

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121071.D
 Acq On : 28 Jul 2020 16:00
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/29/2020 11:47:20 AM

Quant Time: Jul 28 16:42:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180091	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	658961	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	349409	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	668023	20.00	ng	0.00
76) Chrysene-d12	13.97	240	536381	20.00	ng	0.00
86) Perylene-d12	15.42	264	562537	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	797570	72.60	ng	0.00
7) Phenol-d6	6.45	99	1029580	72.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	888494	78.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	304704	79.67	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1557391	66.55	ng	0.00
79) Terphenyl-d14	12.92	244	1754057	71.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	189265	37.435	ng	99
3) Pyridine	3.27	79	509930	37.914	ng	99
4) n-Nitrosodimethylamine	3.23	42	200662	34.891	ng	95
6) Aniline	6.48	93	673235	36.345	ng	99
8) 2-Chlorophenol	6.60	128	456111	37.689	ng	96
9) Benzaldehyde	6.36	77	284069	41.818	ng	100
10) Phenol	6.46	94	566869	36.315	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	451992	37.782	ng	99
12) 1,3-Dichlorobenzene	6.76	146	486632	37.083	ng	98
13) 1,4-Dichlorobenzene	6.83	146	488523	37.438	ng	99
14) 1,2-Dichlorobenzene	6.99	146	456558	36.984	ng	98
15) Benzyl Alcohol	6.96	79	361243	35.997	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	642078	37.236	ng	98
17) 2-Methylphenol	7.07	107	402789	37.552	ng	100
18) Hexachloroethane	7.33	117	181141	38.354	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	290944	36.056	ng	98
20) 3+4-Methylphenols	7.23	107	440401	32.276	ng	91
22) Acetophenone	7.23	105	549671	37.167	ng	# 92
24) Nitrobenzene	7.40	77	476614	38.830	ng	98
25) Isophorone	7.64	82	871938	38.363	ng	99
26) 2-Nitrophenol	7.72	139	249641	42.824	ng	99
27) 2,4-Dimethylphenol	7.76	122	359506	37.984	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	546033	39.357	ng	99
29) 2,4-Dichlorophenol	7.96	162	385417	39.850	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	417344	38.894	ng	98
31) Naphthalene	8.12	128	1280596	37.886	ng	100
32) Benzoic acid	7.89	122	315047	44.342	ng	99
33) 4-Chloroaniline	8.17	127	580056	38.469	ng	99
34) Hexachlorobutadiene	8.24	225	251444	39.750	ng	97
35) Caprolactam	8.55	113	126820m	40.889	ng	
36) 4-Chloro-3-methylphenol	8.65	107	396356	39.959	ng	100
37) 2-Methylnaphthalene	8.81	142	860647	39.214	ng	99
38) 1-Methylnaphthalene	8.91	142	801350	38.551	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	399570	39.249	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121071.D
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 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	206183	36.645	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	281711	39.302	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	313892	38.606	ng	98
46) 1,1'-Biphenyl	9.27	154	1019940	38.267	ng	100
47) 2-Chloronaphthalene	9.30	162	820457	37.756	ng	99
48) 2-Nitroaniline	9.40	65	265290	40.397	ng	93
49) Acenaphthylene	9.72	152	1286588	38.112	ng	100
50) Dimethylphthalate	9.58	163	985419	39.092	ng	99
51) 2,6-Dinitrotoluene	9.64	165	222728	41.127	ng	93
52) Acenaphthene	9.89	154	829555m	38.651	ng	
53) 3-Nitroaniline	9.81	138	266405	39.222	ng	99
54) 2,4-Dinitrophenol	9.92	184	116131	40.906	ng	# 83
55) Dibenzofuran	10.06	168	1167035	37.601	ng	100
56) 4-Nitrophenol	9.97	139	188009	36.439	ng	99
57) 2,4-Dinitrotoluene	10.04	165	298943	42.034	ng	91
58) Fluorene	10.40	166	831194	35.908	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248541	40.148	ng	96
60) Diethylphthalate	10.27	149	982819	38.547	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	426232	34.522	ng	99
62) 4-Nitroaniline	10.42	138	268930	40.647	ng	99
63) Azobenzene	10.55	77	913691	37.642	ng	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	154666	40.644	ng	98
66) n-Nitrosodiphenylamine	10.52	169	815056	38.785	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	299781	40.250	ng	98
68) Hexachlorobenzene	10.95	284	320307	39.757	ng	# 88
69) Atrazine	11.04	200	167230	32.132	ng	99
70) Pentachlorophenol	11.14	266	188259	40.788	ng	98
71) Phenanthrene	11.36	178	1294555	37.680	ng	100
72) Anthracene	11.42	178	1307660	37.904	ng	99
73) Carbazole	11.57	167	1317366	38.478	ng	99
74) Di-n-butylphthalate	11.90	149	1566299	39.644	ng	100
75) Fluoranthene	12.55	202	1440045	37.815	ng	98
77) Benzidine	12.67	184	544006	38.575	ng	99
78) Pyrene	12.78	202	1483630	39.123	ng	100
80) Butylbenzylphthalate	13.40	149	688315	40.716	ng	95
81) Benzo(a)anthracene	13.96	228	1220564	37.578	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	504897	41.203	ng	99
83) Chrysene	14.00	228	1315910	38.552	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	849591	40.755	ng	100
85) Di-n-octyl phthalate	14.57	149	1593314	38.418	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1391393	35.565	ng	99
88) Benzo(b)fluoranthene	15.00	252	1315254	38.680	ng	100
89) Benzo(k)fluoranthene	15.03	252	1319472	42.549	ng	99
90) Benzo(a)pyrene	15.36	252	1238232	39.913	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1152132	36.052	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1075206	34.123	ng	99

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

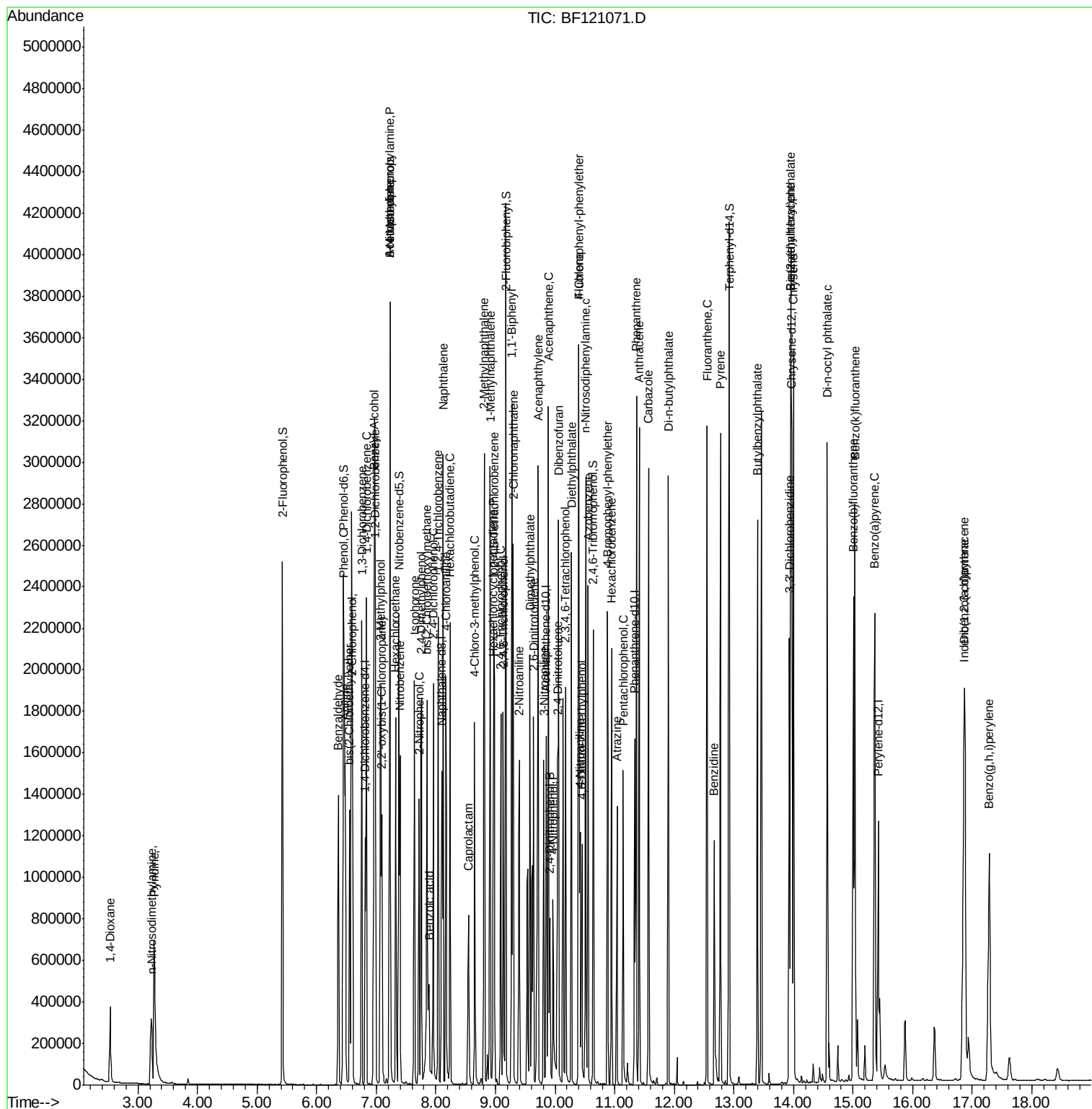
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121071.D
Acq On : 28 Jul 2020 16:00
Operator : JU/CG
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Misc :
ALS Vial : 2 Sample Multiplier: 1

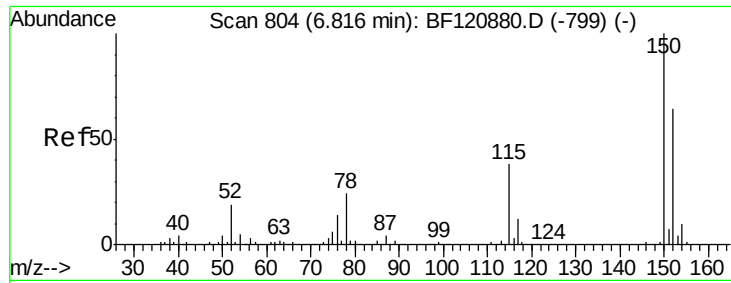
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

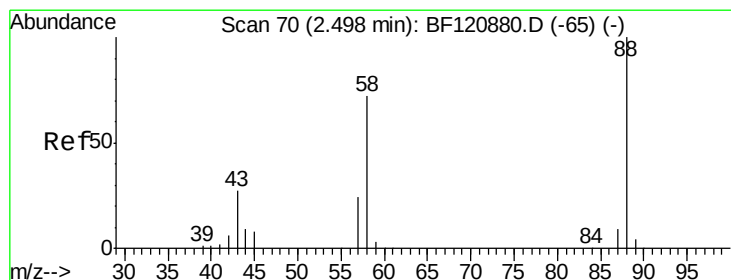
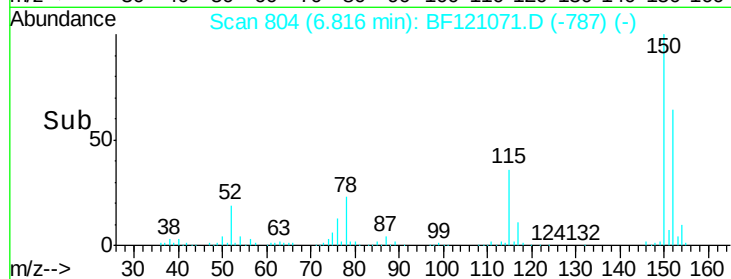
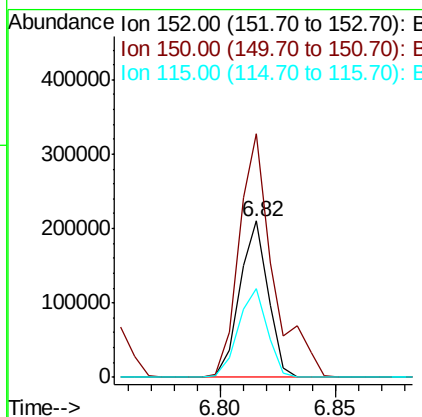
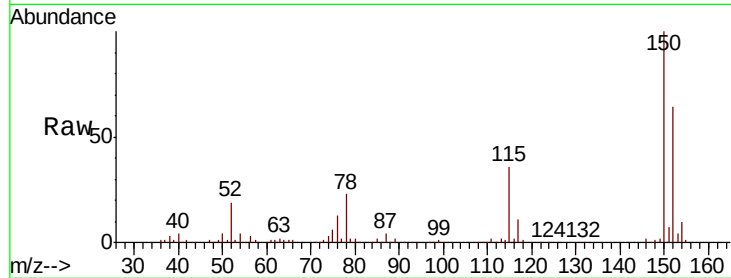
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.0	187.6
115	56.6	47.0	70.4

Manual Integrations
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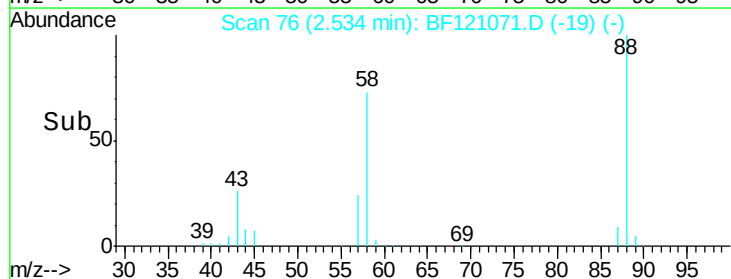
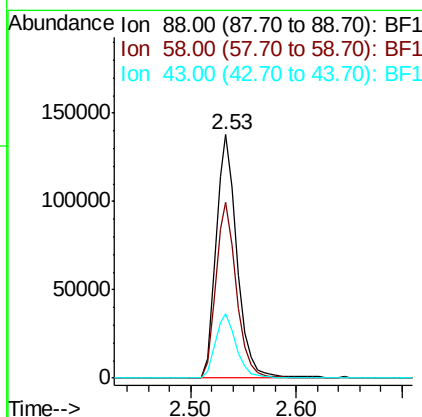
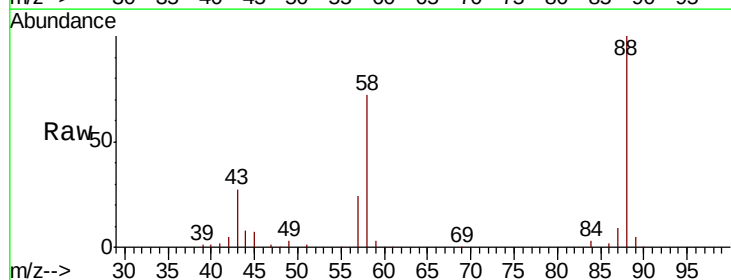
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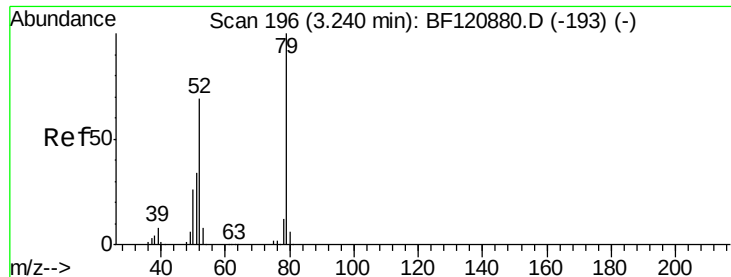


#2

1,4-Dioxane
Concen: 37.435 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.04 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.2	87.2
43	27.0	22.1	33.1





#3

Pvridine

Concen: 37.914 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

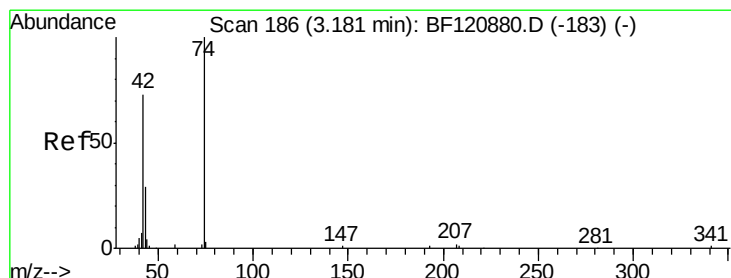
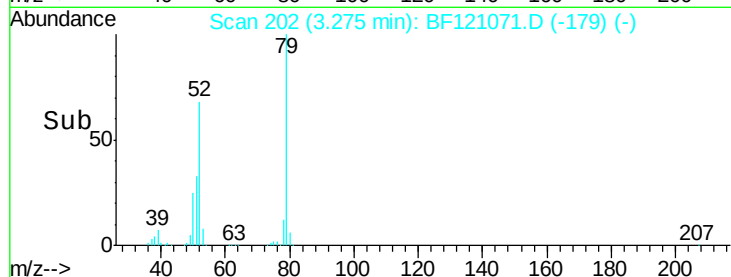
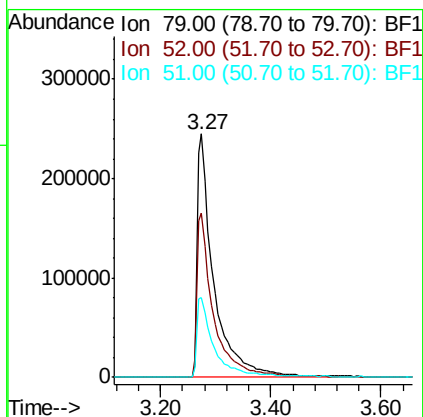
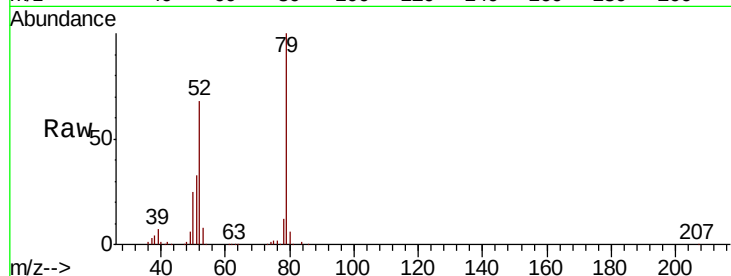
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	509930
Ion	Ratio	Lower	Upper
79	100		
52	67.7	55.0	82.6
51	33.0	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 34.891 ng

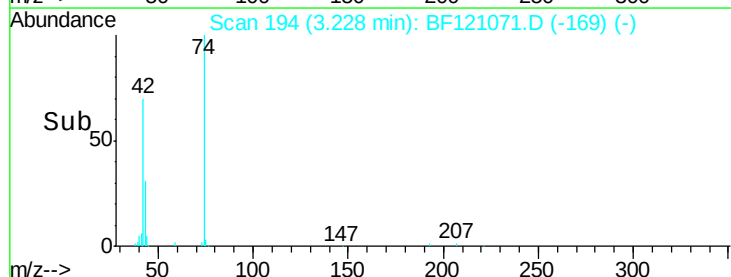
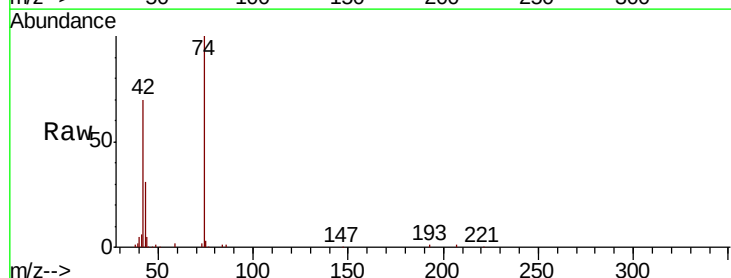
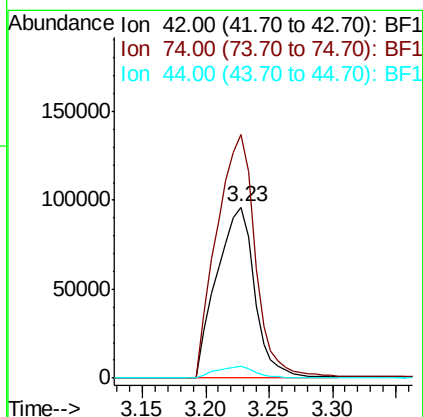
RT: 3.23 min Scan# 194

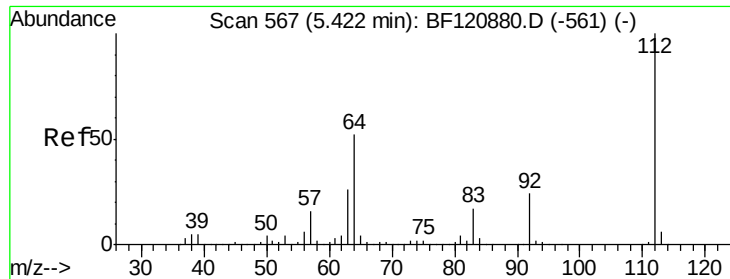
Delta R.T. 0.05 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Tgt Ion:	42	Resp:	200662
Ion	Ratio	Lower	Upper
42	100		
74	142.3	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 72.602 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

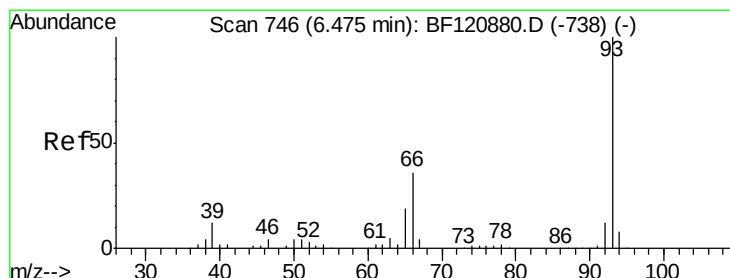
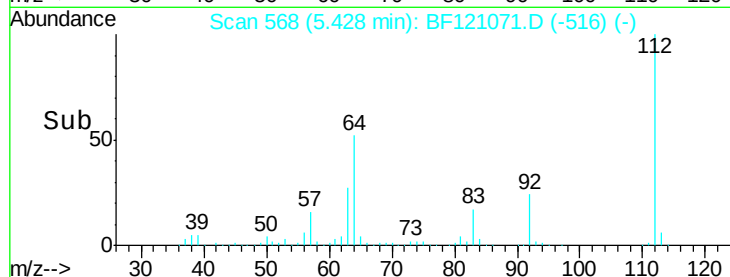
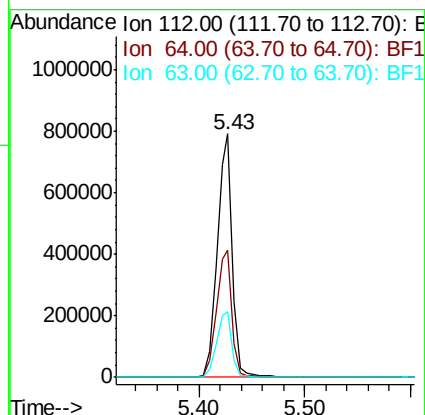
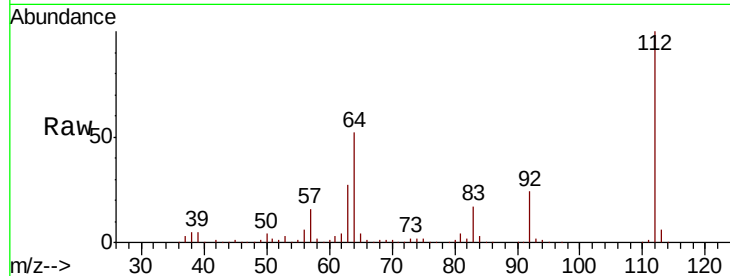
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	797570
Ion Ratio	Lower	Upper	
112	100		
64	52.1	41.3	61.9
63	26.8	21.1	31.7

Manual Integrations
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7/29/2020 11:47:20 AM



#6

Aniline

Concen: 36.345 ng

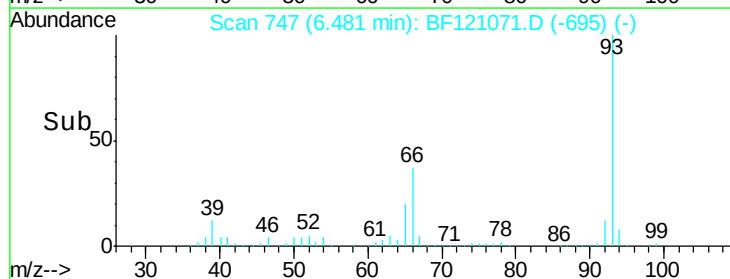
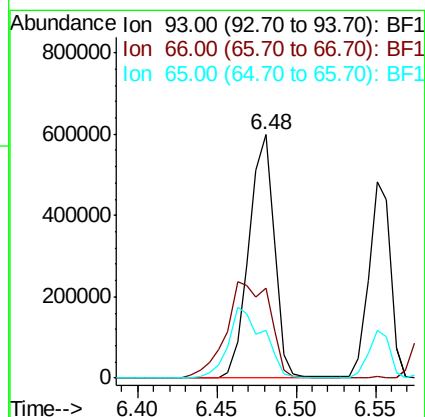
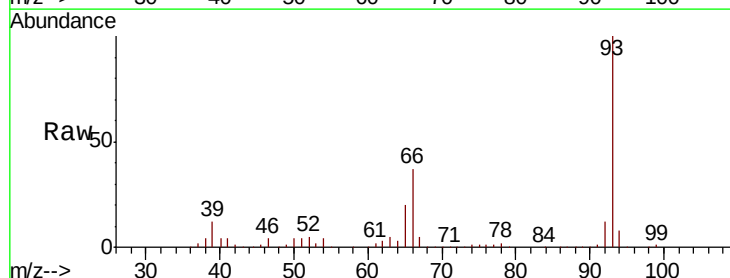
RT: 6.48 min Scan# 747

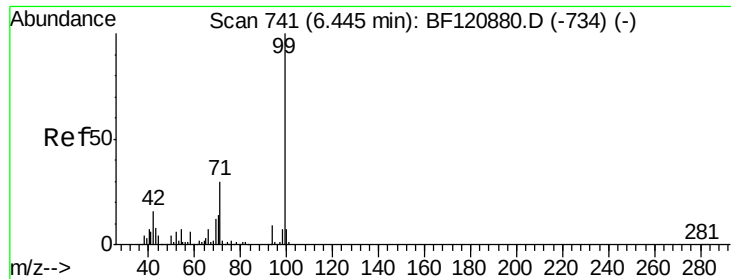
Delta R.T. 0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Tgt Ion:	93	Resp:	673235
Ion Ratio	Lower	Upper	
93	100		
66	37.2	30.2	45.4
65	19.5	15.8	23.6





#7

Phenol-d6

Concen: 72.555 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1029580

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

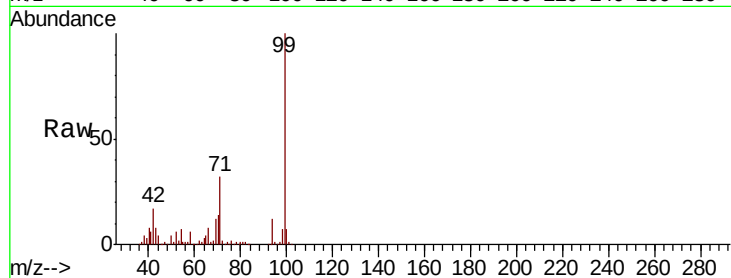
71 31.5 24.2 36.4

Manual Integrations

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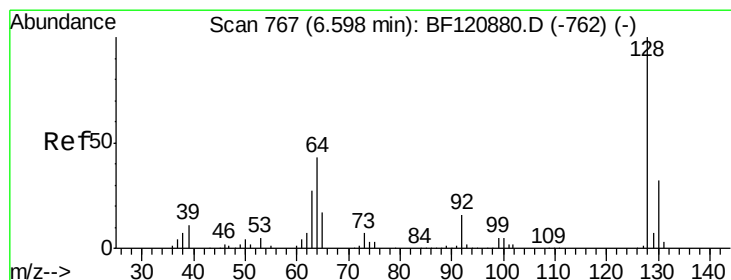
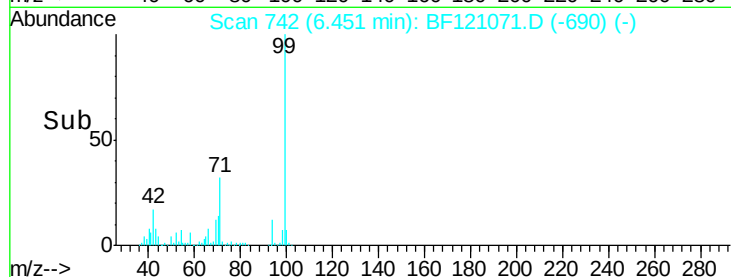
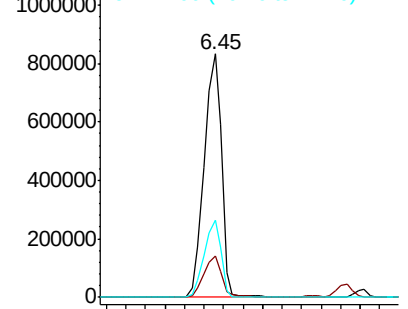
7/29/2020 11:47:20 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.689 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

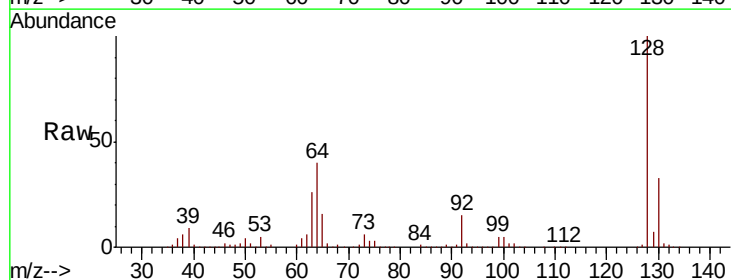
Tgt Ion: 128 Resp: 456111

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

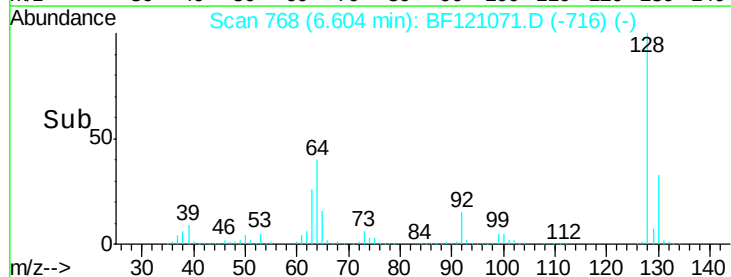
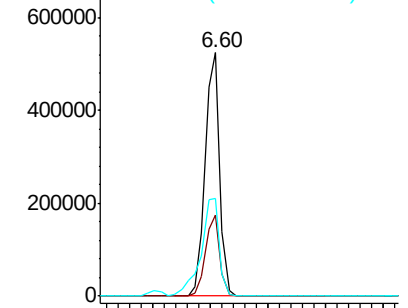
64 40.3 24.0 64.0

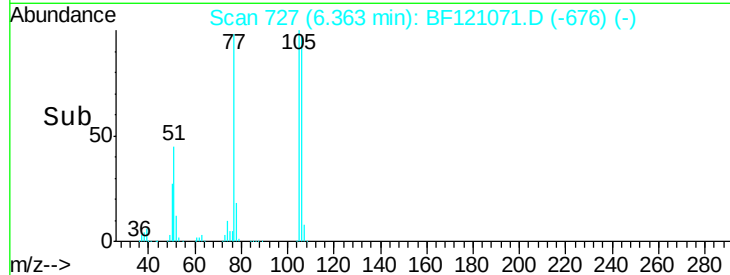
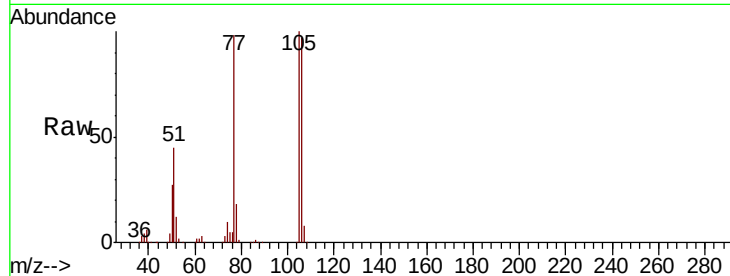
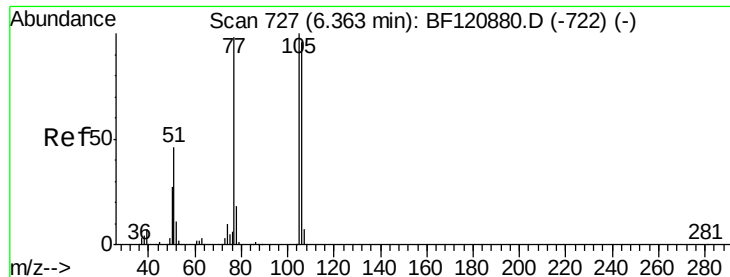


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





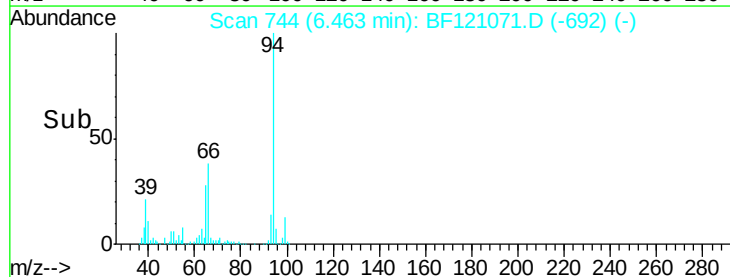
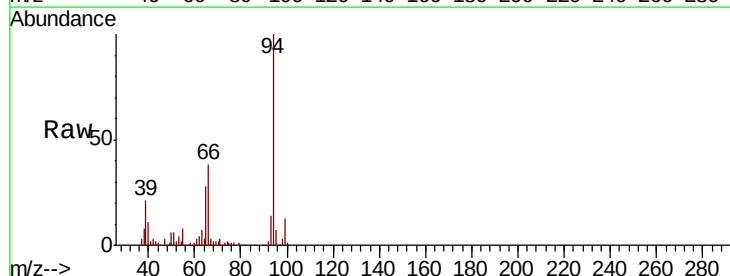
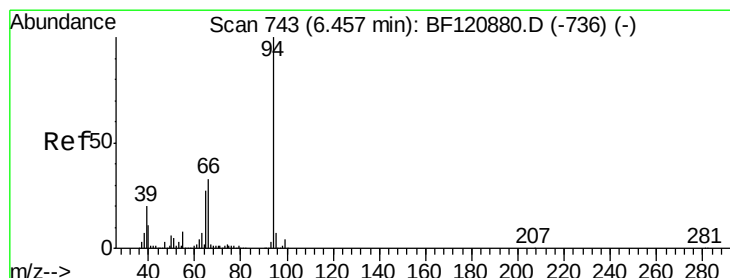
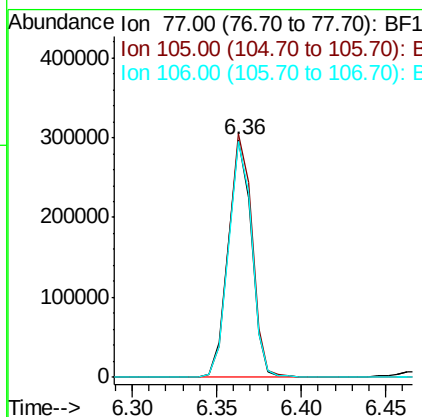
#9
Benzaldehyde
Concen: 41.818 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	82.5	122.5
106	99.4	78.7	118.7

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

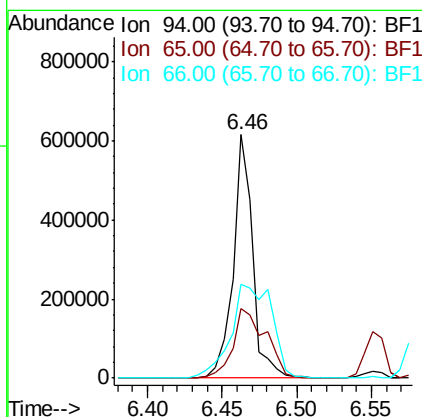
Manual Integrations
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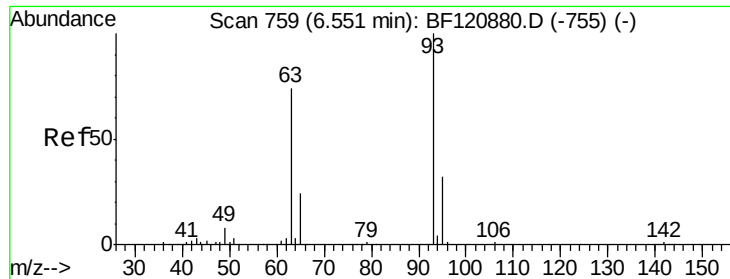
mohammad
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#10
Phenol
Concen: 36.315 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.6	46.6
66	38.4	13.2	53.2





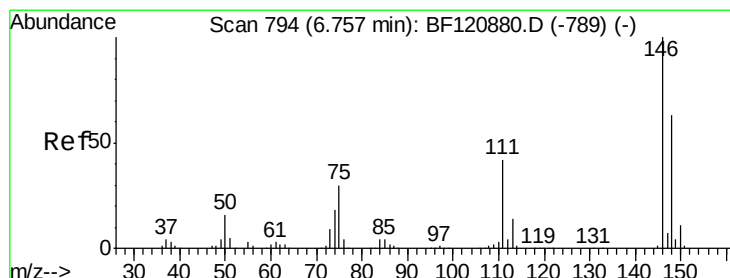
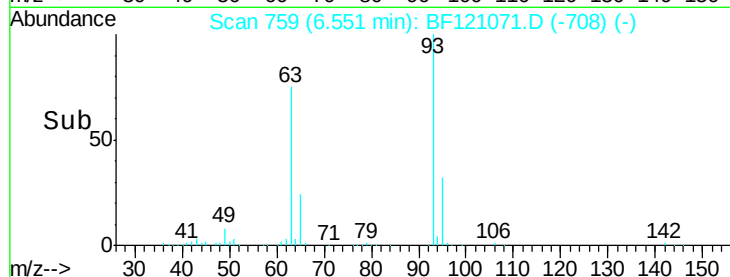
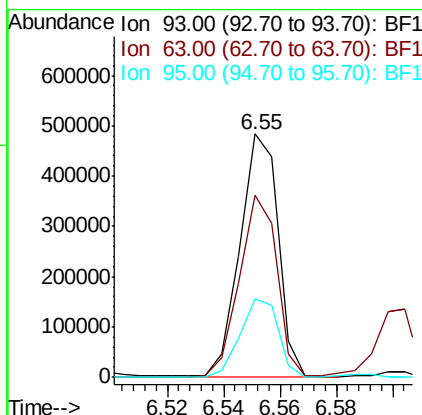
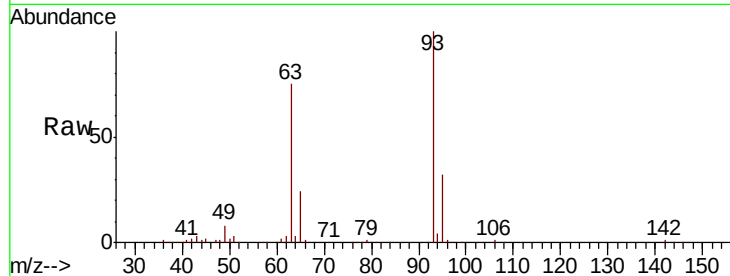
#11
bis(2-Chloroethyl)ether
Concen: 37.782 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	54.2	94.2
95	32.4	12.2	52.2

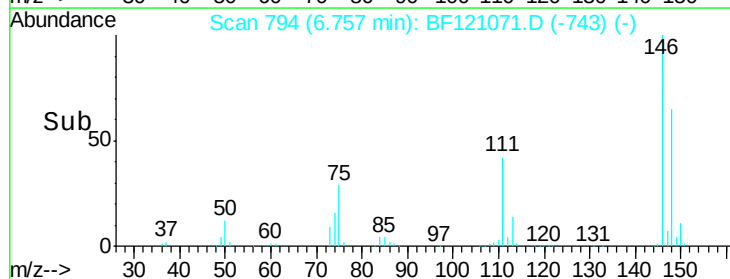
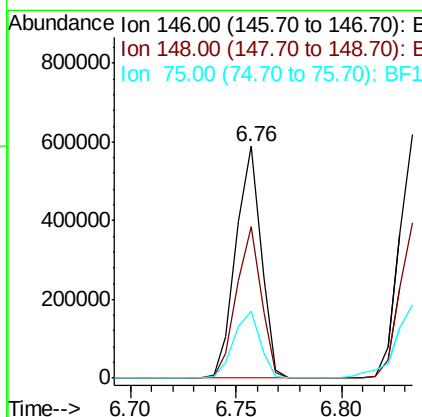
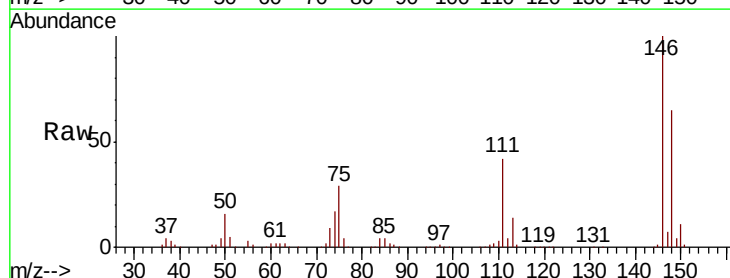
Manual Integrations
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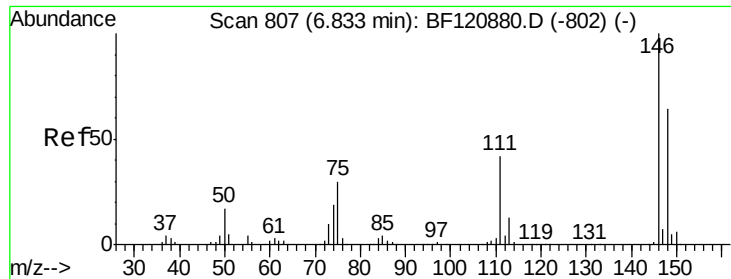
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.083 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
75	29.1	24.1	36.1





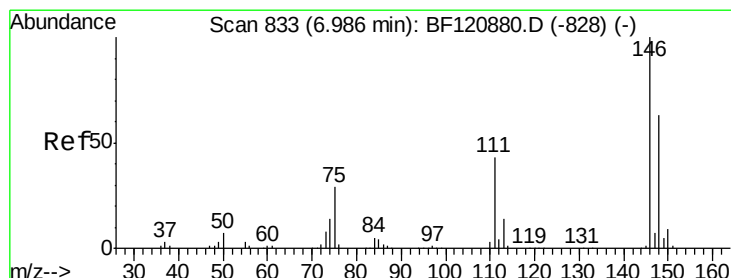
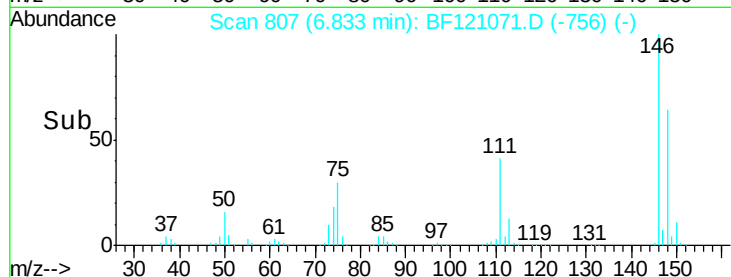
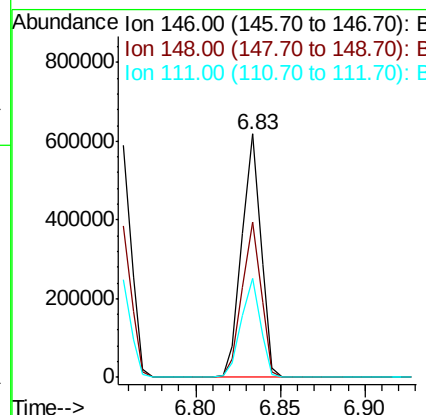
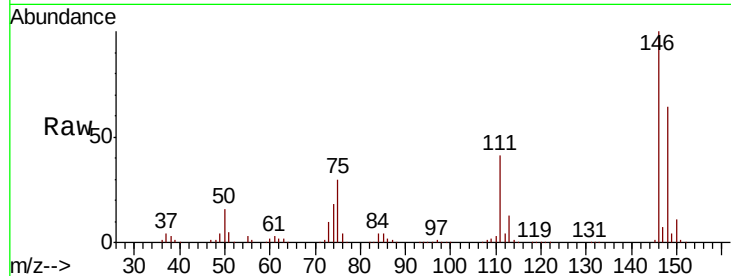
#13
1,4-Dichlorobenzene
Concen: 37.438 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	40.8	33.5	50.3

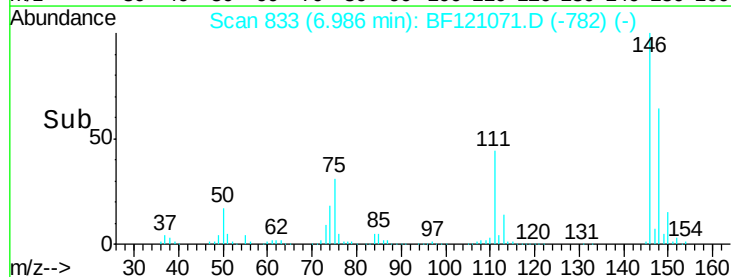
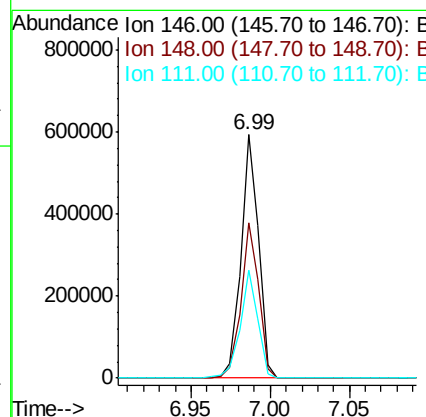
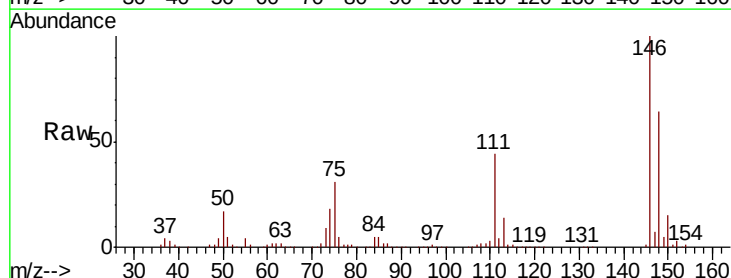
Manual Integrations
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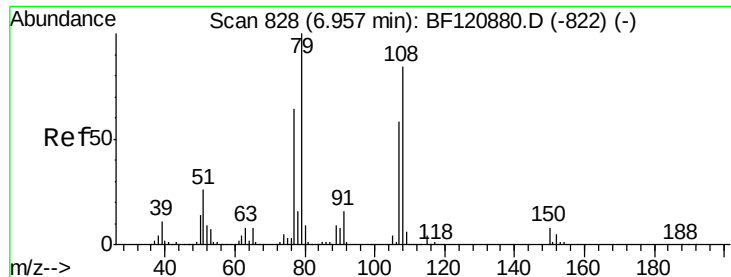
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#14
1,2-Dichlorobenzene
Concen: 36.984 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
111	44.3	34.2	51.2





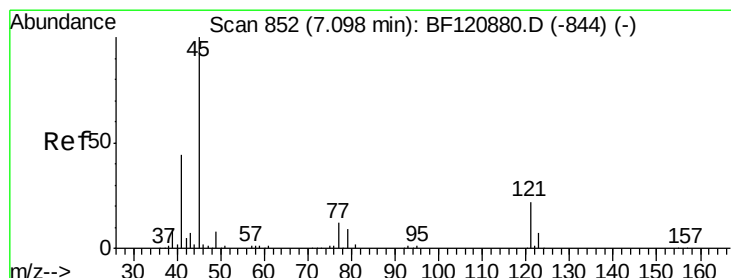
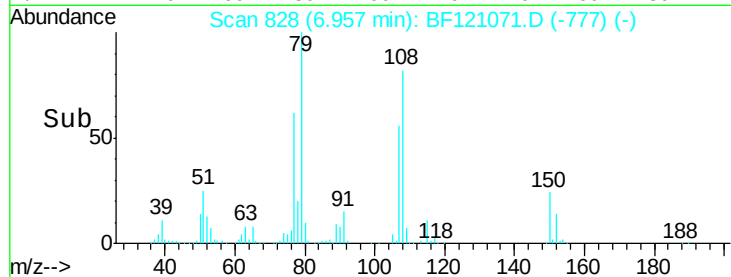
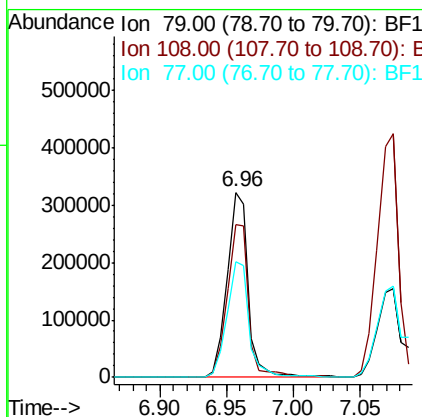
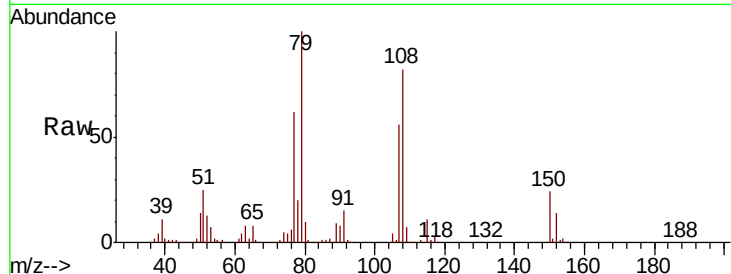
#15
Benzyl Alcohol
Concen: 35.997 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.1	67.0	100.6
77	62.3	51.0	76.4

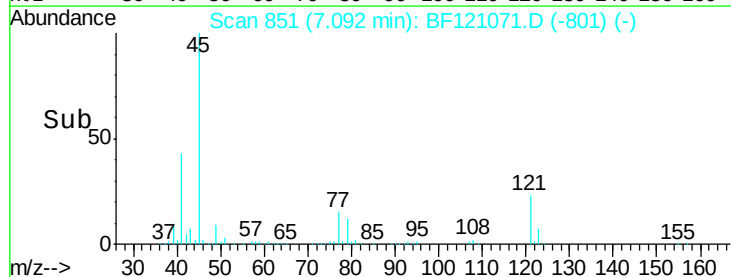
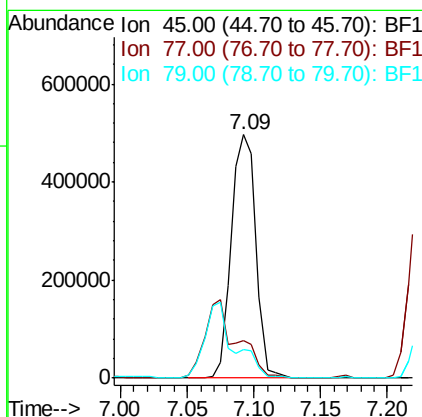
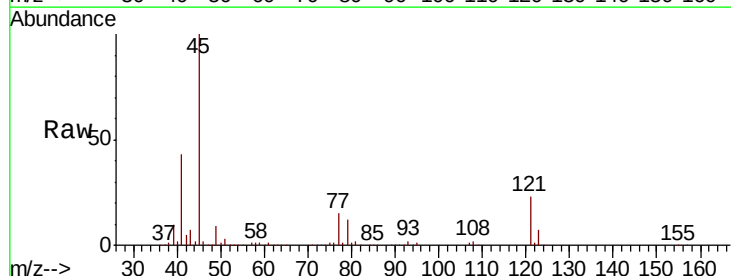
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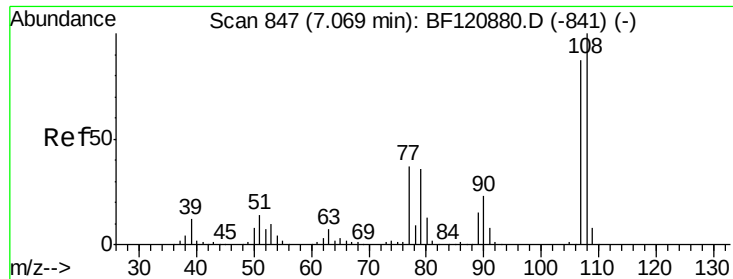
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.236 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.3
79	11.7	0.0	31.0





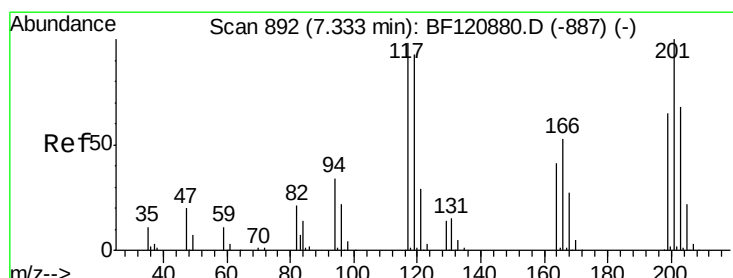
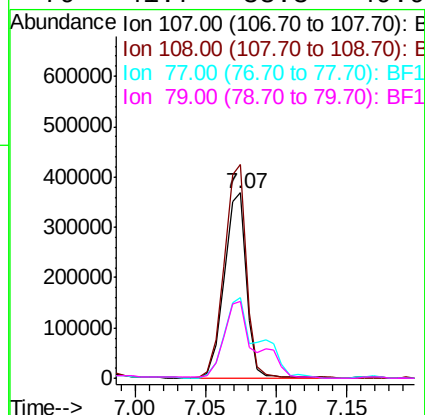
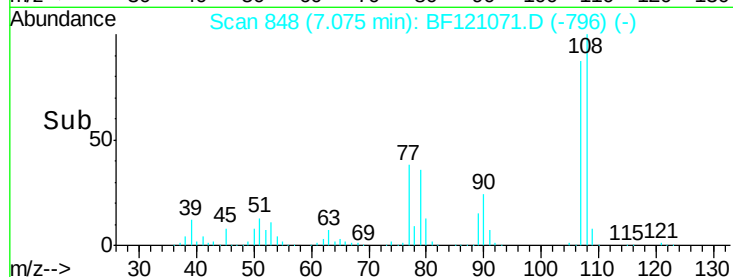
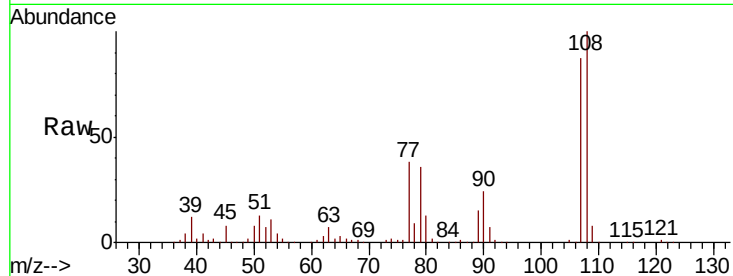
#17
2-Methylphenol
Concen: 37.552 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	92.0	138.0	
77	43.3	34.0	51.0	
79	41.7	33.3	49.9	

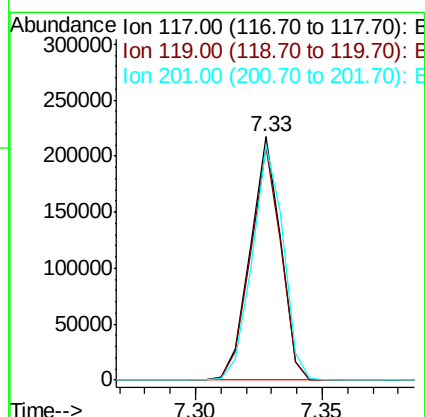
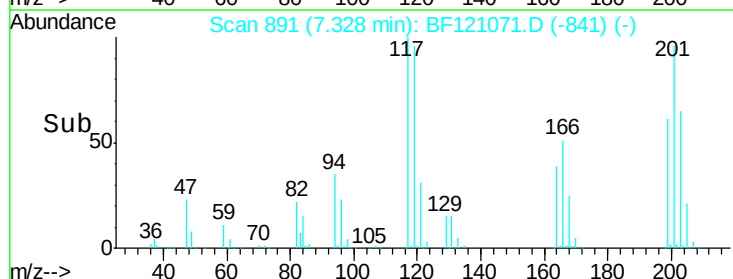
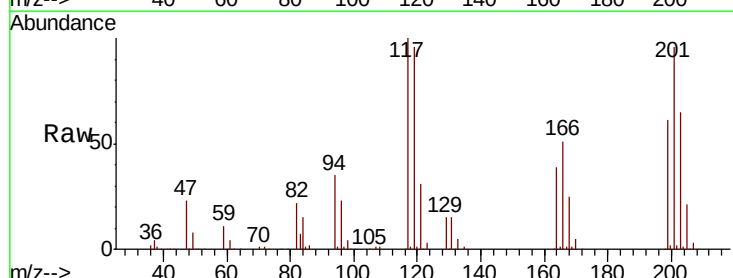
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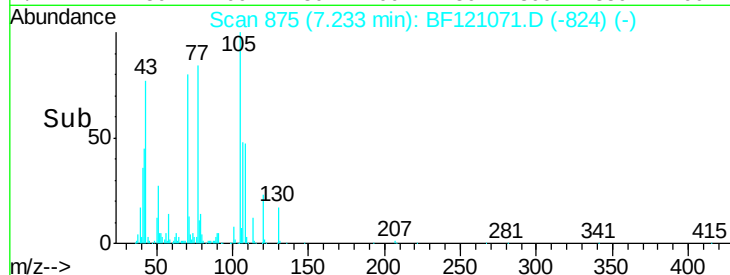
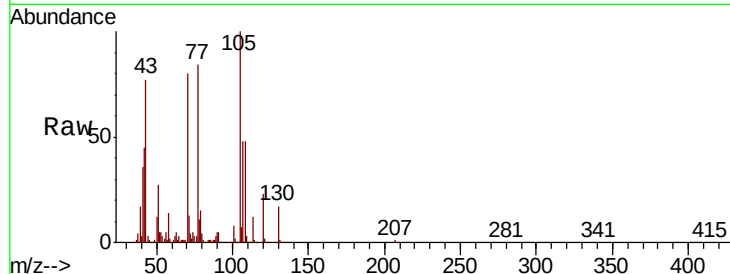
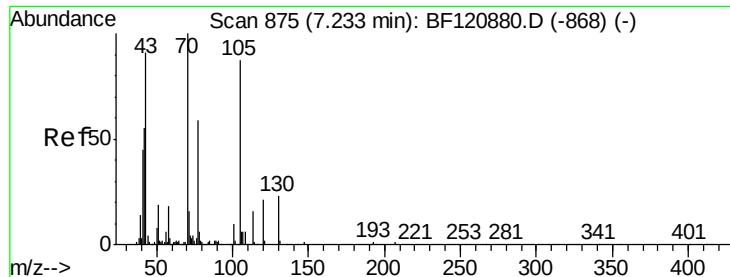
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#18
Hexachloroethane
Concen: 38.354 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.0	114.0	
201	96.4	81.7	122.5	





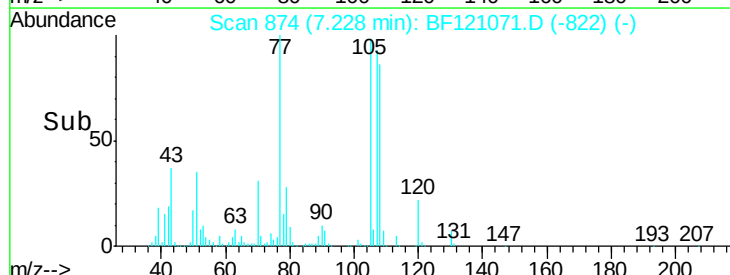
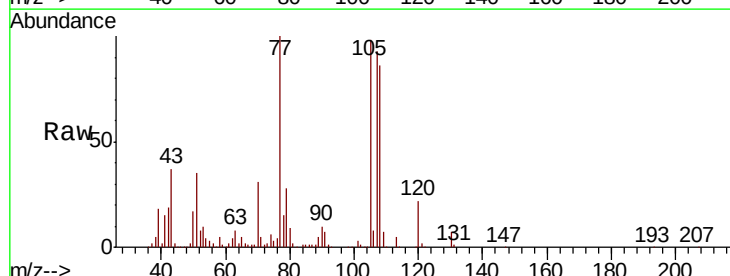
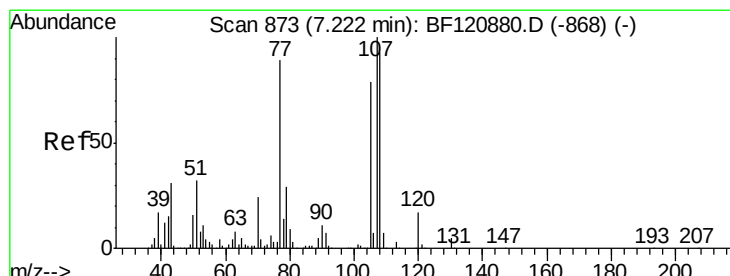
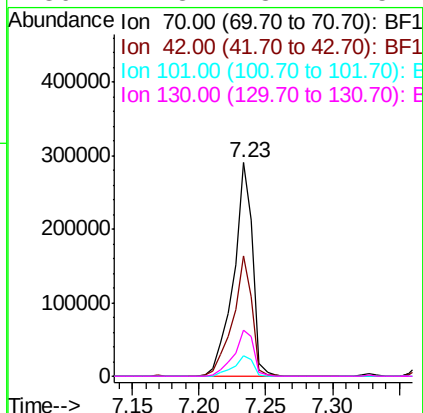
#19
n-Nitroso-di-n-propylamine
Concen: 36.056 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	44.0	66.0	
101	9.5	7.8	11.6	
130	21.3	18.7	28.1	

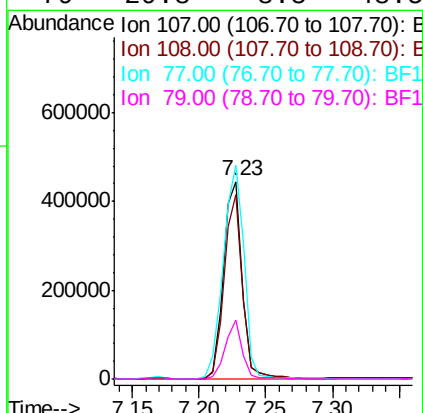
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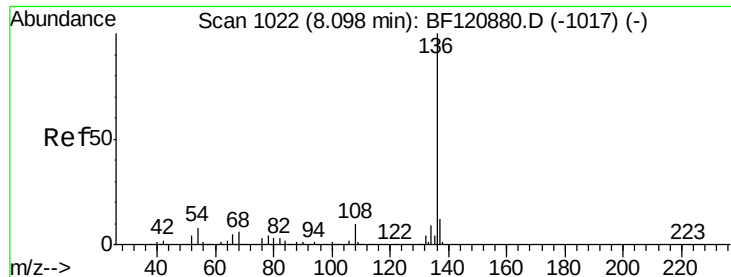
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#20
3+4-Methylphenols
Concen: 32.276 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	72.8	112.8	
77	108.0	68.7	108.7	
79	29.8	8.5	48.5	





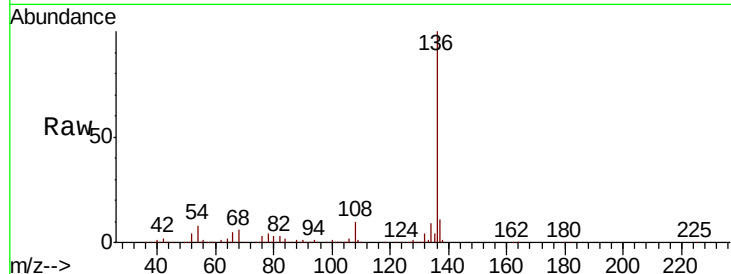
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	658961		
137	11.3	9.3	13.9	
54	7.6	6.3	9.5	
68	6.1	5.0	7.4	

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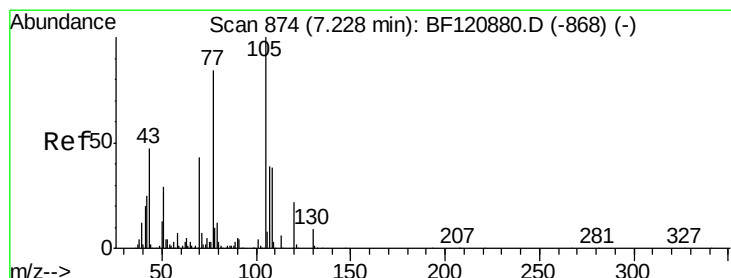
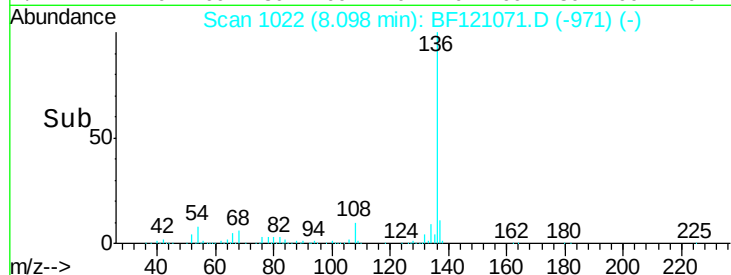
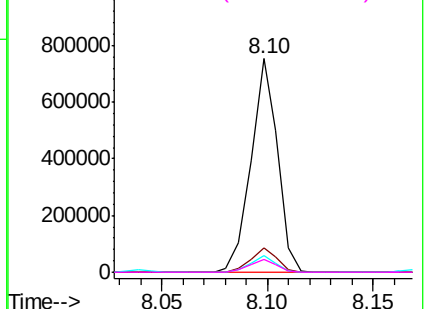
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.167 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	549671		
71	5.4	5.7	8.5#	
51	35.9	22.9	34.3#	
120	22.2	18.0	27.0	

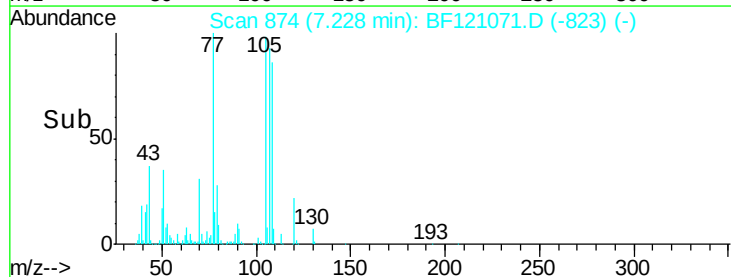
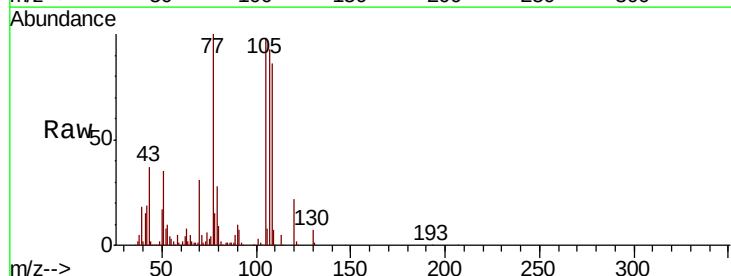
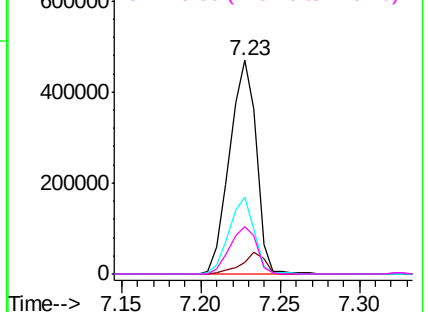
Abundance

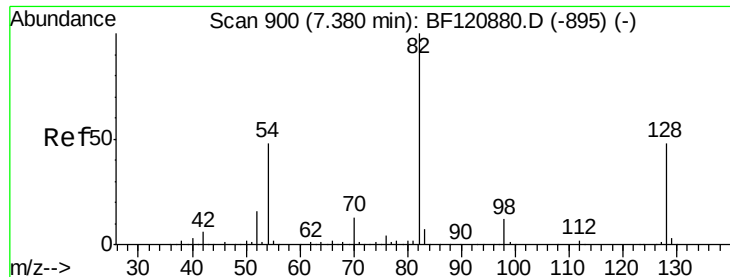
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





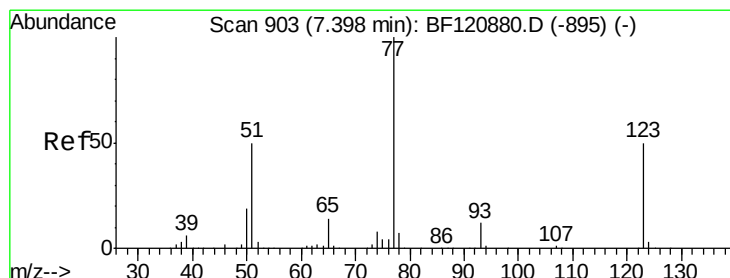
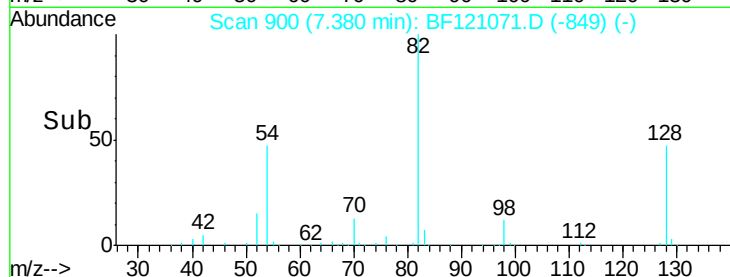
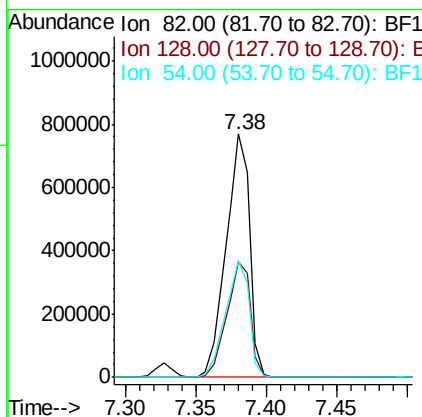
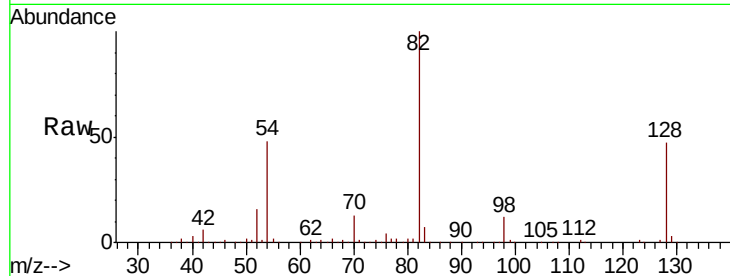
#23
Nitrobenzene-d5
Concen: 78.018 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.2	57.4
54	47.9	38.7	58.1

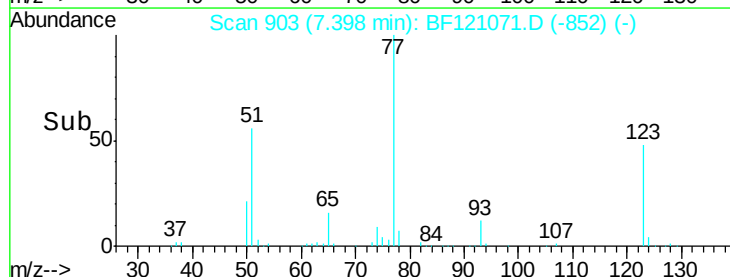
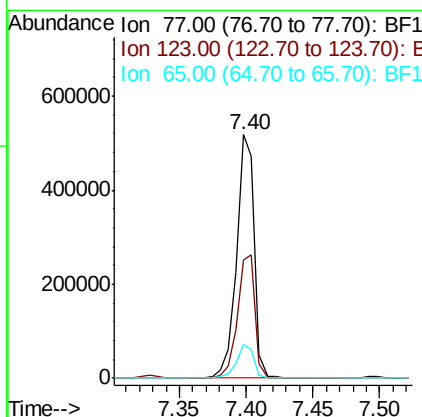
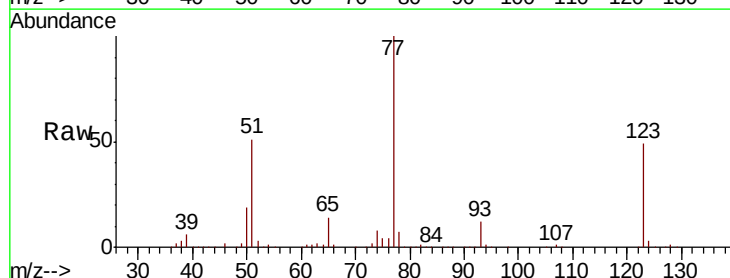
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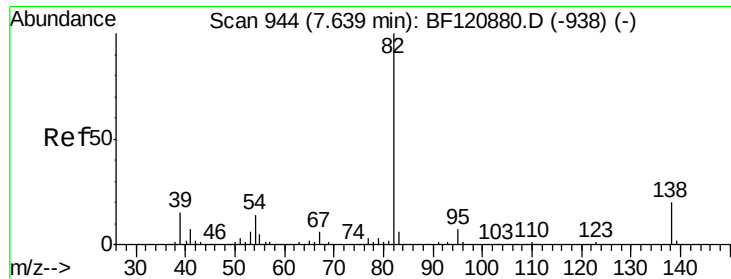
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#24
Nitrobenzene
Concen: 38.830 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	40.1	60.1
65	13.6	10.8	16.2





#25

Isophorone

Concen: 38.363 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

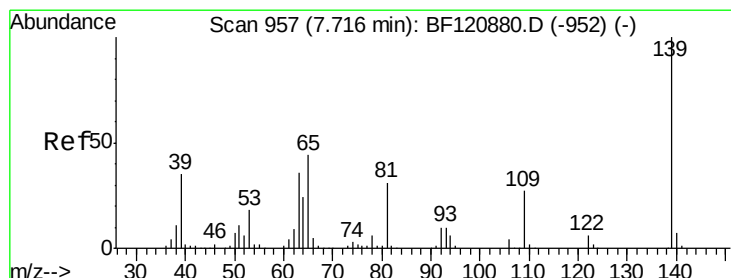
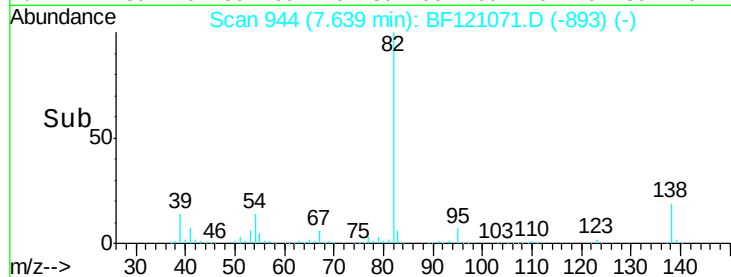
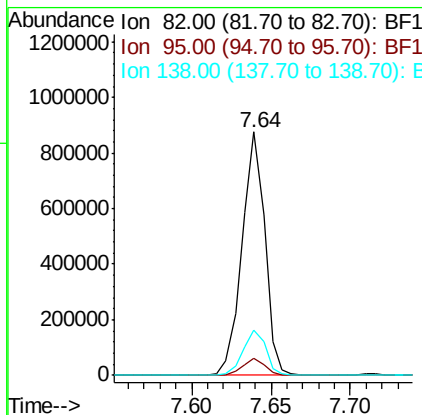
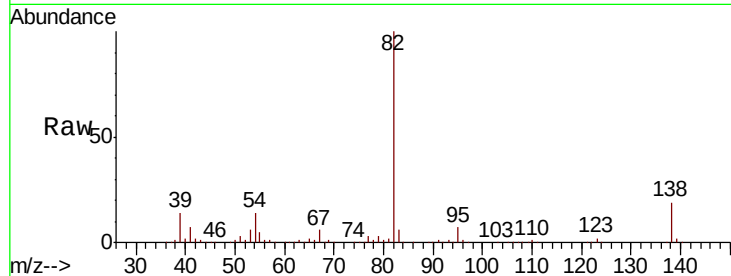
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	871938
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.5	8.3
138	18.6	15.6	23.4

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#26

2-Nitrophenol

Concen: 42.824 ng

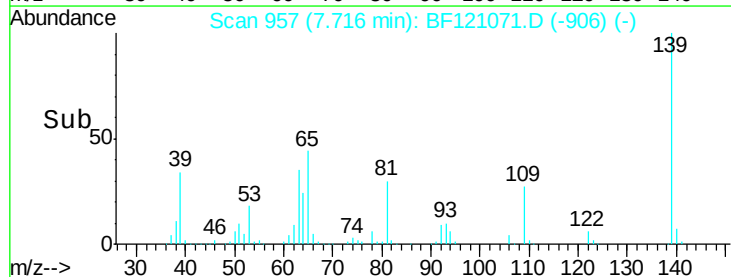
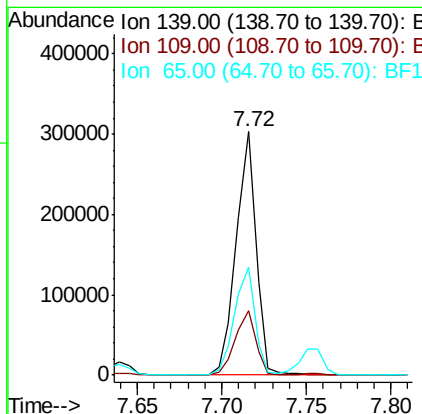
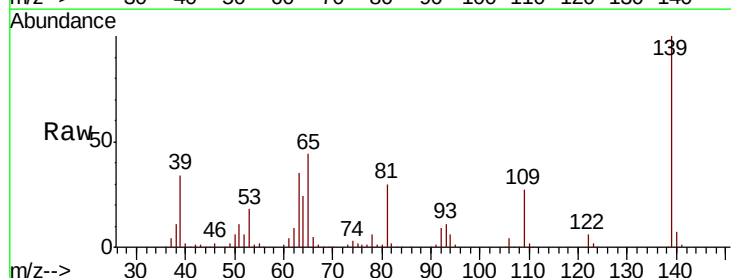
RT: 7.72 min Scan# 957

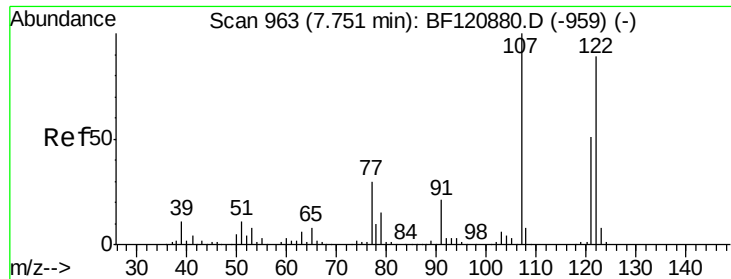
Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Tgt Ion:	139	Resp:	249641
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.6	32.4
65	44.4	35.3	52.9





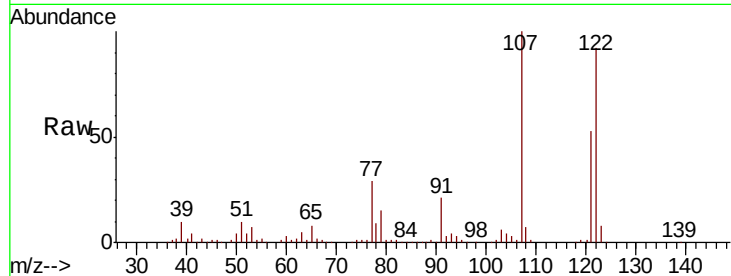
#27
 2,4-Dimethylphenol
 Concen: 37.984 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	89.4	134.0
121	57.8	46.0	69.0

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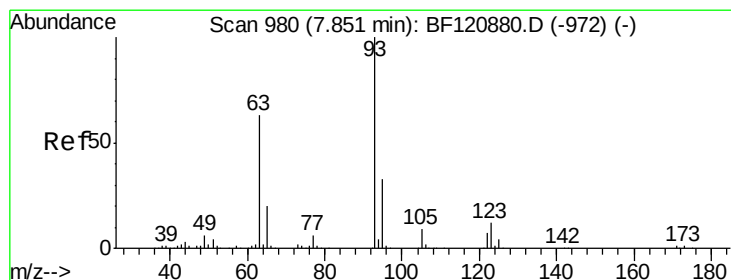
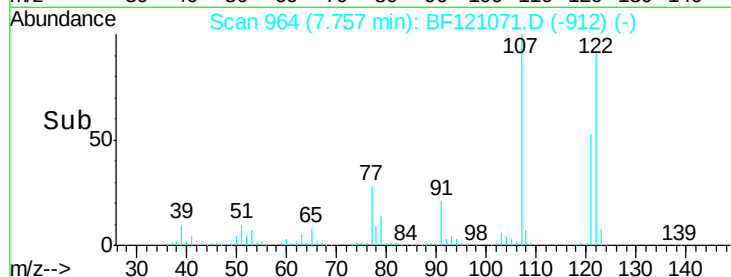
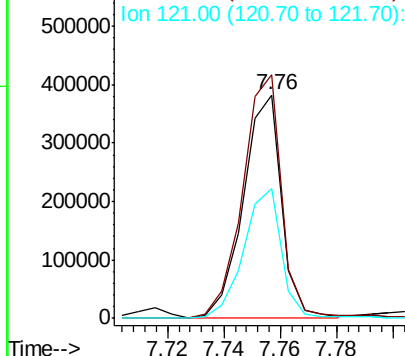


Abundance

Ion 122.00 (121.70 to 122.70): E

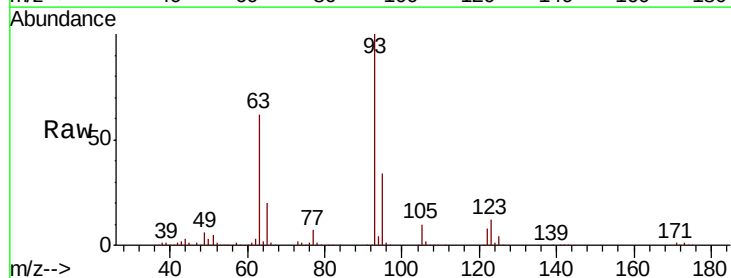
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.357 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	39.8
123	12.3	10.0	15.0

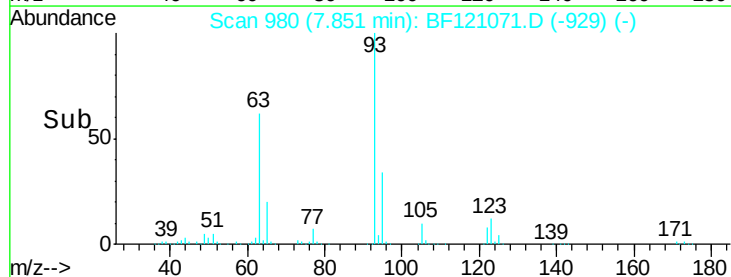
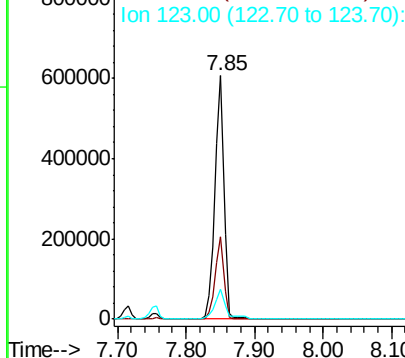


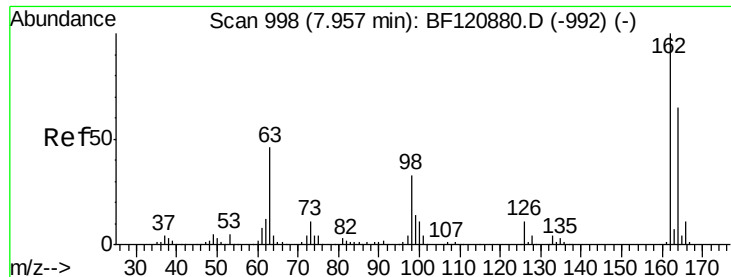
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





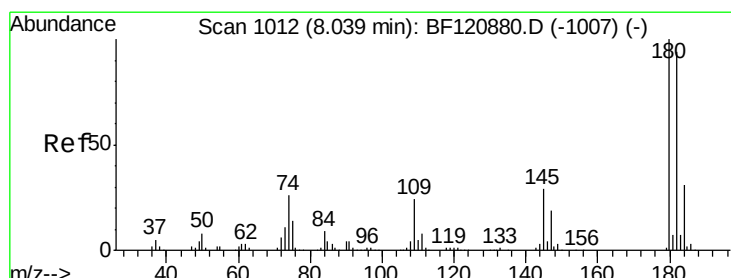
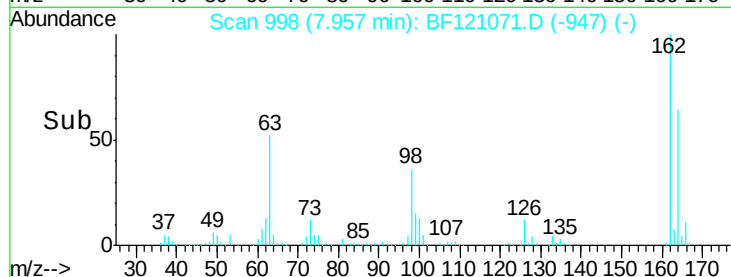
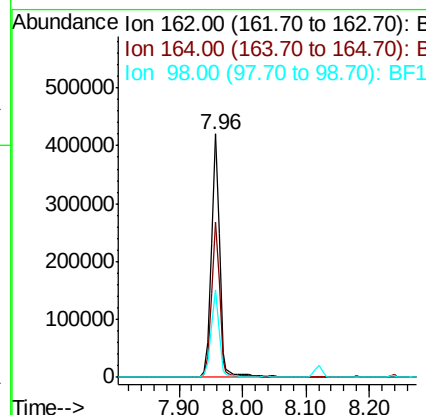
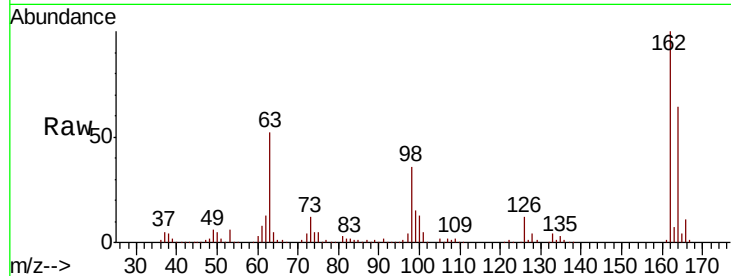
#29
2,4-Dichlorophenol
Concen: 39.850 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	385417		
164	64.0	45.3	85.3	
98	36.0	13.3	53.3	

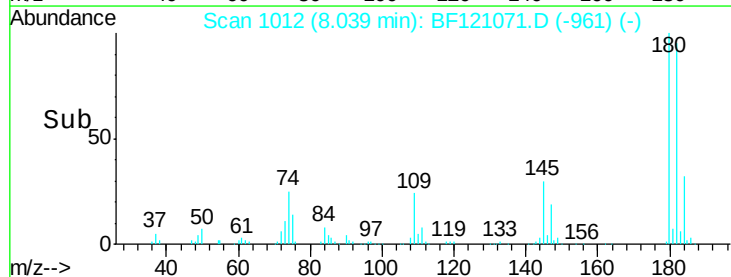
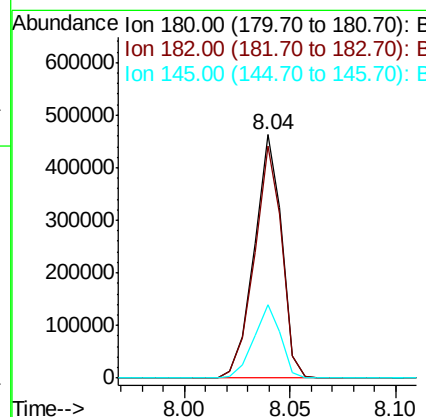
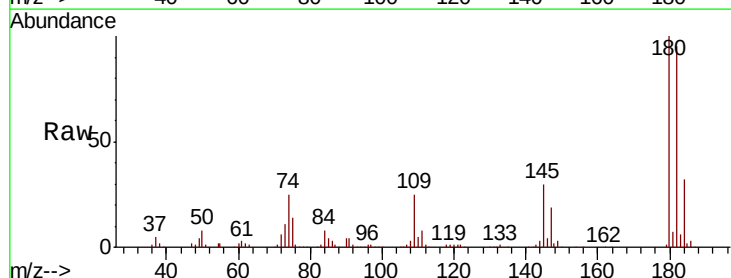
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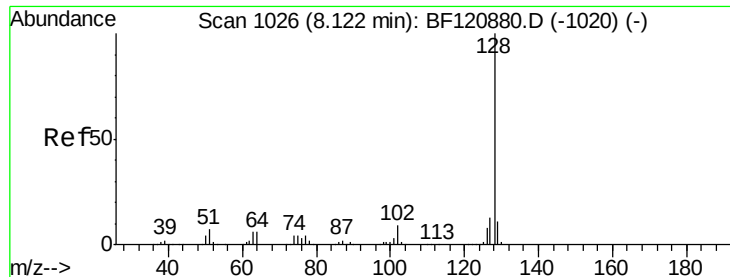
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.894 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	417344		
182	95.2	75.0	112.6	
145	30.2	23.5	35.3	





#31

Naphthalene

Concen: 37.886 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1280596

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

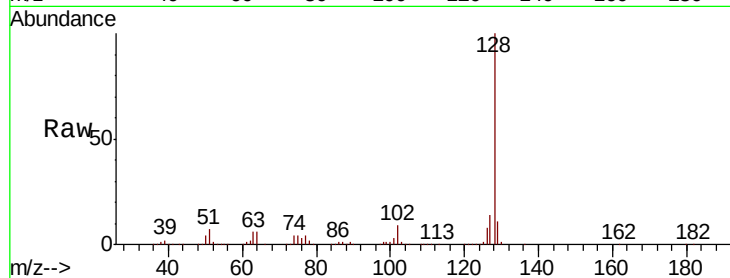
127 13.6 10.7 16.1

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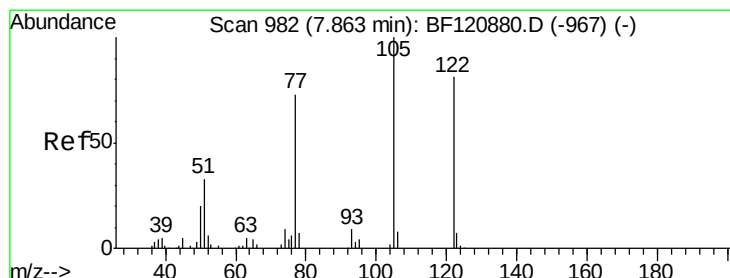
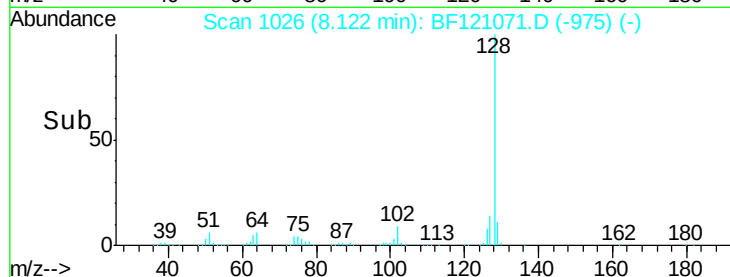
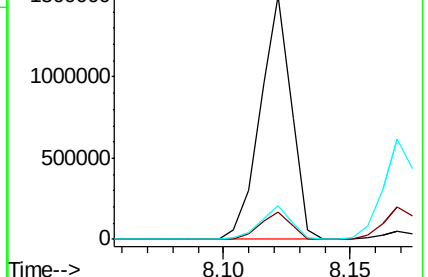
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.342 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

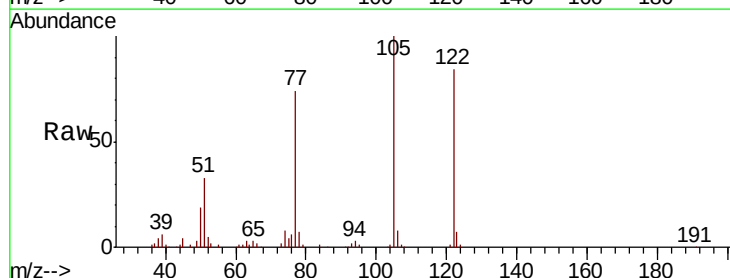
Tgt Ion:122 Resp: 315047

Ion Ratio Lower Upper

122 100

105 119.7 101.3 141.3

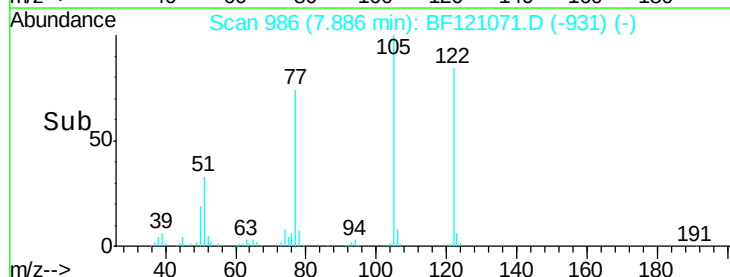
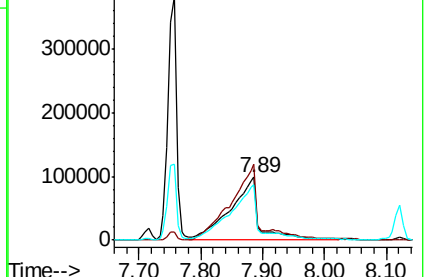
77 88.9 69.1 109.1

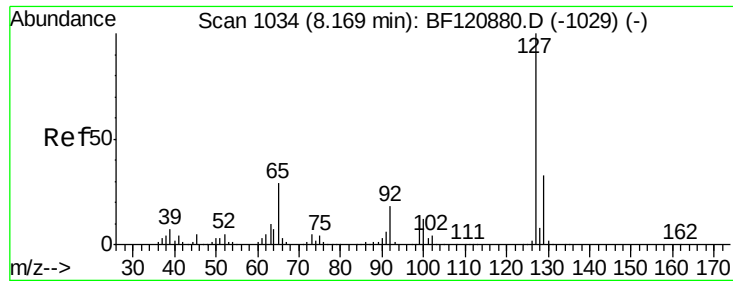


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





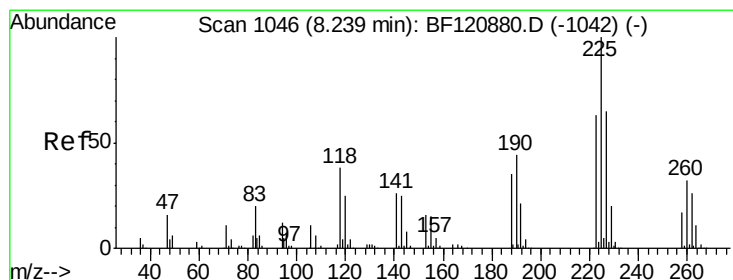
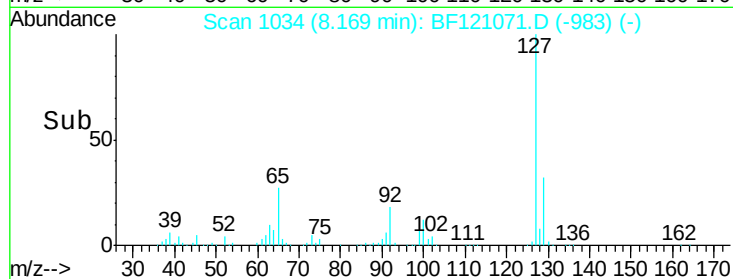
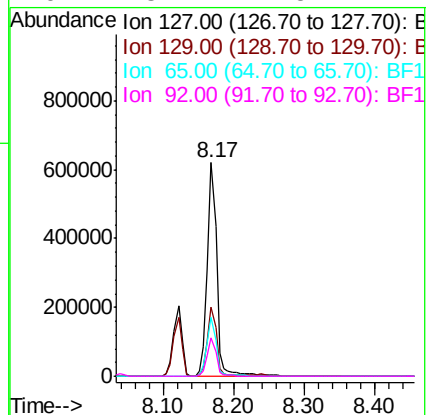
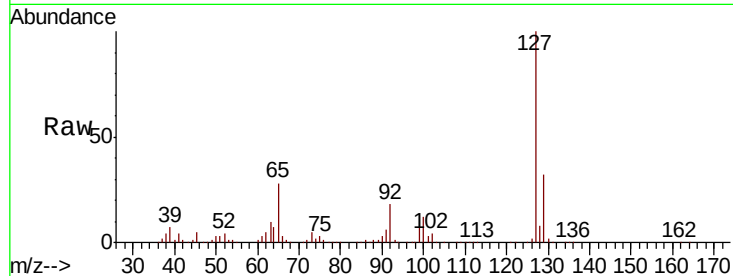
#33
4-Chloroaniline
Concen: 38.469 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	27.9	23.0	34.4
92	18.1	14.5	21.7

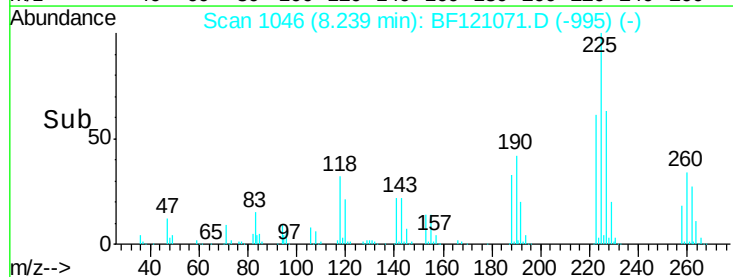
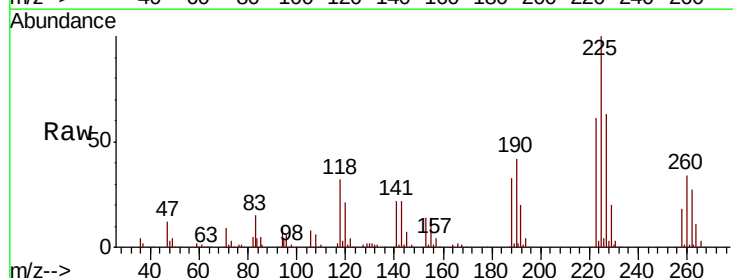
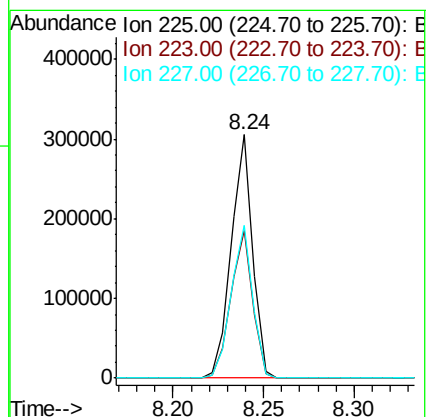
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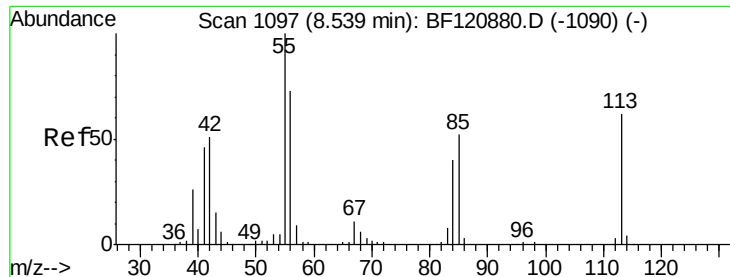
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#34
Hexachlorobutadiene
Concen: 39.750 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	62.6	52.2	78.2





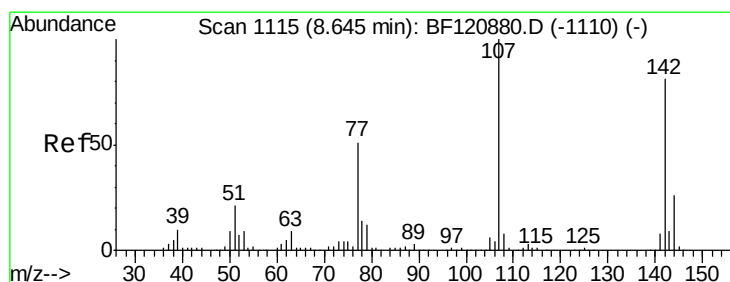
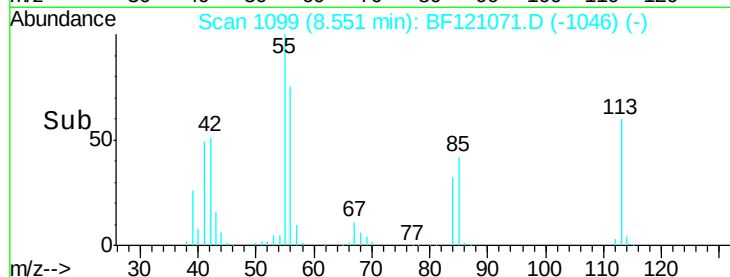
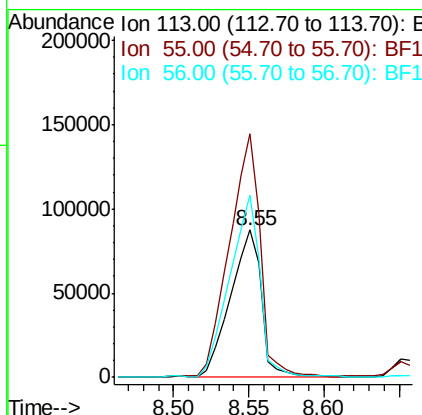
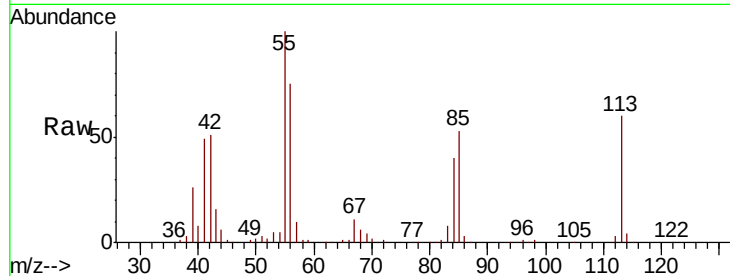
#35
Caprolactam
Concen: 40.889 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.5	143.3	183.3
56	123.8	99.4	139.4

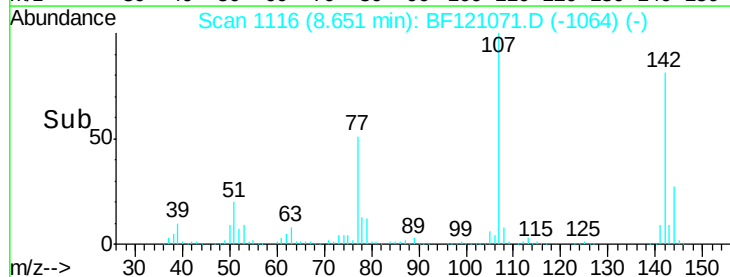
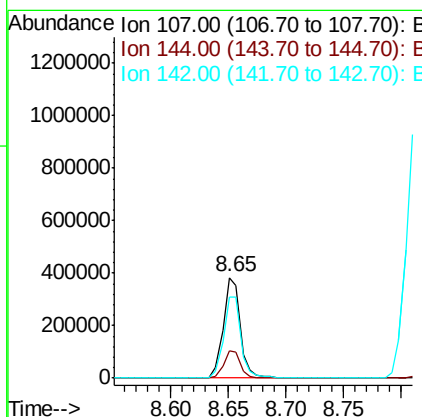
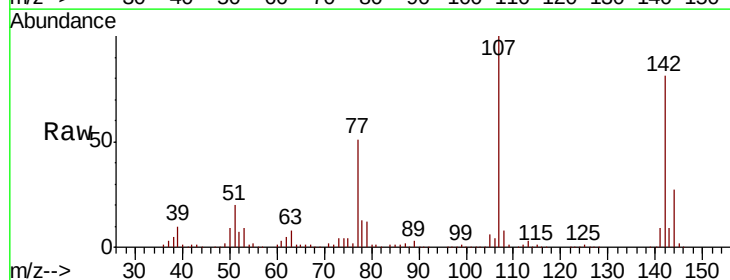
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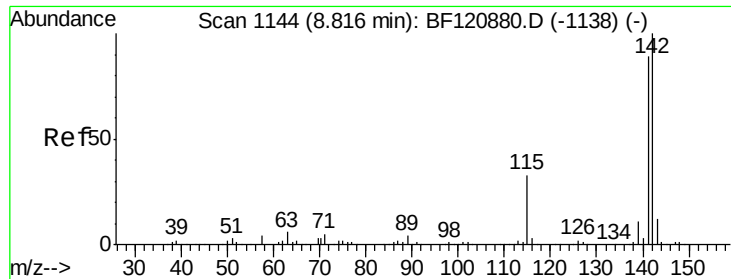
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#36
4-Chloro-3-methylphenol
Concen: 39.959 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.0	31.6
142	81.3	65.0	97.6





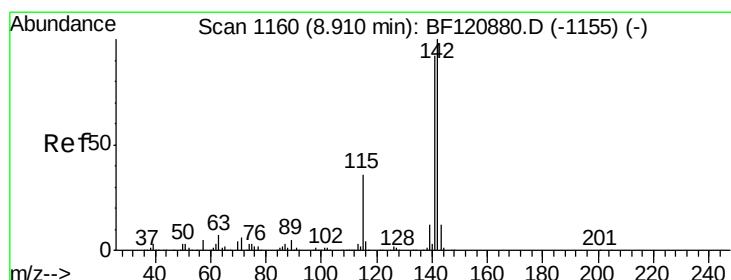
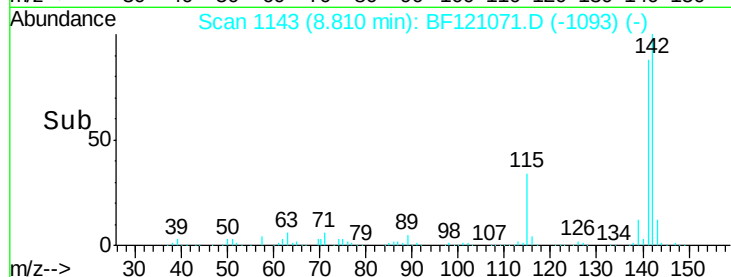
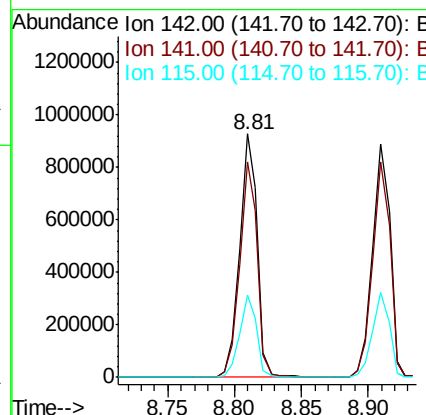
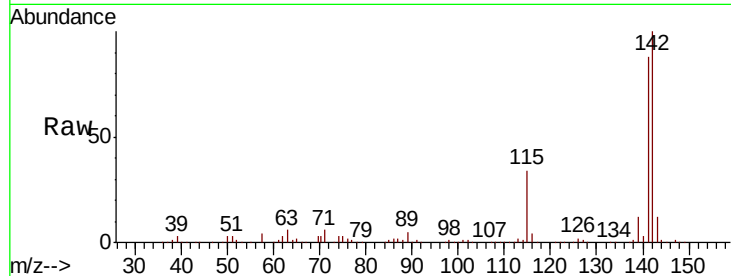
#37
2-Methylnaphthalene
Concen: 39.214 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.4
115	33.8	26.0	39.0

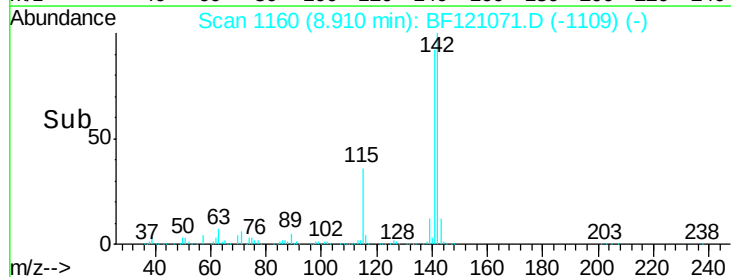
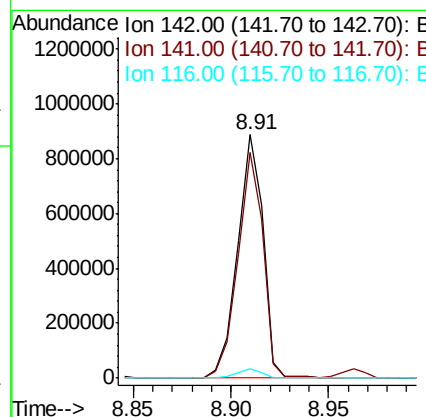
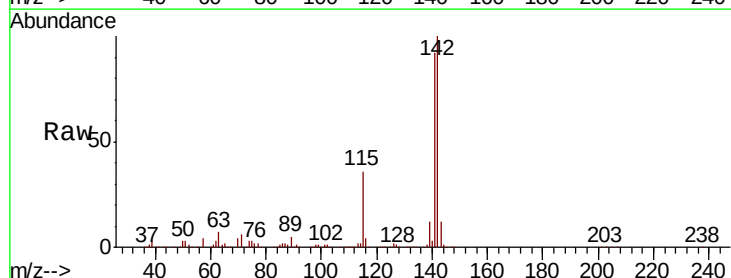
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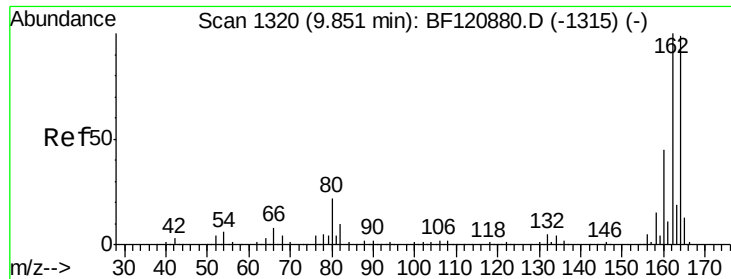
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#38
1-Methylnaphthalene
Concen: 38.551 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	3.8	3.0	4.6





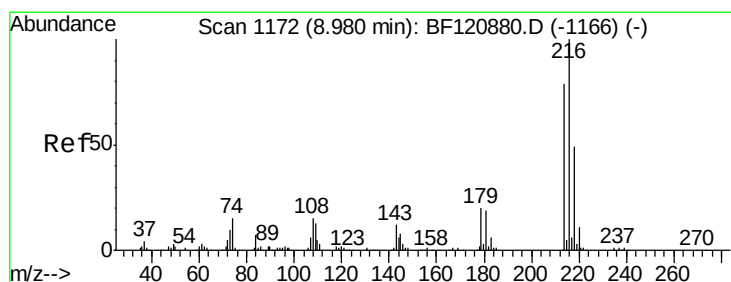
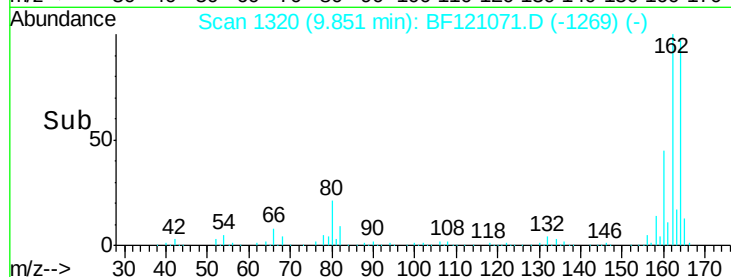
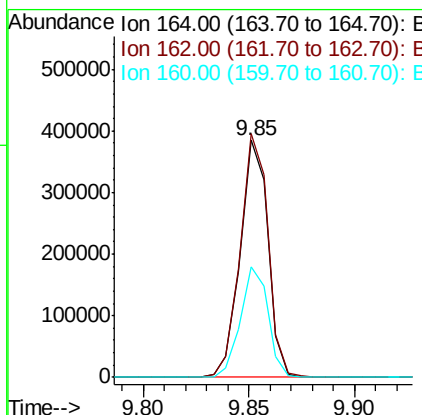
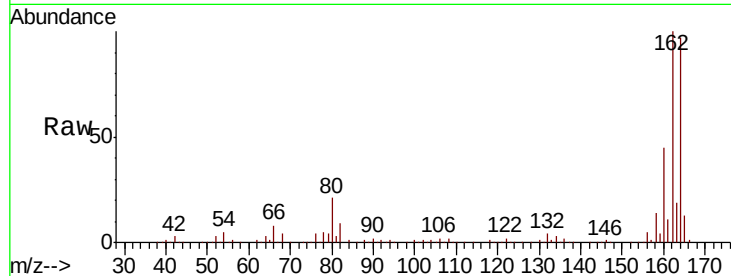
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	46.5	36.9	55.3

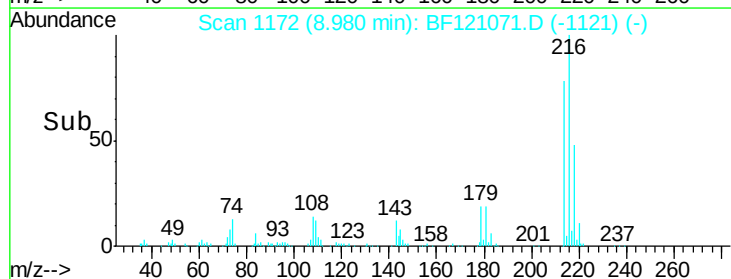
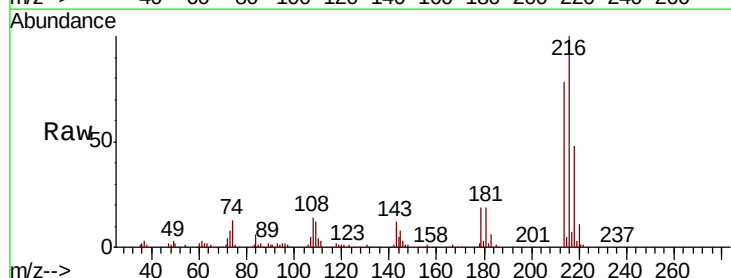
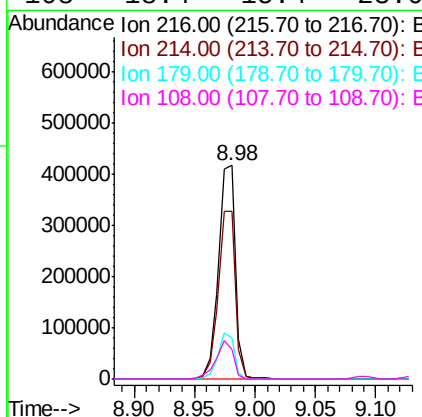
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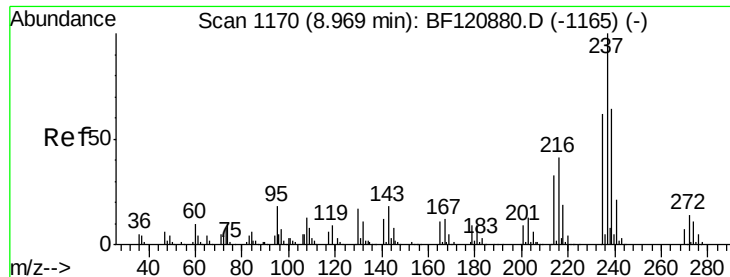
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.249 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.8
179	20.6	16.6	24.8
108	18.4	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 36.645 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

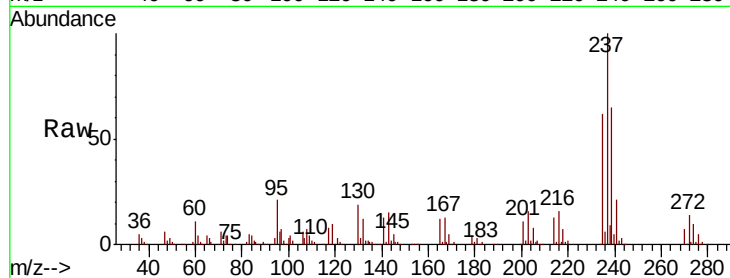
ClientSampleId :

SSTDCCC040

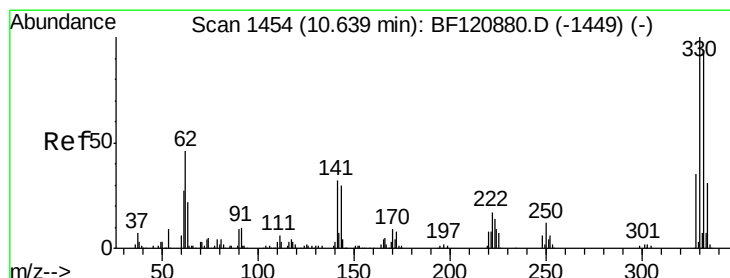
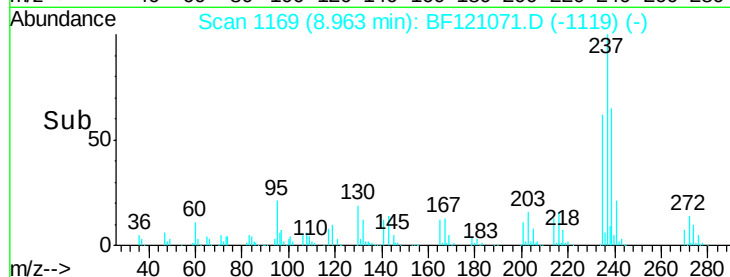
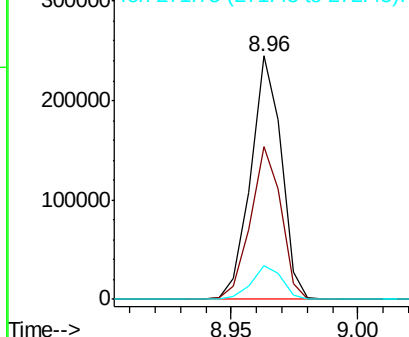
Tot Ion:	237	Resp:	206183
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.6	81.6
272	13.9	0.0	33.7

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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: 79.669 ng

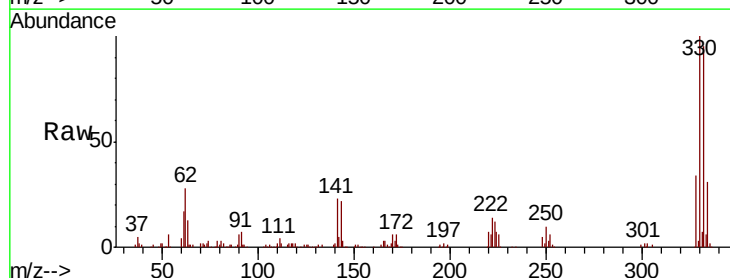
RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

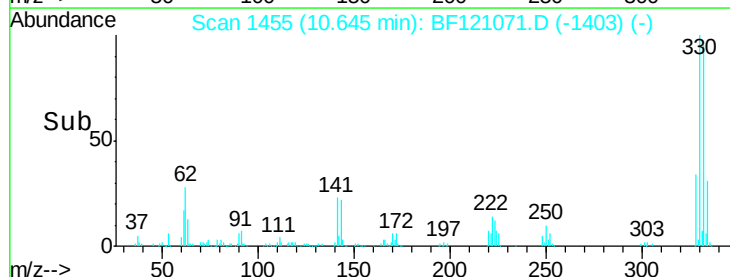
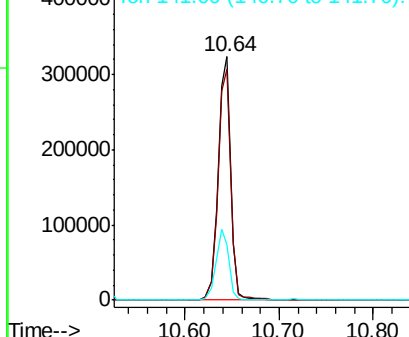
Lab File: BF121071.D

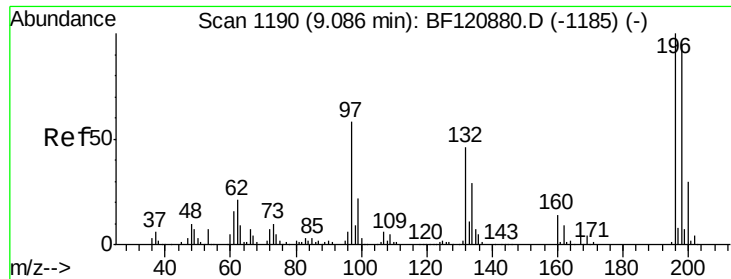
Acq: 28 Jul 2020 16:00

Tgt Ion:	330	Resp:	304704
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.5	113.3
141	30.1	25.7	38.5



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





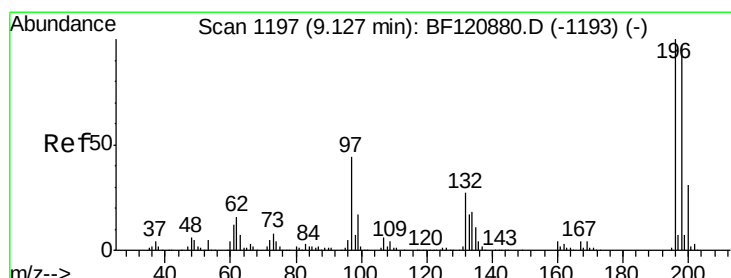
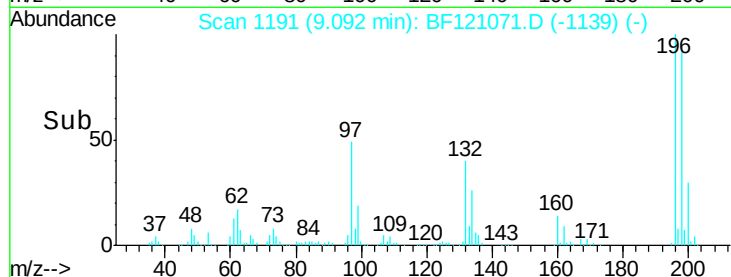
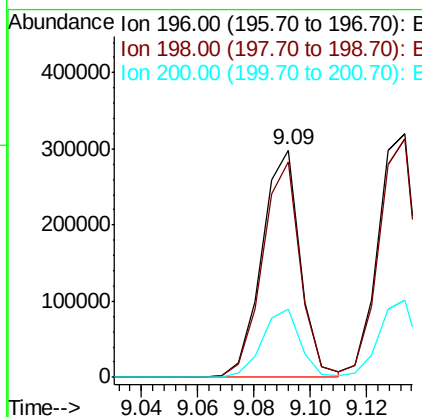
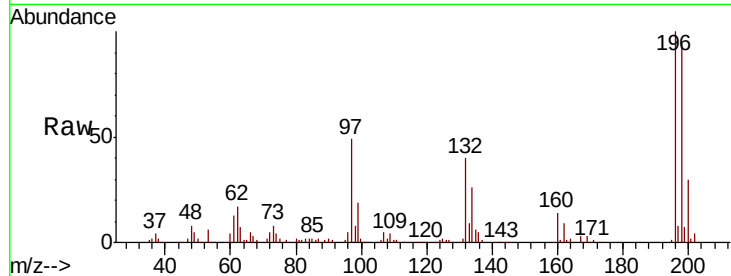
#43
 2,4,6-Trichlorophenol
 Concen: 39.302 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	281711
Ion Ratio	Lower	Upper	
196	100		
198	94.5	75.7	113.5
200	29.9	24.4	36.6

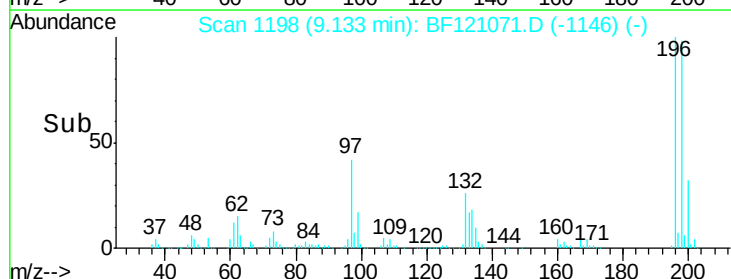
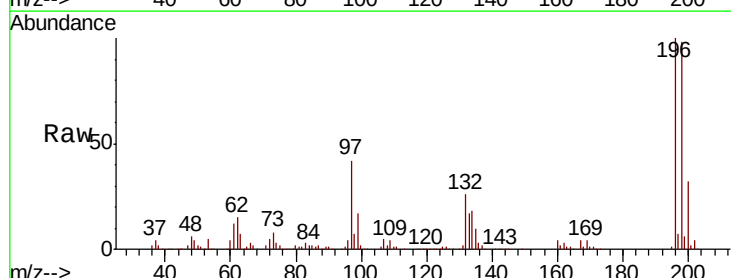
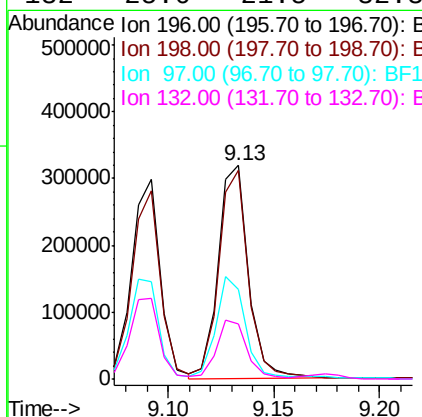
Manual Integrations
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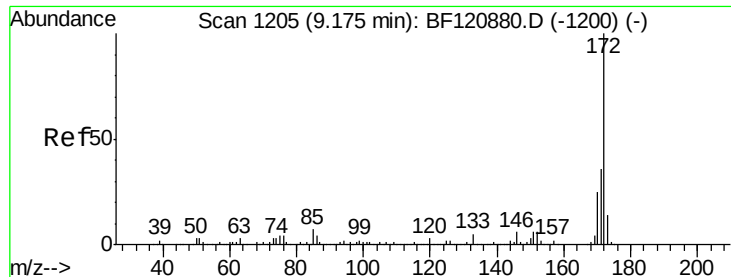
mohammad
 7/29/2020 11:47:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.606 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Tgt Ion:	196	Resp:	313892
Ion Ratio	Lower	Upper	
196	100		
198	98.0	77.6	116.4
97	41.8	35.6	53.4
132	25.6	21.5	32.3





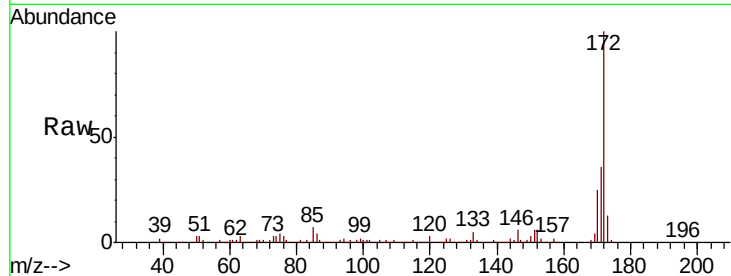
#45
2-Fluorobiphenyl
Concen: 66.548 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.5	19.6	29.4

Manual Integrations
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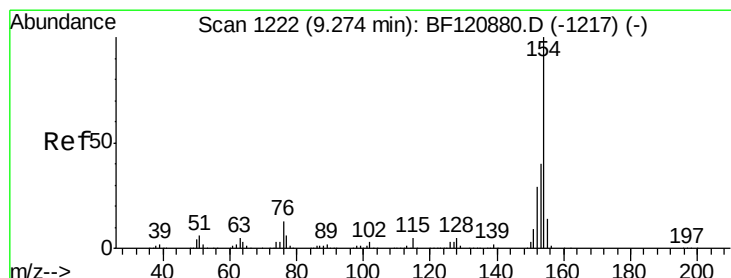
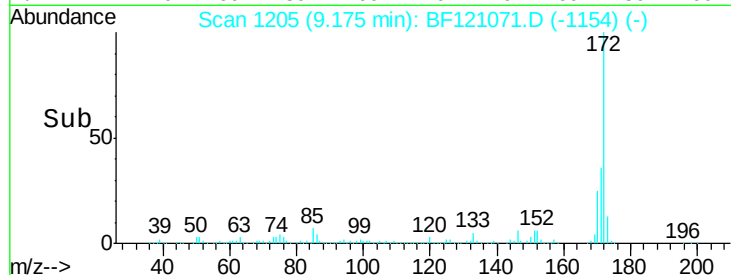
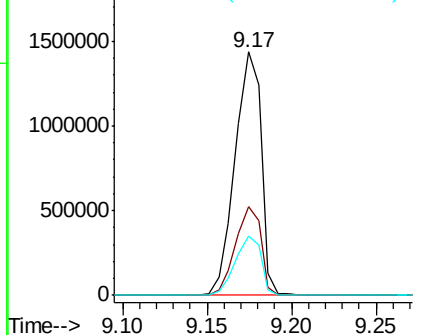


Abundance

Ion 172.00 (171.70 to 172.70): E

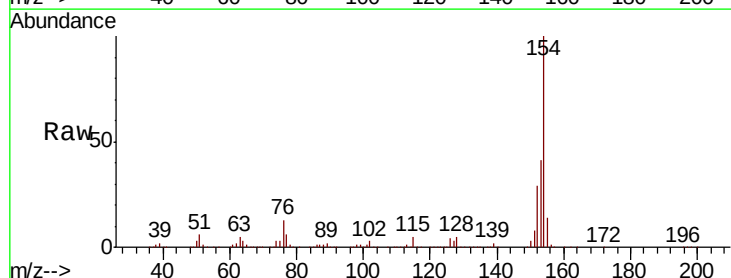
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.267 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	13.1	0.0	33.1

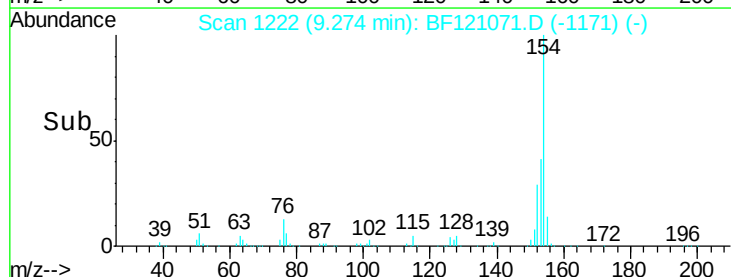
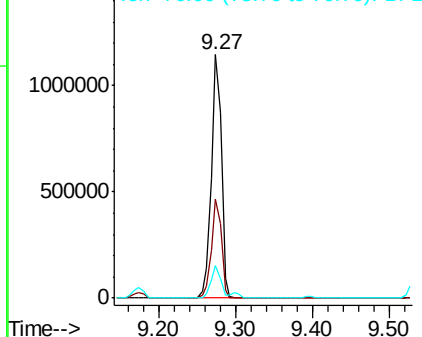


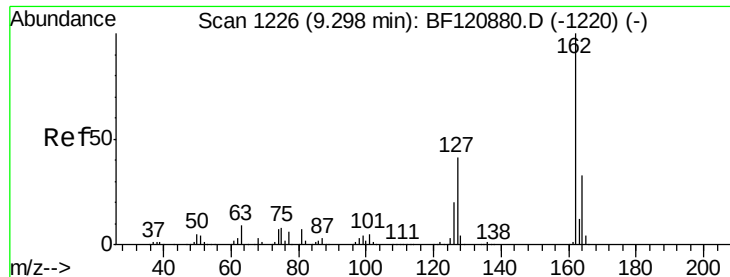
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





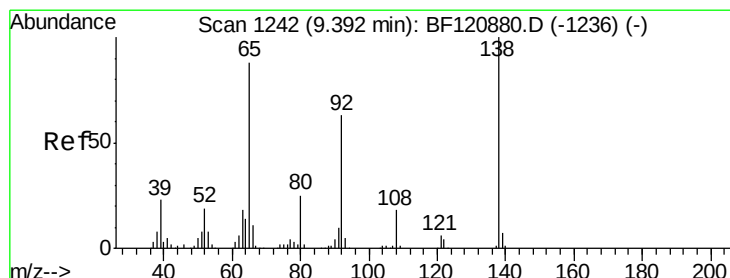
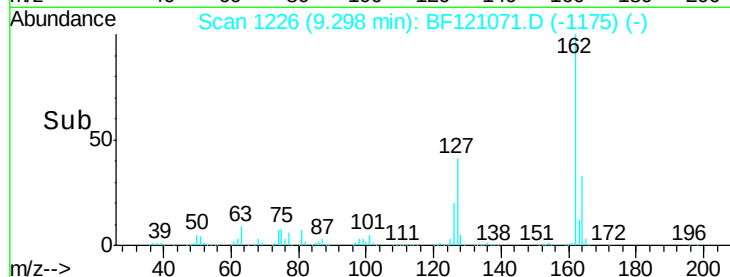
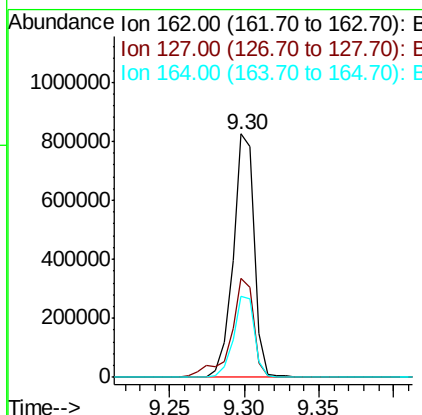
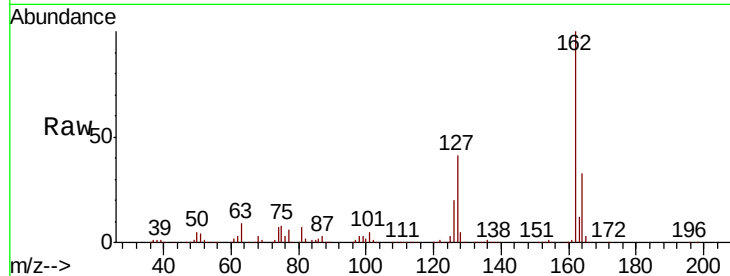
#47
2-Chloronaphthalene
Concen: 37.756 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.8	33.3	49.9		
164	33.3	26.6	39.8		

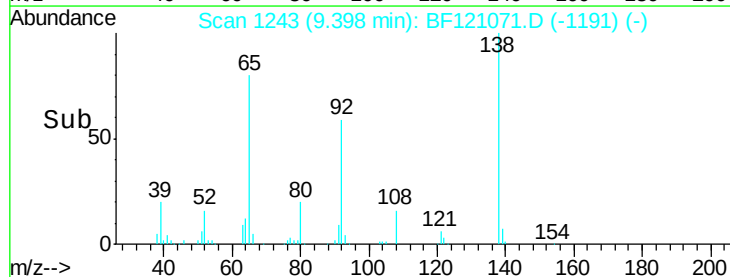
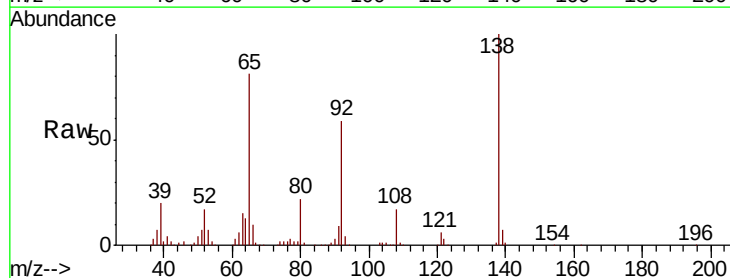
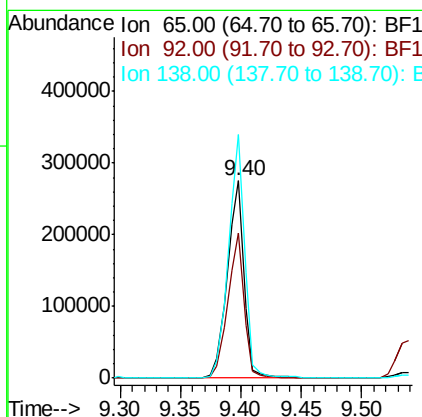
Manual Integrations
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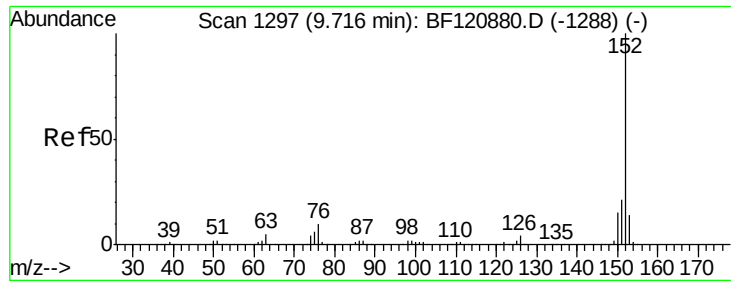
mohammad
7/29/2020 11:47:20 AM



#48
2-Nitroaniline
Concen: 40.397 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	73.2	57.0	85.4		
138	123.4	90.4	135.6		





#49

Acenaphthylene

Concen: 38.112 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1286588

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

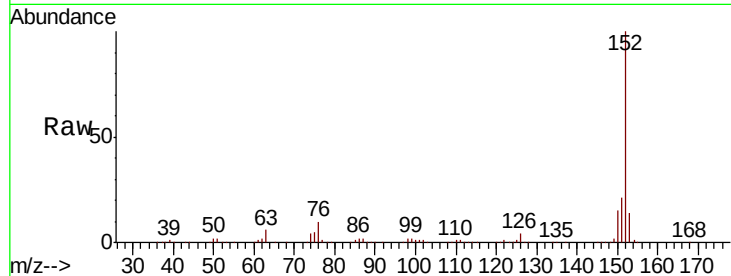
153 13.5 10.9 16.3

Manual Integrations

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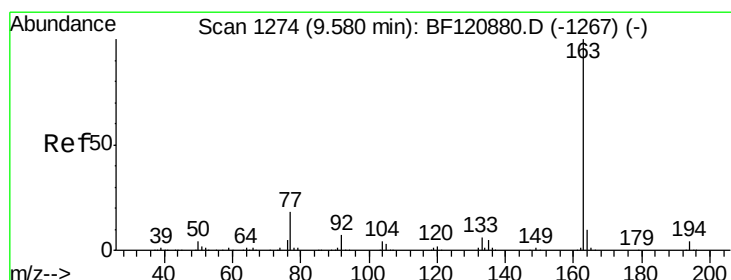
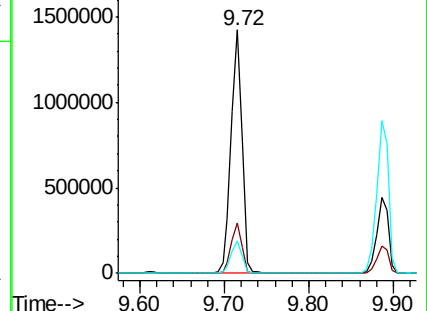
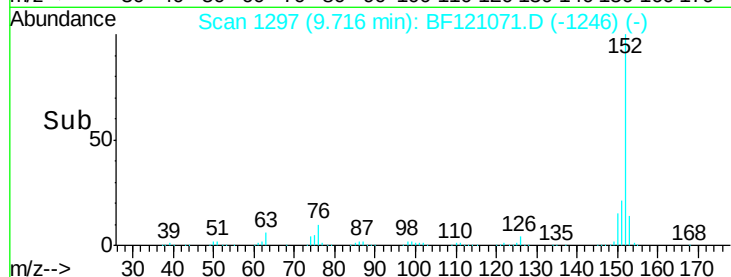
7/29/2020 11:47:20 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.092 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

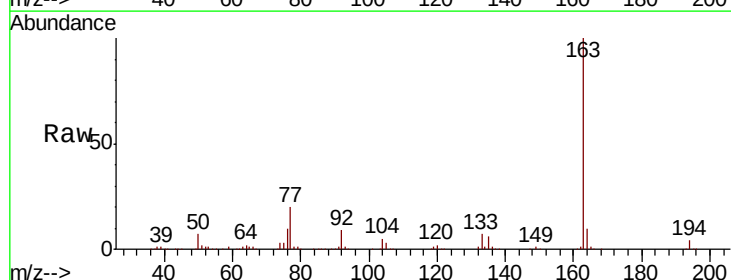
Tgt Ion:163 Resp: 985419

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

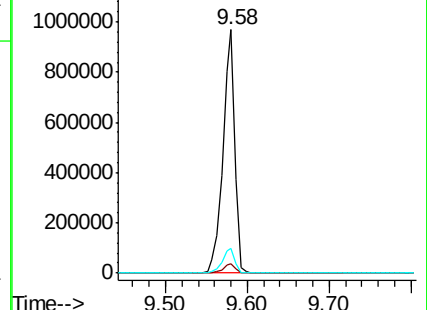
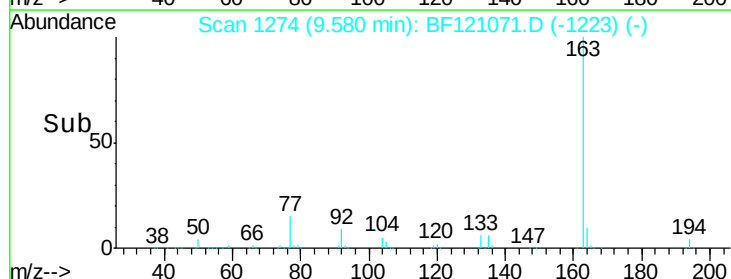
164 10.4 7.9 11.9

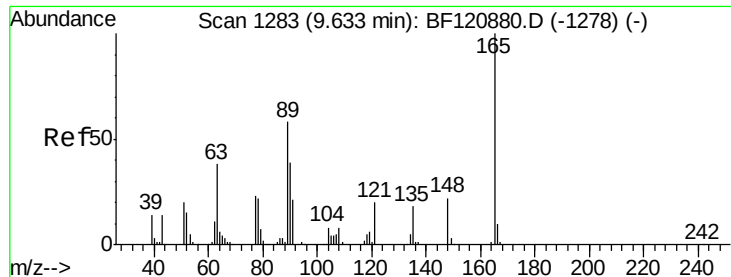


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





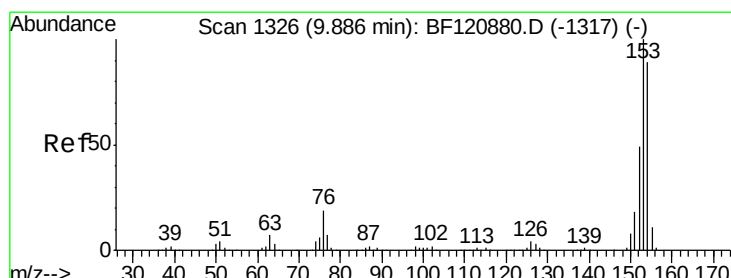
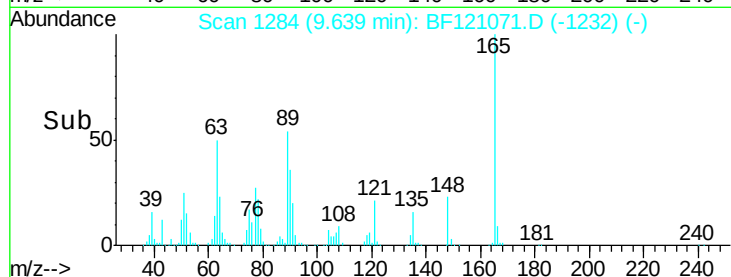
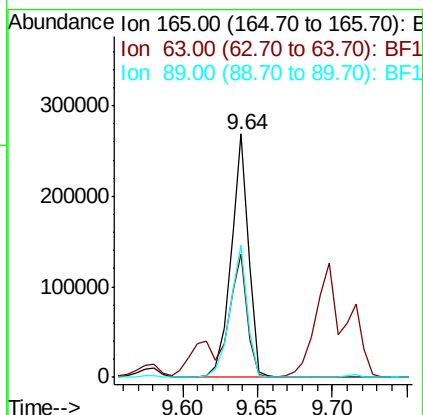
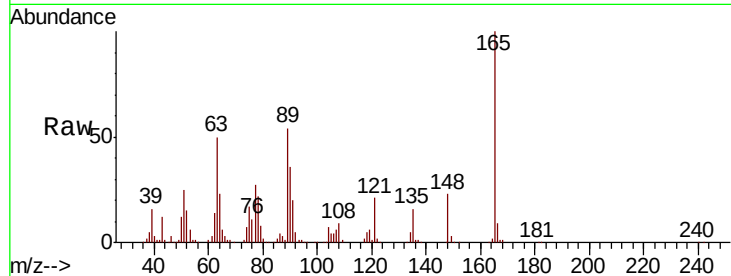
#51
2,6-Dinitrotoluene
Concen: 41.127 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222728		
63	50.5	45.4	68.2	
89	54.2	47.0	70.4	

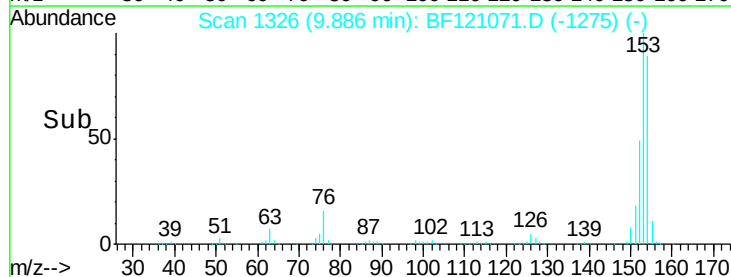
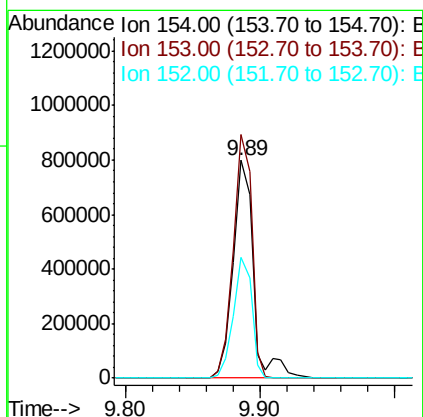
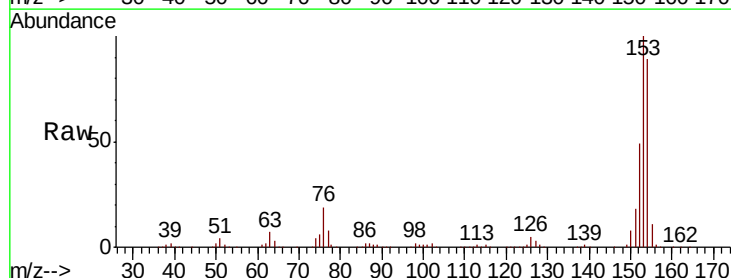
Manual Integrations
APPROVED

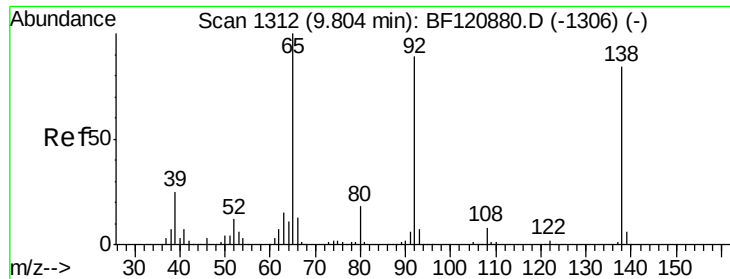
mohammad
7/29/2020 11:47:20 AM



#52
Acenaphthene
Concen: 38.651 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	829555		
153	111.8	89.5	134.3	
152	55.2	44.2	66.2	





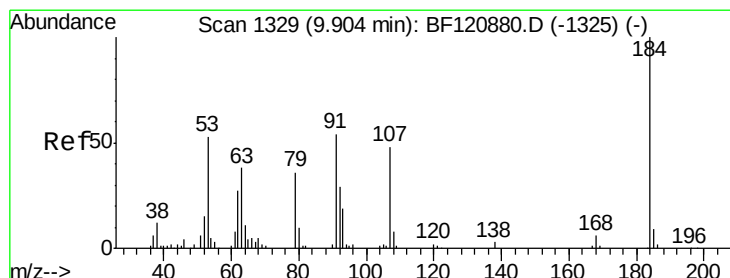
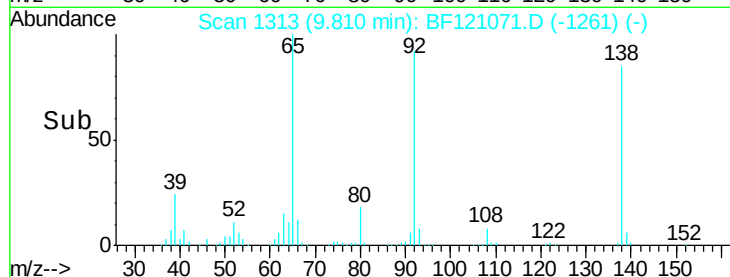
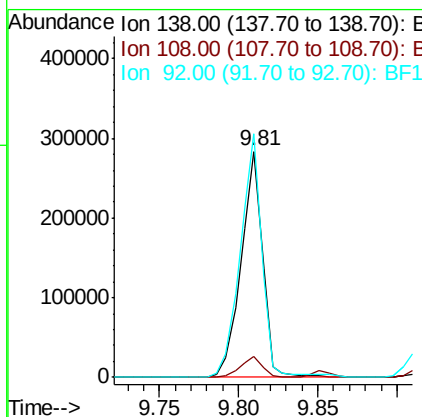
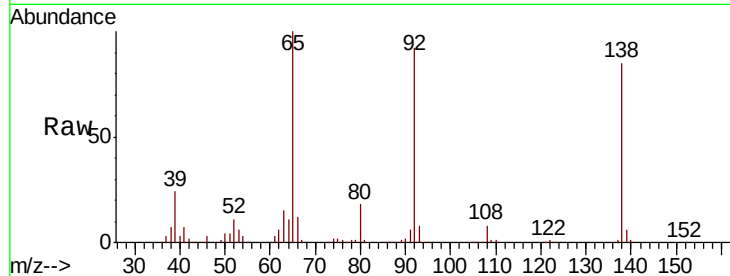
#53
3-Nitroaniline
Concen: 39.222 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	107.6	85.3	127.9

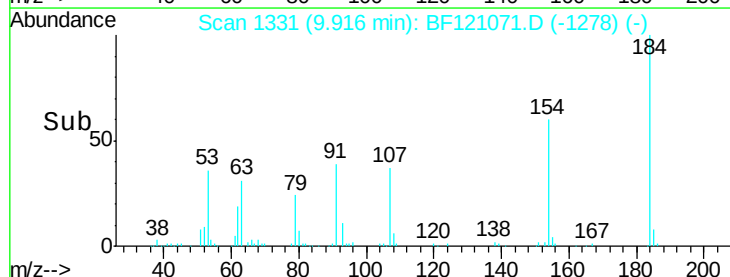
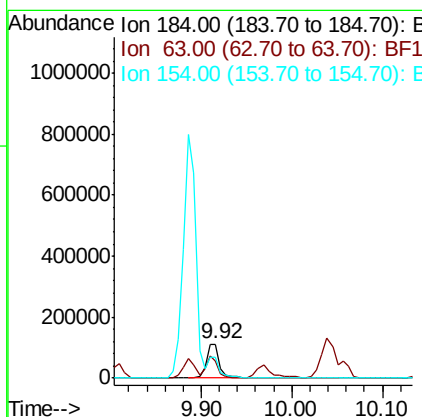
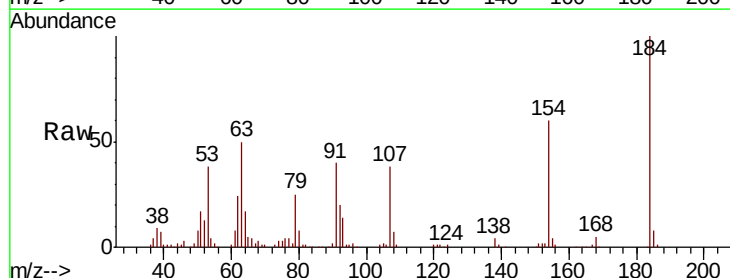
Manual Integrations
APPROVED

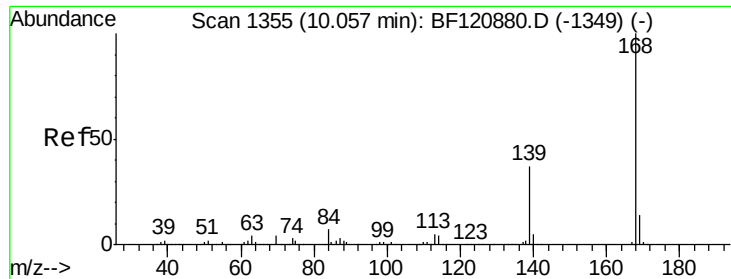
mohammad
7/29/2020 11:47:20 AM



#54
2,4-Dinitrophenol
Concen: 40.906 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	57.9	86.9#
154	60.2	52.6	78.8





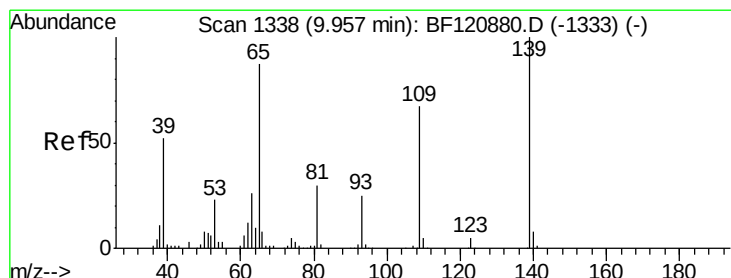
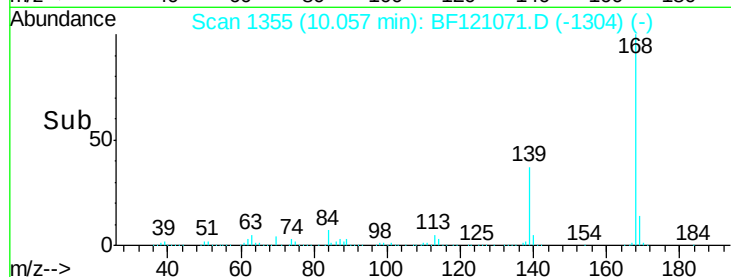
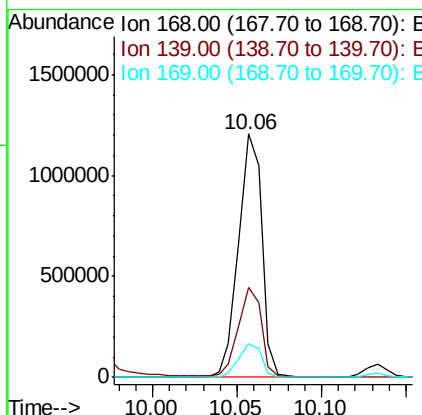
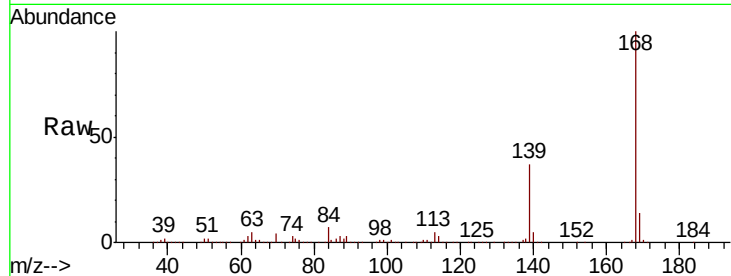
#55
Dibenzofuran
Concen: 37.601 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.7	44.5
169	14.0	11.1	16.7

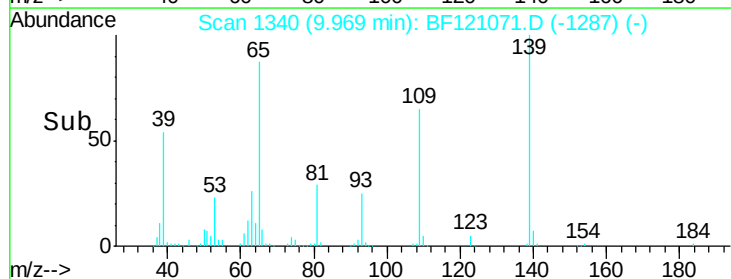
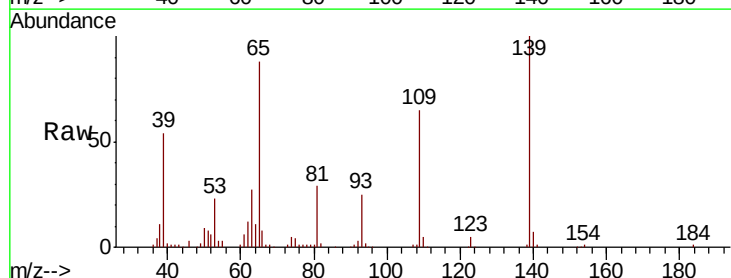
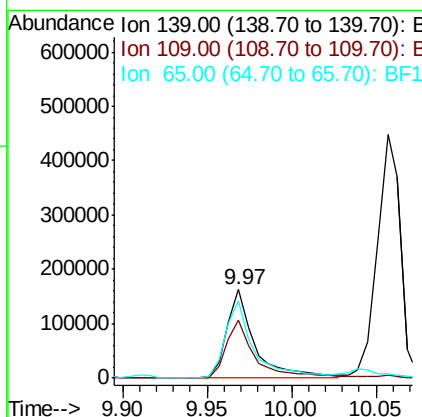
Manual Integrations
APPROVED

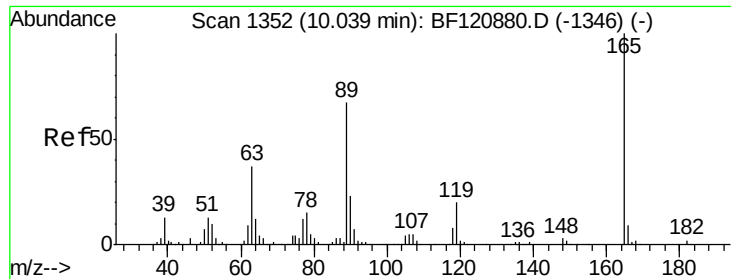
mohammad
7/29/2020 11:47:20 AM



#56
4-Nitrophenol
Concen: 36.439 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	47.3	87.3
65	87.7	67.2	107.2





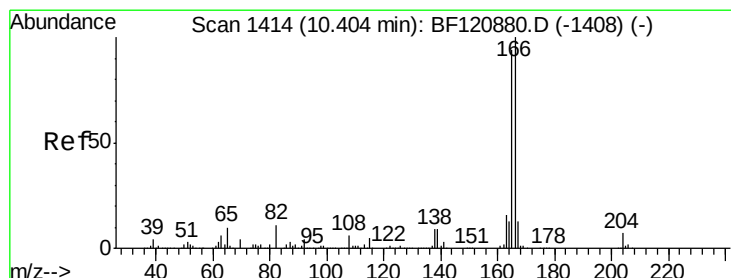
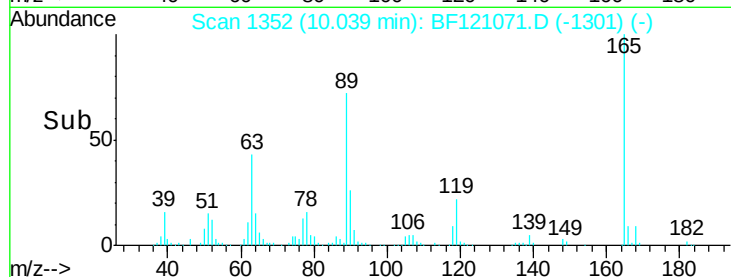
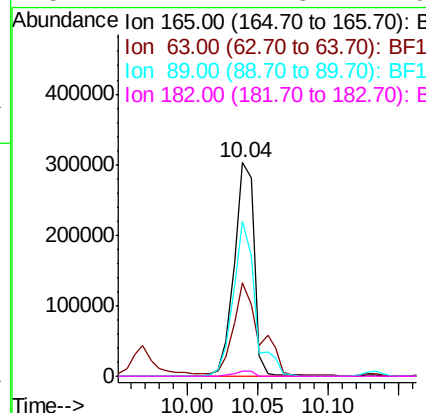
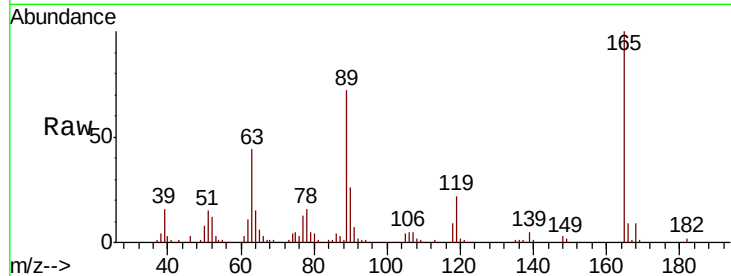
#57
2,4-Dinitrotoluene
Concen: 42.034 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		298943		
63	43.7		29.4	44.2	
89	72.4		53.4	80.0	
182	2.4		1.8	2.6	

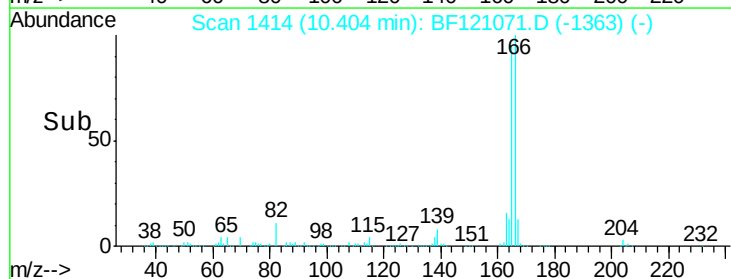
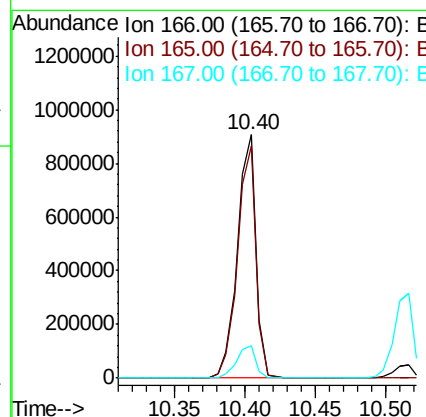
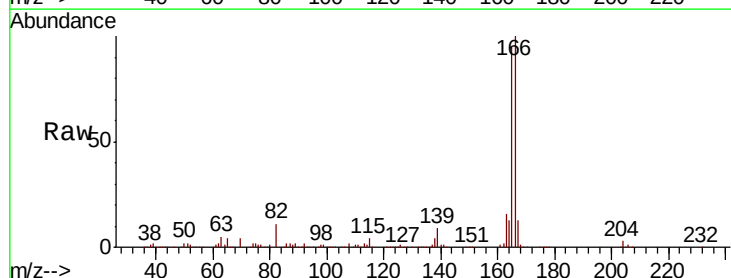
Manual Integrations
APPROVED

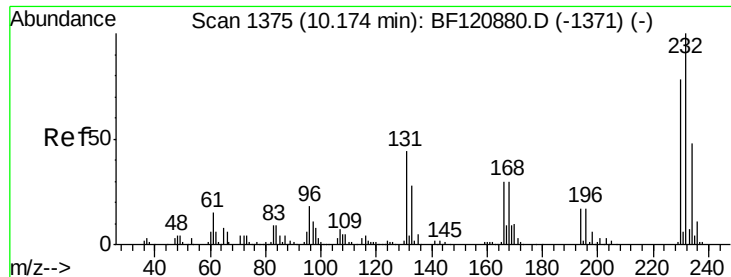
mohammad
7/29/2020 11:47:20 AM



#58
Fluorene
Concen: 35.908 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		831194		
165	95.2		75.4	113.0	
167	13.3		10.6	15.8	





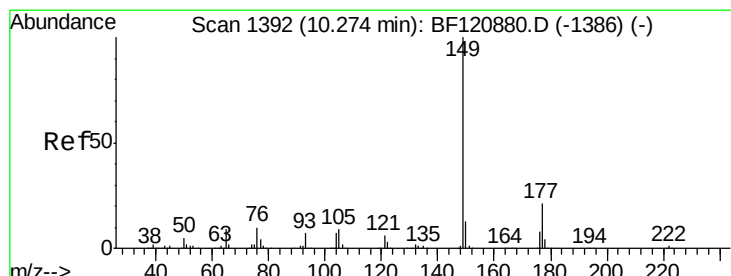
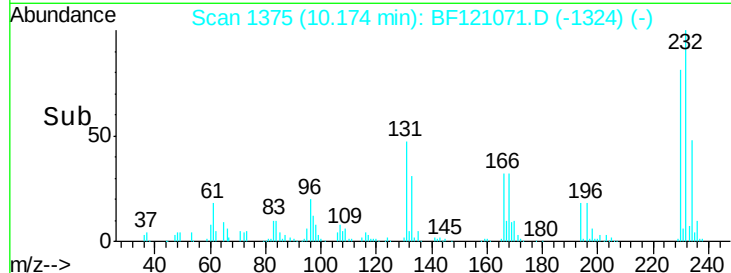
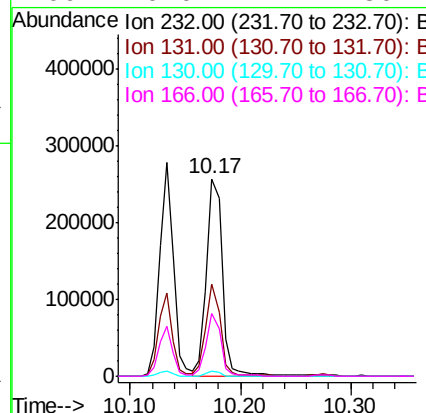
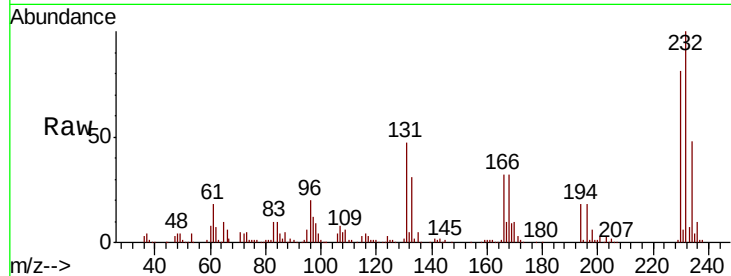
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.148 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	248541		
131	42.9		37.1	55.7
130	2.1		1.7	2.5
166	29.0		24.2	36.4

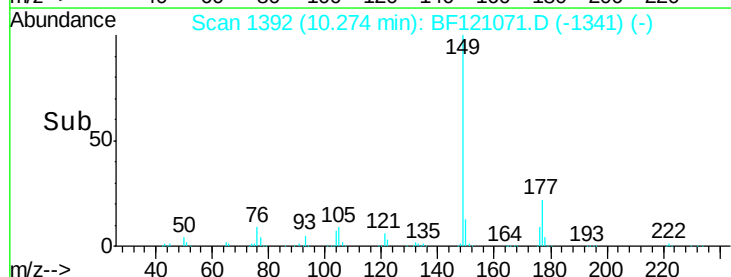
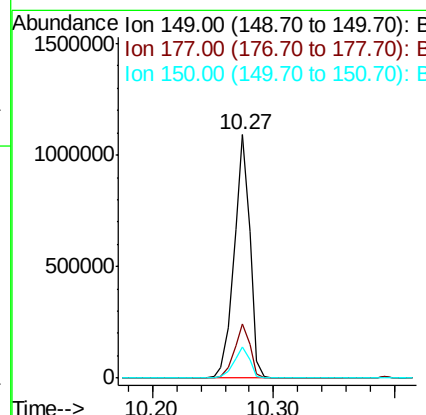
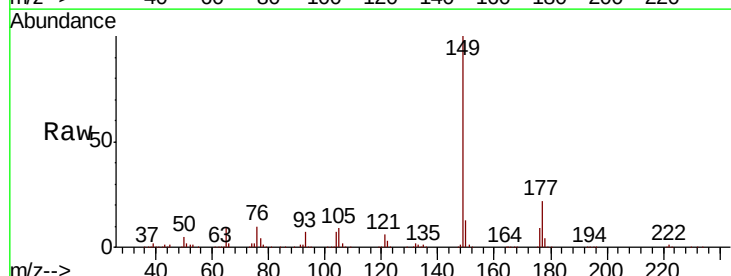
Manual Integrations
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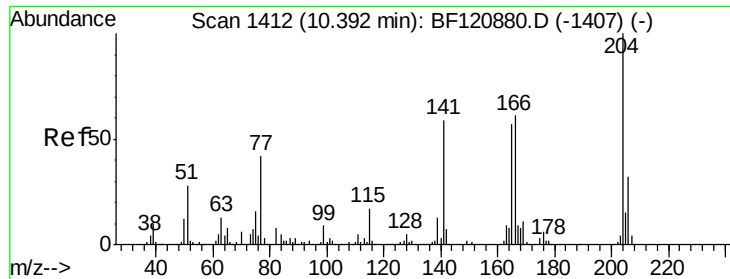
mohammad
7/29/2020 11:47:20 AM



#60
Diethylphthalate
Concen: 38.547 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	982819		
177	22.1		17.1	25.7
150	12.7		10.3	15.5





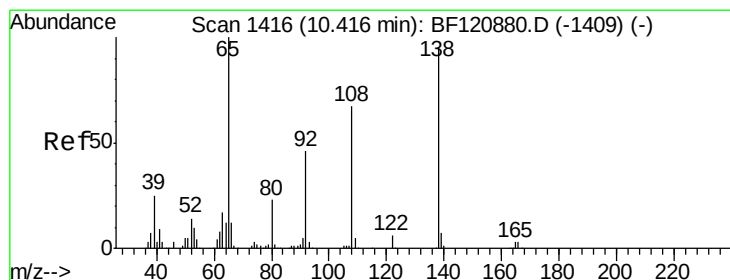
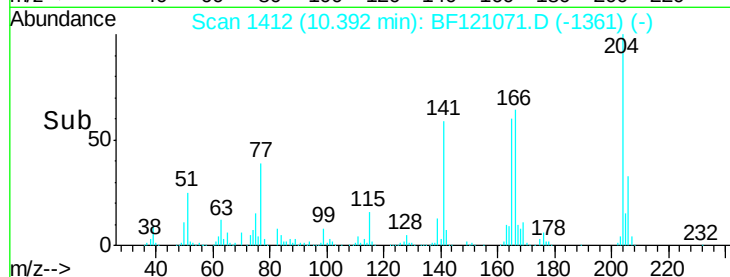
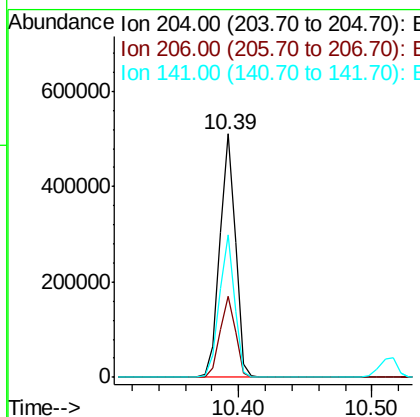
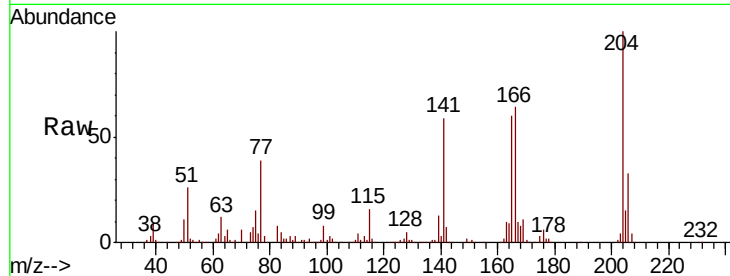
#61
4-Chlorophenyl-phenylether
Concen: 34.522 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.9	38.9
141	58.6	47.2	70.8

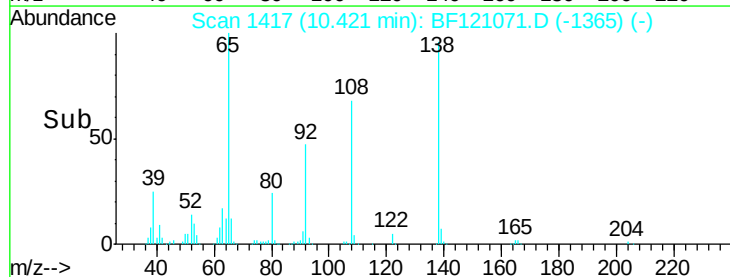
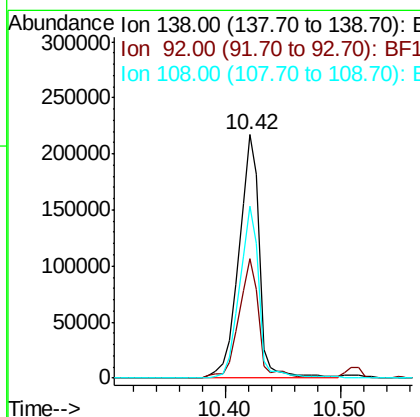
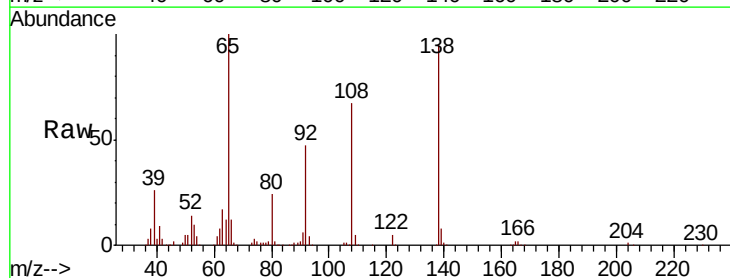
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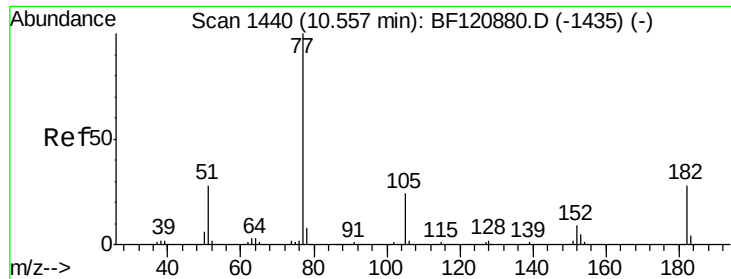
mohammad
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#62
4-Nitroaniline
Concen: 40.647 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	28.6	68.6
108	70.4	51.1	91.1





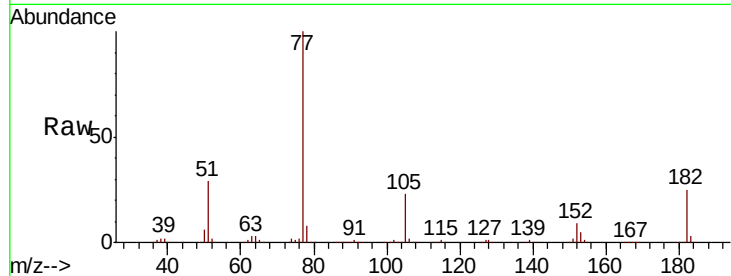
#63
Azobenzene
Concen: 37.642 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

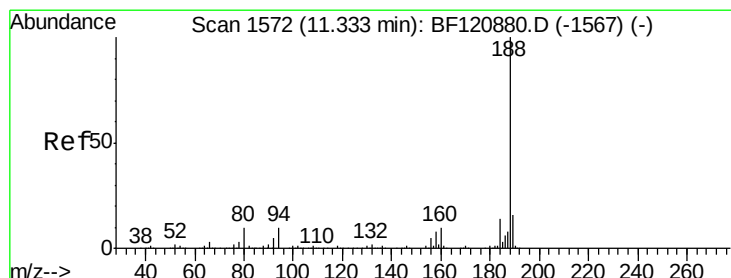
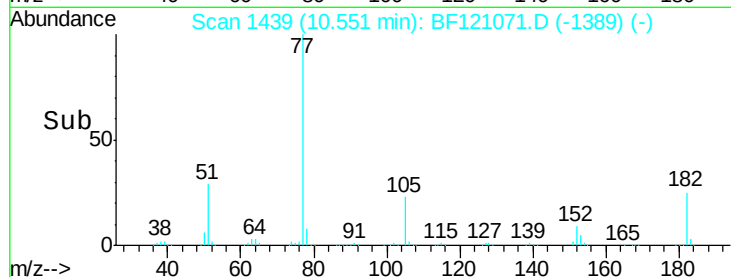
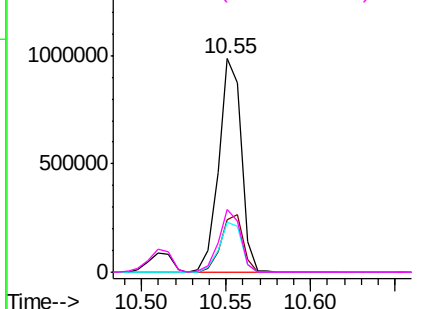
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.7	7.8	47.8		
105	23.3	4.4	44.4		
51	29.3	8.0	48.0		

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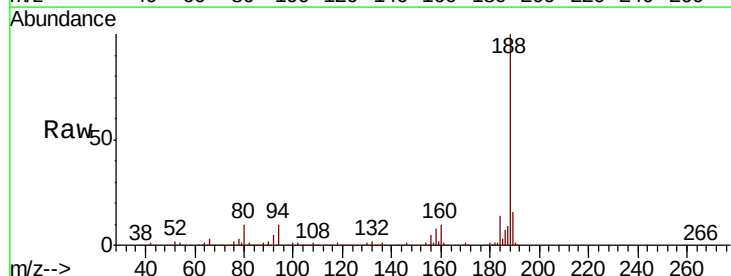


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

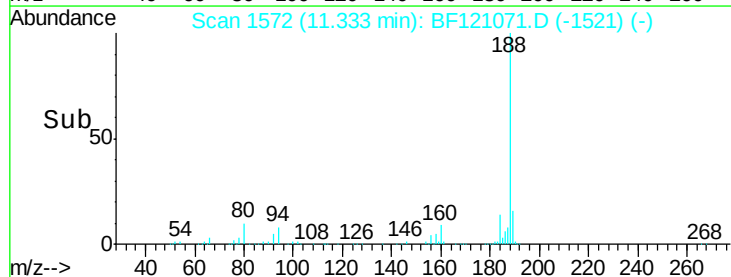
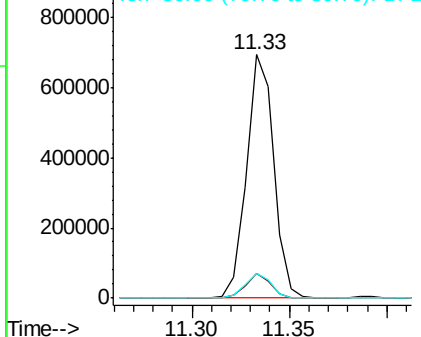


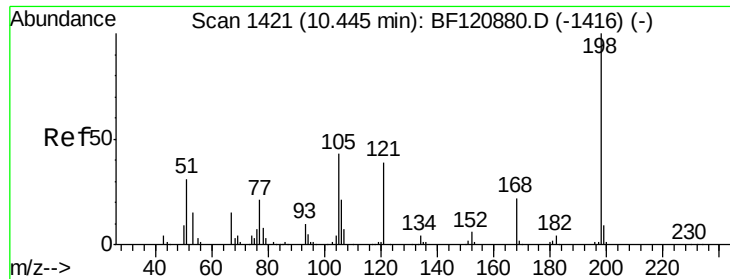
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	8.0	12.0		
80	10.4	8.3	12.5		



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





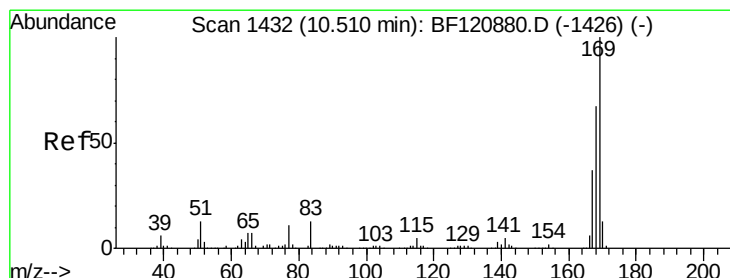
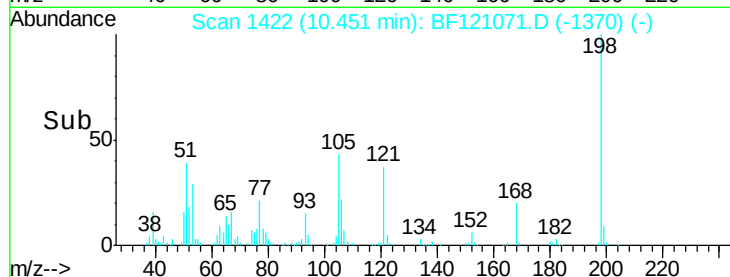
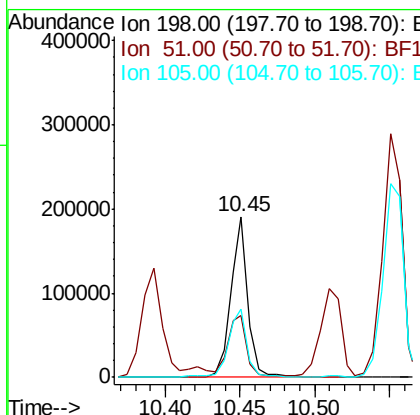
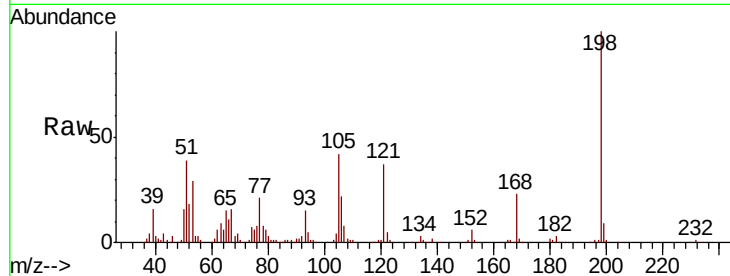
#65
4,6-Dinitro-2-methylphenol
Concen: 40.644 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	154666		
51	38.8	19.5	59.5	
105	42.4	24.4	64.4	

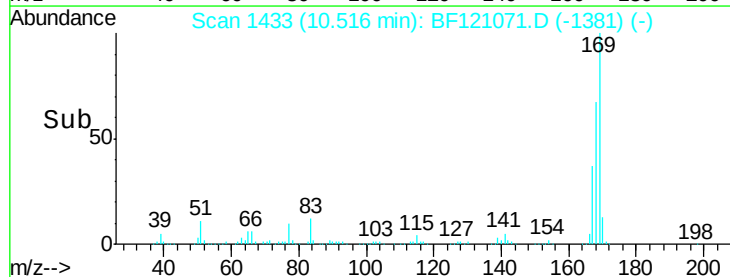
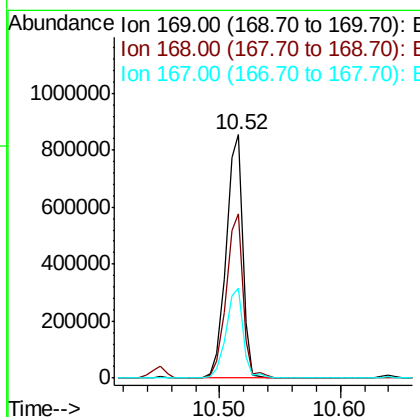
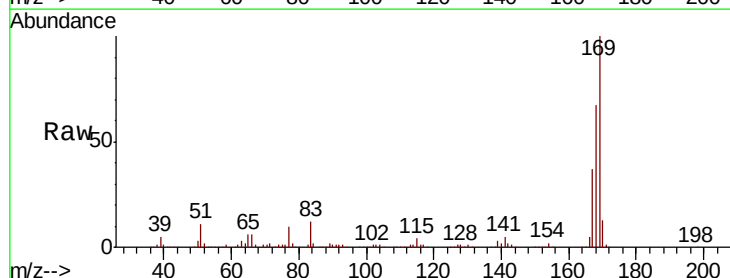
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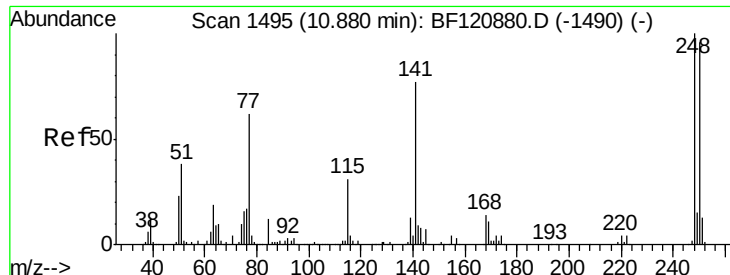
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.785 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	815056		
168	67.3	53.4	80.0	
167	37.0	29.4	44.0	





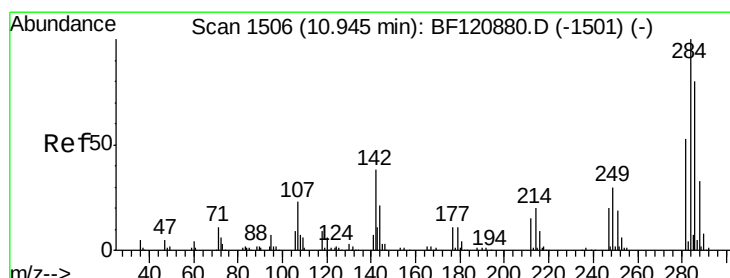
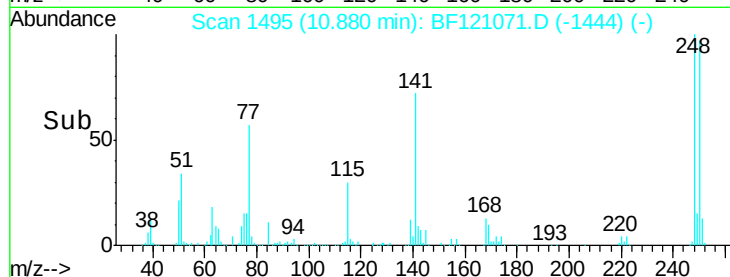
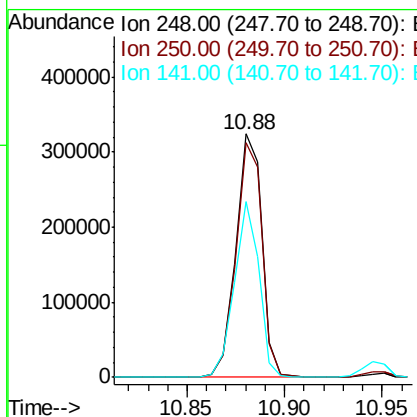
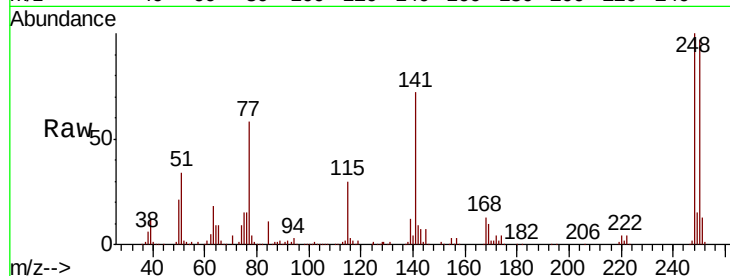
#67
 4-Bromophenyl-phenylether
 Concen: 40.250 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	299781
Ion Ratio	Lower	Upper	
248	100		
250	96.5	77.1	115.7
141	72.0	61.2	91.8

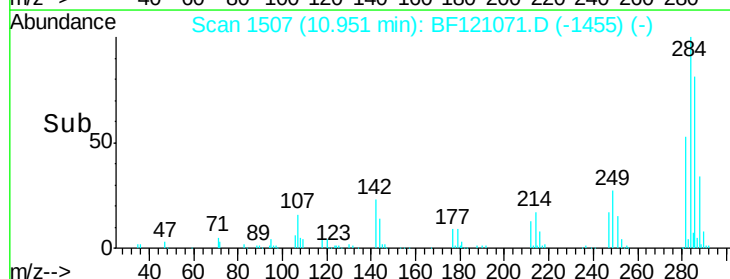
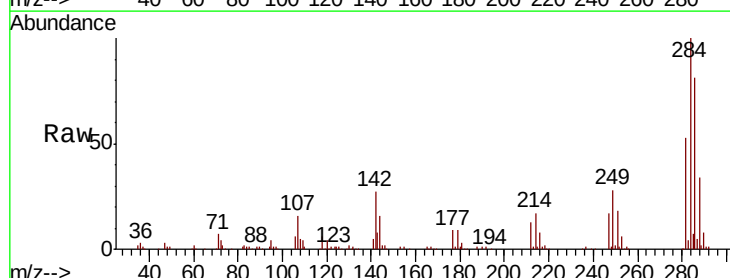
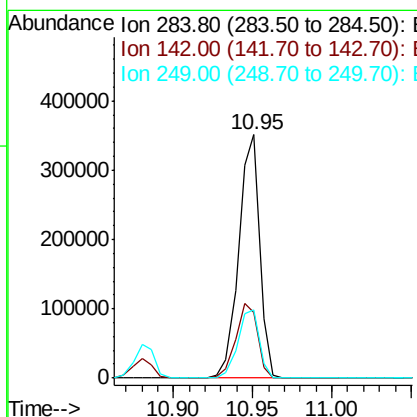
Manual Integrations
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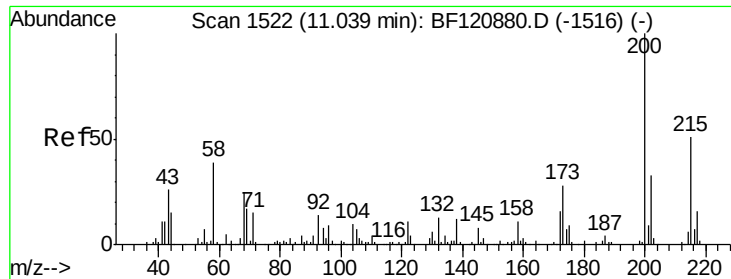
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.757 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Tgt Ion:	284	Resp:	320307
Ion Ratio	Lower	Upper	
284	100		
142	26.8	30.2	45.2#
249	28.0	24.2	36.2





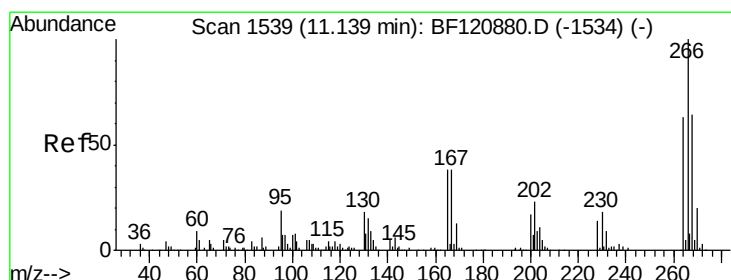
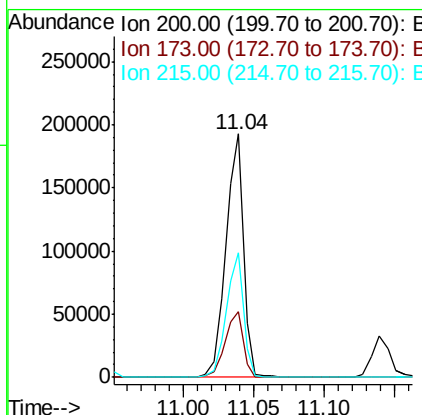
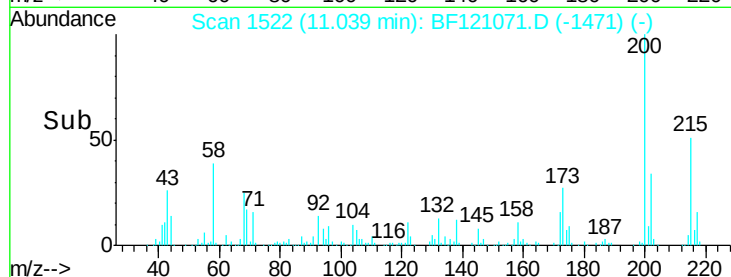
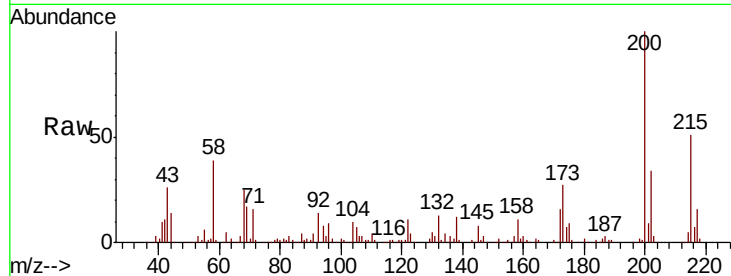
#69
Atrazine
Concen: 32.132 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.0	48.0
215	51.1	31.5	71.5

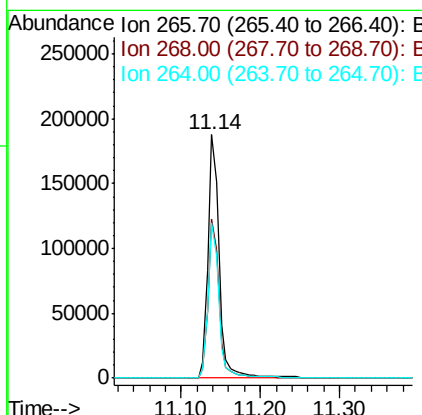
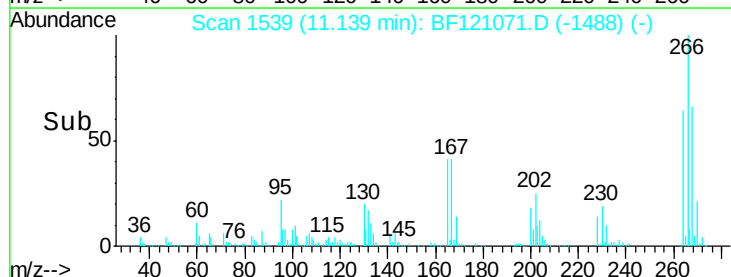
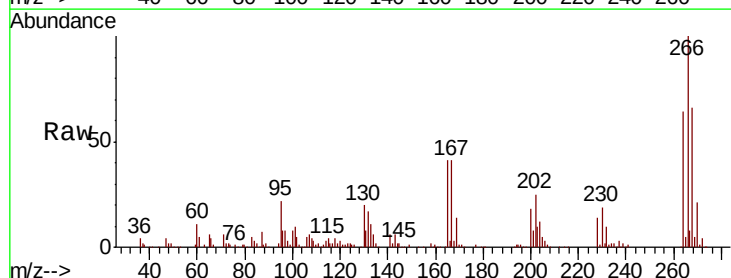
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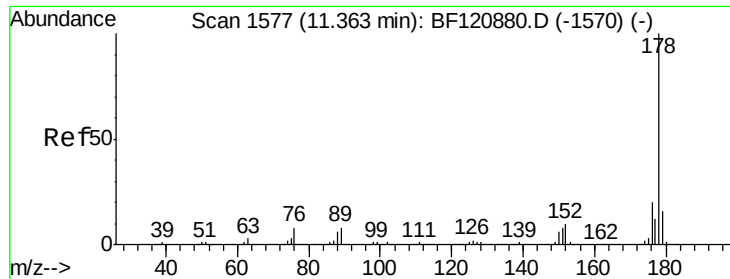
mohammad
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#70
Pentachlorophenol
Concen: 40.788 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	64.0	50.2	75.2





#71

Phenanthrene

Concen: 37.680 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1294555

Ion Ratio Lower Upper

178 100

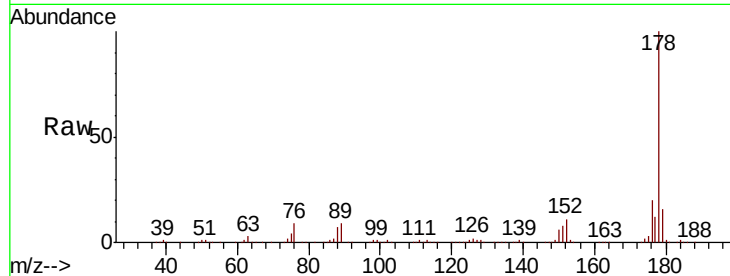
176 20.2 16.2 24.4

179 15.9 12.8 19.2

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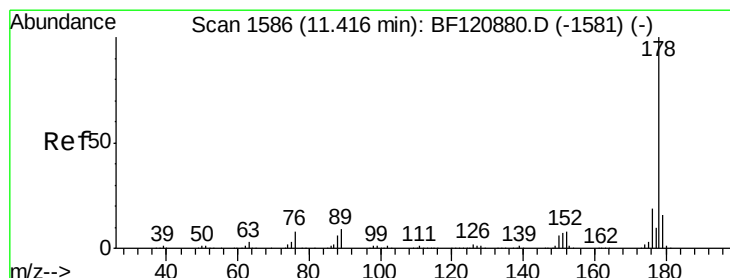
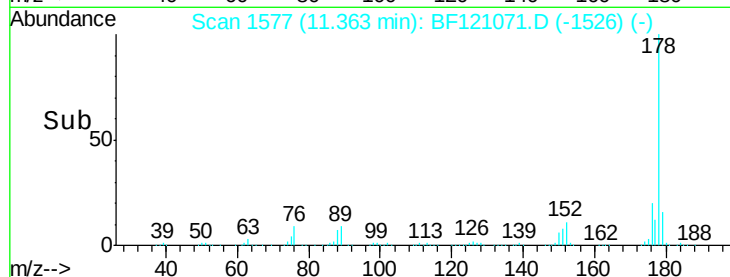
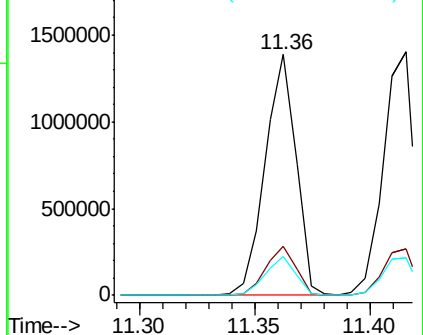
7/29/2020 11:47:20 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.904 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Tgt Ion:178 Resp: 1307660

Ion Ratio Lower Upper

178 100

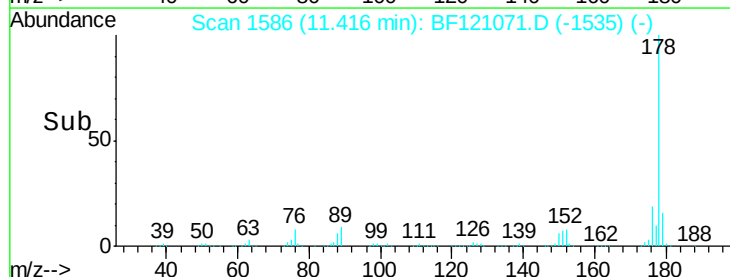
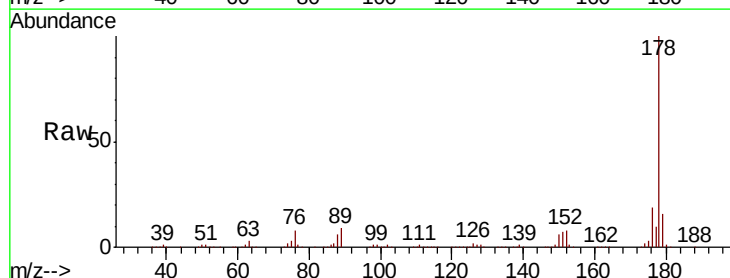
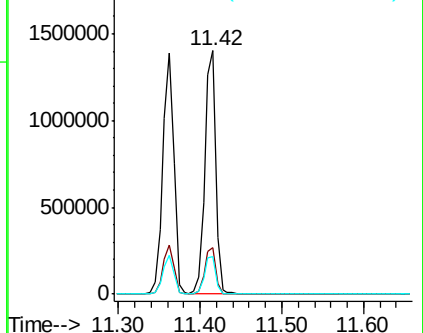
176 19.2 15.5 23.3

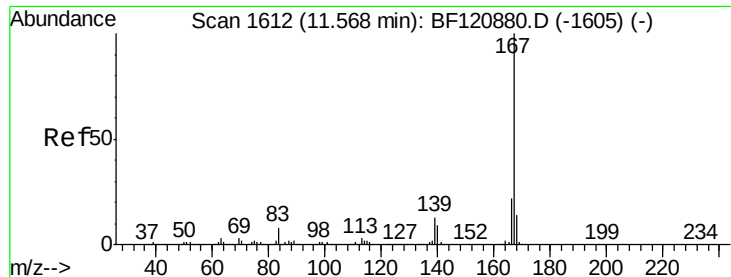
179 15.6 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.478 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1317366

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

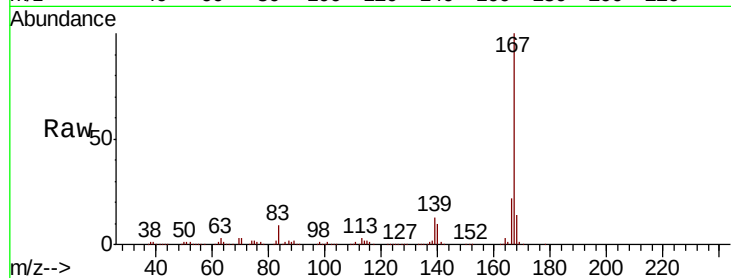
139 12.9 10.1 15.1

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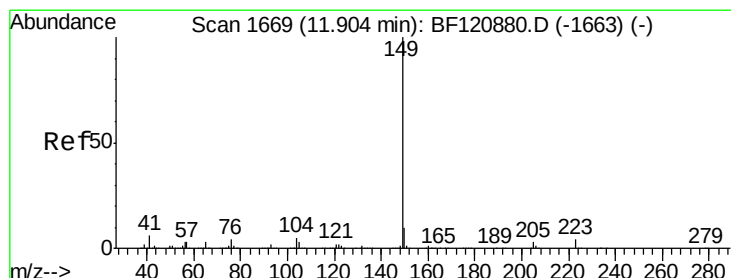
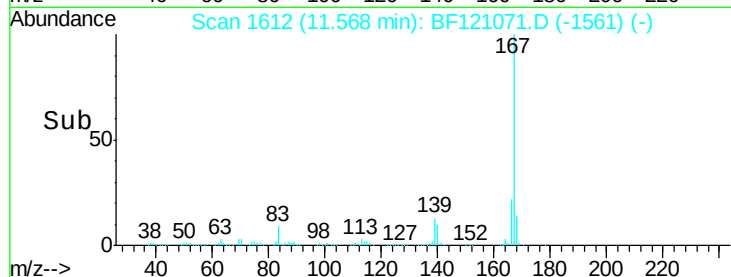
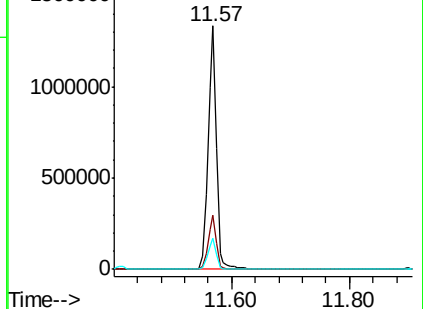
7/29/2020 11:47:20 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.644 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

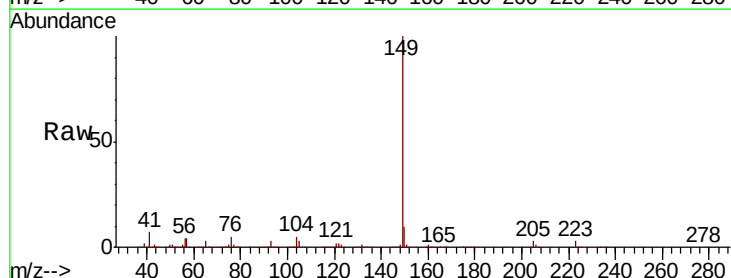
Tgt Ion:149 Resp: 1566299

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

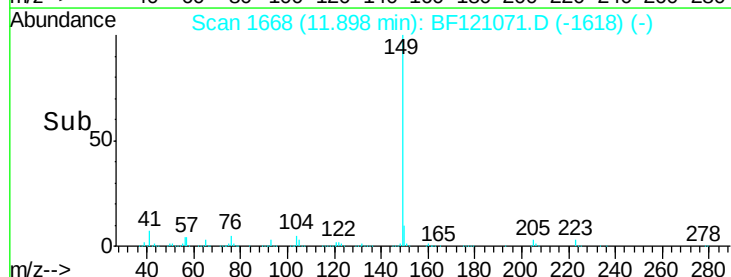
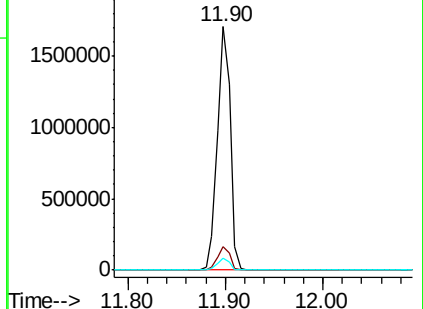
104 4.9 3.8 5.6

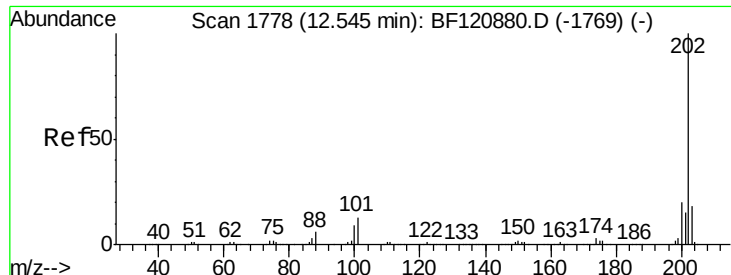


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





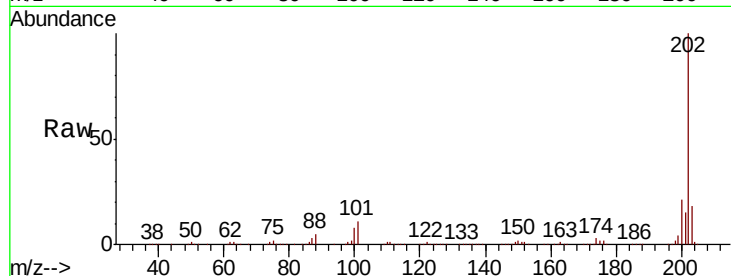
#75
 Fluoranthene
 Concen: 37.815 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

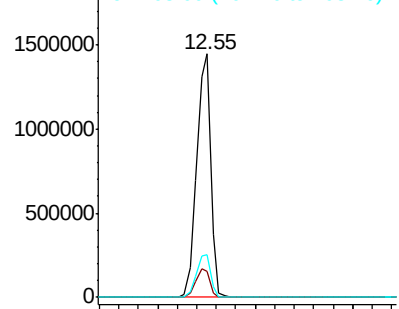
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.7
203	17.8	0.0	38.0

Manual Integrations
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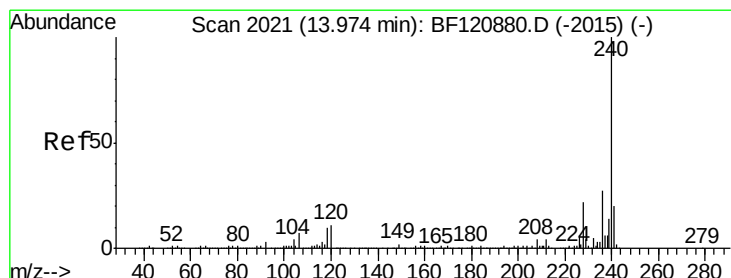
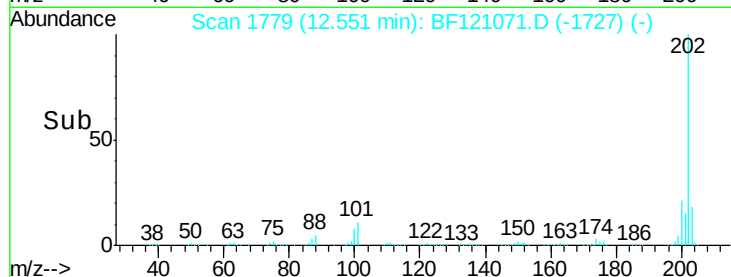
mohammad
 7/29/2020 11:47:20 AM



Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

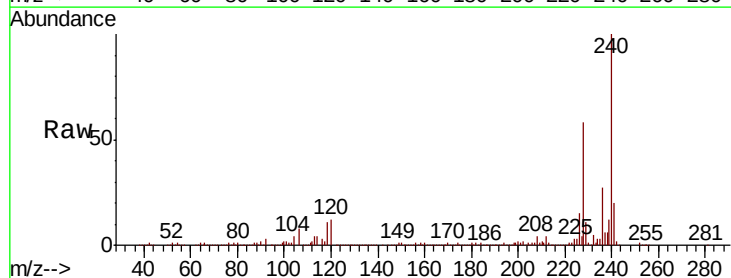


Time-->

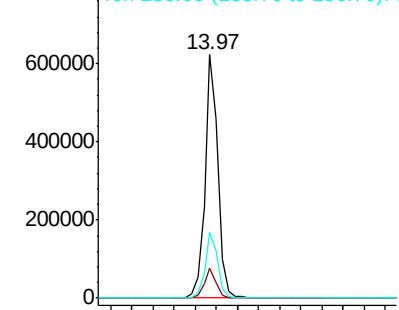


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

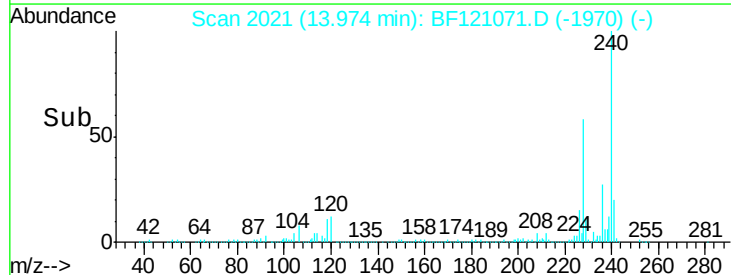
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.4
236	26.8	21.7	32.5

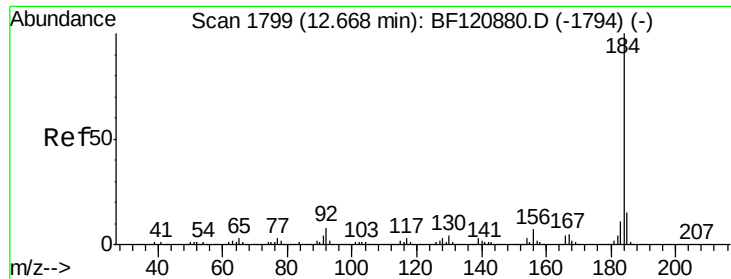


Abundance Ion 240.00 (239.70 to 240.70): E
 800000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 38.575 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

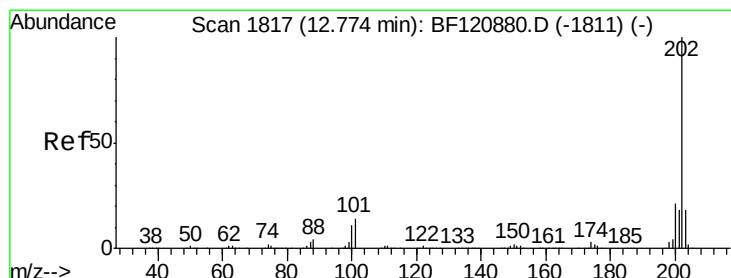
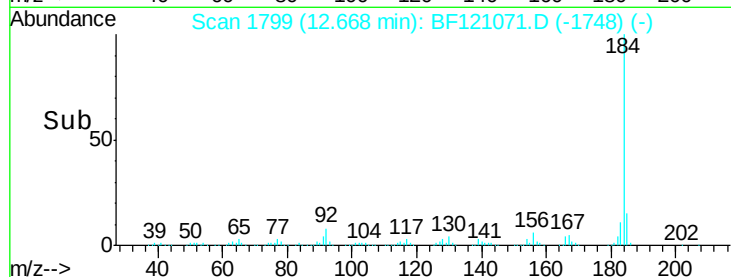
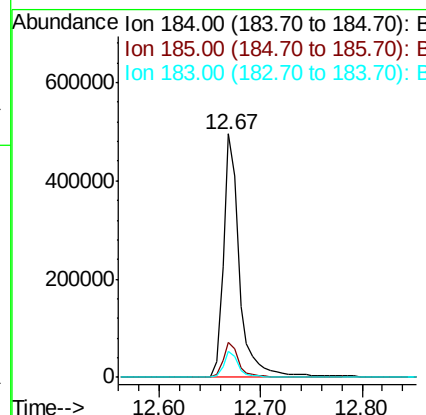
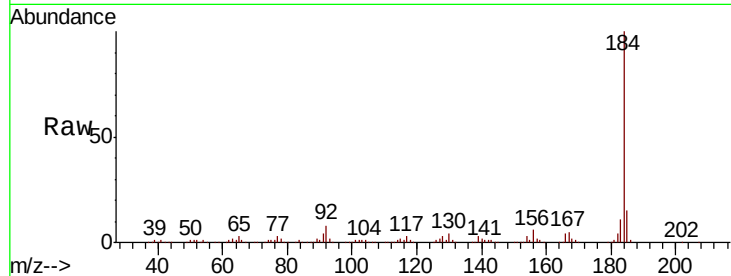
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	544006
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	10.7	8.5	12.7

Manual Integrations
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#78

Pyrene

Concen: 39.123 ng

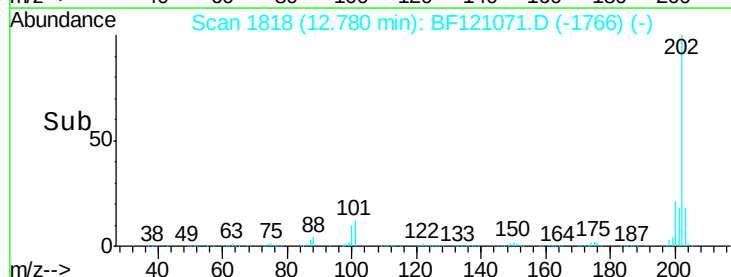
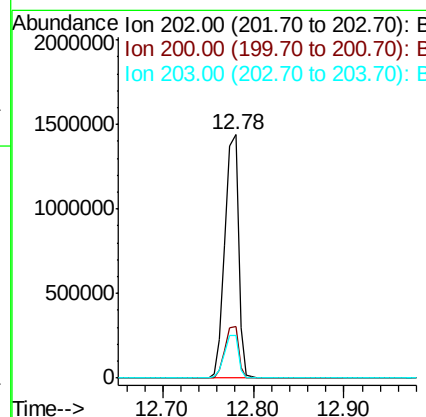
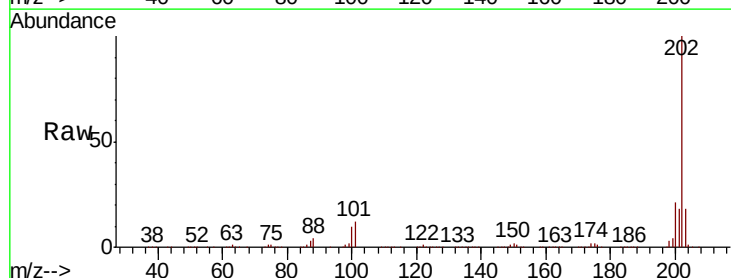
RT: 12.78 min Scan# 1818

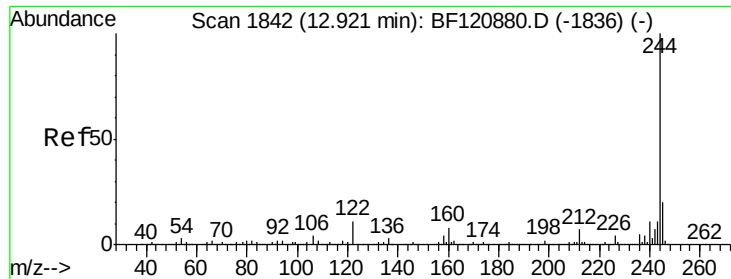
Delta R.T. 0.01 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Tgt Ion:	202	Resp:	1483630
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.8	14.4	21.6





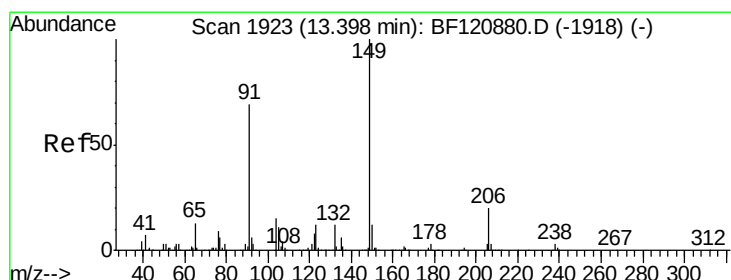
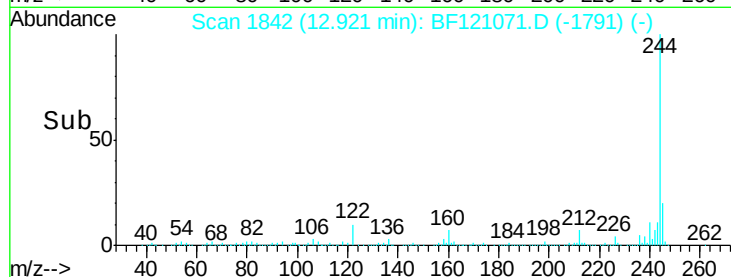
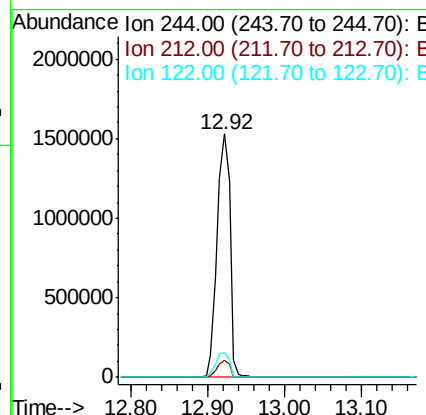
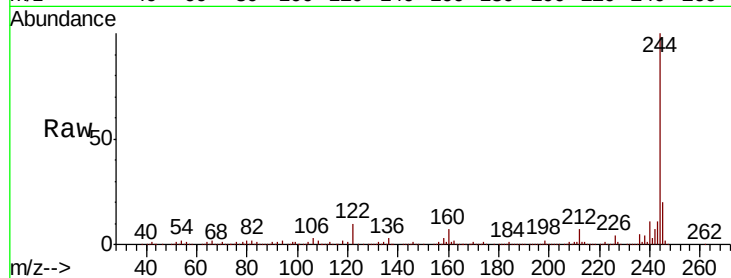
#79
Terphenyl-d14
Concen: 71.086 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.4	8.9	13.3

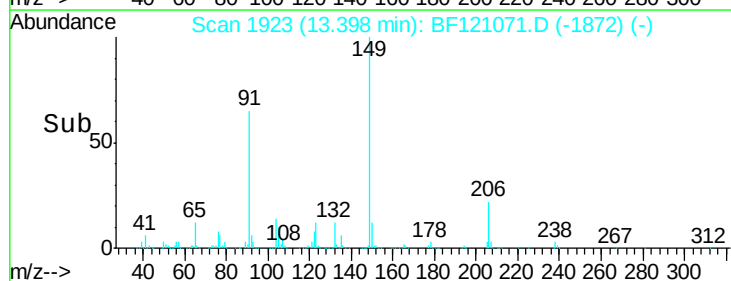
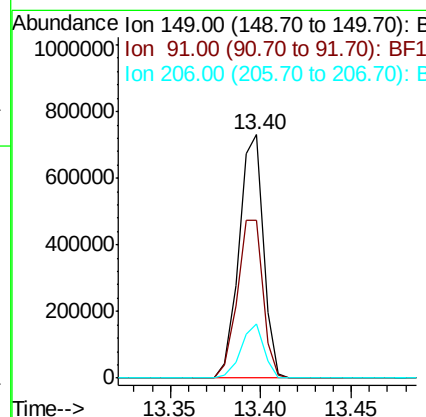
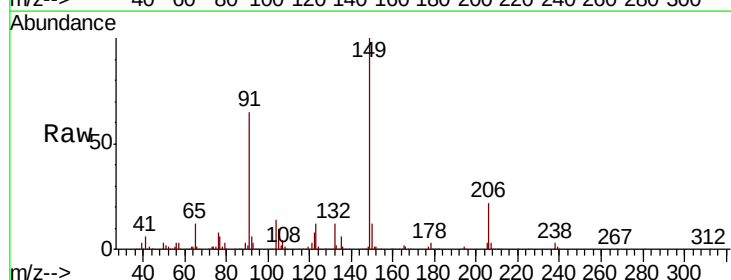
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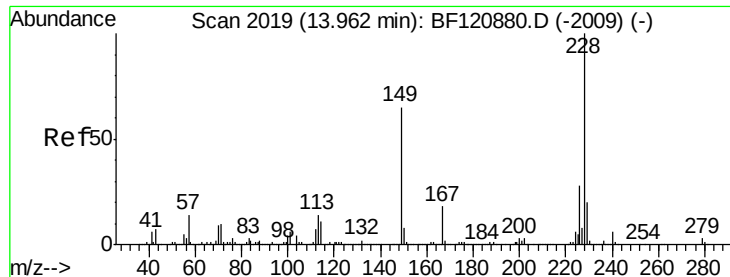
mohammad
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#80
Butylbenzylphthalate
Concen: 40.716 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.8	55.1	82.7
206	22.1	16.1	24.1





#81

Benzo(a)anthracene

Concen: 37.578 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1220564

Ion Ratio Lower Upper

228 100

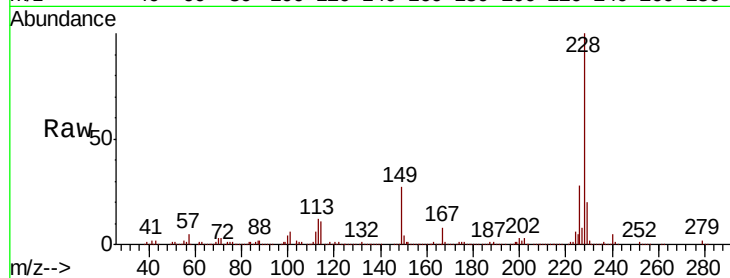
226 27.7 22.3 33.5

229 20.0 16.1 24.1

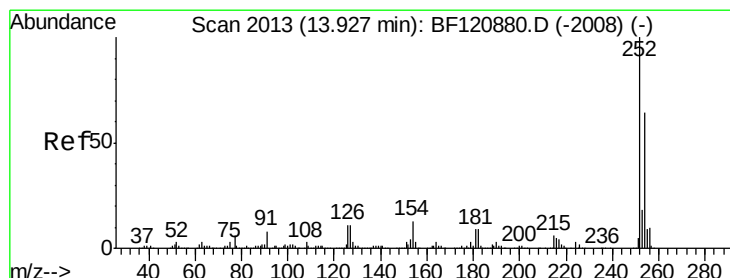
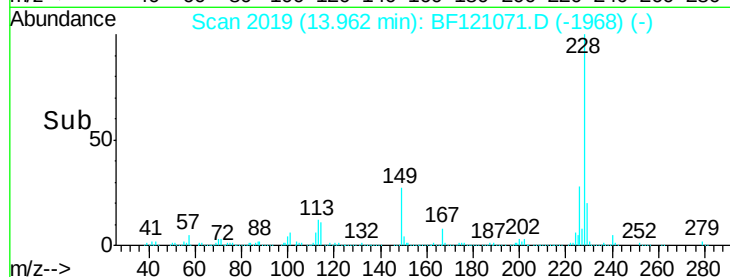
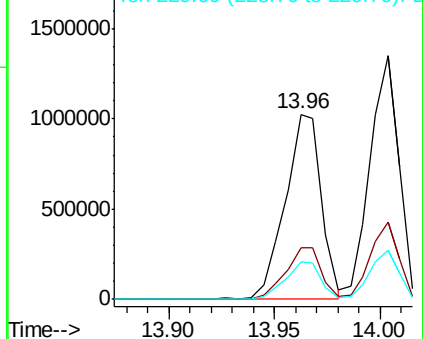
Manual Integrations
APPROVED

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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: 41.203 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

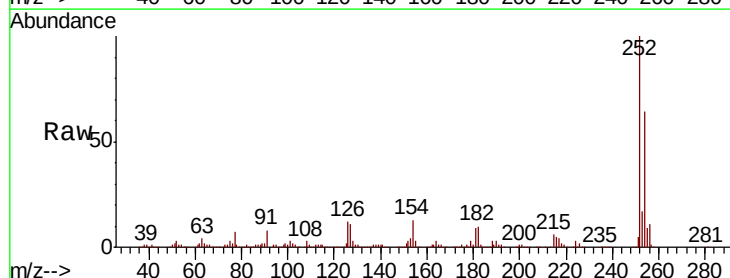
Tgt Ion:252 Resp: 504897

Ion Ratio Lower Upper

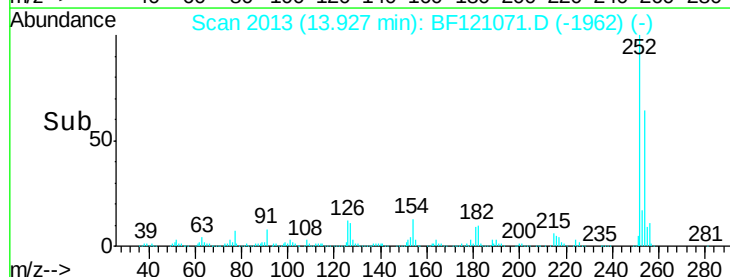
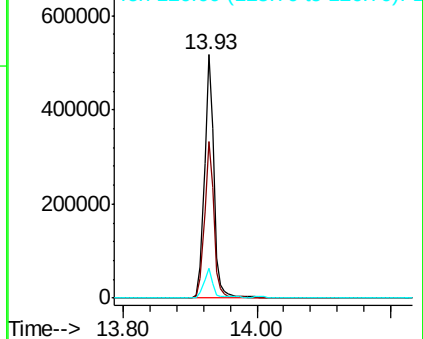
252 100

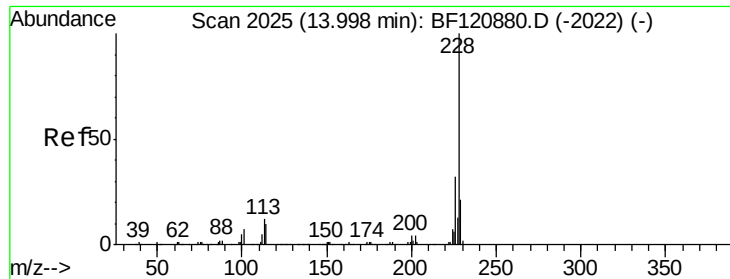
254 64.5 51.2 76.8

126 12.1 8.7 13.1



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





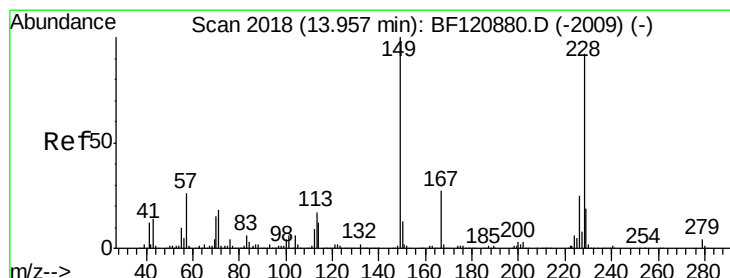
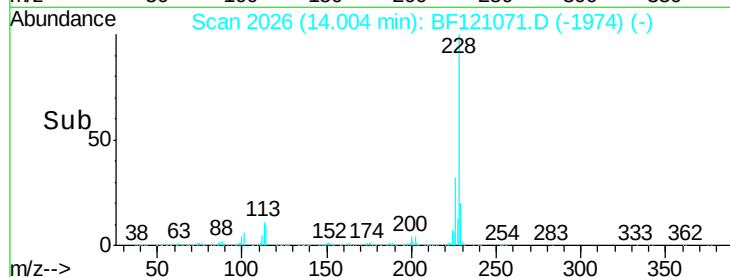
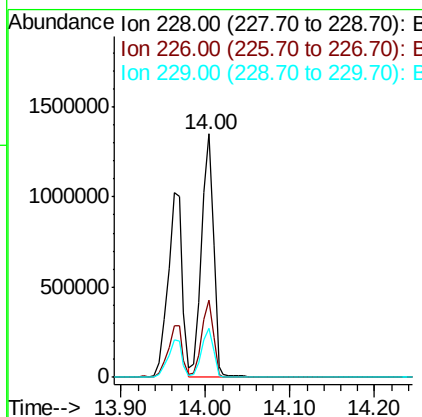
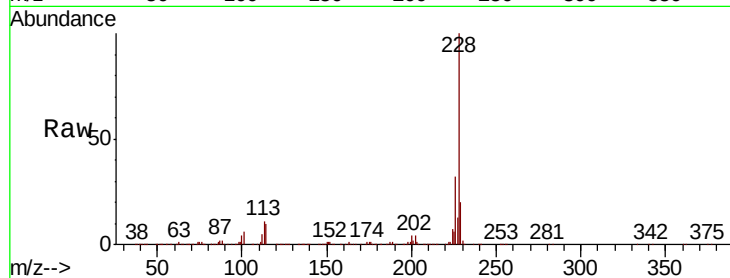
#83
Chrysene
Concen: 38.552 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1315910
Ion Ratio Lower Upper
228 100
226 31.9 25.6 38.4
229 20.3 16.8 25.2

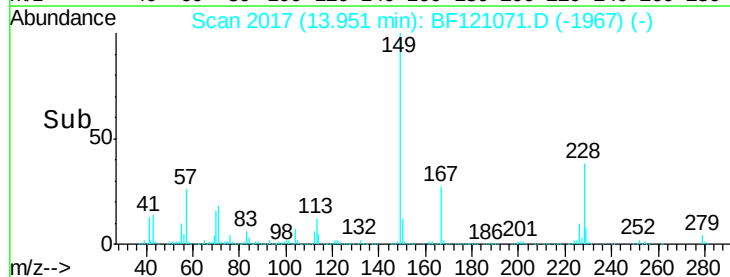
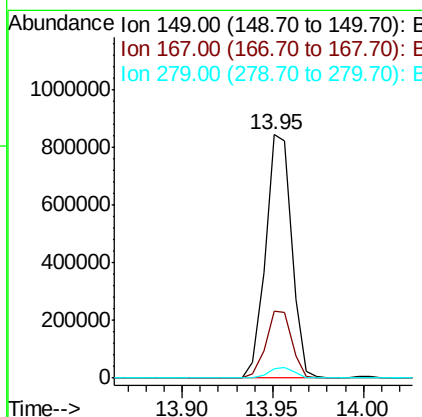
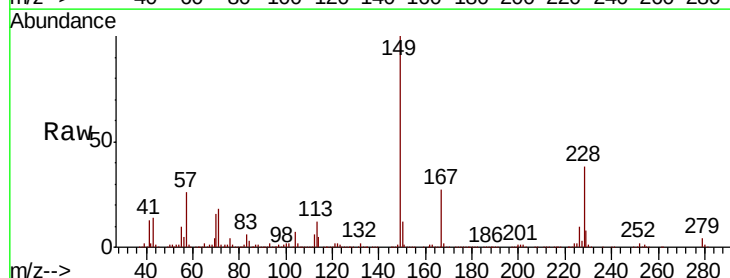
Manual Integrations
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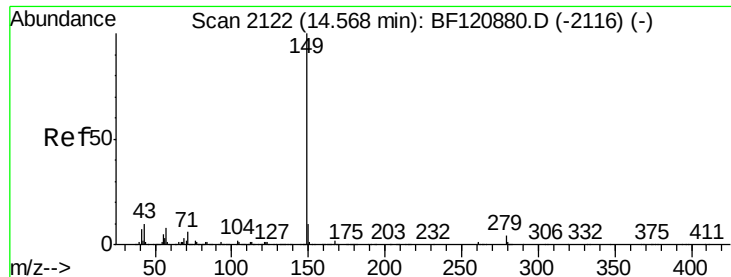
mohammad
7/29/2020 11:47:20 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.755 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion:149 Resp: 849591
Ion Ratio Lower Upper
149 100
167 27.3 21.9 32.9
279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 38.418 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1593314

Ion Ratio Lower Upper

149 100

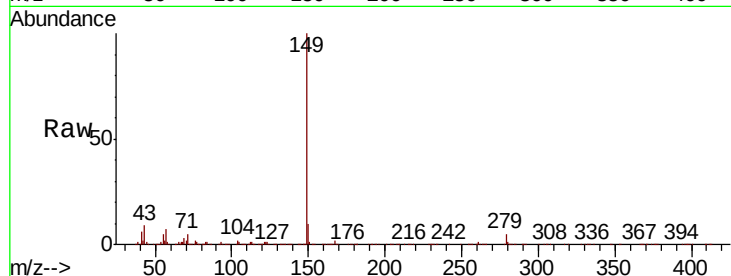
167 1.6 1.3 1.9

43 9.3 7.6 11.4

Manual Integrations
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mohammad

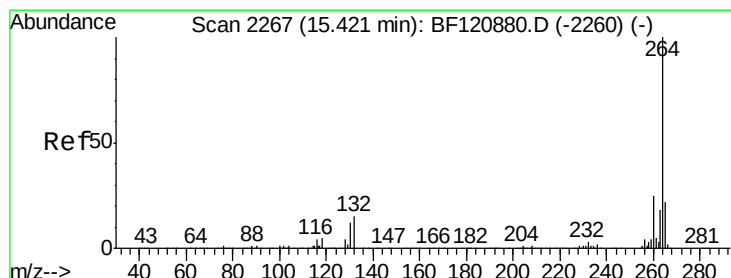
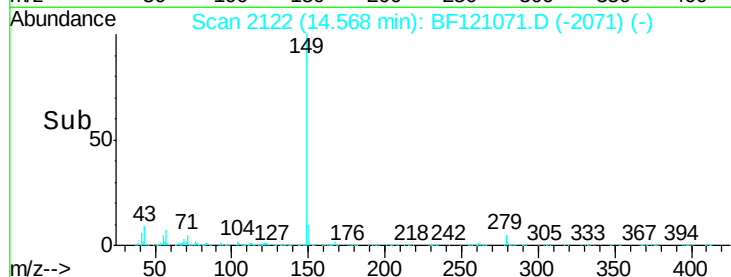
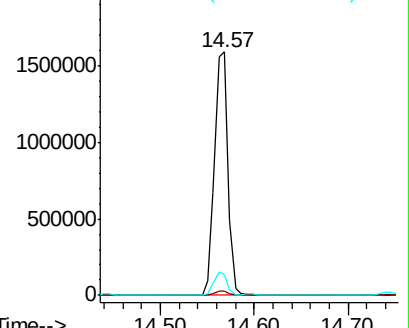
7/29/2020 11:47:20 AM



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# 2267

Delta R.T. -0.00 min

Lab File: BF121071.D

Acq: 28 Jul 2020 16:00

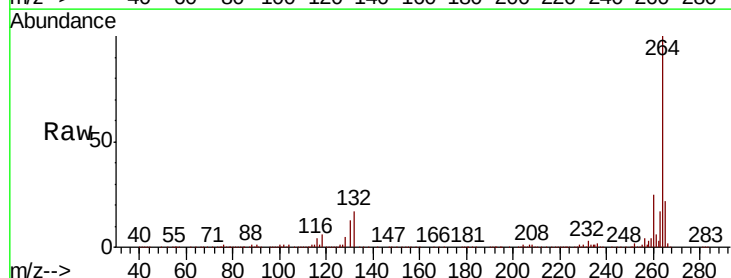
Tgt Ion:264 Resp: 562537

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

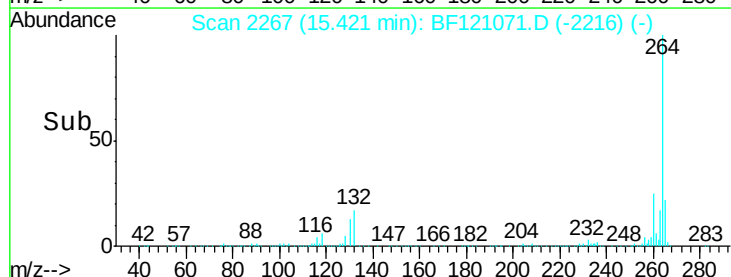
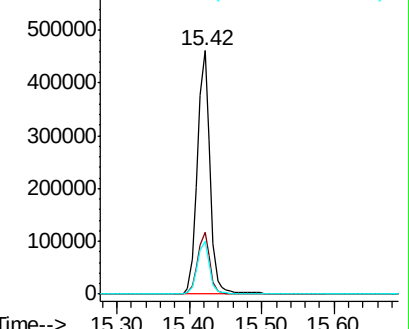
265 21.6 17.4 26.2

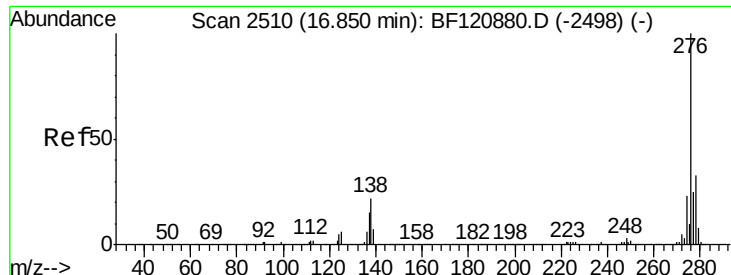


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





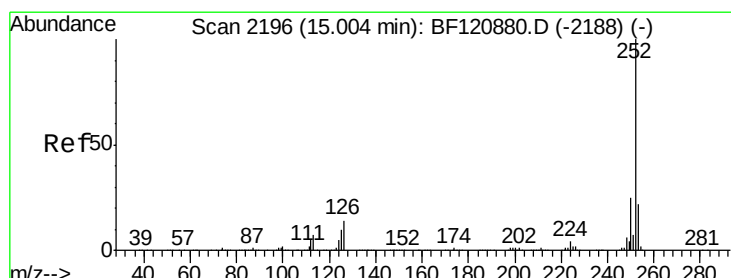
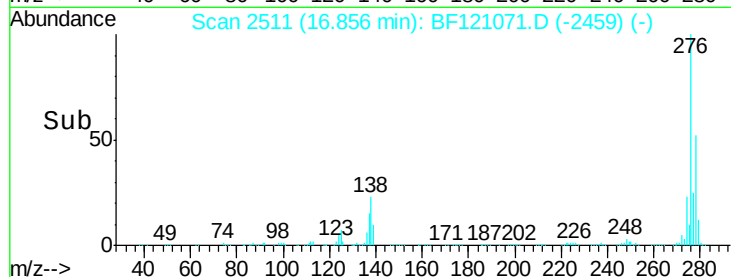
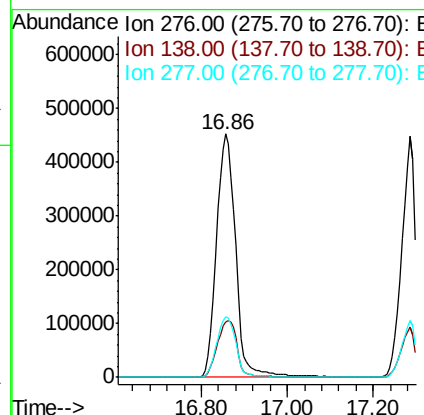
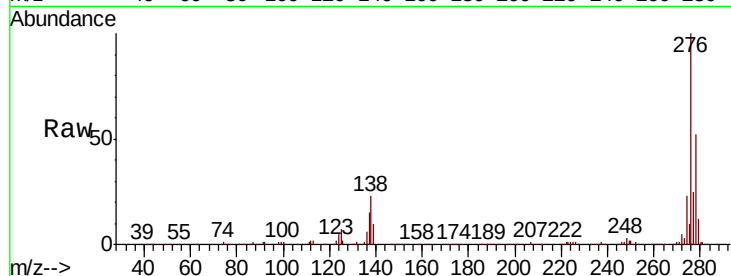
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.565 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.8	29.8
277	25.2	20.2	30.2

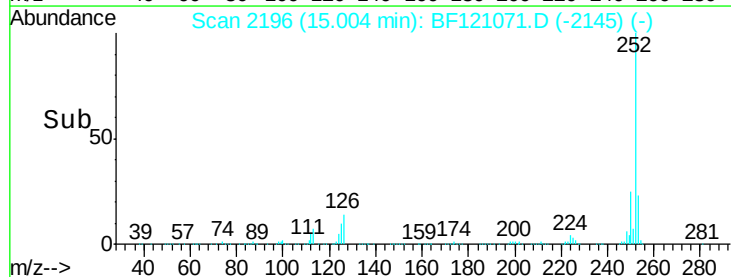
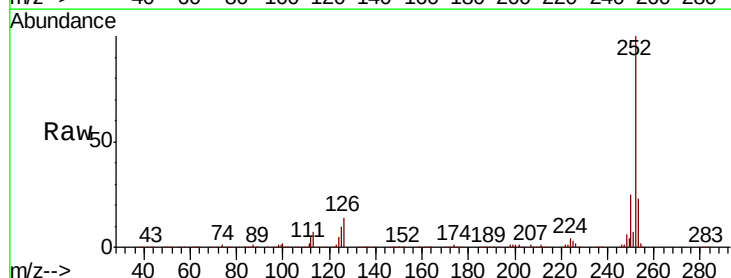
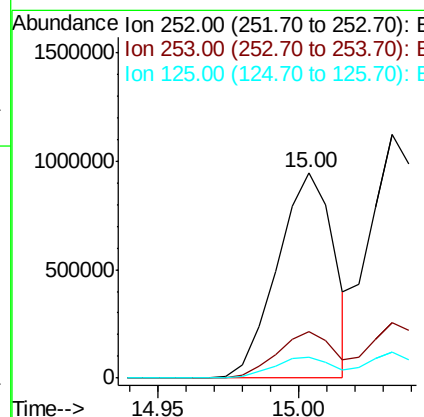
Manual Integrations
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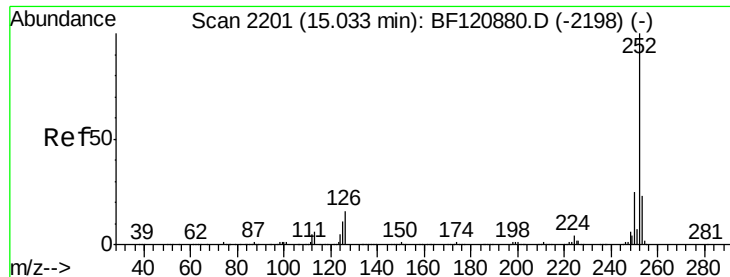
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.680 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121071.D
 Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.3	8.3	12.5





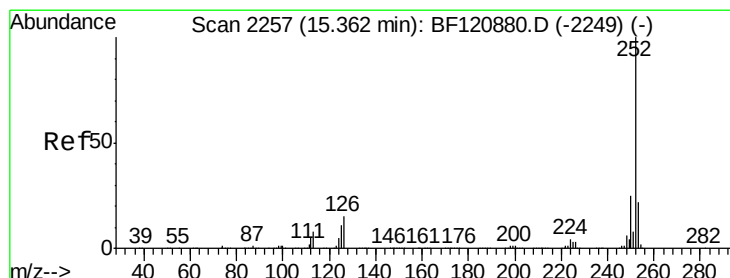
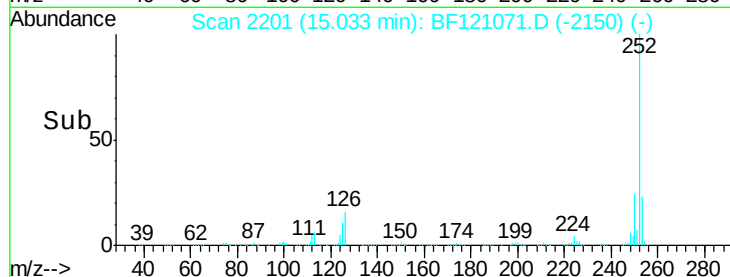
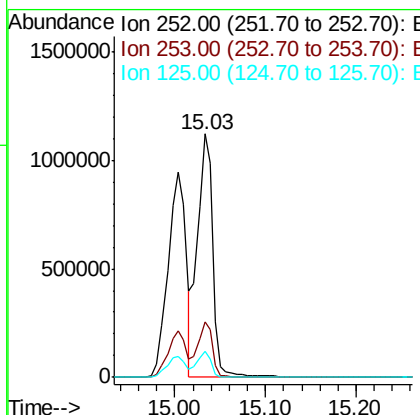
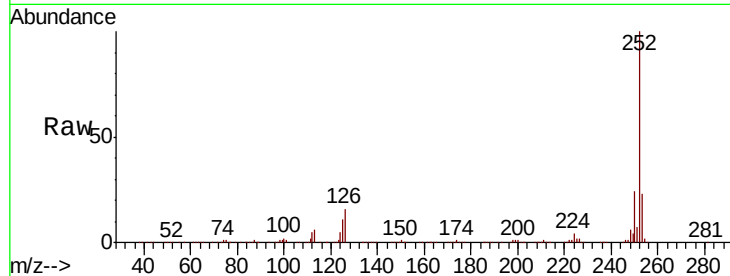
#89
Benzo(k)fluoranthene
Concen: 42.549 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.9	8.4	12.6

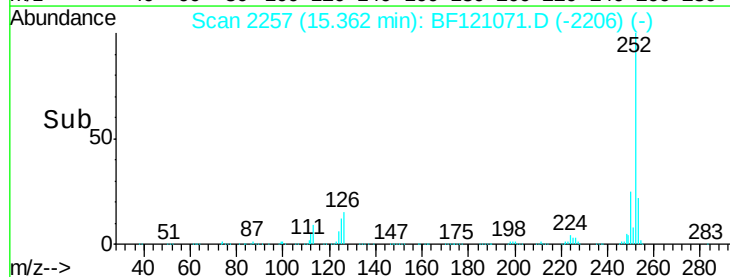
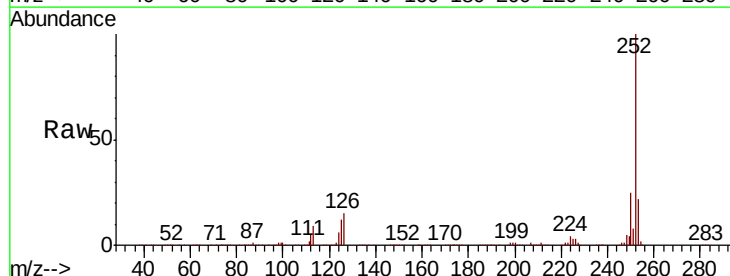
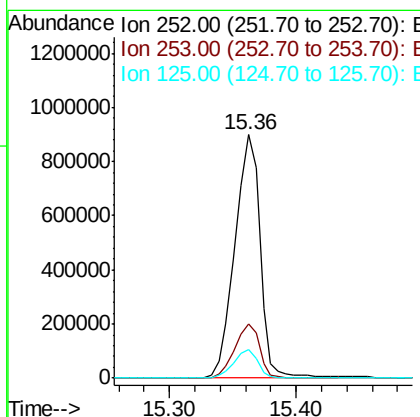
Manual Integrations
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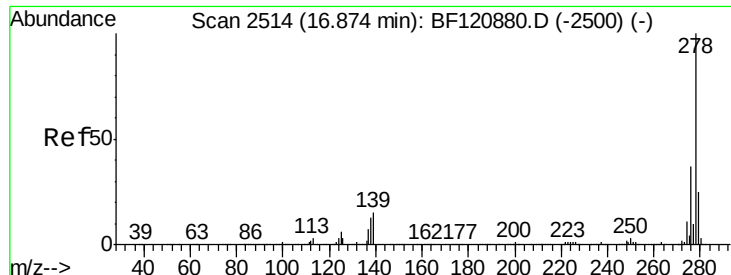
mohammad
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#90
Benzo(a)pyrene
Concen: 39.913 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.5	8.9	13.3





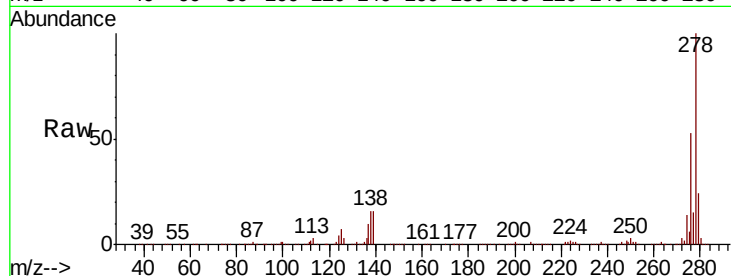
#91
Dibenzo(a,h)anthracene
Concen: 36.052 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

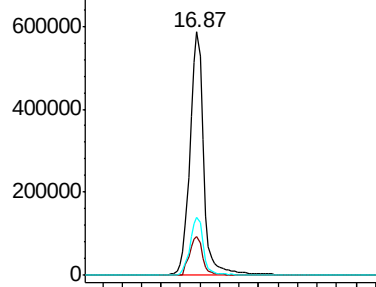
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.3	18.5
279	23.9	20.1	30.1

Manual Integrations
APPROVED

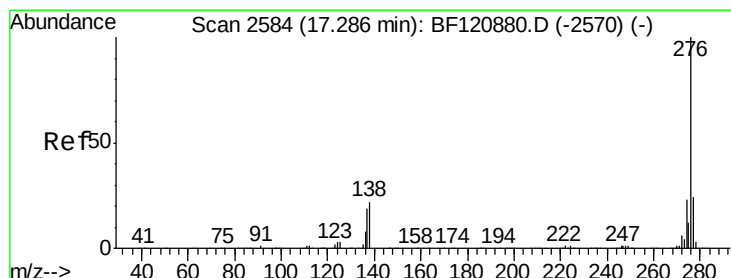
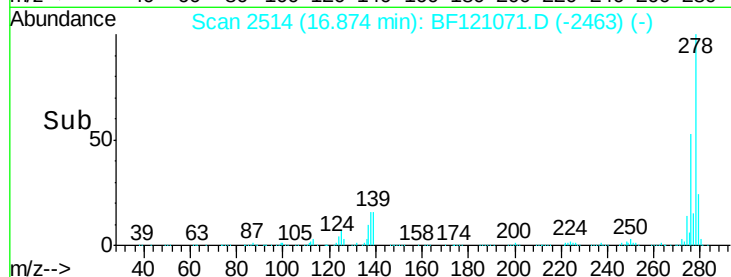
mohammad
7/29/2020 11:47:20 AM



Abundance Ion 278.00 (277.70 to 278.70): E
800000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



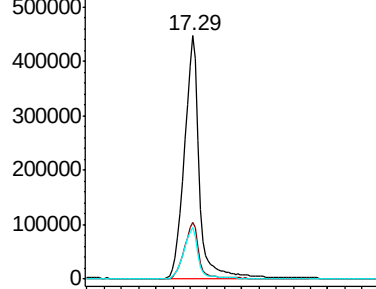
Time-->



#92
Benzo(g,h,i)perylene
Concen: 34.123 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.00 min
Lab File: BF121071.D
Acq: 28 Jul 2020 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.2	17.5	26.3

Abundance Ion 276.00 (275.70 to 276.70): E
600000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

