

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080320\
 Data File : BF121179.D
 Acq On : 3 Aug 2020 16:46
 Operator : JU/CG
 Sample : L3521-07MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Manual Integrations
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mohammad
 8/5/2020 10:24:53 AM

Quant Time: Aug 03 17:19:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139249	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	537042	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	281643	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	542195	20.00	ng	0.00
76) Chrysene-d12	13.97	240	382717	20.00	ng	0.00
86) Perylene-d12	15.42	264	381965	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	787660	92.73	ng	0.00
7) Phenol-d6	6.44	99	986917	89.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	646615	69.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	308461	100.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1207446	64.01	ng	0.00
79) Terphenyl-d14	12.91	244	1256743	71.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	147358	37.695	ng	98
3) Pyridine	3.26	79	367391	35.328	ng	100
4) n-Nitrosodimethylamine	3.22	42	188348	42.355	ng	98
6) Aniline	6.46	93	517509	36.133	ng	# 76
8) 2-Chlorophenol	6.58	128	444566	47.510	ng	99
9) Benzaldehyde	6.35	77	280629	60.329	ng	99
10) Phenol	6.45	94	520546	43.128	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	413690	44.723	ng	99
12) 1,3-Dichlorobenzene	6.73	146	433440	42.717	ng	97
13) 1,4-Dichlorobenzene	6.81	146	437178	43.330	ng	98
14) 1,2-Dichlorobenzene	6.96	146	424819	44.507	ng	100
15) Benzyl Alcohol	6.95	79	361103	46.537	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	554765	41.609	ng	98
17) 2-Methylphenol	7.06	107	360324	43.445	ng	100
18) Hexachloroethane	7.30	117	159913	43.790	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	268523	43.038	ng	99
20) 3+4-Methylphenols	7.21	107	404022	38.295	ng	89
22) Acetophenone	7.20	105	550534	45.677	ng	95
24) Nitrobenzene	7.38	77	445027	44.488	ng	99
25) Isophorone	7.62	82	824570	44.515	ng	98
26) 2-Nitrophenol	7.70	139	246179	51.817	ng	97
27) 2,4-Dimethylphenol	7.74	122	393261	50.983	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	526421	46.557	ng	99
29) 2,4-Dichlorophenol	7.95	162	372187	47.219	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	391546	44.774	ng	98
31) Naphthalene	8.10	128	1205879	43.774	ng	100
32) Benzoic acid	7.89	122	233167	40.268	ng	99
33) 4-Chloroaniline	8.15	127	353259	28.746	ng	99
34) Hexachlorobutadiene	8.22	225	220270	42.727	ng	99
35) Caprolactam	8.55	113	128121m	50.687	ng	
36) 4-Chloro-3-methylphenol	8.65	107	393301	48.652	ng	98
37) 2-Methylnaphthalene	8.79	142	842575	47.106	ng	100
38) 1-Methylnaphthalene	8.89	142	797570	47.080	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	386308	47.077	ng	100

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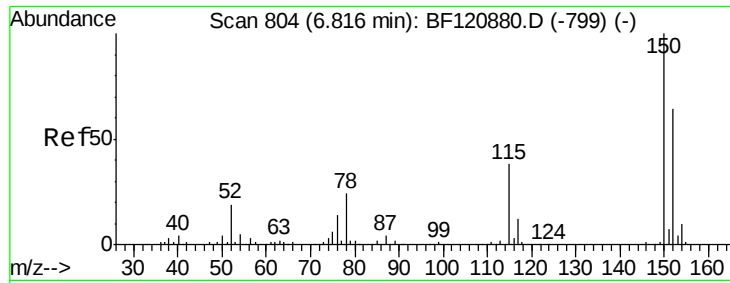
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	322354	71.078	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	274519	47.514	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	294099	44.875	ng	99
46) 1,1'-Biphenyl	9.26	154	1006427	46.846	ng	98
47) 2-Chloronaphthalene	9.29	162	781883	44.639	ng	99
48) 2-Nitroaniline	9.39	65	250043	47.237	ng	92
49) Acenaphthylene	9.70	152	1254519	46.103	ng	100
50) Dimethylphthalate	9.57	163	1075554	52.934	ng	99
51) 2,6-Dinitrotoluene	9.63	165	214525	49.143	ng	99
52) Acenaphthene	9.87	154	723565	41.824	ng	100
53) 3-Nitroaniline	9.80	138	160874	29.384	ng	96
54) 2,4-Dinitrophenol	9.91	184	203623	80.950	ng	96
55) Dibenzofuran	10.05	168	1092005	43.650	ng	99
56) 4-Nitrophenol	9.97	139	353936	85.104	ng	99
57) 2,4-Dinitrotoluene	10.03	165	277741	48.450	ng	90
58) Fluorene	10.39	166	823819	44.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248876	49.876	ng	100
60) Diethylphthalate	10.26	149	952705	46.356	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	405347	40.730	ng	95
62) 4-Nitroaniline	10.42	138	234081	43.892	ng	97
63) Azobenzene	10.54	77	875087	44.725	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	142059	45.489	ng	100
66) n-Nitrosodiphenylamine	10.50	169	798595	46.821	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	276496	45.739	ng	97
68) Hexachlorobenzene	10.94	284	310267	47.448	ng	97
69) Atrazine	11.03	200	231366	54.772	ng	97
70) Pentachlorophenol	11.14	266	335438	89.541	ng	99
71) Phenanthrene	11.35	178	1264988	45.364	ng	100
72) Anthracene	11.40	178	1301300	46.474	ng	100
73) Carbazole	11.56	167	1249676	44.972	ng	100
74) Di-n-butylphthalate	11.89	149	1477801	46.084	ng	100
75) Fluoranthene	12.54	202	1388542	44.924	ng	98
77) Benzidine	12.66	184	870490	86.510	ng	99
78) Pyrene	12.77	202	1416309	52.343	ng	100
80) Butylbenzylphthalate	13.39	149	647993	53.721	ng	98
81) Benzo(a)anthracene	13.96	228	1136272	49.029	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	414205	47.373	ng	99
83) Chrysene	14.00	228	1117678	45.891	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	828398	55.694	ng	# 98
85) Di-n-octyl phthalate	14.56	149	1454174	49.141	ng	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1318614	49.639	ng	100
88) Benzo(b)fluoranthene	15.00	252	1100020	47.644	ng	99
89) Benzo(k)fluoranthene	15.03	252	1060012	50.341	ng	100
90) Benzo(a)pyrene	15.36	252	995944	47.280	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1067469	49.194	ng	100
92) Benzo(g,h,i)perylene	17.29	276	1148692	53.689	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

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Instrument :

BNA_F

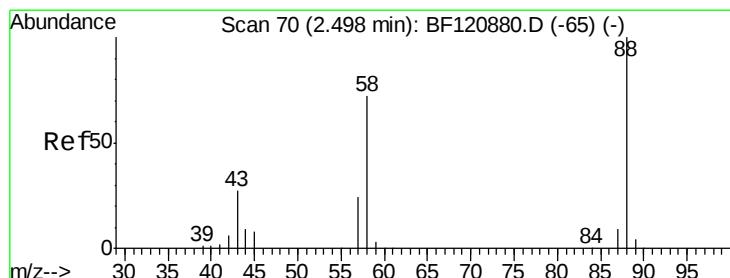
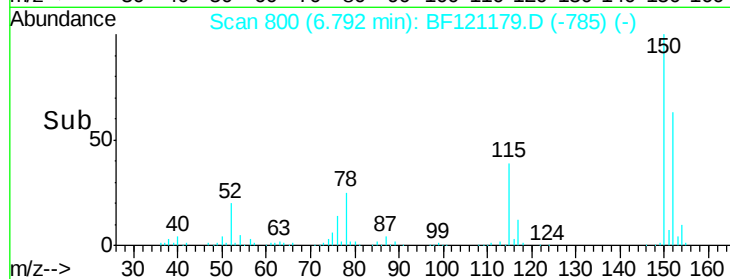
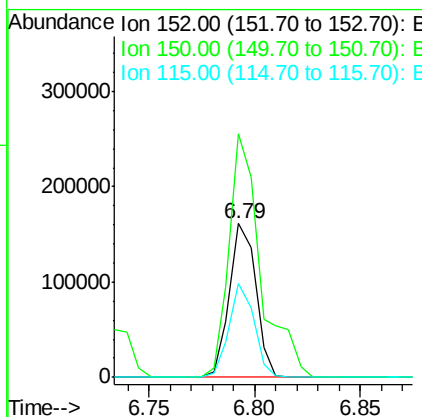
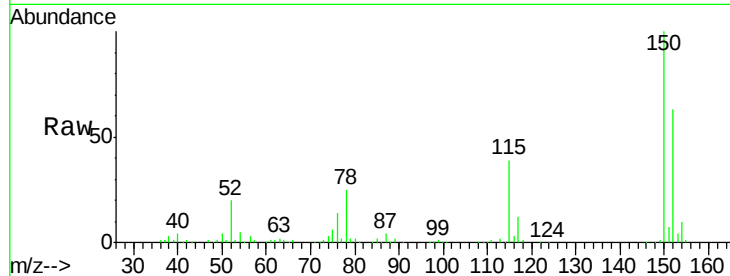
ClientSampleId :

COMP-CDMSD

Tgt Ion:	152	Resp:	139249
Ion Ratio	Lower	Upper	
152	100		
150	158.6	125.6	188.4
115	61.2	46.2	69.2

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#2

1,4-Dioxane

Concen: 37.695 ng

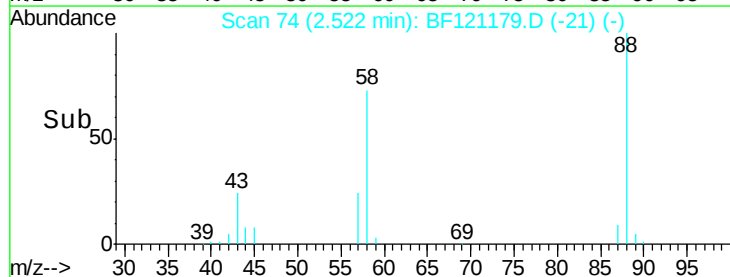
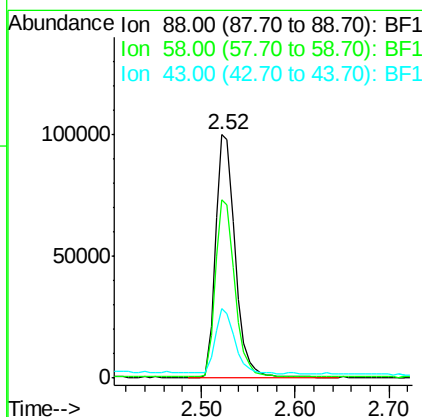
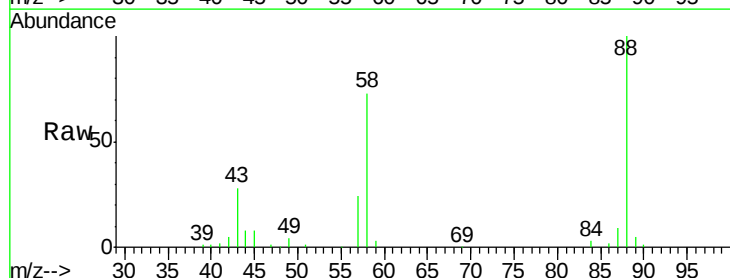
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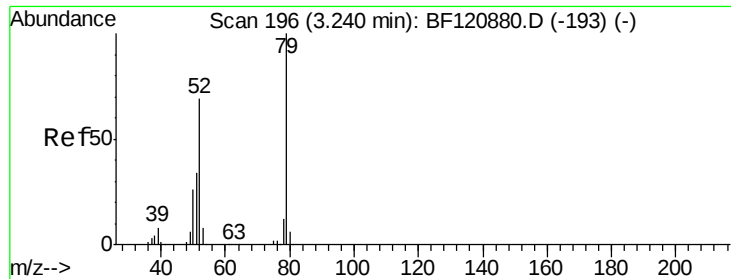
Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:	88	Resp:	147358
Ion Ratio	Lower	Upper	
88	100		
58	71.2	58.2	87.4
43	26.1	21.3	31.9





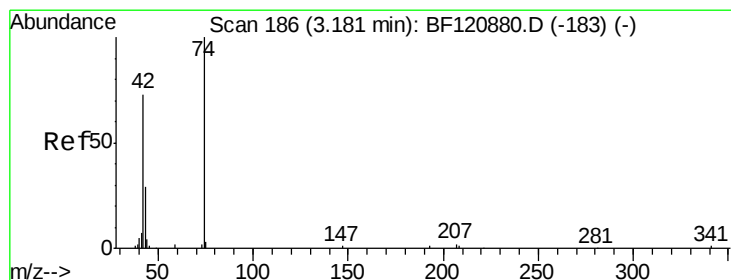
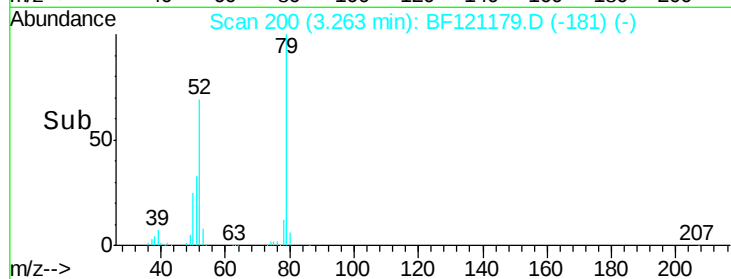
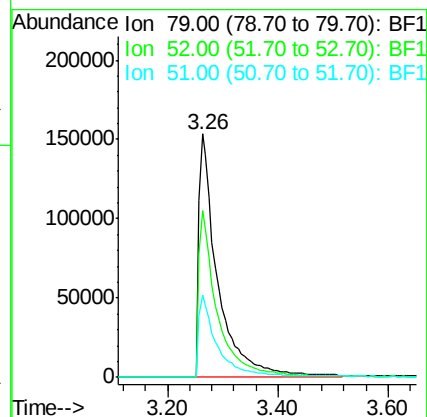
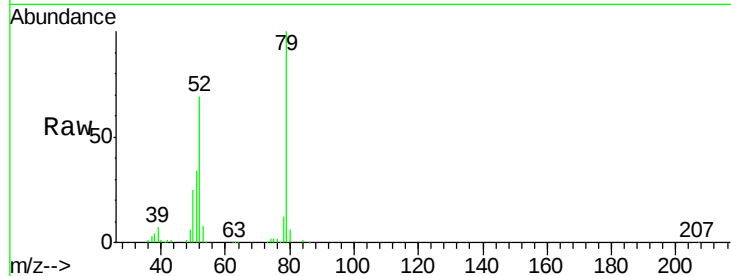
#3
 Pyridine
 Concen: 35.328 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	68.7	54.9	82.3
51	33.7	27.4	41.0

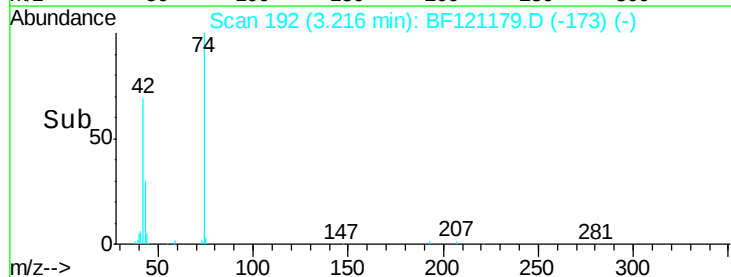
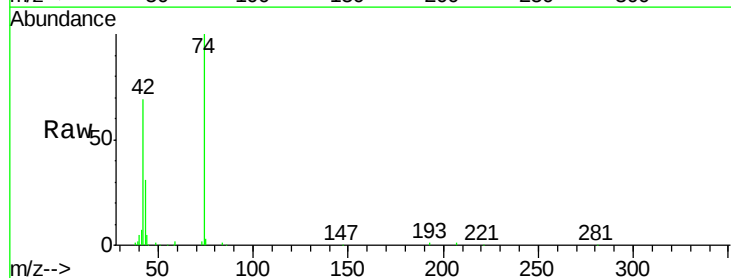
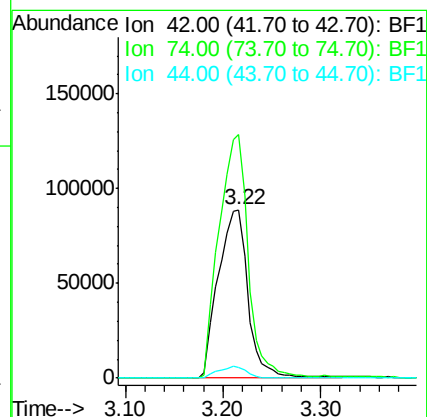
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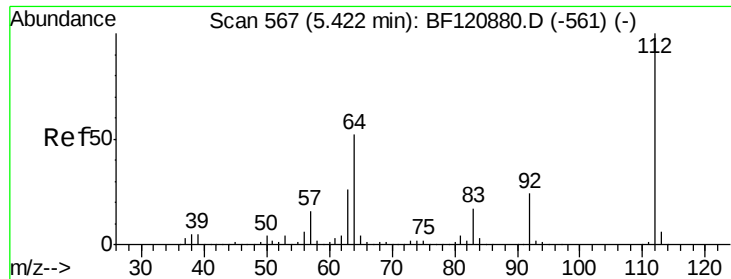
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#4
 n-Nitrosodimethylamine
 Concen: 42.355 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.4	117.3	175.9
44	6.7	5.9	8.9





#5

2-Fluorophenol

Concen: 92.730 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

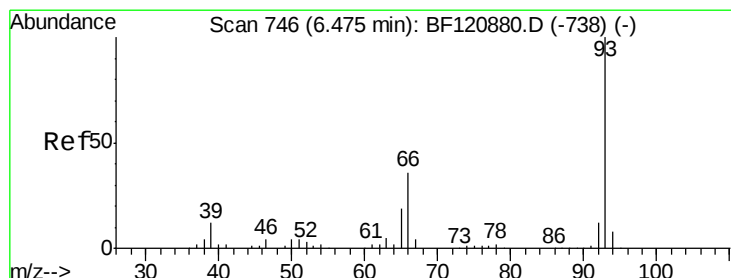
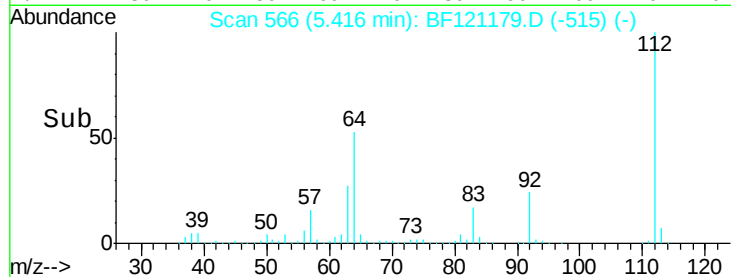
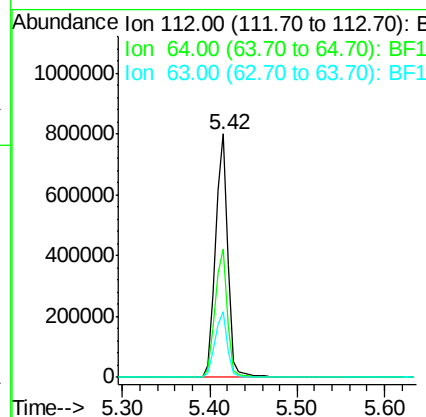
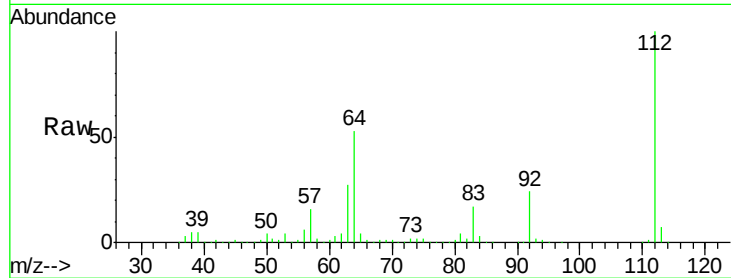
ClientSampleId :

COMP-CDMSD

Tgt Ion:	112	Resp:	787660
Ion Ratio	Lower	Upper	
112	100		
64	52.7	43.9	65.9
63	27.1	22.7	34.1

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#6

Aniline

Concen: 36.133 ng

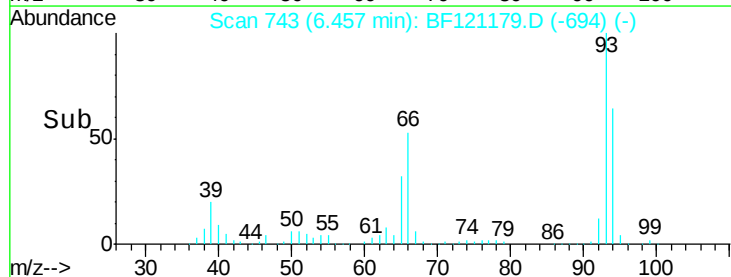
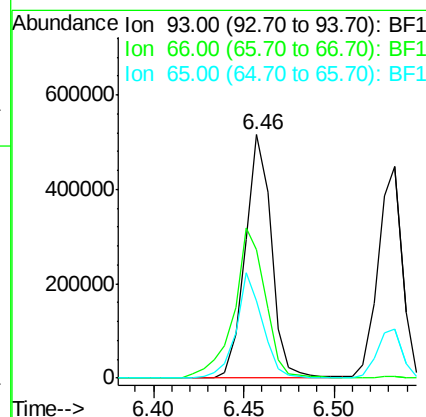
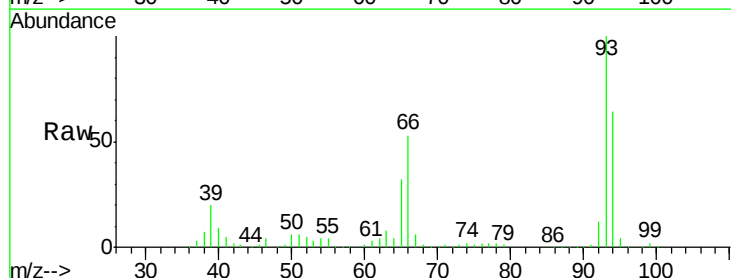
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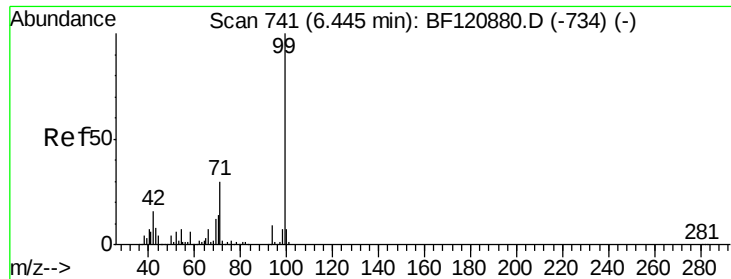
Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:	93	Resp:	517509
Ion Ratio	Lower	Upper	
93	100		
66	52.9	31.0	46.4#
65	31.9	16.2	24.4#





#7

Phenol-d6

Concen: 89.947 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121179.D

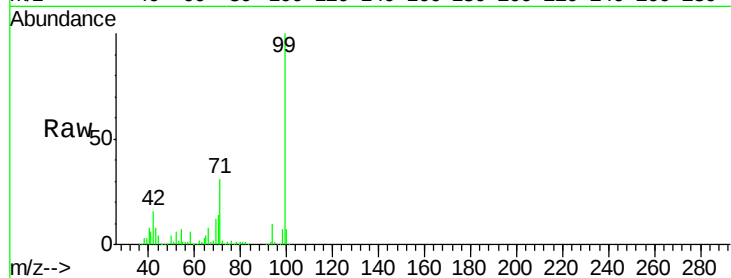
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Instrument :

BNA_F

ClientSampleId :

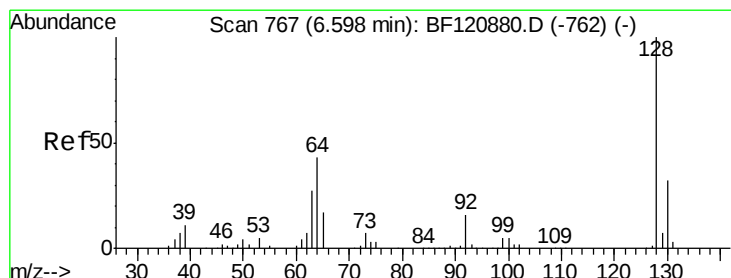
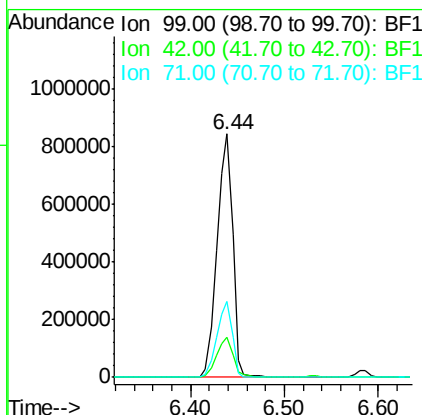
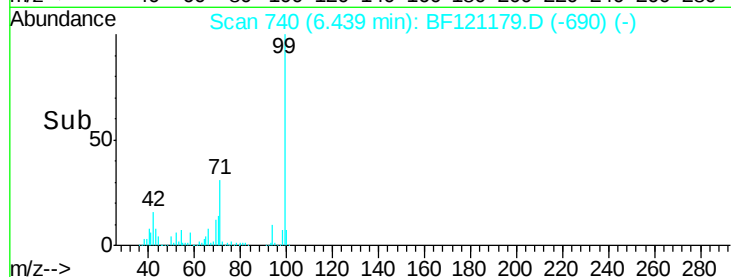
COMP-CDMSD



Tgt Ion:	99	Resp:	986917
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	31.1	25.0	37.4

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#8

2-Chlorophenol

Concen: 47.510 ng

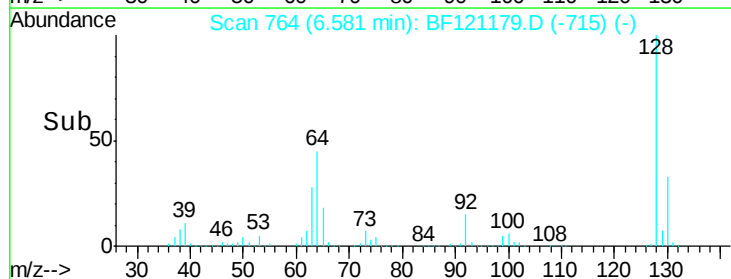
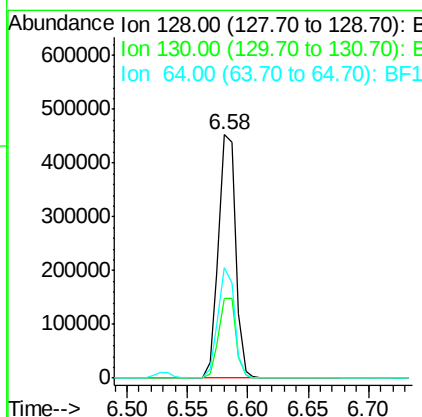
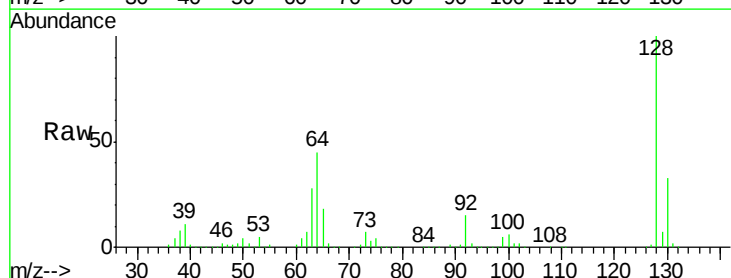
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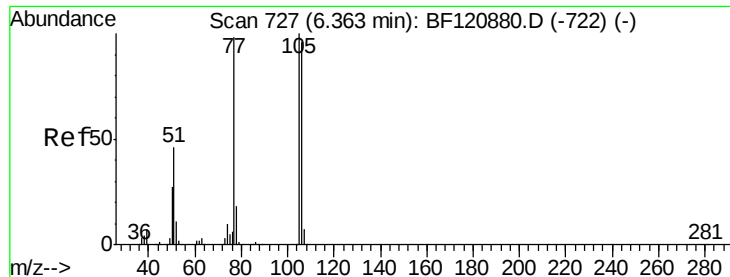
Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:	128	Resp:	444566
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.7	52.7
64	45.3	23.8	63.8





#9

Benzaldehyde

Concen: 60.329 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

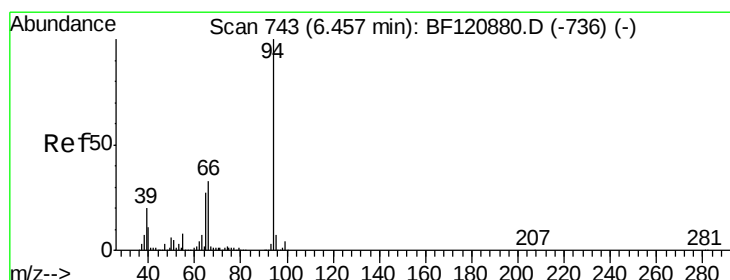
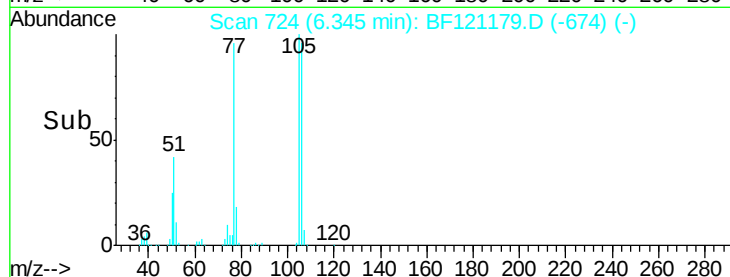
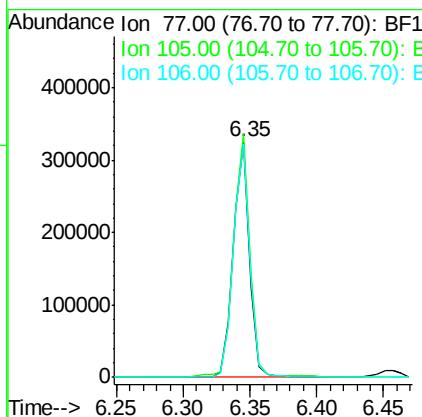
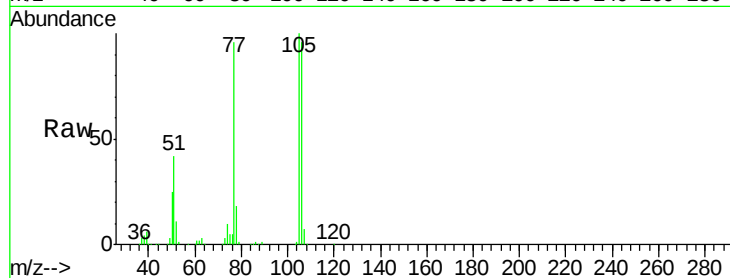
ClientSampleId :

COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.7	82.4	122.4
106	99.5	78.9	118.9

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#10

Phenol

Concen: 43.128 ng

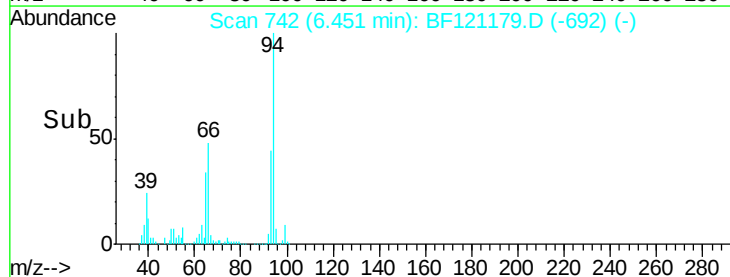
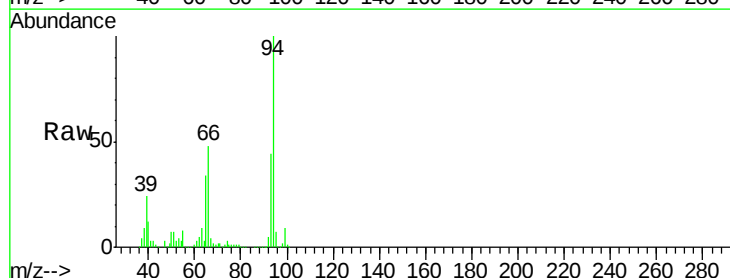
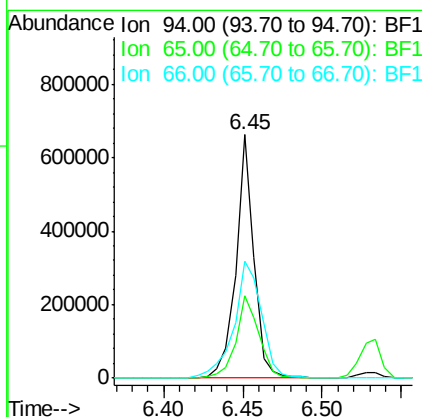
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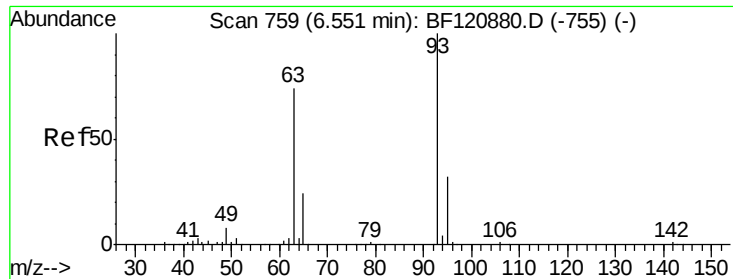
Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.6	52.6
66	47.9	25.6	65.6





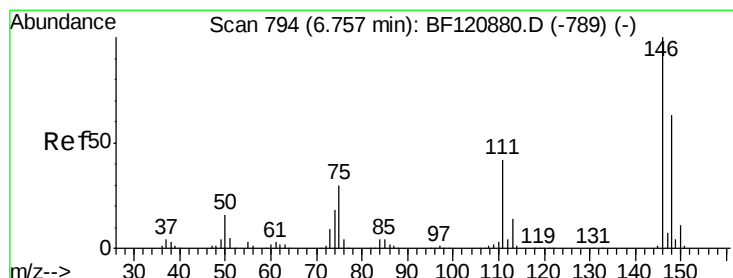
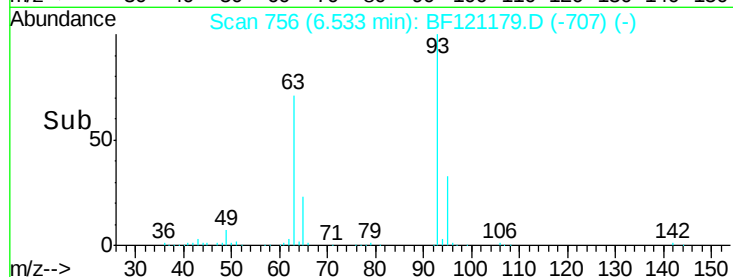
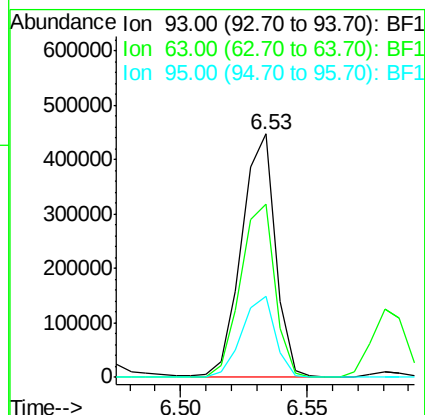
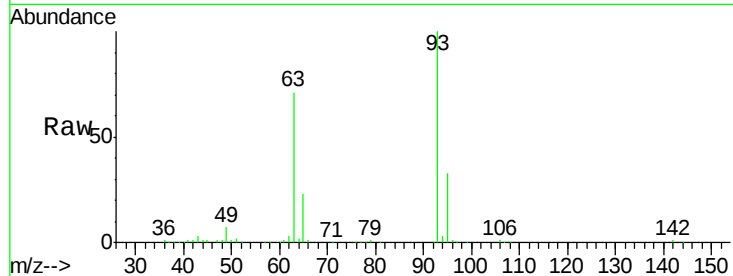
#11
bis(2-Chloroethyl)ether
Concen: 44.723 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	71.0	51.9	91.9
95	33.1	13.2	53.2

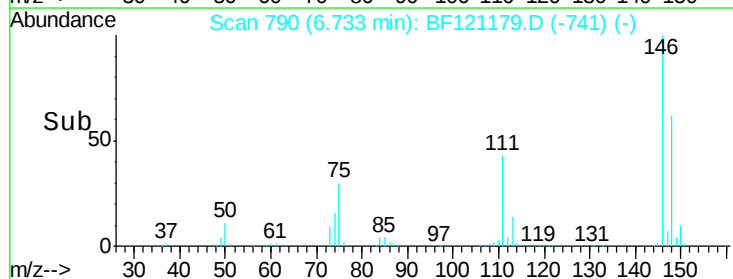
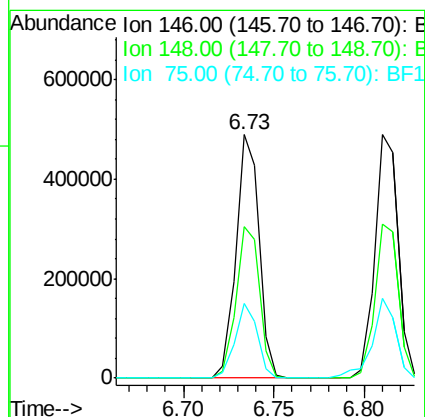
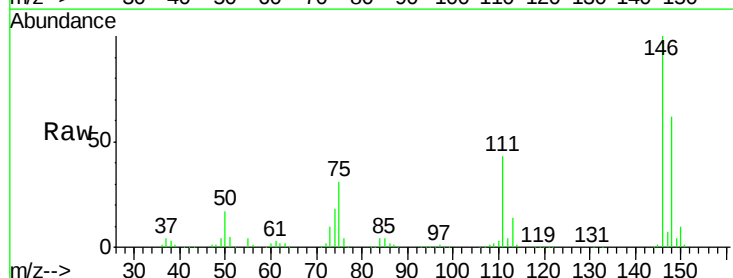
Manual Integrations
APPROVED

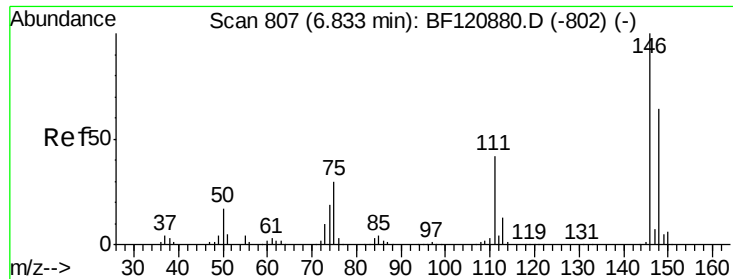
mohammad
8/5/2020 10:24:53 AM



#12
1,3-Dichlorobenzene
Concen: 42.717 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.4	51.7	77.5
75	30.8	23.8	35.6





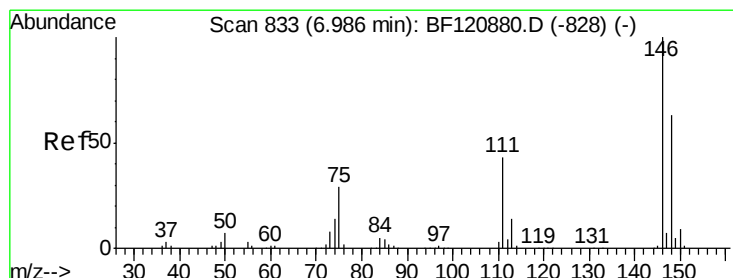
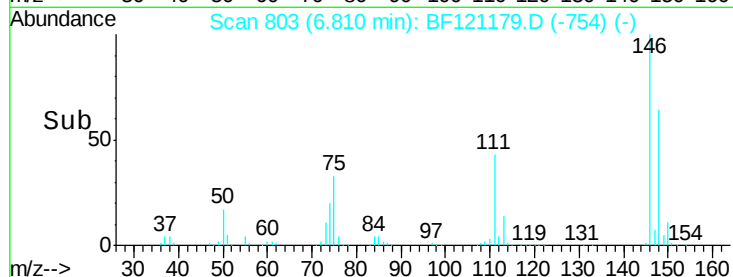
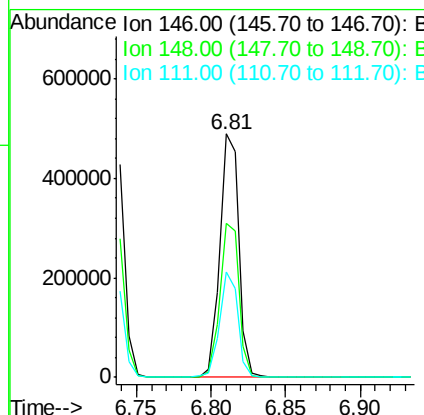
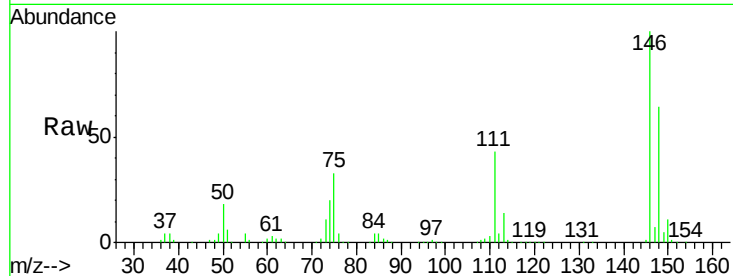
#13
1,4-Dichlorobenzene
Concen: 43.330 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.5	75.7
111	43.4	32.8	49.2

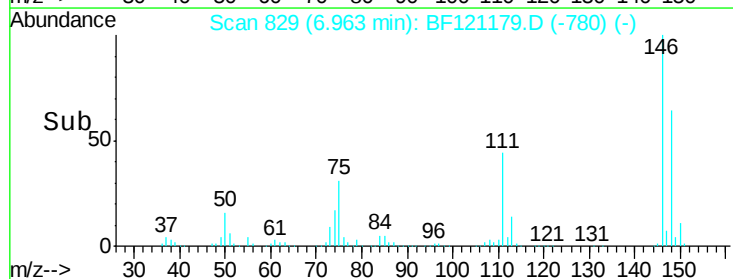
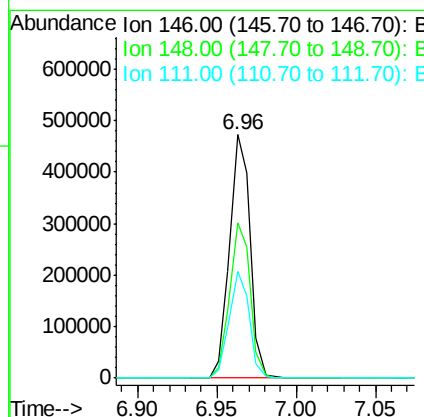
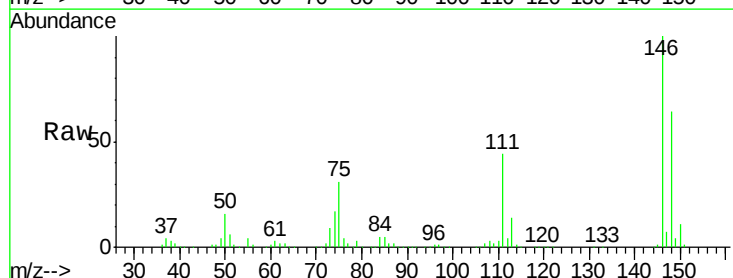
Manual Integrations
APPROVED

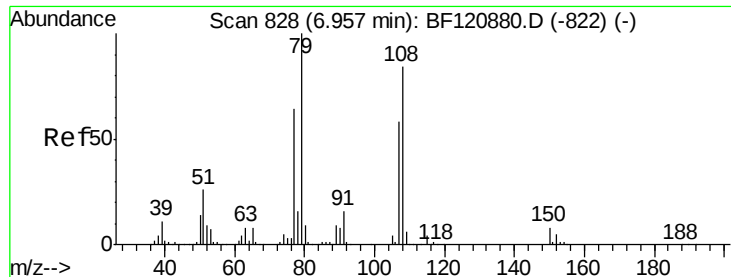
mohammad
8/5/2020 10:24:53 AM



#14
1,2-Dichlorobenzene
Concen: 44.507 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	43.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 46.537 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

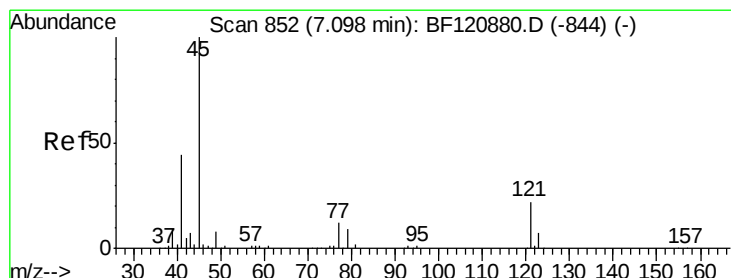
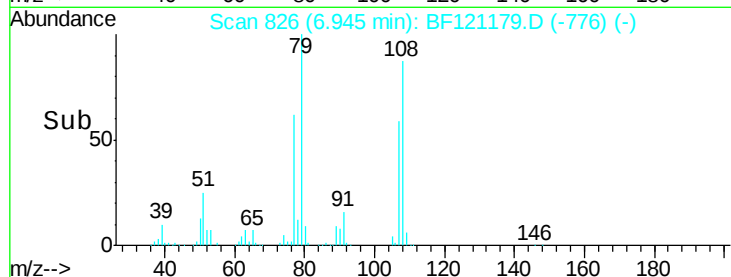
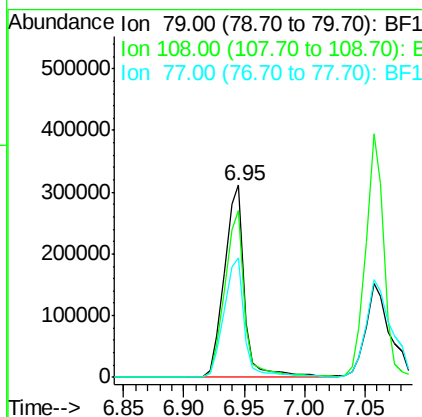
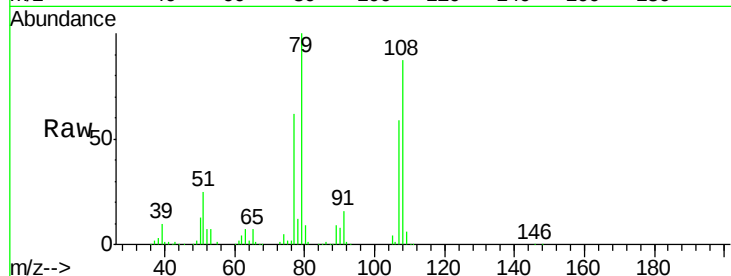
ClientSampleId :

COMP-CDMSD

Tgt Ion:	79	Resp:	361103
Ion	Ratio	Lower	Upper
79	100		
108	86.9	68.6	103.0
77	62.4	51.4	77.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.609 ng

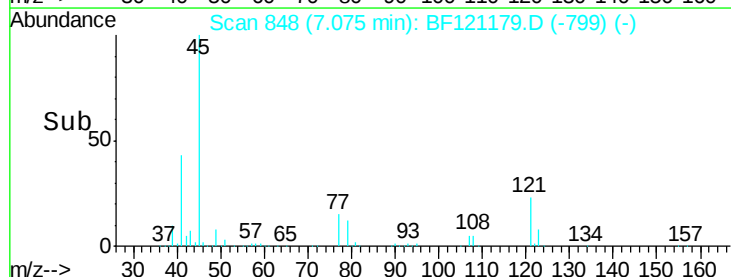
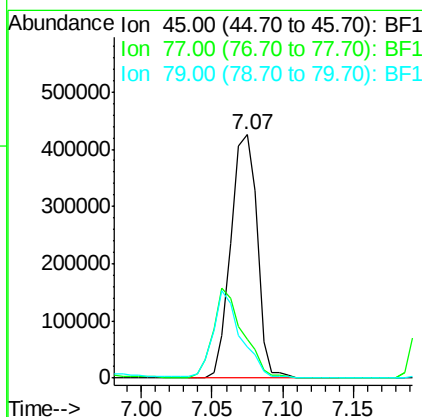
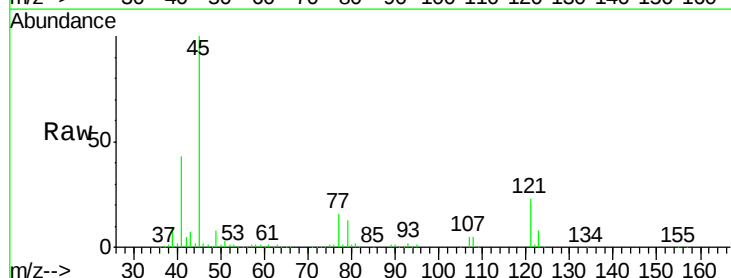
RT: 7.07 min Scan# 848

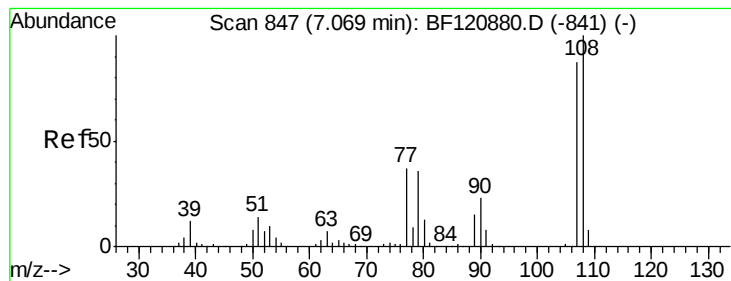
Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:	45	Resp:	554765
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	34.7
79	12.8	0.0	32.0





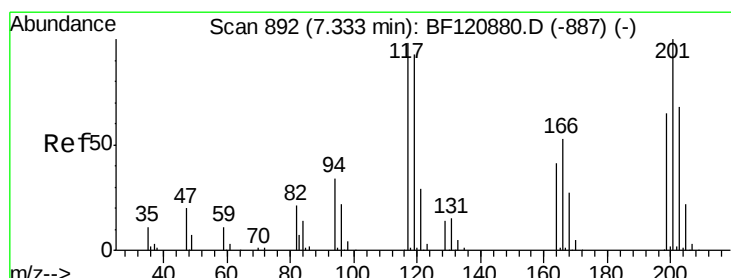
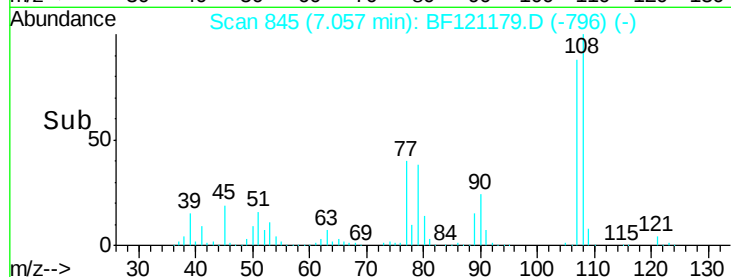
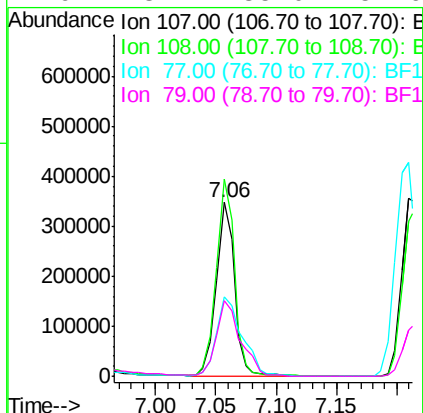
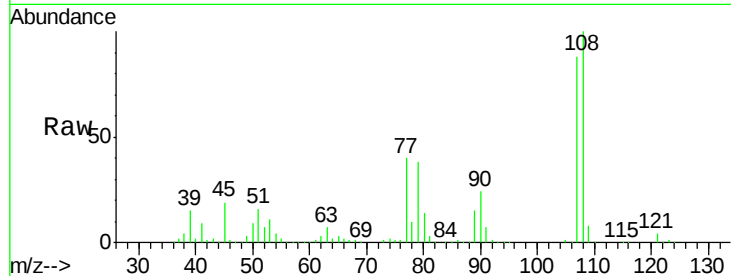
#17
2-Methylphenol
Concen: 43.445 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:	107	Resp:	360324
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.2	136.8
77	45.6	36.5	54.7
79	43.7	35.0	52.6

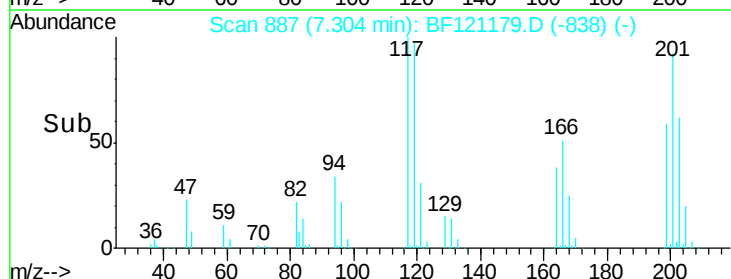
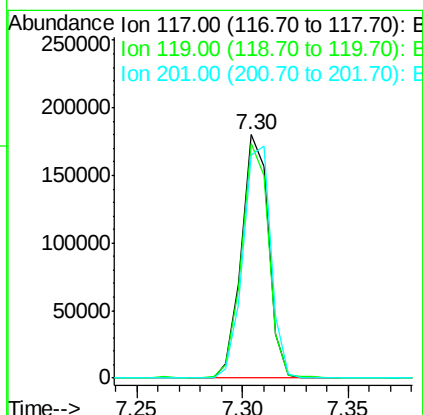
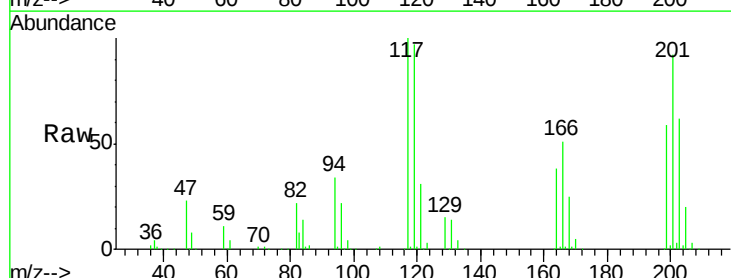
Manual Integrations
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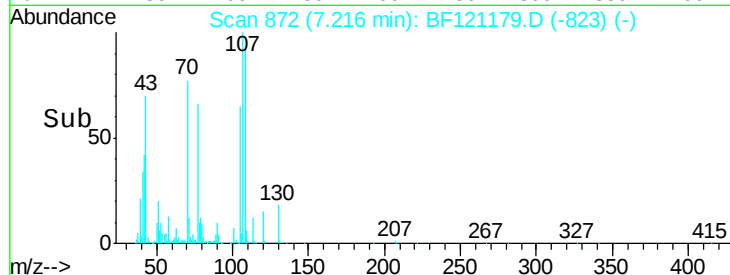
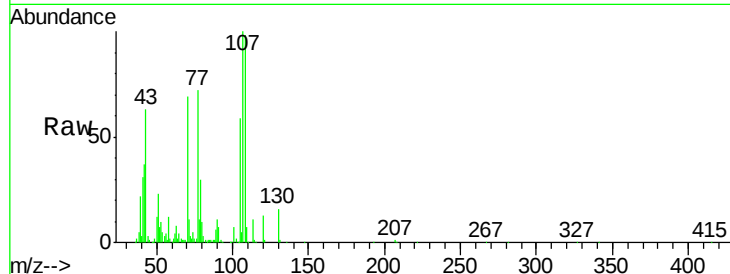
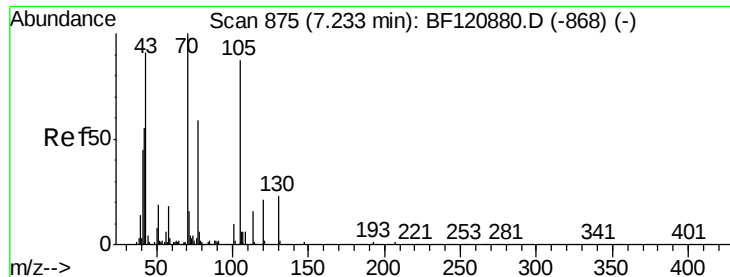
mohammad
8/5/2020 10:24:53 AM



#18
Hexachloroethane
Concen: 43.790 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:	117	Resp:	159913
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.6	114.8
201	91.5	75.0	112.4





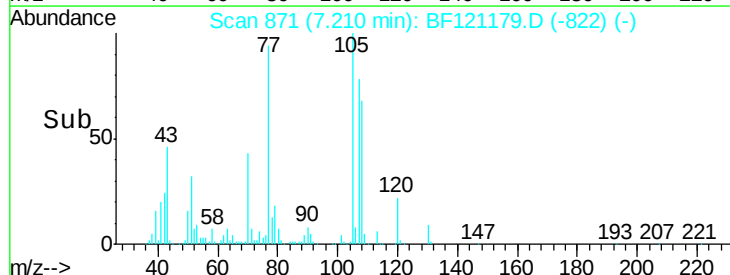
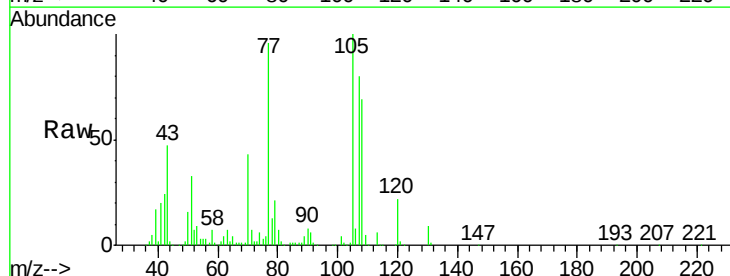
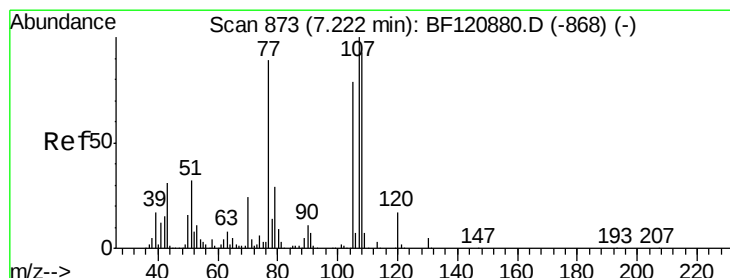
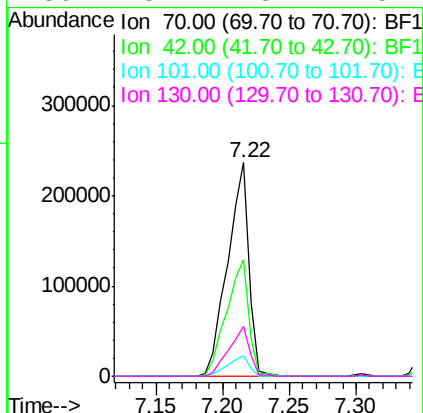
#19
n-Nitroso-di-n-propylamine
Concen: 43.038 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Manual Integrations
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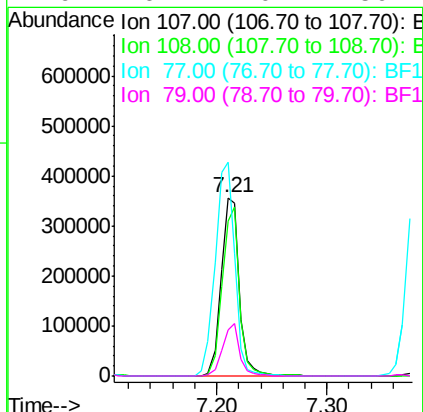
mohammad
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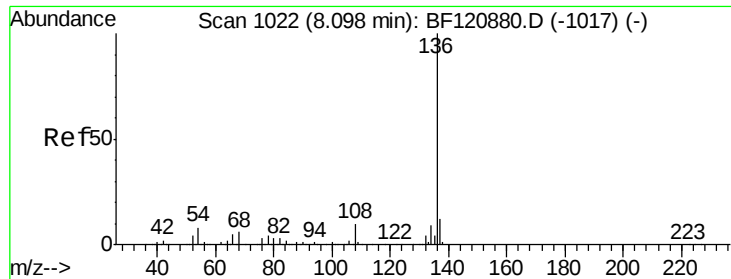
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.5	43.3	64.9
101	9.6	8.4	12.6
130	23.7	18.7	28.1



#20
3+4-Methylphenols
Concen: 38.295 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	73.7	113.7
77	120.0	84.9	124.9
79	26.2	10.7	50.7





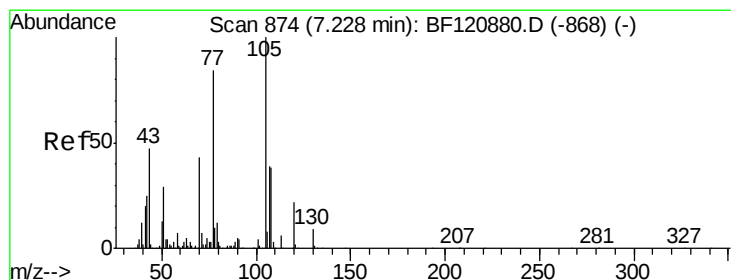
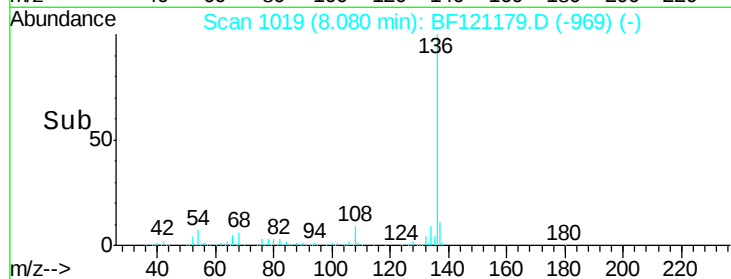
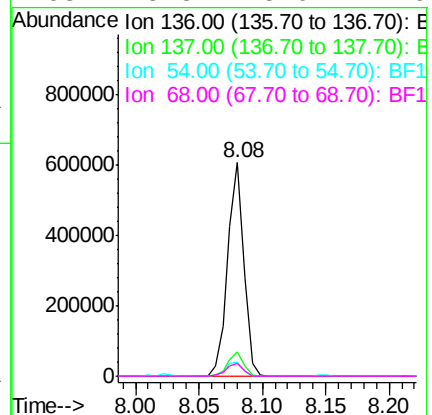
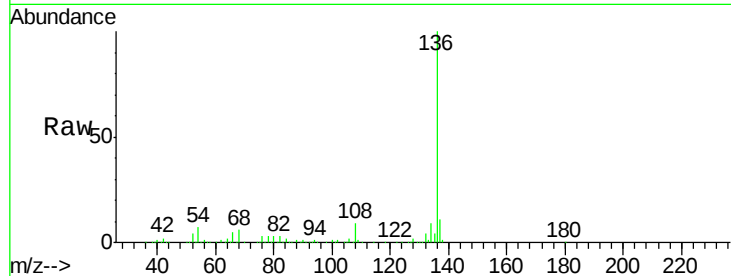
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	537042		
137	11.2	9.0	13.4	
54	6.7	6.1	9.1	
68	5.8	5.0	7.6	

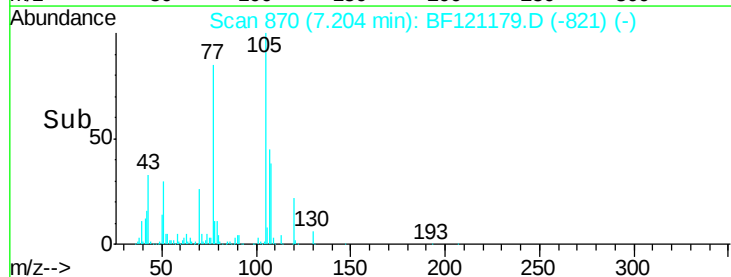
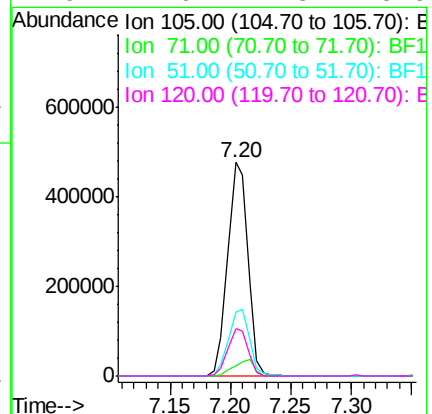
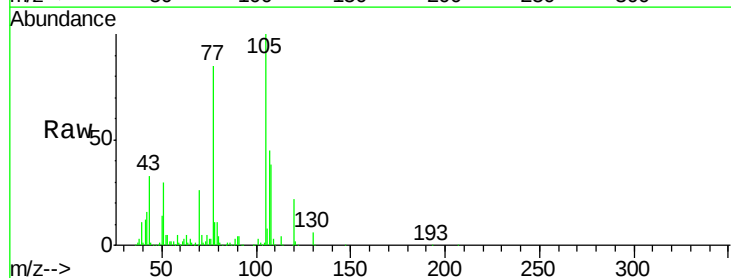
Manual Integrations
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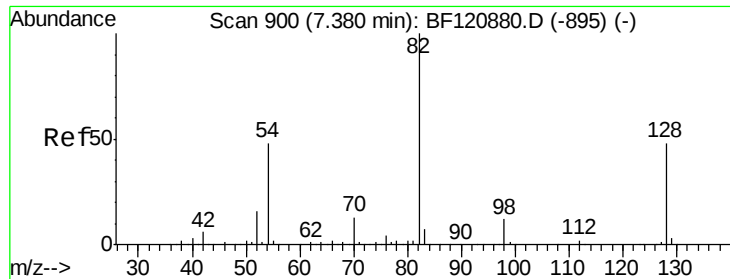
mohammad
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#22
Acetophenone
Concen: 45.677 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	550534		
71	4.5	3.8	5.8	
51	30.1	28.0	42.0	
120	21.9	17.8	26.6	





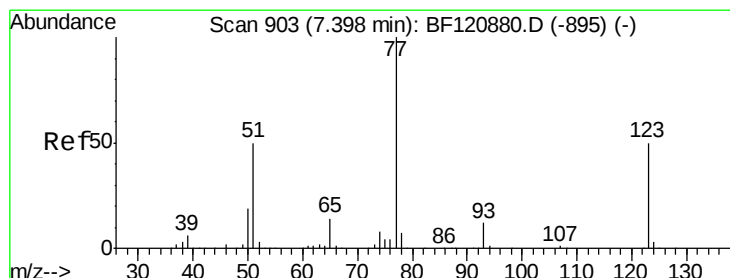
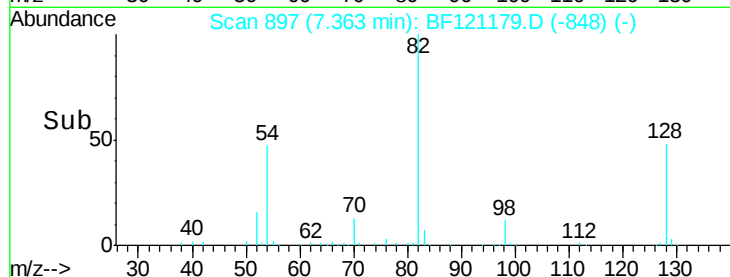
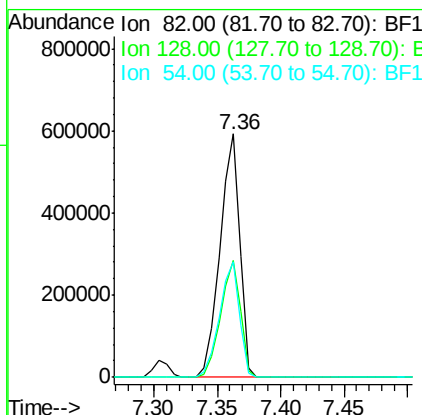
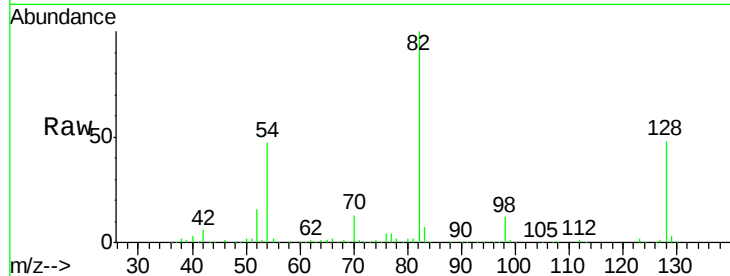
#23
 Nitrobenzene-d5
 Concen: 69.669 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	646615		
128	48.2	39.2	58.8	
54	47.4	37.8	56.8	

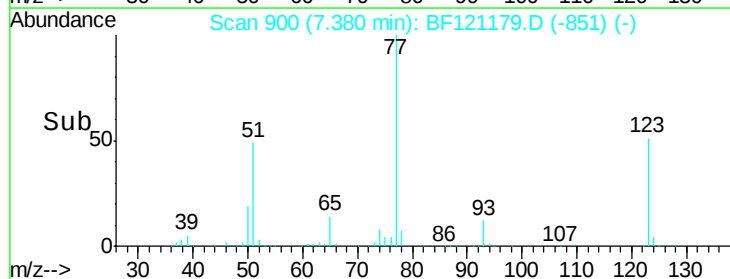
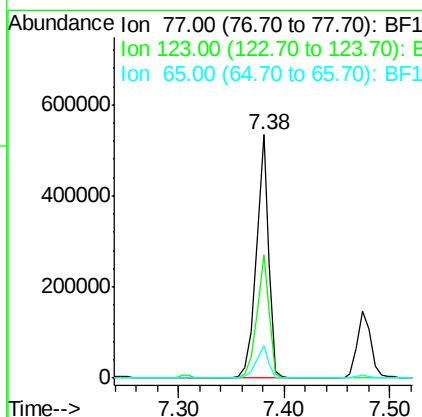
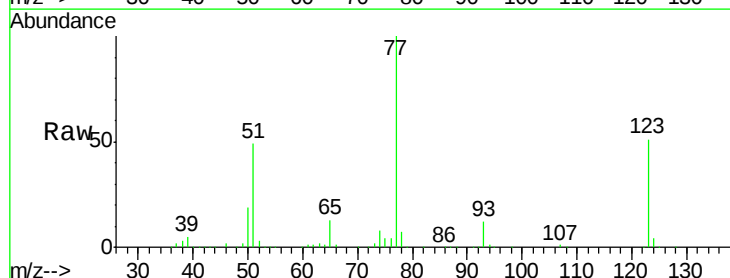
Manual Integrations
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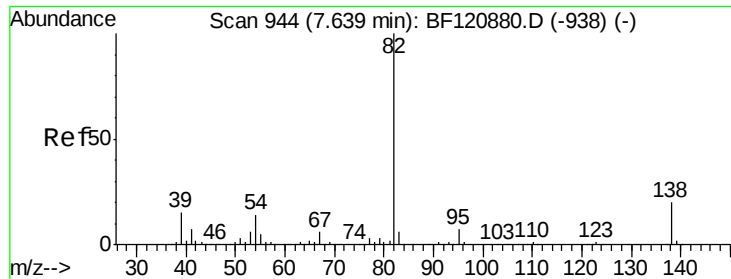
mohammad
 8/5/2020 10:24:53 AM



#24
 Nitrobenzene
 Concen: 44.488 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	445027		
123	50.8	41.0	61.6	
65	13.5	10.3	15.5	





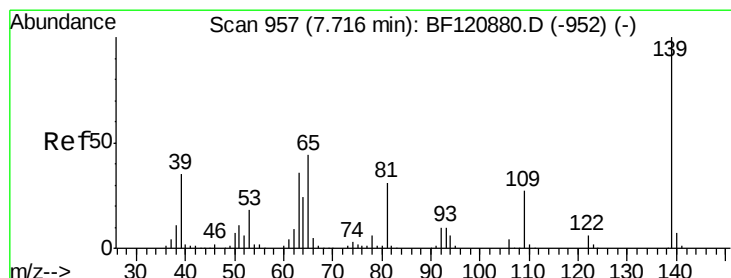
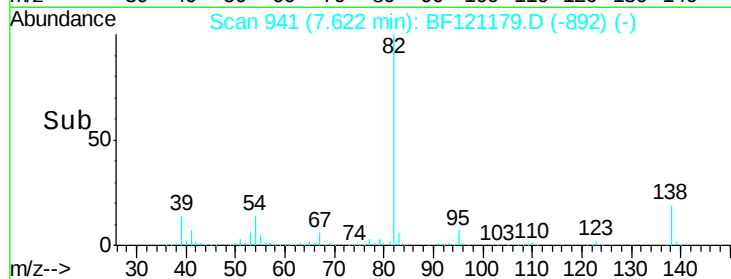
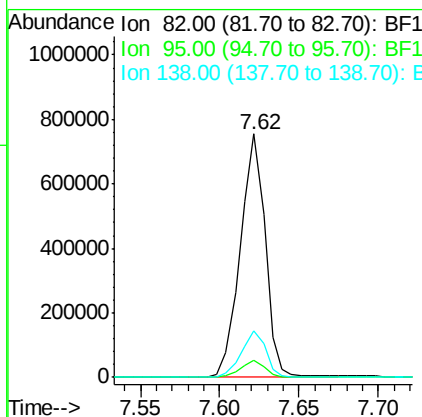
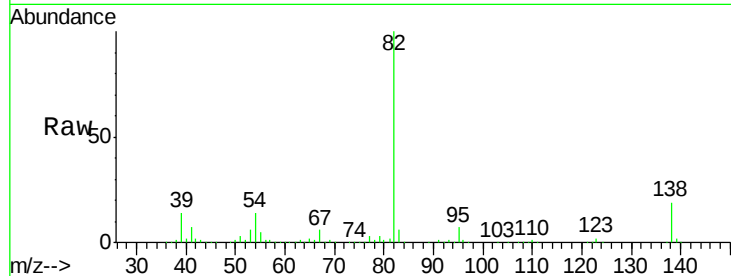
#25
Isophorone
Concen: 44.515 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	824570		
95	6.9	5.5	8.3	
138	18.9	16.2	24.2	

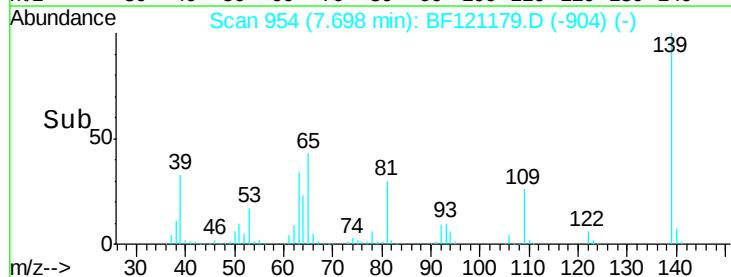
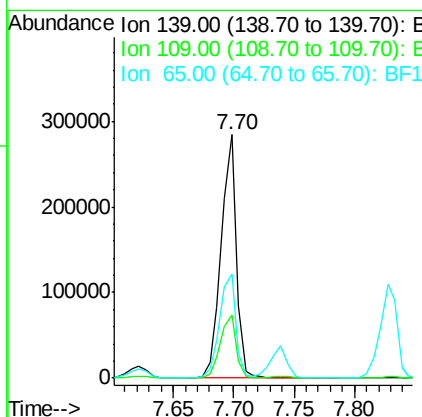
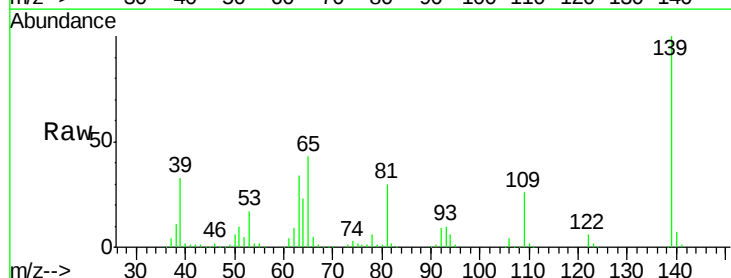
Manual Integrations
APPROVED

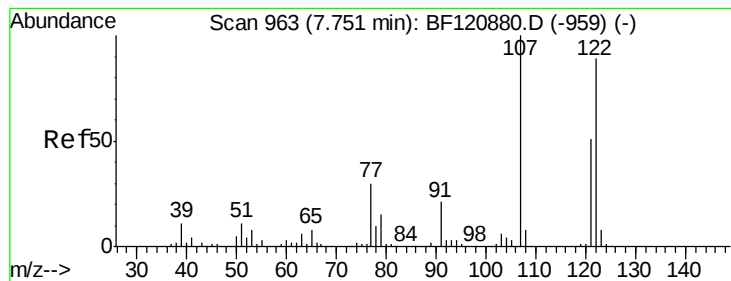
mohammad
8/5/2020 10:24:53 AM



#26
2-Nitrophenol
Concen: 51.817 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

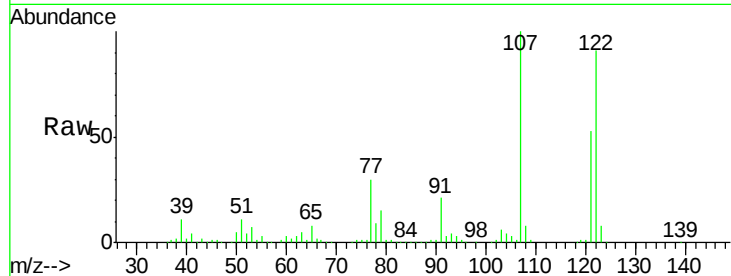
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	246179		
109	25.9	21.7	32.5	
65	42.8	36.3	54.5	





#27
 2,4-Dimethylphenol
 Concen: 50.983 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

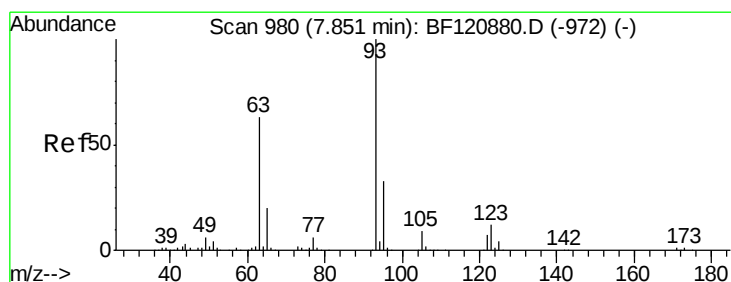
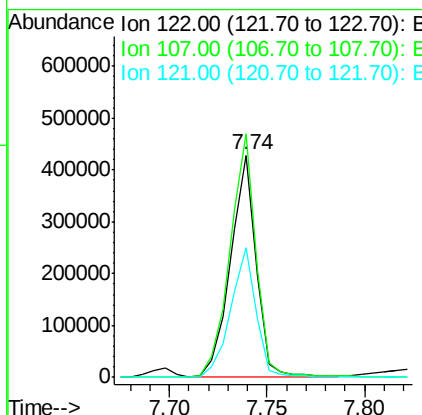
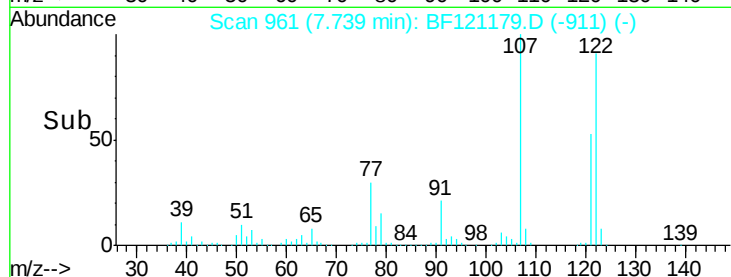
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	393261		
107	109.7	87.1	130.7	
121	58.4	45.5	68.3	

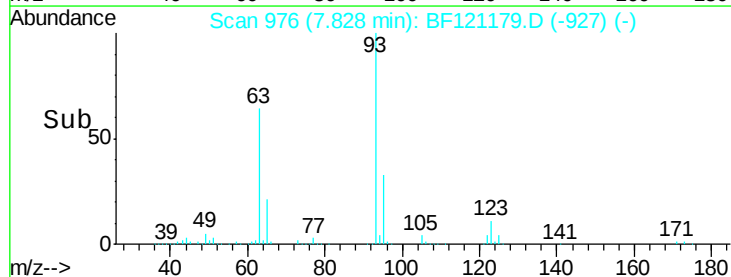
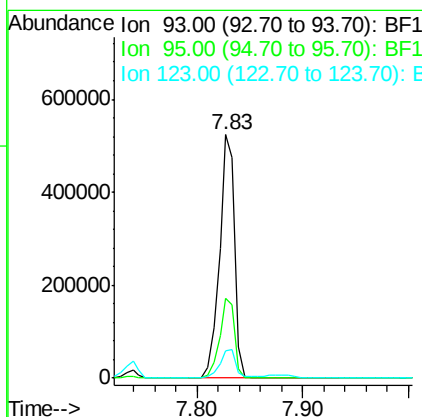
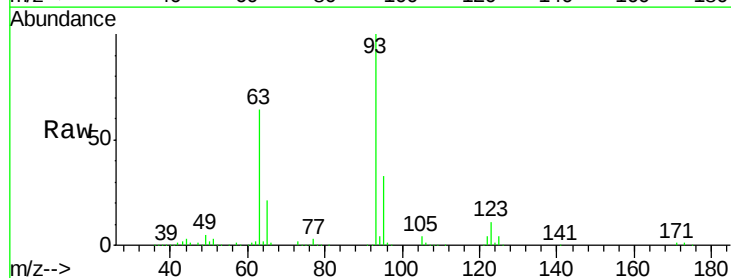
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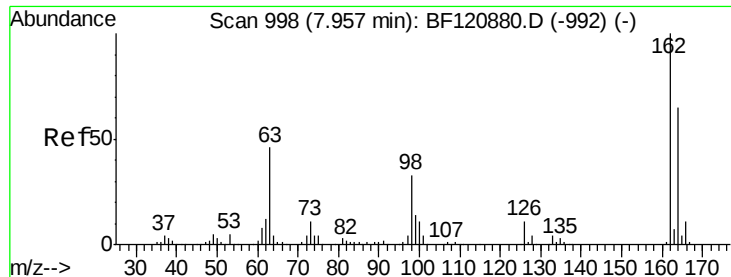
mohammad
 8/5/2020 10:24:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.557 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526421		
95	33.0	26.2	39.4	
123	11.5	9.5	14.3	





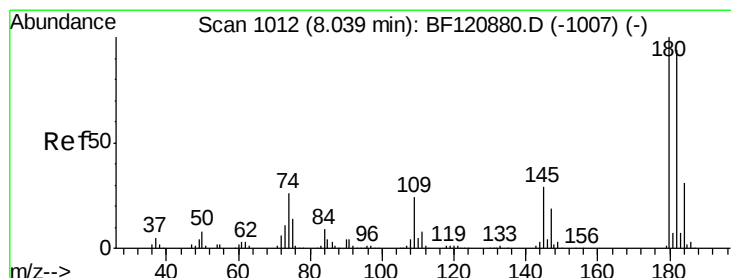
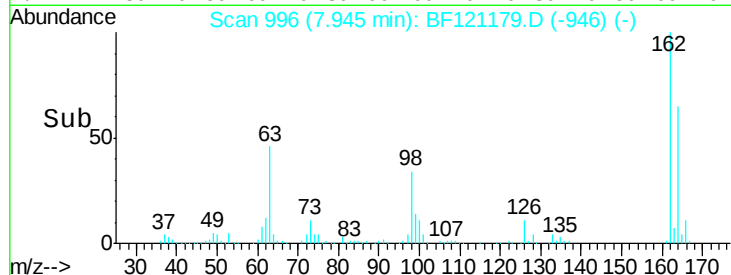
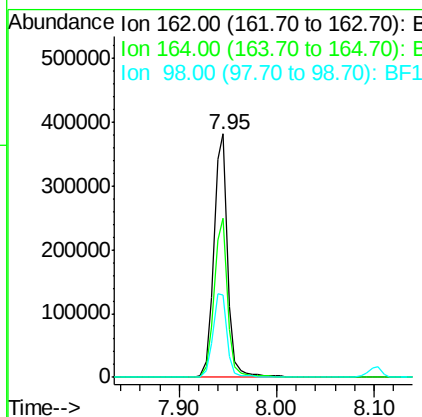
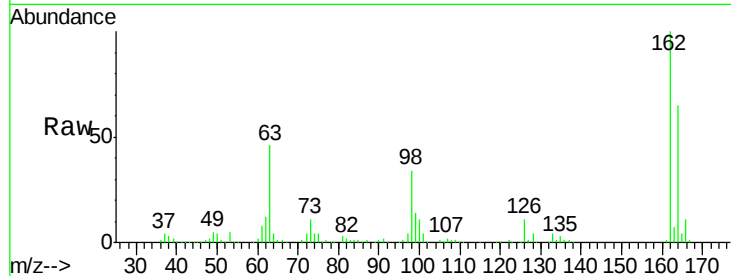
#29
 2,4-Dichlorophenol
 Concen: 47.219 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	372187		
164	65.3	44.7	84.7	
98	33.7	14.2	54.2	

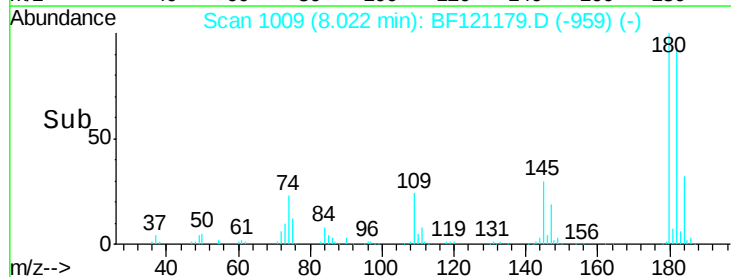
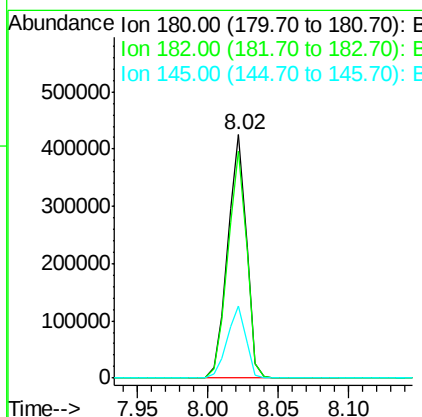
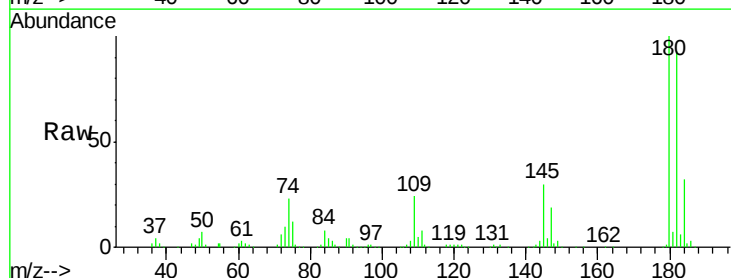
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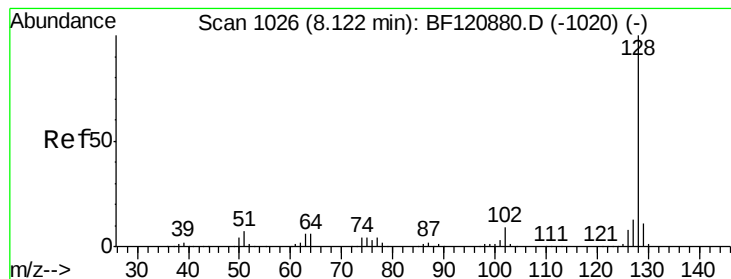
mohammad
 8/5/2020 10:24:53 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.774 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391546		
182	93.4	76.4	114.6	
145	29.6	24.2	36.4	





#31

Naphthalene

Concen: 43.774 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tgt Ion:128 Resp: 1205879

Ion Ratio Lower Upper

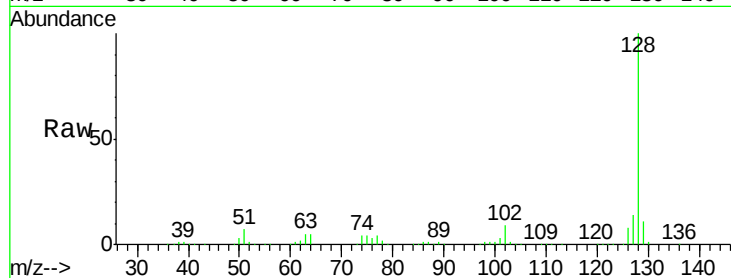
128 100

129 11.3 9.3 13.9

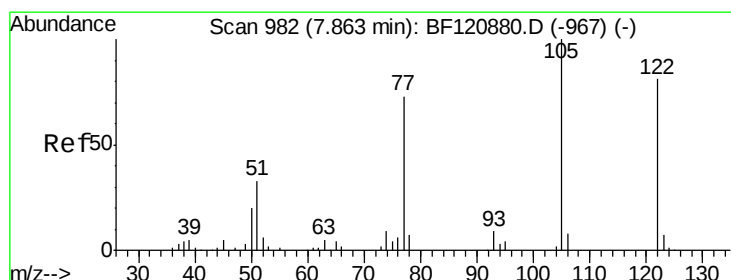
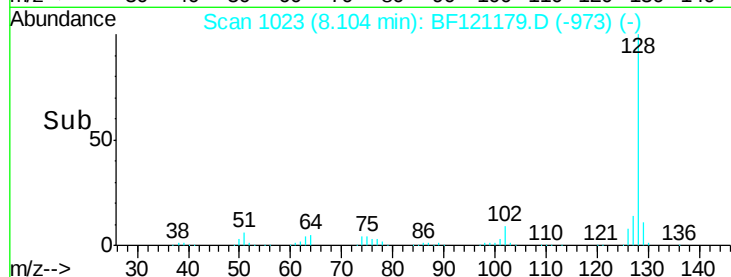
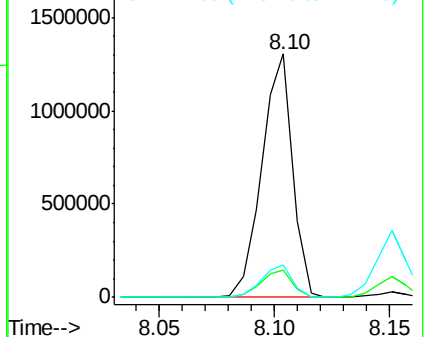
127 13.5 10.8 16.2

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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: 40.268 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

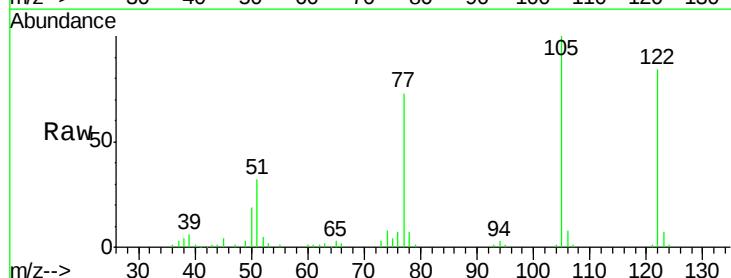
Tgt Ion:122 Resp: 233167

Ion Ratio Lower Upper

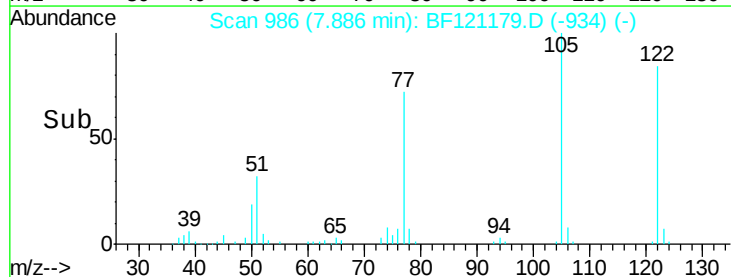
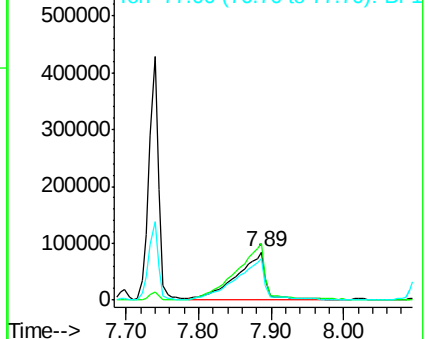
122 100

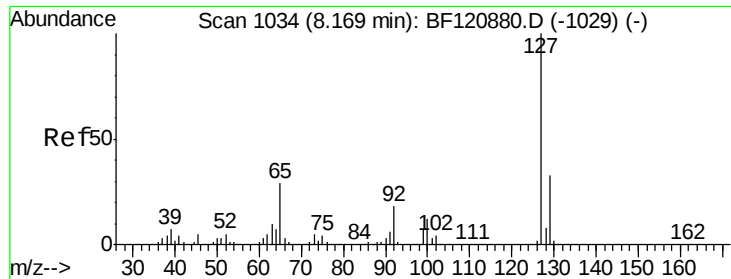
105 119.5 100.9 140.9

77 86.6 67.8 107.8



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





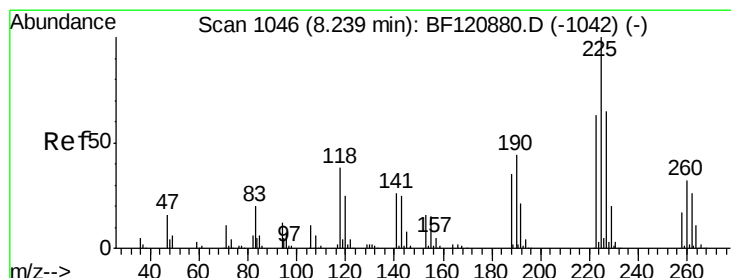
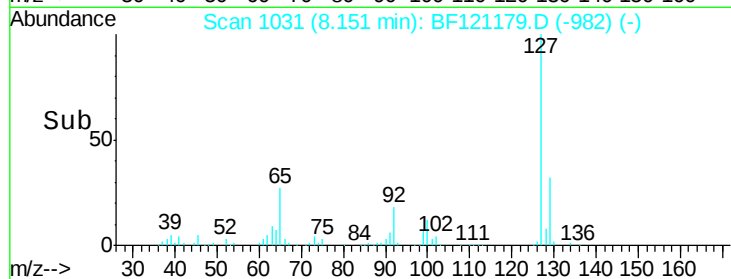
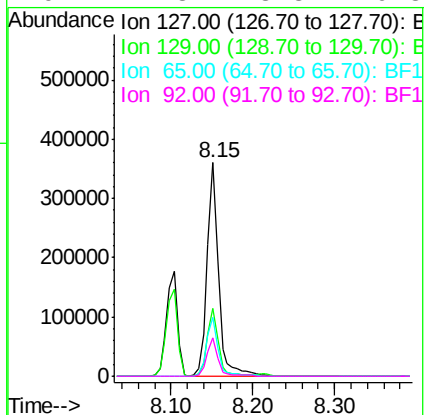
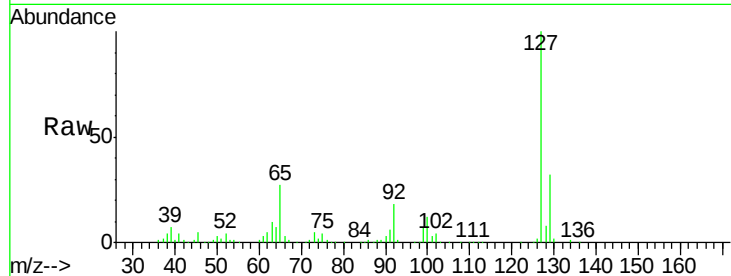
#33
4-Chloroaniline
Concen: 28.746 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	353259		
129	32.0	26.2	39.2	
65	27.3	21.4	32.0	
92	17.8	13.8	20.8	

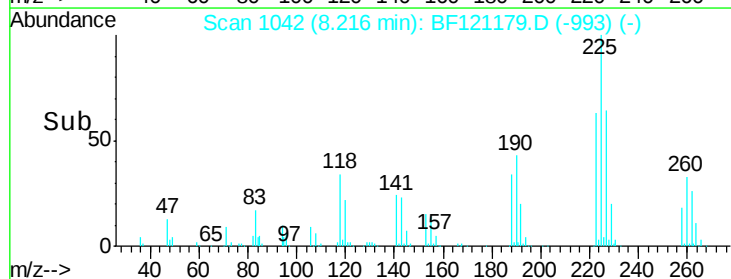
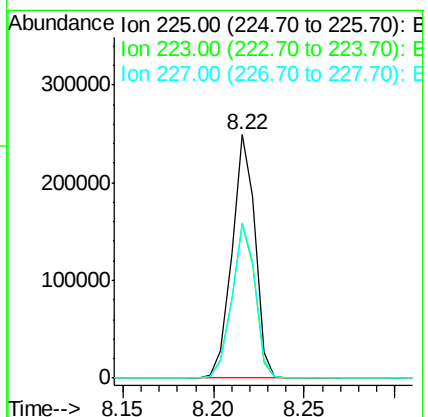
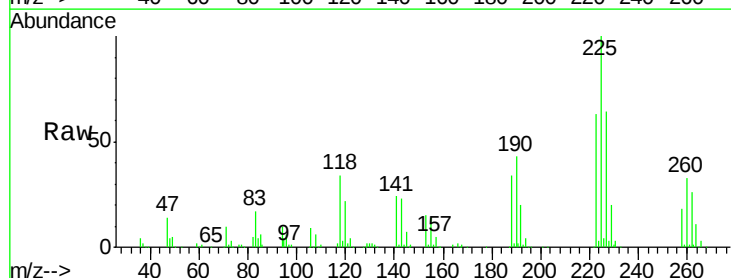
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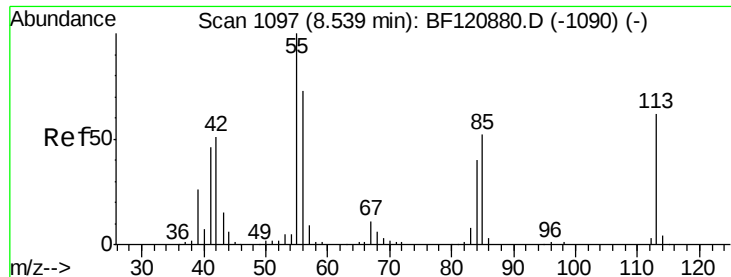
mohammad
8/5/2020 10:24:53 AM



#34
Hexachlorobutadiene
Concen: 42.727 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	220270		
223	63.1	49.7	74.5	
227	63.9	51.4	77.0	





#35

Caprolactam

Concen: 50.687 ng m

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tgt Ion:113 Resp: 128121
Ion Ratio Lower Upper

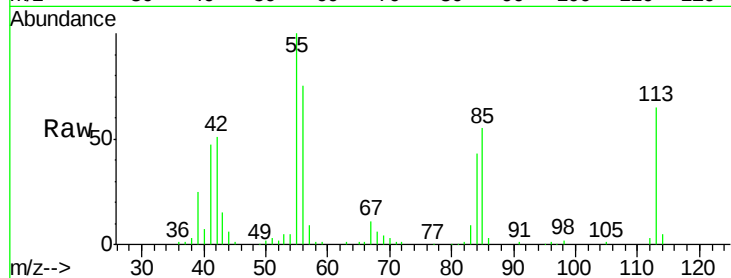
113 100

55 154.0 131.0 171.0

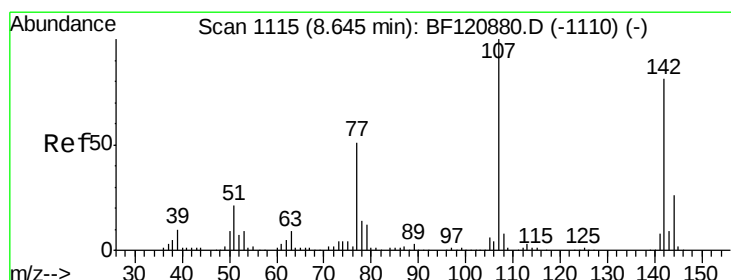
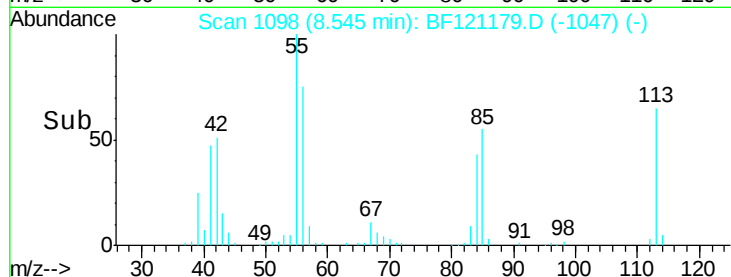
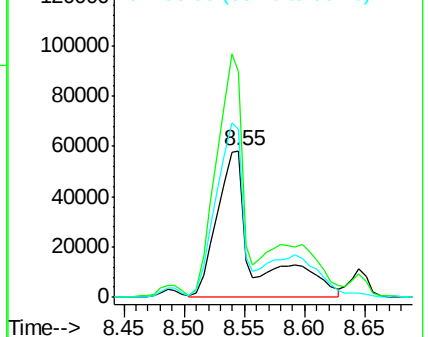
56 114.9 90.4 130.4

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.652 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF121179.D

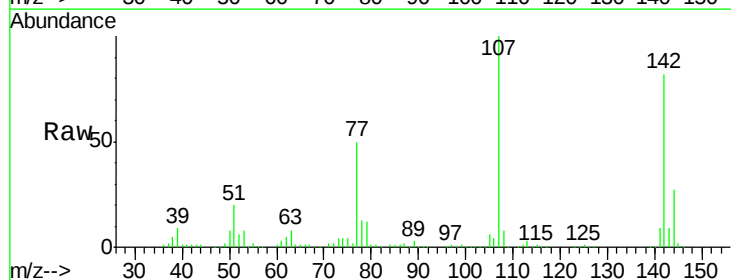
Acq: 3 Aug 2020 16:46

Tgt Ion:107 Resp: 393301
Ion Ratio Lower Upper

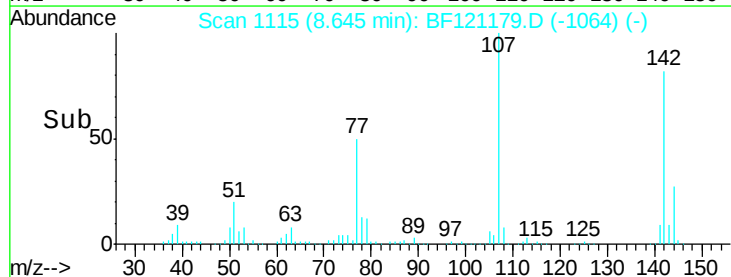
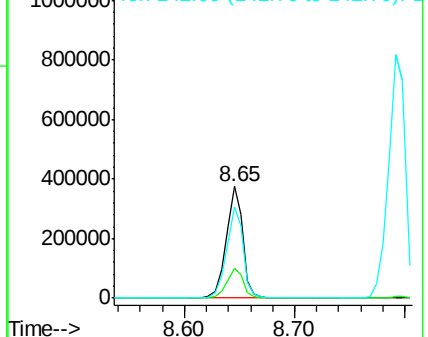
107 100

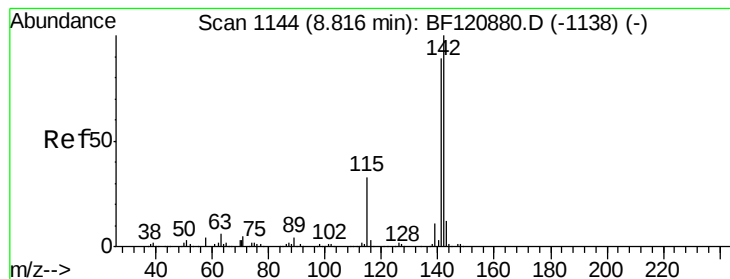
144 26.9 20.9 31.3

142 82.5 64.5 96.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





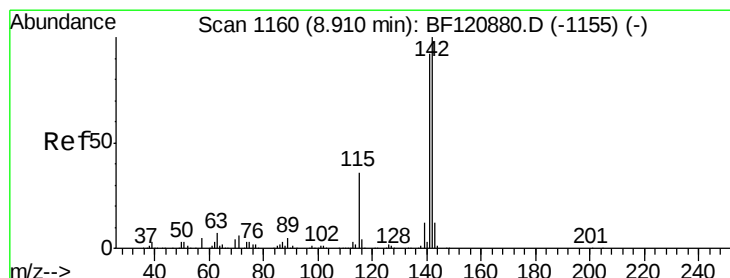
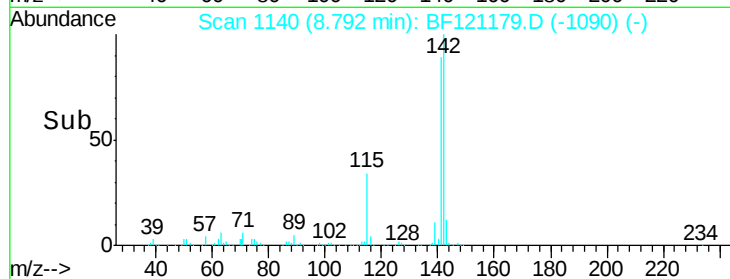
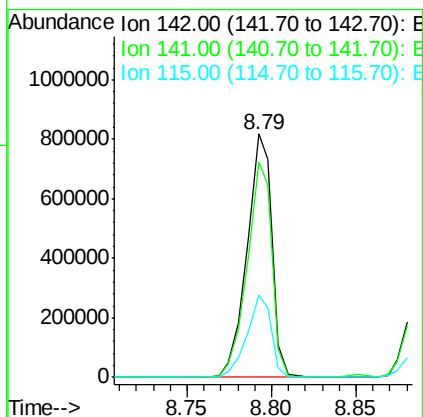
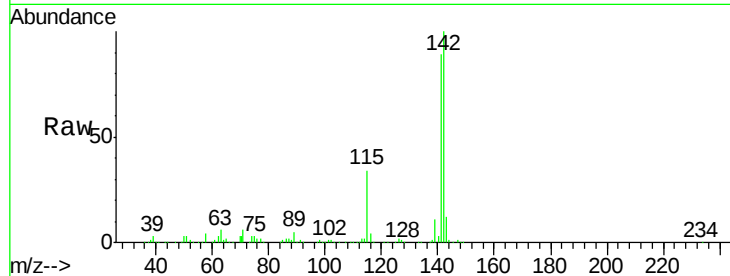
#37
 2-Methylnaphthalene
 Concen: 47.106 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	842575		
141	88.7	70.6	105.8	
115	33.8	27.1	40.7	

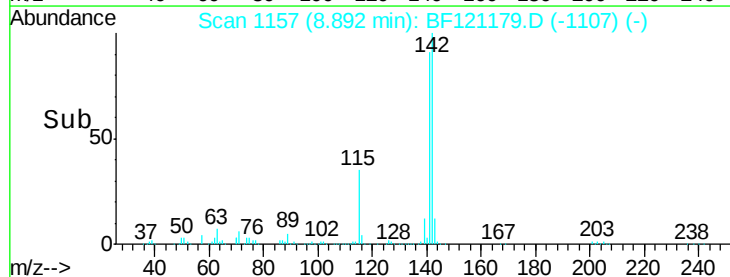
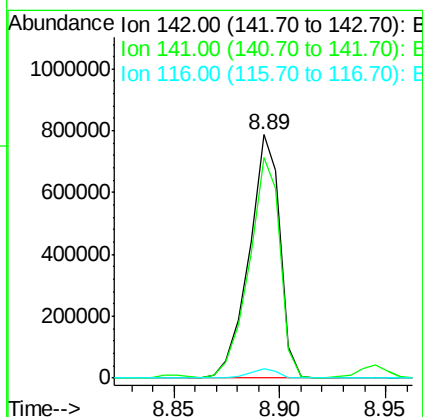
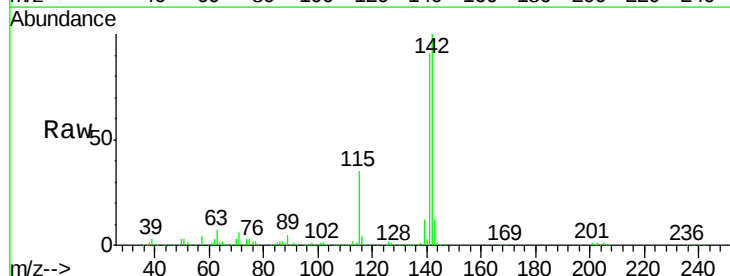
Manual Integrations
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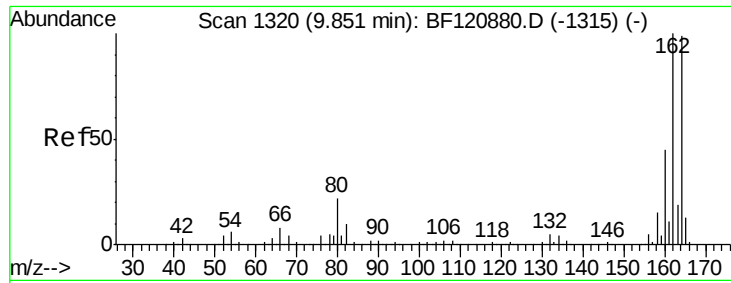
mohammad
 8/5/2020 10:24:53 AM



#38
 1-Methylnaphthalene
 Concen: 47.080 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	797570		
141	90.6	73.0	109.6	
116	3.6	3.0	4.6	





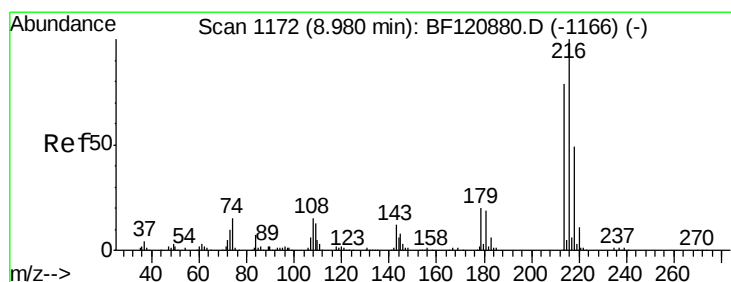
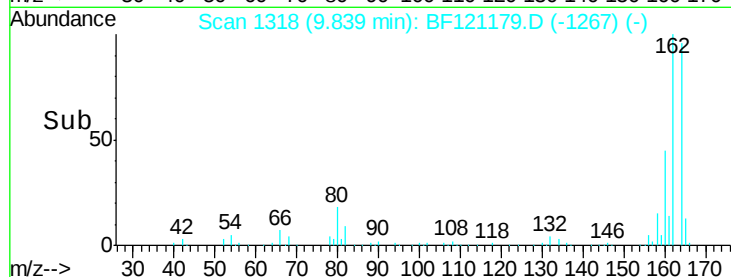
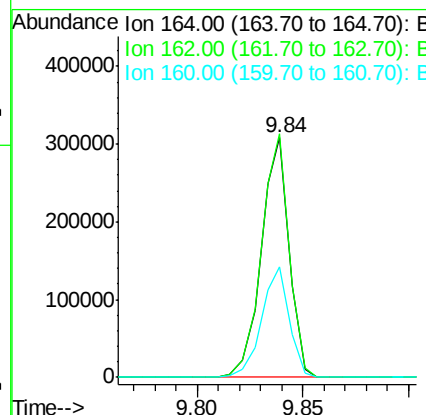
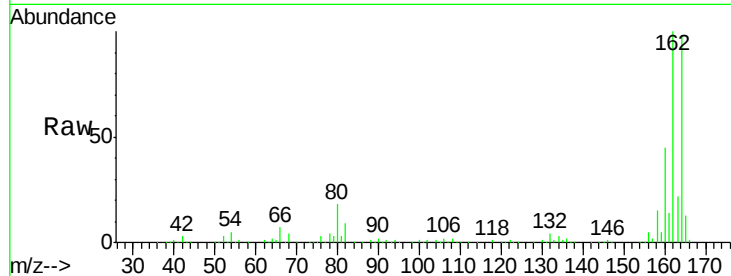
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	281643		
162	101.8	82.2	123.2	
160	46.2	37.2	55.8	

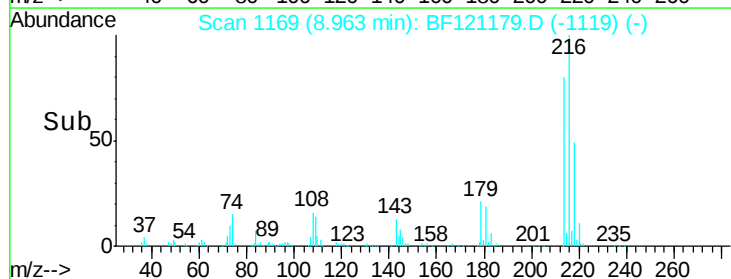
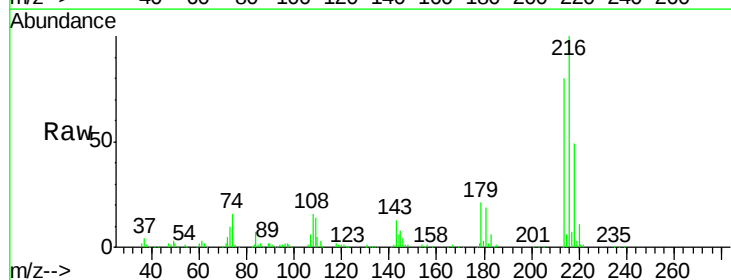
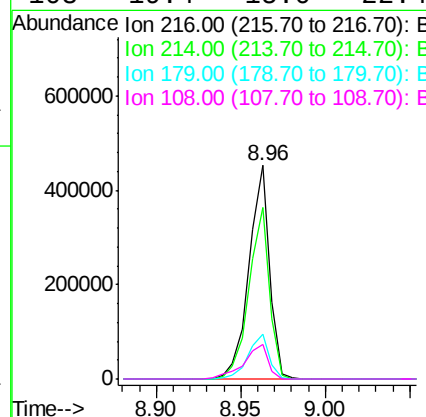
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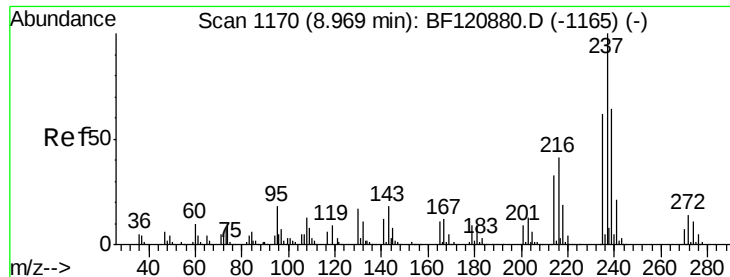
mohammad
8/5/2020 10:24:53 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.077 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	386308		
214	80.0	63.9	95.9	
179	20.7	16.6	24.8	
108	19.4	15.0	22.4	





#41

Hexachlorocyclopentadiene

Concen: 71.078 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

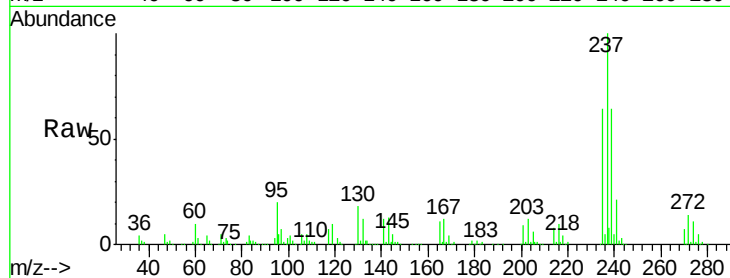
ClientSampleId :

COMP-CDMSD

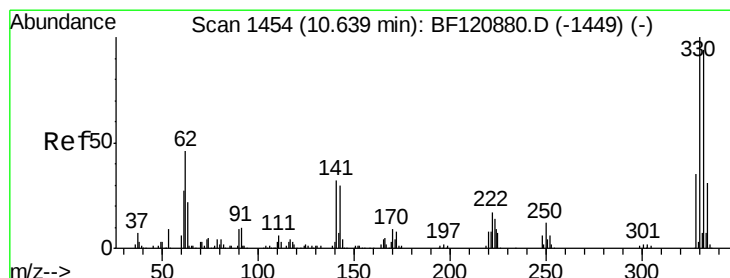
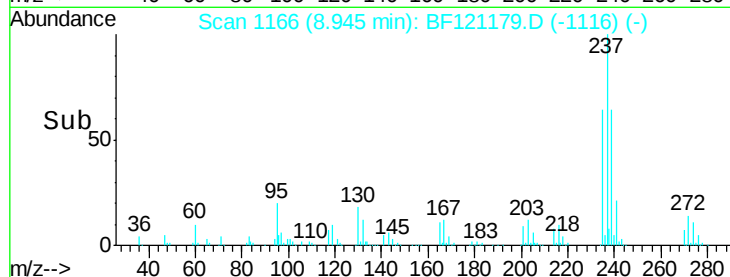
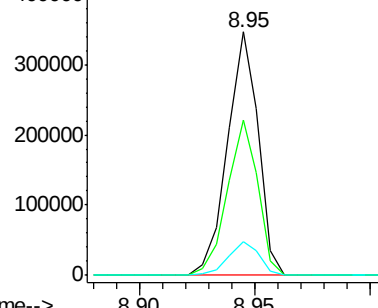
Tgt Ion:	237	Resp:	322354
Ion Ratio	Lower	Upper	
237	100		
235	63.9	43.2	83.2
272	13.8	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 100.057 ng

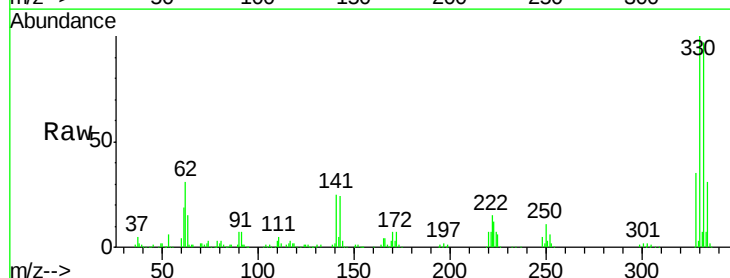
RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

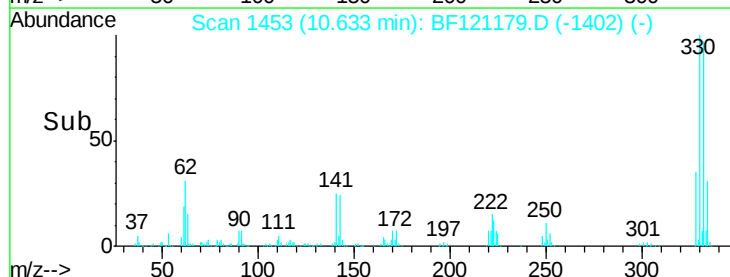
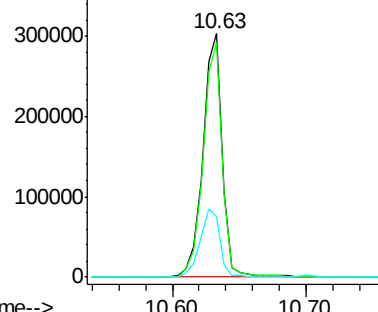
Lab File: BF121179.D

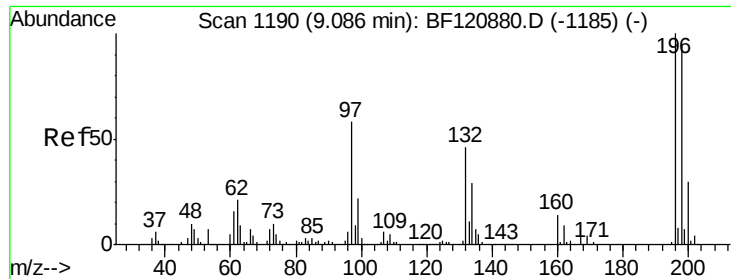
Acq: 3 Aug 2020 16:46

Tgt Ion:	330	Resp:	308461
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.1	114.1
141	29.4	24.1	36.1



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





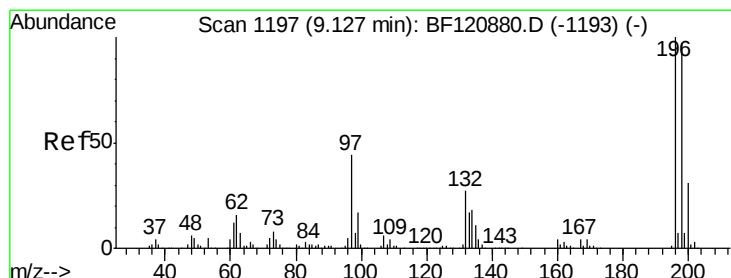
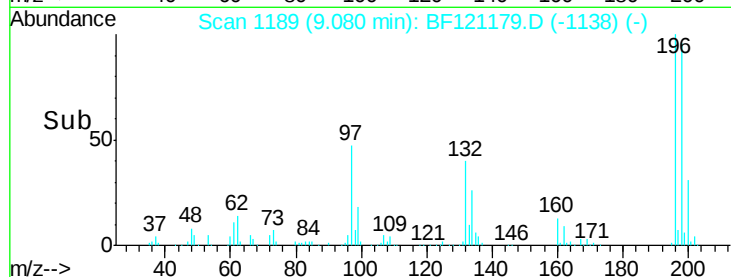
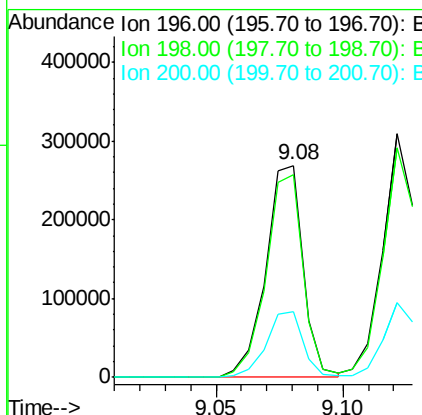
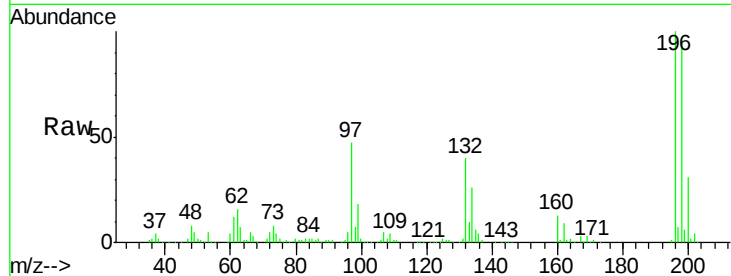
#43
 2,4,6-Trichlorophenol
 Concen: 47.514 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274519		
198	95.6	77.5	116.3	
200	31.2	24.6	37.0	

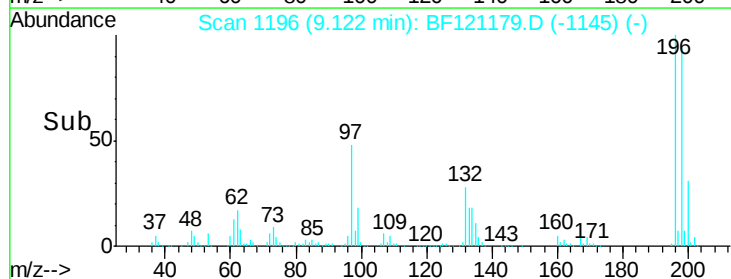
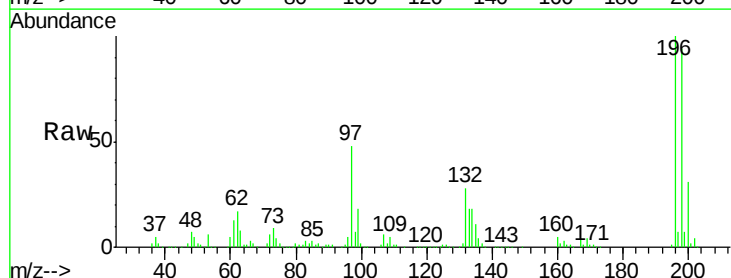
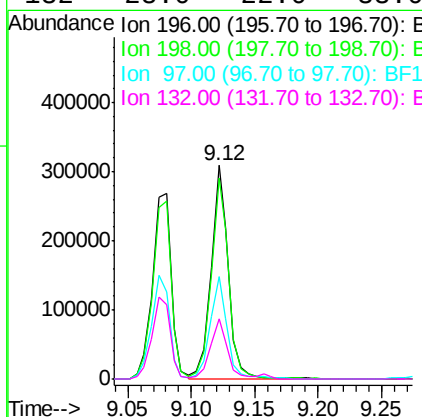
Manual Integrations
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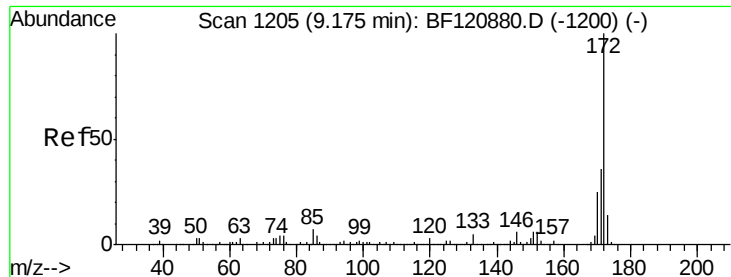
mohammad
 8/5/2020 10:24:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.875 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	294099		
198	94.4	76.2	114.4	
97	47.9	37.3	55.9	
132	28.0	22.0	33.0	





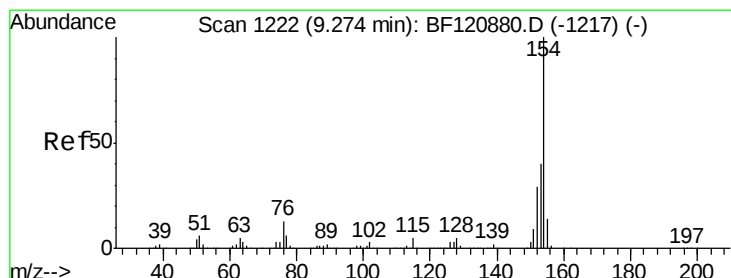
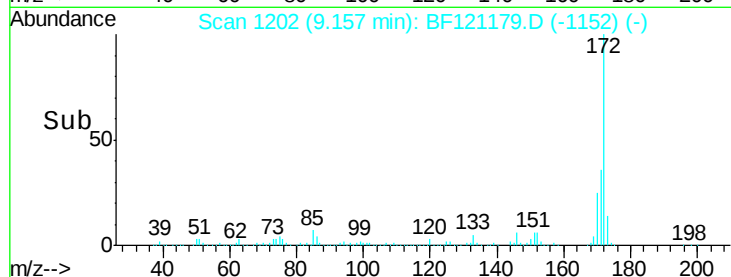
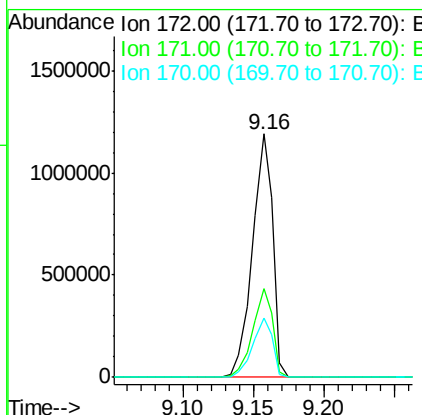
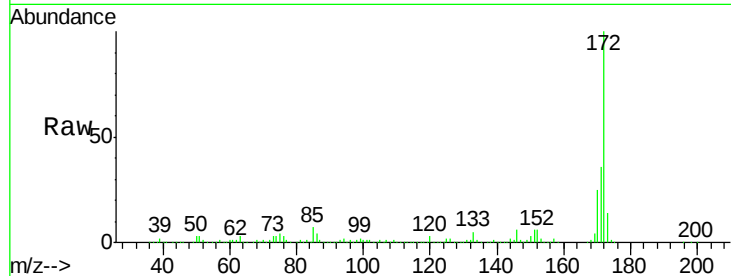
#45
 2-Fluorobiphenyl
 Concen: 64.009 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	19.6	29.4

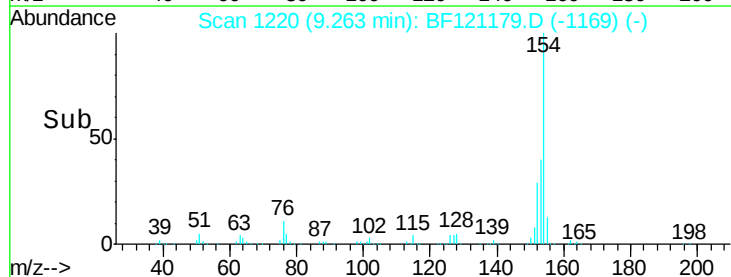
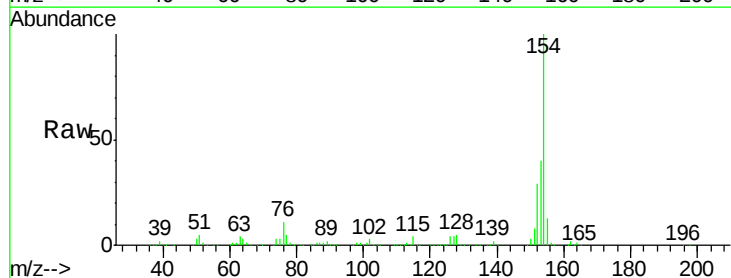
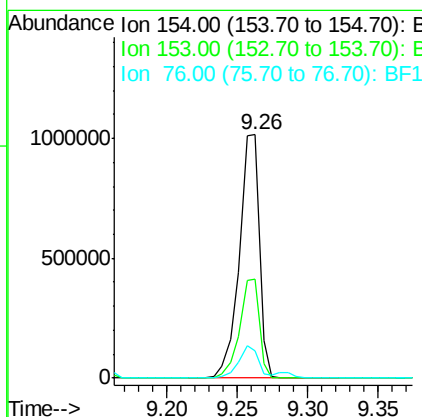
Manual Integrations
 APPROVED

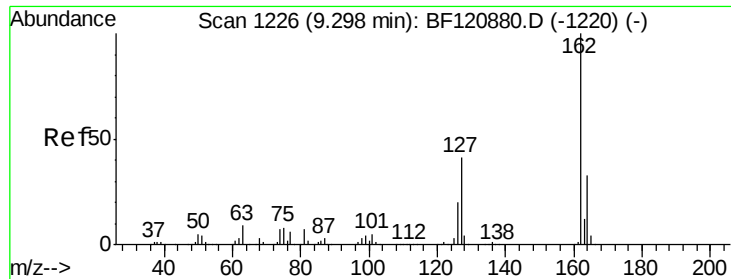
mohammad
 8/5/2020 10:24:53 AM



#46
 1,1'-Biphenyl
 Concen: 46.846 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	11.3	0.0	33.4





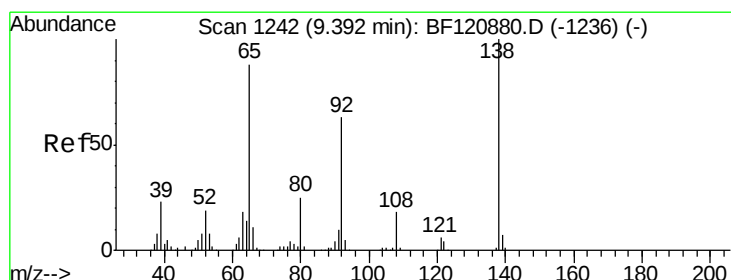
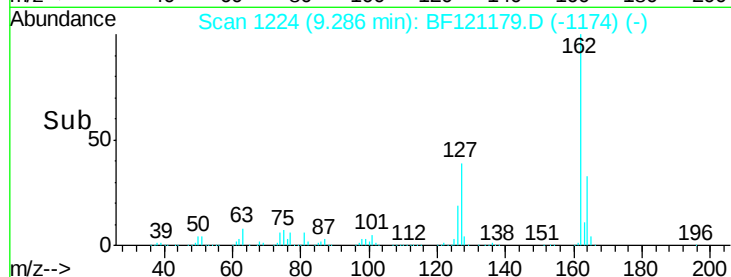
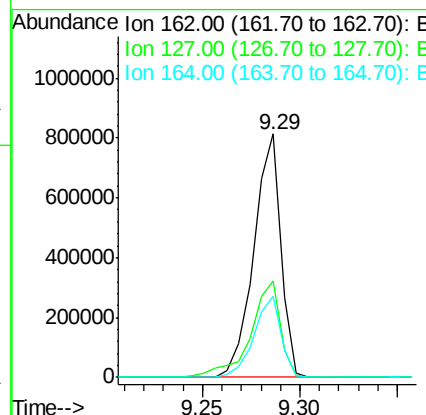
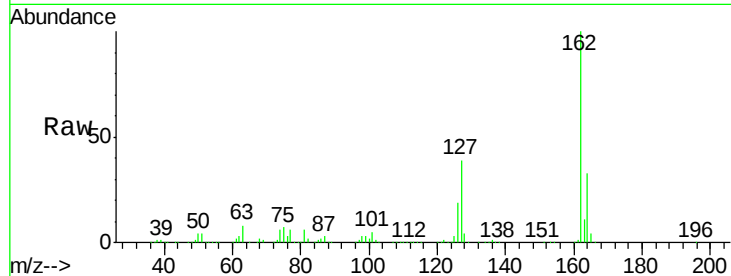
#47
2-Chloronaphthalene
Concen: 44.639 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	781883		
127	39.5	31.1	46.7	
164	33.4	26.6	40.0	

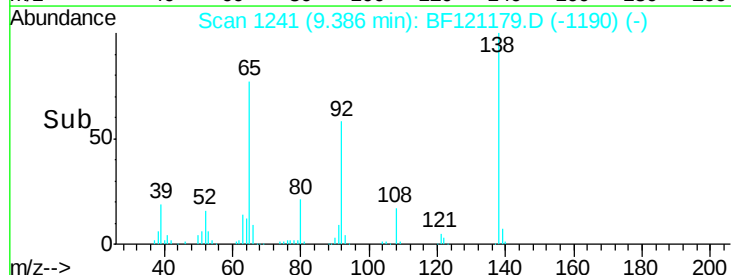
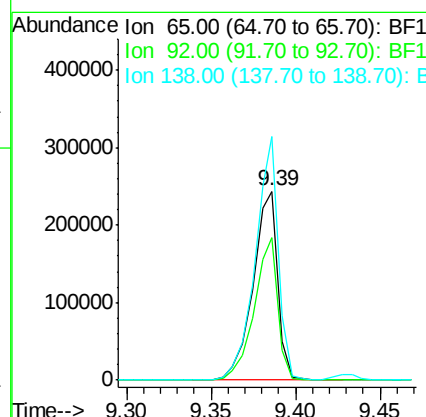
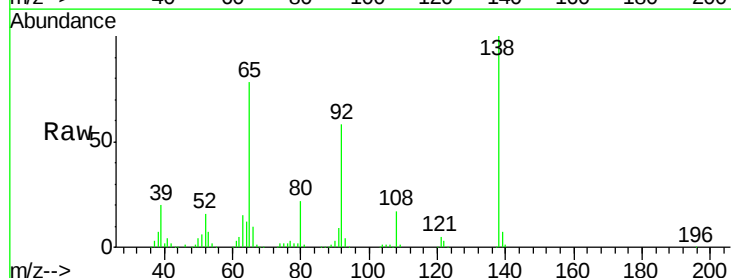
Manual Integrations
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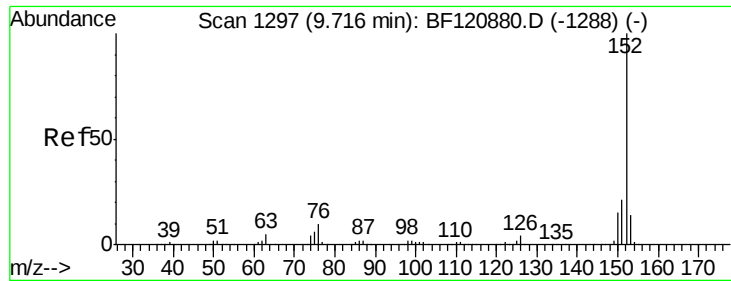
mohammad
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#48
2-Nitroaniline
Concen: 47.237 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250043		
92	75.2	58.0	87.0	
138	129.0	93.3	139.9	





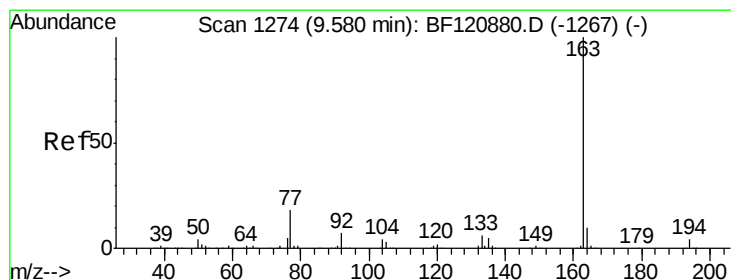
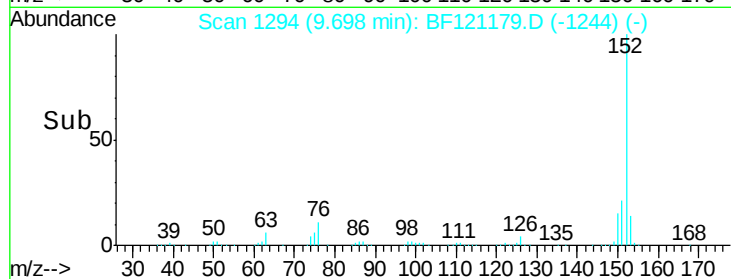
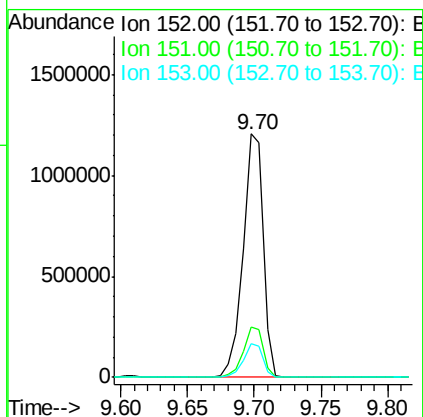
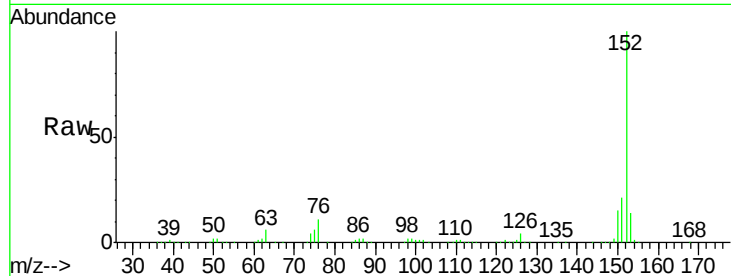
#49
Acenaphthylene
Concen: 46.103 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:152 Resp: 1254519
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0
153 13.7 11.0 16.4

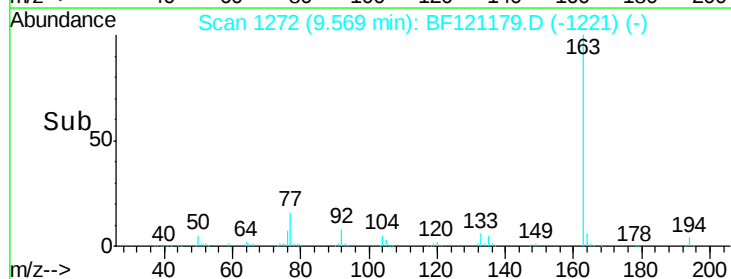
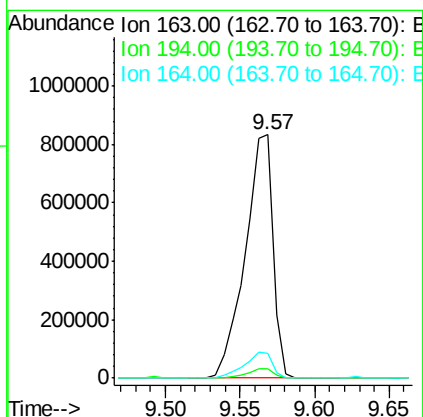
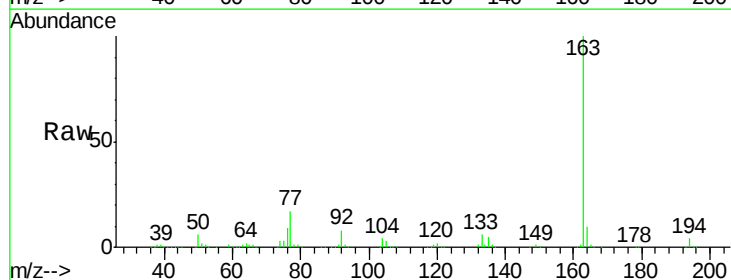
Manual Integrations
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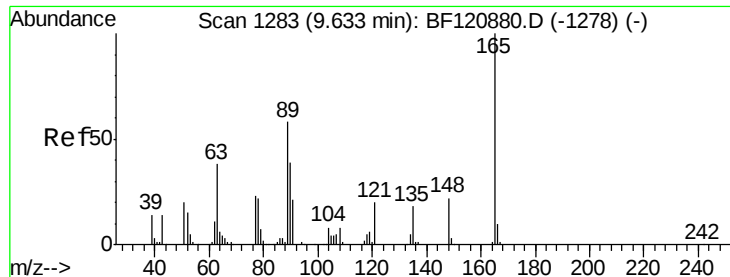
mohammad
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#50
Dimethylphthalate
Concen: 52.934 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:163 Resp: 1075554
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 49.143 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tgt Ion:165 Resp: 214525
Ion Ratio Lower Upper

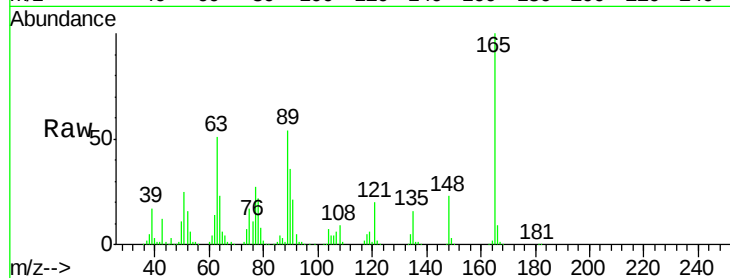
165 100

63 51.4 41.1 61.7

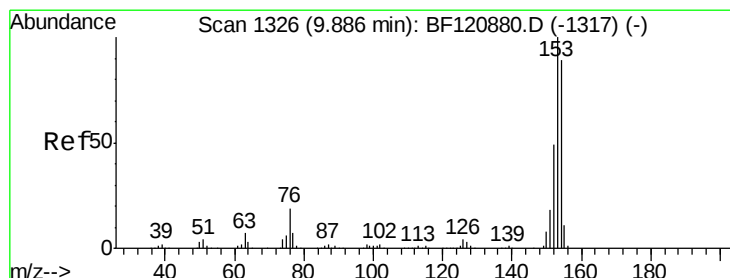
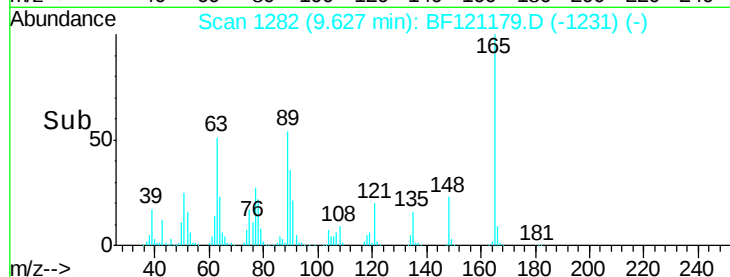
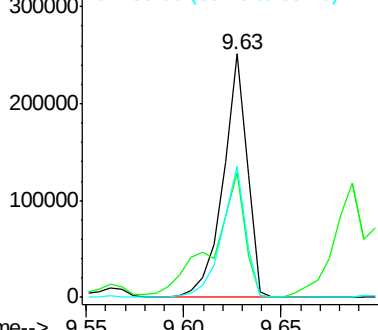
89 53.7 43.5 65.3

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



#52

Acenaphthene

Concen: 41.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF121179.D

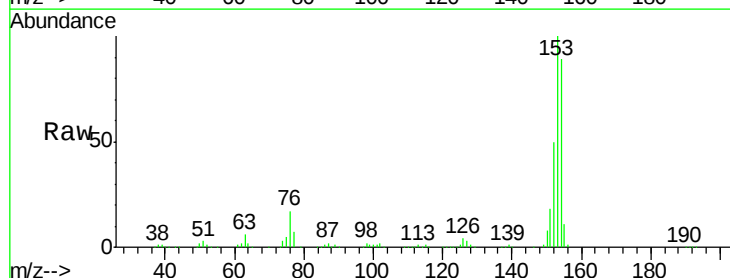
Acq: 3 Aug 2020 16:46

Tgt Ion:154 Resp: 723565
Ion Ratio Lower Upper

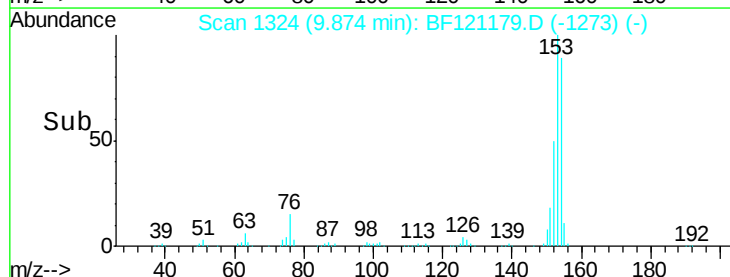
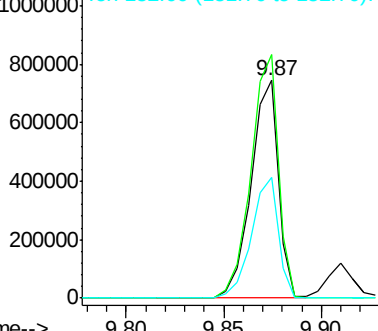
154 100

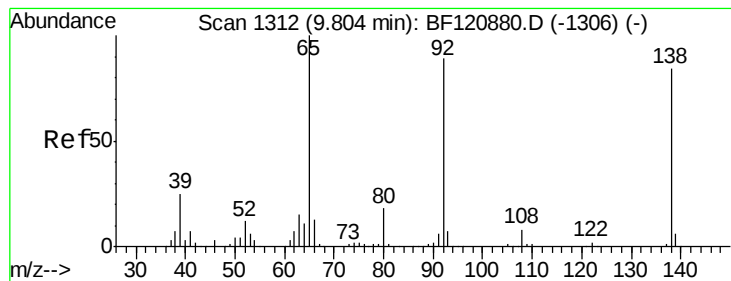
153 111.8 89.6 134.4

152 55.5 43.8 65.6



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





#53

3-Nitroaniline

Concen: 29.384 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

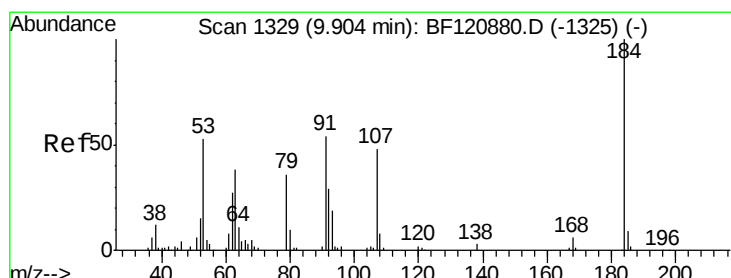
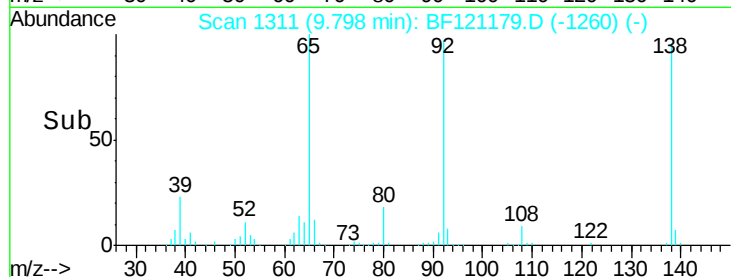
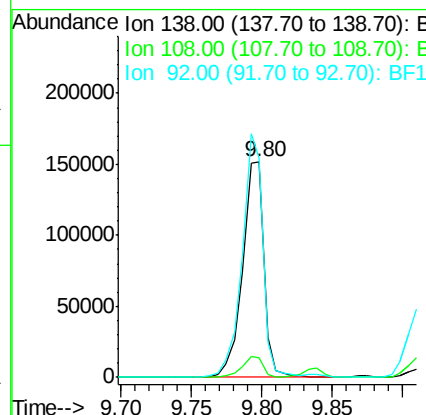
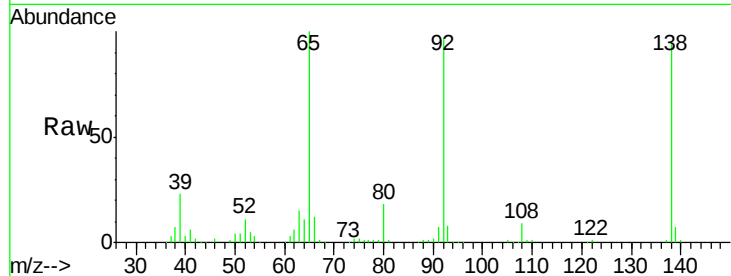
ClientSampleId :

COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.8	11.8
92	101.8	85.0	127.4

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#54

2,4-Dinitrophenol

Concen: 80.950 ng

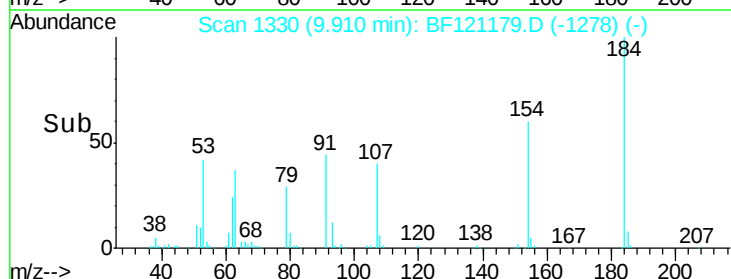
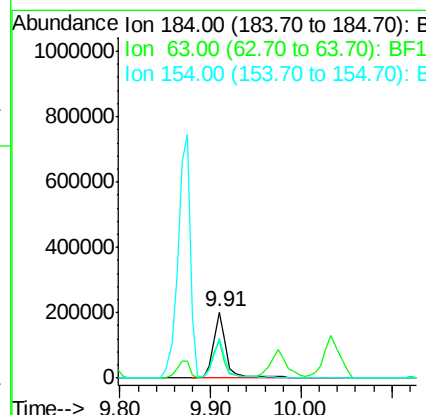
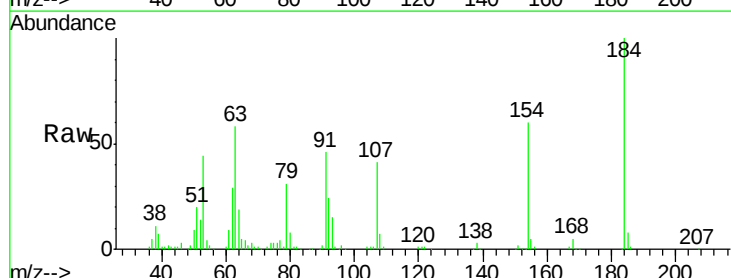
RT: 9.91 min Scan# 1330

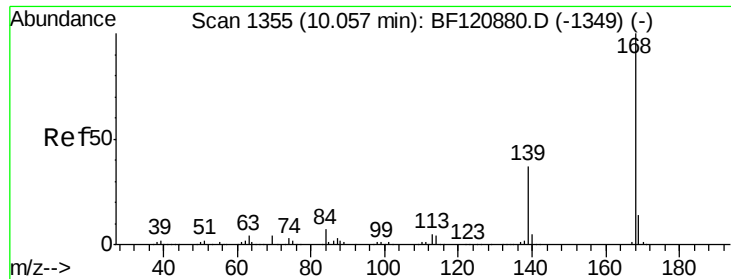
Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.7	42.5	63.7
154	60.0	46.8	70.2





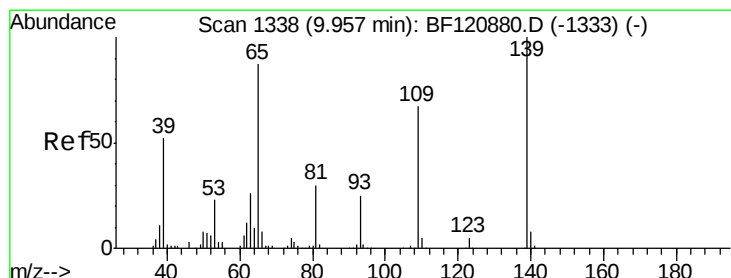
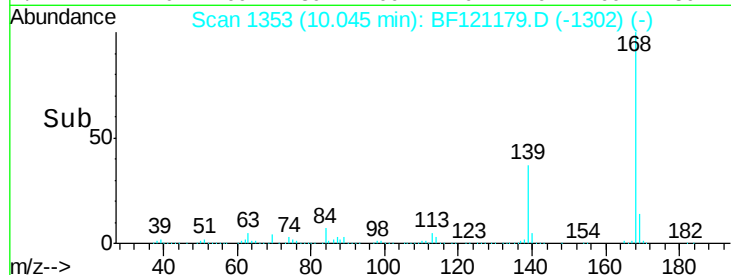
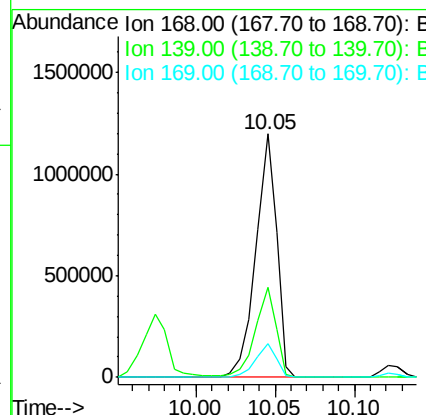
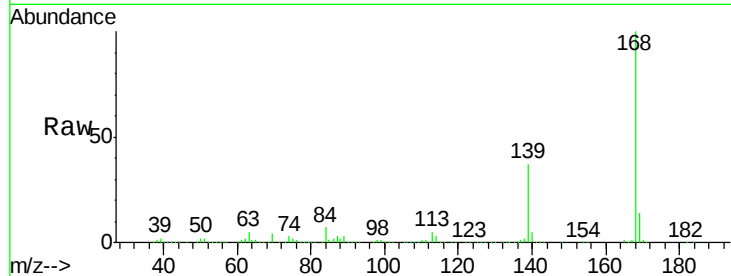
#55
Dibenzenofuran
Concen: 43.650 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:168 Resp: 1092005
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 13.7 11.3 16.9

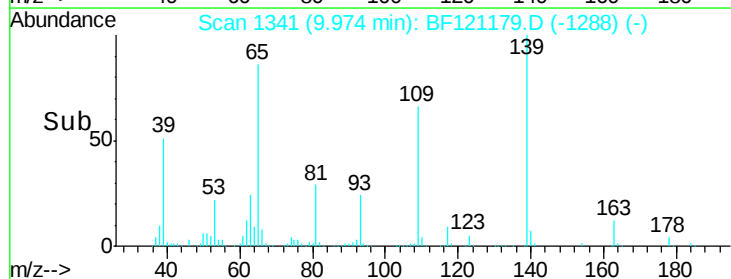
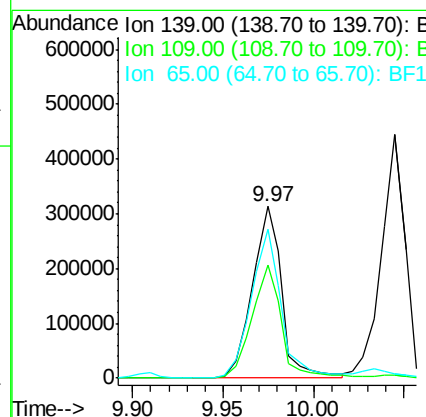
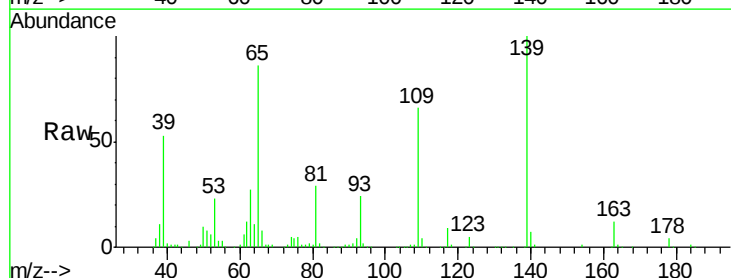
Manual Integrations
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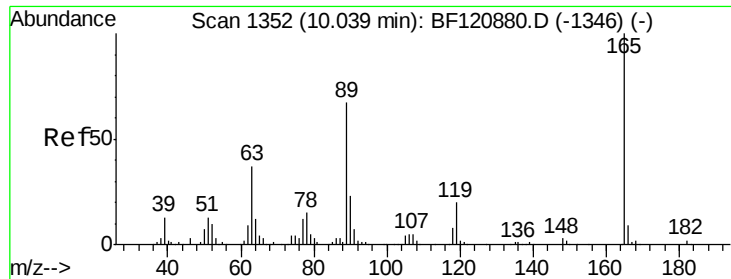
mohammad
8/5/2020 10:24:53 AM



#56
4-Nitrophenol
Concen: 85.104 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

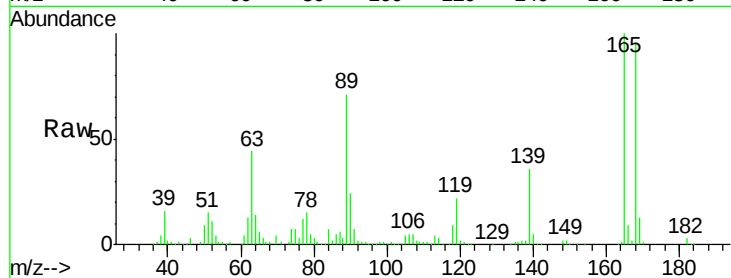
Tgt Ion:139 Resp: 353936
Ion Ratio Lower Upper
139 100
109 66.0 44.8 84.8
65 86.4 65.6 105.6





#57
2,4-Dinitrotoluene
Concen: 48.450 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

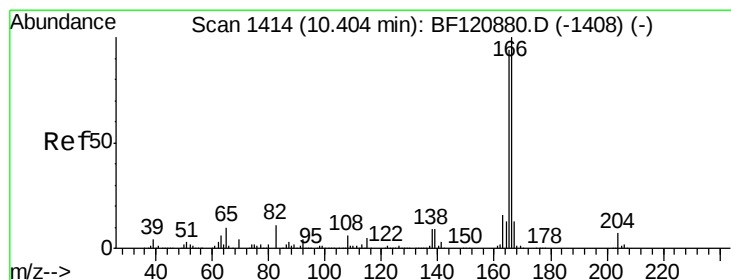
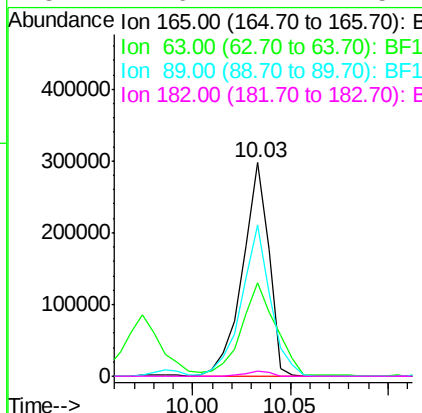
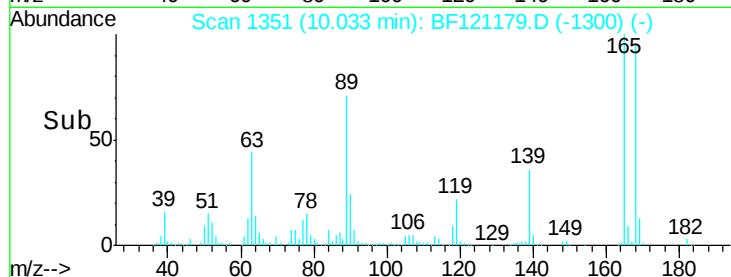
Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD



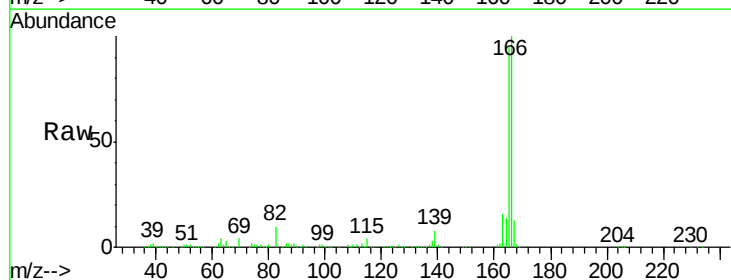
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	277741		
63	43.6	29.8	44.8	
89	71.0	50.3	75.5	
182	2.6	2.1	3.1	

Manual Integrations
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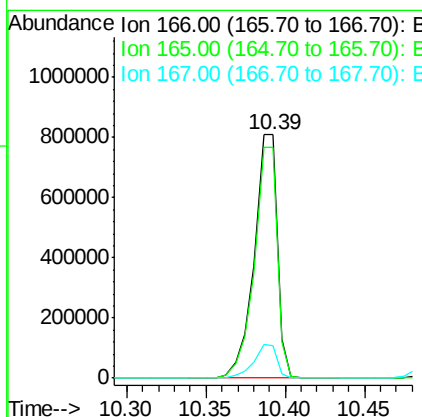
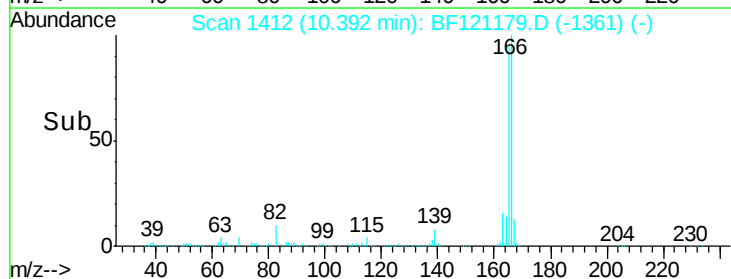
mohammad
8/5/2020 10:24:53 AM

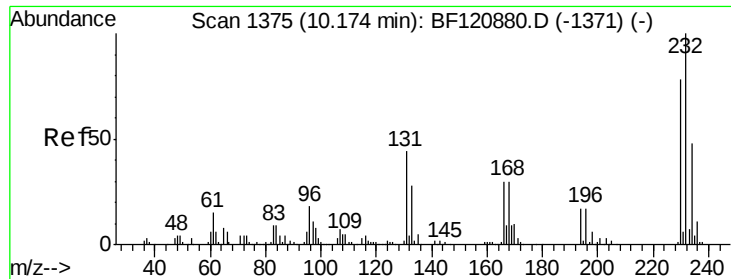


#58
Fluorene
Concen: 44.152 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46



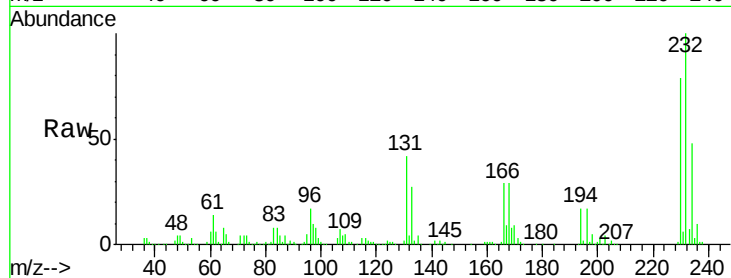
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	823819		
165	95.1	76.4	114.6	
167	13.4	10.7	16.1	





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.876 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

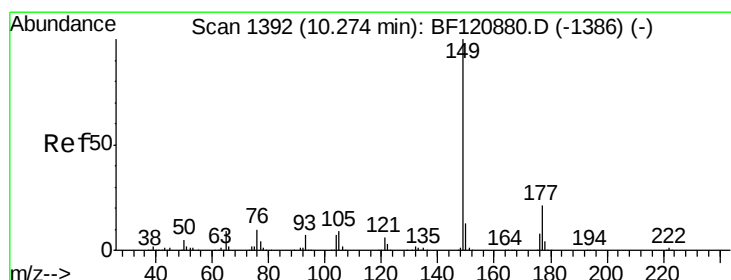
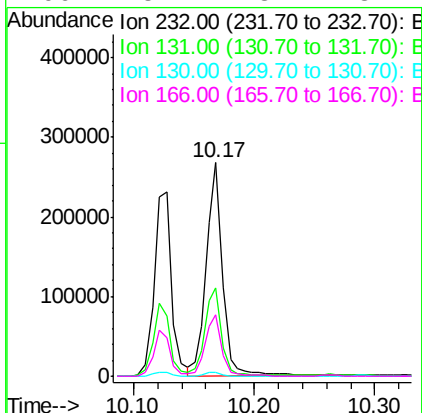
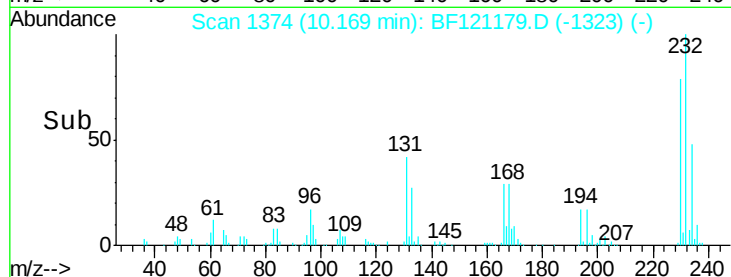
Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	248876		
131	42.5	34.2	51.2	
130	2.1	1.7	2.5	
166	28.7	23.1	34.7	

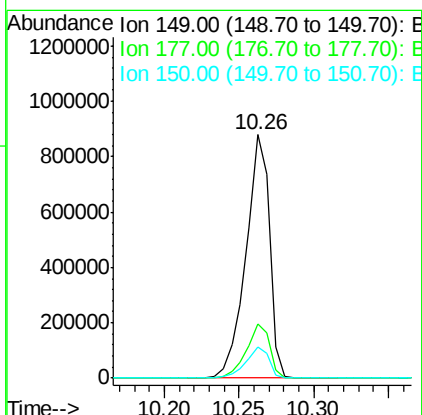
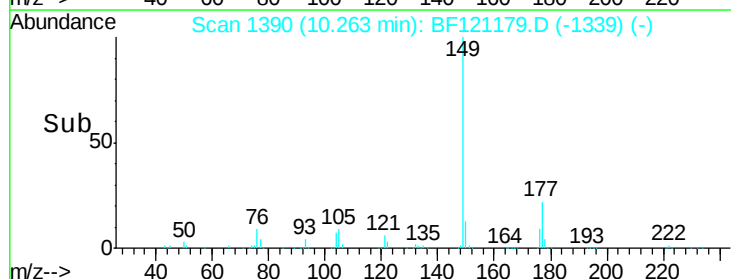
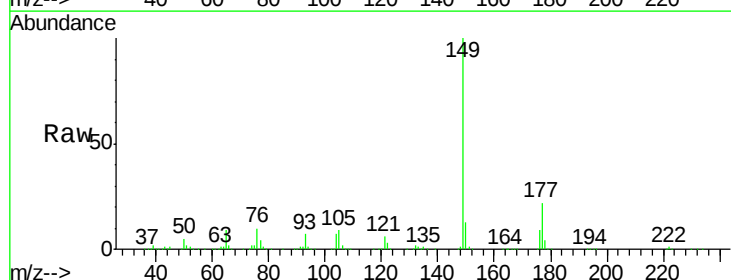
Manual Integrations
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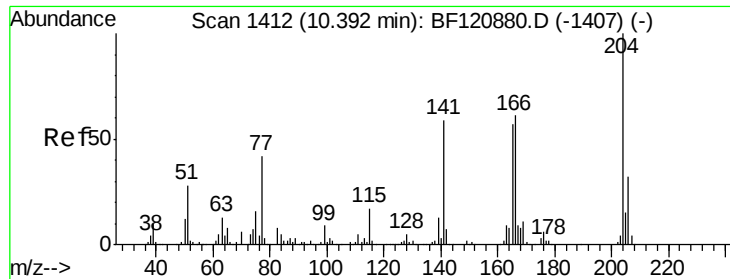
mohammad
 8/5/2020 10:24:53 AM



#60
 Diethylphthalate
 Concen: 46.356 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	952705		
177	22.2	17.6	26.4	
150	12.8	10.2	15.4	





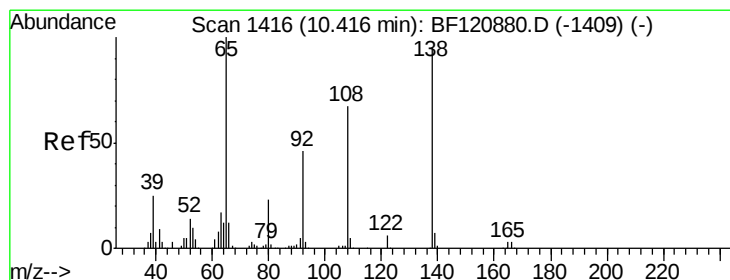
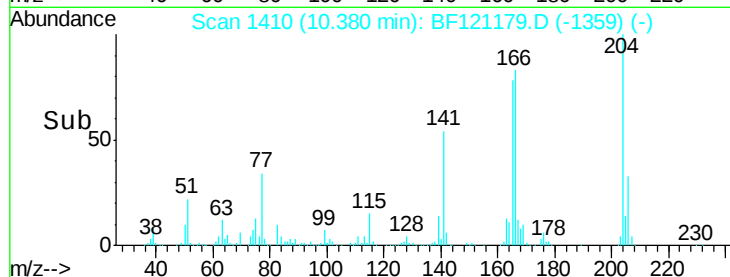
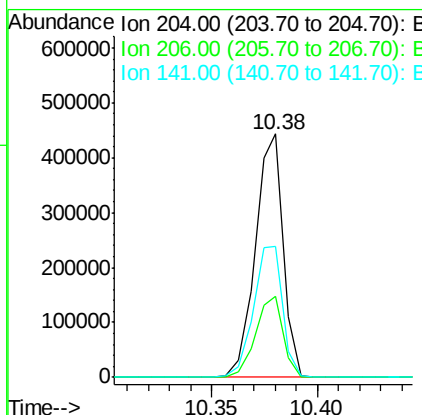
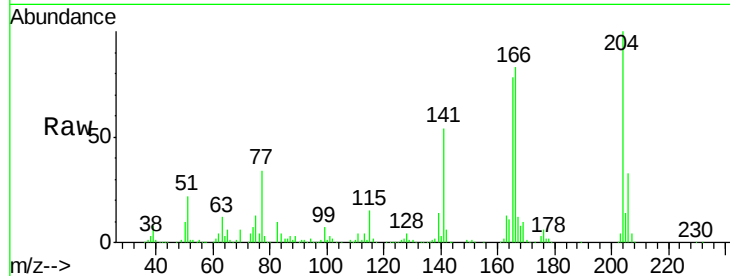
#61
 4-Chlorophenyl-phenylether
 Concen: 40.730 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion:	204	Resp:	405347
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.0	39.0
141	53.7	46.9	70.3

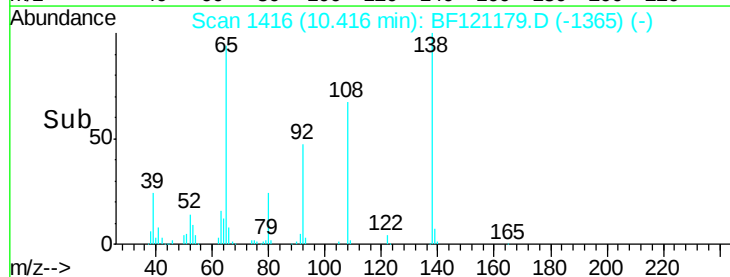
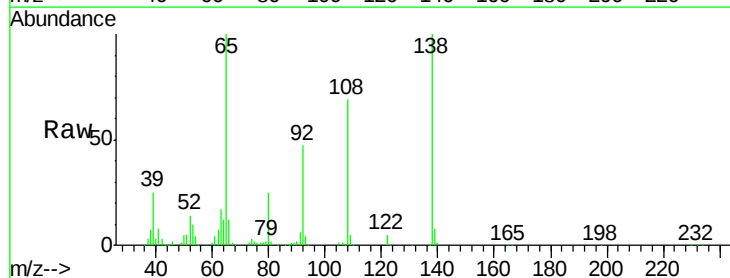
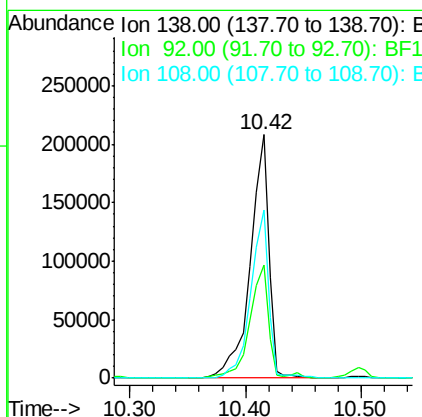
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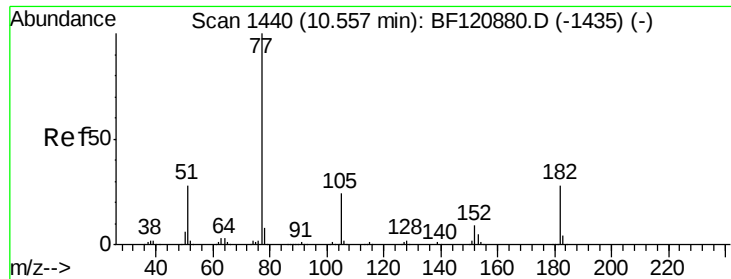
mohammad
 8/5/2020 10:24:53 AM



#62
 4-Nitroaniline
 Concen: 43.892 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

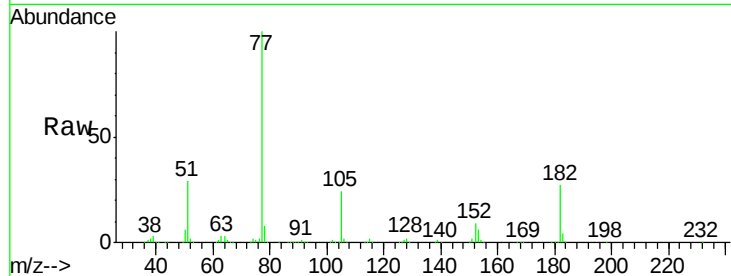
Tgt Ion:	138	Resp:	234081
Ion Ratio	Lower	Upper	
138	100		
92	46.6	25.2	65.2
108	69.2	46.7	86.7





#63
Azobenzene
Concen: 44.725 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

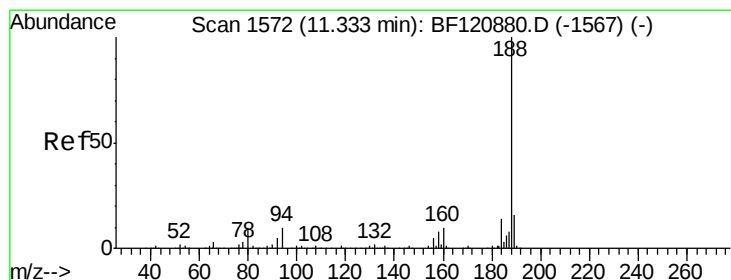
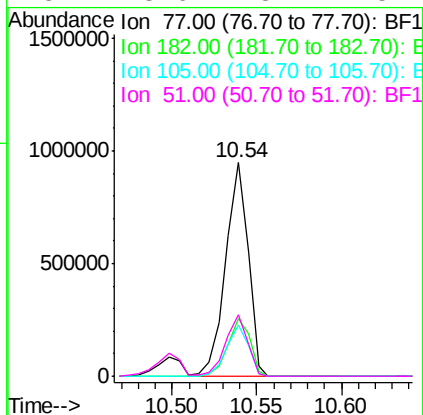
Instrument :
BNA_F
ClientSampled :
COMP-CDMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
182	26.9	4.5	44.5
105	24.0	3.4	43.4
51	28.6	8.7	48.7

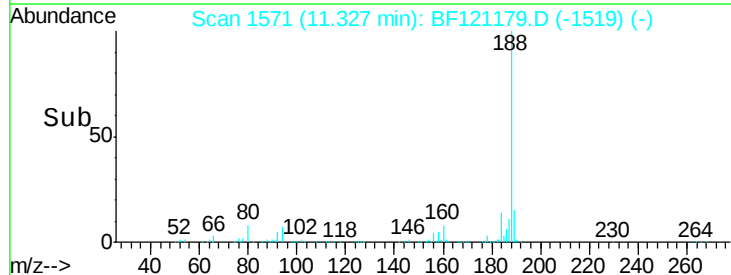
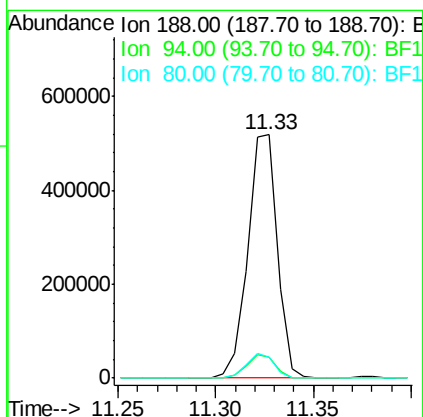
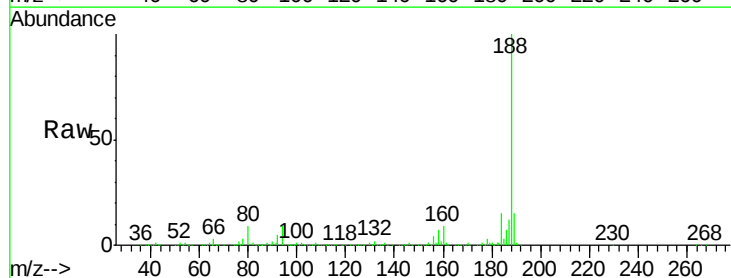
Manual Integrations
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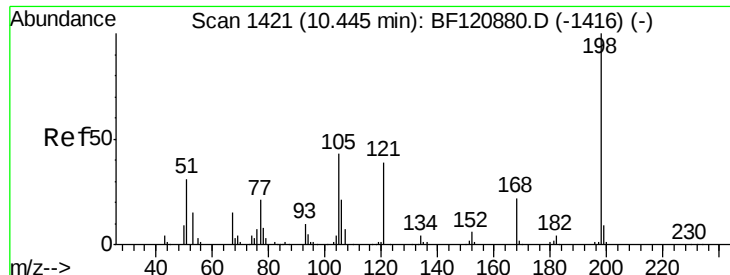
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.0	12.0
80	8.5	8.3	12.5





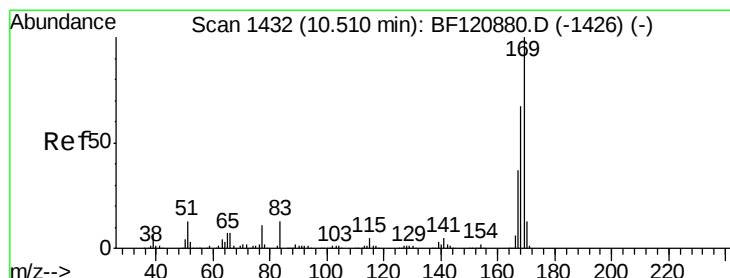
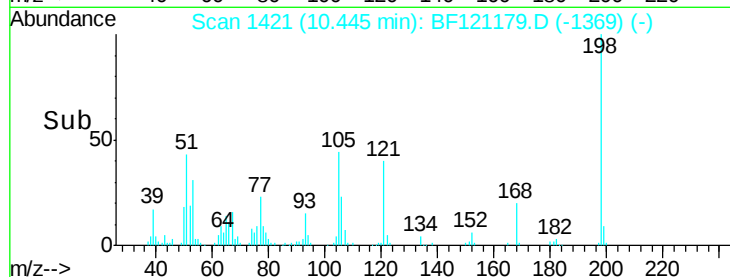
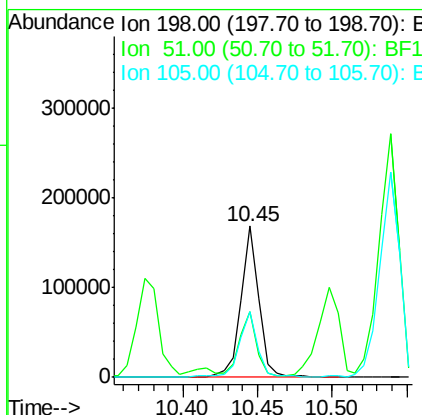
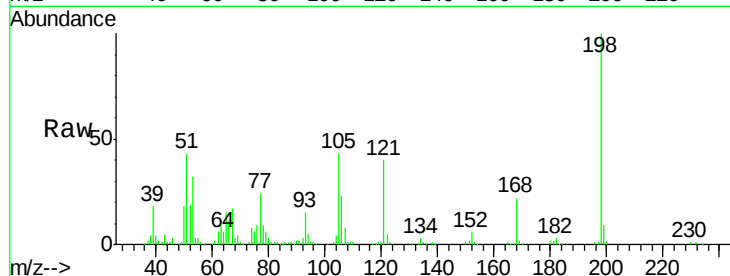
#65
4,6-Dinitro-2-methylphenol
Concen: 45.489 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142059		
51	43.1	23.4	63.4	
105	43.5	23.7	63.7	

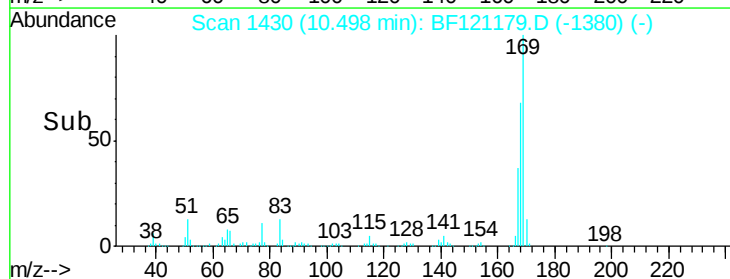
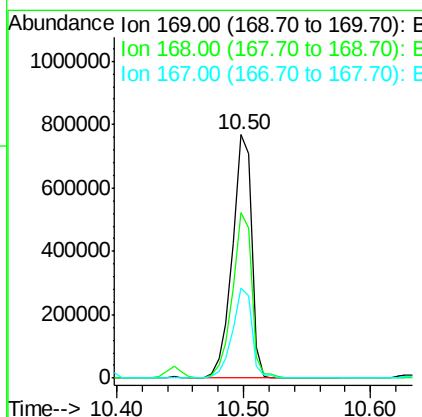
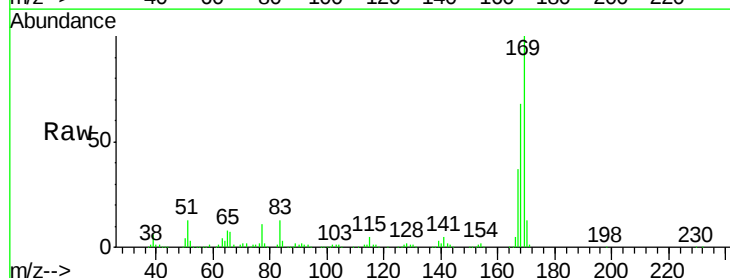
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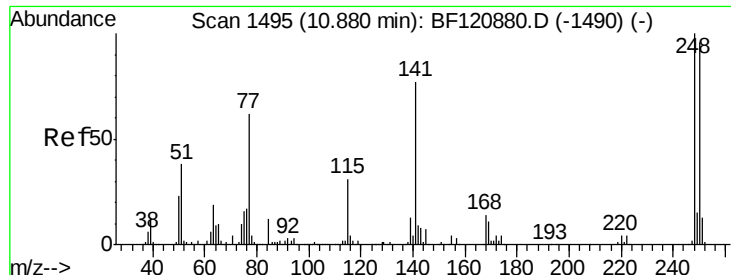
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.821 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	798595		
168	67.9	53.7	80.5	
167	37.2	30.0	45.0	





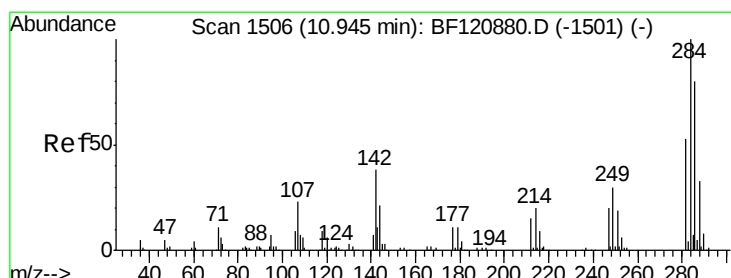
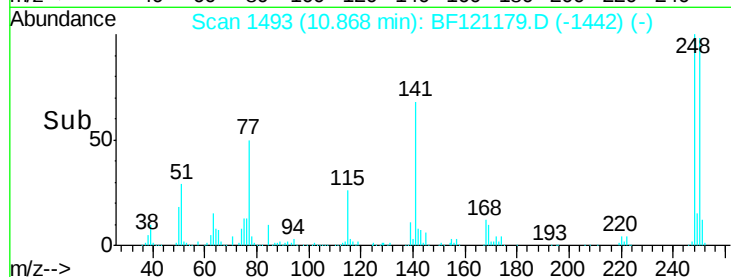
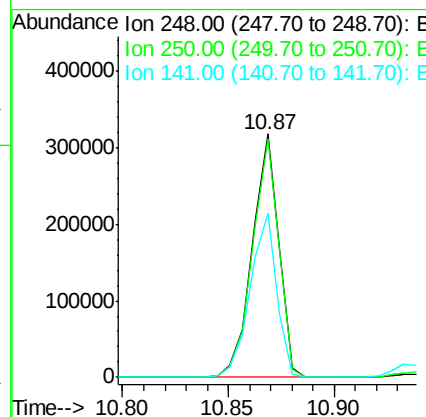
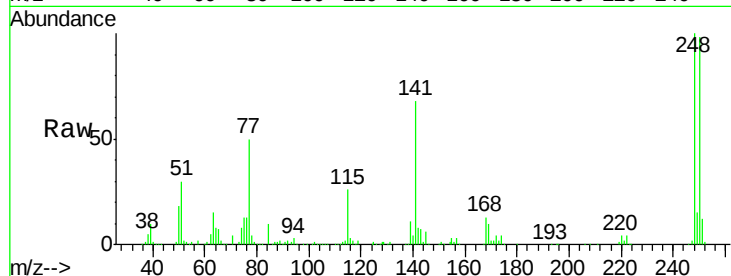
#67
 4-Bromophenyl-phenylether
 Concen: 45.739 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.0	115.6
141	67.6	56.6	85.0

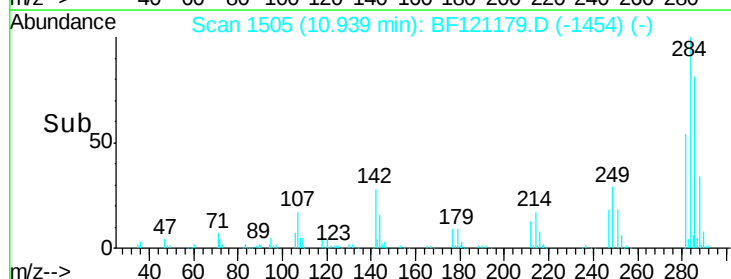
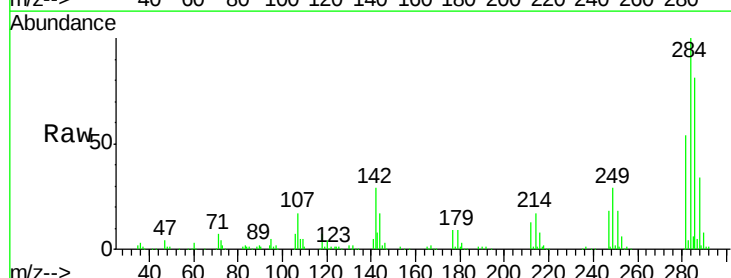
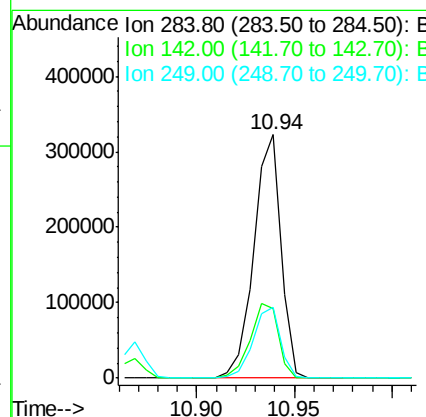
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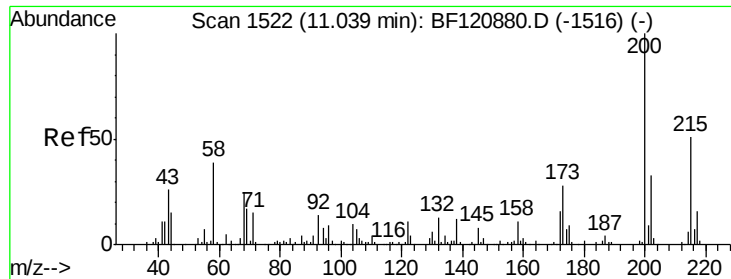
mohammad
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#68
 Hexachlorobenzene
 Concen: 47.448 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	21.1	31.7
249	29.1	22.5	33.7





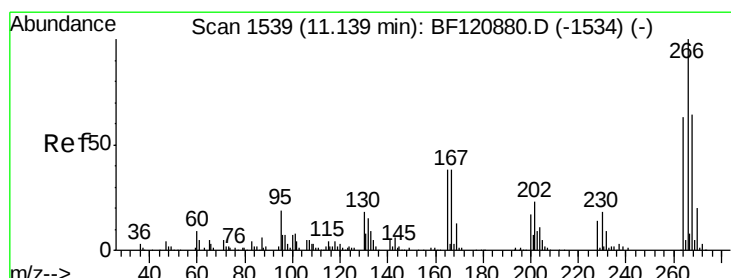
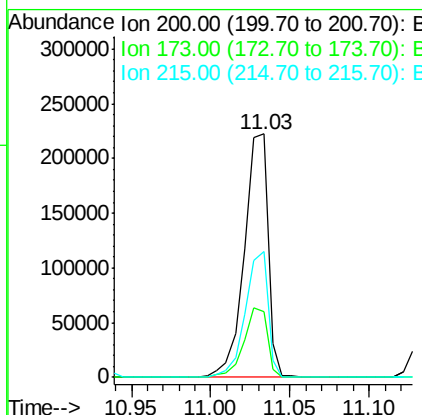
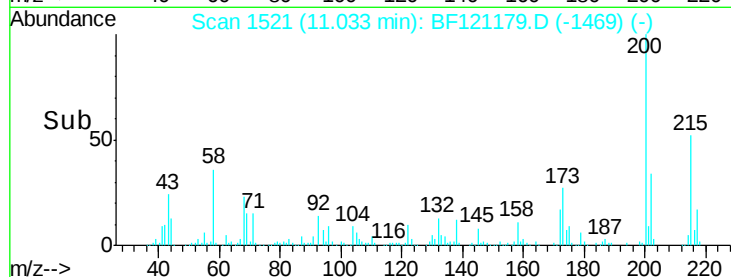
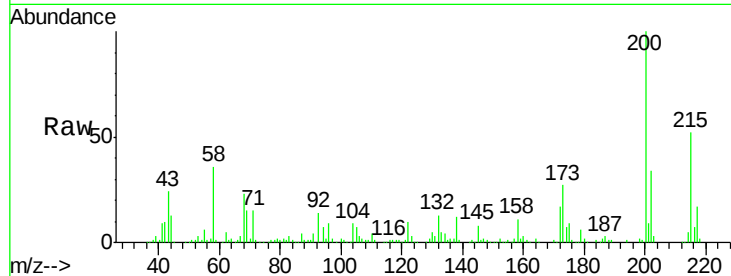
#69
 Atrazine
 Concen: 54.772 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	7.6	47.6
215	51.9	28.8	68.8

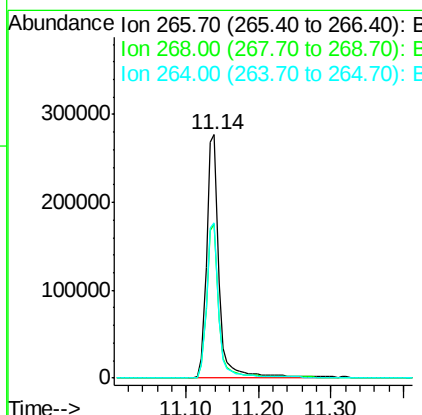
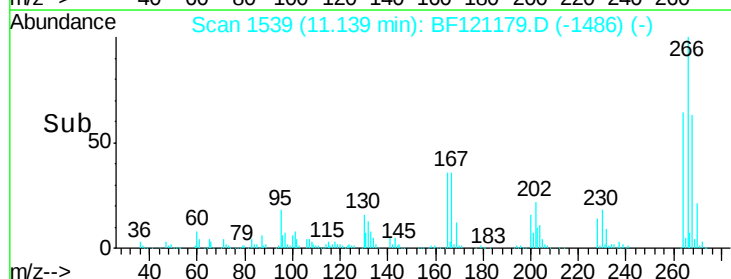
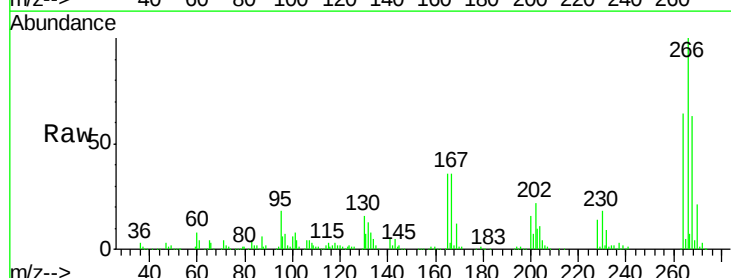
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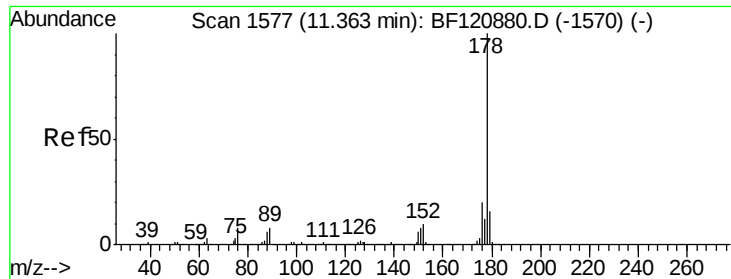
mohammad
 8/5/2020 10:24:53 AM



#70
 Pentachlorophenol
 Concen: 89.541 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.1	49.7	74.5
264	64.0	50.4	75.6





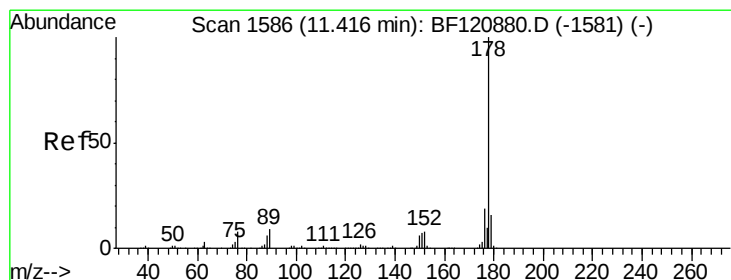
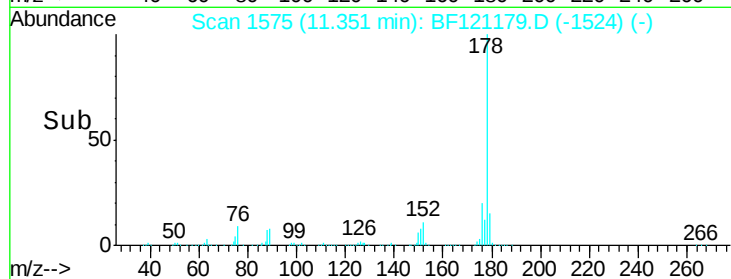
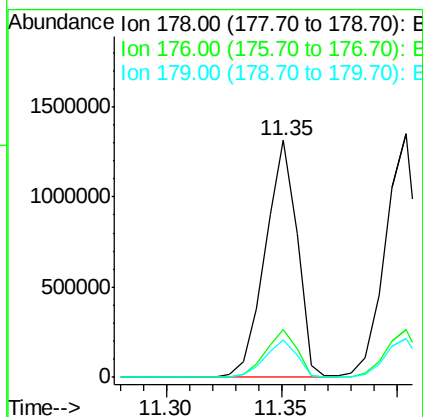
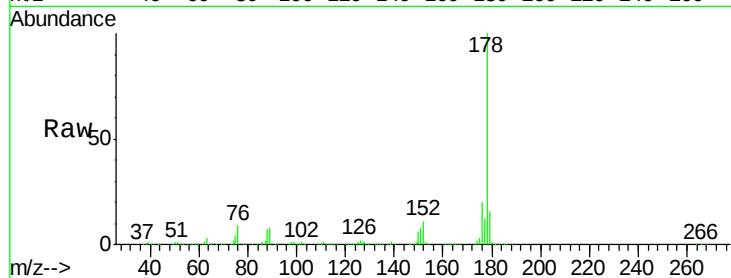
#71
Phenanthrene
Concen: 45.364 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:178 Resp: 1264988
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.9 12.6 19.0

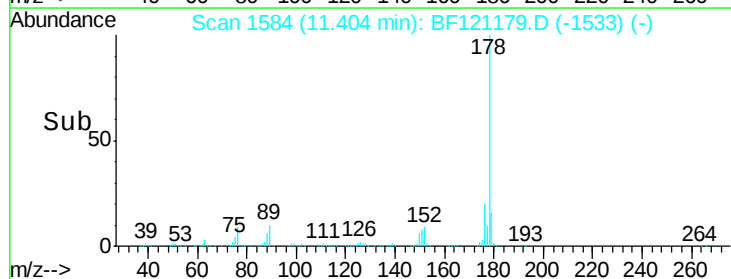
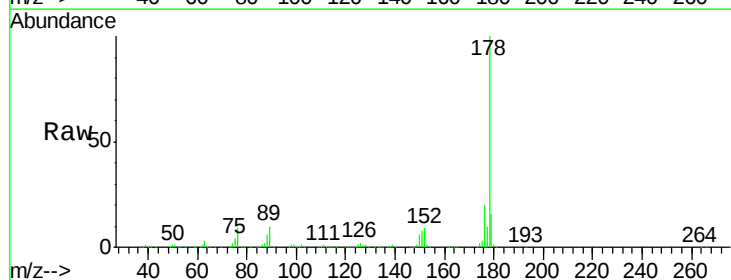
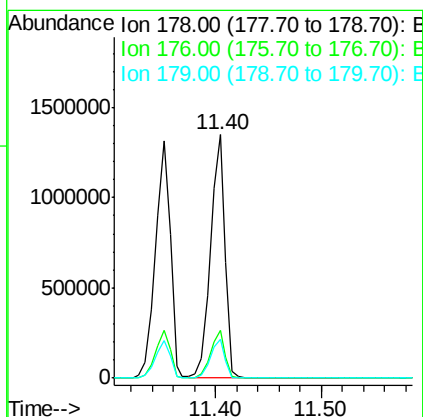
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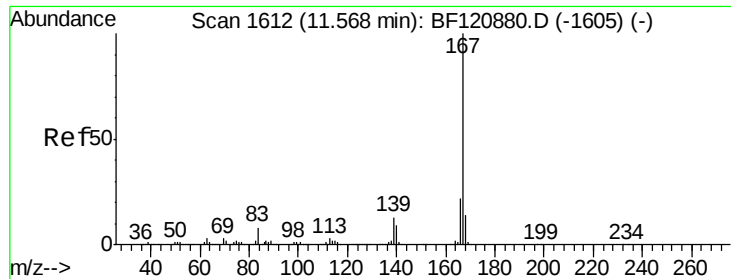
mohammad
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#72
Anthracene
Concen: 46.474 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:178 Resp: 1301300
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.2 12.6 19.0





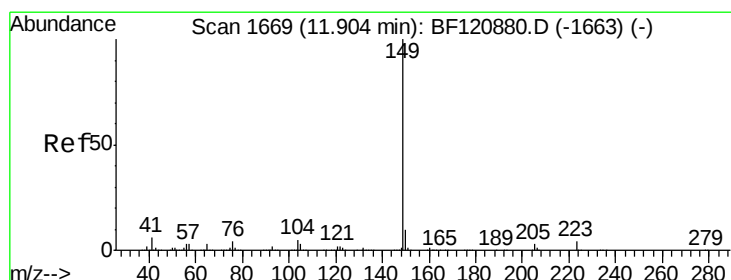
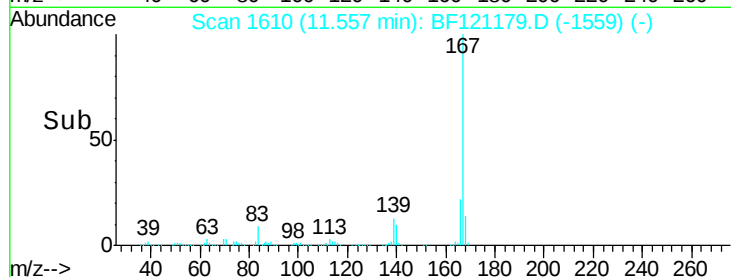
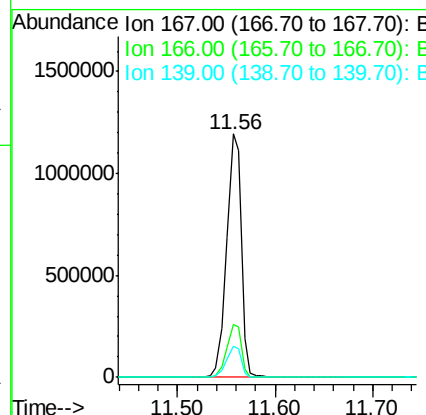
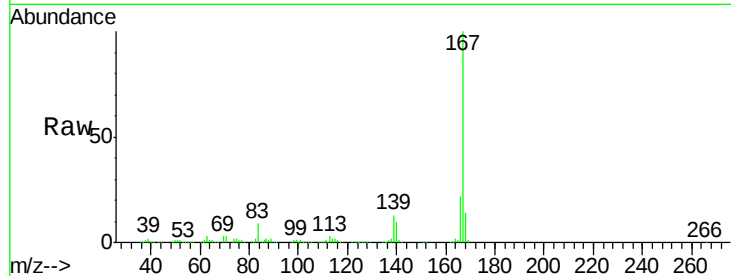
#73
 Carbazole
 Concen: 44.972 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.9	10.5	15.7

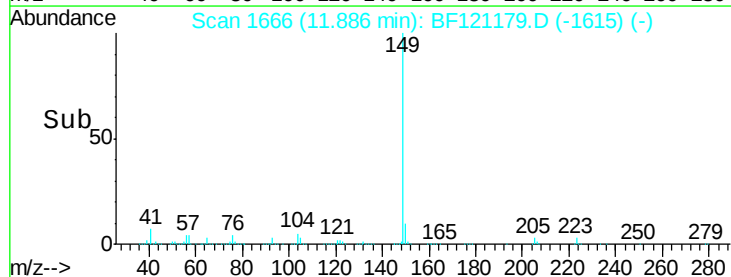
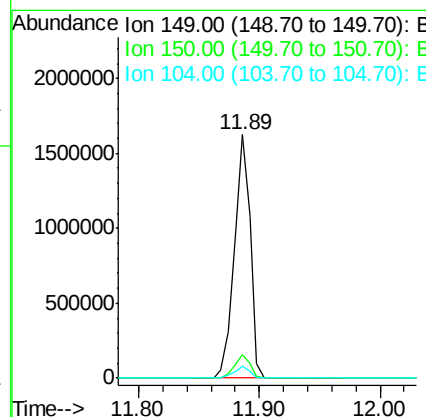
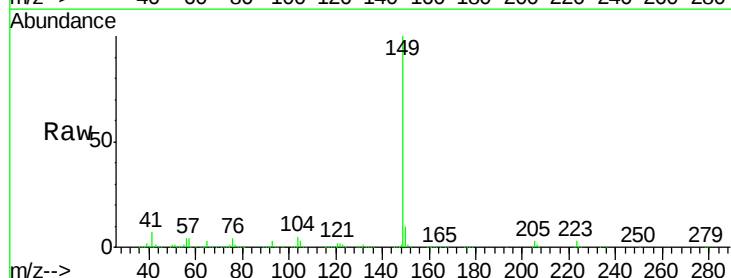
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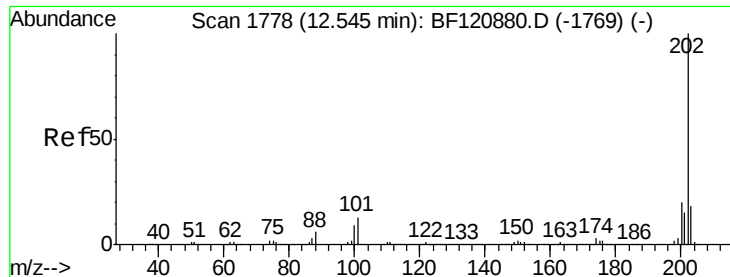
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.084 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 44.924 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

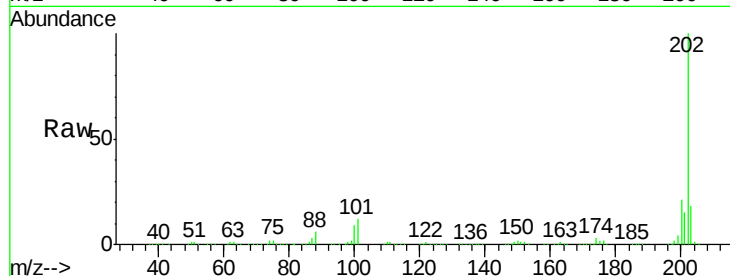
ClientSampleId :

COMP-CDMSD

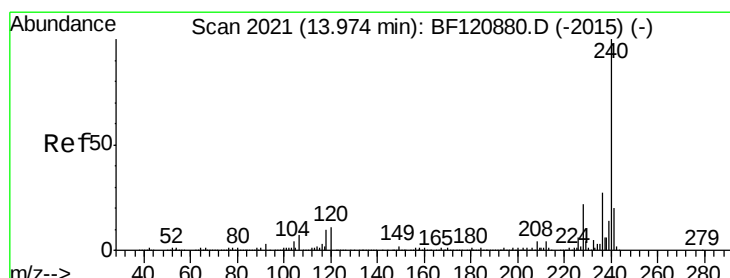
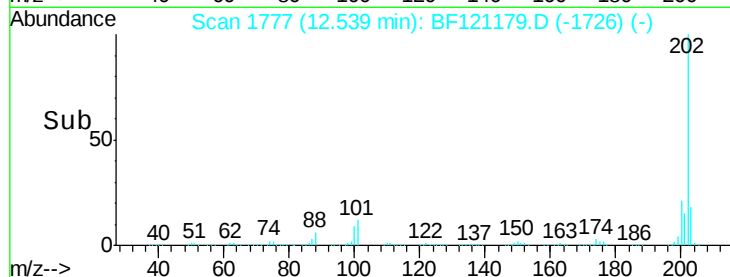
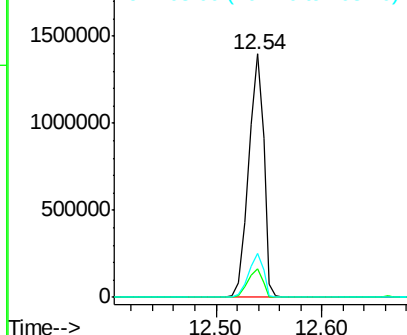
Tgt Ion:	202	Resp:	1388542
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	18.1	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

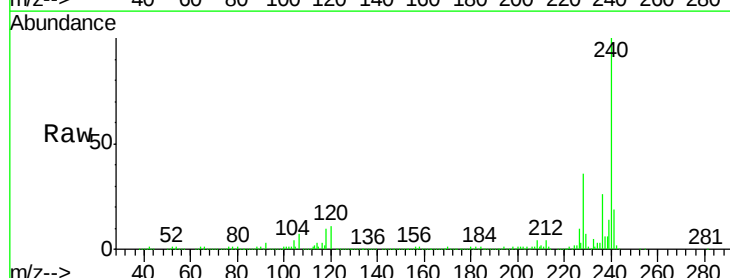
RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

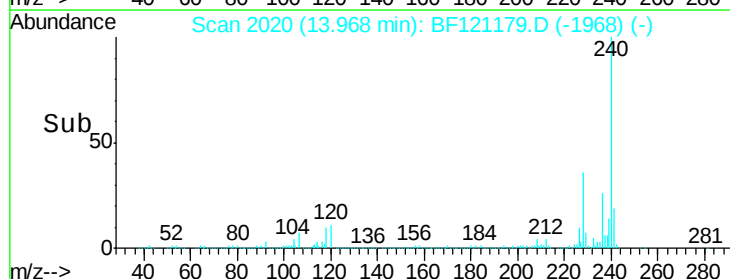
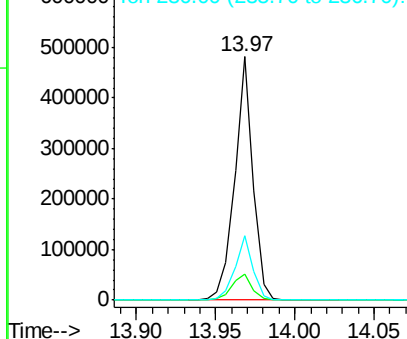
Lab File: BF121179.D

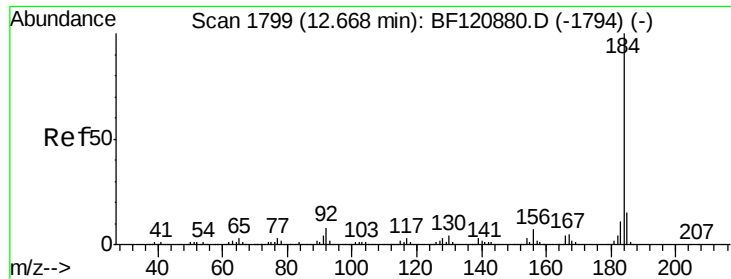
Acq: 3 Aug 2020 16:46

Tgt Ion:	240	Resp:	382717
Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.5	21.1	31.7



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





#77

Benzidine

Concen: 86.510 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

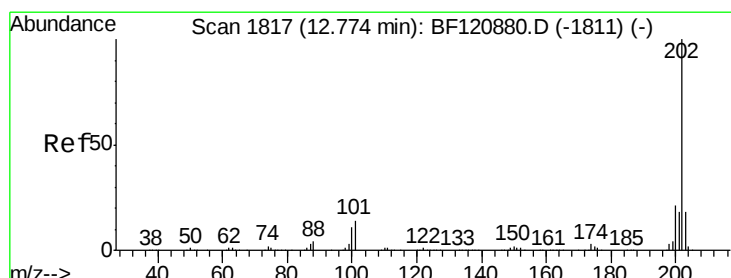
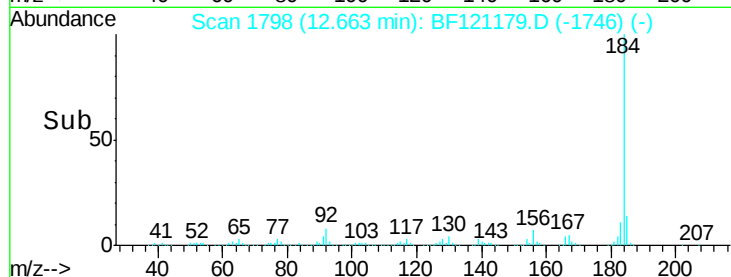
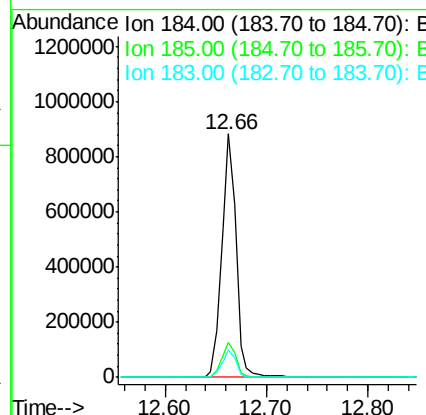
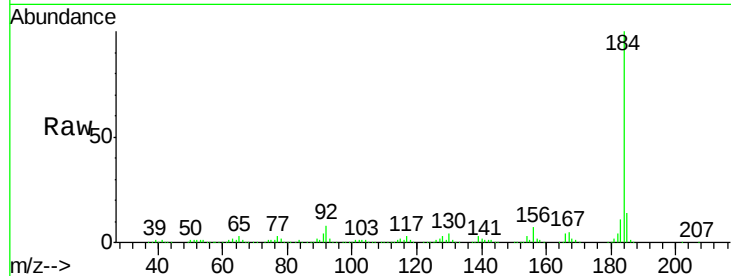
ClientSampleId :

COMP-CDMSD

Tgt Ion:	184	Resp:	870490
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.1	18.1
183	11.2	9.0	13.4

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#78

Pyrene

Concen: 52.343 ng

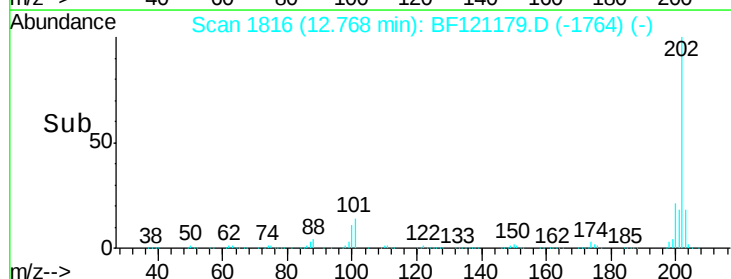
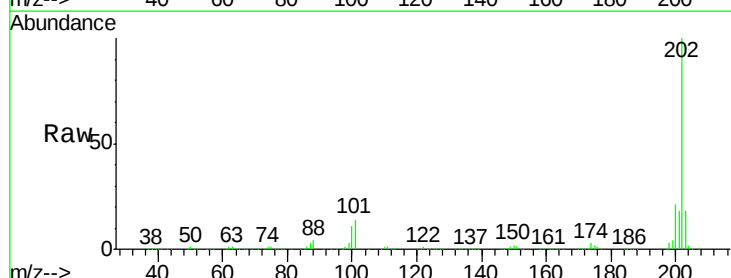
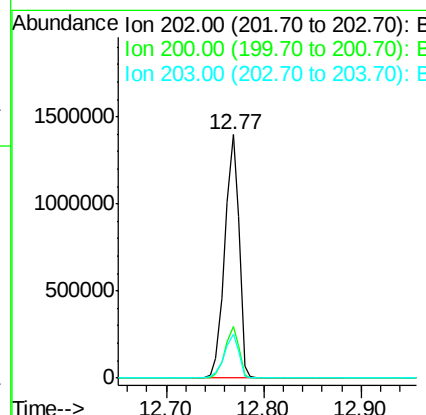
RT: 12.77 min Scan# 1816

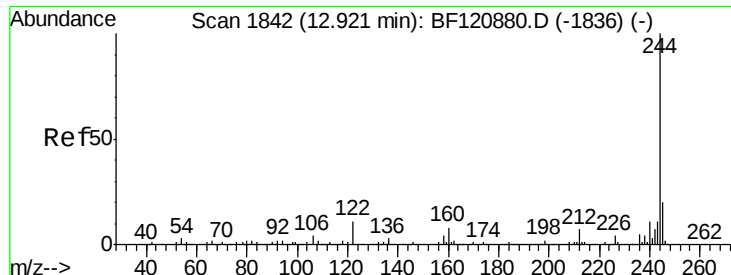
Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Tgt Ion:	202	Resp:	1416309
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.6
203	18.1	14.6	21.8





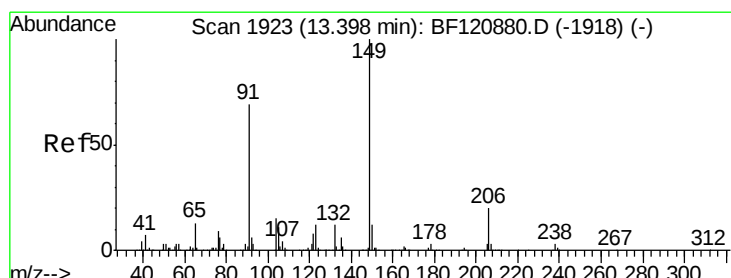
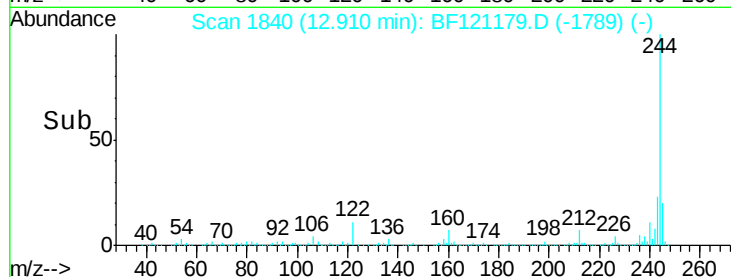
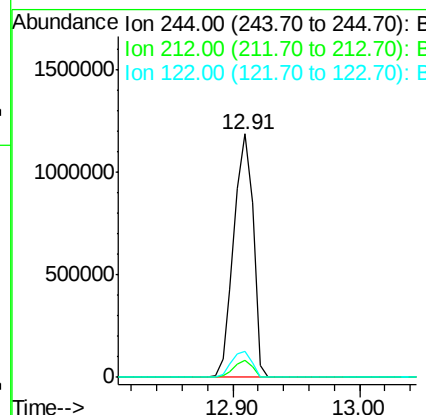
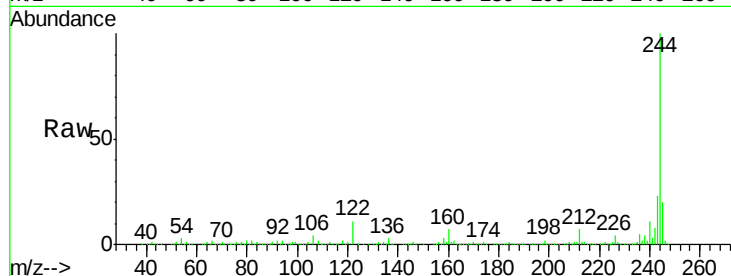
#79
 Terphenyl-d14
 Concen: 71.381 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion: 244 Resp: 1256743
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 8.3 12.5

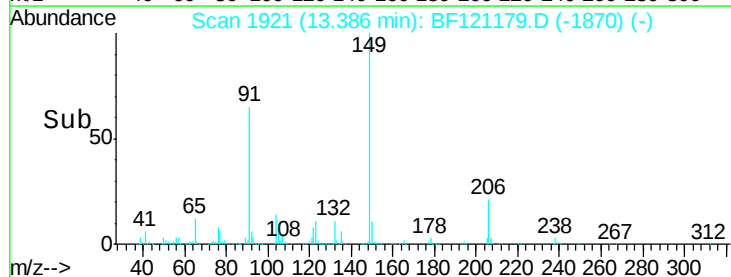
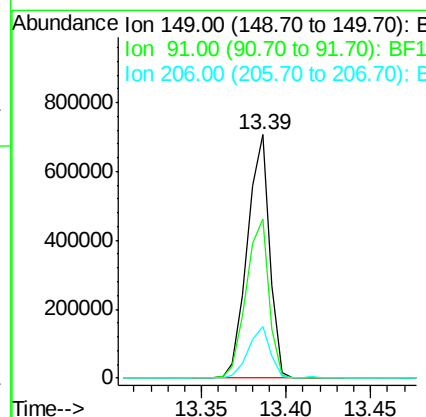
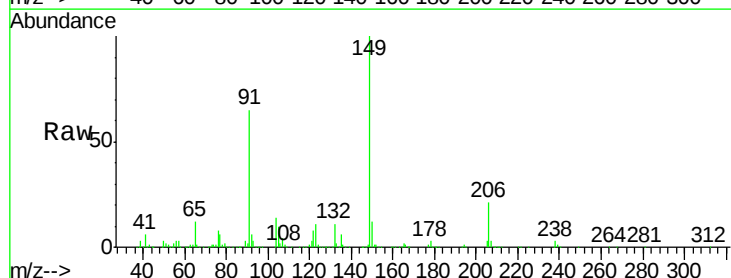
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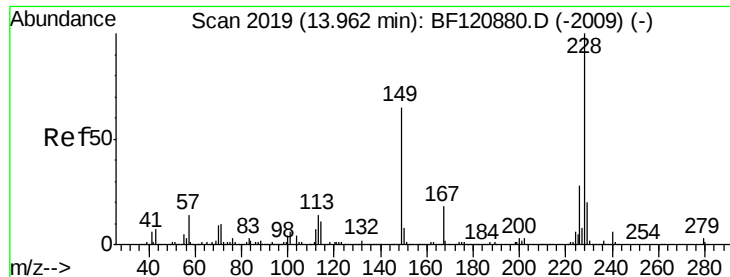
mohammad
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#80
 Butylbenzylphthalate
 Concen: 53.721 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion: 149 Resp: 647993
 Ion Ratio Lower Upper
 149 100
 91 65.3 51.4 77.0
 206 21.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 49.029 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tgt Ion:228 Resp: 1136272

Ion Ratio Lower Upper

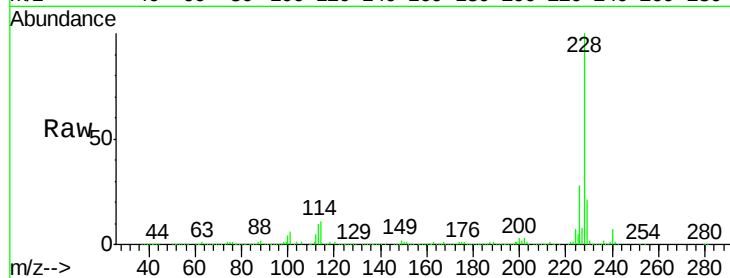
228 100

226 28.4 22.6 34.0

229 20.6 16.1 24.1

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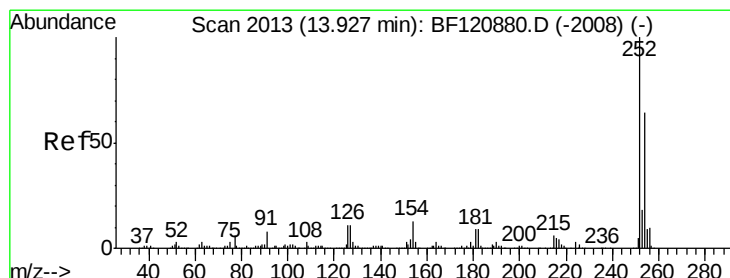
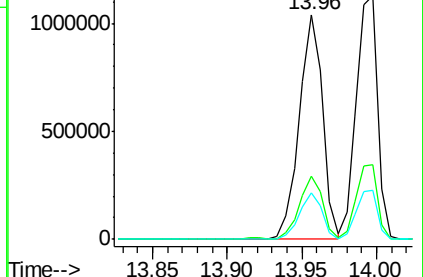
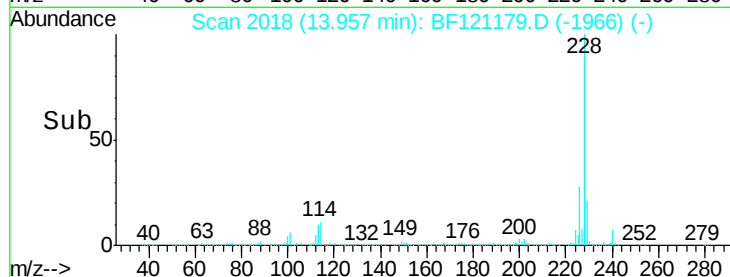
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.373 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

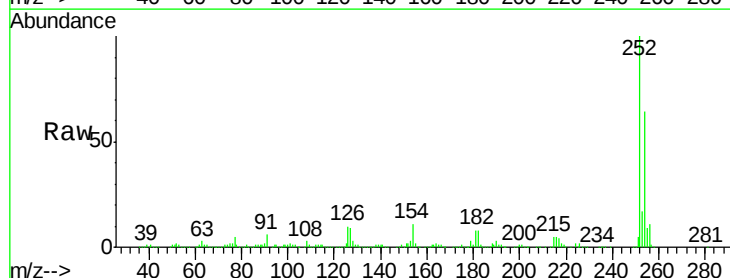
Tgt Ion:252 Resp: 414205

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

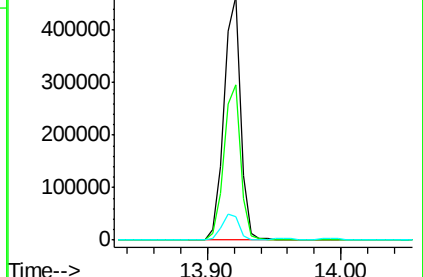
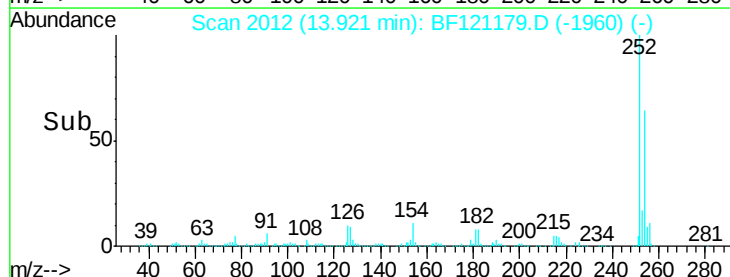
126 9.6 9.2 13.8

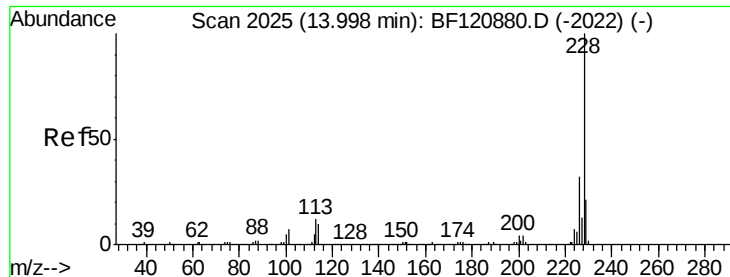


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.891 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-CDMSD

Tgt Ion:228 Resp: 1117678

Ion Ratio Lower Upper

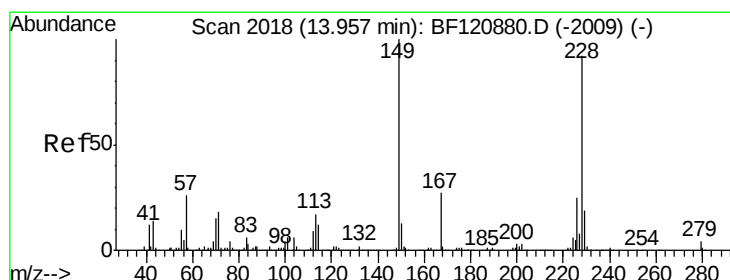
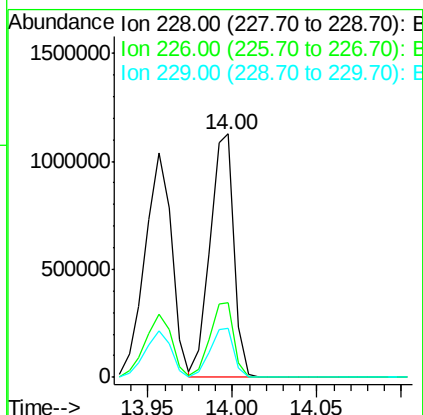
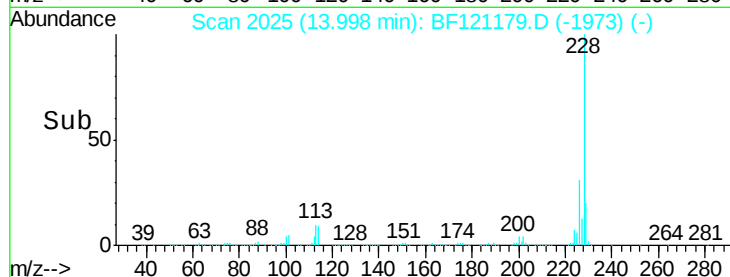
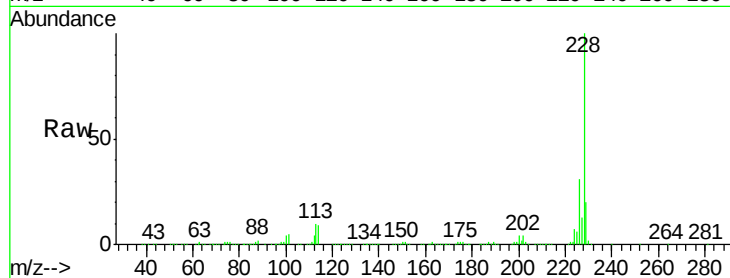
228 100

226 30.8 25.4 38.0

229 20.0 16.2 24.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 55.694 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121179.D

Acq: 3 Aug 2020 16:46

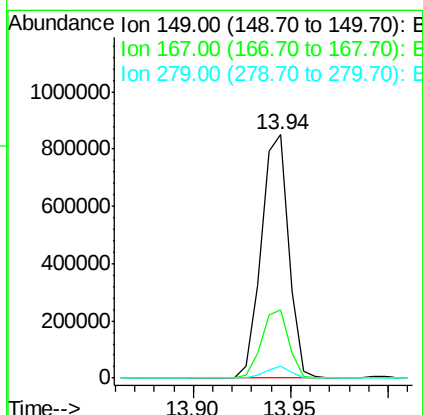
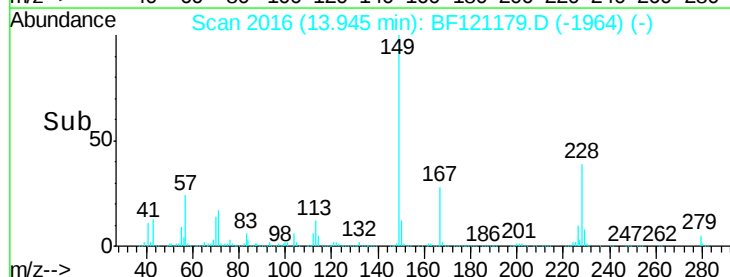
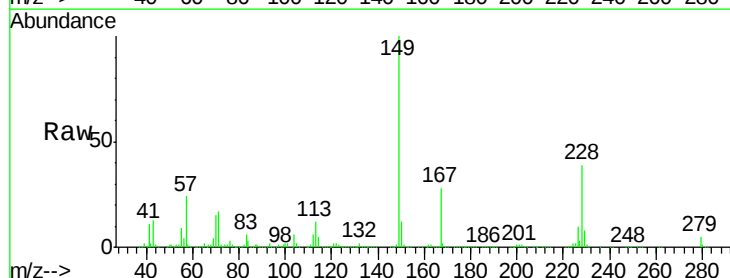
Tgt Ion:149 Resp: 828398

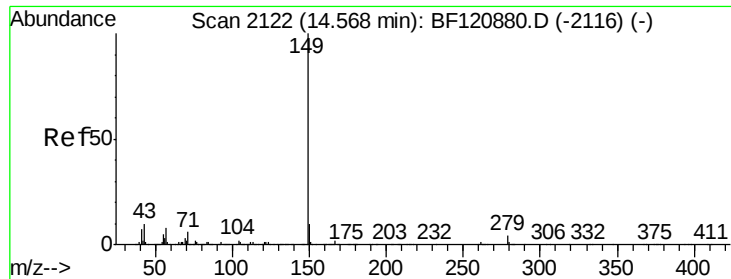
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.8 2.9 4.3#





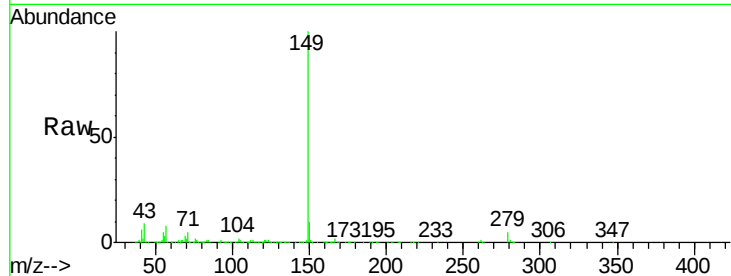
#85
Di-n-octyl phthalate
Concen: 49.141 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

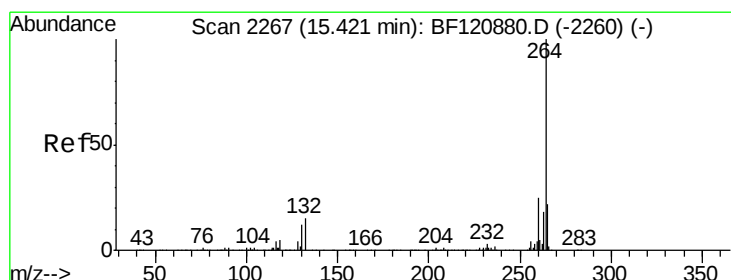
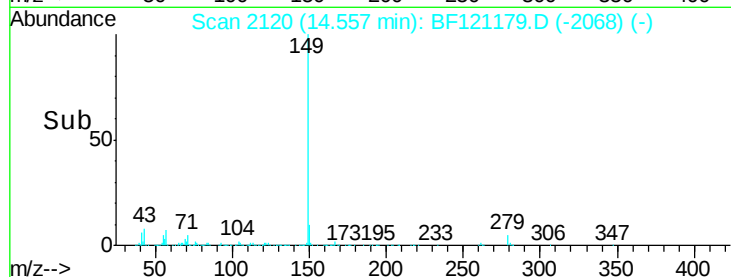
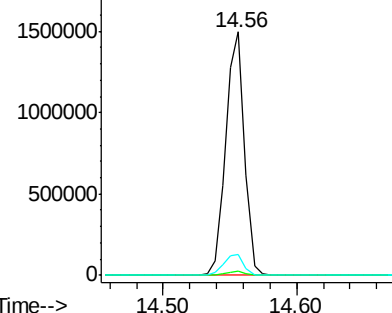
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.5	11.3

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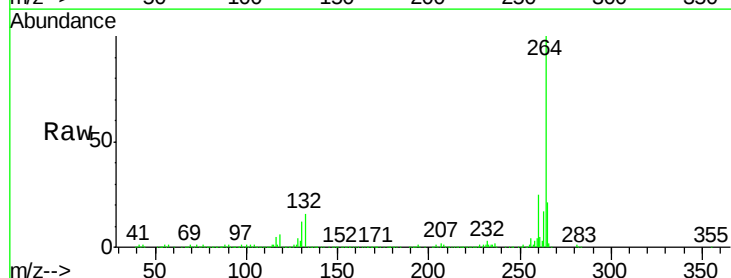


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

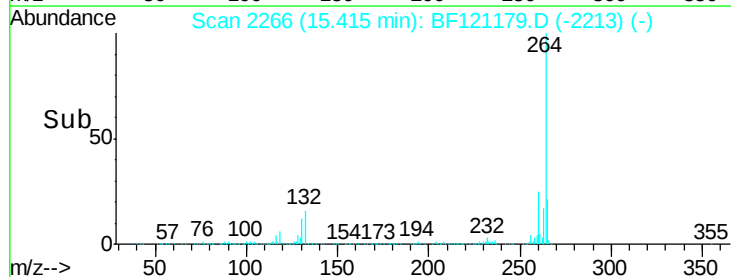
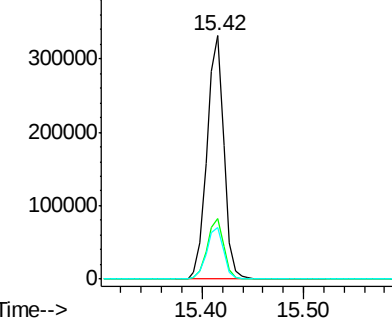


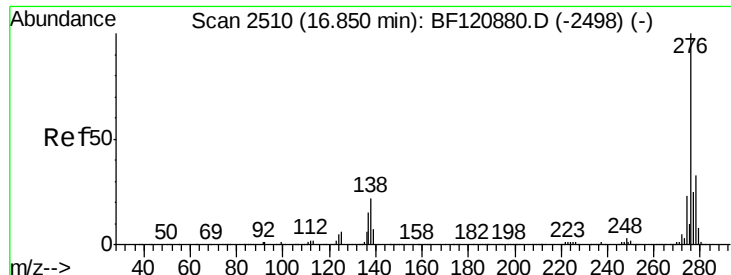
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	20.9	17.8	26.8



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





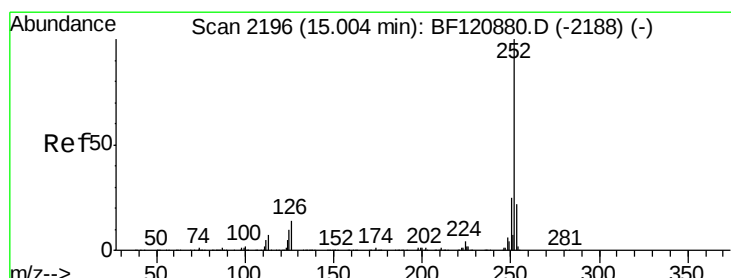
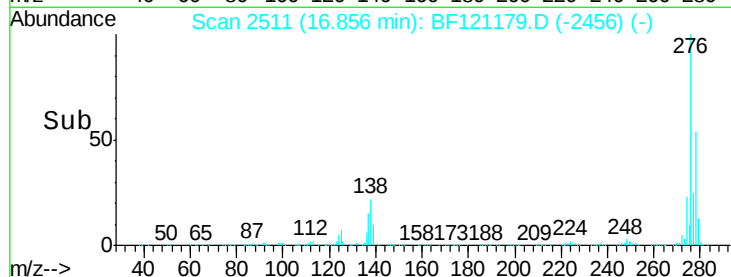
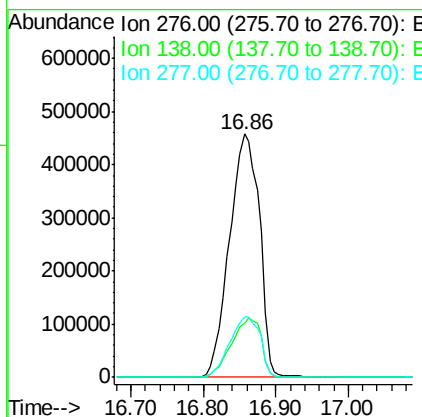
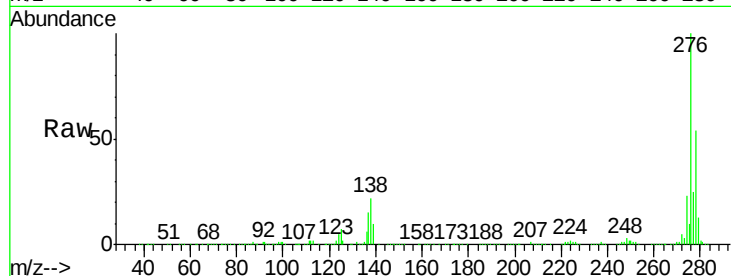
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.639 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.02 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-CDMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.3	28.9
277	25.3	20.1	30.1

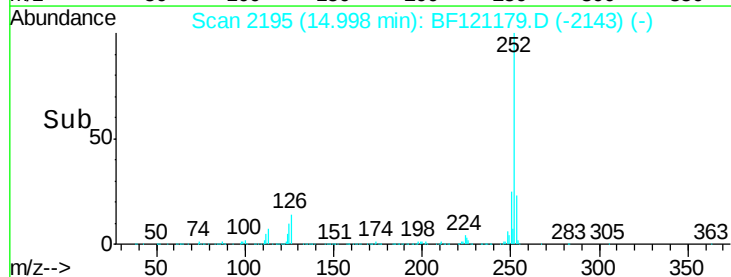
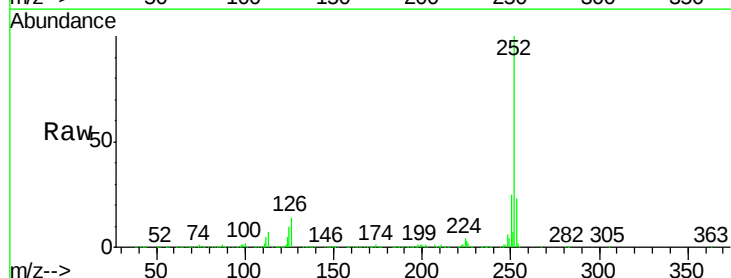
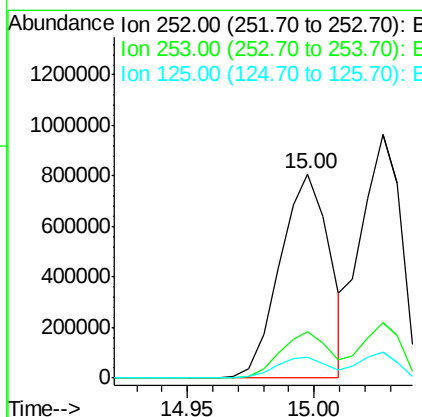
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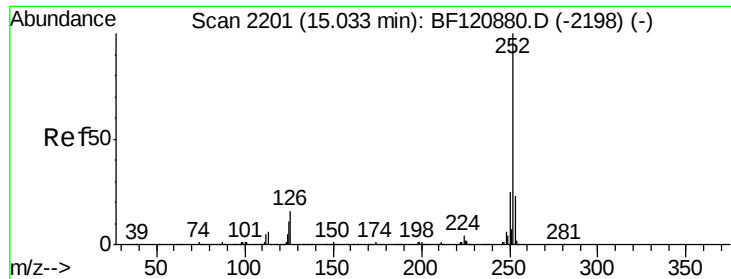
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 47.644 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: BF121179.D
 Acq: 3 Aug 2020 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.1	8.1	12.1





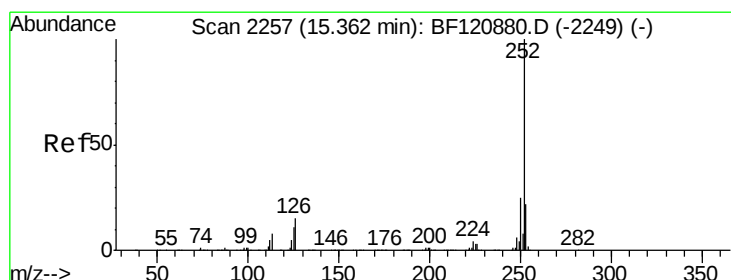
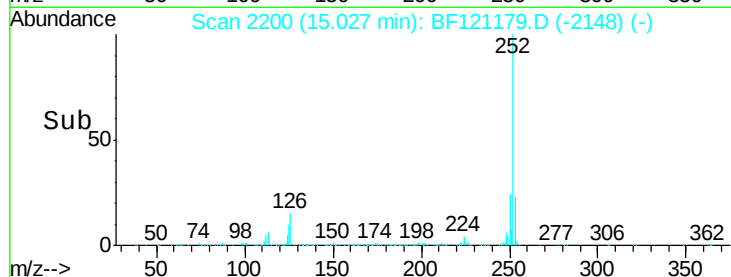
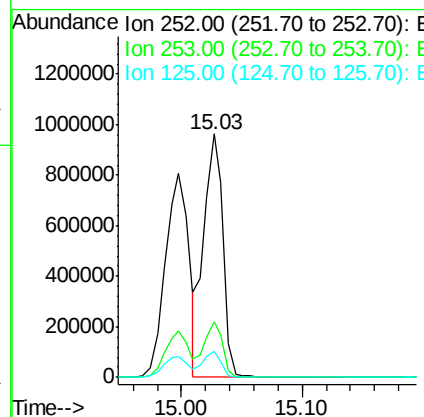
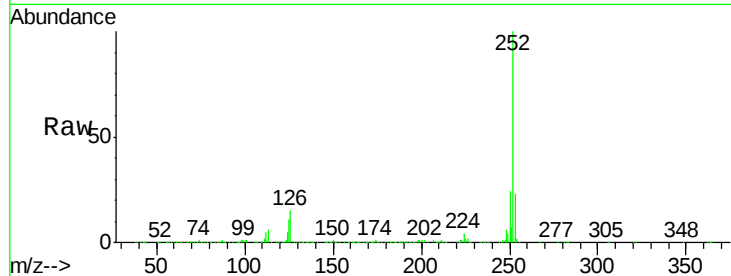
#89
Benzo(k)fluoranthene
Concen: 50.341 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:252 Resp: 1060012
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.5 8.0 12.0

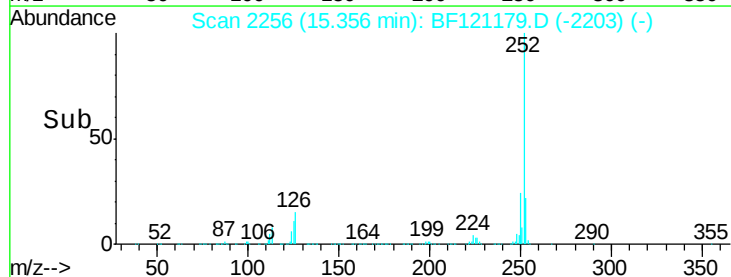
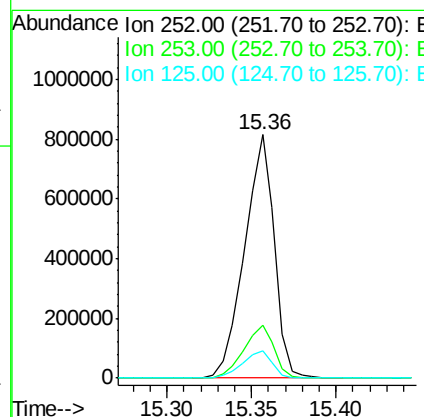
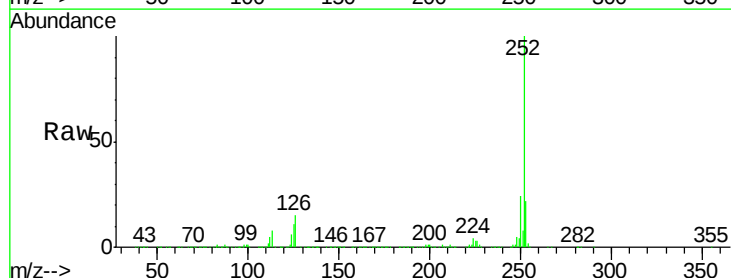
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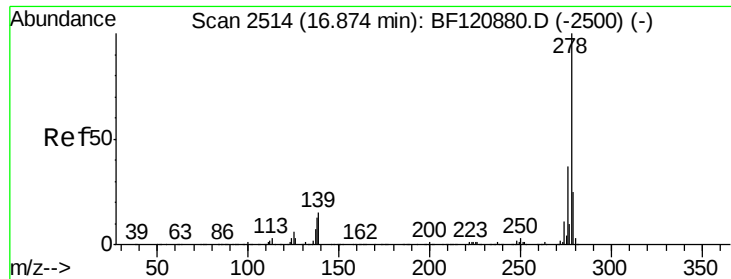
mohammad
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#90
Benzo(a)pyrene
Concen: 47.280 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:252 Resp: 995944
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.2 9.5 14.3





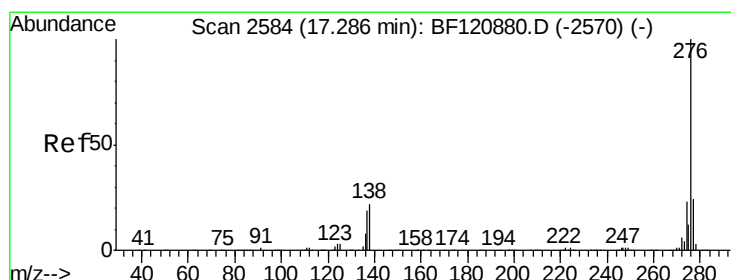
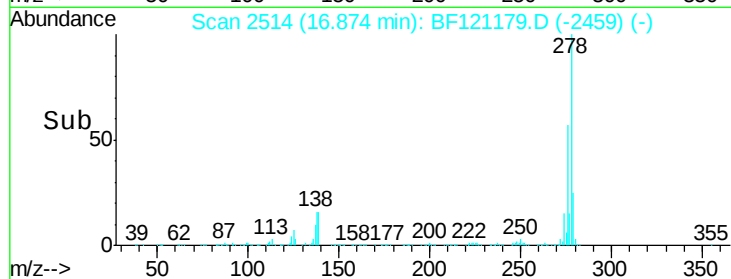
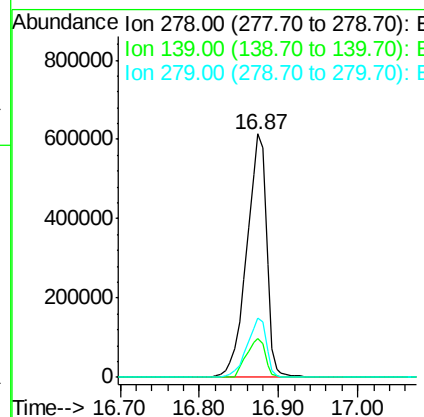
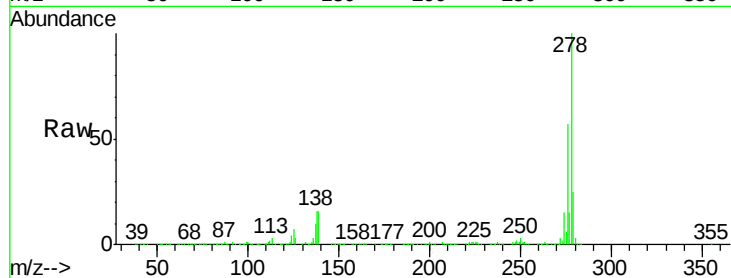
#91
Dibenzo(a,h)anthracene
Concen: 49.194 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Tgt Ion:278 Resp: 1067469
Ion Ratio Lower Upper
278 100
139 15.9 12.6 18.8
279 24.6 19.5 29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 53.689 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121179.D
Acq: 3 Aug 2020 16:46

Tgt Ion:276 Resp: 1148692
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.0
138 21.8 17.2 25.8

