

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121148.D
 Acq On : 31 Jul 2020 9:59
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:48 PM

Quant Time: Jul 31 13:45:37 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	135276	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	500383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	262824	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	499356	20.00	ng	0.01
76) Chrysene-d12	13.97	240	377754	20.00	ng	0.01
86) Perylene-d12	15.43	264	343052	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	642079	77.81	ng	0.00
7) Phenol-d6	6.45	99	813927	76.36	ng	0.00
23) Nitrobenzene-d5	7.37	82	702083	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	236622	82.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1259429	71.55	ng	0.00
79) Terphenyl-d14	12.92	244	1382931	79.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	147157	38.749	ng	99
3) Pyridine	3.23	79	406631	40.250	ng	99
4) n-Nitrosodimethylamine	3.19	42	159889	37.011	ng	98
6) Aniline	6.46	93	494260	35.523	ng	94
8) 2-Chlorophenol	6.59	128	356715	39.241	ng	96
9) Benzaldehyde	6.35	77	211771	41.384	ng	96
10) Phenol	6.46	94	430460	36.712	ng	91
11) bis(2-Chloroethyl)ether	6.54	93	356091	39.626	ng	99
12) 1,3-Dichlorobenzene	6.74	146	389104	39.474	ng	98
13) 1,4-Dichlorobenzene	6.82	146	387291	39.513	ng	98
14) 1,2-Dichlorobenzene	6.97	146	360602	38.888	ng	98
15) Benzyl Alcohol	6.95	79	281593	37.356	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	491376	37.937	ng	92
17) 2-Methylphenol	7.06	107	314684	39.057	ng	98
18) Hexachloroethane	7.31	117	141585	39.910	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	223514	36.876	ng	97
20) 3+4-Methylphenols	7.22	107	362147	35.334	ng	98
22) Acetophenone	7.21	105	440358	39.212	ng	98
24) Nitrobenzene	7.39	77	371156	39.821	ng	99
25) Isophorone	7.63	82	681763	39.502	ng	100
26) 2-Nitrophenol	7.70	139	199248	45.011	ng	94
27) 2,4-Dimethylphenol	7.75	122	290164	40.373	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	429687	40.786	ng	99
29) 2,4-Dichlorophenol	7.95	162	296588	40.384	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	328115	40.269	ng	99
31) Naphthalene	8.11	128	1011833	39.421	ng	99
32) Benzoic acid	7.87	122	144998m	26.876	ng	
33) 4-Chloroaniline	8.16	127	446556	39.000	ng	99
34) Hexachlorobutadiene	8.22	225	196105	40.827	ng	98
35) Caprolactam	8.54	113	96883	41.137	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	307601	40.838	ng	99
37) 2-Methylnaphthalene	8.80	142	679261	40.758	ng	99
38) 1-Methylnaphthalene	8.90	142	637256	40.373	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	317063	41.405	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 SSTDC040

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	134272	31.726	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	207001	38.393	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	233940	38.251	ng	98
46) 1,1'-Biphenyl	9.26	154	808950	40.350	ng	100
47) 2-Chloronaphthalene	9.29	162	654156	40.021	ng	100
48) 2-Nitroaniline	9.39	65	207484	42.004	ng	98
49) Acenaphthylene	9.70	152	1013218	39.902	ng	100
50) Dimethylphthalate	9.57	163	777755	41.018	ng	99
51) 2,6-Dinitrotoluene	9.63	165	172875	42.438	ng	94
52) Acenaphthene	9.88	154	638492m	39.550	ng	
53) 3-Nitroaniline	9.80	138	208256	40.762	ng	96
54) 2,4-Dinitrophenol	9.92	184	76625	36.721	ng	98
55) Dibenzofuran	10.05	168	901901	38.632	ng	98
56) 4-Nitrophenol	9.97	139	130795	33.702	ng	100
57) 2,4-Dinitrotoluene	10.04	165	227138	42.460	ng	95
58) Fluorene	10.39	166	684250	39.298	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173127	37.179	ng	99
60) Diethylphthalate	10.26	149	765522	39.915	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	351318	37.829	ng	95
62) 4-Nitroaniline	10.42	138	208599	41.915	ng	97
63) Azobenzene	10.54	77	710912	38.936	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	115610	40.643	ng	98
66) n-Nitrosodiphenylamine	10.50	169	637824	40.603	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	237122	42.591	ng	97
68) Hexachlorobenzene	10.94	284	253221	42.046	ng	97
69) Atrazine	11.03	200	167970	43.176	ng	99
70) Pentachlorophenol	11.14	266	118782	34.428	ng	98
71) Phenanthrene	11.36	178	1023273	39.844	ng	100
72) Anthracene	11.41	178	1029836	39.934	ng	100
73) Carbazole	11.56	167	1023664	39.998	ng	100
74) Di-n-butylphthalate	11.89	149	1193917	40.425	ng	99
75) Fluoranthene	12.54	202	1146541	40.277	ng	98
77) Benzidine	12.66	184	318892	32.108	ng	99
78) Pyrene	12.77	202	1167322	43.708	ng	100
80) Butylbenzylphthalate	13.39	149	517843	43.495	ng	99
81) Benzo(a)anthracene	13.96	228	988924	43.232	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	353735	40.989	ng	98
83) Chrysene	14.00	228	959569	39.917	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	669669	45.614	ng	# 99
85) Di-n-octyl phthalate	14.56	149	1112481	38.088	ng	100
87) Indeno(1,2,3-cd)pyrene	16.87	276	809252	33.920	ng	99
88) Benzo(b)fluoranthene	15.01	252	928709	44.787	ng	100
89) Benzo(k)fluoranthene	15.04	252	831634	43.975	ng	98
90) Benzo(a)pyrene	15.37	252	797056	42.130	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	662190	33.979	ng	99
92) Benzo(g,h,i)perylene	17.30	276	642905	33.458	ng	100

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

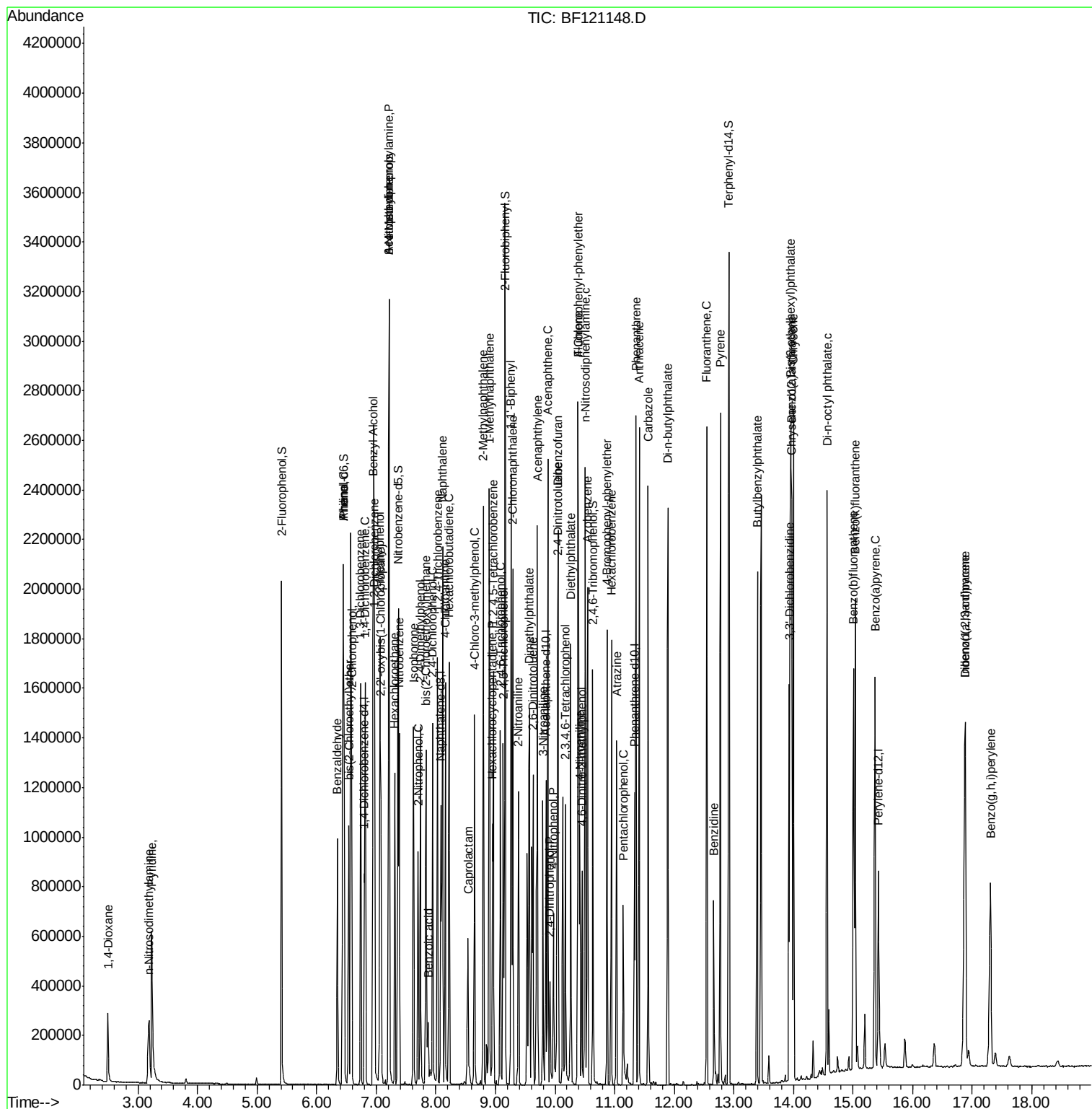
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121148.D
 Acq On : 31 Jul 2020 9:59
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

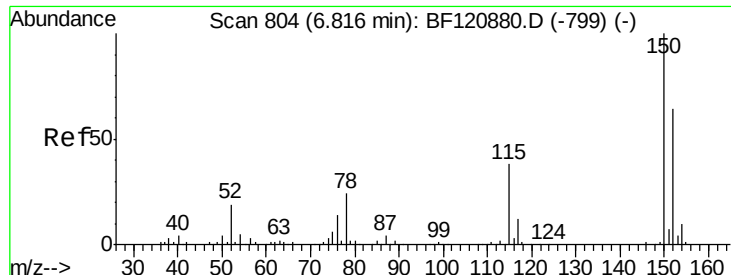
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

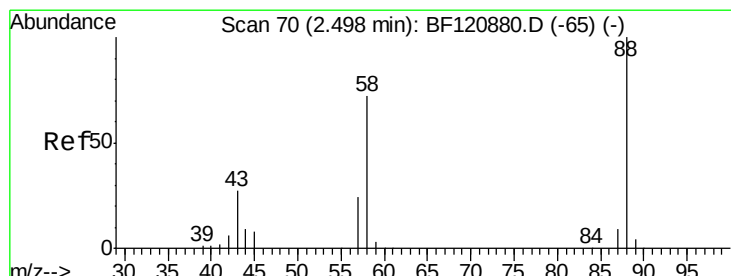
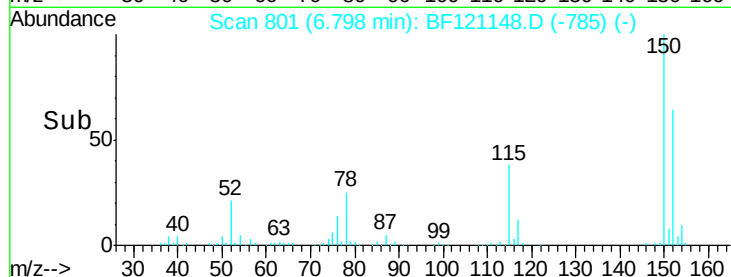
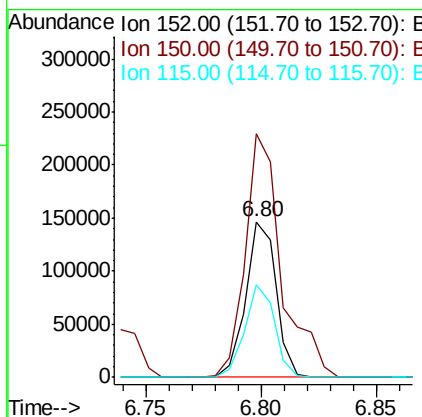
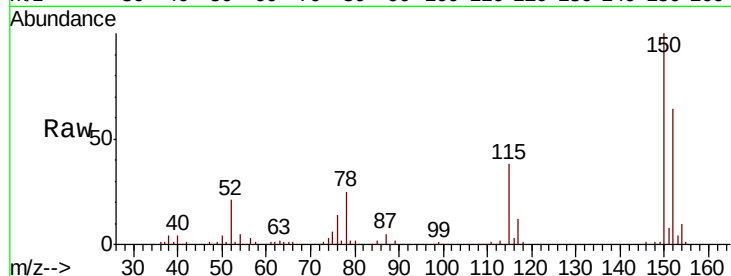
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.6	188.4
115	59.6	46.2	69.2

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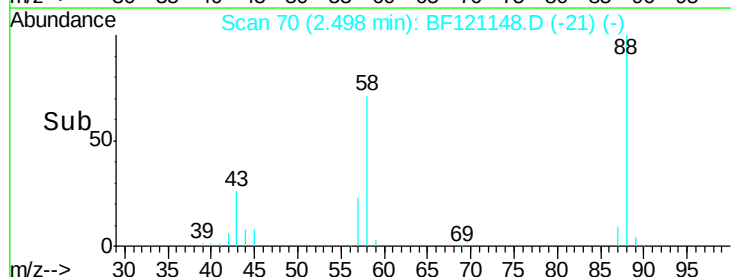
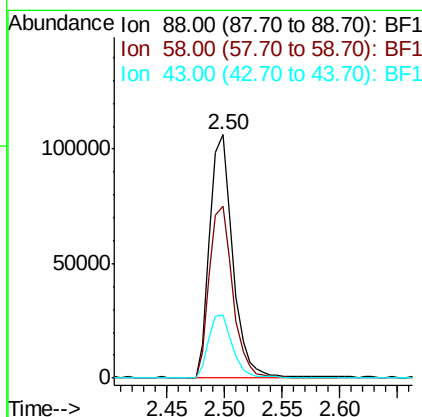
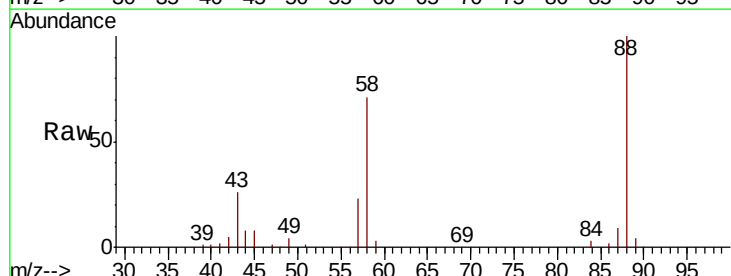
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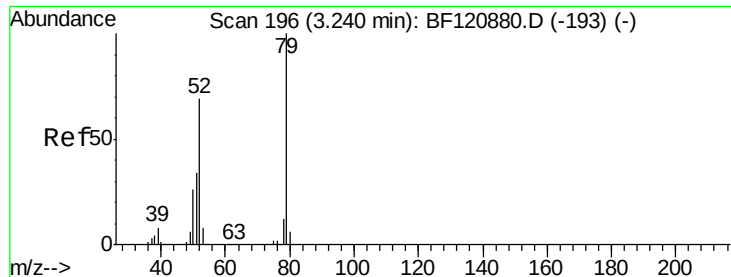


#2

1,4-Dioxane
Concen: 38.749 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.2	87.4
43	27.5	21.3	31.9





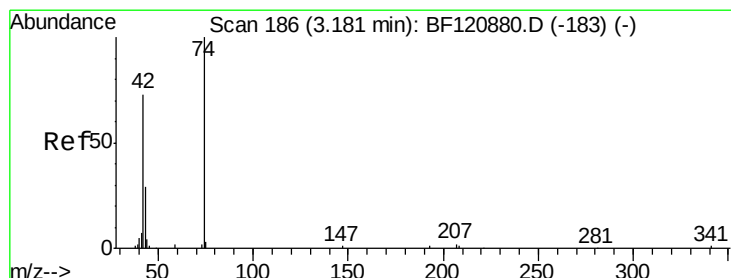
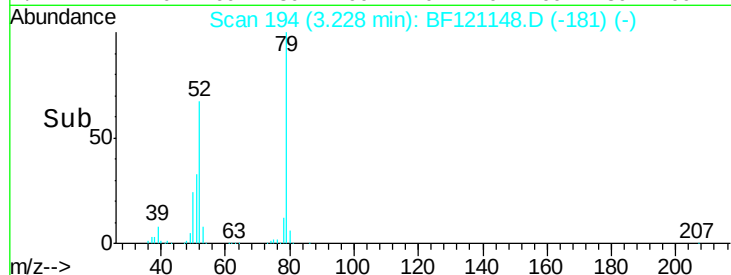
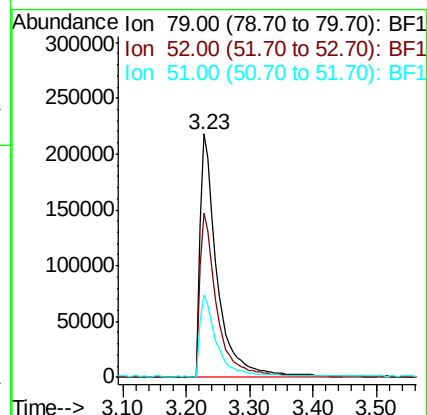
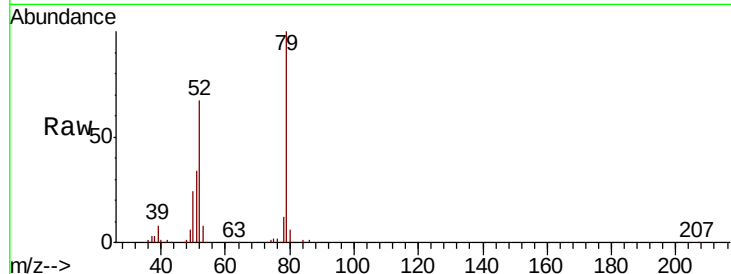
#3
Pvridine
Concen: 40.250 ng
RT: 3.23 min Scan# 194
Delta R.T. -0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.5	54.9	82.3
51	33.7	27.4	41.0

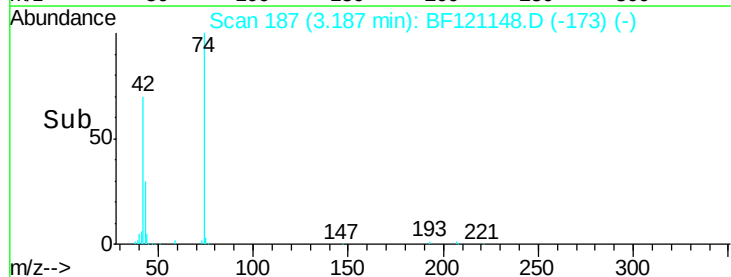
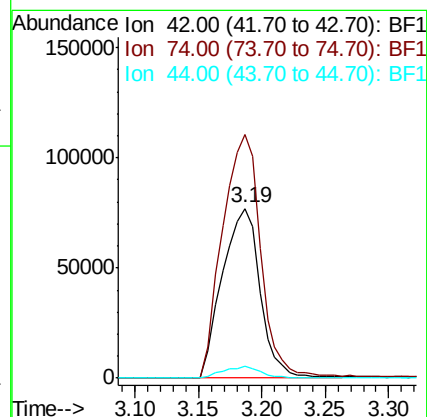
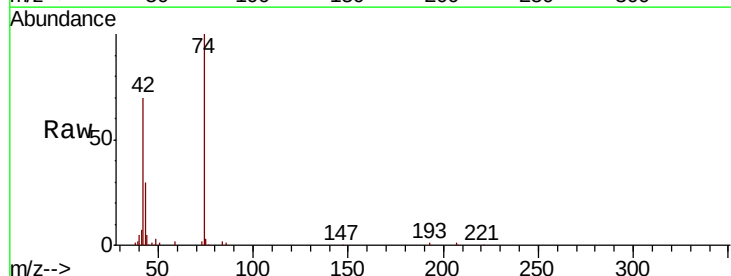
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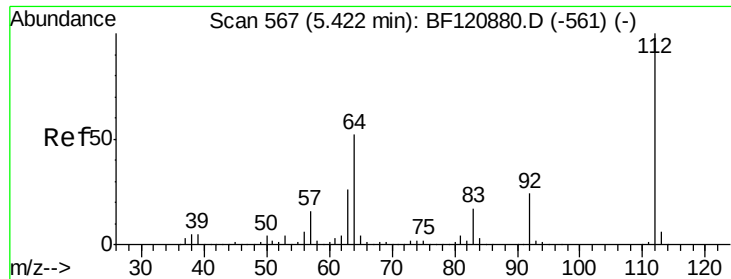
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#4
n-Nitrosodimethylamine
Concen: 37.011 ng
RT: 3.19 min Scan# 187
Delta R.T. -0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.4	117.3	175.9
44	7.2	5.9	8.9





#5

2-Fluorophenol

Concen: 77.811 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

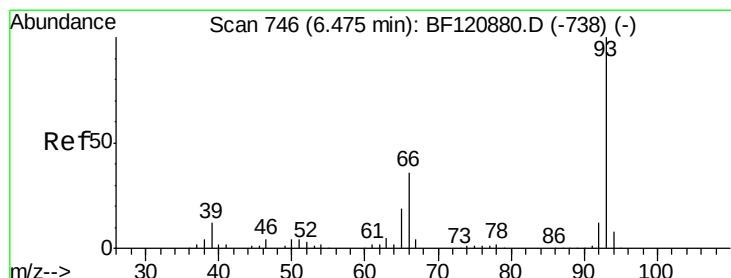
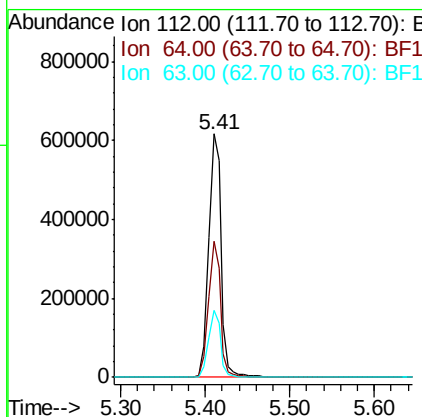
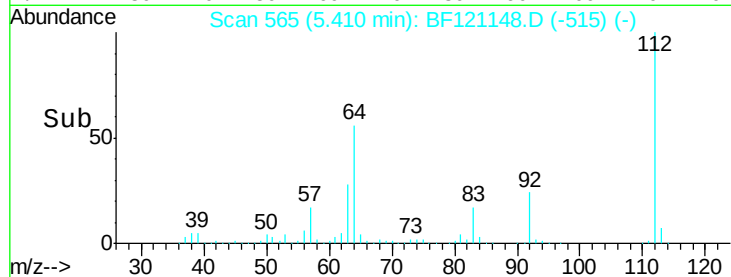
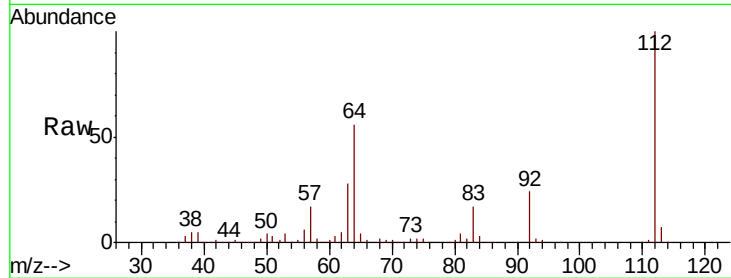
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	642079
Ion Ratio	Lower	Upper	
112	100		
64	55.6	43.9	65.9
63	27.7	22.7	34.1

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#6

Aniline

Concen: 35.523 ng

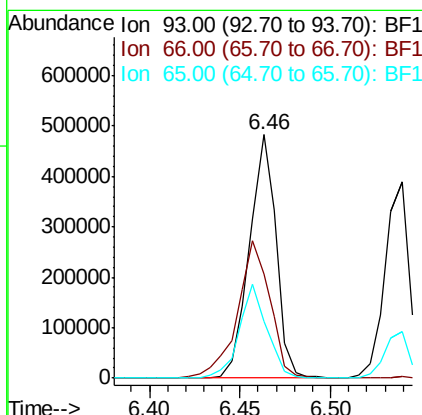
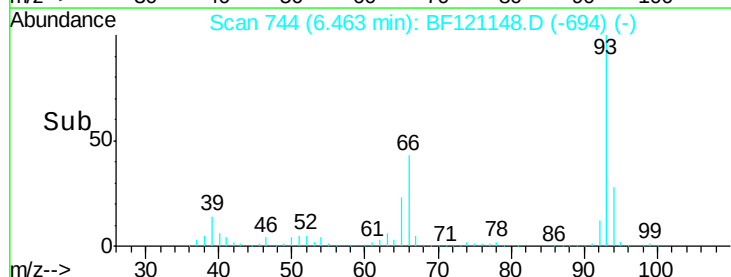
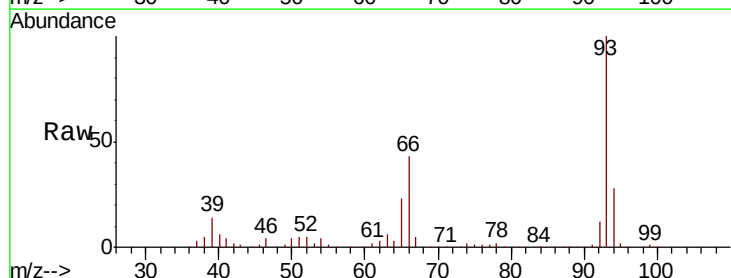
RT: 6.46 min Scan# 744

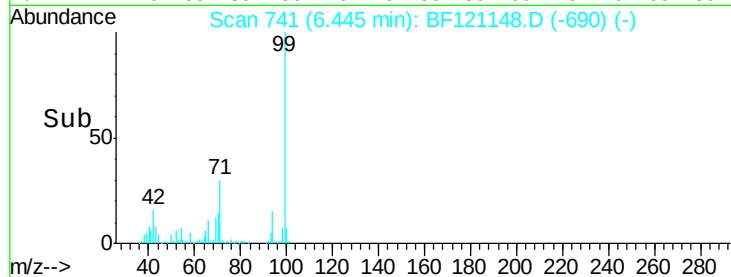
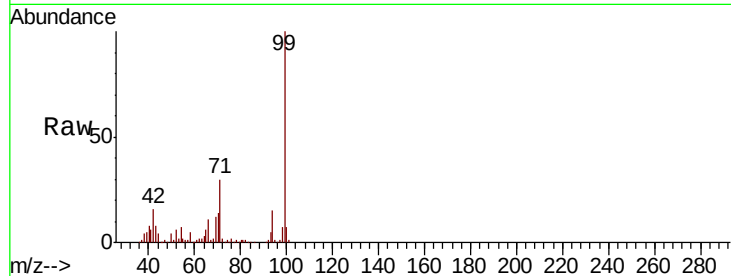
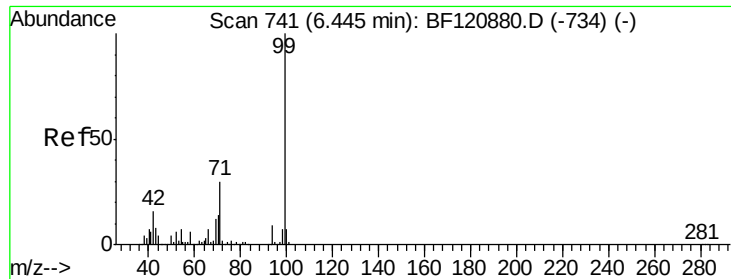
Delta R.T. -0.01 min

Lab File: BF121148.D

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Tgt Ion:	93	Resp:	494260
Ion Ratio	Lower	Upper	
93	100		
66	42.7	31.0	46.4
65	23.2	16.2	24.4





#7

Phenol-d6

Concen: 76.359 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tot Ion:	99	Resp:	813927
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	29.9	25.0	37.4

Instrument :

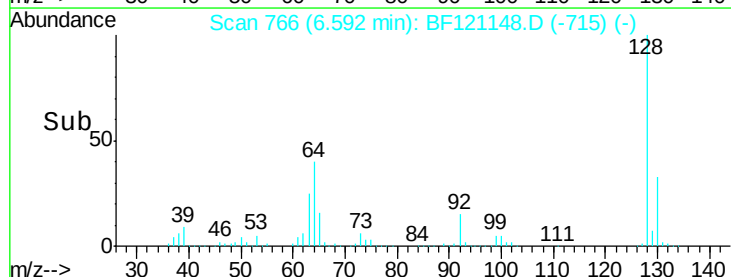
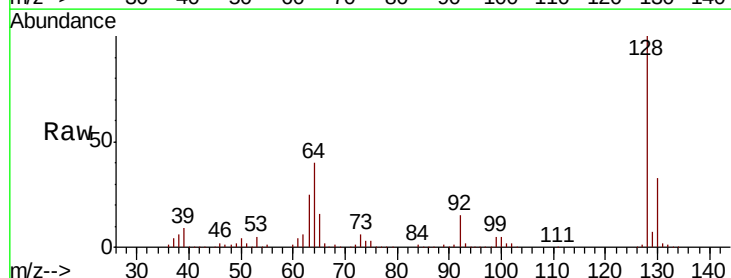
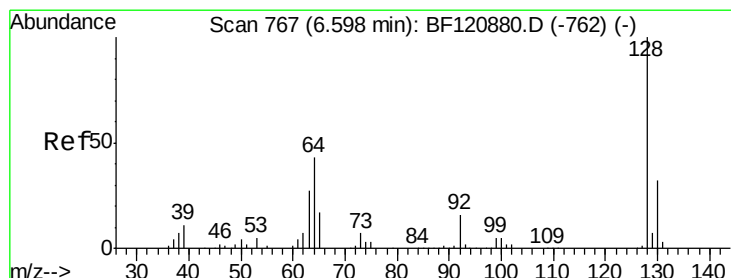
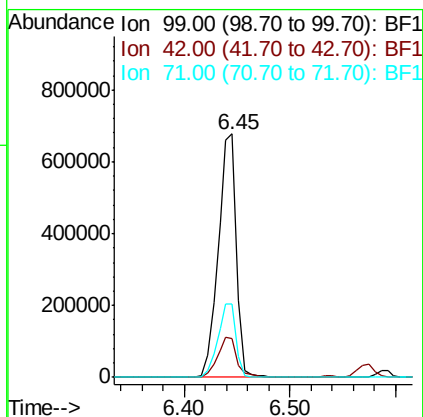
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ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.241 ng

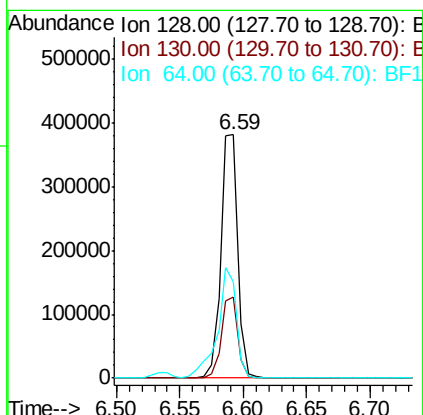
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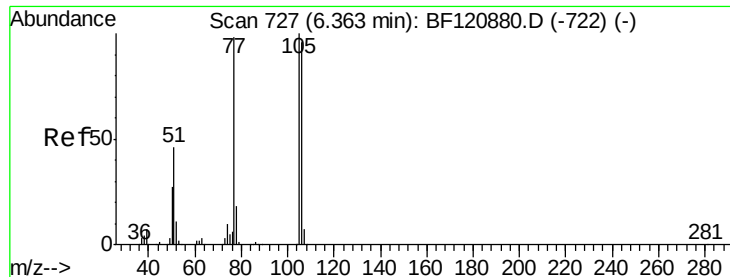
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:	128	Resp:	356715
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.7	52.7
64	39.8	23.8	63.8





#9

Benzaldehyde

Concen: 41.384 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

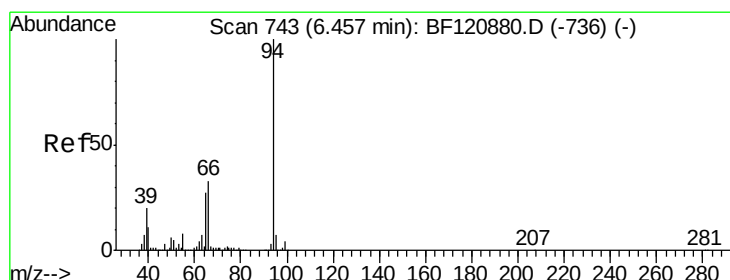
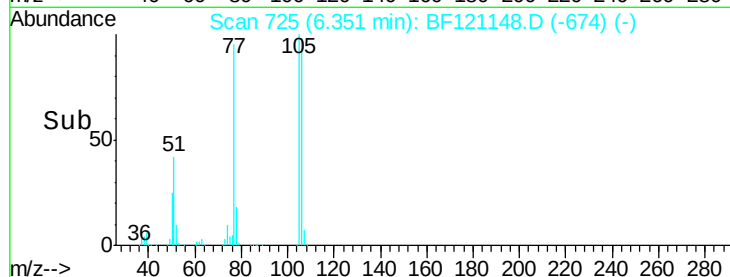
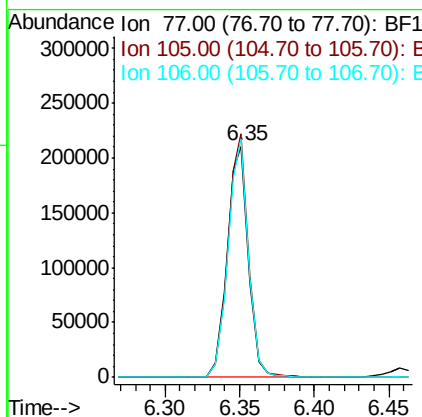
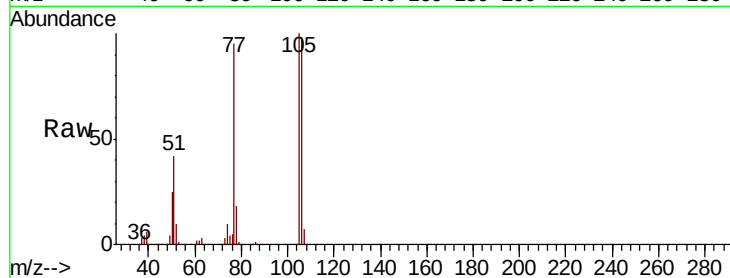
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	211771
Ion Ratio	Lower	Upper	
77	100		
105	105.4	82.4	122.4
106	103.3	78.9	118.9

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#10

Phenol

Concen: 36.712 ng

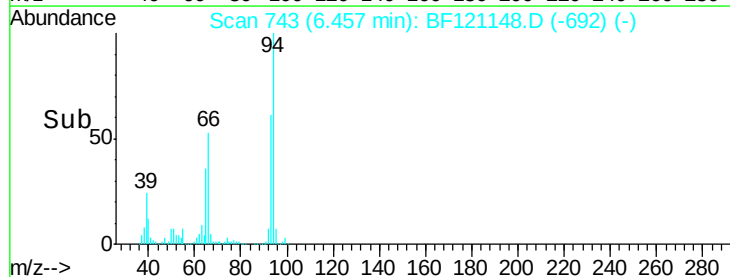
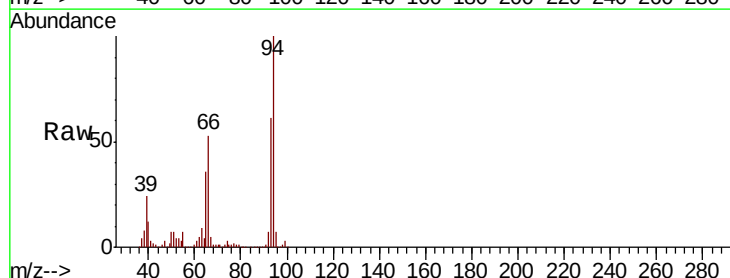
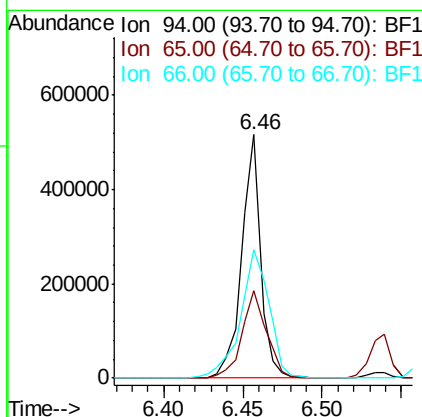
RT: 6.46 min Scan# 743

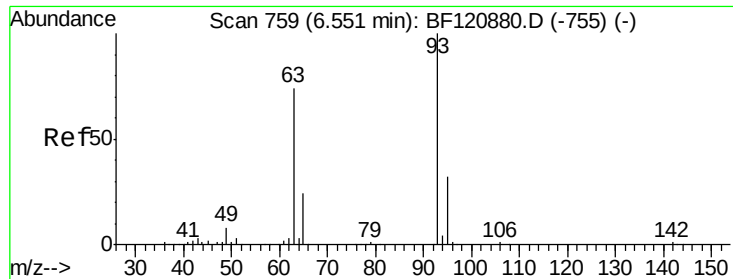
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:	94	Resp:	430460
Ion Ratio	Lower	Upper	
94	100		
65	35.9	12.6	52.6
66	52.7	25.6	65.6





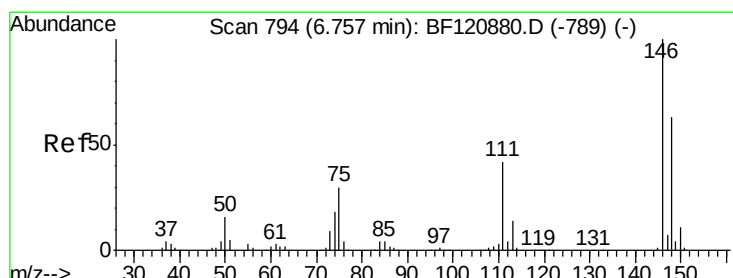
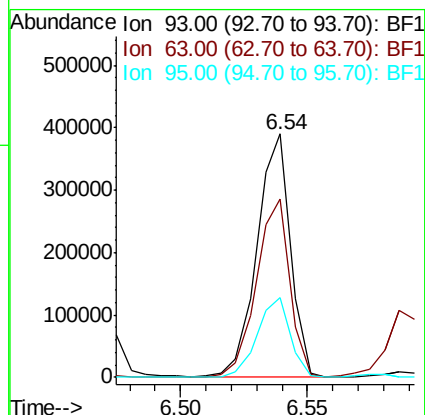
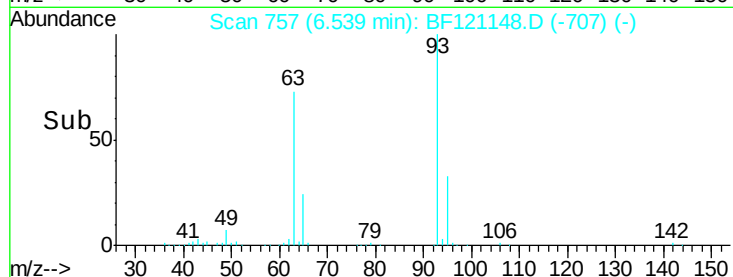
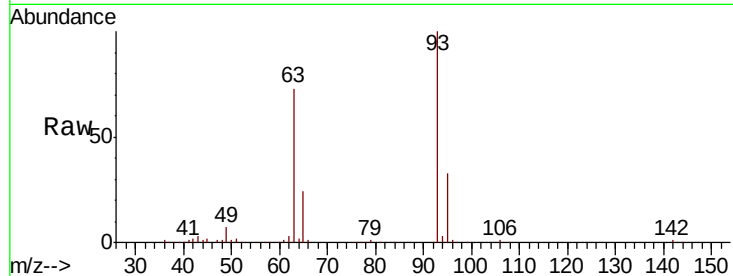
#11
bis(2-Chloroethyl)ether
Concen: 39.626 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		356091		
63	73.0	51.9	91.9		
95	32.6	13.2	53.2		

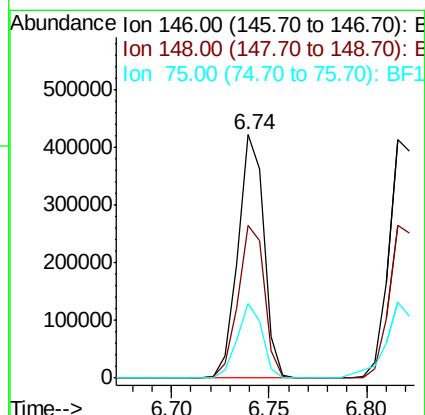
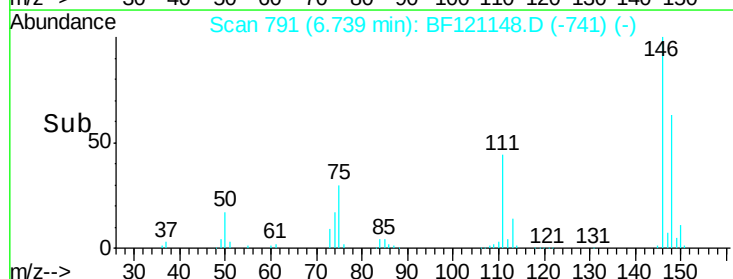
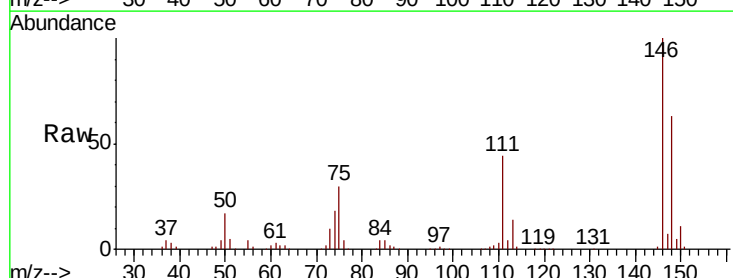
Manual Integrations
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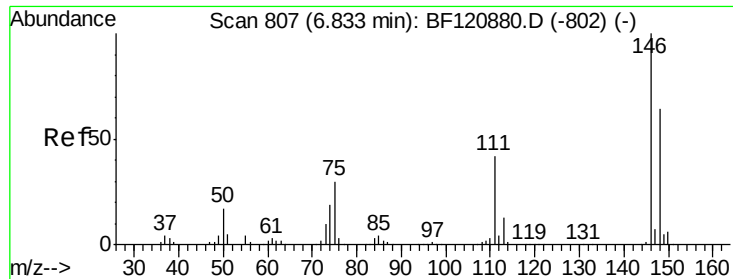
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.474 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		389104		
148	62.9	51.7	77.5		
75	30.4	23.8	35.6		





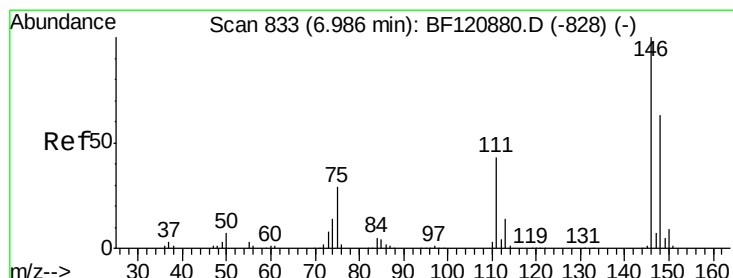
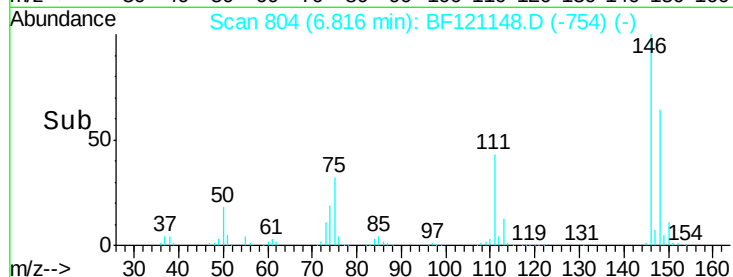
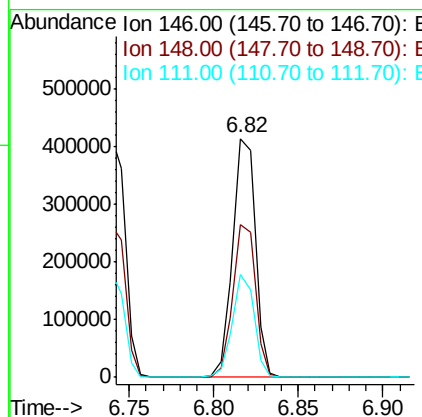
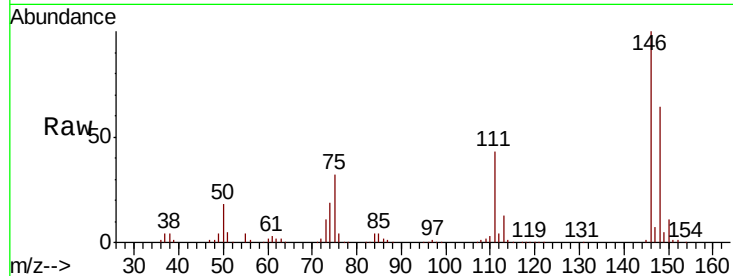
#13
1,4-Dichlorobenzene
Concen: 39.513 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	42.9	32.8	49.2

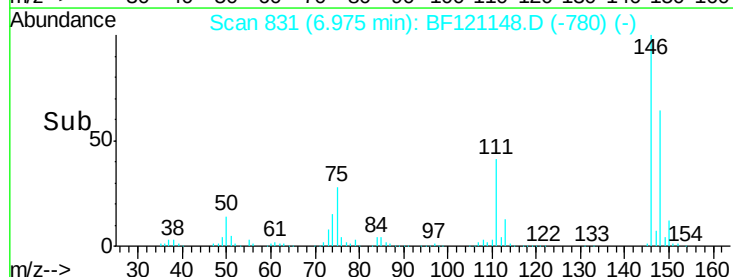
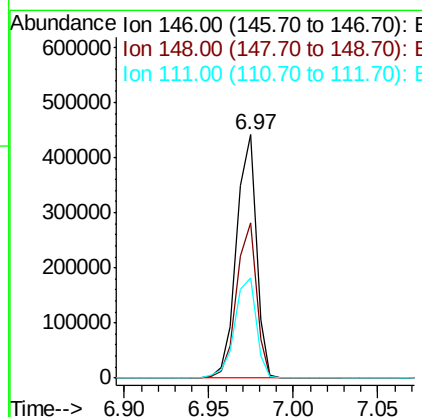
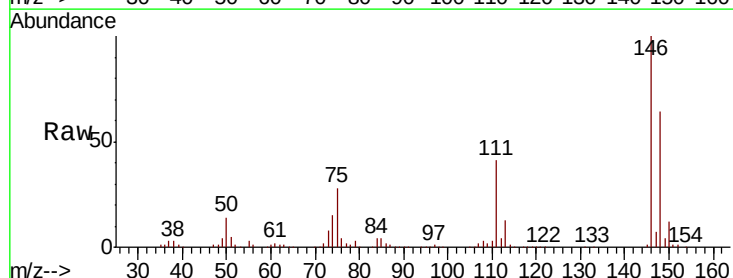
Manual Integrations
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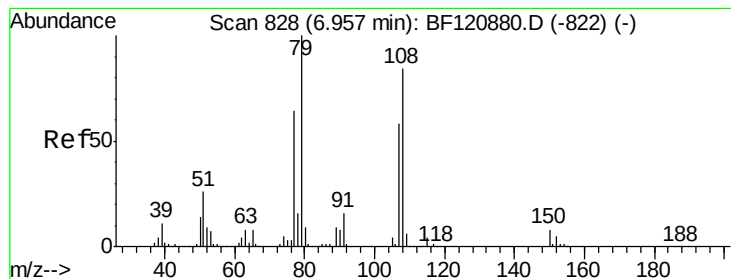
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.888 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.0	35.4	53.0





#15

Benzyl Alcohol

Concen: 37.356 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

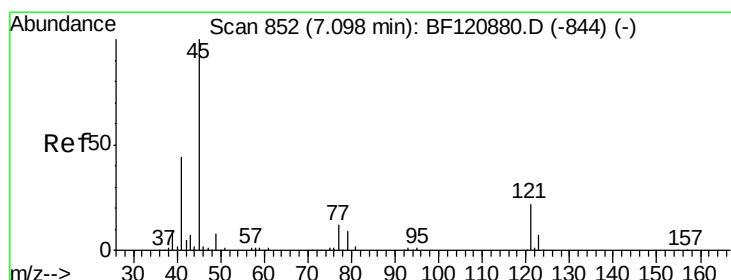
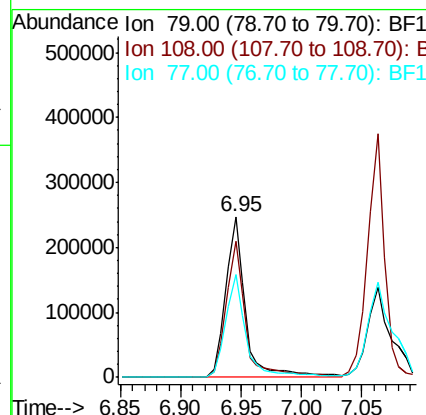
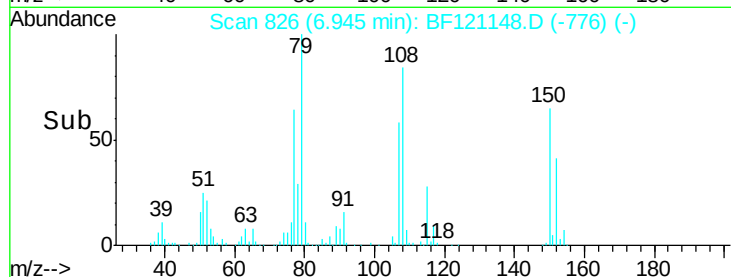
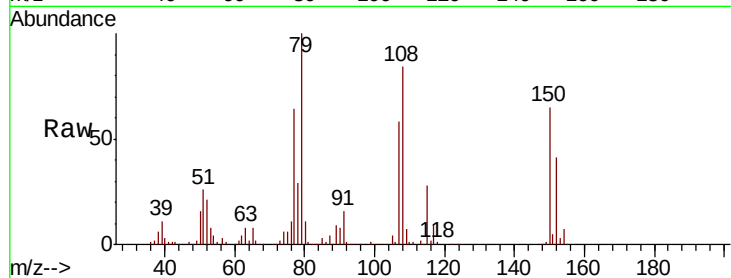
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	281593
Ion Ratio	Lower	Upper	
79	100		
108	84.3	68.6	103.0
77	63.9	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.937 ng

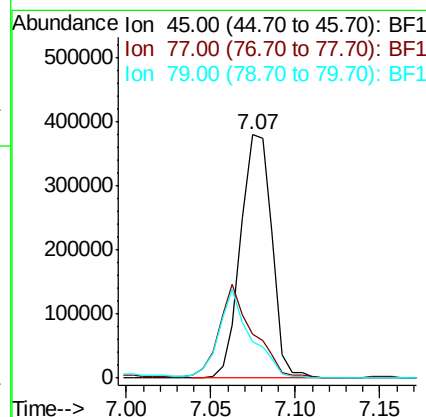
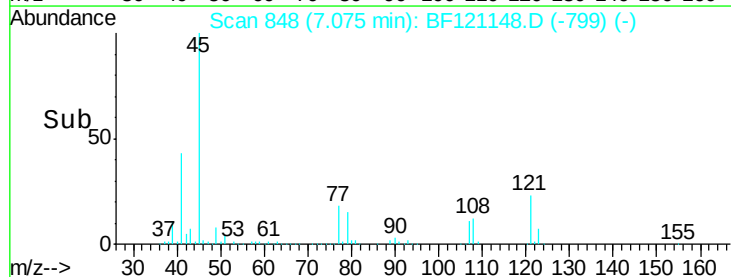
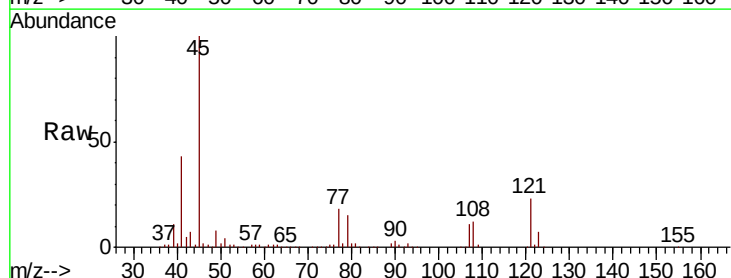
RT: 7.07 min Scan# 848

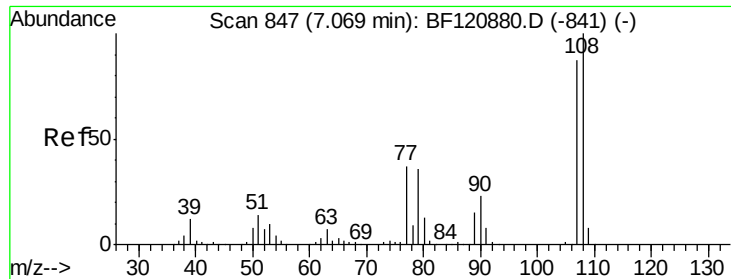
Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:	45	Resp:	491376
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	34.7
79	14.9	0.0	32.0





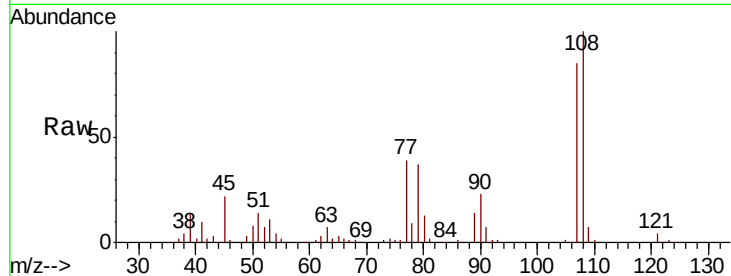
#17
2-Methylphenol
Concen: 39.057 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.5	91.2	136.8	
77	45.6	36.5	54.7	
79	43.5	35.0	52.6	

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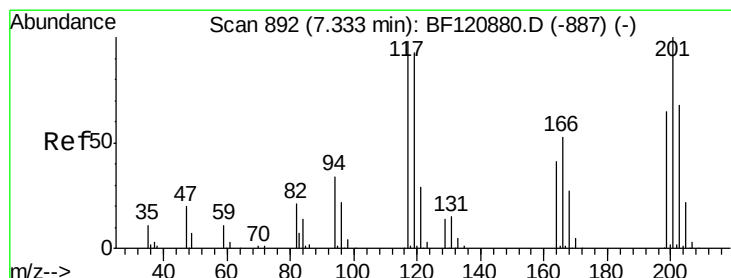
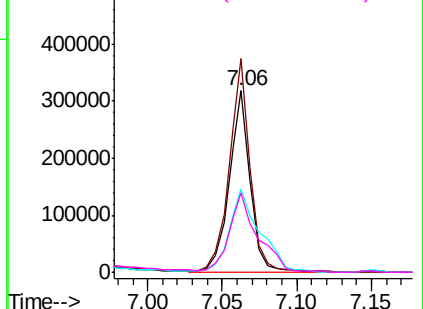
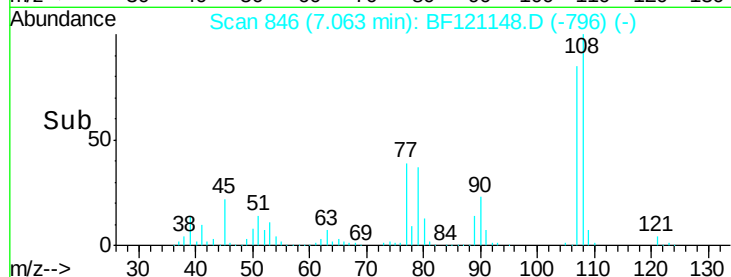
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

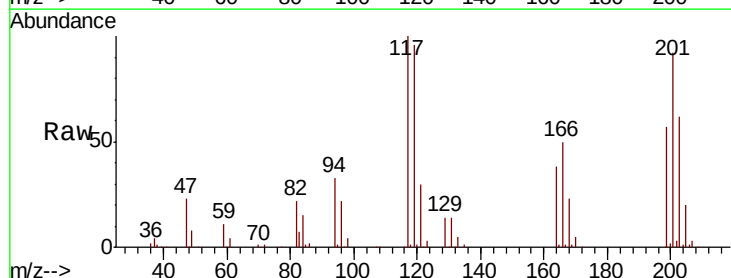
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.910 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.6	114.8	
201	91.5	75.0	112.4	

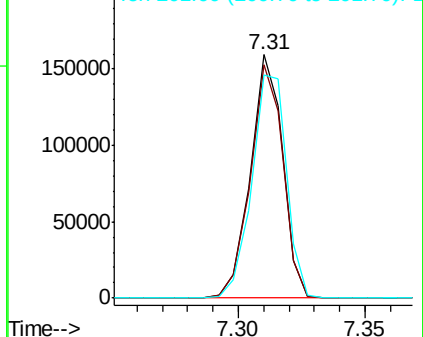
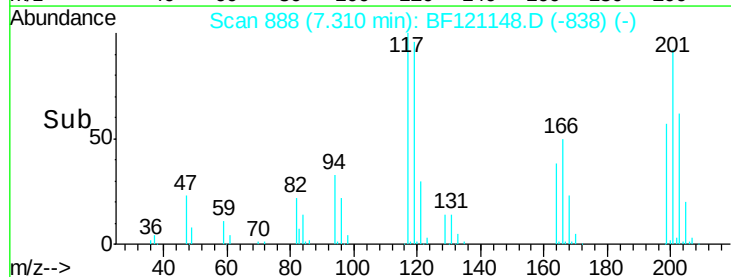


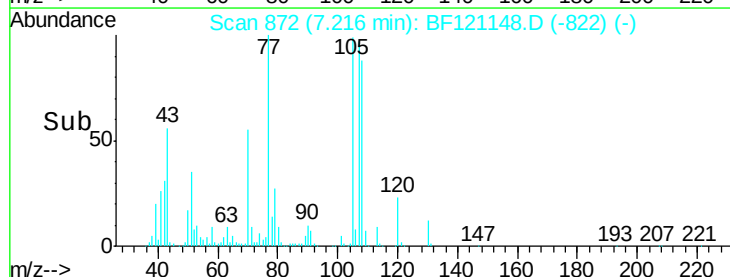
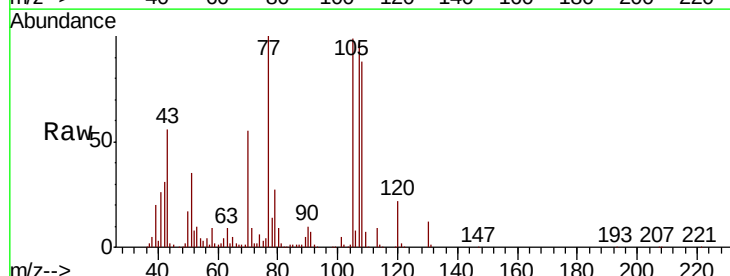
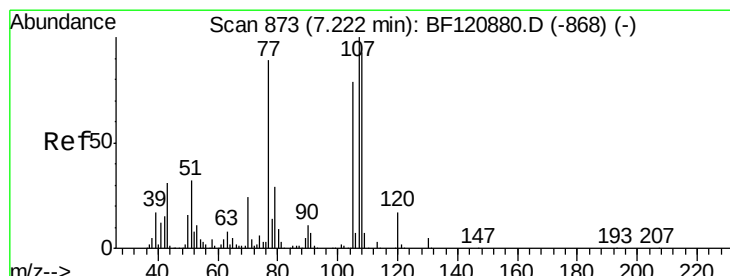
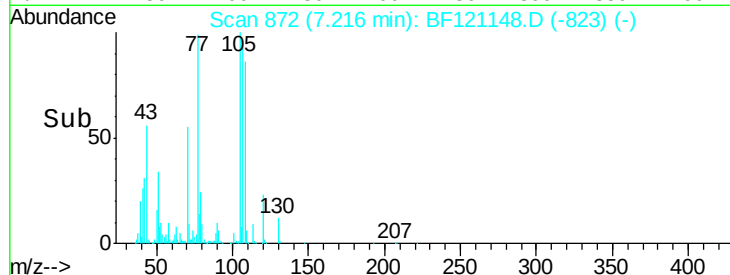
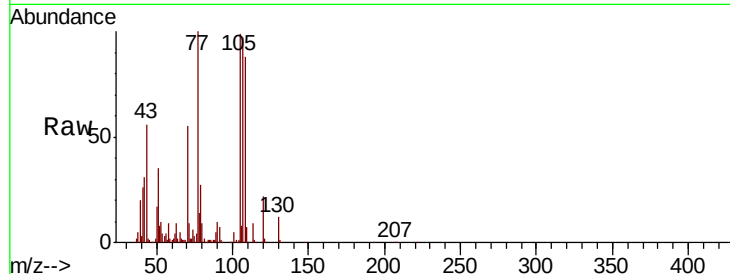
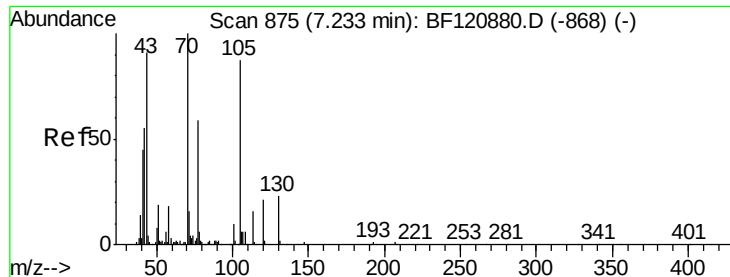
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





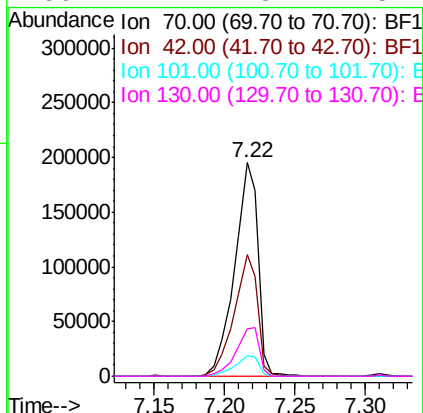
#19
n-Nitroso-di-n-propylamine
Concen: 36.876 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.8	43.3	64.9	
101	9.9	8.4	12.6	
130	22.2	18.7	28.1	

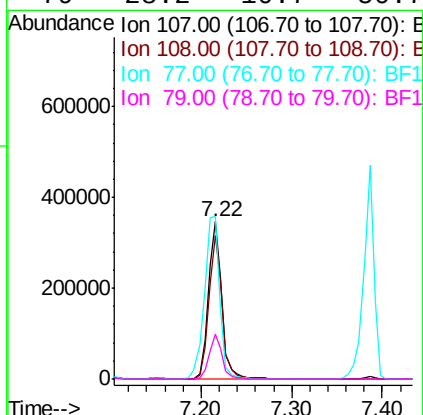
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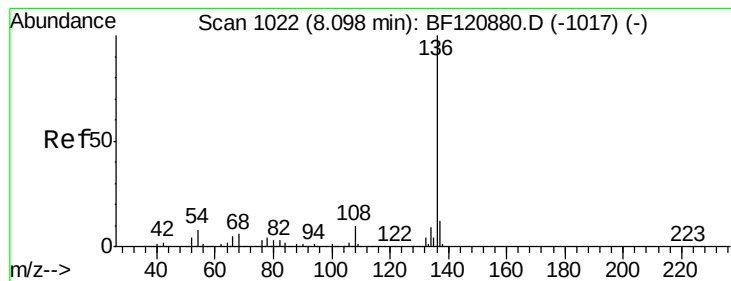
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#20
3+4-Methylphenols
Concen: 35.334 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	73.7	113.7	
77	103.4	84.9	124.9	
79	28.2	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

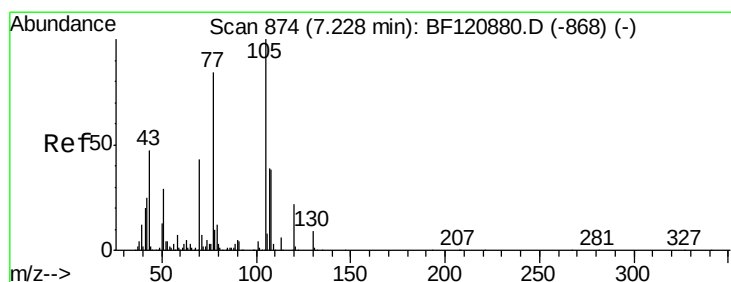
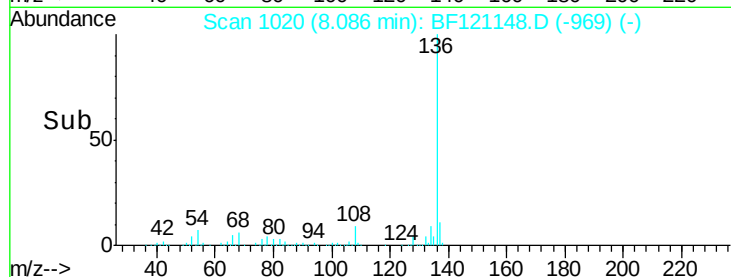
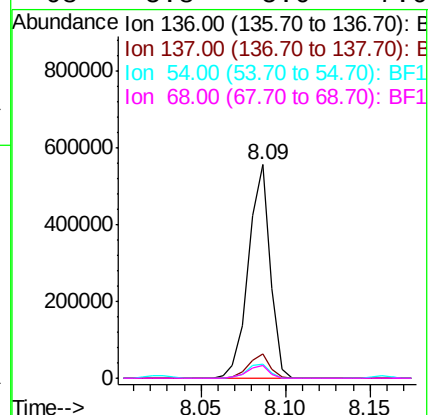
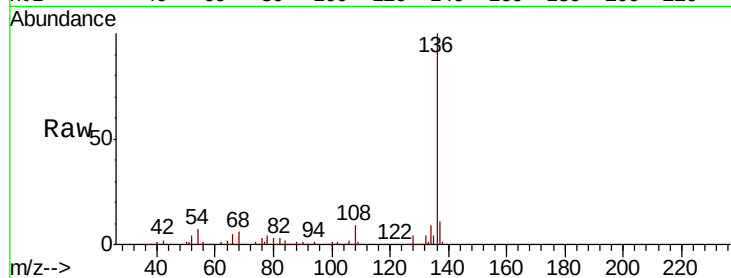
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		500383		
137	11.3		9.0	13.4	
54	6.7		6.1	9.1	
68	5.8		5.0	7.6	

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#22

Acetophenone

Concen: 39.212 ng

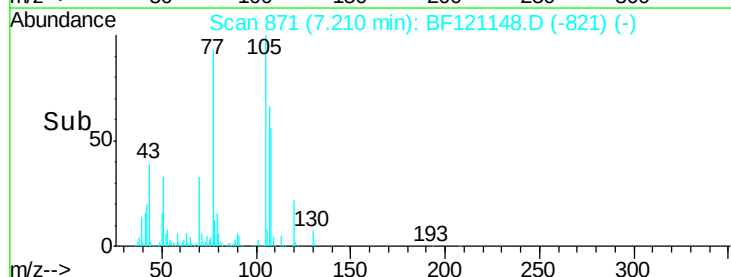
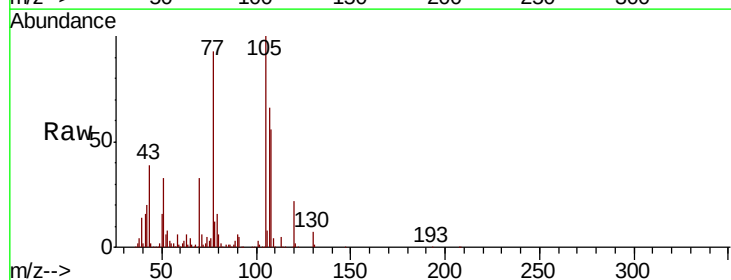
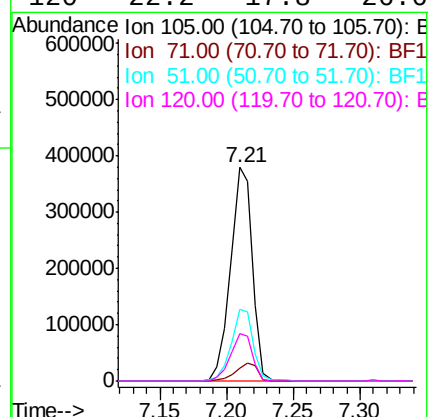
RT: 7.21 min Scan# 871

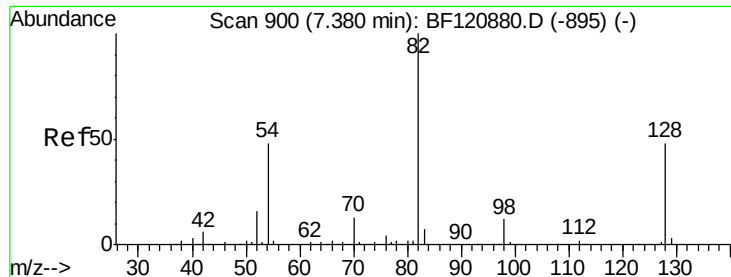
Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		440358		
71	5.7		3.8	5.8	
51	33.3		28.0	42.0	
120	22.2		17.8	26.6	





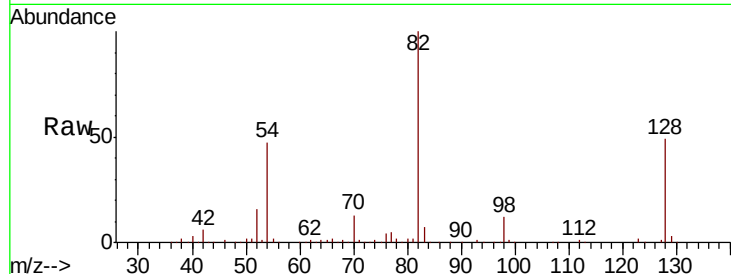
#23
Nitrobenzene-d5
Concen: 81.187 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

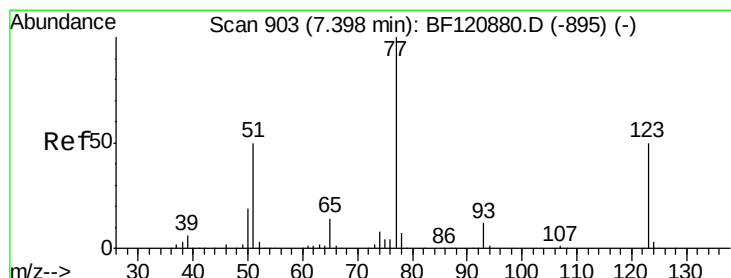
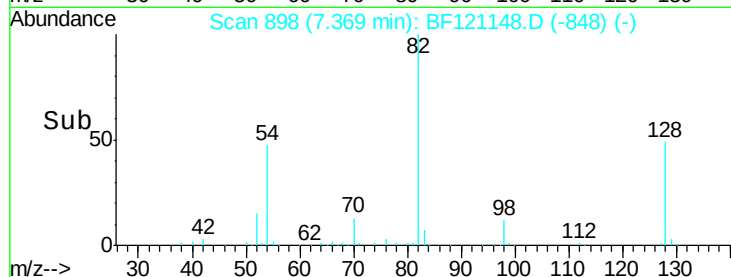
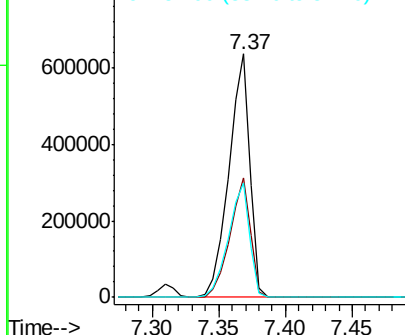
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	39.2	58.8
54	46.8	37.8	56.8

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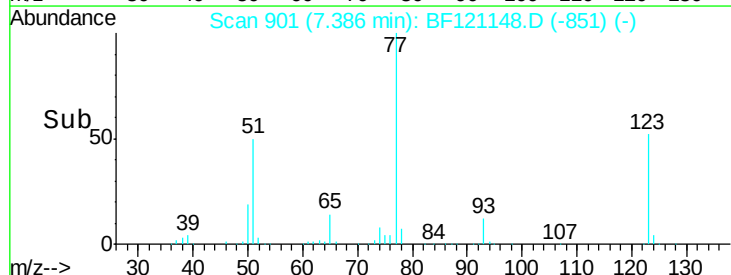
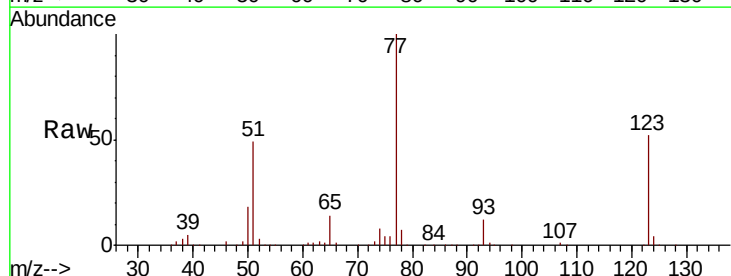
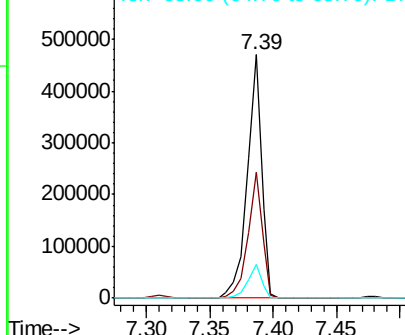
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

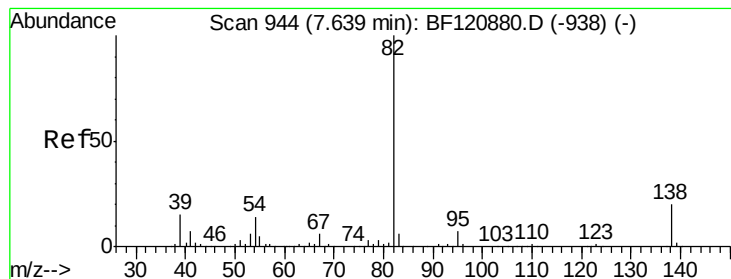


#24
Nitrobenzene
Concen: 39.821 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	41.0	61.6
65	13.6	10.3	15.5

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.502 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

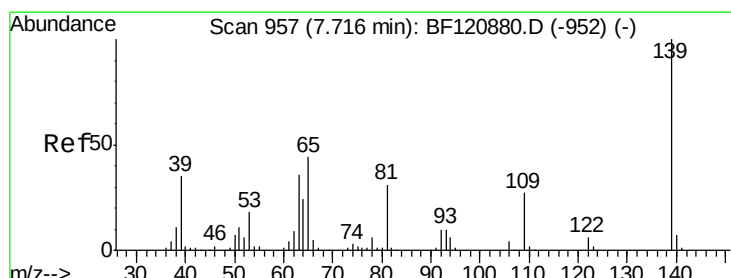
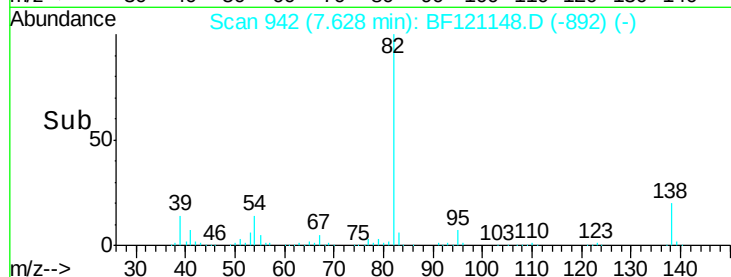
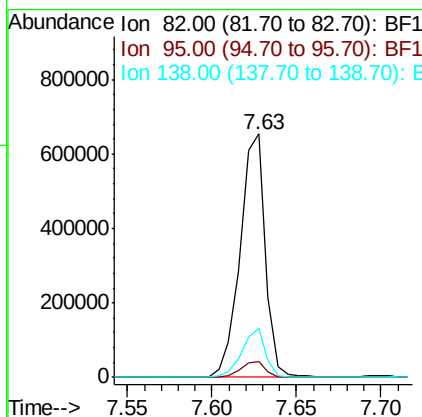
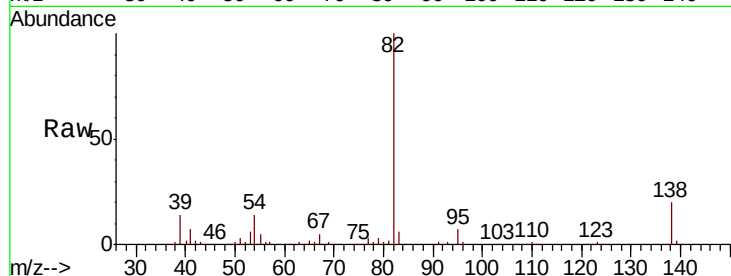
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	681763
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	20.2	16.2	24.2

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#26

2-Nitrophenol

Concen: 45.011 ng

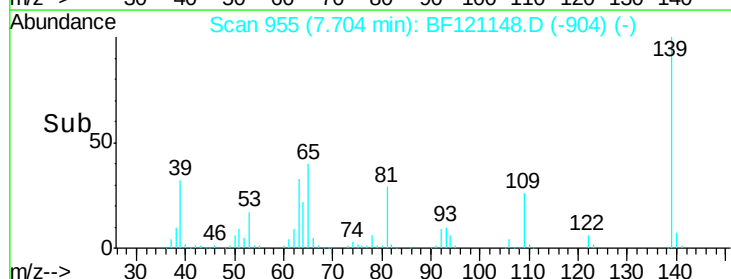
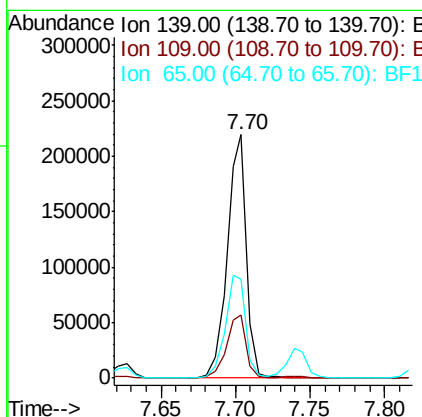
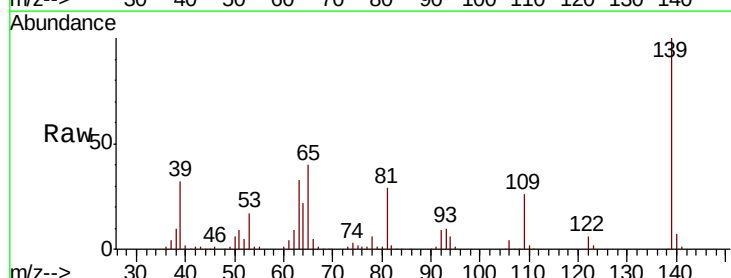
RT: 7.70 min Scan# 955

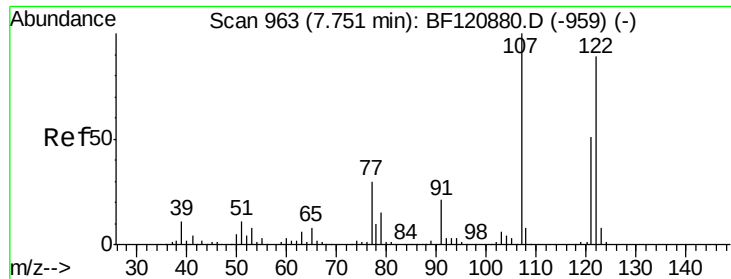
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion	139	Resp	199248
Ion Ratio	Lower	Upper	
139	100		
109	25.7	21.7	32.5
65	40.5	36.3	54.5





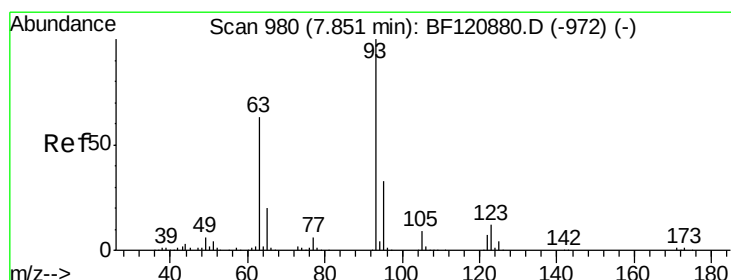
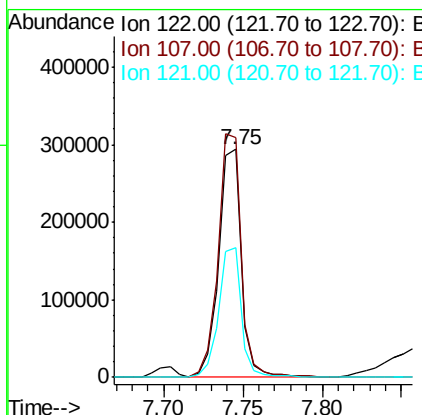
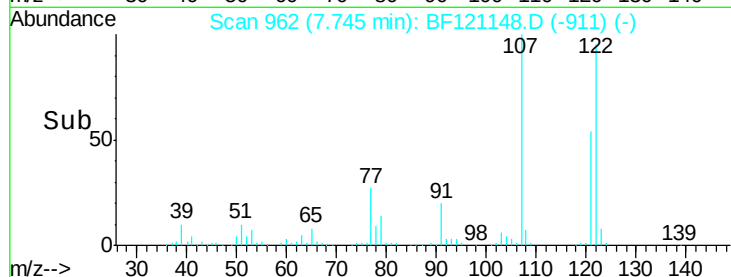
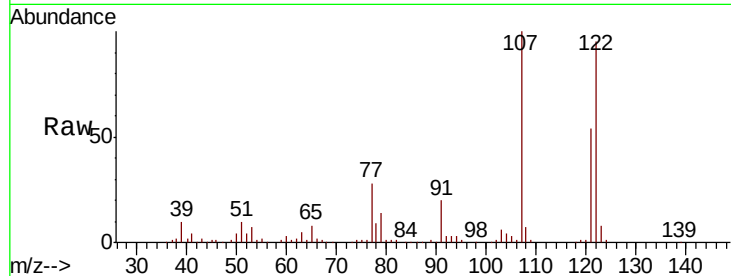
#27
2,4-Dimethylphenol
Concen: 40.373 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.3	87.1	130.7
121	57.0	45.5	68.3

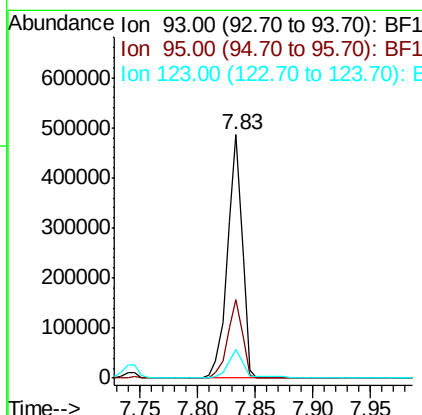
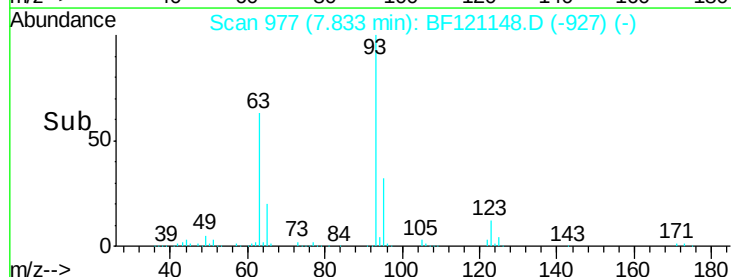
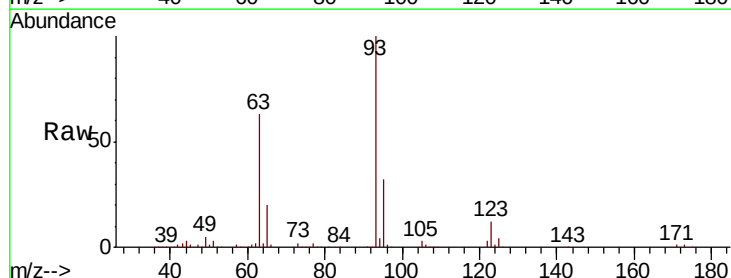
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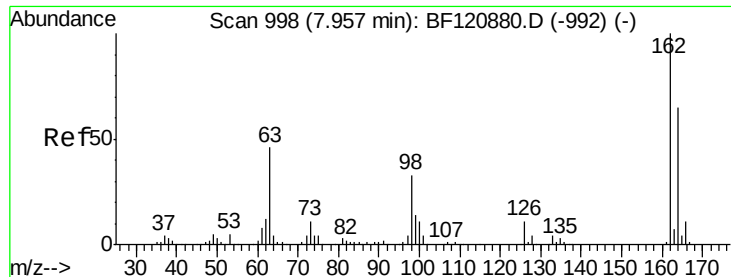
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.786 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.7	9.5	14.3





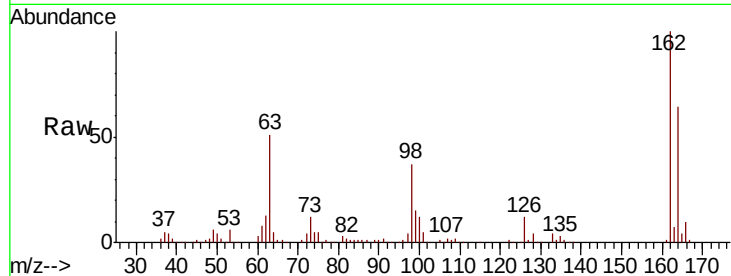
#29
2,4-Dichlorophenol
Concen: 40.384 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

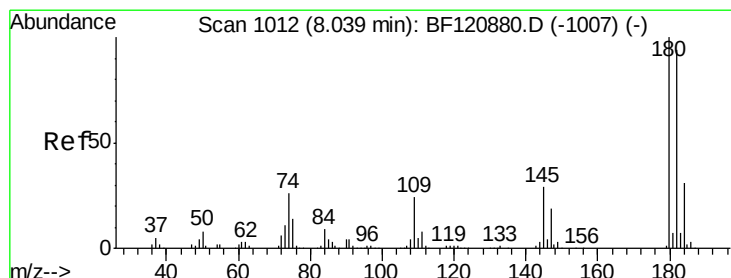
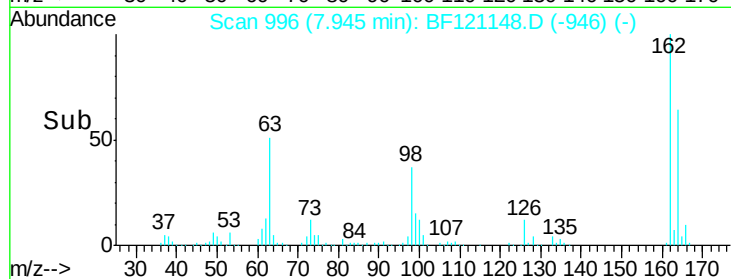
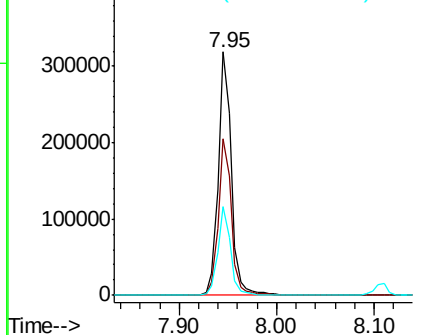
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		296588		
164	64.2	44.7	84.7		
98	36.6	14.2	54.2		

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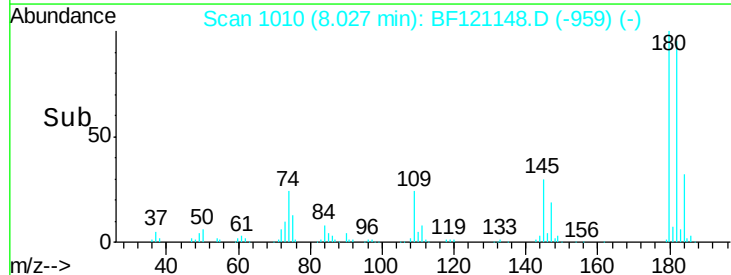
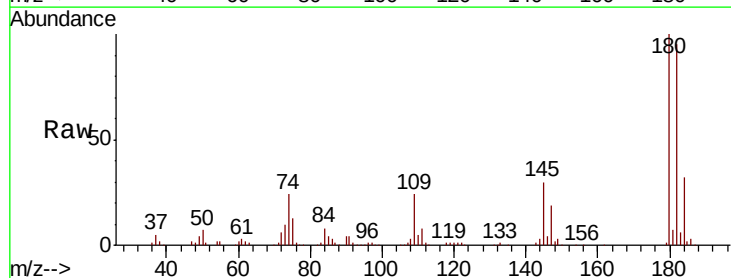
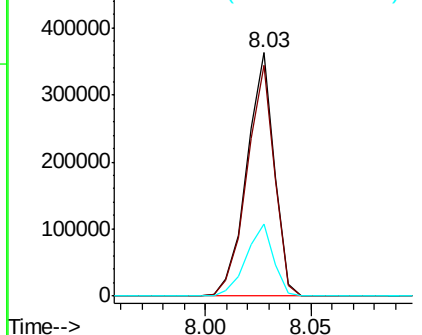
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

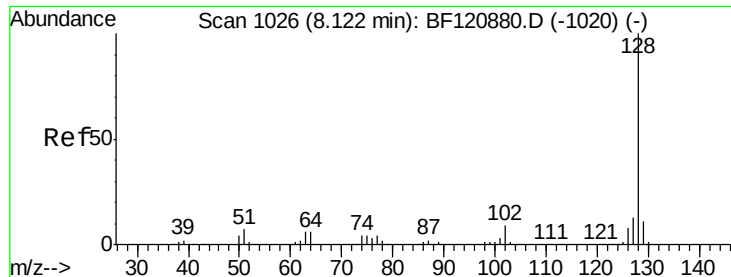


#30
1,2,4-Trichlorobenzene
Concen: 40.269 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		328115		
182	95.1	76.4	114.6		
145	29.9	24.2	36.4		

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





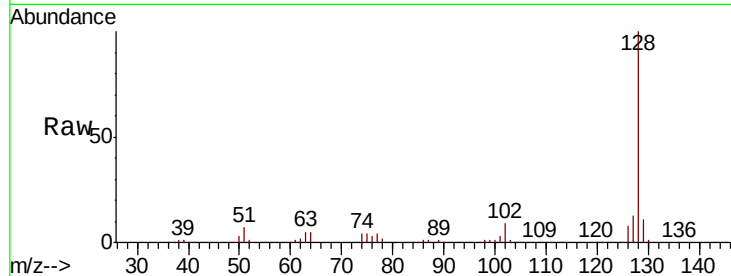
#31
Naphthalene
Concen: 39.421 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	10.8	16.2

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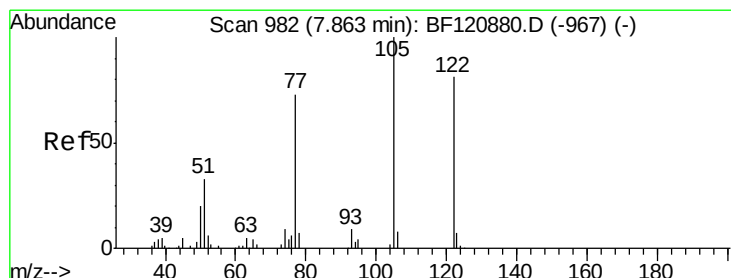
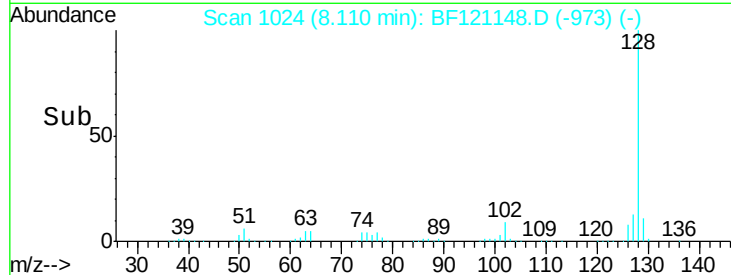
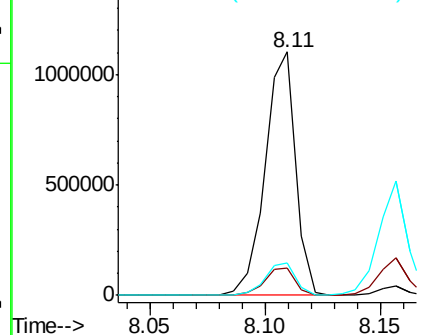


Abundance

Ion 128.00 (127.70 to 128.70): E

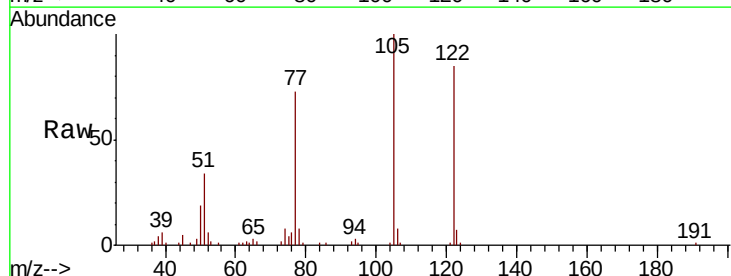
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 26.876 ng m
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	100.9	140.9
77	86.5	67.8	107.8

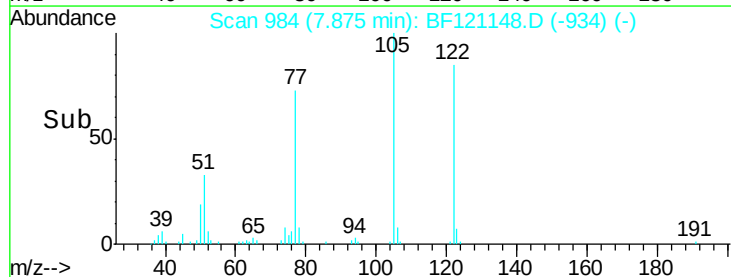
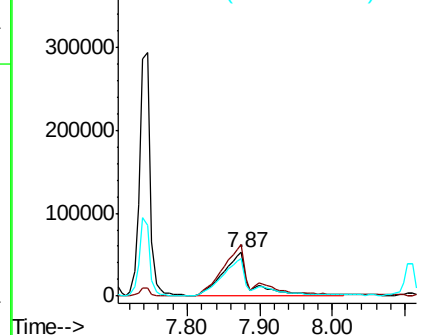


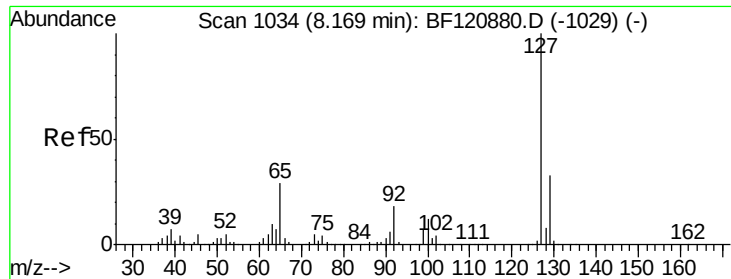
Abundance

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





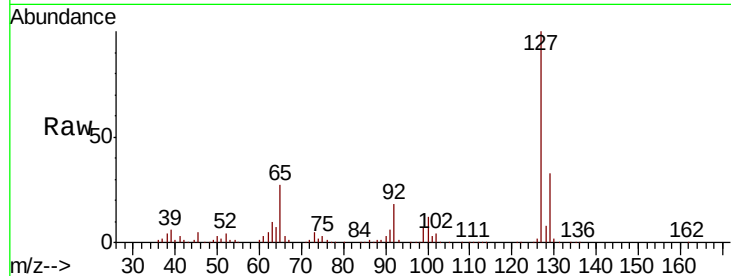
#33
4-Chloroaniline
Concen: 39.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

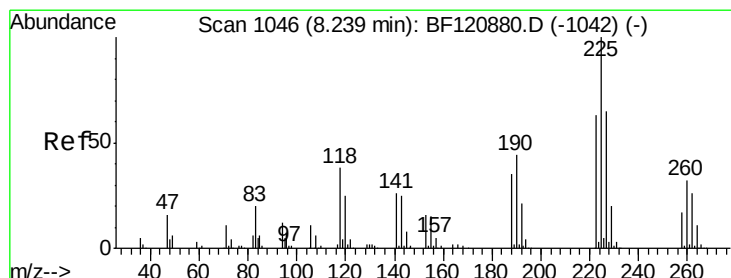
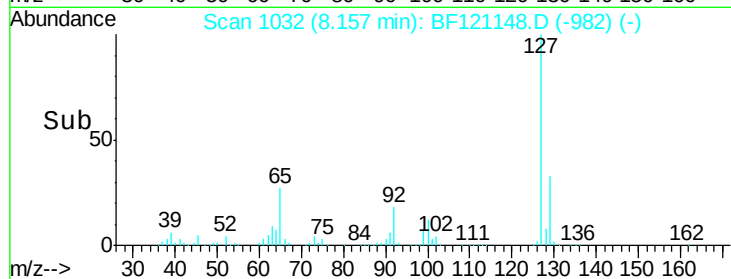
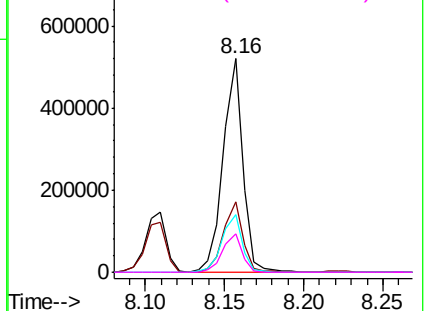
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	27.1	21.4	32.0
92	17.8	13.8	20.8

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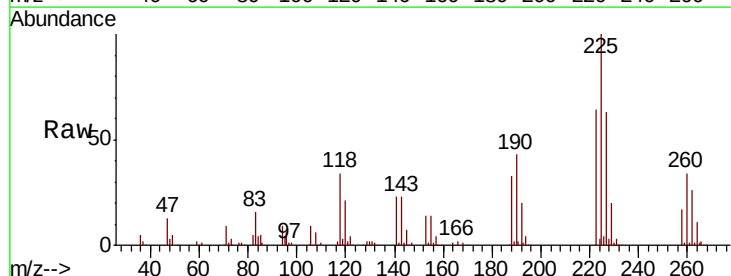


Abundance Ion 127.00 (126.70 to 127.70): E
800000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

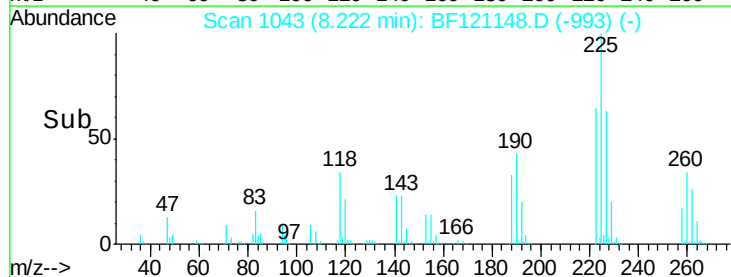
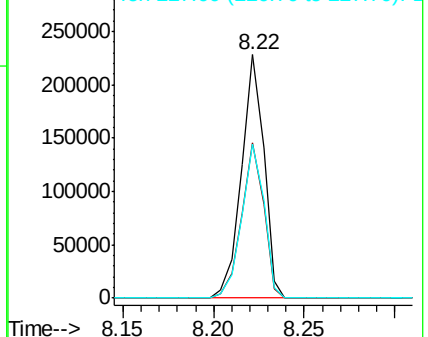


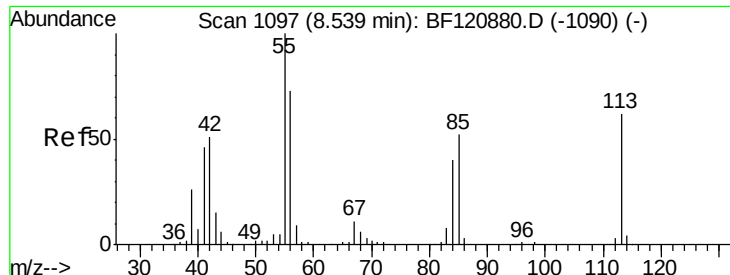
#34
Hexachlorobutadiene
Concen: 40.827 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.1	51.4	77.0



Abundance Ion 225.00 (224.70 to 225.70): E
300000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





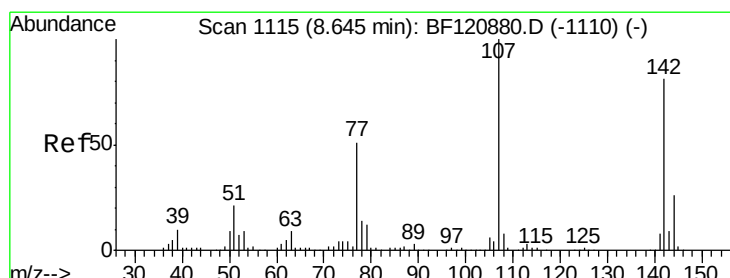
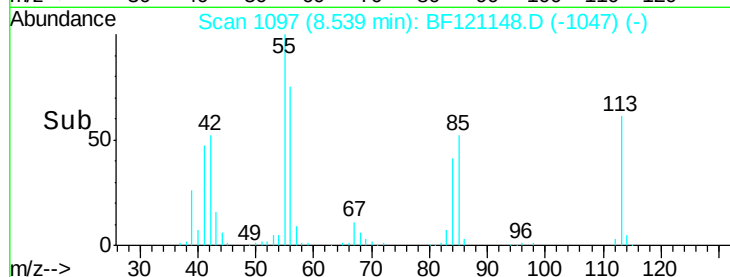
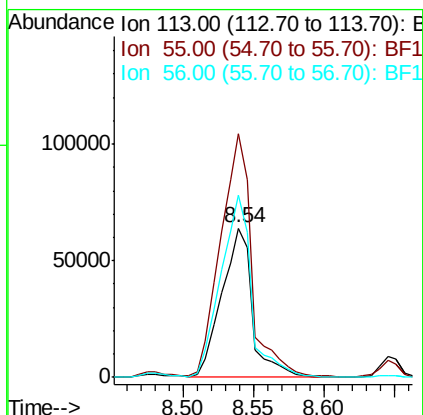
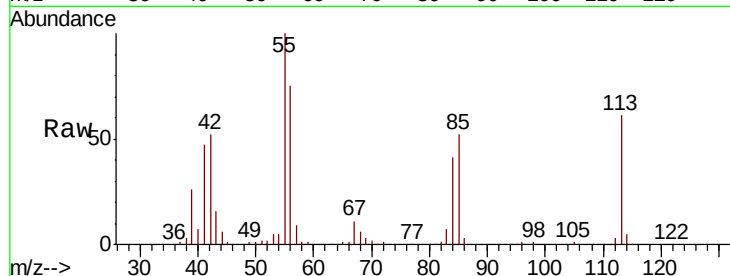
#35
 Caprolactam
 Concen: 41.137 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.8	131.0	171.0
56	121.6	90.4	130.4

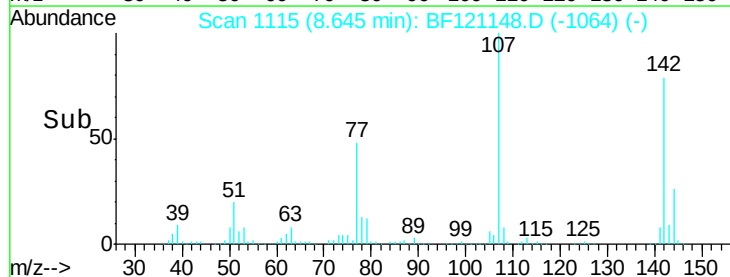
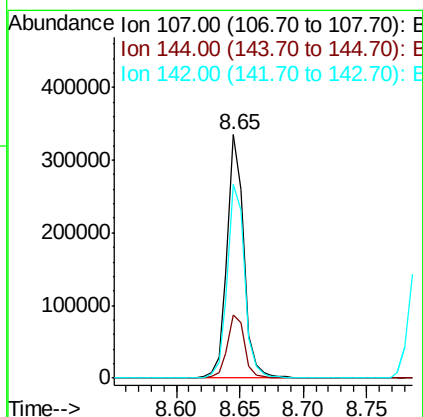
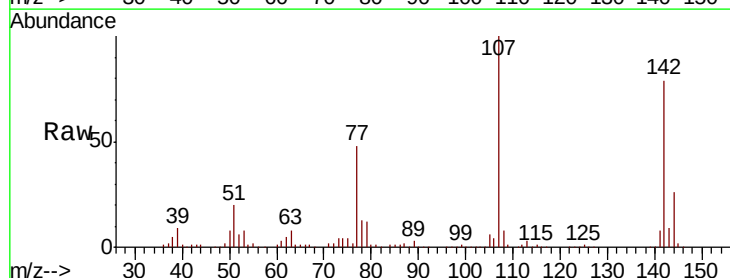
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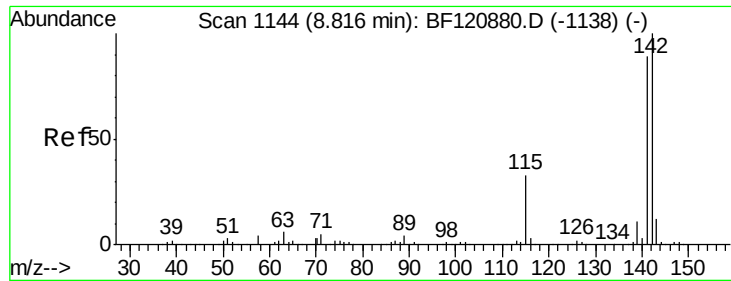
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#36
 4-Chloro-3-methylphenol
 Concen: 40.838 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.9	31.3
142	79.3	64.5	96.7





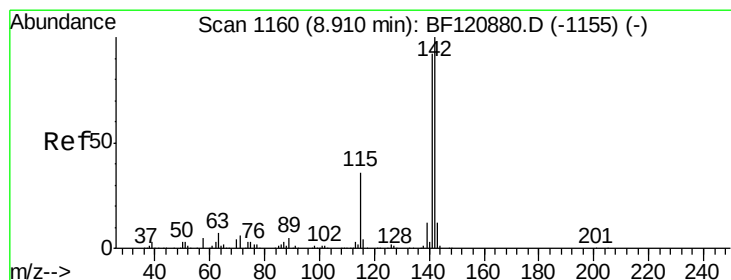
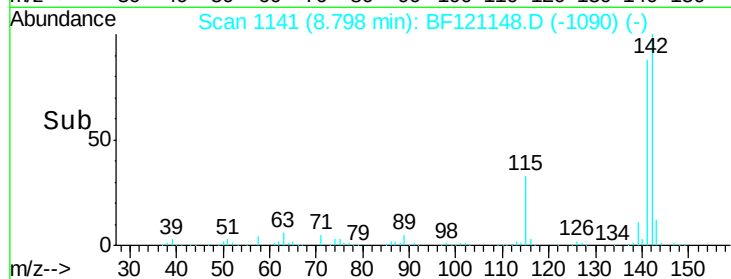
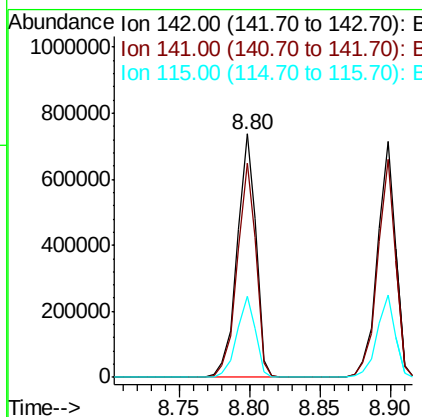
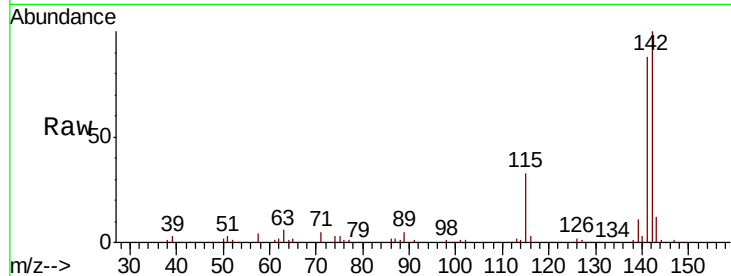
#37
2-Methylnaphthalene
Concen: 40.758 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	33.1	27.1	40.7

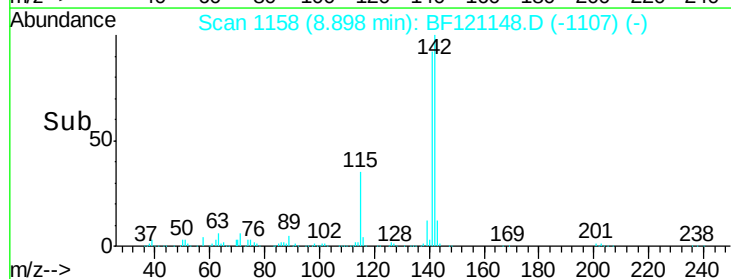
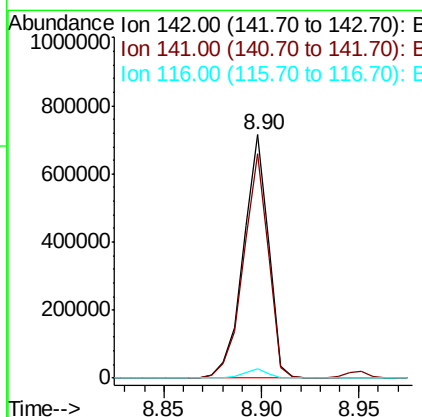
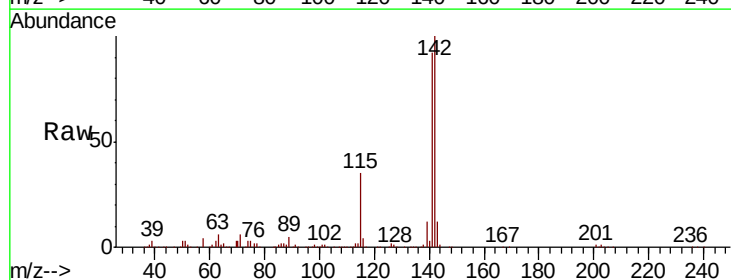
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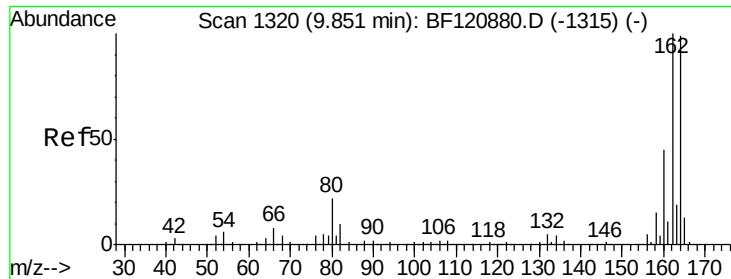
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#38
1-Methylnaphthalene
Concen: 40.373 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.0	109.6
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

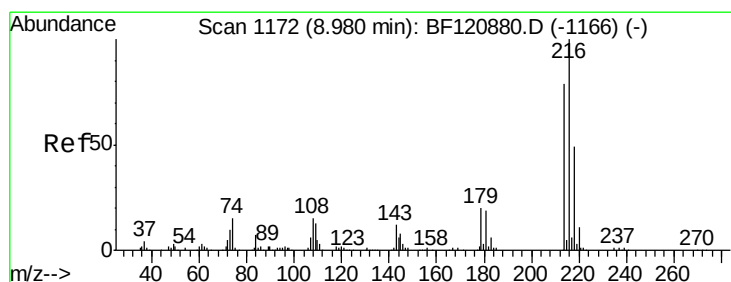
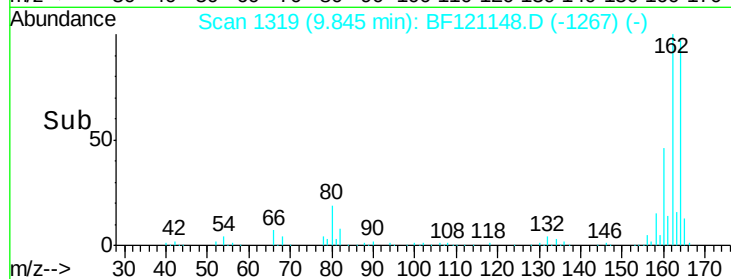
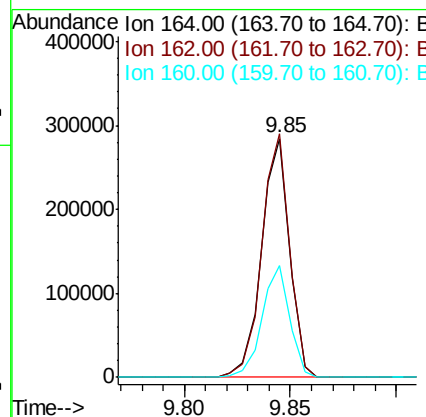
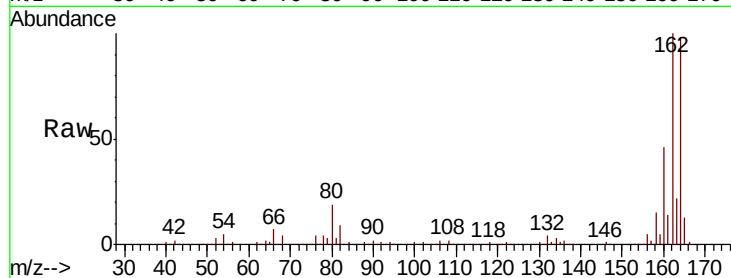
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	262824
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.2	123.2
160	46.7	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.405 ng

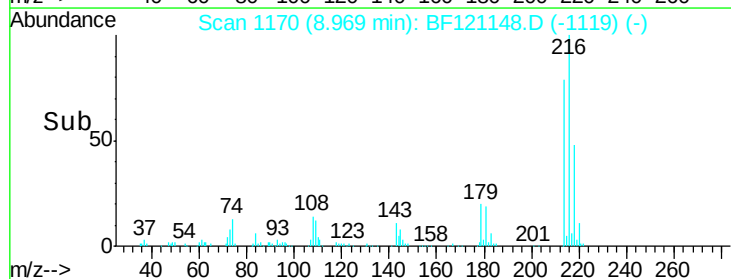
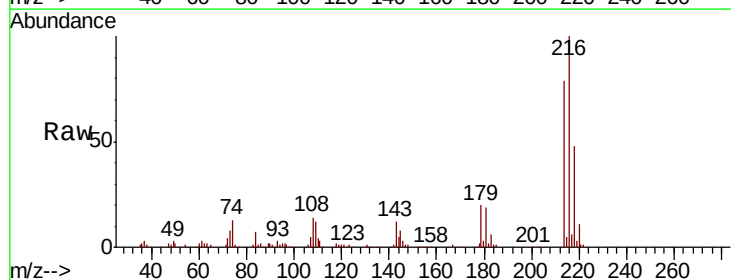
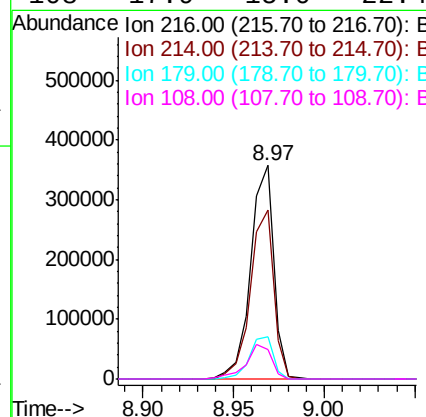
RT: 8.97 min Scan# 1170

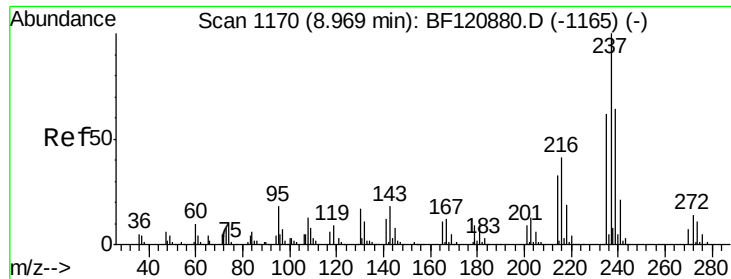
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:	216	Resp:	317063
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.9	95.9
179	20.5	16.6	24.8
108	17.9	15.0	22.4





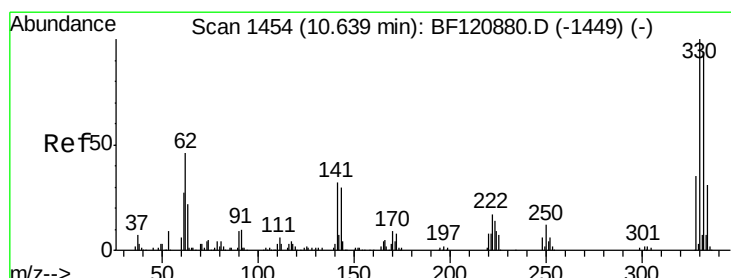
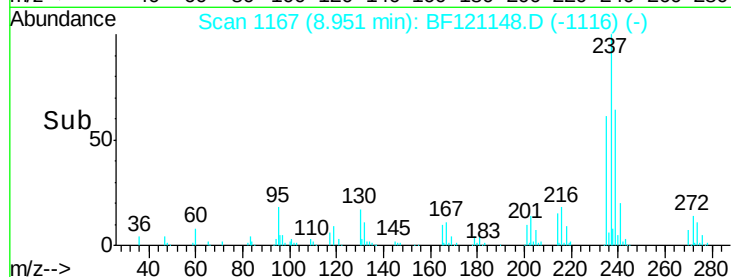
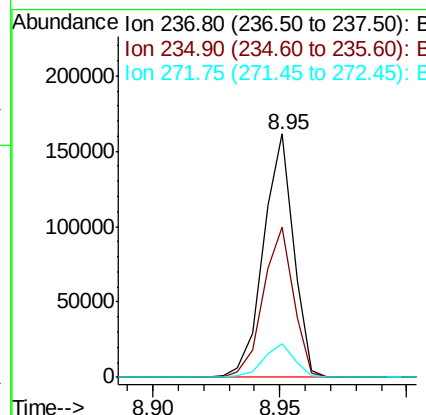
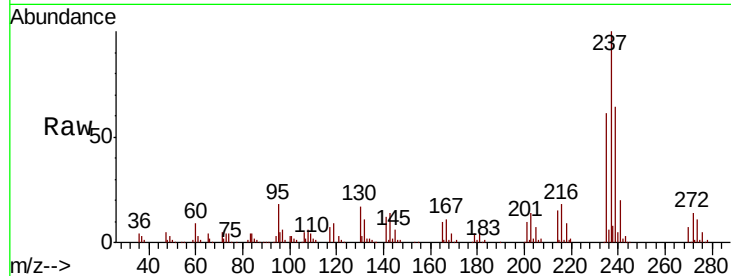
#41
Hexachlorocyclopentadiene
Concen: 31.726 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	43.2	83.2
272	13.7	0.0	33.6

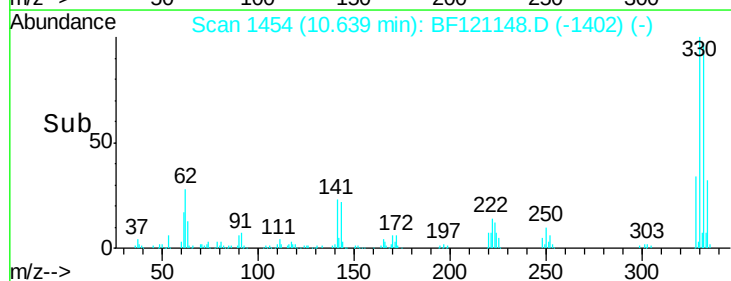
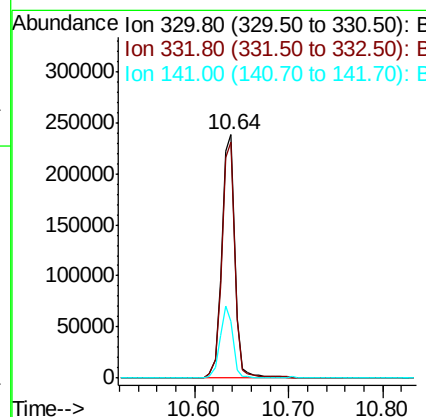
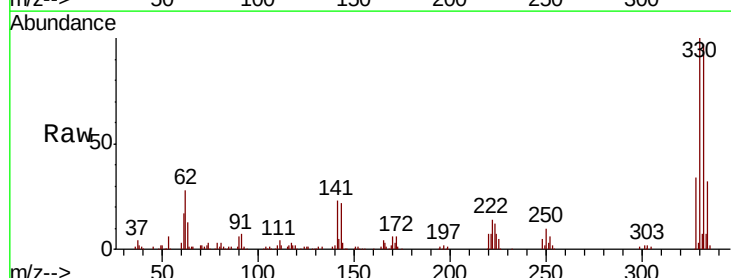
Manual Integrations
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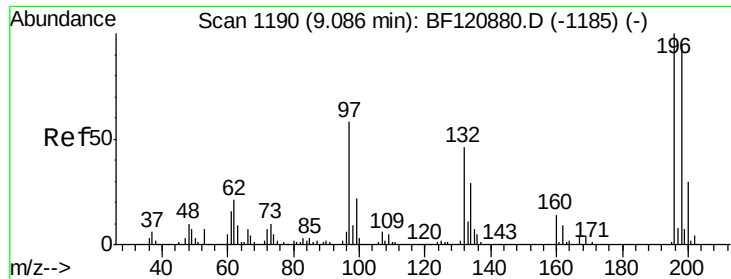
mohammad
8/3/2020 12:22:48 PM



#42
2,4,6-Tribromophenol
Concen: 82.250 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	76.1	114.1
141	29.5	24.1	36.1





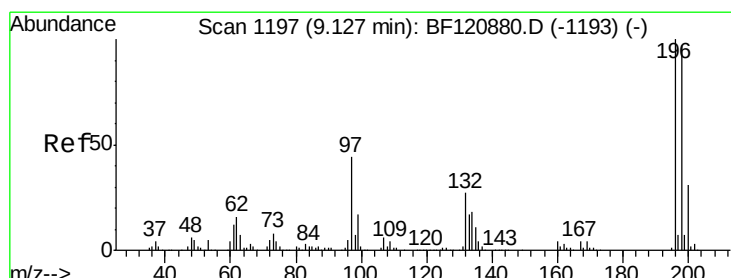
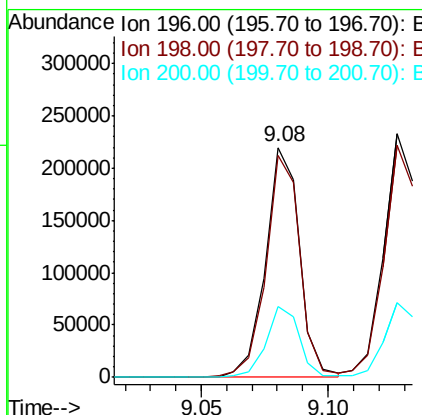
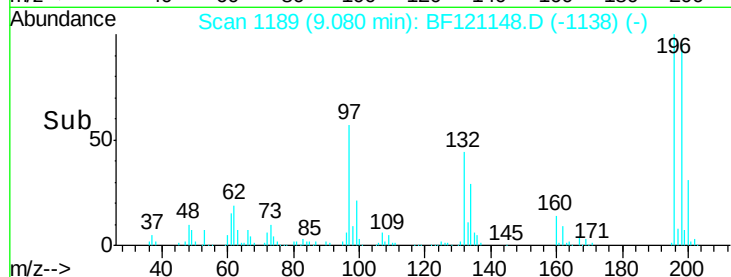
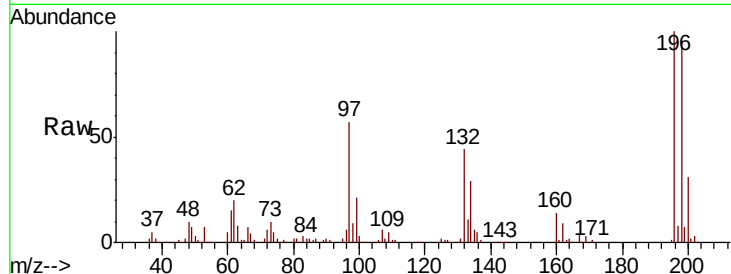
#43
 2,4,6-Trichlorophenol
 Concen: 38.393 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		207001		
198	96.2	77.5	116.3		
200	30.7	24.6	37.0		

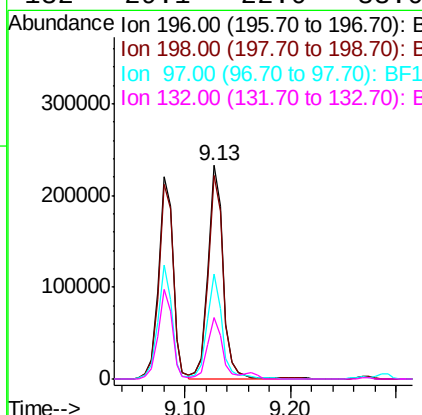
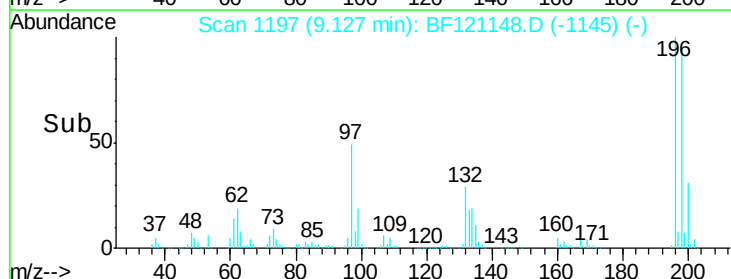
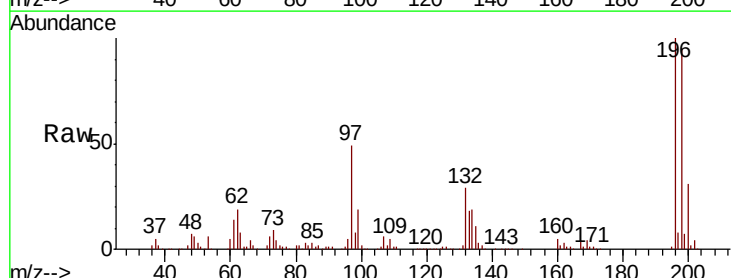
Manual Integrations
 APPROVED

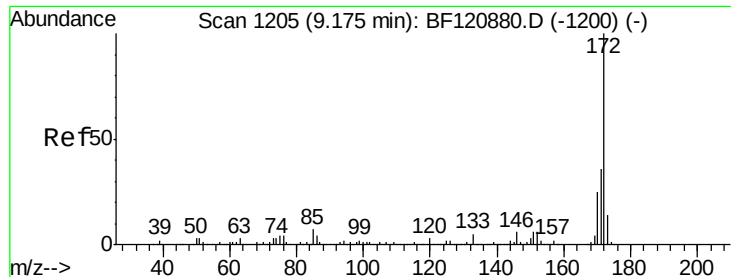
mohammad
 8/3/2020 12:22:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.251 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		233940		
198	95.4	76.2	114.4		
97	49.2	37.3	55.9		
132	29.1	22.0	33.0		





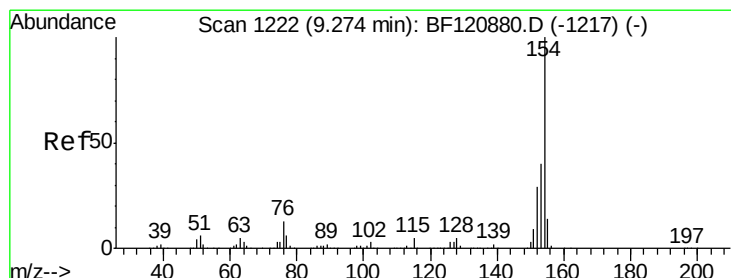
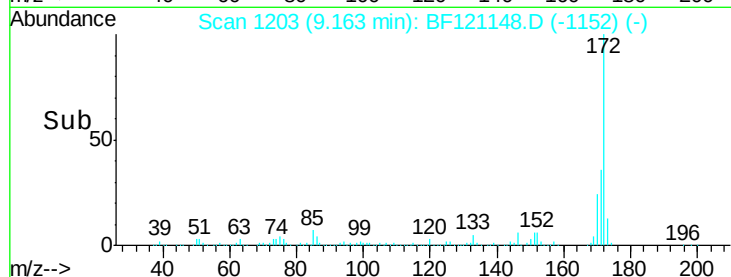
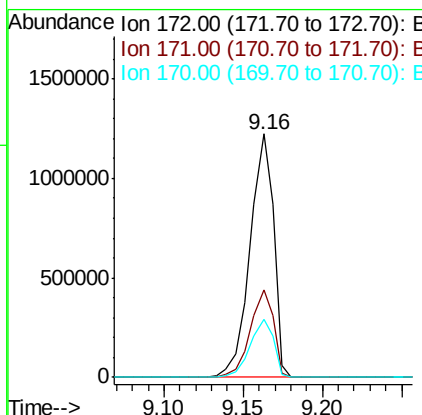
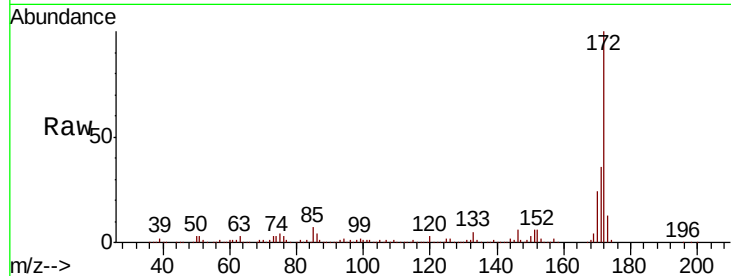
#45
2-Fluorobiphenyl
Concen: 71.545 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.0	19.6	29.4

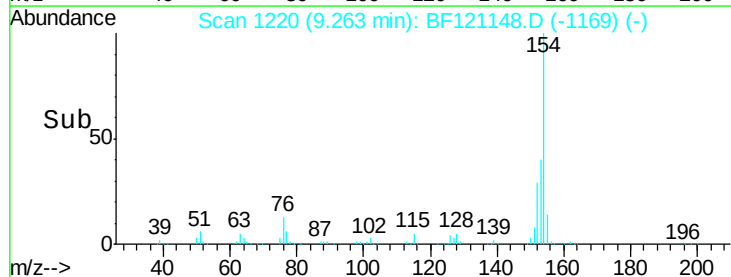
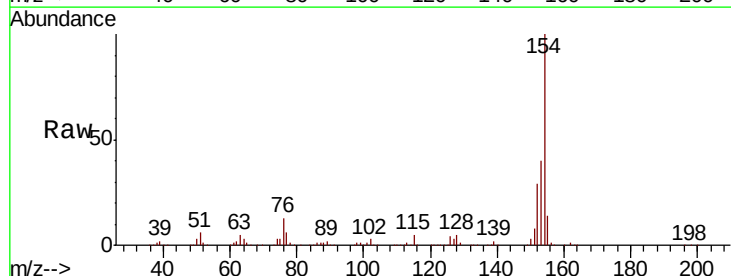
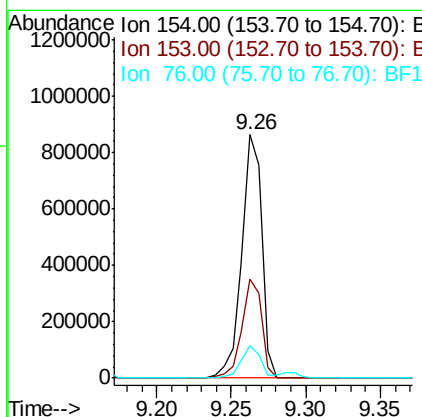
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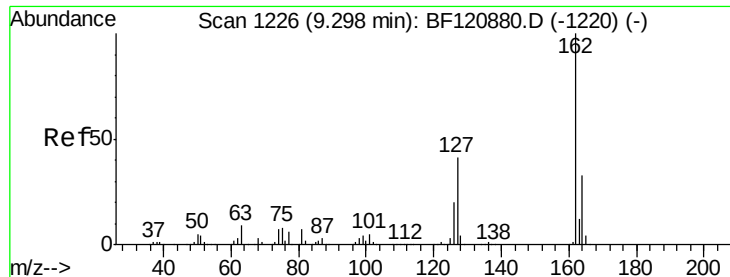
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#46
1,1'-Biphenyl
Concen: 40.350 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	13.3	0.0	33.4





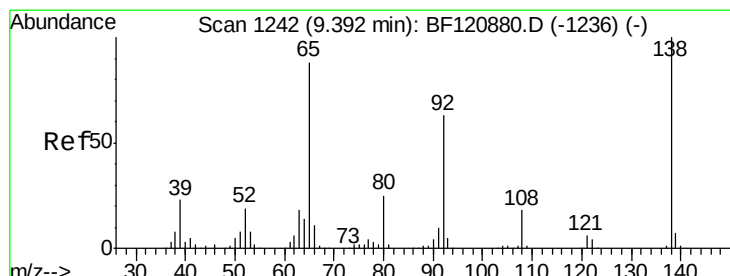
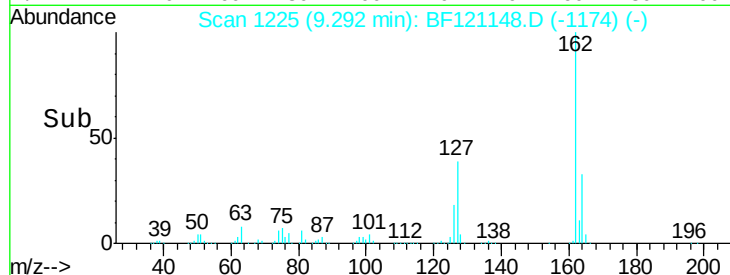
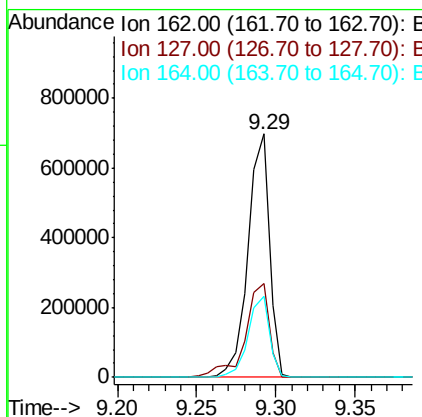
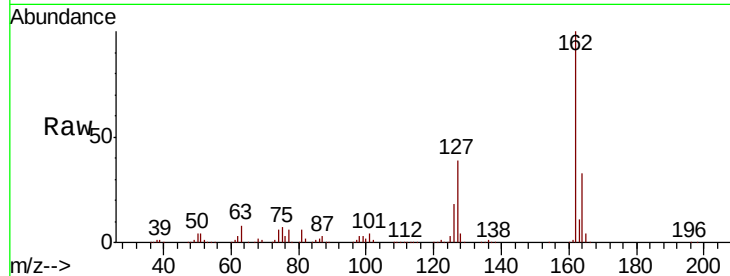
#47
 2-Chloronaphthalene
 Concen: 40.021 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.7	31.1	46.7		
164	33.5	26.6	40.0		

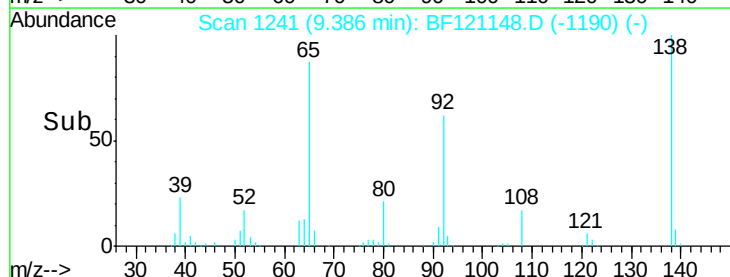
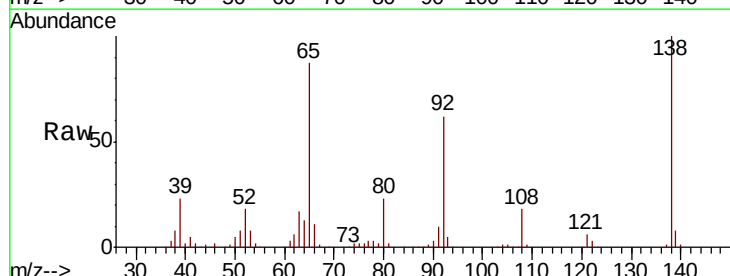
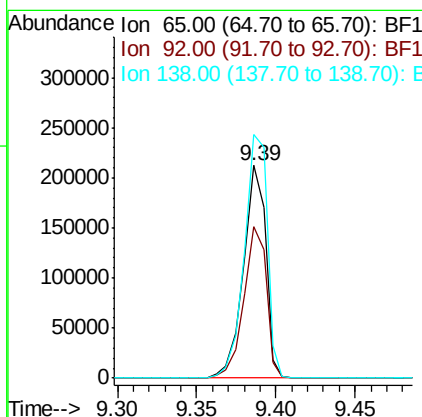
Manual Integrations
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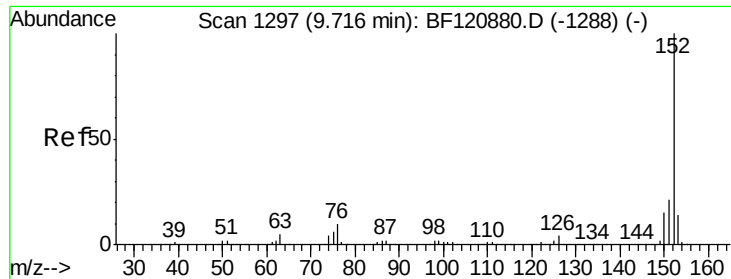
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#48
 2-Nitroaniline
 Concen: 42.004 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.1	58.0	87.0		
138	114.5	93.3	139.9		





#49

Acenaphthylene

Concen: 39.902 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1013218

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

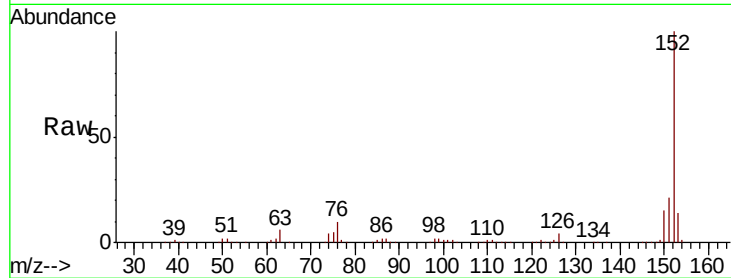
153 13.7 11.0 16.4

Manual Integrations

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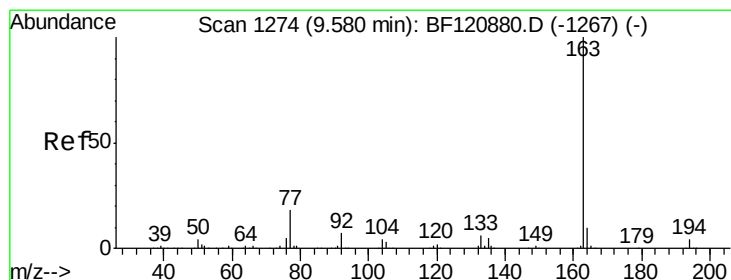
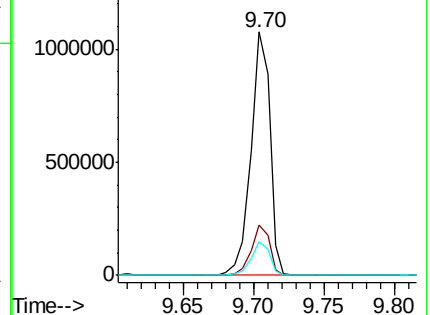
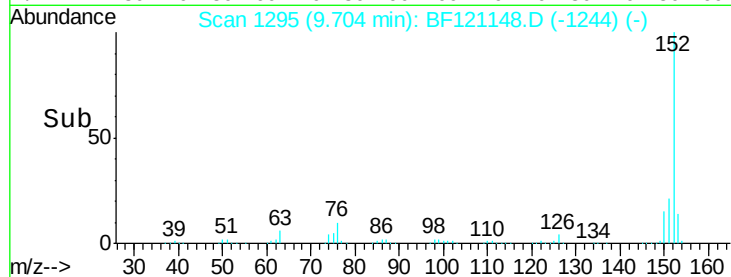
8/3/2020 12:22:48 PM



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: 41.018 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

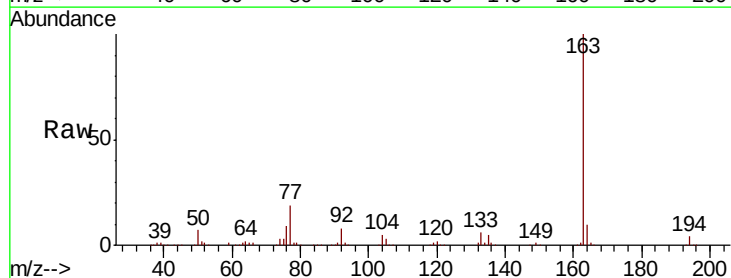
Tgt Ion:163 Resp: 777755

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

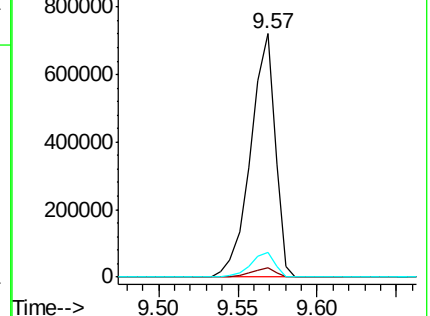
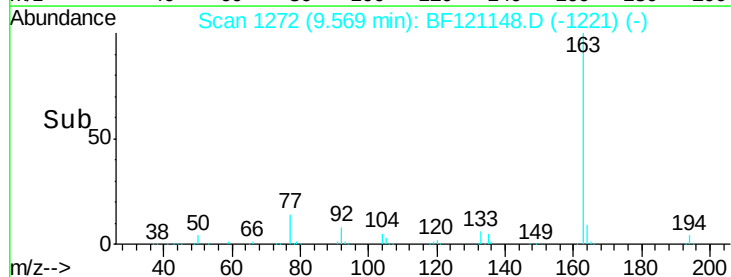
164 10.1 8.4 12.6

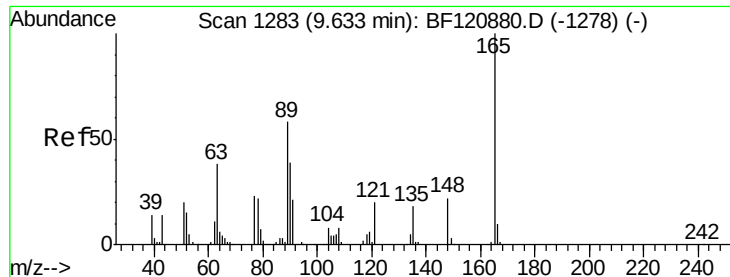


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





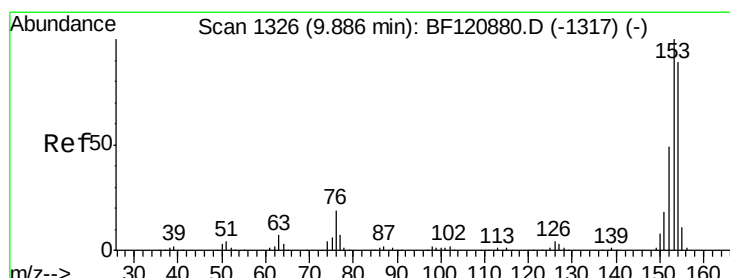
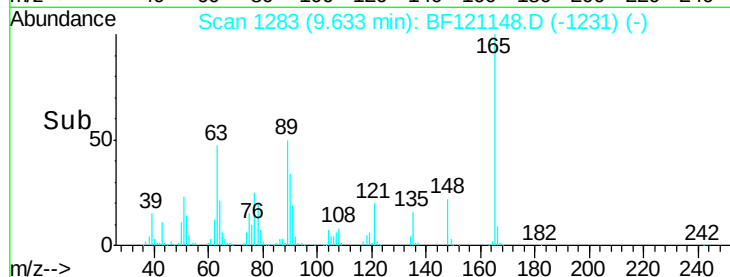
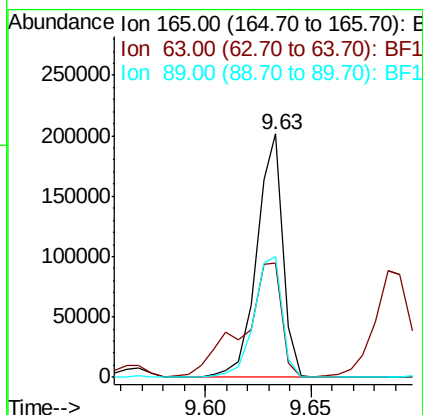
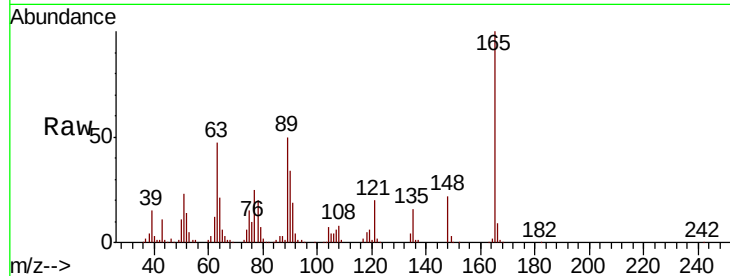
#51
2,6-Dinitrotoluene
Concen: 42.438 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	172875		
63	47.2		41.1	61.7
89	49.8		43.5	65.3

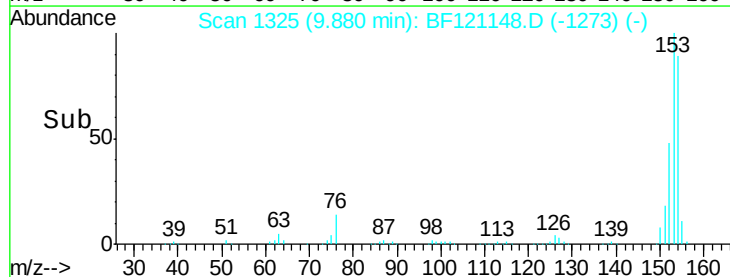
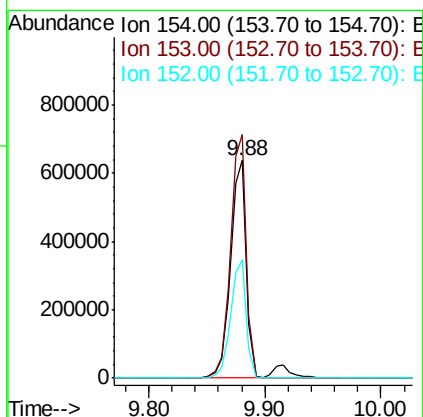
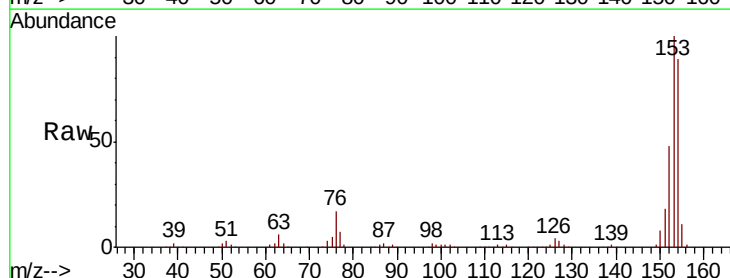
Manual Integrations
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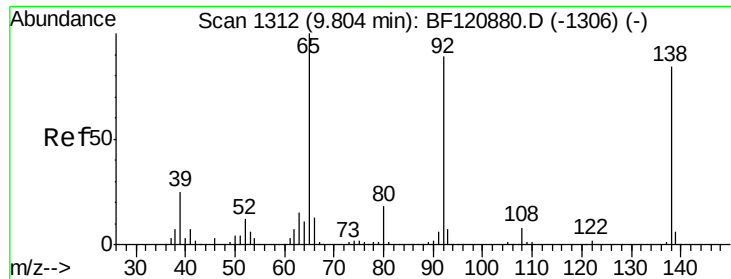
mohammad
8/3/2020 12:22:48 PM



#52
Acenaphthene
Concen: 39.550 ng m
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	638492		
153	112.0		89.6	134.4
152	54.1		43.8	65.6





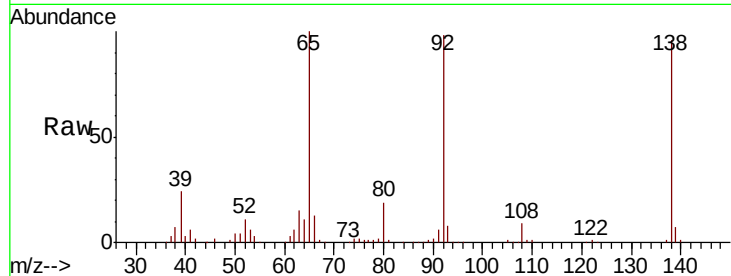
#53
3-Nitroaniline
Concen: 40.762 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.8
92	101.3	85.0	127.4

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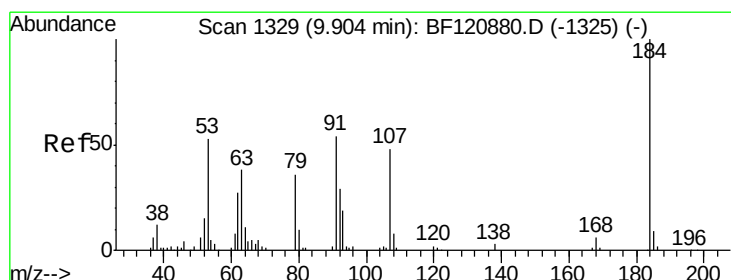
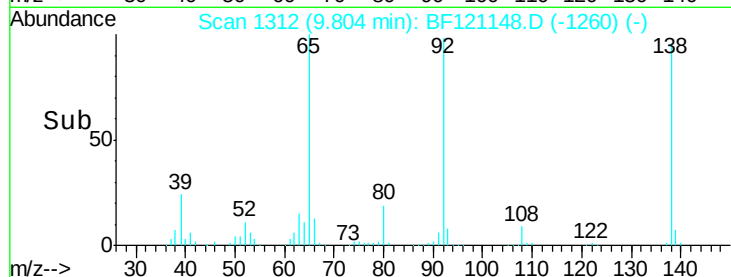
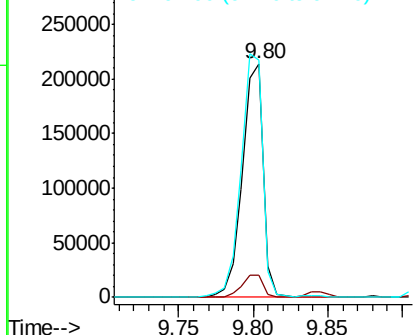


Abundance

Ion 138.00 (137.70 to 138.70): E

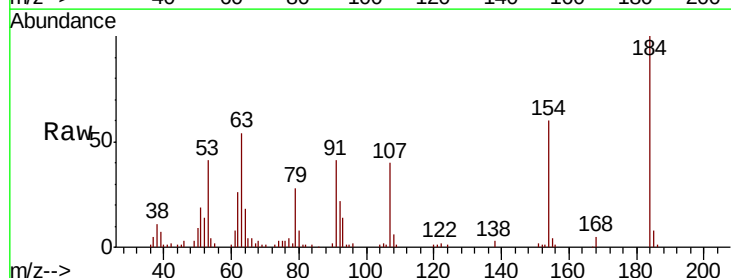
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.721 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	42.5	63.7
154	60.5	46.8	70.2

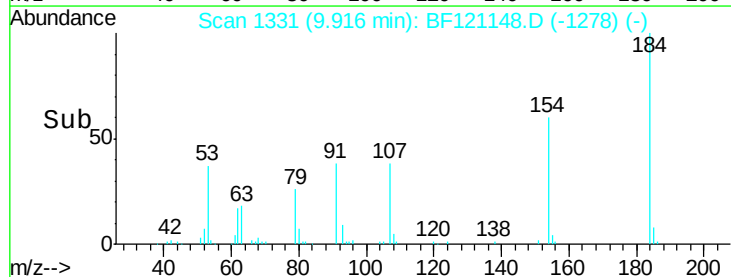
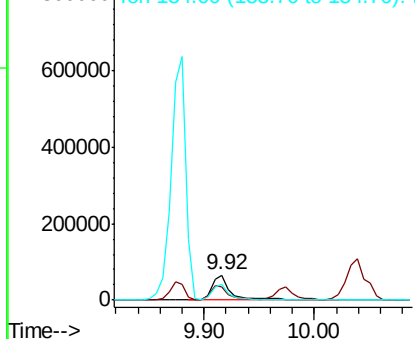


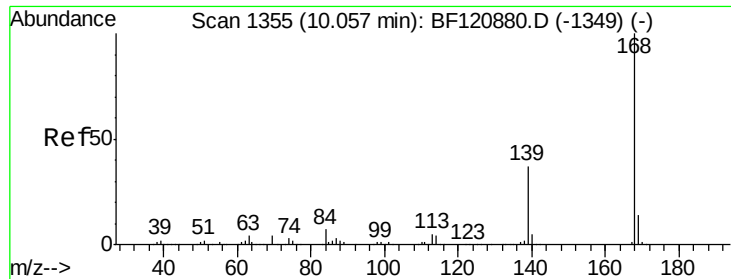
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





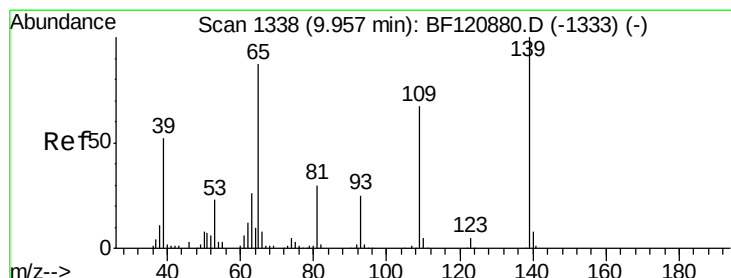
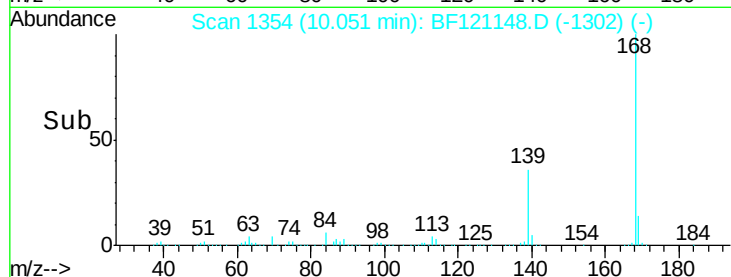
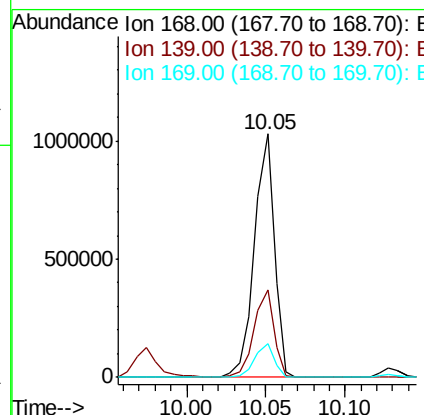
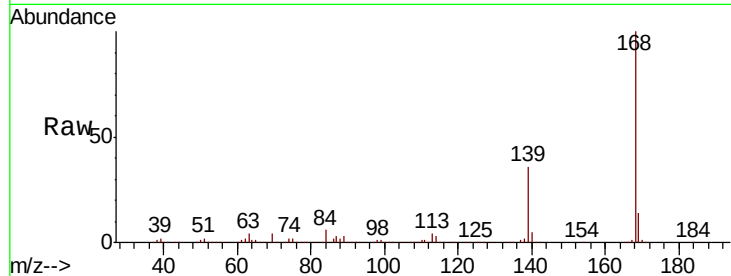
#55
Dibenzofuran
Concen: 38.632 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
168	100	901901		
139	35.8	30.1	45.1	
169	13.7	11.3	16.9	

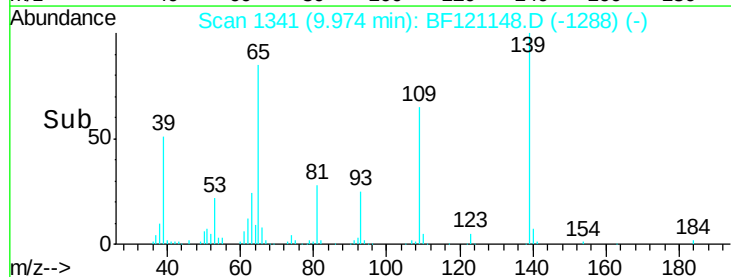
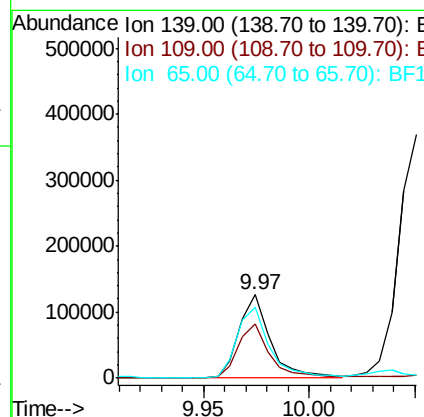
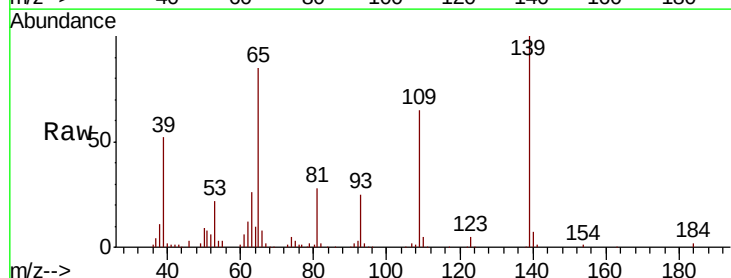
Manual Integrations
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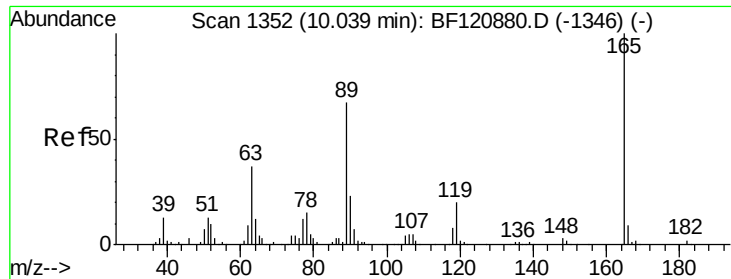
mohammad
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#56
4-Nitrophenol
Concen: 33.702 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130795		
109	64.9	44.8	84.8	
65	85.3	65.6	105.6	





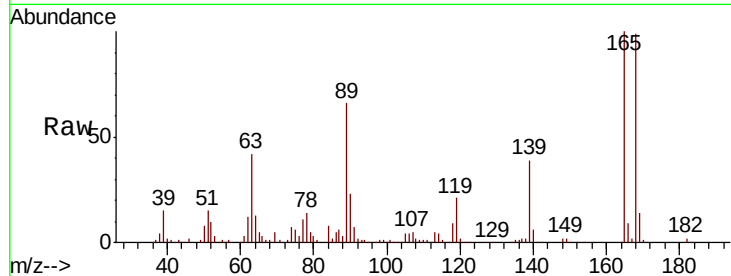
#57
2,4-Dinitrotoluene
Concen: 42.460 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

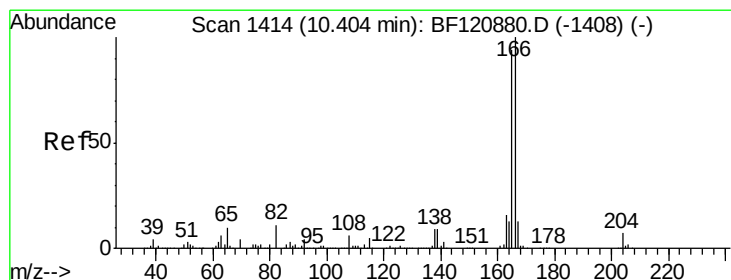
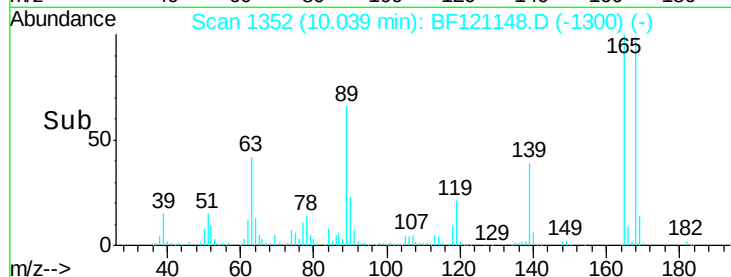
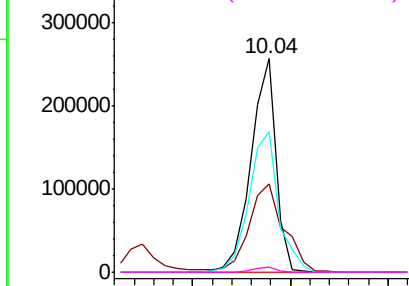
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		227138		
63	41.6	29.8	44.8		
89	66.1	50.3	75.5		
182	2.5	2.1	3.1		

Manual Integrations
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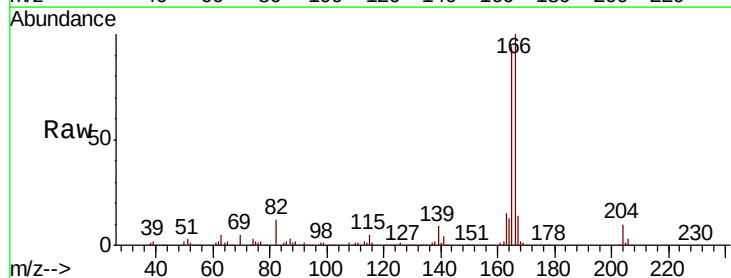


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

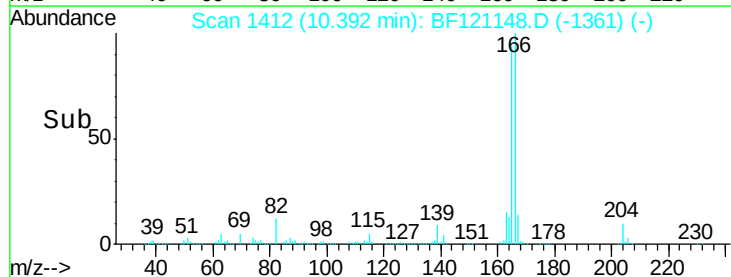
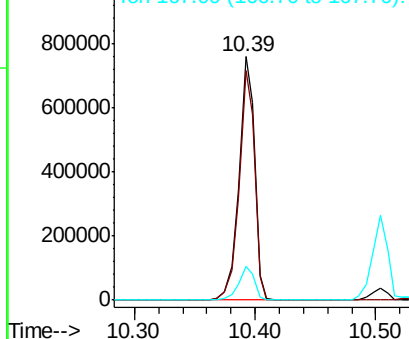


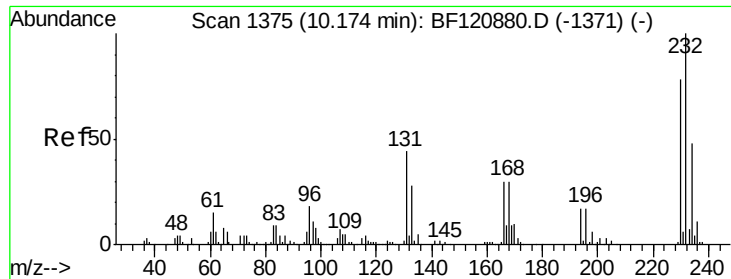
#58
Fluorene
Concen: 39.298 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		684250		
165	94.3	76.4	114.6		
167	13.8	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: 37.179 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

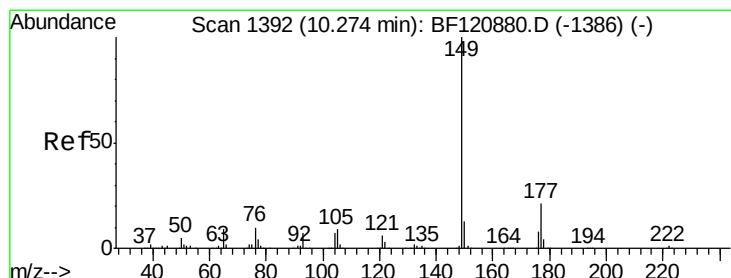
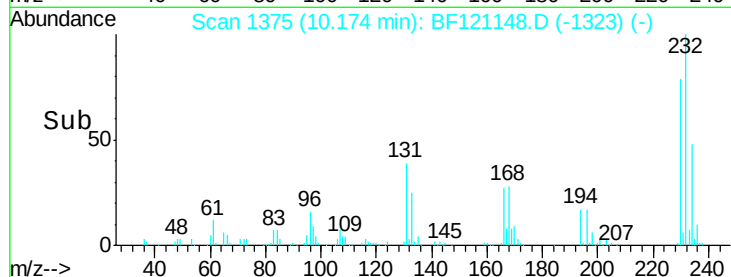
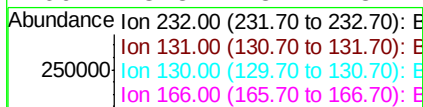
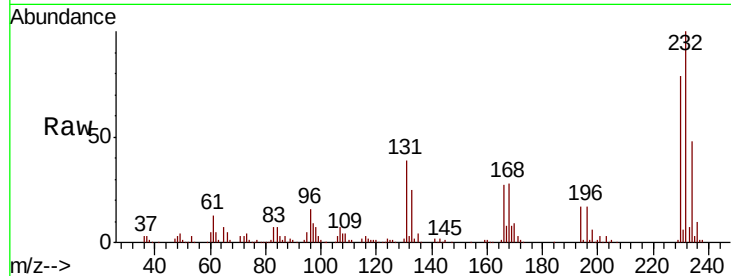
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		173127		
131	43.2	34.2	51.2		
130	2.0	1.7	2.5		
166	28.3	23.1	34.7		

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#60

Diethylphthalate

Concen: 39.915 ng

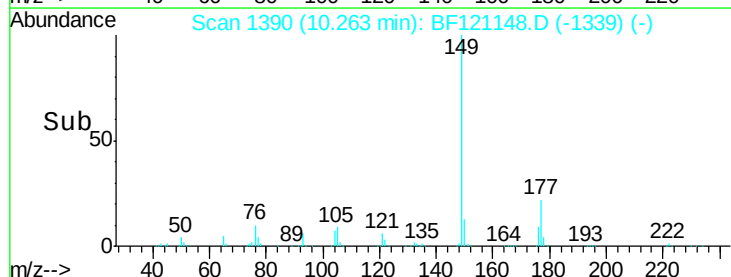
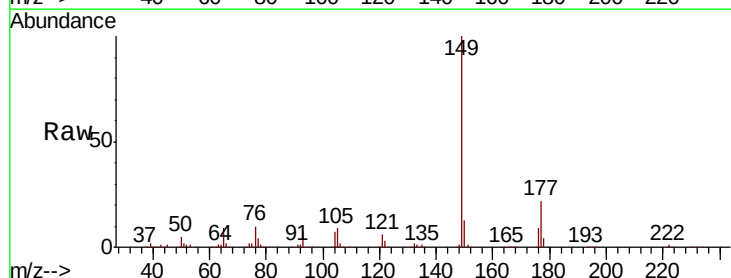
RT: 10.26 min Scan# 1390

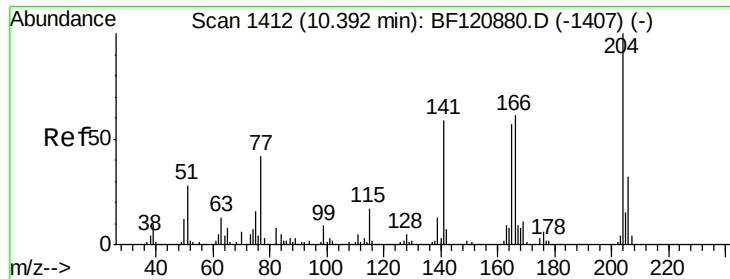
Delta R.T. -0.00 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		765522		
177	22.0	17.6	26.4		
150	12.8	10.2	15.4		





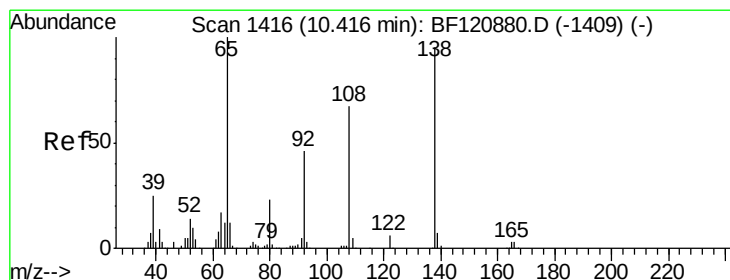
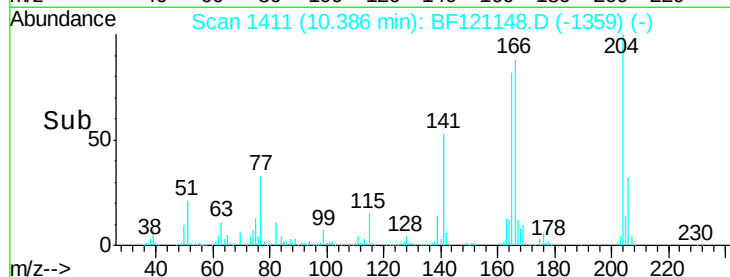
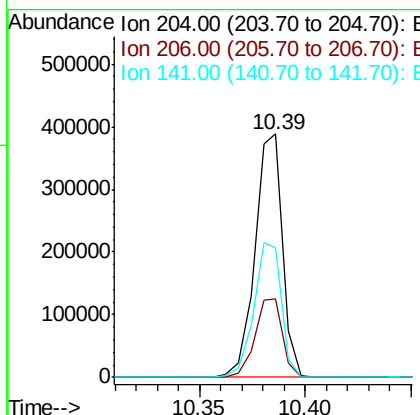
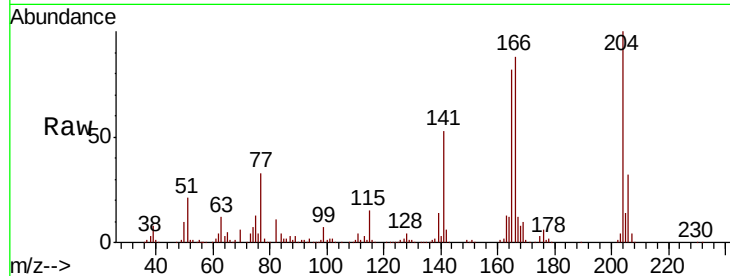
#61
 4-Chlorophenyl-phenylether
 Concen: 37.829 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	53.0	46.9	70.3

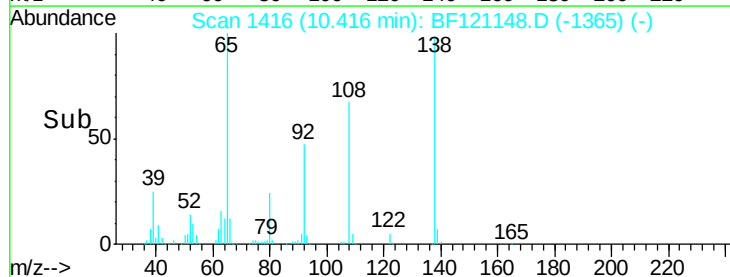
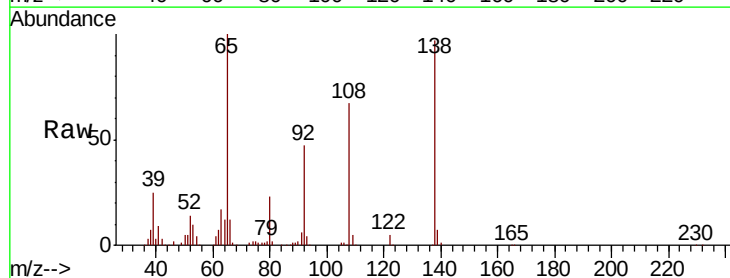
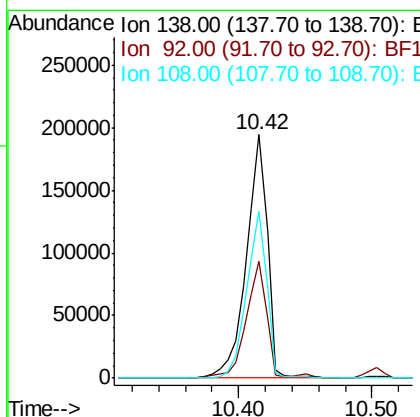
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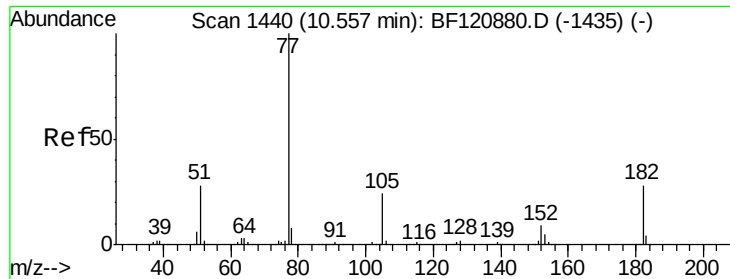
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#62
 4-Nitroaniline
 Concen: 41.915 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	25.2	65.2
108	68.4	46.7	86.7





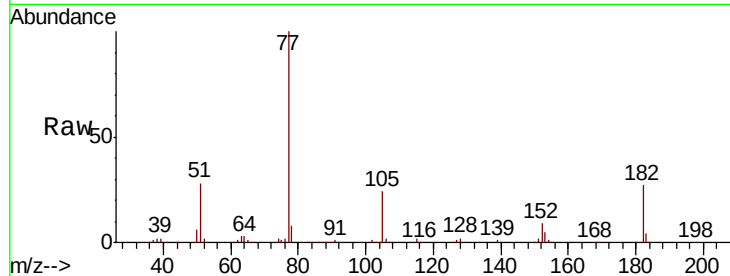
#63
Azobenzene
Concen: 38.936 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

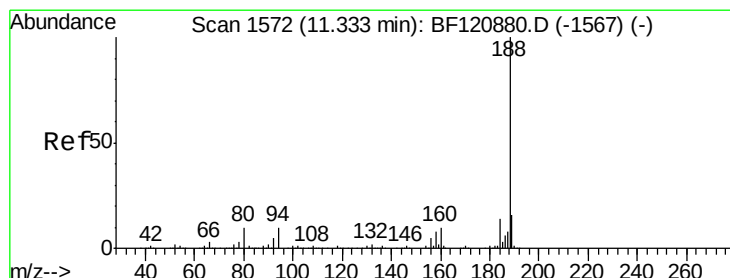
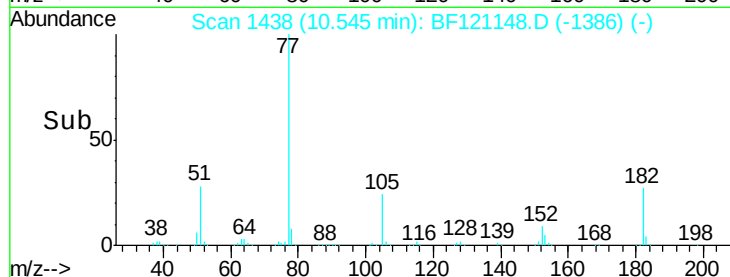
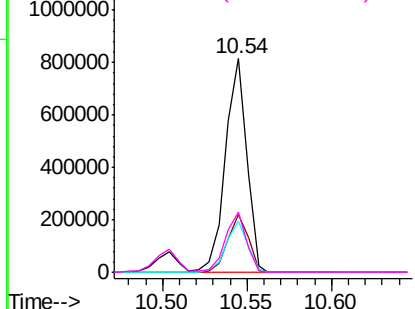
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.1	4.5	44.5	
105	24.1	3.4	43.4	
51	27.9	8.7	48.7	

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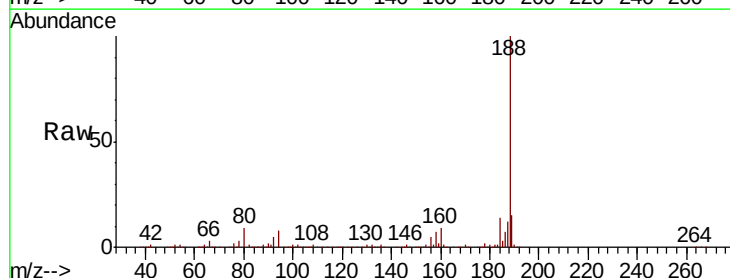


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

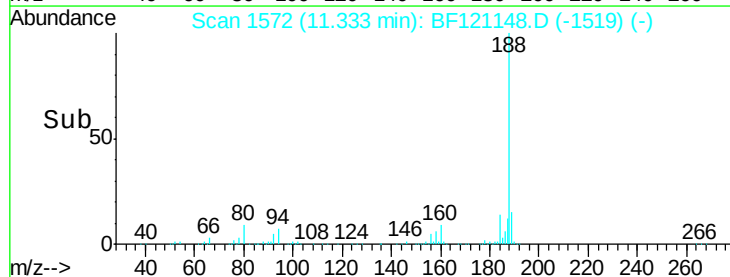
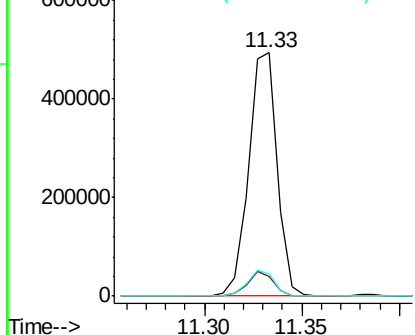


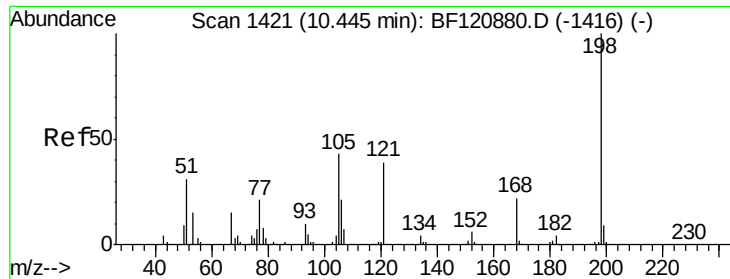
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	8.0	12.0	
80	8.9	8.3	12.5	



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





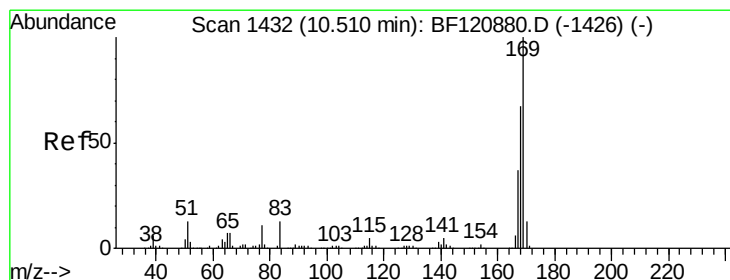
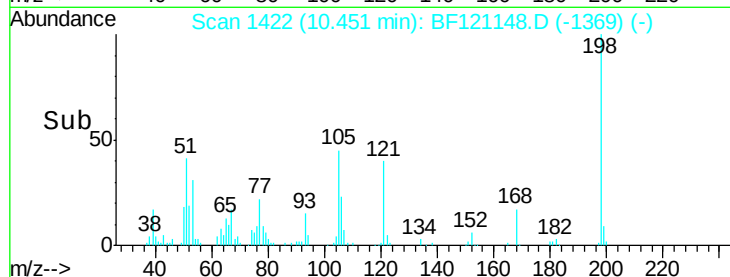
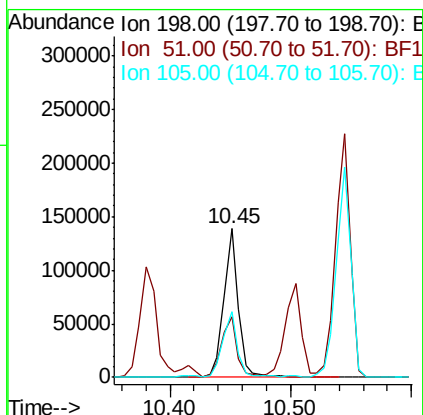
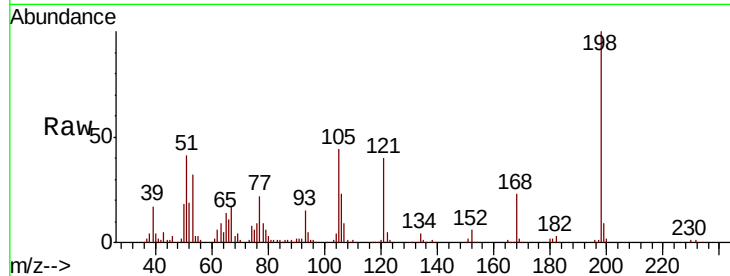
#65
4,6-Dinitro-2-methylphenol
Concen: 40.643 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	115610		
51	41.1	23.4	63.4	
105	44.1	23.7	63.7	

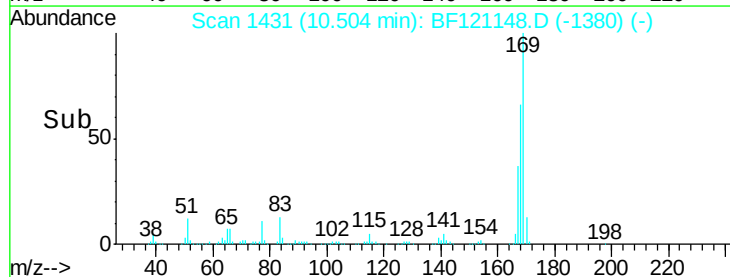
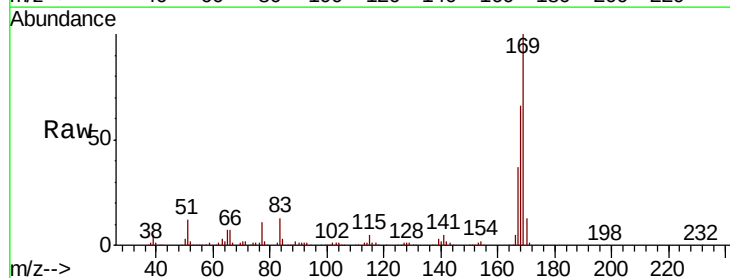
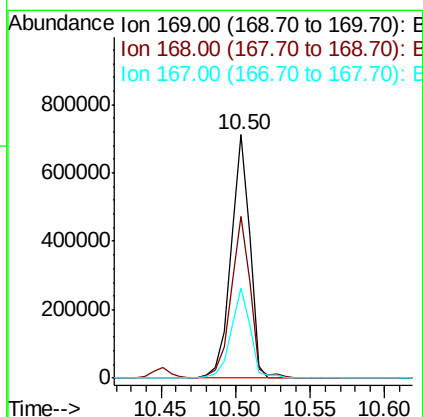
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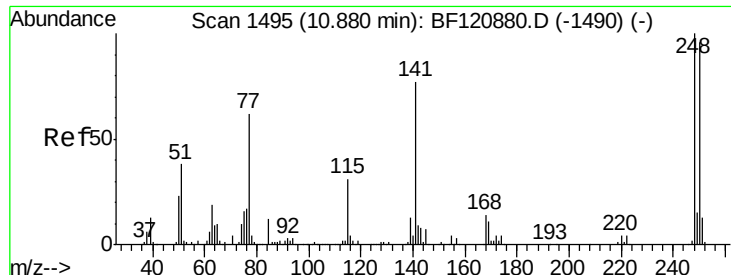
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#66
n-Nitrosodiphenylamine
Concen: 40.603 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	637824		
168	66.3	53.7	80.5	
167	36.9	30.0	45.0	





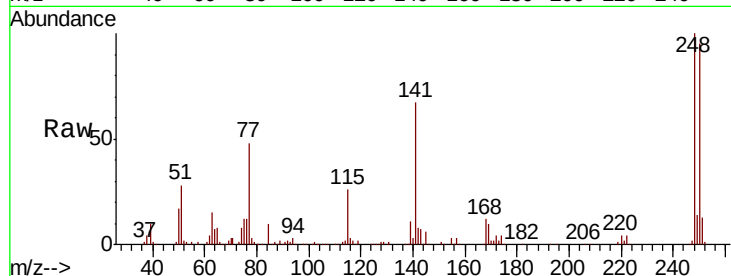
#67
 4-Bromophenyl-phenylether
 Concen: 42.591 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

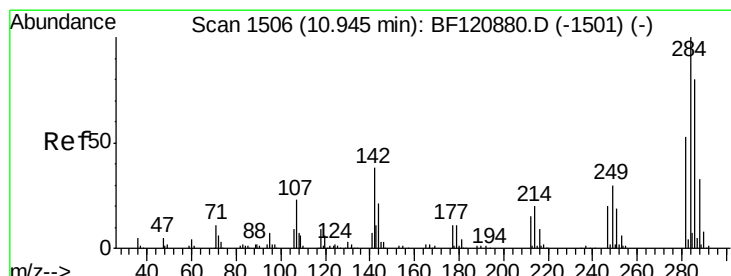
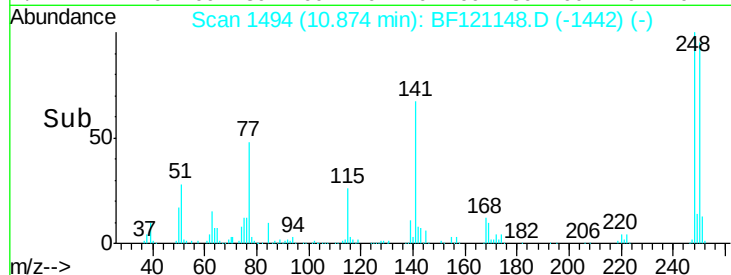
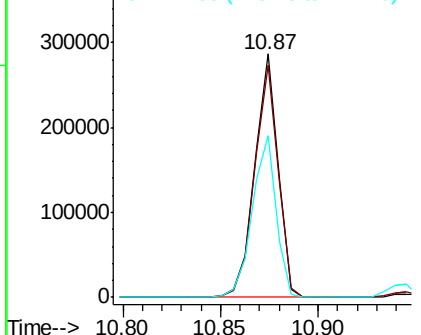
Tot Ion:	248	Resp:	237122
Ion Ratio	Lower	Upper	
248	100		
250	95.2	77.0	115.6
141	66.5	56.6	85.0

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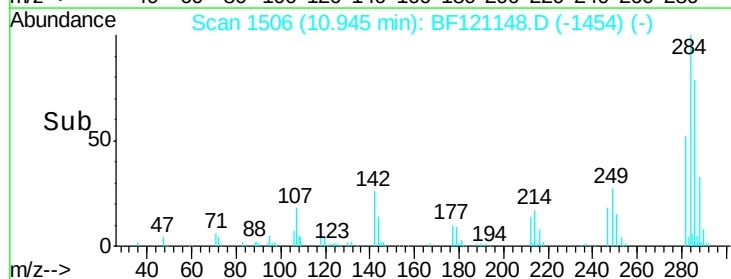
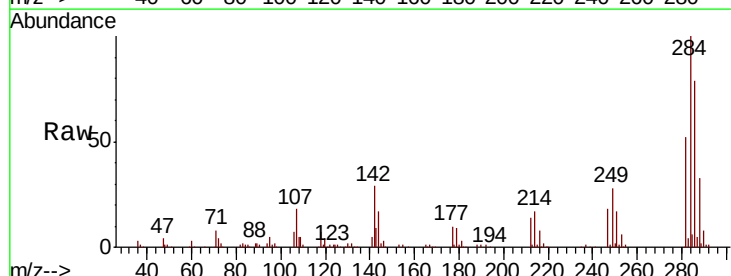
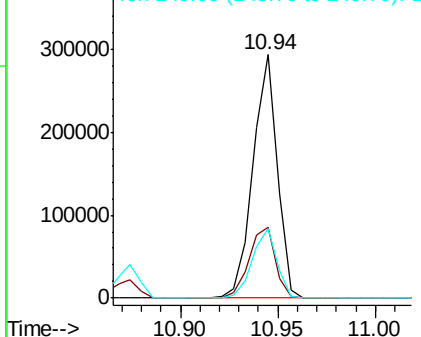
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

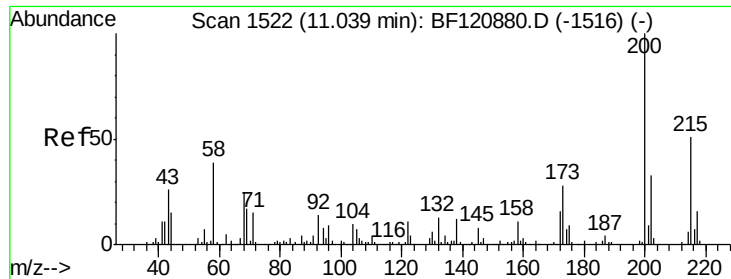


#68
 Hexachlorobenzene
 Concen: 42.046 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion:	284	Resp:	253221
Ion Ratio	Lower	Upper	
284	100		
142	29.2	21.1	31.7
249	28.3	22.5	33.7

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





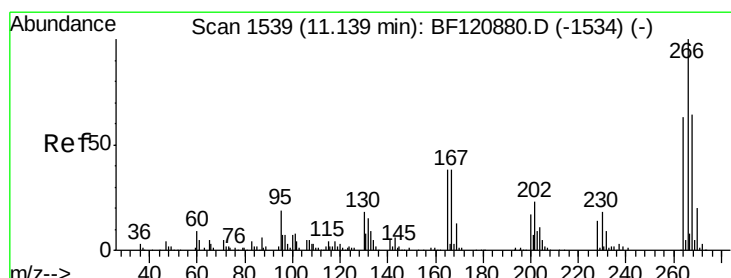
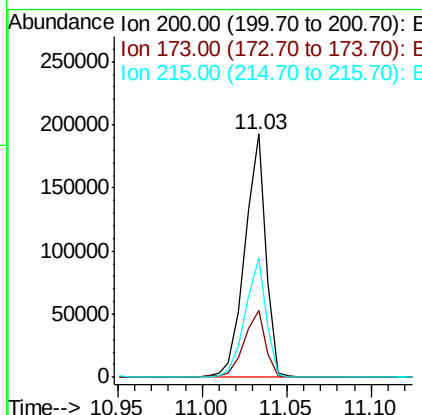
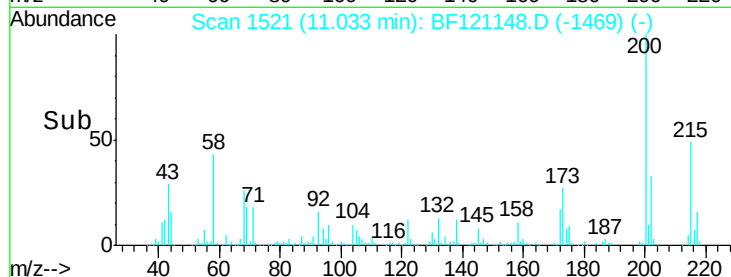
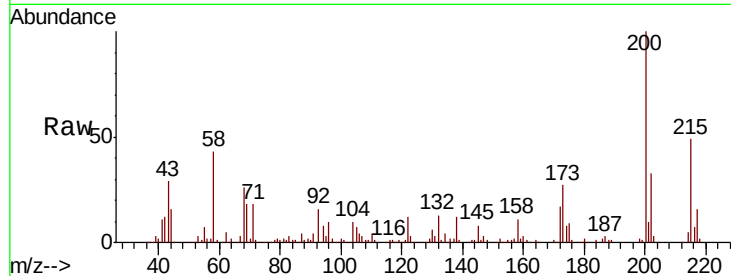
#69
Atrazine
Concen: 43.176 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.1	28.8	68.8

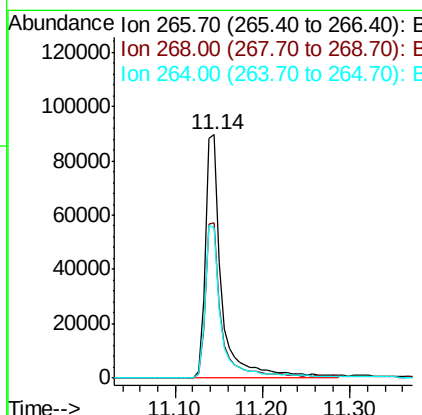
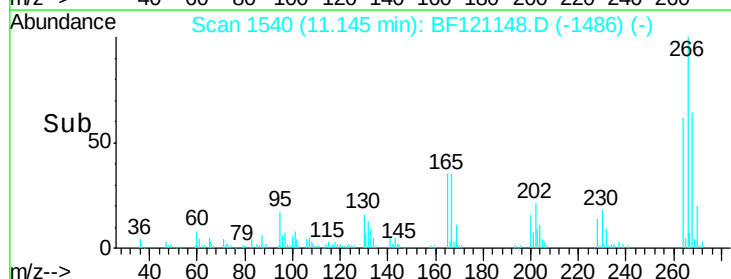
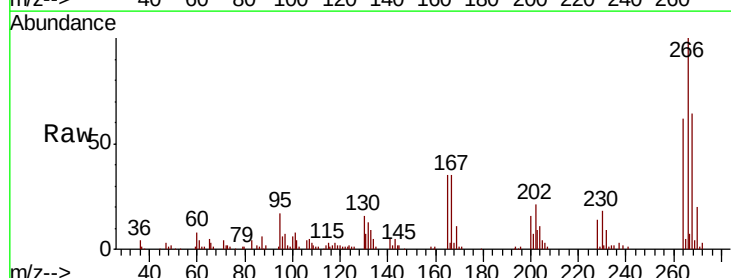
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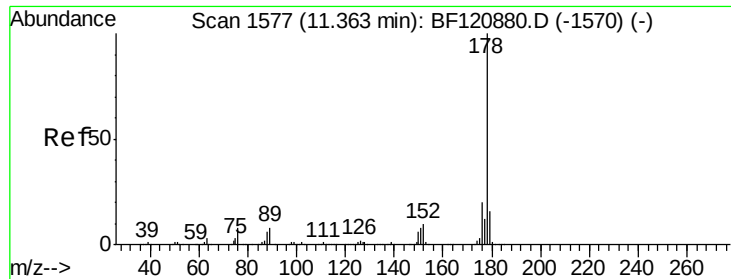
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#70
Pentachlorophenol
Concen: 34.428 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.7	74.5
264	61.8	50.4	75.6





#71

Phenanthrene

Concen: 39.844 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1023273

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

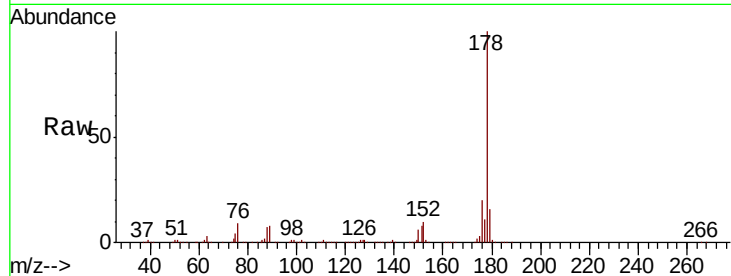
179 15.6 12.6 19.0

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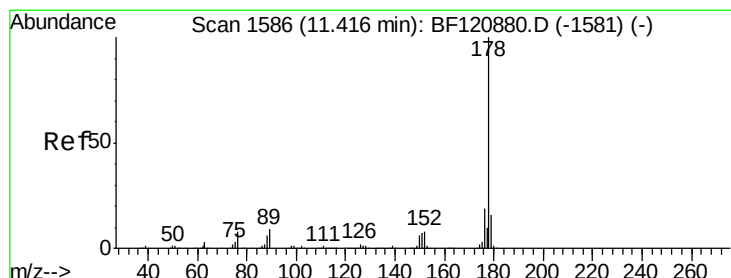
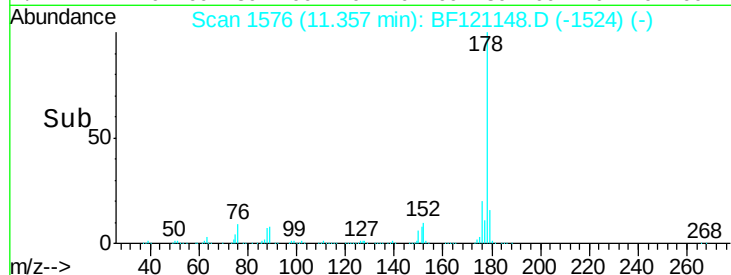
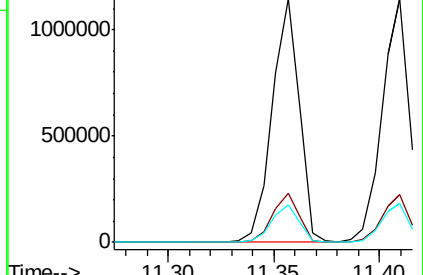
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.934 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Tgt Ion:178 Resp: 1029836

Ion Ratio Lower Upper

178 100

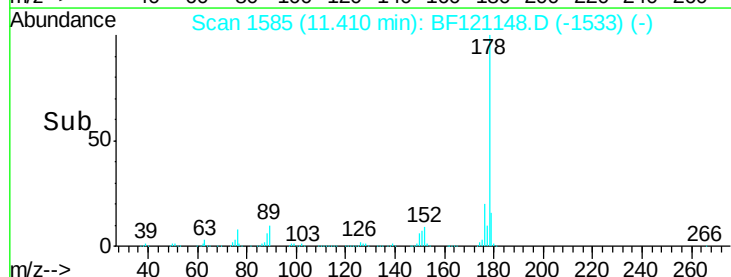
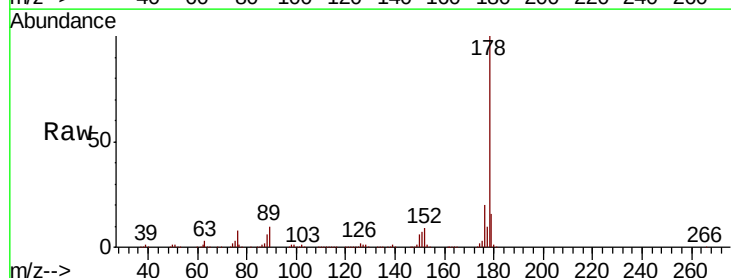
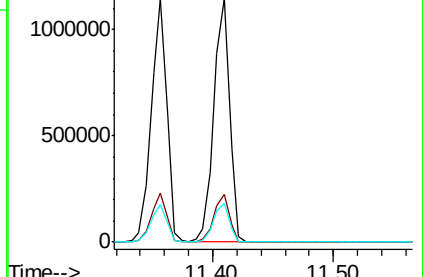
176 19.7 15.8 23.8

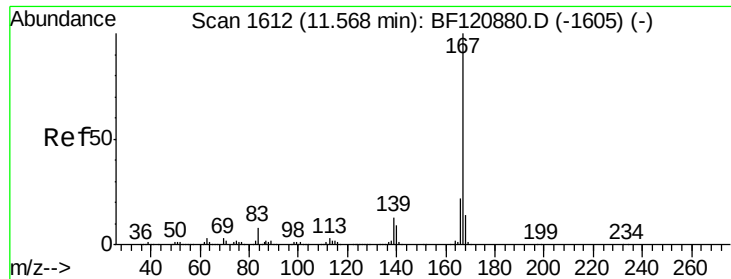
179 16.0 12.6 19.0

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





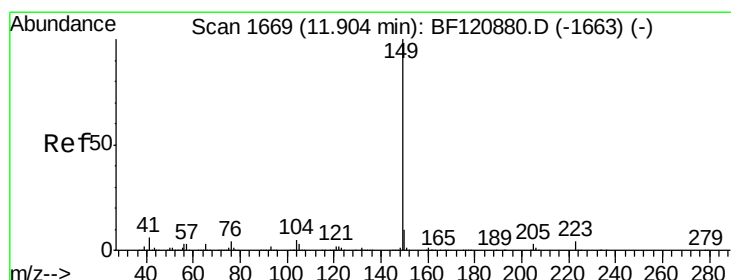
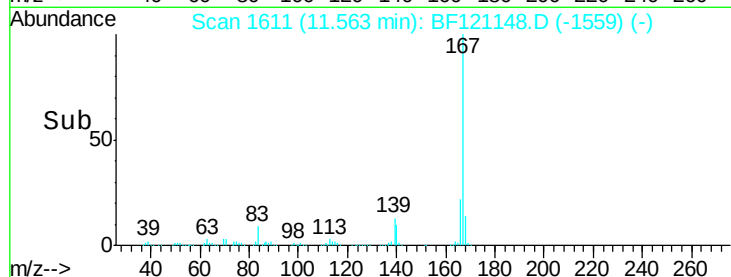
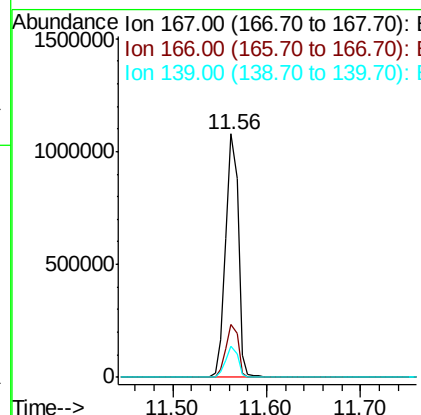
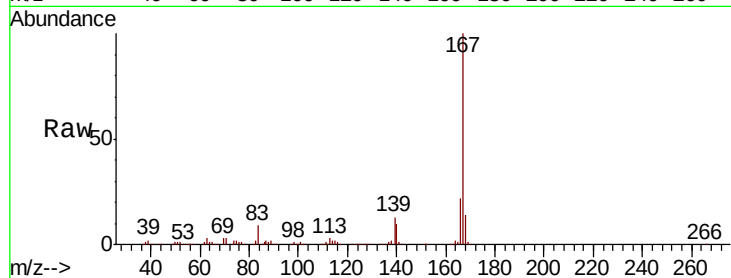
#73
 Carbazole
 Concen: 39.998 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.9	10.5	15.7

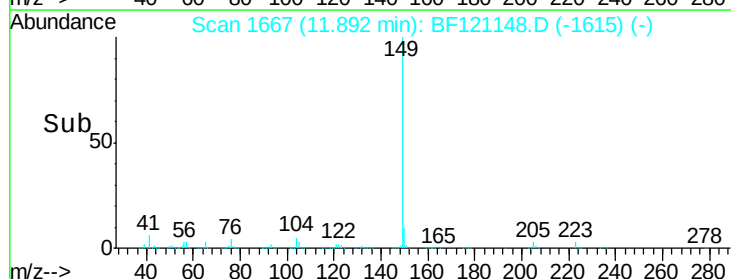
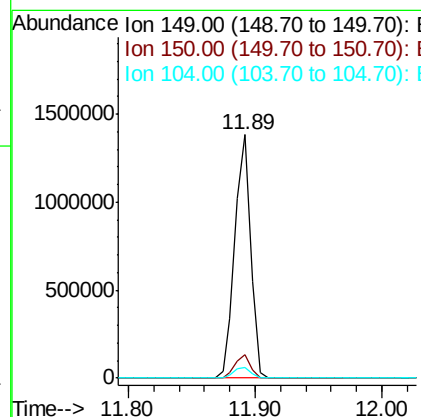
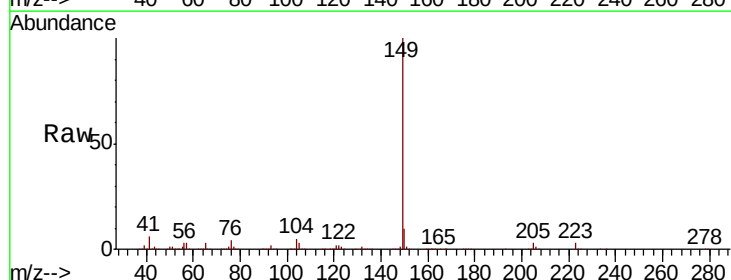
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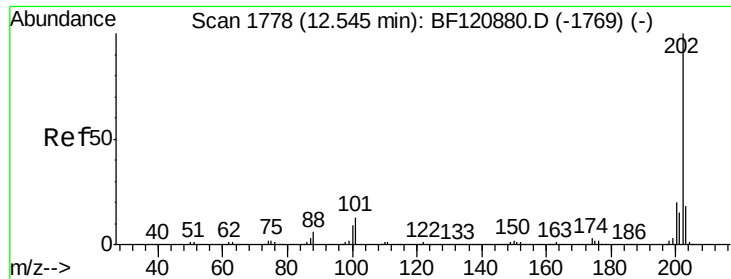
mohammad
 8/3/2020 12:22:48 PM



#74
 Di-n-butylphthalate
 Concen: 40.425 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.8
104	4.6	3.9	5.9





#75

Fluoranthene

Concen: 40.277 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

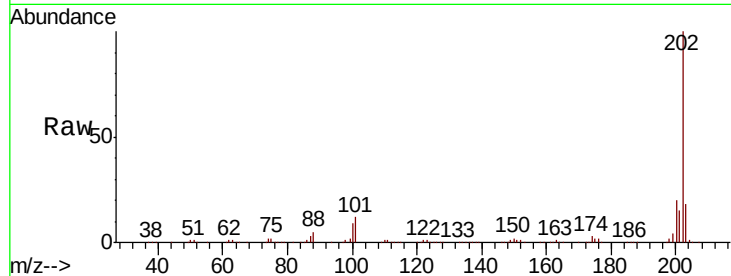
ClientSampleId :

SSTDCCC040

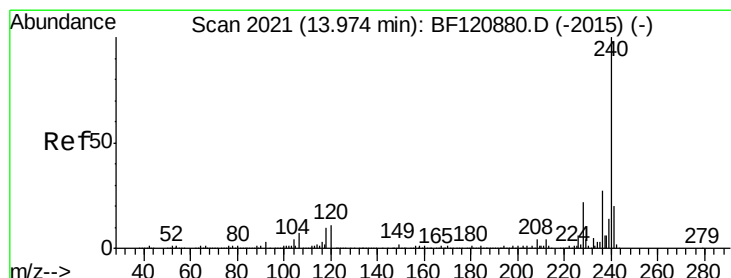
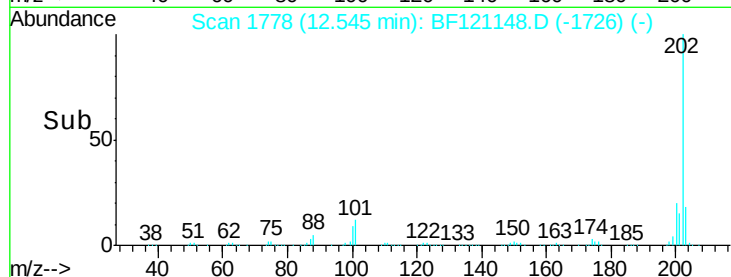
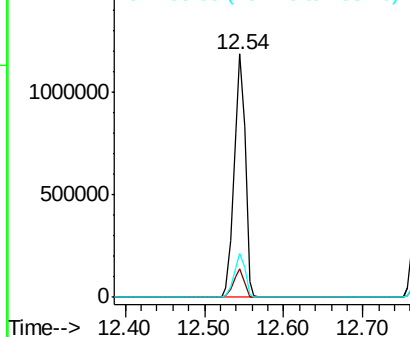
Tot Ion:	202	Resp:	1146541
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.5
203	18.1	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

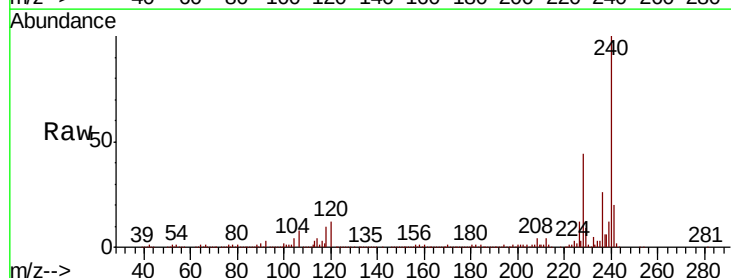
RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

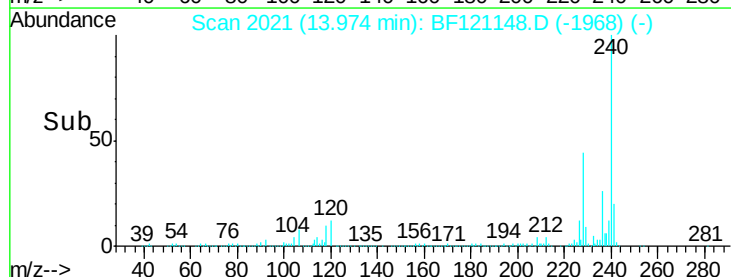
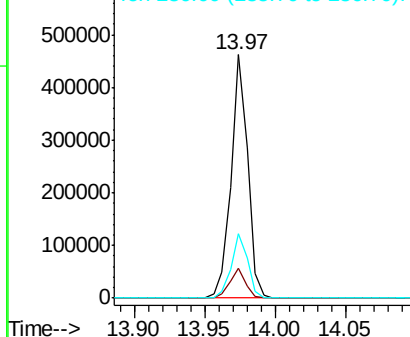
Lab File: BF121148.D

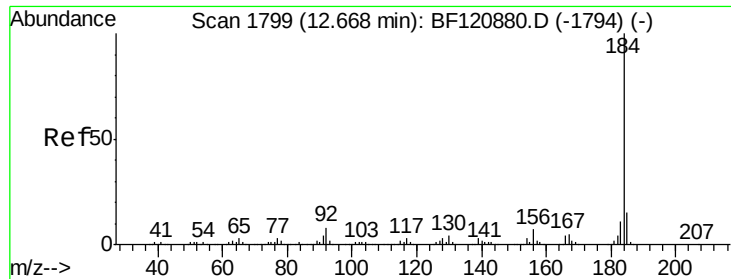
Acq: 31 Jul 2020 9:59

Tgt Ion:	240	Resp:	377754
Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.4	21.1	31.7



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





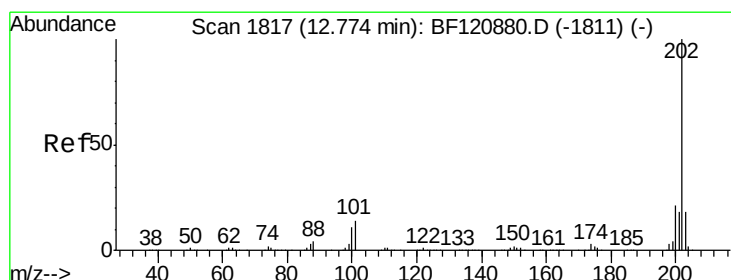
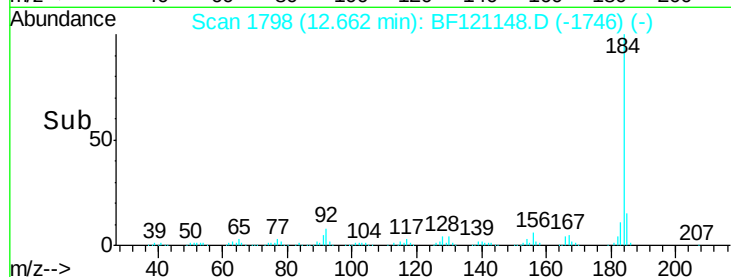
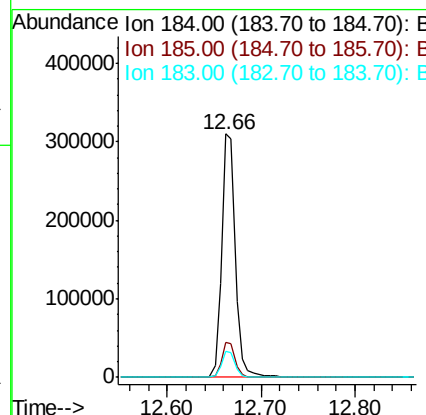
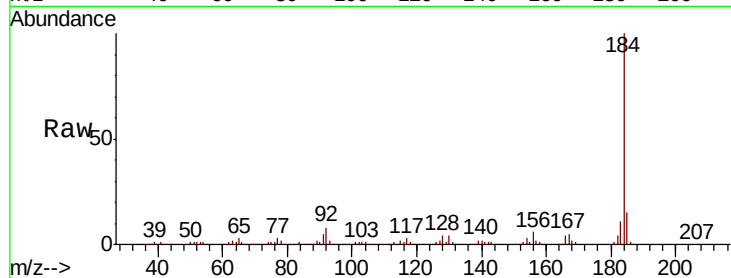
#77
Benzidine
Concen: 32.108 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.1	18.1
183	10.8	9.0	13.4

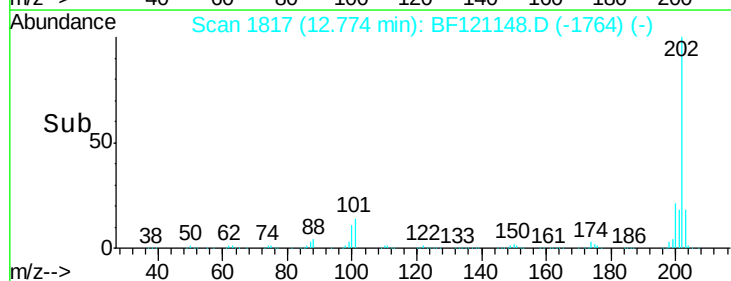
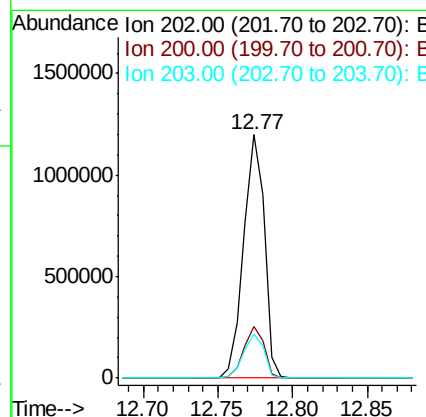
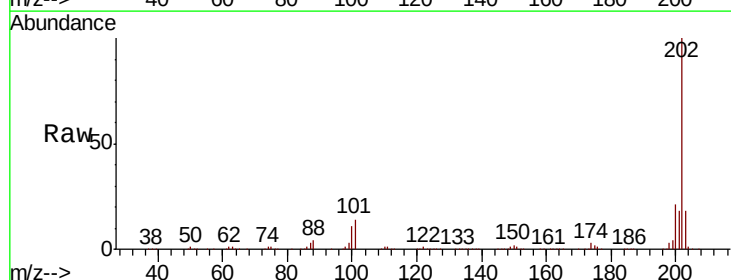
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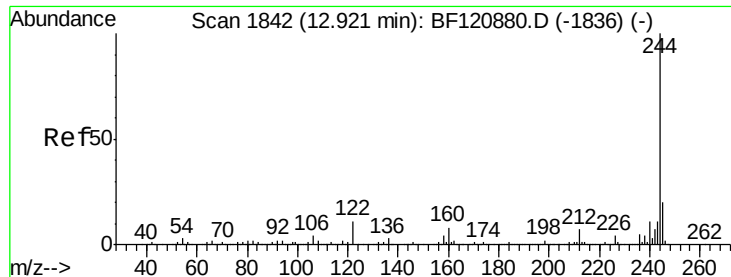
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#78
Pyrene
Concen: 43.708 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	18.2	14.6	21.8





#79

Terphenyl-d14

Concen: 79.581 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1382931

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

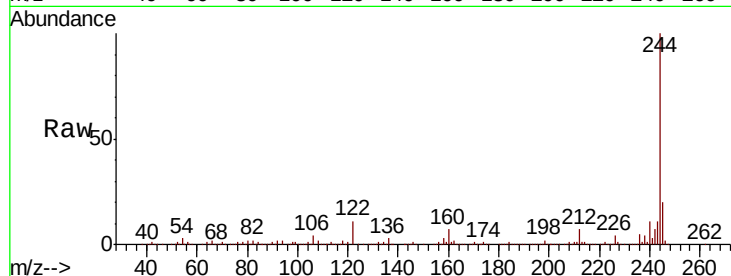
122 11.0 8.3 12.5

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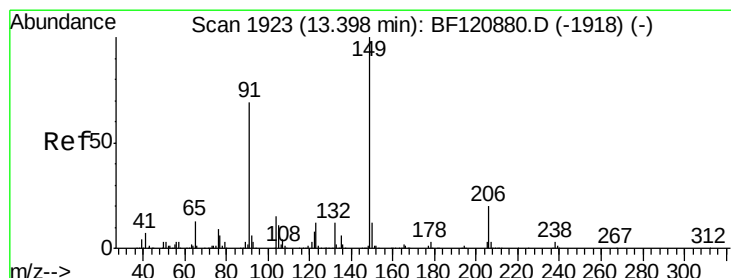
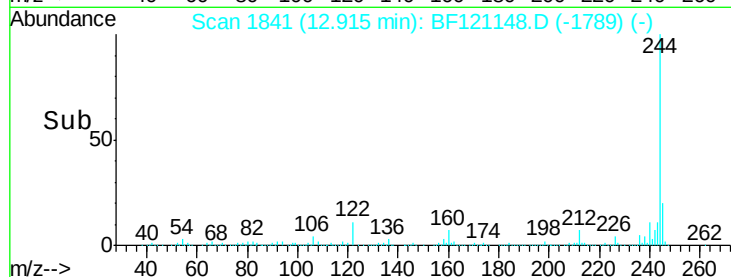
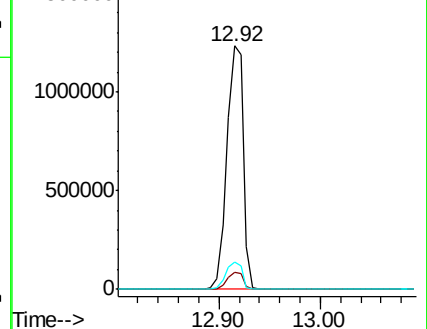
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.495 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF121148.D

Acq: 31 Jul 2020 9:59

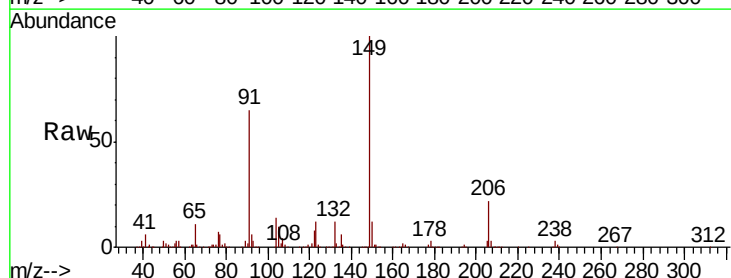
Tgt Ion:149 Resp: 517843

Ion Ratio Lower Upper

149 100

91 65.1 51.4 77.0

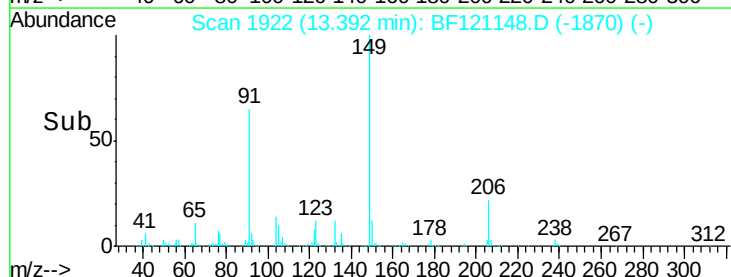
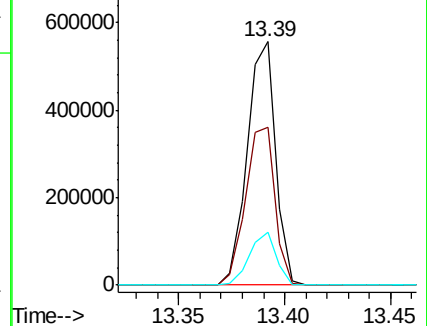
206 22.0 17.9 26.9

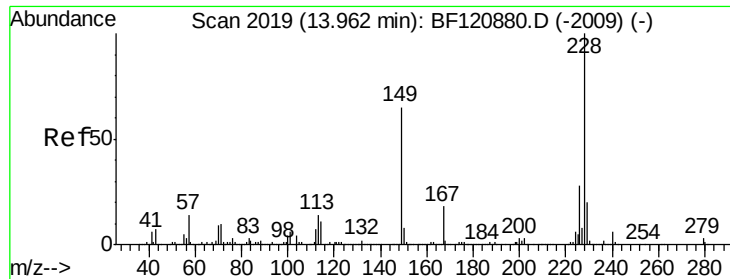


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





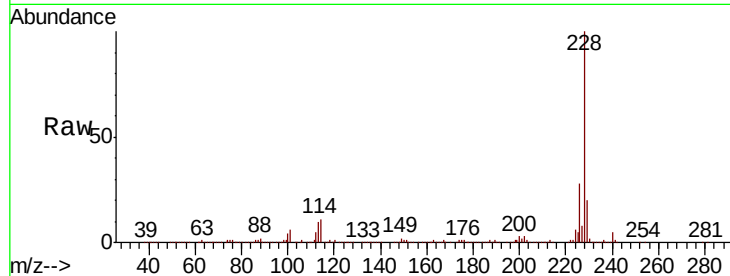
#81
Benzo(a)anthracene
Concen: 43.232 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

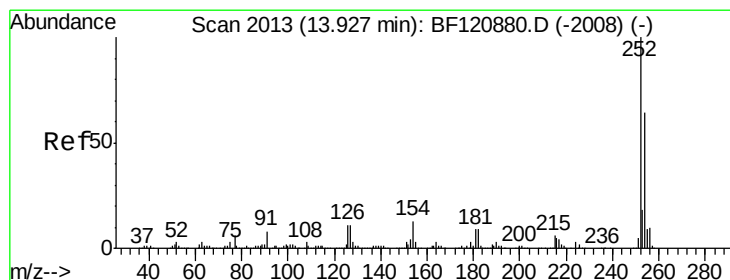
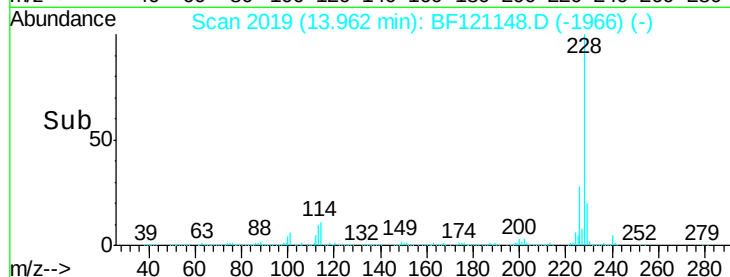
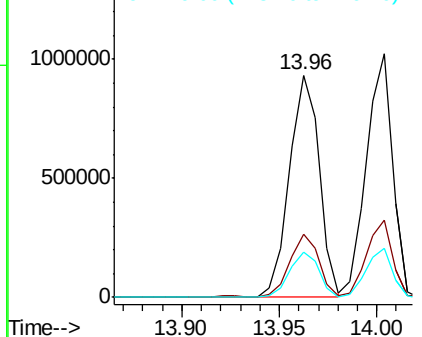
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	20.3	16.1	24.1

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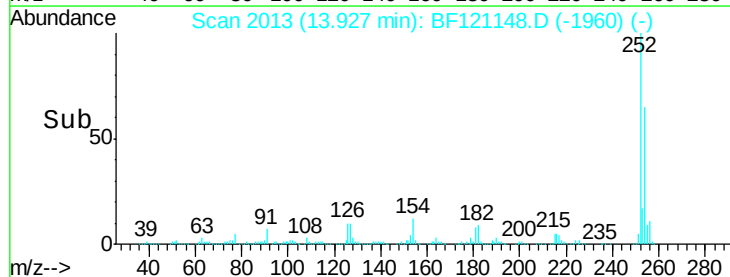
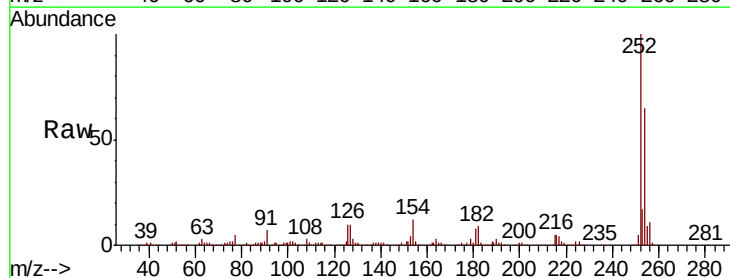
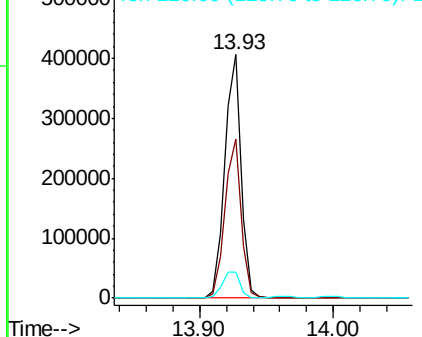
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

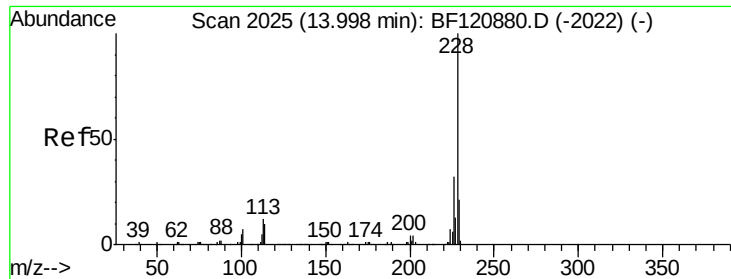


#82
3,3'-Dichlorobenzidine
Concen: 40.989 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	10.5	9.2	13.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





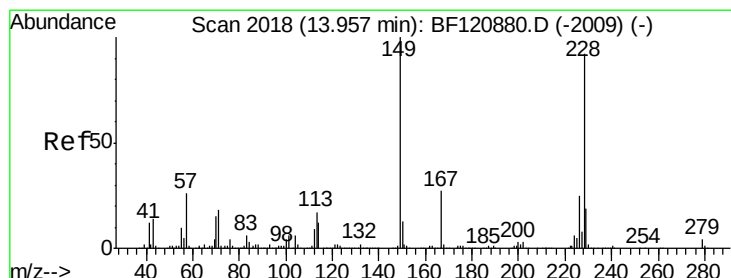
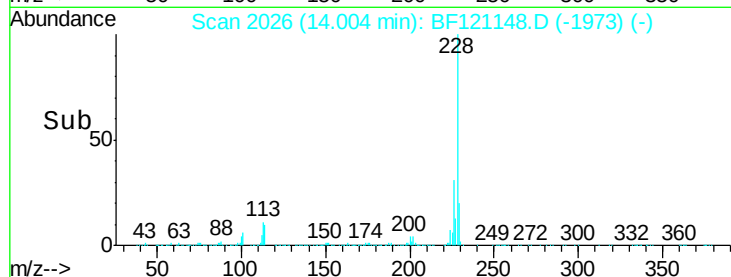
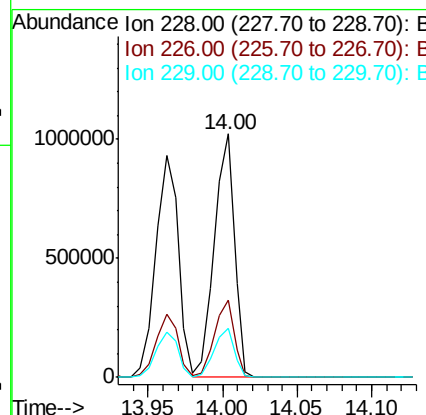
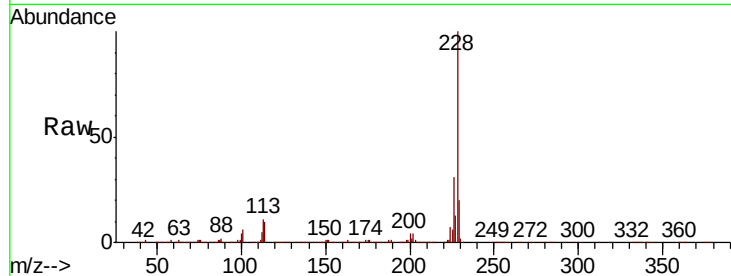
#83
Chrysene
Concen: 39.917 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.4	16.2	24.4

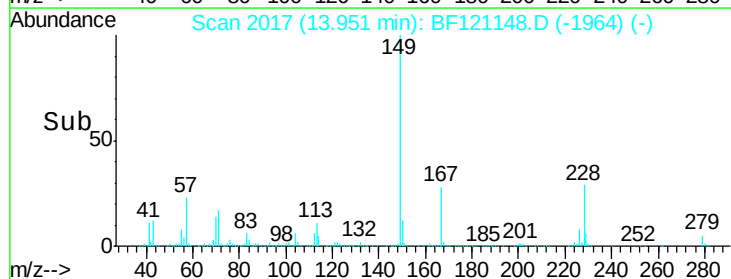
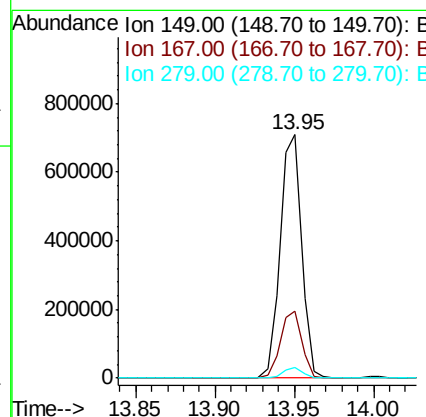
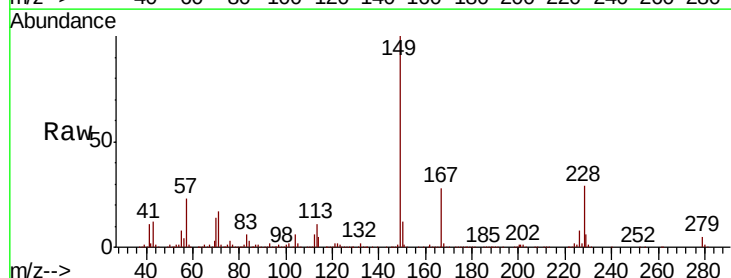
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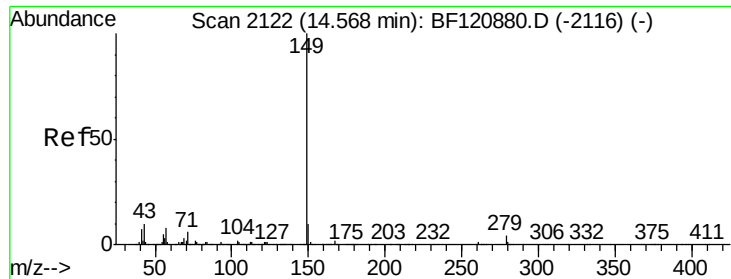
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.614 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	4.6	2.9	4.3#





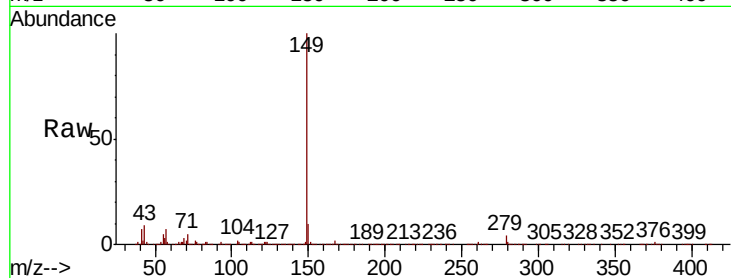
#85
Di-n-octyl phthalate
Concen: 38.088 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

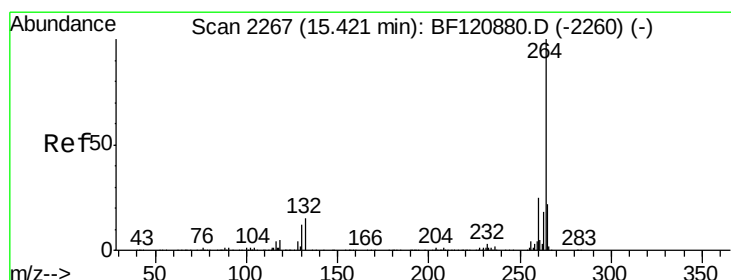
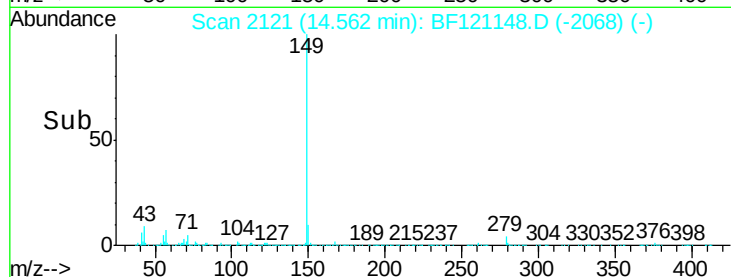
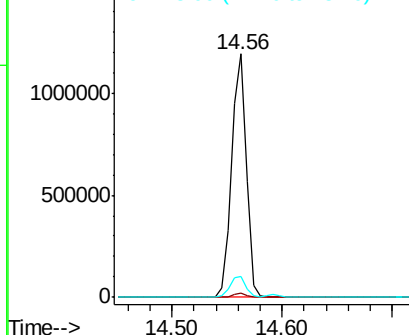
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.3	7.5	11.3

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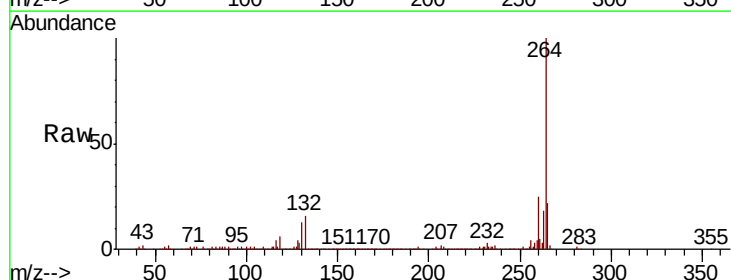


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

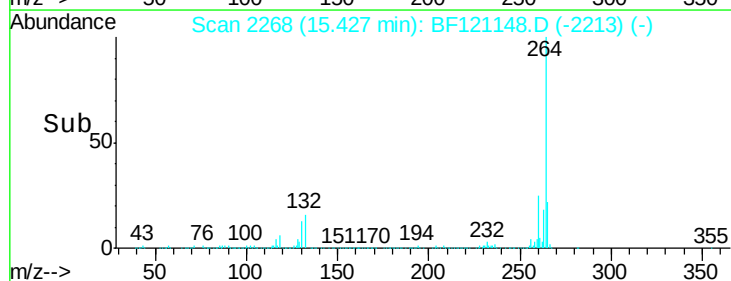
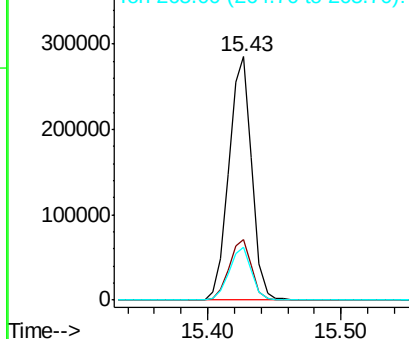


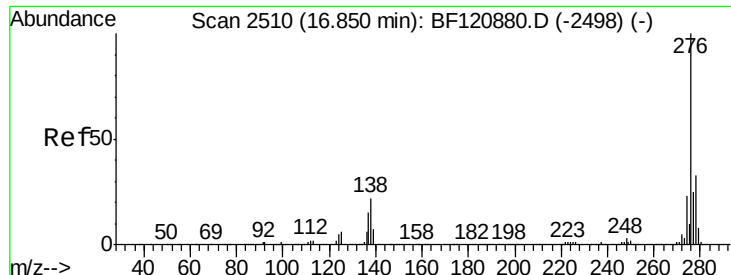
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.9	17.8	26.8



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





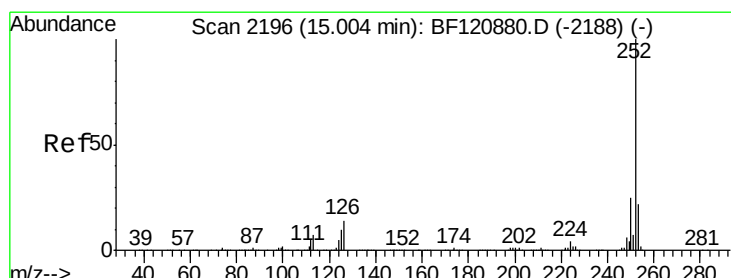
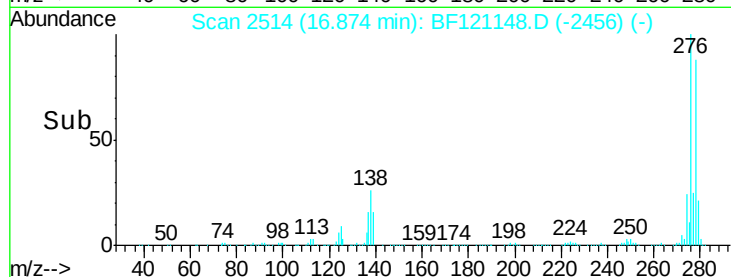
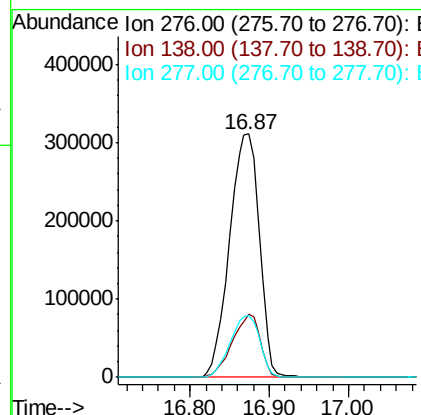
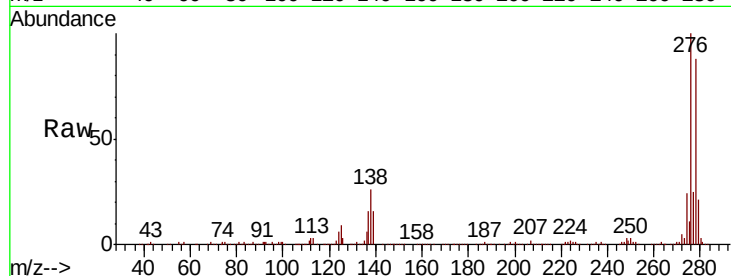
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.920 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. 0.04 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.3	28.9
277	25.4	20.1	30.1

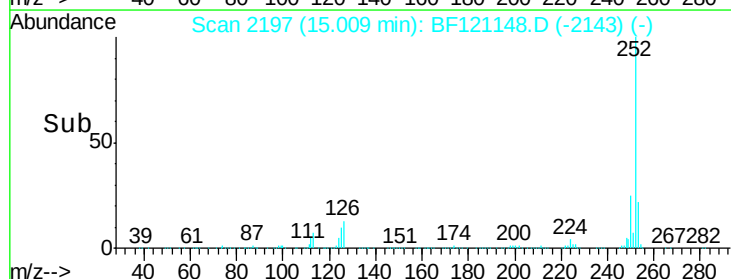
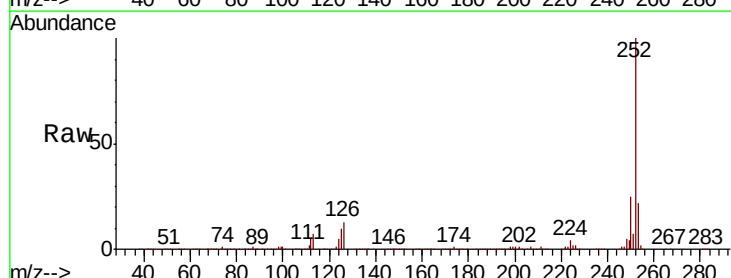
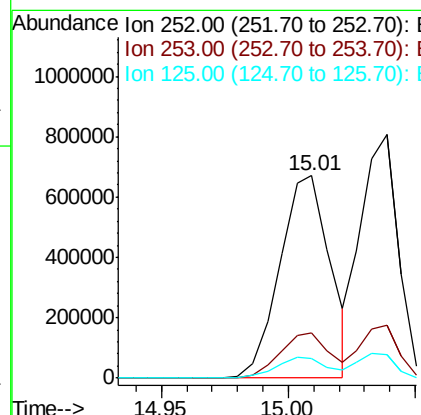
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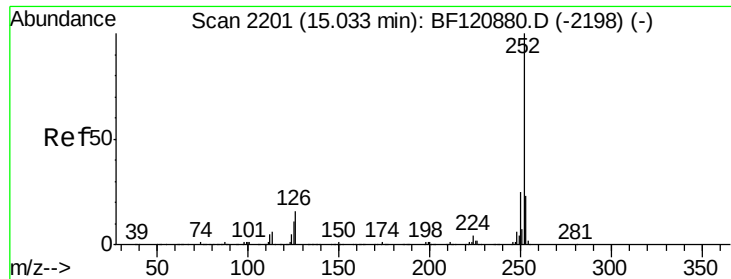
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#88
 Benzo(b)fluoranthene
 Concen: 44.787 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.02 min
 Lab File: BF121148.D
 Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.0	8.1	12.1





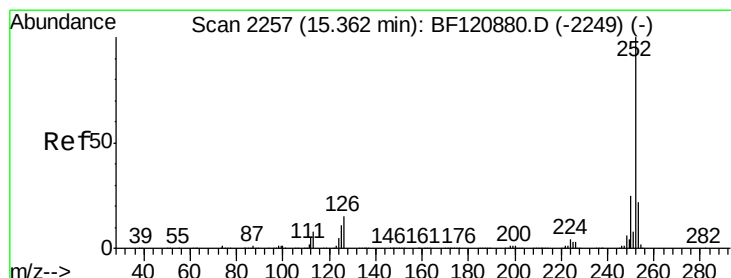
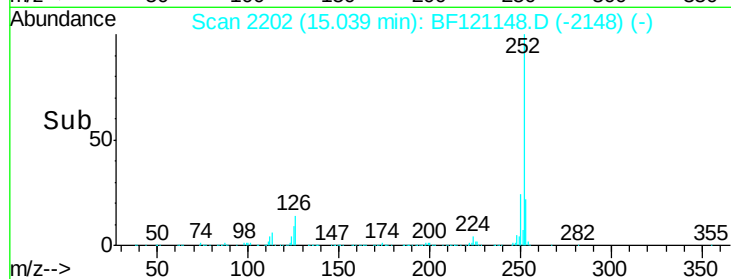
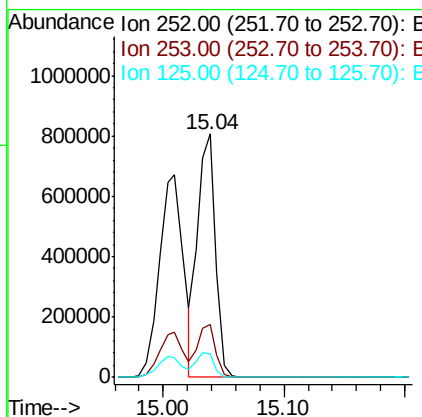
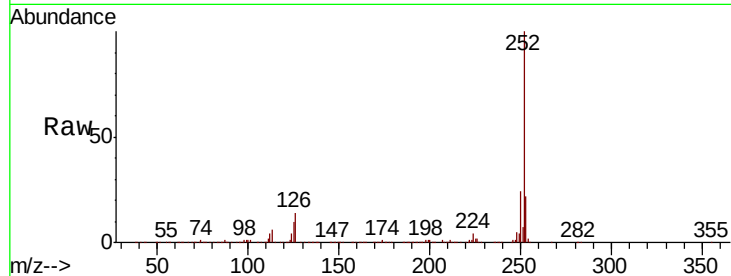
#89
Benzo(k)fluoranthene
Concen: 43.975 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.6	8.0	12.0

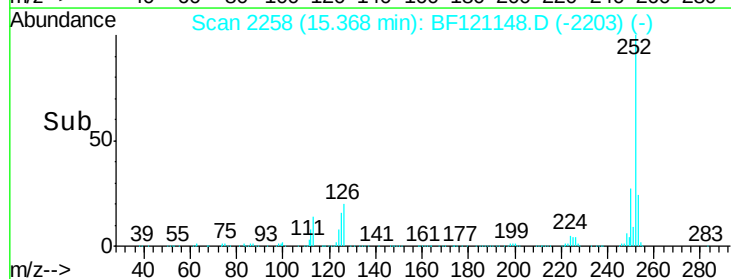
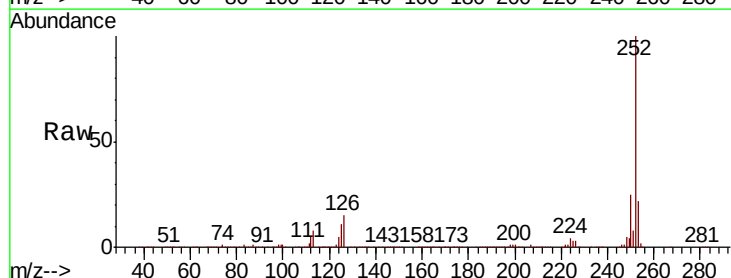
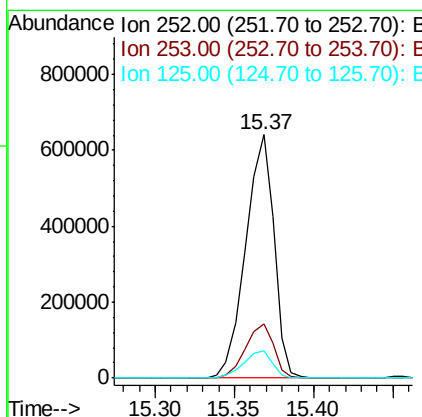
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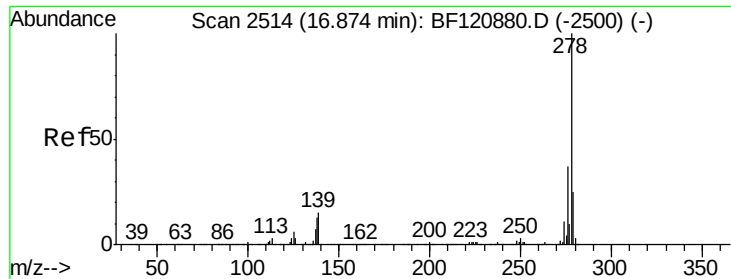
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#90
Benzo(a)pyrene
Concen: 42.130 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.4	9.5	14.3





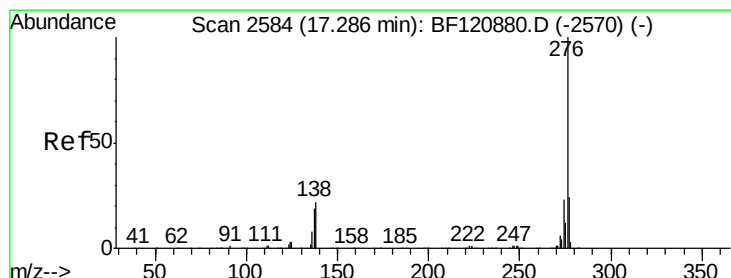
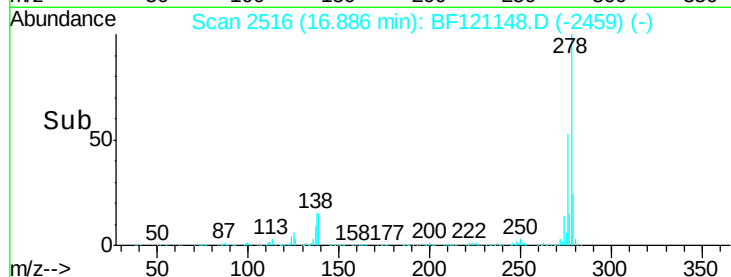
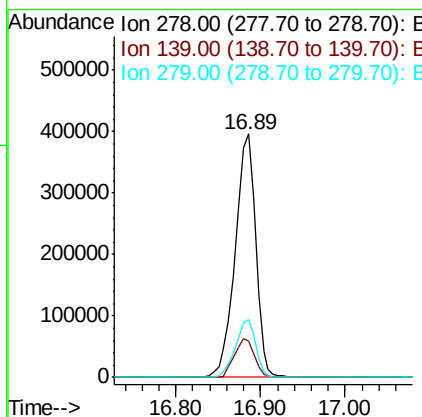
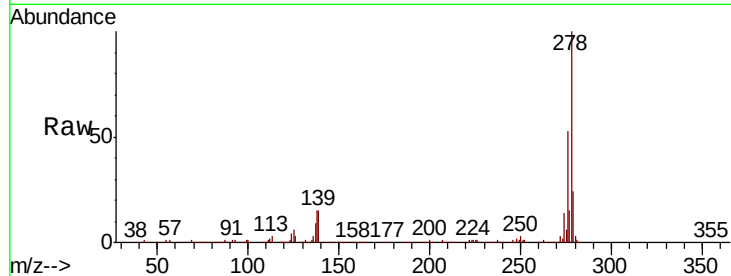
#91
Dibenzo(a,h)anthracene
Concen: 33.979 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.04 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	18.8
279	23.8	19.5	29.3

Manual Integrations
APPROVED

mohammad
8/3/2020 12:22:48 PM



#92
Benzo(g,h,i)perylene
Concen: 33.458 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.04 min
Lab File: BF121148.D
Acq: 31 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	21.4	17.2	25.8

