

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120912.D
 Acq On : 17 Jul 2020 9:53
 Operator : JU/CG
 Sample : PB130249BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Manual Integrations
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mohammad
 7/20/2020 11:26:35 AM

Quant Time: Jul 17 10:50:37 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	179278	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	659116	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	320187	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	560217	20.00	ng	0.00
76) Chrysene-d12	13.97	240	397111	20.00	ng	0.00
86) Perylene-d12	15.42	264	380911	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1006954	92.08	ng	0.01
7) Phenol-d6	6.45	99	1202198	85.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	742956	65.22	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	321523	91.74	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1346992	62.81	ng	0.00
79) Terphenyl-d14	12.92	244	1213345	66.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	165386	32.860	ng	99
3) Pyridine	3.34	79	469075	35.035	ng	100
4) n-Nitrosodimethylamine	3.29	42	219811	38.394	ng	97
6) Aniline	6.48	93	585114	31.731	ng	96
8) 2-Chlorophenol	6.60	128	467519	38.807	ng	98
9) Benzaldehyde	6.36	77	127422	15.215	ng	98
10) Phenol	6.46	94	574781	36.989	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	443519	37.242	ng	99
12) 1,3-Dichlorobenzene	6.76	146	480323	36.768	ng	99
13) 1,4-Dichlorobenzene	6.83	146	490880	37.789	ng	98
14) 1,2-Dichlorobenzene	6.99	146	464690	37.814	ng	99
15) Benzyl Alcohol	6.96	79	357431	35.779	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	626637	36.506	ng	100
17) 2-Methylphenol	7.07	107	362145	33.915	ng	99
18) Hexachloroethane	7.33	117	184435	39.228	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	285357	35.524	ng	99
20) 3+4-Methylphenols	7.22	107	420694	30.972	ng	94
22) Acetophenone	7.23	105	559039	37.792	ng	98
24) Nitrobenzene	7.40	77	462163	37.644	ng	98
25) Isophorone	7.64	82	822250	36.169	ng	99
26) 2-Nitrophenol	7.72	139	240534	41.252	ng	99
27) 2,4-Dimethylphenol	7.75	122	375960	39.713	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	530471	38.226	ng	99
29) 2,4-Dichlorophenol	7.96	162	368507	38.093	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	411866	38.374	ng	100
31) Naphthalene	8.12	128	1266665	37.465	ng	99
32) Benzoic acid	7.87	122	277776	39.087	ng	98
33) 4-Chloroaniline	8.17	127	402315	26.675	ng	99
34) Hexachlorobutadiene	8.24	225	237181	37.487	ng	99
35) Caprolactam	8.53	113	106675m	34.386	ng	
36) 4-Chloro-3-methylphenol	8.65	107	365247	36.814	ng	98
37) 2-Methylnaphthalene	8.81	142	839420	38.238	ng	99
38) 1-Methylnaphthalene	8.91	142	789851	37.989	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	361792	38.782	ng	99

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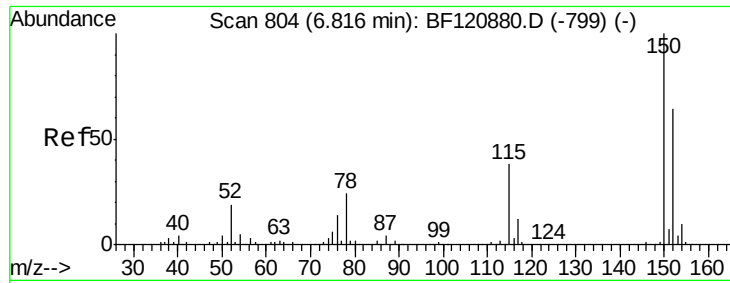
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	448152	86.921	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	261124	39.755	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	280034	37.585	nq	97
46) 1,1'-Biphenyl	9.27	154	972583	39.821	nq	100
47) 2-Chloronaphthalene	9.30	162	762311	38.282	nq	100
48) 2-Nitroaniline	9.39	65	225509	37.474	nq	99
49) Acenaphthylene	9.72	152	1171213	37.860	nq	100
50) Dimethylphthalate	9.58	163	850566	36.822	nq	100
51) 2,6-Dinitrotoluene	9.64	165	192594	38.808	nq	86
52) Acenaphthene	9.89	154	814092	41.392	nq	99
53) 3-Nitroaniline	9.80	138	164622	26.449	nq	98
54) 2,4-Dinitrophenol	9.91	184	194244	69.025	nq	88
55) Dibenzofuran	10.06	168	1069370	37.599	nq	99
56) 4-Nitrophenol	9.96	139	340687	72.057	nq	98
57) 2,4-Dinitrotoluene	10.04	165	251077	38.526	nq	93
58) Fluorene	10.40	166	776396	36.601	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	229750	40.500	nq	97
60) Diethylphthalate	10.27	149	843865	36.117	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	382951	33.847	nq	98
62) 4-Nitroaniline	10.42	138	199296	32.871	nq	98
63) Azobenzene	10.56	77	814942	36.637	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	128904	40.417	nq	95
66) n-Nitrosodiphenylamine	10.51	169	726868	41.245	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	249765	39.988	nq	97
68) Hexachlorobenzene	10.95	284	277385	41.054	nq	98
69) Atrazine	11.04	200	199120	45.622	nq	97
70) Pentachlorophenol	11.14	266	313719	81.050	nq	98
71) Phenanthrene	11.36	178	1131960	39.288	nq	100
72) Anthracene	11.42	178	1170213	40.448	nq	100
73) Carbazole	11.57	167	1067674	37.186	nq	100
74) Di-n-butylphthalate	11.90	149	1274500	38.466	nq	100
75) Fluoranthene	12.55	202	1202911	37.666	nq	99
77) Benzidine	12.67	184	546317	52.325	nq	99
78) Pyrene	12.77	202	1218412	43.397	nq	100
80) Butylbenzylphthalate	13.40	149	513303	41.012	nq	98
81) Benzo(a)anthracene	13.96	228	940710	39.120	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	309008	34.061	nq	100
83) Chrysene	14.00	228	1012007	40.046	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	637137	41.283	nq	100
85) Di-n-octyl phthalate	14.57	149	1187954	38.689	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1045350	39.461	nq	99
88) Benzo(b)fluoranthene	15.00	252	963659	41.853	nq	99
89) Benzo(k)fluoranthene	15.03	252	899377	42.831	nq	98
90) Benzo(a)pyrene	15.36	252	848986	40.415	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	862653	39.865	nq	99
92) Benzo(g,h,i)perylene	17.28	276	854194	40.035	nq	98

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



#1

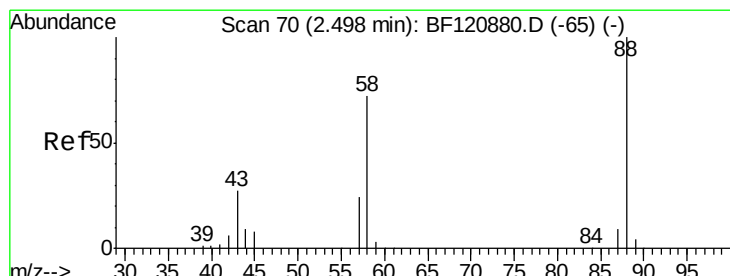
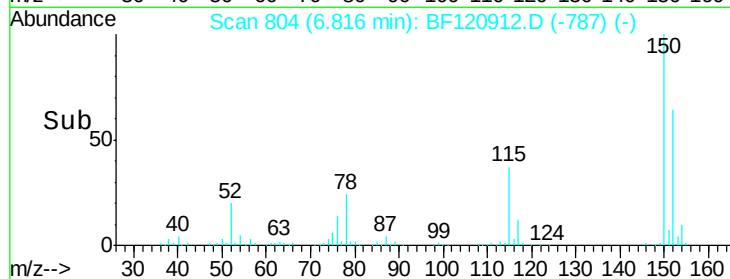
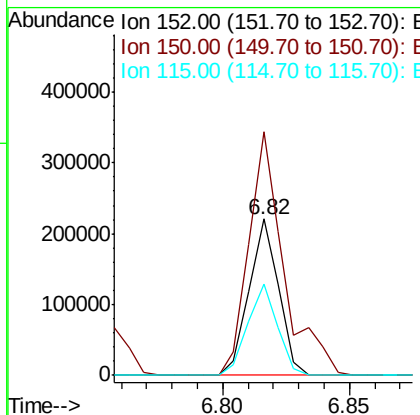
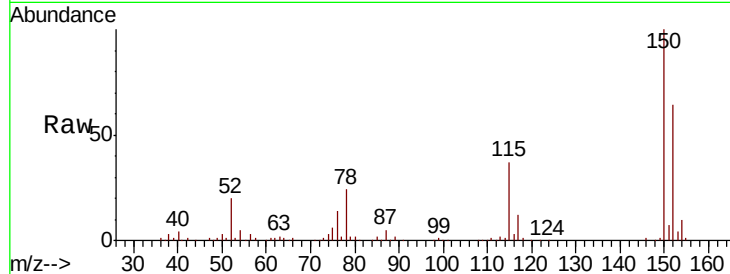
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.0	187.6
115	58.4	47.0	70.4

Manual Integrations
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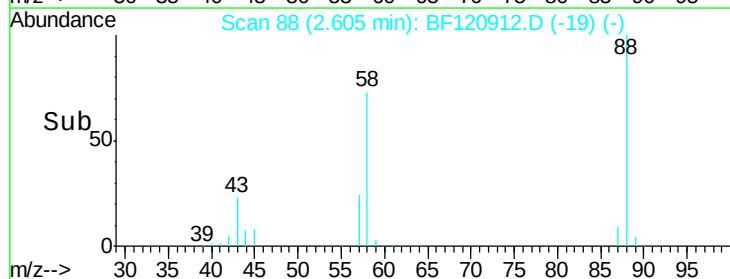
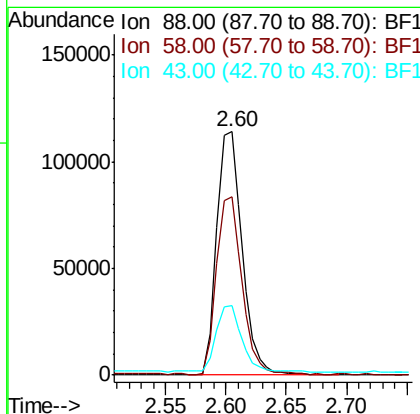
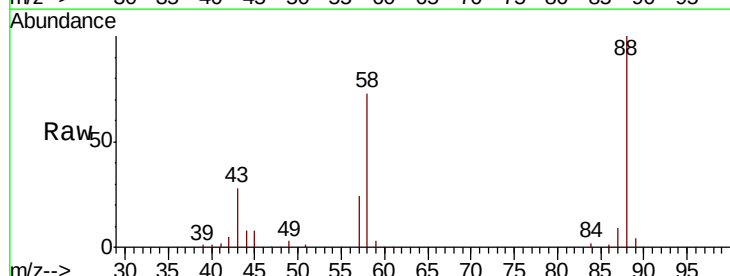
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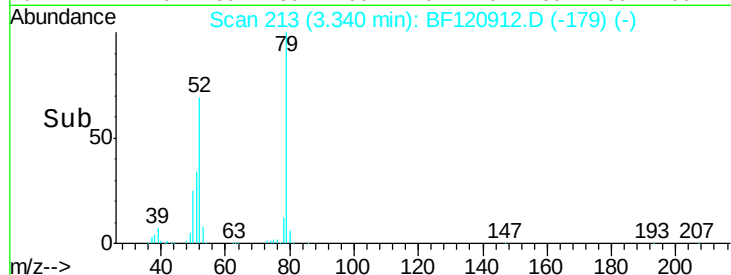
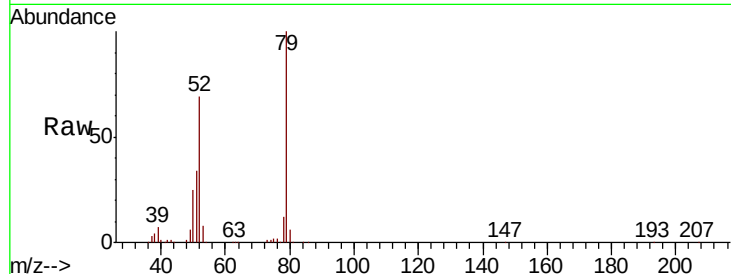
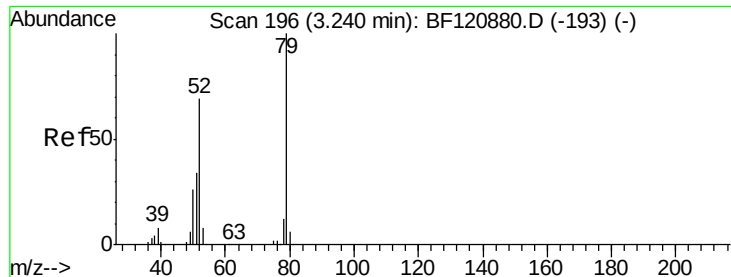


#2

1,4-Dioxane
Concen: 32.860 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.11 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.2
43	28.6	22.1	33.1





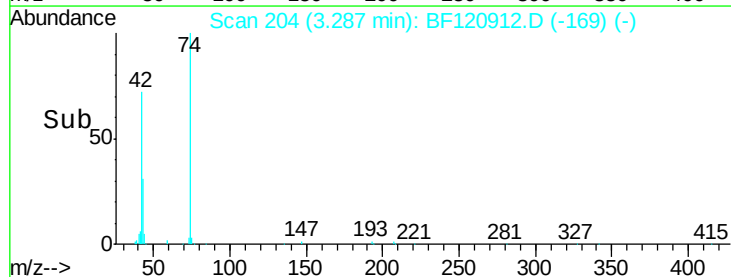
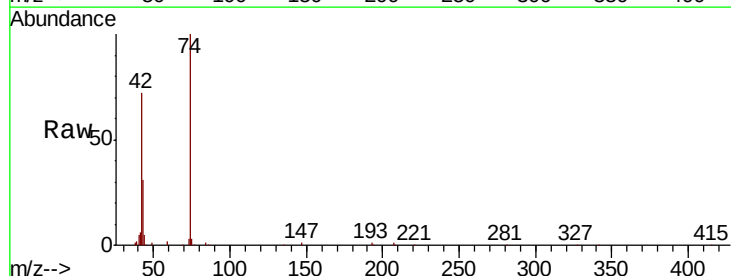
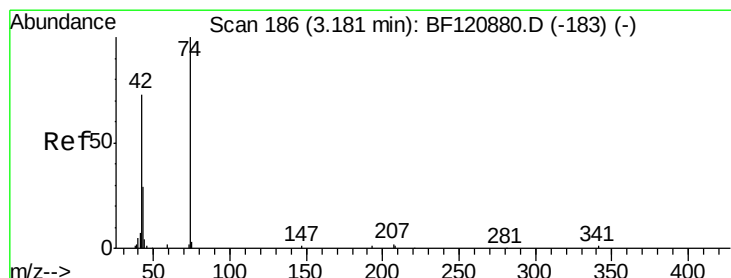
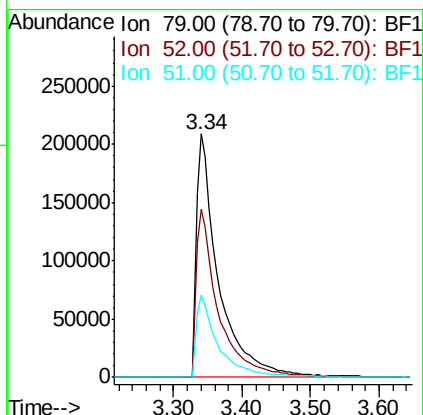
#3
 Pvridine
 Concen: 35.035 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.10 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		469075		
52	69.2	55.0	82.6		
51	33.8	26.9	40.3		

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

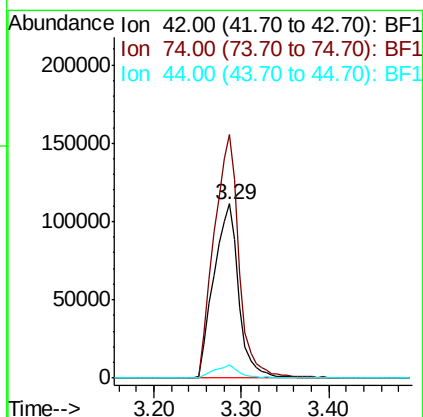
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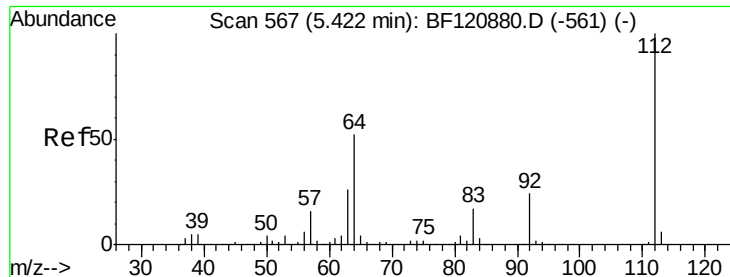
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 38.394 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.11 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		219811		
74	139.6	108.7	163.1		
44	7.3	5.2	7.8		





#5

2-Fluorophenol

Concen: 92.078 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

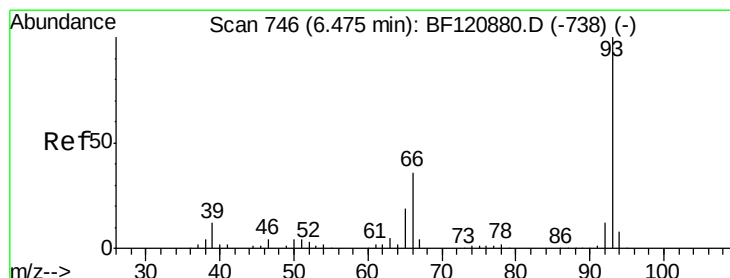
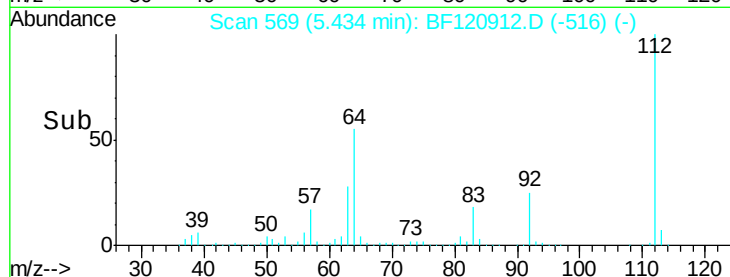
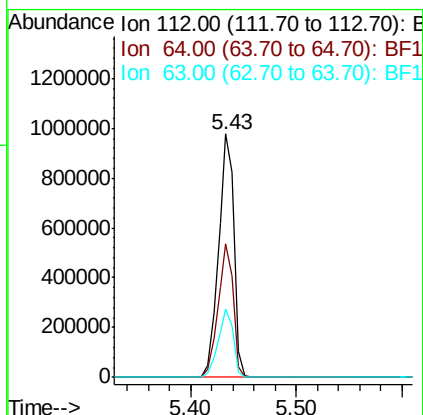
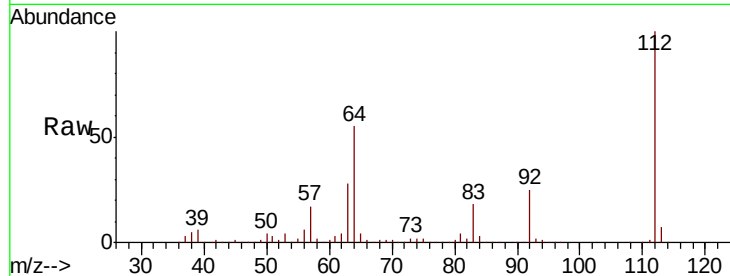
ClientSampleId :

PB130249BS

Tot Ion:	112	Resp:	1006954
Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	27.9	21.1	31.7

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#6

Aniline

Concen: 31.731 ng

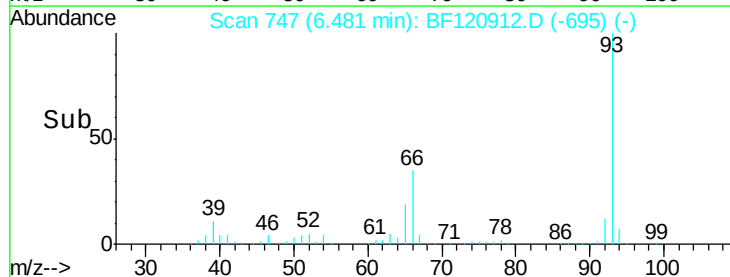
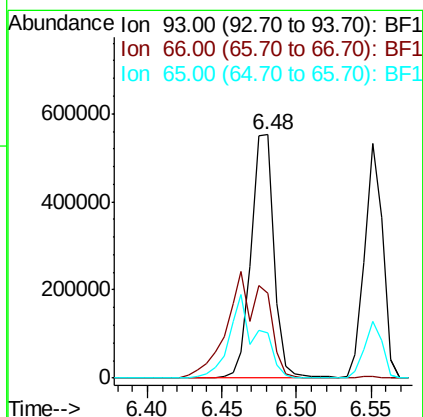
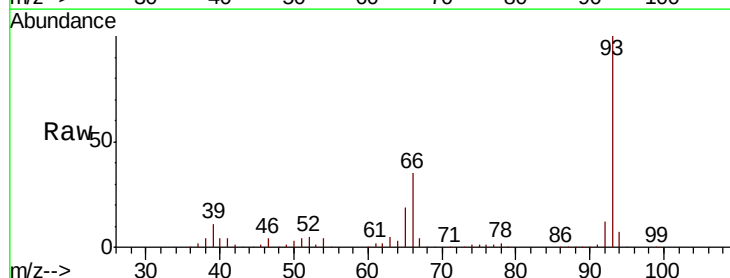
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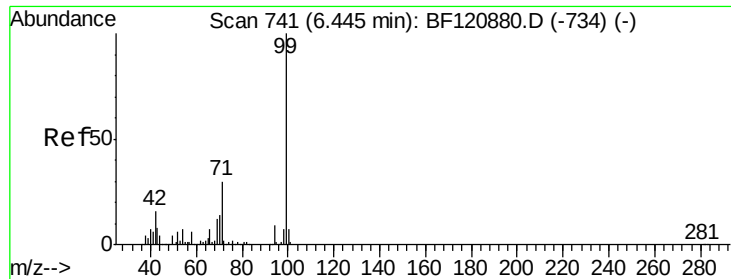
Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	93	Resp:	585114
Ion	Ratio	Lower	Upper
93	100		
66	35.0	30.2	45.4
65	18.6	15.8	23.6





#7

Phenol-d6

Concen: 85.103 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

ClientSampleId :

PB130249BS

Tot Ion: 99 Resp: 1202198

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

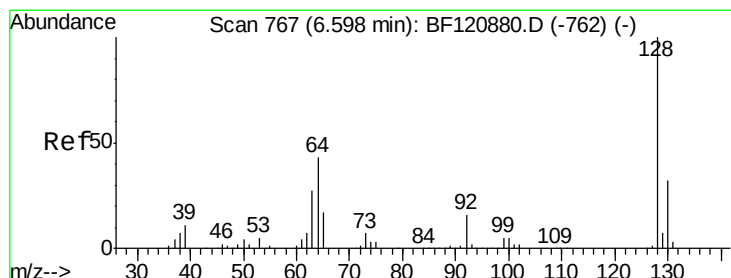
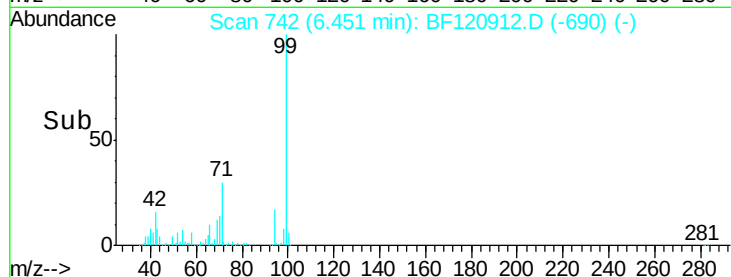
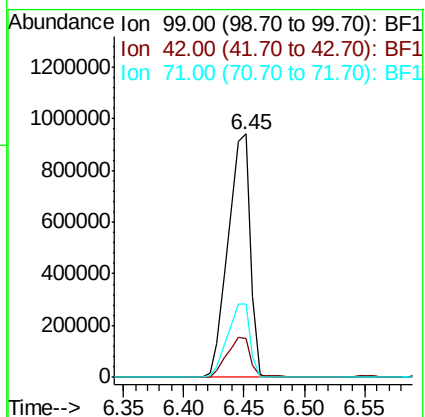
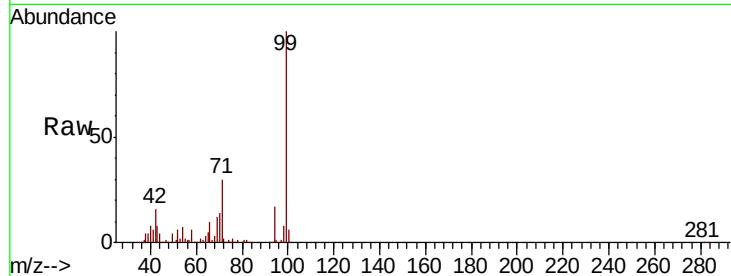
71 30.1 24.2 36.4

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#8

2-Chlorophenol

Concen: 38.807 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

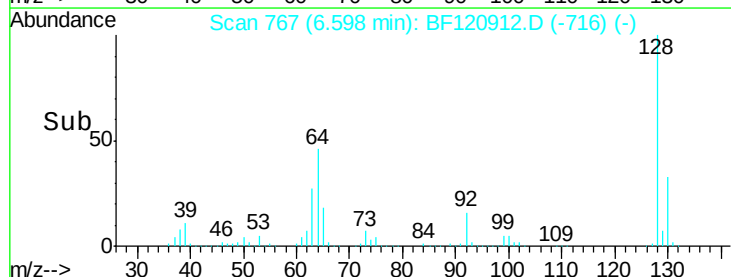
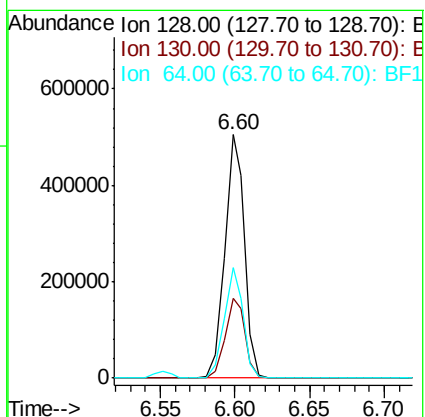
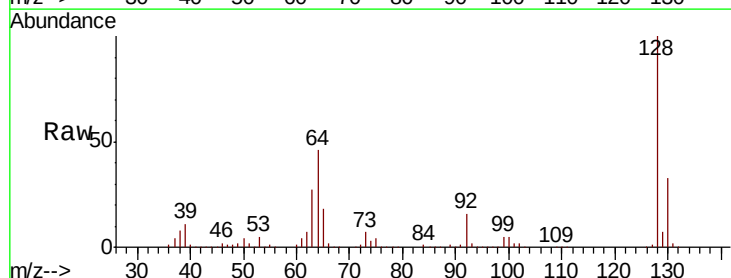
Tgt Ion: 128 Resp: 467519

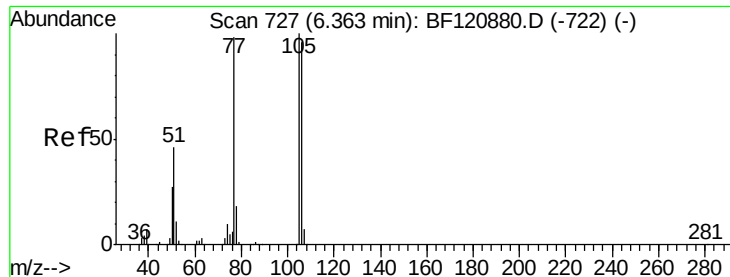
Ion Ratio Lower Upper

128 100

130 32.9 12.1 52.1

64 45.6 24.0 64.0





#9

Benzaldehyde

Concen: 15.215 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

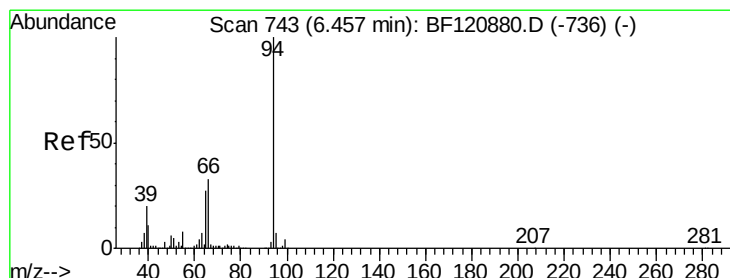
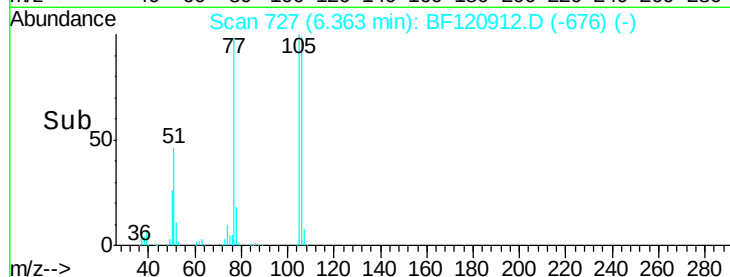
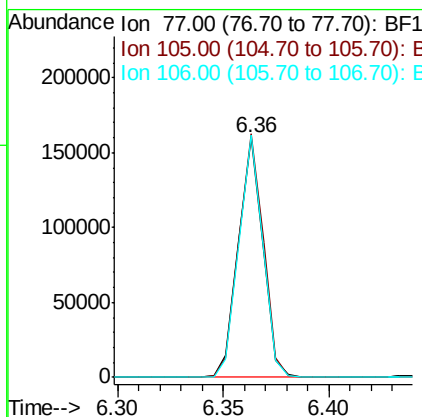
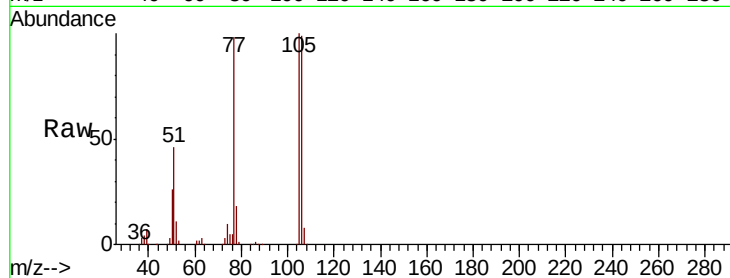
ClientSampleId :

PB130249BS

Tot Ion:	77	Resp:	127422
Ion Ratio	Lower	Upper	
77	100		
105	101.8	82.5	122.5
106	101.2	78.7	118.7

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#10

Phenol

Concen: 36.989 ng

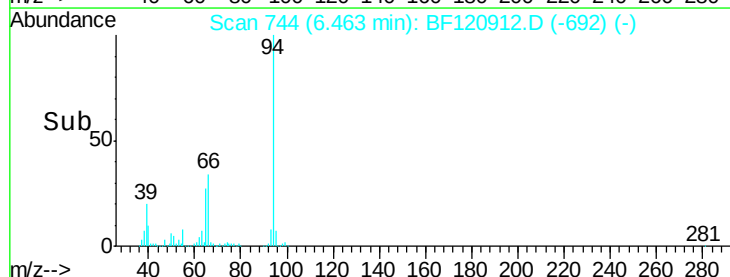
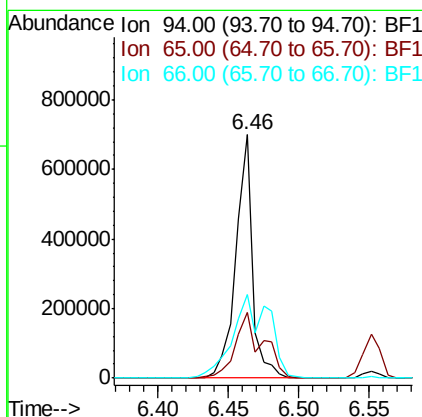
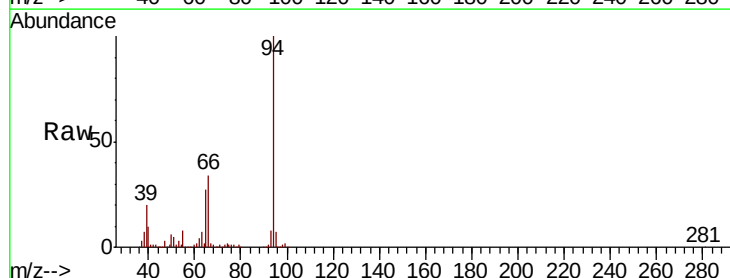
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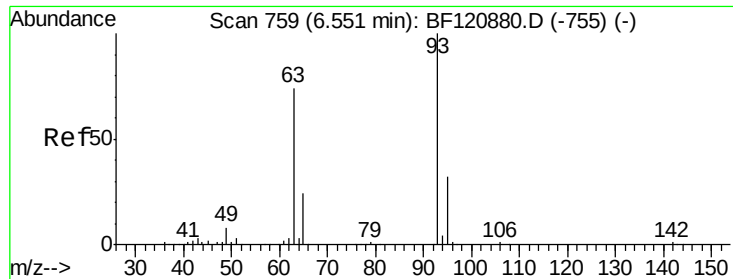
Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	94	Resp:	574781
Ion Ratio	Lower	Upper	
94	100		
65	26.9	6.6	46.6
66	34.5	13.2	53.2





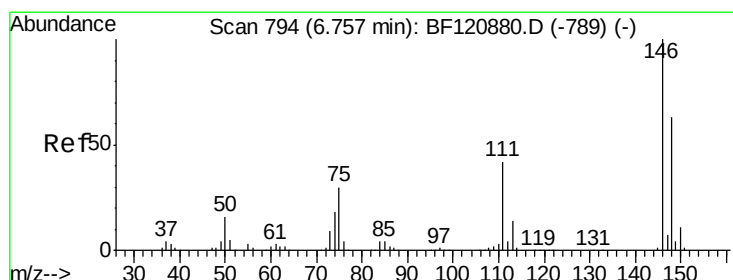
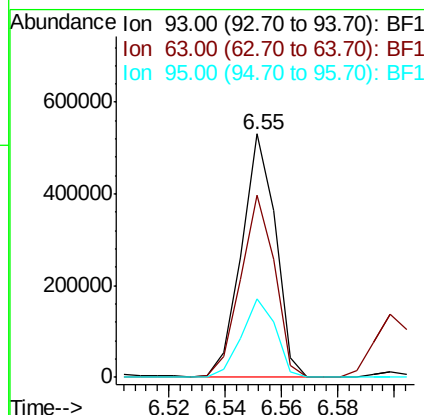
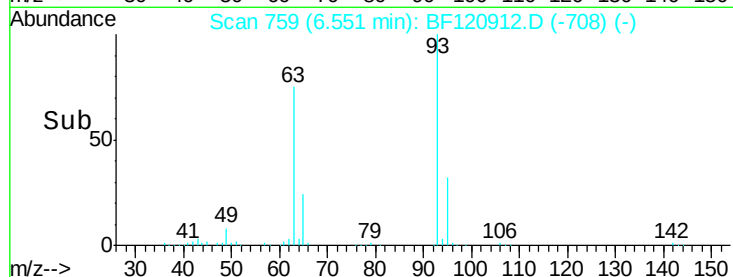
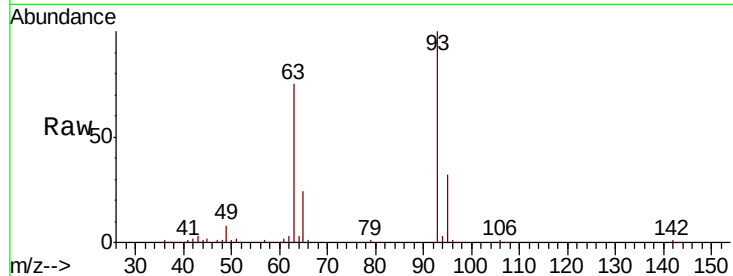
#11
bis(2-Chloroethyl)ether
Concen: 37.242 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion:	93	Resp:	443519
Ion Ratio	Lower	Upper	
93	100		
63	74.8	54.2	94.2
95	32.1	12.2	52.2

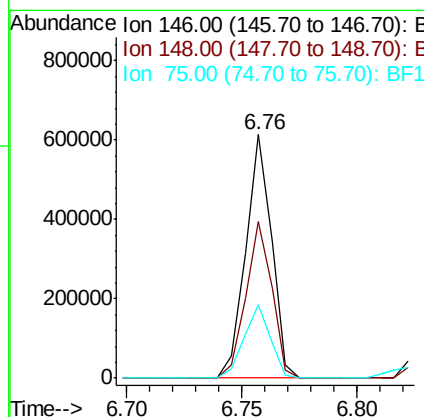
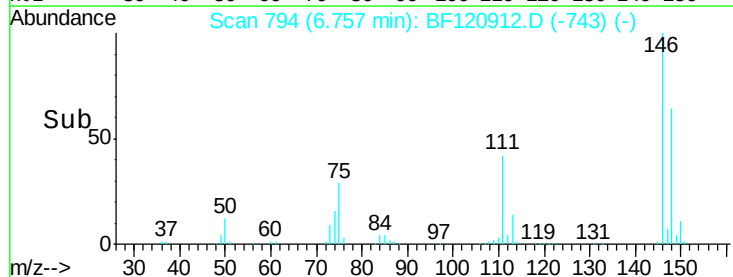
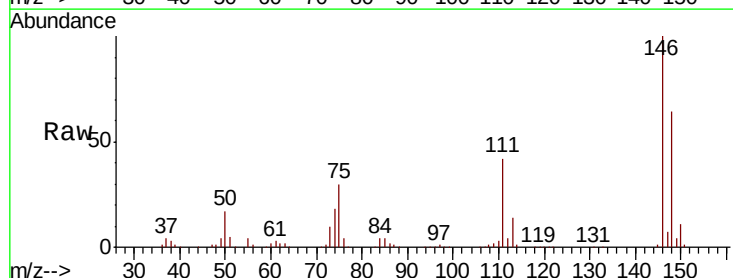
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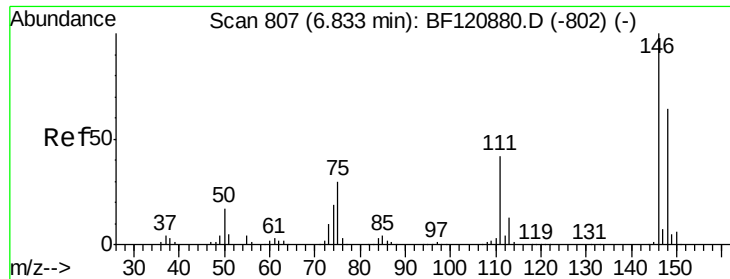
mohammad
7/20/2020 11:26:35 AM



#12
1,3-Dichlorobenzene
Concen: 36.768 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion:	146	Resp:	480323
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
75	30.3	24.1	36.1





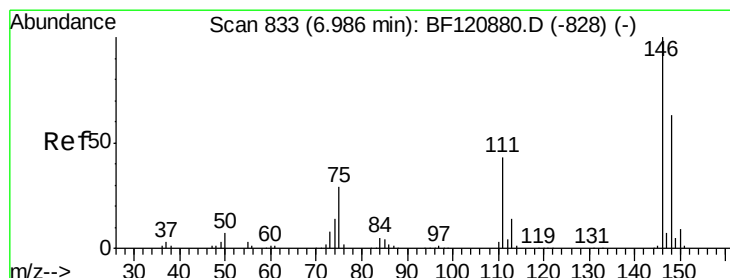
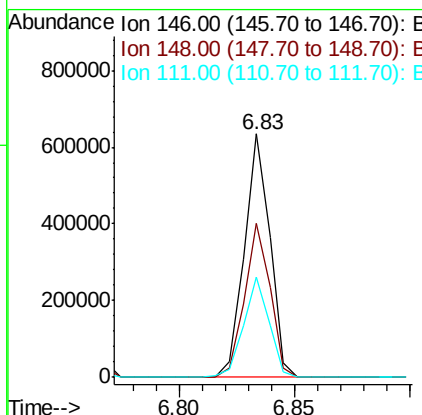
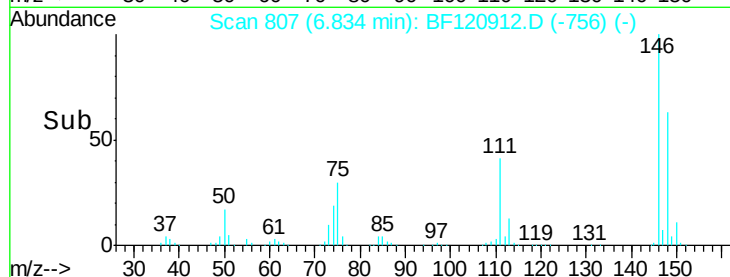
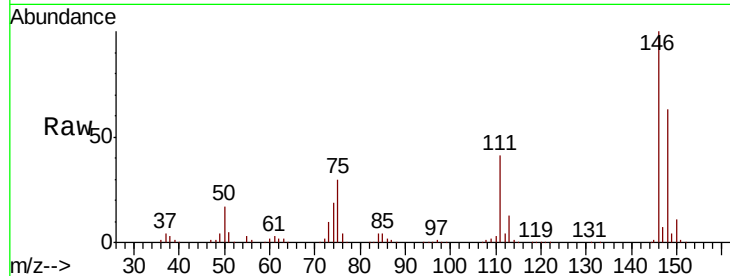
#13
 1,4-Dichlorobenzene
 Concen: 37.789 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	40.9	33.5	50.3

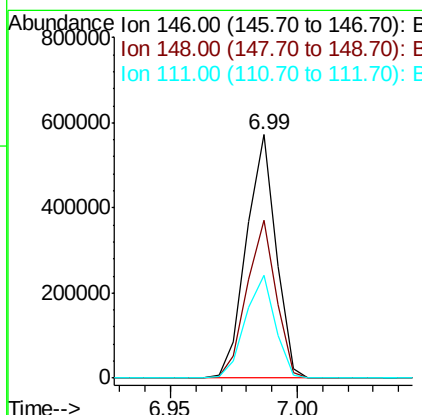
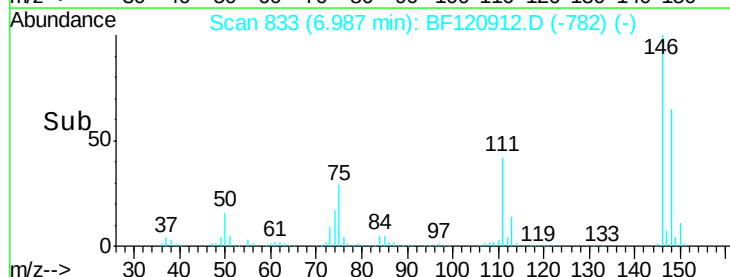
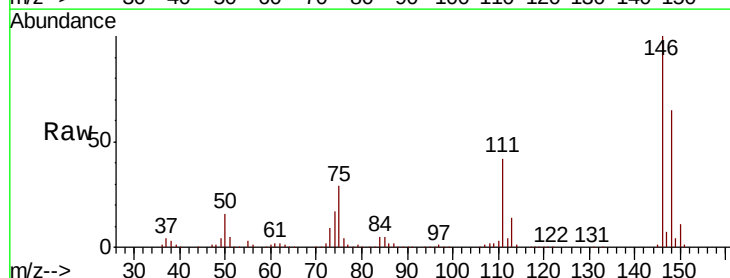
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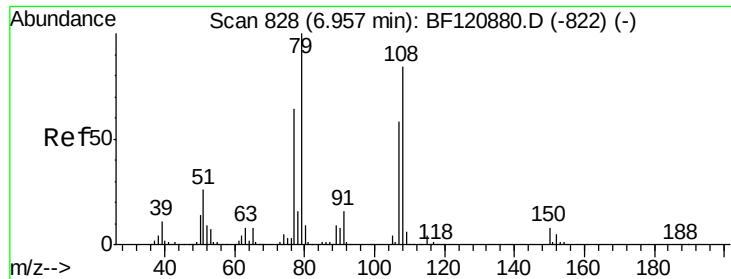
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.814 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	76.0
111	42.4	34.2	51.2





#15

Benzyl Alcohol

Concen: 35.779 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

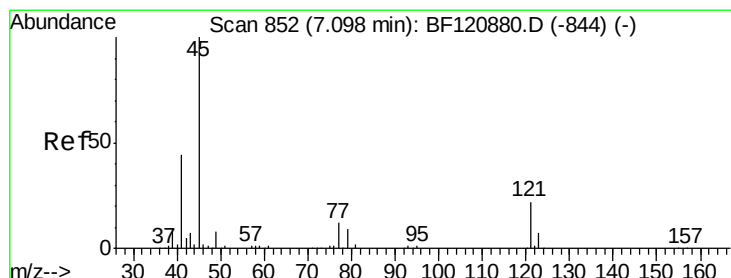
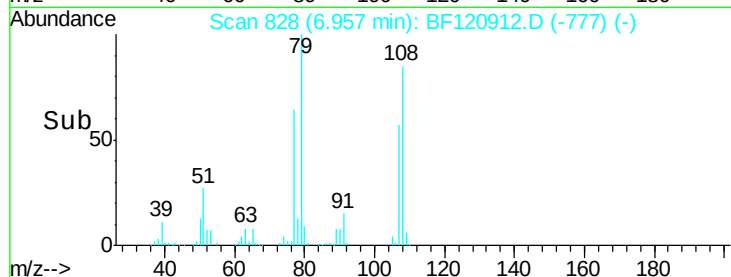
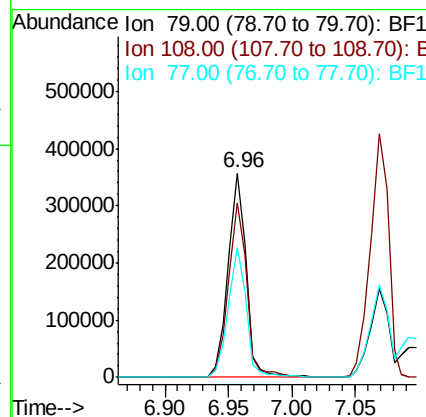
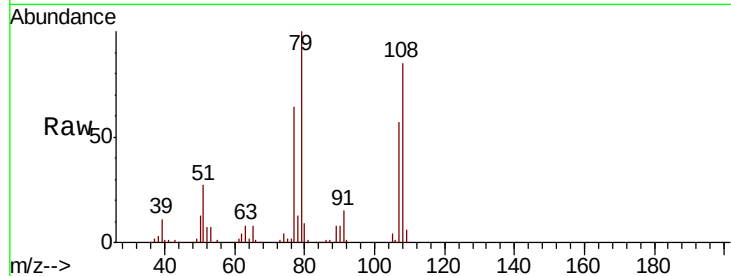
ClientSampleId :

PB130249BS

Tot Ion:	79	Resp:	357431
Ion Ratio	Lower	Upper	
79	100		
108	85.2	67.0	100.6
77	63.8	51.0	76.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.506 ng

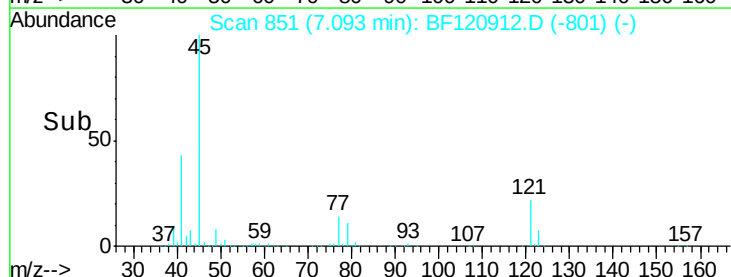
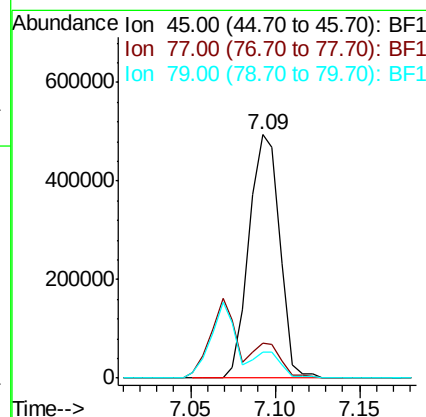
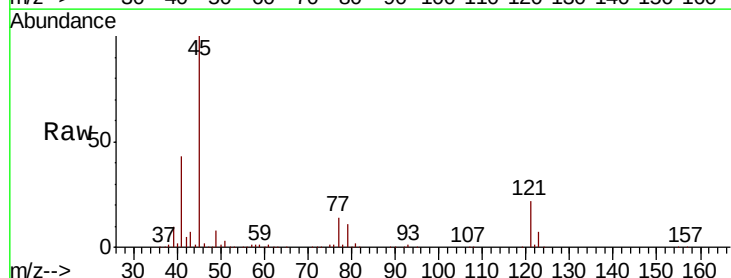
RT: 7.09 min Scan# 851

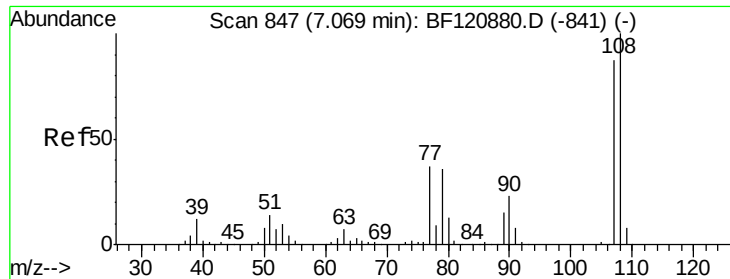
Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	45	Resp:	626637
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	34.3
79	10.8	0.0	31.0





#17

2-Methylphenol

Concen: 33.915 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

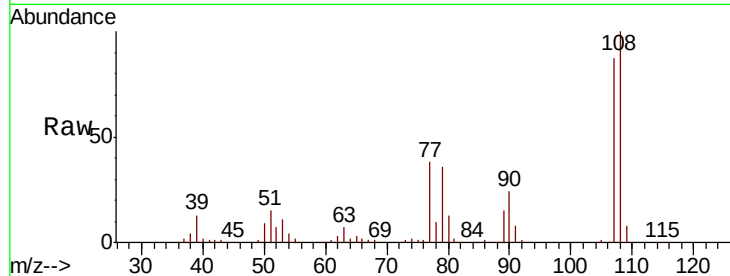
ClientSampleId :

PB130249BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.0	138.0
77	44.0	34.0	51.0
79	41.8	33.3	49.9

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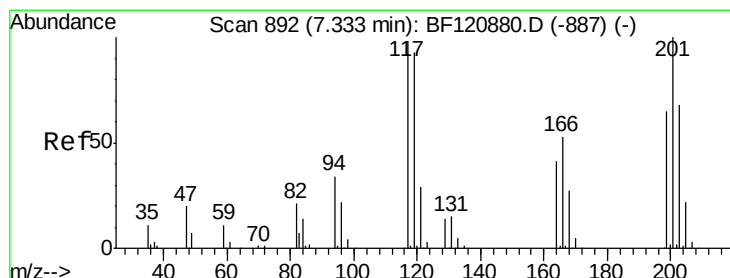
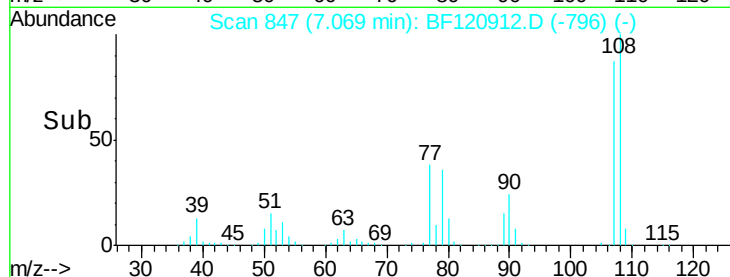
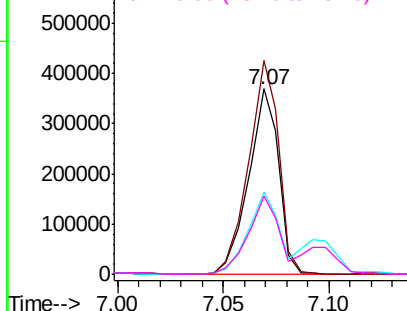
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.228 ng

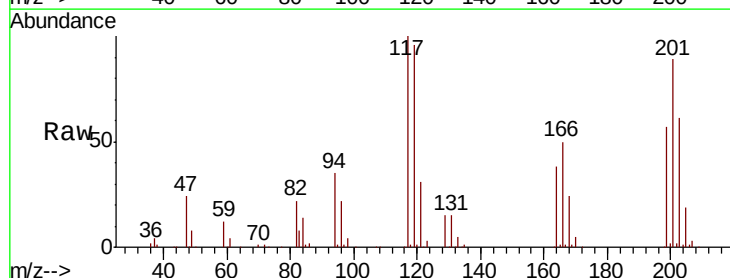
RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
201	89.1	81.7	122.5

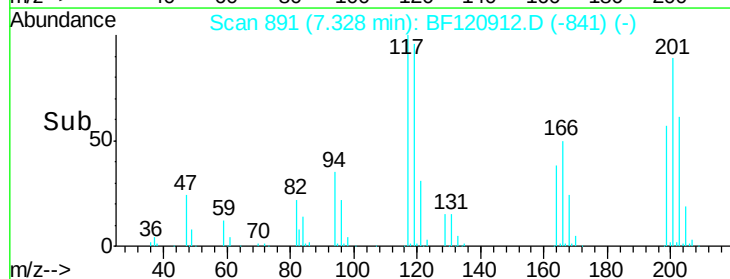
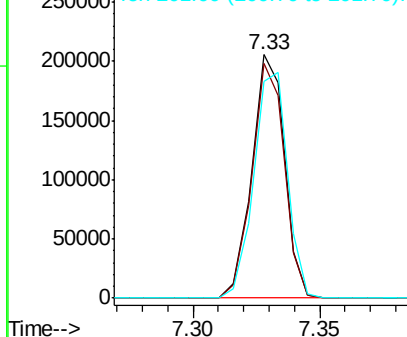


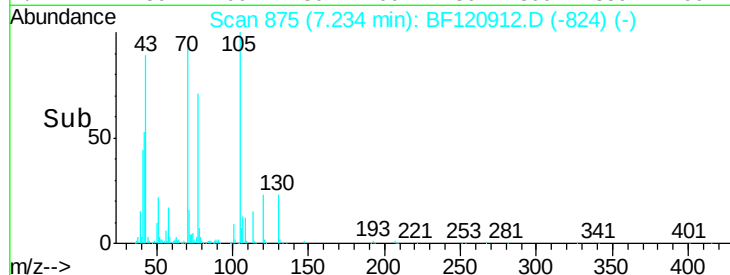
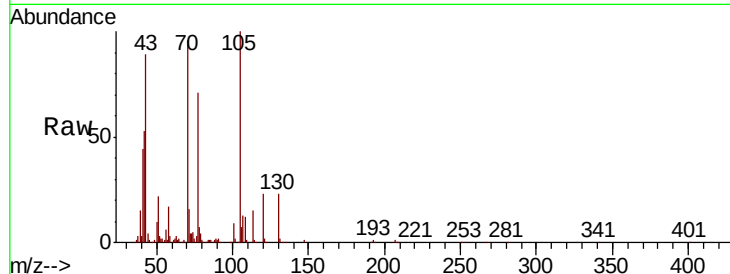
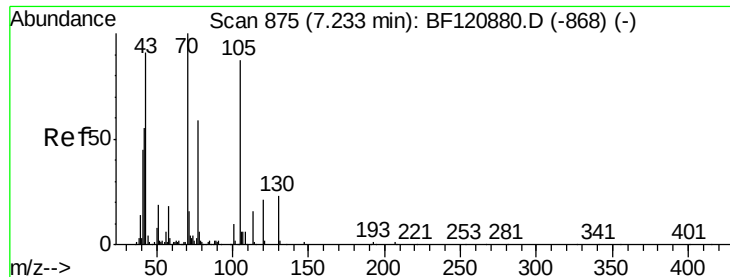
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





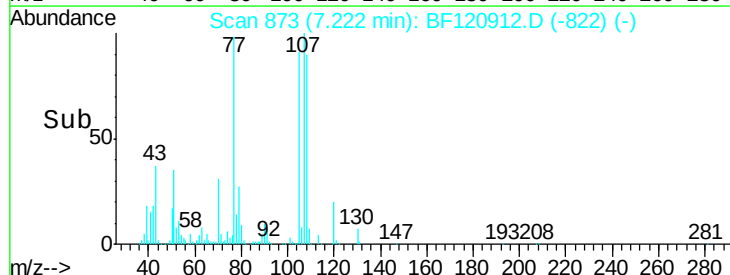
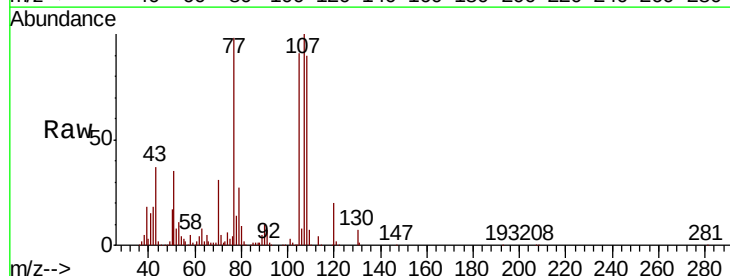
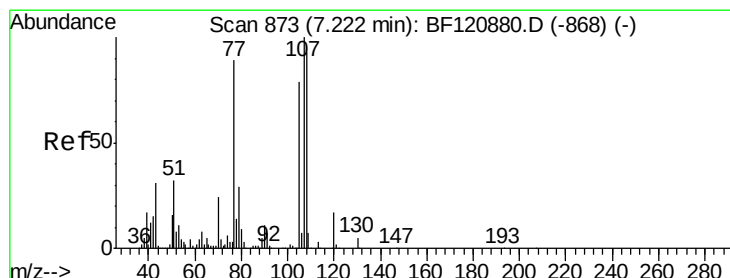
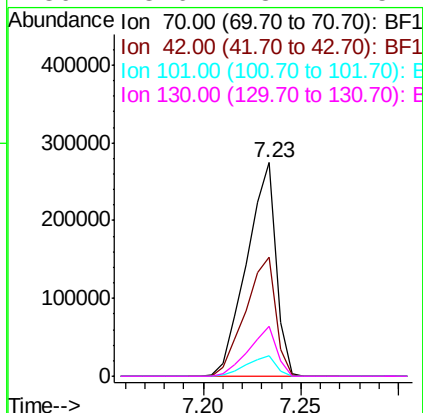
#19
n-Nitroso-di-n-propylamine
Concen: 35.524 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

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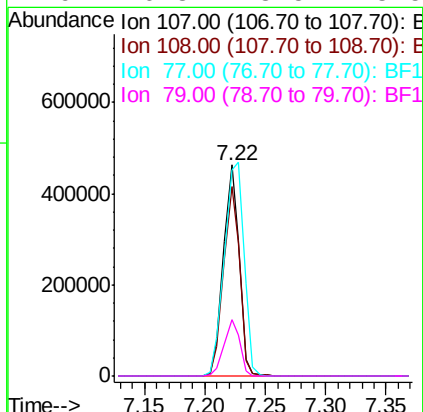
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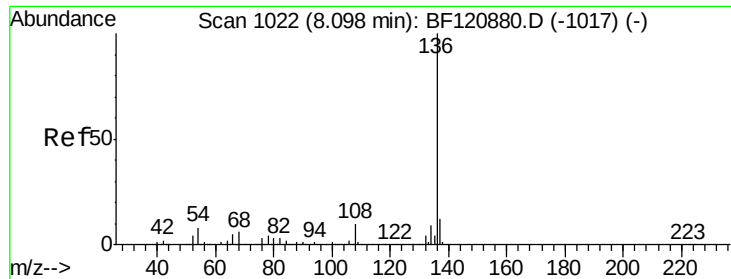
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	44.0	66.0	
101	9.6	7.8	11.6	
130	23.6	18.7	28.1	



#20
3+4-Methylphenols
Concen: 30.972 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	72.8	112.8	
77	97.8	68.7	108.7	
79	26.8	8.5	48.5	





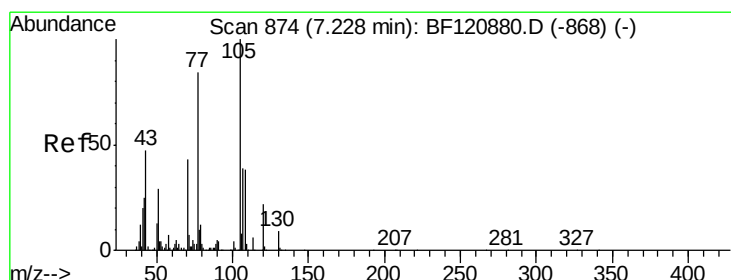
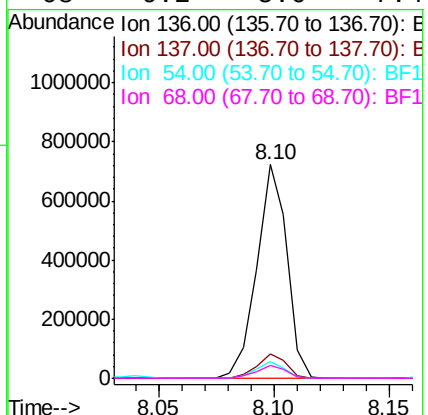
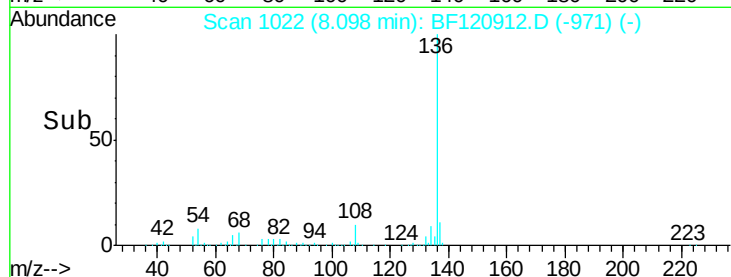
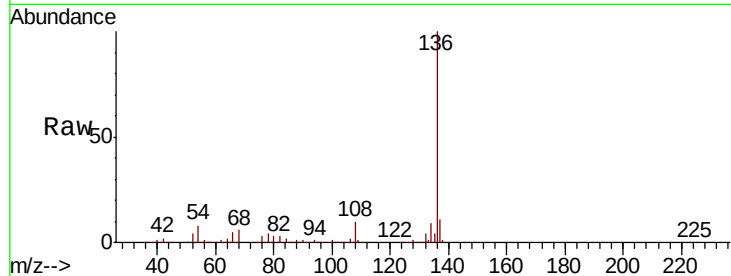
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		659116		
137	11.3		9.3	13.9	
54	7.7		6.3	9.5	
68	6.2		5.0	7.4	

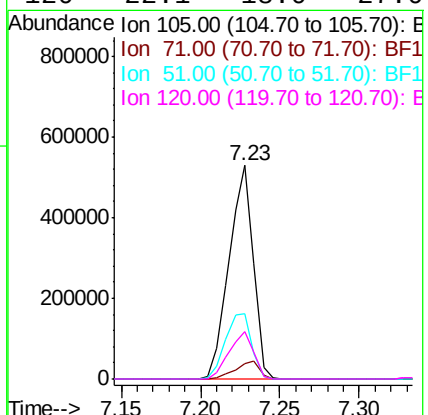
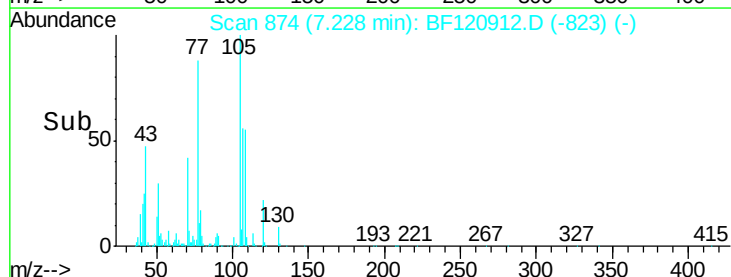
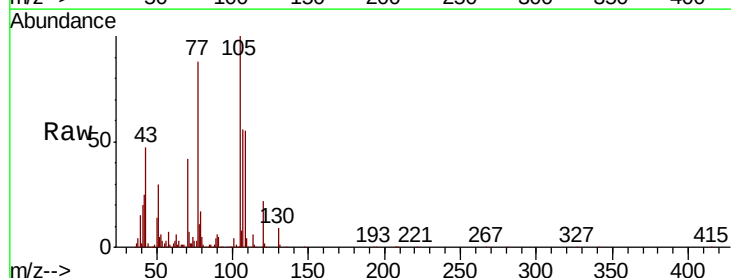
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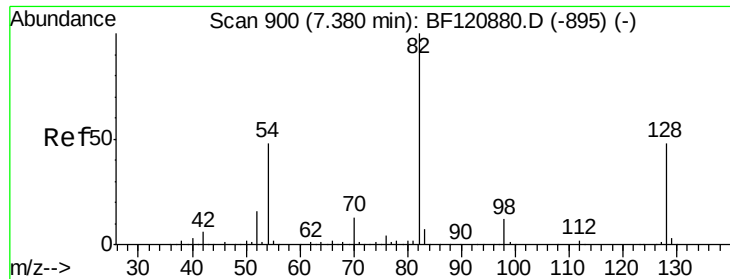
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#22
Acetophenone
Concen: 37.792 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		559039		
71	6.9		5.7	8.5	
51	30.4		22.9	34.3	
120	22.1		18.0	27.0	





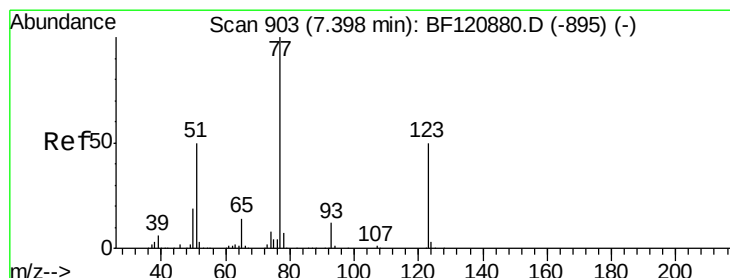
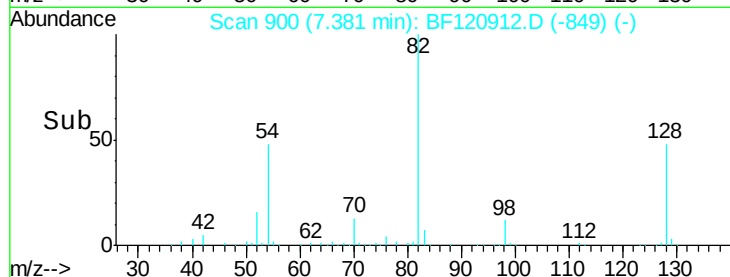
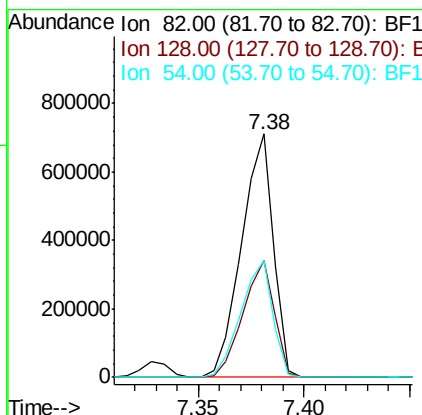
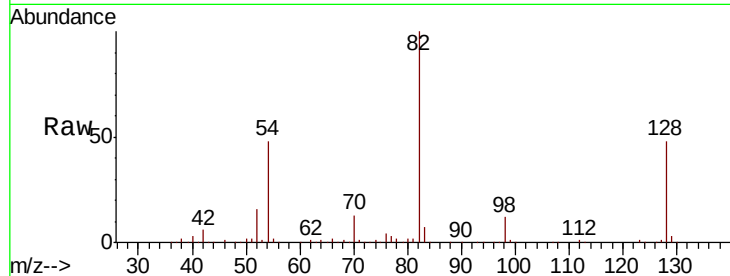
#23
 Nitrobenzene-d5
 Concen: 65.223 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleID :
 PB130249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	742956		
128	47.9		38.2	57.4
54	48.0		38.7	58.1

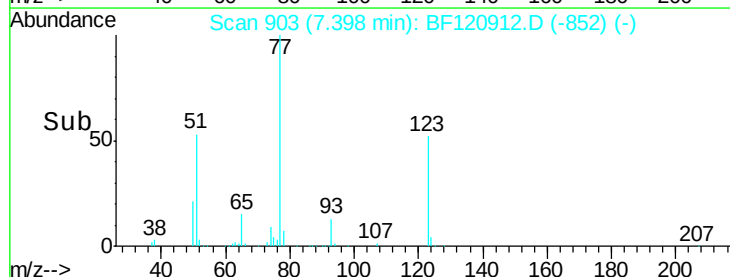
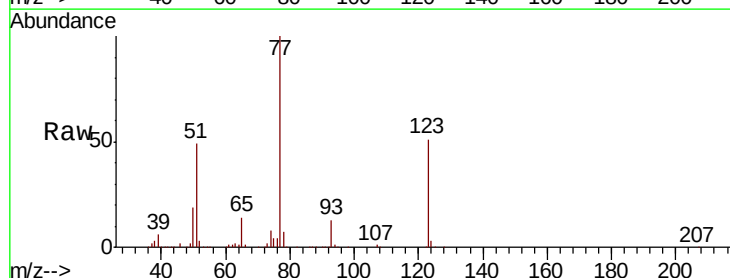
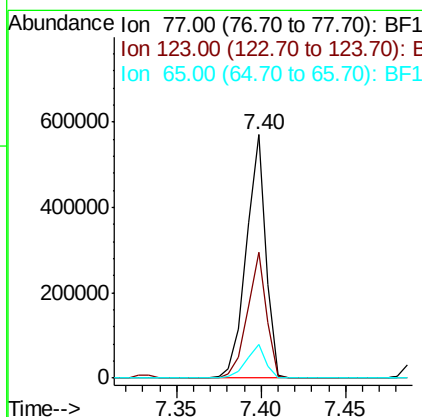
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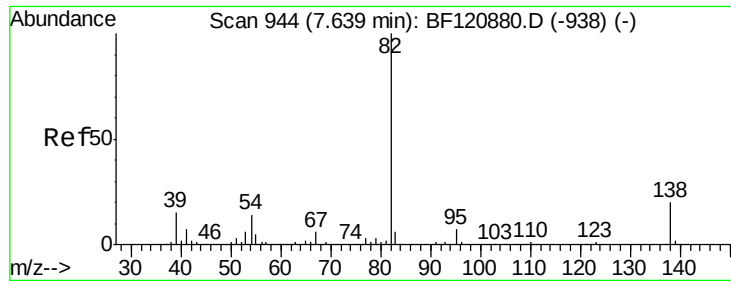
mohammad
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#24
 Nitrobenzene
 Concen: 37.644 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	462163		
123	51.4		40.1	60.1
65	13.6		10.8	16.2





#25

Isophorone

Concen: 36.169 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

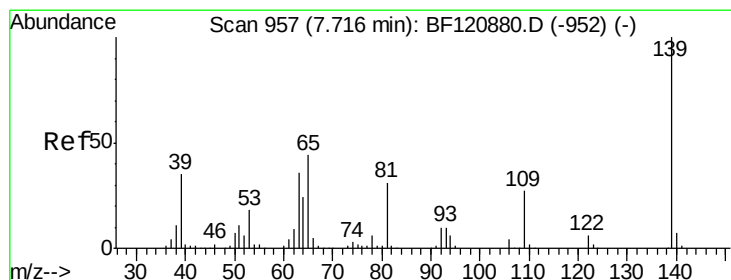
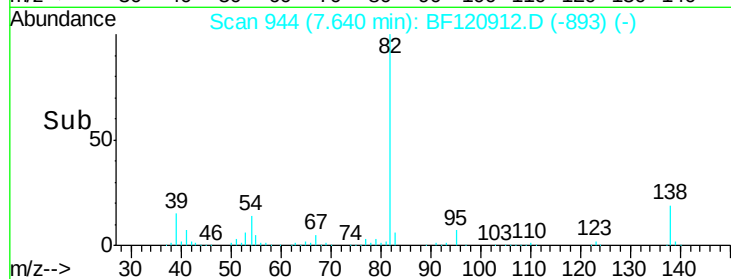
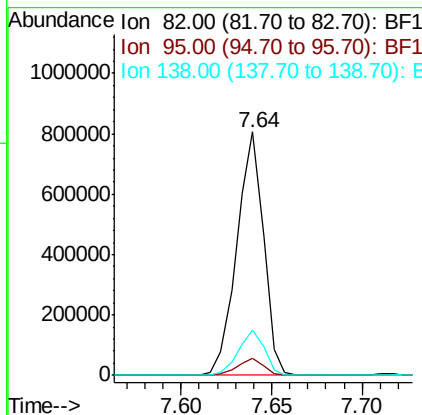
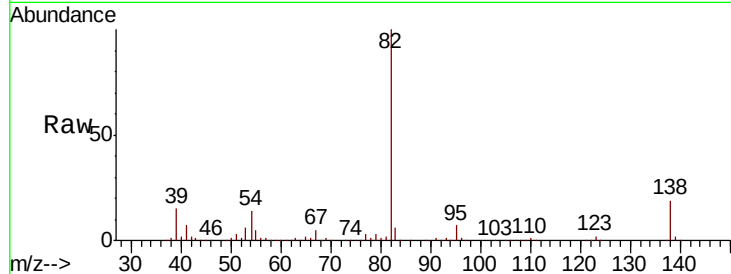
ClientSampled :

PB130249BS

Tot Ion:	82	Resp:	822250
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	18.7	15.6	23.4

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#26

2-Nitrophenol

Concen: 41.252 ng

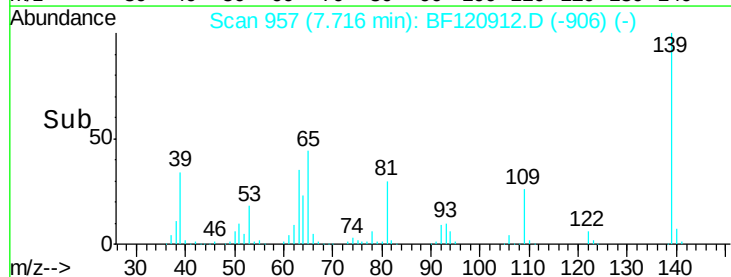
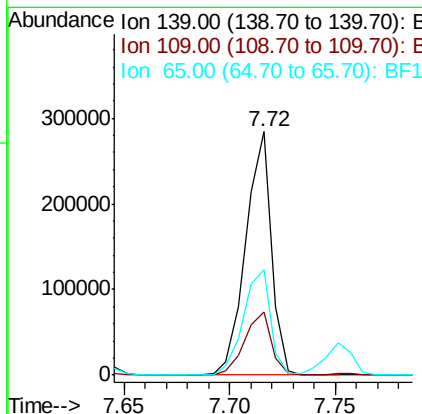
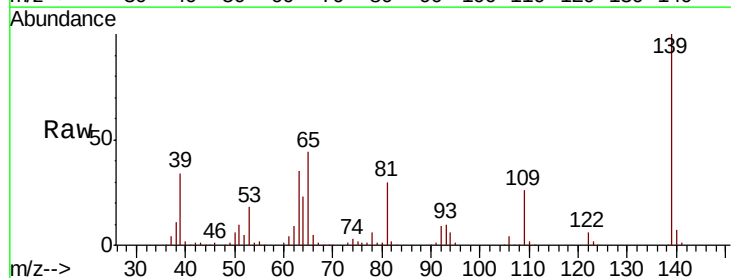
RT: 7.72 min Scan# 957

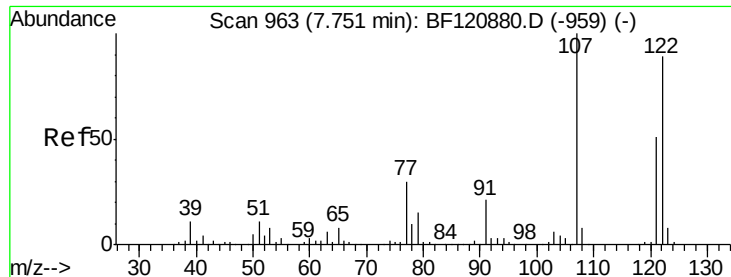
Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	139	Resp:	240534
Ion Ratio	Lower	Upper	
139	100		
109	26.0	21.6	32.4
65	43.5	35.3	52.9





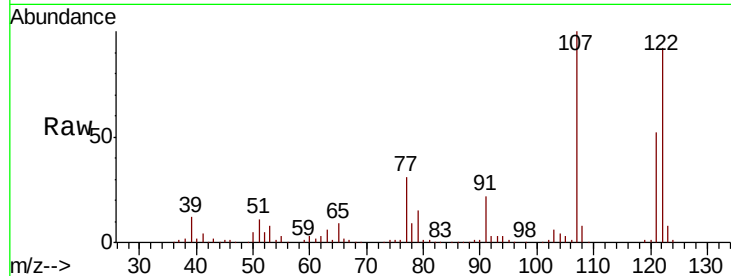
#27
2,4-Dimethylphenol
Concen: 39.713 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

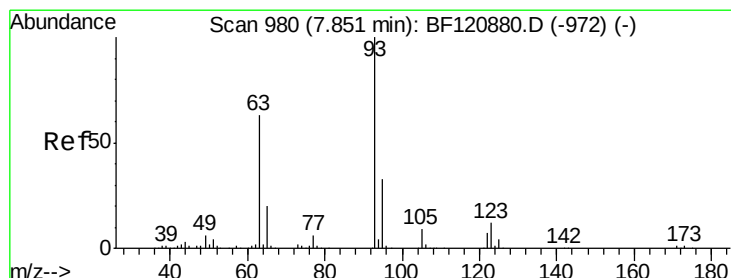
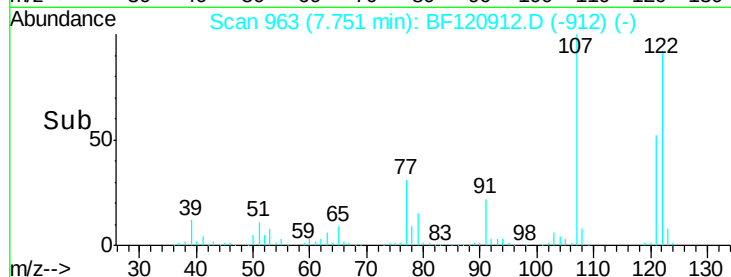
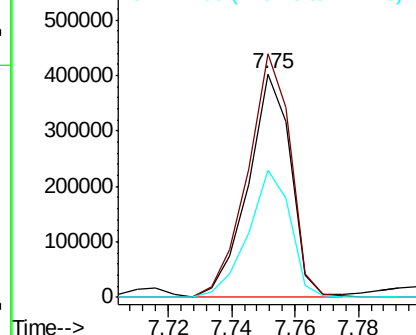
Tot Ion	Ratio	Resp	Lower	Upper
122	100	375960		
107	109.1	89.4	134.0	
121	56.9	46.0	69.0	

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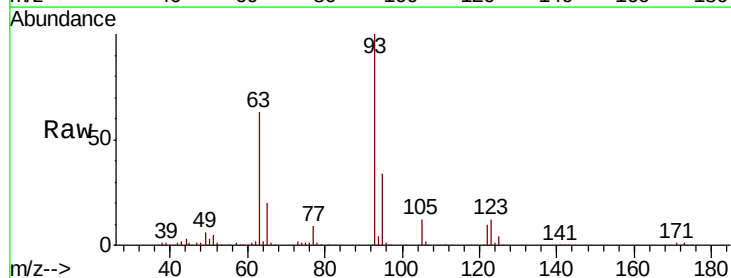


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

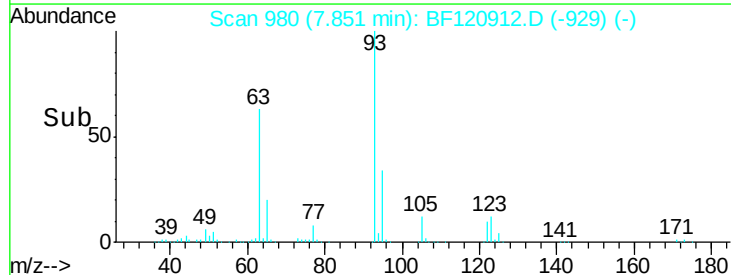
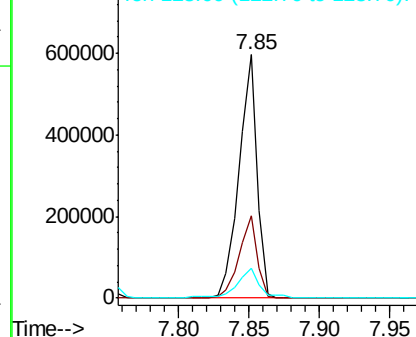


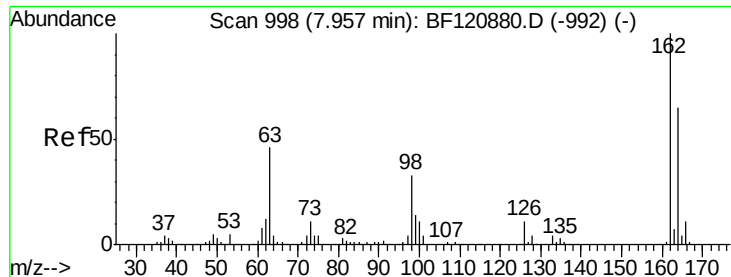
#28
bis(2-Chloroethoxy)methane
Concen: 38.226 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	530471		
95	33.7	26.6	39.8	
123	12.1	10.0	15.0	



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





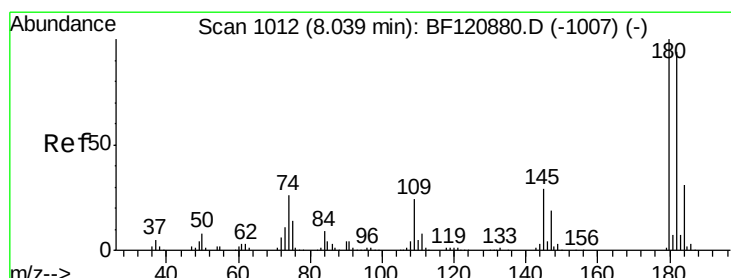
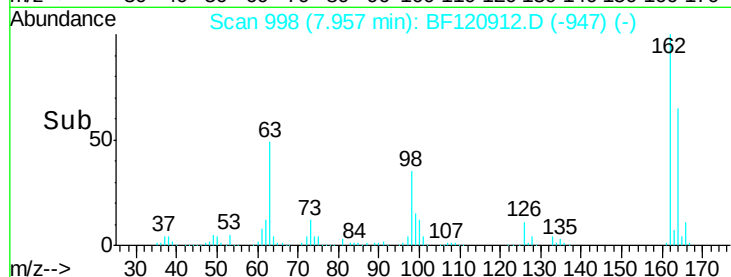
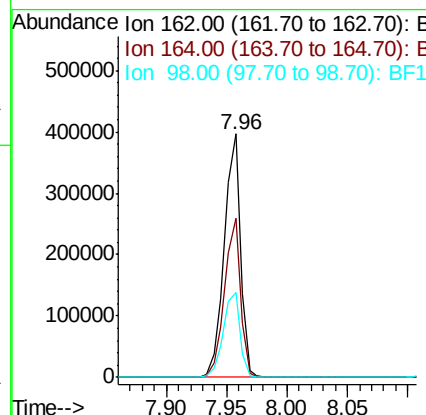
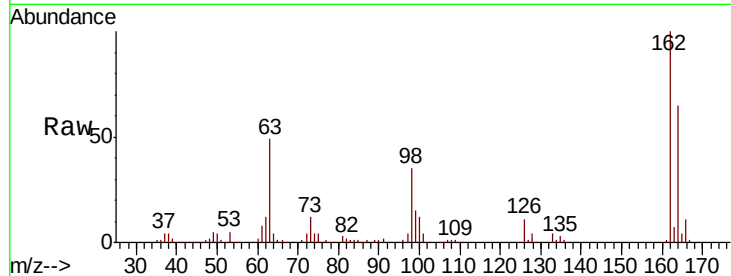
#29
2,4-Dichlorophenol
Concen: 38.093 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampled :
PB130249BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	45.3	85.3
98	34.8	13.3	53.3

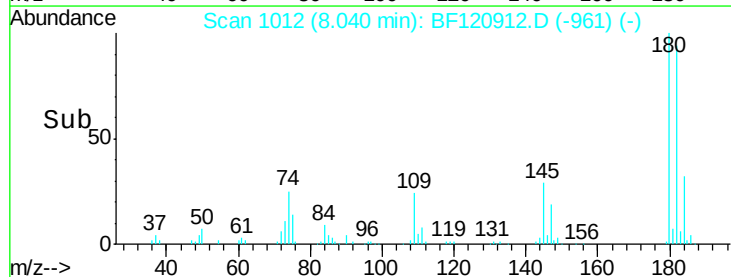
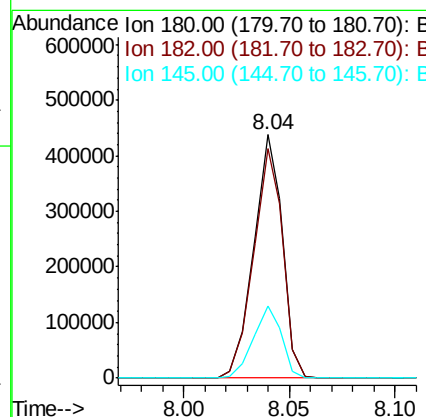
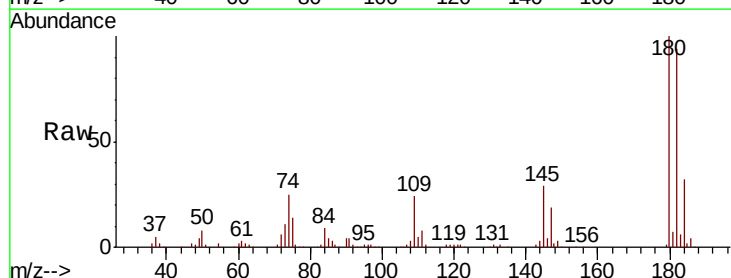
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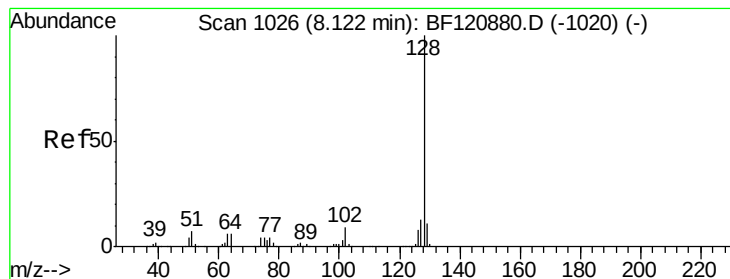
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#30
1,2,4-Trichlorobenzene
Concen: 38.374 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	75.0	112.6
145	29.5	23.5	35.3





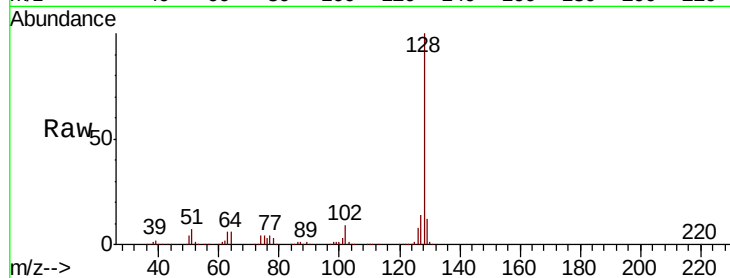
#31
Naphthalene
Concen: 37.465 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.5	10.7	16.1

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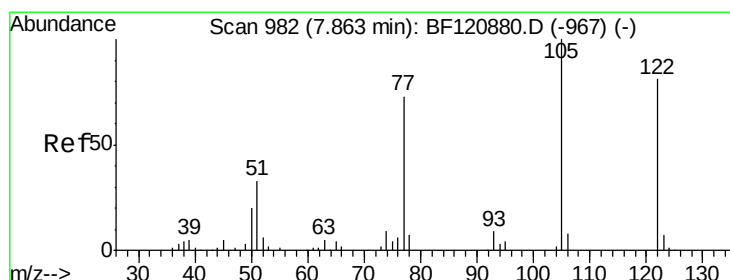
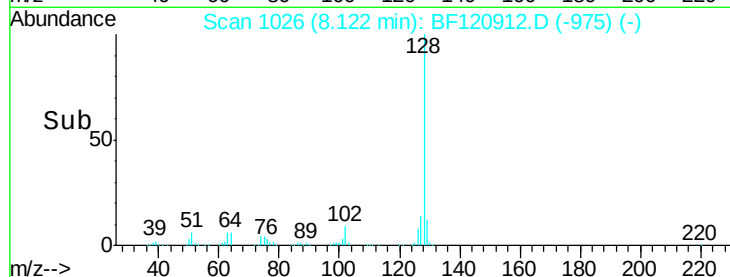
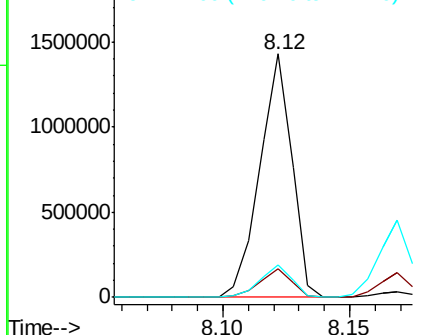


Abundance

Ion 128.00 (127.70 to 128.70): E

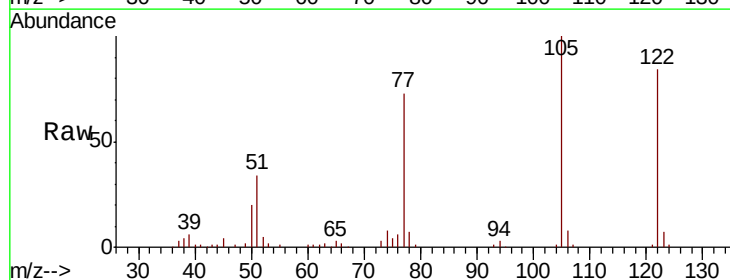
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.087 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	101.3	141.3
77	86.9	69.1	109.1

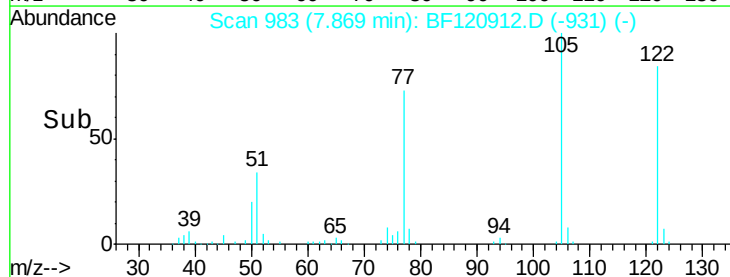
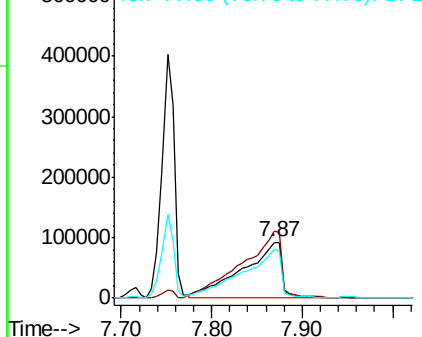


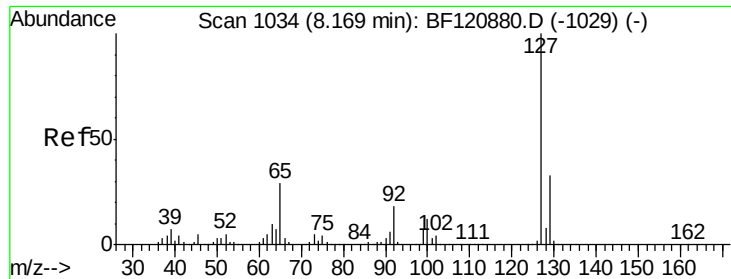
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





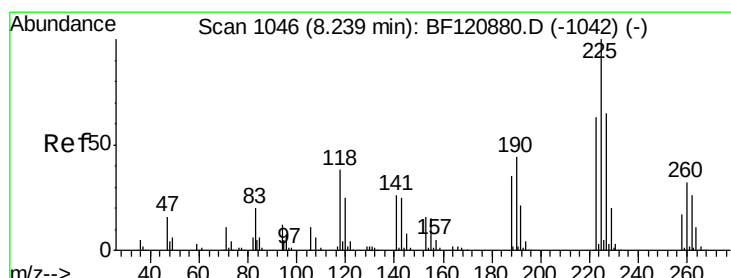
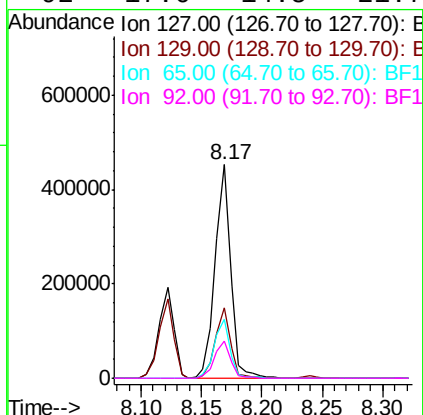
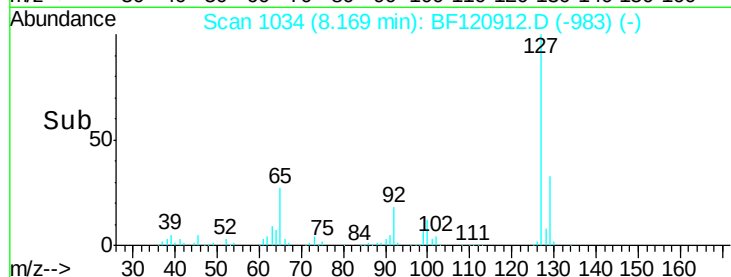
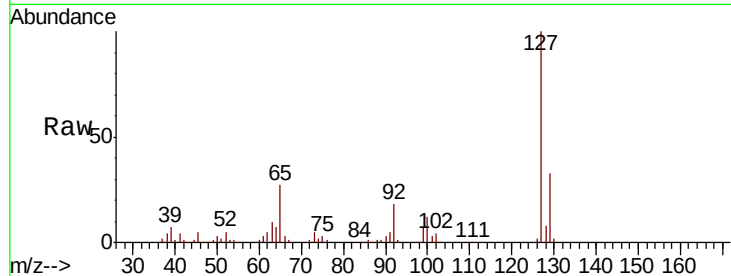
#33
4-Chloroaniline
Concen: 26.675 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	402315		
129	32.7	26.5	39.7	
65	27.4	23.0	34.4	
92	17.6	14.5	21.7	

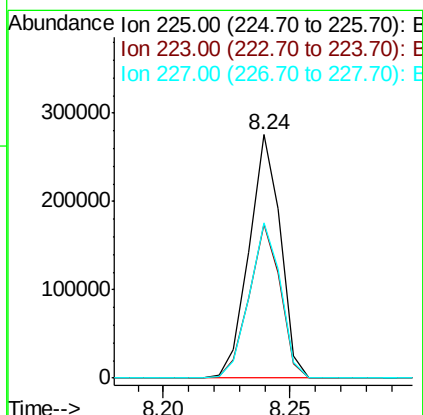
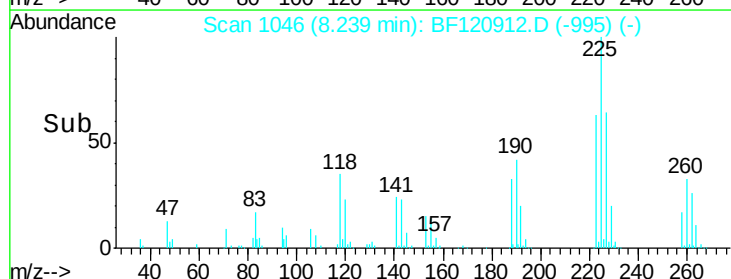
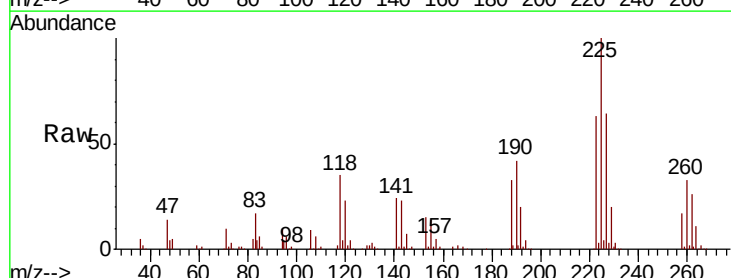
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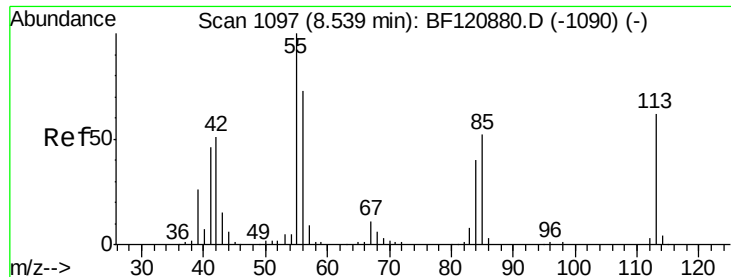
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#34
Hexachlorobutadiene
Concen: 37.487 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	237181		
223	63.4	50.6	76.0	
227	63.8	52.2	78.2	





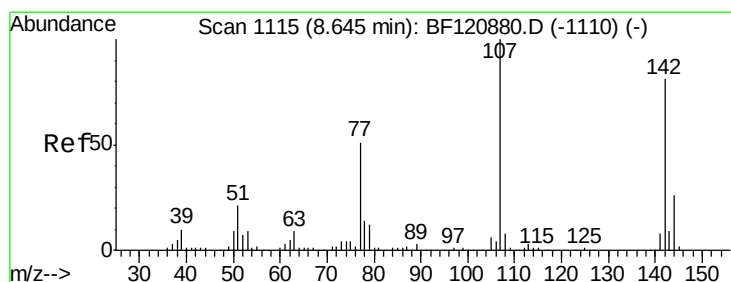
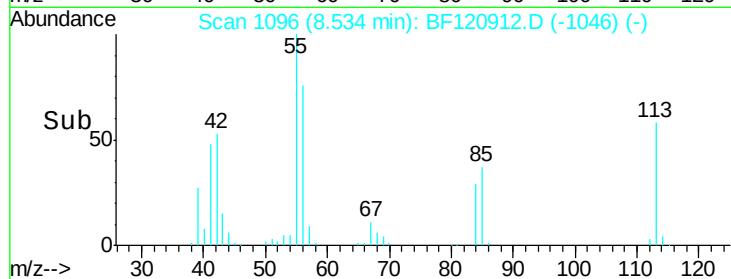
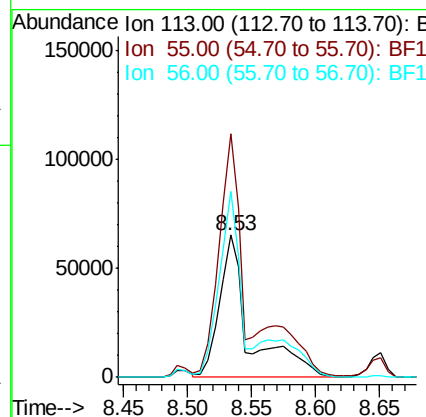
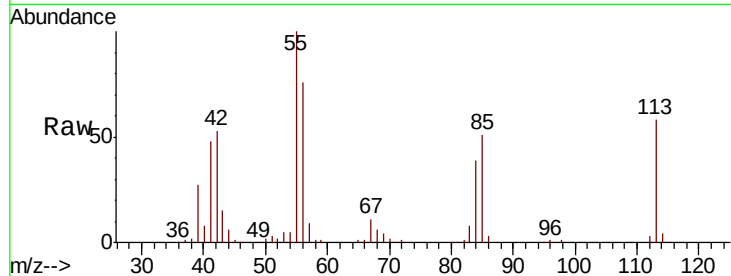
#35
 Caprolactam
 Concen: 34.386 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleID :
 PB130249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.6	143.3	183.3		
56	130.7	99.4	139.4		

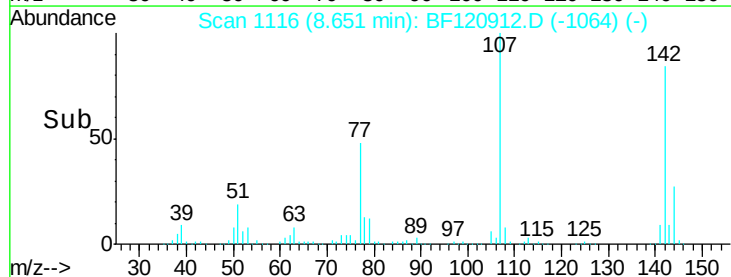
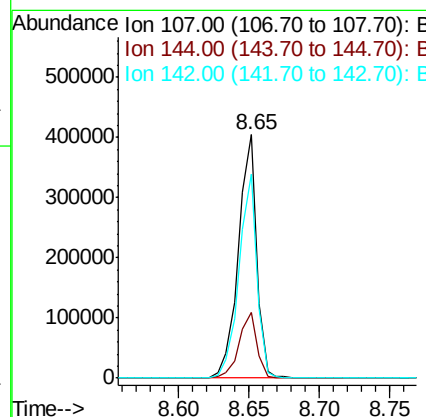
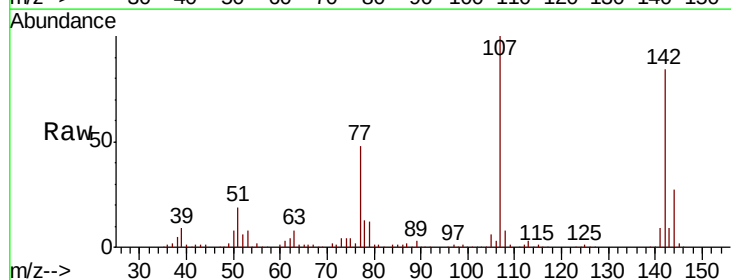
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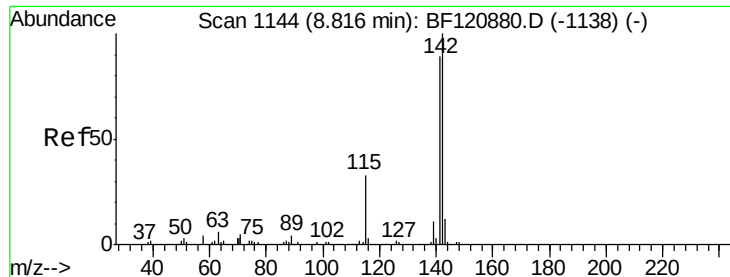
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#36
 4-Chloro-3-methylphenol
 Concen: 36.814 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.9	21.0	31.6		
142	83.8	65.0	97.6		





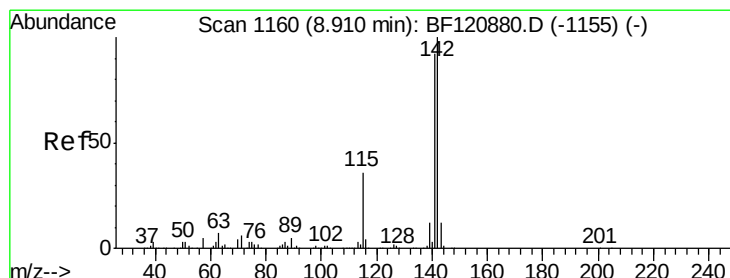
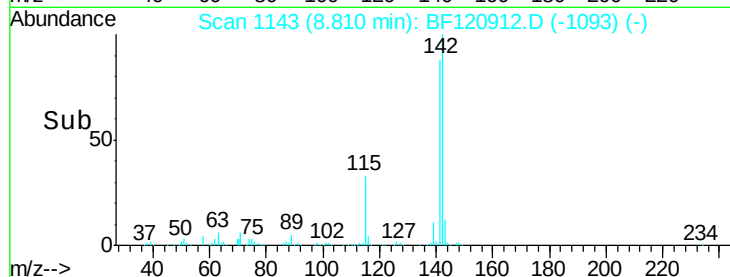
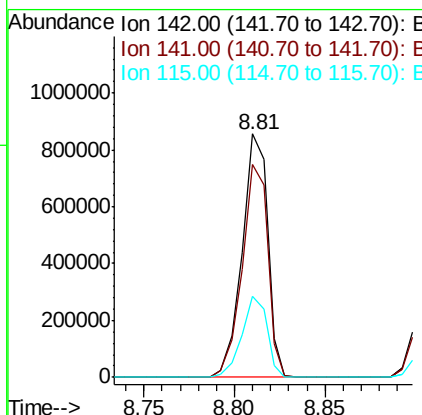
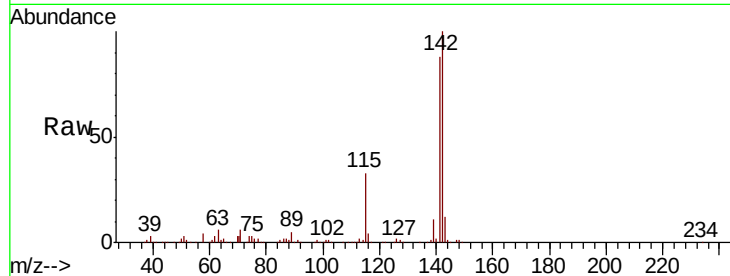
#37
2-Methylnaphthalene
Concen: 38.238 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.4
115	33.4	26.0	39.0

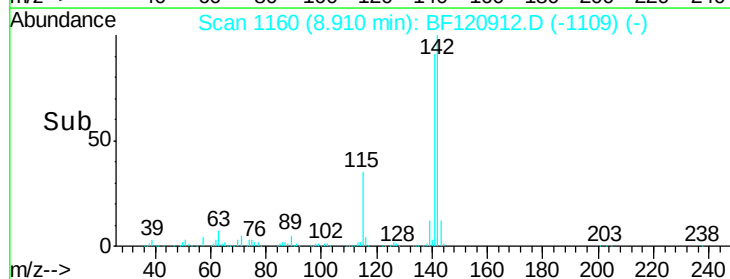
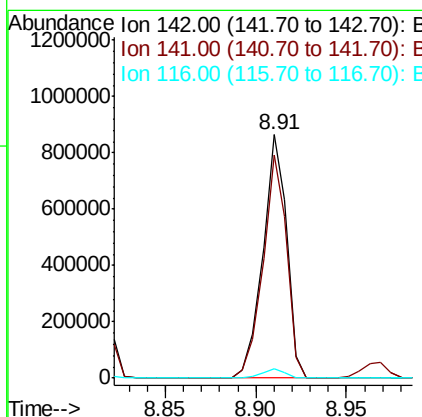
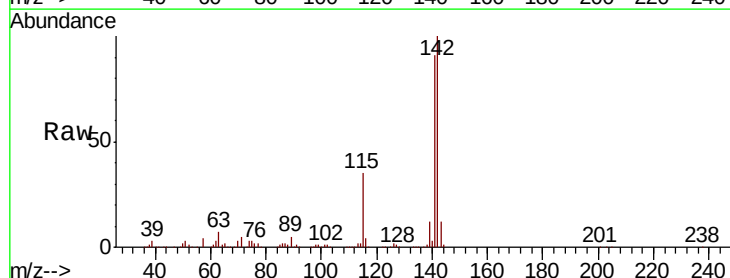
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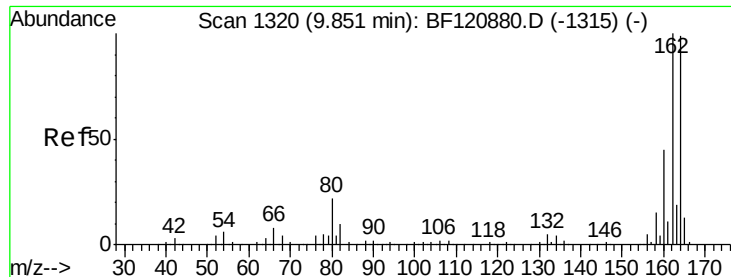
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#38
1-Methylnaphthalene
Concen: 37.989 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	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: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

ClientSampleId :

PB130249BS

Tot Ion:164 Resp: 320187

Ion Ratio Lower Upper

164 100

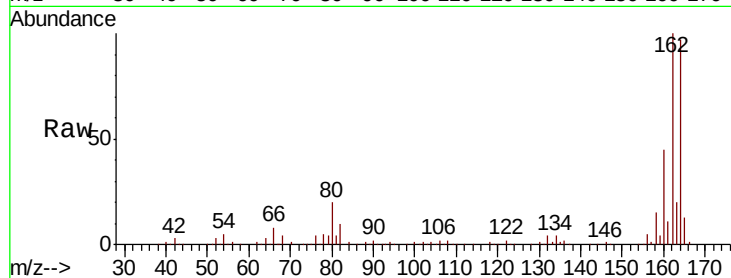
162 103.1 81.2 121.8

160 46.1 36.9 55.3

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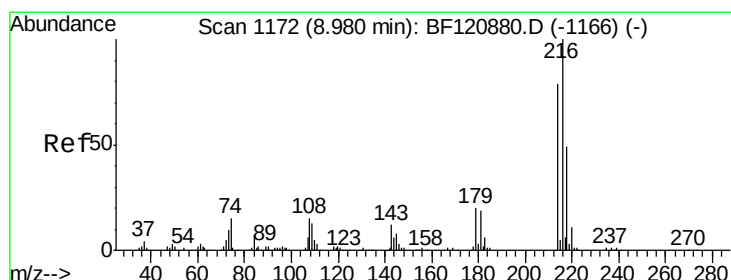
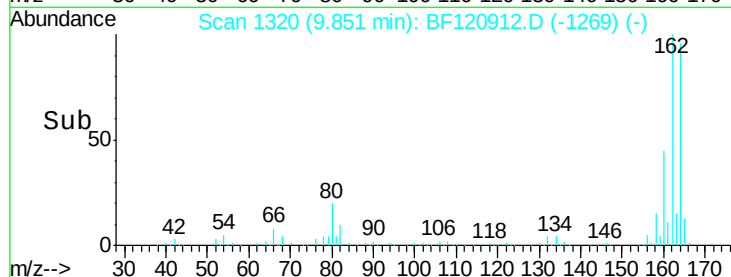
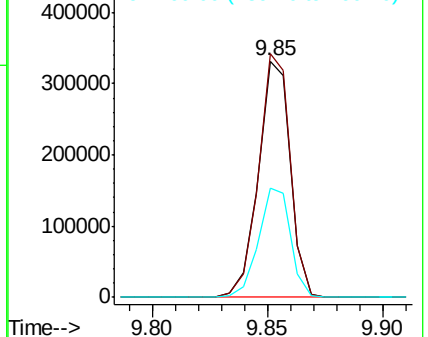


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.782 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:216 Resp: 361792

Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 20.4 16.6 24.8

108 20.6 15.4 23.0

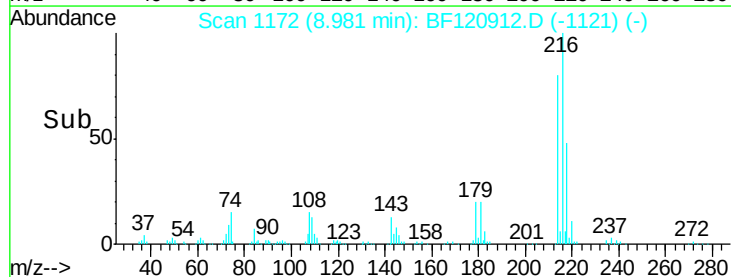
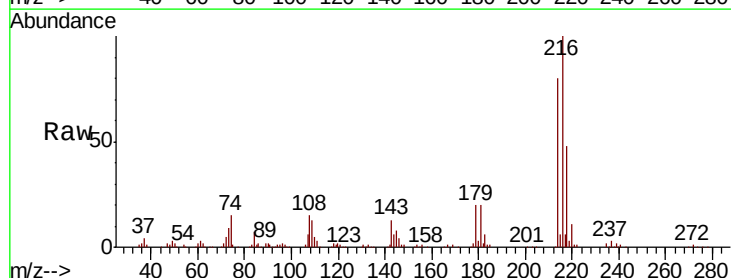
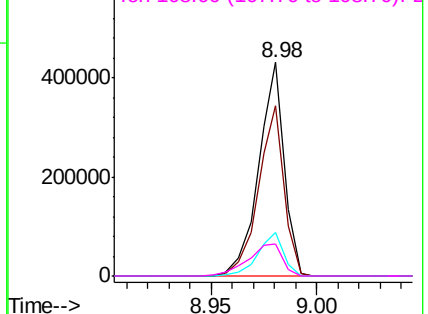
Abundance

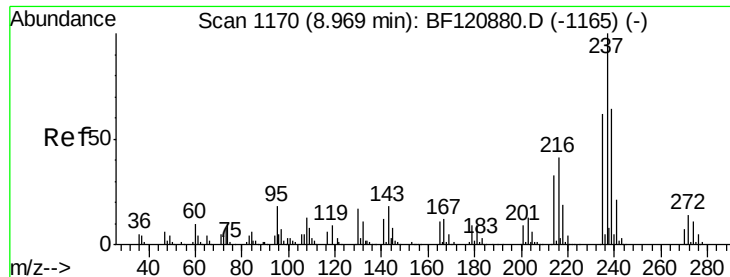
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.921 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

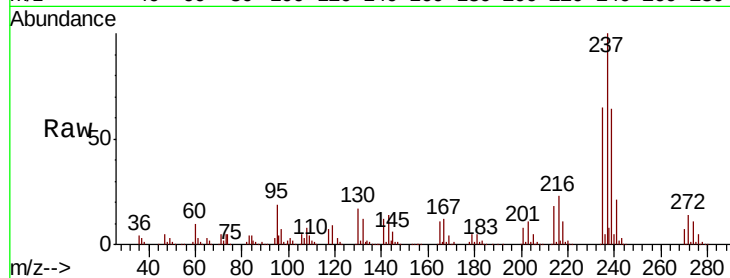
ClientSampleId :

PB130249BS

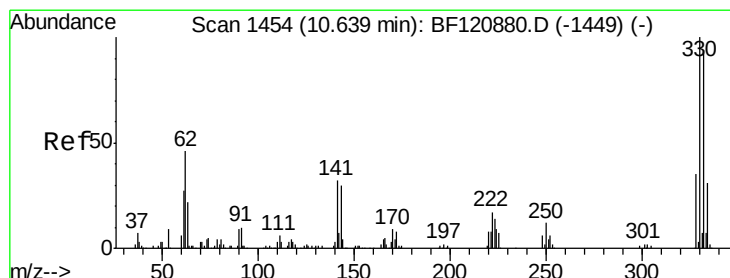
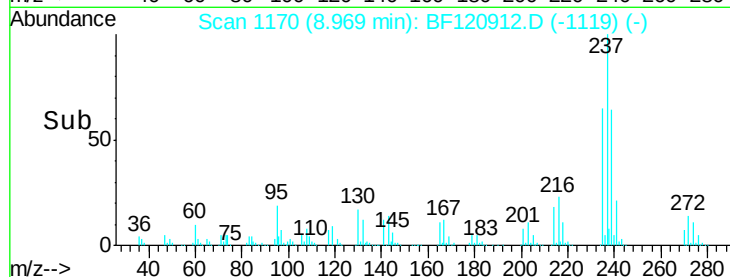
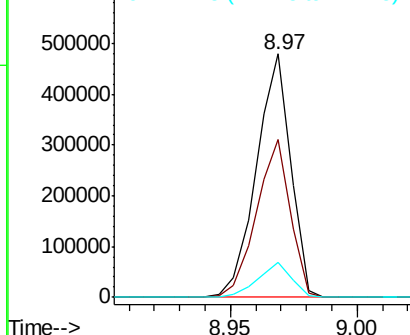
Tot Ion:	237	Resp:	448152
Ion Ratio	Lower	Upper	
237	100		
235	64.6	41.6	81.6
272	14.4	0.0	33.7

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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: 91.739 ng

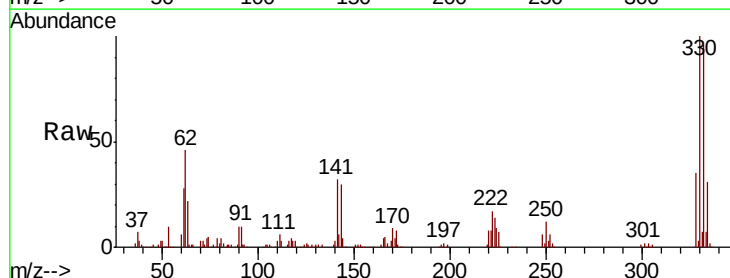
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

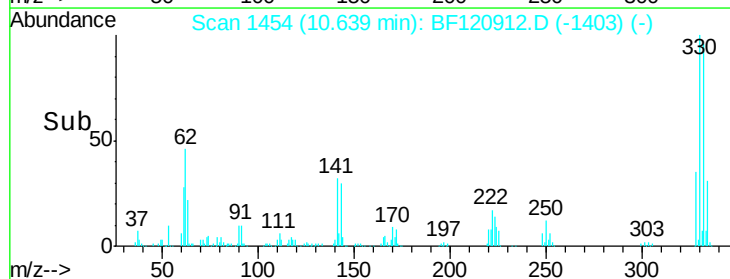
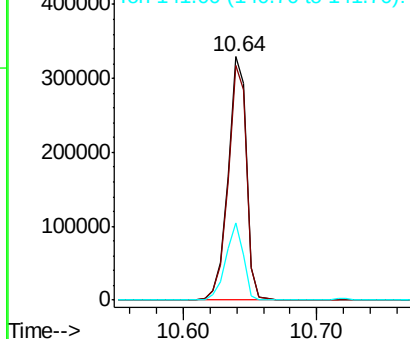
Lab File: BF120912.D

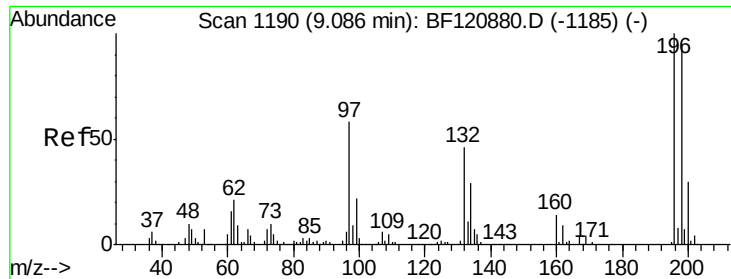
Acq: 17 Jul 2020 9:53

Tgt Ion:	330	Resp:	321523
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.5	113.3
141	30.6	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





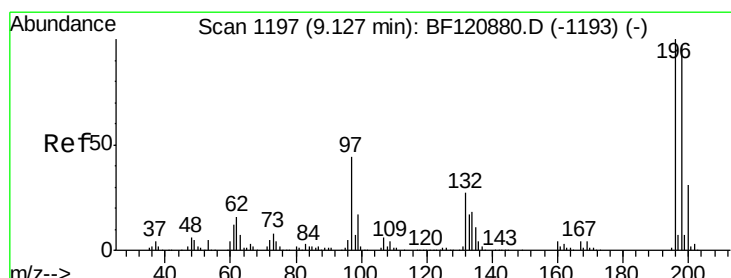
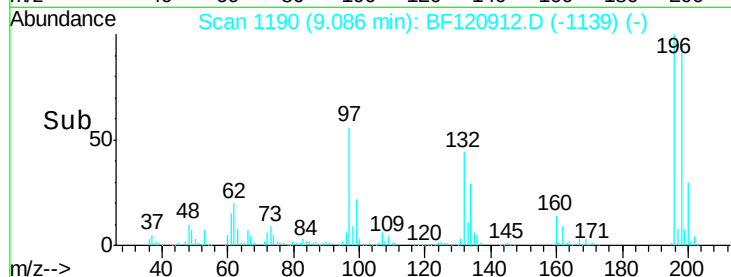
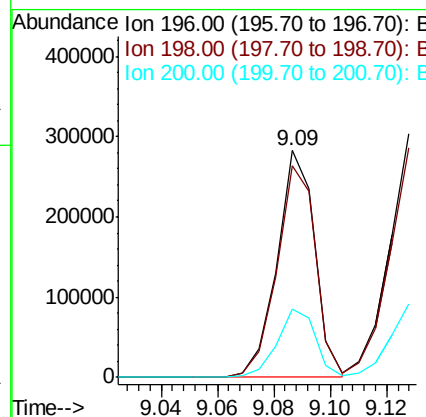
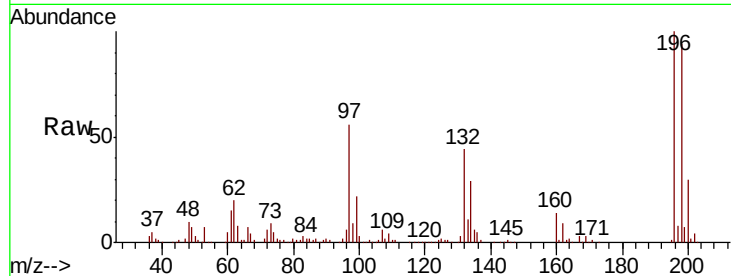
#43
 2,4,6-Trichlorophenol
 Concen: 39.755 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261124		
198	93.5	75.7	113.5	
200	30.0	24.4	36.6	

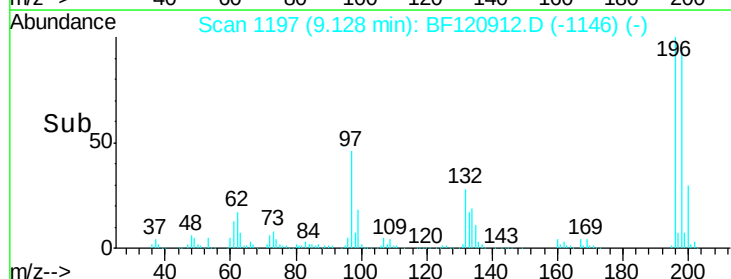
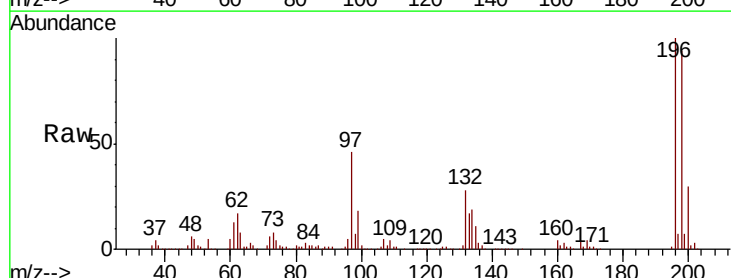
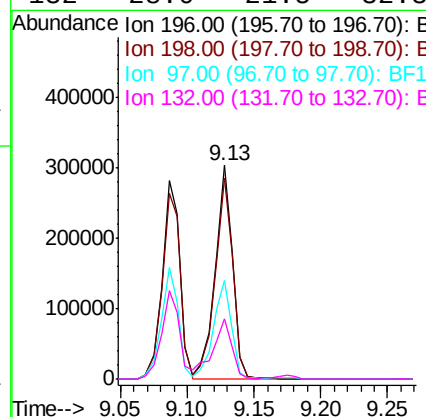
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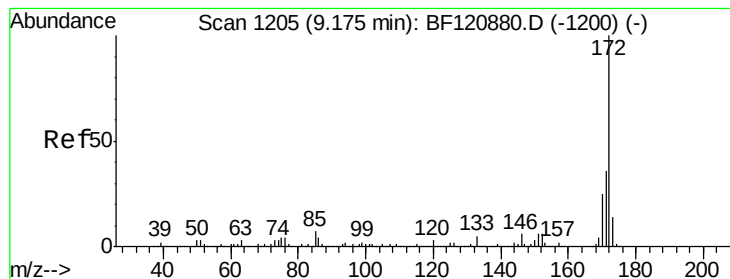
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.585 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280034		
198	94.2	77.6	116.4	
97	46.1	35.6	53.4	
132	28.0	21.5	32.3	





#45

2-Fluorobiphenyl

Concen: 62.811 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

ClientSampleId :

PB130249BS

Tot Ion:172 Resp: 1346992

Ion Ratio Lower Upper

172 100

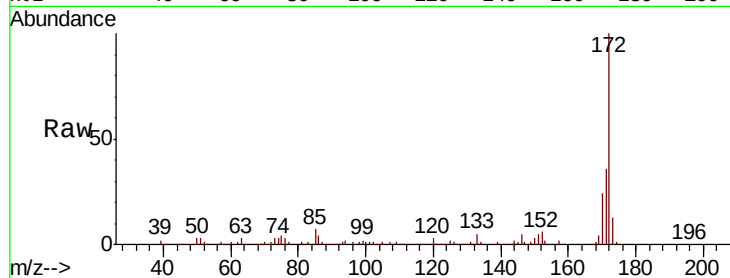
171 35.8 29.0 43.4

170 24.4 19.6 29.4

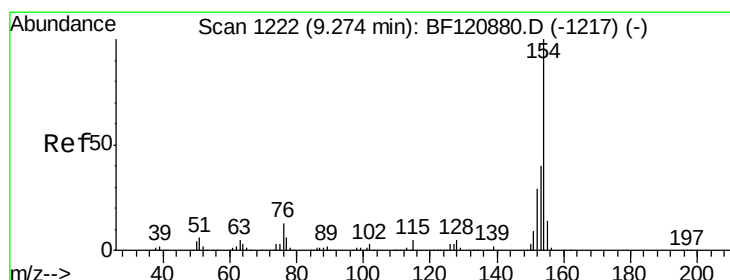
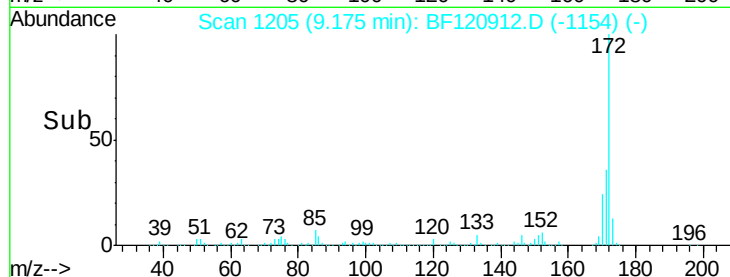
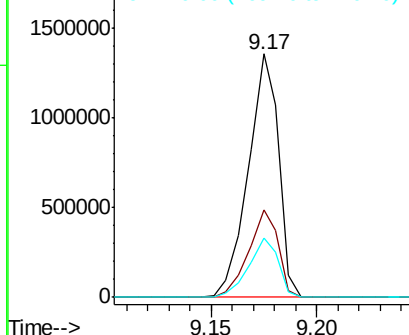
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.821 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

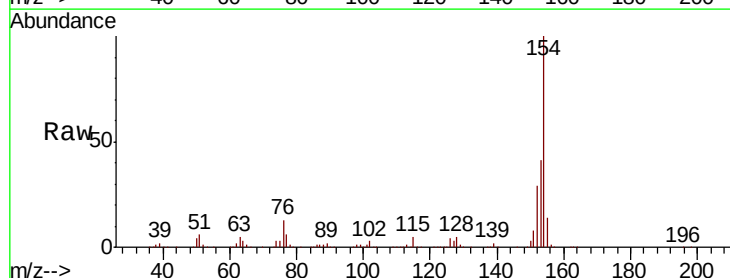
Tgt Ion:154 Resp: 972583

Ion Ratio Lower Upper

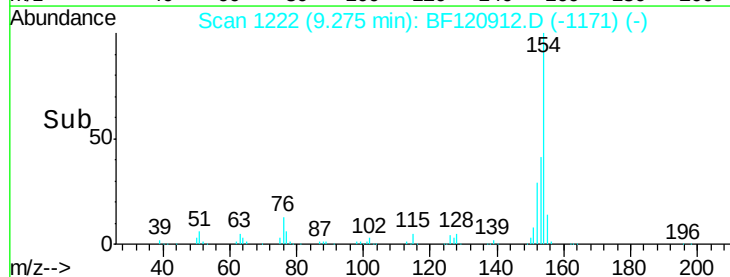
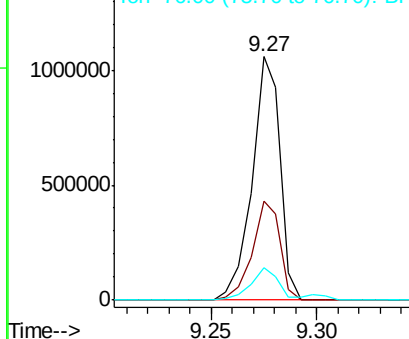
154 100

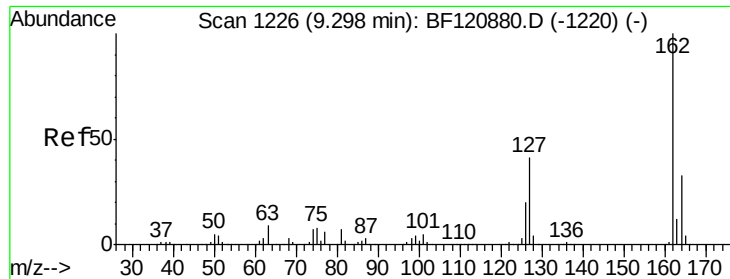
153 40.7 20.4 60.4

76 13.1 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





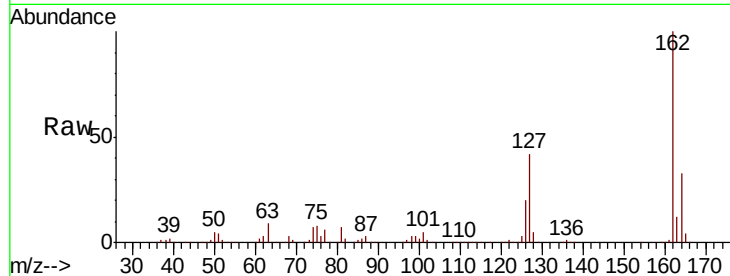
#47
 2-Chloronaphthalene
 Concen: 38.282 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

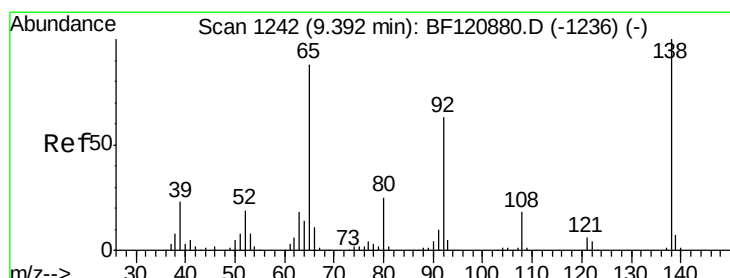
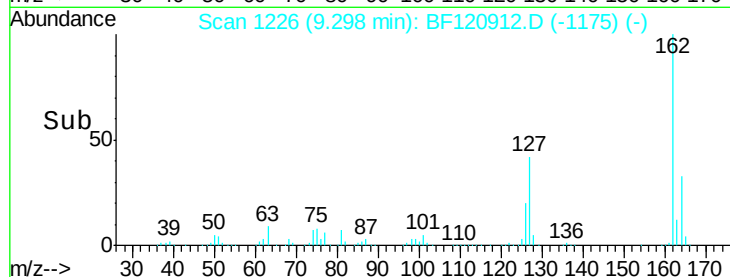
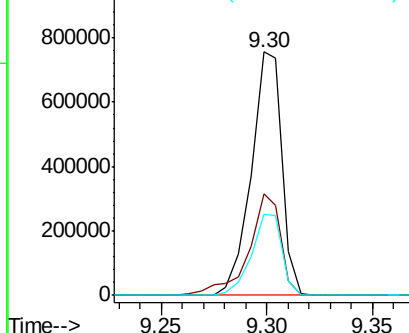
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.6		33.3	49.9	
164	33.3		26.6	39.8	

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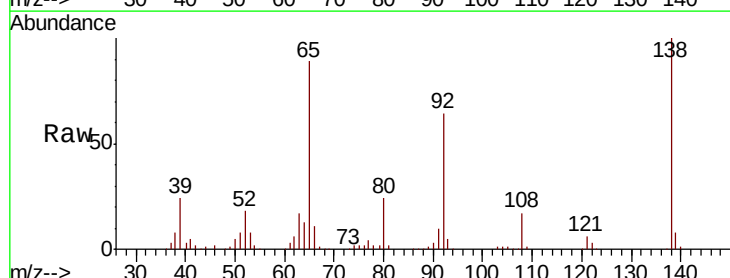


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

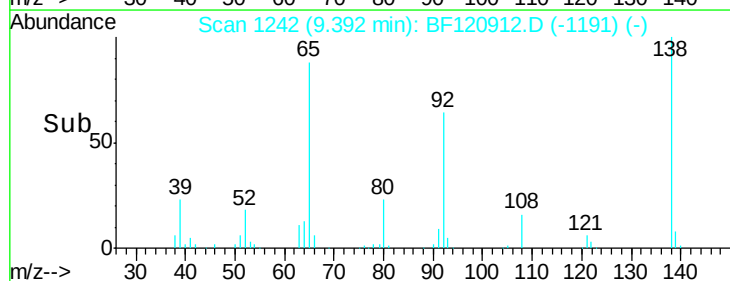
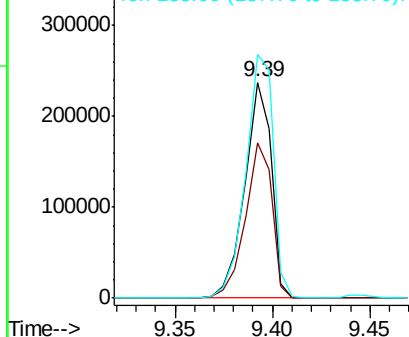


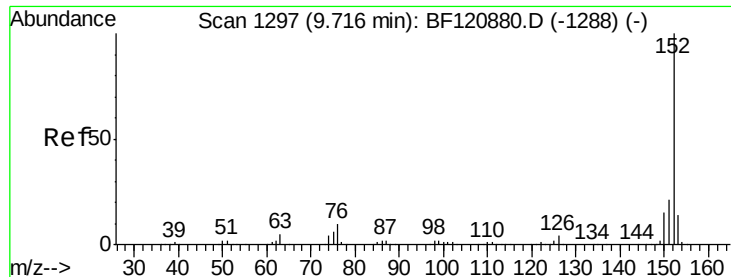
#48
 2-Nitroaniline
 Concen: 37.474 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	72.3		57.0	85.4	
138	112.9		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: 37.860 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

ClientSampleId :

PB130249BS

Tot Ion:152 Resp: 1171213

Ion Ratio Lower Upper

152 100

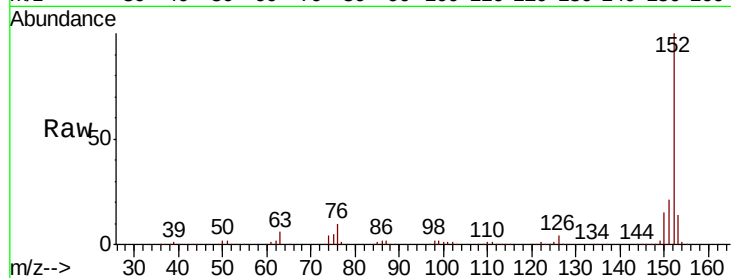
151 20.9 16.6 25.0

153 13.9 10.9 16.3

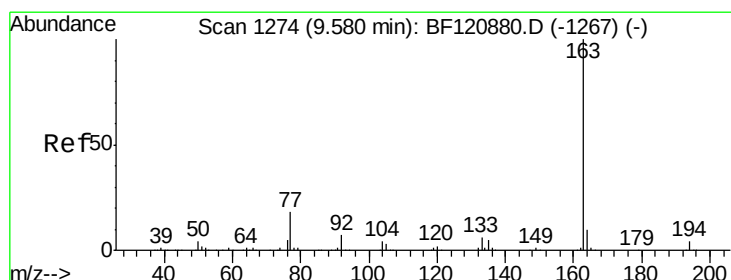
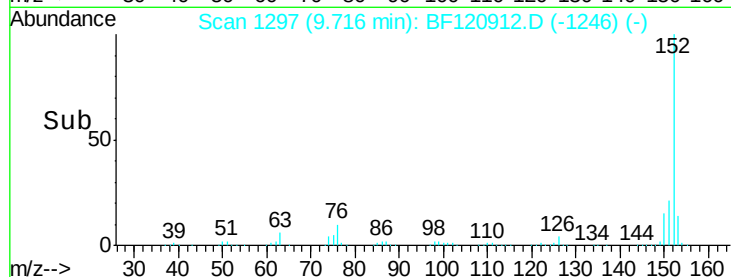
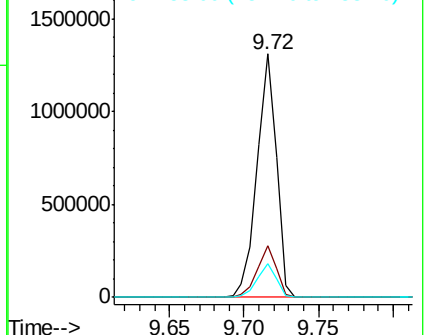
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.822 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

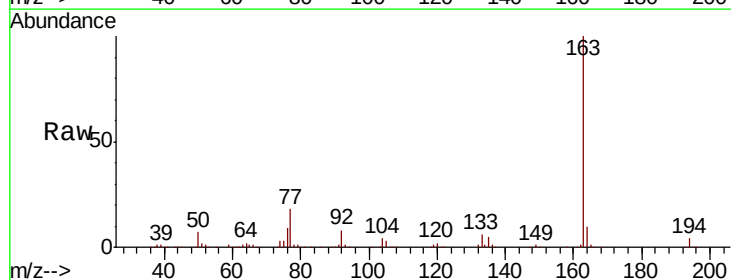
Tgt Ion:163 Resp: 850566

Ion Ratio Lower Upper

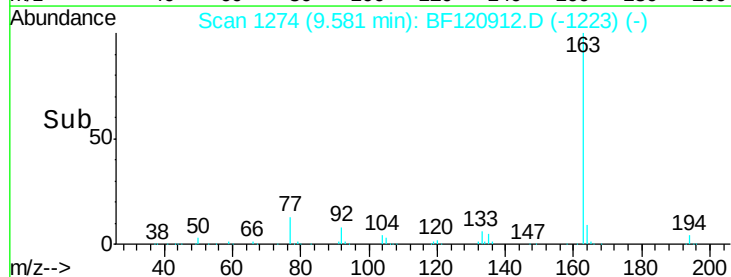
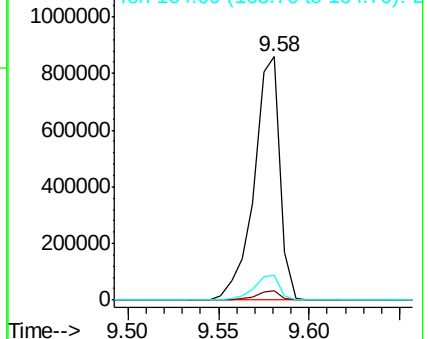
163 100

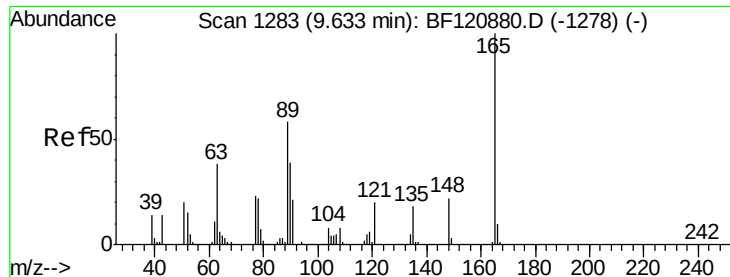
194 4.0 3.2 4.8

164 10.1 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 38.808 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

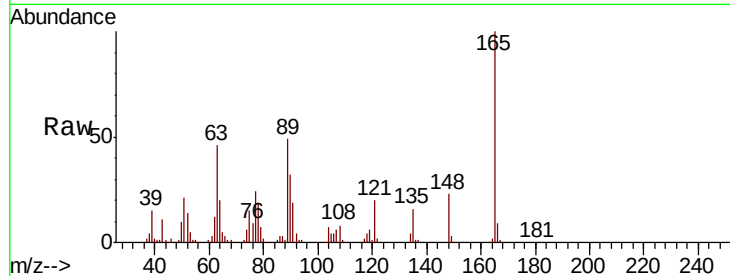
ClientSampleId :

PB130249BS

Tot Ion:	165	Resp:	192594
Ion Ratio	Lower	Upper	
165	100		
63	45.7	45.4	68.2
89	48.8	47.0	70.4

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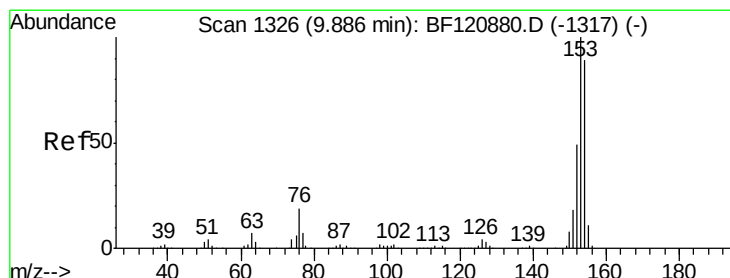
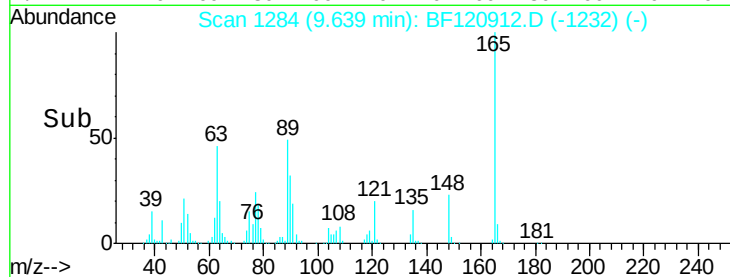
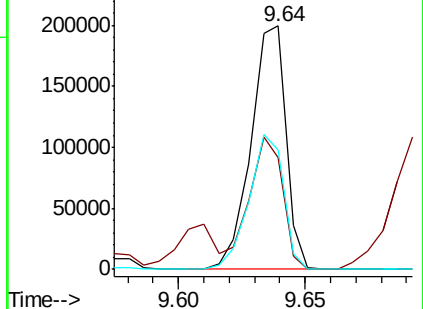
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.392 ng

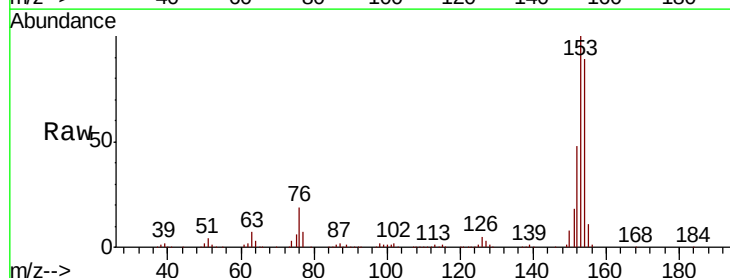
RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

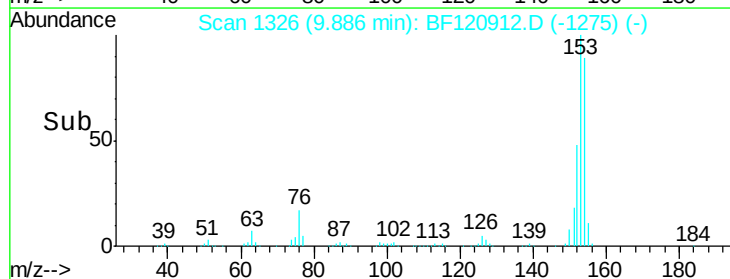
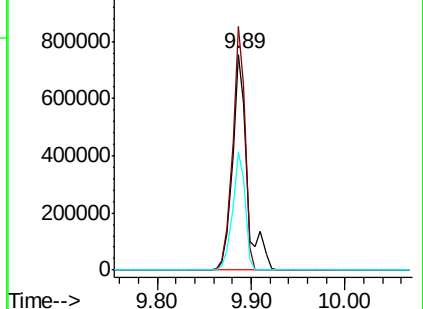
Tgt Ion:	154	Resp:	814092
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.5	134.3
152	54.5	44.2	66.2

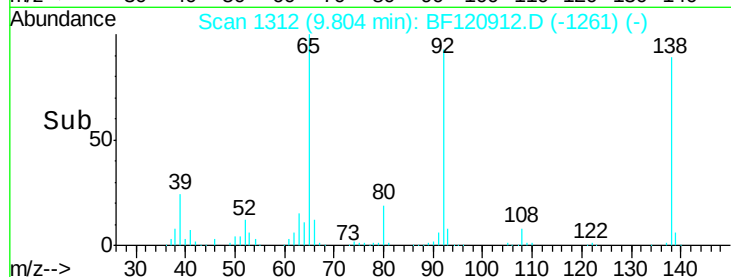
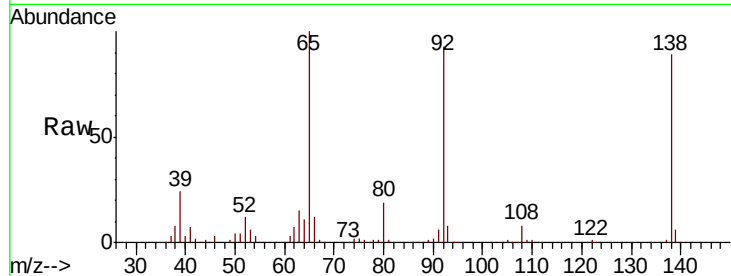
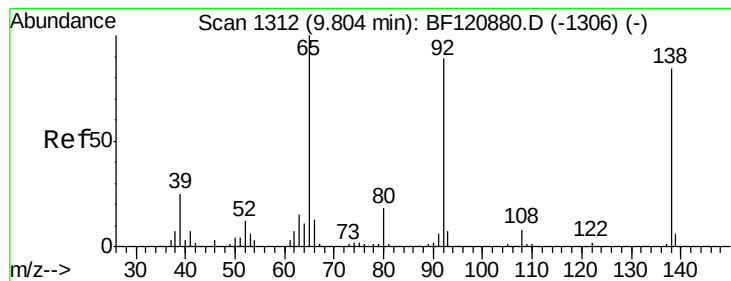


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.449 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	104.4	85.3	127.9

Instrument :

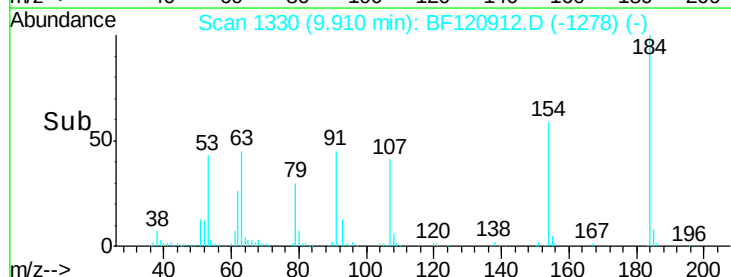
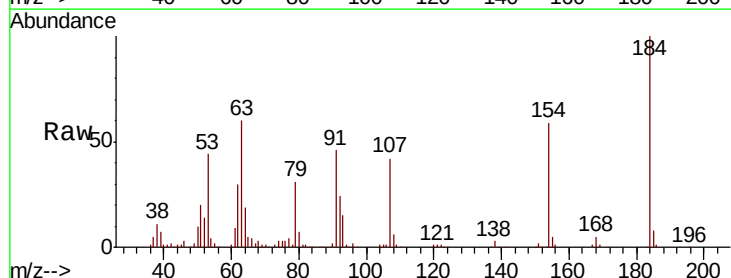
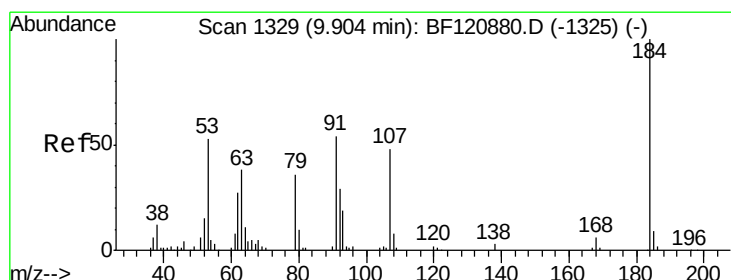
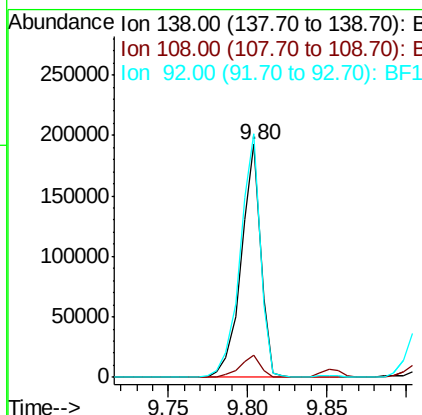
BNA_F

ClientSampleId :

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#54

2,4-Dinitrophenol

Concen: 69.025 ng

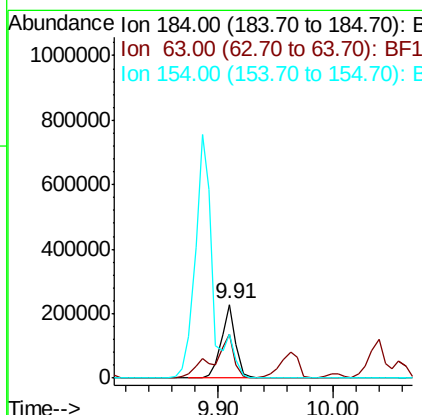
RT: 9.91 min Scan# 1330

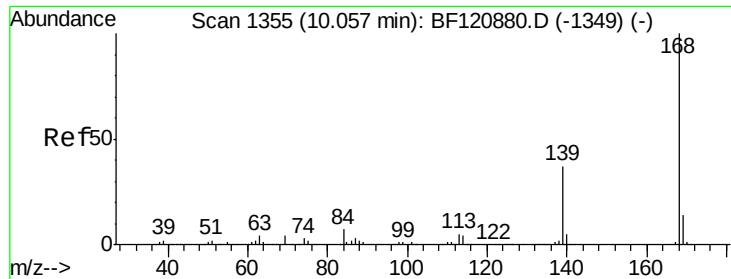
Delta R.T. 0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	57.9	86.9
154	59.0	52.6	78.8





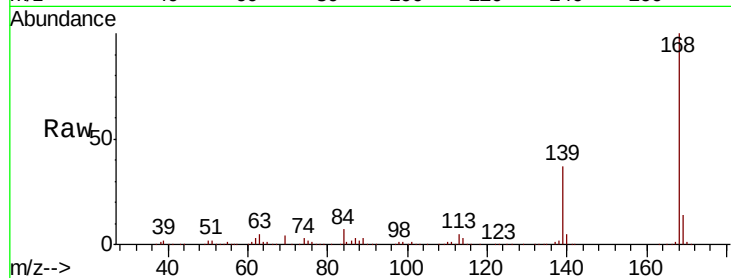
#55
Dibenzenofuran
Concen: 37.599 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.7	44.5
169	14.2	11.1	16.7

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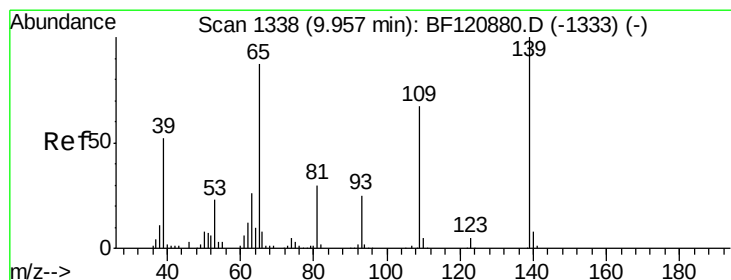
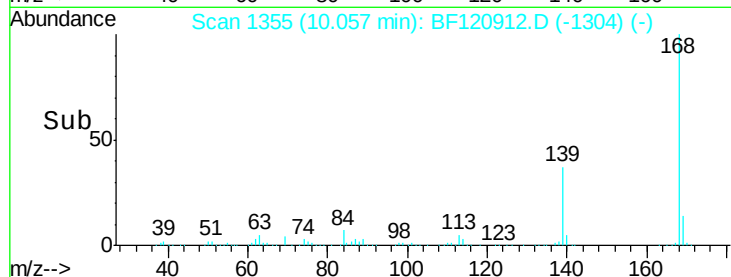
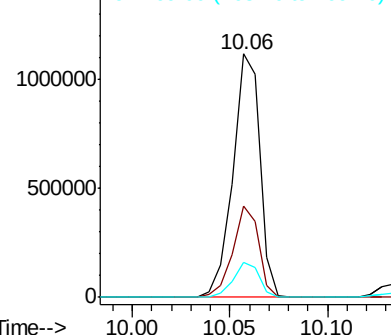


Abundance

Ion 168.00 (167.70 to 168.70): E

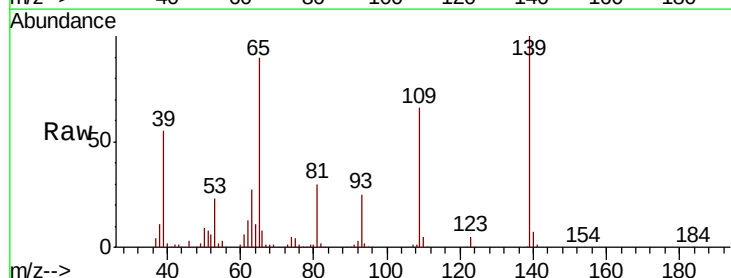
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.057 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	47.3	87.3
65	90.0	67.2	107.2

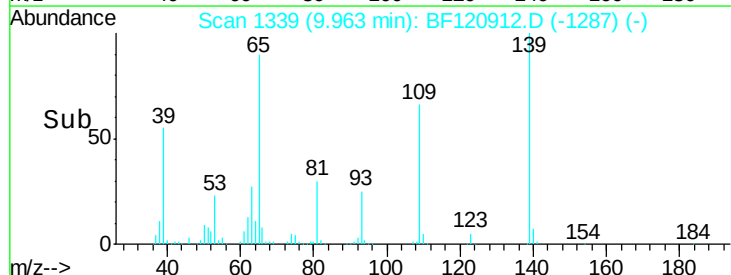
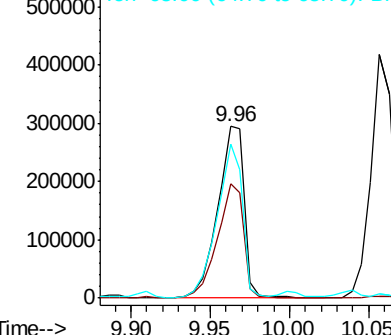


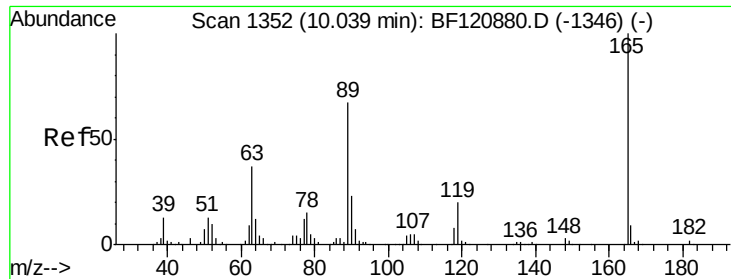
Abundance

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





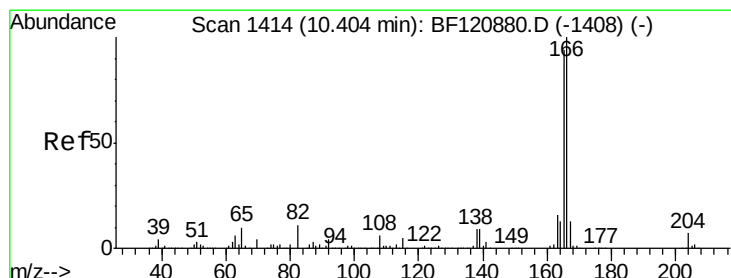
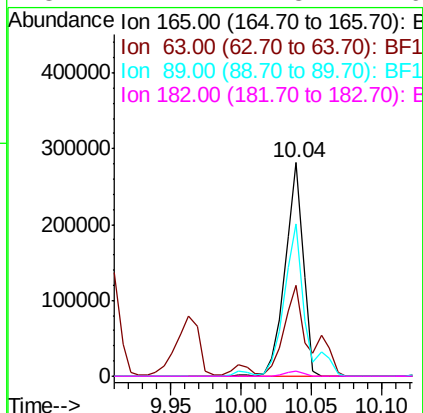
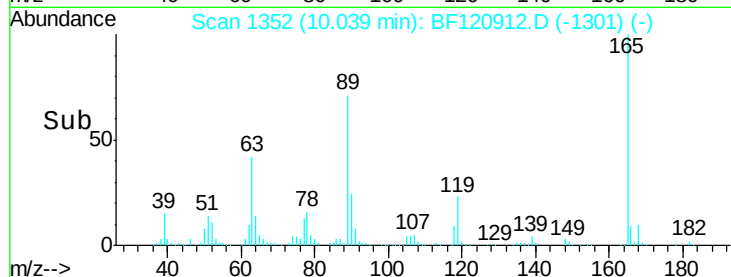
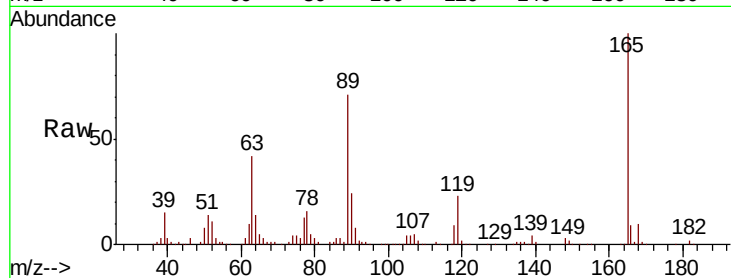
#57
2,4-Dinitrotoluene
Concen: 38.526 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		251077		
63	42.3	29.4	44.2		
89	71.4	53.4	80.0		
182	2.2	1.8	2.6		

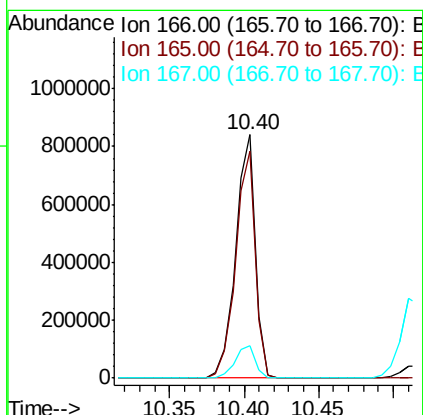
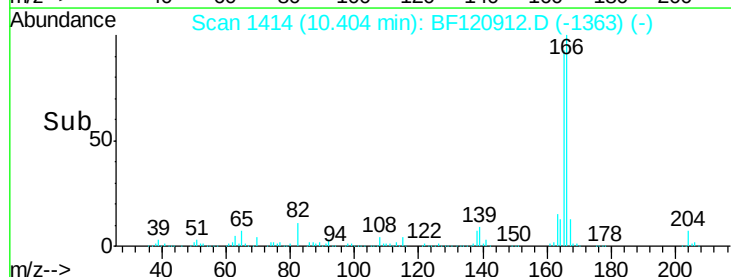
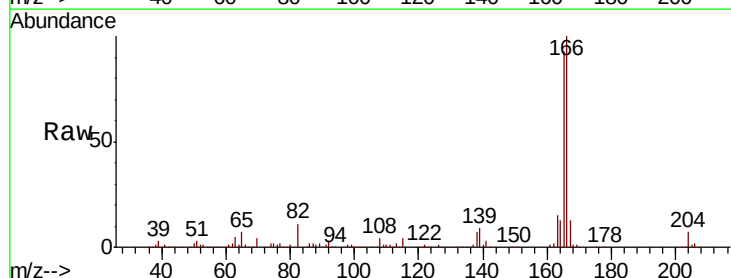
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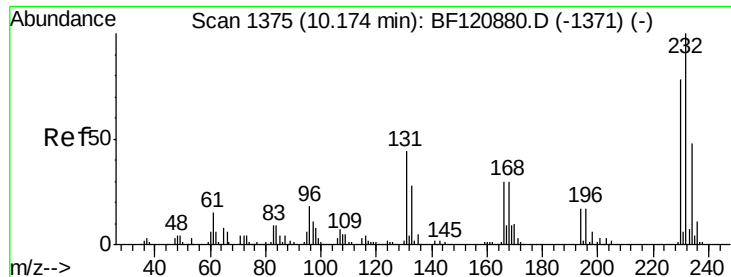
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#58
Fluorene
Concen: 36.601 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		776396		
165	93.2	75.4	113.0		
167	13.3	10.6	15.8		





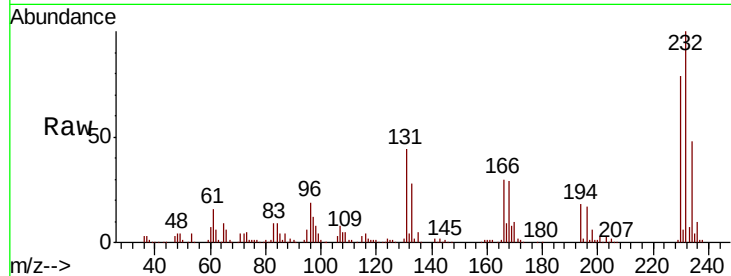
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.500 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.1	55.7
130	2.3	1.7	2.5
166	29.3	24.2	36.4

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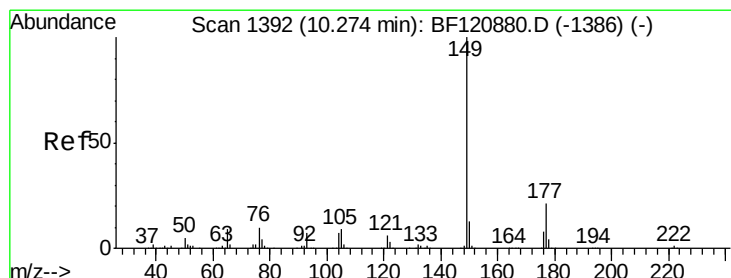
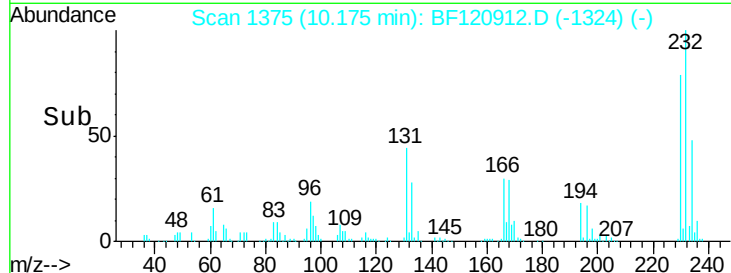
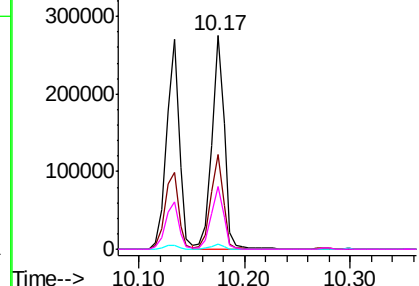
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.117 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

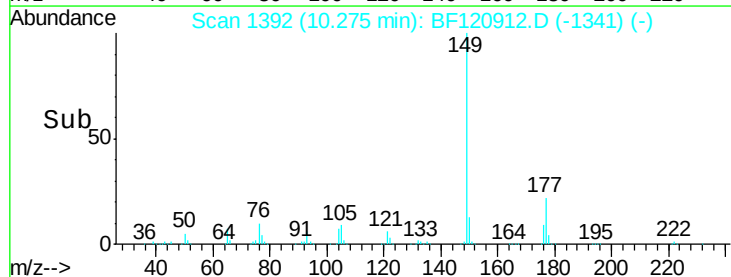
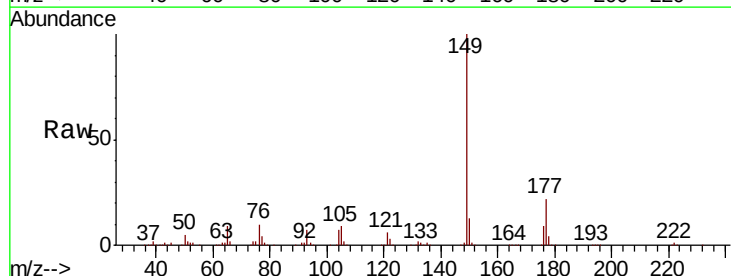
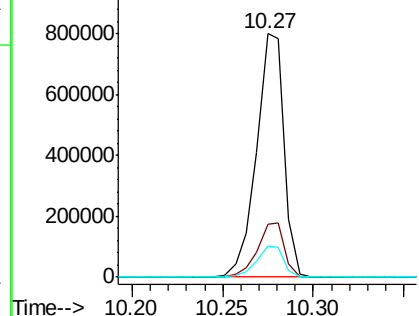
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.7	10.3	15.5

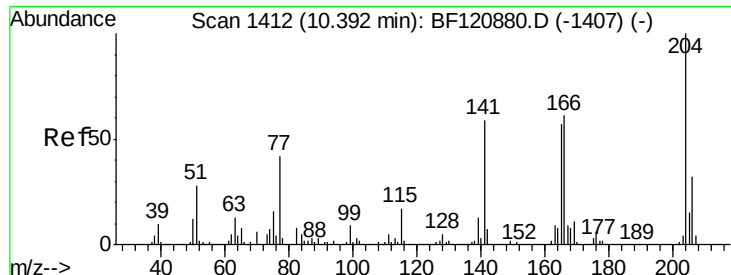
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





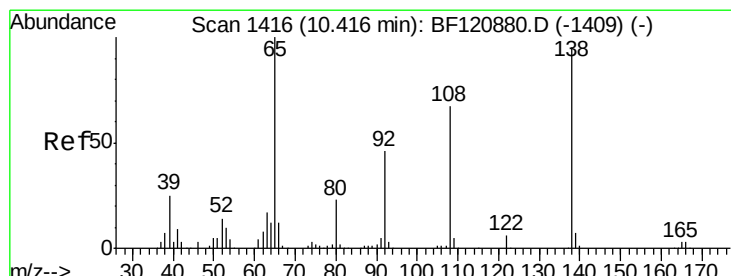
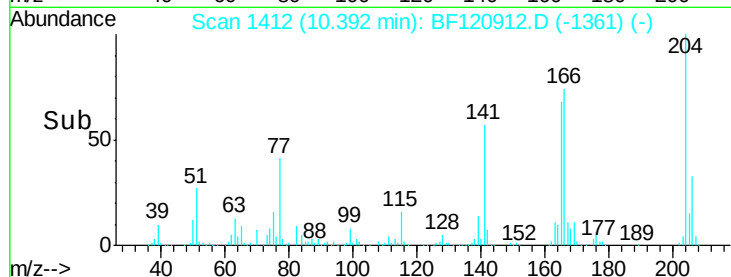
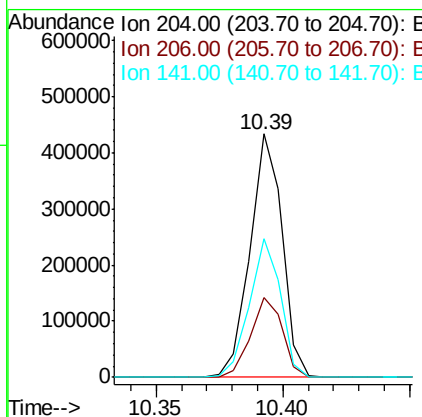
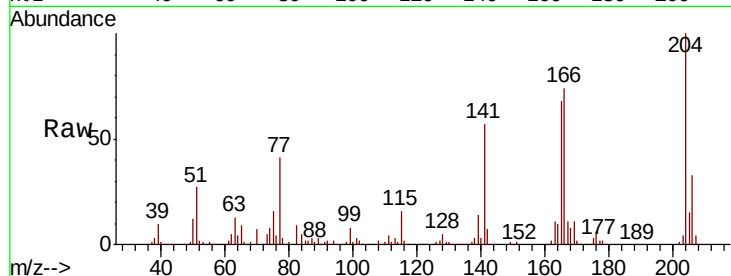
#61
 4-Chlorophenyl-phenylether
 Concen: 33.847 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampled :
 PB130249BS

Tot Ion:	204	Resp:	382951
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.9	38.9
141	56.8	47.2	70.8

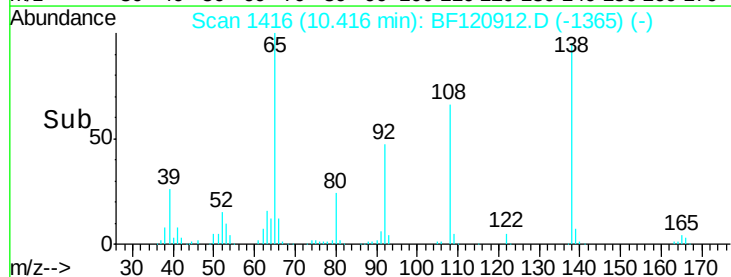
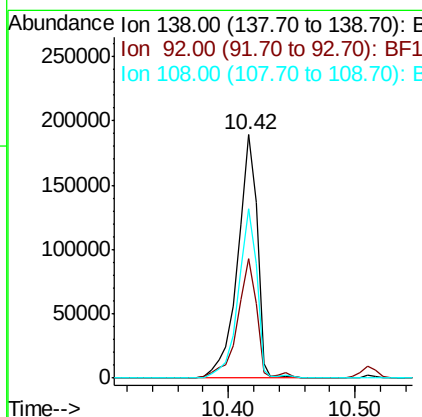
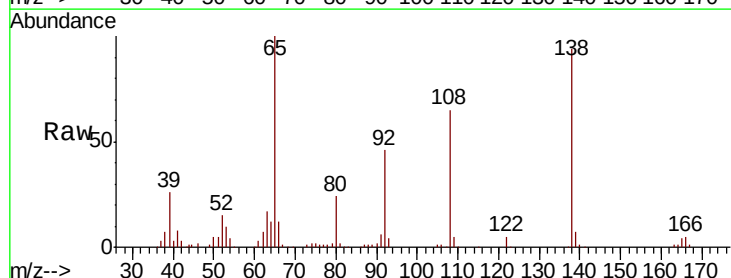
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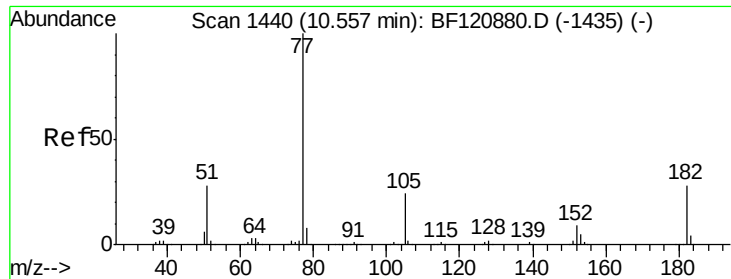
mohammad
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#62
 4-Nitroaniline
 Concen: 32.871 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion:	138	Resp:	199296
Ion Ratio	Lower	Upper	
138	100		
92	49.2	28.6	68.6
108	69.4	51.1	91.1





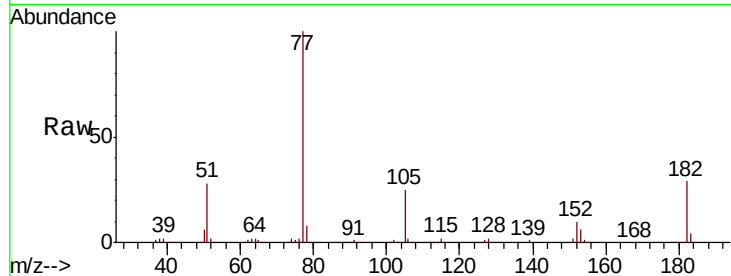
#63
Azobenzene
Concen: 36.637 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.1	7.8	47.8		
105	24.9	4.4	44.4		
51	27.8	8.0	48.0		

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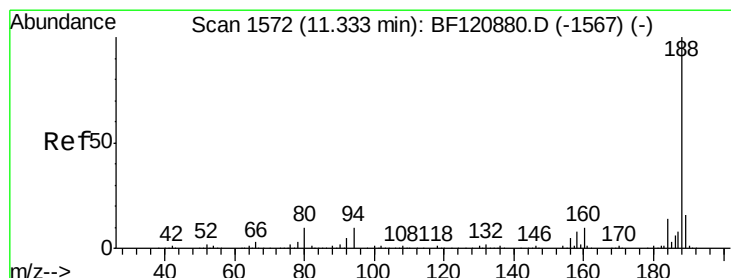
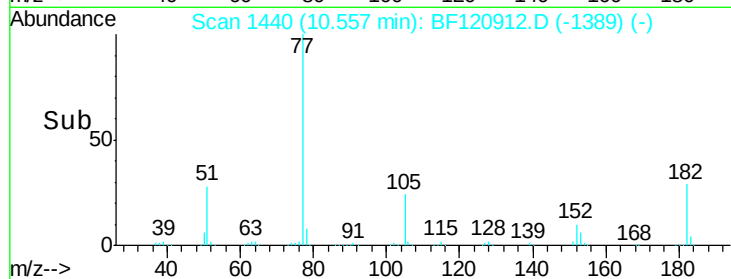
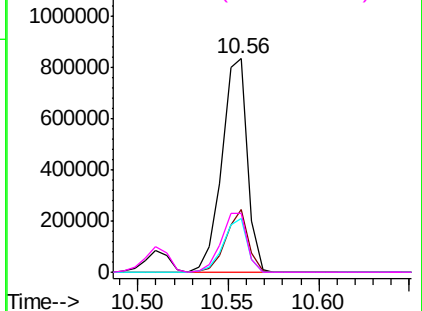
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

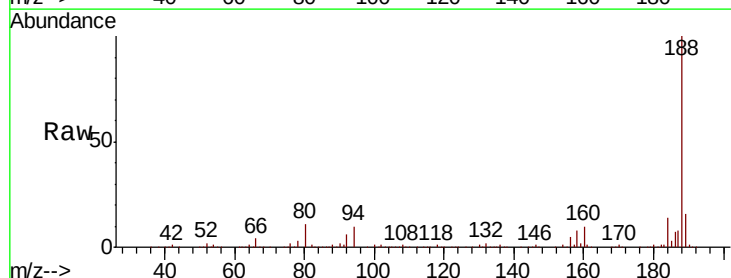
Ion 105.00 (104.70 to 105.70): E

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: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	8.0	12.0		
80	10.6	8.3	12.5		

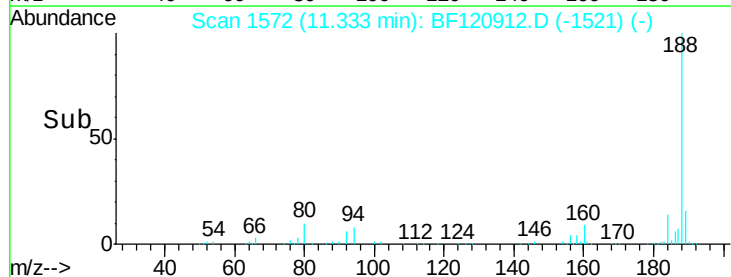
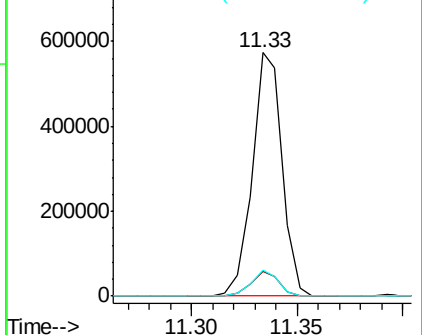


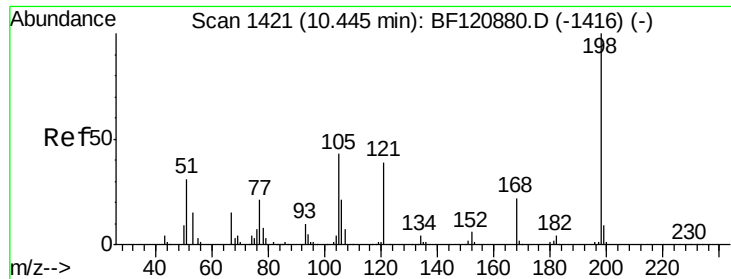
Abundance

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





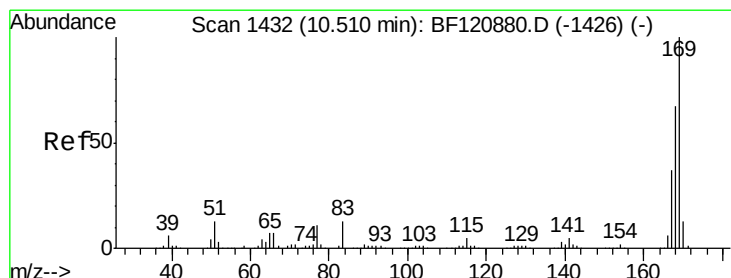
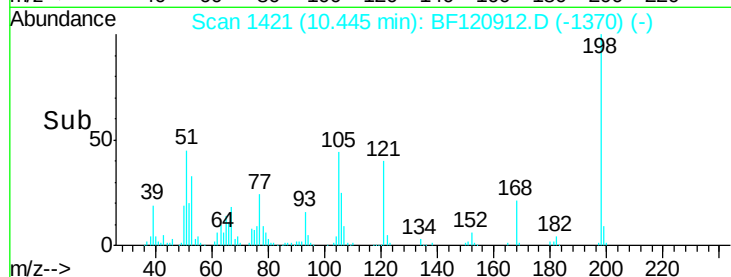
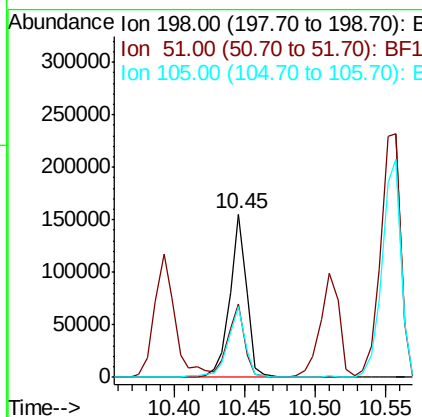
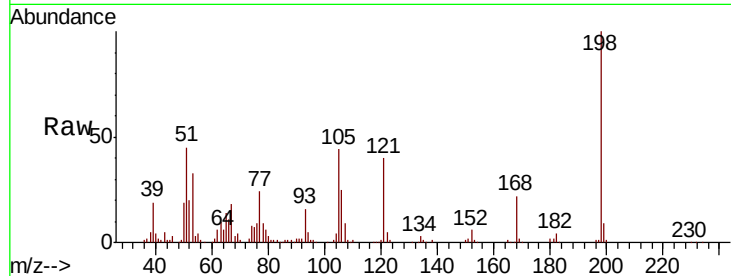
#65
4,6-Dinitro-2-methylphenol
Concen: 40.417 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	128904		
51	45.2	19.5	59.5	
105	43.5	24.4	64.4	

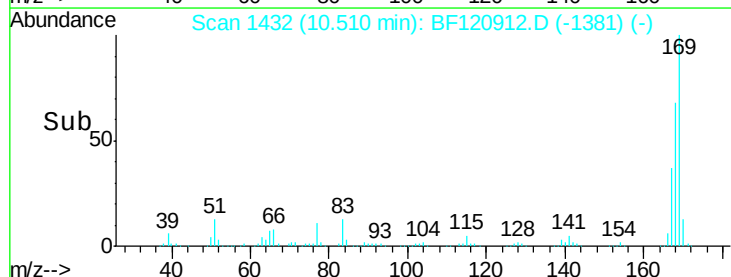
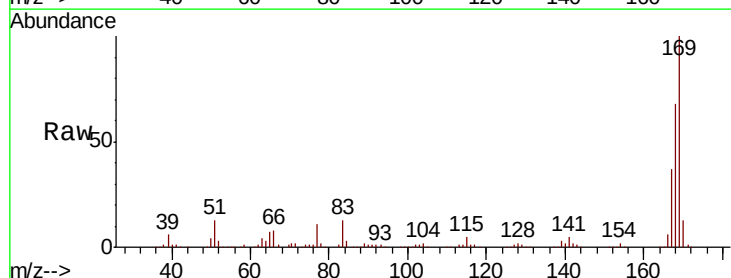
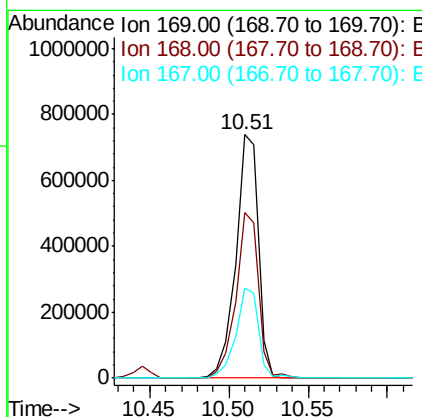
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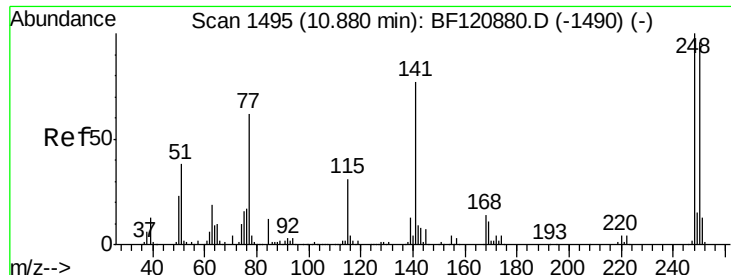
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#66
n-Nitrosodiphenylamine
Concen: 41.245 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	726868		
168	68.0	53.4	80.0	
167	37.2	29.4	44.0	





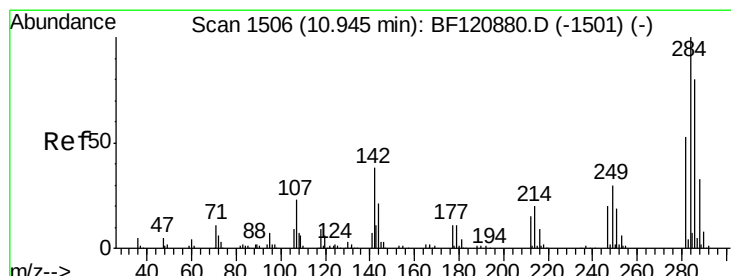
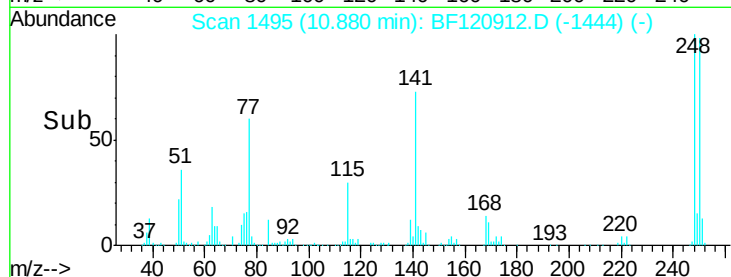
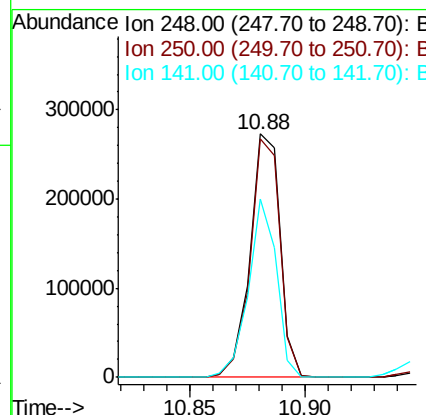
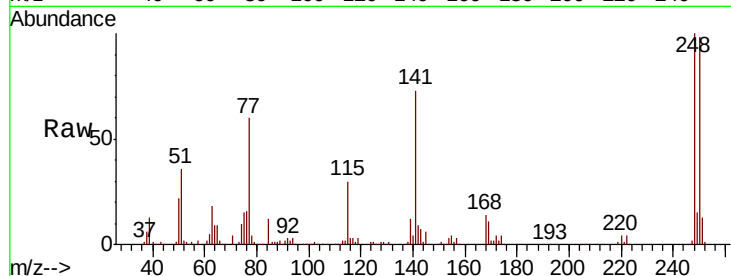
#67
 4-Bromophenyl-phenylether
 Concen: 39.988 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion:	248	Resp:	249765
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.1	115.7
141	73.1	61.2	91.8

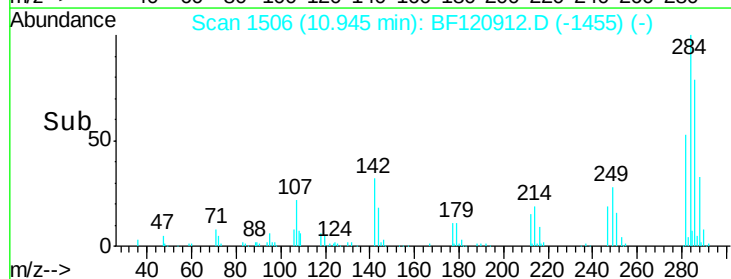
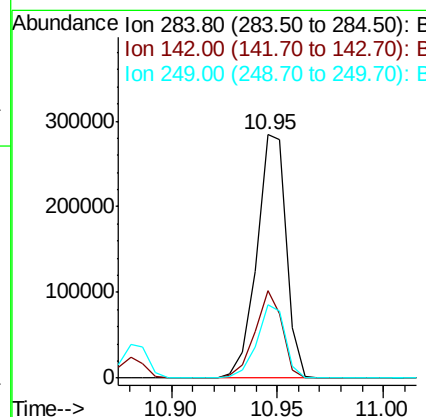
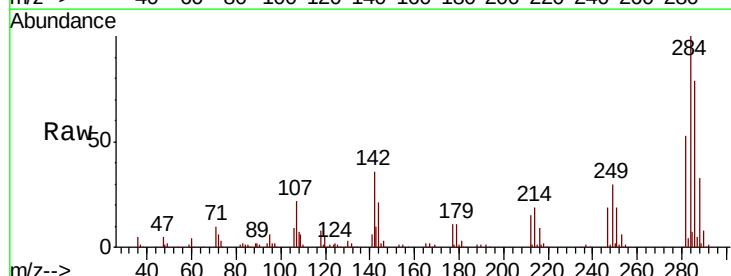
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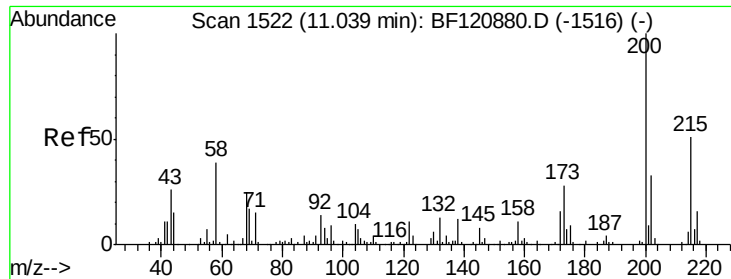
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#68
 Hexachlorobenzene
 Concen: 41.054 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion:	284	Resp:	277385
Ion Ratio	Lower	Upper	
284	100		
142	36.0	30.2	45.2
249	30.2	24.2	36.2





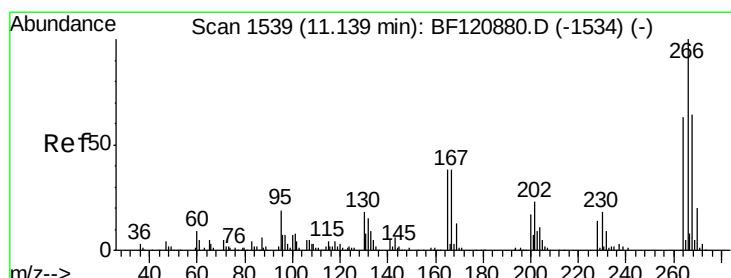
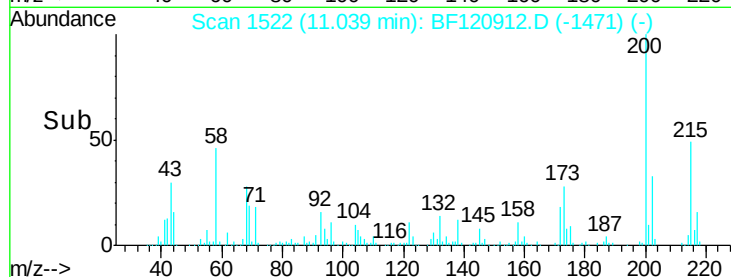
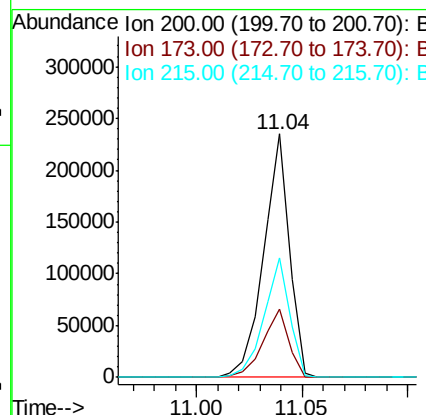
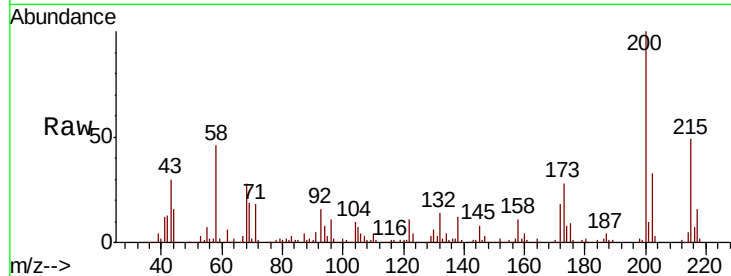
#69
 Atrazine
 Concen: 45.622 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	8.0	48.0
215	48.9	31.5	71.5

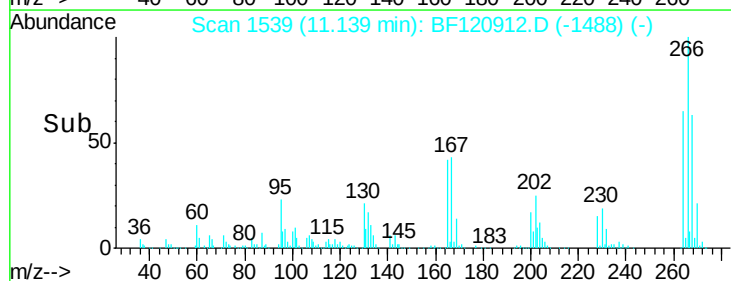
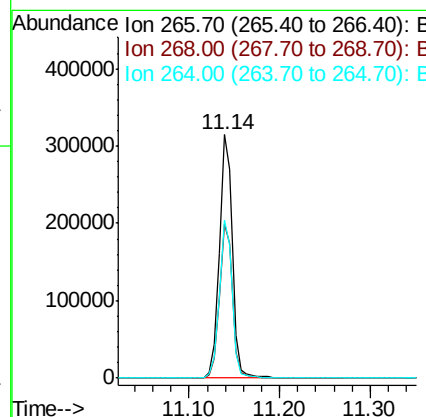
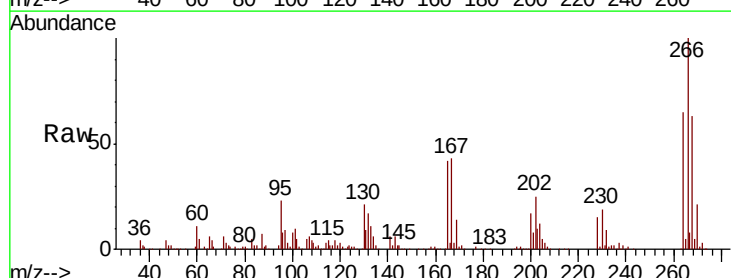
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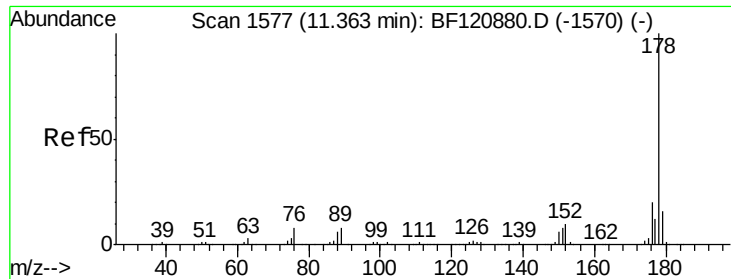
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#70
 Pentachlorophenol
 Concen: 81.050 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.1	76.7
264	64.6	50.2	75.2





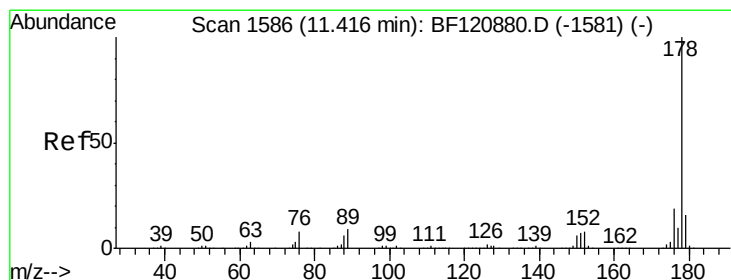
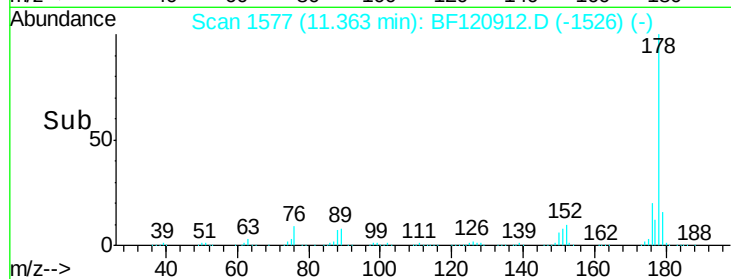
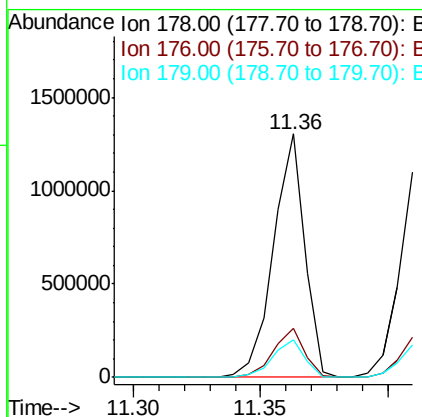
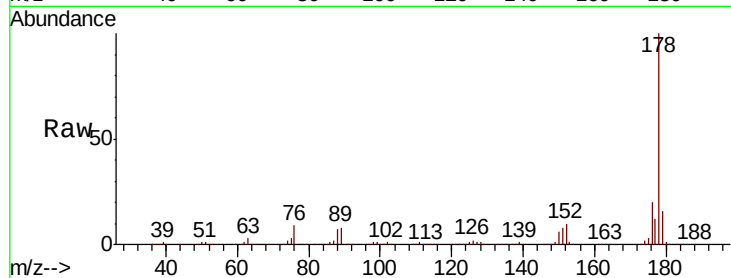
#71
Phenanthrene
Concen: 39.288 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion:178 Resp: 1131960
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.6 12.8 19.2

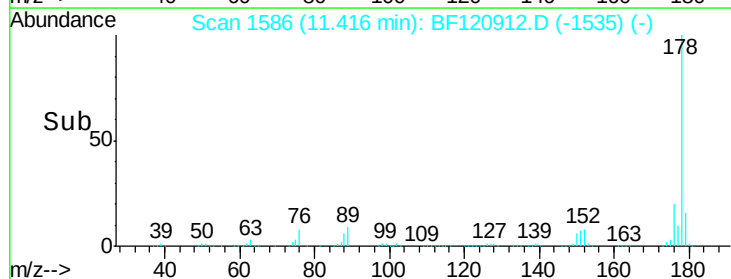
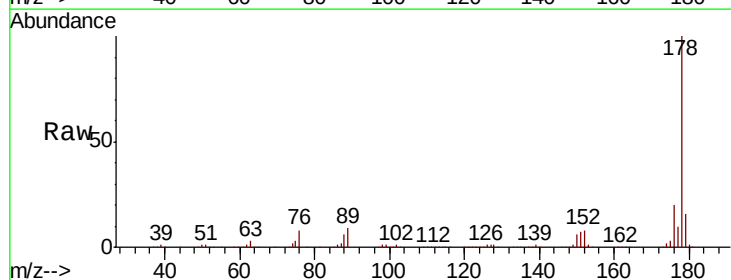
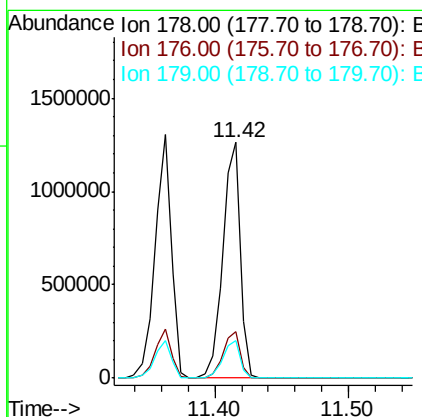
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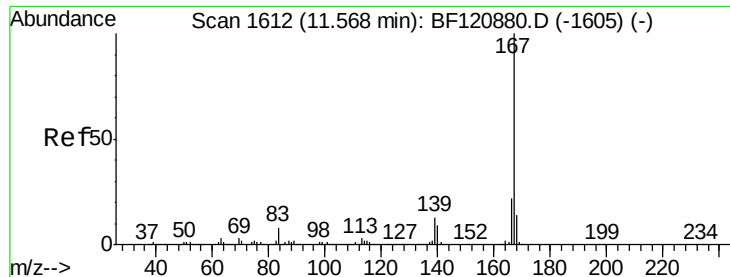
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#72
Anthracene
Concen: 40.448 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion:178 Resp: 1170213
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.8 12.8 19.2





#73
 Carbazole
 Concen: 37.186 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

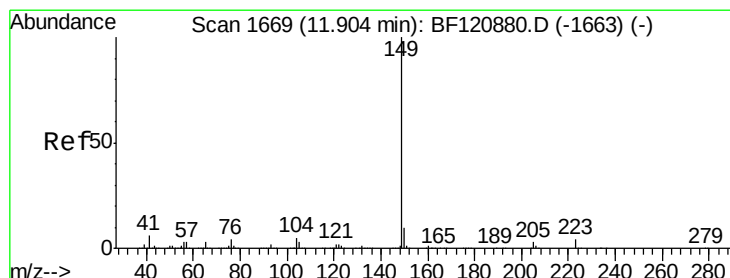
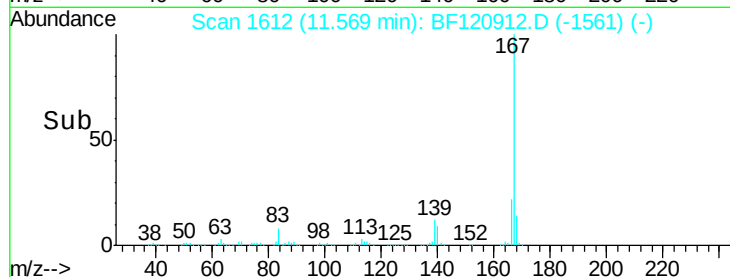
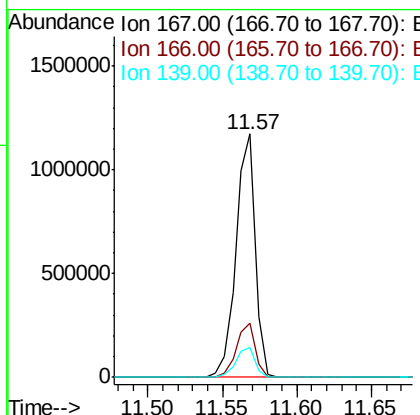
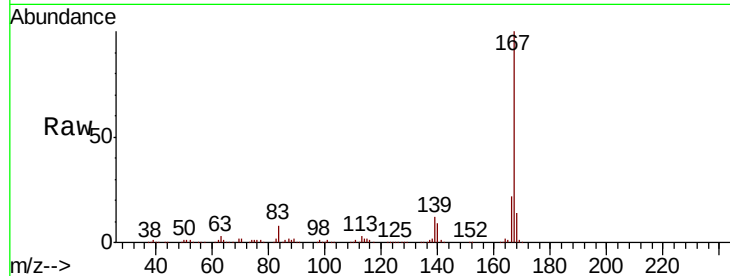
Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion:167 Resp: 1067674

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.5	10.1	15.1

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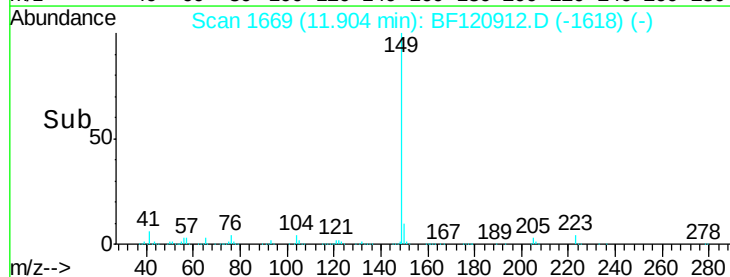
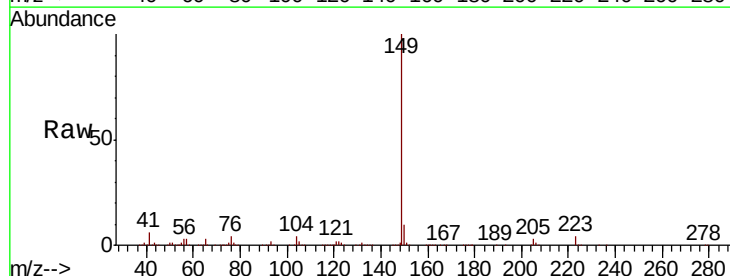
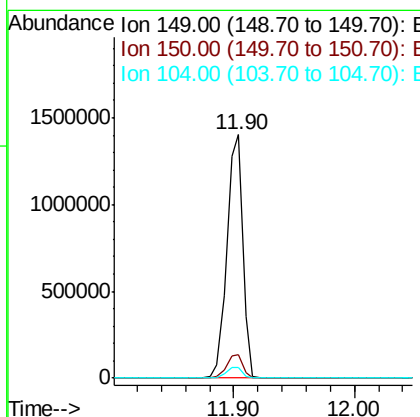
mohammad
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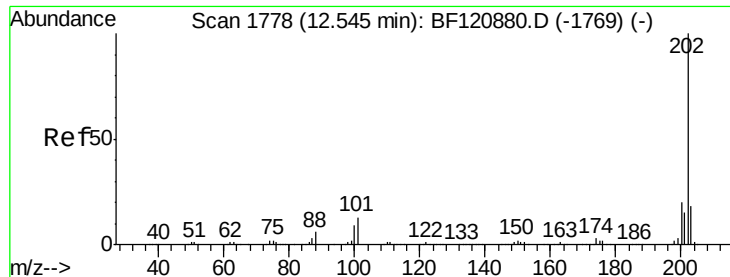


#74
 Di-n-butylphthalate
 Concen: 38.466 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion:149 Resp: 1274500

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.5	3.8	5.6





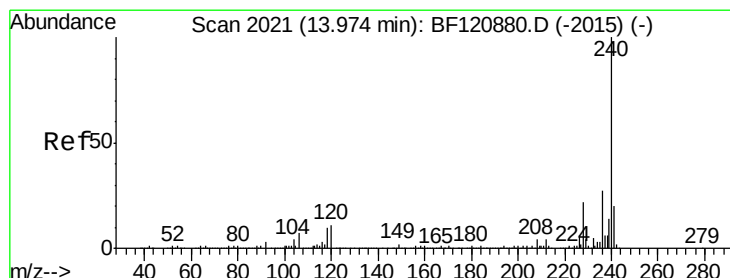
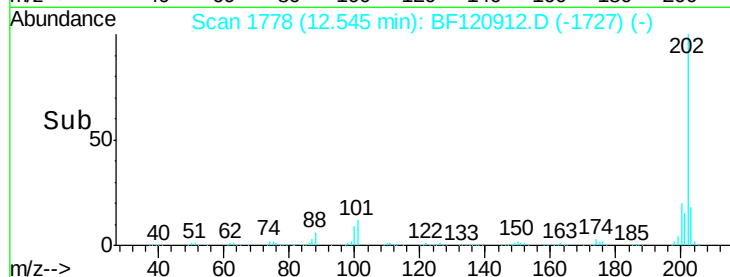
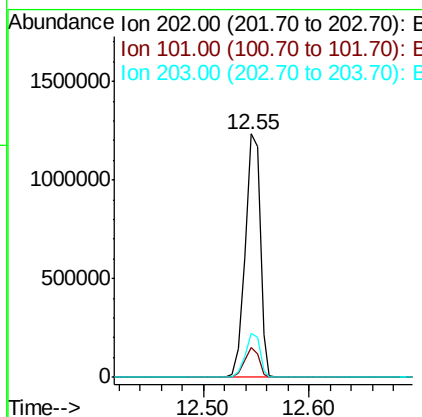
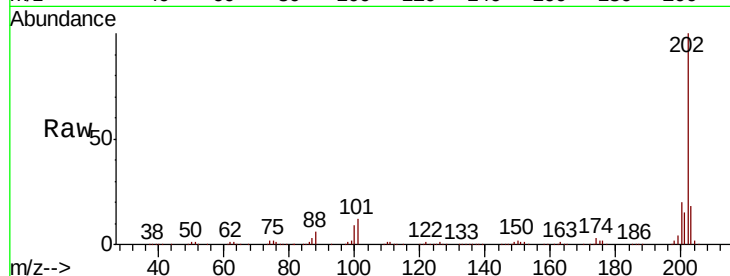
#75
Fluoranthene
Concen: 37.666 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.7
203	18.3	0.0	38.0

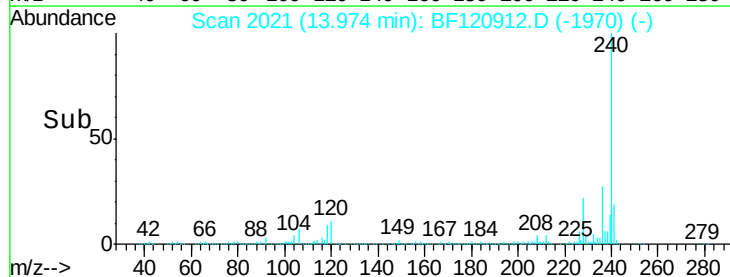
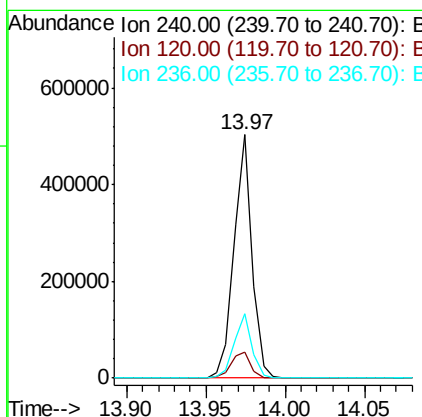
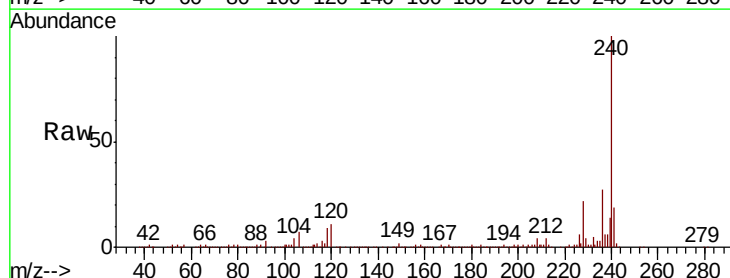
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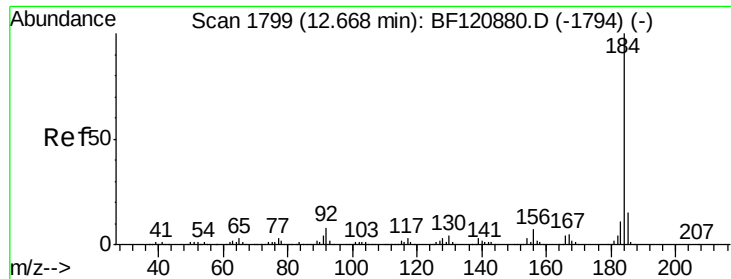
mohammad
7/20/2020 11:26:35 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 52.325 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

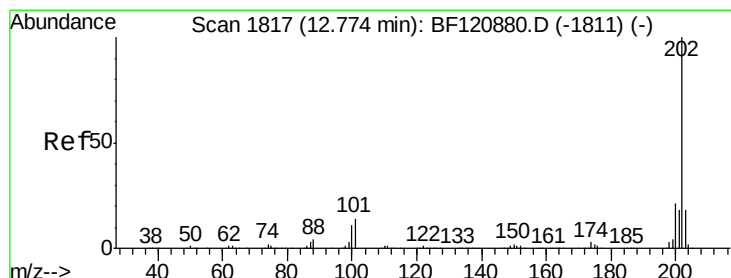
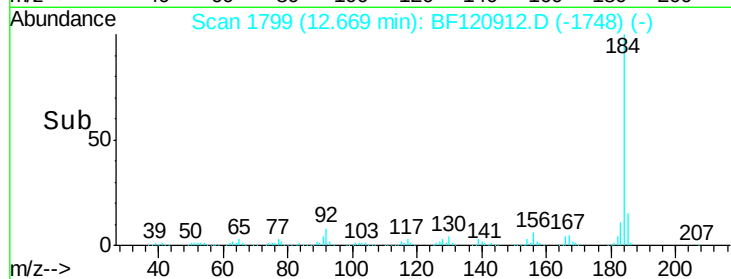
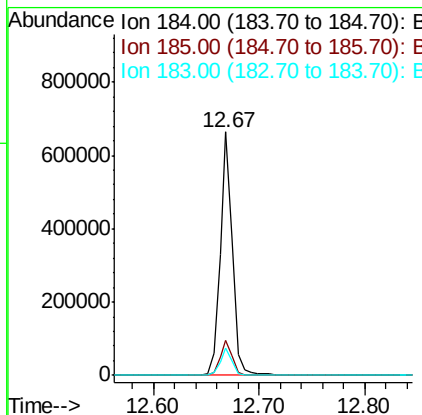
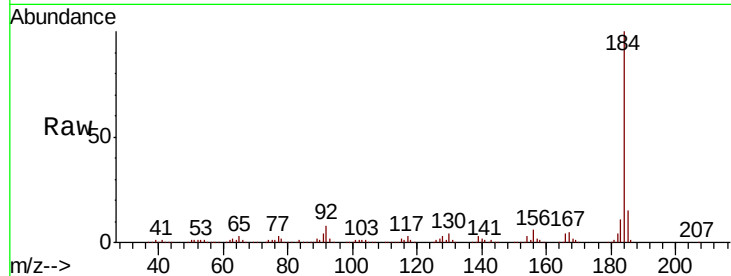
ClientSampleId :

PB130249BS

Tot Ion:	184	Resp:	546317
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.0	8.5	12.7

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#78

Pyrene

Concen: 43.397 ng

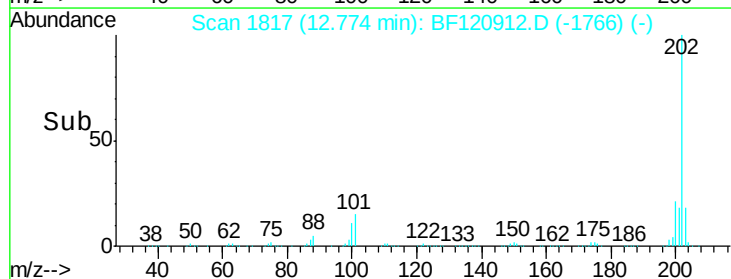
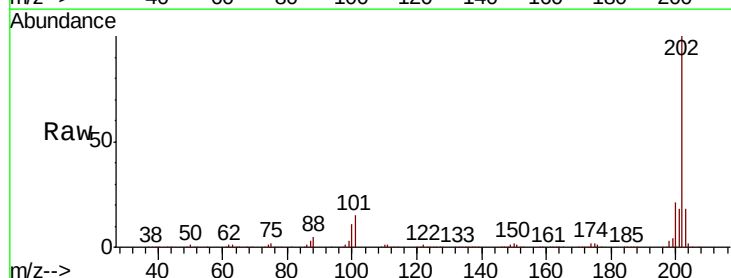
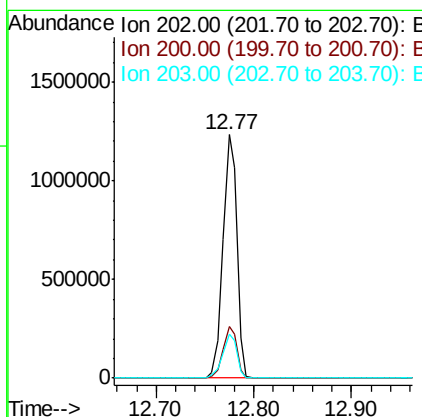
RT: 12.77 min Scan# 1817

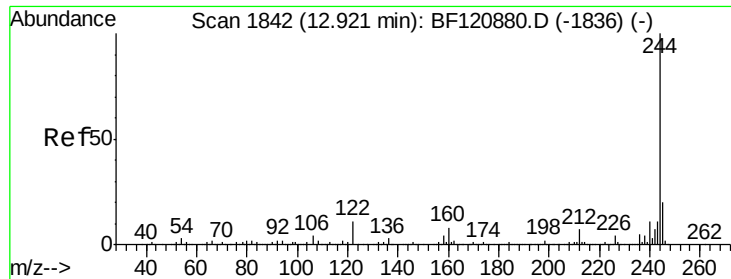
Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	202	Resp:	1218412
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	18.3	14.4	21.6





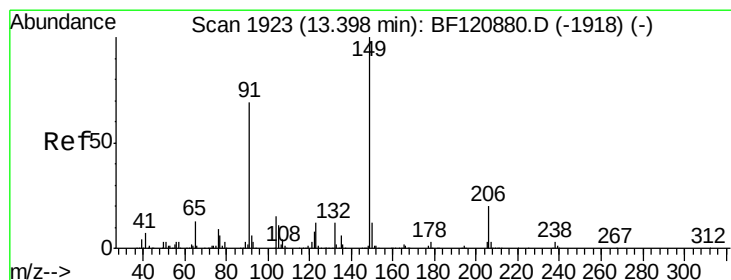
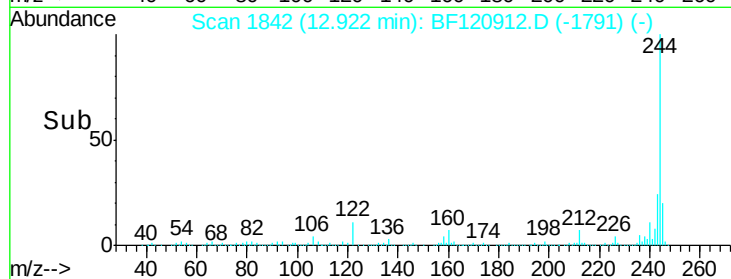
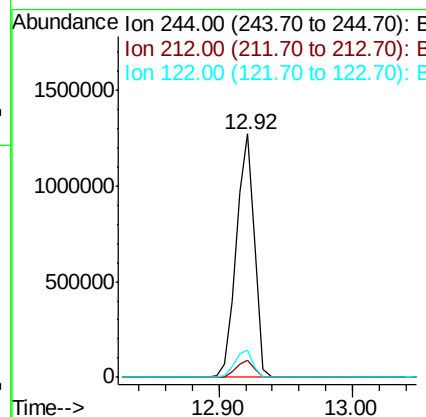
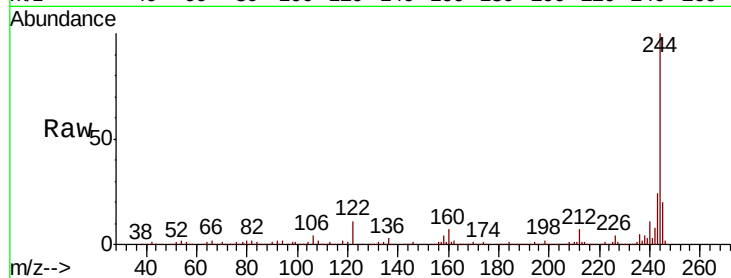
#79
Terphenyl-d14
Concen: 66.418 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.4	8.9	13.3

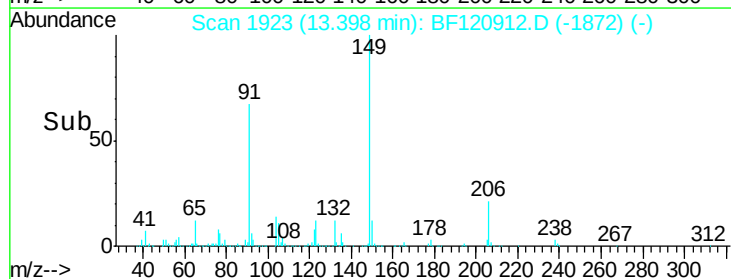
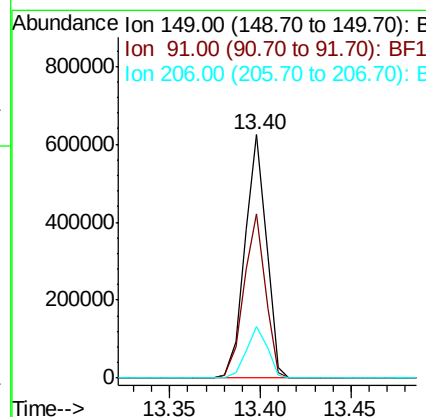
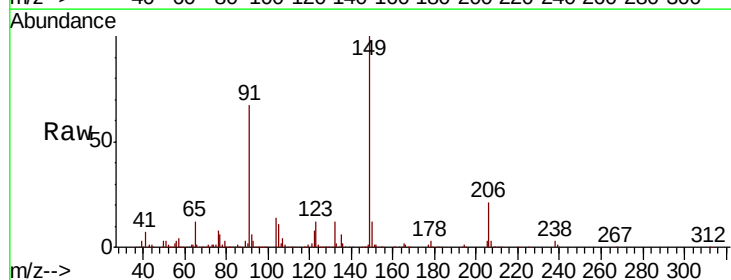
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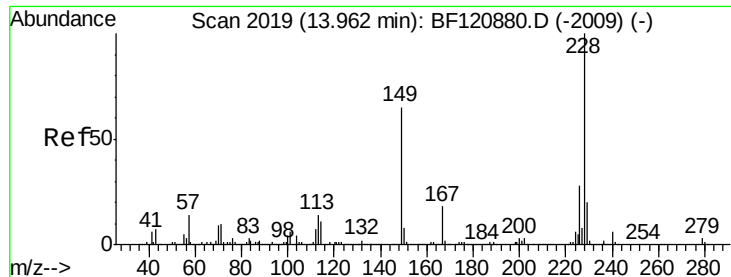
mohammad
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#80
Butylbenzylphthalate
Concen: 41.012 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	55.1	82.7
206	20.9	16.1	24.1





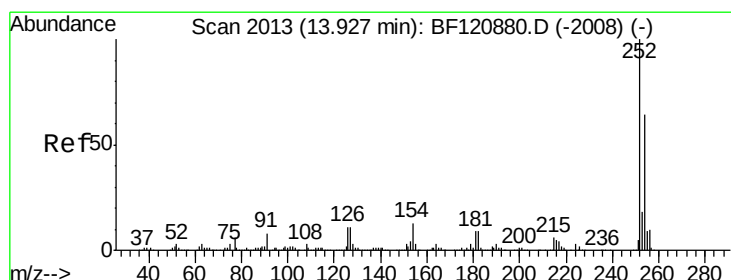
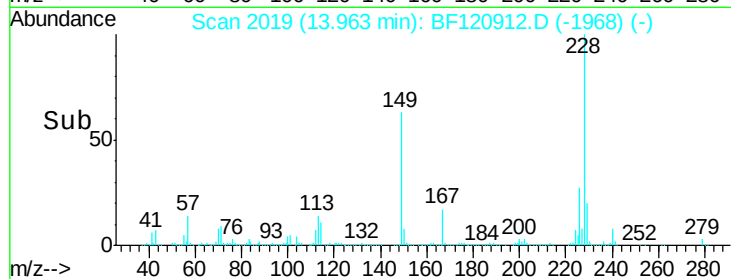
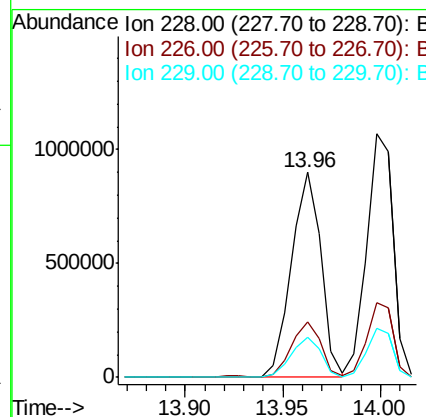
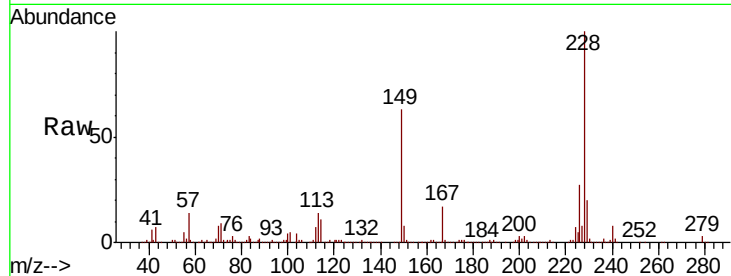
#81
Benzo(a)anthracene
Concen: 39.120 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.8	16.1	24.1

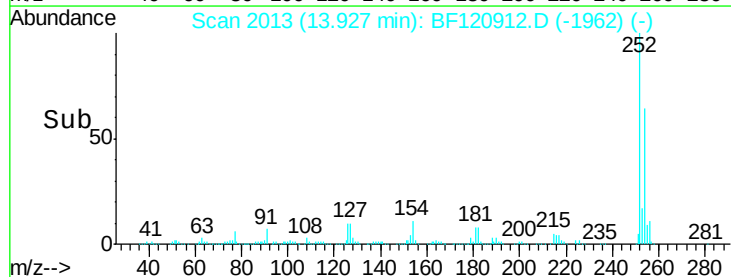
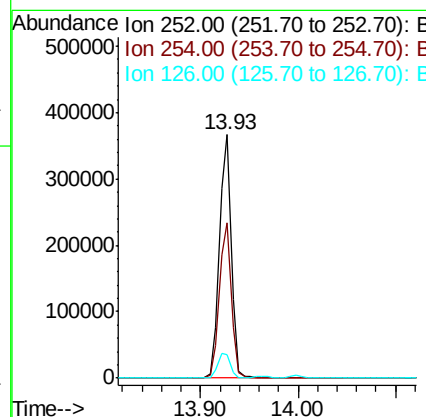
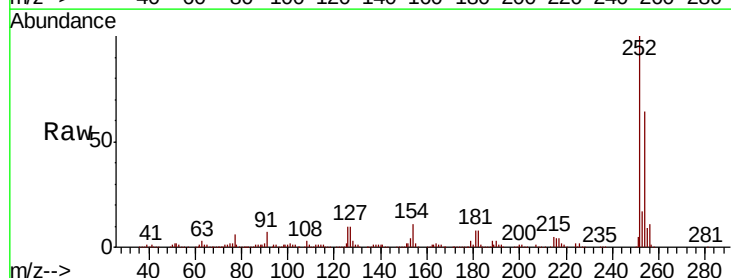
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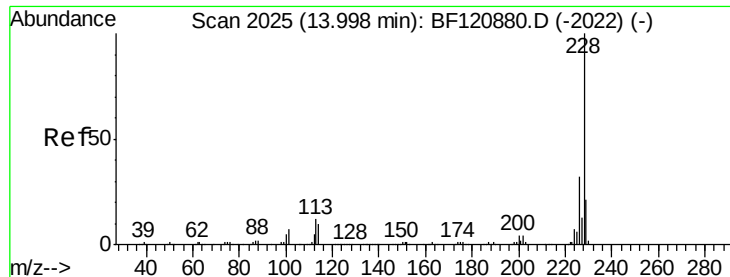
mohammad
7/20/2020 11:26:35 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.061 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.2	76.8
126	9.8	8.7	13.1





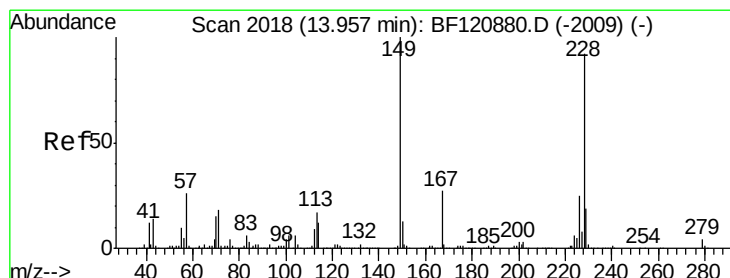
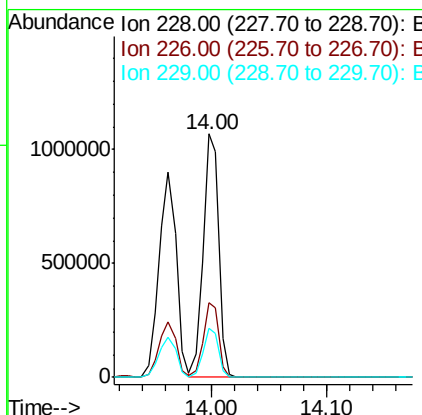
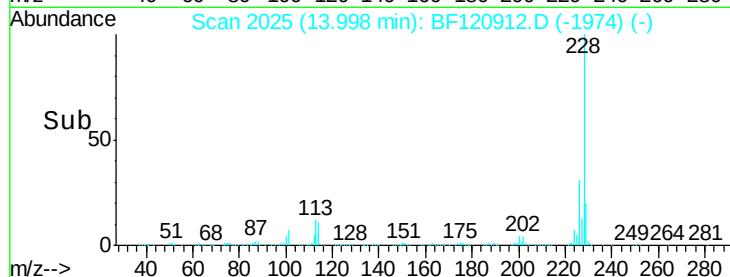
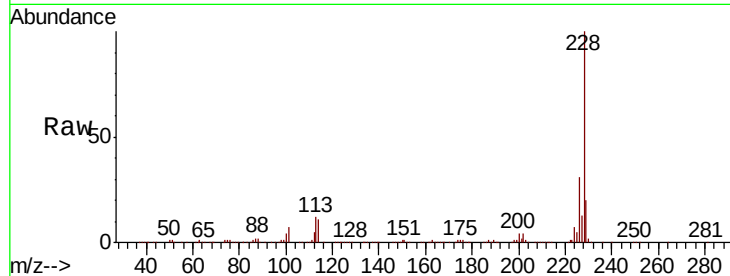
#83
 Chrysene
 Concen: 40.046 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion:228 Resp: 1012007
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.6 38.4
 229 20.1 16.8 25.2

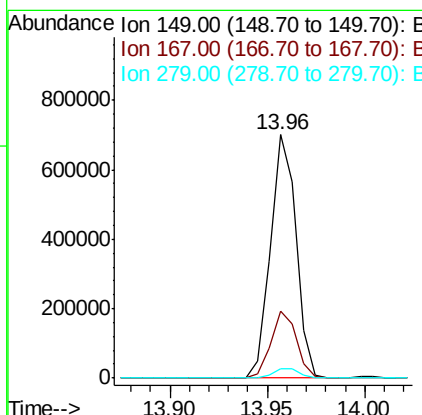
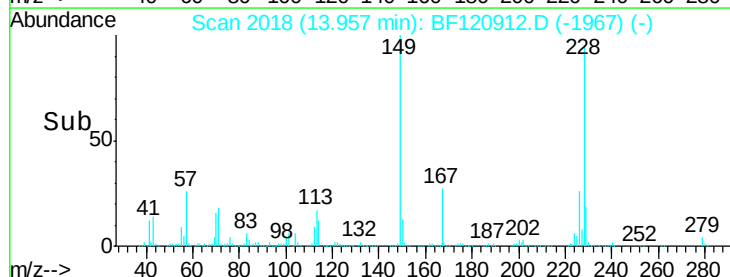
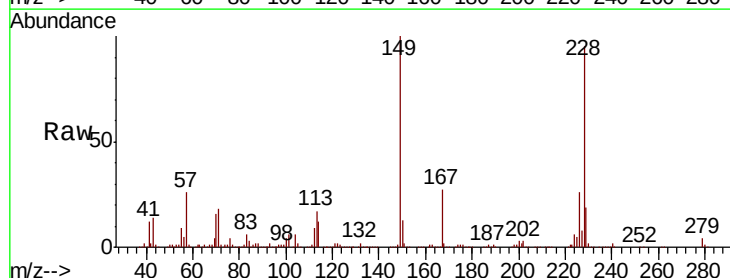
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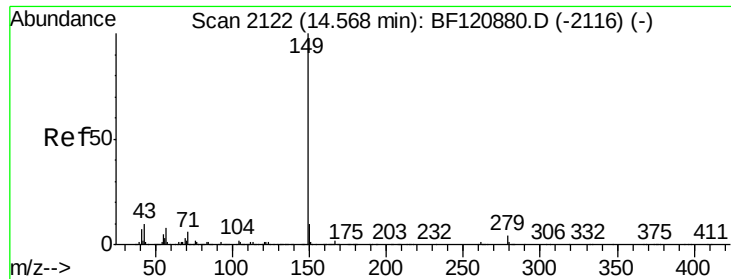
mohammad
 7/20/2020 11:26:35 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.283 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion:149 Resp: 637137
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.689 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

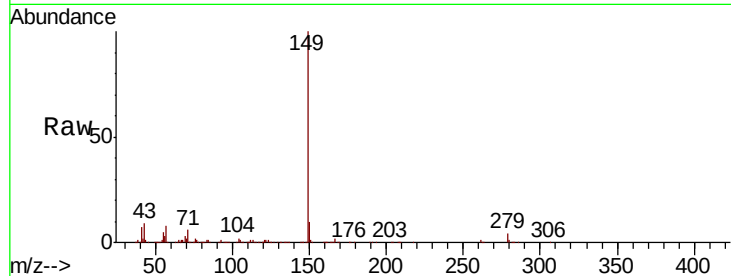
ClientSampleId :

PB130249BS

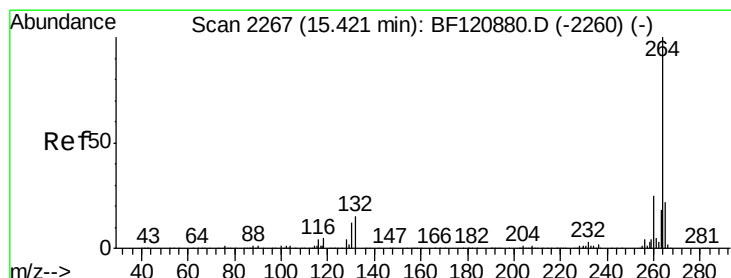
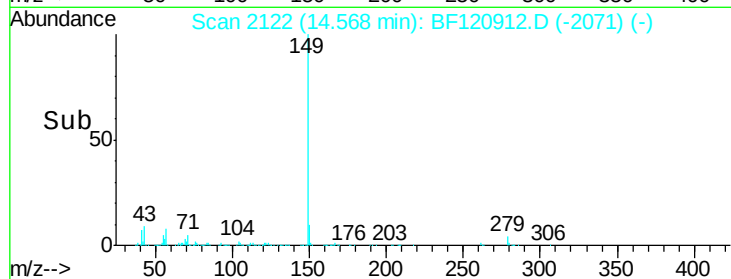
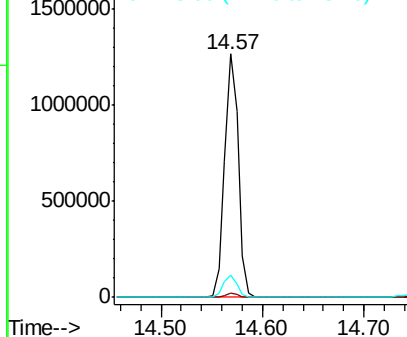
Tot Ion:	149	Resp:	1187954
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	7.6	11.4

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



#86

Perylene-d12

Concen: 20.000 ng

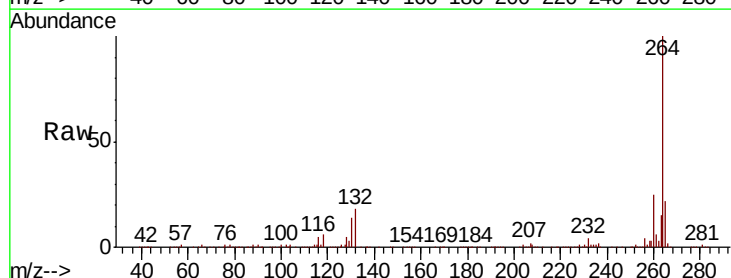
RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

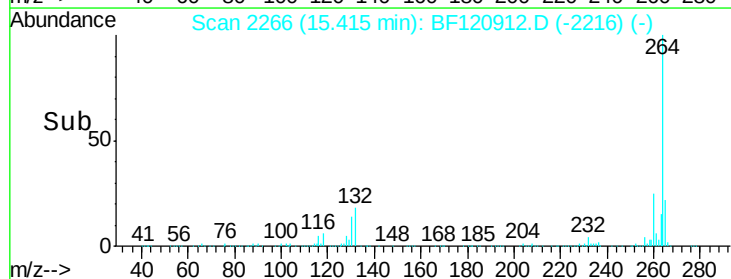
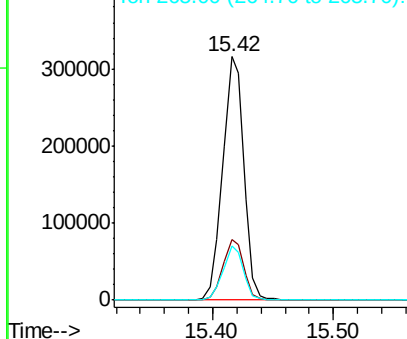
Lab File: BF120912.D

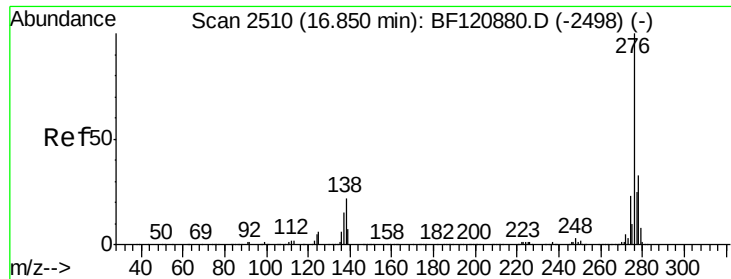
Acq: 17 Jul 2020 9:53

Tgt Ion:	264	Resp:	380911
Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	22.1	17.4	26.2



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





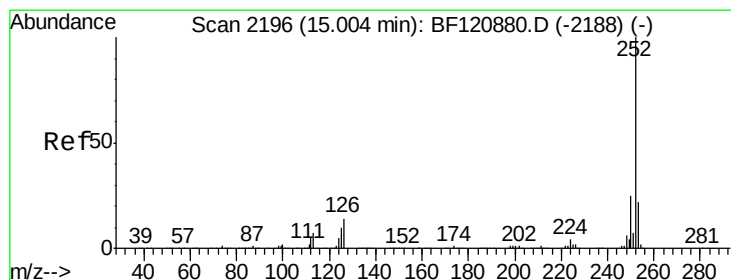
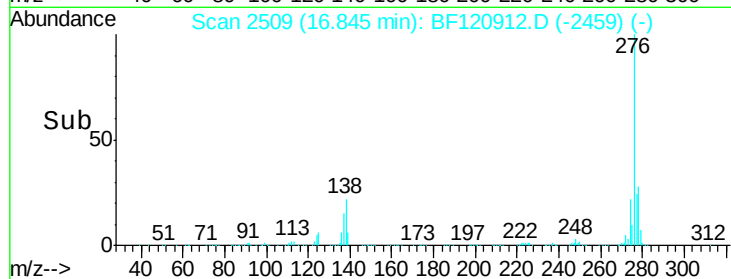
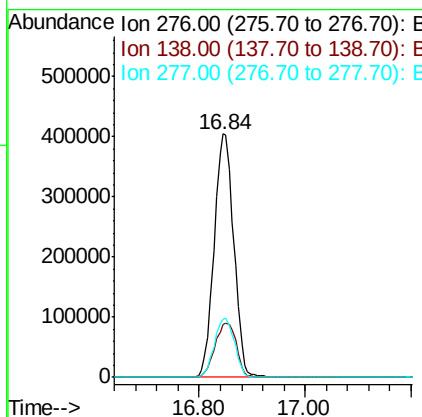
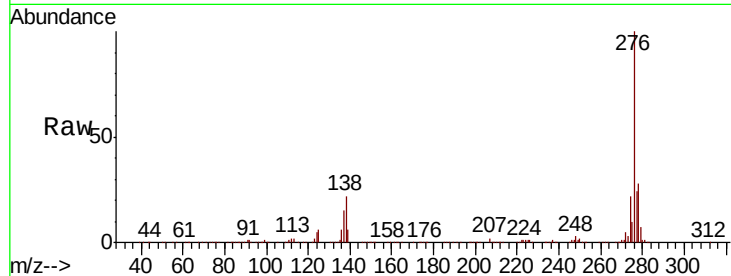
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.461 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Instrument :
 BNA_F
 ClientSampleId :
 PB130249BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.8
277	24.9	20.2	30.2

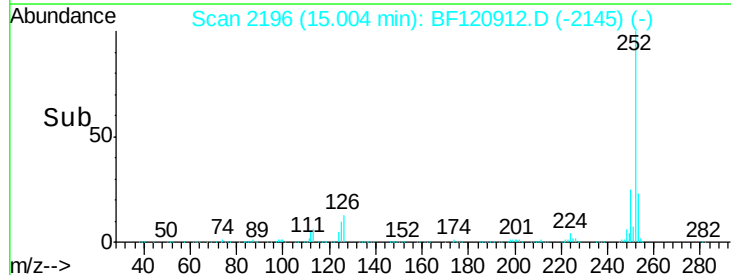
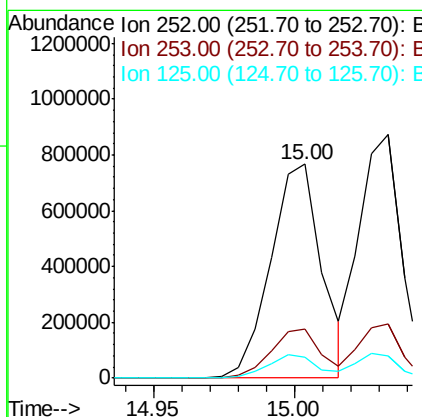
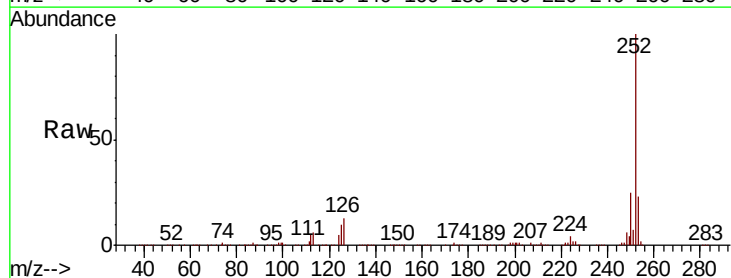
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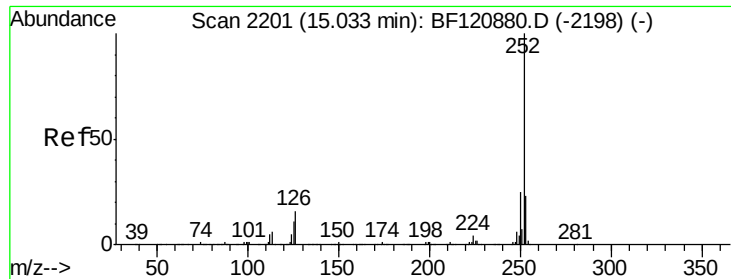
mohammad
 7/20/2020 11:26:35 AM



#88
 Benzo(b)fluoranthene
 Concen: 41.853 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120912.D
 Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.6	8.3	12.5





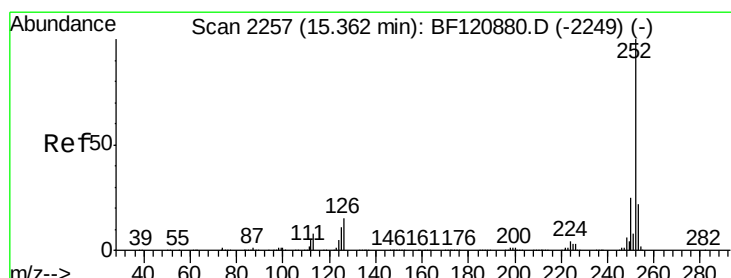
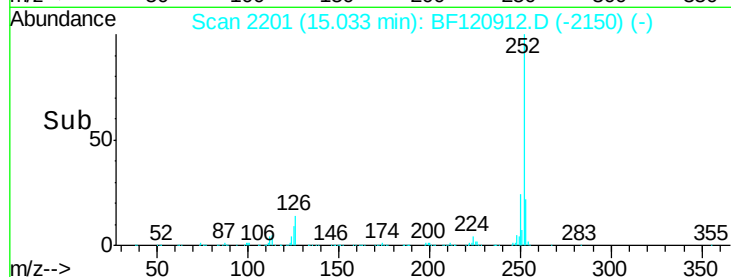
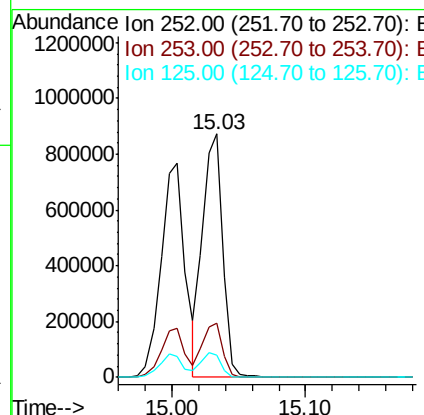
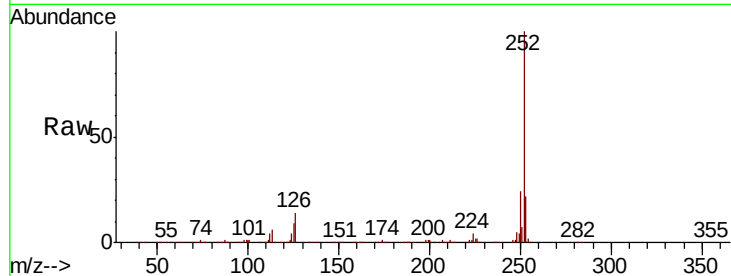
#89
Benzo(k)fluoranthene
Concen: 42.831 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Instrument :
BNA_F
ClientSampleId :
PB130249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.4	8.4	12.6

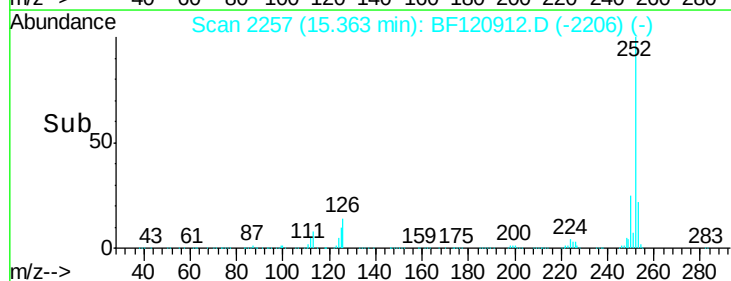
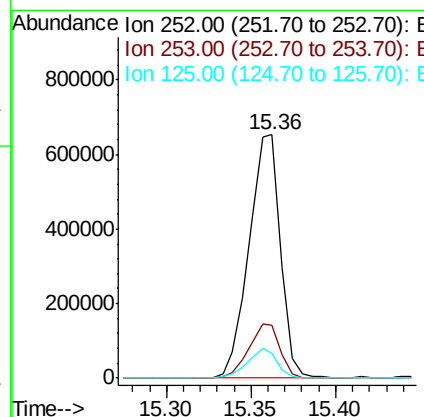
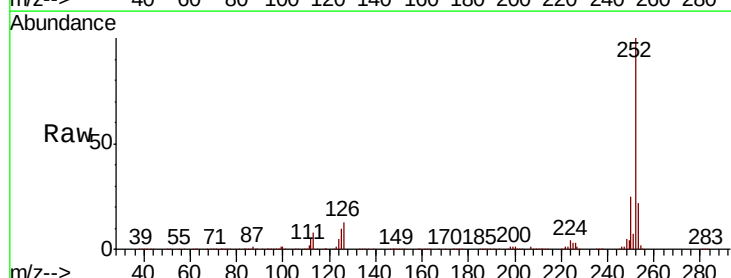
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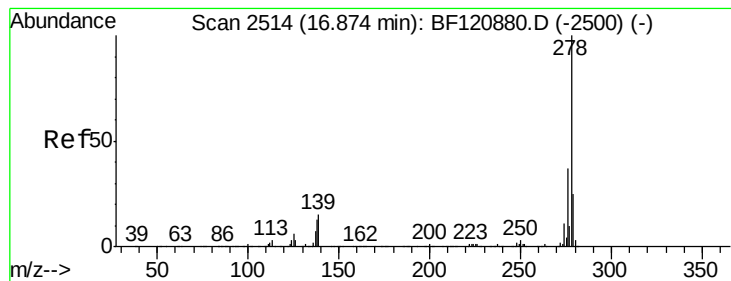
mohammad
7/20/2020 11:26:35 AM



#90
Benzo(a)pyrene
Concen: 40.415 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120912.D
Acq: 17 Jul 2020 9:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.2	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 39.865 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Instrument :

BNA_F

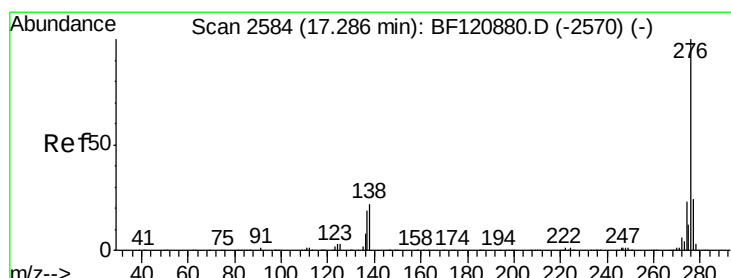
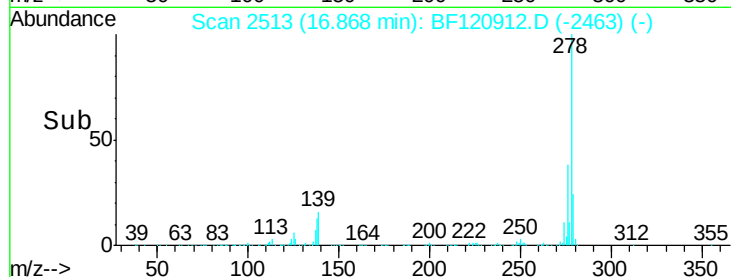
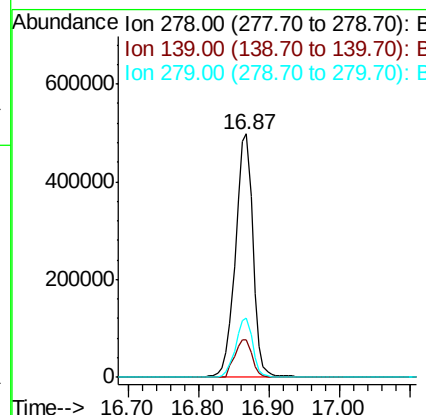
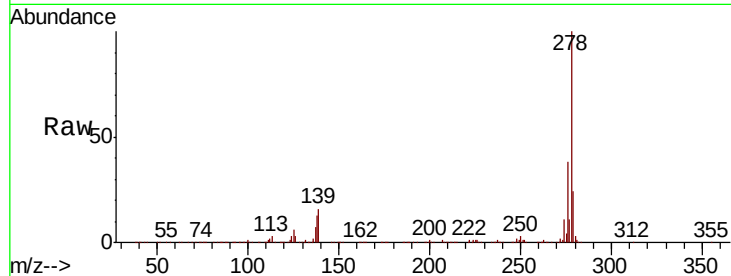
ClientSampleId :

PB130249BS

Tot Ion:	278	Resp:	862653
Ion Ratio	Lower	Upper	
278	100		
139	15.6	12.3	18.5
279	24.3	20.1	30.1

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APPROVED

mohammad
7/20/2020 11:26:35 AM



#92

Benzo(g,h,i)perylene

Concen: 40.035 ng

RT: 17.28 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BF120912.D

Acq: 17 Jul 2020 9:53

Tgt Ion:	276	Resp:	854194
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	20.8	17.5	26.3

