

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121591.D
 Acq On : 16 Sep 2020 11:46
 Operator : JU/CG
 Sample : PB131616BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:28:09 AM

Quant Time: Sep 16 13:01:55 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	197289	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	797108	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	432129	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	811066	20.00	ng	0.00
76) Chrysene-d12	13.99	240	657129	20.00	ng	0.00
86) Perylene-d12	15.43	264	555005	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1216865	91.66	ng	0.02
7) Phenol-d6	6.47	99	1604238	92.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	1388494	93.53	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	520971	97.00	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2416111	84.68	ng	0.00
79) Terphenyl-d14	12.93	244	2278075	70.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	212104	34.777	ng	99
3) Pyridine	3.43	79	506270	30.027	ng	97
4) n-Nitrosodimethylamine	3.39	42	281215	35.958	ng	100
6) Aniline	6.49	93	561293	24.745	ng	# 78
8) 2-Chlorophenol	6.62	128	515243	38.120	ng	97
9) Benzaldehyde	6.37	77	301459	26.477	ng	98
10) Phenol	6.48	94	647198	34.896	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	569207	40.721	ng	99
12) 1,3-Dichlorobenzene	6.76	146	554011	36.723	ng	98
13) 1,4-Dichlorobenzene	6.84	146	558408	36.863	ng	99
14) 1,2-Dichlorobenzene	7.00	146	506561	36.301	ng	99
15) Benzyl Alcohol	6.97	79	454374	38.383	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840582	37.370	ng	93
17) 2-Methylphenol	7.09	107	442596	38.485	ng	95
18) Hexachloroethane	7.33	117	209753	38.672	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	380860	37.943	ng	98
20) 3+4-Methylphenols	7.24	107	516866	37.406	ng	96
22) Acetophenone	7.23	105	714812	35.345	ng	94
24) Nitrobenzene	7.41	77	575370	35.833	ng	97
25) Isophorone	7.65	82	1071093	35.840	ng	98
26) 2-Nitrophenol	7.72	139	279849	37.607	ng	92
27) 2,4-Dimethylphenol	7.76	122	473942	35.528	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	677171	36.602	ng	99
29) 2,4-Dichlorophenol	7.97	162	444573	36.590	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	466089	36.423	ng	99
31) Naphthalene	8.13	128	1515084	36.006	ng	99
32) Benzoic acid	7.90	122	338657	36.045	ng	98
33) 4-Chloroaniline	8.17	127	460659	25.256	ng	97
34) Hexachlorobutadiene	8.25	225	279135	37.163	ng	99
35) Caprolactam	8.56	113	144694m	35.760	ng	
36) 4-Chloro-3-methylphenol	8.67	107	480786	36.732	ng	100
37) 2-Methylnaphthalene	8.82	142	1014089	36.775	ng	99
38) 1-Methylnaphthalene	8.92	142	960151	37.413	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	462402	34.256	ng	99

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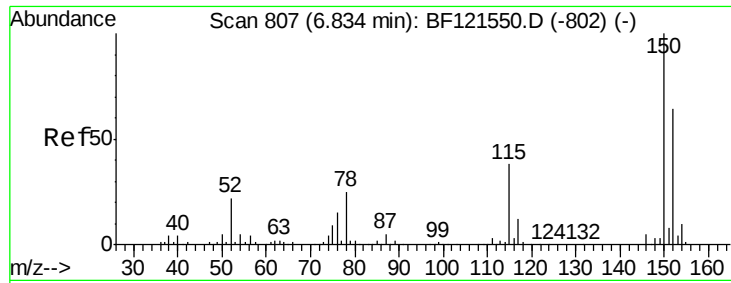
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	515638	66.892	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	329896	35.856	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	350795	36.066	nq	96
46) 1,1'-Biphenyl	9.29	154	1212204	35.040	nq	99
47) 2-Chloronaphthalene	9.31	162	931762	34.179	nq	100
48) 2-Nitroaniline	9.40	65	321863	37.993	nq	98
49) Acenaphthylene	9.73	152	1485448	35.464	nq	100
50) Dimethylphthalate	9.59	163	1143211	36.501	nq	99
51) 2,6-Dinitrotoluene	9.65	165	250478	37.552	nq #	85
52) Acenaphthene	9.90	154	1016011m	38.404	nq	
53) 3-Nitroaniline	9.82	138	184310	23.853	nq	94
54) 2,4-Dinitrophenol	9.93	184	274203	72.261	nq	99
55) Dibenzofuran	10.07	168	1305888	35.051	nq	100
56) 4-Nitrophenol	9.99	139	418878	67.975	nq	99
57) 2,4-Dinitrotoluene	10.05	165	333467	39.739	nq	96
58) Fluorene	10.41	166	977639	34.313	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	295809	37.409	nq	97
60) Diethylphthalate	10.29	149	1116476	36.562	nq	100
61) 4-Chlorophenyl-phenylether	10.40	204	485638	35.582	nq	96
62) 4-Nitroaniline	10.43	138	254908	33.225	nq	99
63) Azobenzene	10.56	77	1122518	34.519	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	187577	39.161	nq	90
66) n-Nitrosodiphenylamine	10.52	169	962191	34.579	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	333428	36.107	nq	97
68) Hexachlorobenzene	10.96	284	369624	35.468	nq	99
69) Atrazine	11.05	200	279984	40.500	nq	98
70) Pentachlorophenol	11.16	266	406501	71.027	nq	99
71) Phenanthrene	11.37	178	1499611	33.935	nq	100
72) Anthracene	11.42	178	1540020	33.771	nq	100
73) Carbazole	11.58	167	1379617	33.525	nq	99
74) Di-n-butylphthalate	11.91	149	1720886	36.232	nq	99
75) Fluoranthene	12.56	202	1612712	34.187	nq	99
77) Benzidine	12.68	184	626020	28.736	nq	99
78) Pyrene	12.79	202	1640627	34.171	nq	100
80) Butylbenzylphthalate	13.40	149	754608	38.862	nq	98
81) Benzo(a)anthracene	13.97	228	1427961	34.348	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	438634	27.026	nq	98
83) Chrysene	14.02	228	1417981	33.683	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	984667	37.959	nq	99
85) Di-n-octyl phthalate	14.57	149	1775525	38.784	nq	100
87) Indeno(1,2,3-cd)pyrene	16.88	276	1429227	39.543	nq	100
88) Benzo(b)fluoranthene	15.02	252	1548213	41.728	nq	99
89) Benzo(k)fluoranthene	15.05	252	1245953m	36.671	nq	
90) Benzo(a)pyrene	15.38	252	1257287	39.865	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1190239	39.560	nq	98
92) Benzo(g,h,i)perylene	17.32	276	1175918	39.761	nq	97

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



#1

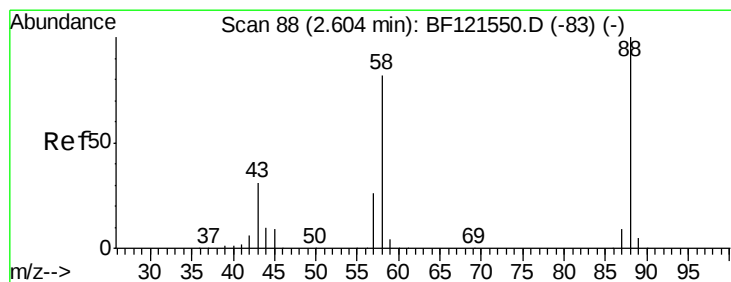
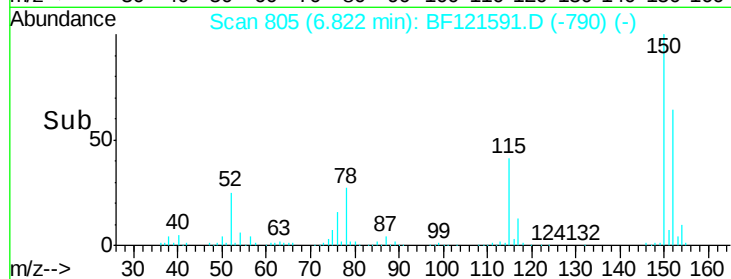
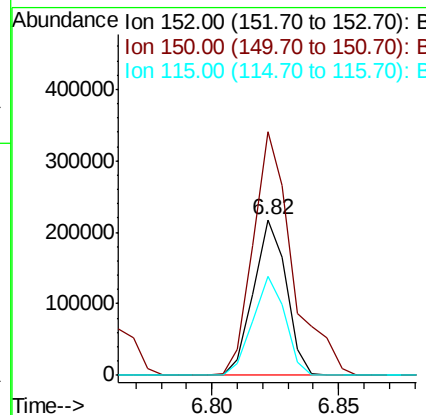
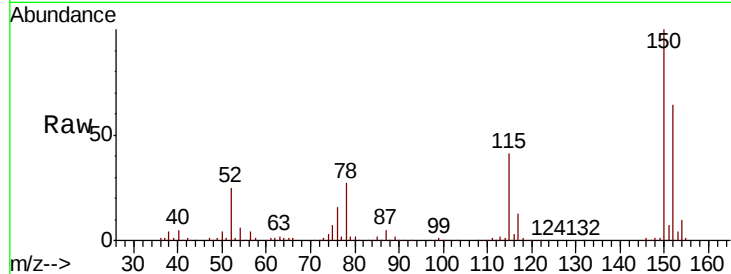
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.6
115	63.3	47.8	71.8

Manual Integrations
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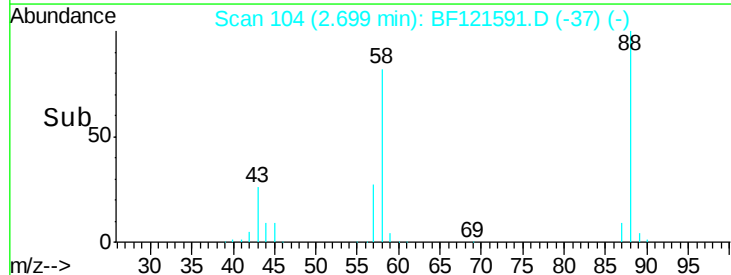
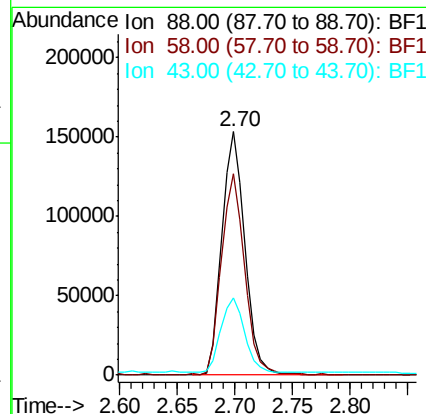
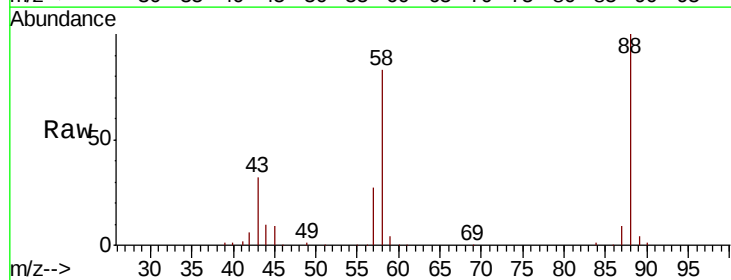
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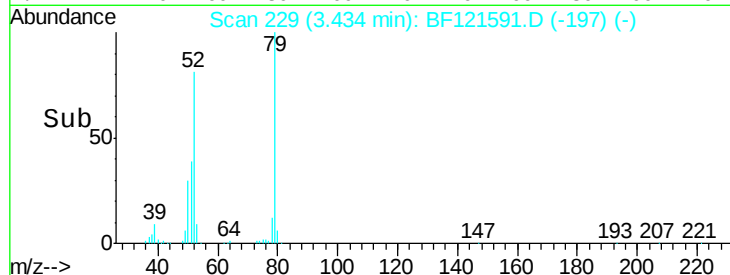
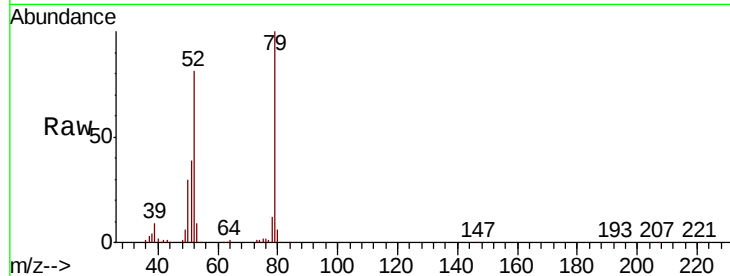
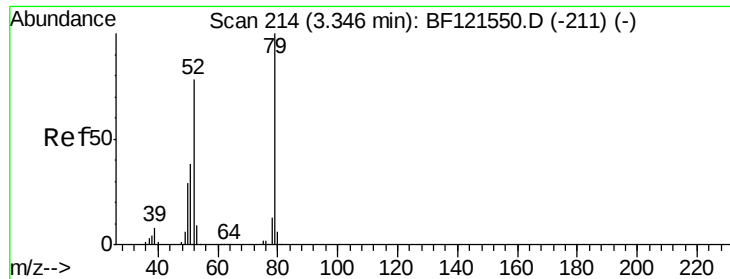


#2

1,4-Dioxane
Concen: 34.777 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.1	65.1	97.7
43	31.3	25.0	37.4





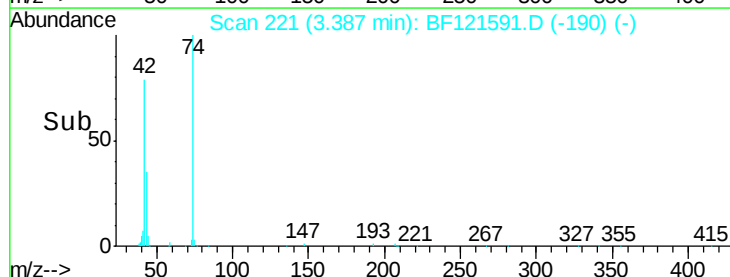
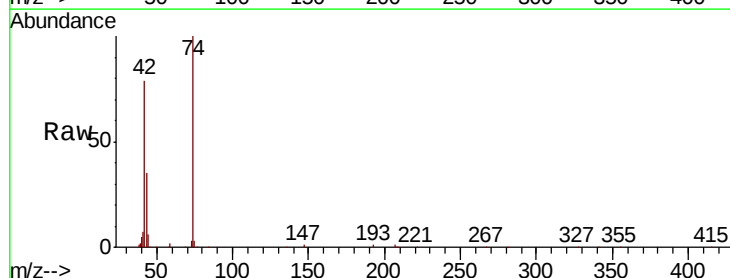
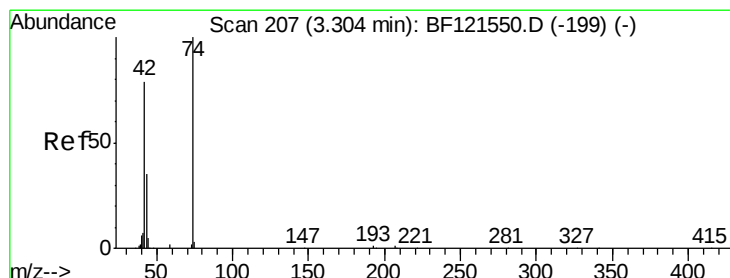
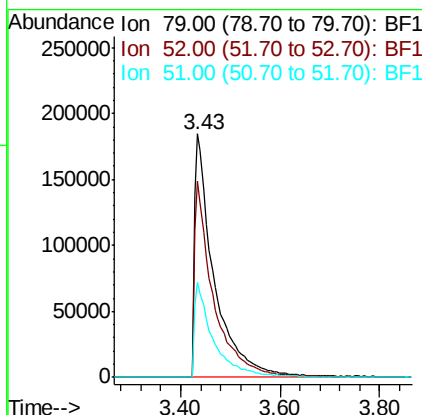
#3
Pvridine
Concen: 30.027 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.09 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	80.8	62.2	93.2	
51	39.0	30.6	45.8	

Instrument :
BNA_F
ClientSampleId :
PB131616BS

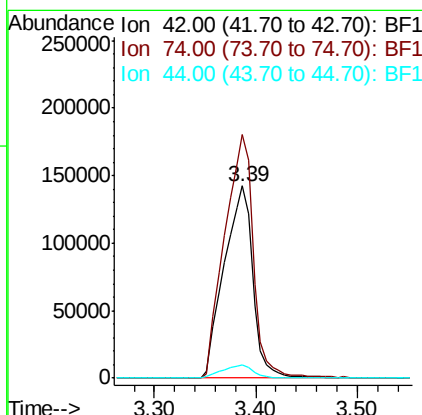
Manual Integrations
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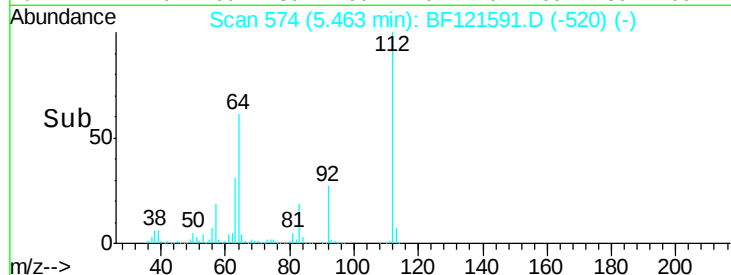
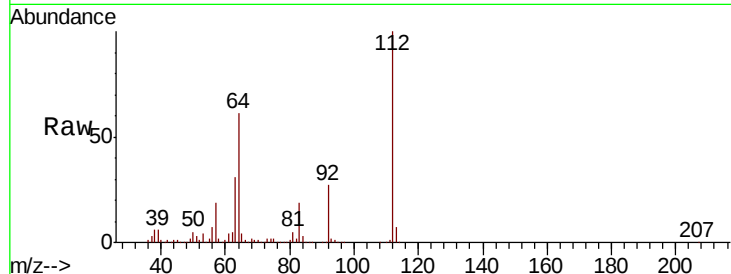
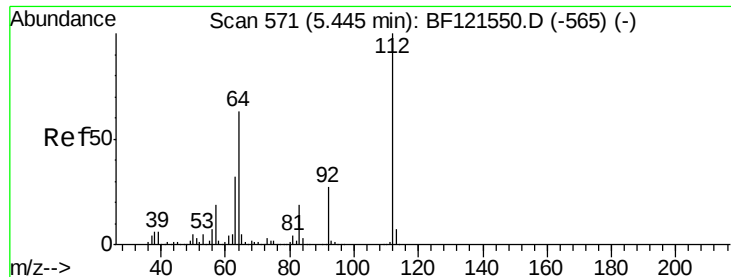
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#4
n-Nitrosodimethylamine
Concen: 35.958 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.08 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	126.8	101.7	152.5	
44	7.1	5.4	8.2	





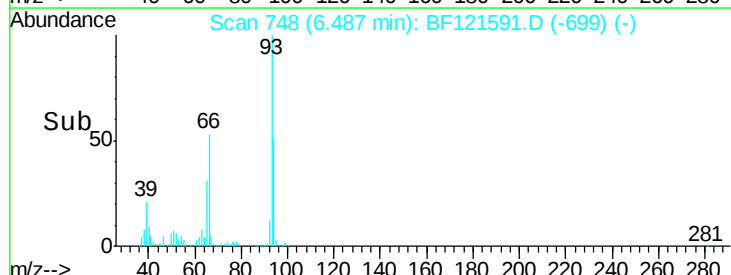
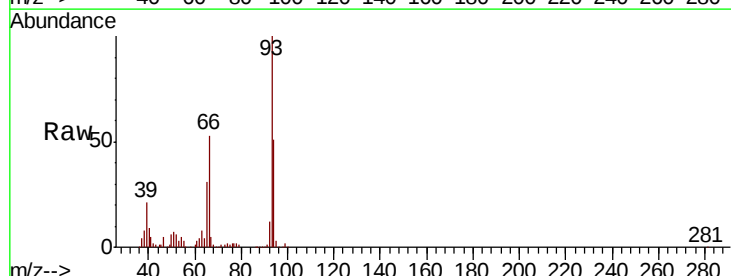
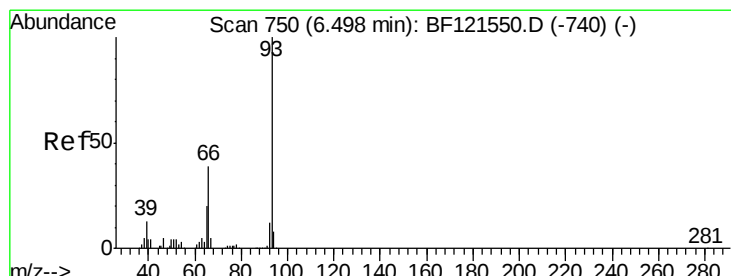
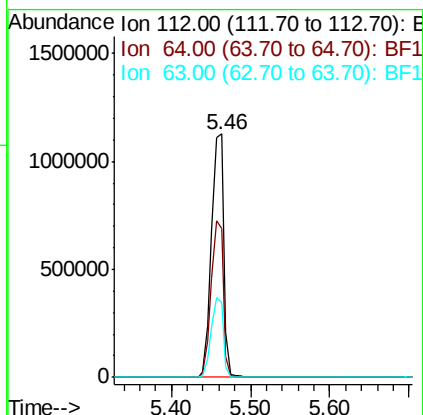
#5
2-Fluorophenol
Concen: 91.663 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.3	75.5
63	30.8	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
PB131616BS

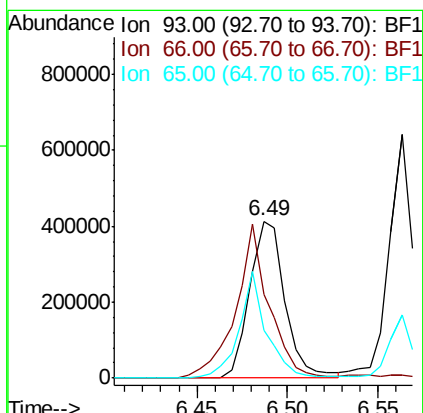
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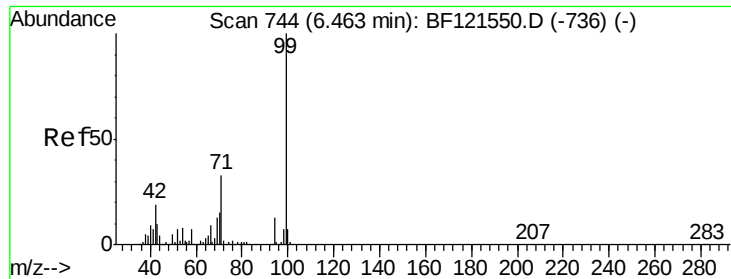
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#6
Aniline
Concen: 24.745 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.3	31.8	47.8#
65	30.8	16.2	24.2#





#7

Phenol-d6

Concen: 92.110 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion: 99 Resp: 1604238

Ion Ratio Lower Upper

99 100

42 20.2 15.5 23.3

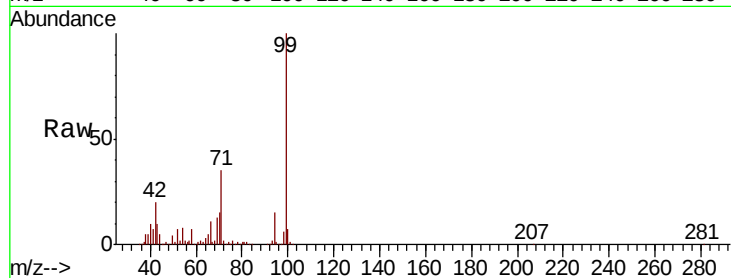
71 35.1 26.1 39.1

Manual Integrations

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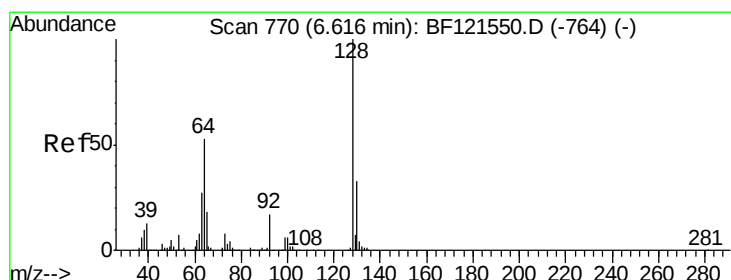
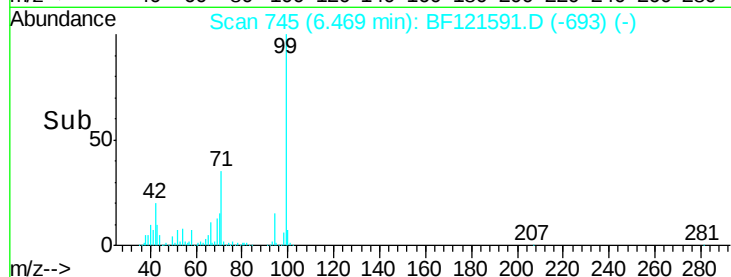
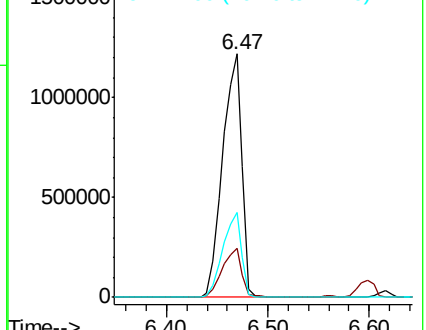
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.120 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

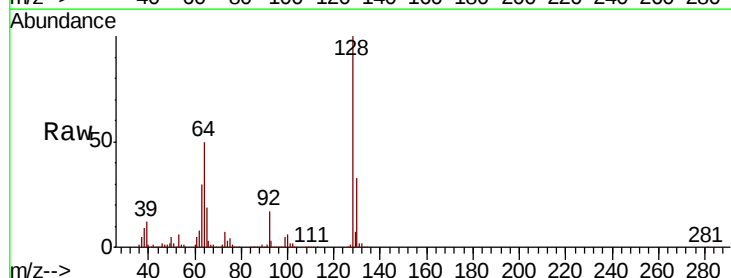
Tgt Ion: 128 Resp: 515243

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

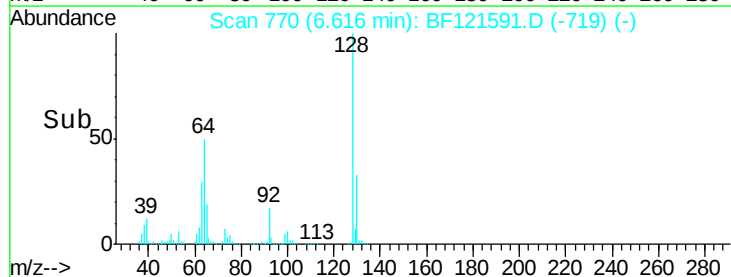
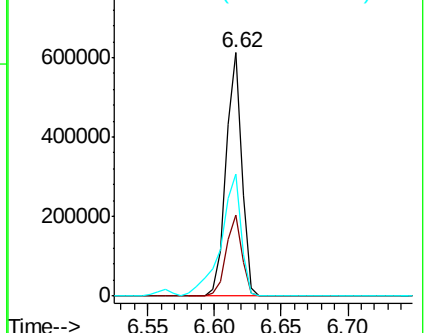
64 49.9 33.1 73.1

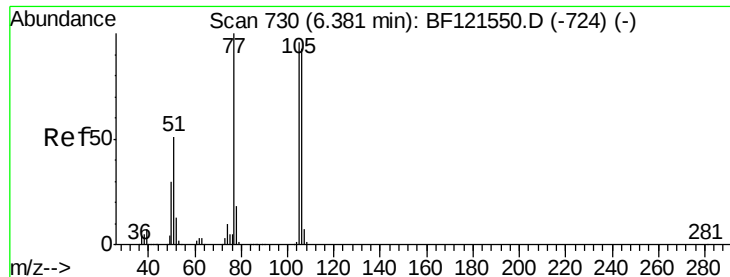


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.477 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion: 77 Resp: 301459

Ion Ratio Lower Upper

77 100

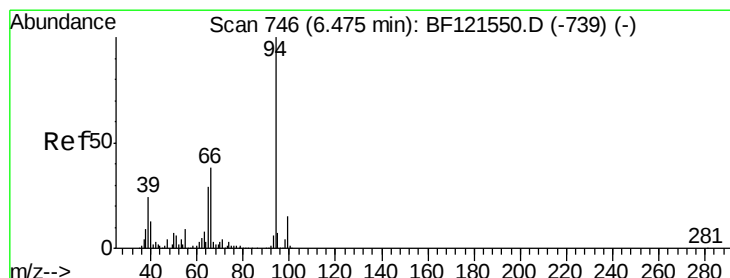
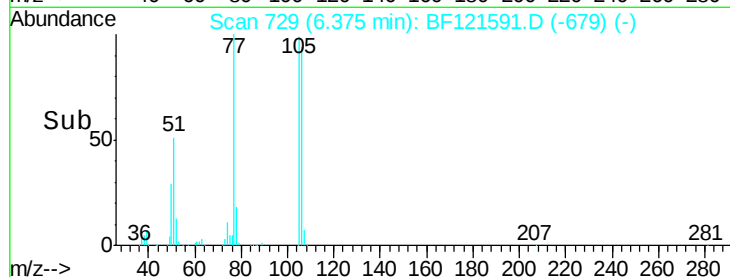
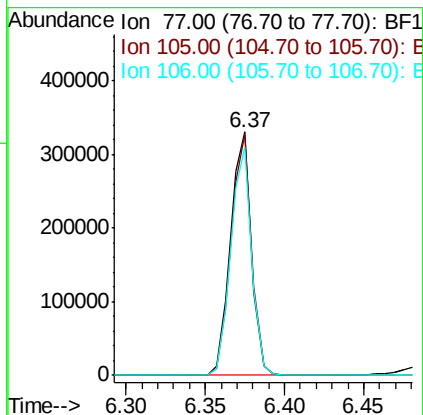
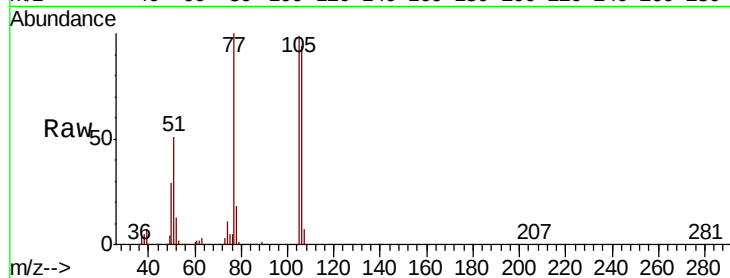
105 99.3 76.4 116.4

106 94.0 73.5 113.5

Manual Integrations
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#10

Phenol

Concen: 34.896 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

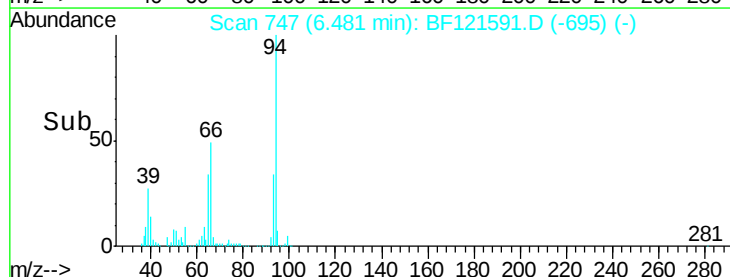
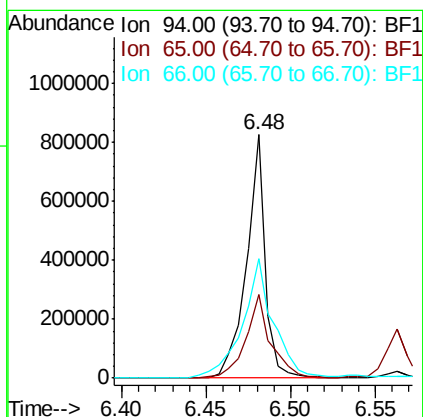
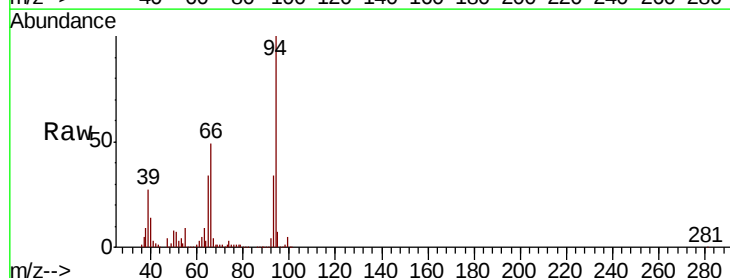
Tgt Ion: 94 Resp: 647198

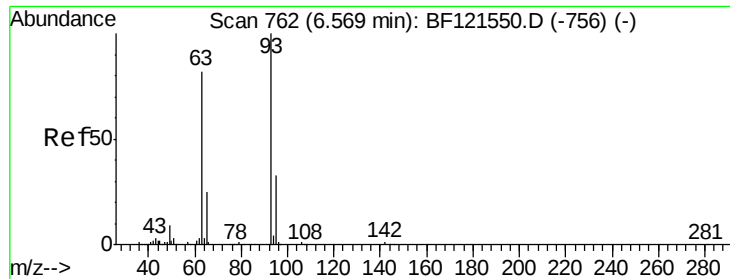
Ion Ratio Lower Upper

94 100

65 34.1 9.4 49.4

66 49.0 18.3 58.3





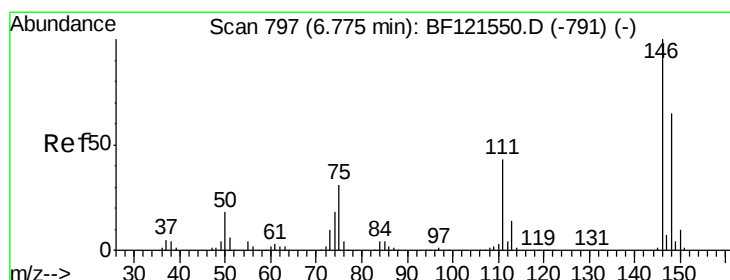
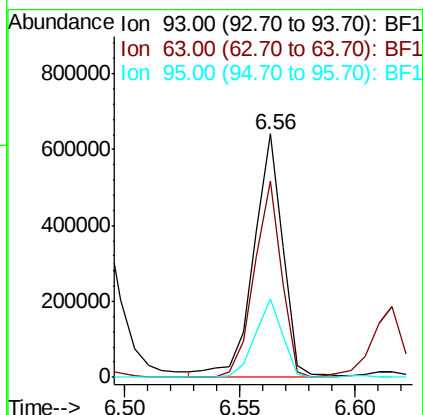
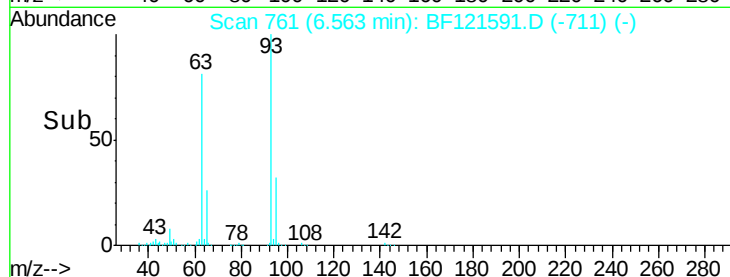
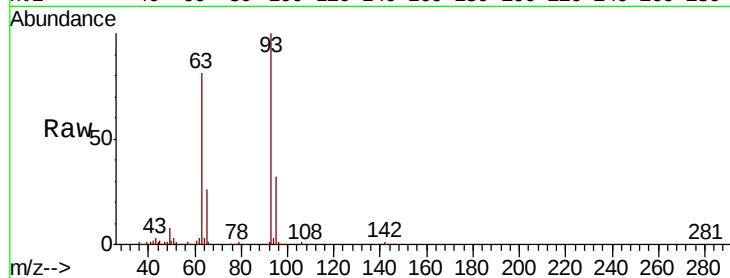
#11
bis(2-Chloroethyl)ether
Concen: 40.721 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	61.7	101.7
95	32.4	12.7	52.7

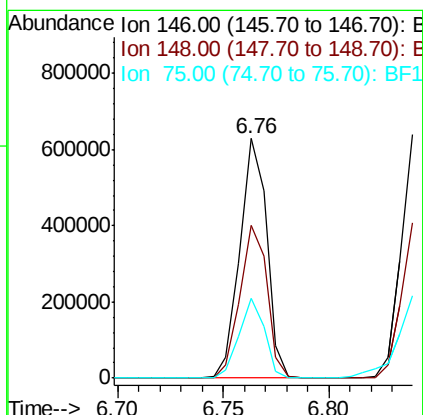
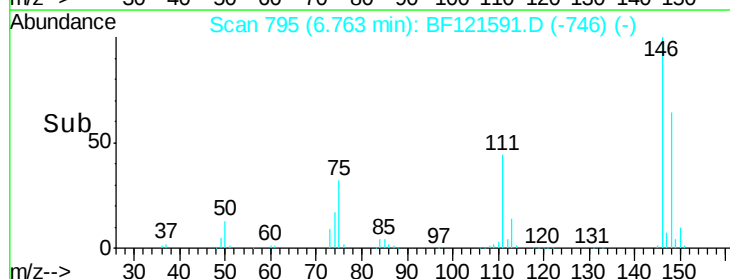
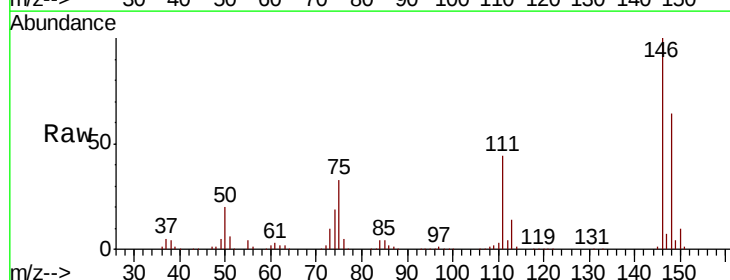
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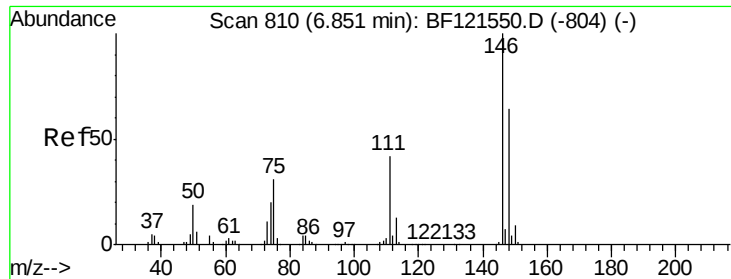
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#12
1,3-Dichlorobenzene
Concen: 36.723 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	33.2	24.6	36.8





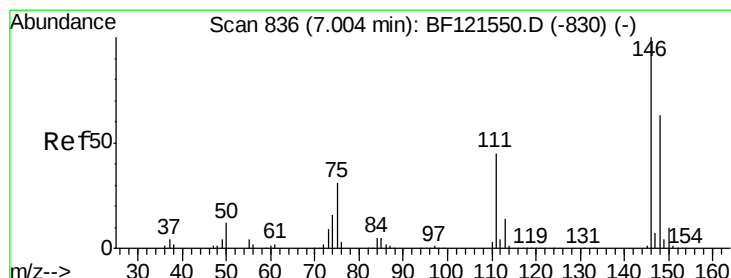
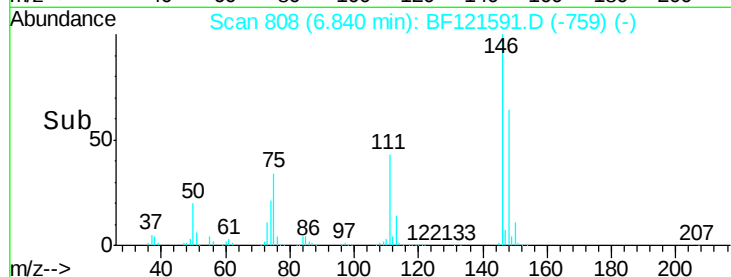
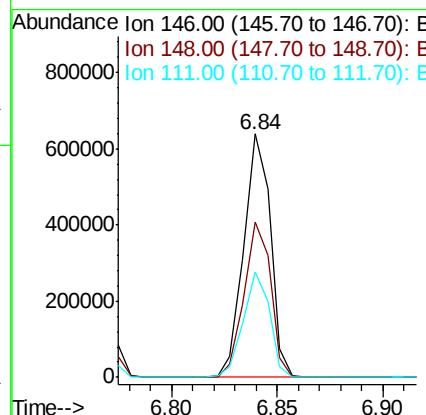
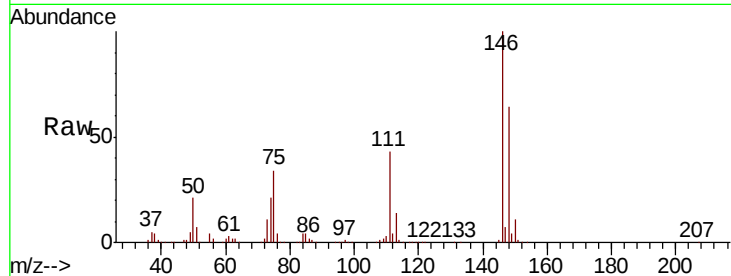
#13
1,4-Dichlorobenzene
Concen: 36.863 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
111	43.5	33.4	50.0

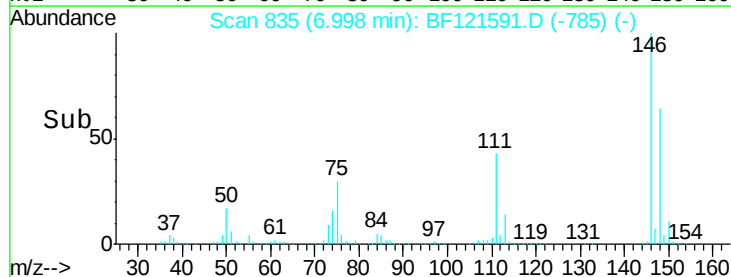
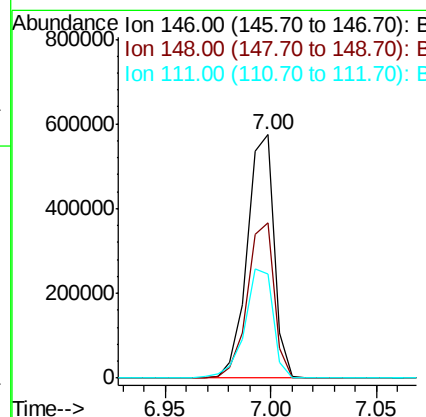
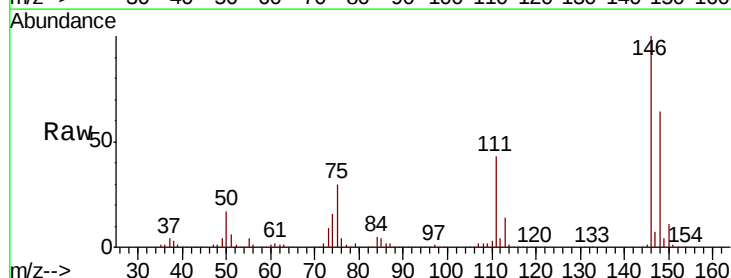
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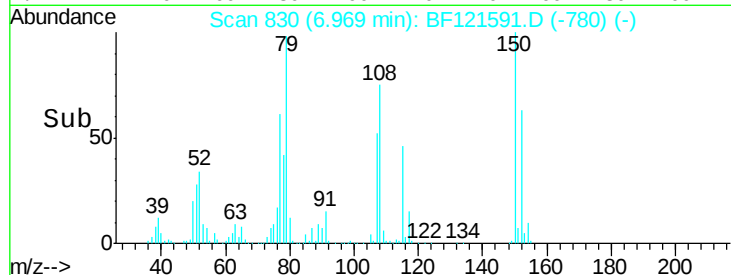
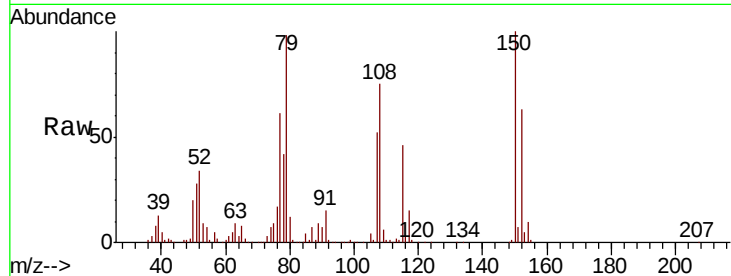
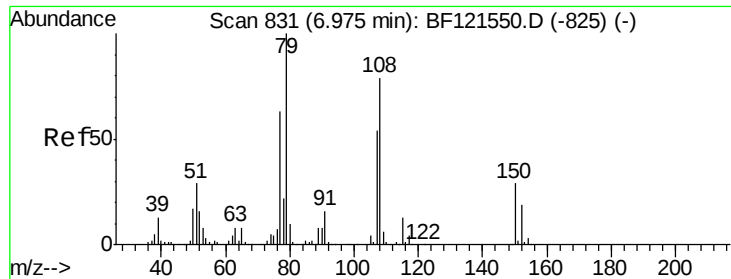
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#14
1,2-Dichlorobenzene
Concen: 36.301 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	42.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.383 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tot Ion:	79	Resp:	454374
Ion Ratio	Lower	Upper	
79	100		
108	76.1	63.1	94.7
77	62.2	50.2	75.2

Instrument :

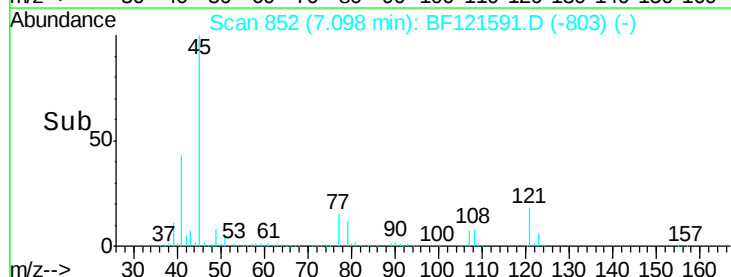
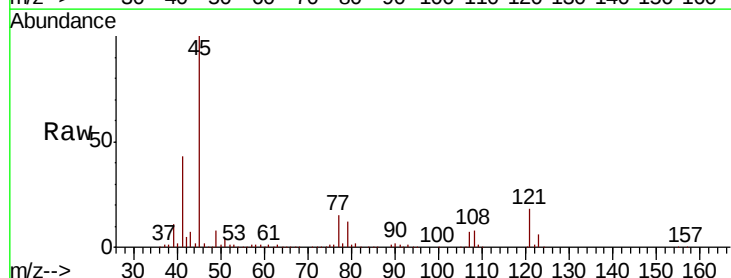
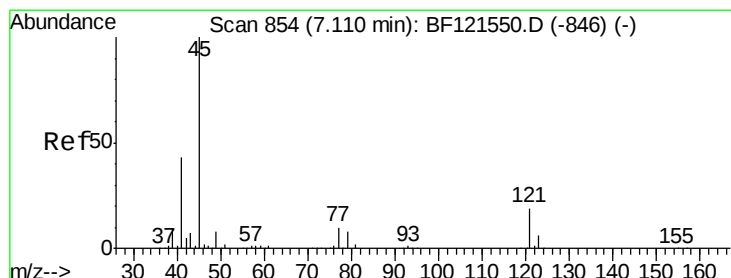
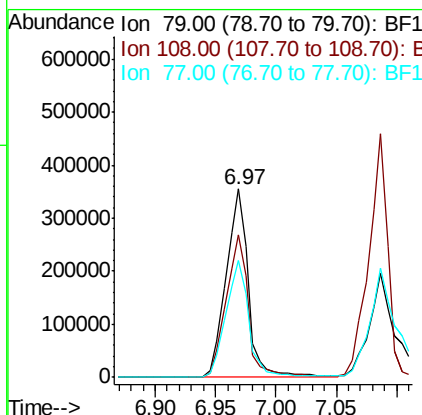
BNA_F

ClientSampleId :

PB131616BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.370 ng

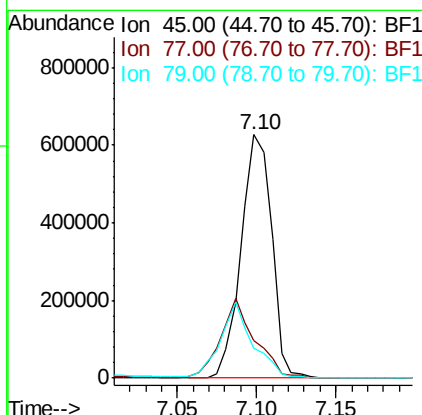
RT: 7.10 min Scan# 852

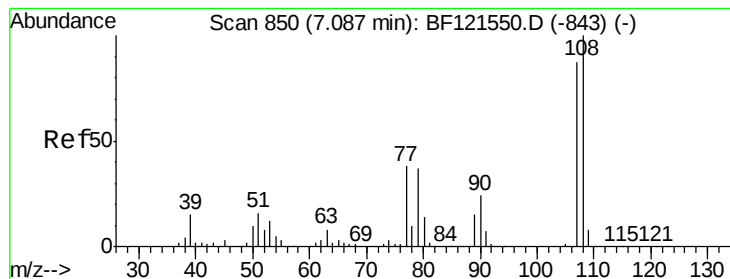
Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion:	45	Resp:	840582
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.5
79	12.4	0.0	29.8





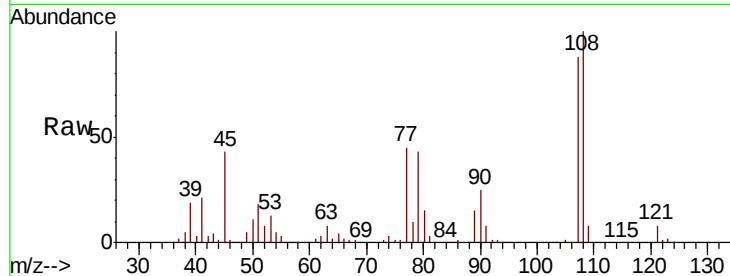
#17
2-Methylphenol
Concen: 38.485 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:	107	Resp:	442596
Ion Ratio	Lower	Upper	
107	100		
108	113.2	92.1	138.1
77	50.9	35.5	53.3
79	48.2	34.5	51.7

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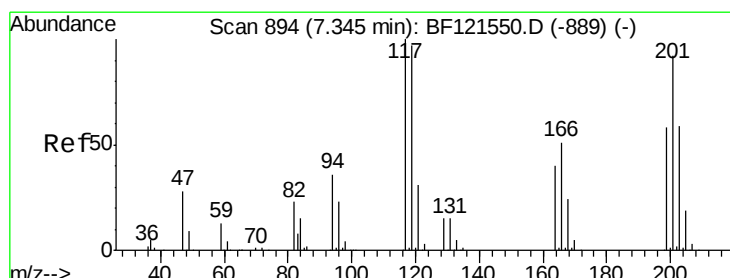
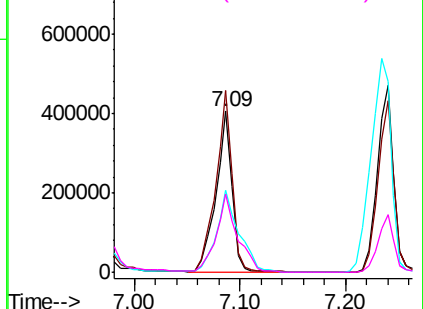
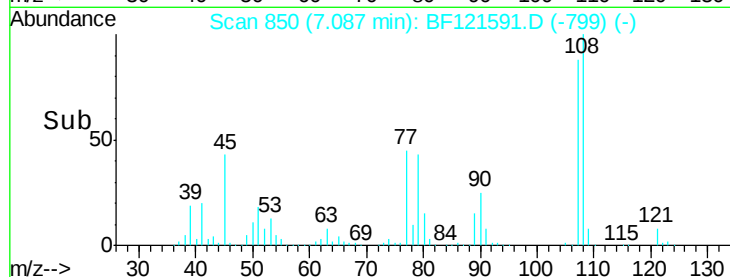
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

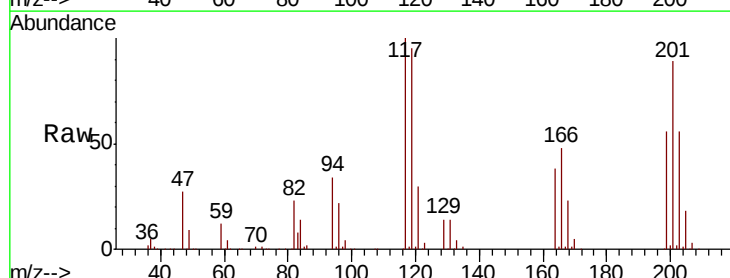
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.672 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:	117	Resp:	209753
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.2	115.8
201	89.4	73.7	110.5

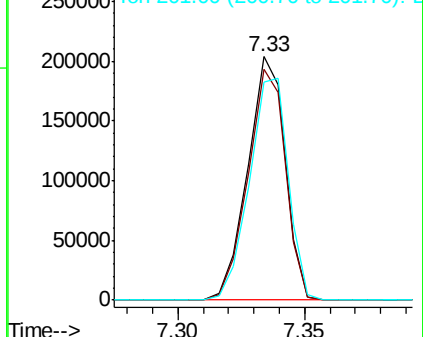
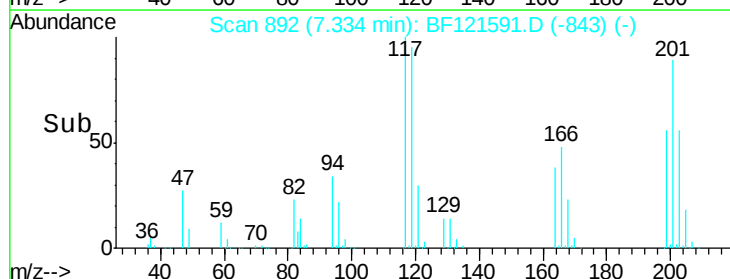


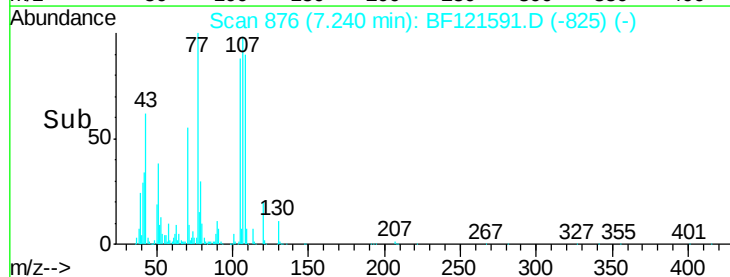
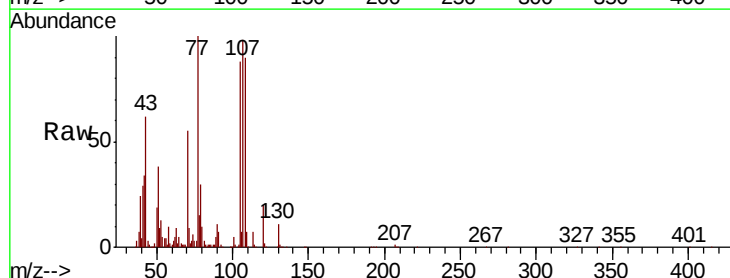
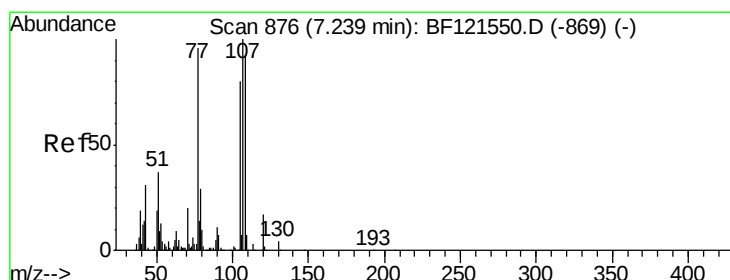
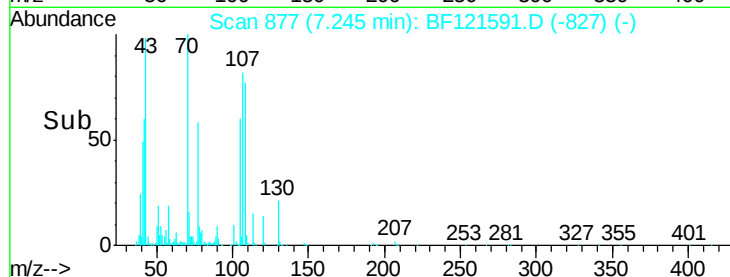
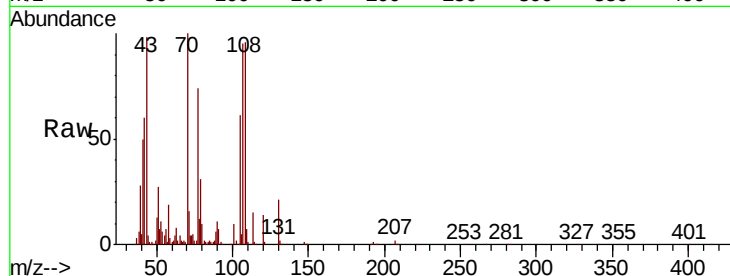
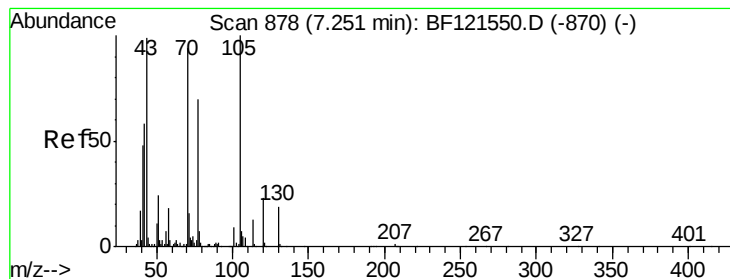
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.943 ng

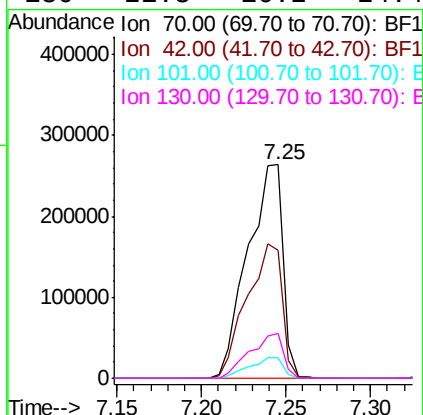
RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	49.4	74.2	
101	9.8	7.6	11.4	
130	21.3	16.2	24.4	



Instrument :

BNA_F

ClientSampleId :

PB131616BS

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#20

3+4-Methylphenols

Concen: 37.406 ng

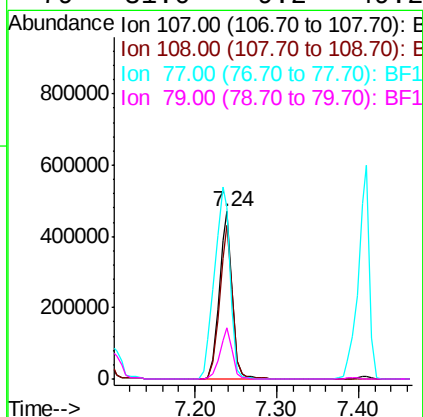
RT: 7.24 min Scan# 876

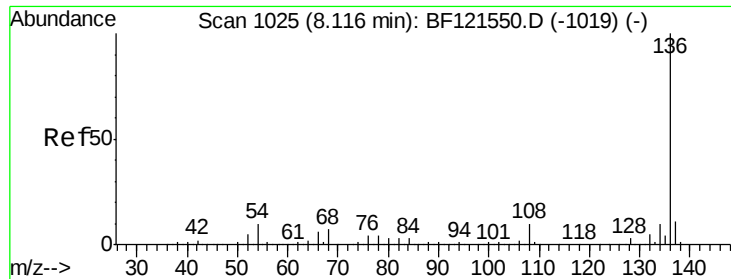
Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.1	71.8	111.8	
77	102.4	75.5	115.5	
79	31.0	9.2	49.2	





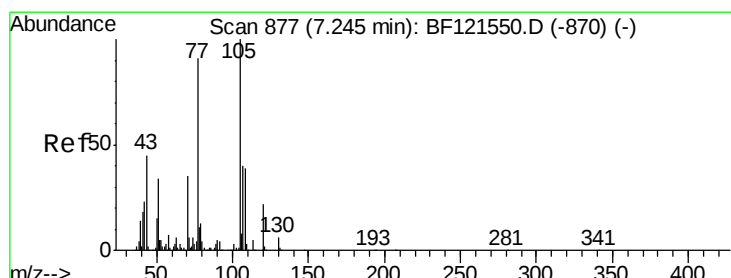
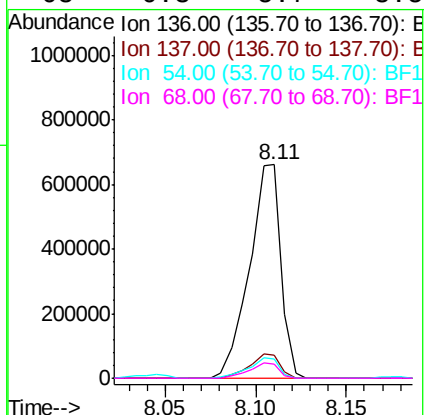
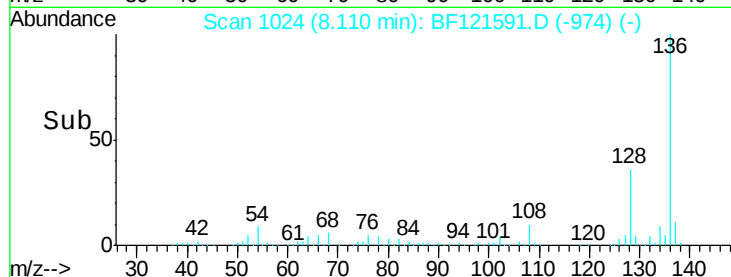
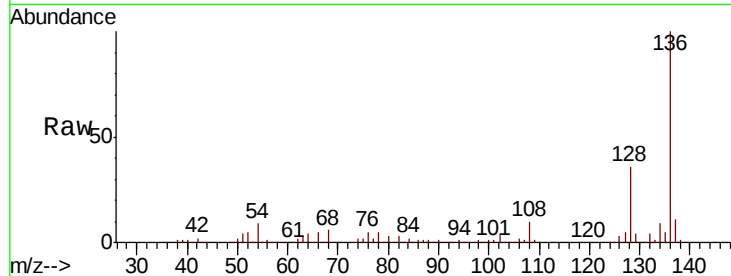
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	797108		
137	11.0	9.0	13.6	
54	8.8	7.6	11.4	
68	6.3	5.7	8.5	

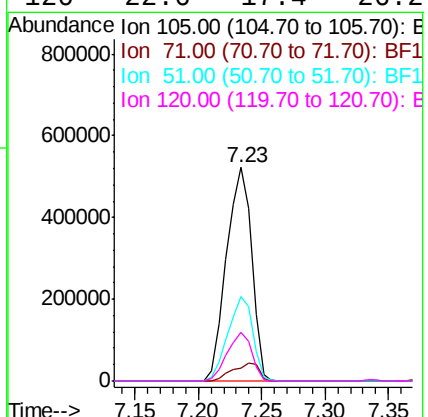
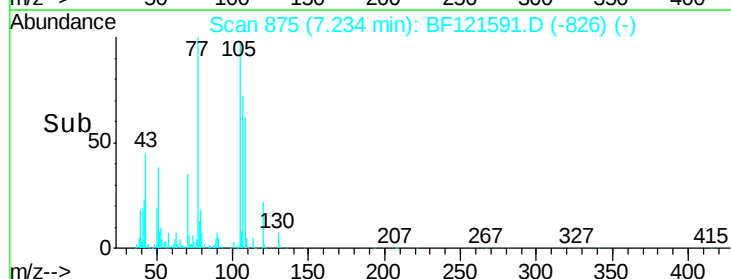
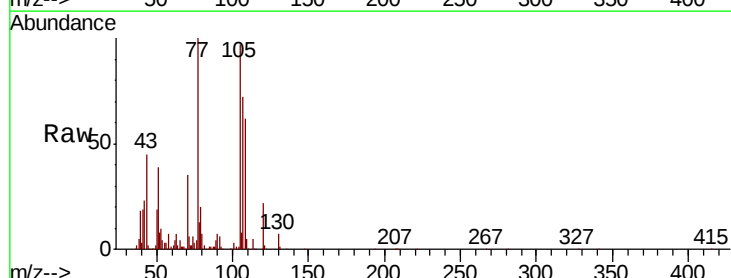
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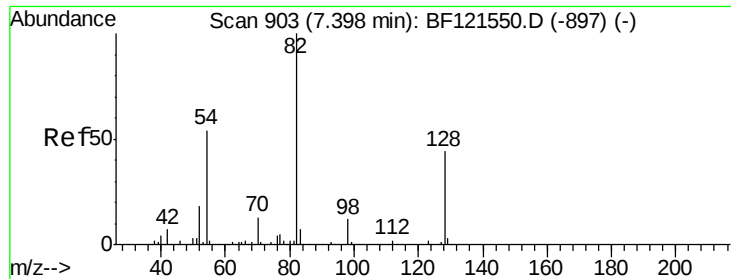
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#22
Acetophenone
Concen: 35.345 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	714812		
71	5.9	4.6	7.0	
51	39.8	27.6	41.4	
120	22.6	17.4	26.2	





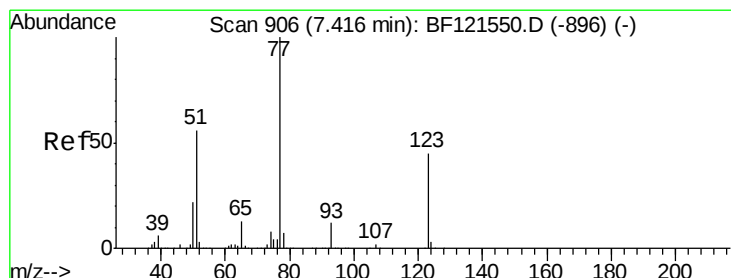
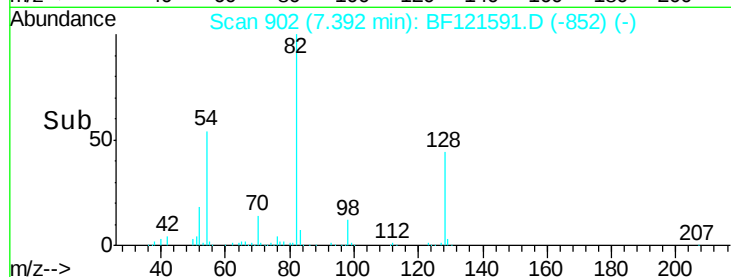
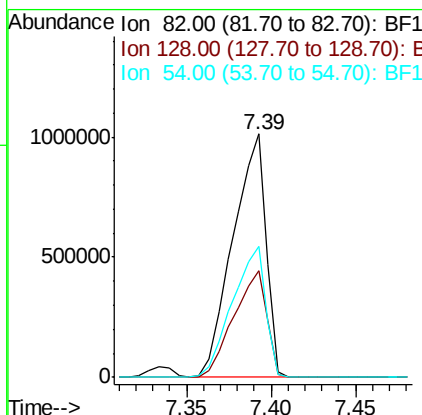
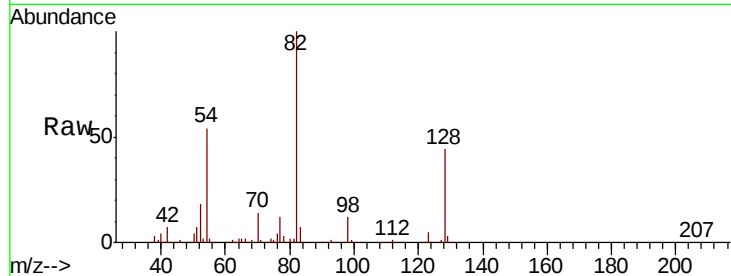
#23
 Nitrobenzene-d5
 Concen: 93.527 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.1	52.7
54	53.9	43.0	64.6

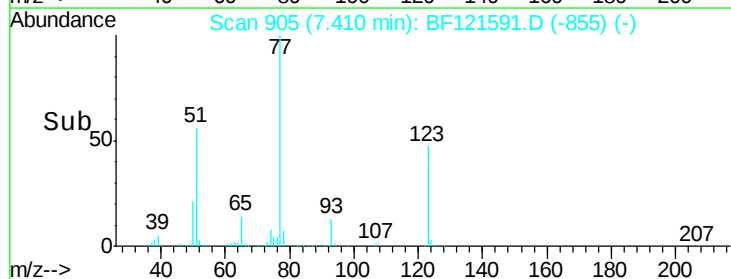
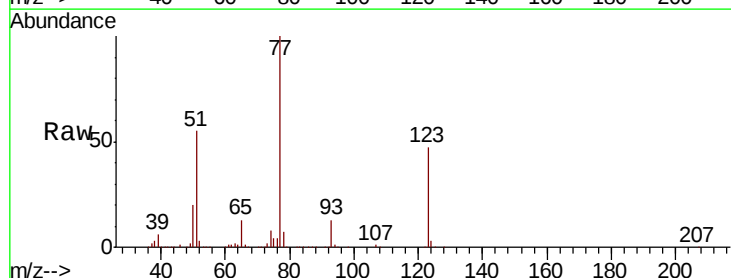
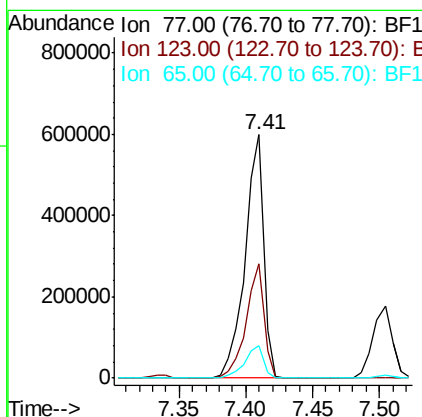
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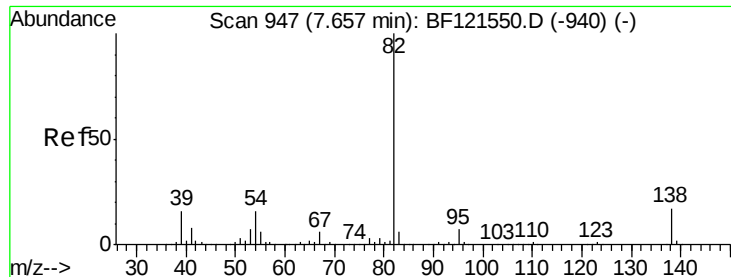
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#24
 Nitrobenzene
 Concen: 35.833 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.8	53.8
65	13.4	10.7	16.1





#25

Isophorone

Concen: 35.840 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion: 82 Resp: 1071093

Ion Ratio Lower Upper

82 100

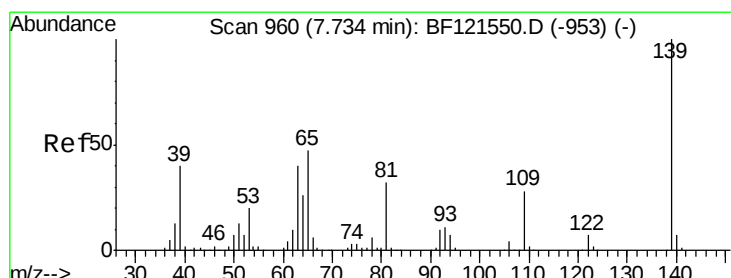
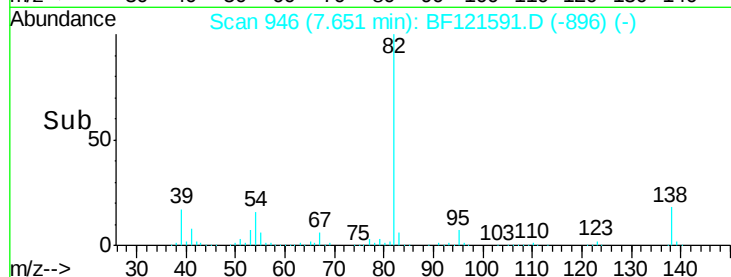
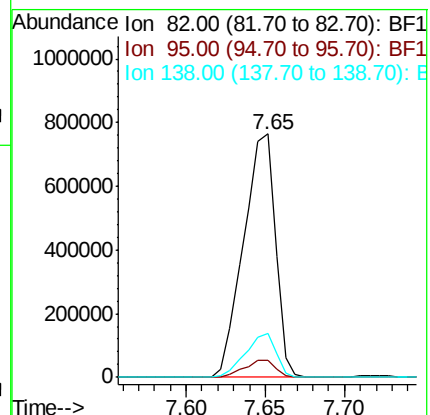
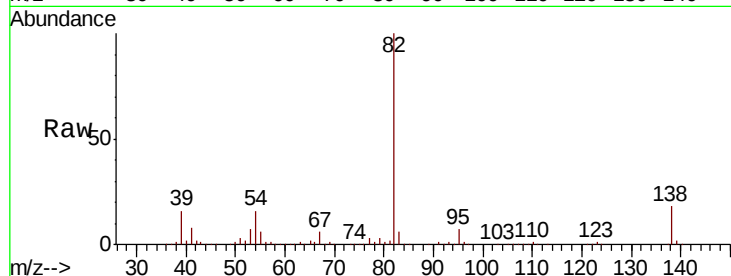
95 7.1 5.3 7.9

138 18.0 13.7 20.5

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#26

2-Nitrophenol

Concen: 37.607 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

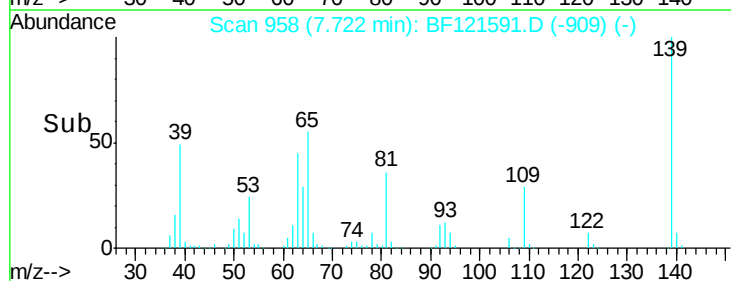
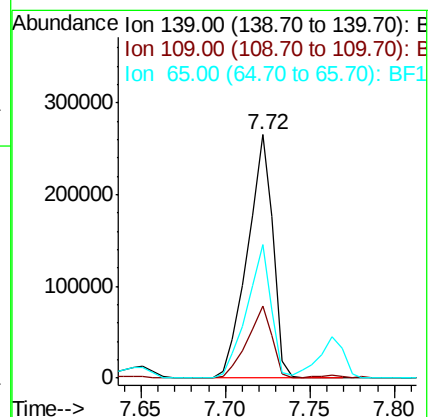
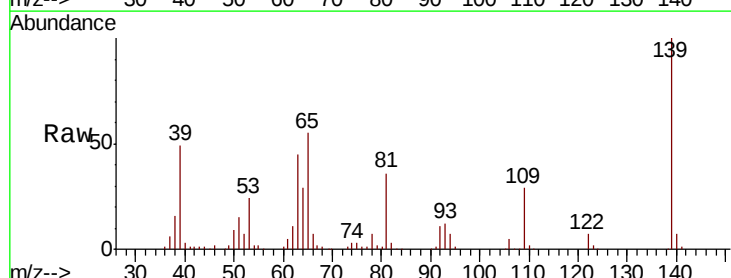
Tgt Ion: 139 Resp: 279849

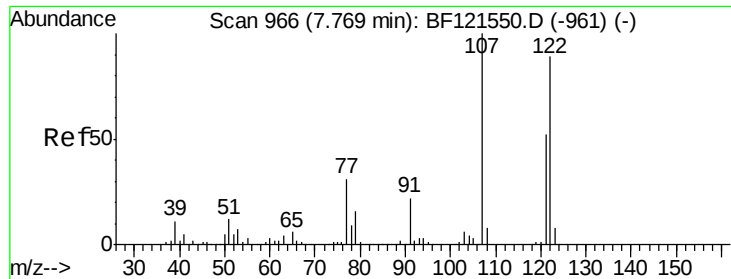
Ion Ratio Lower Upper

139 100

109 29.5 22.4 33.6

65 54.7 37.6 56.4





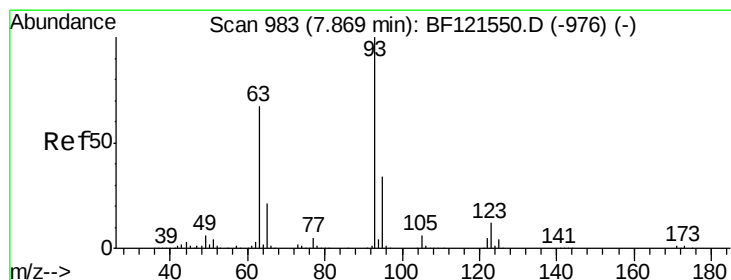
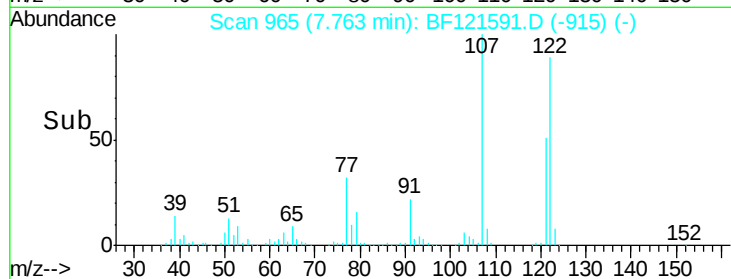
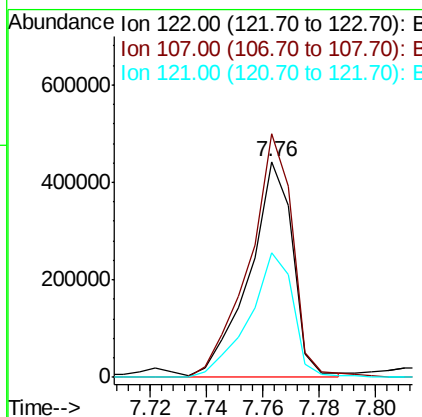
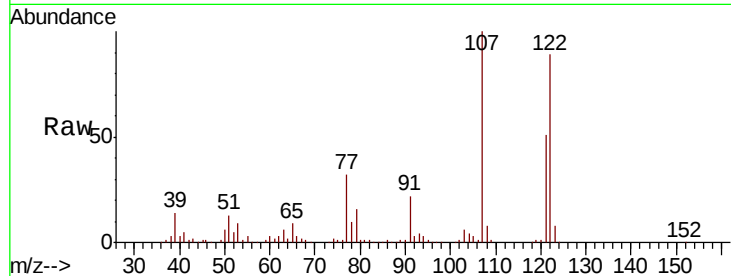
#27
2,4-Dimethylphenol
Concen: 35.528 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.5	134.3
121	57.7	46.6	70.0

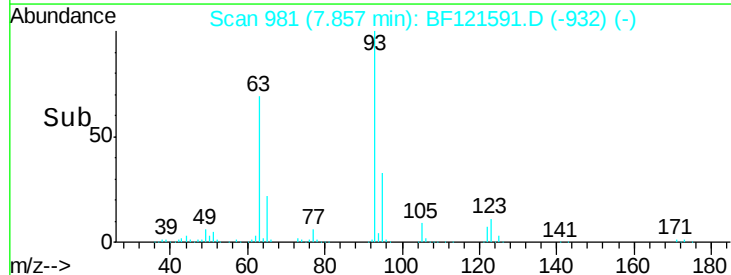
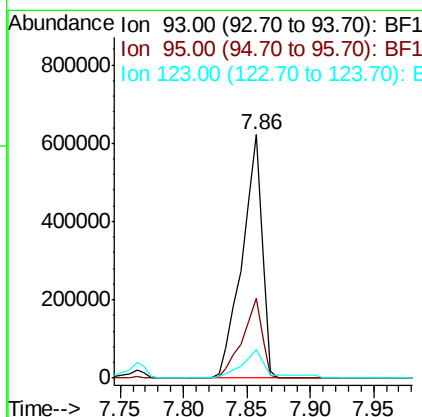
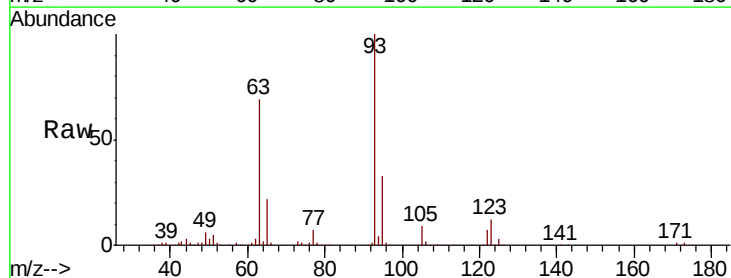
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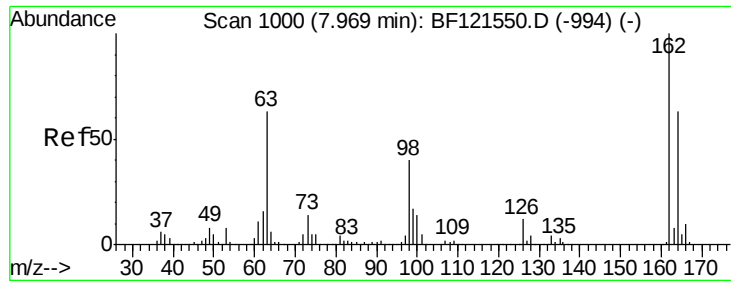
mohammad
9/18/2020 11:28:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 36.602 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	11.5	9.7	14.5





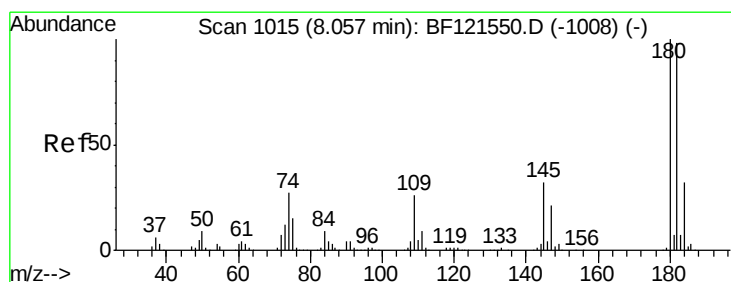
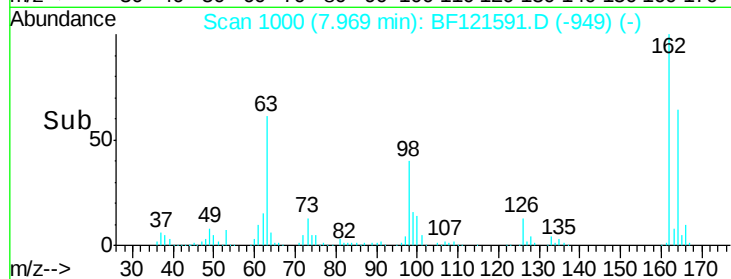
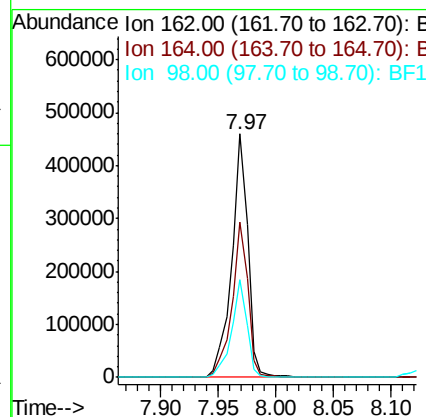
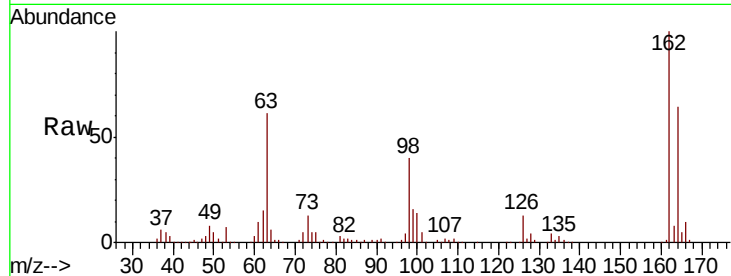
#29
 2,4-Dichlorophenol
 Concen: 36.590 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	444573		
164	64.0	43.5	83.5	
98	40.0	20.2	60.2	

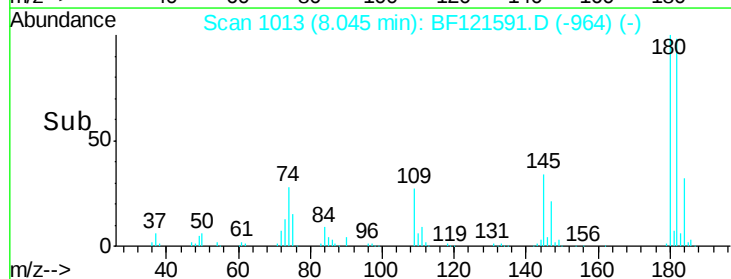
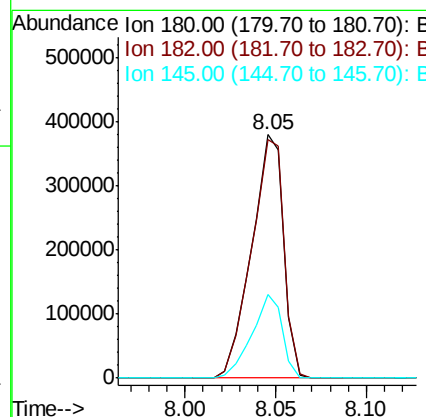
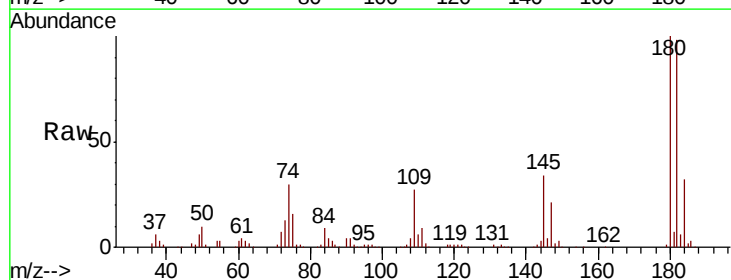
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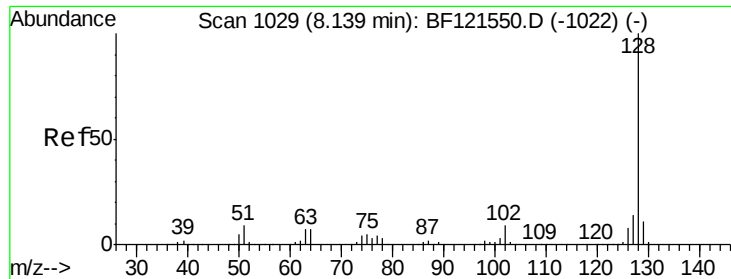
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.423 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	466089		
182	98.1	78.7	118.1	
145	34.2	26.0	39.0	





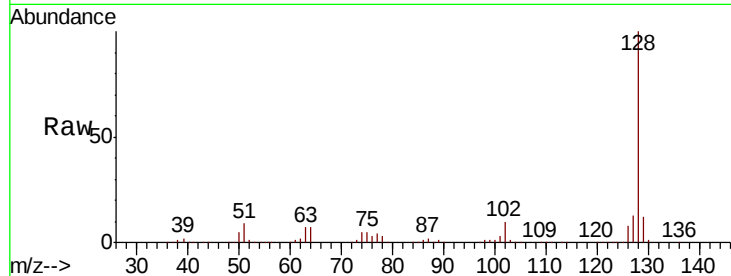
#31
Naphthalene
Concen: 36.006 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

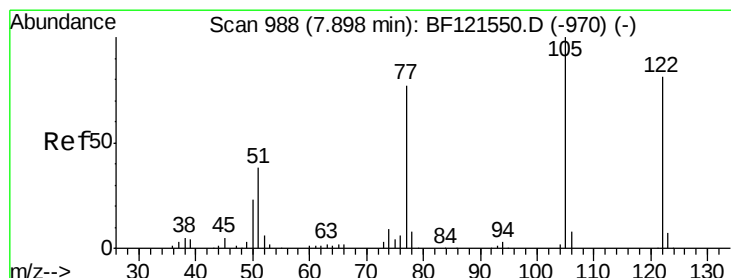
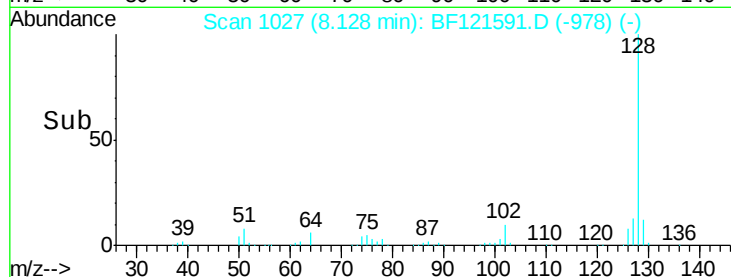
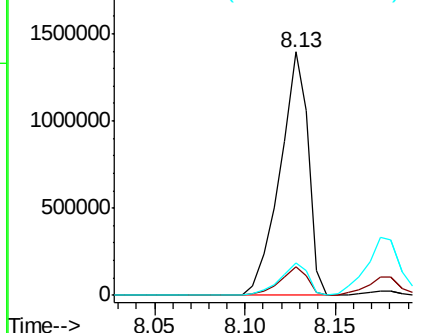
Tot Ion:128 Resp: 1515084
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.6

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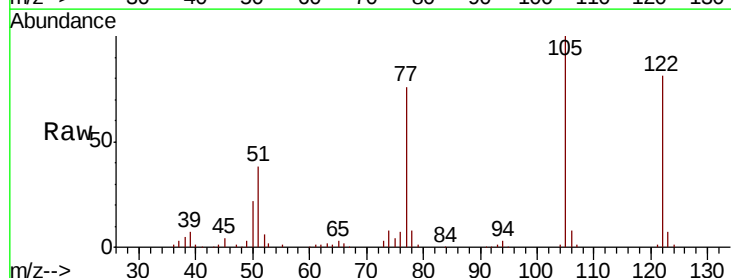


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

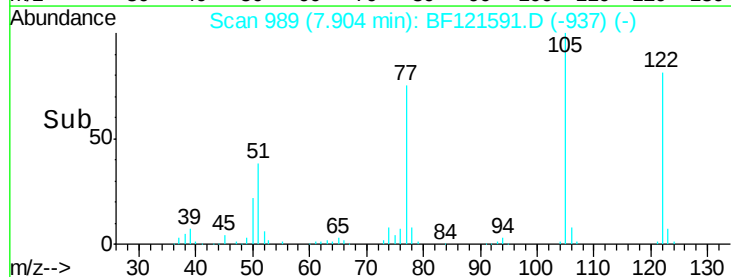
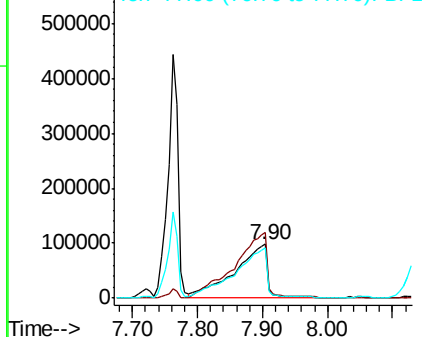


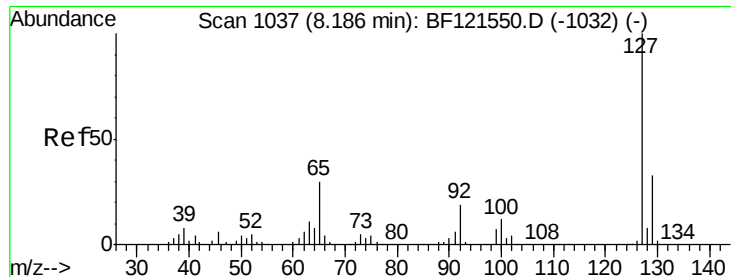
#32
Benzoic acid
Concen: 36.045 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:122 Resp: 338657
Ion Ratio Lower Upper
122 100
105 123.3 100.5 140.5
77 93.1 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





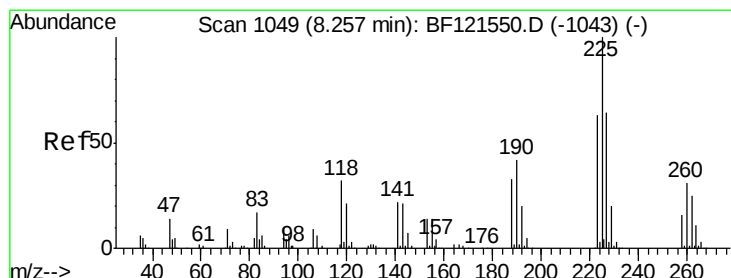
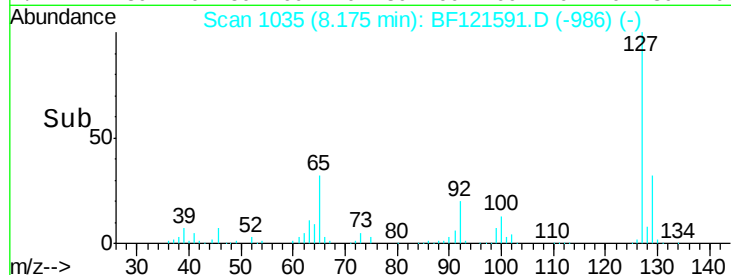
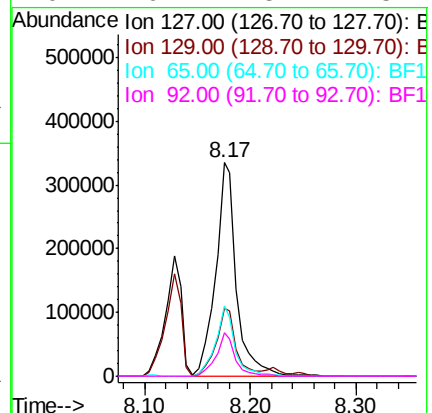
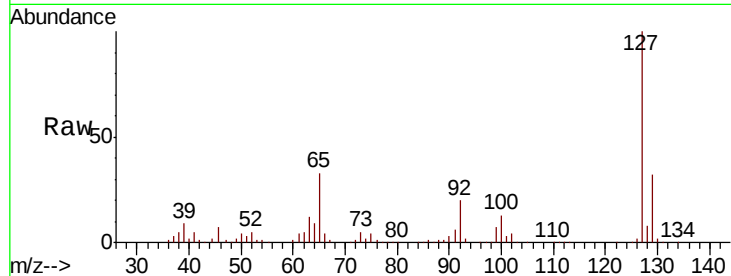
#33
4-Chloroaniline
Concen: 25.256 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.4	39.6		
65	32.9	24.4	36.6		
92	20.4	15.4	23.2		

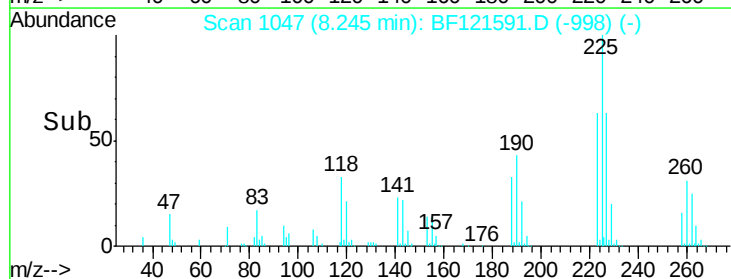
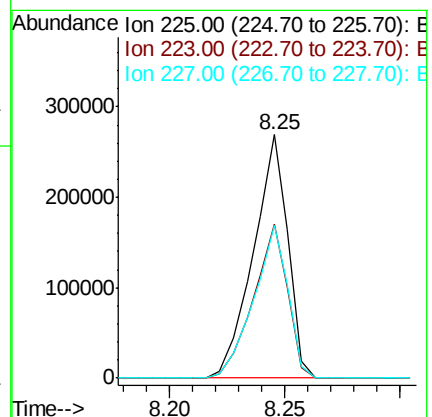
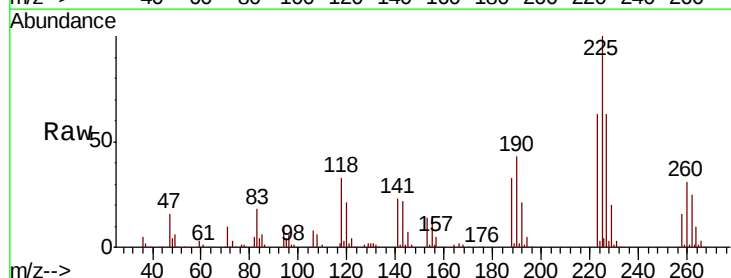
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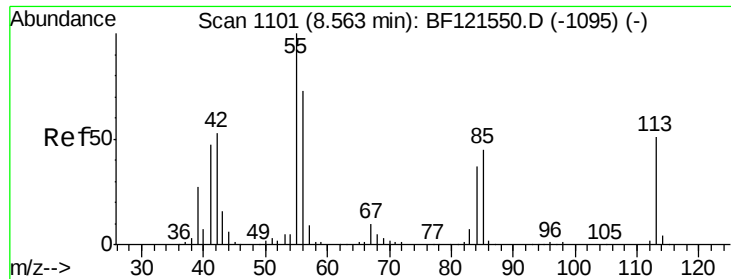
mohammad
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#34
Hexachlorobutadiene
Concen: 37.163 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.2	75.2		
227	62.8	51.0	76.4		





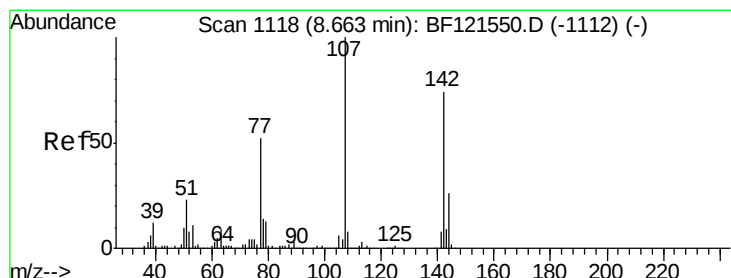
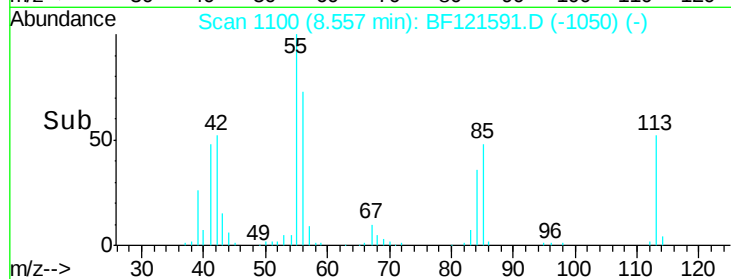
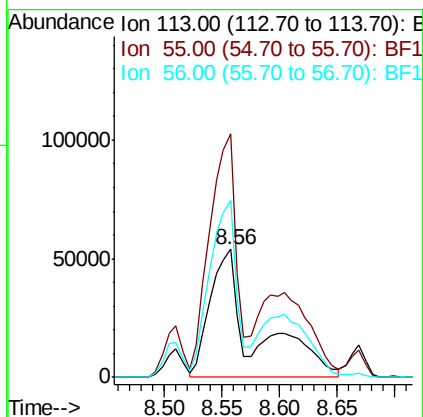
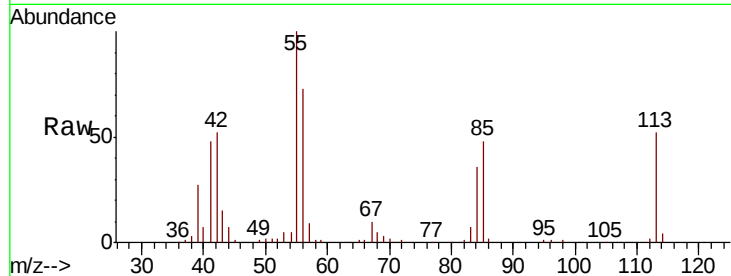
#35
 Caprolactam
 Concen: 35.760 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.5	176.2	216.2
56	138.4	123.9	163.9

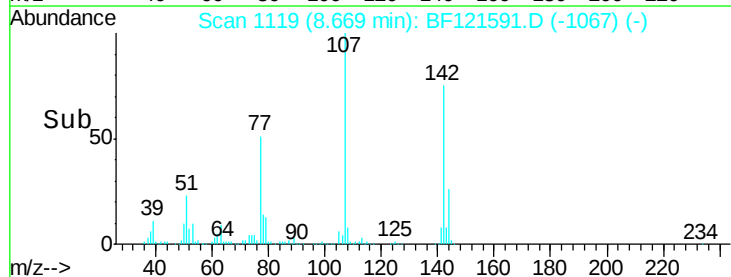
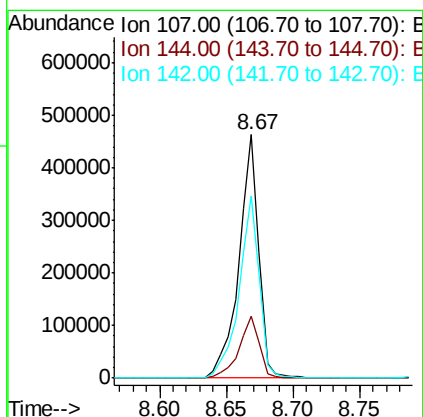
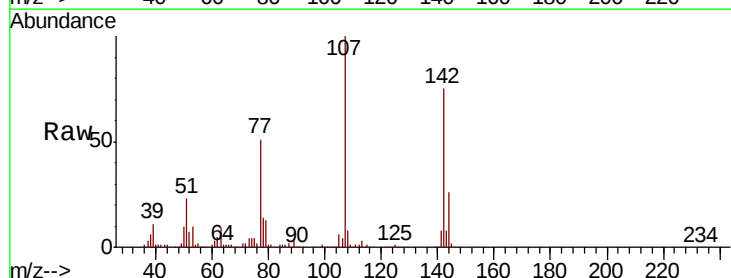
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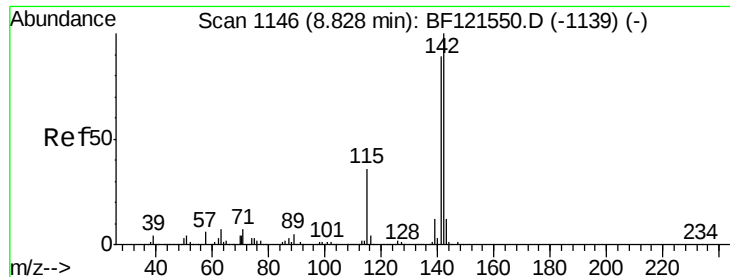
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.732 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	74.7	59.5	89.3





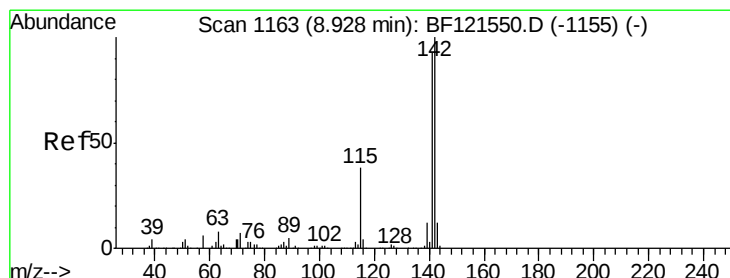
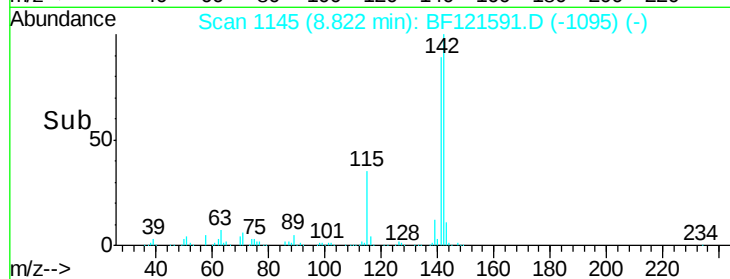
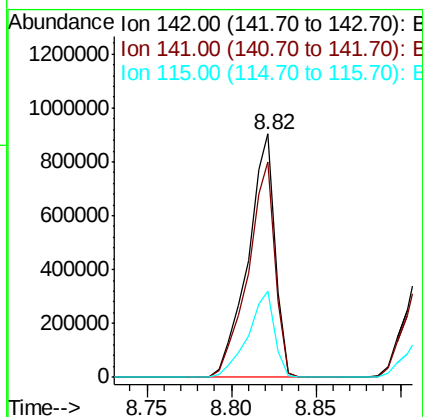
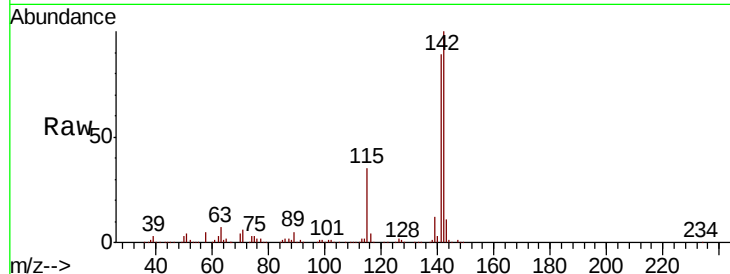
#37
2-Methylnaphthalene
Concen: 36.775 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:142 Resp: 1014089
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3
115 35.1 28.7 43.1

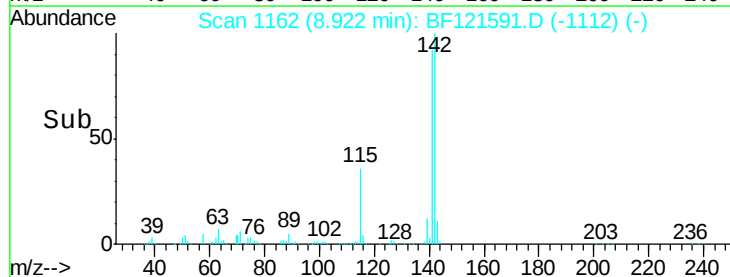
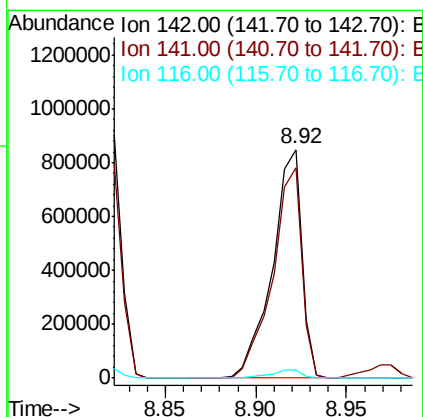
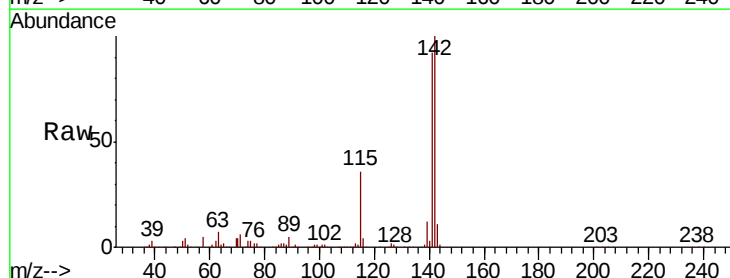
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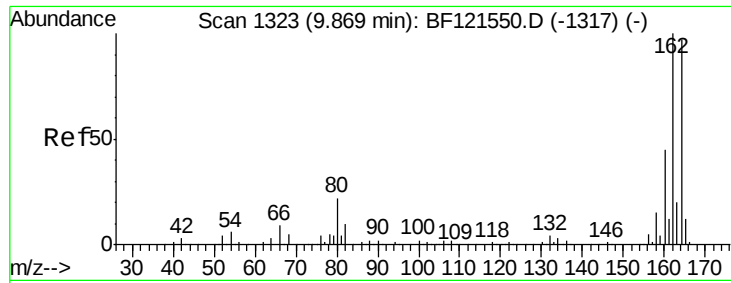
mohammad
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#38
1-Methylnaphthalene
Concen: 37.413 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:142 Resp: 960151
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
116 3.6 3.0 4.6





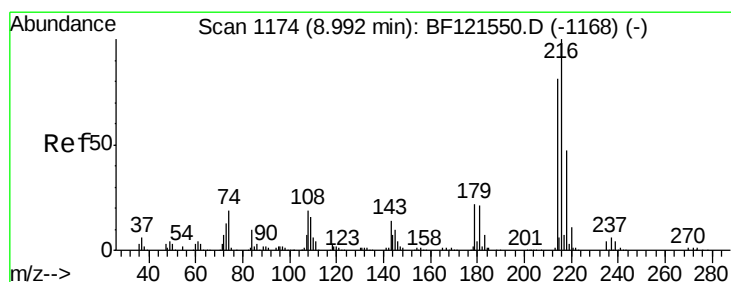
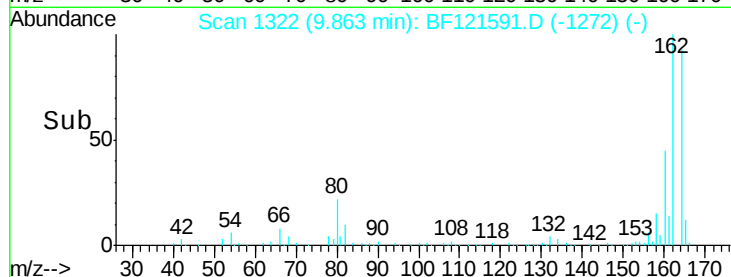
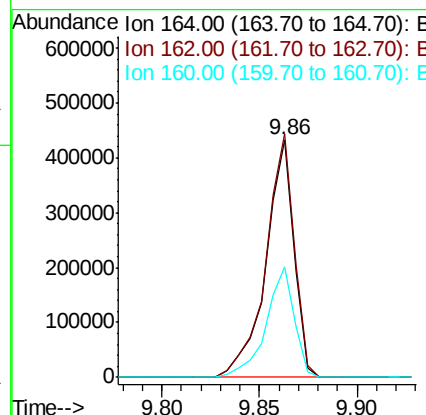
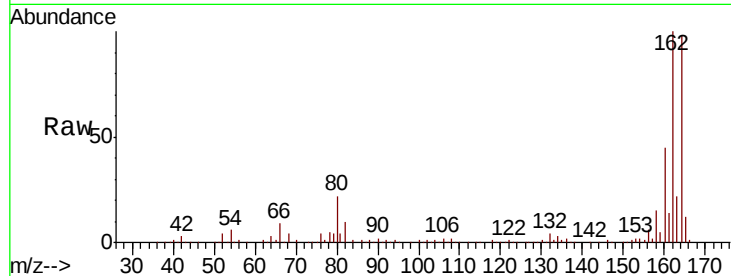
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	82.3	123.5	
160	46.4	37.0	55.4	

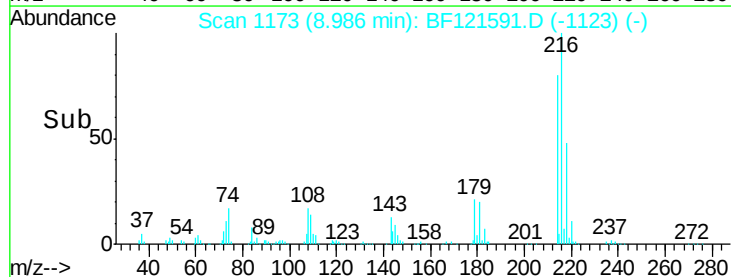
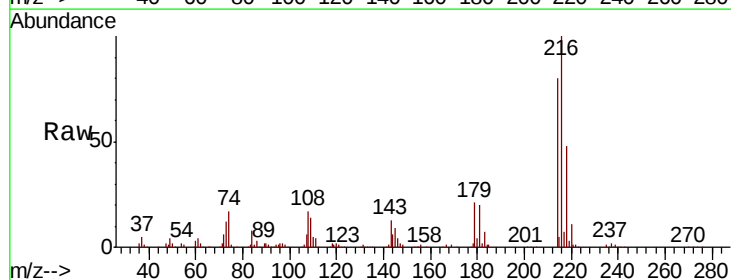
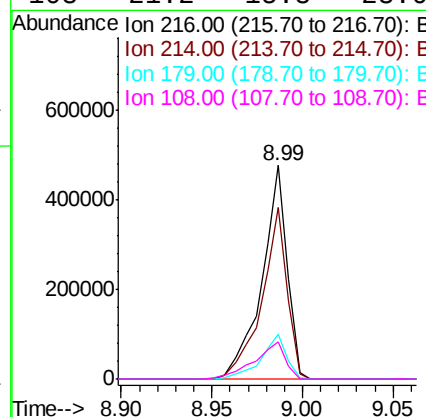
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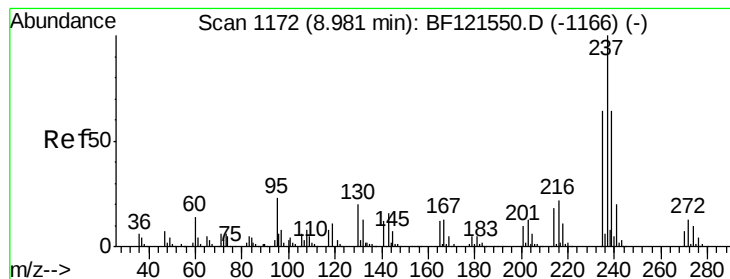
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.256 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.8	
179	20.8	16.6	25.0	
108	21.2	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 66.892 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

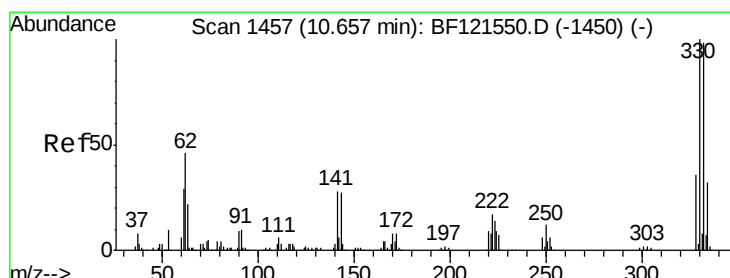
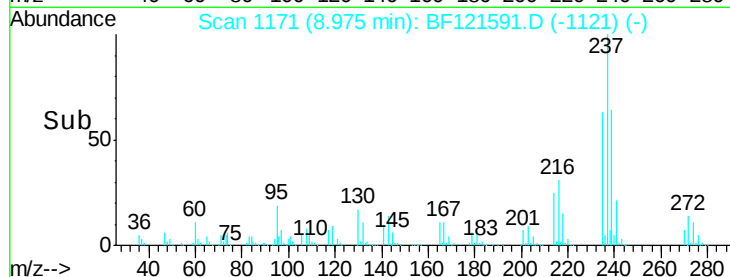
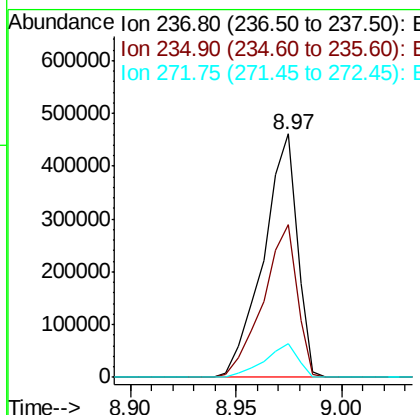
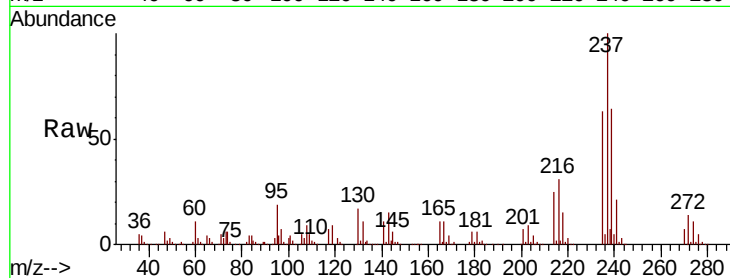
ClientSampleId :

PB131616BS

Tot Ion:	237	Resp:	515638
Ion Ratio	Lower	Upper	
237	100		
235	62.9	44.0	84.0
272	14.0	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 97.001 ng

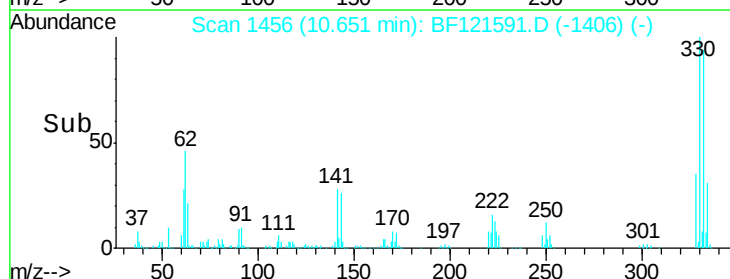
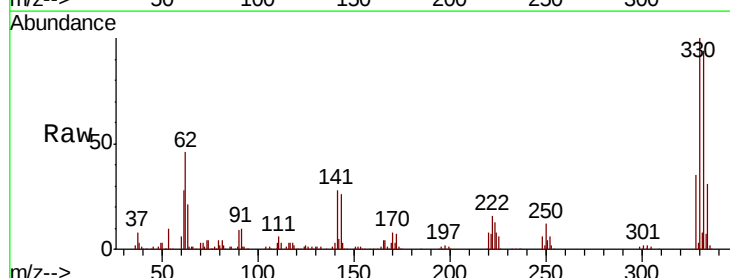
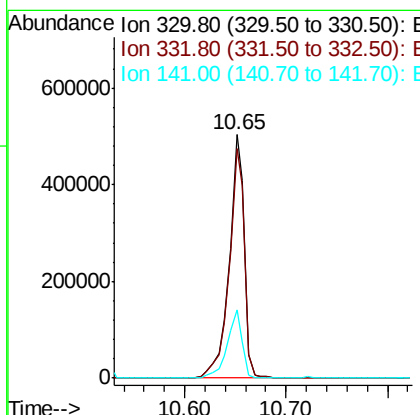
RT: 10.65 min Scan# 1456

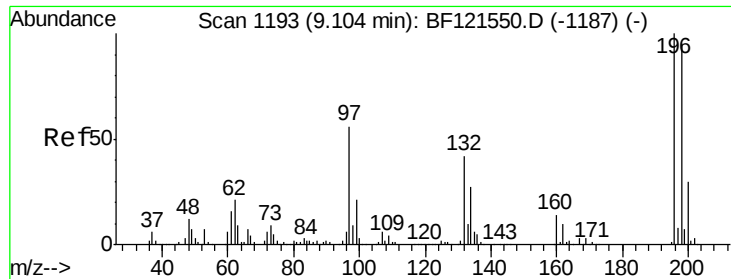
Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion:	330	Resp:	520971
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	28.1	23.6	35.4





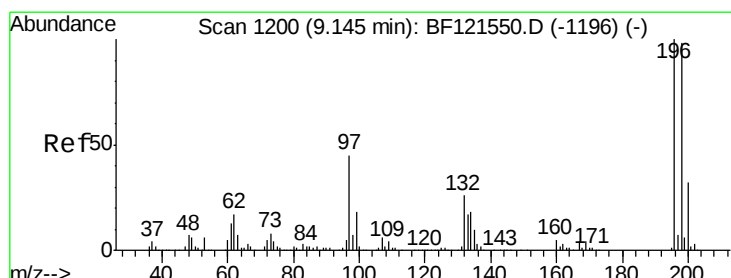
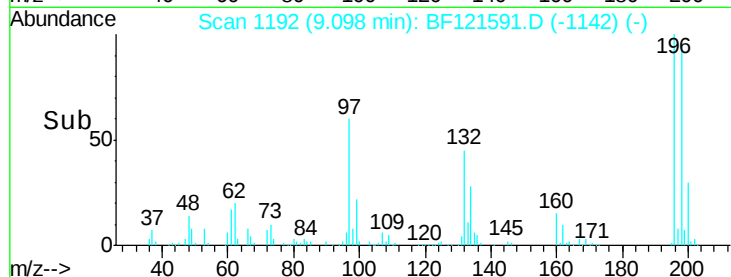
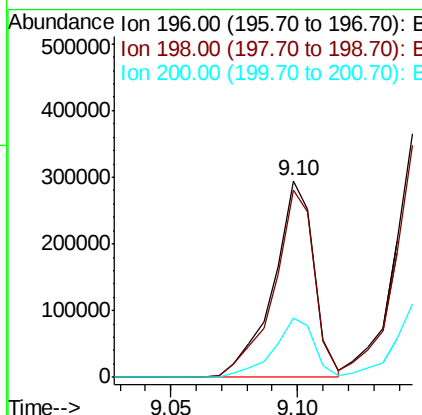
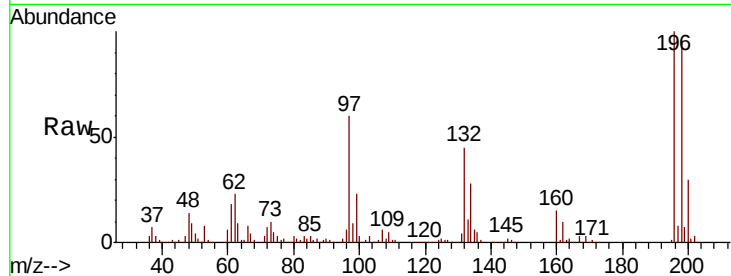
#43
 2,4,6-Trichlorophenol
 Concen: 35.856 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion:	196	Resp:	329896
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.6	113.4
200	30.4	24.0	36.0

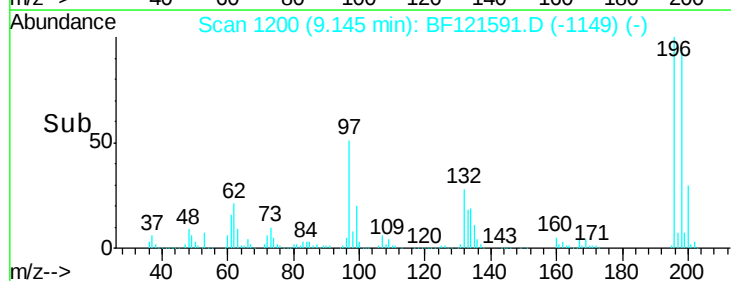
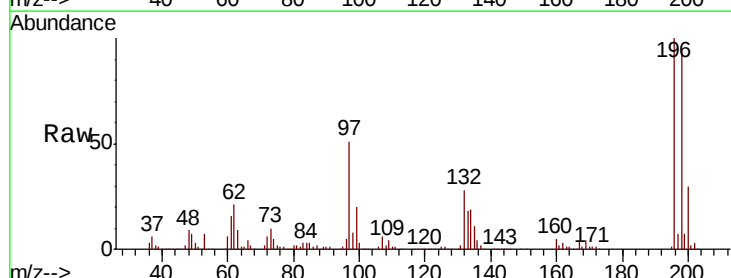
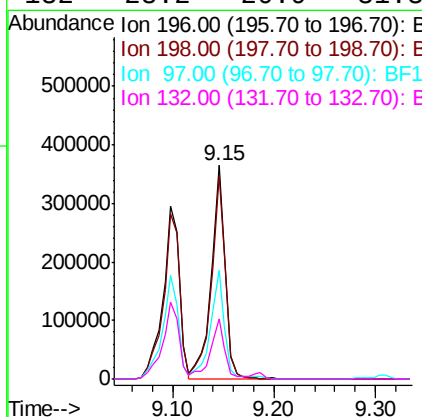
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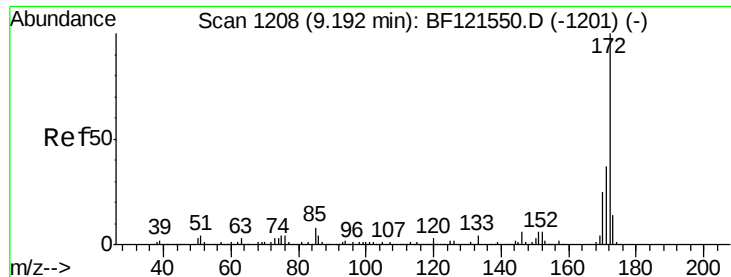
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#44
 2,4,5-Trichlorophenol
 Concen: 36.066 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:	196	Resp:	350795
Ion Ratio	Lower	Upper	
196	100		
198	95.4	78.1	117.1
97	51.0	36.8	55.2
132	28.2	20.9	31.3





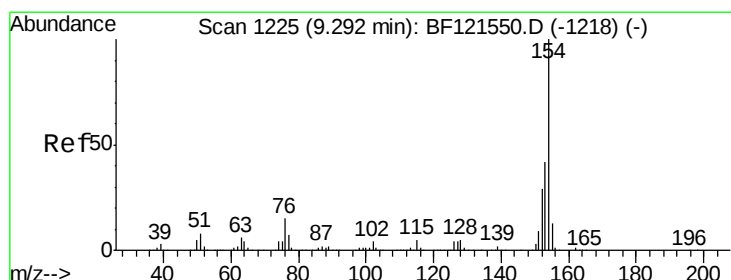
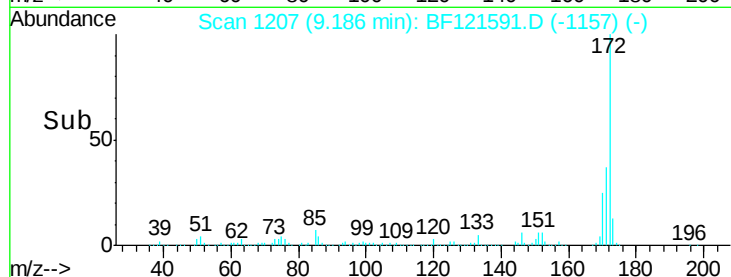
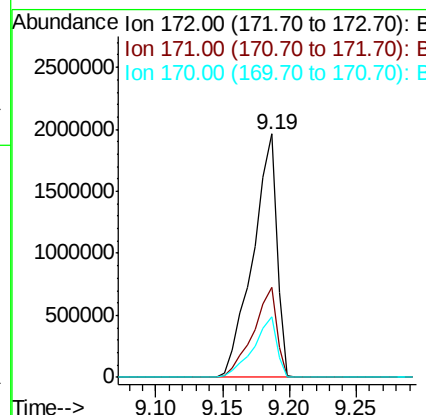
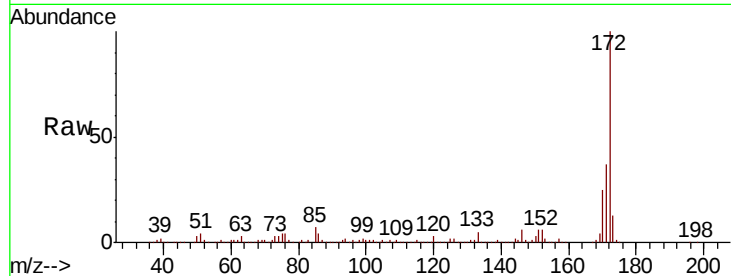
#45
2-Fluorobiphenyl
Concen: 84.680 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.8	19.8	29.8

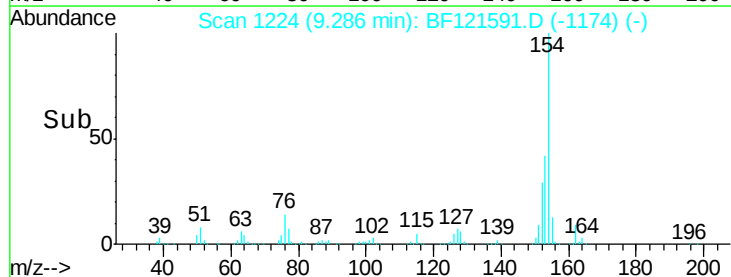
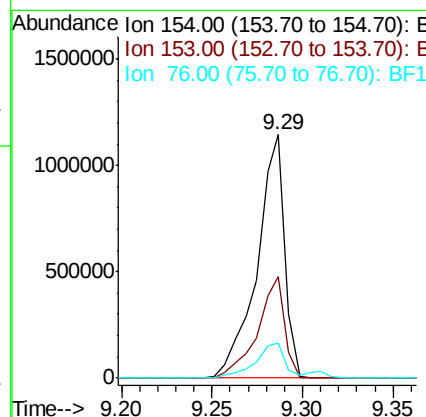
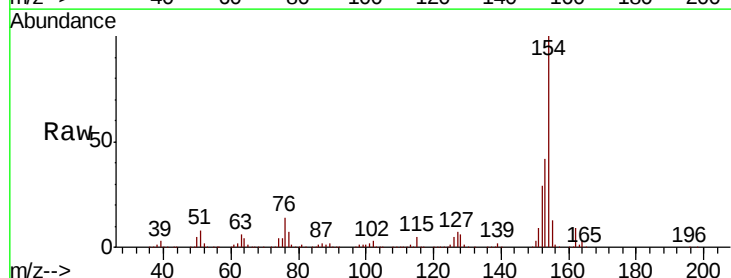
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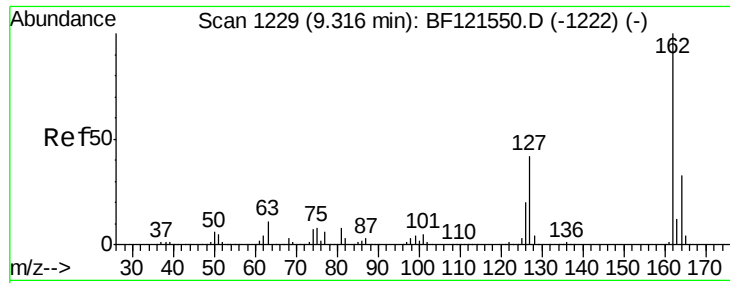
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#46
1,1'-Biphenyl
Concen: 35.040 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.7	61.7
76	14.2	0.0	35.5





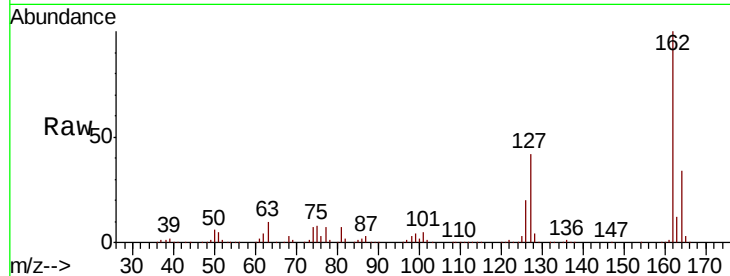
#47
2-Chloronaphthalene
Concen: 34.179 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

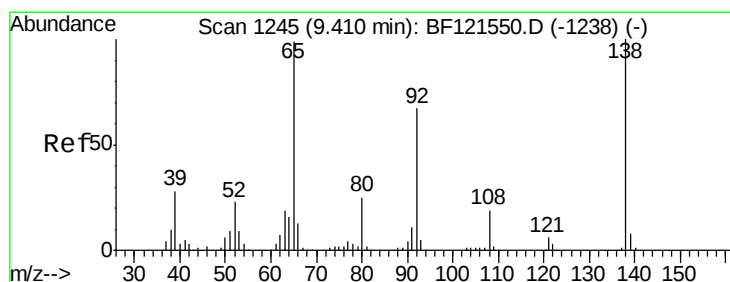
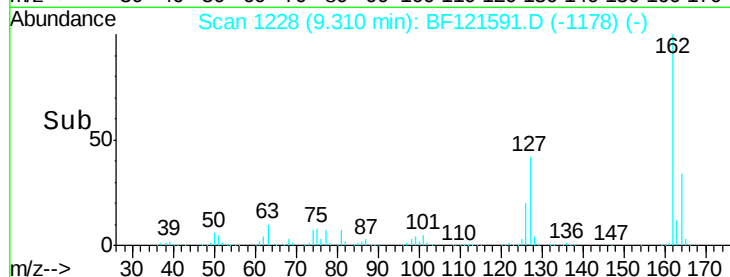
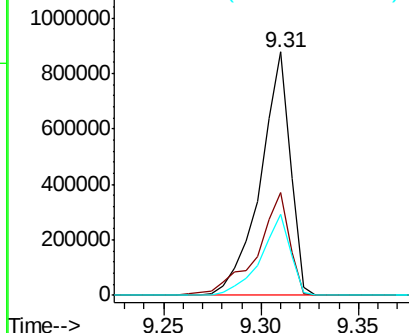
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.2	33.9	50.9		
164	33.5	26.7	40.1		

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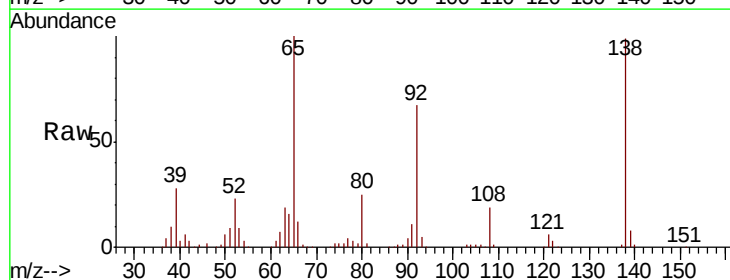


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

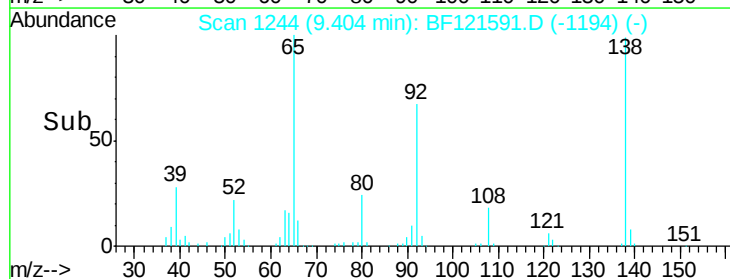
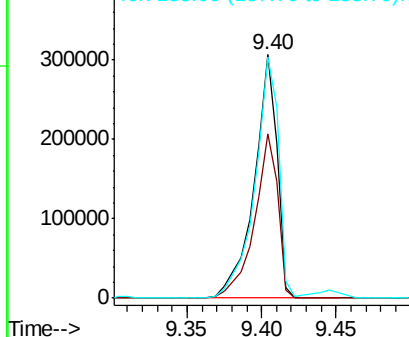


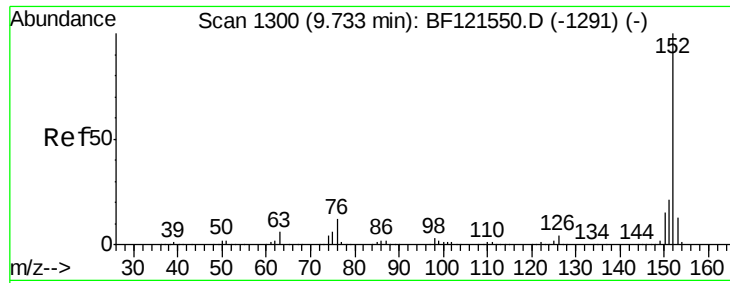
#48
2-Nitroaniline
Concen: 37.993 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.3	54.2	81.4		
138	98.8	80.8	121.2		



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.464 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion:152 Resp: 1485448

Ion Ratio Lower Upper

152 100

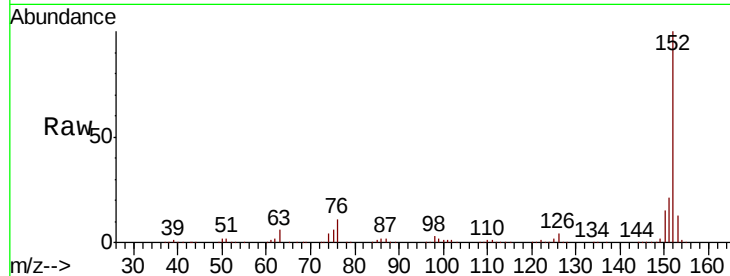
151 20.9 16.6 24.8

153 13.3 10.7 16.1

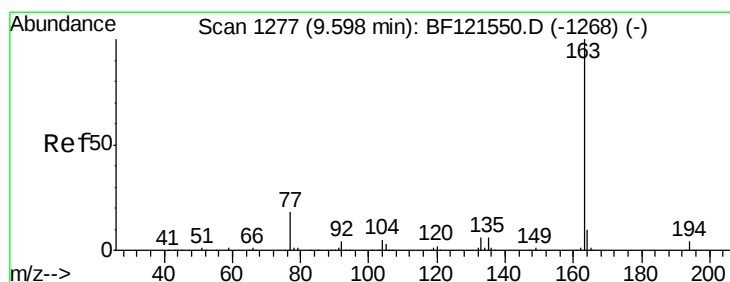
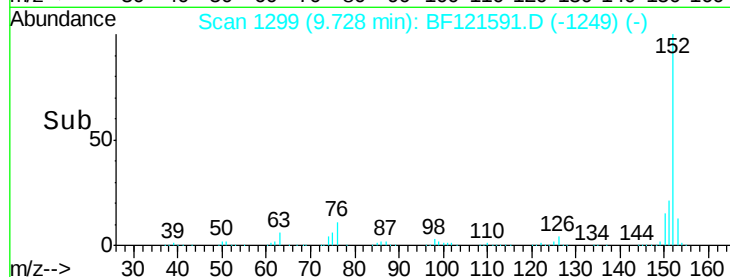
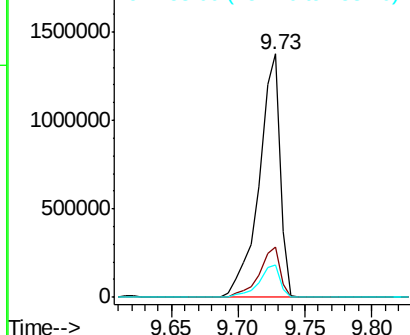
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.501 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

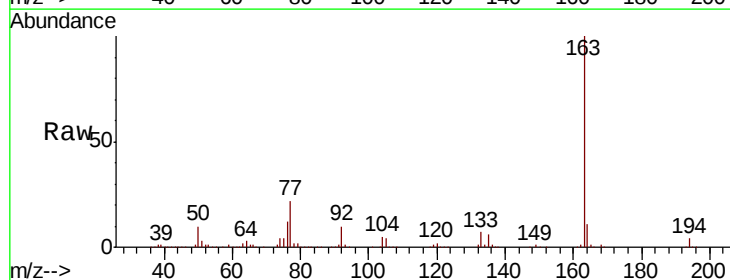
Tgt Ion:163 Resp: 1143211

Ion Ratio Lower Upper

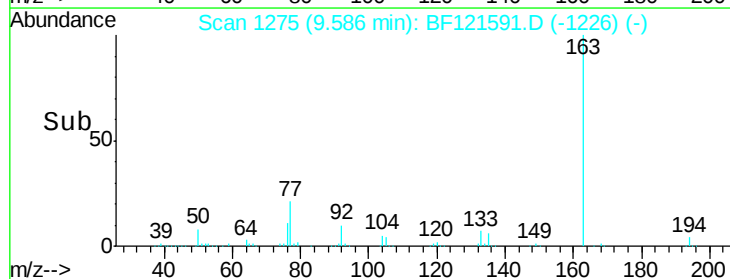
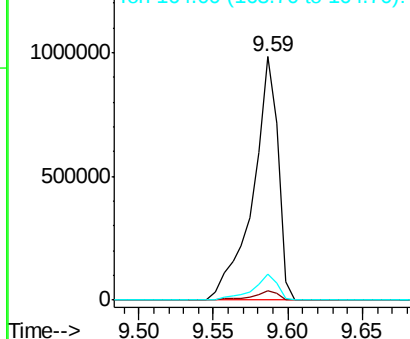
163 100

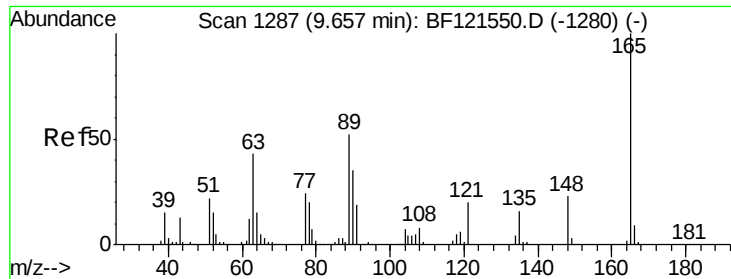
194 4.0 3.4 5.0

164 10.5 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





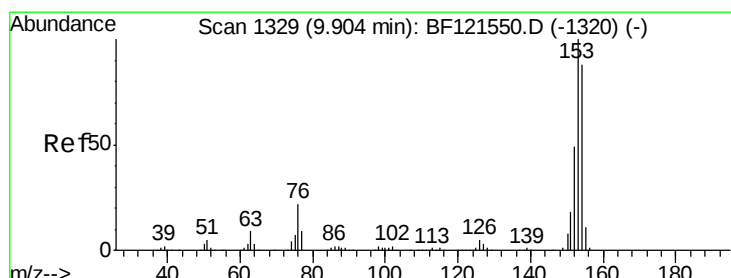
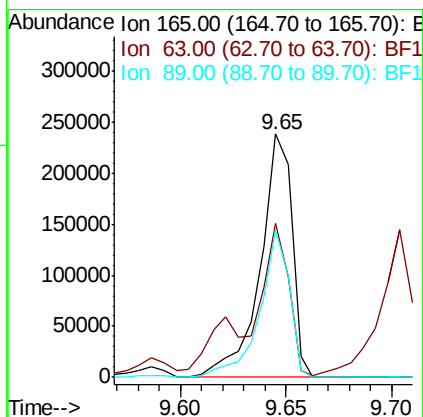
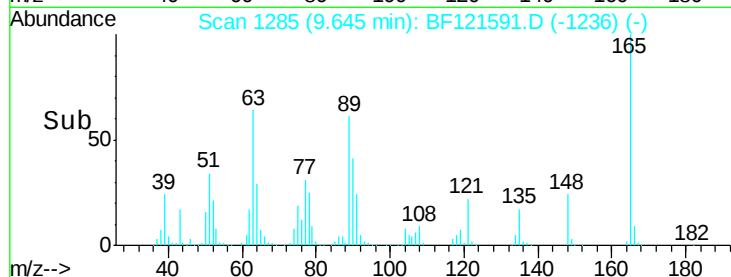
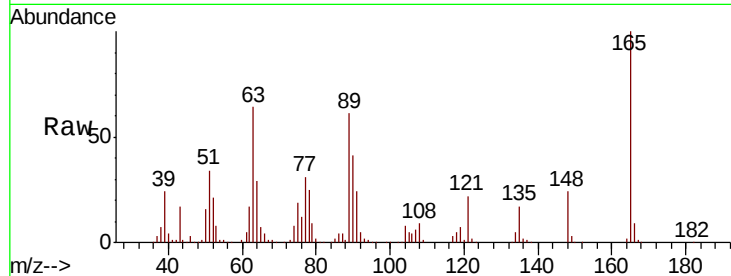
#51
 2,6-Dinitrotoluene
 Concen: 37.552 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250478		
63	63.5		40.6	61.0#
89	60.5		41.8	62.8

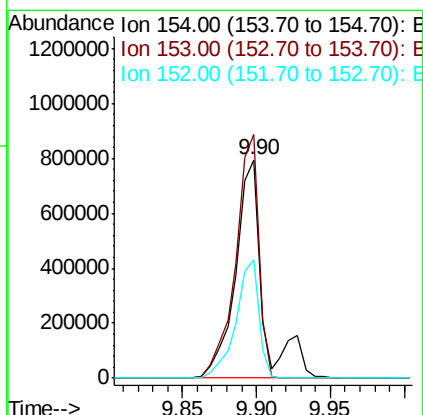
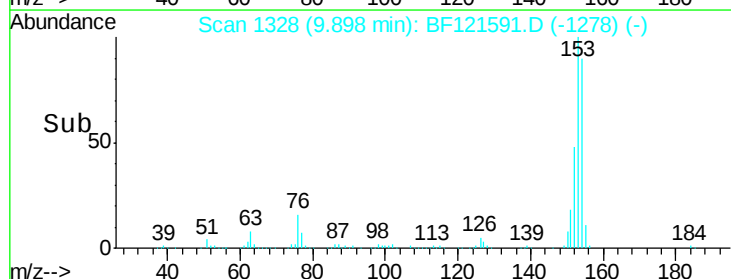
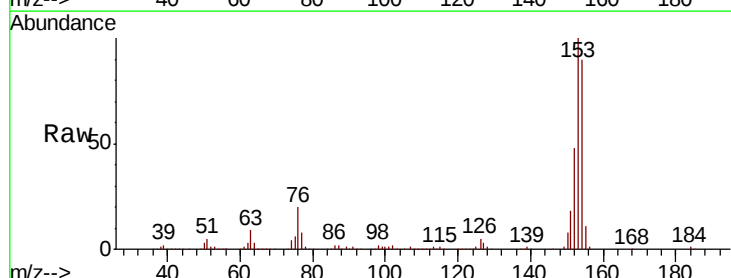
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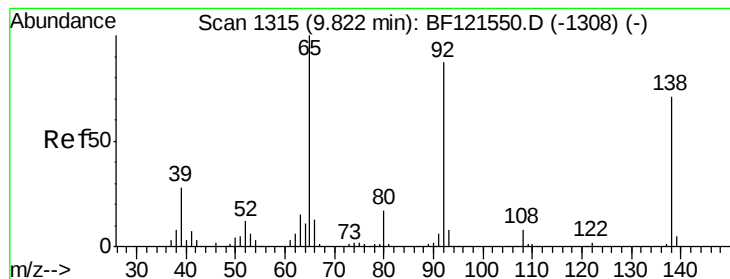
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#52
 Acenaphthene
 Concen: 38.404 ng m
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1016011		
153	111.5		91.0	136.4
152	53.9		44.2	66.2





#53

3-Nitroaniline

Concen: 23.853 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

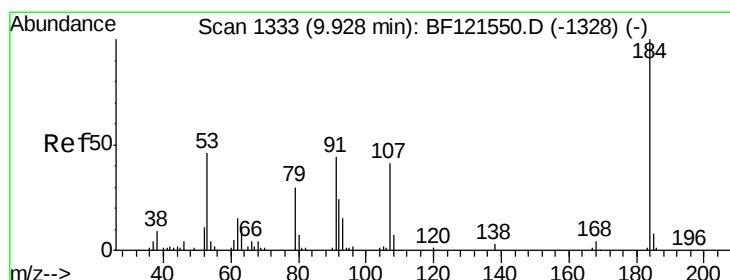
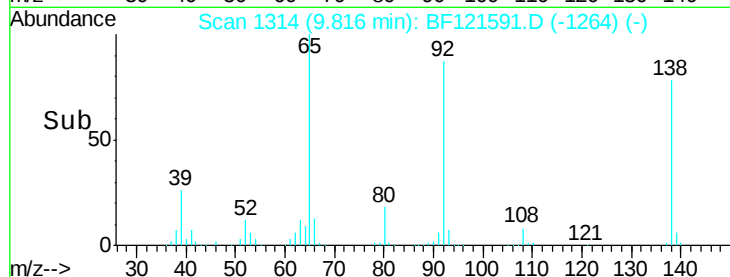
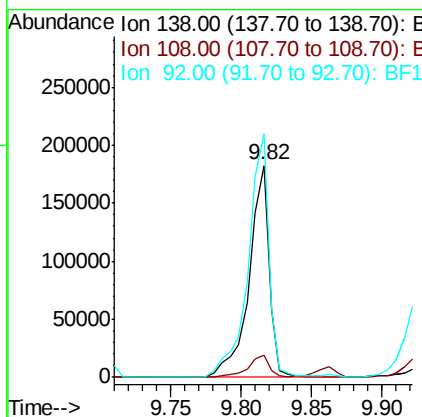
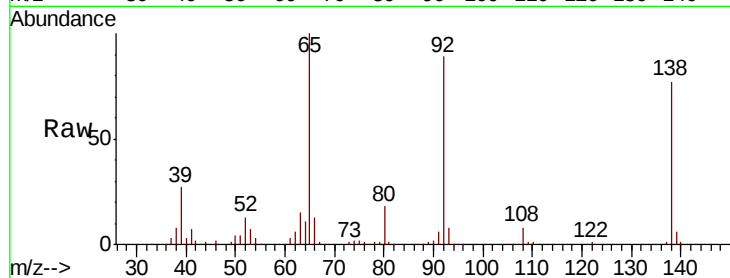
ClientSampleId :

PB131616BS

Tot Ion:	138	Resp:	184310
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.0	13.6
92	114.7	97.4	146.0

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#54

2,4-Dinitrophenol

Concen: 72.261 ng

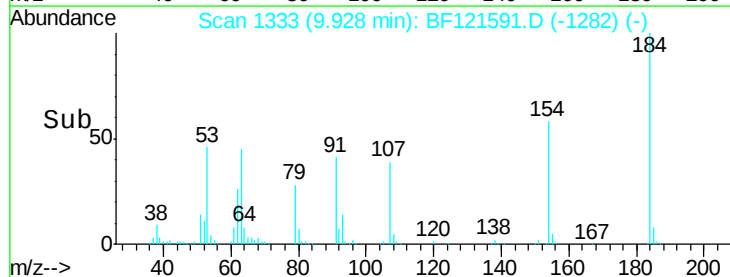
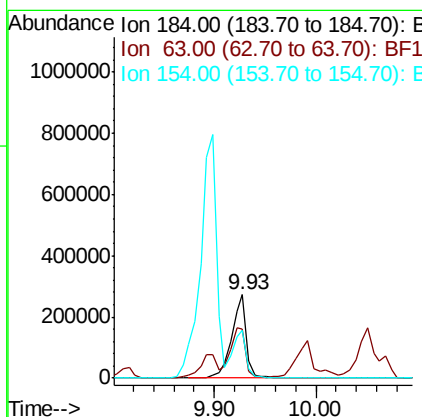
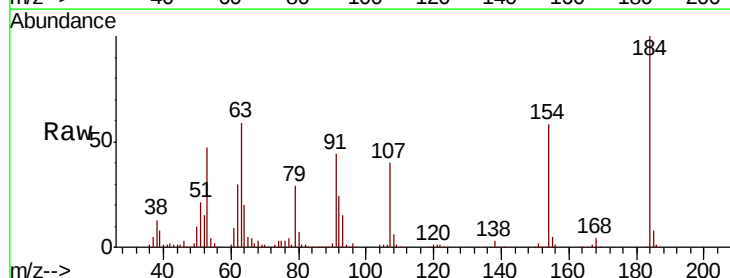
RT: 9.93 min Scan# 1333

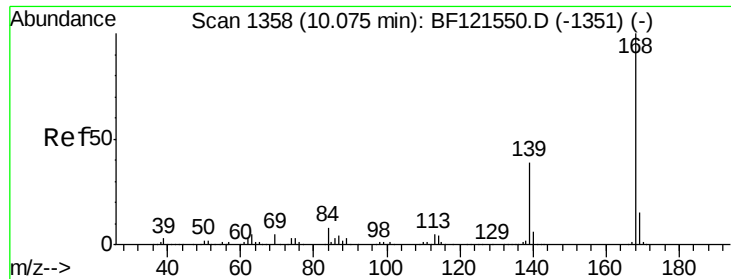
Delta R.T. 0.00 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion:	184	Resp:	274203
Ion Ratio	Lower	Upper	
184	100		
63	59.4	47.7	71.5
154	57.6	47.2	70.8





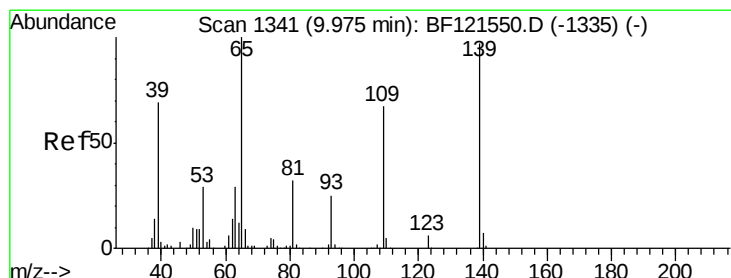
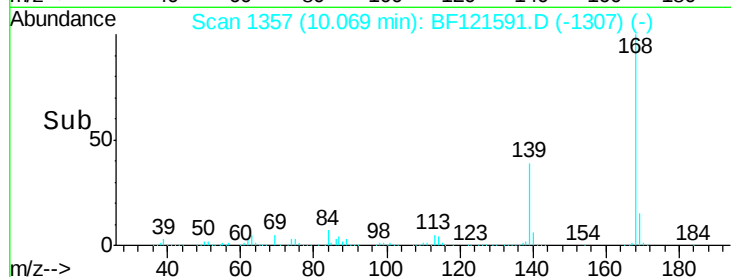
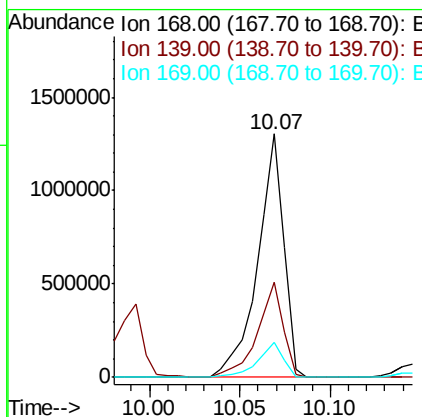
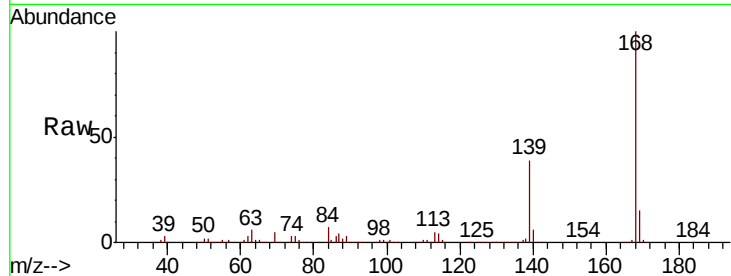
#55
Dibenzenofuran
Concen: 35.051 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.4	47.0
169	14.6	11.9	17.9

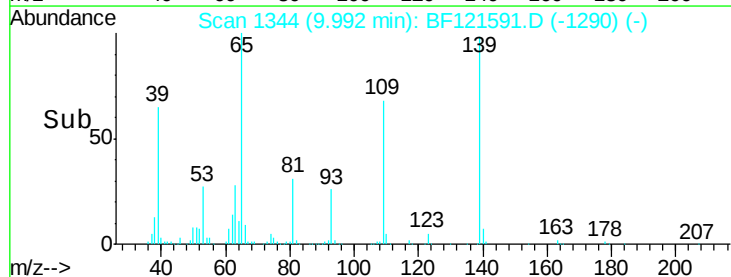
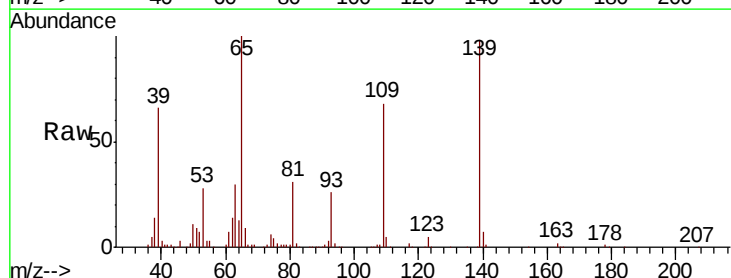
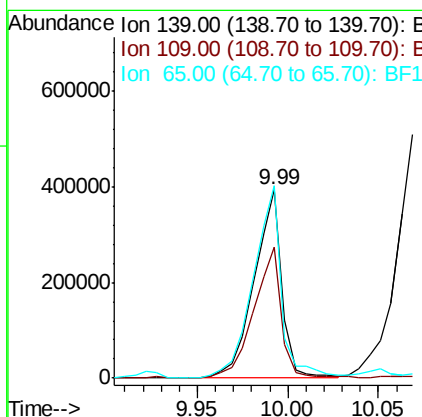
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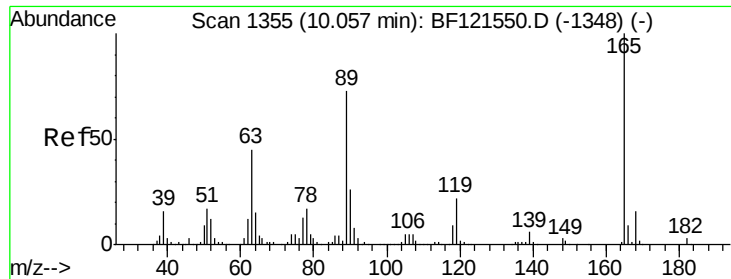
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#56
4-Nitrophenol
Concen: 67.975 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	48.8	88.8
65	102.1	83.6	123.6





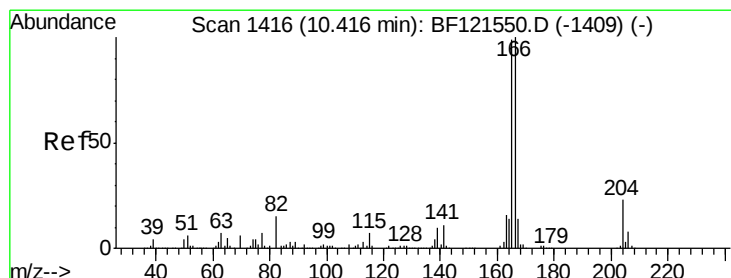
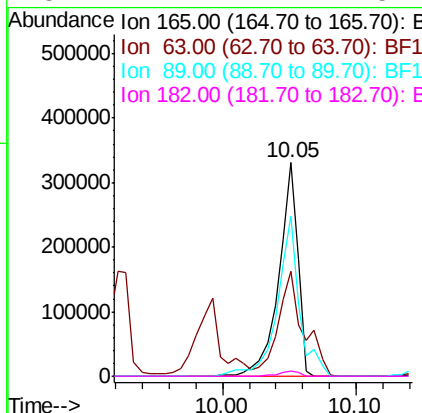
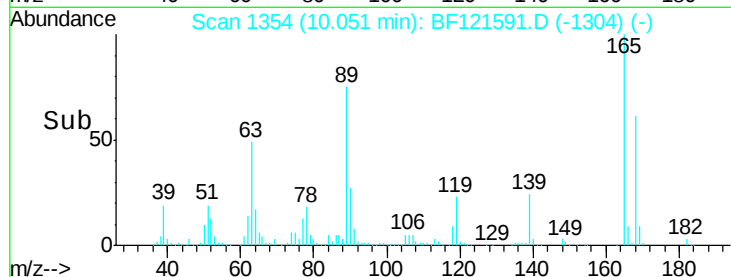
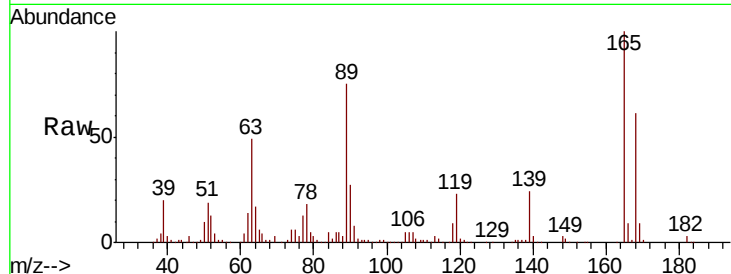
#57
2,4-Dinitrotoluene
Concen: 39.739 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.2	54.4
89	75.2	58.2	87.4
182	2.7	2.2	3.2

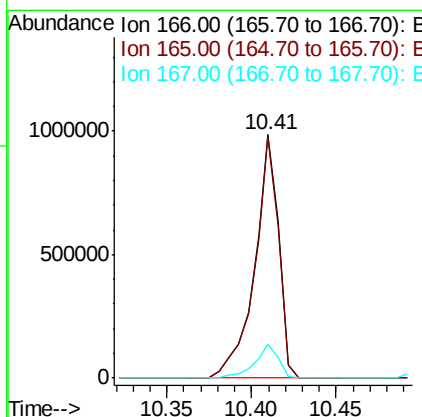
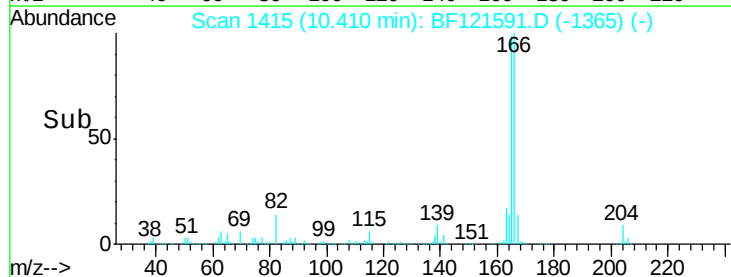
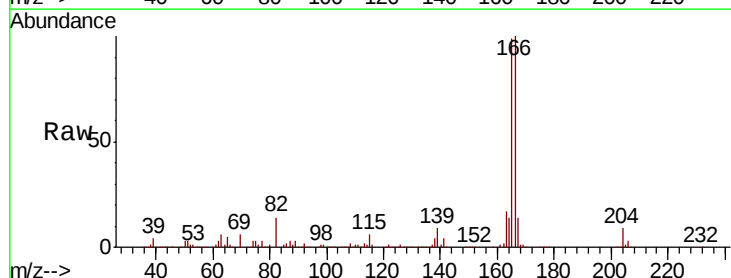
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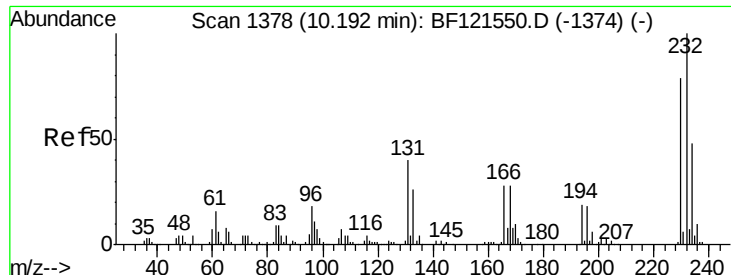
mohammad
9/18/2020 11:28:09 AM



#58
Fluorene
Concen: 34.313 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.6	11.0	16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.409 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

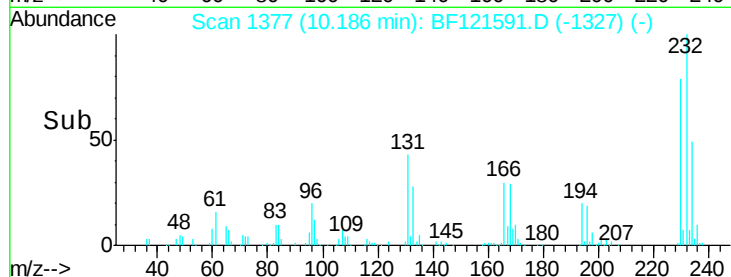
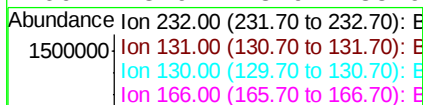
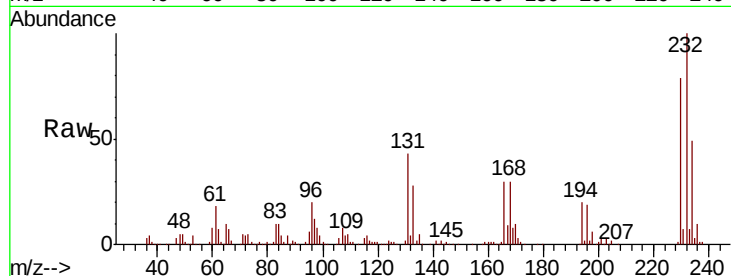
ClientSampleId :

PB131616BS

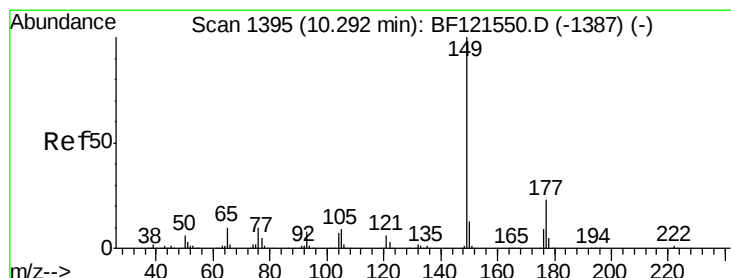
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		295809		
131	42.5	36.3	54.5		
130	2.2	1.9	2.9		
166	28.9	23.9	35.9		

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Time-->



#60

Diethylphthalate

Concen: 36.562 ng

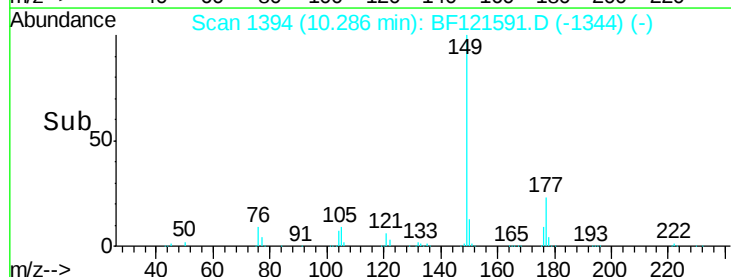
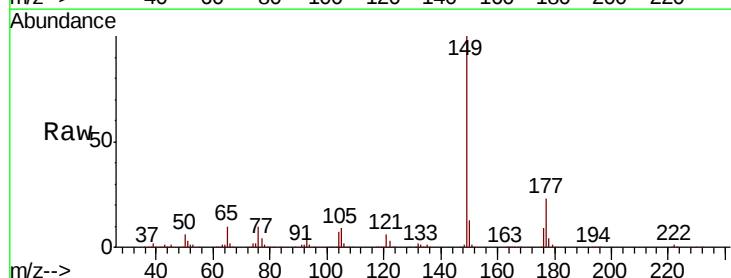
RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

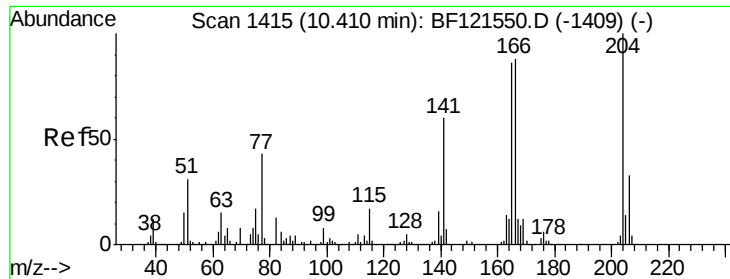
Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1116476		
177	22.6	18.2	27.2		
150	12.6	10.2	15.2		



Time-->



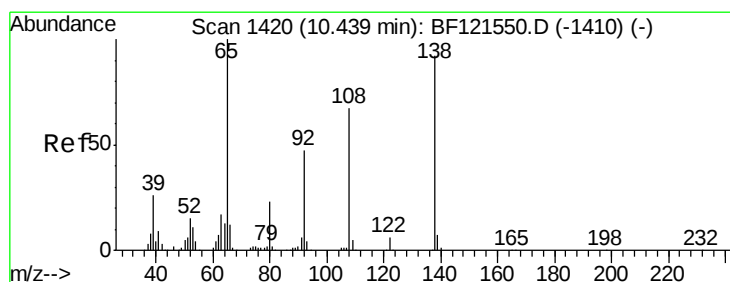
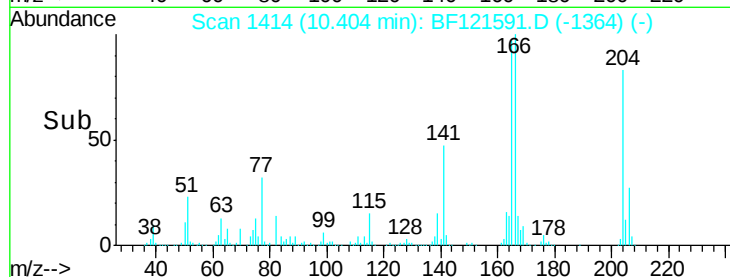
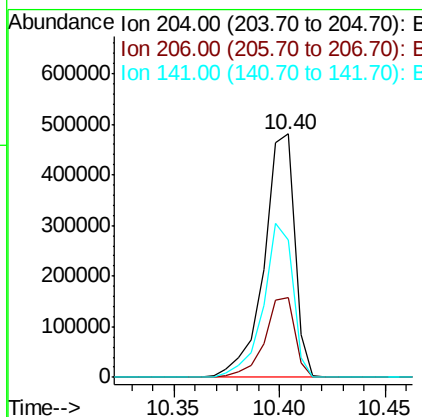
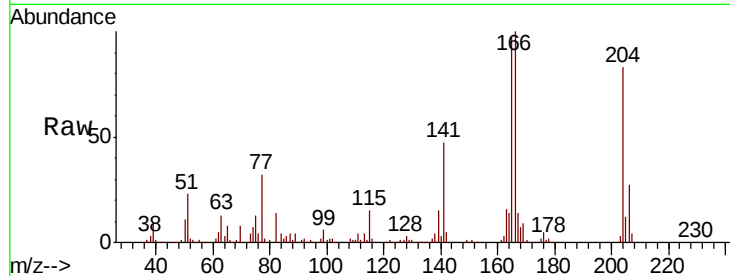
#61
4-Chlorophenyl-phenylether
Concen: 35.582 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	56.3	48.3	72.5

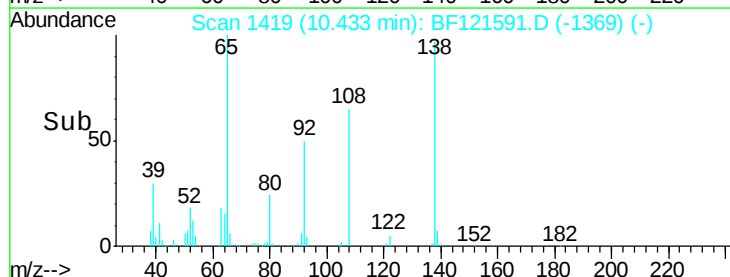
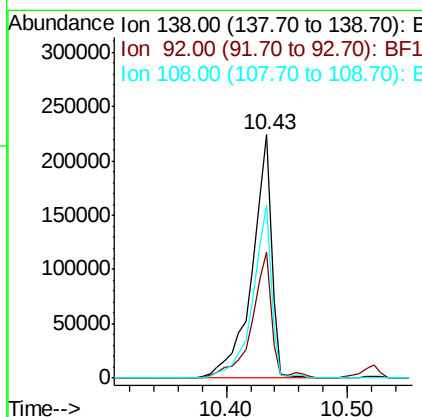
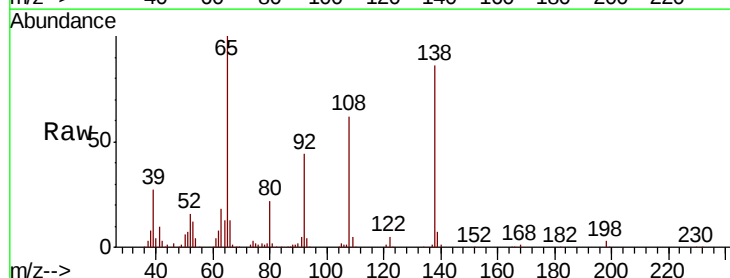
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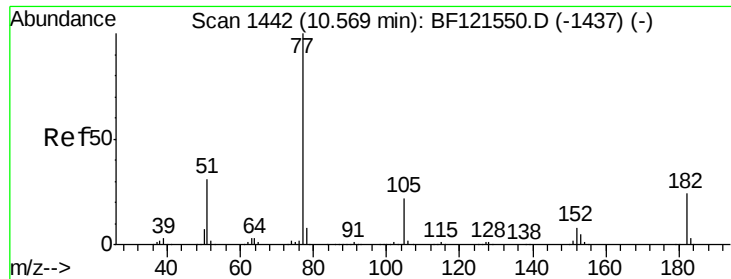
mohammad
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#62
4-Nitroaniline
Concen: 33.225 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.4	71.4
108	71.4	52.4	92.4





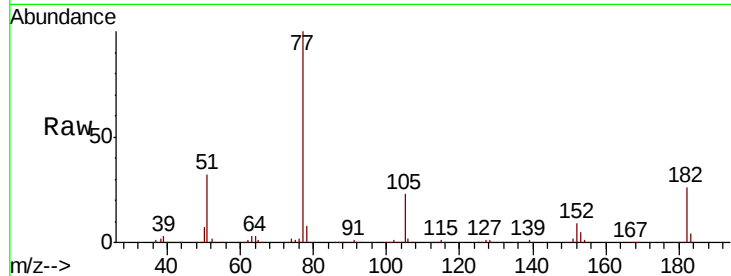
#63
Azobenzene
Concen: 34.519 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

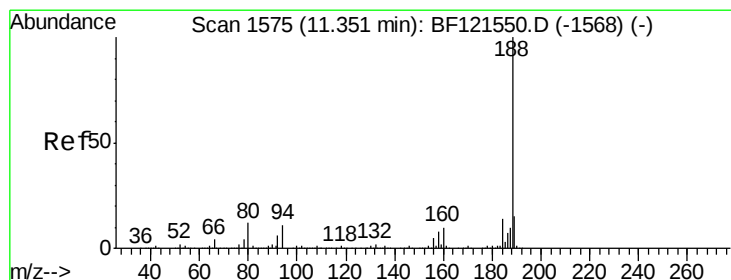
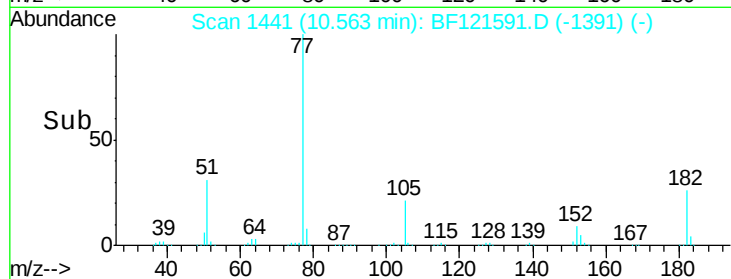
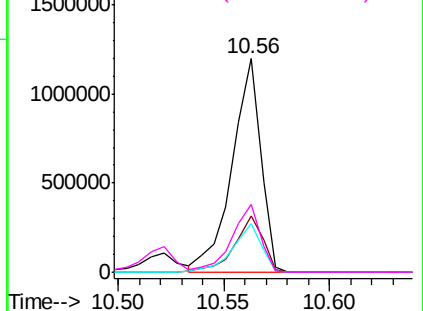
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	3.9	43.9
105	22.6	2.2	42.2
51	31.6	11.1	51.1

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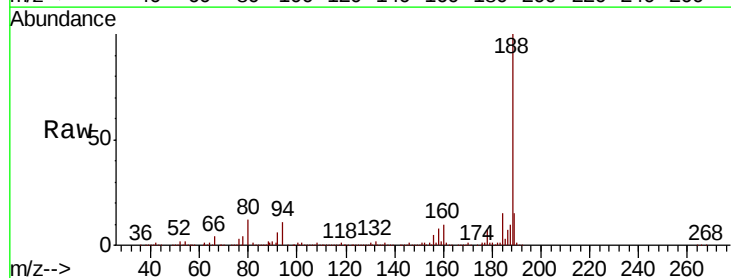


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

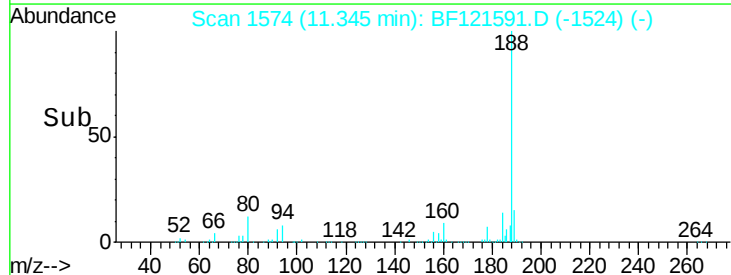
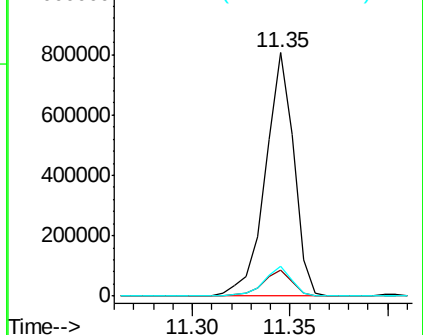


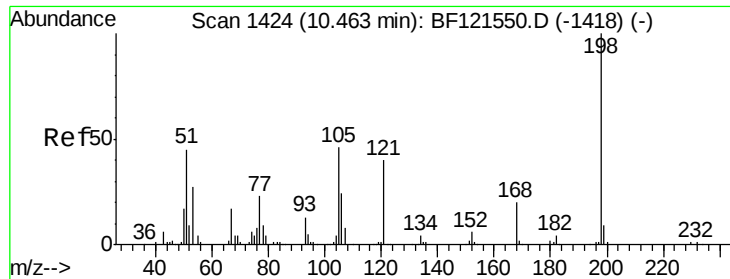
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.7	13.1
80	12.0	9.3	13.9



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





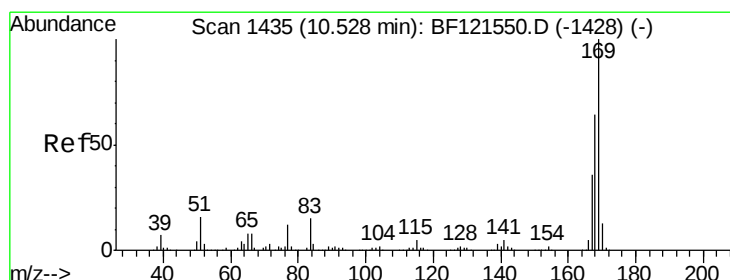
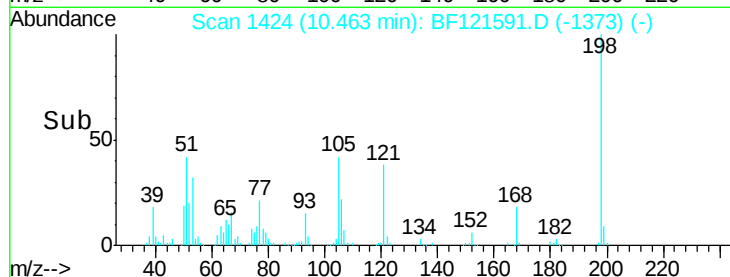
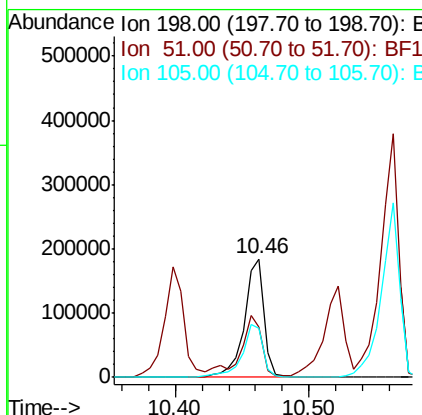
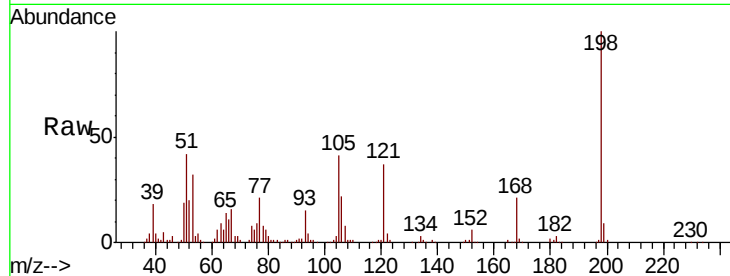
#65
4,6-Dinitro-2-methylphenol
Concen: 39.161 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.4	31.1	71.1
105	41.4	26.6	66.6

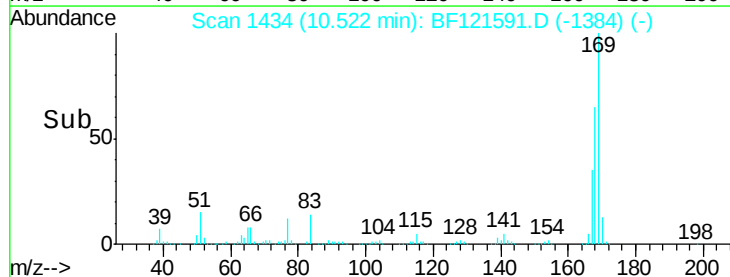
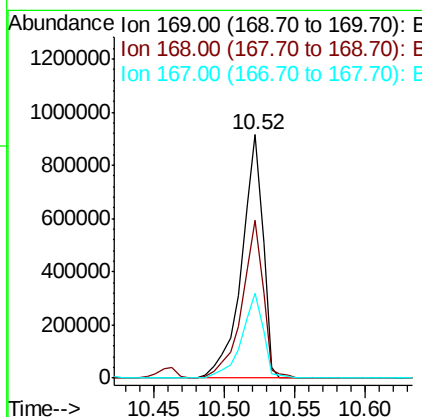
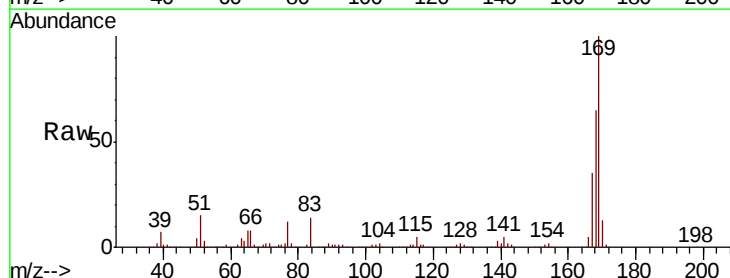
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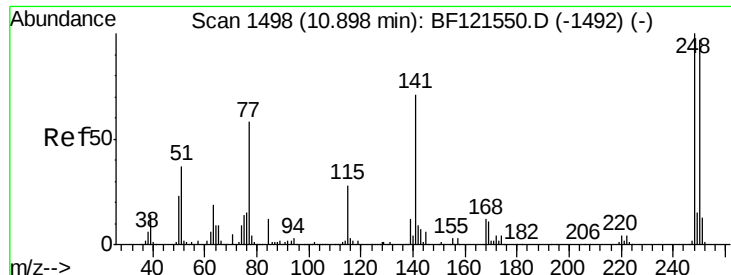
mohammad
9/18/2020 11:28:09 AM



#66
n-Nitrosodiphenylamine
Concen: 34.579 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.2	76.8
167	35.0	28.9	43.3





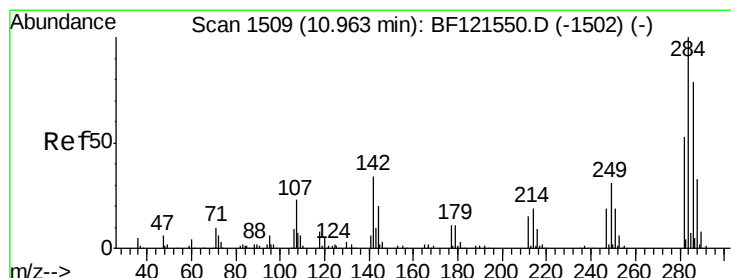
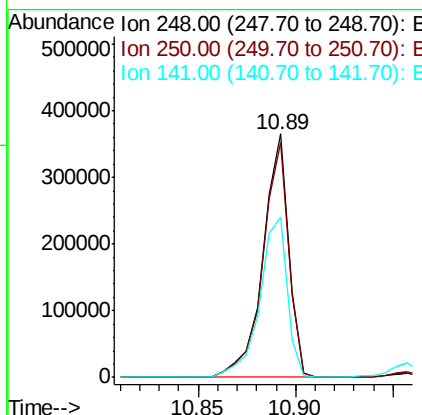
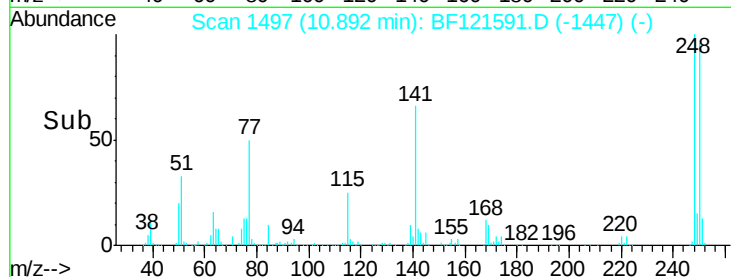
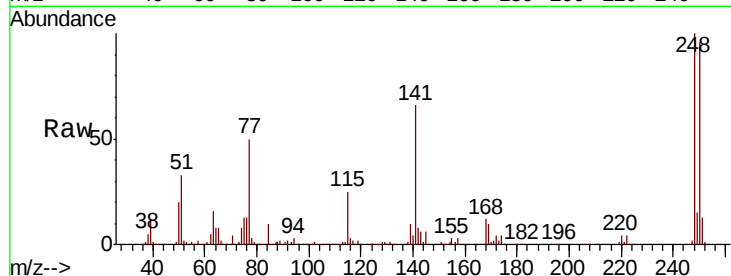
#67
 4-Bromophenyl-phenylether
 Concen: 36.107 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleID :
 PB131616BS

Tot Ion:	248	Resp:	333428
Ion Ratio	Lower	Upper	
248	100		
250	96.1	77.4	116.0
141	65.9	56.7	85.1

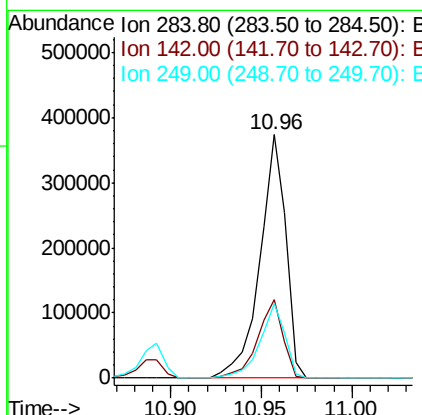
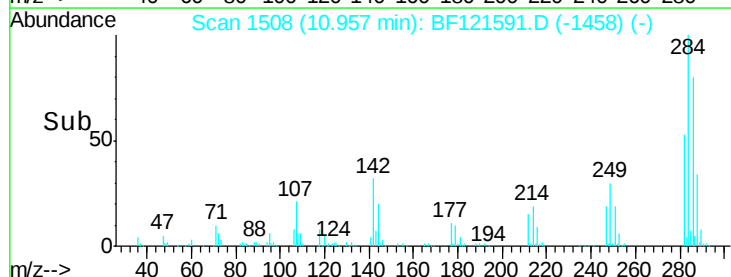
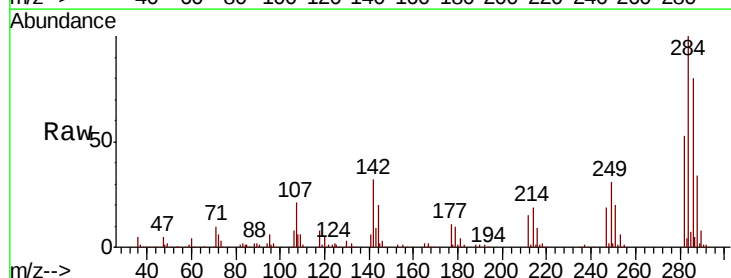
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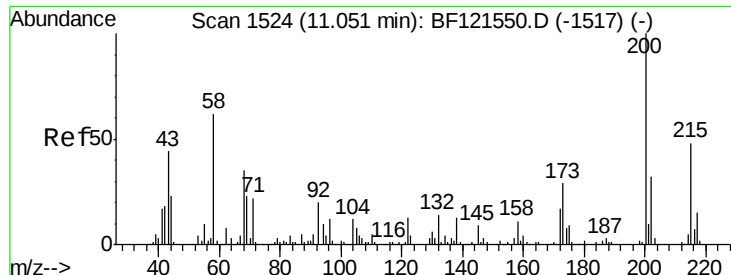
mohammad
 9/18/2020 11:28:09 AM



#68
 Hexachlorobenzene
 Concen: 35.468 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion:	284	Resp:	369624
Ion Ratio	Lower	Upper	
284	100		
142	32.4	27.0	40.4
249	30.6	24.7	37.1





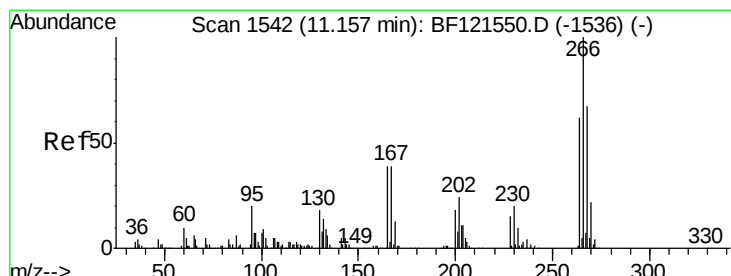
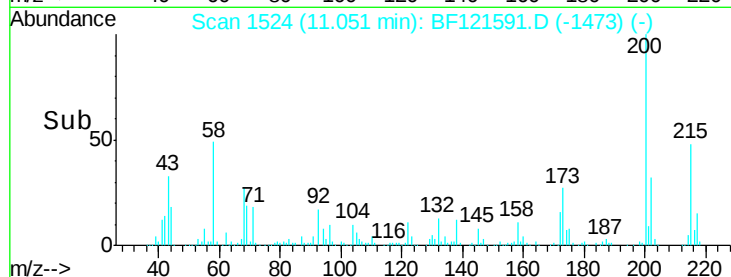
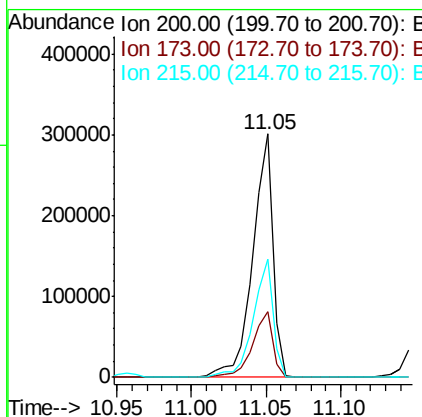
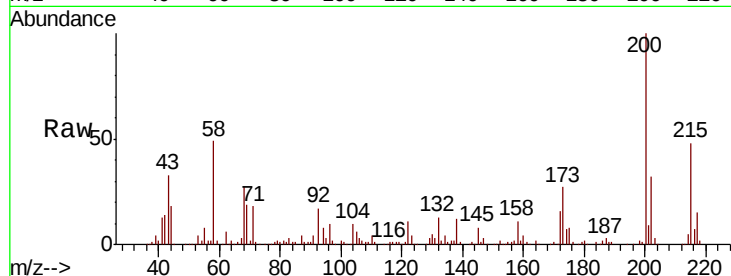
#69
Atrazine
Concen: 40.500 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	8.5	48.5
215	48.3	27.8	67.8

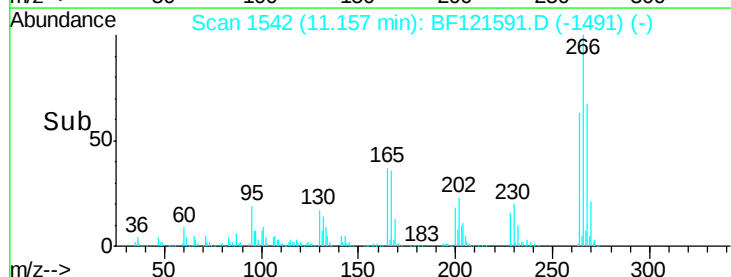
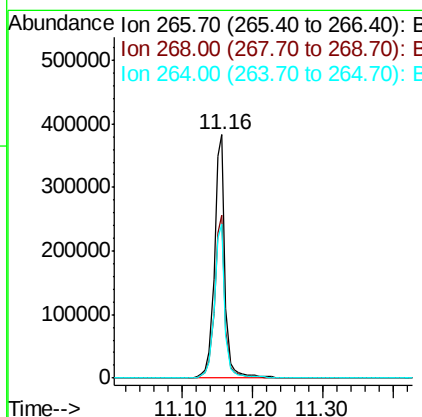
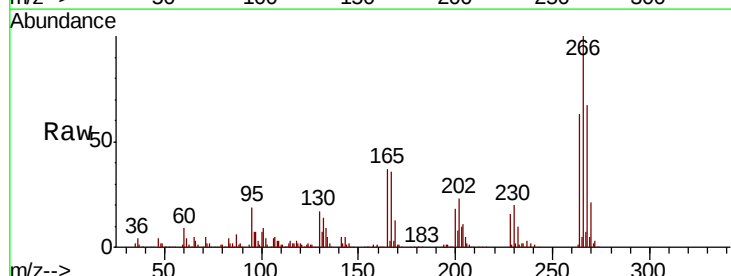
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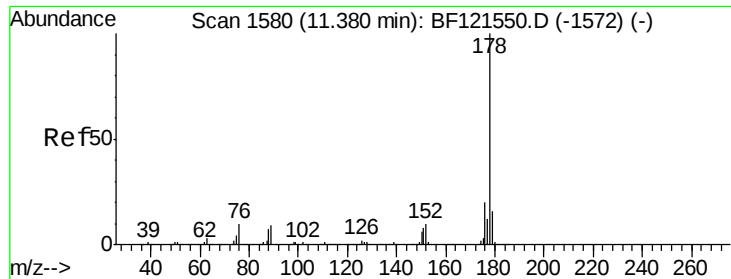
mohammad
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#70
Pentachlorophenol
Concen: 71.027 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.1	53.5	80.3
264	63.1	49.8	74.8





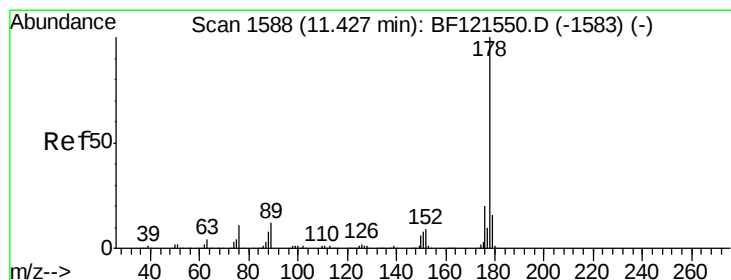
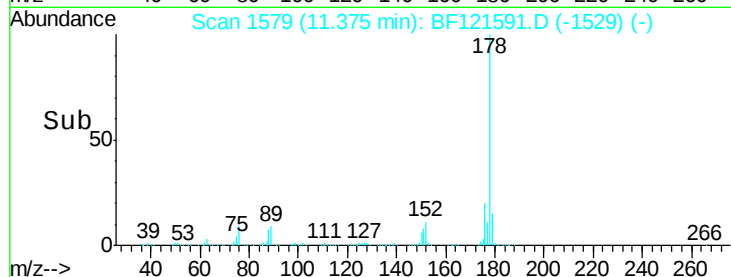
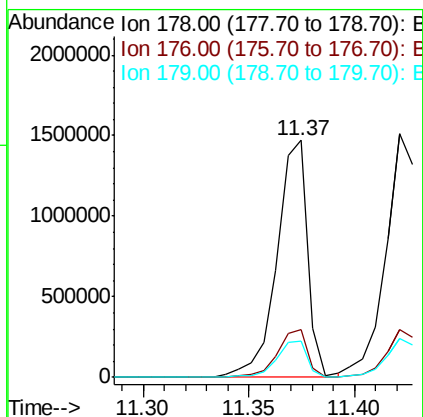
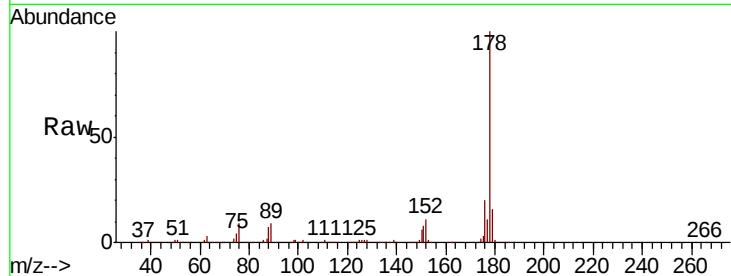
#71
Phenanthrene
Concen: 33.935 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion:178 Resp: 1499611
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.5 12.6 19.0

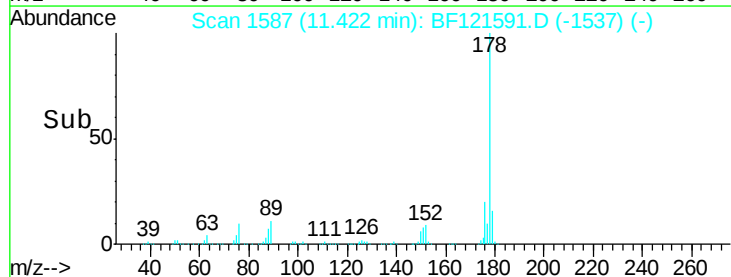
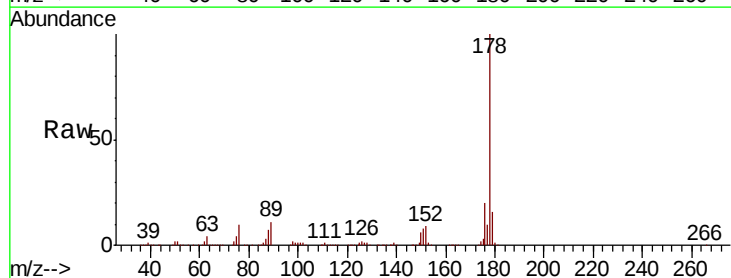
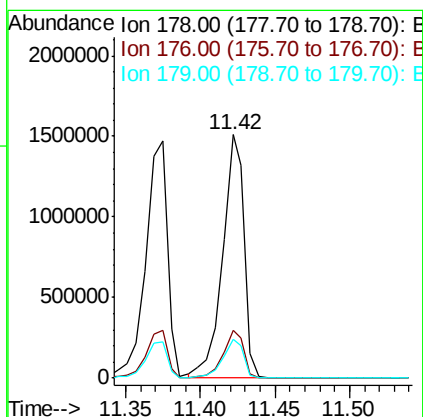
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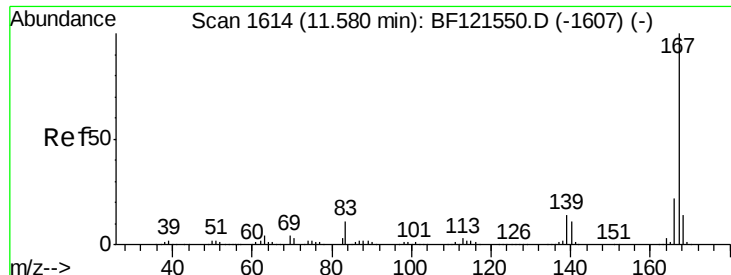
mohammad
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#72
Anthracene
Concen: 33.771 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion:178 Resp: 1540020
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.1 12.8 19.2





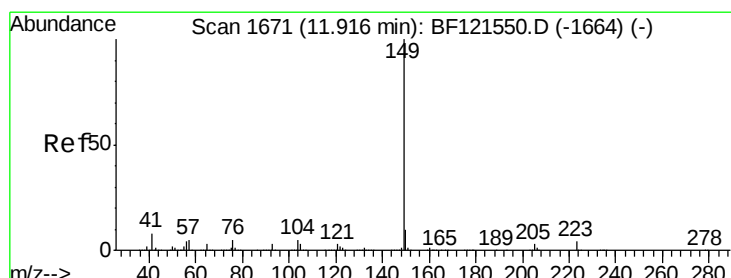
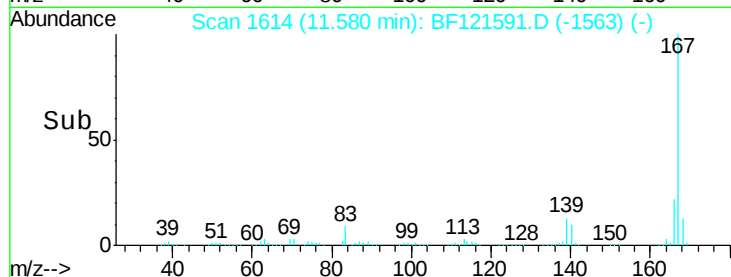
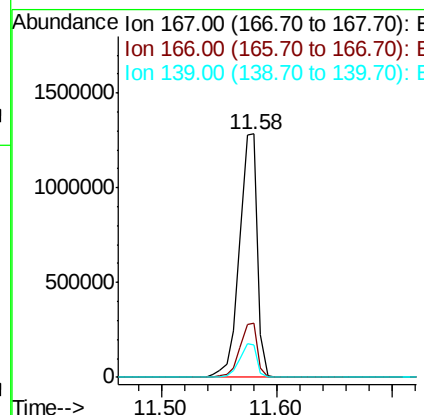
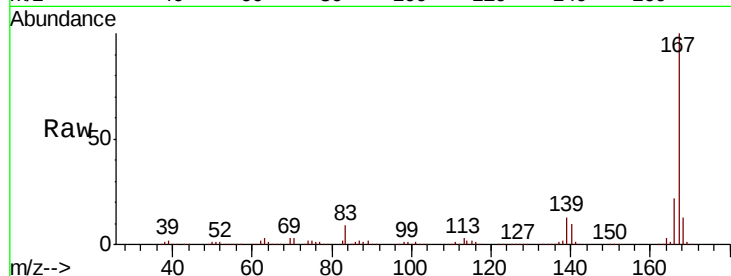
#73
 Carbazole
 Concen: 33.525 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.1	11.2	16.8

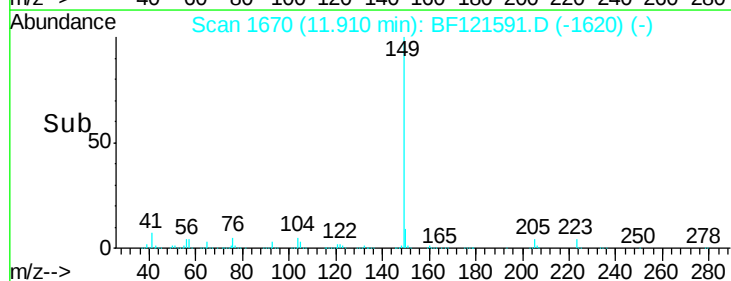
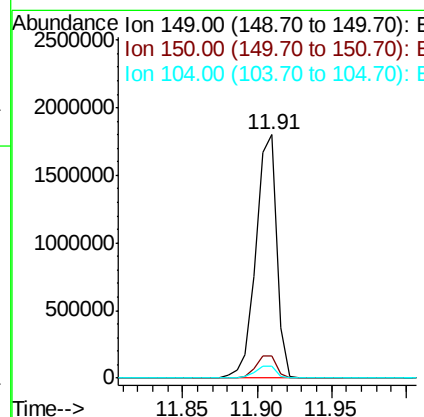
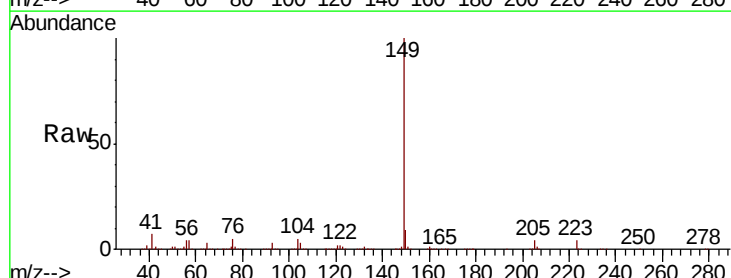
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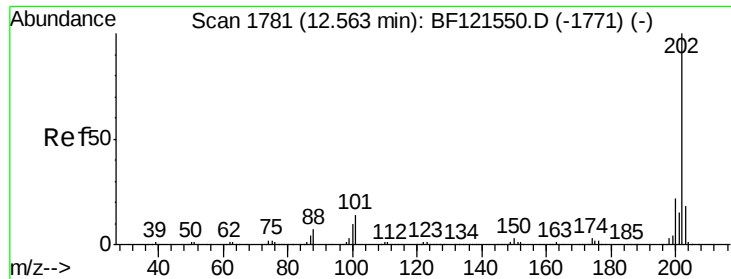
mohammad
 9/18/2020 11:28:09 AM



#74
 Di-n-butylphthalate
 Concen: 36.232 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.0	4.2	6.4





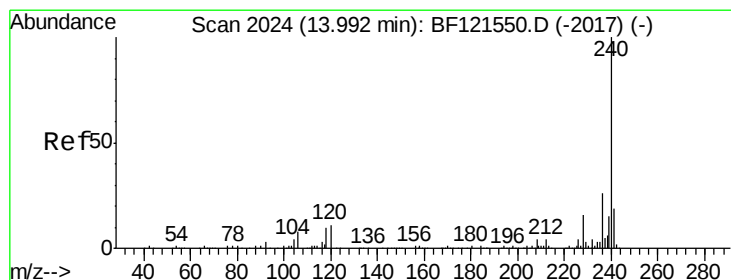
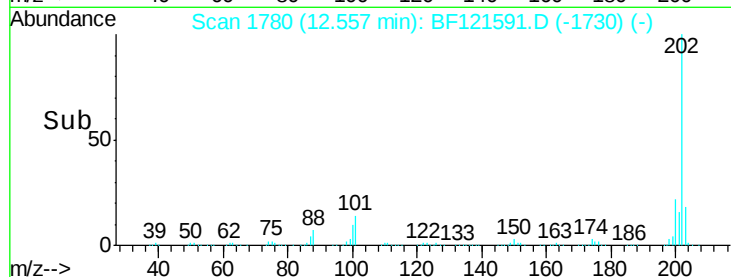
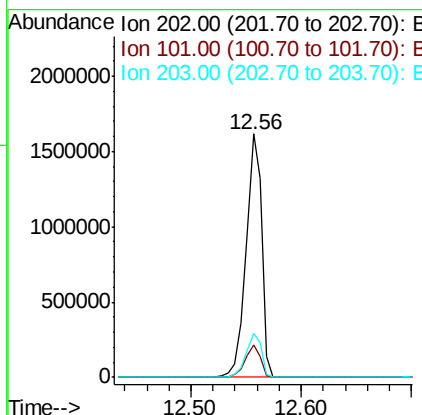
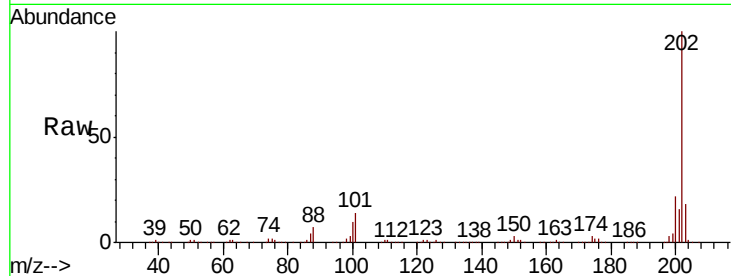
#75
 Fluoranthene
 Concen: 34.187 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1612712		
101	13.5		0.0	34.0
203	18.1		0.0	38.2

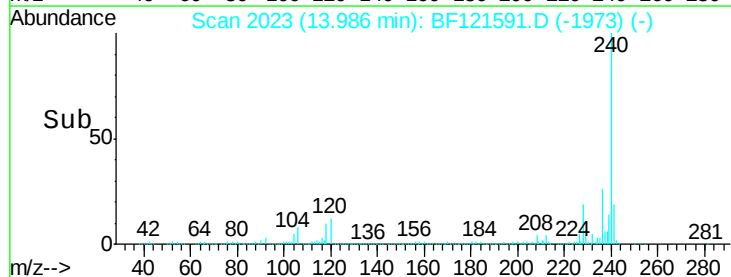
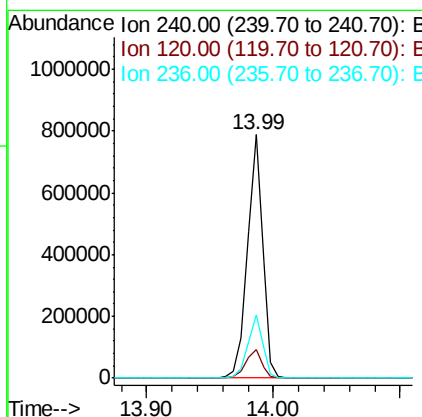
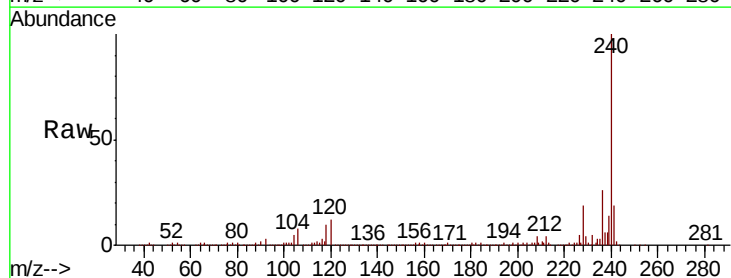
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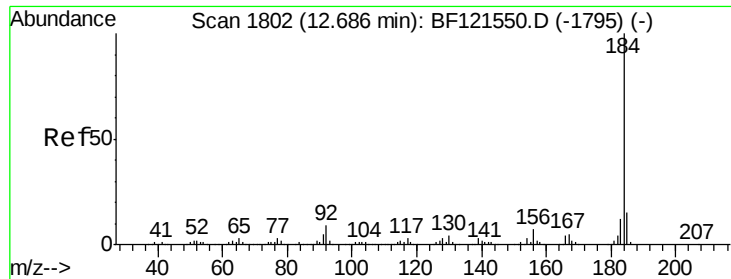
mohammad
 9/18/2020 11:28:09 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	657129		
120	11.6		9.2	13.8
236	25.7		20.5	30.7





#77

Benzidine

Concen: 28.736 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

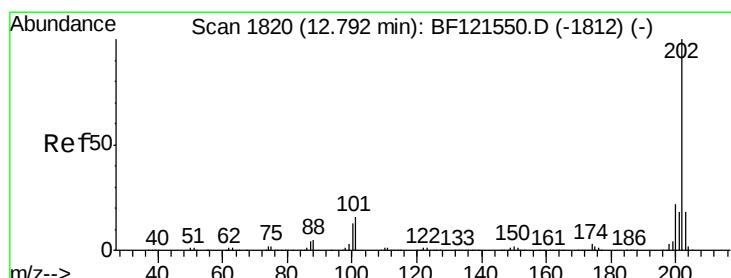
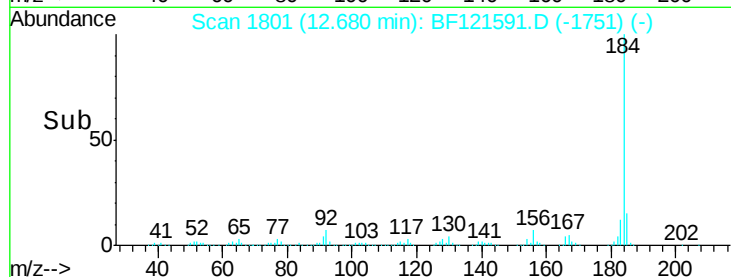
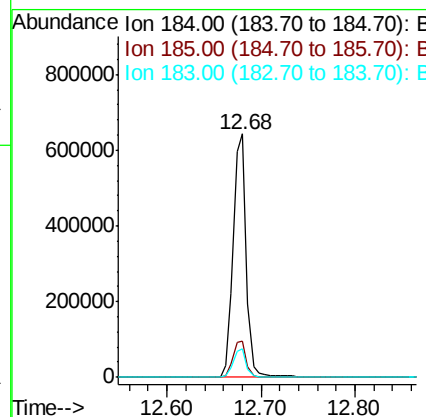
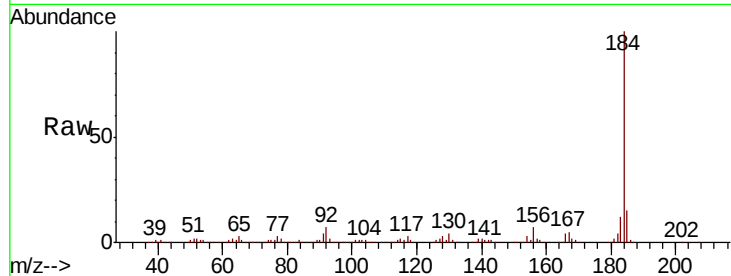
ClientSampleId :

PB131616BS

Tot Ion:	184	Resp:	626020
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 34.171 ng

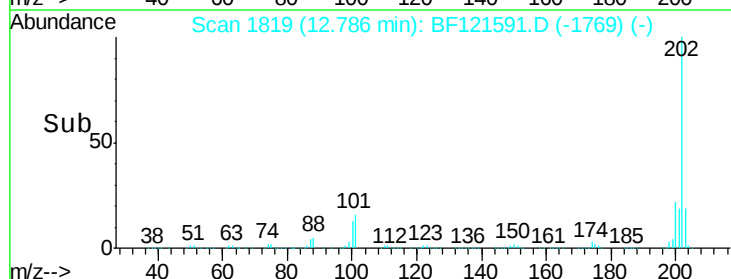
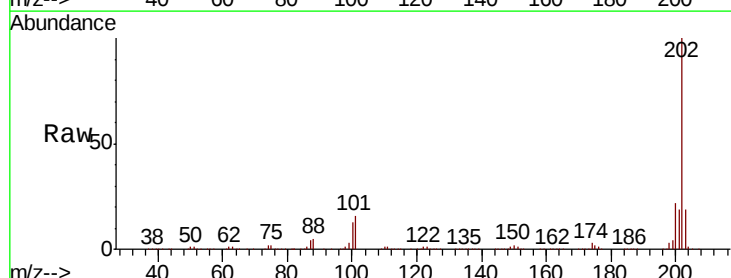
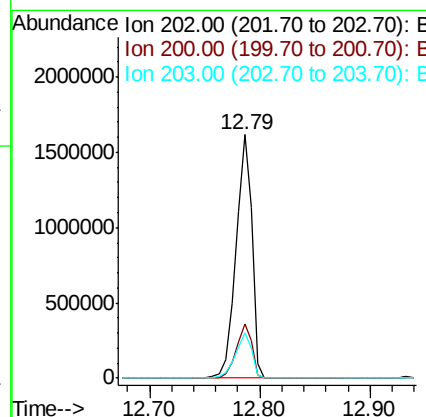
RT: 12.79 min Scan# 1819

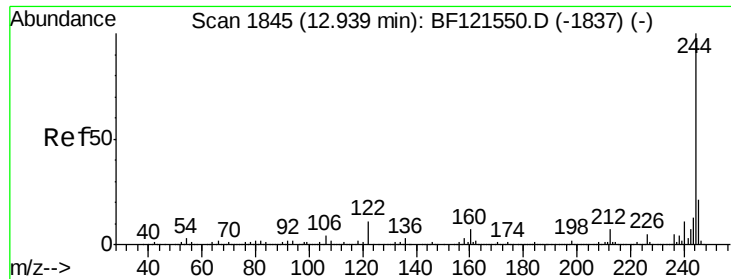
Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Tgt Ion:	202	Resp:	1640627
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	18.5	14.6	22.0





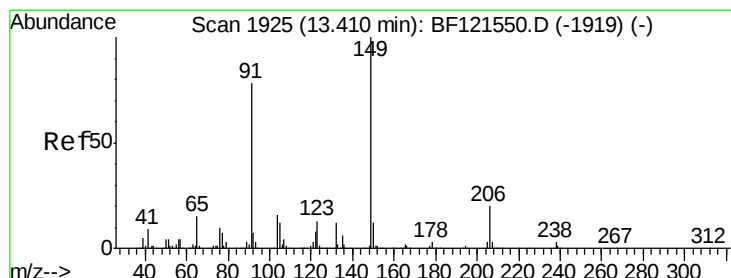
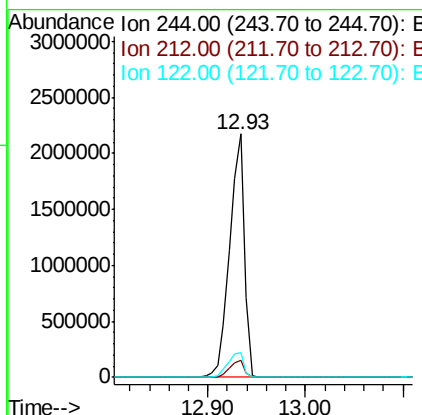
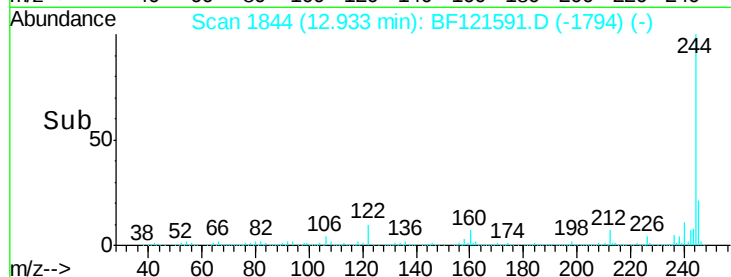
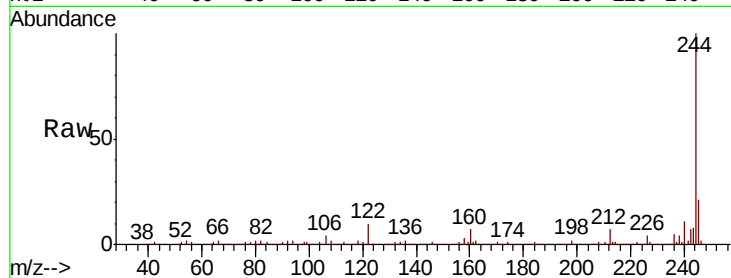
#79
 Terphenyl-d14
 Concen: 70.232 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.2	8.7	13.1

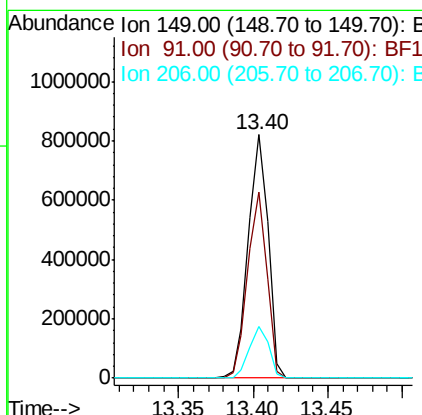
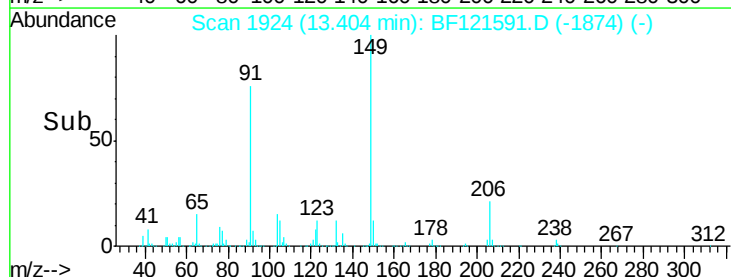
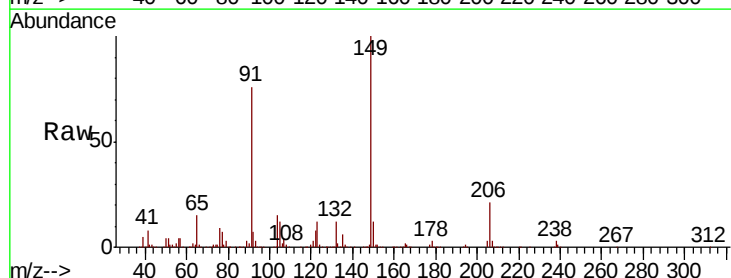
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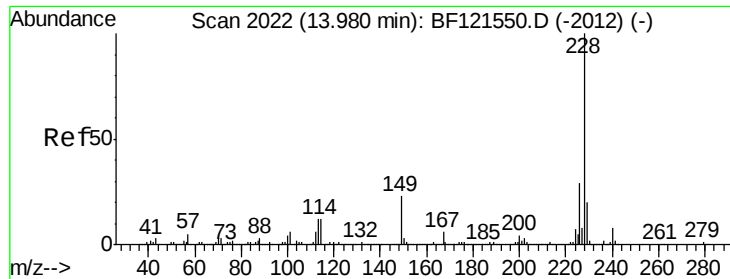
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#80
 Butylbenzylphthalate
 Concen: 38.862 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	62.6	94.0
206	21.1	15.8	23.6





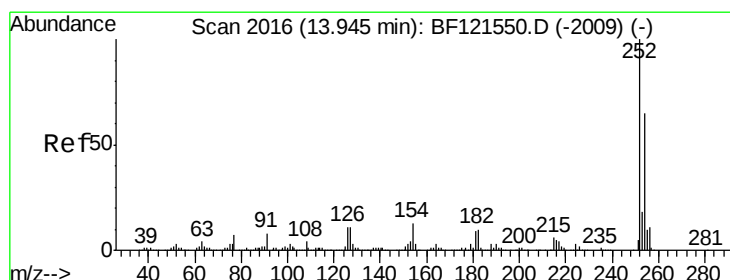
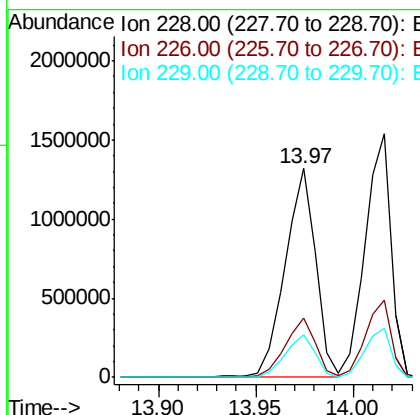
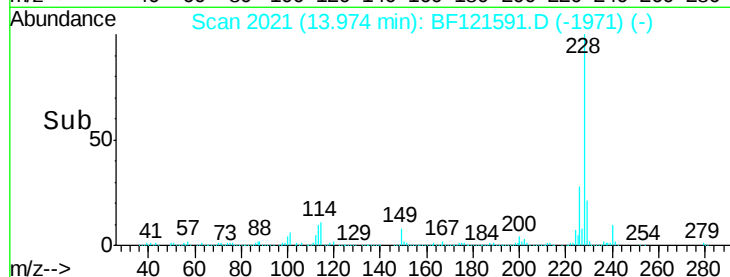
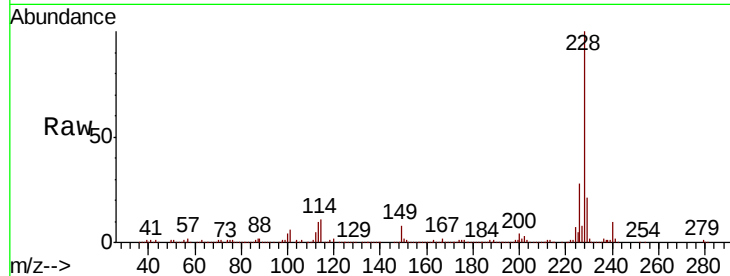
#81
Benzo(a)anthracene
Concen: 34.348 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	20.6	16.3	24.5

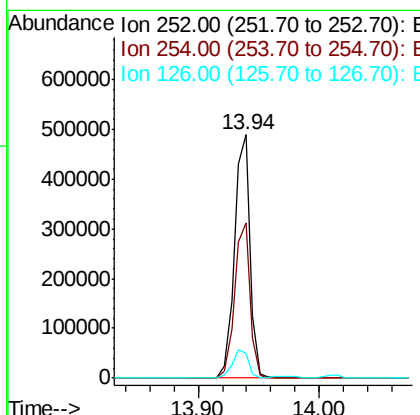
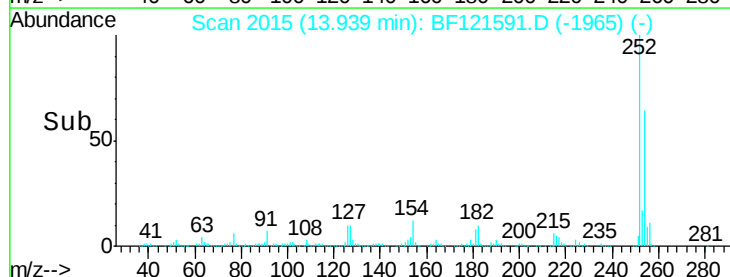
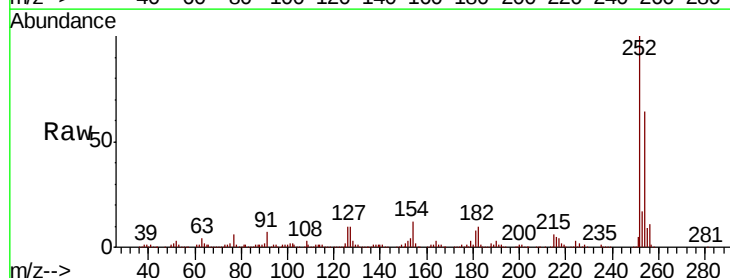
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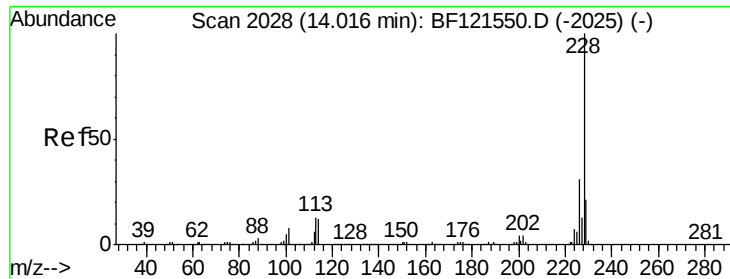
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.026 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.3	78.5
126	10.3	9.1	13.7





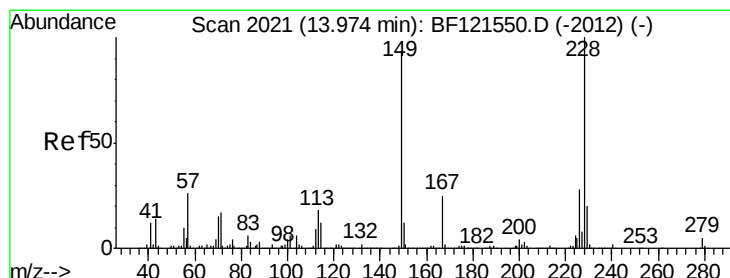
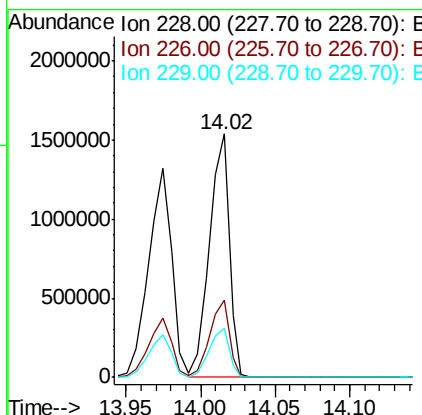
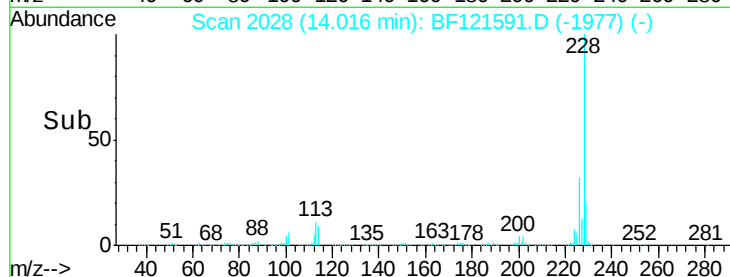
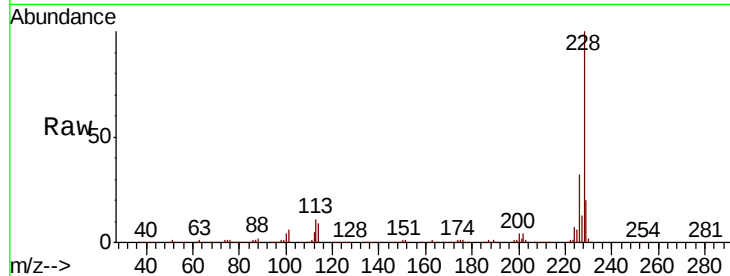
#83
Chrysene
Concen: 33.683 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

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

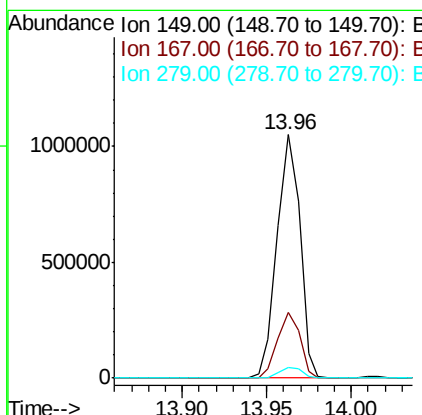
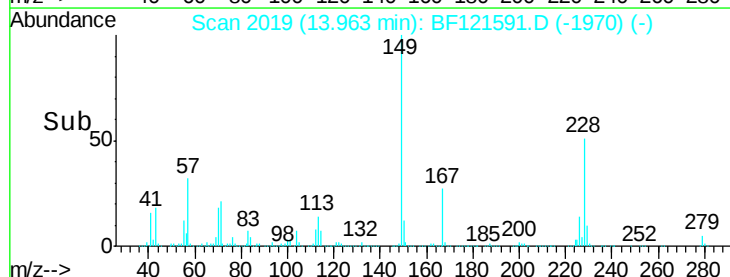
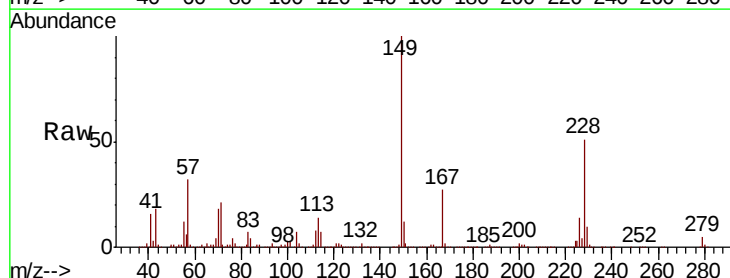
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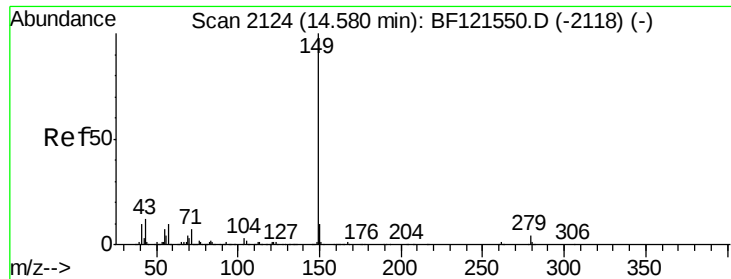
mohammad
9/18/2020 11:28:09 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.959 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	4.6	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 38.784 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

Instrument :

BNA_F

ClientSampleId :

PB131616BS

Tot Ion:149 Resp: 1775525

Ion Ratio Lower Upper

149 100

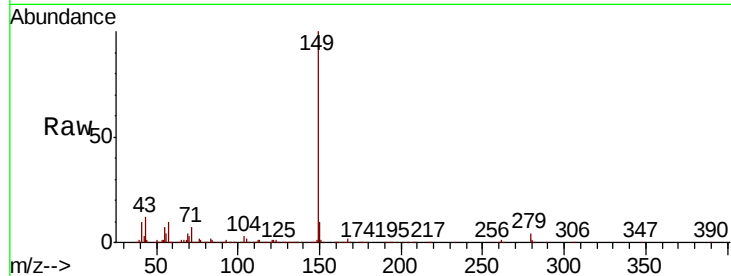
167 1.6 1.2 1.8

43 11.6 9.4 14.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

2500000

2000000

1500000

1000000

500000

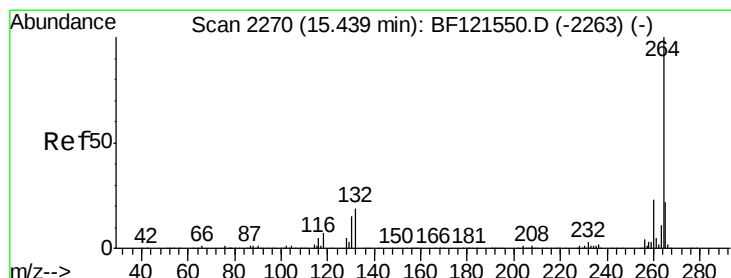
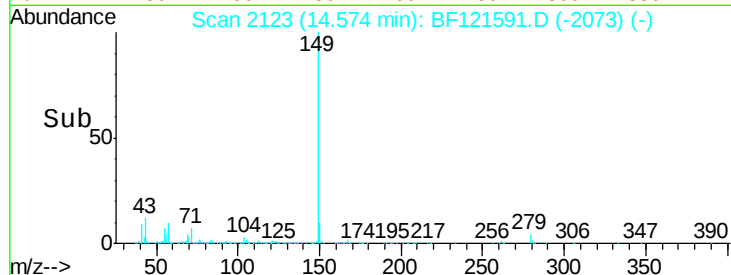
0

14.57

14.50

14.60

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121591.D

Acq: 16 Sep 2020 11:46

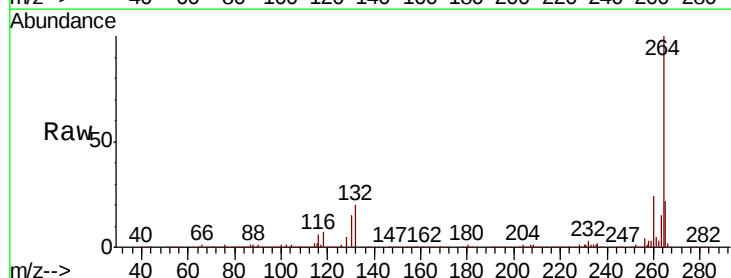
Tgt Ion:264 Resp: 555005

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

600000

500000

400000

300000

200000

100000

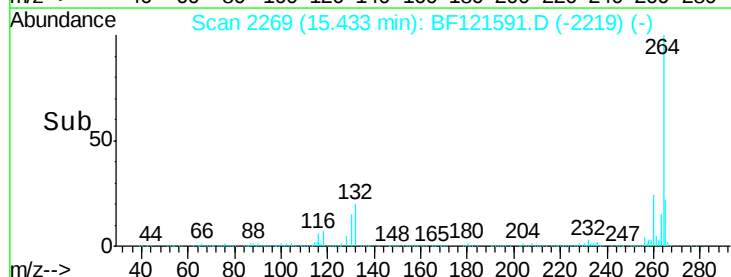
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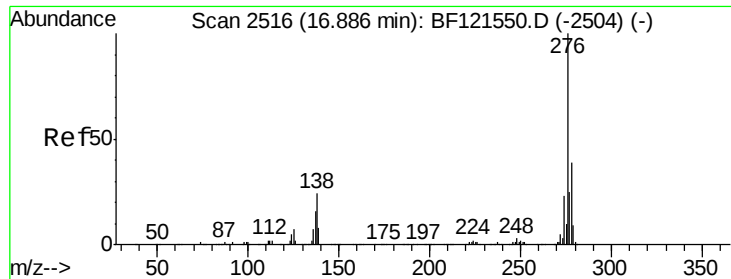
15.43

15.40

15.50

Time-->





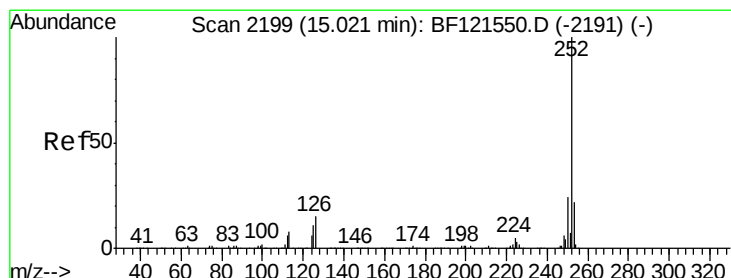
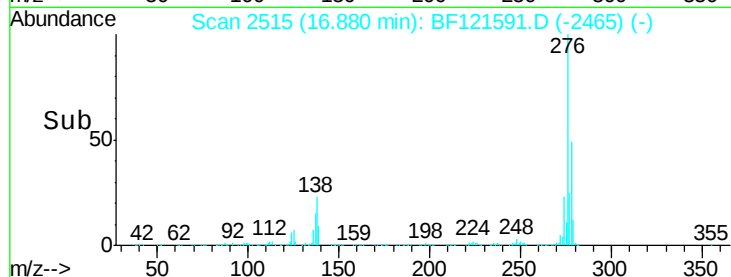
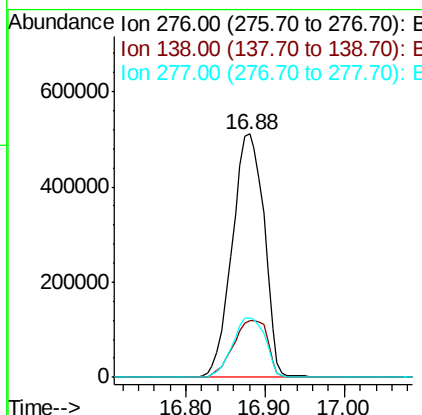
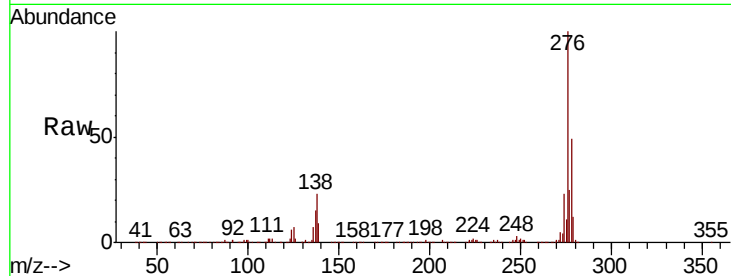
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.543 ng
 RT: 16.88 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB131616BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	31.0
277	25.3	20.2	30.4

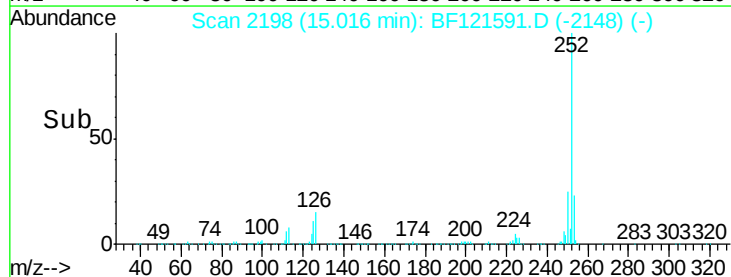
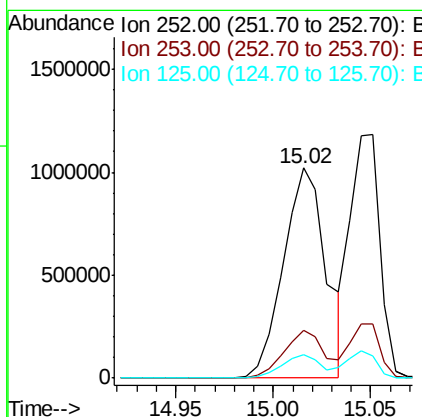
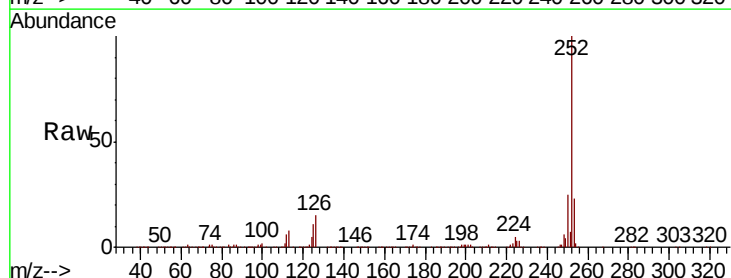
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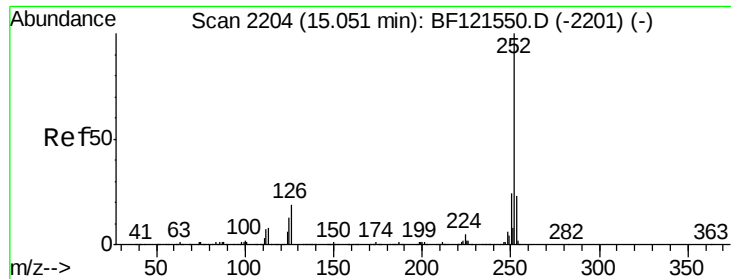
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.728 ng
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BF121591.D
 Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.1	9.2	13.8





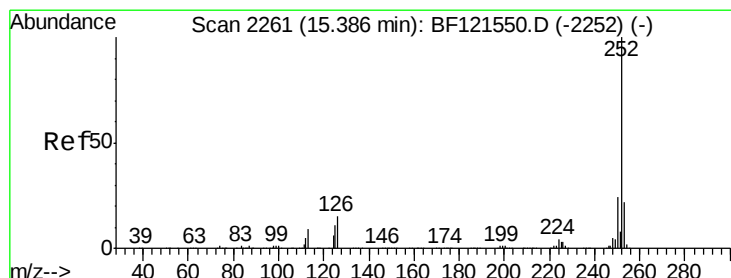
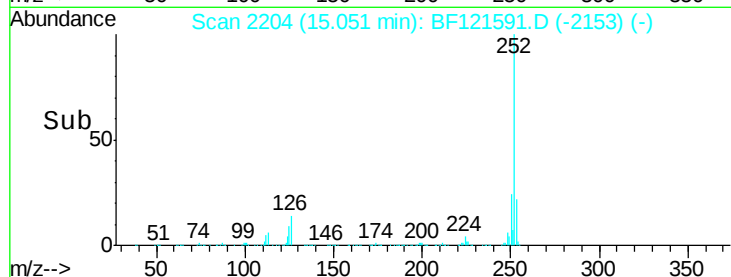
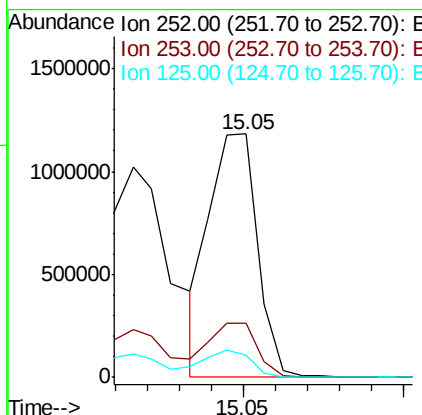
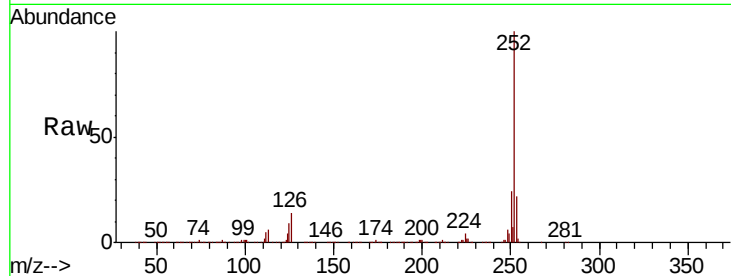
#89
Benzo(k)fluoranthene
Concen: 36.671 ng m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.3	9.8	14.6

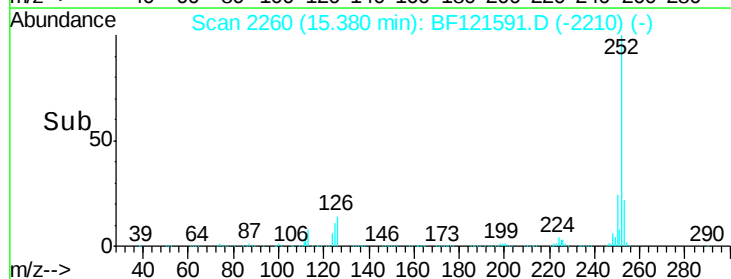
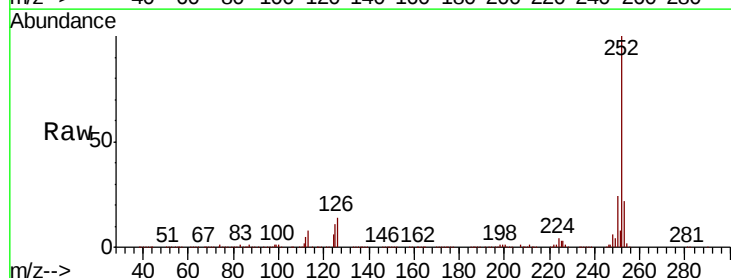
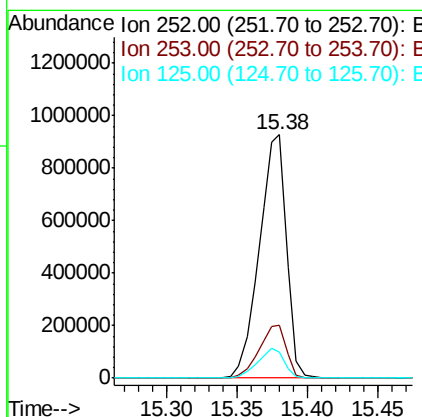
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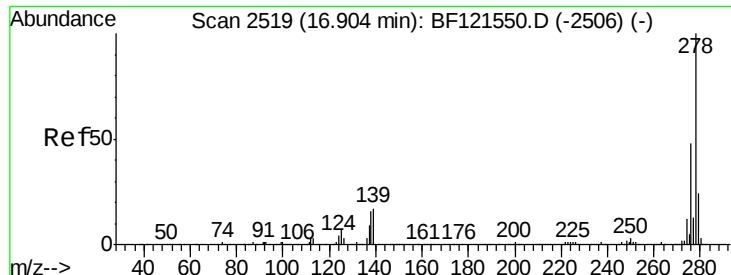
mohammad
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#90
Benzo(a)pyrene
Concen: 39.865 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.8	9.0	13.4





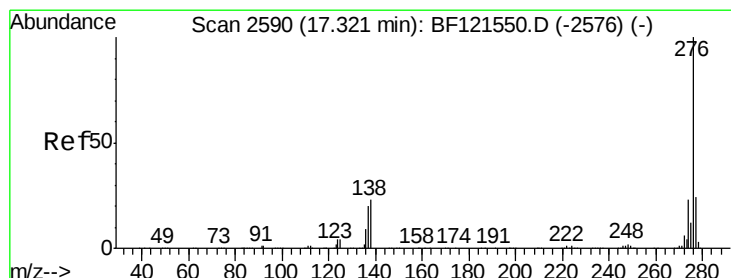
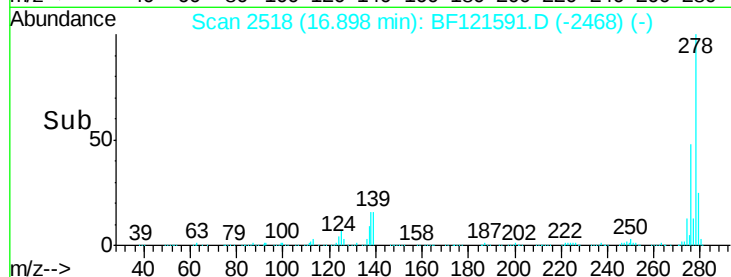
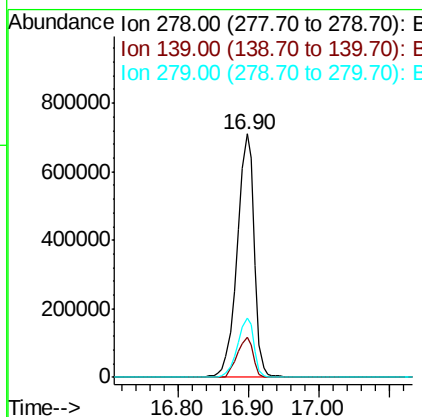
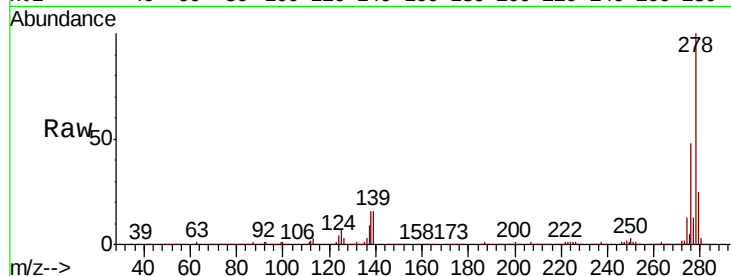
#91
Dibenzo(a,h)anthracene
Concen: 39.560 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Instrument :
BNA_F
ClientSampleId :
PB131616BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.9	20.9
279	24.6	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/18/2020 11:28:09 AM



#92
Benzo(g,h,i)perylene
Concen: 39.761 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF121591.D
Acq: 16 Sep 2020 11:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.8	18.7	28.1

