

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121098.D
 Acq On : 29 Jul 2020 13:07
 Operator : JU/CG
 Sample : PB130545BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Manual Integrations
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mohammad
 7/30/2020 3:33:22 PM

Quant Time: Jul 29 15:15:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	164343	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	606457	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	302081	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563542	20.00	ng	0.00
76) Chrysene-d12	13.96	240	417213	20.00	ng	0.00
86) Perylene-d12	15.40	264	414540	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	773609	77.17	ng	0.01
7) Phenol-d6	6.44	99	936842	72.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	861293	82.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278940	84.36	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1536515	75.94	ng	0.00
79) Terphenyl-d14	12.91	244	1585988	82.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	155925	33.796	ng	99
3) Pyridine	3.33	79	370204	30.163	ng	99
4) n-Nitrosodimethylamine	3.27	42	192341	36.649	ng	96
6) Aniline	6.46	93	520950	30.819	ng	95
8) 2-Chlorophenol	6.59	128	436484	39.523	ng	97
9) Benzaldehyde	6.35	77	290284	49.121	ng	99
10) Phenol	6.46	94	520980	36.573	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	410953	37.643	ng	99
12) 1,3-Dichlorobenzene	6.75	146	446759	37.307	ng	99
13) 1,4-Dichlorobenzene	6.82	146	448518	37.666	ng	99
14) 1,2-Dichlorobenzene	6.97	146	414979	36.837	ng	99
15) Benzyl Alcohol	6.95	79	321998	35.161	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	566442	35.998	ng	100
17) 2-Methylphenol	7.06	107	345043	35.250	ng	99
18) Hexachloroethane	7.32	117	169166	39.251	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	260443	35.369	ng	99
20) 3+4-Methylphenols	7.22	107	391181	31.416	ng	96
22) Acetophenone	7.21	105	538286	39.549	ng	97
24) Nitrobenzene	7.39	77	427687	37.861	ng	99
25) Isophorone	7.63	82	790468	37.790	ng	98
26) 2-Nitrophenol	7.70	139	228716	42.631	ng	98
27) 2,4-Dimethylphenol	7.75	122	370129	42.492	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	508633	39.835	ng	100
29) 2,4-Dichlorophenol	7.95	162	346667	38.947	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	382207	38.703	ng	98
31) Naphthalene	8.11	128	1194276	38.391	ng	100
32) Benzoic acid	7.87	122	239875	36.685	ng	99
33) 4-Chloroaniline	8.16	127	365608	26.346	ng	99
34) Hexachlorobutadiene	8.23	225	223627	38.413	ng	100
35) Caprolactam	8.53	113	108072m	37.861	ng	
36) 4-Chloro-3-methylphenol	8.65	107	354504	38.833	ng	96
37) 2-Methylnaphthalene	8.80	142	801847	39.698	ng	100
38) 1-Methylnaphthalene	8.90	142	752132	39.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	360712	40.984	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	420423	86.430	nq	99
43) 2,4,6-Trichlorophenol	9.08	196	255875	41.290	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	267589	38.067	nq	98
46) 1,1'-Biphenyl	9.26	154	954909	41.441	nq	99
47) 2-Chloronaphthalene	9.29	162	735667	39.159	nq	99
48) 2-Nitroaniline	9.38	65	221506	39.015	nq	97
49) Acenaphthylene	9.70	152	1172820	40.185	nq	99
50) Dimethylphthalate	9.56	163	850271	39.015	nq	100
51) 2,6-Dinitrotoluene	9.63	165	191439	40.888	nq	90
52) Acenaphthene	9.87	154	783793m	42.241	nq	
53) 3-Nitroaniline	9.79	138	146520	24.952	nq	99
54) 2,4-Dinitrophenol	9.90	184	187144	70.343	nq	97
55) Dibenzofuran	10.05	168	1035782	38.601	nq	99
56) 4-Nitrophenol	9.96	139	322166	72.224	nq	96
57) 2,4-Dinitrotoluene	10.03	165	249983	40.657	nq	89
58) Fluorene	10.39	166	750924	37.522	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	228757	42.742	nq	99
60) Diethylphthalate	10.26	149	847835	38.462	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	376042	35.229	nq	96
62) 4-Nitroaniline	10.41	138	206862	36.164	nq	99
63) Azobenzene	10.54	77	806047	38.410	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128948	40.213	nq	94
66) n-Nitrosodiphenylamine	10.50	169	726496	40.980	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	251627	40.049	nq	98
68) Hexachlorobenzene	10.93	284	278441	40.968	nq	# 92
69) Atrazine	11.03	200	201729	45.947	nq	99
70) Pentachlorophenol	11.13	266	308164	79.145	nq	98
71) Phenanthrene	11.35	178	1128665	38.942	nq	100
72) Anthracene	11.40	178	1173146	40.310	nq	99
73) Carbazole	11.56	167	1078126	37.328	nq	99
74) Di-n-butylphthalate	11.89	149	1319546	39.590	nq	100
75) Fluoranthene	12.53	202	1233958	38.410	nq	98
77) Benzidine	12.66	184	718655	65.515	nq	99
78) Pyrene	12.76	202	1262052	42.786	nq	100
80) Butylbenzylphthalate	13.38	149	561374	42.692	nq	93
81) Benzo(a)anthracene	13.95	228	1014934	40.173	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	303804	31.874	nq	98
83) Chrysene	13.99	228	1044696	39.348	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	720473	44.433	nq	100
85) Di-n-octyl phthalate	14.55	149	1332198	41.296	nq	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1152750	39.985	nq	99
88) Benzo(b)fluoranthene	14.99	252	1115130	44.503	nq	100
89) Benzo(k)fluoranthene	15.02	252	921098	40.307	nq	99
90) Benzo(a)pyrene	15.34	252	940432	41.136	nq	98
91) Dibenzo(a,h)anthracene	16.84	278	959407	40.740	nq	99
92) Benzo(g,h,i)perylene	17.26	276	971088	41.822	nq	99

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

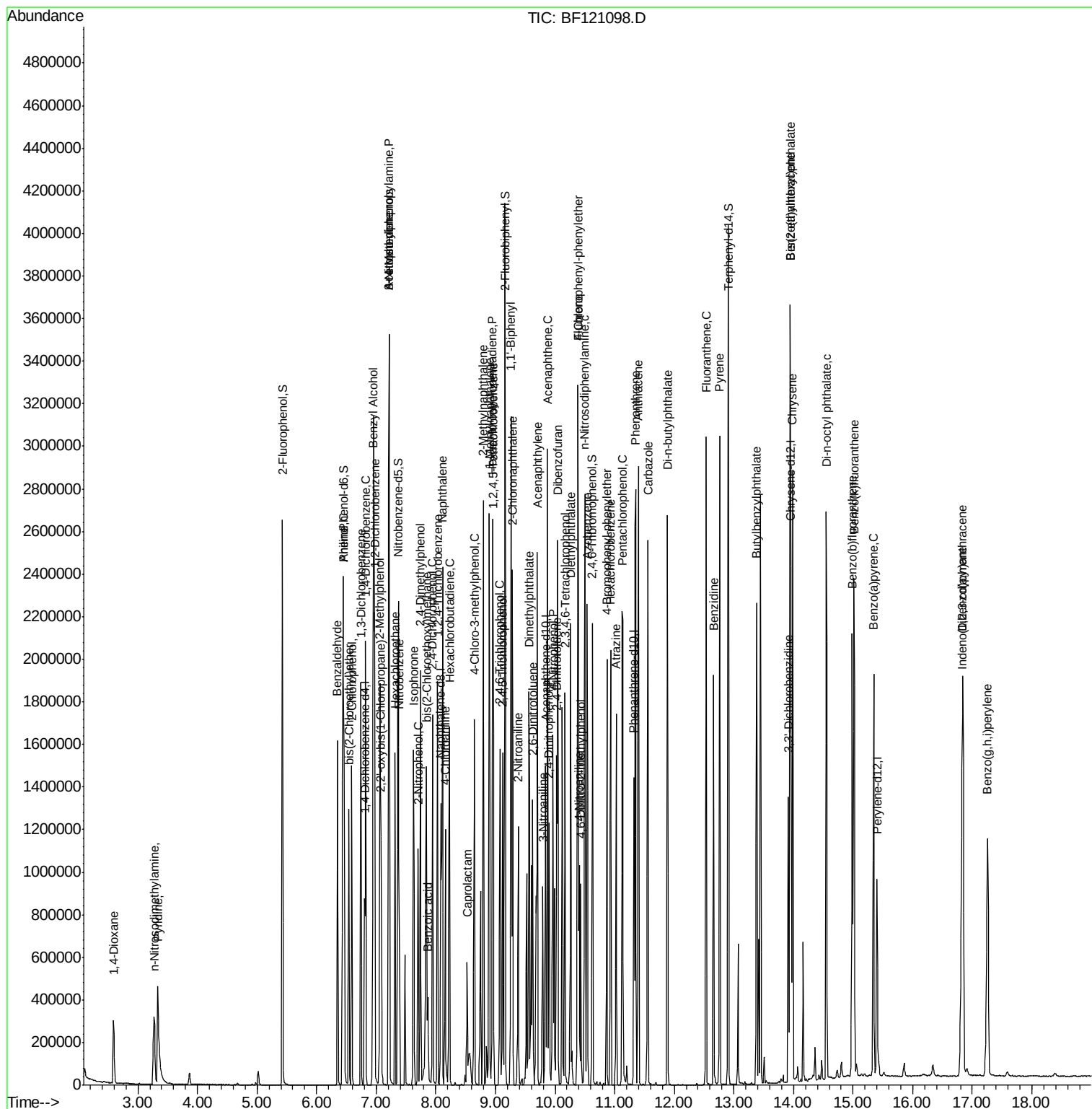
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
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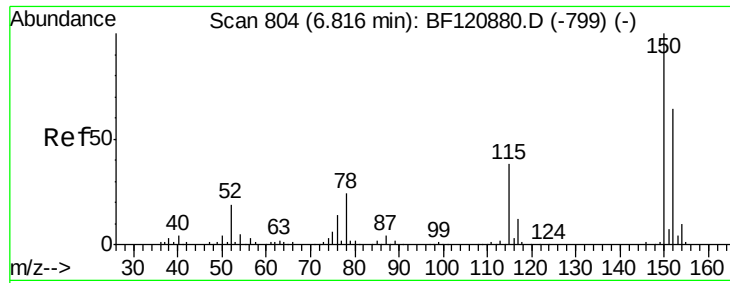
Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

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#1

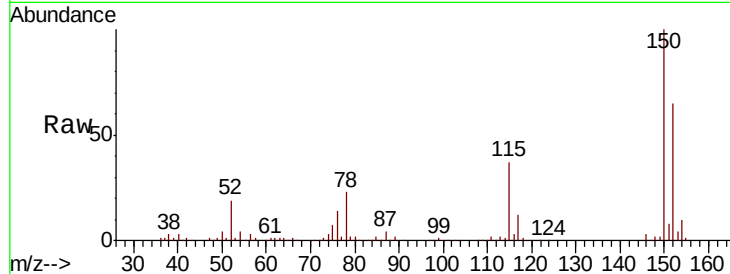
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.6	188.4
115	56.4	46.2	69.2

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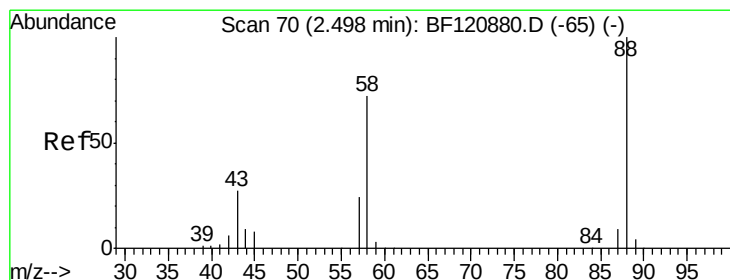
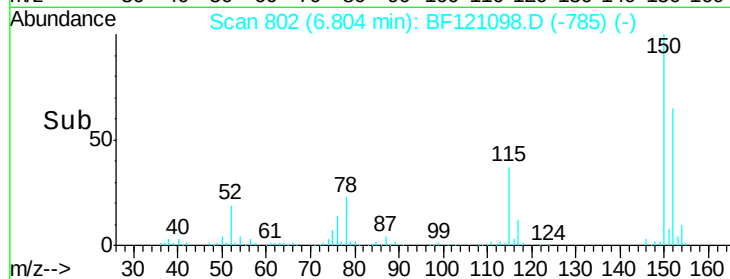
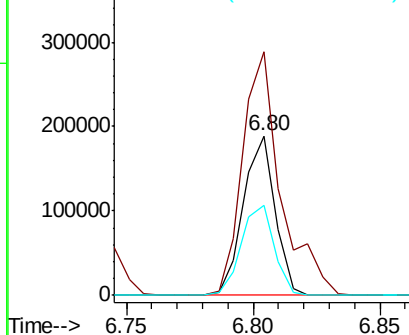


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

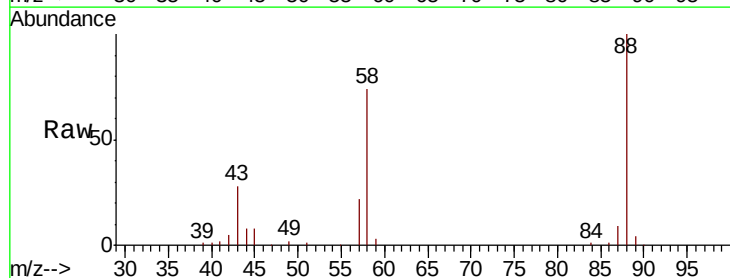
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.796 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	58.2	87.4
43	28.1	21.3	31.9

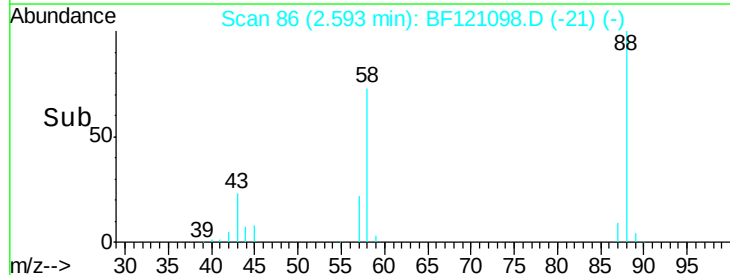
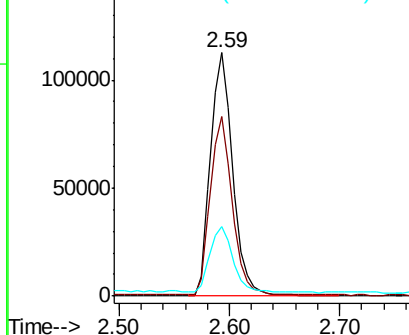


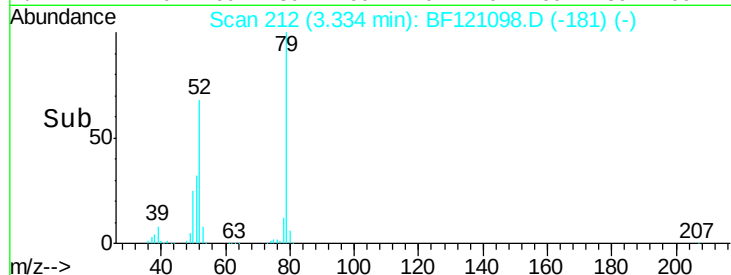
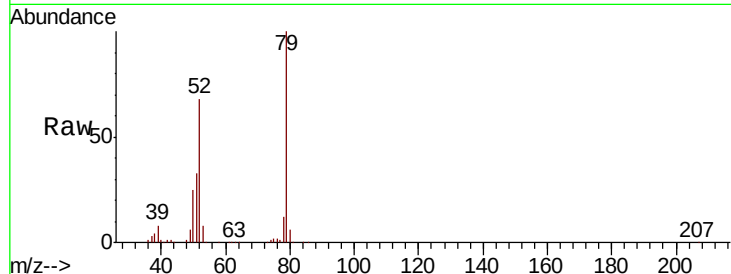
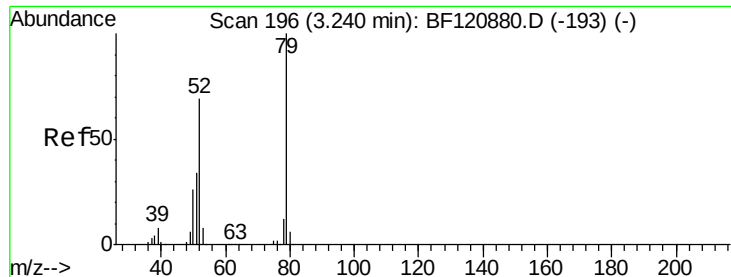
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





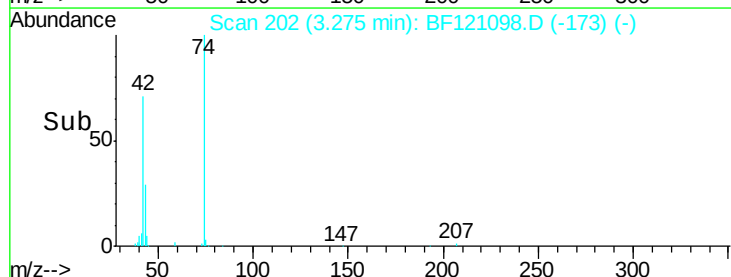
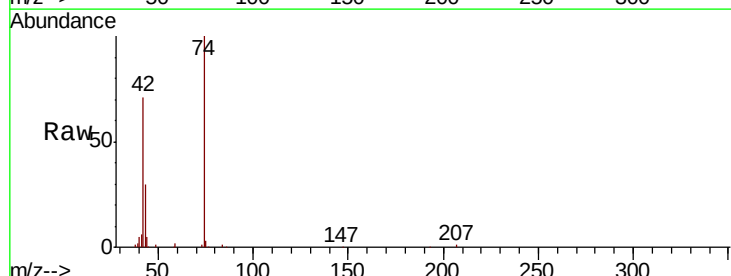
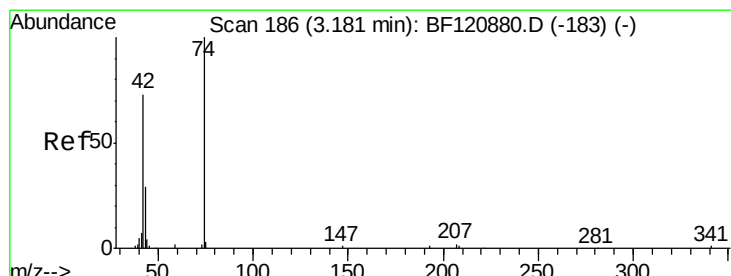
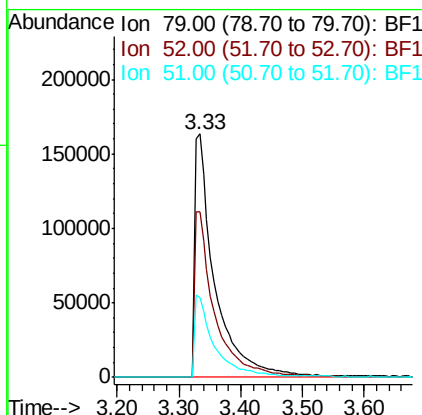
#3
 Pvridine
 Concen: 30.163 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tot Ion	79	Resp	370204
Ion	Ratio	Lower	Upper
79	100		
52	68.0	54.9	82.3
51	32.7	27.4	41.0

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

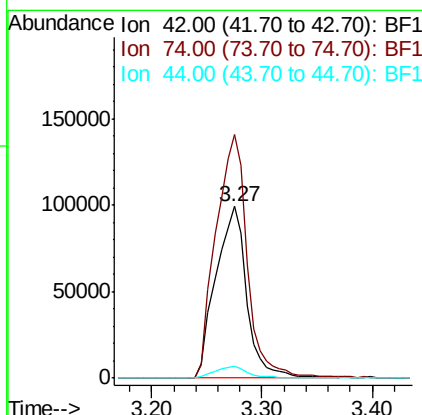
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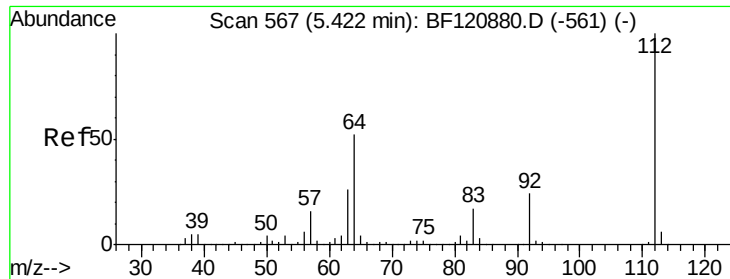
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#4
 n-Nitrosodimethylamine
 Concen: 36.649 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.07 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	42	Resp	192341
Ion	Ratio	Lower	Upper
42	100		
74	141.7	117.3	175.9
44	7.0	5.9	8.9





#5

2-Fluorophenol

Concen: 77.169 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

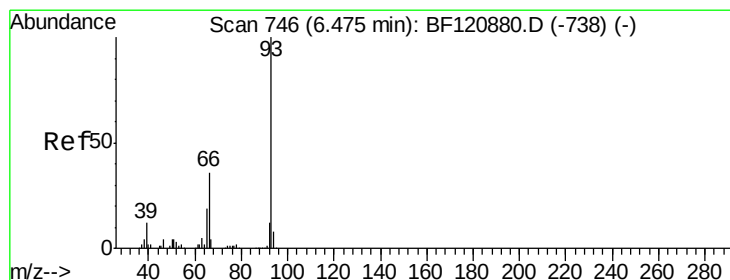
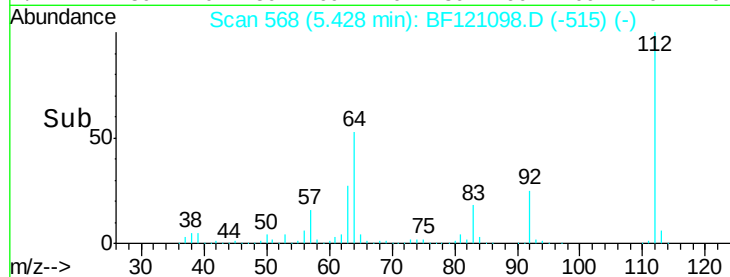
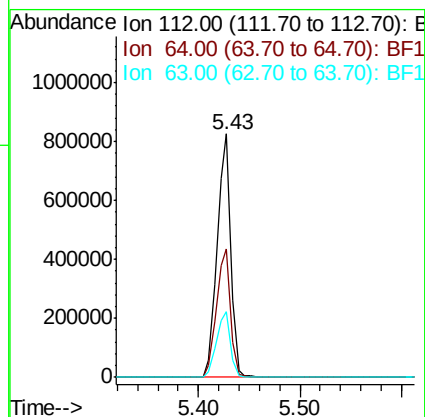
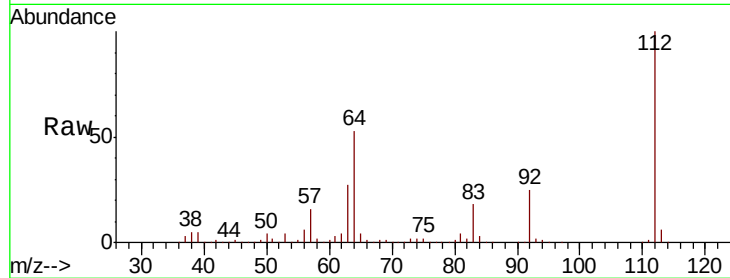
ClientSampleId :

PB130545BSD

Tot Ion:	112	Resp:	773609
Ion Ratio	Lower	Upper	
112	100		
64	52.8	43.9	65.9
63	27.0	22.7	34.1

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#6

Aniline

Concen: 30.819 ng

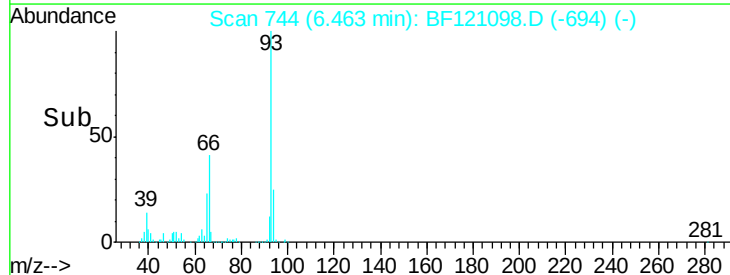
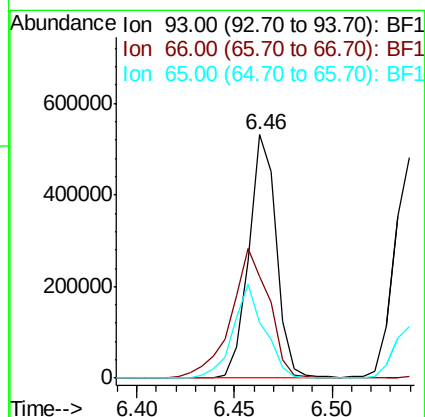
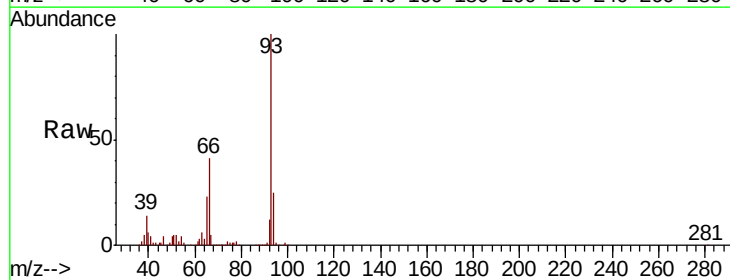
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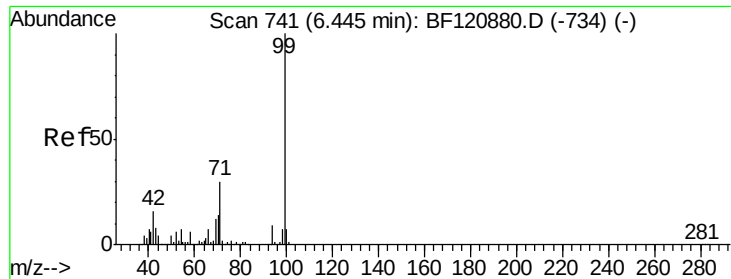
Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion:	93	Resp:	520950
Ion Ratio	Lower	Upper	
93	100		
66	41.5	31.0	46.4
65	22.6	16.2	24.4





#7

Phenol-d6

Concen: 72.345 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

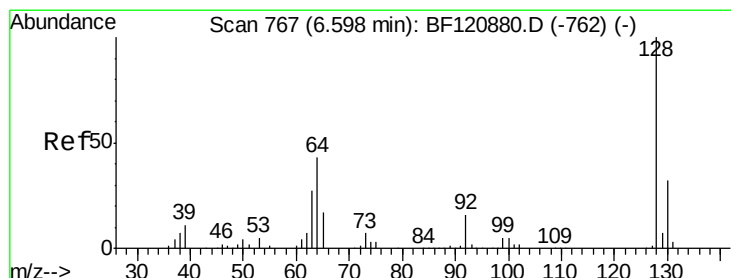
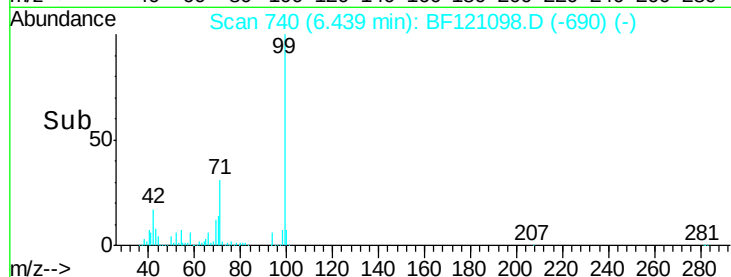
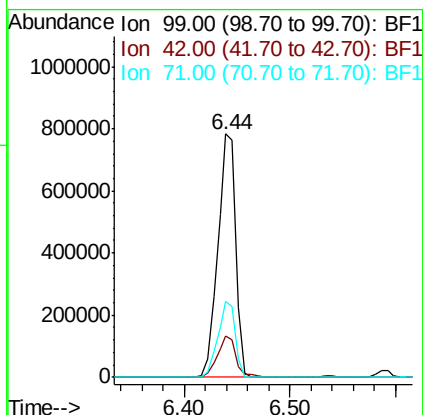
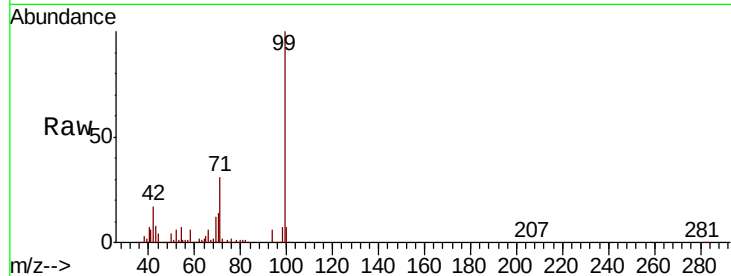
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		936842		
42	16.9	13.5	20.3		
71	31.0	25.0	37.4		

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#8

2-Chlorophenol

Concen: 39.523 ng

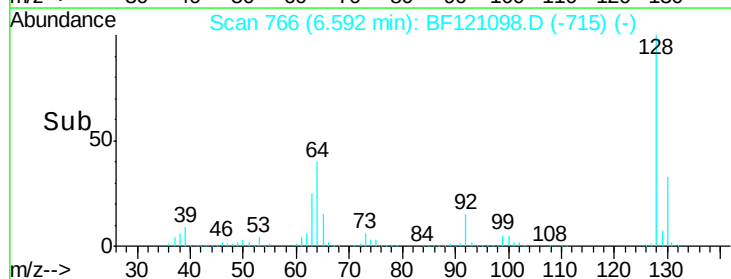
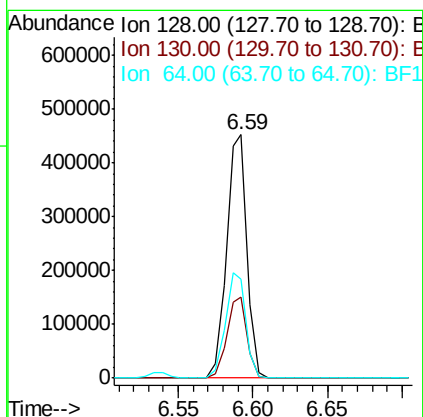
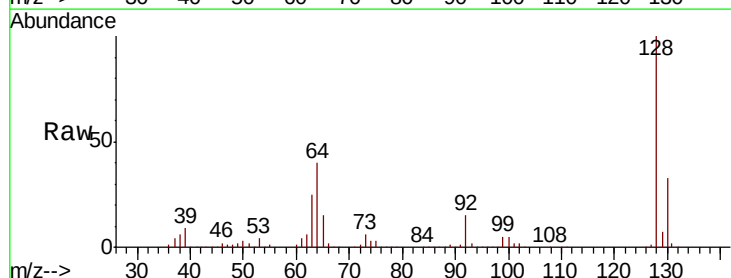
RT: 6.59 min Scan# 766

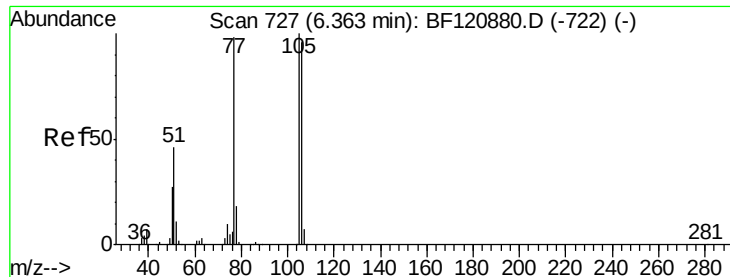
Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		436484		
130	33.1	12.7	52.7		
64	40.5	23.8	63.8		





#9

Benzaldehyde

Concen: 49.121 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

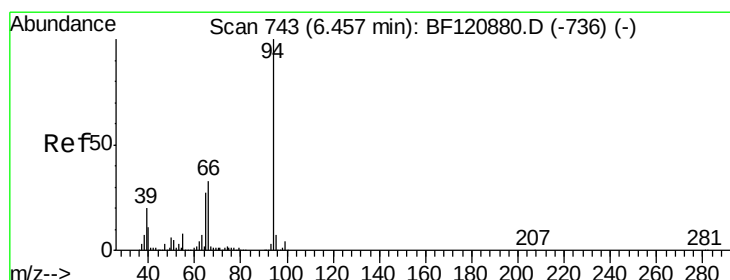
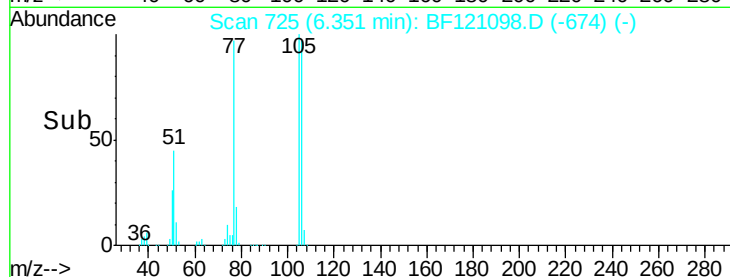
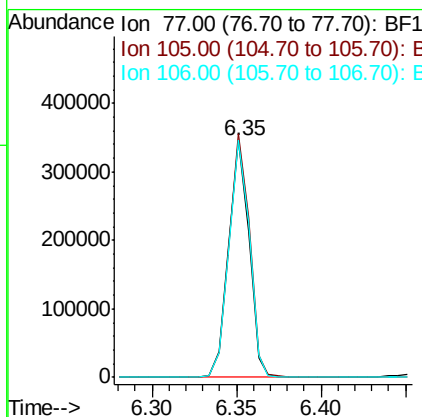
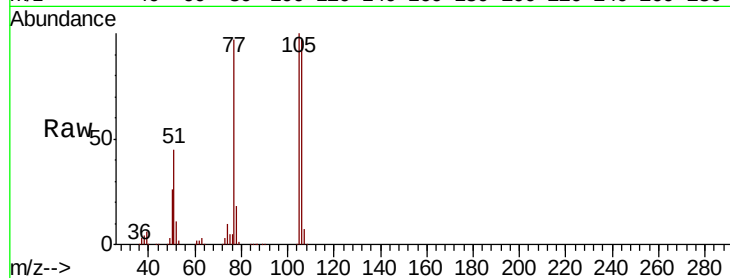
ClientSampleId :

PB130545BSD

Tot Ion:	77	Resp:	290284
Ion	Ratio	Lower	Upper
77	100		
105	102.8	82.4	122.4
106	100.1	78.9	118.9

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#10

Phenol

Concen: 36.573 ng

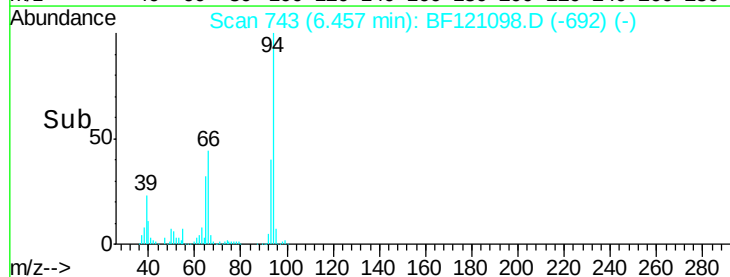
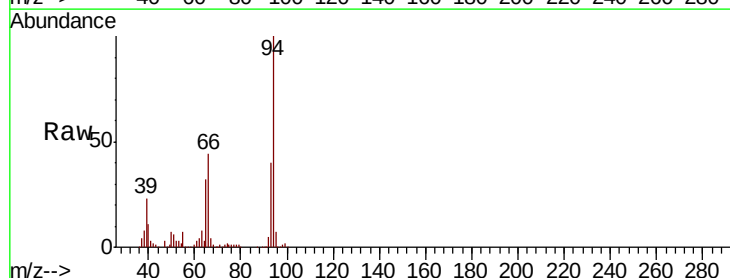
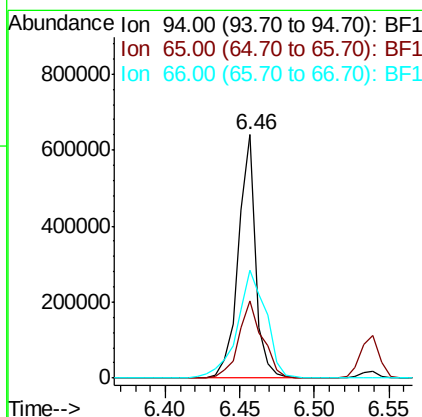
RT: 6.46 min Scan# 743

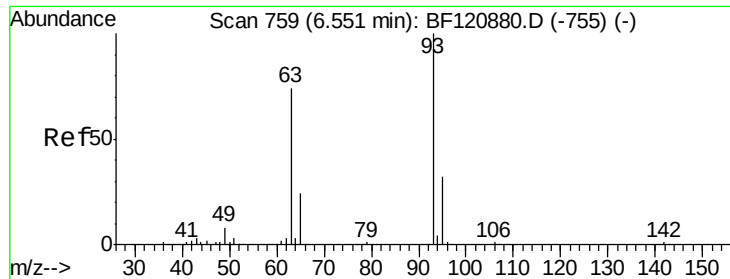
Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion:	94	Resp:	520980
Ion	Ratio	Lower	Upper
94	100		
65	31.8	12.6	52.6
66	44.3	25.6	65.6





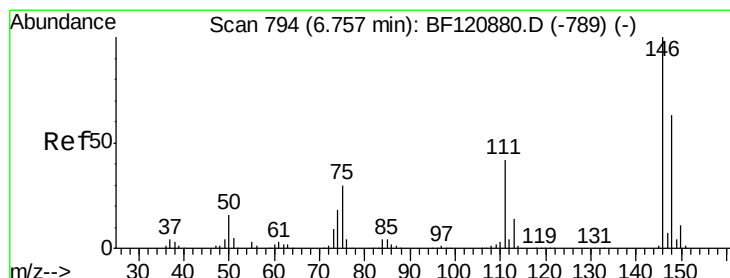
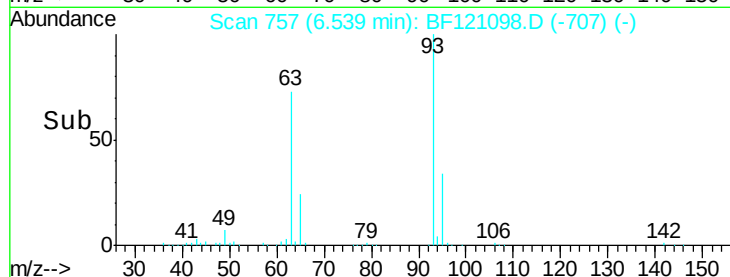
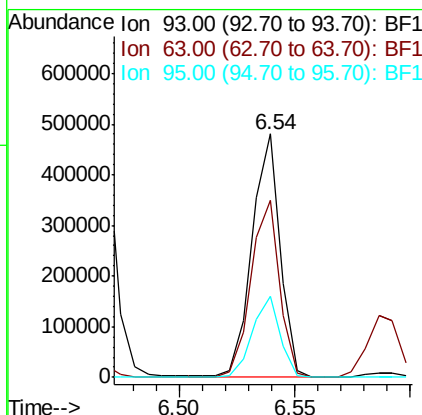
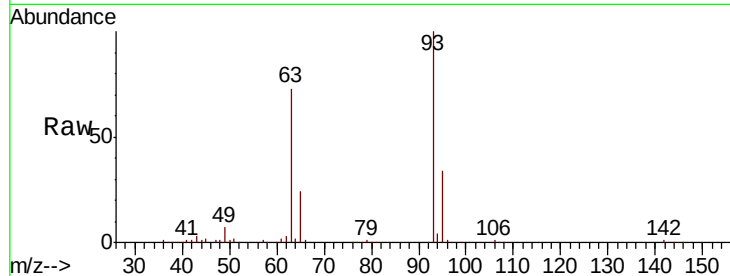
#11
bis(2-Chloroethyl)ether
Concen: 37.643 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	51.9	91.9
95	33.5	13.2	53.2

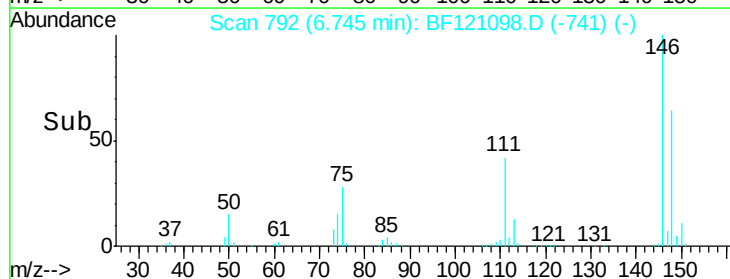
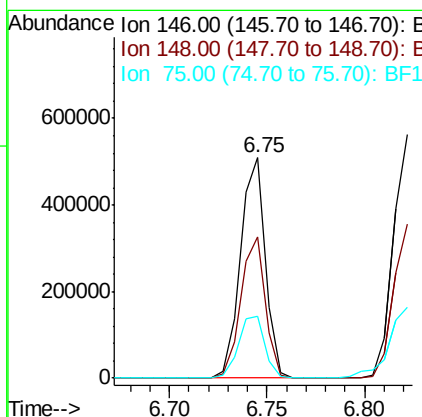
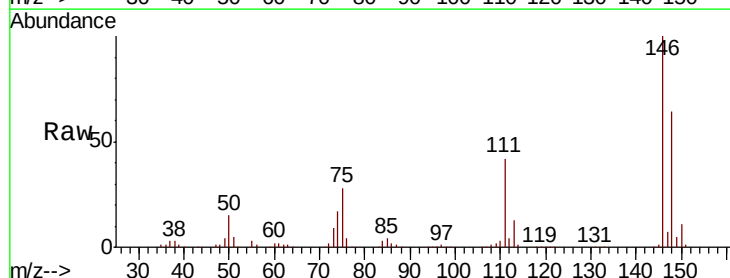
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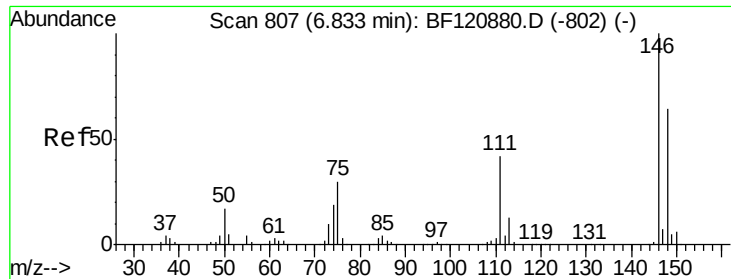
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.307 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
75	28.1	23.8	35.6





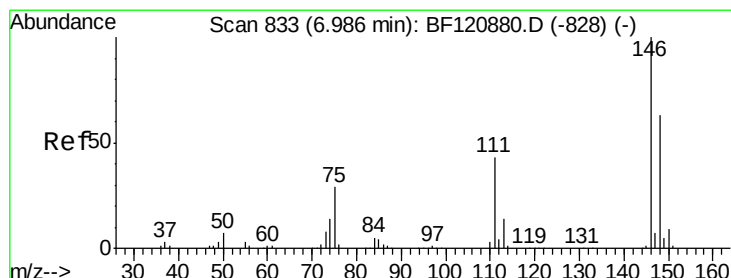
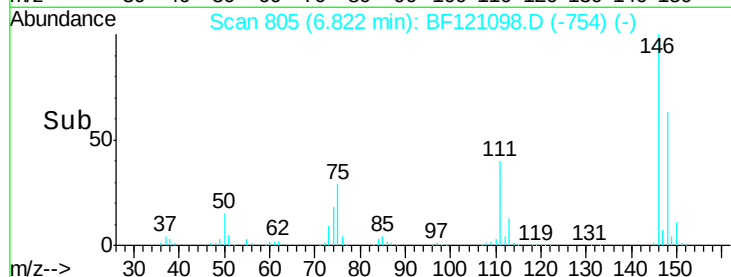
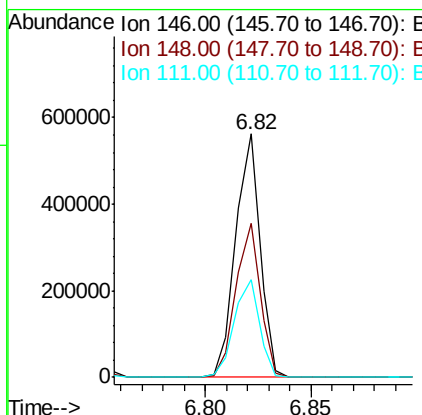
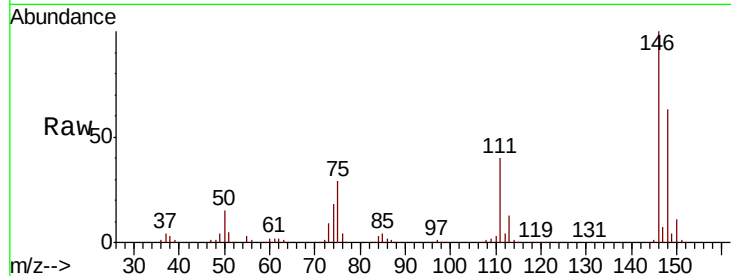
#13
 1,4-Dichlorobenzene
 Concen: 37.666 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	40.1	32.8	49.2

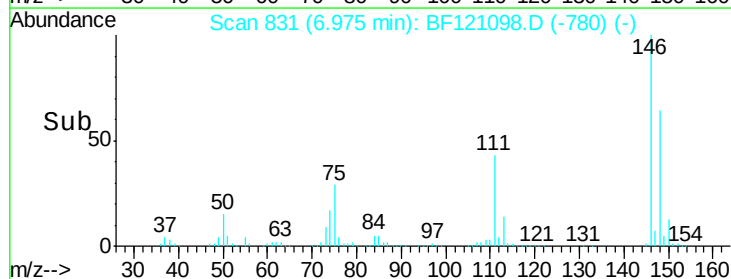
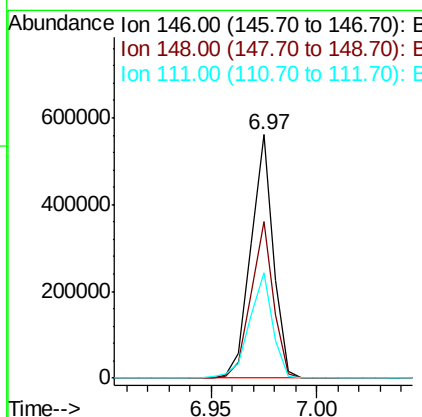
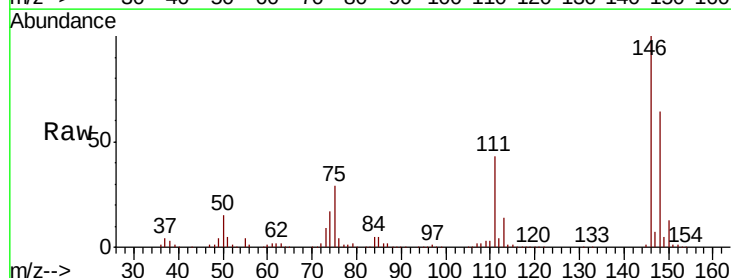
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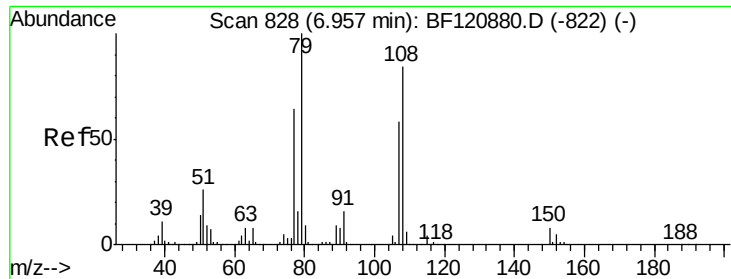
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.837 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	43.0	35.4	53.0





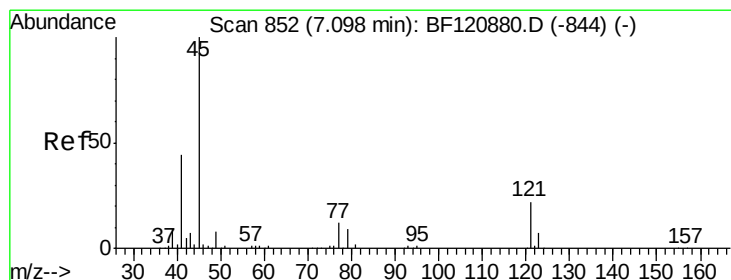
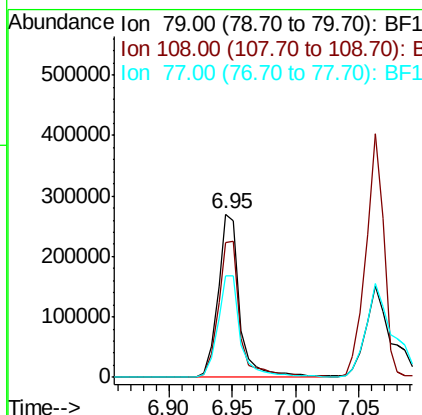
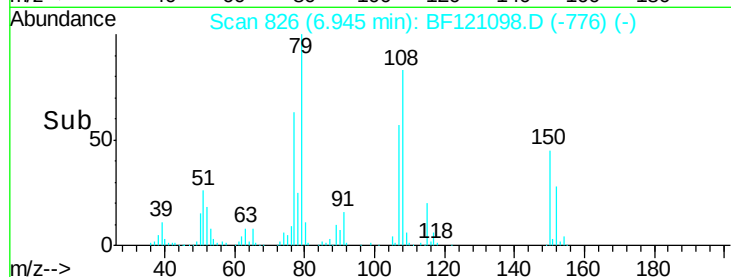
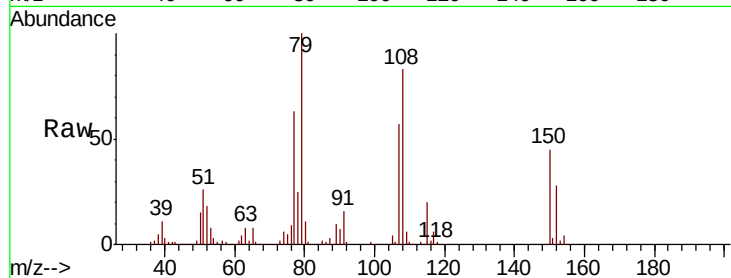
#15
Benzyl Alcohol
Concen: 35.161 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleID :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	68.6	103.0
77	62.7	51.4	77.2

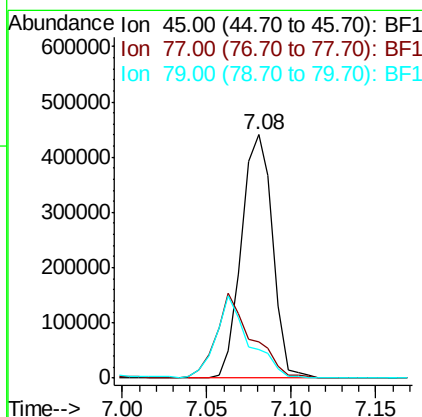
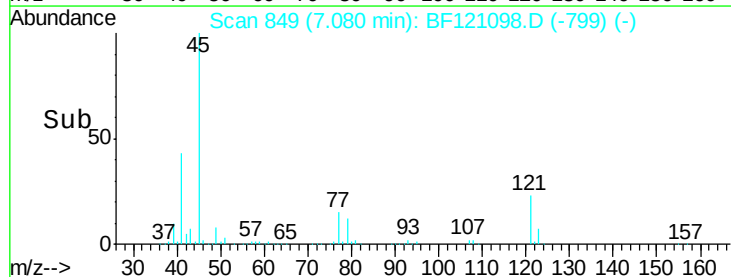
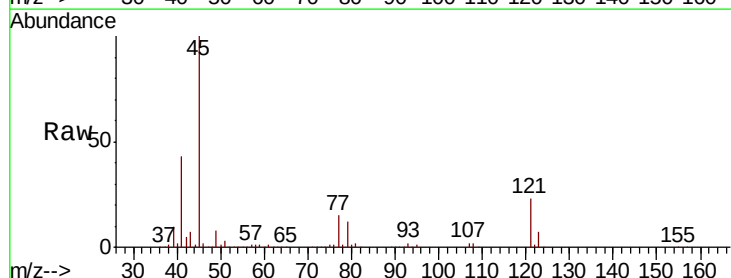
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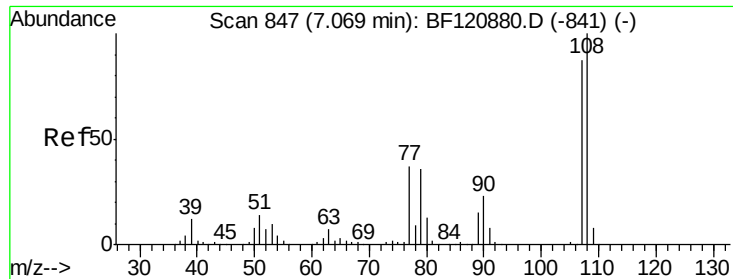
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.998 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.7
79	12.0	0.0	32.0





#17

2-Methylphenol

Concen: 35.250 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

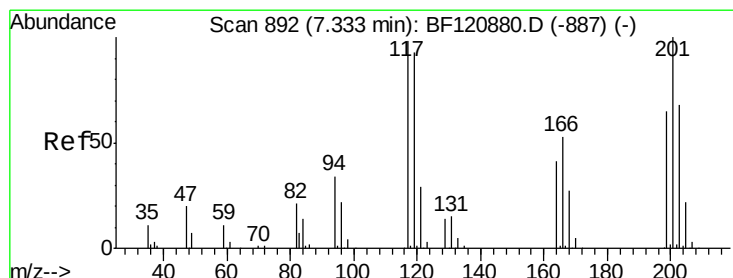
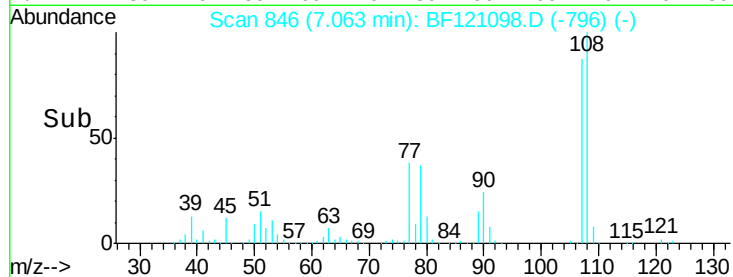
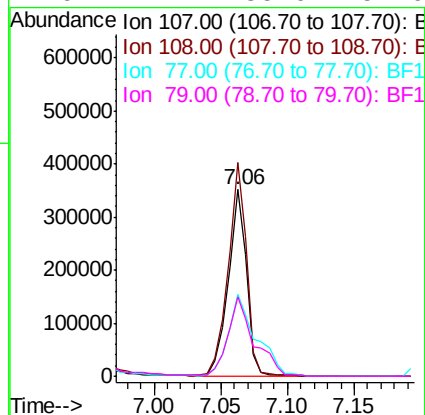
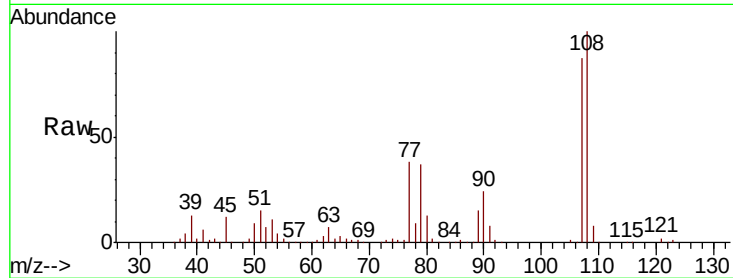
ClientSampleId :

PB130545BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.2	136.8
77	44.0	36.5	54.7
79	42.7	35.0	52.6

Manual Integrations
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#18

Hexachloroethane

Concen: 39.251 ng

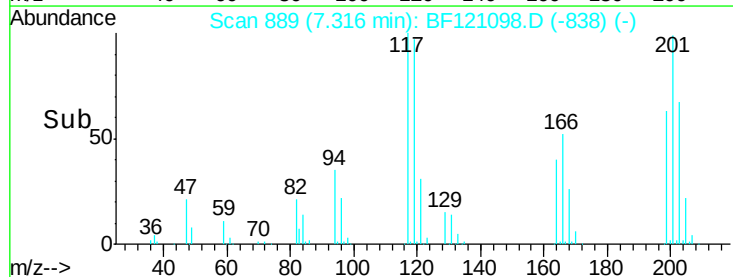
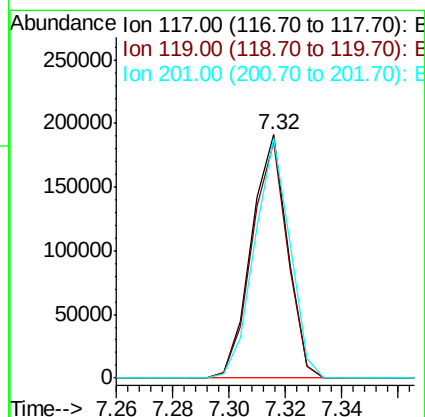
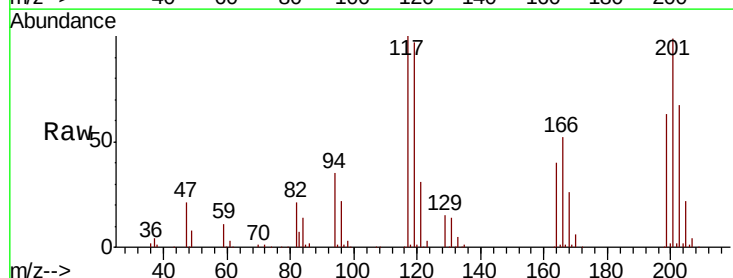
RT: 7.32 min Scan# 889

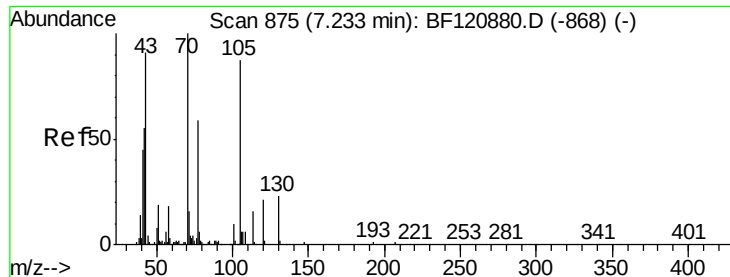
Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.6	114.8
201	98.6	75.0	112.4





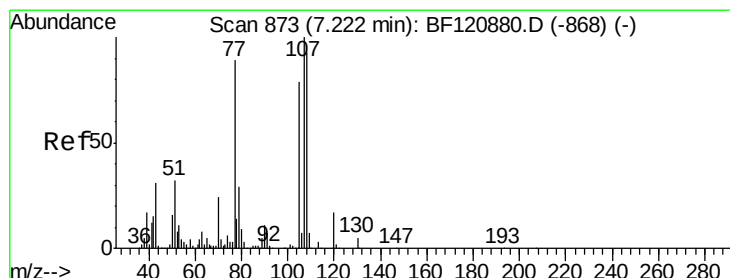
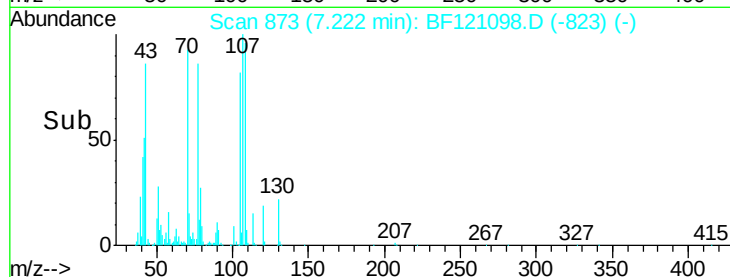
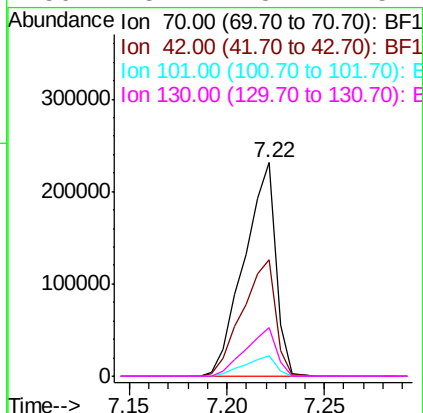
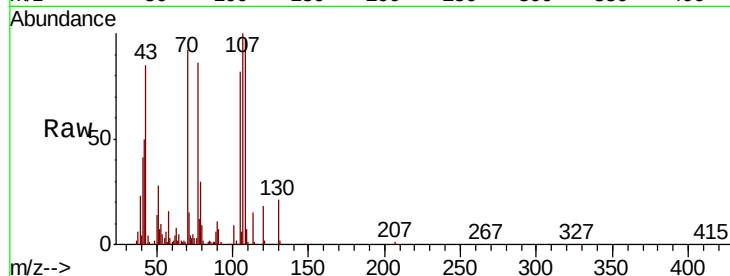
#19
n-Nitroso-di-n-propylamine
Concen: 35.369 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	43.3	64.9	
101	9.8	8.4	12.6	
130	23.1	18.7	28.1	

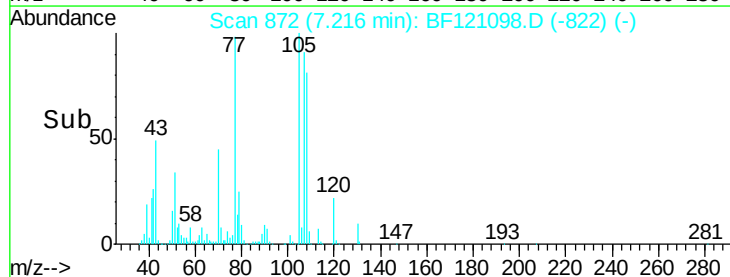
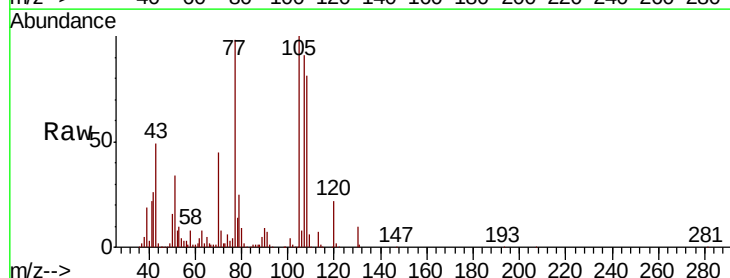
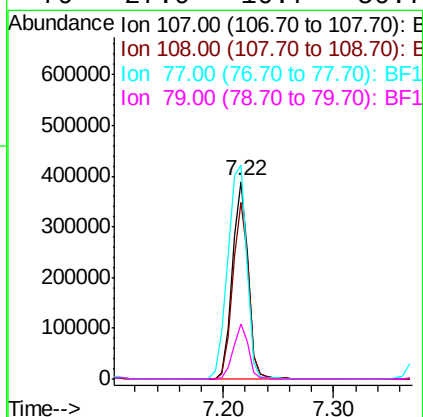
Manual Integrations
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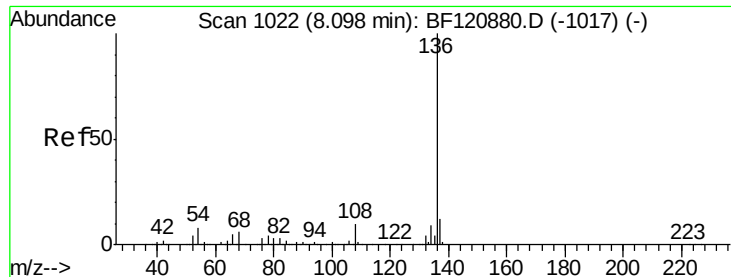
mohammad
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#20
3+4-Methylphenols
Concen: 31.416 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	73.7	113.7	
77	108.2	84.9	124.9	
79	27.9	10.7	50.7	





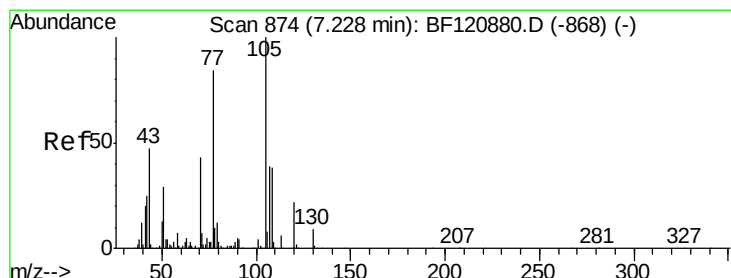
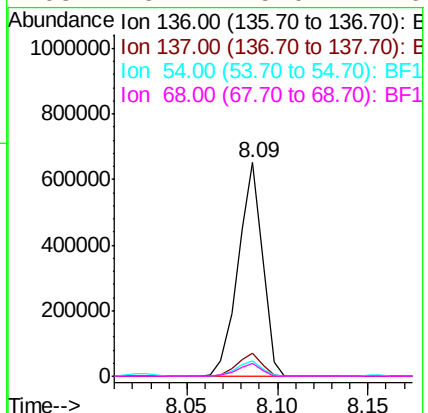
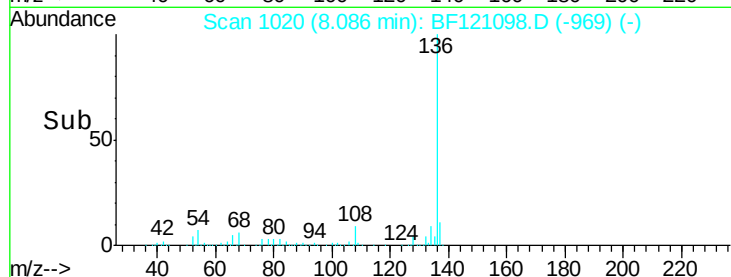
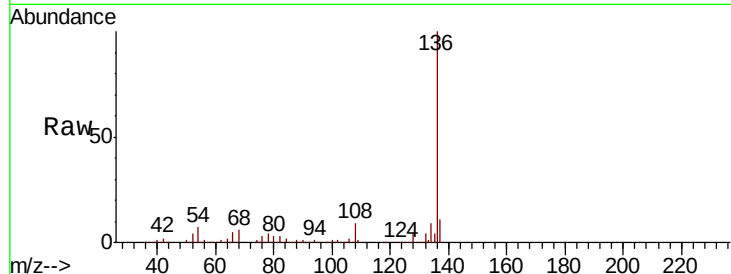
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	606457		
137	11.0	9.0	13.4	
54	7.3	6.1	9.1	
68	5.7	5.0	7.6	

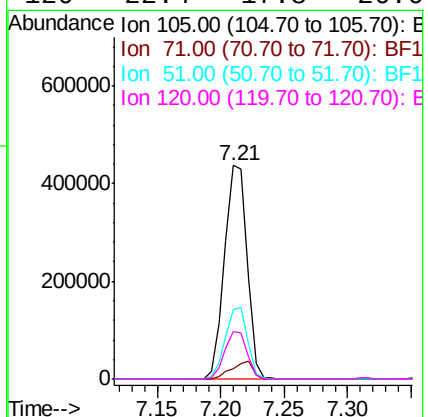
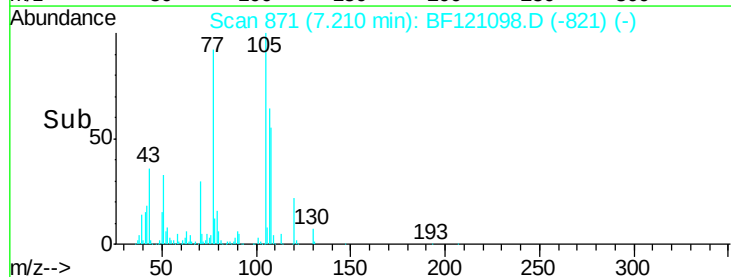
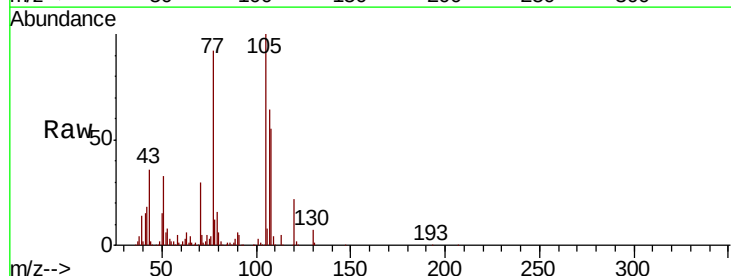
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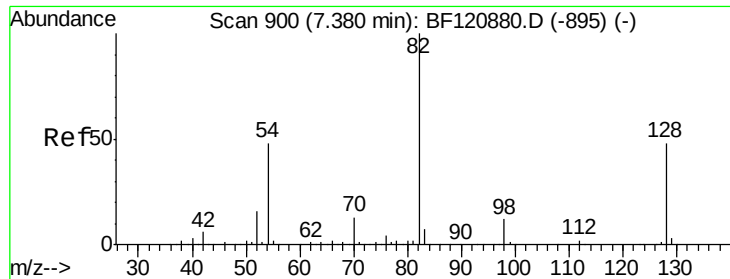
mohammad
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#22
Acetophenone
Concen: 39.549 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	538286		
71	5.1	3.8	5.8	
51	32.7	28.0	42.0	
120	22.4	17.8	26.6	





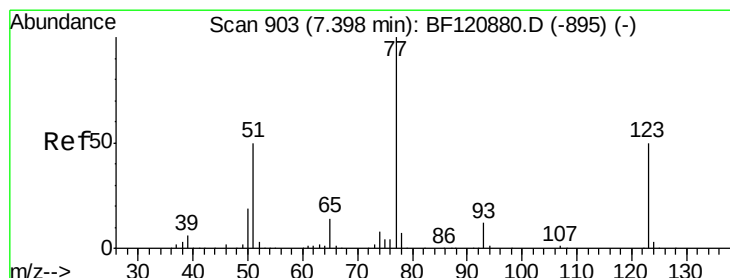
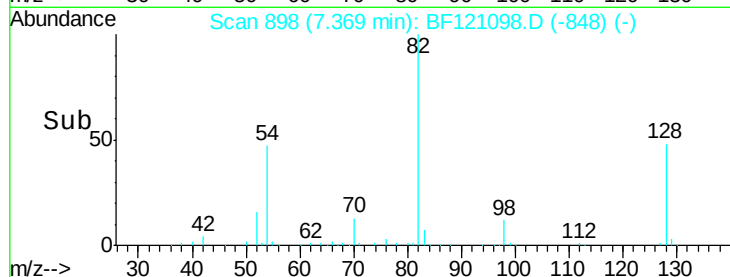
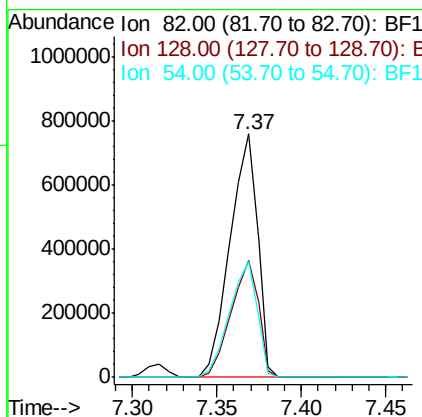
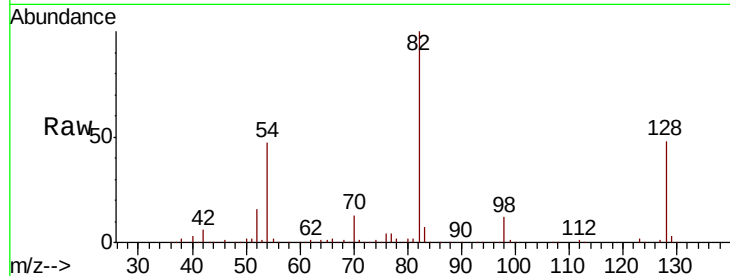
#23
Nitrobenzene-d5
Concen: 82.177 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.2	58.8
54	47.3	37.8	56.8

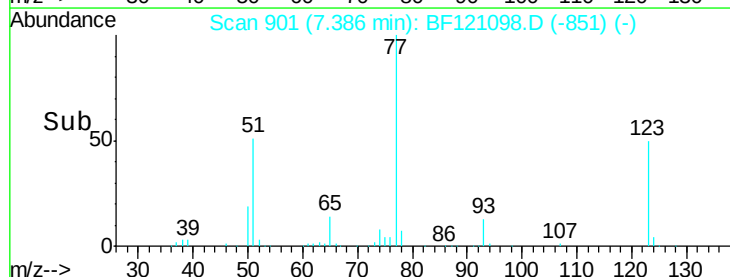
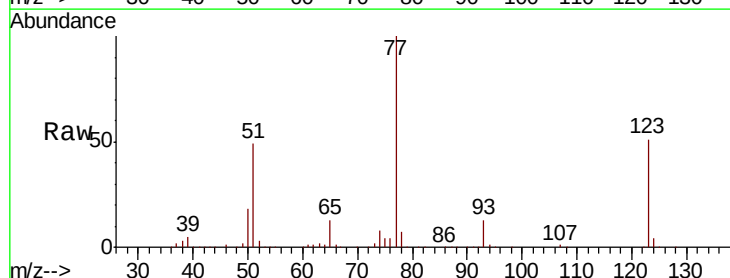
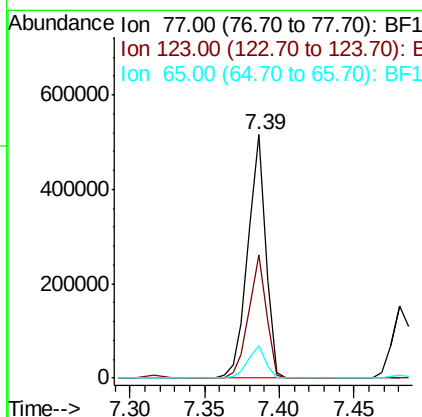
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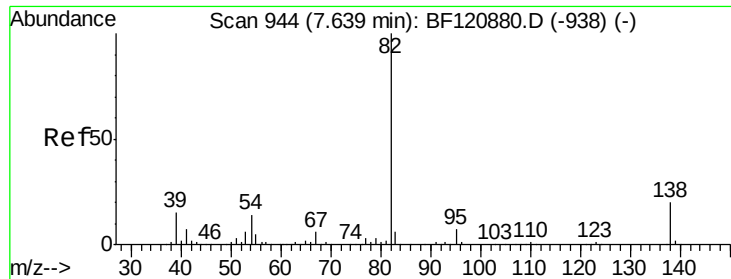
mohammad
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#24
Nitrobenzene
Concen: 37.861 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	41.0	61.6
65	13.2	10.3	15.5





#25

Isophorone

Concen: 37.790 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

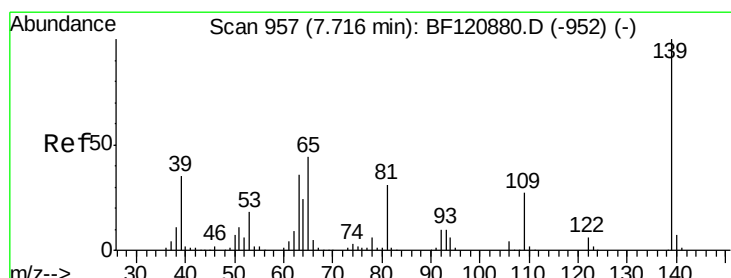
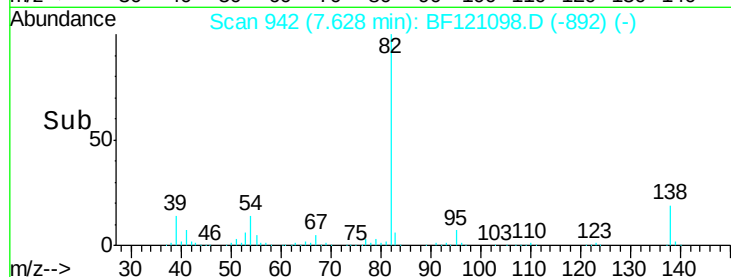
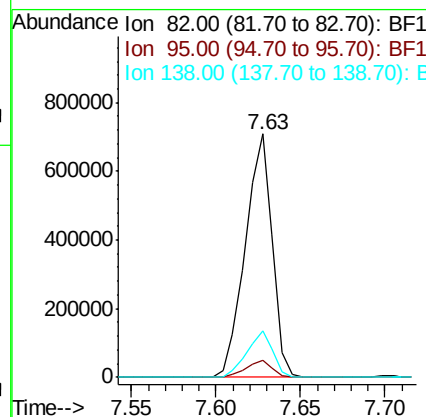
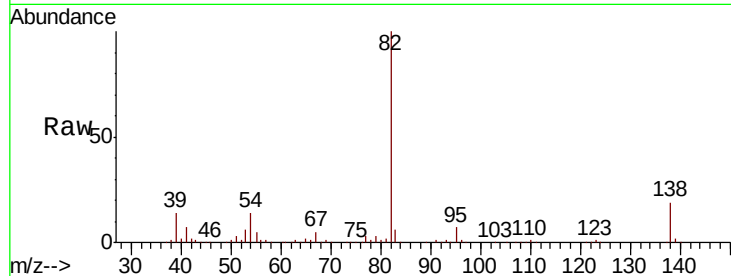
ClientSampleId :

PB130545BSD

Tot Ion:	82	Resp:	790468
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	18.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.631 ng

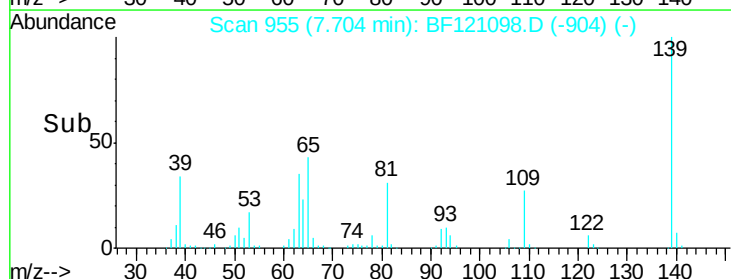
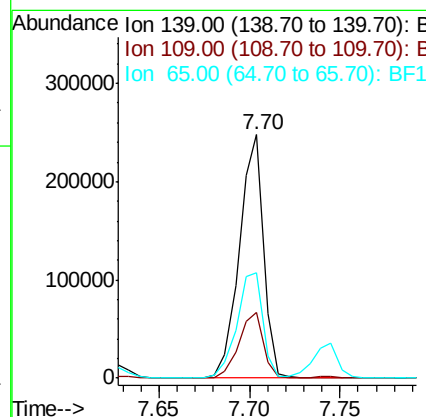
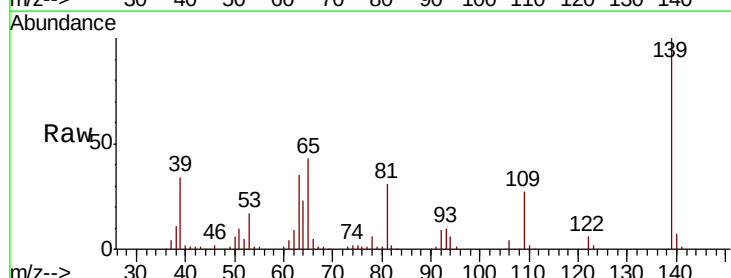
RT: 7.70 min Scan# 955

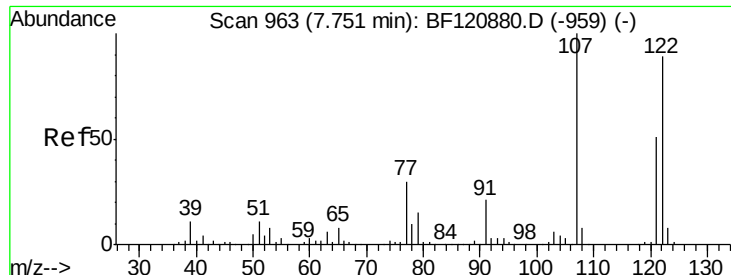
Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Tgt Ion:	139	Resp:	228716
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.7	32.5
65	43.3	36.3	54.5





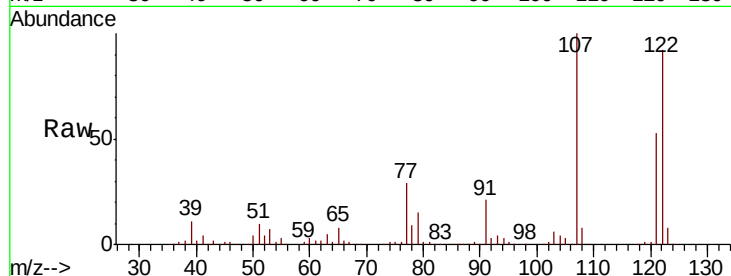
#27
2,4-Dimethylphenol
Concen: 42.492 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	87.1	130.7
121	57.6	45.5	68.3

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7/30/2020 3:33:22 PM

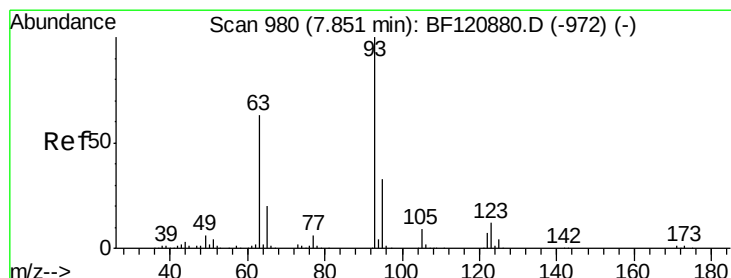
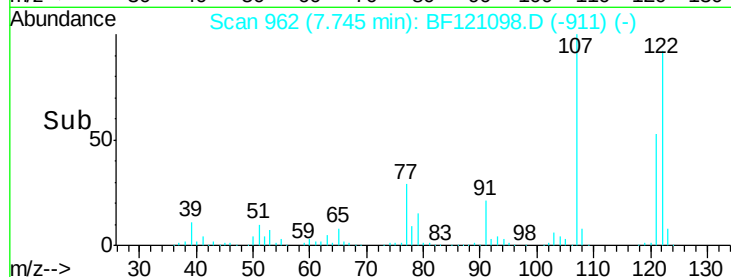
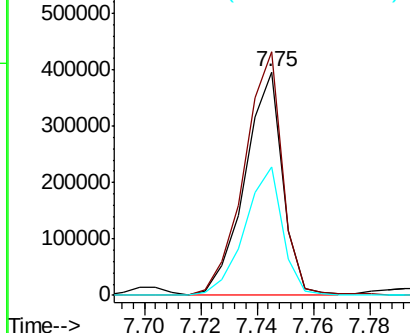


Abundance

Ion 122.00 (121.70 to 122.70): E

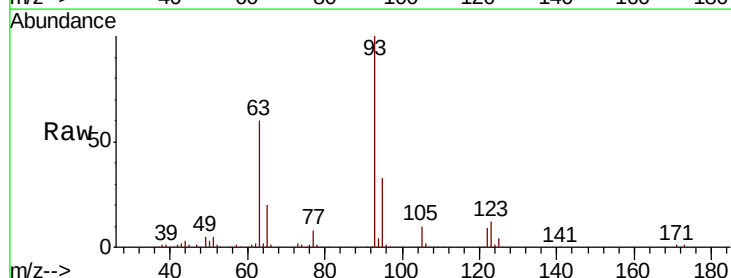
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.835 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.2	9.5	14.3

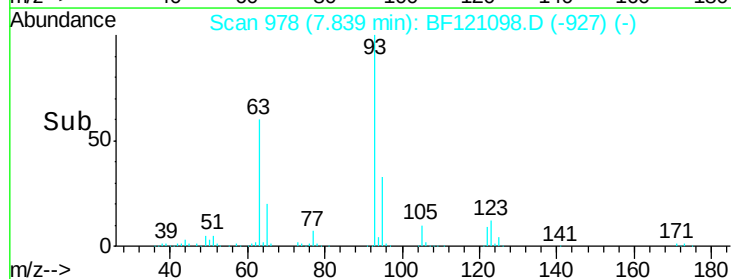
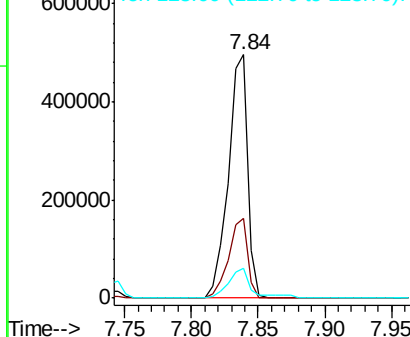


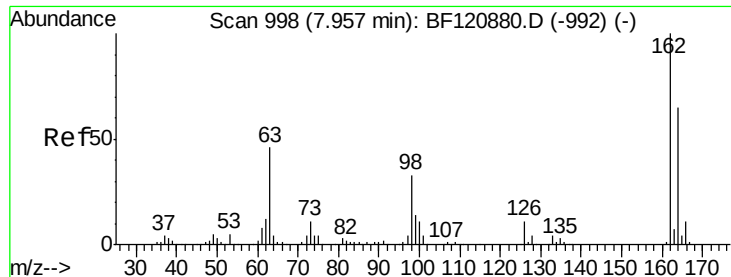
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





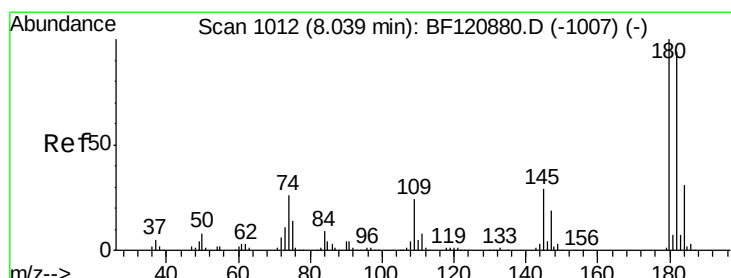
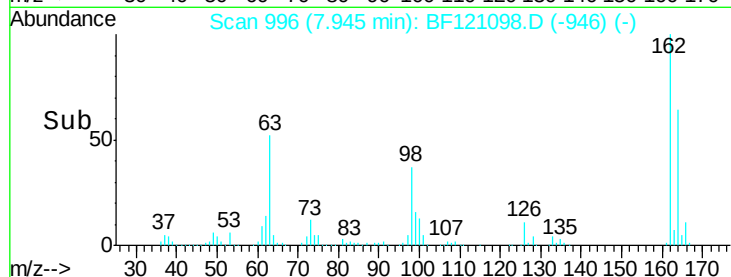
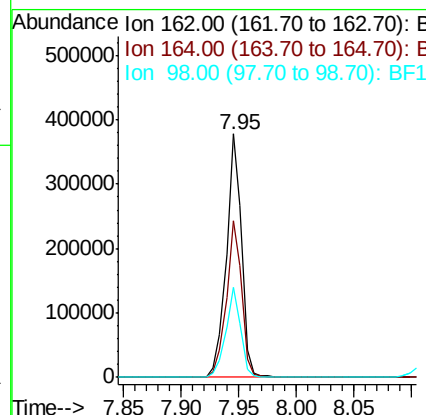
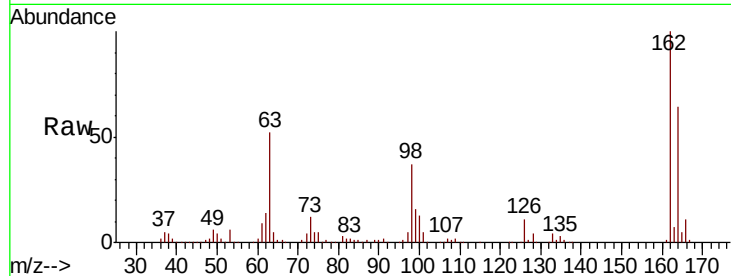
#29
2,4-Dichlorophenol
Concen: 38.947 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:	162	Resp:	346667
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.7	84.7
98	37.1	14.2	54.2

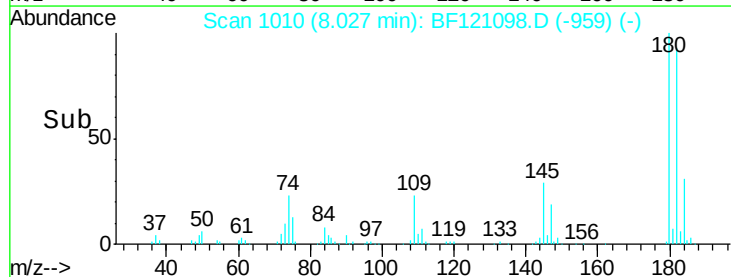
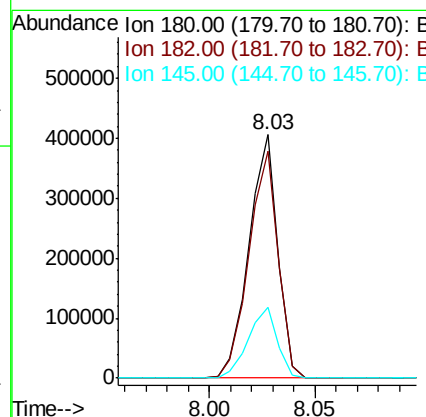
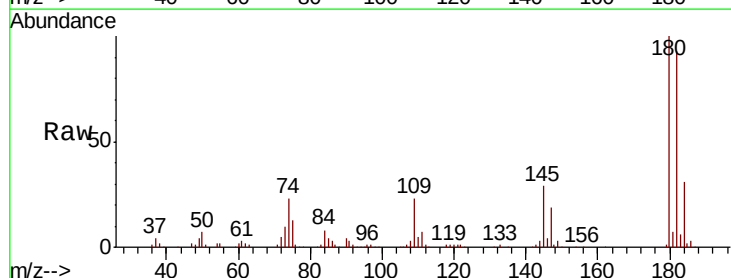
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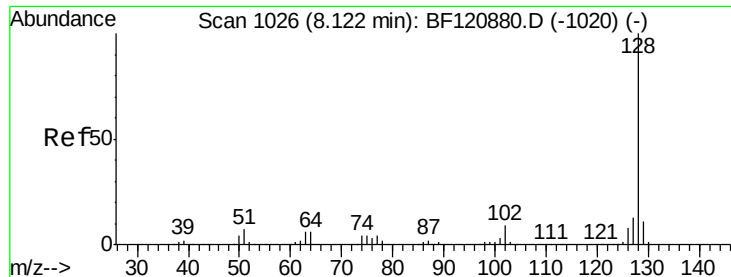
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7/30/2020 3:33:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.703 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:	180	Resp:	382207
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.4	114.6
145	29.3	24.2	36.4





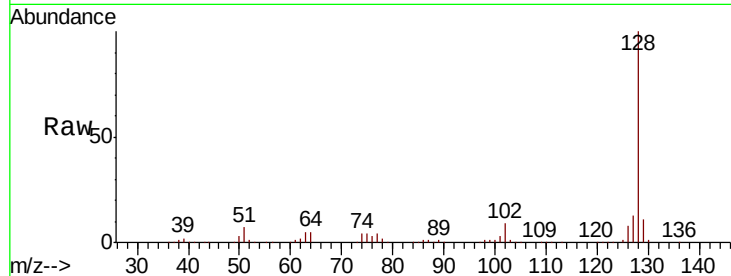
#31
Naphthalene
Concen: 38.391 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

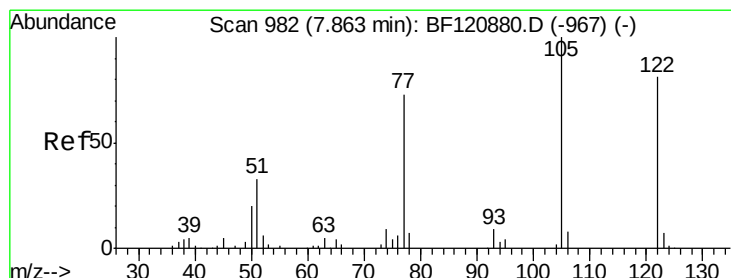
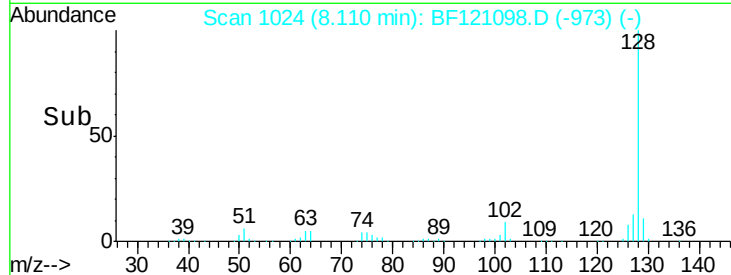
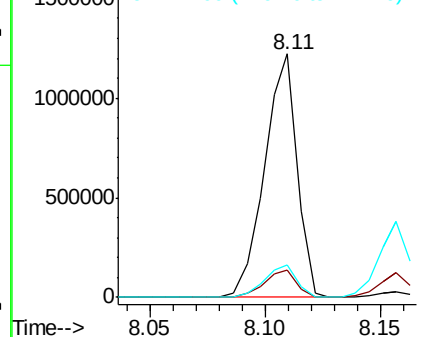
Tot Ion:128 Resp: 1194276
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.8 16.2

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7/30/2020 3:33:22 PM

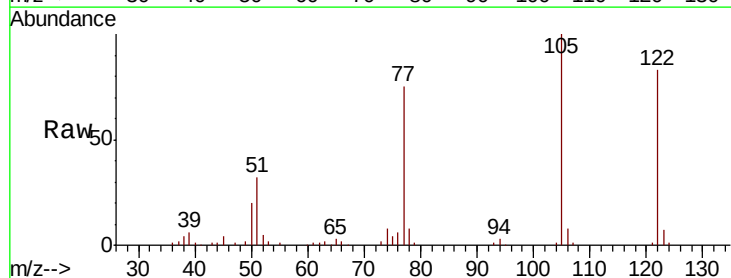


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

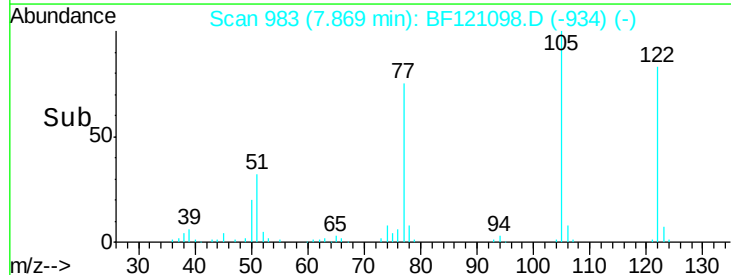
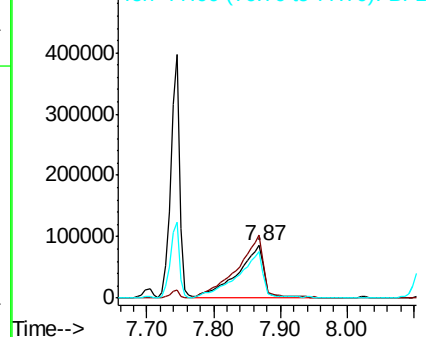


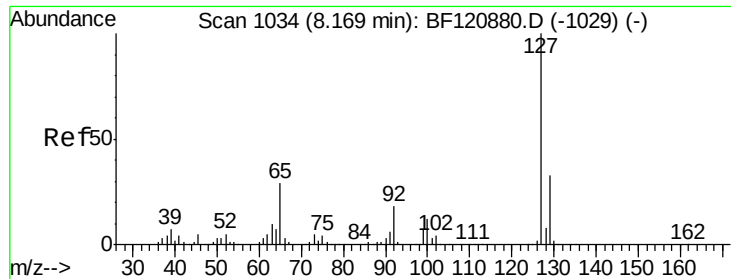
#32
Benzoic acid
Concen: 36.685 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:122 Resp: 239875
Ion Ratio Lower Upper
122 100
105 120.2 100.9 140.9
77 89.9 67.8 107.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





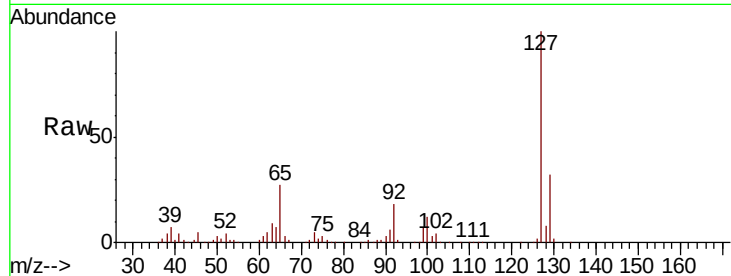
#33
4-Chloroaniline
Concen: 26.346 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

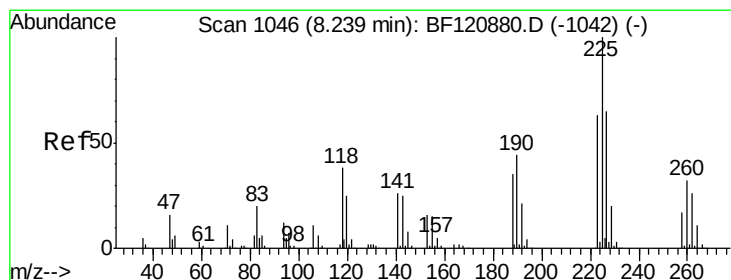
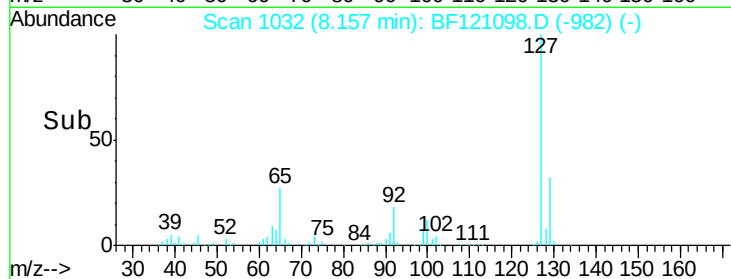
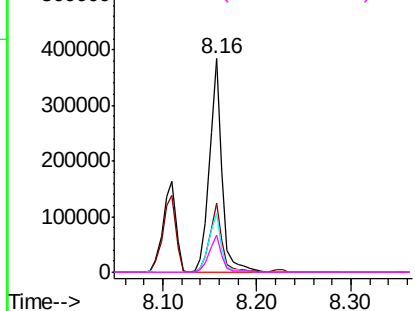
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.2		
65	27.5	21.4	32.0		
92	17.5	13.8	20.8		

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7/30/2020 3:33:22 PM

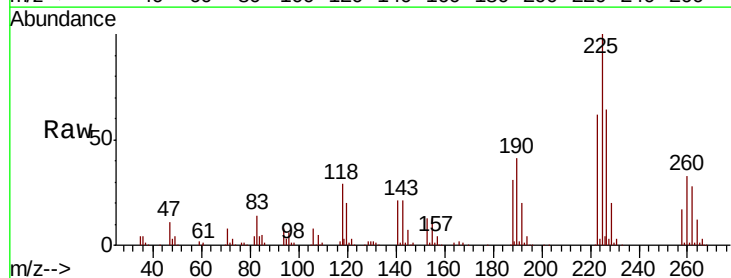


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

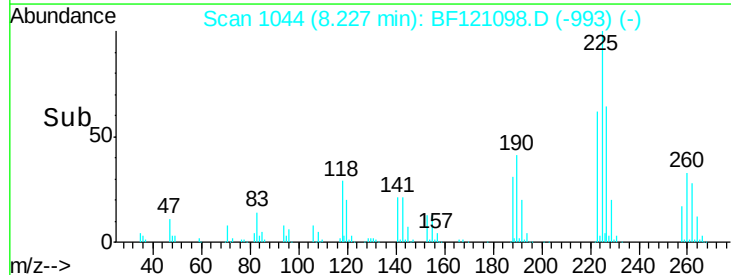
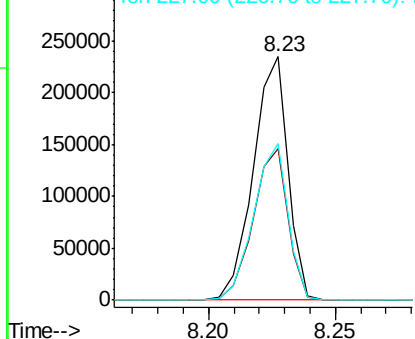


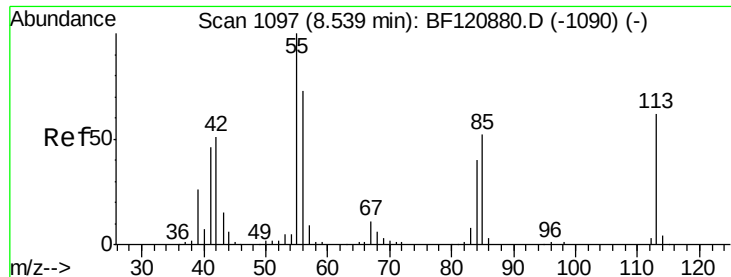
#34
Hexachlorobutadiene
Concen: 38.413 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	49.7	74.5		
227	64.3	51.4	77.0		



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





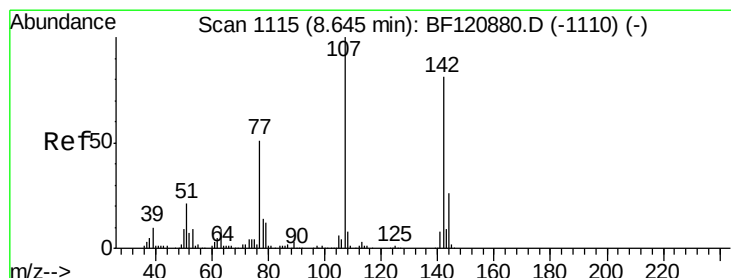
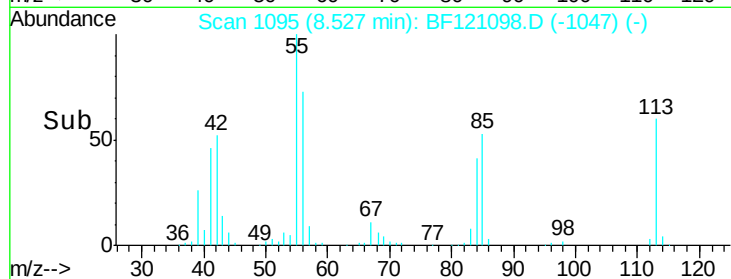
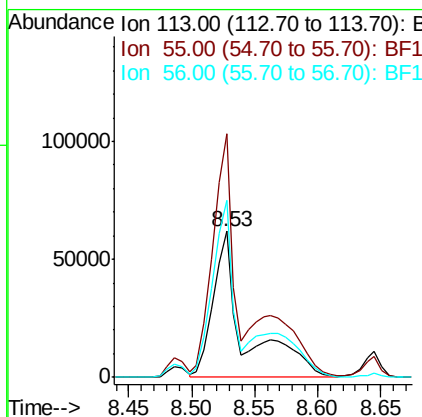
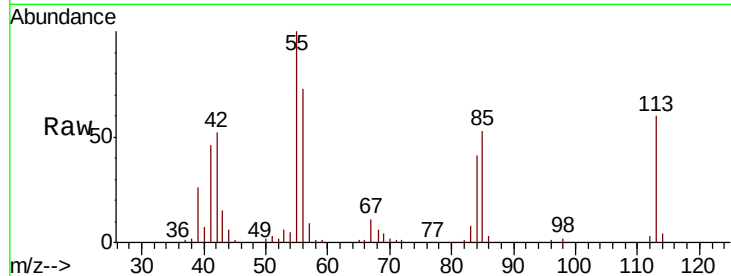
#35
Caprolactam
Concen: 37.861 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.6	131.0	171.0
56	121.0	90.4	130.4

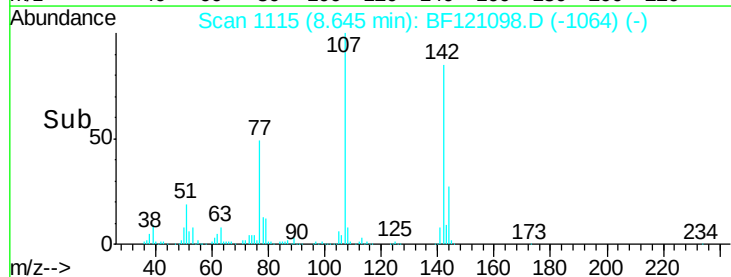
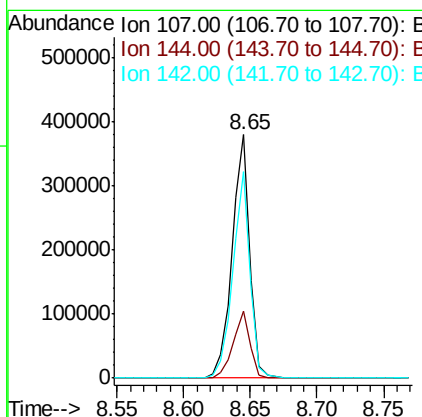
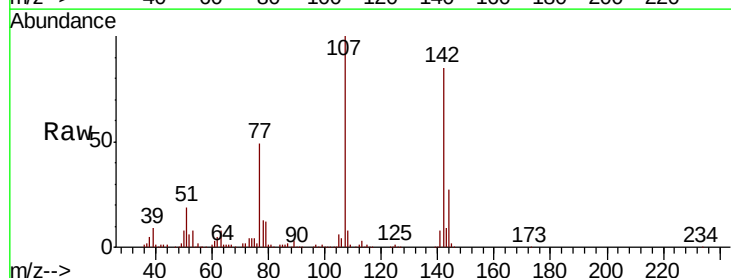
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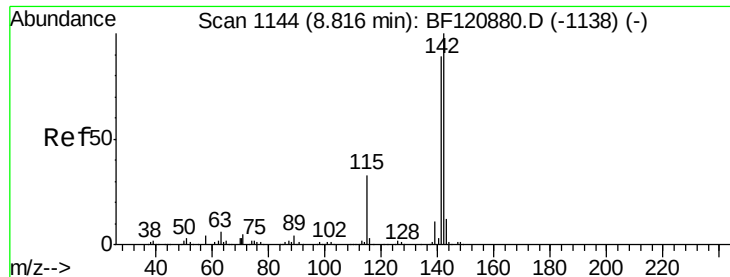
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7/30/2020 3:33:22 PM



#36
4-Chloro-3-methylphenol
Concen: 38.833 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.9	31.3
142	84.8	64.5	96.7





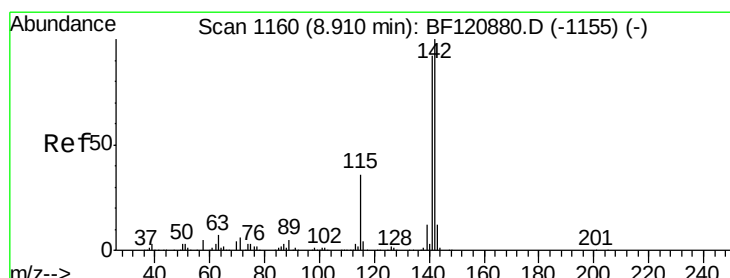
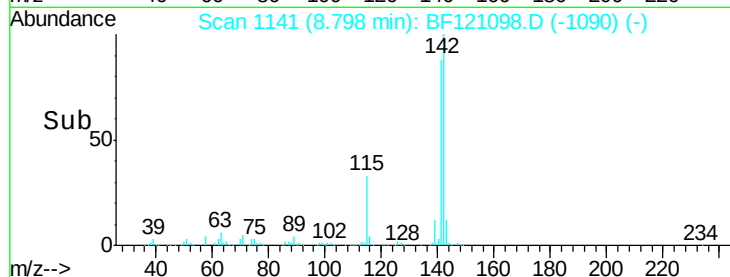
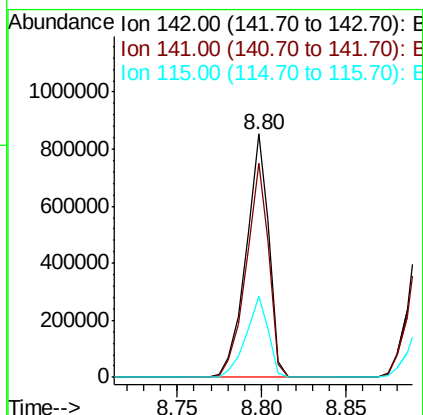
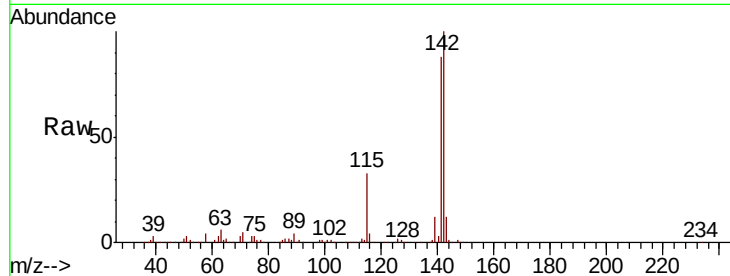
#37
2-Methylnaphthalene
Concen: 39.698 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	33.4	27.1	40.7

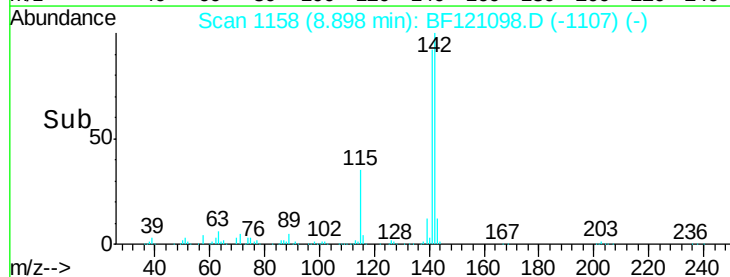
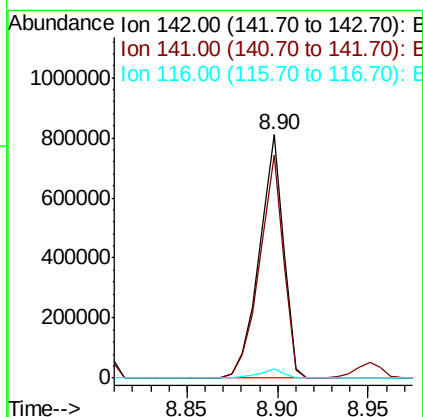
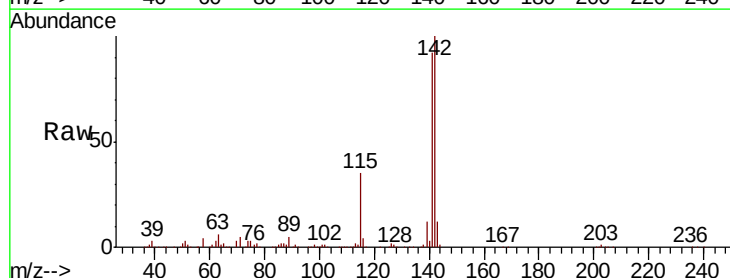
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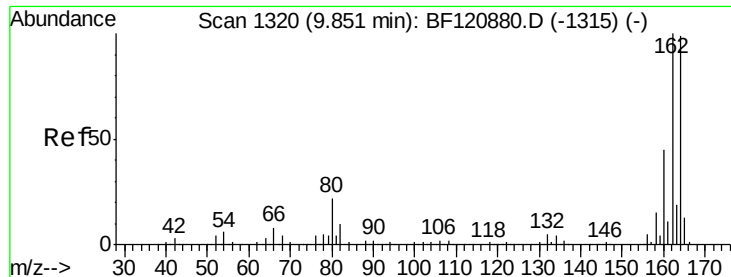
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7/30/2020 3:33:22 PM



#38
1-Methylnaphthalene
Concen: 39.316 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

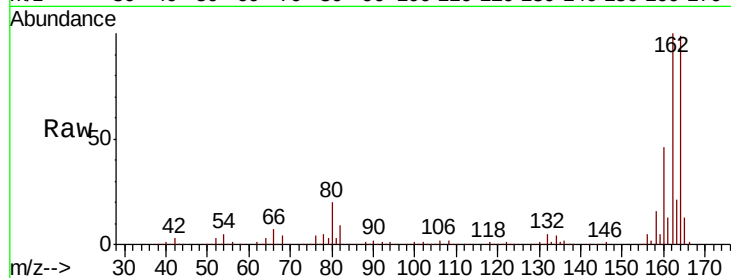
ClientSampleId :

PB130545BSD

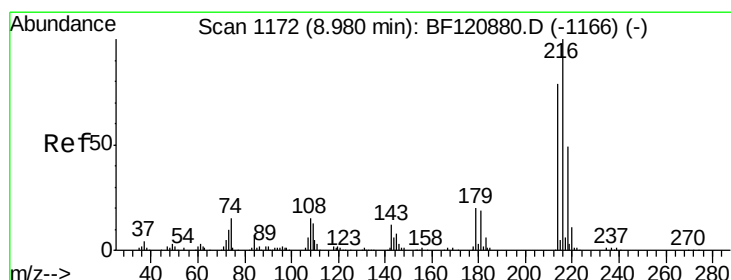
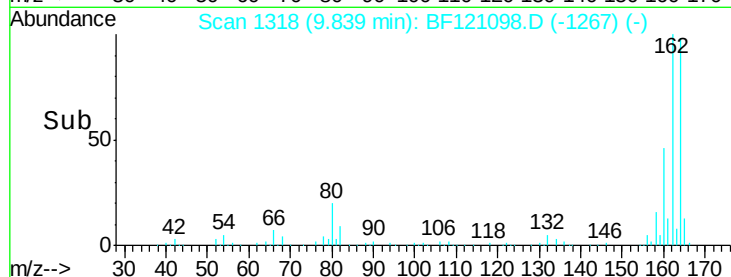
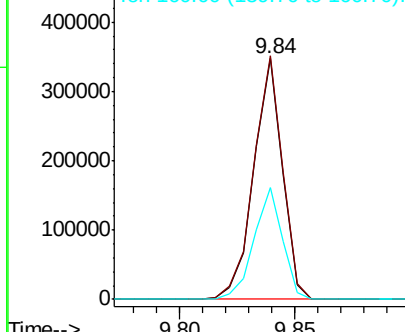
Tot Ion:	164	Resp:	302081
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.2	123.2
160	46.5	37.2	55.8

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7/30/2020 3:33:22 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.984 ng

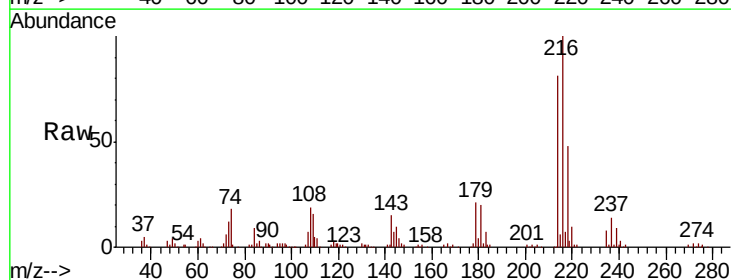
RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

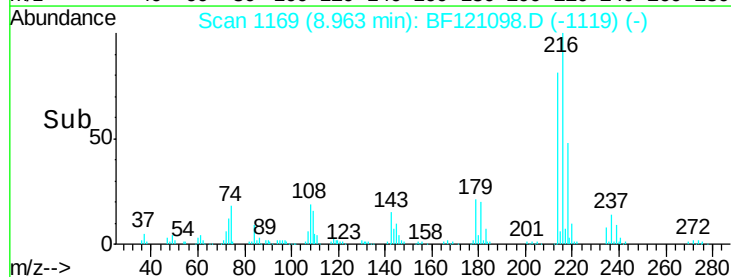
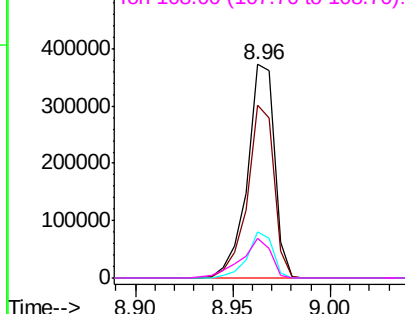
Lab File: BF121098.D

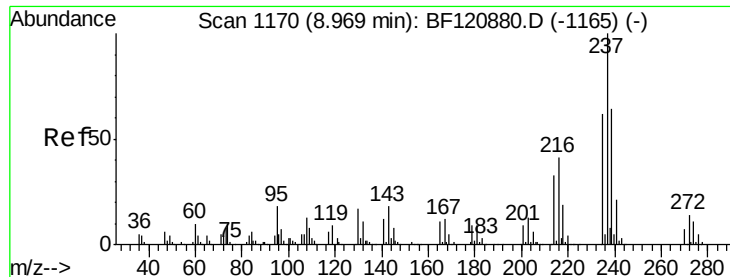
Acq: 29 Jul 2020 13:07

Tgt Ion:	216	Resp:	360712
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.9	95.9
179	20.3	16.6	24.8
108	20.5	15.0	22.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





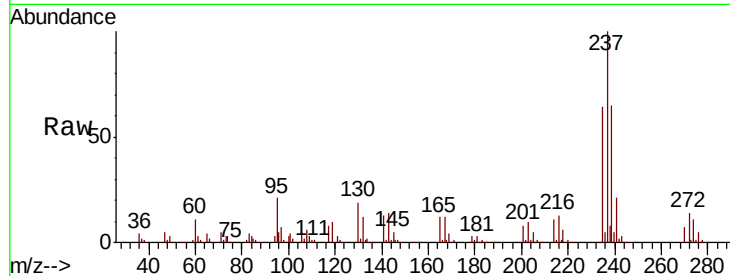
#41
Hexachlorocyclopentadiene
Concen: 86.430 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

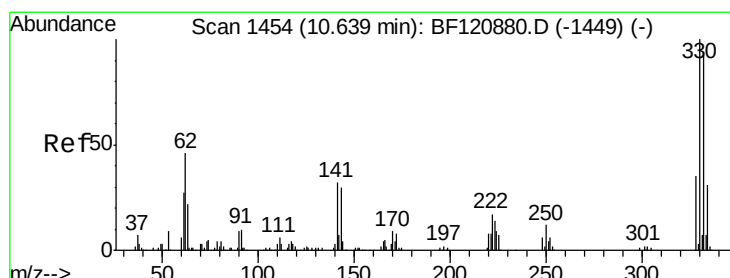
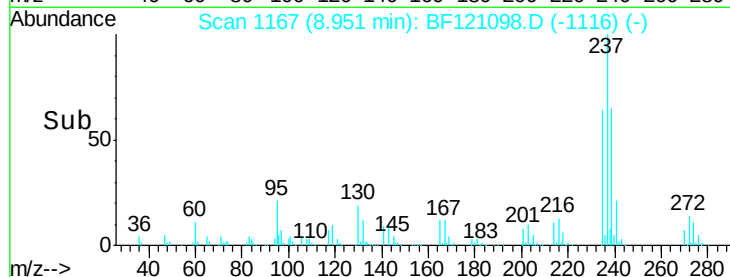
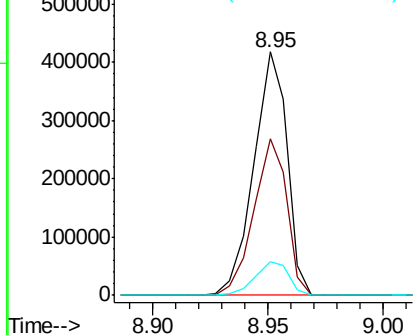
Tot Ion	Ratio	Resp	Lower	Upper
237	100	420423		
235	64.1		43.2	83.2
272	13.9		0.0	33.6

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7/30/2020 3:33:22 PM

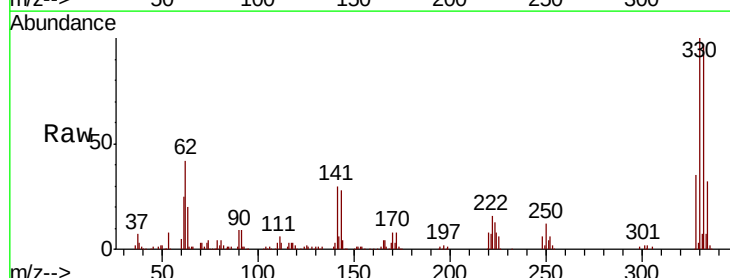


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

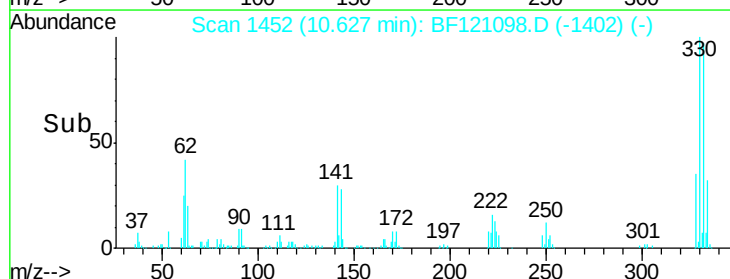
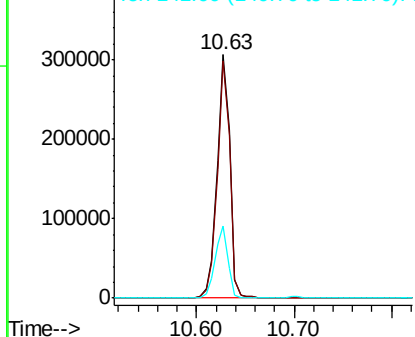


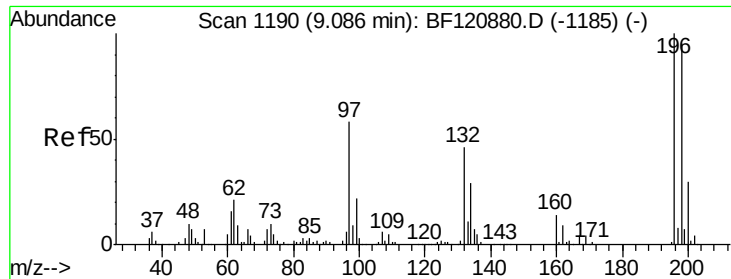
#42
2,4,6-Tribromophenol
Concen: 84.359 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	278940		
332	96.0		76.1	114.1
141	29.9		24.1	36.1



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





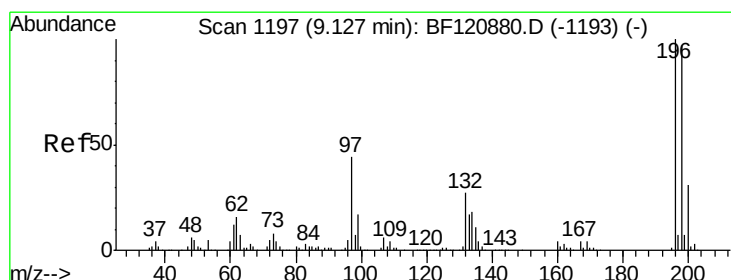
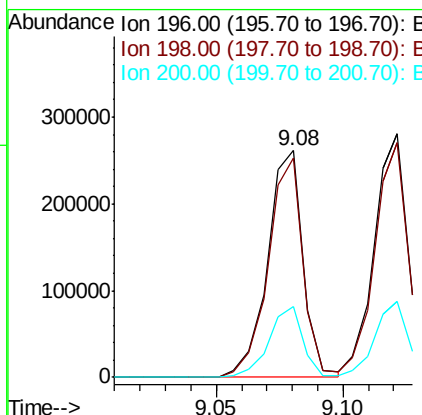
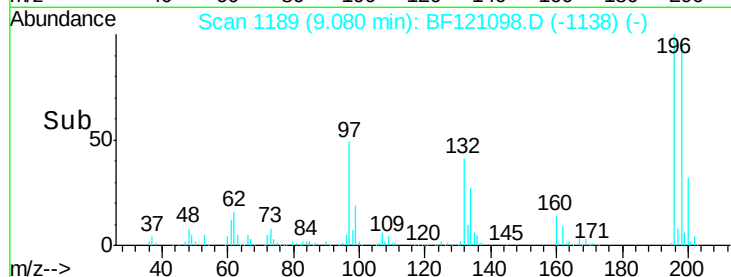
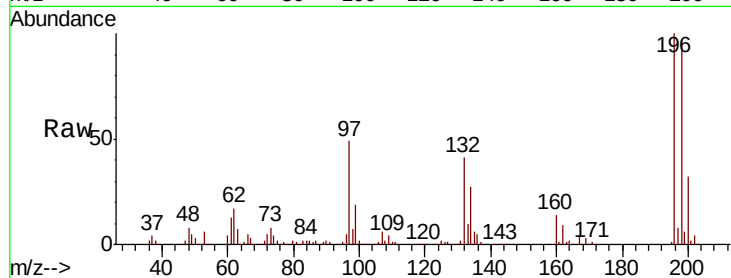
#43
 2,4,6-Trichlorophenol
 Concen: 41.290 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255875		
198	97.0	77.5	116.3	
200	31.5	24.6	37.0	

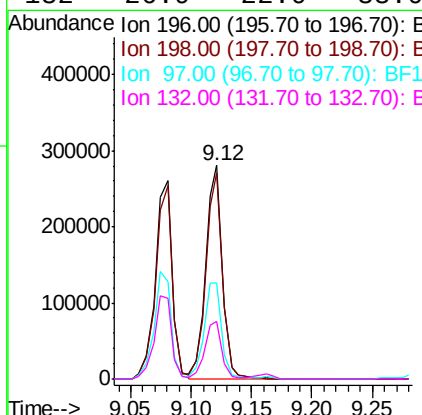
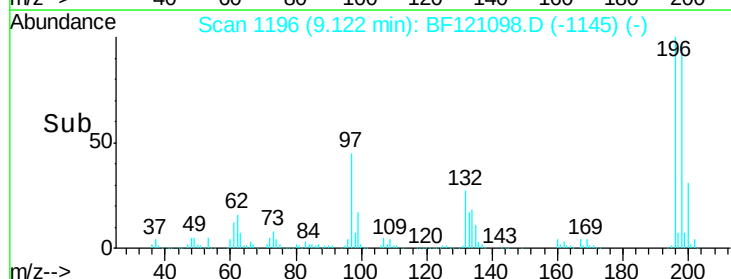
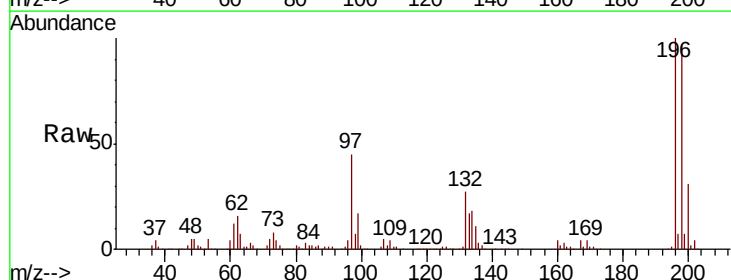
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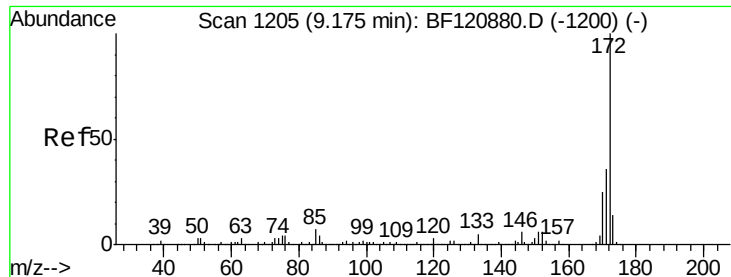
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.067 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267589		
198	96.6	76.2	114.4	
97	44.7	37.3	55.9	
132	26.9	22.0	33.0	





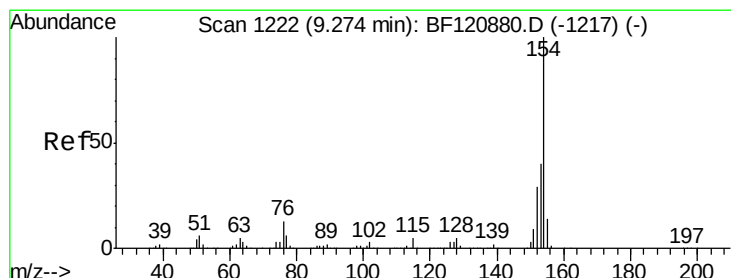
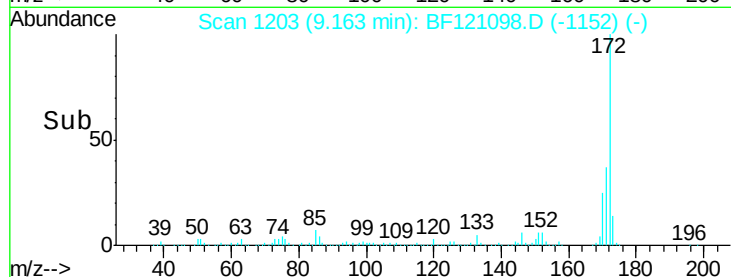
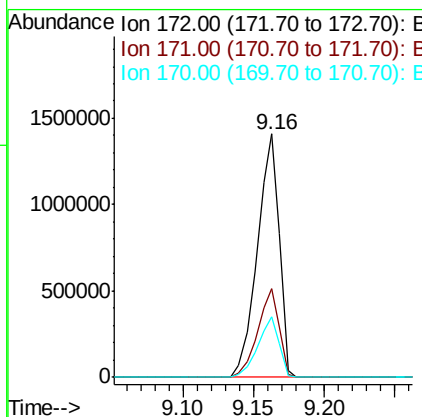
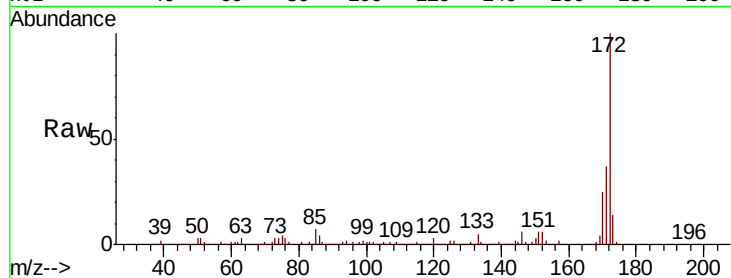
#45
2-Fluorobiphenyl
Concen: 75.943 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.6	19.6	29.4

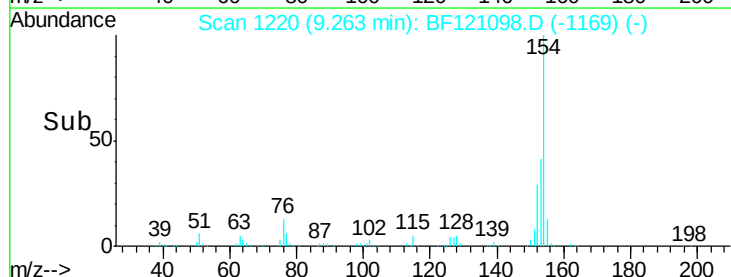
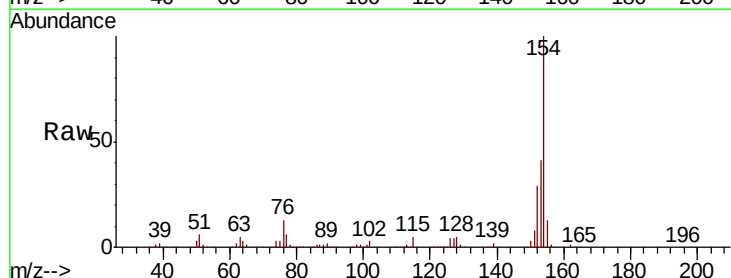
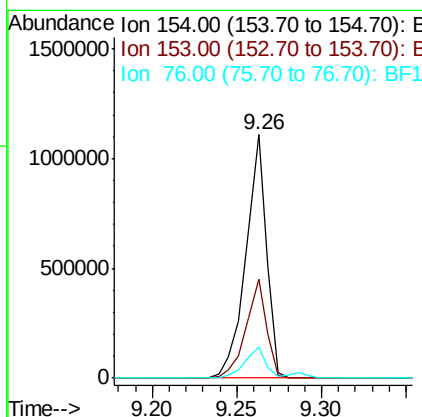
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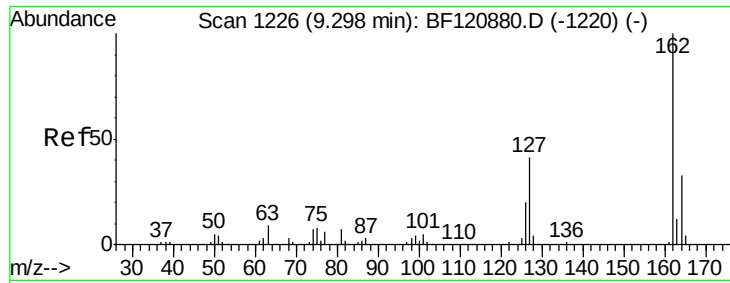
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#46
1,1'-Biphenyl
Concen: 41.441 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	12.6	0.0	33.4





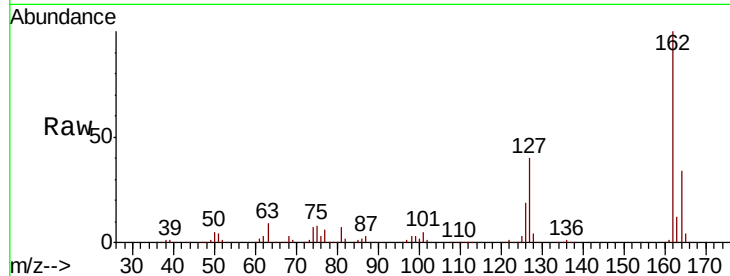
#47
 2-Chloronaphthalene
 Concen: 39.159 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

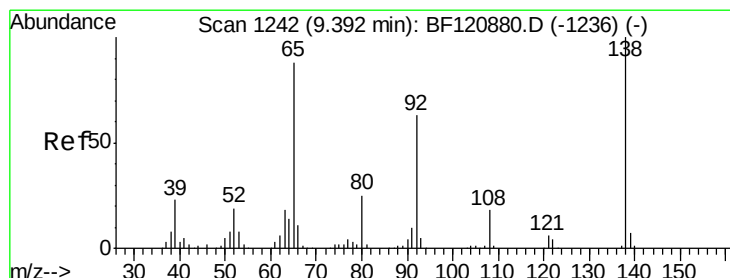
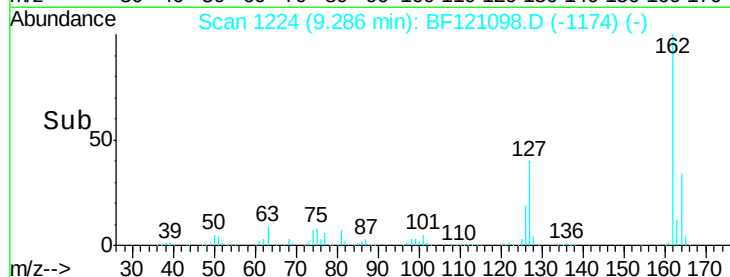
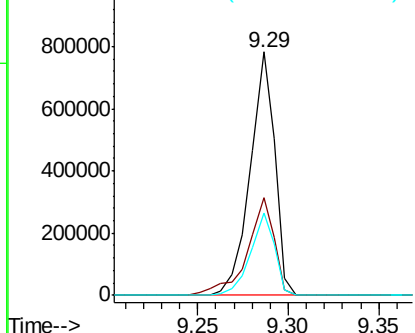
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.1	31.1	46.7
164	33.6	26.6	40.0

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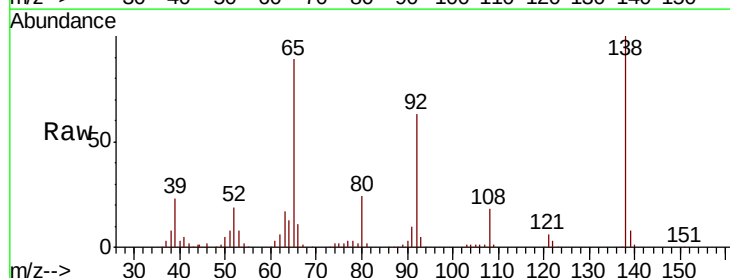


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

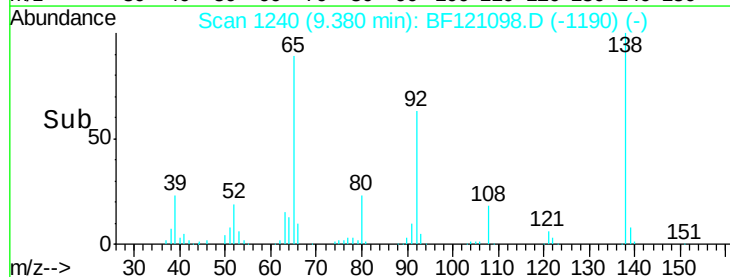
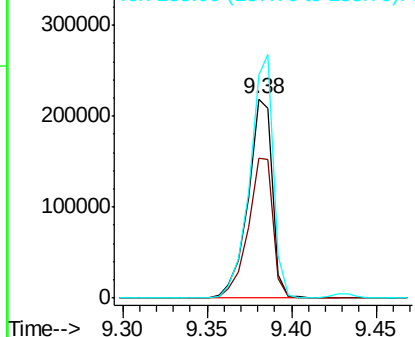


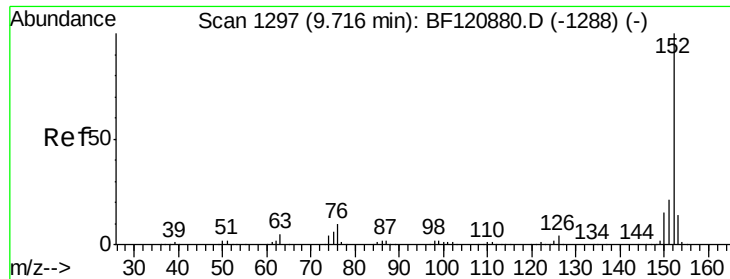
#48
 2-Nitroaniline
 Concen: 39.015 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.5	58.0	87.0
138	112.1	93.3	139.9



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





#49

Acenaphthylene

Concen: 40.185 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion:152 Resp: 1172820

Ion Ratio Lower Upper

152 100

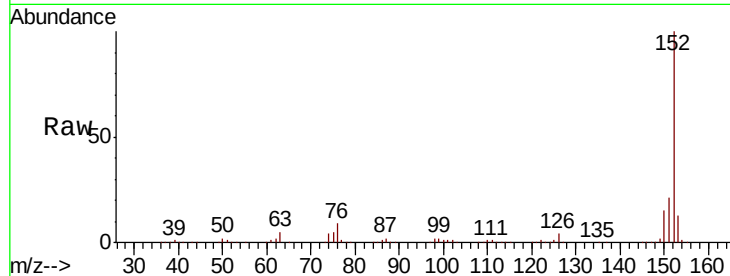
151 20.6 16.6 25.0

153 13.3 11.0 16.4

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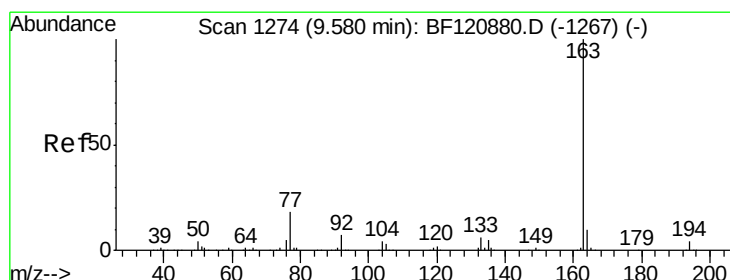
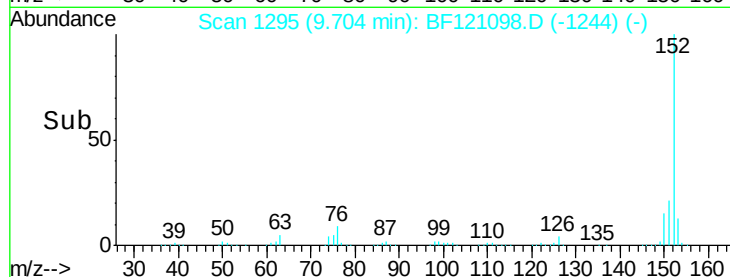
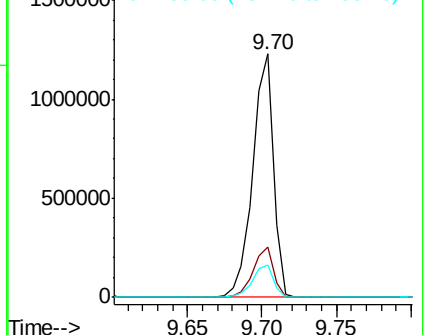
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.015 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

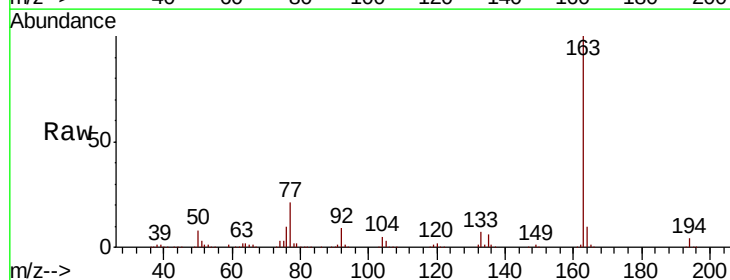
Tgt Ion:163 Resp: 850271

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

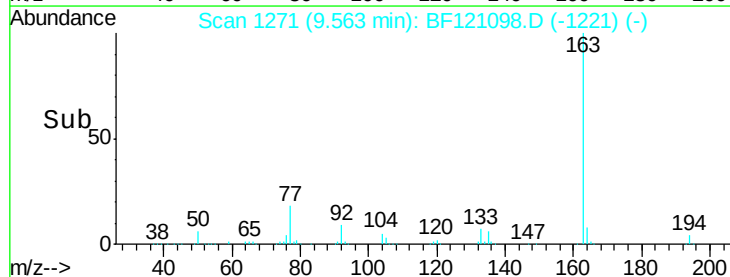
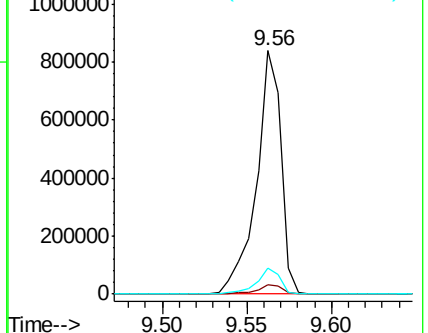
164 10.5 8.4 12.6

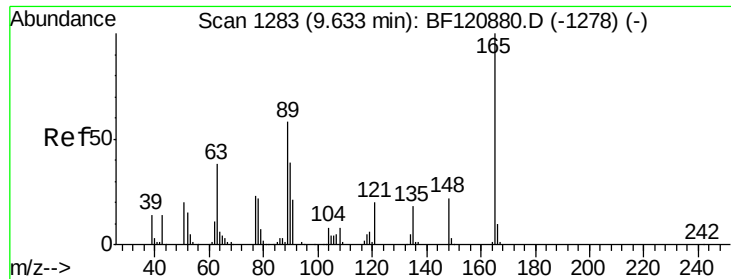


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.888 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion:165 Resp: 191439

Ion Ratio Lower Upper

165 100

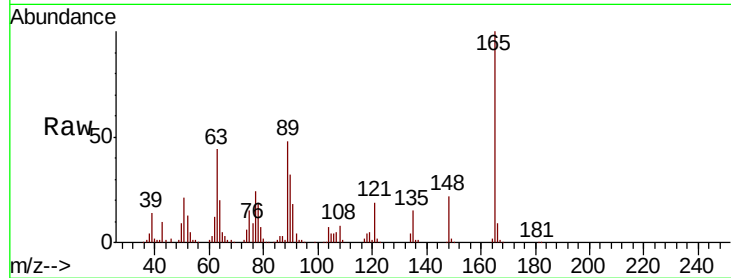
63 44.0 41.1 61.7

89 48.3 43.5 65.3

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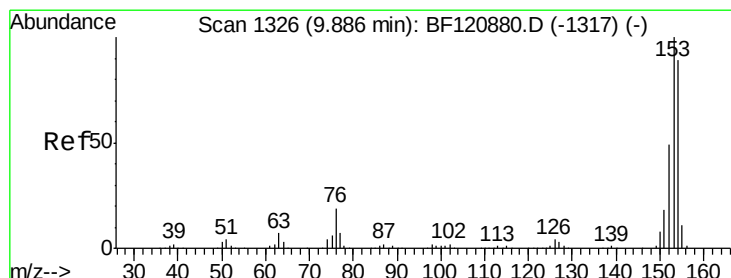
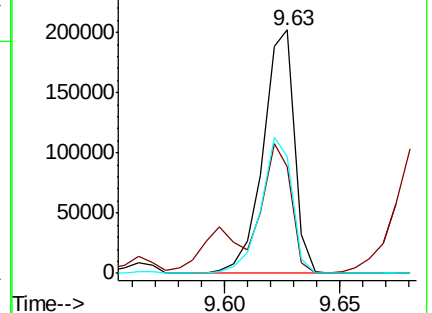
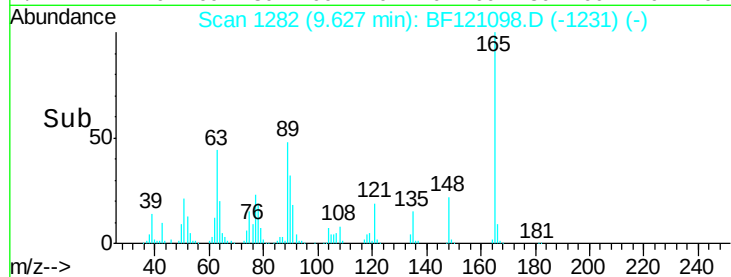
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.241 ng m

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

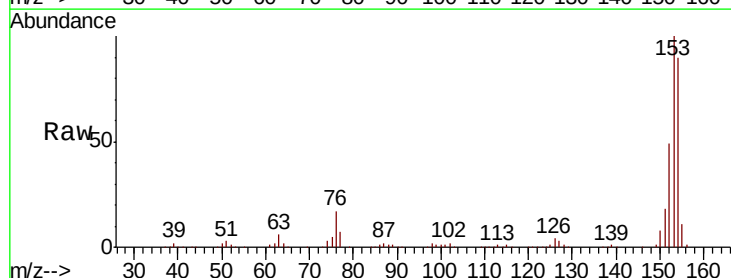
Tgt Ion:154 Resp: 783793

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

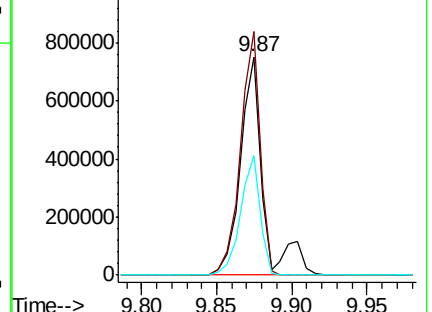
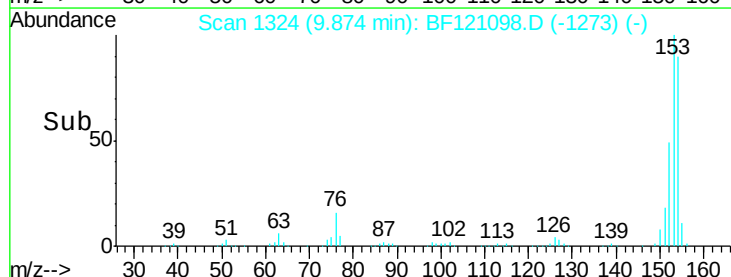
152 54.6 43.8 65.6

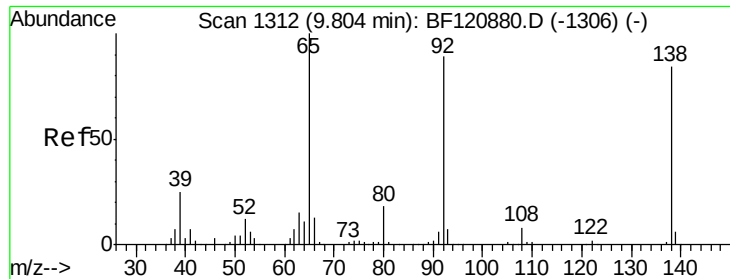


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





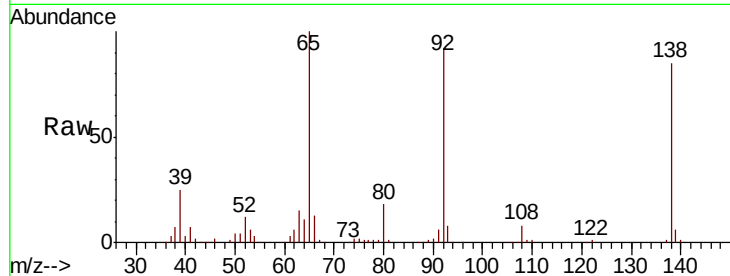
#53
3-Nitroaniline
Concen: 24.952 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

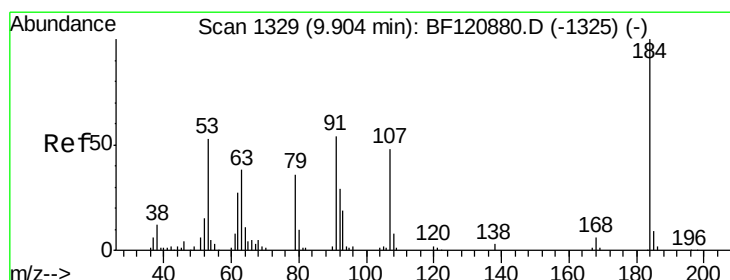
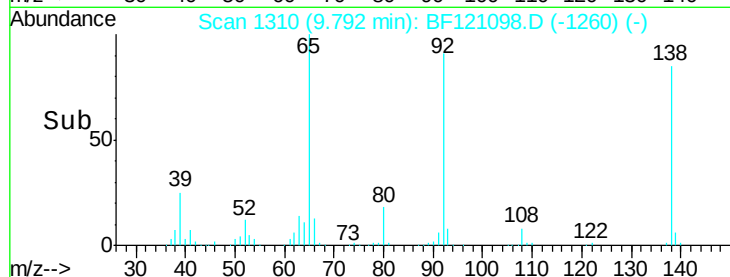
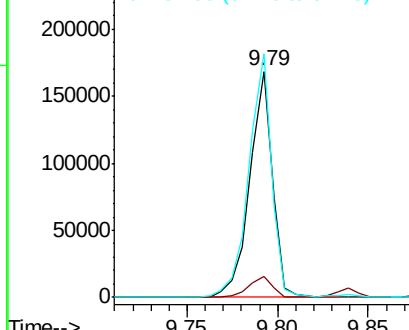
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.8
92	107.7	85.0	127.4

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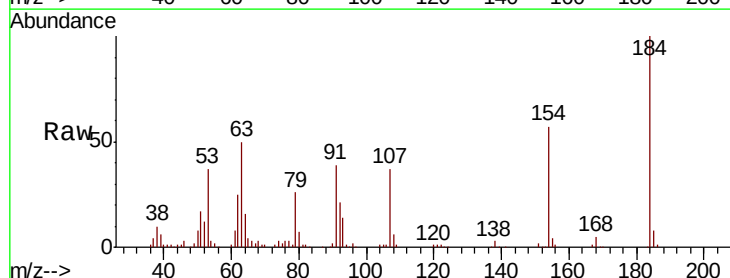


Abundance Ion 138.00 (137.70 to 138.70): E
250000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

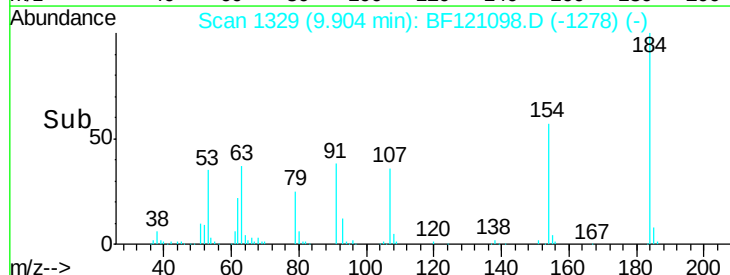
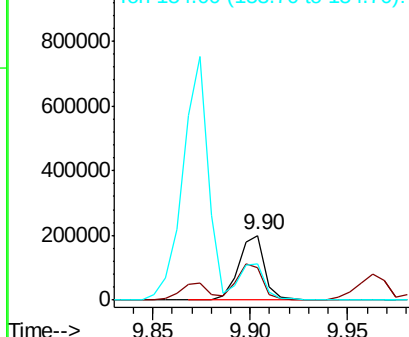


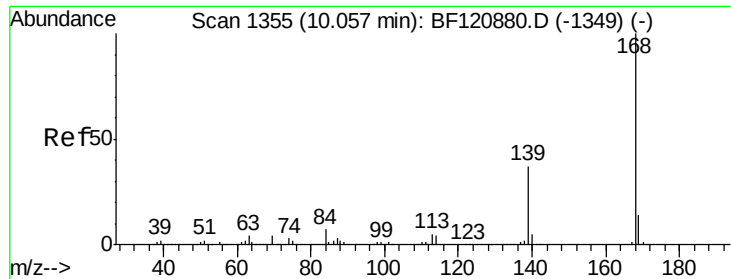
#54
2,4-Dinitrophenol
Concen: 70.343 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.5	42.5	63.7
154	57.1	46.8	70.2



Abundance Ion 184.00 (183.70 to 184.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





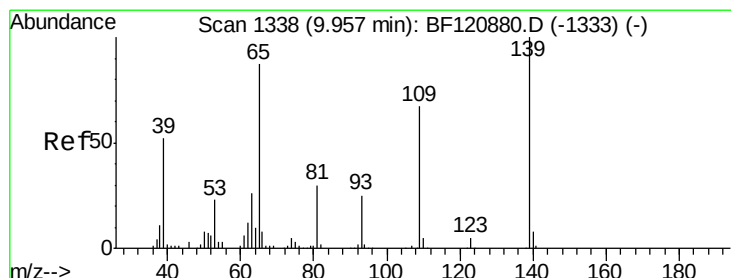
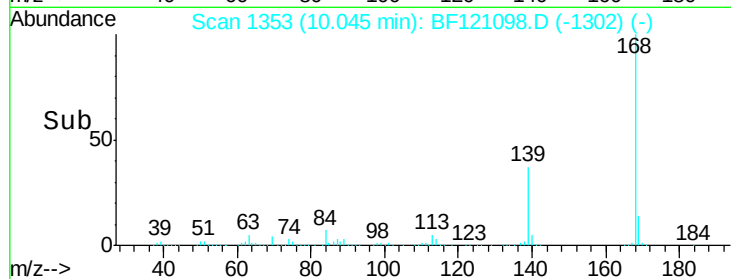
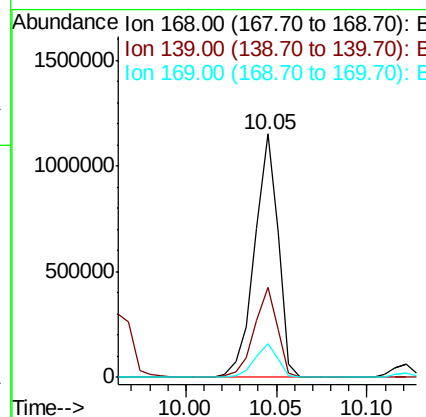
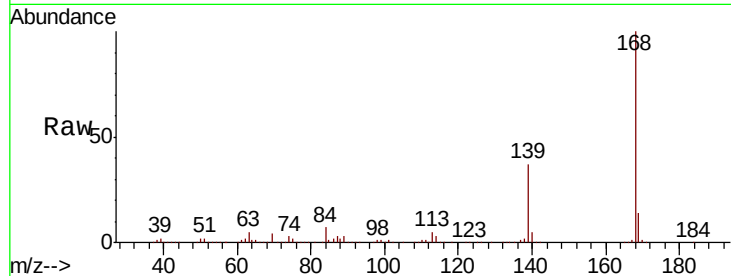
#55
Dibenzofuran
Concen: 38.601 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.1	45.1
169	13.8	11.3	16.9

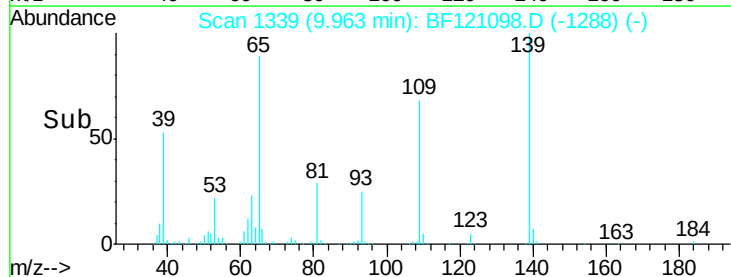
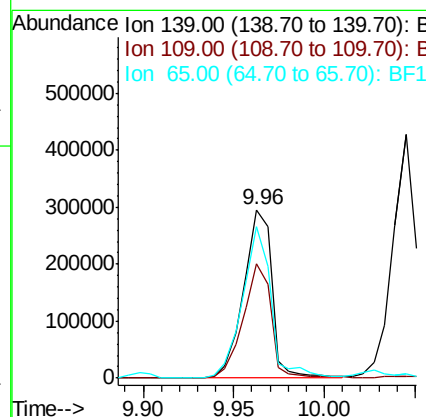
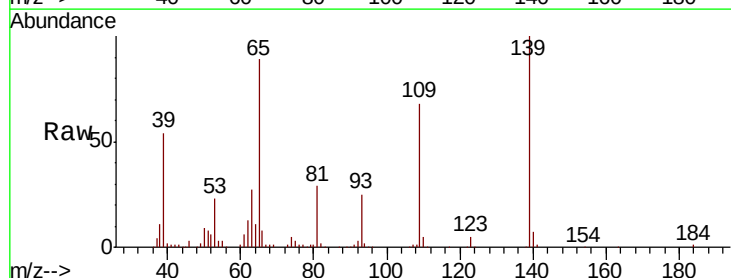
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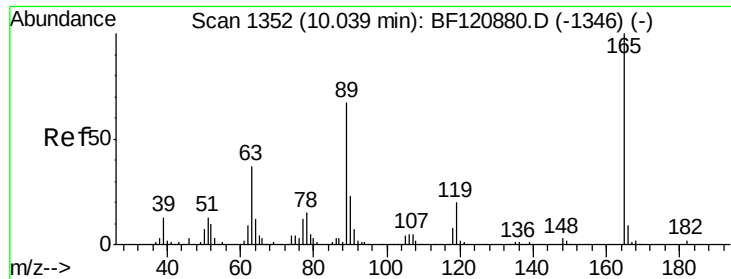
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#56
4-Nitrophenol
Concen: 72.224 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.5	44.8	84.8
65	89.5	65.6	105.6





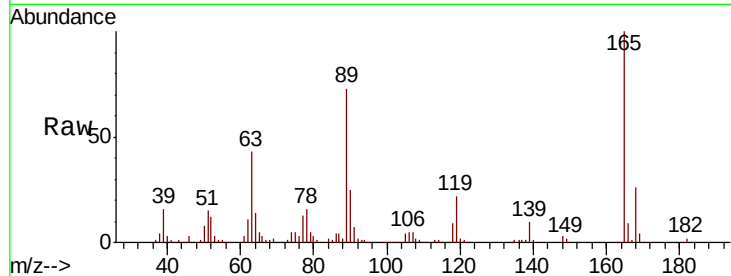
#57
2,4-Dinitrotoluene
Concen: 40.657 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

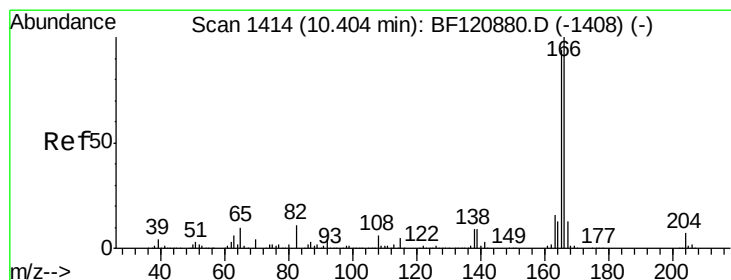
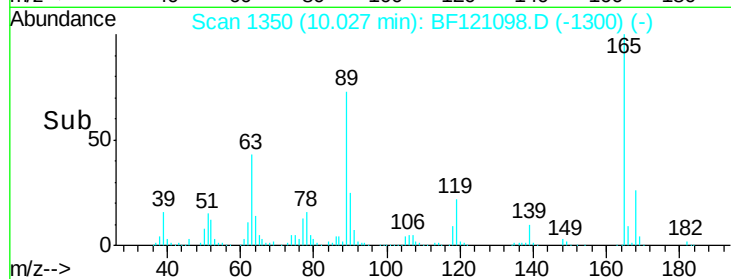
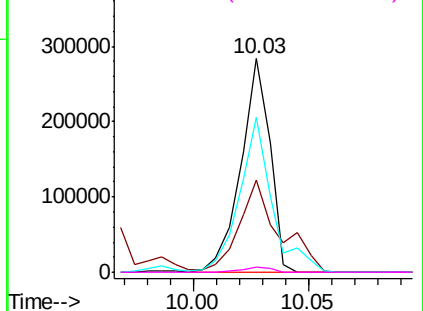
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		249983		
63	43.0	29.8	44.8		
89	72.6	50.3	75.5		
182	2.3	2.1	3.1		

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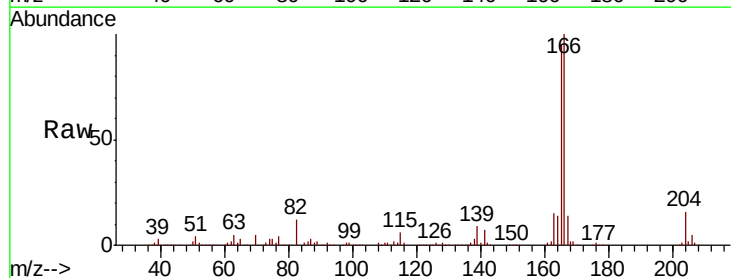


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

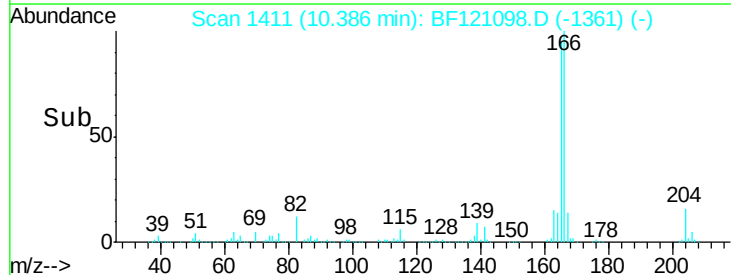
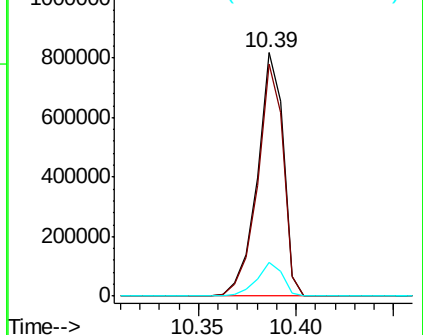


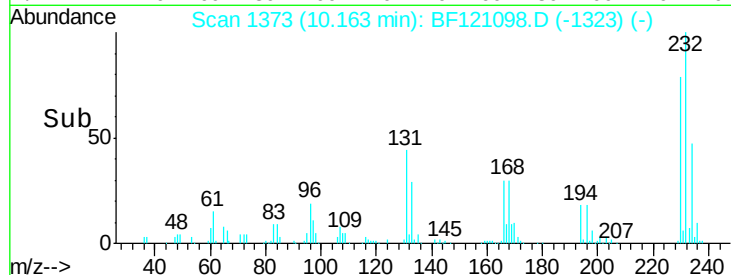
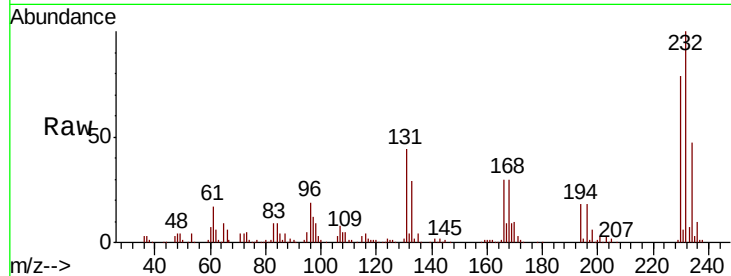
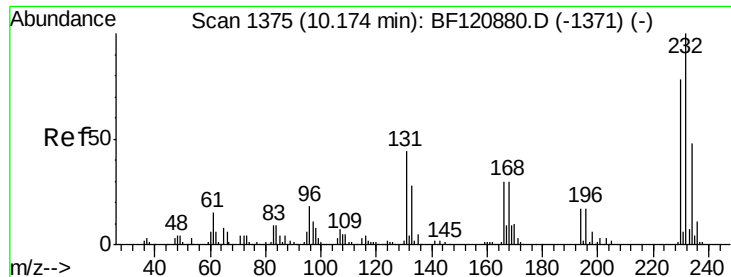
#58
Fluorene
Concen: 37.522 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		750924		
165	95.4	76.4	114.6		
167	13.7	10.7	16.1		



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





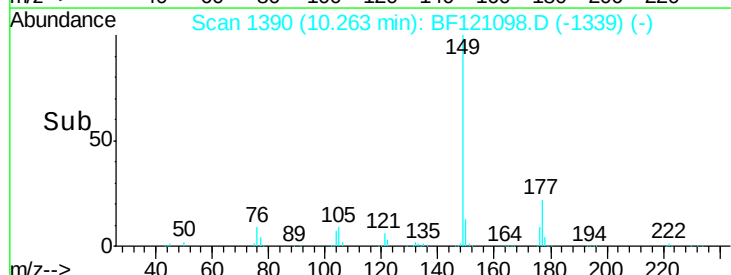
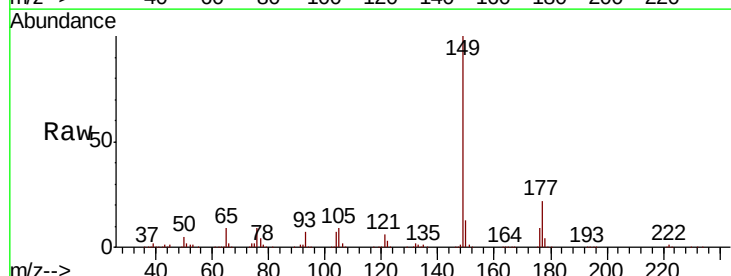
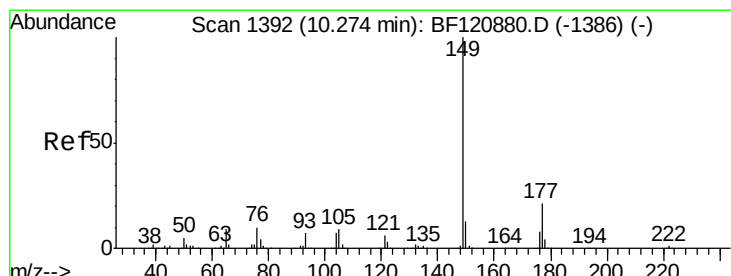
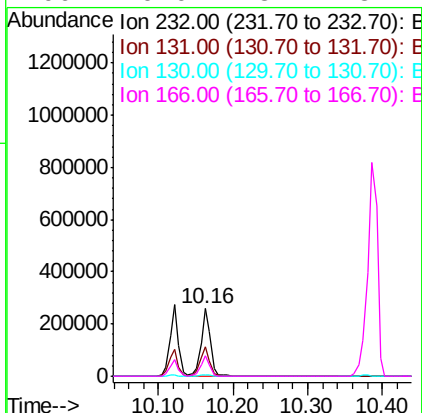
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.742 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	228757		
131	43.3		34.2	51.2
130	2.1		1.7	2.5
166	29.0		23.1	34.7

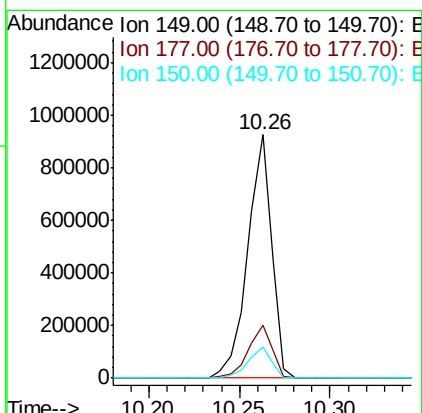
Manual Integrations
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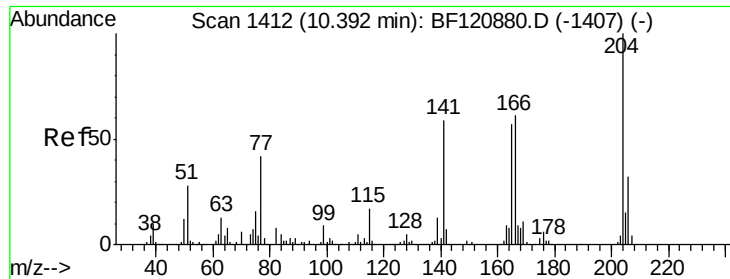
mohammad
7/30/2020 3:33:22 PM



#60
Diethylphthalate
Concen: 38.462 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	847835		
177	22.0		17.6	26.4
150	12.6		10.2	15.4





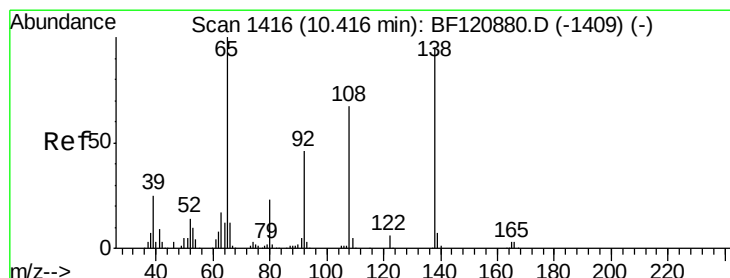
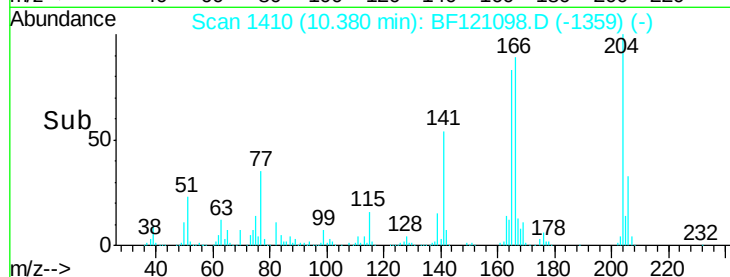
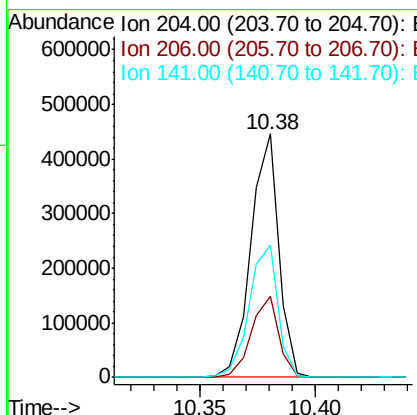
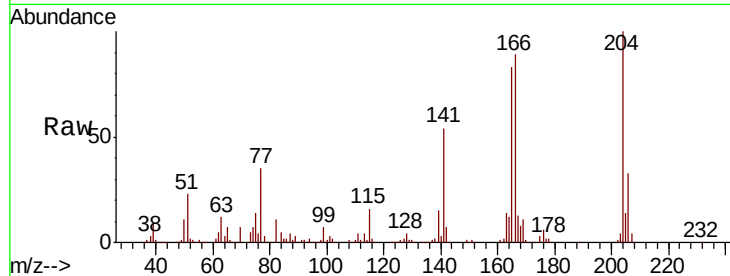
#61
 4-Chlorophenyl-phenylether
 Concen: 35.229 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:	204	Resp:	376042
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.0	39.0
141	54.5	46.9	70.3

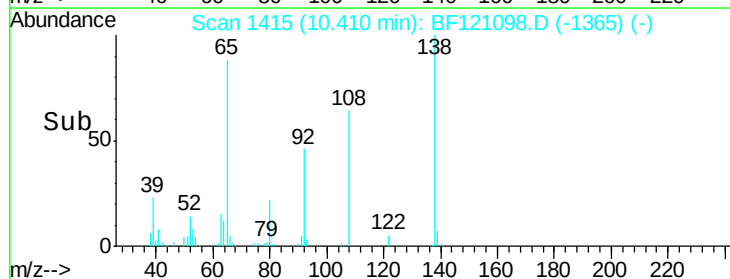
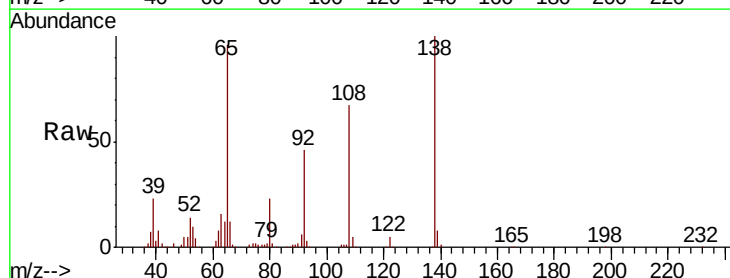
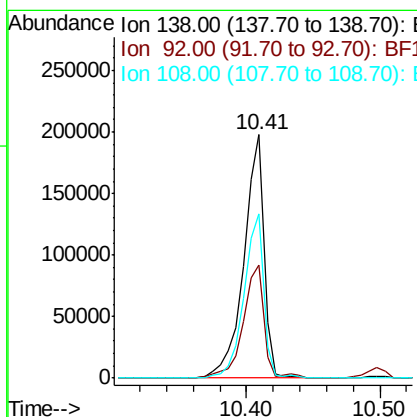
Manual Integrations
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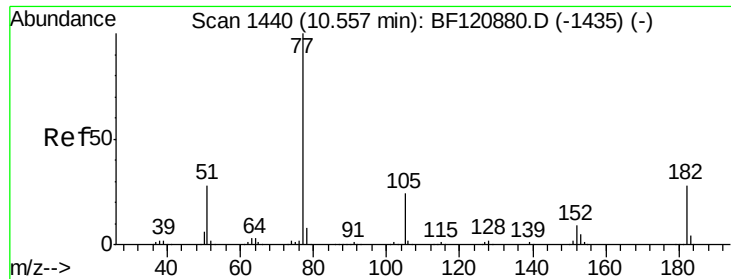
mohammad
 7/30/2020 3:33:22 PM



#62
 4-Nitroaniline
 Concen: 36.164 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:	138	Resp:	206862
Ion Ratio	Lower	Upper	
138	100		
92	46.3	25.2	65.2
108	67.2	46.7	86.7





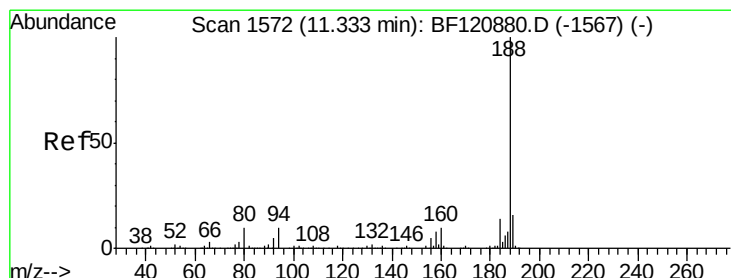
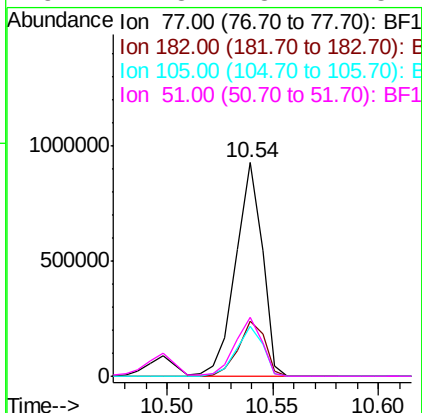
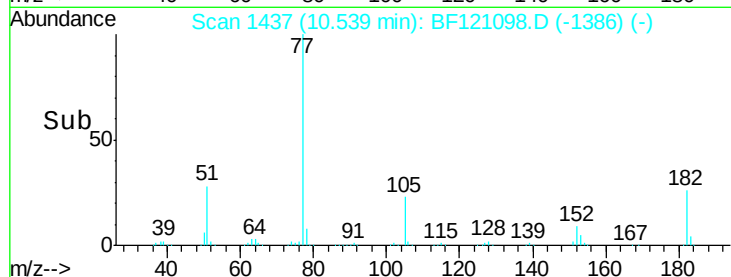
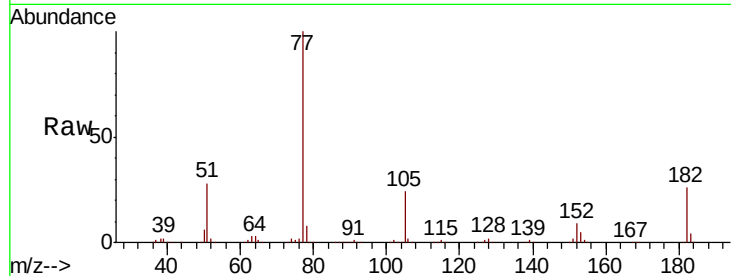
#63
Azobenzene
Concen: 38.410 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.0	4.5	44.5		
105	23.7	3.4	43.4		
51	27.8	8.7	48.7		

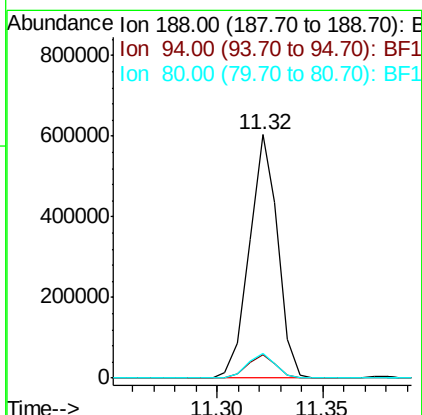
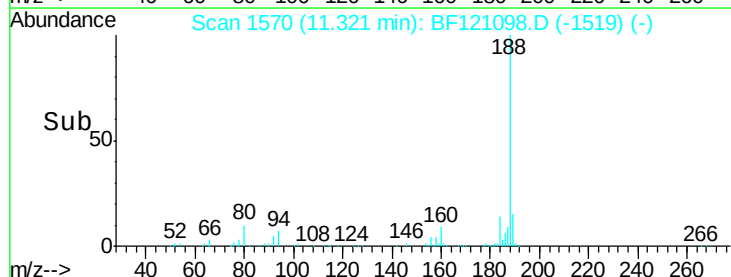
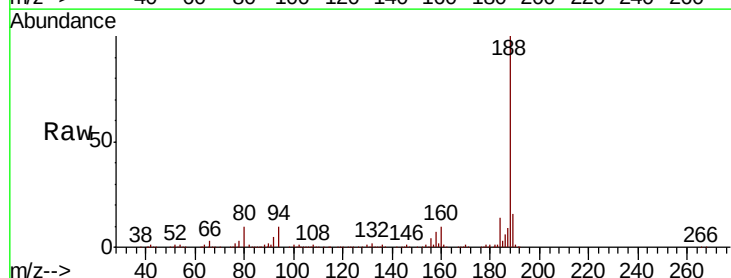
Manual Integrations
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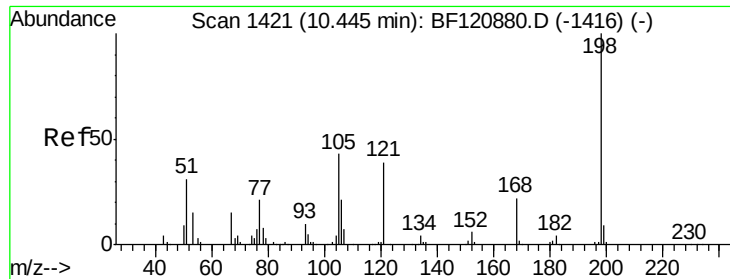
mohammad
7/30/2020 3:33:22 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	8.0	12.0		
80	10.2	8.3	12.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.213 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion:198 Resp: 128948

Ion Ratio Lower Upper

198 100

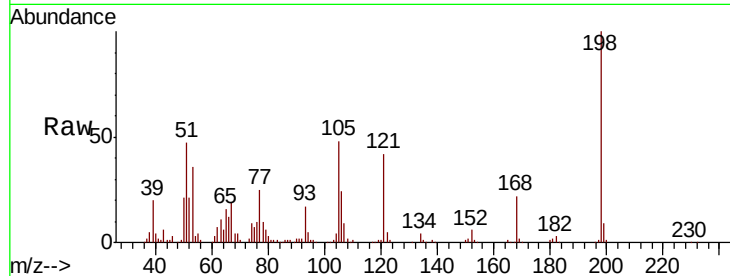
51 46.9 23.4 63.4

105 47.6 23.7 63.7

Manual Integrations
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mohammad

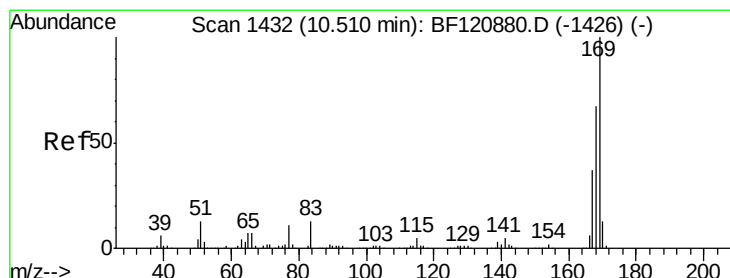
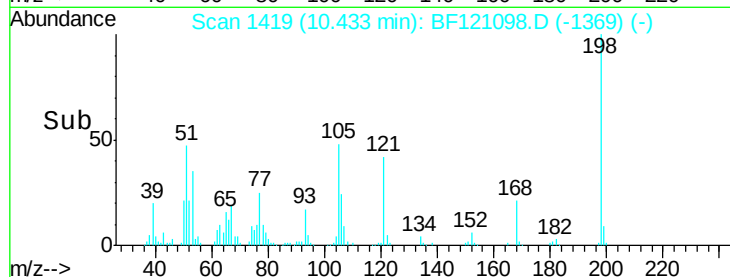
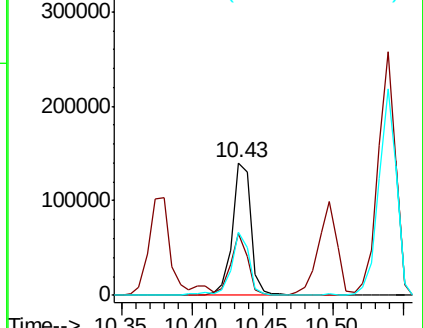
7/30/2020 3:33:22 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.980 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

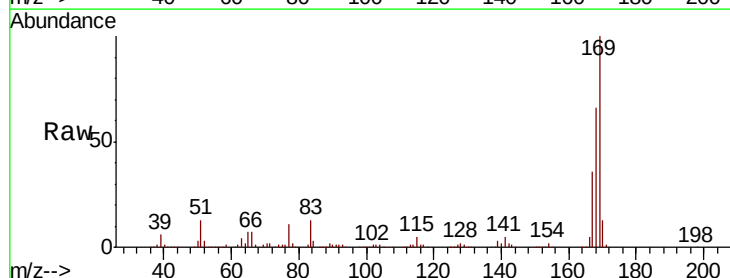
Tgt Ion:169 Resp: 726496

Ion Ratio Lower Upper

169 100

168 66.1 53.7 80.5

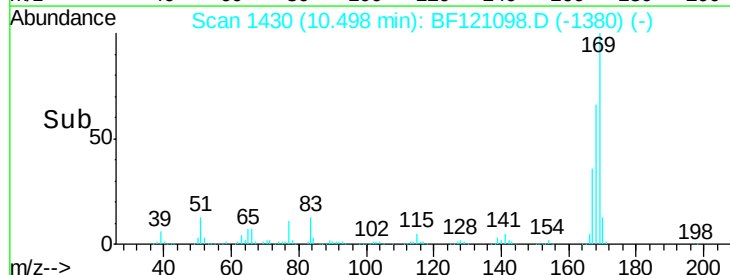
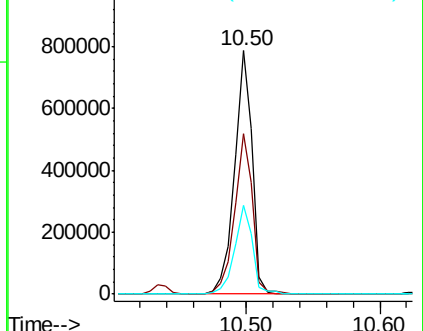
167 36.2 30.0 45.0

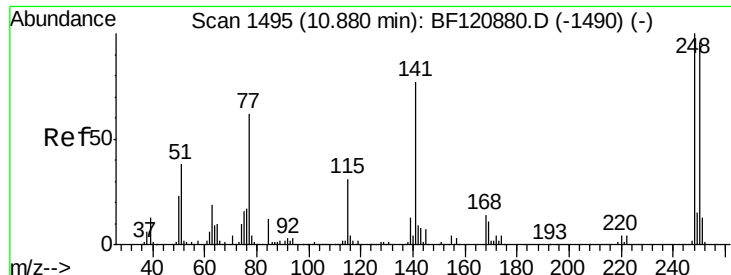


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





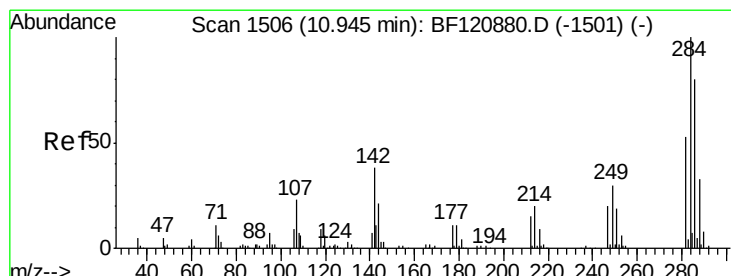
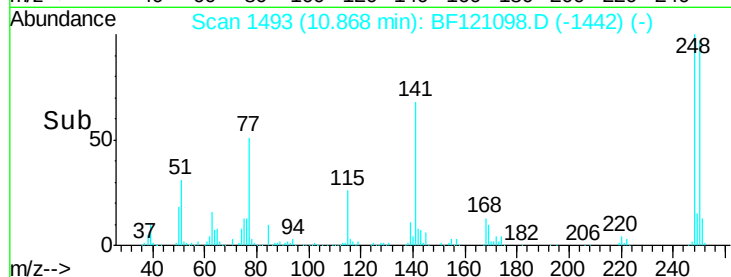
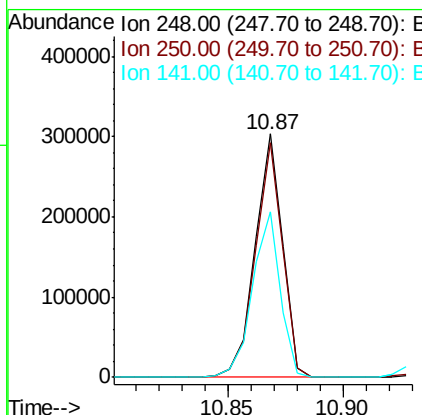
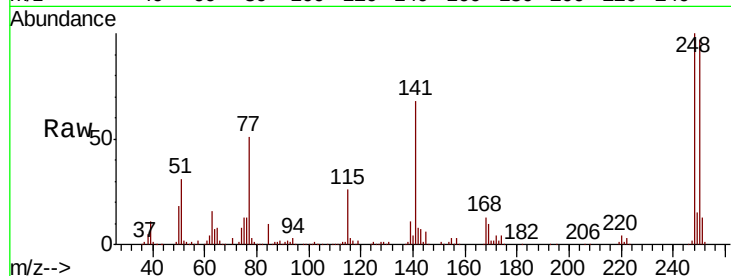
#67
 4-Bromophenyl-phenylether
 Concen: 40.049 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	67.9	56.6	85.0

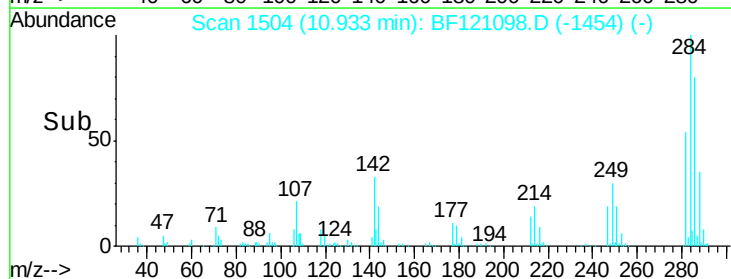
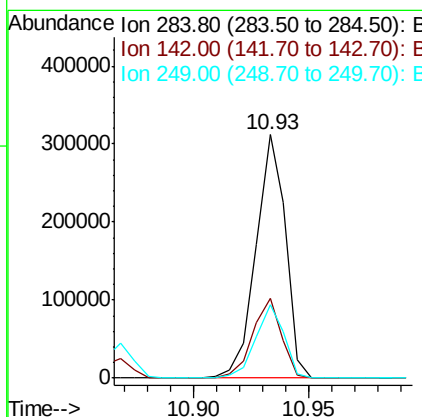
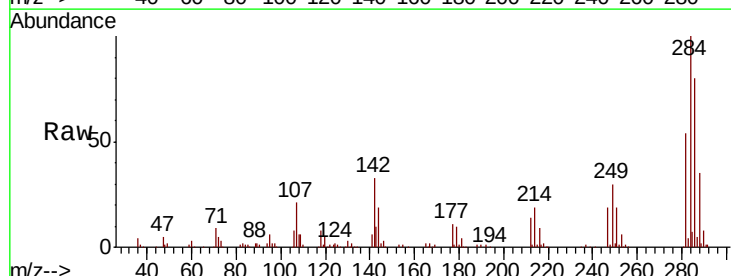
Manual Integrations
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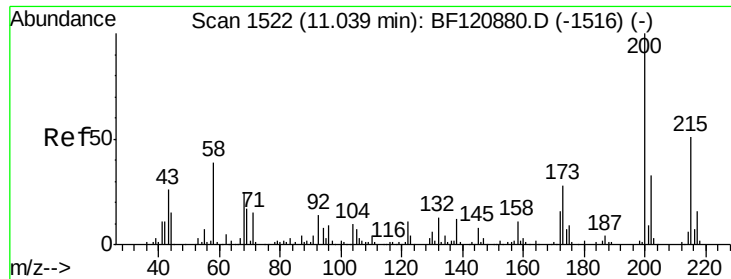
mohammad
 7/30/2020 3:33:22 PM



#68
 Hexachlorobenzene
 Concen: 40.968 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	21.1	31.7#
249	30.1	22.5	33.7





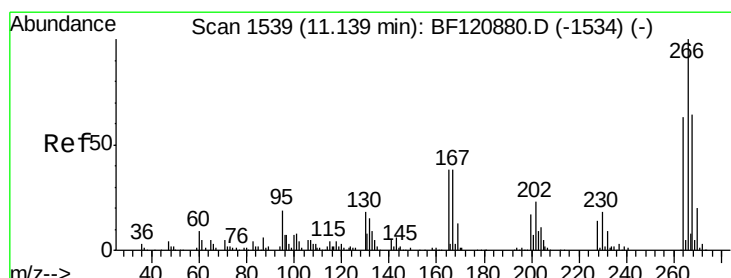
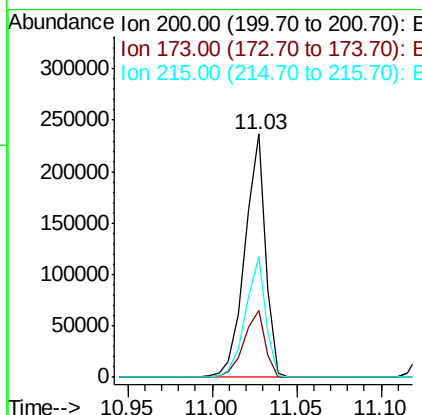
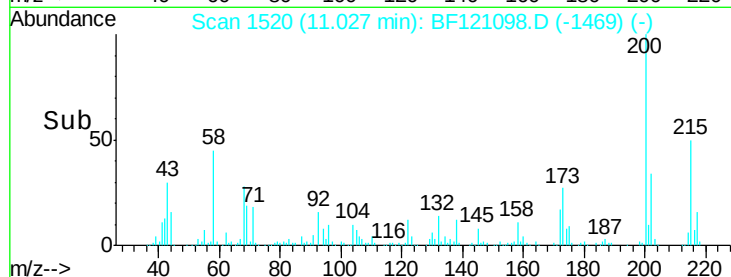
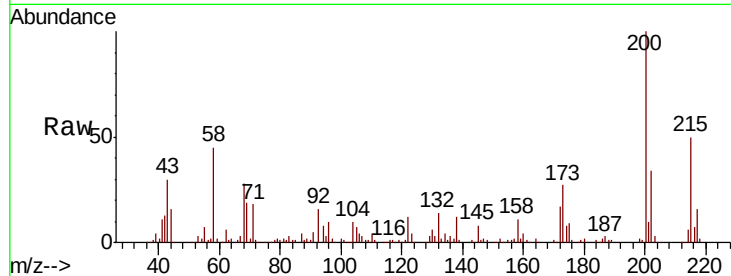
#69
 Atrazine
 Concen: 45.947 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.8	28.8	68.8

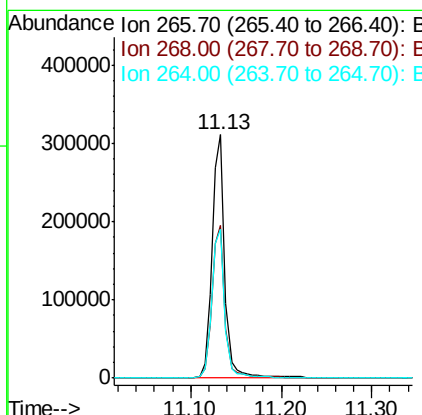
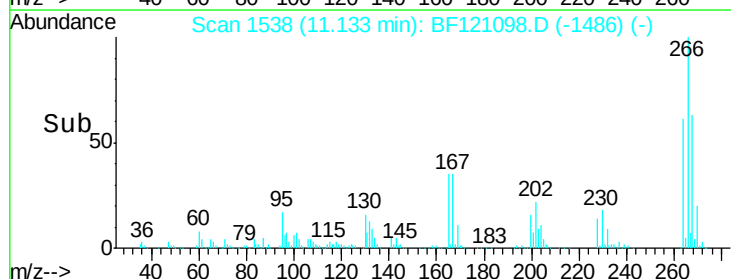
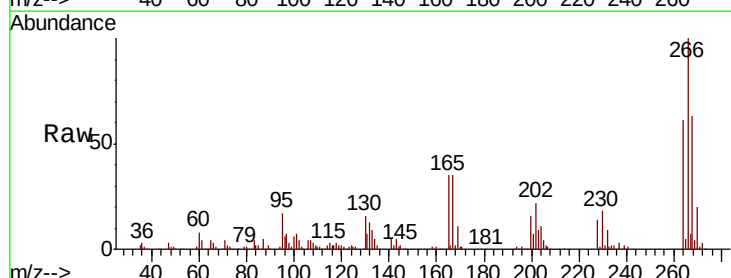
Manual Integrations
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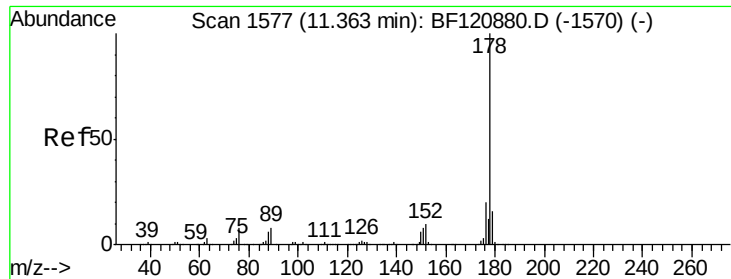
mohammad
 7/30/2020 3:33:22 PM



#70
 Pentachlorophenol
 Concen: 79.145 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.7	74.5
264	61.2	50.4	75.6





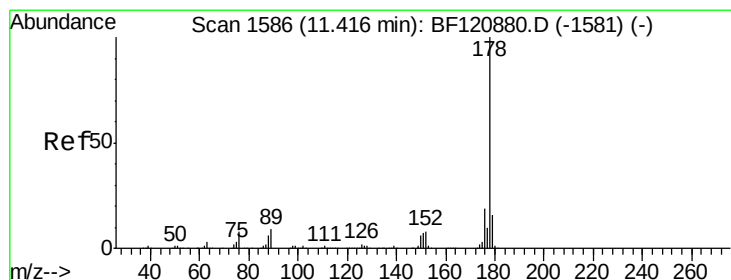
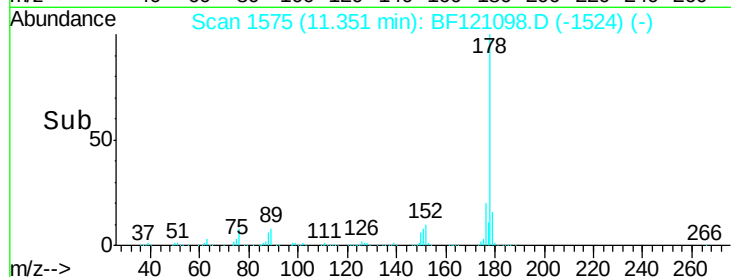
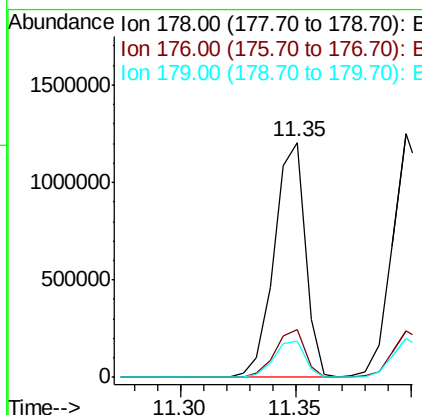
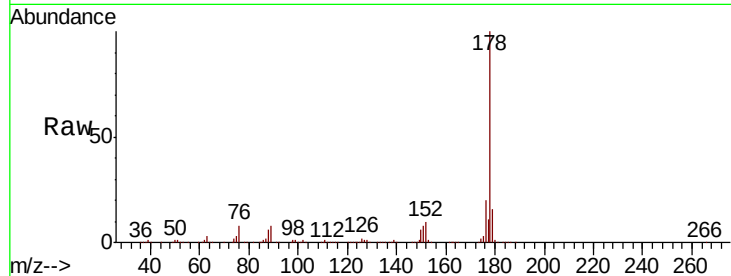
#71
Phenanthrene
Concen: 38.942 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion:178 Resp: 1128665
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.6 12.6 19.0

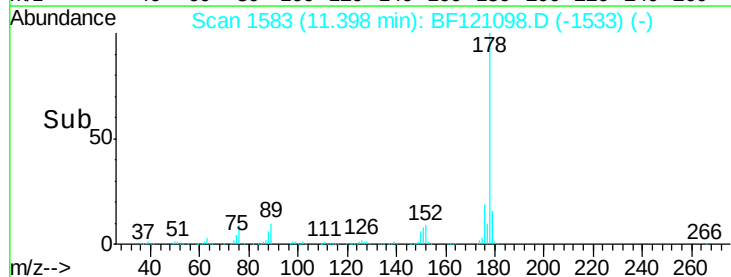
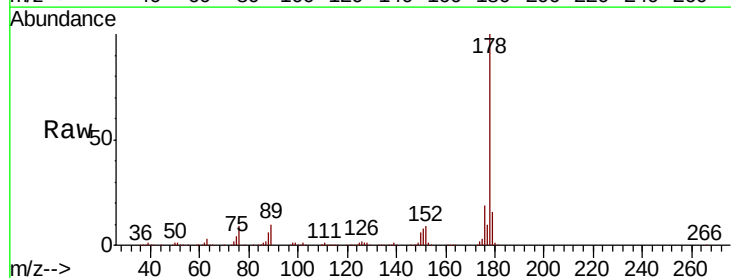
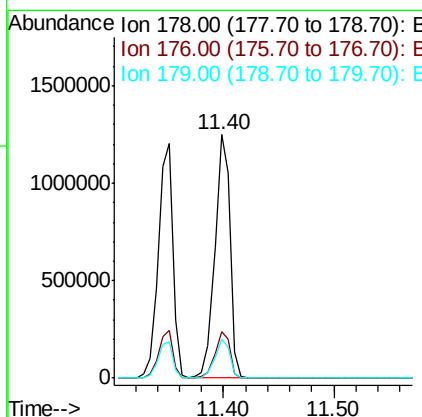
Manual Integrations
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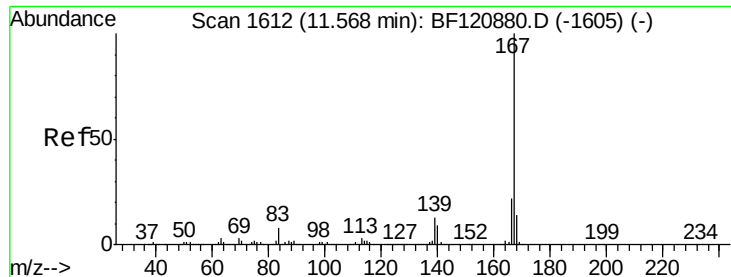
mohammad
7/30/2020 3:33:22 PM



#72
Anthracene
Concen: 40.310 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion:178 Resp: 1173146
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.9 12.6 19.0





#73

Carbazole

Concen: 37.328 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

PB130545BSD

Tot Ion:167 Resp: 1078126

Ion Ratio Lower Upper

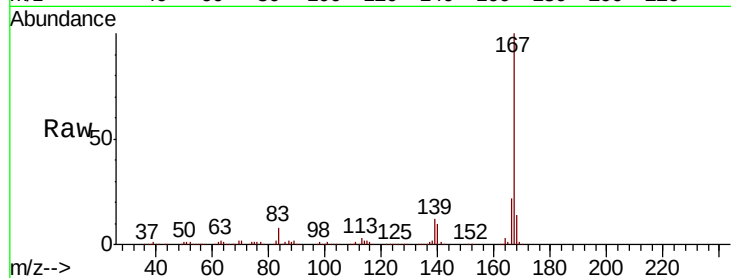
167 100

166 22.0 17.5 26.3

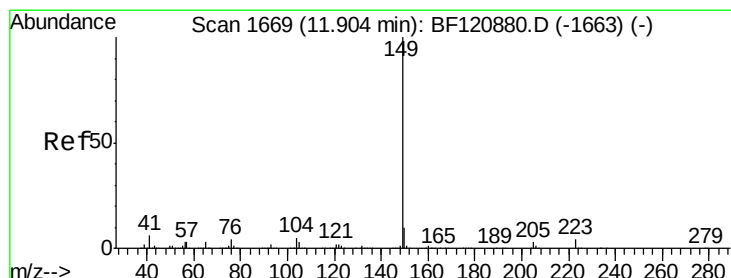
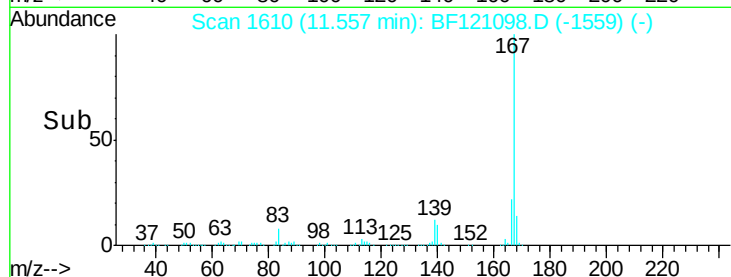
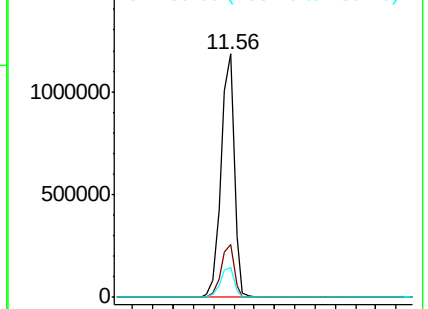
139 12.5 10.5 15.7

Manual Integrations
APPROVED

mohammad
7/30/2020 3:33:22 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.590 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

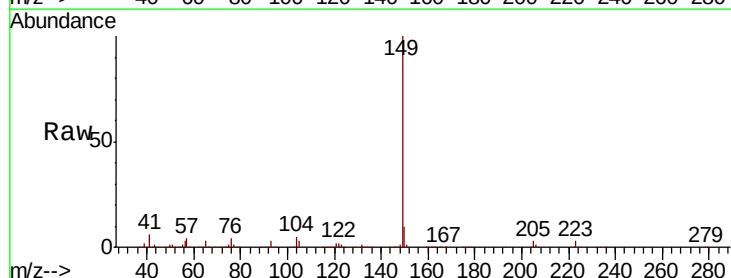
Tgt Ion:149 Resp: 1319546

Ion Ratio Lower Upper

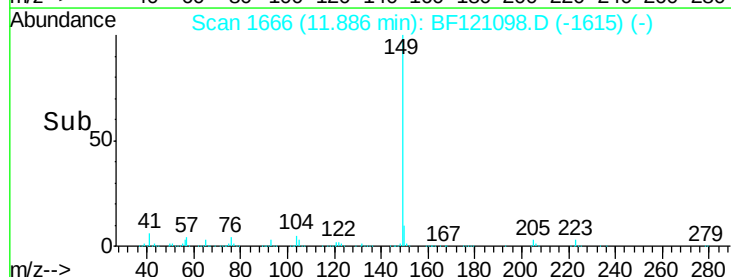
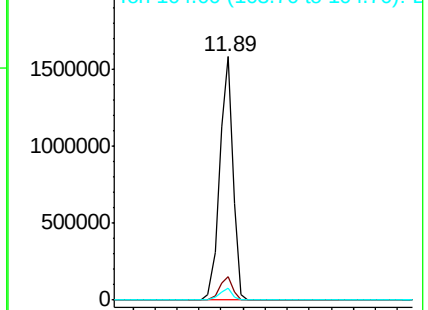
149 100

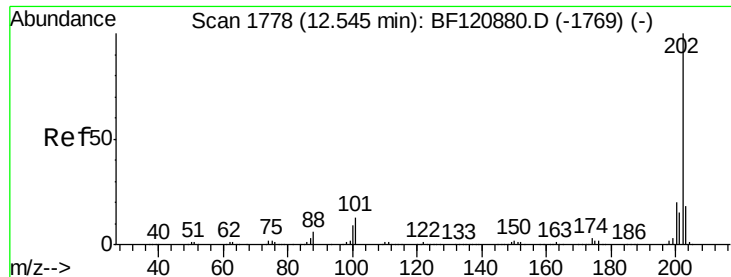
150 9.7 7.8 11.8

104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





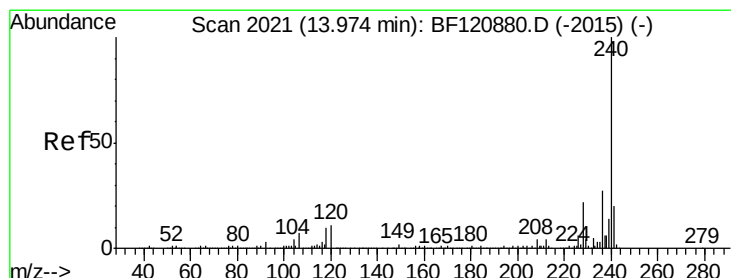
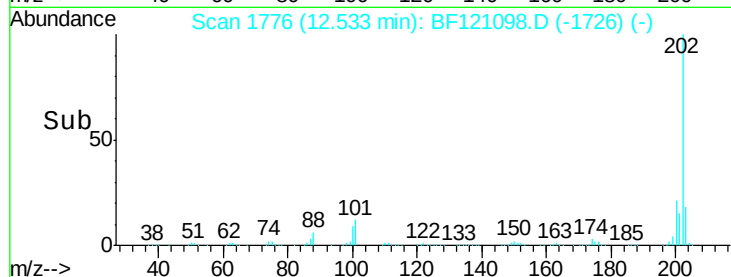
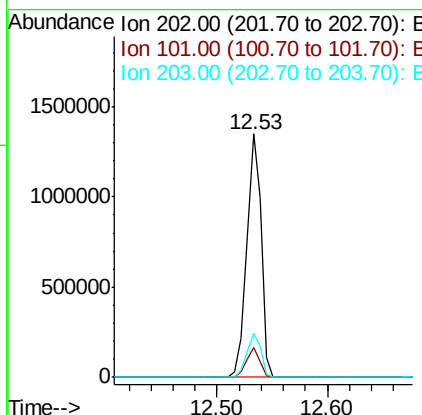
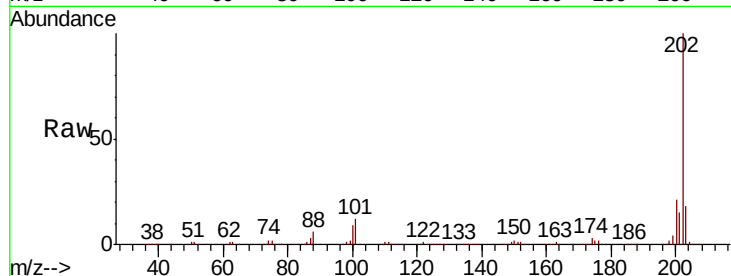
#75
Fluoranthene
Concen: 38.410 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1233958		
101	12.1		0.0	30.5
203	18.0		0.0	37.7

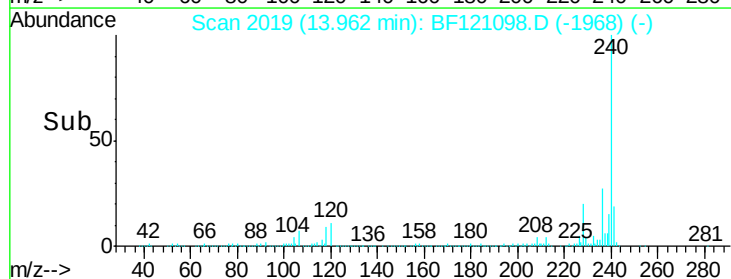
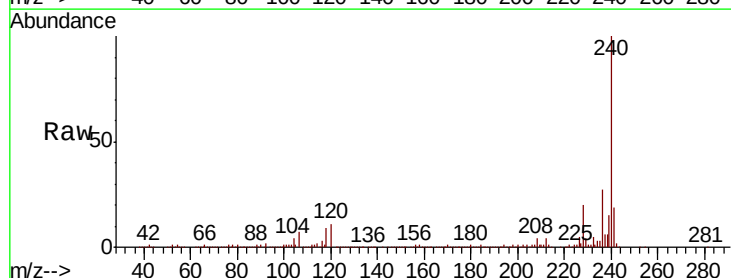
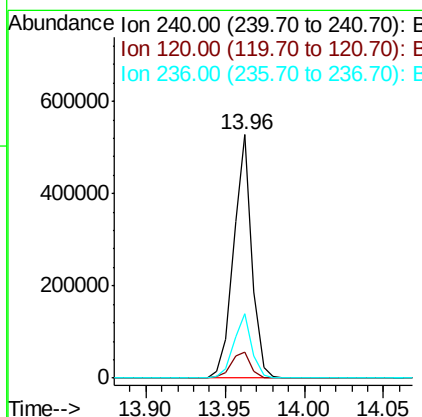
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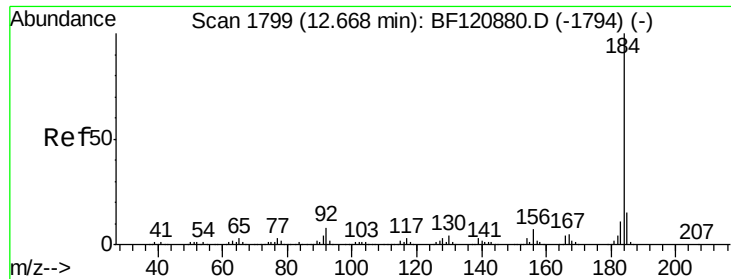
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	417213		
120	10.7		9.3	13.9
236	26.6		21.1	31.7





#77

Benzidine

Concen: 65.515 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

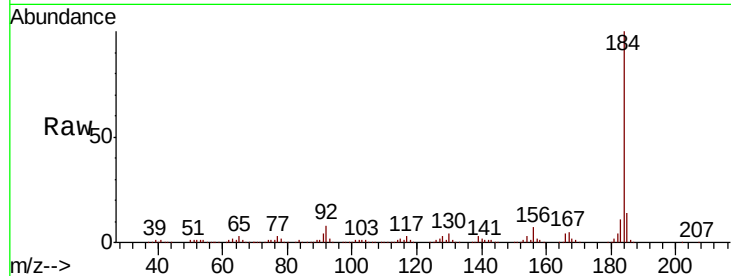
ClientSampleId :

PB130545BSD

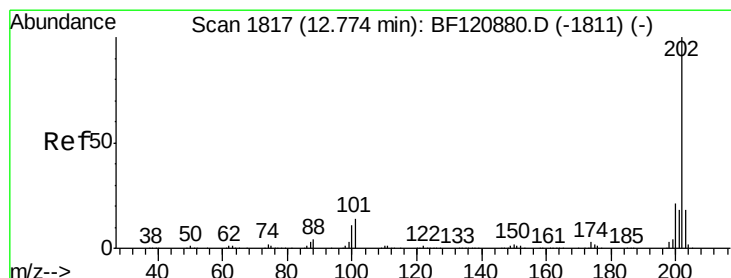
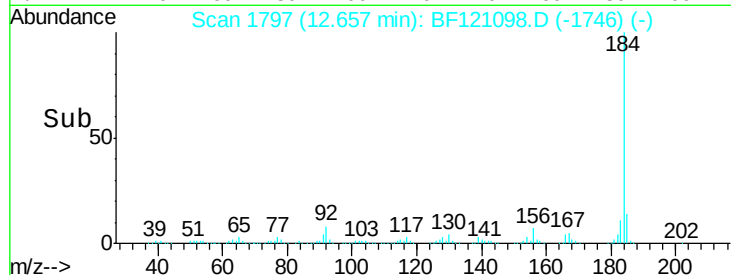
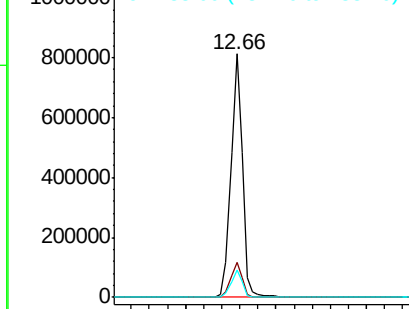
Tot Ion:	184	Resp:	718655
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.1	18.1
183	11.0	9.0	13.4

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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: 42.786 ng

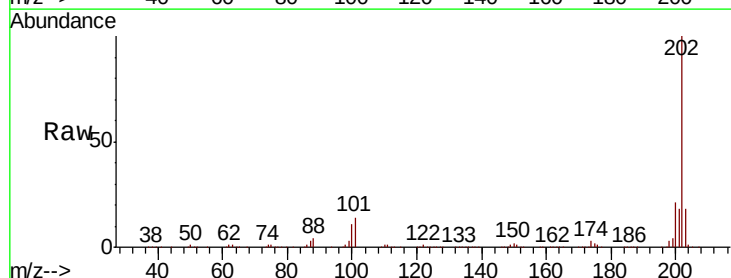
RT: 12.76 min Scan# 1815

Delta R.T. -0.00 min

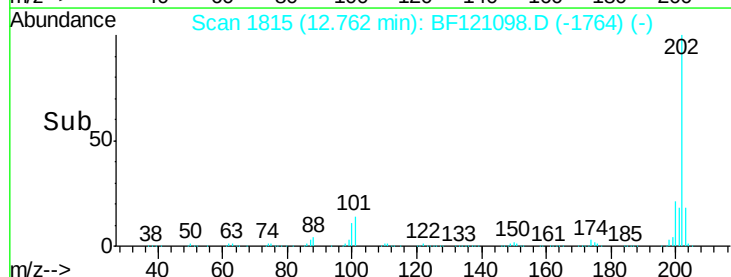
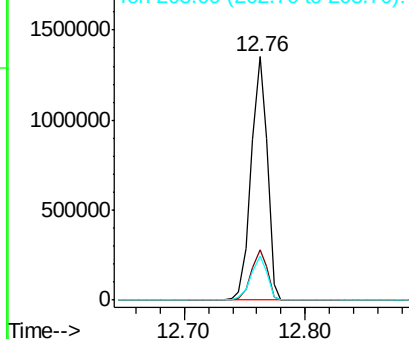
Lab File: BF121098.D

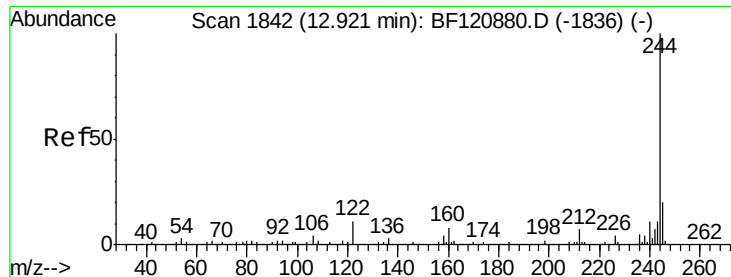
Acq: 29 Jul 2020 13:07

Tgt Ion:	202	Resp:	1262052
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	18.2	14.6	21.8



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





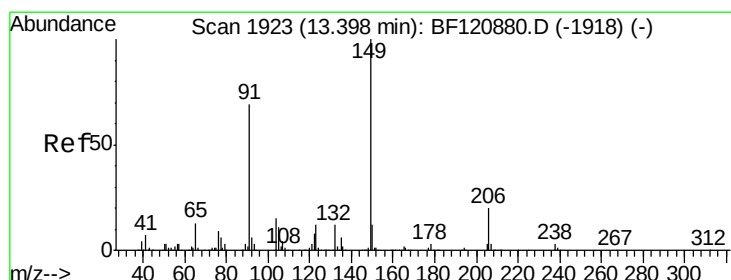
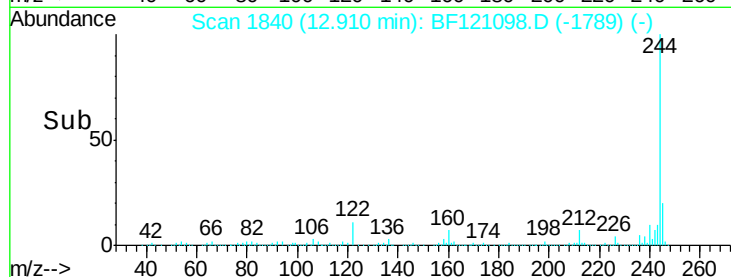
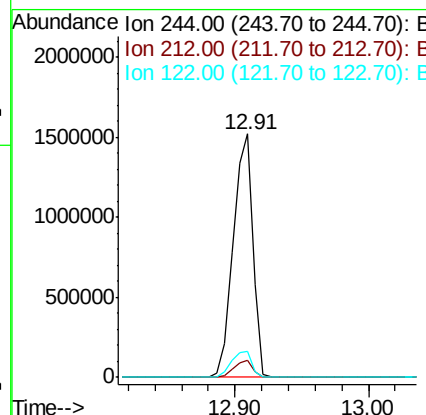
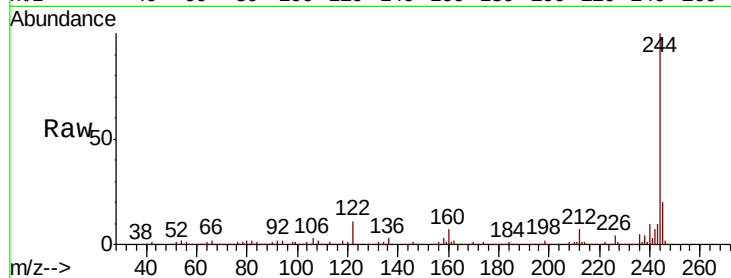
#79
 Terphenyl-d14
 Concen: 82.634 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.6	8.3	12.5

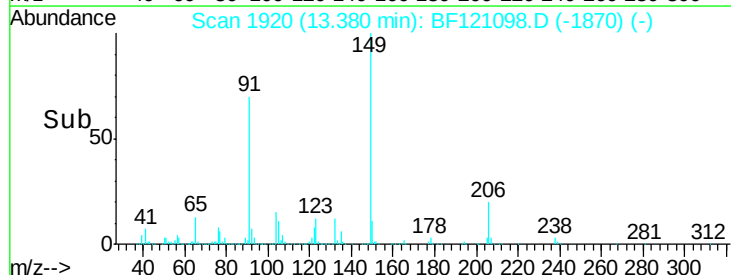
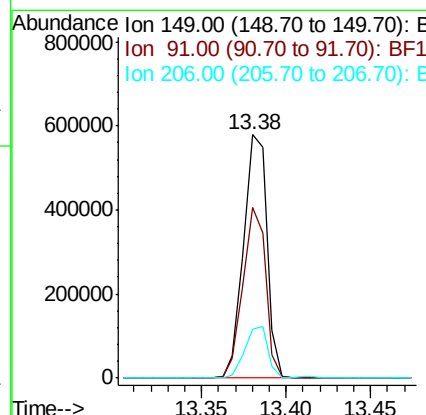
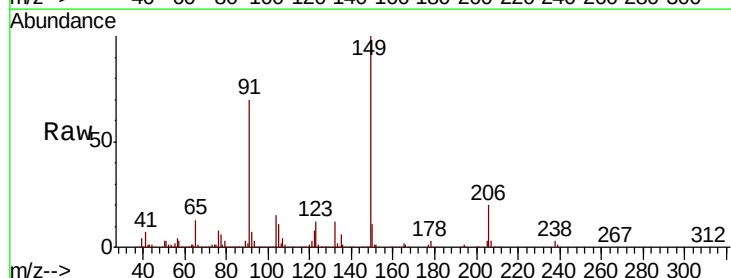
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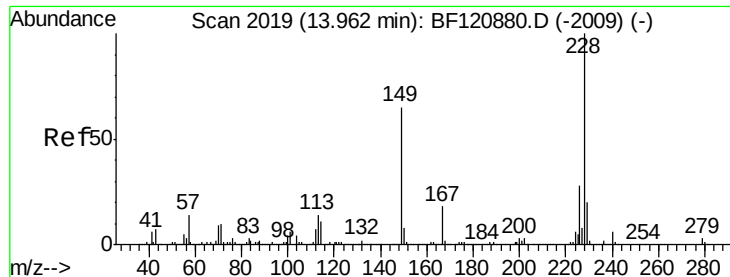
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.692 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.1	51.4	77.0
206	20.0	17.9	26.9





#81

Benzo(a)anthracene

Concen: 40.173 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

PB130545BSD

Tot Ion:228 Resp: 1014934

Ion Ratio Lower Upper

228 100

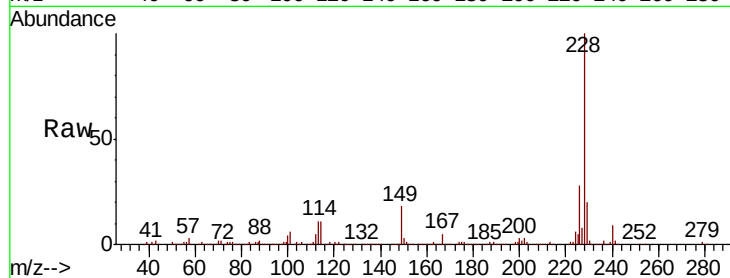
226 27.8 22.6 34.0

229 20.2 16.1 24.1

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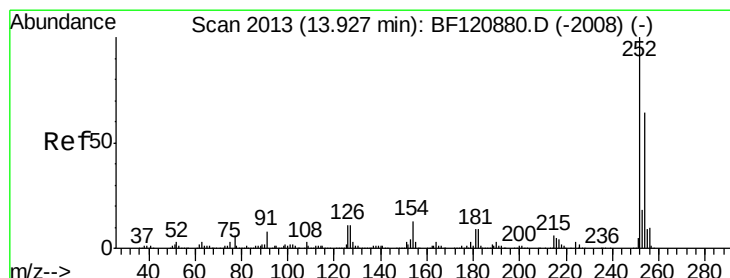
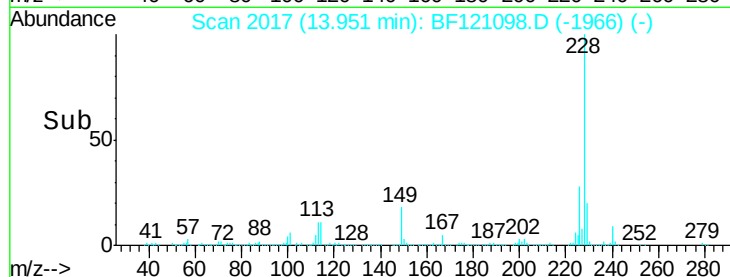
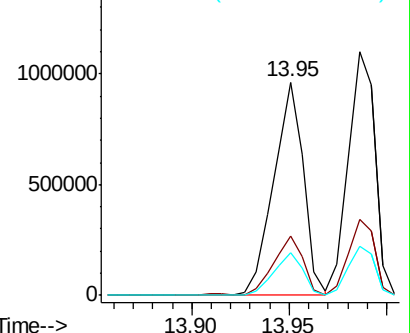
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.874 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF121098.D

Acq: 29 Jul 2020 13:07

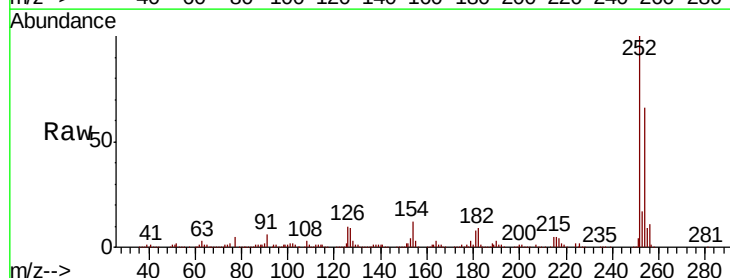
Tgt Ion:252 Resp: 303804

Ion Ratio Lower Upper

252 100

254 65.7 51.3 76.9

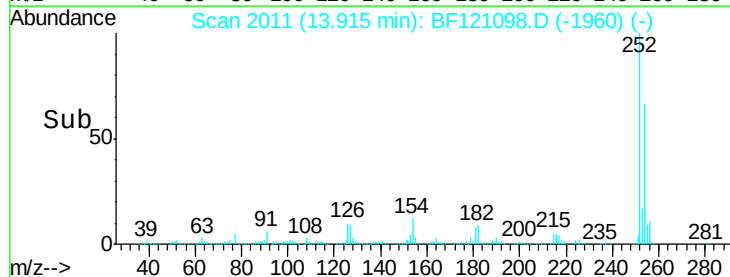
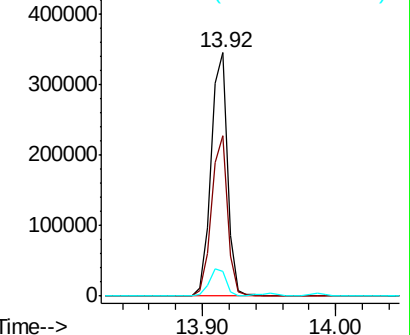
126 9.9 9.2 13.8

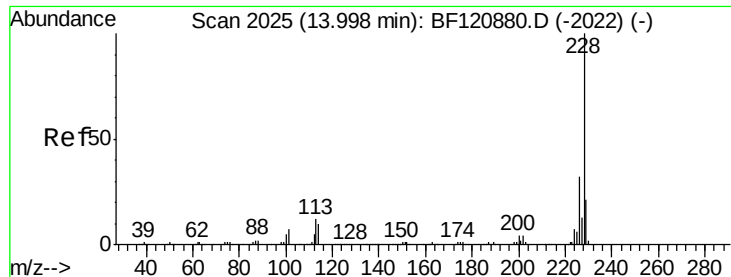


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





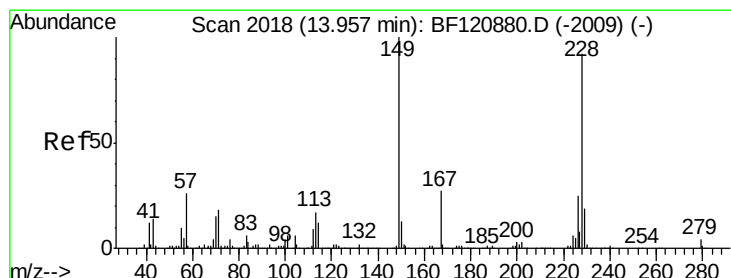
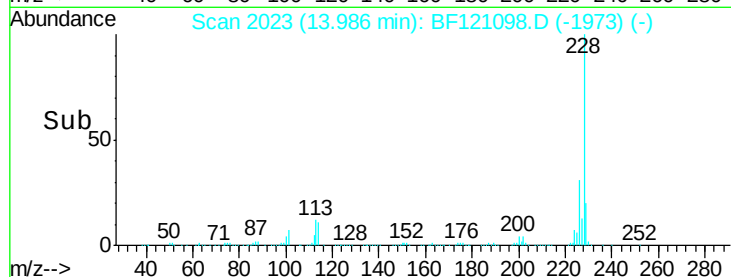
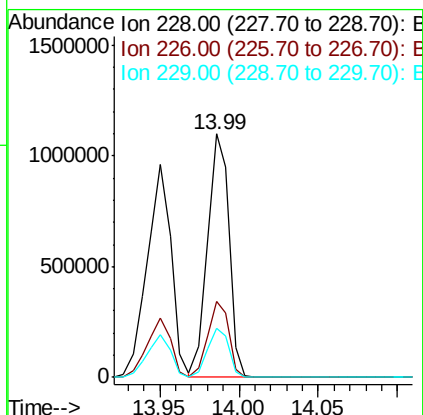
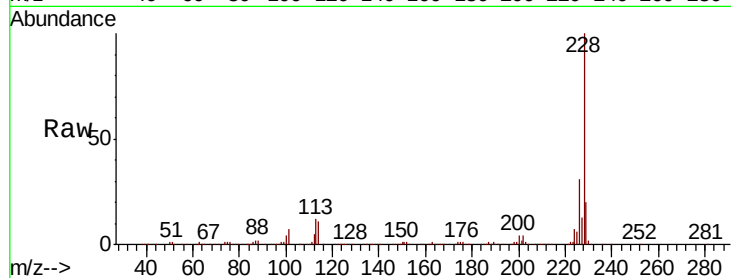
#83
 Chrysene
 Concen: 39.348 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleID :
 PB130545BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.3	16.2	24.4

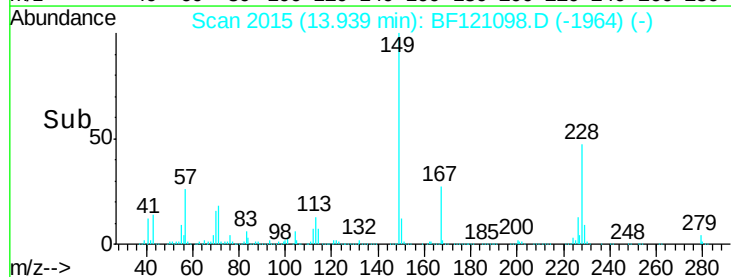
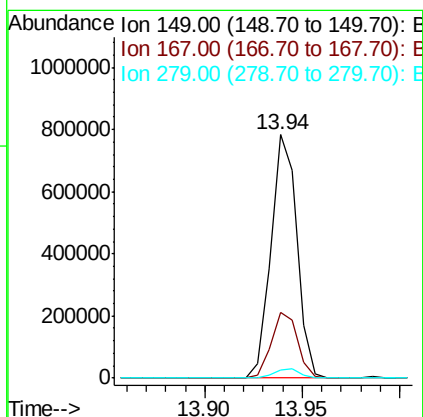
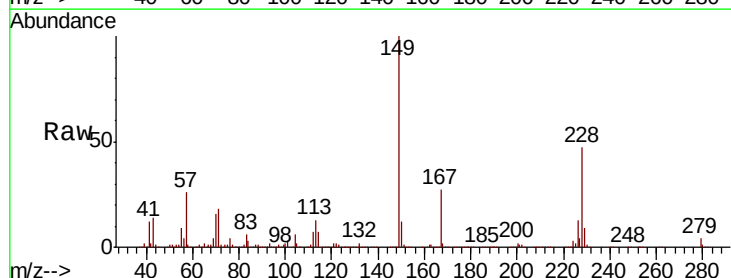
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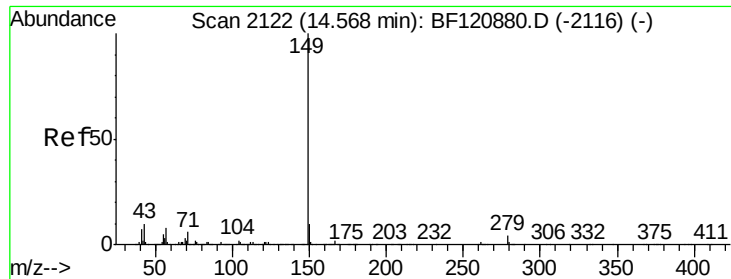
mohammad
 7/30/2020 3:33:22 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.433 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.6
279	3.5	2.9	4.3





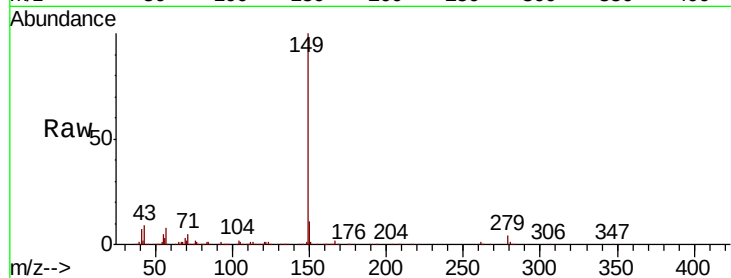
#85
Di-n-octyl phthalate
Concen: 41.296 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

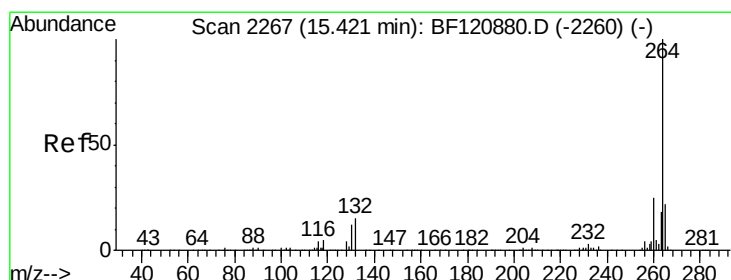
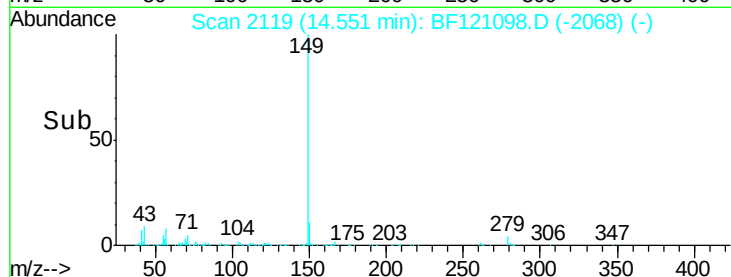
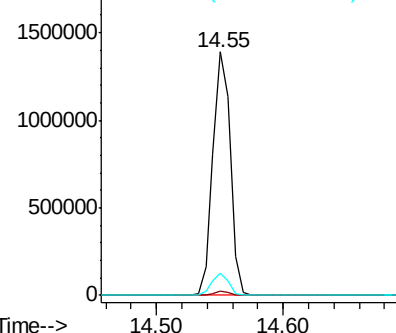
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.5	11.3

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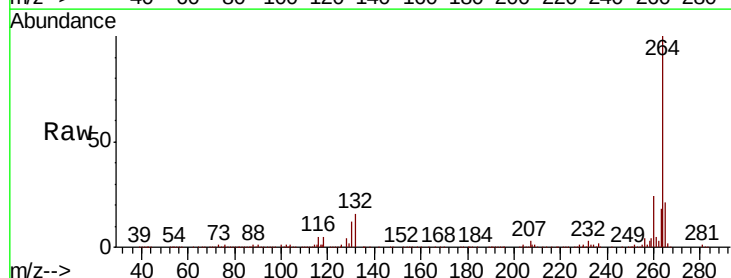


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

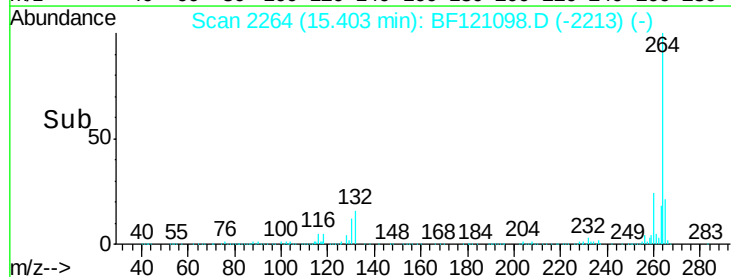
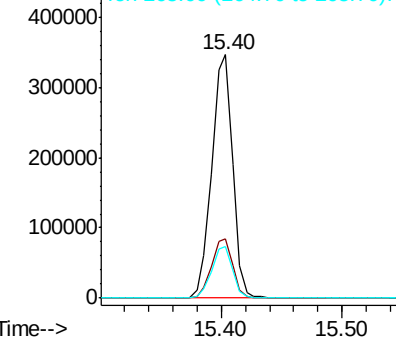


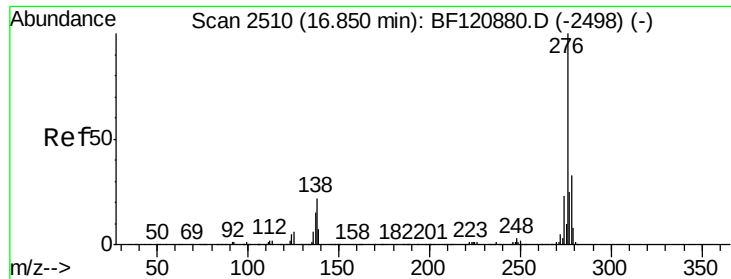
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	21.0	17.8	26.8



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





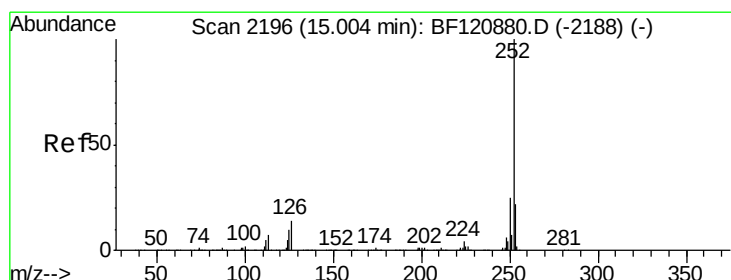
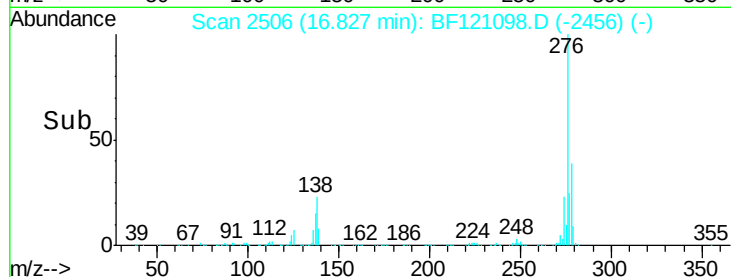
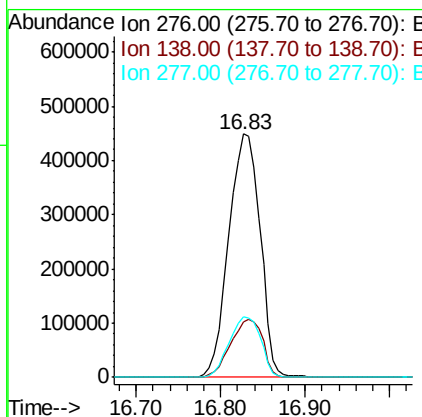
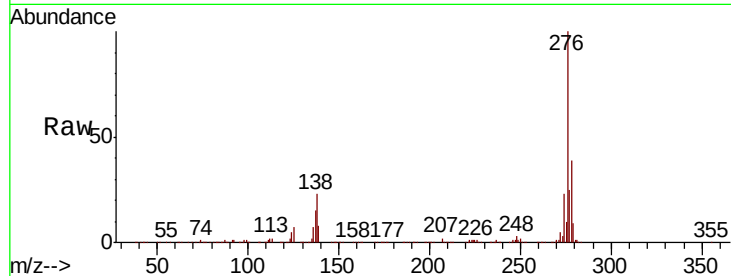
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.985 ng
 RT: 16.83 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BSD

Tot Ion:276 Resp: 1152750
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.3 28.9
 277 25.3 20.1 30.1

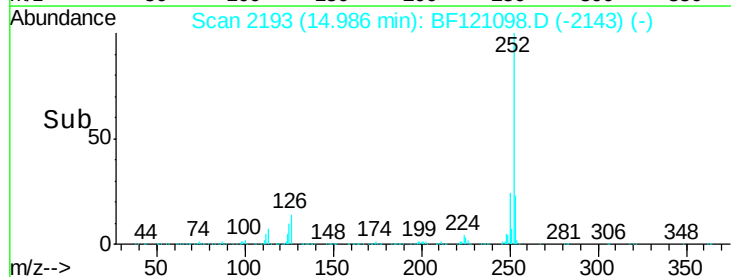
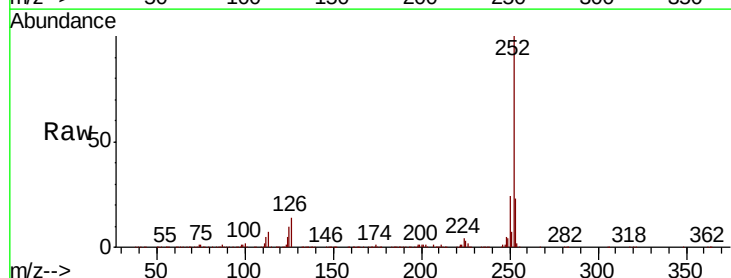
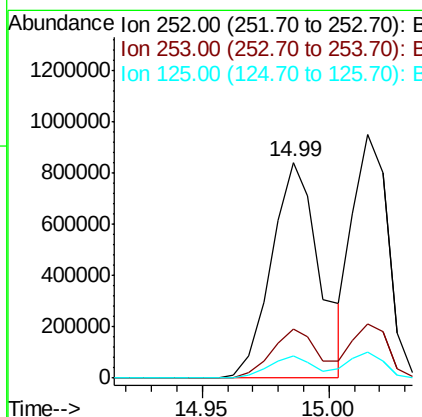
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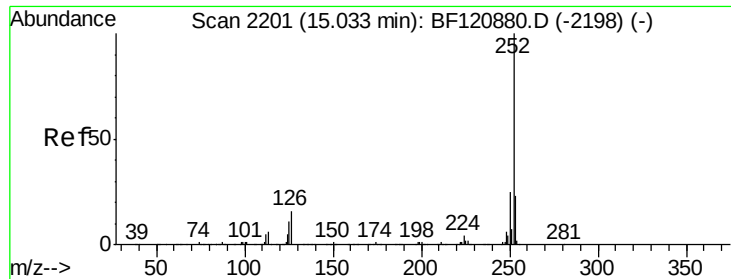
mohammad
 7/30/2020 3:33:22 PM



#88
 Benzo(b)fluoranthene
 Concen: 44.503 ng
 RT: 14.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BF121098.D
 Acq: 29 Jul 2020 13:07

Tgt Ion:252 Resp: 1115130
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.9 26.9
 125 10.4 8.1 12.1





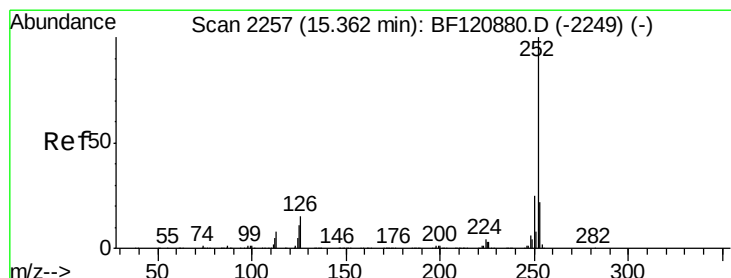
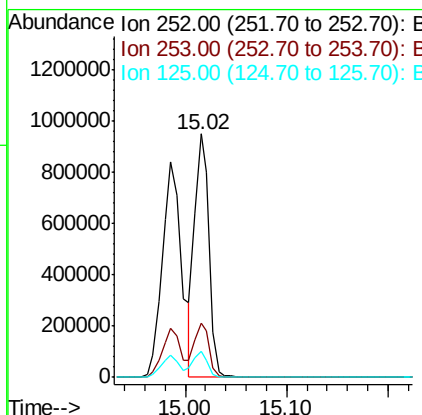
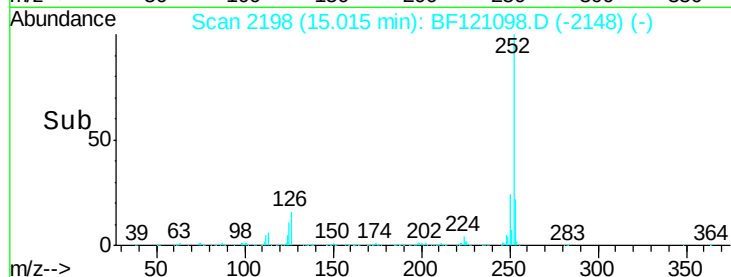
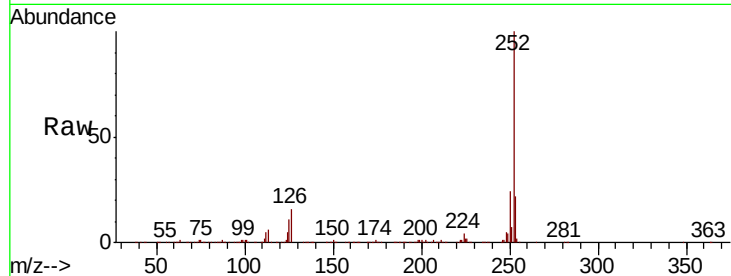
#89
Benzo(k)fluoranthene
Concen: 40.307 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.9	8.0	12.0

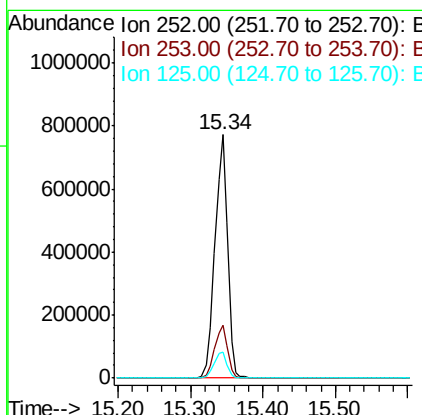
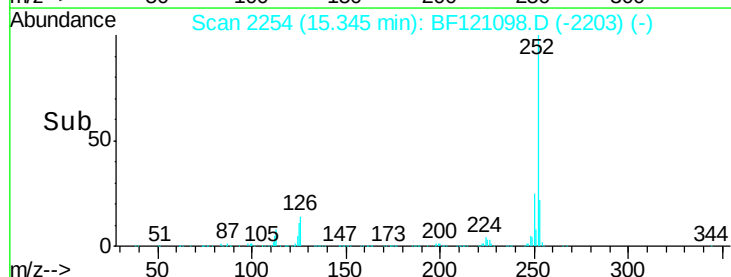
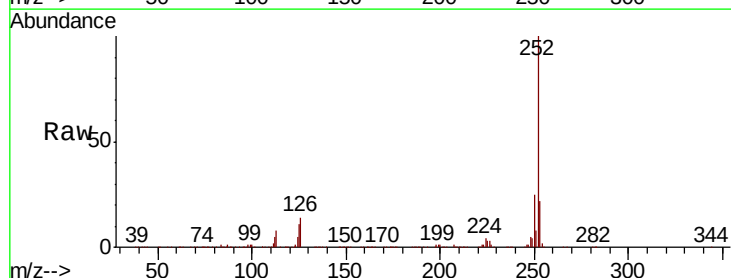
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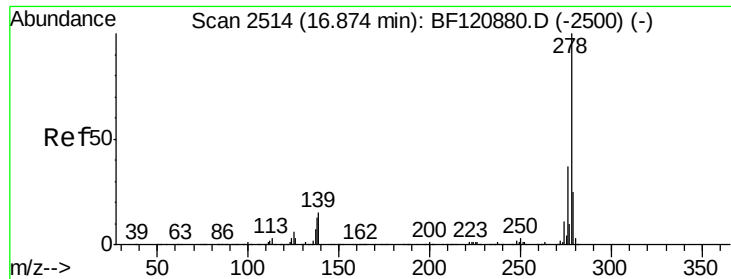
mohammad
7/30/2020 3:33:22 PM



#90
Benzo(a)pyrene
Concen: 41.136 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	9.5	14.3





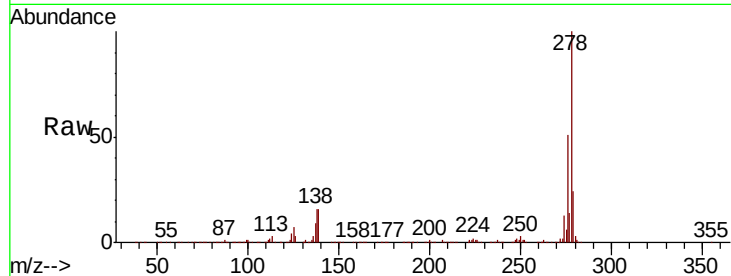
#91
Dibenzo(a,h)anthracene
Concen: 40.740 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :
PB130545BSD

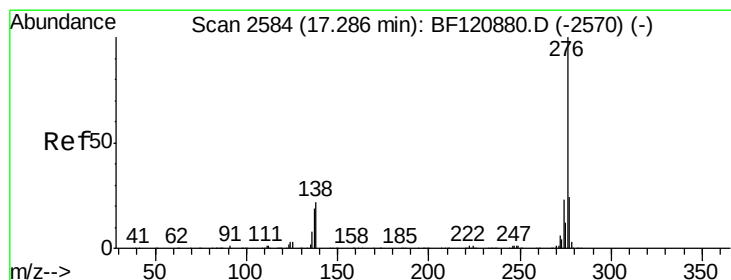
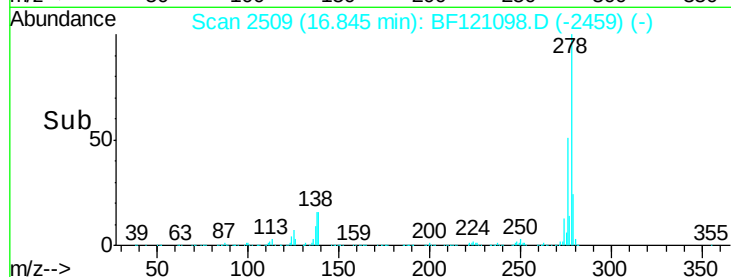
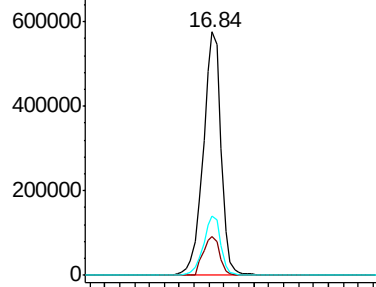
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	24.3	19.5	29.3

Manual Integrations
APPROVED

mohammad
7/30/2020 3:33:22 PM

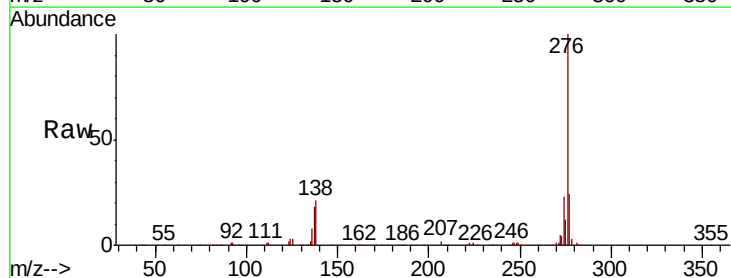


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.822 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF121098.D
Acq: 29 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	20.6	17.2	25.8



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

