

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081020\
 Data File : BF121234.D
 Acq On : 10 Aug 2020 12:47
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/12/2020 10:50:01 AM

Quant Time: Aug 10 17:16:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	127796	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	428866	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	211574	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	384603	20.00	ng	0.00
76) Chrysene-d12	13.97	240	287391	20.00	ng	0.00
86) Perylene-d12	15.42	264	288074	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	620925	79.65	ng	0.00
7) Phenol-d6	6.44	99	742075	73.69	ng	0.00
23) Nitrobenzene-d5	7.36	82	614481	82.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	186520	80.54	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1078770	76.13	ng	0.00
79) Terphenyl-d14	12.91	244	1115569	84.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	146948	40.958	ng	99
3) Pyridine	3.23	79	361605	37.888	ng	99
4) n-Nitrosodimethylamine	3.19	42	148310	36.340	ng	97
6) Aniline	6.46	93	441775	33.609	ng	98
8) 2-Chlorophenol	6.59	128	330309	38.463	ng	100
9) Benzaldehyde	6.35	77	186768	37.697	ng	98
10) Phenol	6.45	94	397377	35.874	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	313754	36.959	ng	98
12) 1,3-Dichlorobenzene	6.74	146	368273	39.548	ng	99
13) 1,4-Dichlorobenzene	6.82	146	366536	39.584	ng	99
14) 1,2-Dichlorobenzene	6.97	146	342926	39.147	ng	99
15) Benzyl Alcohol	6.95	79	244162	34.286	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	450098	36.784	ng	95
17) 2-Methylphenol	7.06	107	273853	35.978	ng	99
18) Hexachloroethane	7.31	117	133571	39.855	ng	93
19) n-Nitroso-di-n-propylamine	7.21	70	192790	33.669	ng	95
20) 3+4-Methylphenols	7.21	107	326373	33.707	ng	# 84
22) Acetophenone	7.21	105	391074	40.631	ng	# 97
24) Nitrobenzene	7.38	77	325113	40.698	ng	96
25) Isophorone	7.62	82	560020	37.859	ng	99
26) 2-Nitrophenol	7.70	139	166047	43.766	ng	100
27) 2,4-Dimethylphenol	7.74	122	243192	39.480	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	365043	40.428	ng	99
29) 2,4-Dichlorophenol	7.95	162	257804	40.957	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	295172	42.267	ng	99
31) Naphthalene	8.10	128	876124	39.826	ng	99
32) Benzoic acid	7.86	122	121908m	26.364	ng	
33) 4-Chloroaniline	8.15	127	378550	38.574	ng	98
34) Hexachlorobutadiene	8.22	225	173829	42.224	ng	98
35) Caprolactam	8.53	113	74401	36.859	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	255988	39.654	ng	97
37) 2-Methylnaphthalene	8.79	142	568011	39.766	ng	100
38) 1-Methylnaphthalene	8.89	142	537475	39.730	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	270687	43.912	ng	98

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Instrument :
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 ClientSampled :
 SSTDC0040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	127037	37.288	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	166634	38.393	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	191790	38.956	nq	97
46) 1,1'-Biphenyl	9.26	154	671264	41.593	nq	98
47) 2-Chloronaphthalene	9.29	162	544438	41.377	nq	100
48) 2-Nitroaniline	9.39	65	166082	41.766	nq	94
49) Acenaphthylene	9.70	152	825936	40.405	nq	99
50) Dimethylphthalate	9.56	163	617705	40.469	nq	99
51) 2,6-Dinitrotoluene	9.63	165	136338	41.576	nq	90
52) Acenaphthene	9.87	154	488186	37.564	nq	100
53) 3-Nitroaniline	9.80	138	158825	38.617	nq	99
54) 2,4-Dinitrophenol	9.91	184	52949	32.489	nq	# 89
55) Dibenzofuran	10.05	168	741135	39.436	nq	97
56) 4-Nitrophenol	9.97	139	110912	35.501	nq	92
57) 2,4-Dinitrotoluene	10.03	165	176878	41.073	nq	93
58) Fluorene	10.39	166	570482	40.700	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	137733	36.743	nq	98
60) Diethylphthalate	10.26	149	610104	39.517	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	291837	39.036	nq	99
62) 4-Nitroaniline	10.41	138	156600	39.089	nq	98
63) Azobenzene	10.54	77	575221	39.136	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	81048	37.339	nq	93
66) n-Nitrosodiphenylamine	10.50	169	508569	42.034	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	188419	43.941	nq	94
68) Hexachlorobenzene	10.94	284	199839	43.083	nq	98
69) Atrazine	11.02	200	118635	39.593	nq	98
70) Pentachlorophenol	11.14	266	88135	33.167	nq	98
71) Phenanthrene	11.35	178	807802	40.839	nq	99
72) Anthracene	11.40	178	834707	42.025	nq	99
73) Carbazole	11.56	167	802269	40.701	nq	99
74) Di-n-butylphthalate	11.89	149	952289	41.864	nq	99
75) Fluoranthene	12.54	202	866975	39.543	nq	99
77) Benzidine	12.66	184	231741	30.670	nq	98
78) Pyrene	12.77	202	888204	43.714	nq	99
80) Butylbenzylphthalate	13.38	149	387650	42.797	nq	95
81) Benzo(a)anthracene	13.96	228	755963	43.439	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	269977	41.120	nq	99
83) Chrysene	13.99	228	739095	40.413	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	529279	47.387	nq	100
85) Di-n-octyl phthalate	14.55	149	877119	39.472	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	858693	42.861	nq	100
88) Benzo(b)fluoranthene	15.00	252	701401	40.280	nq	99
89) Benzo(k)fluoranthene	15.03	252	726335	45.737	nq	99
90) Benzo(a)pyrene	15.36	252	684665	43.096	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	704507	43.049	nq	99
92) Benzo(g,h,i)perylene	17.29	276	705036	43.693	nq	99

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

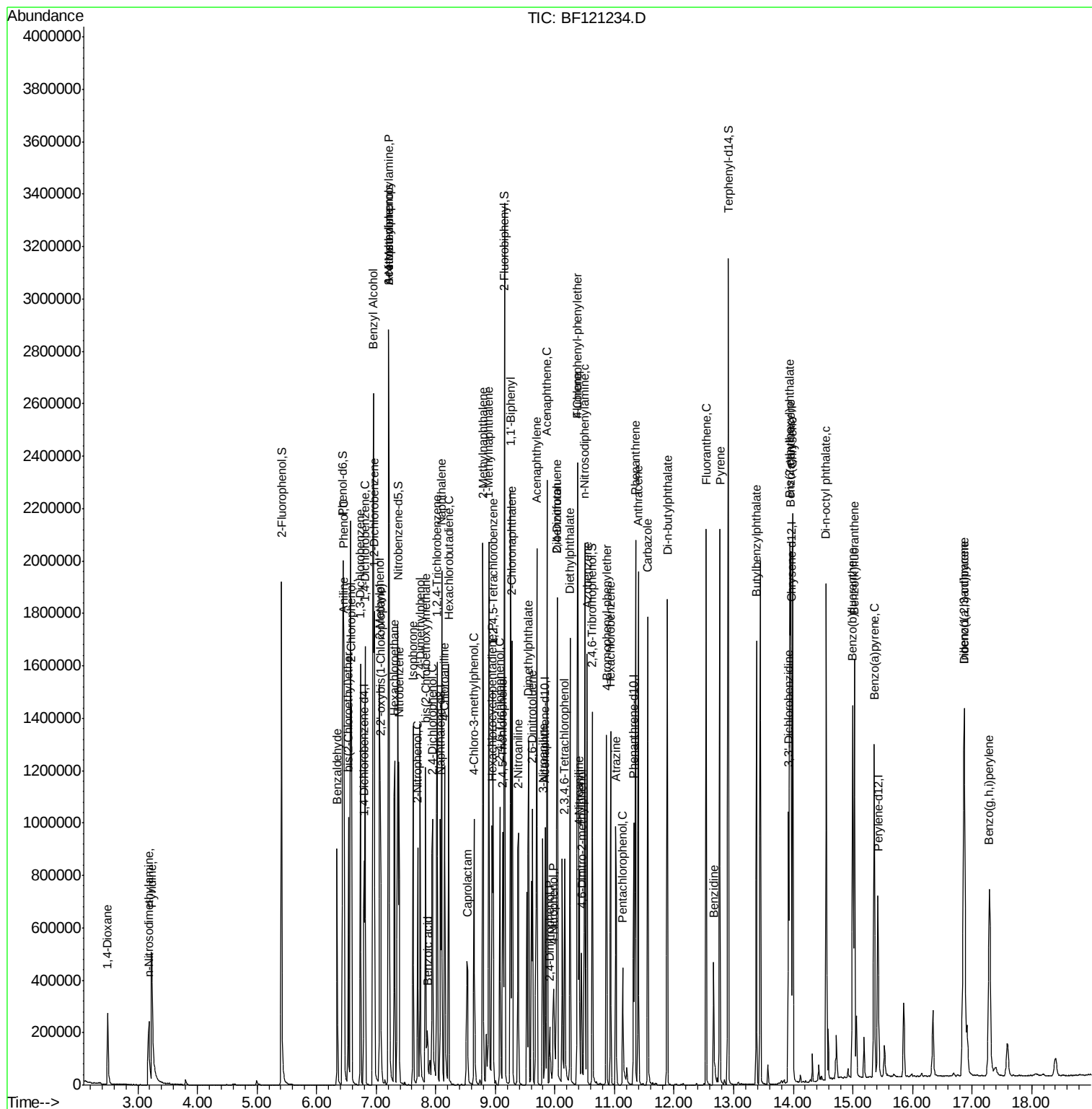
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081020\
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 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

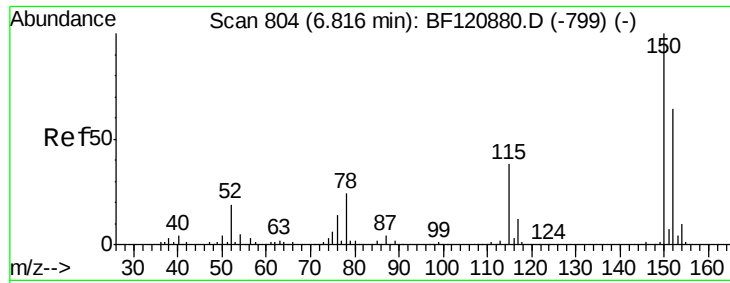
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

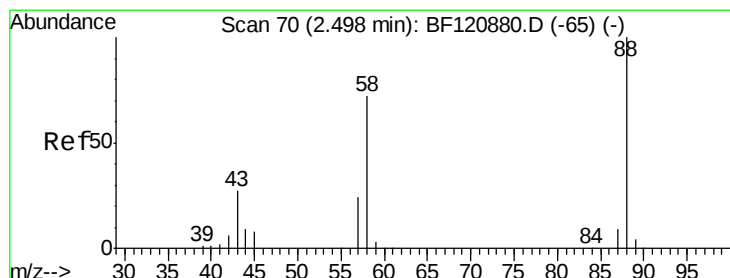
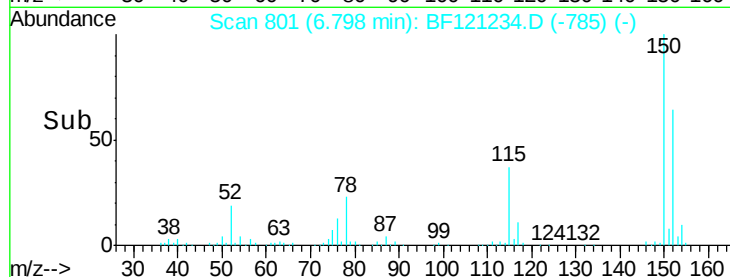
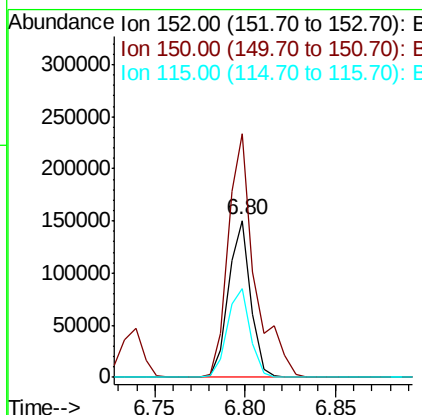
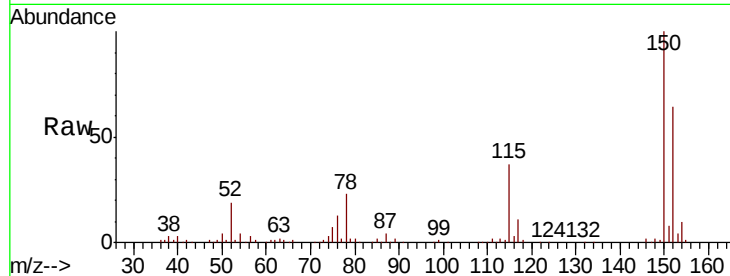
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	56.8	46.2	69.2

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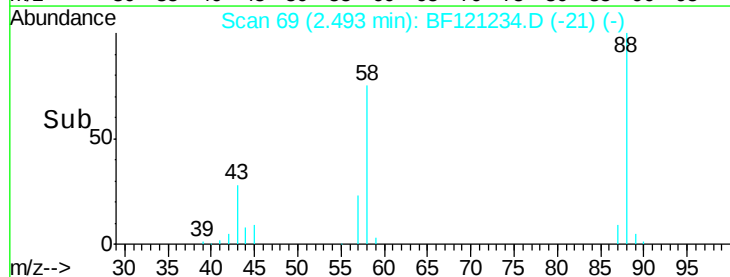
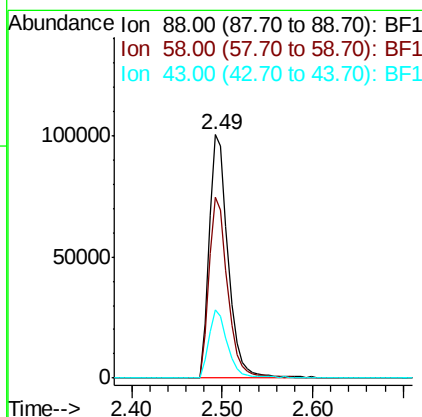
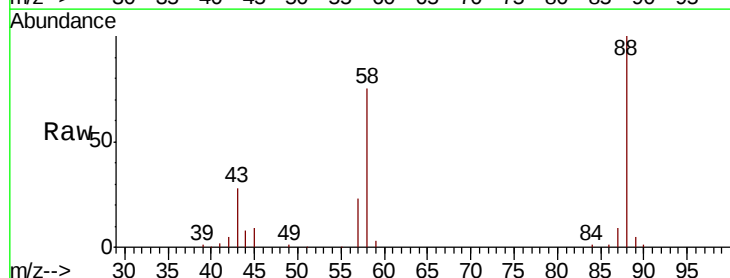
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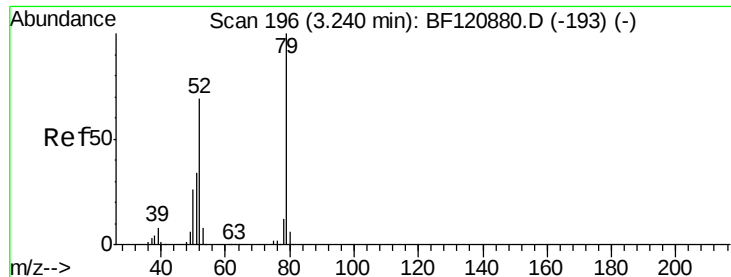


#2

1,4-Dioxane
Concen: 40.958 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.02 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	58.2	87.4
43	28.0	21.3	31.9





#3

Pvridine

Concen: 37.888 ng

RT: 3.23 min Scan# 195

Delta R.T. -0.02 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

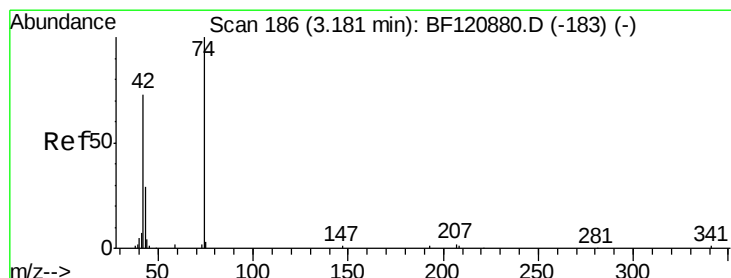
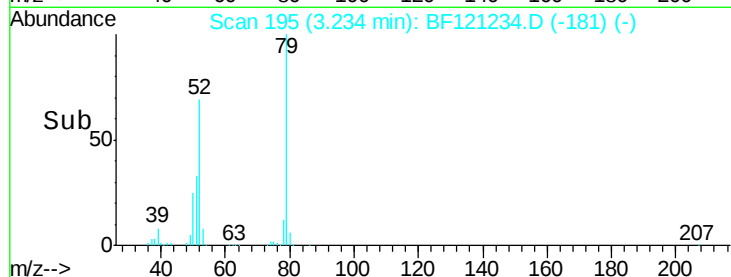
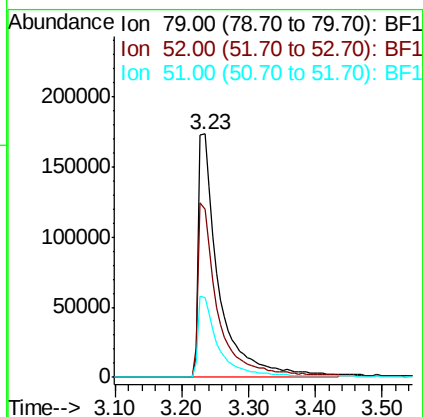
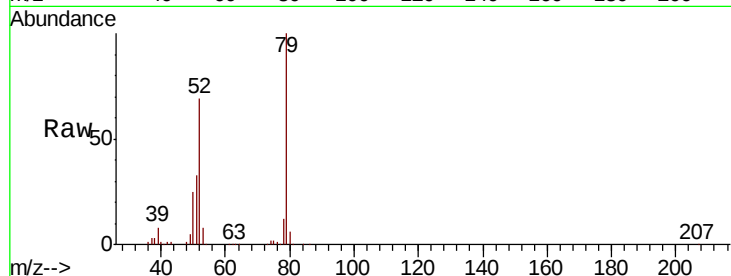
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	361605
Ion	Ratio	Lower	Upper
79	100		
52	68.9	54.9	82.3
51	32.9	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 36.340 ng

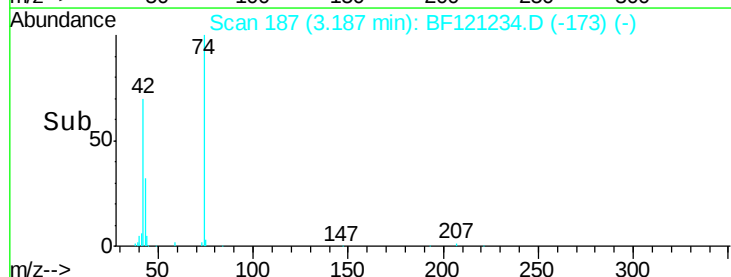
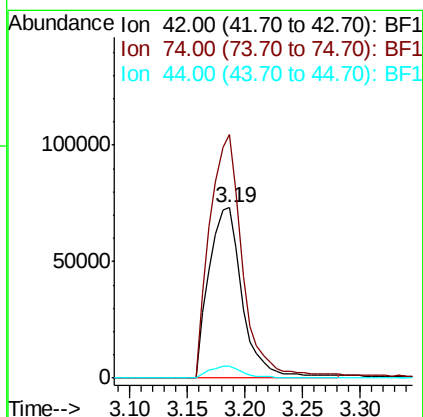
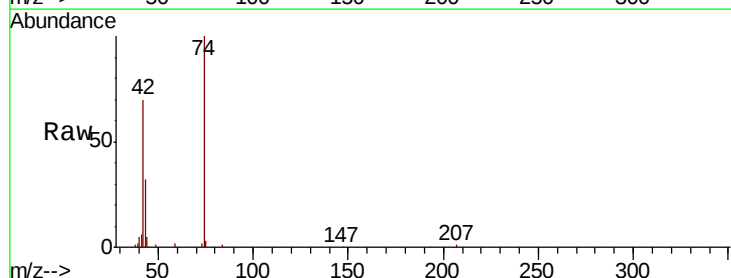
RT: 3.19 min Scan# 187

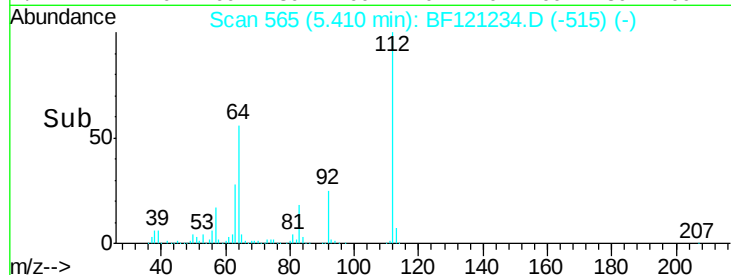
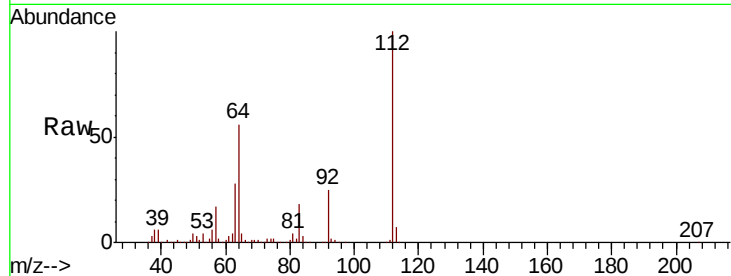
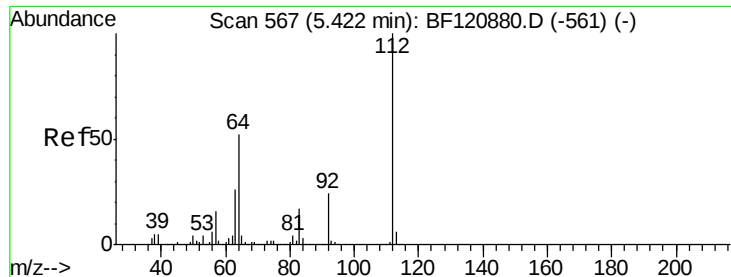
Delta R.T. -0.02 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	42	Resp:	148310
Ion	Ratio	Lower	Upper
42	100		
74	142.8	117.3	175.9
44	7.0	5.9	8.9





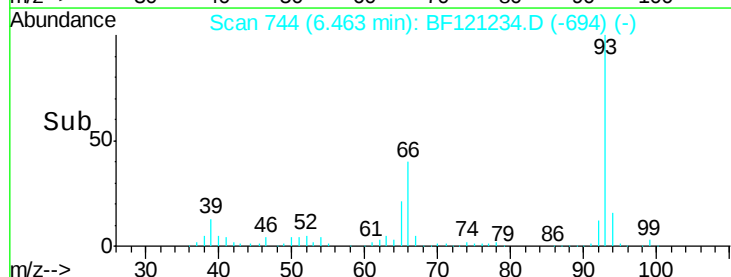
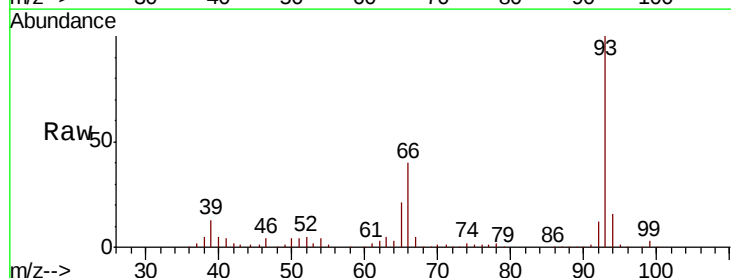
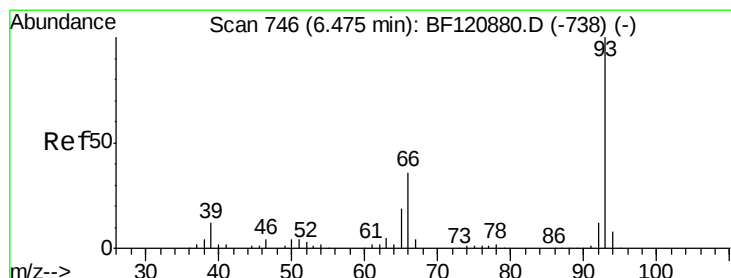
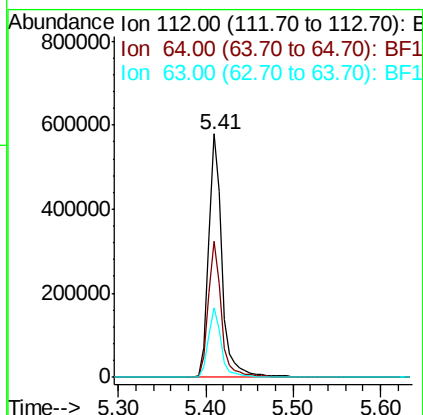
#5
2-Fluorophenol
Concen: 79.652 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.0	43.9	65.9
63	28.4	22.7	34.1

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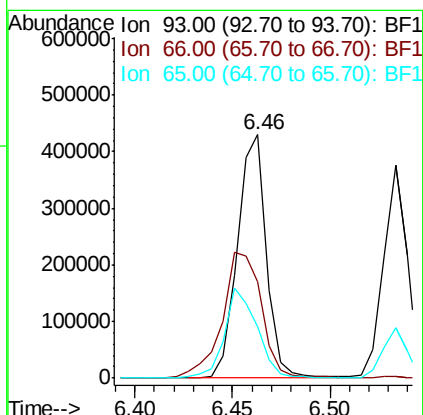
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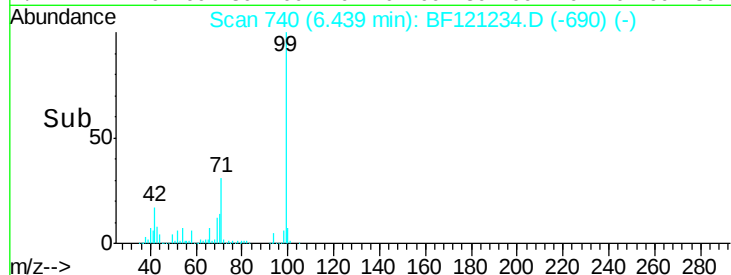
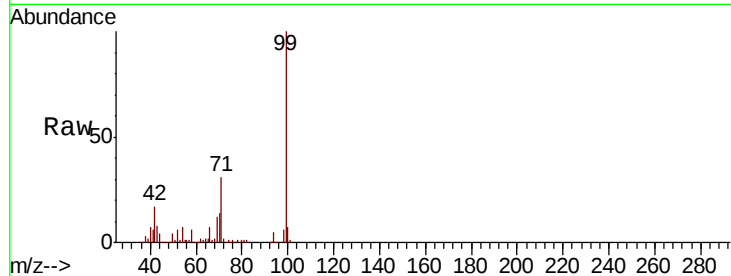
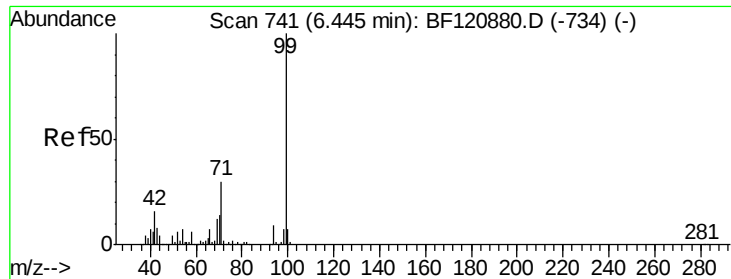
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#6
Aniline
Concen: 33.609 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.5	31.0	46.4
65	21.3	16.2	24.4





#7

Phenol-d6

Concen: 73.693 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tot Ion:	99	Resp:	742075
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.5	20.3
71	30.8	25.0	37.4

Instrument :

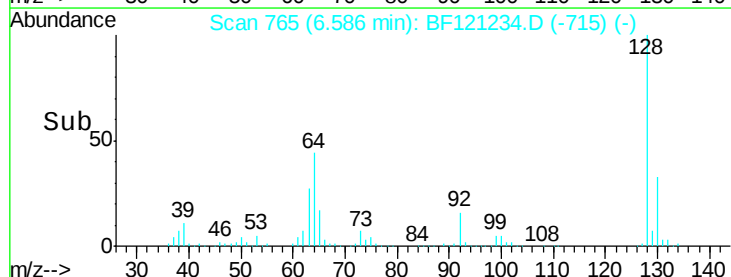
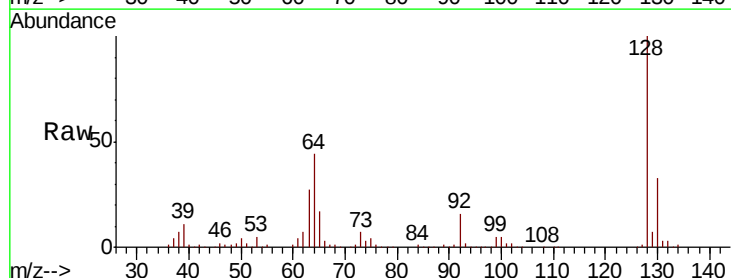
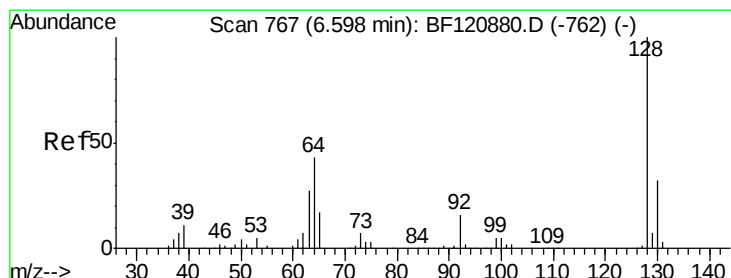
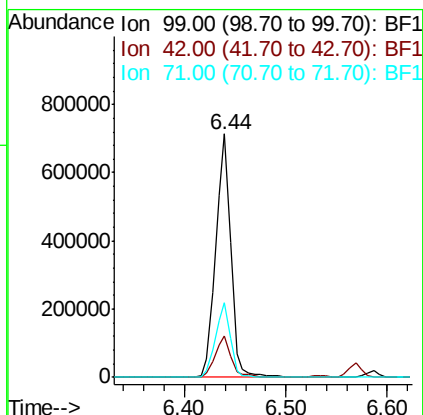
BNA_F

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SSTDCCC040

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#8

2-Chlorophenol

Concen: 38.463 ng

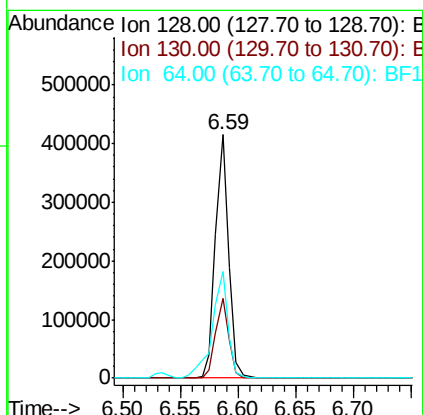
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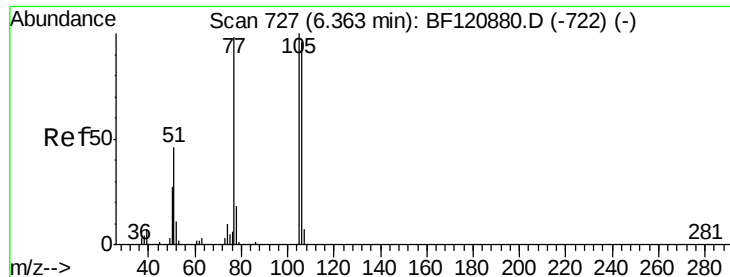
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	128	Resp:	330309
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.7	52.7
64	43.6	23.8	63.8





#9

Benzaldehyde

Concen: 37.697 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

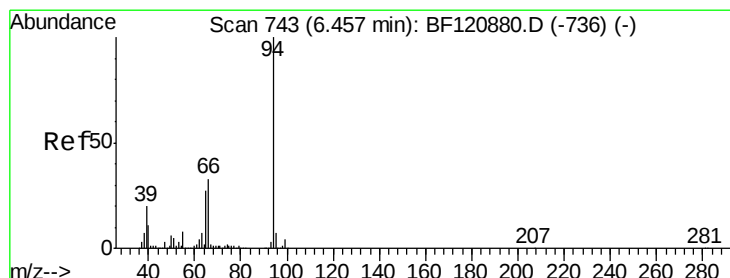
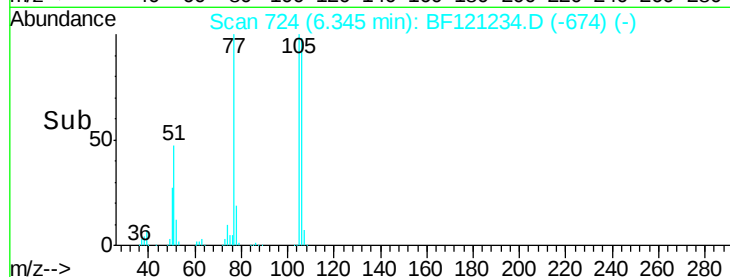
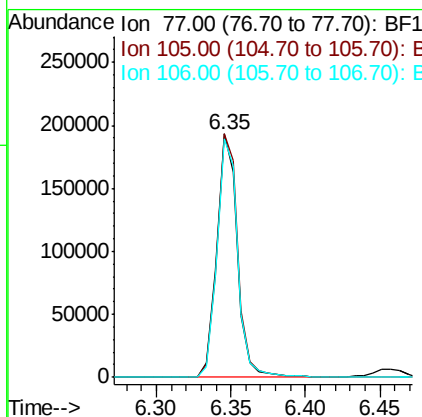
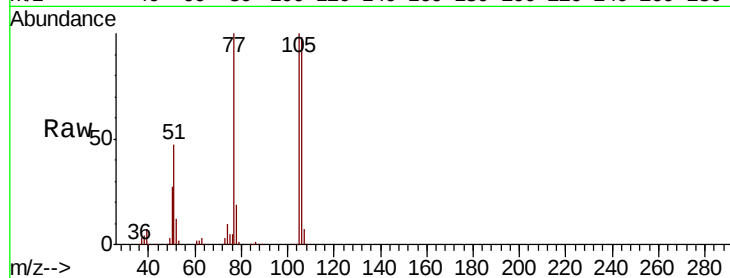
ClientSampleId :

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Tot Ion:	77	Resp:	186768
Ion	Ratio	Lower	Upper
77	100		
105	100.0	82.4	122.4
106	97.8	78.9	118.9

Manual Integrations
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#10

Phenol

Concen: 35.874 ng

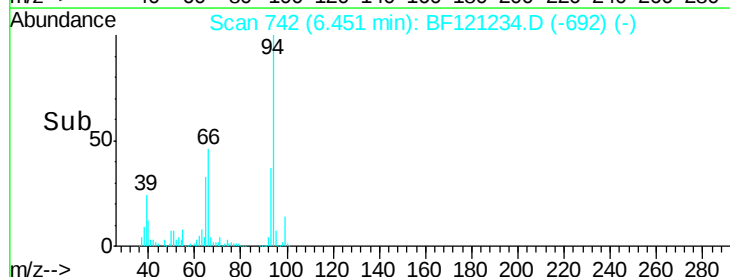
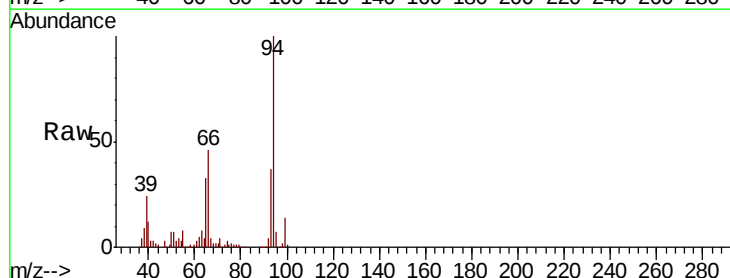
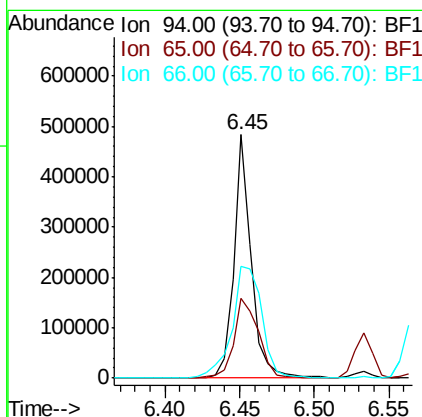
RT: 6.45 min Scan# 742

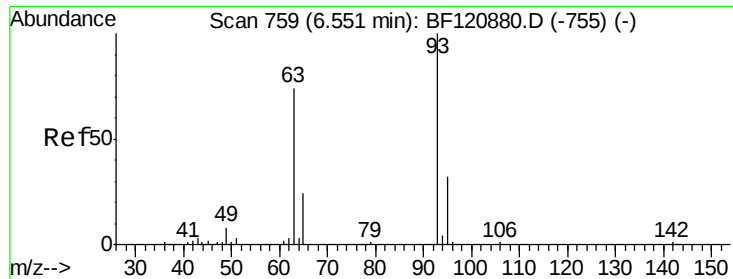
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	94	Resp:	397377
Ion	Ratio	Lower	Upper
94	100		
65	32.7	12.6	52.6
66	46.1	25.6	65.6





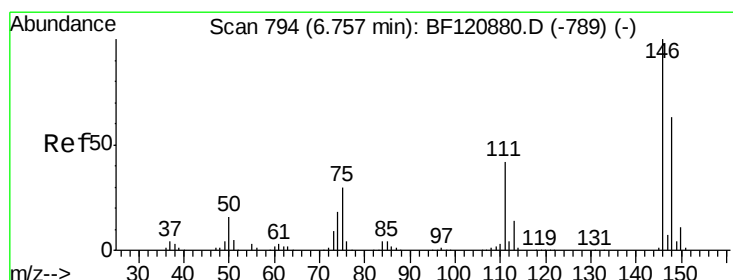
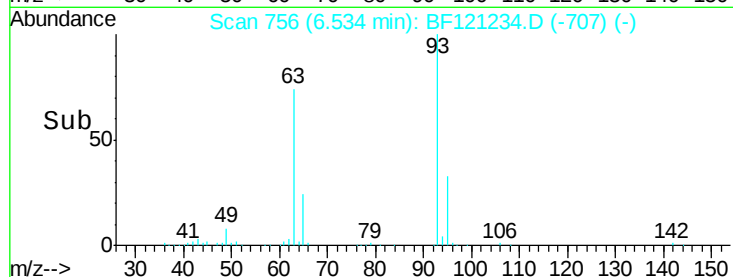
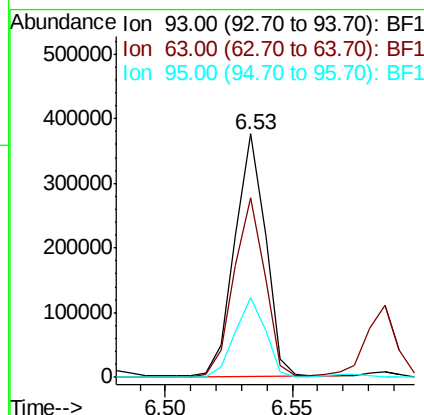
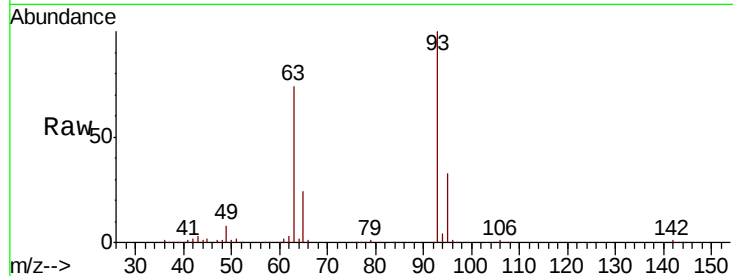
#11
bis(2-Chloroethyl)ether
Concen: 36.959 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	313754
Ion	Ratio	Lower	Upper
93	100		
63	74.0	51.9	91.9
95	32.7	13.2	53.2

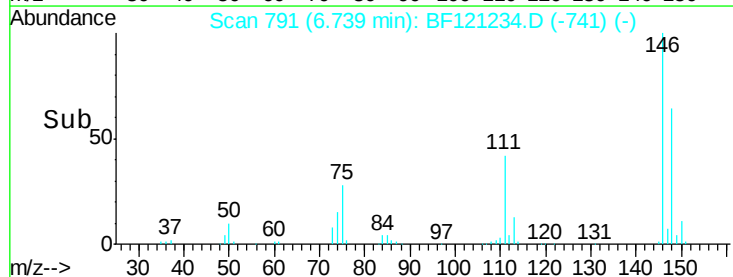
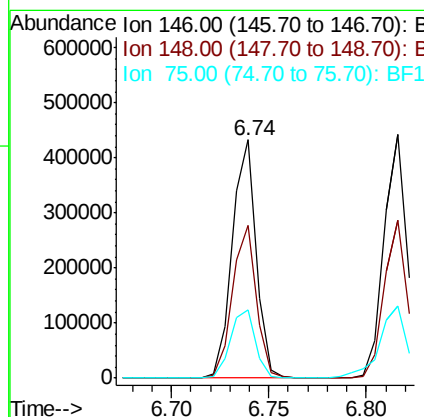
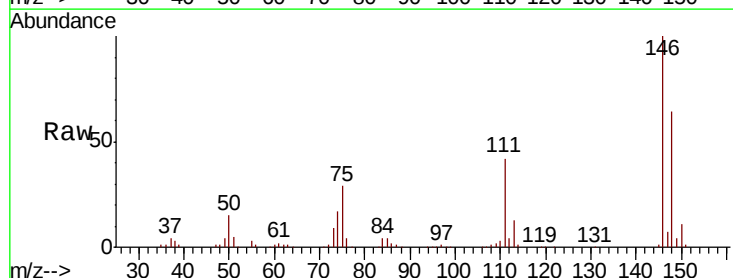
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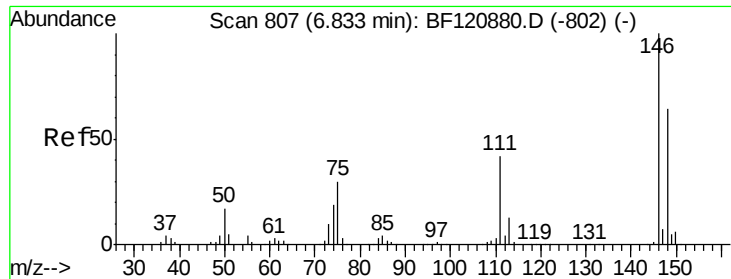
mohammad
8/12/2020 10:50:01 AM



#12
1,3-Dichlorobenzene
Concen: 39.548 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion:	146	Resp:	368273
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
75	28.9	23.8	35.6





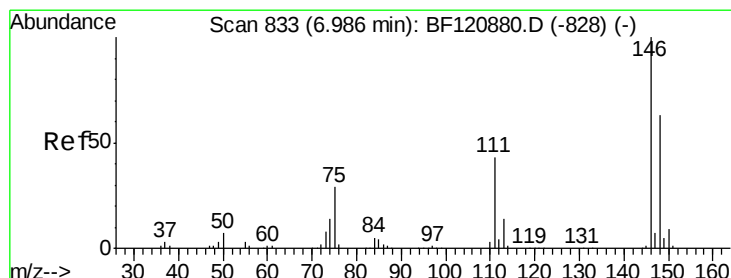
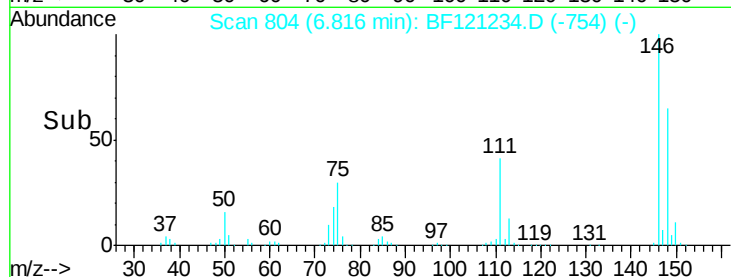
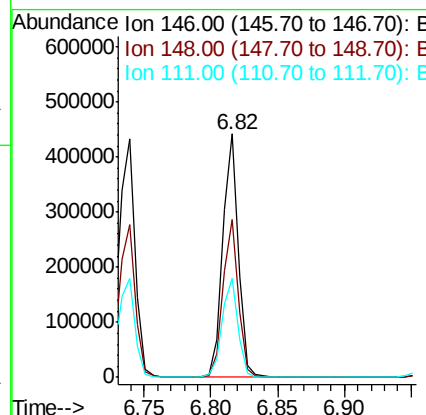
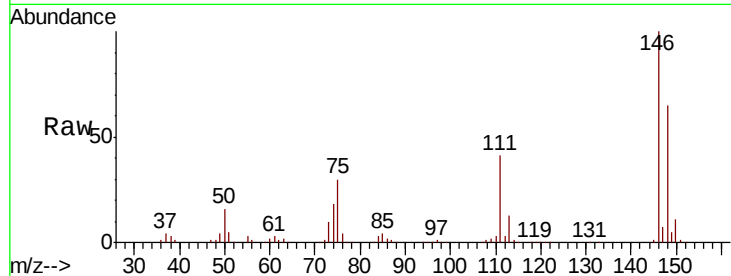
#13
1,4-Dichlorobenzene
Concen: 39.584 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
111	40.9	32.8	49.2

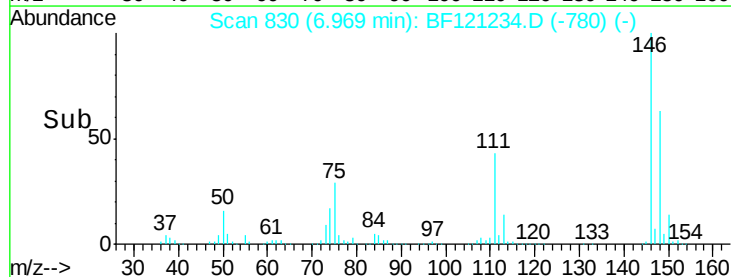
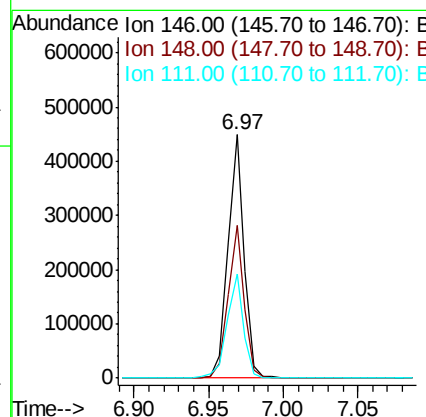
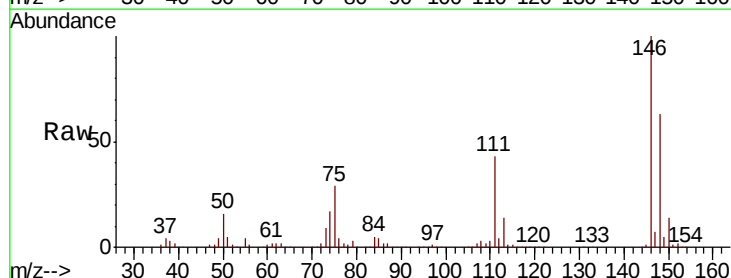
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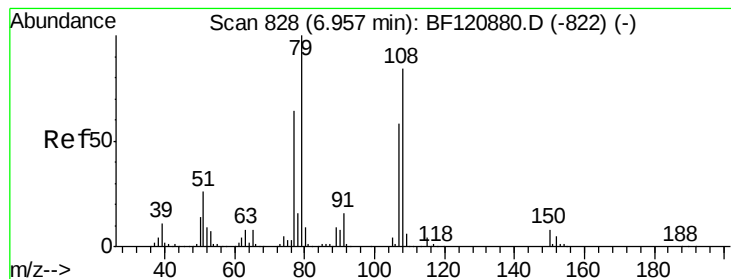
mohammad
8/12/2020 10:50:01 AM



#14
1,2-Dichlorobenzene
Concen: 39.147 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	42.6	35.4	53.0





#15

Benzyl Alcohol

Concen: 34.286 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 244162

Ion Ratio Lower Upper

79 100

108 86.4 68.6 103.0

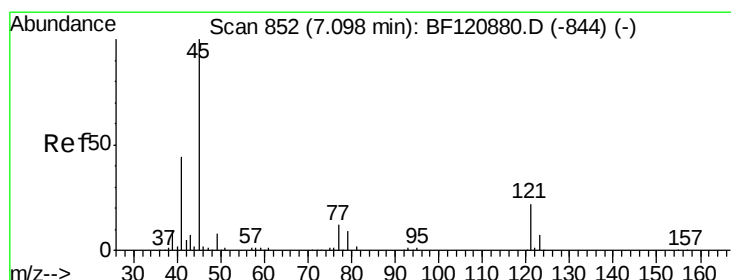
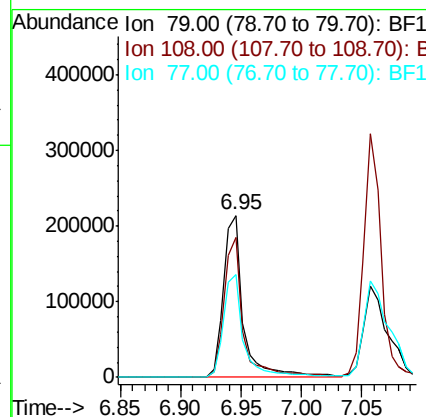
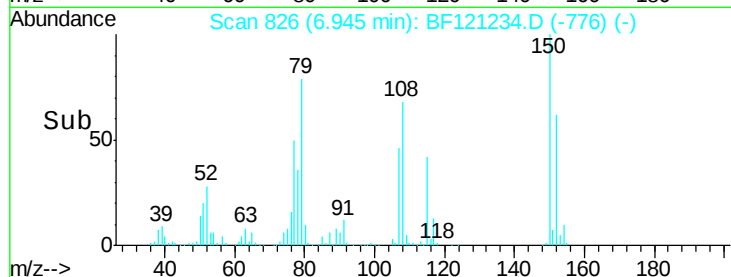
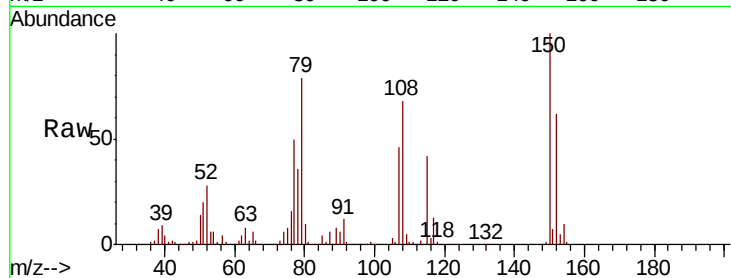
77 63.3 51.4 77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.784 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

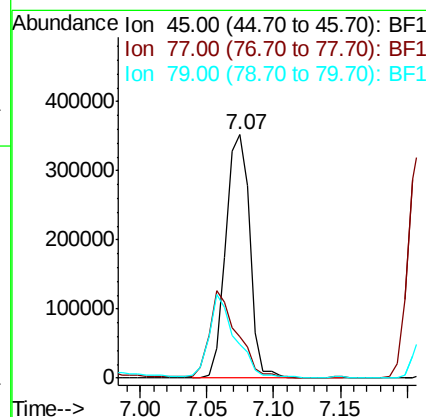
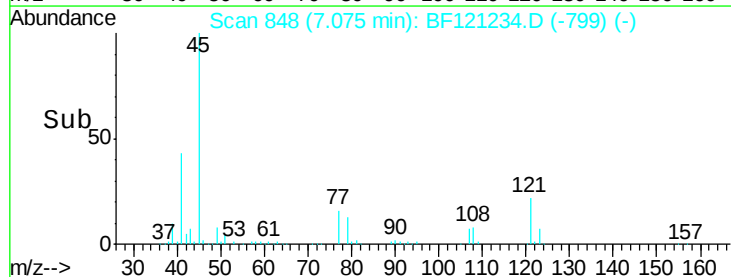
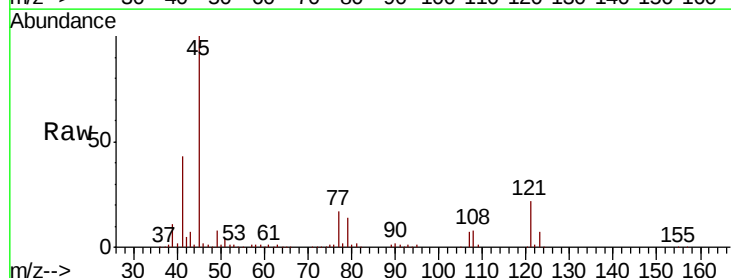
Tgt Ion: 45 Resp: 450098

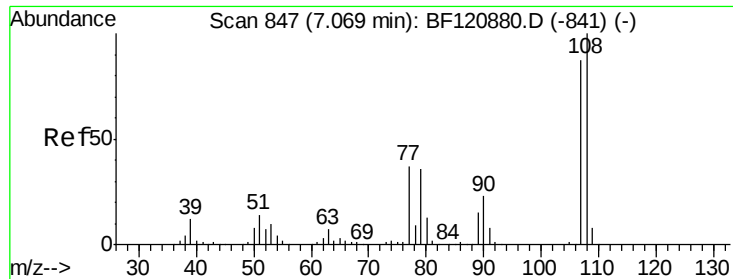
Ion Ratio Lower Upper

45 100

77 16.8 0.0 34.7

79 13.7 0.0 32.0





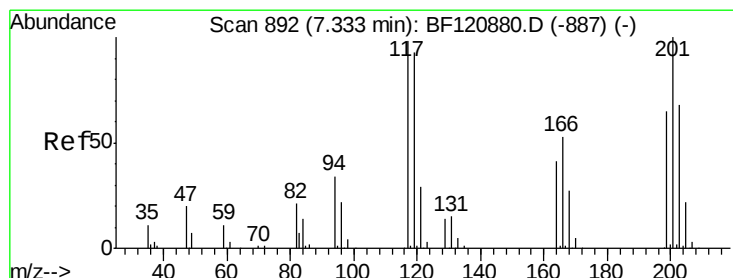
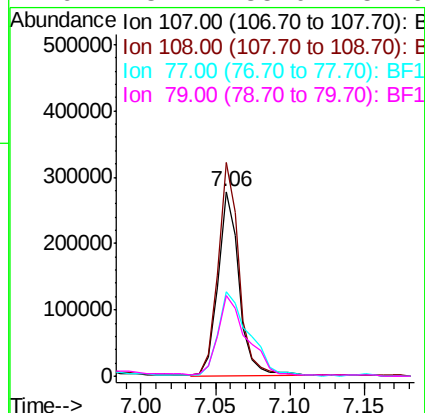
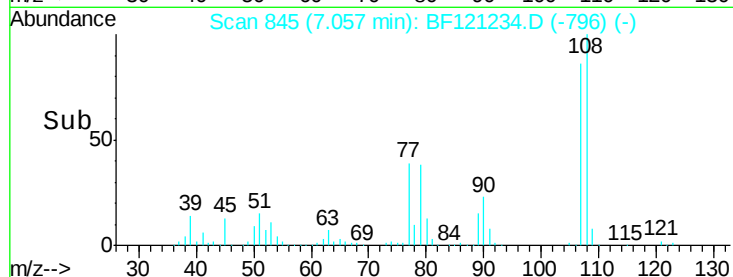
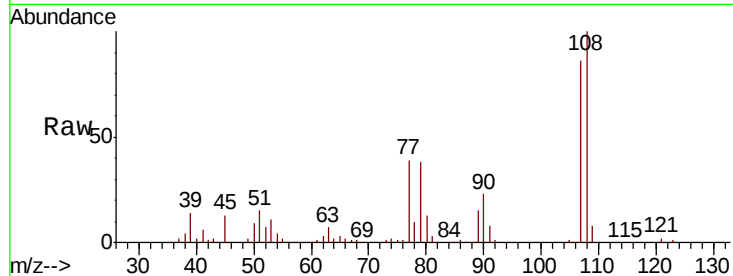
#17
2-Methylphenol
Concen: 35.978 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	91.2	136.8	
77	45.7	36.5	54.7	
79	43.4	35.0	52.6	

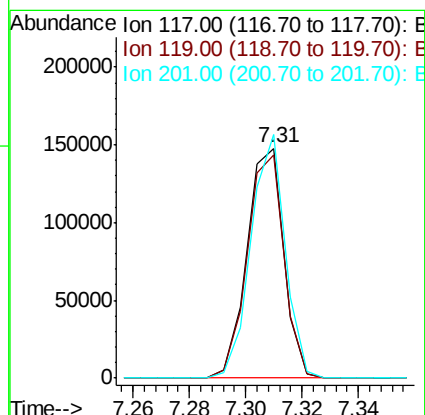
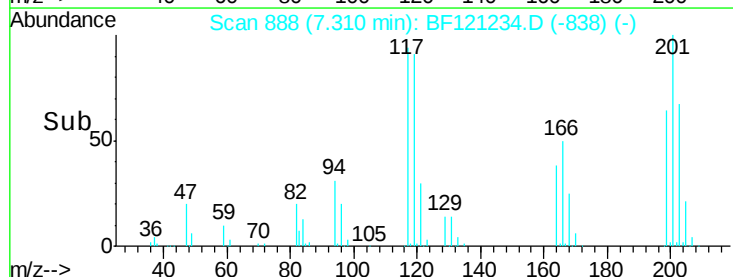
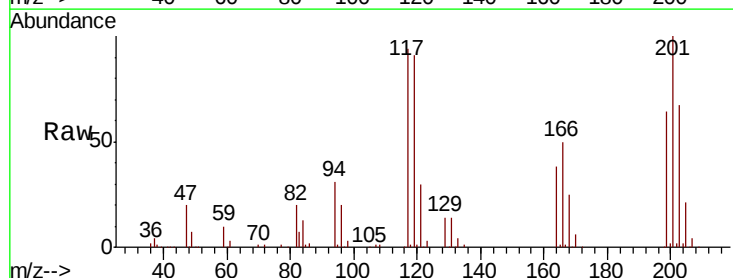
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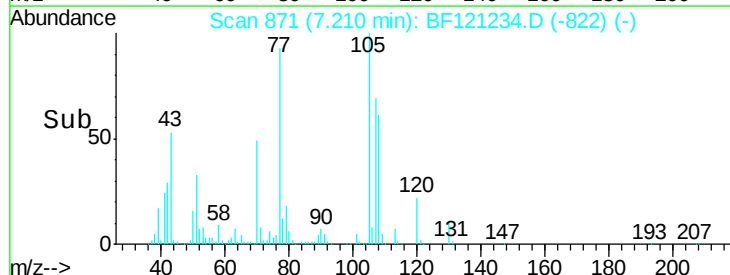
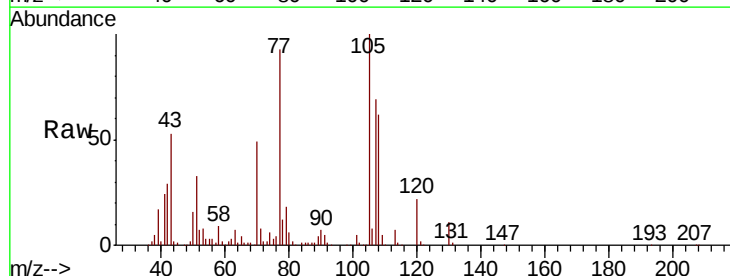
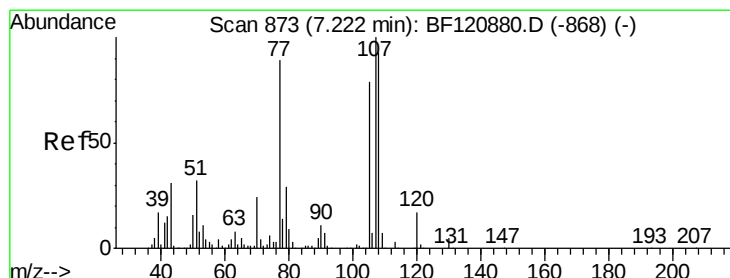
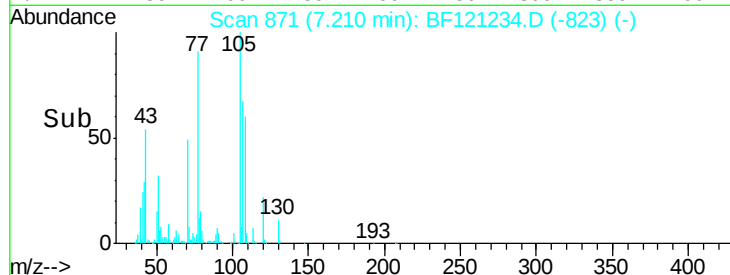
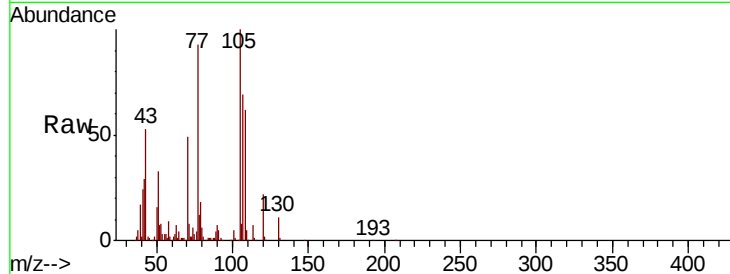
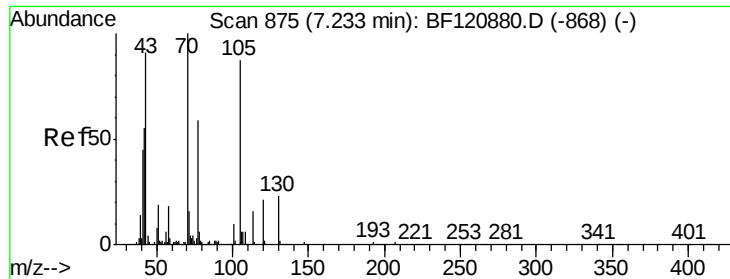
mohammad
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#18
Hexachloroethane
Concen: 39.855 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	76.6	114.8	
201	106.0	75.0	112.4	





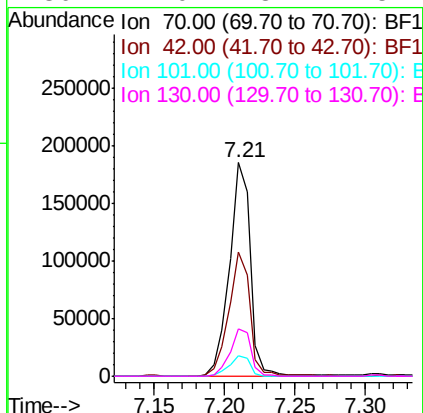
#19
n-Nitroso-di-n-propylamine
Concen: 33.669 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	43.3	64.9
101	9.5	8.4	12.6
130	22.0	18.7	28.1

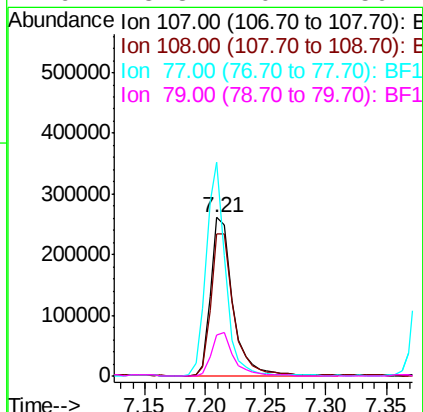
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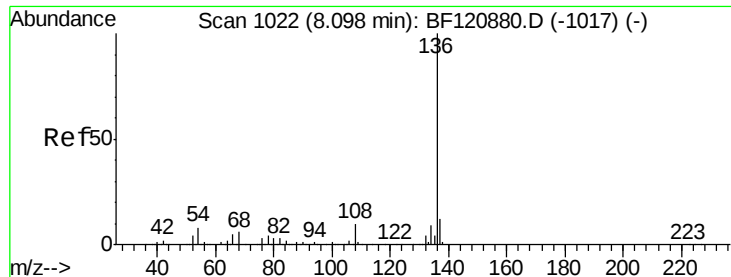
mohammad
8/12/2020 10:50:01 AM



#20
3+4-Methylphenols
Concen: 33.707 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.7	113.7
77	135.0	84.9	124.9#
79	25.8	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

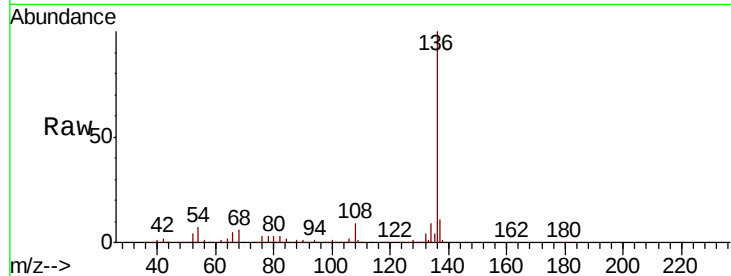
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		428866		
137	10.8		9.0	13.4	
54	7.2		6.1	9.1	
68	5.8		5.0	7.6	

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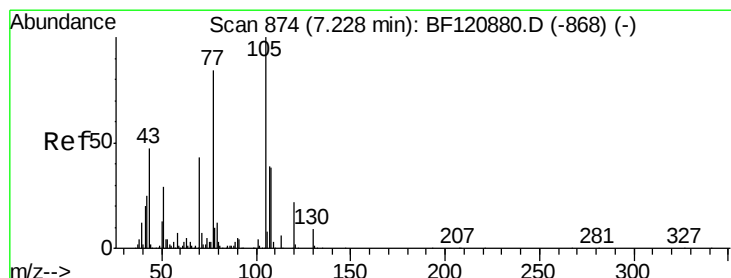
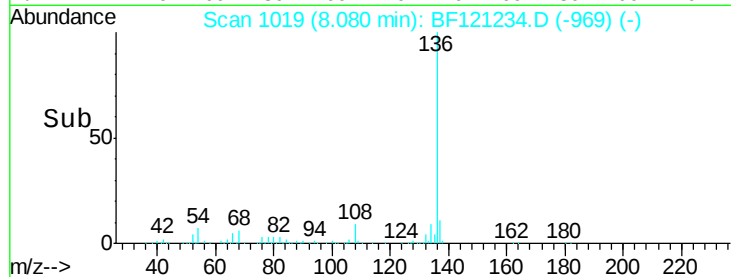
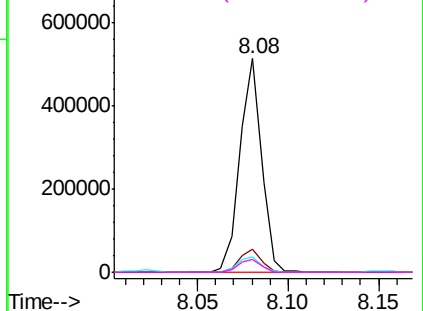
Abundance

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: 40.631 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		391074		
71	8.1		3.8	5.8#	
51	32.8		28.0	42.0	
120	22.2		17.8	26.6	

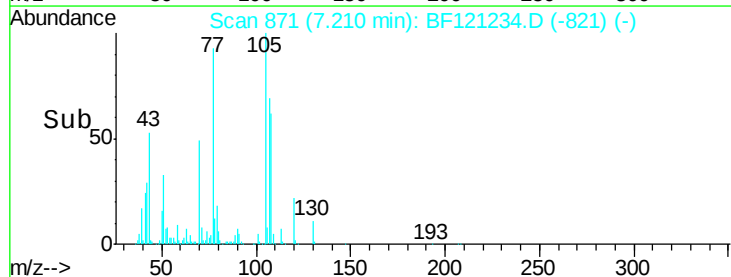
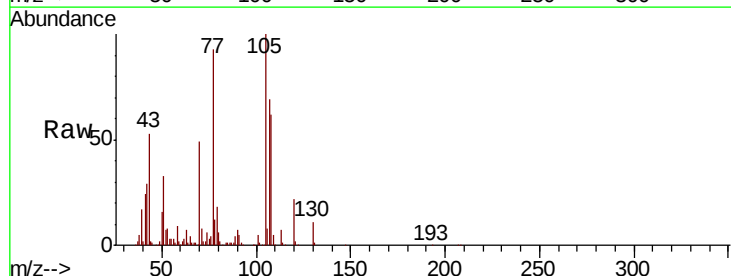
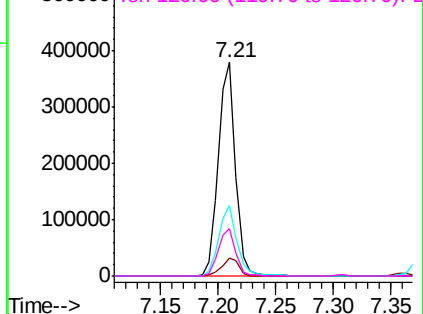
Abundance

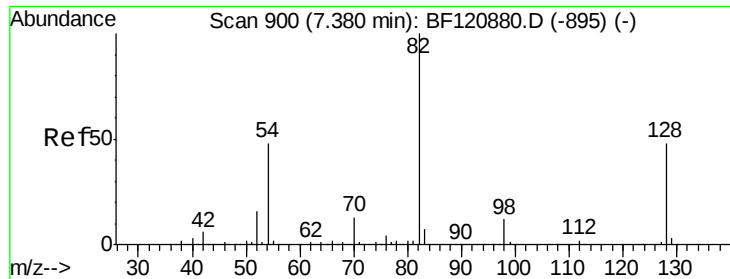
Ion 105.00 (104.70 to 105.70): E

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





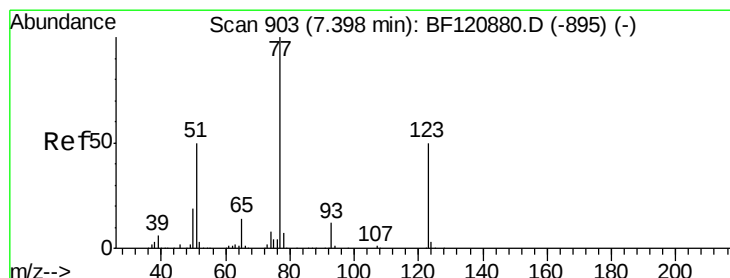
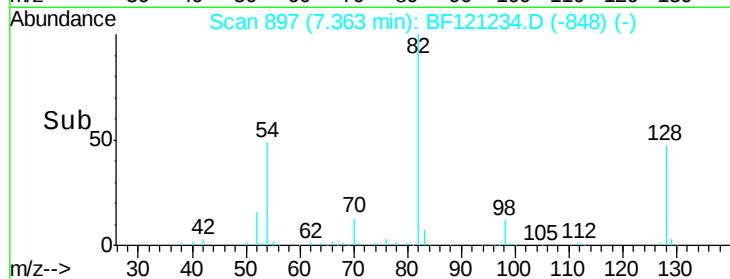
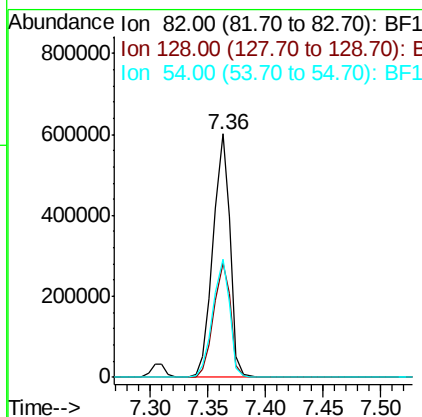
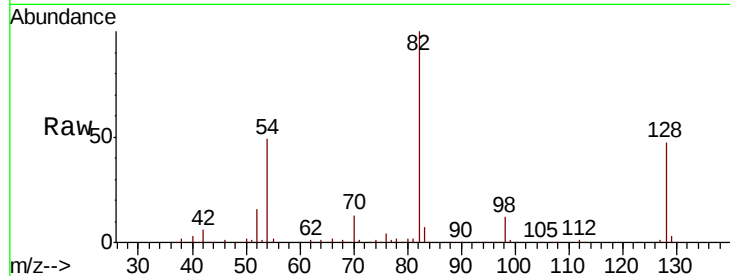
#23
Nitrobenzene-d5
Concen: 82.906 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.2	58.8
54	48.6	37.8	56.8

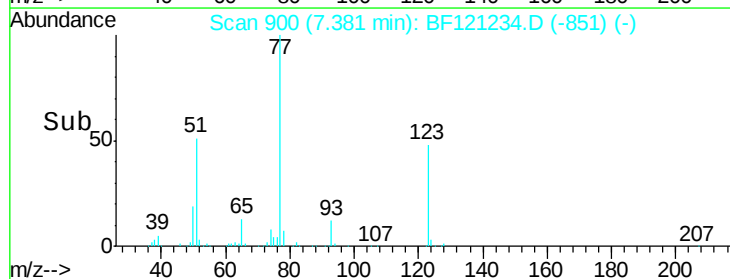
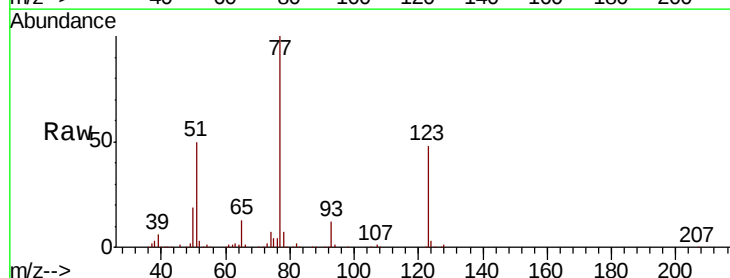
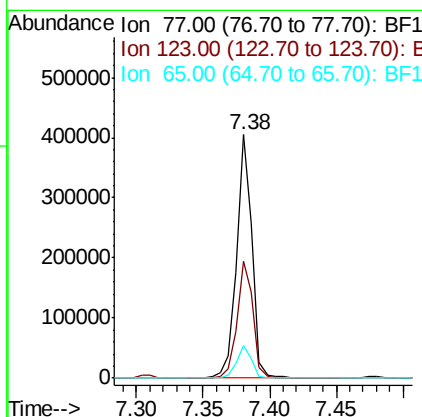
Manual Integrations
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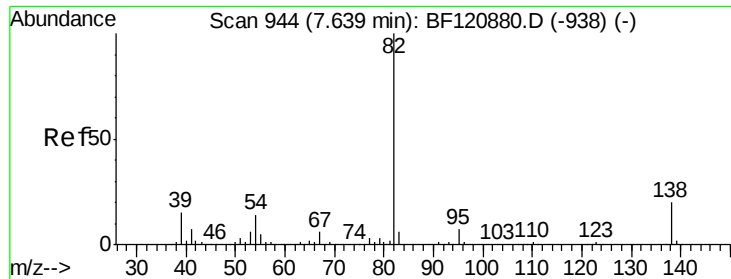
mohammad
8/12/2020 10:50:01 AM



#24
Nitrobenzene
Concen: 40.698 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	41.0	61.6
65	13.4	10.3	15.5





#25

Isophorone

Concen: 37.859 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

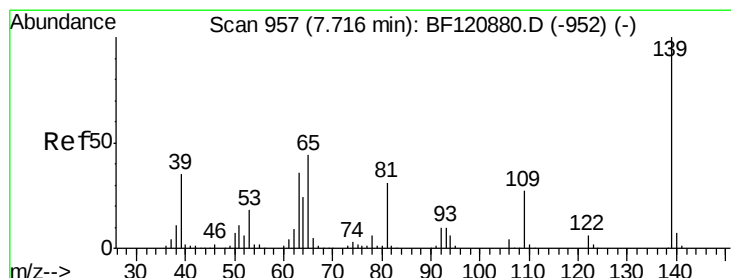
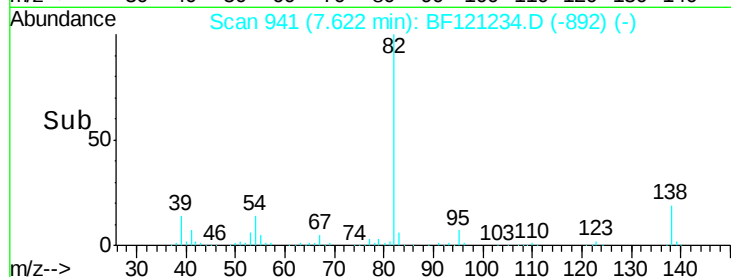
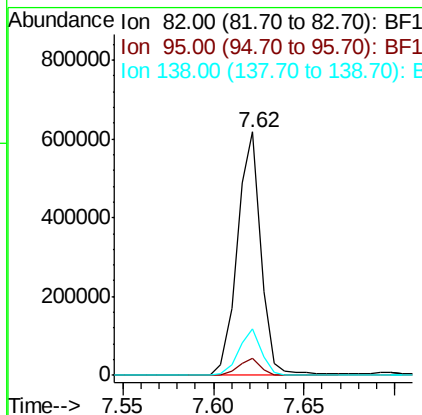
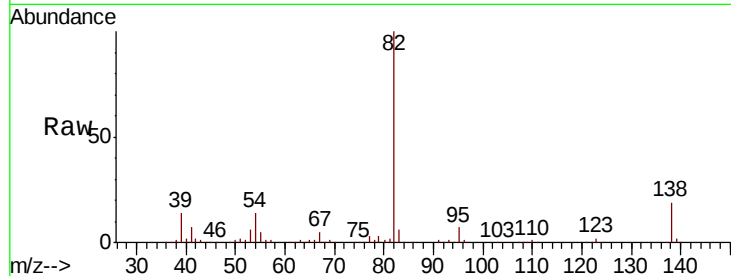
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	560020
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	19.4	16.2	24.2

Manual Integrations
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8/12/2020 10:50:01 AM



#26

2-Nitrophenol

Concen: 43.766 ng

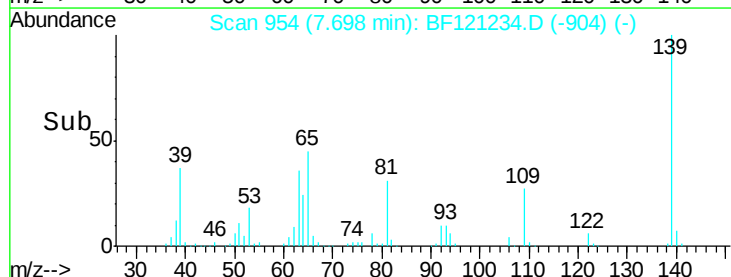
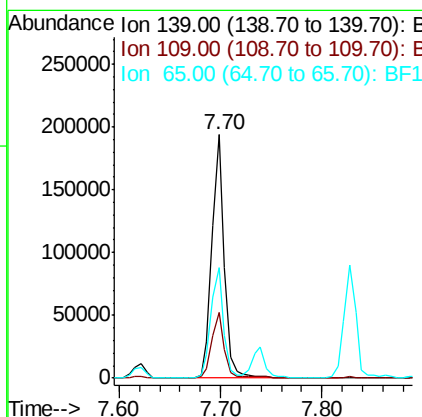
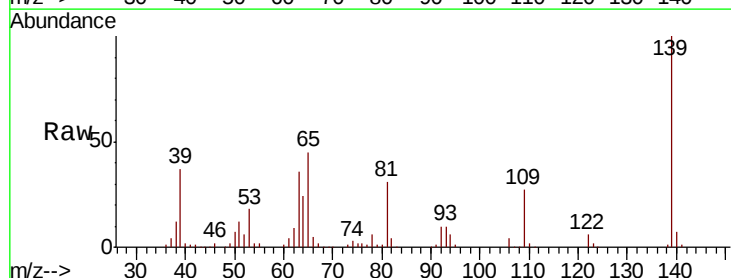
RT: 7.70 min Scan# 954

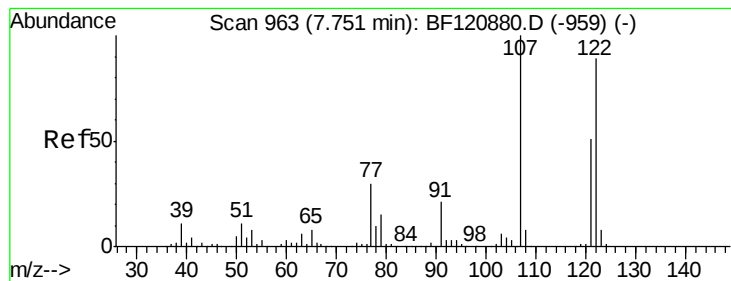
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	139	Resp:	166047
Ion Ratio	Lower	Upper	
139	100		
109	26.9	21.7	32.5
65	45.4	36.3	54.5





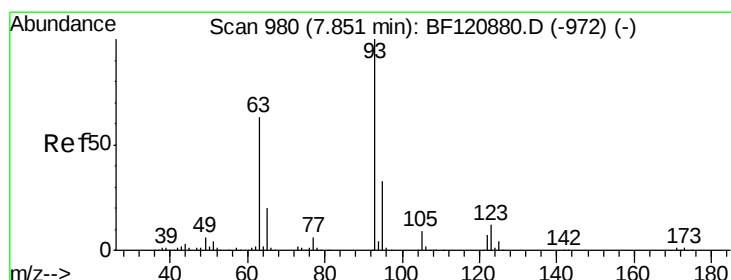
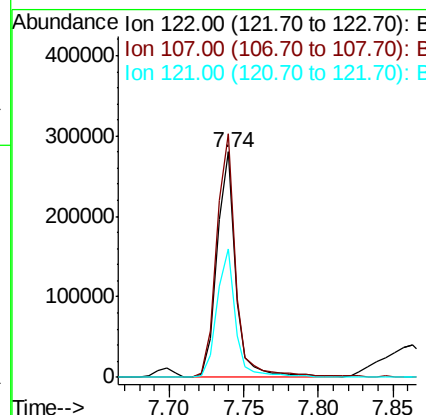
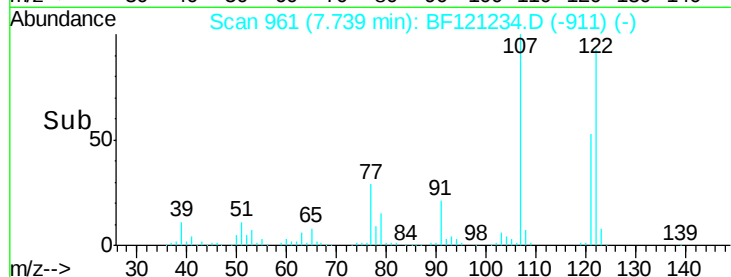
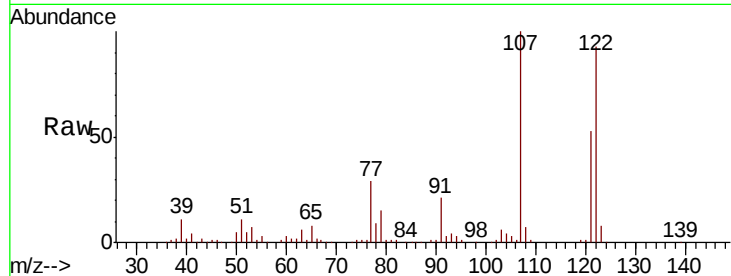
#27
2,4-Dimethylphenol
Concen: 39.480 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	87.1	130.7
121	57.0	45.5	68.3

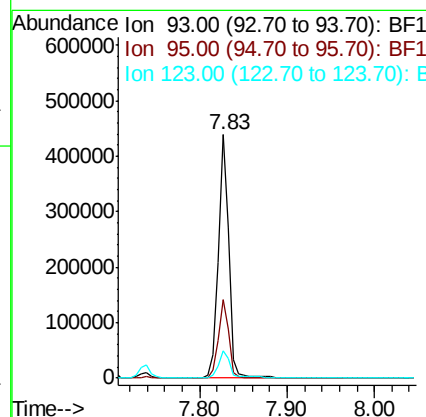
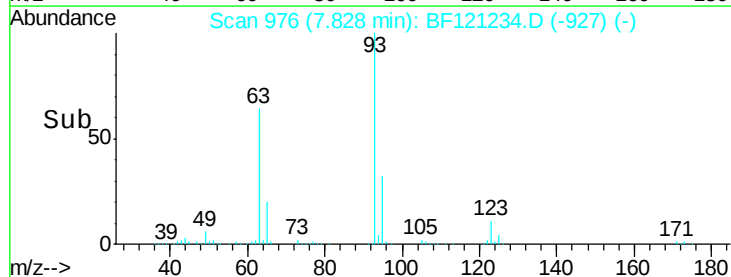
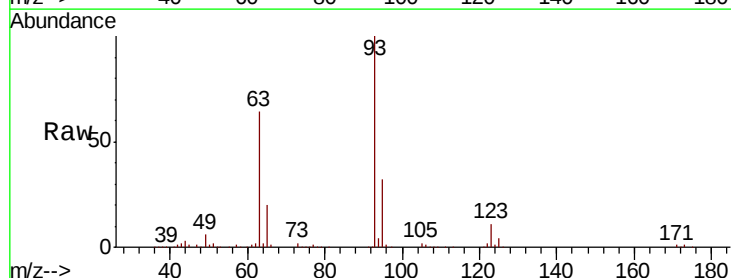
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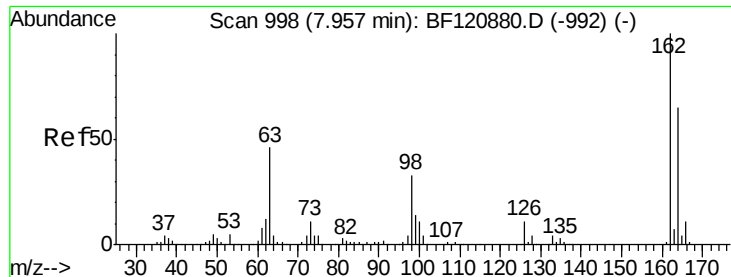
mohammad
8/12/2020 10:50:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.428 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.4	9.5	14.3





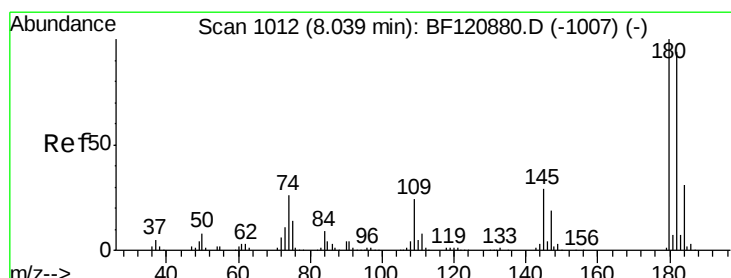
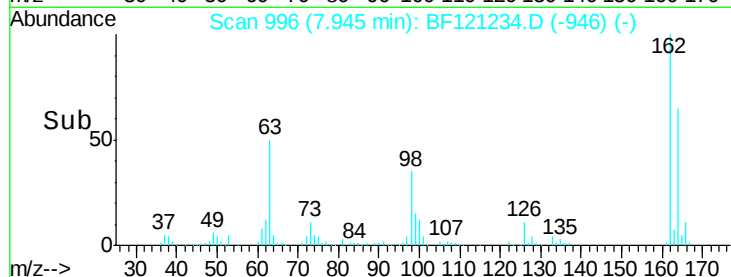
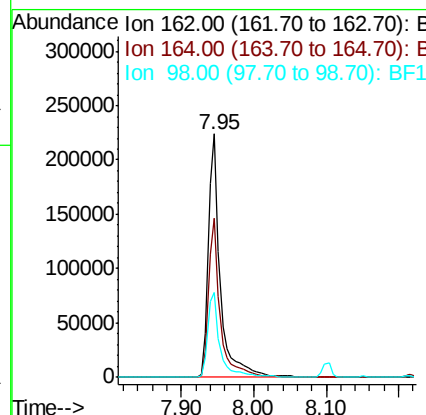
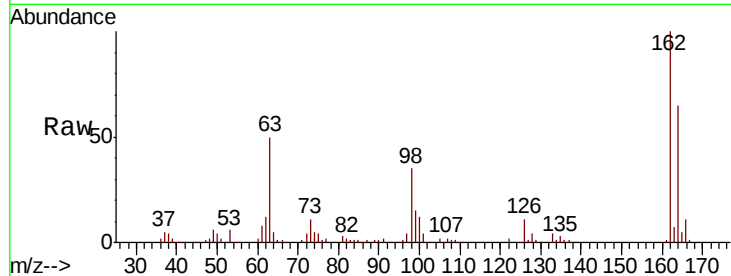
#29
 2,4-Dichlorophenol
 Concen: 40.957 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	257804
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.7	84.7
98	34.8	14.2	54.2

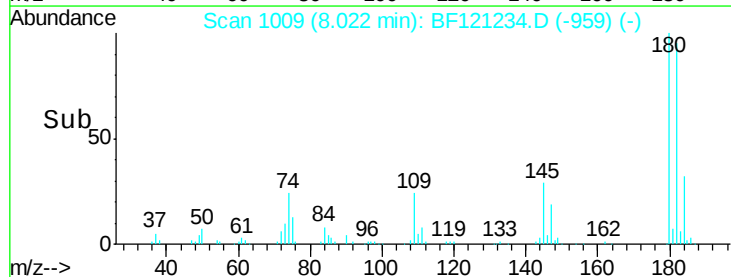
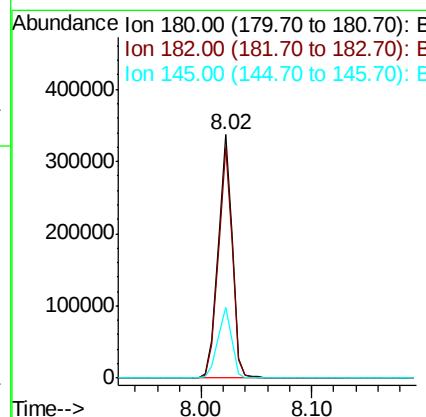
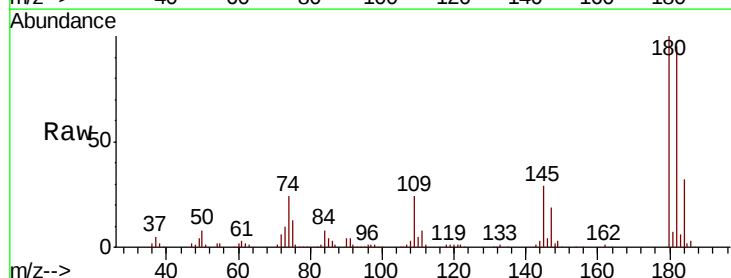
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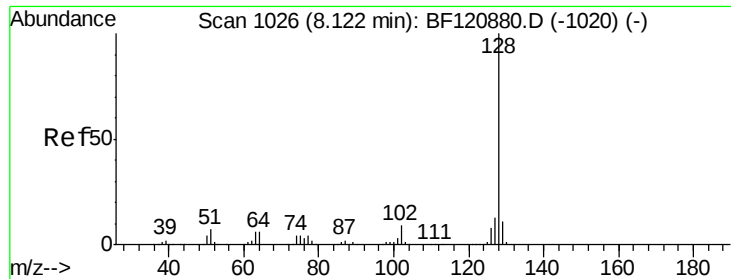
mohammad
 8/12/2020 10:50:01 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.267 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion:	180	Resp:	295172
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.4	114.6
145	28.9	24.2	36.4





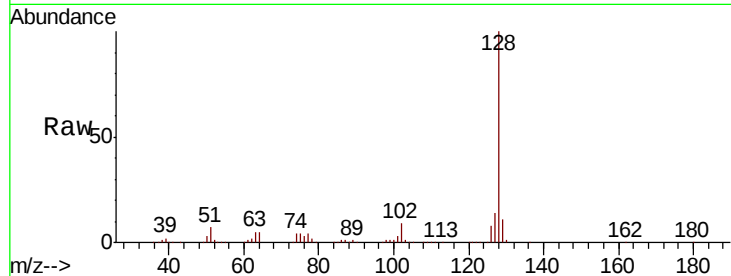
#31
Naphthalene
Concen: 39.826 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

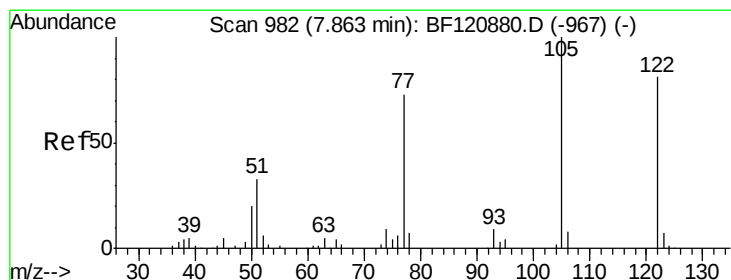
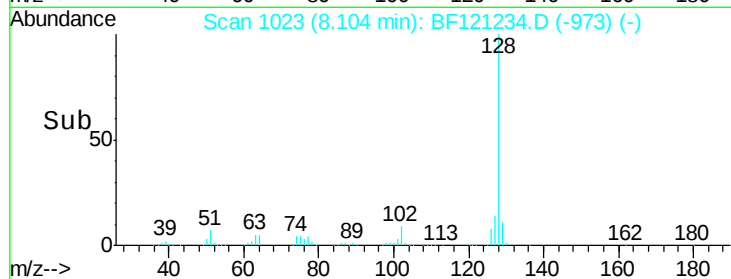
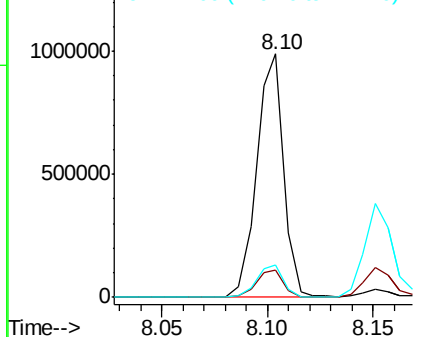
Tot Ion	Ratio	Resp	Lower	Upper
128	100	876124		
129	11.2	9.3	13.9	
127	13.5	10.8	16.2	

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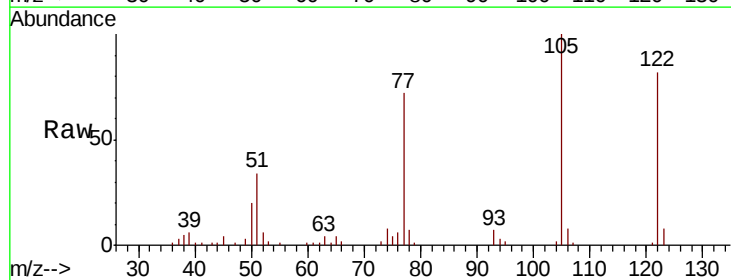


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

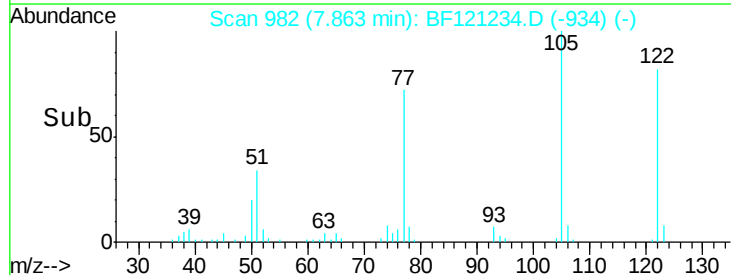
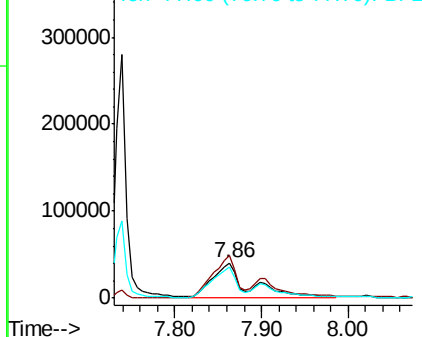


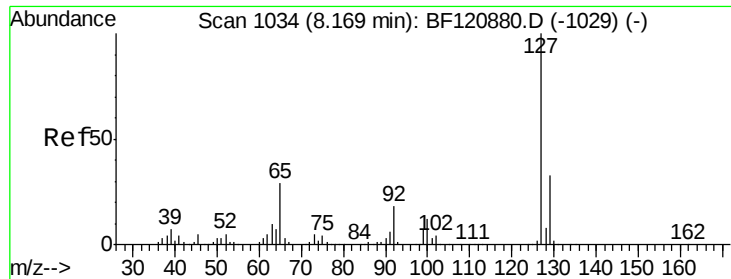
#32
Benzoic acid
Concen: 26.364 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	121908		
105	122.3	100.9	140.9	
77	88.2	67.8	107.8	



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





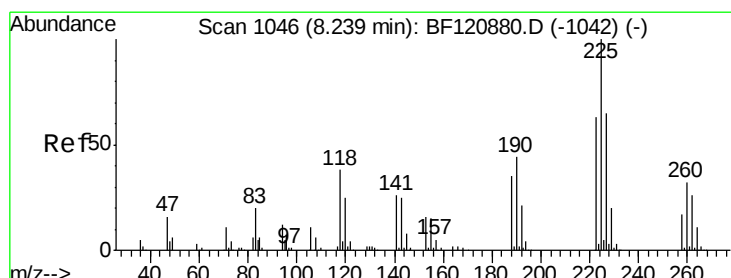
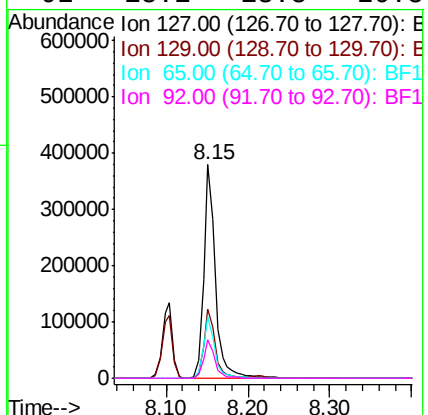
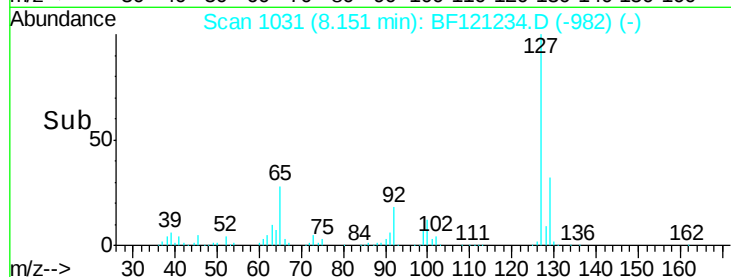
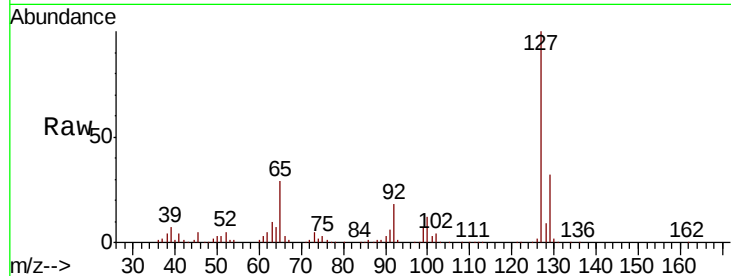
#33
4-Chloroaniline
Concen: 38.574 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.2	39.2	
65	28.7	21.4	32.0	
92	18.1	13.8	20.8	

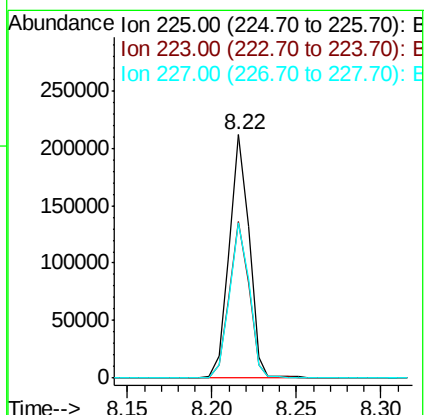
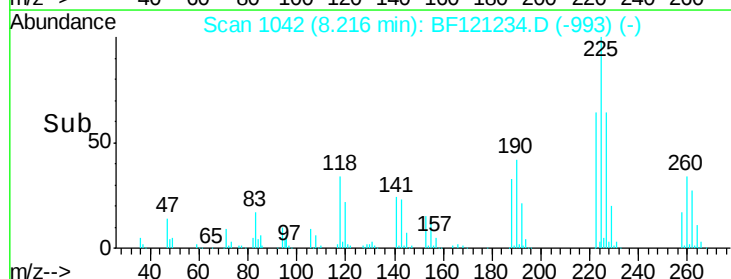
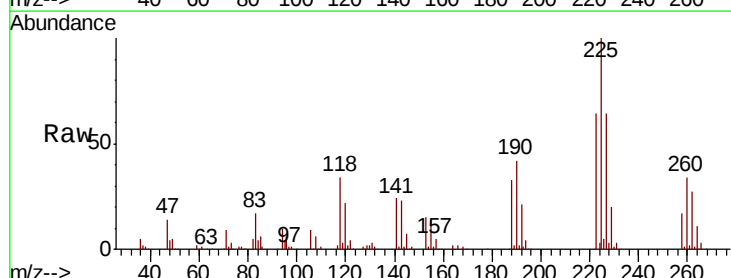
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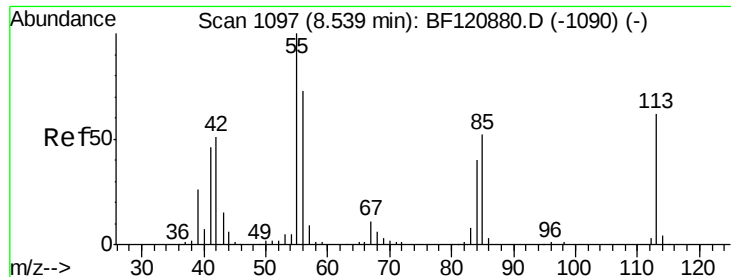
mohammad
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#34
Hexachlorobutadiene
Concen: 42.224 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	49.7	74.5	
227	63.9	51.4	77.0	





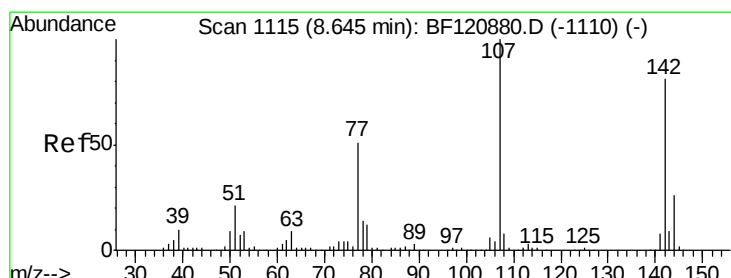
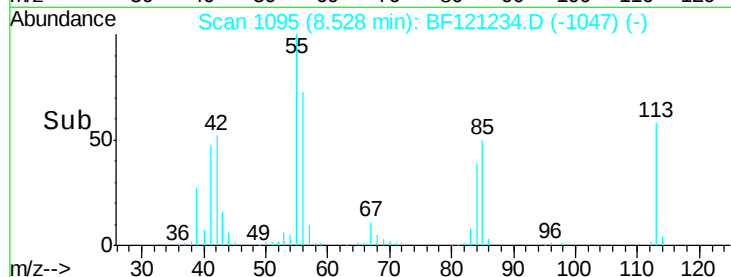
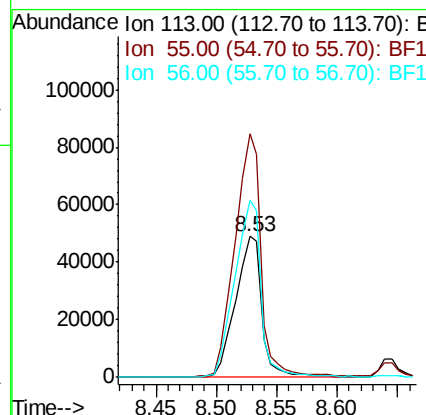
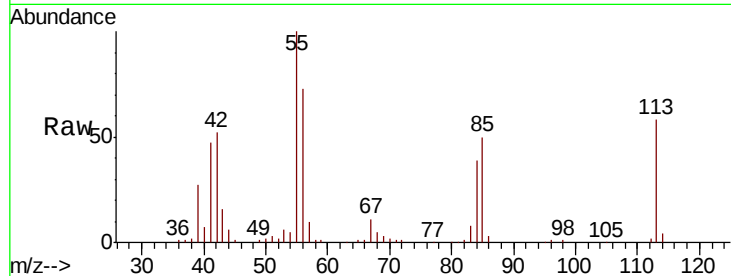
#35
 Caprolactam
 Concen: 36.859 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion:113 Resp: 74401
 Ion Ratio Lower Upper
 113 100
 55 172.7 131.0 171.0#
 56 125.5 90.4 130.4

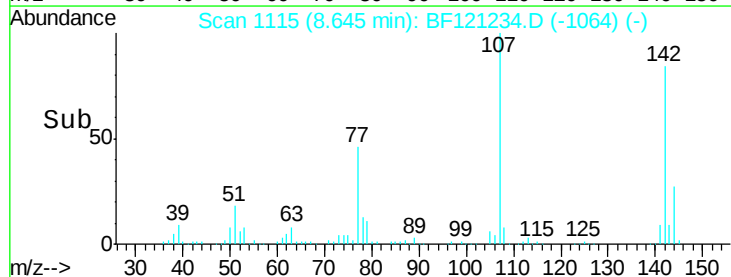
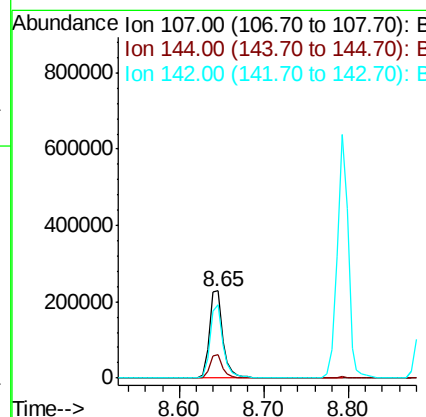
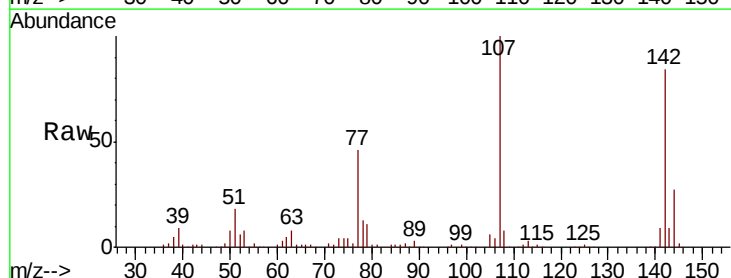
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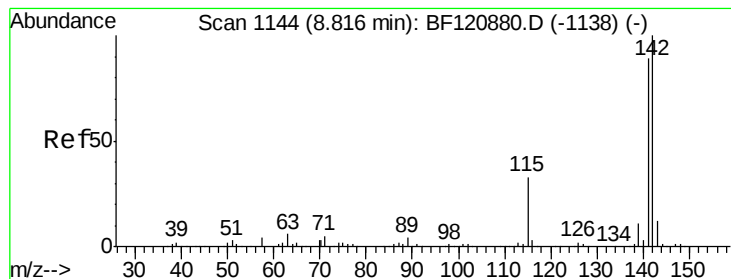
mohammad
 8/12/2020 10:50:01 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.654 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion:107 Resp: 255988
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.9 31.3
 142 83.8 64.5 96.7





#37

2-Methylnaphthalene

Concen: 39.766 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

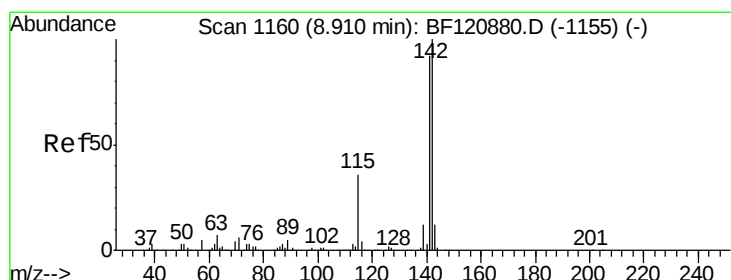
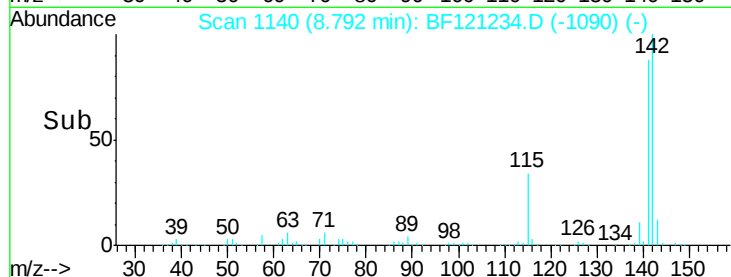
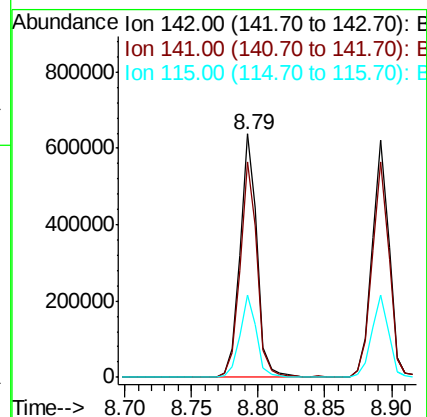
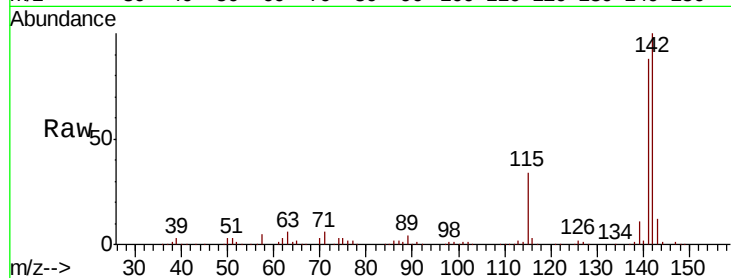
ClientSampleId :

SSTDCCC040

Tot Ion:	142	Resp:	568011
Ion Ratio	Lower	Upper	
142	100		
141	88.4	70.6	105.8
115	33.8	27.1	40.7

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#38

1-Methylnaphthalene

Concen: 39.730 ng

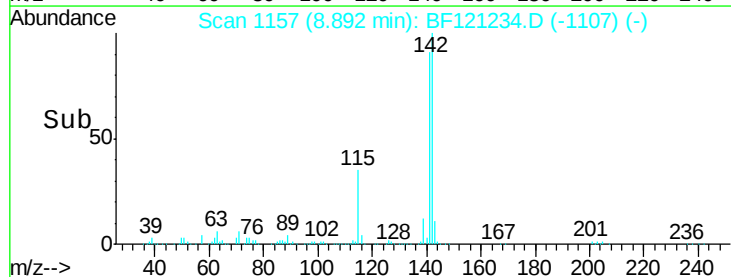
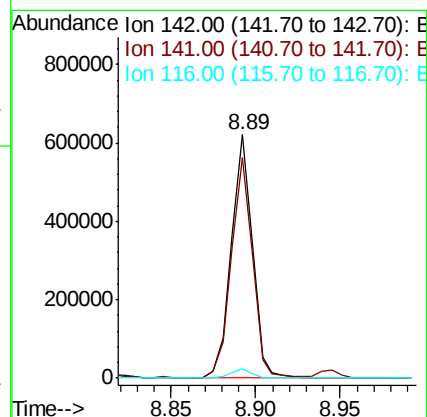
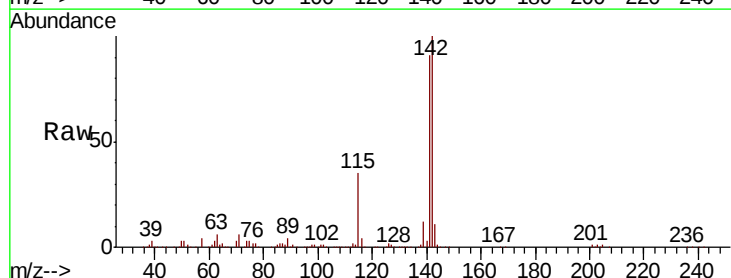
RT: 8.89 min Scan# 1157

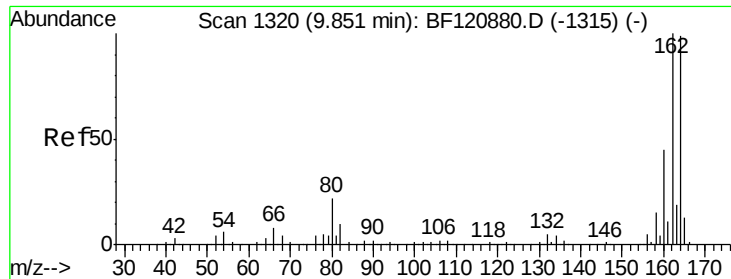
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	142	Resp:	537475
Ion Ratio	Lower	Upper	
142	100		
141	90.7	73.0	109.6
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

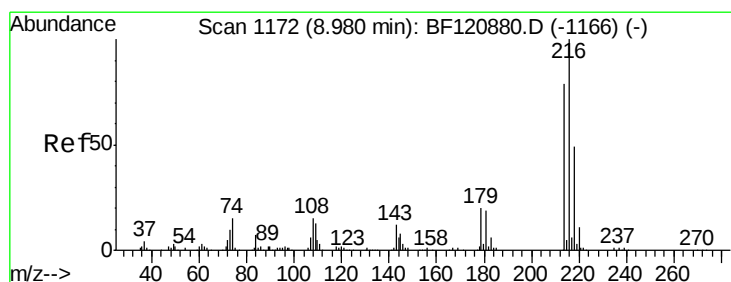
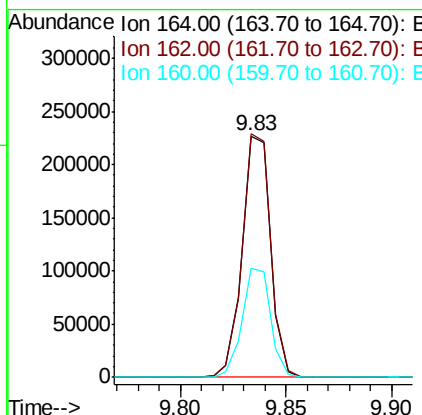
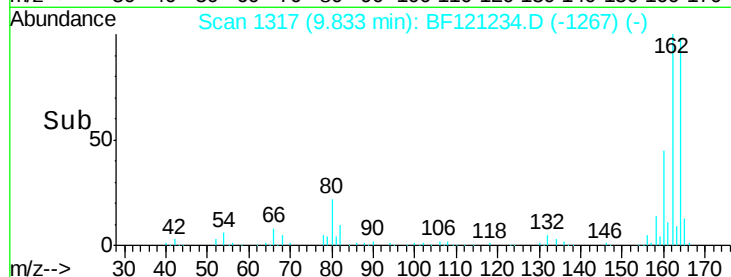
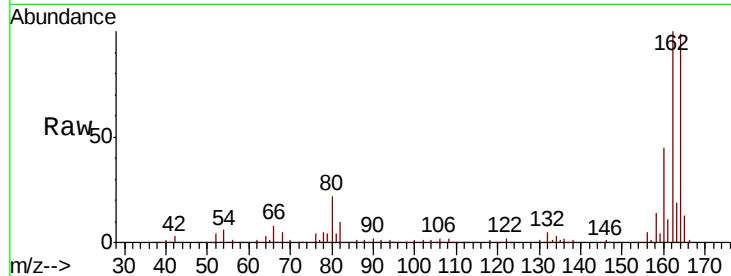
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	211574
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.2	123.2
160	45.4	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.912 ng

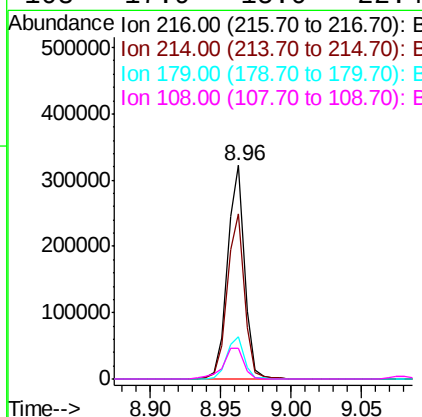
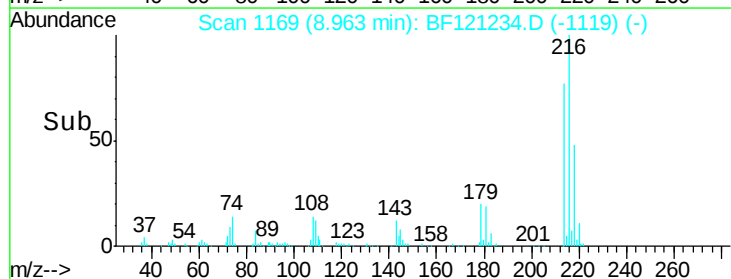
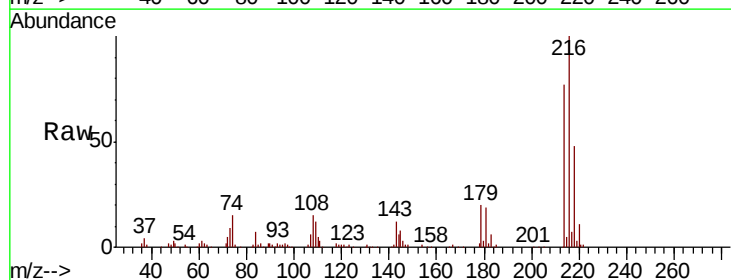
RT: 8.96 min Scan# 1169

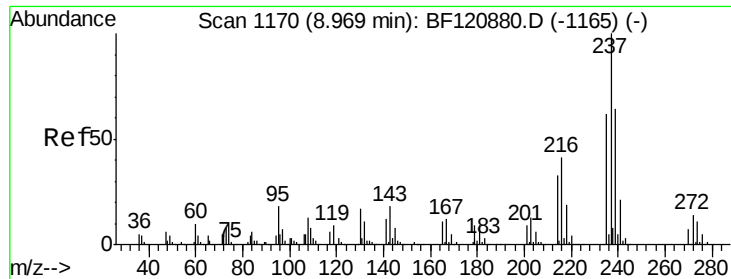
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	216	Resp:	270687
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.9	95.9
179	20.2	16.6	24.8
108	17.9	15.0	22.4





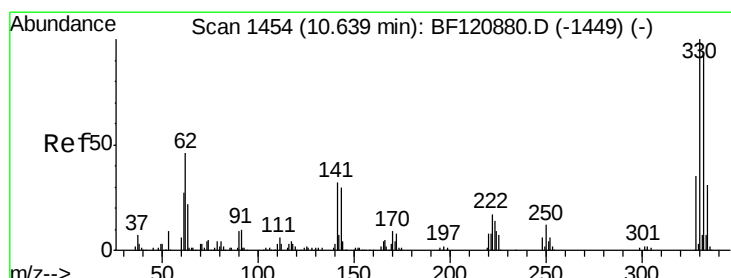
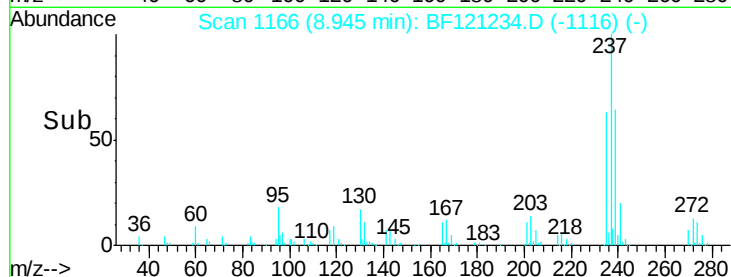
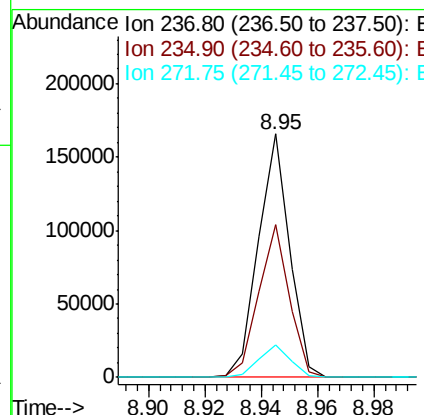
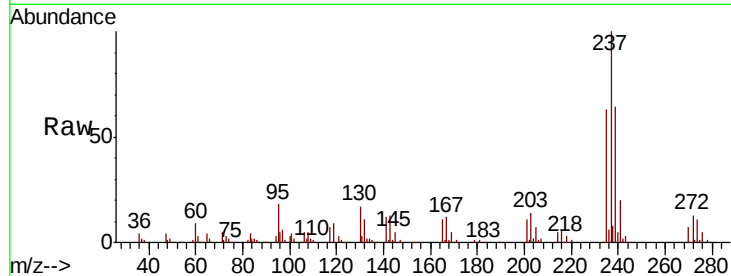
#41
Hexachlorocyclopentadiene
Concen: 37.288 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9	43.2	83.2		
272	13.4	0.0	33.6		

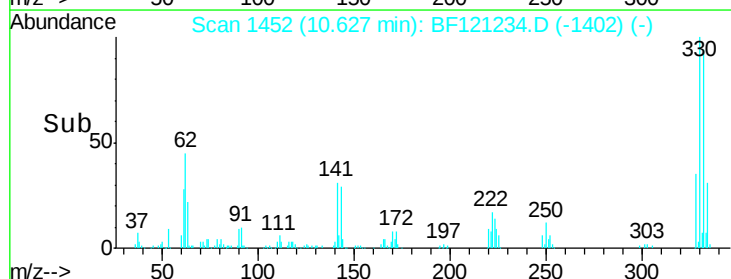
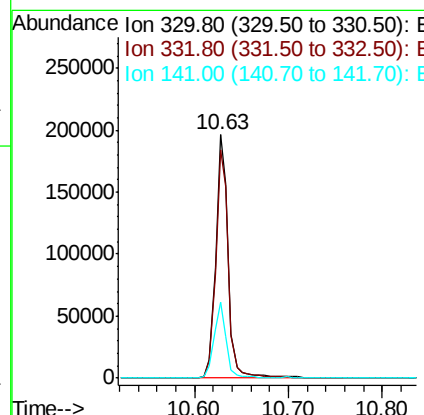
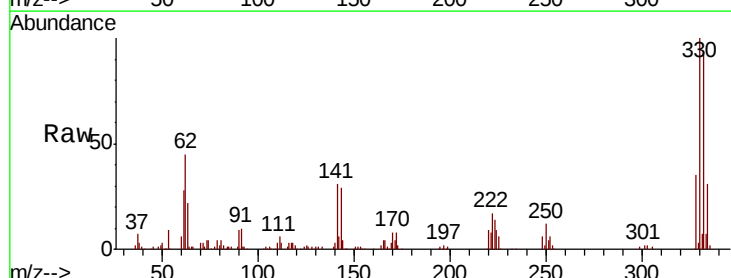
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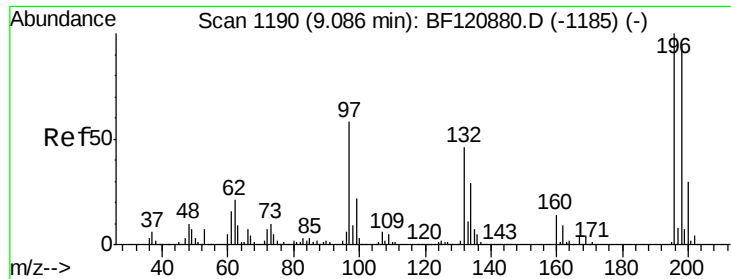
mohammad
8/12/2020 10:50:01 AM



#42
2,4,6-Tribromophenol
Concen: 80.539 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.2	76.1	114.1		
141	30.3	24.1	36.1		





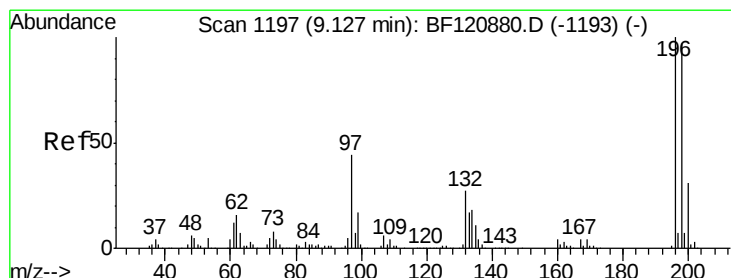
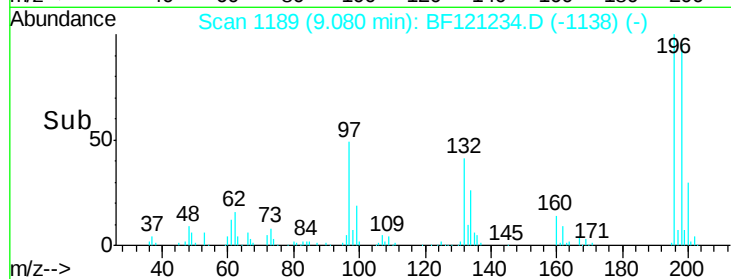
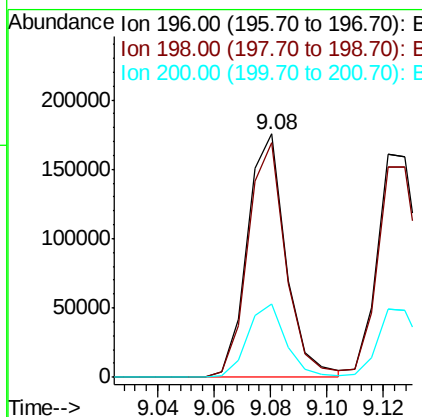
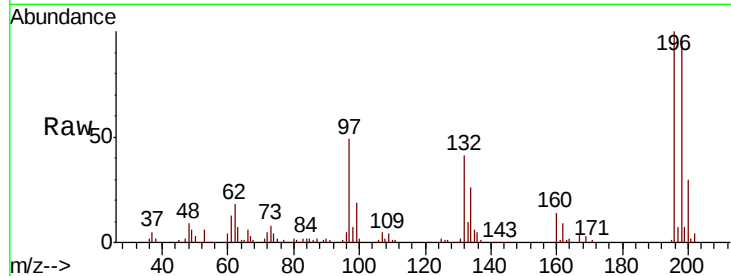
#43
 2,4,6-Trichlorophenol
 Concen: 38.393 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166634		
198	96.2	77.5	116.3	
200	30.3	24.6	37.0	

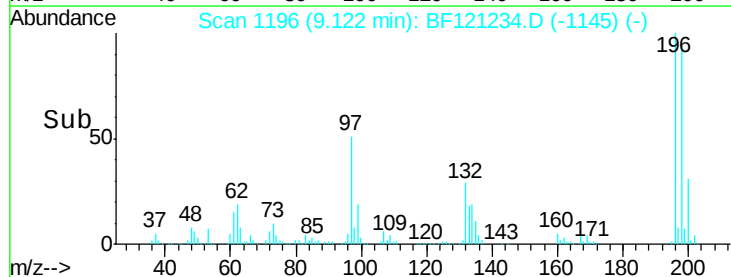
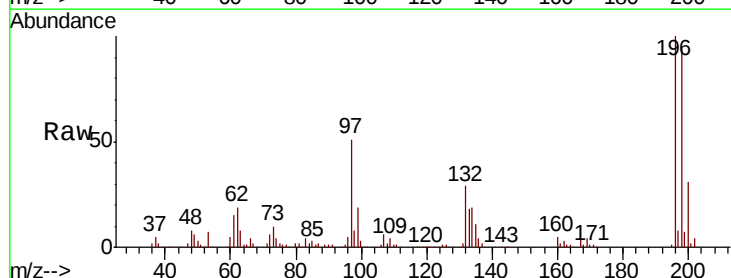
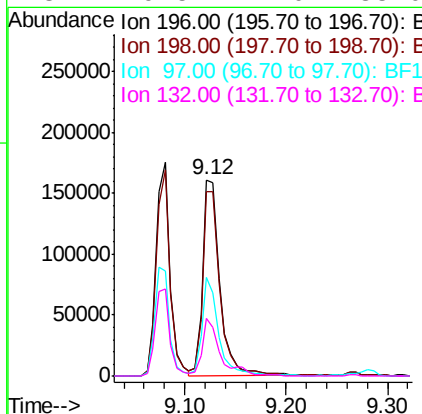
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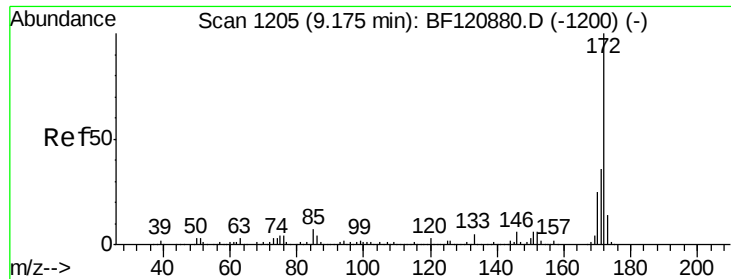
mohammad
 8/12/2020 10:50:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.956 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191790		
198	93.9	76.2	114.4	
97	50.5	37.3	55.9	
132	29.5	22.0	33.0	





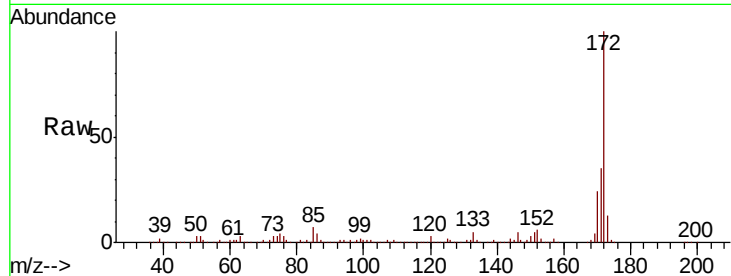
#45
2-Fluorobiphenyl
Concen: 76.127 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.9	19.6	29.4

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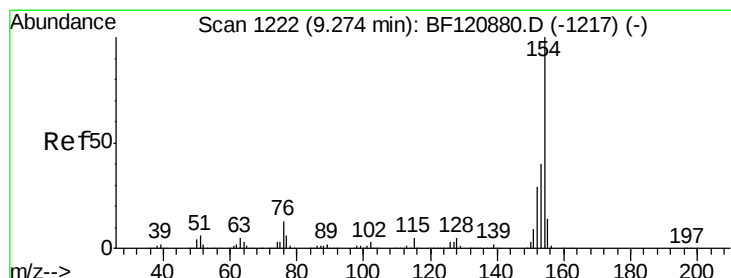
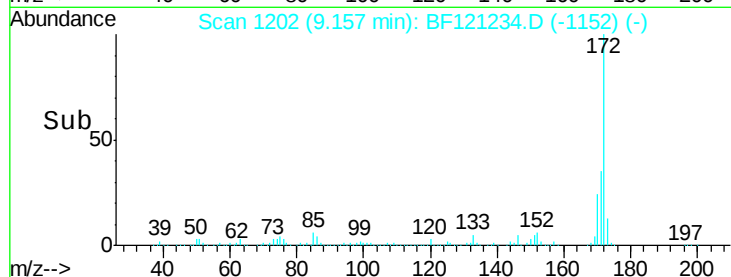
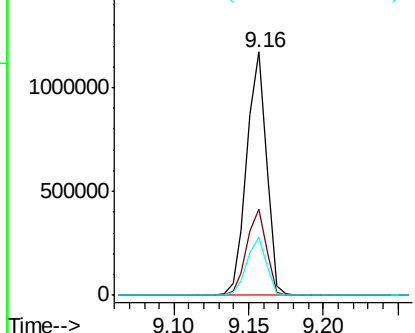


Abundance

Ion 172.00 (171.70 to 172.70): E

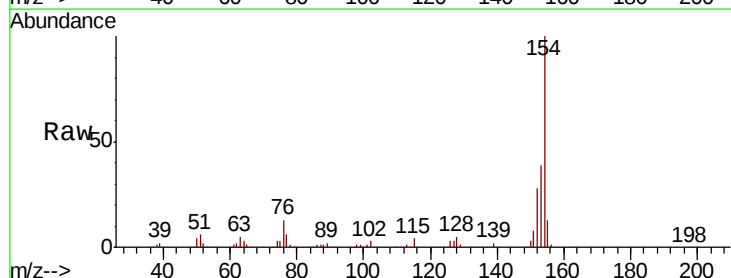
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.593 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.6	60.6
76	12.7	0.0	33.4

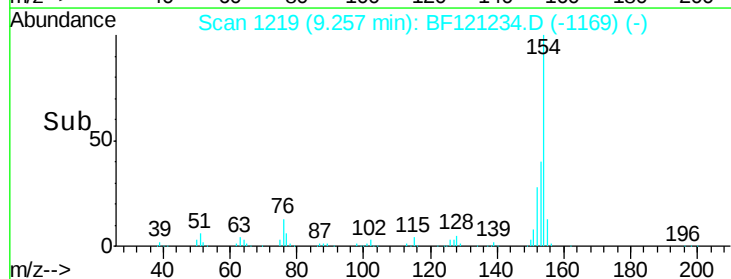
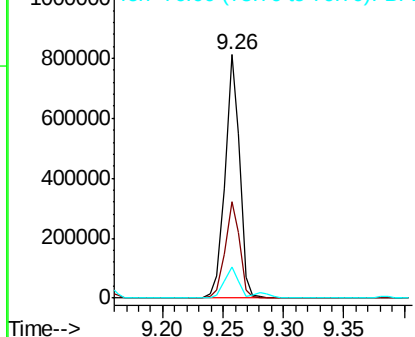


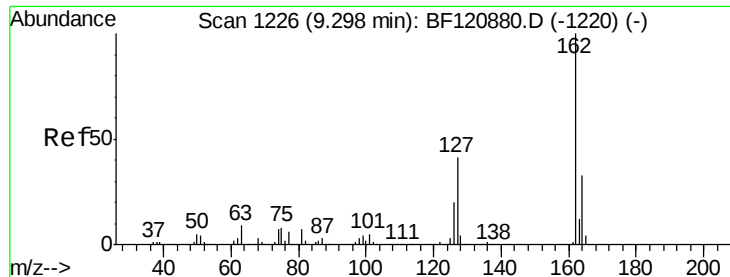
Abundance

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





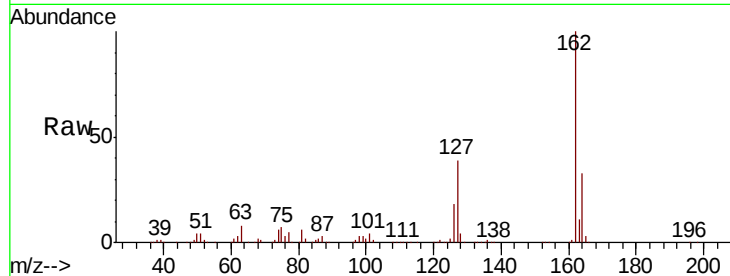
#47
 2-Chloronaphthalene
 Concen: 41.377 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

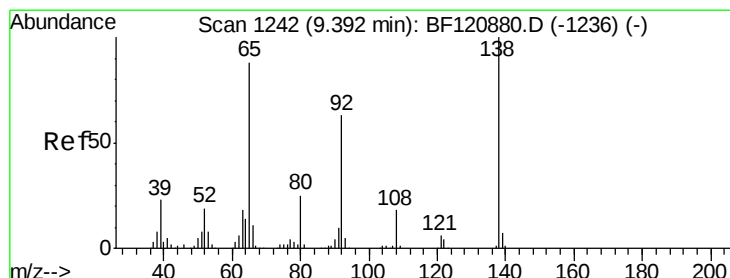
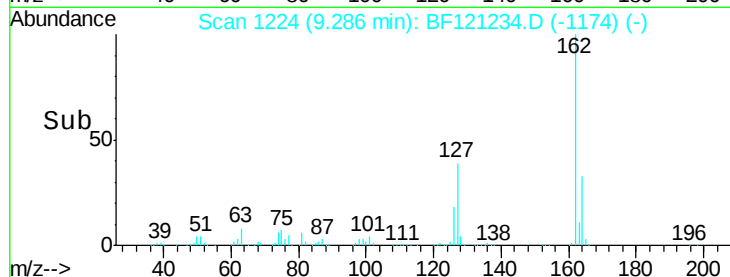
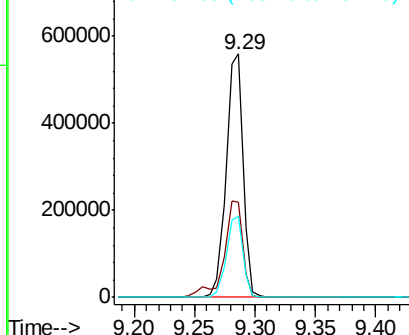
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.8	31.1	46.7	
164	33.3	26.6	40.0	

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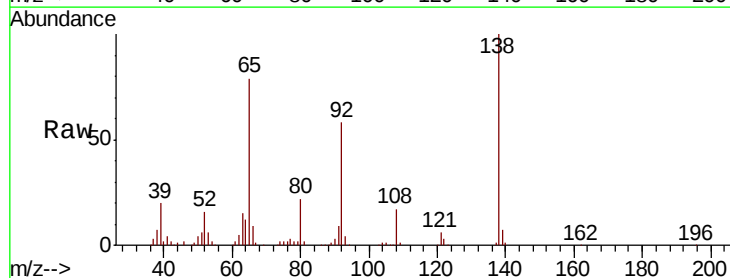


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

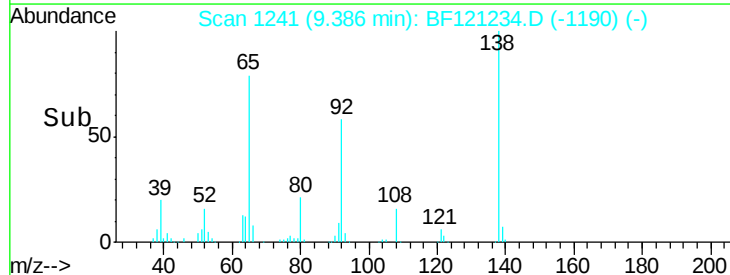
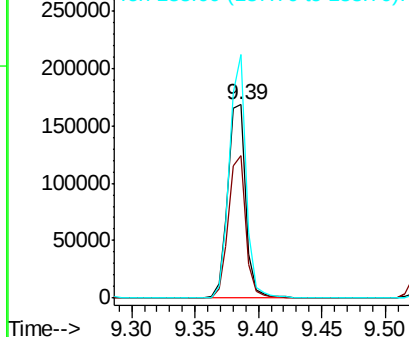


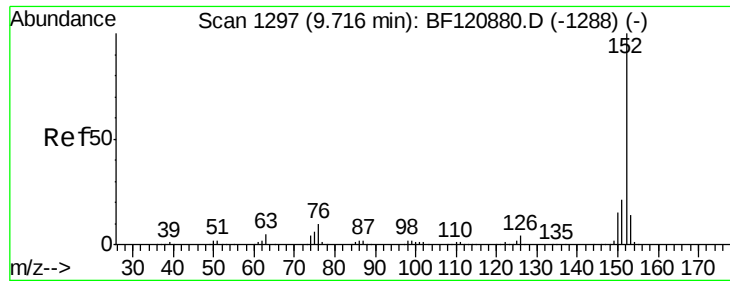
#48
 2-Nitroaniline
 Concen: 41.766 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.5	58.0	87.0	
138	125.9	93.3	139.9	



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





#49

Acenaphthylene

Concen: 40.405 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

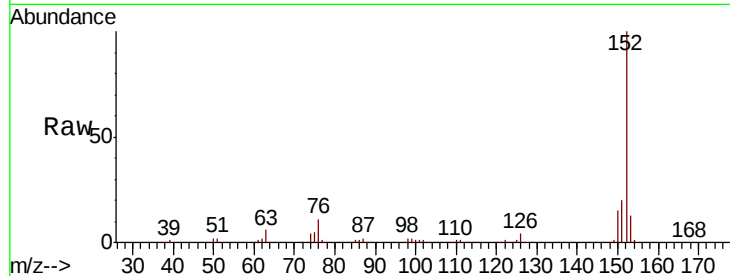
ClientSampleId :

SSTDCCC040

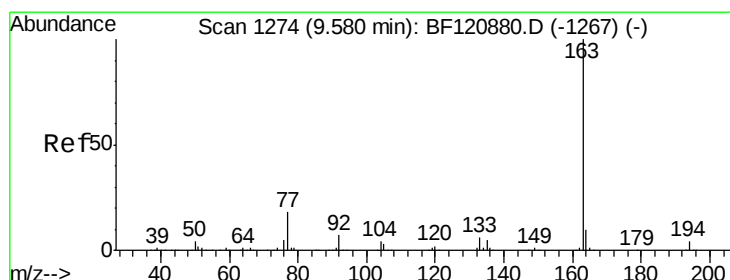
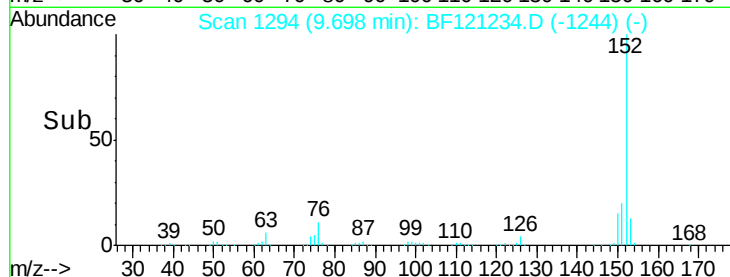
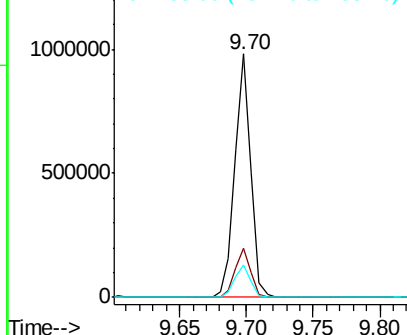
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		825936		
151	20.4	16.6	25.0		
153	13.5	11.0	16.4		

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



#50

Dimethylphthalate

Concen: 40.469 ng

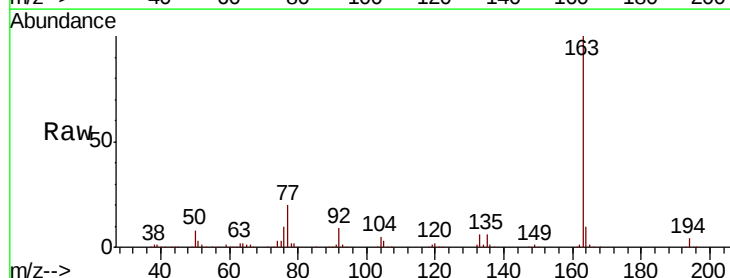
RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

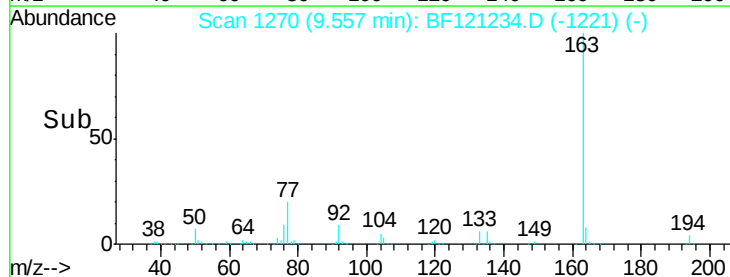
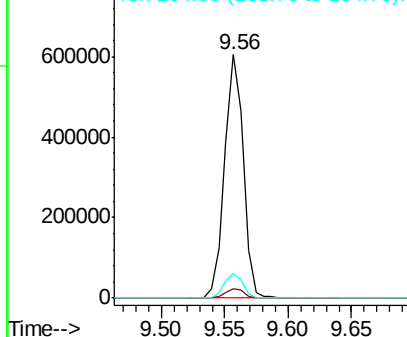
Lab File: BF121234.D

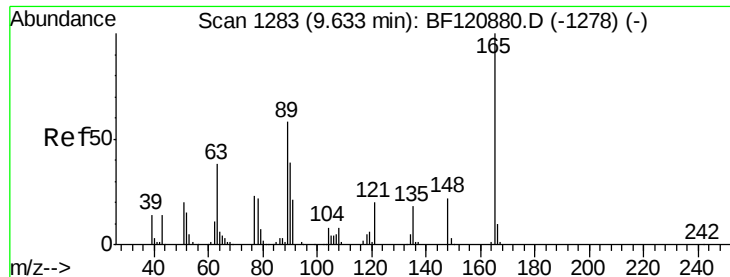
Acq: 10 Aug 2020 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		617705		
194	3.8	3.0	4.4		
164	10.1	8.4	12.6		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





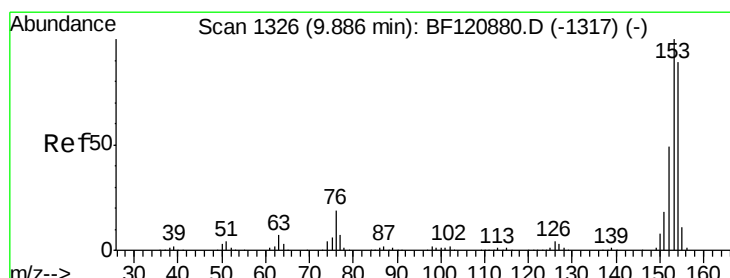
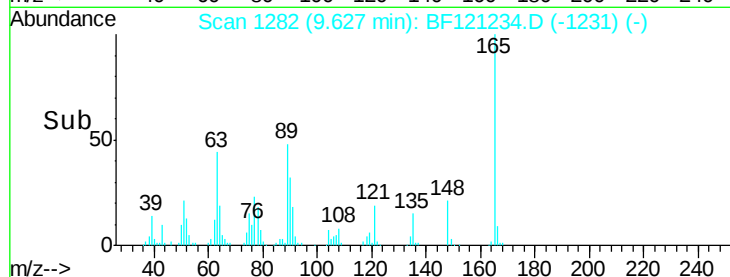
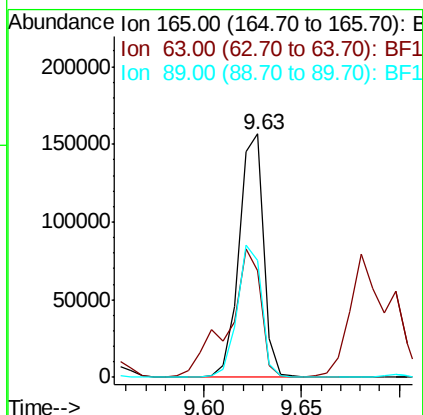
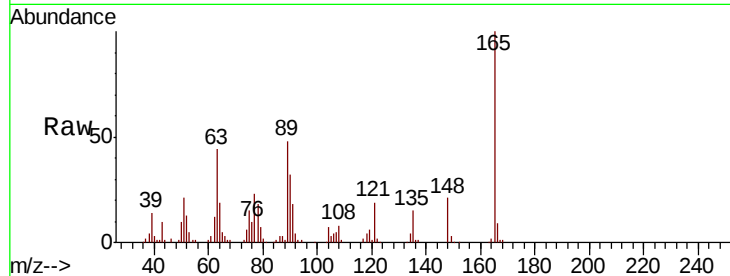
#51
2,6-Dinitrotoluene
Concen: 41.576 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.9		41.1	61.7
89	48.1		43.5	65.3

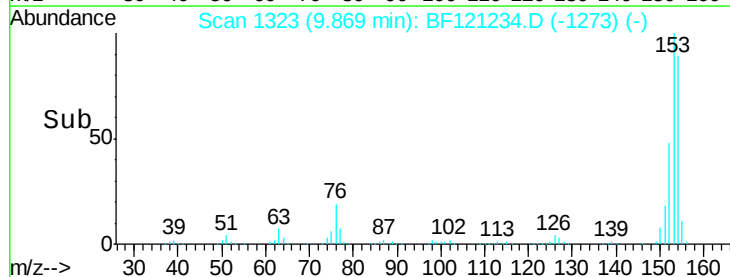
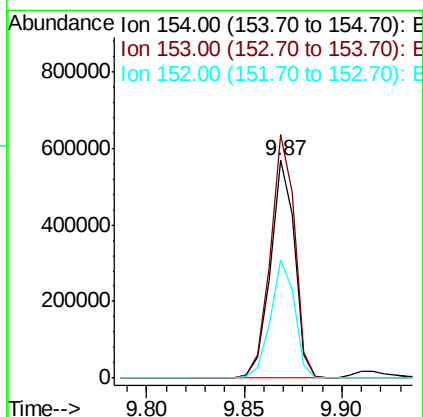
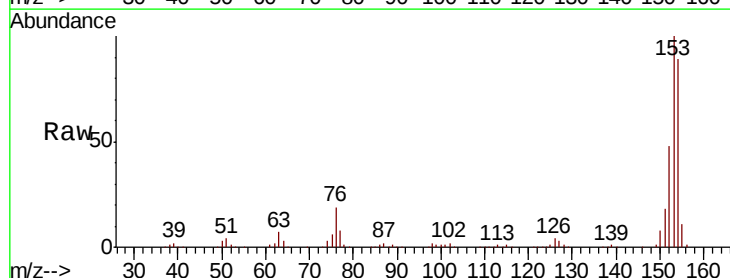
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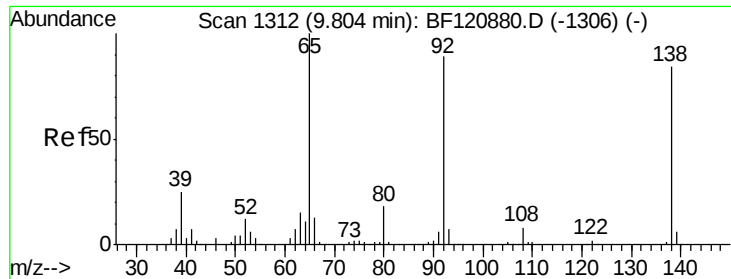
mohammad
8/12/2020 10:50:01 AM



#52
Acenaphthene
Concen: 37.564 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.0		89.6	134.4
152	54.1		43.8	65.6





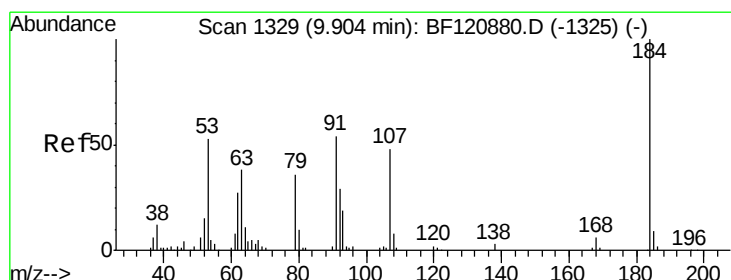
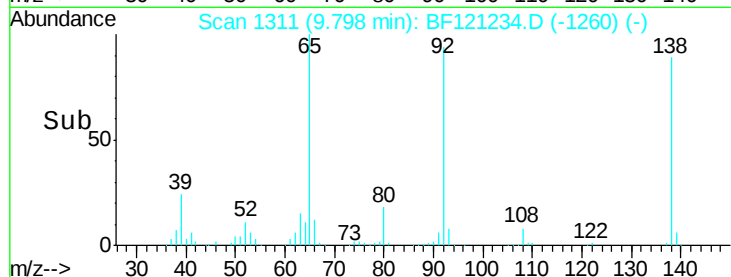
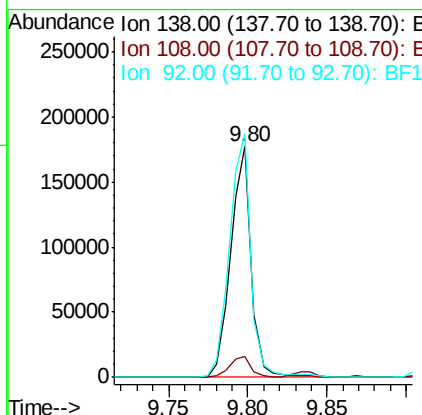
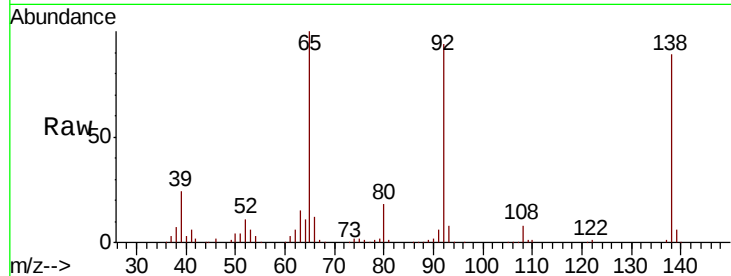
#53
3-Nitroaniline
Concen: 38.617 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.8	11.8
92	105.7	85.0	127.4

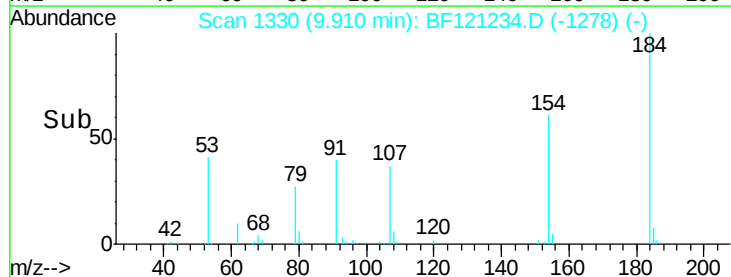
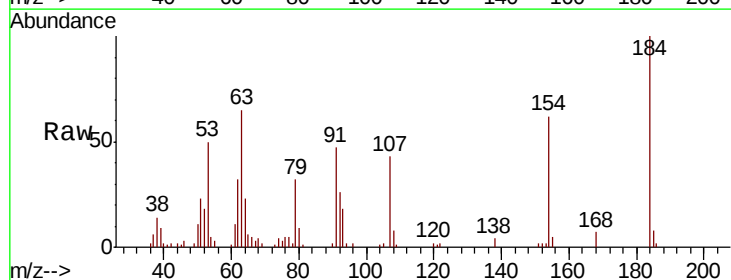
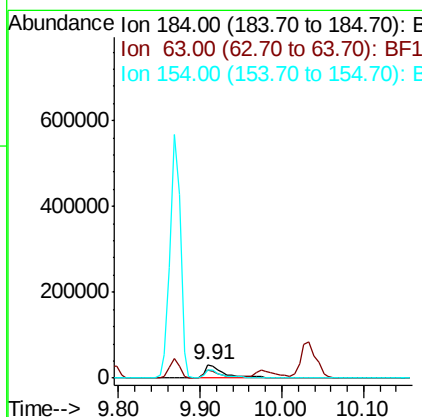
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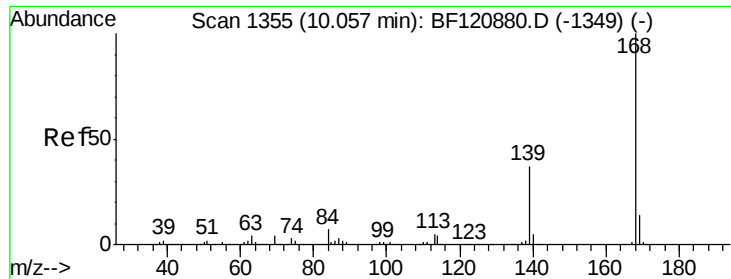
mohammad
8/12/2020 10:50:01 AM



#54
2,4-Dinitrophenol
Concen: 32.489 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	42.5	63.7#
154	62.1	46.8	70.2





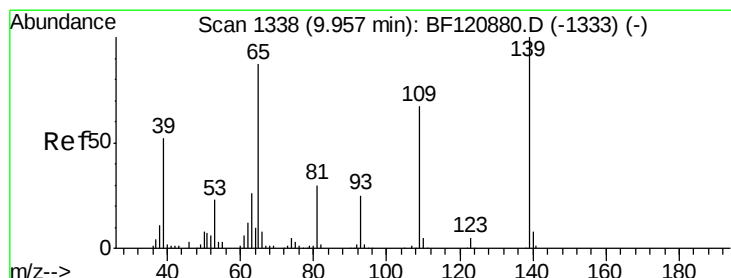
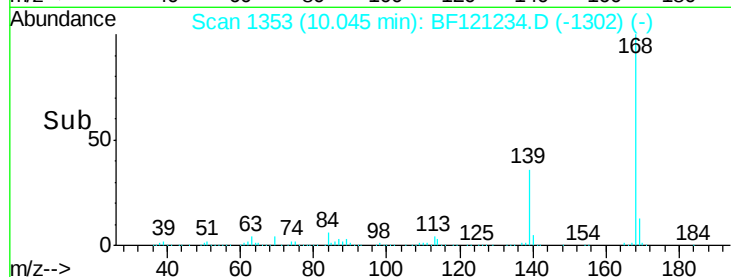
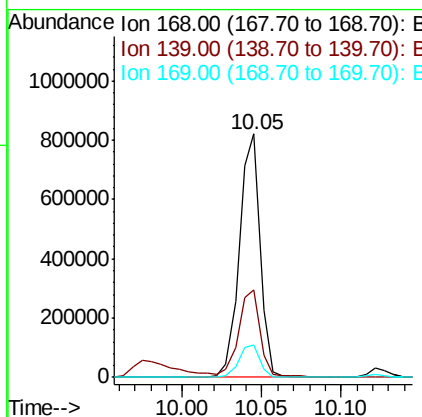
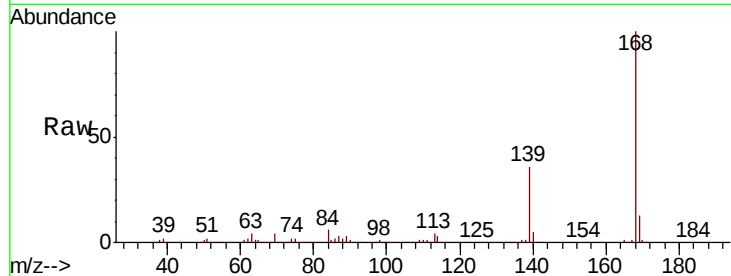
#55
Dibenzofuran
Concen: 39.436 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	13.3	11.3	16.9

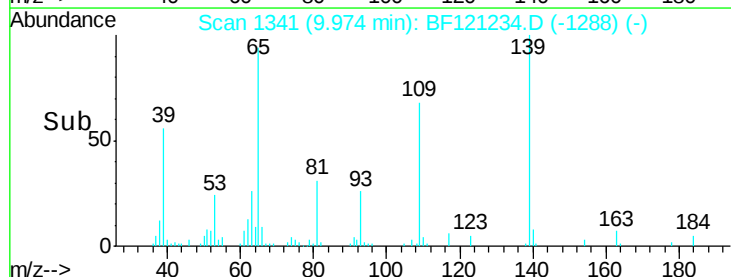
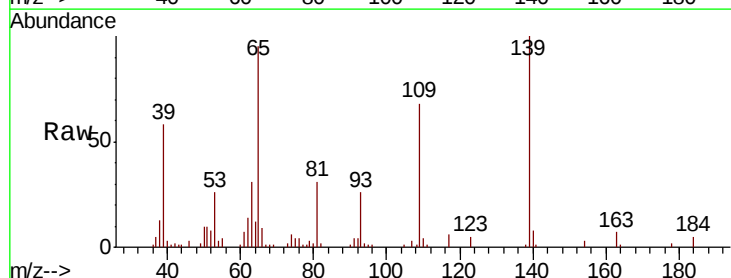
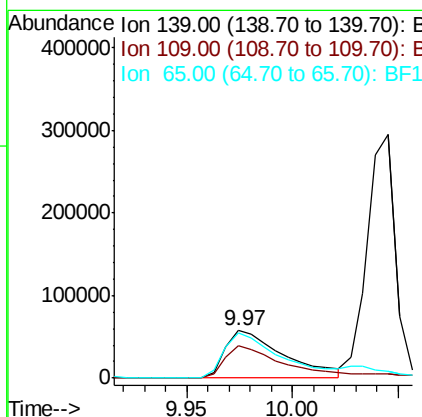
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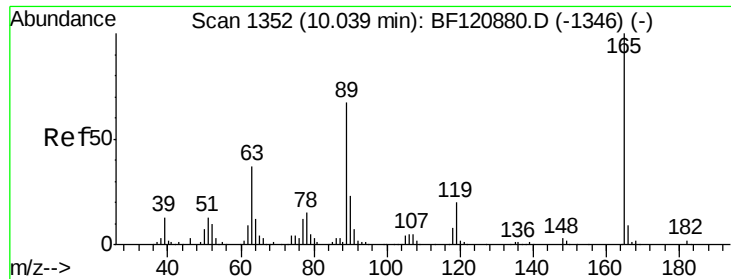
mohammad
8/12/2020 10:50:01 AM



#56
4-Nitrophenol
Concen: 35.501 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	44.8	84.8
65	94.9	65.6	105.6





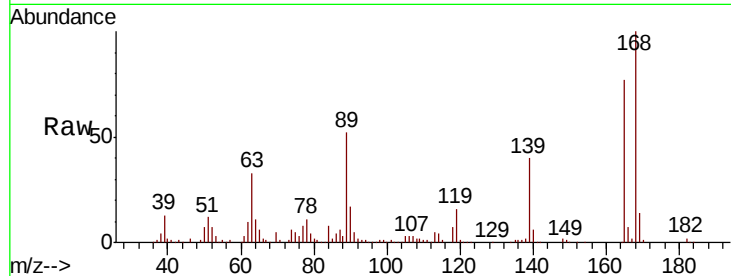
#57
2,4-Dinitrotoluene
Concen: 41.073 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

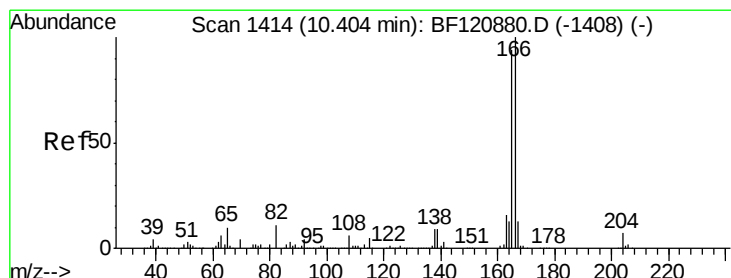
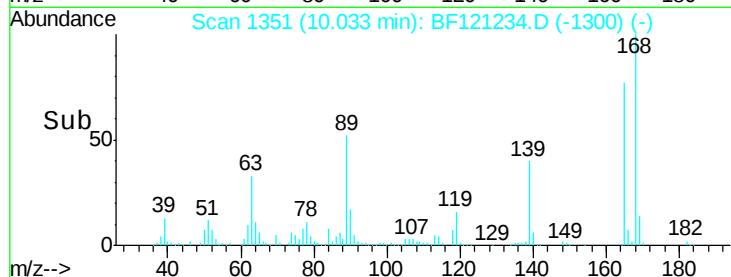
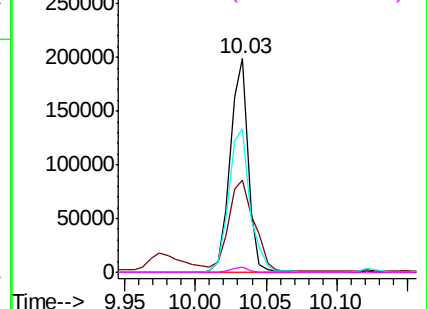
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	29.8	44.8
89	67.3	50.3	75.5
182	2.5	2.1	3.1

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8/12/2020 10:50:01 AM



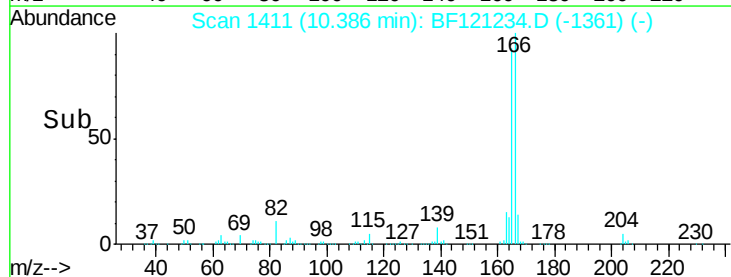
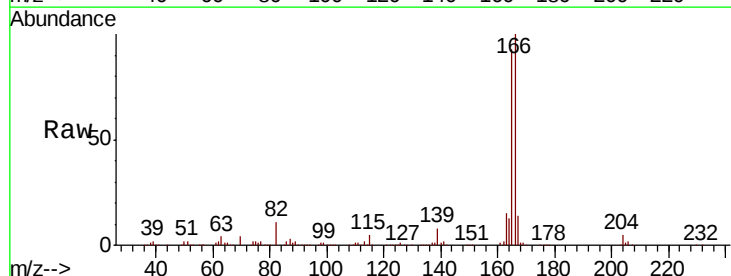
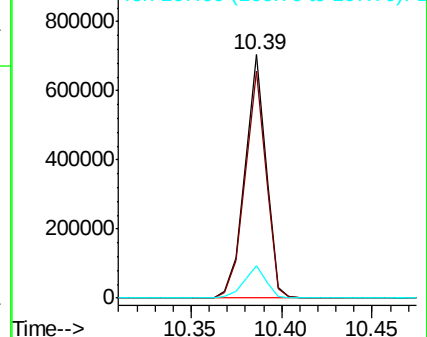
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

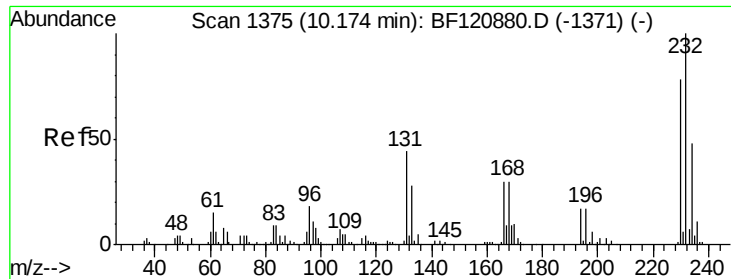


#58
Fluorene
Concen: 40.700 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	76.4	114.6
167	13.5	10.7	16.1

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





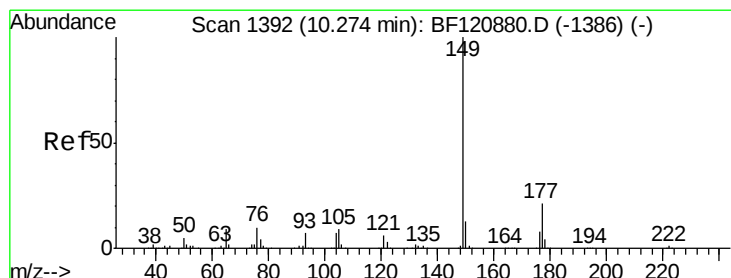
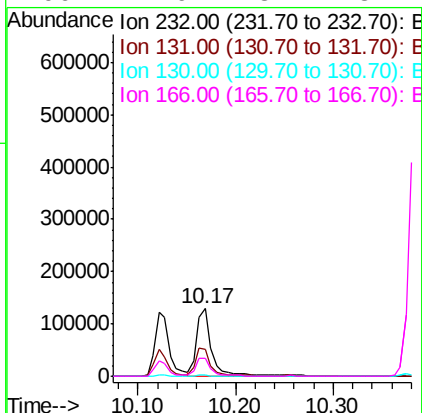
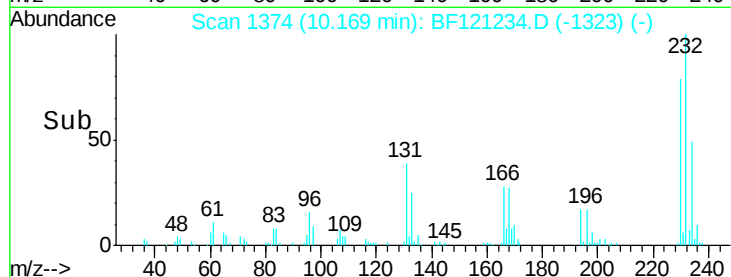
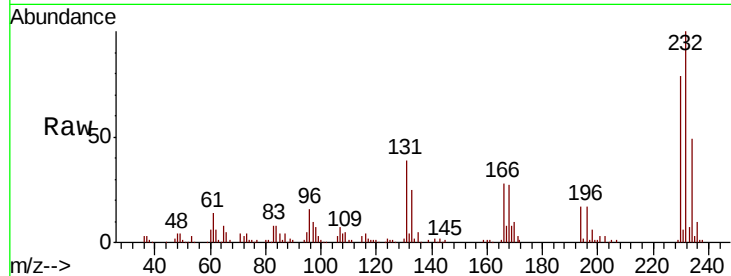
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.743 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.2	51.2
130	1.9	1.7	2.5
166	27.6	23.1	34.7

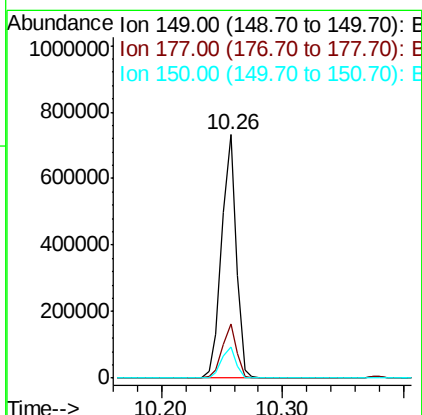
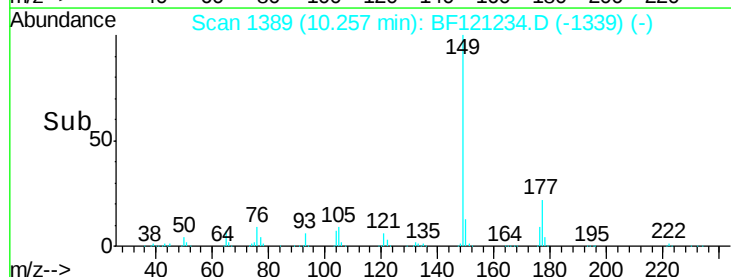
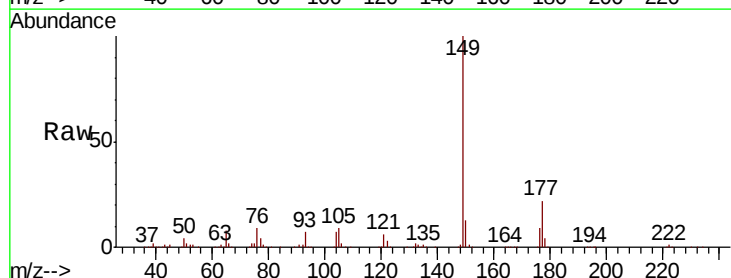
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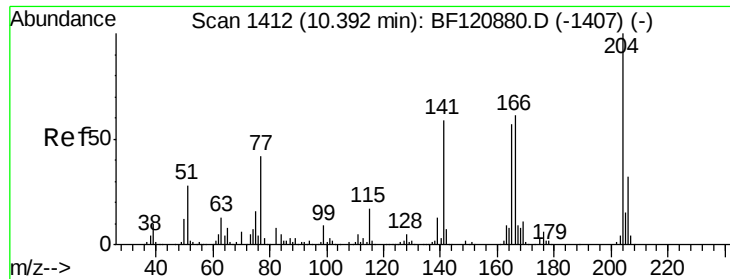
mohammad
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#60
Diethylphthalate
Concen: 39.517 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.6	10.2	15.4





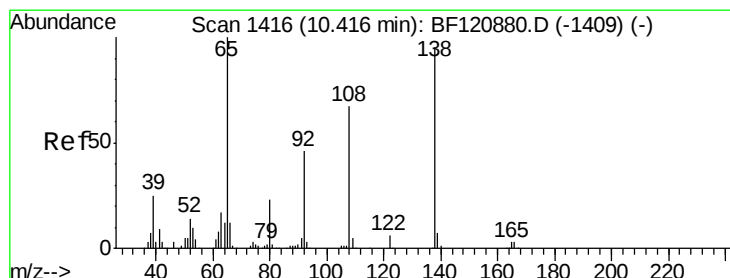
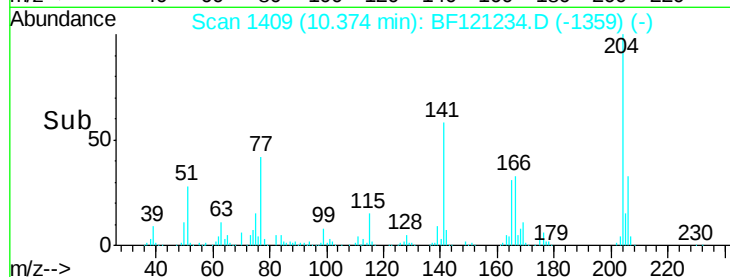
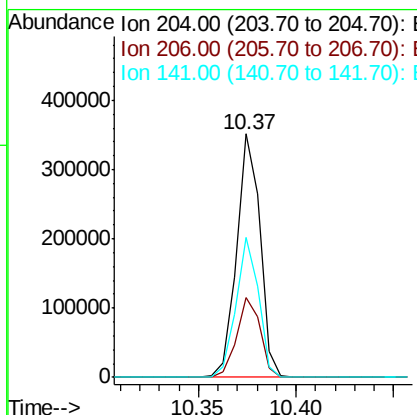
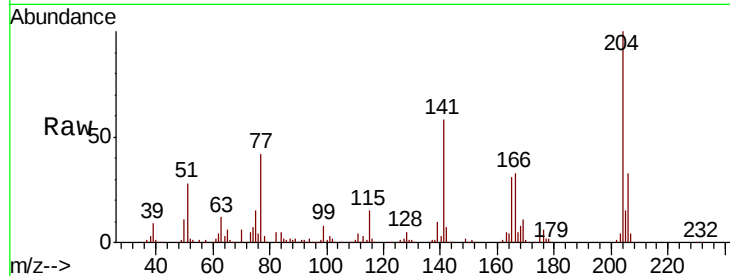
#61
 4-Chlorophenyl-phenylether
 Concen: 39.036 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	291837
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.0	39.0
141	57.5	46.9	70.3

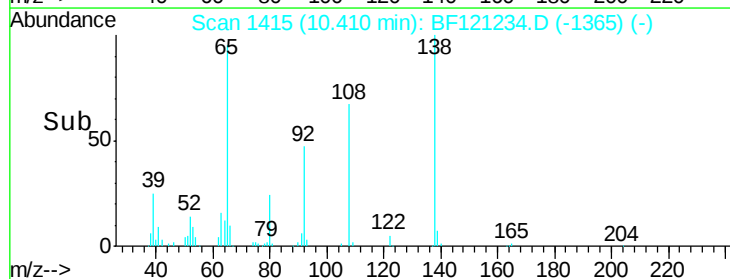
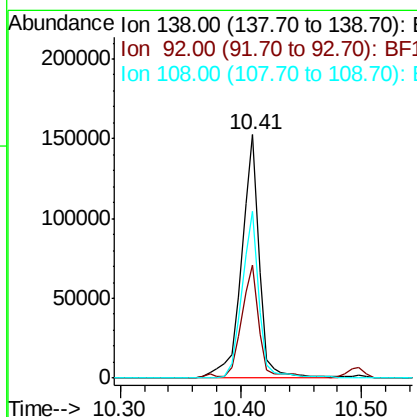
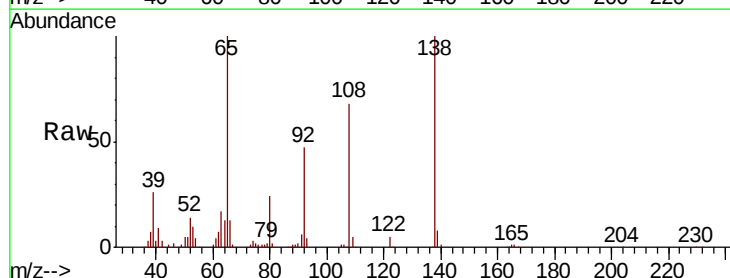
Manual Integrations
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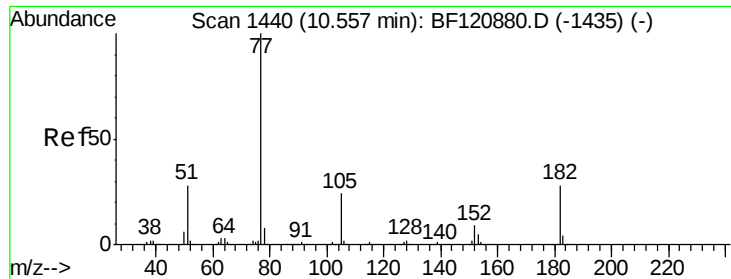
mohammad
 8/12/2020 10:50:01 AM



#62
 4-Nitroaniline
 Concen: 39.089 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion:	138	Resp:	156600
Ion Ratio	Lower	Upper	
138	100		
92	46.6	25.2	65.2
108	68.3	46.7	86.7





#63

Azobenzene

Concen: 39.136 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

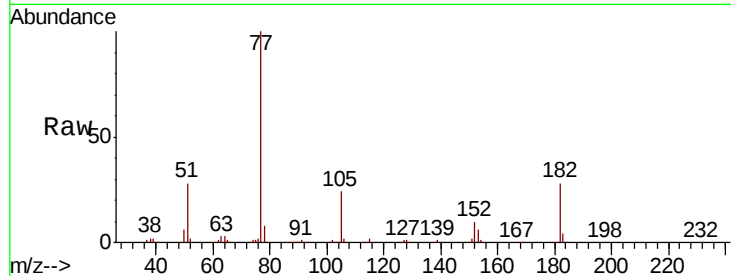
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	4.5	44.5	
105	23.8	3.4	43.4	
51	27.5	8.7	48.7	

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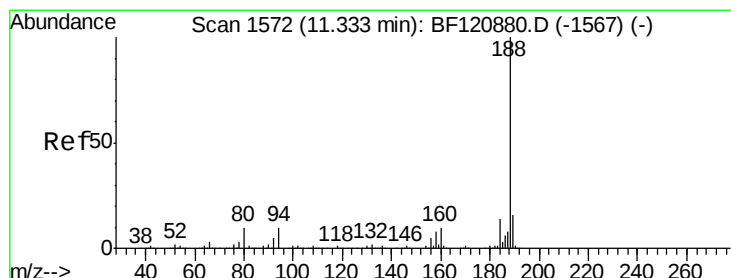
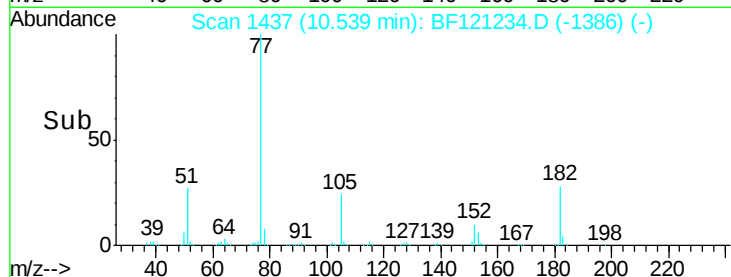
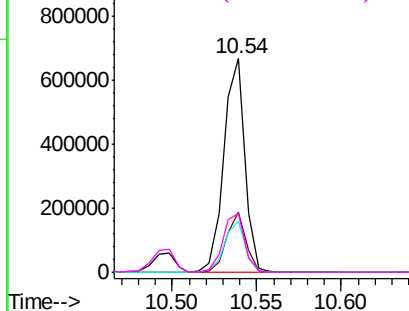


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121234.D

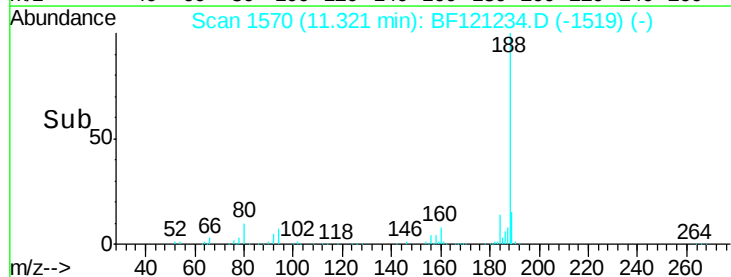
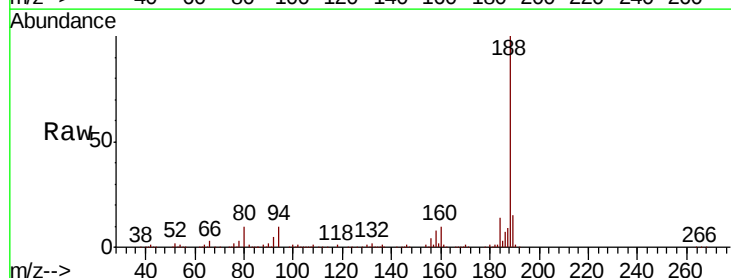
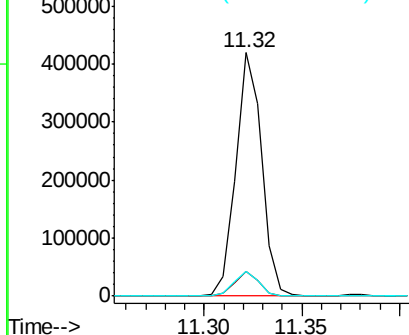
Acq: 10 Aug 2020 12:47

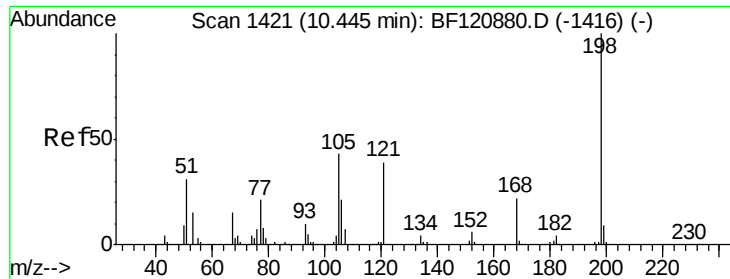
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	8.0	12.0	
80	10.2	8.3	12.5	

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





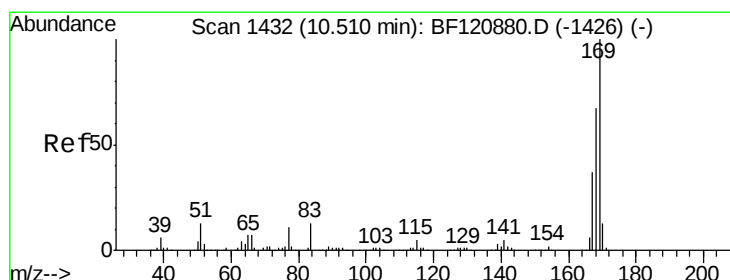
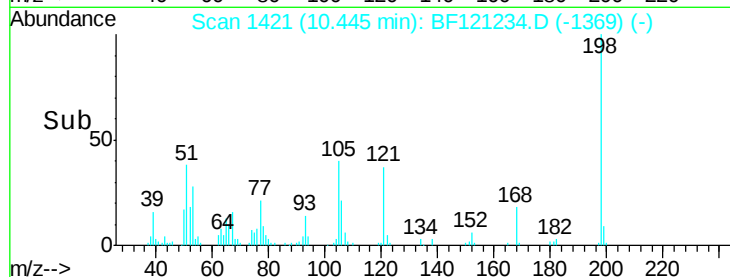
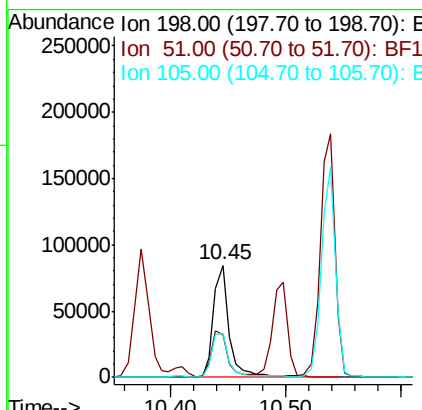
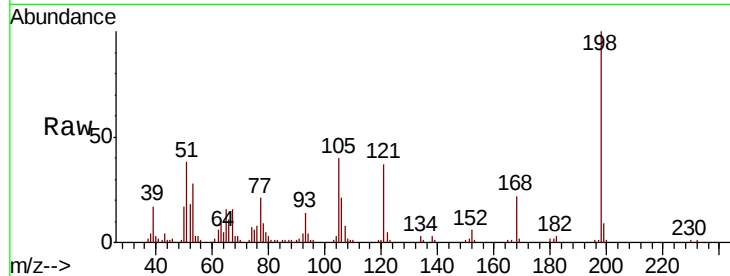
#65
4,6-Dinitro-2-methylphenol
Concen: 37.339 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	23.4	63.4
105	39.6	23.7	63.7

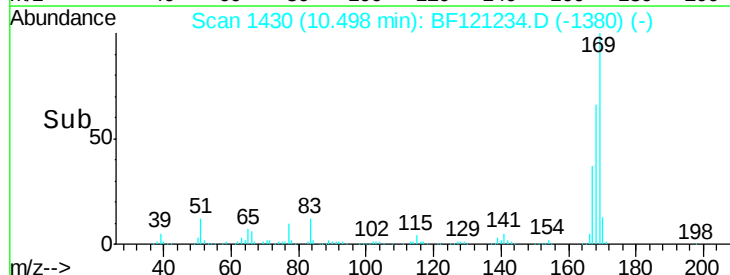
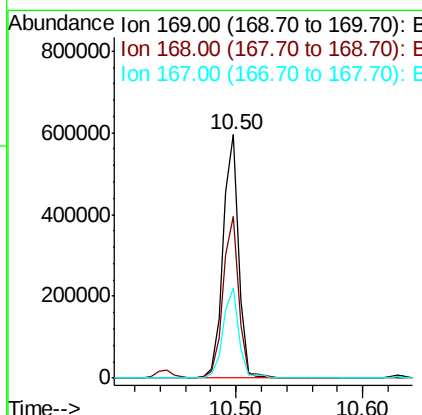
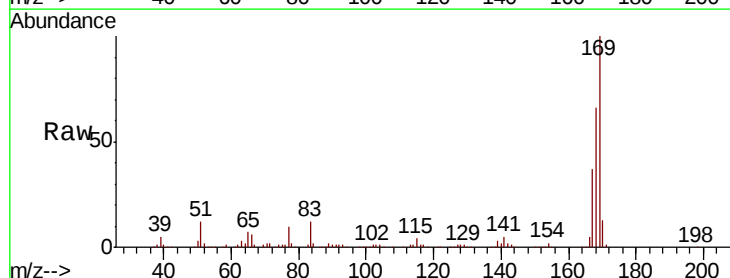
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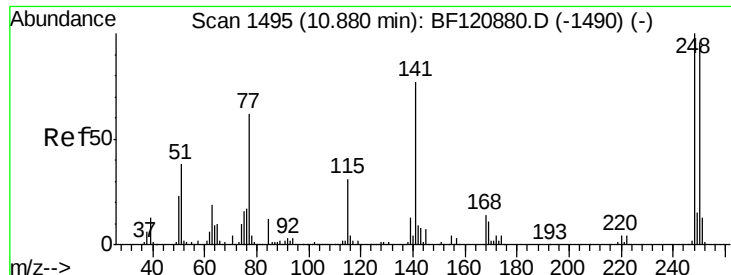
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.034 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.7	80.5
167	36.8	30.0	45.0





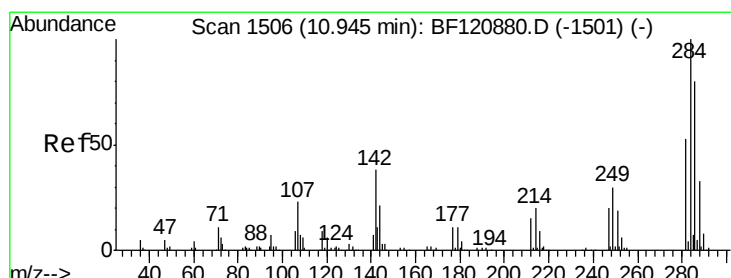
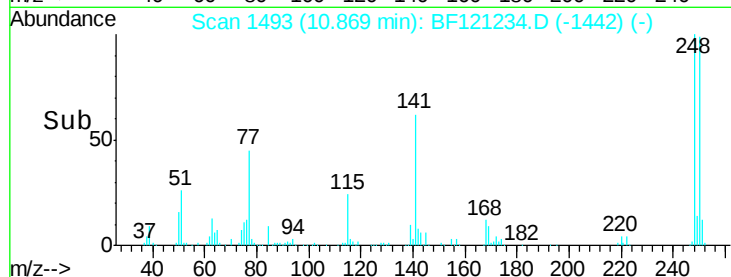
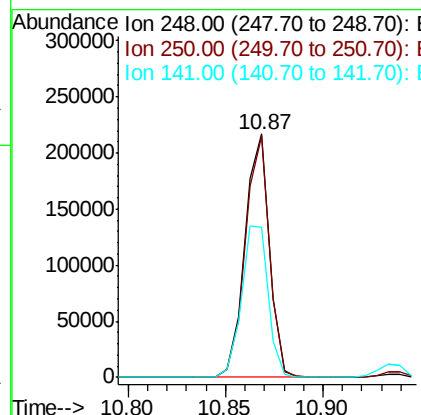
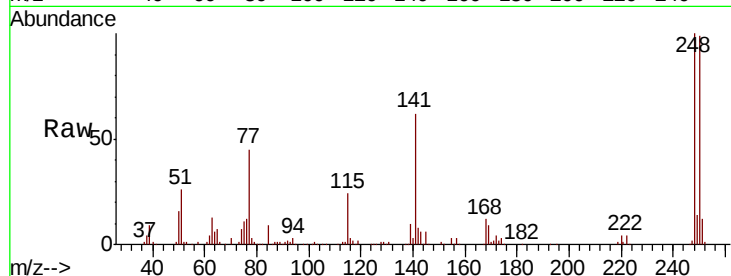
#67
 4-Bromophenyl-phenylether
 Concen: 43.941 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	188419
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.0	115.6
141	61.9	56.6	85.0

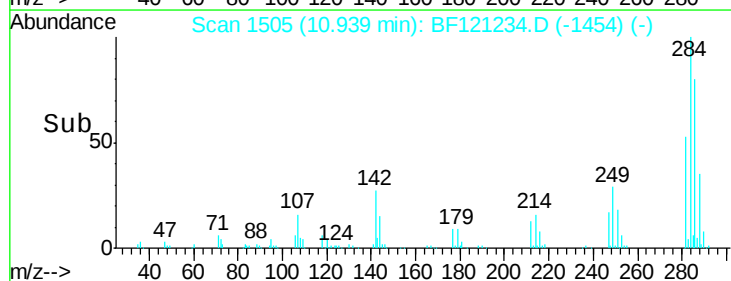
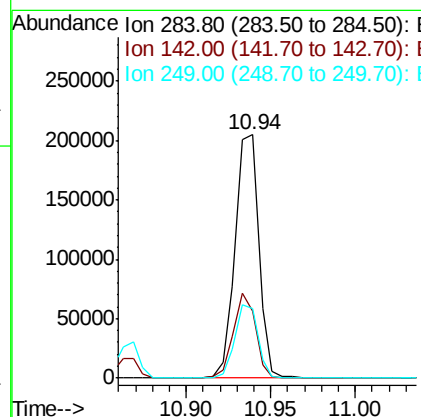
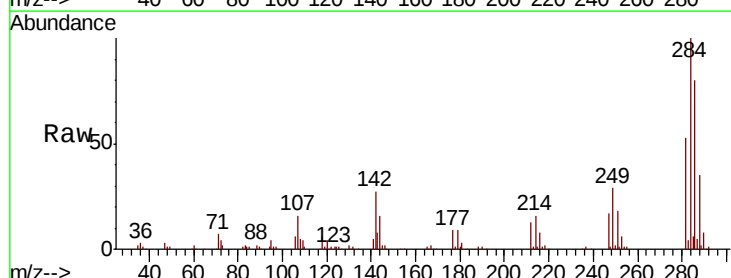
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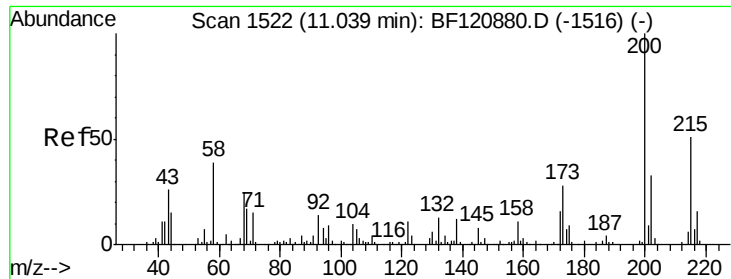
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#68
 Hexachlorobenzene
 Concen: 43.083 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion:	284	Resp:	199839
Ion Ratio	Lower	Upper	
284	100		
142	27.4	21.1	31.7
249	28.8	22.5	33.7





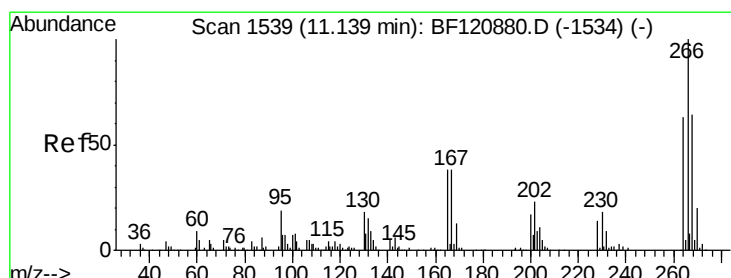
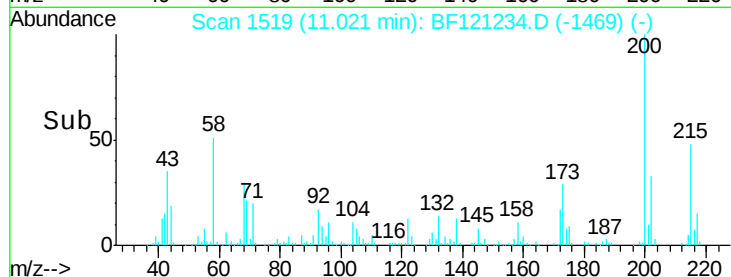
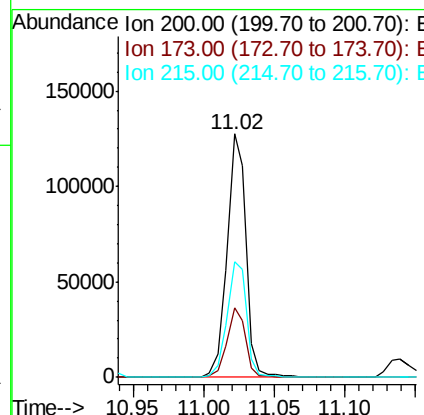
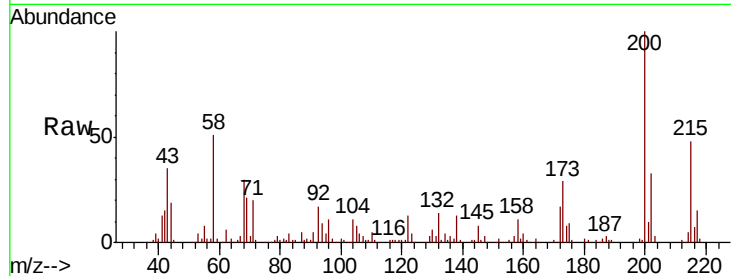
#69
 Atrazine
 Concen: 39.593 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.6	47.6
215	47.7	28.8	68.8

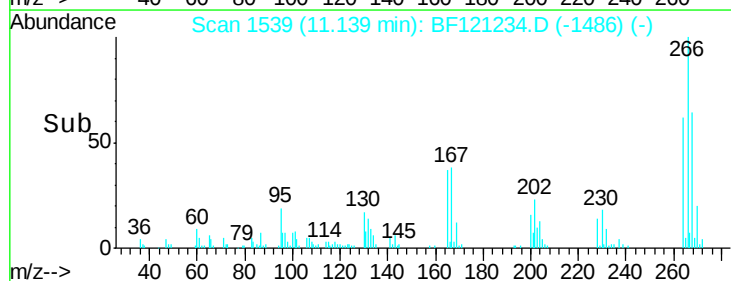
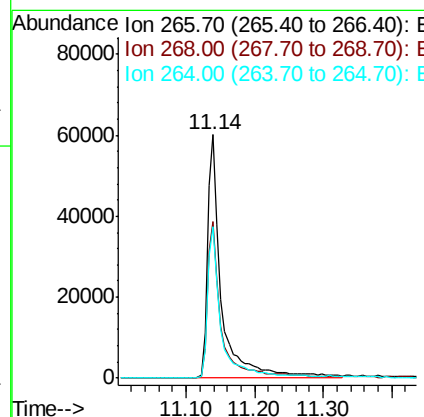
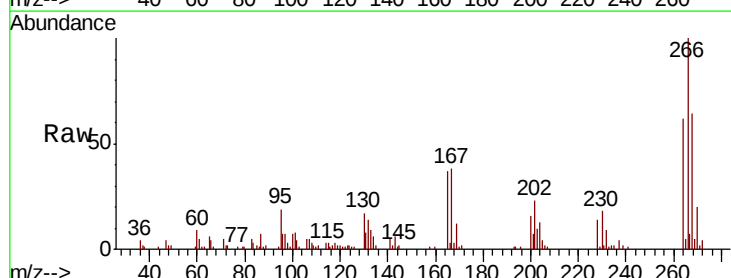
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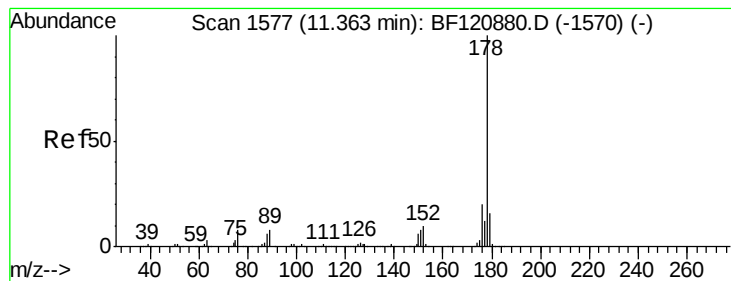
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#70
 Pentachlorophenol
 Concen: 33.167 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	49.7	74.5
264	62.2	50.4	75.6





#71

Phenanthrene

Concen: 40.839 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

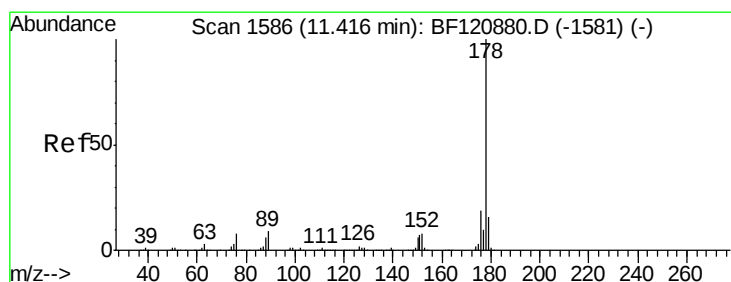
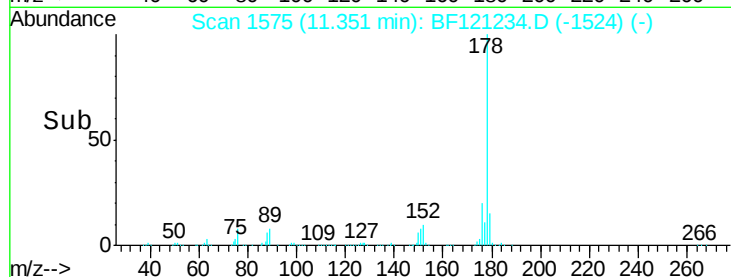
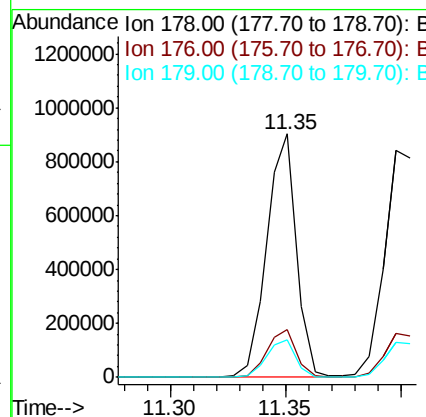
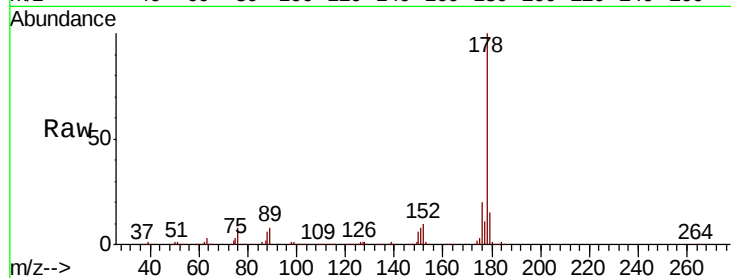
ClientSampleId :

SSTDCCC040

Tot Ion:178	Resp:	807802
Ion Ratio	Lower	Upper
178	100	
176	19.8	16.2 24.2
179	15.4	12.6 19.0

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#72

Anthracene

Concen: 42.025 ng

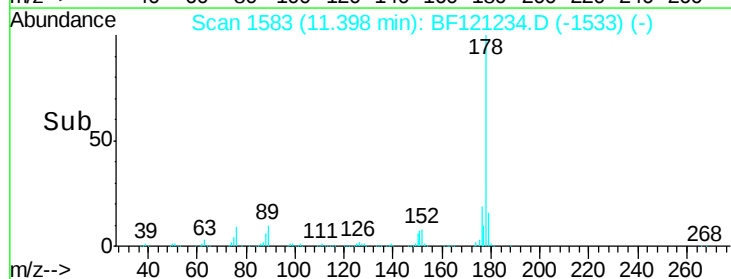
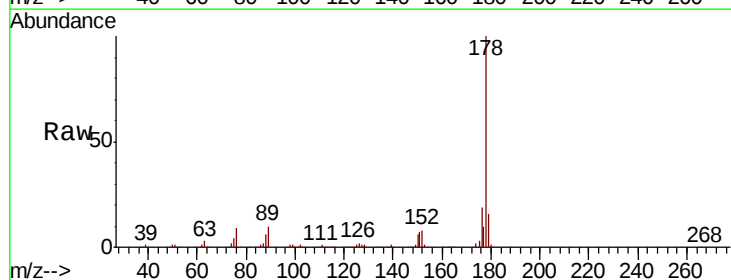
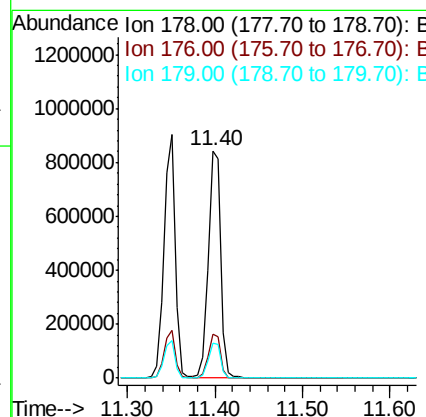
RT: 11.40 min Scan# 1583

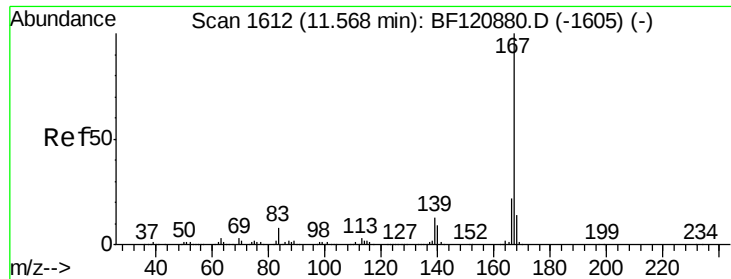
Delta R.T. -0.01 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:178	Resp:	834707
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.8 23.8
179	15.6	12.6 19.0





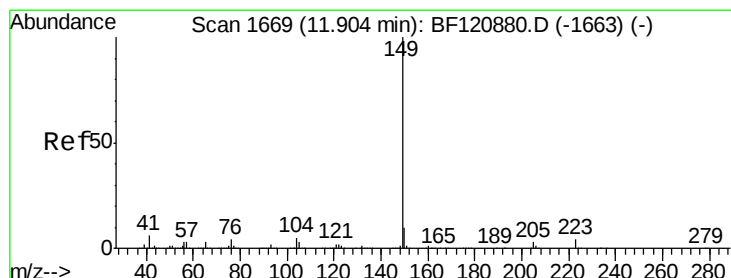
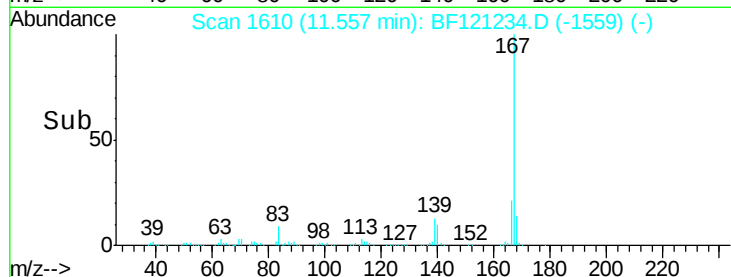
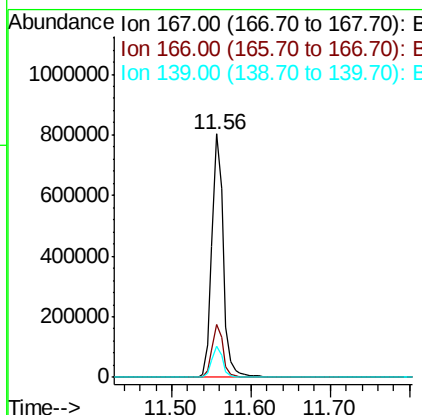
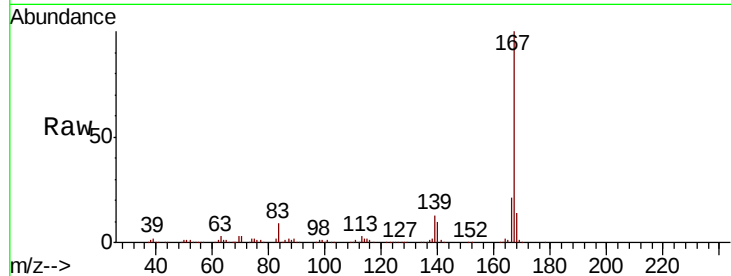
#73
 Carbazole
 Concen: 40.701 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.0	10.5	15.7

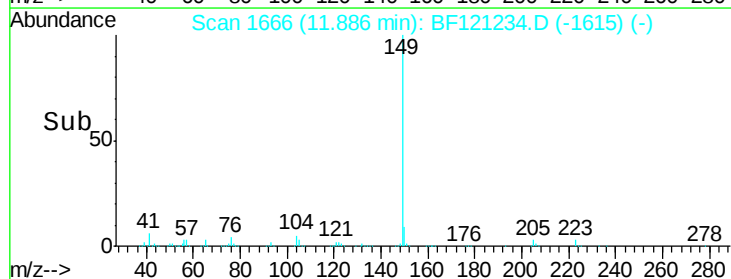
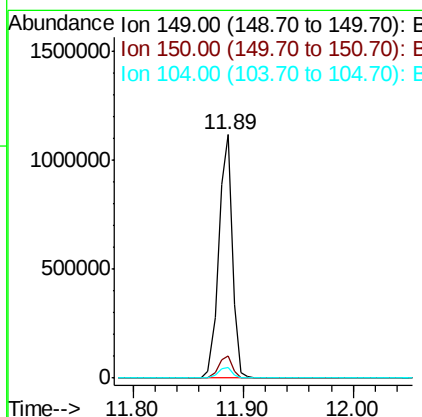
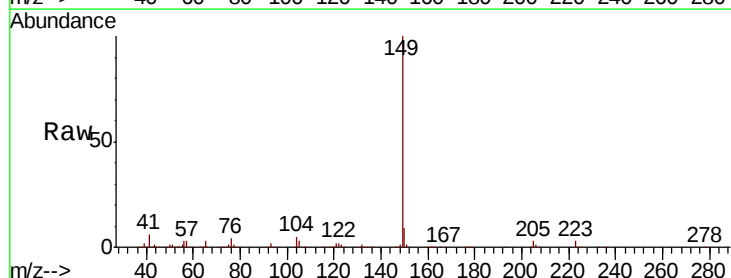
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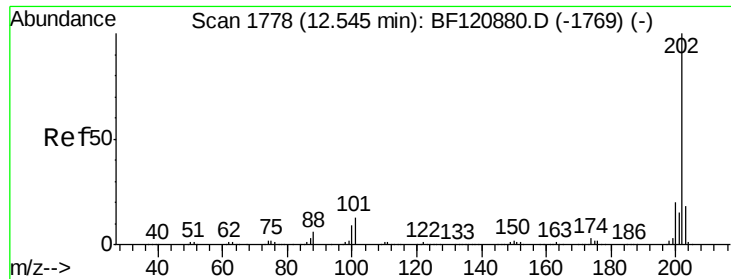
mohammad
 8/12/2020 10:50:01 AM



#74
 Di-n-butylphthalate
 Concen: 41.864 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.8
104	4.5	3.9	5.9





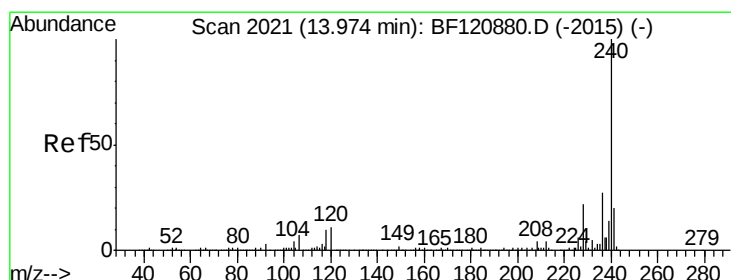
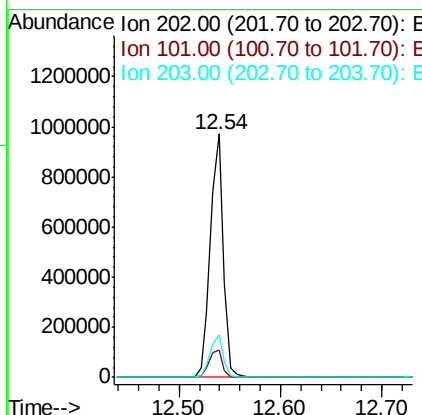
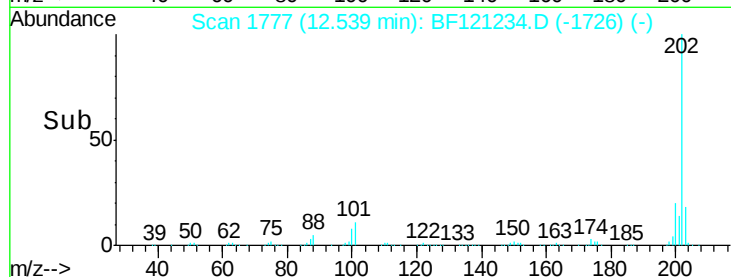
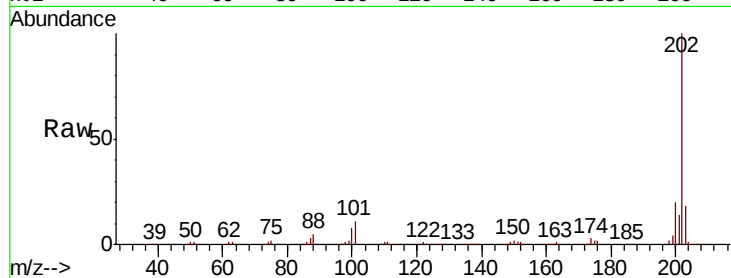
#75
Fluoranthene
Concen: 39.543 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	866975		
101	11.1	0.0	30.5	
203	17.6	0.0	37.7	

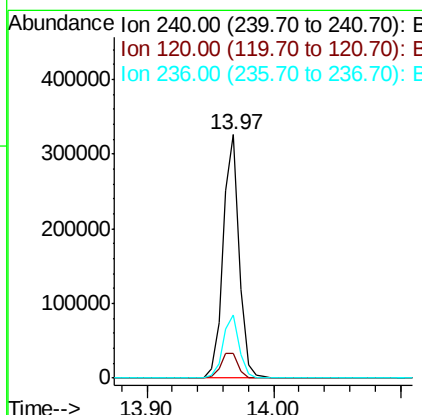
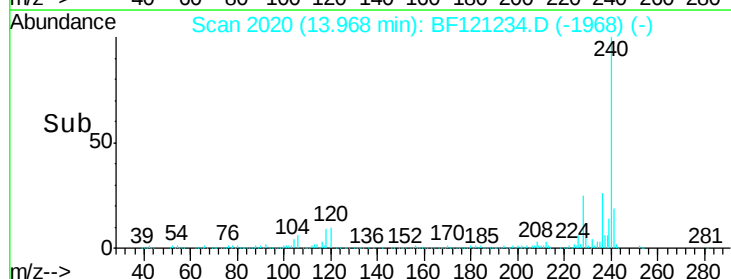
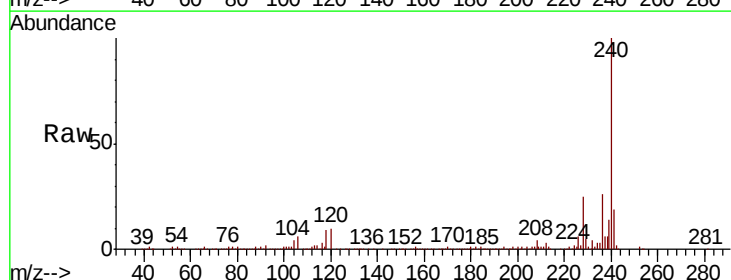
Manual Integrations
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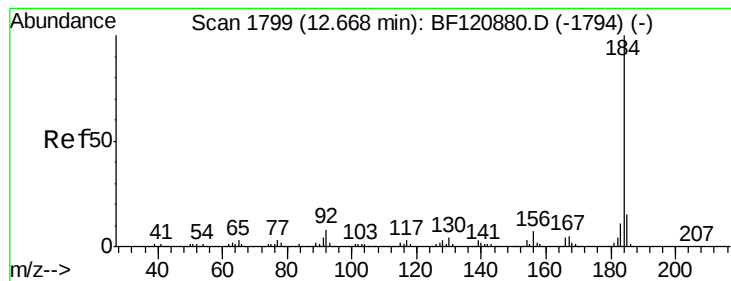
mohammad
8/12/2020 10:50:01 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	287391		
120	10.0	9.3	13.9	
236	25.7	21.1	31.7	





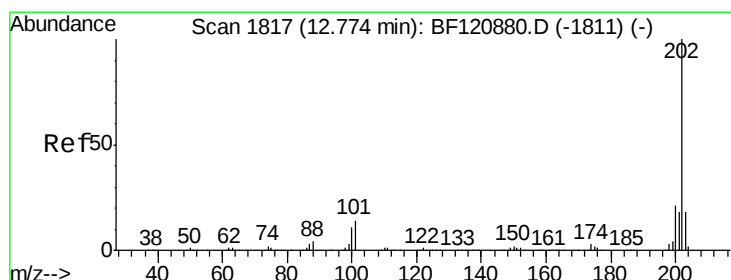
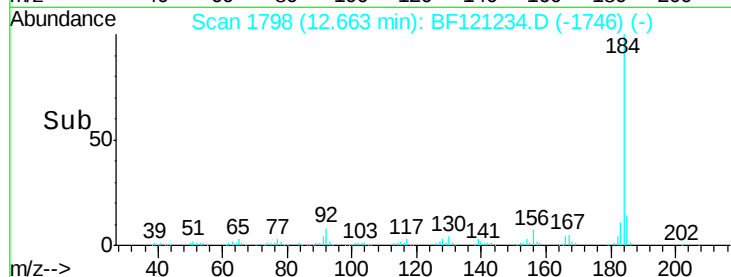
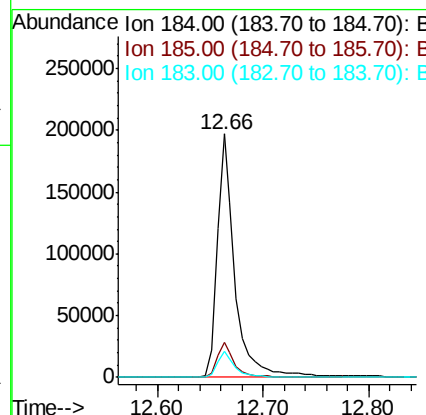
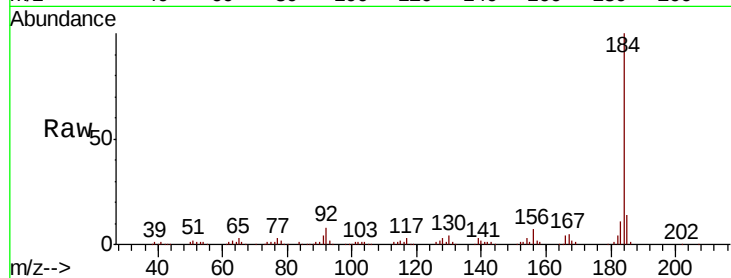
#77
Benzidine
Concen: 30.670 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	184	Resp:	231741
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.1	18.1
183	10.6	9.0	13.4

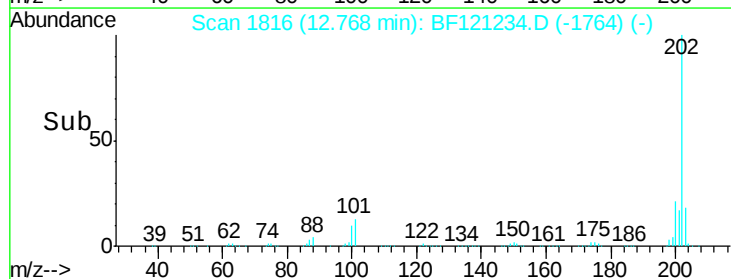
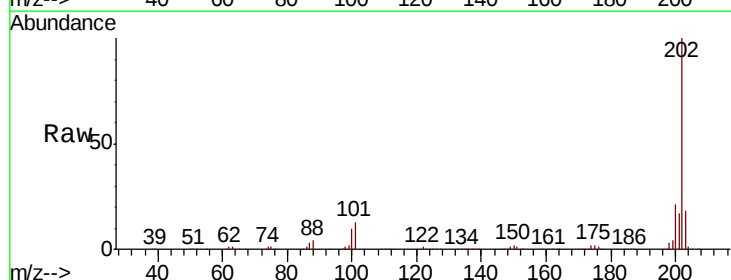
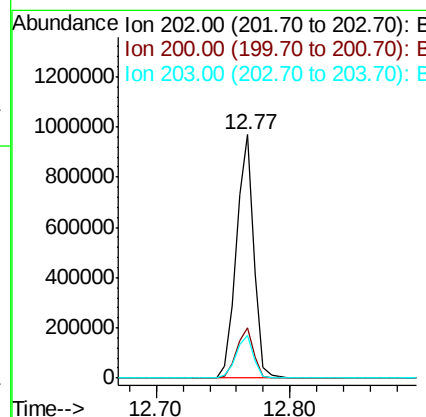
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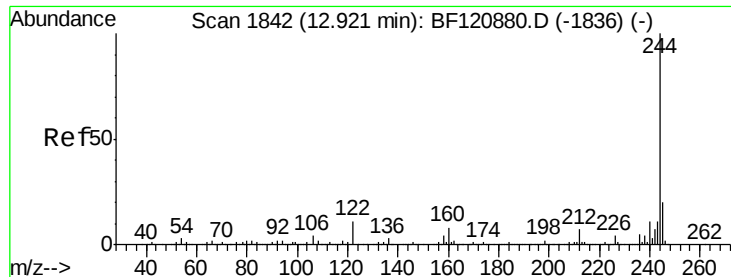
mohammad
8/12/2020 10:50:01 AM



#78
Pyrene
Concen: 43.714 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion:	202	Resp:	888204
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.6
203	17.5	14.6	21.8





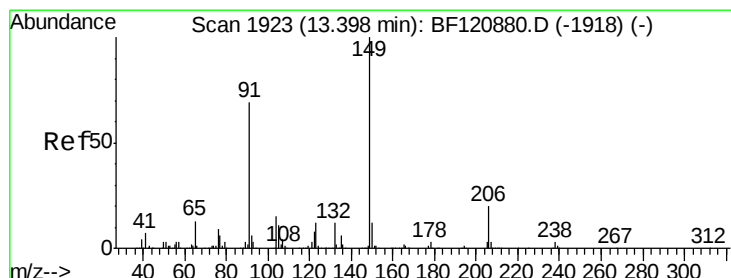
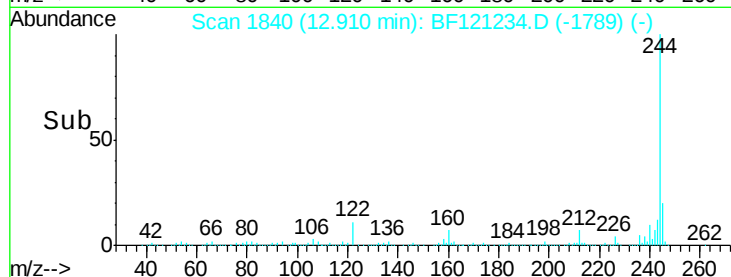
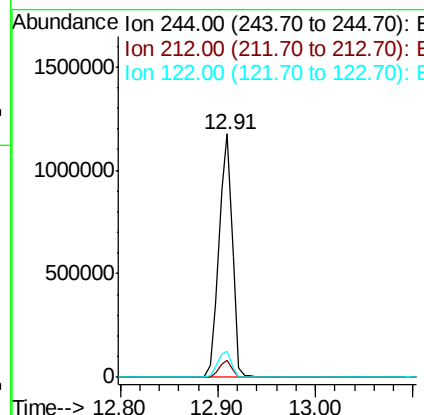
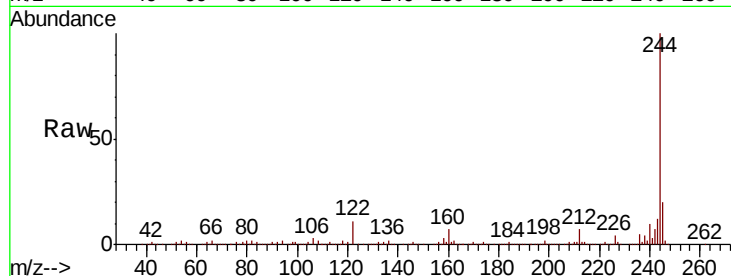
#79
 Terphenyl-d14
 Concen: 84.380 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1115569
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.8 8.3 12.5

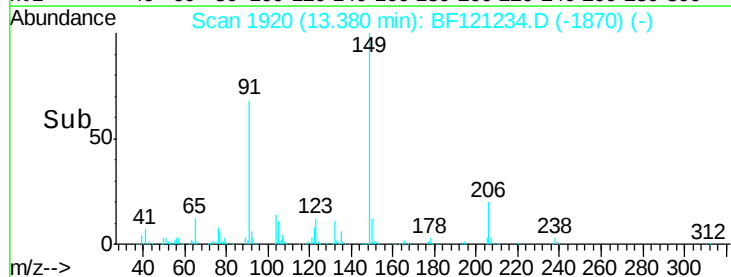
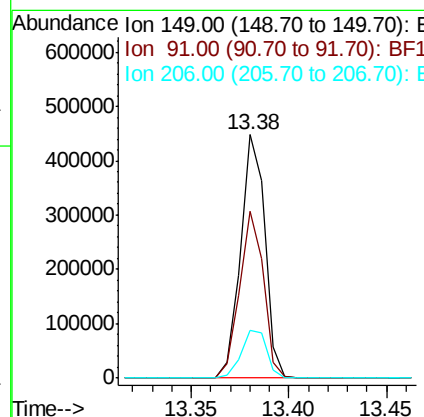
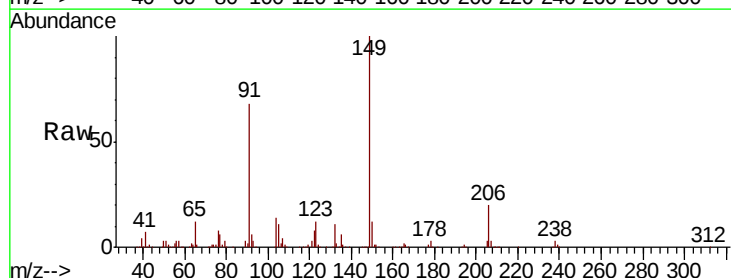
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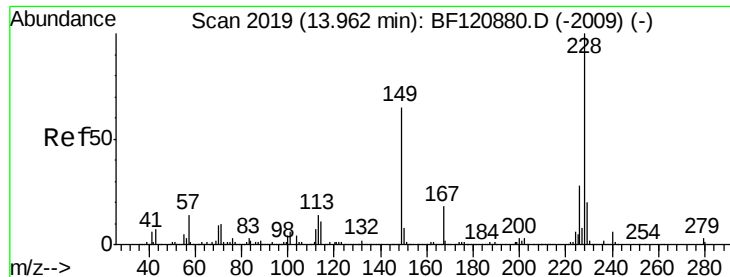
mohammad
 8/12/2020 10:50:01 AM



#80
 Butylbenzylphthalate
 Concen: 42.797 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF121234.D
 Acq: 10 Aug 2020 12:47

Tgt Ion:149 Resp: 387650
 Ion Ratio Lower Upper
 149 100
 91 68.4 51.4 77.0
 206 19.7 17.9 26.9





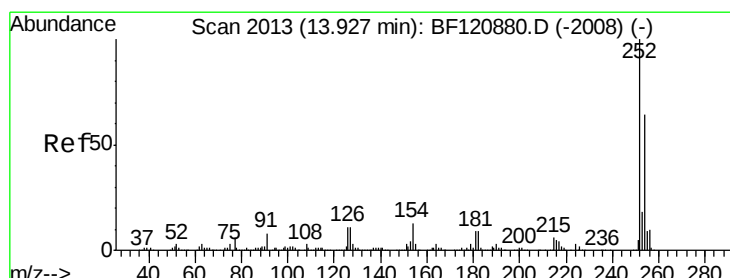
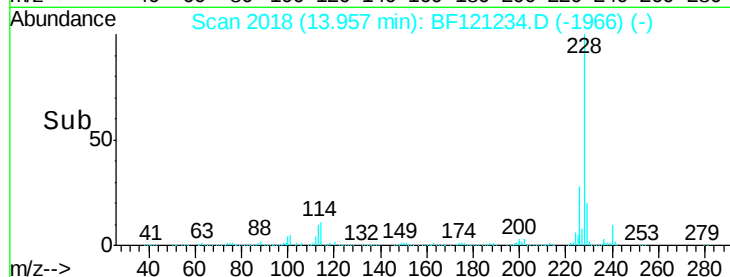
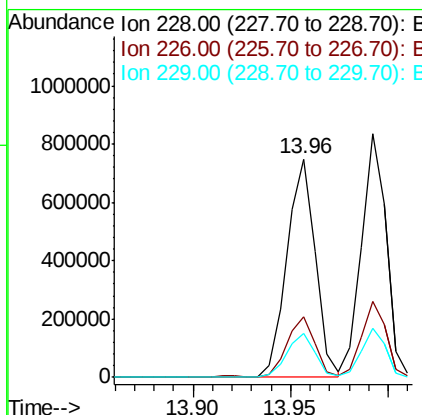
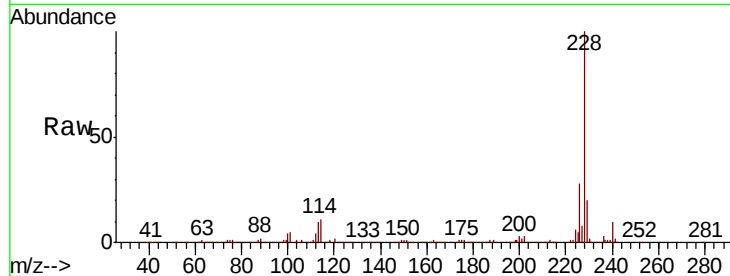
#81
Benzo(a)anthracene
Concen: 43.439 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	20.1	16.1	24.1

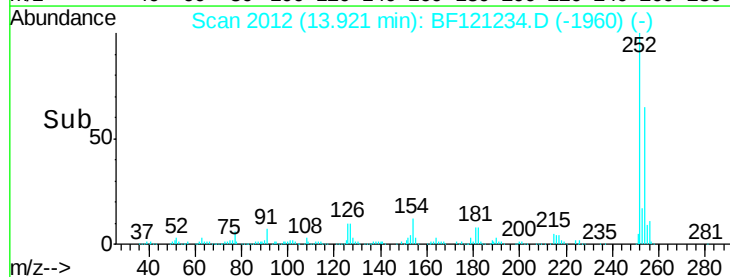
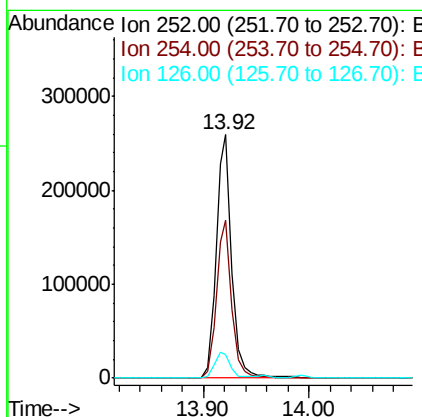
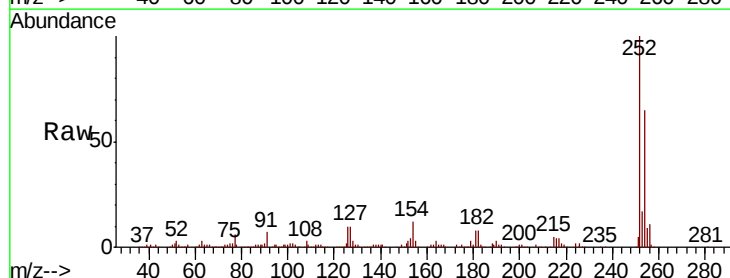
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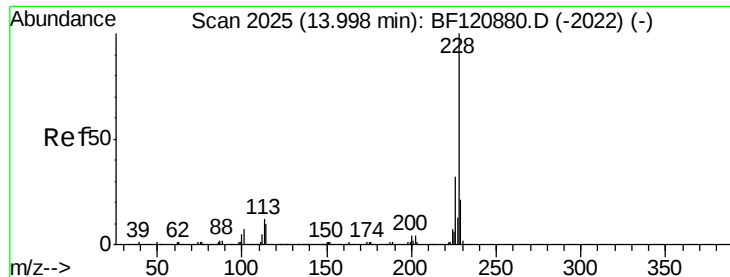
mohammad
8/12/2020 10:50:01 AM



#82
3,3'-Dichlorobenzidine
Concen: 41.120 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	9.9	9.2	13.8





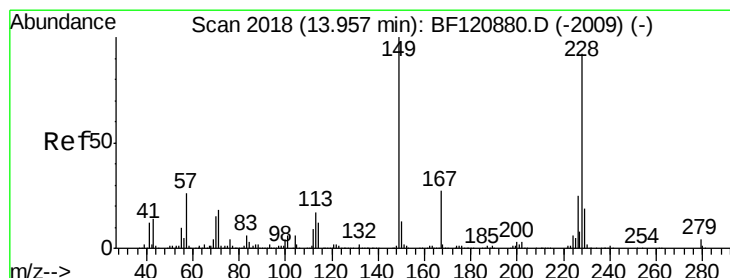
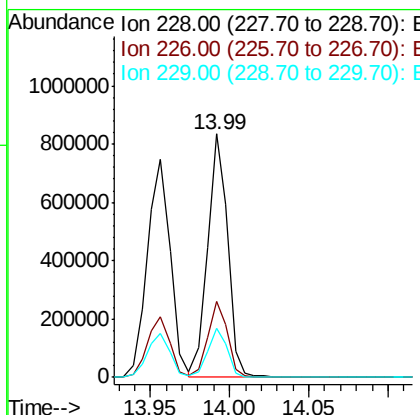
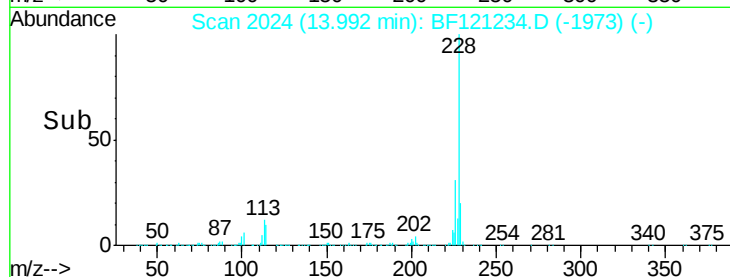
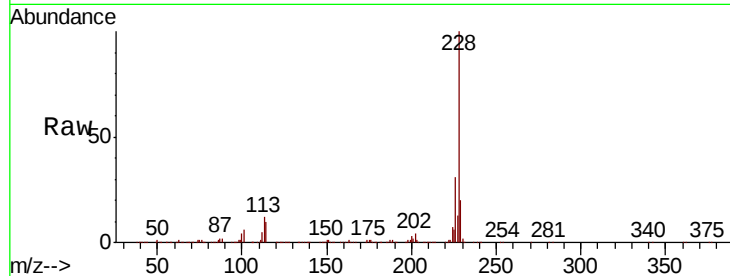
#83
Chrysene
Concen: 40.413 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.1	16.2	24.4

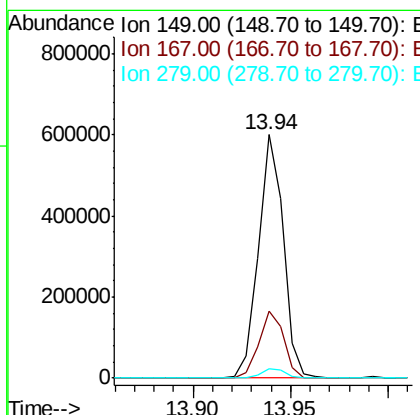
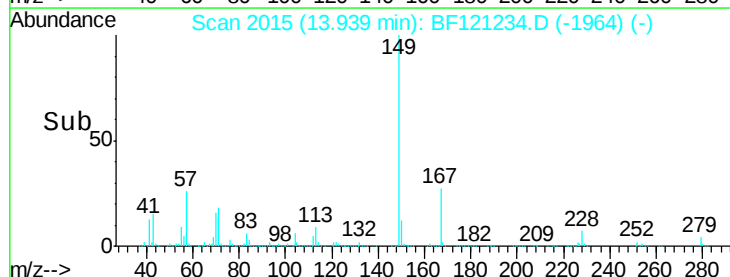
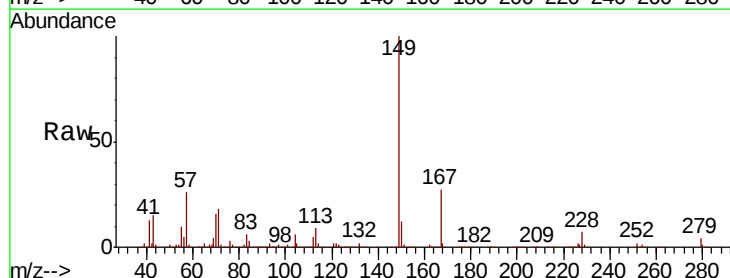
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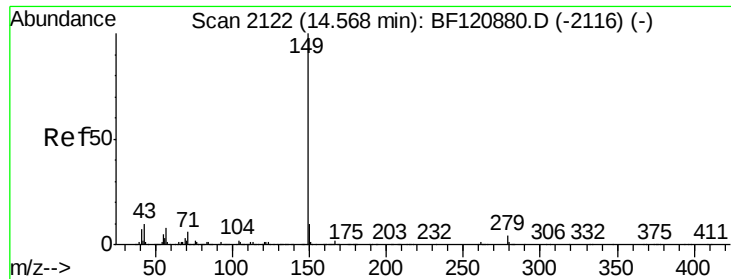
mohammad
8/12/2020 10:50:01 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.387 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.6
279	3.7	2.9	4.3





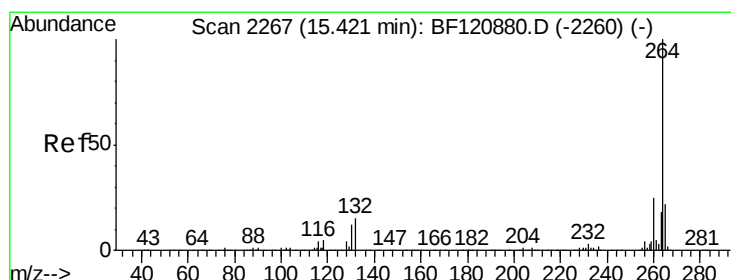
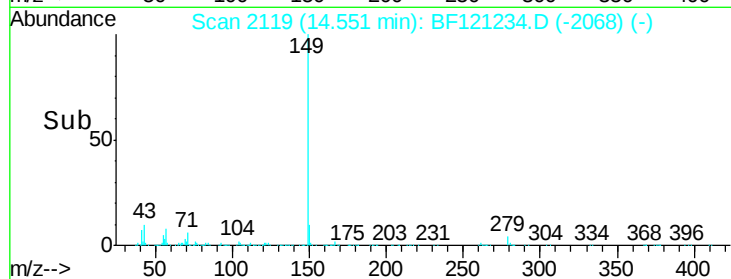
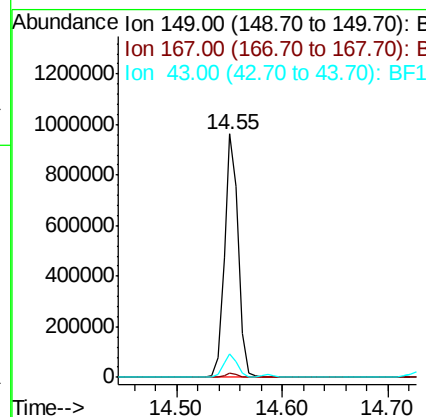
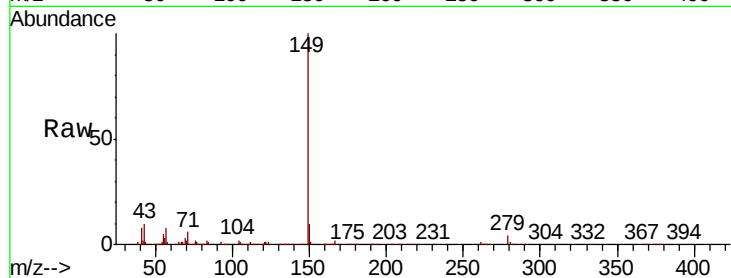
#85
Di-n-octyl phthalate
Concen: 39.472 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	877119		
167	1.6		1.3	1.9
43	9.7		7.5	11.3

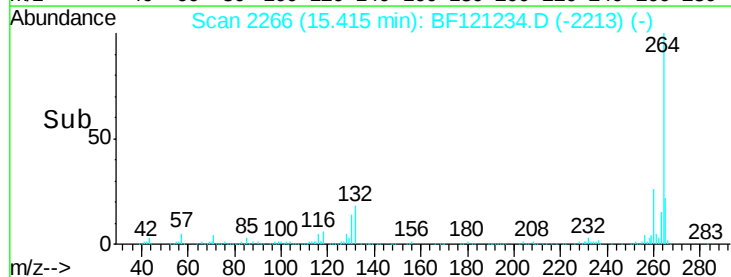
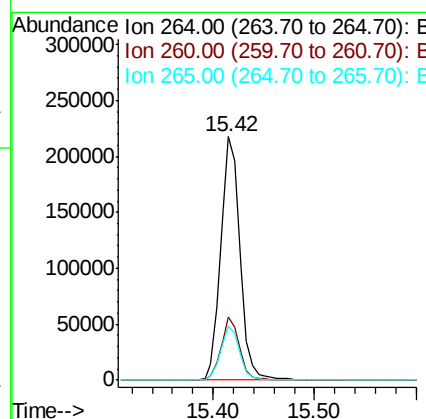
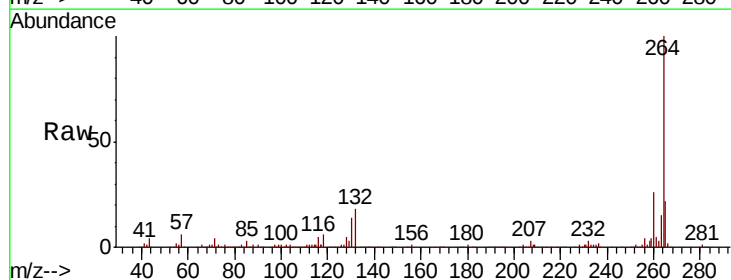
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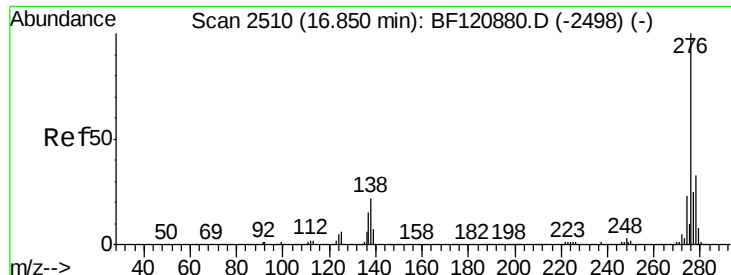
mohammad
8/12/2020 10:50:01 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	288074		
260	25.7		19.9	29.9
265	22.1		17.8	26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.861 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.03 min

Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Instrument :

BNA_F

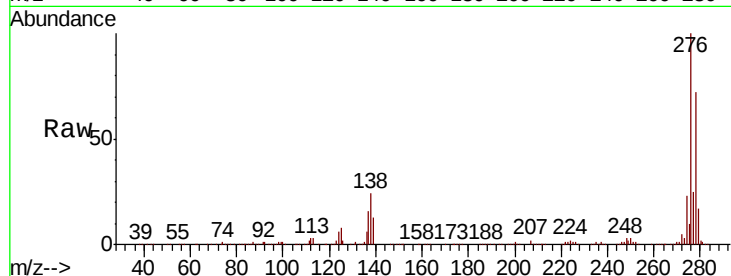
ClientSampleId :

SSTDCCC040

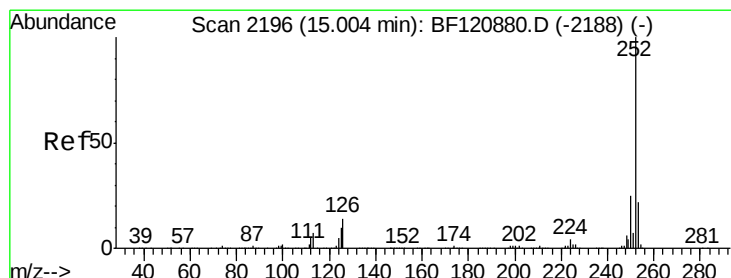
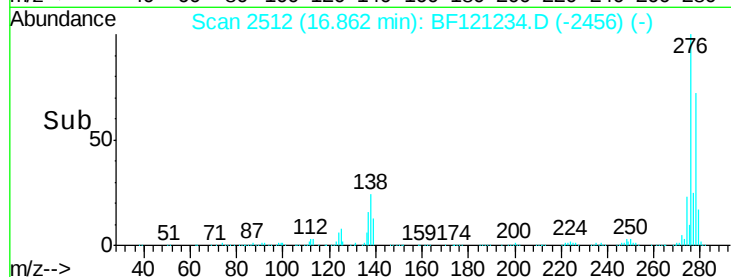
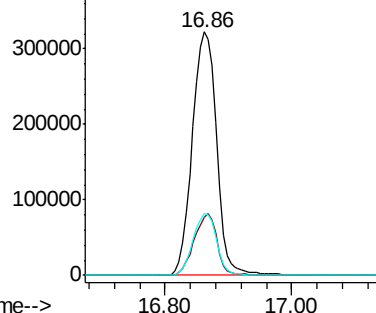
Tot Ion:	276	Resp:	858693
Ion Ratio	Lower	Upper	
276	100		
138	24.0	19.3	28.9
277	25.0	20.1	30.1

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



#88

Benzo(b)fluoranthene

Concen: 40.280 ng

RT: 15.00 min Scan# 2195

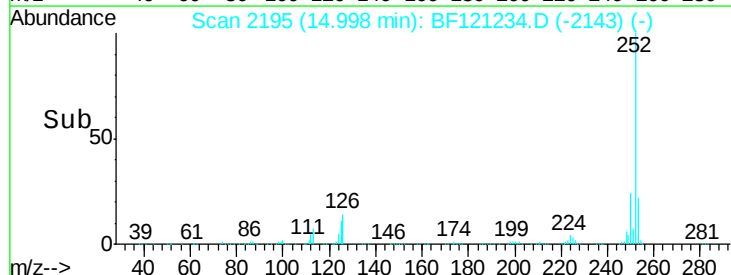
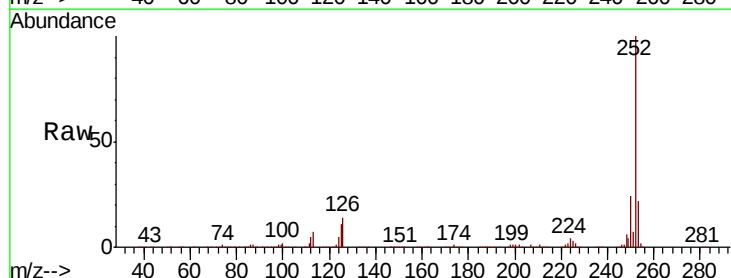
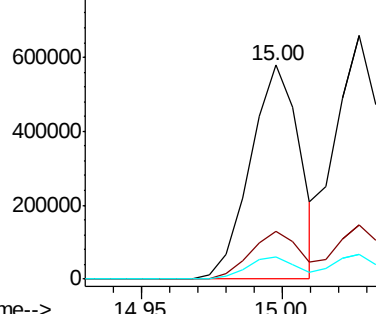
Delta R.T. 0.01 min

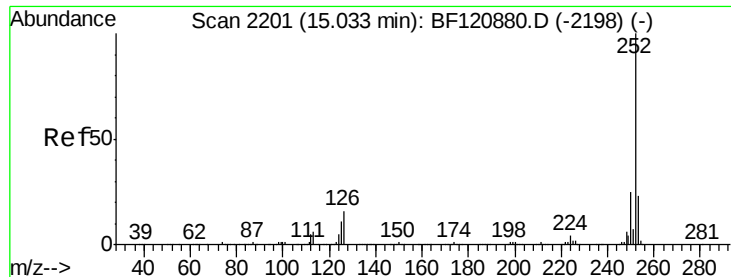
Lab File: BF121234.D

Acq: 10 Aug 2020 12:47

Tgt Ion:	252	Resp:	701401
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	10.6	8.1	12.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





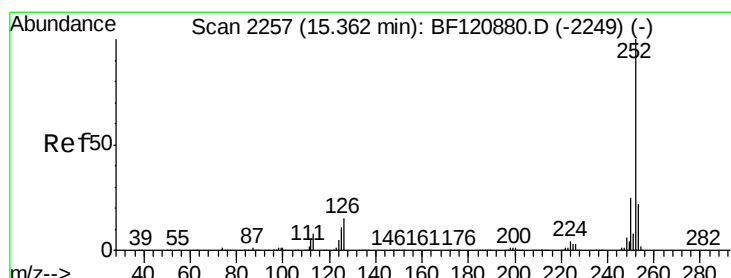
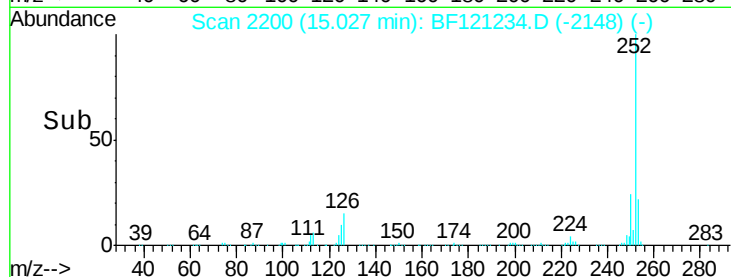
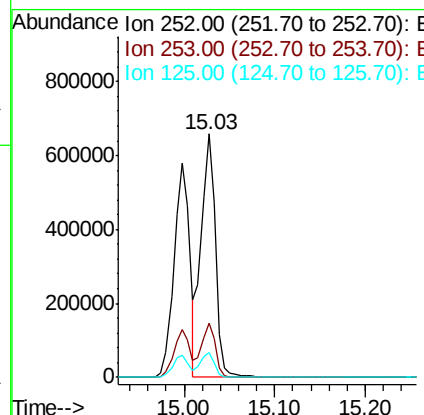
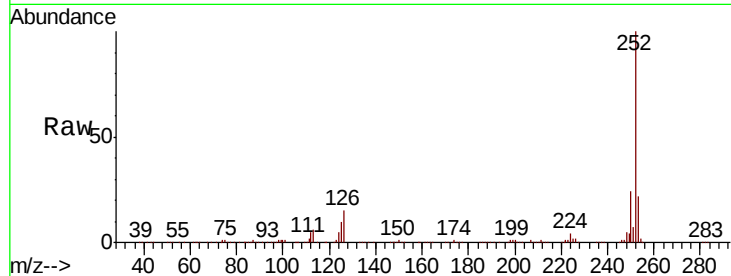
#89
Benzo(k)fluoranthene
Concen: 45.737 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.2	8.0	12.0

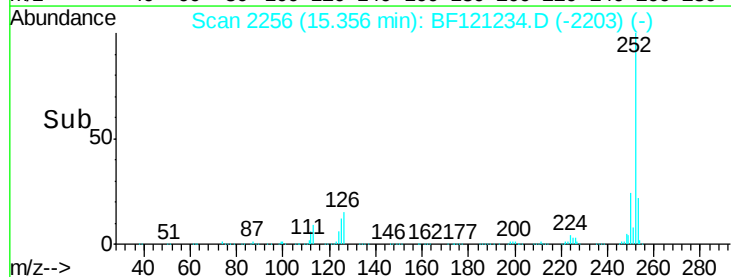
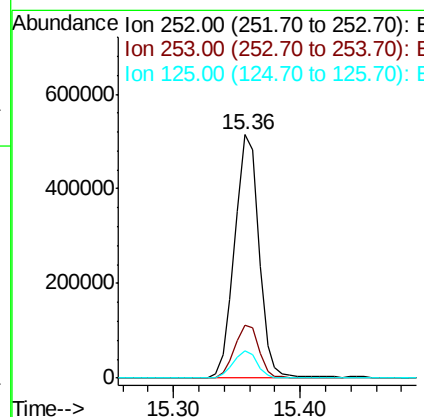
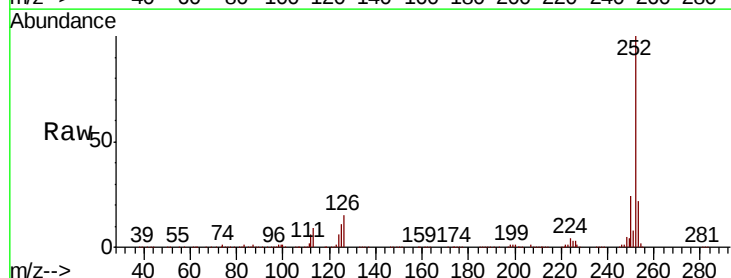
Manual Integrations
APPROVED

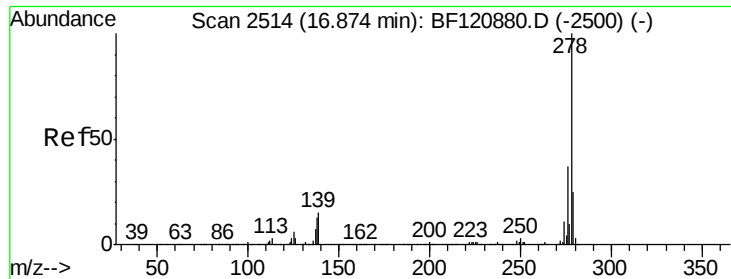
mohammad
8/12/2020 10:50:01 AM



#90
Benzo(a)pyrene
Concen: 43.096 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.5	9.5	14.3





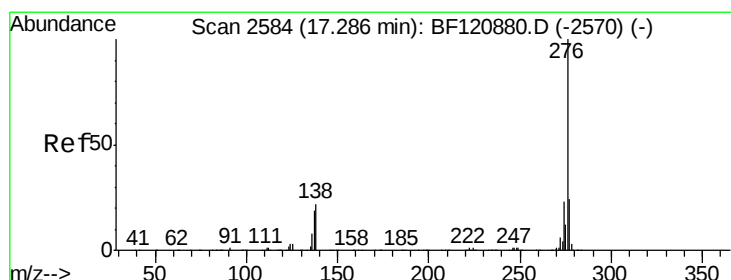
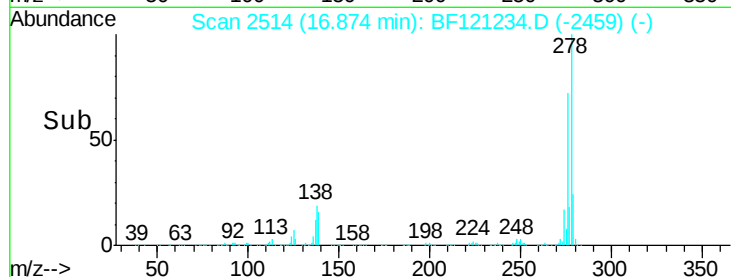
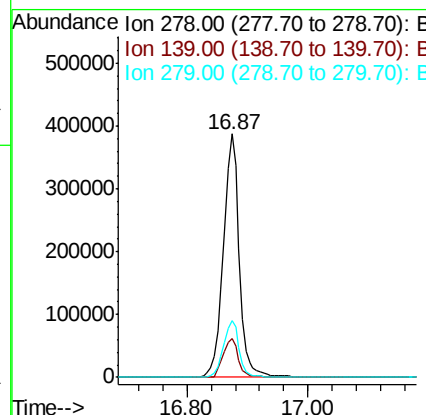
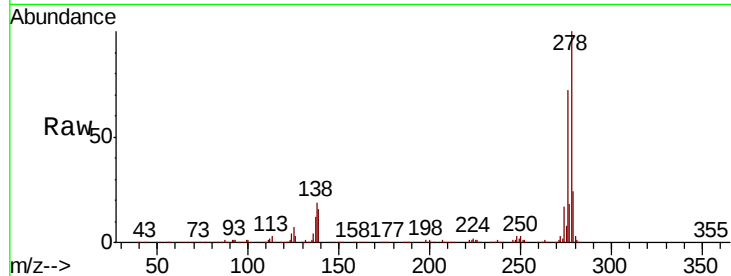
#91
Dibenzo(a,h)anthracene
Concen: 43.049 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	23.6	19.5	29.3

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 43.693 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.03 min
Lab File: BF121234.D
Acq: 10 Aug 2020 12:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	21.5	17.2	25.8

