

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091720\
 Data File : BF121600.D
 Acq On : 17 Sep 2020 16:23
 Operator : JU/CG
 Sample : PB131684BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Manual Integrations
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mohammad
 9/21/2020 10:32:18 AM

Quant Time: Sep 17 18:25:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170294	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	681662	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	361016	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	684992	20.00	ng	0.00
76) Chrysene-d12	13.98	240	567041	20.00	ng	-0.01
86) Perylene-d12	15.43	264	547245	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1035695	90.38	ng	0.01
7) Phenol-d6	6.46	99	1369957	91.13	ng	0.00
23) Nitrobenzene-d5	7.39	82	1173805	92.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	431466	96.16	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2051820	86.08	ng	-0.01
79) Terphenyl-d14	12.93	244	1921941	68.67	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	190424	36.172	ng	99
3) Pyridine	3.43	79	451031	30.991	ng	98
4) n-Nitrosodimethylamine	3.38	42	240776	35.667	ng	98
6) Aniline	6.49	93	498151	25.442	ng	96
8) 2-Chlorophenol	6.61	128	434575	37.249	ng	99
9) Benzaldehyde	6.37	77	260496	26.506	ng	99
10) Phenol	6.47	94	556846	34.784	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	439981	36.466	ng	97
12) 1,3-Dichlorobenzene	6.76	146	471498	36.208	ng	99
13) 1,4-Dichlorobenzene	6.84	146	484738	37.072	ng	99
14) 1,2-Dichlorobenzene	6.99	146	432752	35.927	ng	99
15) Benzyl Alcohol	6.97	79	377313	36.926	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	701049	36.107	ng	96
17) 2-Methylphenol	7.08	107	375329	37.809	ng	96
18) Hexachloroethane	7.33	117	178289	38.081	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	318706	36.784	ng	99
20) 3+4-Methylphenols	7.23	107	438279	36.747	ng	# 86
22) Acetophenone	7.23	105	602771	34.852	ng	94
24) Nitrobenzene	7.40	77	482027	35.104	ng	99
25) Isophorone	7.65	82	897453	35.116	ng	99
26) 2-Nitrophenol	7.72	139	235263	37.013	ng	95
27) 2,4-Dimethylphenol	7.76	122	396791	34.782	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	552882	34.945	ng	99
29) 2,4-Dichlorophenol	7.97	162	373277	35.925	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	393024	35.915	ng	98
31) Naphthalene	8.13	128	1272470	35.362	ng	99
32) Benzoic acid	7.89	122	282815	35.362	ng	97
33) 4-Chloroaniline	8.17	127	364605	23.375	ng	99
34) Hexachlorobutadiene	8.25	225	228786	35.618	ng	99
35) Caprolactam	8.55	113	120395m	34.794	ng	
36) 4-Chloro-3-methylphenol	8.66	107	403953	36.089	ng	100
37) 2-Methylnaphthalene	8.82	142	849860	36.039	ng	100
38) 1-Methylnaphthalene	8.92	142	797846	36.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	386862	34.305	ng	99

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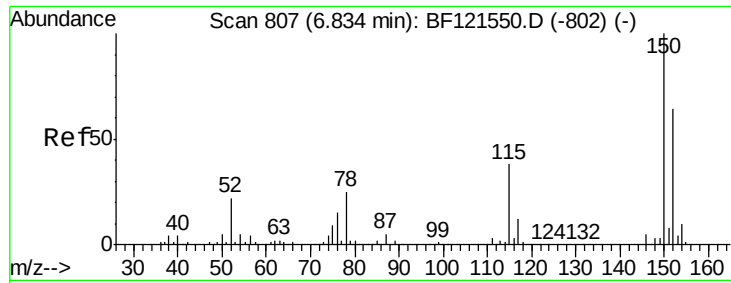
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	477177	74.096	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	275572	35.851	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	292648	36.014	nq	# 95
46) 1,1'-Biphenyl	9.28	154	1010229	34.954	nq	99
47) 2-Chloronaphthalene	9.30	162	782038	34.337	nq	99
48) 2-Nitroaniline	9.40	65	271311	38.335	nq	93
49) Acenaphthylene	9.72	152	1253056	35.808	nq	100
50) Dimethylphthalate	9.59	163	929081	35.507	nq	99
51) 2,6-Dinitrotoluene	9.65	165	211031	37.870	nq	98
52) Acenaphthene	9.89	154	848943m	38.410	nq	
53) 3-Nitroaniline	9.81	138	158546	24.560	nq	97
54) 2,4-Dinitrophenol	9.92	184	214392	68.209	nq	95
55) Dibenzofuran	10.06	168	1083213	34.801	nq	98
56) 4-Nitrophenol	9.99	139	352892	68.547	nq	97
57) 2,4-Dinitrotoluene	10.05	165	282914	40.356	nq	96
58) Fluorene	10.41	166	822524	34.556	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247990	37.539	nq	98
60) Diethylphthalate	10.28	149	917255	35.955	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	405248	35.541	nq	98
62) 4-Nitroaniline	10.43	138	220460	34.396	nq	99
63) Azobenzene	10.56	77	944934	34.782	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	151296	37.708	nq	89
66) n-Nitrosodiphenylamine	10.52	169	801709	34.115	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	276422	35.444	nq	98
68) Hexachlorobenzene	10.96	284	304987	34.652	nq	# 91
69) Atrazine	11.05	200	232234	39.776	nq	99
70) Pentachlorophenol	11.15	266	341355	70.622	nq	99
71) Phenanthrene	11.37	178	1262133	33.818	nq	99
72) Anthracene	11.42	178	1307889	33.959	nq	99
73) Carbazole	11.57	167	1166902	33.575	nq	99
74) Di-n-butylphthalate	11.90	149	1405252	35.032	nq	100
75) Fluoranthene	12.56	202	1362210	34.192	nq	97
77) Benzidine	12.67	184	714262	37.996	nq	100
78) Pyrene	12.79	202	1396568	33.709	nq	99
80) Butylbenzylphthalate	13.40	149	614366	36.666	nq	93
81) Benzo(a)anthracene	13.97	228	1226418	34.187	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	364775	26.046	nq	99
83) Chrysene	14.01	228	1222224	33.645	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	791944	35.380	nq	99
85) Di-n-octyl phthalate	14.57	149	1453292	36.789	nq	99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1274709	35.768	nq	99
88) Benzo(b)fluoranthene	15.01	252	1324505	36.205	nq	99
89) Benzo(k)fluoranthene	15.04	252	1114748m	33.275	nq	
90) Benzo(a)pyrene	15.37	252	1098621	35.328	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	1052945	35.493	nq	98
92) Benzo(g,h,i)perylene	17.30	276	1041208	35.705	nq	98

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



#1

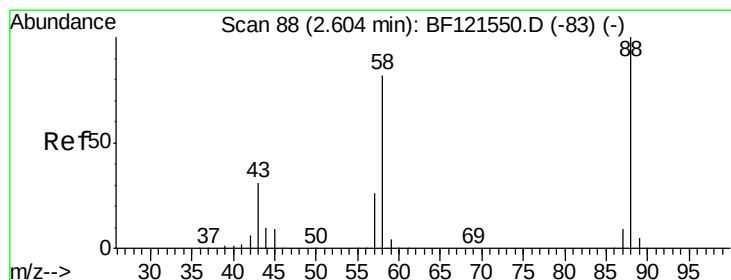
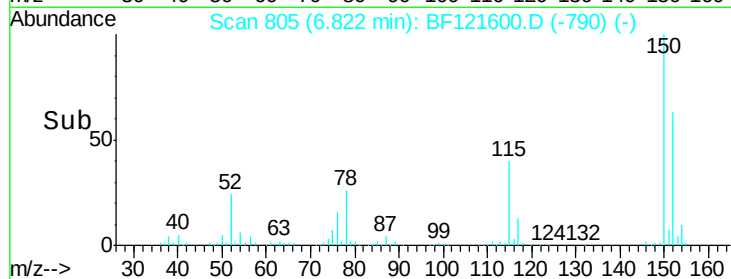
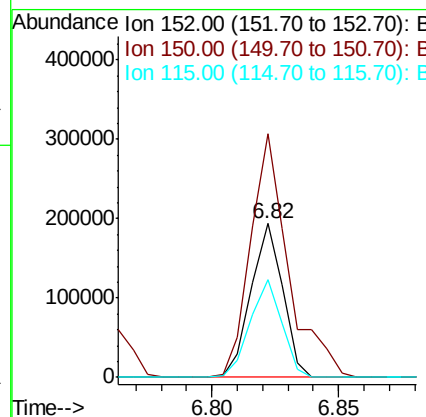
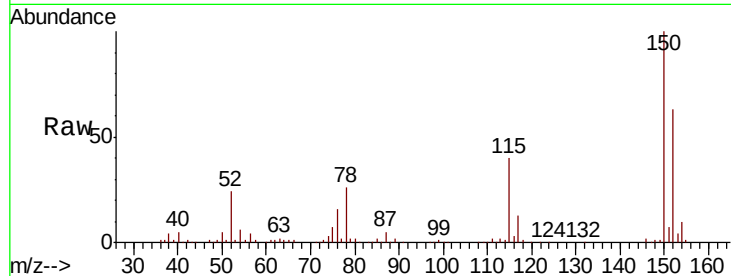
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.8	188.6
115	63.5	47.8	71.8

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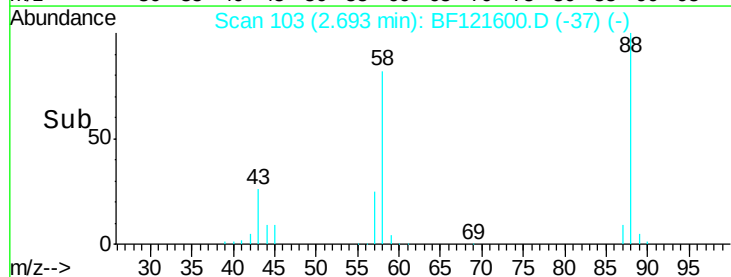
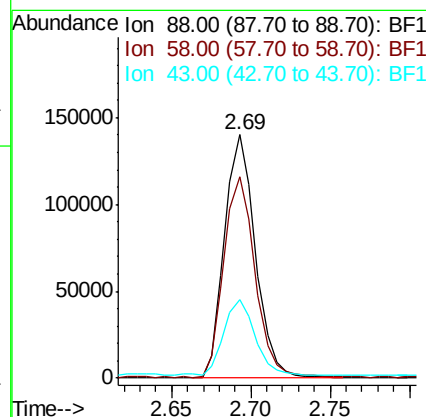
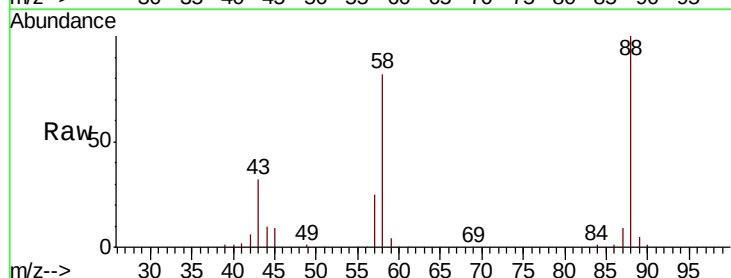
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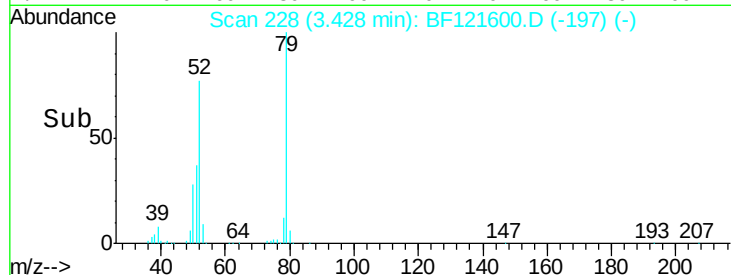
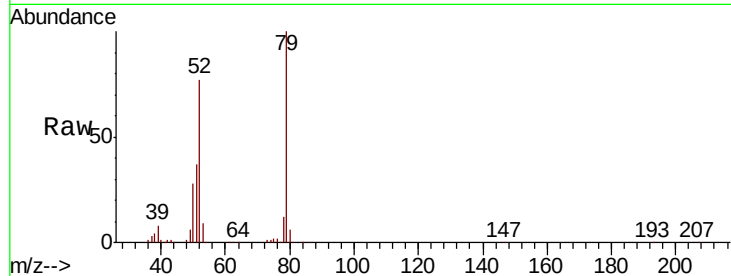
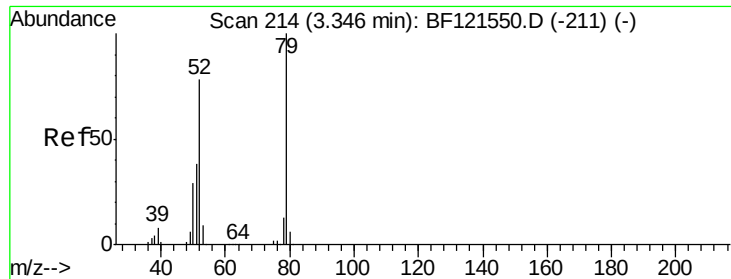


#2

1,4-Dioxane
Concen: 36.172 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.09 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	65.1	97.7
43	31.5	25.0	37.4





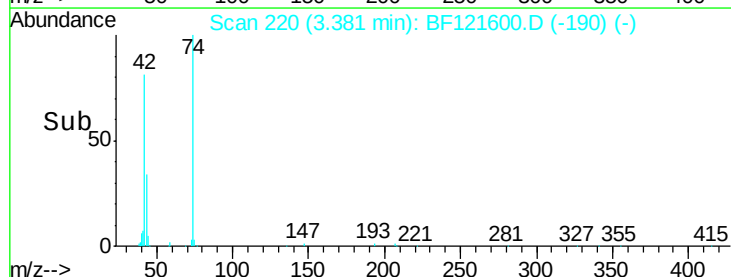
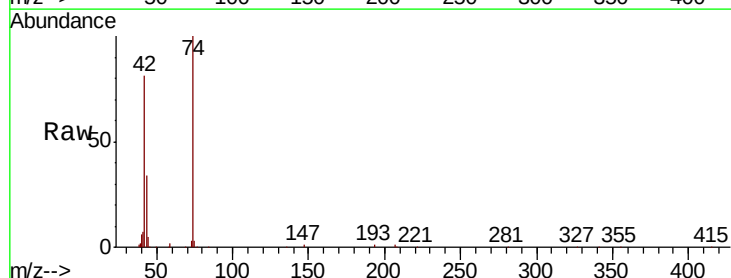
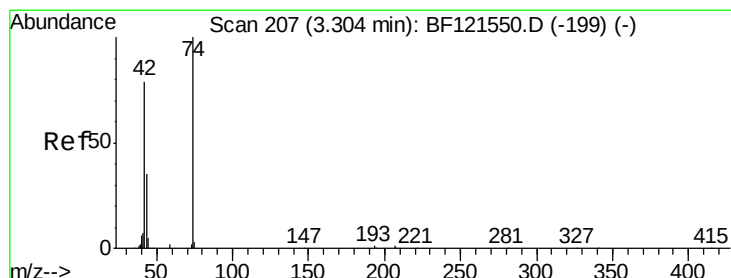
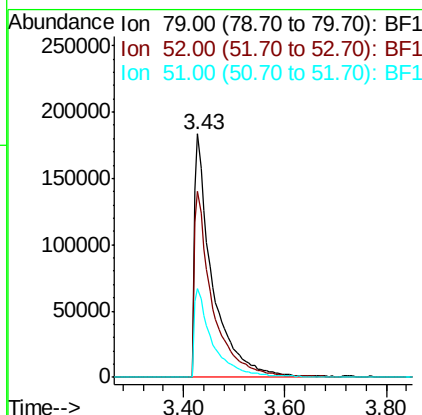
#3
Pvridine
Concen: 30.991 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.08 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.5	62.2	93.2
51	36.6	30.6	45.8

Instrument :
BNA_F
ClientSampleId :
PB131684BS

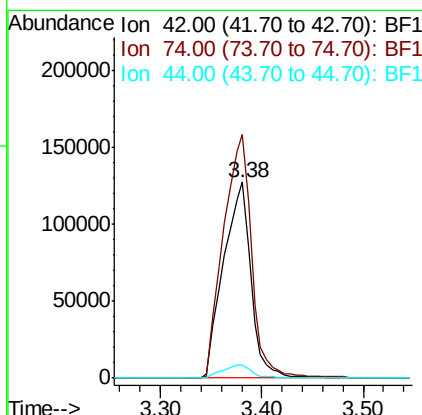
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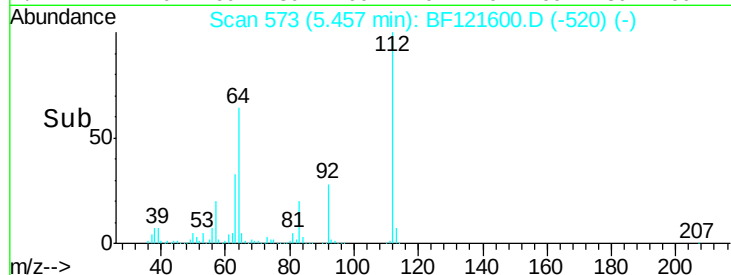
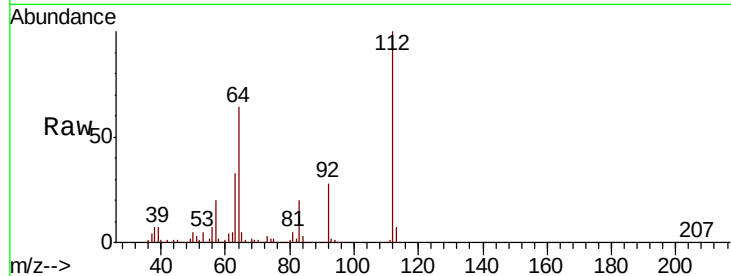
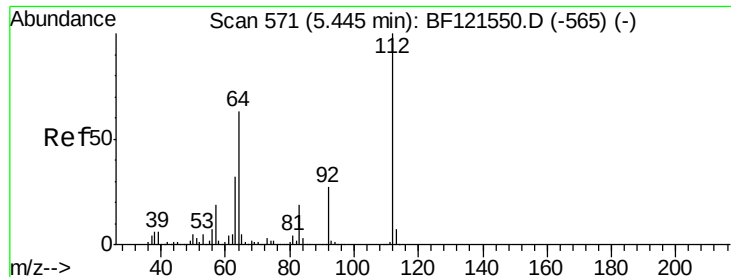
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#4
n-Nitrosodimethylamine
Concen: 35.667 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.08 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.2	101.7	152.5
44	6.8	5.4	8.2





#5

2-Fluorophenol

Concen: 90.383 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tot Ion:	112	Resp:	1035695
Ion	Ratio	Lower	Upper
112	100		
64	64.0	50.3	75.5
63	32.8	25.6	38.4

Instrument :

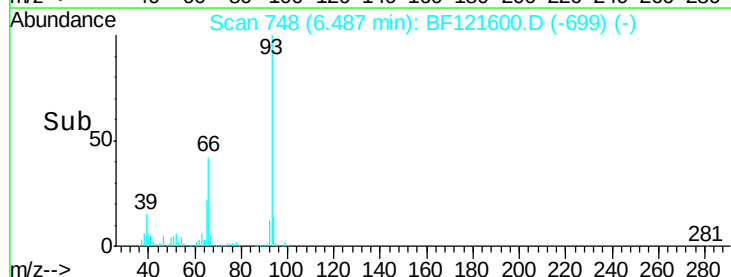
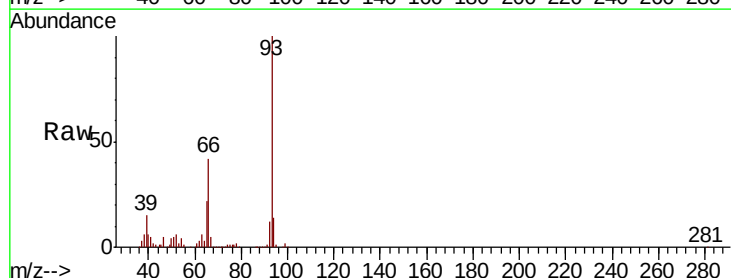
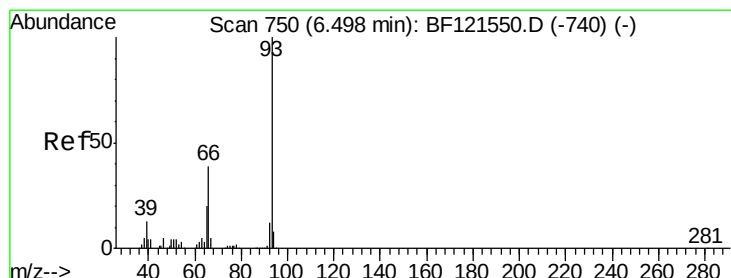
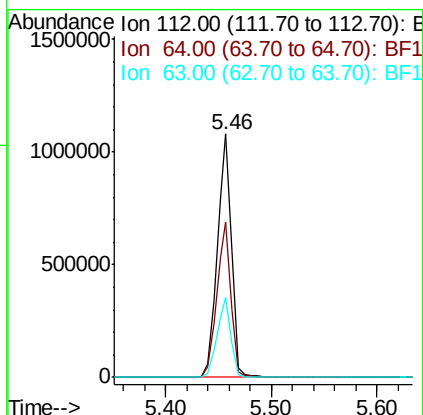
BNA_F

ClientSampleId :

PB131684BS

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#6

Aniline

Concen: 25.442 ng

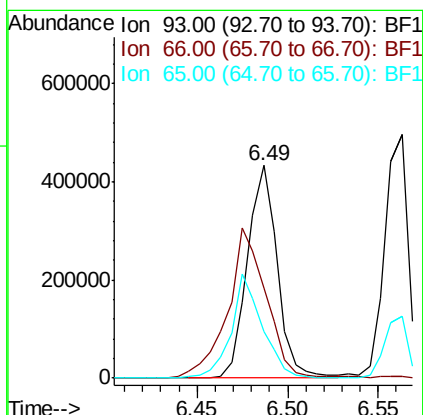
RT: 6.49 min Scan# 748

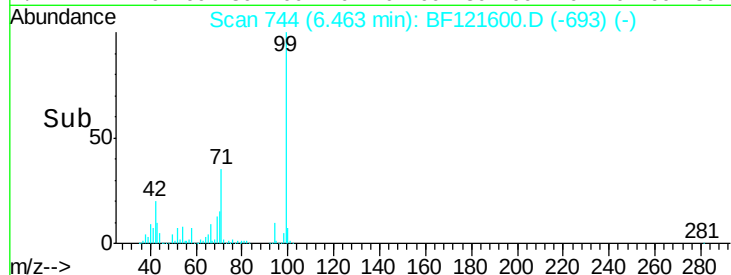
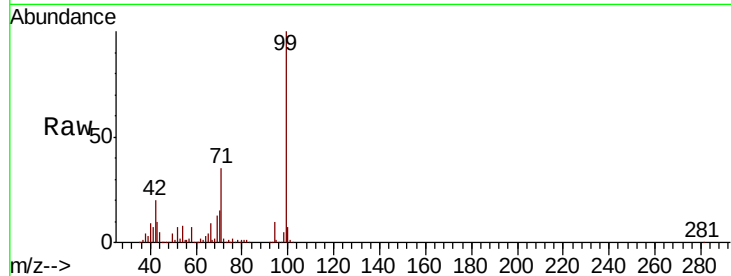
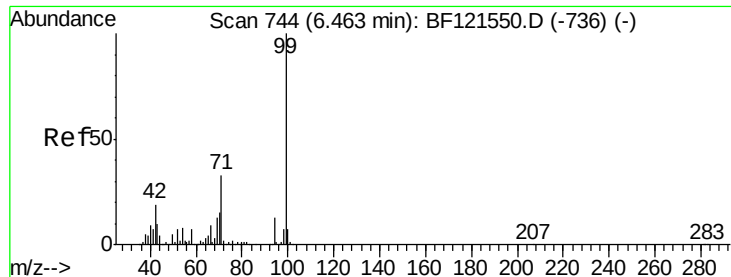
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	93	Resp:	498151
Ion	Ratio	Lower	Upper
93	100		
66	42.4	31.8	47.8
65	21.9	16.2	24.2





#7

Phenol-d6

Concen: 91.127 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tot Ion:	99	Resp:	1369957
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.5	23.3
71	34.9	26.1	39.1

Instrument :

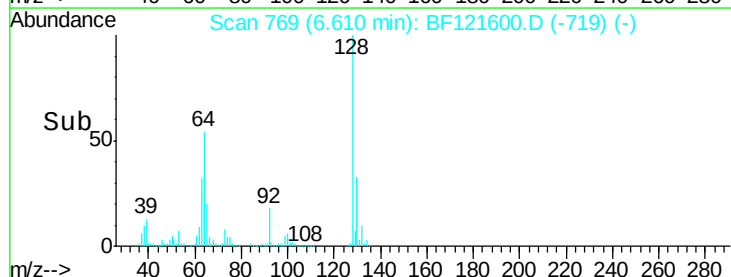
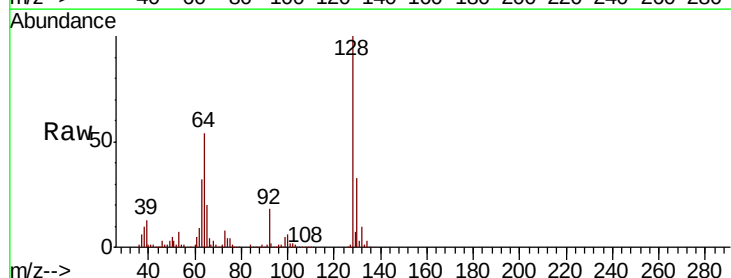
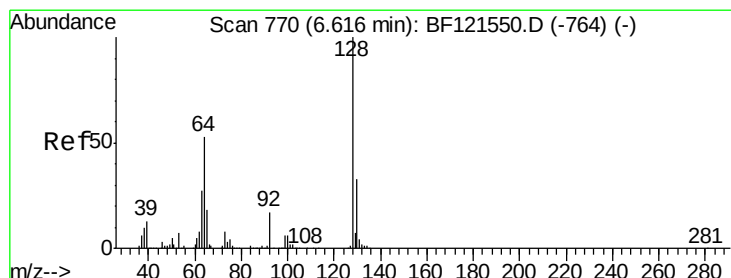
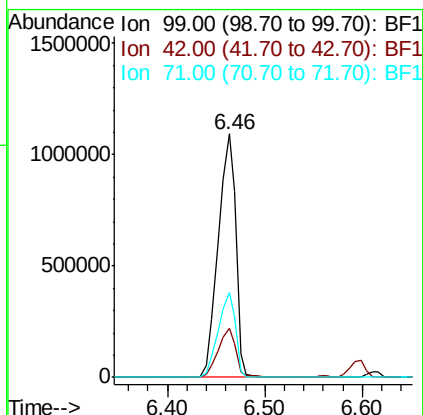
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#8

2-Chlorophenol

Concen: 37.249 ng

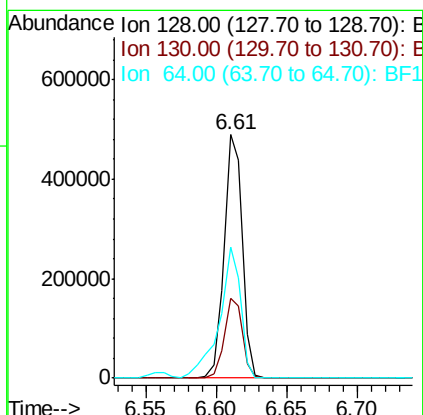
RT: 6.61 min Scan# 769

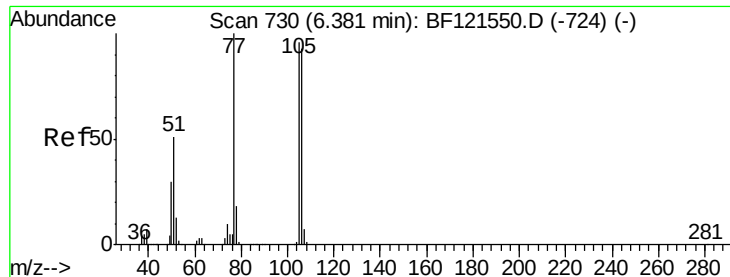
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	128	Resp:	434575
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	53.7	33.1	73.1





#9

Benzaldehyde

Concen: 26.506 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

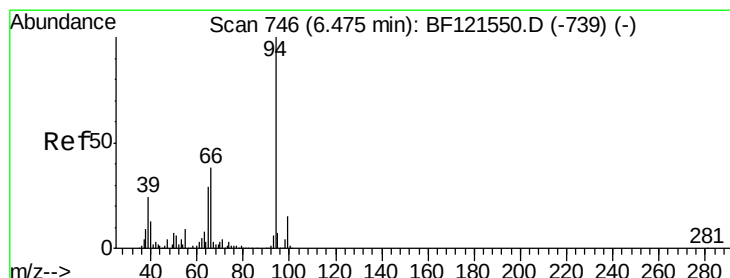
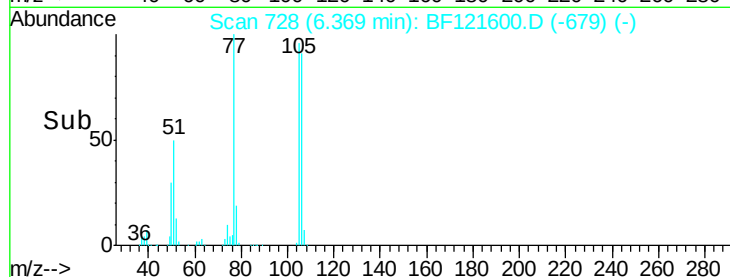
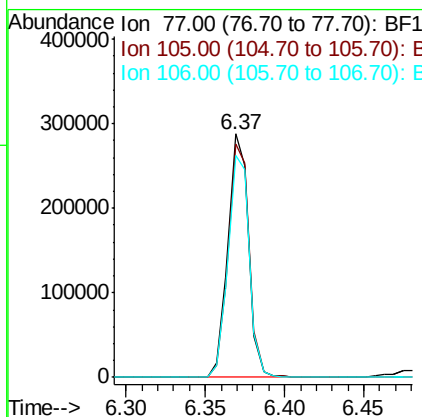
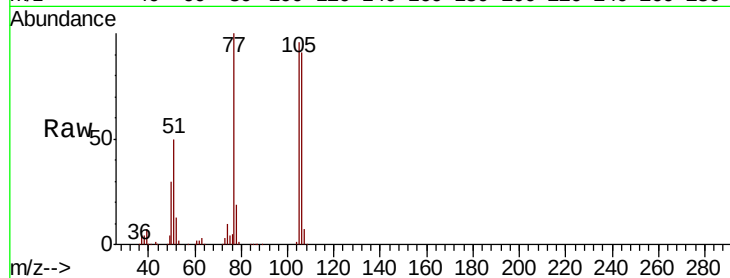
ClientSampleId :

PB131684BS

Tot Ion:	77	Resp:	260496
Ion Ratio	Lower	Upper	
77	100		
105	95.9	76.4	116.4
106	91.2	73.5	113.5

Manual Integrations
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#10

Phenol

Concen: 34.784 ng

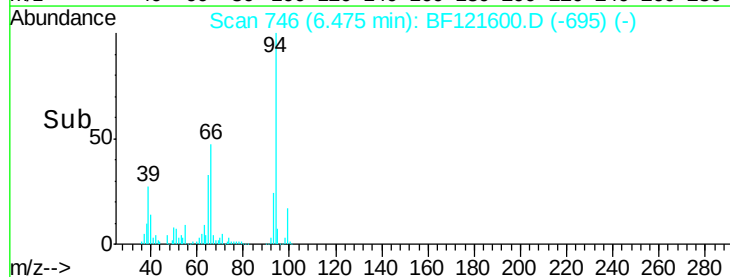
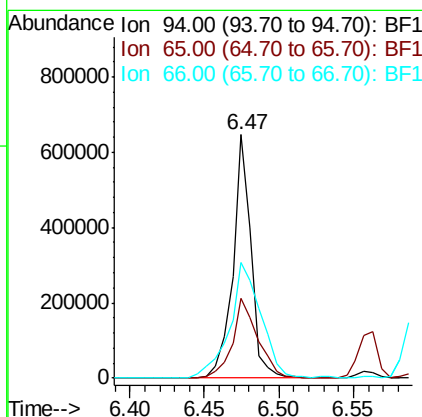
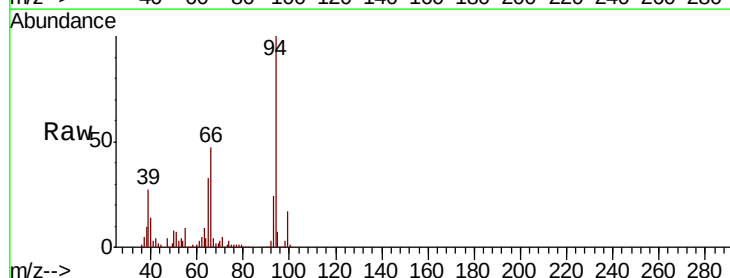
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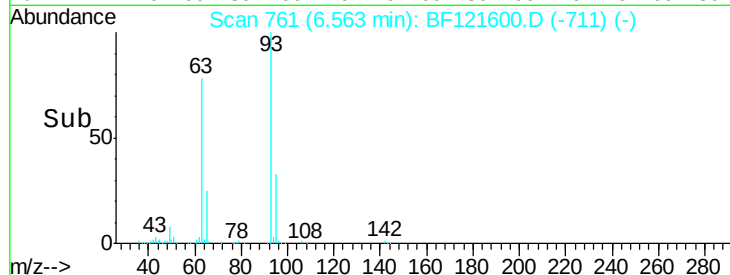
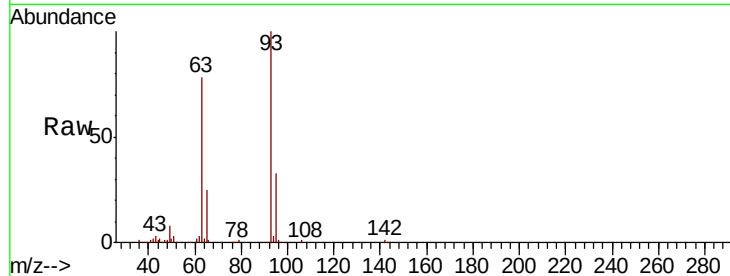
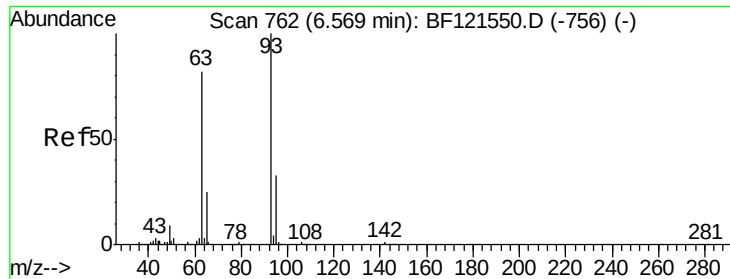
Delta R.T. -0.00 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	94	Resp:	556846
Ion Ratio	Lower	Upper	
94	100		
65	32.6	9.4	49.4
66	47.3	18.3	58.3





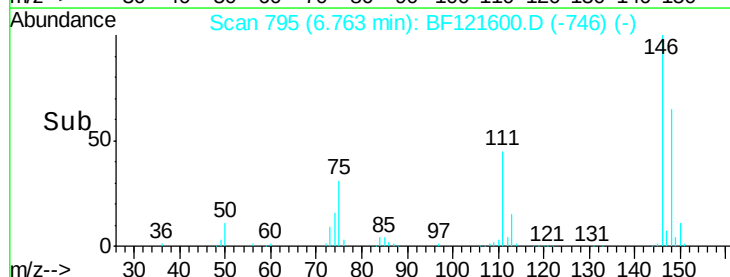
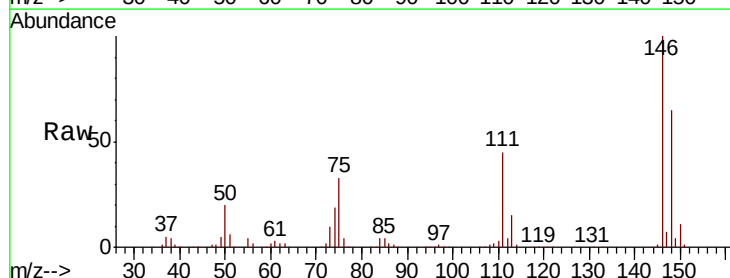
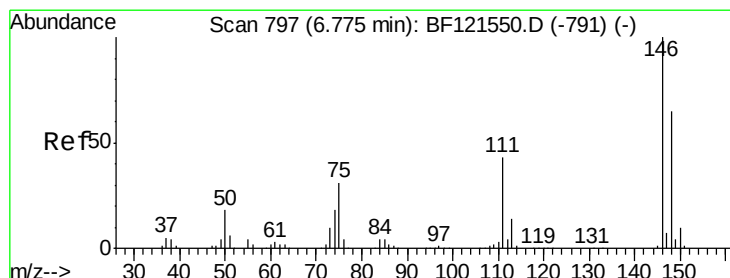
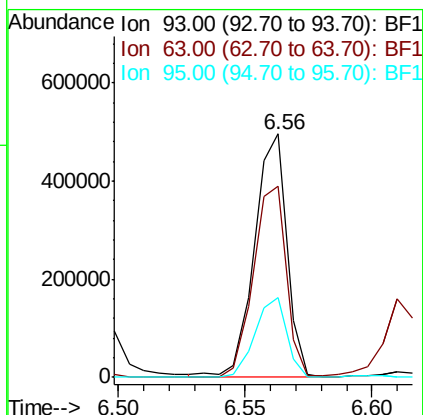
#11
bis(2-Chloroethyl)ether
Concen: 36.466 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tot Ion:	93	Resp:	439981
Ion Ratio	Lower	Upper	
93	100		
63	78.4	61.7	101.7
95	32.5	12.7	52.7

Instrument :
BNA_F
ClientSampleId :
PB131684BS

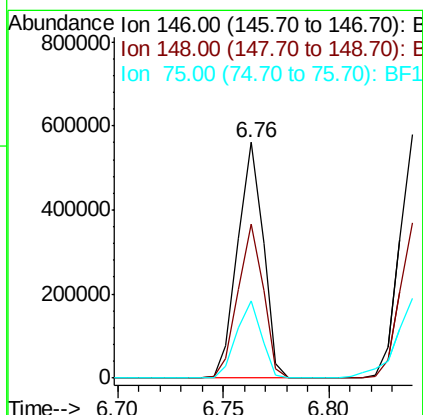
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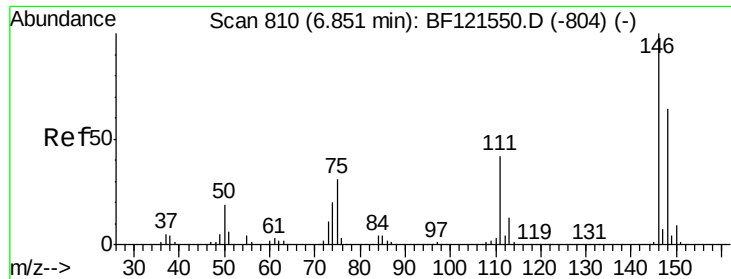
mohammad
9/21/2020 10:32:18 AM



#12
1,3-Dichlorobenzene
Concen: 36.208 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:	146	Resp:	471498
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.8
75	32.6	24.6	36.8





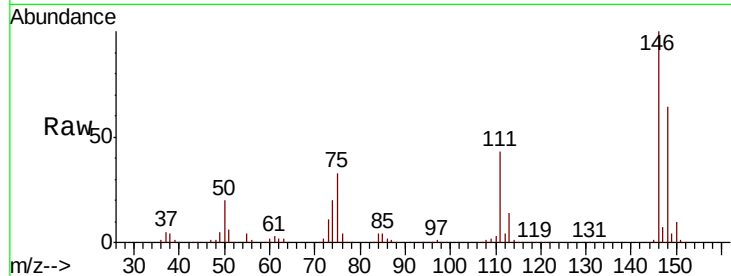
#13
1,4-Dichlorobenzene
Concen: 37.072 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	42.6	33.4	50.0

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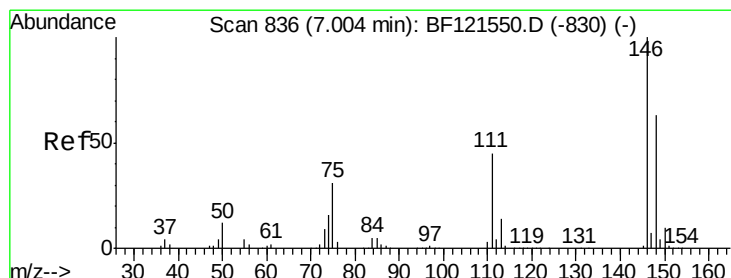
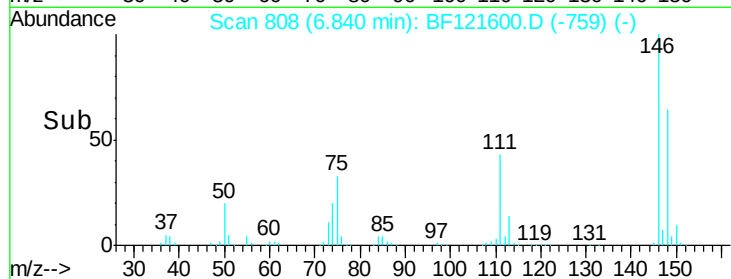
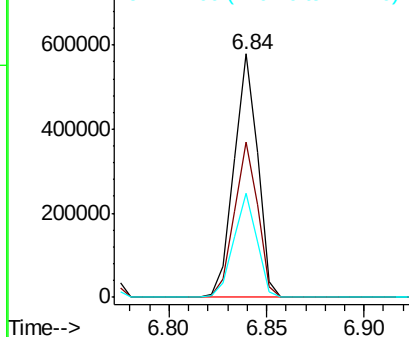


Abundance

Ion 146.00 (145.70 to 146.70): E

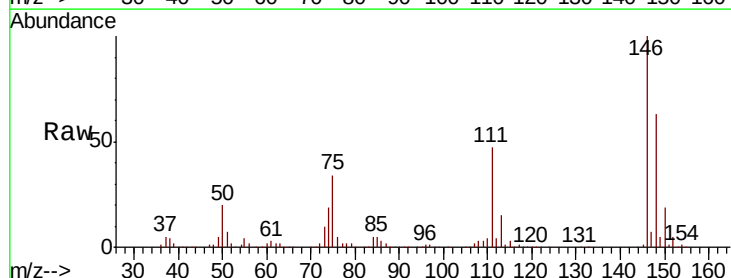
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 35.927 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	46.6	35.8	53.6

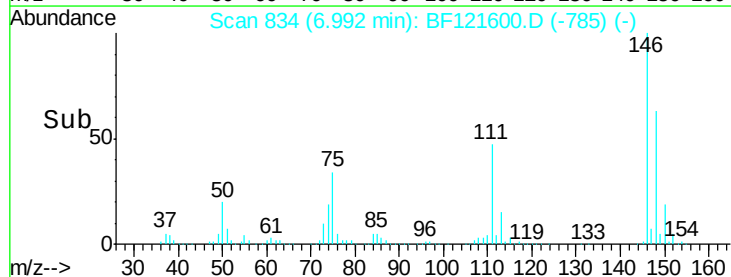
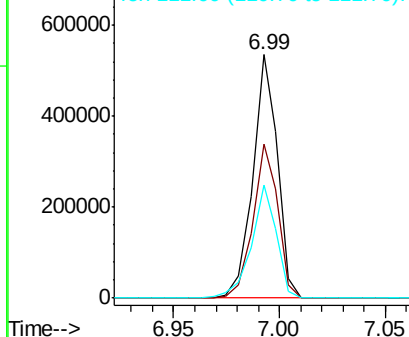


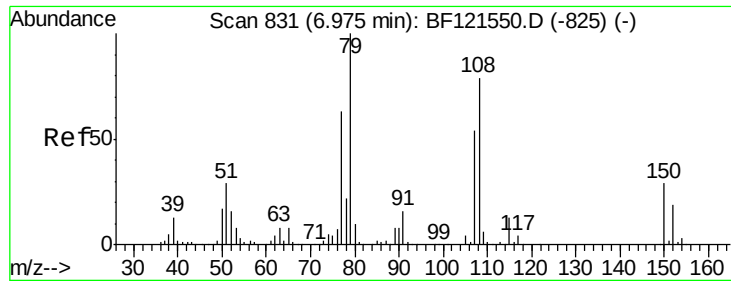
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





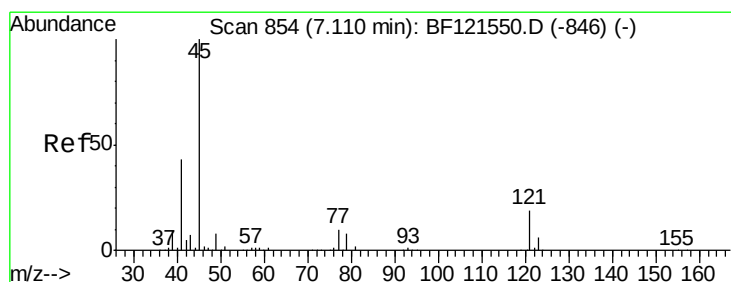
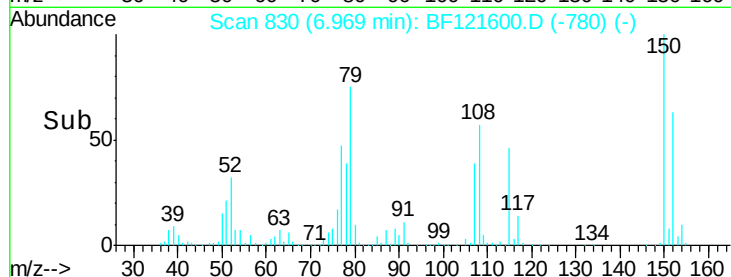
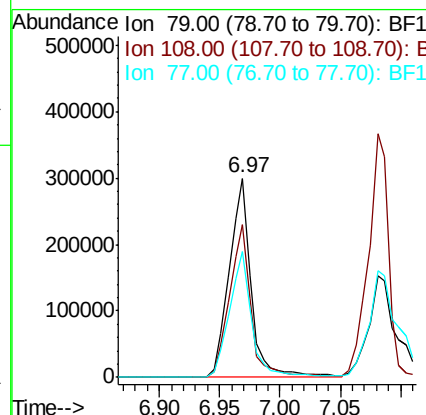
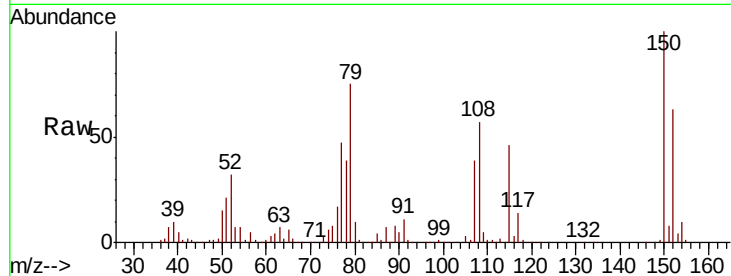
#15
Benzvl Alcohol
Concen: 36.926 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampled :
PB131684BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	63.1	94.7
77	63.1	50.2	75.2

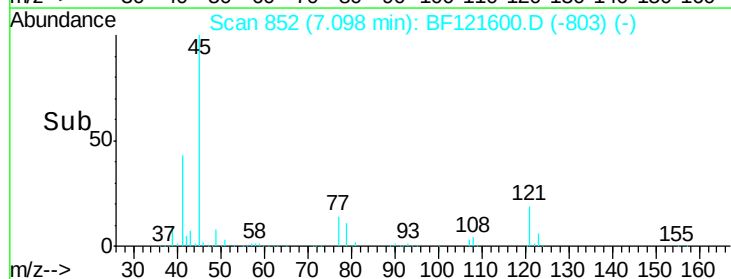
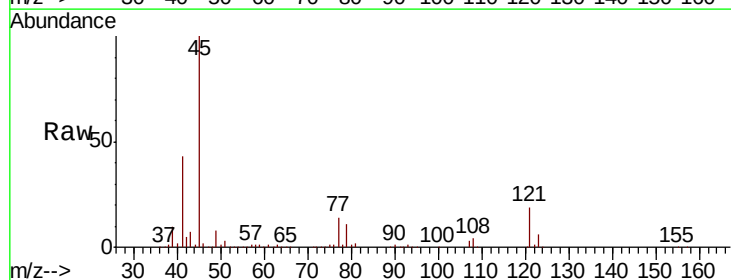
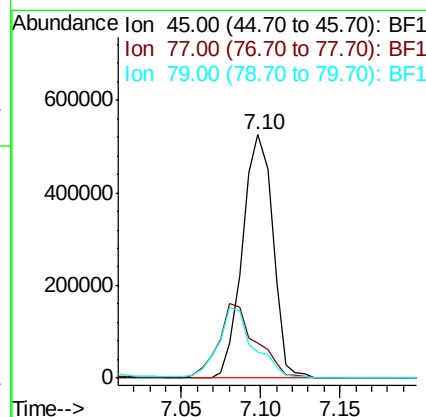
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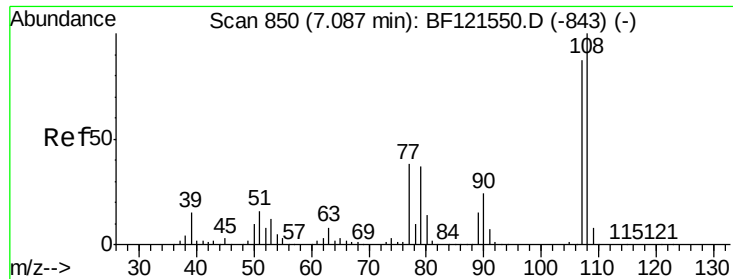
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.107 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.3	0.0	32.5
79	10.8	0.0	29.8





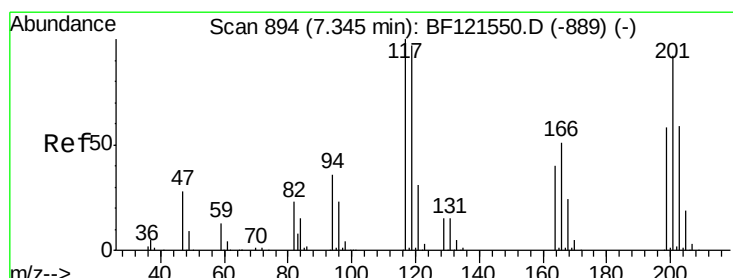
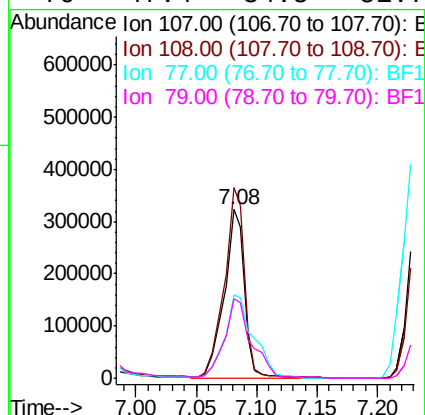
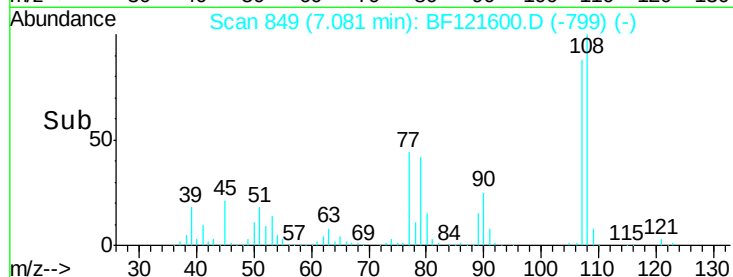
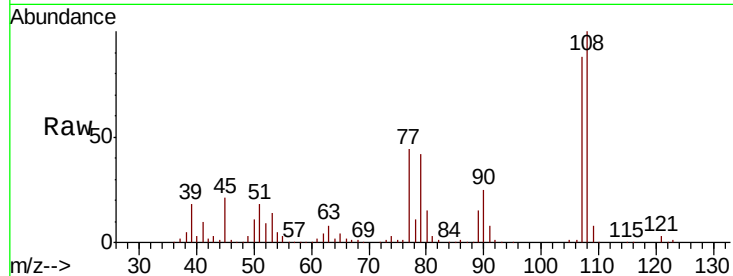
#17
2-Methylphenol
Concen: 37.809 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	92.1	138.1	
77	49.5	35.5	53.3	
79	47.4	34.5	51.7	

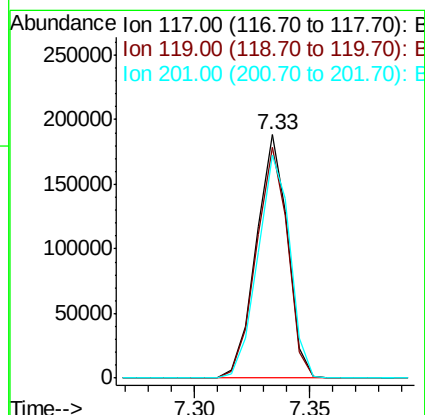
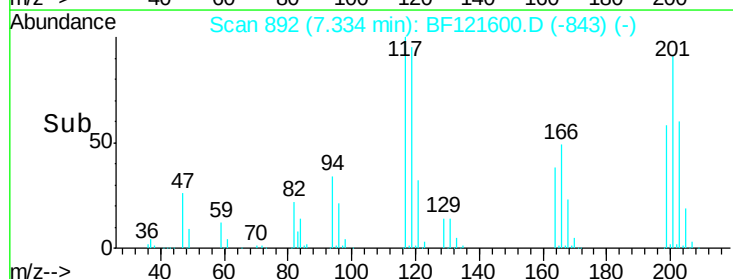
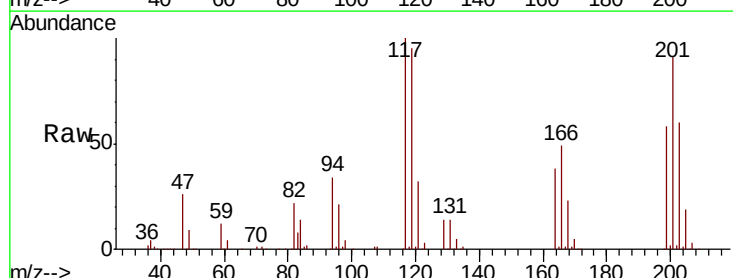
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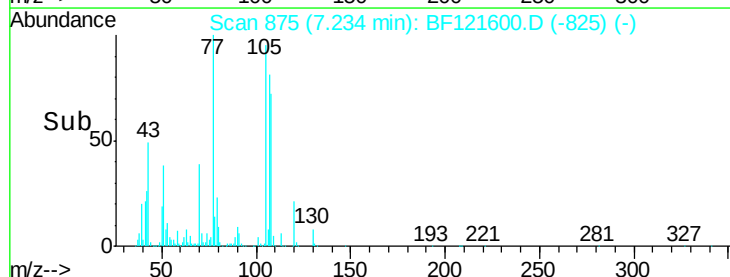
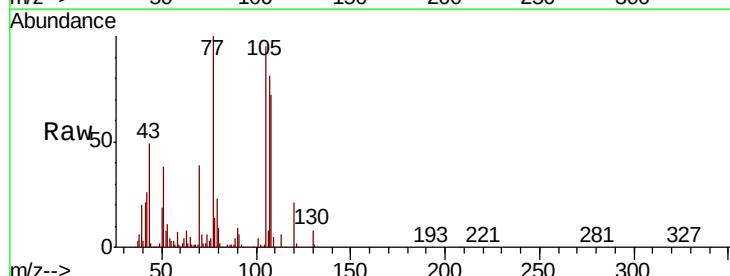
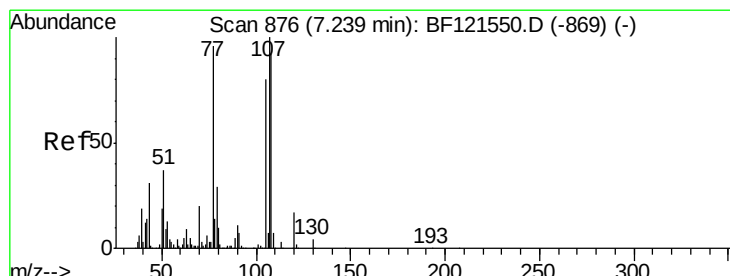
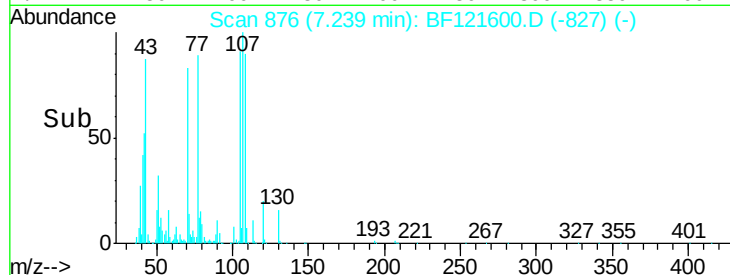
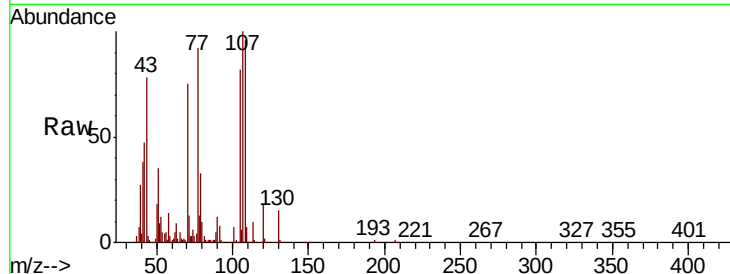
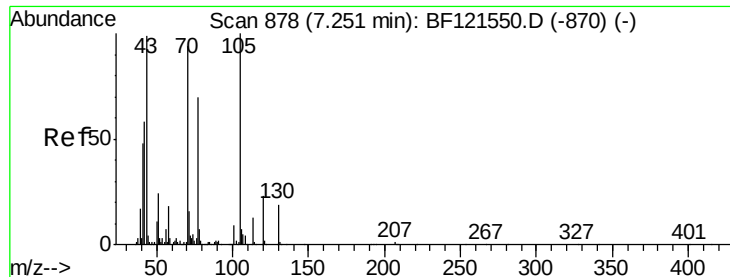
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#18
Hexachloroethane
Concen: 38.081 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.2	115.8	
201	91.4	73.7	110.5	





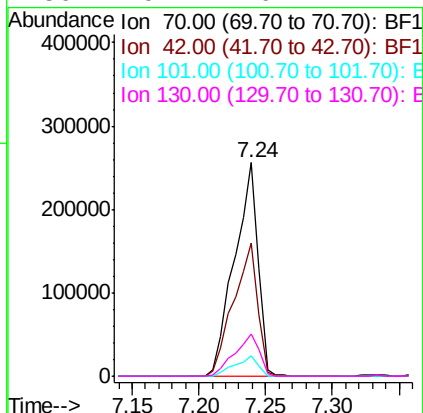
#19
n-Nitroso-di-n-propylamine
Concen: 36.784 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.2	49.4	74.2	
101	9.3	7.6	11.4	
130	19.7	16.2	24.4	

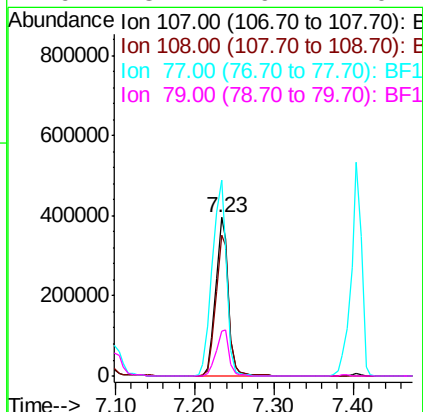
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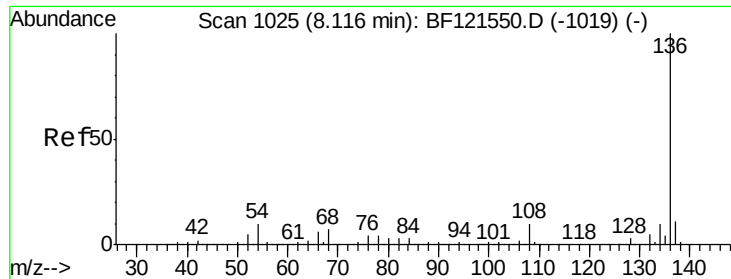
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#20
3+4-Methylphenols
Concen: 36.747 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	71.8	111.8	
77	123.2	75.5	115.5#	
79	28.1	9.2	49.2	





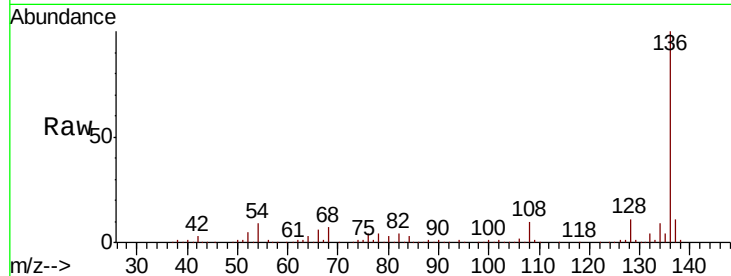
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

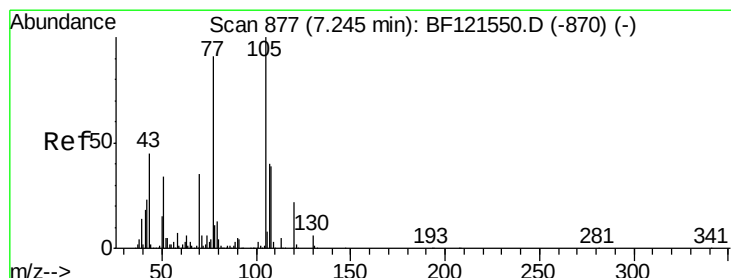
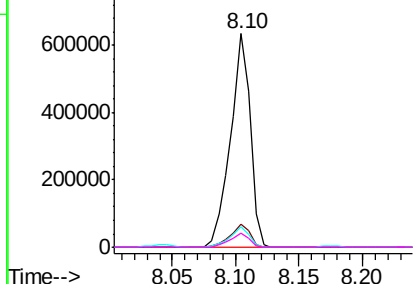
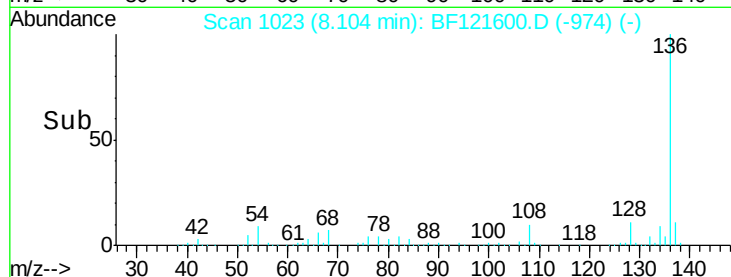
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		681662		
137	10.8		9.0	13.6	
54	9.4		7.6	11.4	
68	6.9		5.7	8.5	

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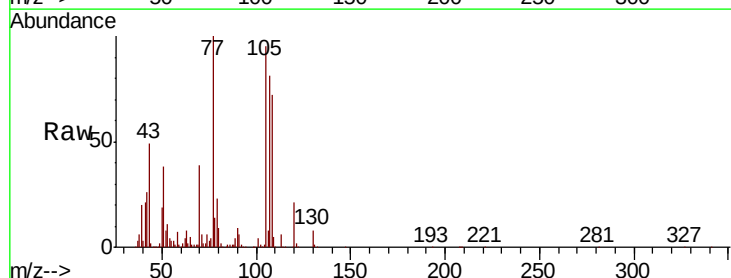


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

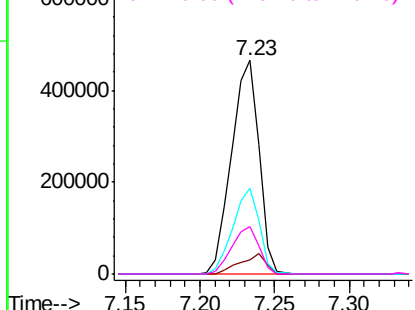
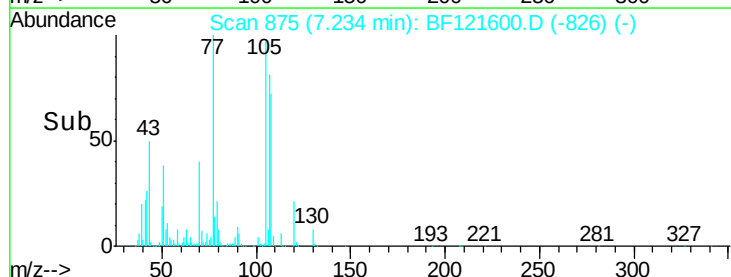


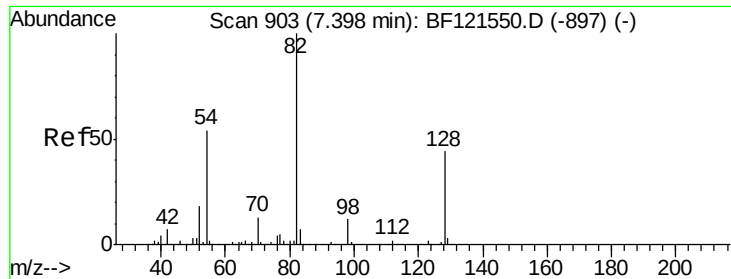
#22
Acetophenone
Concen: 34.852 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		602771		
71	6.7		4.6	7.0	
51	40.3		27.6	41.4	
120	22.0		17.4	26.2	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





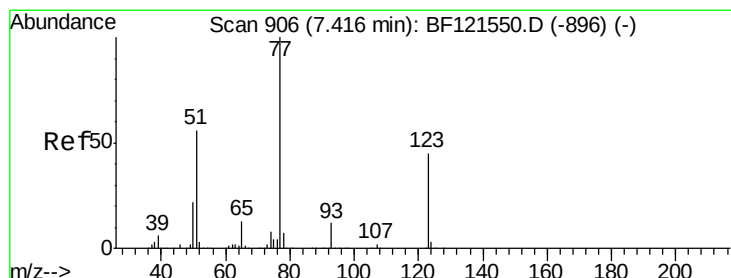
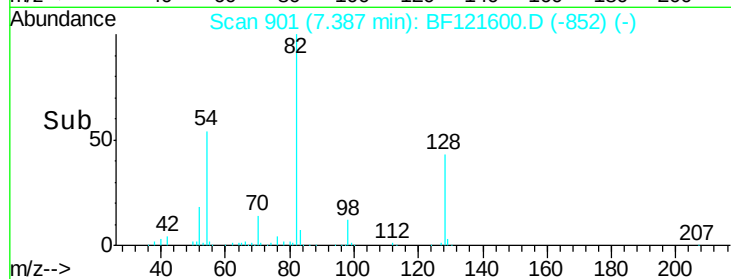
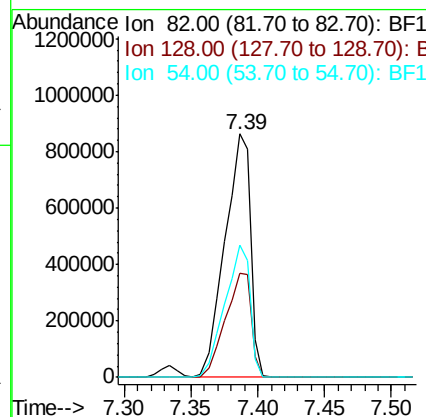
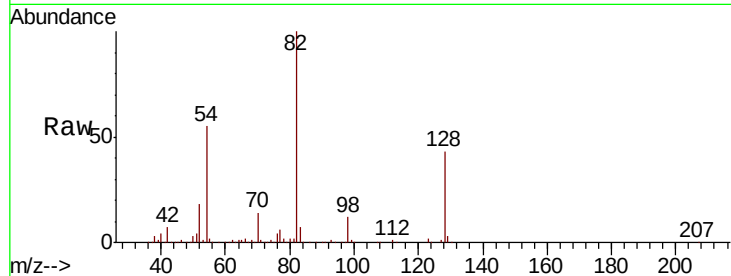
#23
 Nitrobenzene-d5
 Concen: 92.456 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.1	52.7
54	54.5	43.0	64.6

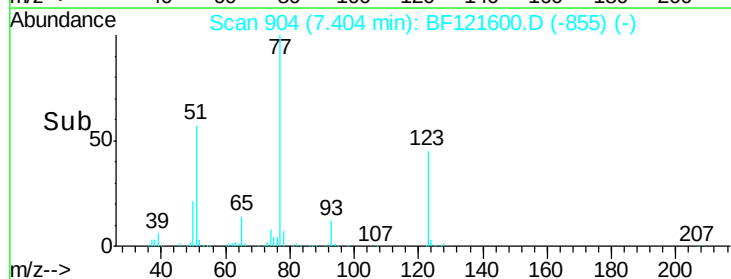
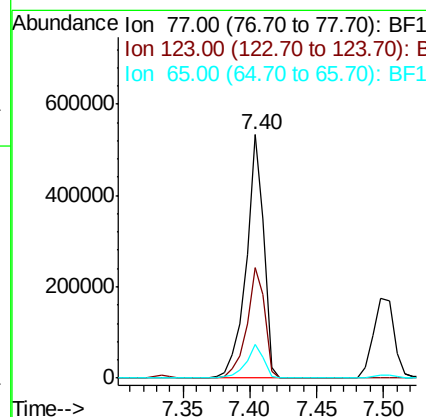
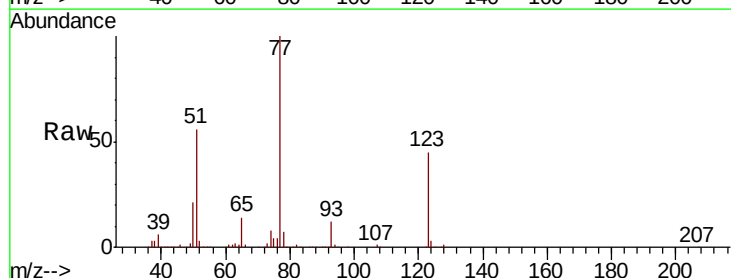
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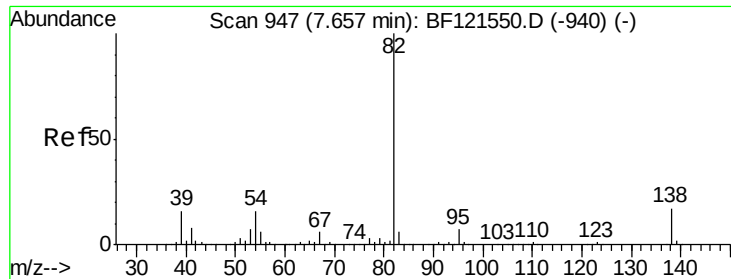
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#24
 Nitrobenzene
 Concen: 35.104 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.8	53.8
65	13.8	10.7	16.1





#25

Isophorone

Concen: 35.116 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

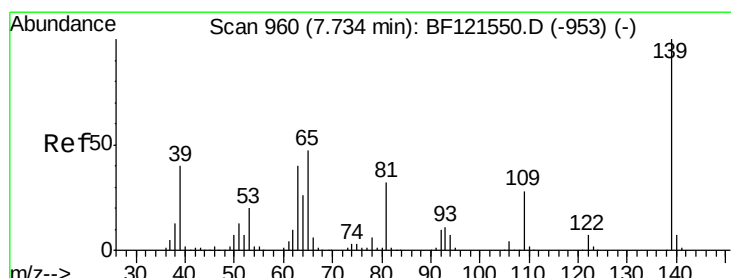
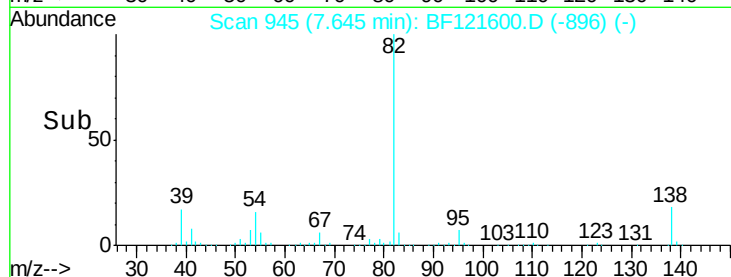
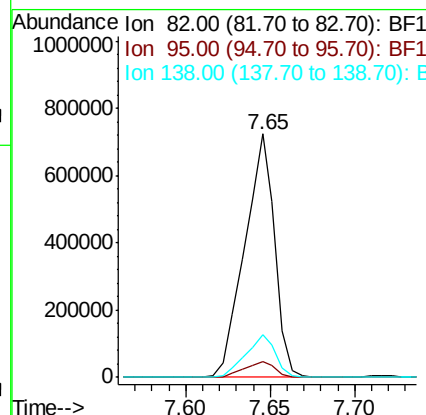
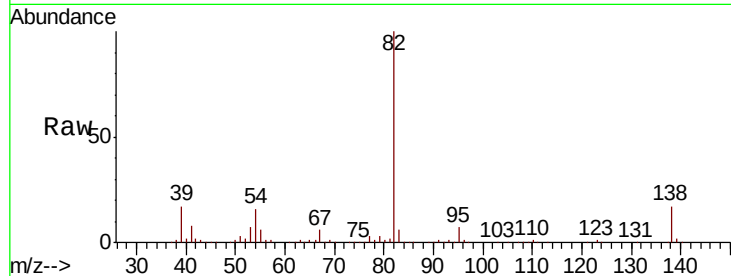
ClientSampleId :

PB131684BS

Tot Ion:	82	Resp:	897453
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	17.5	13.7	20.5

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#26

2-Nitrophenol

Concen: 37.013 ng

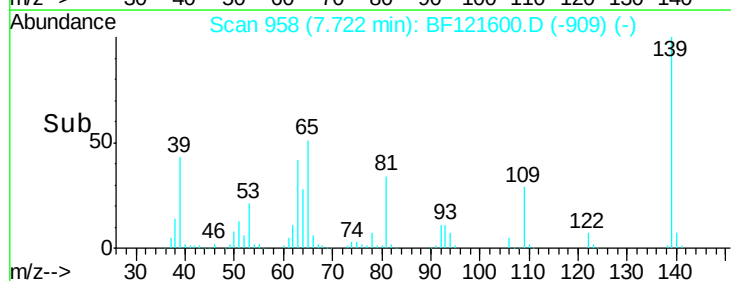
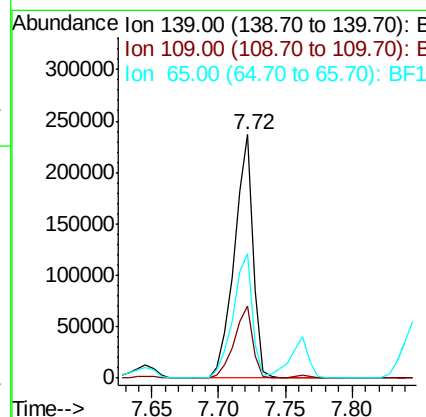
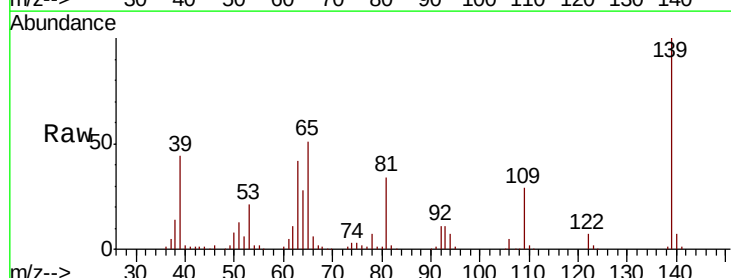
RT: 7.72 min Scan# 958

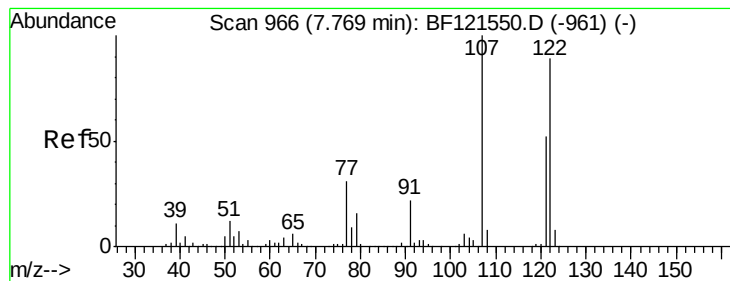
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	139	Resp:	235263
Ion Ratio	Lower	Upper	
139	100		
109	29.5	22.4	33.6
65	51.2	37.6	56.4





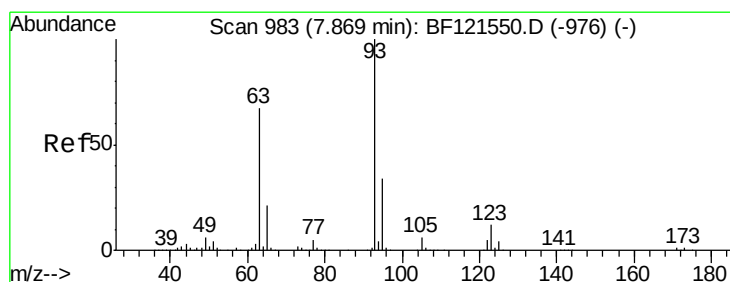
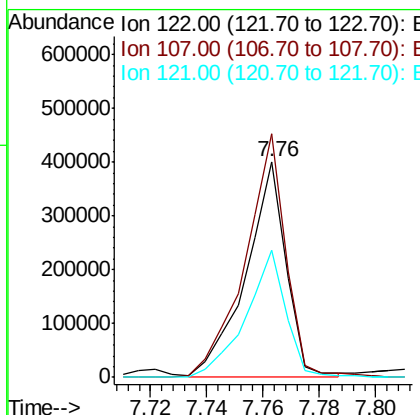
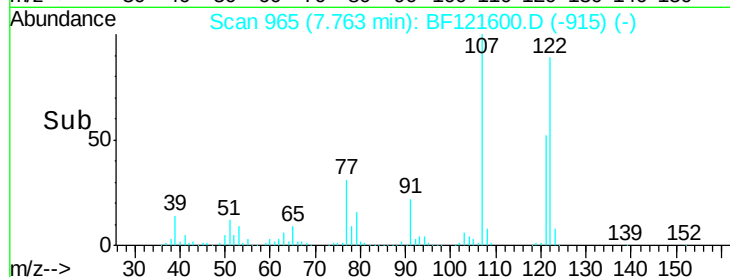
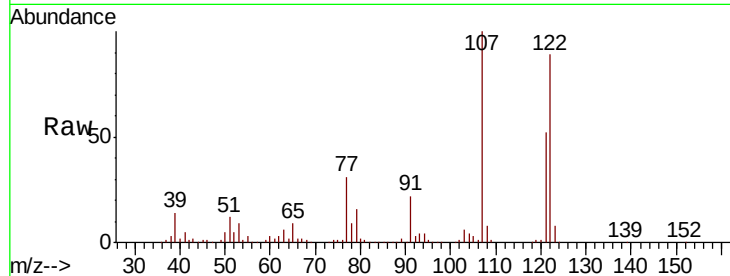
#27
 2,4-Dimethylphenol
 Concen: 34.782 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		396791		
107	112.9	89.5	134.3		
121	59.0	46.6	70.0		

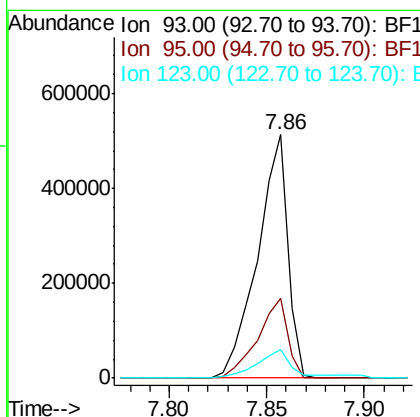
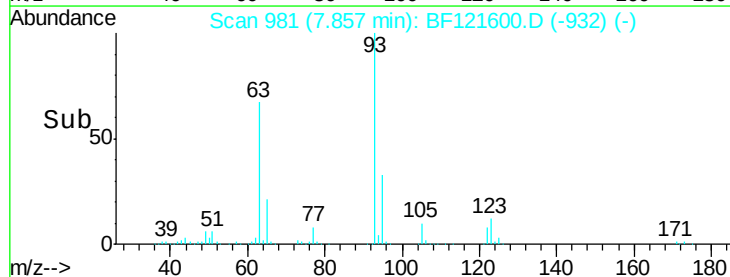
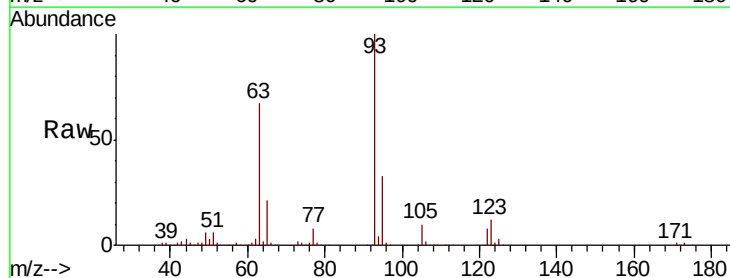
Manual Integrations
 APPROVED

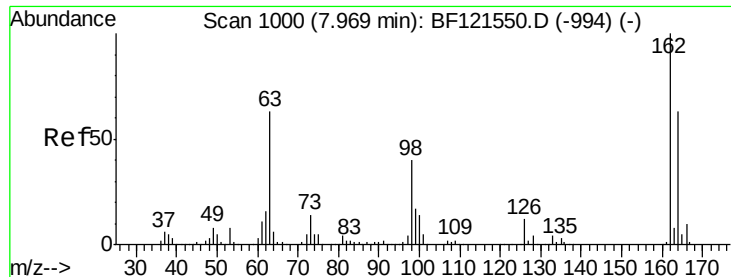
mohammad
 9/21/2020 10:32:18 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.945 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		552882		
95	32.6	26.8	40.2		
123	11.7	9.7	14.5		





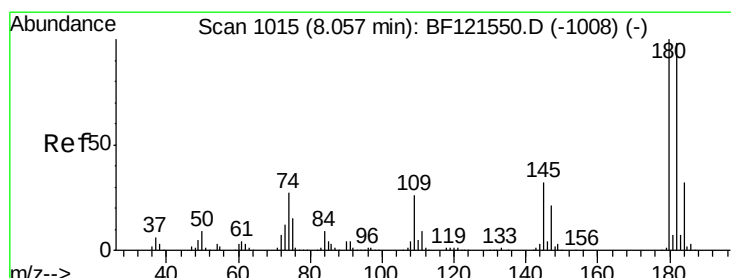
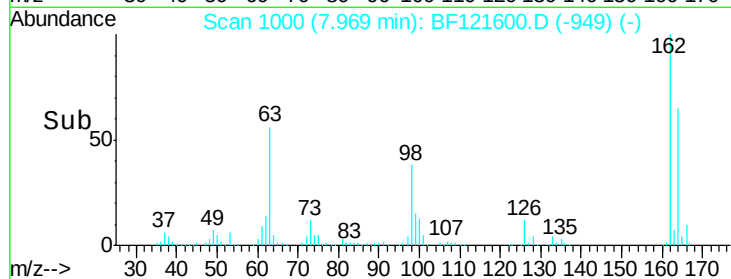
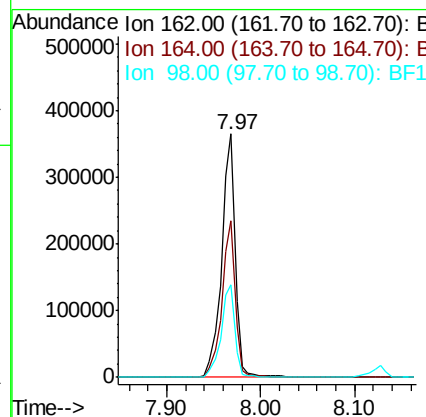
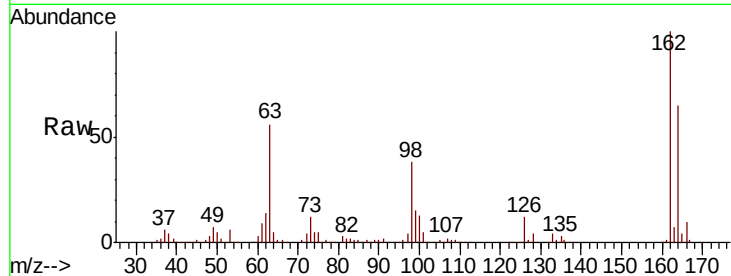
#29
 2,4-Dichlorophenol
 Concen: 35.925 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	373277		
164	64.5	43.5	83.5	
98	37.9	20.2	60.2	

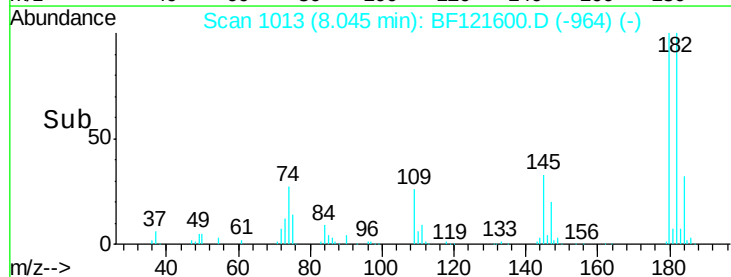
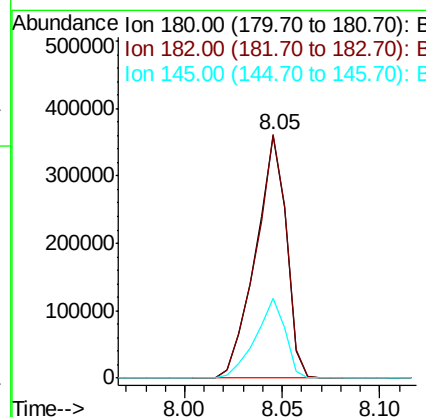
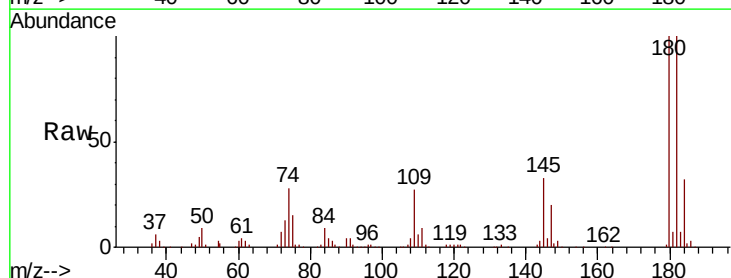
Manual Integrations
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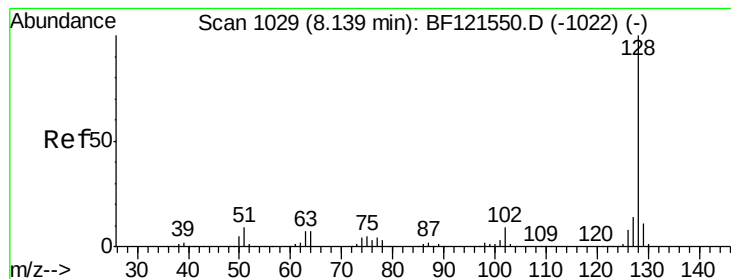
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.915 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393024		
182	100.4	78.7	118.1	
145	33.0	26.0	39.0	





#31

Naphthalene

Concen: 35.362 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:128 Resp: 1272470

Ion Ratio Lower Upper

128 100

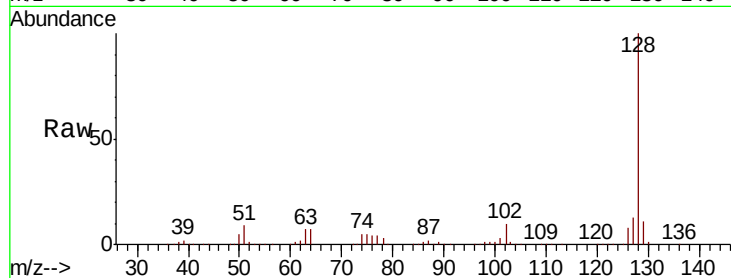
129 11.3 9.1 13.7

127 13.4 11.0 16.6

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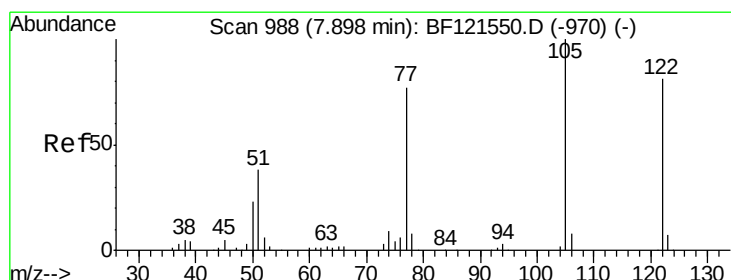
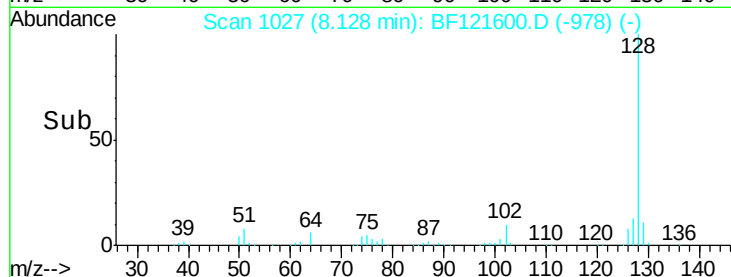
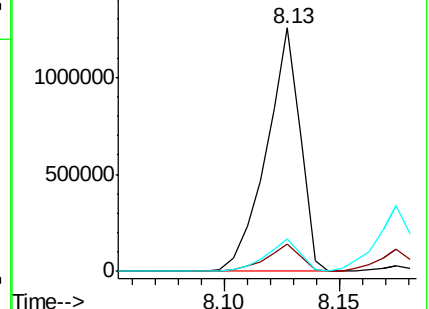
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.362 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

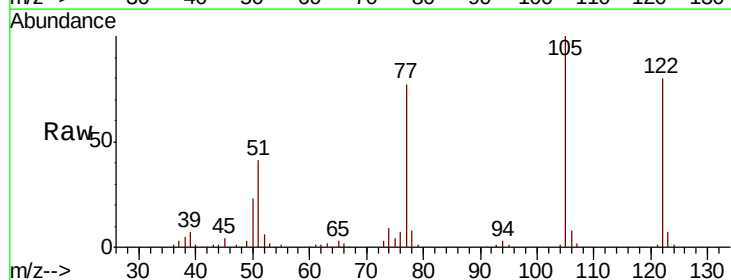
Tgt Ion:122 Resp: 282815

Ion Ratio Lower Upper

122 100

105 124.3 100.5 140.5

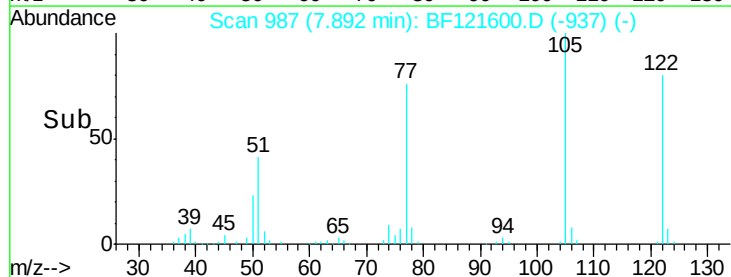
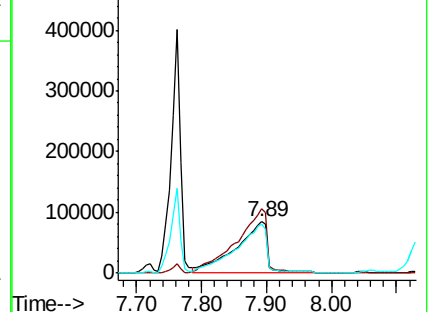
77 95.2 72.6 112.6

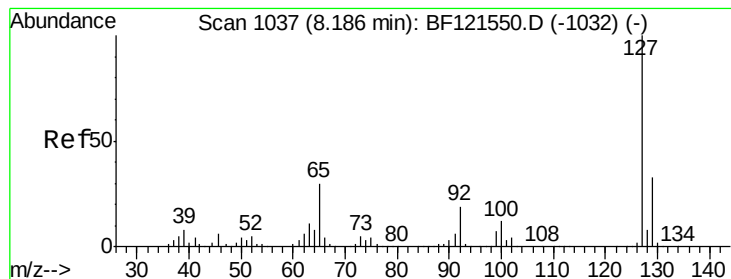


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 23.375 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

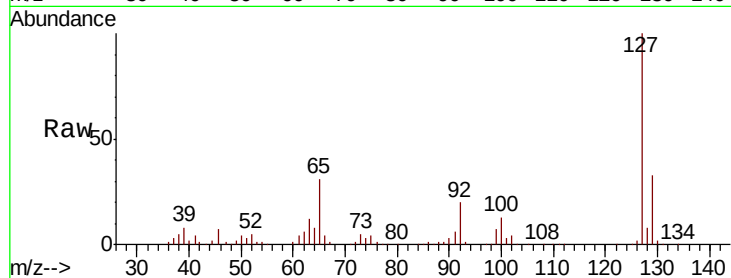
ClientSampleId :

PB131684BS

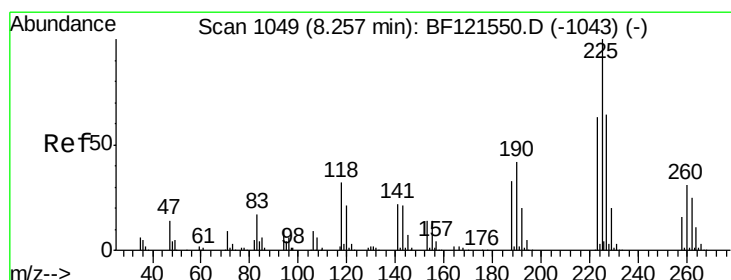
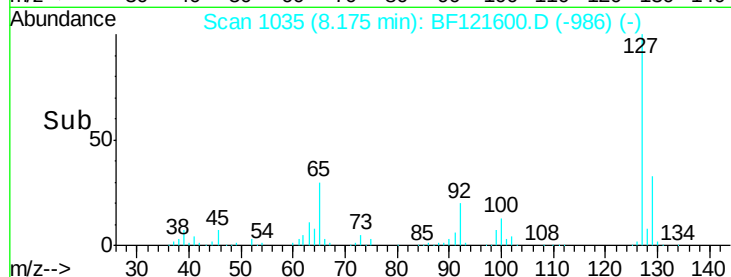
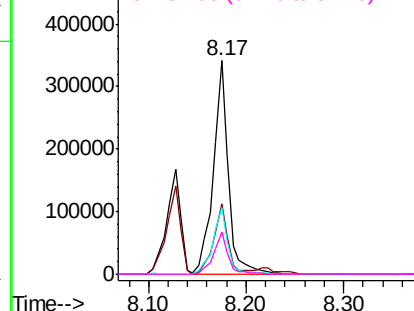
Tot Ion	Ratio	Resp	Lower	Upper
127	100	364605		
129	33.2	26.4	39.6	
65	31.3	24.4	36.6	
92	19.9	15.4	23.2	

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Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.618 ng

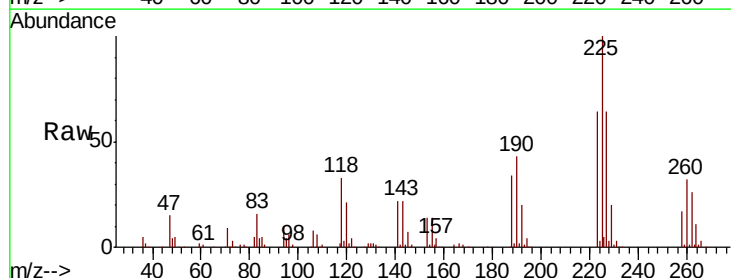
RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

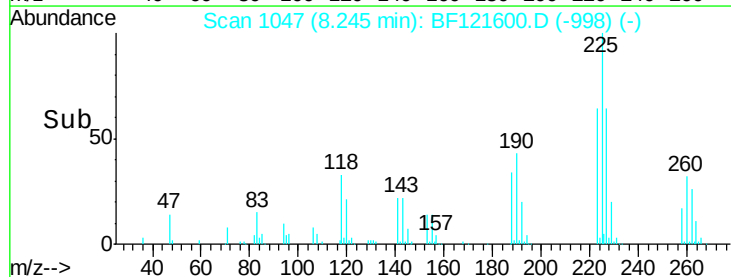
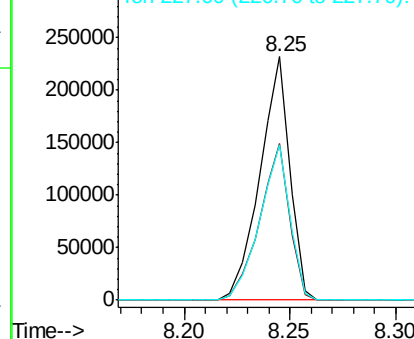
Lab File: BF121600.D

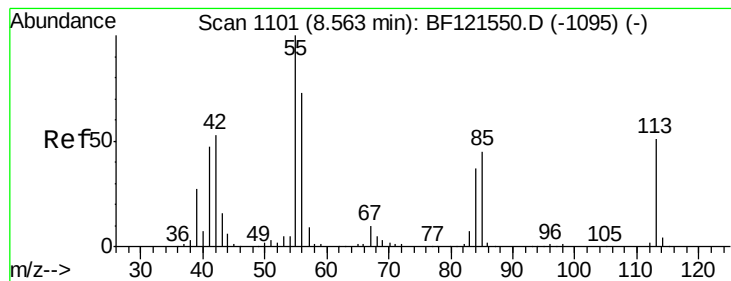
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	228786		
223	64.4	50.2	75.2	
227	63.6	51.0	76.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.794 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

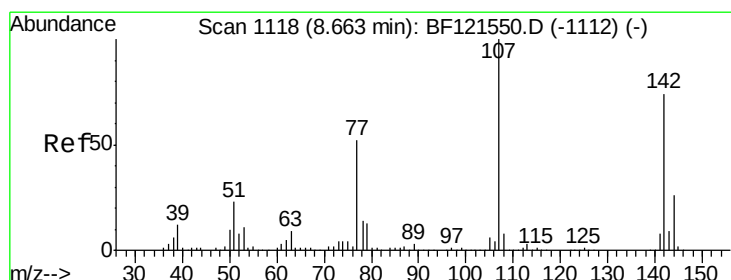
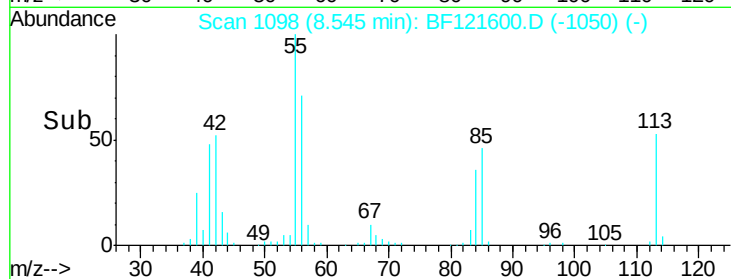
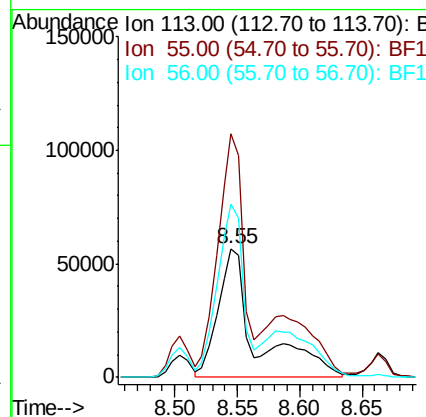
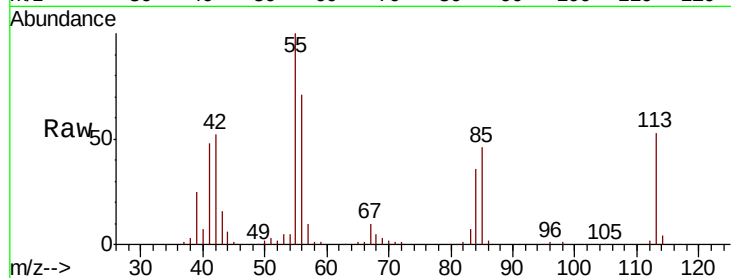
ClientSampleID :

PB131684BS

Tot Ion:	113	Resp:	120395
Ion Ratio	Lower	Upper	
113	100		
55	189.0	176.2	216.2
56	134.2	123.9	163.9

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#36

4-Chloro-3-methylphenol

Concen: 36.089 ng/mL

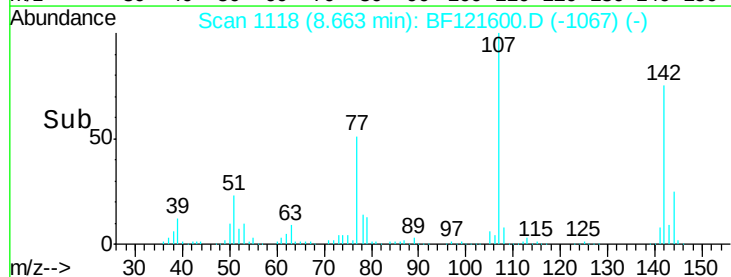
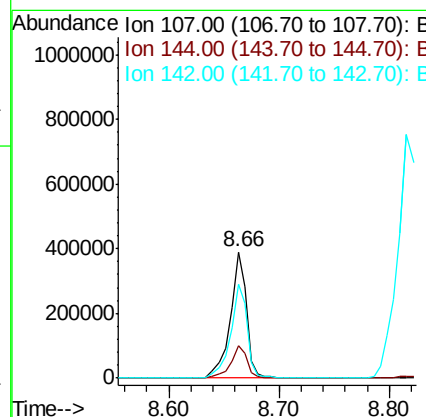
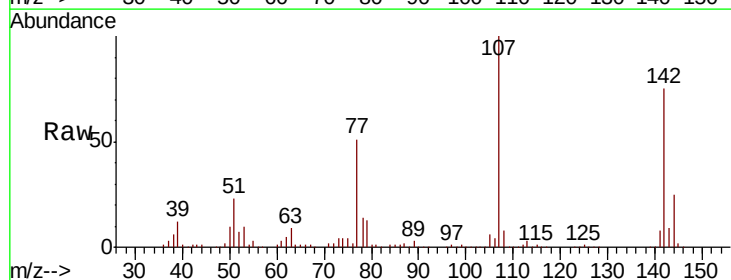
RT: 8.66 min Scan# 1118

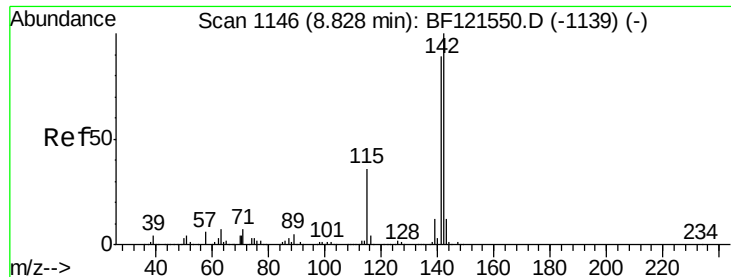
Delta R.T. 0.00 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	107	Resp:	403953
Ion Ratio	Lower	Upper	
107	100		
144	25.3	20.5	30.7
142	74.6	59.5	89.3





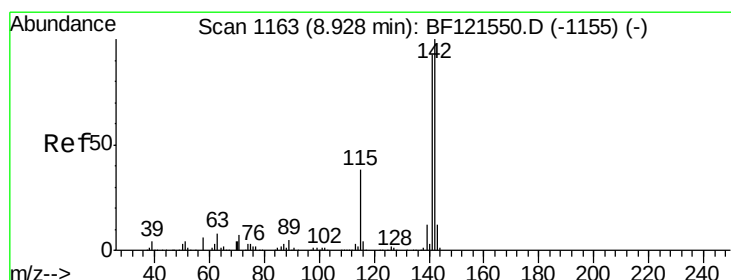
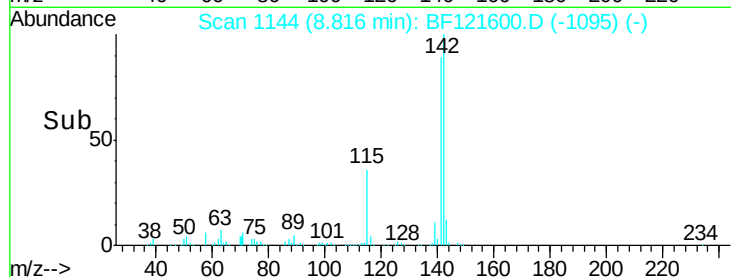
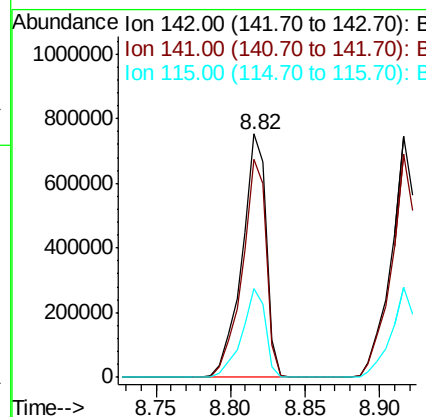
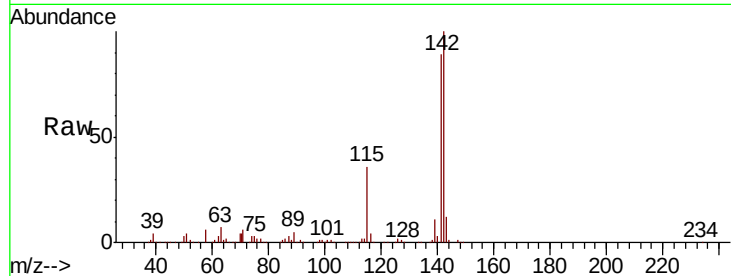
#37
2-Methylnaphthalene
Concen: 36.039 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	36.2	28.7	43.1

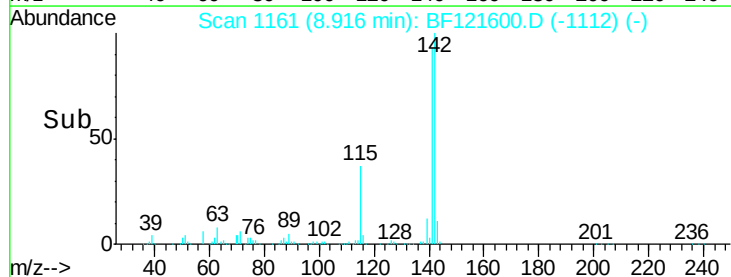
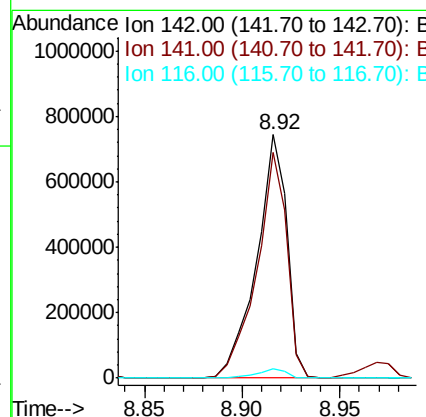
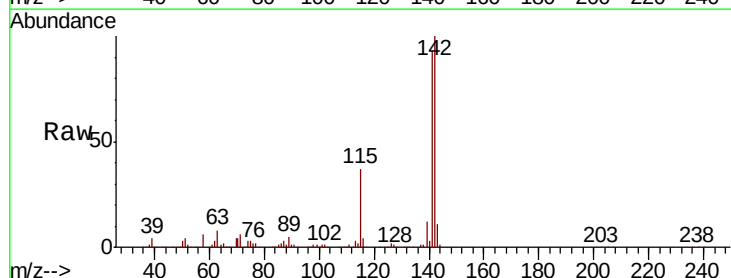
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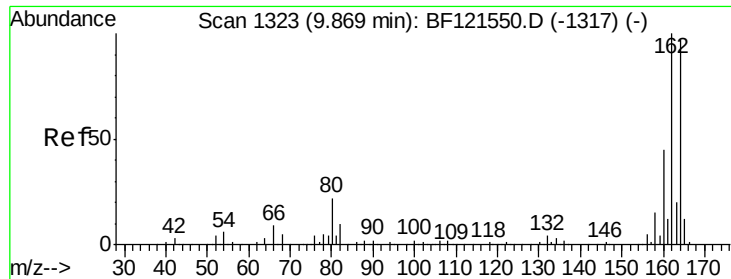
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#38
1-Methylnaphthalene
Concen: 36.353 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.8	112.2
116	3.9	3.0	4.6





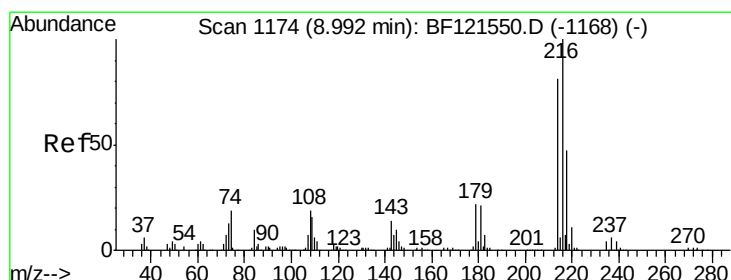
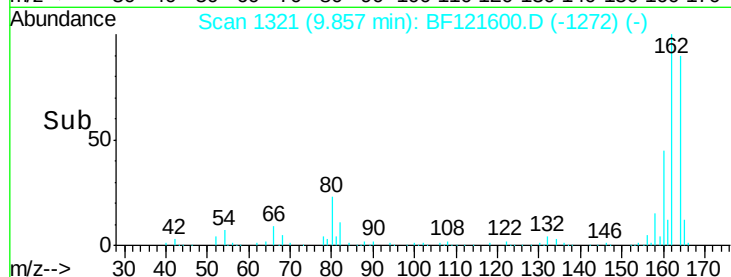
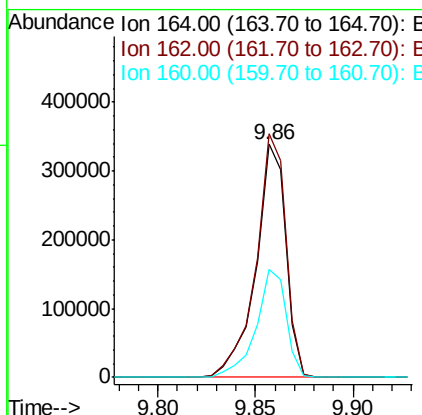
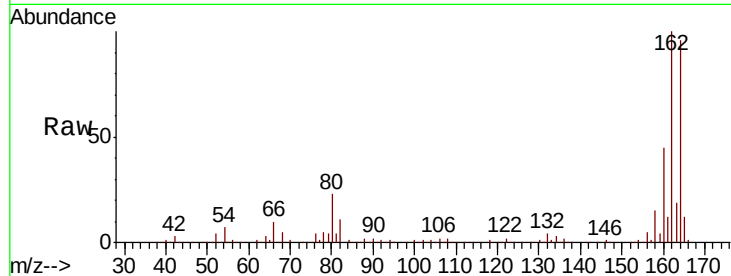
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	82.3	123.5	
160	46.6	37.0	55.4	

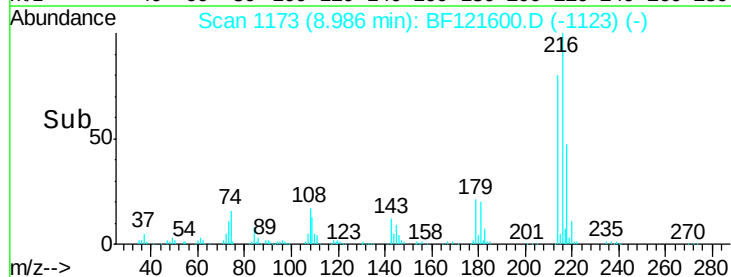
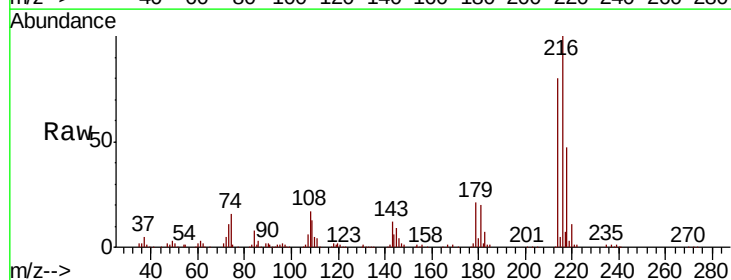
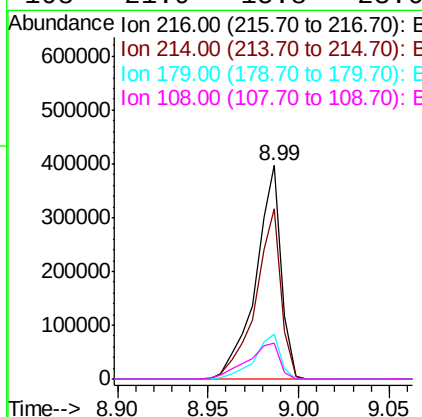
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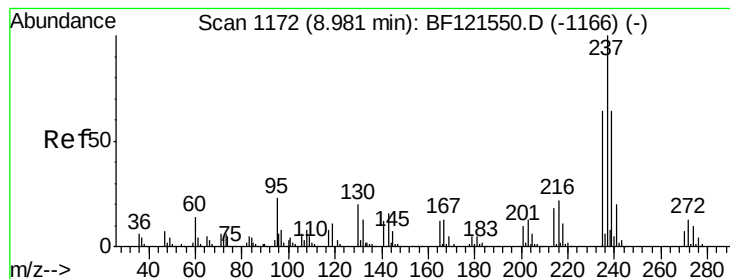
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.305 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.8	95.8	
179	21.0	16.6	25.0	
108	21.9	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 74.096 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

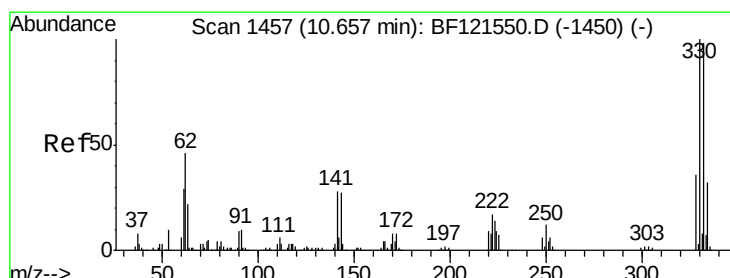
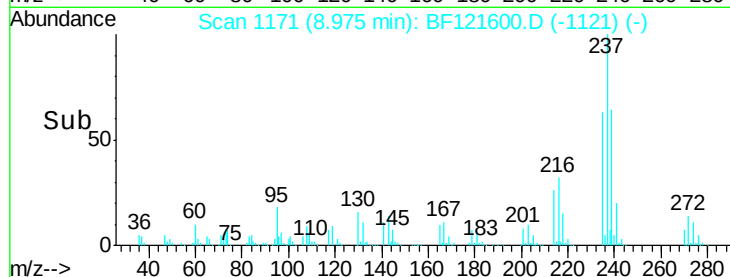
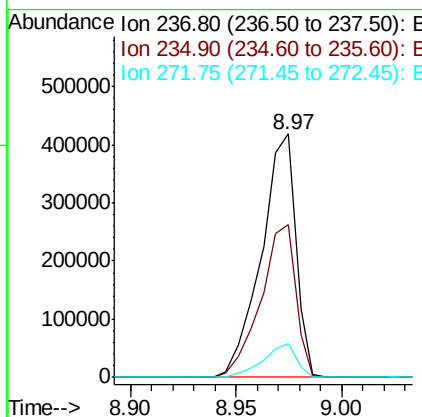
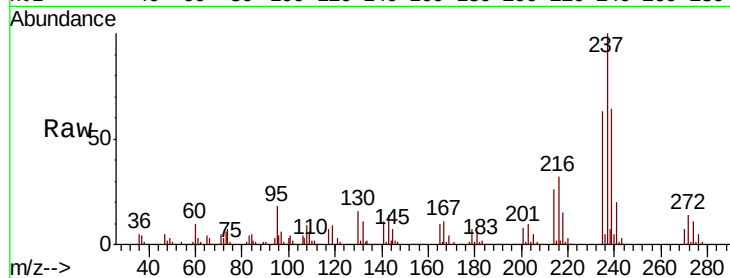
ClientSampleId :

PB131684BS

Tot Ion:	237	Resp:	477177
Ion Ratio	Lower	Upper	
237	100		
235	62.9	44.0	84.0
272	13.8	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 96.160 ng

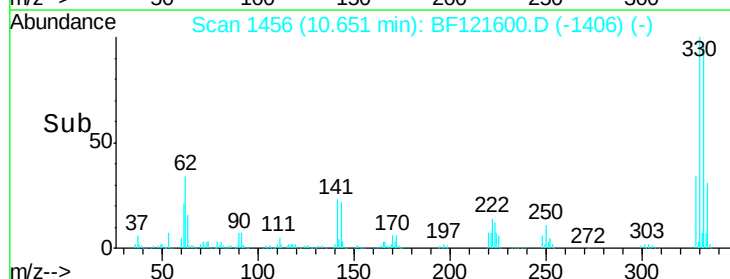
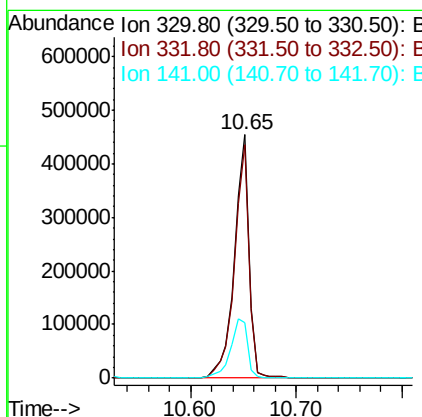
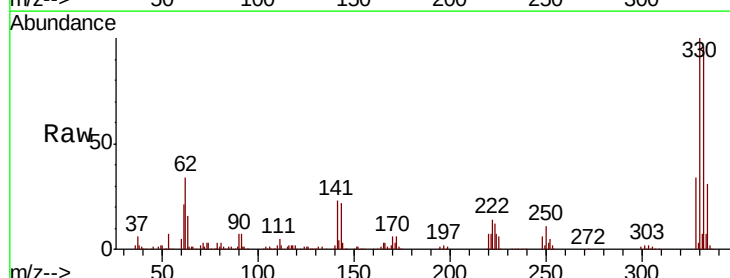
RT: 10.65 min Scan# 1456

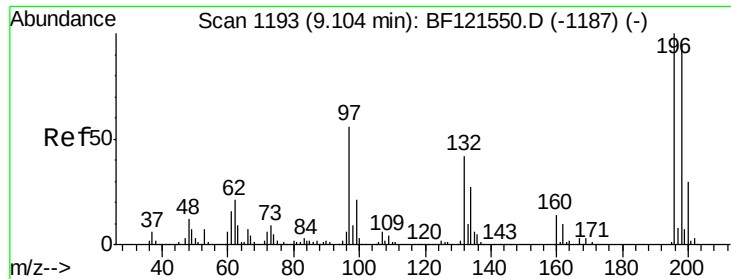
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	330	Resp:	431466
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	28.5	23.6	35.4





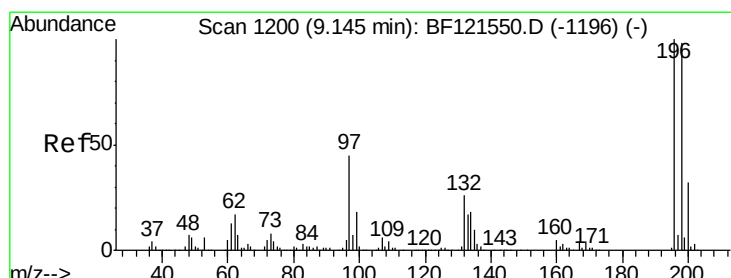
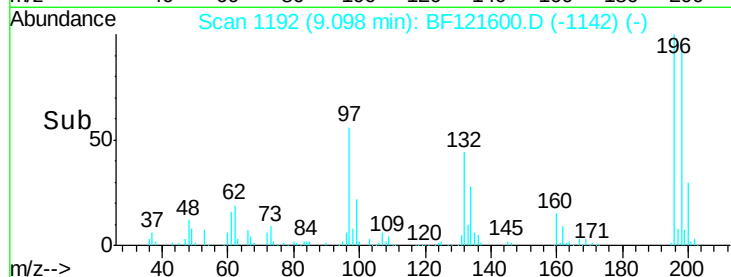
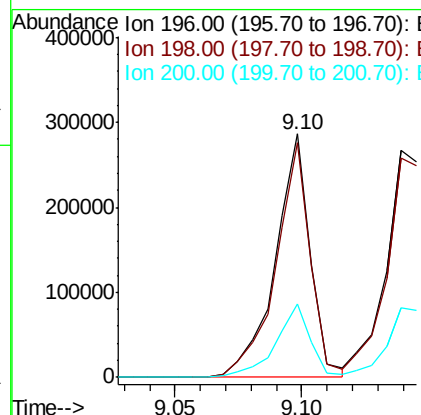
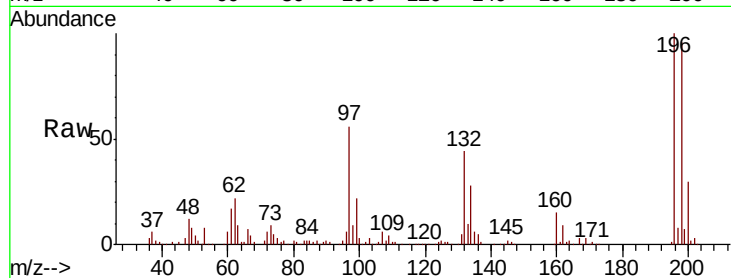
#43
 2,4,6-Trichlorophenol
 Concen: 35.851 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	196	Resp	275572
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.6	113.4
200	30.3	24.0	36.0

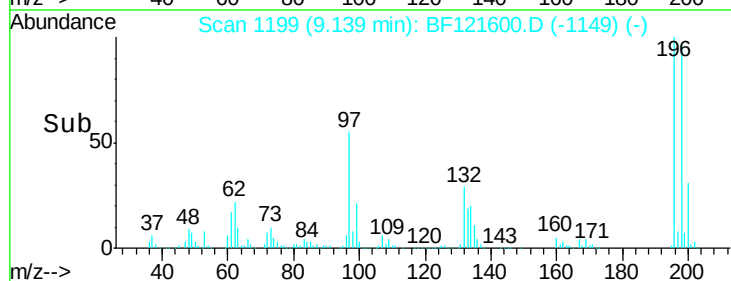
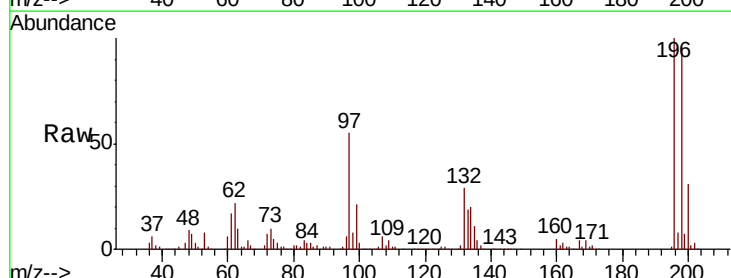
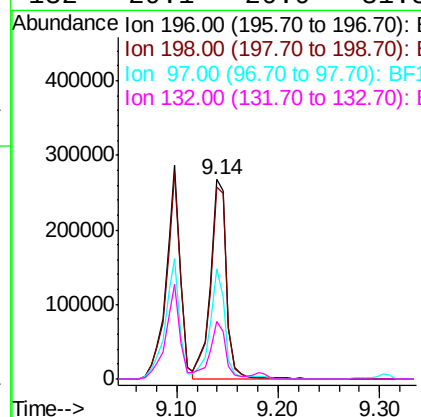
Manual Integrations
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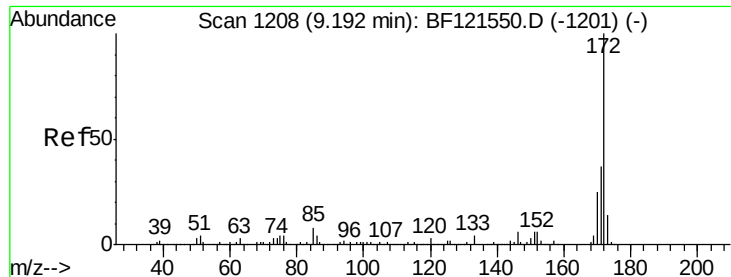
mohammad
 9/21/2020 10:32:18 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.014 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	196	Resp	292648
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.1	117.1
97	55.2	36.8	55.2#
132	29.1	20.9	31.3





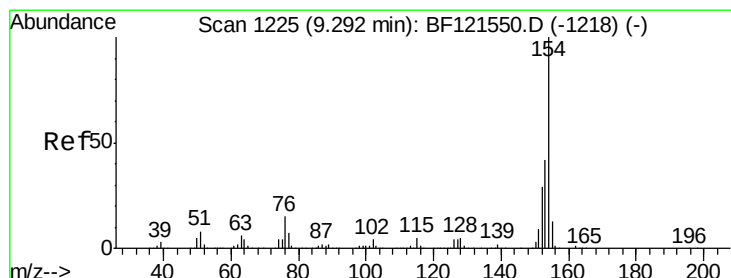
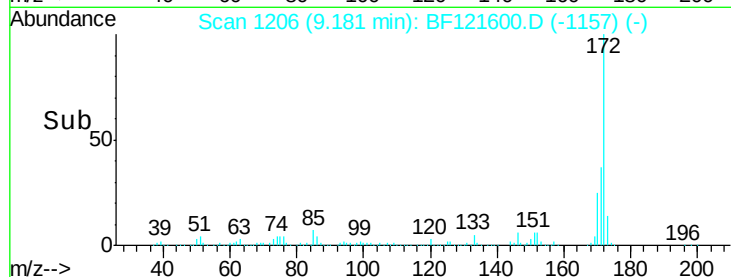
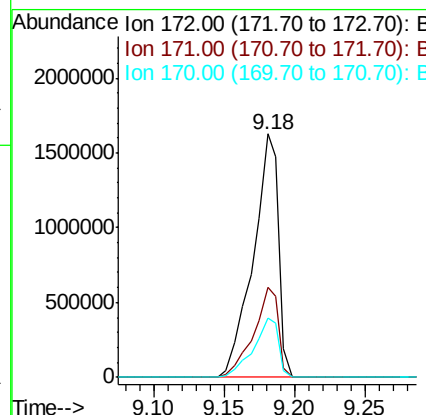
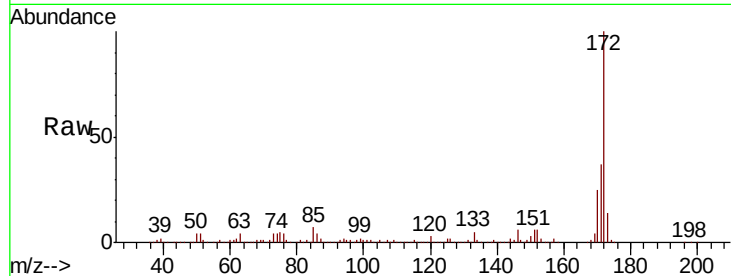
#45
2-Fluorobiphenyl
Concen: 86.078 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	24.6	19.8	29.8

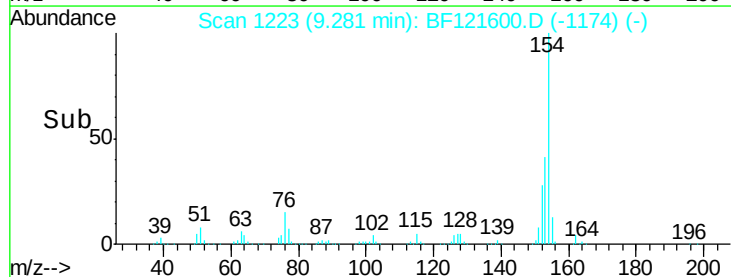
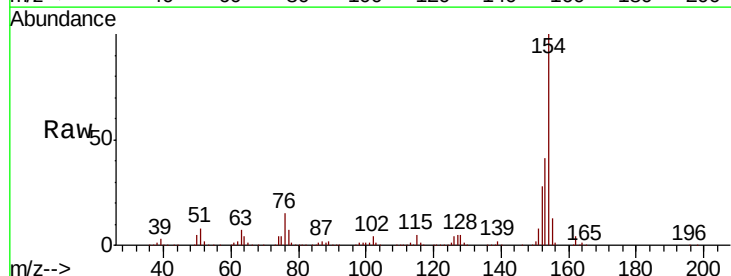
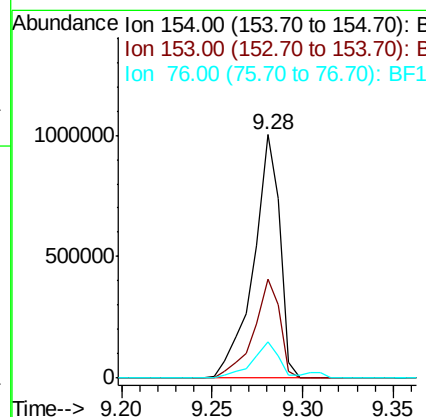
Manual Integrations
APPROVED

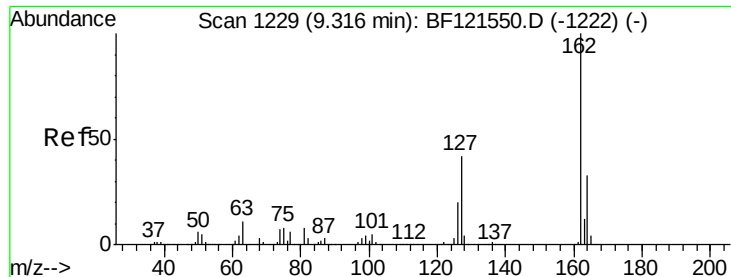
mohammad
9/21/2020 10:32:18 AM



#46
1,1'-Biphenyl
Concen: 34.954 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.7	61.7
76	15.0	0.0	35.5





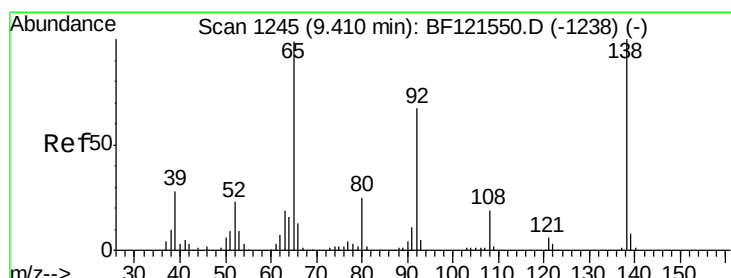
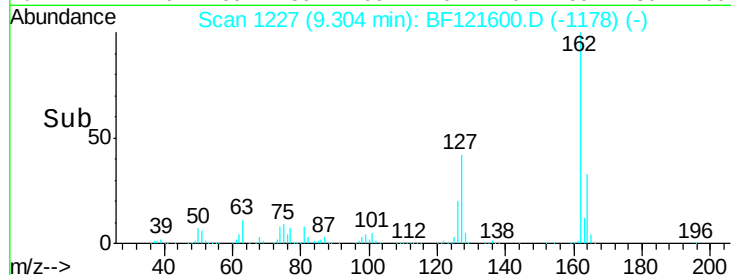
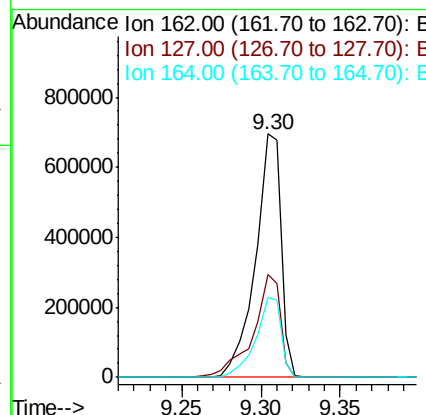
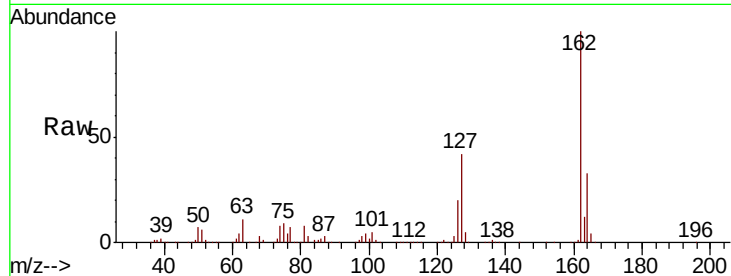
#47
 2-Chloronaphthalene
 Concen: 34.337 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	782038		
127	42.2	33.9	50.9	
164	32.7	26.7	40.1	

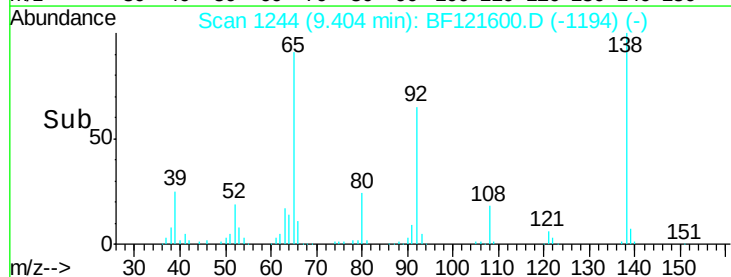
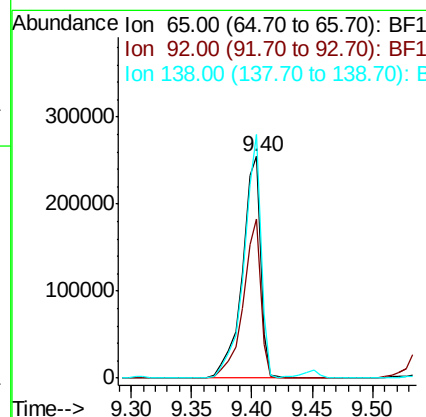
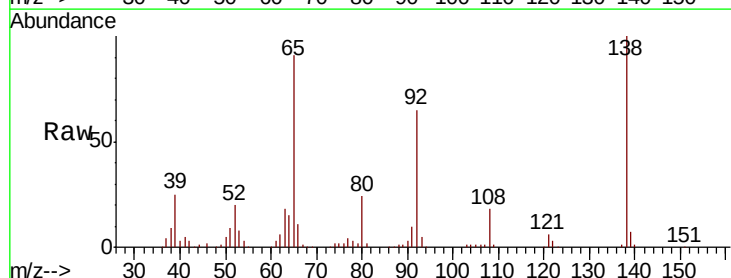
Manual Integrations
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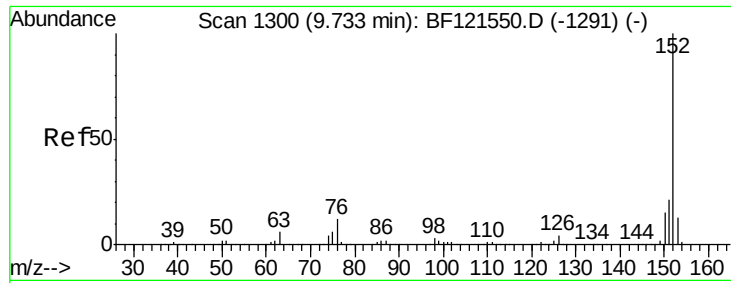
mohammad
 9/21/2020 10:32:18 AM



#48
 2-Nitroaniline
 Concen: 38.335 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	271311		
92	72.0	54.2	81.4	
138	110.0	80.8	121.2	





#49

Acenaphthylene

Concen: 35.808 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:152 Resp: 1253056

Ion Ratio Lower Upper

152 100

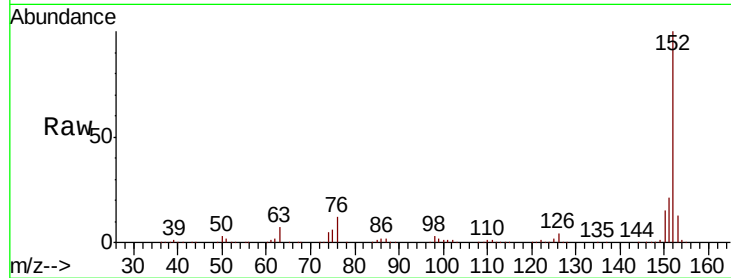
151 20.7 16.6 24.8

153 13.3 10.7 16.1

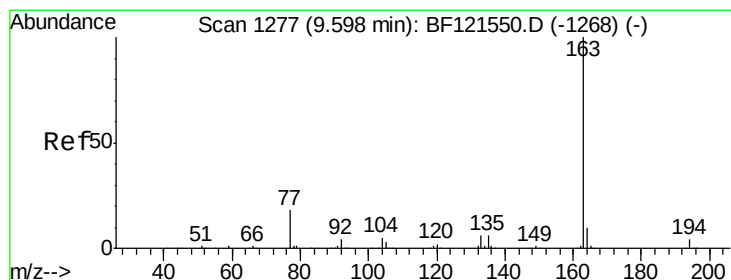
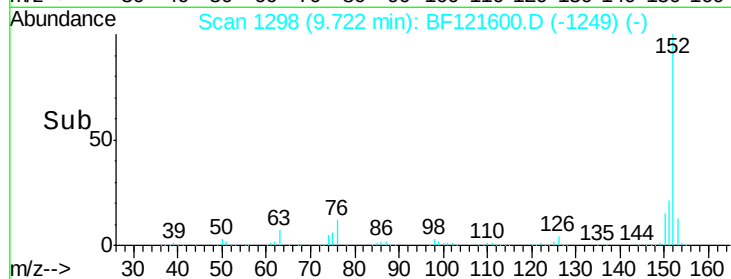
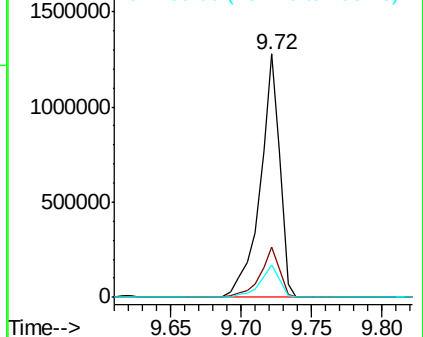
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.507 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

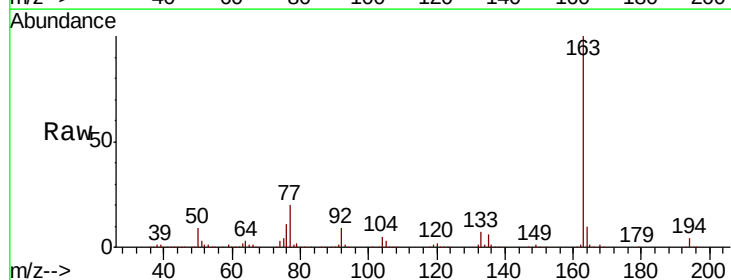
Tgt Ion:163 Resp: 929081

Ion Ratio Lower Upper

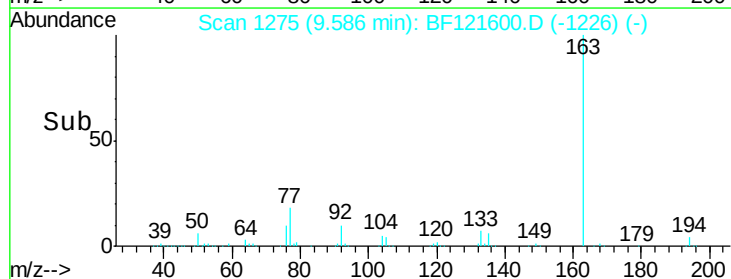
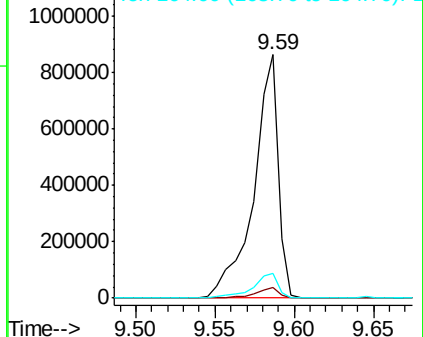
163 100

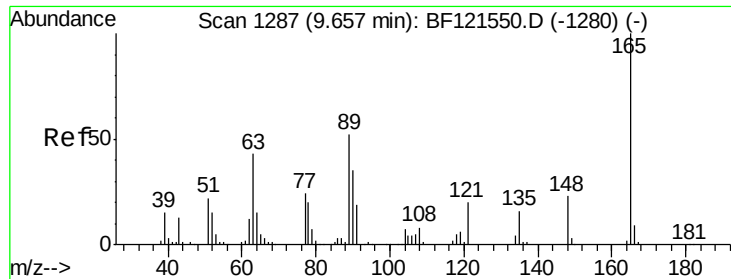
194 4.2 3.4 5.0

164 10.3 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





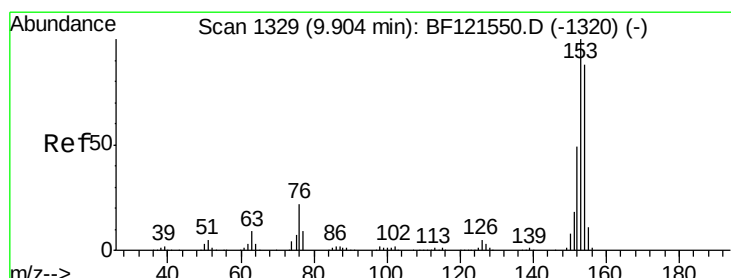
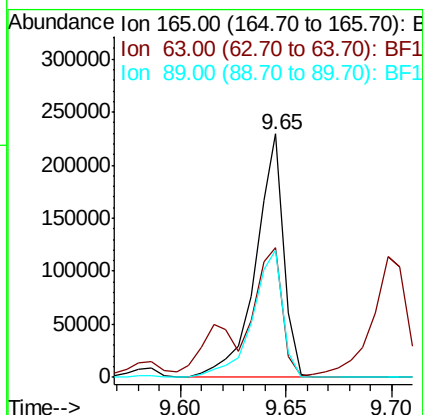
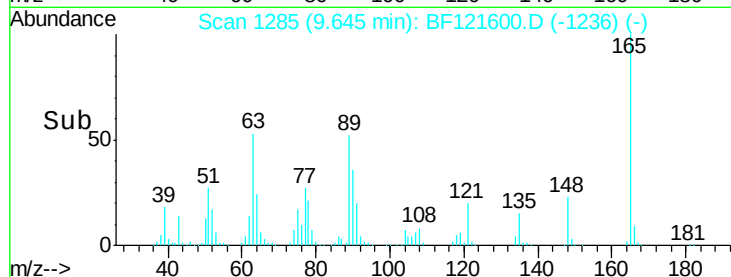
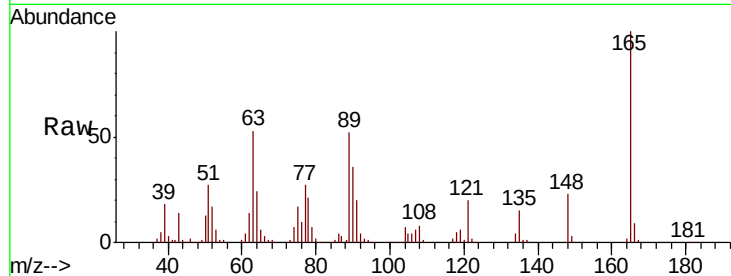
#51
 2,6-Dinitrotoluene
 Concen: 37.870 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211031		
63	53.2	40.6	61.0	
89	52.0	41.8	62.8	

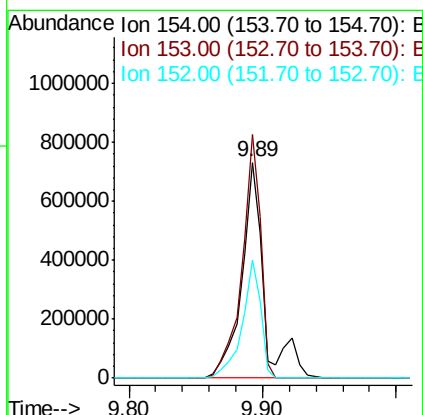
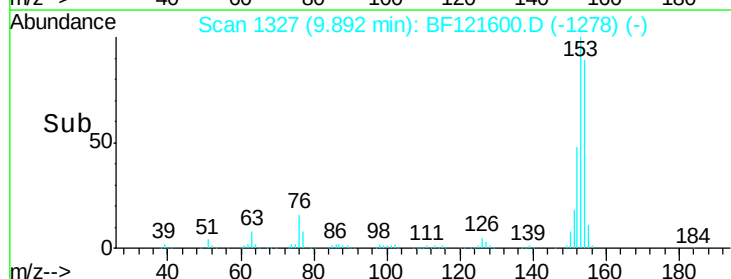
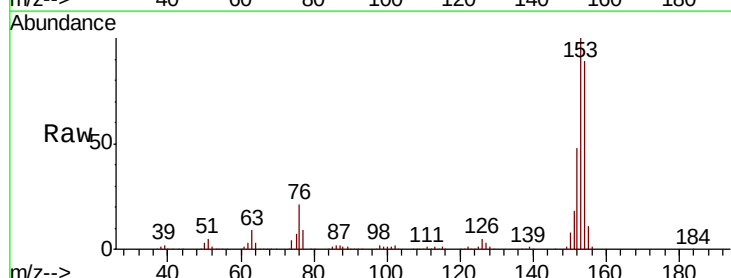
Manual Integrations
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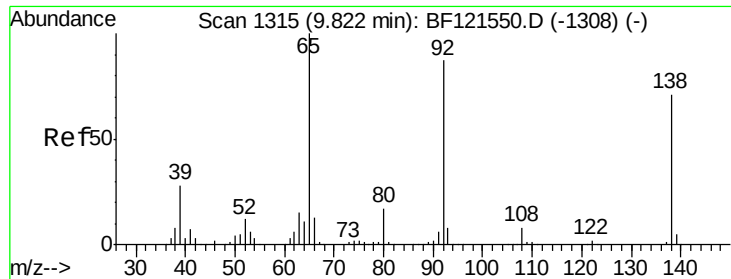
mohammad
 9/21/2020 10:32:18 AM



#52
 Acenaphthene
 Concen: 38.410 ng m
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	848943		
153	112.8	91.0	136.4	
152	54.7	44.2	66.2	





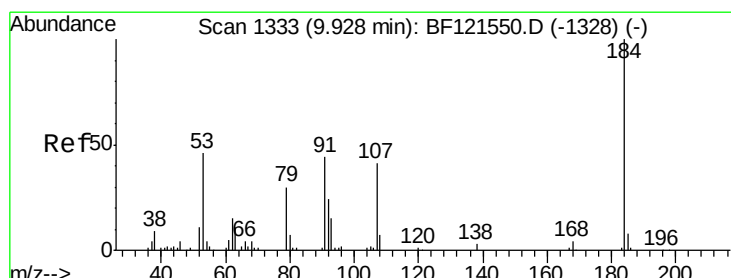
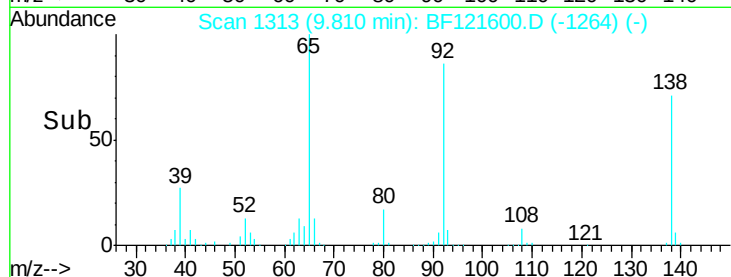
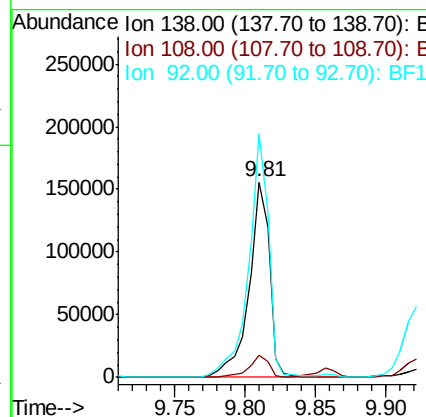
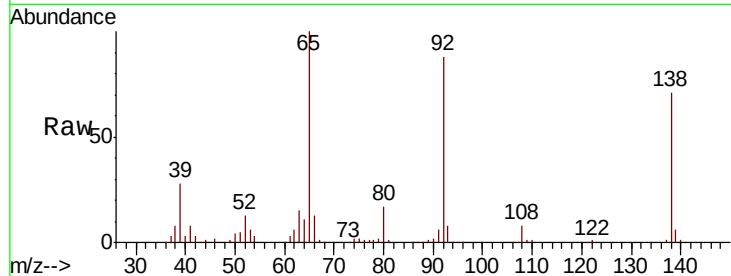
#53
3-Nitroaniline
Concen: 24.560 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.6
92	124.8	97.4	146.0

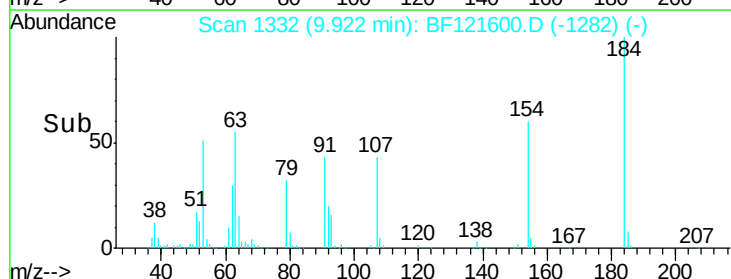
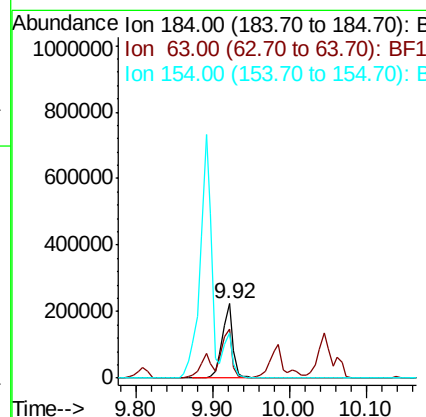
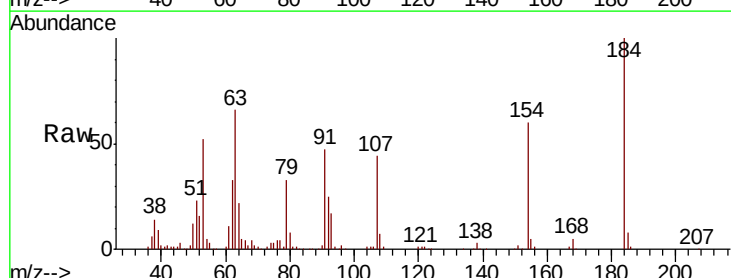
Manual Integrations
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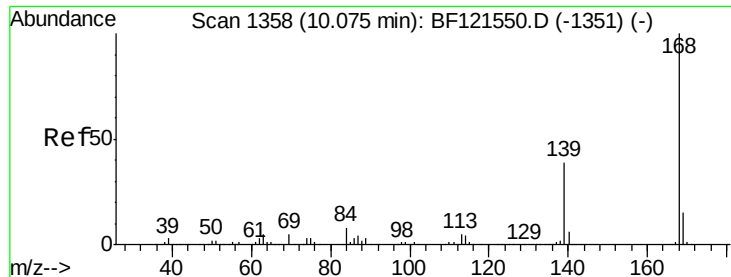
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.209 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	47.7	71.5
154	60.2	47.2	70.8





#55

Dibenzofuran

Concen: 34.801 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:168 Resp: 1083213

Ion Ratio Lower Upper

168 100

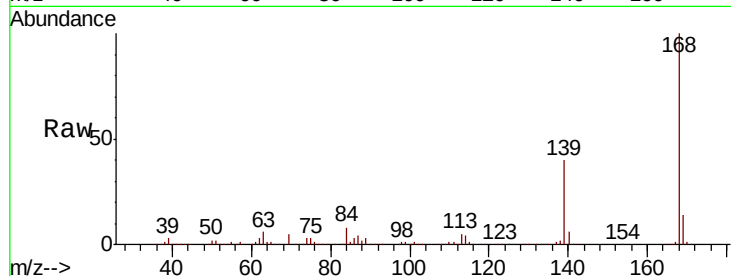
139 40.2 31.4 47.0

169 14.5 11.9 17.9

Manual Integrations
APPROVED

mohammad

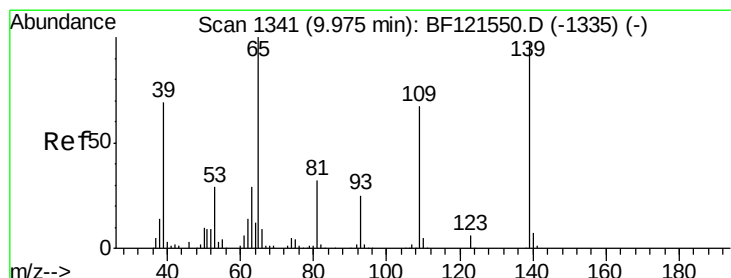
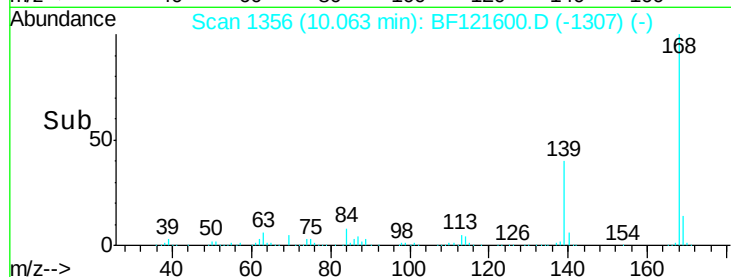
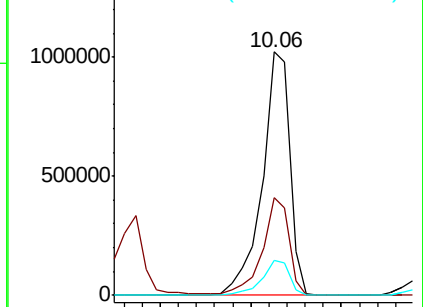
9/21/2020 10:32:18 AM



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: 68.547 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

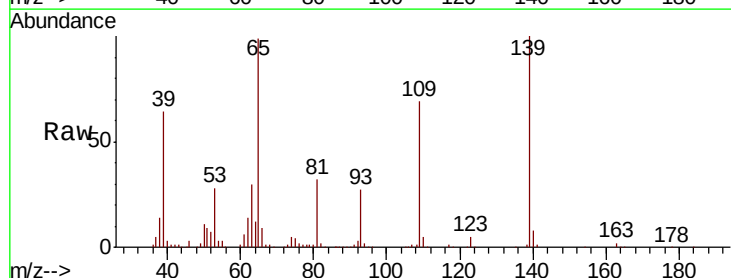
Tgt Ion:139 Resp: 352892

Ion Ratio Lower Upper

139 100

109 68.8 48.8 88.8

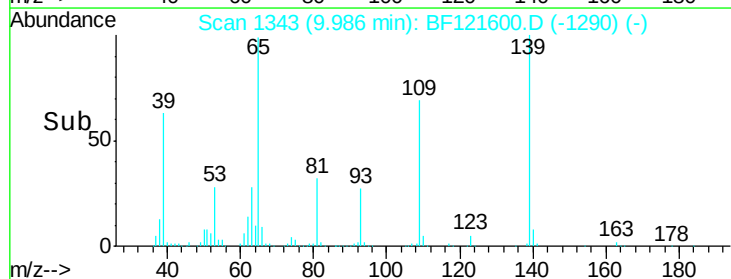
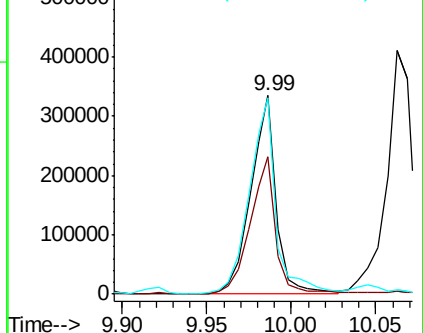
65 98.7 83.6 123.6

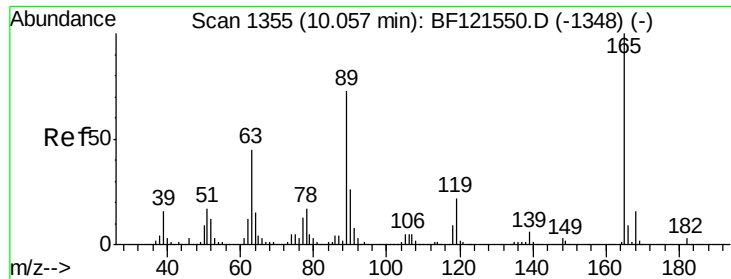


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





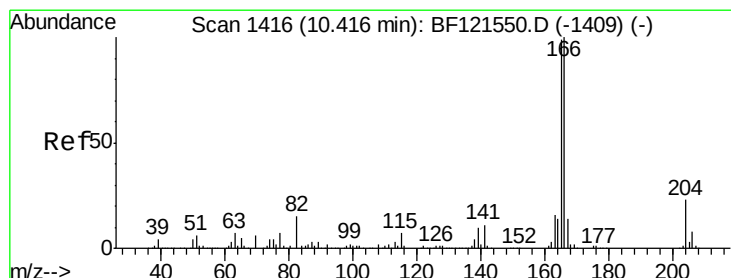
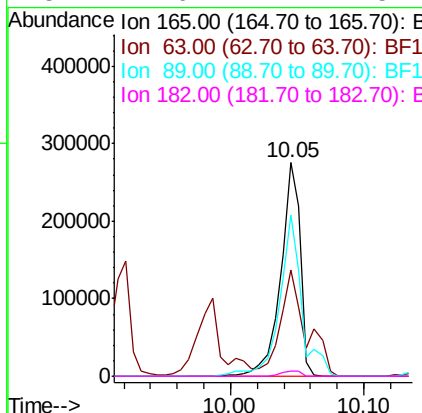
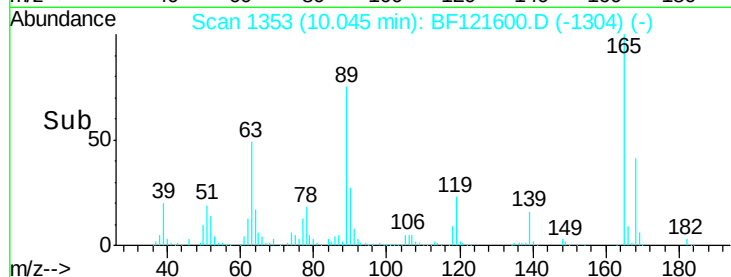
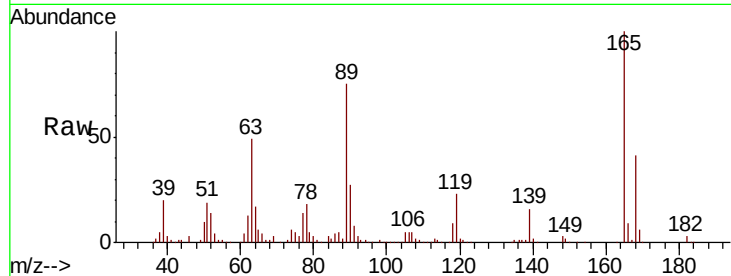
#57
2,4-Dinitrotoluene
Concen: 40.356 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		282914		
63	49.5	36.2	54.4		
89	75.3	58.2	87.4		
182	2.6	2.2	3.2		

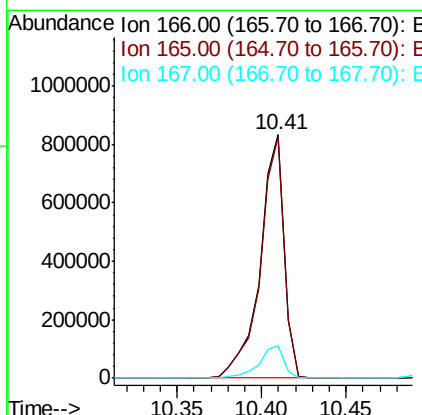
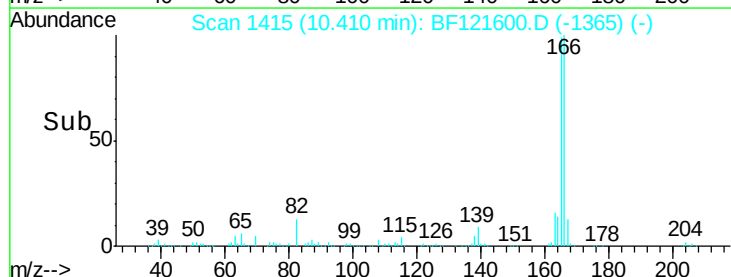
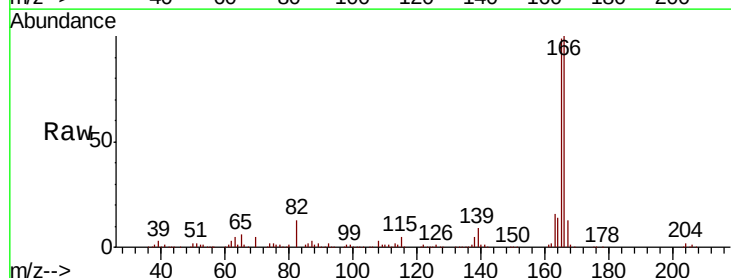
Manual Integrations
APPROVED

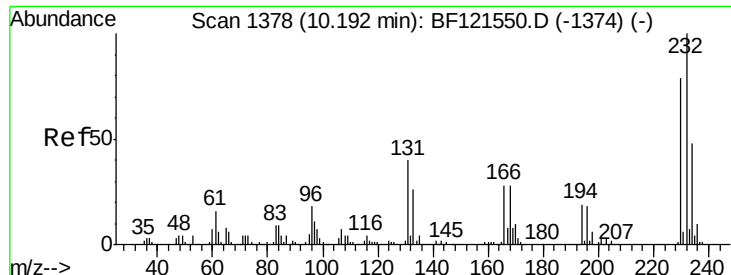
mohammad
9/21/2020 10:32:18 AM



#58
Fluorene
Concen: 34.556 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		822524		
165	98.9	79.0	118.4		
167	13.1	11.0	16.6		





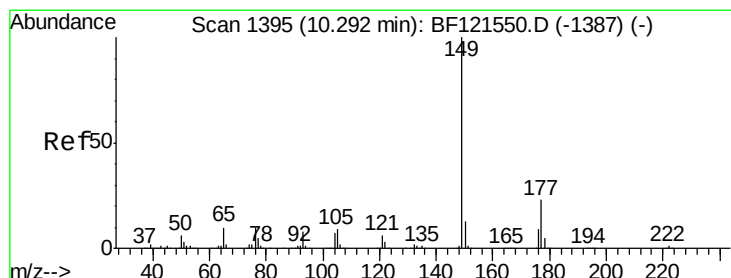
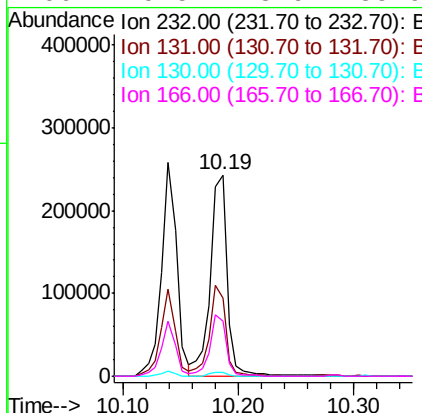
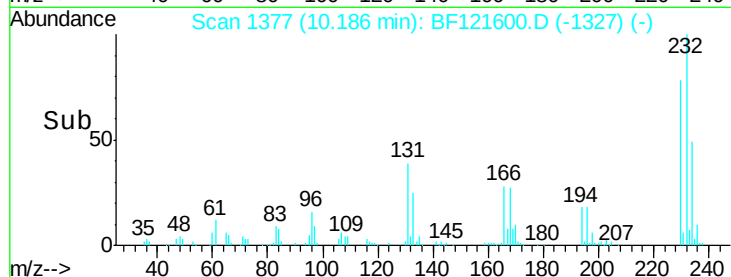
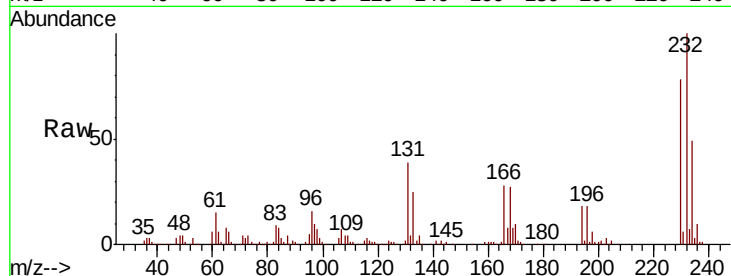
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.539 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		247990		
131	43.2	36.3	54.5		
130	2.1	1.9	2.9		
166	29.5	23.9	35.9		

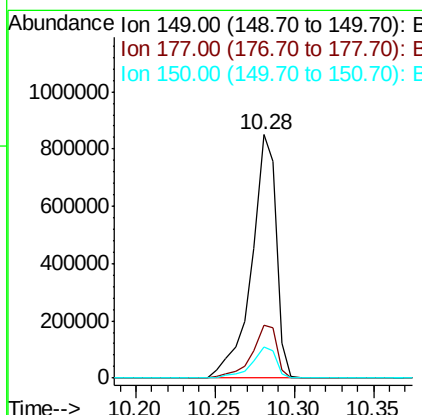
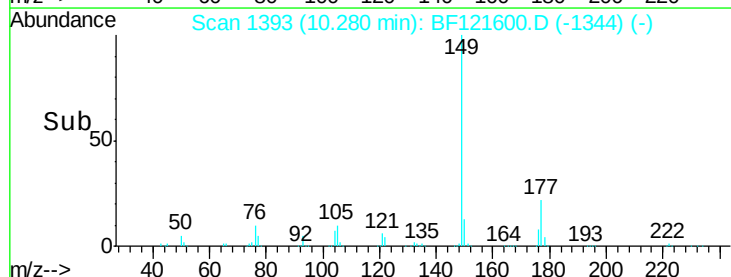
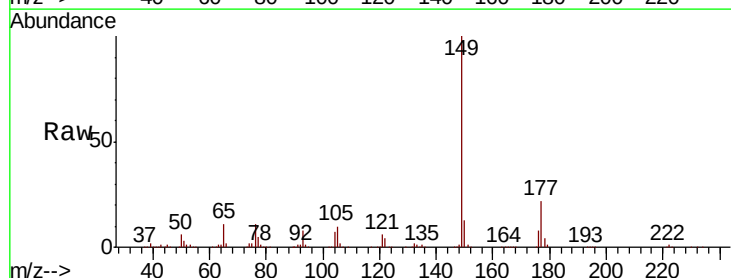
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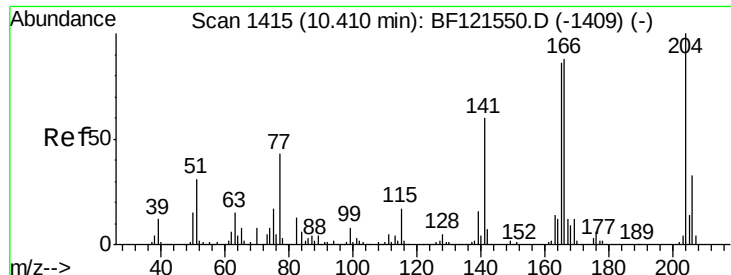
mohammad
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#60
Diethylphthalate
Concen: 35.955 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		917255		
177	21.8	18.2	27.2		
150	12.6	10.2	15.2		





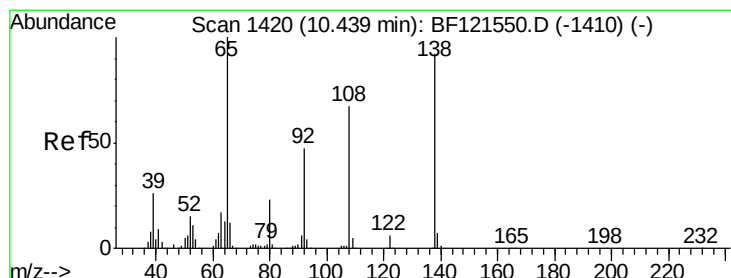
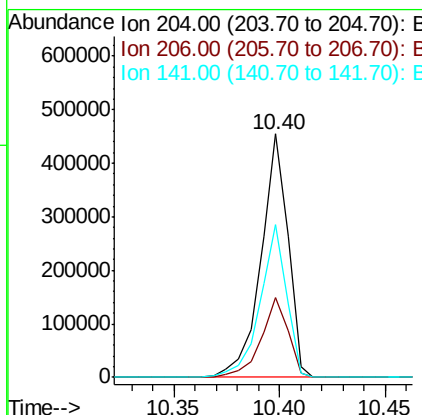
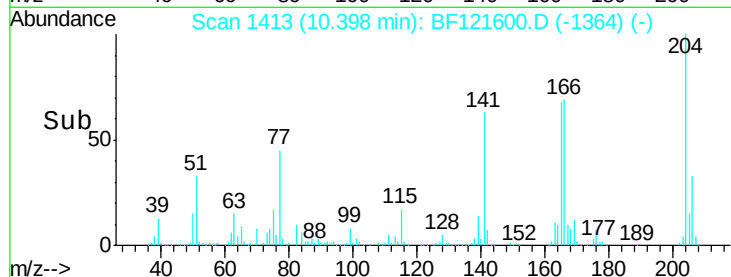
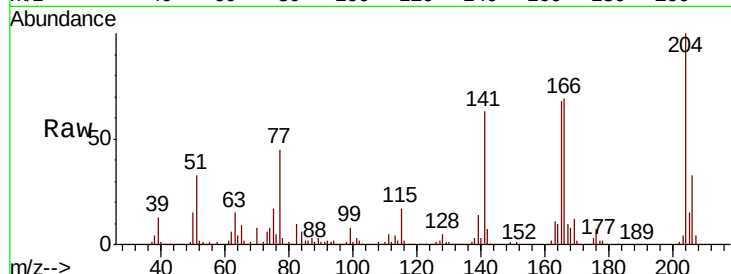
#61
 4-Chlorophenyl-phenylether
 Concen: 35.541 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion:	204	Resp:	405248
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.4	39.6
141	62.6	48.3	72.5

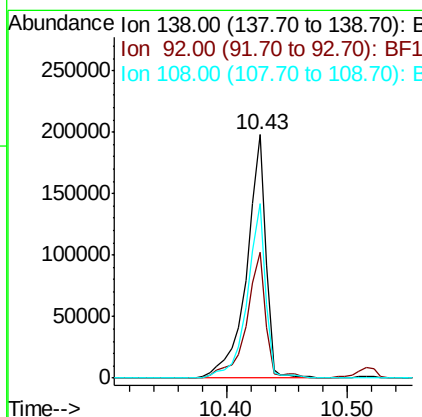
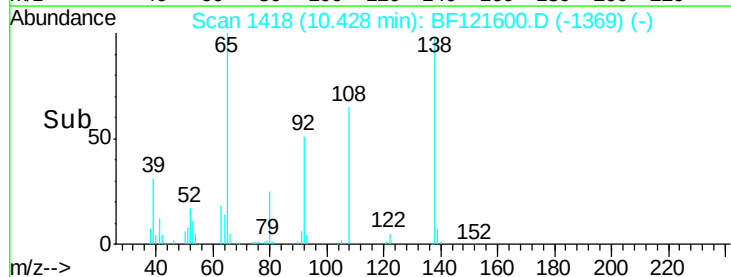
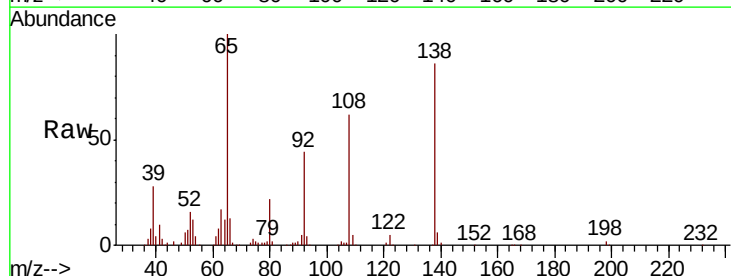
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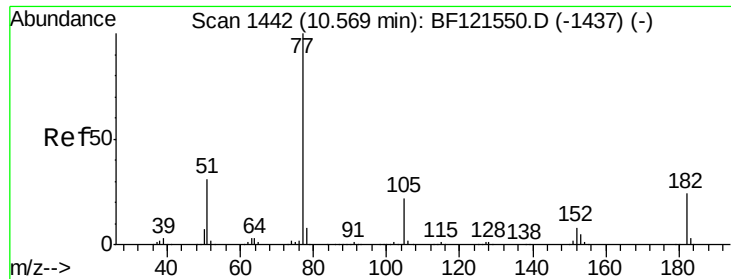
mohammad
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#62
 4-Nitroaniline
 Concen: 34.396 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion:	138	Resp:	220460
Ion Ratio	Lower	Upper	
138	100		
92	51.7	31.4	71.4
108	71.6	52.4	92.4





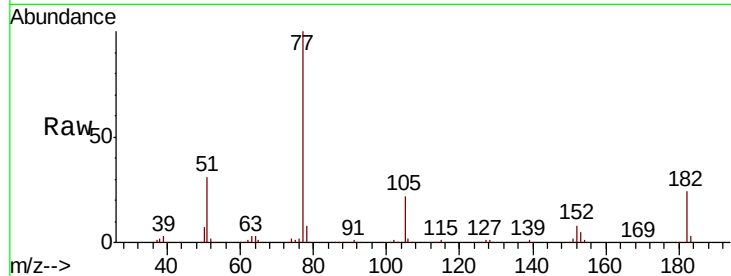
#63
Azobenzene
Concen: 34.782 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

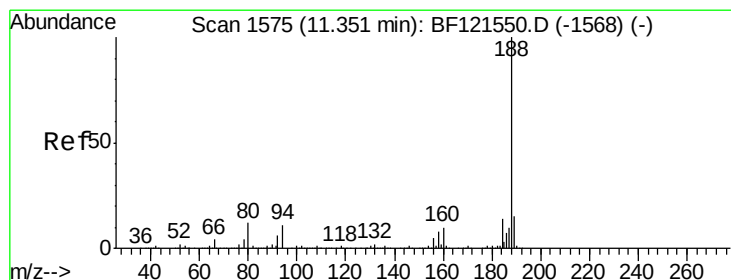
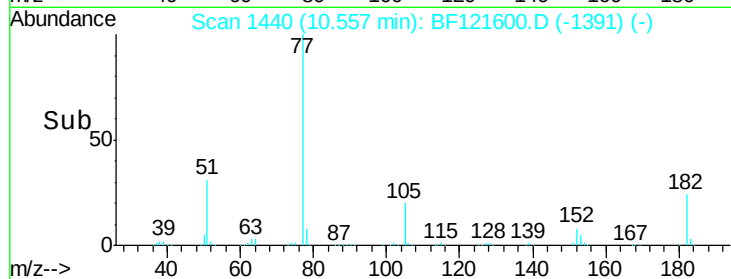
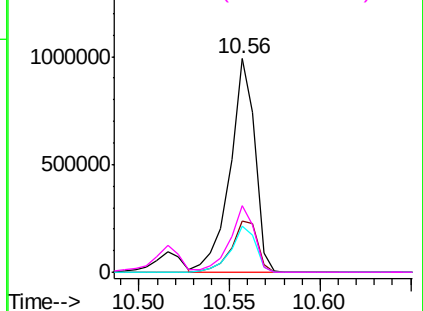
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	3.9	43.9
105	21.6	2.2	42.2
51	31.2	11.1	51.1

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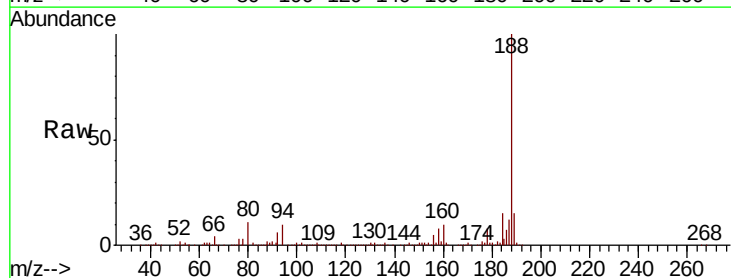


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

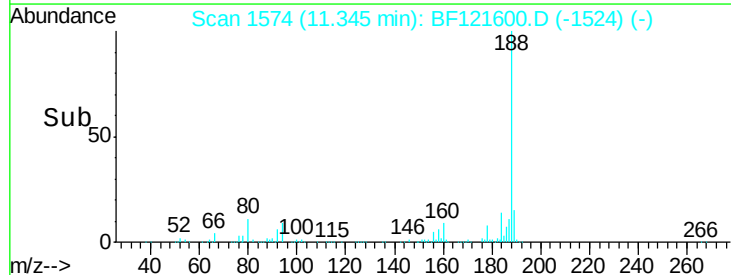
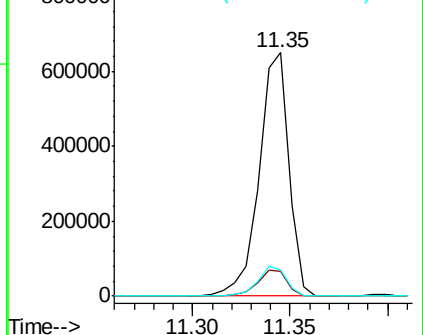


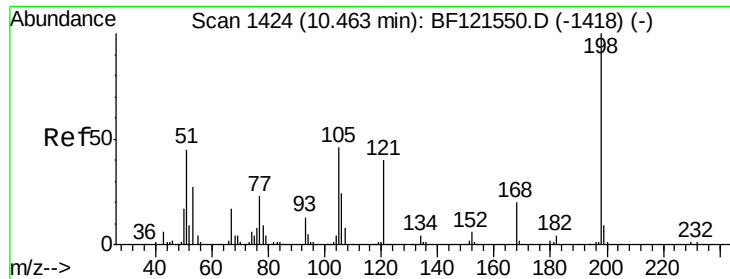
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.7	13.1
80	10.7	9.3	13.9



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





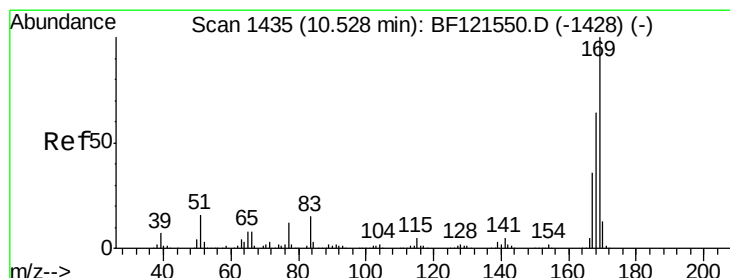
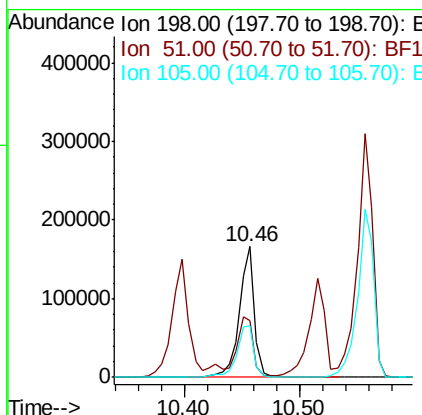
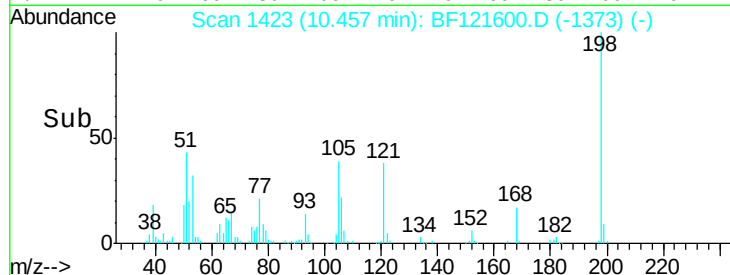
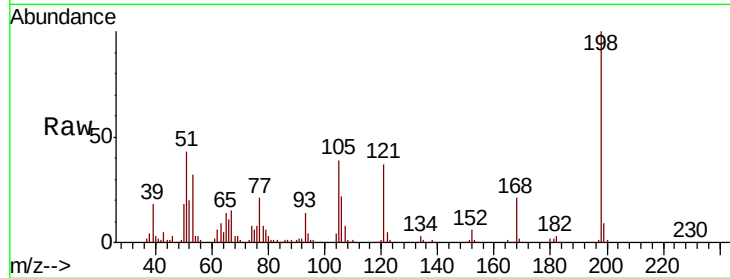
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.708 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	151296		
51	43.3	31.1	71.1	
105	39.2	26.6	66.6	

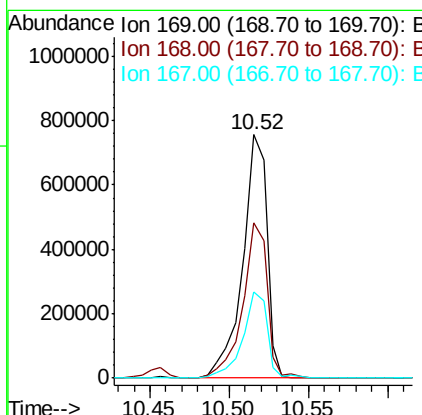
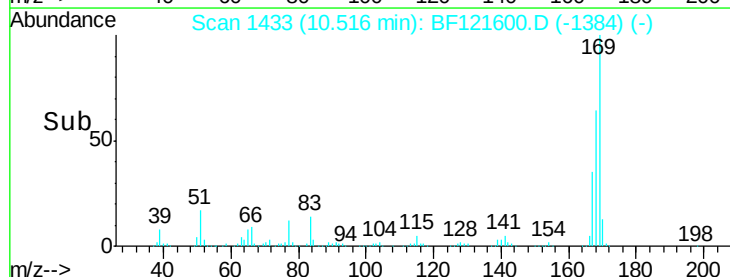
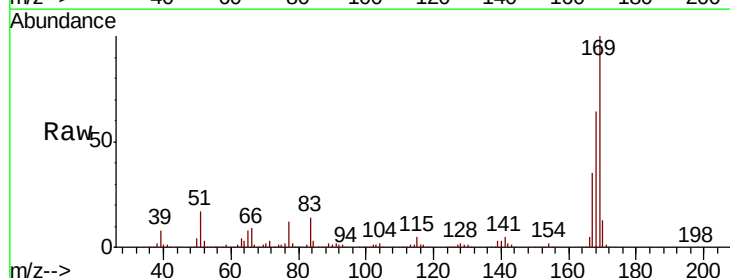
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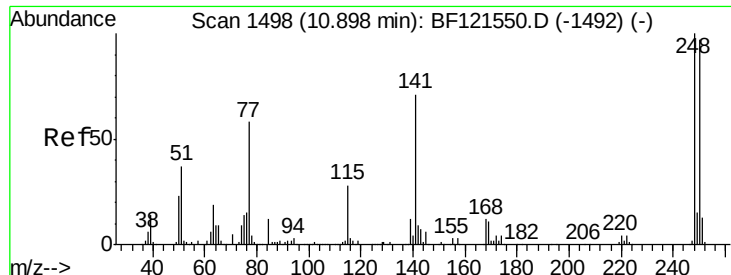
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#66
 n-Nitrosodiphenylamine
 Concen: 34.115 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	801709		
168	63.7	51.2	76.8	
167	35.2	28.9	43.3	





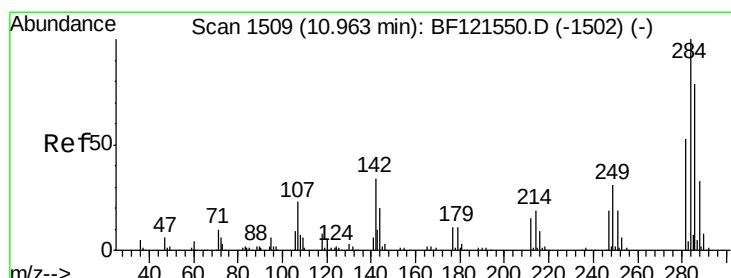
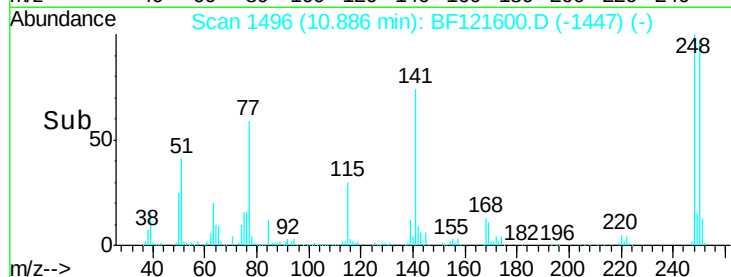
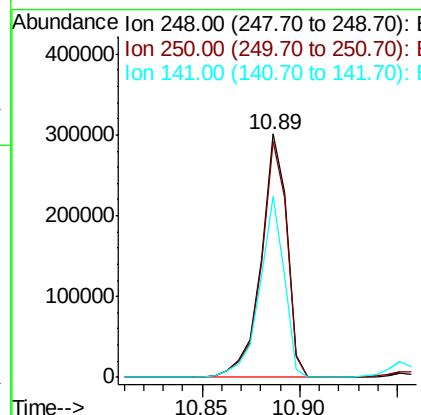
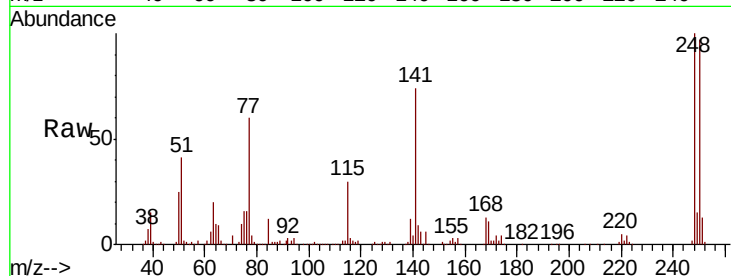
#67
 4-Bromophenyl-phenylether
 Concen: 35.444 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.0
141	74.5	56.7	85.1

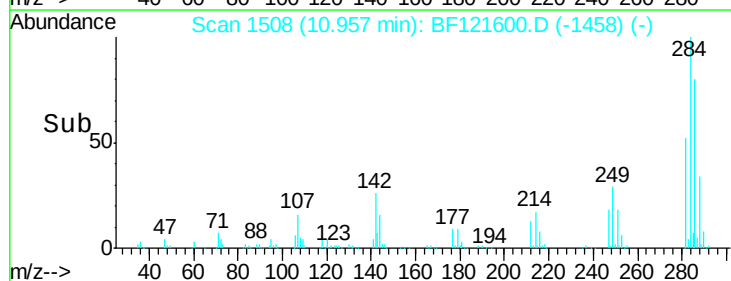
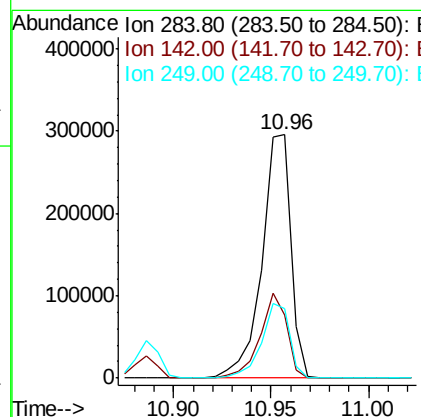
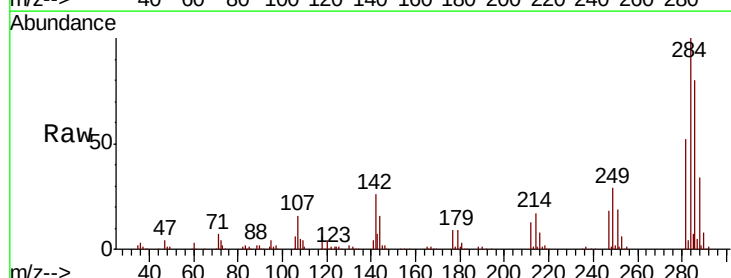
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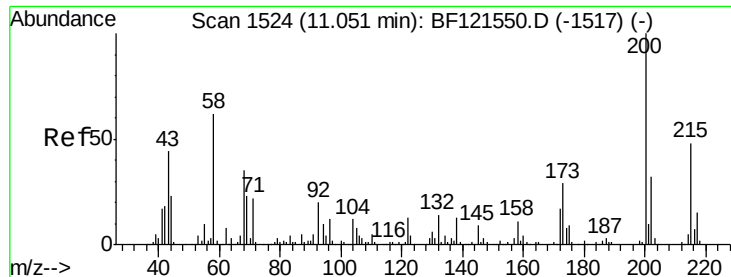
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#68
 Hexachlorobenzene
 Concen: 34.652 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	27.0	40.4#
249	28.8	24.7	37.1





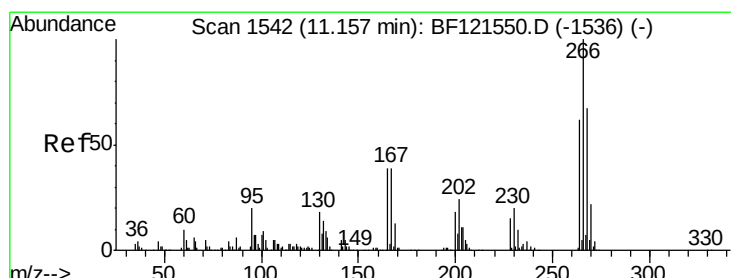
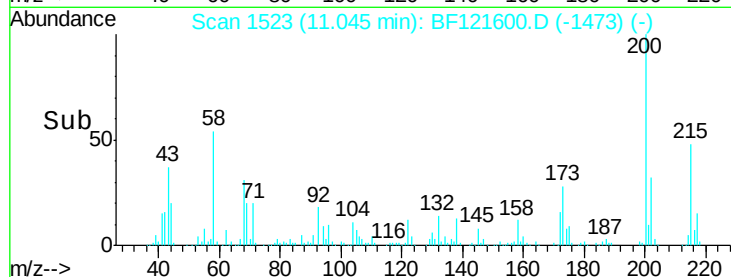
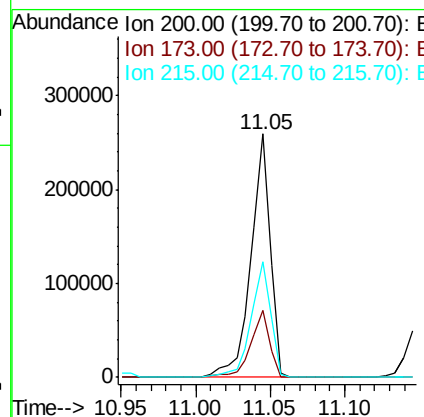
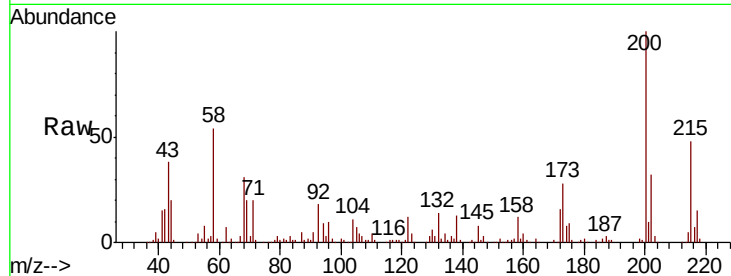
#69
Atrazine
Concen: 39.776 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.5	48.5
215	47.5	27.8	67.8

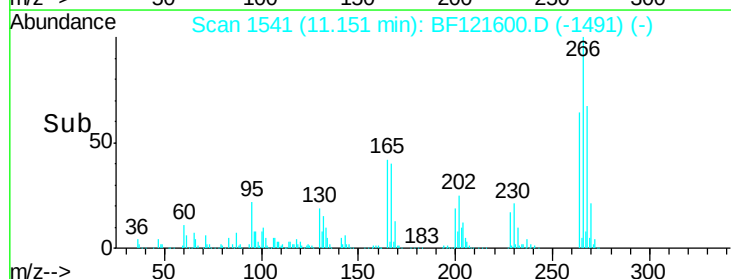
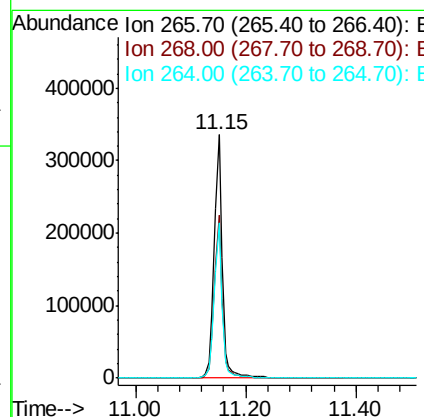
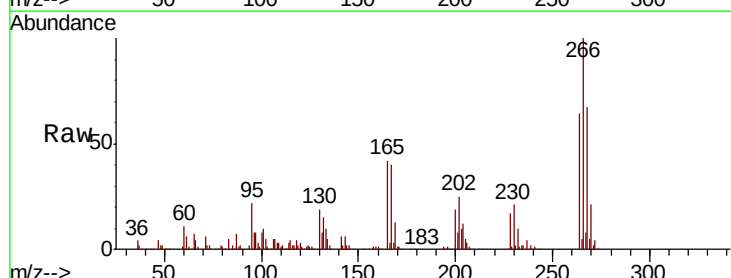
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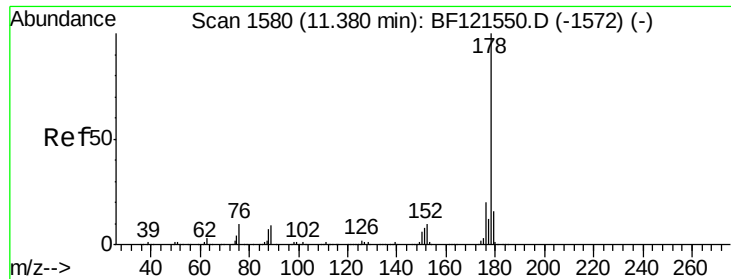
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#70
Pentachlorophenol
Concen: 70.622 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	53.5	80.3
264	63.9	49.8	74.8





#71

Phenanthrene

Concen: 33.818 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

ClientSampleId :

PB131684BS

Tot Ion:178 Resp: 1262133

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

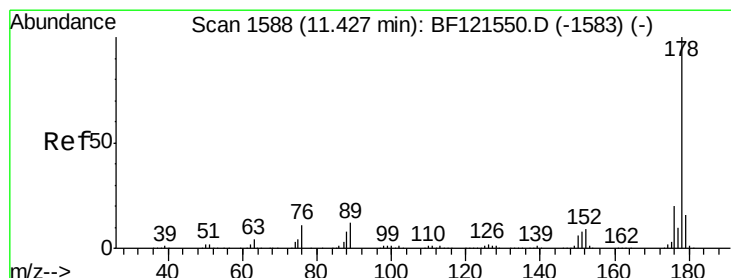
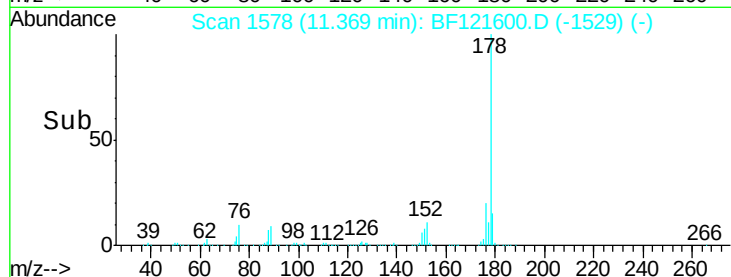
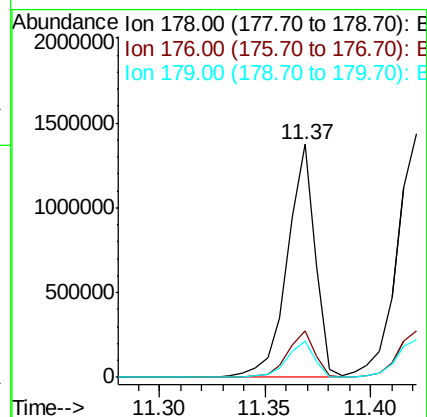
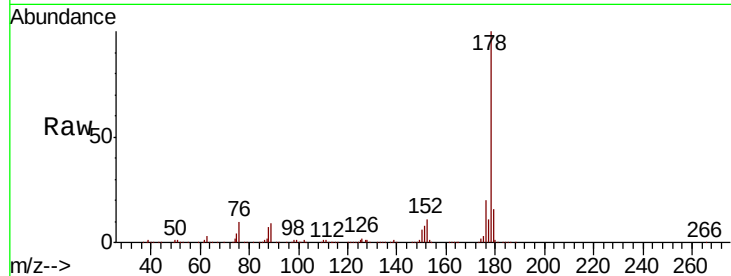
179 15.5 12.6 19.0

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#72

Anthracene

Concen: 33.959 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

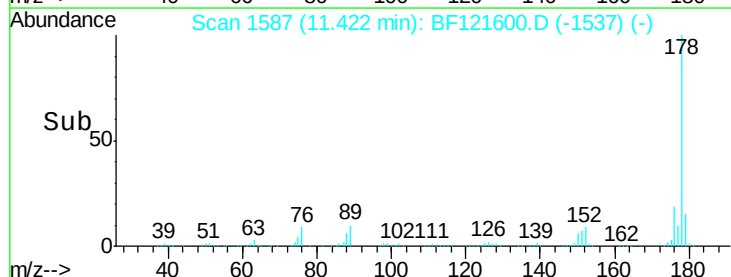
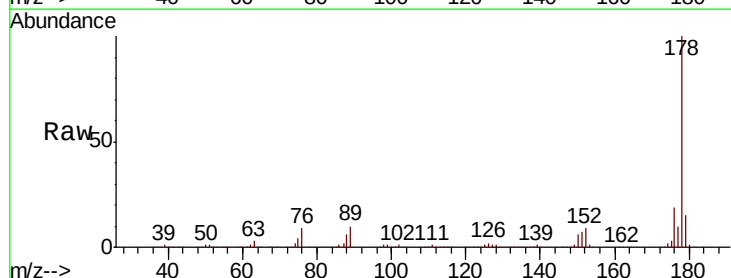
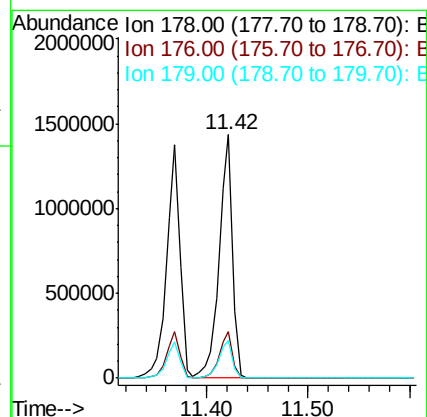
Tgt Ion:178 Resp: 1307889

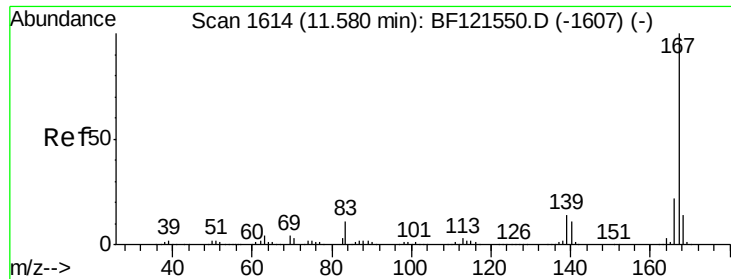
Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

179 15.5 12.8 19.2





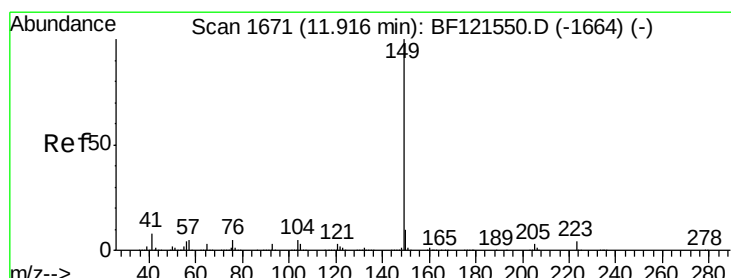
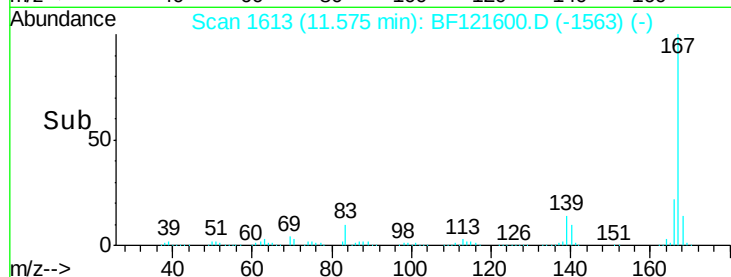
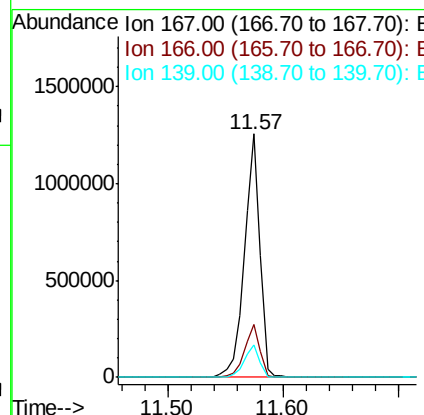
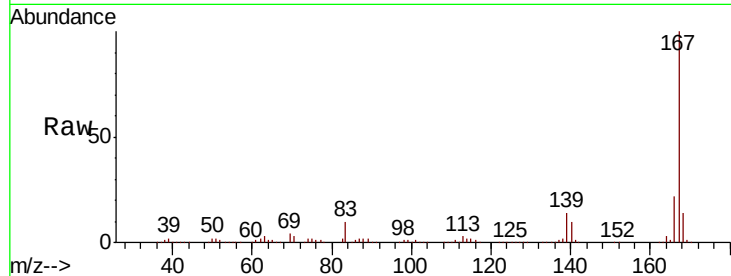
#73
 Carbazole
 Concen: 33.575 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.5	11.2	16.8

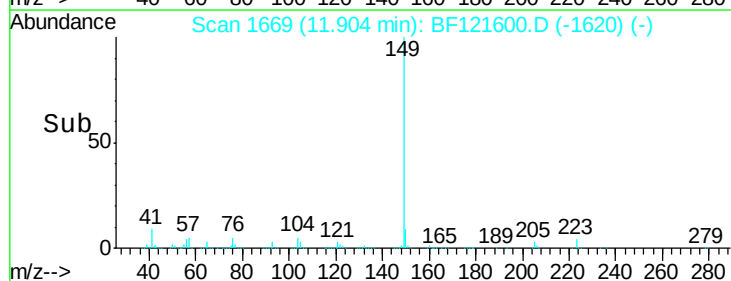
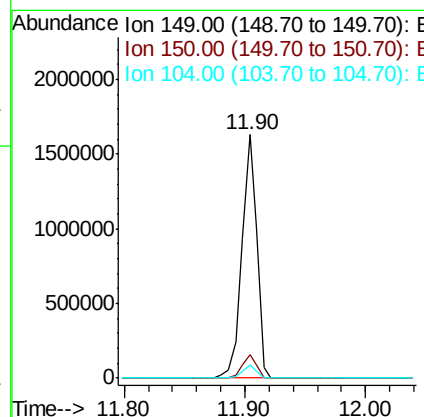
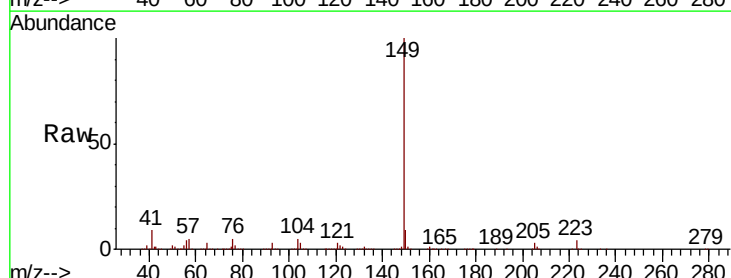
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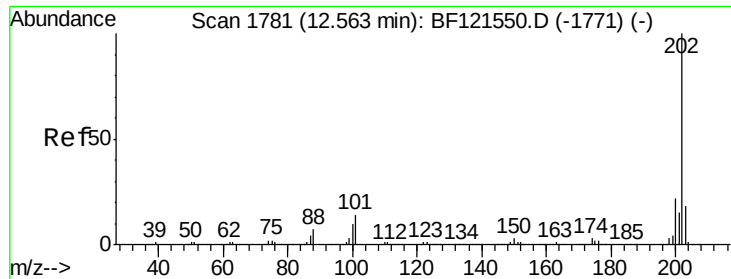
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#74
 Di-n-butylphthalate
 Concen: 35.032 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.3	4.2	6.4





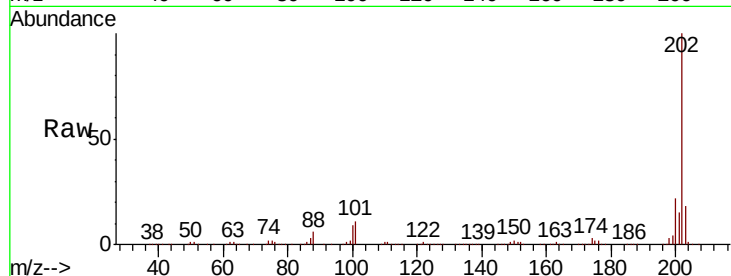
#75
Fluoranthene
Concen: 34.192 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

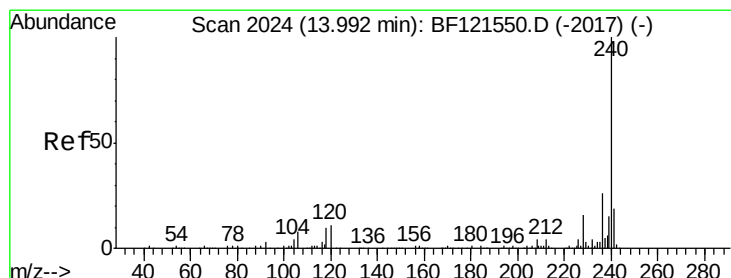
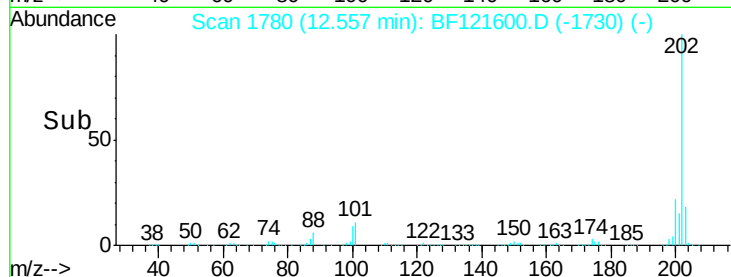
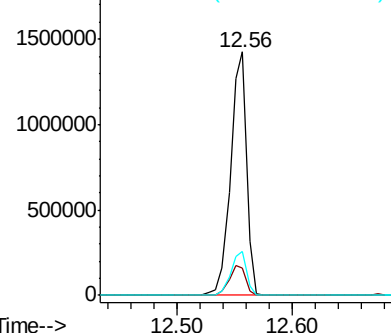
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.0
203	17.9	0.0	38.2

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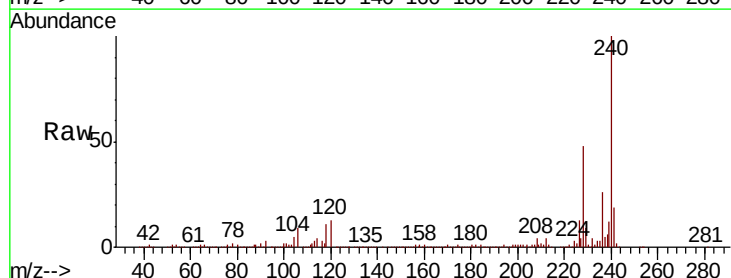


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

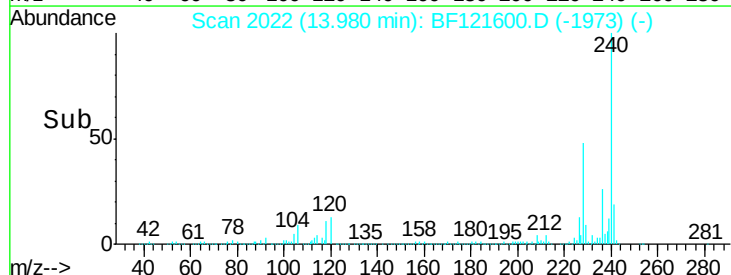
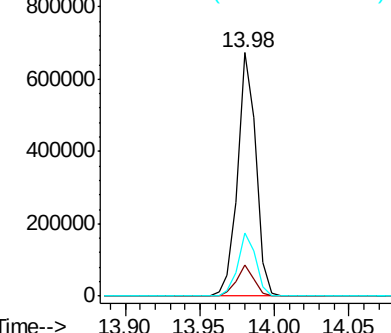


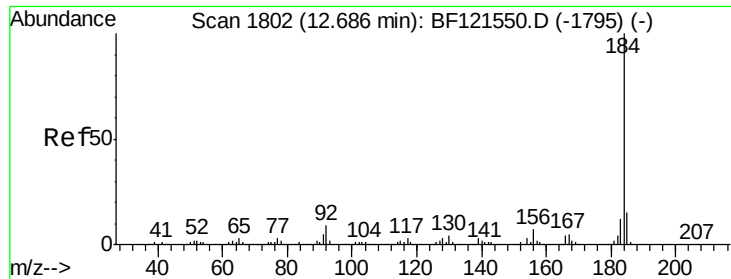
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	26.2	20.5	30.7



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





#77

Benzidine

Concen: 37.996 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

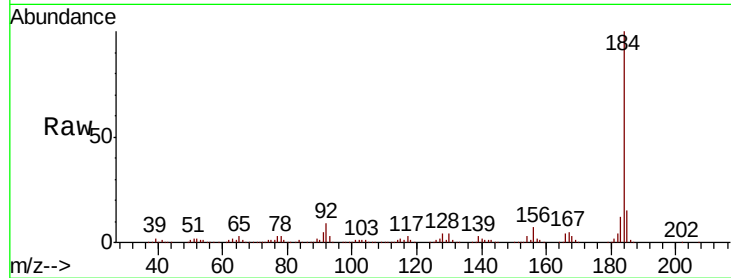
ClientSampleId :

PB131684BS

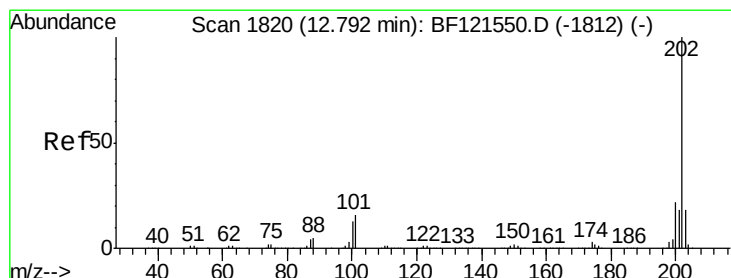
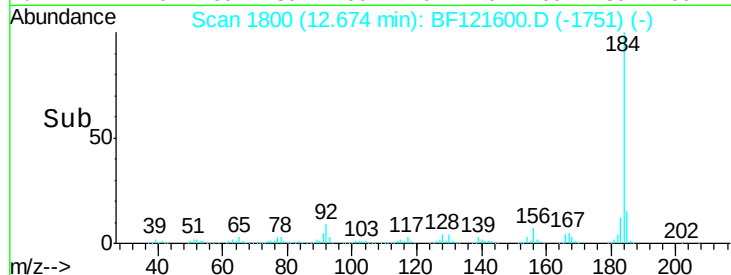
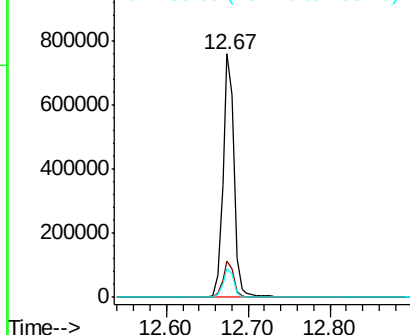
Tot Ion:	184	Resp:	714262
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	11.8	9.5	14.3

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



#78

Pyrene

Concen: 33.709 ng

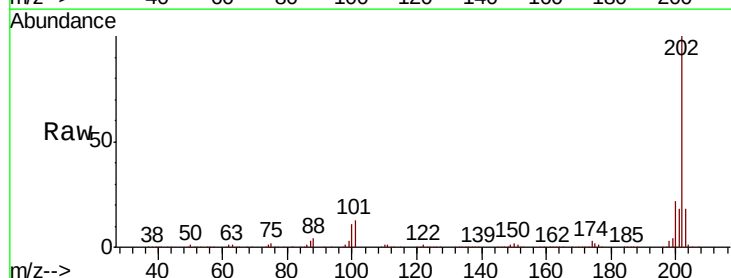
RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

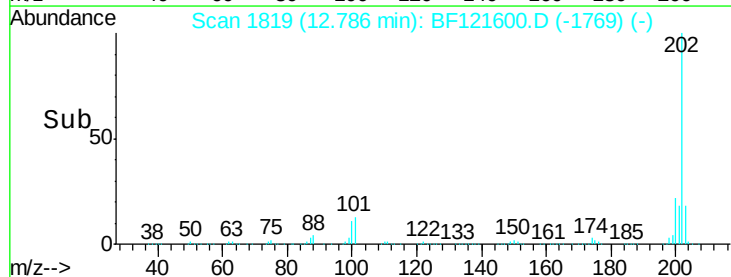
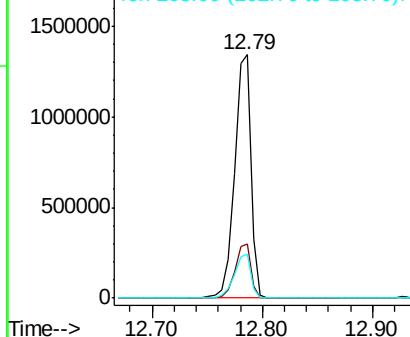
Lab File: BF121600.D

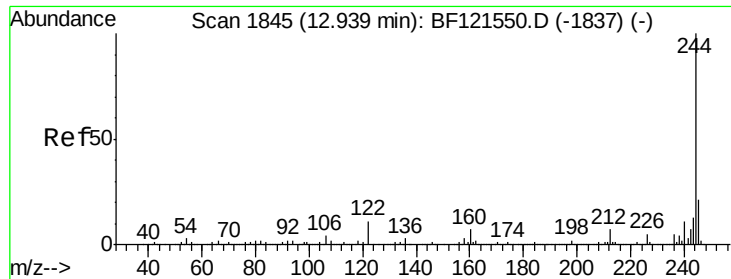
Acq: 17 Sep 2020 16:23

Tgt Ion:	202	Resp:	1396568
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.8	26.8
203	17.9	14.6	22.0



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





#79

Terphenyl-d14

Concen: 68.666 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Instrument :

BNA_F

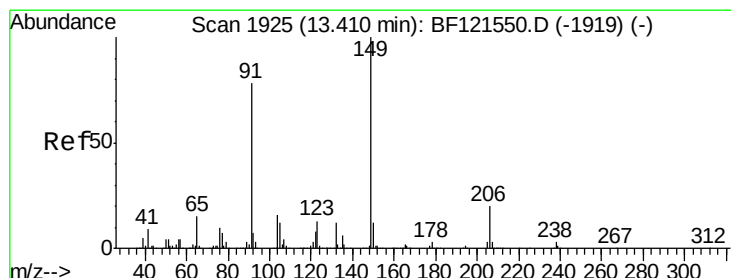
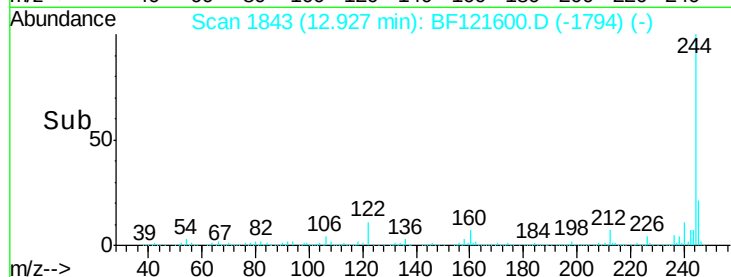
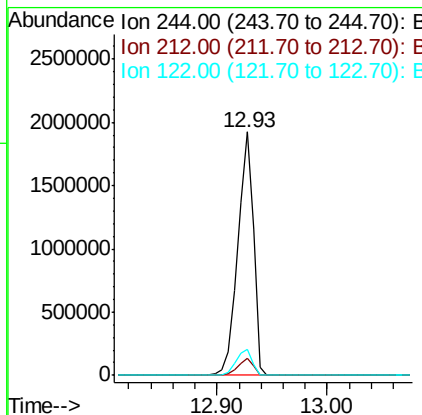
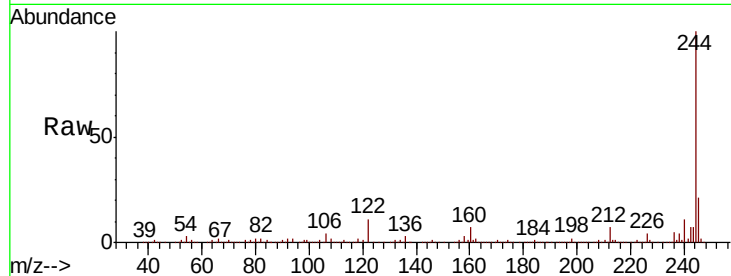
ClientSampleId :

PB131684BS

Tot Ion:	244	Resp:	1921941
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.9	8.7	13.1

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#80

Butylbenzylphthalate

Concen: 36.666 ng

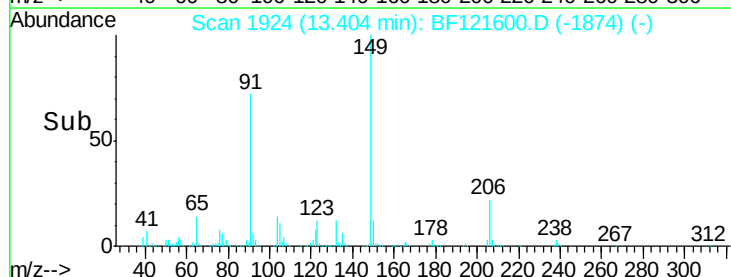
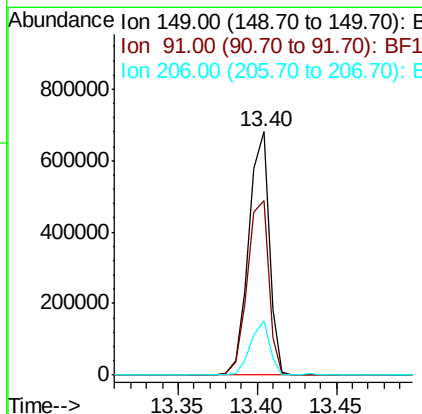
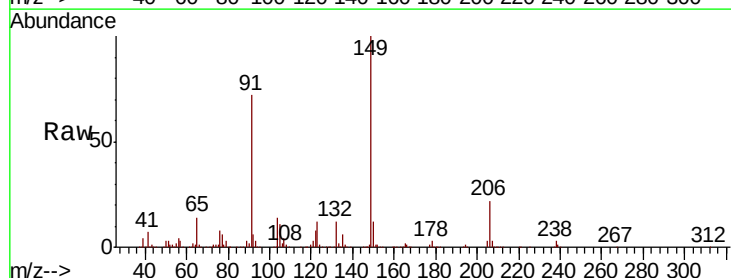
RT: 13.40 min Scan# 1924

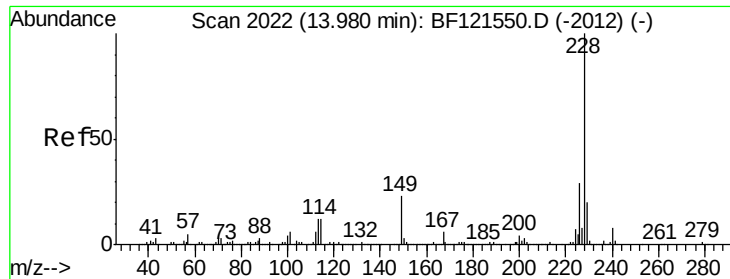
Delta R.T. -0.01 min

Lab File: BF121600.D

Acq: 17 Sep 2020 16:23

Tgt Ion:	149	Resp:	614366
Ion	Ratio	Lower	Upper
149	100		
91	71.6	62.6	94.0
206	22.0	15.8	23.6





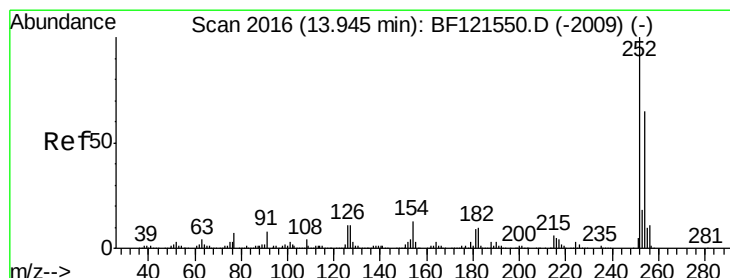
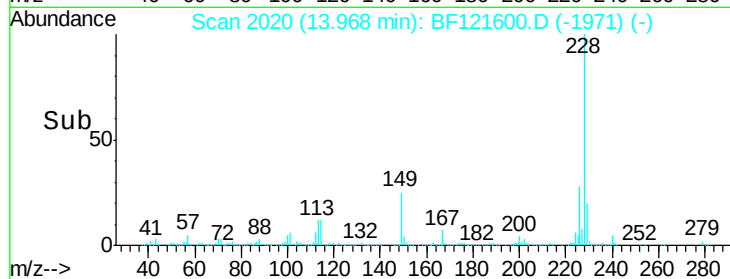
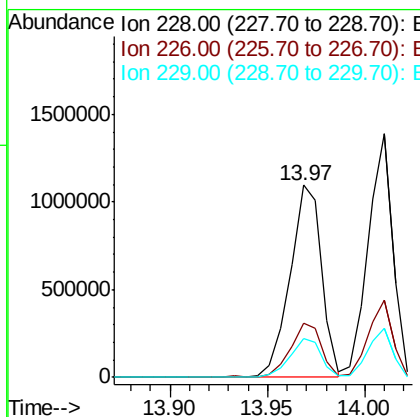
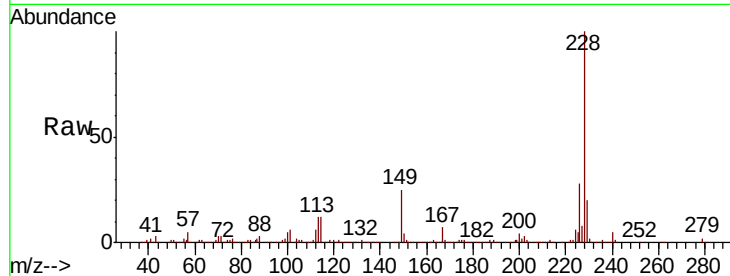
#81
Benzo(a)anthracene
Concen: 34.187 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.9	34.3
229	20.5	16.3	24.5

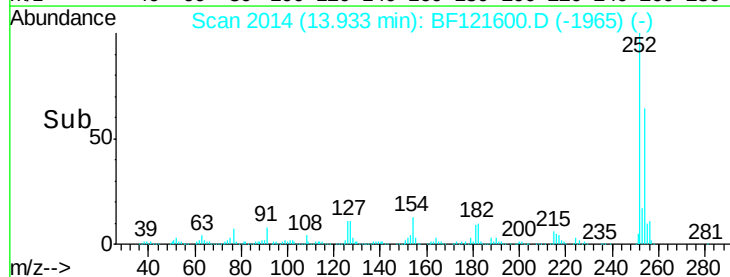
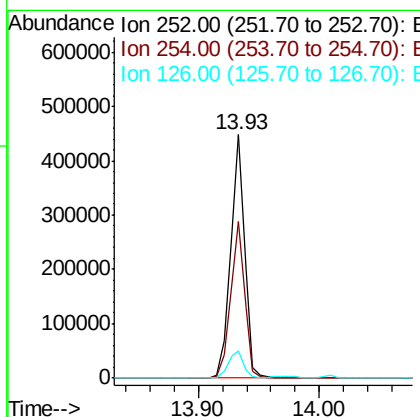
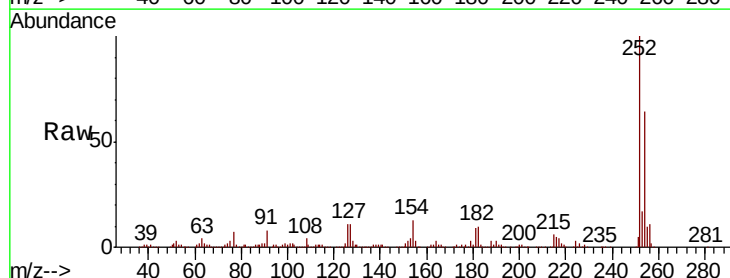
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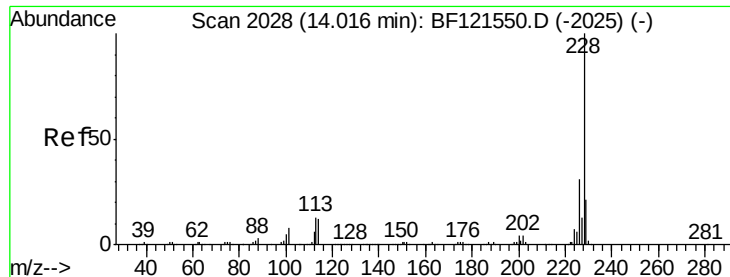
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#82
3,3'-Dichlorobenzidine
Concen: 26.046 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	11.2	9.1	13.7





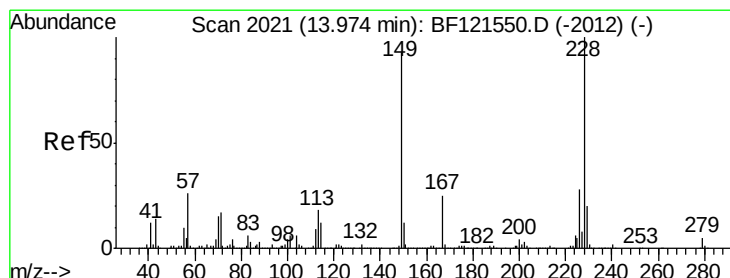
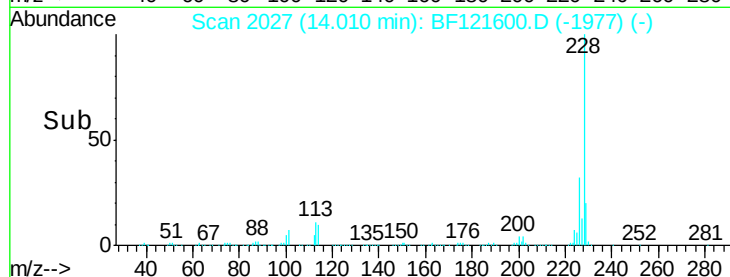
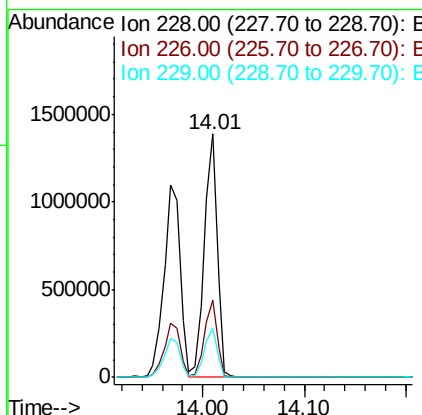
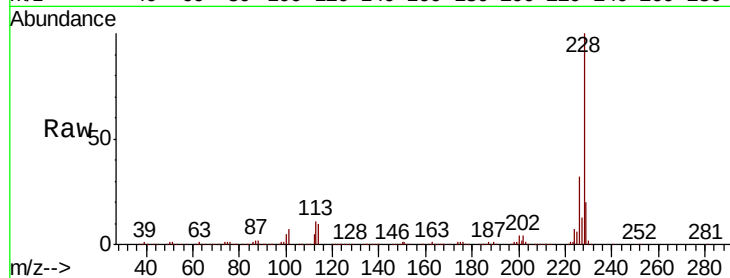
#83
 Chrysene
 Concen: 33.645 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.1	37.7
229	20.2	16.6	25.0

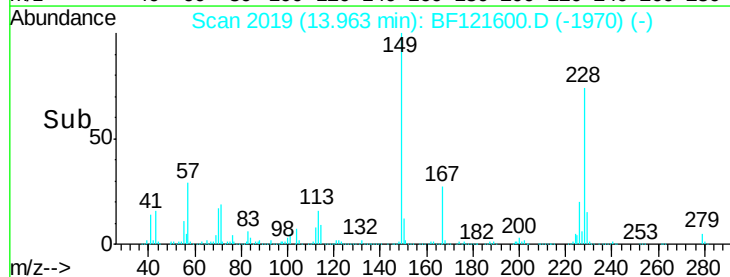
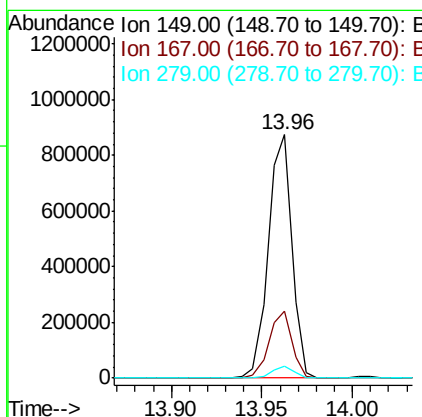
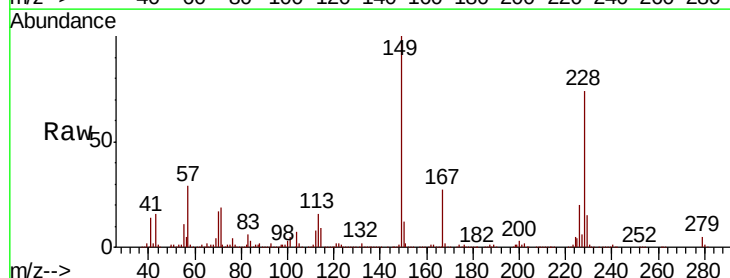
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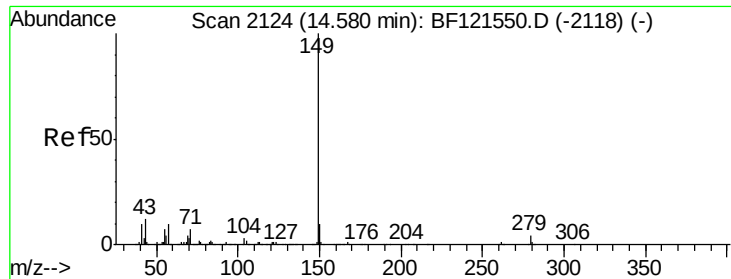
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.380 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	5.1	4.1	6.1





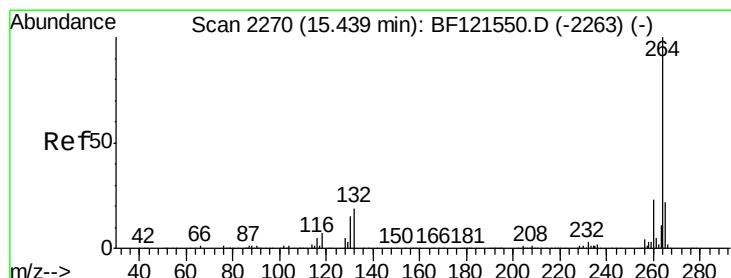
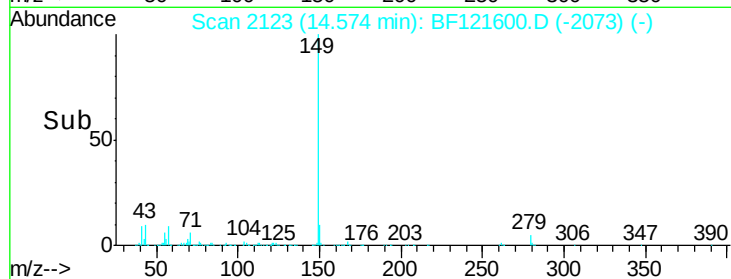
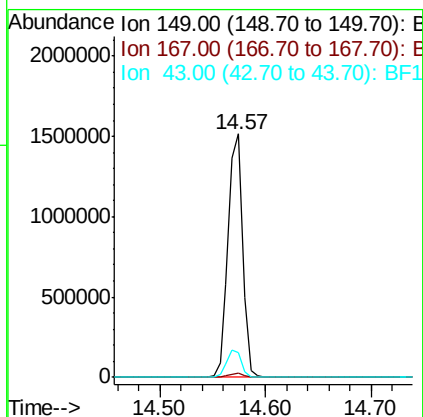
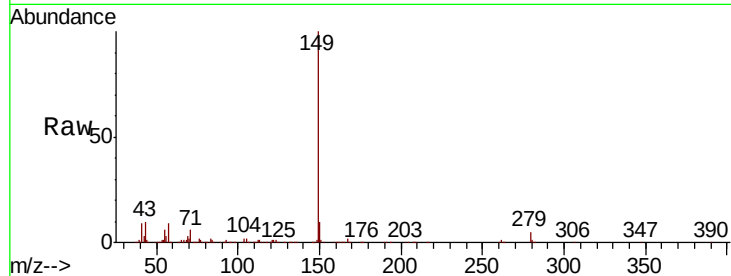
#85
Di-n-octyl phthalate
Concen: 36.789 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	9.4	14.0

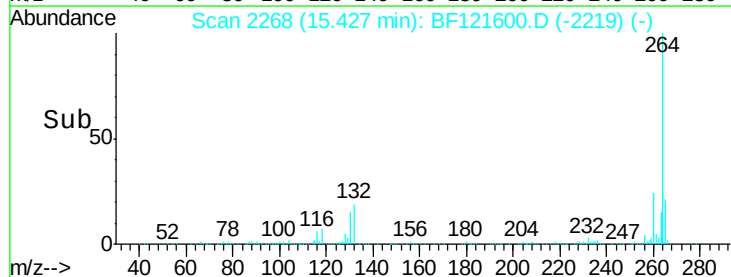
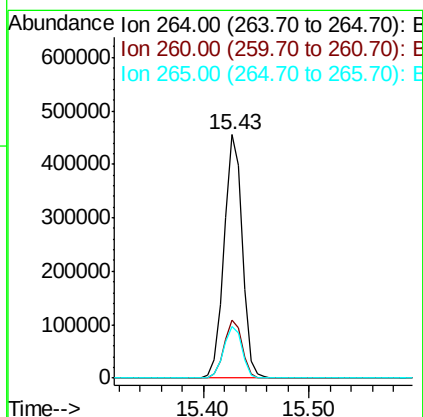
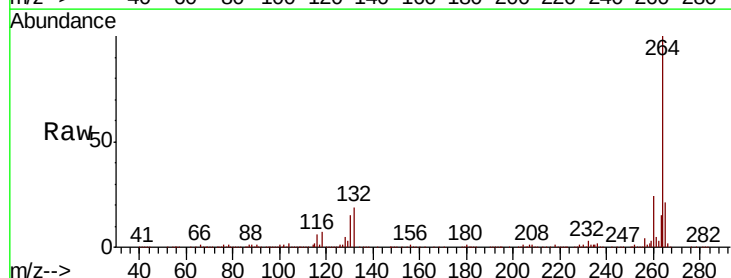
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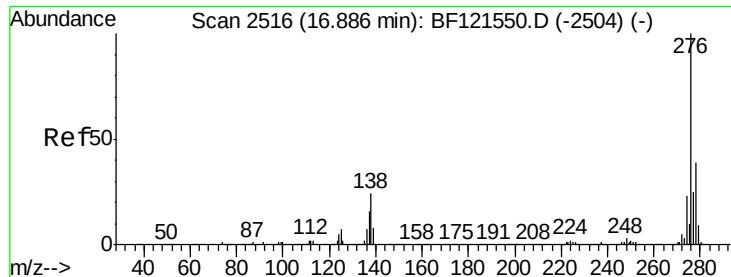
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.3	17.8	26.6





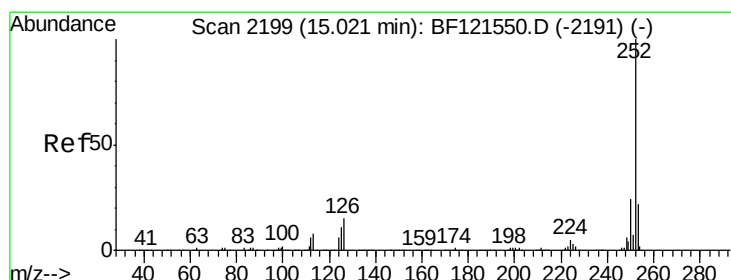
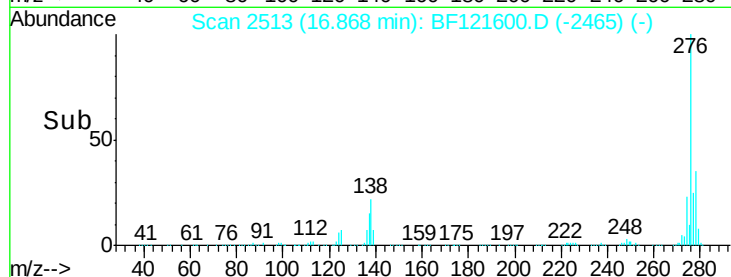
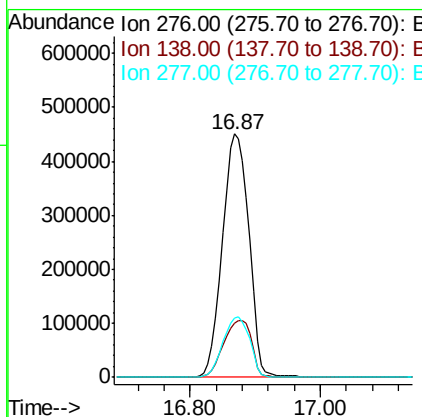
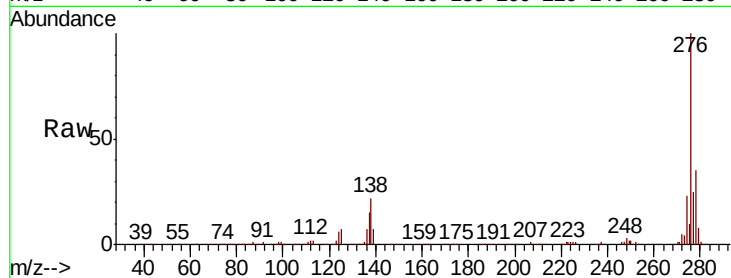
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.768 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.02 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB131684BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	31.0
277	25.4	20.2	30.4

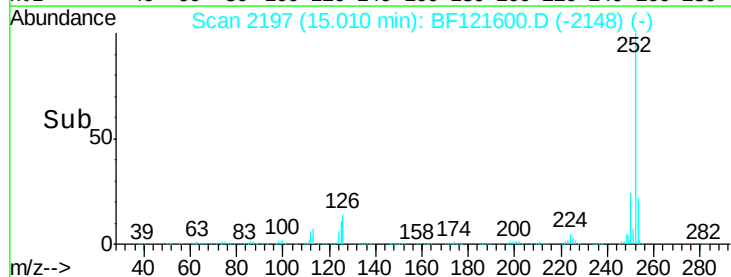
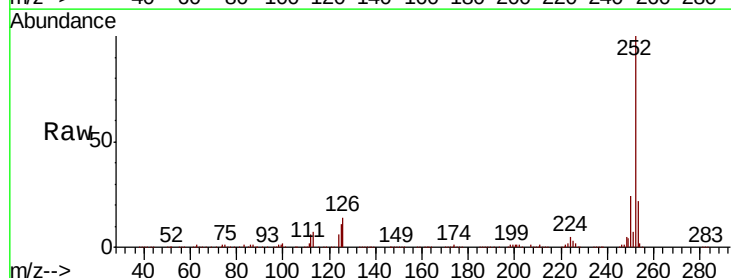
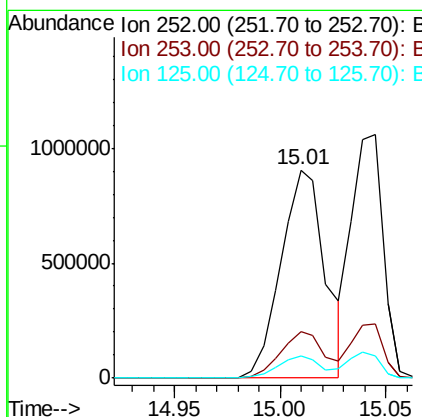
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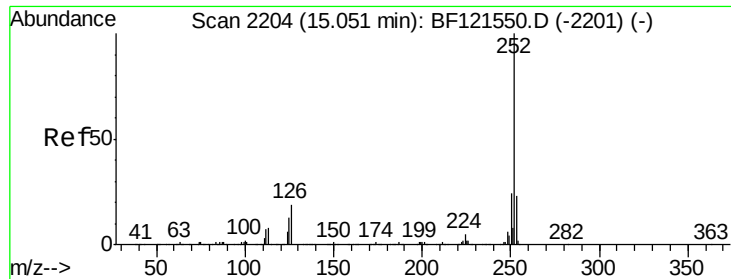
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#88
 Benzo(b)fluoranthene
 Concen: 36.205 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BF121600.D
 Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.8	9.2	13.8





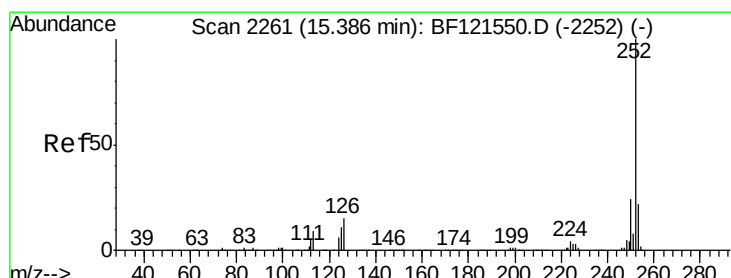
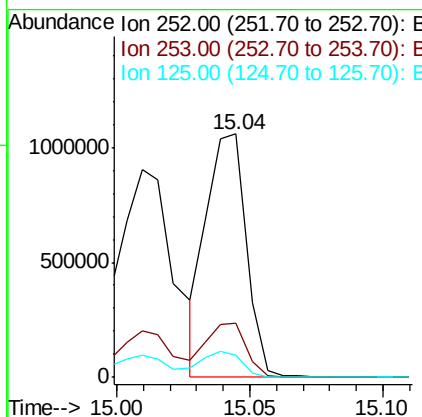
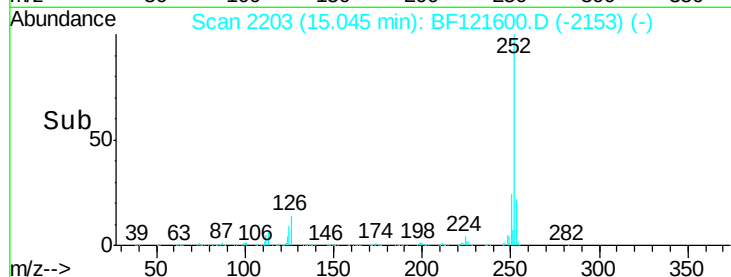
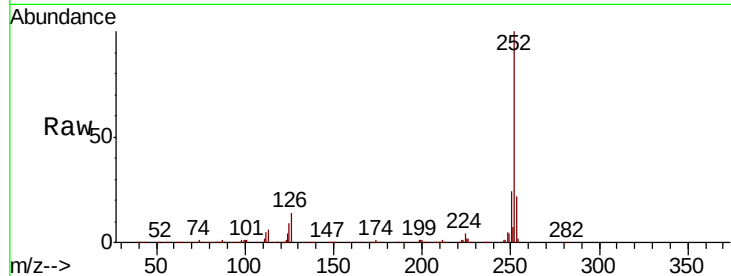
#89
Benzo(k)fluoranthene
Concen: 33.275 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion:252 Resp: 1114748
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 9.1 9.8 14.6#

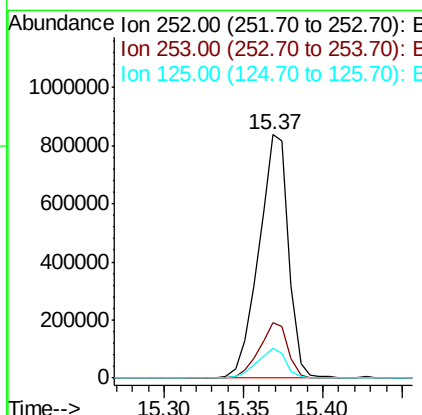
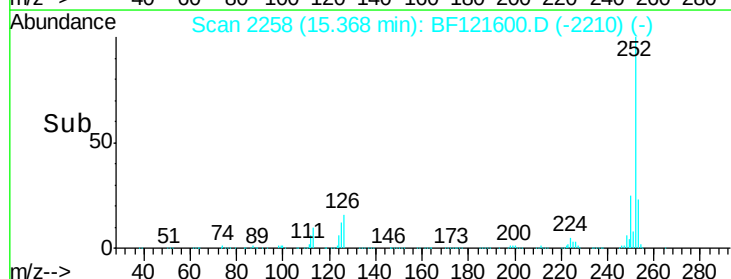
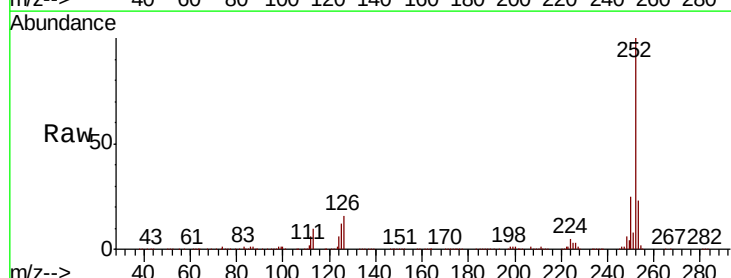
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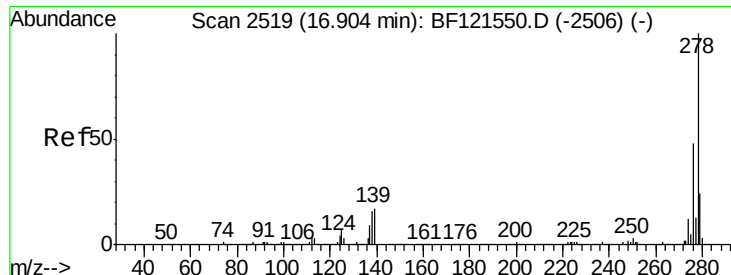
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#90
Benzo(a)pyrene
Concen: 35.328 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion:252 Resp: 1098621
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 12.3 9.0 13.4





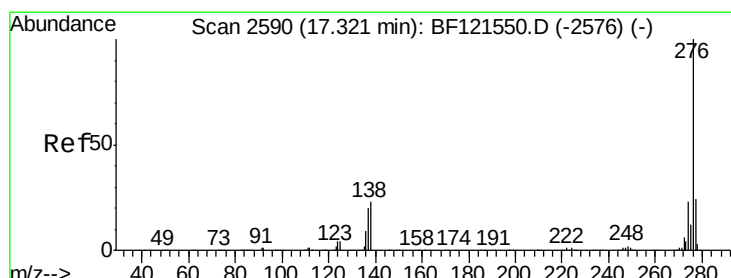
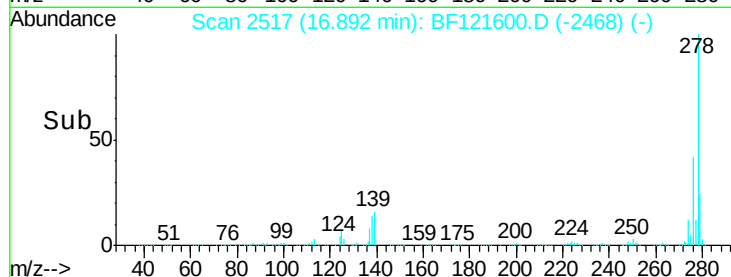
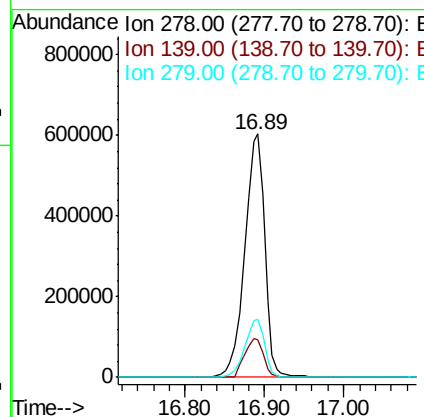
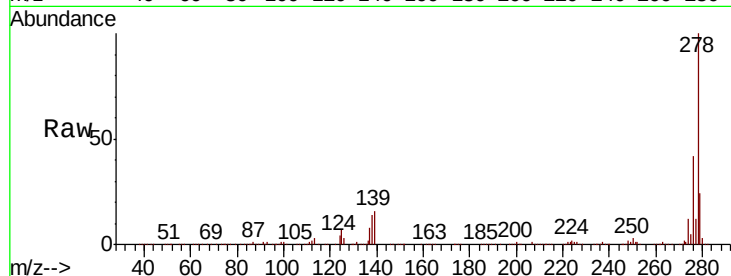
#91
Dibenzo(a,h)anthracene
Concen: 35.493 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Instrument :
BNA_F
ClientSampleId :
PB131684BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.9	20.9
279	24.1	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 35.705 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BF121600.D
Acq: 17 Sep 2020 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	21.7	18.7	28.1

