

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121393.D
 Acq On : 24 Aug 2020 11:36
 Operator : JU/CG
 Sample : PB131098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Manual Integrations
 APPROVED

mohammad
 8/25/2020 4:18:52 PM

Quant Time: Aug 24 12:43:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169697	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	665153	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	349137	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	681612	20.00	ng	0.00
76) Chrysene-d12	13.86	240	529089	20.00	ng	0.00
86) Perylene-d12	15.27	264	579749	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	964544	93.20	ng	0.01
7) Phenol-d6	6.35	99	1137673	86.11	ng	0.00
23) Nitrobenzene-d5	7.27	82	808685	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	372628	91.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1402864	75.72	ng	0.00
79) Terphenyl-d14	12.80	244	1481451	54.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	144624	30.882	ng	99
3) Pyridine	3.12	79	350912	27.919	ng	99
4) n-Nitrosodimethylamine	3.08	42	197561	38.617	ng	99
6) Aniline	6.36	93	467492	30.645	ng	97
8) 2-Chlorophenol	6.49	128	444868	41.128	ng	98
9) Benzaldehyde	6.25	77	261446	35.177	ng	95
10) Phenol	6.36	94	482903	34.860	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	415320	38.928	ng	99
12) 1,3-Dichlorobenzene	6.64	146	443166	36.569	ng	100
13) 1,4-Dichlorobenzene	6.72	146	448711	36.678	ng	98
14) 1,2-Dichlorobenzene	6.87	146	425906	36.557	ng	98
15) Benzyl Alcohol	6.85	79	350513	44.095	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	564850	35.957	ng	99
17) 2-Methylphenol	6.97	107	344373	38.586	ng	99
18) Hexachloroethane	7.21	117	166134	36.471	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	267122	37.595	ng	99
20) 3+4-Methylphenols	7.13	107	406693	46.233	ng	99
22) Acetophenone	7.12	105	560030	36.013	ng	# 99
24) Nitrobenzene	7.29	77	447956	37.371	ng	96
25) Isophorone	7.53	82	817807	38.210	ng	99
26) 2-Nitrophenol	7.60	139	243929	39.679	ng	98
27) 2,4-Dimethylphenol	7.65	122	380487	43.375	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	523349	35.920	ng	99
29) 2,4-Dichlorophenol	7.85	162	363455	37.950	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	389374	35.553	ng	99
31) Naphthalene	8.00	128	1196899	36.156	ng	99
32) Benzoic acid	7.80	122	195438	31.367	ng	100
33) 4-Chloroaniline	8.06	127	407474	27.797	ng	99
34) Hexachlorobutadiene	8.12	225	223119	34.424	ng	99
35) Caprolactam	8.45	113	124981m	39.845	ng	
36) 4-Chloro-3-methylphenol	8.56	107	381750	39.411	ng	97
37) 2-Methylnaphthalene	8.70	142	807630	37.640	ng	100
38) 1-Methylnaphthalene	8.80	142	755787	37.045	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	383687	37.027	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Instrument :
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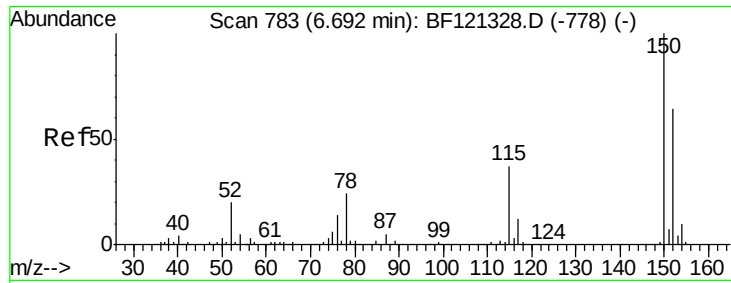
Manual Integrations
 APPROVED

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 8/25/2020 4:18:52 PM

Quant Time: Aug 24 12:43:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	326382	79.565	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	265719	37.508	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	281899	38.678	ng	99
46) 1,1'-Biphenyl	9.16	154	989992	37.832	ng	100
47) 2-Chloronaphthalene	9.19	162	758338	35.175	ng	100
48) 2-Nitroaniline	9.29	65	246914	36.375	ng	99
49) Acenaphthylene	9.60	152	1218237	38.044	ng	100
50) Dimethylphthalate	9.46	163	948838	37.355	ng	100
51) 2,6-Dinitrotoluene	9.53	165	211869	39.056	ng	98
52) Acenaphthene	9.77	154	704387	36.203	ng	99
53) 3-Nitroaniline	9.70	138	172301	25.390	ng	99
54) 2,4-Dinitrophenol	9.82	184	216212	82.674	ng	91
55) Dibenzofuran	9.95	168	1013723	40.250	ng	98
56) 4-Nitrophenol	9.88	139	298368	71.292	ng	98
57) 2,4-Dinitrotoluene	9.94	165	252370	38.135	ng	99
58) Fluorene	10.29	166	791950	43.094	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	239900	38.504	ng	96
60) Diethylphthalate	10.16	149	930693	37.523	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	393283	42.398	ng	99
62) 4-Nitroaniline	10.32	138	248589	35.752	ng	99
63) Azobenzene	10.44	77	863492	37.481	ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	155150	42.563	ng	87
66) n-Nitrosodiphenylamine	10.40	169	778404	37.023	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	276851	36.616	ng	99
68) Hexachlorobenzene	10.83	284	308479	35.395	ng	100
69) Atrazine	10.93	200	236618	36.330	ng	98
70) Pentachlorophenol	11.03	266	309215	79.742	ng	99
71) Phenanthrene	11.25	178	1226203	34.759	ng	99
72) Anthracene	11.30	178	1282012	37.738	ng	99
73) Carbazole	11.46	167	1207532	37.246	ng	100
74) Di-n-butylphthalate	11.79	149	1440677	36.851	ng	99
75) Fluoranthene	12.43	202	1391831	36.350	ng	99
77) Benzidine	12.56	184	777124	53.313	ng	99
78) Pyrene	12.66	202	1426666	35.897	ng	99
80) Butylbenzylphthalate	13.28	149	646400	37.851	ng	98
81) Benzo(a)anthracene	13.85	228	1166616	35.500	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	368812	29.230	ng	100
83) Chrysene	13.89	228	1194140	35.529	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	787506	39.212	ng	100
85) Di-n-octyl phthalate	14.45	149	1497661	40.296	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1284467	36.295	ng	100
88) Benzo(b)fluoranthene	14.87	252	1368094	36.527	ng	100
89) Benzo(k)fluoranthene	14.90	252	1037505	31.469	ng	100
90) Benzo(a)pyrene	15.22	252	1110844	34.326	ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1038044	35.775	ng	98
92) Benzo(g,h,i)perylene	17.06	276	1088374	38.368	ng	100

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



#1

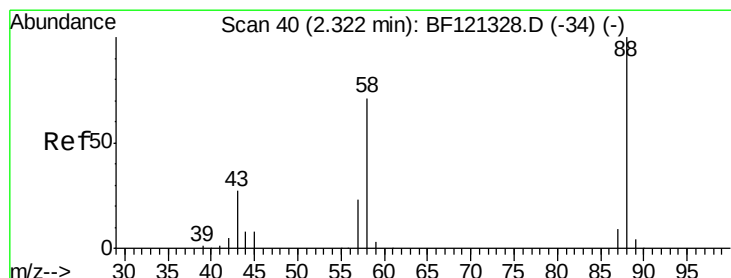
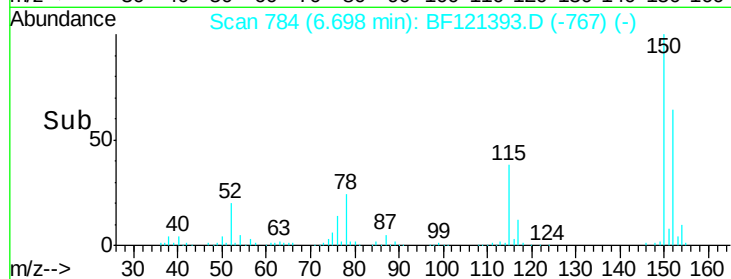
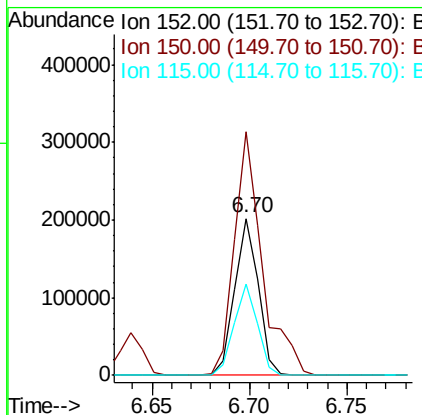
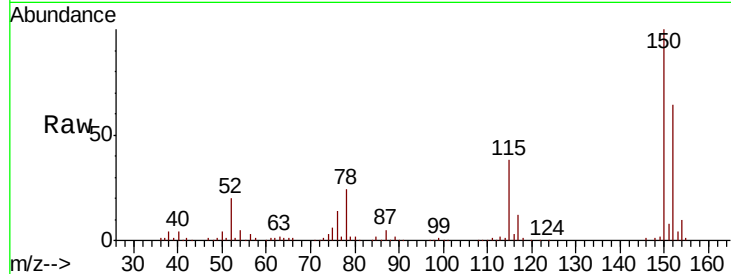
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.4	188.0
115	58.5	47.0	70.6

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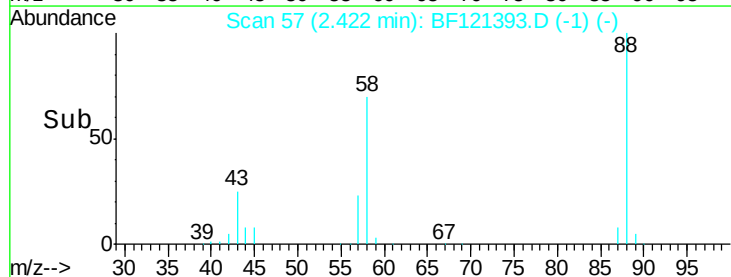
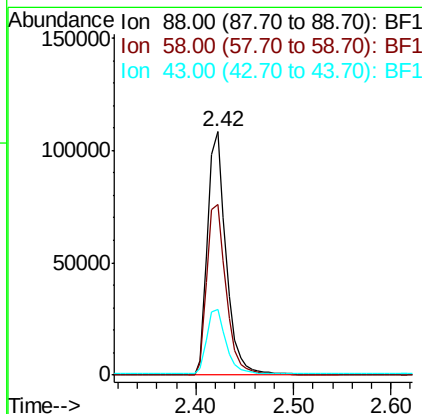
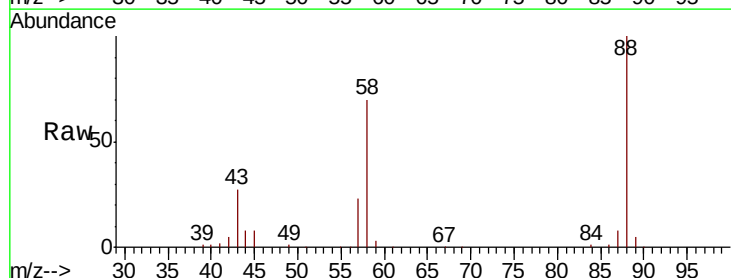
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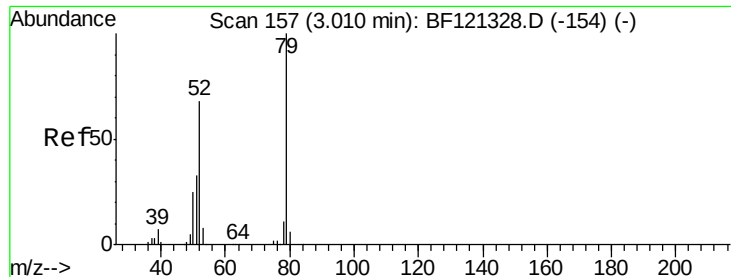


#2

1,4-Dioxane
Concen: 30.882 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.09 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	58.6	88.0
43	26.3	22.4	33.6





#3

Pvridine

Concen: 27.919 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.09 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

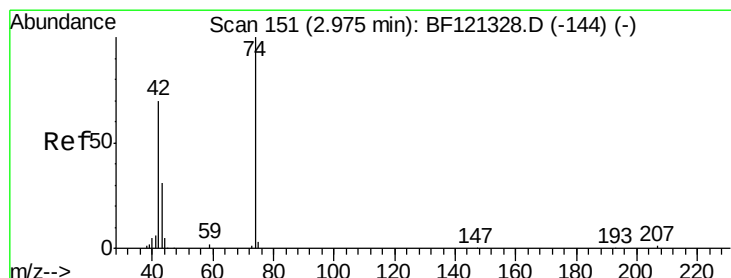
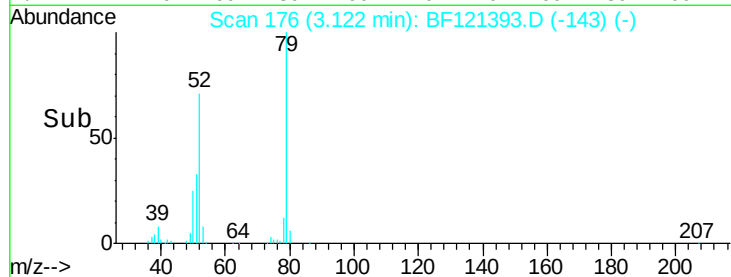
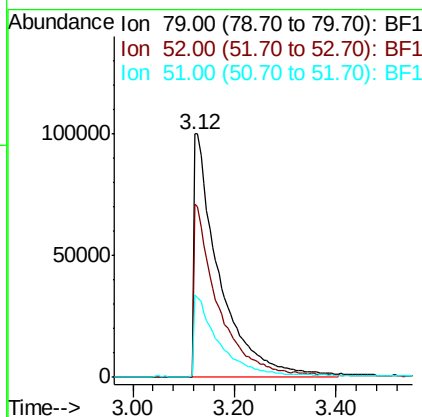
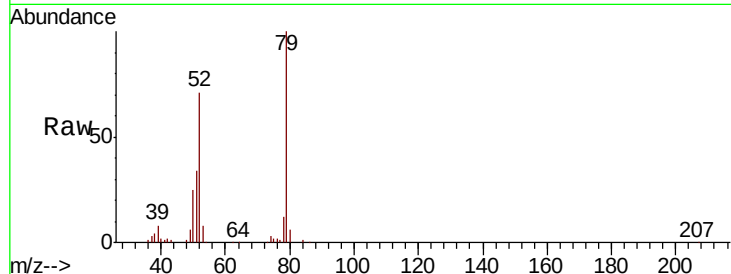
ClientSampled :

PB131098BS

Tot Ion:	79	Resp:	350912
Ion Ratio	Lower	Upper	
79	100		
52	70.9	55.8	83.8
51	33.8	27.1	40.7

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#4

n-Nitrosodimethylamine

Concen: 38.617 ng

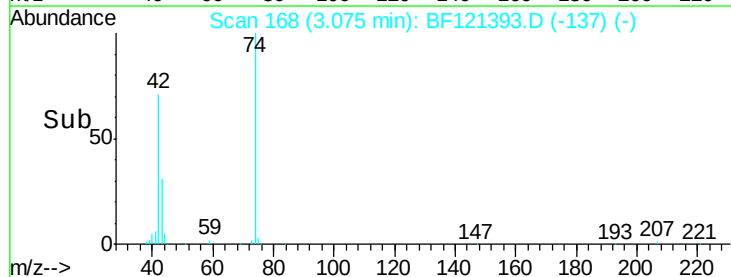
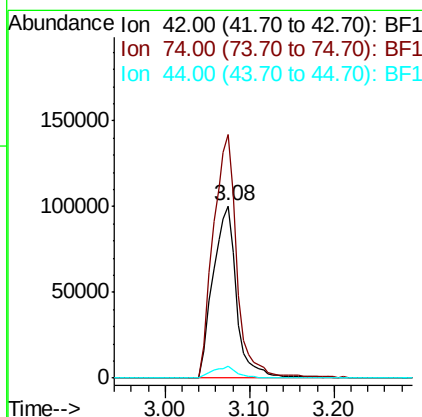
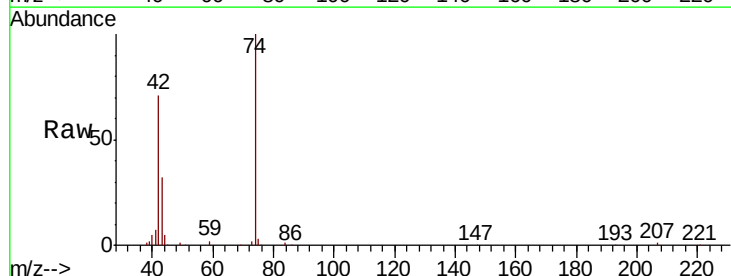
RT: 3.08 min Scan# 168

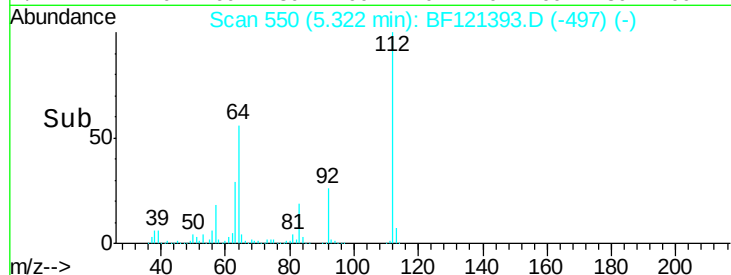
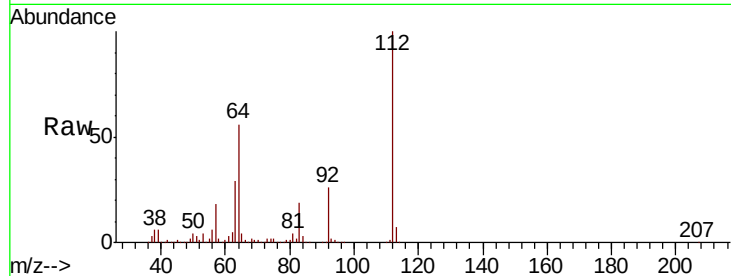
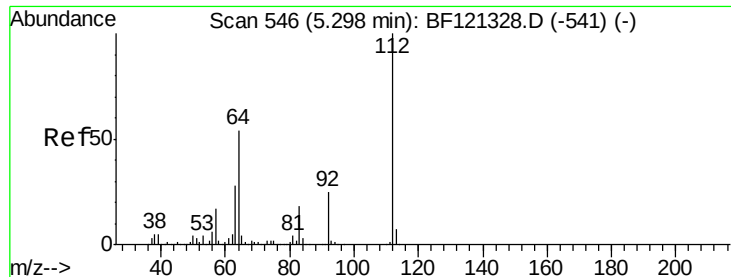
Delta R.T. 0.08 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:	42	Resp:	197561
Ion Ratio	Lower	Upper	
42	100		
74	141.4	114.6	171.8
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 93.201 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		964544		
64	56.1	42.2	63.4		
63	29.4	21.4	32.2		

Instrument :

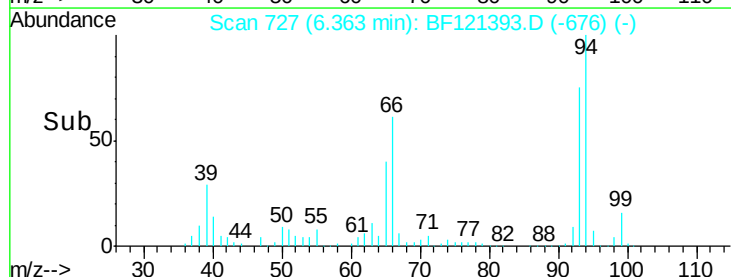
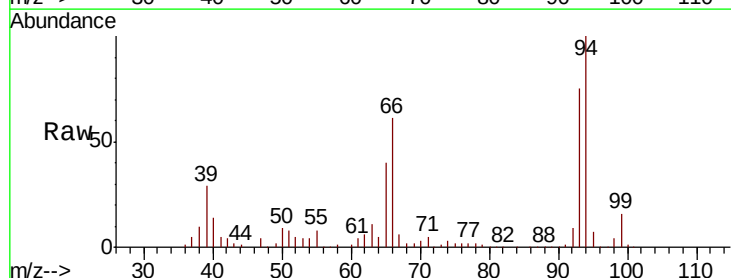
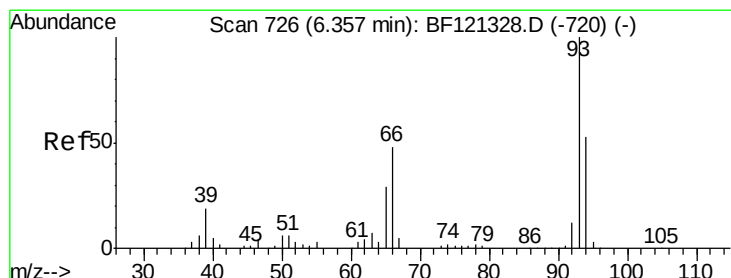
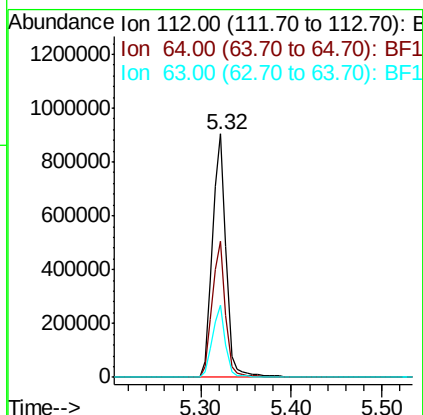
BNA_F

ClientSampleId :

PB131098BS

Manual Integrations
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#6

Aniline

Concen: 30.645 ng

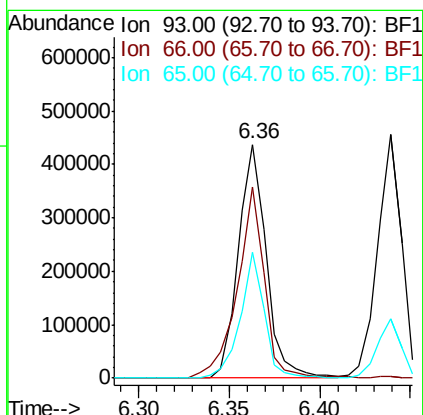
RT: 6.36 min Scan# 727

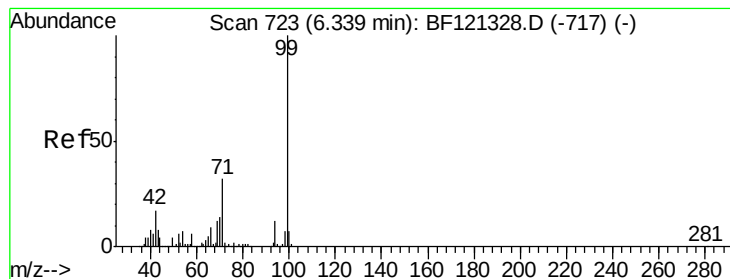
Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		467492		
66	81.9	63.2	94.8		
65	54.0	42.1	63.1		





#7

Phenol-d6

Concen: 86.112 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion: 99 Resp: 1137673

Ion Ratio Lower Upper

99 100

42 18.0 13.9 20.9

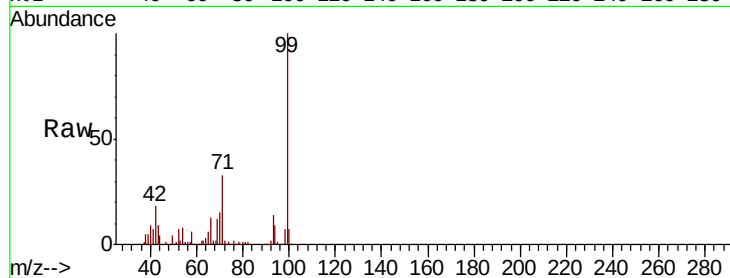
71 32.6 25.5 38.3

Manual Integrations

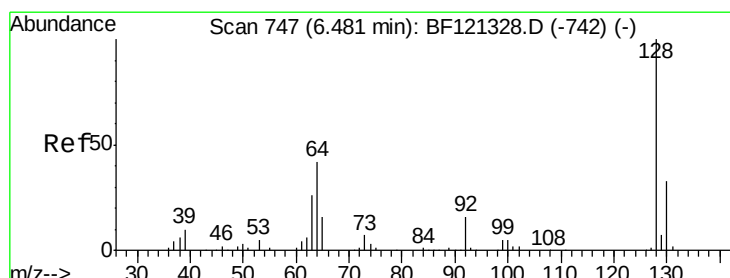
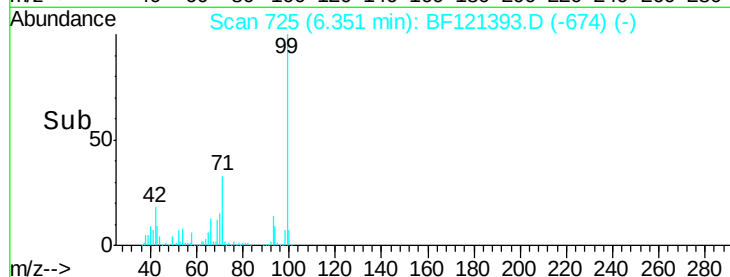
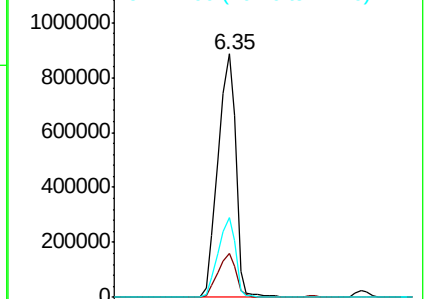
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.128 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

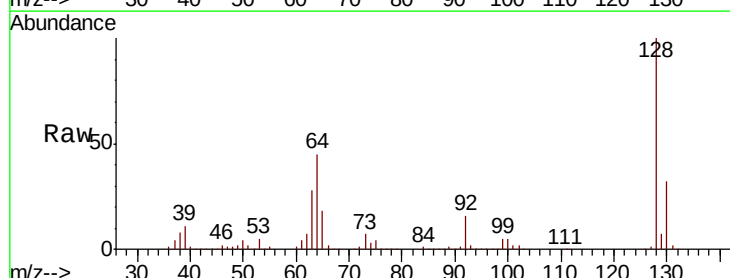
Tgt Ion: 128 Resp: 444868

Ion Ratio Lower Upper

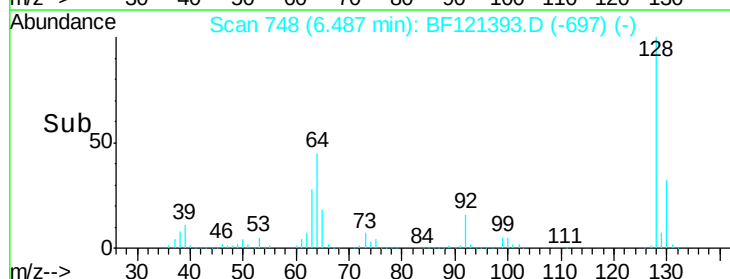
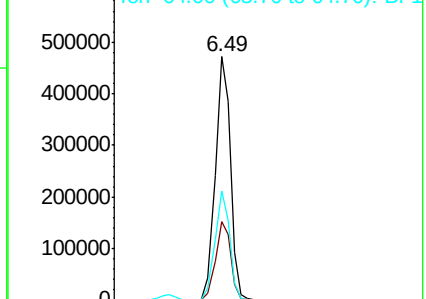
128 100

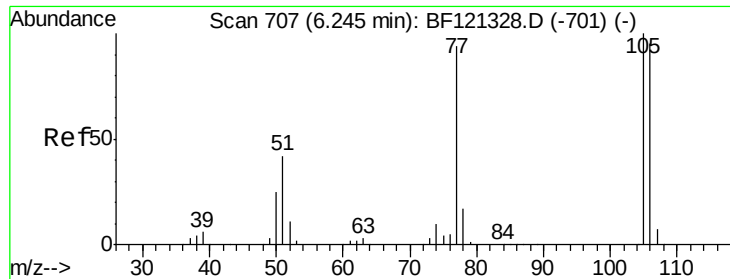
130 32.4 11.8 51.8

64 45.1 26.3 66.3



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





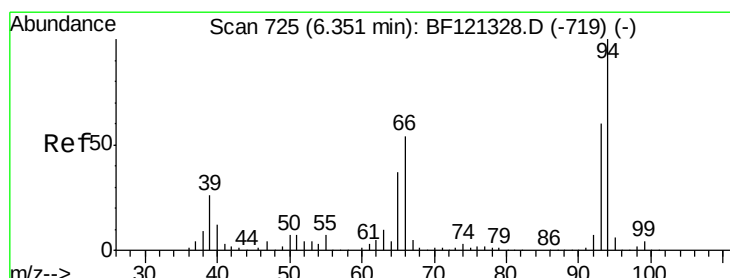
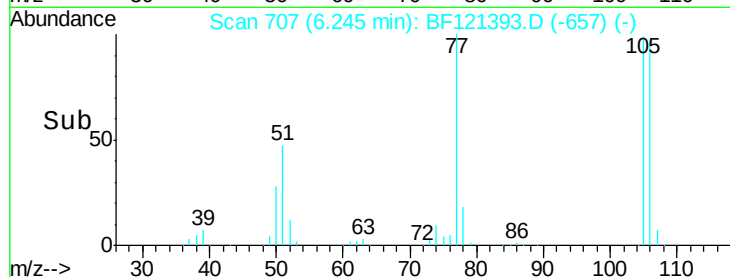
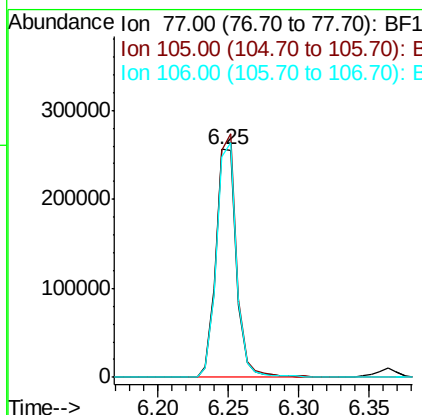
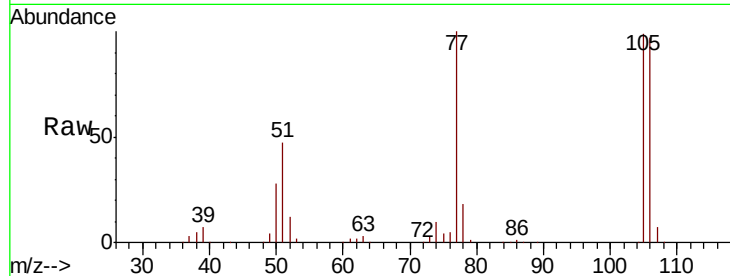
#9
Benzaldehyde
Concen: 35.177 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	84.3	124.3
106	96.9	81.3	121.3

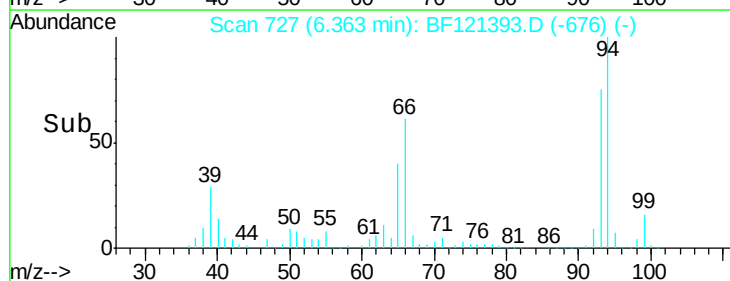
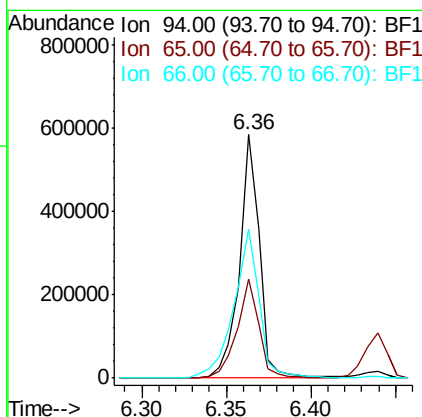
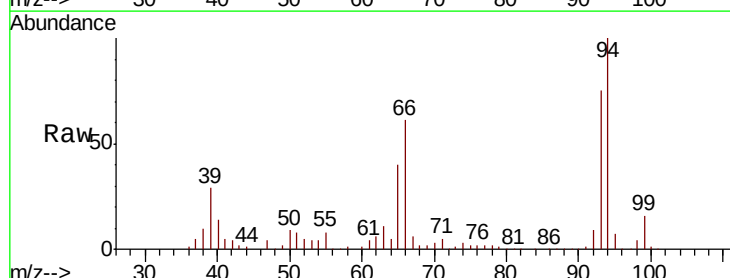
Manual Integrations
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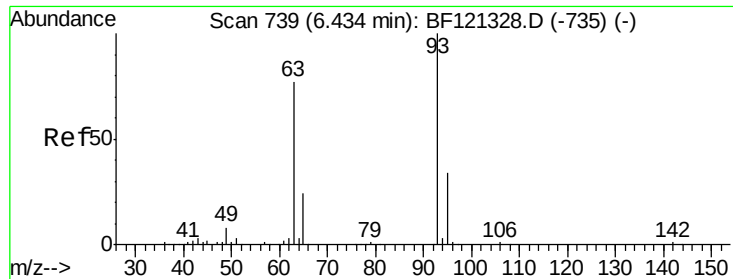
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#10
Phenol
Concen: 34.860 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.4	20.4	60.4
66	61.3	40.6	80.6





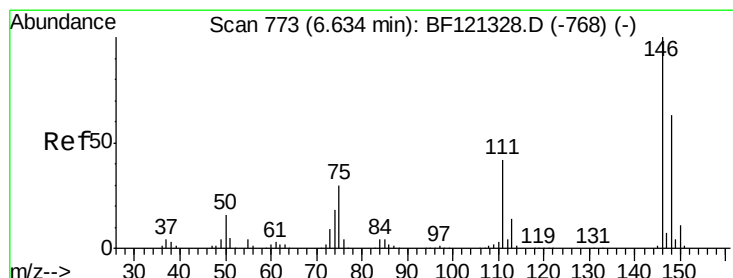
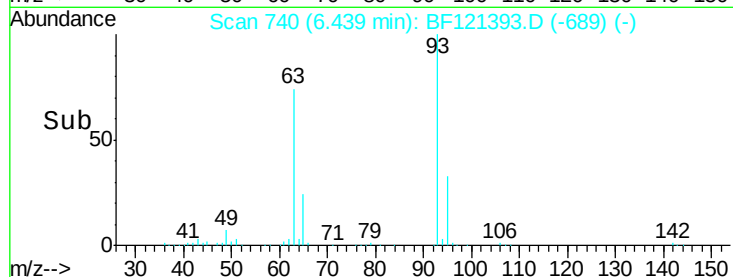
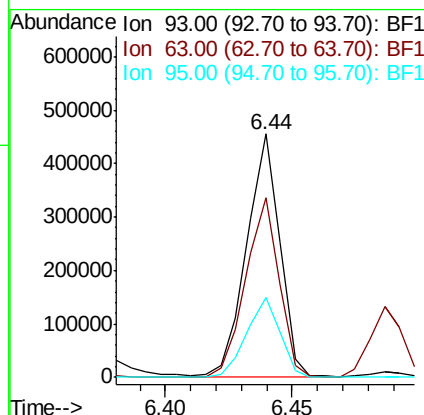
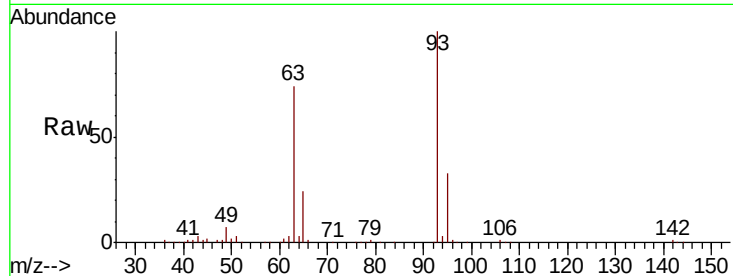
#11
bis(2-Chloroethyl)ether
Concen: 38.928 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		415320		
63	74.0		55.5	95.5	
95	32.7		12.4	52.4	

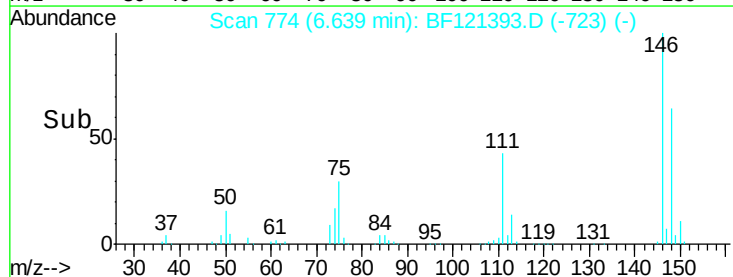
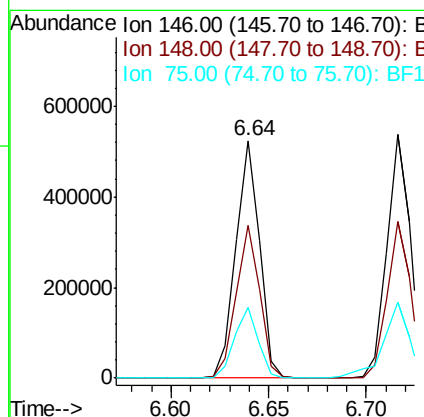
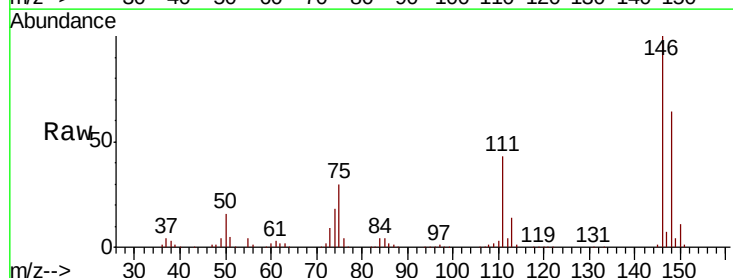
Manual Integrations
APPROVED

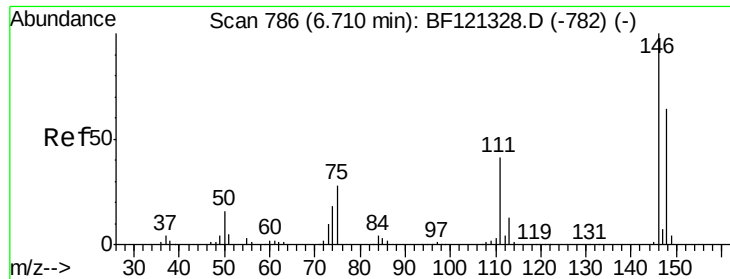
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.569 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		443166		
148	64.4		51.4	77.0	
75	29.9		24.0	36.0	





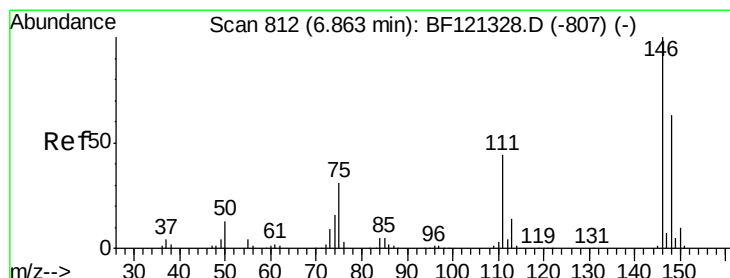
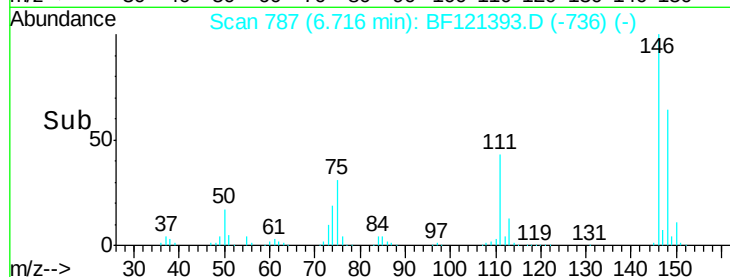
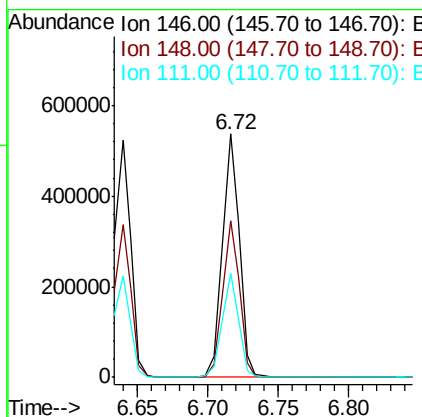
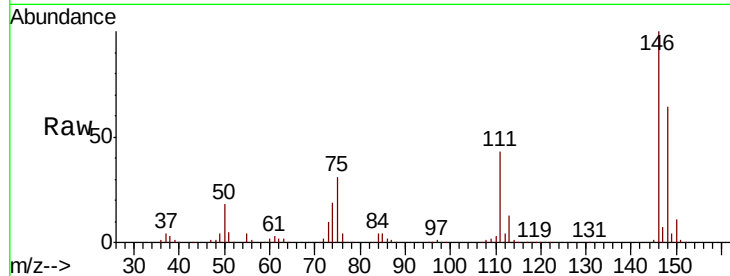
#13
 1,4-Dichlorobenzene
 Concen: 36.678 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	42.5	32.6	49.0

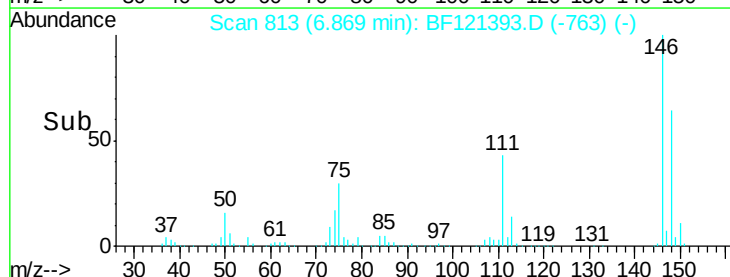
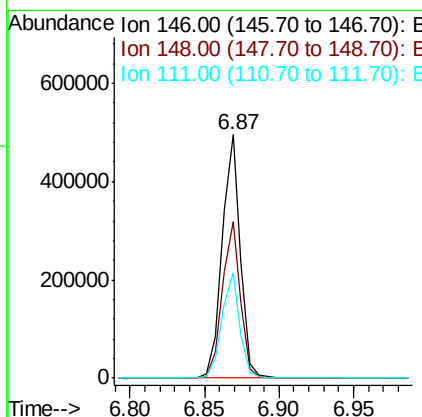
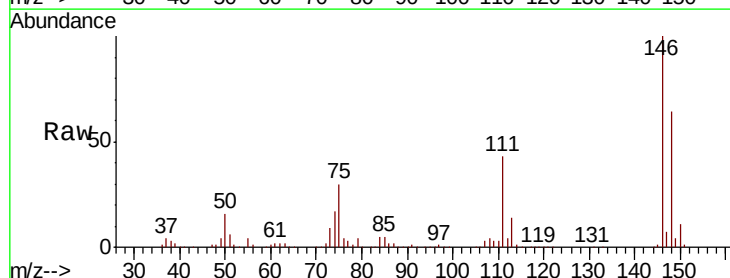
Manual Integrations
 APPROVED

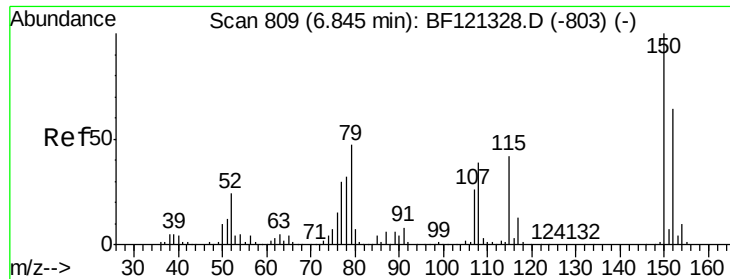
mohammad
 8/25/2020 4:18:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.557 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	43.3	32.8	49.2





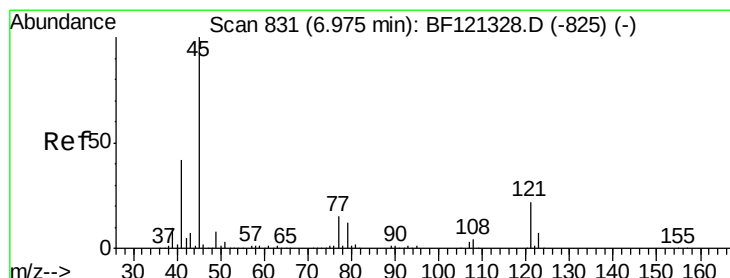
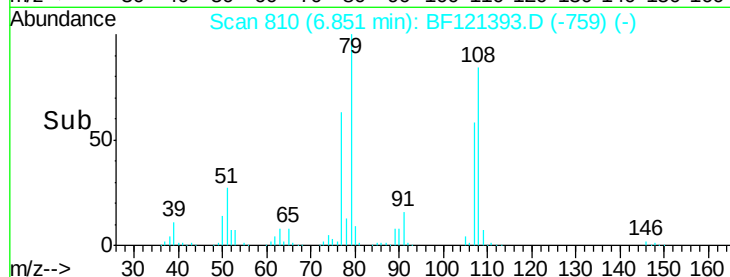
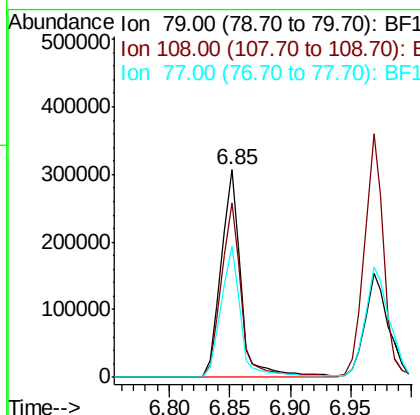
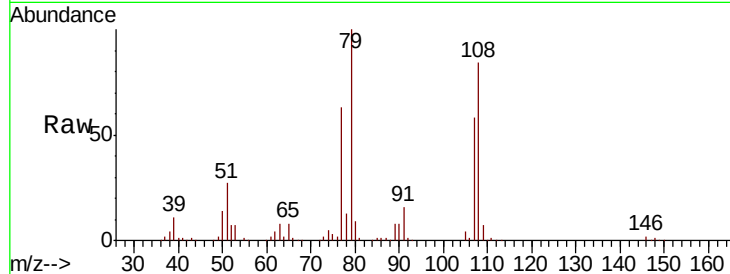
#15
Benzyl Alcohol
Concen: 44.095 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.9	62.3	93.5	
77	62.8	50.5	75.7	

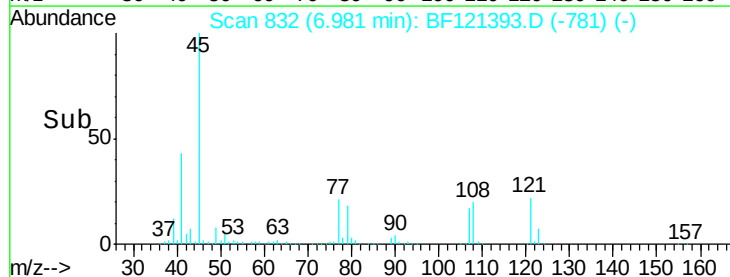
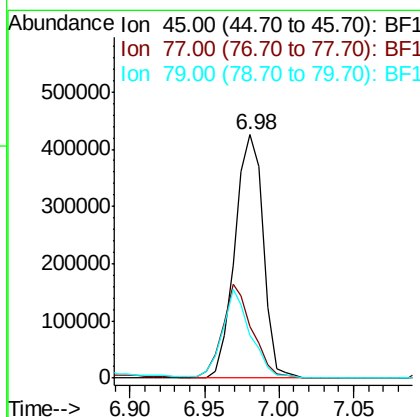
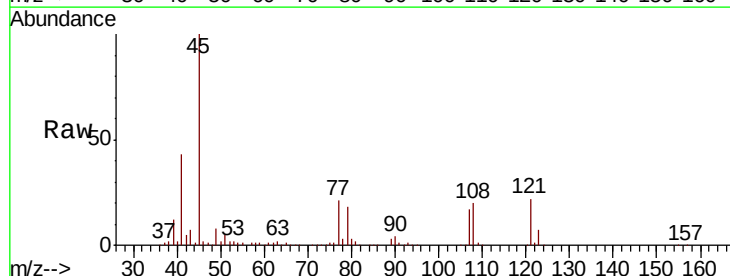
Manual Integrations
APPROVED

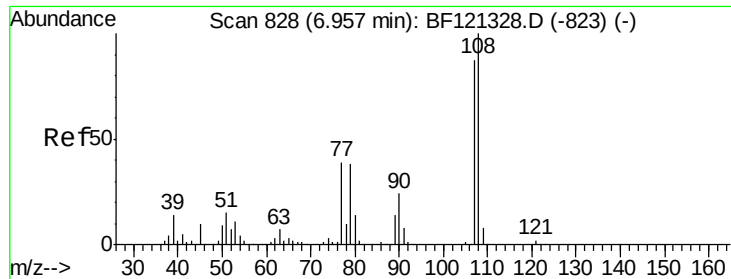
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.957 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	21.1	0.7	40.7	
79	17.7	0.0	37.1	





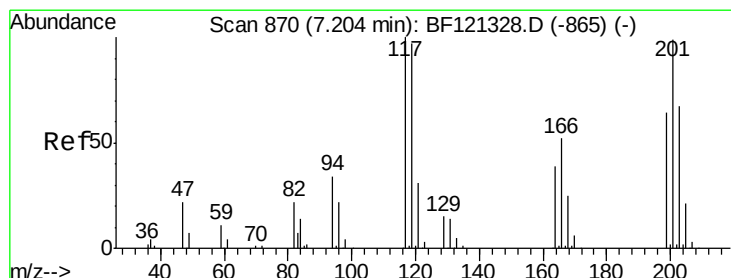
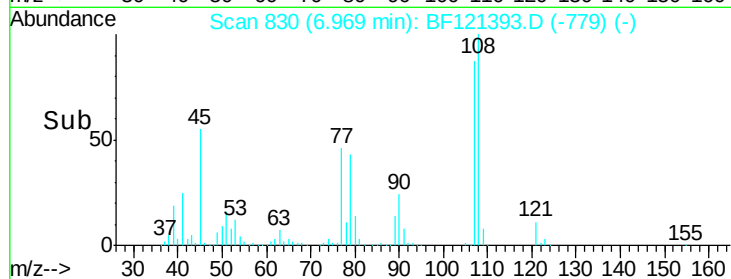
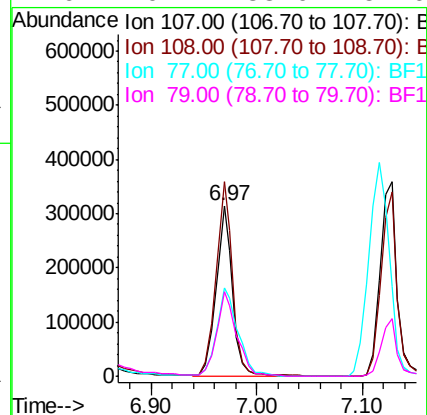
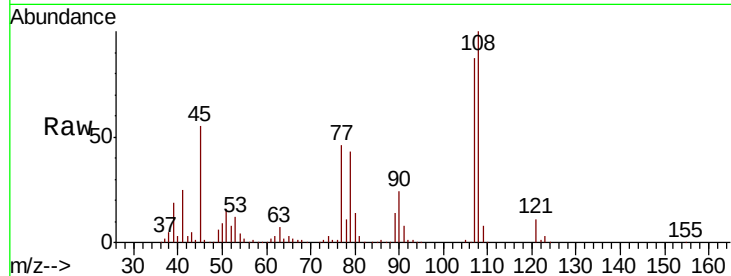
#17
2-Methylphenol
Concen: 38.586 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.5	137.3	
77	52.1	40.1	60.1	
79	49.2	38.0	57.0	

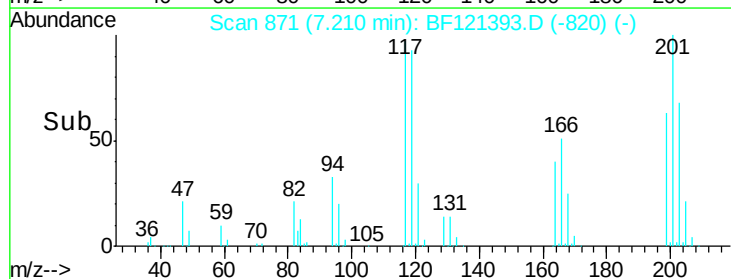
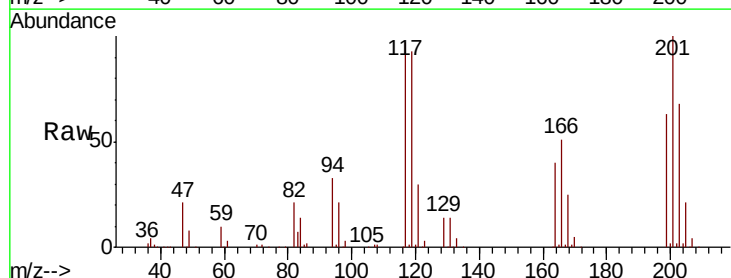
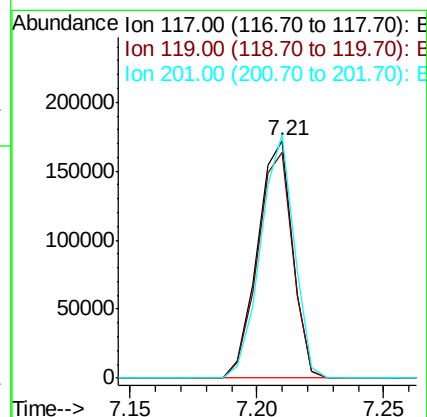
Manual Integrations
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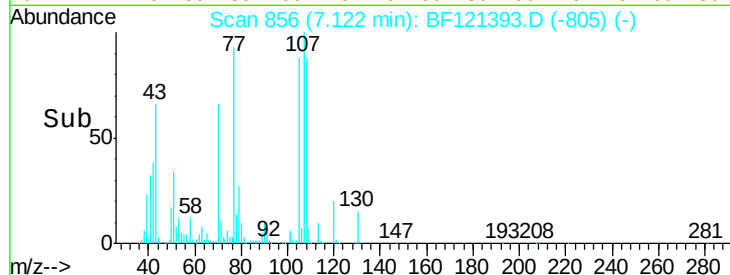
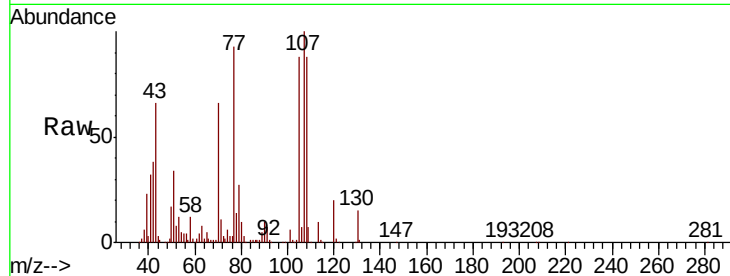
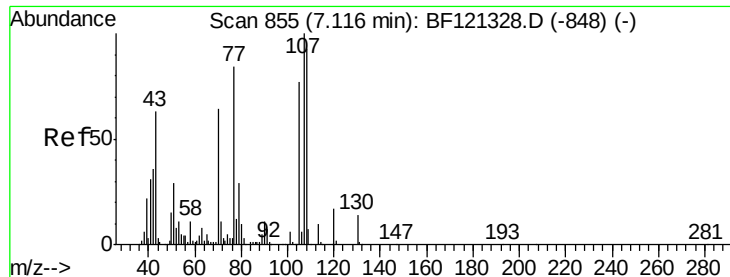
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#18
Hexachloroethane
Concen: 36.471 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.0	115.6	
201	102.6	80.6	120.8	





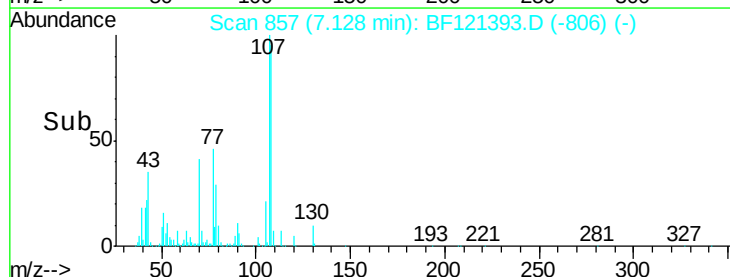
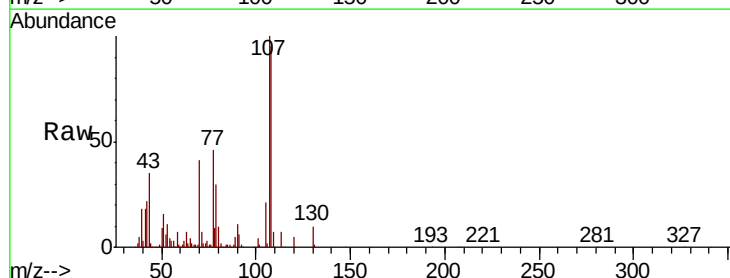
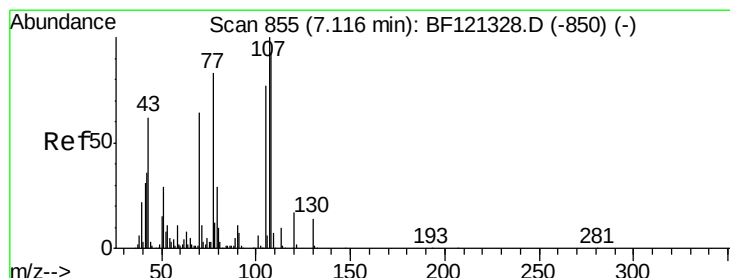
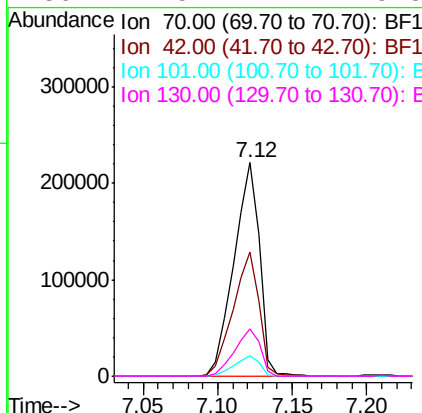
#19
n-Nitroso-di-n-propylamine
Concen: 37.595 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.9	70.3
101	9.8	7.7	11.5
130	22.5	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
PB131098BS

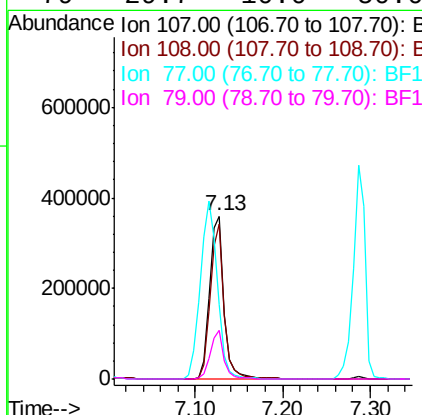
Manual Integrations
APPROVED

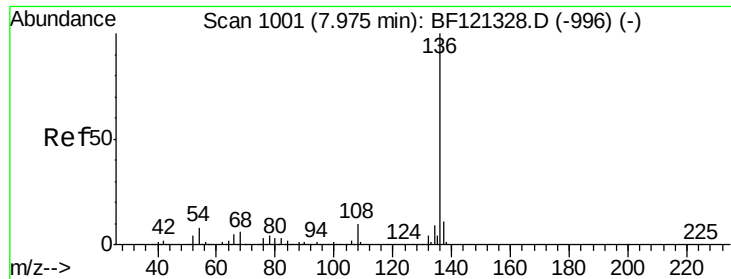
mohammad
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#20
3+4-Methylphenols
Concen: 46.233 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	76.0	116.0
77	45.9	26.5	66.5
79	29.7	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

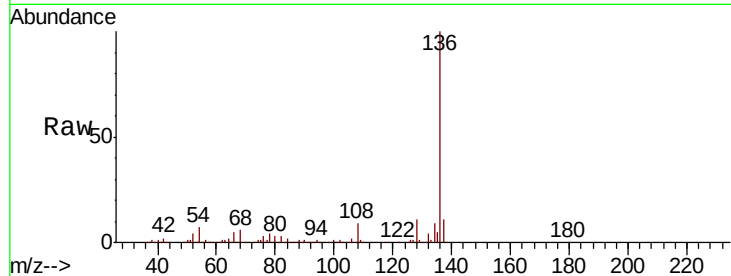
ClientSampleId :

PB131098BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		665153		
137	11.1		8.8	13.2	
54	7.0		5.8	8.6	
68	5.7		4.7	7.1	

Manual Integrations
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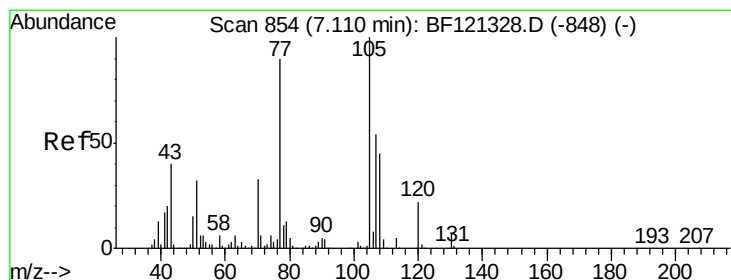
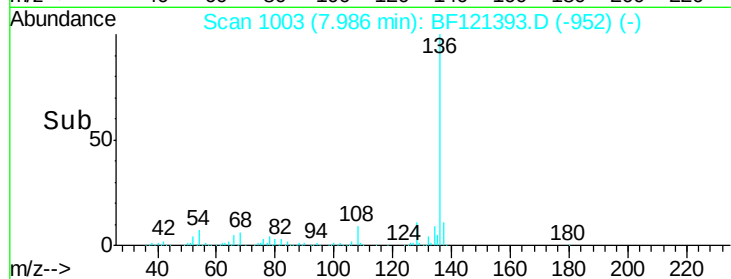
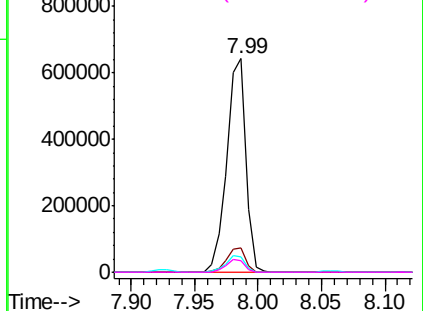


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.013 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

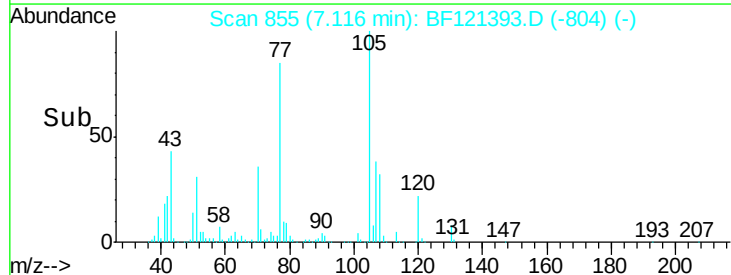
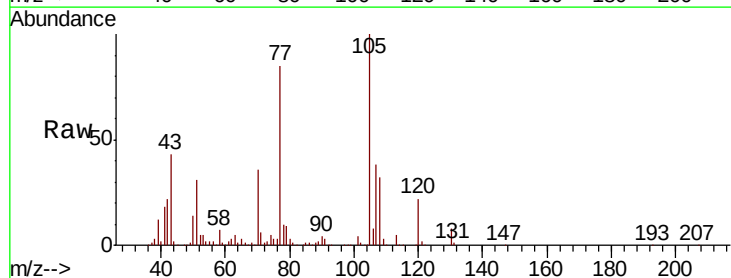
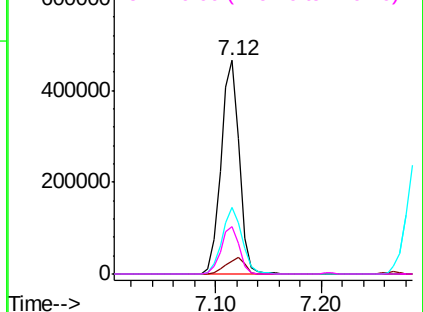
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		560030		
71	6.1		3.5	5.3#	
51	30.9		23.9	35.9	
120	22.4		17.9	26.9	

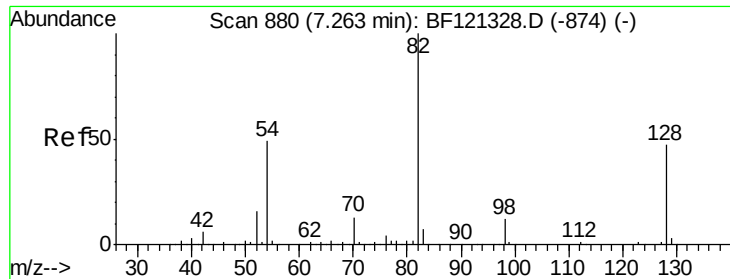
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





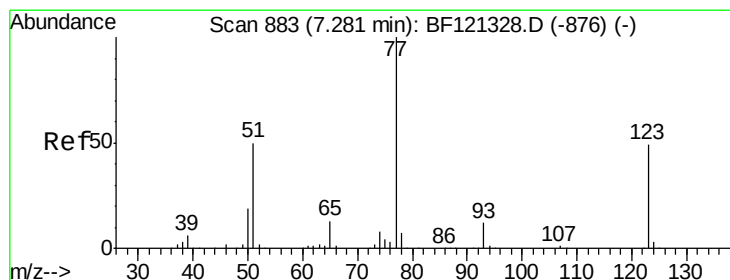
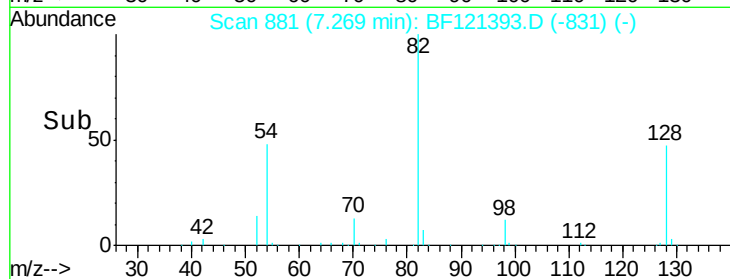
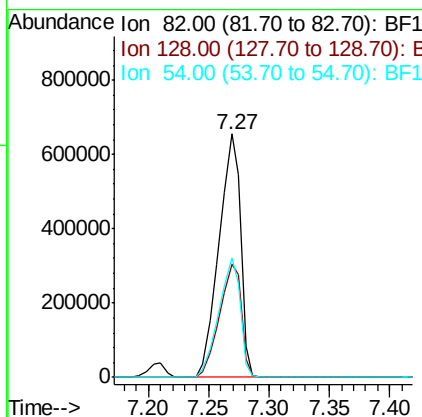
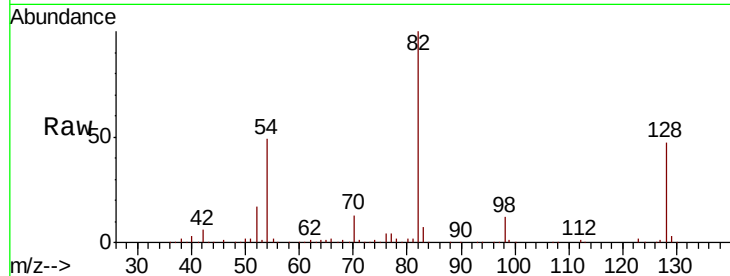
#23
Nitrobenzene-d5
Concen: 68.760 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	38.4	57.6	
54	49.3	39.0	58.6	

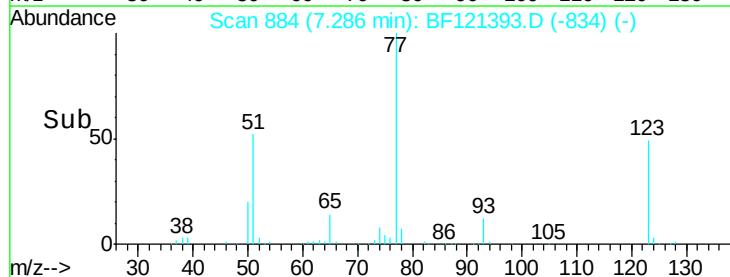
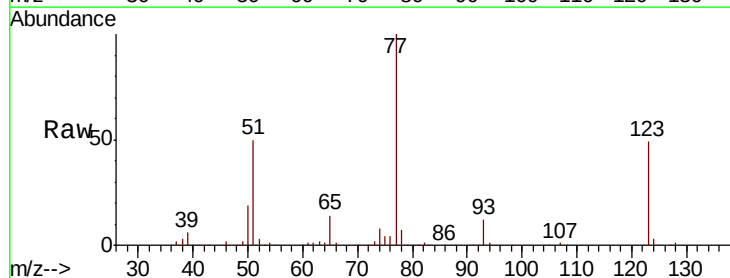
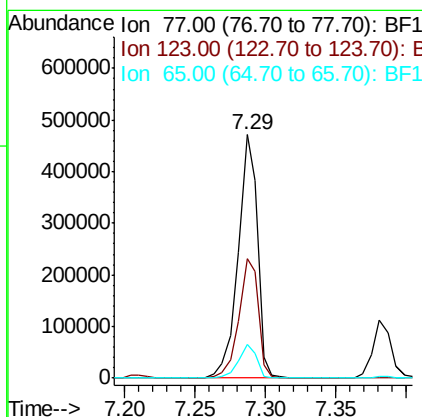
Manual Integrations
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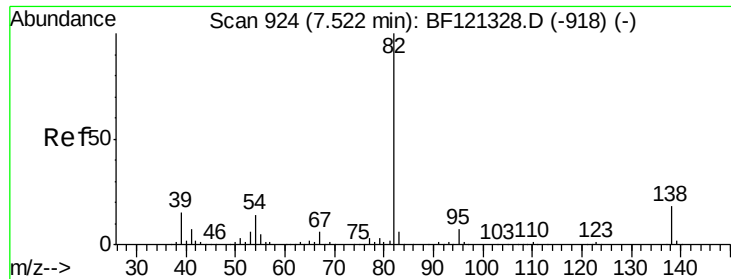
mohammad
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#24
Nitrobenzene
Concen: 37.371 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	42.0	63.0	
65	13.6	10.4	15.6	





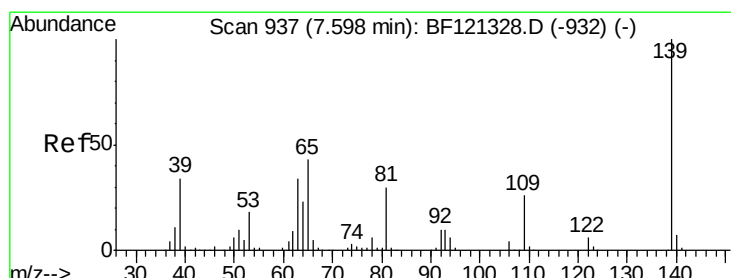
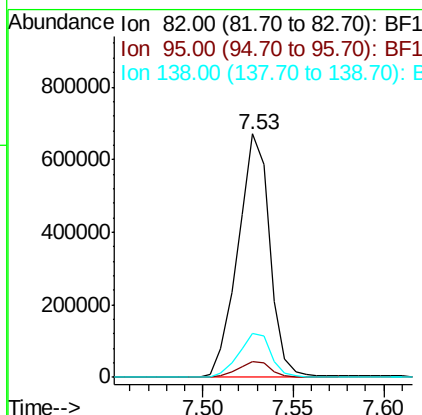
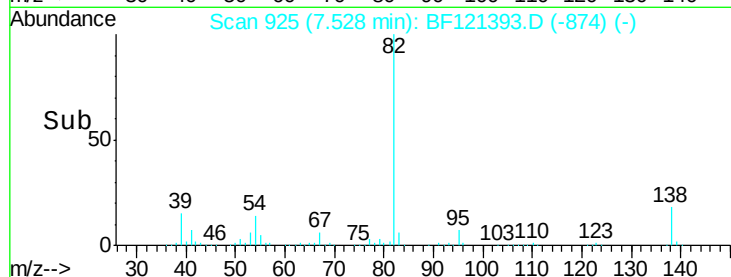
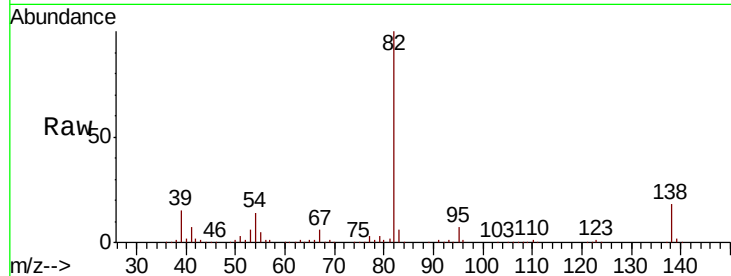
#25
Isophorone
Concen: 38.210 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	817807		
95	6.7		5.3	7.9
138	18.3		15.0	22.6

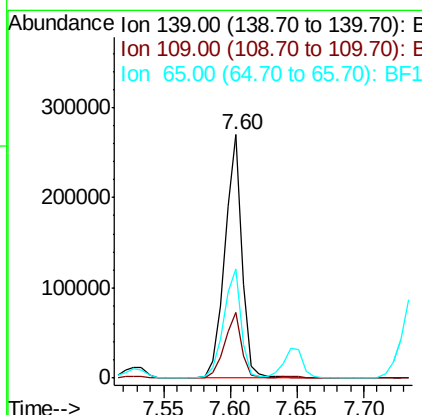
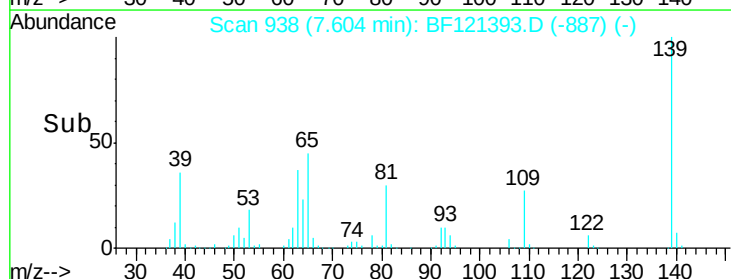
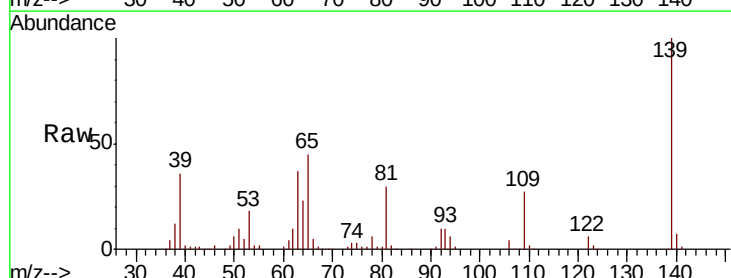
Manual Integrations
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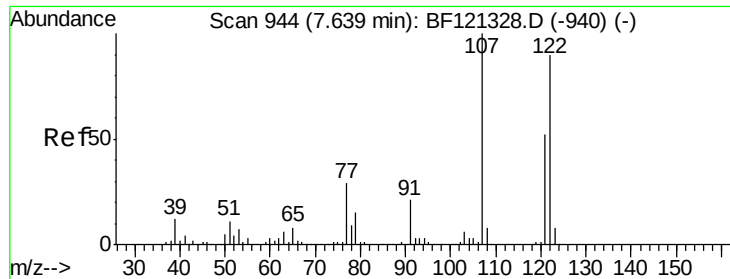
mohammad
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#26
2-Nitrophenol
Concen: 39.679 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	243929		
109	27.0		21.2	31.8
65	44.8		37.0	55.6





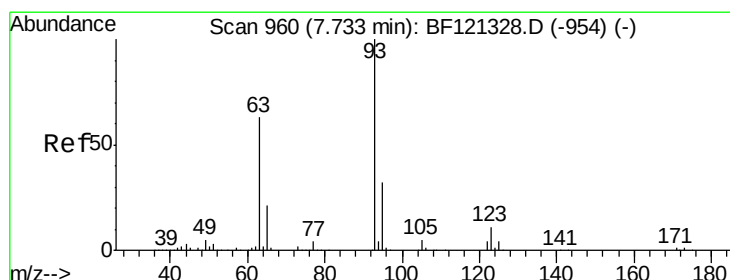
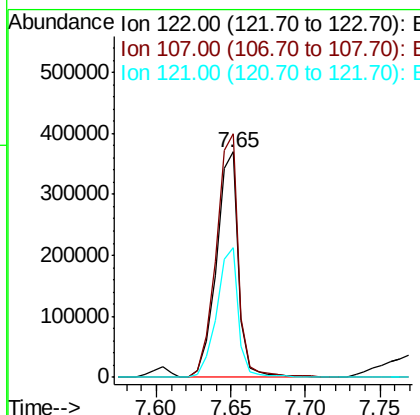
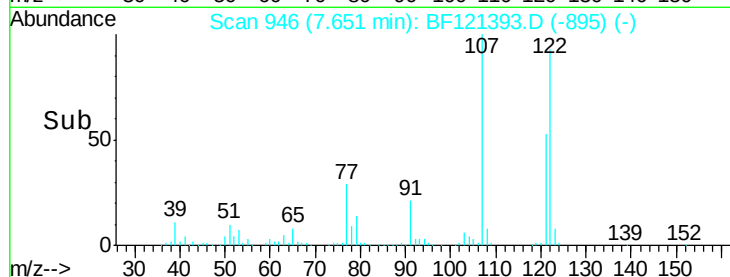
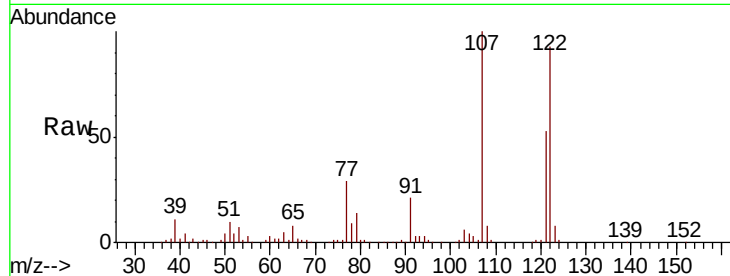
#27
 2,4-Dimethylphenol
 Concen: 43.375 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleID :
 PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	380487		
107	107.9	85.1	127.7	
121	57.5	44.9	67.3	

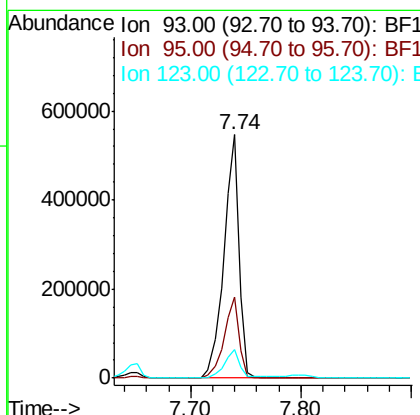
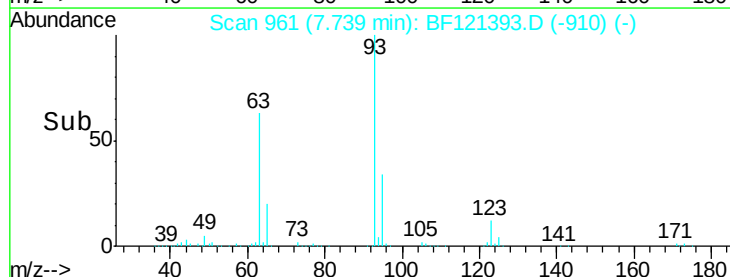
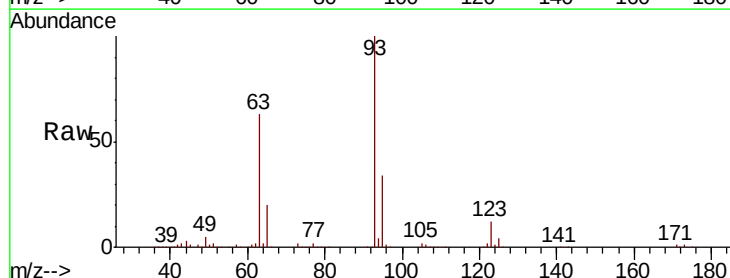
Manual Integrations
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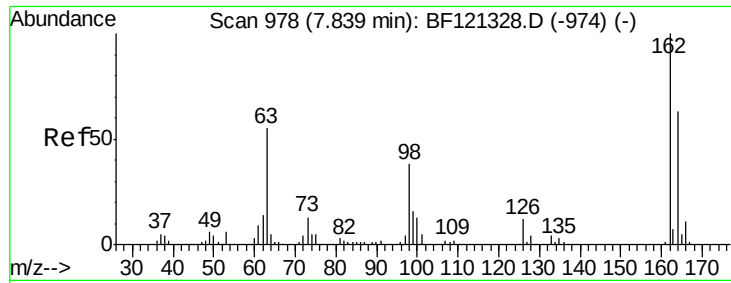
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.920 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	523349		
95	33.5	26.6	39.8	
123	11.9	9.4	14.0	





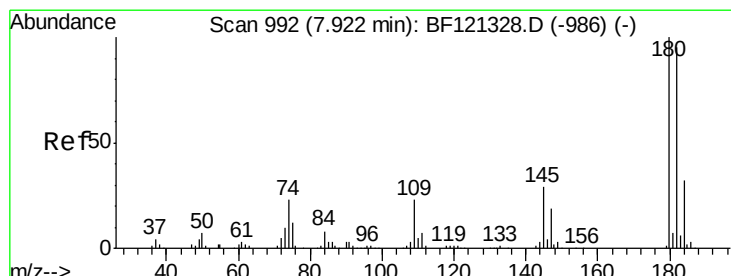
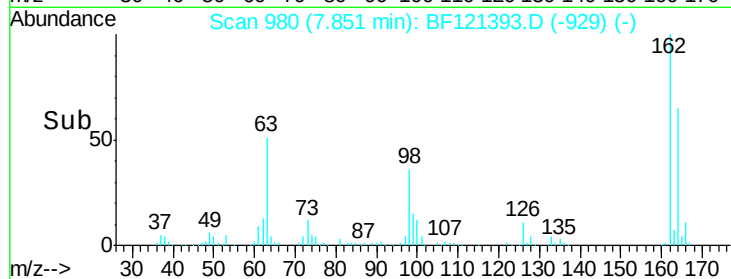
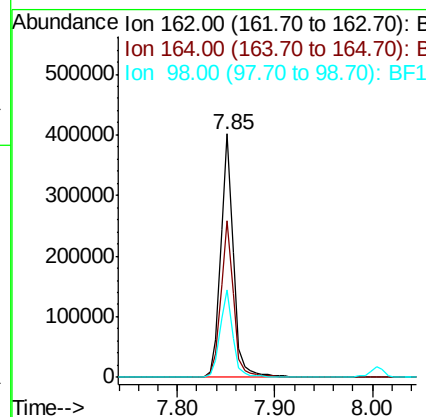
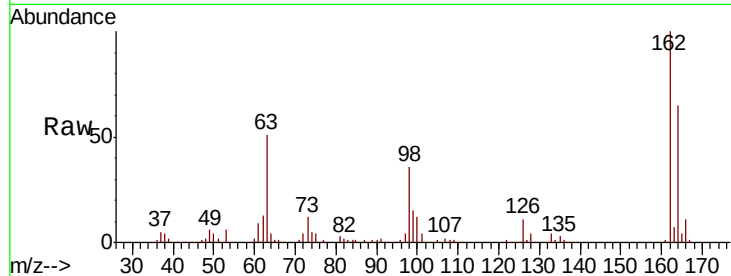
#29
2,4-Dichlorophenol
Concen: 37.950 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		363455		
164	64.6	44.3	84.3		
98	35.8	16.1	56.1		

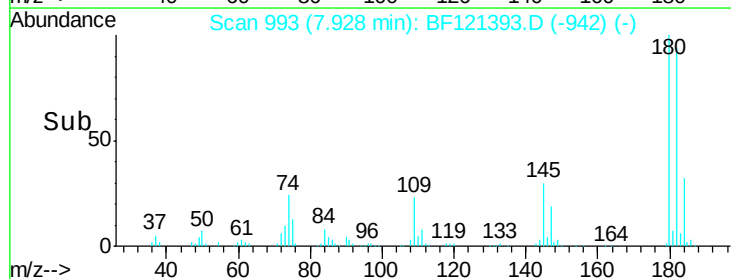
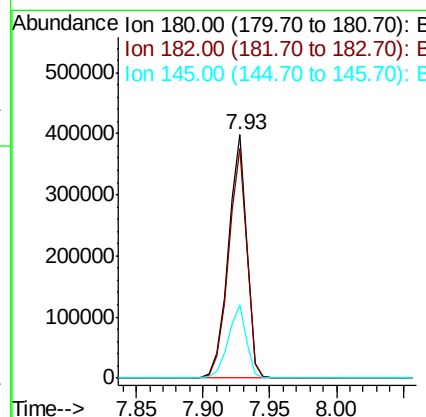
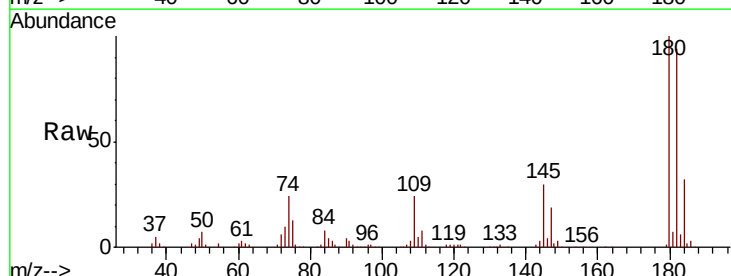
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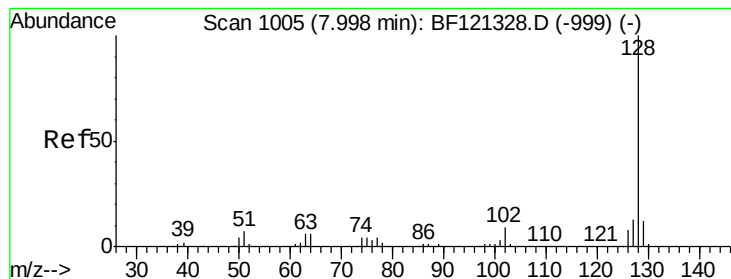
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.553 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		389374		
182	94.5	75.0	112.6		
145	30.0	24.1	36.1		





#31

Naphthalene

Concen: 36.156 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion:128 Resp: 1196899

Ion Ratio Lower Upper

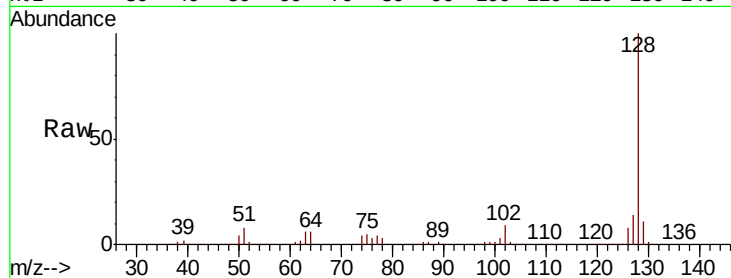
128 100

129 11.5 8.9 13.3

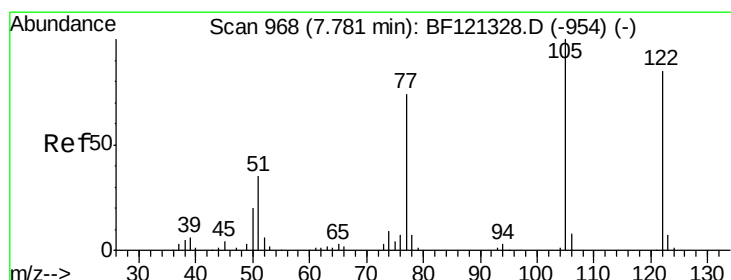
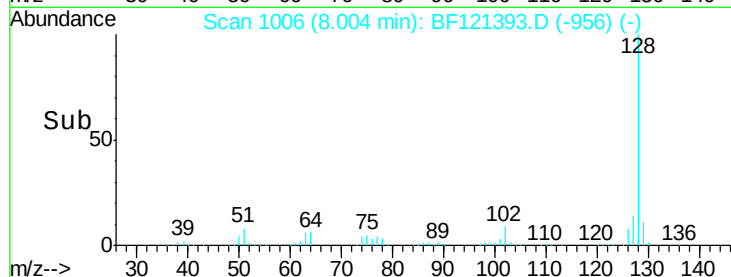
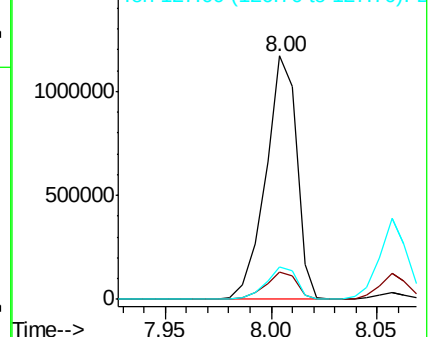
127 13.5 10.6 15.8

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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: 31.367 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

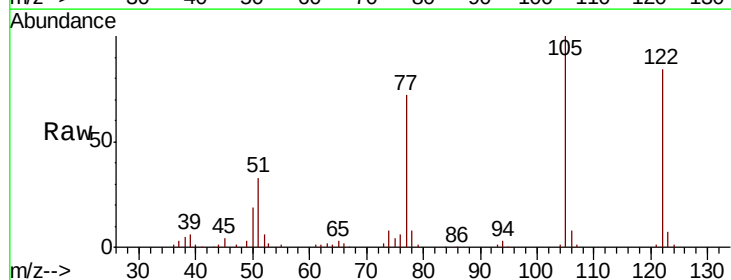
Tgt Ion:122 Resp: 195438

Ion Ratio Lower Upper

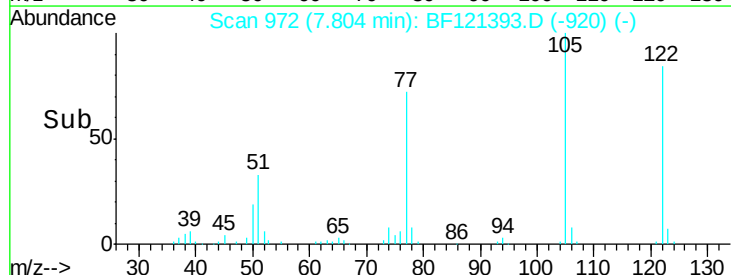
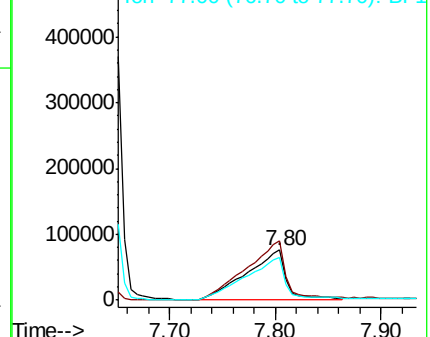
122 100

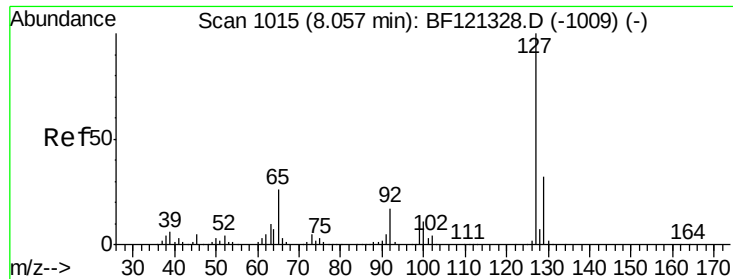
105 119.5 98.8 138.8

77 86.5 66.3 106.3



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





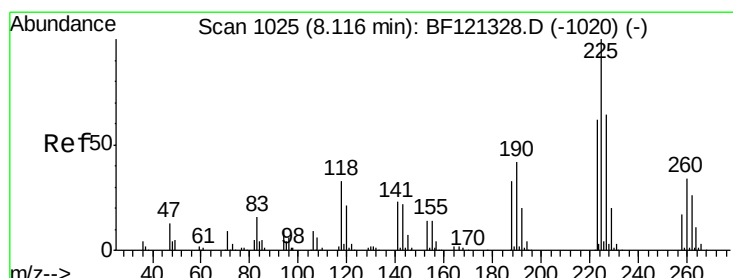
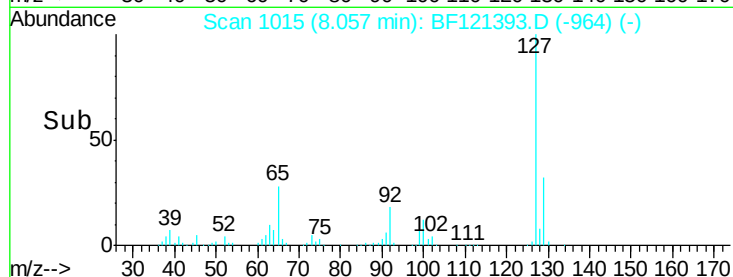
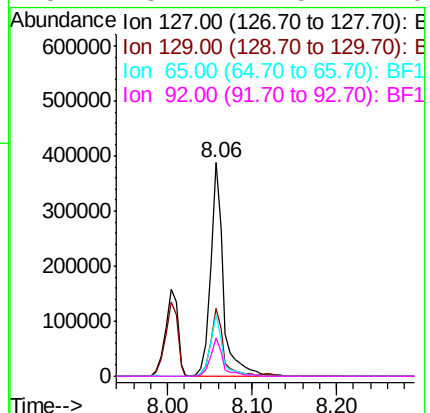
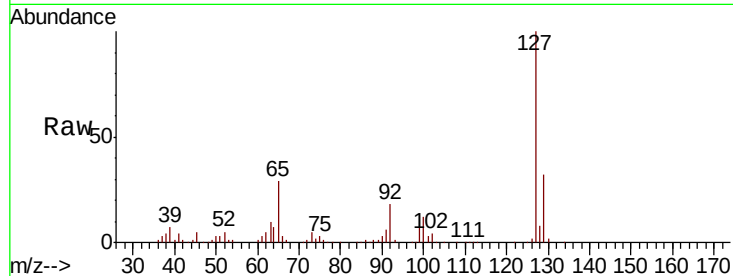
#33
4-Chloroaniline
Concen: 27.797 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		407474		
129	31.6	26.1	39.1		
65	28.9	23.7	35.5		
92	18.2	14.6	22.0		

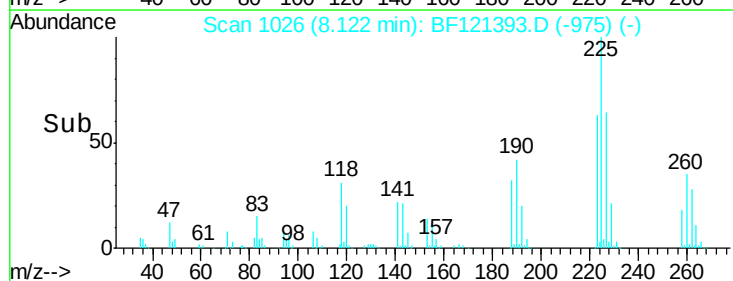
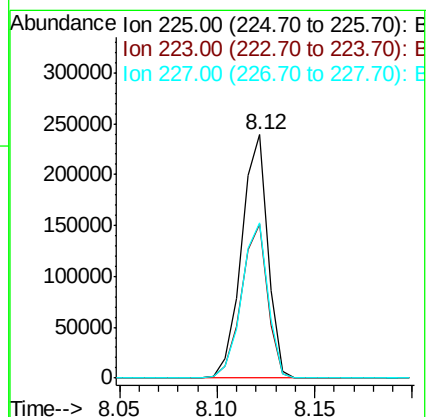
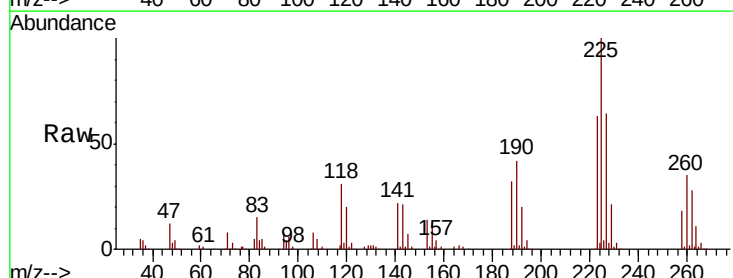
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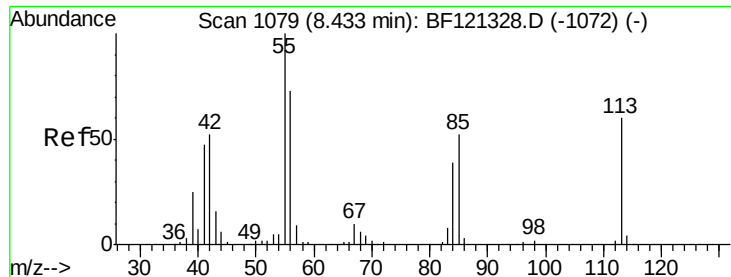
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#34
Hexachlorobutadiene
Concen: 34.424 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		223119		
223	63.5	51.2	76.8		
227	63.7	51.8	77.8		





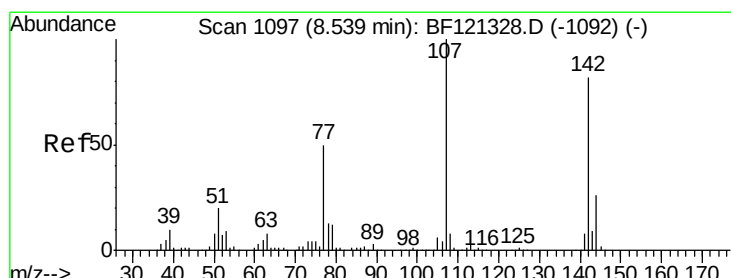
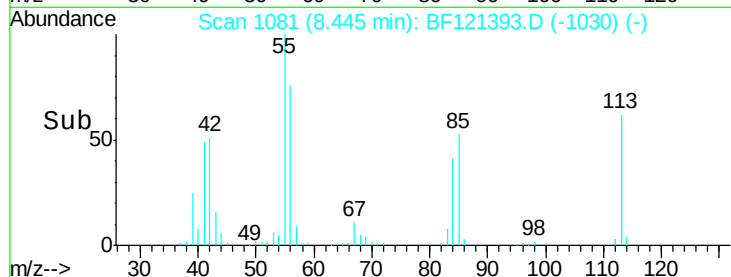
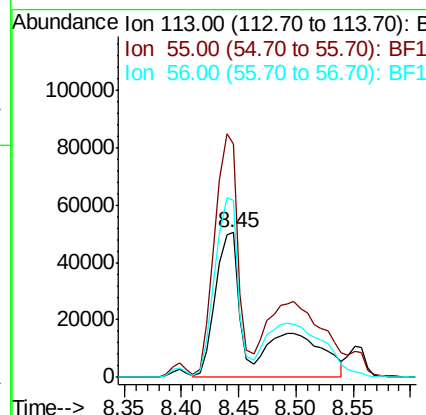
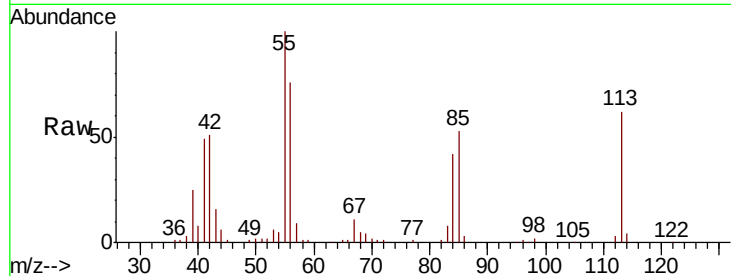
#35
Caprolactam
Concen: 39.845 ng/ml
RT: 8.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleID :
PB131098BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.7	147.4	187.4
56	122.2	102.7	142.7

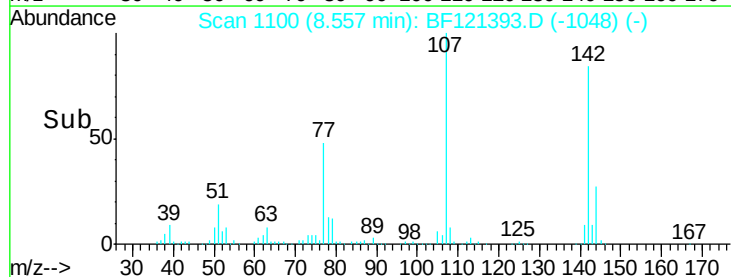
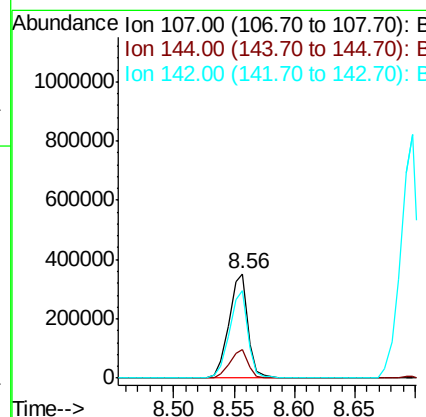
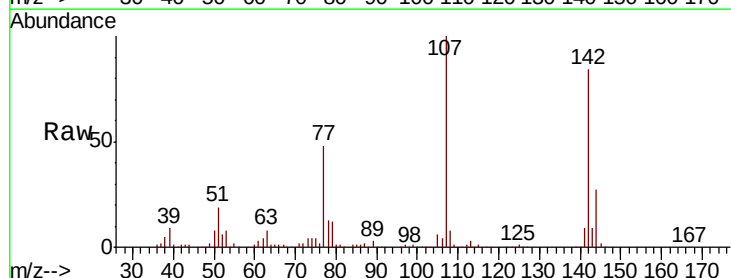
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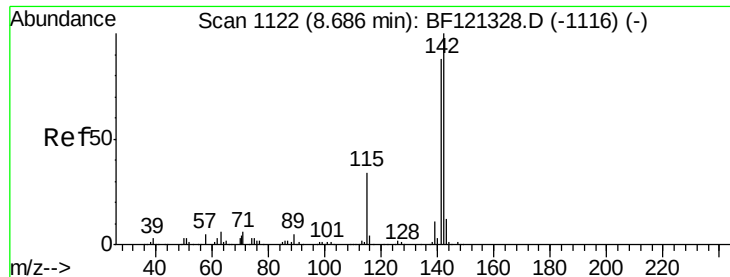
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#36
4-Chloro-3-methylphenol
Concen: 39.411 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.7	31.1
142	84.0	65.4	98.2





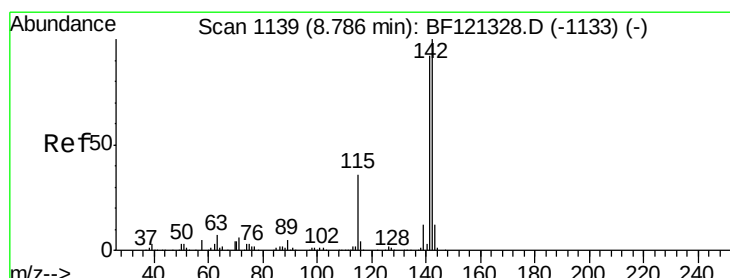
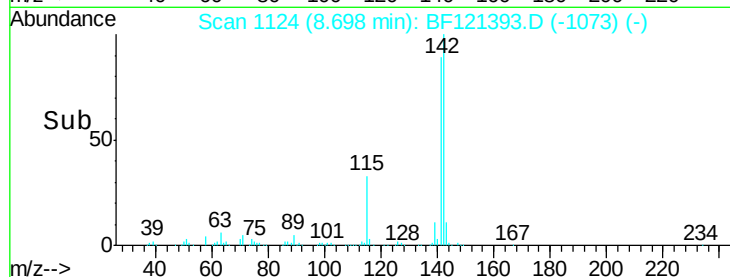
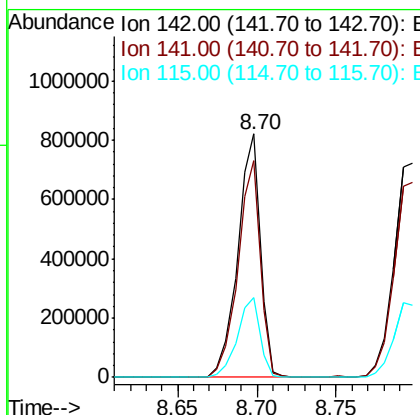
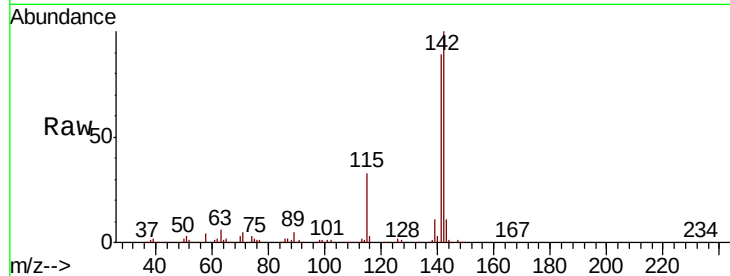
#37
2-Methylnaphthalene
Concen: 37.640 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	32.8	26.9	40.3

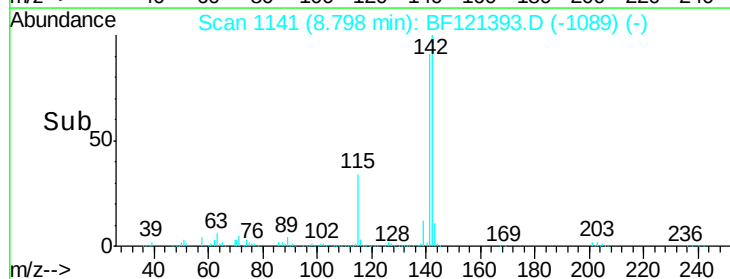
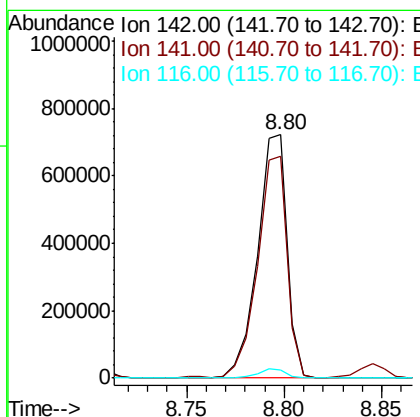
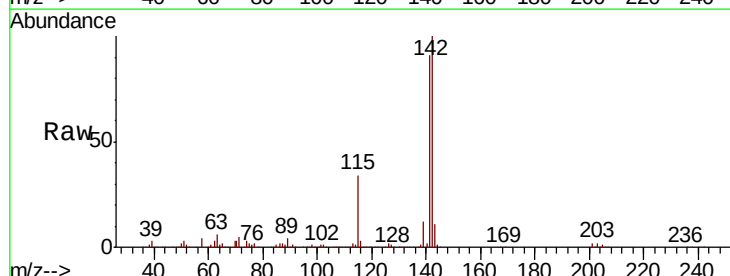
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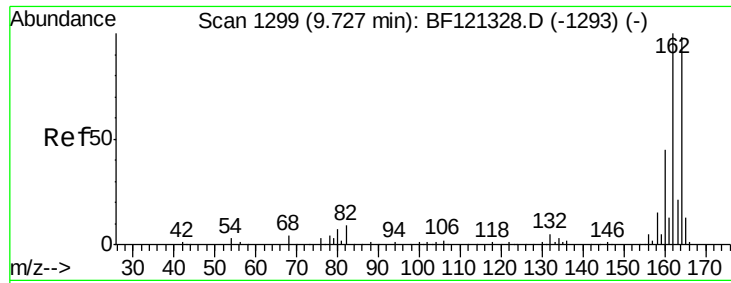
mohammad
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#38
1-Methylnaphthalene
Concen: 37.045 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.0	109.6
116	3.3	3.0	4.6





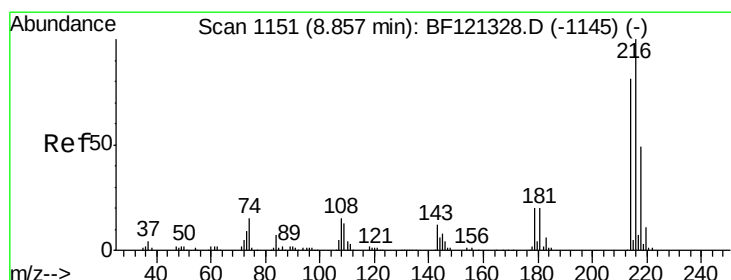
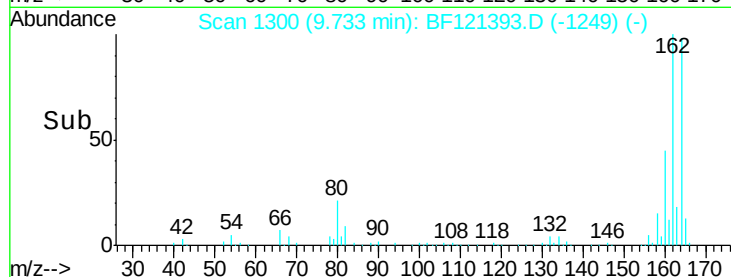
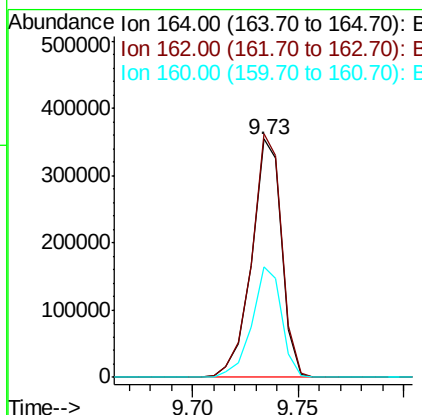
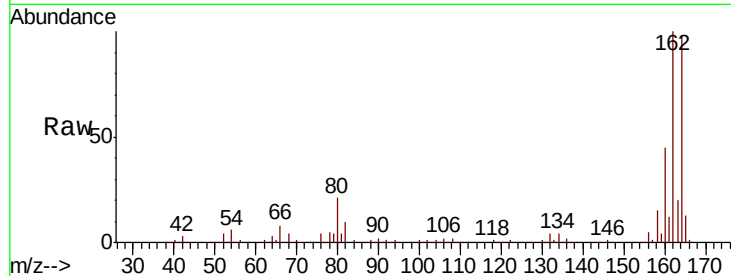
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.9	122.9	
160	46.3	37.1	55.7	

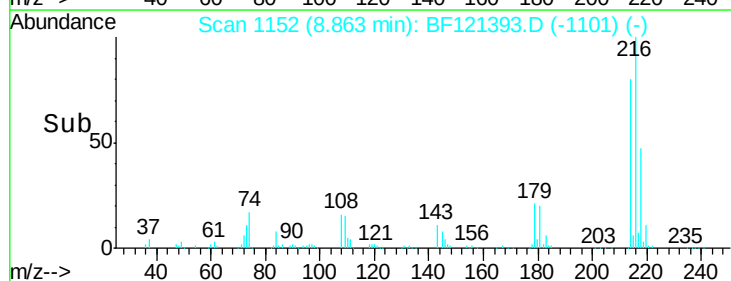
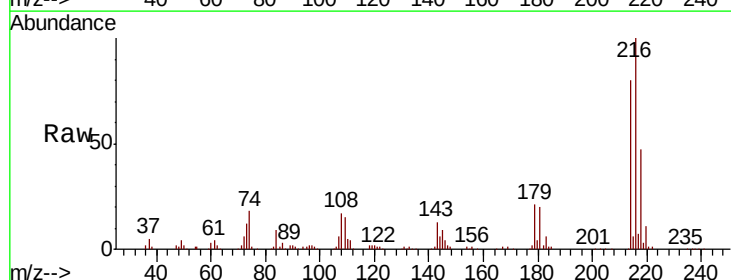
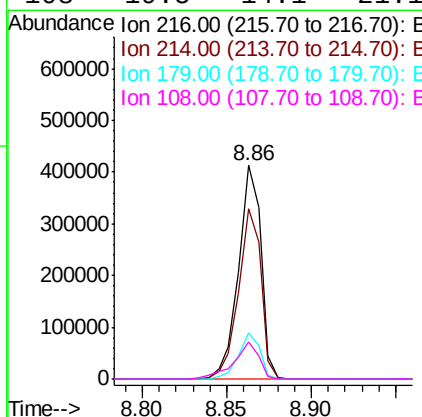
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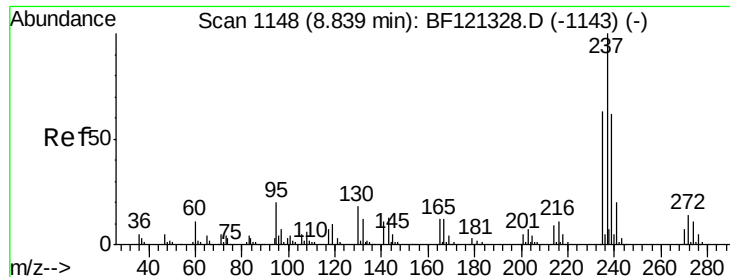
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.027 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.8	95.6	
179	20.5	16.6	24.8	
108	19.5	14.1	21.1	





#41

Hexachlorocyclopentadiene

Concen: 79.565 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

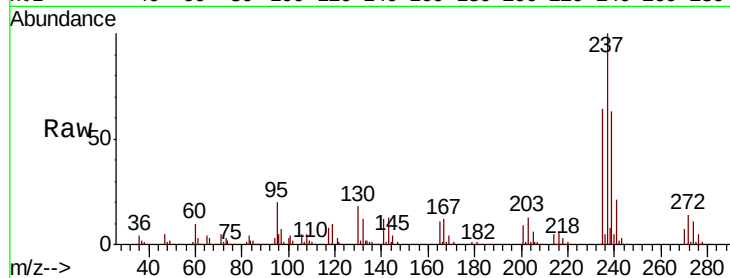
ClientSampleId :

PB131098BS

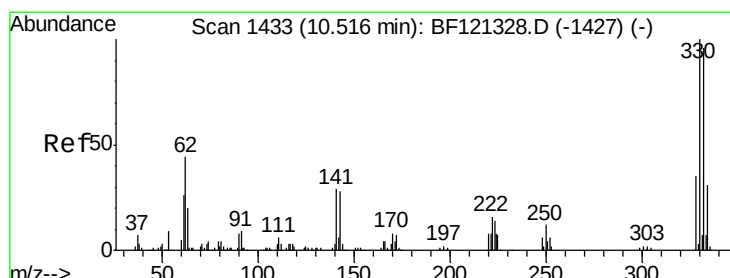
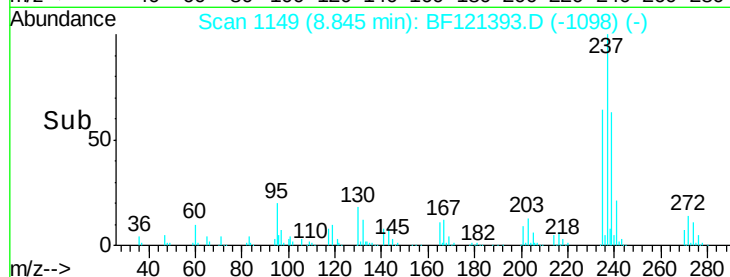
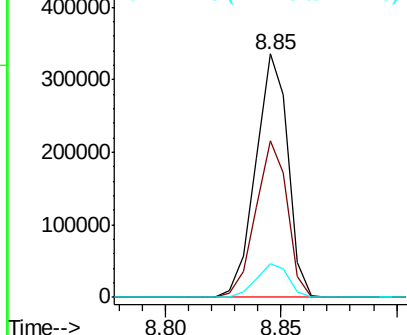
Tot Ion:	237	Resp:	326382
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.8	82.8
272	13.8	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 91.588 ng

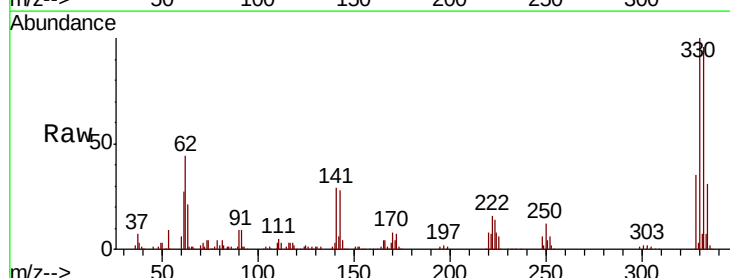
RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

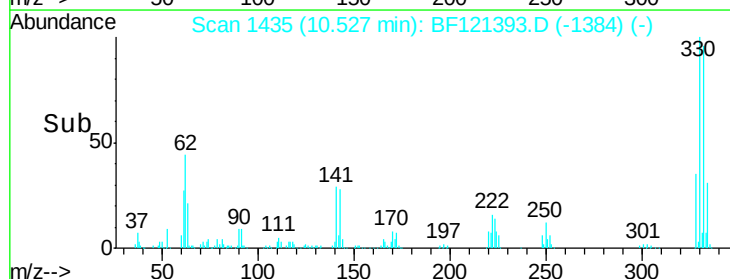
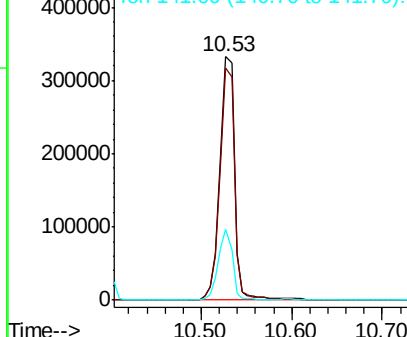
Lab File: BF121393.D

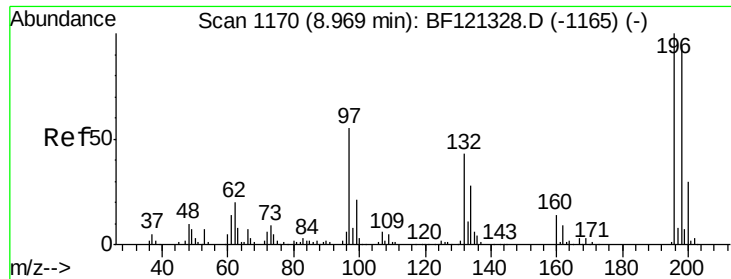
Acq: 24 Aug 2020 11:36

Tgt Ion:	330	Resp:	372628
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	28.3	22.8	34.2



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





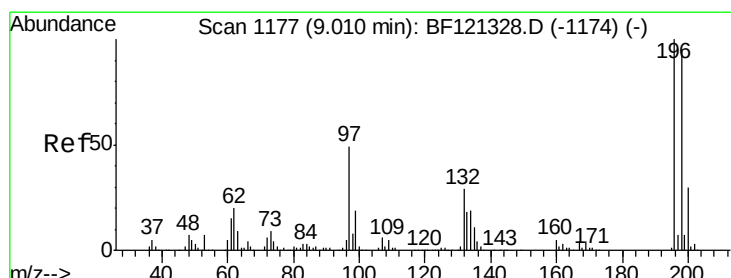
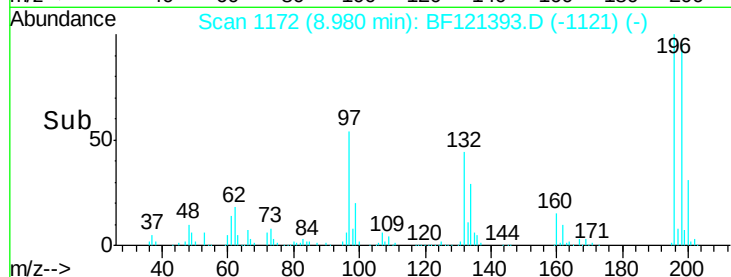
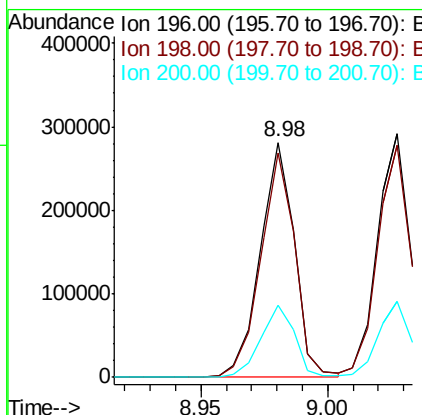
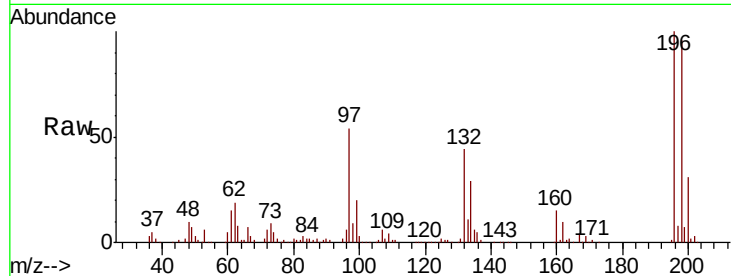
#43
 2,4,6-Trichlorophenol
 Concen: 37.508 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	265719		
198	95.6	76.6	114.8	
200	30.8	24.7	37.1	

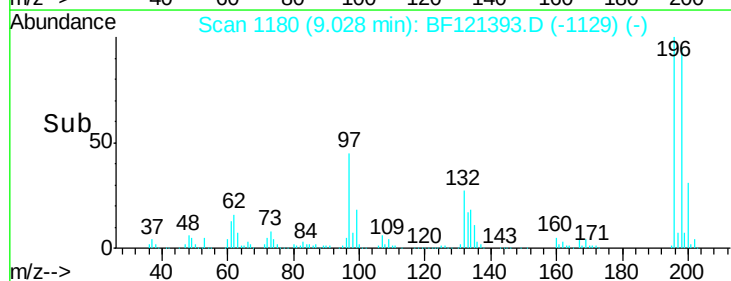
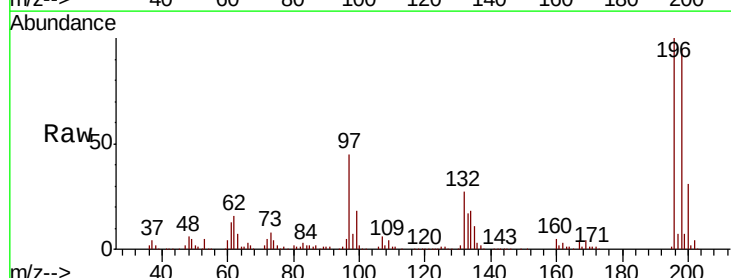
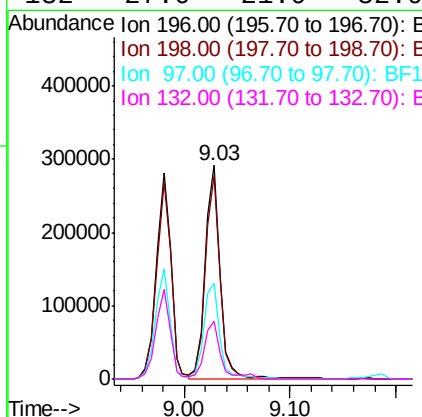
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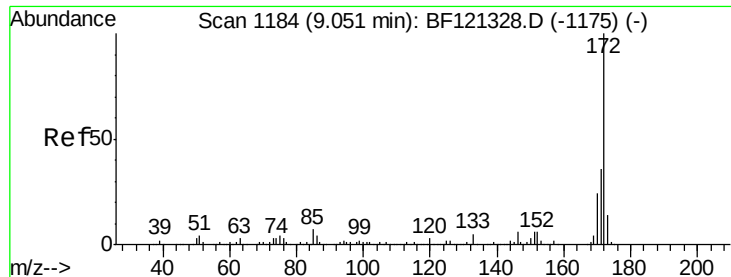
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.678 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281899		
198	95.5	76.5	114.7	
97	44.9	37.3	55.9	
132	27.0	21.9	32.9	





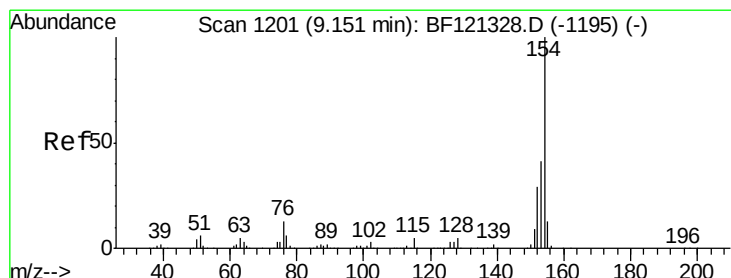
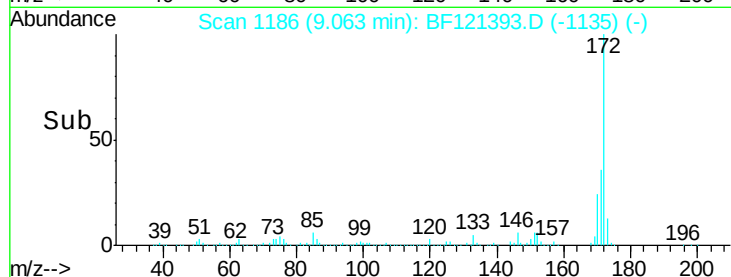
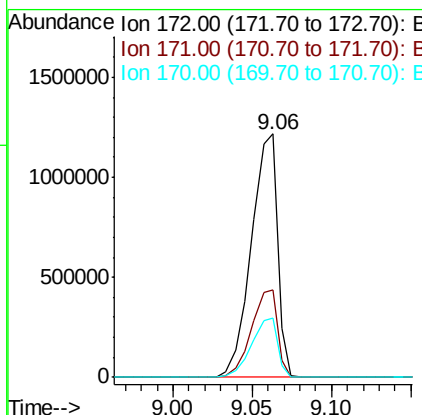
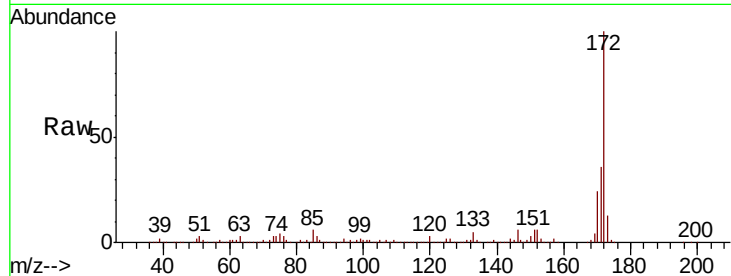
#45
2-Fluorobiphenyl
Concen: 75.725 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.2	19.6	29.4

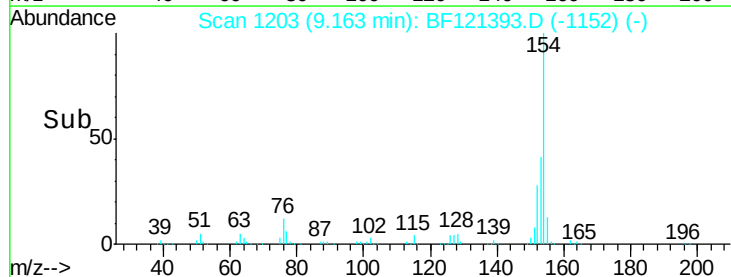
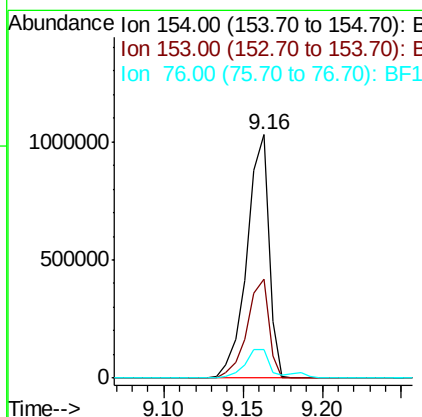
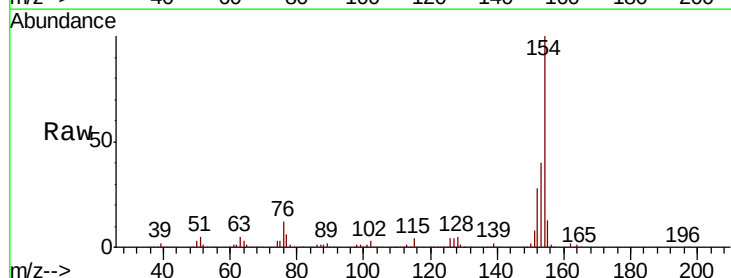
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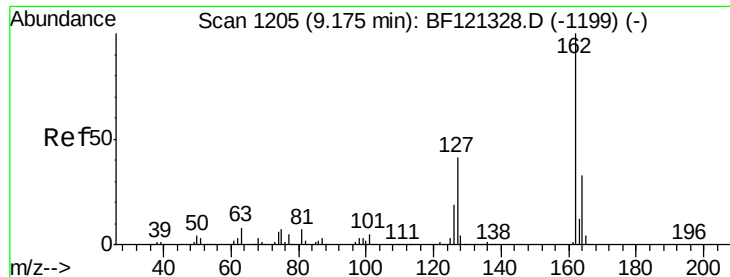
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#46
1,1'-Biphenyl
Concen: 37.832 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	11.7	0.0	31.9





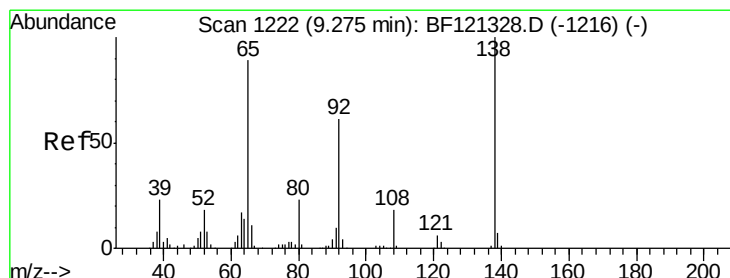
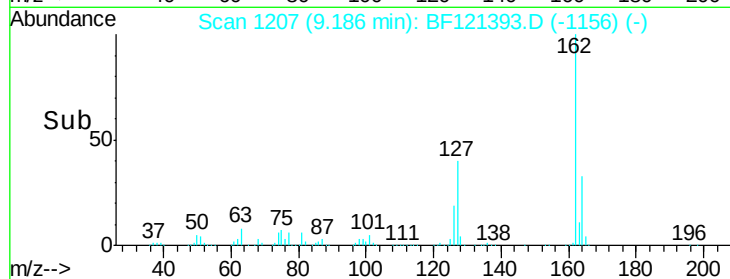
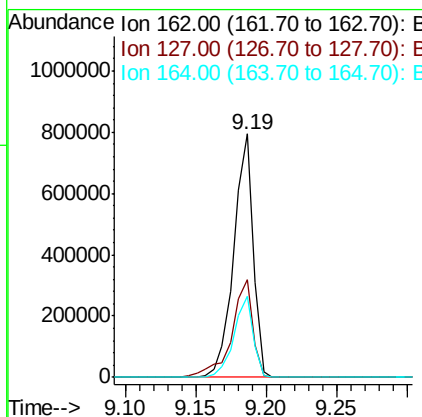
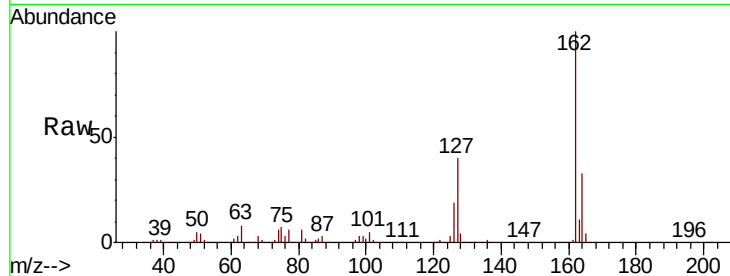
#47
2-Chloronaphthalene
Concen: 35.175 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampled :
PB131098BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.1	32.4	48.6		
164	33.1	26.4	39.6		

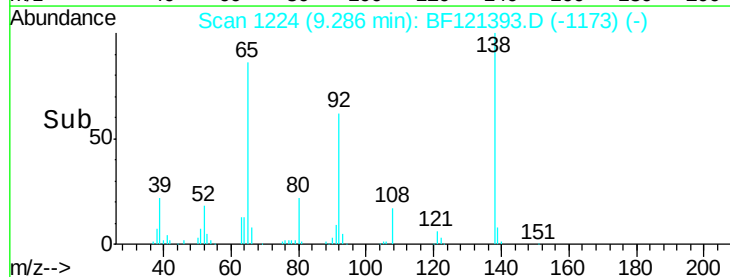
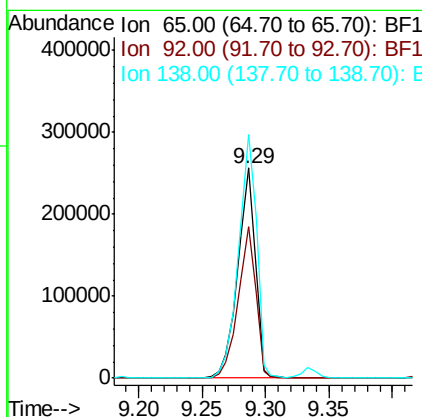
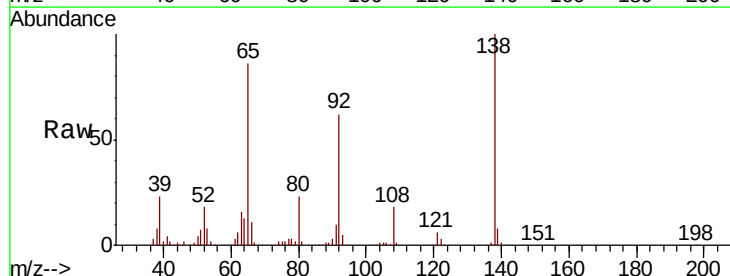
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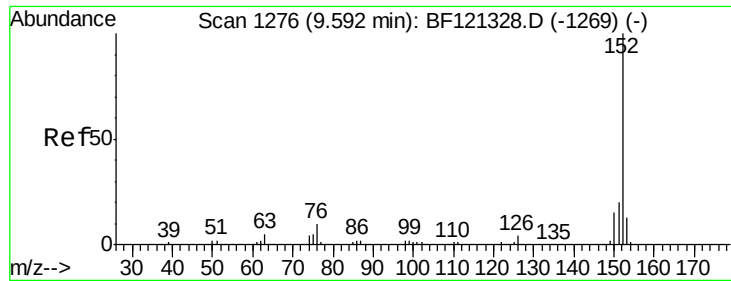
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#48
2-Nitroaniline
Concen: 36.375 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	72.1	58.0	87.0		
138	115.8	94.1	141.1		





#49

Acenaphthylene

Concen: 38.044 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

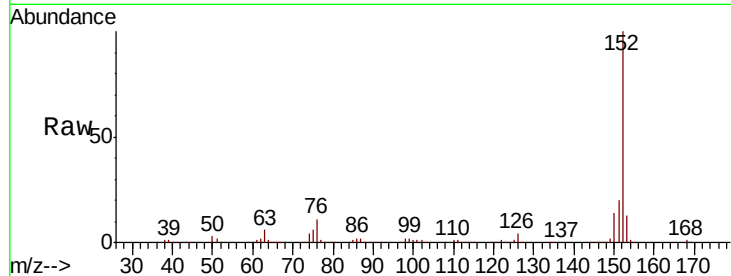
ClientSampleId :

PB131098BS

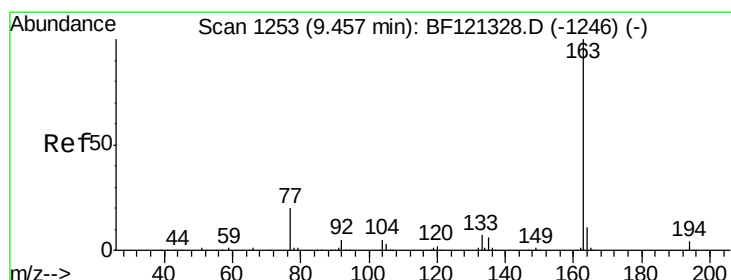
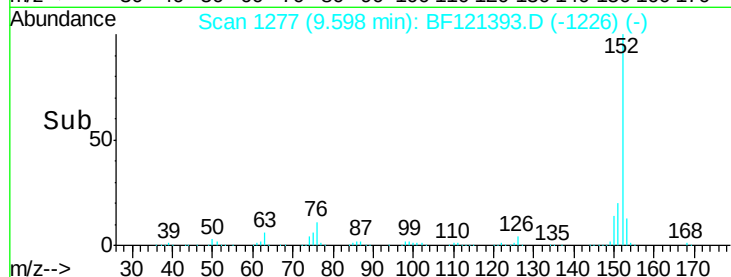
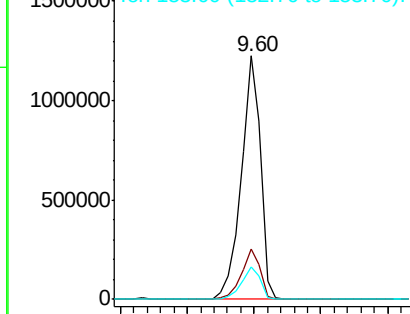
Tot Ion:	152	Resp:	1218237
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	13.4	10.8	16.2

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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: 37.355 ng

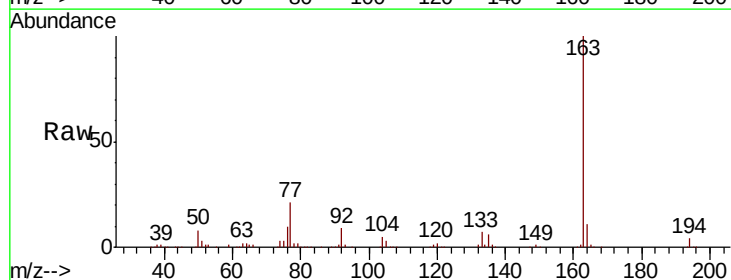
RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

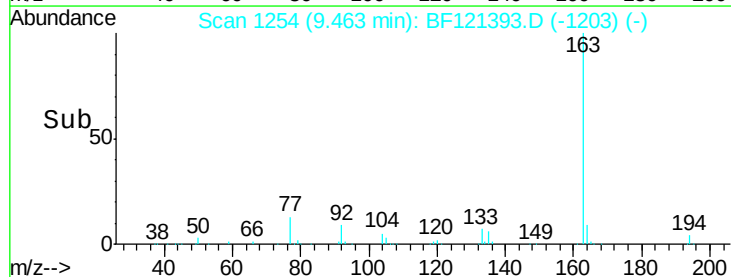
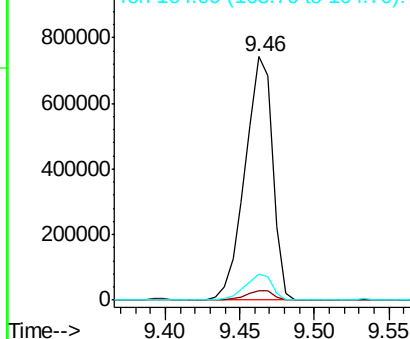
Lab File: BF121393.D

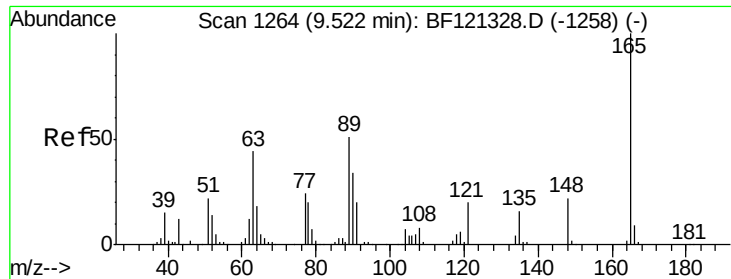
Acq: 24 Aug 2020 11:36

Tgt Ion:	163	Resp:	948838
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.5	8.5	12.7



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





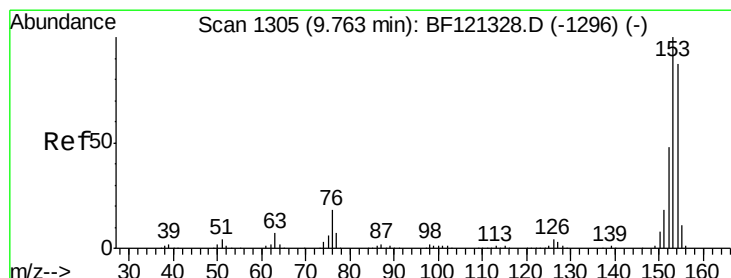
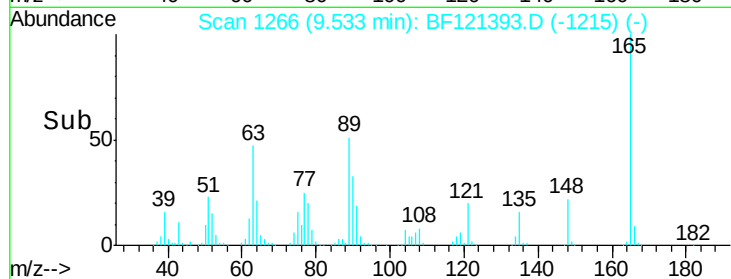
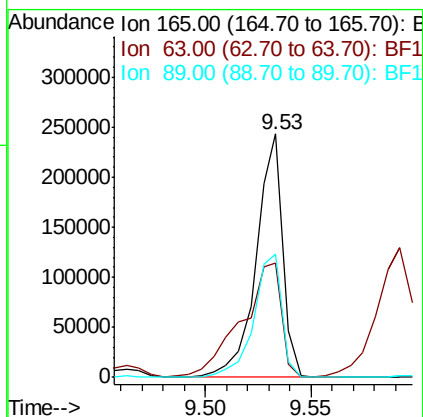
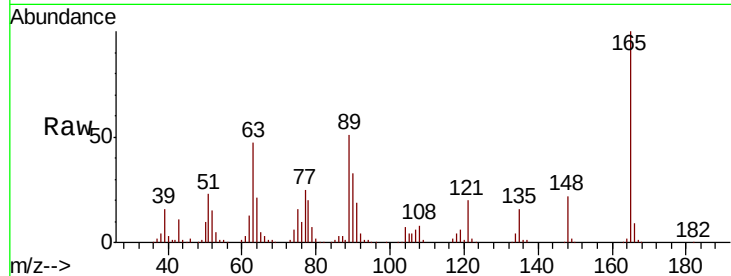
#51
 2,6-Dinitrotoluene
 Concen: 39.056 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211869		
63	46.8		36.1	54.1
89	50.5		39.4	59.2

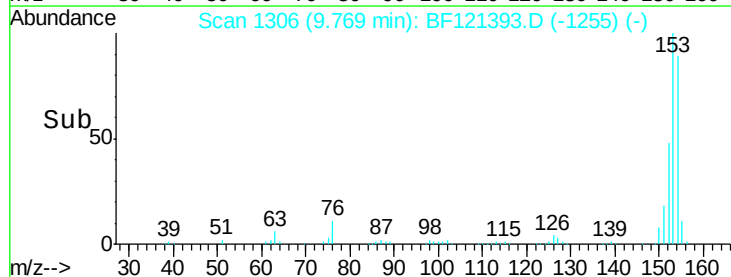
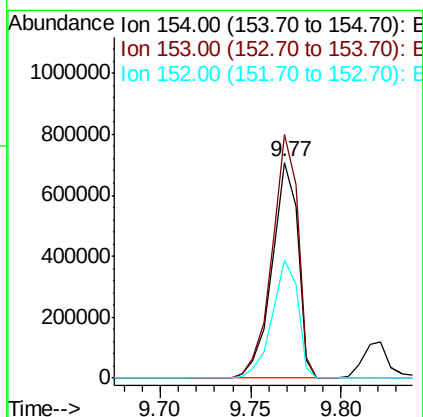
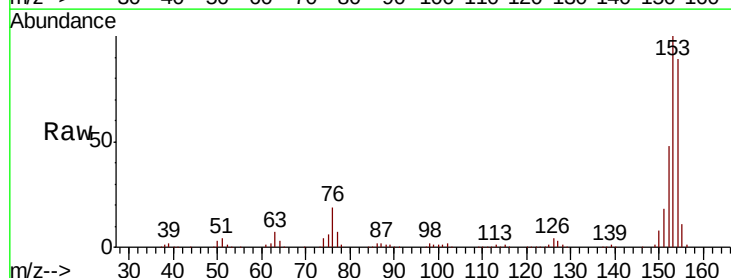
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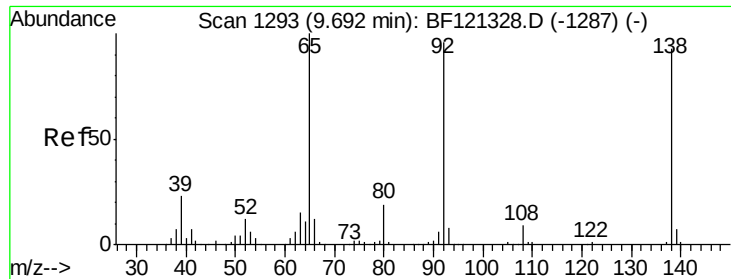
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#52
 Acenaphthene
 Concen: 36.203 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	704387		
153	112.9		89.1	133.7
152	54.6		43.2	64.8





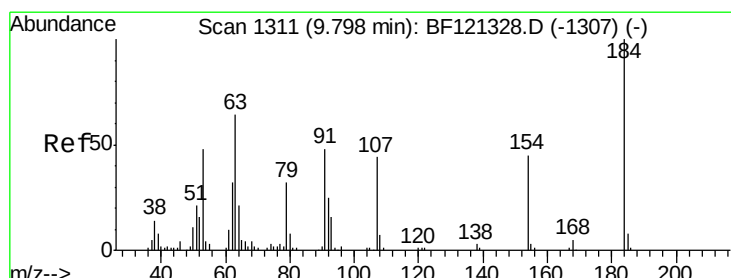
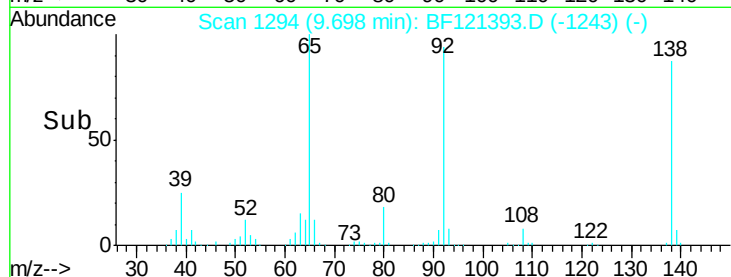
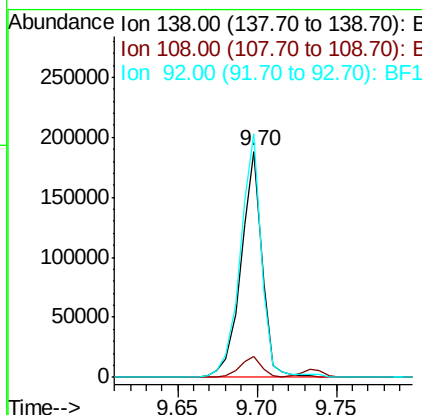
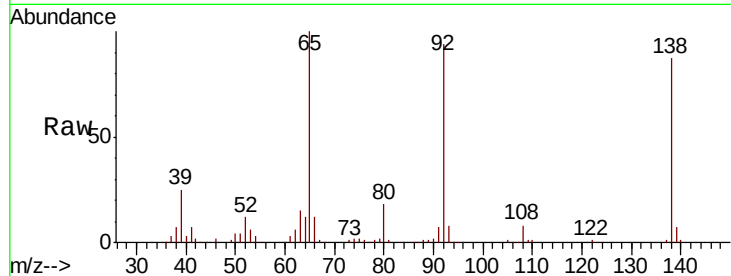
#53
 3-Nitroaniline
 Concen: 25.390 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	107.6	87.2	130.8

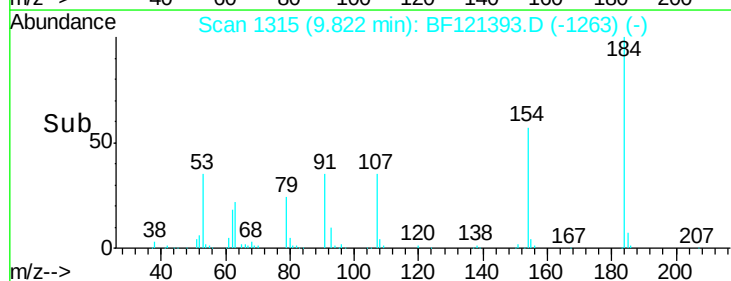
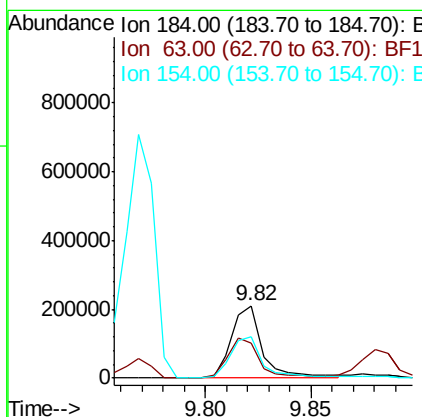
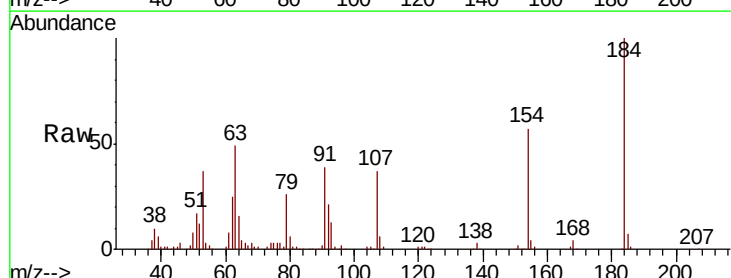
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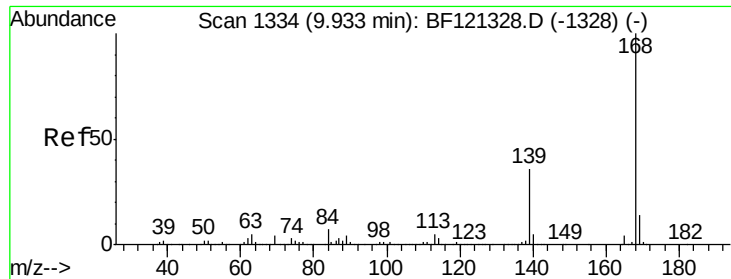
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#54
 2,4-Dinitrophenol
 Concen: 82.674 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.8	48.2	72.2
154	56.9	47.7	71.5





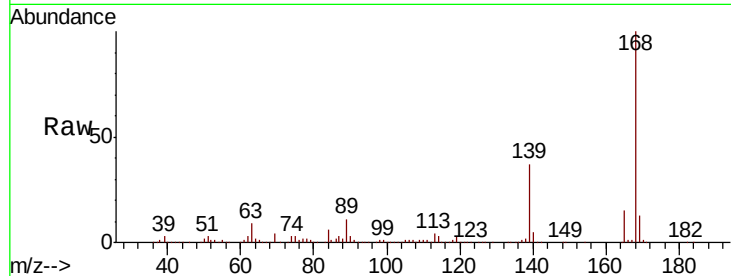
#55
Dibenzenofuran
Concen: 40.250 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

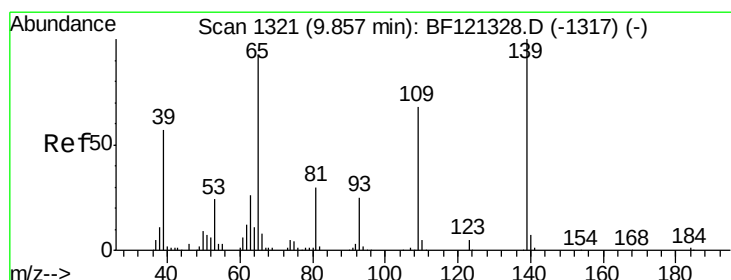
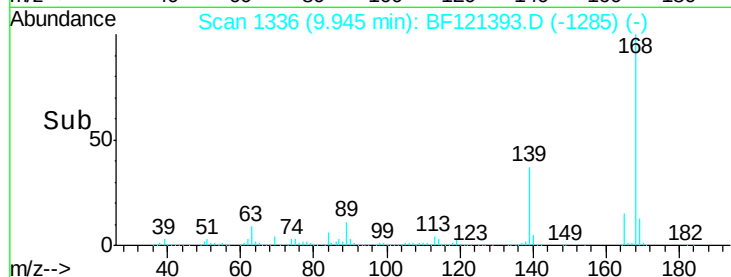
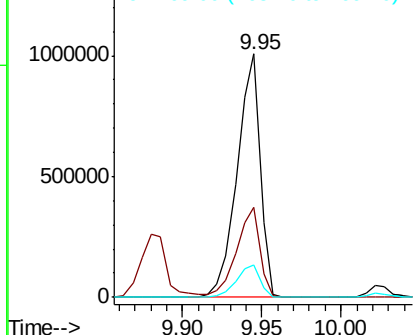
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.2	42.4
169	13.3	10.6	16.0

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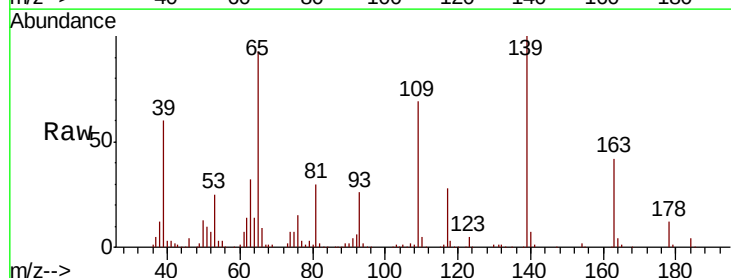


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

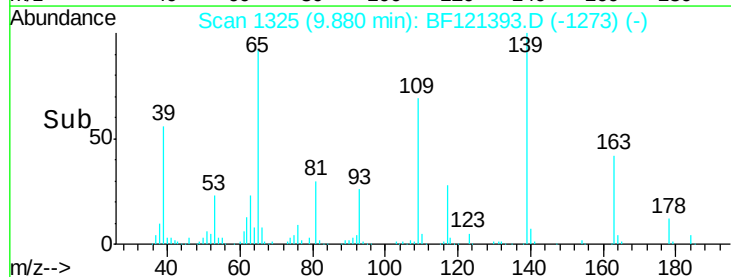
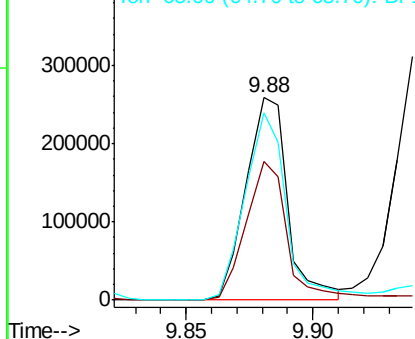


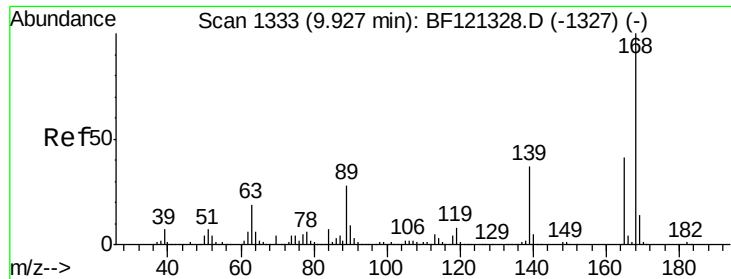
#56
4-Nitrophenol
Concen: 71.292 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	46.1	86.1
65	92.9	71.1	111.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





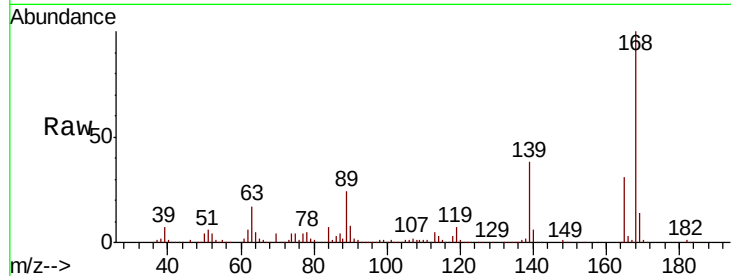
#57
 2,4-Dinitrotoluene
 Concen: 38.135 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

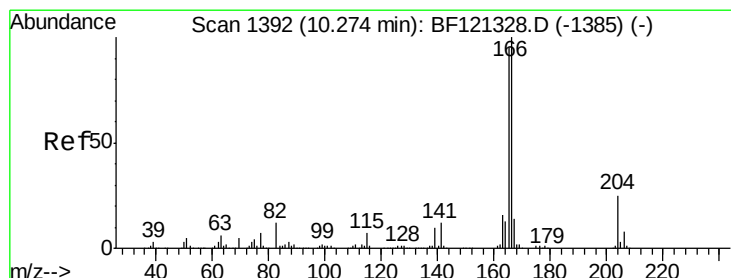
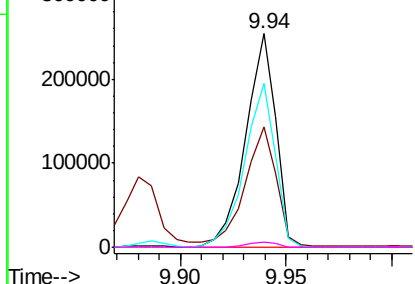
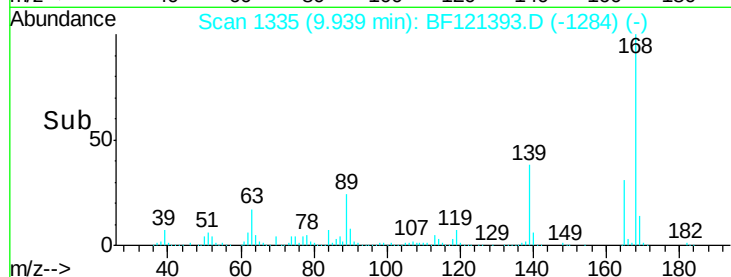
Tot Ion	Ratio	Resp	Lower	Upper
165	100	252370		
63	56.5	45.0	67.6	
89	76.9	60.2	90.2	
182	2.5	2.1	3.1	

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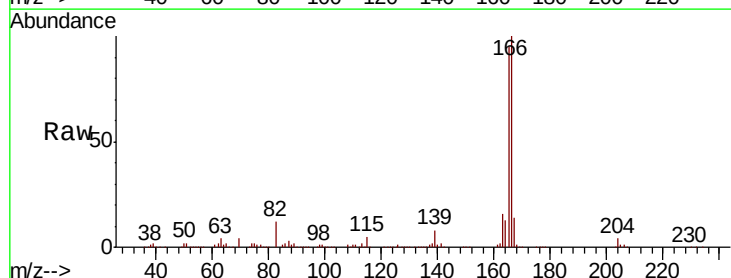


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

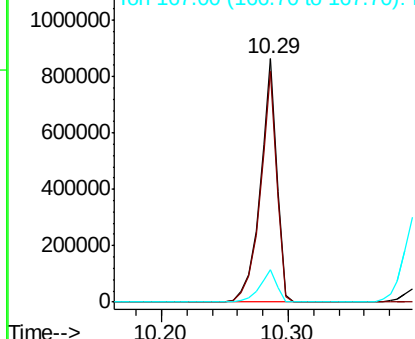
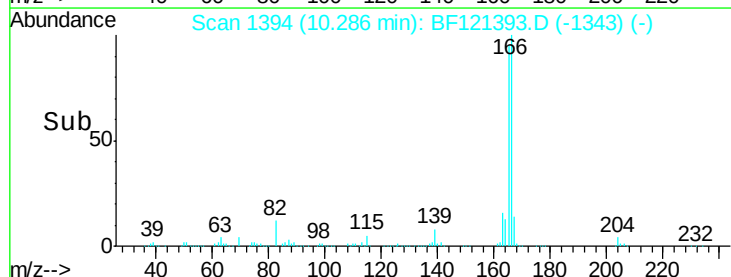


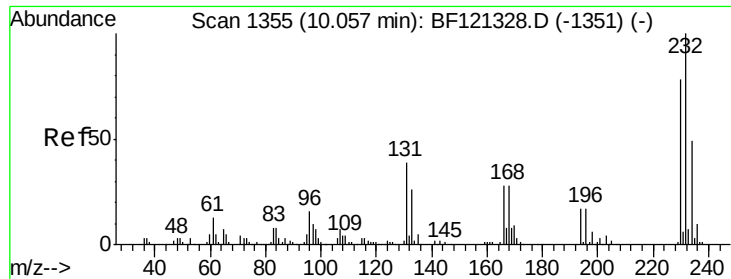
#58
 Fluorene
 Concen: 43.094 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	791950		
165	94.9	75.0	112.6	
167	13.6	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





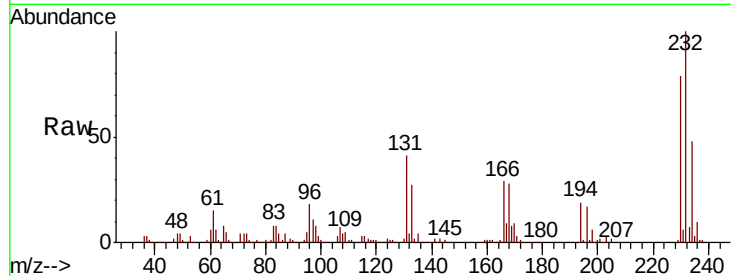
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.504 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

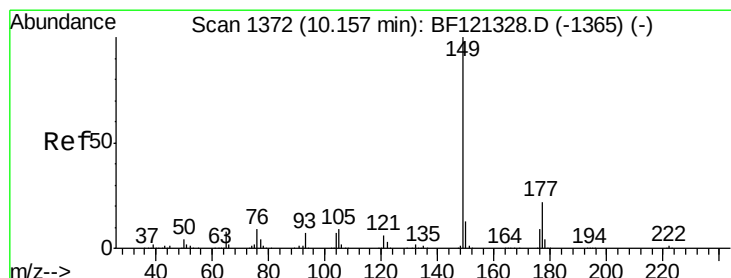
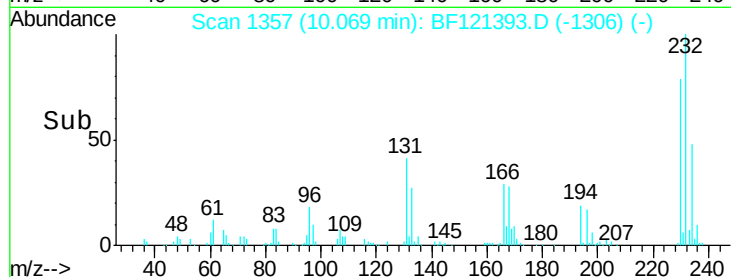
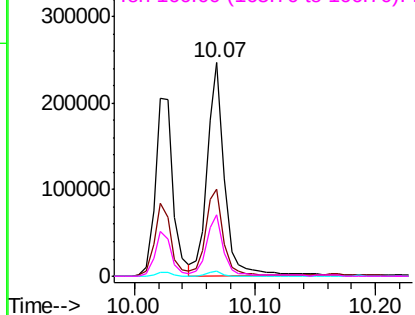
Tot Ion	Ratio	Resp	Lower	Upper
232	100	239900		
131	43.6	32.5	48.7	
130	2.2	1.5	2.3	
166	28.6	21.8	32.8	

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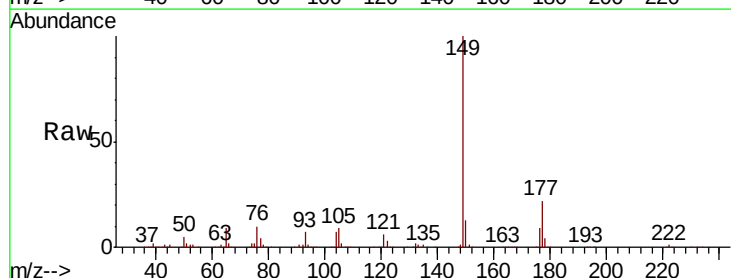


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

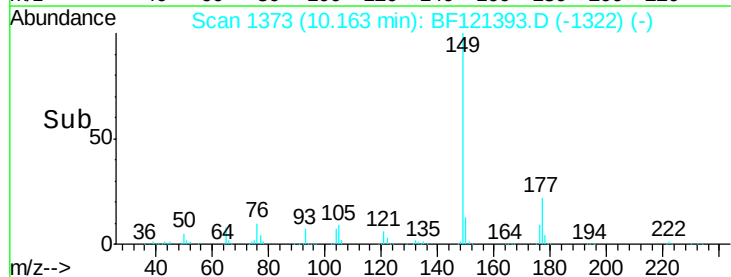
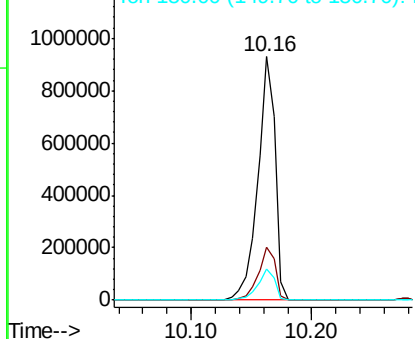


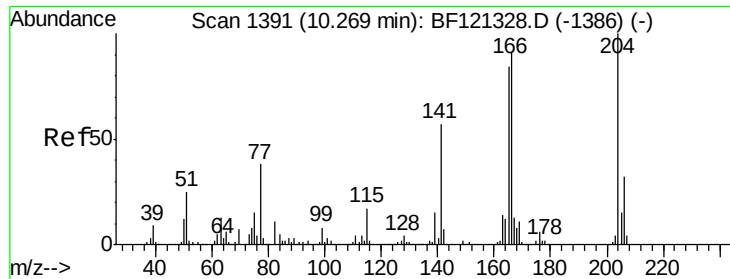
#60
Diethylphthalate
Concen: 37.523 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	930693		
177	21.7	17.8	26.6	
150	12.9	10.0	15.0	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





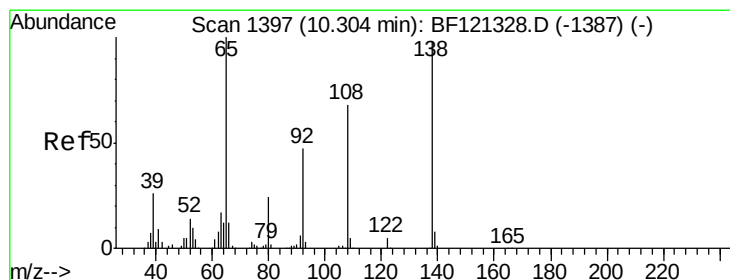
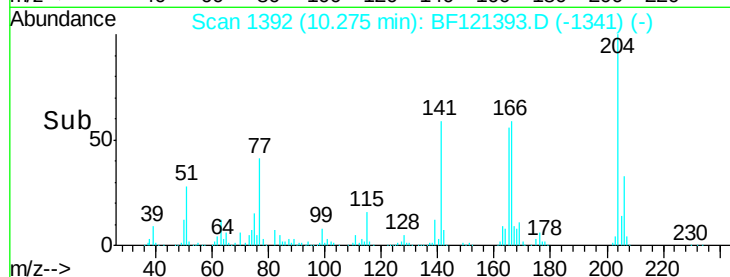
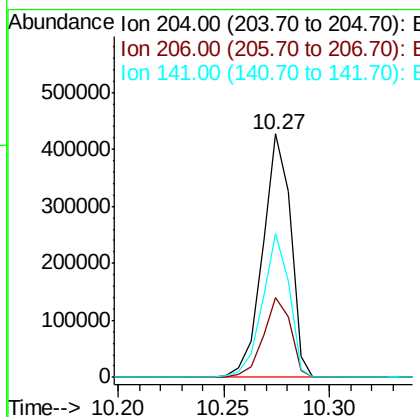
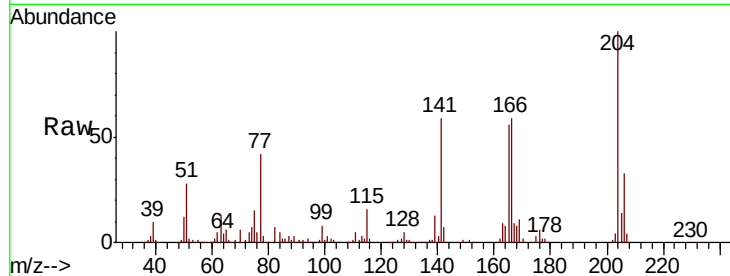
#61
4-Chlorophenyl-phenylether
Concen: 42.398 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampled :
PB131098BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.4
141	59.3	46.2	69.4

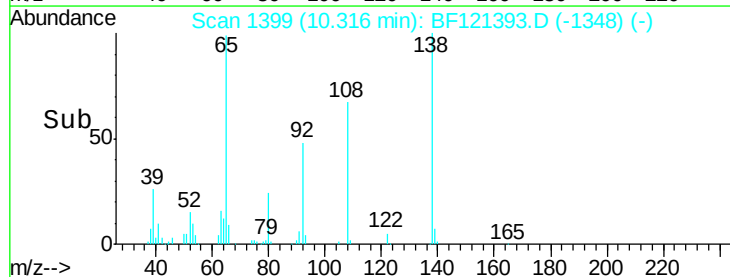
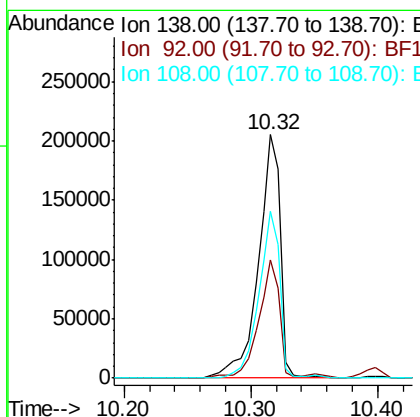
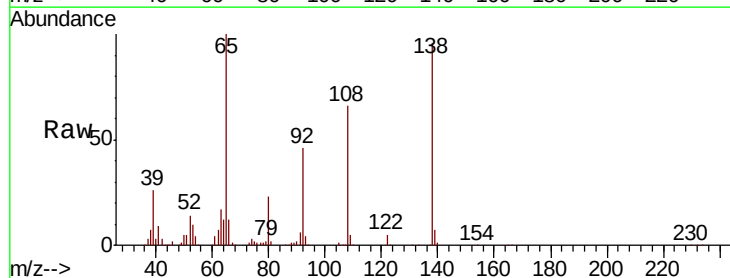
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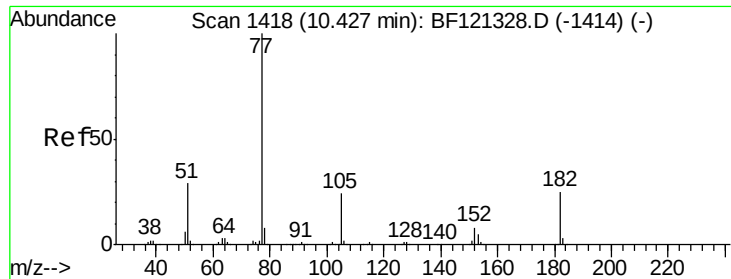
mohammad
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#62
4-Nitroaniline
Concen: 35.752 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	26.6	66.6
108	68.6	48.9	88.9





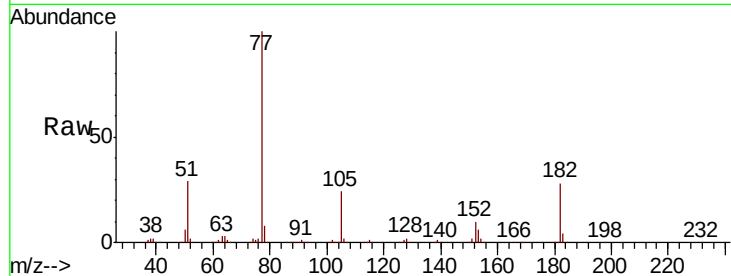
#63
Azobenzene
Concen: 37.481 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.7	47.7
105	23.9	3.8	43.8
51	28.6	8.0	48.0

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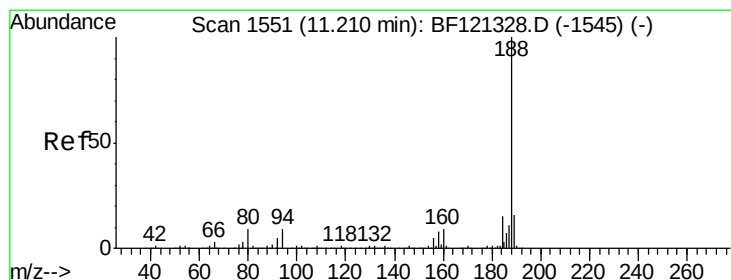
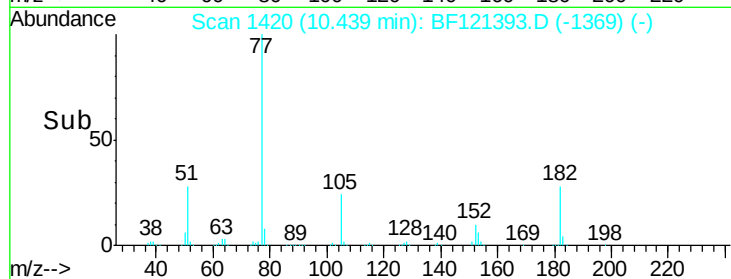
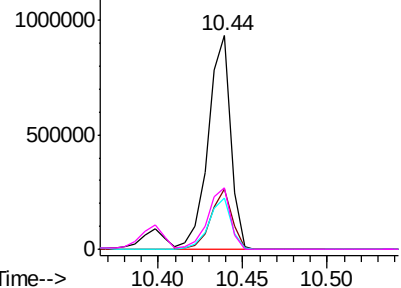


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

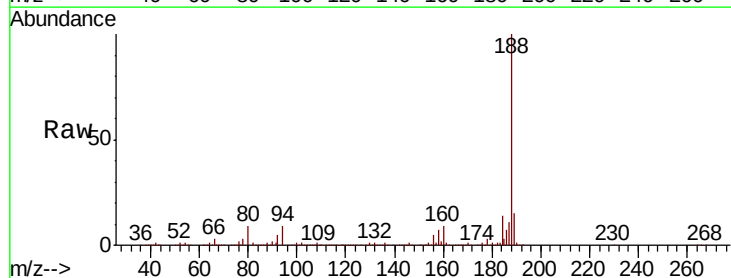
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

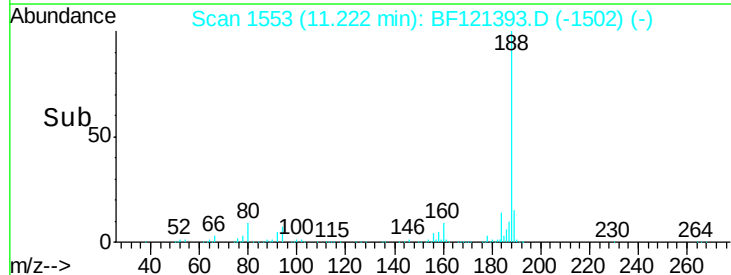
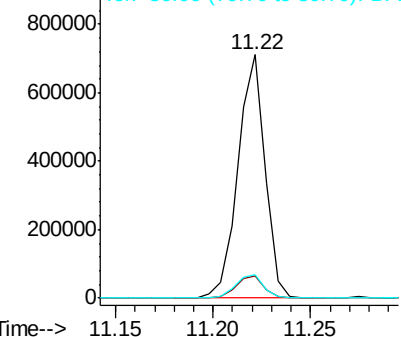
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.4	7.1	10.7

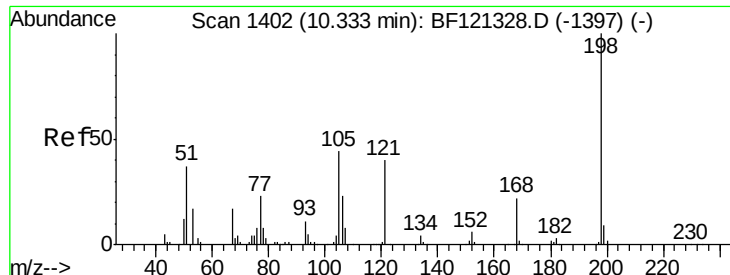


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.563 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

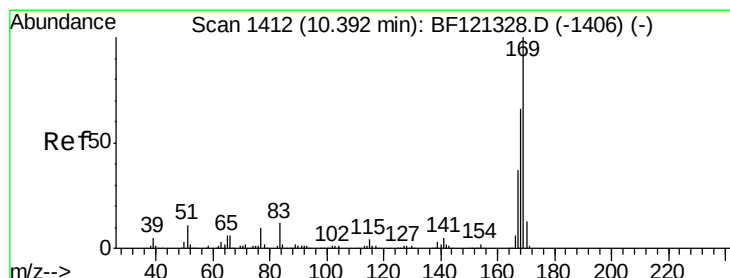
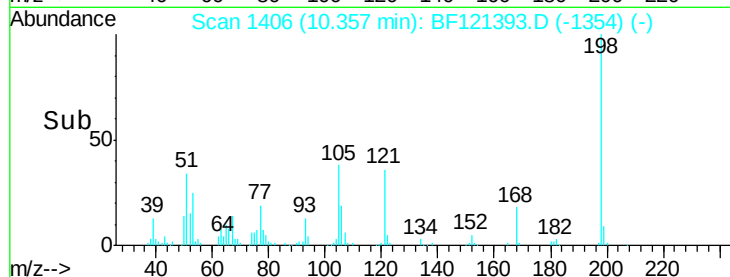
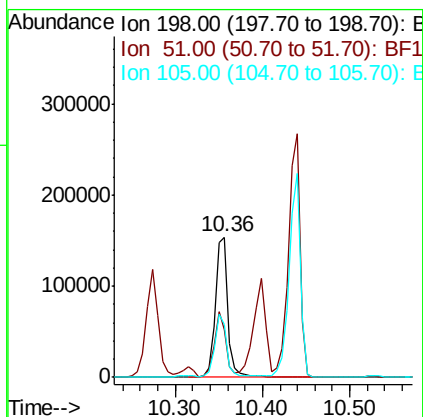
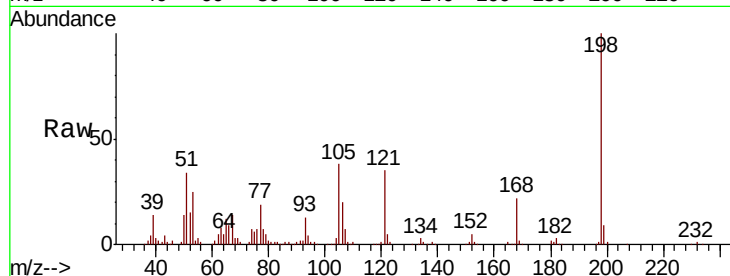
ClientSampleId :

PB131098BS

Tot Ion:	198	Resp:	155150
Ion Ratio	Lower	Upper	
198	100		
51	33.9	23.9	63.9
105	37.7	24.8	64.8

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#66

n-Nitrosodiphenylamine

Concen: 37.023 ng

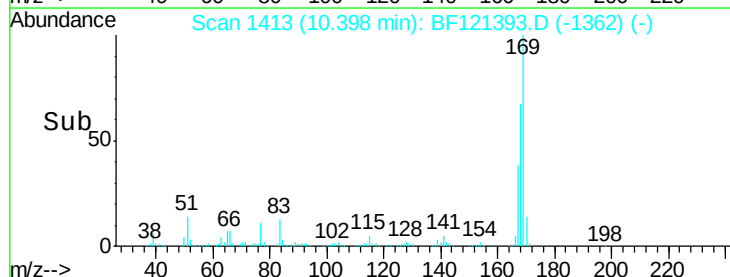
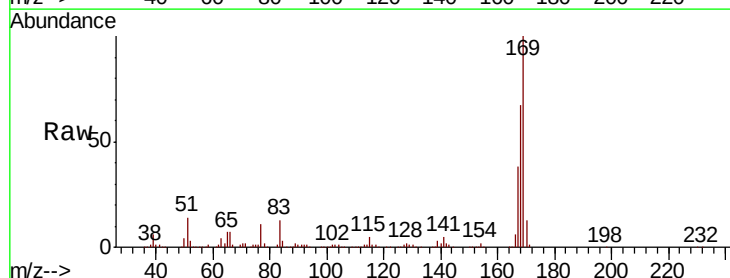
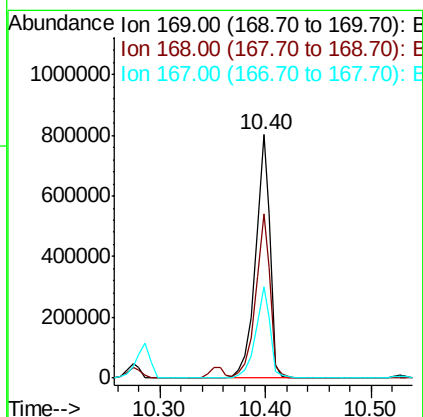
RT: 10.40 min Scan# 1413

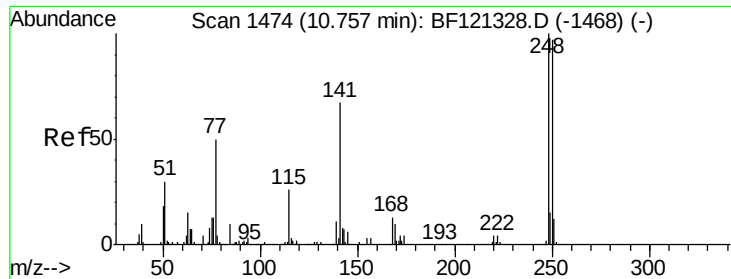
Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:	169	Resp:	778404
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.9	80.9
167	37.6	29.9	44.9





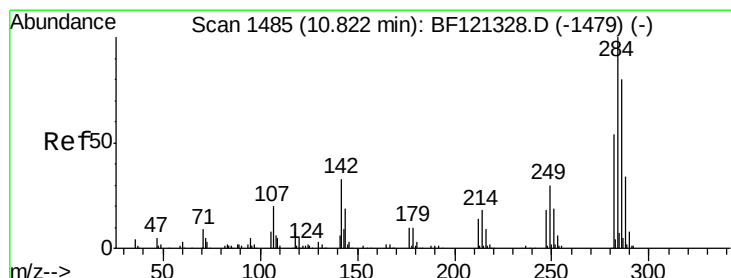
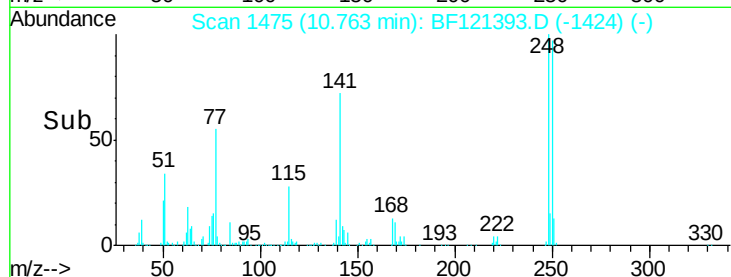
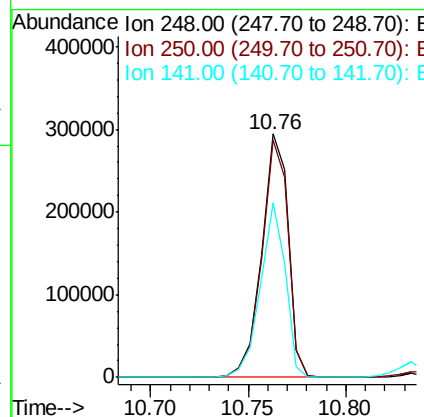
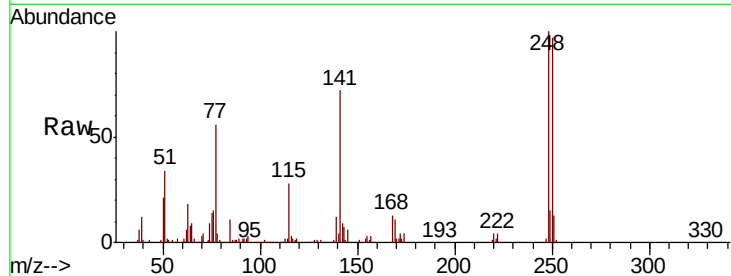
#67
4-Bromophenyl-phenylether
Concen: 36.616 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	71.7	57.4	86.2

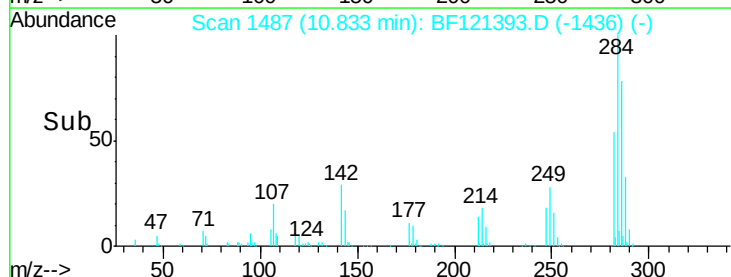
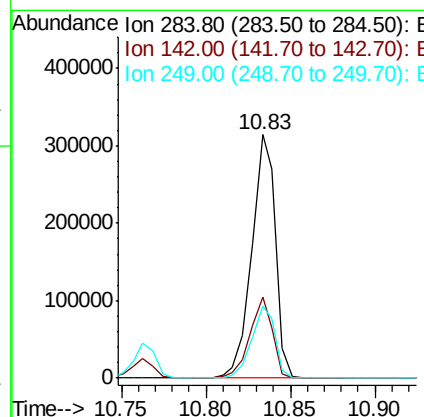
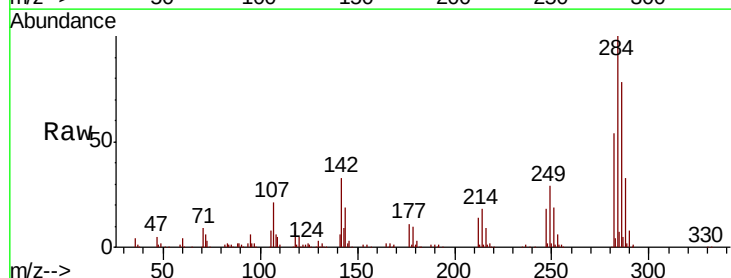
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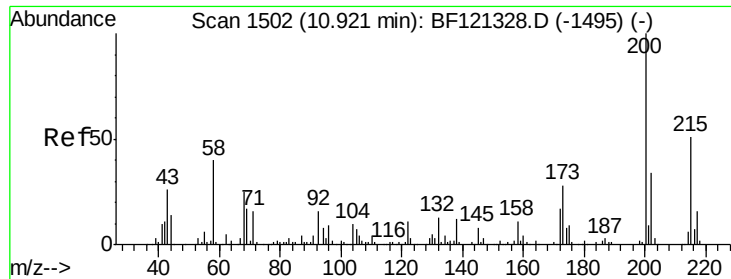
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#68
Hexachlorobenzene
Concen: 35.395 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	26.5	39.7
249	29.4	23.7	35.5





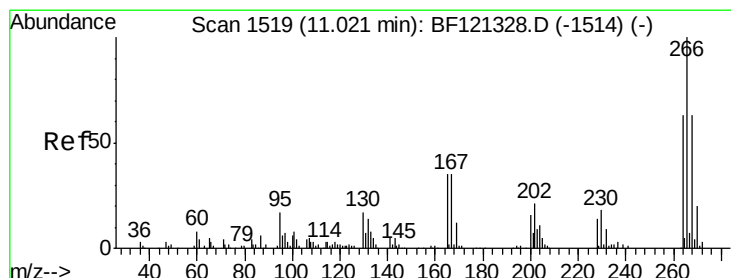
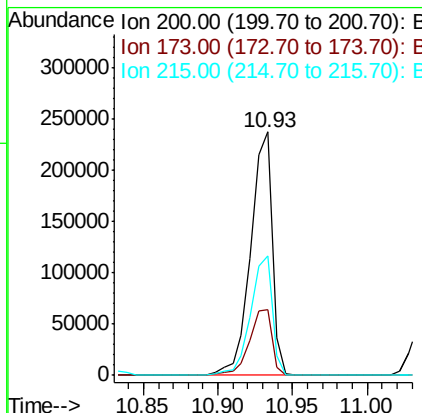
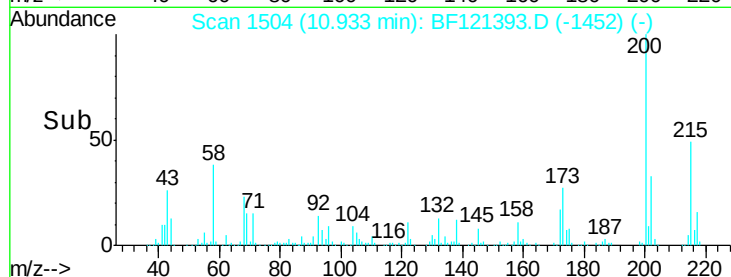
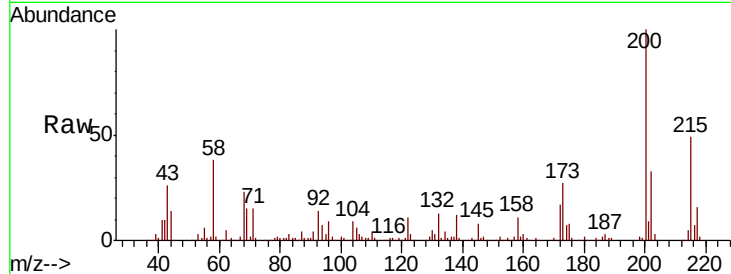
#69
Atrazine
Concen: 36.330 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	8.5	48.5
215	49.0	30.3	70.3

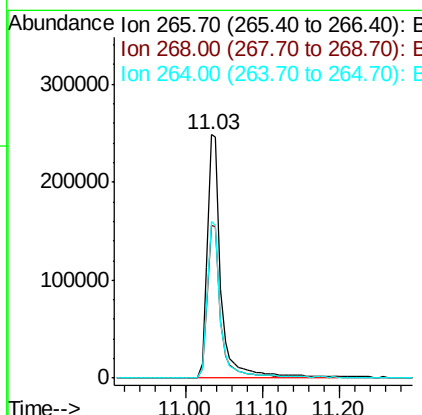
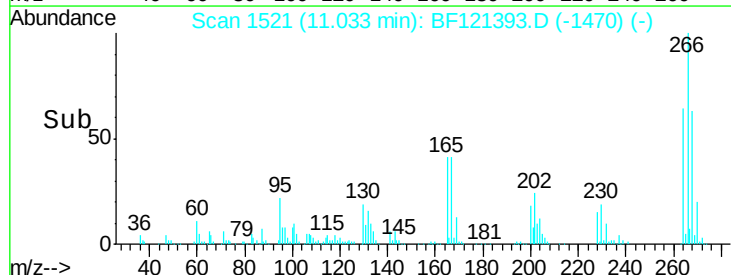
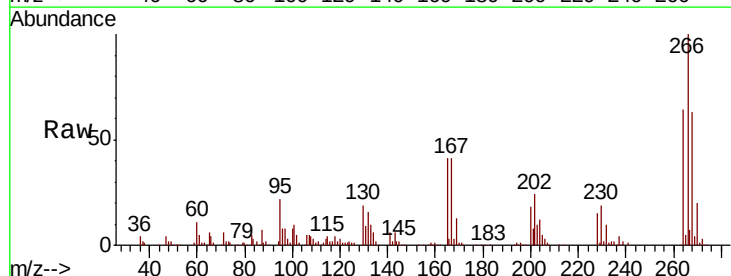
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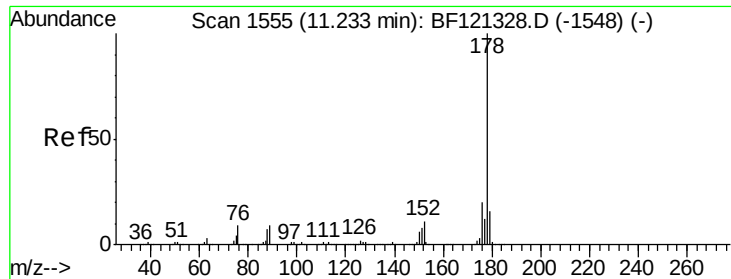
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#70
Pentachlorophenol
Concen: 79.742 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	50.3	75.5
264	64.4	50.3	75.5





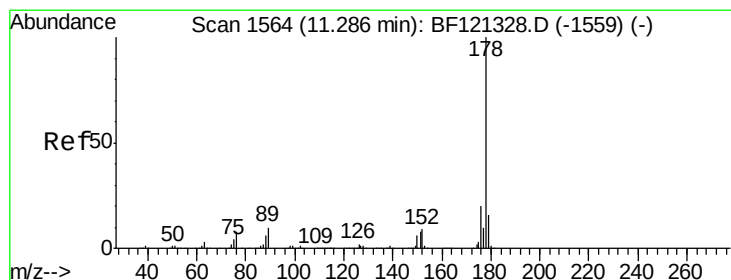
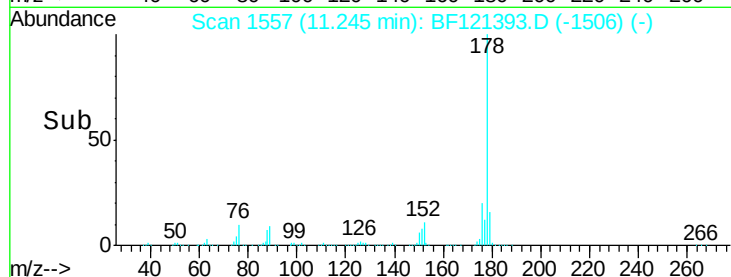
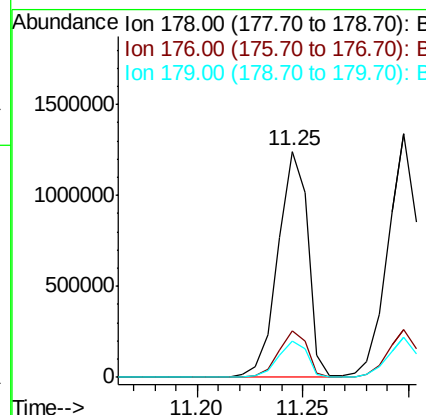
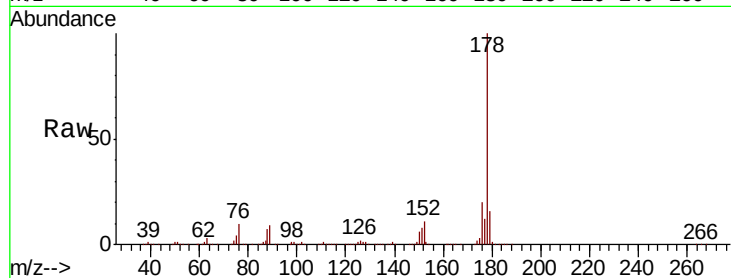
#71
Phenanthrene
Concen: 34.759 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.7	19.1

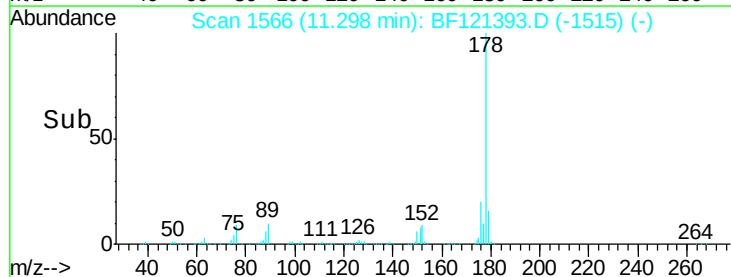
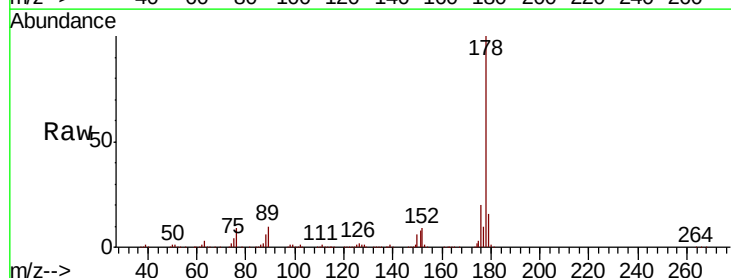
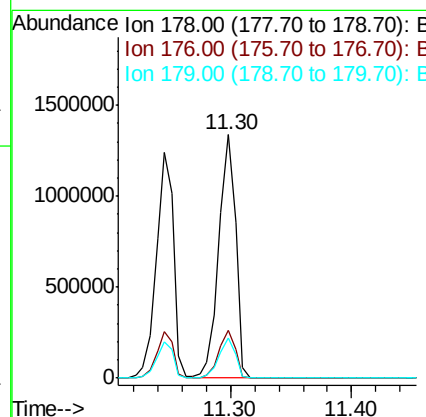
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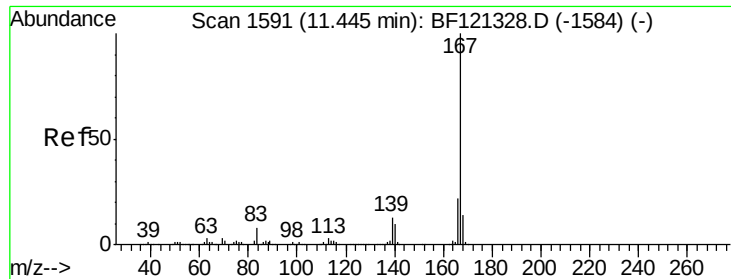
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#72
Anthracene
Concen: 37.738 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	16.2	12.6	18.8





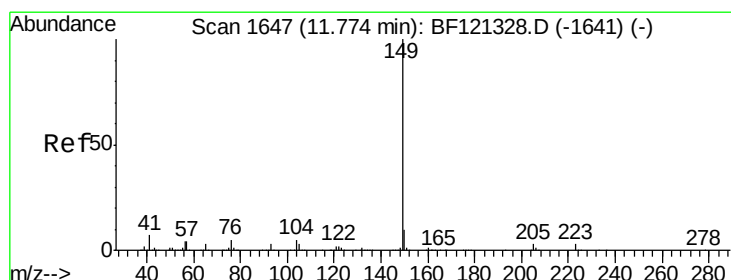
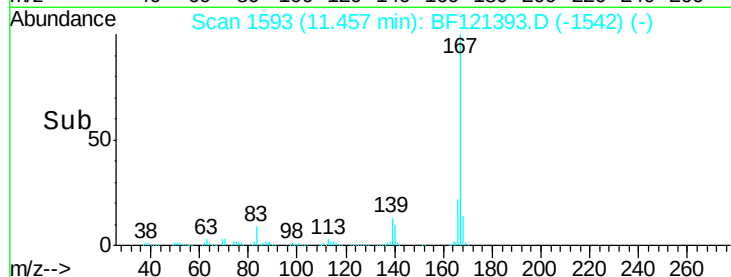
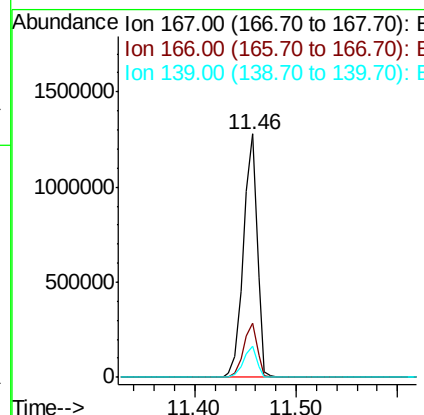
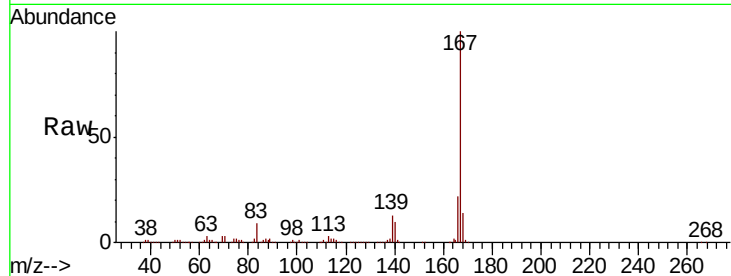
#73
 Carbazole
 Concen: 37.246 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	12.7	9.8	14.8

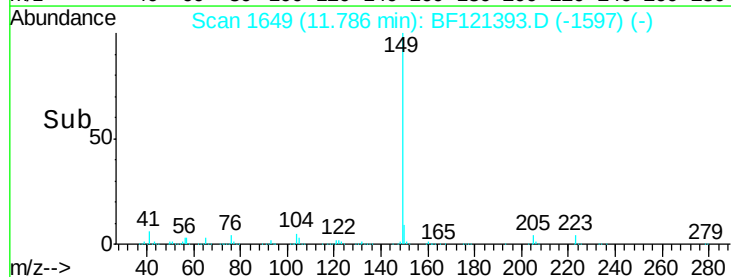
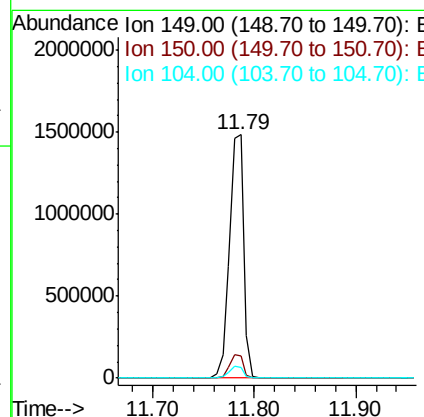
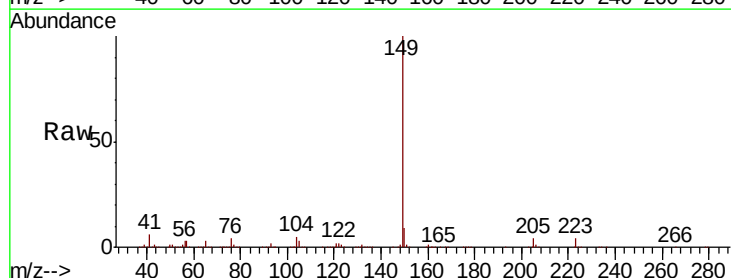
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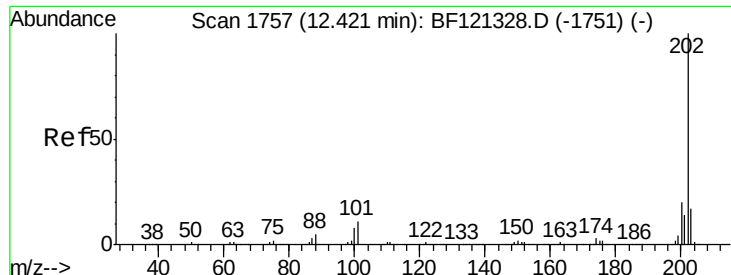
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#74
 Di-n-butylphthalate
 Concen: 36.851 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	3.9	5.9





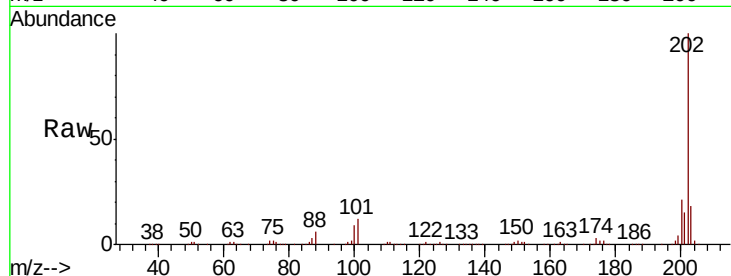
#75
Fluoranthene
Concen: 36.350 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

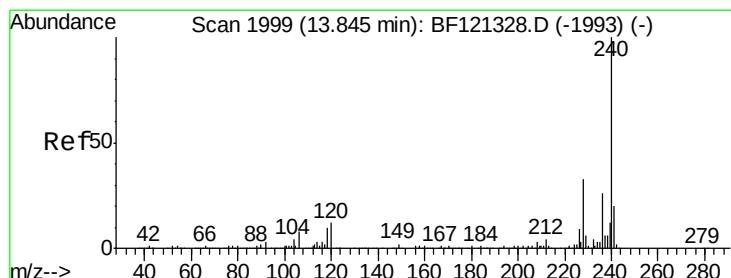
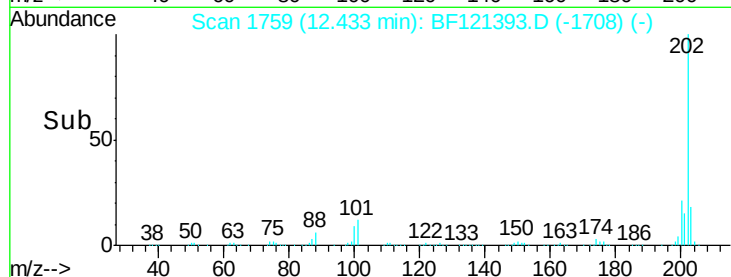
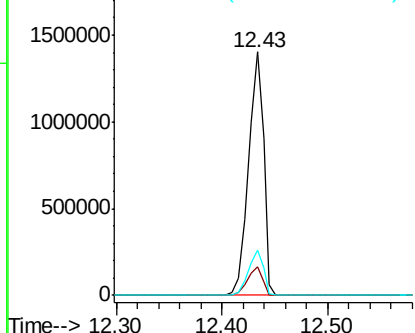
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1391831		
101	11.8	0.0	31.0	
203	18.4	0.0	38.0	

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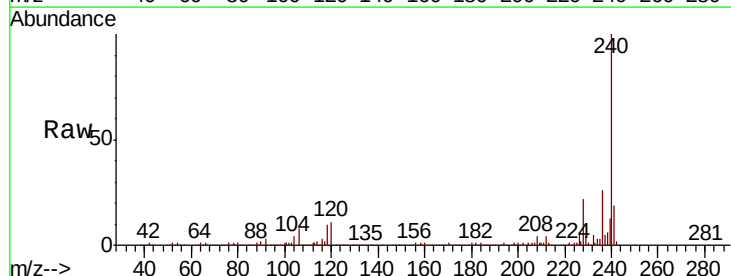


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

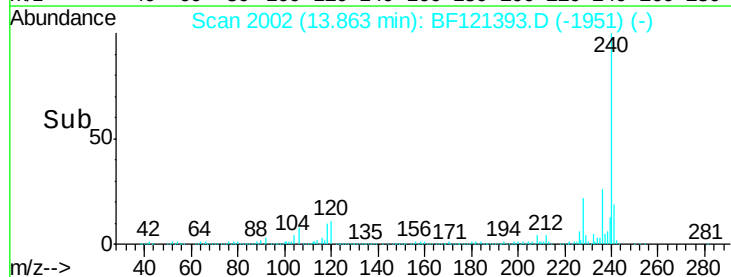
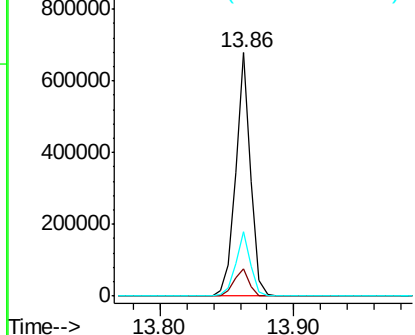


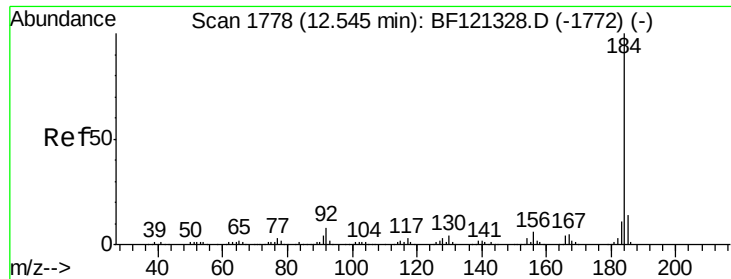
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	529089		
120	11.3	8.7	13.1	
236	26.4	21.0	31.4	



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





#77

Benzidine

Concen: 53.313 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

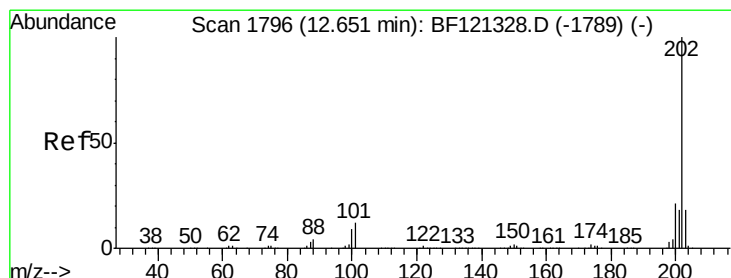
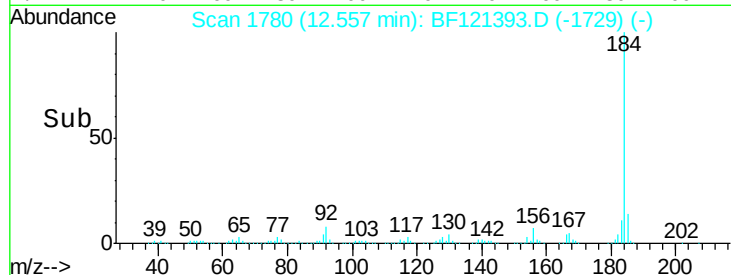
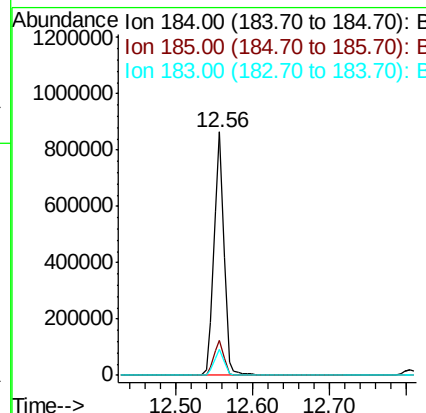
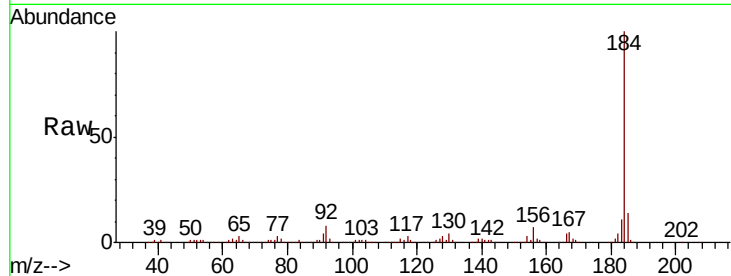
ClientSampleId :

PB131098BS

Tot Ion:	184	Resp:	777124
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	10.9	9.0	13.4

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#78

Pyrene

Concen: 35.897 ng

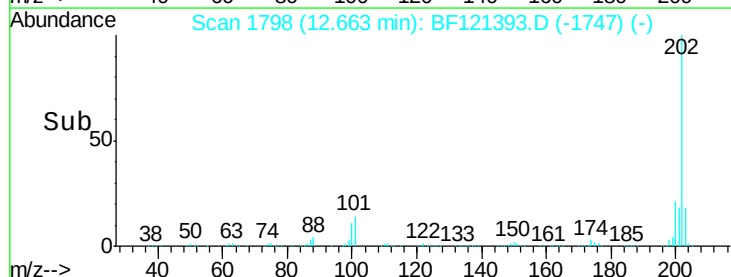
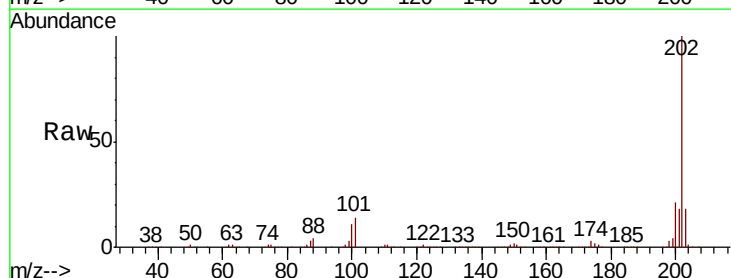
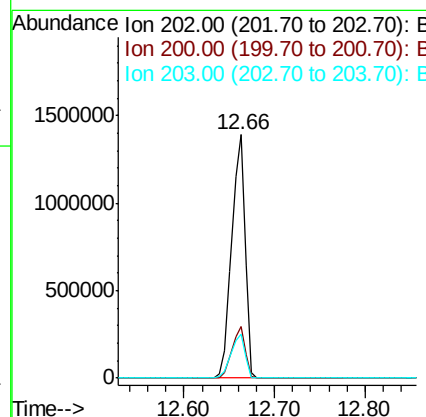
RT: 12.66 min Scan# 1798

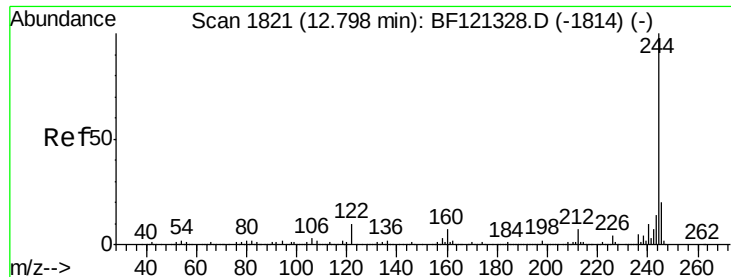
Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Tgt Ion:	202	Resp:	1426666
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	25.0
203	17.8	14.1	21.1





#79

Terphenyl-d14

Concen: 54.716 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion:244 Resp: 1481451

Ion Ratio Lower Upper

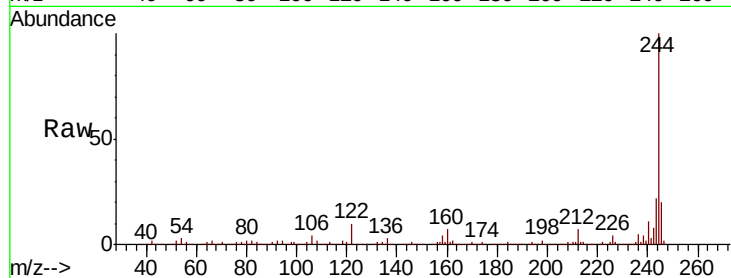
244 100

212 7.1 5.5 8.3

122 10.3 7.7 11.5

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.80

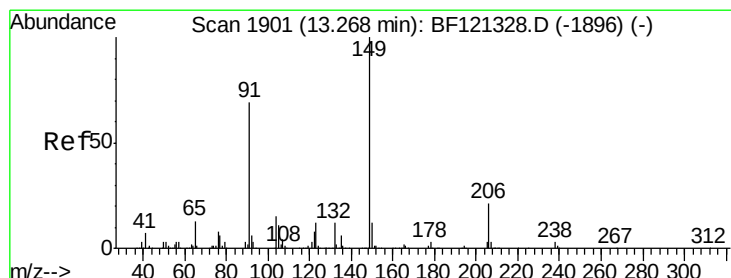
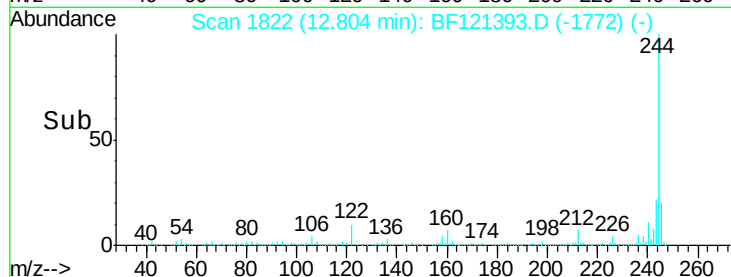
1500000

1000000

500000

0

Time--> 12.70 12.80 12.90



#80

Butylbenzylphthalate

Concen: 37.851 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

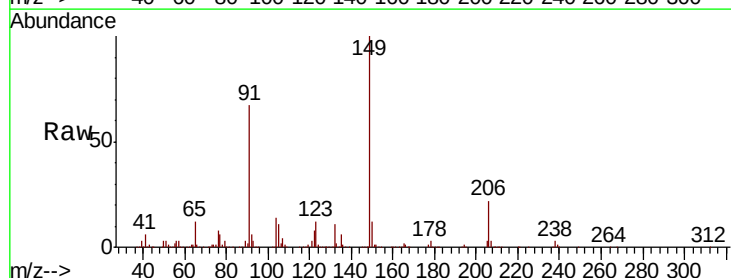
Tgt Ion:149 Resp: 646400

Ion Ratio Lower Upper

149 100

91 66.6 52.2 78.4

206 21.7 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

13.28

800000

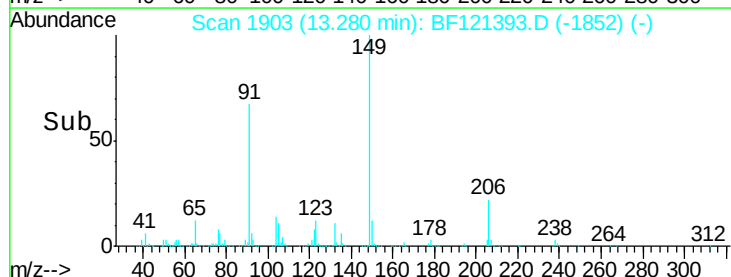
600000

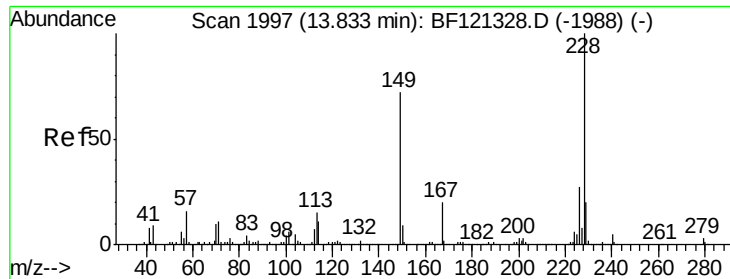
400000

200000

0

Time--> 13.20 13.25 13.30 13.35





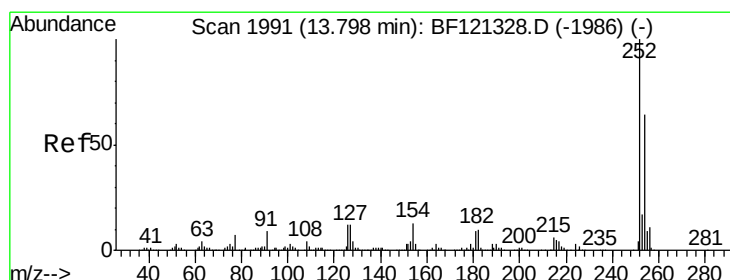
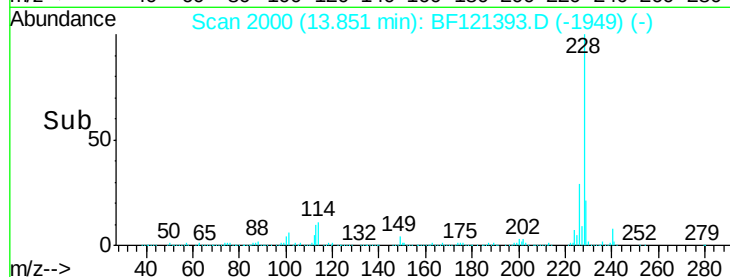
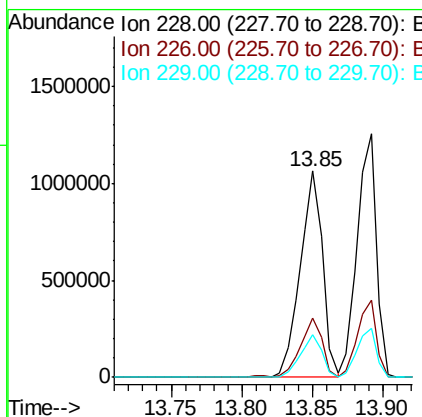
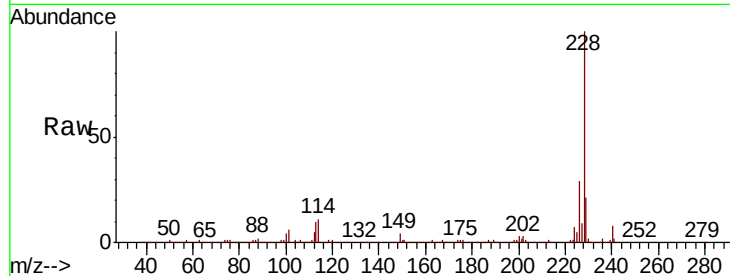
#81
Benzo(a)anthracene
Concen: 35.500 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	20.5	16.1	24.1

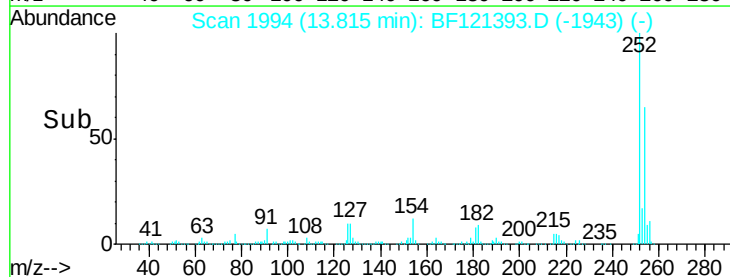
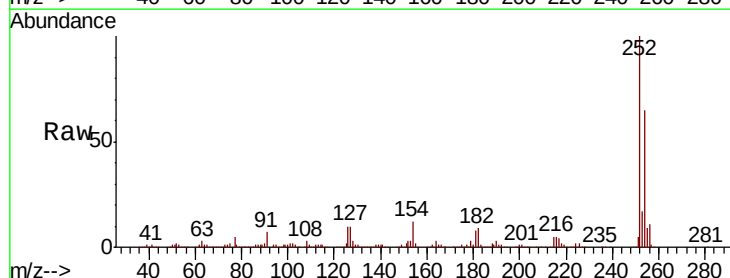
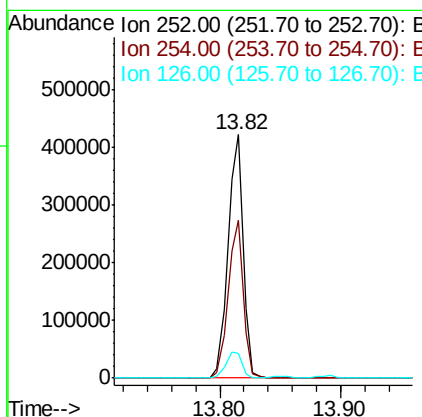
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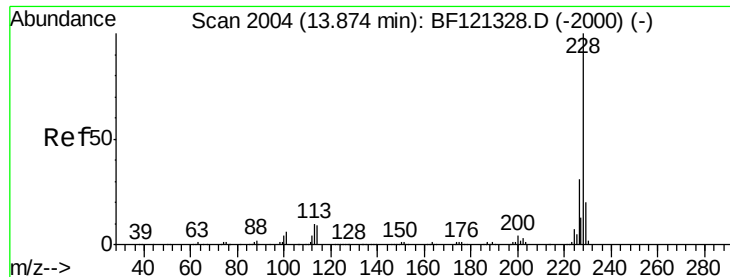
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#82
3,3'-Dichlorobenzidine
Concen: 29.230 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	10.2	8.2	12.4





#83

Chrysene

Concen: 35.529 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion:228 Resp: 1194140

Ion Ratio Lower Upper

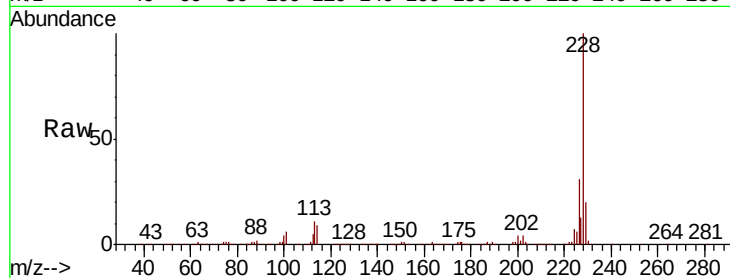
228 100

226 31.5 25.0 37.6

229 20.1 16.5 24.7

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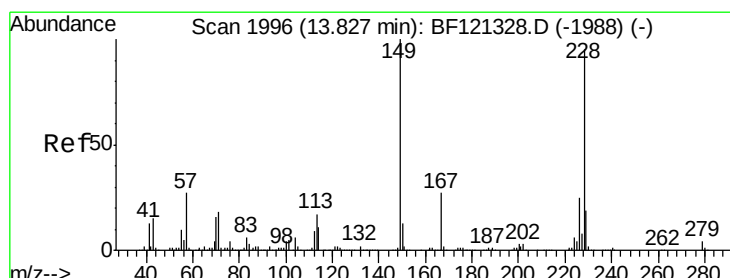
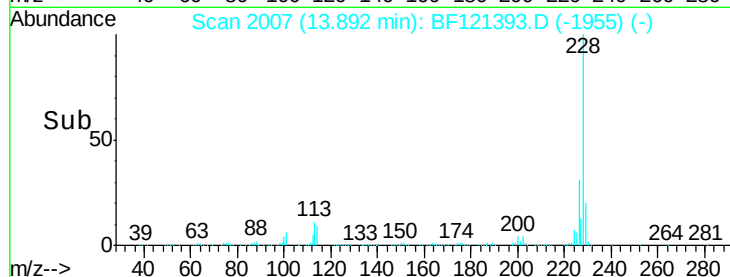
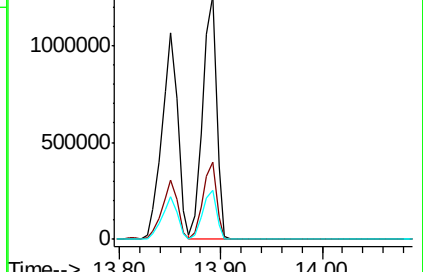
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.212 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

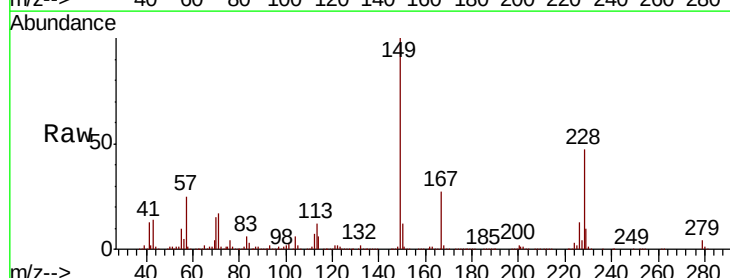
Tgt Ion:149 Resp: 787506

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

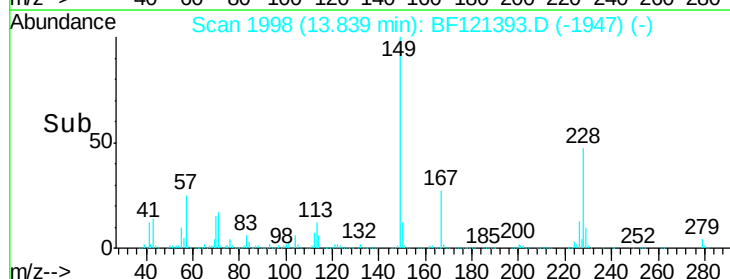
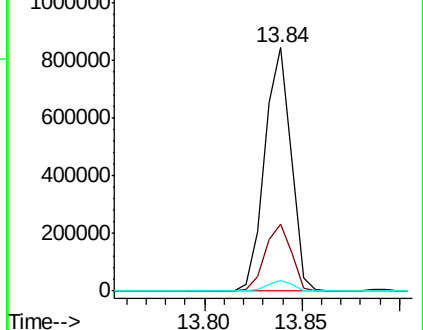
279 4.3 3.6 5.4

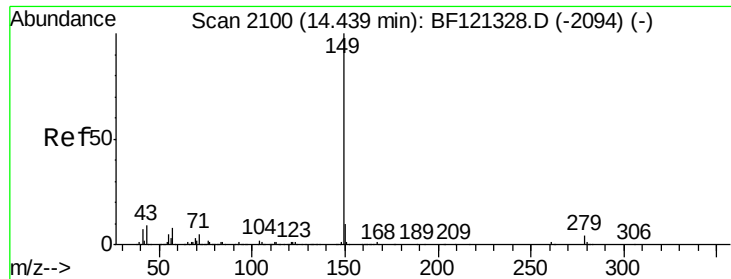


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





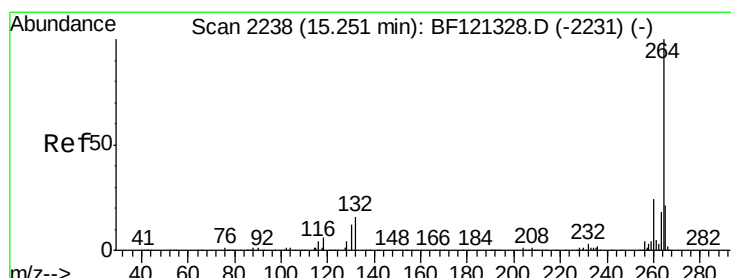
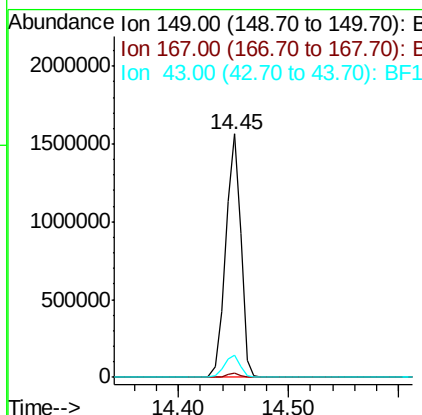
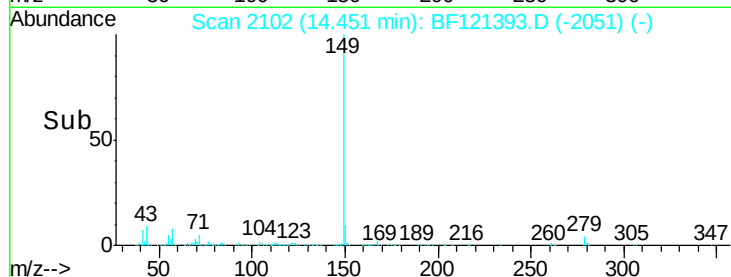
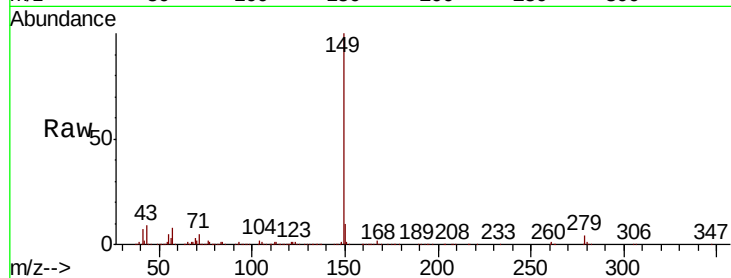
#85
Di-n-octyl phthalate
Concen: 40.296 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.4	11.0

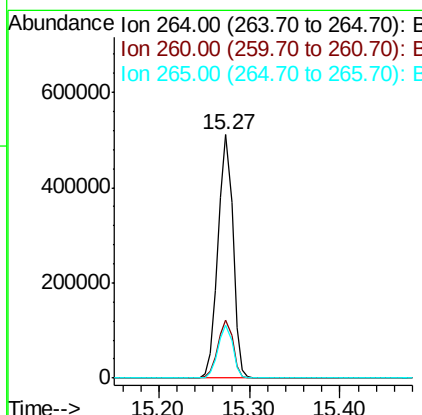
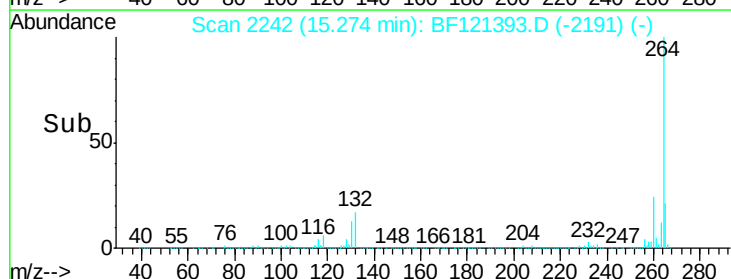
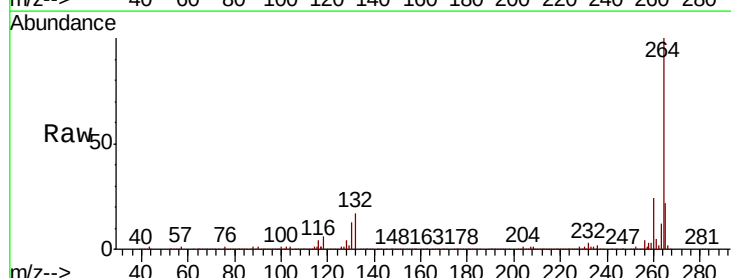
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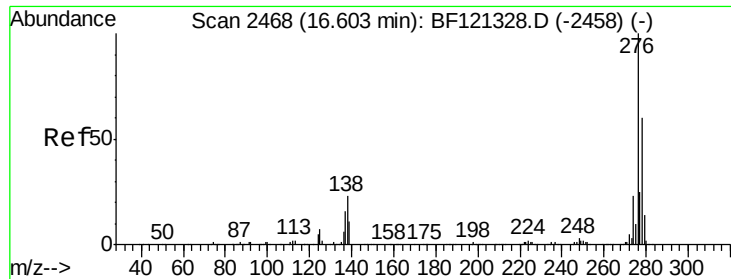
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.5	17.3	25.9





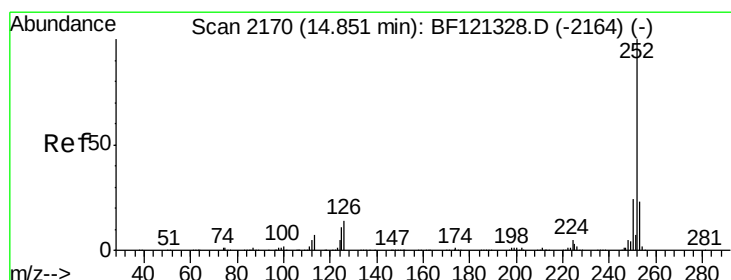
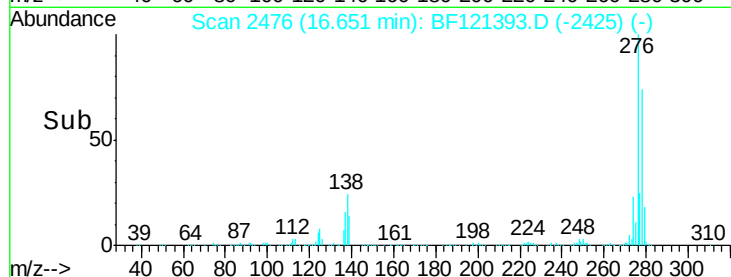
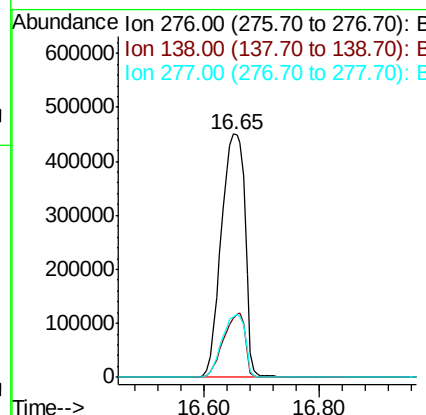
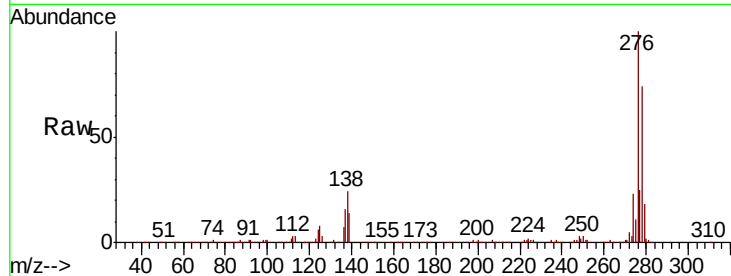
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.295 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB131098BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.4	29.2
277	25.3	20.2	30.4

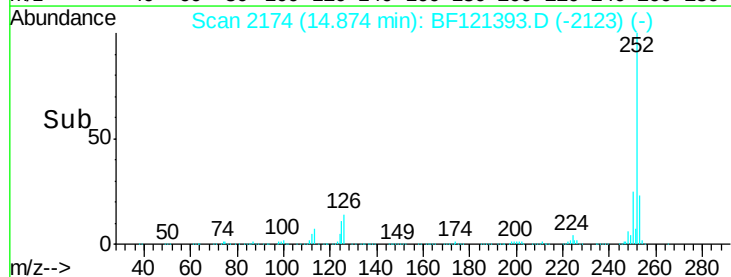
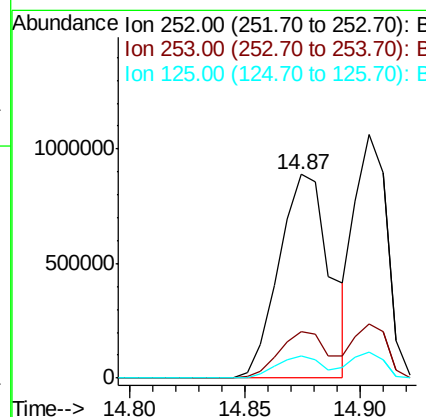
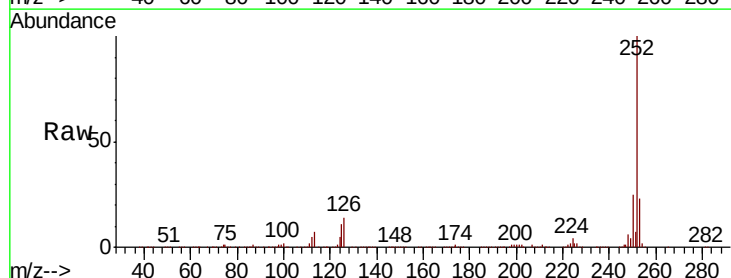
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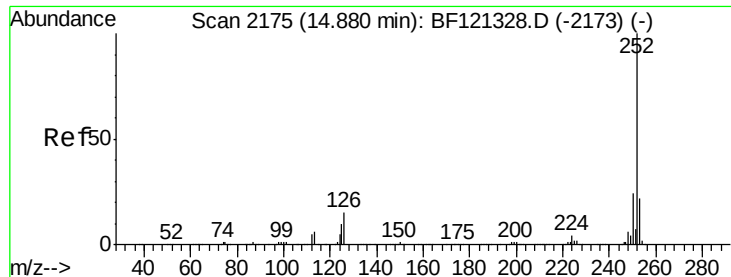
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#88
 Benzo(b)fluoranthene
 Concen: 36.527 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121393.D
 Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.8	8.3	12.5





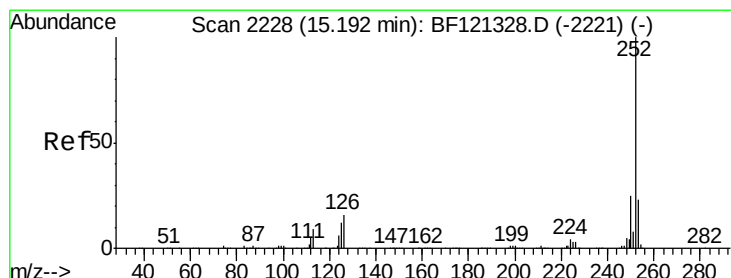
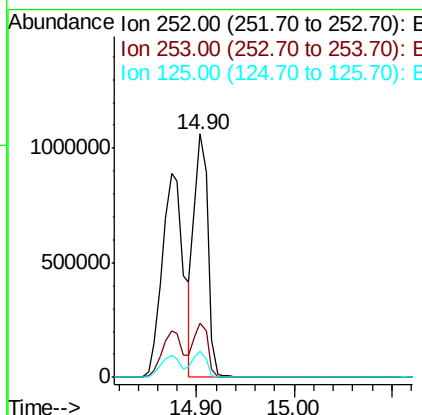
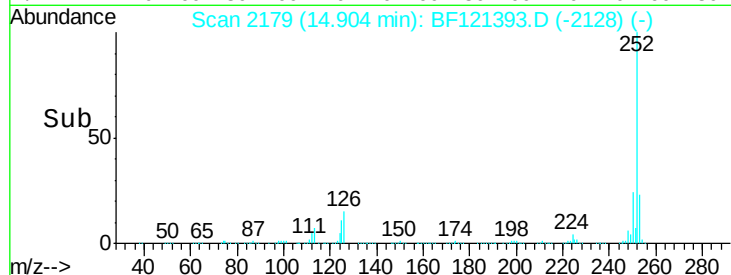
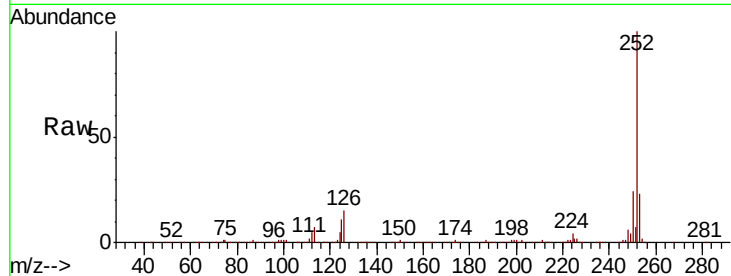
#89
Benzo(k)fluoranthene
Concen: 31.469 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.6	8.4	12.6

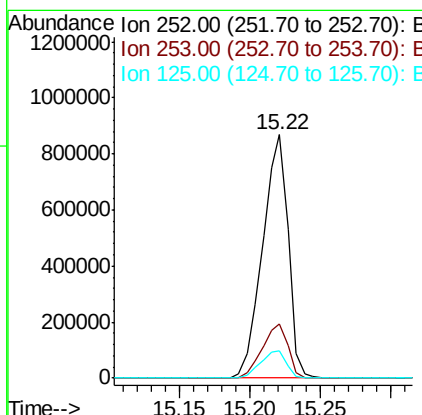
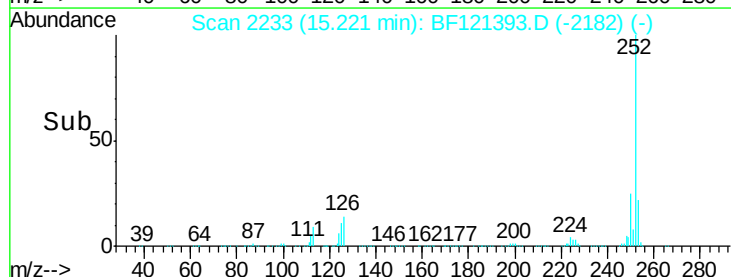
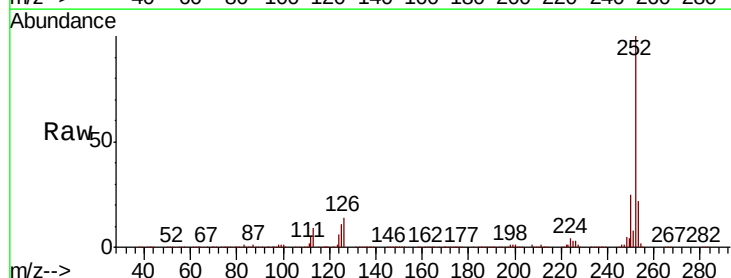
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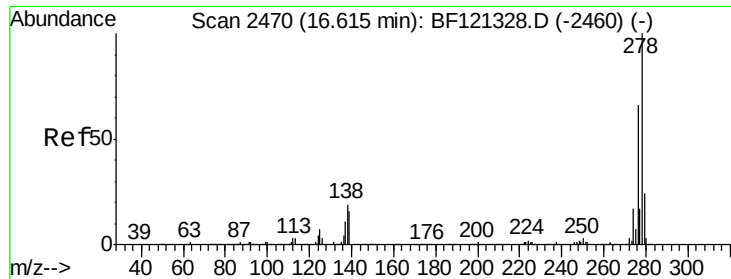
mohammad
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#90
Benzo(a)pyrene
Concen: 34.326 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF121393.D
Acq: 24 Aug 2020 11:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.5	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 35.775 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

Instrument :

BNA_F

ClientSampleId :

PB131098BS

Tot Ion:278 Resp: 1038044

Ion Ratio Lower Upper

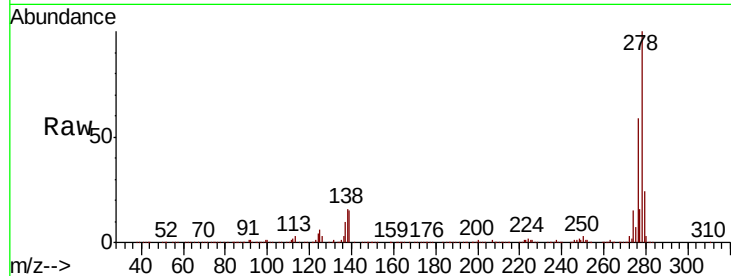
278 100

139 14.6 13.0 19.6

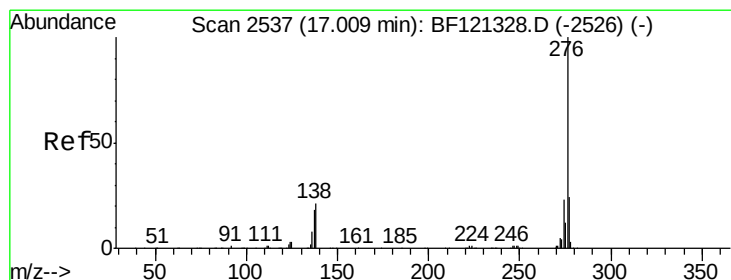
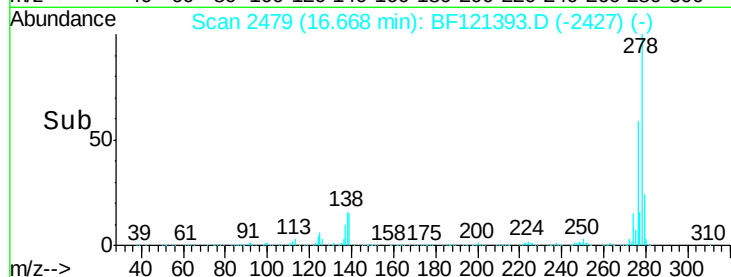
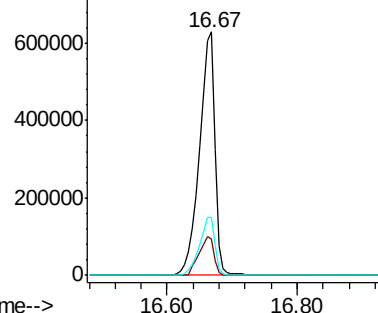
279 24.0 19.3 28.9

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.368 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF121393.D

Acq: 24 Aug 2020 11:36

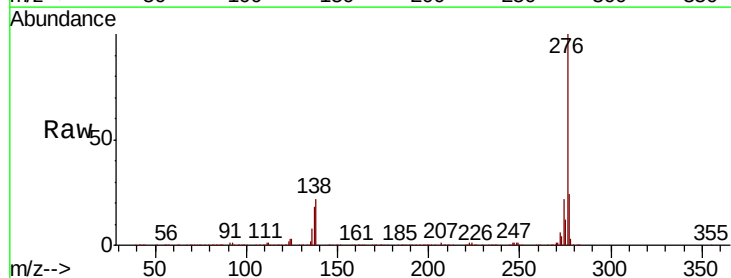
Tgt Ion:276 Resp: 1088374

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 21.7 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

