

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121727.D
 Acq On : 29 Sep 2020 13:00
 Operator : JU/CG
 Sample : L4158-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Manual Integrations
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mohammad
 10/1/2020 11:45:05 AM

Quant Time: Sep 29 13:42:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	131958	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	509004	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	257088	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	469729	20.00	ng	0.00
76) Chrysene-d12	13.94	240	372764	20.00	ng	0.00
86) Perylene-d12	15.38	264	327011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	574936	64.75	ng	0.00
7) Phenol-d6	6.42	99	740086	63.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	499435	52.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	199926	62.57	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	876301	51.62	ng	0.00
79) Terphenyl-d14	12.89	244	831270	45.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	150991	37.014	ng	99
3) Pyridine	3.30	79	425054	37.691	ng	99
4) n-Nitrosodimethylamine	3.25	42	205458	39.278	ng	100
6) Aniline	6.45	93	259996	17.137	ng	100
8) 2-Chlorophenol	6.57	128	377811	41.791	ng	99
9) Benzaldehyde	6.33	77	118593	15.573	ng	94
10) Phenol	6.43	94	482909	38.929	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	367478	39.305	ng	99
12) 1,3-Dichlorobenzene	6.72	146	403106	39.949	ng	99
13) 1,4-Dichlorobenzene	6.80	146	406195	40.091	ng	99
14) 1,2-Dichlorobenzene	6.95	146	384951	41.243	ng	99
15) Benzyl Alcohol	6.93	79	333487	42.118	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	581645	38.660	ng	100
17) 2-Methylphenol	7.05	107	312550	40.632	ng	98
18) Hexachloroethane	7.29	117	147839	40.751	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	260190	38.755	ng	97
20) 3+4-Methylphenols	7.20	107	374594	40.532	ng	94
22) Acetophenone	7.19	105	495522	38.370	ng	98
24) Nitrobenzene	7.37	77	412169	40.199	ng	99
25) Isophorone	7.61	82	730692	38.289	ng	99
26) 2-Nitrophenol	7.69	139	193983	40.604	ng	92
27) 2,4-Dimethylphenol	7.73	122	329127	38.637	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	459648	38.907	ng	100
29) 2,4-Dichlorophenol	7.93	162	303805	39.157	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	327128	40.033	ng	99
31) Naphthalene	8.09	128	1054539	39.247	ng	99
32) Benzoic acid	7.86	122	17250m	9.258	ng	
33) 4-Chloroaniline	8.14	127	171261	14.704	ng	100
34) Hexachlorobutadiene	8.20	225	192680	40.173	ng	99
35) Caprolactam	8.51	113	89994m	34.831	ng	
36) 4-Chloro-3-methylphenol	8.63	107	329317	39.401	ng	99
37) 2-Methylnaphthalene	8.78	142	694372	39.434	ng	100
38) 1-Methylnaphthalene	8.88	142	640654	39.093	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	323114	40.235	ng	98

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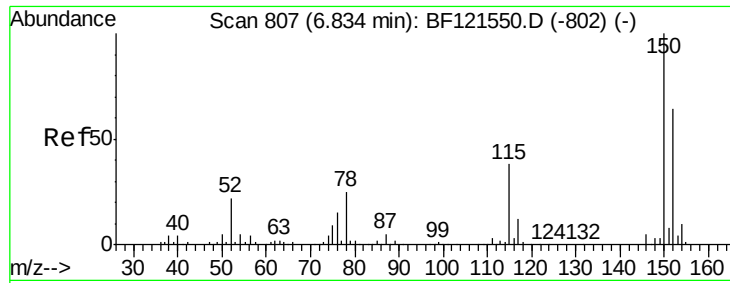
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	290601	63.366	nq	98
43) 2,4,6-Trichlorophenol	9.06	196	211845	38.702	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	222995	38.536	nq	95
46) 1,1'-Biphenyl	9.25	154	815790	39.637	nq	99
47) 2-Chloronaphthalene	9.27	162	642232	39.598	nq	99
48) 2-Nitroaniline	9.37	65	217001	43.056	nq	93
49) Acenaphthylene	9.69	152	1004411	40.306	nq	99
50) Dimethylphthalate	9.55	163	844667	45.331	nq	98
51) 2,6-Dinitrotoluene	9.61	165	168422	42.442	nq	94
52) Acenaphthene	9.86	154	585832	37.220	nq	99
53) 3-Nitroaniline	9.77	138	108431	23.587	nq	93
54) 2,4-Dinitrophenol	9.89	184	52326	29.324	nq	95
55) Dibenzofuran	10.03	168	883154	39.844	nq	99
56) 4-Nitrophenol	9.95	139	246323	67.189	nq	97
57) 2,4-Dinitrotoluene	10.02	165	217109	43.488	nq	99
58) Fluorene	10.37	166	683248	40.308	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	166669	35.428	nq	99
60) Diethylphthalate	10.25	149	719516	39.605	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	323216	39.805	nq	97
62) 4-Nitroaniline	10.39	138	177079	38.796	nq	98
63) Azobenzene	10.52	77	751438	38.841	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	69250	27.447	nq	99
66) n-Nitrosodiphenylamine	10.48	169	632303	39.236	nq	99
67) 4-Bromophenyl-phenylether	10.85	248	214164	40.045	nq	95
68) Hexachlorobenzene	10.92	284	242479	40.176	nq	94
69) Atrazine	11.01	200	152809	38.167	nq	99
70) Pentachlorophenol	11.12	266	158756	47.896	nq	98
71) Phenanthrene	11.33	178	1014514	39.641	nq	99
72) Anthracene	11.38	178	1042356	39.467	nq	99
73) Carbazole	11.54	167	949168	39.826	nq	99
74) Di-n-butylphthalate	11.87	149	1074336	39.056	nq	99
75) Fluoranthene	12.52	202	1079219	39.503	nq	99
77) Benzidine	12.64	184	420892	34.059	nq	100
78) Pyrene	12.74	202	1101765	40.454	nq	99
80) Butylbenzylphthalate	13.36	149	443512	40.265	nq	93
81) Benzo(a)anthracene	13.93	228	941077	39.905	nq	100
82) 3,3'-Dichlorobenzidine	13.89	252	101611	11.037	nq	98
83) Chrysene	13.97	228	953096	39.911	nq	98
84) Bis(2-ethylhexyl)phthalate	13.92	149	570935	38.800	nq	# 96
85) Di-n-octyl phthalate	14.53	149	966415	37.214	nq	100
87) Indeno(1,2,3-cd)pyrene	16.81	276	903780	42.439	nq	100
88) Benzo(b)fluoranthene	14.97	252	871042	39.844	nq	98
89) Benzo(k)fluoranthene	15.00	252	866937	43.306	nq	98
90) Benzo(a)pyrene	15.33	252	777629	41.847	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	736870	41.567	nq	100
92) Benzo(g,h,i)perylene	17.24	276	767131	44.023	nq	99

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



#1

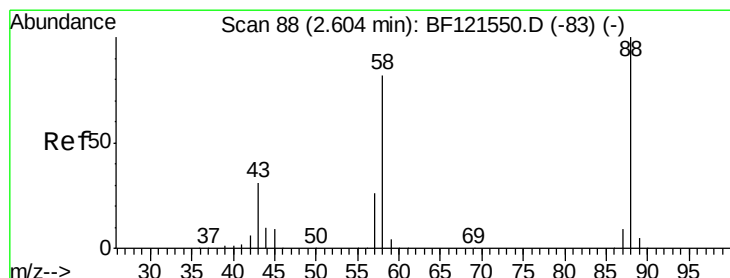
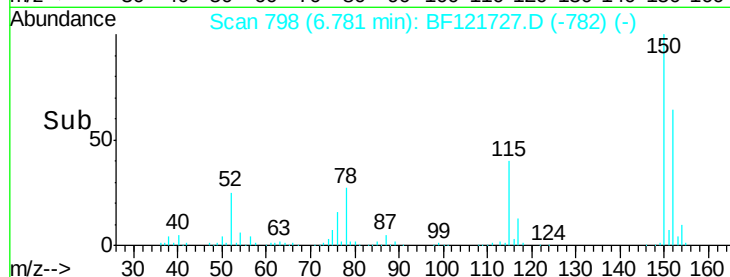
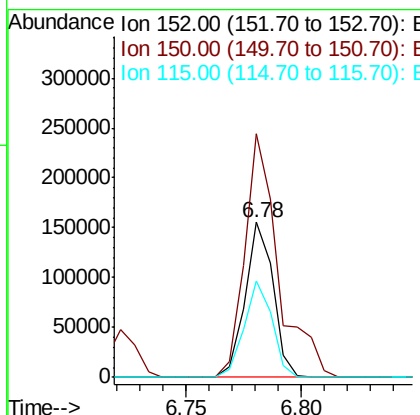
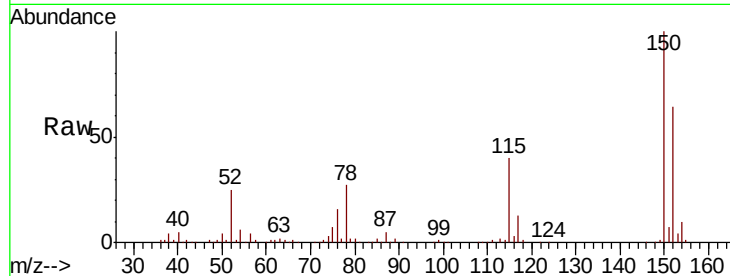
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.8	188.8
115	62.0	49.6	74.4

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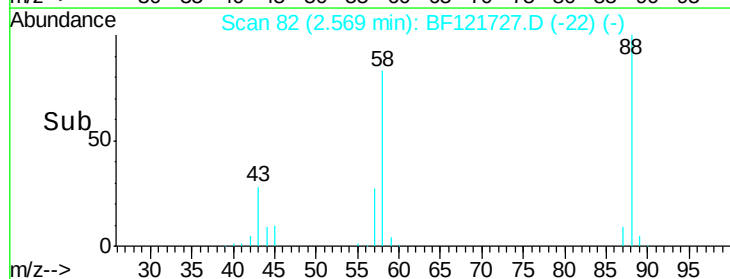
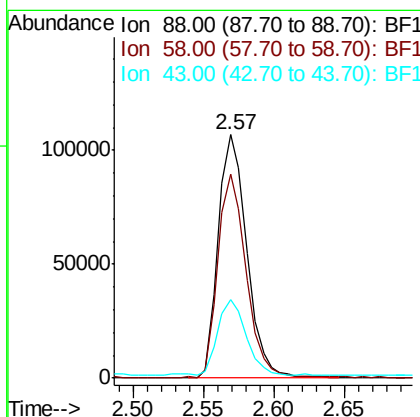
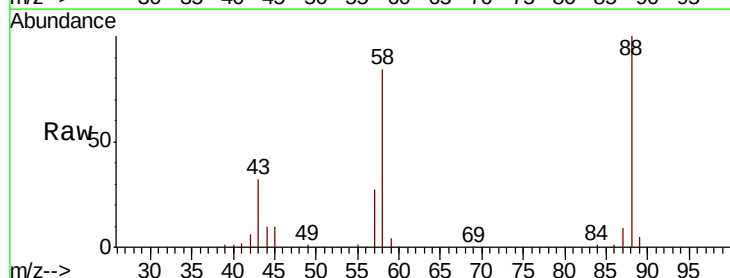
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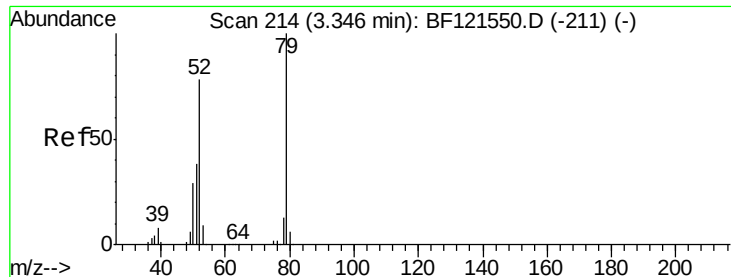


#2

1,4-Dioxane
Concen: 37.014 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	65.3	97.9
43	30.5	25.1	37.7





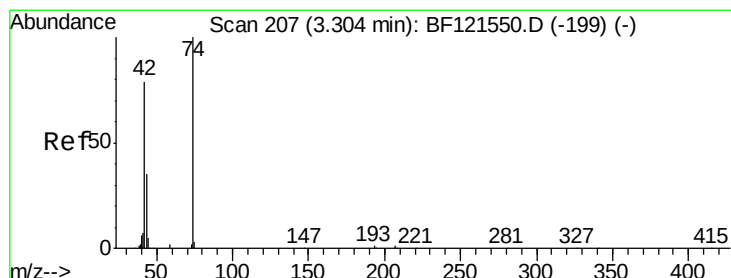
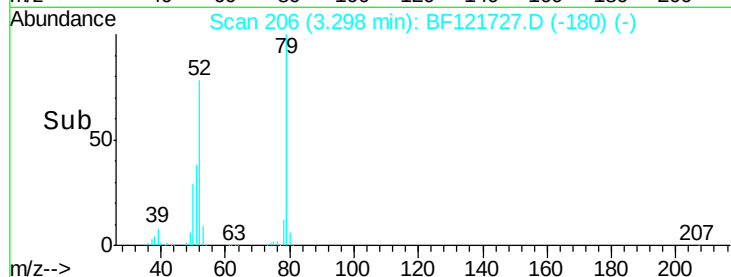
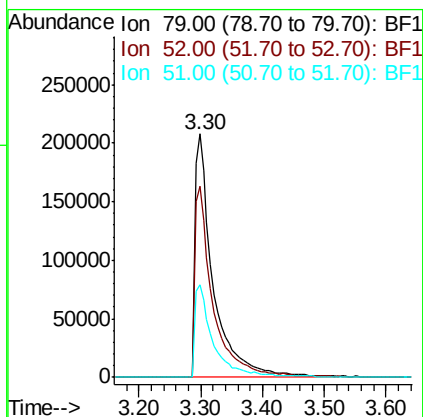
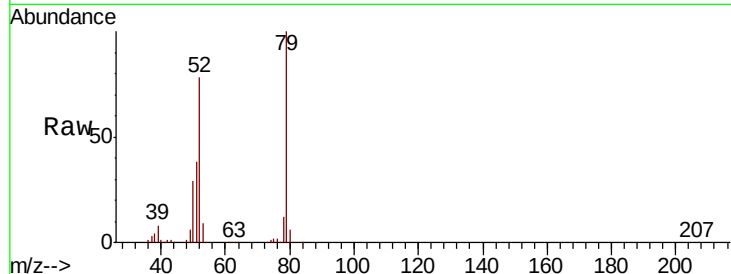
#3
 Pvridine
 Concen: 37.691 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.05 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.4	62.2	93.2
51	38.2	30.9	46.3

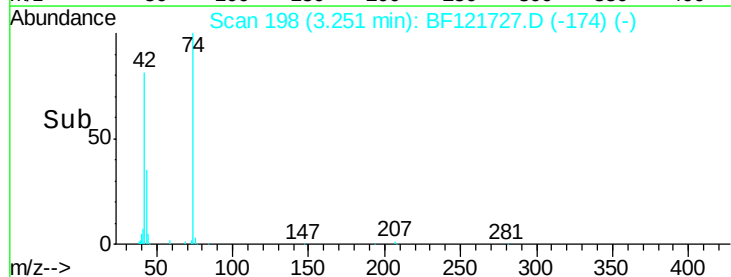
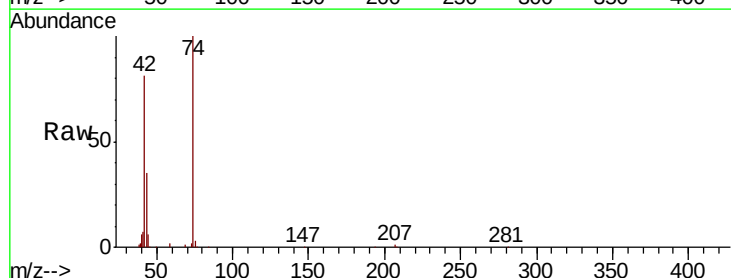
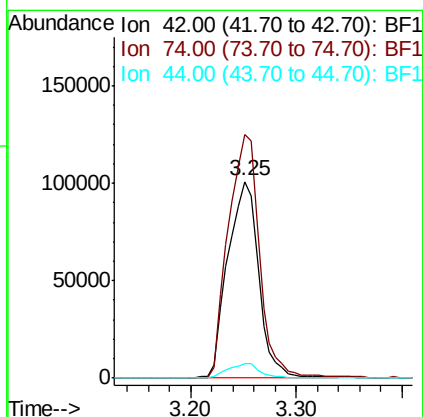
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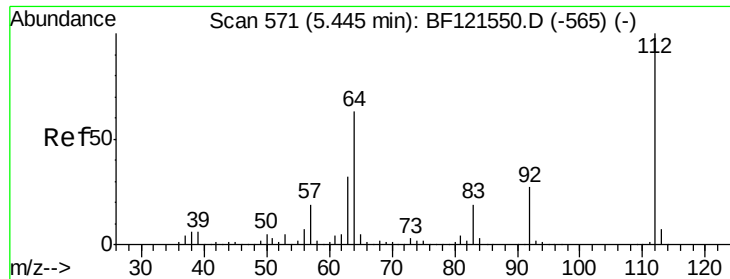
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#4
 n-Nitrosodimethylamine
 Concen: 39.278 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.04 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.7	98.9	148.3
44	7.1	5.3	7.9





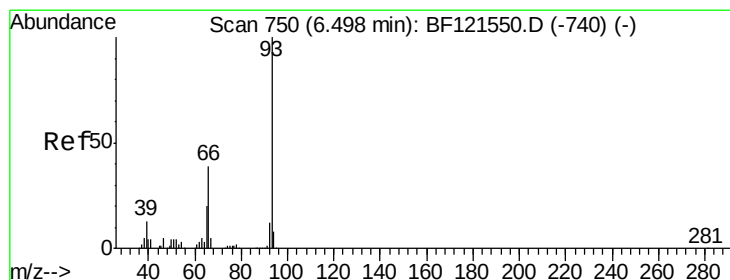
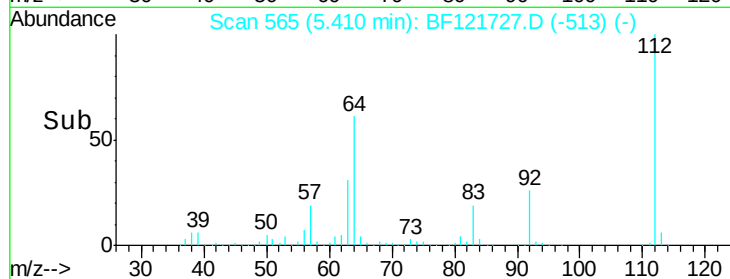
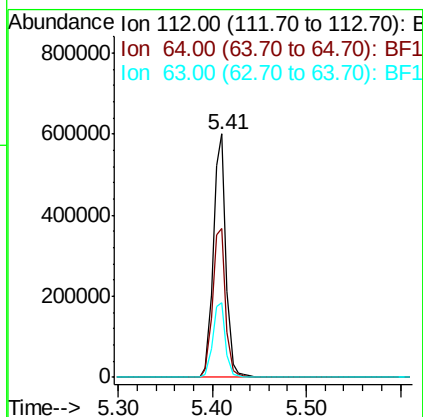
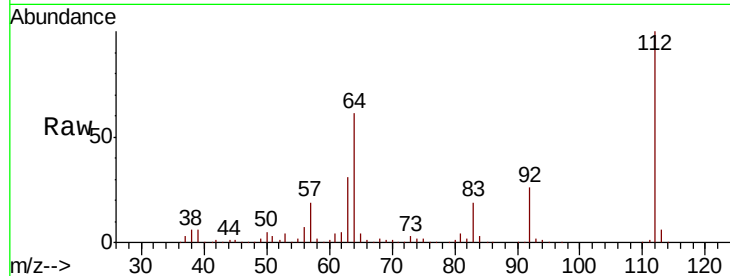
#5
2-Fluorophenol
Concen: 64.750 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion:	112	Resp:	574936
Ion Ratio	Lower	Upper	
112	100		
64	61.0	51.2	76.8
63	30.9	25.9	38.9

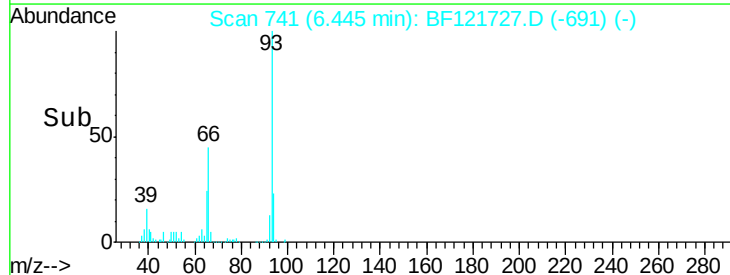
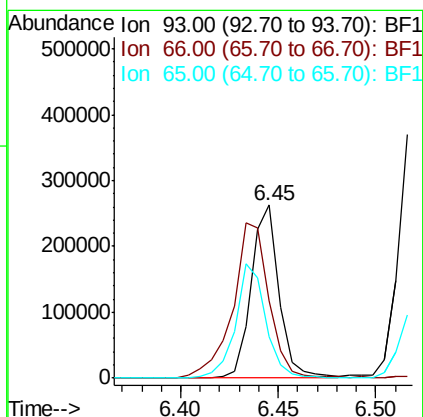
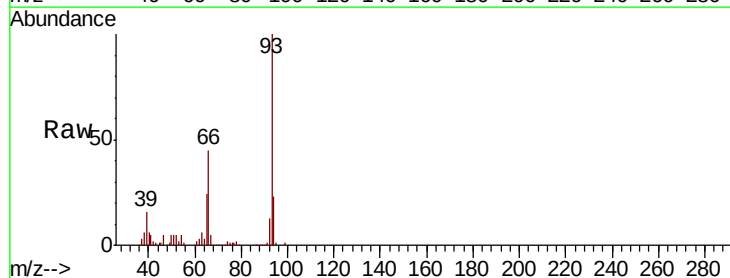
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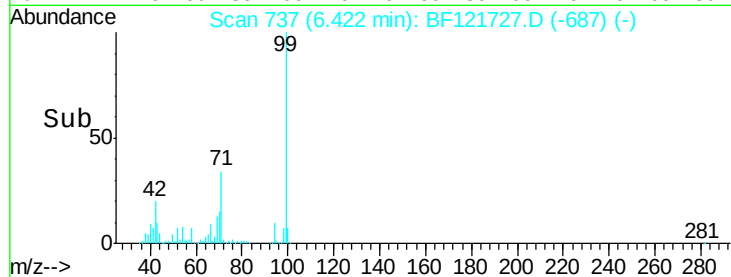
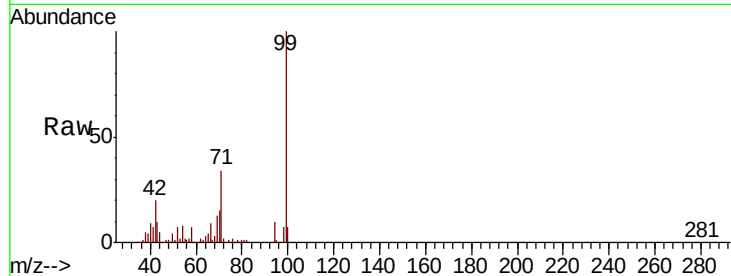
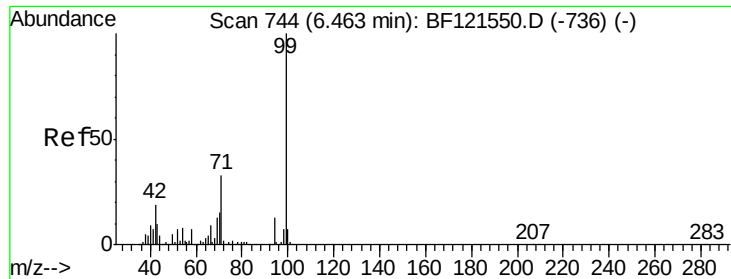
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#6
Aniline
Concen: 17.137 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion:	93	Resp:	259996
Ion Ratio	Lower	Upper	
93	100		
66	44.8	35.8	53.6
65	23.7	18.7	28.1





#7

Phenol-d6

Concen: 63.531 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tot Ion:	99	Resp:	740086
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.5	24.7
71	34.1	27.8	41.6

Instrument :

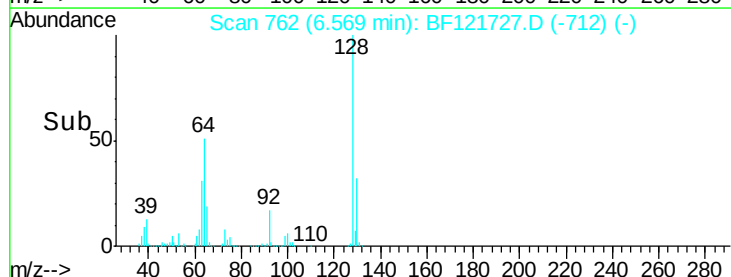
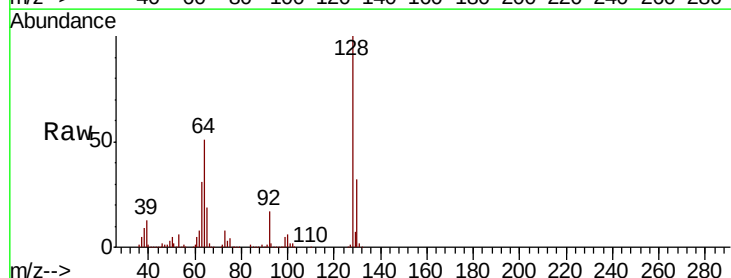
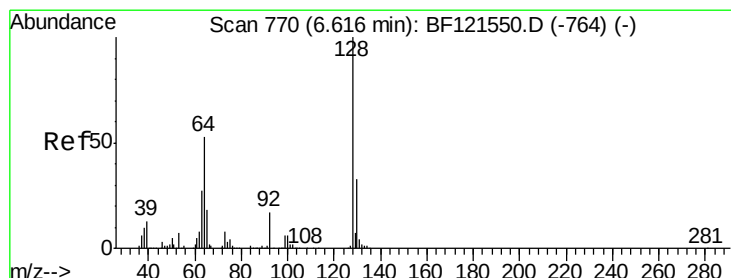
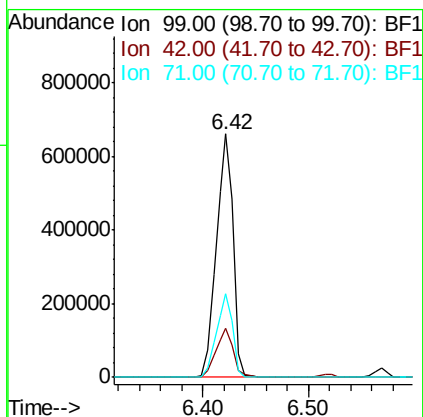
BNA_F

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#8

2-Chlorophenol

Concen: 41.791 ng

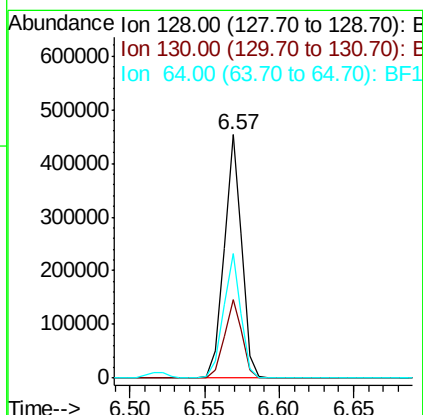
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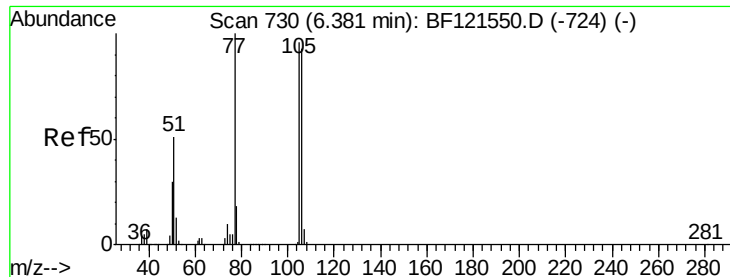
Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tgt Ion:	128	Resp:	377811
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	51.1	31.9	71.9





#9

Benzaldehyde

Concen: 15.573 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

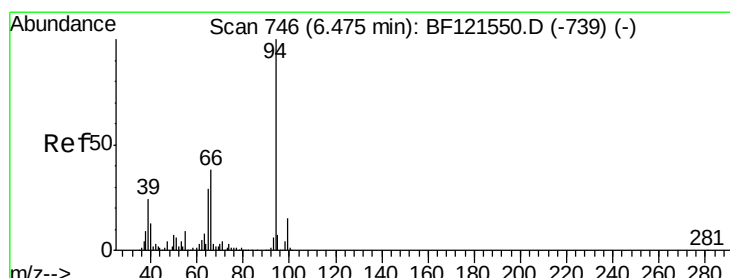
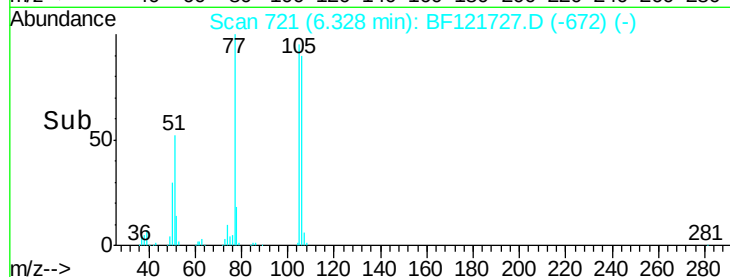
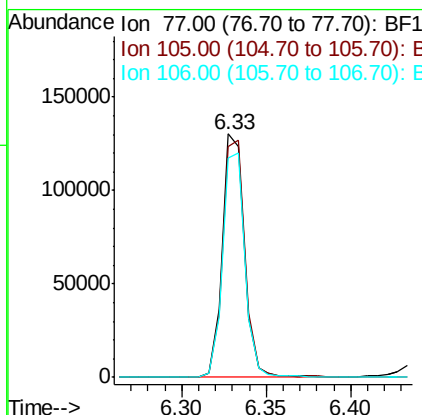
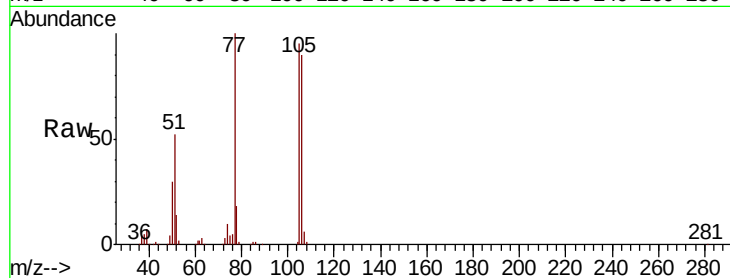
ClientSampleId :

SP-1-IMS

Tot Ion:	77	Resp:	118593
Ion Ratio	Lower	Upper	
77	100		
105	94.9	80.8	120.8
106	90.2	75.4	115.4

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#10

Phenol

Concen: 38.929 ng

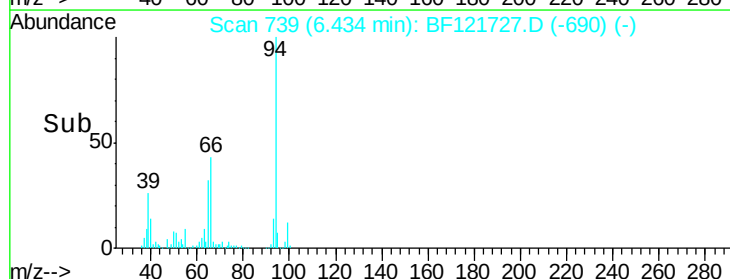
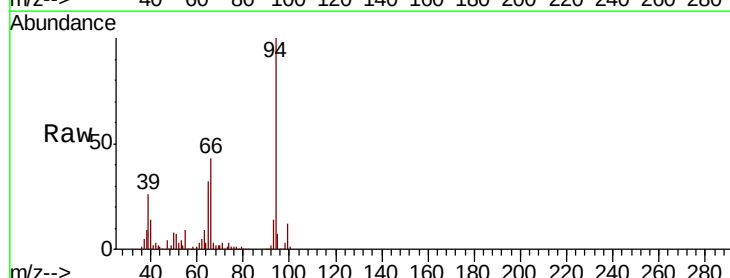
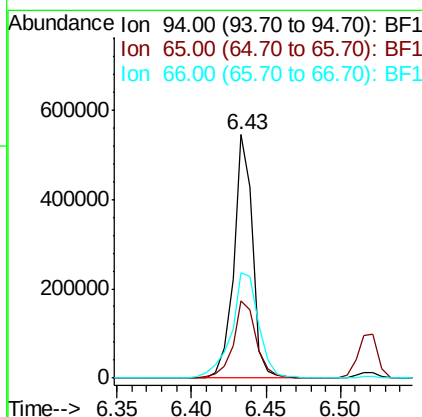
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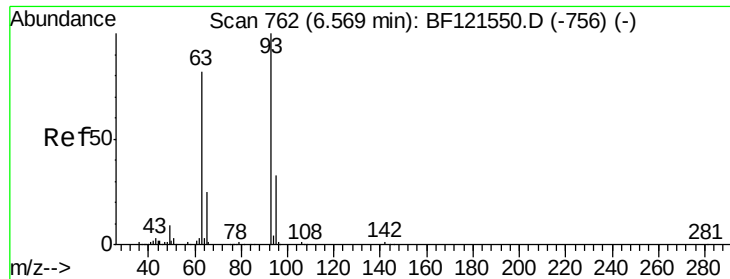
Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tgt Ion:	94	Resp:	482909
Ion Ratio	Lower	Upper	
94	100		
65	31.7	18.9	58.9
66	43.2	40.4	80.4





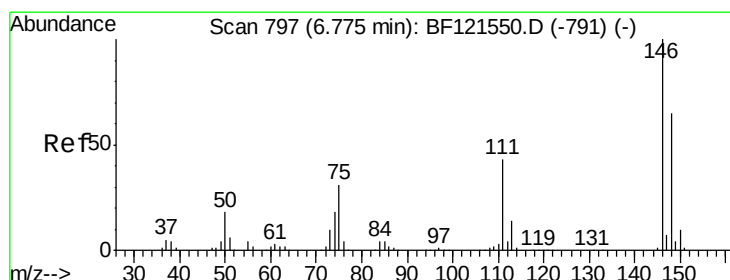
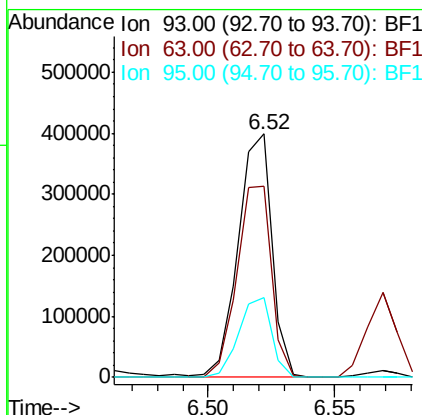
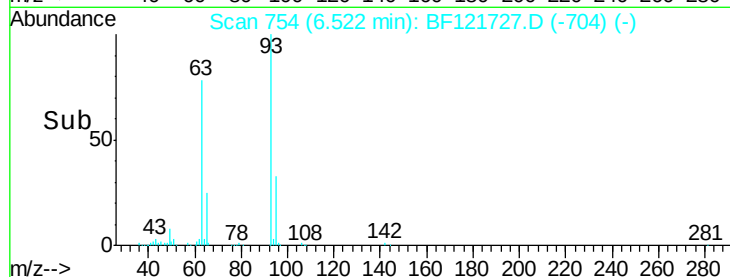
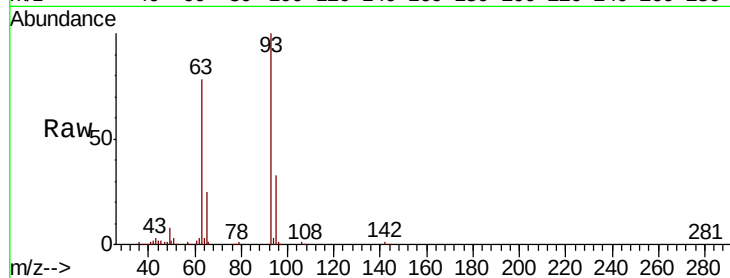
#11
bis(2-Chloroethyl)ether
Concen: 39.305 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	59.8	99.8
95	32.9	12.4	52.4

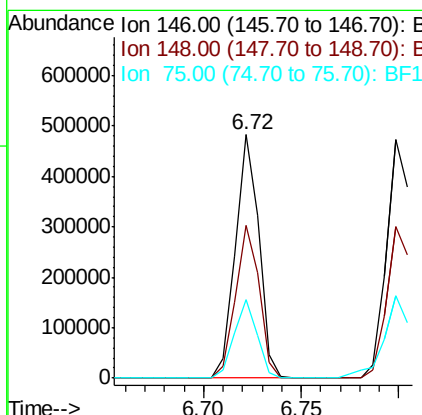
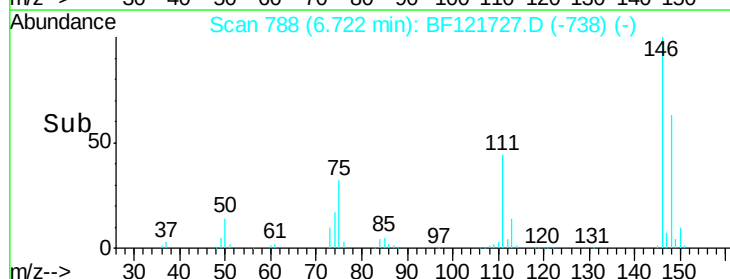
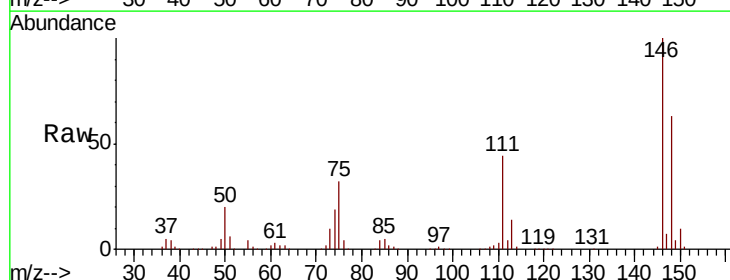
Manual Integrations
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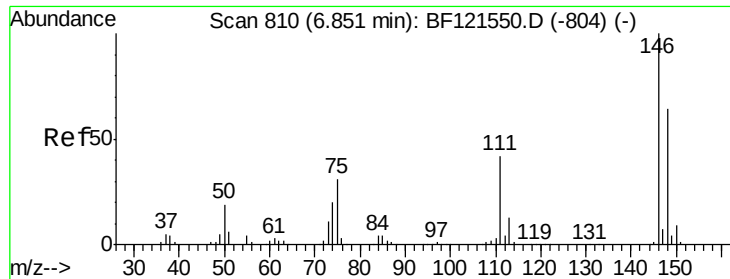
mohammad
10/1/2020 11:45:05 AM



#12
1,3-Dichlorobenzene
Concen: 39.949 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.9	76.3
75	32.4	25.3	37.9





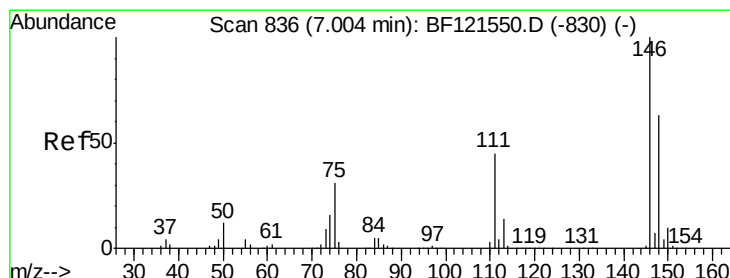
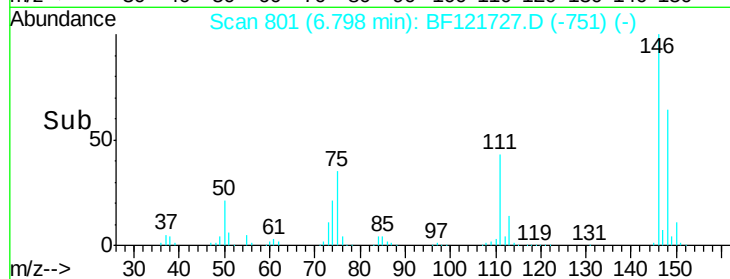
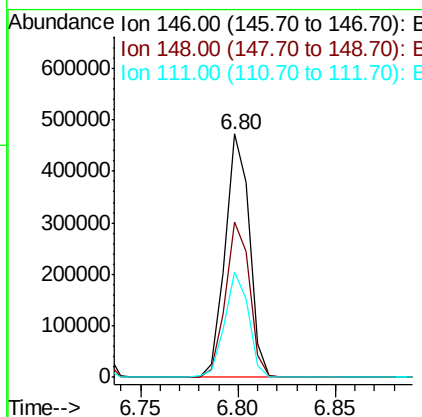
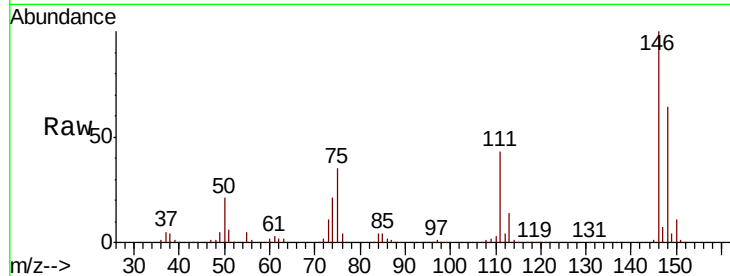
#13
 1,4-Dichlorobenzene
 Concen: 40.091 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	43.1	34.8	52.2

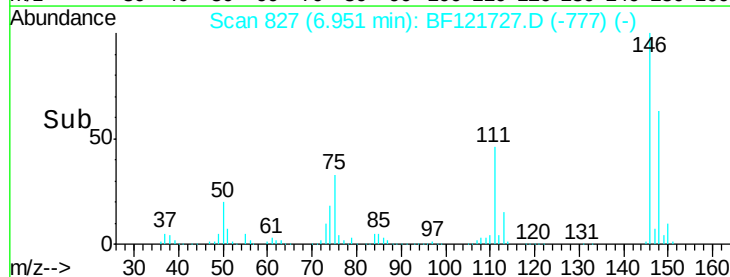
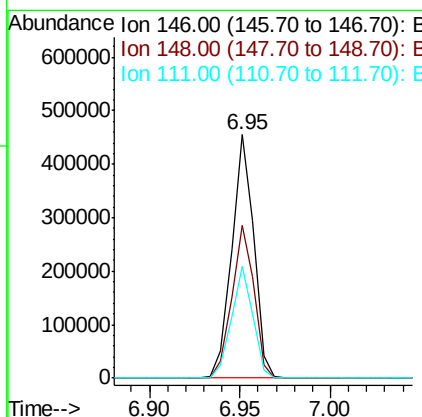
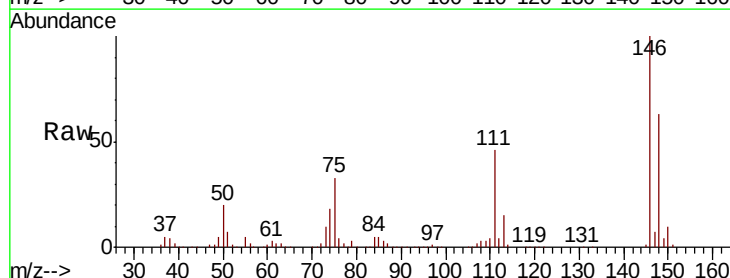
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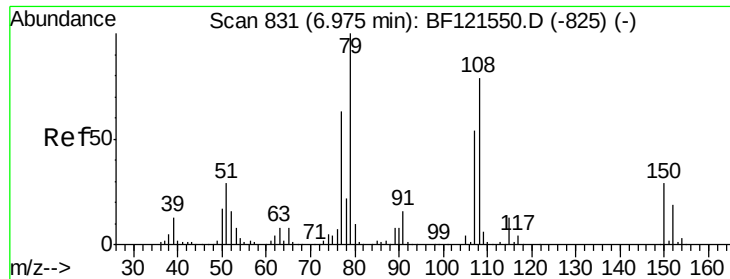
mohammad
 10/1/2020 11:45:05 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.243 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	45.8	36.6	54.8





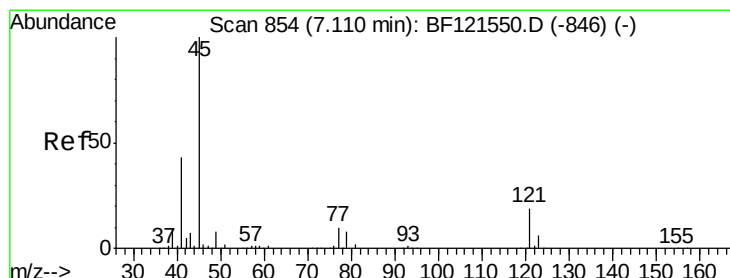
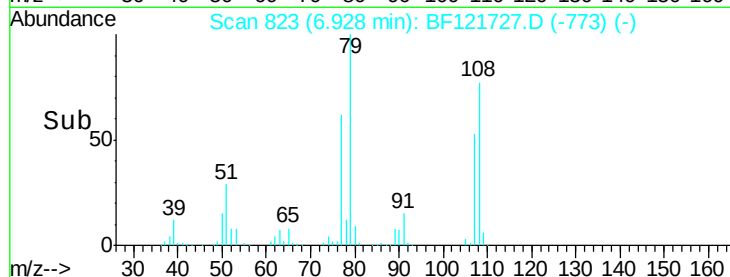
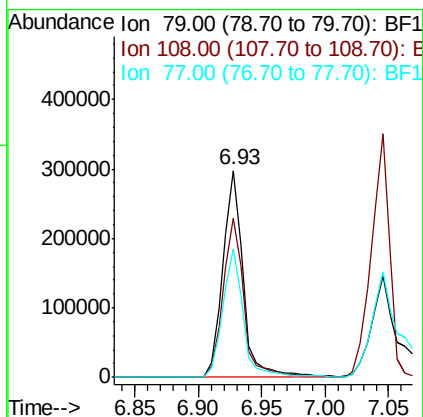
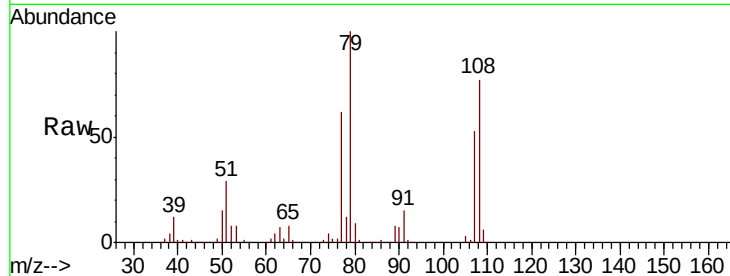
#15
Benzyl Alcohol
Concen: 42.118 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	60.2	90.2
77	61.9	51.0	76.4

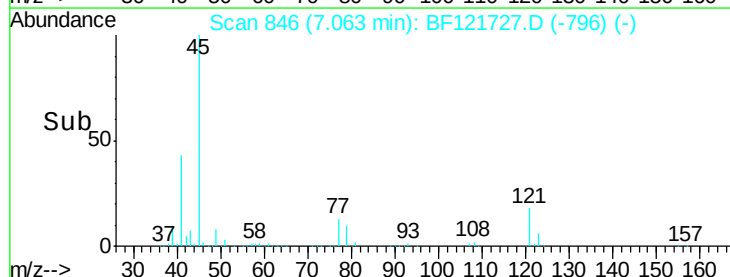
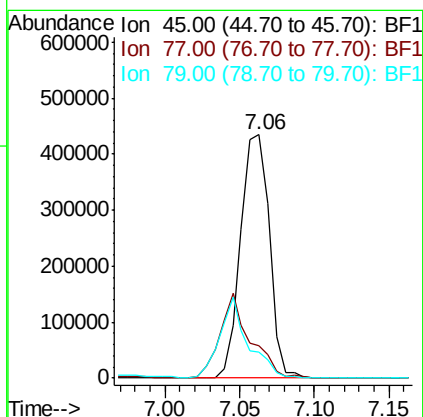
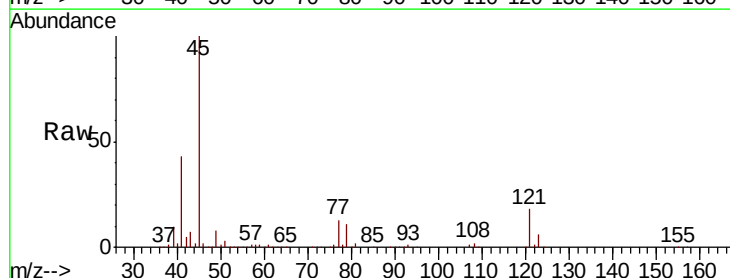
Manual Integrations
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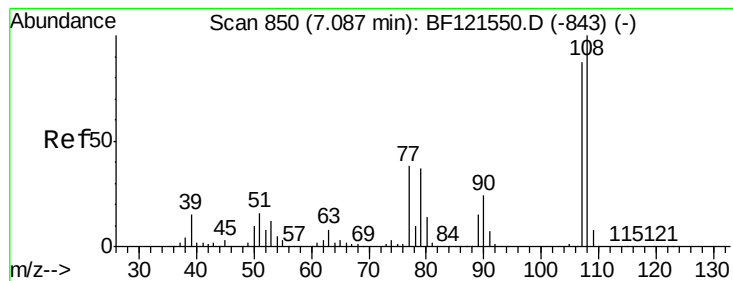
mohammad
10/1/2020 11:45:05 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.660 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.3
79	10.5	0.0	30.8





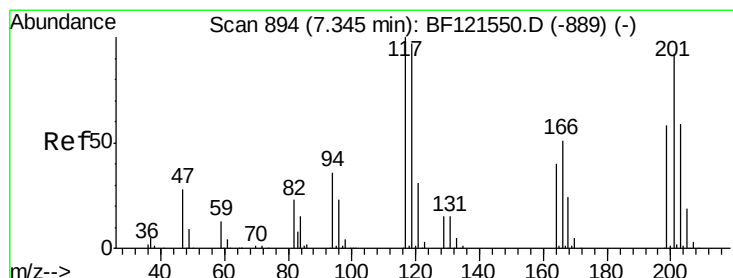
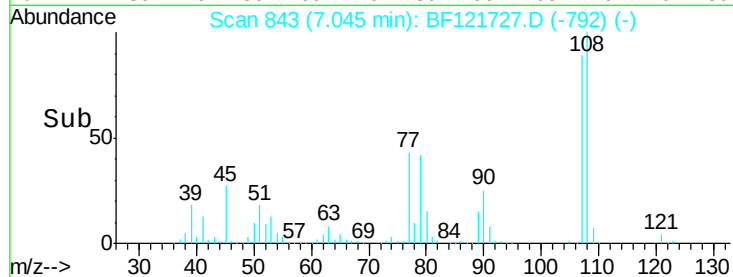
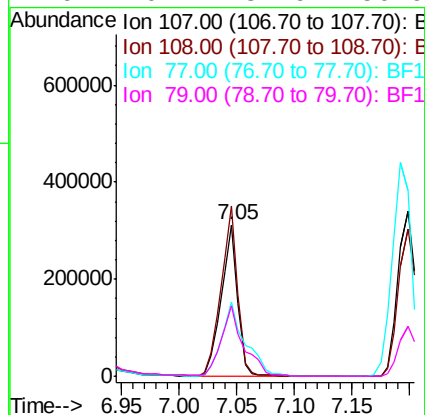
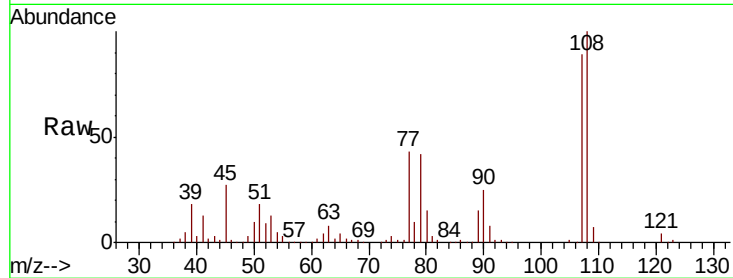
#17
2-Methylphenol
Concen: 40.632 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	48.8	38.4	57.6	
79	46.7	37.9	56.9	

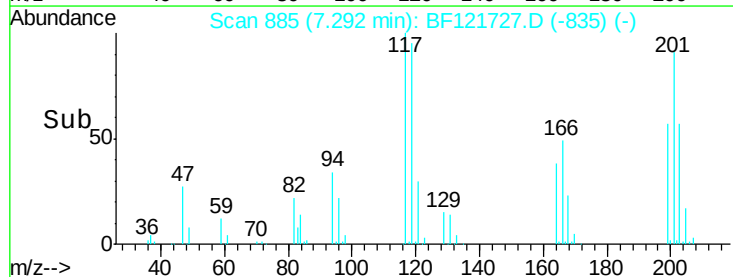
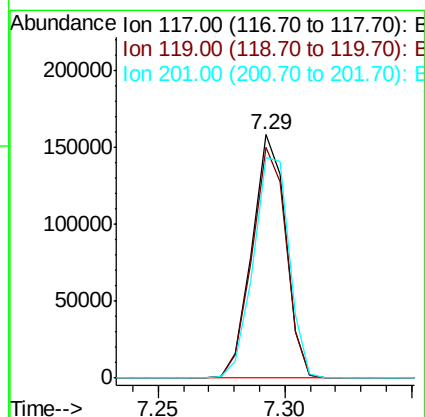
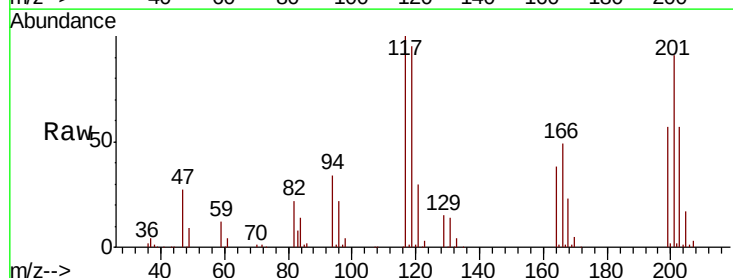
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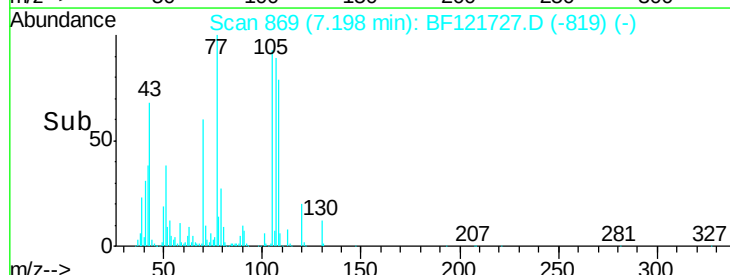
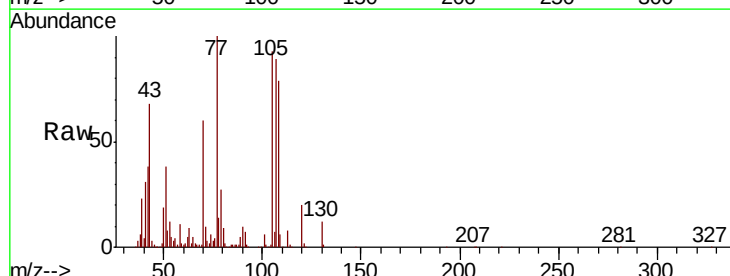
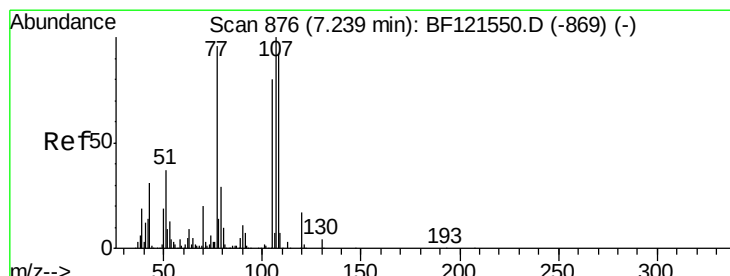
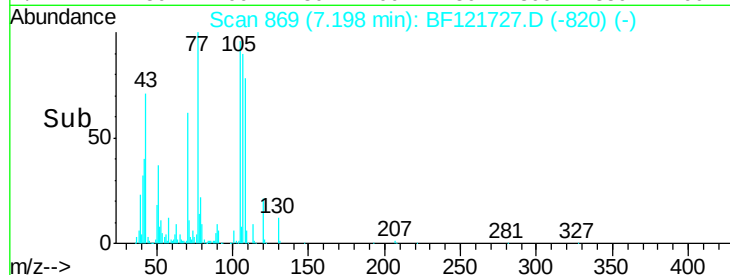
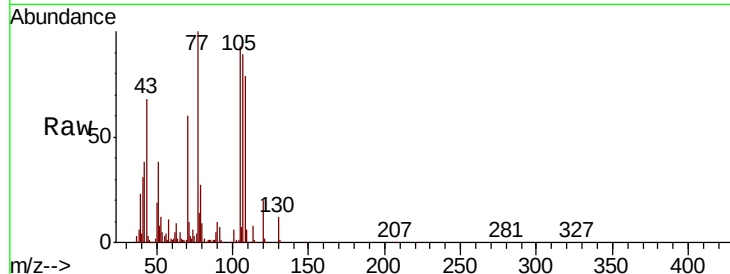
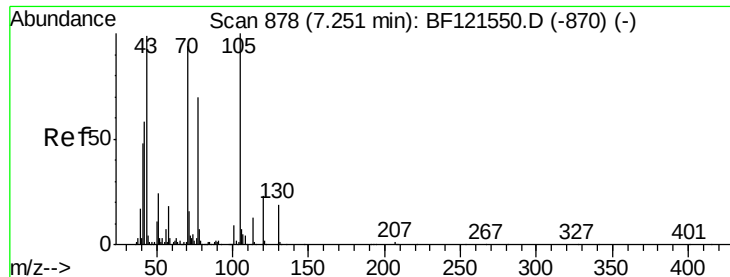
mohammad
10/1/2020 11:45:05 AM



#18
Hexachloroethane
Concen: 40.751 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	76.8	115.2	
201	90.6	77.4	116.0	





#19

n-Nitroso-di-n-propylamine

Concen: 38.755 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF121727.D

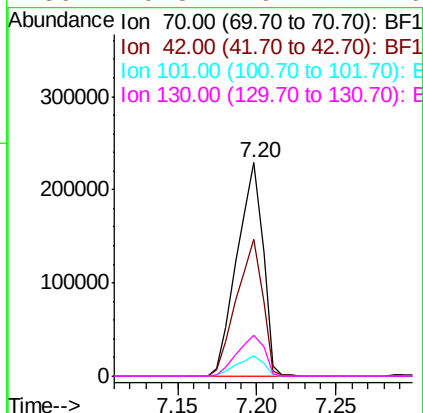
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	48.6	73.0	
101	9.4	7.5	11.3	
130	19.3	16.4	24.6	

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#20

3+4-Methylphenols

Concen: 40.532 ng

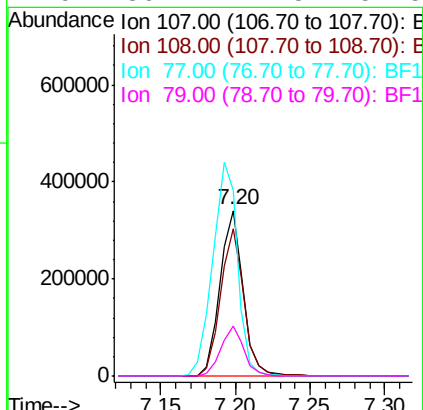
RT: 7.20 min Scan# 869

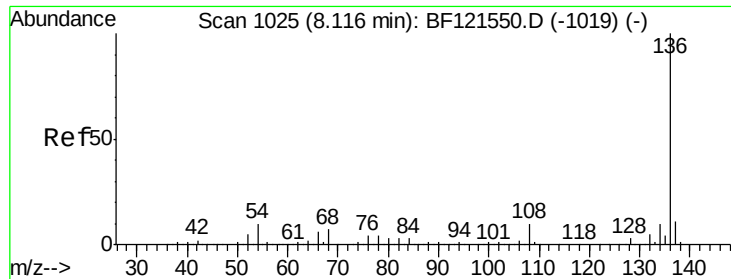
Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	71.6	111.6	
77	112.2	101.6	141.6	
79	30.4	12.5	52.5	





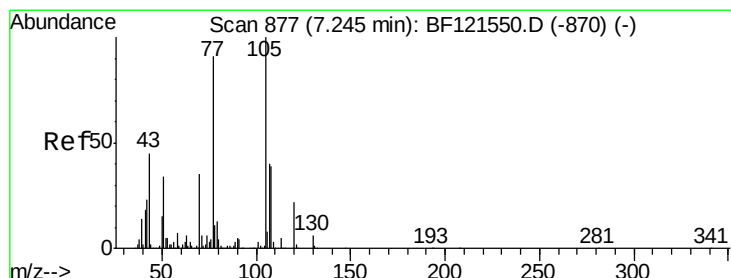
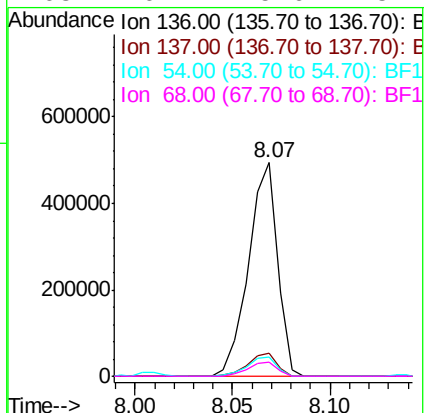
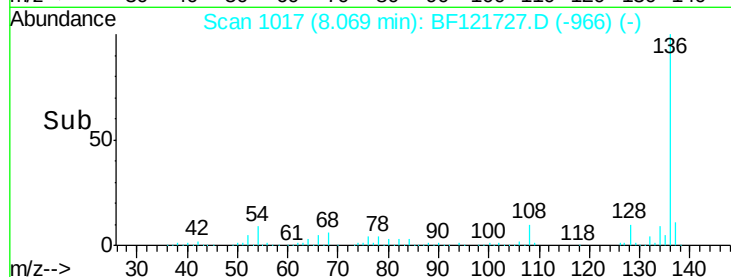
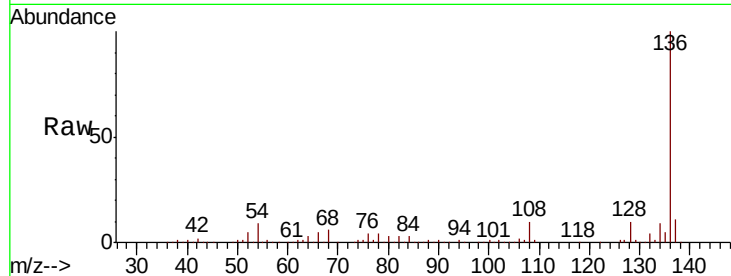
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	509004		
137	10.7		9.1	13.7
54	8.8		7.8	11.8
68	6.4		5.6	8.4

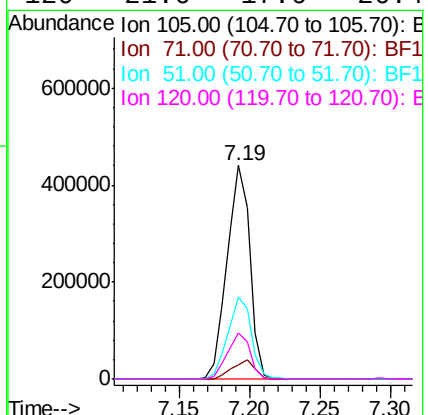
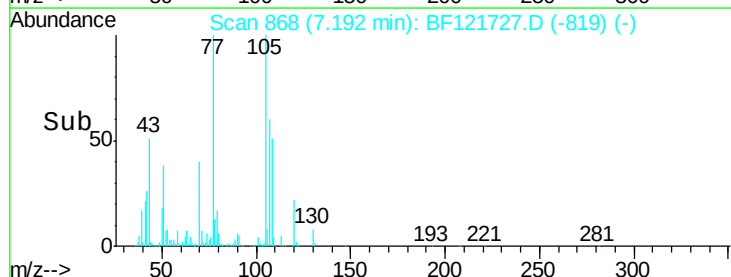
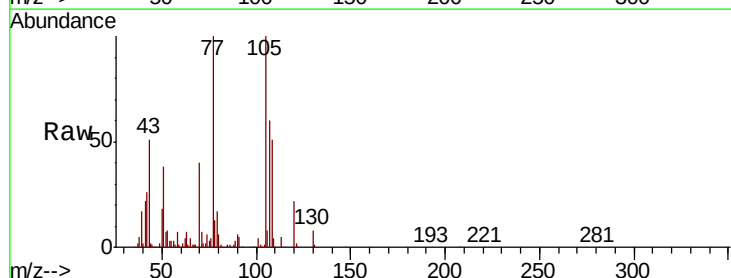
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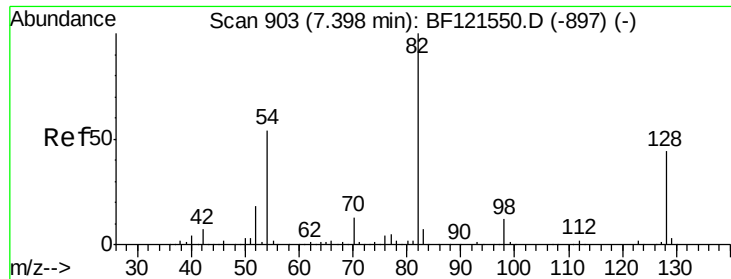
mohammad
10/1/2020 11:45:05 AM



#22
Acetophenone
Concen: 38.370 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495522		
71	6.9		5.8	8.8
51	38.3		31.9	47.9
120	21.6		17.6	26.4





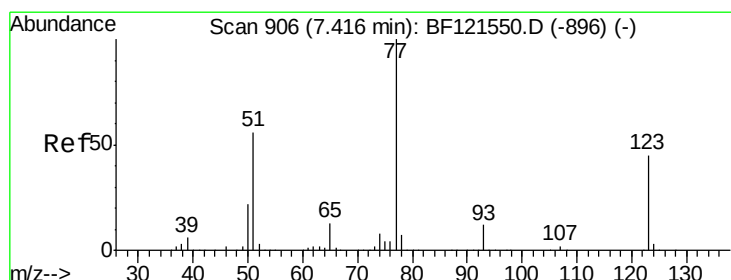
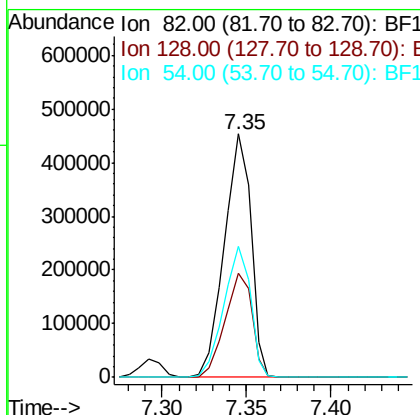
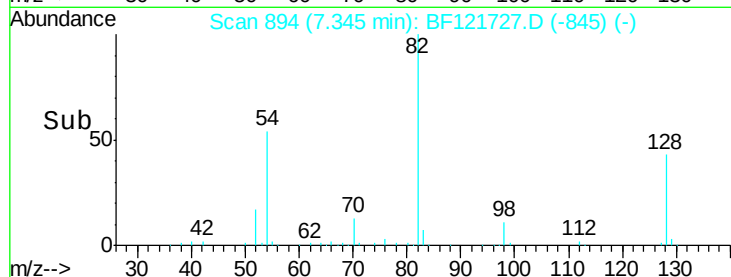
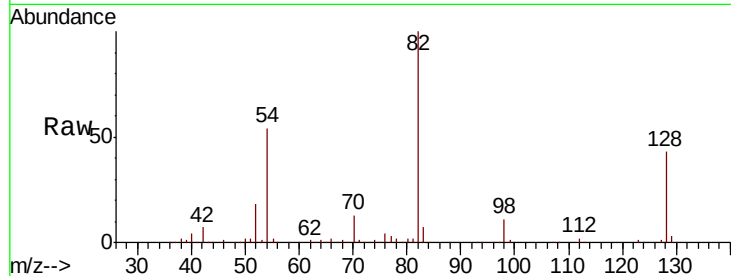
#23
 Nitrobenzene-d5
 Concen: 52.682 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleID :
 SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	499435		
128	42.7	35.0	52.4	
54	54.0	42.5	63.7	

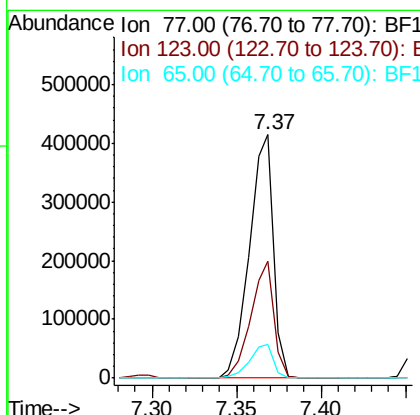
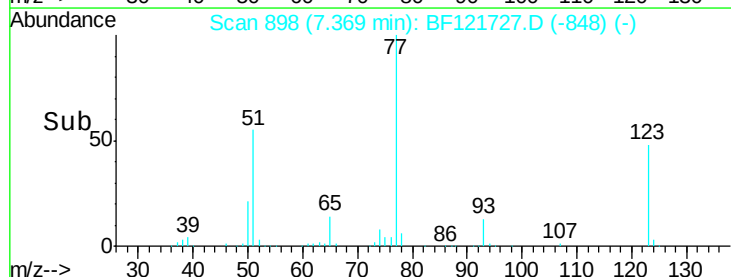
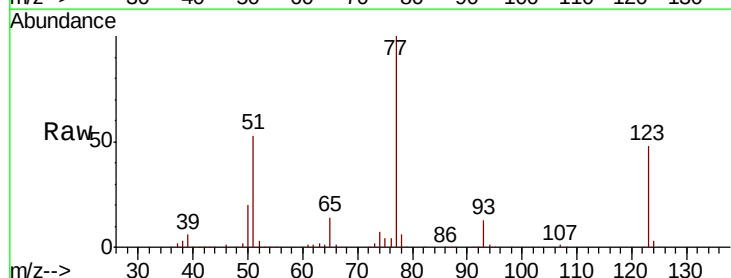
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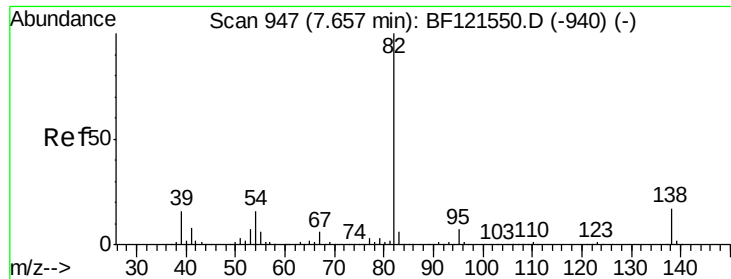
mohammad
 10/1/2020 11:45:05 AM



#24
 Nitrobenzene
 Concen: 40.199 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	412169		
123	47.9	37.6	56.4	
65	13.6	11.1	16.7	





#25

Isophorone

Concen: 38.289 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

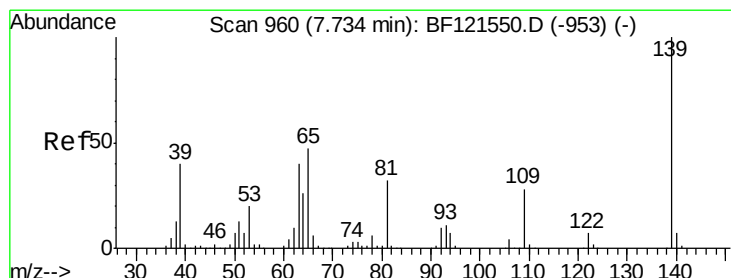
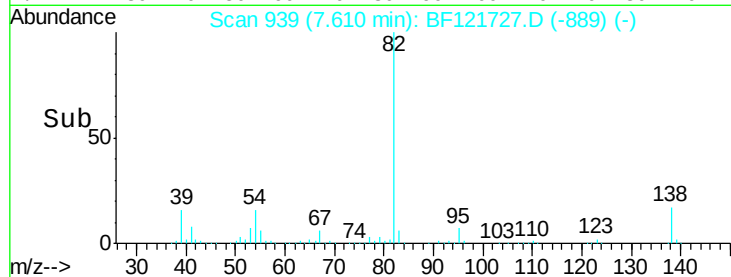
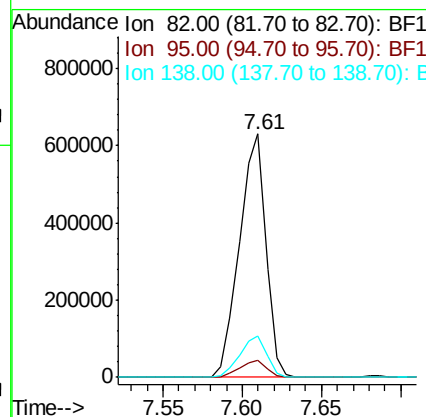
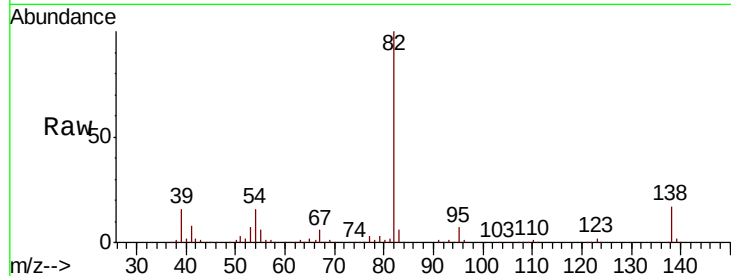
ClientSampleId :

SP-1-IMS

Tot Ion:	82	Resp:	730692
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.0	13.9	20.9

Manual Integrations
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mohammad
10/1/2020 11:45:05 AM



#26

2-Nitrophenol

Concen: 40.604 ng

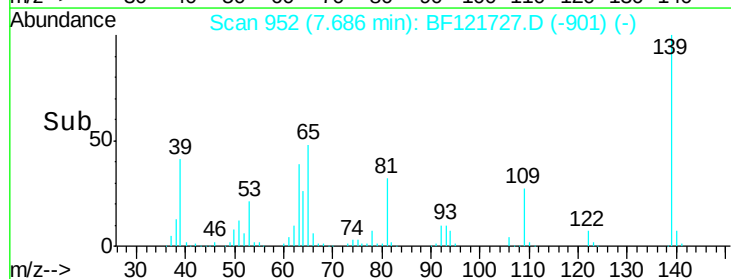
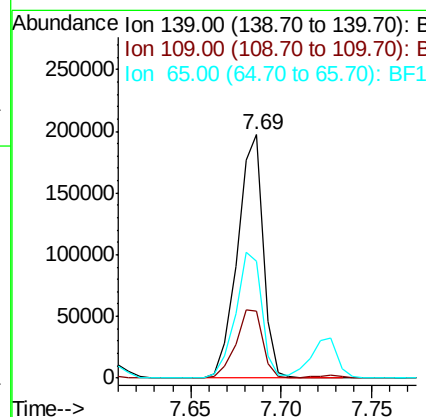
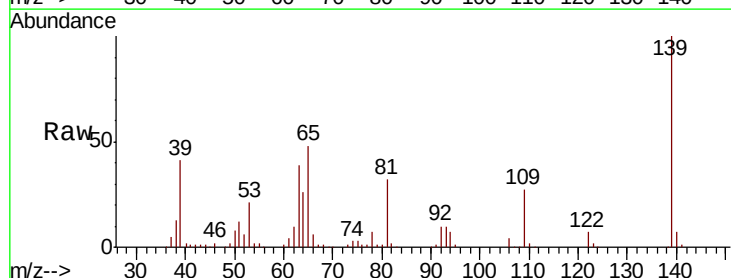
RT: 7.69 min Scan# 952

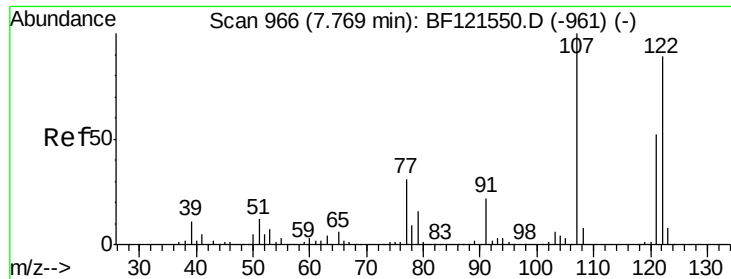
Delta R.T. 0.00 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tgt Ion:	139	Resp:	193983
Ion Ratio	Lower	Upper	
139	100		
109	27.4	24.1	36.1
65	48.2	43.8	65.8





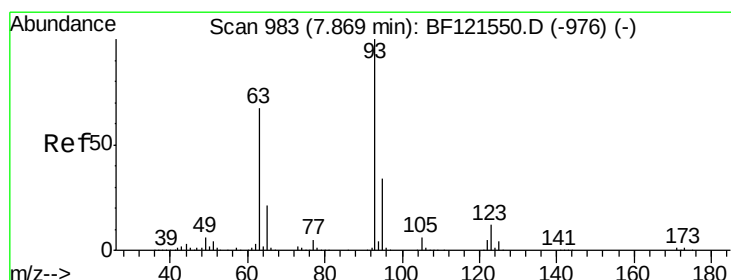
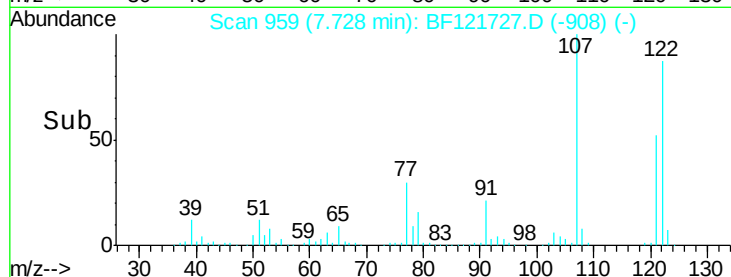
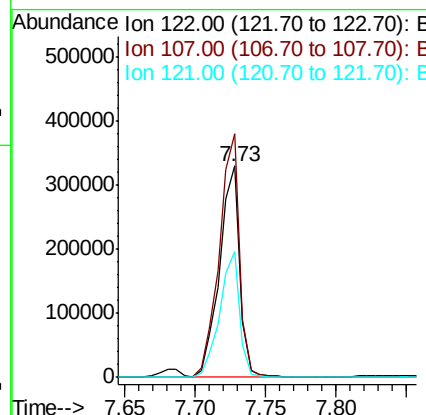
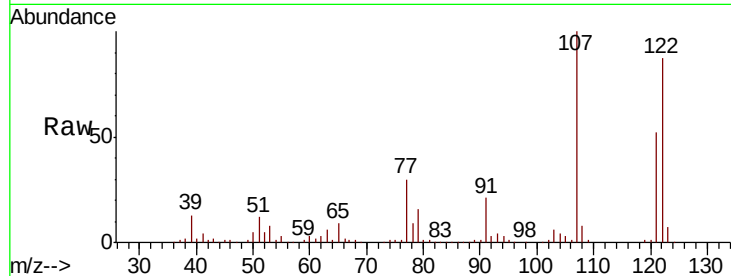
#27
 2,4-Dimethylphenol
 Concen: 38.637 ng
 RT: 7.73 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.3	138.5
121	59.3	46.8	70.2

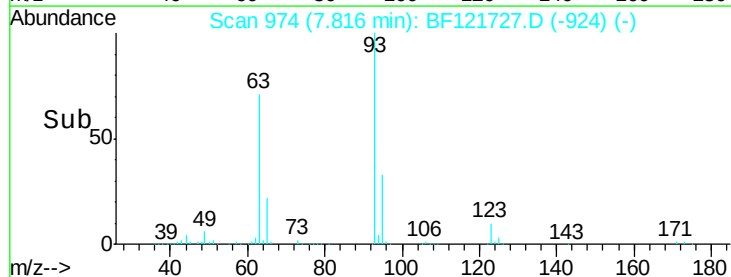
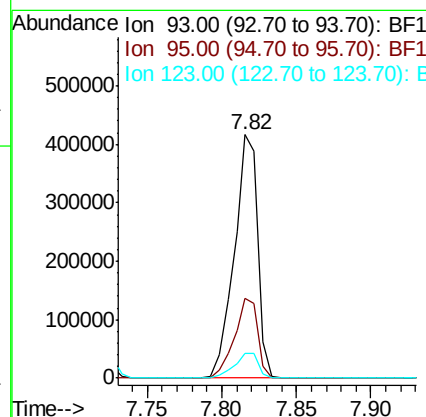
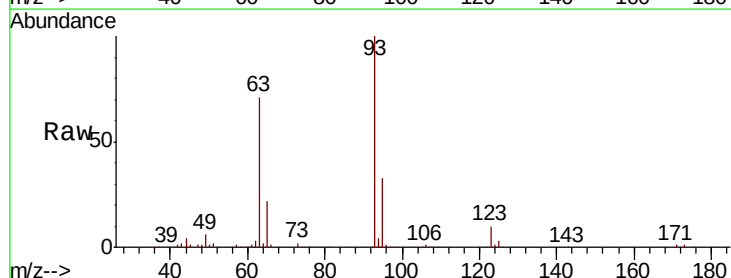
Manual Integrations
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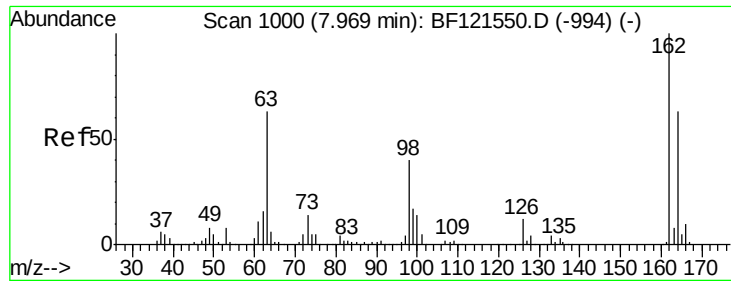
mohammad
 10/1/2020 11:45:05 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.907 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	10.4	8.7	13.1





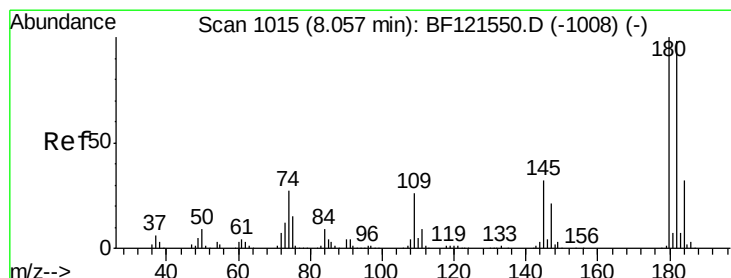
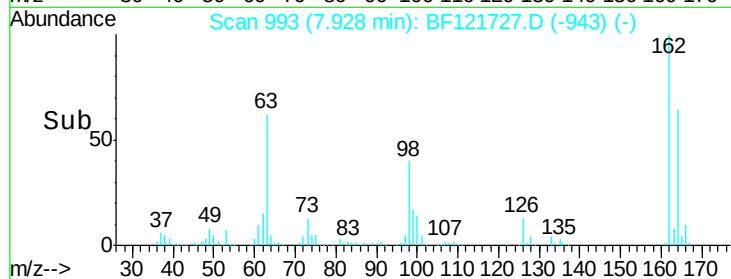
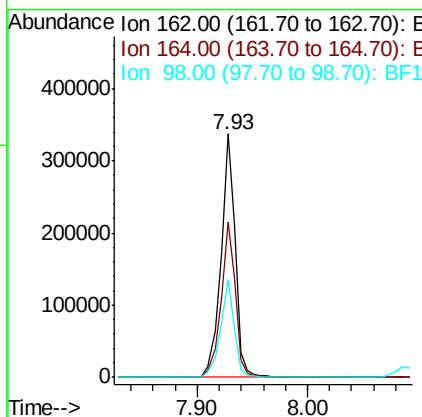
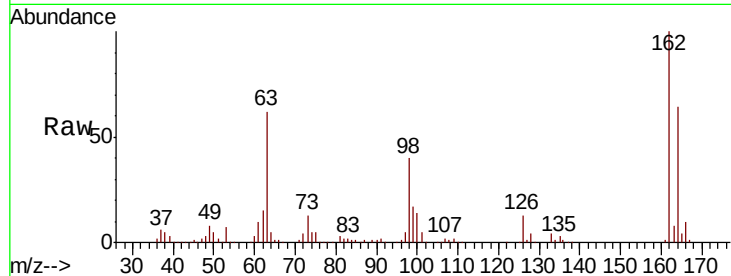
#29
2,4-Dichlorophenol
Concen: 39.157 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion:	162	Resp:	303805
Ion Ratio		Lower	Upper
162	100		
164	63.6	44.2	84.2
98	40.2	18.5	58.5

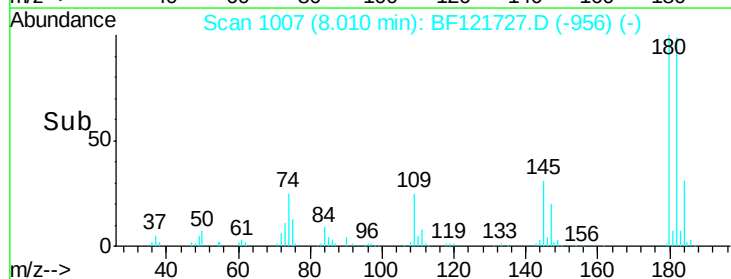
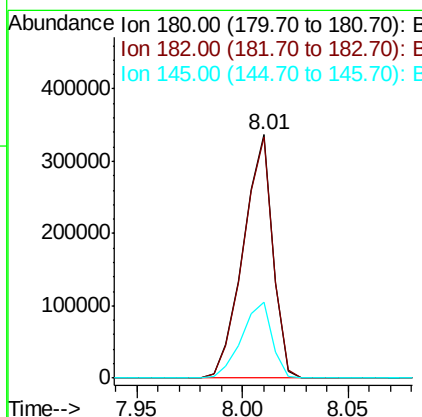
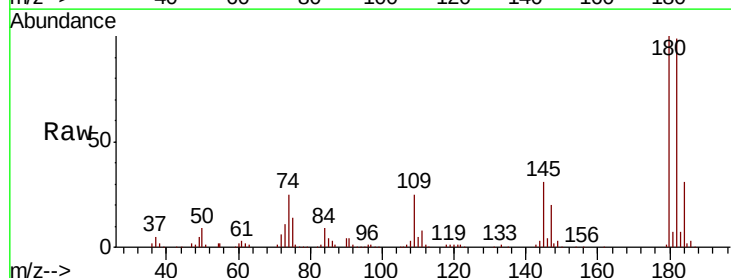
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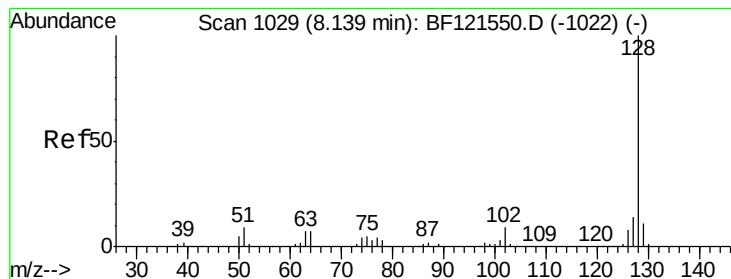
mohammad
10/1/2020 11:45:05 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.033 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion:	180	Resp:	327128
Ion Ratio		Lower	Upper
180	100		
182	98.9	78.6	117.8
145	31.3	26.3	39.5





#31

Naphthalene

Concen: 39.247 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

ClientSampleId :

SP-1-IMS

Tot Ion:128 Resp: 1054539

Ion Ratio Lower Upper

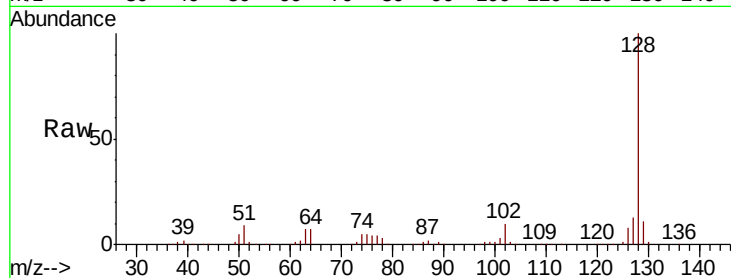
128 100

129 11.3 9.2 13.8

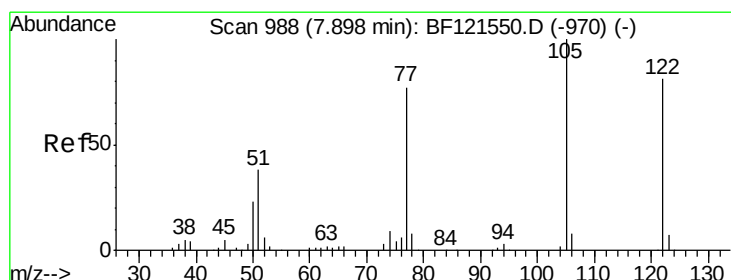
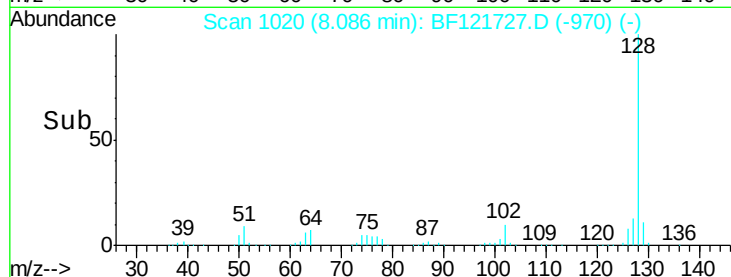
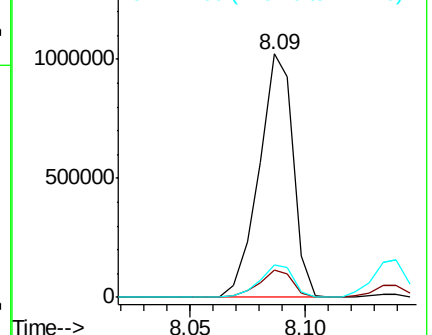
127 13.4 10.9 16.3

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



#32

Benzoic acid

Concen: 9.258 ng m

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

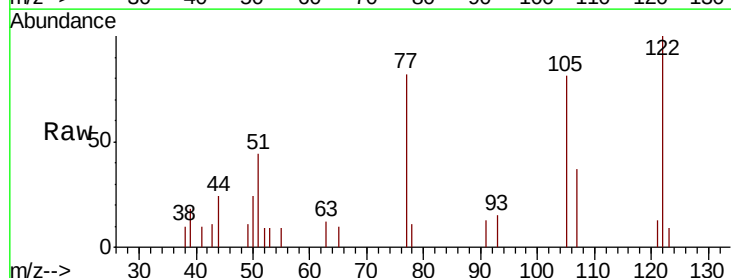
Tgt Ion:122 Resp: 17250

Ion Ratio Lower Upper

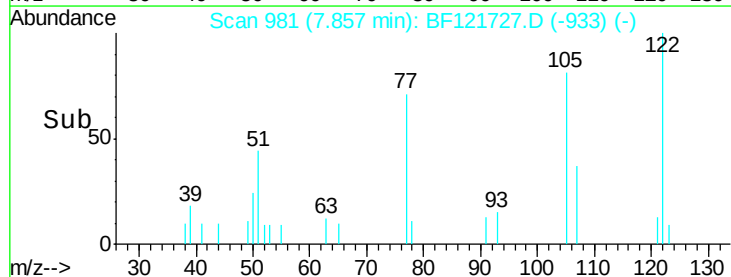
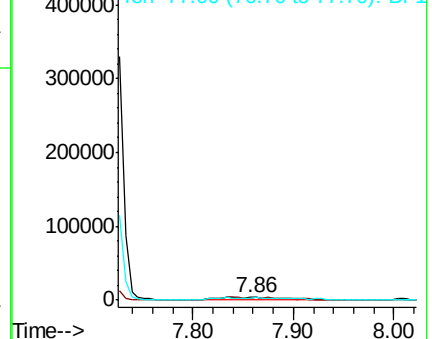
122 100

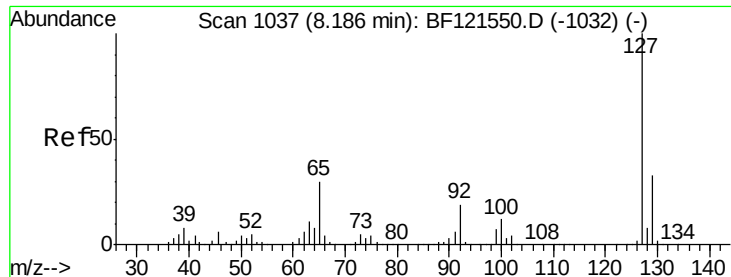
105 80.7 103.8 143.8#

77 81.6 75.8 115.8



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





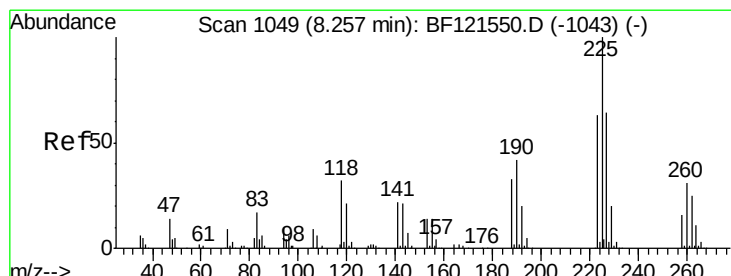
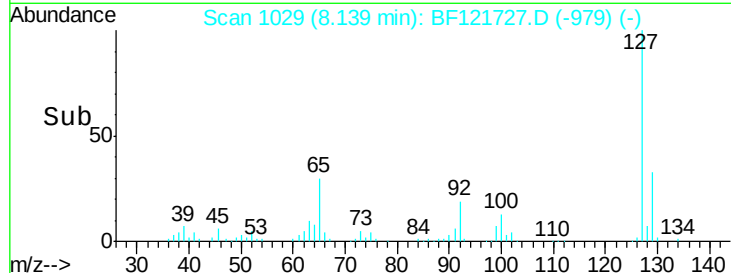
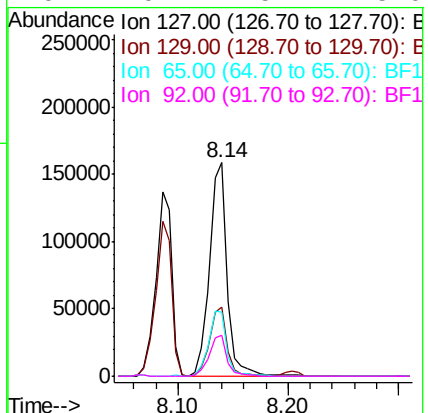
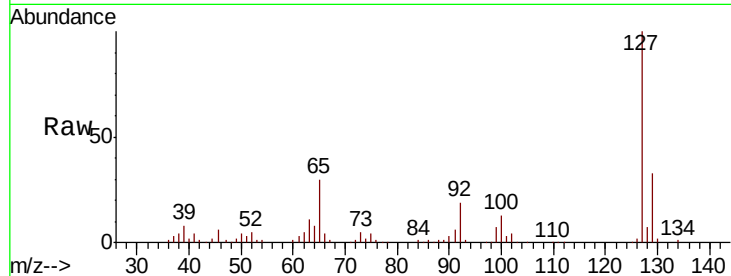
#33
 4-Chloroaniline
 Concen: 14.704 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	29.8	24.2	36.2		
92	19.1	15.4	23.0		

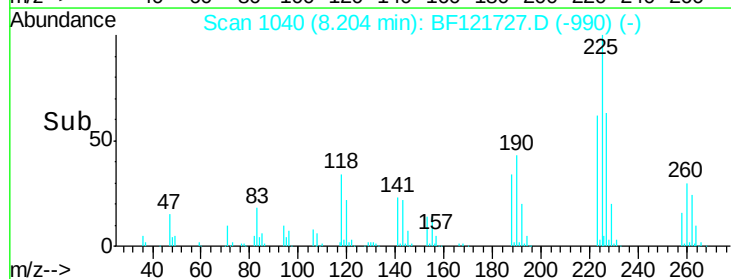
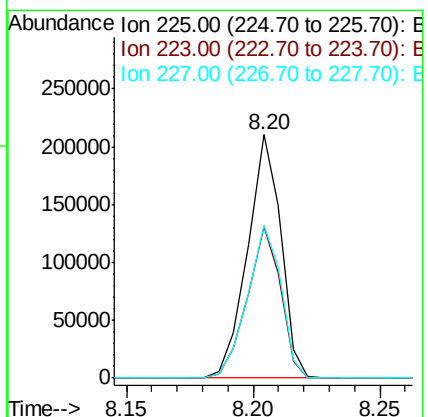
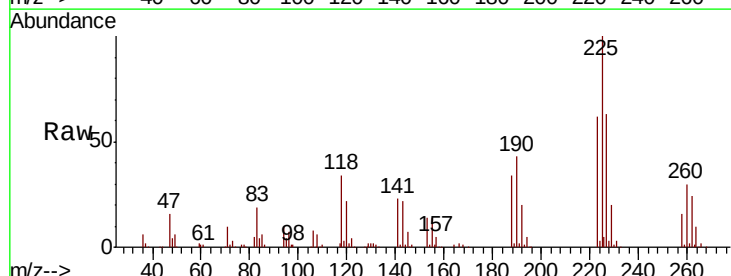
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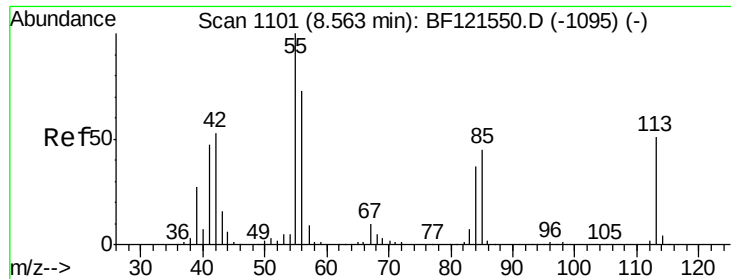
mohammad
 10/1/2020 11:45:05 AM



#34
 Hexachlorobutadiene
 Concen: 40.173 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.5	75.7		
227	62.6	51.0	76.4		





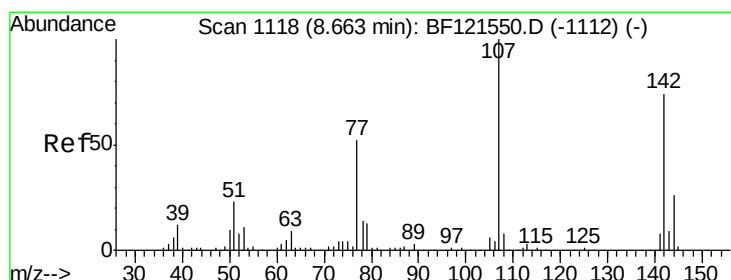
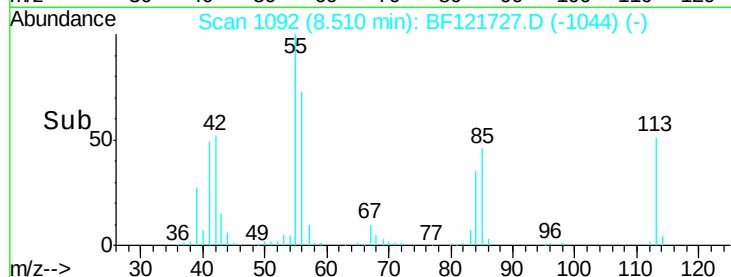
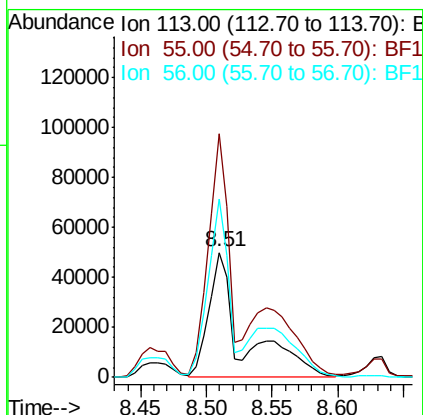
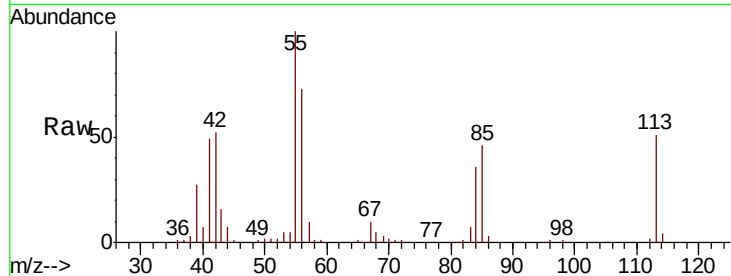
#35
Caprolactam
Concen: 34.831 ng/ml
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampled :
SP-1-IMS

Tot Ion: 113 Resp: 89994
Ion Ratio Lower Upper
113 100
55 194.7 170.7 210.7
56 142.2 122.1 162.1

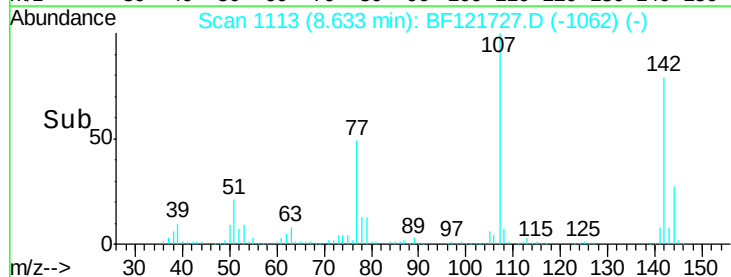
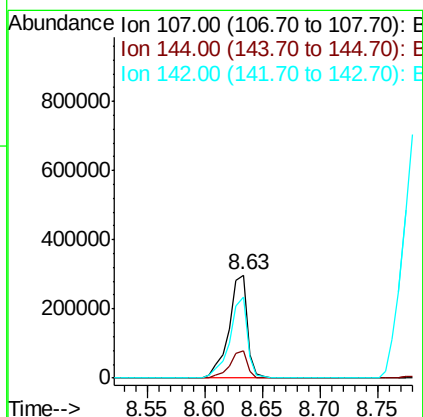
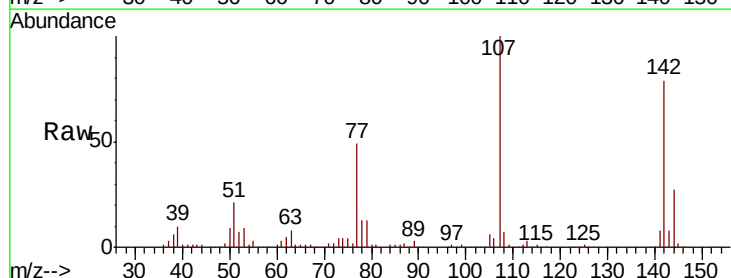
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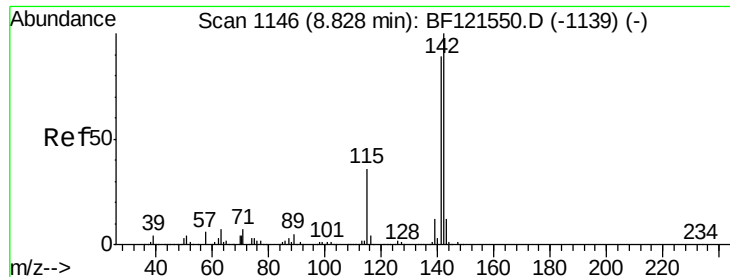
mohammad
10/1/2020 11:45:05 AM



#36
4-Chloro-3-methylphenol
Concen: 39.401 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion: 107 Resp: 329317
Ion Ratio Lower Upper
107 100
144 26.6 21.2 31.8
142 78.6 62.2 93.2





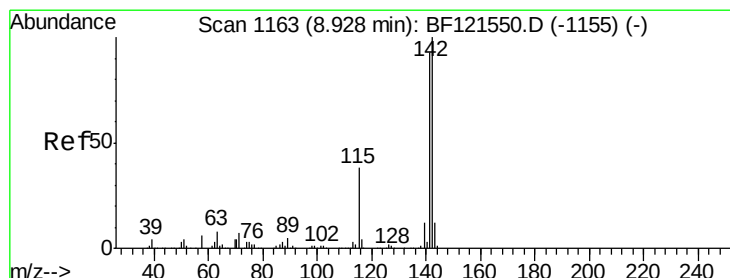
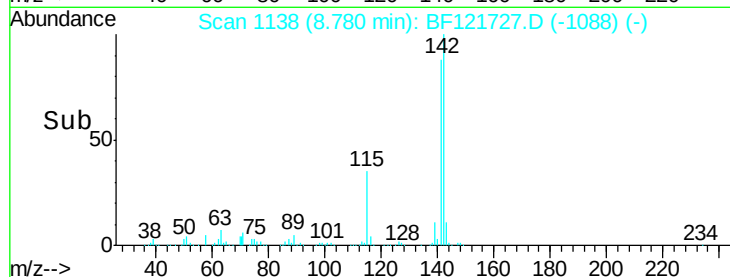
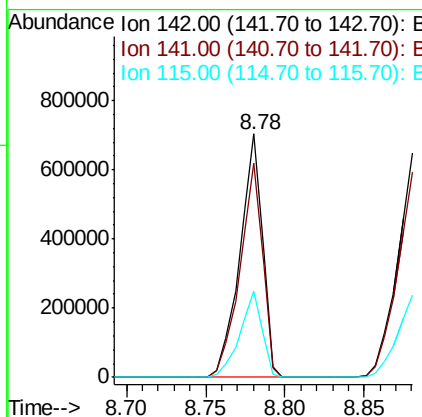
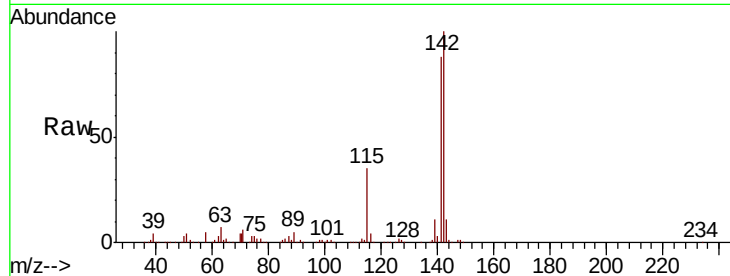
#37
2-Methylnaphthalene
Concen: 39.434 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1
115	35.3	28.0	42.0

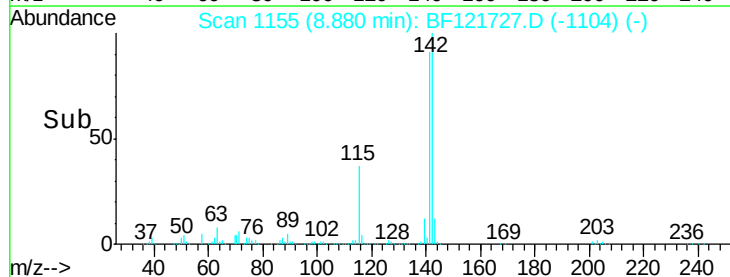
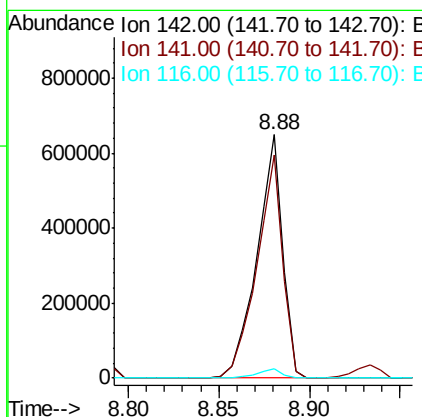
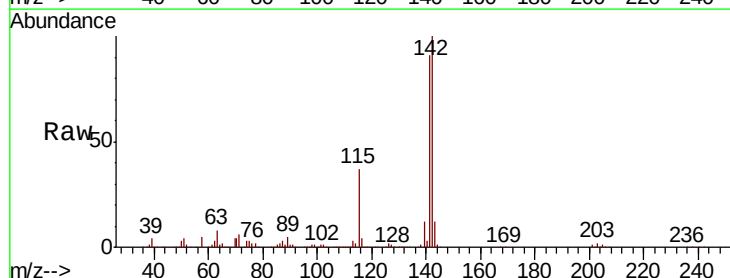
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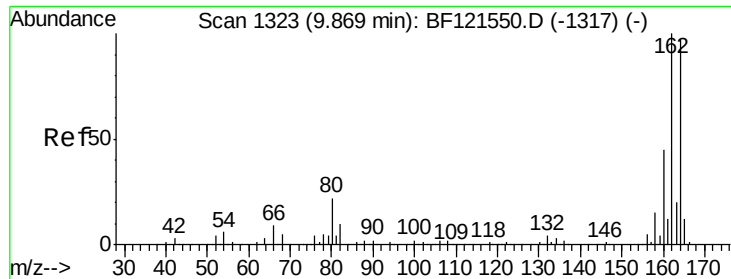
mohammad
10/1/2020 11:45:05 AM



#38
1-Methylnaphthalene
Concen: 39.093 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
116	3.7	3.2	4.8





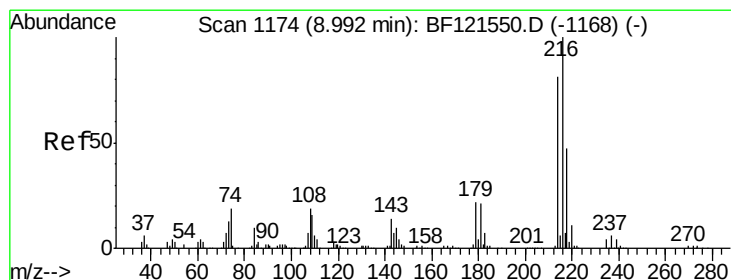
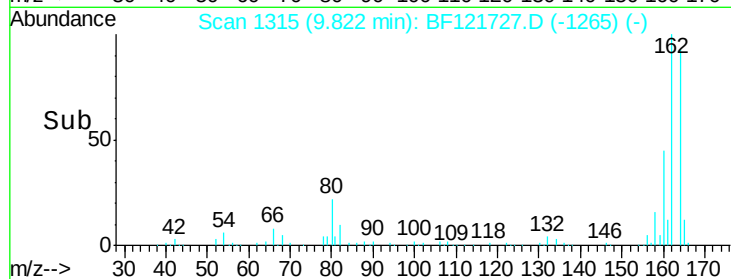
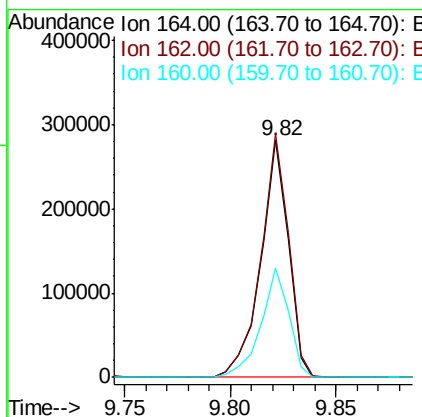
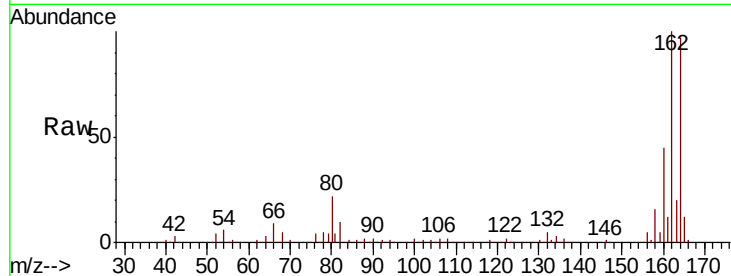
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	80.6	121.0	
160	46.2	36.9	55.3	

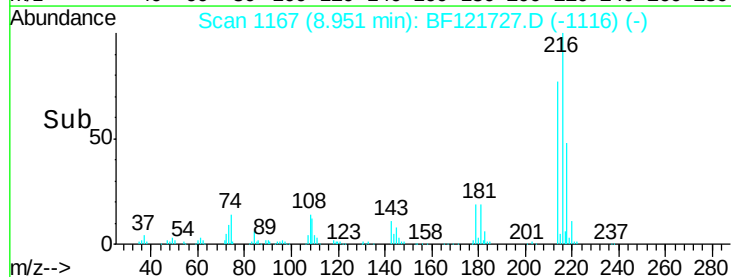
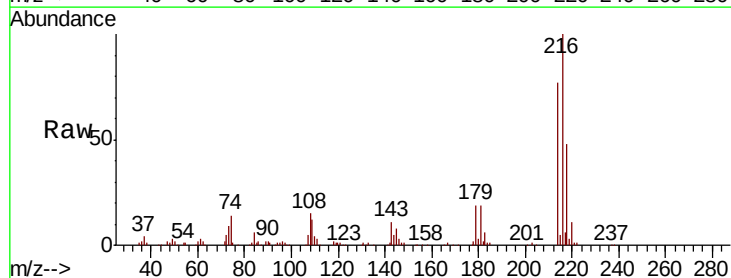
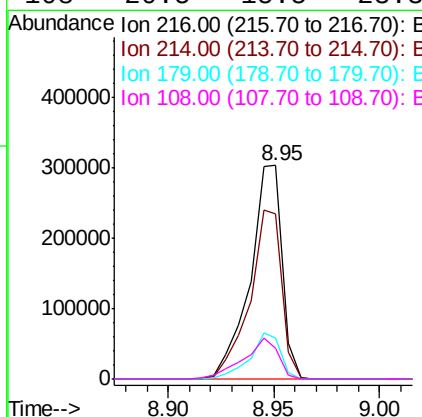
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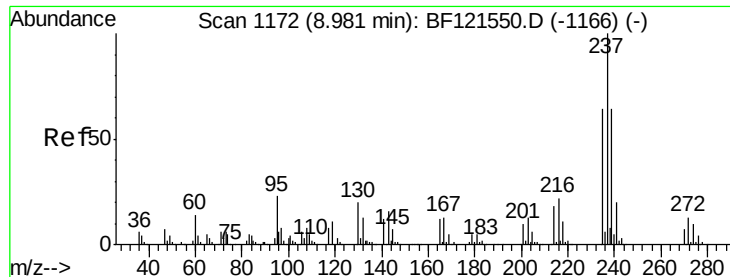
mohammad
10/1/2020 11:45:05 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.235 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	64.0	96.0	
179	20.5	16.8	25.2	
108	20.5	15.5	23.3	





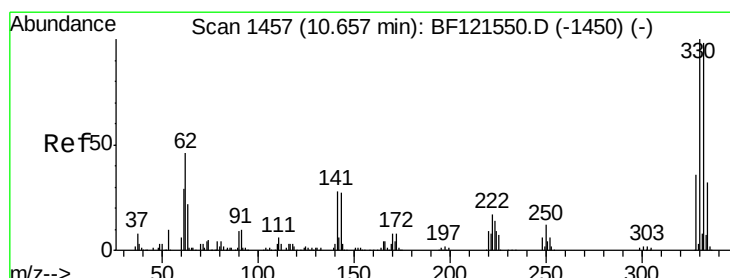
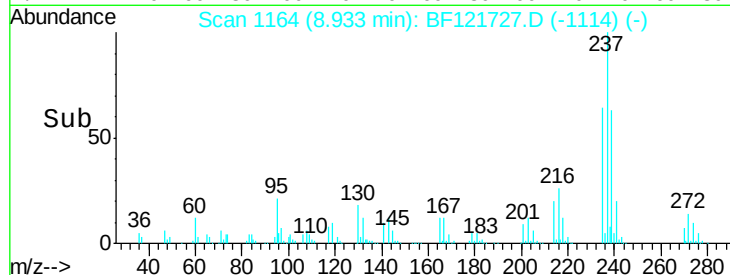
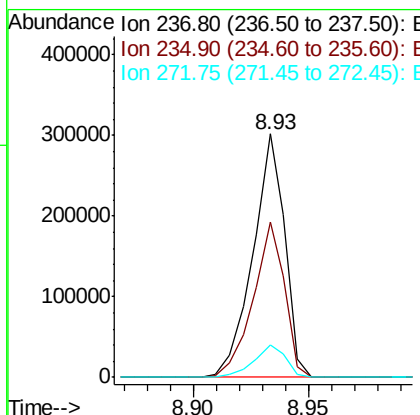
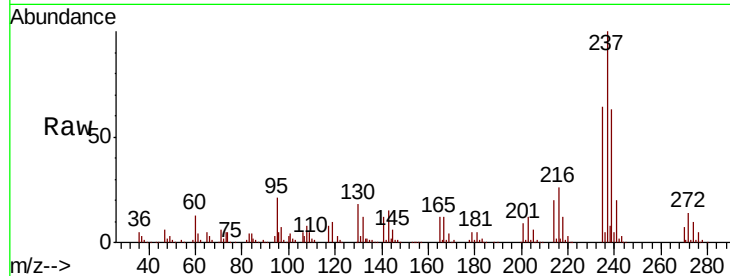
#41
Hexachlorocyclopentadiene
Concen: 63.366 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	290601		
235	63.7	42.3	82.3	
272	13.5	0.0	33.4	

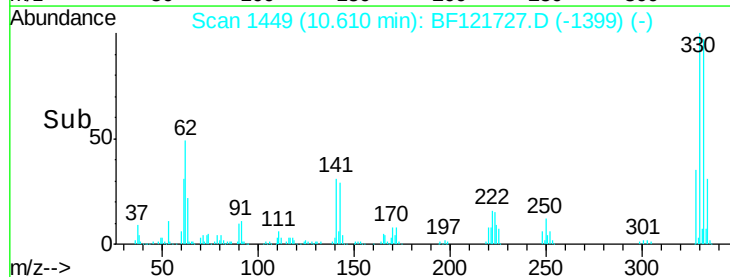
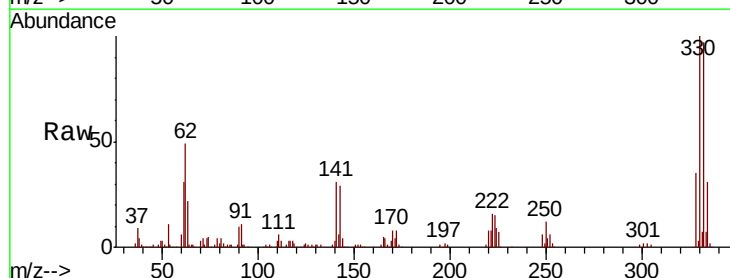
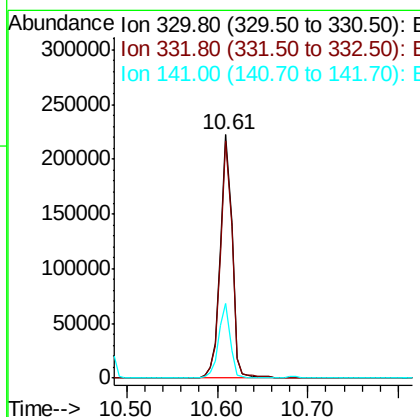
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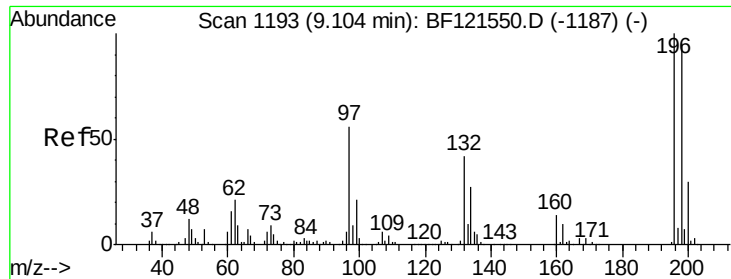
mohammad
10/1/2020 11:45:05 AM



#42
2,4,6-Tribromophenol
Concen: 62.570 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	199926		
332	95.8	77.6	116.4	
141	30.0	22.9	34.3	





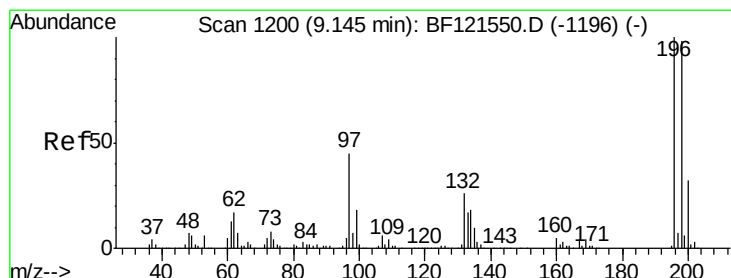
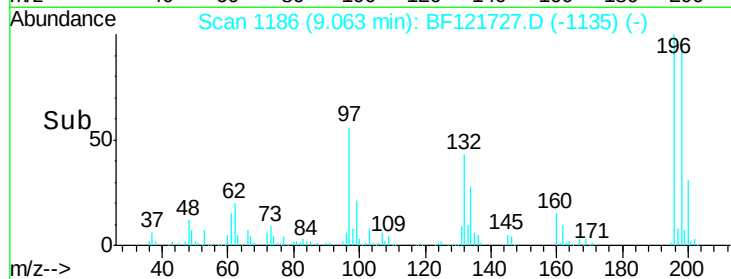
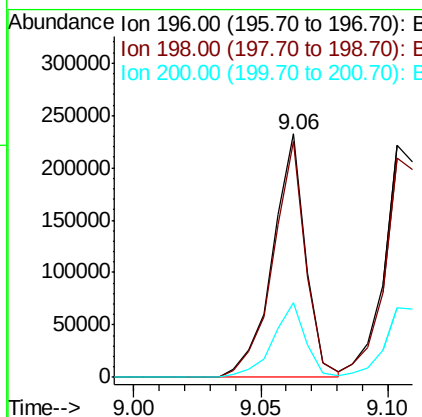
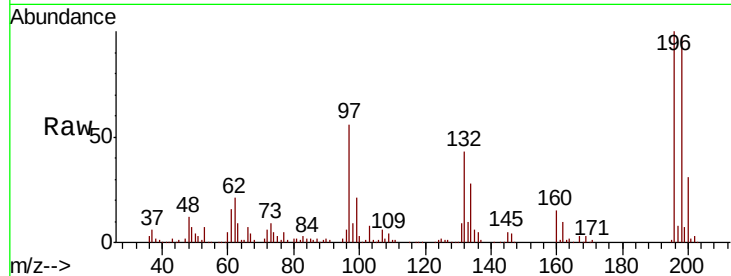
#43
 2,4,6-Trichlorophenol
 Concen: 38.702 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211845		
198	97.1	75.4	113.0	
200	30.8	24.2	36.4	

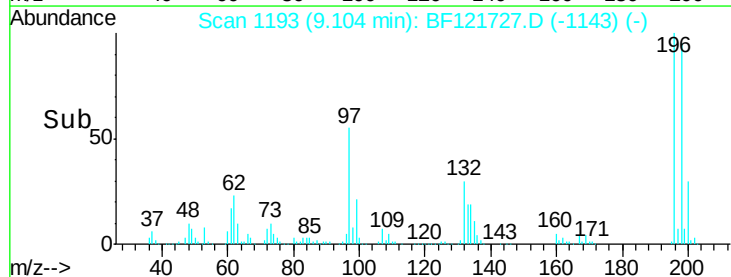
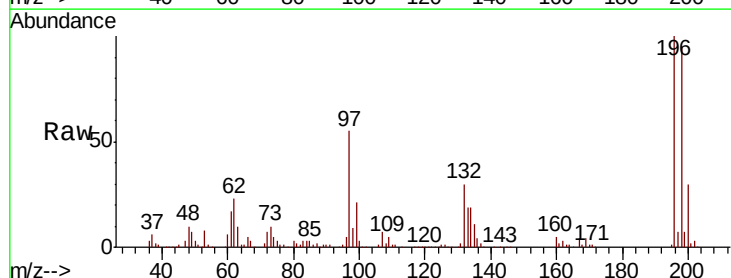
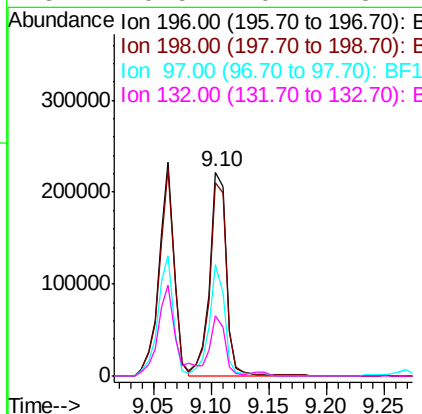
Manual Integrations
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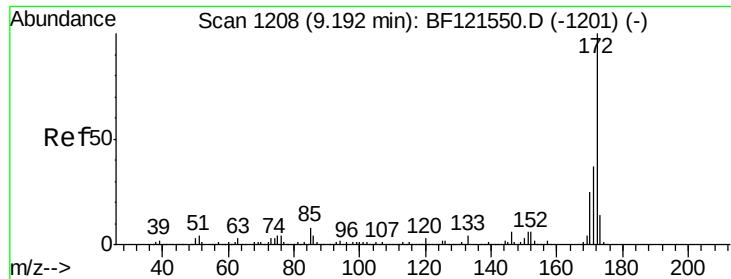
mohammad
 10/1/2020 11:45:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.536 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222995		
198	94.7	76.9	115.3	
97	54.6	36.9	55.3	
132	29.5	20.7	31.1	





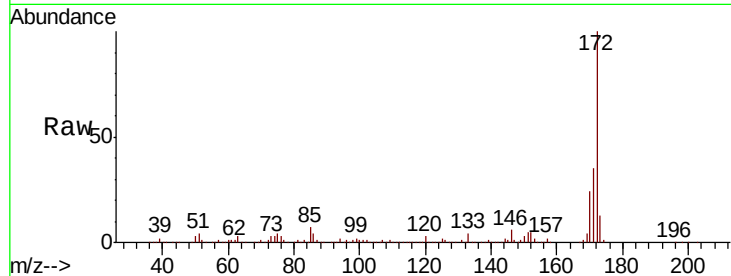
#45
2-Fluorobiphenyl
Concen: 51.624 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampled :
SP-1-IMS

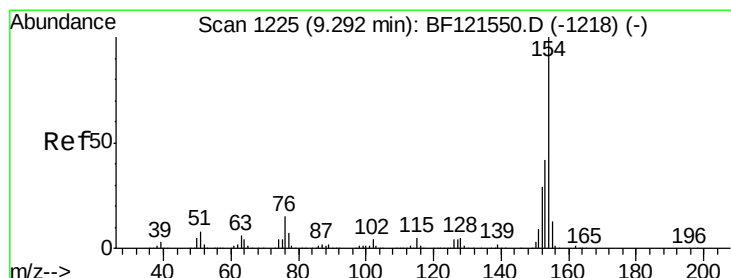
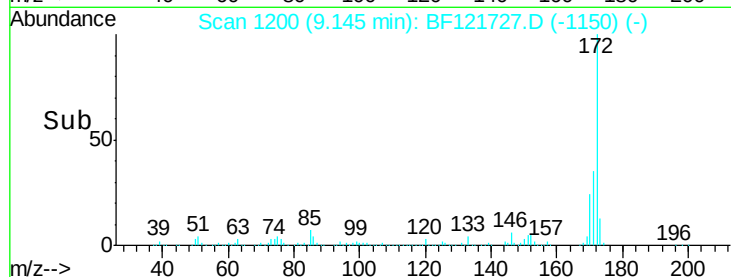
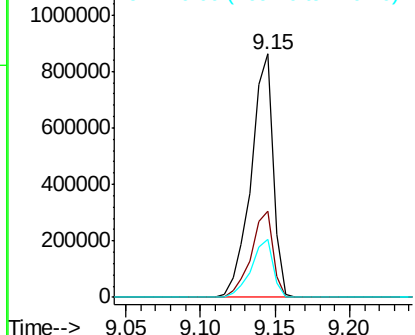
Tot Ion:	172	Resp:	876301
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.2	43.8
170	23.8	19.7	29.5

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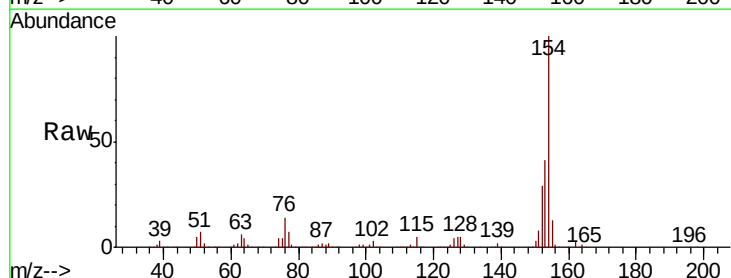


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

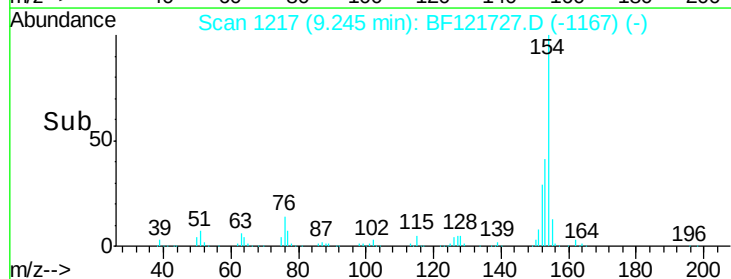
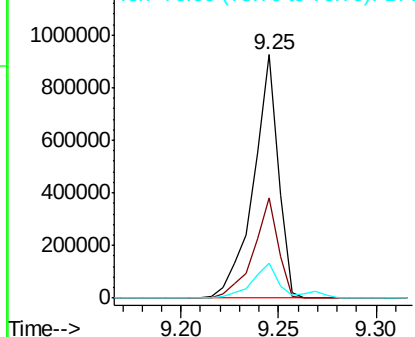


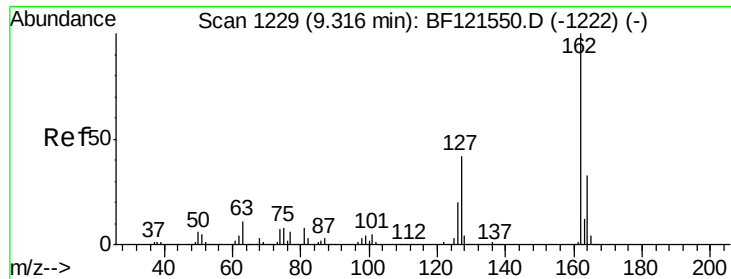
#46
1,1'-Biphenyl
Concen: 39.637 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion:	154	Resp:	815790
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	14.1	0.0	33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





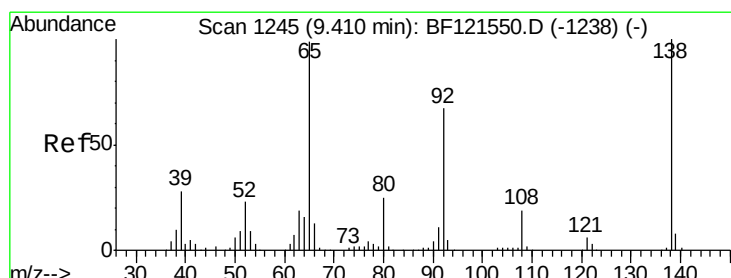
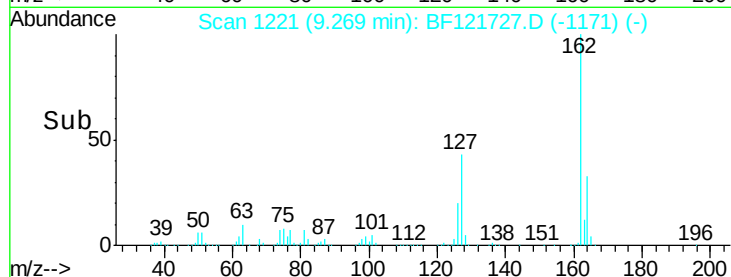
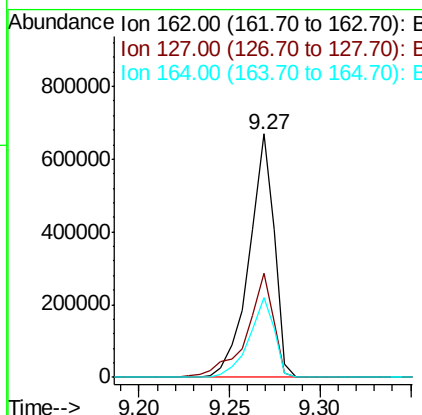
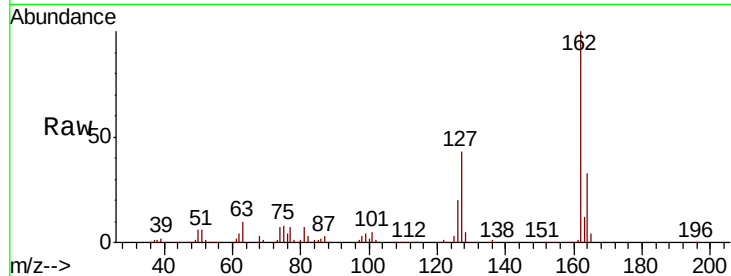
#47
 2-Chloronaphthalene
 Concen: 39.598 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	42.7	33.8	50.6		
164	32.9	26.2	39.4		

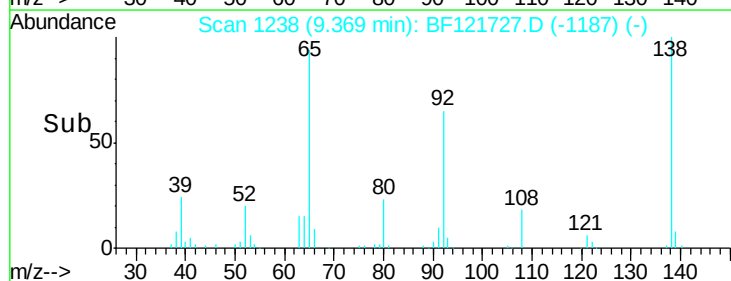
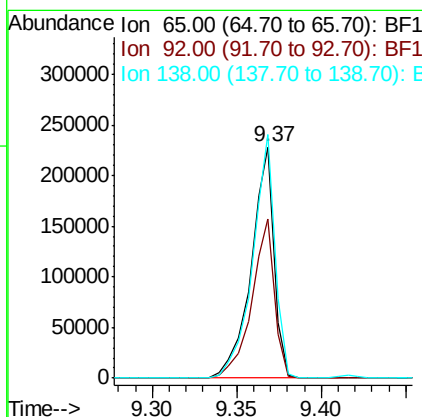
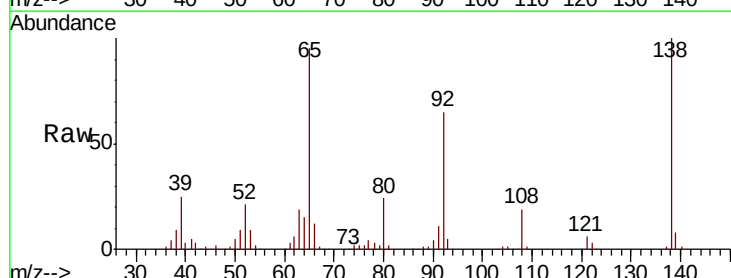
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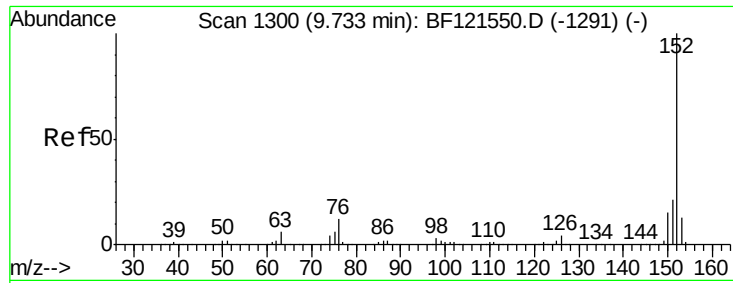
mohammad
 10/1/2020 11:45:05 AM



#48
 2-Nitroaniline
 Concen: 43.056 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.8	53.1	79.7		
138	105.2	76.7	115.1		





#49

Acenaphthylene

Concen: 40.306 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

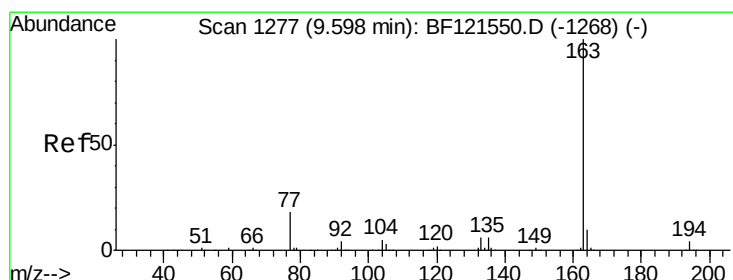
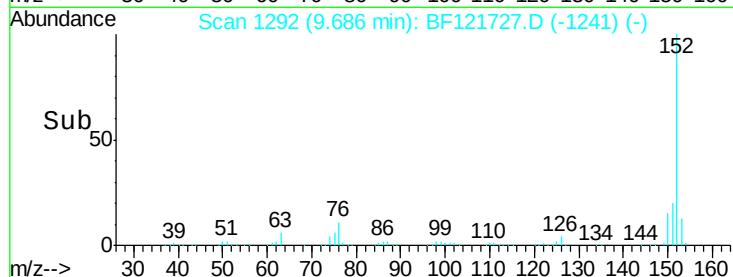
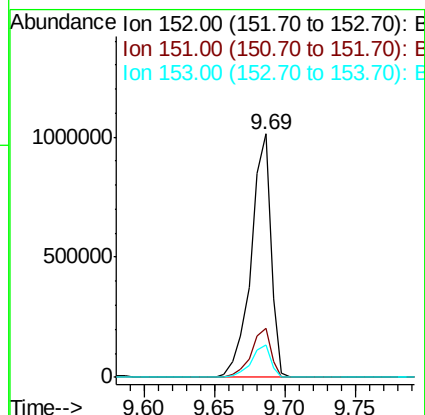
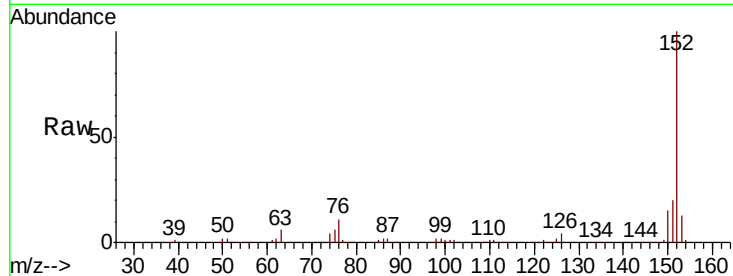
ClientSampleId :

SP-1-IMS

Tot Ion:	152	Resp:	1004411
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	13.2	10.9	16.3

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#50

Dimethylphthalate

Concen: 45.331 ng

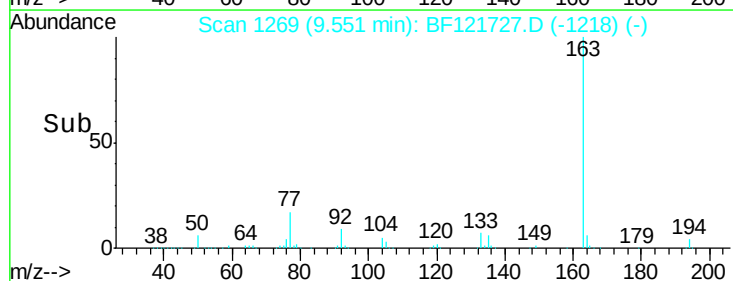
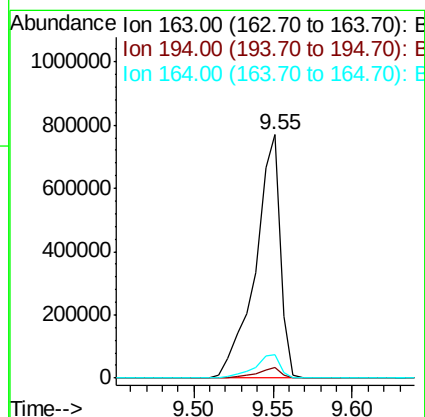
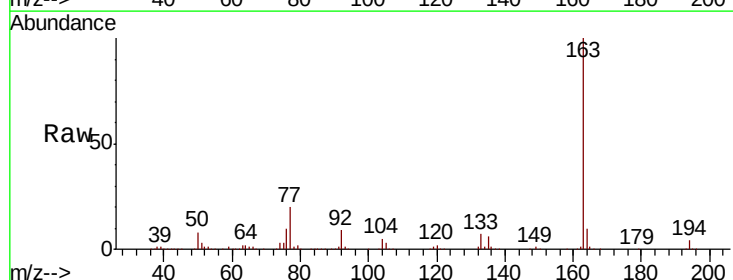
RT: 9.55 min Scan# 1269

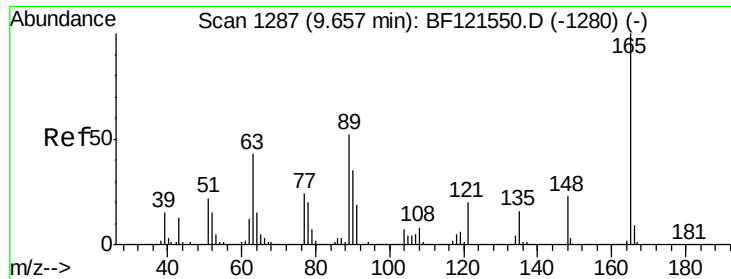
Delta R.T. 0.00 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Tgt Ion:	163	Resp:	844667
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.1	4.7
164	9.8	8.5	12.7





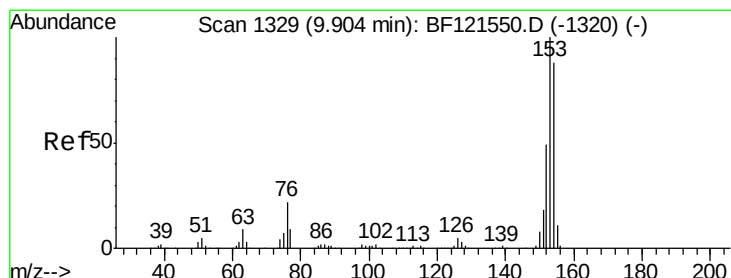
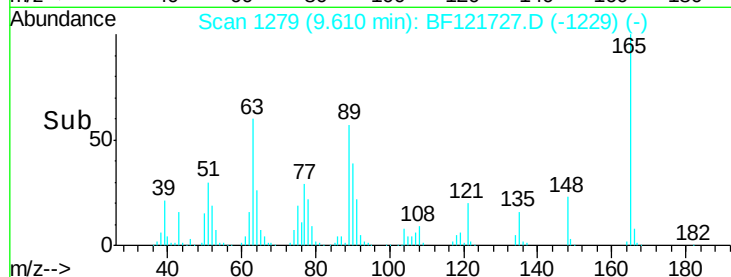
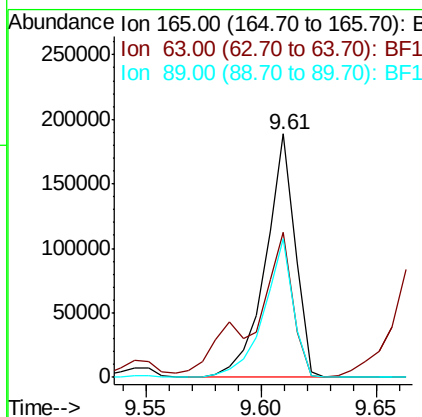
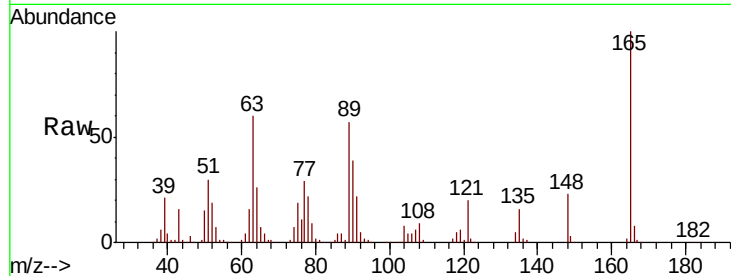
#51
 2,6-Dinitrotoluene
 Concen: 42.442 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampled :
 SP-1-IMS

Tot Ion:	165	Resp:	168422
Ion Ratio	Lower	Upper	
165	100		
63	59.7	43.8	65.6
89	57.0	43.0	64.4

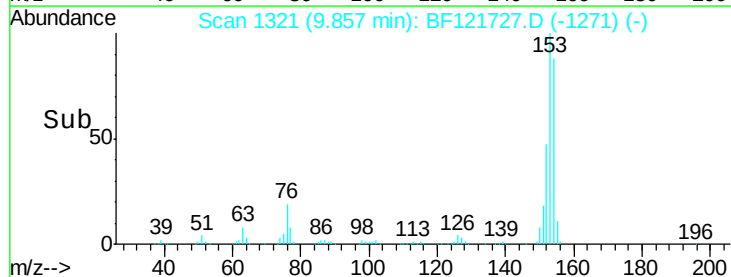
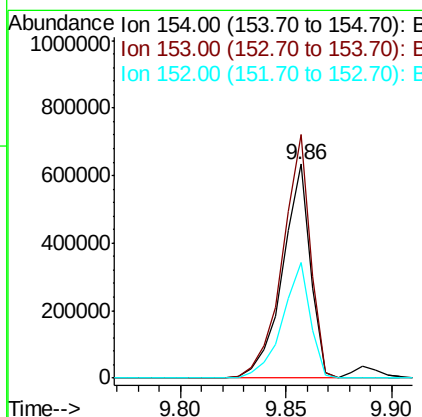
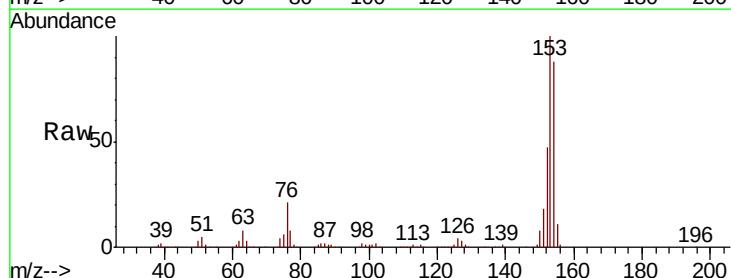
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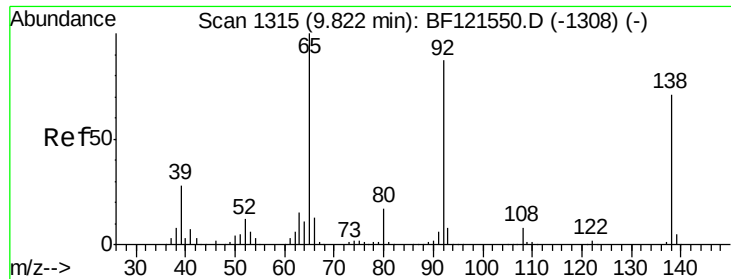
mohammad
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#52
 Acenaphthene
 Concen: 37.220 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion:	154	Resp:	585832
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.7	136.1
152	53.8	43.9	65.9





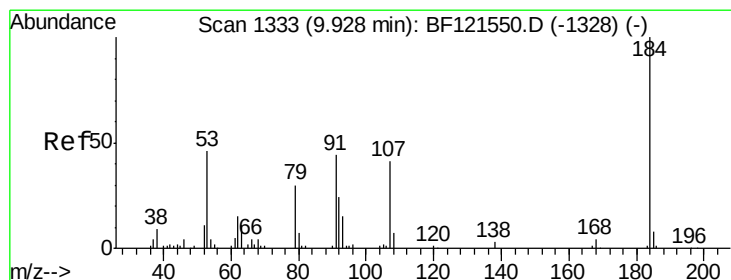
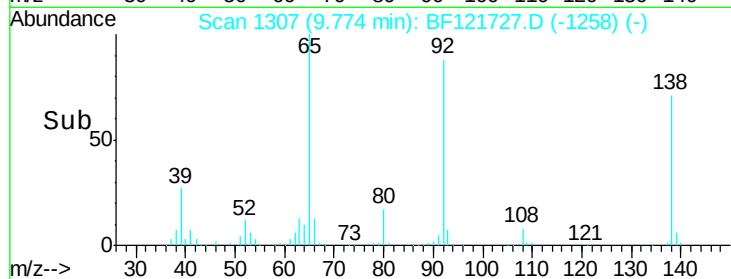
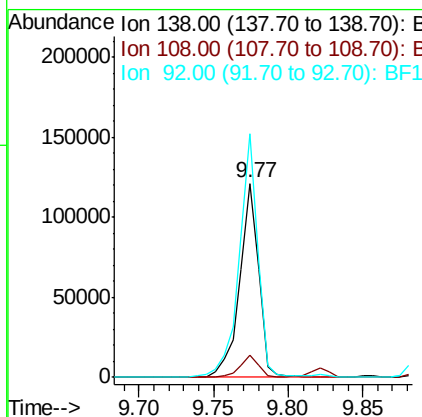
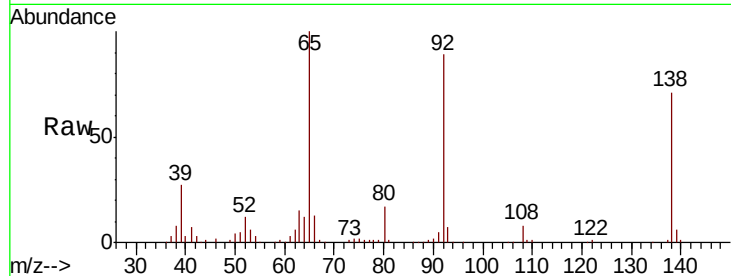
#53
3-Nitroaniline
Concen: 23.587 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.0	13.4
92	125.5	93.4	140.0

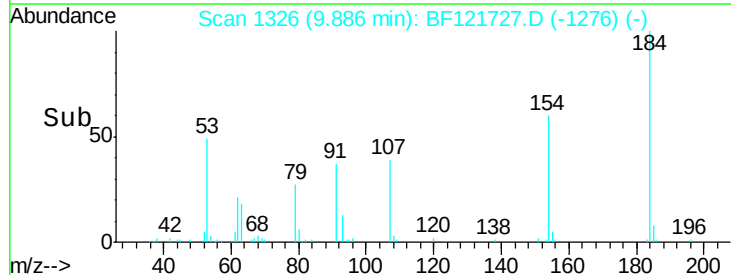
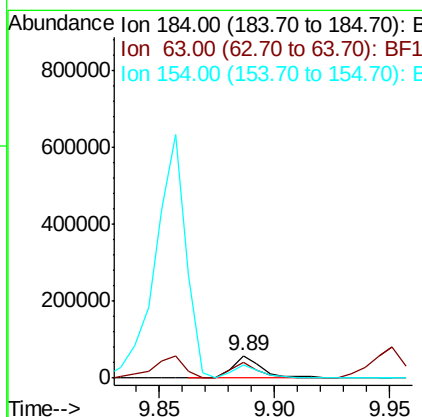
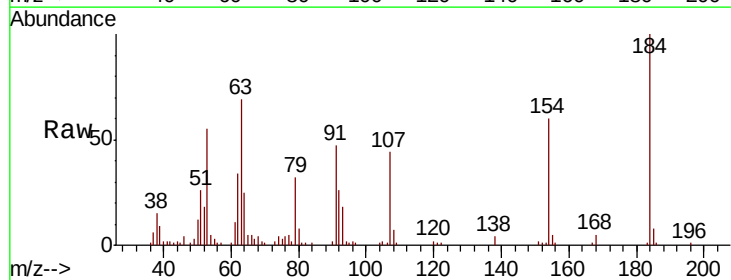
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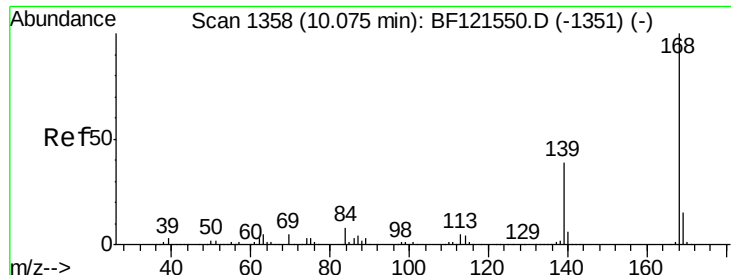
mohammad
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#54
2,4-Dinitrophenol
Concen: 29.324 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	50.1	75.1
154	59.7	47.0	70.6





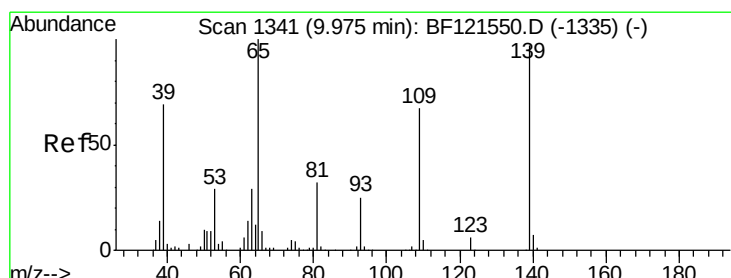
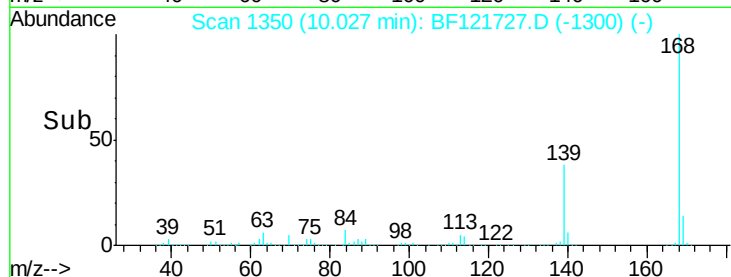
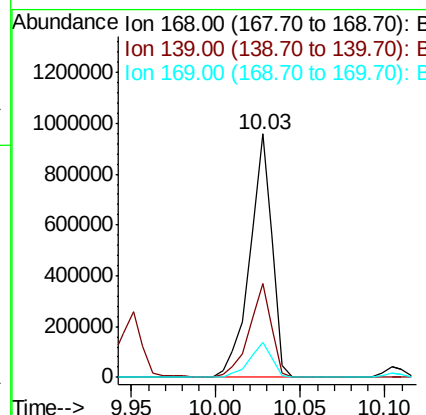
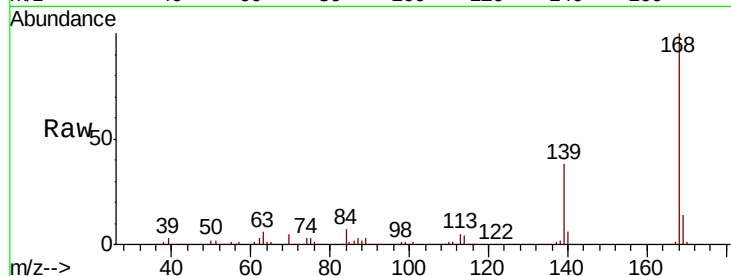
#55
Dibenzenofuran
Concen: 39.844 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.3	45.5
169	14.2	11.2	16.8

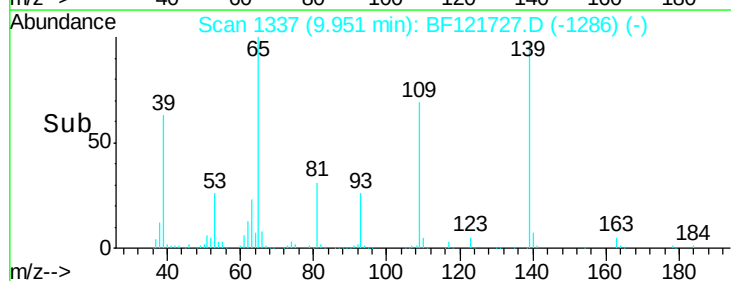
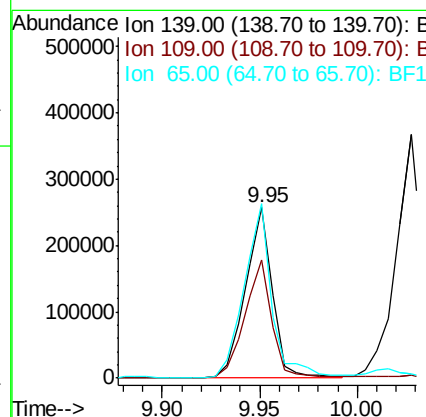
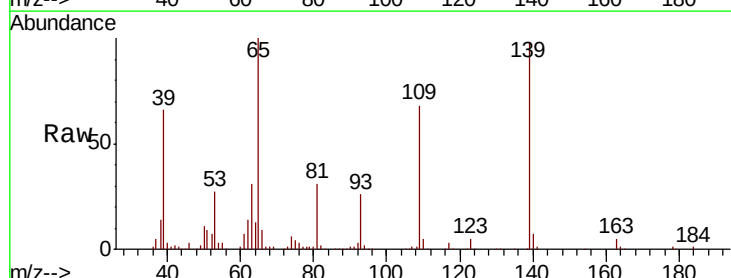
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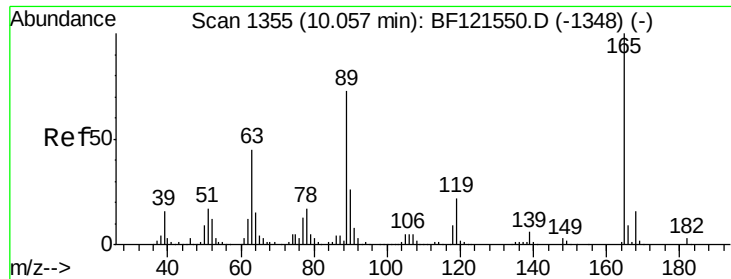
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#56
4-Nitrophenol
Concen: 67.189 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	48.4	88.4
65	102.2	77.7	117.7





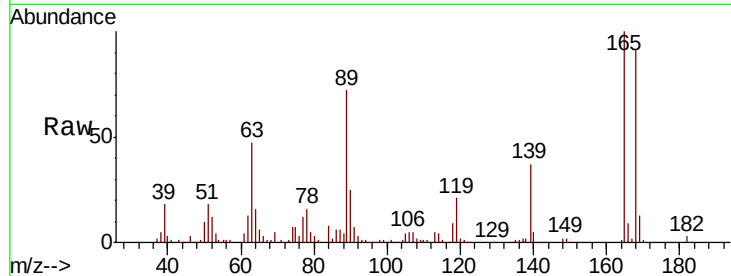
#57
2,4-Dinitrotoluene
Concen: 43.488 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

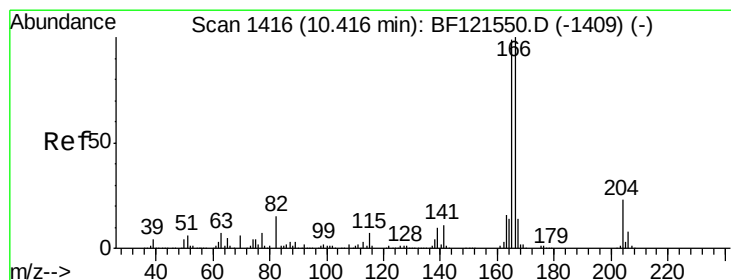
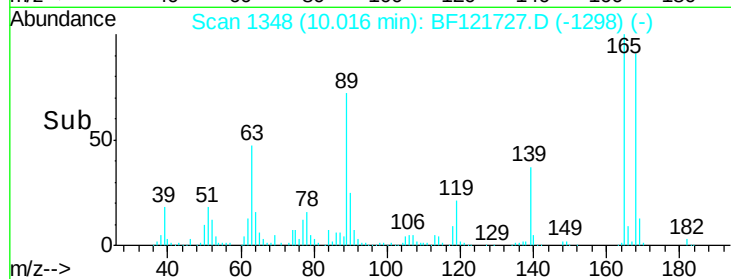
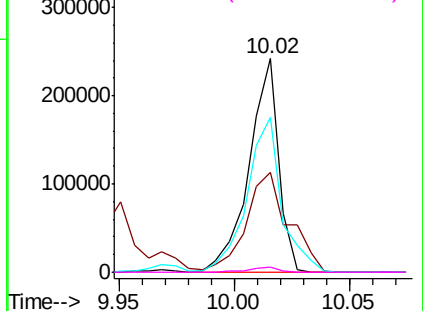
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217109		
63	46.9	39.0	58.6		
89	72.3	57.5	86.3		
182	2.6	2.2	3.4		

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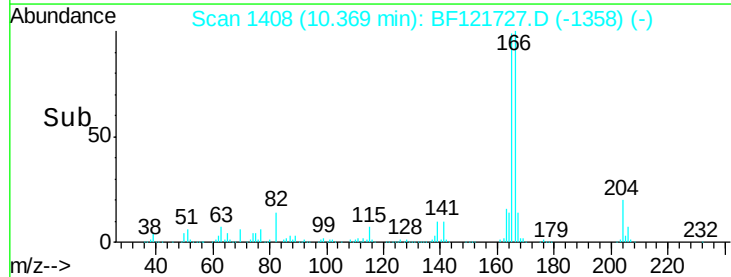
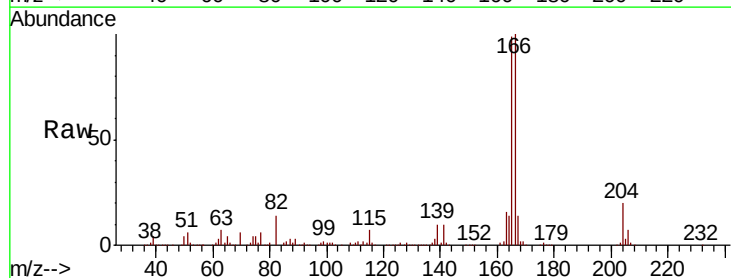
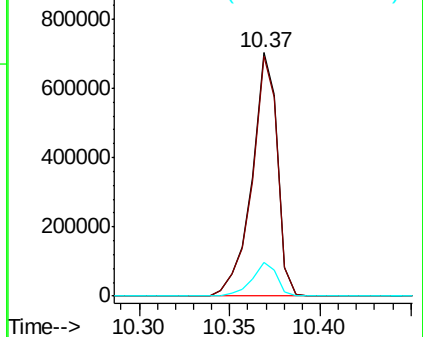
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

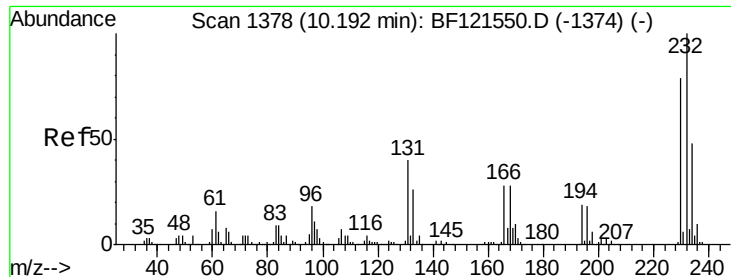


#58
Fluorene
Concen: 40.308 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		683248		
165	98.6	79.2	118.8		
167	13.9	10.6	16.0		

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: 35.428 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

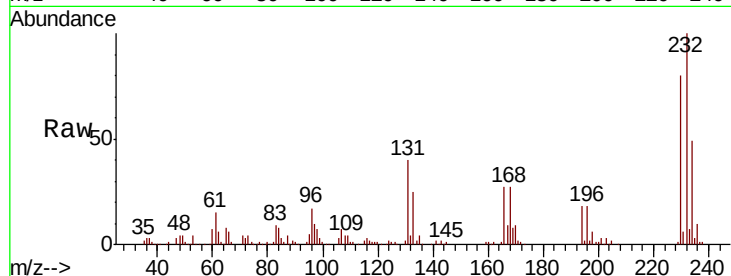
ClientSampleId :

SP-1-IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		166669		
131	43.7		34.9	52.3	
130	2.2		1.7	2.5	
166	28.9		23.7	35.5	

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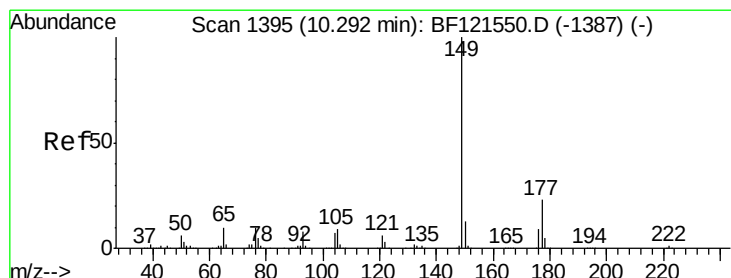
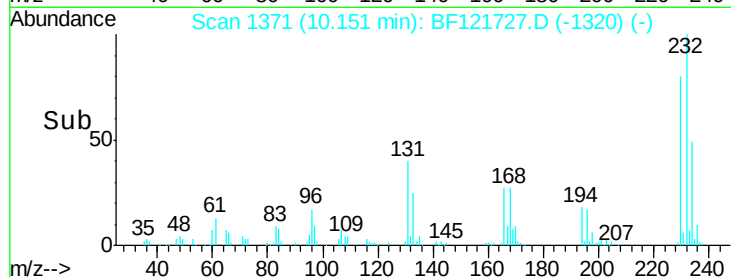
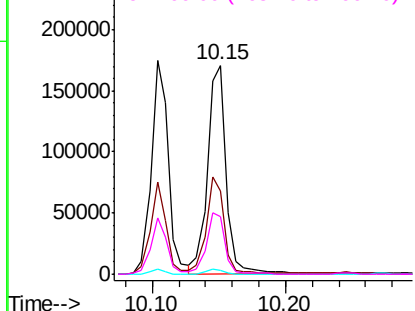


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.605 ng

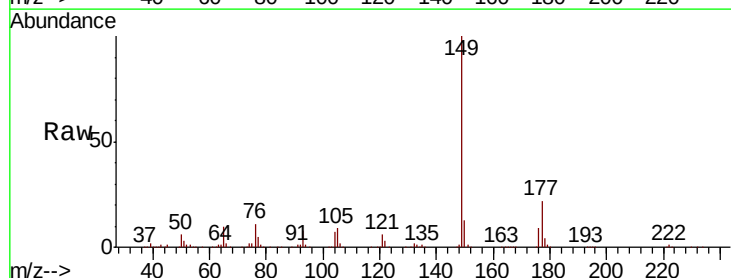
RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

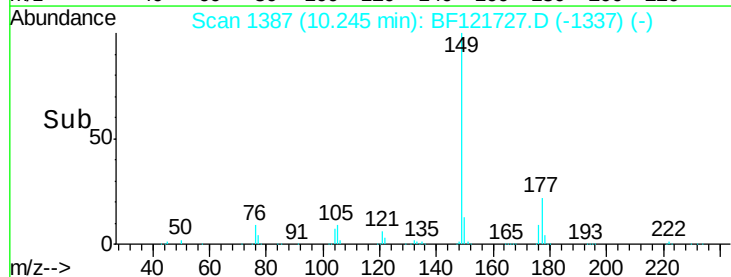
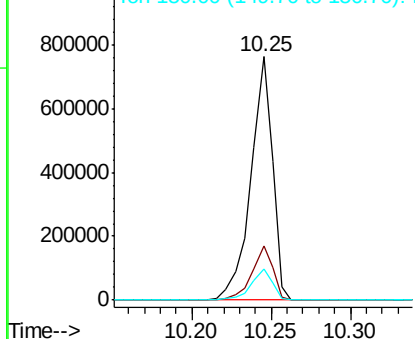
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		719516		
177	22.1		18.2	27.2	
150	12.8		10.0	15.0	

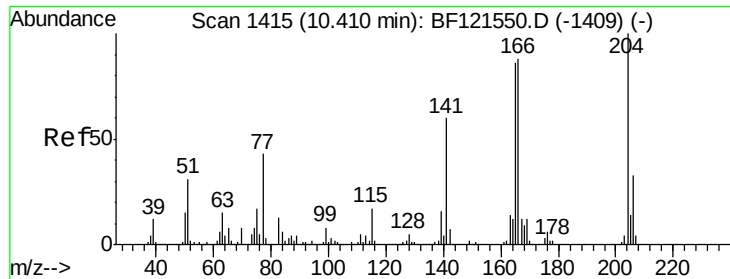


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





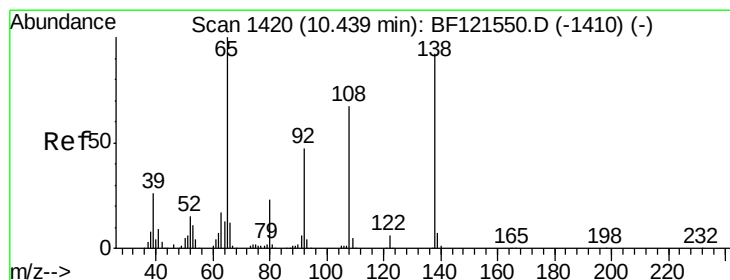
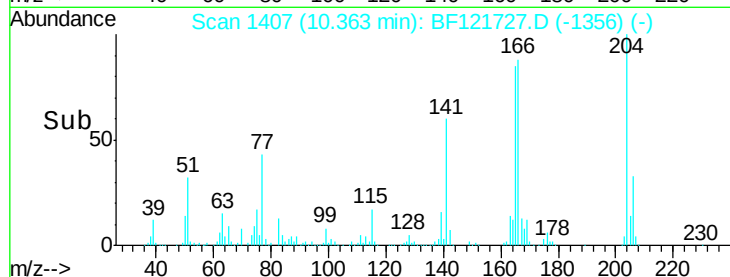
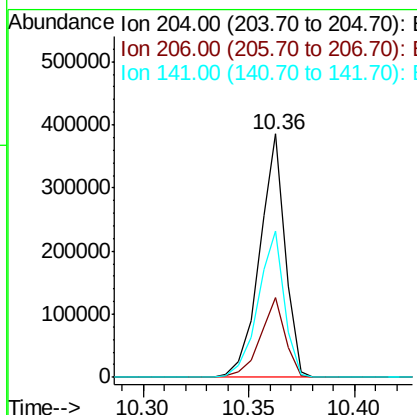
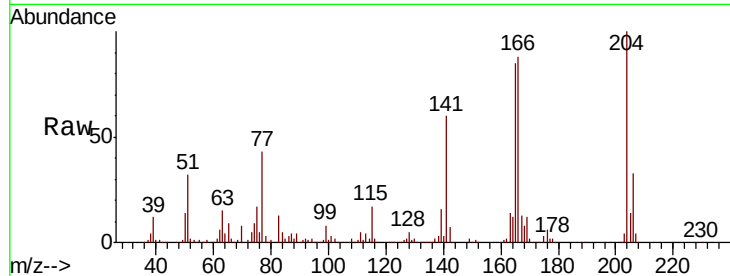
#61
 4-Chlorophenyl-phenylether
 Concen: 39.805 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampled :
 SP-1-IMS

Tot Ion:	204	Resp:	323216
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	60.3	51.4	77.0

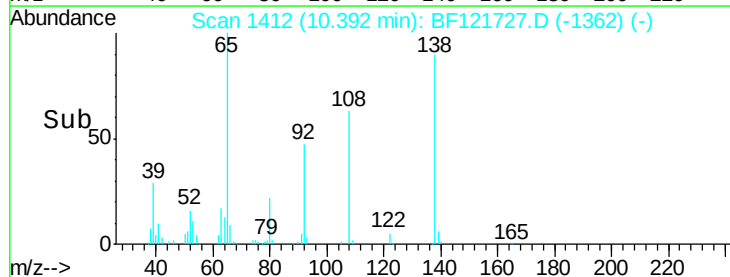
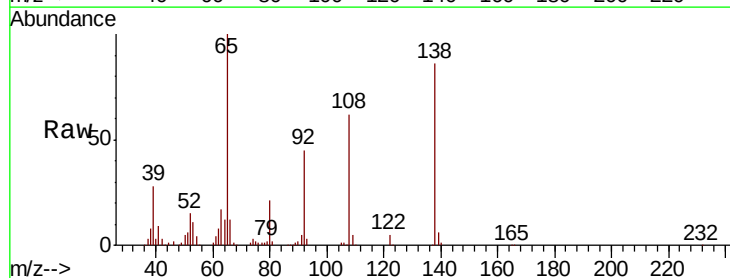
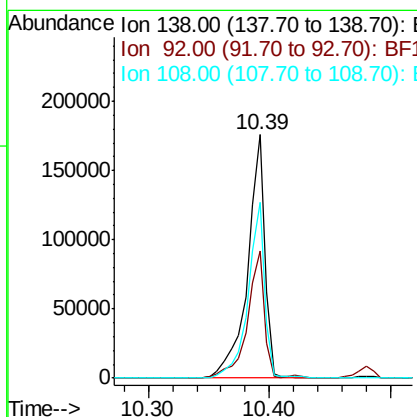
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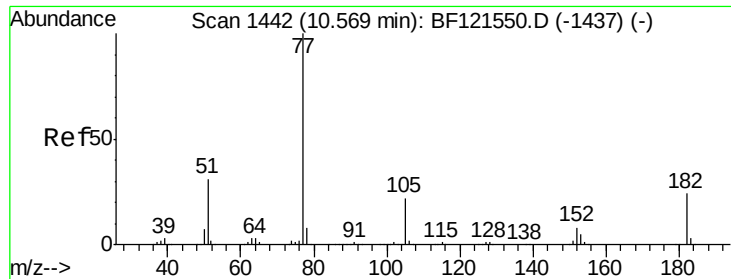
mohammad
 10/1/2020 11:45:05 AM



#62
 4-Nitroaniline
 Concen: 38.796 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion:	138	Resp:	177079
Ion Ratio	Lower	Upper	
138	100		
92	52.1	33.6	73.6
108	72.1	53.5	93.5





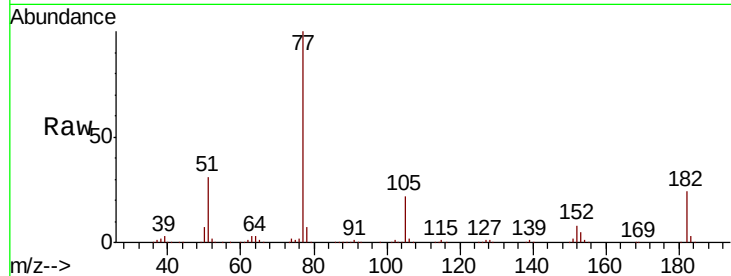
#63
Azobenzene
Concen: 38.841 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

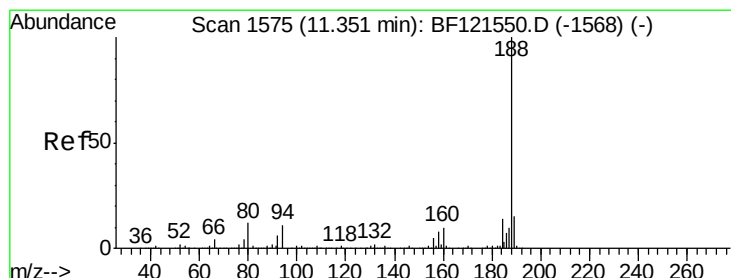
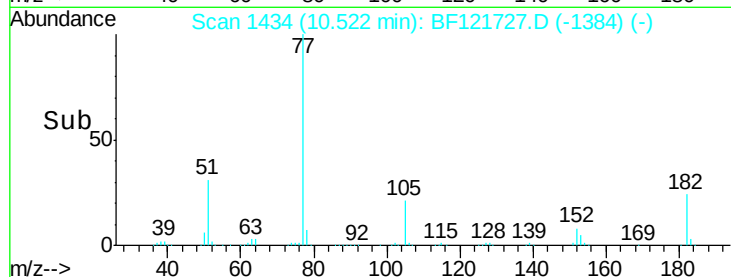
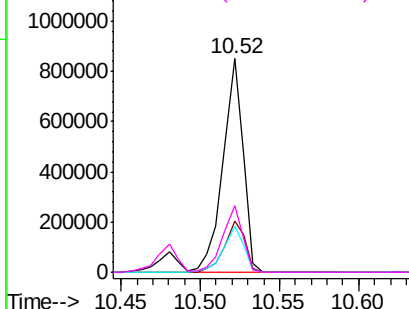
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	6.5	46.5	
105	21.7	2.1	42.1	
51	31.2	11.3	51.3	

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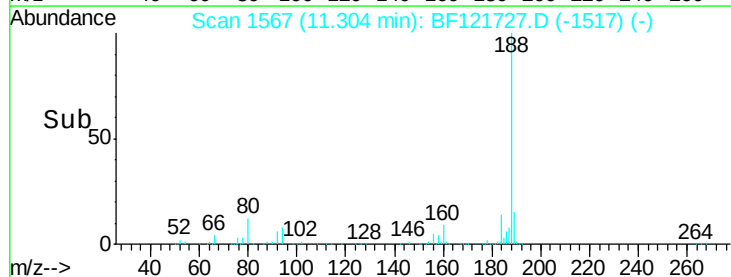
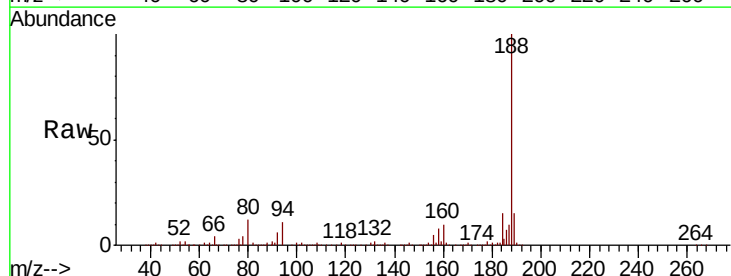
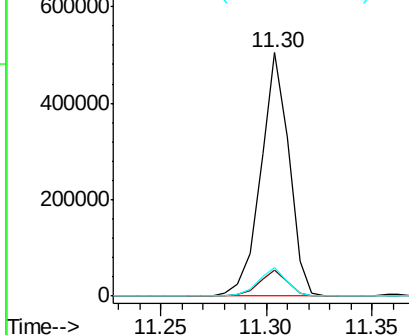
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

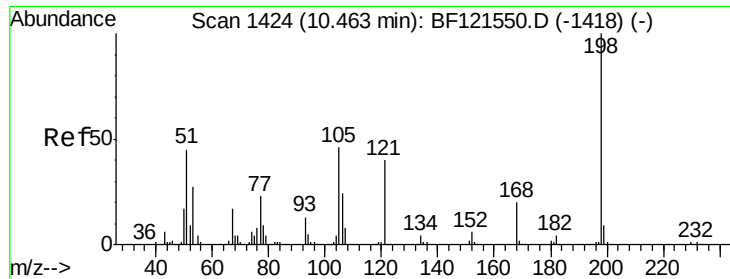


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.2	12.2	
80	11.9	8.9	13.3	

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





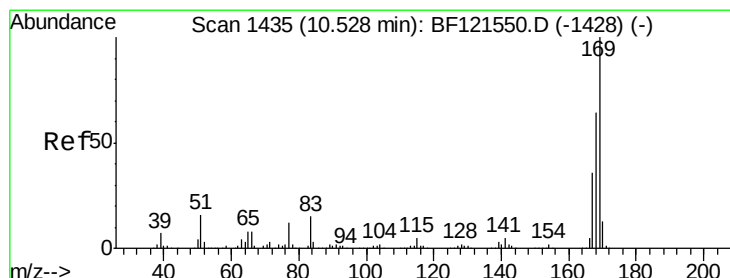
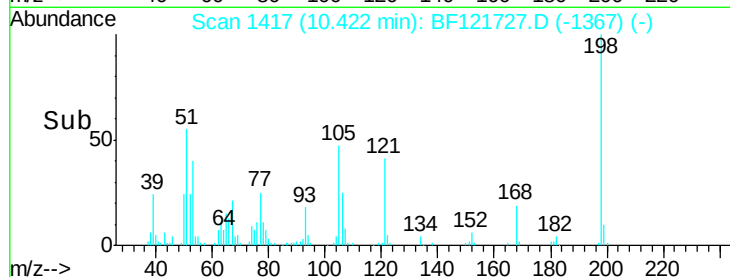
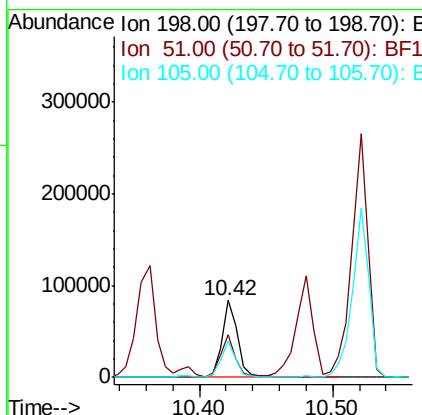
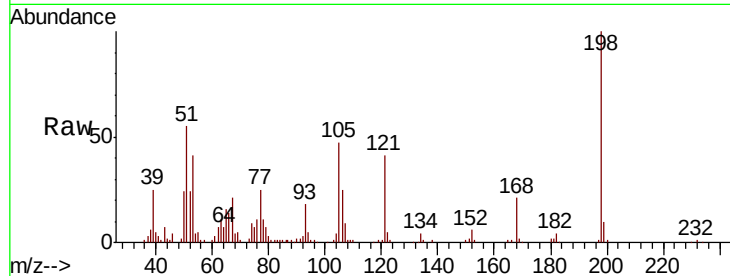
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.447 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.1	34.7	74.7
105	46.7	27.8	67.8

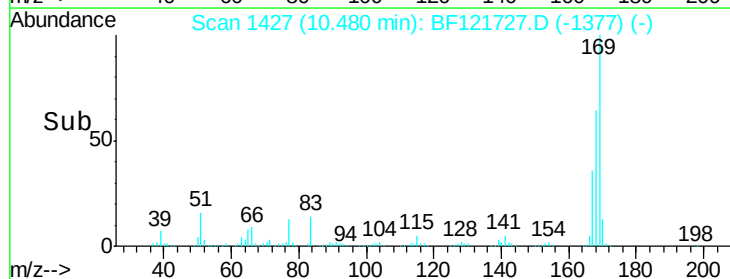
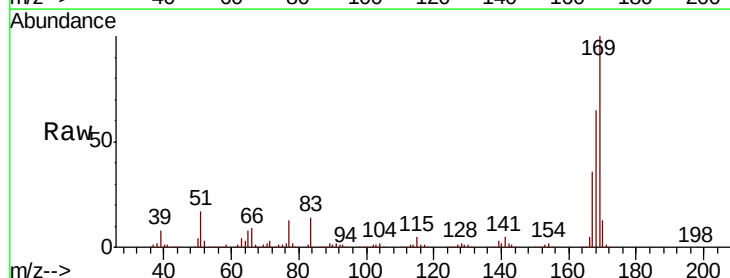
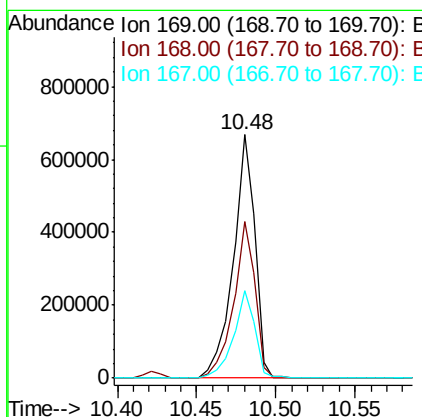
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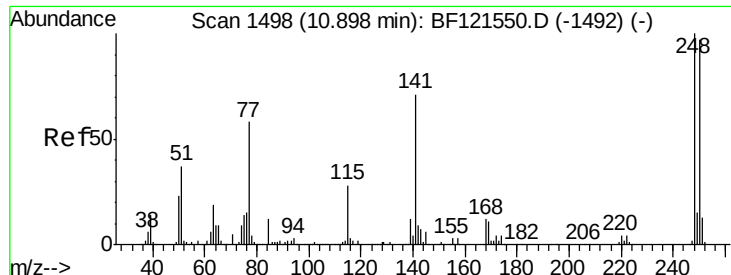
mohammad
 10/1/2020 11:45:05 AM



#66
 n-Nitrosodiphenylamine
 Concen: 39.236 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.6	51.0	76.6
167	35.8	28.4	42.6





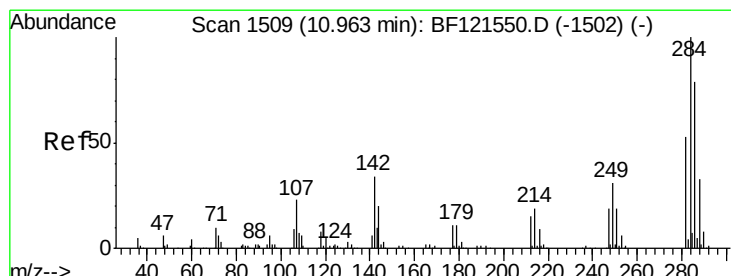
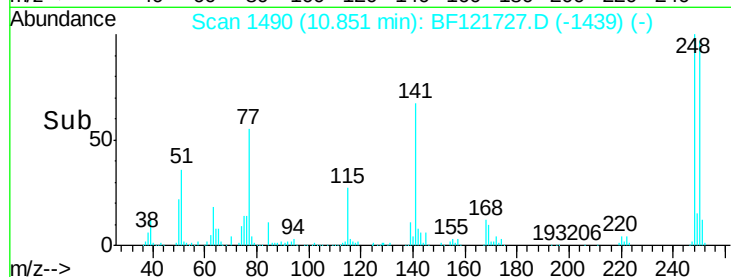
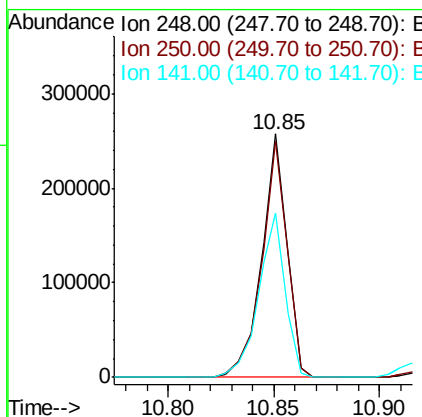
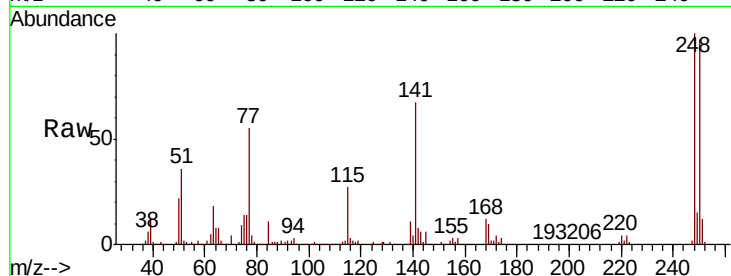
#67
 4-Bromophenyl-phenylether
 Concen: 40.045 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion:	248	Resp:	214164
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.6	118.0
141	67.4	60.0	90.0

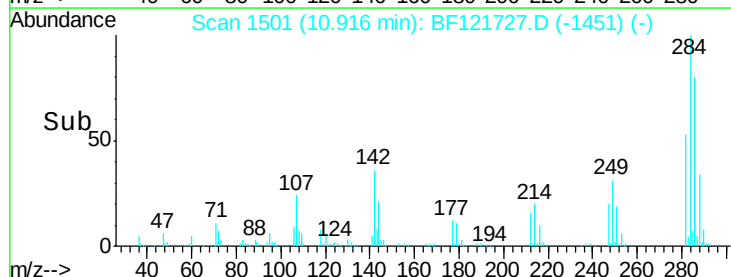
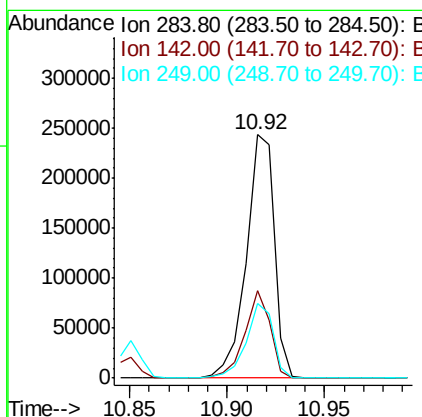
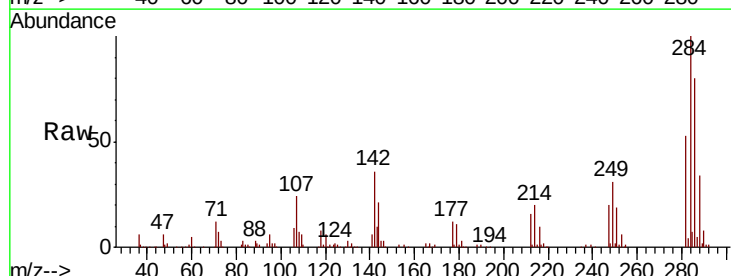
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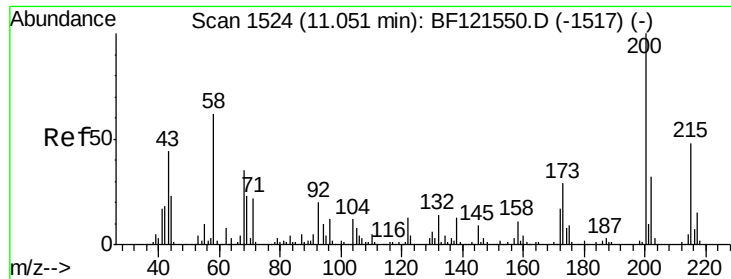
mohammad
 10/1/2020 11:45:05 AM



#68
 Hexachlorobenzene
 Concen: 40.176 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion:	284	Resp:	242479
Ion Ratio	Lower	Upper	
284	100		
142	35.8	24.1	36.1
249	30.6	23.8	35.8





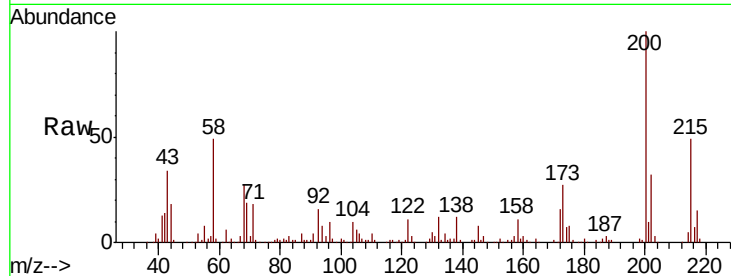
#69
Atrazine
Concen: 38.167 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	7.9	47.9
215	49.1	28.3	68.3

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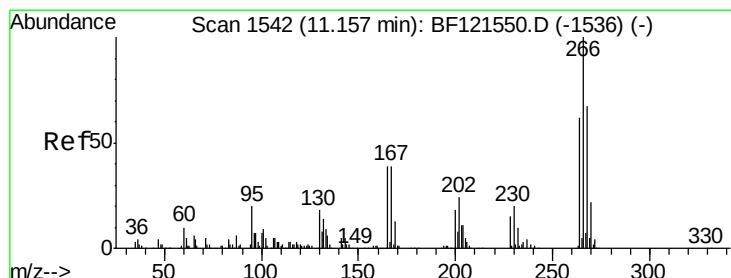
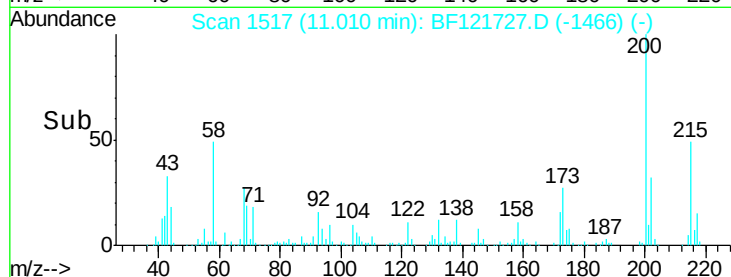
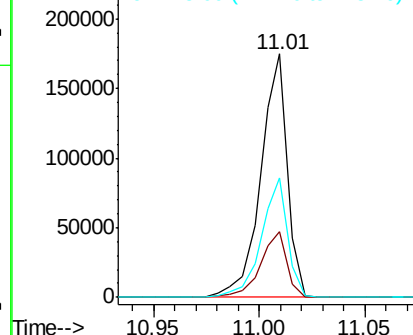


Abundance

Ion 200.00 (199.70 to 200.70): E

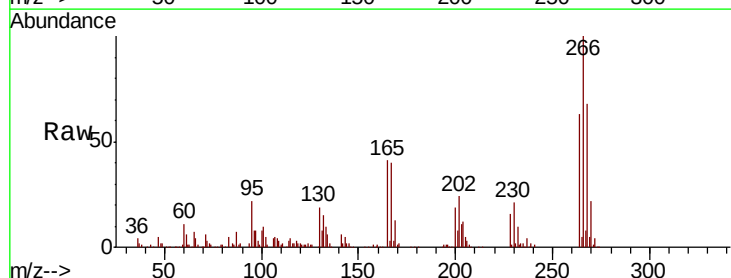
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 47.896 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.2	53.2	79.8
264	63.4	50.1	75.1

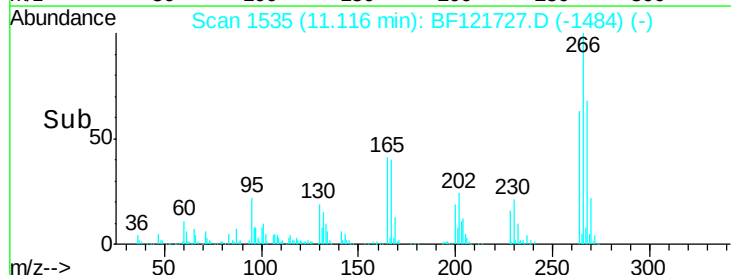
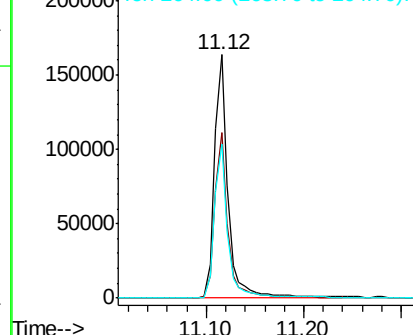


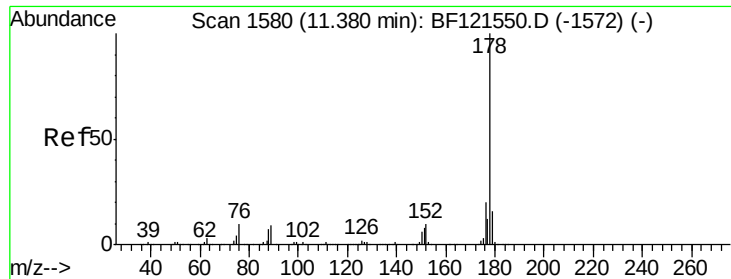
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





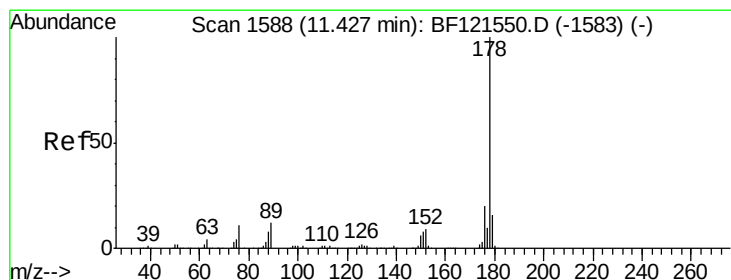
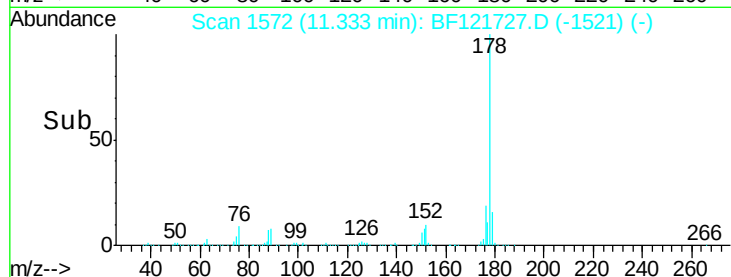
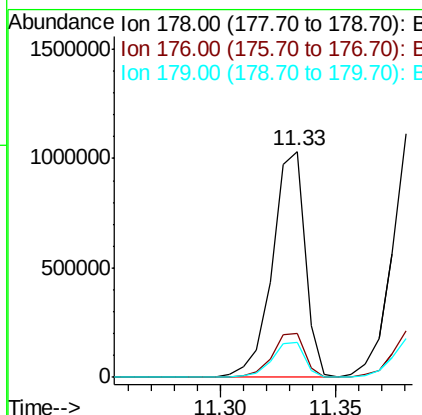
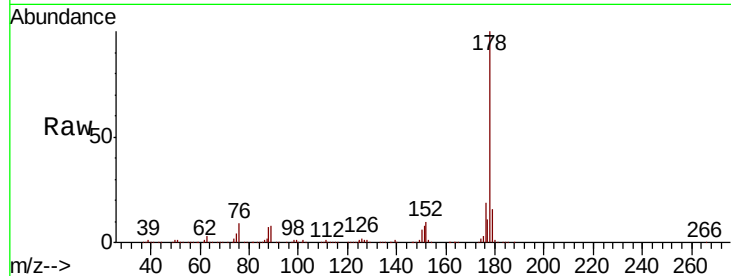
#71
Phenanthrene
Concen: 39.641 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion:178 Resp: 1014514
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.6 12.6 19.0

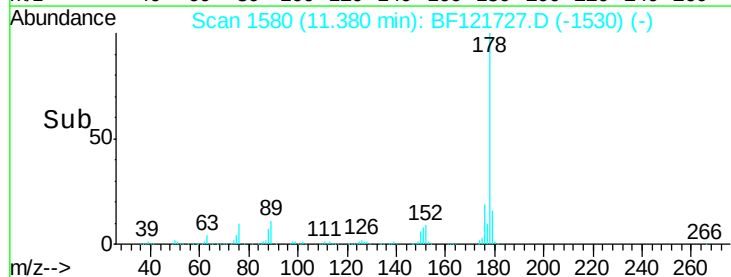
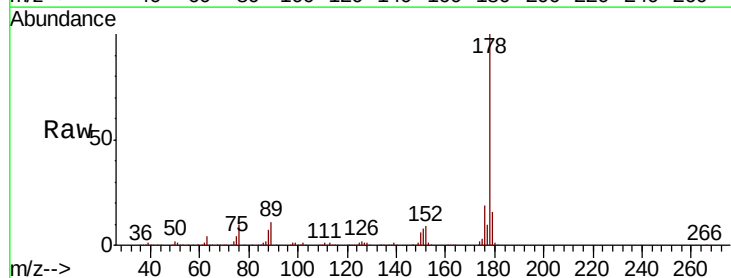
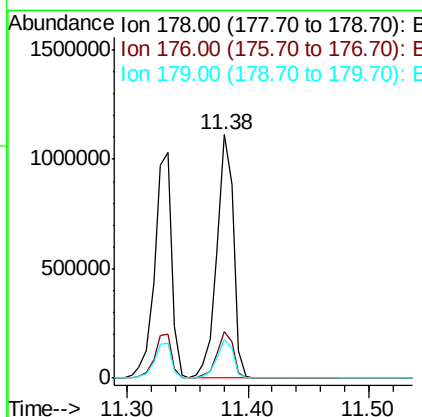
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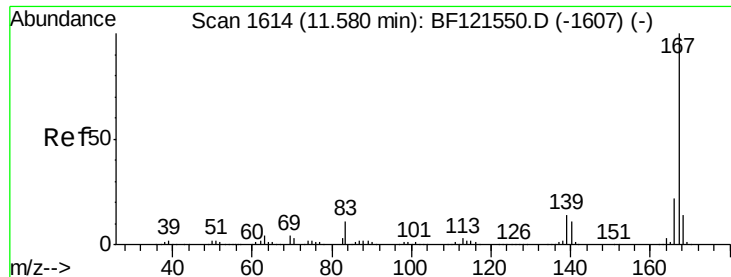
mohammad
10/1/2020 11:45:05 AM



#72
Anthracene
Concen: 39.467 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion:178 Resp: 1042356
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.8 12.6 19.0





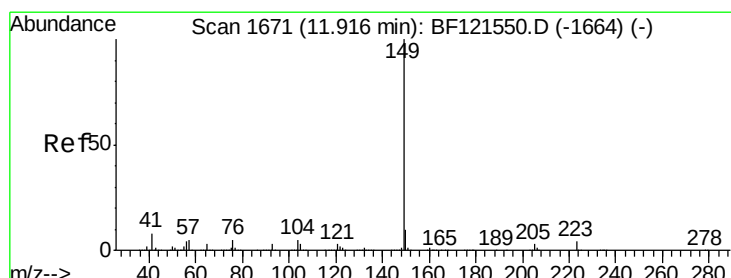
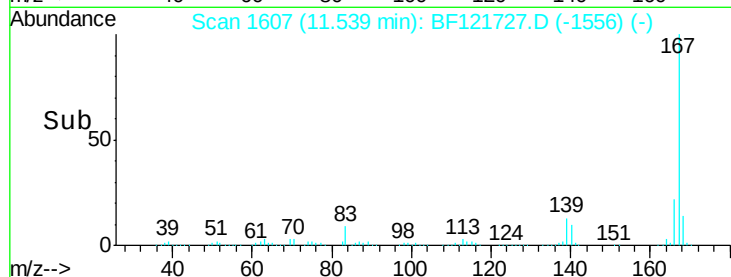
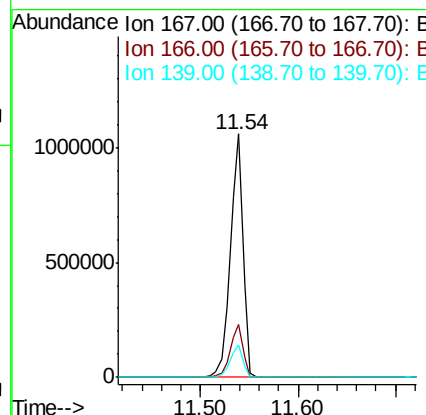
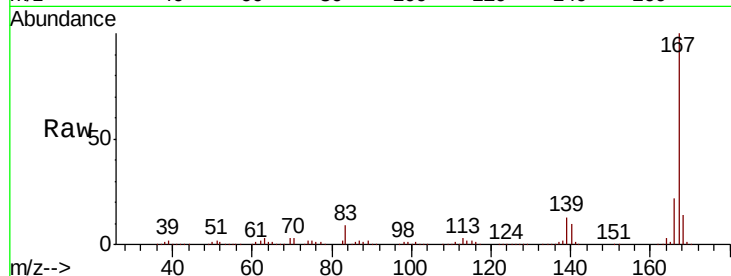
#73
 Carbazole
 Concen: 39.826 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	949168		
166	21.7		17.7	26.5
139	13.3		10.9	16.3

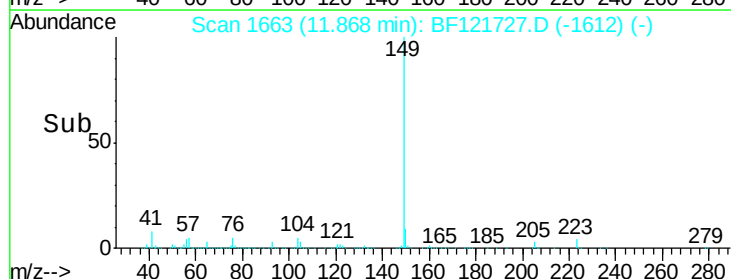
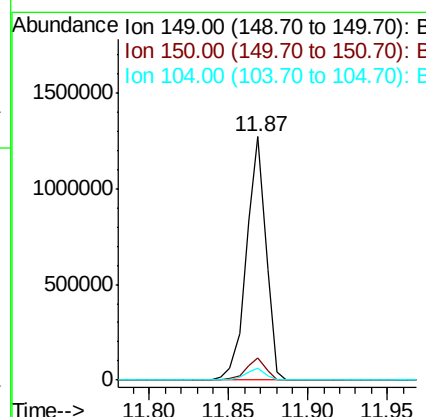
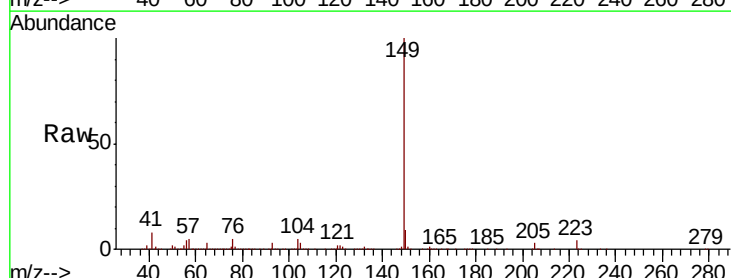
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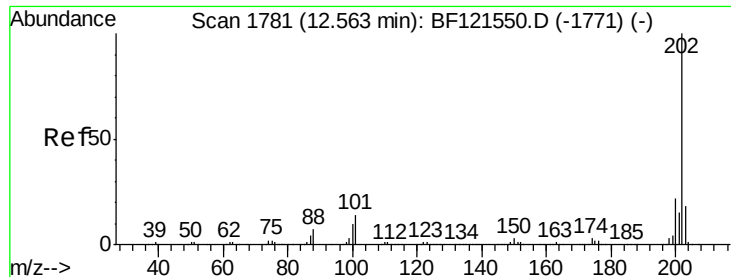
mohammad
 10/1/2020 11:45:05 AM



#74
 Di-n-butylphthalate
 Concen: 39.056 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1074336		
150	9.2		7.6	11.4
104	5.1		4.2	6.4





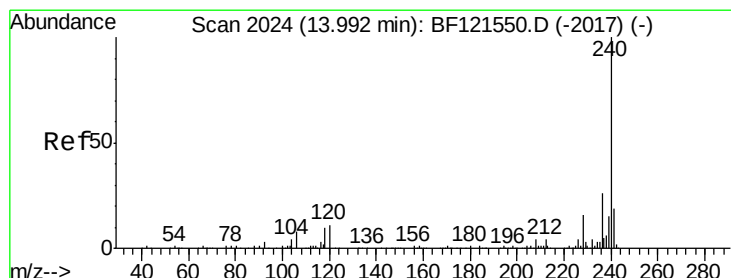
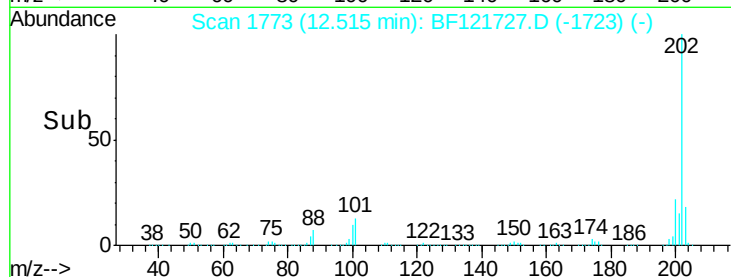
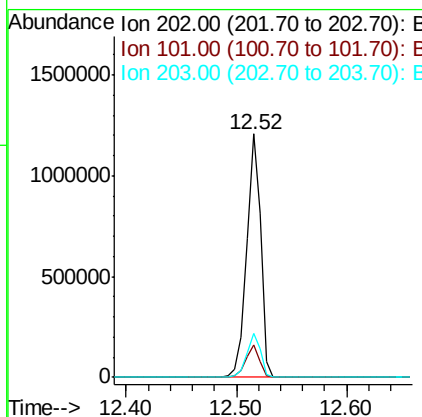
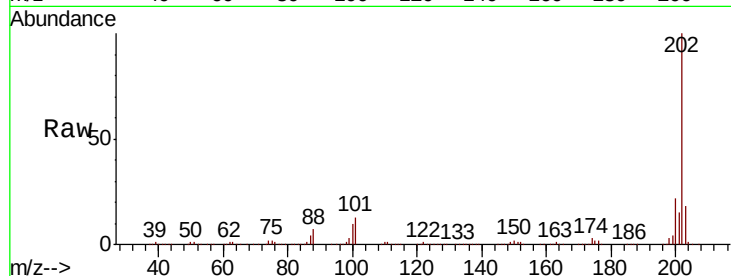
#75
Fluoranthene
Concen: 39.503 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.0
203	18.2	0.0	38.0

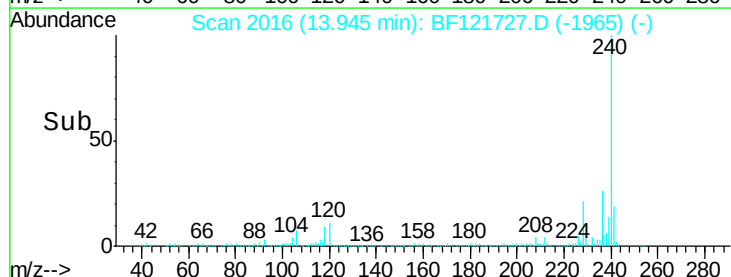
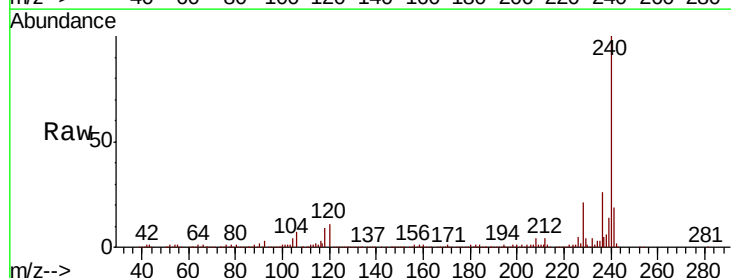
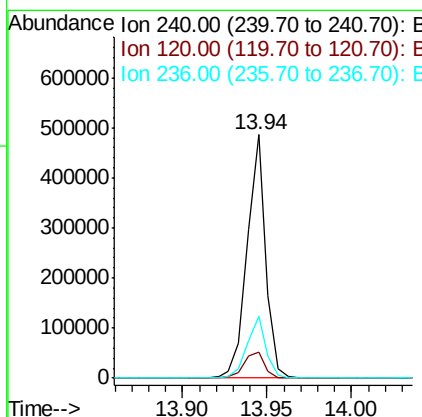
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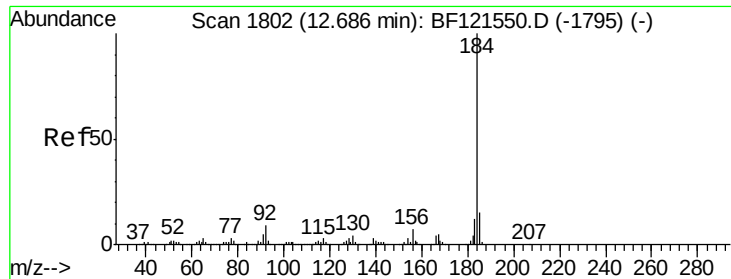
mohammad
10/1/2020 11:45:05 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.2	15.4
236	25.6	20.4	30.6





#77

Benzidine

Concen: 34.059 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

Instrument :

BNA_F

ClientSampleId :

SP-1-IMS

Tot Ion:184 Resp: 420892

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

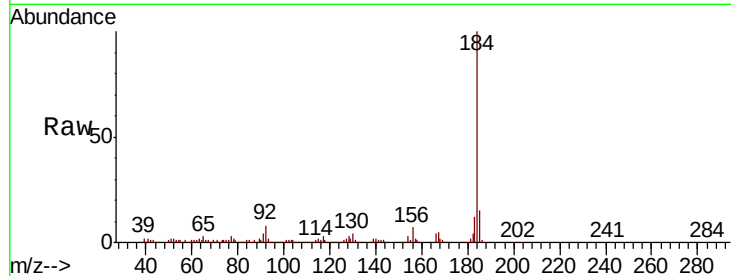
183 11.8 9.3 13.9

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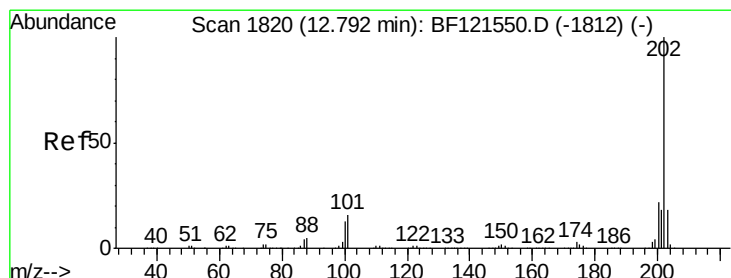
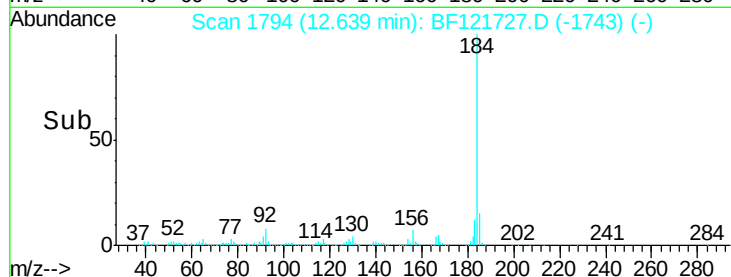
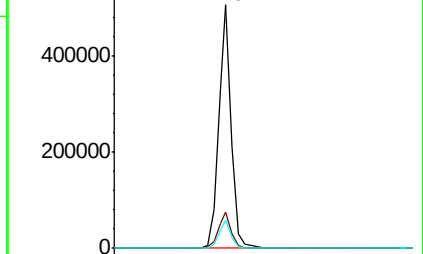


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.64



#78

Pyrene

Concen: 40.454 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF121727.D

Acq: 29 Sep 2020 13:00

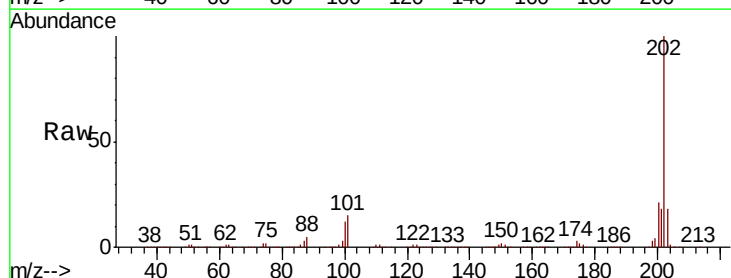
Tgt Ion:202 Resp: 1101765

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

203 17.7 14.5 21.7

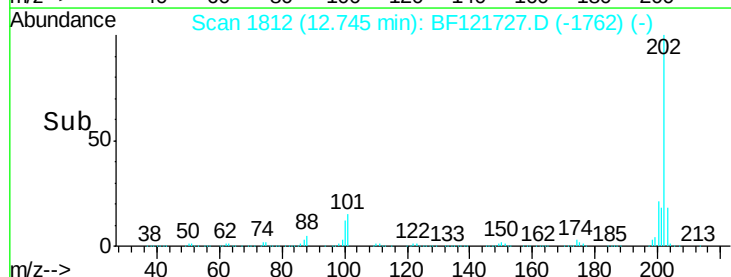
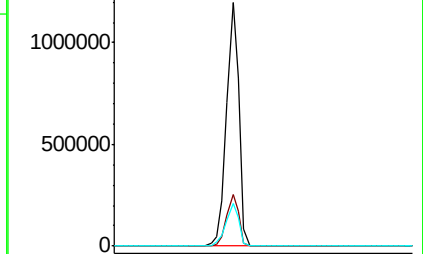


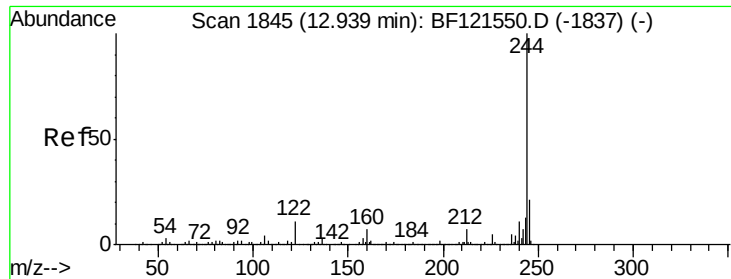
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.74





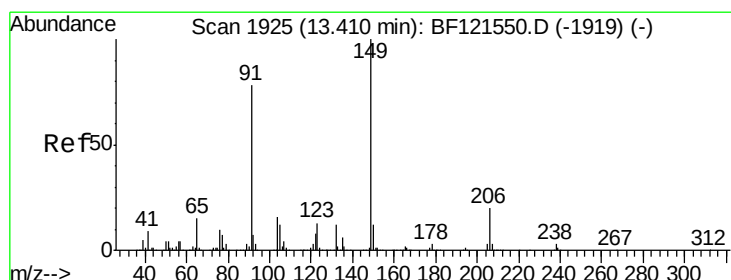
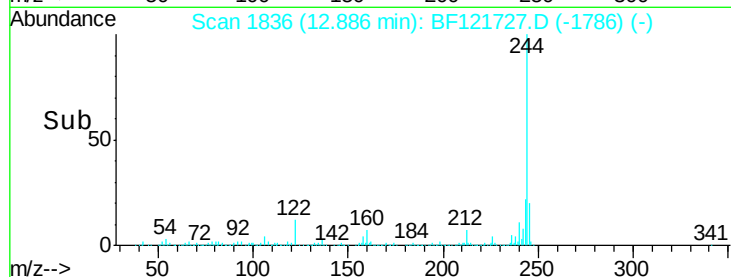
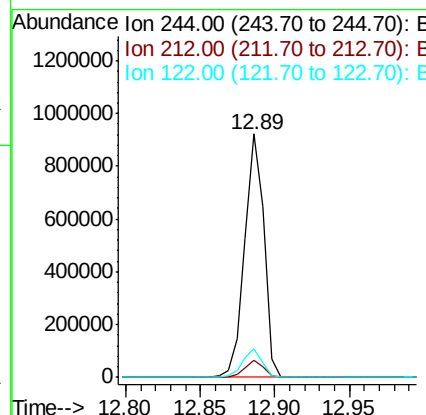
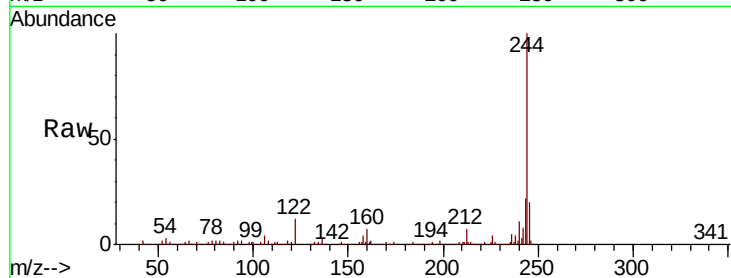
#79
 Terphenyl-d14
 Concen: 45.178 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.7	9.0	13.4

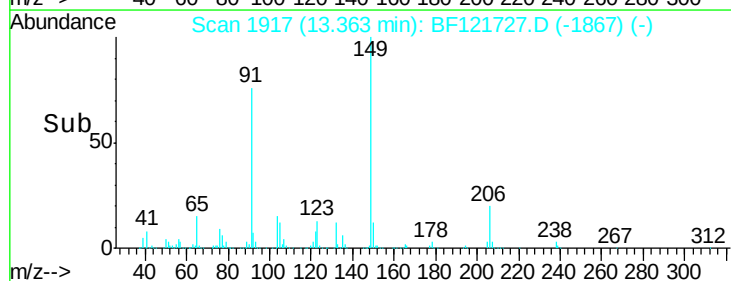
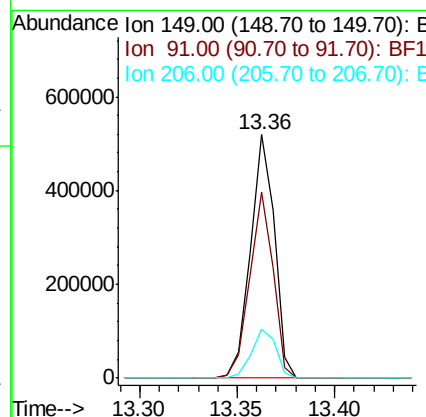
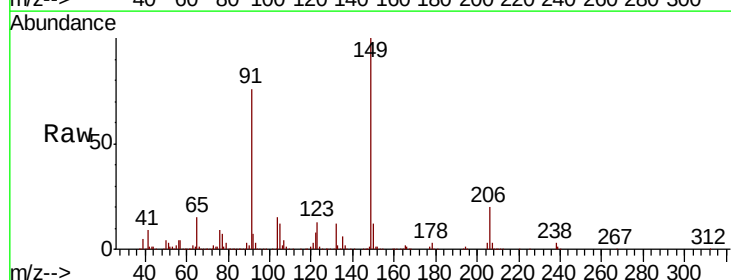
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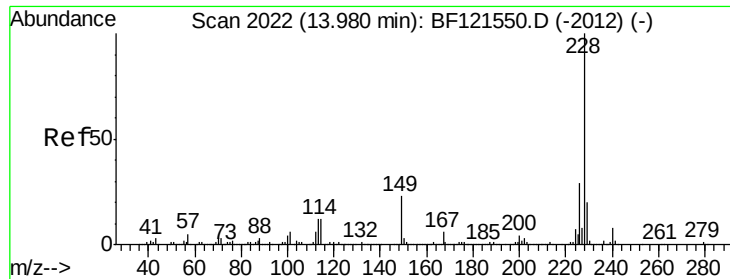
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.265 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.2	56.0	84.0
206	20.0	17.4	26.0





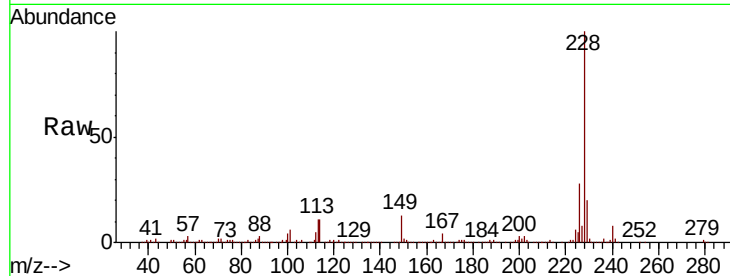
#81
Benzo(a)anthracene
Concen: 39.905 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

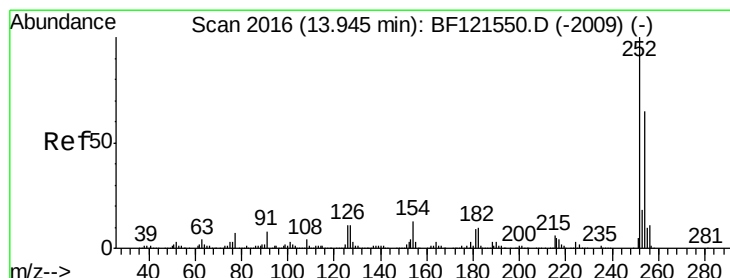
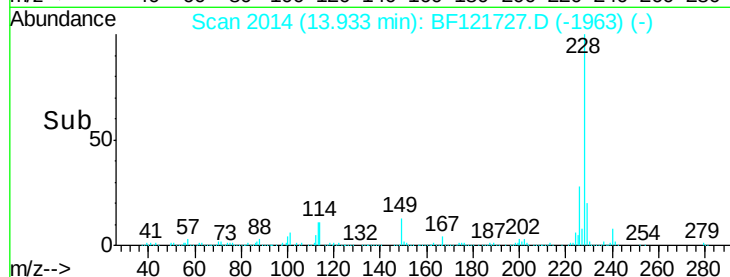
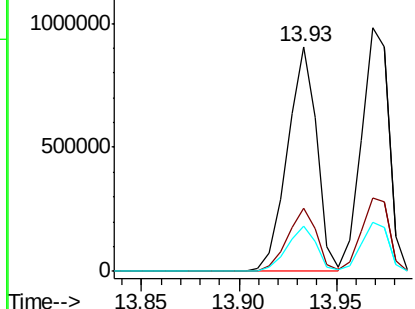
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.0	16.2	24.4

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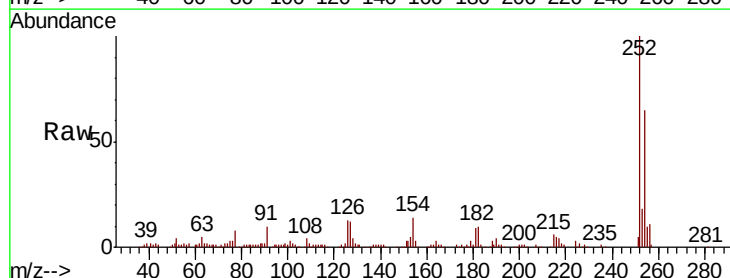


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

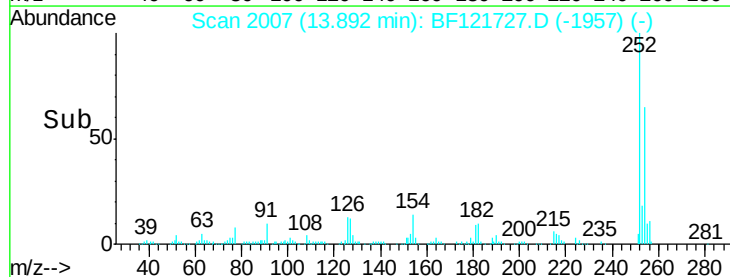
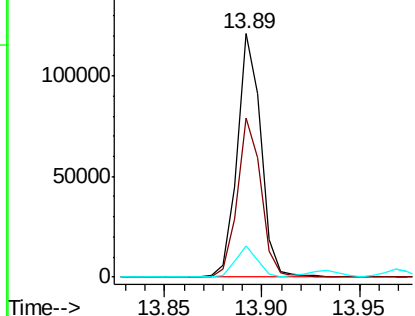


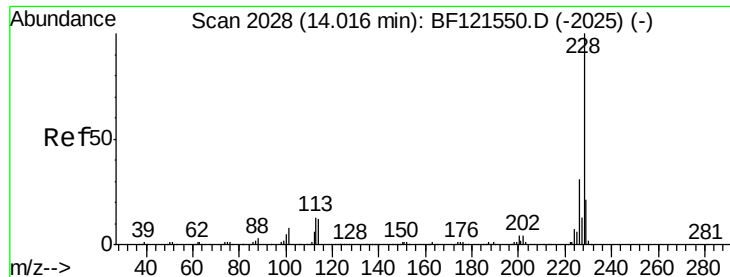
#82
3,3'-Dichlorobenzidine
Concen: 11.037 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.7	76.1
126	12.7	10.2	15.2



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





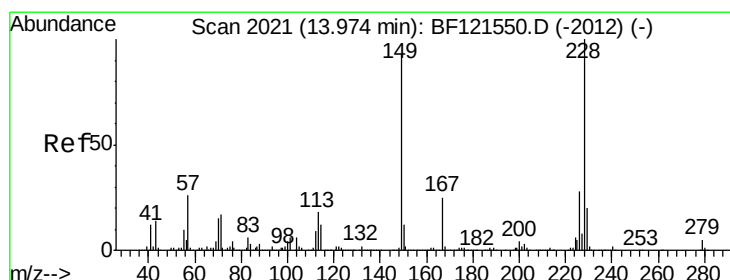
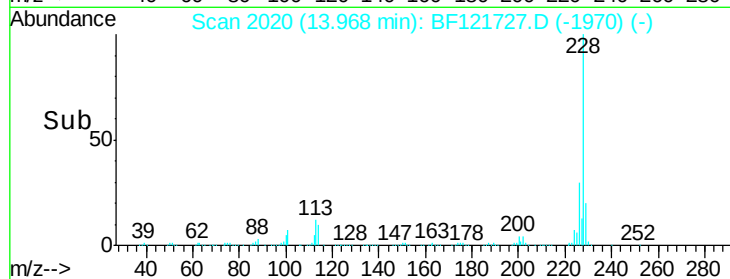
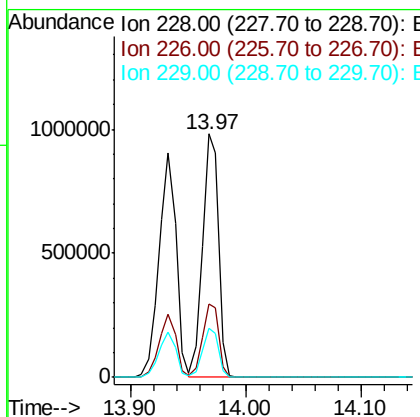
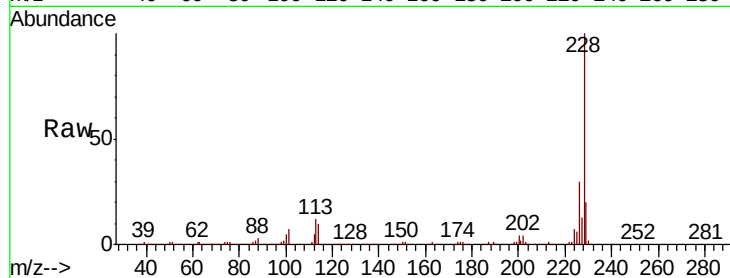
#83
Chrysene
Concen: 39.911 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	20.0	16.4	24.6

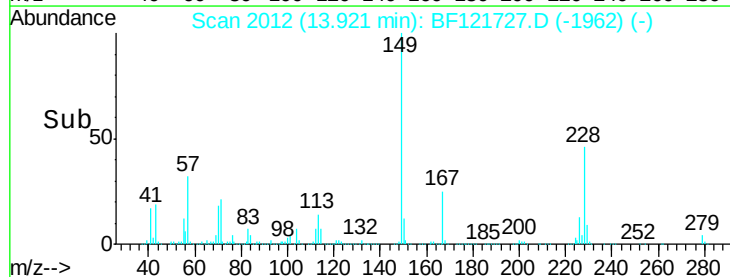
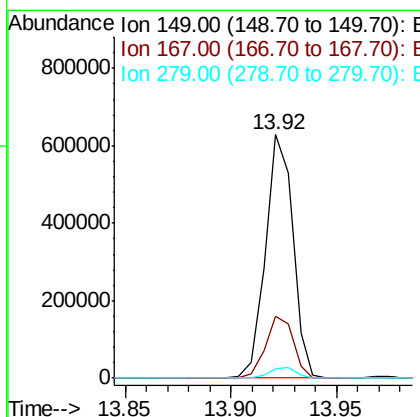
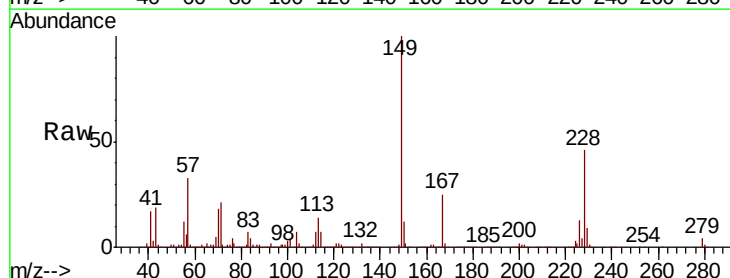
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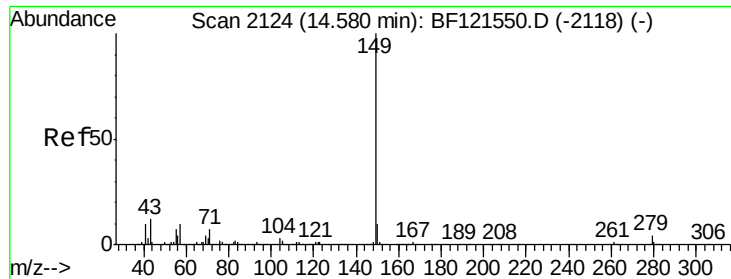
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.800 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.8	32.6
279	3.6	3.9	5.9





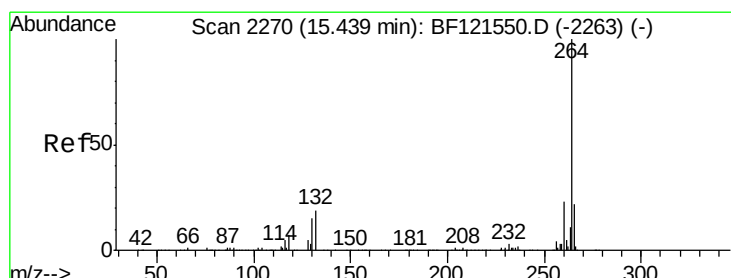
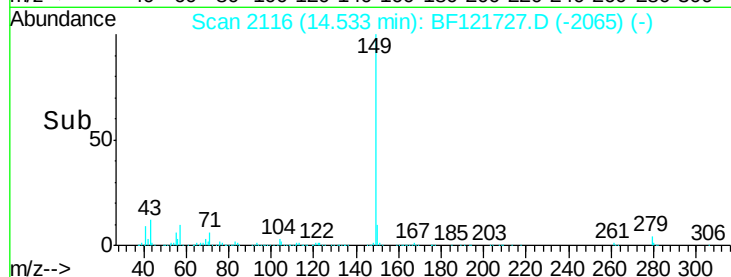
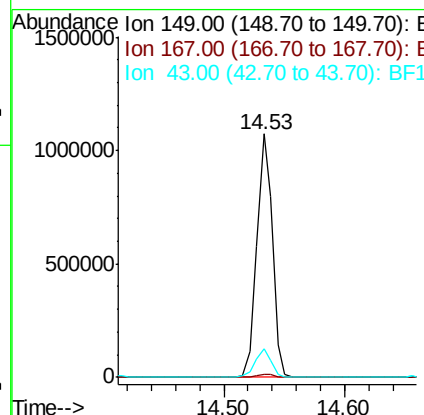
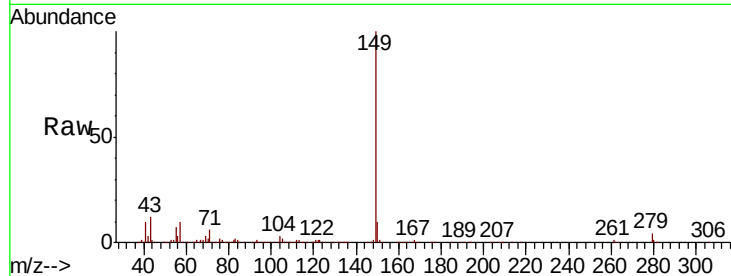
#85
Di-n-octyl phthalate
Concen: 37.214 ng
RT: 14.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampled :
SP-1-IMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.2	9.0	13.6

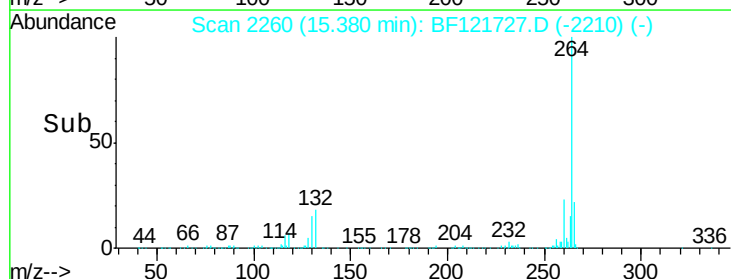
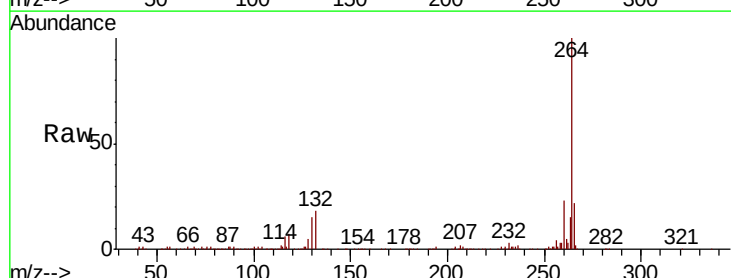
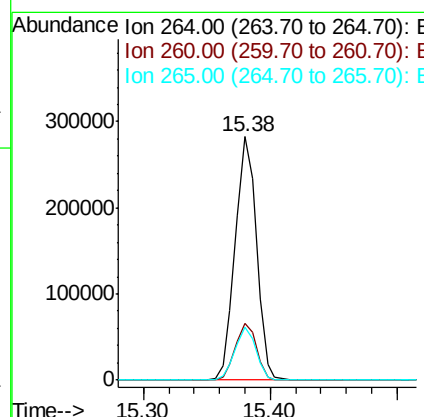
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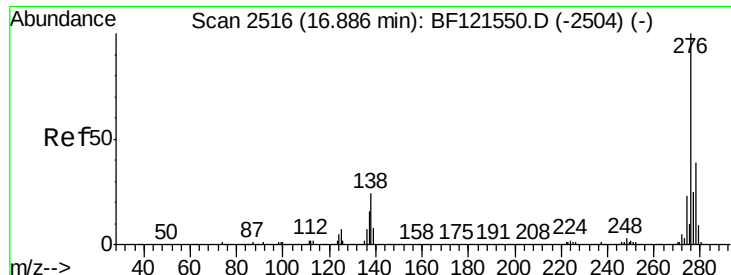
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.9	17.3	25.9





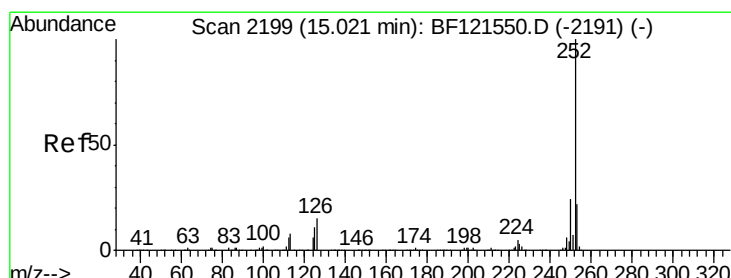
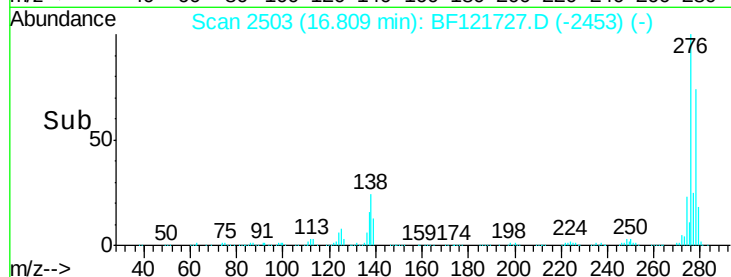
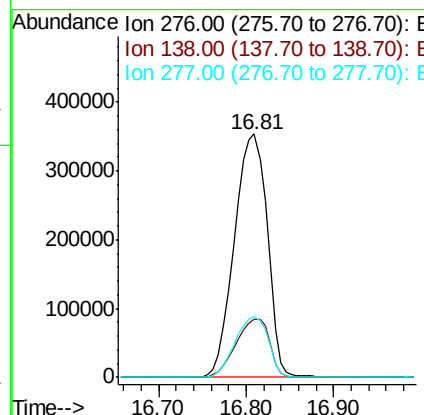
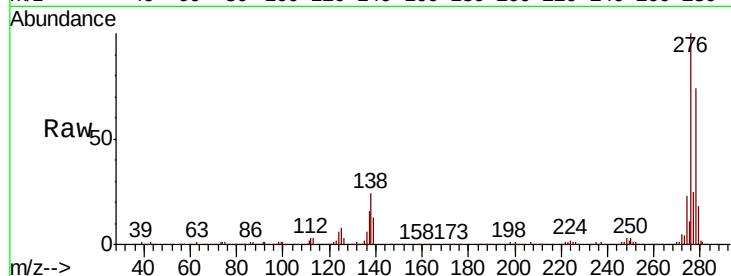
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.439 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-IMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.0
277	25.3	20.4	30.6

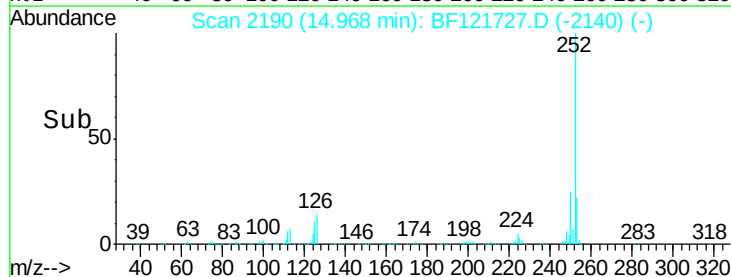
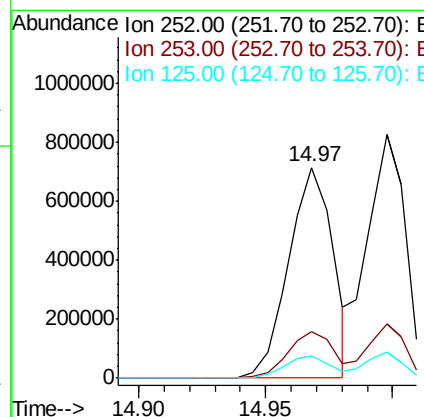
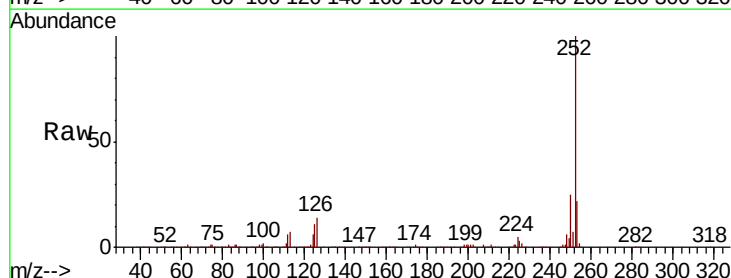
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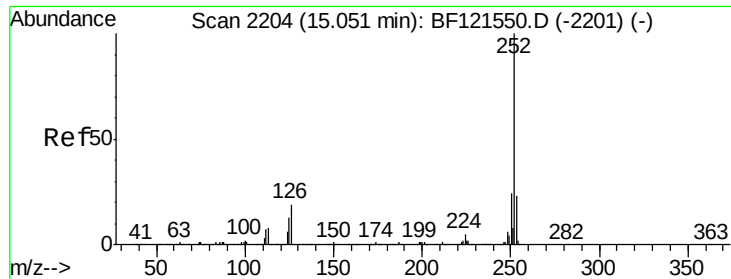
mohammad
 10/1/2020 11:45:05 AM



#88
 Benzo(b)fluoranthene
 Concen: 39.844 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF121727.D
 Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.8	8.0	12.0





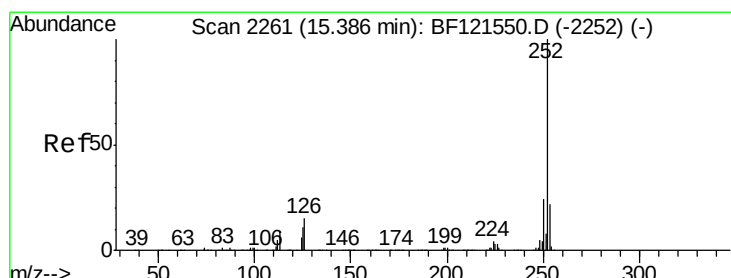
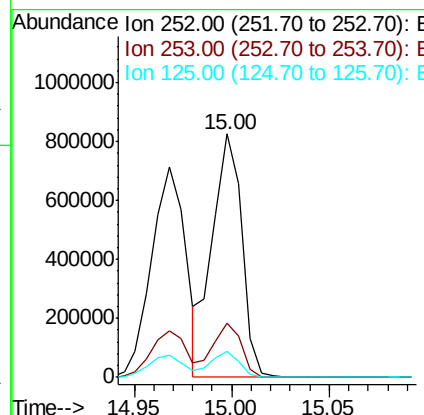
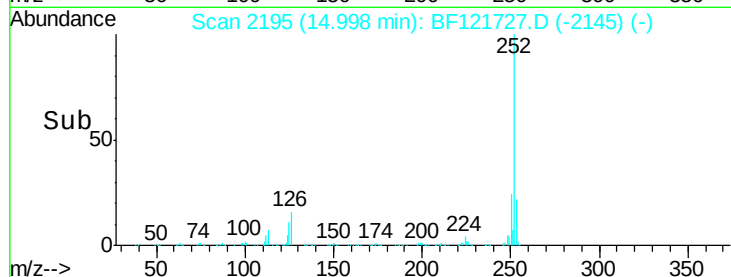
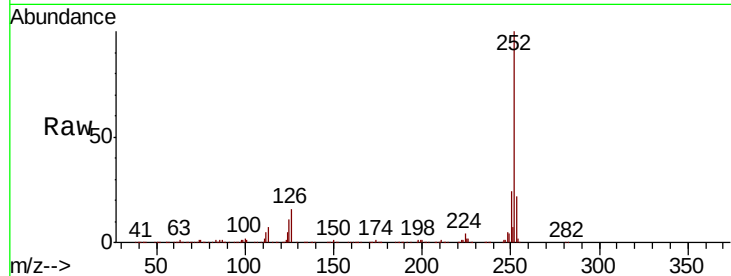
#89
Benzo(k)fluoranthene
Concen: 43.306 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampled :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.9	7.8	11.6

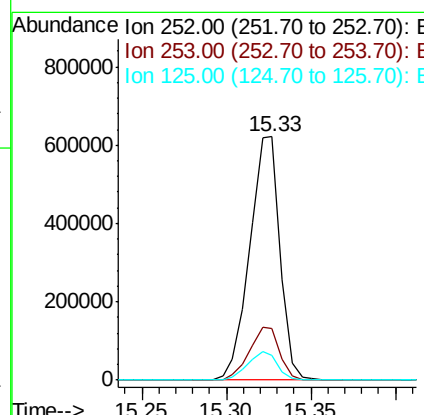
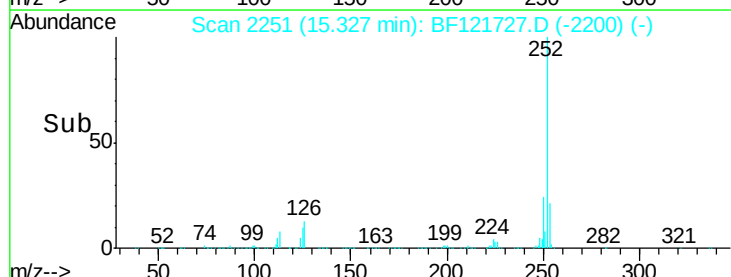
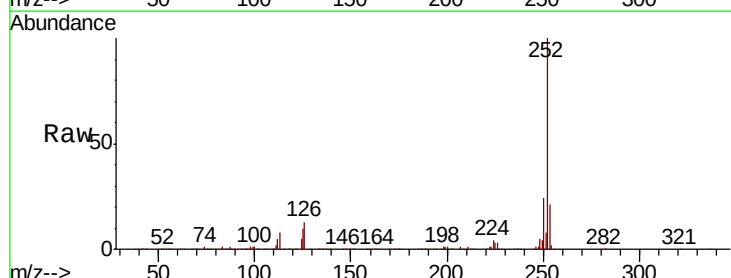
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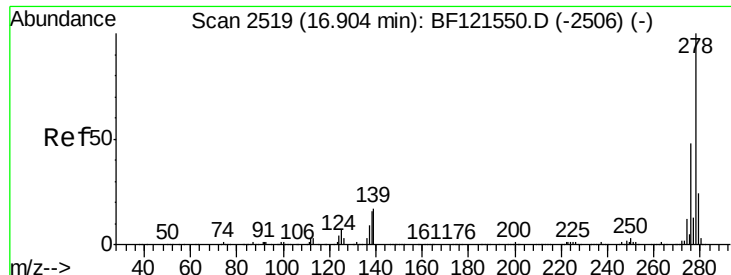
mohammad
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#90
Benzo(a)pyrene
Concen: 41.847 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.2	9.2	13.8





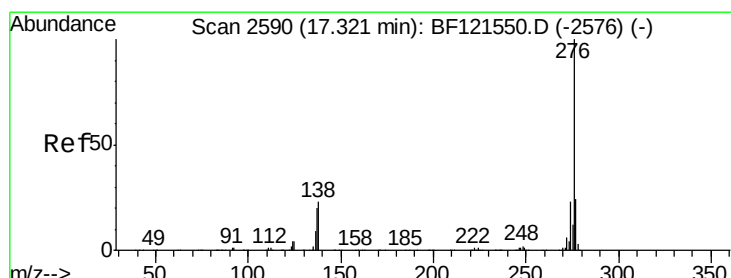
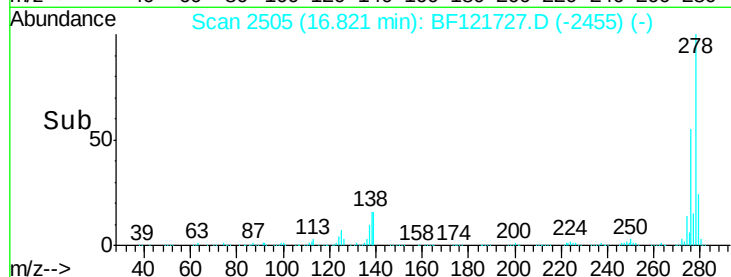
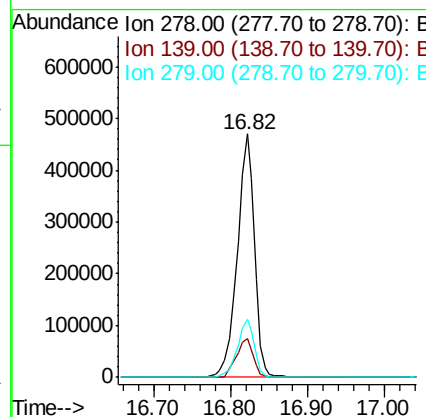
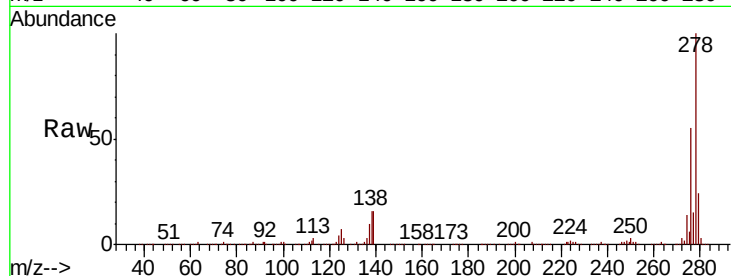
#91
Dibenzo(a,h)anthracene
Concen: 41.567 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Instrument :
BNA_F
ClientSampleId :
SP-1-IMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.5	18.7
279	24.0	19.2	28.8

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#92
Benzo(g,h,i)perylene
Concen: 44.023 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.01 min
Lab File: BF121727.D
Acq: 29 Sep 2020 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	20.3	16.7	25.1

