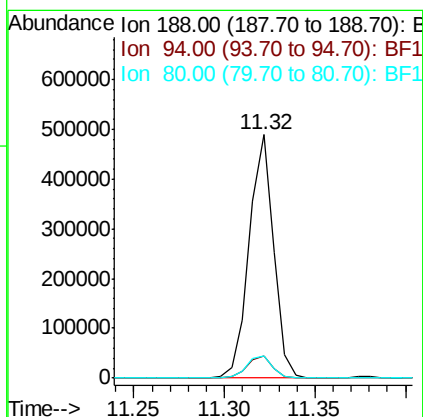
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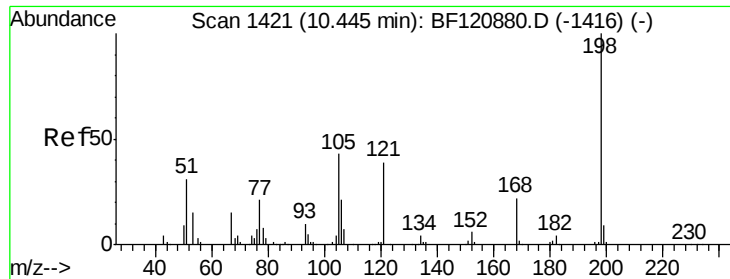
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.2	8.3	12.5





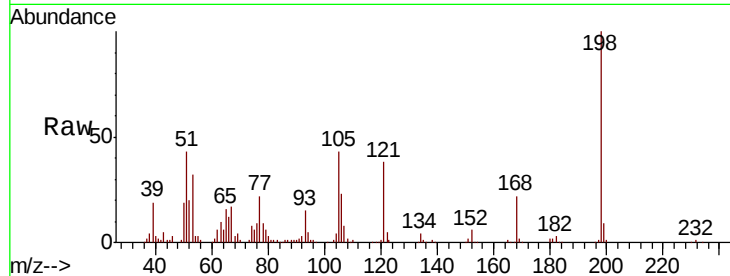
#65
4,6-Dinitro-2-methylphenol
Concen: 45.349 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119492		
51	43.0	23.4	63.4	
105	43.5	23.7	63.7	

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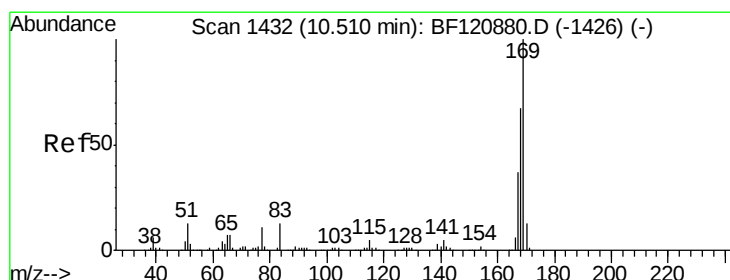
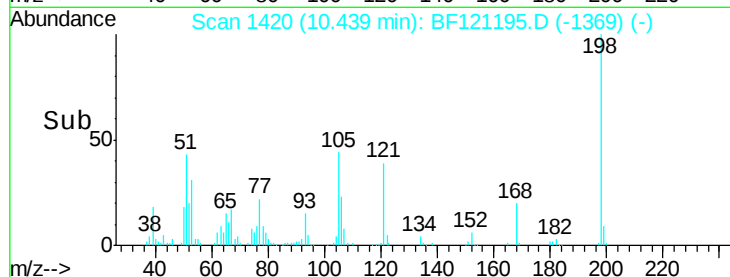
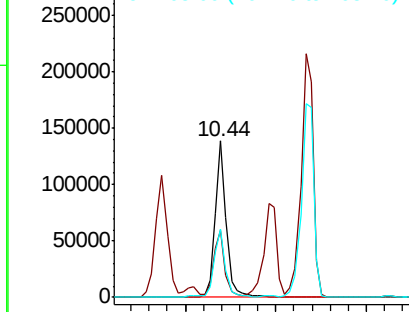


Abundance

Ion 198.00 (197.70 to 198.70): E

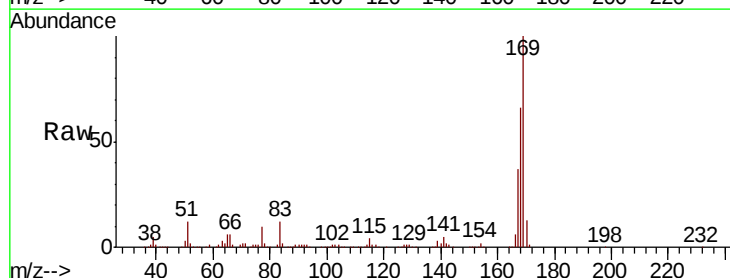
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.973 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	633004		
168	66.3	53.7	80.5	
167	37.2	30.0	45.0	

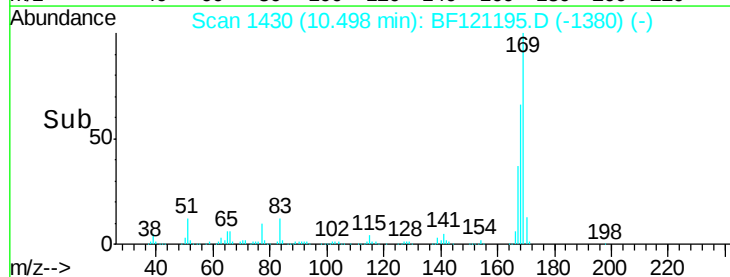
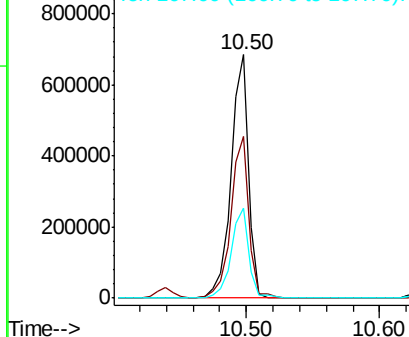


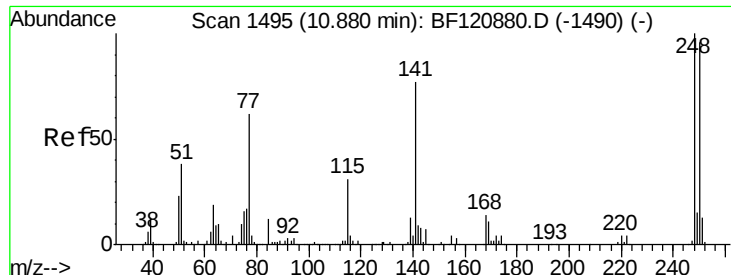
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





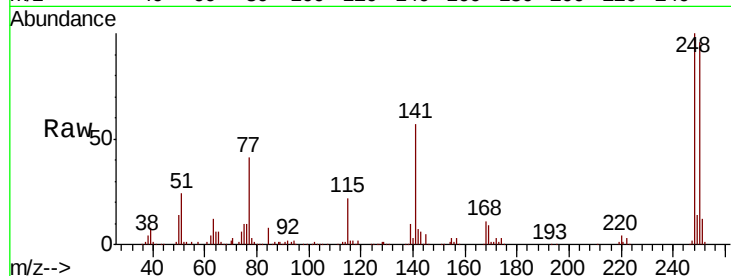
#67
4-Bromophenyl-phenylether
Concen: 43.680 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.6
141	57.0	56.6	85.0

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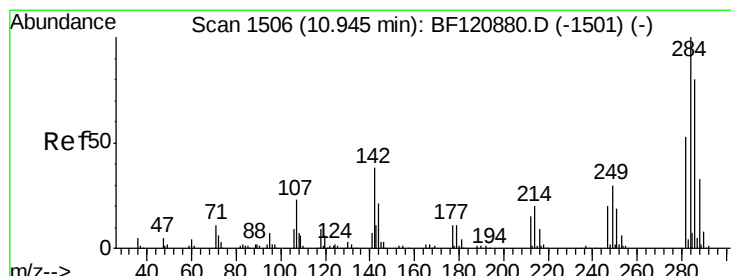
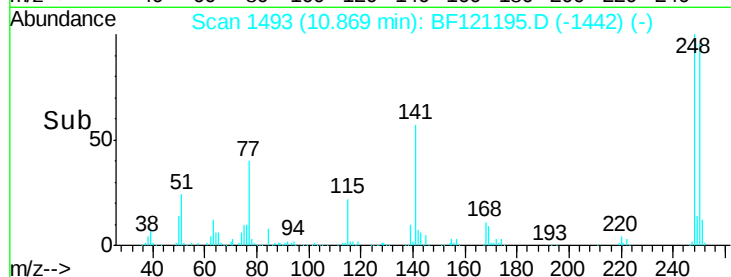
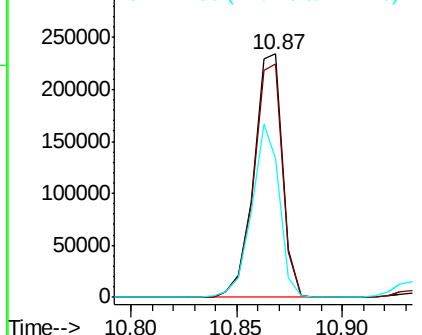


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.812 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

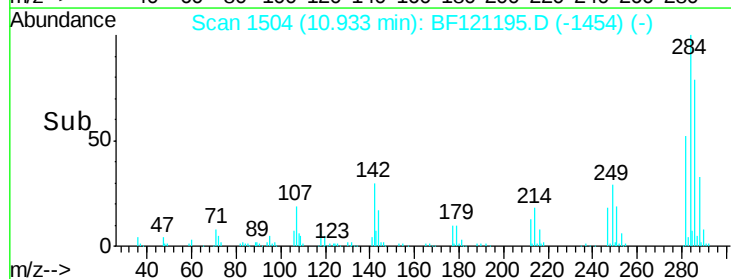
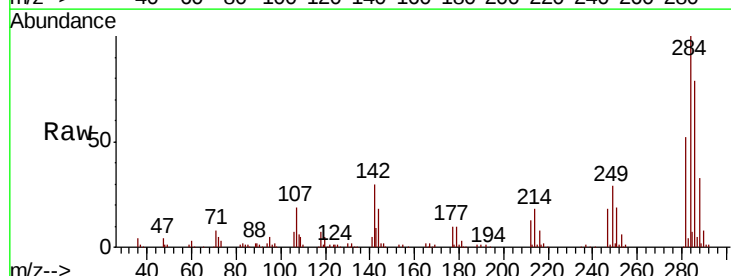
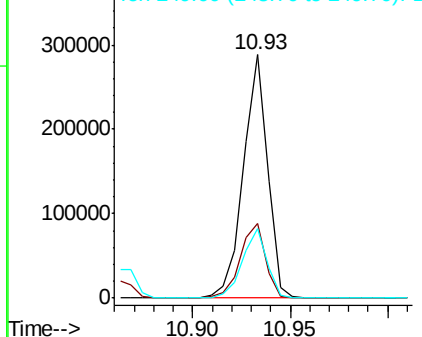
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	21.1	31.7
249	28.7	22.5	33.7

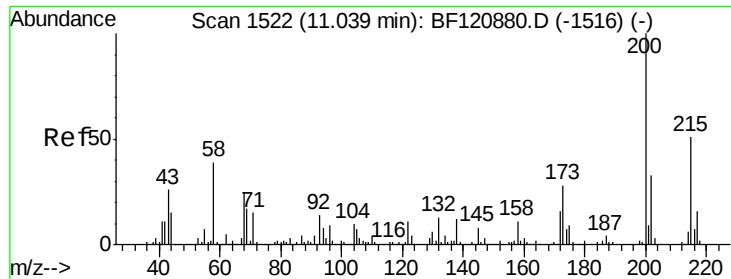
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





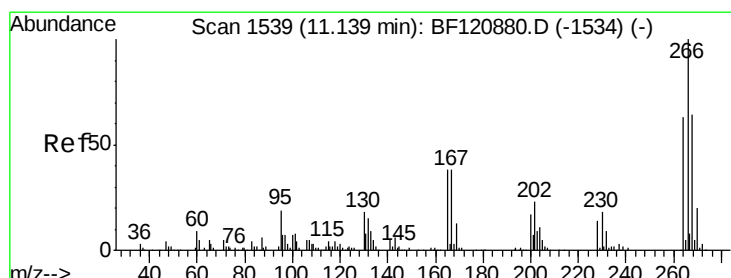
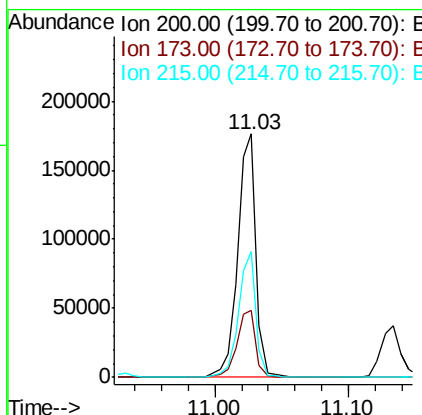
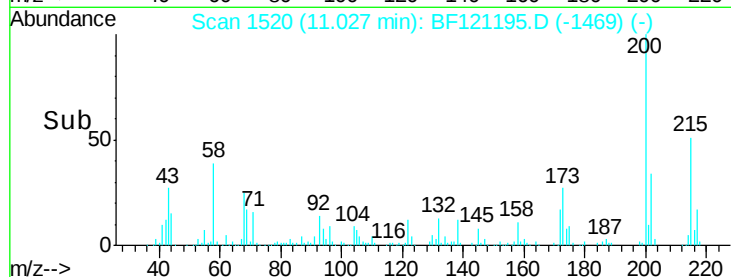
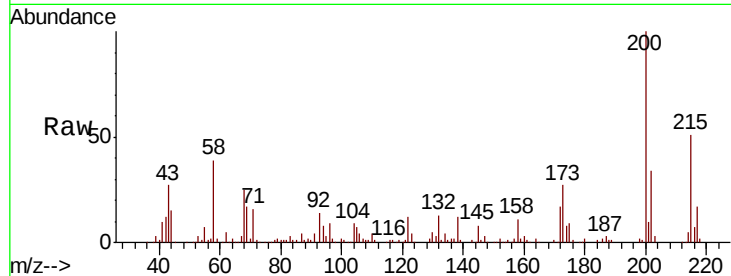
#69
Atrazine
Concen: 47.030 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	7.6	47.6
215	51.5	28.8	68.8

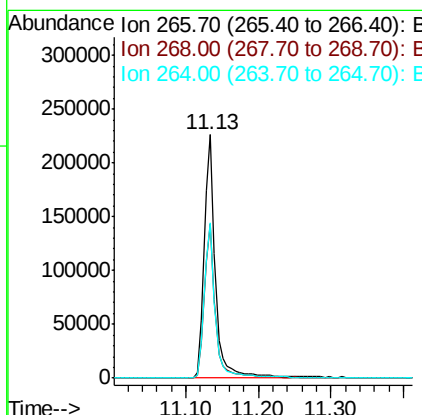
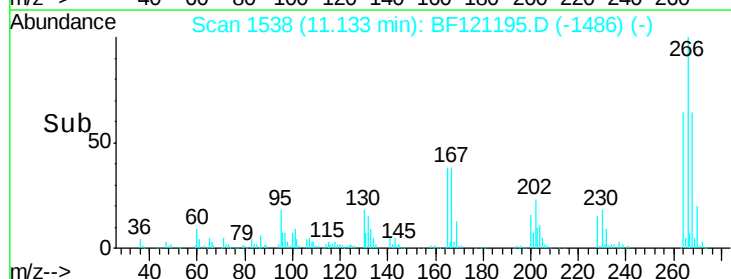
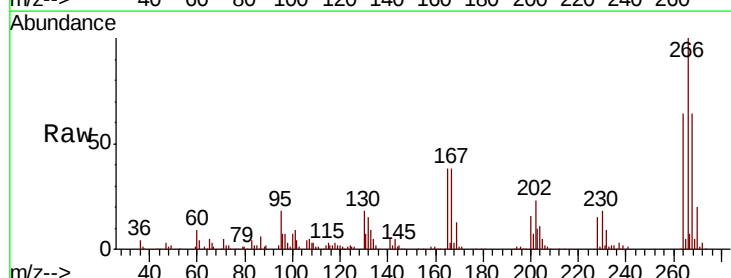
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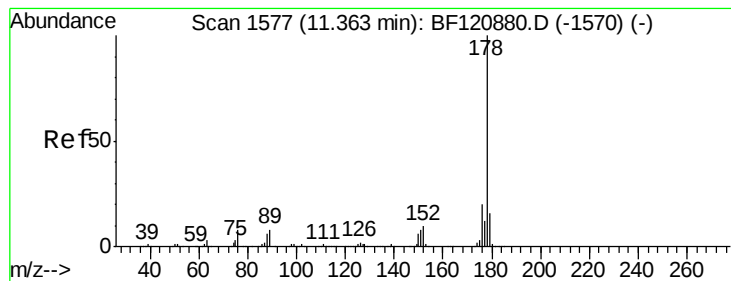
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#70
Pentachlorophenol
Concen: 78.509 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	49.7	74.5
264	63.9	50.4	75.6





#71

Phenanthrene

Concen: 42.415 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

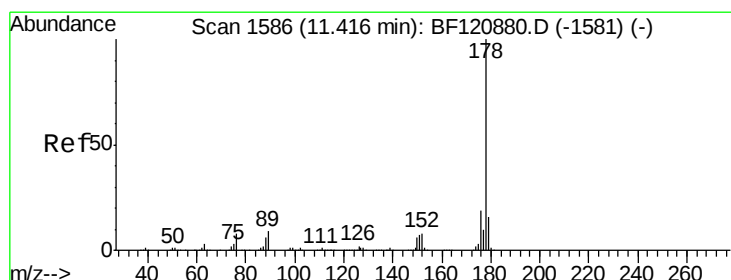
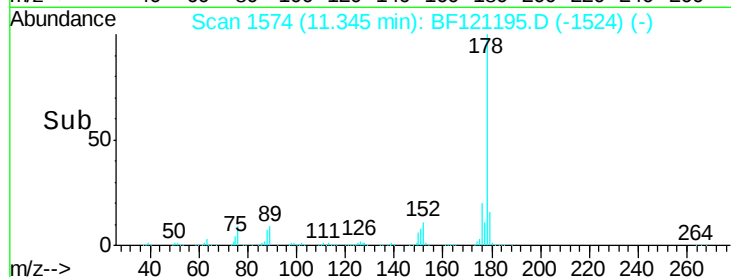
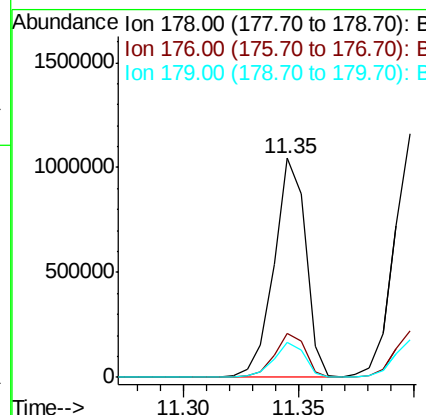
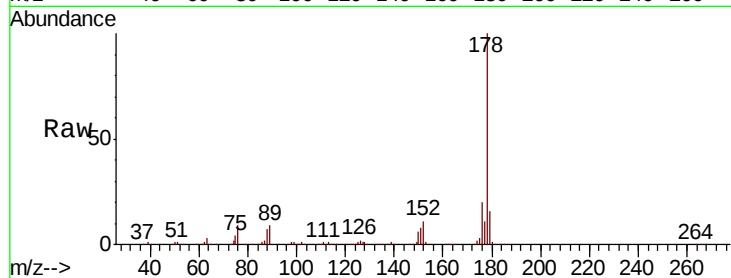
ClientSampleId :

PB130683BS

Tot Ion:178	Resp:	998240
Ion Ratio	Lower	Upper
178	100	
176	19.9	16.2 24.2
179	15.7	12.6 19.0

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#72

Anthracene

Concen: 44.224 ng

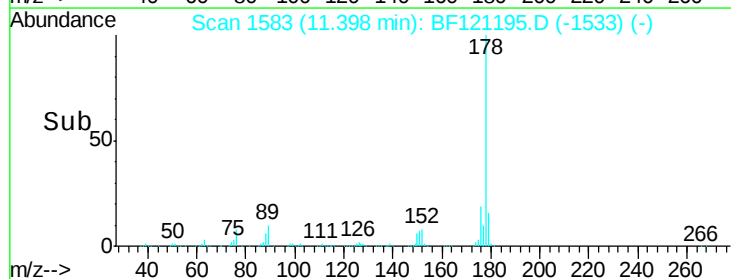
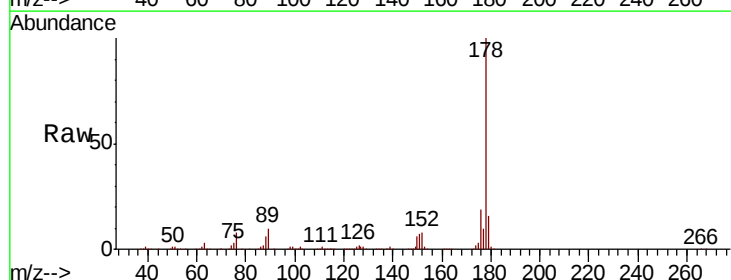
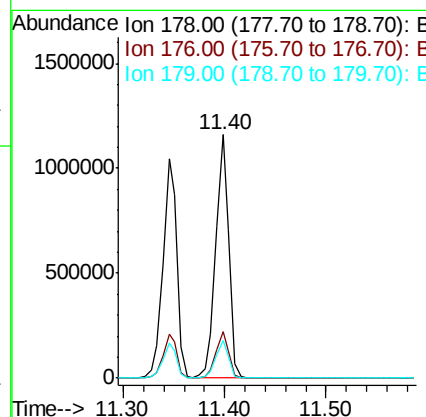
RT: 11.40 min Scan# 1583

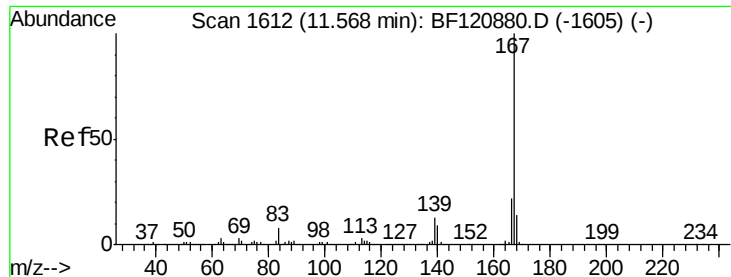
Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:178	Resp:	1045129
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.8 23.8
179	15.6	12.6 19.0





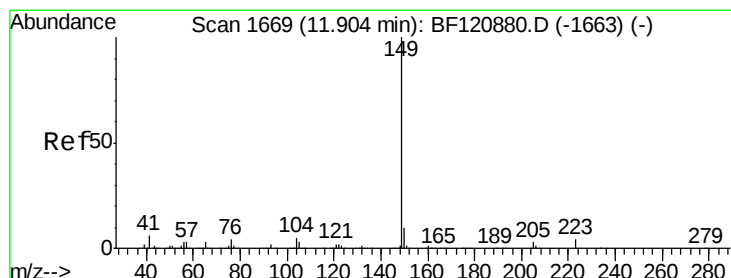
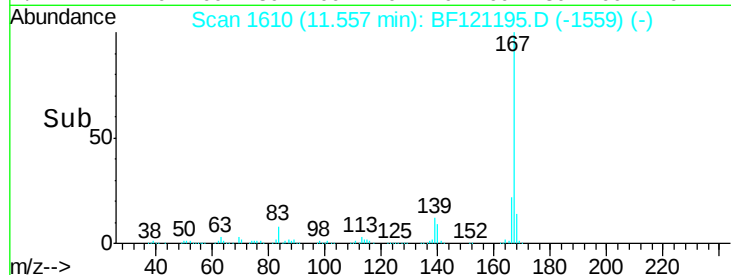
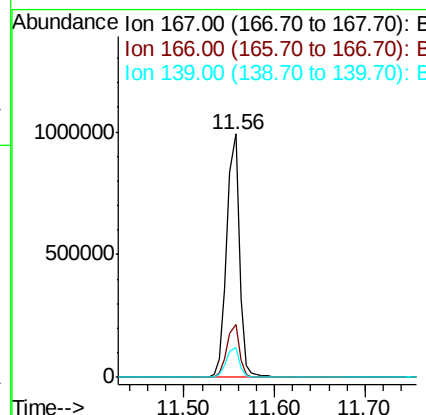
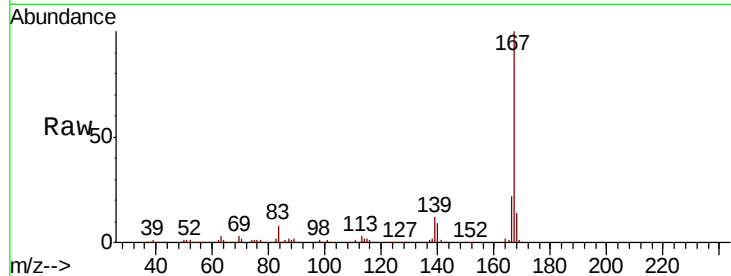
#73
 Carbazole
 Concen: 40.648 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.4	10.5	15.7

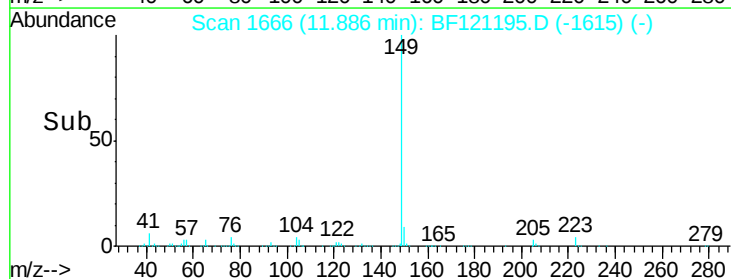
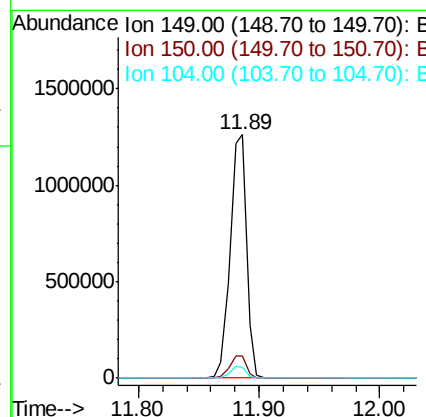
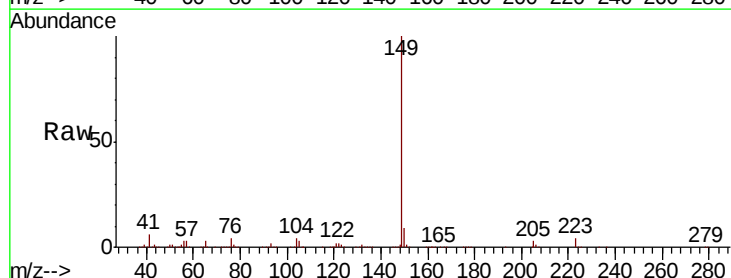
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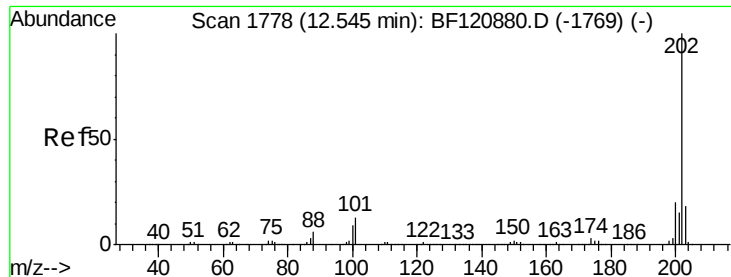
mohammad
 8/7/2020 1:50:37 PM



#74
 Di-n-butylphthalate
 Concen: 43.837 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.4	3.9	5.9





#75

Fluoranthene

Concen: 41.975 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

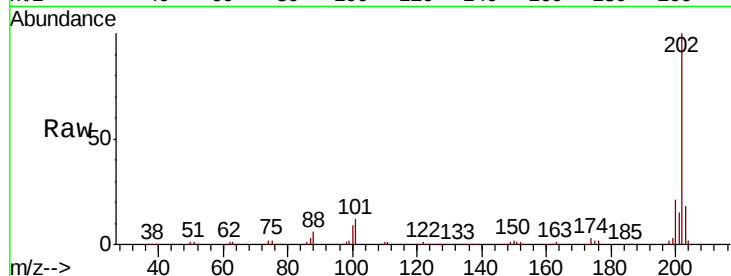
ClientSampleId :

PB130683BS

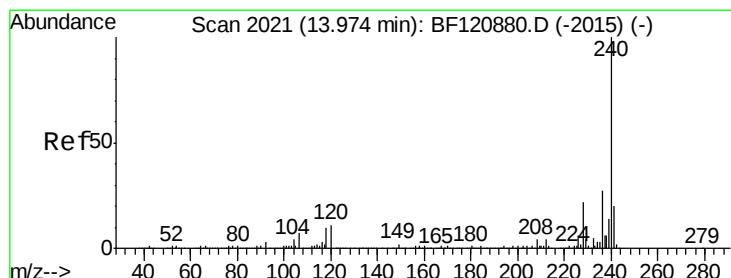
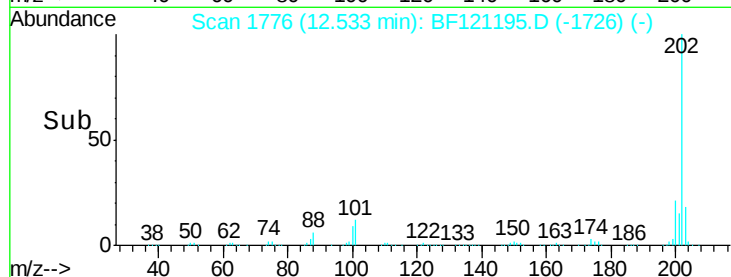
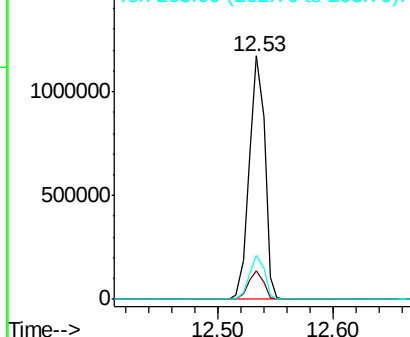
Tot Ion:	202	Resp:	1094985
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	30.5
203	18.0	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

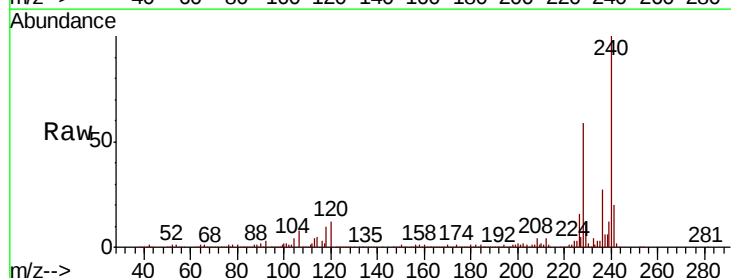
RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

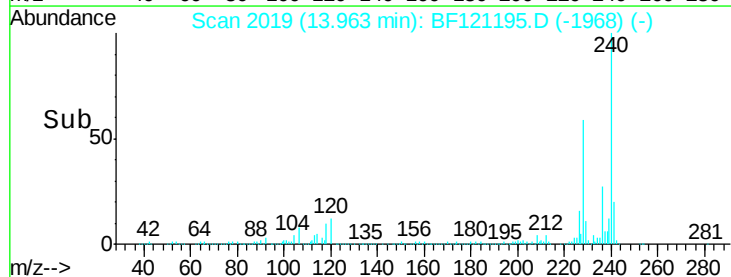
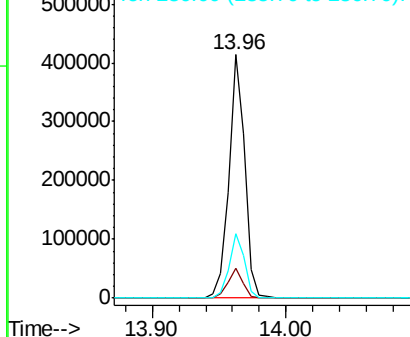
Lab File: BF121195.D

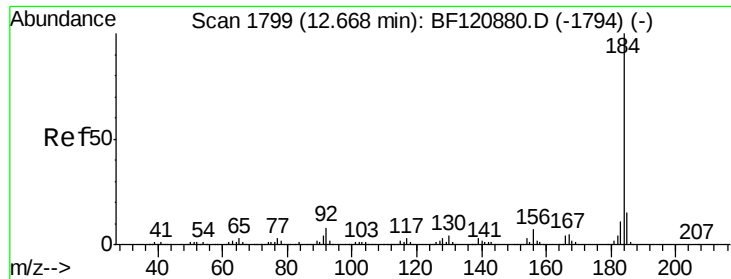
Acq: 6 Aug 2020 10:25

Tgt Ion:	240	Resp:	346412
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.3	13.9
236	26.6	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.223 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

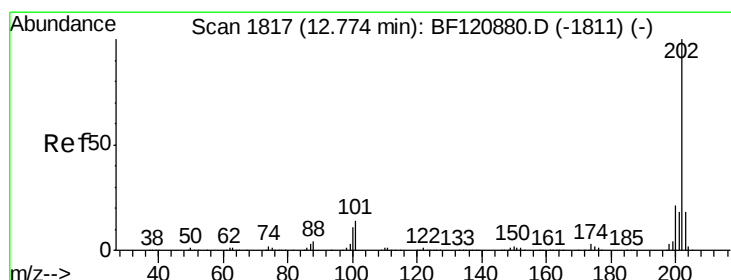
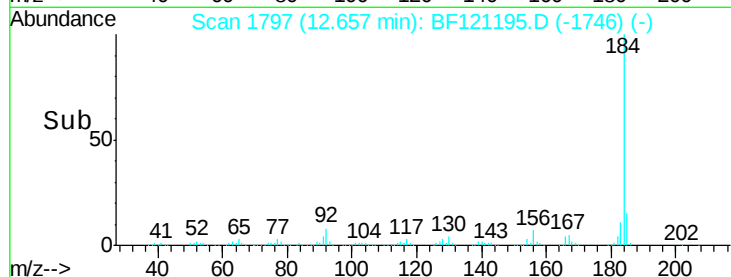
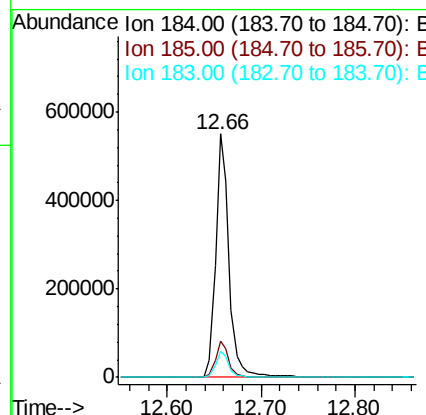
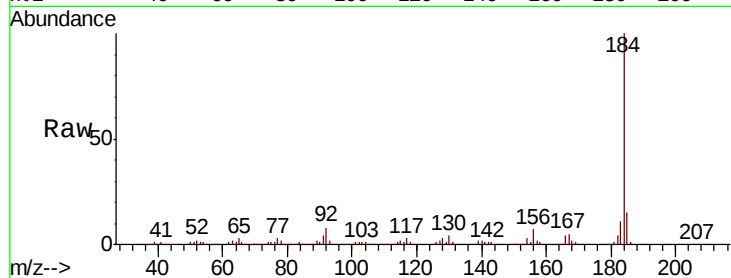
ClientSampleId :

PB130683BS

Tot Ion:	184	Resp:	557606
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.1	18.1
183	10.8	9.0	13.4

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#78

Pyrene

Concen: 45.462 ng

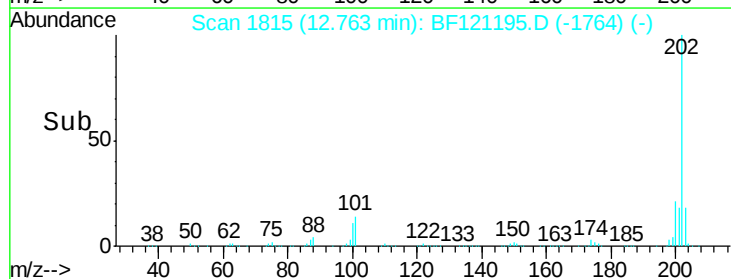
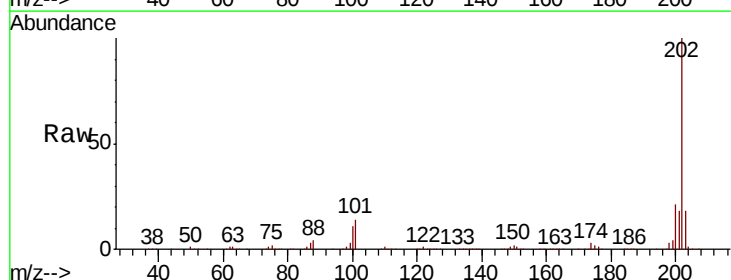
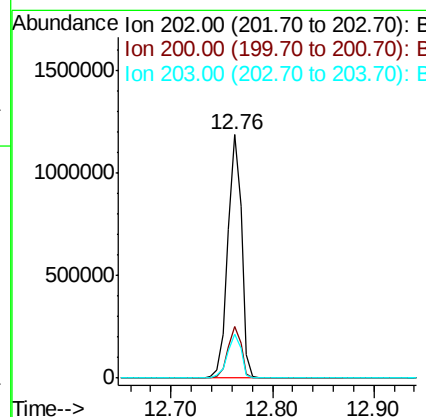
RT: 12.76 min Scan# 1815

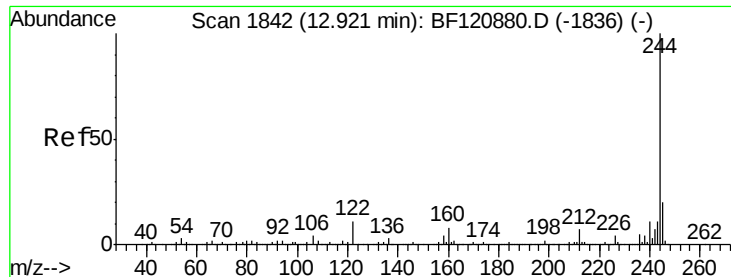
Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Tgt Ion:	202	Resp:	1113440
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.6
203	17.9	14.6	21.8





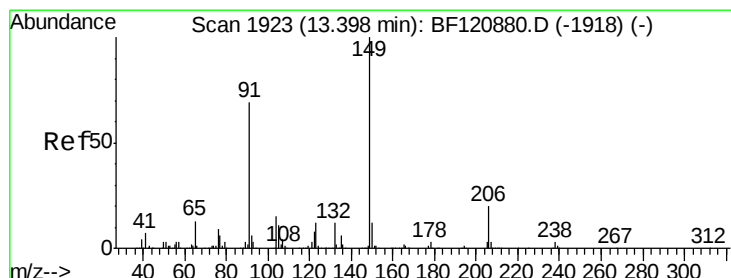
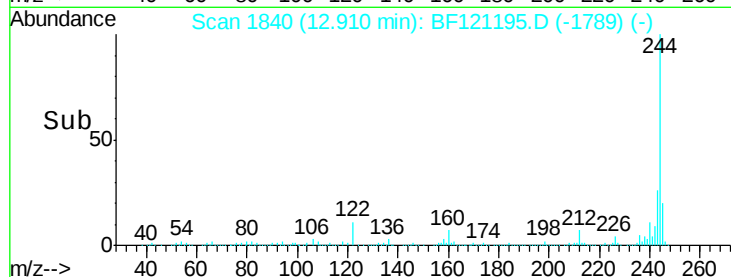
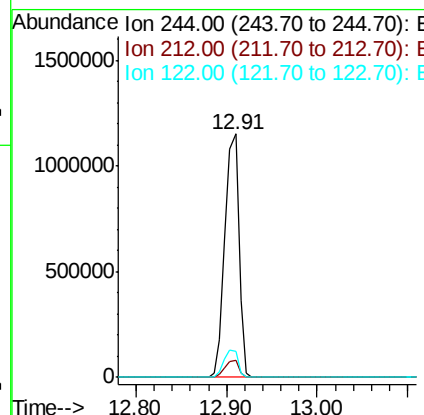
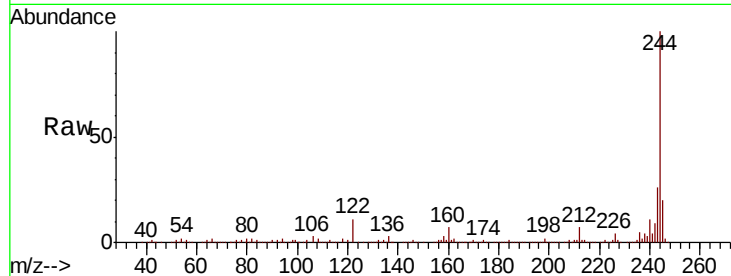
#79
 Terphenyl-d14
 Concen: 77.208 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion:244 Resp: 1230376
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.6 8.3 12.5

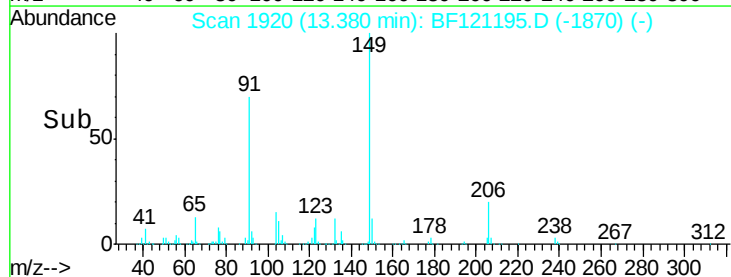
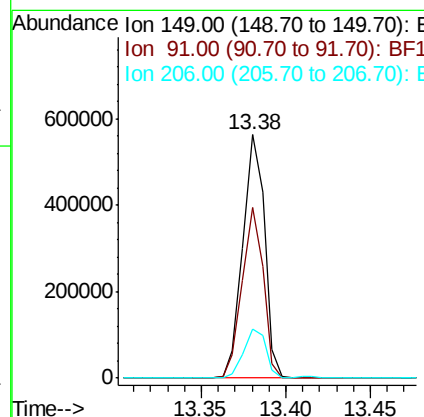
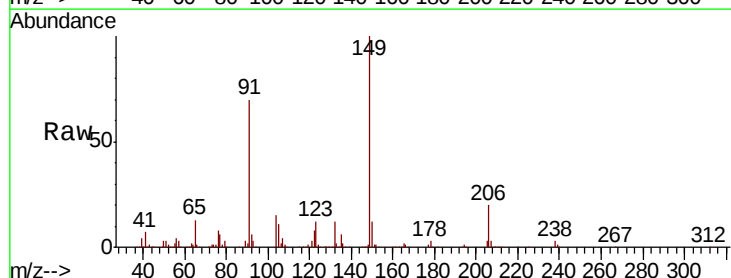
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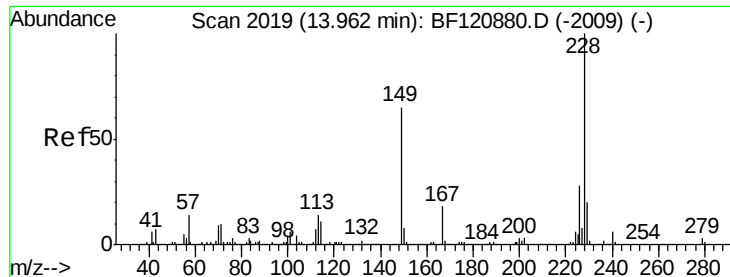
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#80
 Butylbenzylphthalate
 Concen: 46.578 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion:149 Resp: 508540
 Ion Ratio Lower Upper
 149 100
 91 69.9 51.4 77.0
 206 20.3 17.9 26.9





#81

Benzo(a)anthracene

Concen: 44.665 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121195.D

Acq: 6 Aug 2020 10:25

Instrument :

BNA_F

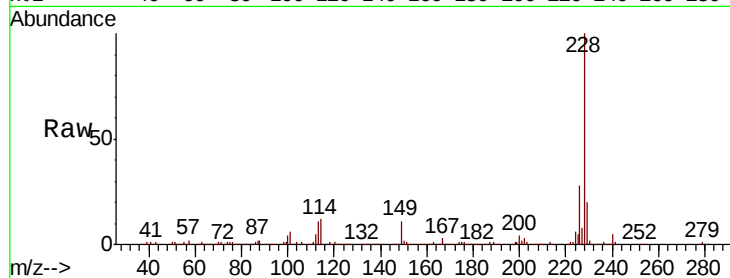
ClientSampleId :

PB130683BS

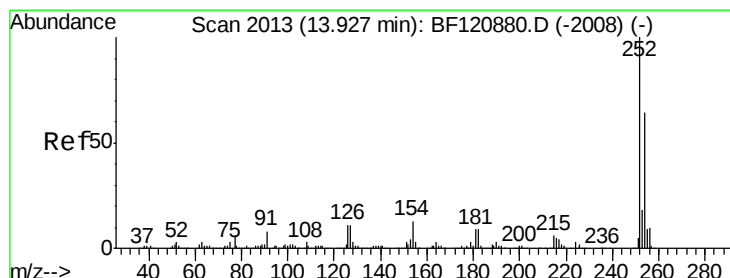
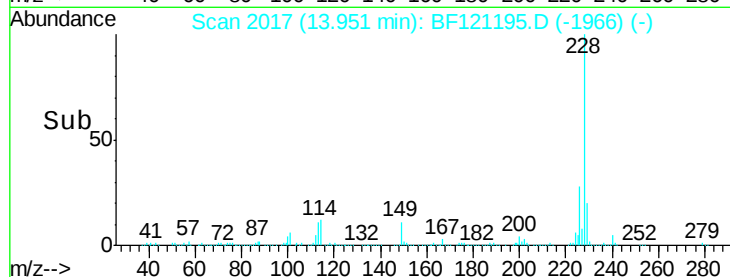
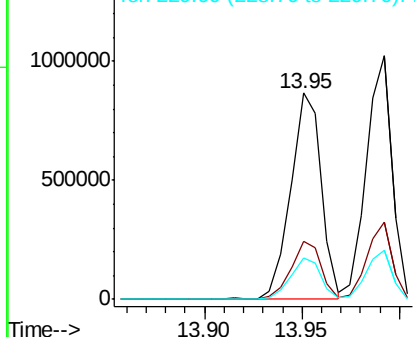
Tot Ion:	228	Resp:	936932
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	34.0
229	20.4	16.1	24.1

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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: 39.988 ng

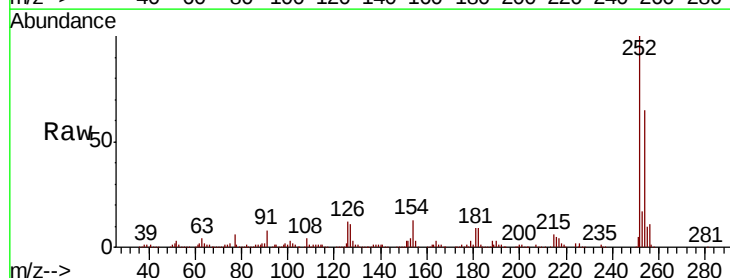
RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

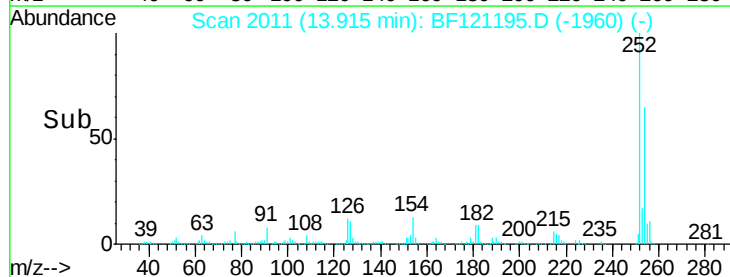
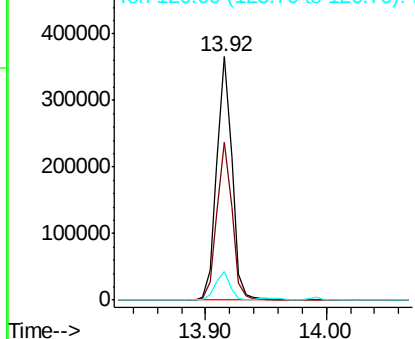
Lab File: BF121195.D

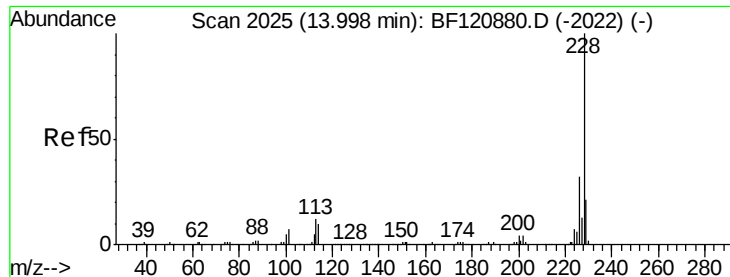
Acq: 6 Aug 2020 10:25

Tgt Ion:	252	Resp:	316466
Ion Ratio	Lower	Upper	
252	100		
254	65.0	51.3	76.9
126	11.6	9.2	13.8



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





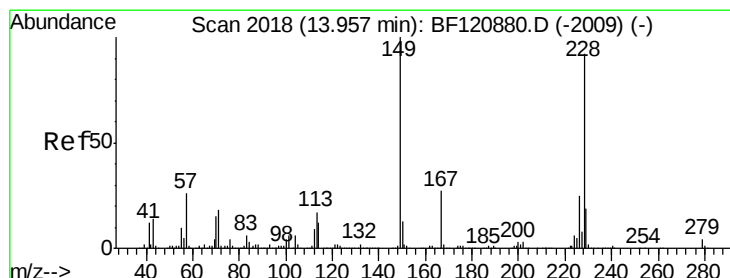
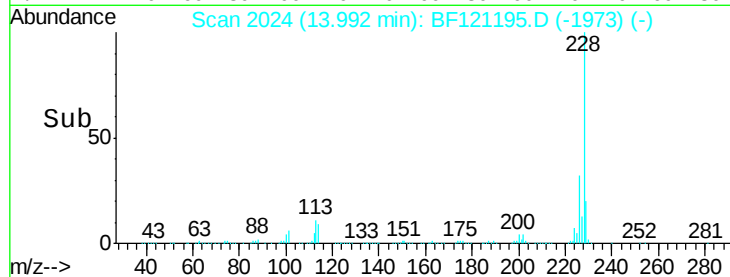
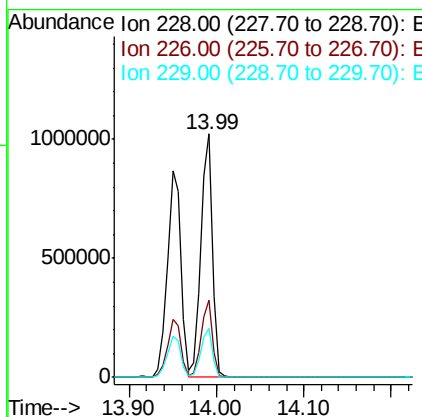
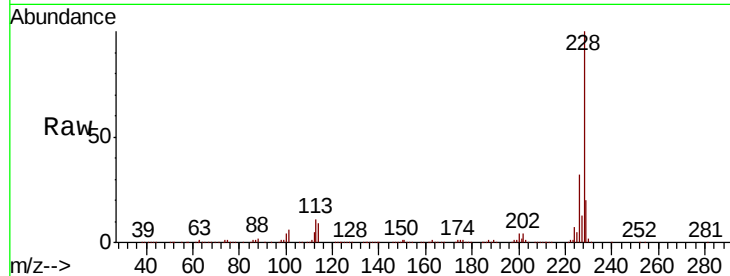
#83
 Chrvsene
 Concen: 42.835 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.5	25.4	38.0		
229	20.1	16.2	24.4		

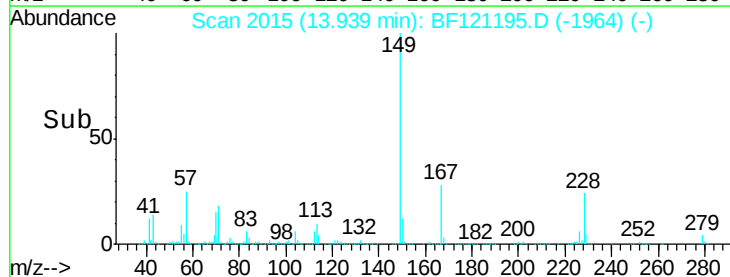
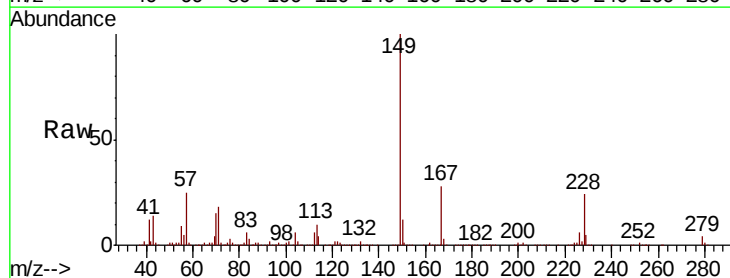
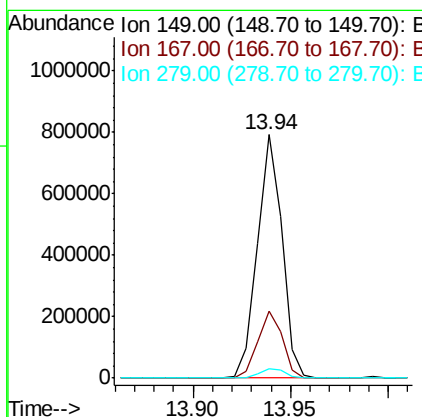
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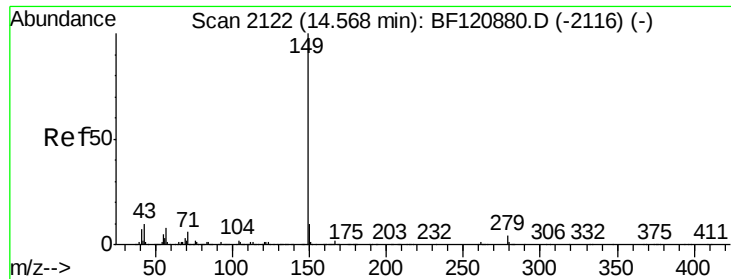
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.634 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	27.7	21.8	32.6		
279	3.9	2.9	4.3		





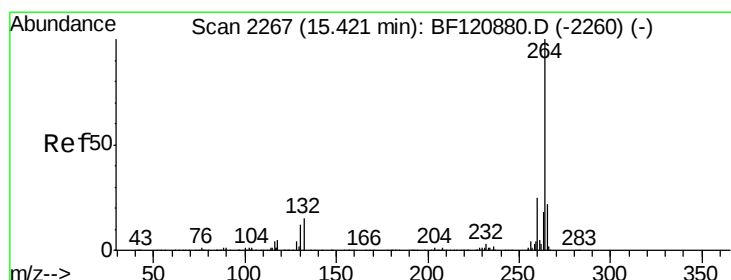
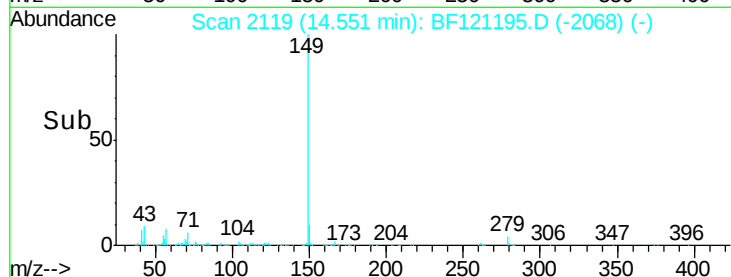
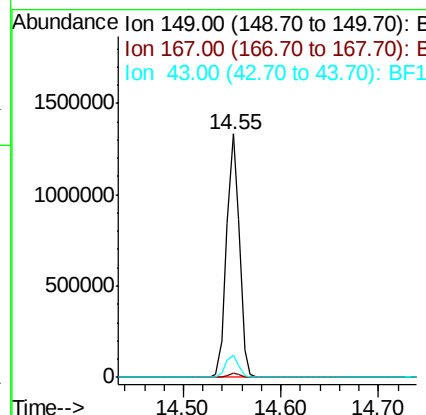
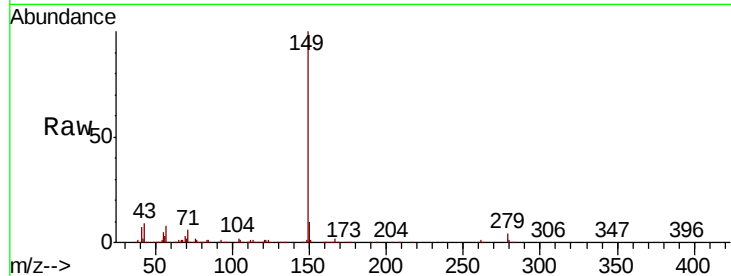
#85
Di-n-octyl phthalate
Concen: 45.357 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1214896		
167	1.6		1.3	1.9
43	9.1		7.5	11.3

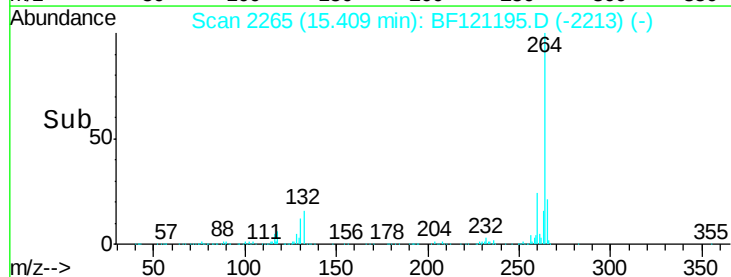
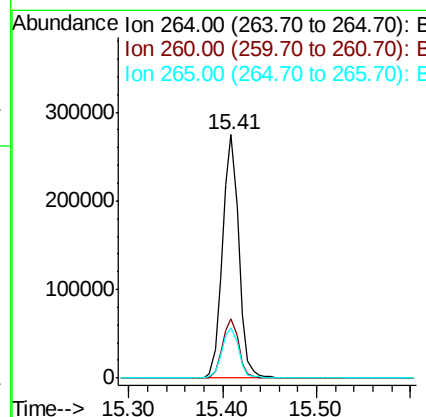
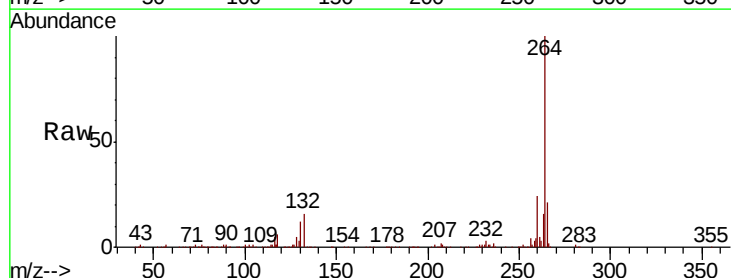
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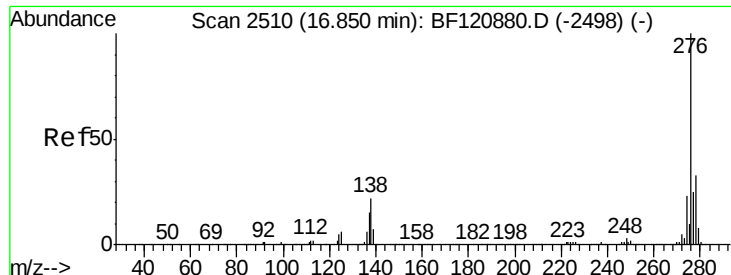
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	335142		
260	24.4		19.9	29.9
265	20.9		17.8	26.8





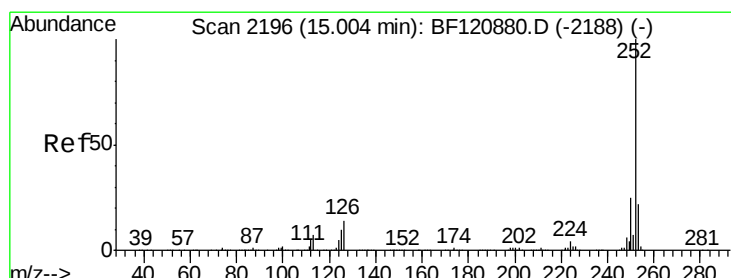
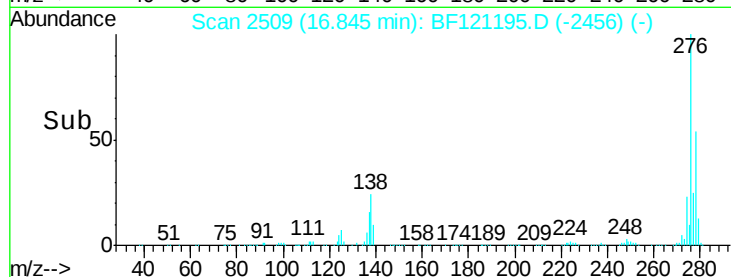
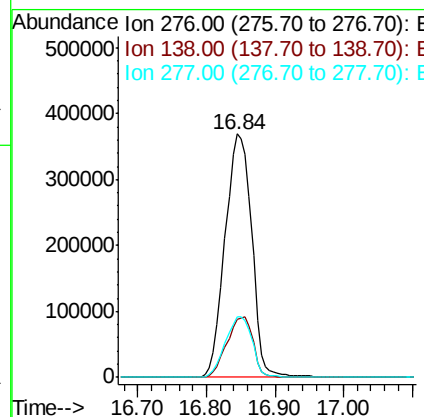
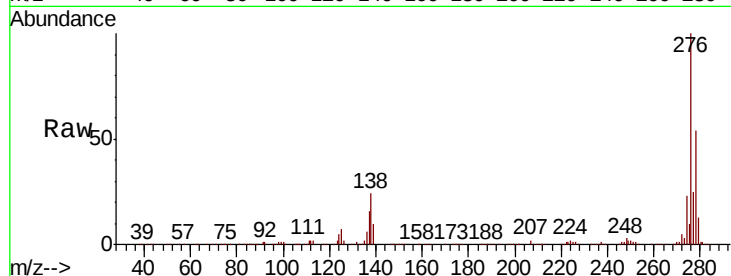
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.638 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Instrument :
 BNA_F
 ClientSampleId :
 PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	993806		
138	24.6		19.3	28.9
277	25.2		20.1	30.1

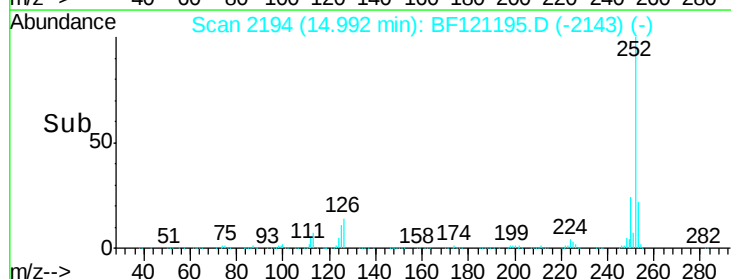
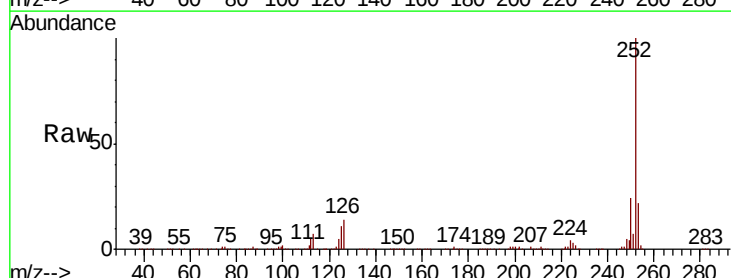
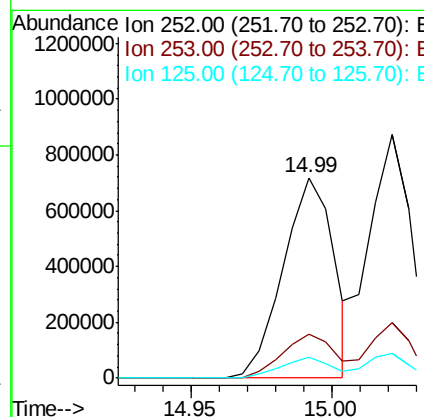
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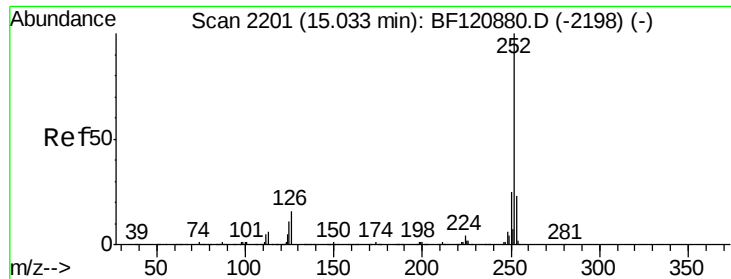
mohammad
 8/7/2020 1:50:37 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.226 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF121195.D
 Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	895944		
253	21.9		17.9	26.9
125	10.6		8.1	12.1





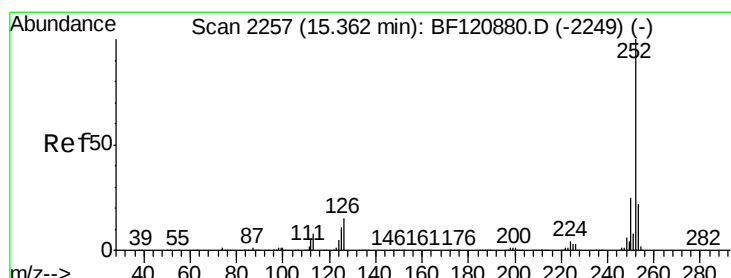
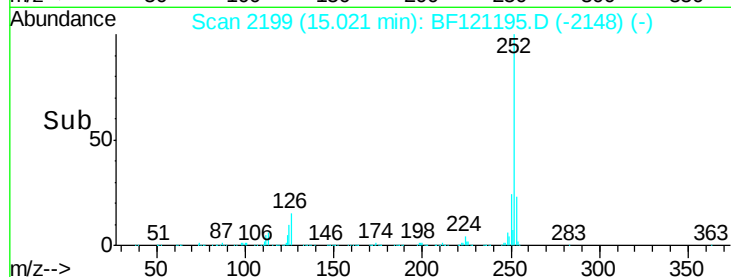
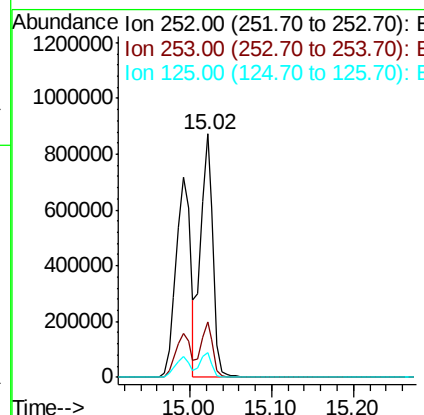
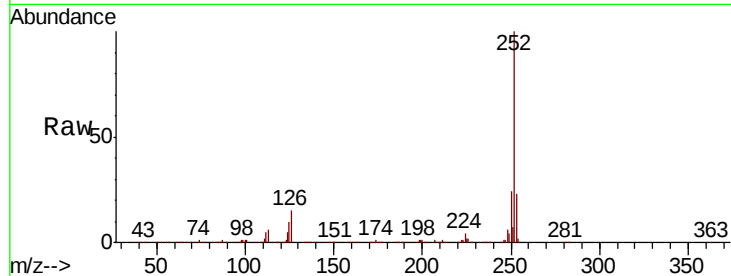
#89
Benzo(k)fluoranthene
Concen: 49.363 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	911989		
253	23.0	18.1	27.1	
125	10.3	8.0	12.0	

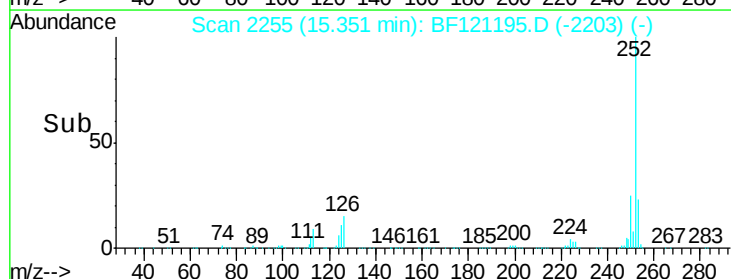
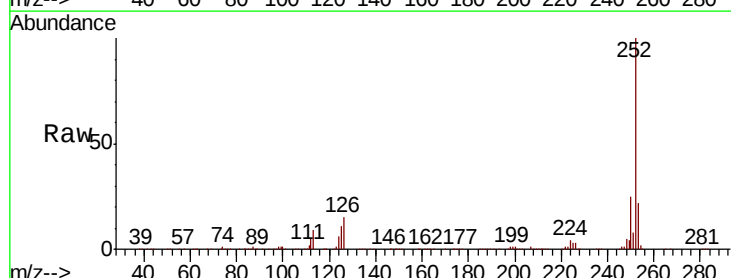
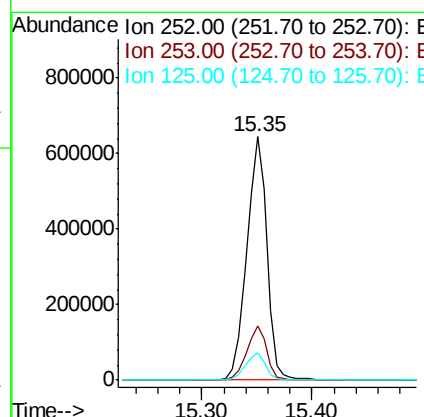
Manual Integrations
APPROVED

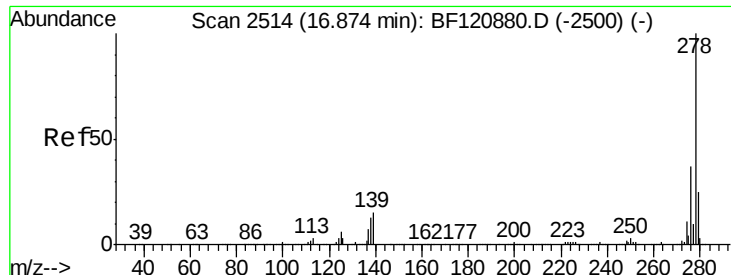
mohammad
8/7/2020 1:50:37 PM



#90
Benzo(a)pyrene
Concen: 44.691 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	826013		
253	22.5	18.0	27.0	
125	11.4	9.5	14.3	





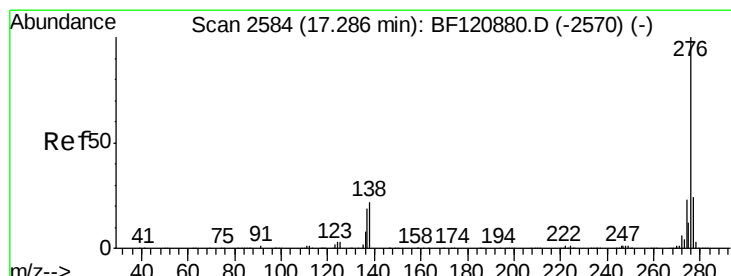
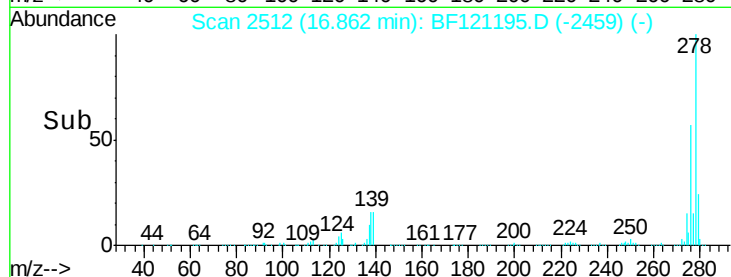
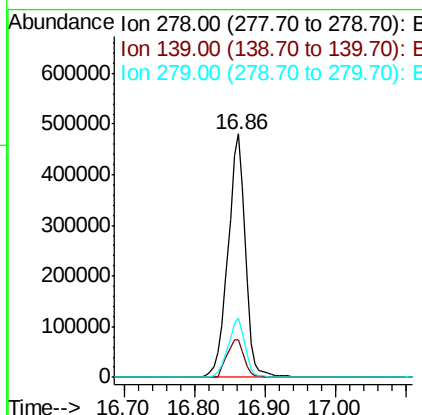
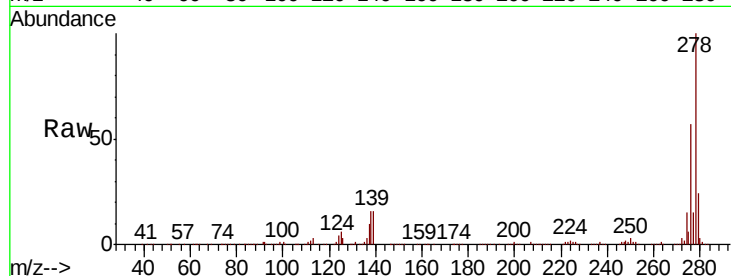
#91
Dibenzo(a,h)anthracene
Concen: 43.329 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Instrument :
BNA_F
ClientSampleId :
PB130683BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	24.2	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/7/2020 1:50:37 PM



#92
Benzo(g,h,i)perylene
Concen: 45.157 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121195.D
Acq: 6 Aug 2020 10:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	21.2	17.2	25.8

