

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121025.D
 Acq On : 27 Jul 2020 11:21
 Operator : JU/CG
 Sample : PB130443BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Manual Integrations
 APPROVED

mohammad
 7/28/2020 11:43:10 AM

Quant Time: Jul 27 12:31:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161834	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	614352	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	311497	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	576846	20.00	ng	0.00
76) Chrysene-d12	13.97	240	419214	20.00	ng	0.00
86) Perylene-d12	15.42	264	409982	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1086686	110.08	ng	0.02
7) Phenol-d6	6.45	99	1331823	104.44	ng	0.00
23) Nitrobenzene-d5	7.38	82	844285	79.52	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	384285	112.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1526981	73.19	ng	0.00
79) Terphenyl-d14	12.92	244	1476057	76.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	164458	36.198	ng	98
3) Pyridine	3.36	79	385844	31.925	ng	98
4) n-Nitrosodimethylamine	3.30	42	197479	38.211	ng	96
6) Aniline	6.47	93	506999	30.459	ng	97
8) 2-Chlorophenol	6.60	128	452758	41.633	ng	99
9) Benzaldehyde	6.36	77	310247	55.635	ng	99
10) Phenol	6.46	94	522815	37.271	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	422343	39.286	ng	100
12) 1,3-Dichlorobenzene	6.76	146	462008	39.178	ng	99
13) 1,4-Dichlorobenzene	6.83	146	463866	39.559	ng	99
14) 1,2-Dichlorobenzene	6.99	146	450780	40.636	ng	99
15) Benzyl Alcohol	6.96	79	346270	38.398	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	589234	38.027	ng	98
17) 2-Methylphenol	7.07	107	353723	36.697	ng	99
18) Hexachloroethane	7.33	117	174228	41.052	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	269888	37.220	ng	99
20) 3+4-Methylphenols	7.22	107	389746	31.786	ng	# 85
22) Acetophenone	7.23	105	547367	39.699	ng	96
24) Nitrobenzene	7.40	77	442644	38.681	ng	99
25) Isophorone	7.64	82	806124	38.043	ng	99
26) 2-Nitrophenol	7.72	139	235746	43.377	ng	99
27) 2,4-Dimethylphenol	7.75	122	375052	42.503	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	516441	39.927	ng	99
29) 2,4-Dichlorophenol	7.96	162	361488	40.090	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	396996	39.684	ng	99
31) Naphthalene	8.12	128	1225501	38.888	ng	100
32) Benzoic acid	7.88	122	258563	39.035	ng	94
33) 4-Chloroaniline	8.17	127	292868	20.833	ng	99
34) Hexachlorobutadiene	8.24	225	229634	38.938	ng	99
35) Caprolactam	8.55	113	108077	37.377	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	369887	39.998	ng	96
37) 2-Methylnaphthalene	8.81	142	826455	40.390	ng	99
38) 1-Methylnaphthalene	8.91	142	770654	39.767	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	368294	40.580	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425526	84.835	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	263653	41.260	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	270901	37.373	nq	98
46) 1,1'-Biphenyl	9.27	154	997737	41.991	nq	99
47) 2-Chloronaphthalene	9.30	162	769486	39.721	nq	99
48) 2-Nitroaniline	9.40	65	227604	38.877	nq	89
49) Acenaphthylene	9.72	152	1218482	40.487	nq	100
50) Dimethylphthalate	9.57	163	877517	39.048	nq	99
51) 2,6-Dinitrotoluene	9.64	165	198869	41.191	nq #	86
52) Acenaphthene	9.89	154	803947m	42.017	nq	
53) 3-Nitroaniline	9.80	138	137097	22.641	nq	98
54) 2,4-Dinitrophenol	9.92	184	183380	67.184	nq #	84
55) Dibenzofuran	10.06	168	1072806	38.772	nq	99
56) 4-Nitrophenol	9.97	139	328951	71.516	nq	99
57) 2,4-Dinitrotoluene	10.04	165	265511	41.877	nq	94
58) Fluorene	10.40	166	777194	37.661	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	236090	42.779	nq	97
60) Diethylphthalate	10.27	149	877103	38.587	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	392380	35.648	nq	98
62) 4-Nitroaniline	10.42	138	211896	35.924	nq	95
63) Azobenzene	10.55	77	824471	38.100	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	123735	37.938	nq	92
66) n-Nitrosodiphenylamine	10.51	169	741505	40.862	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	256545	39.890	nq	98
68) Hexachlorobenzene	10.95	284	287071	41.263	nq #	89
69) Atrazine	11.04	200	208133	46.313	nq	98
70) Pentachlorophenol	11.14	266	323392	81.140	nq	99
71) Phenanthrene	11.36	178	1155666	38.954	nq	99
72) Anthracene	11.42	178	1223093	41.057	nq	99
73) Carbazole	11.57	167	1133499	38.340	nq	100
74) Di-n-butylphthalate	11.90	149	1346945	39.480	nq	100
75) Fluoranthene	12.55	202	1279733	38.917	nq	97
77) Benzidine	12.67	184	534467	48.491	nq	99
78) Pyrene	12.77	202	1289378	43.503	nq	100
80) Butylbenzylphthalate	13.40	149	559511	42.347	nq	96
81) Benzo(a)anthracene	13.96	228	1030353	40.588	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	325369	33.973	nq	99
83) Chrysene	14.00	228	1094364	41.022	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	716465	43.975	nq	99
85) Di-n-octyl phthalate	14.57	149	1318473	40.676	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1112626	39.022	nq	99
88) Benzo(b)fluoranthene	15.00	252	1014725	40.946	nq	99
89) Benzo(k)fluoranthene	15.03	252	1052211	46.556	nq	99
90) Benzo(a)pyrene	15.36	252	943472	41.728	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	941099	40.407	nq	99
92) Benzo(g,h,i)perylene	17.29	276	909407	39.601	nq	98

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

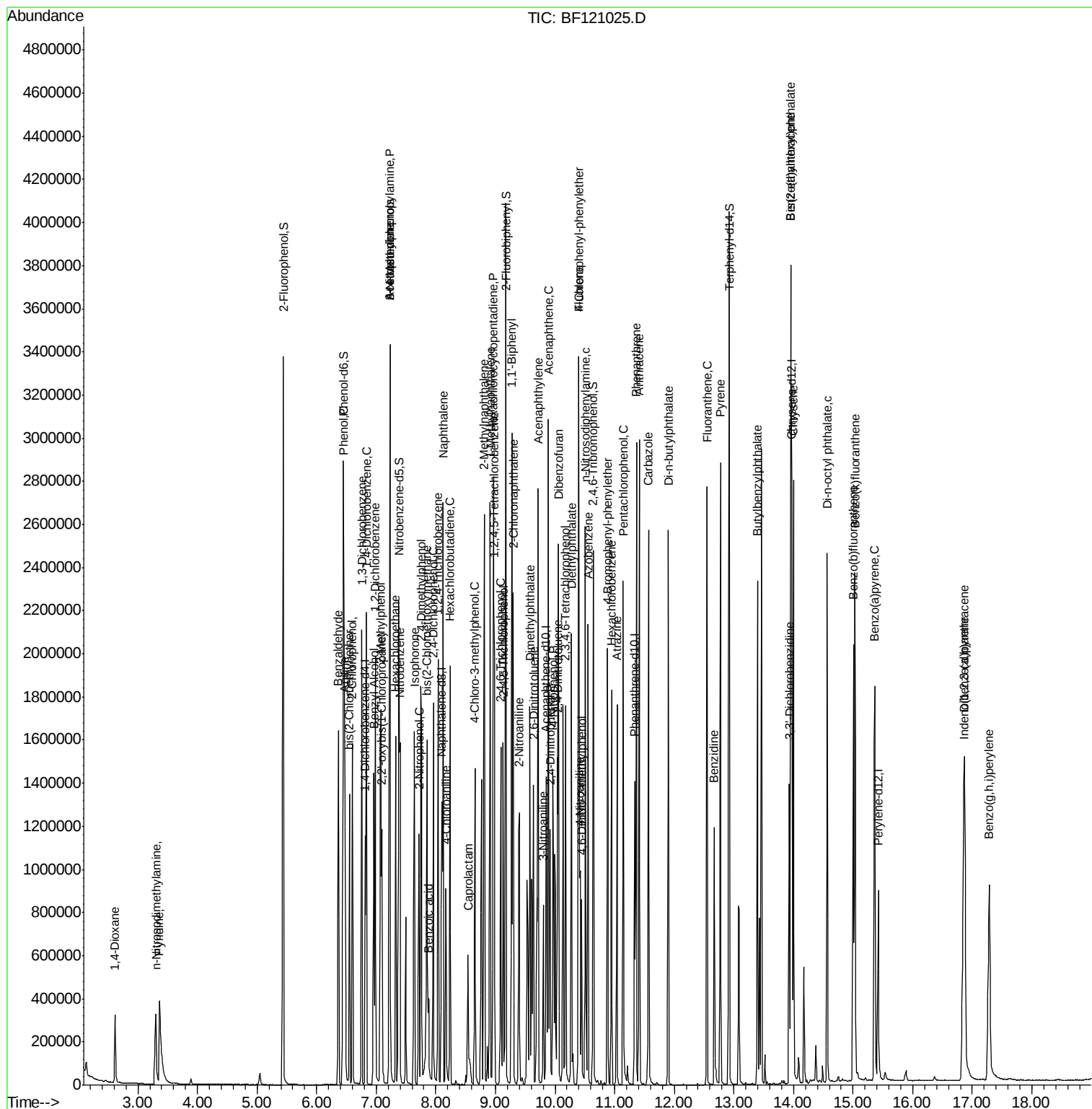
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#1

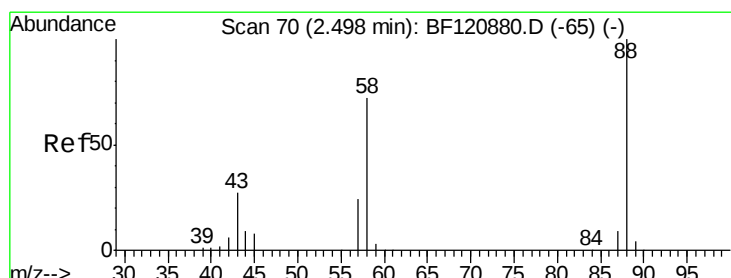
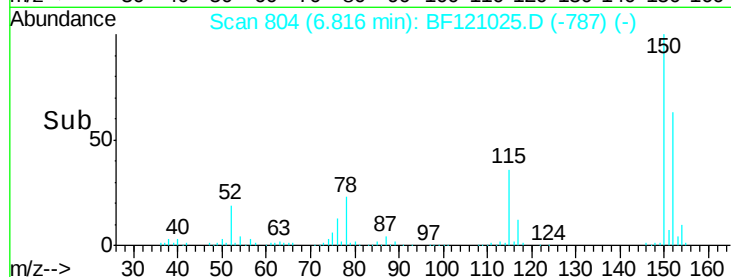
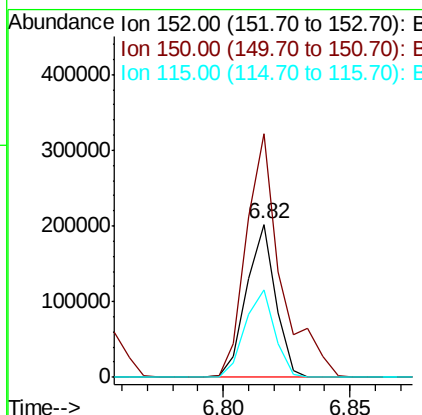
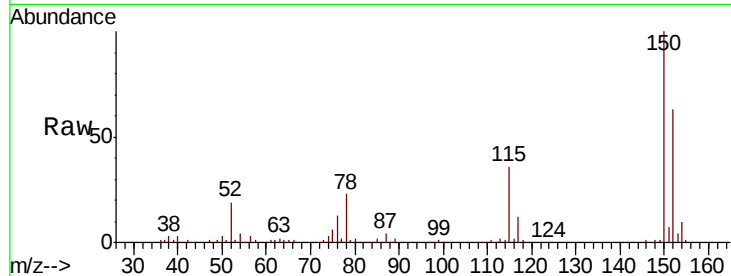
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.0	187.6
115	57.3	47.0	70.4

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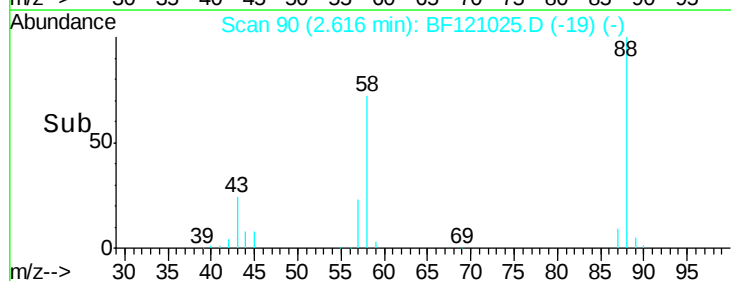
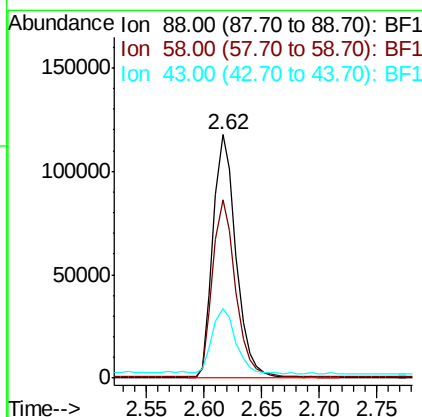
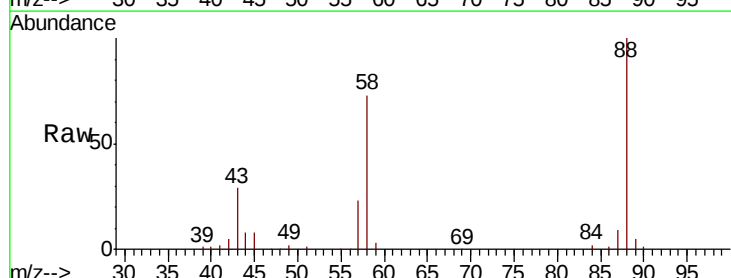
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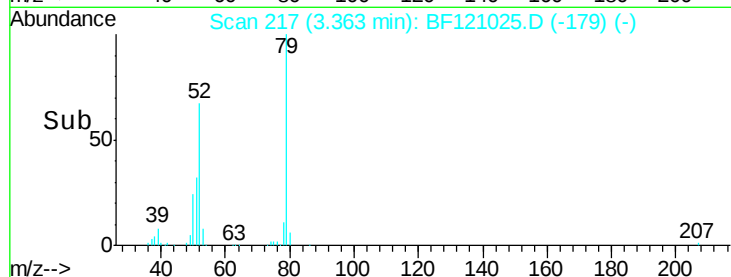
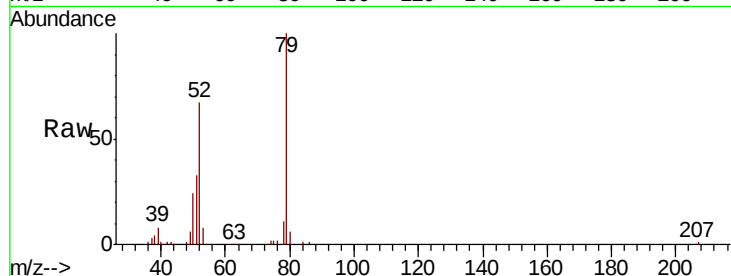
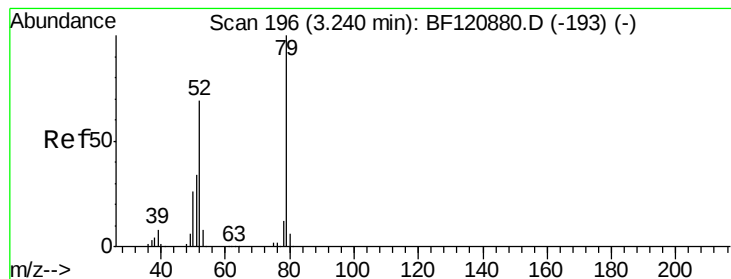


#2

1,4-Dioxane
Concen: 36.198 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.12 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	58.2	87.2
43	27.1	22.1	33.1





#3

Pvridine

Concen: 31.925 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tot Ion:	79	Resp:	385844
Ion	Ratio	Lower	Upper
79	100		
52	67.5	55.0	82.6
51	32.8	26.9	40.3

Instrument :

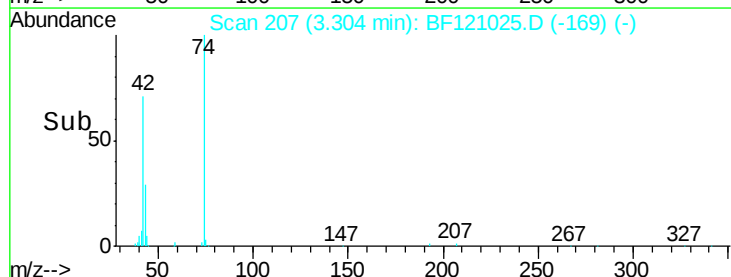
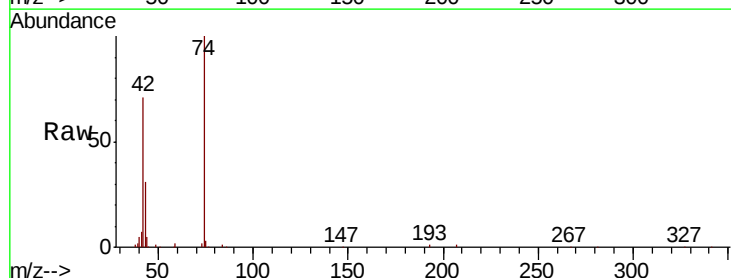
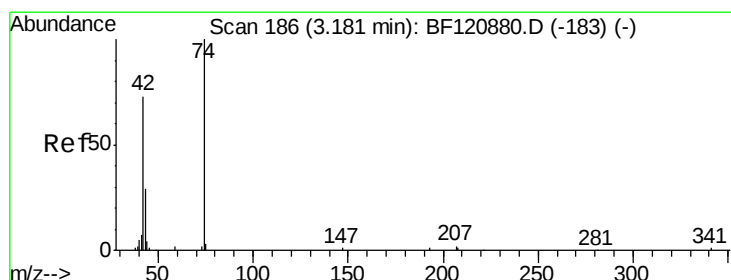
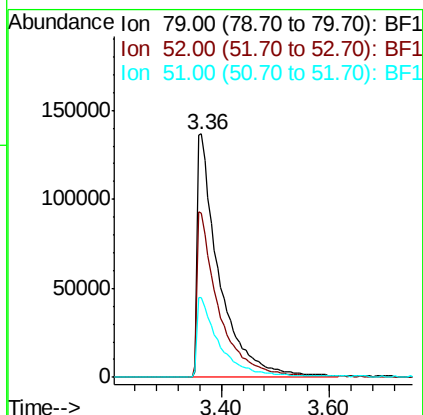
BNA_F

ClientSampleId :

PB130443BS

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#4

n-Nitrosodimethylamine

Concen: 38.211 ng

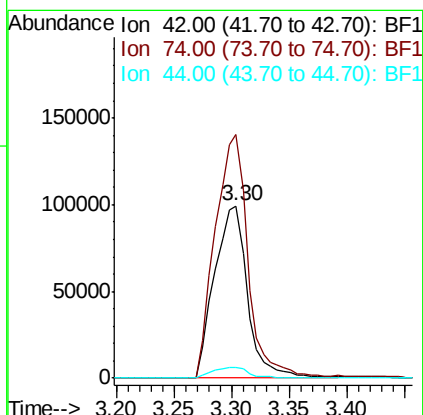
RT: 3.30 min Scan# 207

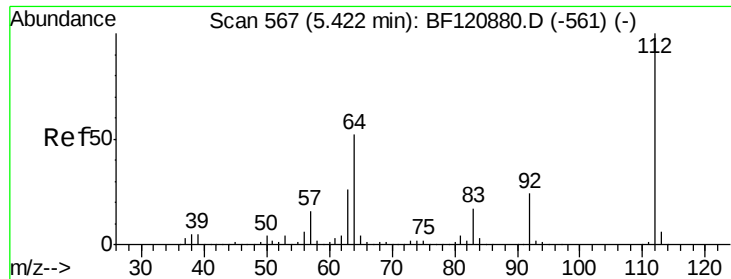
Delta R.T. 0.12 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	42	Resp:	197479
Ion	Ratio	Lower	Upper
42	100		
74	141.3	108.7	163.1
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 110.080 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

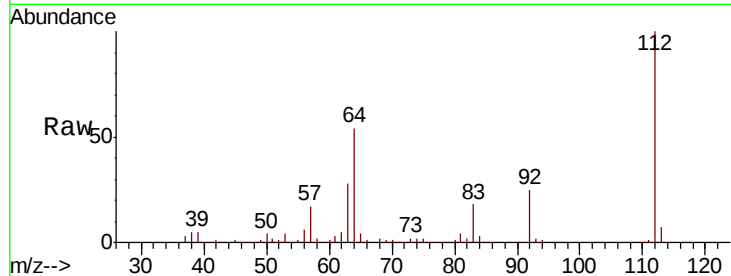
ClientSampled :

PB130443BS

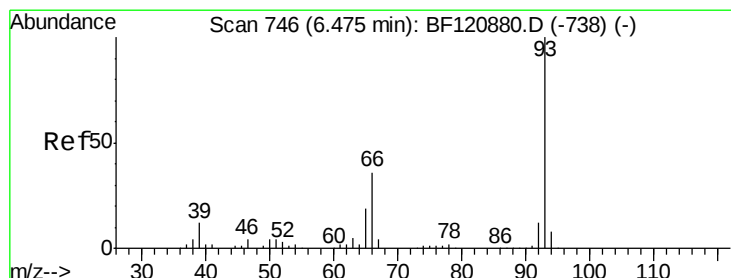
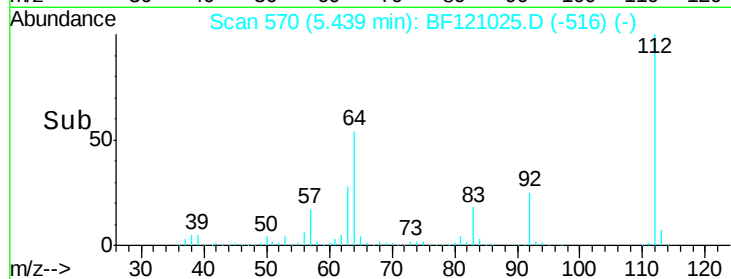
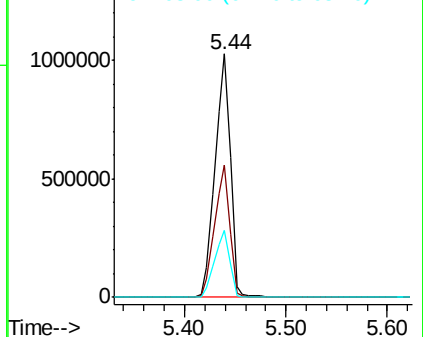
Tot Ion:	112	Resp:	1086686
Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	27.6	21.1	31.7

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



#6

Aniline

Concen: 30.459 ng

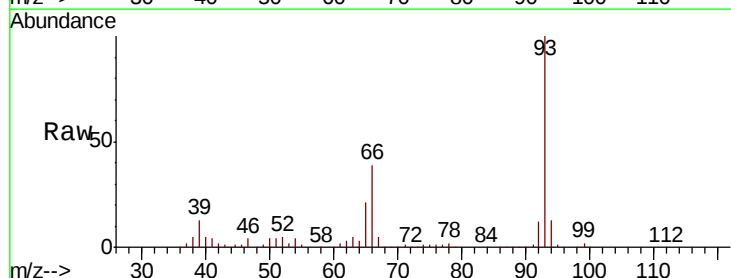
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

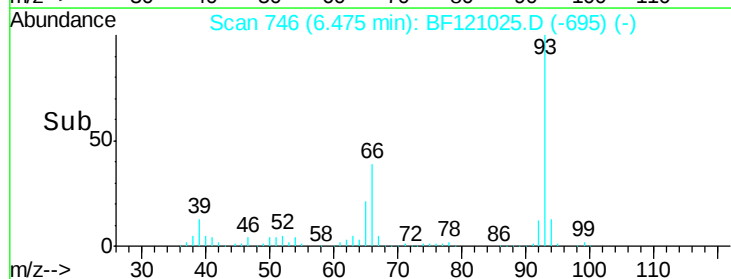
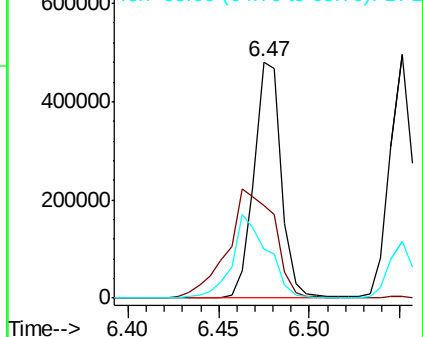
Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	93	Resp:	506999
Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.2	45.4
65	21.0	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.441 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

ClientSampleId :

PB130443BS

Tot Ion: 99 Resp: 1331823

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

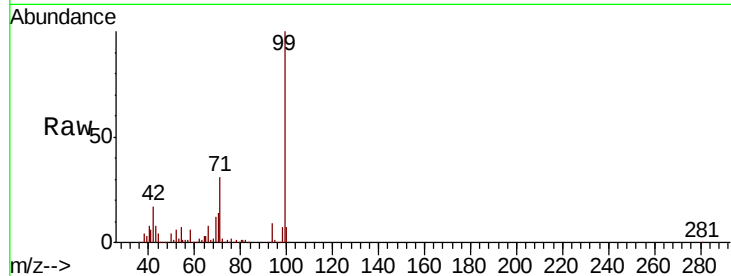
71 31.3 24.2 36.4

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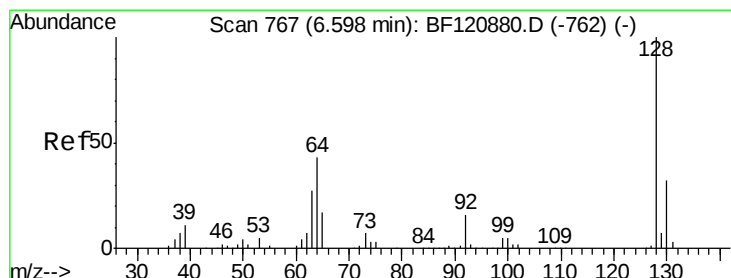
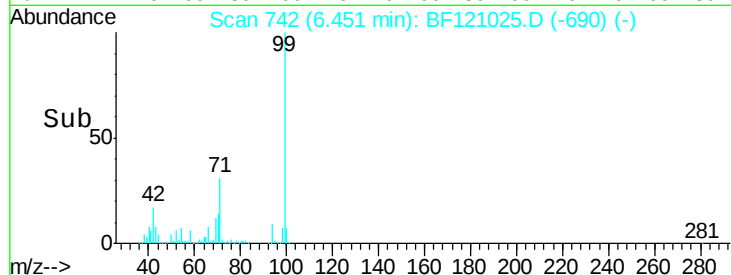
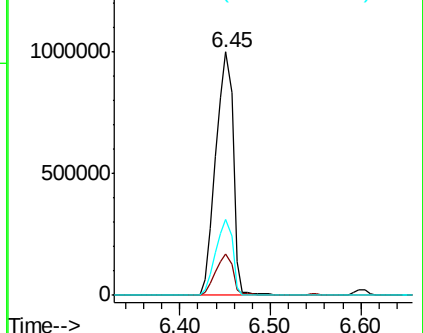
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.633 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

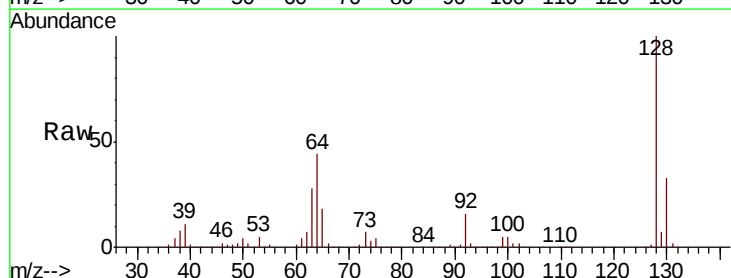
Tgt Ion:128 Resp: 452758

Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

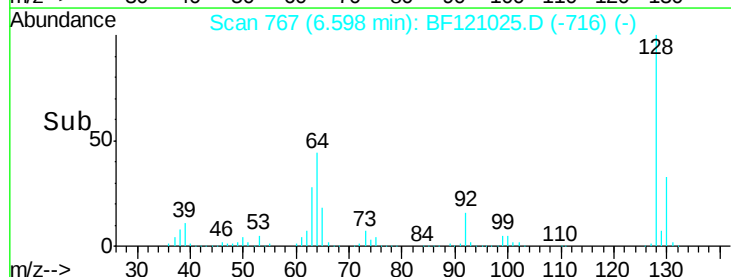
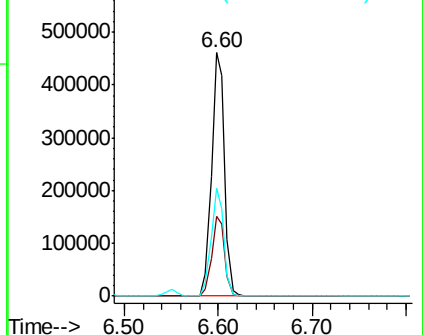
64 44.1 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 55.635 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

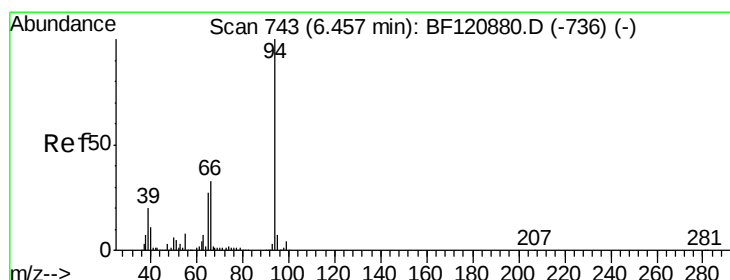
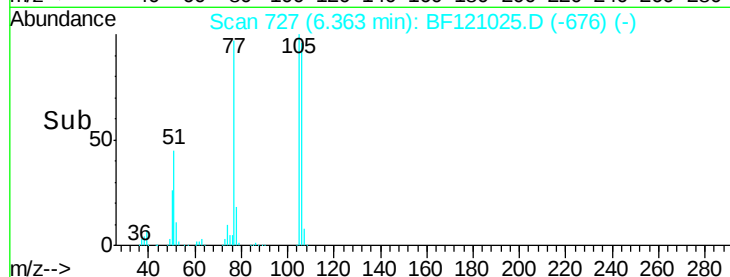
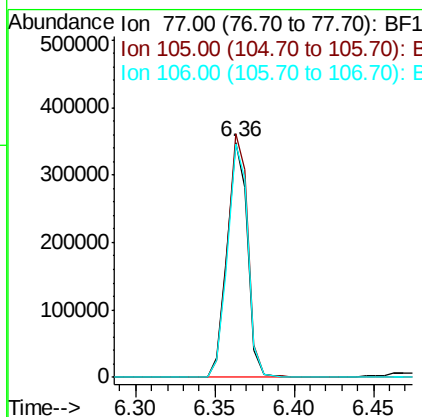
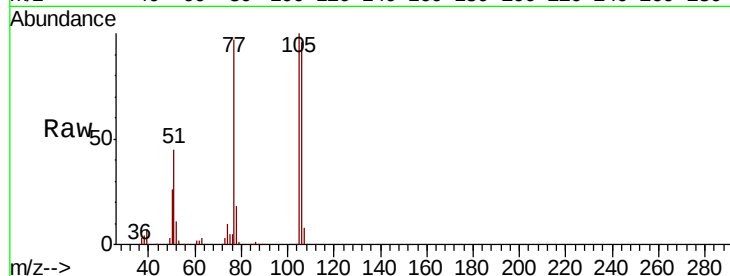
ClientSampleId :

PB130443BS

Tot Ion:	77	Resp:	310247
Ion Ratio	Lower	Upper	
77	100		
105	103.6	82.5	122.5
106	99.5	78.7	118.7

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#10

Phenol

Concen: 37.271 ng

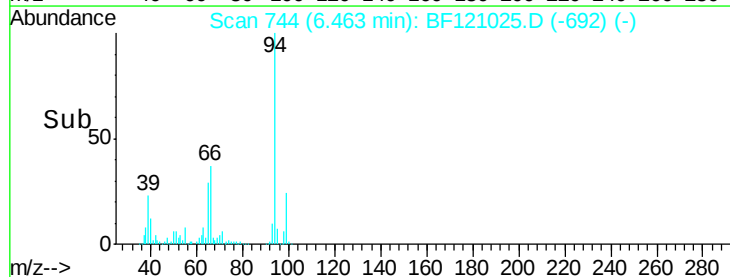
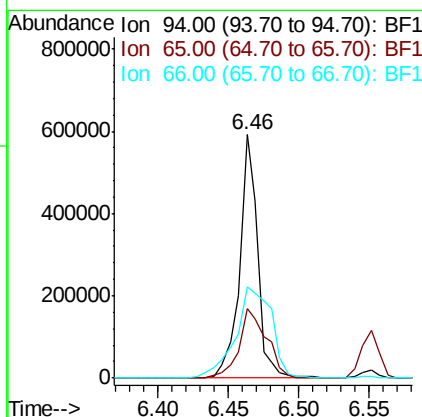
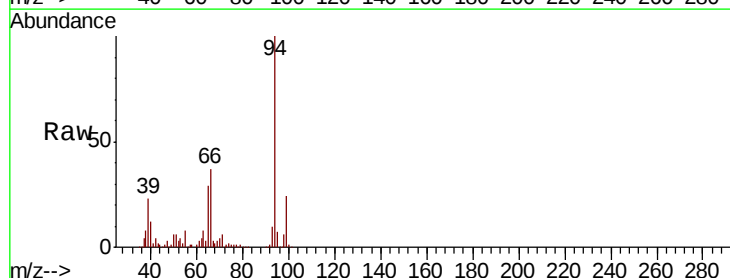
RT: 6.46 min Scan# 744

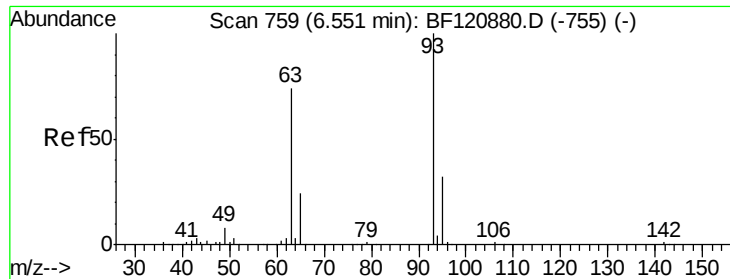
Delta R.T. 0.01 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	94	Resp:	522815
Ion Ratio	Lower	Upper	
94	100		
65	28.6	6.6	46.6
66	37.4	13.2	53.2





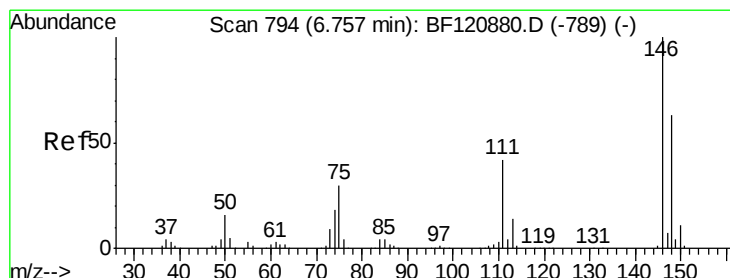
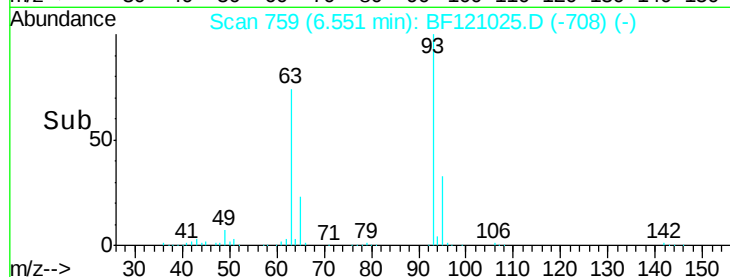
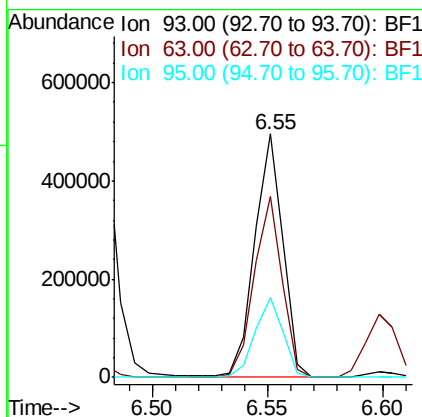
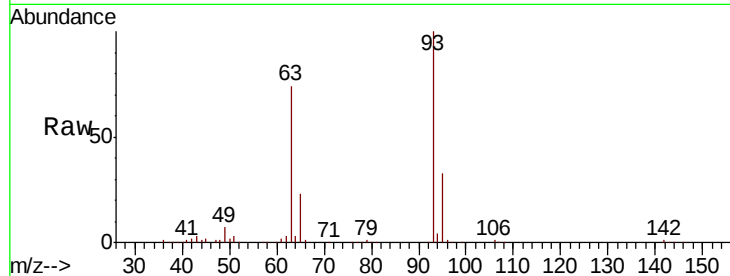
#11
bis(2-Chloroethyl)ether
Concen: 39.286 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.2	94.2
95	32.9	12.2	52.2

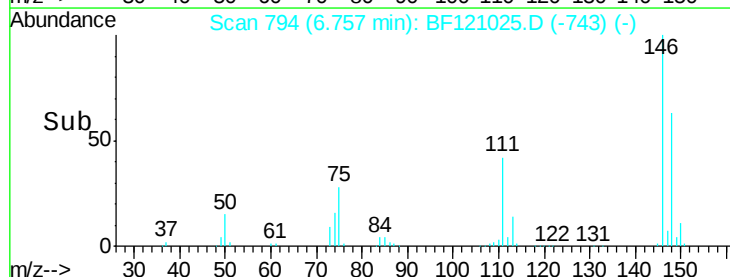
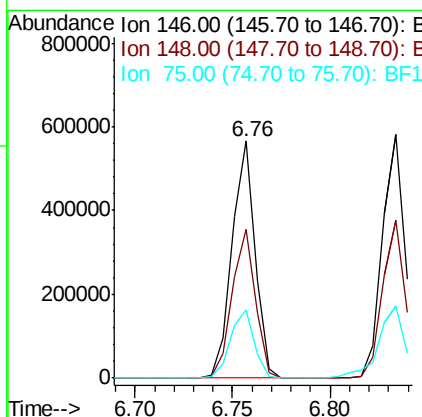
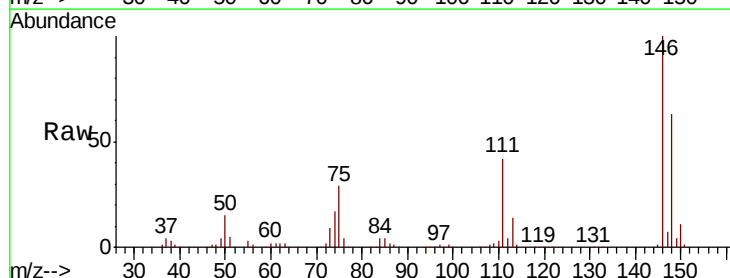
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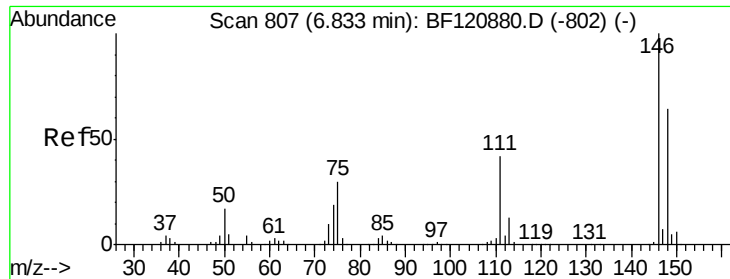
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.178 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
75	28.8	24.1	36.1





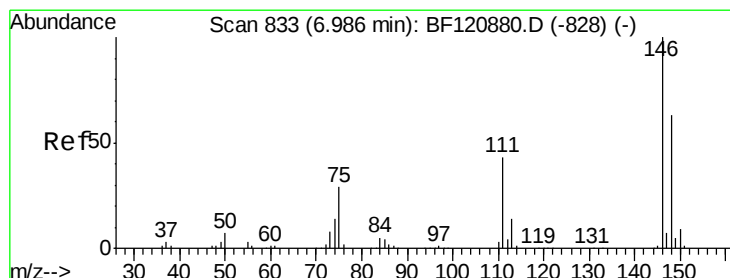
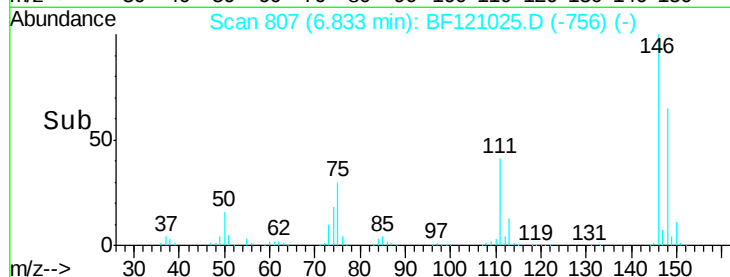
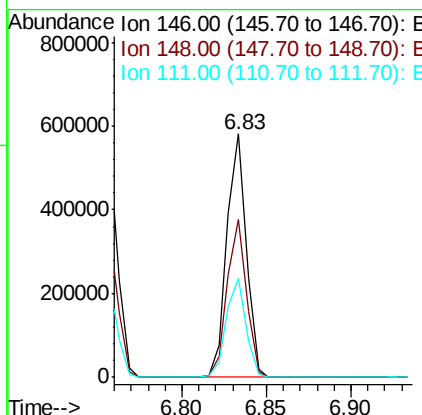
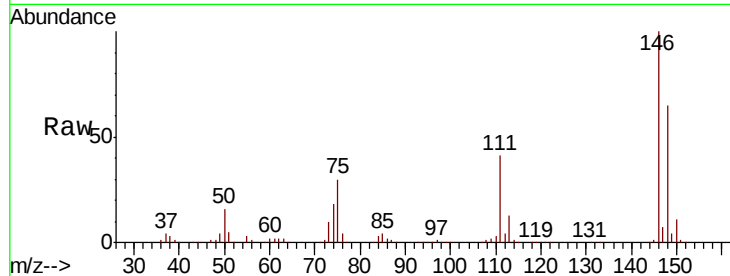
#13
 1,4-Dichlorobenzene
 Concen: 39.559 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	40.6	33.5	50.3

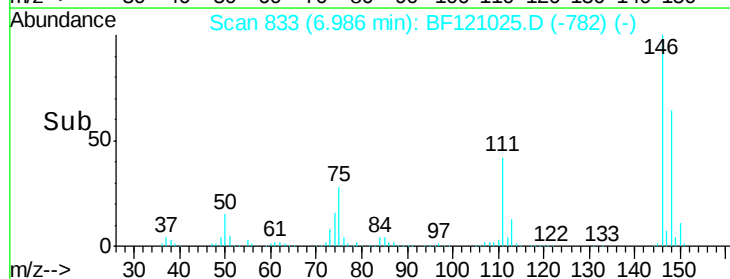
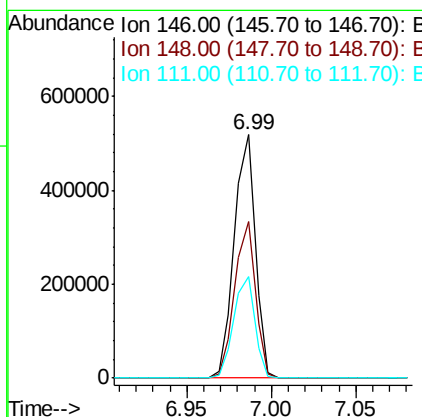
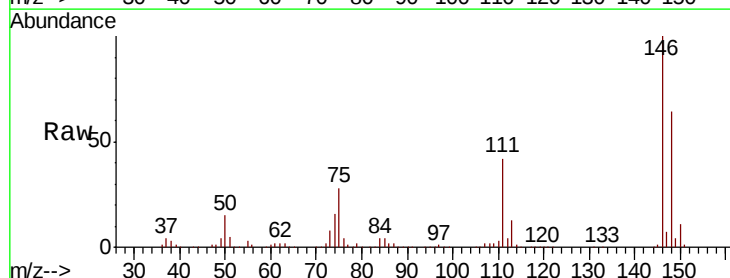
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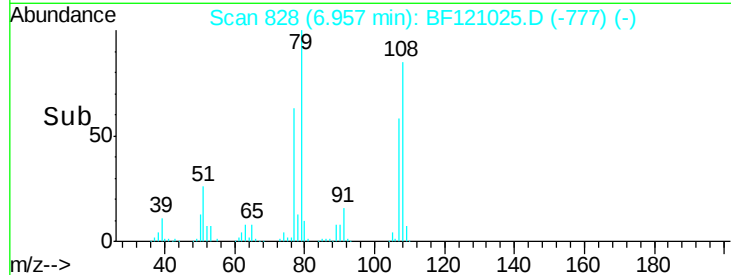
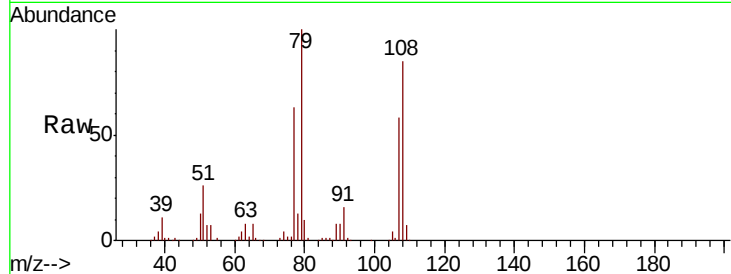
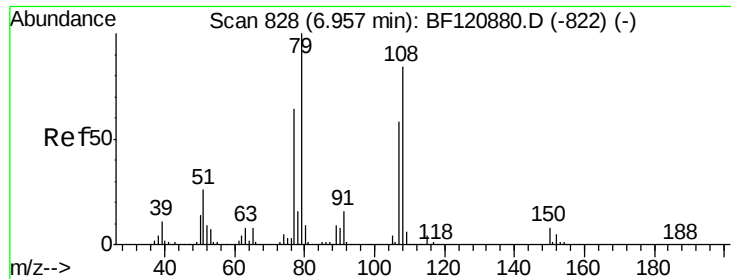
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#14
 1,2-Dichlorobenzene
 Concen: 40.636 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	76.0
111	41.5	34.2	51.2





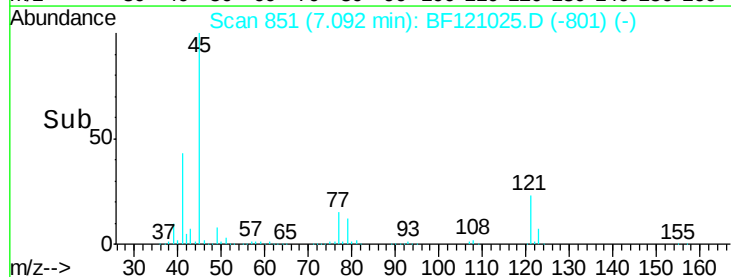
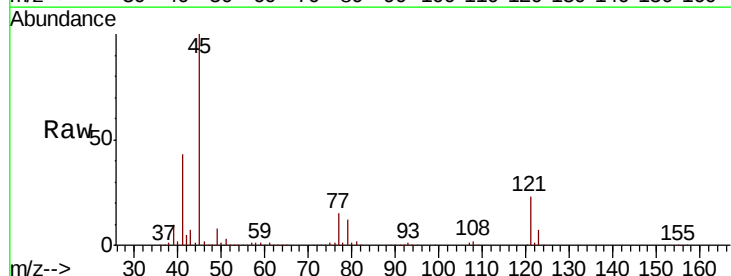
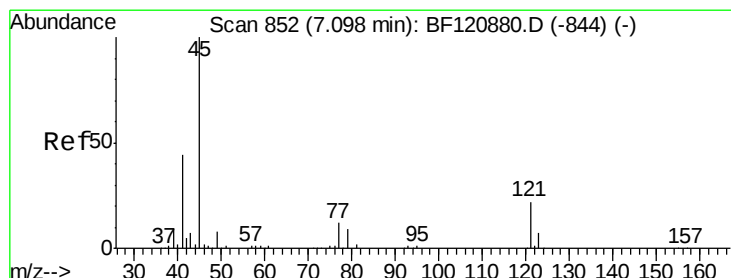
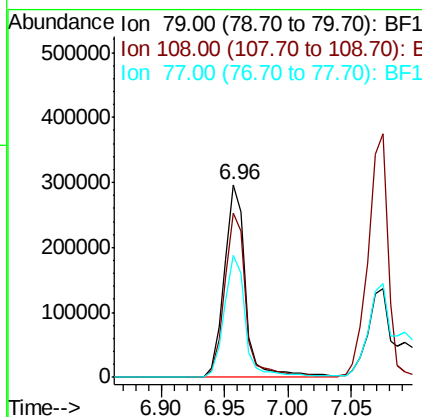
#15
Benzyl Alcohol
Concen: 38.398 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	85.2	67.0	100.6	
77	63.3	51.0	76.4	

Instrument :
BNA_F
ClientSampleID :
PB130443BS

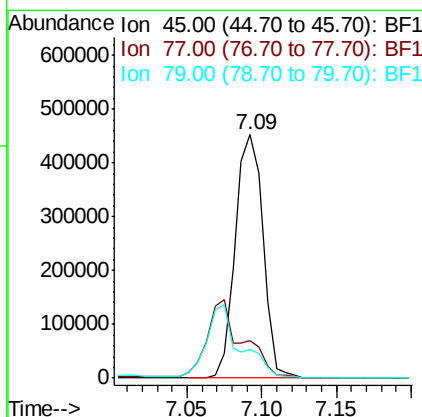
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.027 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.2	0.0	34.3	
79	11.8	0.0	31.0	





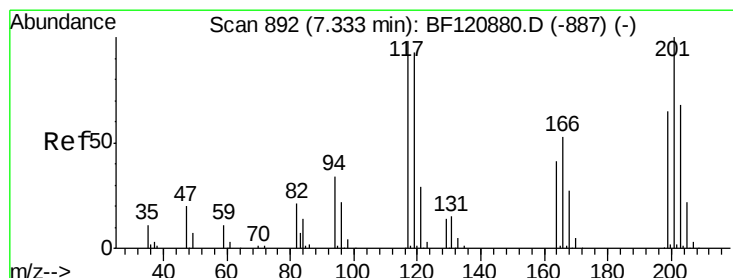
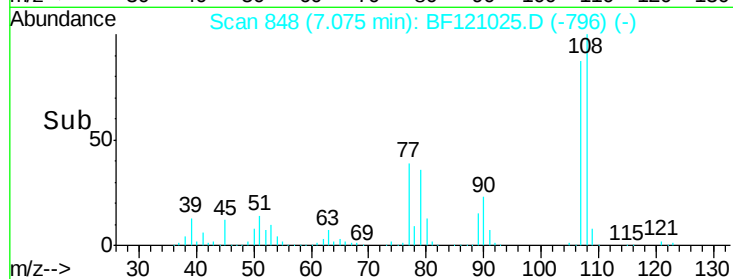
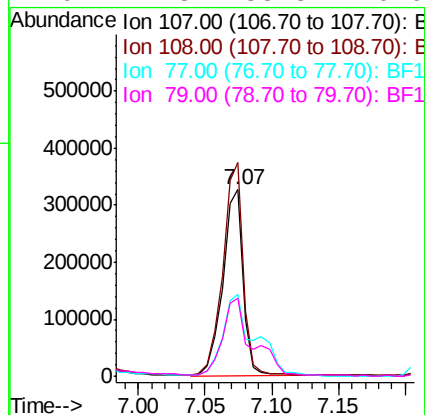
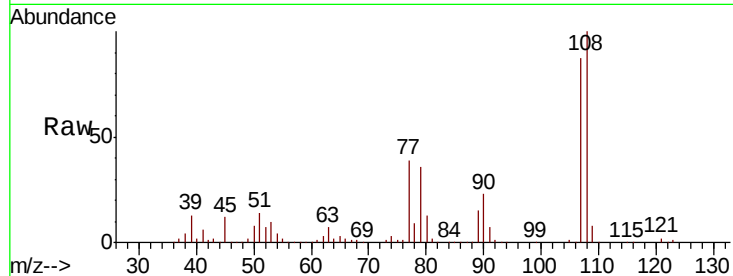
#17
2-Methylphenol
Concen: 36.697 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	92.0	138.0	
77	44.3	34.0	51.0	
79	41.8	33.3	49.9	

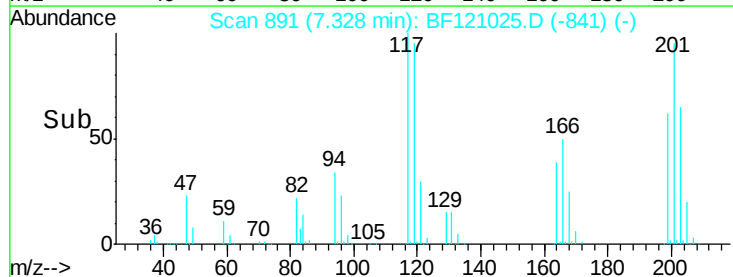
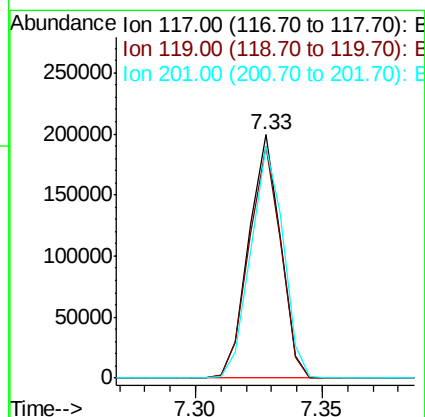
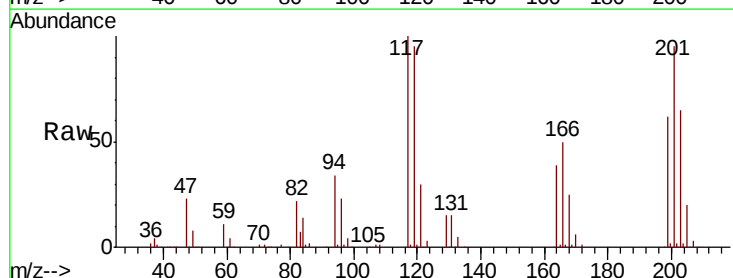
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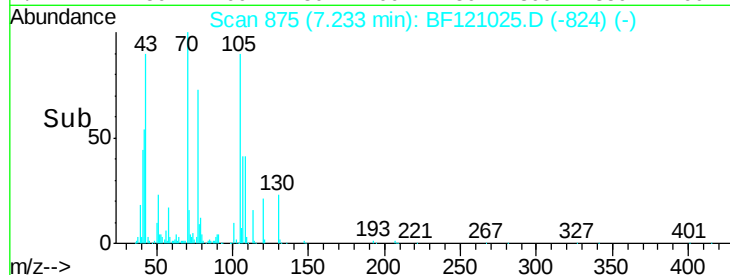
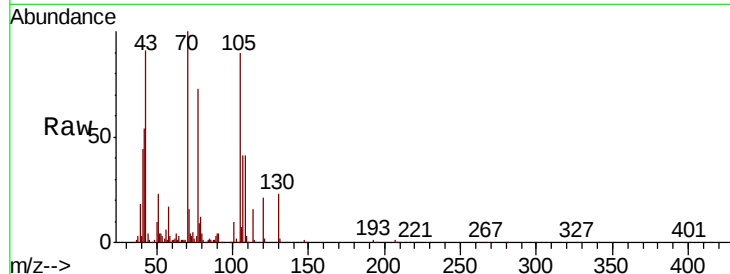
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#18
Hexachloroethane
Concen: 41.052 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.0	114.0	
201	95.3	81.7	122.5	





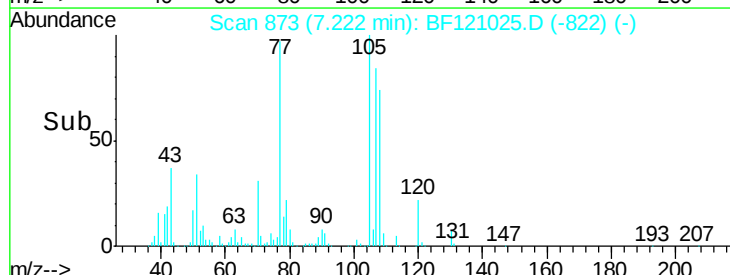
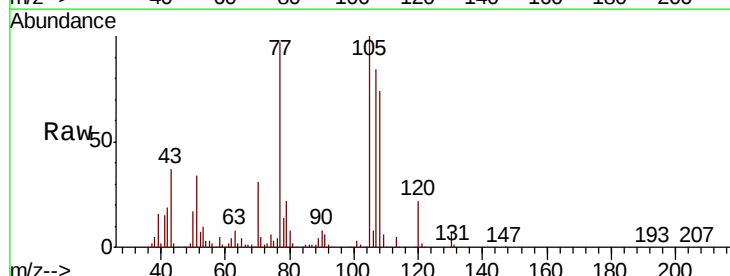
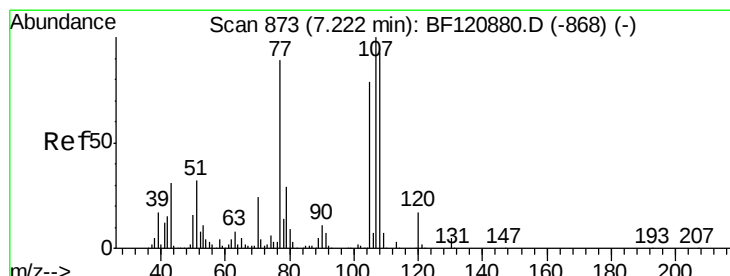
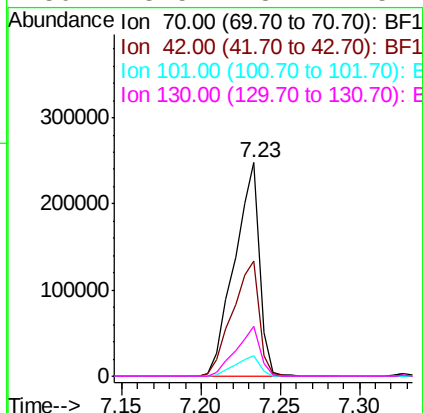
#19
n-Nitroso-di-n-propylamine
Concen: 37.220 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Manual Integrations
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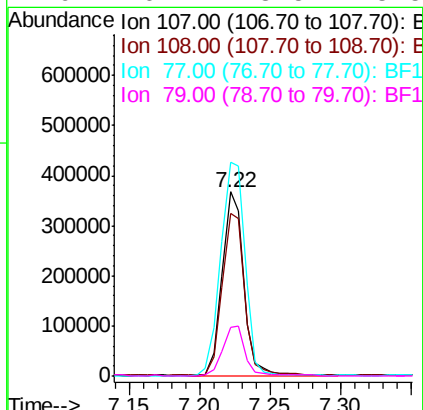
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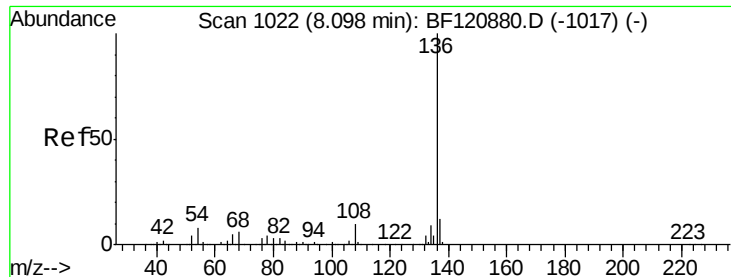
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	44.0	66.0	
101	9.7	7.8	11.6	
130	23.5	18.7	28.1	



#20
3+4-Methylphenols
Concen: 31.786 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	72.8	112.8	
77	116.2	68.7	108.7#	
79	26.2	8.5	48.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

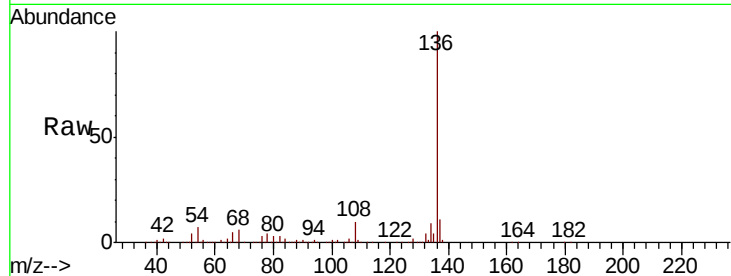
ClientSampleId :

PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	614352		
137	11.1	9.3	13.9	
54	7.4	6.3	9.5	
68	6.0	5.0	7.4	

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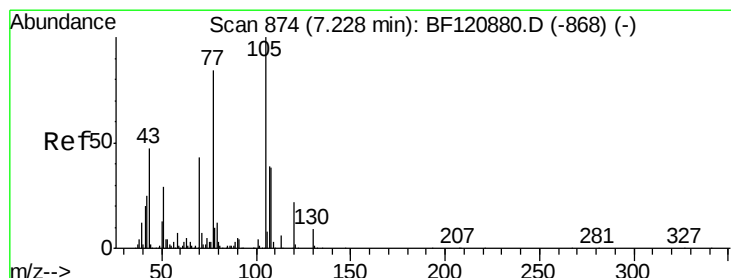
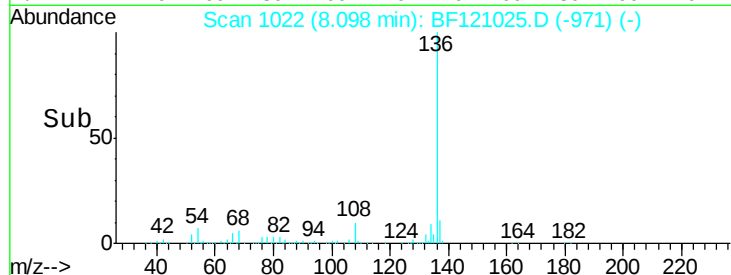
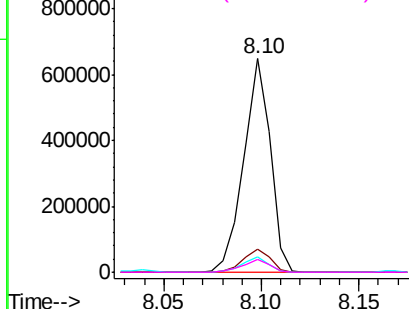


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.699 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

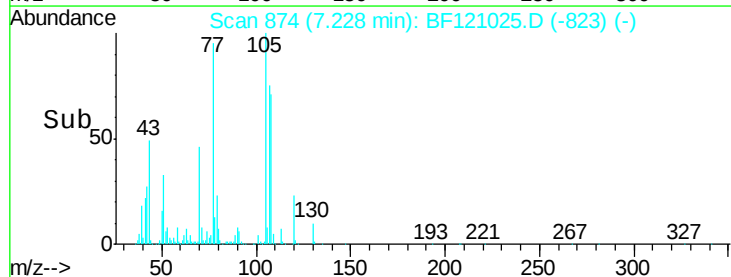
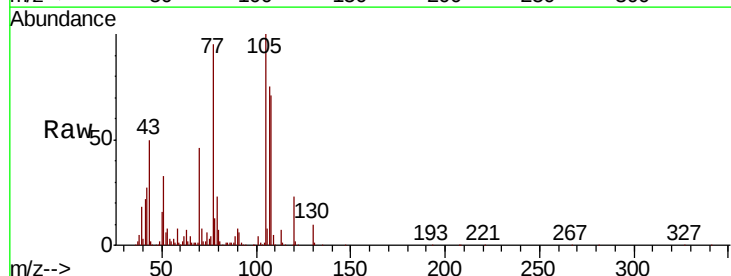
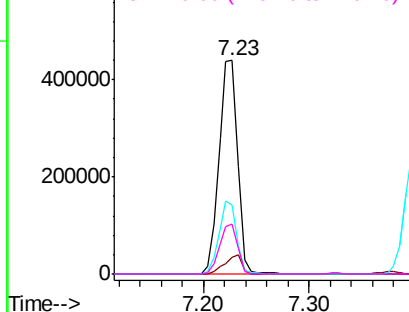
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547367		
71	7.8	5.7	8.5	
51	32.5	22.9	34.3	
120	23.2	18.0	27.0	

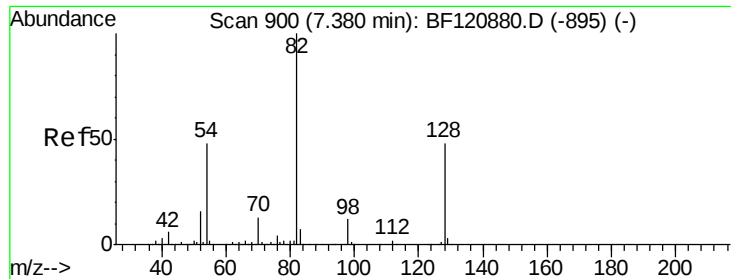
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





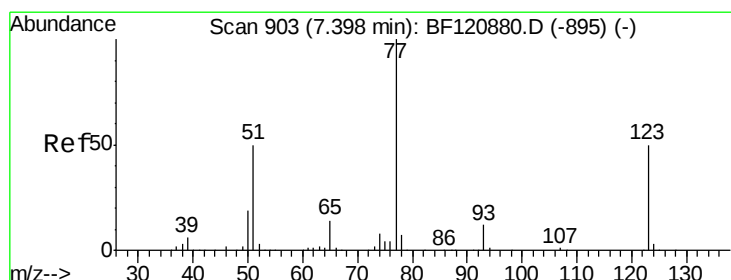
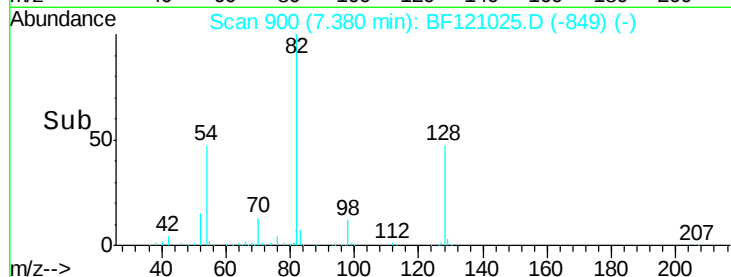
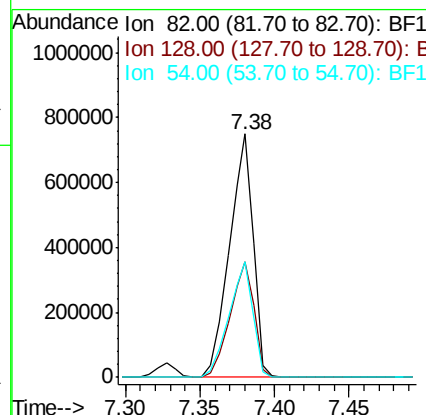
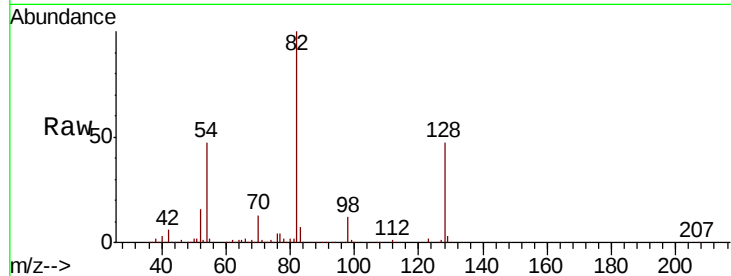
#23
Nitrobenzene-d5
Concen: 79.519 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	38.2	57.4	
54	47.3	38.7	58.1	

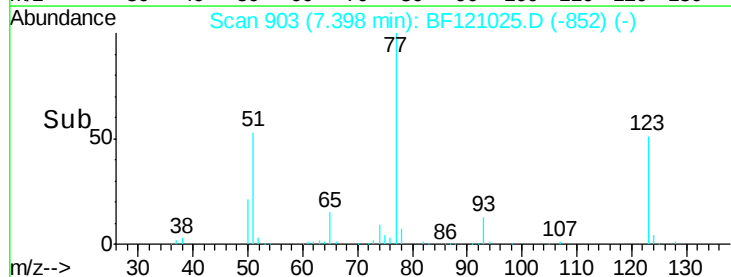
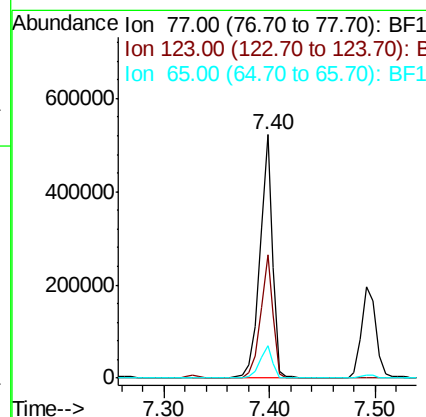
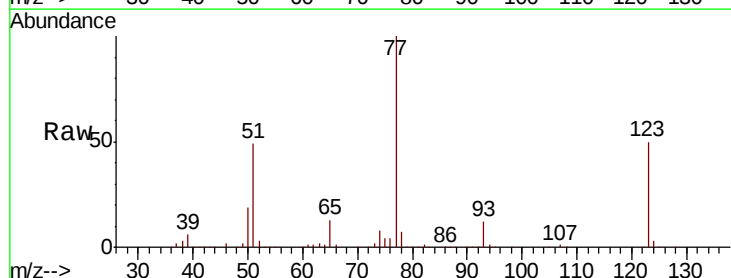
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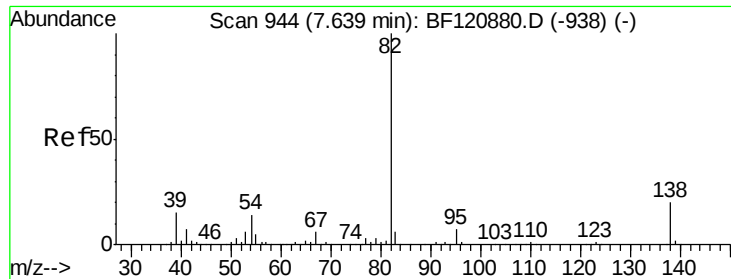
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#24
Nitrobenzene
Concen: 38.681 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.5	40.1	60.1	
65	13.3	10.8	16.2	





#25

Isophorone

Concen: 38.043 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

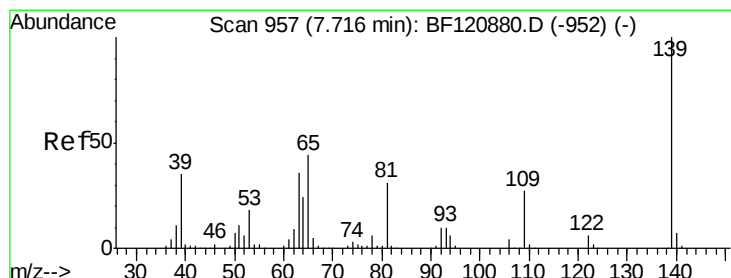
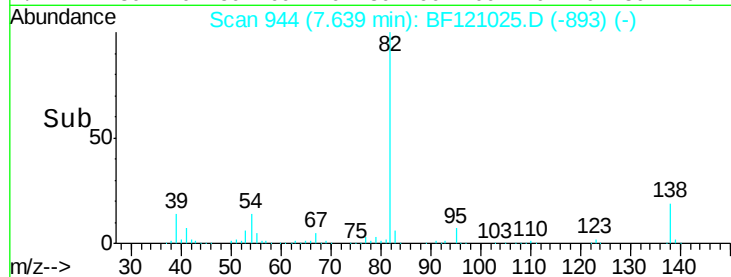
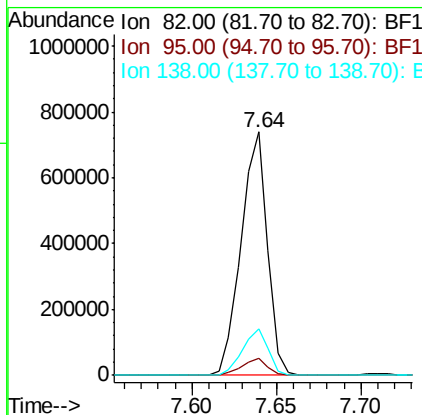
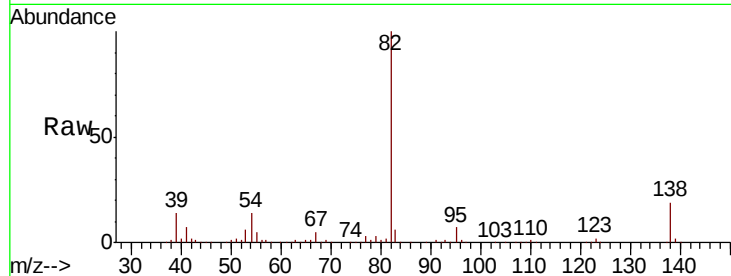
ClientSampleId :

PB130443BS

Tot Ion:	82	Resp:	806124
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.9	15.6	23.4

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#26

2-Nitrophenol

Concen: 43.377 ng

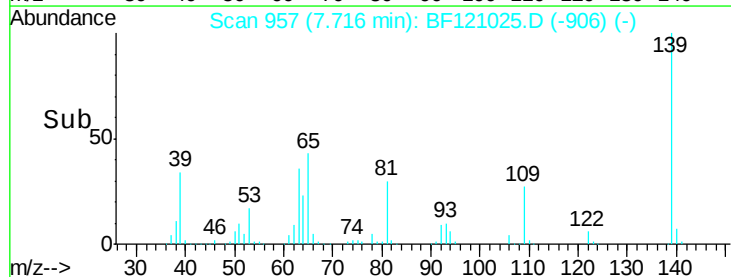
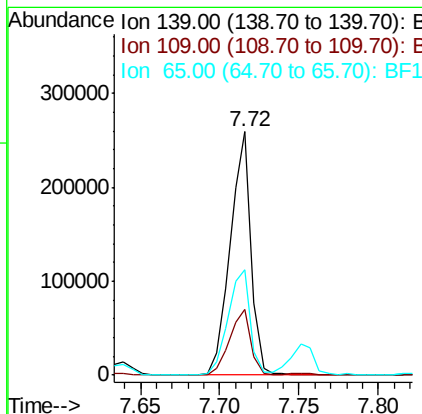
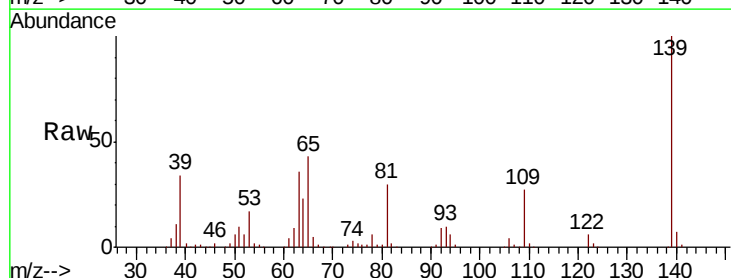
RT: 7.72 min Scan# 957

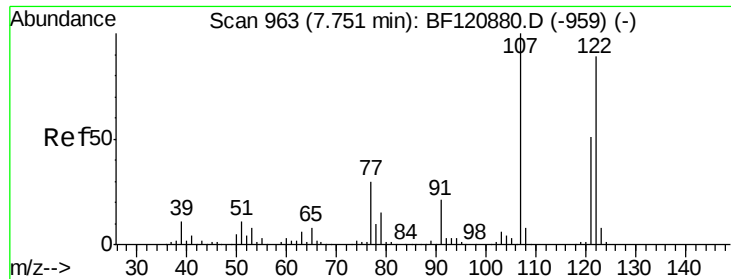
Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	139	Resp:	235746
Ion Ratio		Lower	Upper
139	100		
109	27.1	21.6	32.4
65	43.3	35.3	52.9





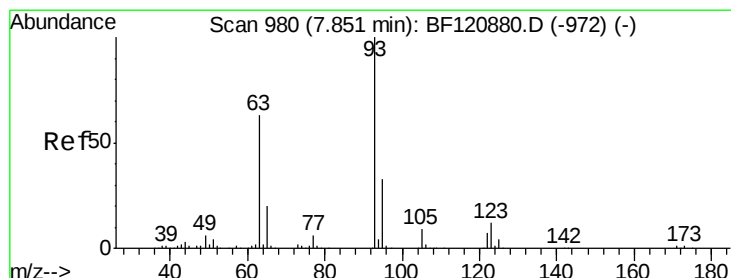
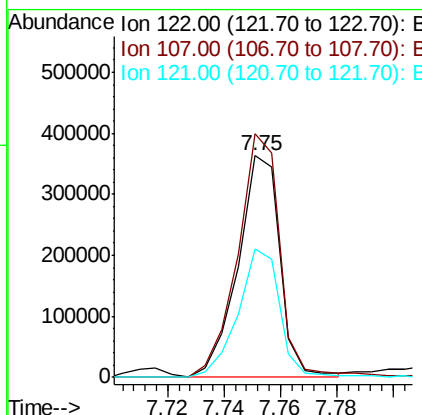
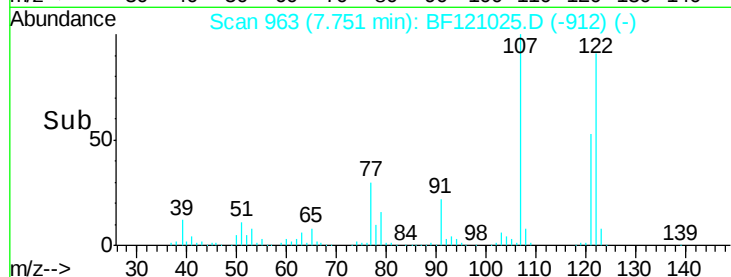
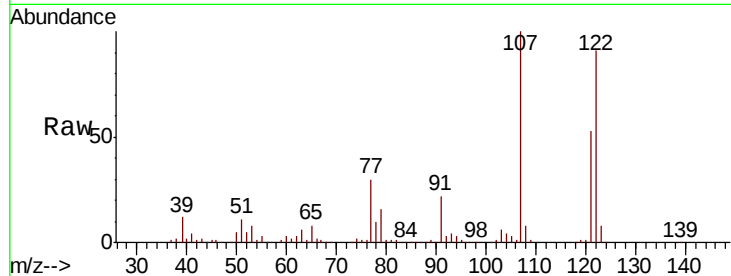
#27
 2,4-Dimethylphenol
 Concen: 42.503 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleID :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.4	134.0
121	58.0	46.0	69.0

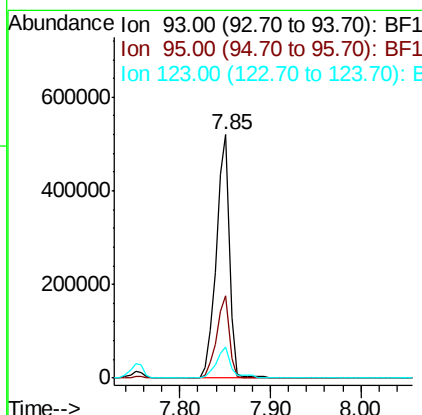
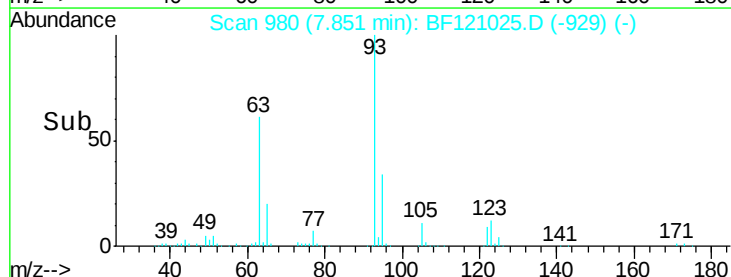
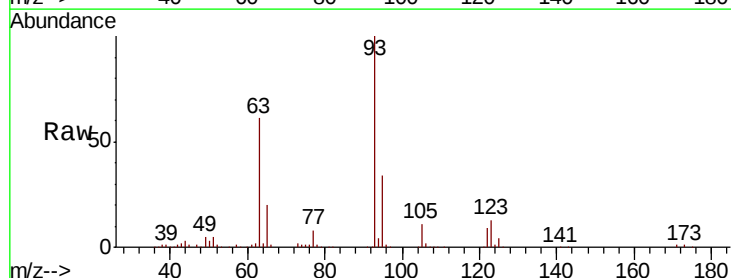
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.927 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.6	39.8
123	12.5	10.0	15.0





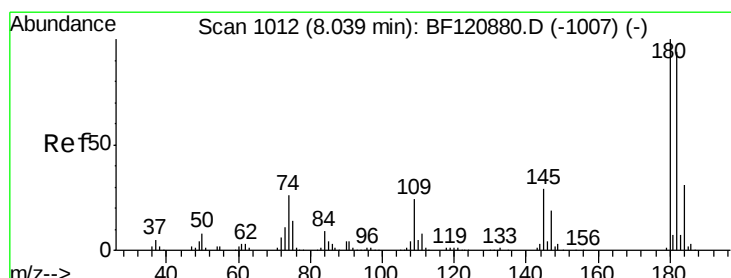
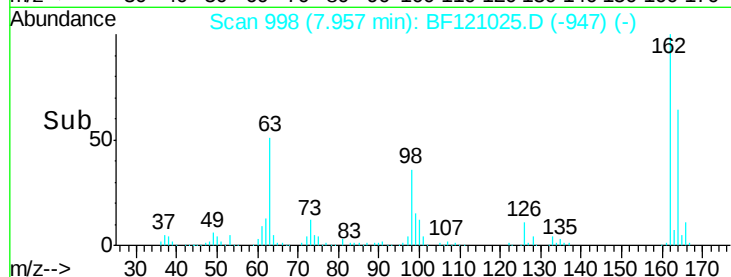
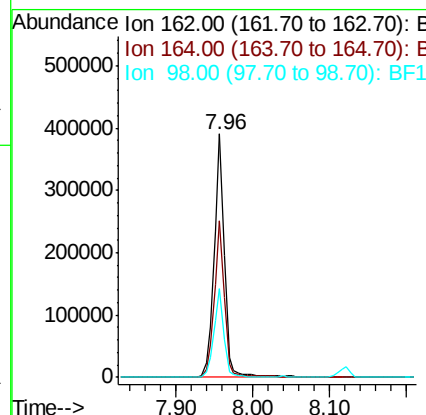
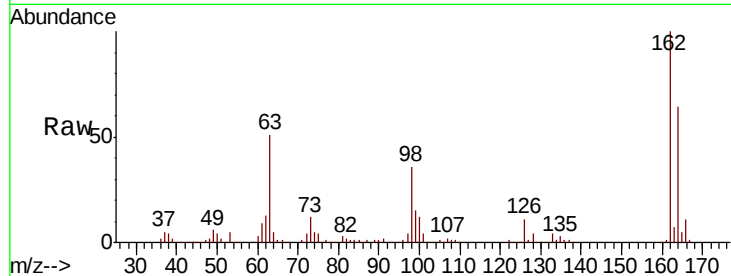
#29
2,4-Dichlorophenol
Concen: 40.090 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleID :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	361488		
164	64.1	45.3	85.3	
98	36.5	13.3	53.3	

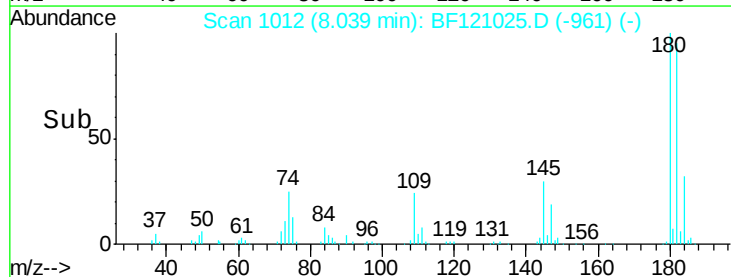
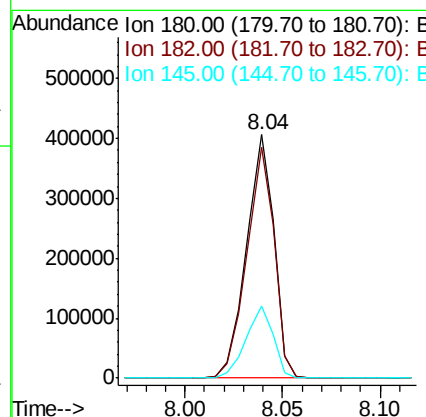
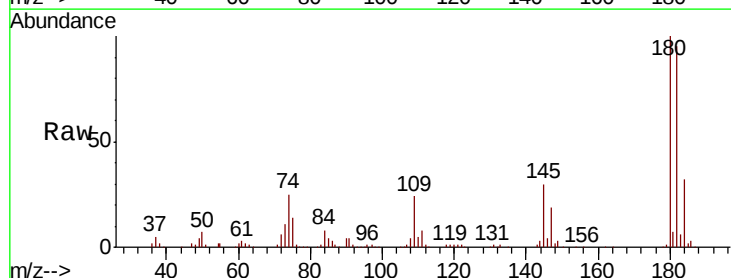
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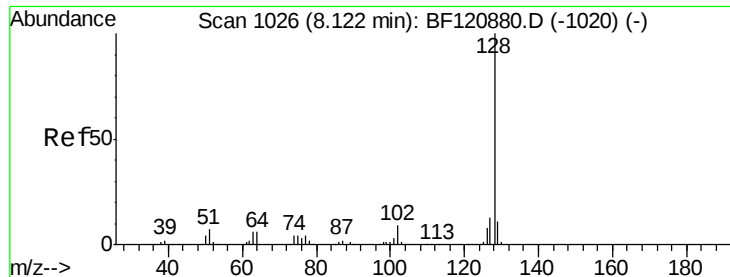
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#30
1,2,4-Trichlorobenzene
Concen: 39.684 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	396996		
182	94.9	75.0	112.6	
145	29.8	23.5	35.3	





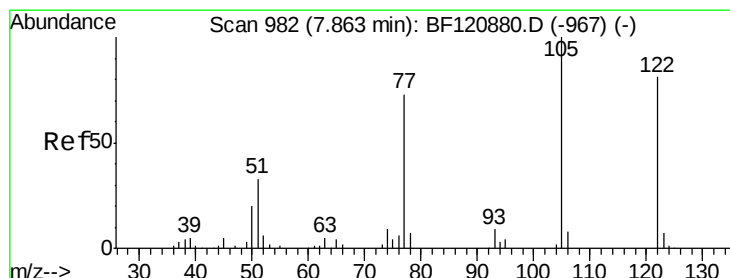
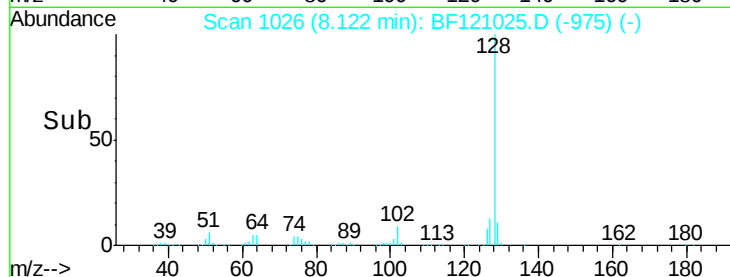
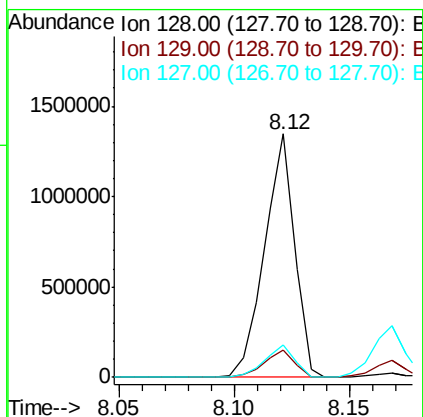
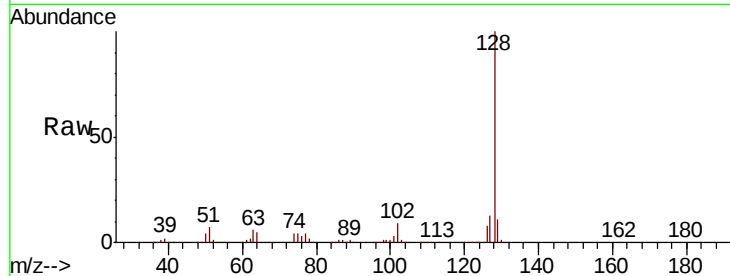
#31
Naphthalene
Concen: 38.888 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.4	10.7	16.1

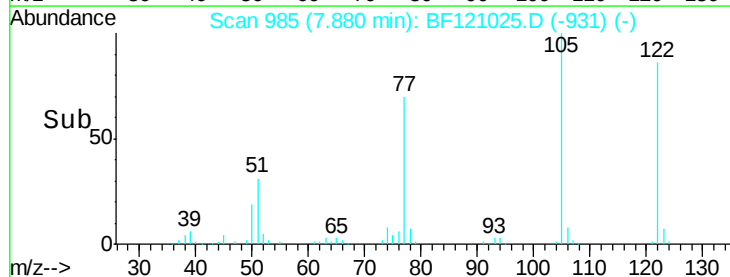
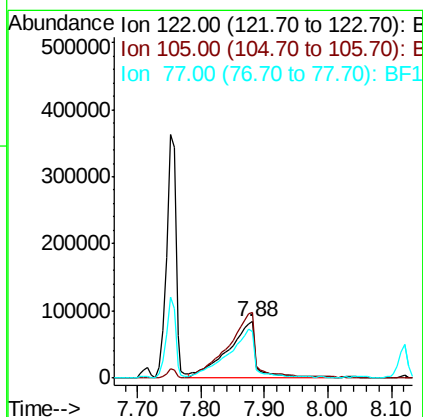
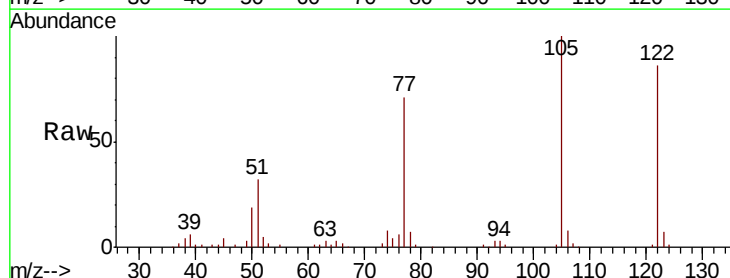
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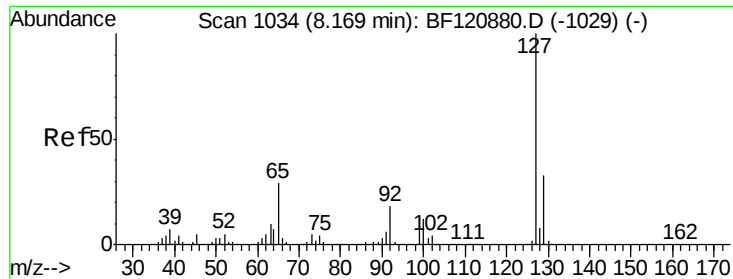
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#32
Benzoic acid
Concen: 39.035 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.6	101.3	141.3
77	82.4	69.1	109.1





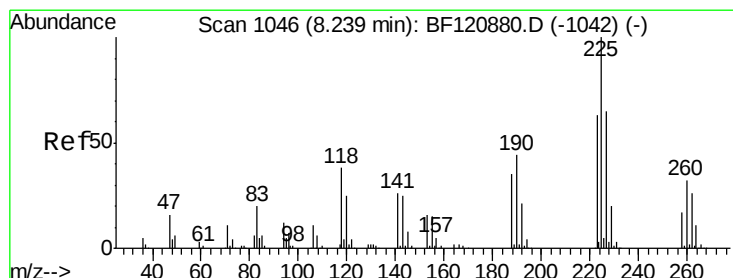
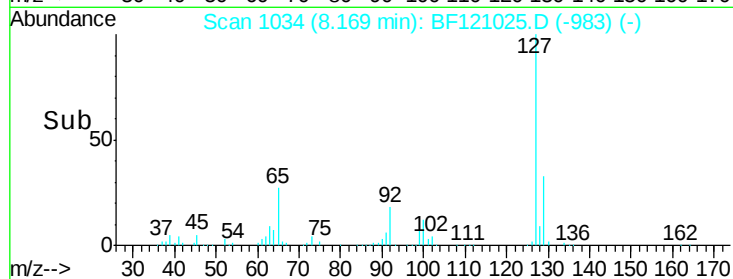
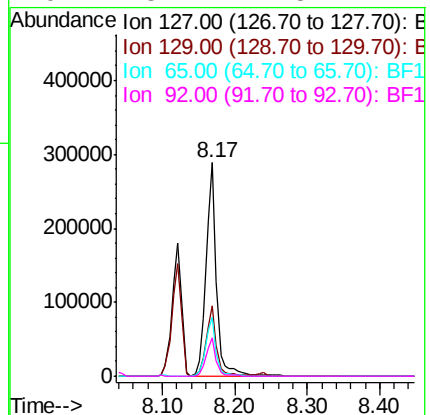
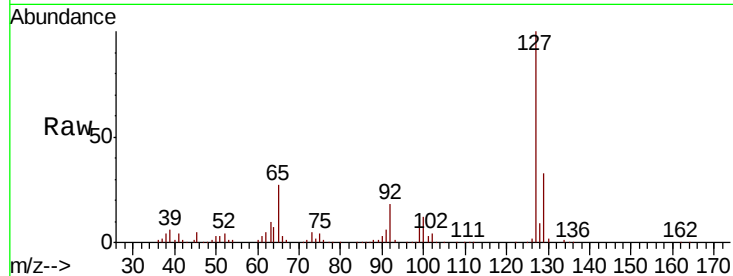
#33
4-Chloroaniline
Concen: 20.833 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.5	39.7	
65	27.4	23.0	34.4	
92	18.1	14.5	21.7	

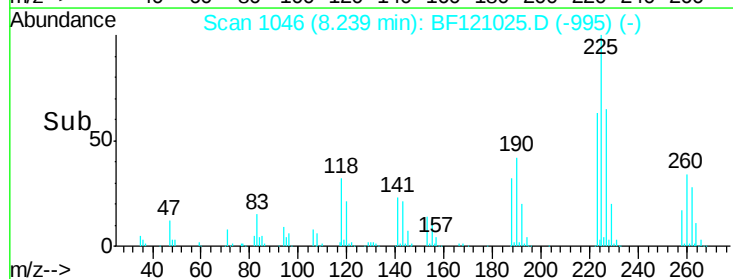
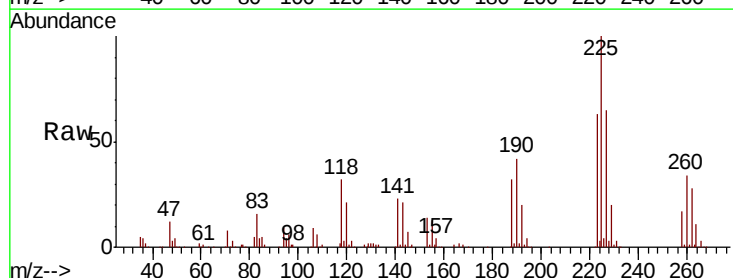
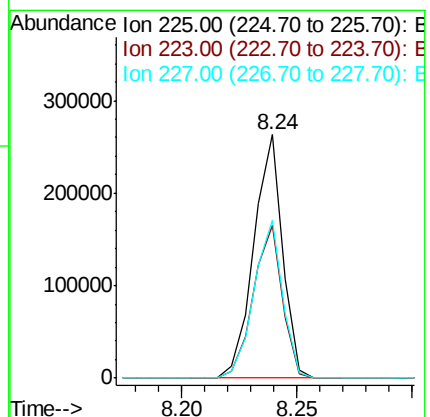
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#34
Hexachlorobutadiene
Concen: 38.938 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	64.6	52.2	78.2	





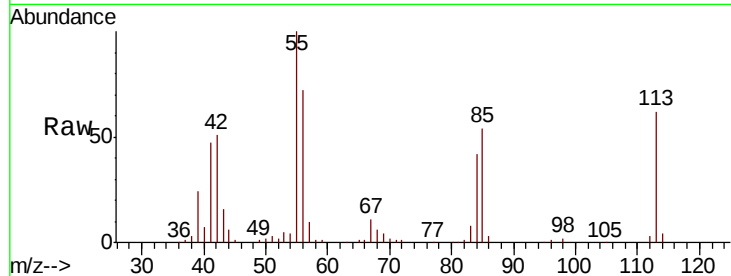
#35
Caprolactam
Concen: 37.377 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

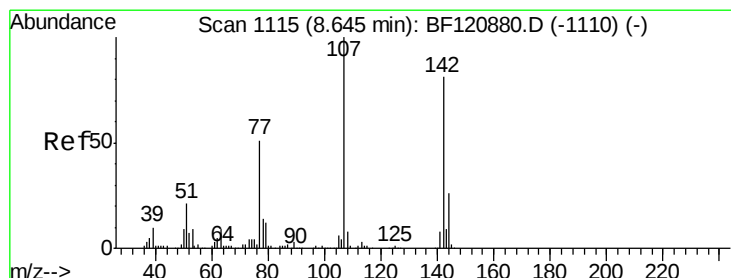
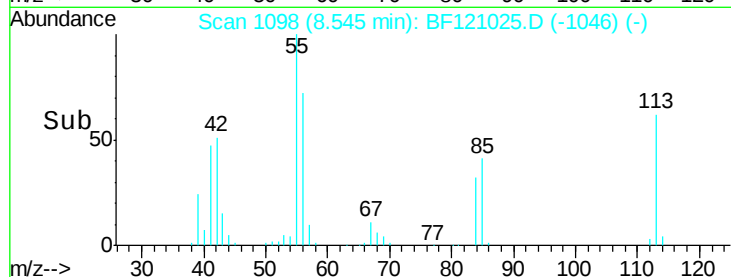
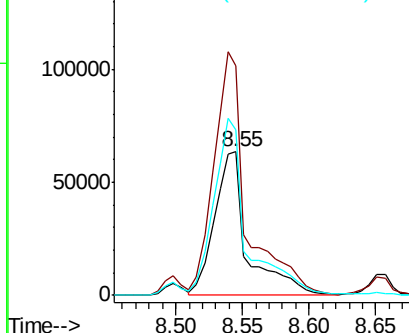
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	160.2	143.3	183.3	
56	115.8	99.4	139.4	

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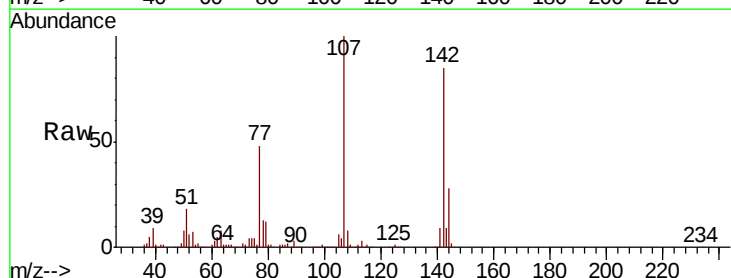


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

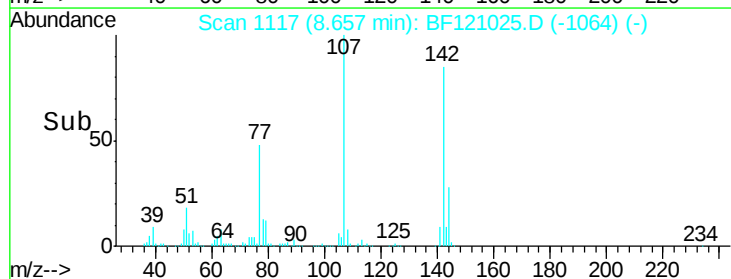
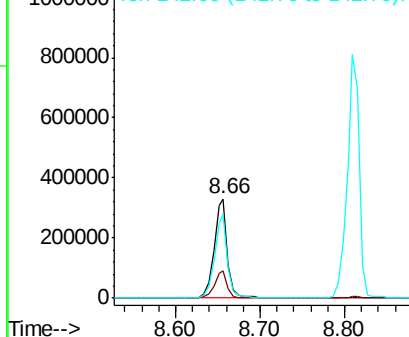


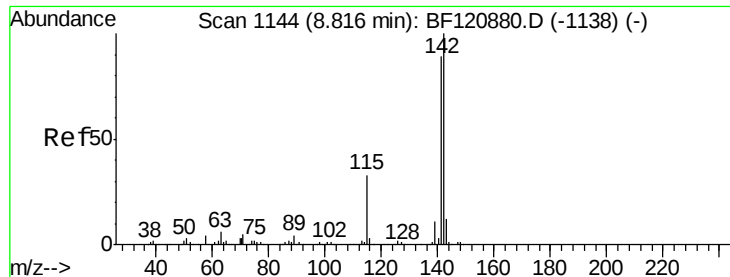
#36
4-Chloro-3-methylphenol
Concen: 39.998 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.9	21.0	31.6	
142	84.9	65.0	97.6	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





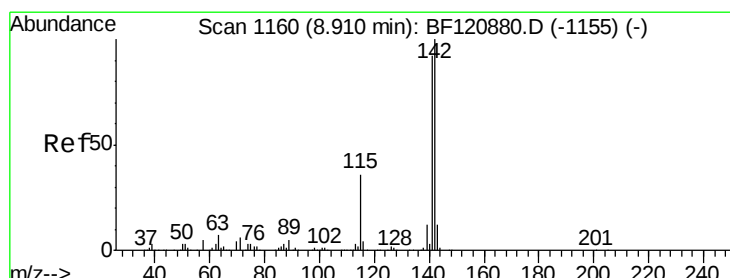
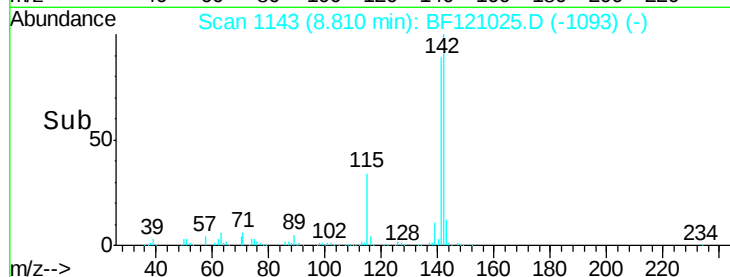
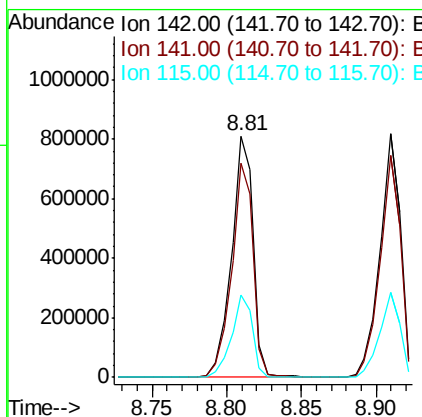
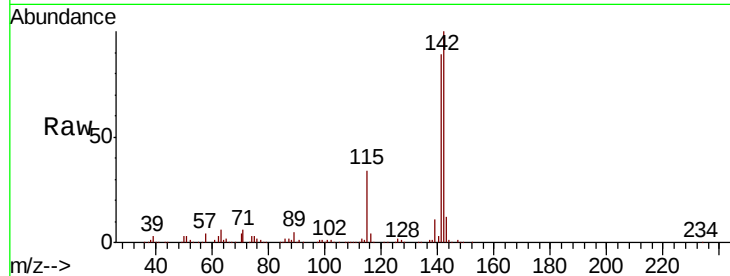
#37
2-Methylnaphthalene
Concen: 40.390 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4
115	34.1	26.0	39.0

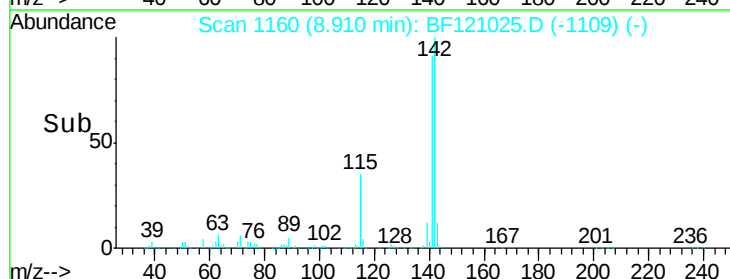
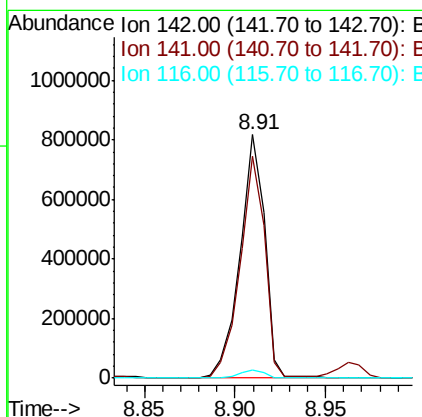
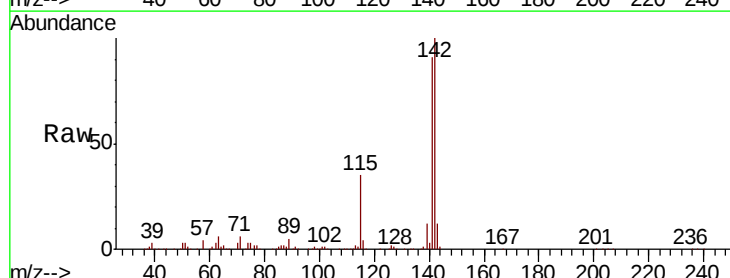
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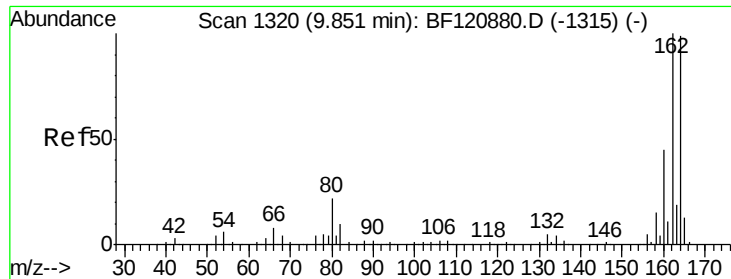
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#38
1-Methylnaphthalene
Concen: 39.767 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.7	110.5
116	3.6	3.0	4.6





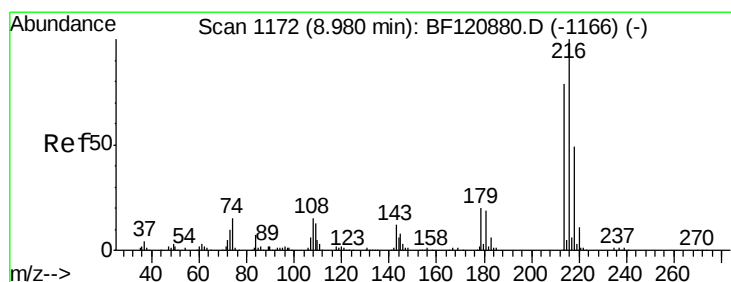
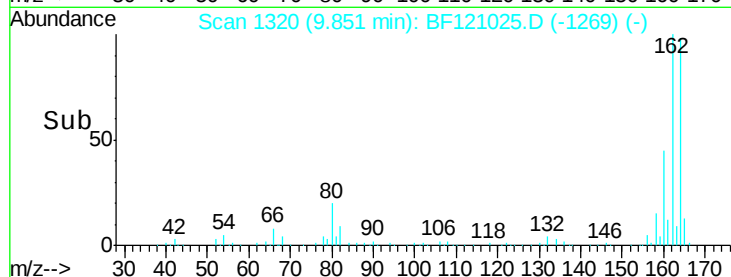
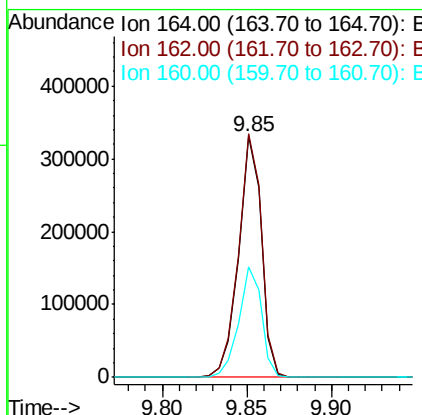
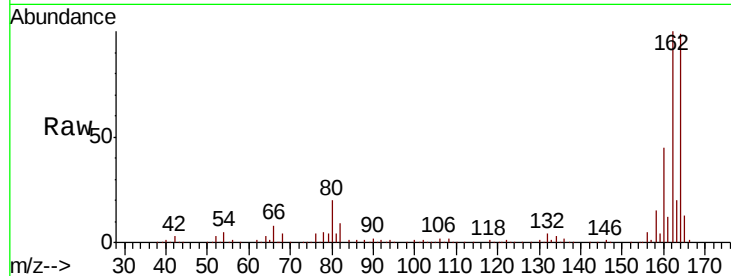
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.2	121.8
160	45.9	36.9	55.3

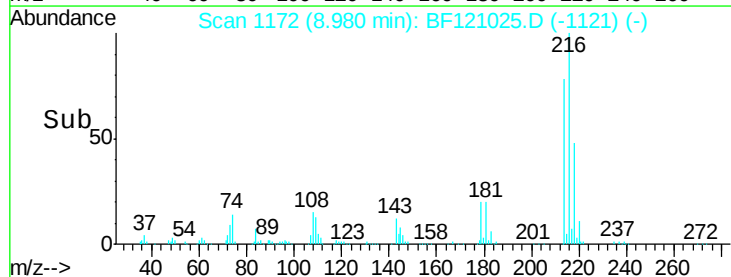
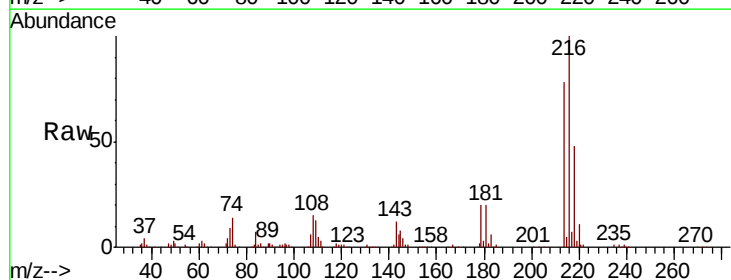
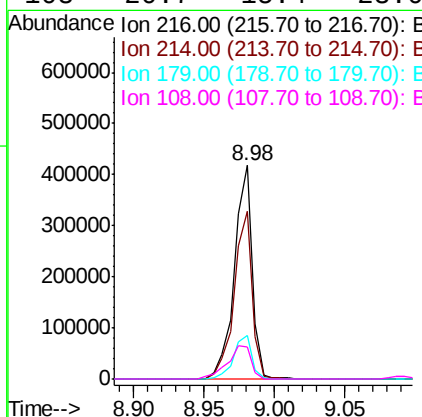
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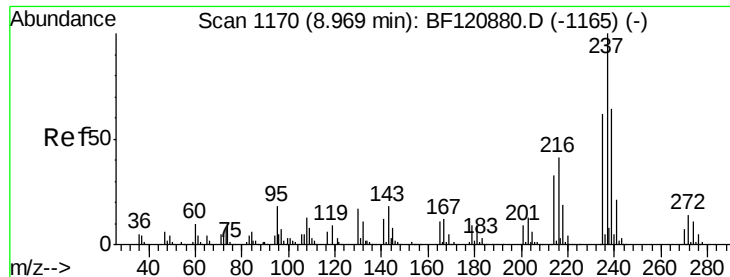
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.580 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	20.8	16.6	24.8
108	20.7	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 84.835 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

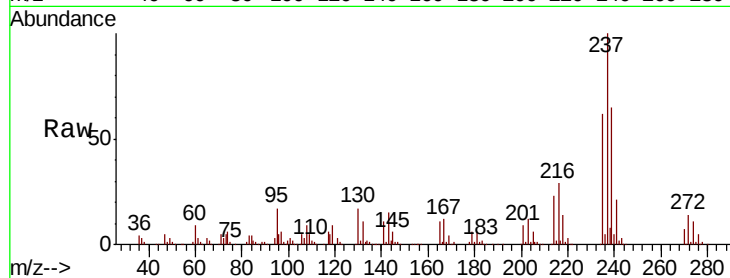
ClientSampleId :

PB130443BS

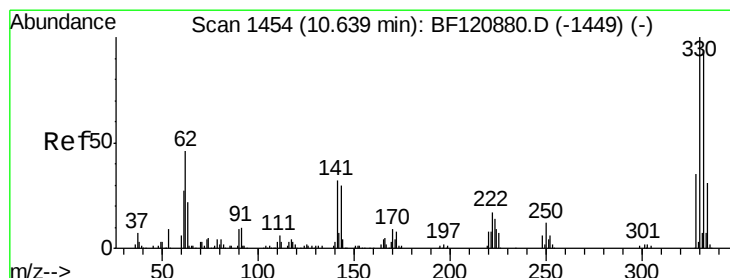
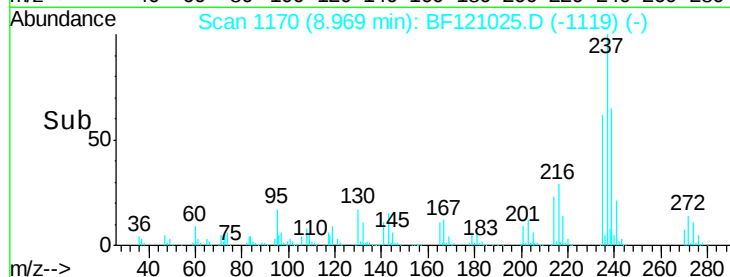
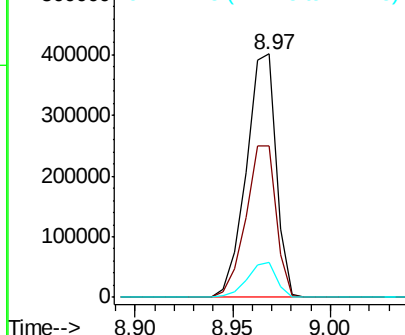
Tot Ion:	237	Resp:	425526
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.6	81.6
272	14.3	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 112.705 ng

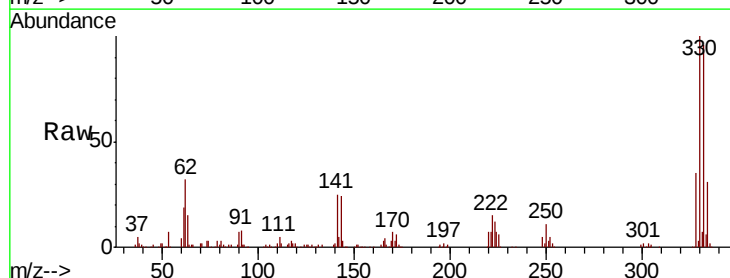
RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

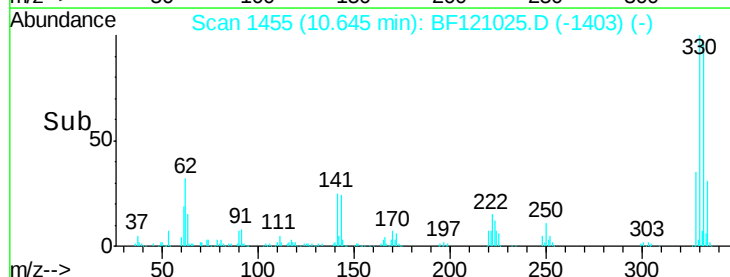
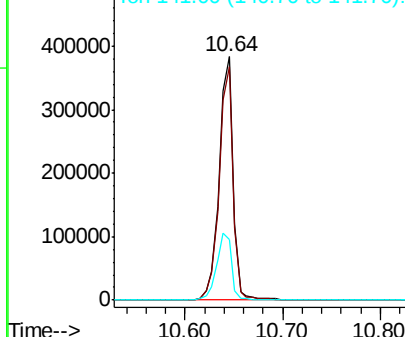
Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	330	Resp:	384285
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.5	113.3
141	29.6	25.7	38.5



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





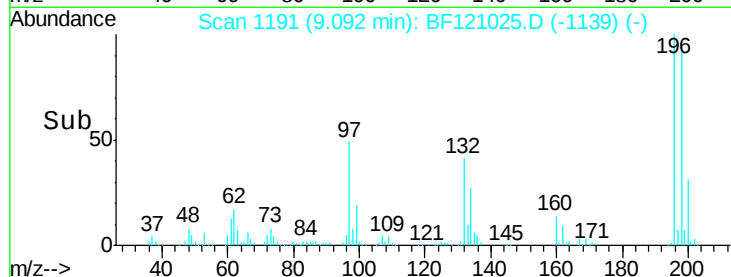
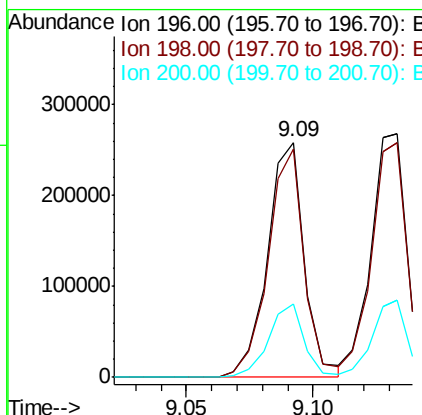
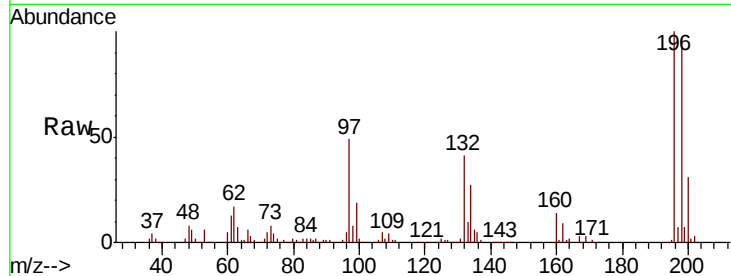
#43
 2,4,6-Trichlorophenol
 Concen: 41.260 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion:	196	Resp:	263653
Ion Ratio	Lower	Upper	
196	100		
198	97.3	75.7	113.5
200	31.1	24.4	36.6

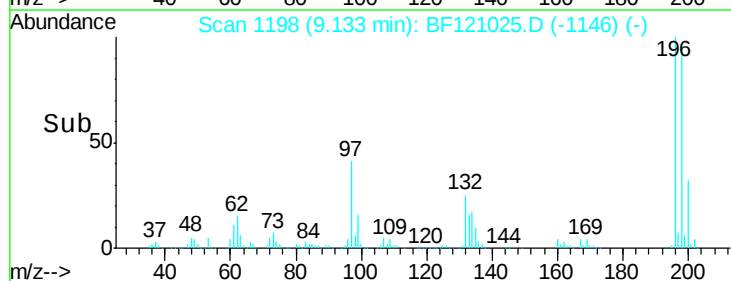
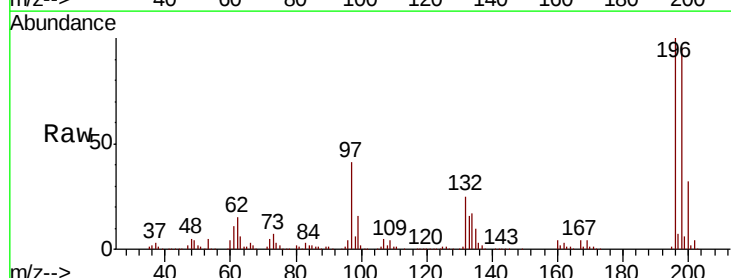
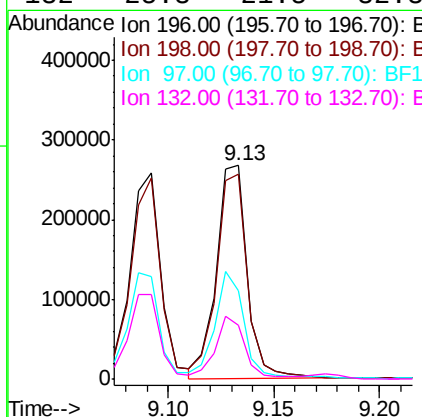
Manual Integrations
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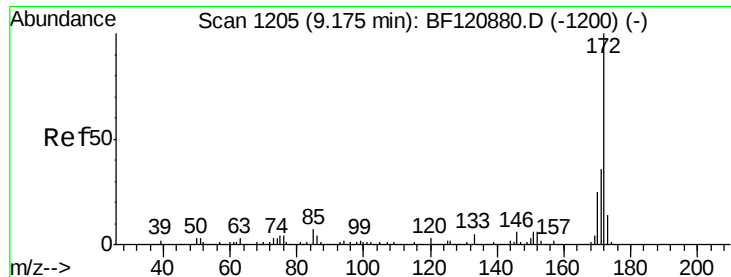
mohammad
 7/28/2020 11:43:10 AM



#44
 2,4,5-Trichlorophenol
 Concen: 37.373 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion:	196	Resp:	270901
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.6	116.4
97	41.2	35.6	53.4
132	25.3	21.5	32.3





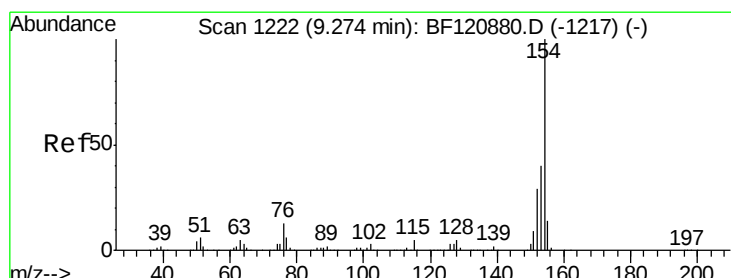
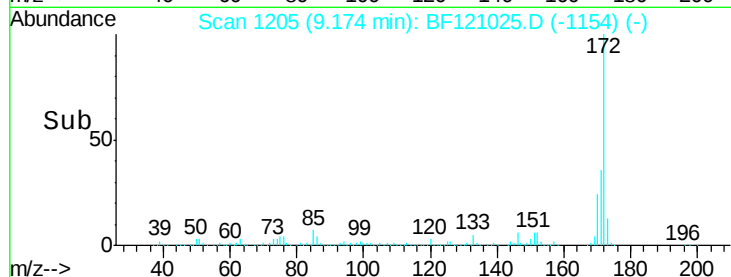
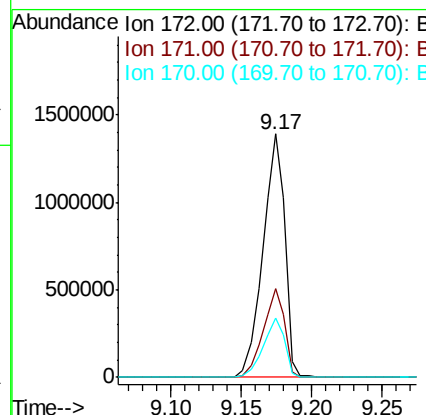
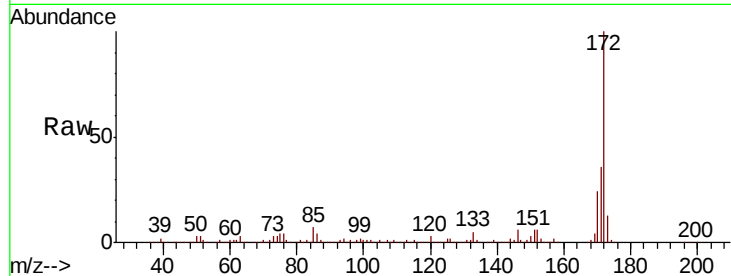
#45
2-Fluorobiphenyl
Concen: 73.190 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.2	19.6	29.4

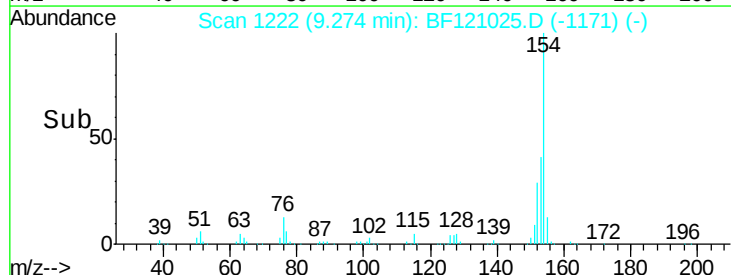
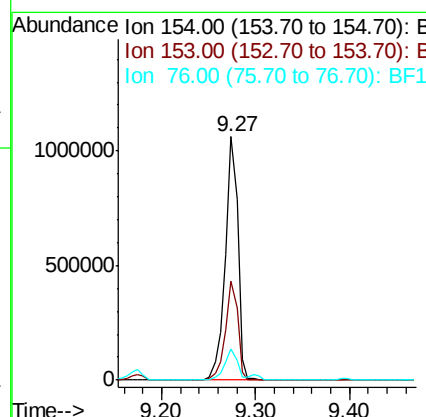
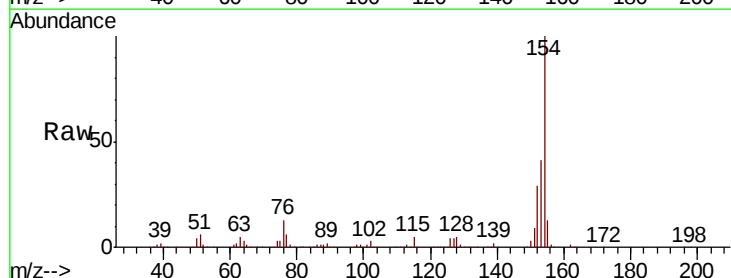
Manual Integrations
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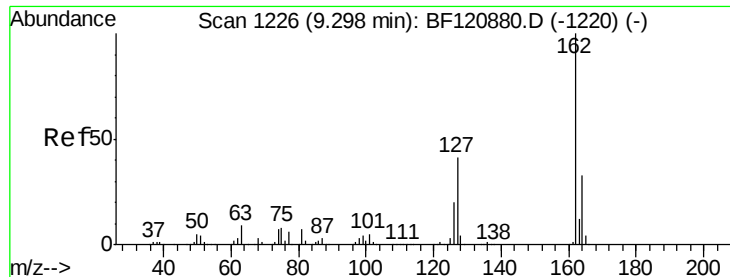
mohammad
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#46
1,1'-Biphenyl
Concen: 41.991 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	12.7	0.0	33.1





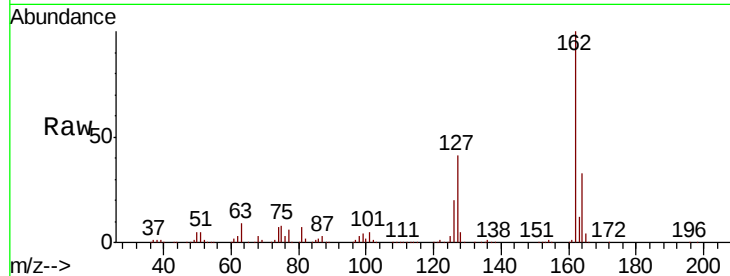
#47
2-Chloronaphthalene
Concen: 39.721 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	769486		
127	40.7		33.3	49.9
164	32.9		26.6	39.8

Manual Integrations
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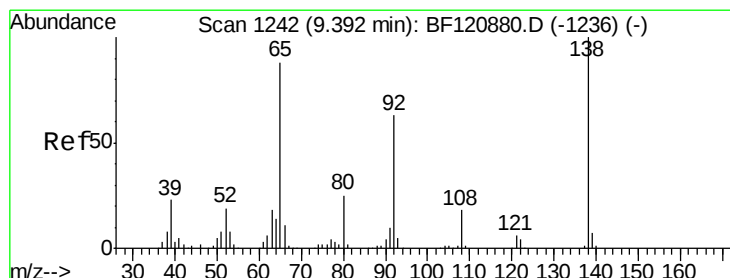
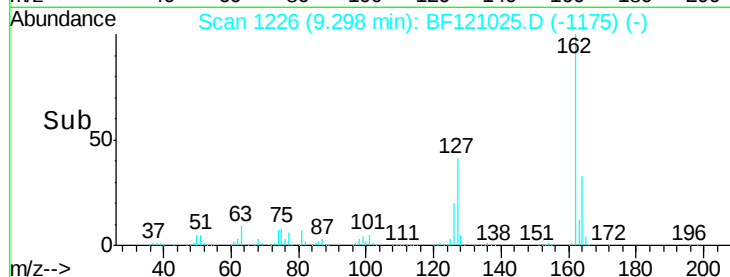
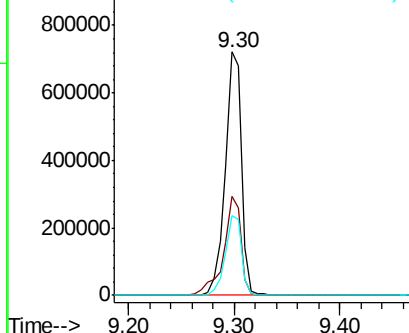


Abundance

Ion 162.00 (161.70 to 162.70): E

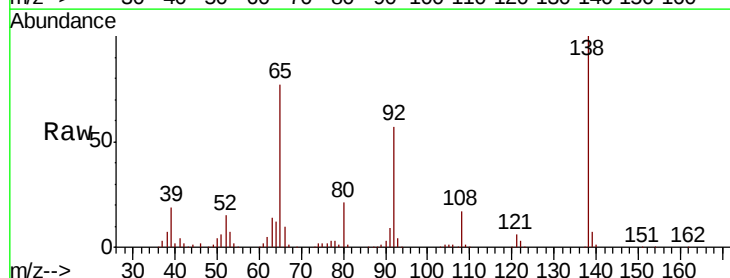
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.877 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	227604		
92	74.2		57.0	85.4
138	130.0		90.4	135.6

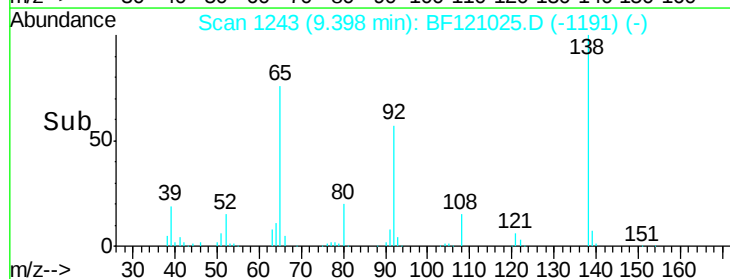
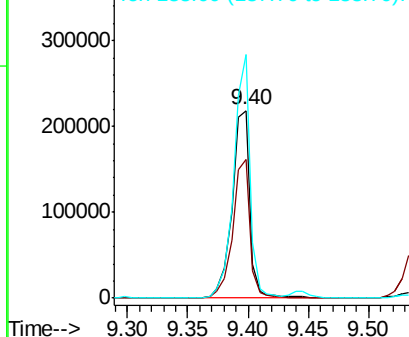


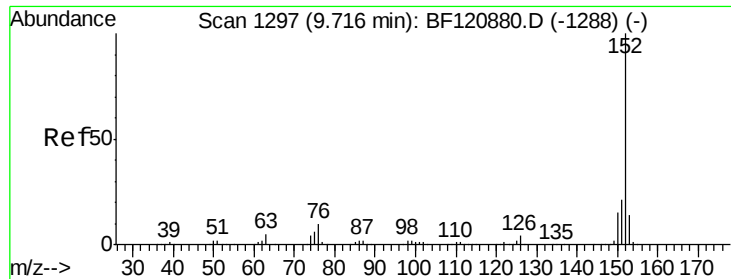
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





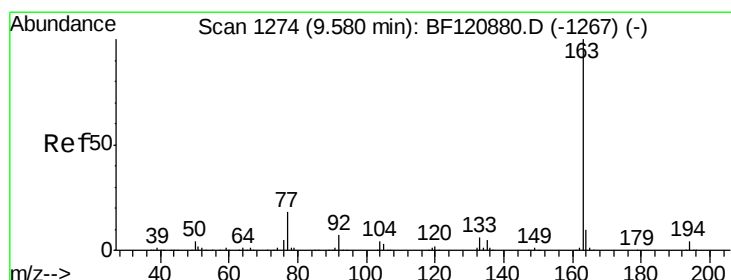
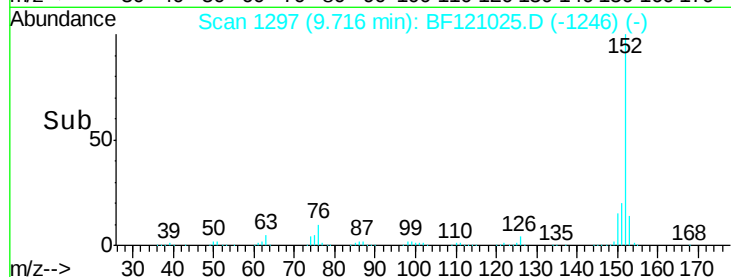
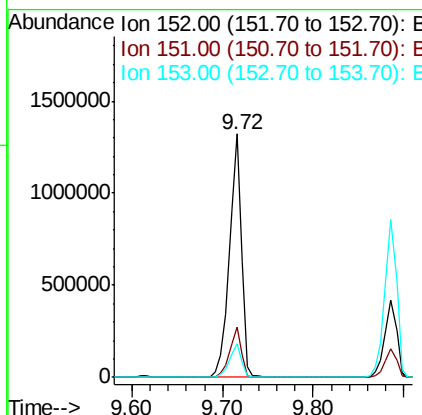
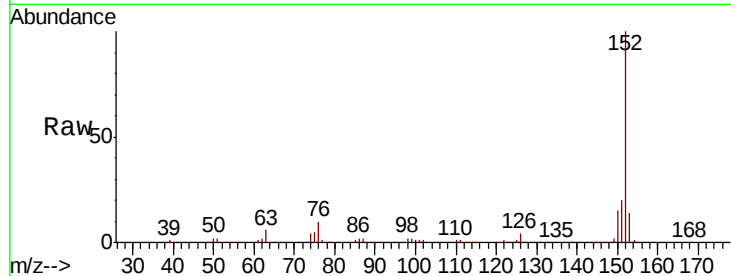
#49
Acenaphthylene
Concen: 40.487 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.6	10.9	16.3

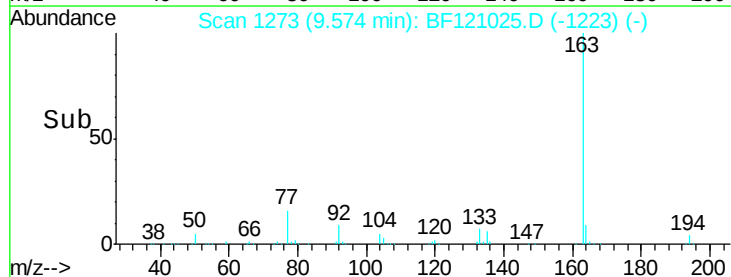
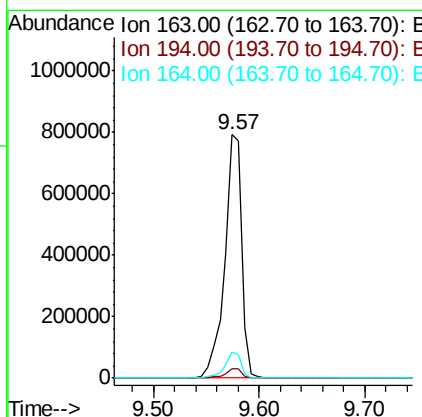
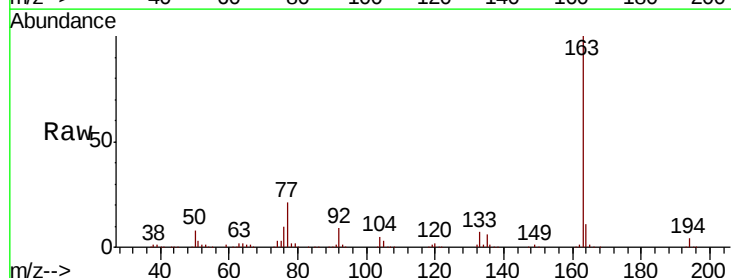
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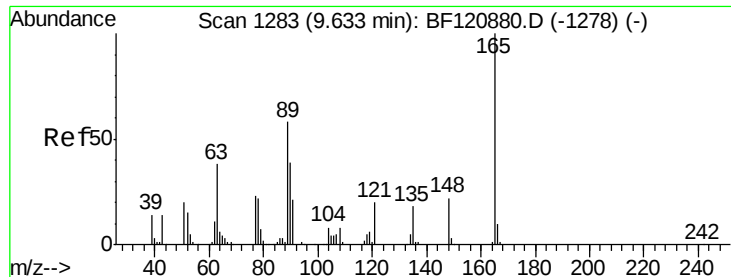
mohammad
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#50
Dimethylphthalate
Concen: 39.048 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.5	7.9	11.9





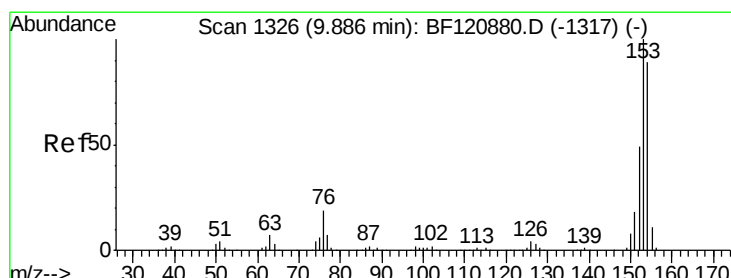
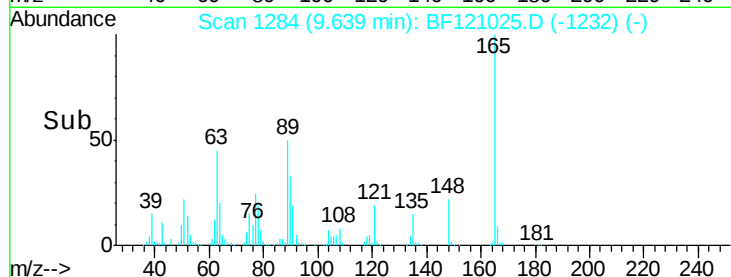
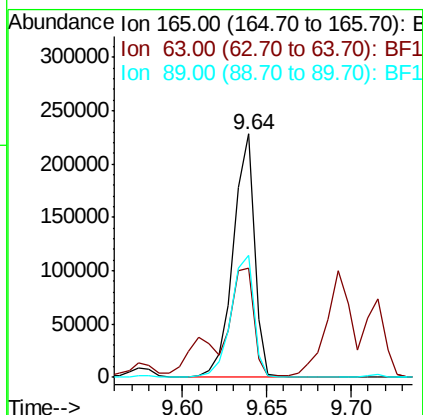
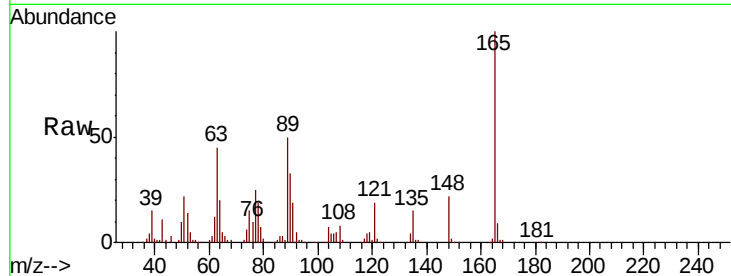
#51
2,6-Dinitrotoluene
Concen: 41.191 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198869		
63	45.1		45.4	68.2#
89	49.9		47.0	70.4

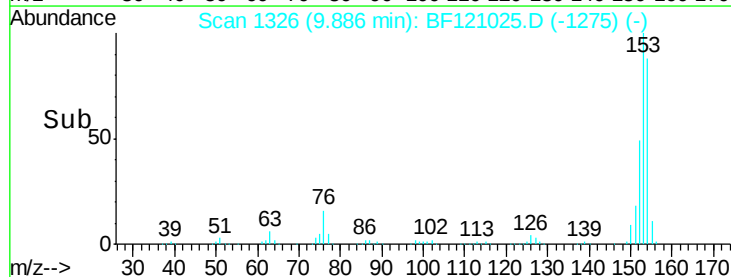
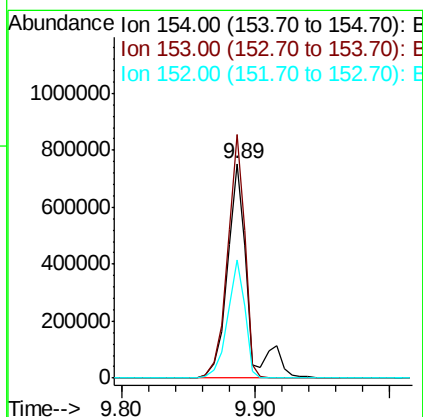
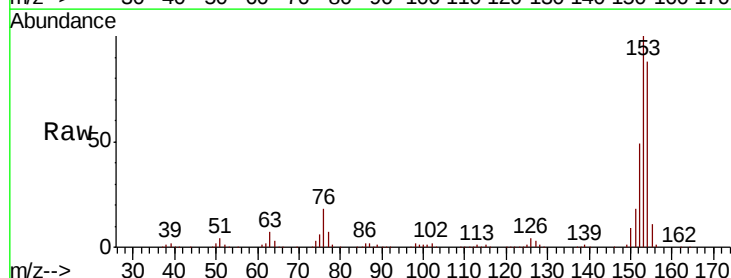
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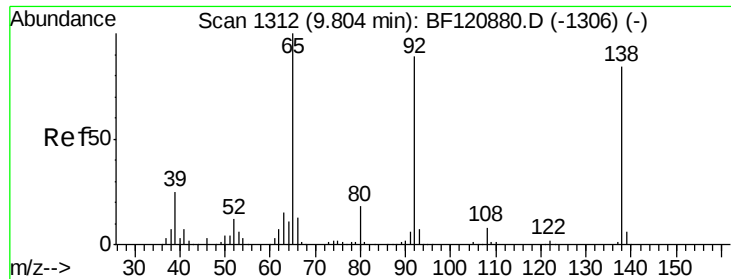
mohammad
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#52
Acenaphthene
Concen: 42.017 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	803947		
153	113.4		89.5	134.3
152	55.3		44.2	66.2





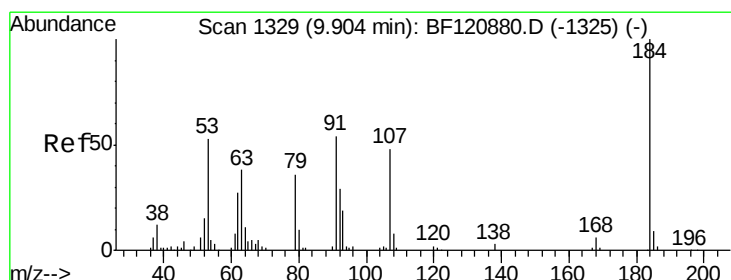
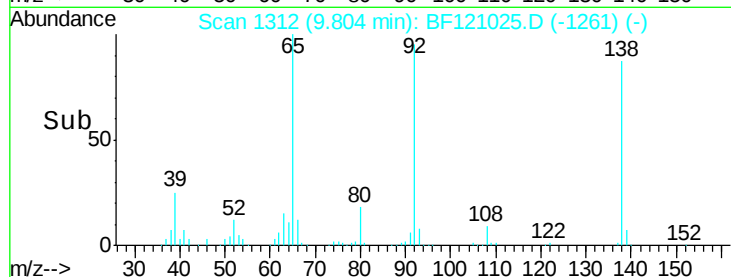
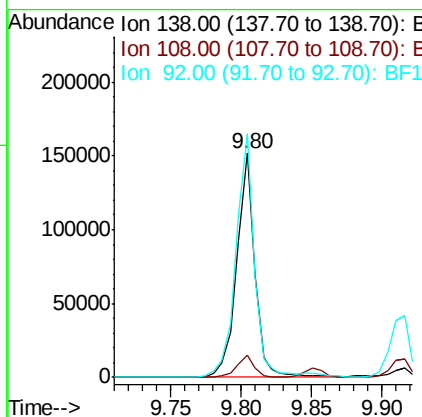
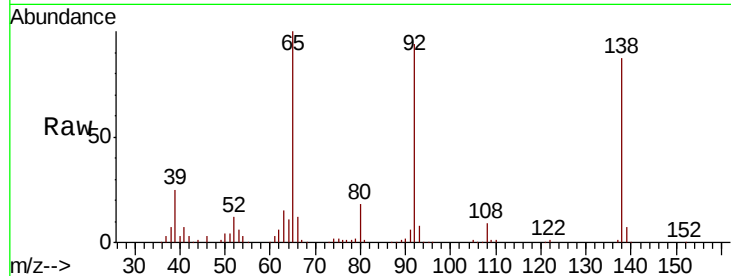
#53
3-Nitroaniline
Concen: 22.641 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	108.8	85.3	127.9

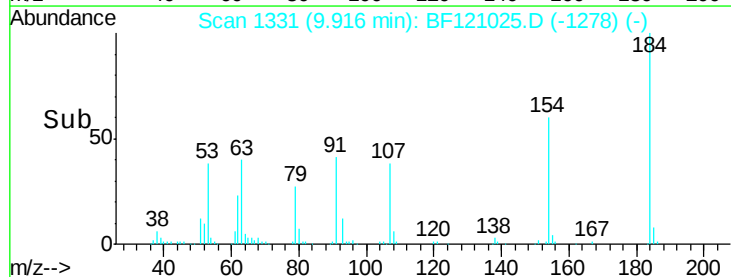
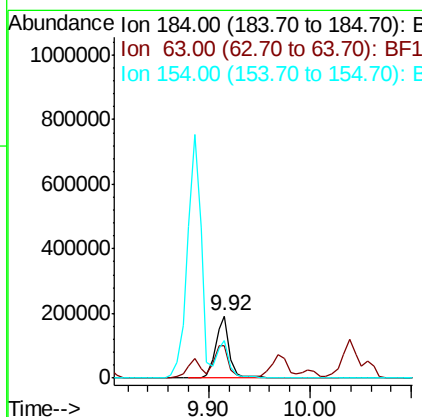
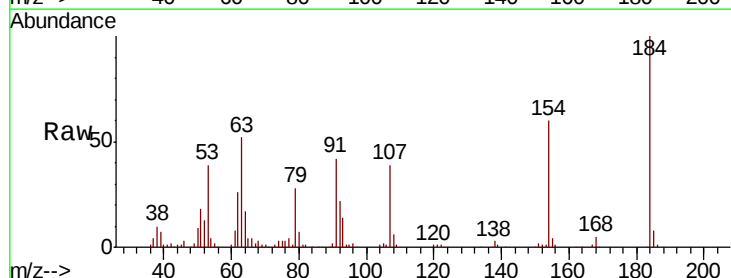
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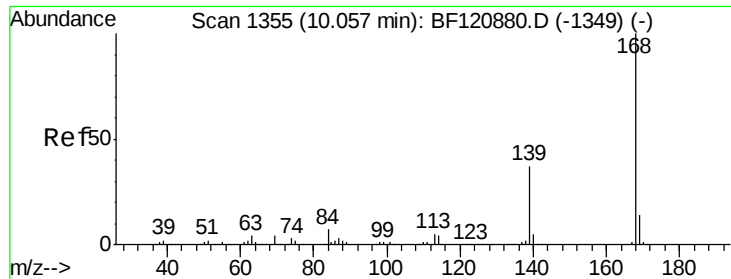
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.184 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.3	57.9	86.9#
154	59.9	52.6	78.8





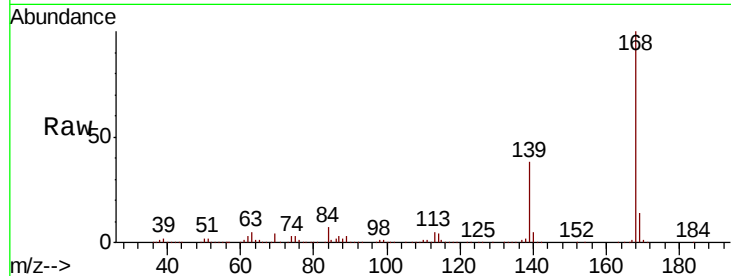
#55
Dibenzenofuran
Concen: 38.772 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	29.7	44.5
169	13.8	11.1	16.7

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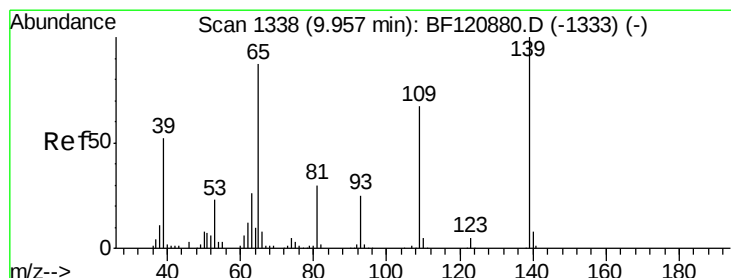
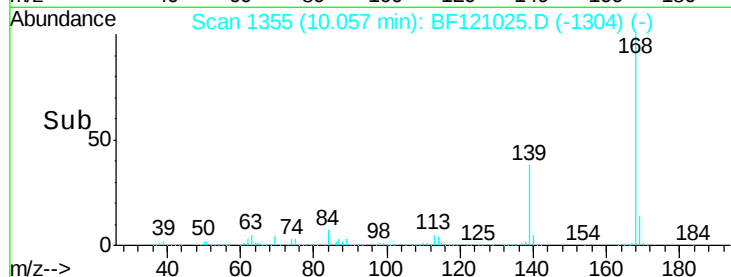
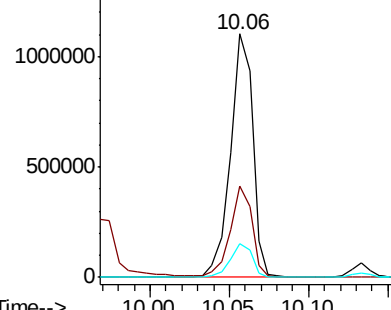


Abundance

Ion 168.00 (167.70 to 168.70): E

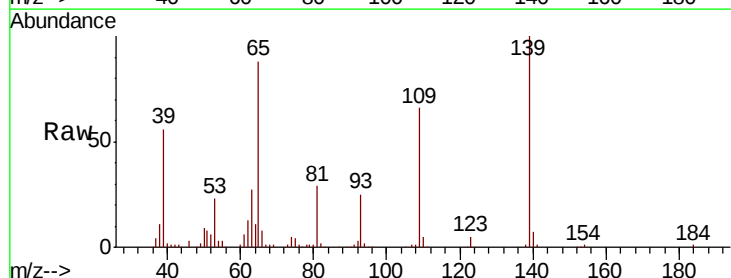
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 71.516 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	47.3	87.3
65	88.3	67.2	107.2

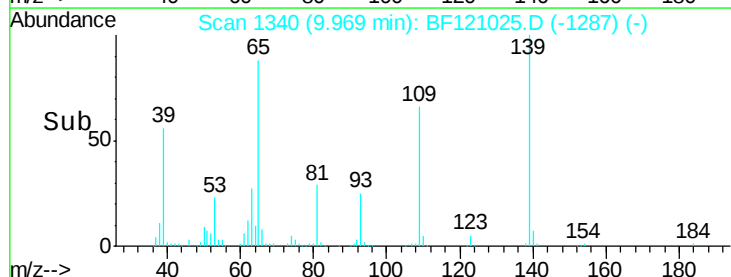
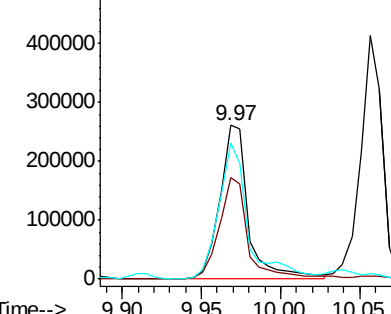


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





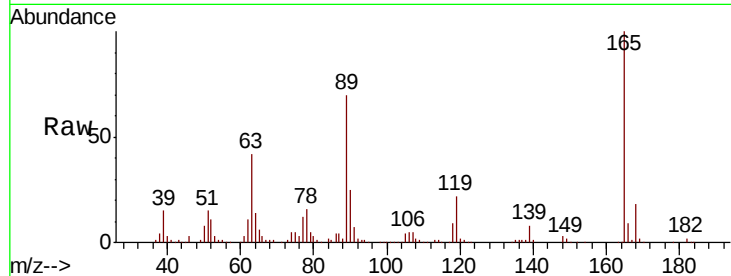
#57
2,4-Dinitrotoluene
Concen: 41.877 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

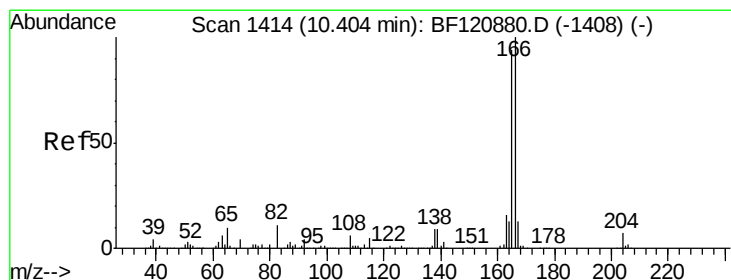
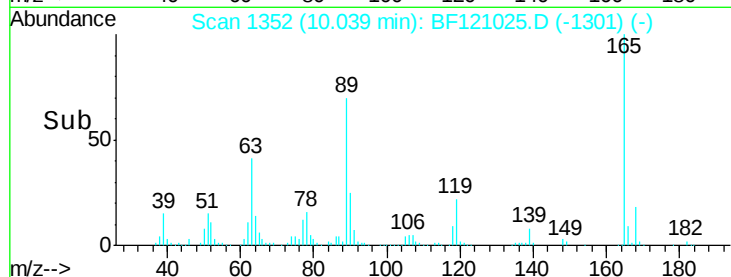
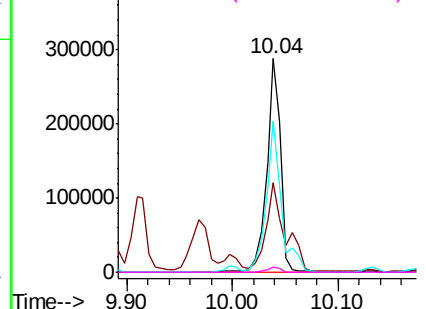
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		265511		
63	41.7	29.4	44.2		
89	70.5	53.4	80.0		
182	2.4	1.8	2.6		

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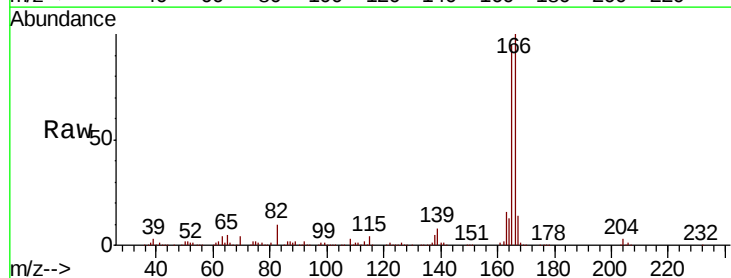


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

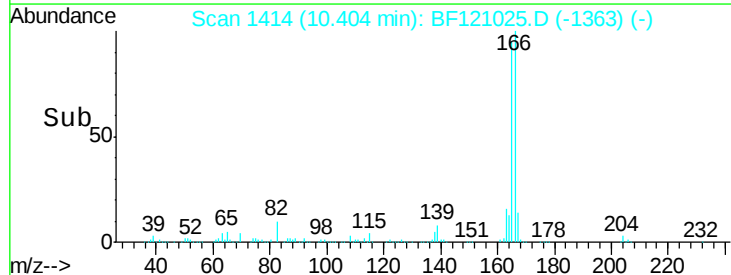
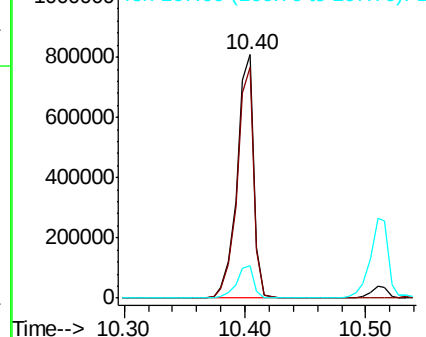


#58
Fluorene
Concen: 37.661 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		777194		
165	94.7	75.4	113.0		
167	13.5	10.6	15.8		



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





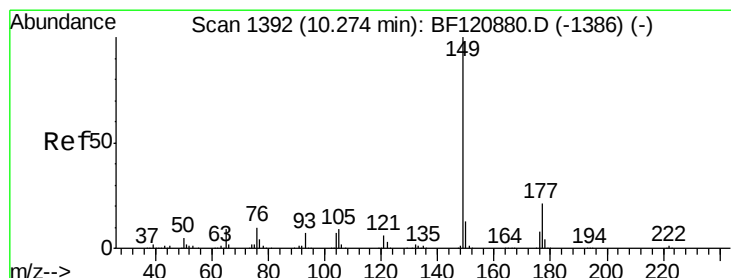
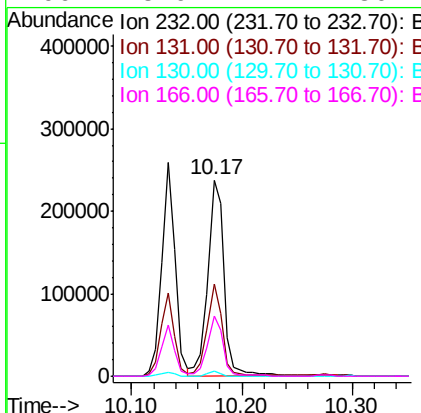
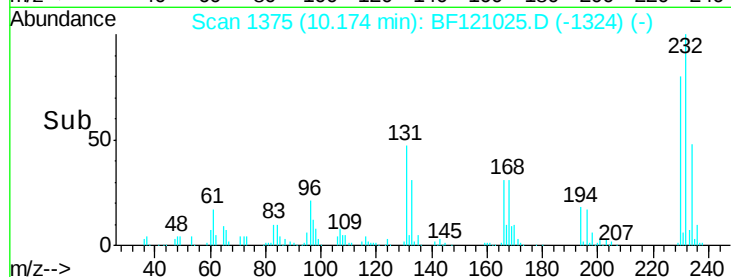
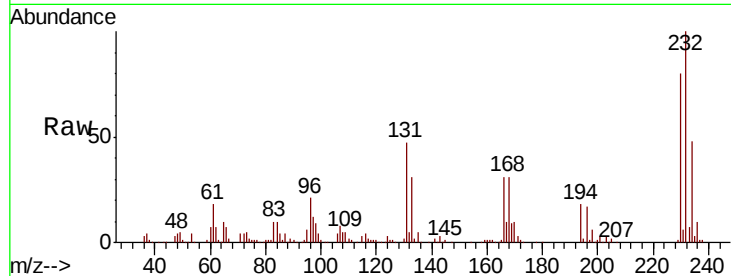
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.779 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	236090		
131	44.4		37.1	55.7
130	2.0		1.7	2.5
166	28.9		24.2	36.4

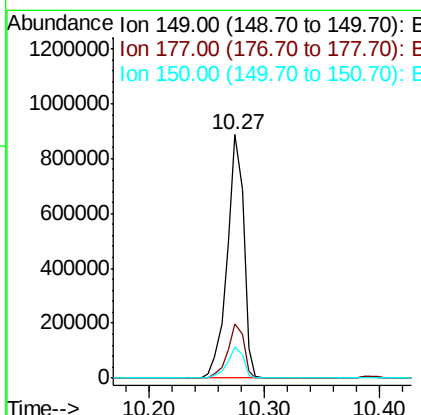
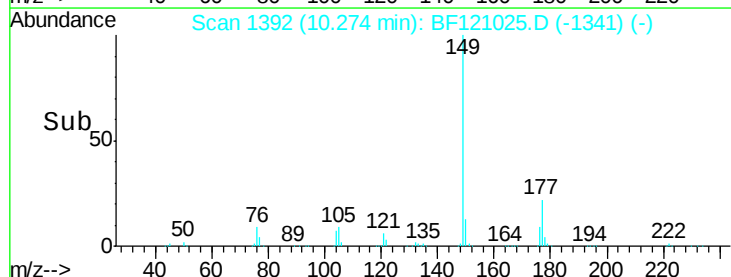
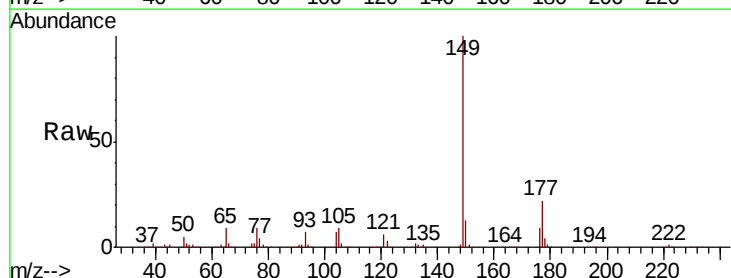
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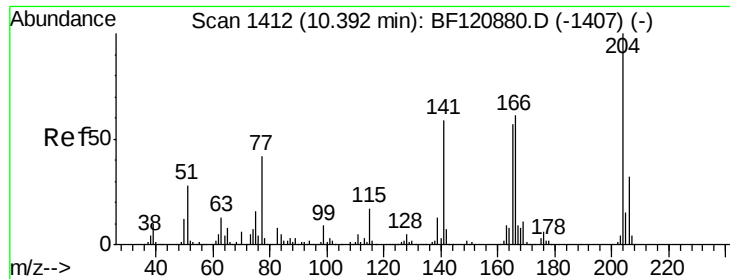
mohammad
7/28/2020 11:43:10 AM



#60
Diethylphthalate
Concen: 38.587 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	877103		
177	22.0		17.1	25.7
150	12.8		10.3	15.5





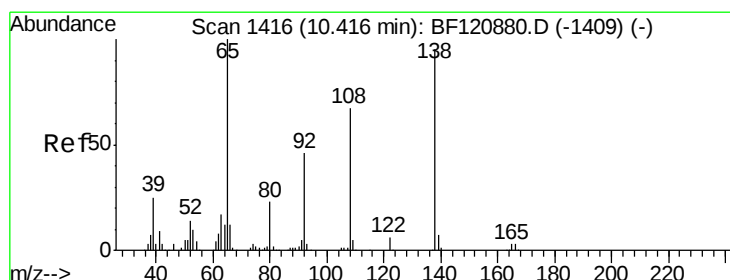
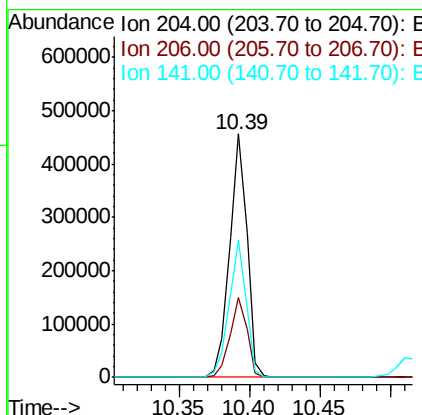
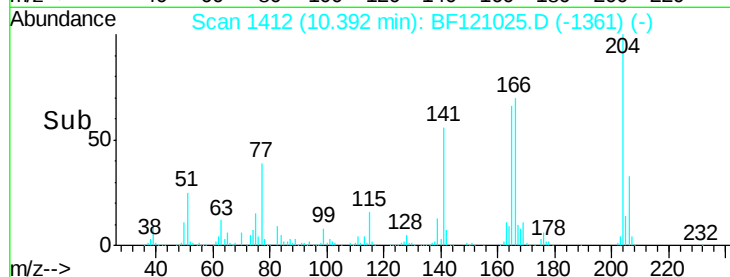
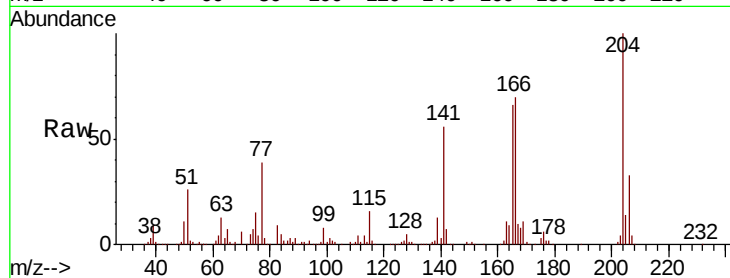
#61
4-Chlorophenyl-phenylether
Concen: 35.648 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	56.4	47.2	70.8

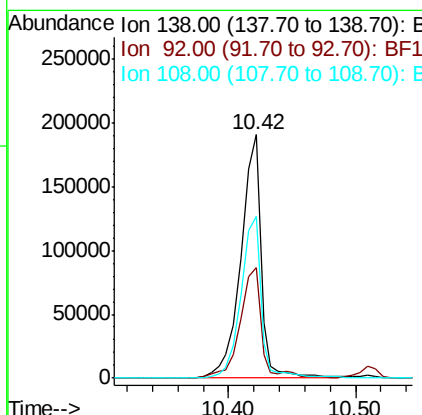
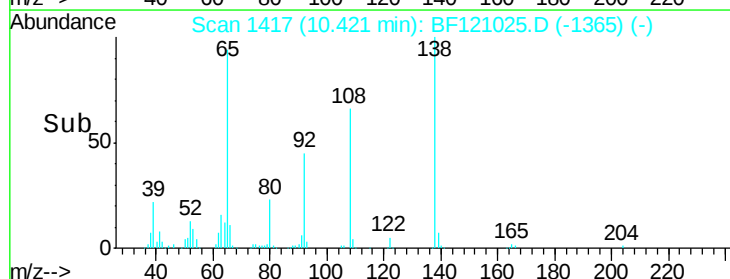
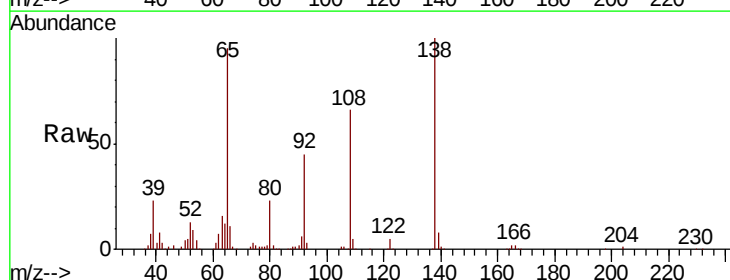
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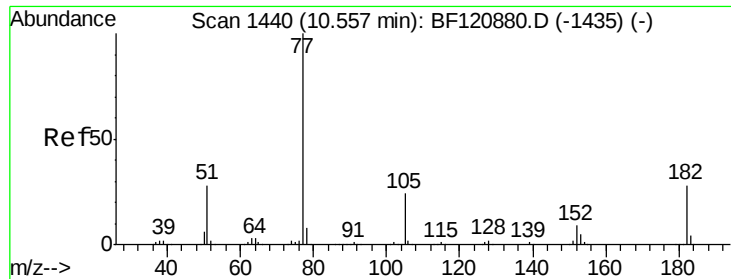
mohammad
7/28/2020 11:43:10 AM



#62
4-Nitroaniline
Concen: 35.924 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	28.6	68.6
108	66.3	51.1	91.1





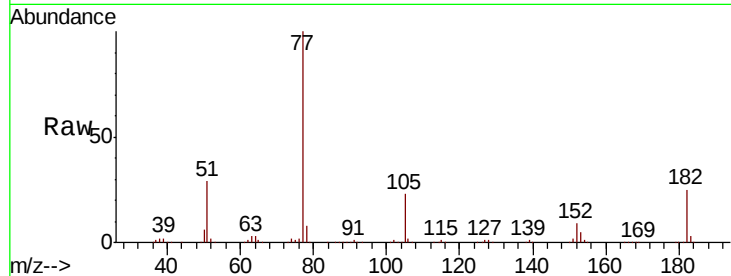
#63
Azobenzene
Concen: 38.100 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

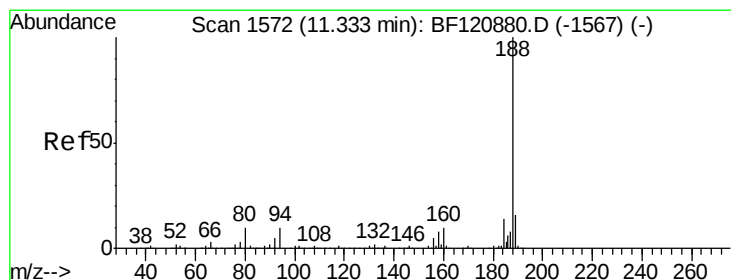
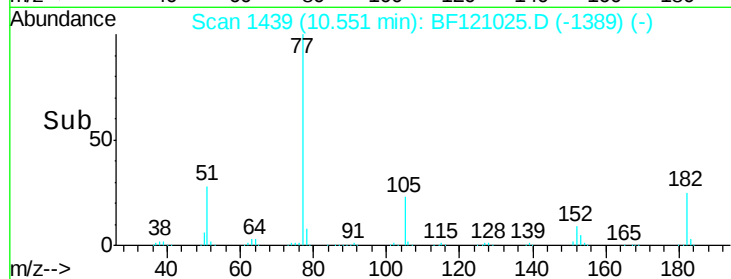
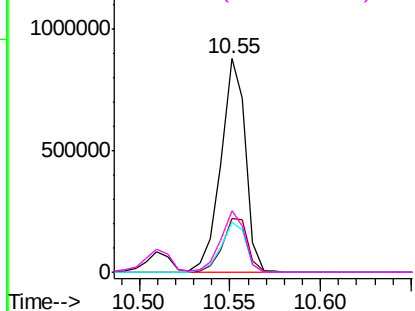
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.1	7.8	47.8		
105	23.4	4.4	44.4		
51	28.5	8.0	48.0		

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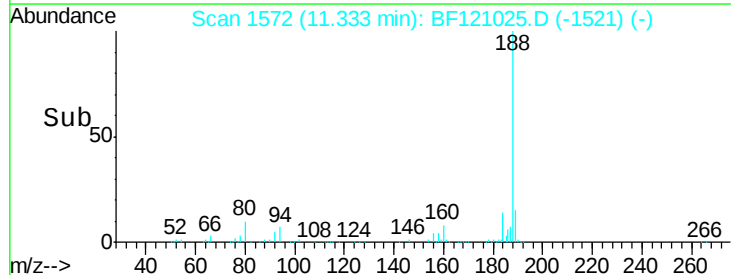
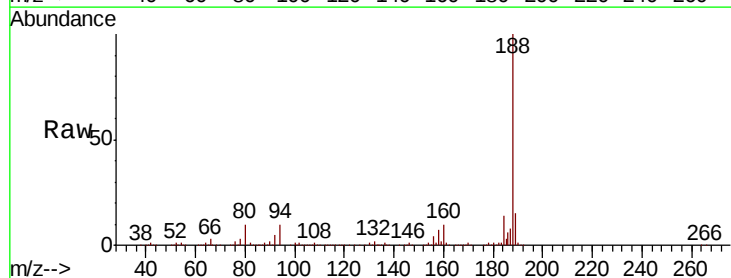
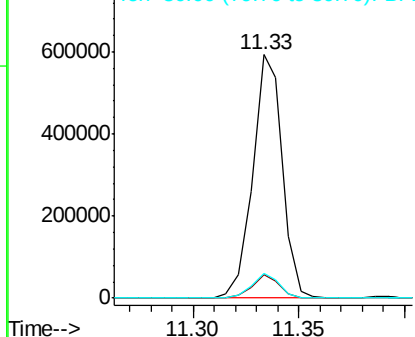
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

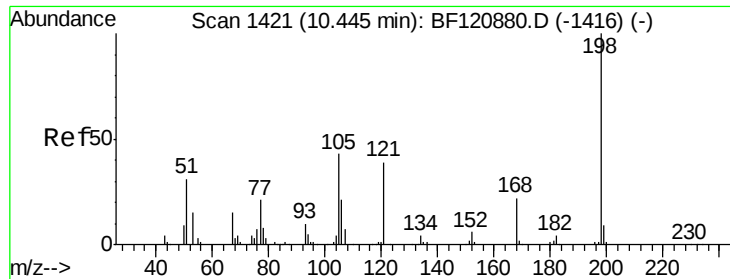


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	8.0	12.0		
80	10.1	8.3	12.5		

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





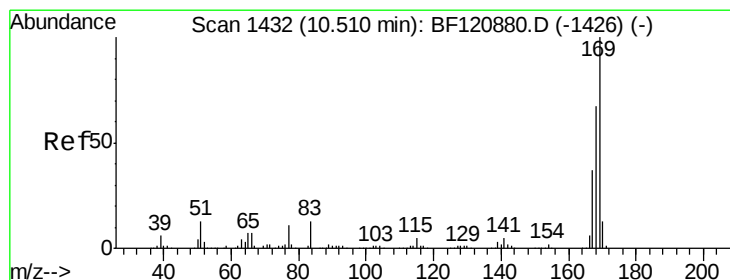
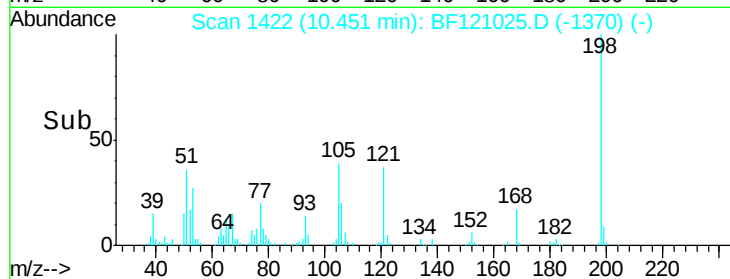
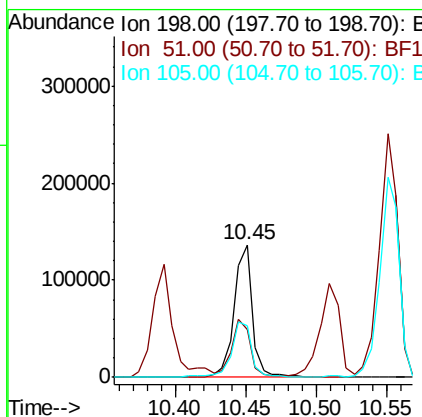
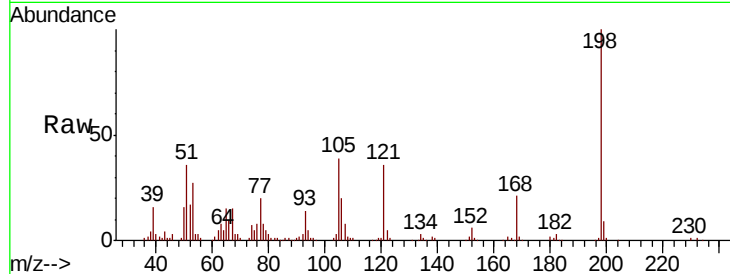
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.938 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.8	19.5	59.5
105	38.7	24.4	64.4

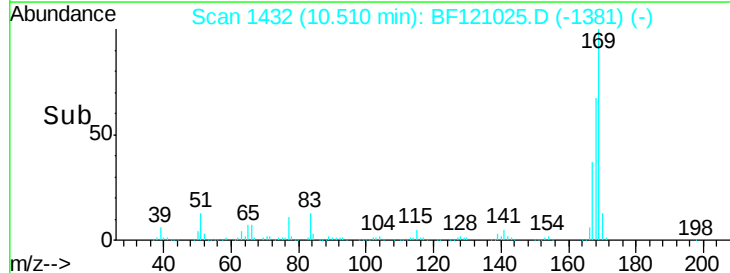
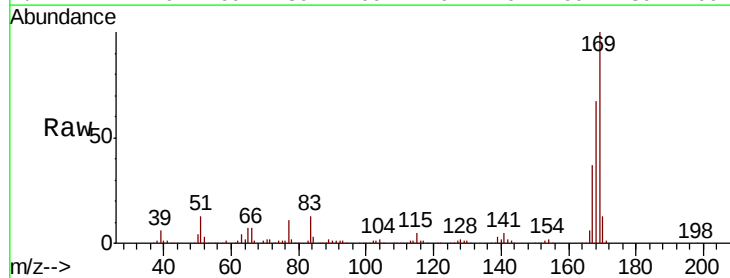
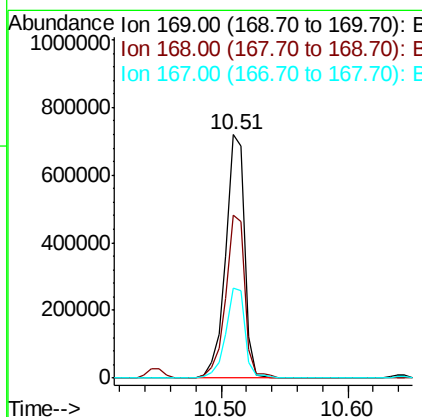
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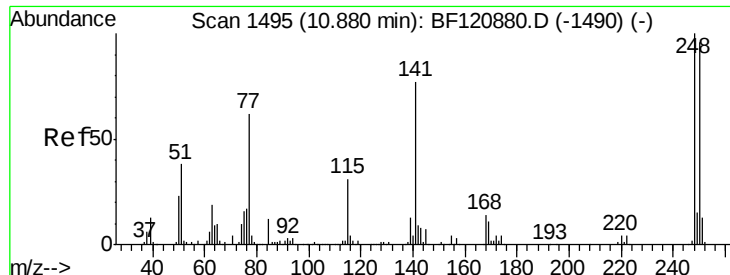
mohammad
 7/28/2020 11:43:10 AM



#66
 n-Nitrosodiphenylamine
 Concen: 40.862 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.8	29.4	44.0





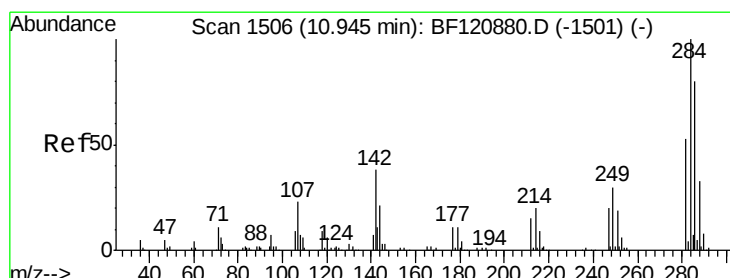
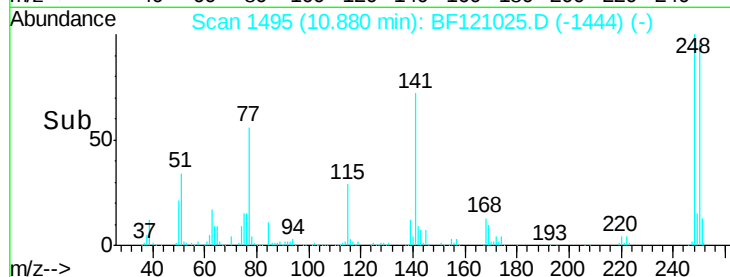
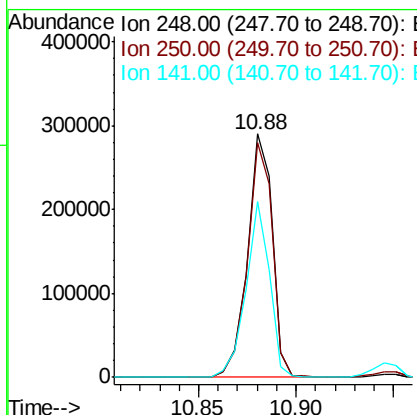
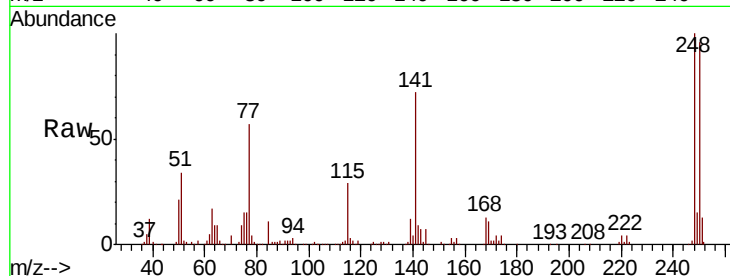
#67
 4-Bromophenyl-phenylether
 Concen: 39.890 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion:	248	Resp:	256545
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.1	115.7
141	72.0	61.2	91.8

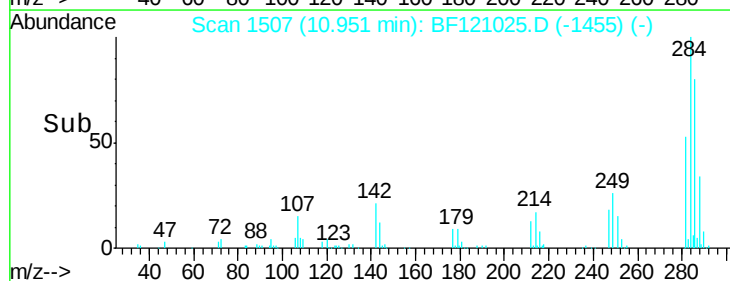
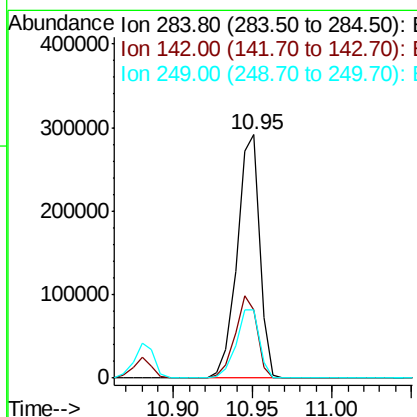
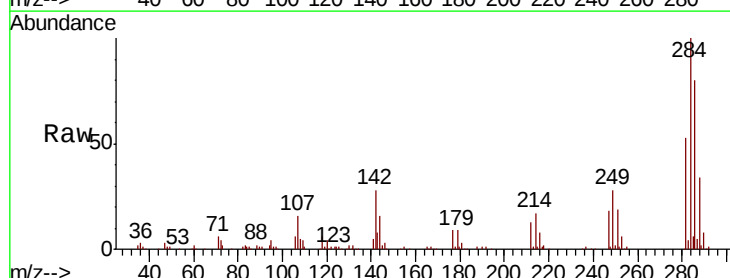
Manual Integrations
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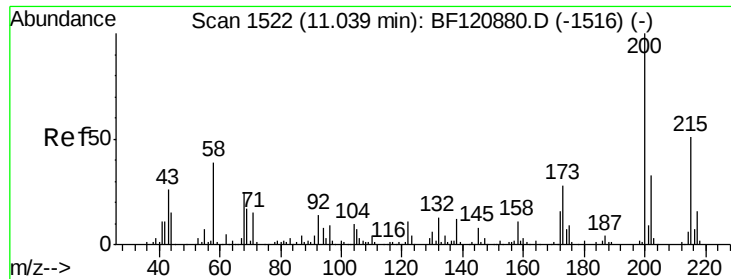
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.263 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion:	284	Resp:	287071
Ion Ratio	Lower	Upper	
284	100		
142	27.9	30.2	45.2#
249	28.2	24.2	36.2





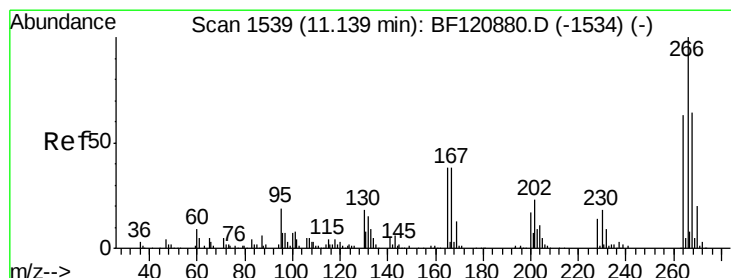
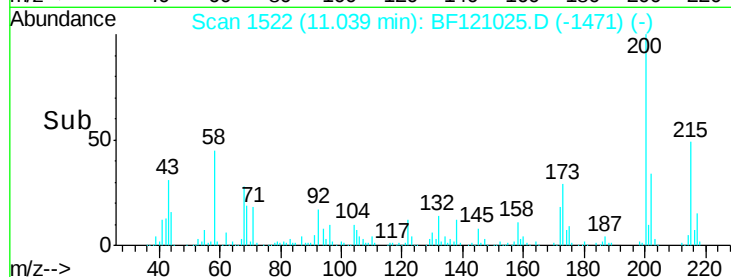
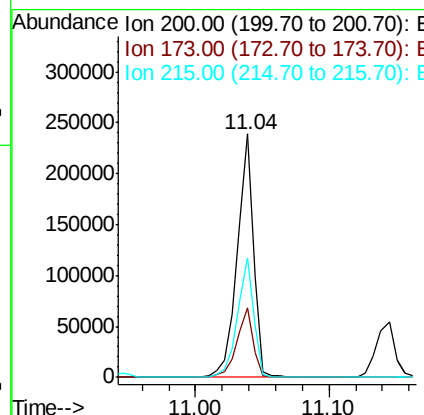
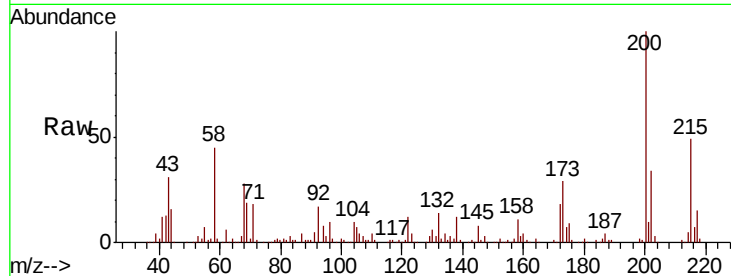
#69
 Atrazine
 Concen: 46.313 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	8.0	48.0
215	49.3	31.5	71.5

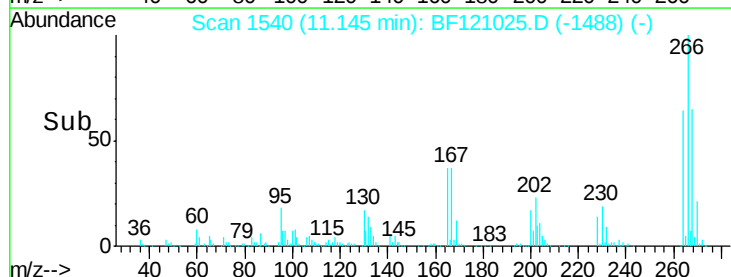
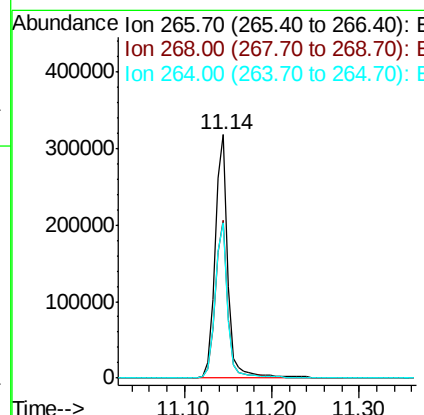
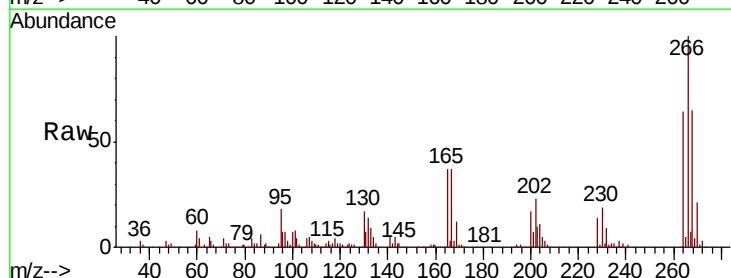
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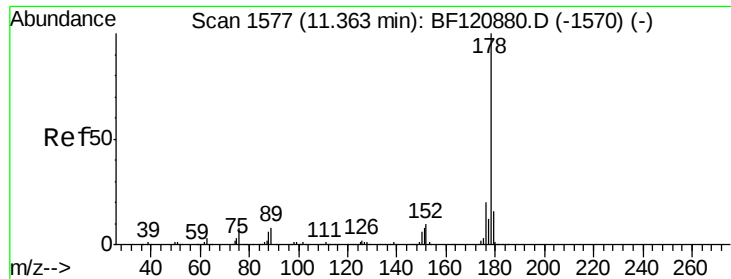
mohammad
 7/28/2020 11:43:10 AM



#70
 Pentachlorophenol
 Concen: 81.140 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	63.6	50.2	75.2





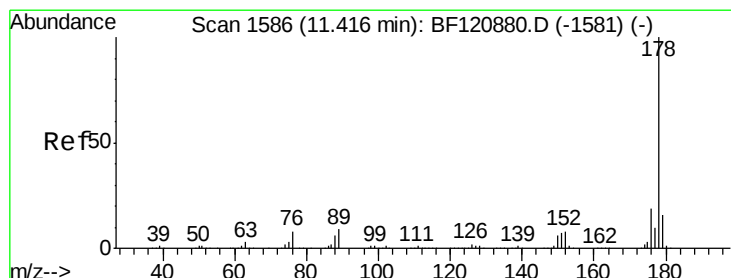
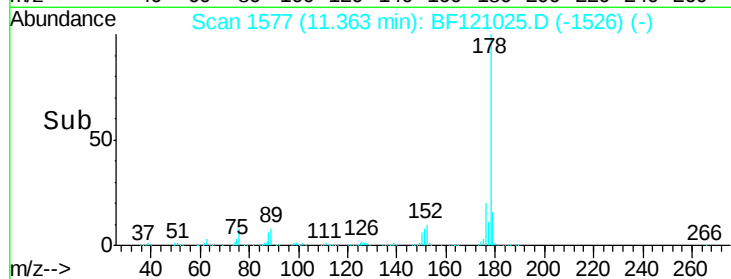
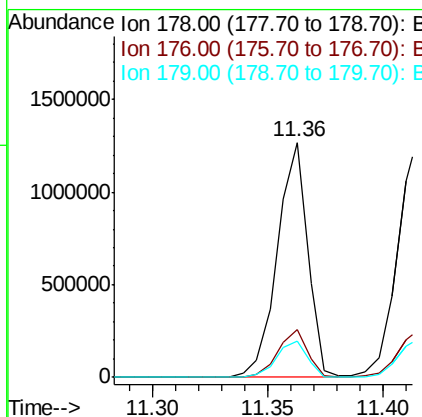
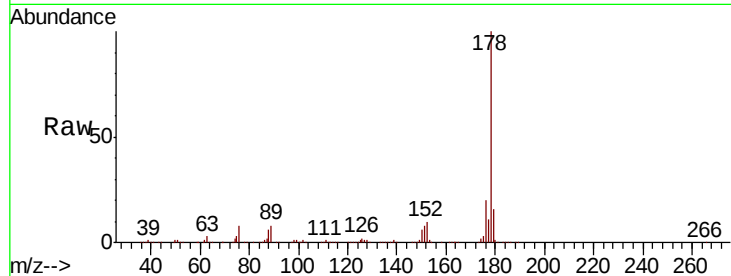
#71
Phenanthrene
Concen: 38.954 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.6	12.8	19.2

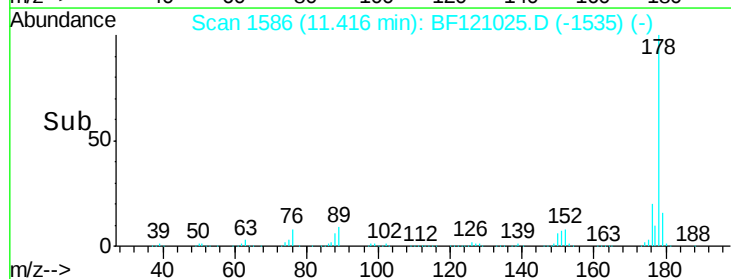
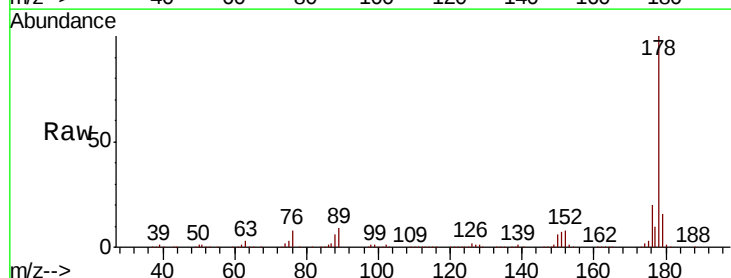
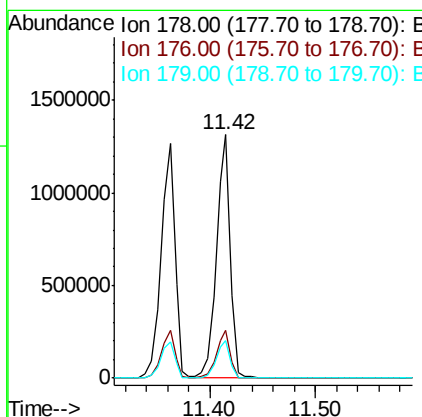
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#72
Anthracene
Concen: 41.057 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.8	19.2





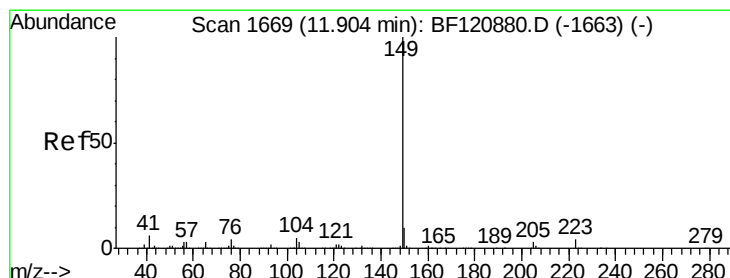
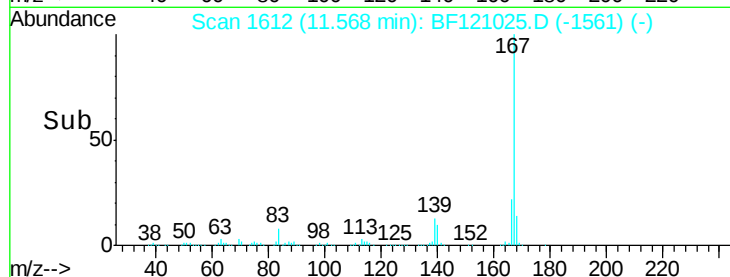
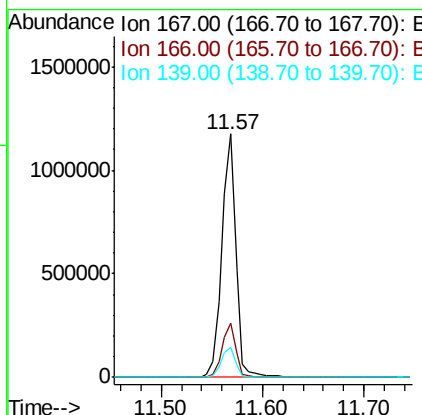
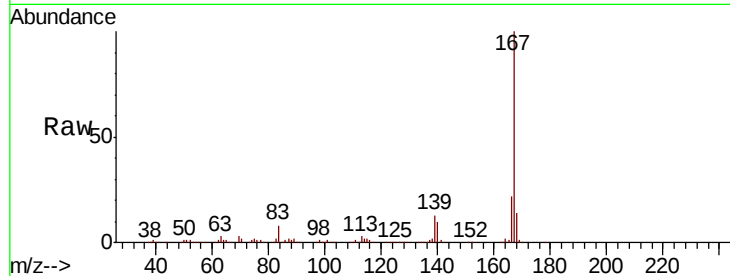
#73
 Carbazole
 Concen: 38.340 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	12.5	10.1	15.1

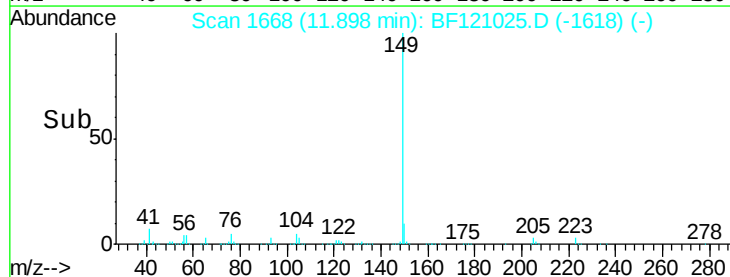
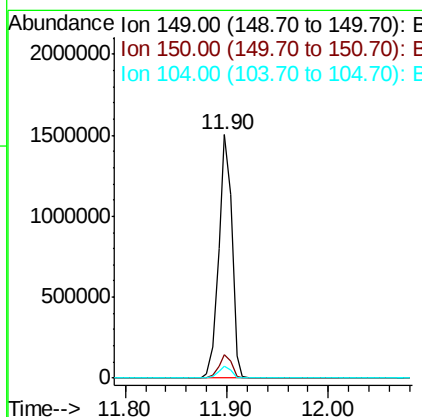
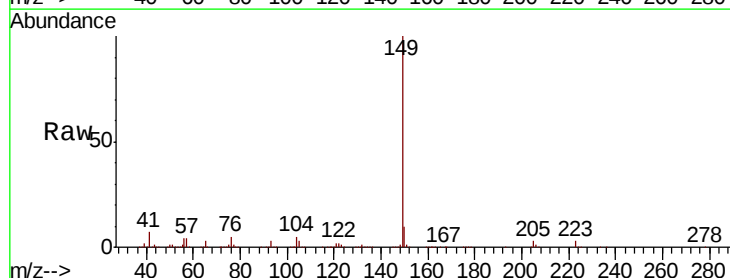
Manual Integrations
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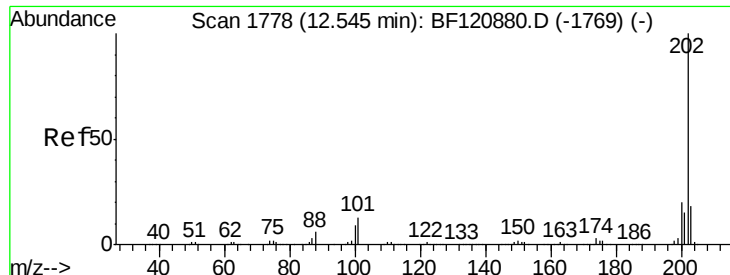
mohammad
 7/28/2020 11:43:10 AM



#74
 Di-n-butylphthalate
 Concen: 39.480 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.6





#75

Fluoranthene

Concen: 38.917 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

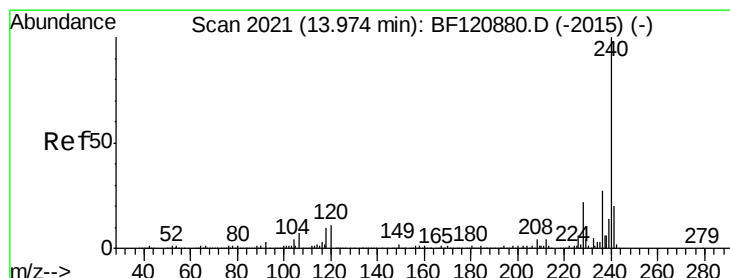
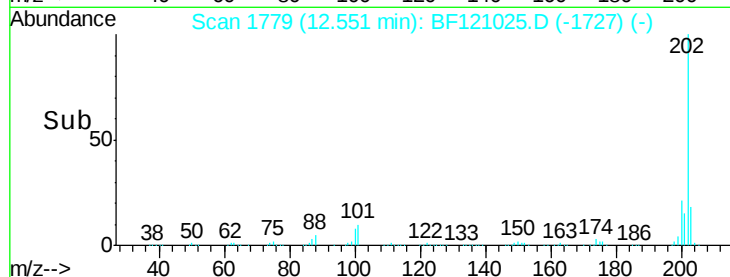
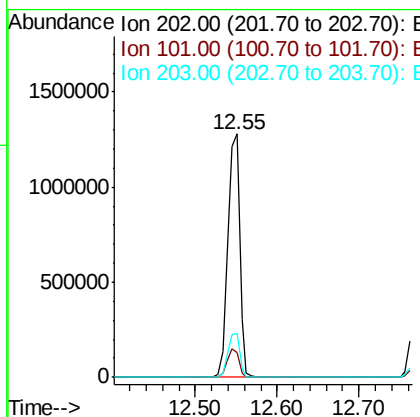
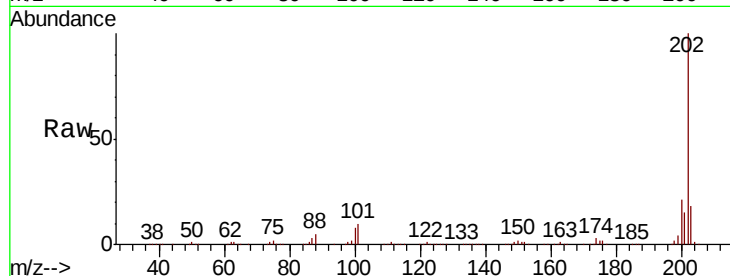
ClientSampleId :

PB130443BS

Tot Ion:	202	Resp:	1279733
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.7
203	17.9	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

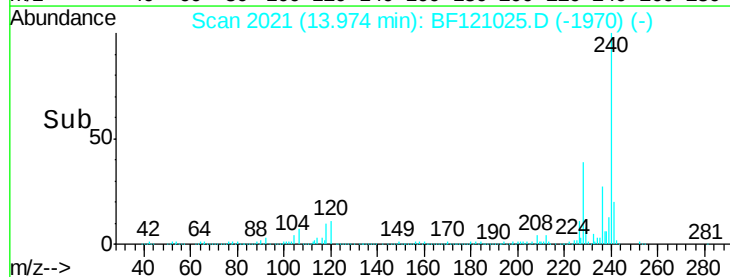
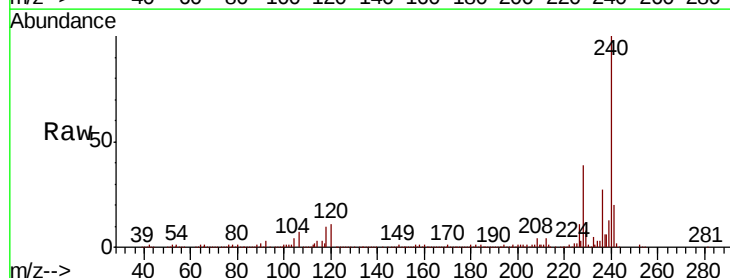
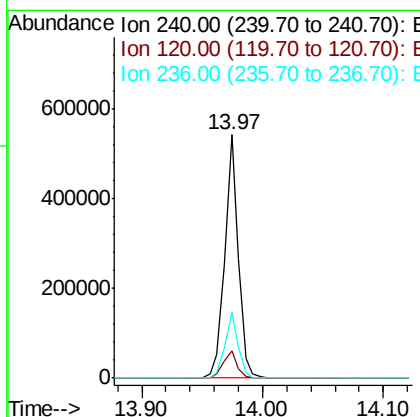
RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	240	Resp:	419214
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.4
236	26.9	21.7	32.5





#77

Benzidine

Concen: 48.491 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Instrument :

BNA_F

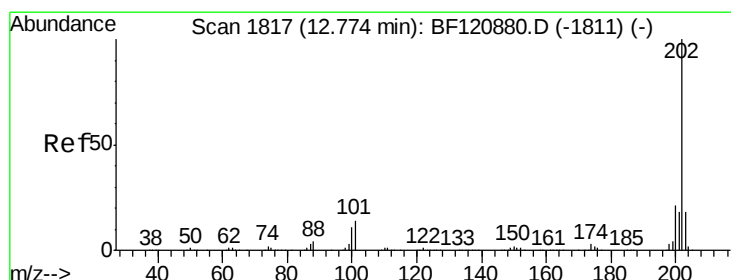
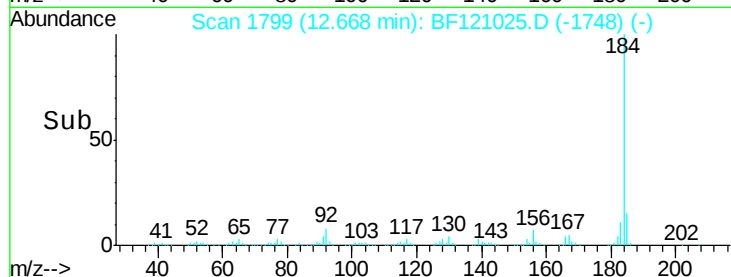
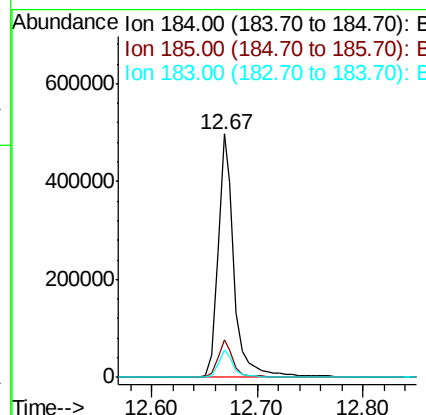
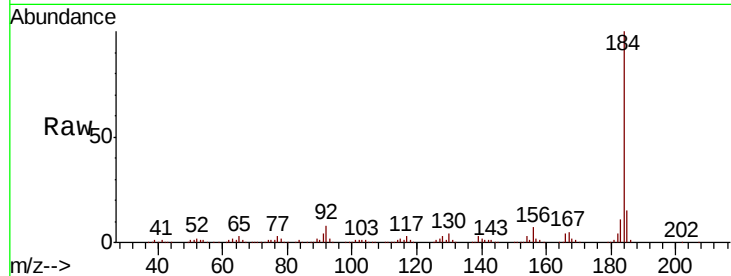
ClientSampleId :

PB130443BS

Tot Ion:	184	Resp:	534467
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	11.0	8.5	12.7

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#78

Pyrene

Concen: 43.503 ng

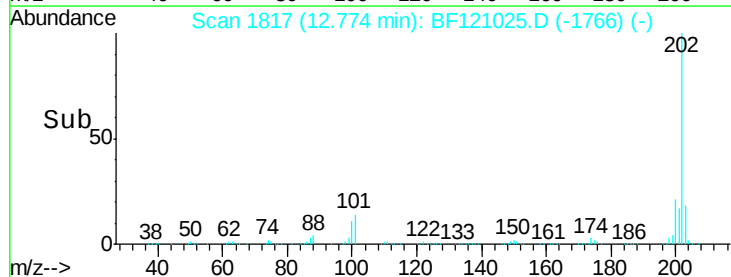
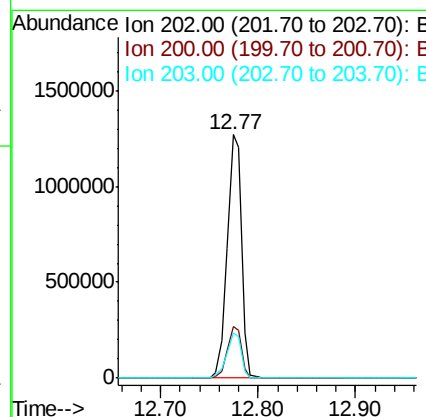
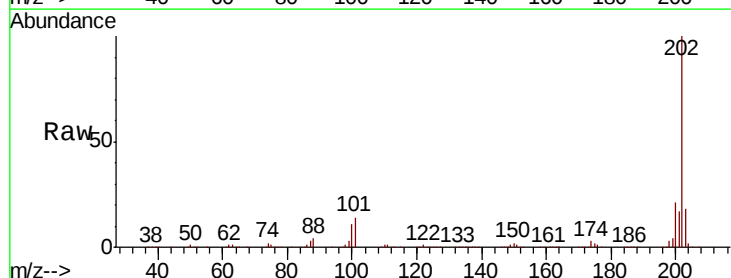
RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF121025.D

Acq: 27 Jul 2020 11:21

Tgt Ion:	202	Resp:	1289378
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	18.4	14.4	21.6





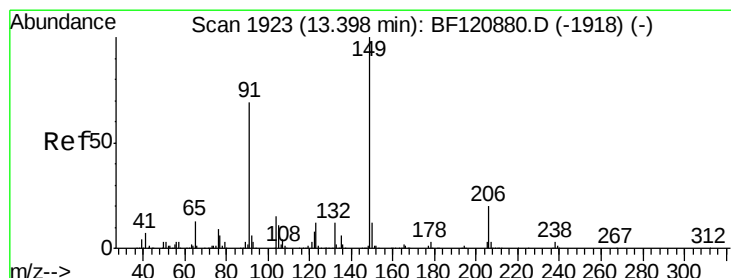
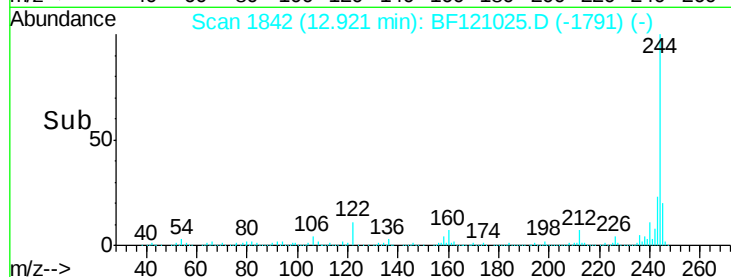
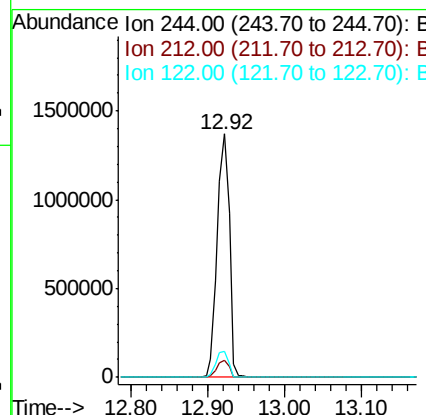
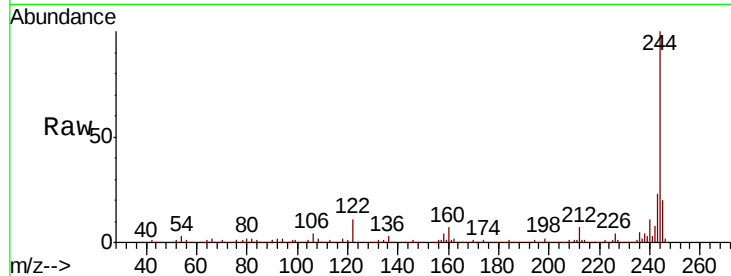
#79
 Terphenyl-d14
 Concen: 76.539 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.9	8.9	13.3

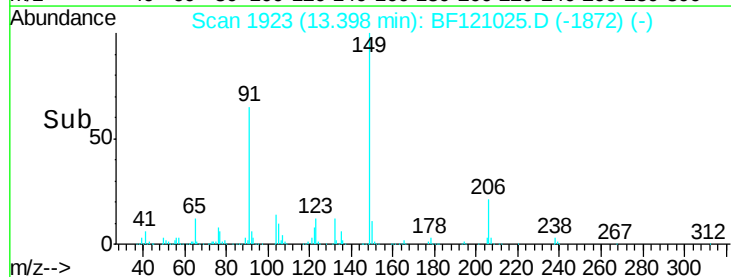
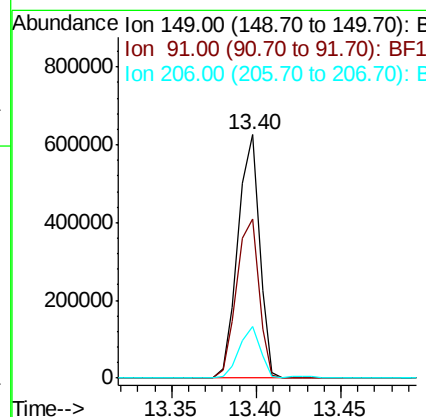
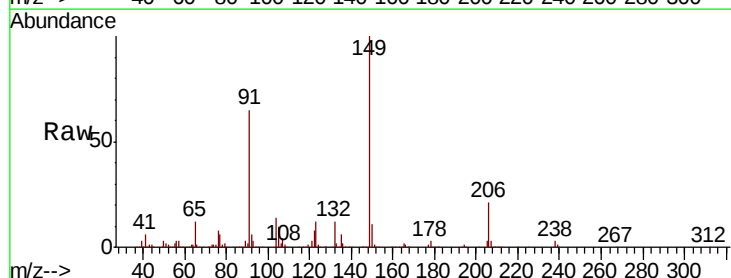
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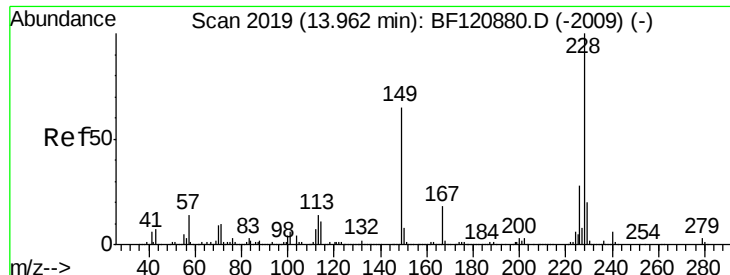
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#80
 Butylbenzylphthalate
 Concen: 42.347 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	55.1	82.7
206	21.4	16.1	24.1





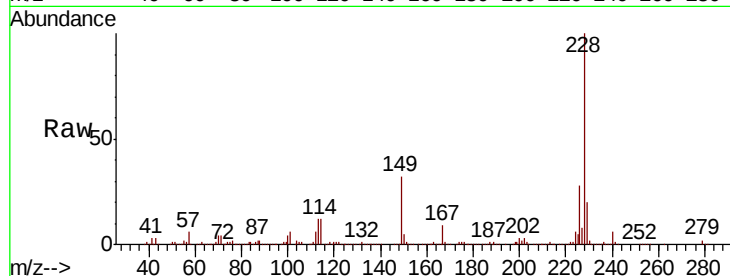
#81
Benzo(a)anthracene
Concen: 40.588 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.3	33.5
229	20.2	16.1	24.1

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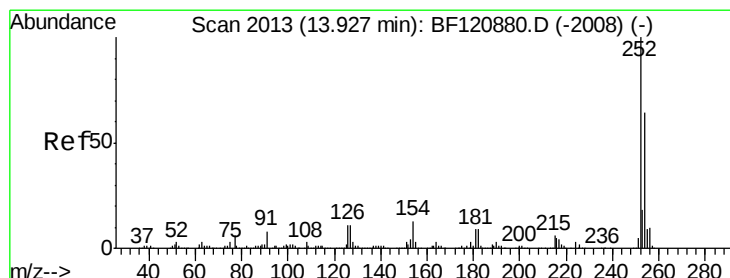
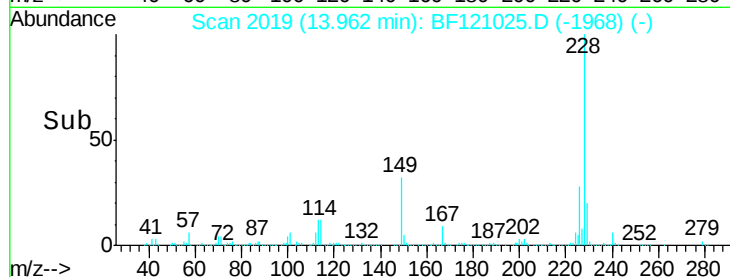
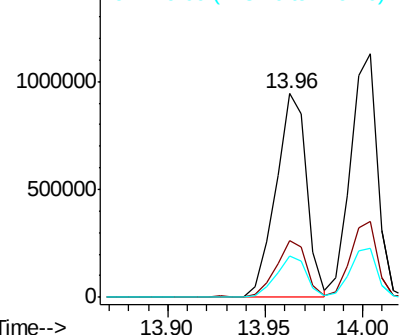


Abundance

Ion 228.00 (227.70 to 228.70): E

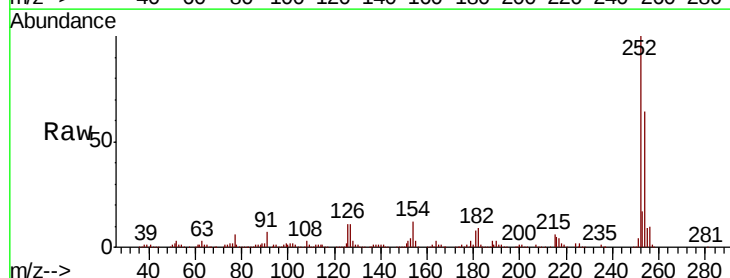
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.973 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	10.6	8.7	13.1

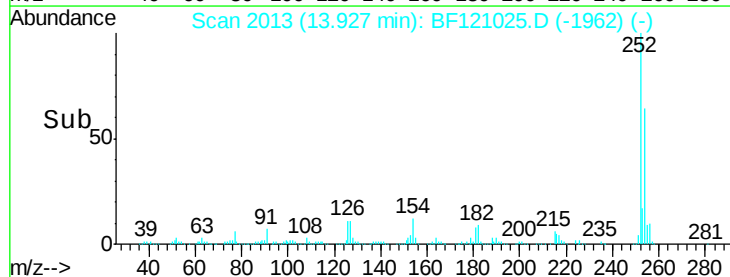
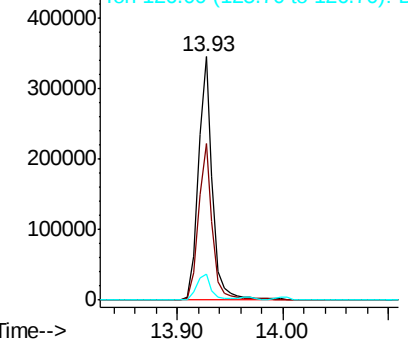


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





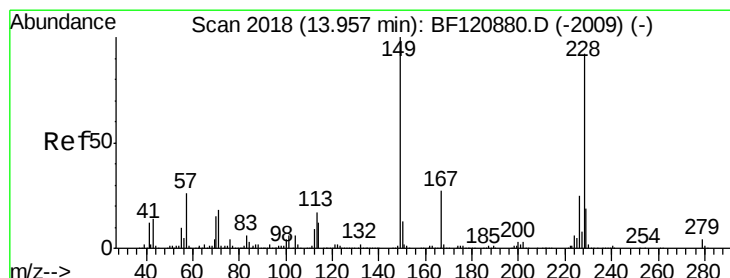
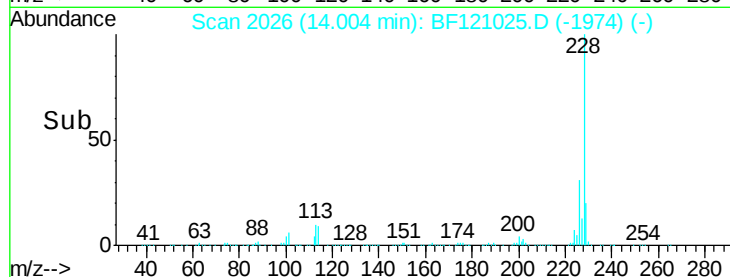
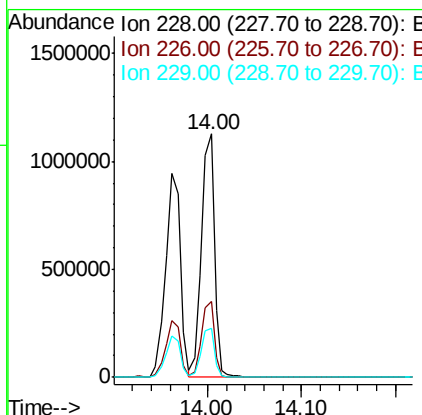
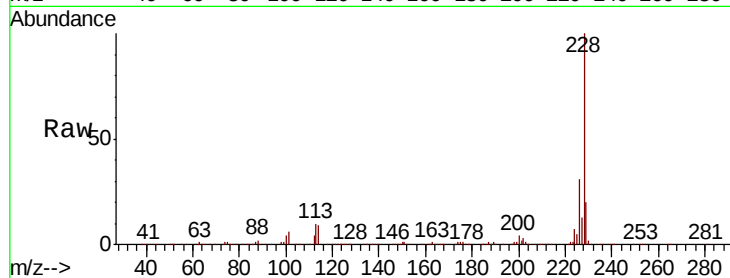
#83
Chrvsene
Concen: 41.022 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion:228 Resp: 1094364
Ion Ratio Lower Upper
228 100
226 31.2 25.6 38.4
229 19.9 16.8 25.2

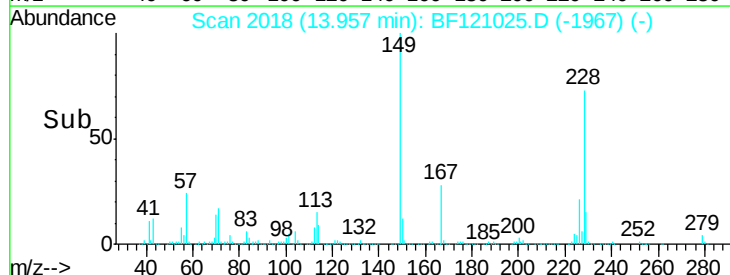
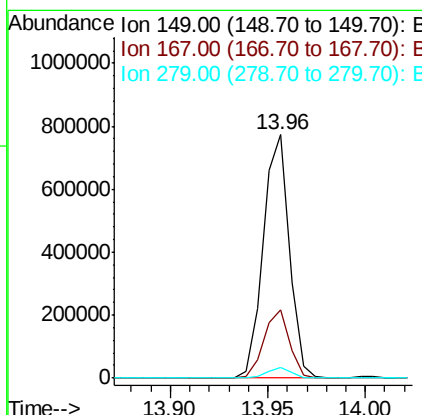
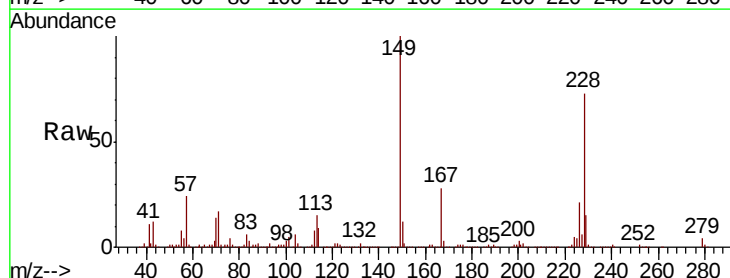
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.975 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion:149 Resp: 716465
Ion Ratio Lower Upper
149 100
167 27.8 21.9 32.9
279 4.4 3.0 4.4





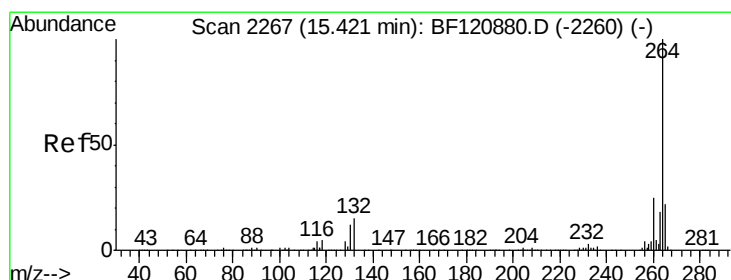
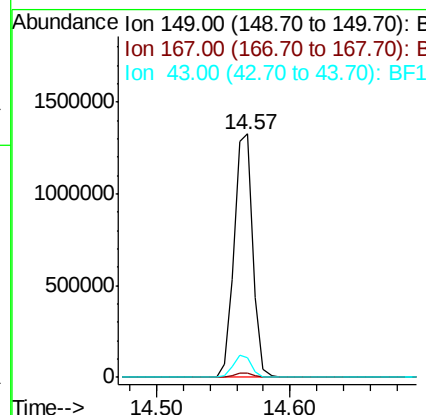
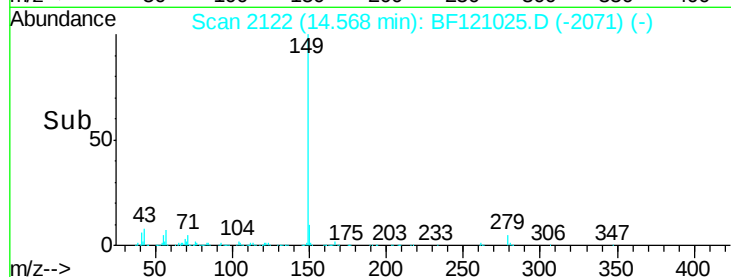
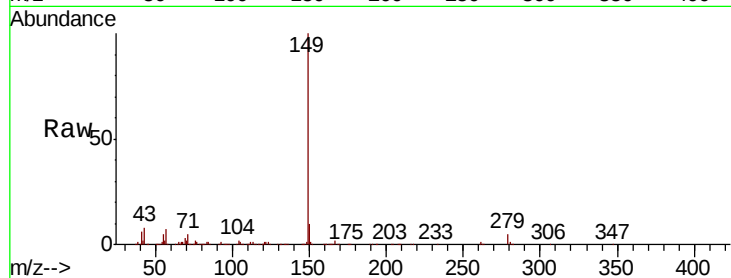
#85
Di-n-octyl phthalate
Concen: 40.676 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion:149 Resp: 1318473
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4

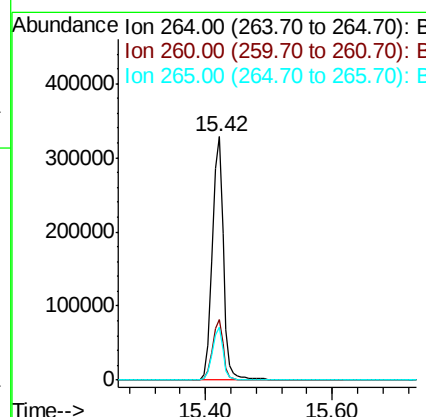
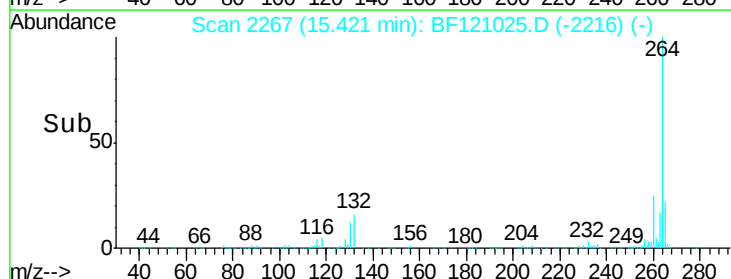
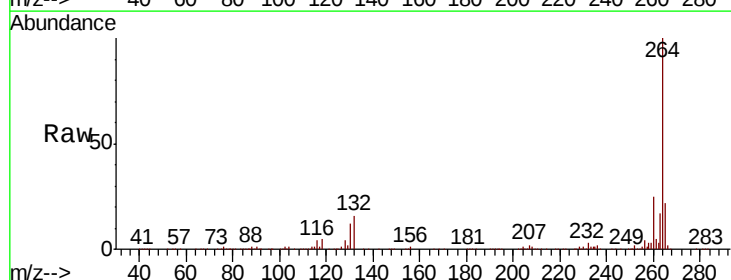
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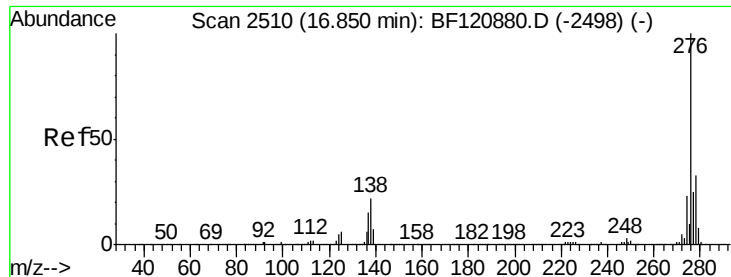
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion:264 Resp: 409982
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 21.7 17.4 26.2





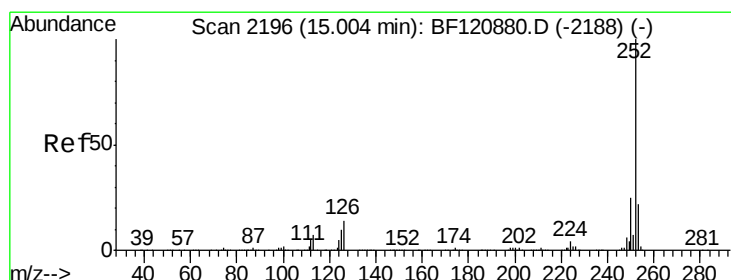
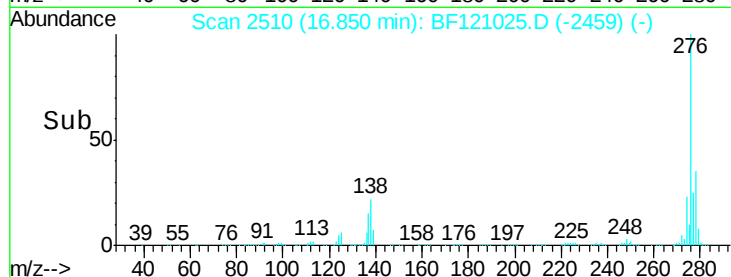
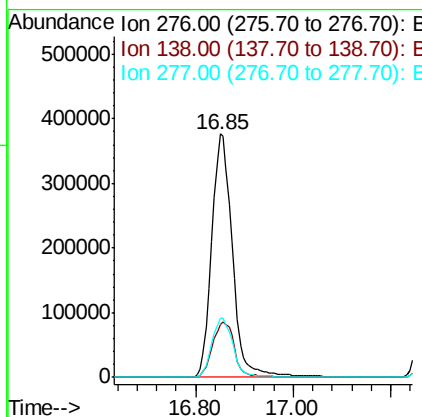
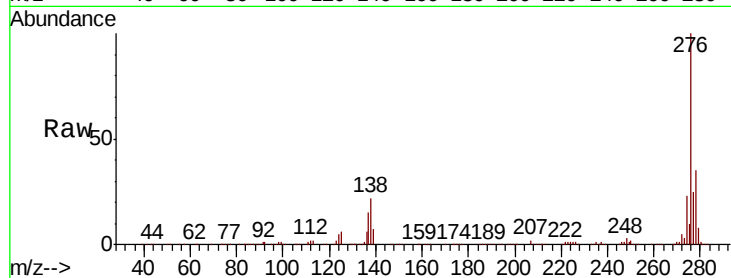
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.022 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130443BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.8
277	25.3	20.2	30.2

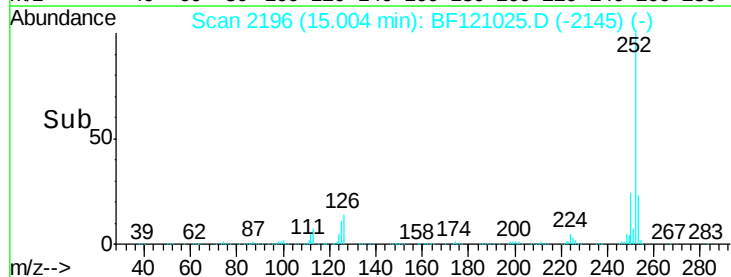
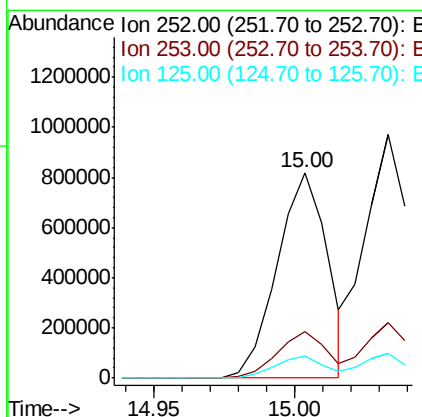
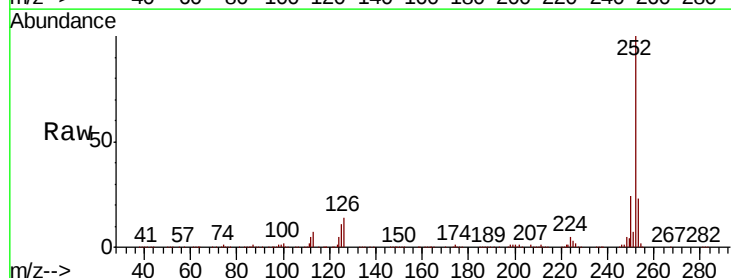
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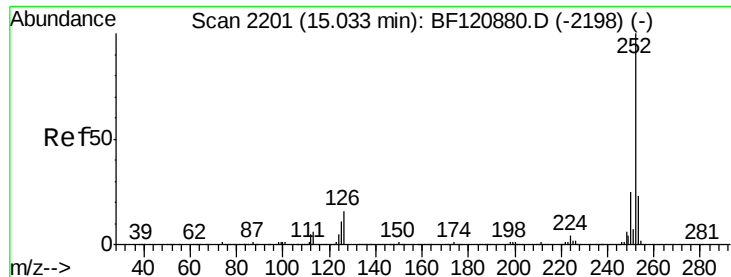
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#88
 Benzo(b)fluoranthene
 Concen: 40.946 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF121025.D
 Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.6	8.3	12.5





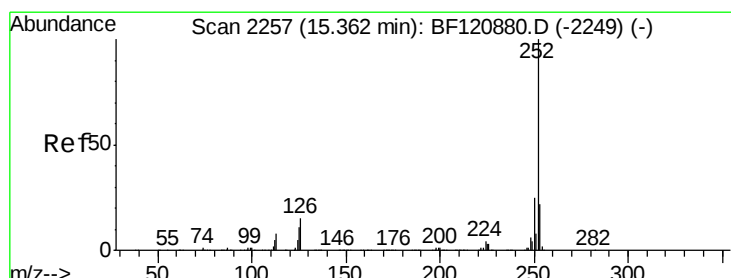
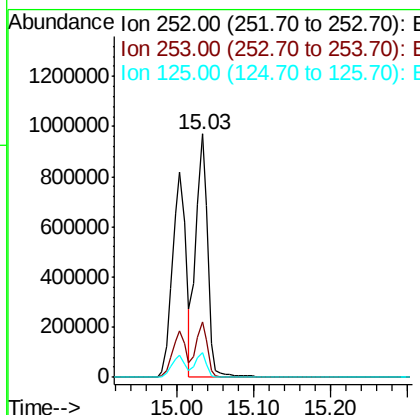
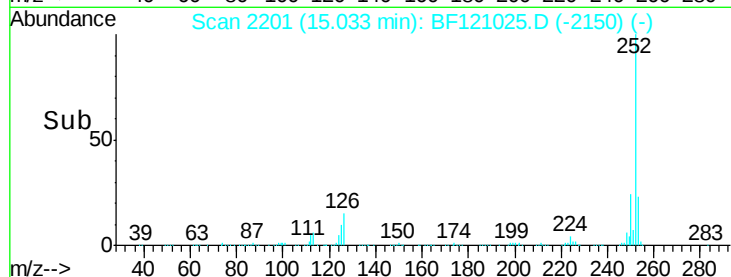
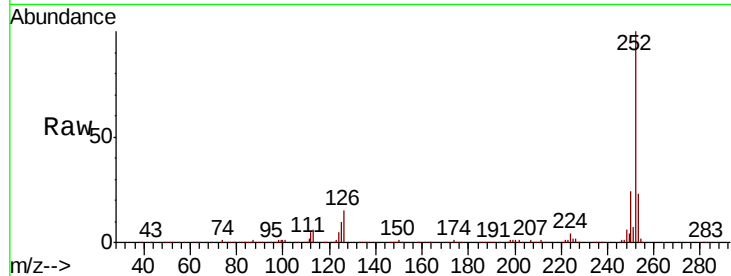
#89
Benzo(k)fluoranthene
Concen: 46.556 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.9	8.4	12.6

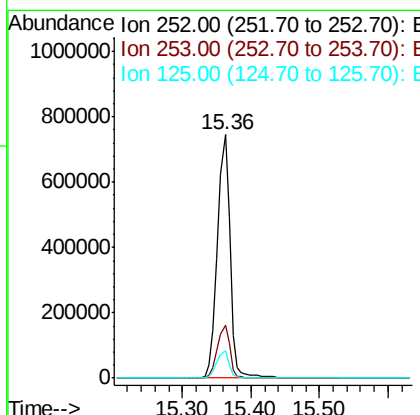
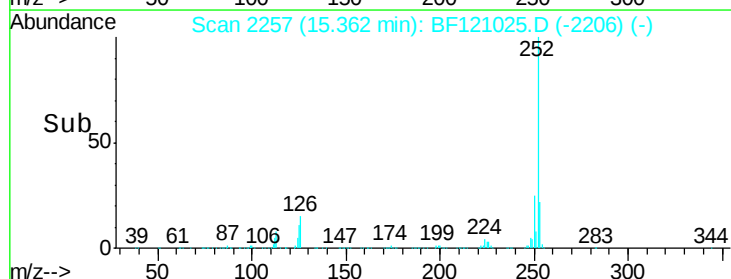
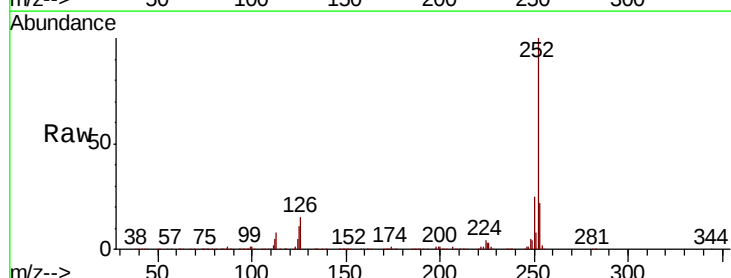
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#90
Benzo(a)pyrene
Concen: 41.728 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.0	8.9	13.3





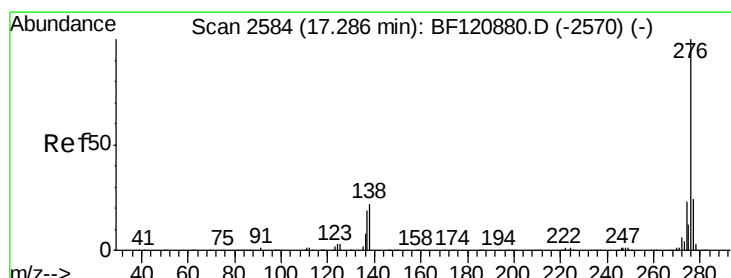
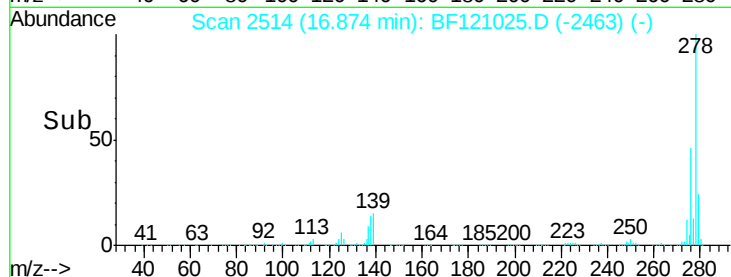
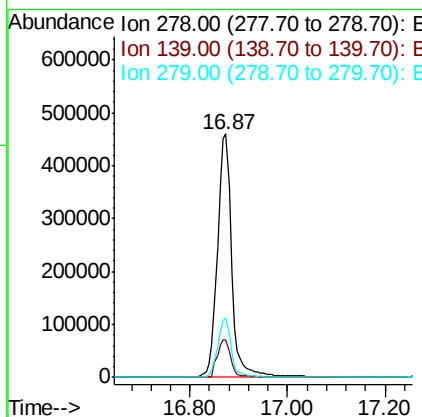
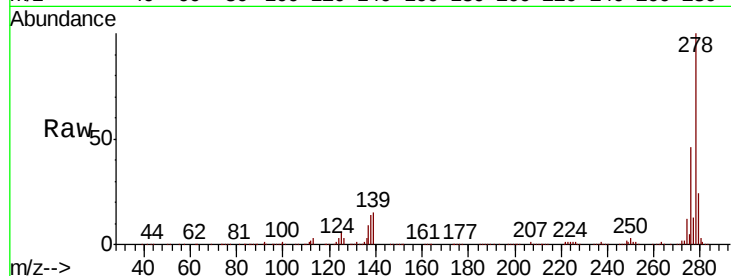
#91
Dibenzo(a,h)anthracene
Concen: 40.407 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Instrument :
BNA_F
ClientSampleId :
PB130443BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	24.1	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 39.601 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF121025.D
Acq: 27 Jul 2020 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.8	28.2
138	21.1	17.5	26.3

