

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121843.D
 Acq On : 6 Oct 2020 10:04
 Operator : JU/CG
 Sample : PB132042BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Manual Integrations
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mohammad
 10/7/2020 10:40:30 AM

Quant Time: Oct 06 12:03:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139165	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	554397	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	301605	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	569401	20.00	ng	0.00
76) Chrysene-d12	13.93	240	457861	20.00	ng	0.00
86) Perylene-d12	15.36	264	392647	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	919402	98.18	ng	0.01
7) Phenol-d6	6.42	99	1210233	98.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	1039040	100.63	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	378710	101.03	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1802713	90.52	ng	0.00
79) Terphenyl-d14	12.87	244	1711069	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	158689	36.886	ng	99
3) Pyridine	3.32	79	353743	29.743	ng	99
4) n-Nitrosodimethylamine	3.27	42	208154	37.732	ng	99
6) Aniline	6.43	93	409613	25.600	ng	# 65
8) 2-Chlorophenol	6.56	128	384757	40.356	ng	96
9) Benzaldehyde	6.32	77	210623	26.225	ng	98
10) Phenol	6.43	94	477221	36.478	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	387600	39.310	ng	99
12) 1,3-Dichlorobenzene	6.70	146	405651	38.119	ng	99
13) 1,4-Dichlorobenzene	6.78	146	413333	38.682	ng	100
14) 1,2-Dichlorobenzene	6.93	146	371412	37.732	ng	97
15) Benzyl Alcohol	6.92	79	321042	38.447	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	599001	37.752	ng	66
17) 2-Methylphenol	7.03	107	327199	40.334	ng	# 94
18) Hexachloroethane	7.27	117	153381	40.089	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	280139	39.565	ng	99
20) 3+4-Methylphenols	7.19	107	391974	40.216	ng	# 81
22) Acetophenone	7.18	105	530844	37.739	ng	96
24) Nitrobenzene	7.35	77	426761	38.214	ng	99
25) Isophorone	7.59	82	785088	37.771	ng	100
26) 2-Nitrophenol	7.67	139	210420	40.449	ng	98
27) 2,4-Dimethylphenol	7.71	122	346948	37.394	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	495316	38.493	ng	99
29) 2,4-Dichlorophenol	7.92	162	332270	39.319	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	339960	38.197	ng	100
31) Naphthalene	8.07	128	1110350	37.940	ng	99
32) Benzoic acid	7.86	122	170979	28.066	ng	99
33) 4-Chloroaniline	8.12	127	355674	28.037	ng	99
34) Hexachlorobutadiene	8.19	225	202585	38.779	ng	99
35) Caprolactam	8.51	113	108429m	38.530	ng	
36) 4-Chloro-3-methylphenol	8.62	107	359052	39.441	ng	100
37) 2-Methylnaphthalene	8.76	142	741624	38.669	ng	99
38) 1-Methylnaphthalene	8.86	142	692182	38.779	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	350617	37.216	ng	99

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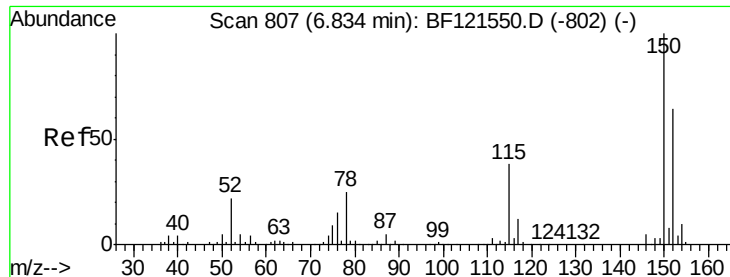
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	213242	39.635	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	230385	35.877	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	242306	35.693	nq	97
46) 1,1'-Biphenyl	9.23	154	893347	36.999	nq	100
47) 2-Chloronaphthalene	9.25	162	681932	35.840	nq	100
48) 2-Nitroaniline	9.35	65	243676	41.212	nq	98
49) Acenaphthylene	9.67	152	1087827	37.210	nq	100
50) Dimethylphthalate	9.53	163	834882	38.192	nq	99
51) 2,6-Dinitrotoluene	9.60	165	184062	39.537	nq	87
52) Acenaphthene	9.84	154	628654	34.046	nq	100
53) 3-Nitroaniline	9.76	138	148785	27.588	nq	100
54) 2,4-Dinitrophenol	9.89	184	175593	67.047	nq	96
55) Dibenzofuran	10.01	168	932284	35.852	nq	98
56) 4-Nitrophenol	9.95	139	236358	54.955	nq	86
57) 2,4-Dinitrotoluene	10.00	165	232235	39.652	nq	93
58) Fluorene	10.35	166	730459	36.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	205510	37.237	nq	98
60) Diethylphthalate	10.23	149	817647	38.364	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	367553	38.585	nq	99
62) 4-Nitroaniline	10.39	138	199309	37.221	nq	99
63) Azobenzene	10.50	77	843846	37.180	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	131724	39.170	nq	94
66) n-Nitrosodiphenylamine	10.47	169	712060	36.451	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	244114	37.655	nq	99
68) Hexachlorobenzene	10.90	284	272481	37.244	nq	94
69) Atrazine	10.99	200	208054	42.869	nq	99
70) Pentachlorophenol	11.10	266	228523	56.876	nq	99
71) Phenanthrene	11.32	178	1100795	35.483	nq	99
72) Anthracene	11.37	178	1141746	35.663	nq	100
73) Carbazole	11.52	167	1046297	36.216	nq	100
74) Di-n-butylphthalate	11.85	149	1256251	37.675	nq	99
75) Fluoranthene	12.50	202	1214914	36.685	nq	97
77) Benzidine	12.62	184	462581	30.475	nq	100
78) Pyrene	12.73	202	1228126	36.712	nq	99
80) Butylbenzylphthalate	13.35	149	544914	40.276	nq	99
81) Benzo(a)anthracene	13.92	228	1113109	38.427	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	340319	30.094	nq	98
83) Chrysene	13.96	228	1061824	36.200	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	750923	41.547	nq	# 98
85) Di-n-octyl phthalate	14.52	149	1280424	40.142	nq	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	995150	38.918	nq	100
88) Benzo(b)fluoranthene	14.96	252	1082537	41.241	nq	99
89) Benzo(k)fluoranthene	14.99	252	972799	40.471	nq	99
90) Benzo(a)pyrene	15.31	252	925920	41.498	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	835176	39.237	nq	100
92) Benzo(g,h,i)perylene	17.22	276	818759	39.132	nq	98

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



#1

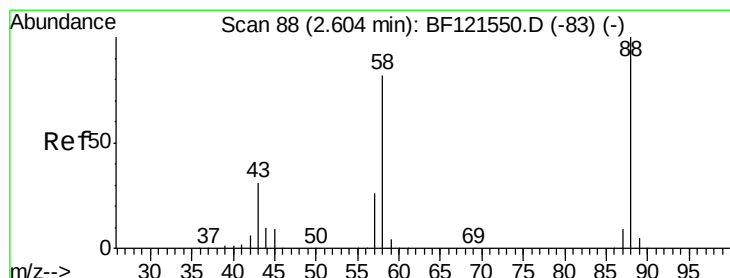
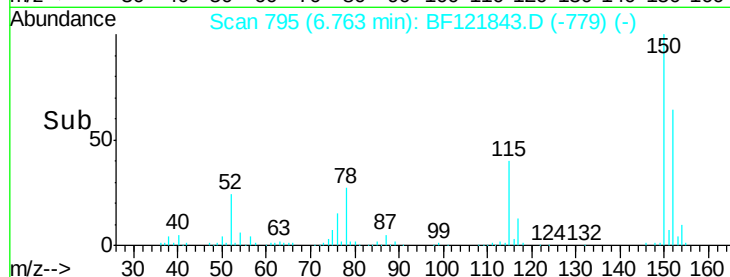
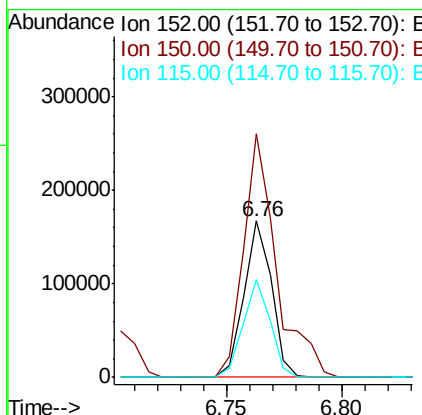
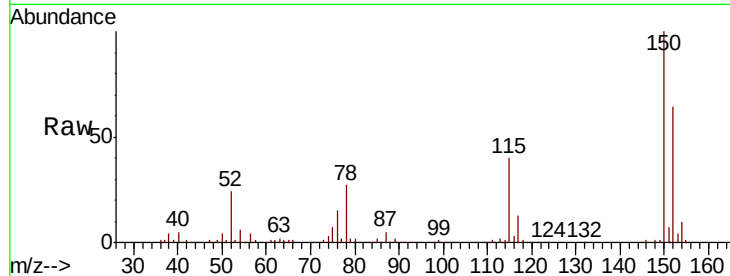
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.3	187.9
115	62.8	51.9	77.9

Manual Integrations
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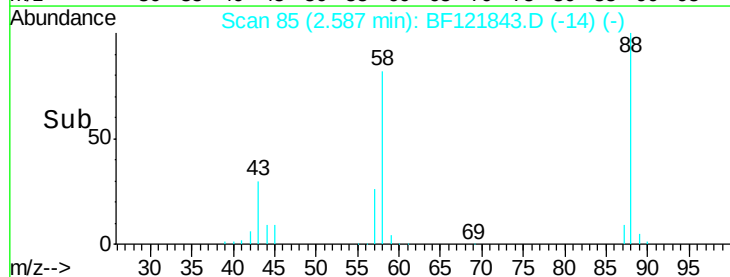
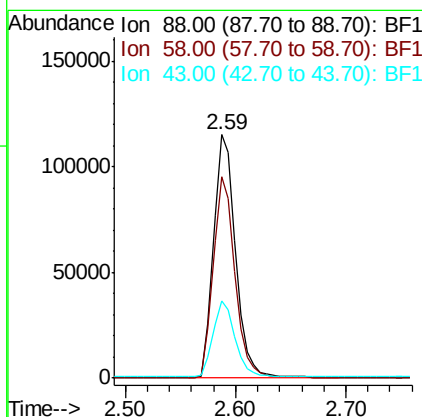
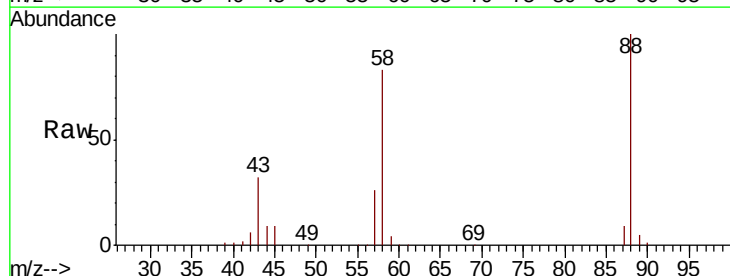
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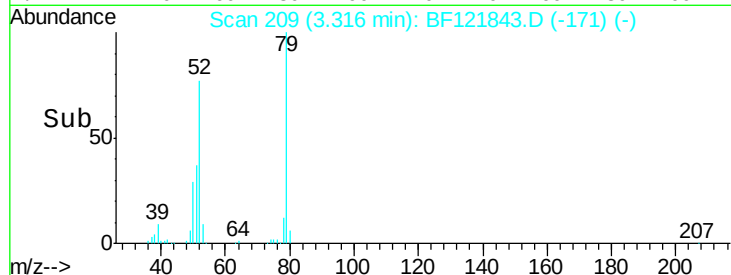
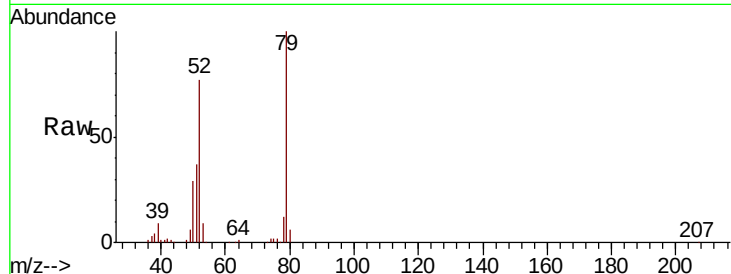
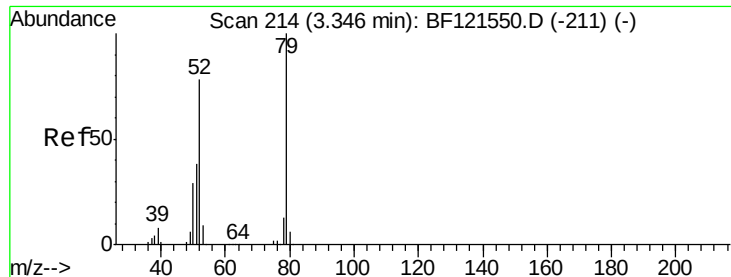


#2

1,4-Dioxane
Concen: 36.886 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.12 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	65.8	98.8
43	30.6	25.8	38.8





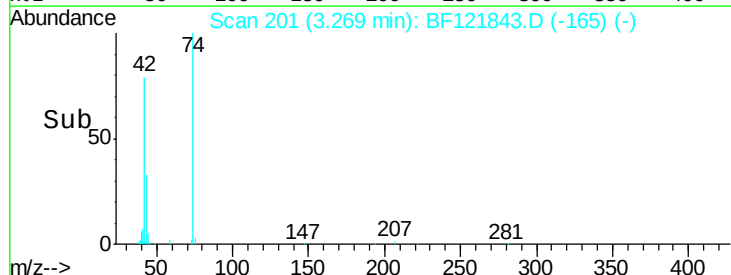
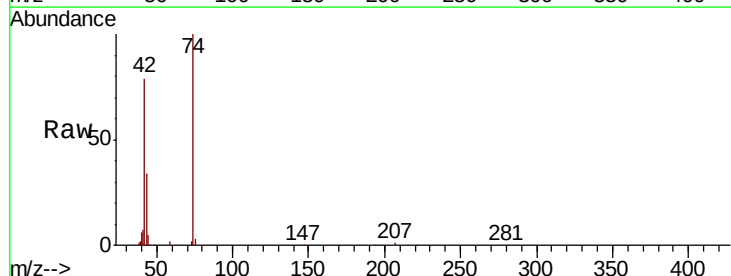
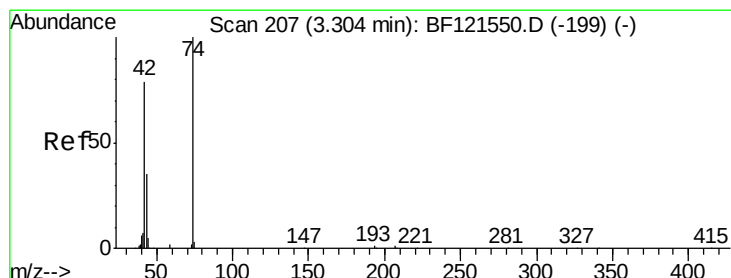
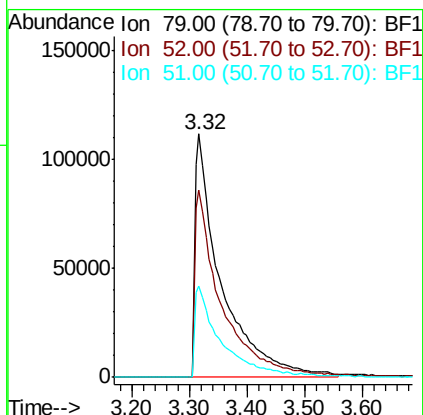
#3
Pvridine
Concen: 29.743 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.12 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.1	62.2	93.4
51	37.3	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
PB132042BS

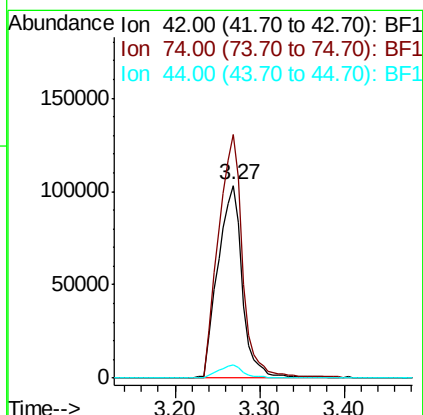
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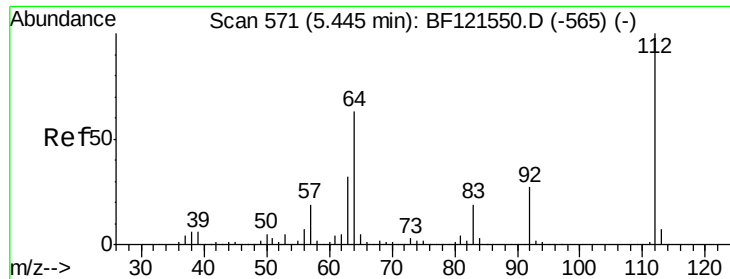
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#4
n-Nitrosodimethylamine
Concen: 37.732 ng
RT: 3.27 min Scan# 201
Delta R.T. 0.11 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.3	100.2	150.2
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 98.182 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

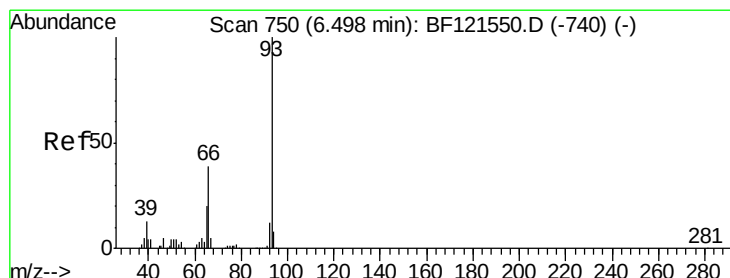
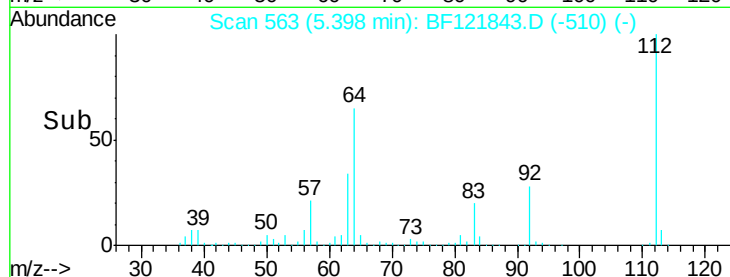
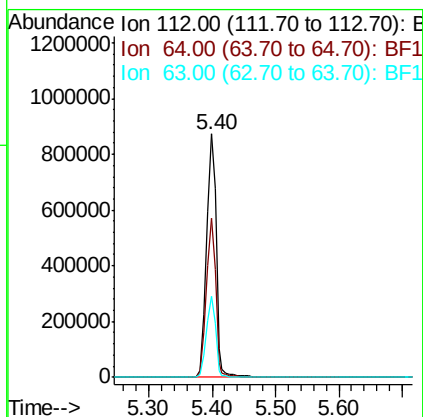
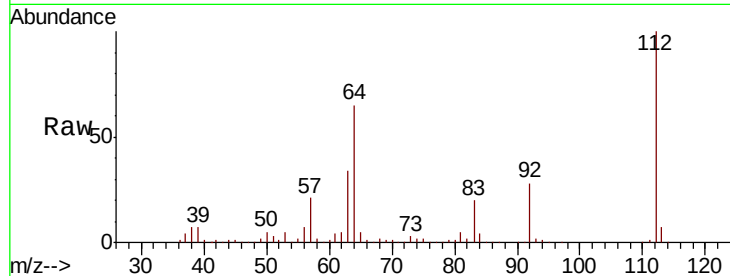
ClientSampled :

PB132042BS

Tot Ion:	112	Resp:	919402
Ion Ratio	Lower	Upper	
112	100		
64	65.2	50.4	75.6
63	33.5	25.8	38.6

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#6

Aniline

Concen: 25.600 ng

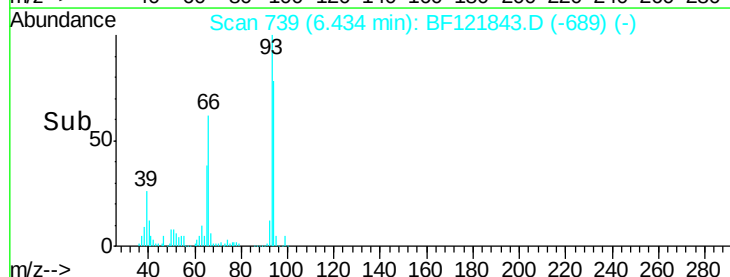
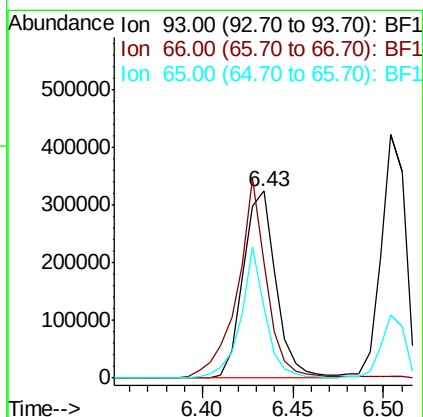
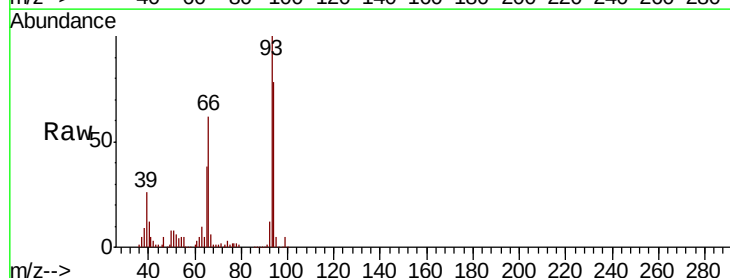
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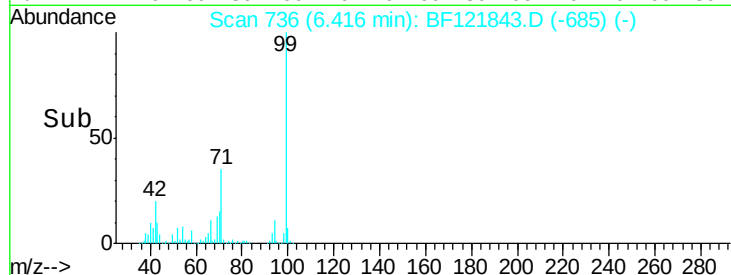
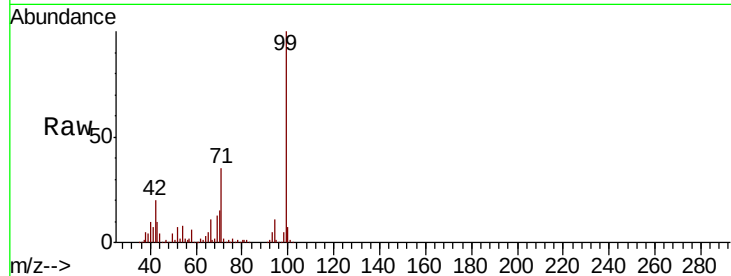
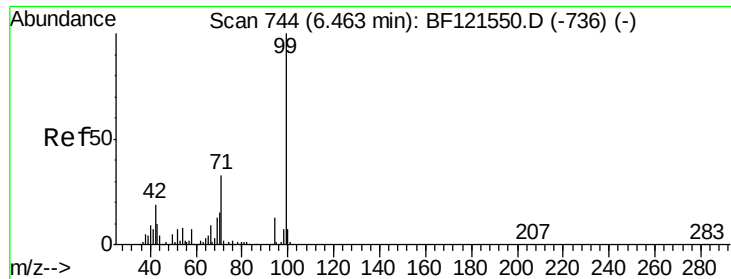
Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:	93	Resp:	409613
Ion Ratio	Lower	Upper	
93	100		
66	62.1	32.7	49.1#
65	37.7	16.6	24.8#





#7

Phenol-d6

Concen: 98.510 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tot Ion:	99	Resp:	1210233
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.9	23.9
71	35.0	27.1	40.7

Instrument :

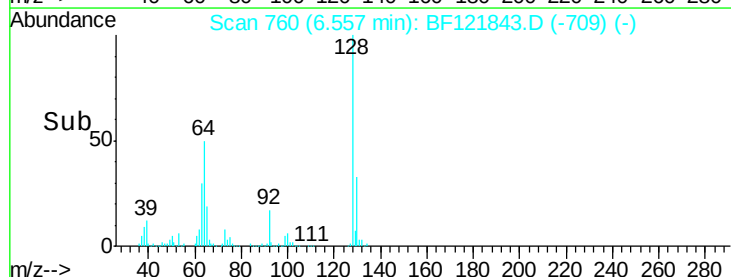
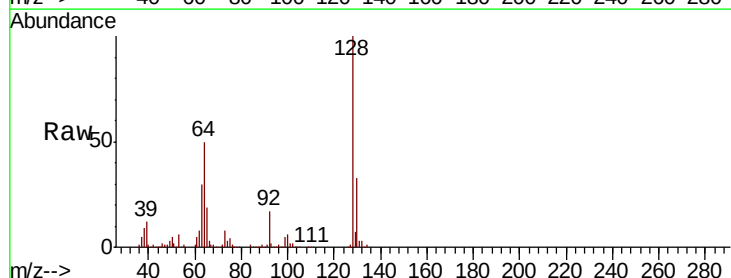
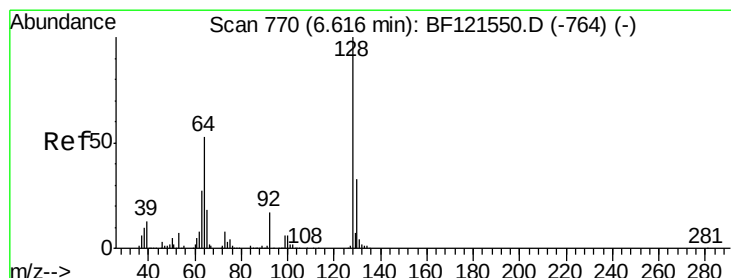
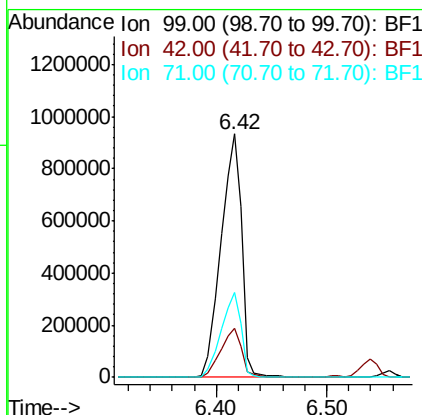
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.356 ng

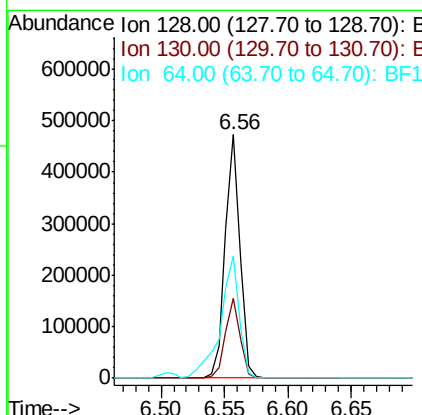
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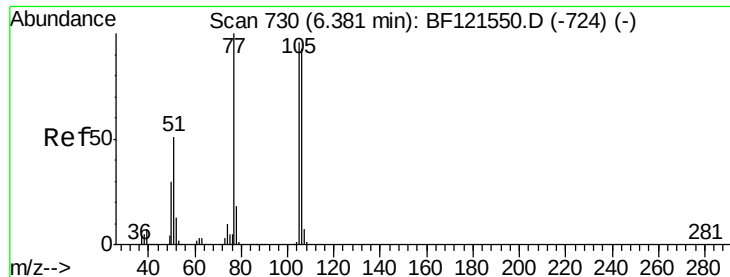
Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:	128	Resp:	384757
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	50.3	34.8	74.8





#9

Benzaldehyde

Concen: 26.225 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

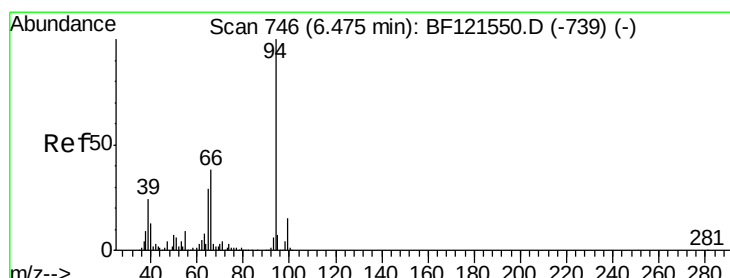
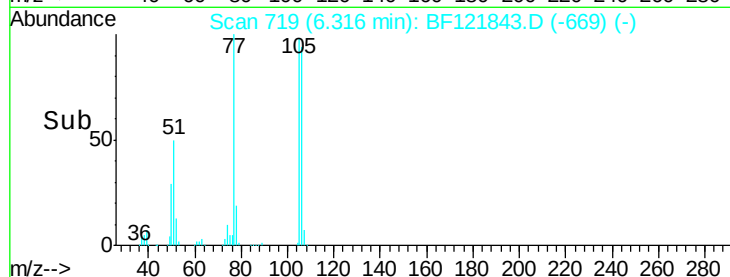
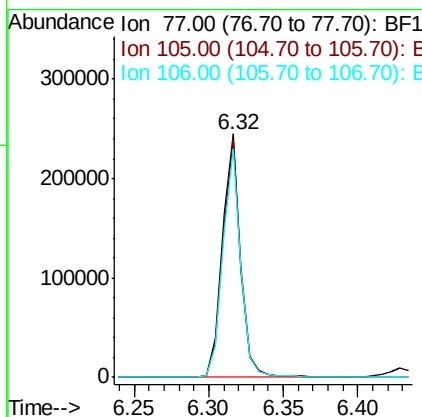
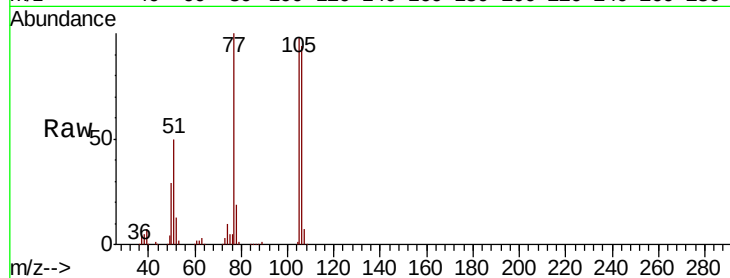
ClientSampleId :

PB132042BS

Tot Ion:	77	Resp:	210623
Ion	Ratio	Lower	Upper
77	100		
105	98.1	76.7	116.7
106	93.9	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 36.478 ng

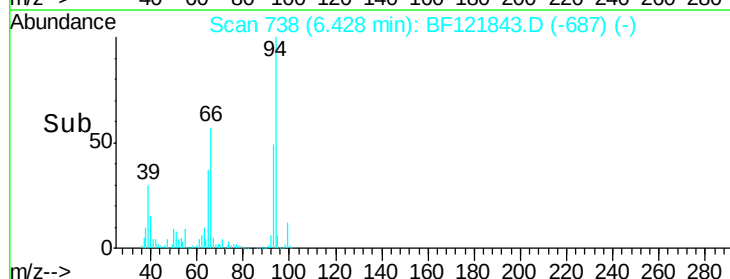
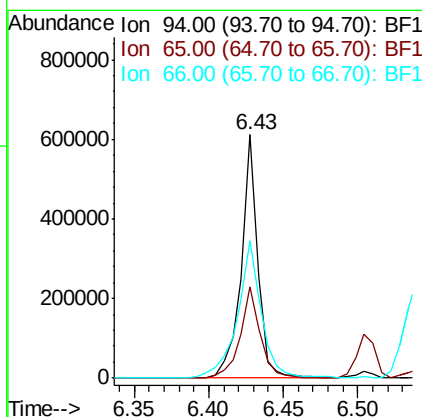
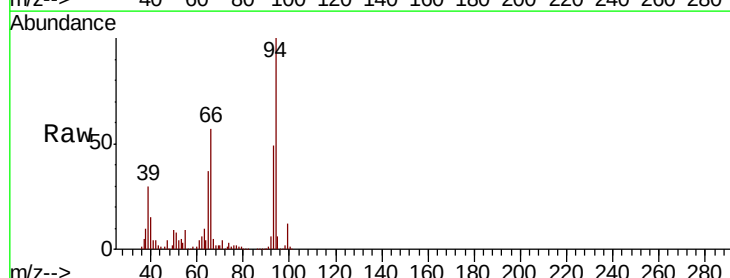
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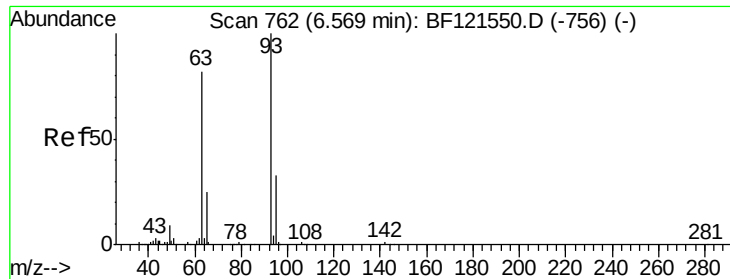
Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:	94	Resp:	477221
Ion	Ratio	Lower	Upper
94	100		
65	37.3	17.1	57.1
66	56.6	36.0	76.0





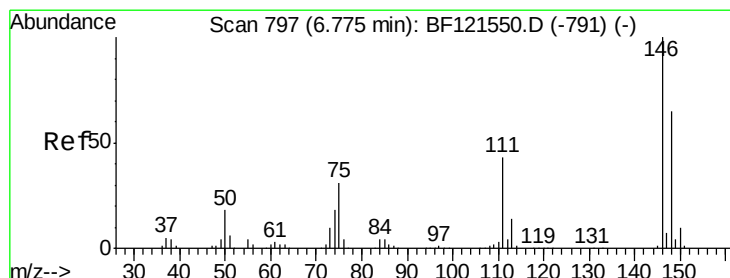
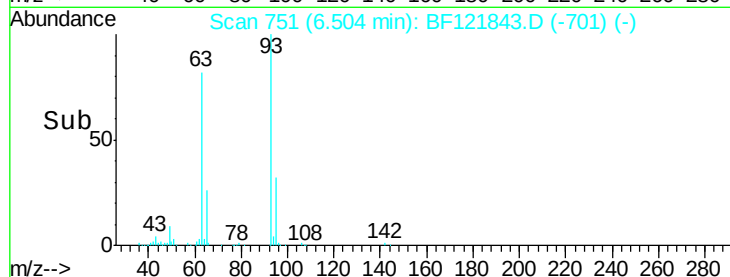
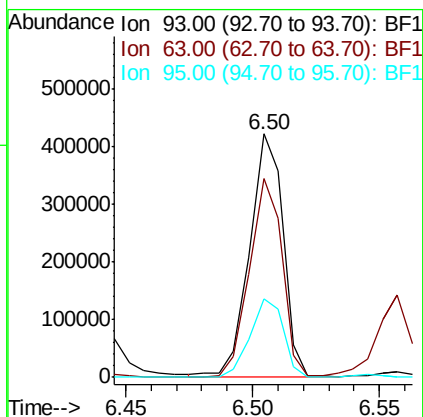
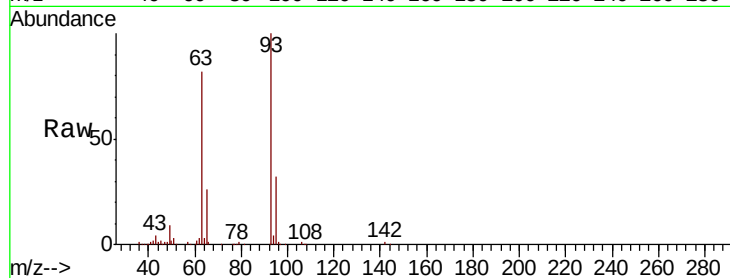
#11
bis(2-Chloroethyl)ether
Concen: 39.310 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	62.4	102.4
95	32.2	12.6	52.6

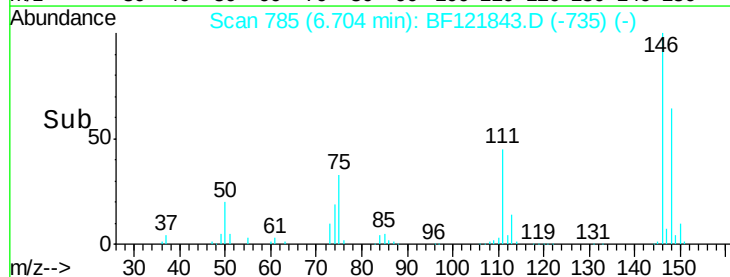
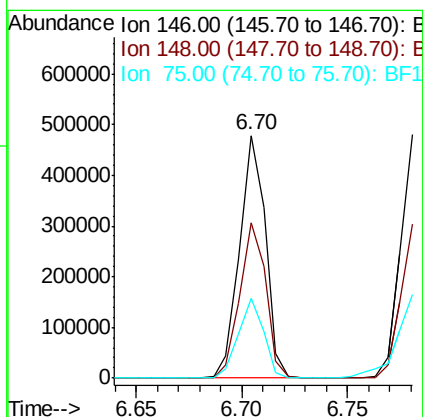
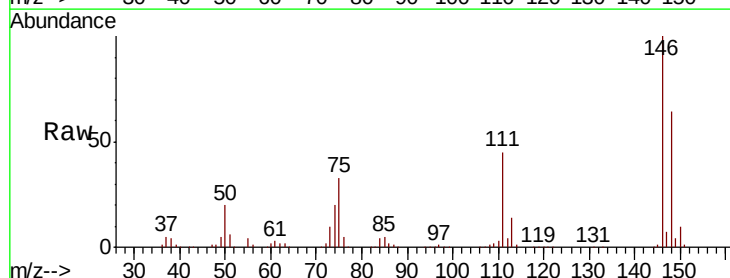
Manual Integrations
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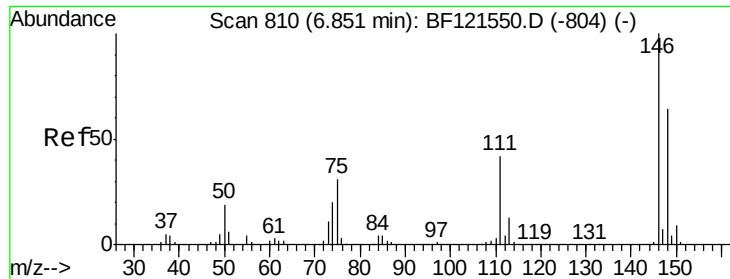
mohammad
10/7/2020 10:40:30 AM



#12
1,3-Dichlorobenzene
Concen: 38.119 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
75	32.8	27.6	41.4





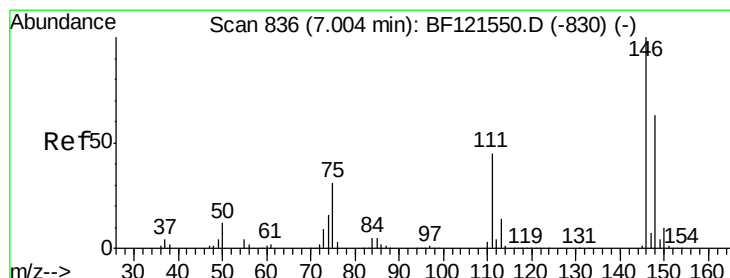
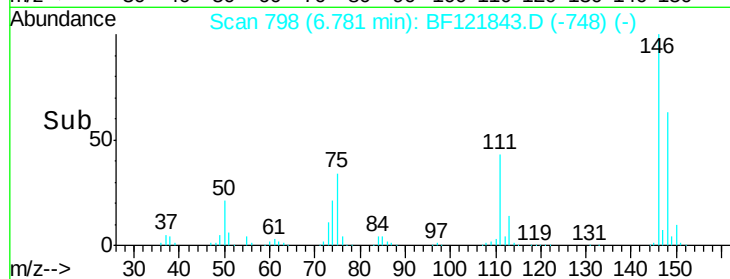
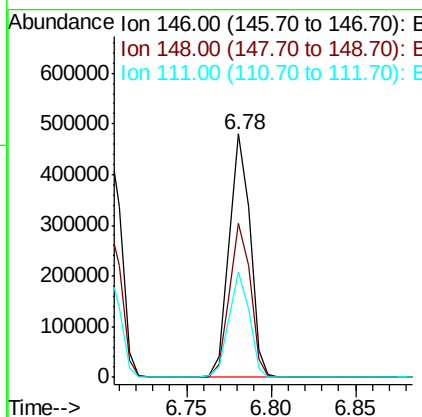
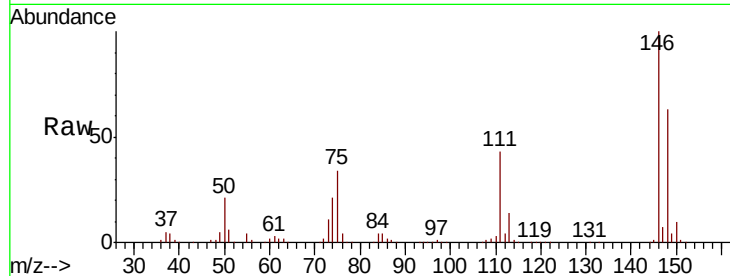
#13
 1,4-Dichlorobenzene
 Concen: 38.682 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.1	75.1
111	43.2	34.6	52.0

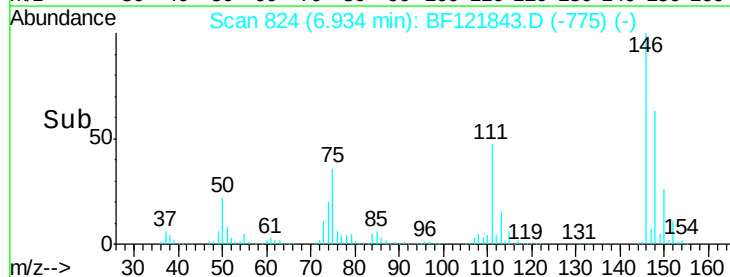
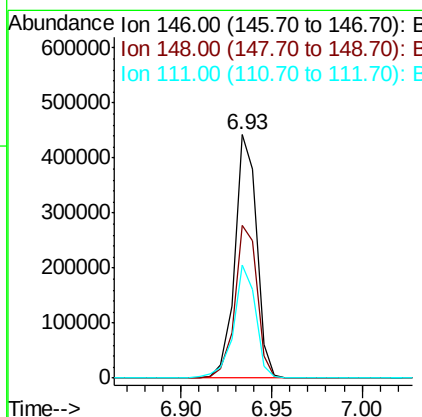
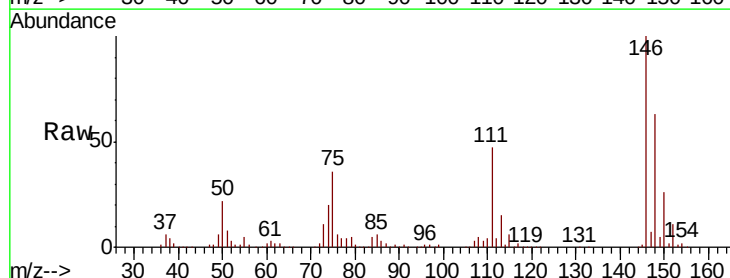
Manual Integrations
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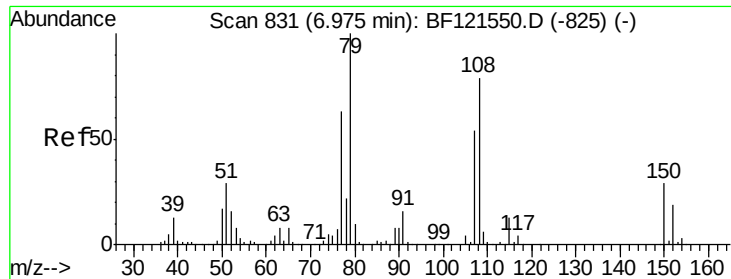
mohammad
 10/7/2020 10:40:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.732 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.1	76.7
111	46.6	34.2	51.4





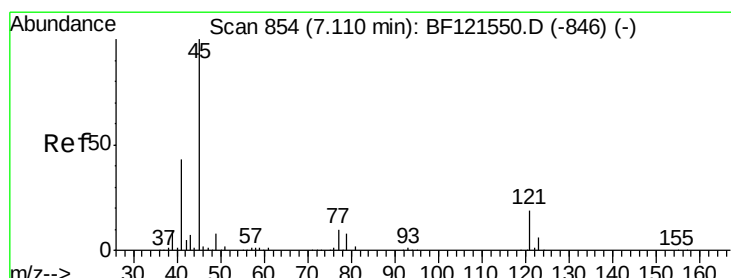
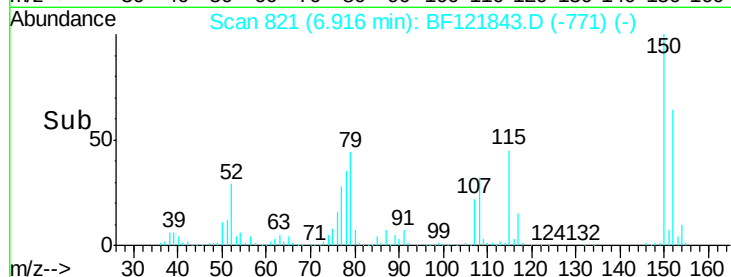
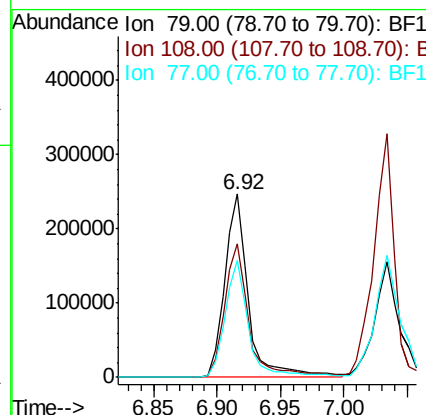
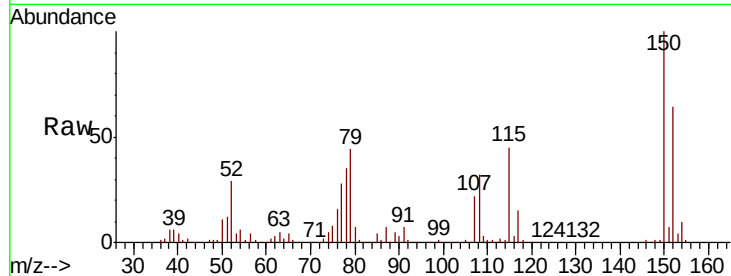
#15
Benzyl Alcohol
Concen: 38.447 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	62.3	93.5
77	64.0	50.6	75.8

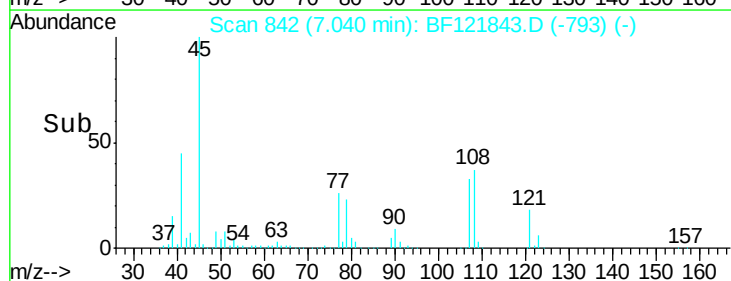
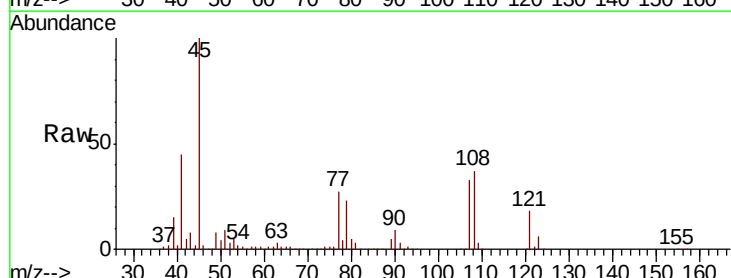
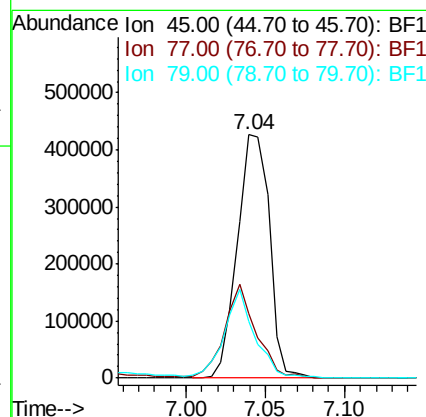
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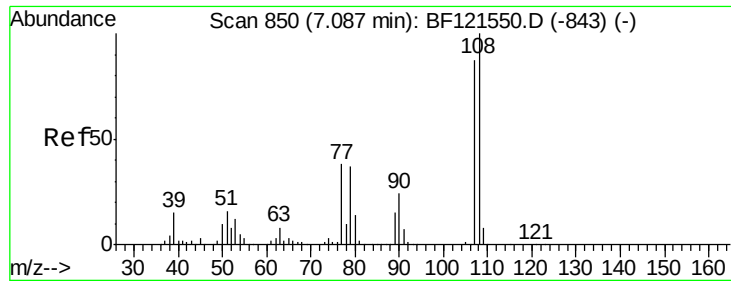
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.752 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	33.3
79	23.2	0.0	30.4





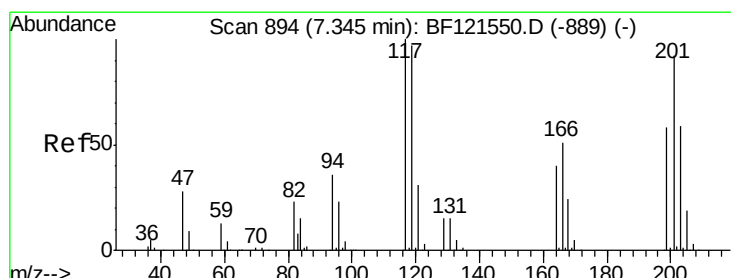
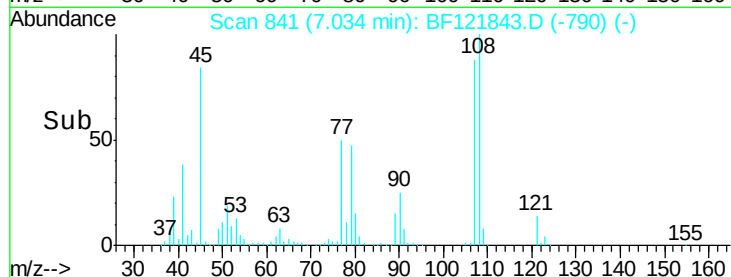
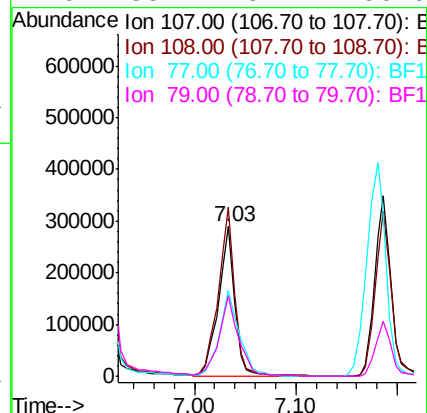
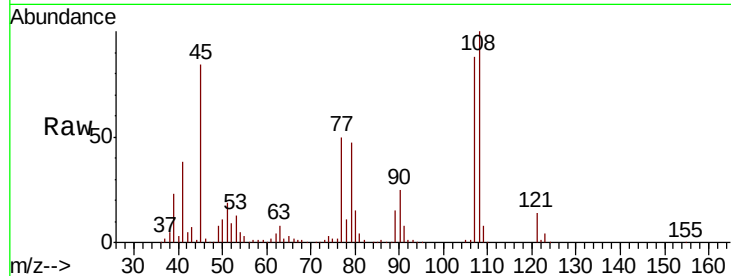
#17
2-Methylphenol
Concen: 40.334 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.9	136.3	
77	57.2	37.5	56.3	
79	53.7	37.4	56.0	

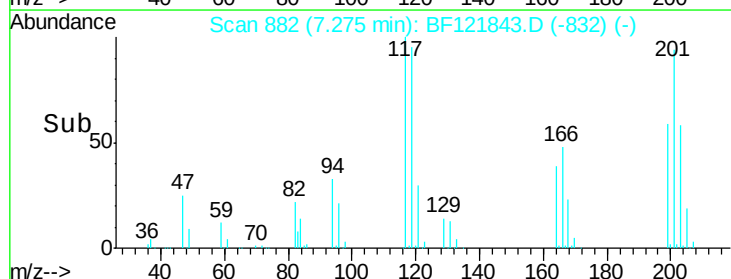
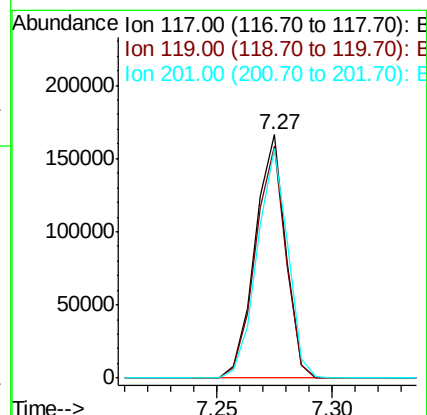
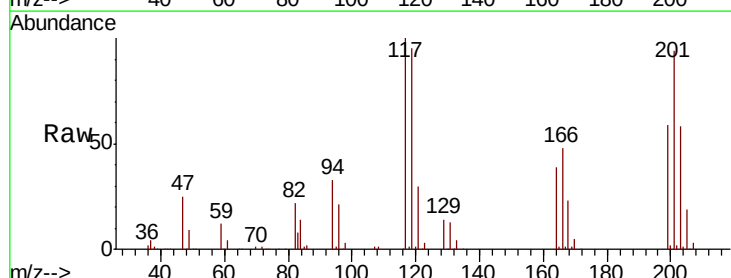
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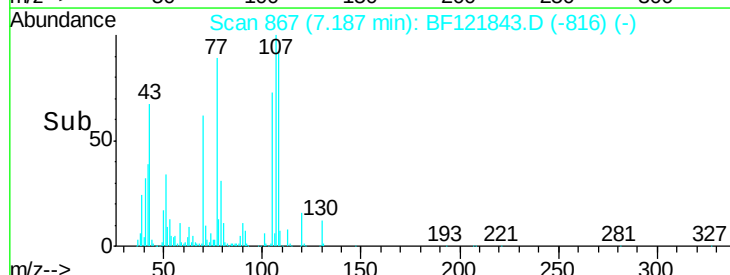
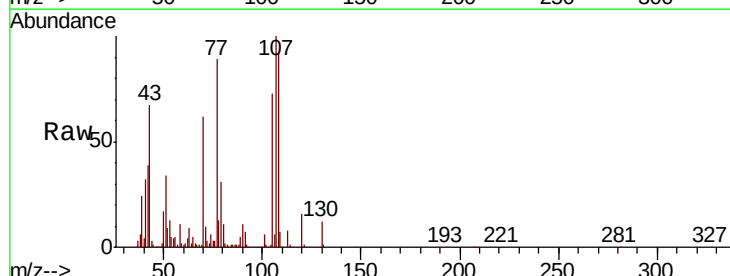
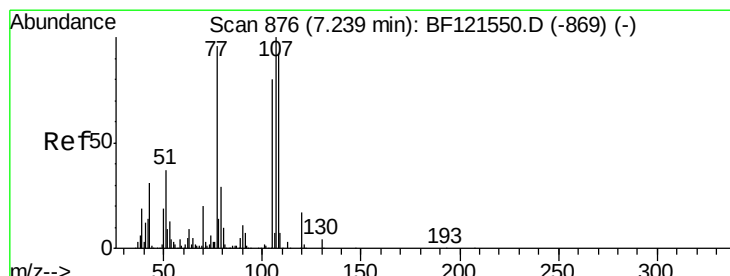
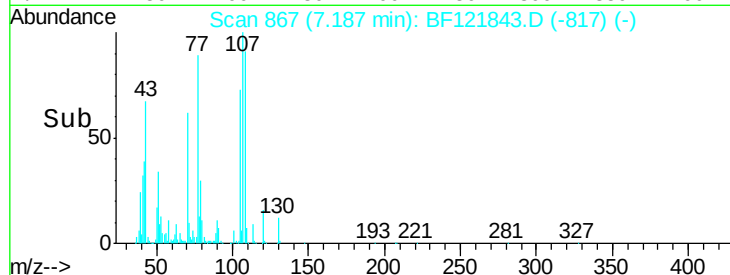
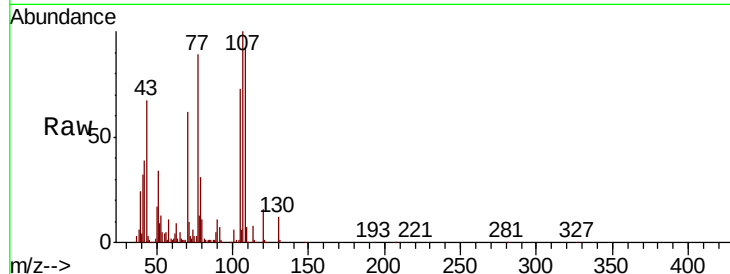
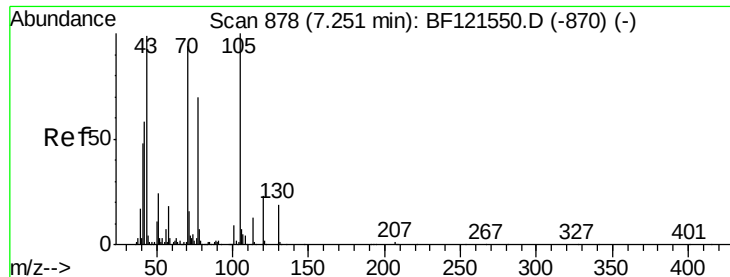
mohammad
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#18
Hexachloroethane
Concen: 40.089 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.3	114.5	
201	94.3	71.8	107.6	





#19

n-Nitroso-di-n-propylamine

Concen: 39.565 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF121843.D

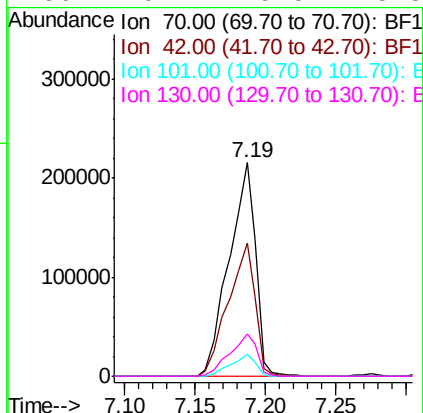
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.5	50.2	75.4	
101	9.9	7.5	11.3	
130	19.7	15.5	23.3	

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#20

3+4-Methylphenols

Concen: 40.216 ng

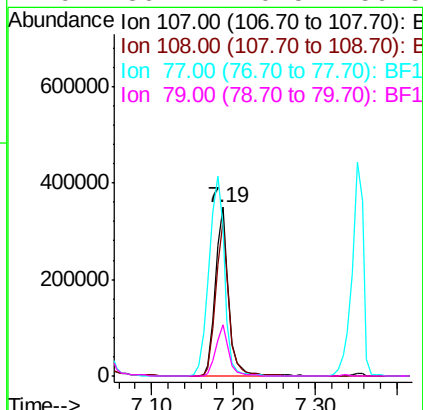
RT: 7.19 min Scan# 867

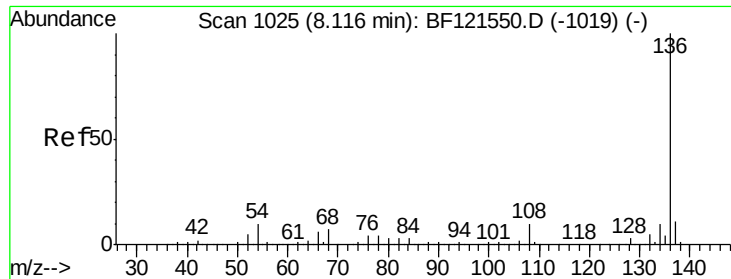
Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	68.9	108.9	
77	88.9	108.0	148.0	
79	30.7	10.5	50.5	





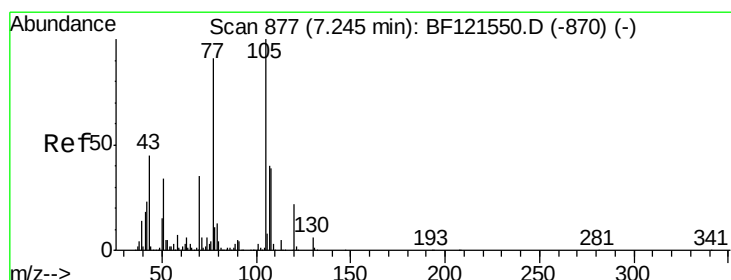
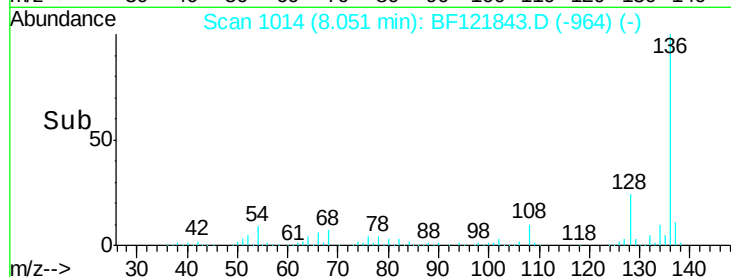
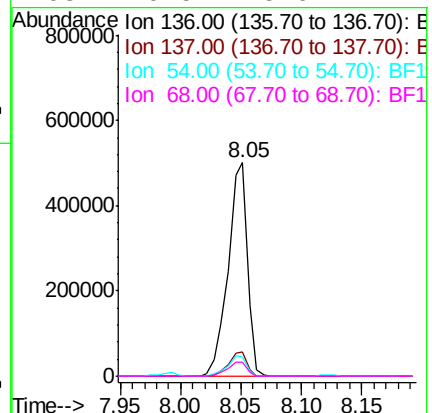
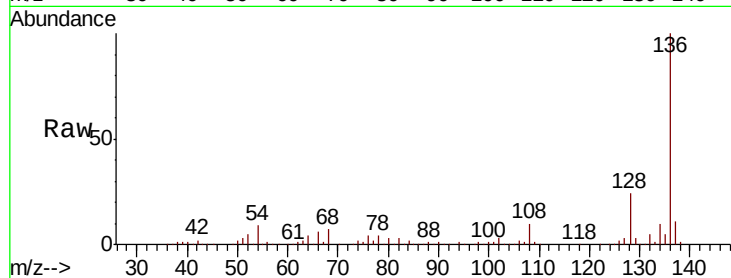
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	554397		
137	11.2	8.6	13.0	
54	8.9	7.1	10.7	
68	6.5	5.0	7.4	

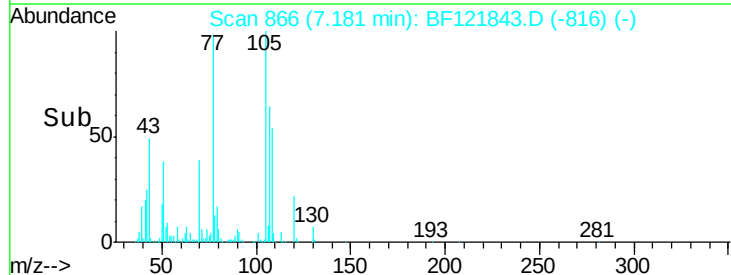
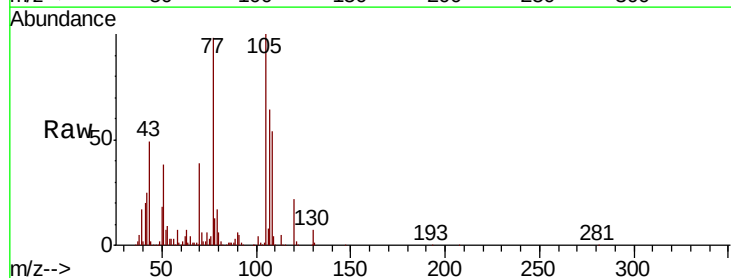
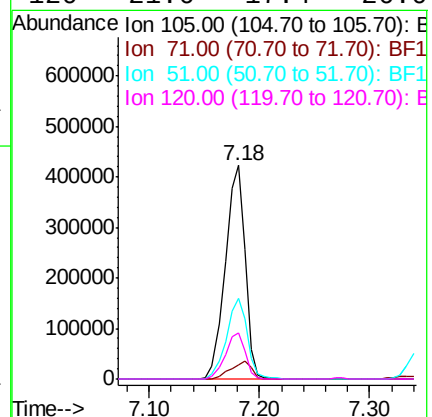
Manual Integrations
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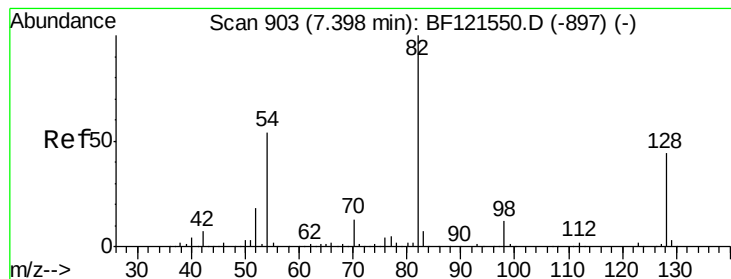
mohammad
10/7/2020 10:40:30 AM



#22
Acetophenone
Concen: 37.739 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530844		
71	6.4	5.3	7.9	
51	37.8	33.2	49.8	
120	21.6	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 100.628 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampled :

PB132042BS

Tot Ion: 82 Resp: 1039040

Ion Ratio Lower Upper

82 100

128 44.0 35.0 52.4

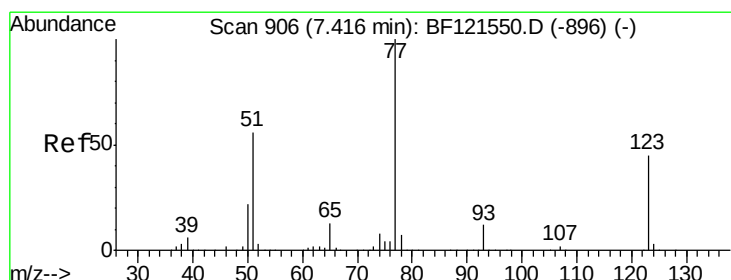
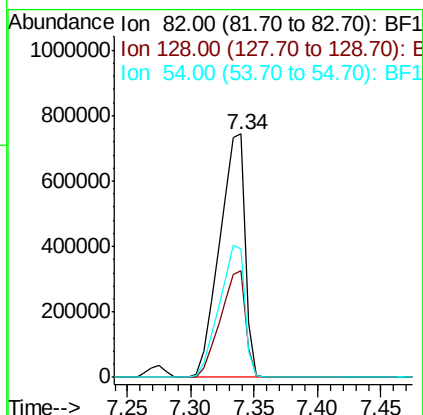
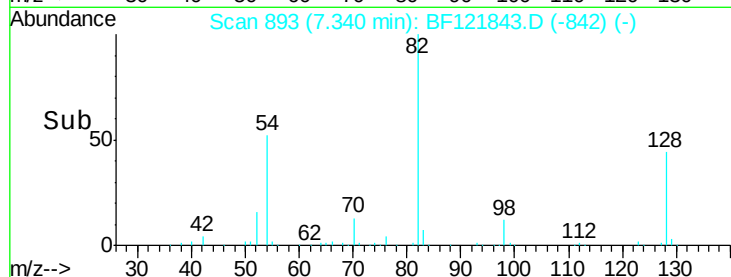
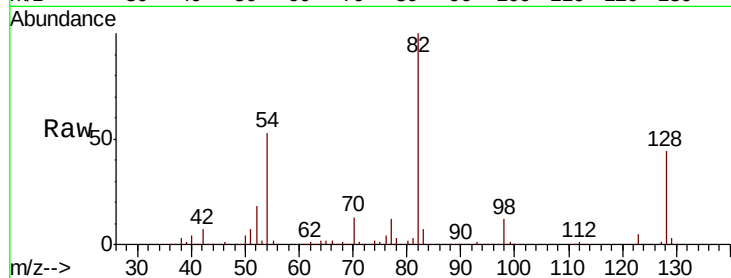
54 52.7 43.9 65.9

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#24

Nitrobenzene

Concen: 38.214 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

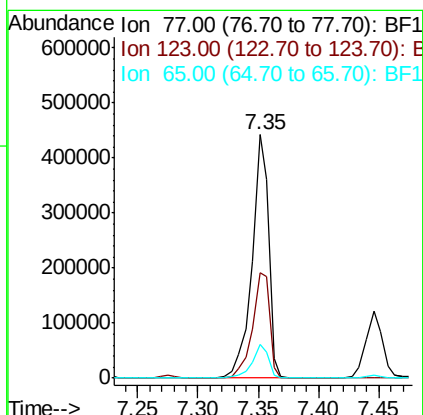
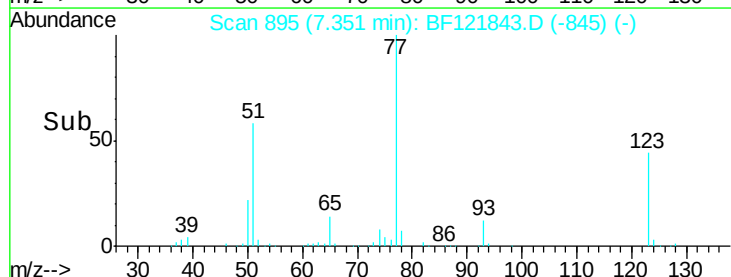
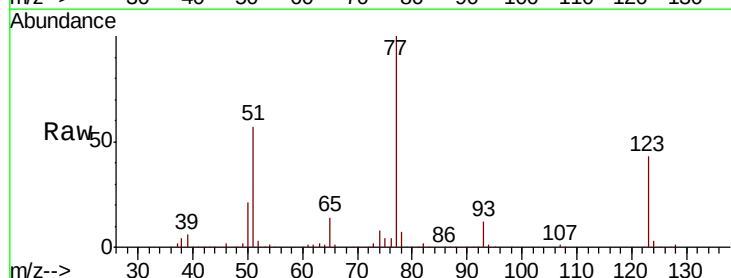
Tgt Ion: 77 Resp: 426761

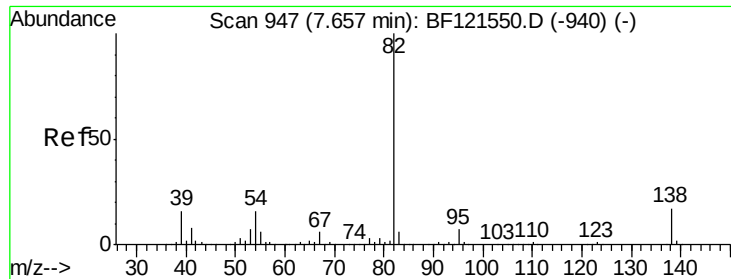
Ion Ratio Lower Upper

77 100

123 43.5 35.6 53.4

65 13.9 11.2 16.8





#25

Isophorone

Concen: 37.771 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

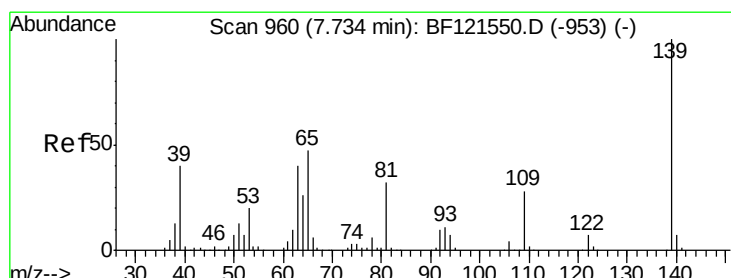
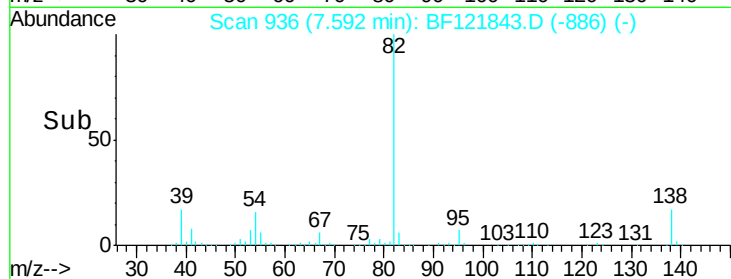
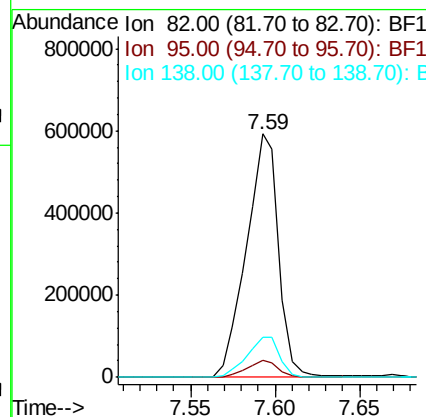
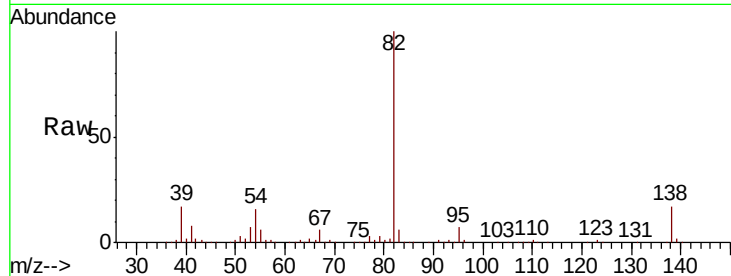
ClientSampleId :

PB132042BS

Tot Ion:	82	Resp:	785088
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.0
138	16.6	13.4	20.0

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#26

2-Nitrophenol

Concen: 40.449 ng

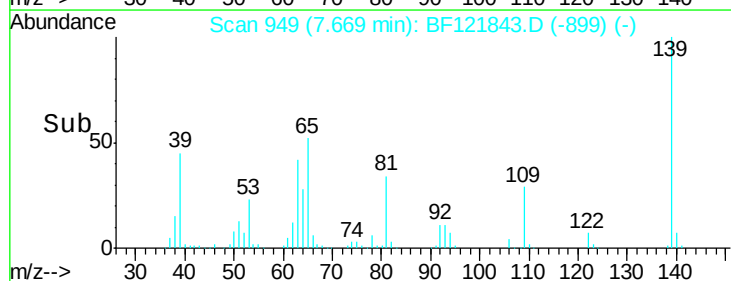
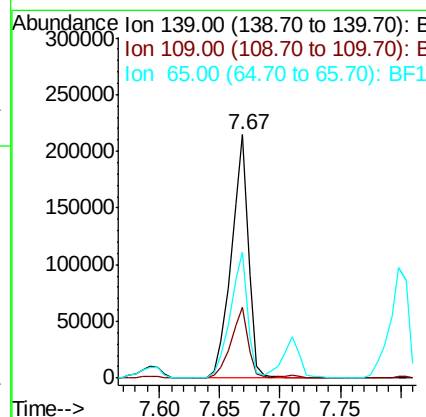
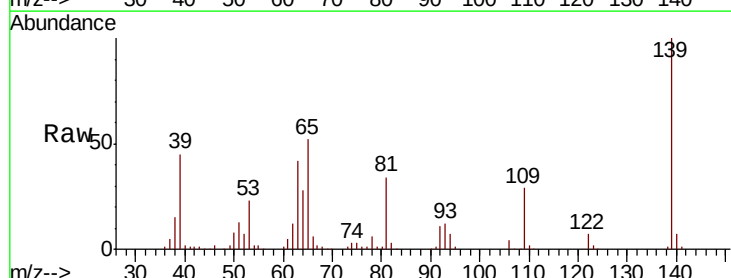
RT: 7.67 min Scan# 949

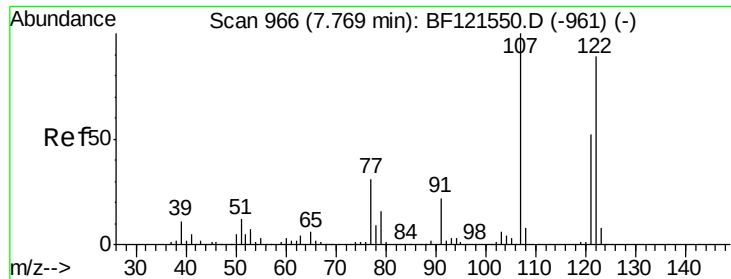
Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:	139	Resp:	210420
Ion Ratio		Lower	Upper
139	100		
109	29.2	23.0	34.4
65	51.7	39.9	59.9





#27

2,4-Dimethylphenol

Concen: 37.394 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

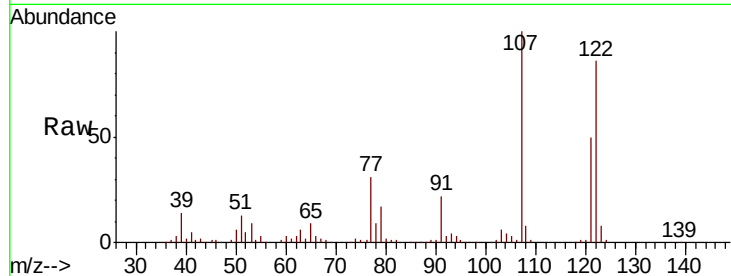
ClientSampleId :

PB132042BS

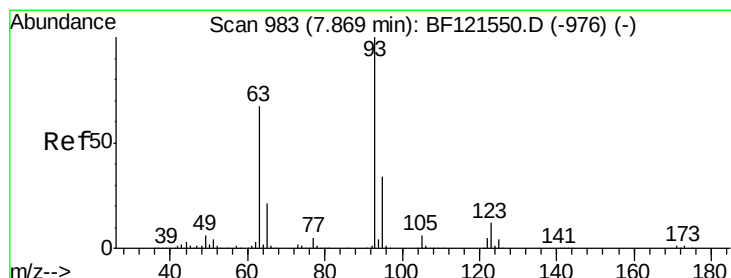
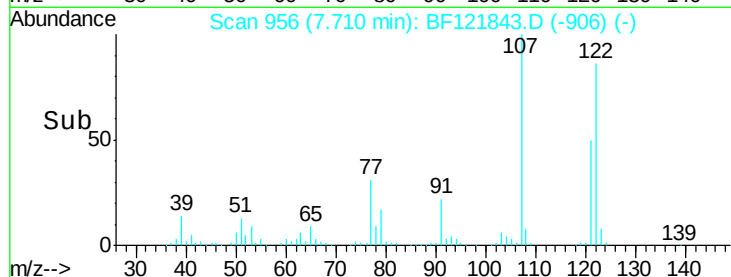
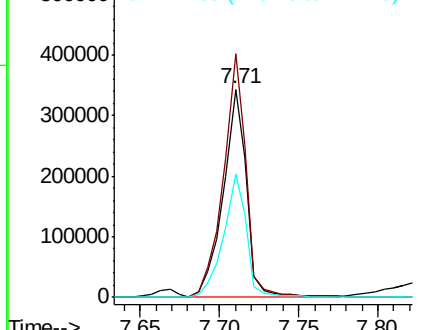
Tot Ion:	122	Resp:	346948
Ion Ratio	Lower	Upper	
122	100		
107	116.9	90.8	136.2
121	59.0	47.5	71.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.493 ng

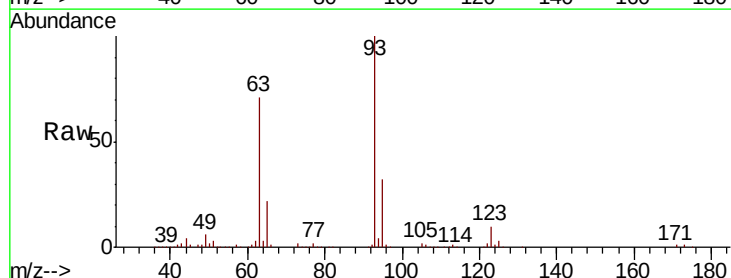
RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

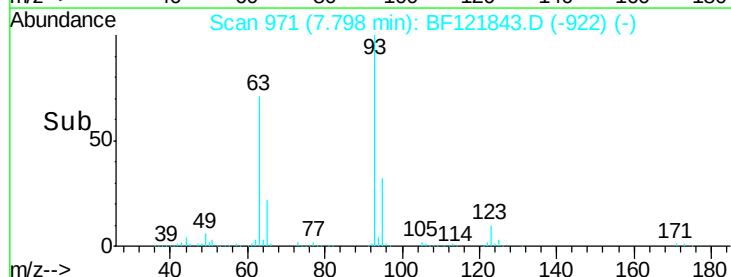
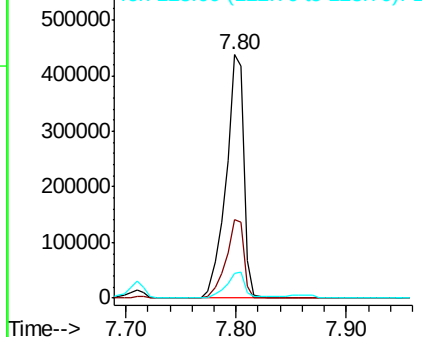
Lab File: BF121843.D

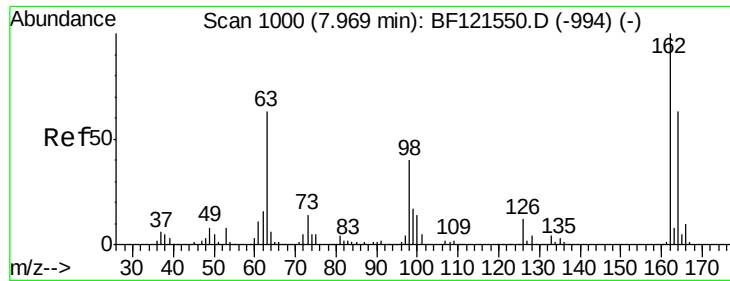
Acq: 6 Oct 2020 10:04

Tgt Ion:	93	Resp:	495316
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.4
123	10.3	8.8	13.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





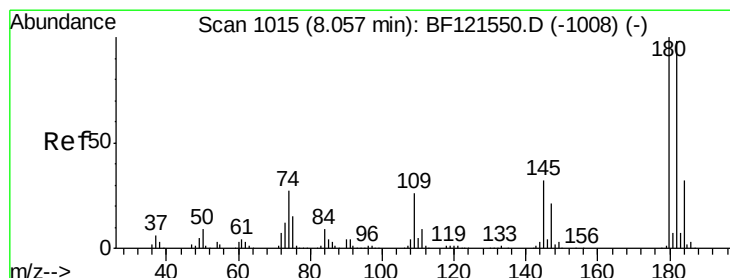
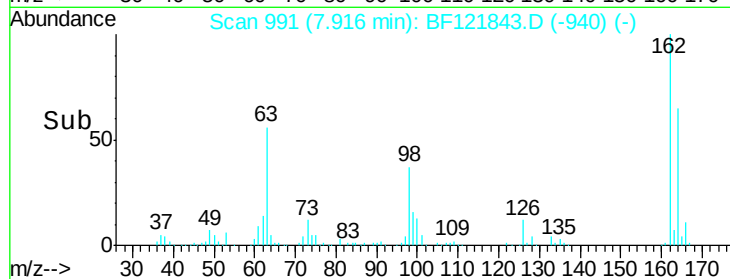
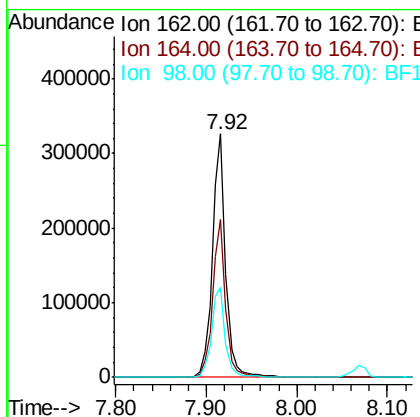
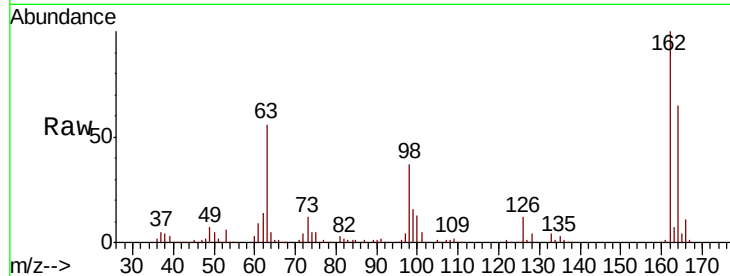
#29
 2,4-Dichlorophenol
 Concen: 39.319 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		332270		
164	64.6	42.5		82.5	
98	37.2	20.1		60.1	

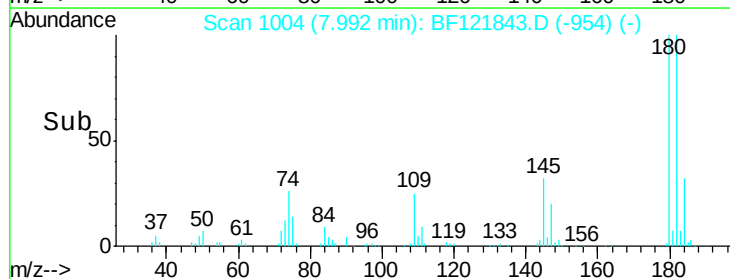
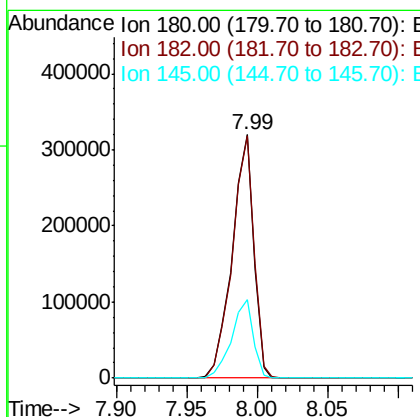
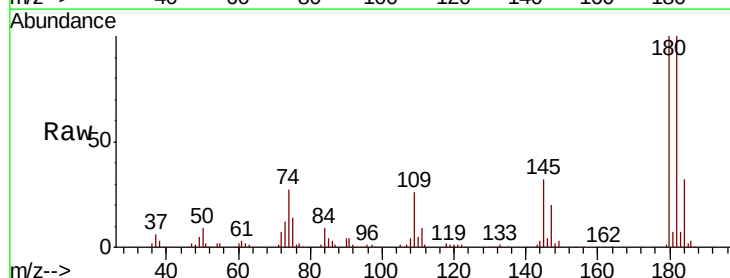
Manual Integrations
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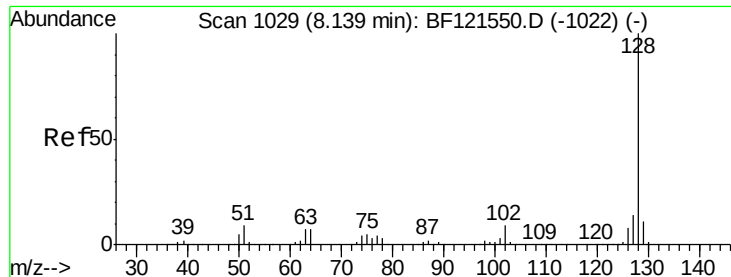
mohammad
 10/7/2020 10:40:30 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.197 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		339960		
182	99.5	79.4		119.2	
145	32.3	25.5		38.3	





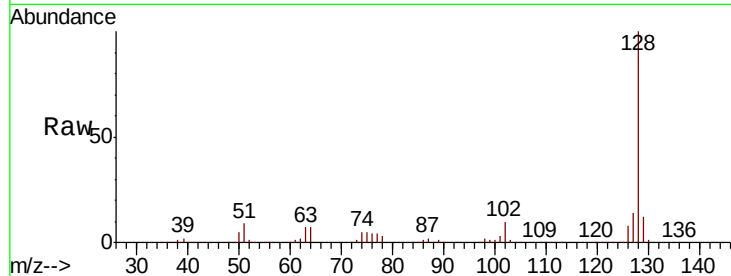
#31
Naphthalene
Concen: 37.940 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

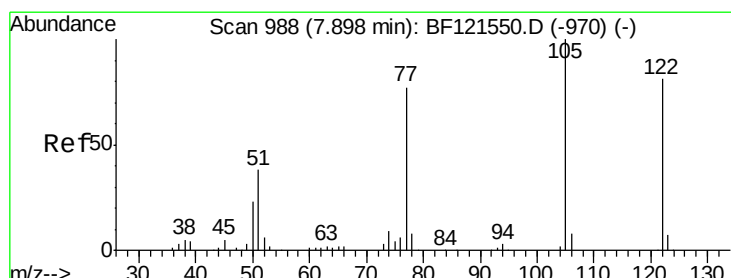
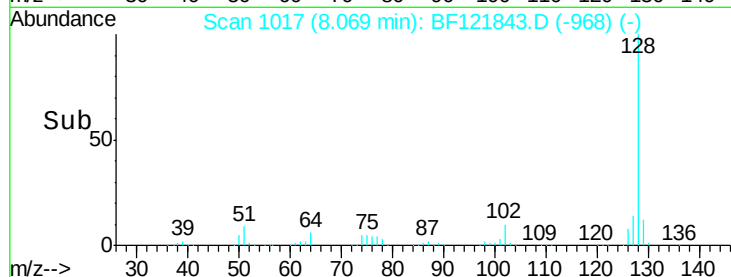
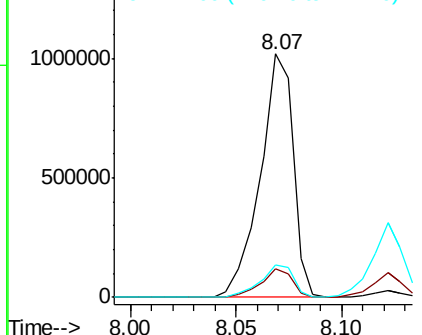
Tot Ion:128 Resp: 1110350
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 10.8 16.2

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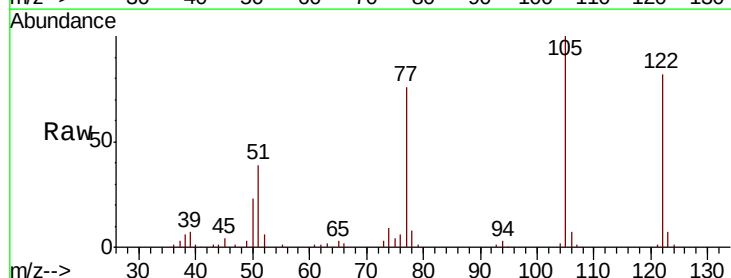


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

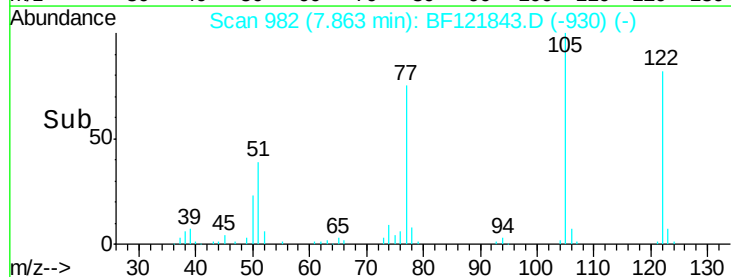
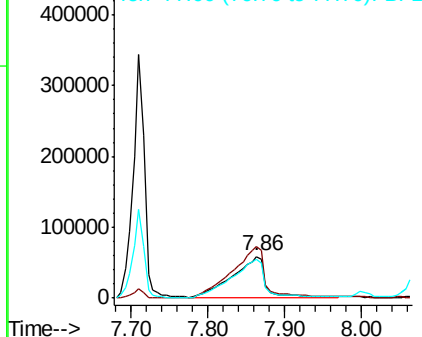


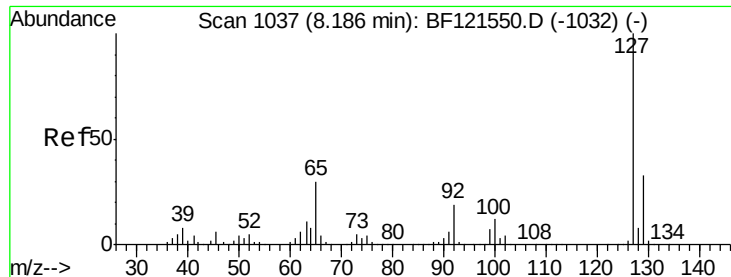
#32
Benzoic acid
Concen: 28.066 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:122 Resp: 170979
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 92.2 73.9 113.9



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





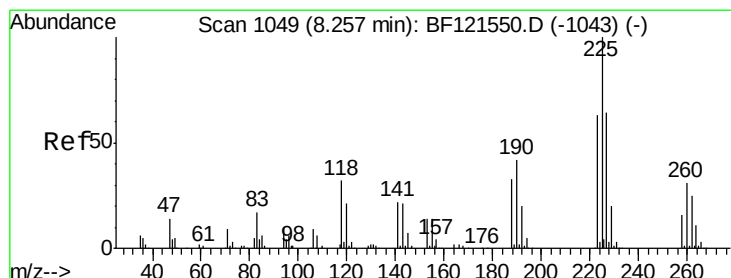
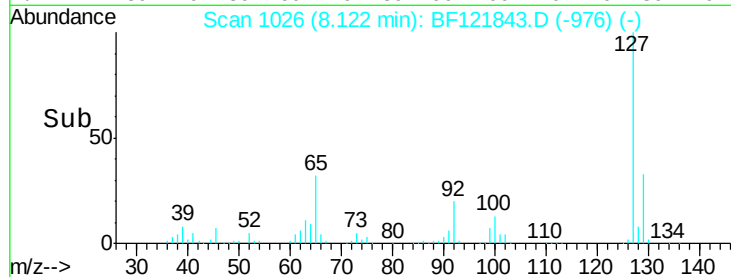
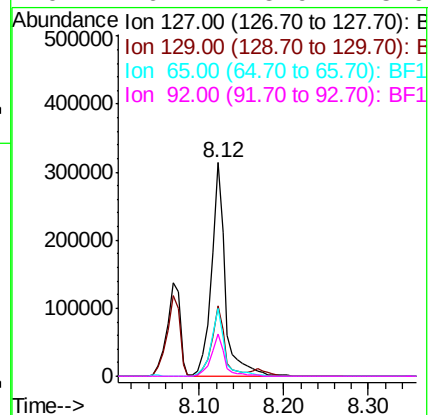
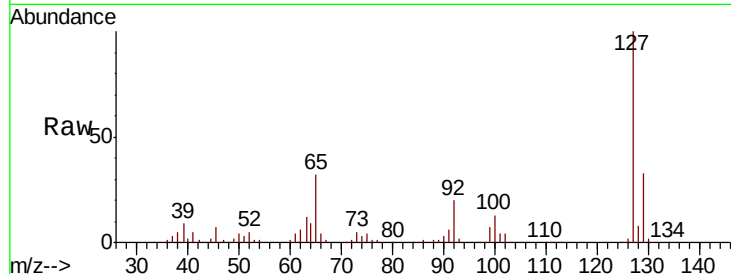
#33
 4-Chloroaniline
 Concen: 28.037 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	355674		
129	32.7	26.3	39.5	
65	32.0	26.2	39.2	
92	20.1	15.9	23.9	

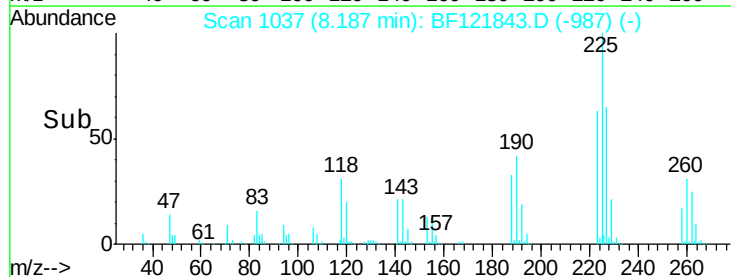
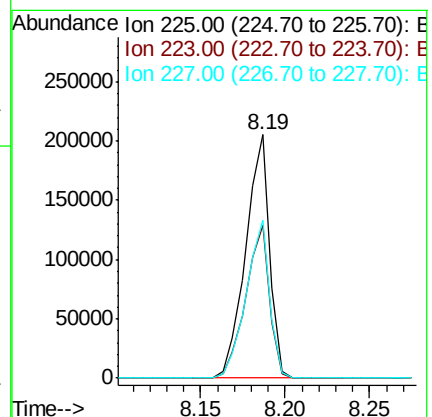
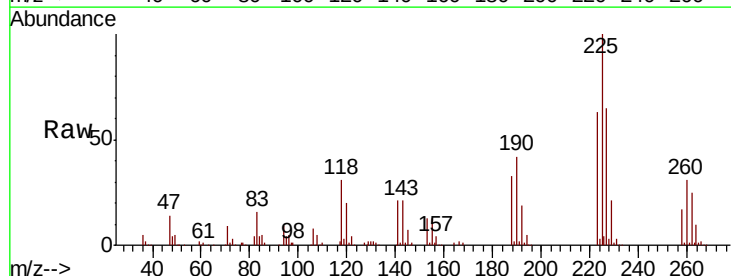
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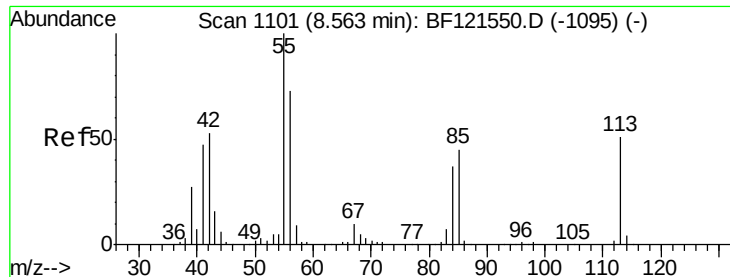
mohammad
 10/7/2020 10:40:30 AM



#34
 Hexachlorobutadiene
 Concen: 38.779 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	202585		
223	62.9	51.1	76.7	
227	64.6	51.0	76.6	





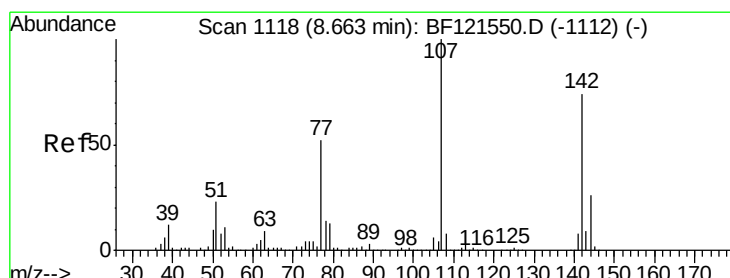
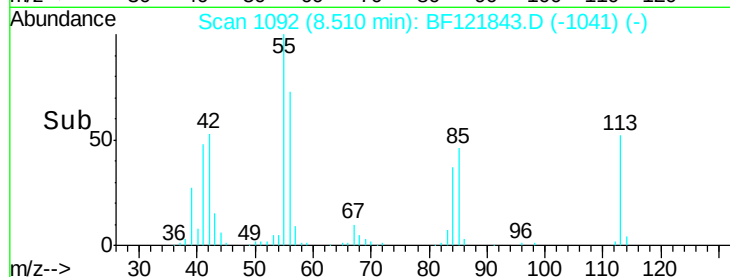
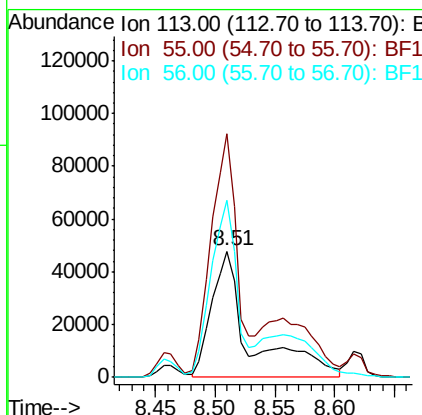
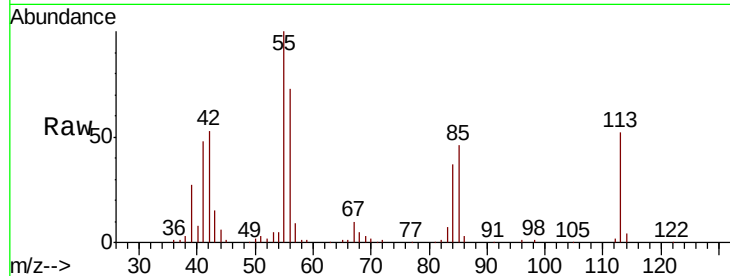
#35
 Caprolactam
 Concen: 38.530 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleID :
 PB132042BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.6	167.5	207.5
56	139.7	121.2	161.2

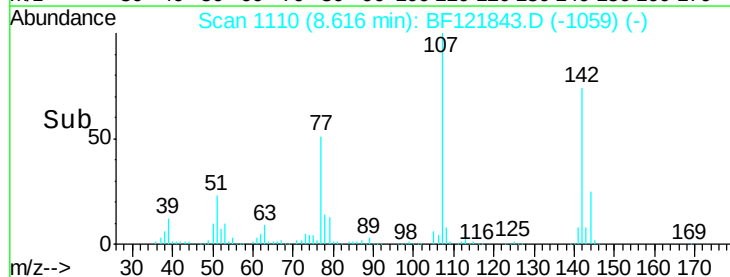
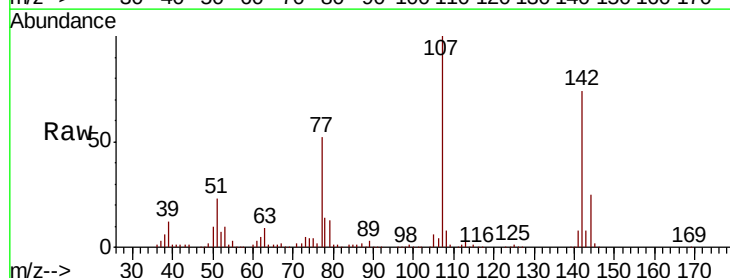
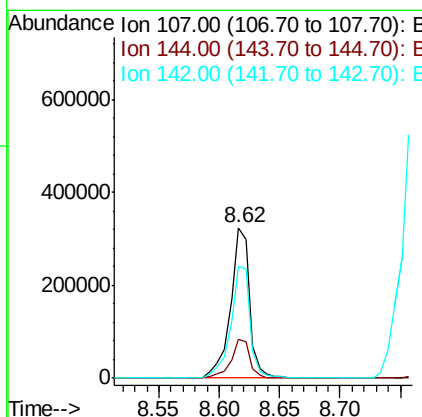
Manual Integrations
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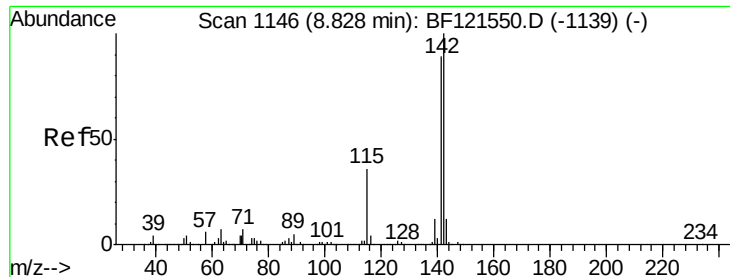
mohammad
 10/7/2020 10:40:30 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.441 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.1	30.1
142	74.1	59.3	88.9





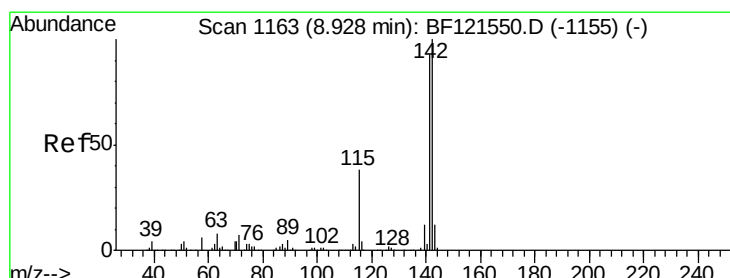
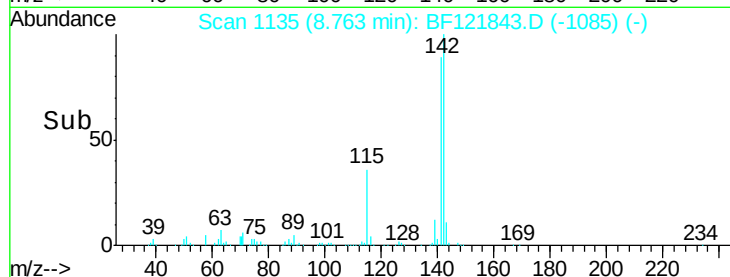
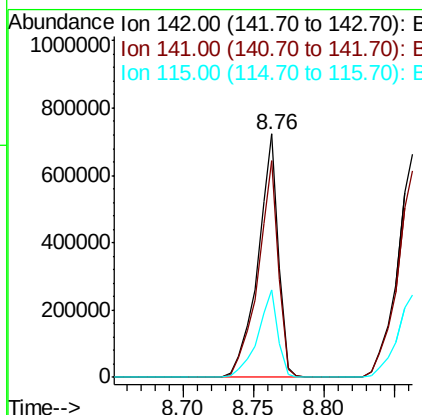
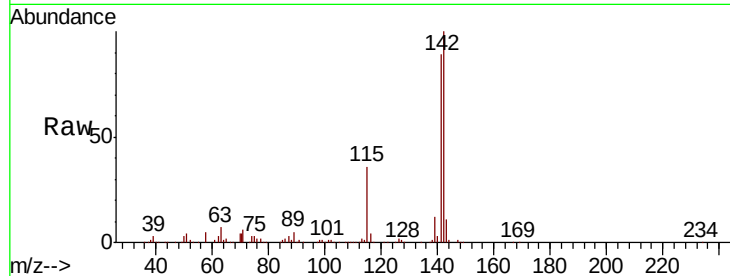
#37
2-Methylnaphthalene
Concen: 38.669 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.4
115	35.7	28.6	43.0

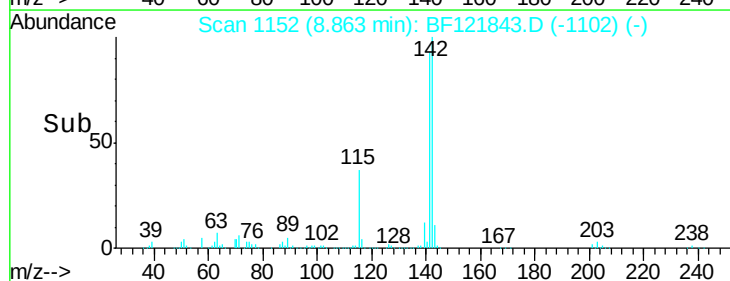
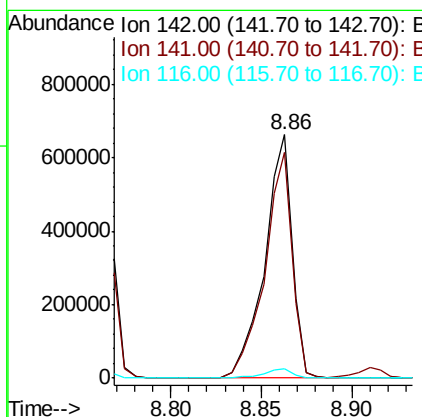
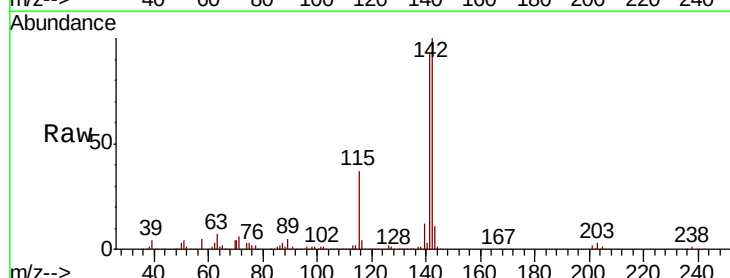
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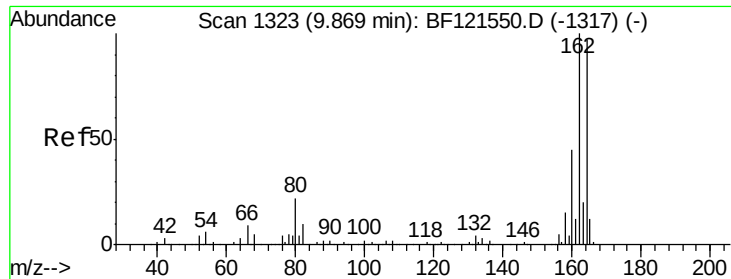
mohammad
10/7/2020 10:40:30 AM



#38
1-Methylnaphthalene
Concen: 38.779 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.5	111.7
116	3.9	3.2	4.8





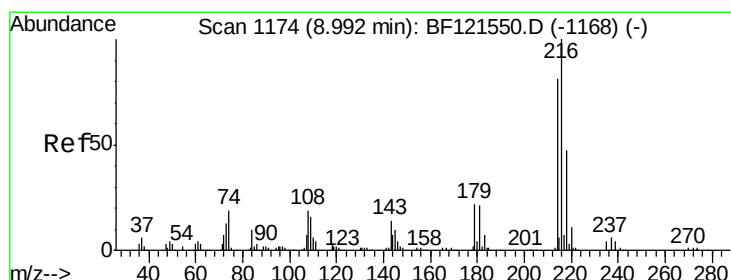
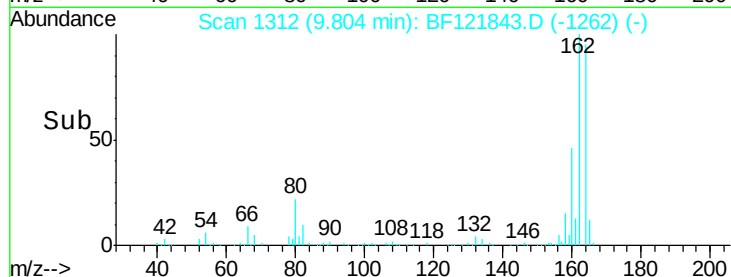
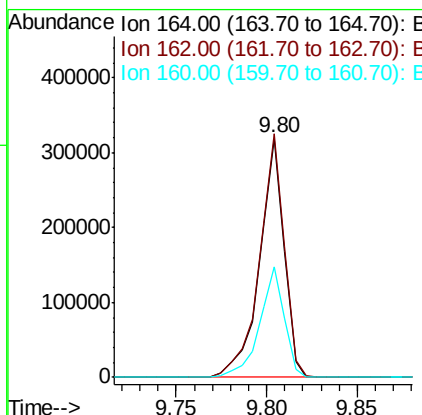
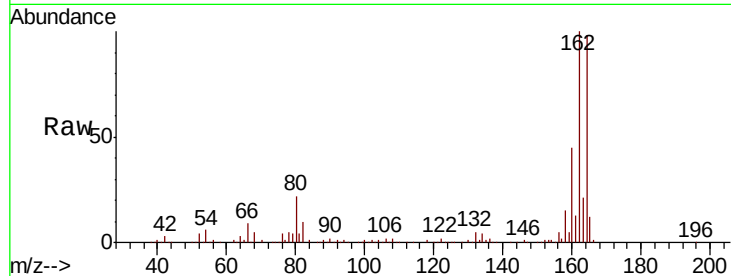
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	83.2	124.8	
160	46.3	37.5	56.3	

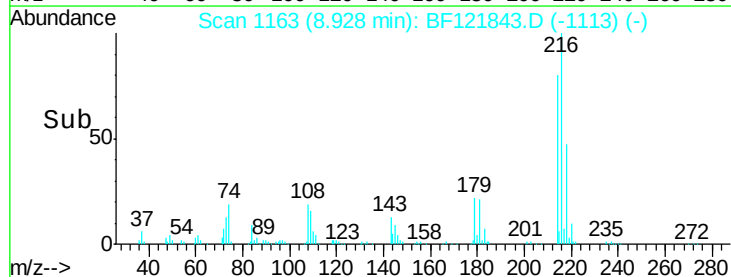
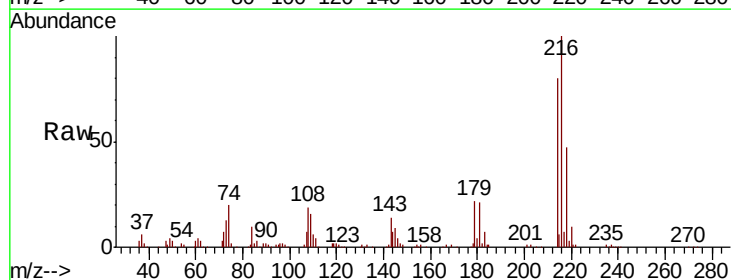
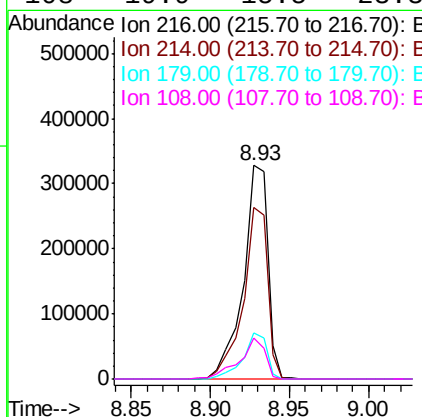
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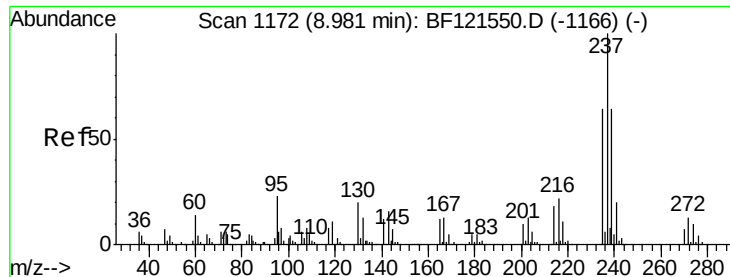
mohammad
10/7/2020 10:40:30 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.216 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.4	95.2	
179	20.8	17.0	25.6	
108	19.9	15.5	23.3	





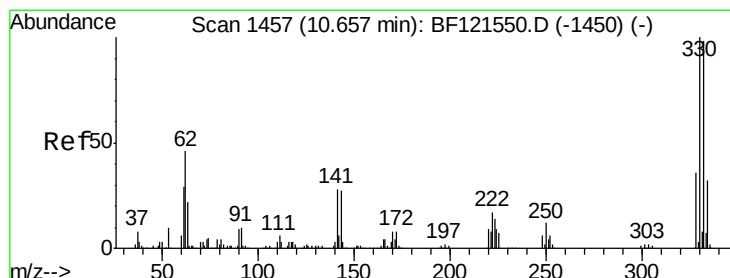
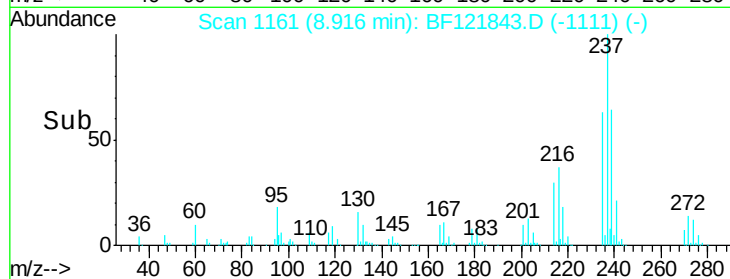
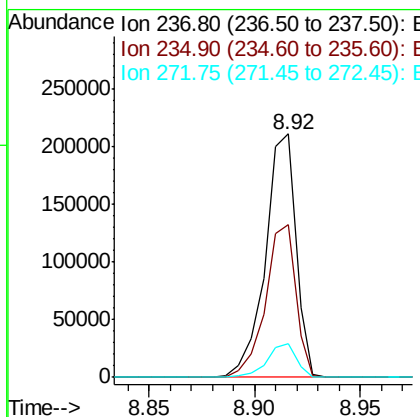
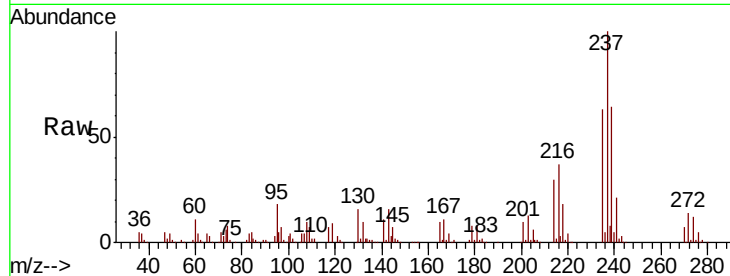
#41
Hexachlorocyclopentadiene
Concen: 39.635 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	41.8	81.8
272	14.1	0.0	33.5

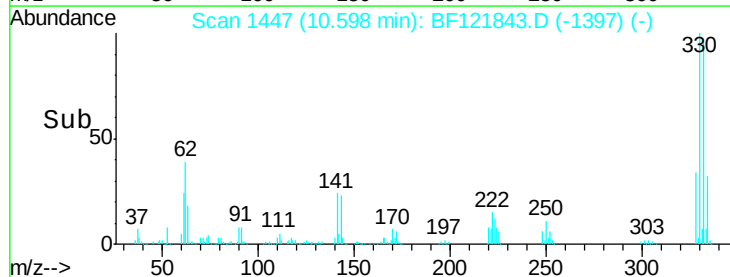
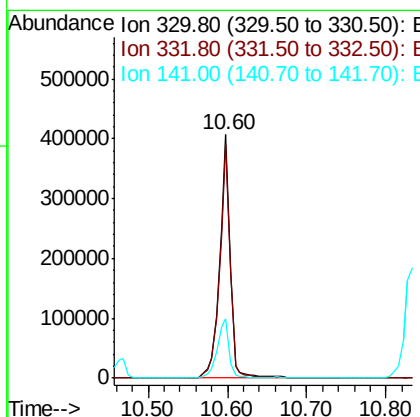
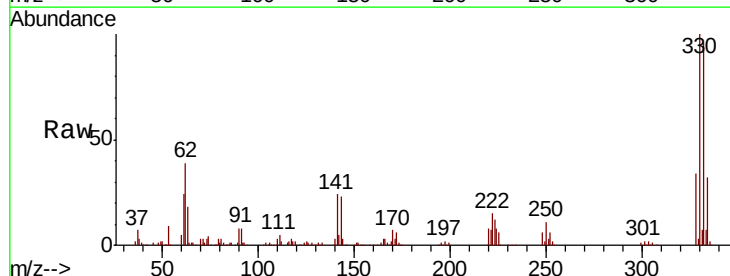
Manual Integrations
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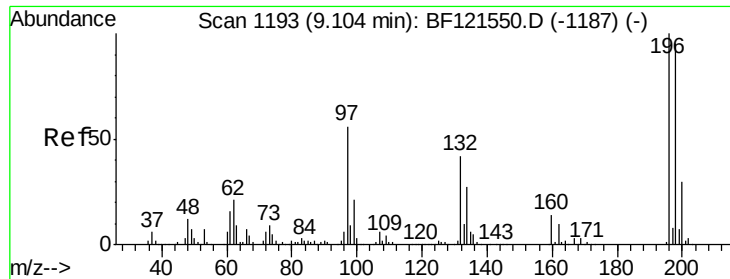
mohammad
10/7/2020 10:40:30 AM



#42
2,4,6-Tribromophenol
Concen: 101.029 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	77.3	115.9
141	27.4	22.3	33.5





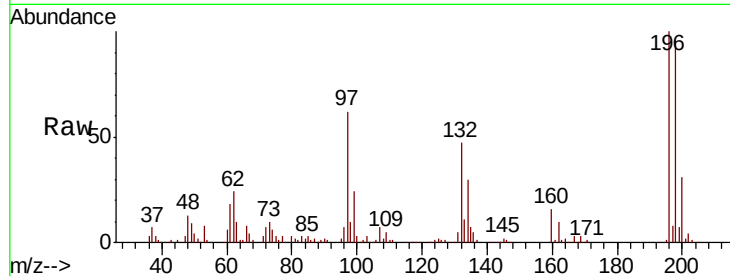
#43
2,4,6-Trichlorophenol
Concen: 35.877 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230385		
198	95.9	75.8	113.6	
200	30.7	24.6	36.8	

Manual Integrations
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10/7/2020 10:40:30 AM

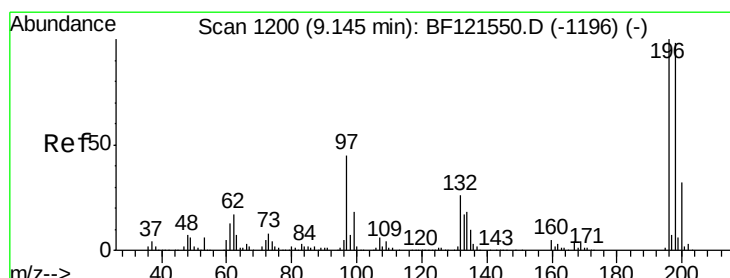
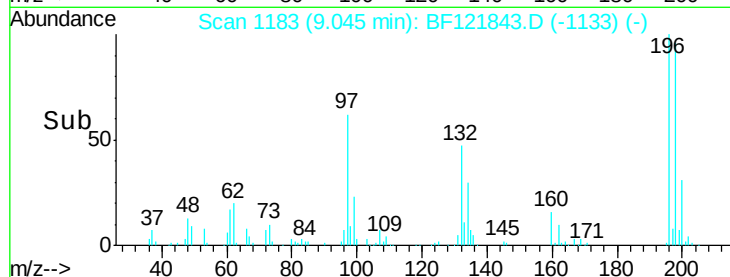
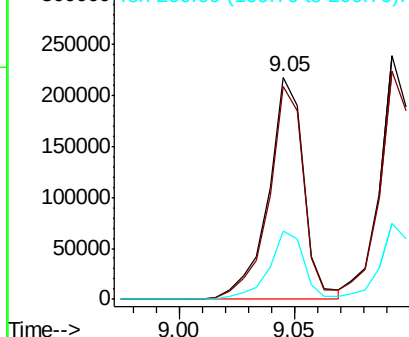


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 35.693 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242306		
198	93.7	76.1	114.1	
97	55.4	41.0	61.6	
132	30.3	22.4	33.6	

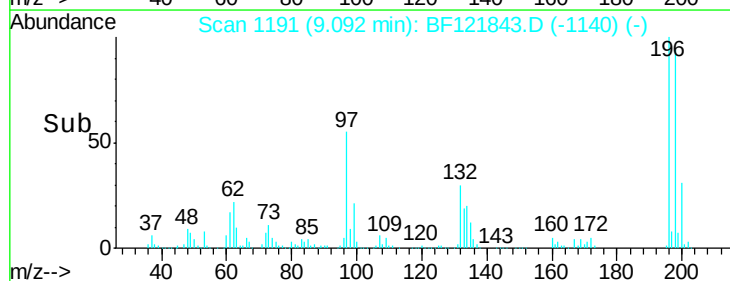
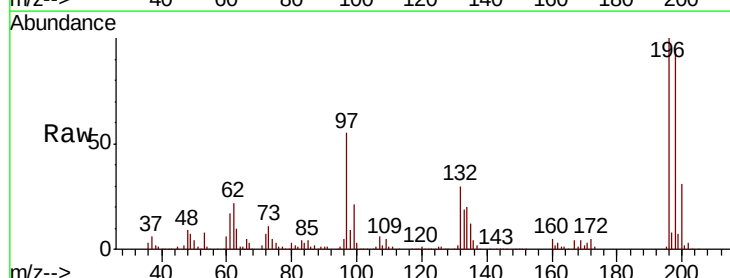
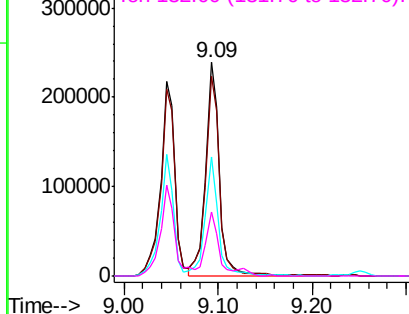
Abundance

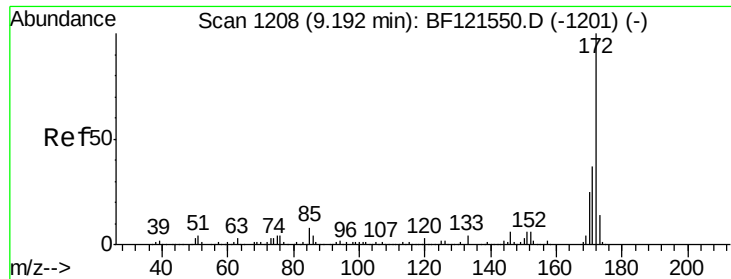
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





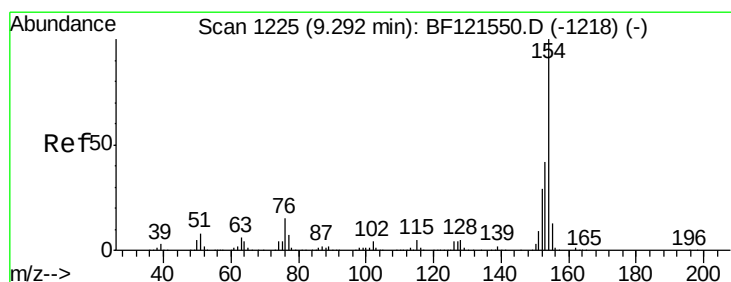
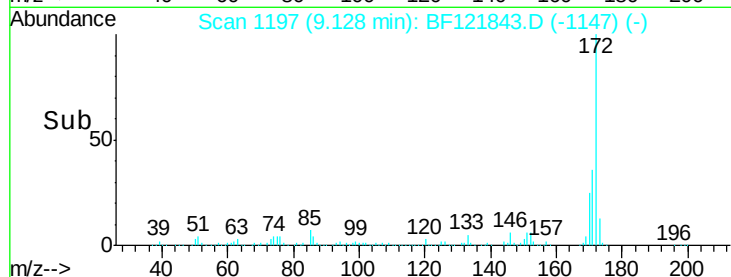
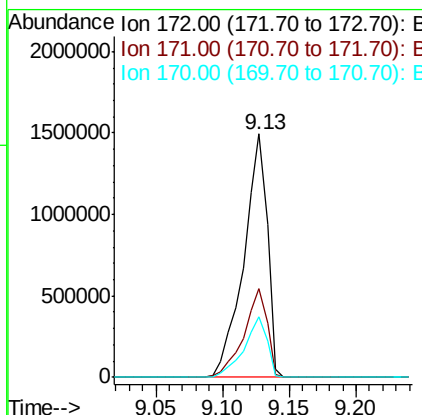
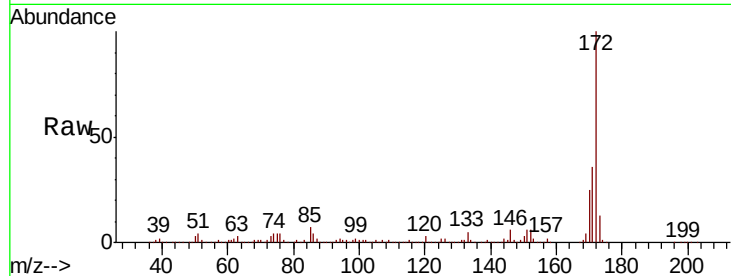
#45
2-Fluorobiphenyl
Concen: 90.525 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.7	19.8	29.6

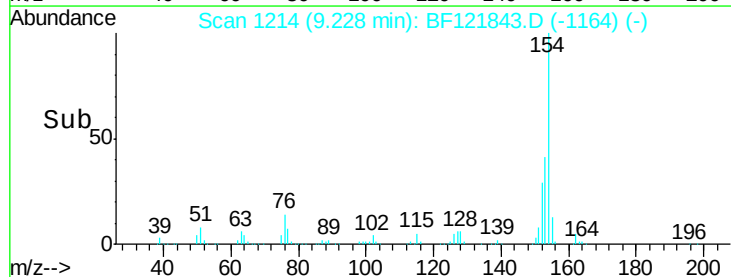
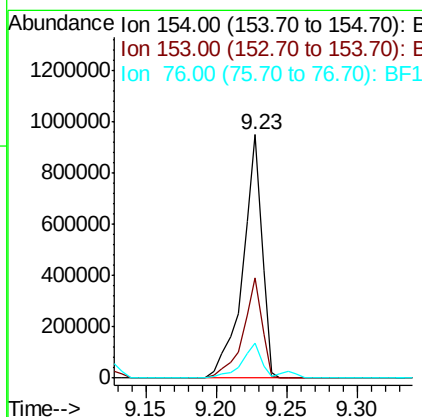
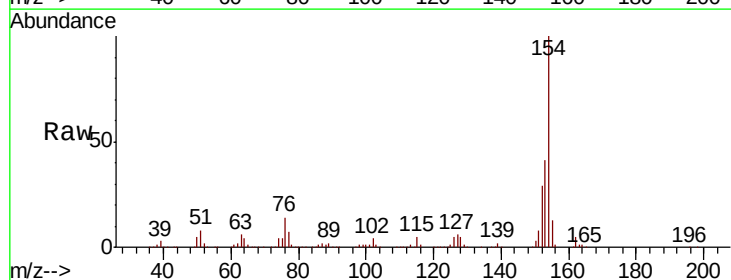
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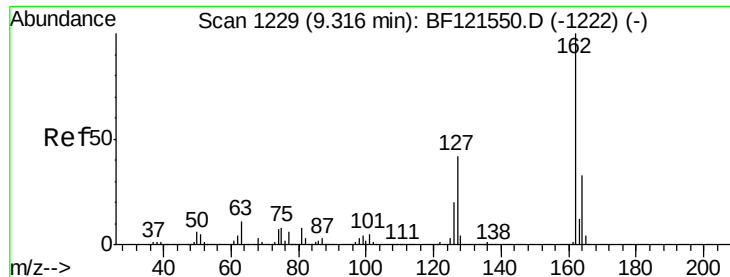
mohammad
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#46
1,1'-Biphenyl
Concen: 36.999 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.4	0.0	34.7





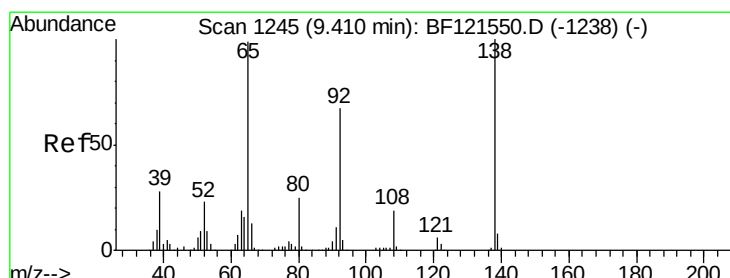
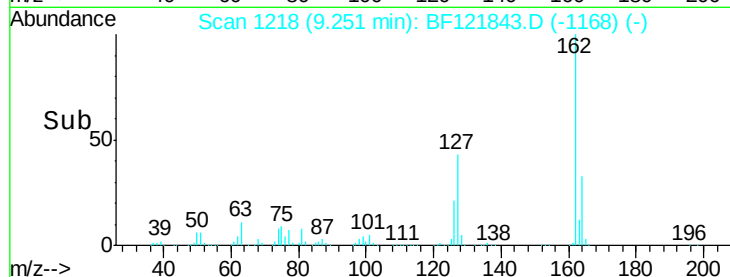
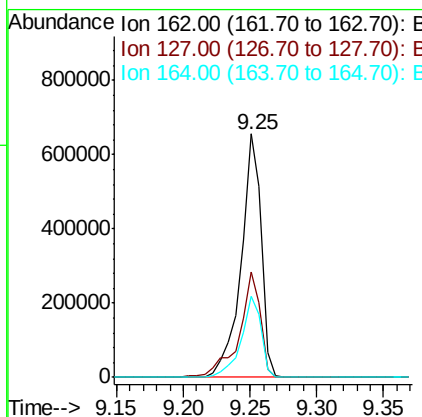
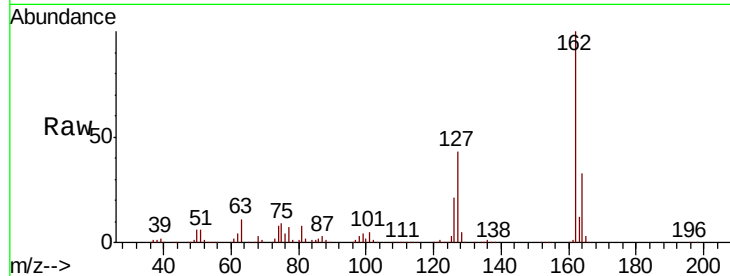
#47
2-Chloronaphthalene
Concen: 35.840 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		681932		
127	43.1	34.4	51.6		
164	33.1	26.3	39.5		

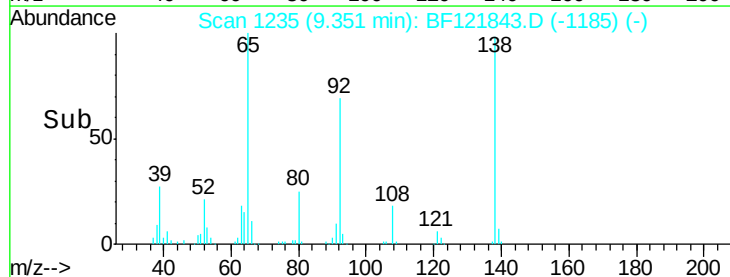
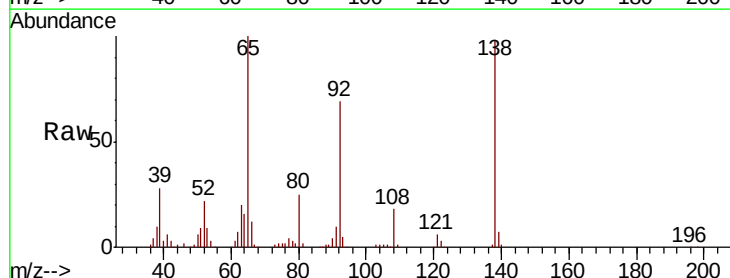
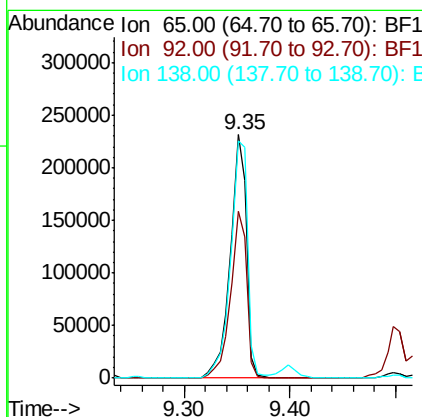
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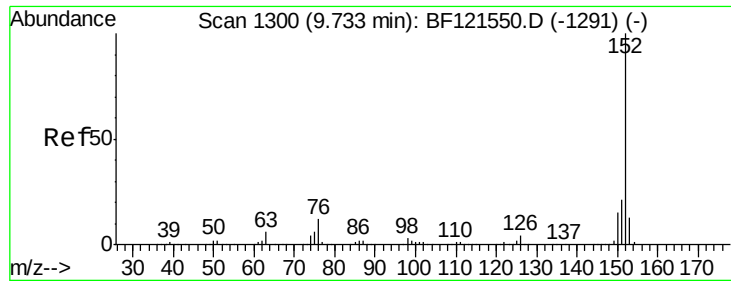
mohammad
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#48
2-Nitroaniline
Concen: 41.212 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		243676		
92	68.8	55.1	82.7		
138	97.6	80.5	120.7		





#49

Acenaphthylene

Concen: 37.210 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

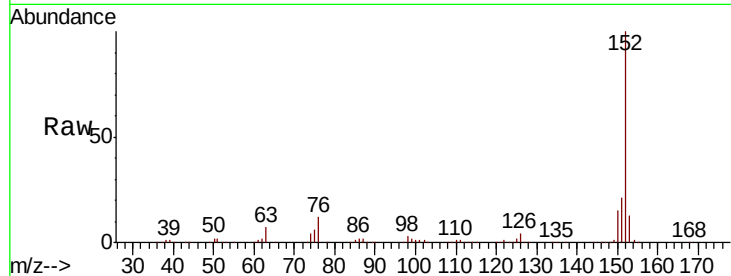
ClientSampled :

PB132042BS

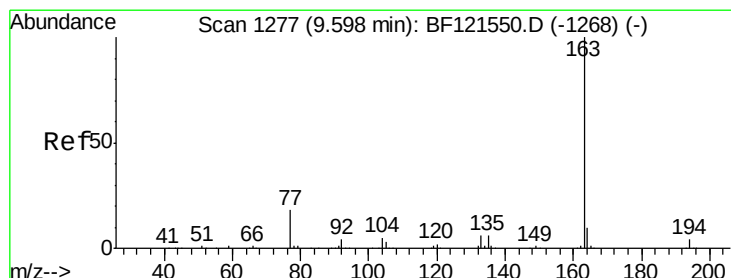
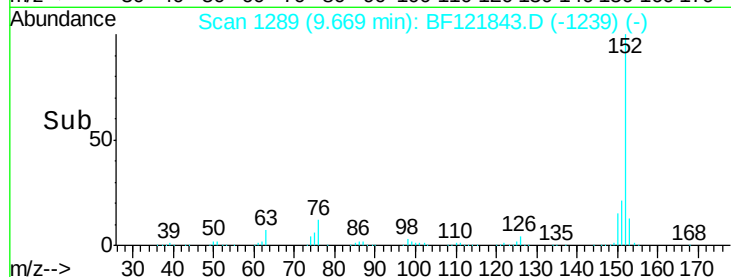
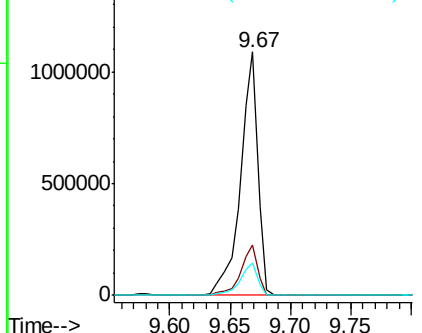
Tot Ion:	152	Resp:	1087827
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.4	24.6
153	13.2	10.6	15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.192 ng

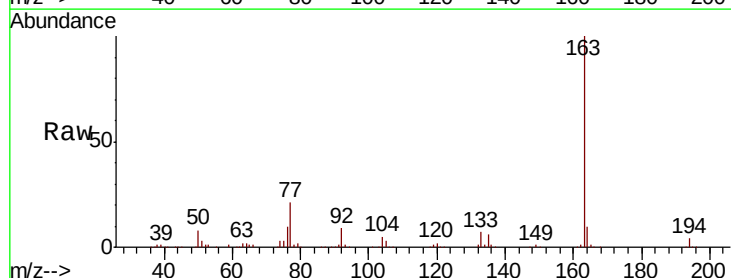
RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

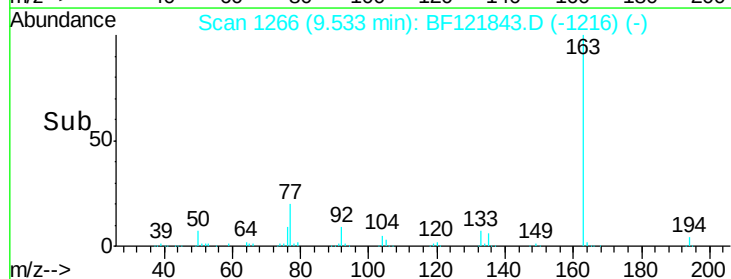
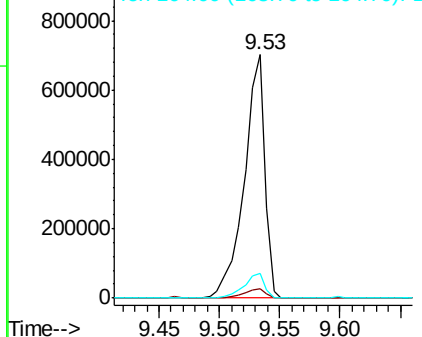
Lab File: BF121843.D

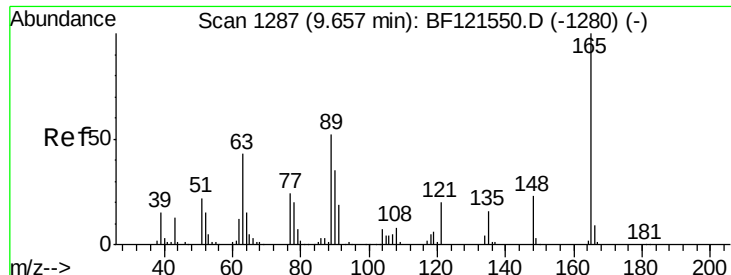
Acq: 6 Oct 2020 10:04

Tgt Ion:	163	Resp:	834882
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.0	8.2	12.4



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





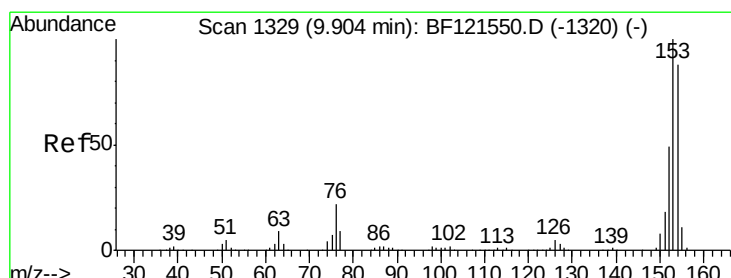
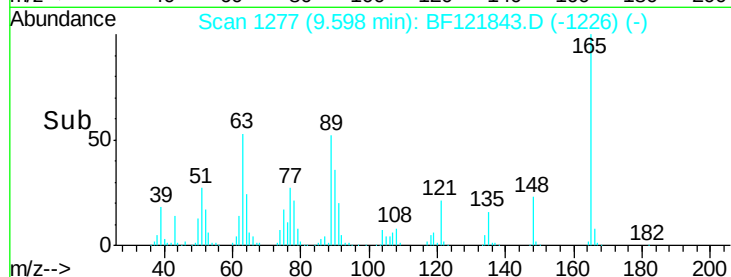
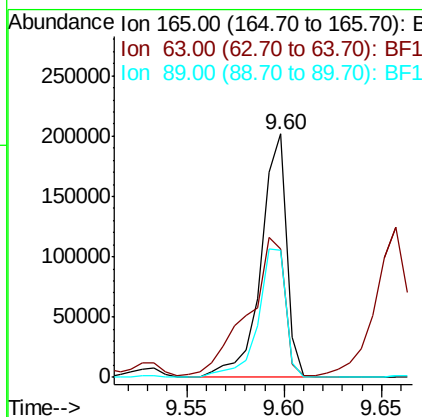
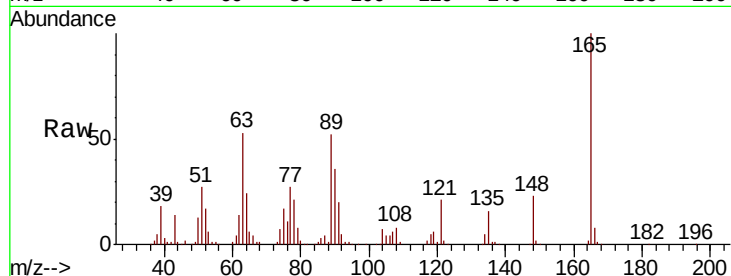
#51
2,6-Dinitrotoluene
Concen: 39.537 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	184062		
63	52.9		51.8	77.6
89	52.3		49.0	73.6

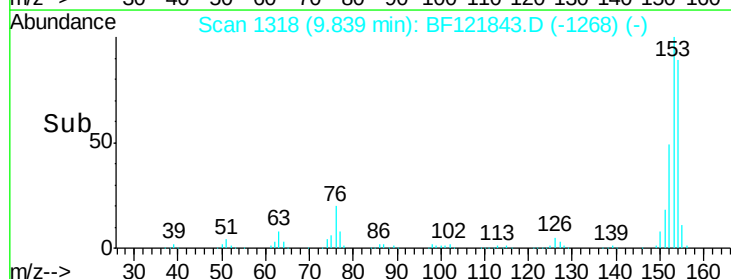
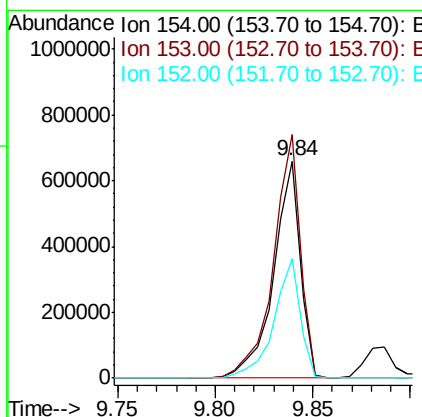
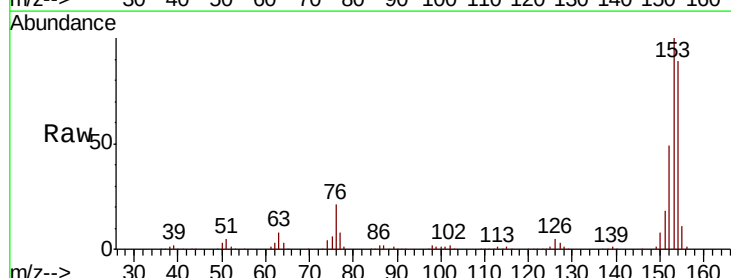
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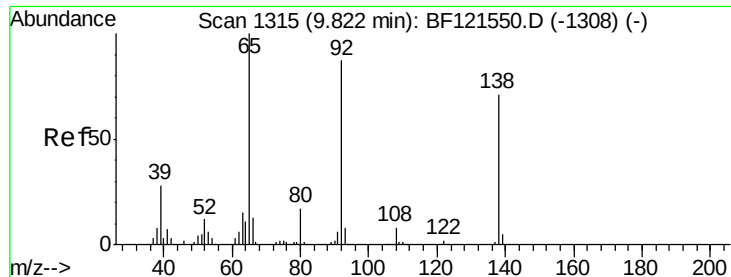
mohammad
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#52
Acenaphthene
Concen: 34.046 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	628654		
153	112.2		89.8	134.8
152	54.9		43.2	64.8





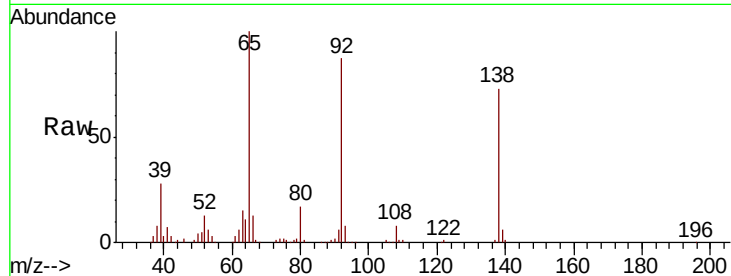
#53
3-Nitroaniline
Concen: 27.588 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

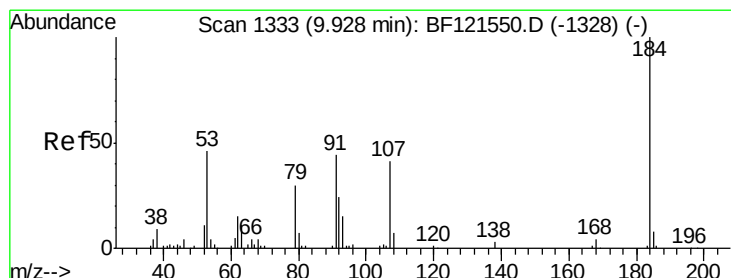
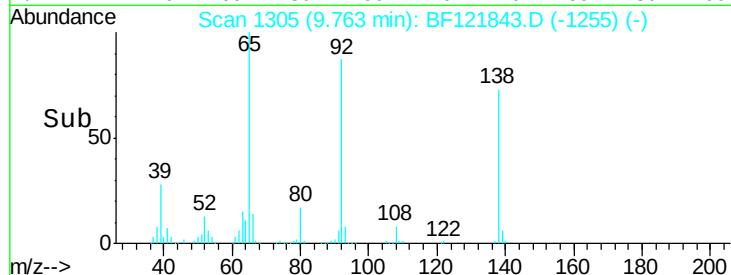
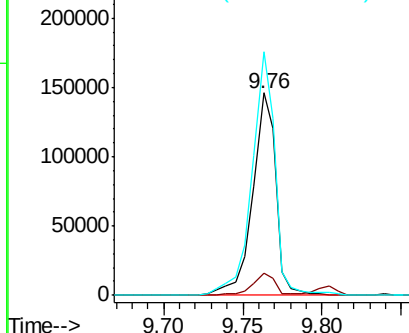
Tot Ion	Ratio	Resp	Lower	Upper
138	100	148785		
108	10.8	8.6	13.0	
92	120.3	96.6	144.8	

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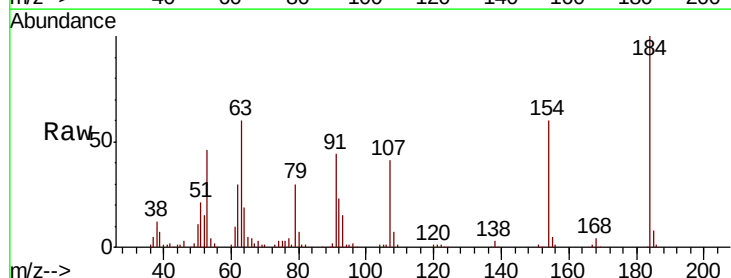


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

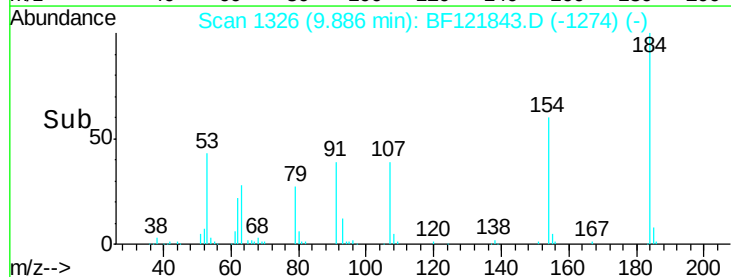
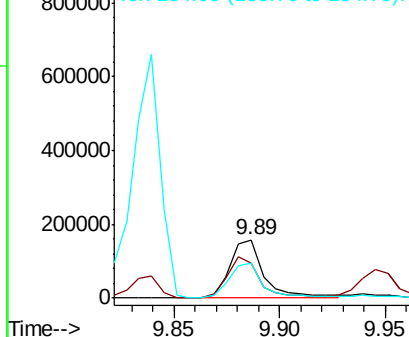


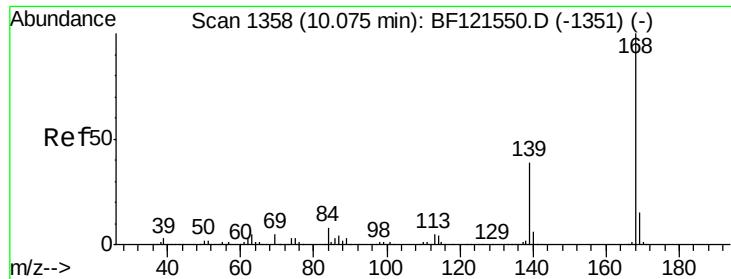
#54
2,4-Dinitrophenol
Concen: 67.047 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	175593		
63	60.2	45.9	68.9	
154	60.2	45.8	68.6	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





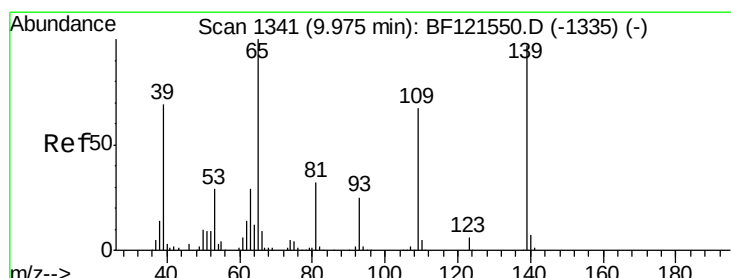
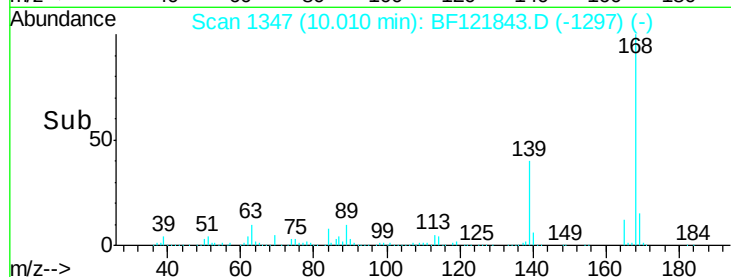
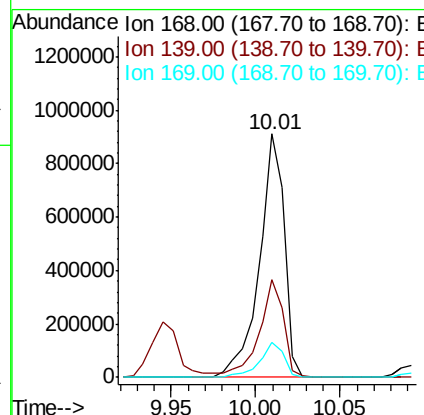
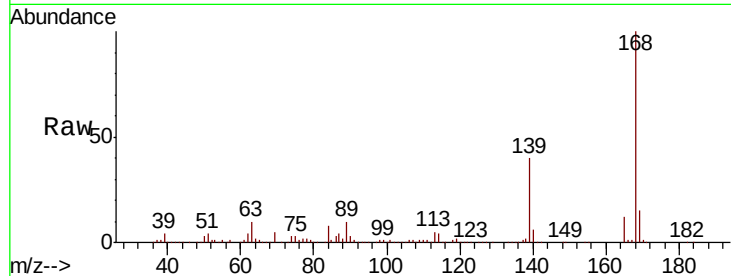
#55
Dibenzofuran
Concen: 35.852 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	31.0	46.6
169	14.5	11.3	16.9

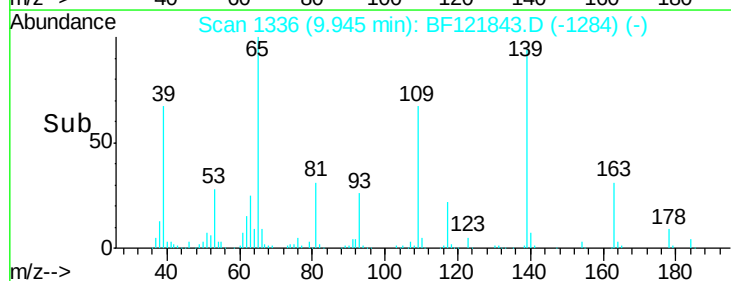
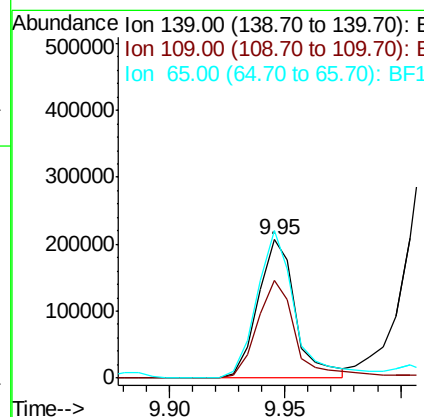
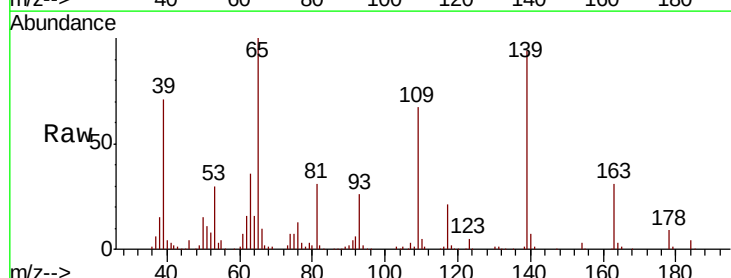
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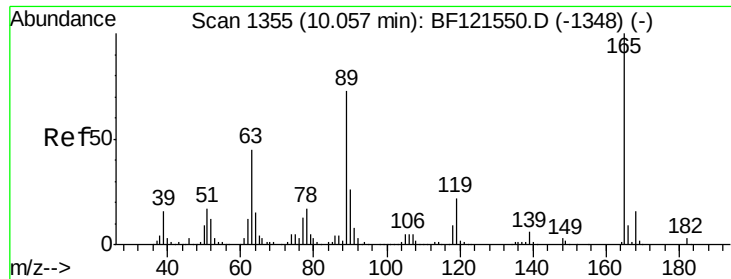
mohammad
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#56
4-Nitrophenol
Concen: 54.955 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	45.4	85.4
65	106.8	68.4	108.4





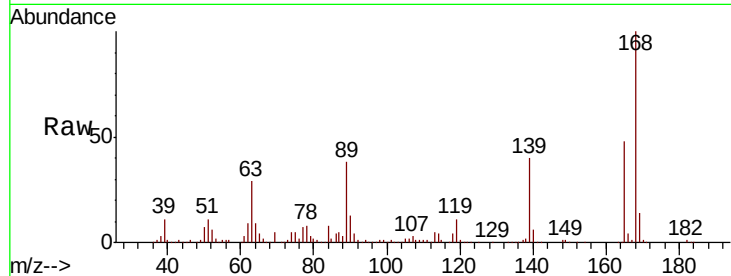
#57
2,4-Dinitrotoluene
Concen: 39.652 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

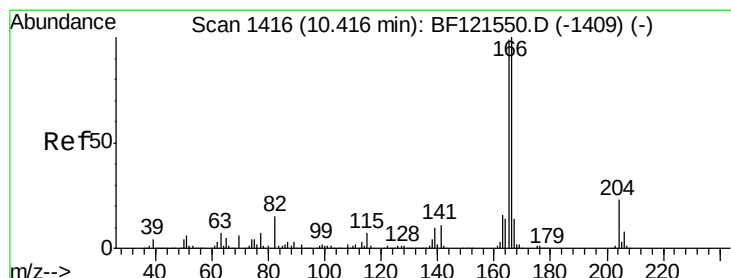
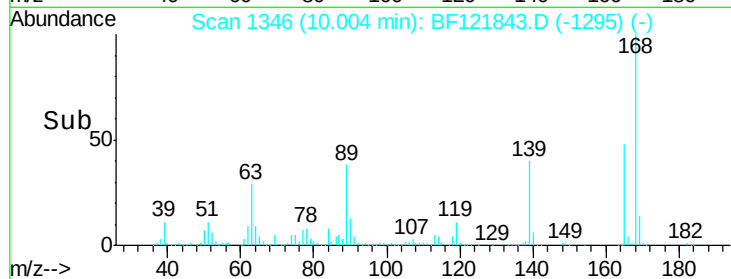
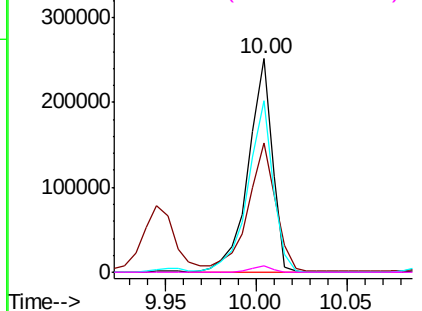
Tot Ion	Ratio	Resp	Lower	Upper
165	100	232235		
63	60.5	41.3	61.9	
89	80.4	61.8	92.8	
182	2.7	2.1	3.1	

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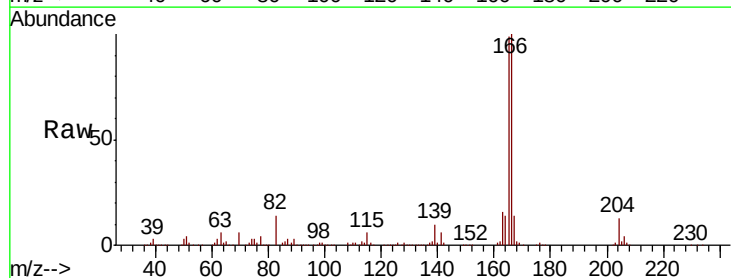


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

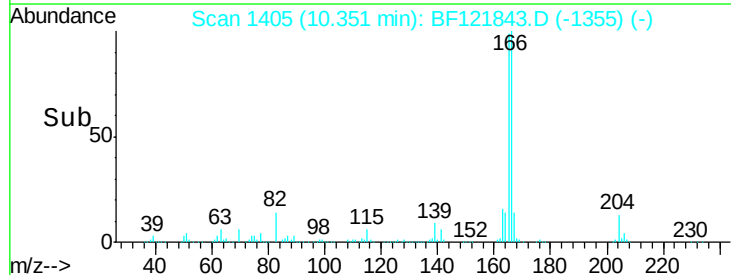
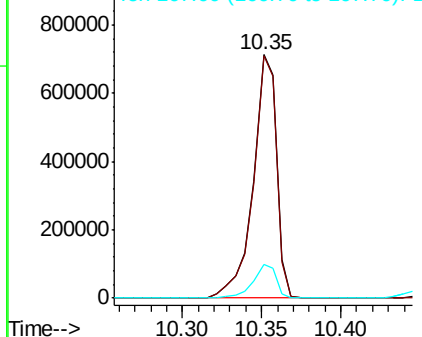


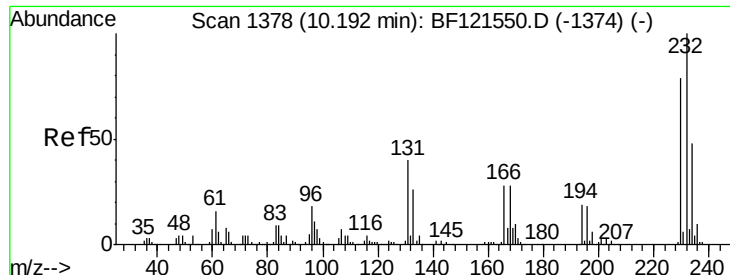
#58
Fluorene
Concen: 36.733 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	730459		
165	99.4	79.1	118.7	
167	13.6	11.0	16.6	



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





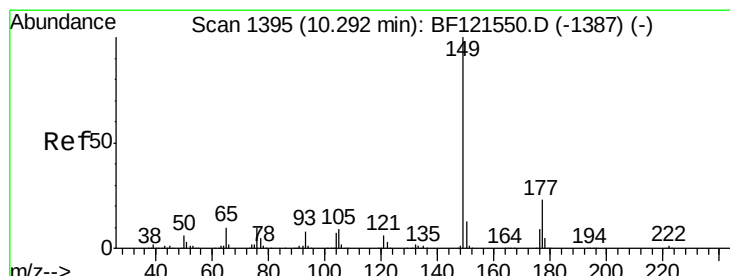
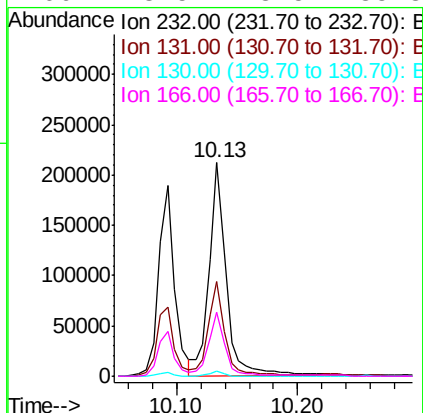
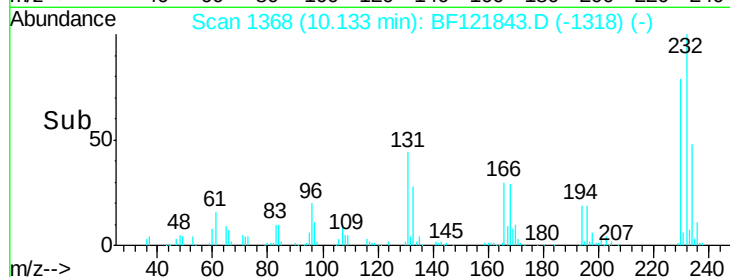
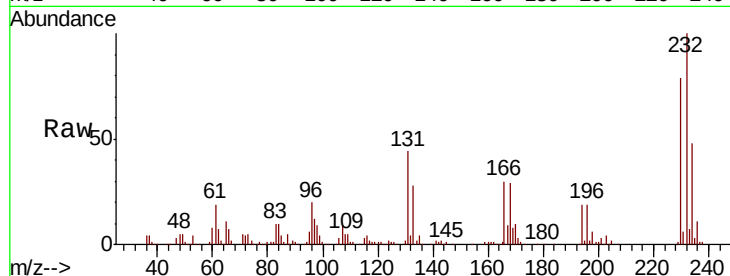
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.237 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	35.9	53.9
130	2.2	1.8	2.6
166	28.5	23.5	35.3

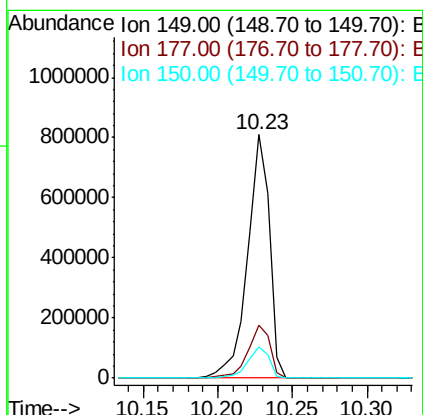
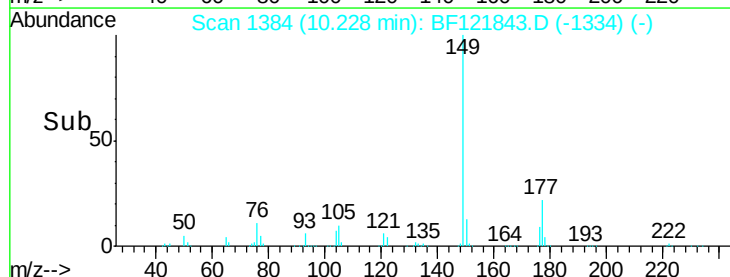
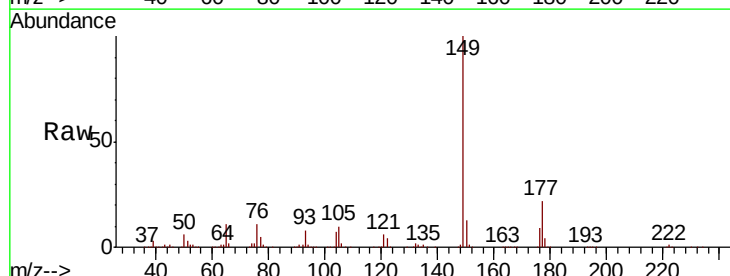
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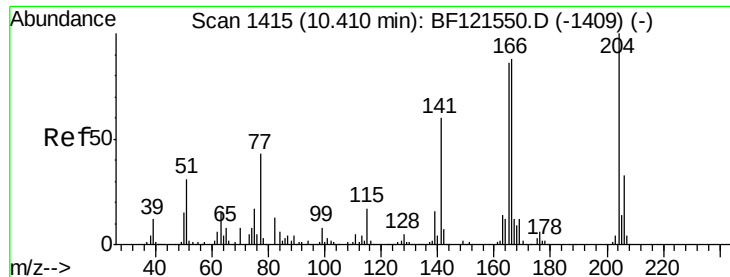
mohammad
10/7/2020 10:40:30 AM



#60
Diethylphthalate
Concen: 38.364 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.1	27.1
150	12.7	10.3	15.5





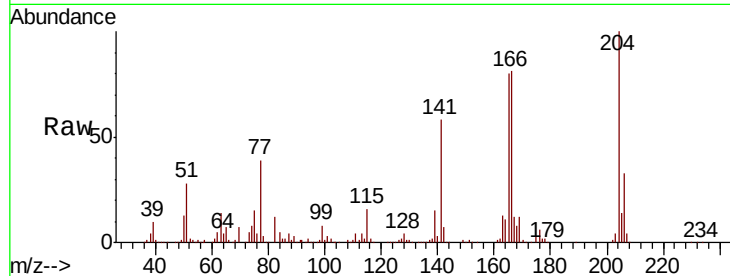
#61
4-Chlorophenyl-phenylether
Concen: 38.585 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampled :
PB132042BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	58.0	46.2	69.4

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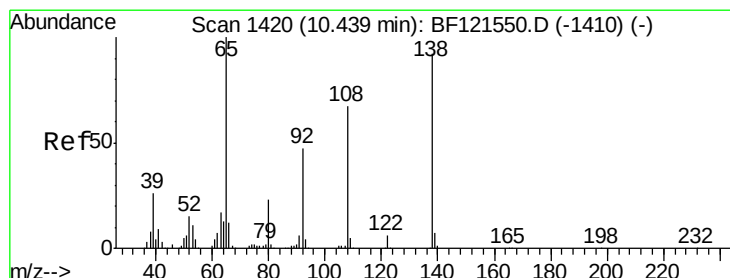
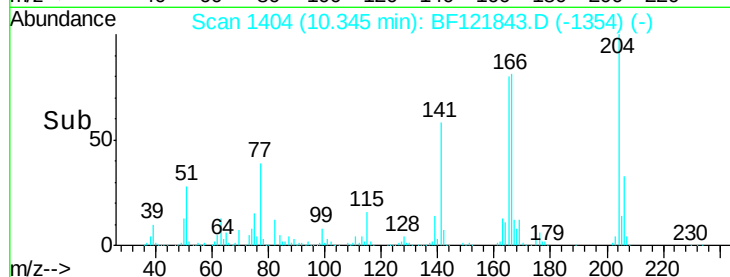
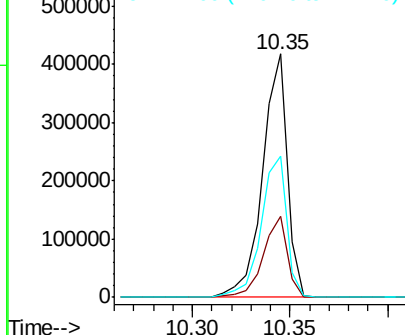


Abundance

Ion 204.00 (203.70 to 204.70): E

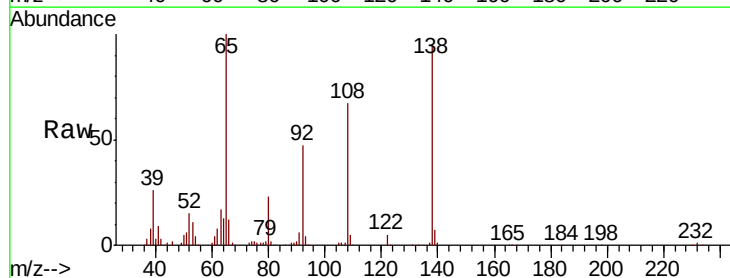
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.221 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	31.0	71.0
108	70.9	51.5	91.5

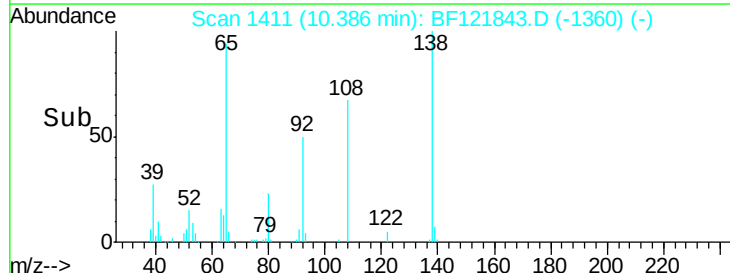
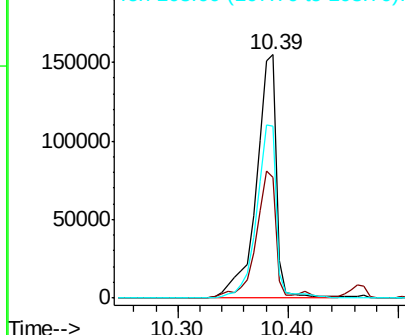


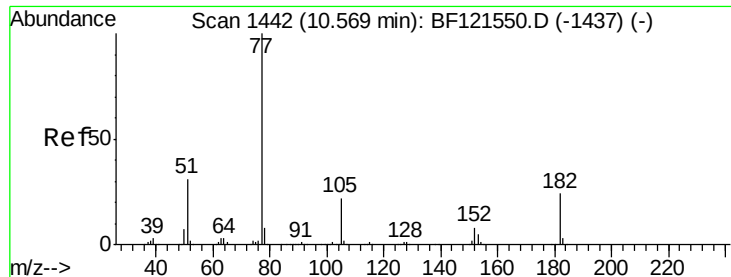
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





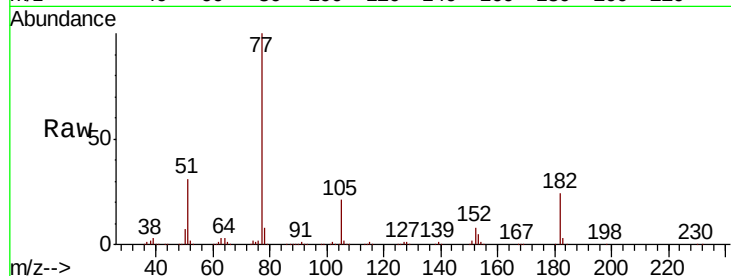
#63
Azobenzene
Concen: 37.180 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

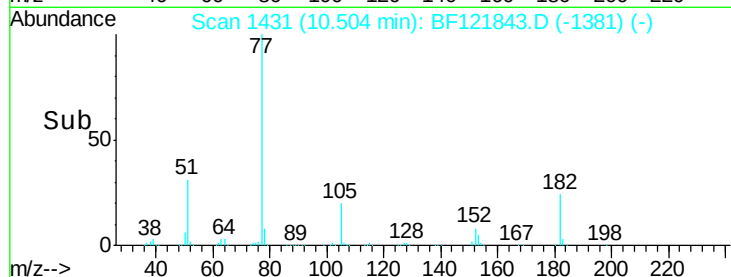
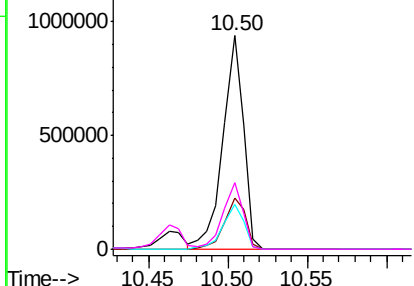
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.4	43.4
105	21.2	1.7	41.7
51	31.4	11.6	51.6

Manual Integrations
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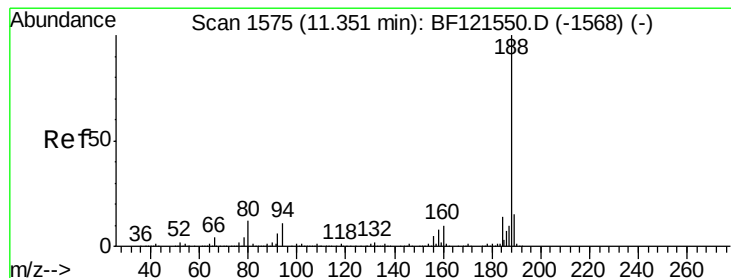


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

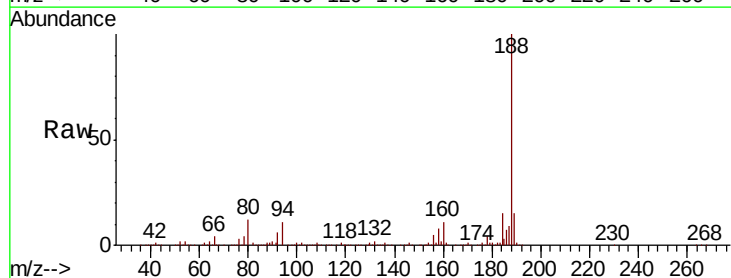
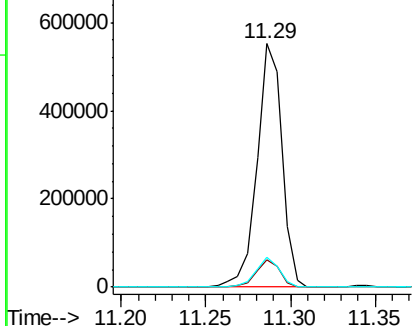


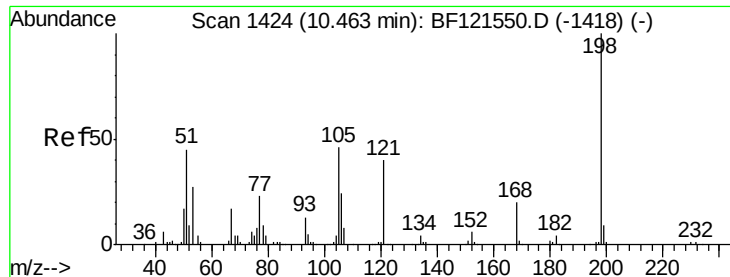
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.3	12.5
80	12.2	9.1	13.7



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





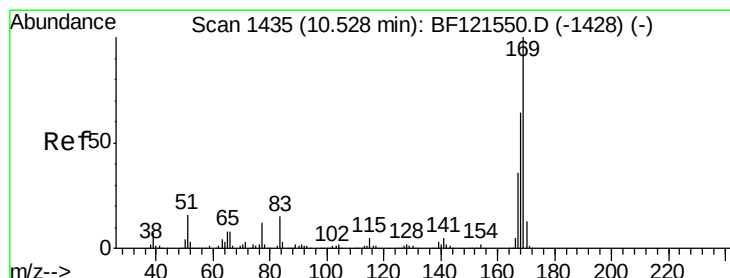
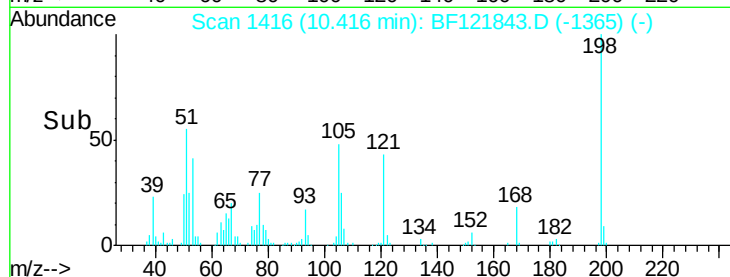
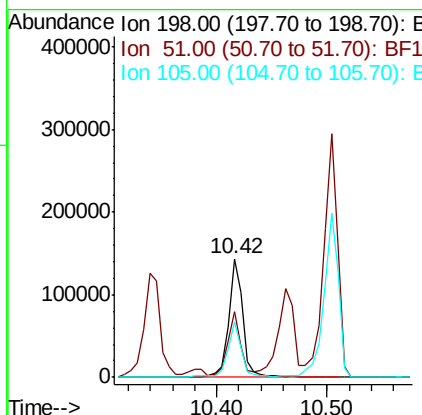
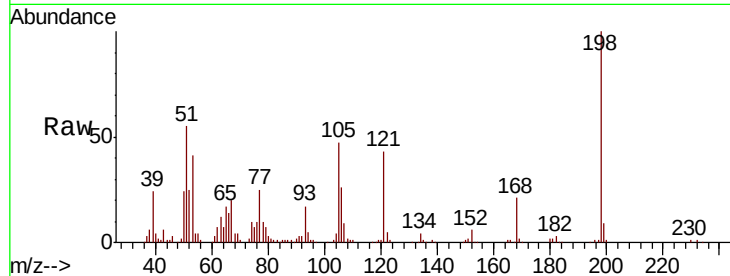
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.170 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.2	29.6	69.6
105	47.2	24.4	64.4

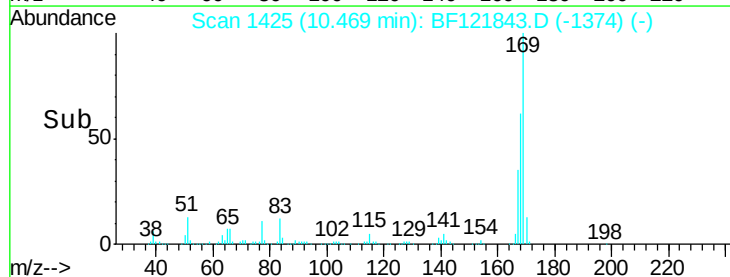
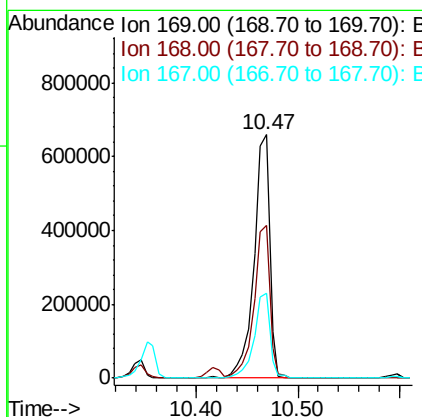
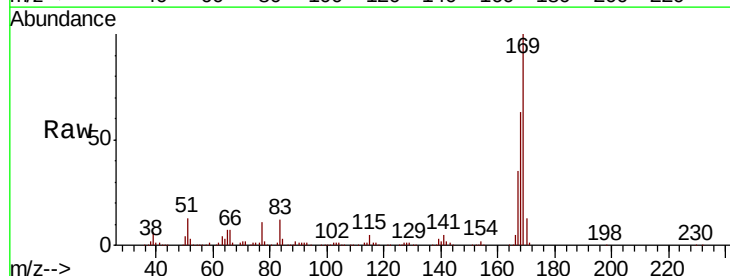
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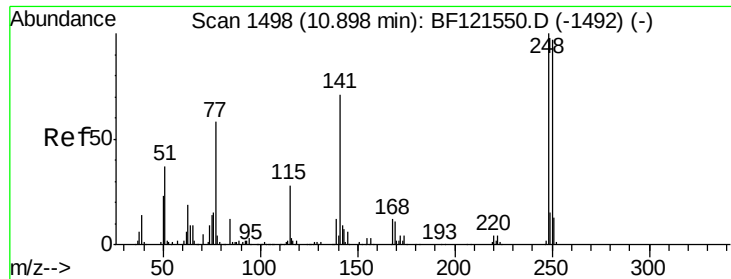
mohammad
 10/7/2020 10:40:30 AM



#66
 n-Nitrosodiphenylamine
 Concen: 36.451 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.7	50.0	75.0
167	34.9	27.8	41.6





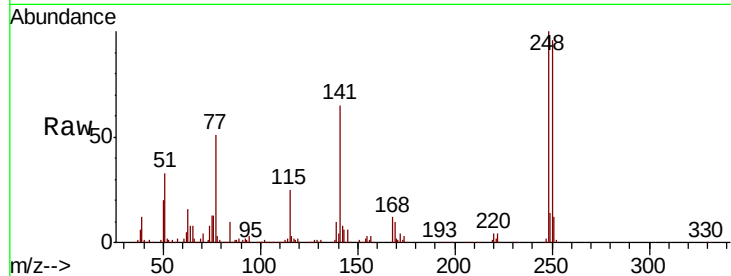
#67
4-Bromophenyl-phenylether
Concen: 37.655 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

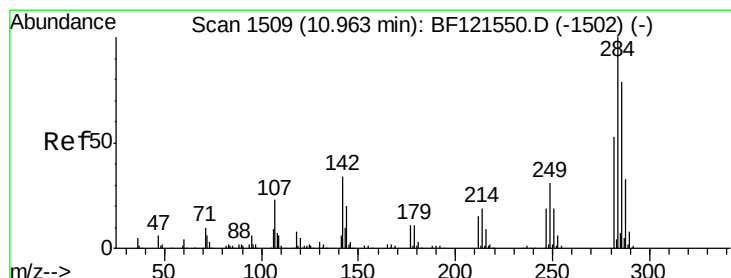
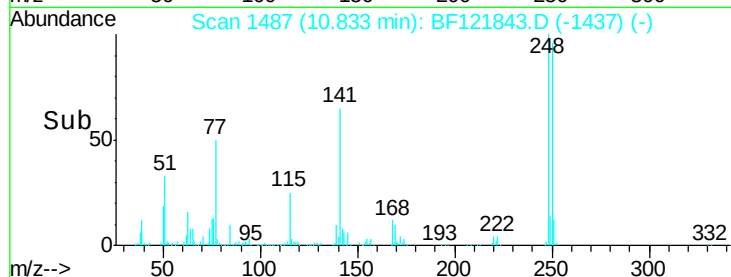
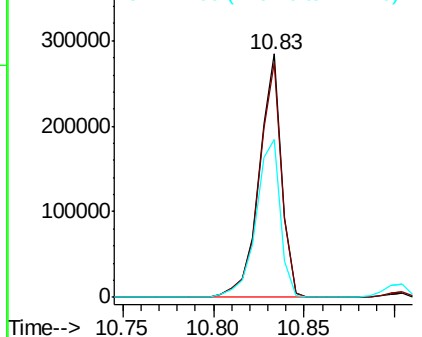
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.0	115.6
141	64.6	53.7	80.5

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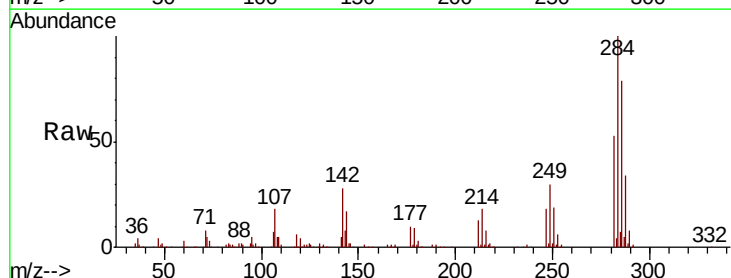


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

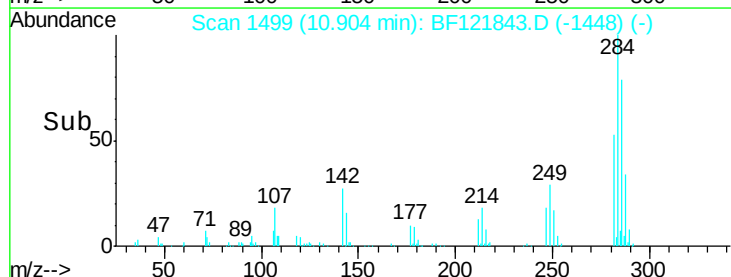
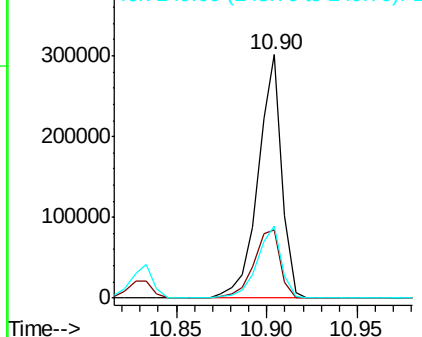


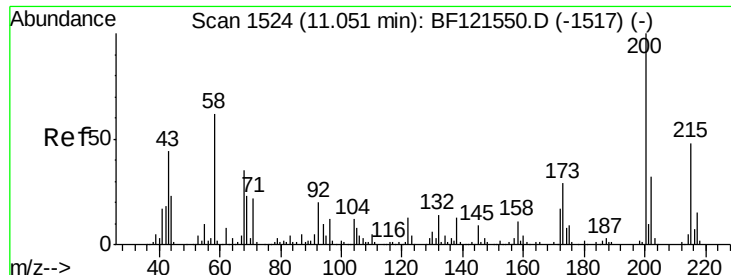
#68
Hexachlorobenzene
Concen: 37.244 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	27.4	41.2
249	29.8	24.2	36.4



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





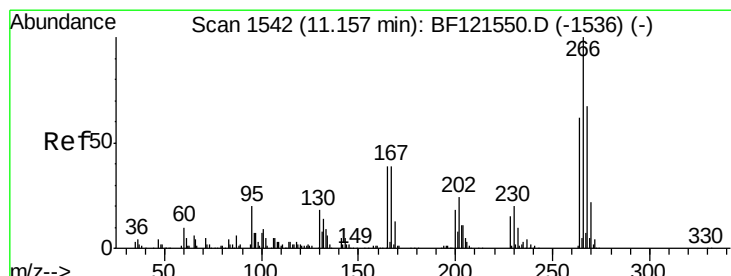
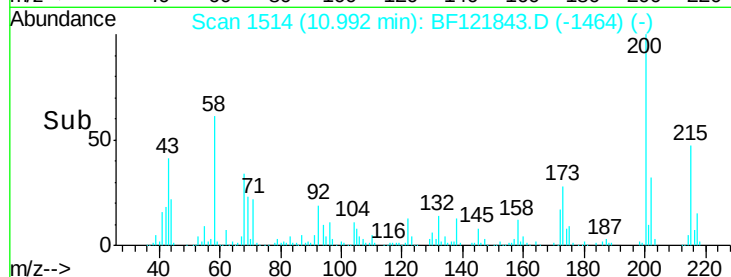
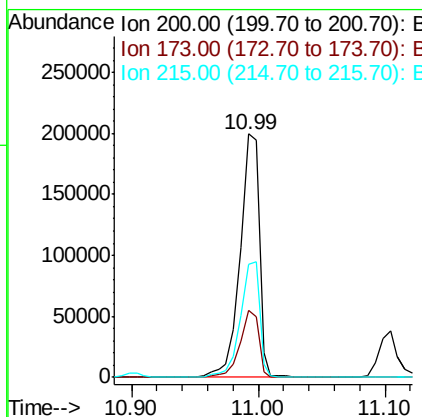
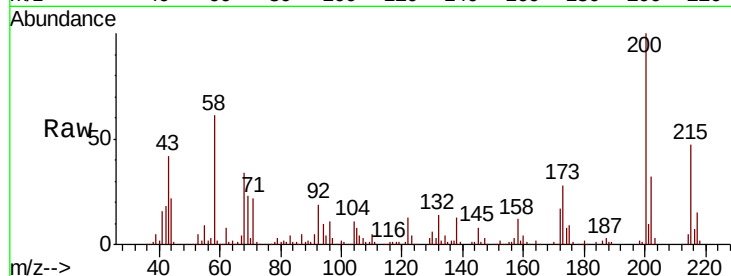
#69
Atrazine
Concen: 42.869 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.5	47.5
215	46.6	27.1	67.1

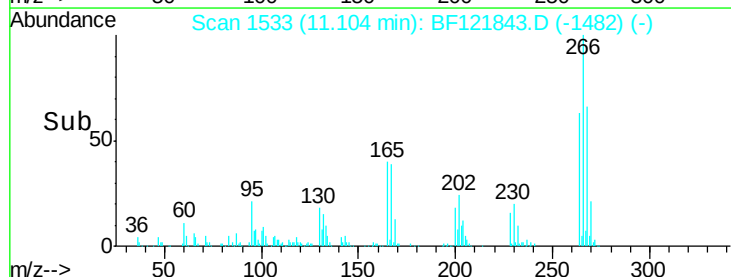
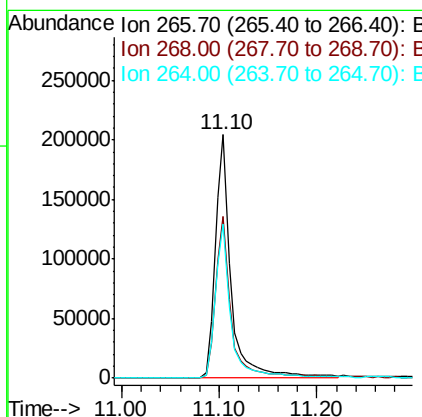
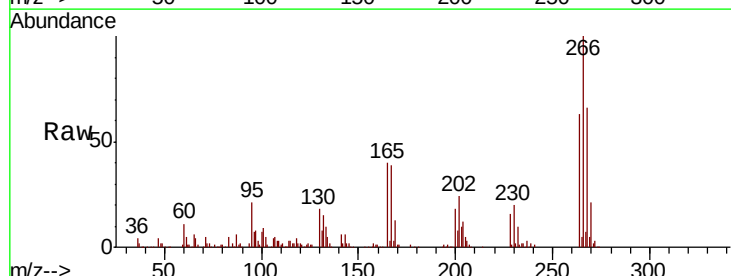
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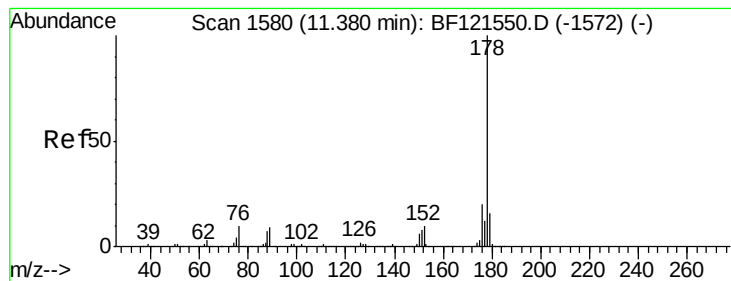
mohammad
10/7/2020 10:40:30 AM



#70
Pentachlorophenol
Concen: 56.876 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	52.4	78.6
264	63.0	49.9	74.9





#71

Phenanthrene

Concen: 35.483 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

Tot Ion:178 Resp: 1100795

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

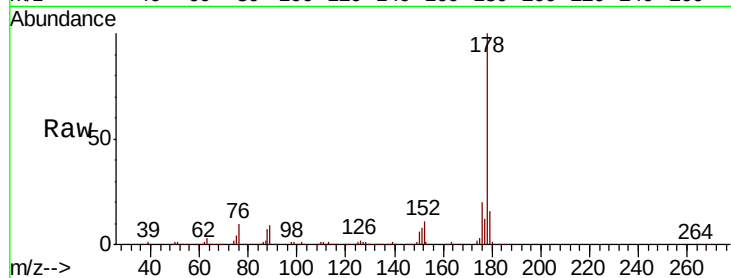
179 15.6 12.2 18.4

Manual Integrations

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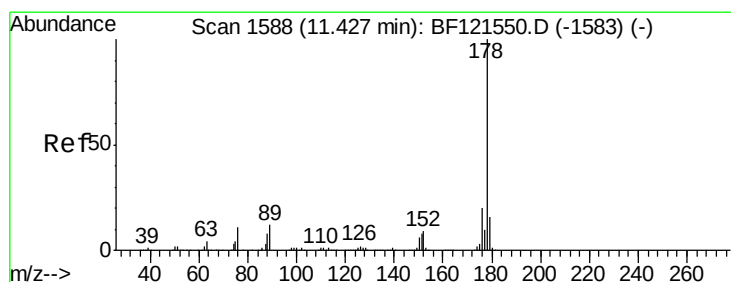
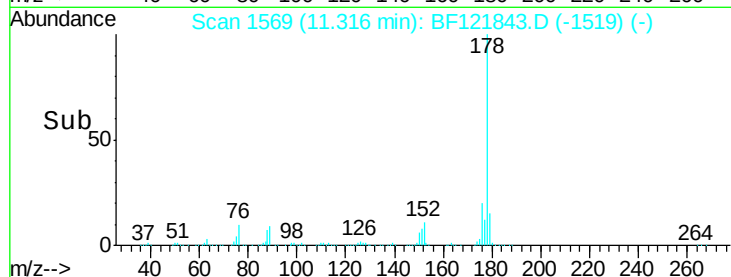
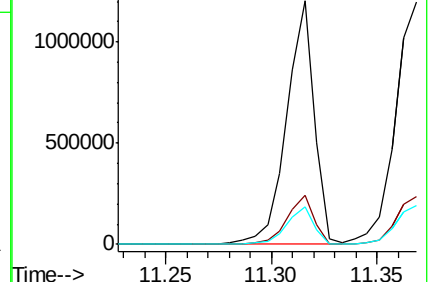
10/7/2020 10:40:30 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.663 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:178 Resp: 1141746

Ion Ratio Lower Upper

178 100

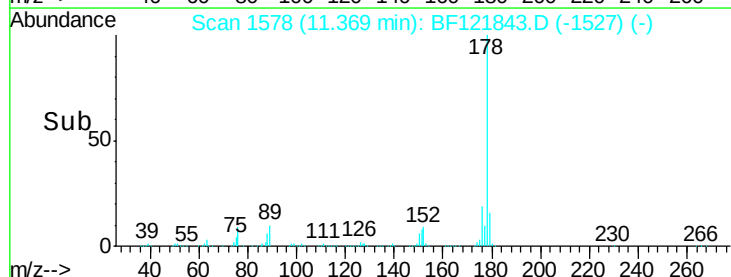
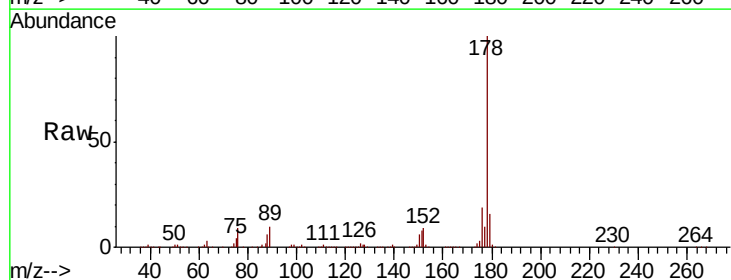
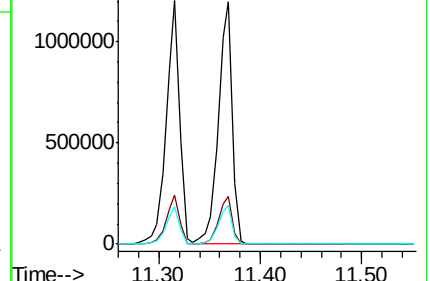
176 19.5 15.7 23.5

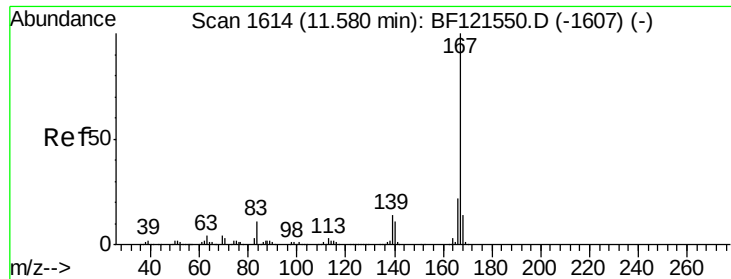
179 15.8 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





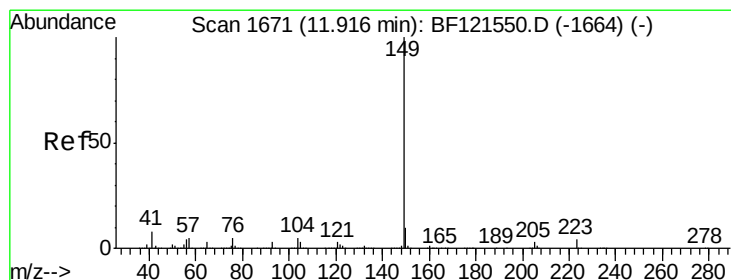
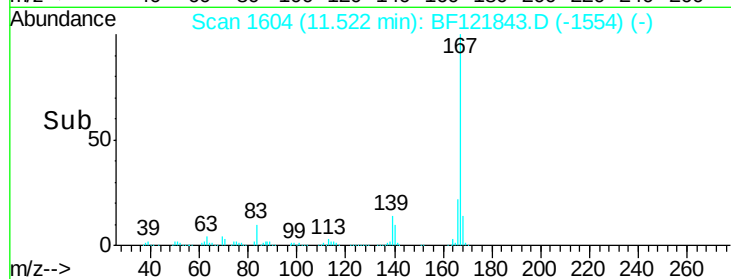
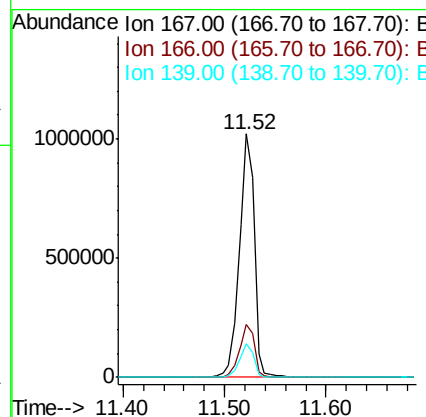
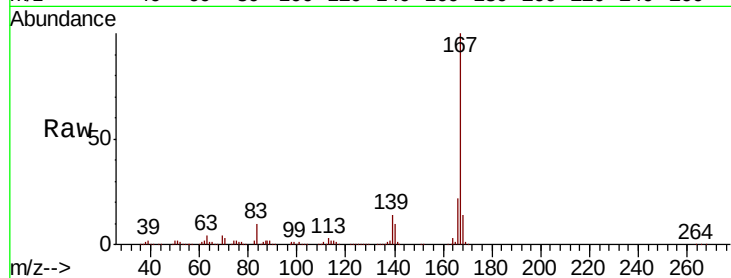
#73
 Carbazole
 Concen: 36.216 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.6	10.8	16.2

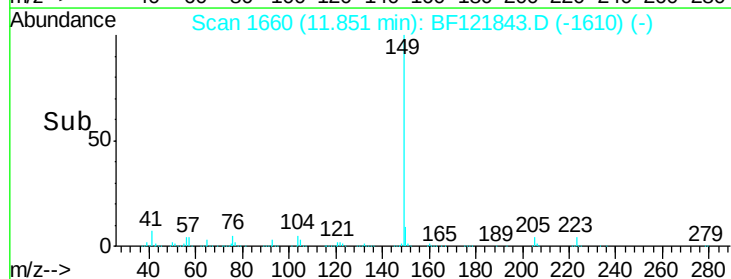
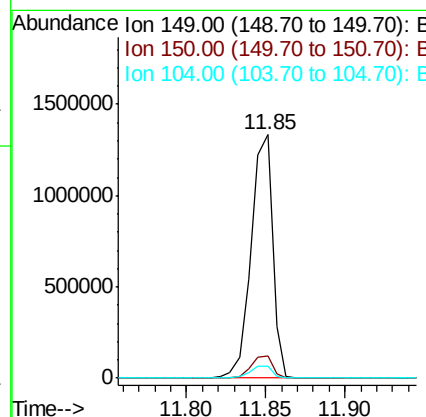
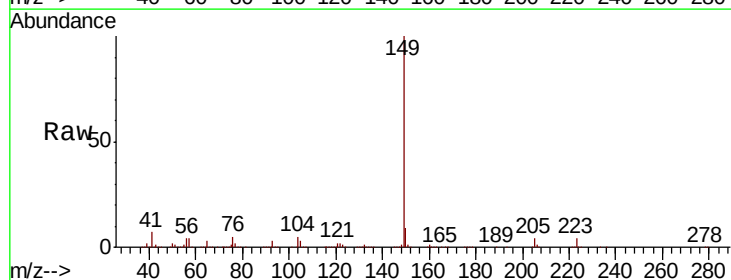
Manual Integrations
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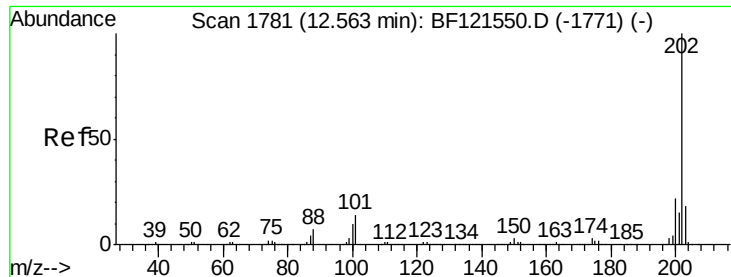
mohammad
 10/7/2020 10:40:30 AM



#74
 Di-n-butylphthalate
 Concen: 37.675 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.0	4.2	6.2





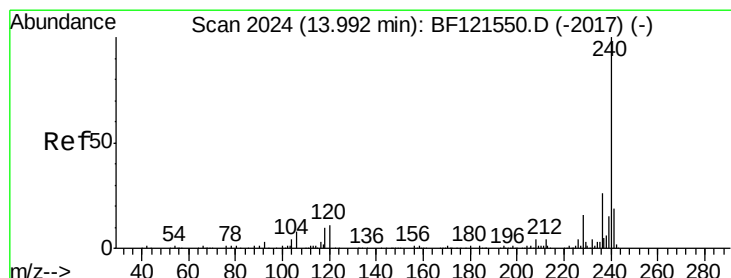
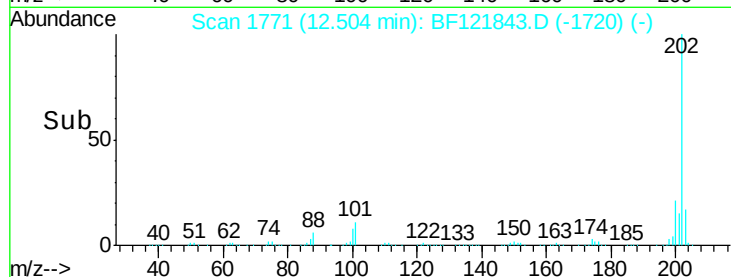
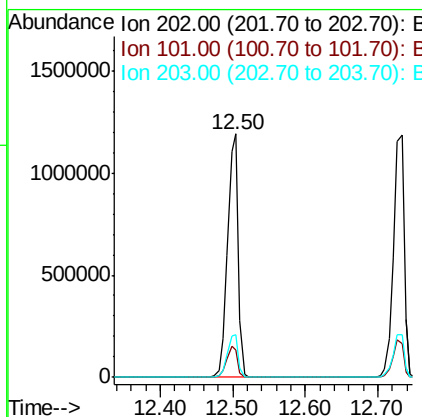
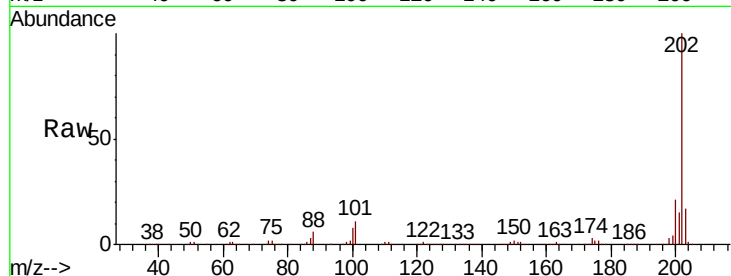
#75
Fluoranthene
Concen: 36.685 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.4
203	17.5	0.0	37.9

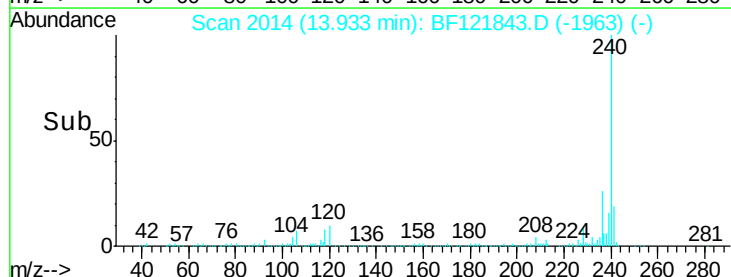
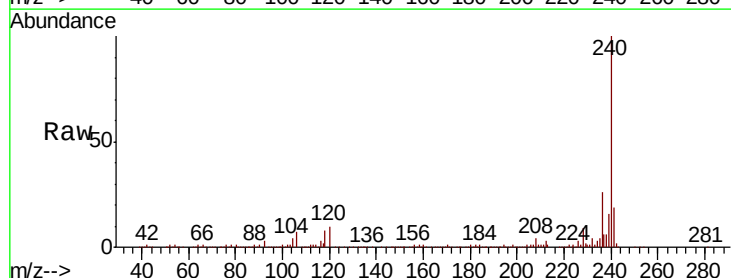
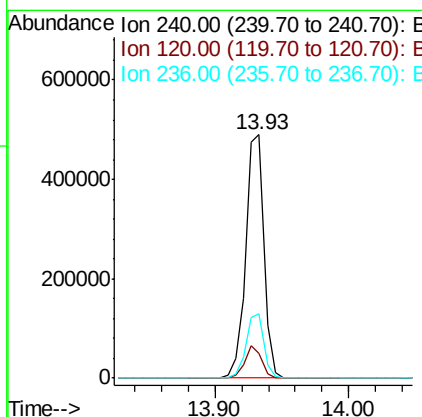
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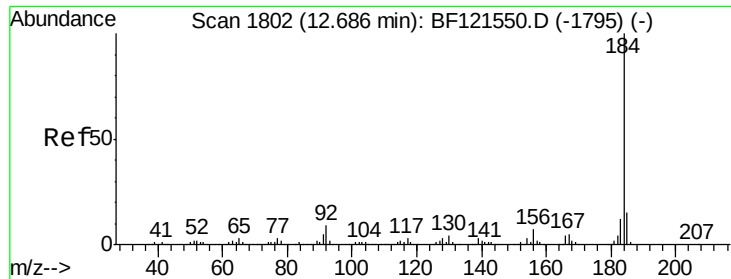
mohammad
10/7/2020 10:40:30 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.2	13.8
236	26.3	20.9	31.3





#77

Benzidine

Concen: 30.475 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

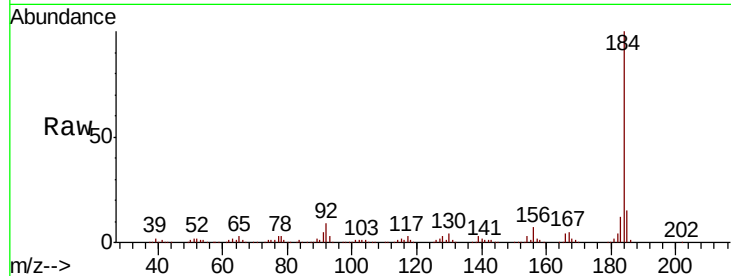
ClientSampleId :

PB132042BS

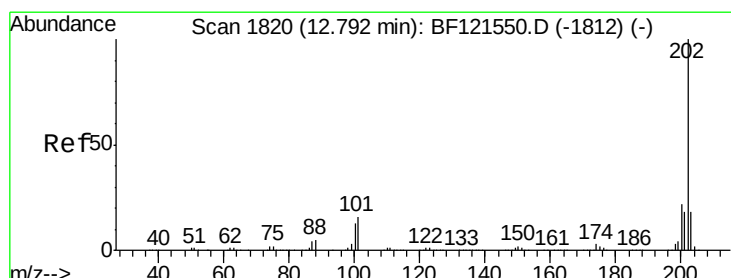
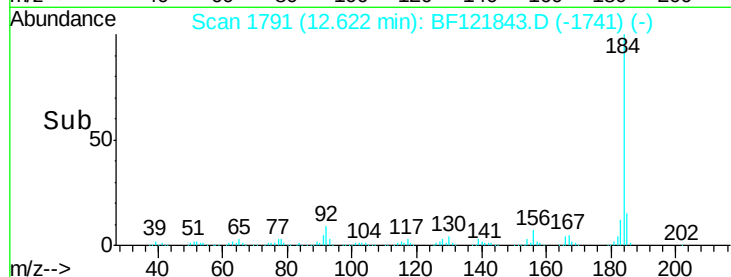
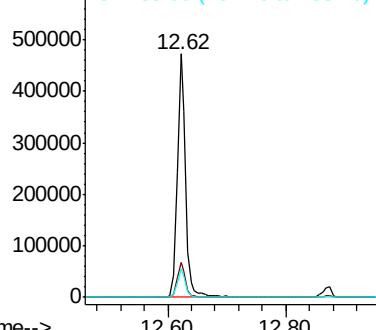
Tot Ion:	184	Resp:	462581
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.6	17.4
183	11.8	9.4	14.0

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



#78

Pyrene

Concen: 36.712 ng

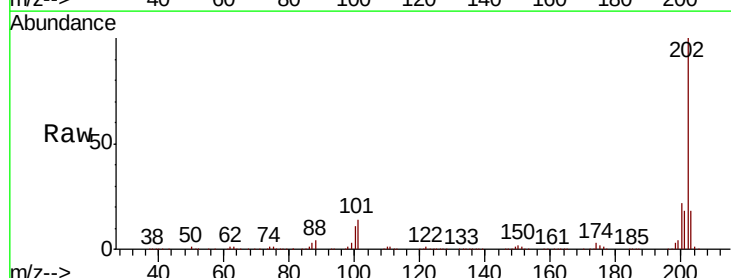
RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

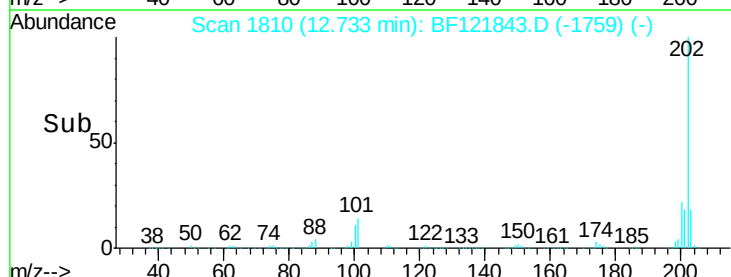
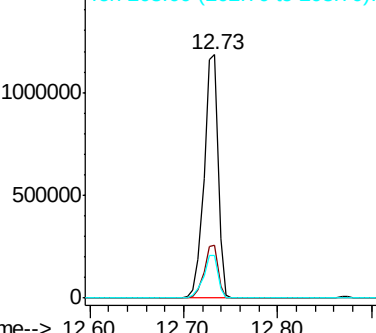
Lab File: BF121843.D

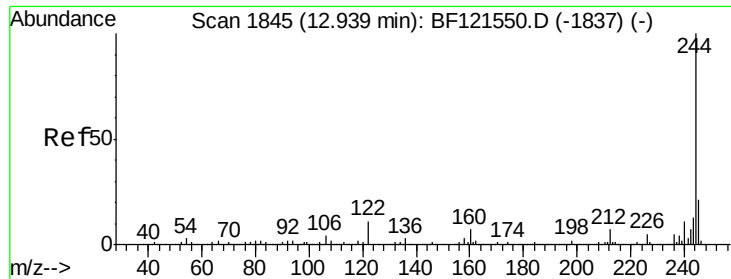
Acq: 6 Oct 2020 10:04

Tgt Ion:	202	Resp:	1228126
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.8	14.6	21.8



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





#79
 Terphenyl-d14
 Concen: 75.710 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

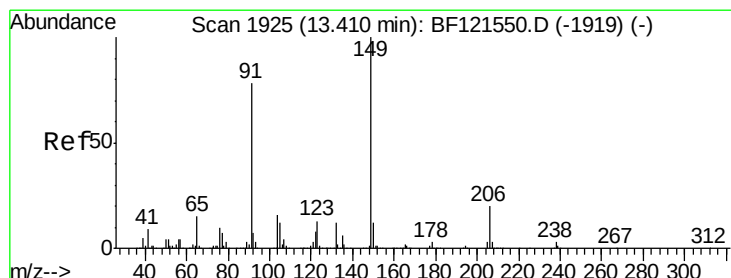
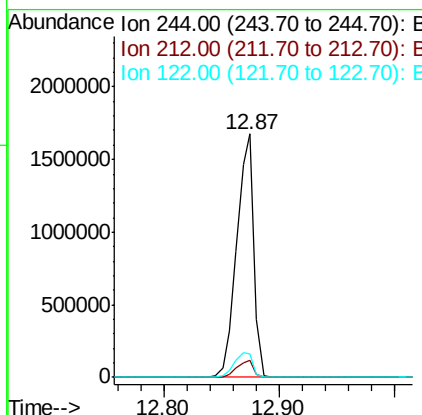
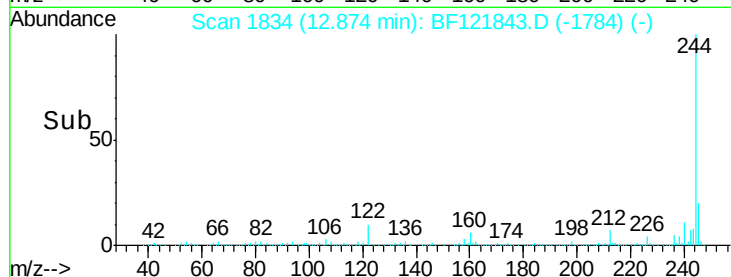
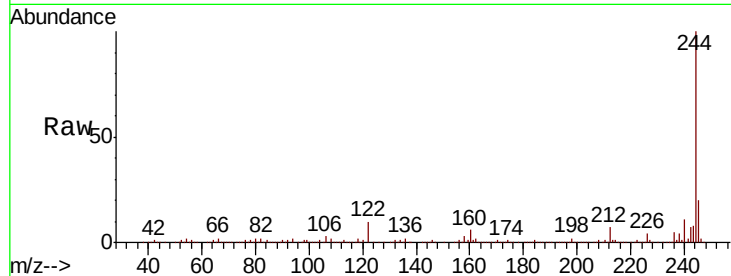
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion:244 Resp: 1711069

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.8	8.1	12.1

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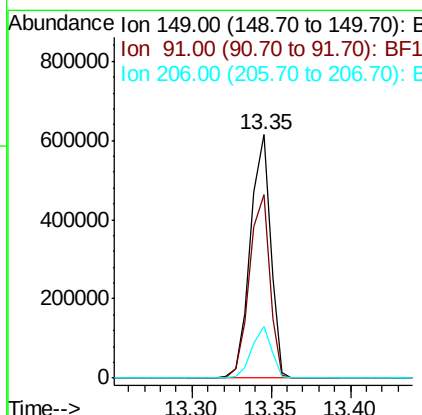
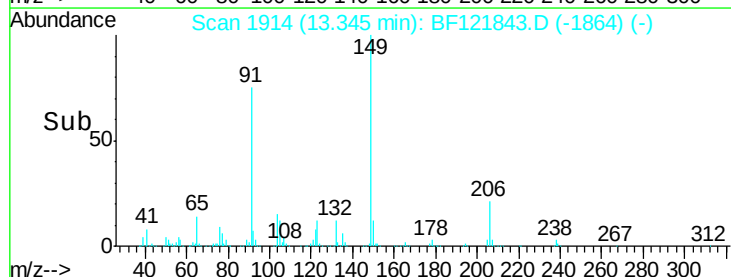
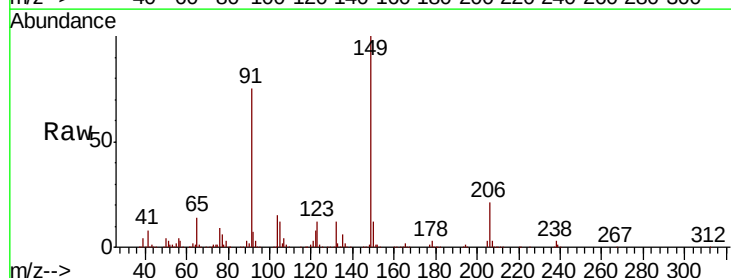
mohammad
 10/7/2020 10:40:30 AM

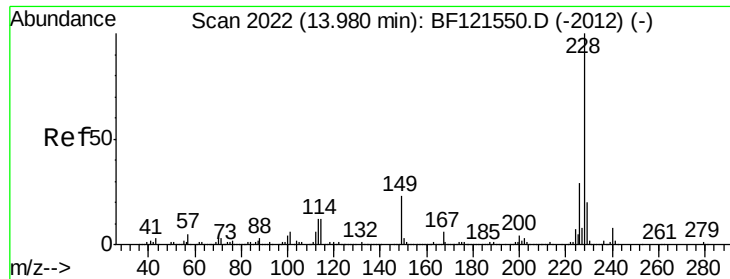


#80
 Butylbenzylphthalate
 Concen: 40.276 ng
 RT: 13.35 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:149 Resp: 544914

Ion	Ratio	Lower	Upper
149	100		
91	75.5	61.0	91.4
206	21.0	16.7	25.1





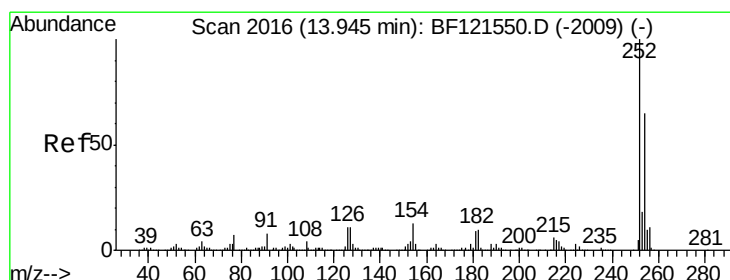
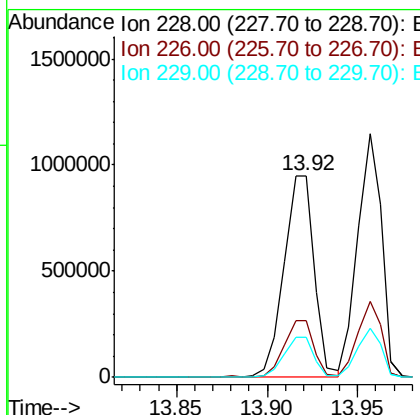
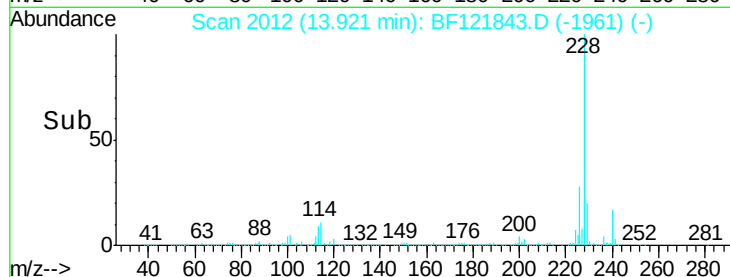
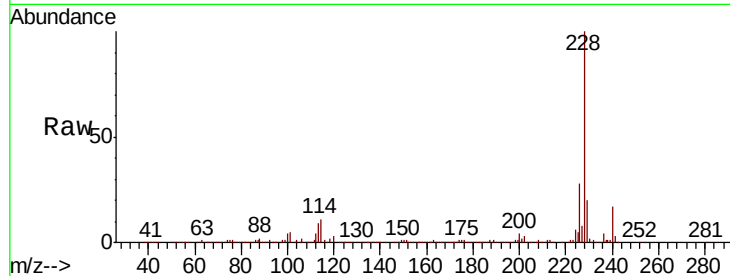
#81
Benzo(a)anthracene
Concen: 38.427 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	19.9	16.2	24.4

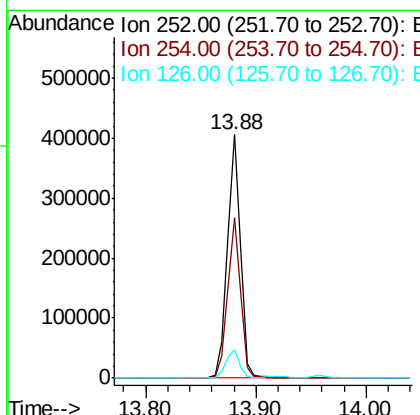
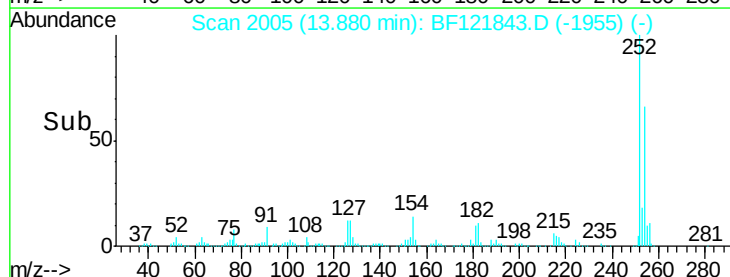
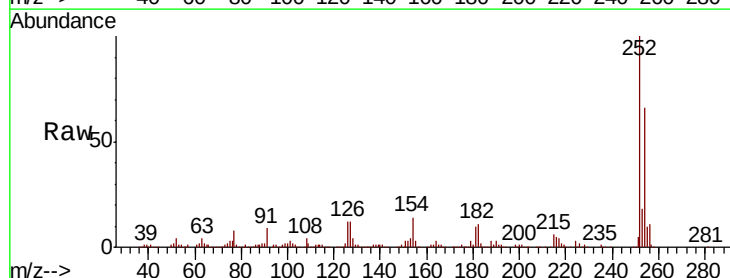
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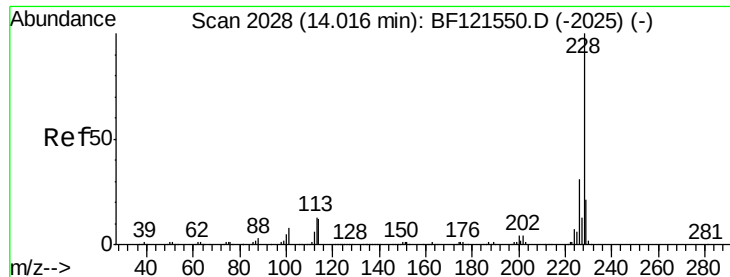
mohammad
10/7/2020 10:40:30 AM



#82
3,3'-Dichlorobenzidine
Concen: 30.094 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.8	77.6
126	12.0	8.8	13.2





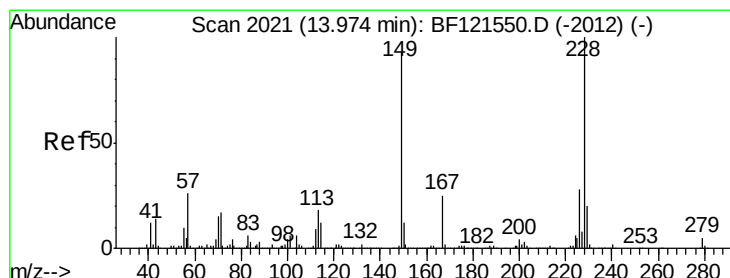
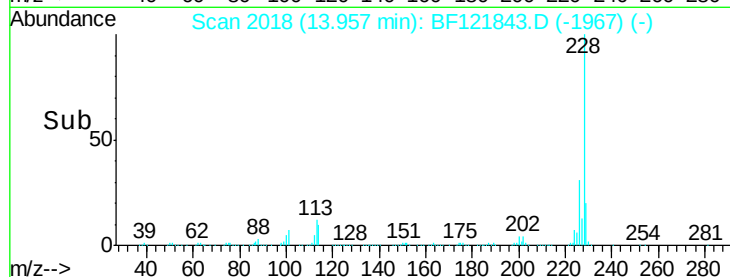
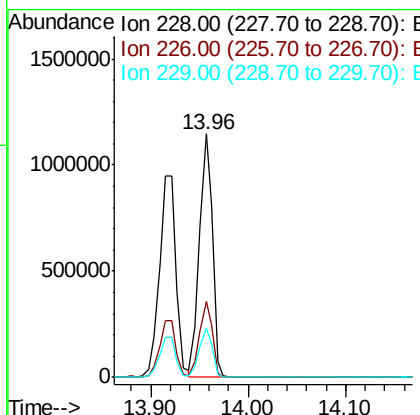
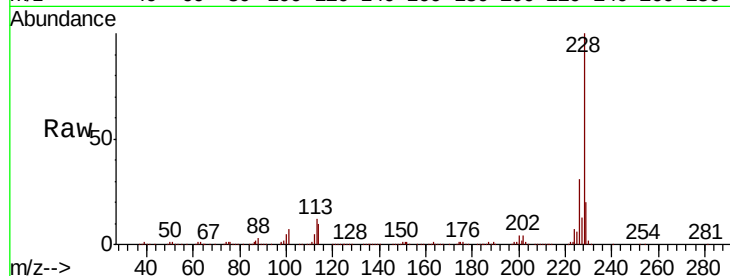
#83
Chrysene
Concen: 36.200 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.2	15.9	23.9

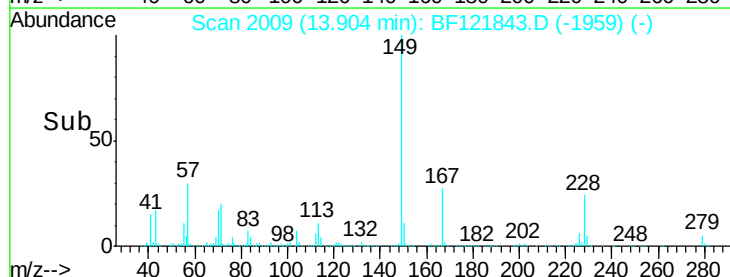
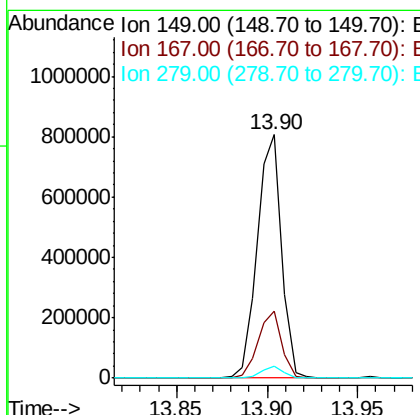
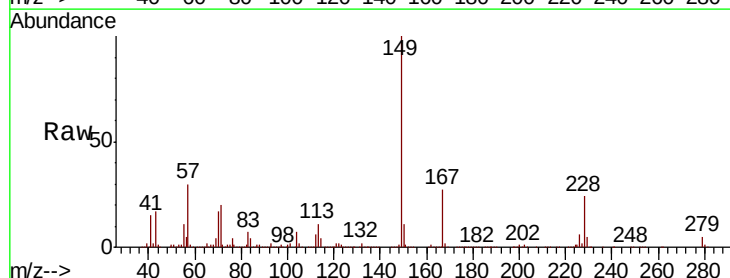
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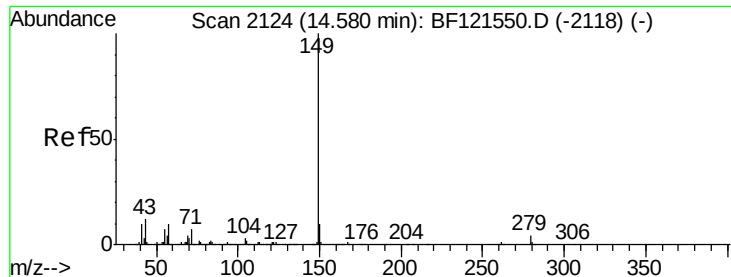
mohammad
10/7/2020 10:40:30 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.547 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.9	31.3
279	5.0	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 40.142 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

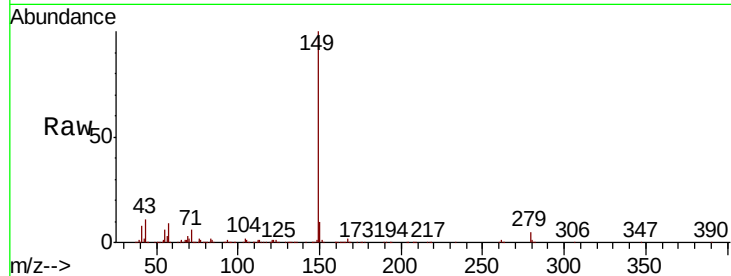
ClientSampleId :

PB132042BS

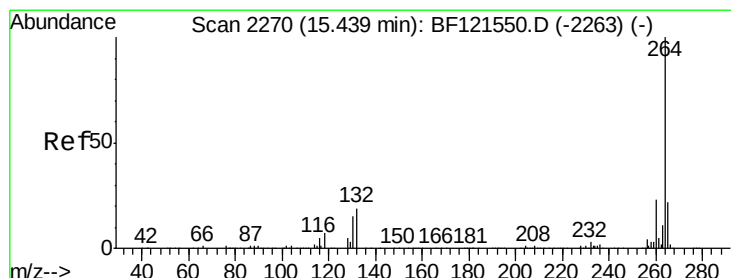
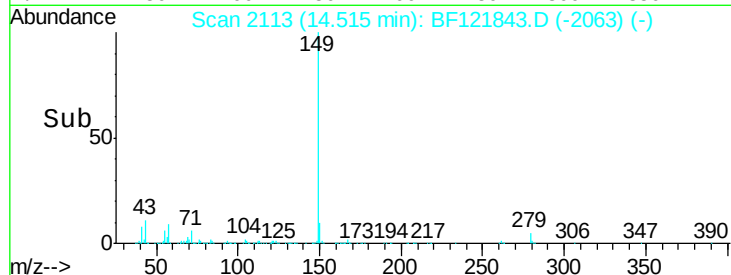
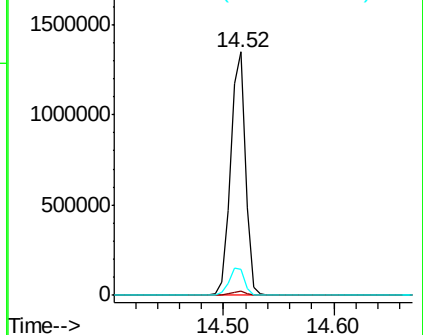
Tot Ion:	149	Resp:	1280424
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.0	13.6

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mohammad
10/7/2020 10:40:30 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

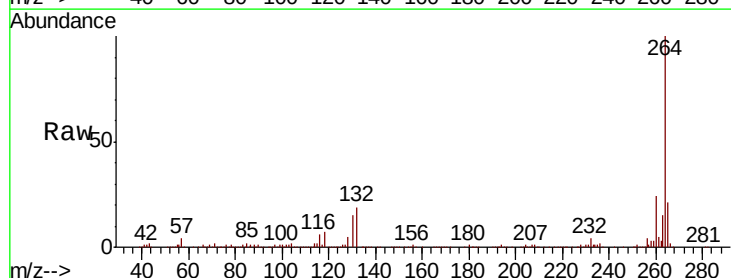
RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

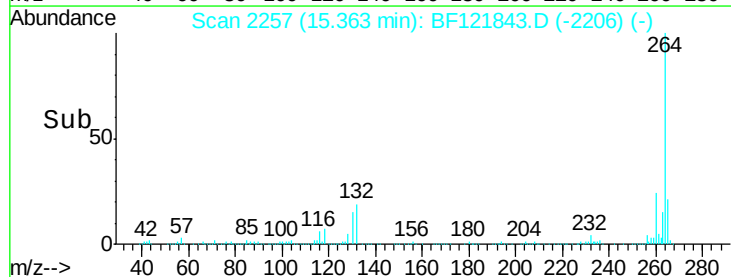
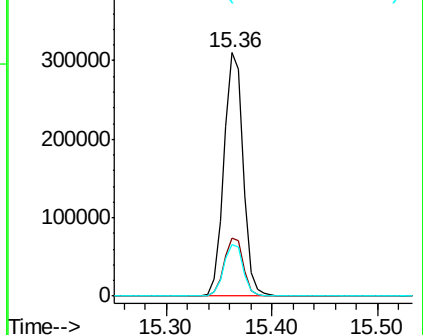
Lab File: BF121843.D

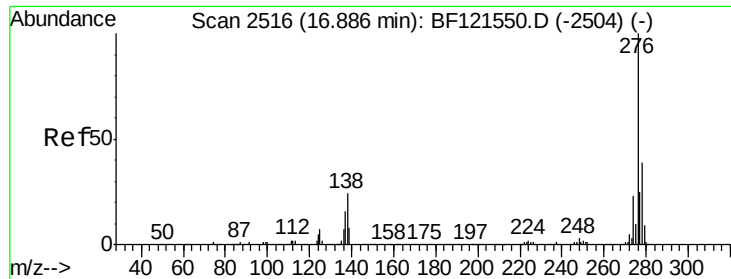
Acq: 6 Oct 2020 10:04

Tgt Ion:	264	Resp:	392647
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.2	17.3	25.9



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





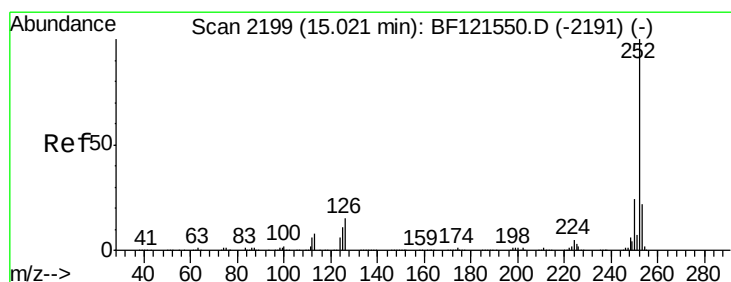
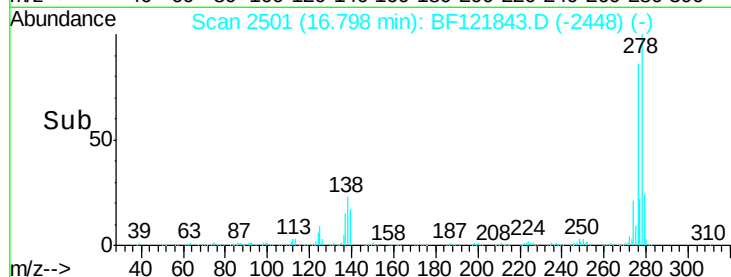
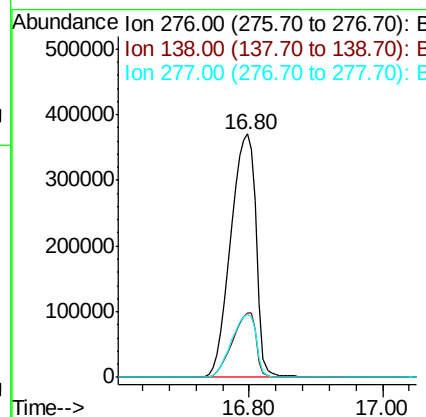
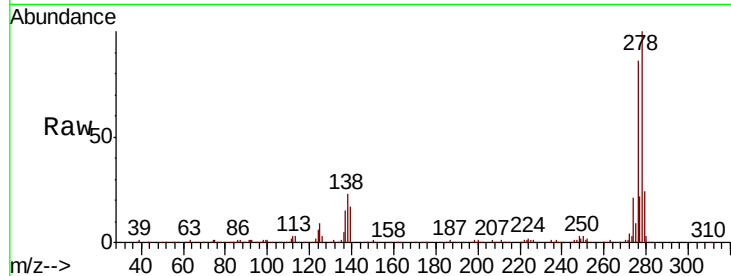
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.918 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.3	20.4	30.6

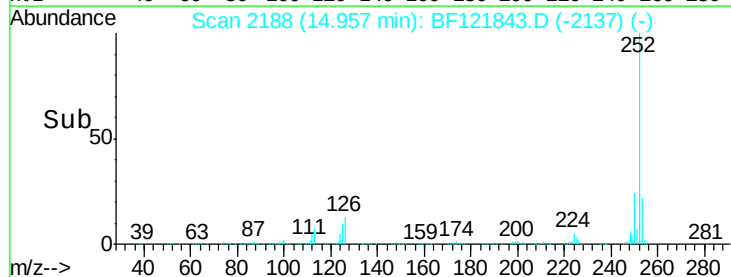
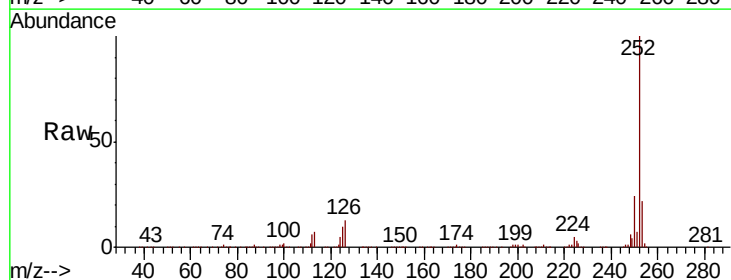
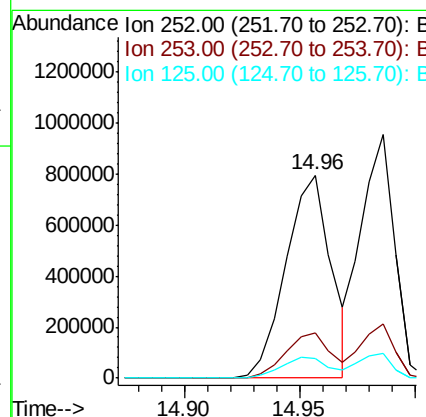
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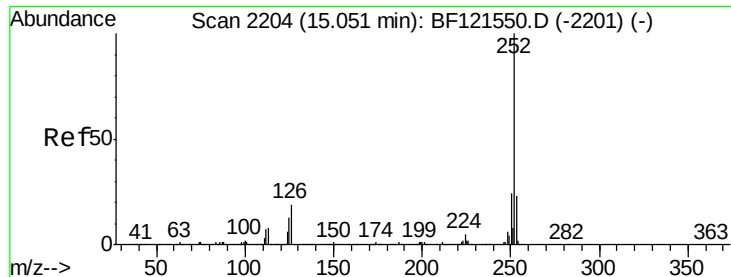
mohammad
 10/7/2020 10:40:30 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.241 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.9	8.0	12.0





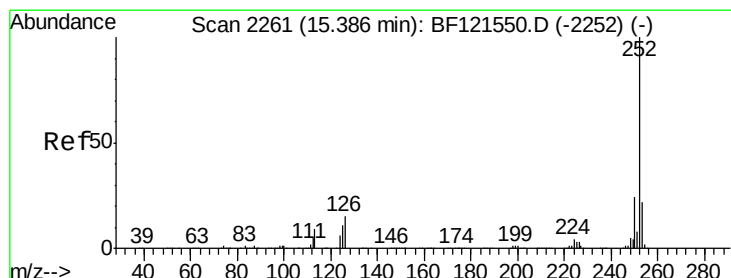
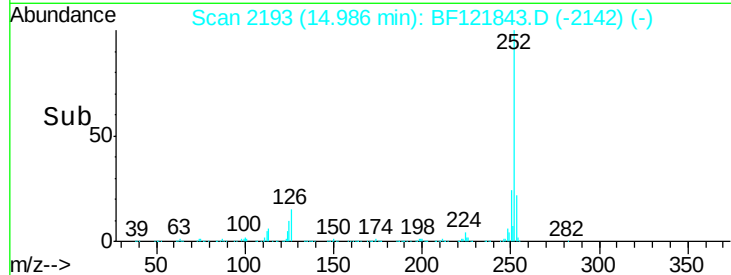
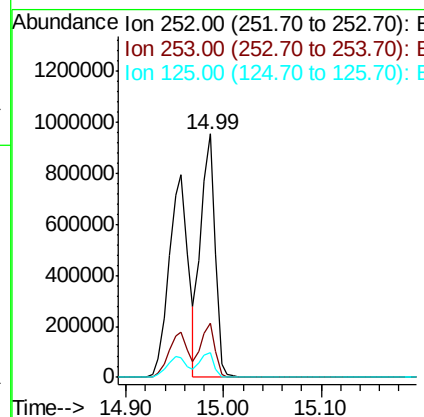
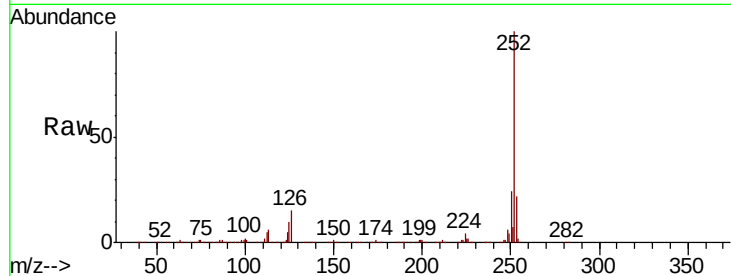
#89
Benzo(k)fluoranthene
Concen: 40.471 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		972799		
253	22.0	17.8	26.6		
125	10.3	7.7	11.5		

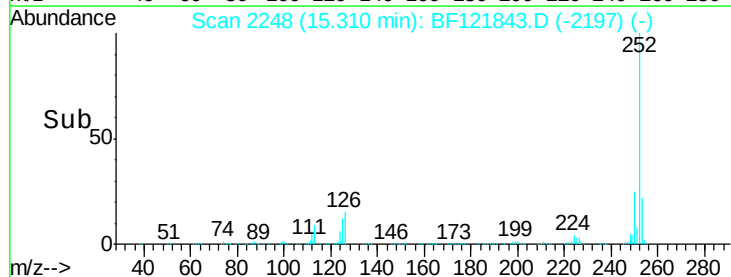
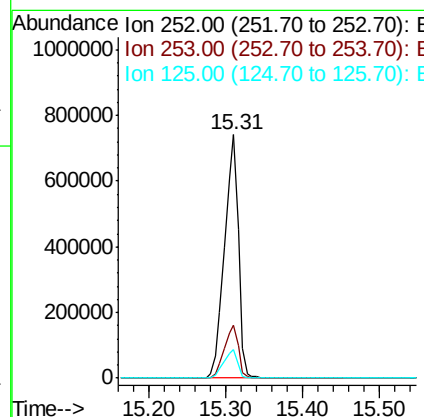
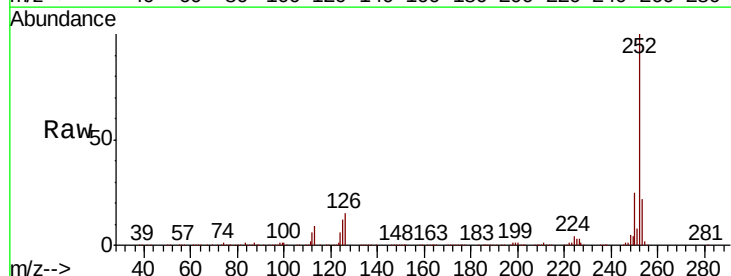
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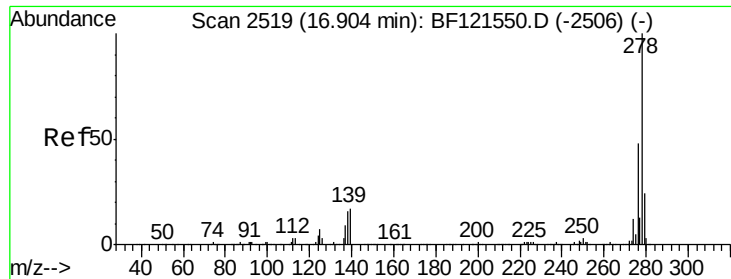
mohammad
10/7/2020 10:40:30 AM



#90
Benzo(a)pyrene
Concen: 41.498 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		925920		
253	21.9	17.3	25.9		
125	11.6	8.6	13.0		





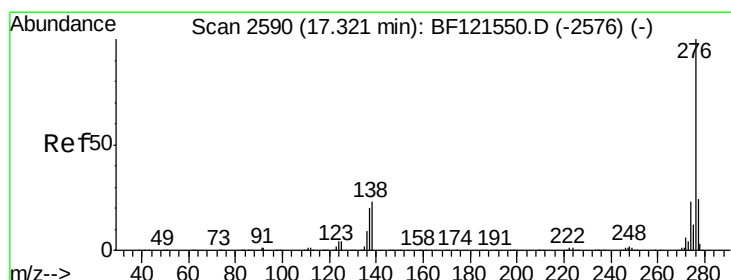
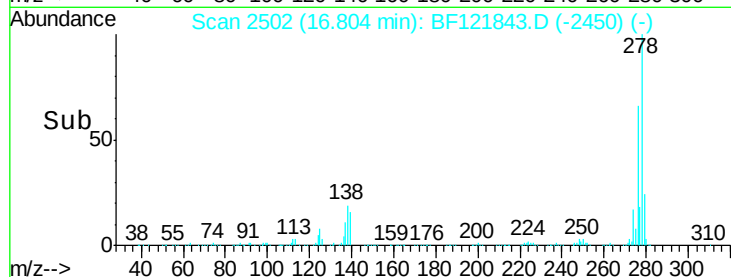
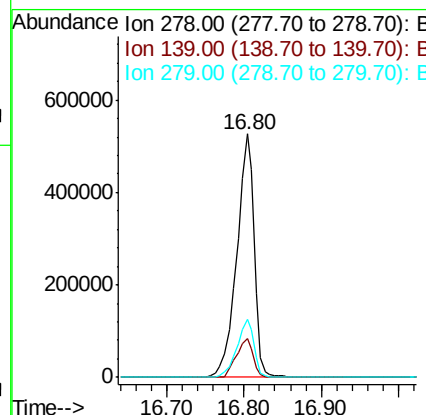
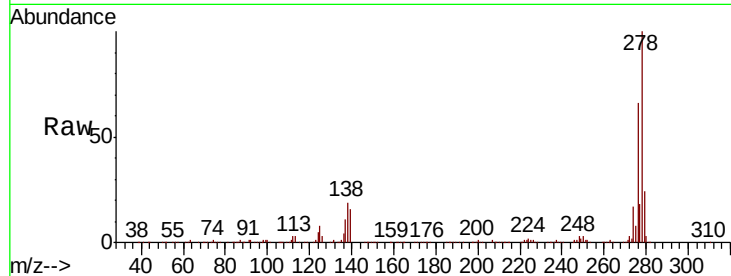
#91
Dibenzo(a,h)anthracene
Concen: 39.237 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	23.7	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 39.132 ng
RT: 17.22 min Scan# 2573
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	20.7	17.8	26.6

