

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121636.D
 Acq On : 21 Sep 2020 20:09
 Operator : JU/CG
 Sample : L4048-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
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mohammad
 9/22/2020 10:09:05 AM

Quant Time: Sep 22 01:49:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138718	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	540212	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	277632	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	494438	20.00	ng	0.00
76) Chrysene-d12	14.00	240	320771	20.00	ng	0.00
86) Perylene-d12	15.46	264	327338	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	868972	93.10	ng	0.01
7) Phenol-d6	6.46	99	1135167	92.70	ng	0.00
23) Nitrobenzene-d5	7.39	82	776387	77.17	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	340906	98.80	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1370287	74.75	ng	0.00
79) Terphenyl-d14	12.94	244	1215612	76.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	158246	36.902	ng	99
3) Pyridine	3.36	79	442898	37.360	ng	97
4) n-Nitrosodimethylamine	3.30	42	218639	39.760	ng	98
6) Aniline	6.48	93	297146	18.631	ng	# 90
8) 2-Chlorophenol	6.60	128	408030	42.935	ng	97
9) Benzaldehyde	6.36	77	157343	19.654	ng	97
10) Phenol	6.47	94	516382	39.599	ng	87
11) bis(2-Chloroethyl)ether	6.55	93	401321	40.833	ng	99
12) 1,3-Dichlorobenzene	6.76	146	433686	40.885	ng	97
13) 1,4-Dichlorobenzene	6.83	146	437907	41.114	ng	98
14) 1,2-Dichlorobenzene	6.99	146	421969	43.006	ng	100
15) Benzyl Alcohol	6.96	79	361463	43.427	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	619642	39.179	ng	96
17) 2-Methylphenol	7.08	107	332259	41.090	ng	99
18) Hexachloroethane	7.33	117	163086	42.763	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	286425	40.584	ng	98
20) 3+4-Methylphenols	7.23	107	399113	41.080	ng	# 87
22) Acetophenone	7.23	105	540956	39.468	ng	96
24) Nitrobenzene	7.40	77	439097	40.351	ng	96
25) Isophorone	7.65	82	780188	38.521	ng	98
26) 2-Nitrophenol	7.72	139	211300	41.606	ng	94
27) 2,4-Dimethylphenol	7.76	122	353901	39.145	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	497166	39.651	ng	100
29) 2,4-Dichlorophenol	7.96	162	333185	40.463	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	350116	40.371	ng	98
31) Naphthalene	8.13	128	1177821	41.302	ng	100
32) Benzoic acid	7.87	122	93665	18.815	ng	# 78
33) 4-Chloroaniline	8.17	127	218711	17.693	ng	97
34) Hexachlorobutadiene	8.24	225	212801	41.805	ng	97
35) Caprolactam	8.56	113	100796m	36.758	ng	
36) 4-Chloro-3-methylphenol	8.67	107	356152	40.150	ng	98
37) 2-Methylnaphthalene	8.82	142	829696	44.397	ng	99
38) 1-Methylnaphthalene	8.92	142	717283	41.240	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	349258	40.273	ng	99

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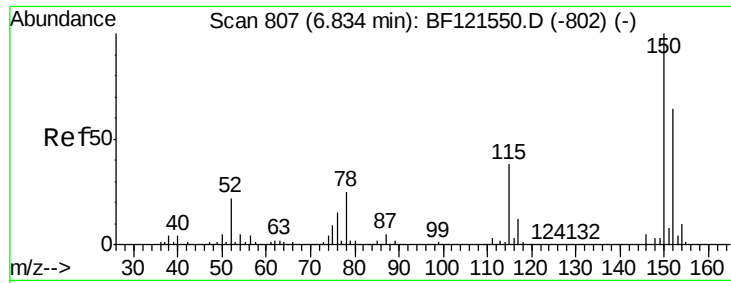
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	258826	52.261	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	237279	40.141	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	245910	39.351	nq	97
46) 1,1'-Biphenyl	9.29	154	892623	40.161	nq	99
47) 2-Chloronaphthalene	9.31	162	686269	39.182	nq	99
48) 2-Nitroaniline	9.40	65	231123	42.464	nq	95
49) Acenaphthylene	9.73	152	1065691	39.600	nq	100
50) Dimethylphthalate	9.59	163	906283	45.039	nq	100
51) 2,6-Dinitrotoluene	9.65	165	179635	41.918	nq	92
52) Acenaphthene	9.90	154	631069	37.127	nq	100
53) 3-Nitroaniline	9.82	138	128249	25.834	nq	96
54) 2,4-Dinitrophenol	9.93	184	72163	34.942	nq	96
55) Dibenzofuran	10.07	168	951594	39.755	nq	100
56) 4-Nitrophenol	9.99	139	275506	69.589	nq	91
57) 2,4-Dinitrotoluene	10.05	165	235368	43.657	nq	93
58) Fluorene	10.42	166	732947	40.041	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	192939	37.978	nq	# 100
60) Diethylphthalate	10.29	149	791452	40.341	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	350246	39.942	nq	99
62) 4-Nitroaniline	10.43	138	168703	34.226	nq	100
63) Azobenzene	10.57	77	789588	37.793	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	77414	28.725	nq	87
66) n-Nitrosodiphenylamine	10.53	169	682386	40.228	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	233133	41.413	nq	93
68) Hexachlorobenzene	10.96	284	259388	40.830	nq	98
69) Atrazine	11.05	200	161883	38.412	nq	98
70) Pentachlorophenol	11.16	266	202761	58.115	nq	99
71) Phenanthrene	11.37	178	1160755	43.088	nq	100
72) Anthracene	11.43	178	1105694	39.773	nq	100
73) Carbazole	11.59	167	959812	38.260	nq	99
74) Di-n-butylphthalate	11.92	149	1177223	40.658	nq	100
75) Fluoranthene	12.57	202	1216289	42.295	nq	99
77) Benzidine	12.69	184	249461	23.458	nq	96
78) Pyrene	12.80	202	1180542	50.372	nq	100
80) Butylbenzylphthalate	13.42	149	421619	44.482	nq	98
81) Benzo(a)anthracene	13.99	228	901660	44.431	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	177358	22.386	nq	99
83) Chrysene	14.02	228	888832	43.252	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	540509	42.686	nq	99
85) Di-n-octyl phthalate	14.59	149	870307	38.946	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1073981	50.381	nq	99
88) Benzo(b)fluoranthene	15.03	252	1030702	47.101	nq	99
89) Benzo(k)fluoranthene	15.06	252	750729	37.463	nq	99
90) Benzo(a)pyrene	15.40	252	833078	44.786	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	853472	48.096	nq	99
92) Benzo(g,h,i)perylene	17.36	276	931357	53.394	nq	99

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



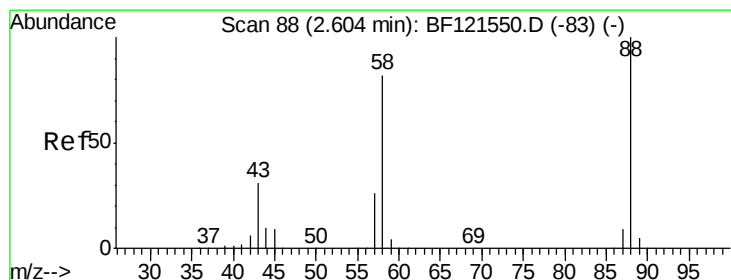
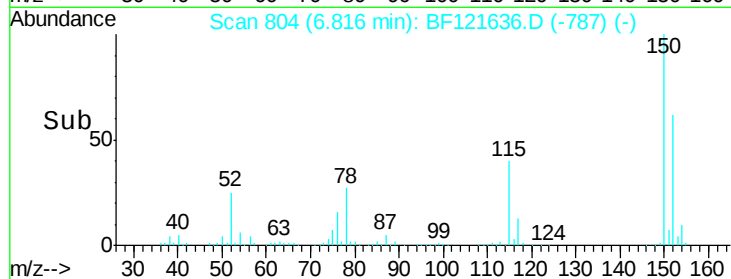
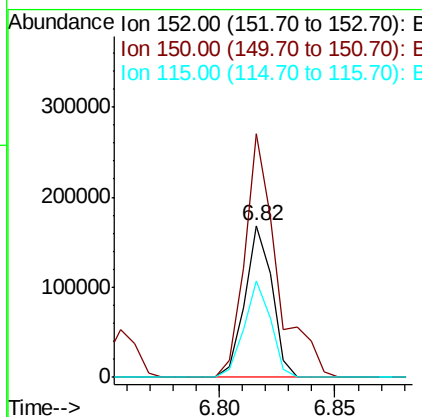
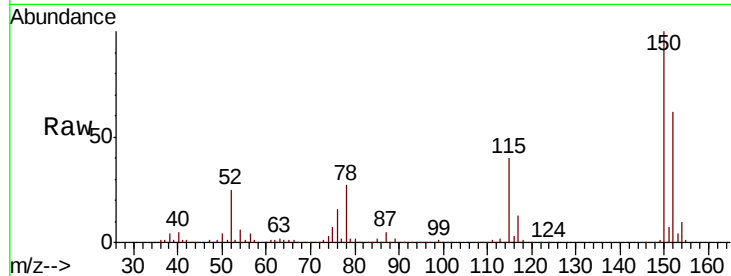
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	128.1	192.1
115	63.6	52.6	79.0

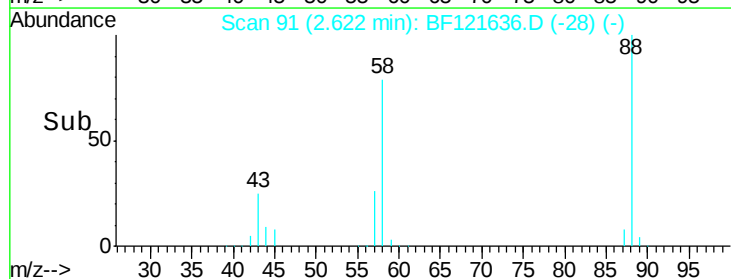
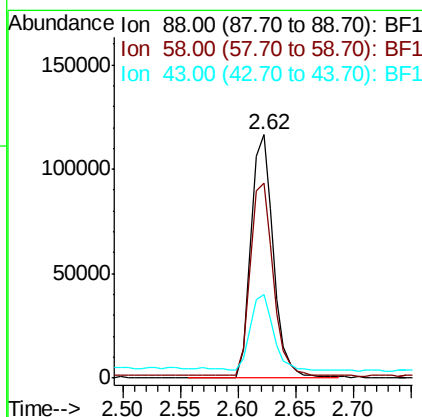
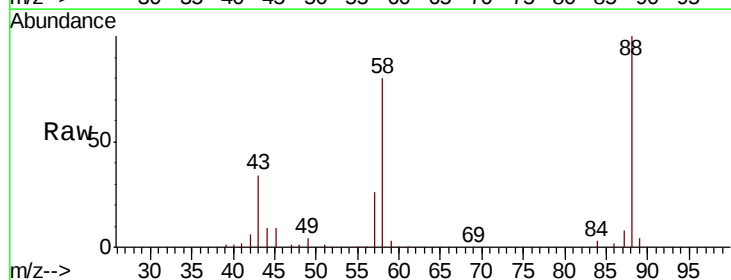
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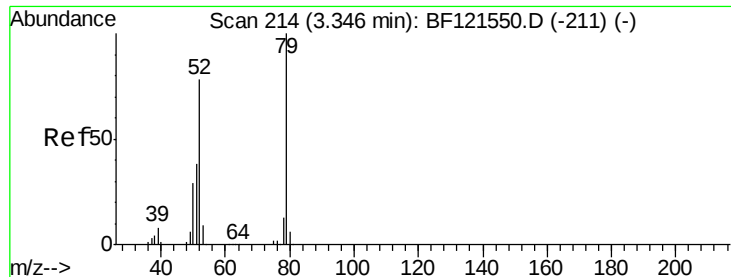
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#2
 1,4-Dioxane
 Concen: 36.902 ng
 RT: 2.62 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	65.4	98.0
43	31.0	24.9	37.3





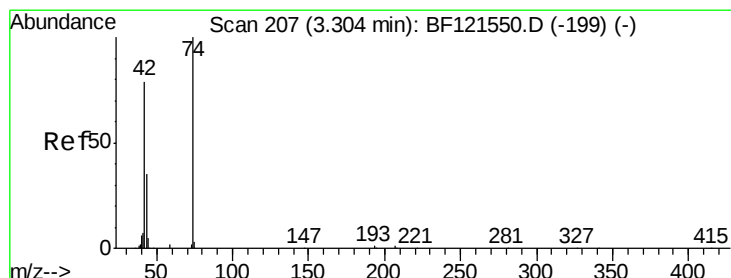
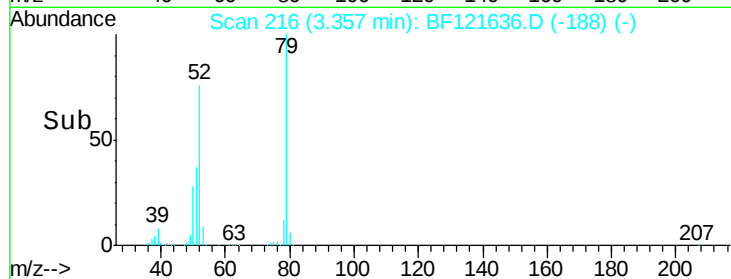
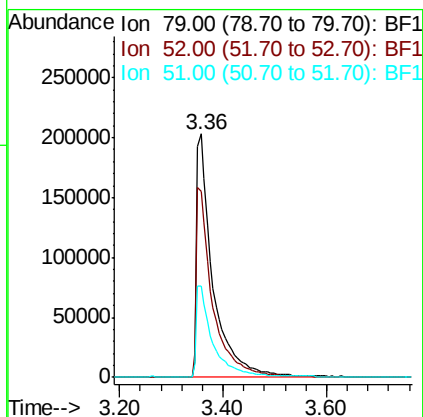
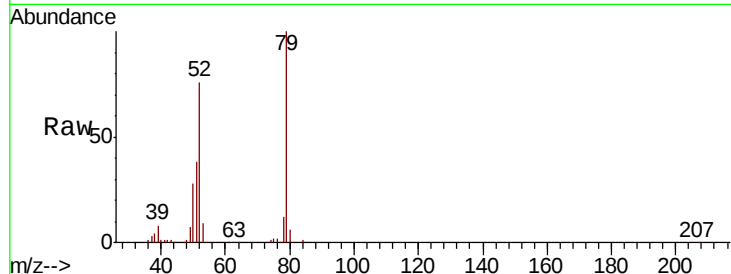
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 Pvridine
 Concen: 37.360 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.06 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.3	63.4	95.0
51	37.6	30.7	46.1

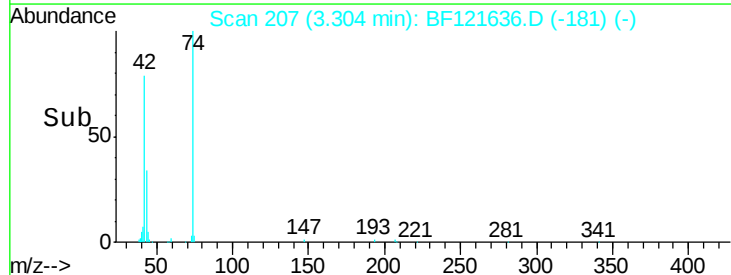
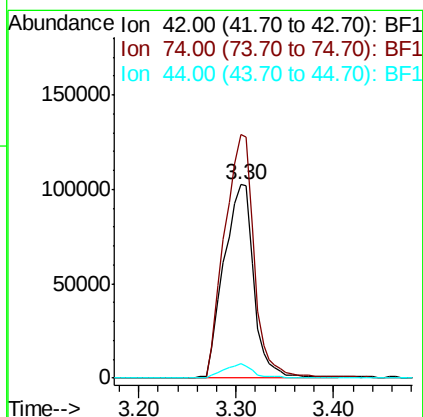
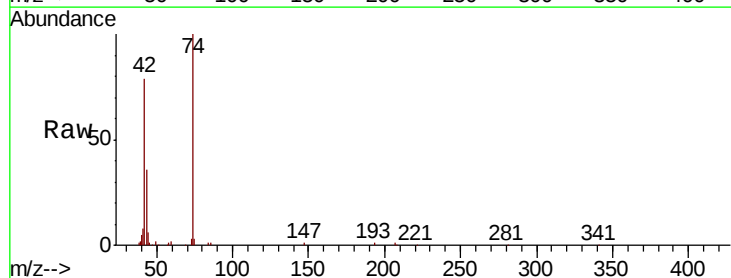
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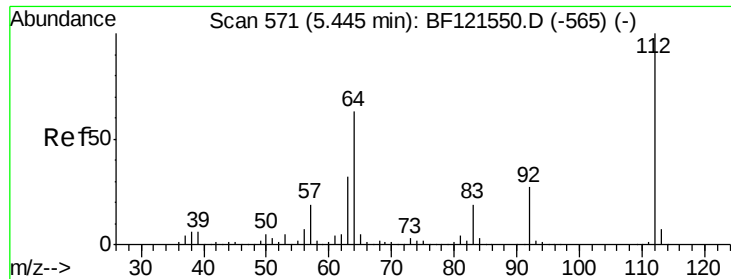
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#4
 n-Nitrosodimethylamine
 Concen: 39.760 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.05 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.9	102.6	154.0
44	7.2	6.0	9.0





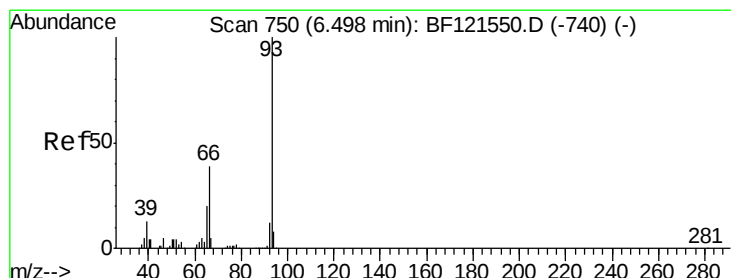
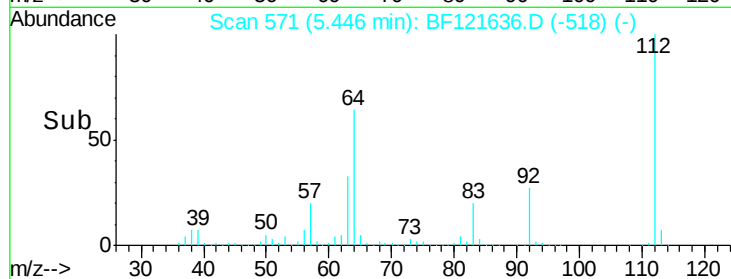
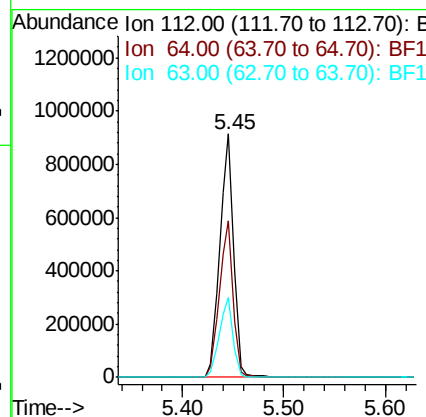
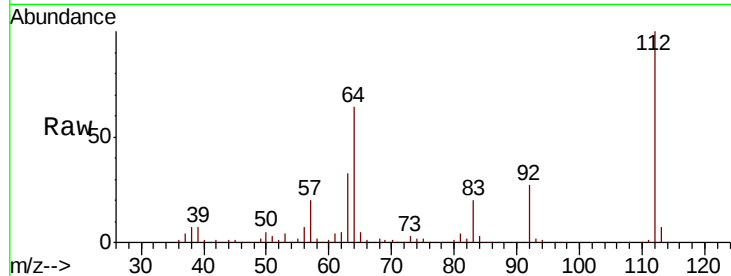
#5
2-Fluorophenol
Concen: 93.095 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	868972		
64	64.1	52.2	78.2	
63	32.8	26.6	39.8	

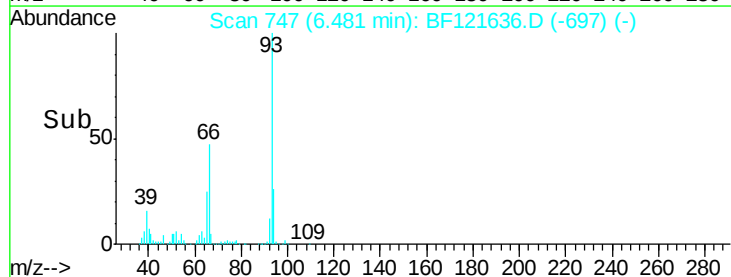
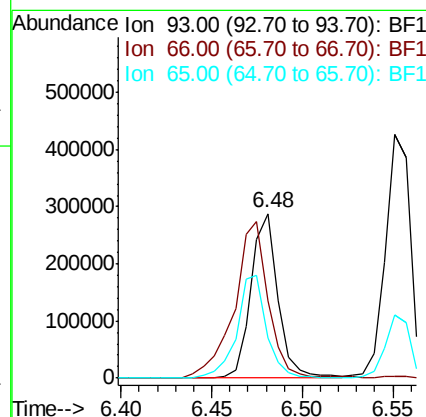
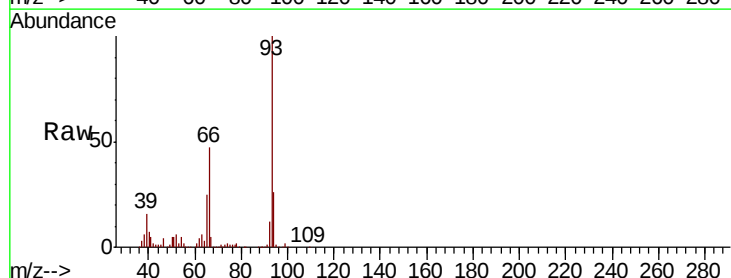
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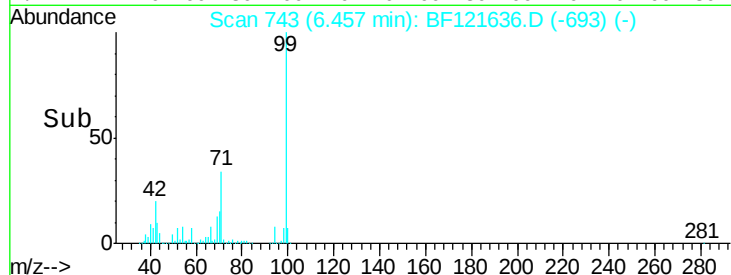
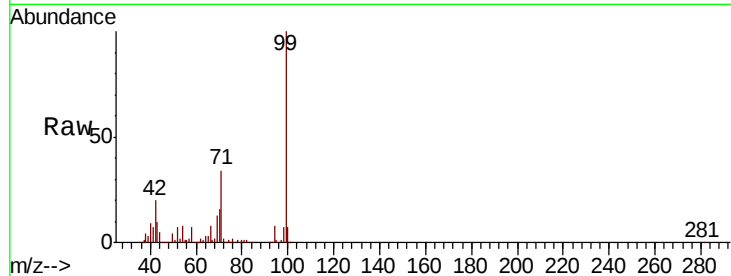
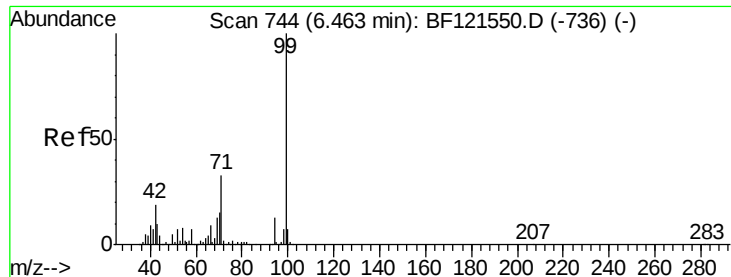
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#6
Aniline
Concen: 18.631 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	297146		
66	46.6	31.9	47.9	
65	24.6	16.1	24.1	





#7

Phenol-d6

Concen: 92.698 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Tot Ion:	99	Resp:	1135167
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.5	23.3
71	34.5	27.4	41.2

Instrument :

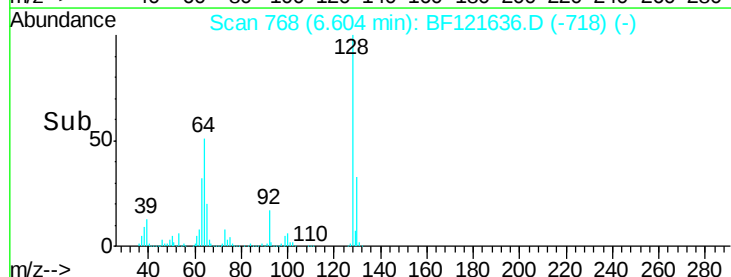
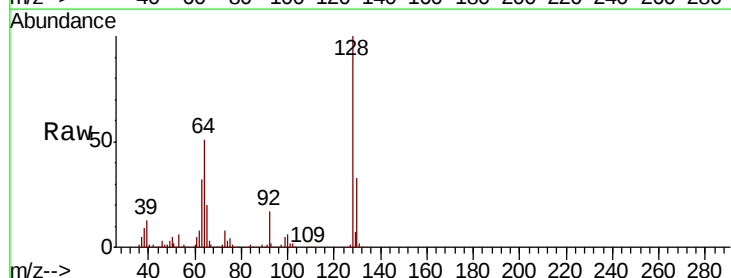
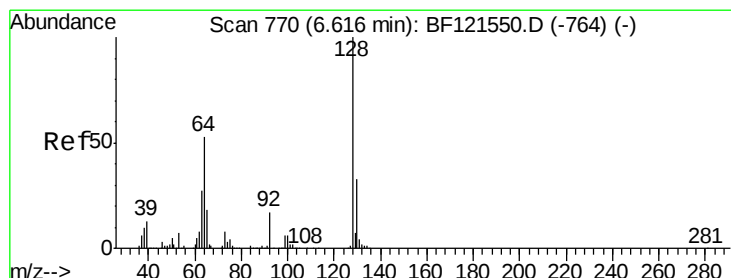
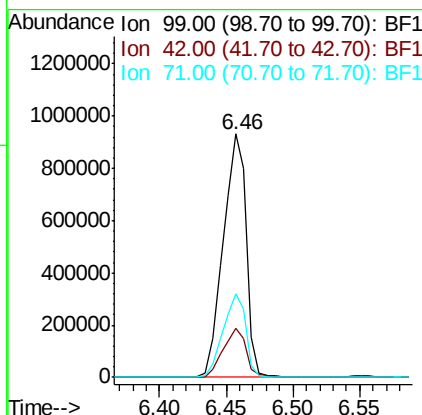
BNA_F

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#8

2-Chlorophenol

Concen: 42.935 ng

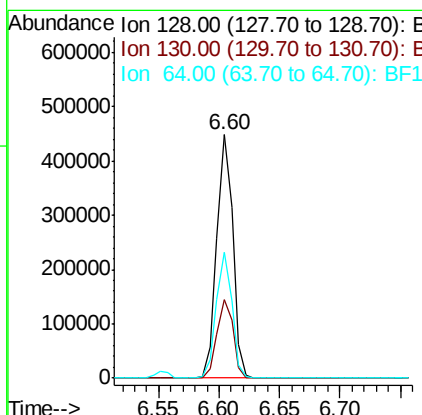
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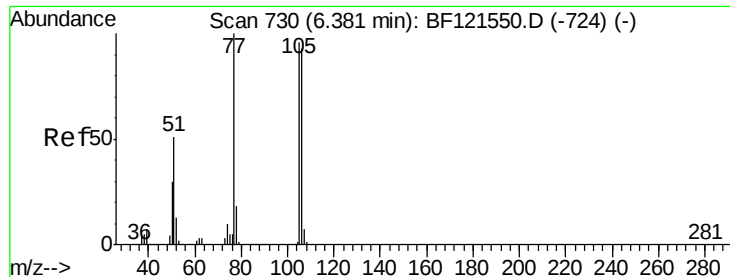
Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Tgt Ion:	128	Resp:	408030
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	51.5	29.3	69.3





#9

Benzaldehyde

Concen: 19.654 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

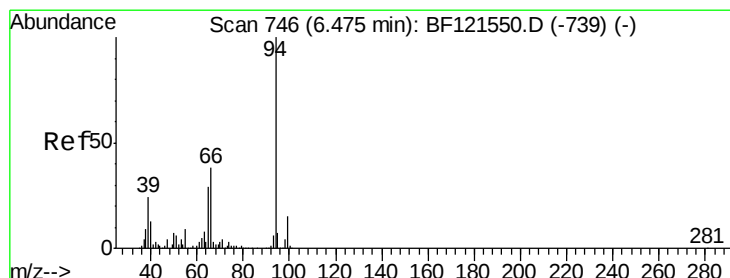
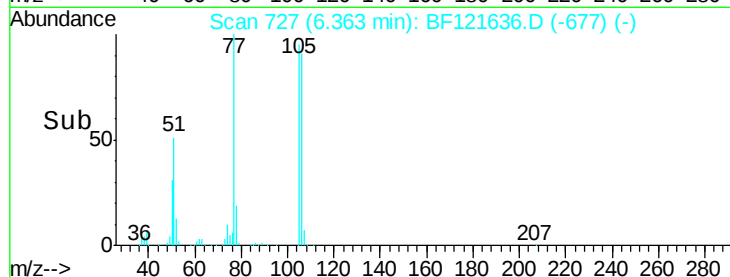
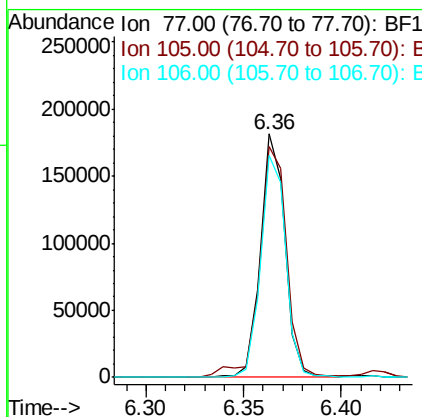
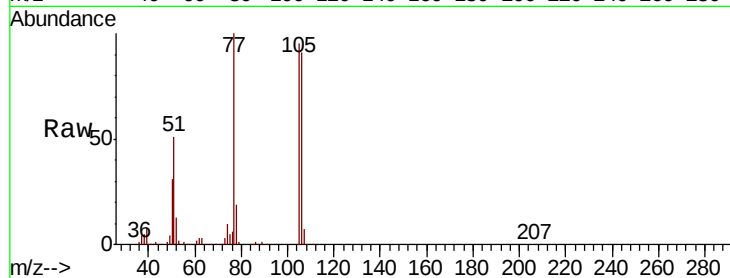
ClientSampleID :

WC-1MSD

Tot Ion:	77	Resp:	157343
Ion	Ratio	Lower	Upper
77	100		
105	94.7	79.2	119.2
106	90.9	72.9	112.9

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#10

Phenol

Concen: 39.599 ng

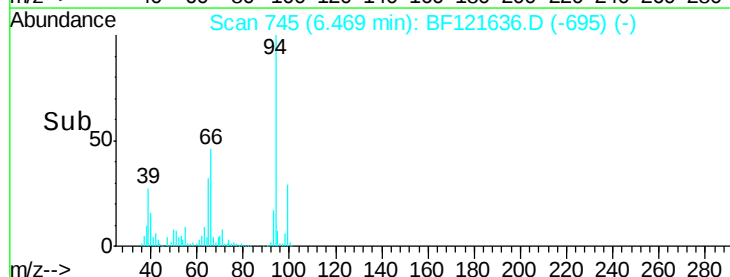
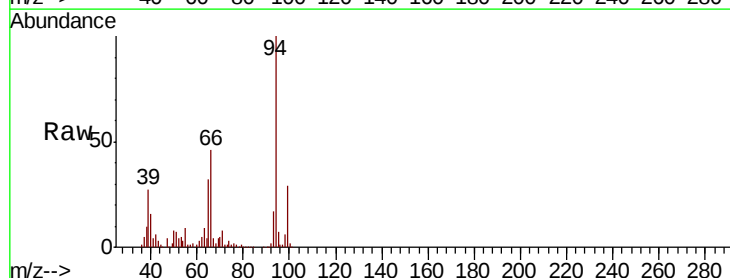
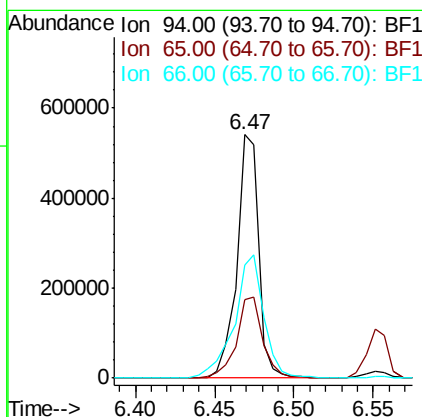
RT: 6.47 min Scan# 745

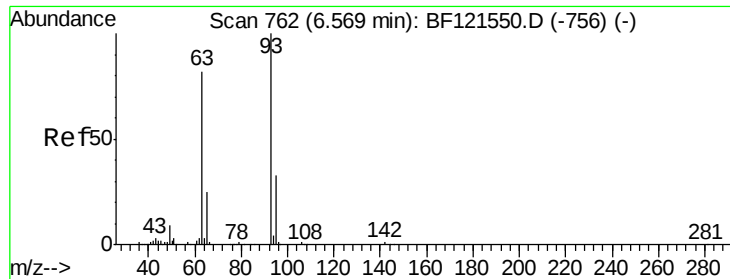
Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Tgt Ion:	94	Resp:	516382
Ion	Ratio	Lower	Upper
94	100		
65	32.2	17.8	57.8
66	46.4	37.8	77.8





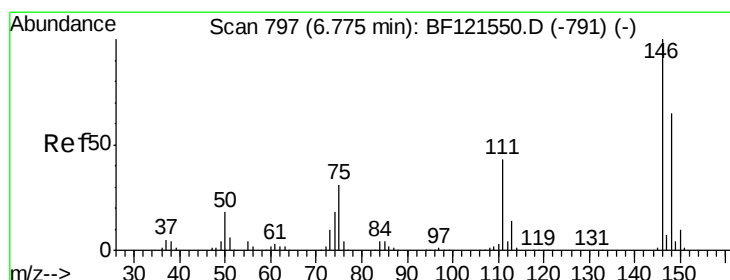
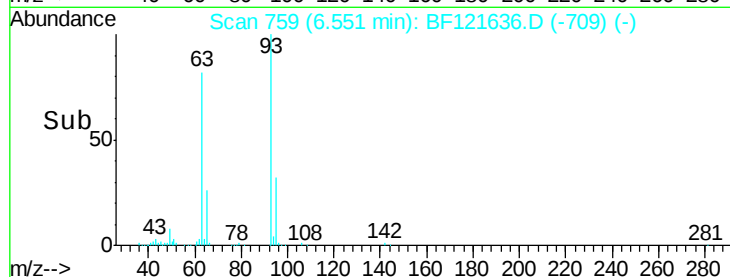
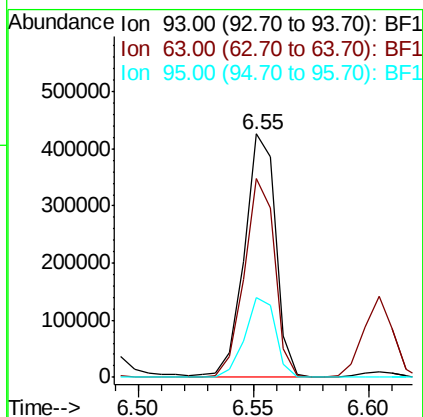
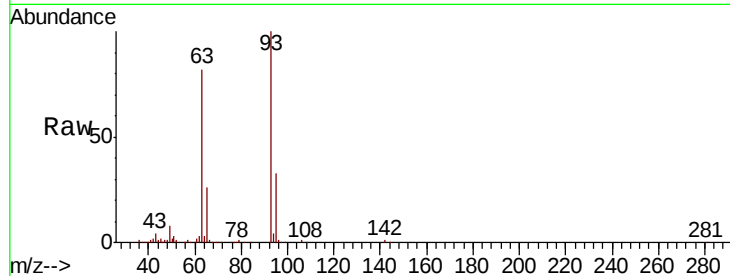
#11
bis(2-Chloroethyl)ether
Concen: 40.833 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:	93	Resp:	401321
Ion	Ratio	Lower	Upper
93	100		
63	81.8	60.3	100.3
95	32.7	12.6	52.6

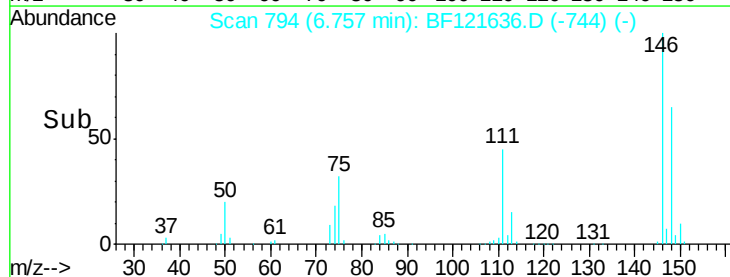
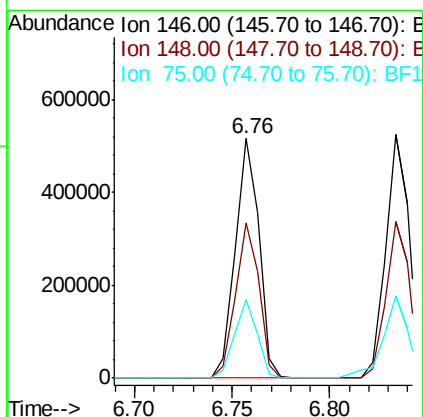
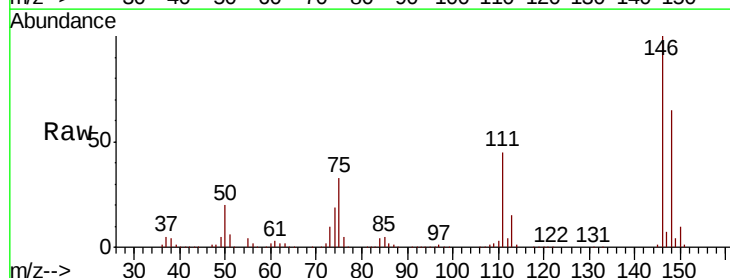
Manual Integrations
APPROVED

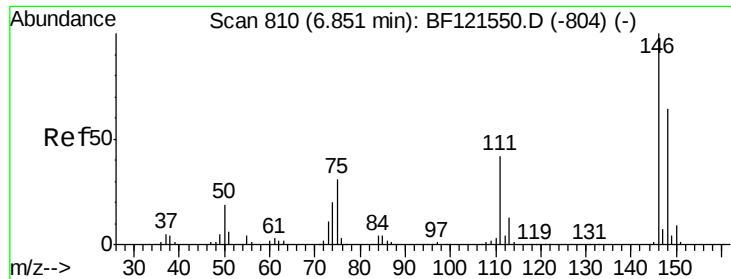
mohammad
9/22/2020 10:09:05 AM



#12
1,3-Dichlorobenzene
Concen: 40.885 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion:	146	Resp:	433686
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	32.7	23.5	35.3





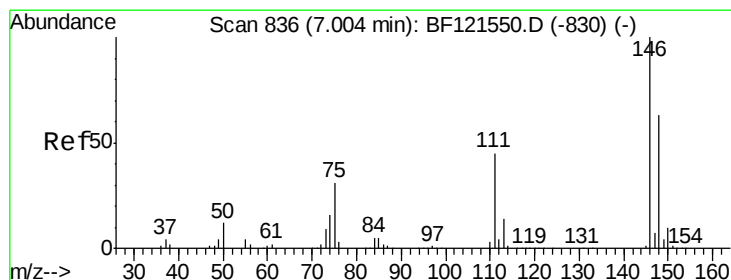
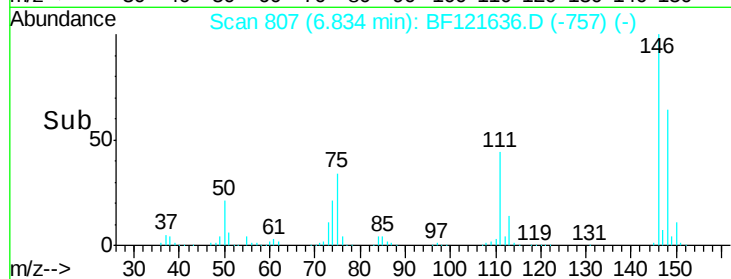
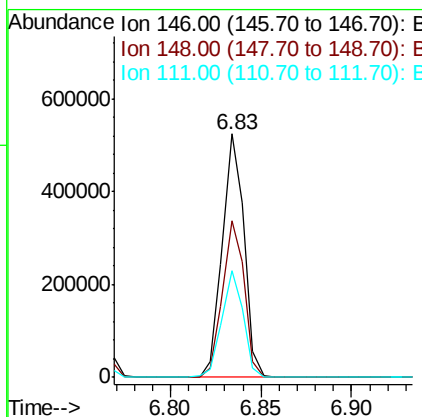
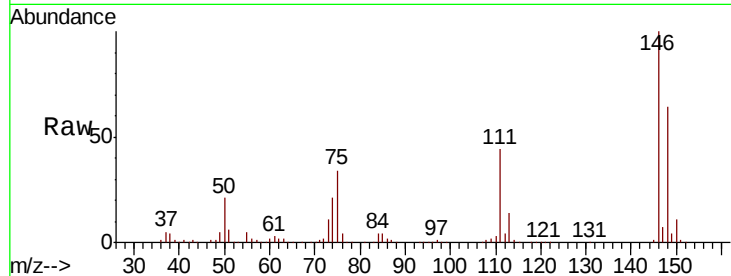
#13
1,4-Dichlorobenzene
Concen: 41.114 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	43.8	32.7	49.1

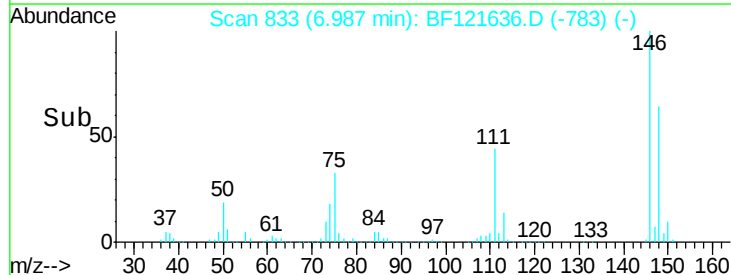
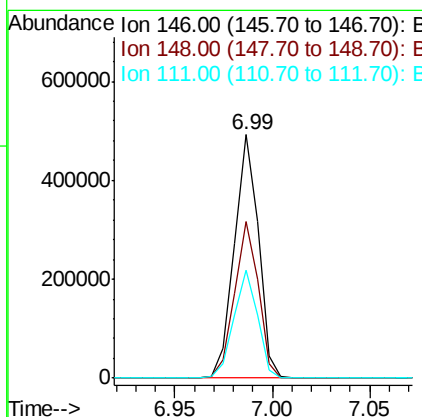
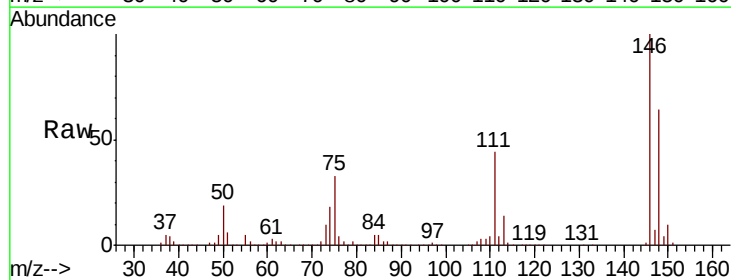
Manual Integrations
APPROVED

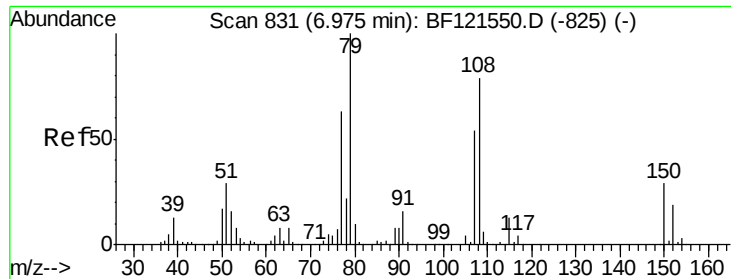
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.006 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	44.3	35.5	53.3





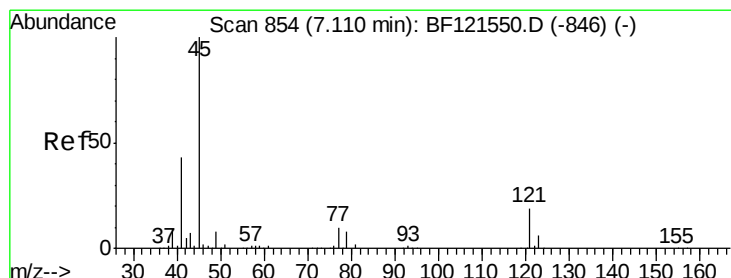
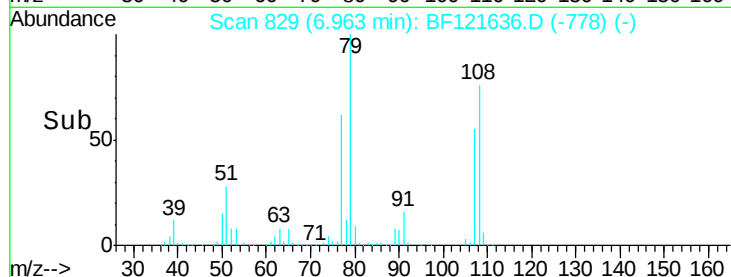
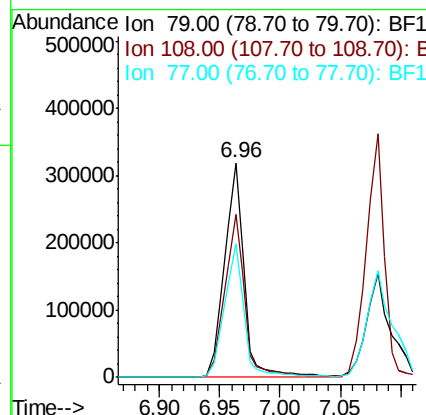
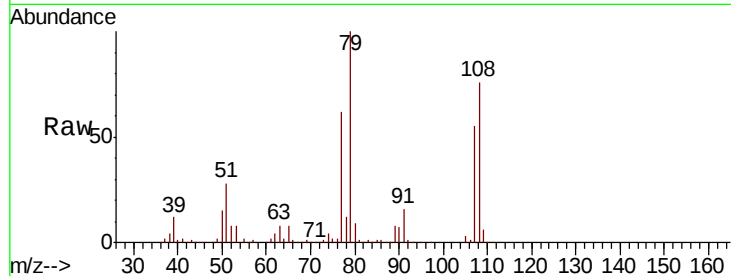
#15
Benzyl Alcohol
Concen: 43.427 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	60.2	90.2
77	62.0	50.6	76.0

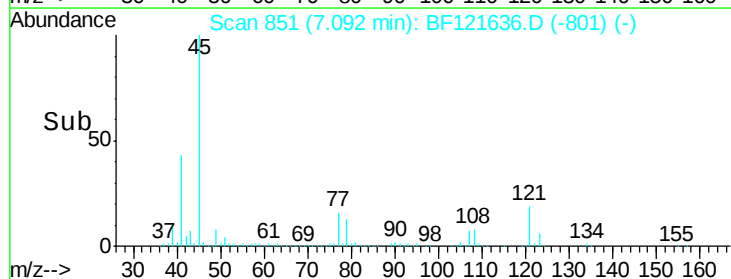
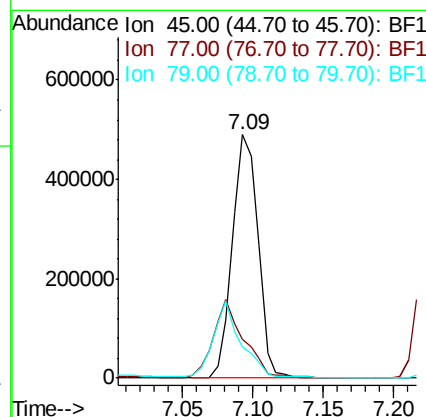
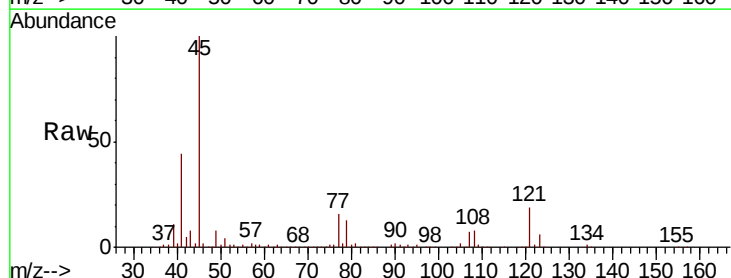
Manual Integrations
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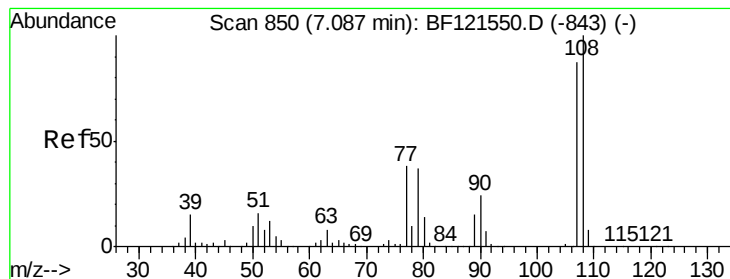
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.179 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	33.8
79	12.7	0.0	31.2





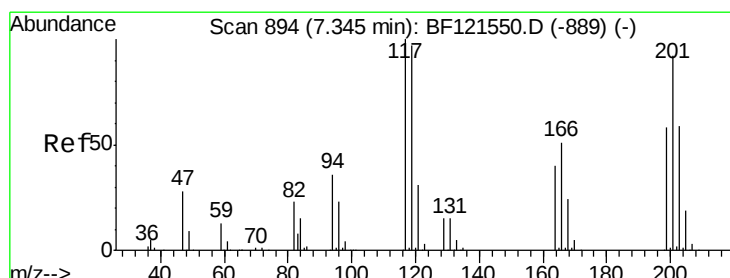
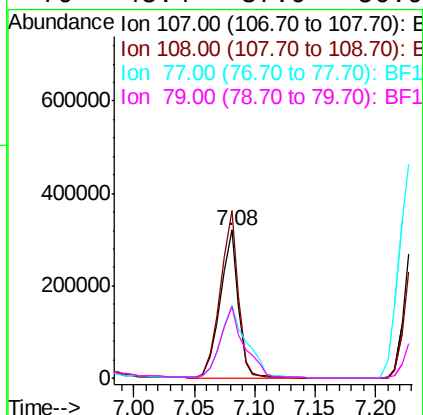
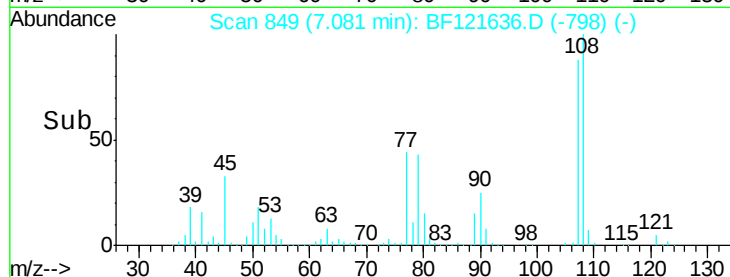
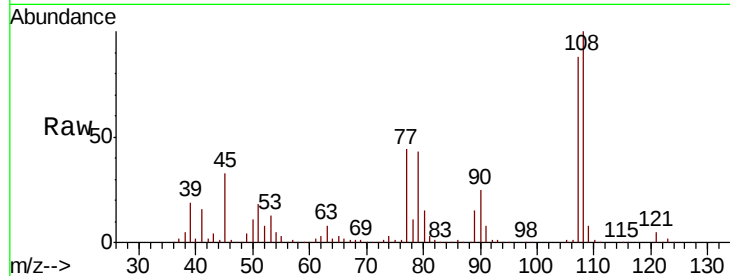
#17
2-Methylphenol
Concen: 41.090 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	90.6	135.8	
77	49.6	38.7	58.1	
79	48.4	37.9	56.9	

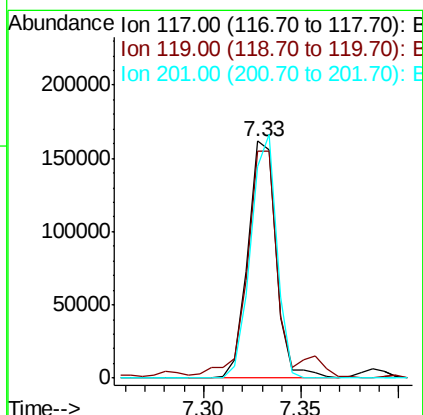
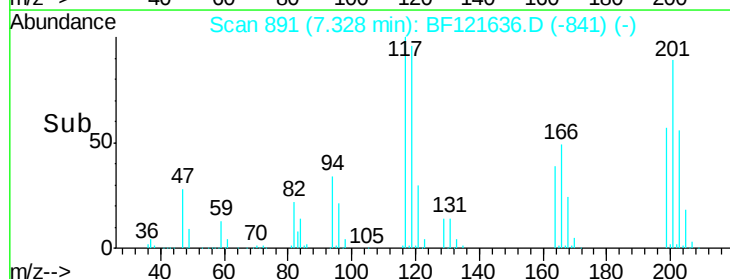
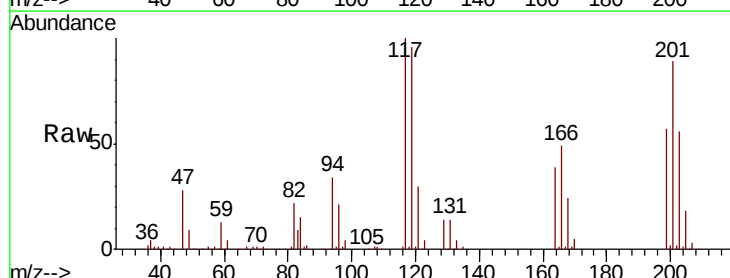
Manual Integrations
APPROVED

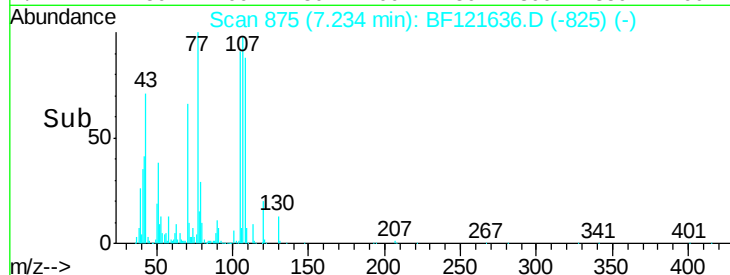
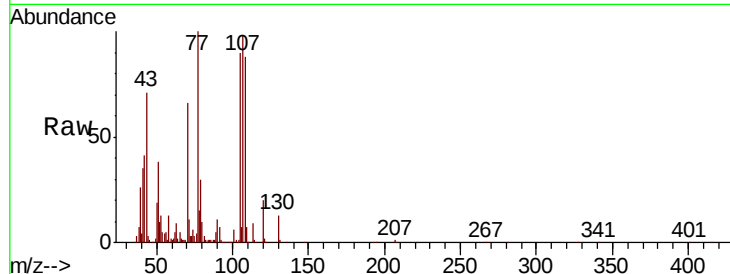
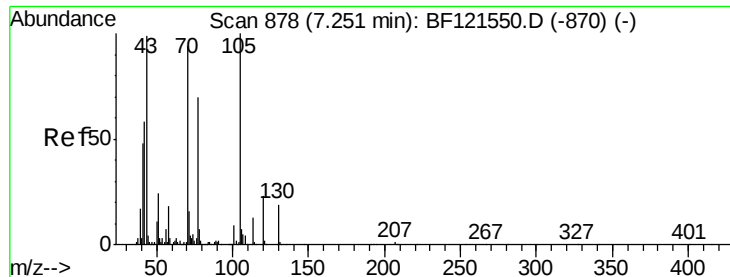
mohammad
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#18
Hexachloroethane
Concen: 42.763 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.7	113.5	
201	89.4	77.5	116.3	





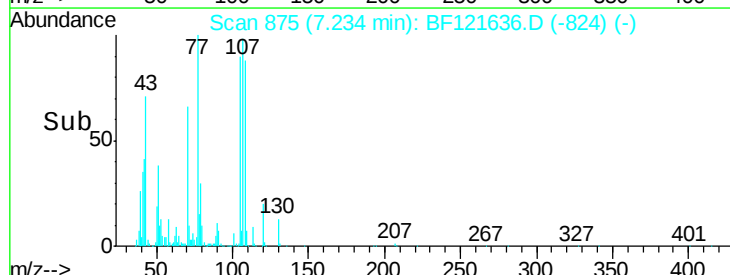
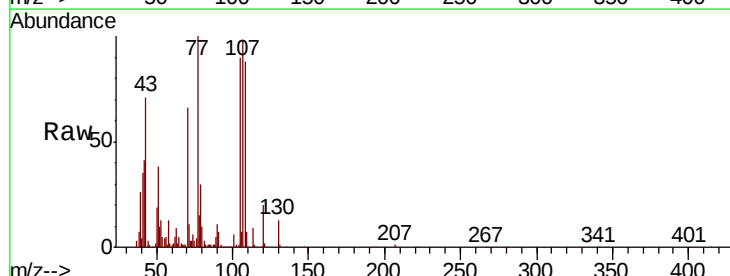
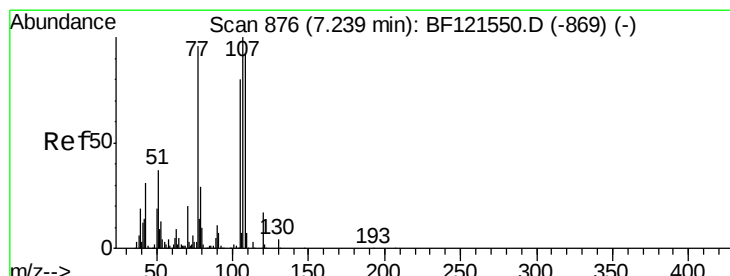
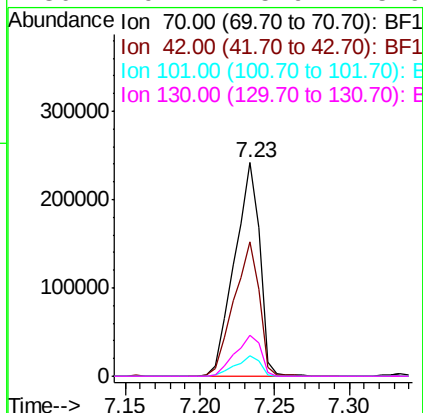
#19
n-Nitroso-di-n-propylamine
Concen: 40.584 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.7	48.3	72.5	
101	9.7	7.6	11.4	
130	19.2	15.9	23.9	

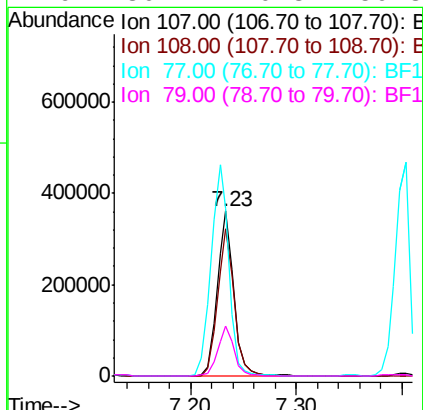
Manual Integrations
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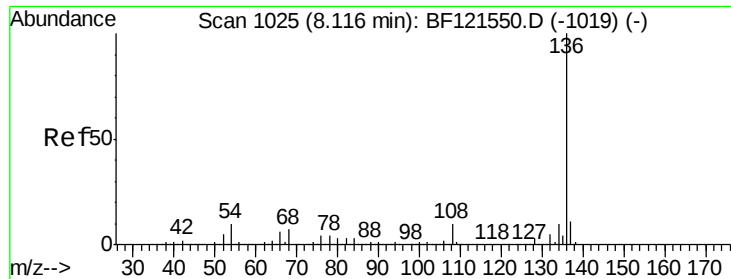
mohammad
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#20
3+4-Methylphenols
Concen: 41.080 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	67.0	107.0	
77	101.8	107.7	147.7	
79	30.4	10.3	50.3	





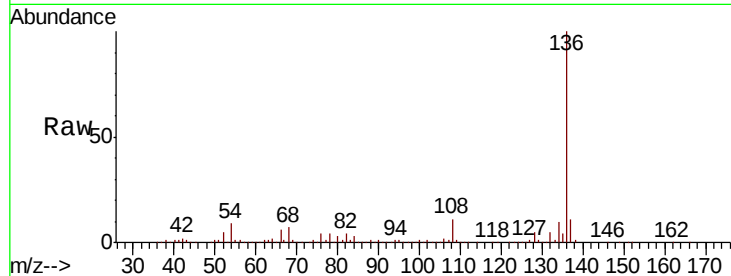
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		540212		
137	10.7	8.9	13.3		
54	9.2	7.4	11.0		
68	6.8	5.3	7.9		

Manual Integrations
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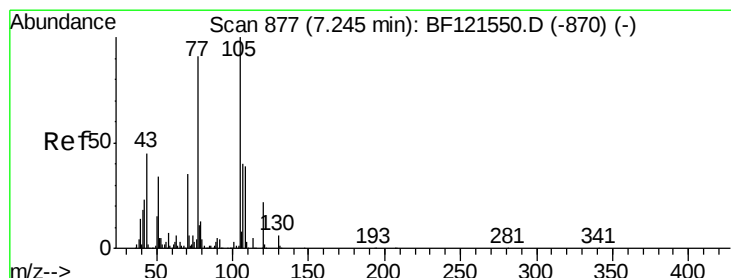
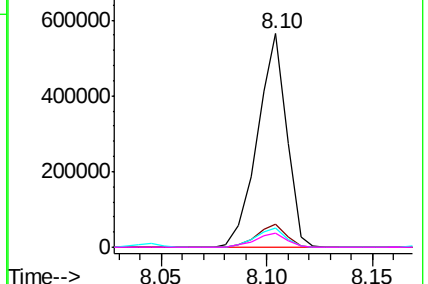
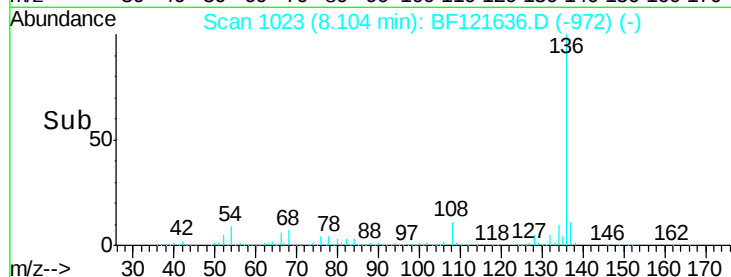
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

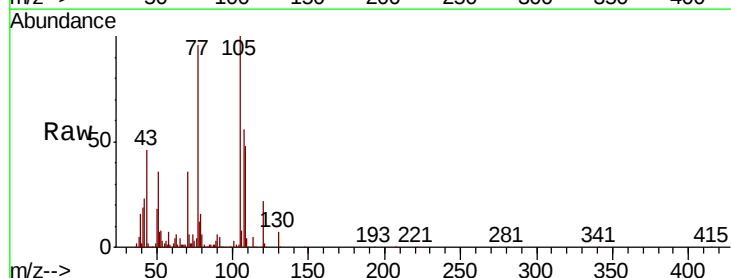
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.468 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		540956		
71	6.1	5.5	8.3		
51	36.2	31.7	47.5		
120	22.0	17.4	26.2		



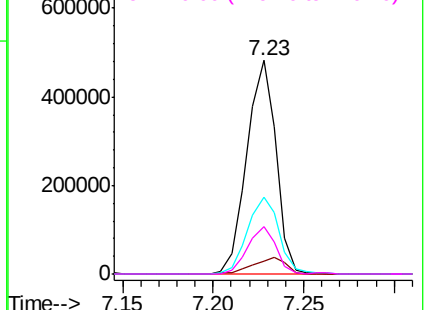
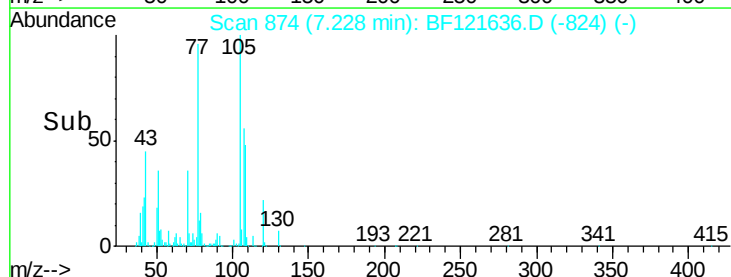
Abundance

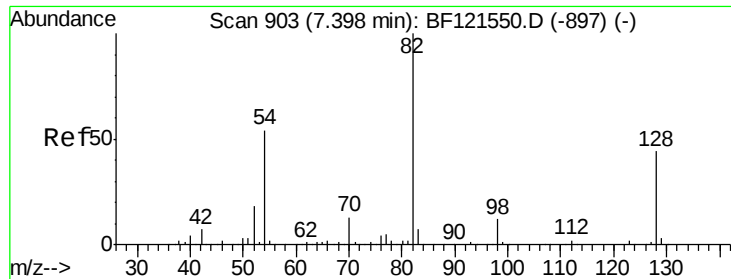
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





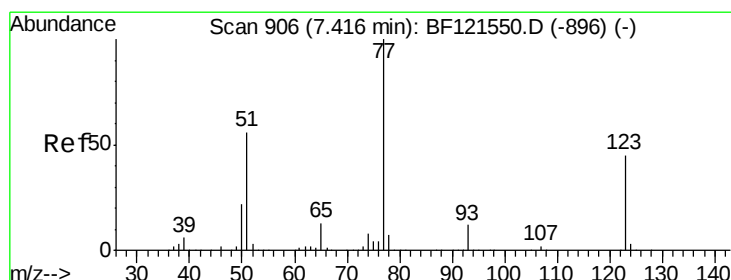
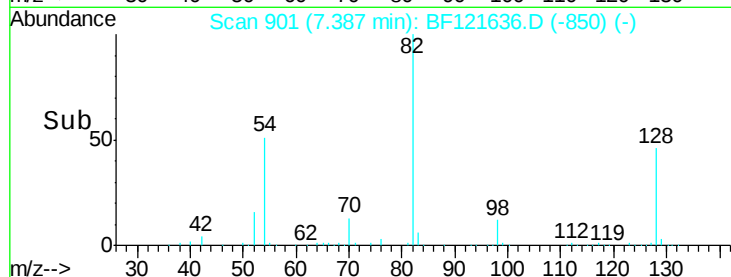
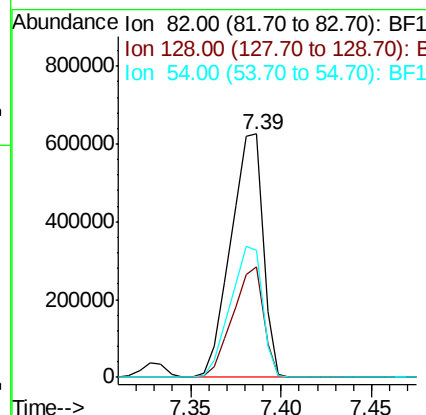
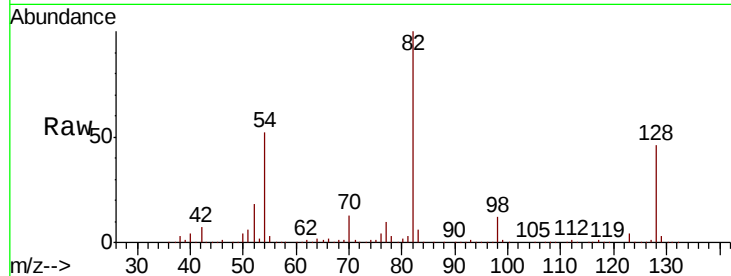
#23
Nitrobenzene-d5
Concen: 77.165 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.9	50.9
54	52.4	42.9	64.3

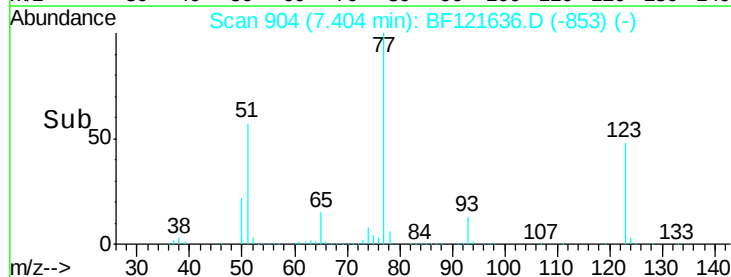
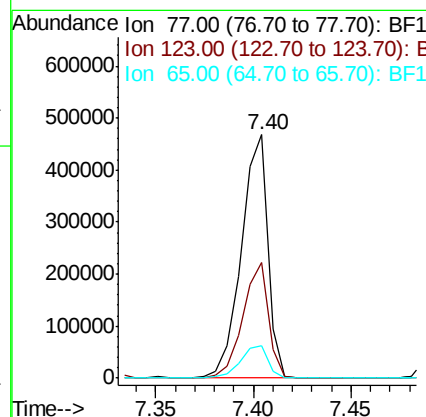
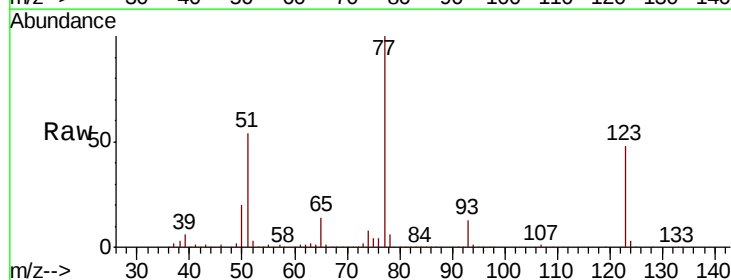
Manual Integrations
APPROVED

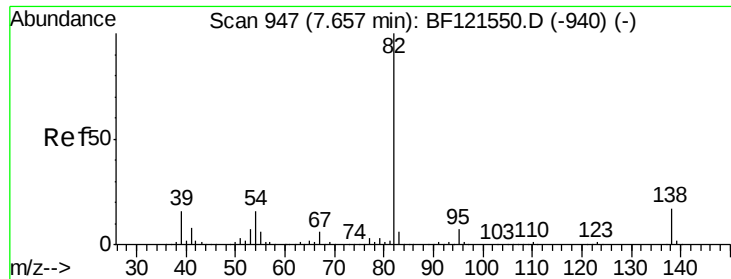
mohammad
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#24
Nitrobenzene
Concen: 40.351 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.8	53.8
65	13.6	11.2	16.8





#25

Isophorone

Concen: 38.521 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

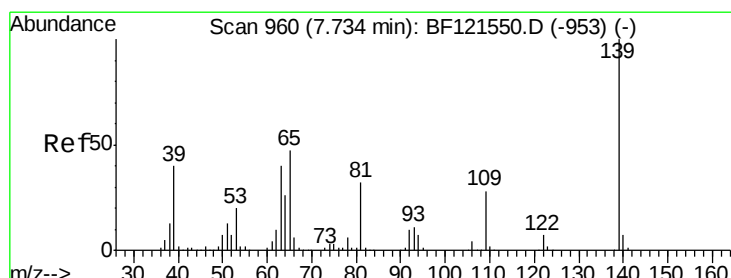
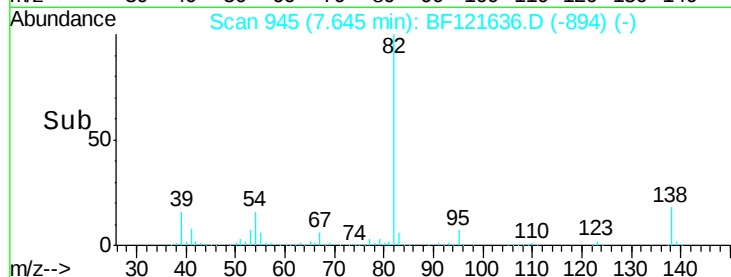
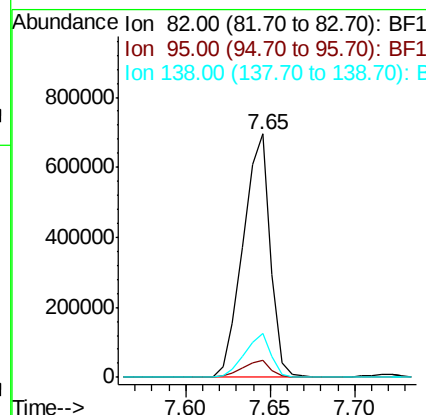
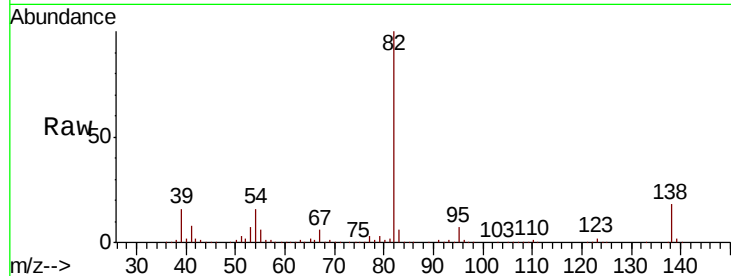
ClientSampleId :

WC-1MSD

Tot Ion:	82	Resp:	780188
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	17.9	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.606 ng

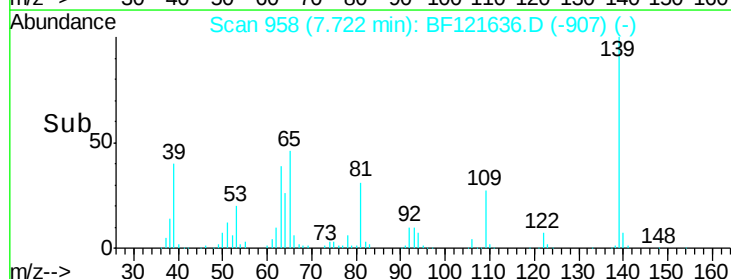
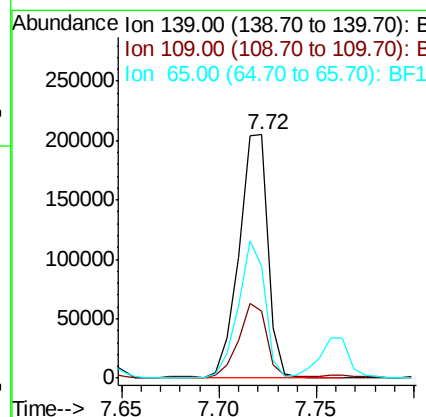
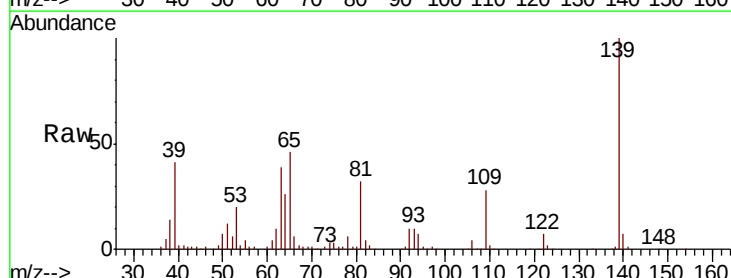
RT: 7.72 min Scan# 958

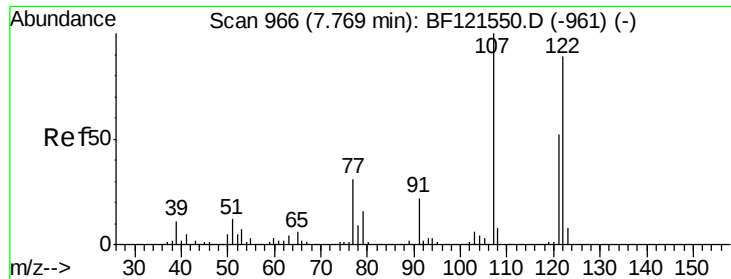
Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Tgt Ion:	139	Resp:	211300
Ion Ratio	Lower	Upper	
139	100		
109	27.8	23.4	35.2
65	46.1	41.0	61.4





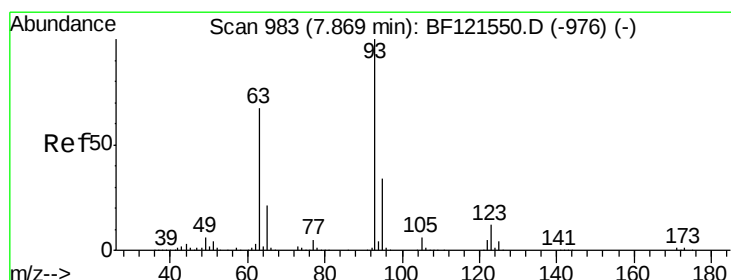
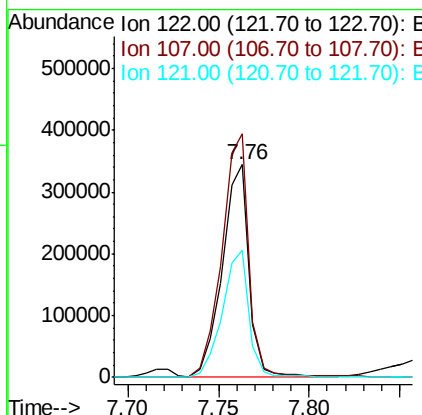
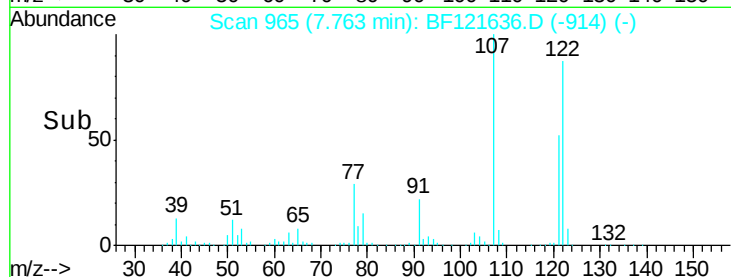
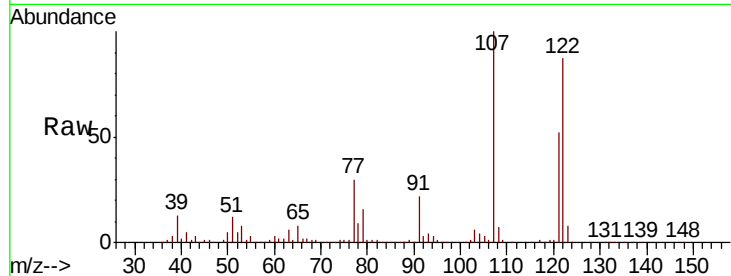
#27
2,4-Dimethylphenol
Concen: 39.145 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.4	137.0
121	59.7	46.2	69.2

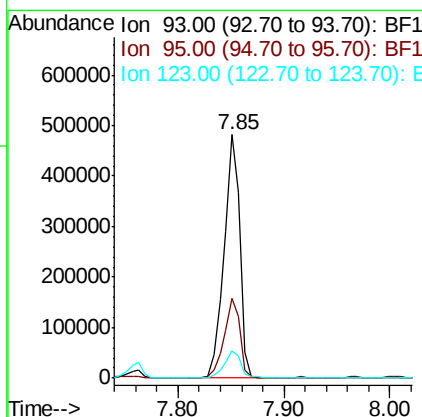
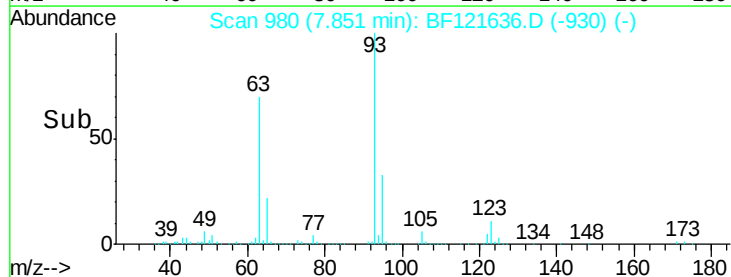
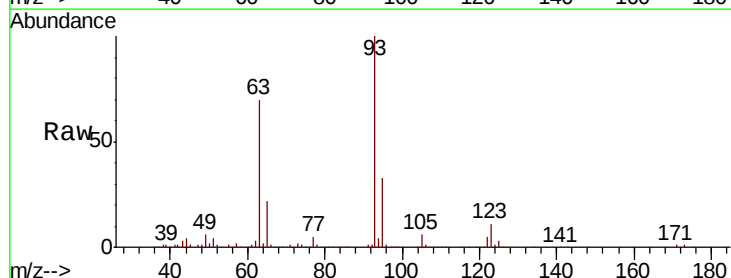
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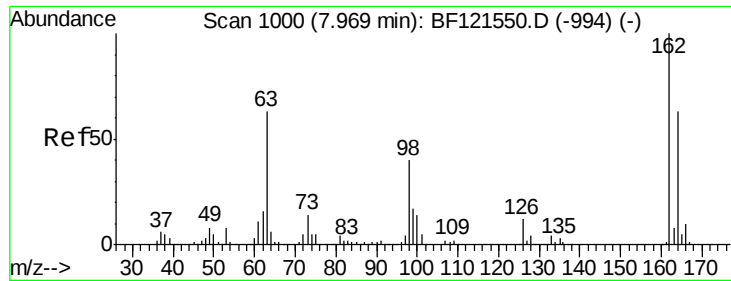
mohammad
9/22/2020 10:09:05 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.651 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.2	9.3	13.9





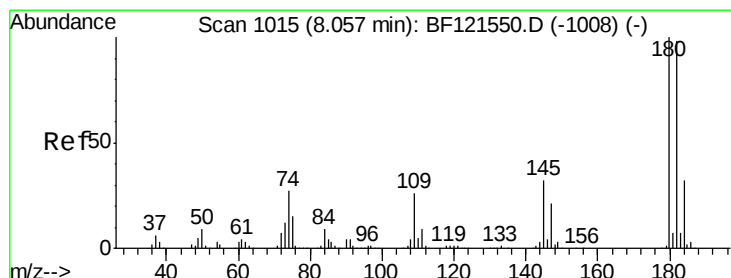
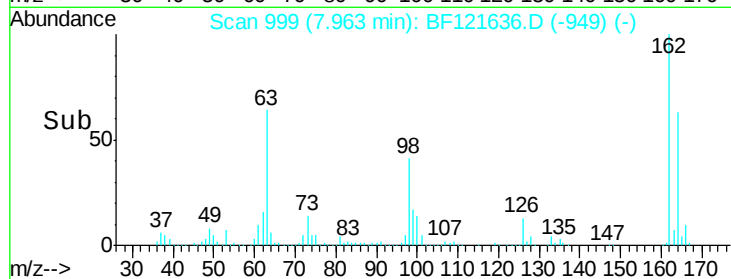
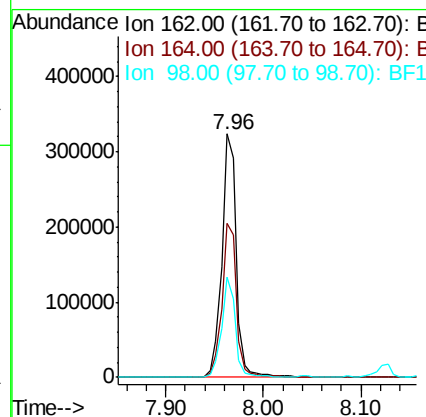
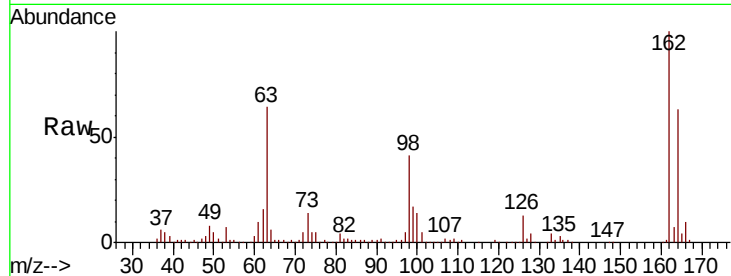
#29
 2,4-Dichlorophenol
 Concen: 40.463 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	162	Resp:	333185
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.1	84.1
98	41.0	16.7	56.7

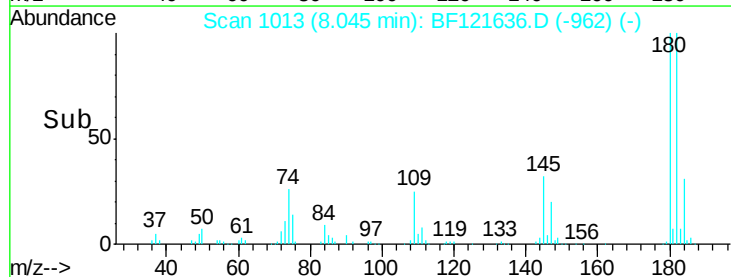
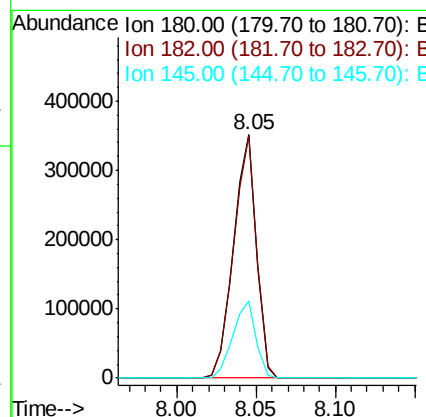
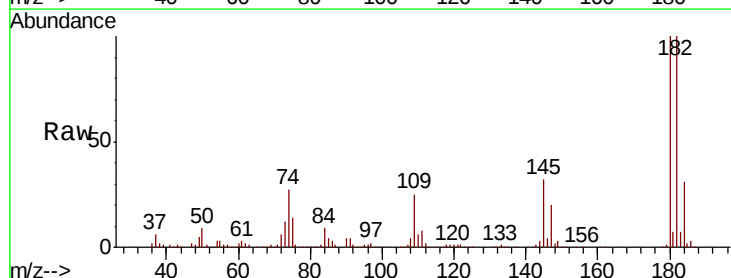
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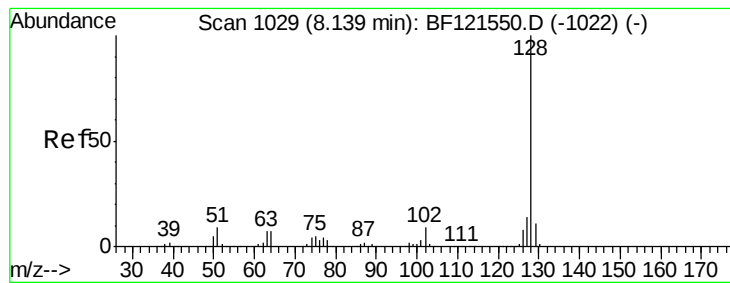
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.371 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion:	180	Resp:	350116
Ion Ratio	Lower	Upper	
180	100		
182	99.7	78.6	117.8
145	31.5	26.2	39.2





#31

Naphthalene

Concen: 41.302 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:128 Resp: 1177821

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

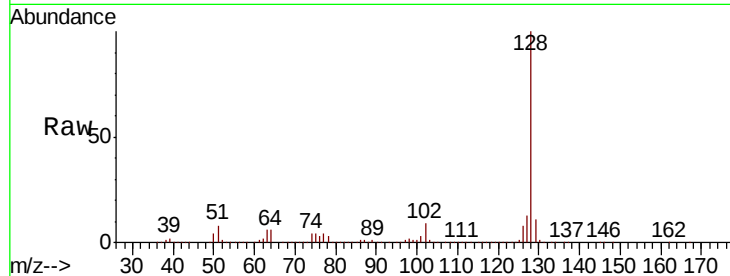
127 13.3 10.8 16.2

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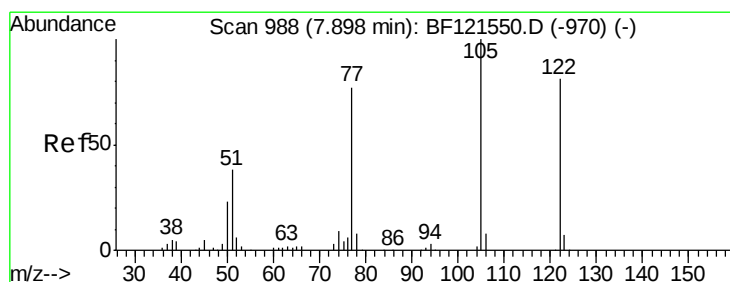
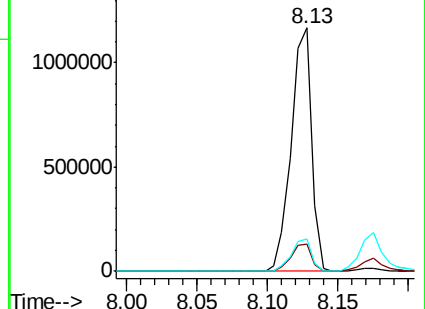
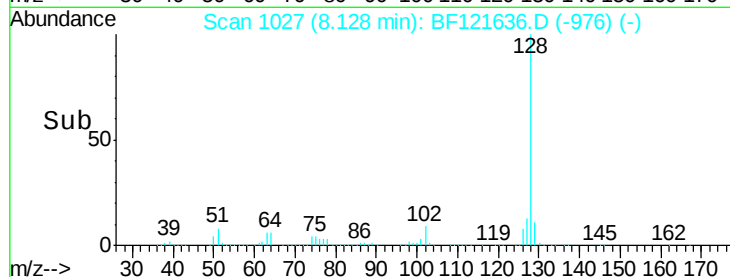
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.815 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.04 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

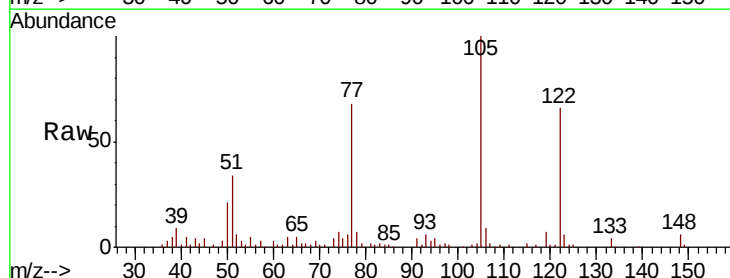
Tgt Ion:122 Resp: 93665

Ion Ratio Lower Upper

122 100

105 151.5 101.9 141.9#

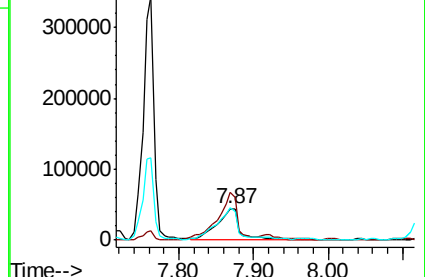
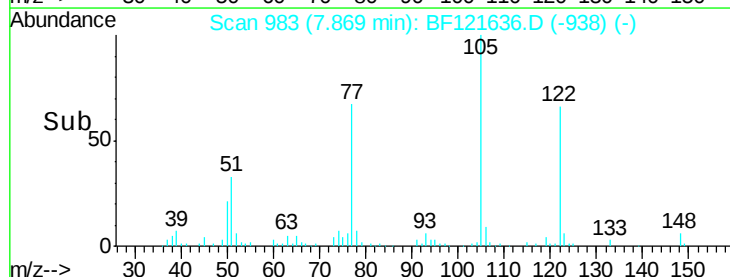
77 103.6 69.0 109.0

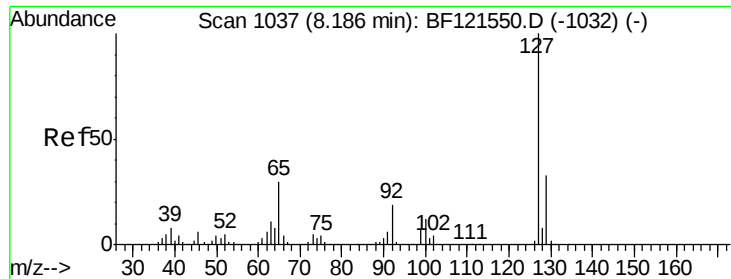


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





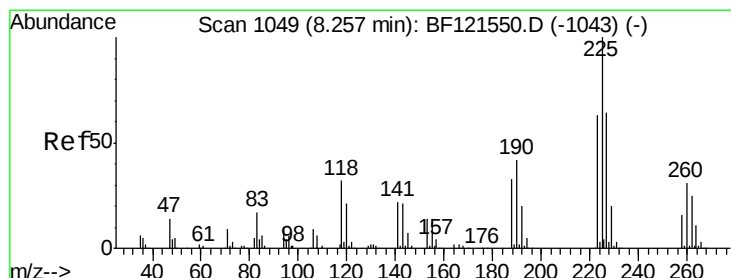
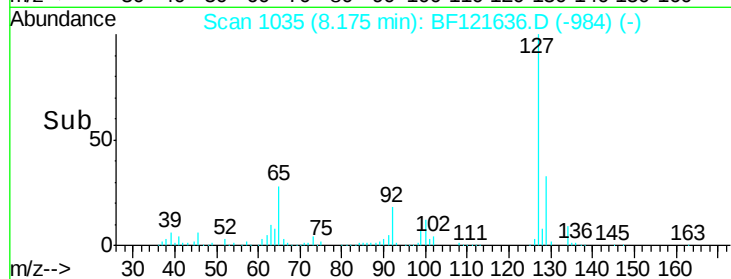
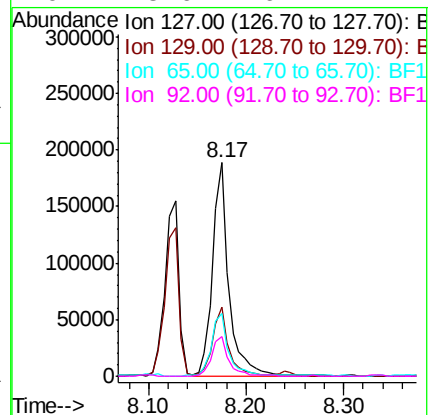
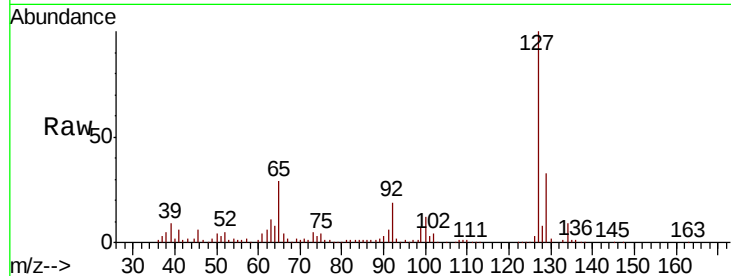
#33
4-Chloroaniline
Concen: 17.693 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	218711		
129	32.7	25.8	38.8	
65	29.5	26.3	39.5	
92	18.6	16.2	24.4	

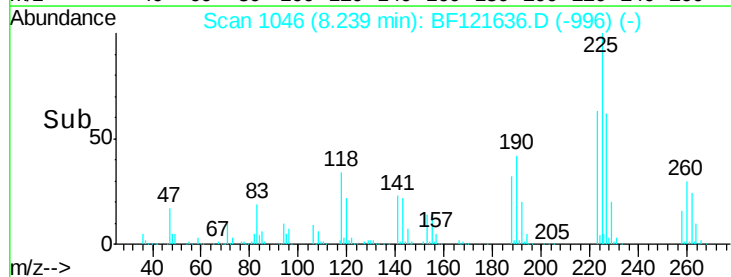
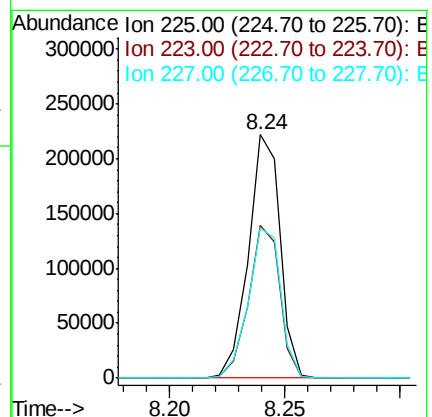
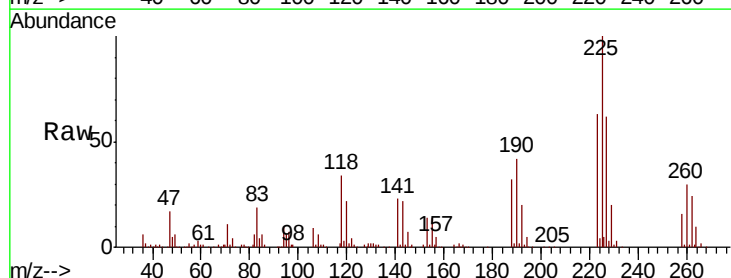
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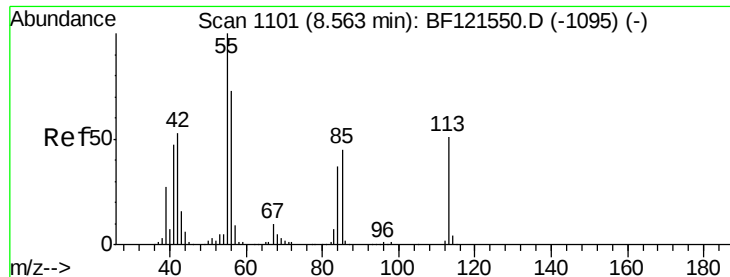
mohammad
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#34
Hexachlorobutadiene
Concen: 41.805 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212801		
223	62.6	51.4	77.2	
227	61.7	51.7	77.5	





#35

Caprolactam

Concen: 36.758 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

ClientSampleID :

WC-1MSD

Tot Ion:113 Resp: 100796

Ion Ratio Lower Upper

113 100

55 194.3 166.3 206.3

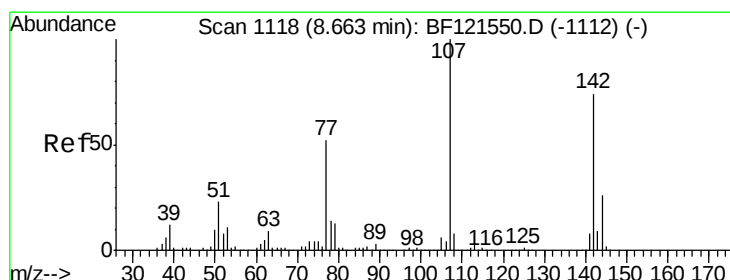
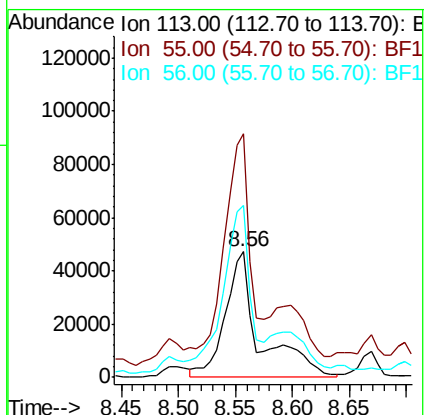
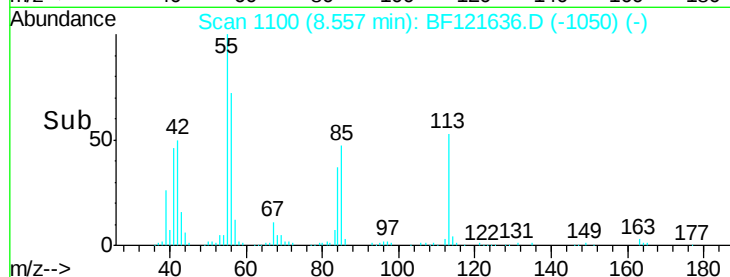
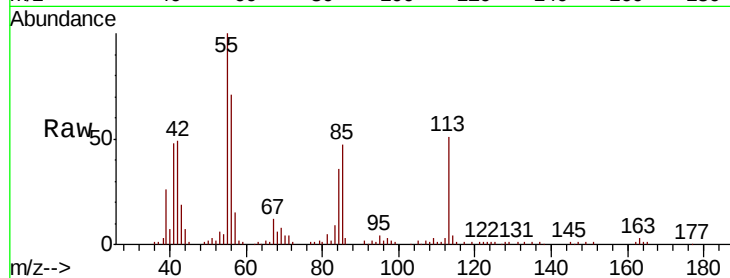
56 137.6 118.7 158.7

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#36

4-Chloro-3-methylphenol

Concen: 40.150 ng/mL

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

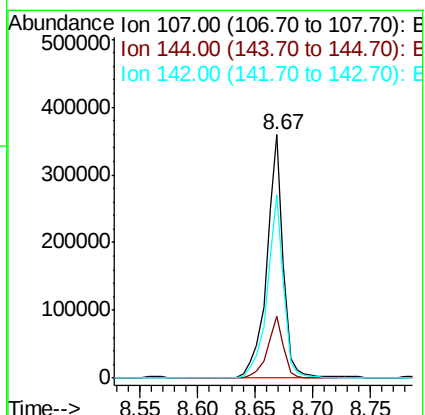
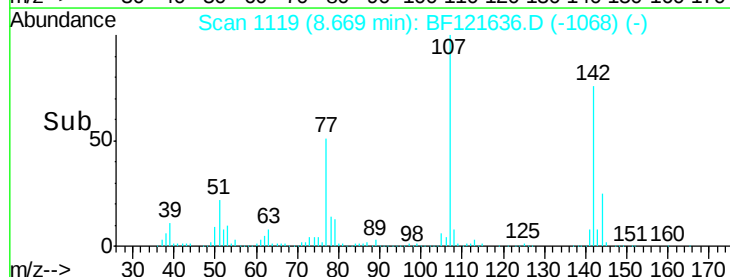
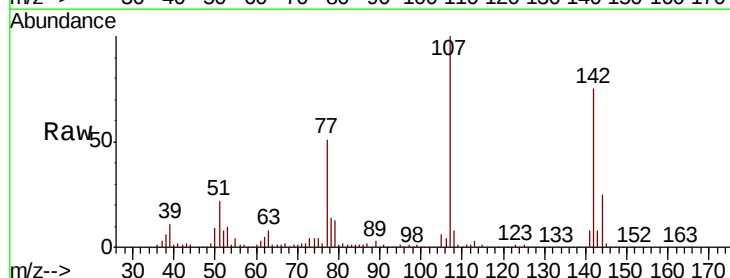
Tgt Ion:107 Resp: 356152

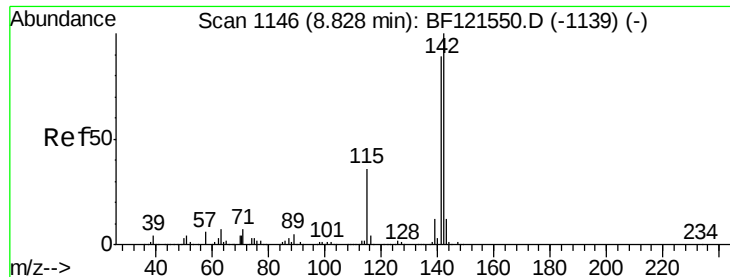
Ion Ratio Lower Upper

107 100

144 25.2 20.6 31.0

142 75.5 61.7 92.5





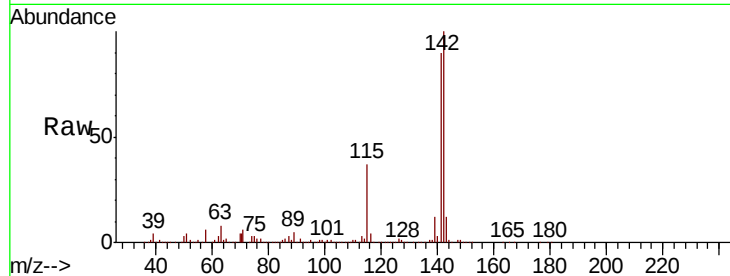
#37
2-Methylnaphthalene
Concen: 44.397 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleID :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2
115	37.2	28.5	42.7

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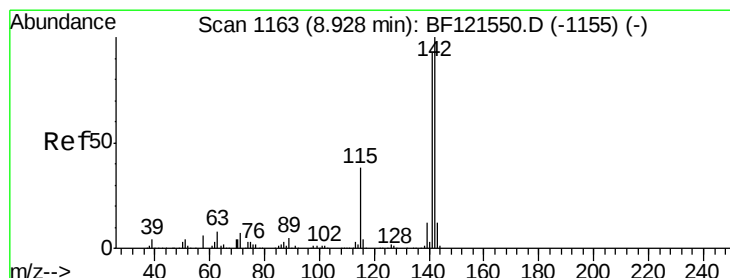
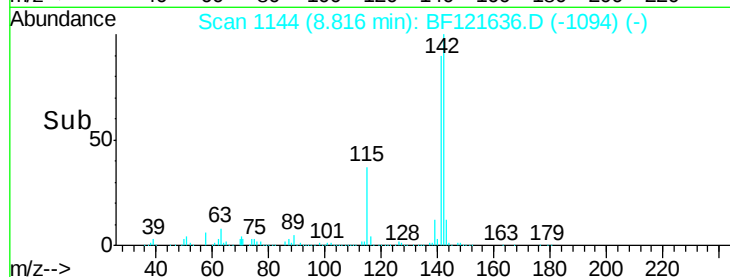
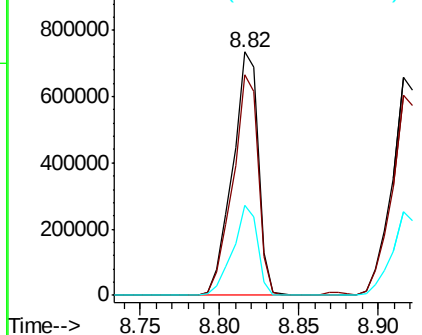


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.240 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

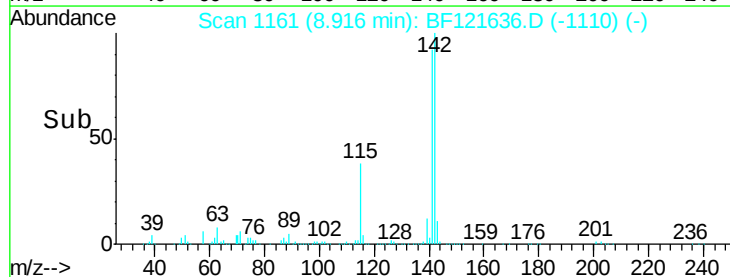
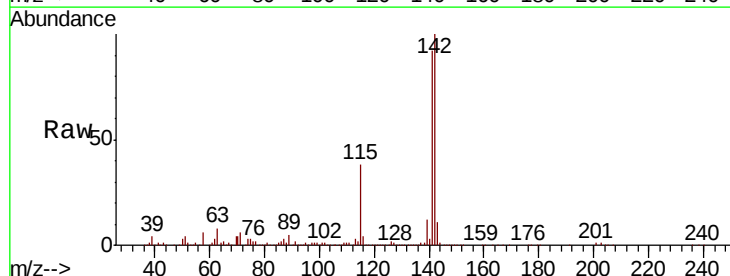
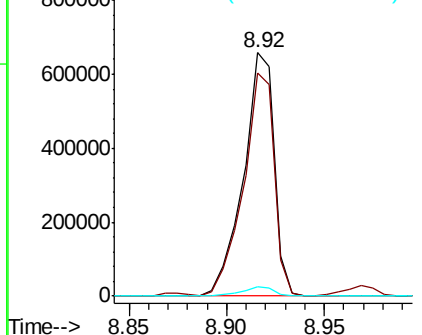
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	4.0	3.3	4.9

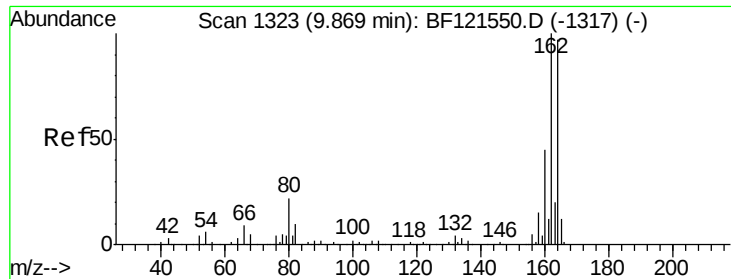
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





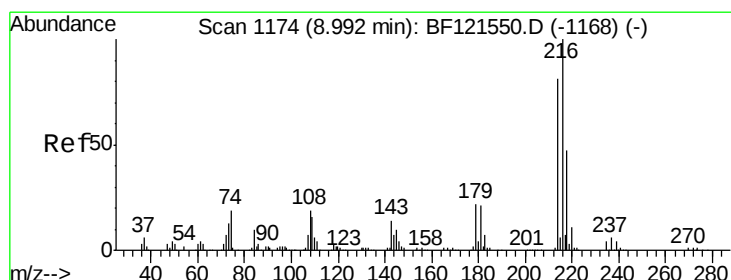
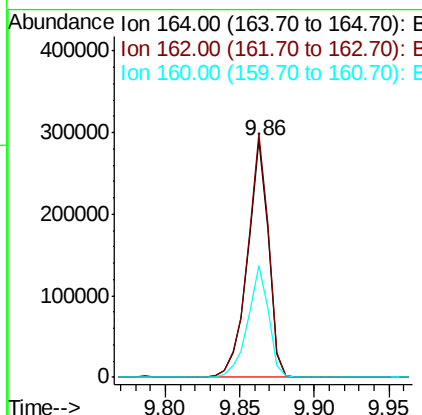
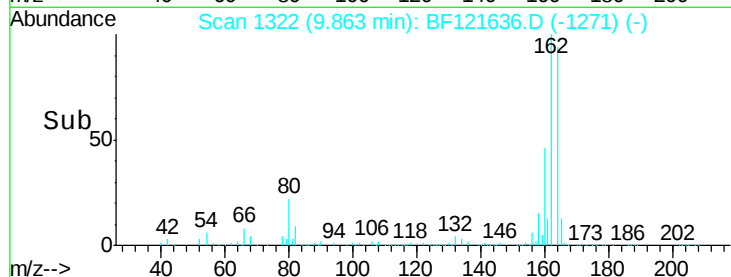
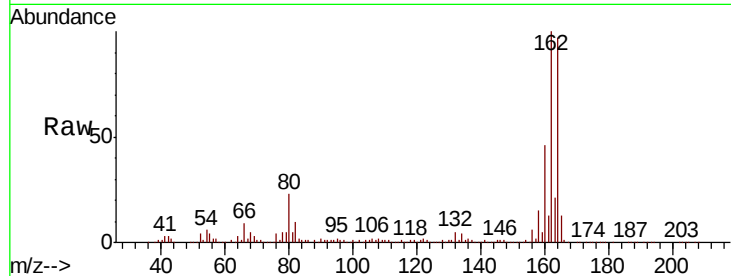
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	81.2	121.8	
160	47.2	36.2	54.4	

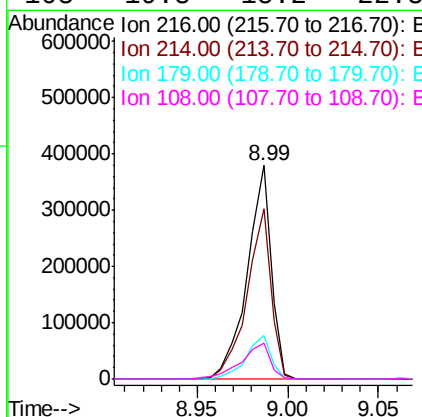
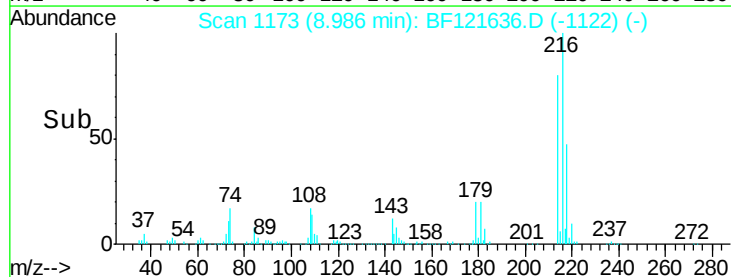
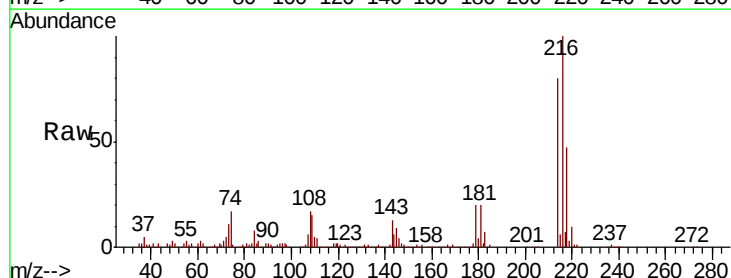
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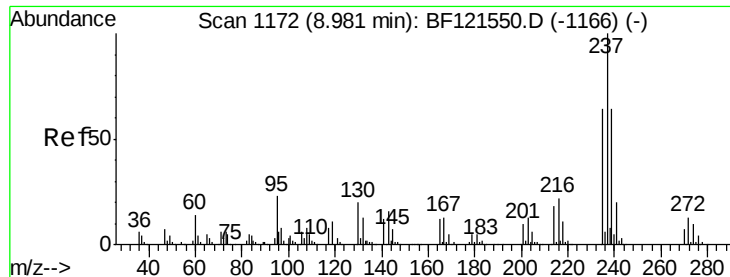
mohammad
9/22/2020 10:09:05 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.273 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.0	94.4	
179	20.9	16.6	24.8	
108	19.8	15.2	22.8	





#41

Hexachlorocyclopentadiene

Concen: 52.261 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

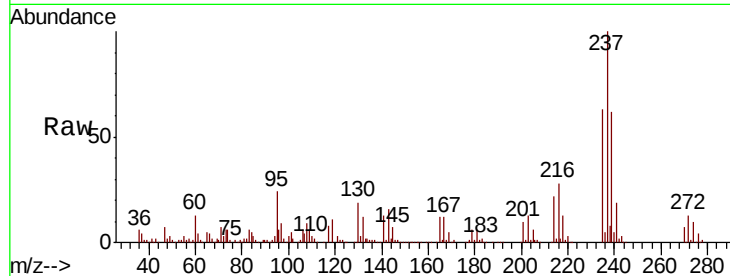
ClientSampleId :

WC-1MSD

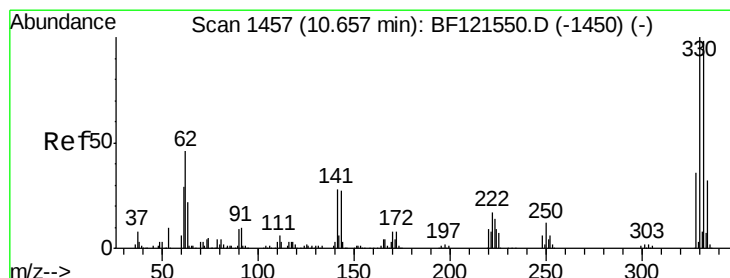
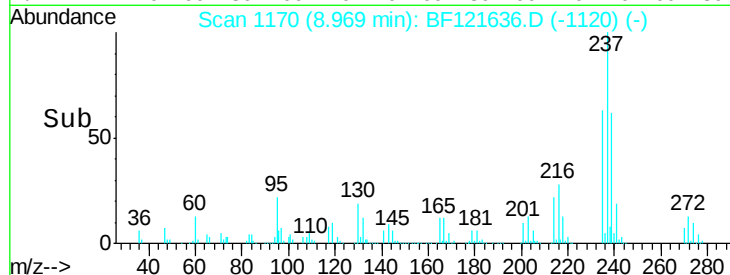
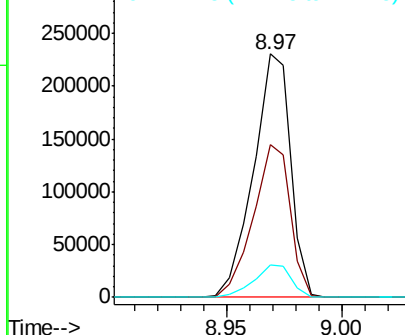
Tot Ion:	237	Resp:	258826
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.4	83.4
272	13.1	0.0	34.1

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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: 98.796 ng

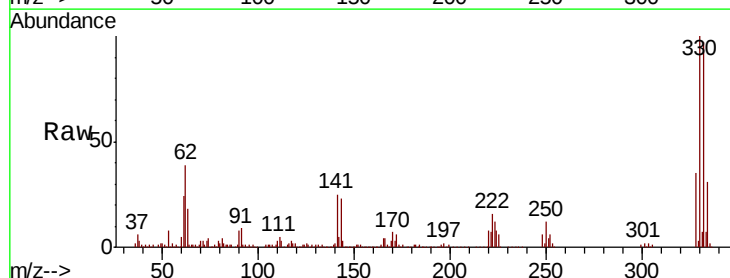
RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

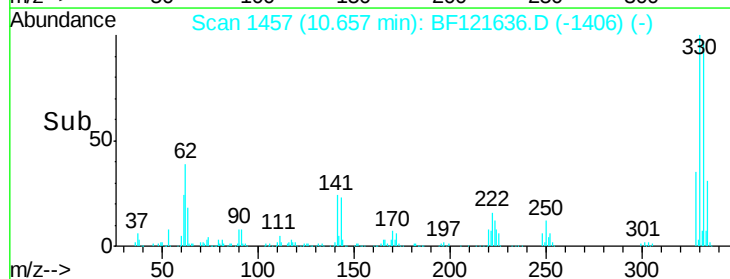
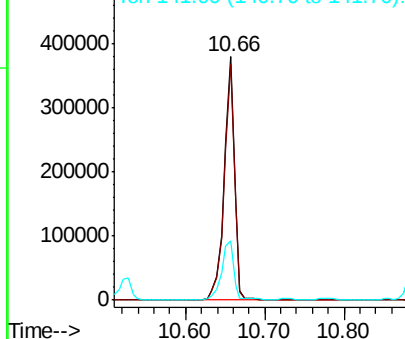
Lab File: BF121636.D

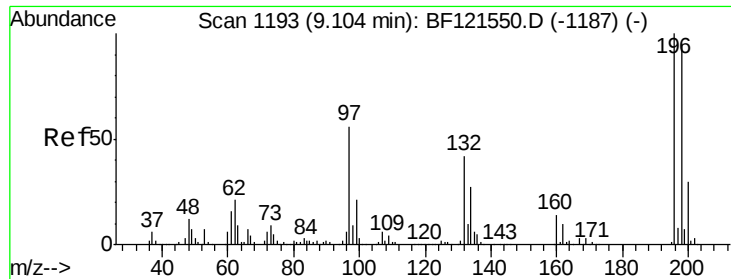
Acq: 21 Sep 2020 20:09

Tgt Ion:	330	Resp:	340906
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	27.7	22.4	33.6



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





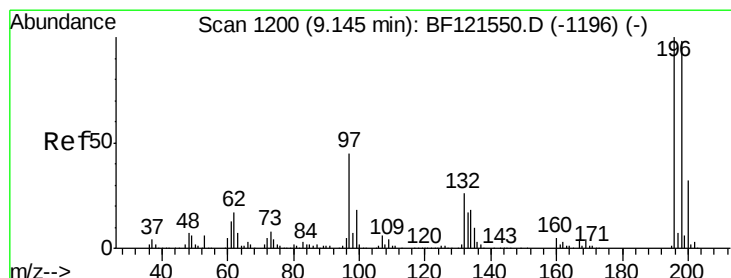
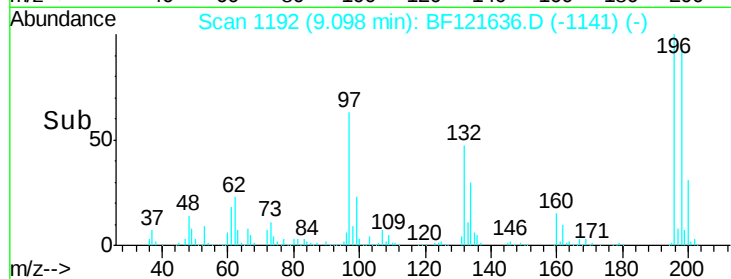
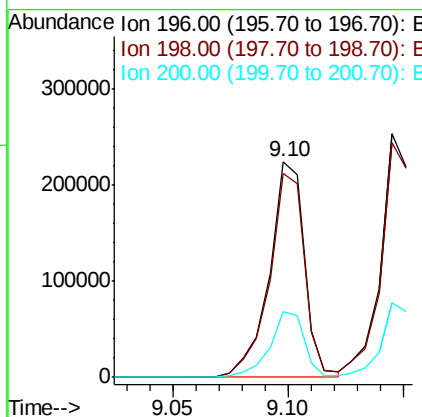
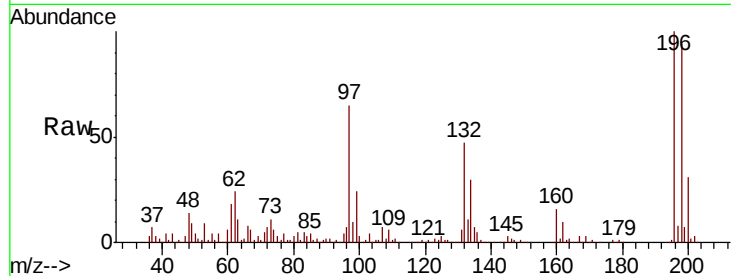
#43
 2,4,6-Trichlorophenol
 Concen: 40.141 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237279		
198	94.4	75.4	113.2	
200	30.6	24.5	36.7	

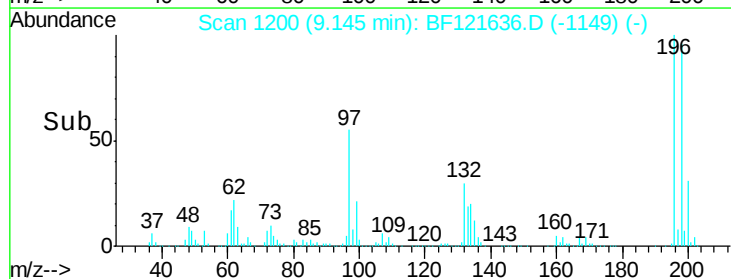
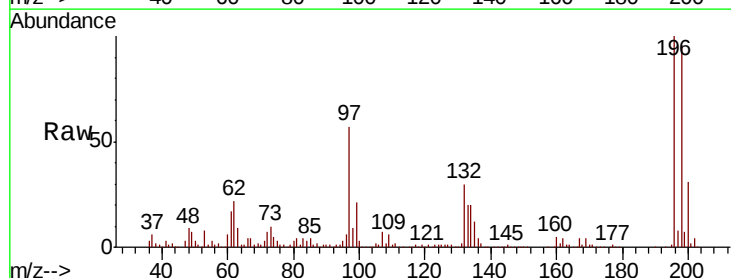
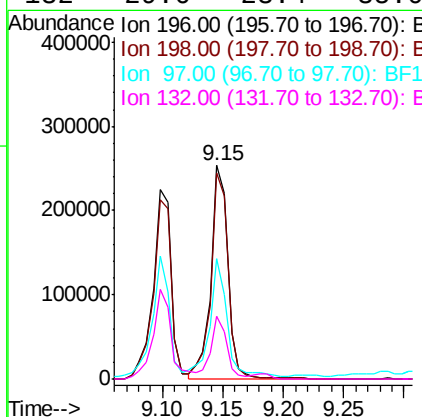
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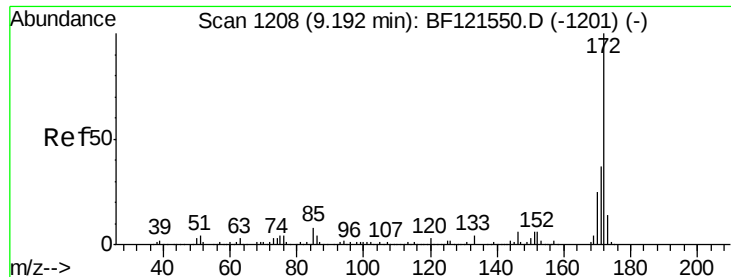
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.351 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245910		
198	96.5	74.3	111.5	
97	56.6	44.2	66.2	
132	29.6	23.4	35.0	





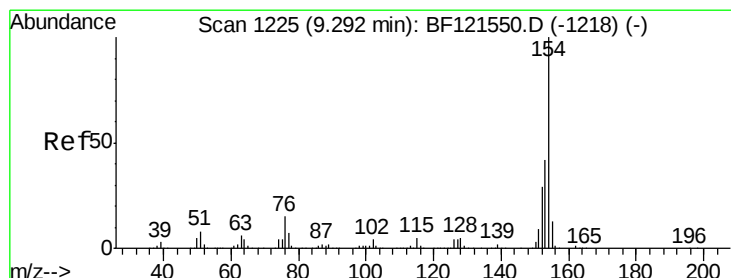
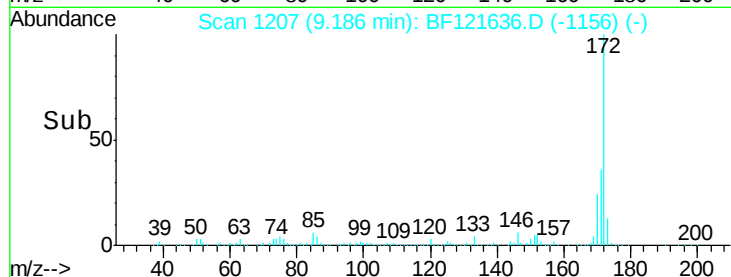
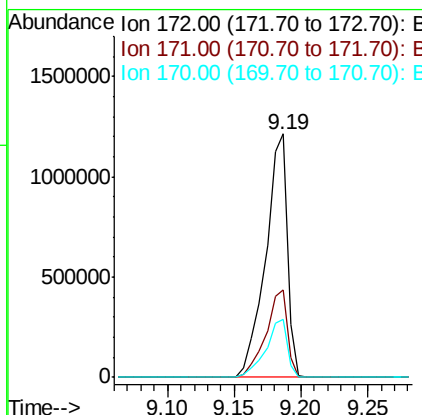
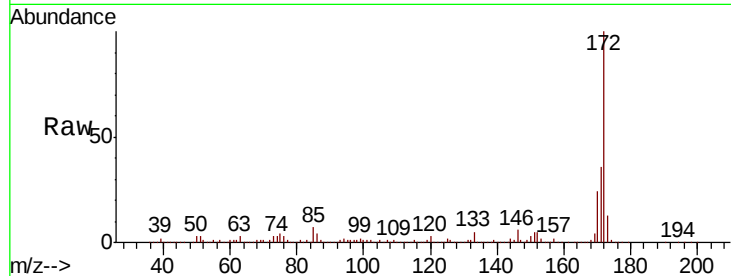
#45
2-Fluorobiphenyl
Concen: 74.752 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.8	19.5	29.3

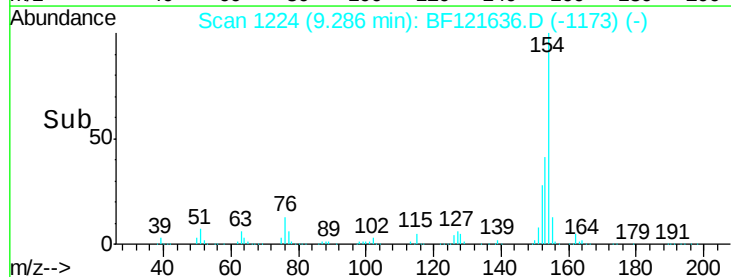
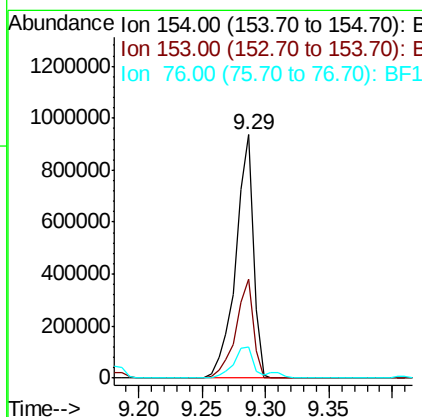
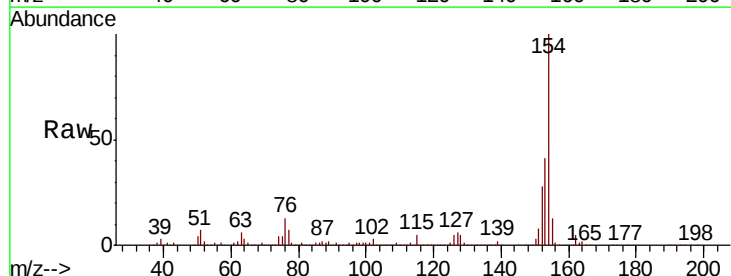
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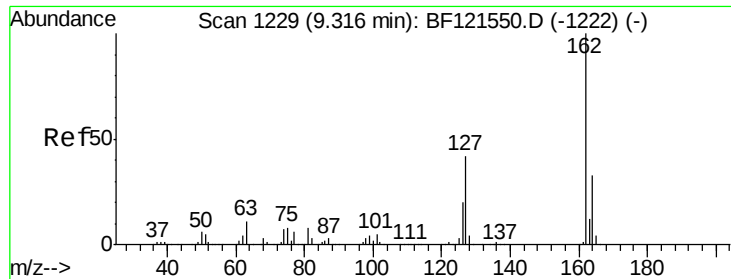
mohammad
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#46
1,1'-Biphenyl
Concen: 40.161 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	12.9	0.0	34.1





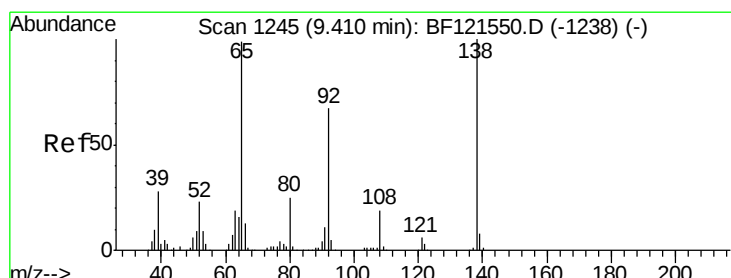
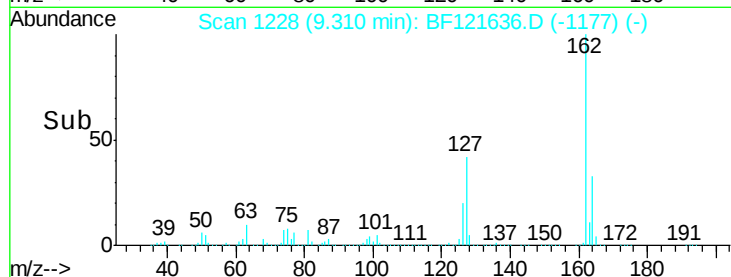
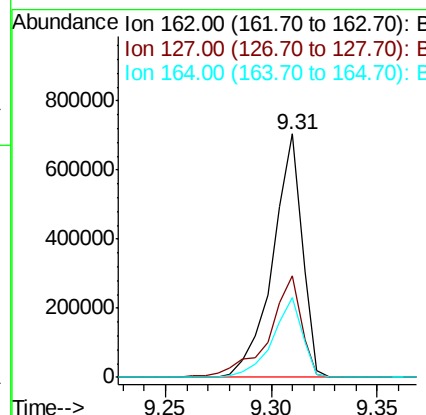
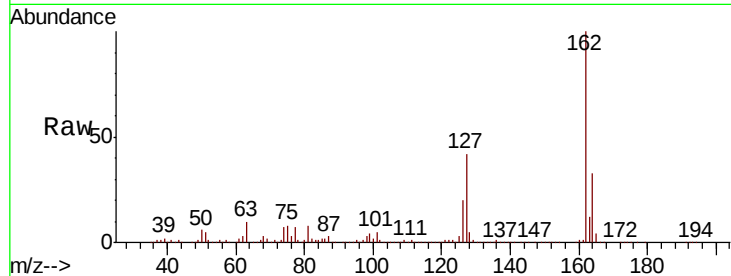
#47
 2-Chloronaphthalene
 Concen: 39.182 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.2	51.4
164	33.0	27.0	40.4

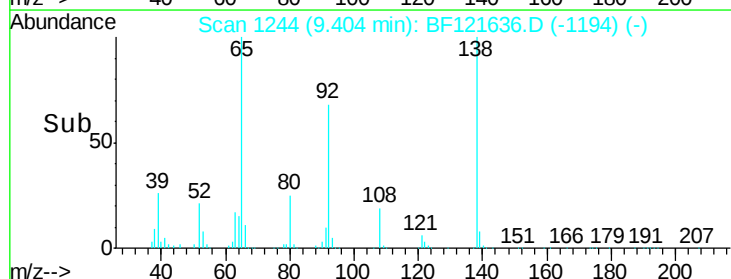
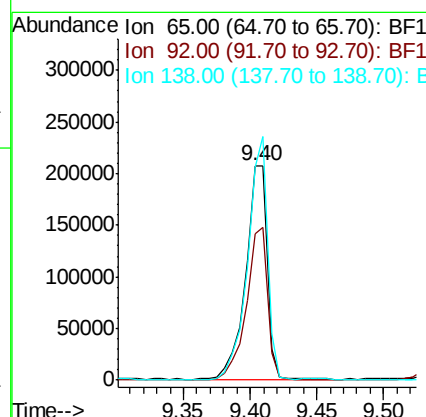
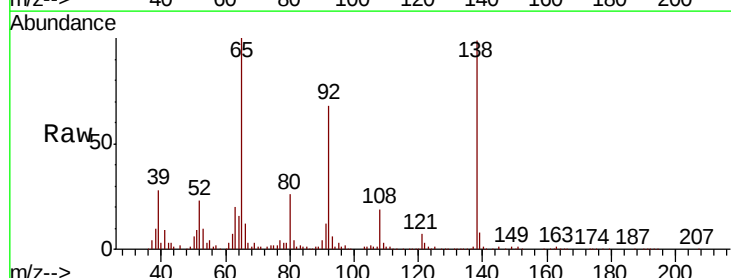
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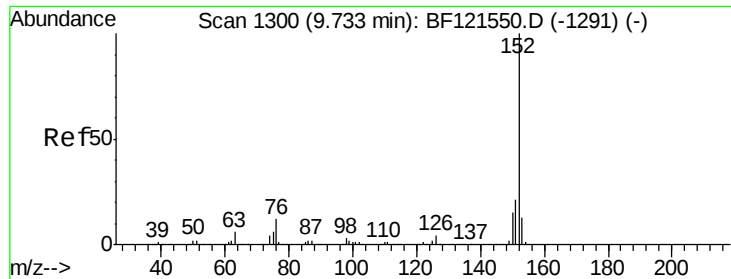
mohammad
 9/22/2020 10:09:05 AM



#48
 2-Nitroaniline
 Concen: 42.464 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	56.0	84.0
138	99.3	84.7	127.1





#49

Acenaphthylene

Concen: 39.600 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

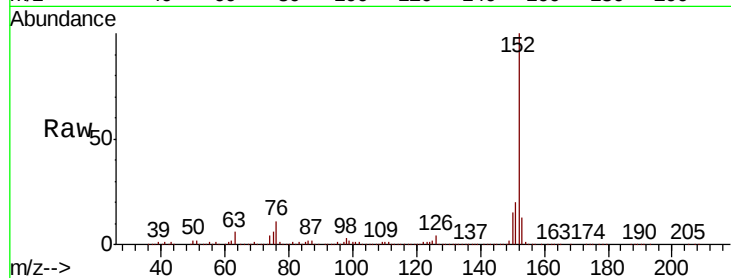
ClientSampleId :

WC-1MSD

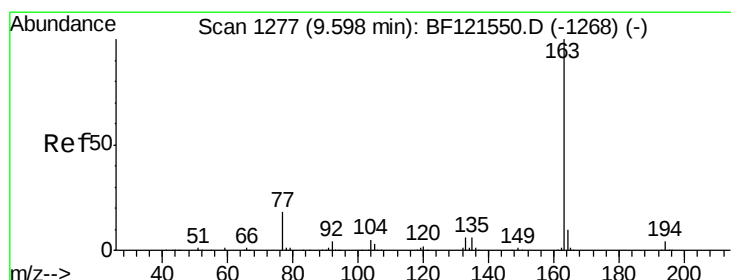
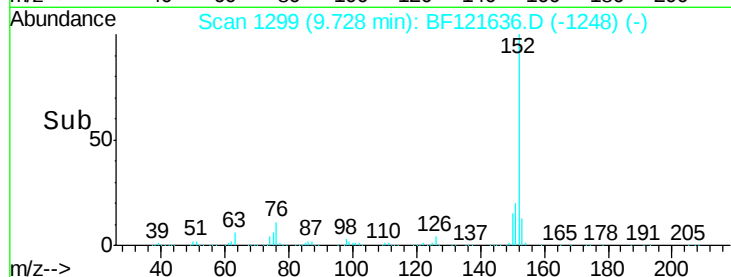
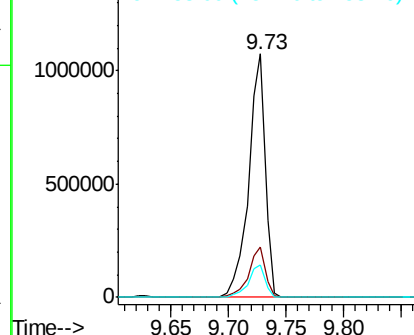
Tot Ion:	152	Resp:	1065691
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1

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



#50

Dimethylphthalate

Concen: 45.039 ng

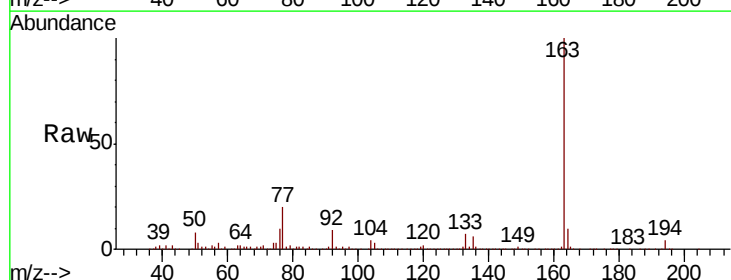
RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

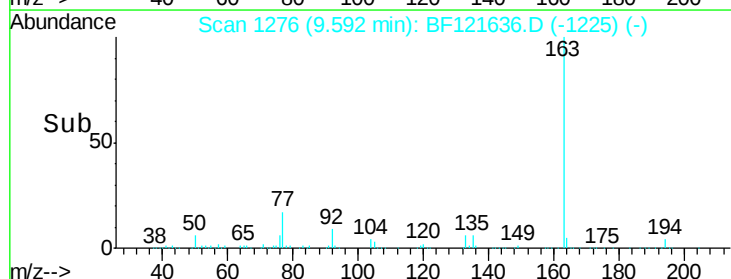
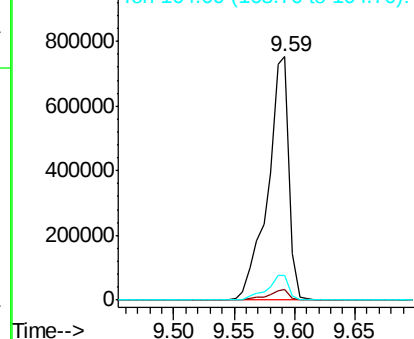
Lab File: BF121636.D

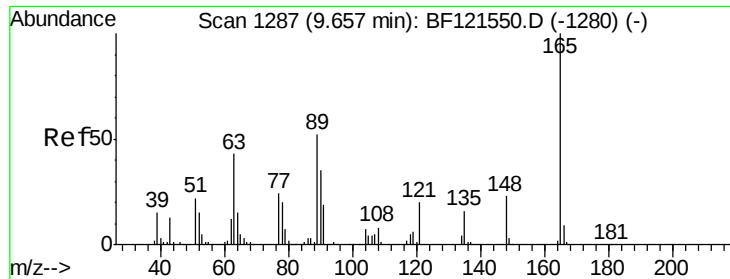
Acq: 21 Sep 2020 20:09

Tgt Ion:	163	Resp:	906283
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.0	12.0



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: 41.918 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

ClientSampleId :

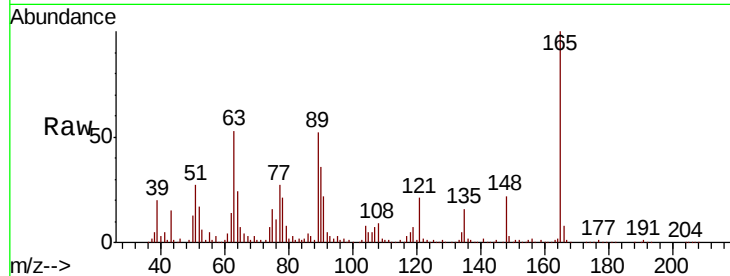
WC-1MSD

Tot Ion:165 Resp: 179635
Ion Ratio Lower Upper

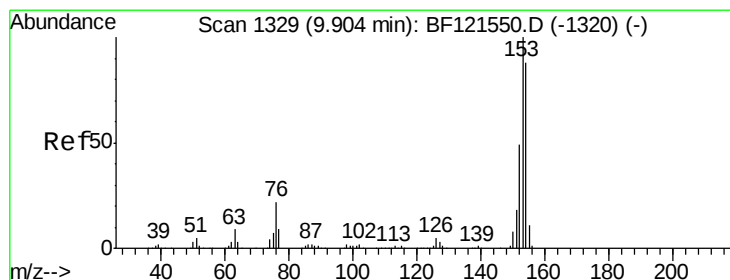
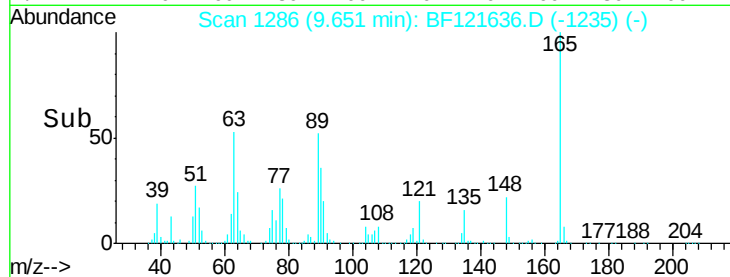
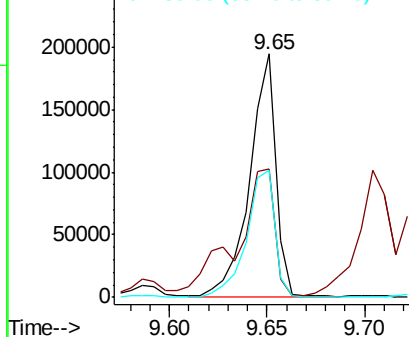
165	100		
63	52.6	47.6	71.4
89	52.2	46.0	69.0

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



#52

Acenaphthene

Concen: 37.127 ng

RT: 9.90 min Scan# 1328

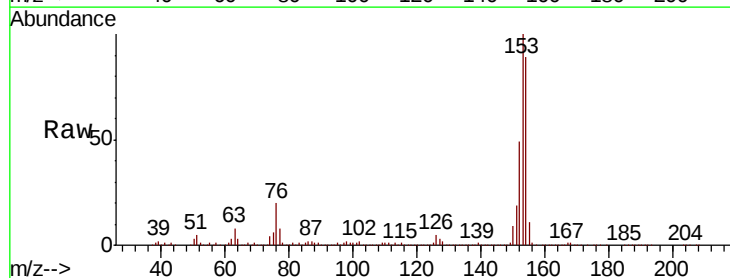
Delta R.T. 0.00 min

Lab File: BF121636.D

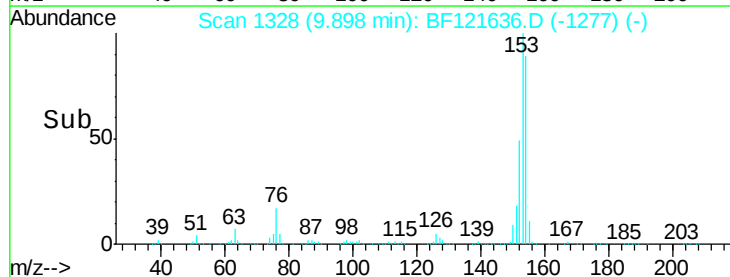
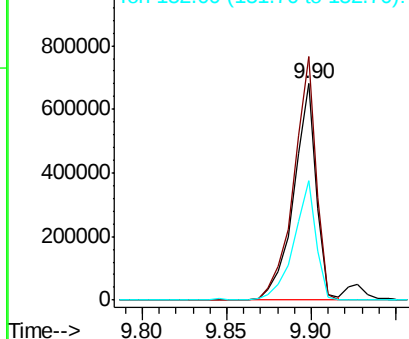
Acq: 21 Sep 2020 20:09

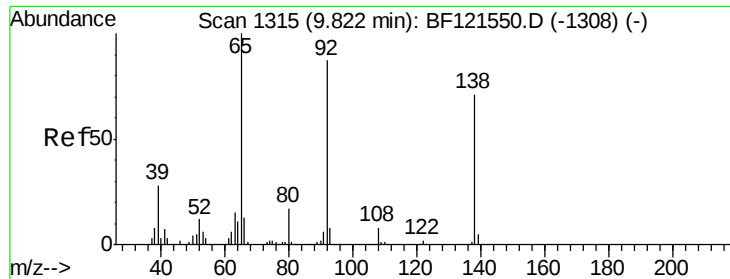
Tgt Ion:154 Resp: 631069
Ion Ratio Lower Upper

154	100		
153	112.5	89.9	134.9
152	55.3	43.8	65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





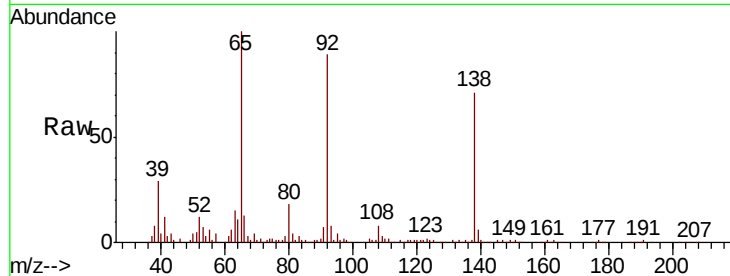
#53
3-Nitroaniline
Concen: 25.834 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	125.7	96.5	144.7

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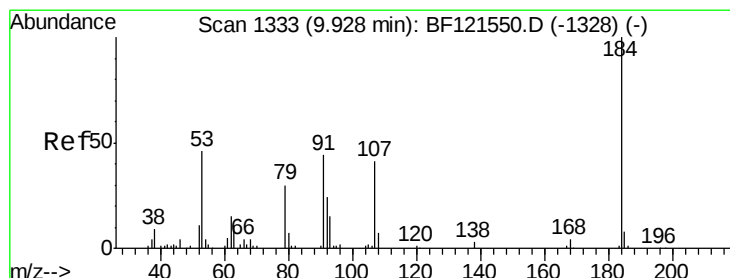
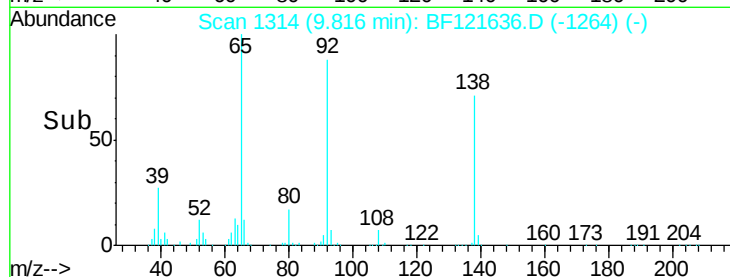
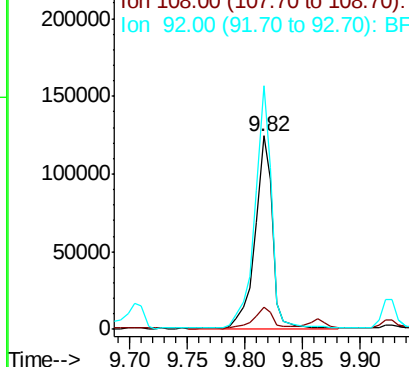


Abundance

Ion 138.00 (137.70 to 138.70): E

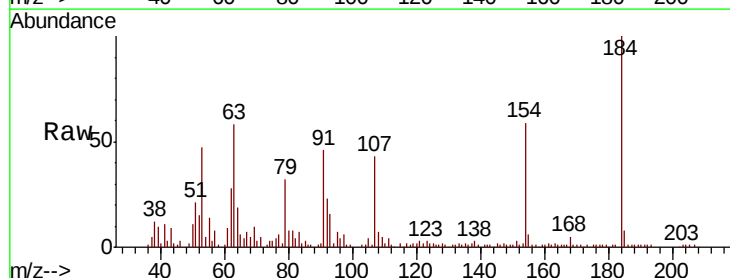
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 34.942 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	51.5	77.3
154	58.5	46.6	70.0

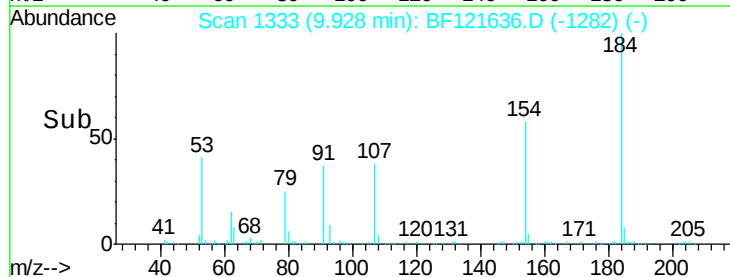
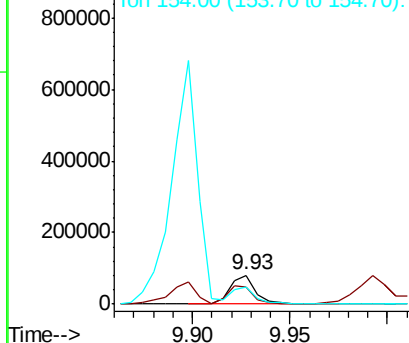


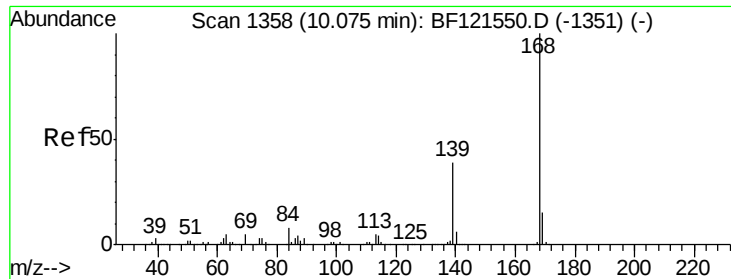
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





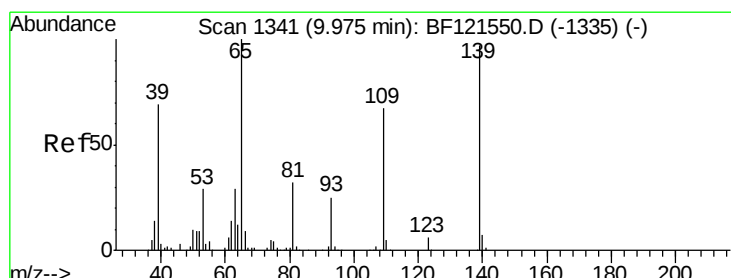
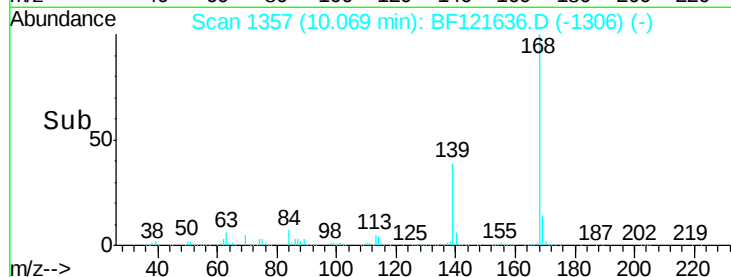
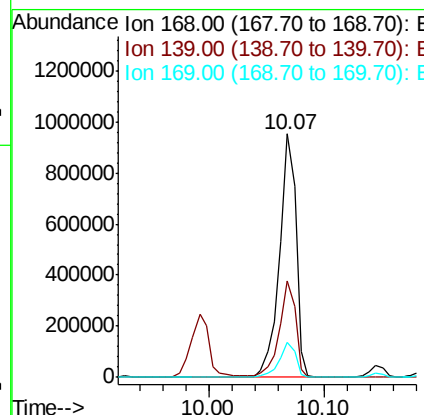
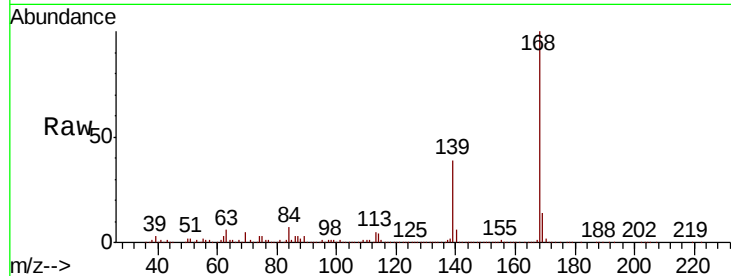
#55
Dibenzofuran
Concen: 39.755 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.8	47.8
169	14.5	11.6	17.4

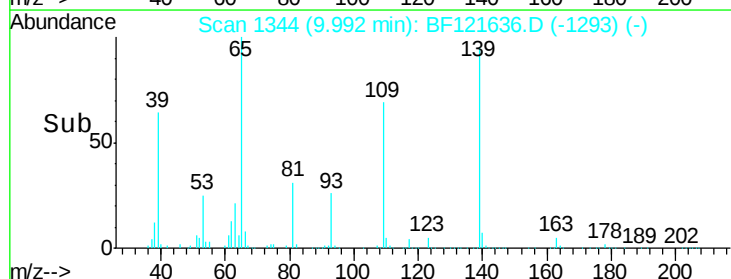
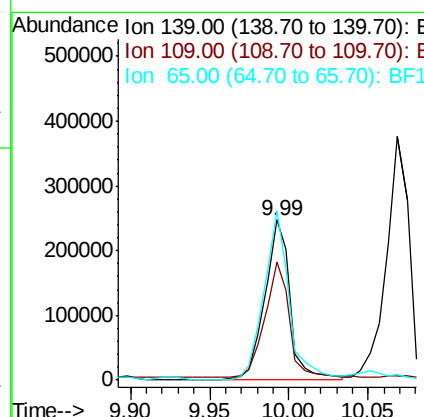
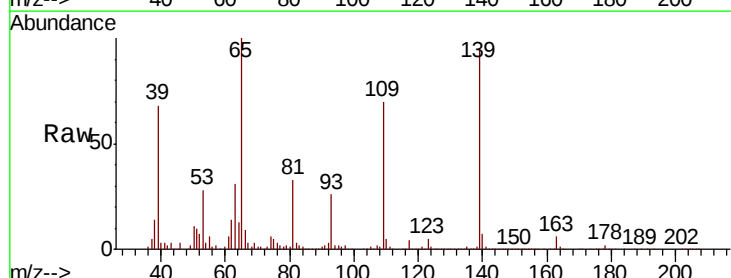
Manual Integrations
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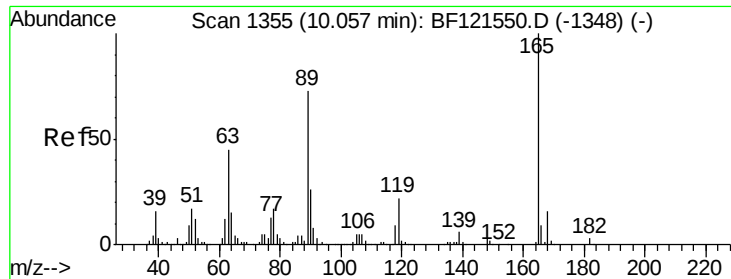
mohammad
9/22/2020 10:09:05 AM



#56
4-Nitrophenol
Concen: 69.589 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	48.1	88.1
65	105.6	74.7	114.7





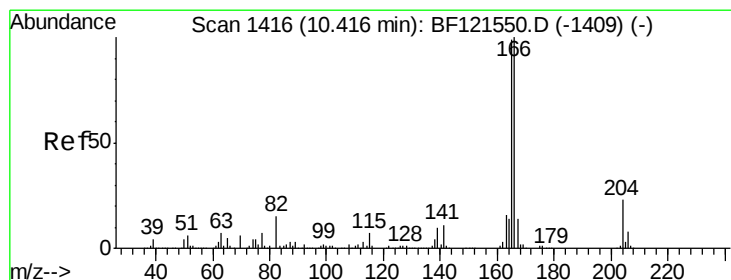
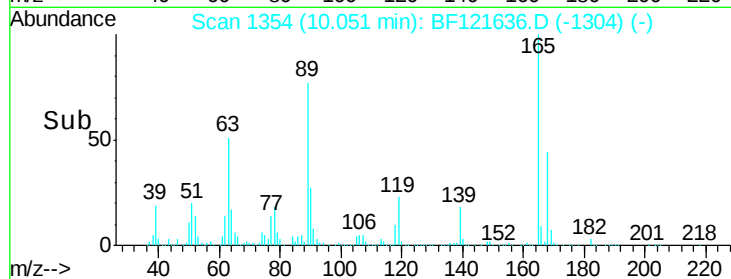
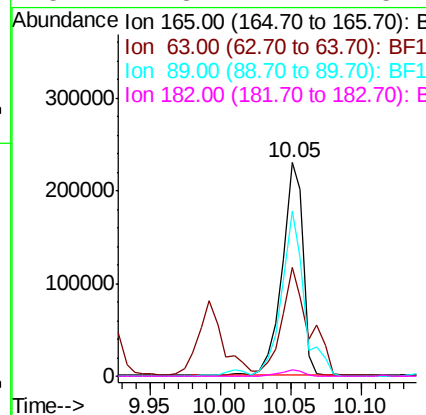
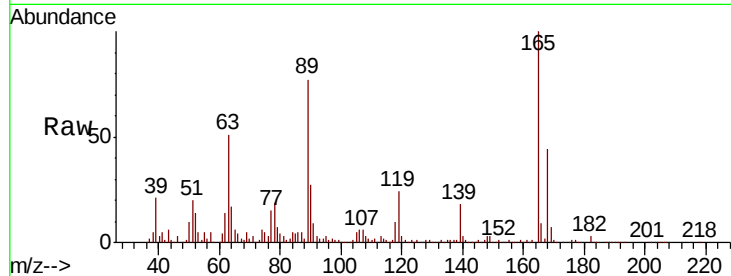
#57
2,4-Dinitrotoluene
Concen: 43.657 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	36.7	55.1
89	77.1	57.7	86.5
182	2.8	2.1	3.1

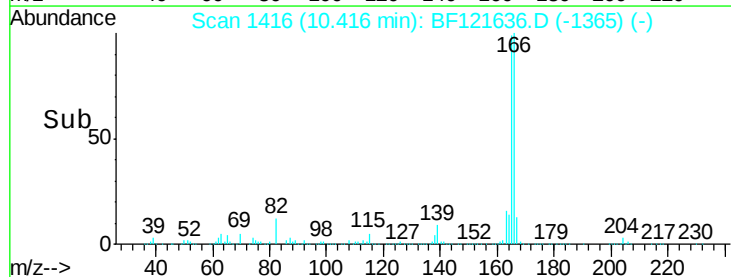
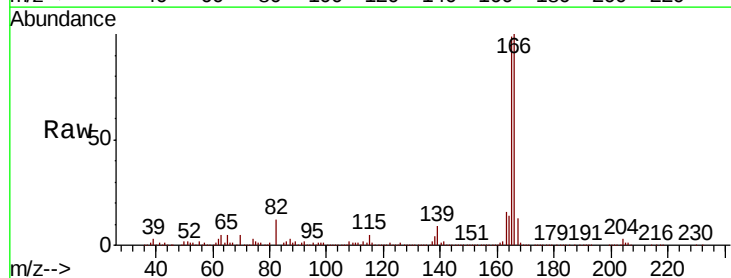
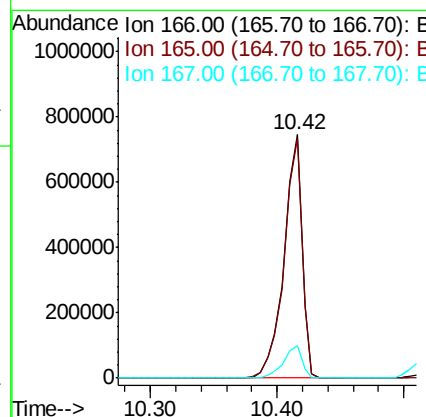
Manual Integrations
APPROVED

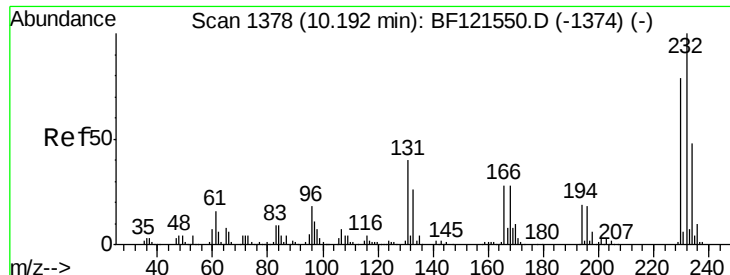
mohammad
9/22/2020 10:09:05 AM



#58
Fluorene
Concen: 40.041 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.1	120.1
167	13.4	10.8	16.2





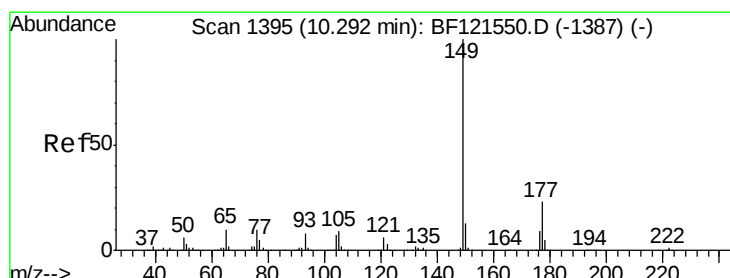
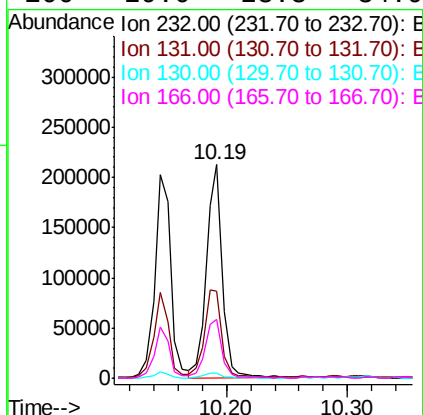
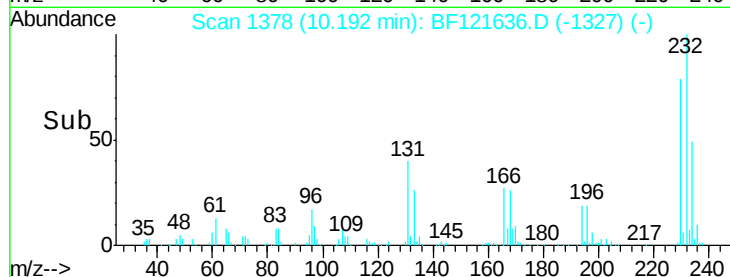
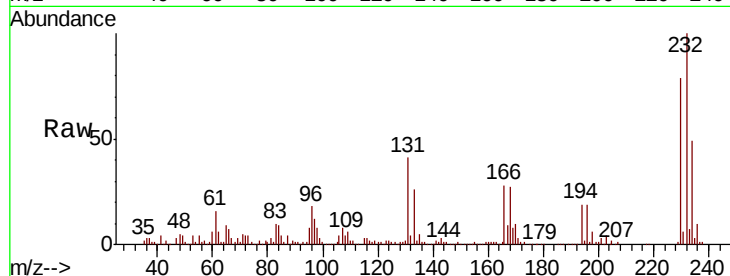
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.978 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	192939		
131	43.7	35.1	52.7	
130	2.7	1.6	2.4	
166	29.0	23.3	34.9	

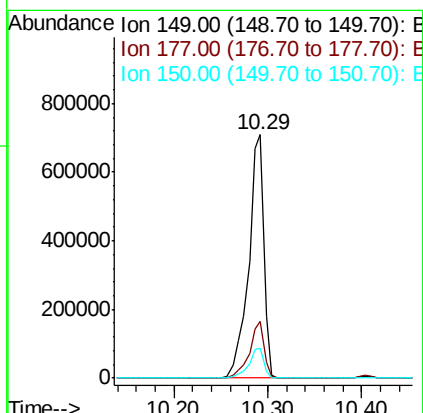
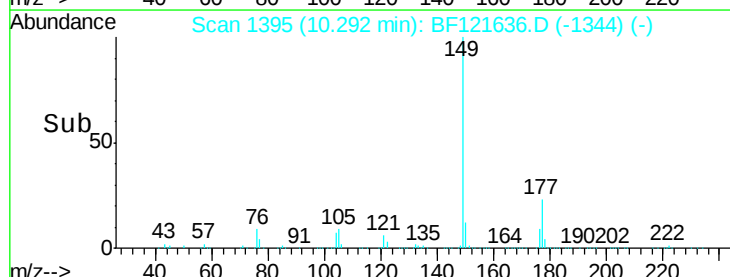
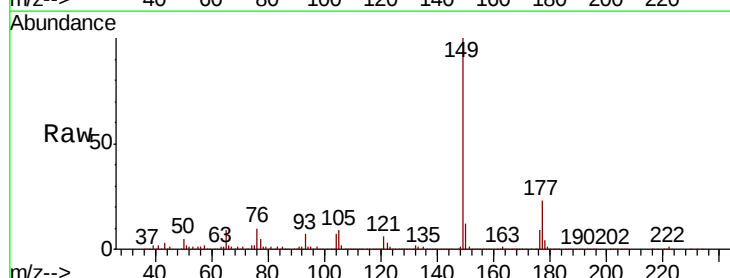
Manual Integrations
 APPROVED

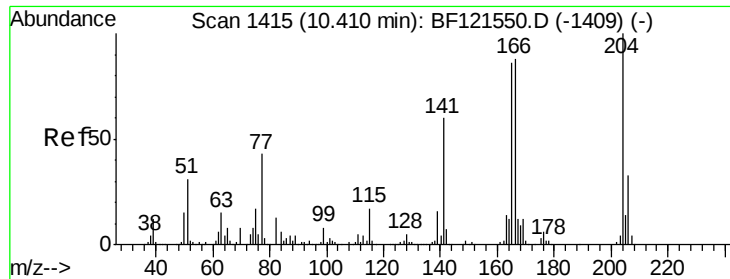
mohammad
 9/22/2020 10:09:05 AM



#60
 Diethylphthalate
 Concen: 40.341 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	791452		
177	23.0	18.1	27.1	
150	12.3	9.8	14.8	





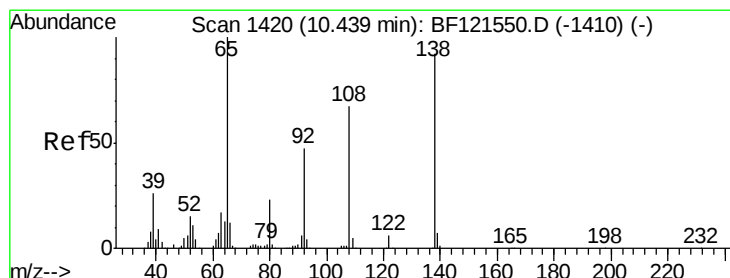
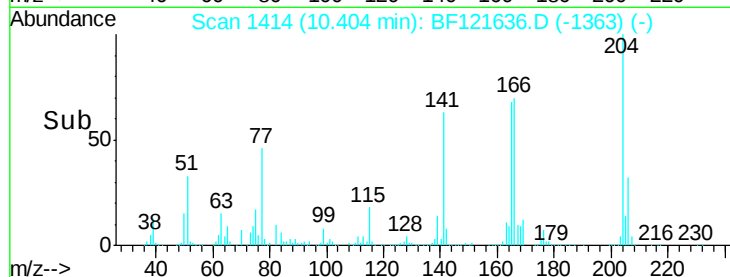
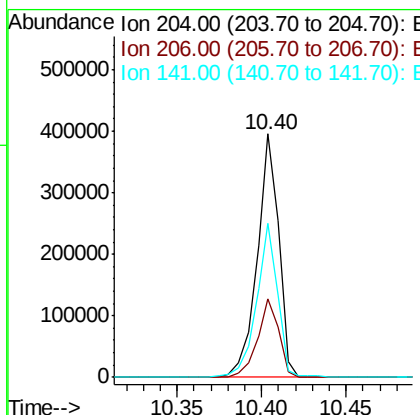
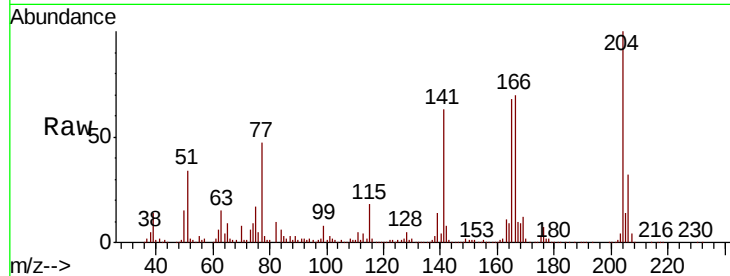
#61
4-Chlorophenyl-phenylether
Concen: 39.942 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	63.3	50.4	75.6

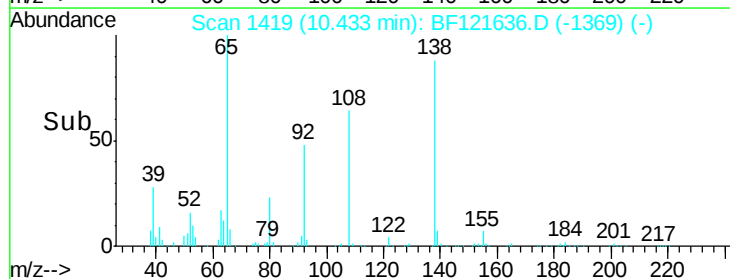
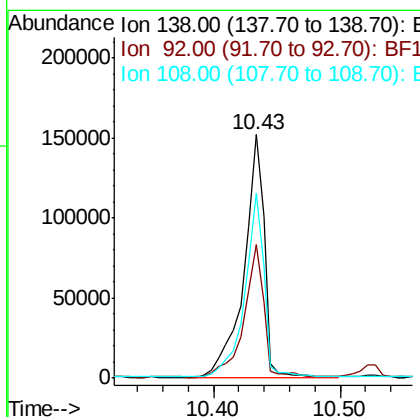
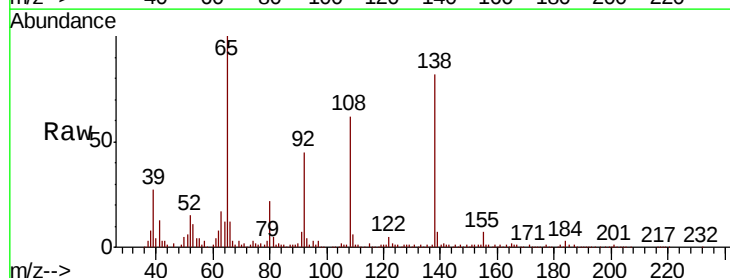
Manual Integrations
APPROVED

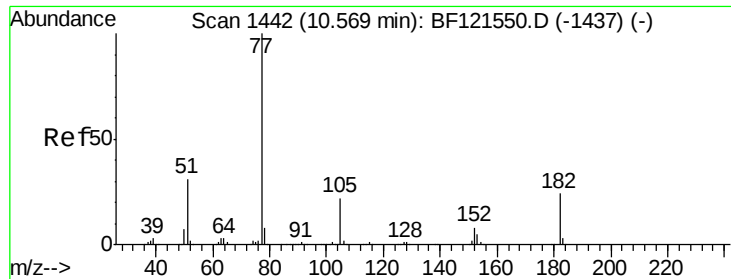
mohammad
9/22/2020 10:09:05 AM



#62
4-Nitroaniline
Concen: 34.226 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	34.8	74.8
108	75.8	55.5	95.5





#63

Azobenzene

Concen: 37.793 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

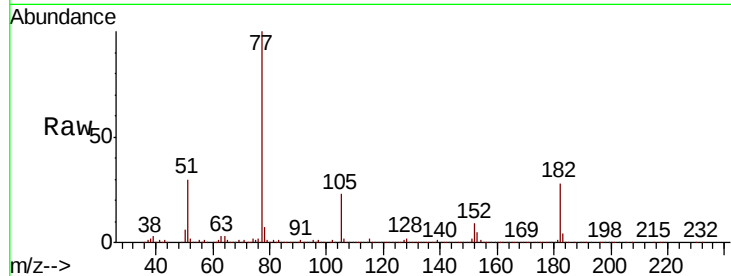
ClientSampleId :

WC-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	6.8	46.8
105	22.5	2.2	42.2
51	30.1	10.7	50.7

Manual Integrations
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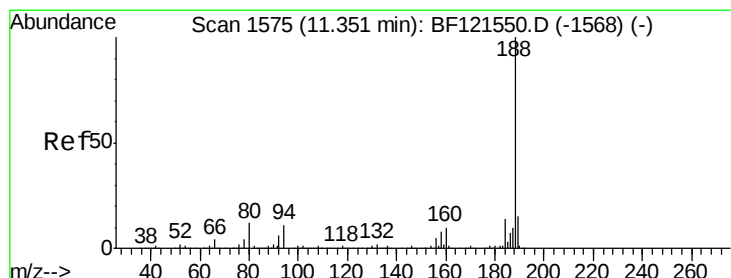
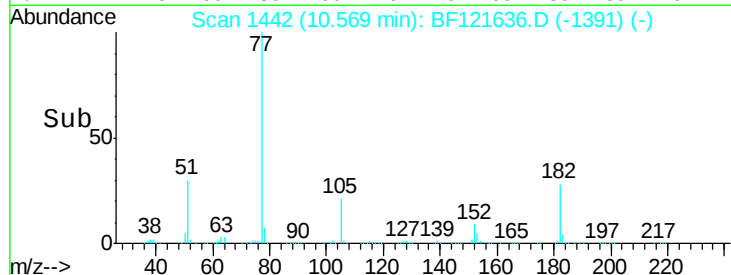
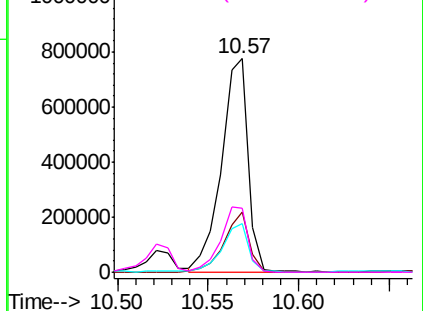


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

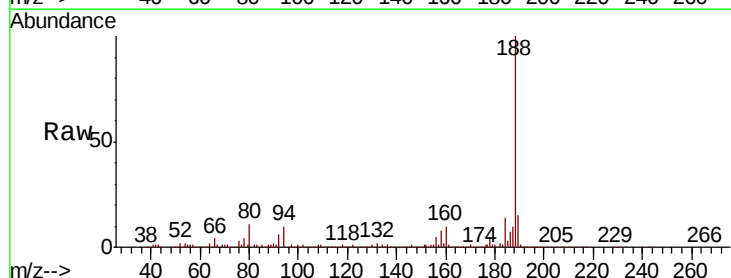
RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

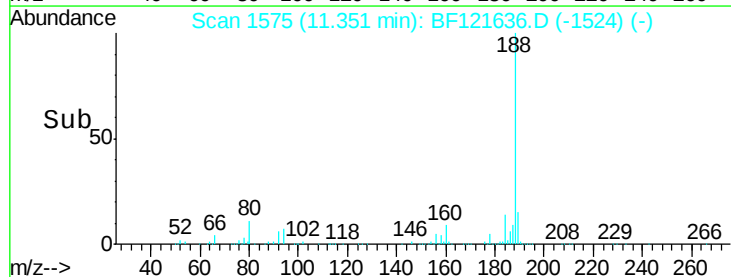
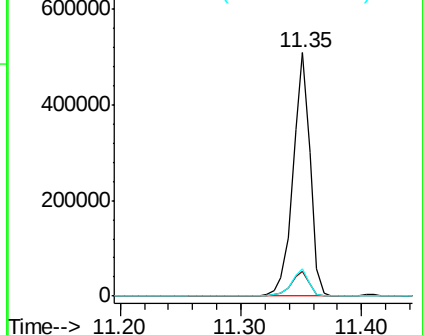
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	11.3	9.0	13.4

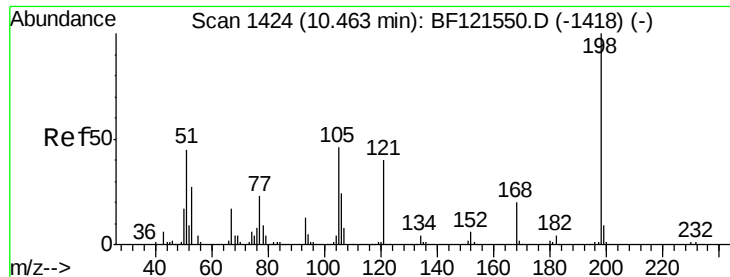


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





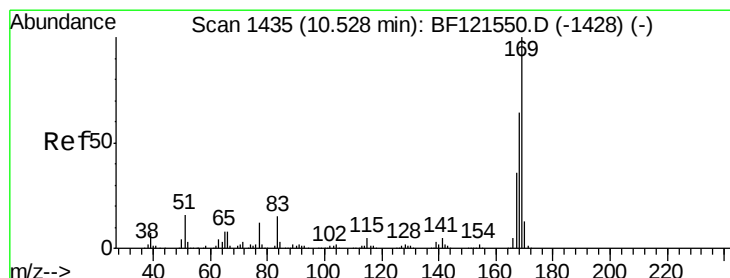
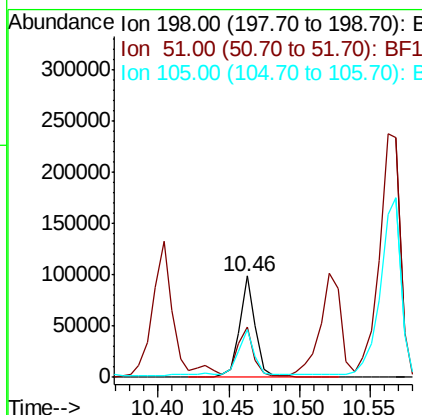
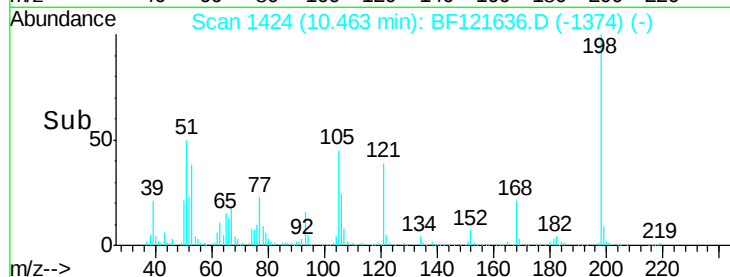
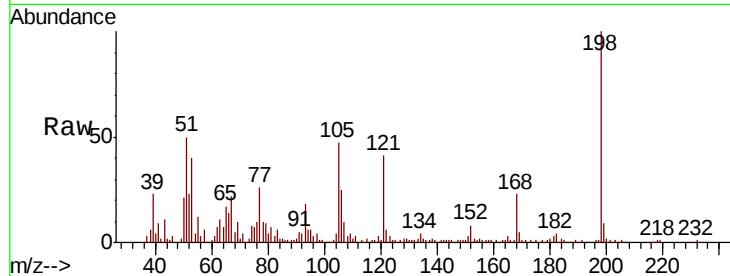
#65
4,6-Dinitro-2-methylphenol
Concen: 28.725 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.3	20.3	60.3
105	46.9	20.2	60.2

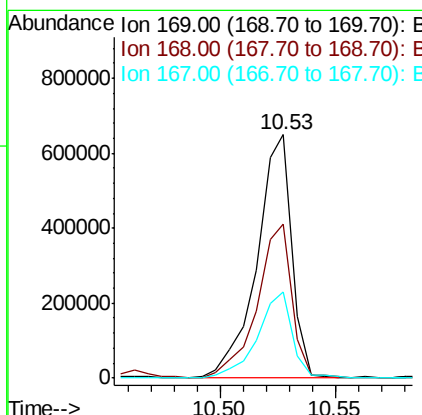
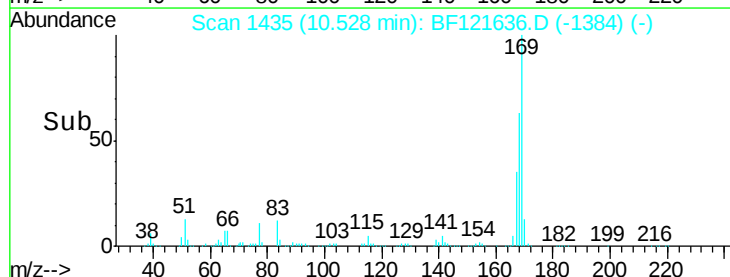
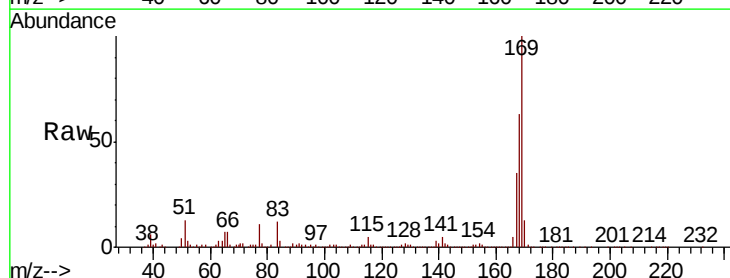
Manual Integrations
APPROVED

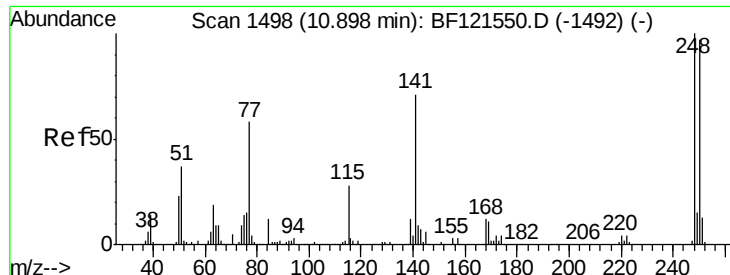
mohammad
9/22/2020 10:09:05 AM



#66
n-Nitrosodiphenylamine
Concen: 40.228 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.3	51.8	77.8
167	35.5	28.4	42.6





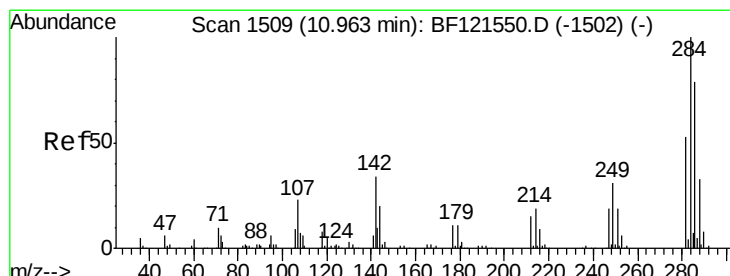
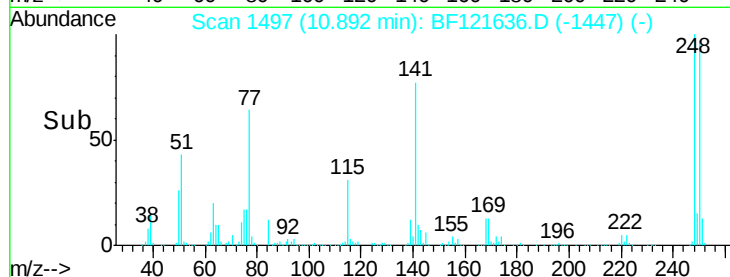
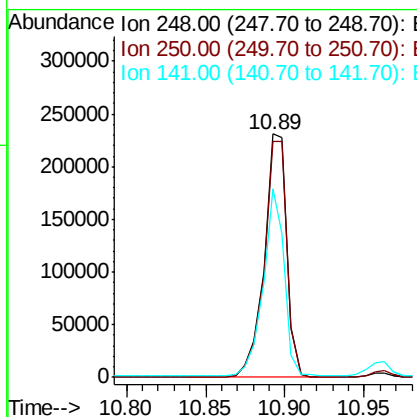
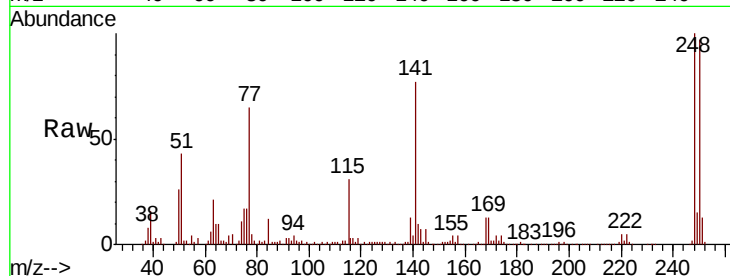
#67
 4-Bromophenyl-phenylether
 Concen: 41.413 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion:	248	Resp:	233133
Ion Ratio	Lower	Upper	
248	100		
250	97.0	79.4	119.0
141	77.2	52.2	78.4

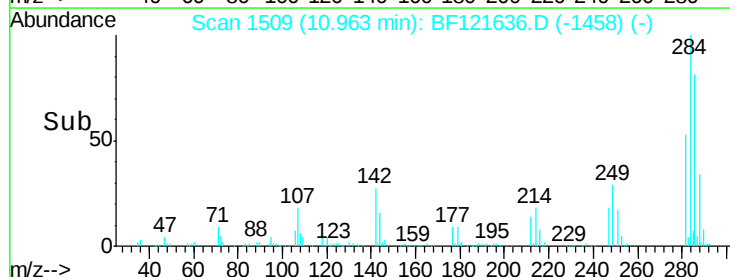
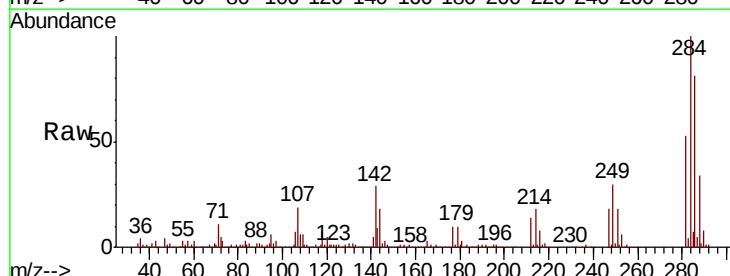
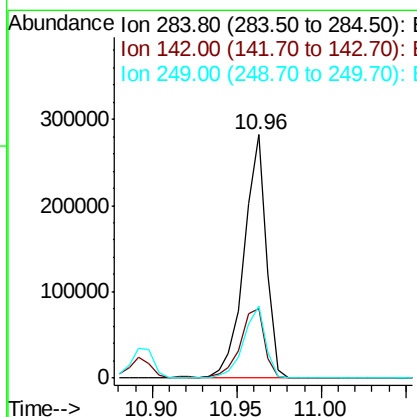
Manual Integrations
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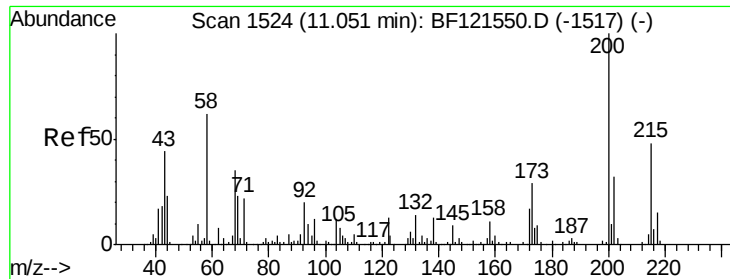
mohammad
 9/22/2020 10:09:05 AM



#68
 Hexachlorobenzene
 Concen: 40.830 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion:	284	Resp:	259388
Ion Ratio	Lower	Upper	
284	100		
142	28.7	24.0	36.0
249	29.6	23.9	35.9





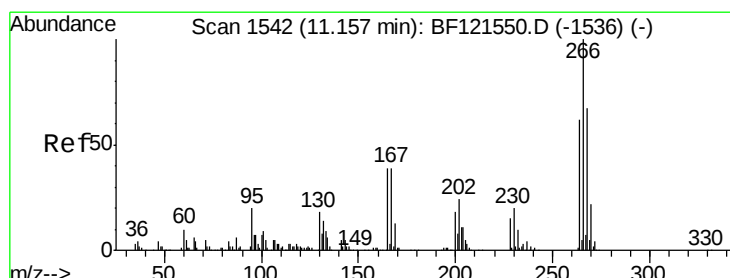
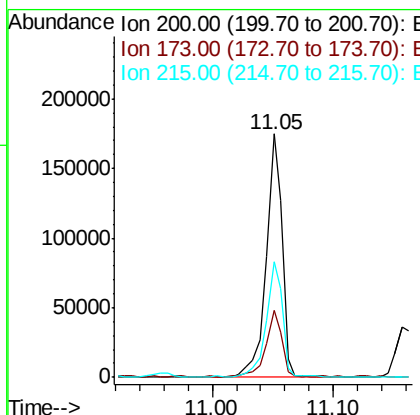
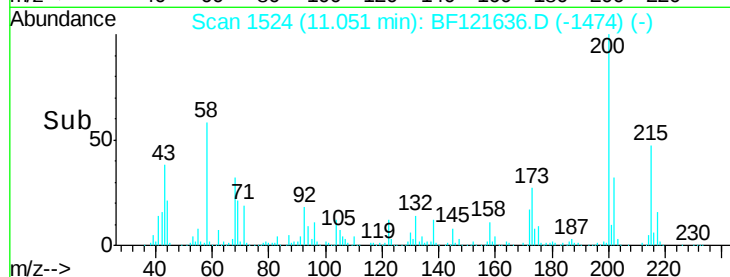
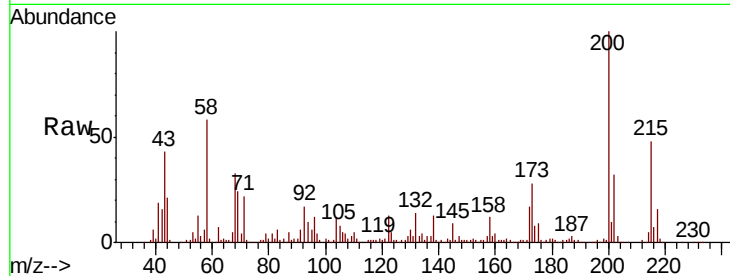
#69
Atrazine
Concen: 38.412 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.0	46.0
215	47.6	28.4	68.4

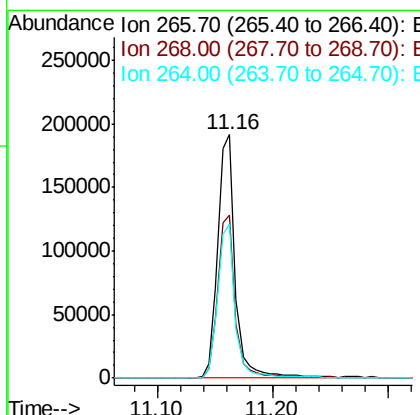
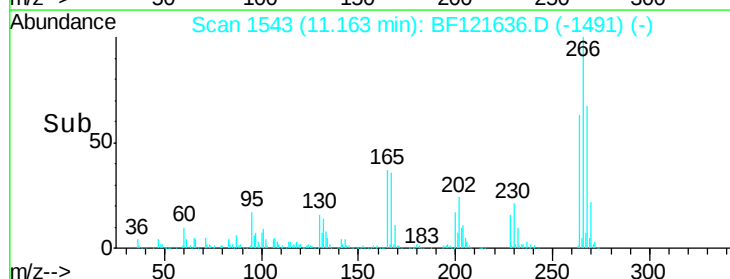
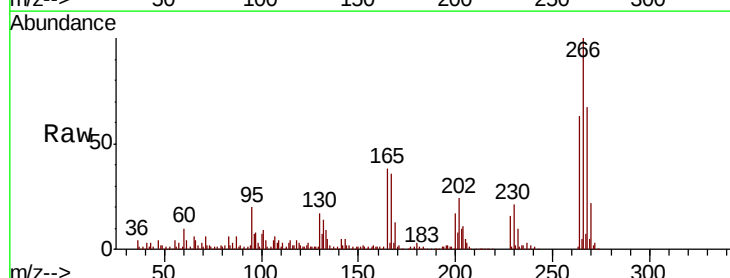
Manual Integrations
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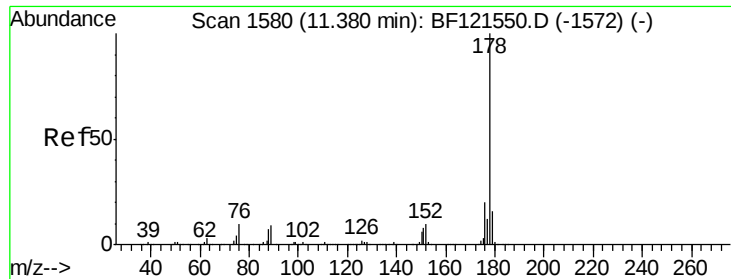
mohammad
9/22/2020 10:09:05 AM



#70
Pentachlorophenol
Concen: 58.115 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	54.6	81.8
264	63.3	51.1	76.7





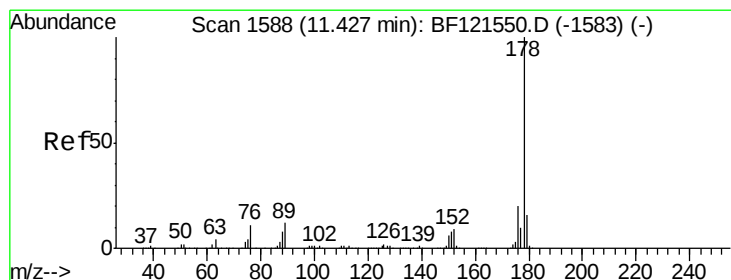
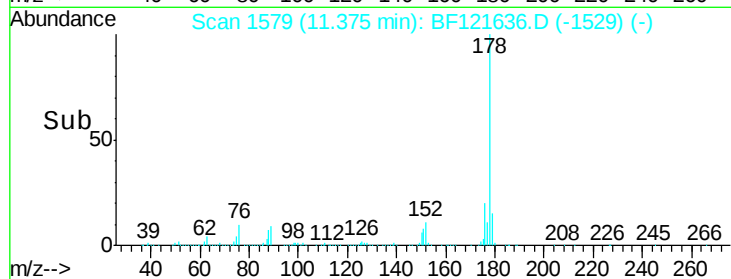
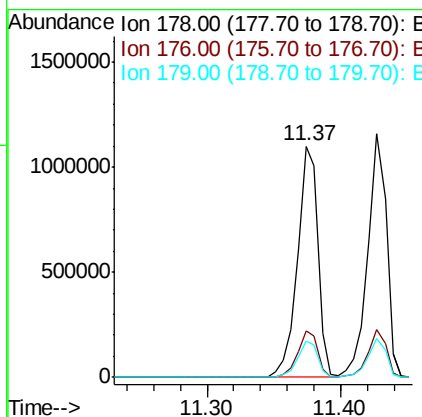
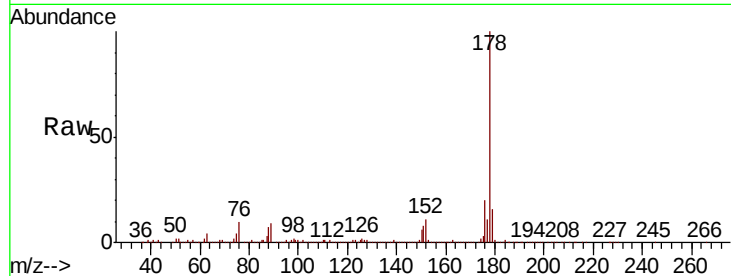
#71
Phenanthrene
Concen: 43.088 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion:178 Resp: 1160755
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.7 12.6 18.8

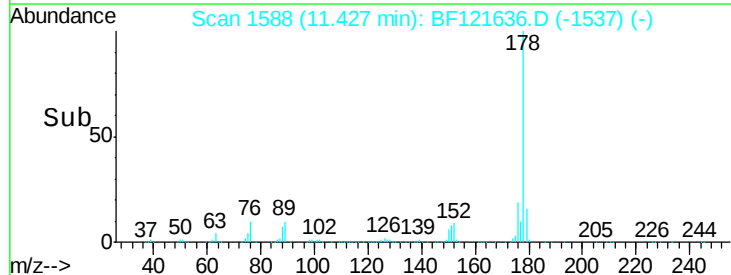
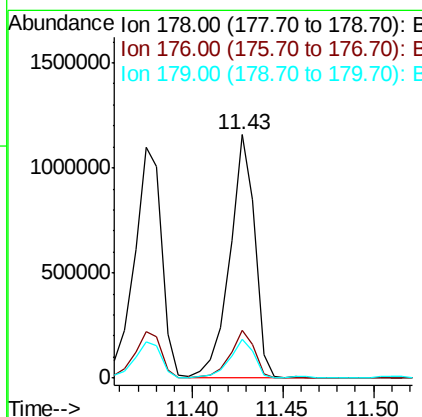
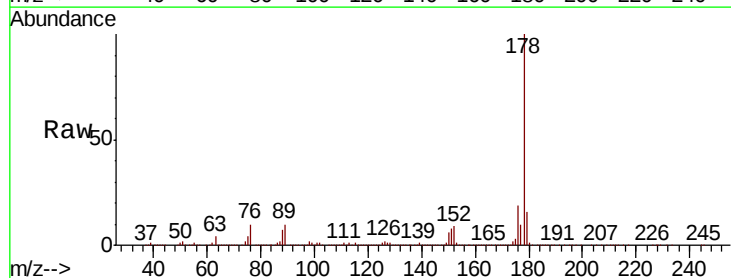
Manual Integrations
APPROVED

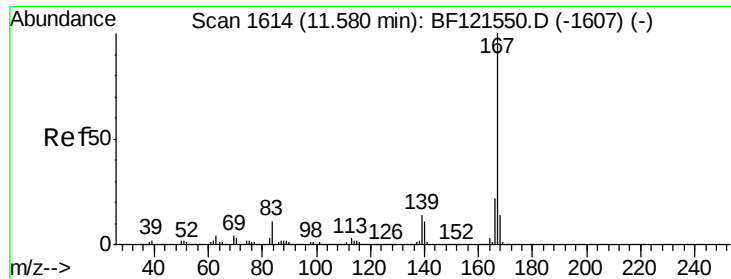
mohammad
9/22/2020 10:09:05 AM



#72
Anthracene
Concen: 39.773 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion:178 Resp: 1105694
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.9 12.6 19.0





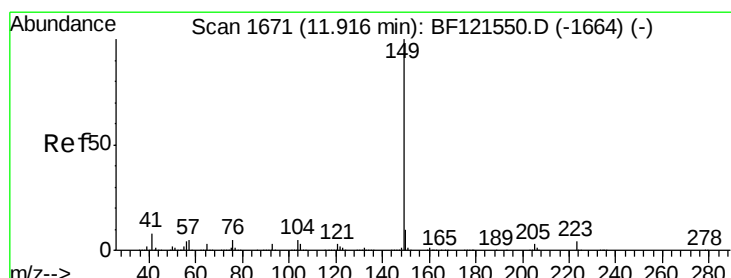
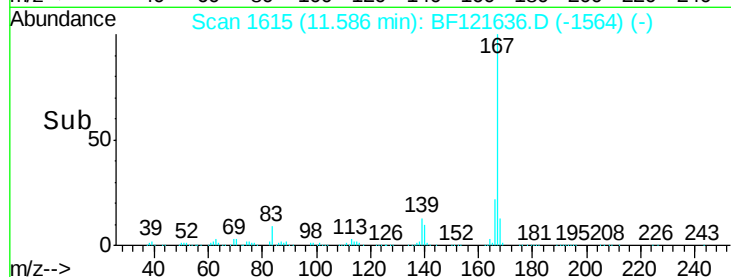
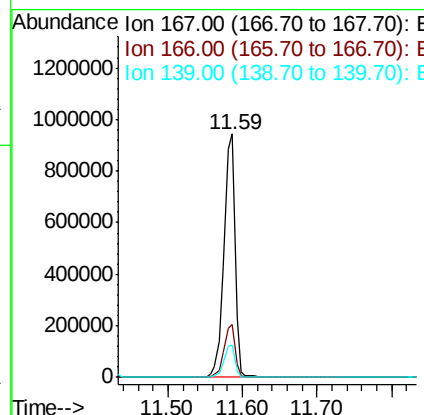
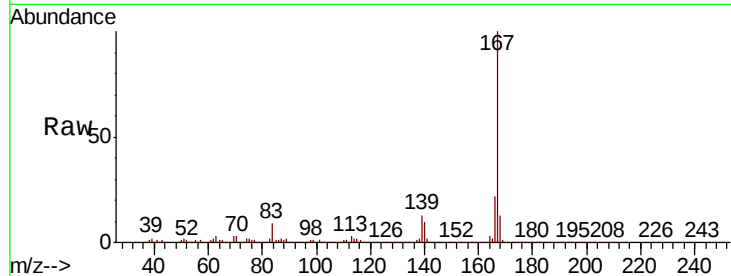
#73
 Carbazole
 Concen: 38.260 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	13.1	10.9	16.3

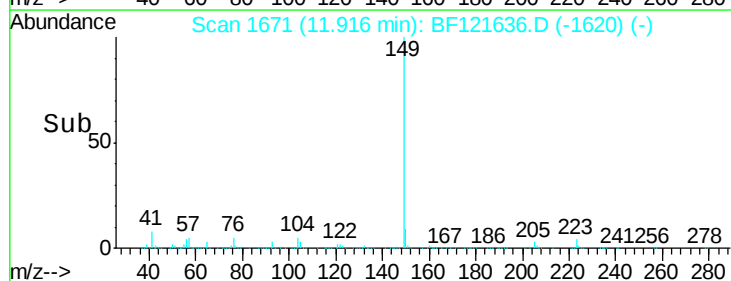
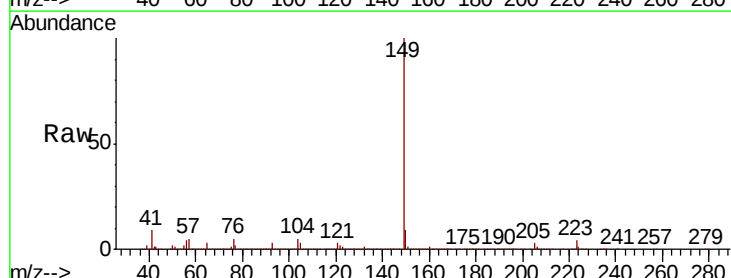
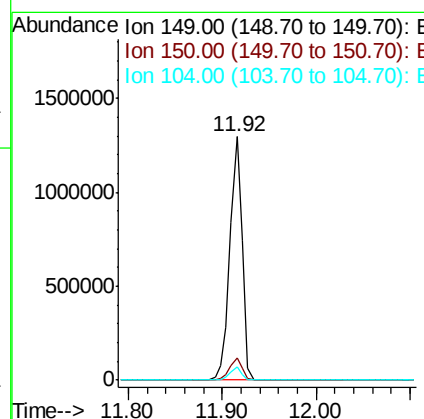
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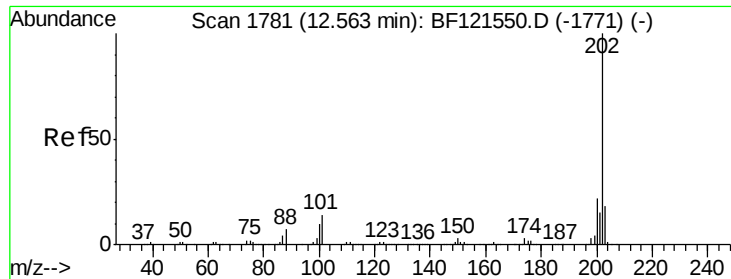
mohammad
 9/22/2020 10:09:05 AM



#74
 Di-n-butylphthalate
 Concen: 40.658 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 42.295 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

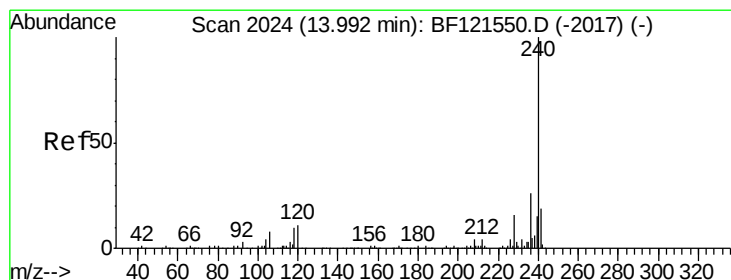
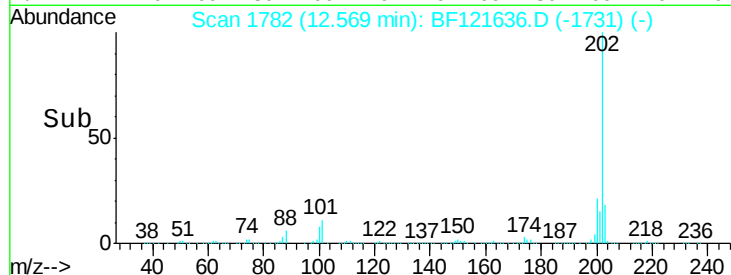
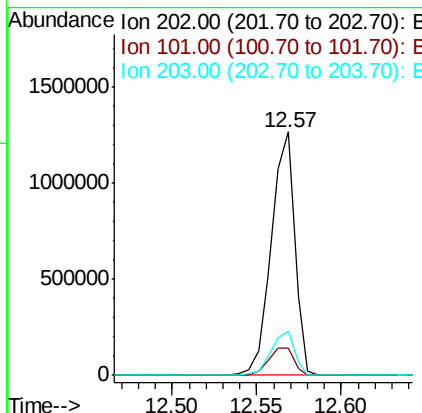
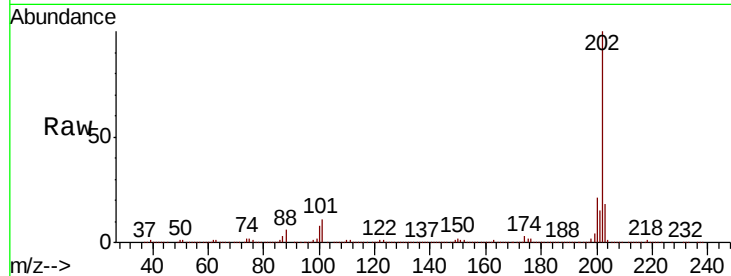
ClientSampleId :

WC-1MSD

Tot Ion:	202	Resp:	1216289
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.9
203	17.9	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

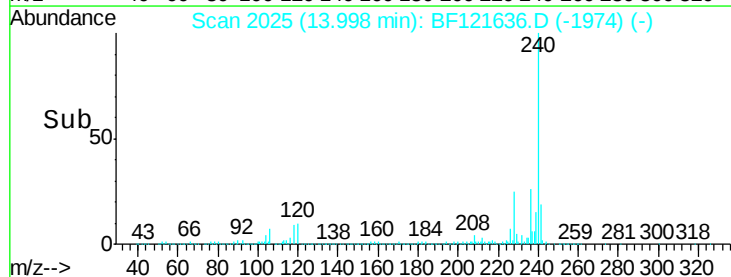
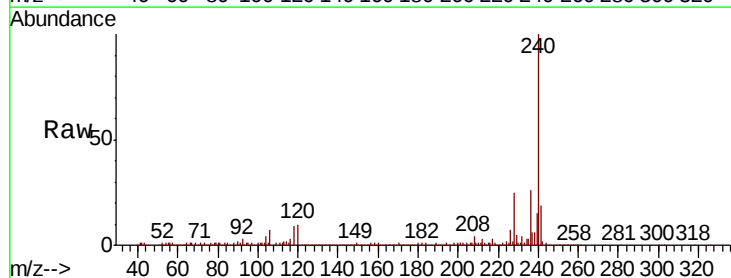
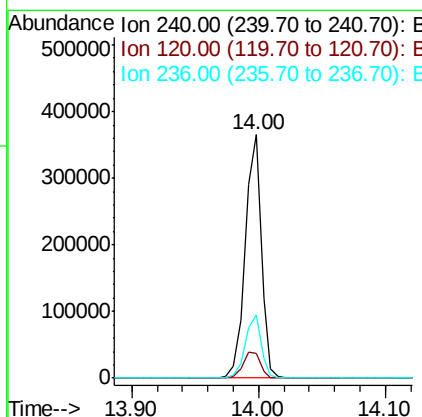
RT: 14.00 min Scan# 2025

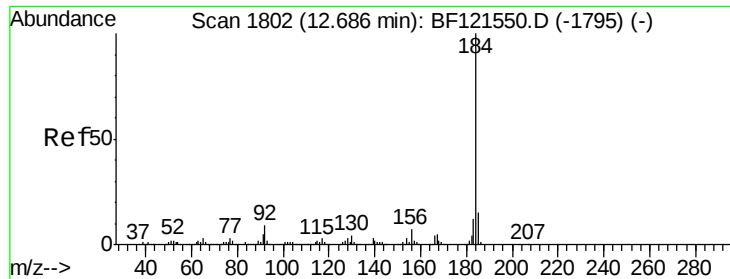
Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Tgt Ion:	240	Resp:	320771
Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.2	13.8
236	25.9	20.4	30.6





#77

Benzidine

Concen: 23.458 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

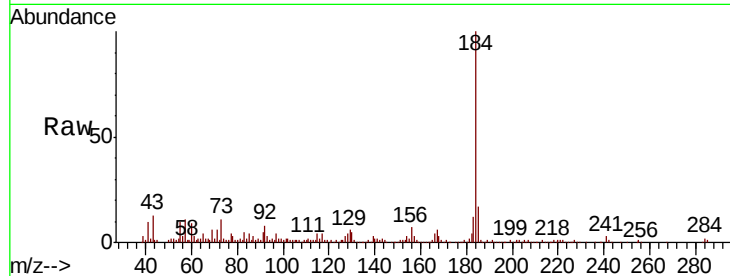
ClientSampleId :

WC-1MSD

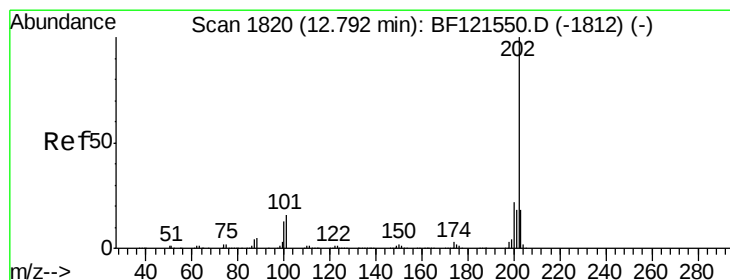
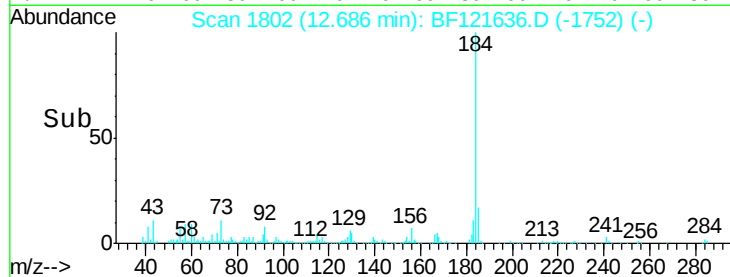
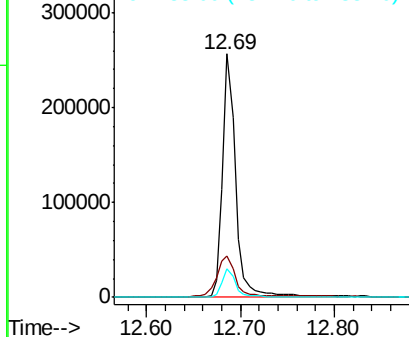
Tot Ion:	184	Resp:	249461
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.5	17.3
183	11.6	9.6	14.4

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



#78

Pyrene

Concen: 50.372 ng

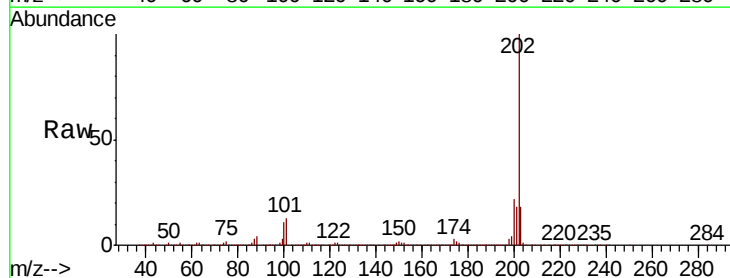
RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

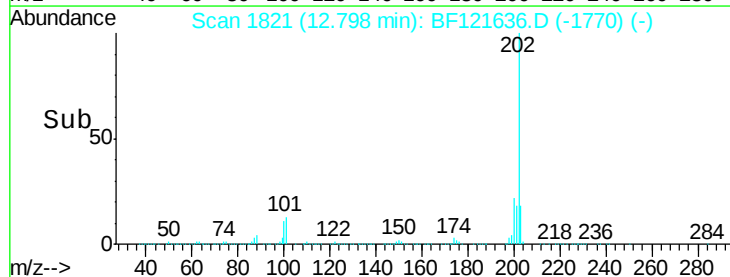
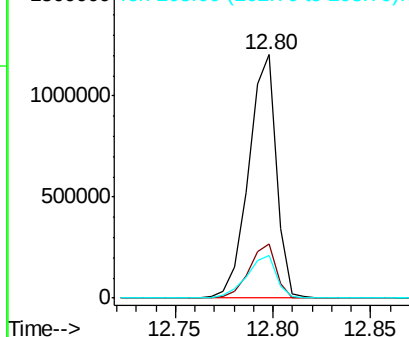
Lab File: BF121636.D

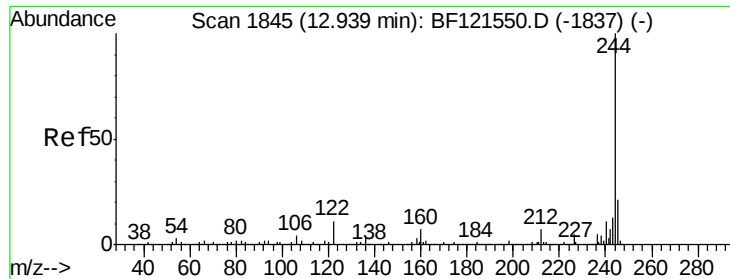
Acq: 21 Sep 2020 20:09

Tgt Ion:	202	Resp:	1180542
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.6
203	17.7	14.4	21.6



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





#79

Terphenyl-d14

Concen: 76.775 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:244 Resp: 1215612

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

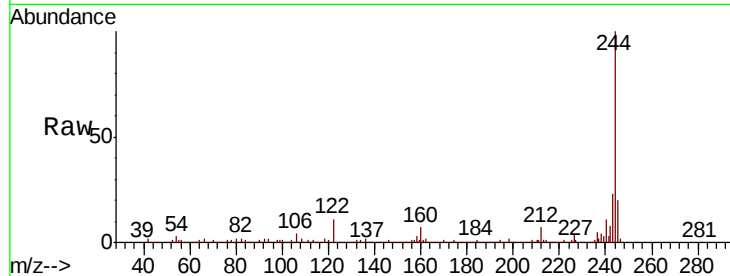
122 10.8 7.4 11.0

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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

12.94

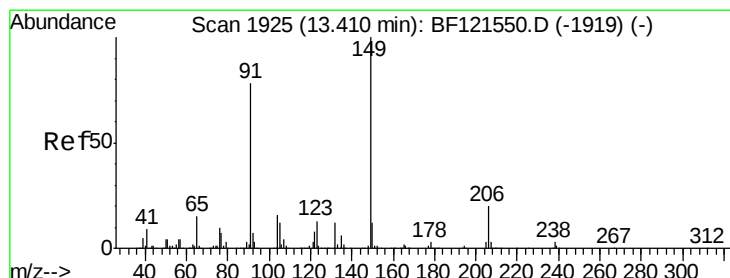
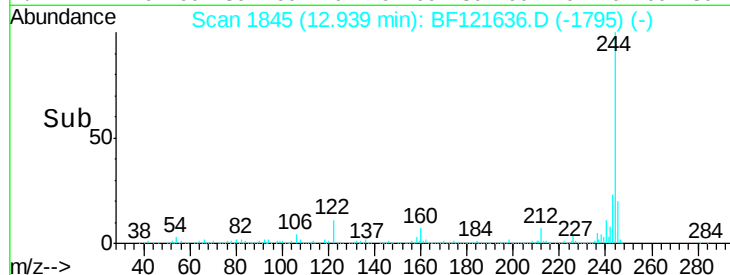
1500000

1000000

500000

0

Time-->



#80

Butylbenzylphthalate

Concen: 44.482 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BF121636.D

Acq: 21 Sep 2020 20:09

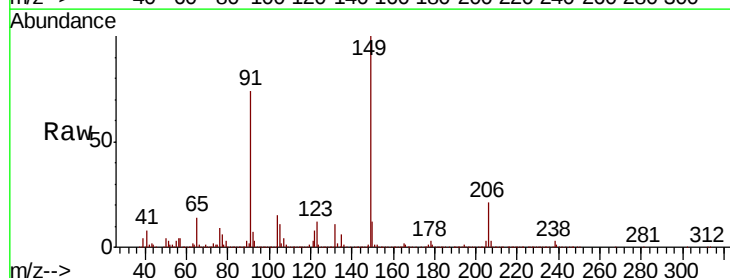
Tgt Ion:149 Resp: 421619

Ion Ratio Lower Upper

149 100

91 73.8 61.0 91.4

206 20.8 16.6 25.0



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

13.42

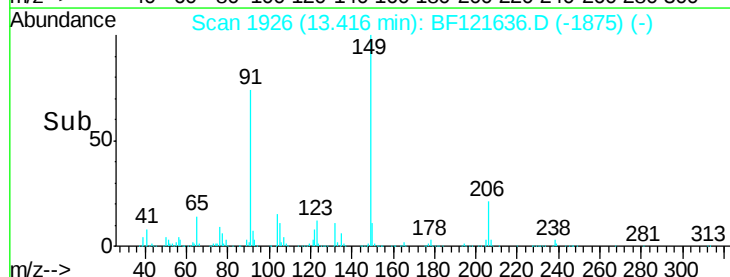
600000

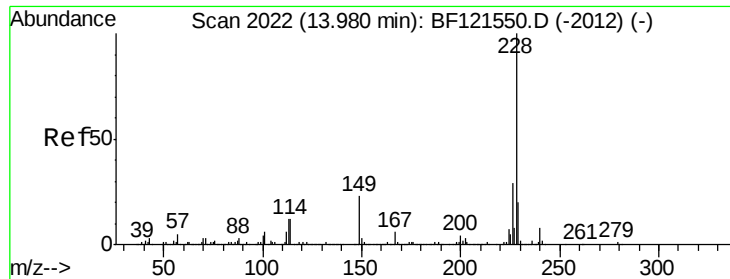
400000

200000

0

Time-->





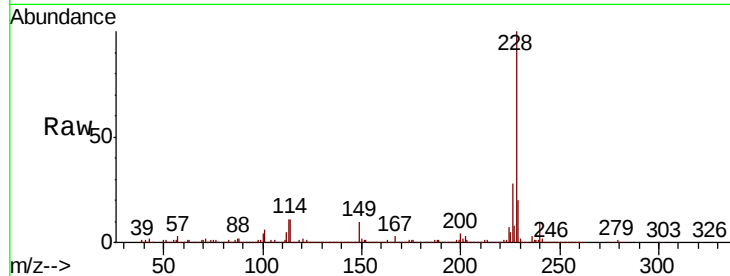
#81
Benzo(a)anthracene
Concen: 44.431 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

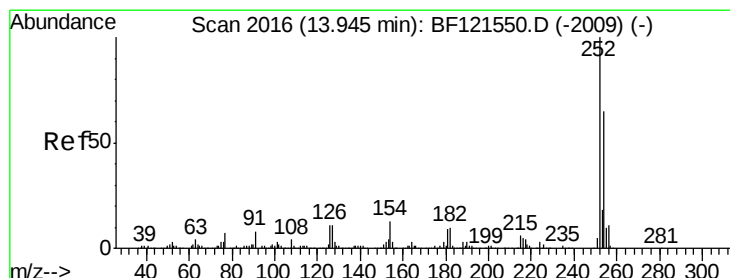
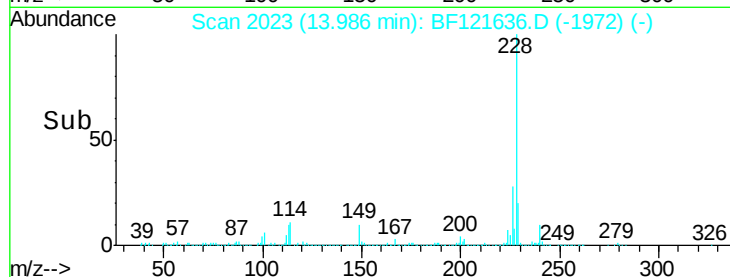
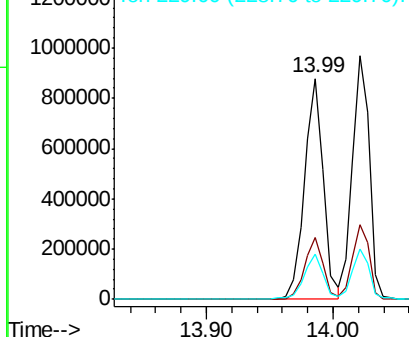
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.4	16.2	24.2

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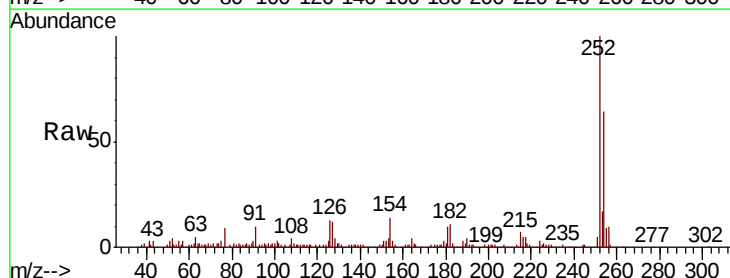


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

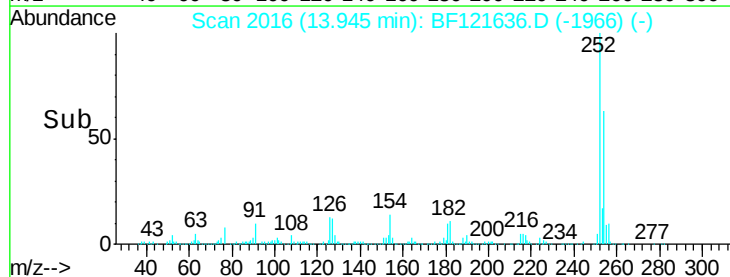
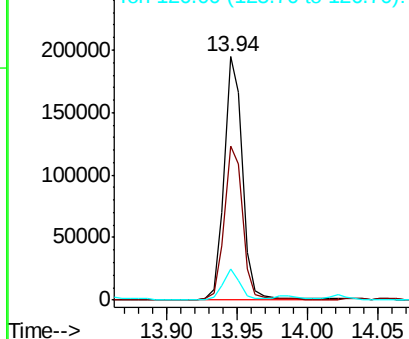


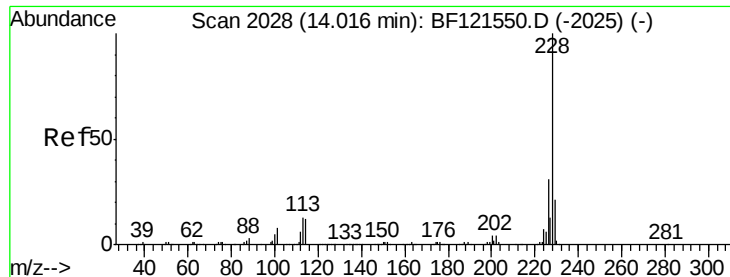
#82
3,3'-Dichlorobenzidine
Concen: 22.386 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.0	76.4
126	12.7	8.6	13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





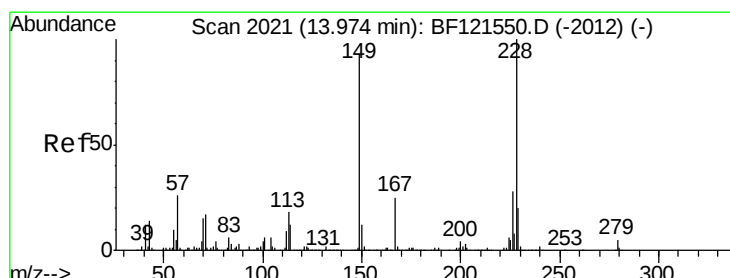
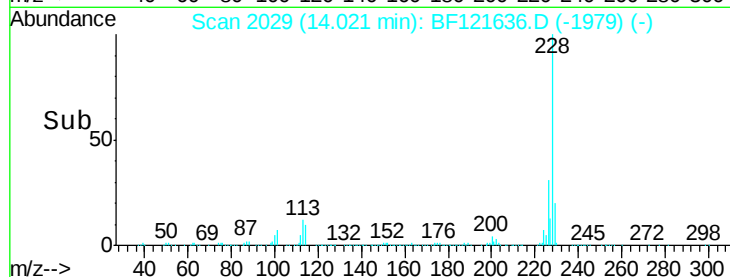
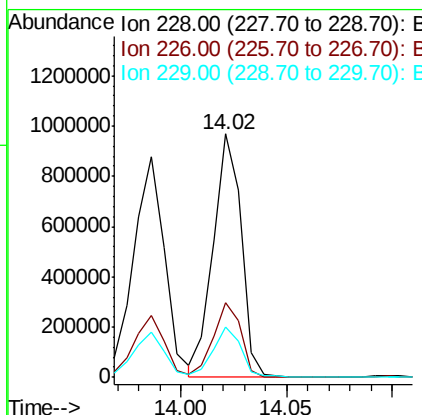
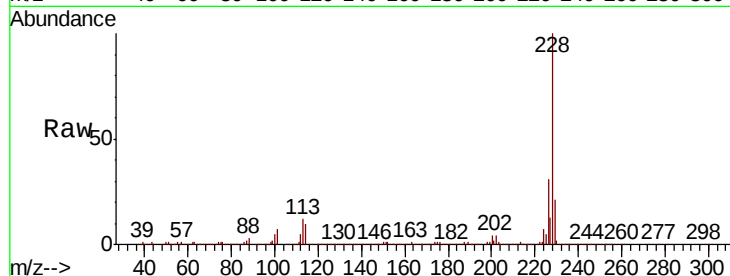
#83
Chrysene
Concen: 43.252 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.6	16.0	24.0

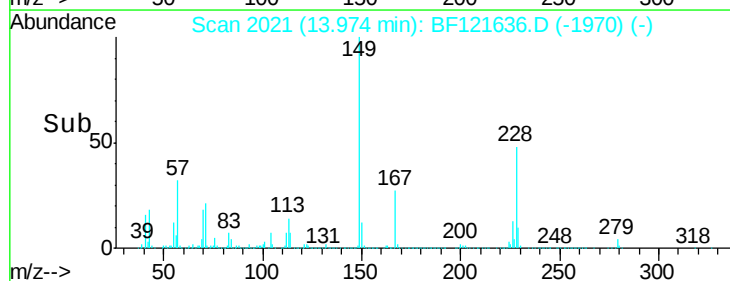
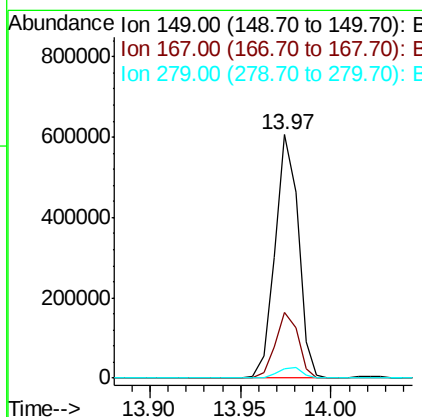
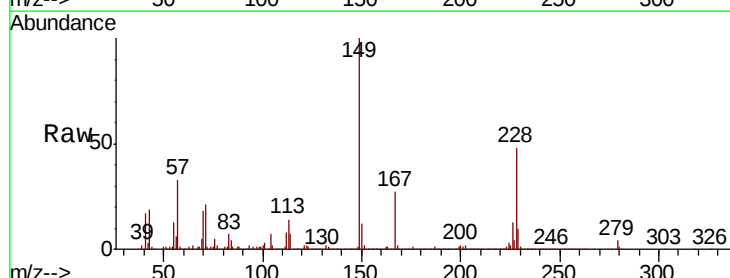
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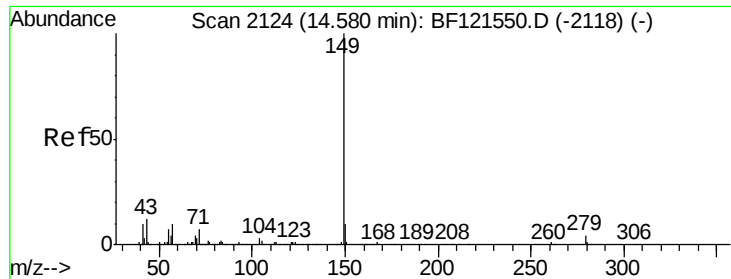
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.686 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.1	3.4	5.0





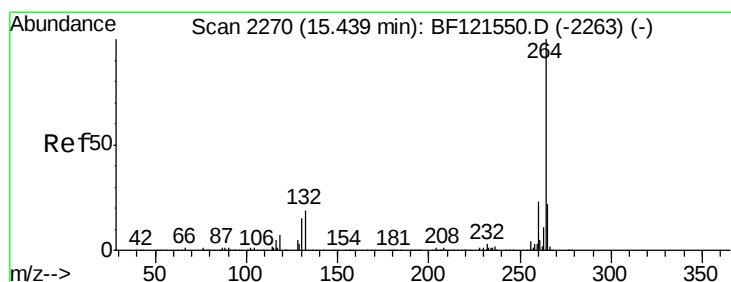
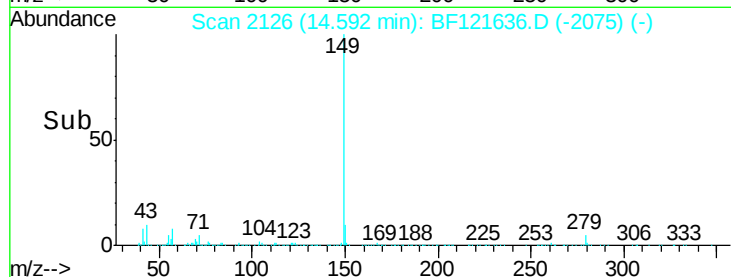
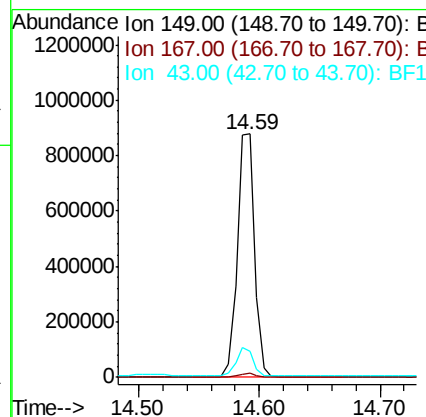
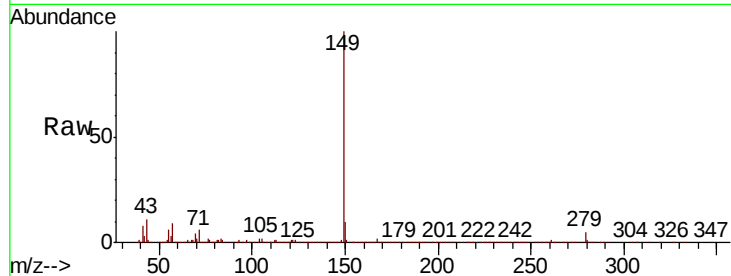
#85
Di-n-octyl phthalate
Concen: 38.946 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	870307		
167	1.5		1.2	1.8
43	10.8		9.0	13.4

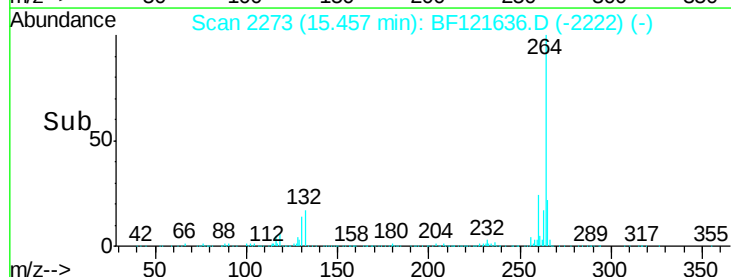
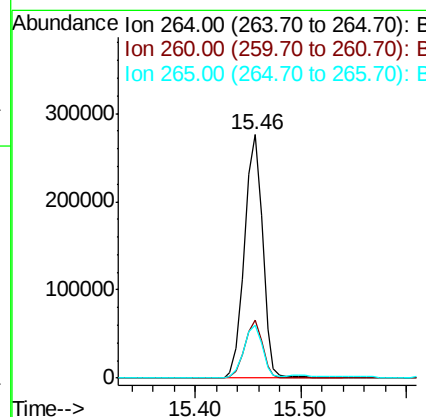
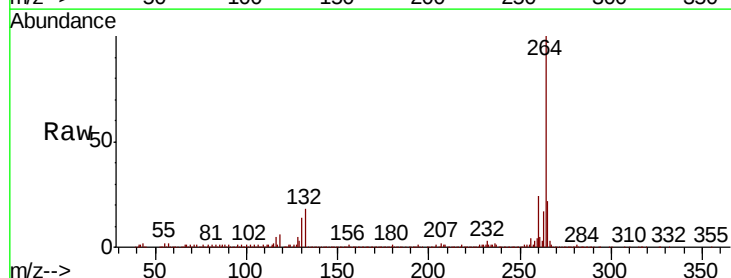
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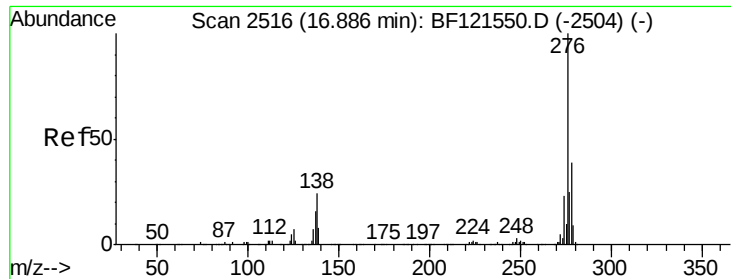
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	327338		
260	24.0		18.8	28.2
265	21.7		17.3	25.9





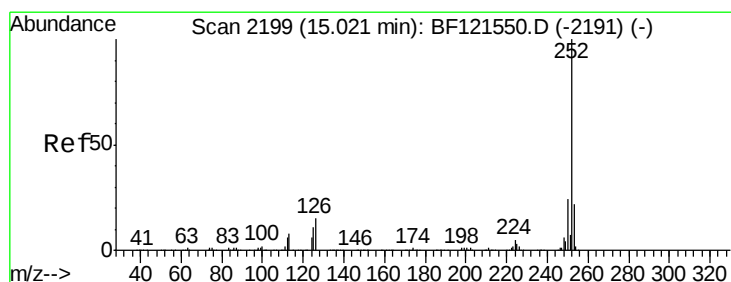
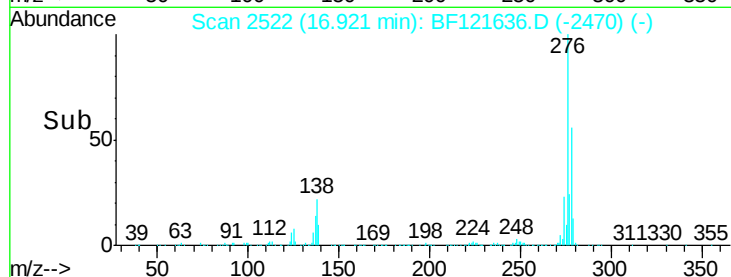
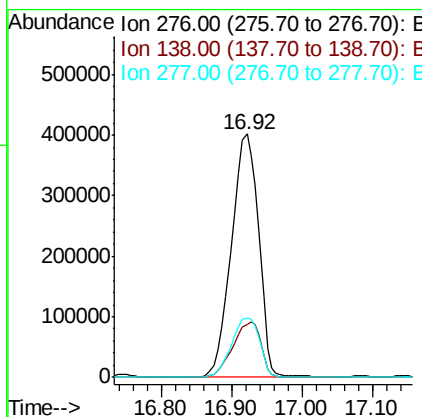
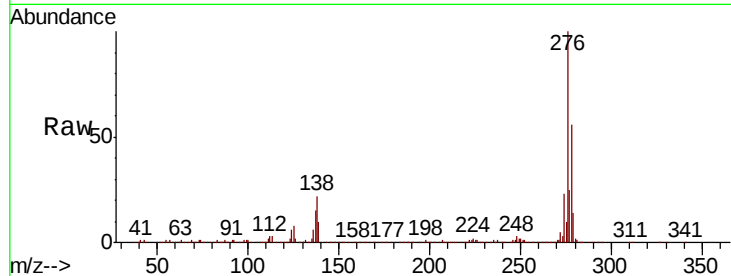
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.381 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Instrument :
 BNA_F
 ClientSampleID :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.6
277	25.5	20.2	30.2

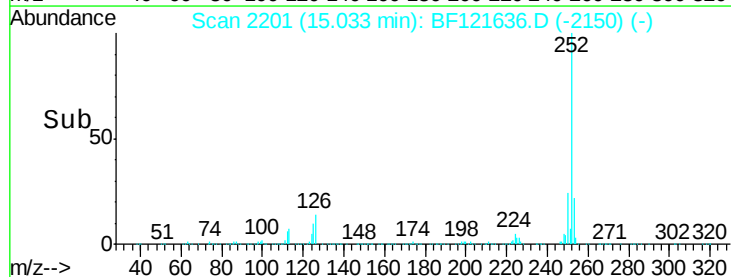
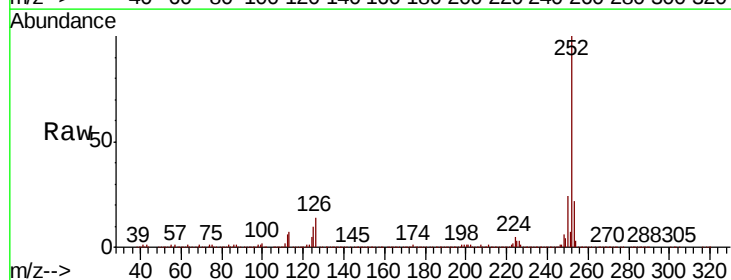
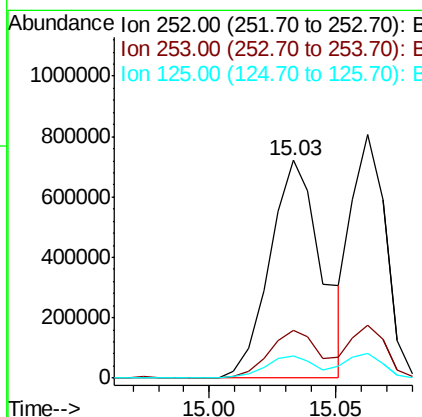
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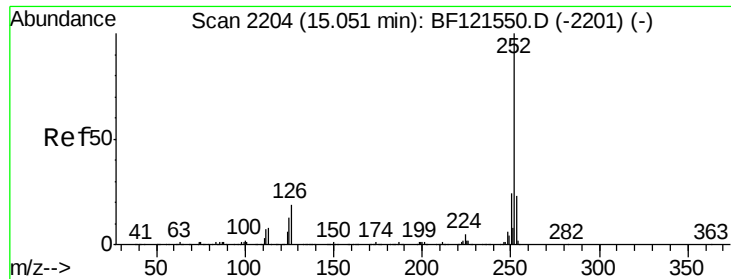
mohammad
 9/22/2020 10:09:05 AM



#88
 Benzo(b)fluoranthene
 Concen: 47.101 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF121636.D
 Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.4	8.5	12.7





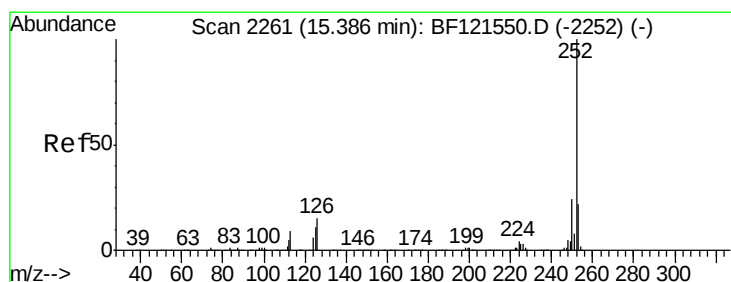
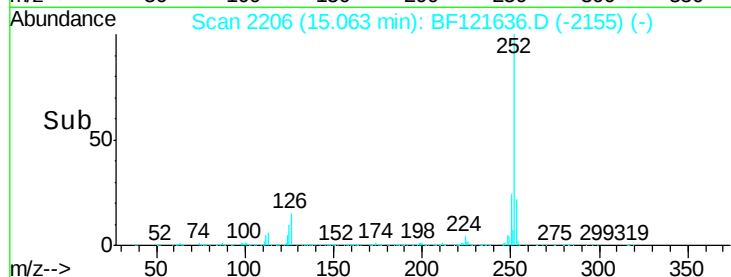
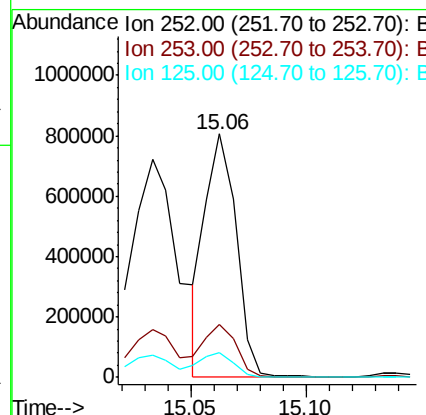
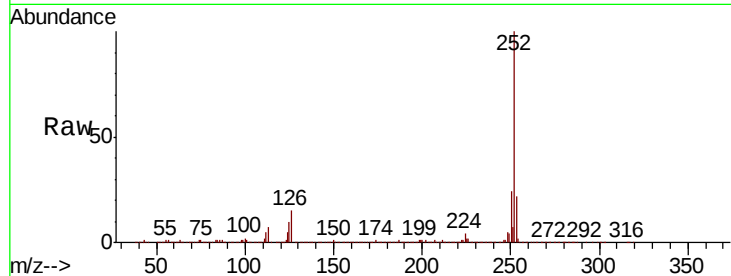
#89
Benzo(k)fluoranthene
Concen: 37.463 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.3	8.4	12.6

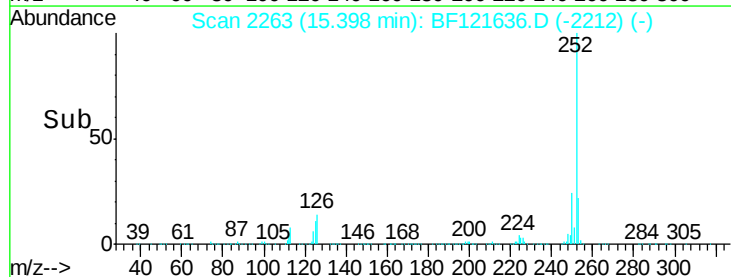
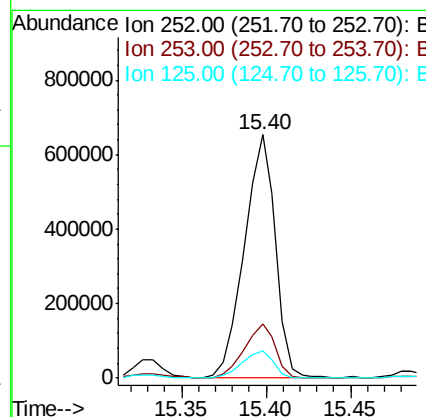
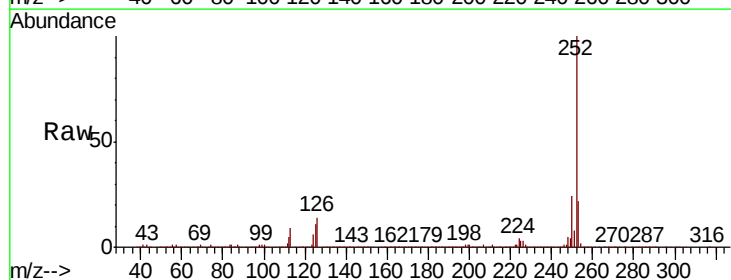
Manual Integrations
APPROVED

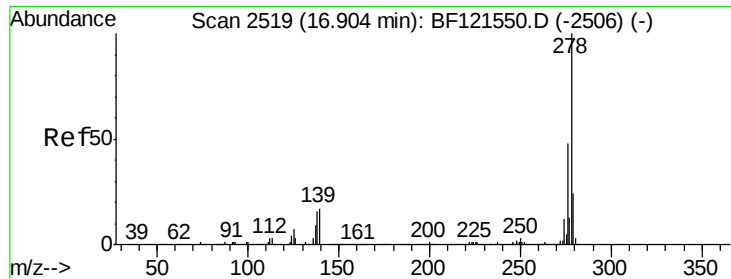
mohammad
9/22/2020 10:09:05 AM



#90
Benzo(a)pyrene
Concen: 44.786 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.2	9.1	13.7





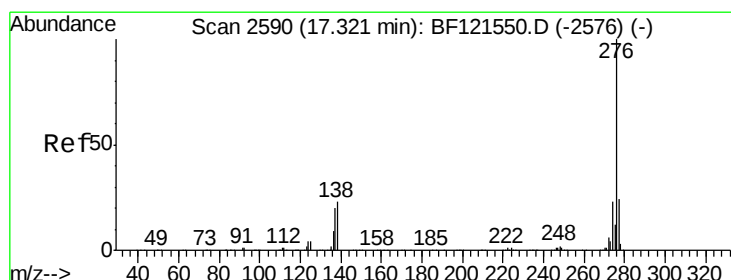
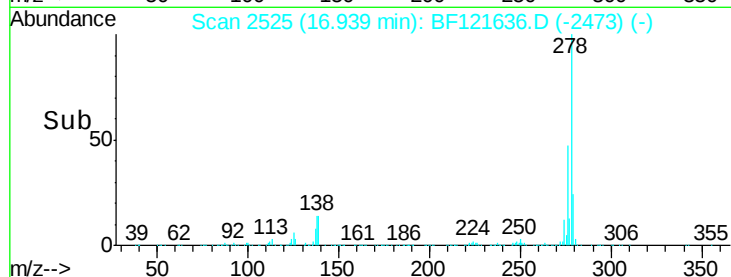
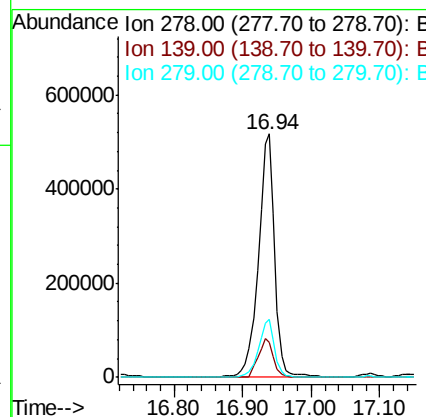
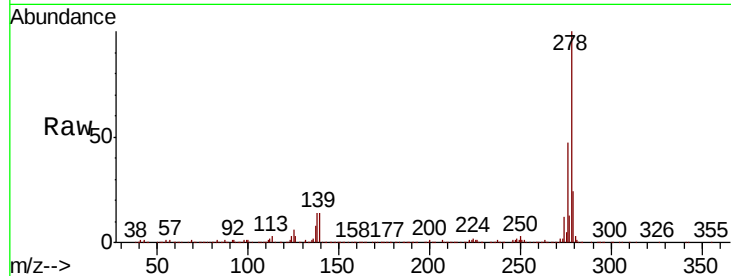
#91
Dibenzo(a,h)anthracene
Concen: 48.096 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.0	18.0
279	23.8	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/22/2020 10:09:05 AM



#92
Benzo(g,h,i)perylene
Concen: 53.394 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF121636.D
Acq: 21 Sep 2020 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	20.7	16.9	25.3

