

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
 Data File : BF120147.D
 Acq On : 23 Apr 2020 2:29
 Operator : MA/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 4/24/2020 4:18:06 AM

Quant Time: Apr 23 04:09:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	143741	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	528188	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	268253	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	506699	20.00	ng	0.00
76) Chrysene-d12	13.84	240	368448	20.00	ng	0.00
87) Perylene-d12	15.24	264	318499	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	766724	92.18	ng	0.00
7) Phenol-d6	6.32	99	978080	91.26	ng	0.00
23) Nitrobenzene-d5	7.25	82	883960	86.58	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	247874	75.47	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1660590	87.89	ng	0.00
79) Terphenyl-d14	12.79	244	1708004	78.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	157923	42.63	ng	99
3) Pyridine	2.96	79	445839	43.86	ng	93
4) n-Nitrosodimethylamine	2.93	42	221697	42.69	ng	98
6) Aniline	6.34	93	624384	44.39	ng	# 63
8) 2-Chlorophenol	6.46	128	417457	44.92	ng	98
9) Benzaldehyde	6.22	77	257743	49.76	ng	97
10) Phenol	6.33	94	545734	44.88	ng	76
11) bis(2-Chloroethyl)ether	6.42	93	412867	43.98	ng	96
12) 1,3-Dichlorobenzene	6.62	146	450702	44.30	ng	96
13) 1,4-Dichlorobenzene	6.69	146	449991	43.42	ng	97
14) 1,2-Dichlorobenzene	6.85	146	426159	44.62	ng	97
15) Benzyl Alcohol	6.83	79	355183	42.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	733056	40.13	ng	97
17) 2-Methylphenol	6.95	107	358634	43.24	ng	98
18) Hexachloroethane	7.19	117	169085	43.65	ng	93
19) n-Nitroso-di-n-propylamine	7.10	70	288048	41.80	ng	98
20) 3+4-Methylphenols	7.10	107	460610	45.41	ng	# 82
22) Acetophenone	7.09	105	557086	45.04	ng	# 92
24) Nitrobenzene	7.27	77	452544	44.06	ng	98
25) Isophorone	7.51	82	822105	41.77	ng	100
26) 2-Nitrophenol	7.58	139	226174	44.08	ng	98
27) 2,4-Dimethylphenol	7.63	122	329964	42.64	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	494940	42.74	ng	99
29) 2,4-Dichlorophenol	7.83	162	342942	43.23	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	380933	42.38	ng	96
31) Naphthalene	7.99	128	1207856	43.46	ng	98
32) Benzoic acid	7.76	122	208072	30.61	ng	98
33) 4-Chloroaniline	8.04	127	520105	42.99	ng	99
34) Hexachlorobutadiene	8.10	225	224190	41.67	ng	98
35) Caprolactam	8.42	113	102490	42.24	ng	# 78
36) 4-Chloro-3-methylphenol	8.53	107	367880	42.84	ng	96
37) 2-Methylnaphthalene	8.68	142	805512	42.75	ng	97
38) 1-Methylnaphthalene	8.77	142	750863	42.28	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	369590	43.62	ng	99

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 SSTDC040

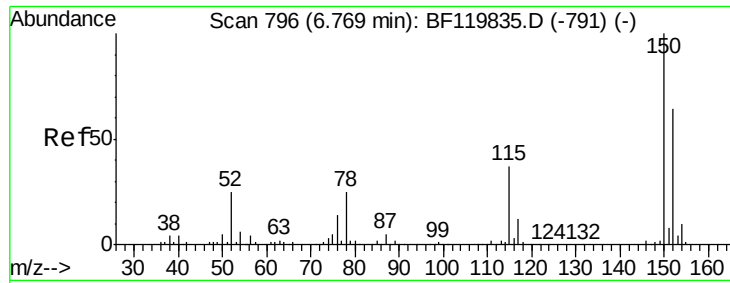
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	187099	38.83	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	242594	41.46	ng	98
44) 2,4,5-Trichlorophenol	9.00	196	267666	40.62	ng	94
46) 1,1'-Biphenyl	9.15	154	992490	43.83	ng	98
47) 2-Chloronaphthalene	9.17	162	759090	43.52	ng	98
48) 2-Nitroaniline	9.27	65	275607	43.60	ng	93
49) Acenaphthylene	9.58	152	1185666	44.70	ng	98
50) Dimethylphthalate	9.45	163	874985	42.17	ng	100
51) 2,6-Dinitrotoluene	9.51	165	196503	43.25	ng	92
52) Acenaphthene	9.76	154	709204	40.08	ng	98
53) 3-Nitroaniline	9.68	138	227424	43.83	ng	99
54) 2,4-Dinitrophenol	9.79	184	60185	22.12	ng	96
55) Dibenzofuran	9.93	168	1055622	43.47	ng	99
56) 4-Nitrophenol	9.85	139	146683	37.99	ng	98
57) 2,4-Dinitrotoluene	9.92	165	257850	43.07	ng	96
58) Fluorene	10.27	166	819430	42.20	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	204492	40.58	ng	99
60) Diethylphthalate	10.15	149	893894	41.57	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	409998	41.19	ng	99
62) 4-Nitroaniline	10.29	138	229799	46.47	ng	99
63) Azobenzene	10.42	77	838491	43.51	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	120002	35.95	ng	93
66) n-Nitrosodiphenylamine	10.39	169	748491	44.42	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	252048	40.00	ng	100
68) Hexachlorobenzene	10.82	284	263071	41.15	ng	98
69) Atrazine	10.91	200	188374	40.18	ng	98
70) Pentachlorophenol	11.01	266	119758m	32.51	ng	
71) Phenanthrene	11.23	178	1188221	44.06	ng	98
72) Anthracene	11.28	178	1209104	43.89	ng	98
73) Carbazole	11.44	167	1147629	44.05	ng	98
74) Di-n-butylphthalate	11.77	149	1402276	40.95	ng	99
75) Fluoranthene	12.42	202	1297330	44.59	ng	97
77) Benzidine	12.54	184	403570	32.40	ng	98
78) Pyrene	12.65	202	1319920	42.49	ng	98
80) Butylbenzylphthalate	13.27	149	589878	39.14	ng	98
81) Benzo(a)anthracene	13.83	228	1063818	43.89	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	368476	40.74	ng	99
83) Chrysene	13.87	228	1079939	43.85	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	758000	37.14	ng	99
85) Di-n-octyl phthalate	14.44	149	1290673	37.14	ng	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	889258	40.96	ng	100
88) Benzo(b)fluoranthene	14.85	252	934238	40.77	ng	98
89) Benzo(k)fluoranthene	14.88	252	919204	46.50	ng	99
90) Benzo(a)pyrene	15.19	252	845980	43.91	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	723469	42.40	ng	98
92) Benzo(g,h,i)perylene	17.02	276	712075	42.27	ng	97

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



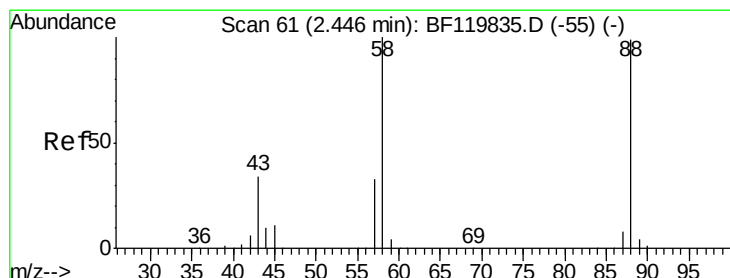
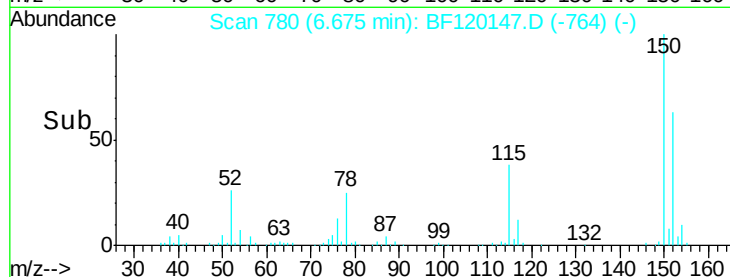
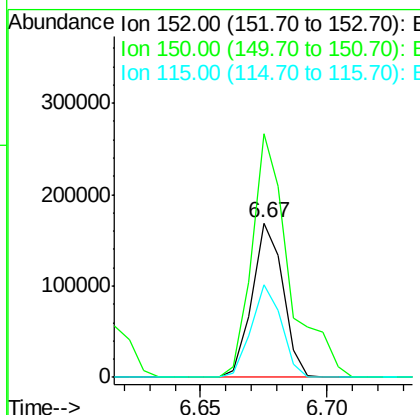
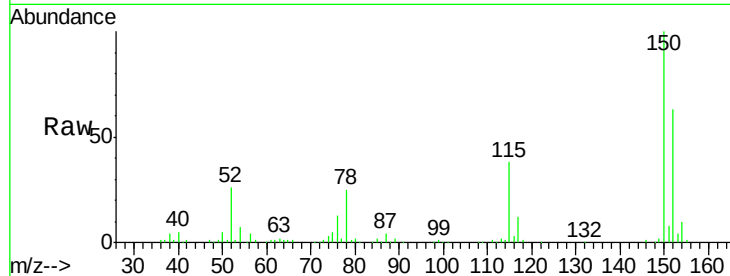
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.5	186.7
115	60.1	49.6	74.4

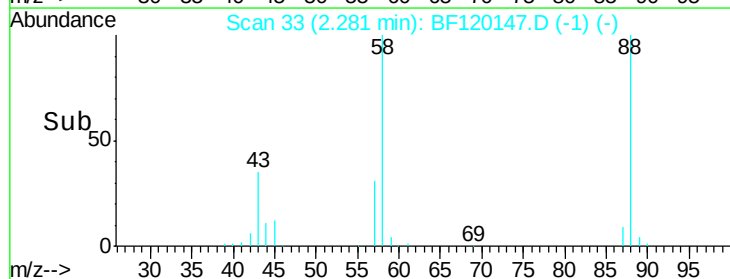
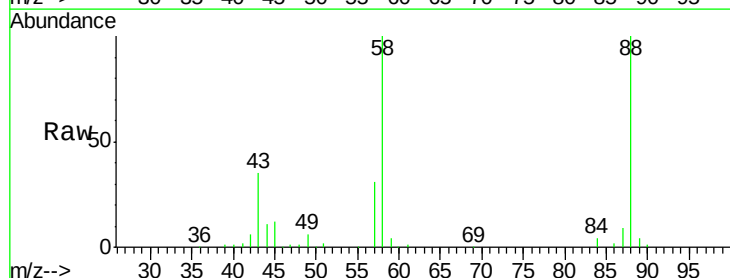
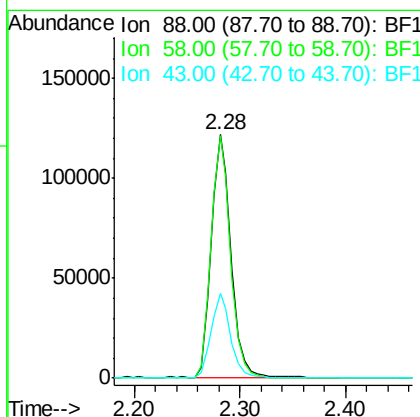
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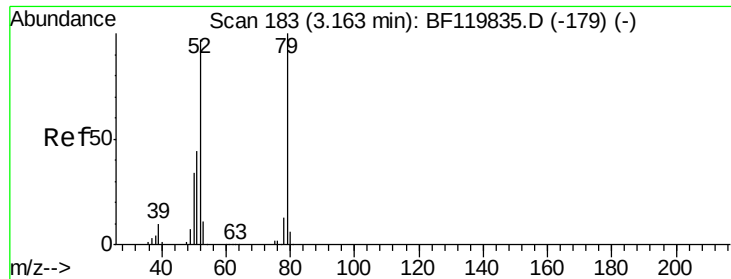
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#2
 1,4-Dioxane
 Concen: 42.63 ng
 RT: 2.28 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	80.6	121.0
43	34.8	27.5	41.3





#3

Pyridine

Concen: 43.86 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.00 min

Lab File: BF120147.D

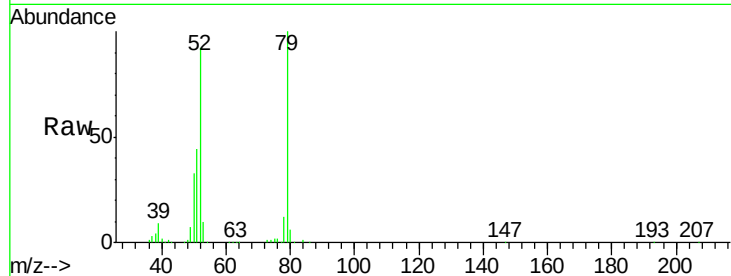
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Instrument :

BNA_F

ClientSampleId :

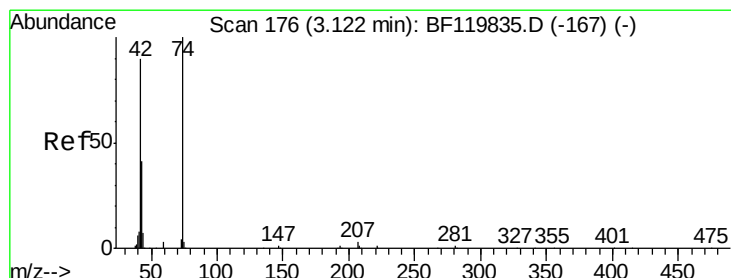
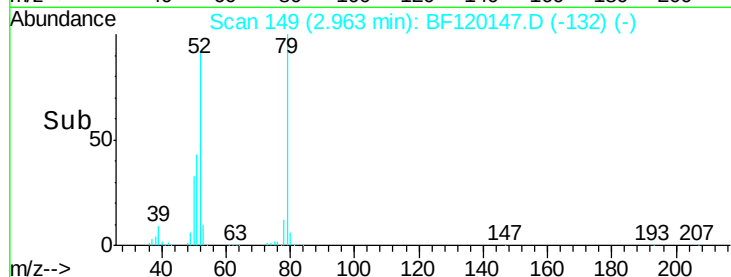
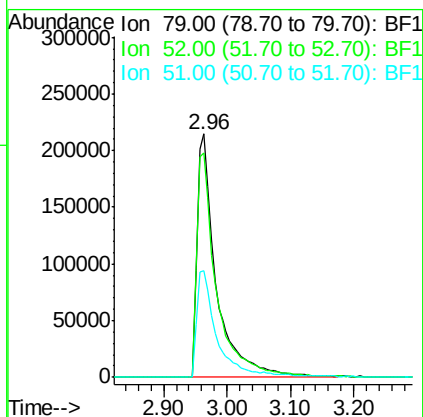
SSTDCCC040



Tgt Ion:	79	Resp:	445839
Ion	Ratio	Lower	Upper
79	100		
52	92.0	80.2	120.2
51	43.7	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 42.69 ng

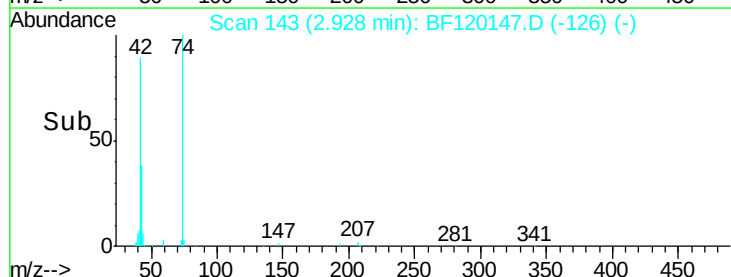
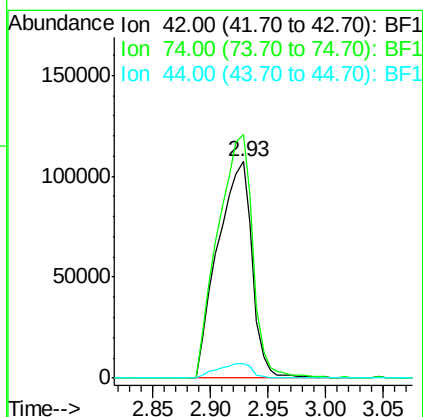
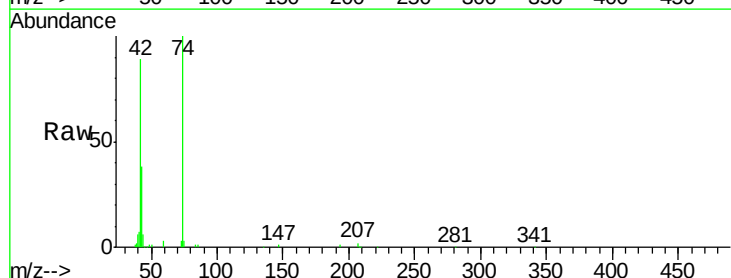
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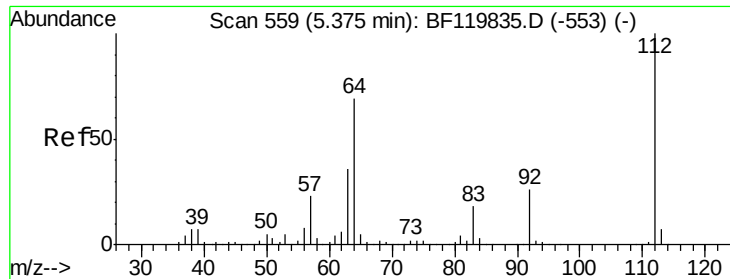
Delta R.T. 0.00 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion:	42	Resp:	221697
Ion	Ratio	Lower	Upper
42	100		
74	112.4	91.5	137.3
44	6.4	6.2	9.4





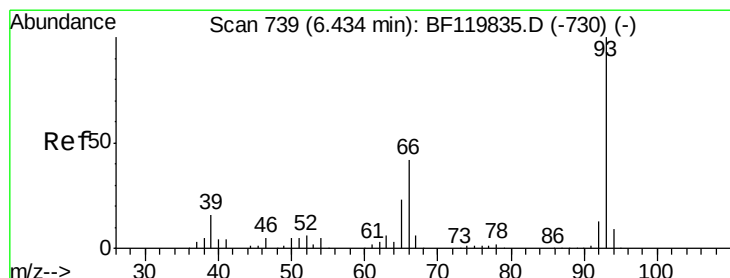
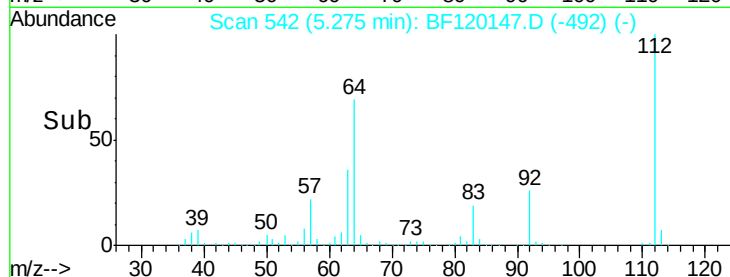
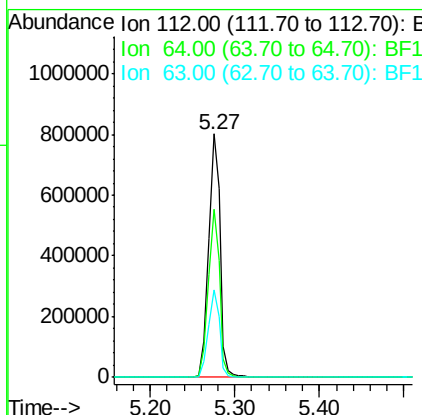
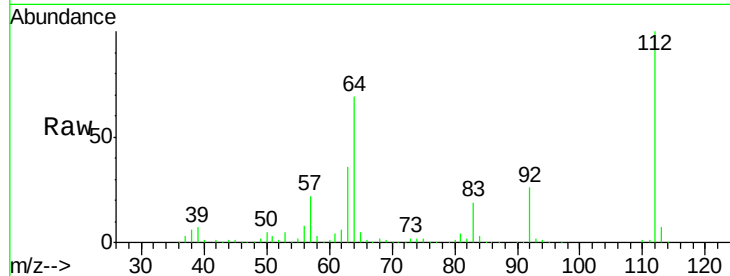
#5
2-Fluorophenol
Concen: 92.18 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	69.2	56.7	85.1
63	35.7	29.5	44.3

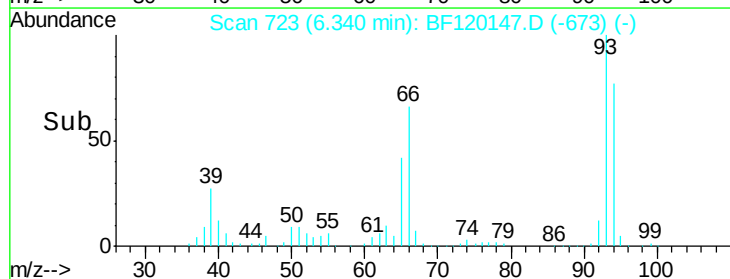
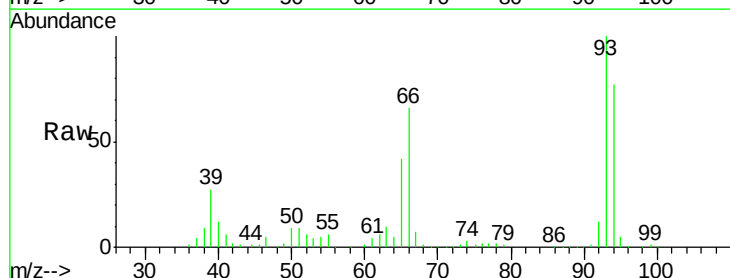
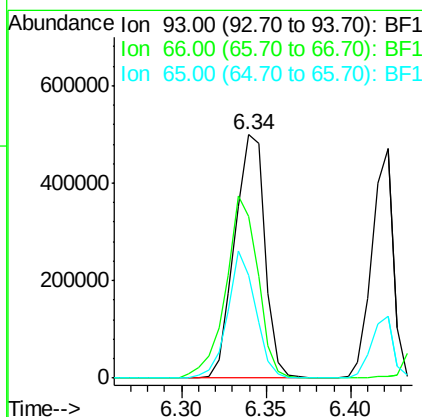
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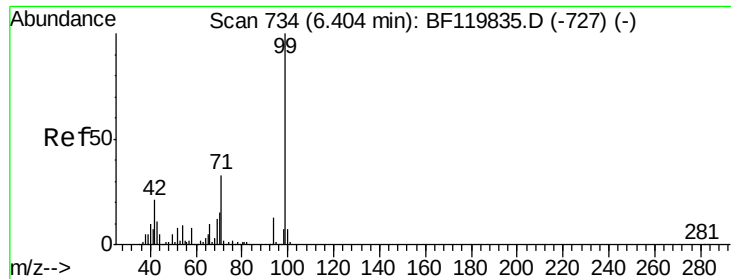
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#6
Aniline
Concen: 44.39 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	66.2	34.9	52.3#
65	42.3	18.6	27.8#





#7

Phenol-d6

Concen: 91.26 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

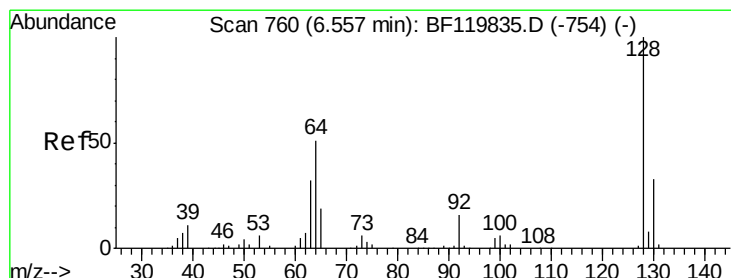
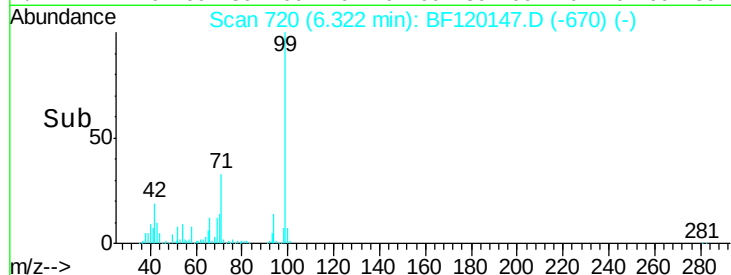
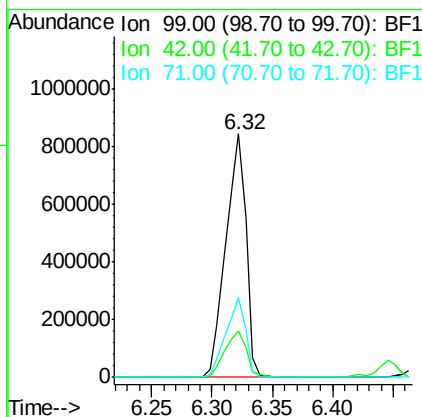
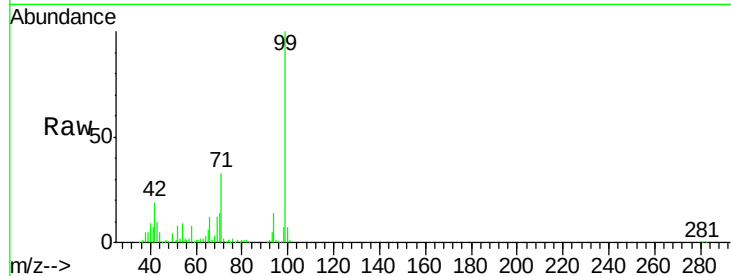
ClientSampleId :

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Tgt Ion:	99	Resp:	978080
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.6	24.8
71	32.9	26.4	39.6

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#8

2-Chlorophenol

Concen: 44.92 ng

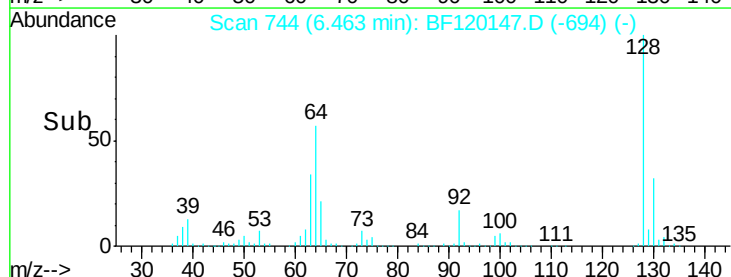
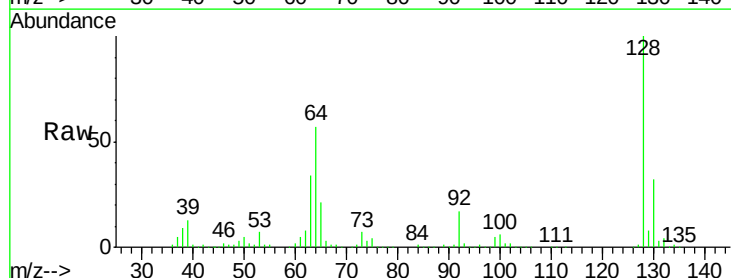
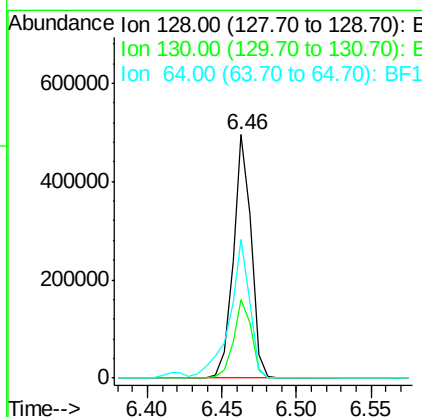
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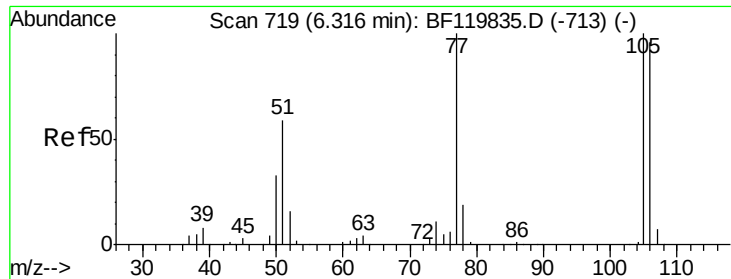
Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion:	128	Resp:	417457
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.6	52.6
64	57.1	35.3	75.3





#9

Benzaldehyde

Concen: 49.76 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

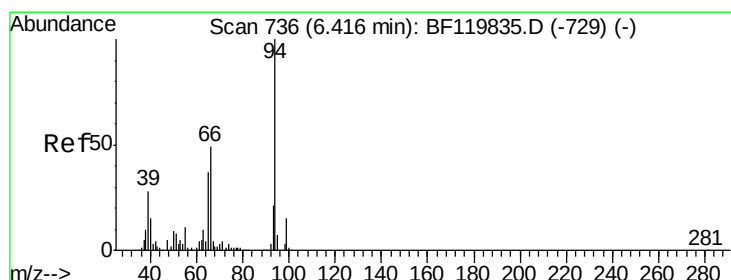
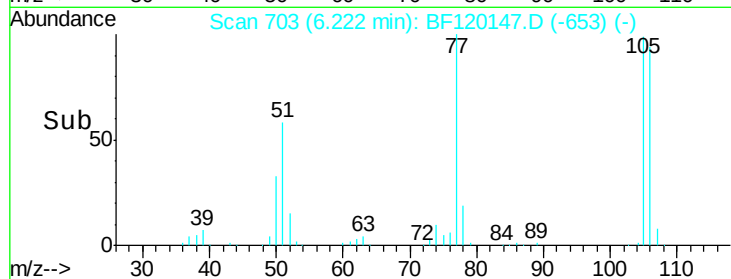
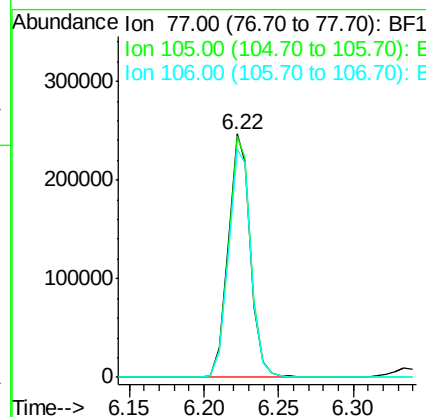
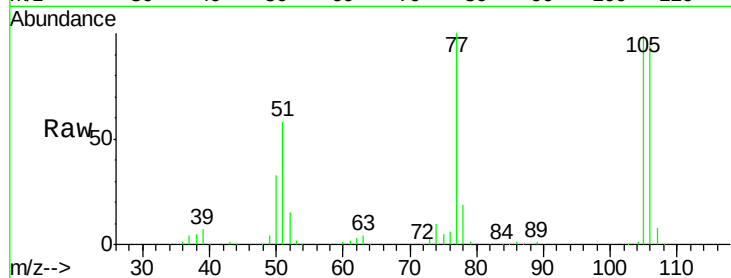
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	257743
Ion	Ratio	Lower	Upper
77	100		
105	98.9	80.9	120.9
106	94.0	77.9	117.9

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#10

Phenol

Concen: 44.88 ng

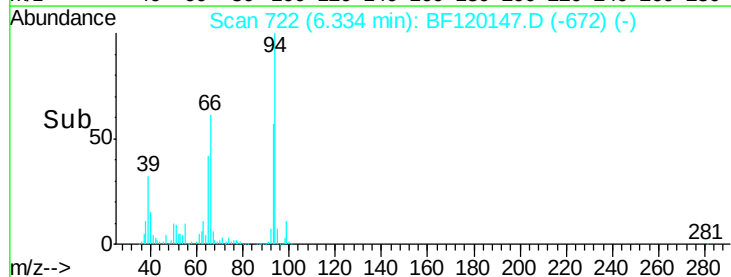
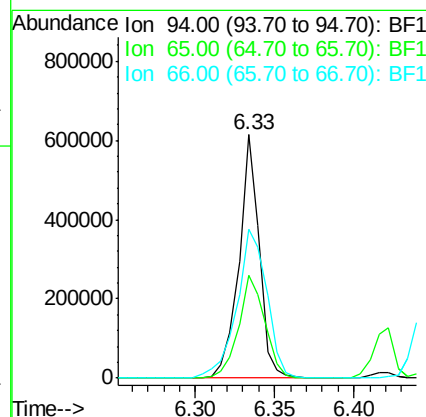
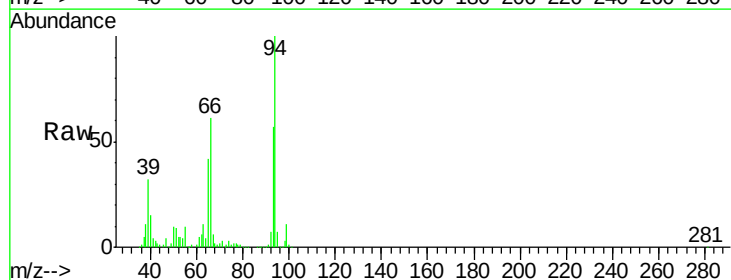
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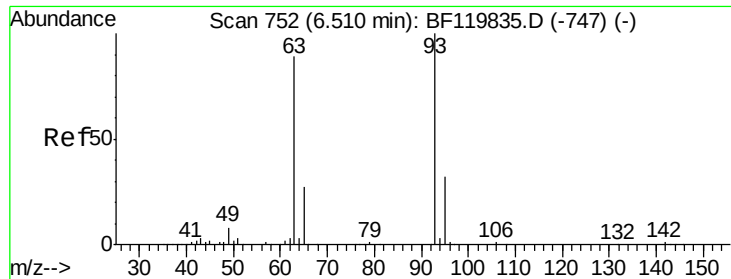
Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion:	94	Resp:	545734
Ion	Ratio	Lower	Upper
94	100		
65	42.2	13.2	53.2
66	61.0	22.3	62.3





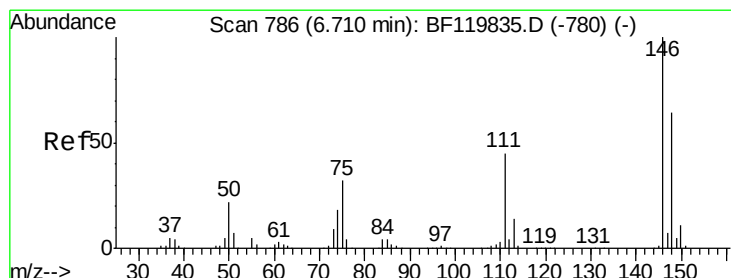
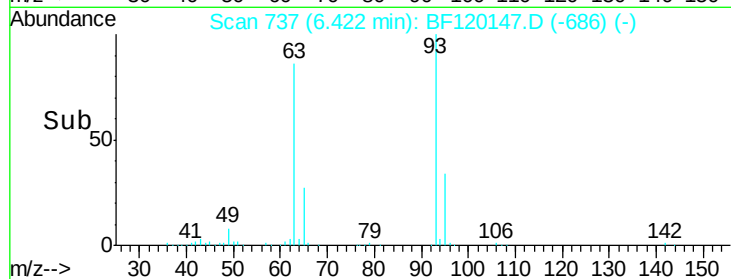
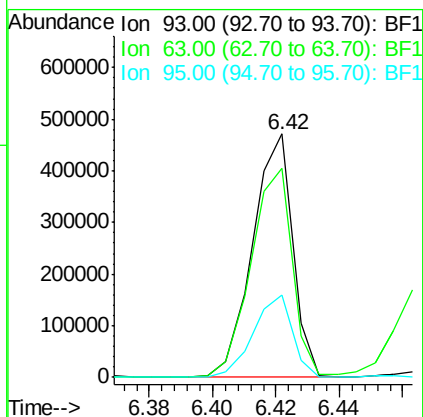
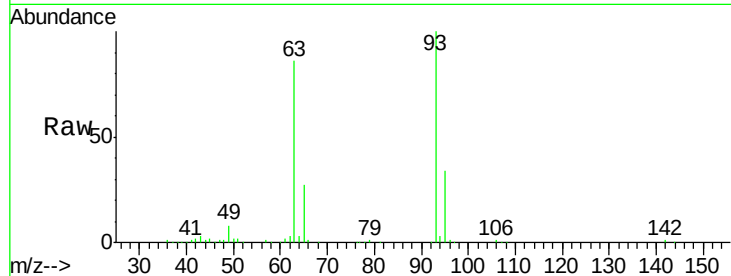
#11
bis(2-Chloroethyl)ether
Concen: 43.98 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.7	70.2	110.2
95	33.6	13.4	53.4

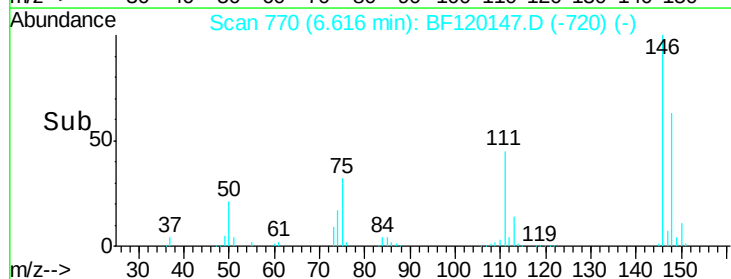
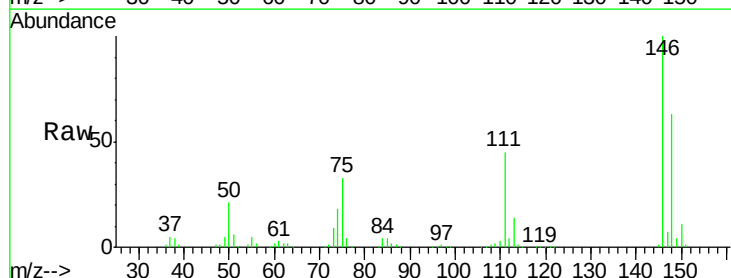
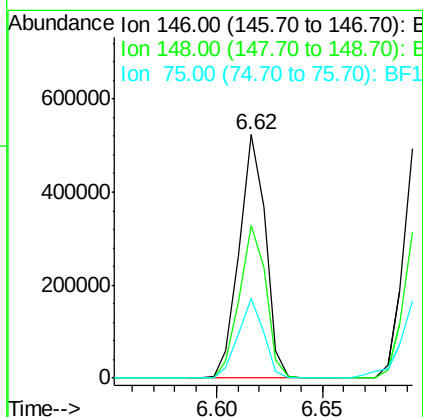
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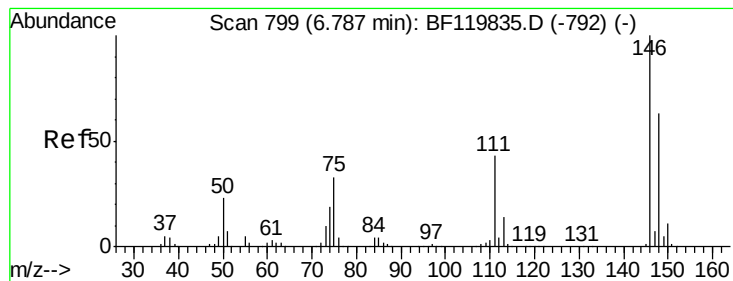
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#12
1,3-Dichlorobenzene
Concen: 44.30 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.4
75	32.5	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 43.42 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

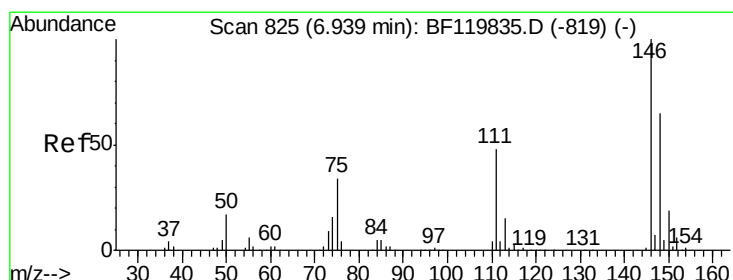
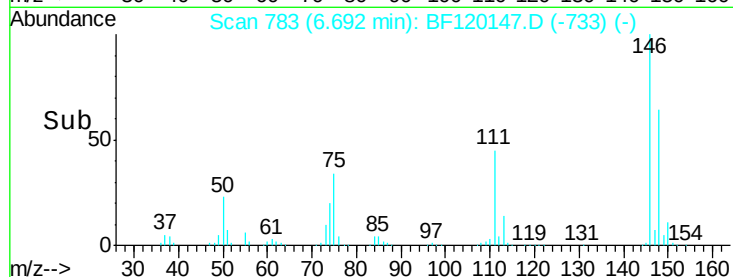
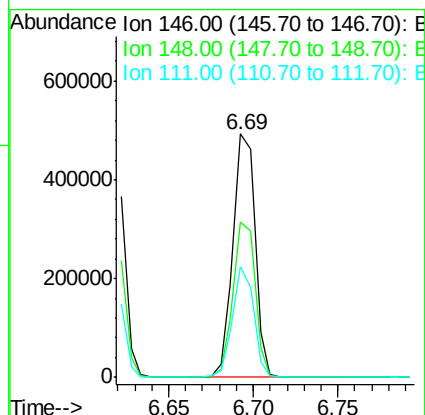
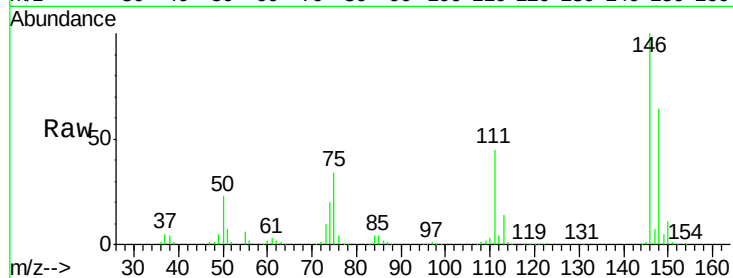
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	449991
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.5	77.3
111	45.3	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 44.62 ng

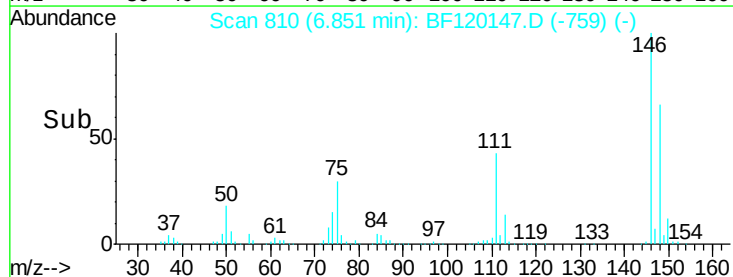
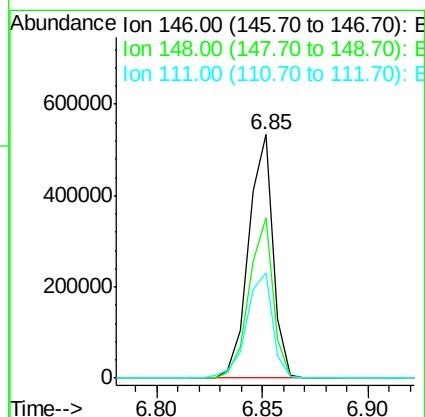
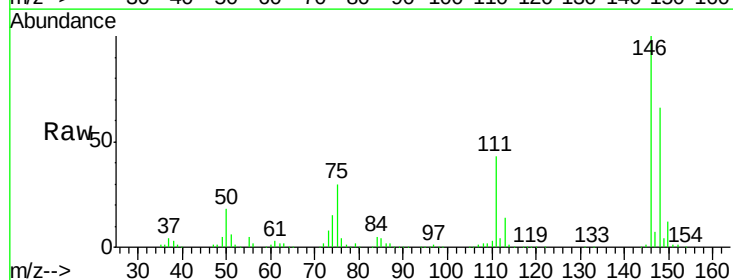
RT: 6.85 min Scan# 810

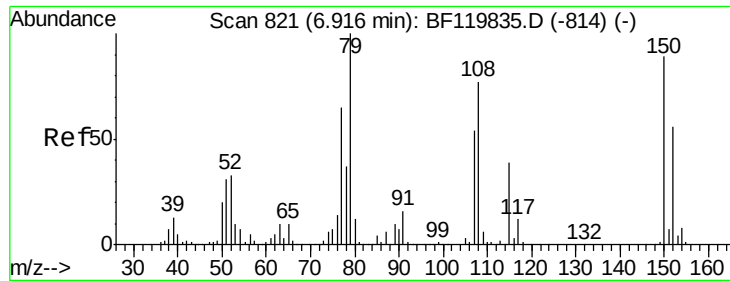
Delta R.T. 0.00 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion:	146	Resp:	426159
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.6	75.8
111	43.3	36.1	54.1





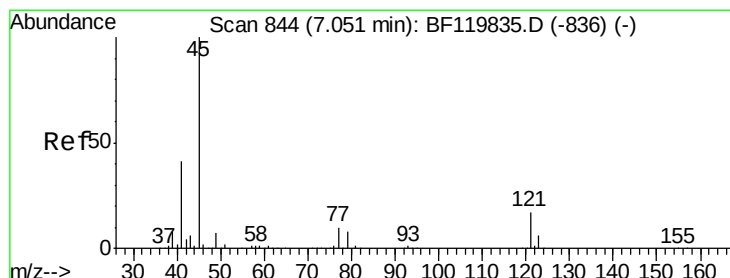
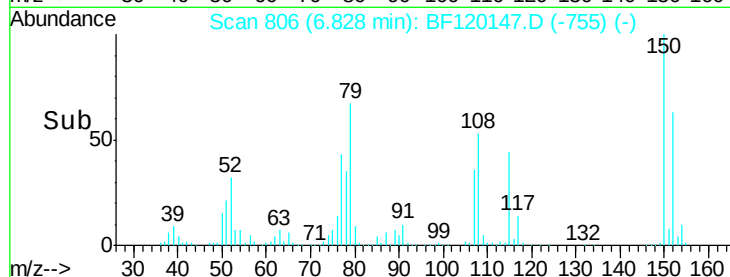
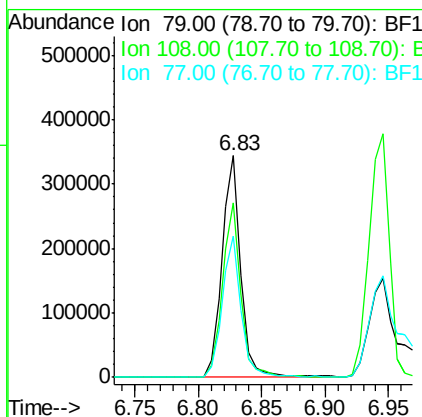
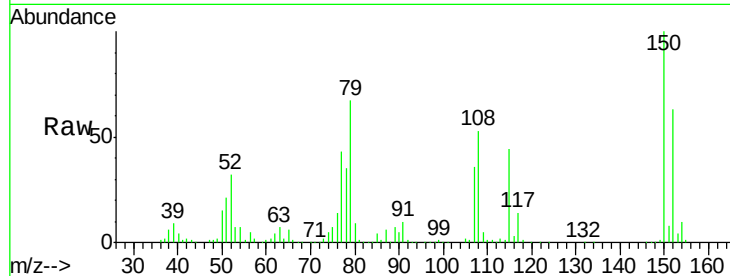
#15
Benzyl Alcohol
Concen: 42.67 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.9	60.6	90.8
77	63.7	50.2	75.2

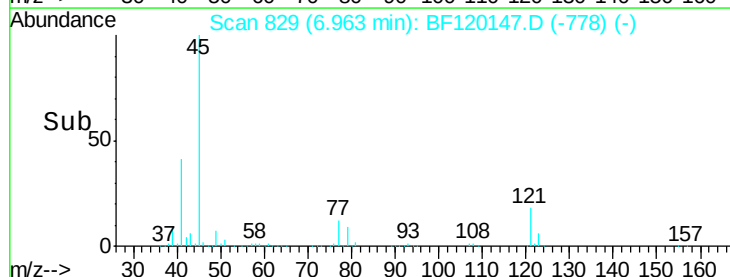
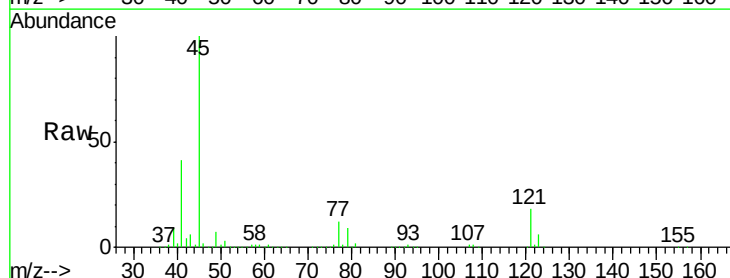
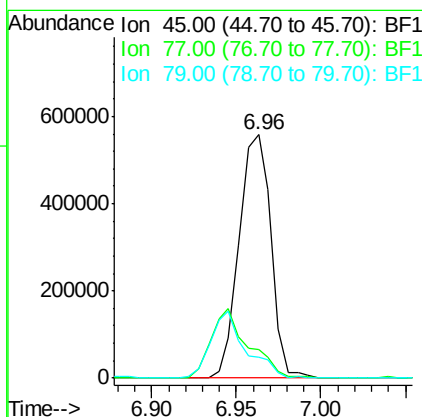
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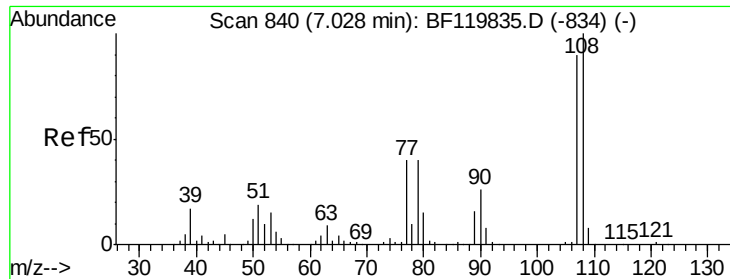
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.13 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.7
79	8.8	0.0	28.2





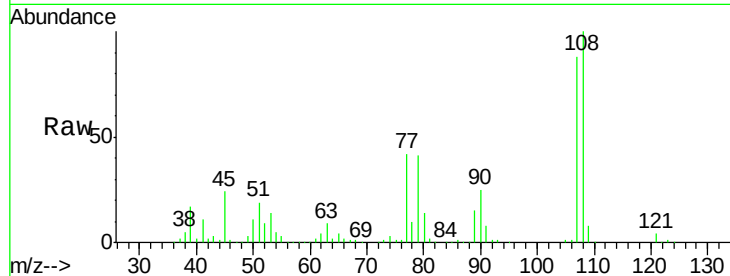
#17
2-Methylphenol
Concen: 43.24 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

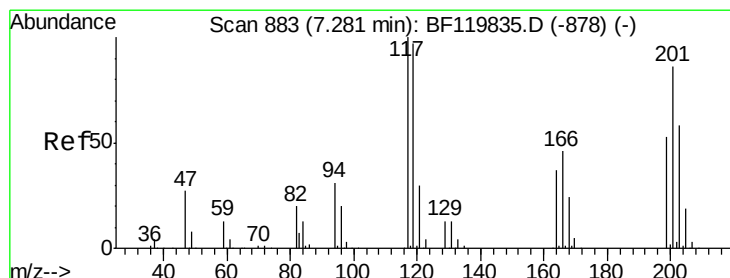
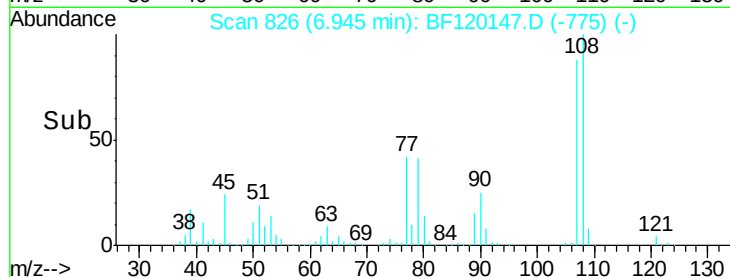
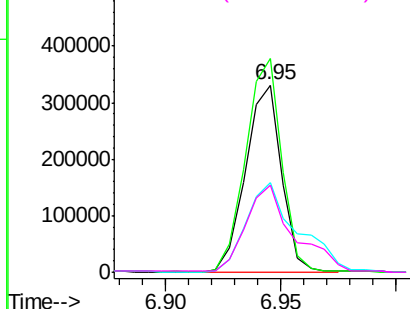
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	358634		
108	113.9	92.2	138.4	
77	47.7	36.6	54.8	
79	46.2	36.2	54.4	

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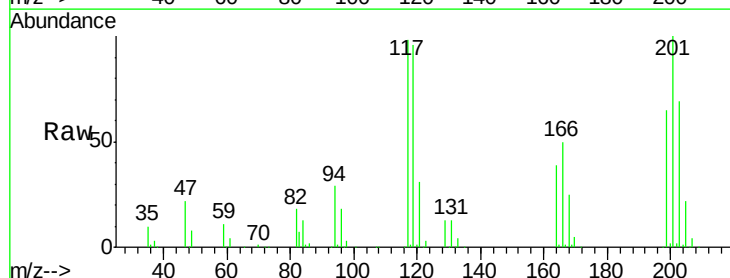


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

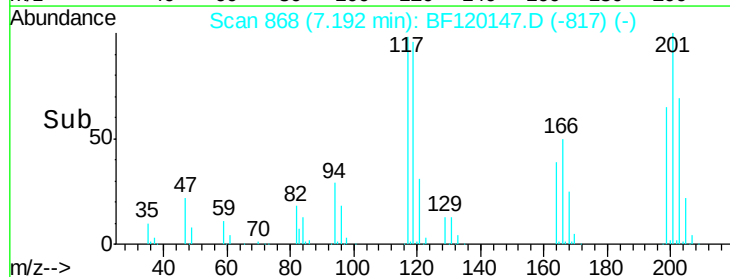
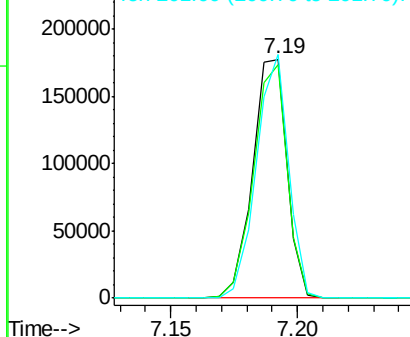


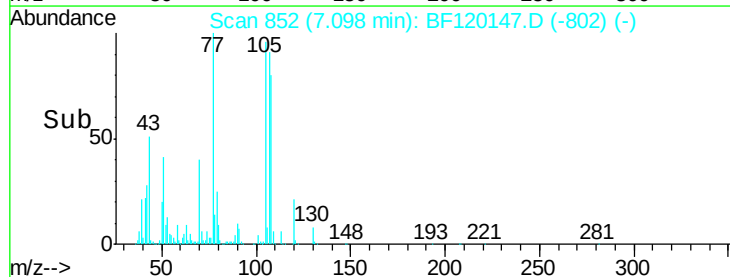
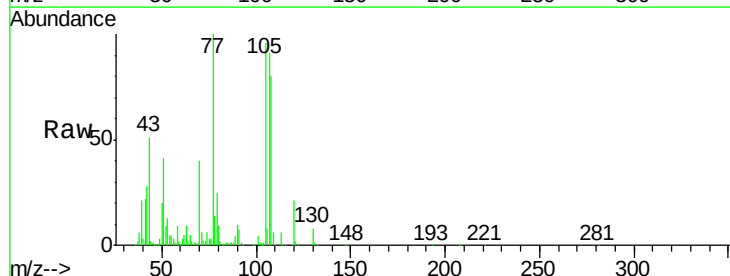
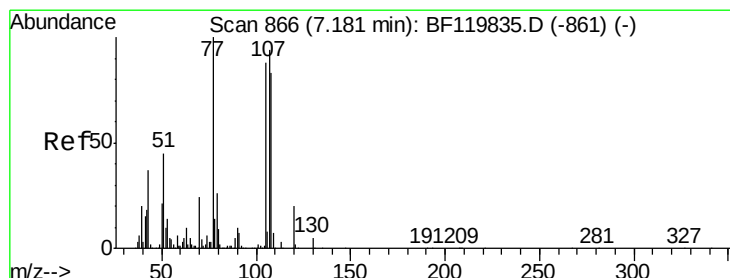
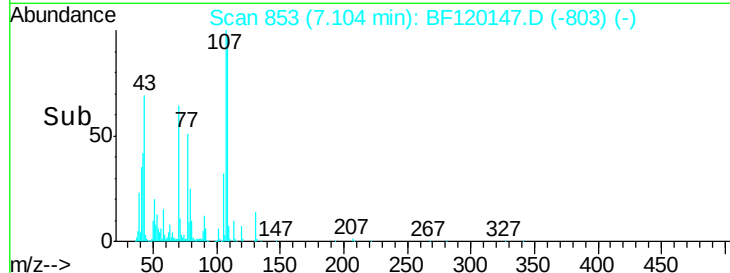
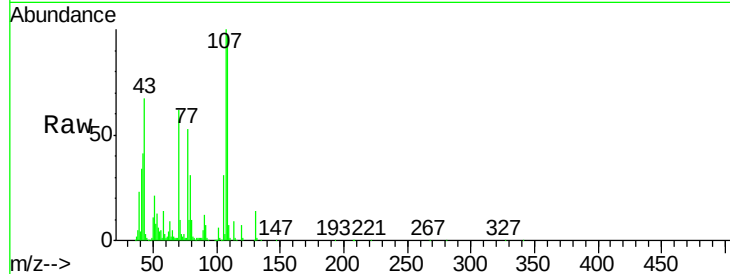
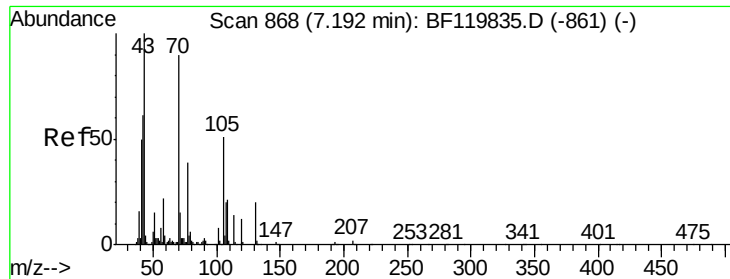
#18
Hexachloroethane
Concen: 43.65 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169085		
119	97.8	76.1	114.1	
201	101.9	73.0	109.6	



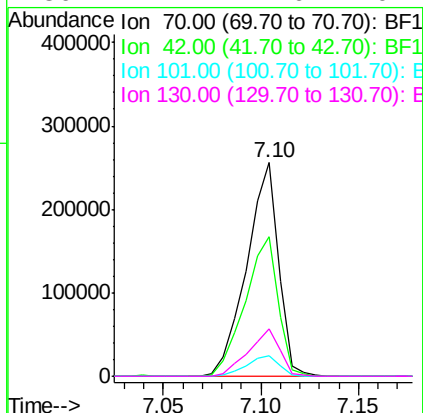
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.6	54.5	81.7
101	9.8	7.6	11.4
130	22.1	17.6	26.4



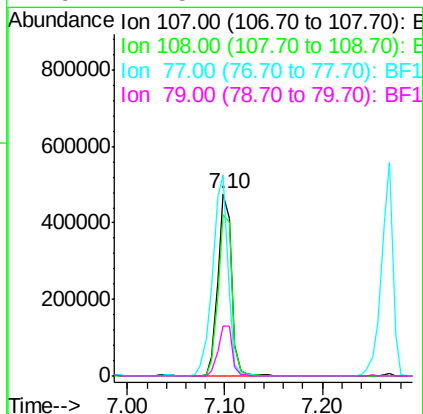
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

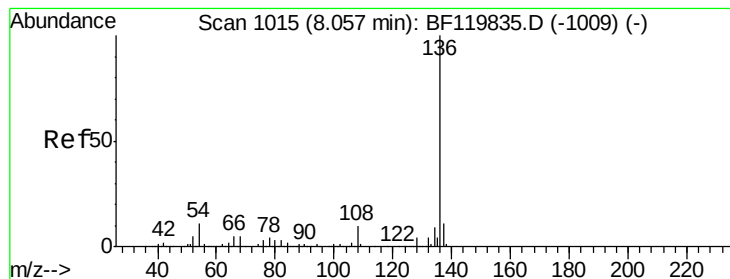
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#20
3+4-Methylphenols
Concen: 45.41 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.9	107.9
77	110.4	52.9	92.9#
79	27.5	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

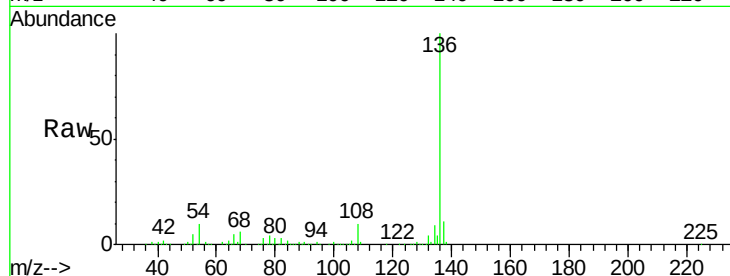
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	528188		
137	11.4	8.7	13.1	
54	10.0	9.1	13.7	
68	5.6	4.6	6.8	

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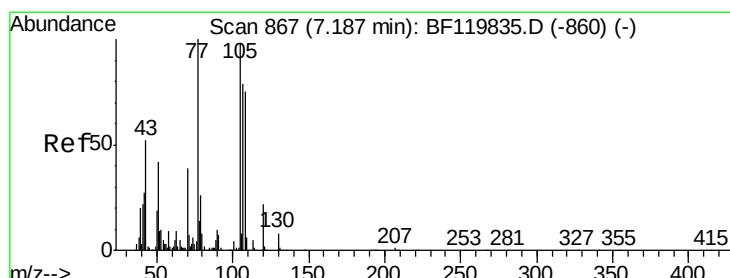
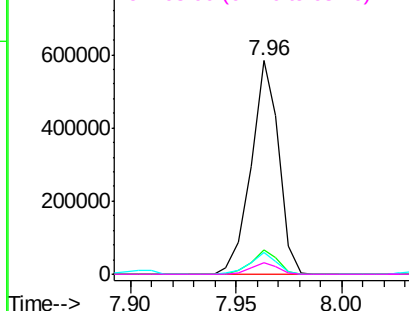
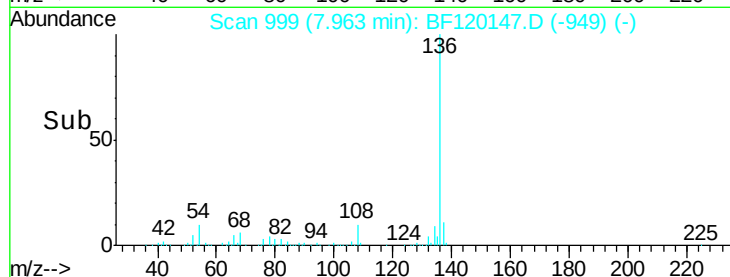
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.04 ng

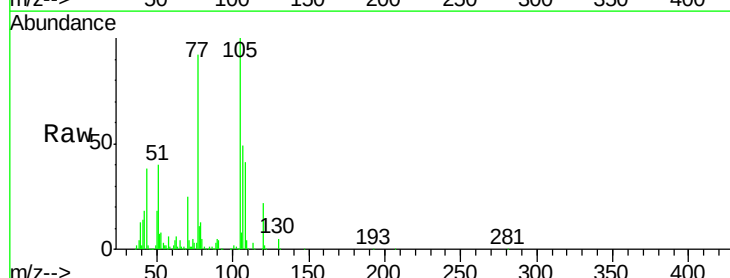
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	557086		
71	4.3	5.7	8.5#	
51	39.7	26.2	39.4#	
120	22.2	18.3	27.5	



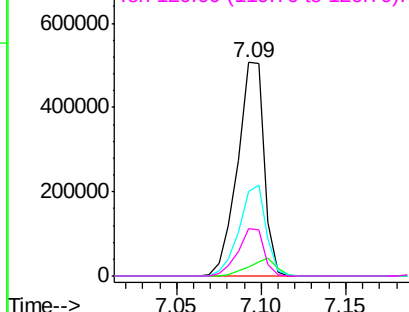
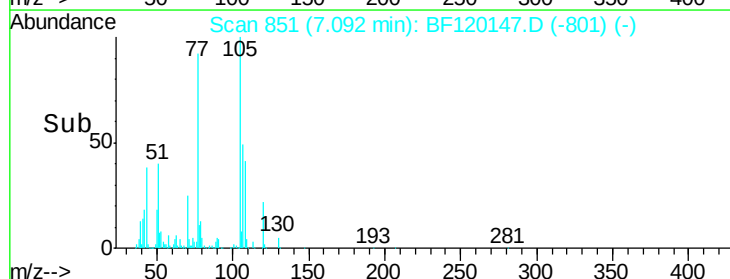
Abundance

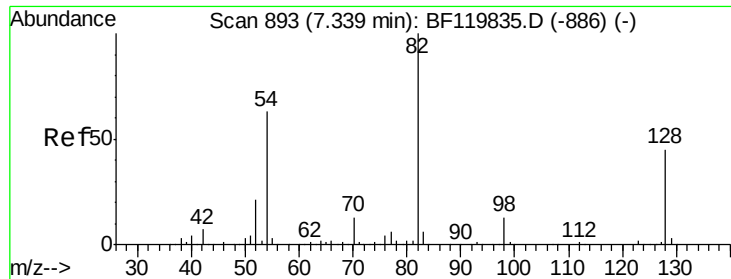
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





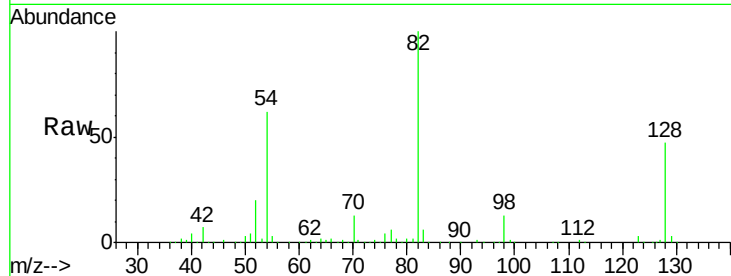
#23
 Nitrobenzene-d5
 Concen: 86.58 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

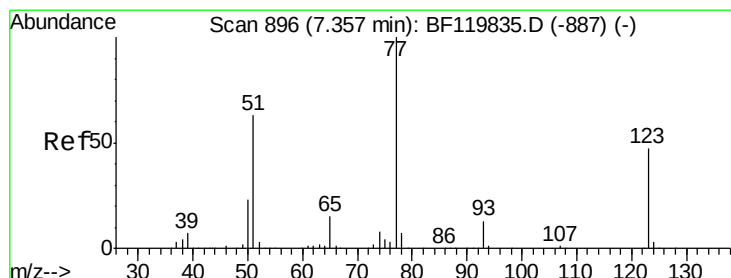
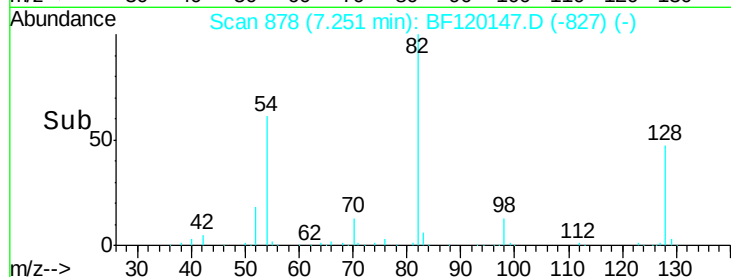
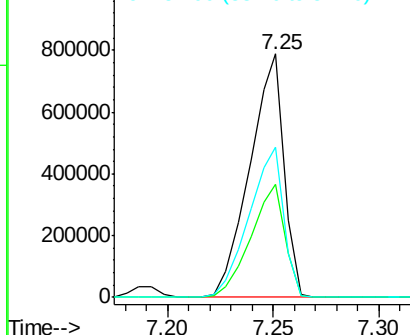
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	61.6	50.6	75.8

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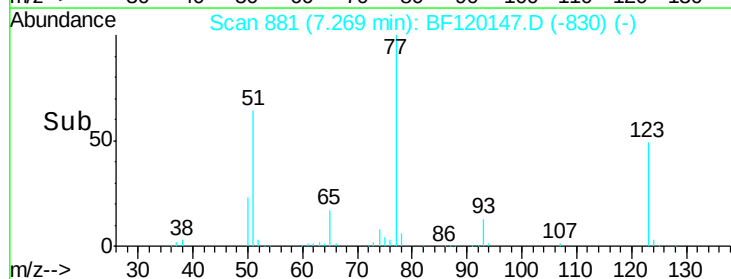
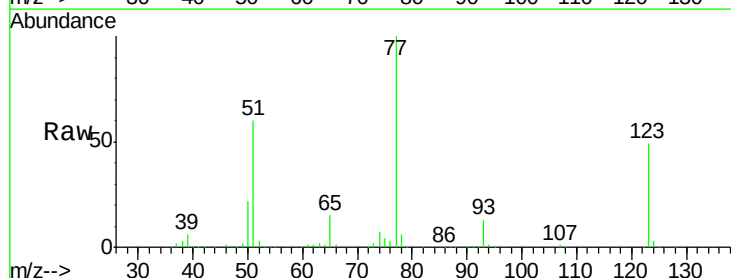
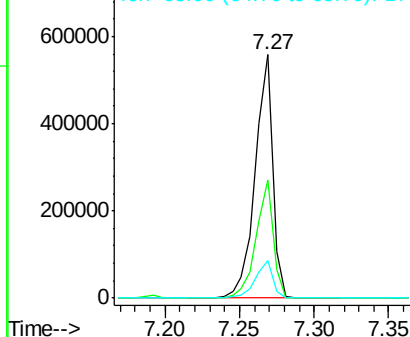
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

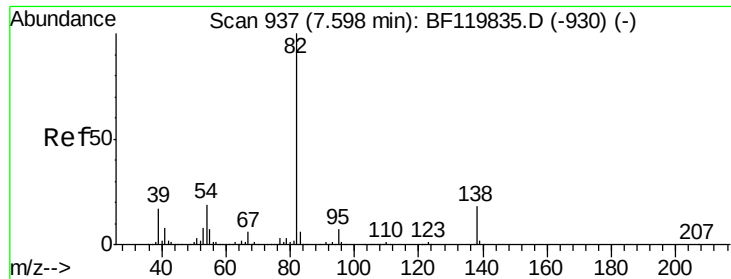


#24
 Nitrobenzene
 Concen: 44.06 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	38.0	57.0
65	15.2	12.6	18.8

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





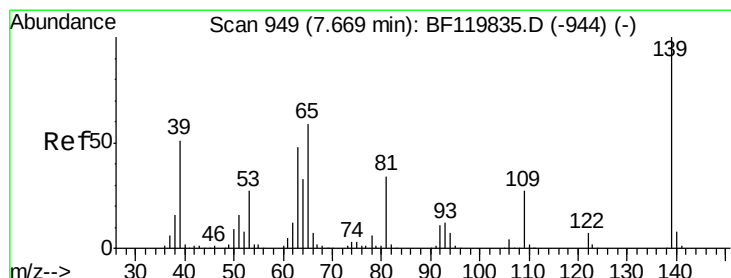
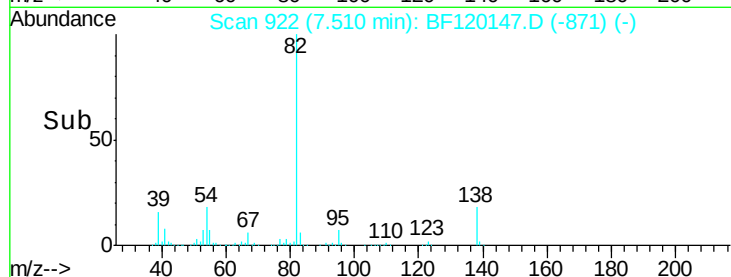
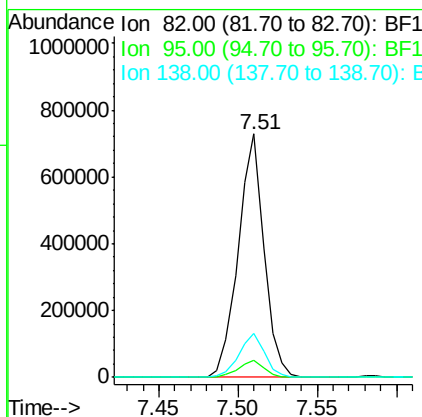
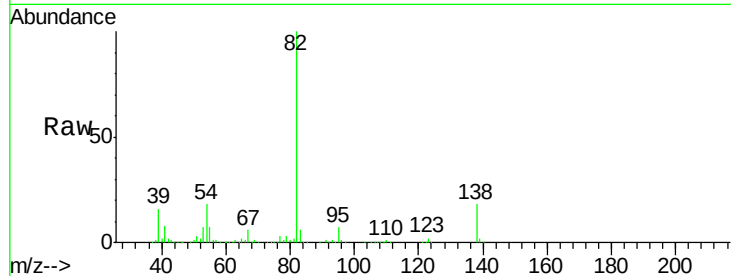
#25
Isophorone
Concen: 41.77 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.9	5.8	8.6
138	18.1	14.6	21.8

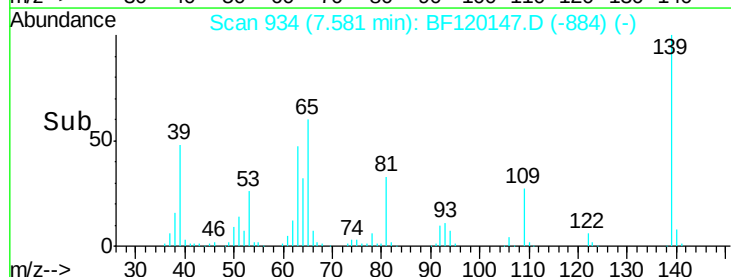
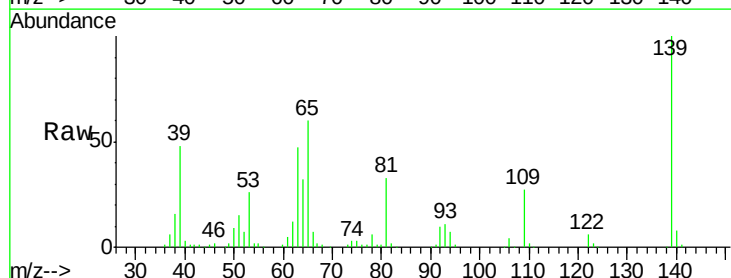
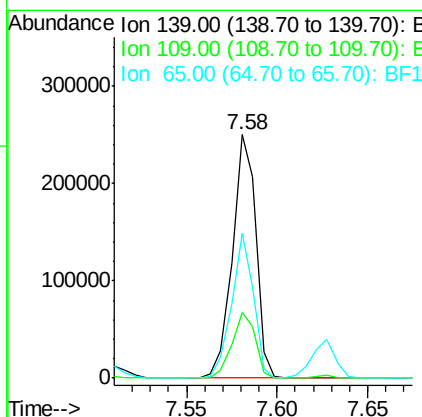
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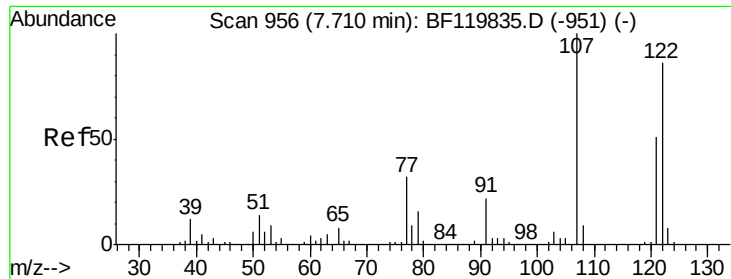
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#26
2-Nitrophenol
Concen: 44.08 ng
RT: 7.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	26.8	22.1	33.1
65	59.7	49.2	73.8





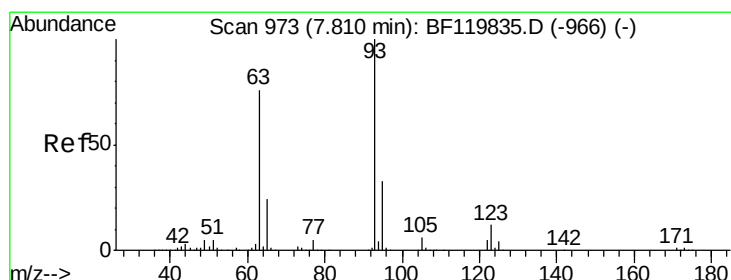
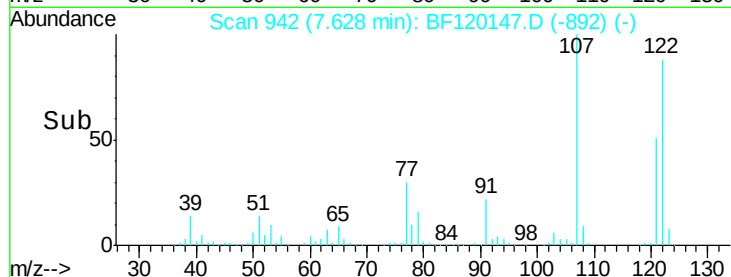
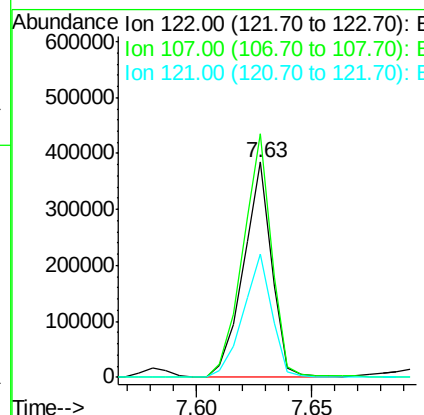
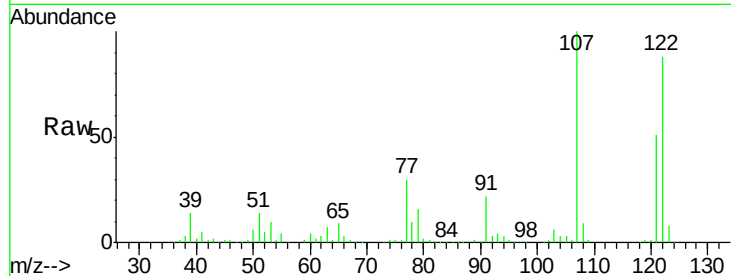
#27
2,4-Dimethylphenol
Concen: 42.64 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	329964		
107	113.0	89.0	133.6	
121	57.3	46.7	70.1	

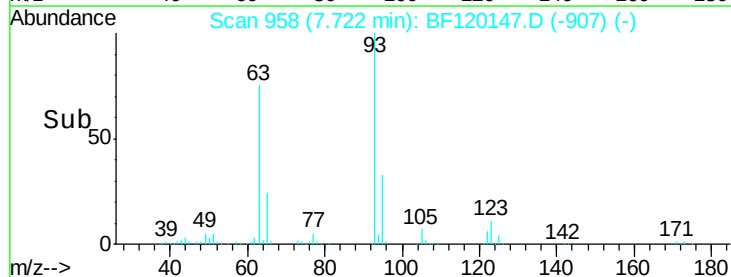
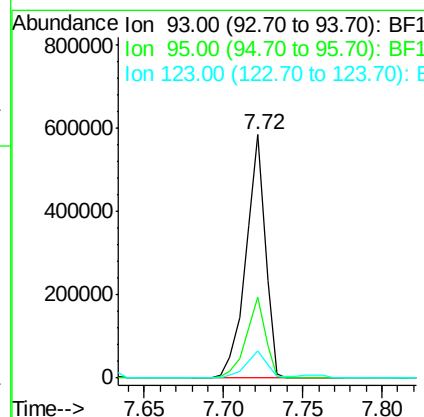
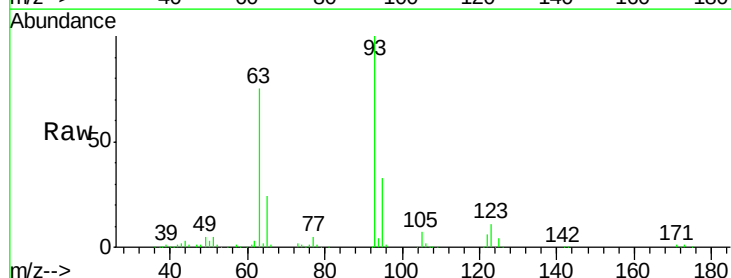
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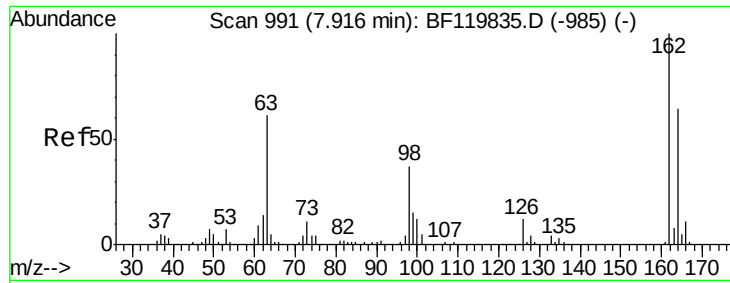
mohammad
4/24/2020 4:18:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.74 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	494940		
95	33.3	26.3	39.5	
123	11.3	9.7	14.5	





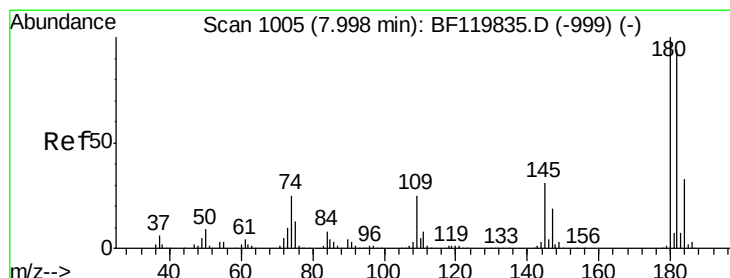
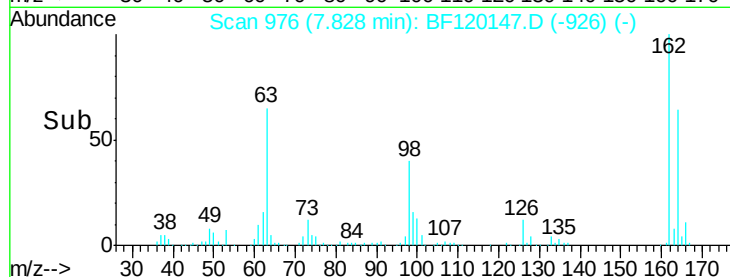
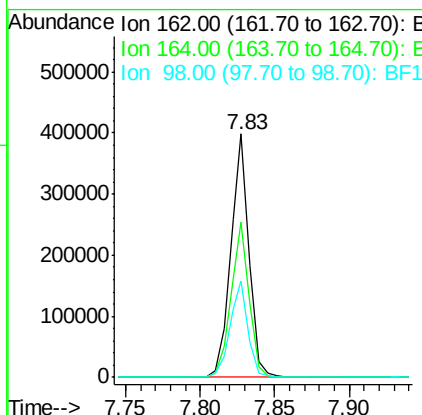
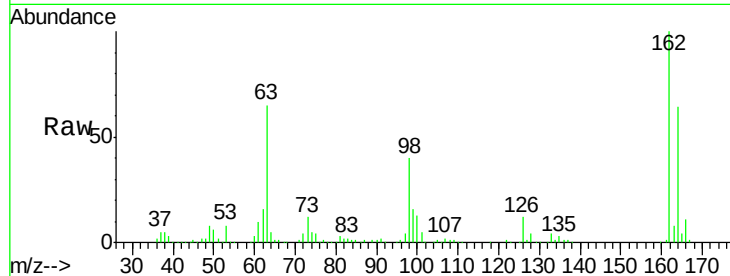
#29
 2,4-Dichlorophenol
 Concen: 43.23 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	342942		
164	63.8	44.7	84.7	
98	39.6	20.7	60.7	

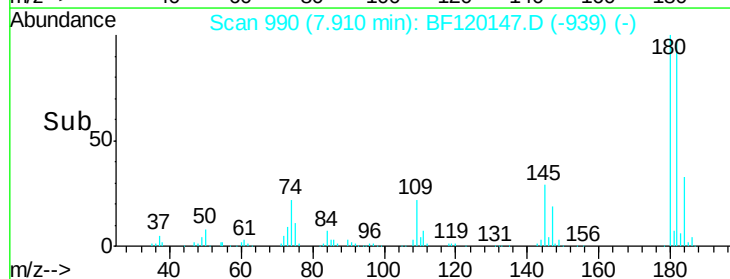
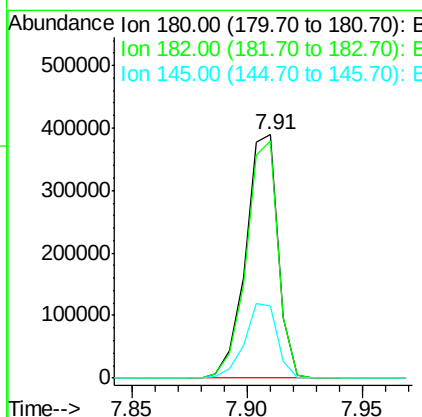
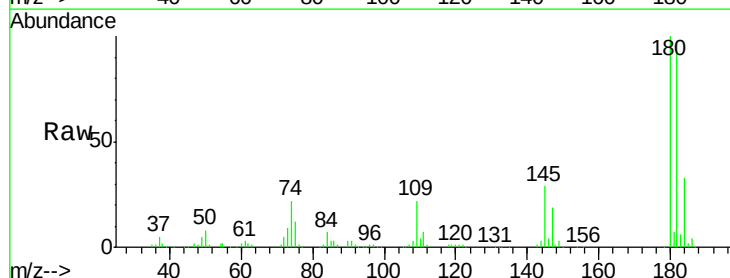
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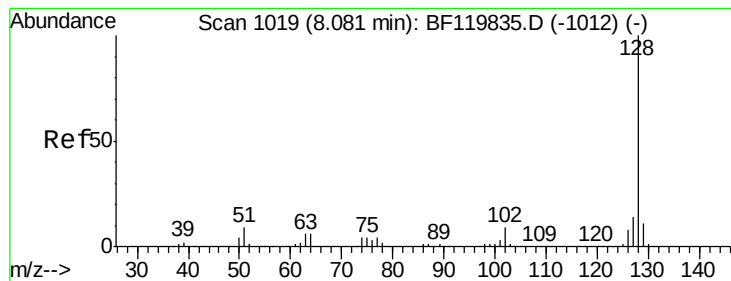
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.38 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	380933		
182	97.4	74.7	112.1	
145	29.5	24.5	36.7	





#31

Naphthalene

Concen: 43.46 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1207856

Ion Ratio Lower Upper

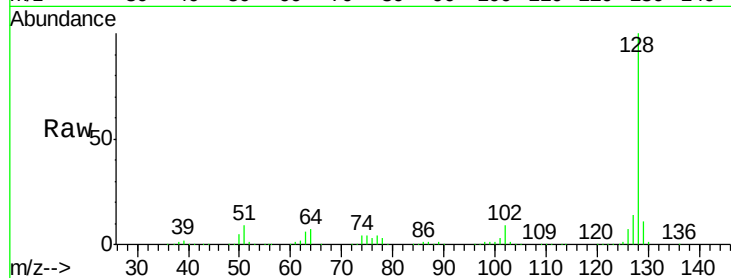
128 100

129 11.3 9.5 14.3

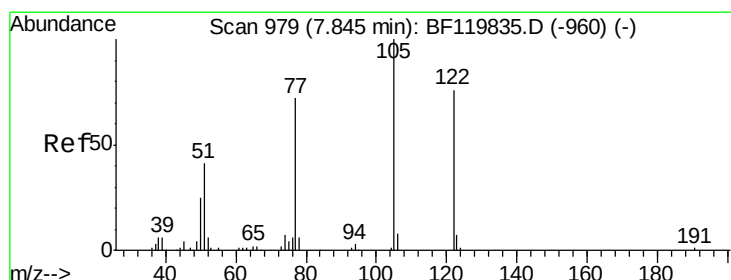
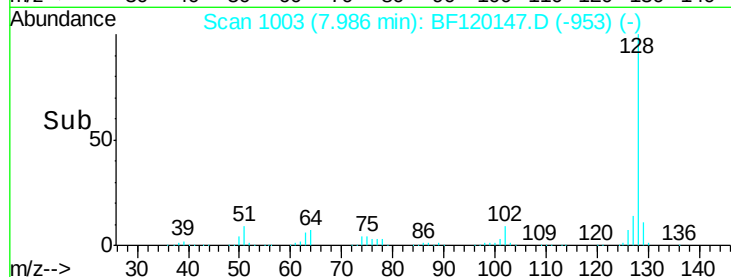
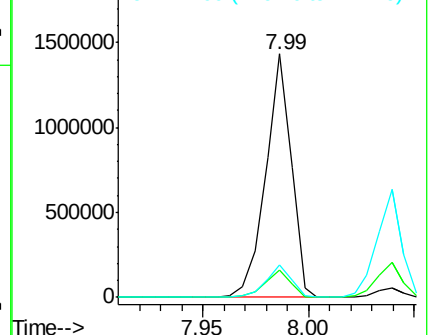
127 13.5 11.3 16.9

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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: 30.61 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

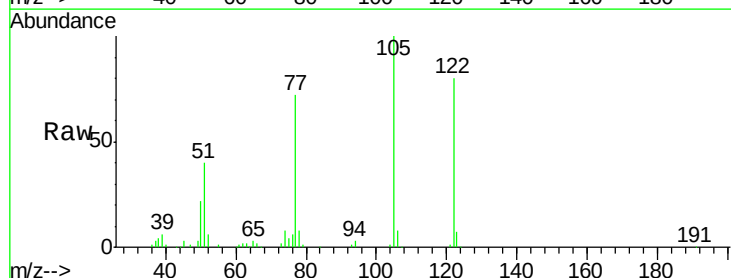
Tgt Ion:122 Resp: 208072

Ion Ratio Lower Upper

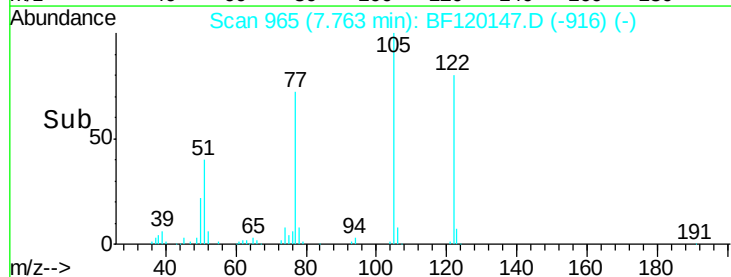
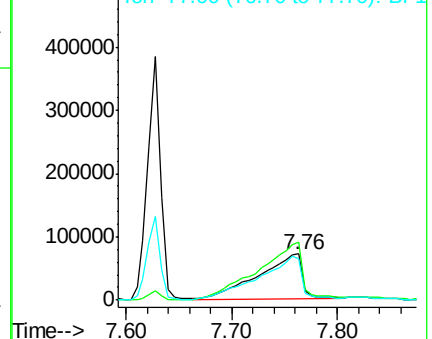
122 100

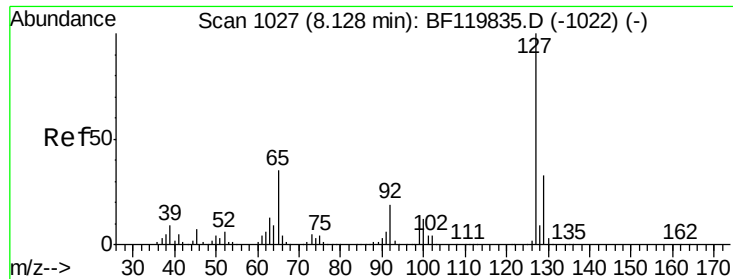
105 125.3 104.9 144.9

77 90.5 74.4 114.4



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





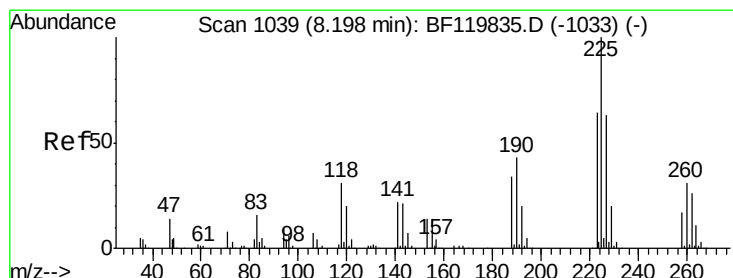
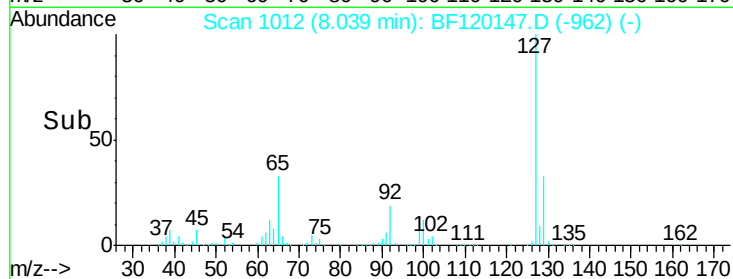
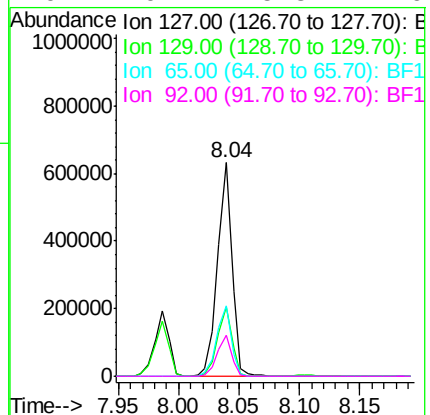
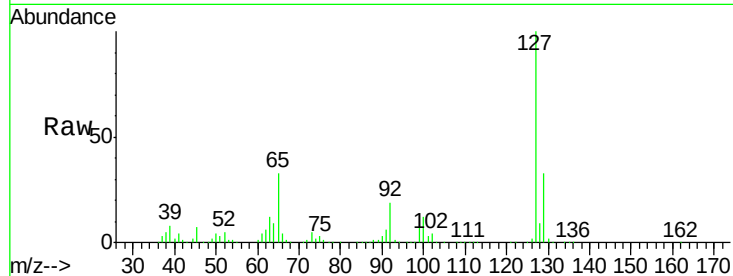
#33
4-Chloroaniline
Concen: 42.99 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	26.2	39.4
65	32.8	27.4	41.0
92	19.1	15.3	22.9

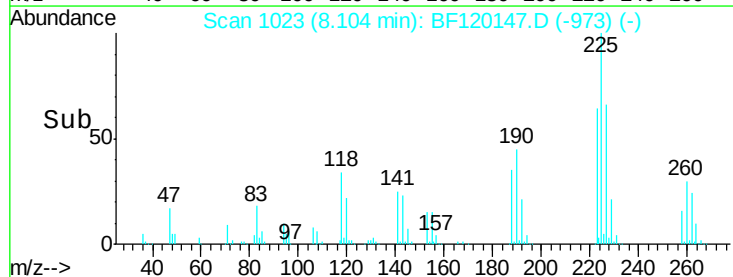
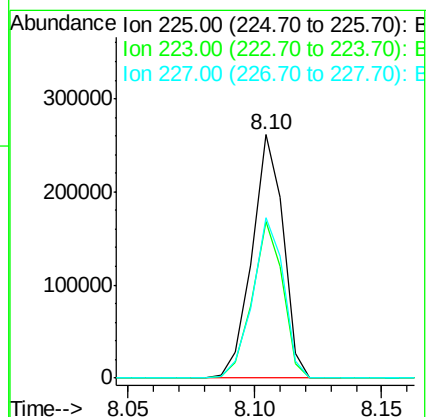
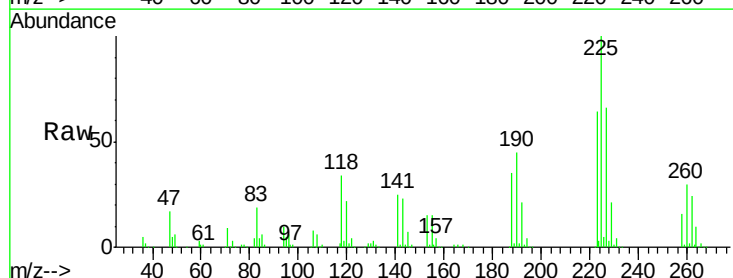
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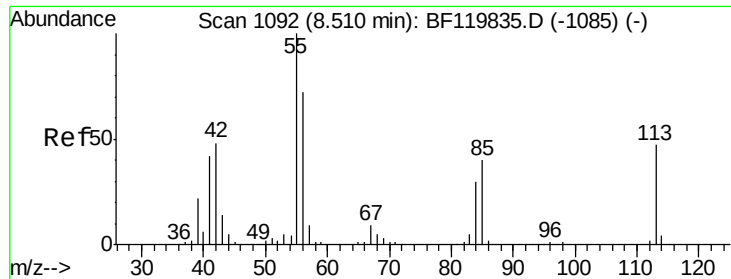
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#34
Hexachlorobutadiene
Concen: 41.67 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.4	51.0	76.6
227	66.0	50.7	76.1





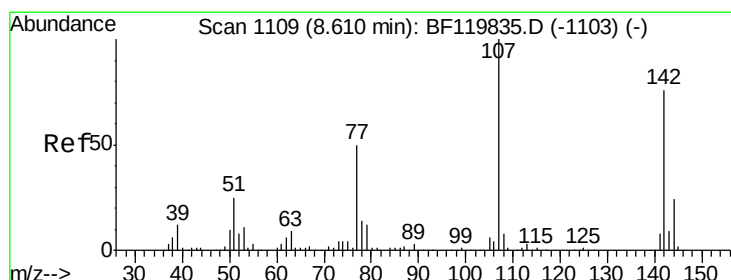
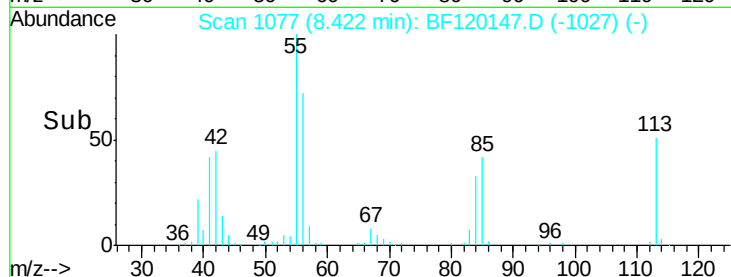
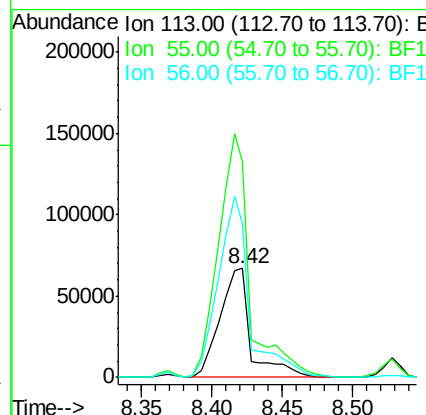
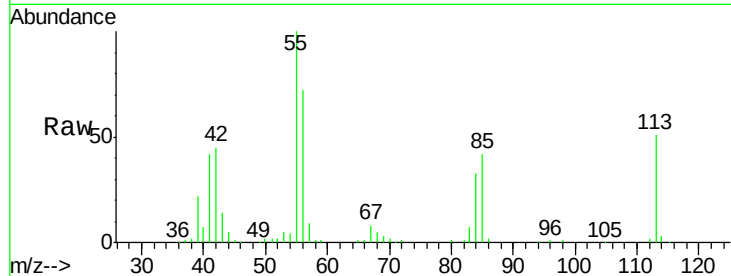
#35
 Caprolactam
 Concen: 42.24 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	102490		
55	197.6	218.4	258.4#	
56	142.0	148.9	188.9#	

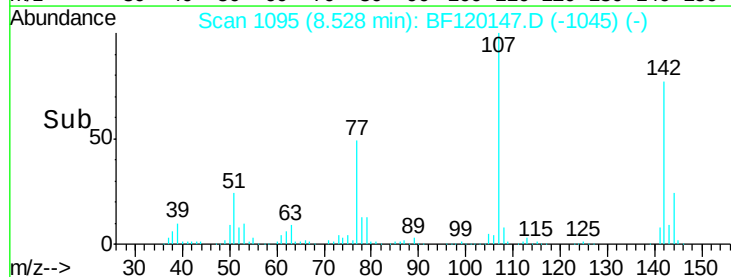
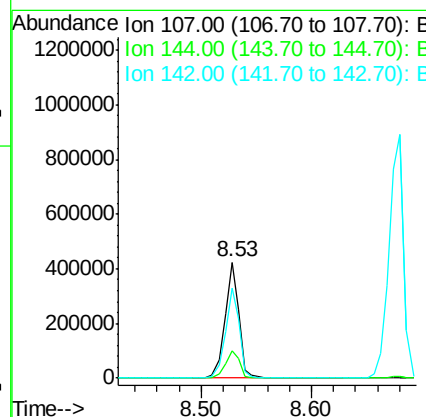
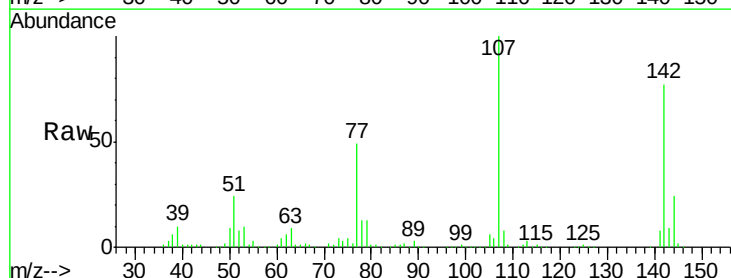
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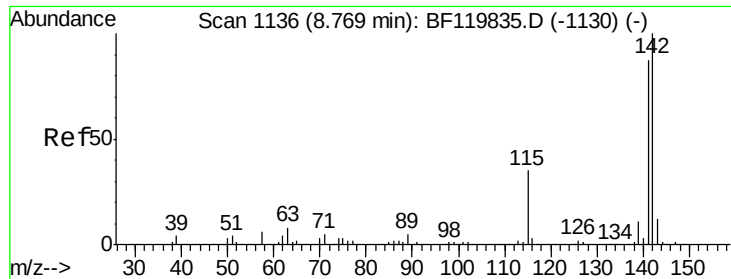
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#36
 4-Chloro-3-methylphenol
 Concen: 42.84 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	367880		
144	23.9	21.0	31.6	
142	77.4	64.4	96.6	





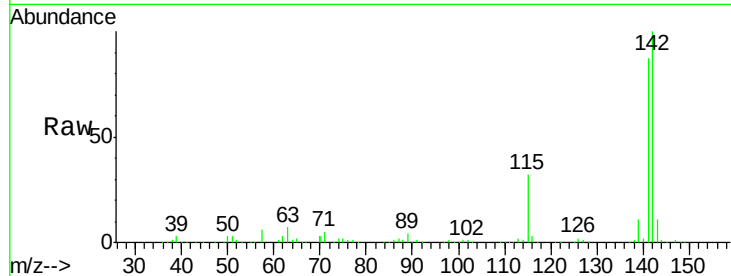
#37
2-Methylnaphthalene
Concen: 42.75 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.7	107.5
115	31.7	27.9	41.9

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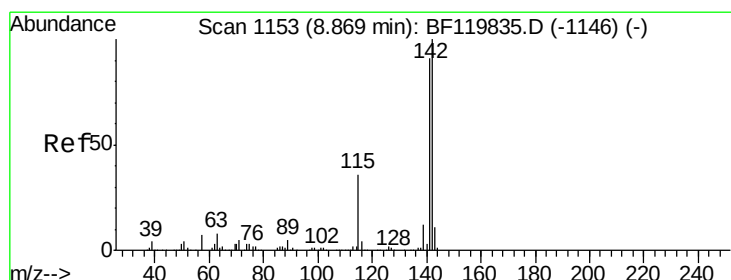
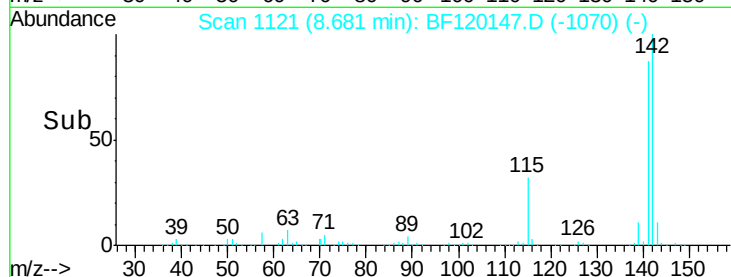
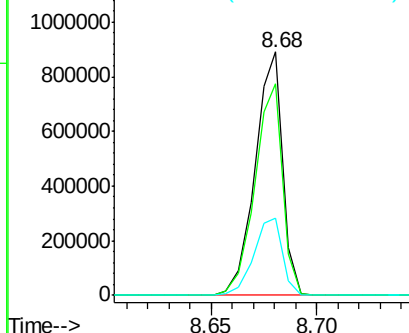


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.28 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

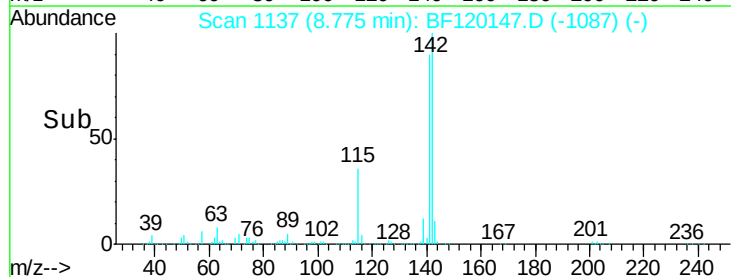
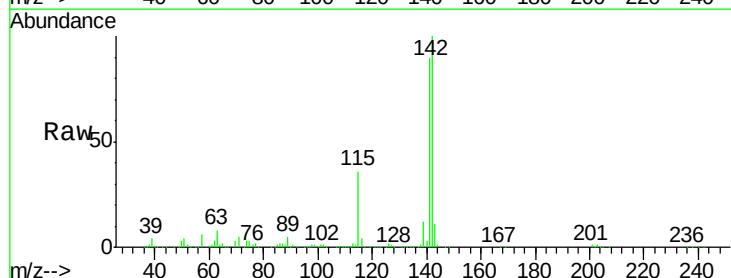
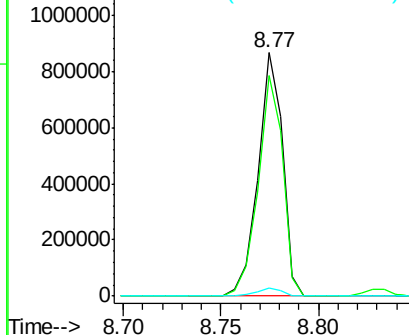
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.7	110.5
116	3.6	3.0	4.6

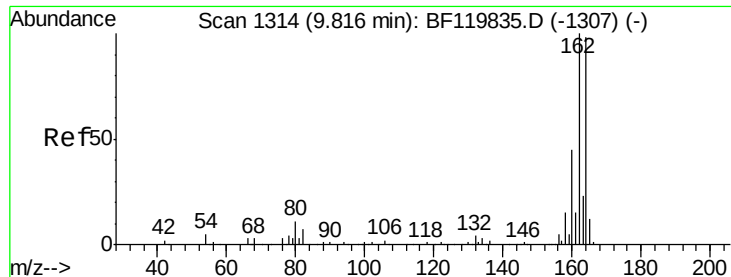
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

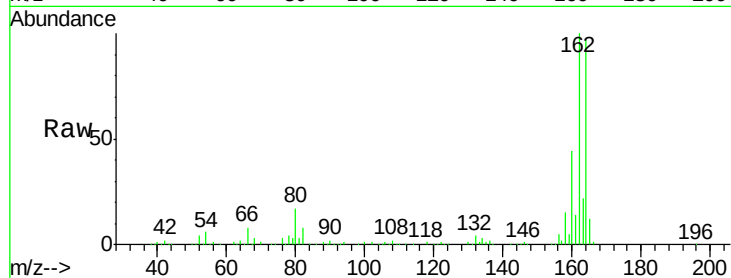
ClientSampleId :

SSTDCCC040

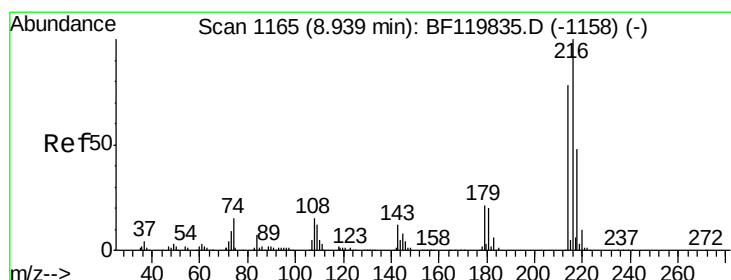
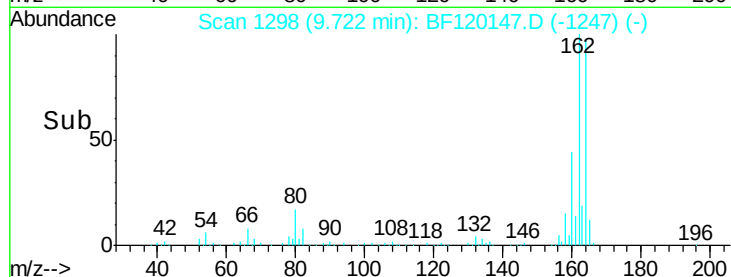
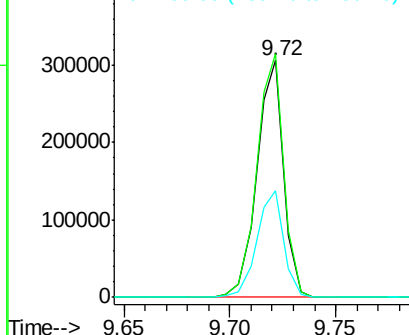
Tgt Ion:	164	Resp:	268253
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.6	121.0
160	45.0	35.7	53.5

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.62 ng

RT: 8.85 min Scan# 1149

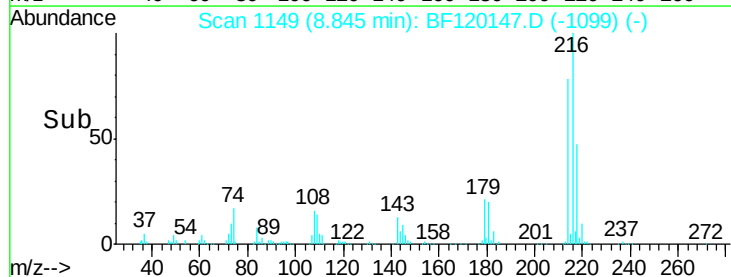
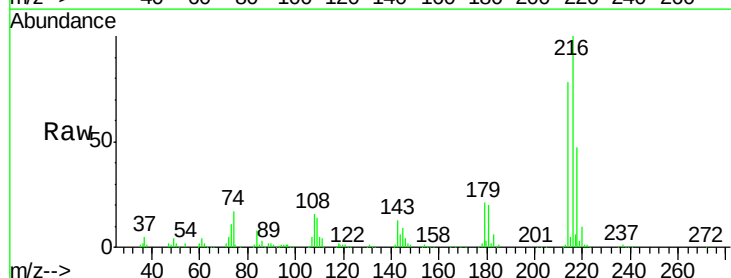
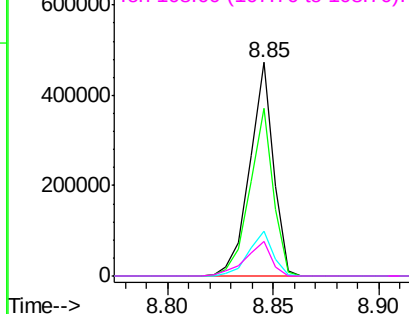
Delta R.T. -0.01 min

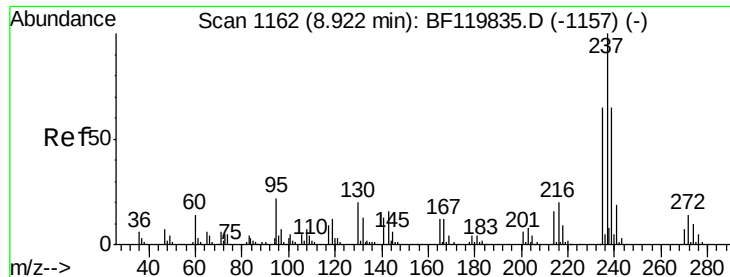
Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Tgt Ion:	216	Resp:	369590
Ion Ratio	Lower	Upper	
216	100		
214	77.8	63.2	94.8
179	21.1	17.1	25.7
108	18.0	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





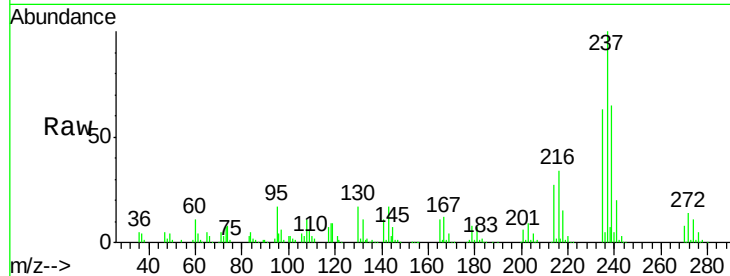
#41
Hexachlorocyclopentadiene
Concen: 38.83 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

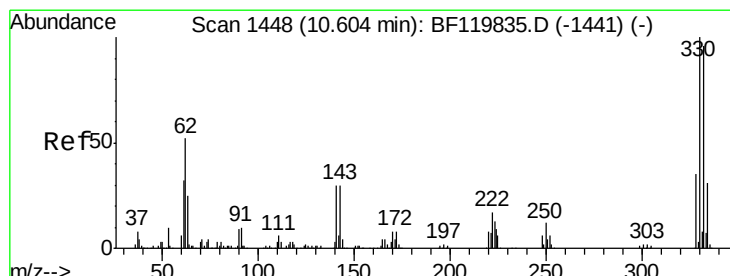
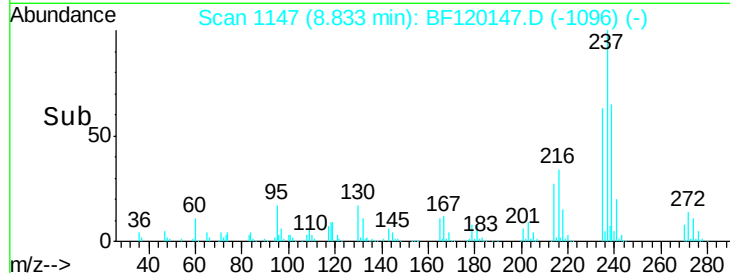
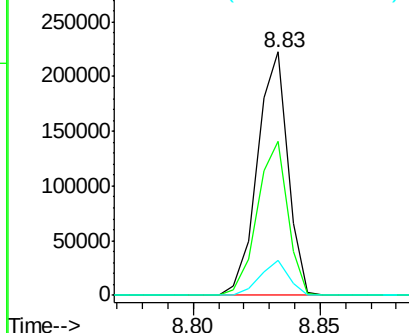
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.1	43.2	83.2
272	14.2	0.0	34.1

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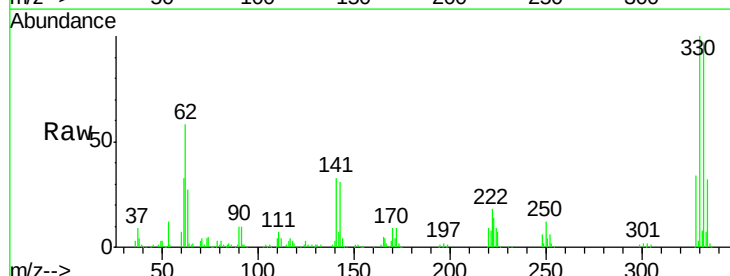


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

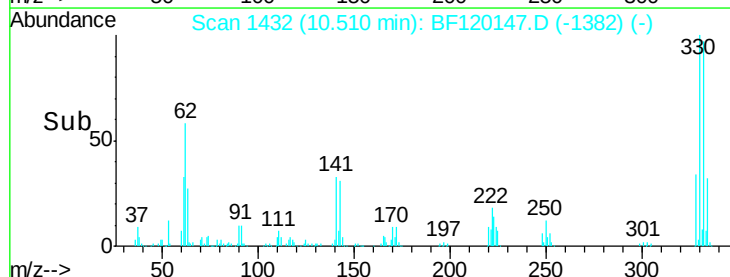
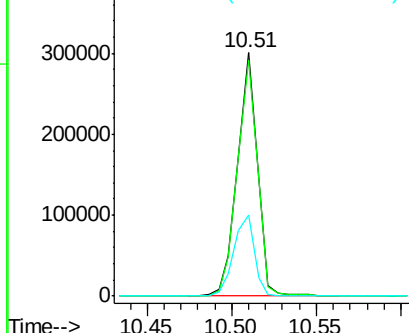


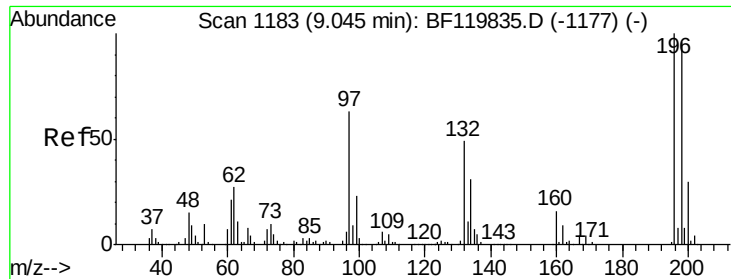
#42
2,4,6-Tribromophenol
Concen: 75.47 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.9	75.7	113.5
141	34.9	25.4	38.0



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





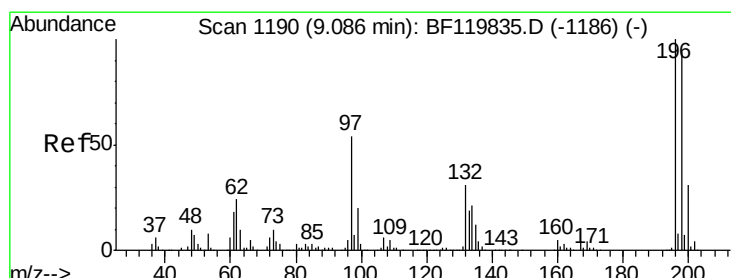
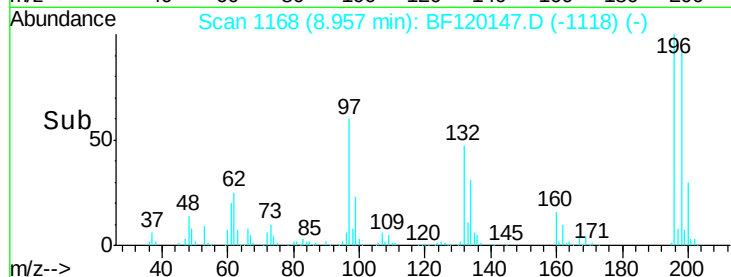
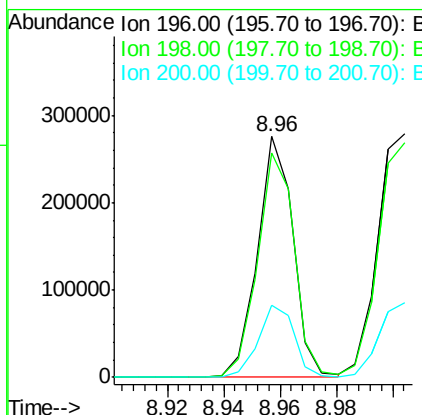
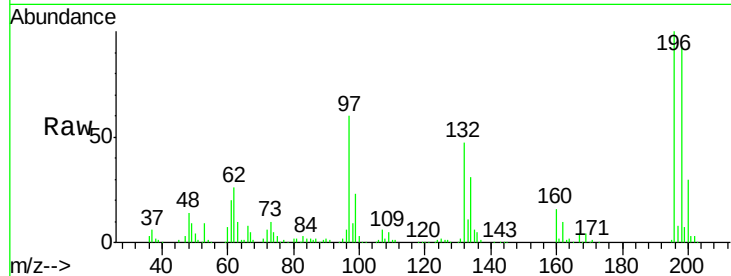
#43
 2,4,6-Trichlorophenol
 Concen: 41.46 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242594		
198	93.2	76.6	115.0	
200	30.0	24.6	36.8	

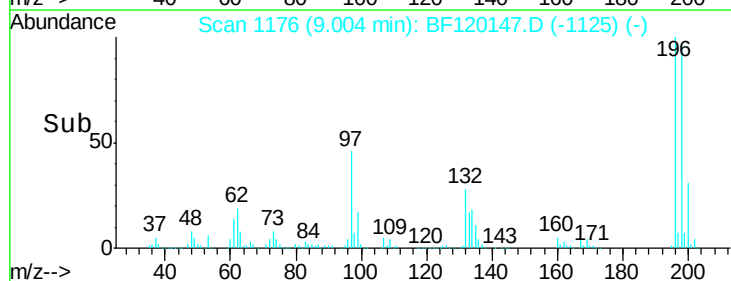
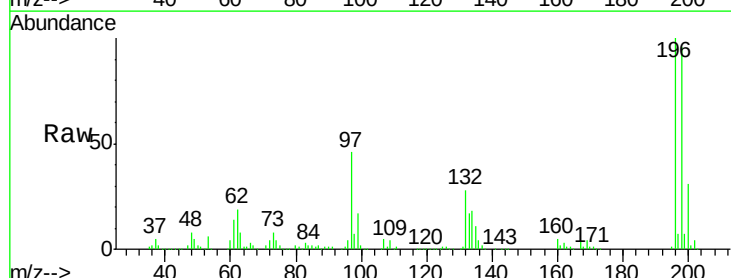
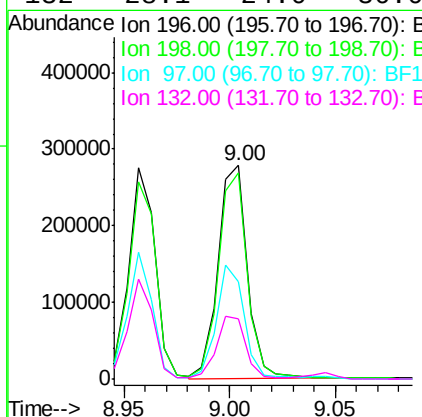
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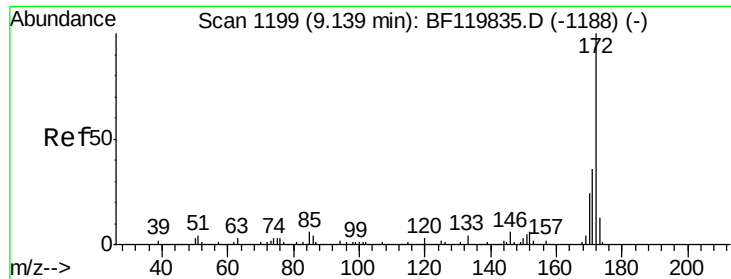
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.62 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267666		
198	96.3	73.8	110.8	
97	45.7	42.6	63.8	
132	28.1	24.0	36.0	





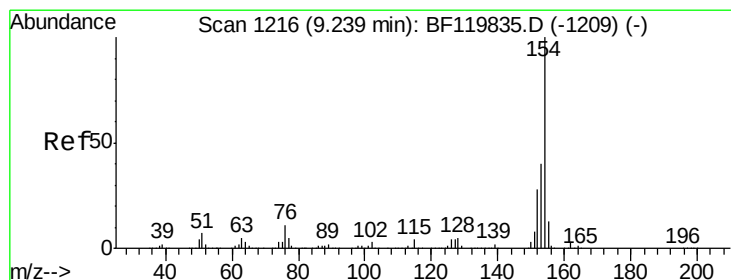
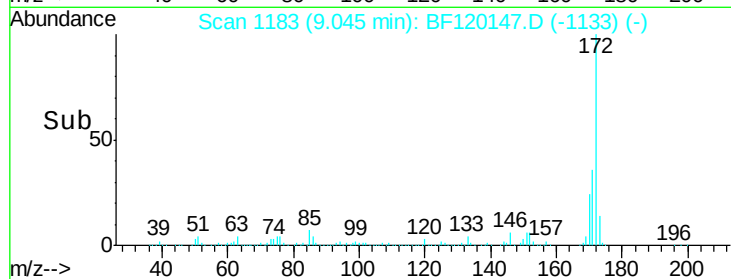
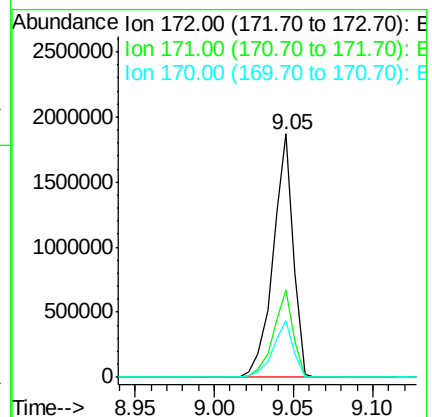
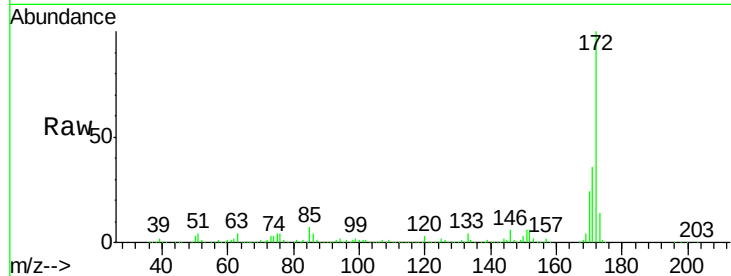
#45
2-Fluorobiphenyl
Concen: 87.89 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	20.2	30.2

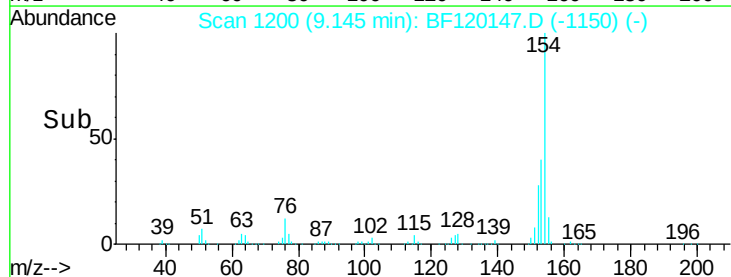
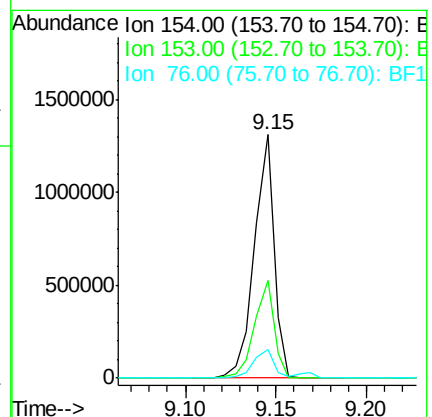
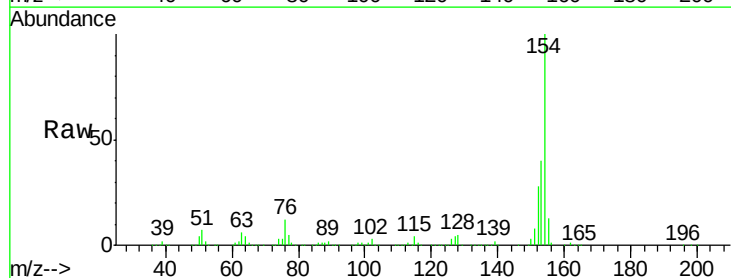
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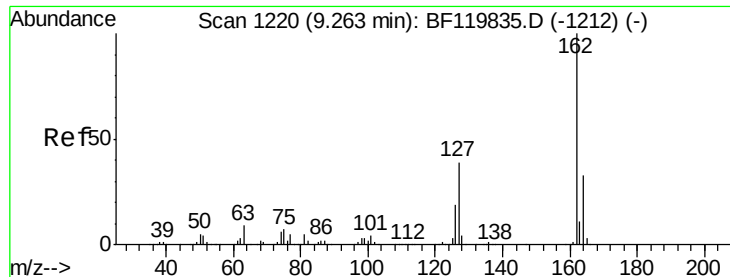
mohammad
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#46
1,1'-Biphenyl
Concen: 43.83 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	11.9	0.0	33.0





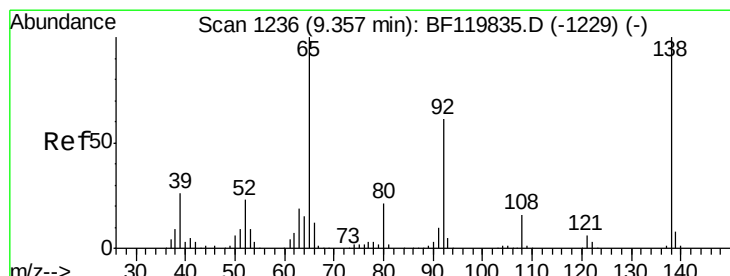
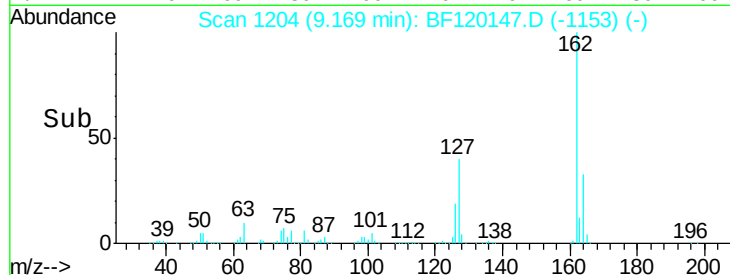
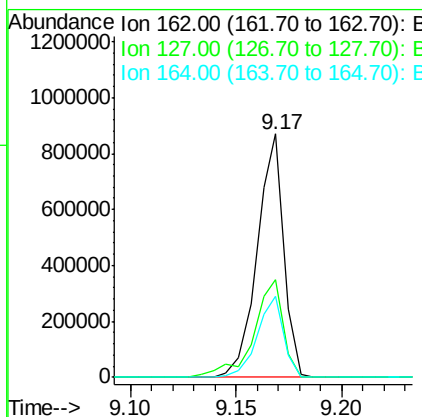
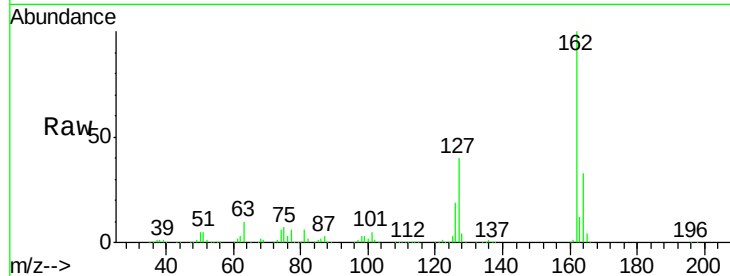
#47
 2-Chloronaphthalene
 Concen: 43.52 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.3	33.7	50.5
164	33.5	26.3	39.5

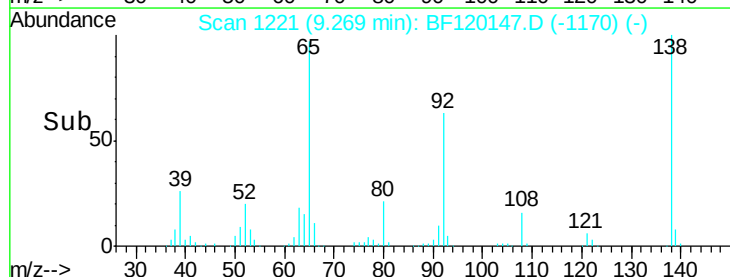
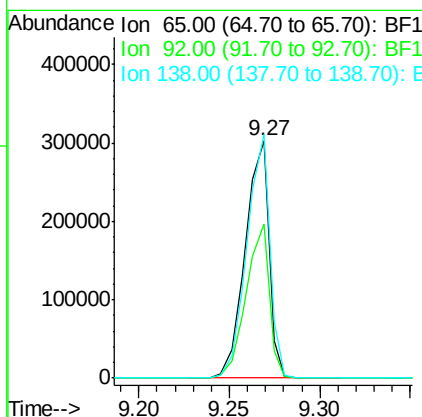
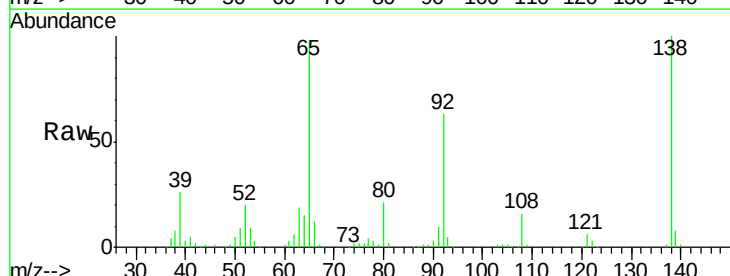
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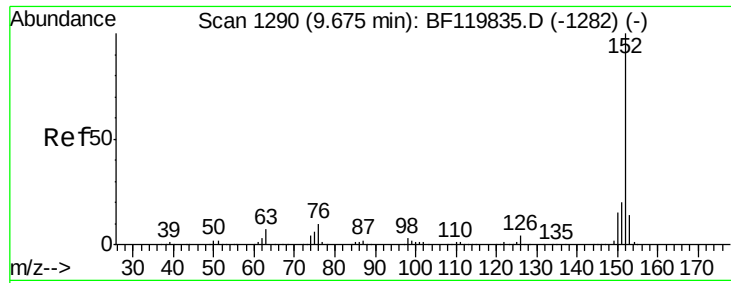
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#48
 2-Nitroaniline
 Concen: 43.60 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.6	50.0	75.0
138	102.5	75.0	112.4





#49

Acenaphthylene

Concen: 44.70 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1185666

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

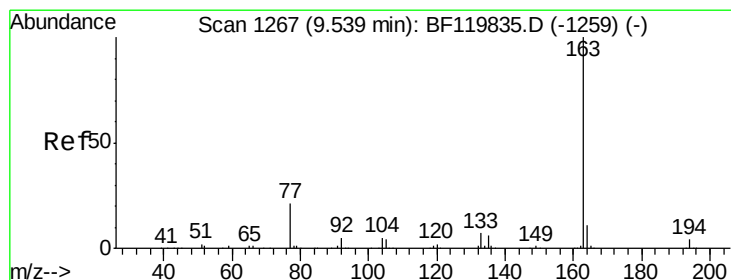
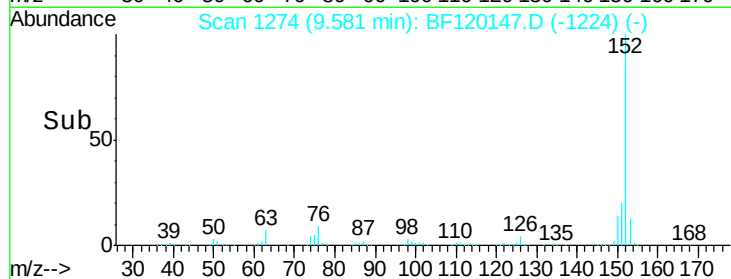
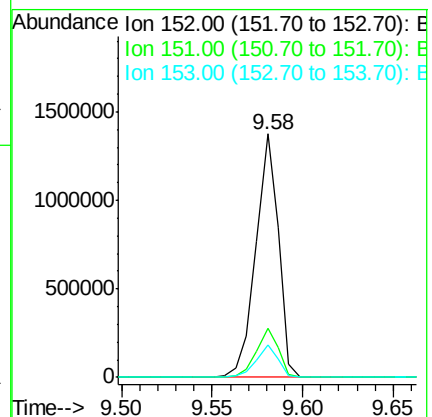
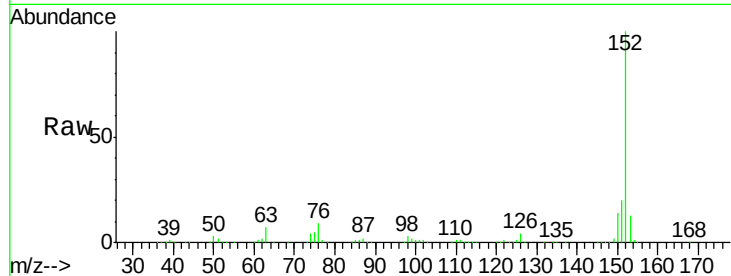
153 13.3 11.2 16.8

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#50

Dimethylphthalate

Concen: 42.17 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

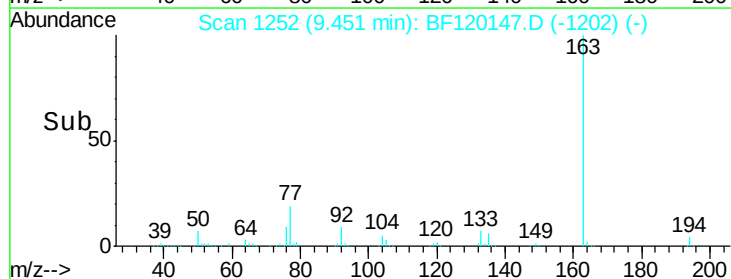
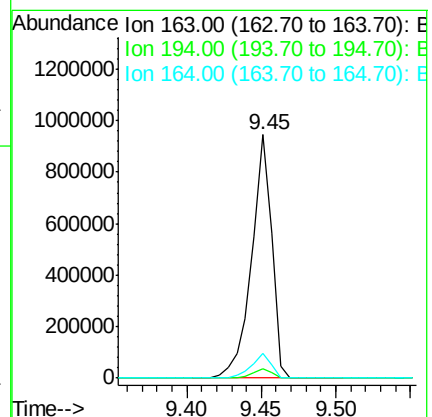
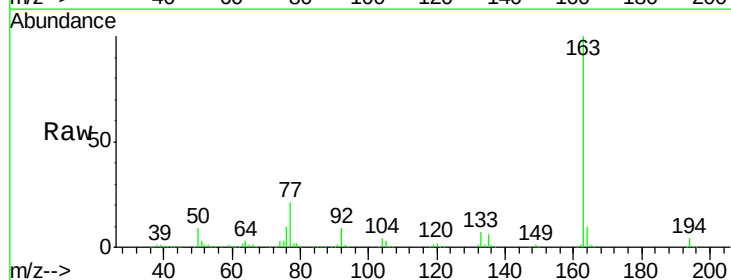
Tgt Ion:163 Resp: 874985

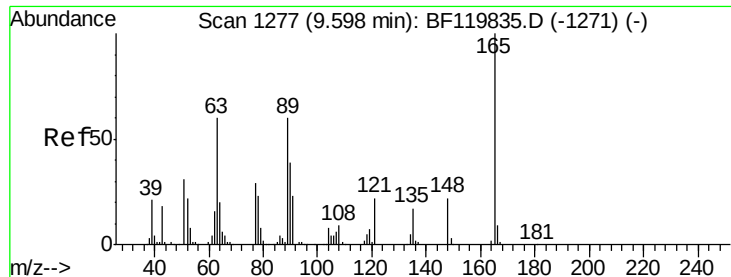
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.2 12.2





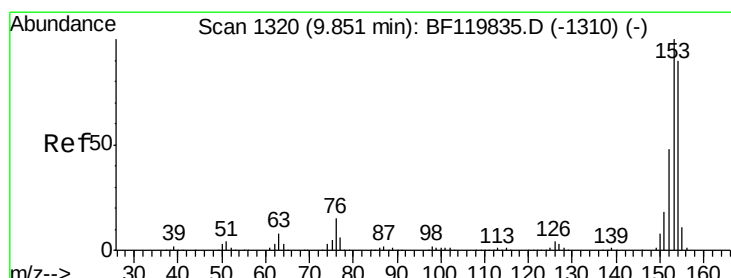
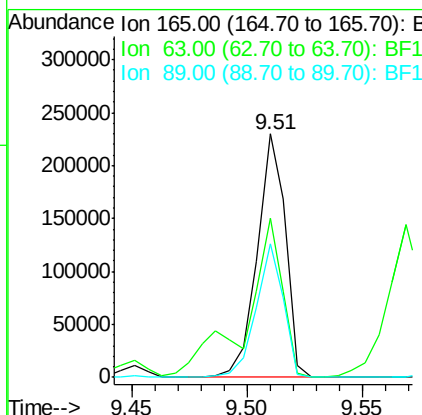
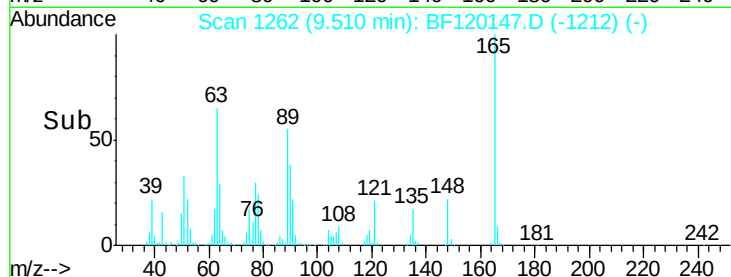
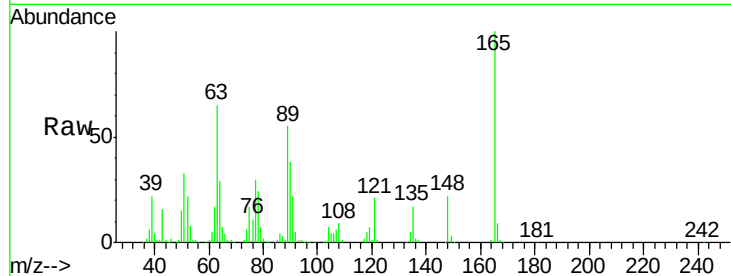
#51
 2,6-Dinitrotoluene
 Concen: 43.25 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196503		
63	65.2	45.0	67.4	
89	54.7	41.5	62.3	

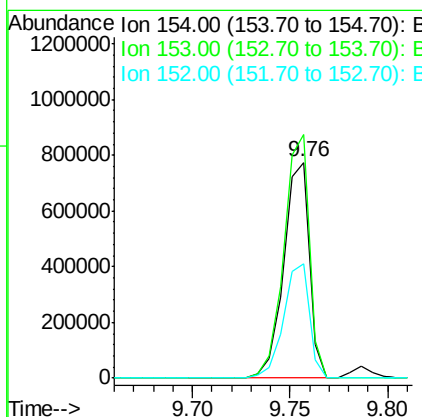
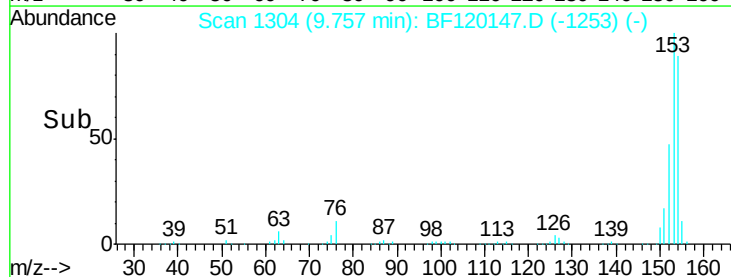
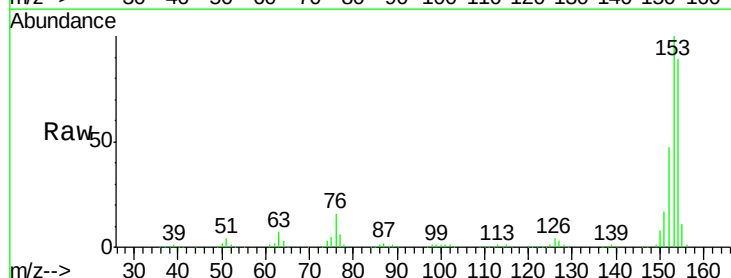
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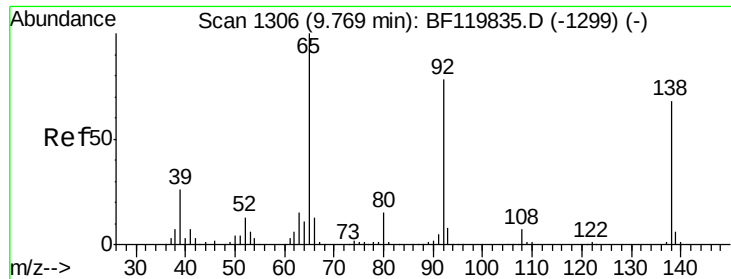
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#52
 Acenaphthene
 Concen: 40.08 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	709204		
153	112.8	88.1	132.1	
152	52.9	43.0	64.4	





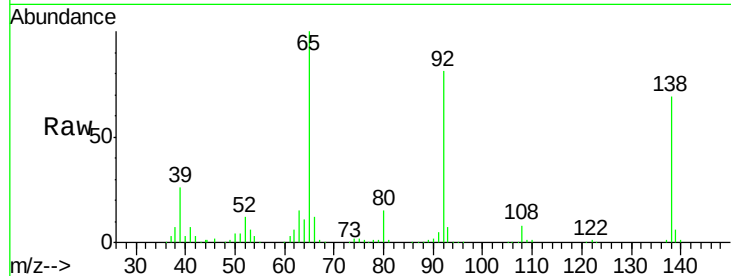
#53
 3-Nitroaniline
 Concen: 43.83 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

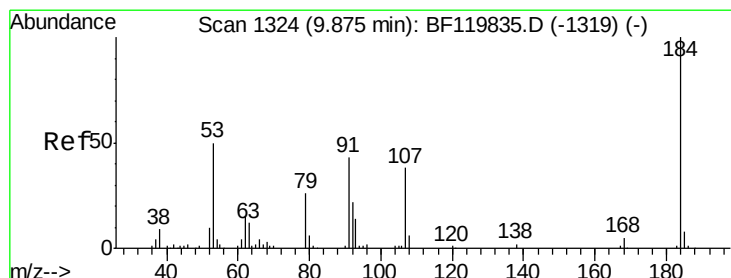
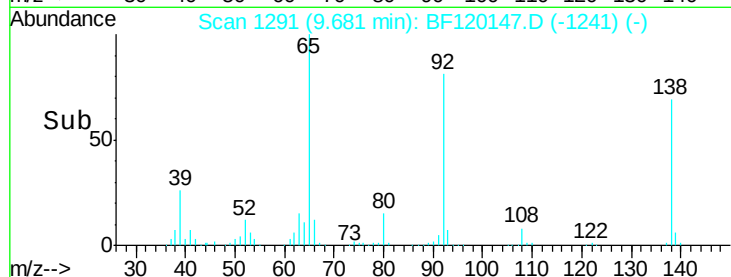
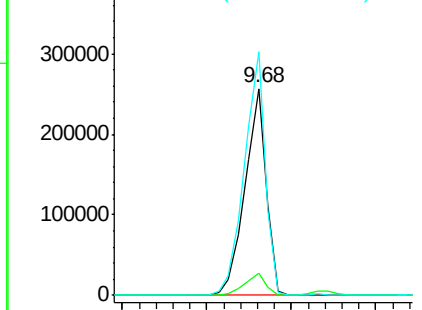
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	227424		
108	11.0	8.6	13.0	
92	117.7	95.4	143.0	

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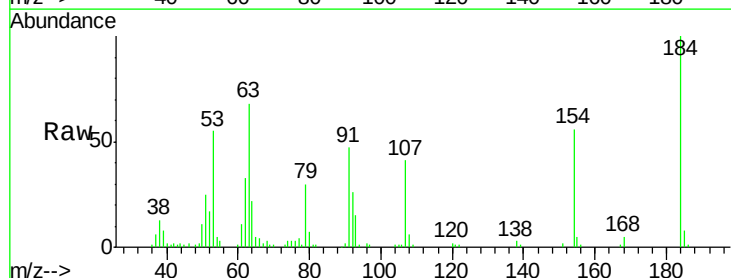


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

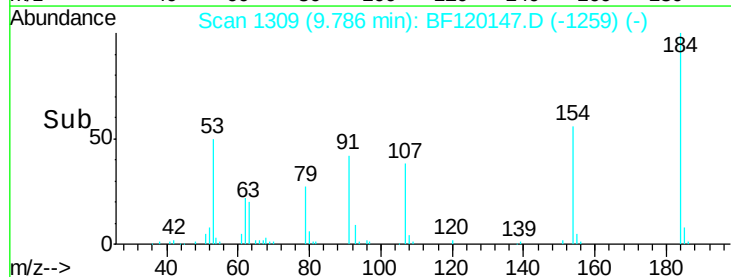
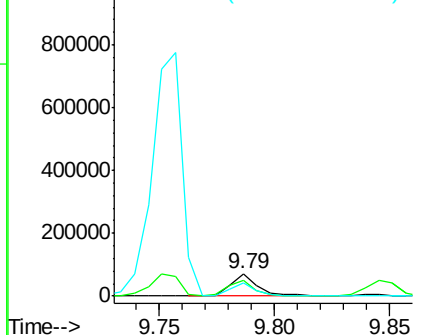


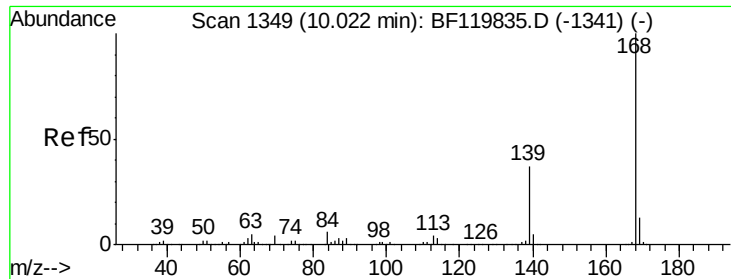
#54
 2,4-Dinitrophenol
 Concen: 22.12 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60185		
63	68.0	50.2	75.4	
154	56.3	44.5	66.7	



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





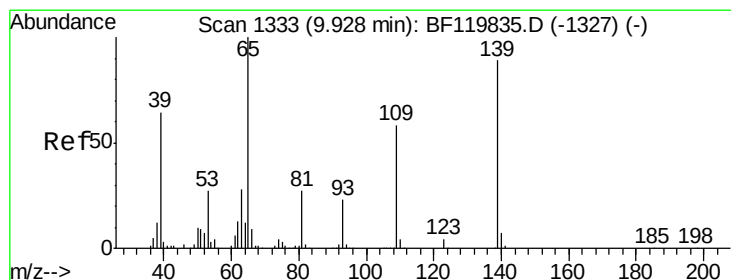
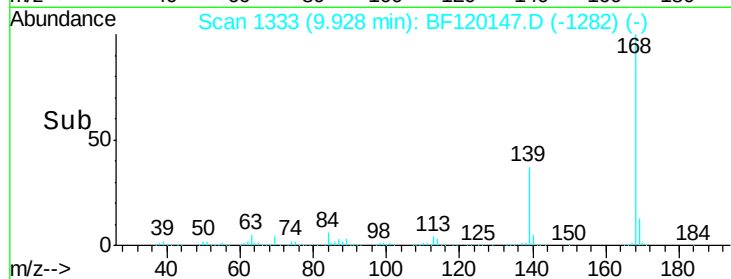
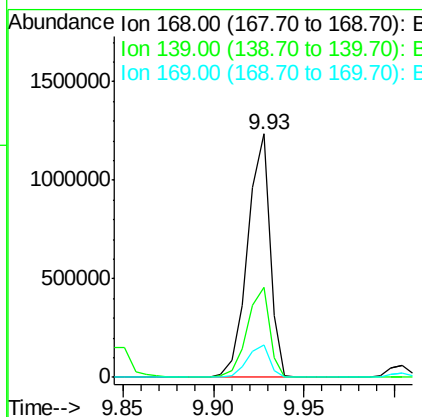
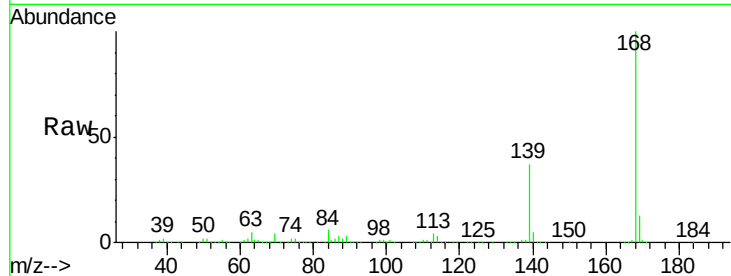
#55
Dibenzofuran
Concen: 43.47 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1055622
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 13.4 11.0 16.6

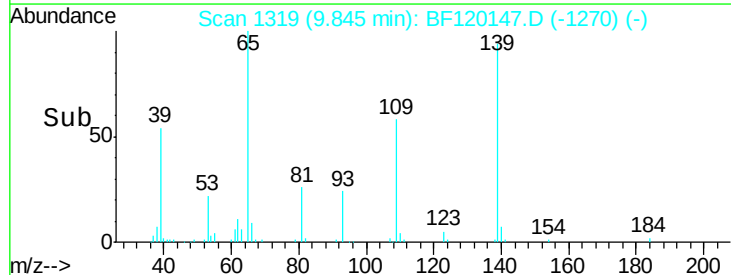
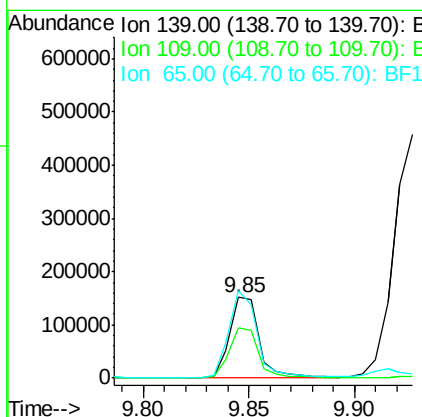
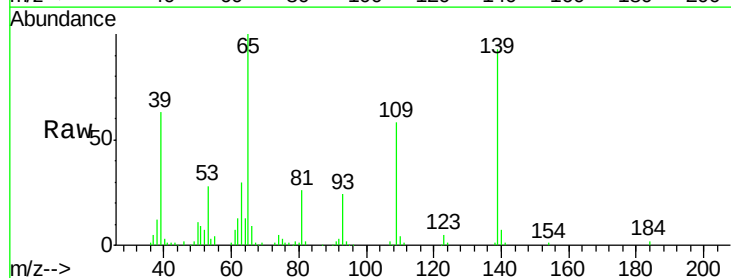
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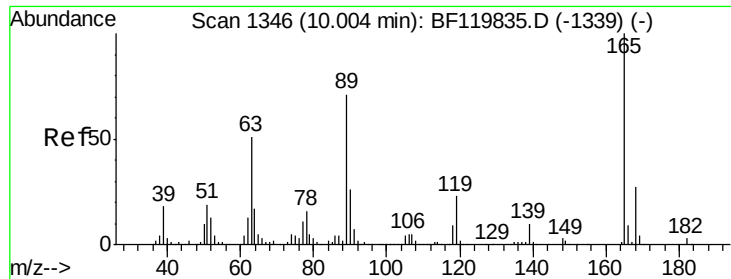
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#56
4-Nitrophenol
Concen: 37.99 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion:139 Resp: 146683
Ion Ratio Lower Upper
139 100
109 62.3 43.3 83.3
65 108.1 91.0 131.0





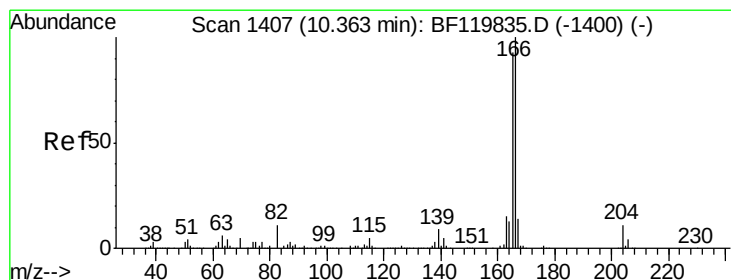
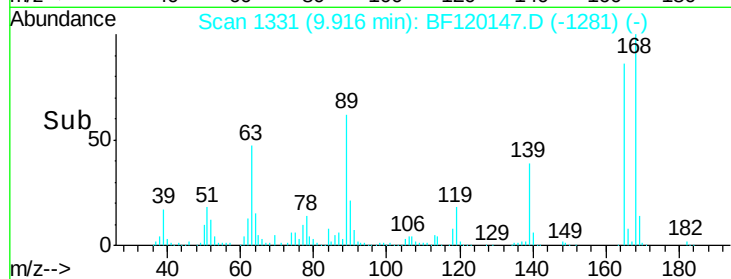
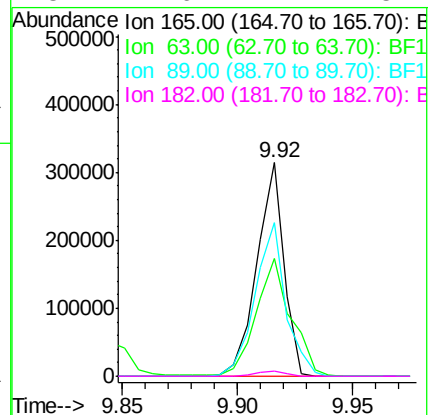
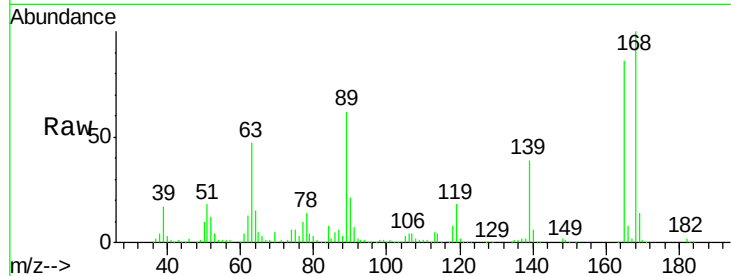
#57
 2,4-Dinitrotoluene
 Concen: 43.07 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	257850		
63	55.4	42.6	64.0	
89	72.0	61.0	91.4	
182	2.6	2.2	3.2	

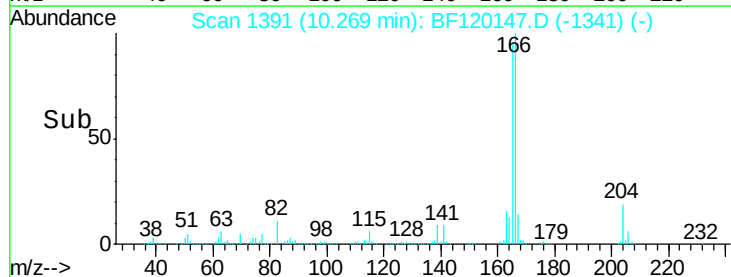
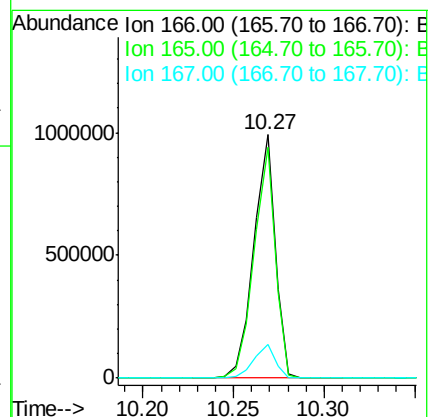
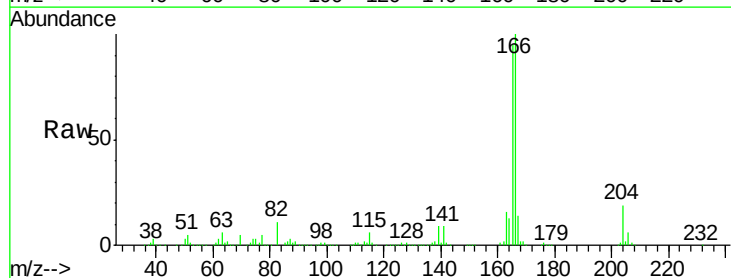
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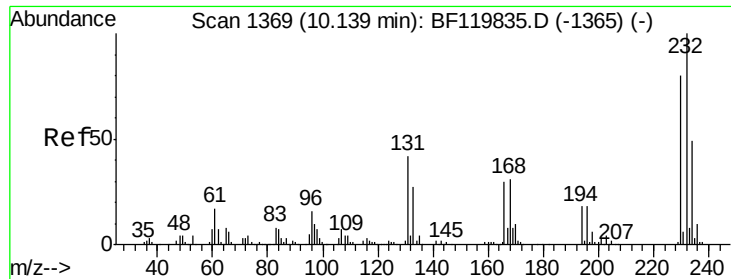
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#58
 Fluorene
 Concen: 42.20 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	819430		
165	94.7	75.4	113.2	
167	13.6	11.2	16.8	





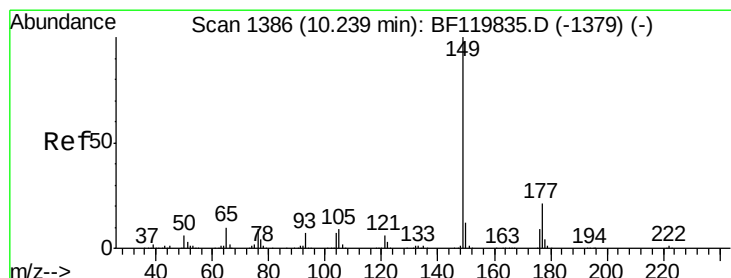
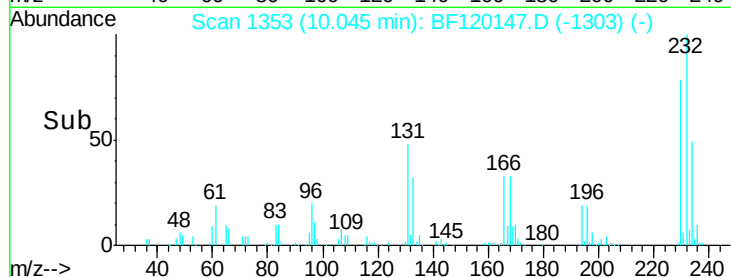
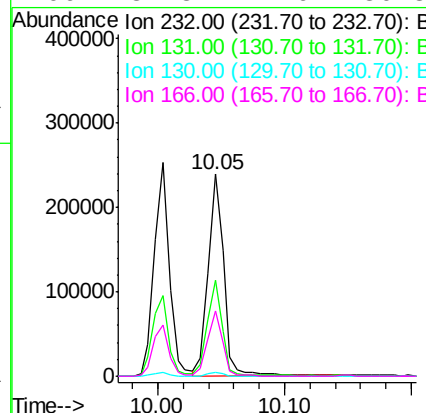
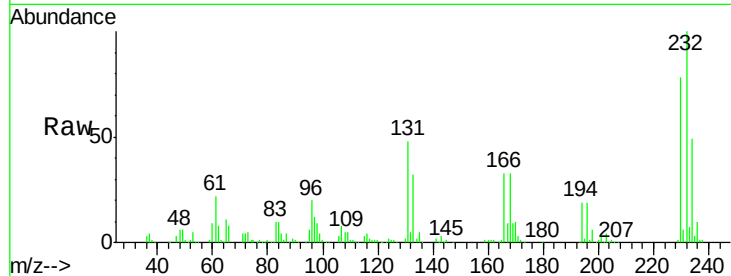
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.58 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	204492		
131	46.3	37.5	56.3	
130	2.0	1.8	2.6	
166	31.3	24.6	36.8	

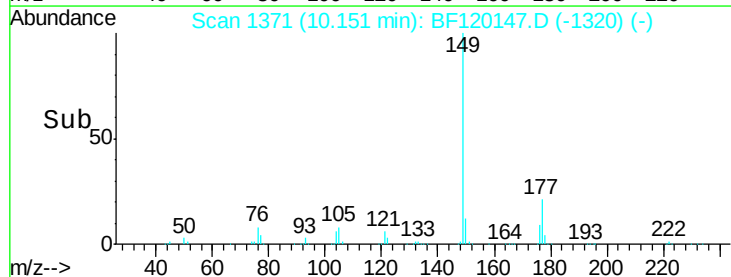
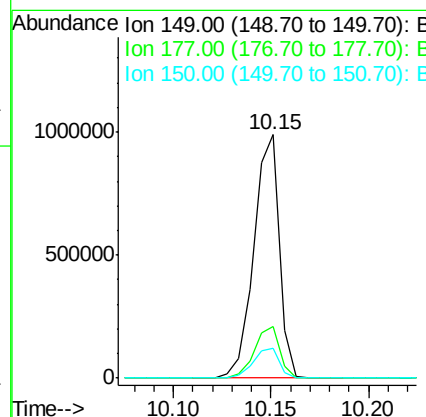
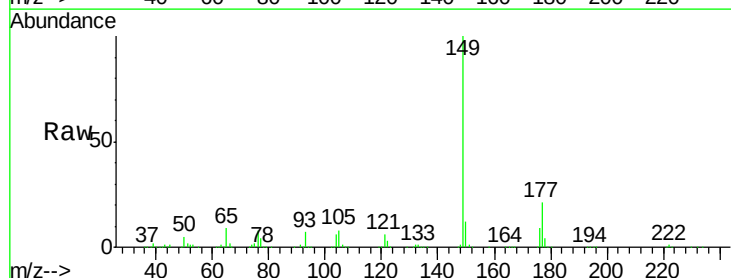
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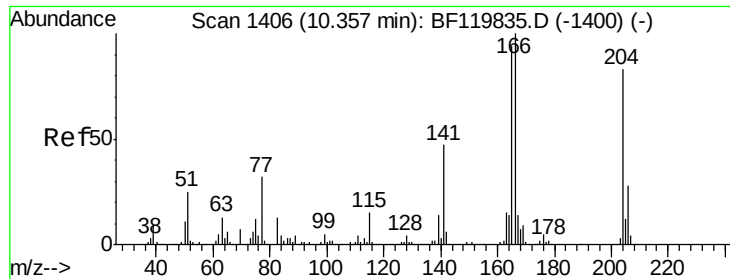
mohammad
 4/24/2020 4:18:06 AM



#60
 Diethylphthalate
 Concen: 41.57 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	893894		
177	21.0	17.0	25.6	
150	12.1	10.1	15.1	





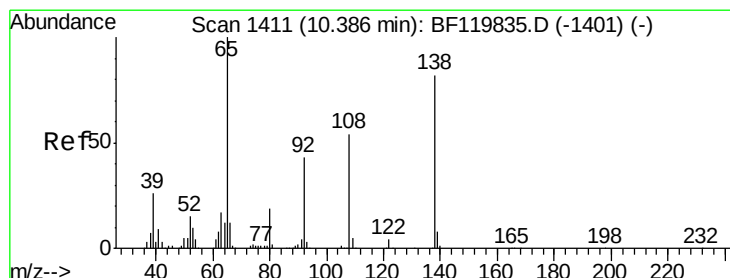
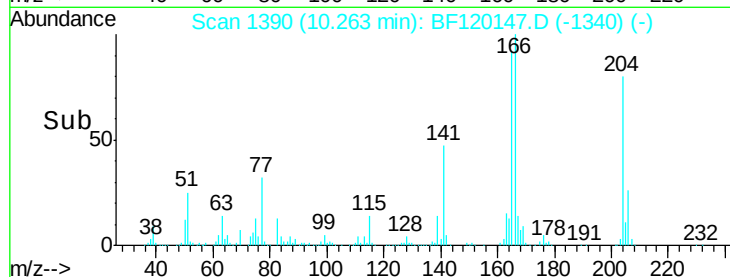
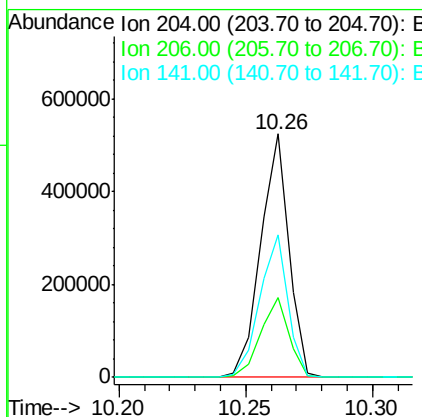
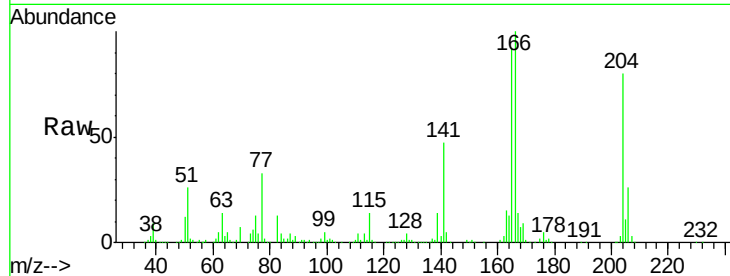
#61
4-Chlorophenyl-phenylether
Concen: 41.19 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	409998		
206	32.7	26.7	40.1	
141	58.3	47.3	70.9	

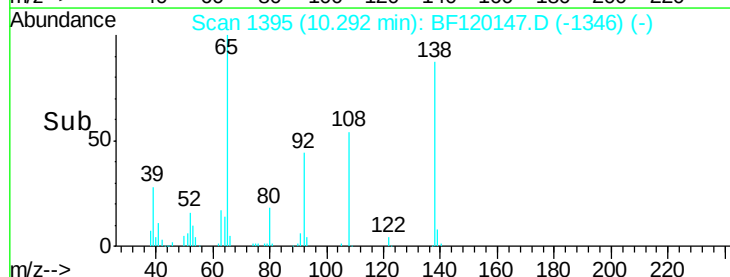
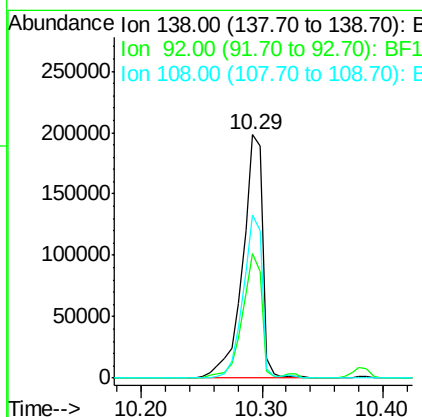
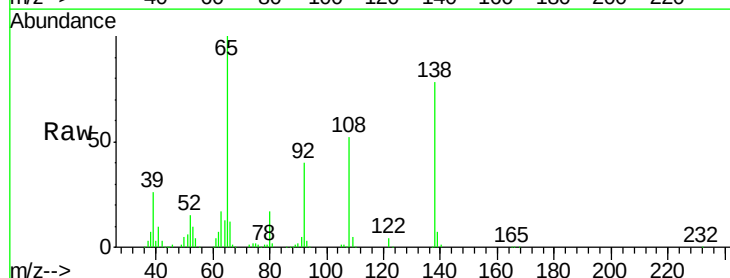
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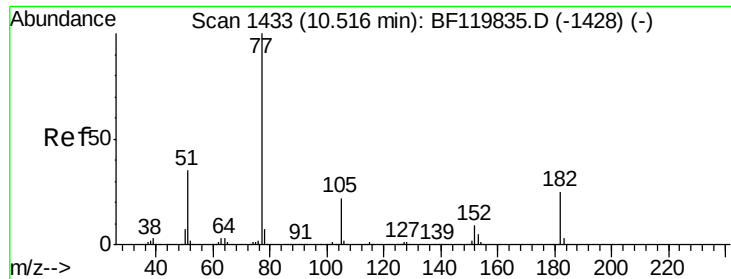
mohammad
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#62
4-Nitroaniline
Concen: 46.47 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	229799		
92	51.1	31.5	71.5	
108	66.9	45.8	85.8	





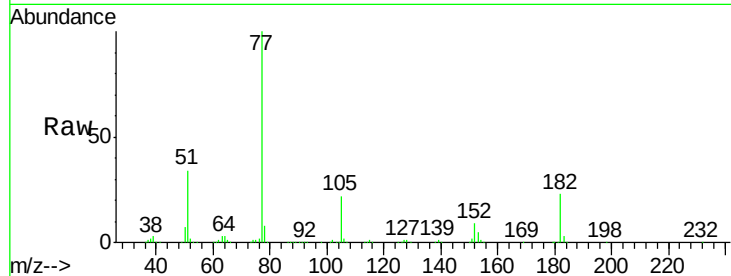
#63
Azobenzene
Concen: 43.51 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

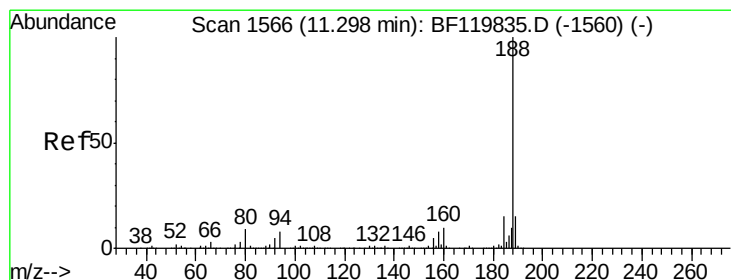
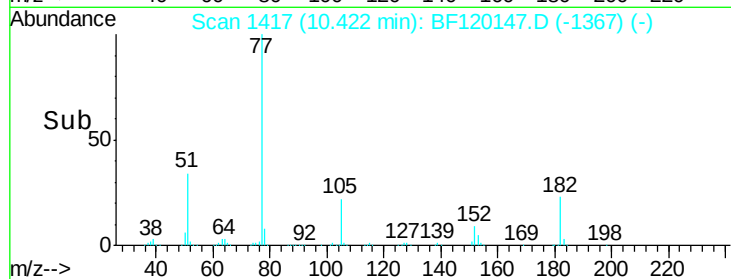
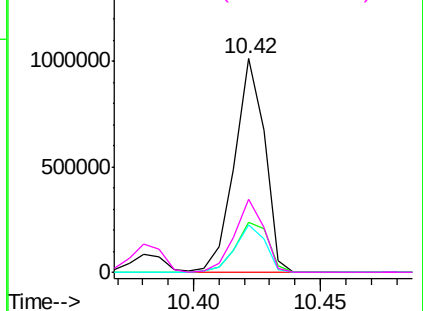
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	838491		
182	23.3	4.4	44.4	
105	22.4	2.6	42.6	
51	33.9	15.1	55.1	

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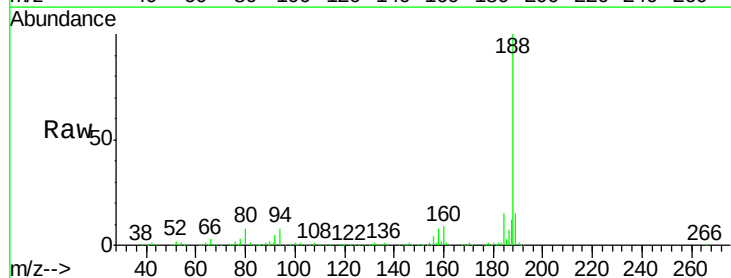


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

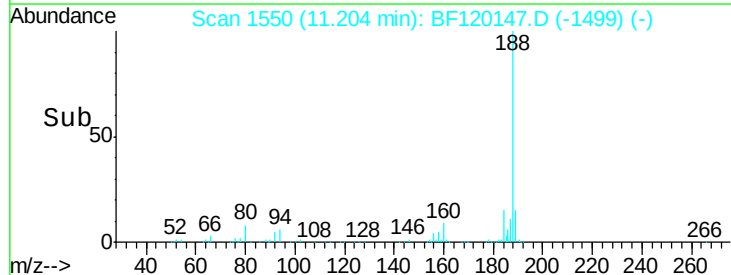
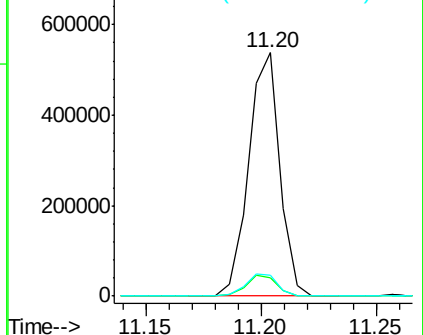


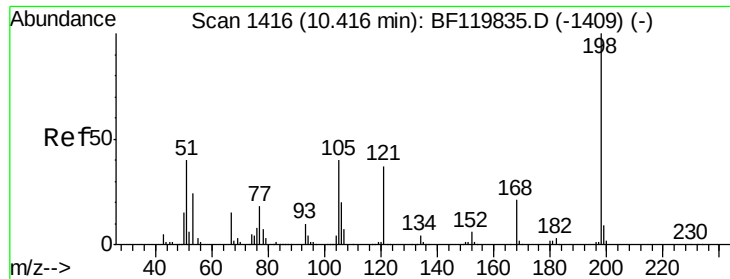
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	506699		
94	7.6	7.5	11.3	
80	8.4	9.0	13.4#	



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





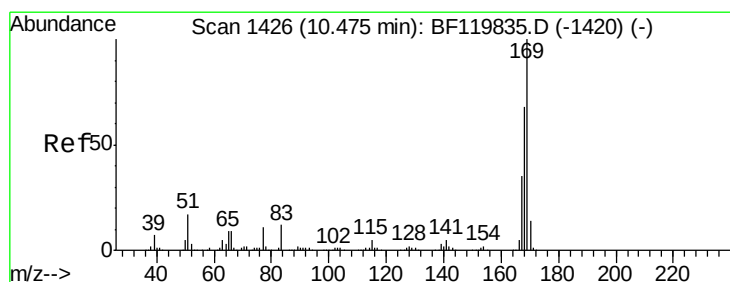
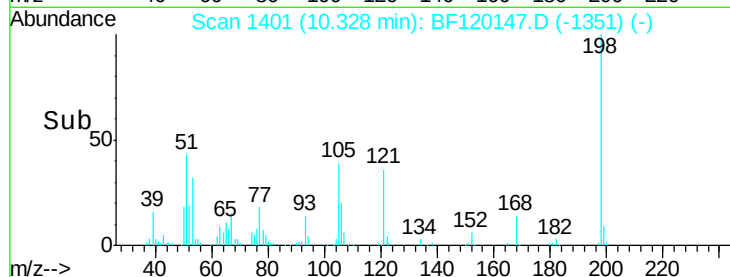
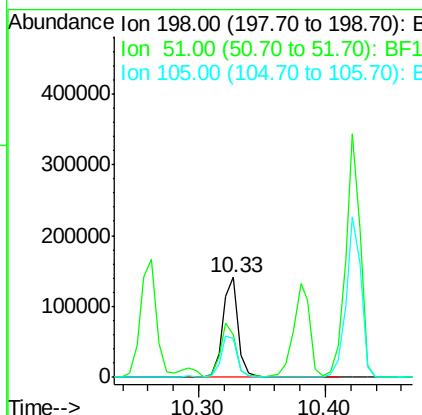
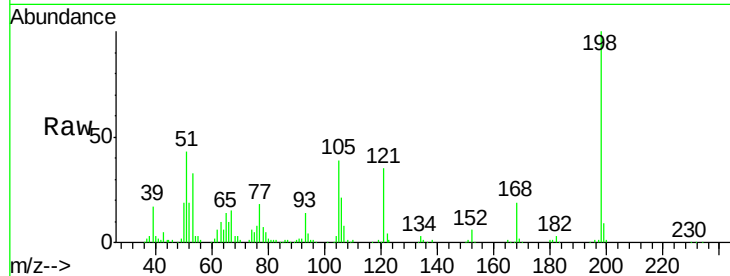
#65
4,6-Dinitro-2-methylphenol
Concen: 35.95 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	120002		
51	43.0	29.0	69.0	
105	38.6	22.2	62.2	

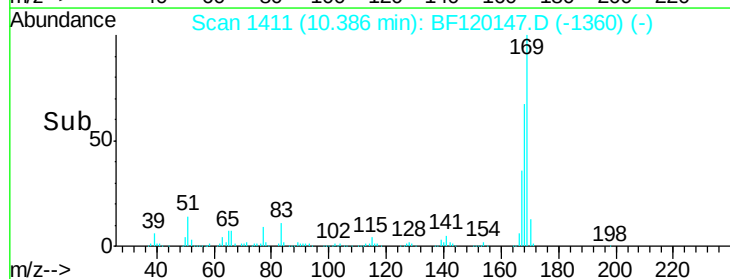
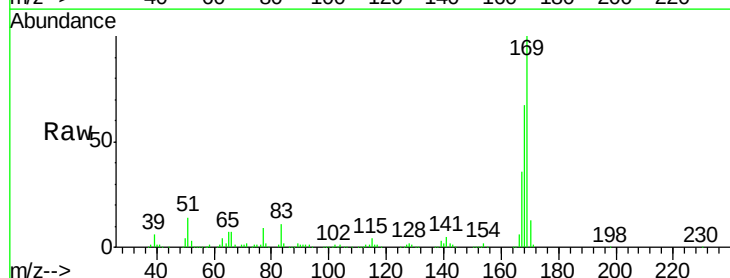
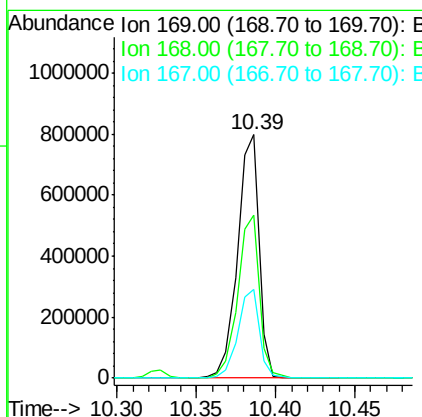
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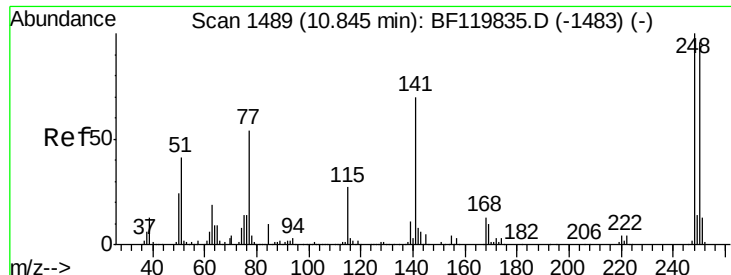
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#66
n-Nitrosodiphenylamine
Concen: 44.42 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	748491		
168	66.8	53.2	79.8	
167	36.3	29.1	43.7	





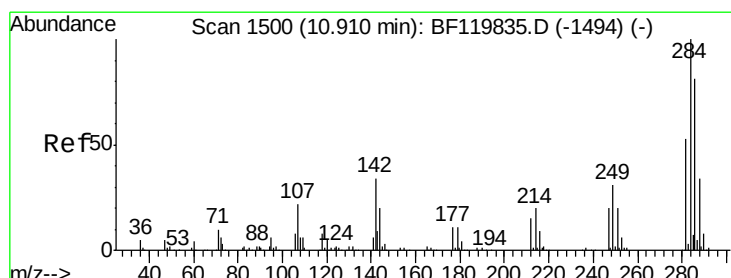
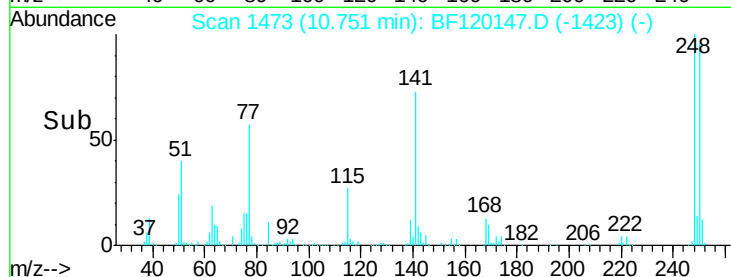
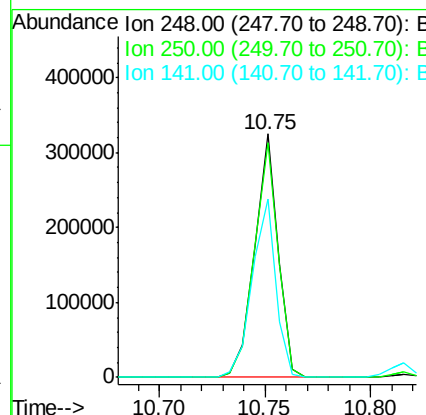
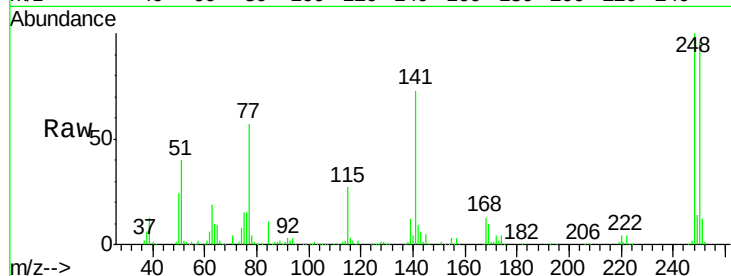
#67
 4-Bromophenyl-phenylether
 Concen: 40.00 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.3	115.9
141	73.3	58.6	87.8

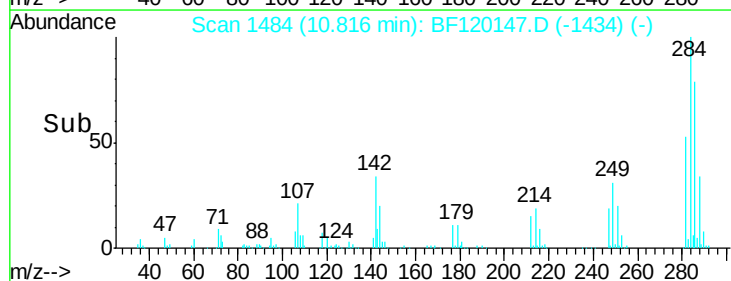
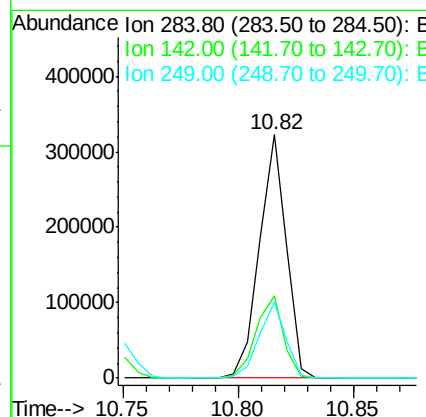
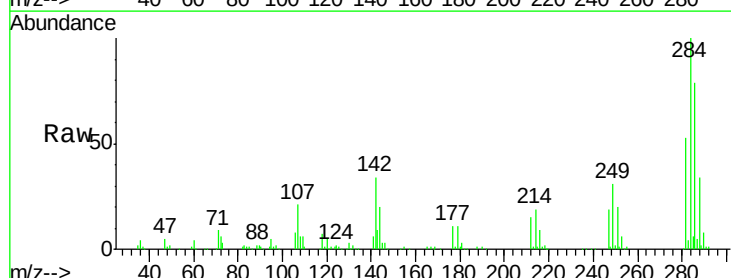
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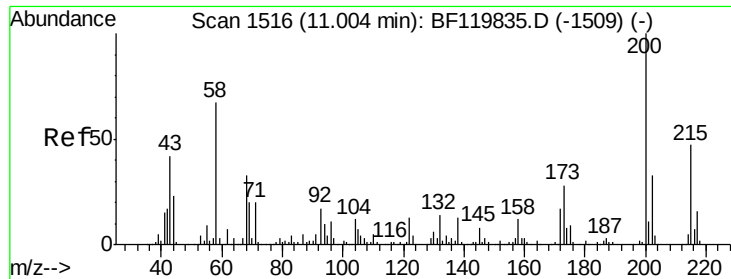
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.15 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	29.2	43.8
249	31.3	25.1	37.7





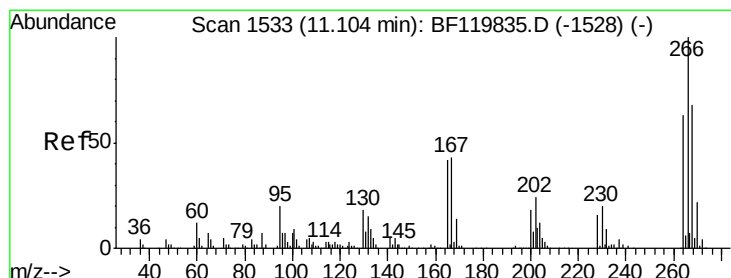
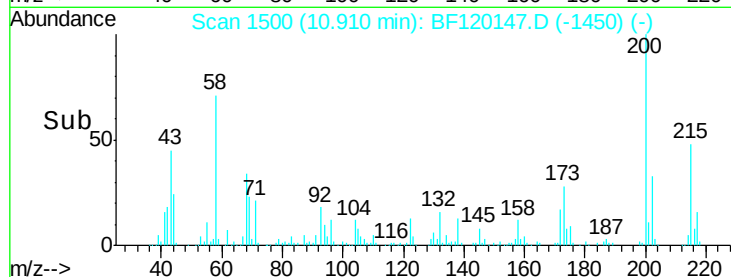
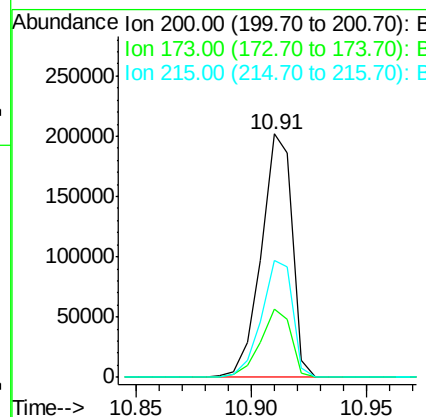
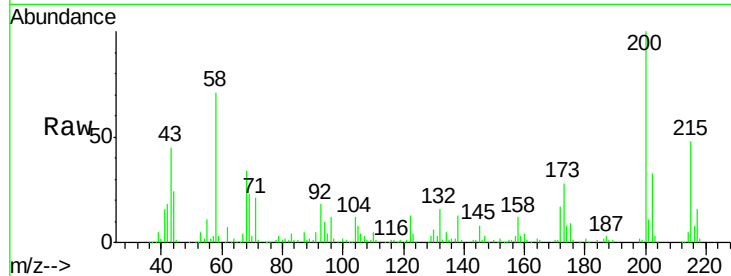
#69
 Atrazine
 Concen: 40.18 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	9.3	49.3
215	48.0	29.5	69.5

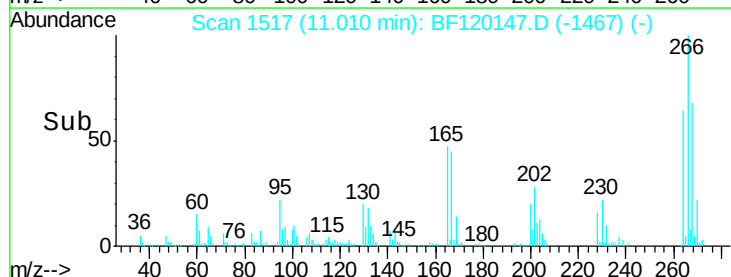
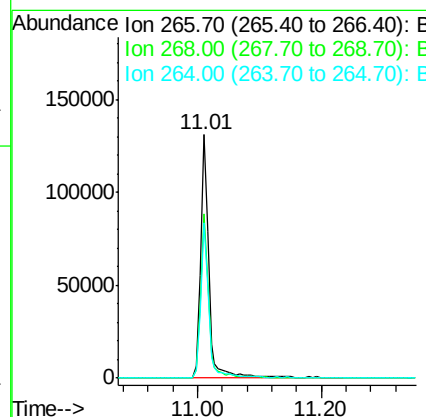
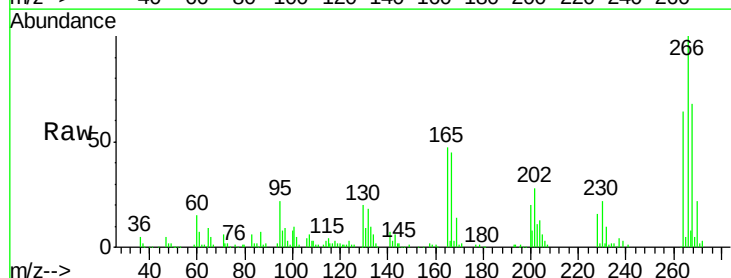
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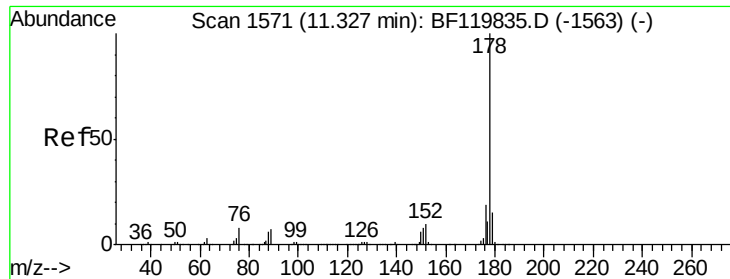
mohammad
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#70
 Pentachlorophenol
 Concen: 32.51 ng m
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	53.3	79.9
264	63.9	49.0	73.4





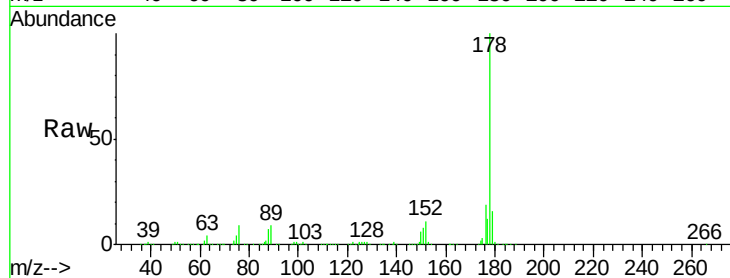
#71
Phenanthrene
Concen: 44.06 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

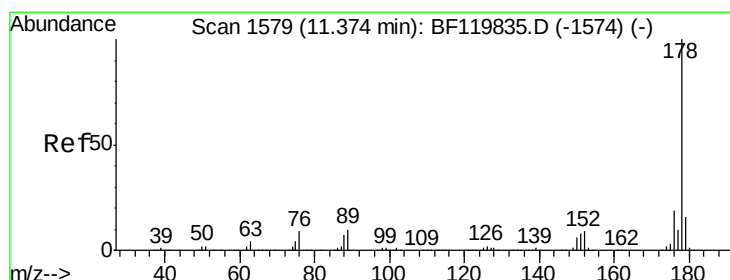
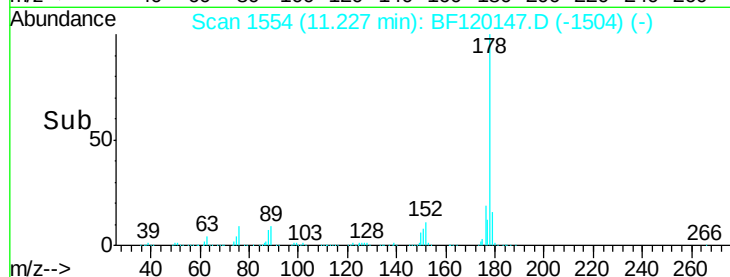
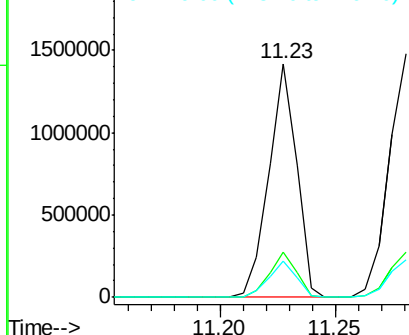
Tgt Ion:178 Resp: 1188221
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.7 13.2 19.8

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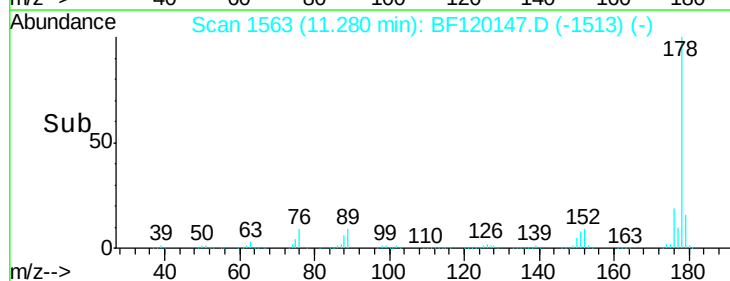
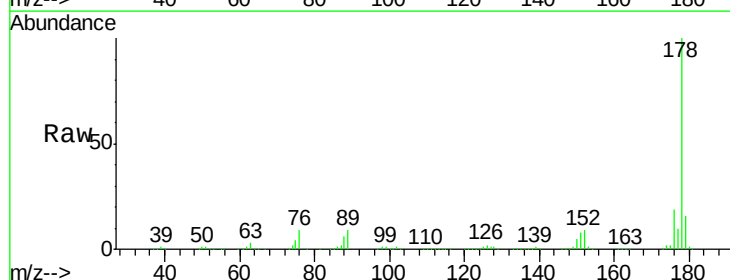
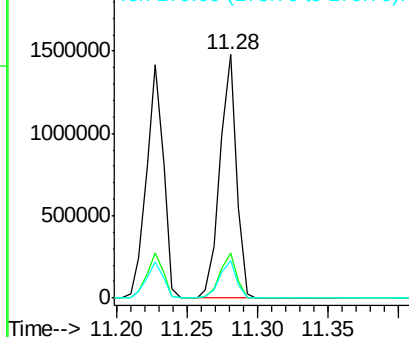
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

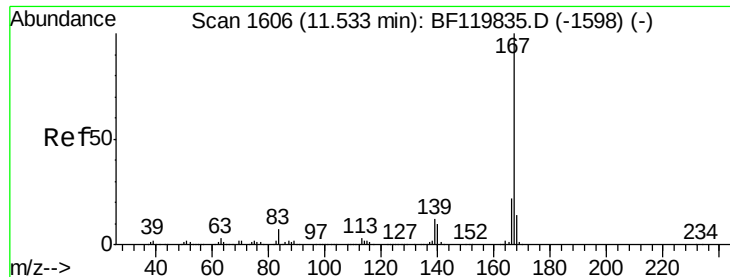


#72
Anthracene
Concen: 43.89 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion:178 Resp: 1209104
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





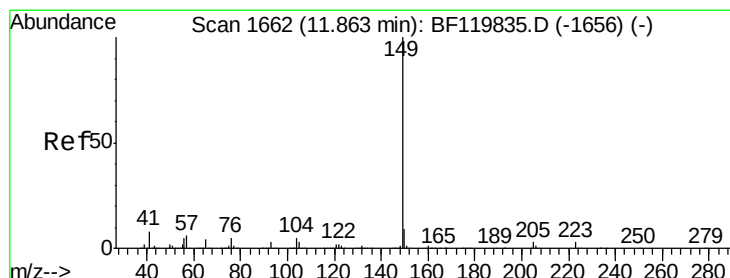
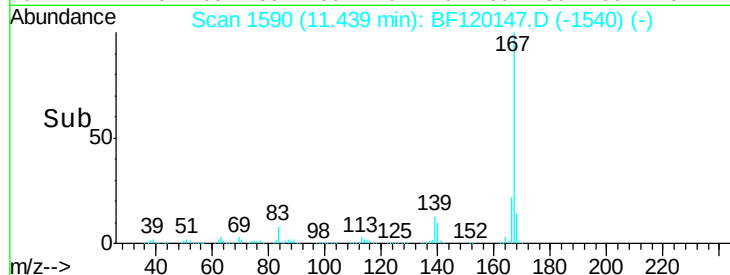
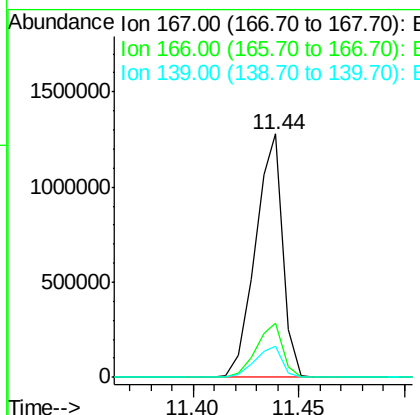
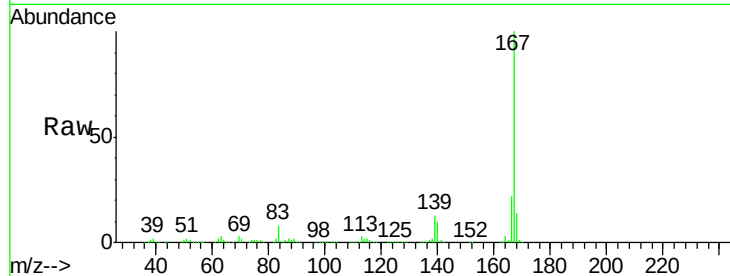
#73
 Carbazole
 Concen: 44.05 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1147629
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 12.8 10.7 16.1

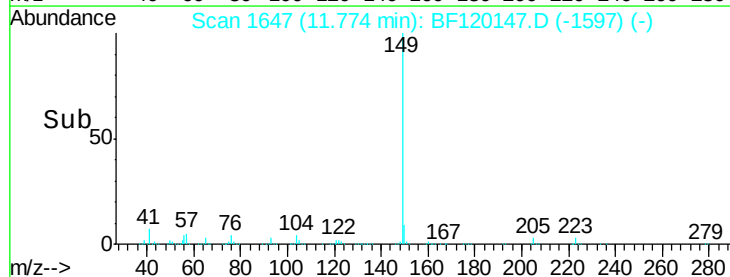
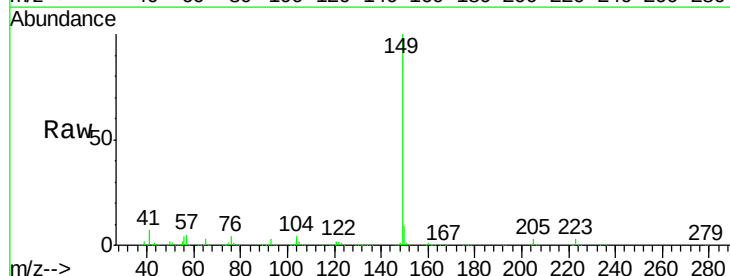
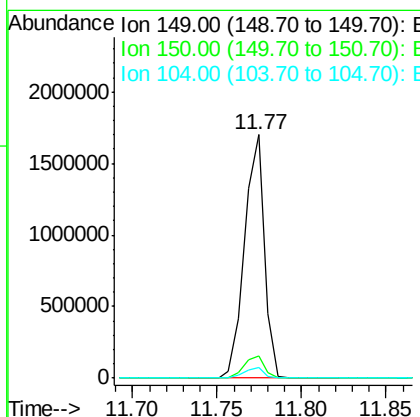
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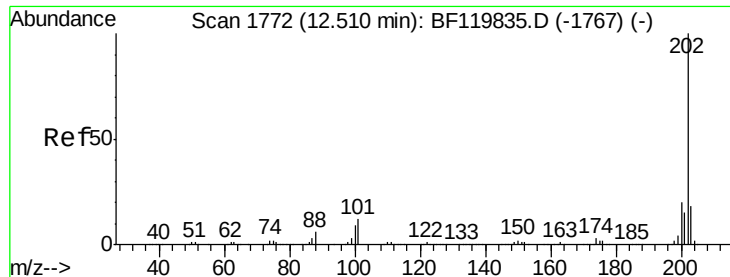
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#74
 Di-n-butylphthalate
 Concen: 40.95 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion:149 Resp: 1402276
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.2 3.6 5.4





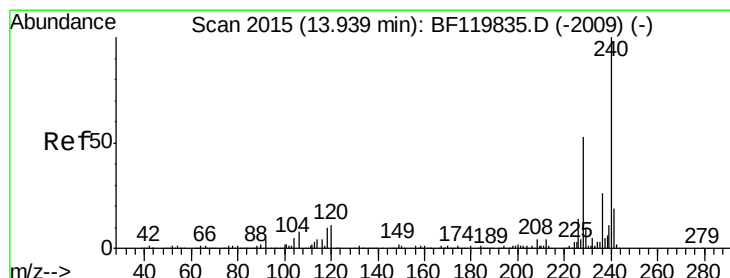
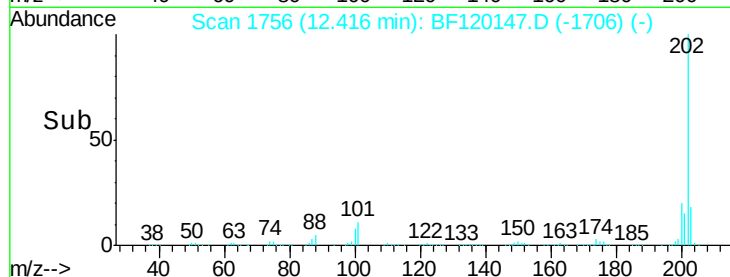
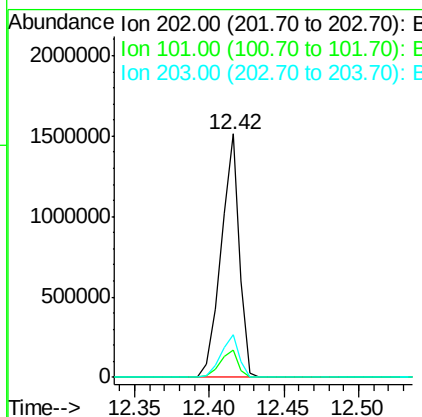
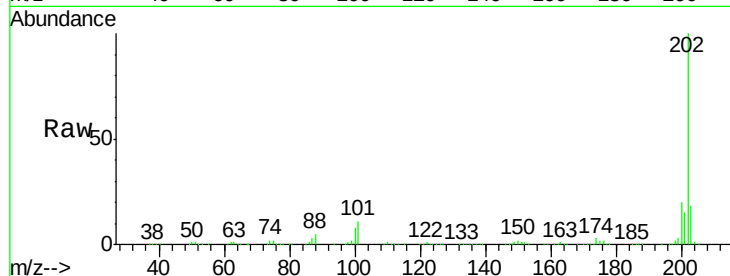
#75
 Fluoranthene
 Concen: 44.59 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.2
203	17.6	0.0	38.8

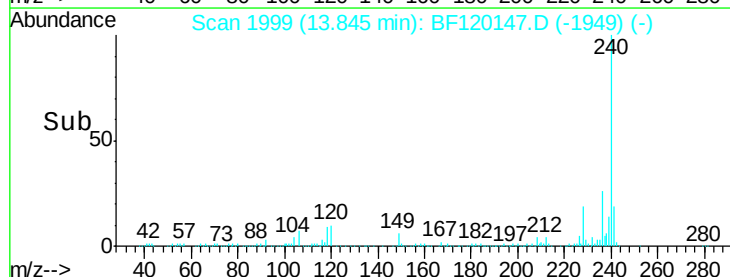
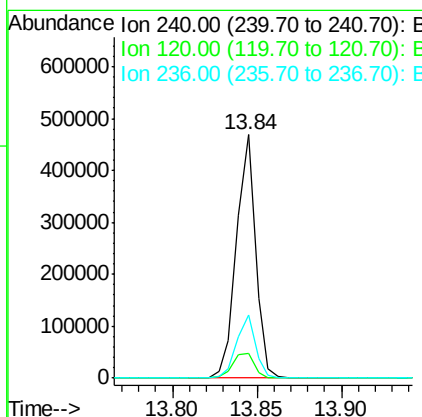
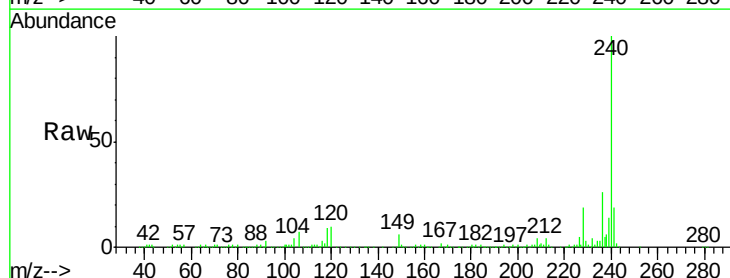
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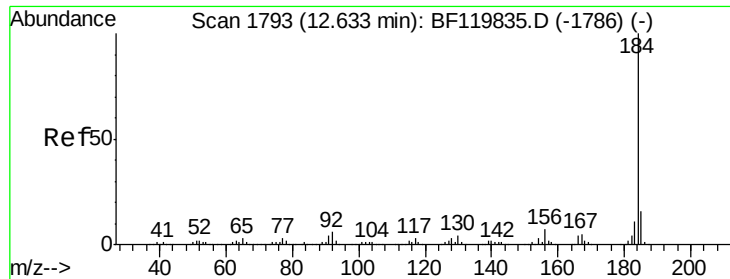
mohammad
 4/24/2020 4:18:06 AM



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.6	15.8#
236	26.0	20.2	30.2





#77

Benzidine

Concen: 32.40 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

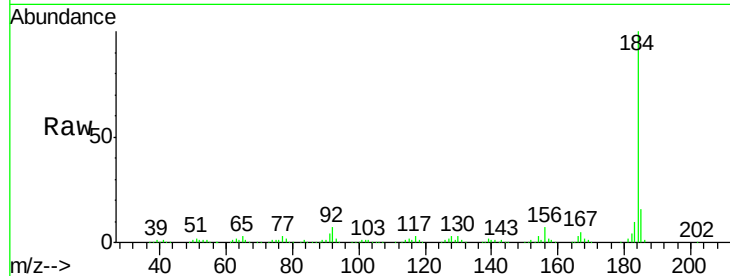
ClientSampleId :

SSTDCCC040

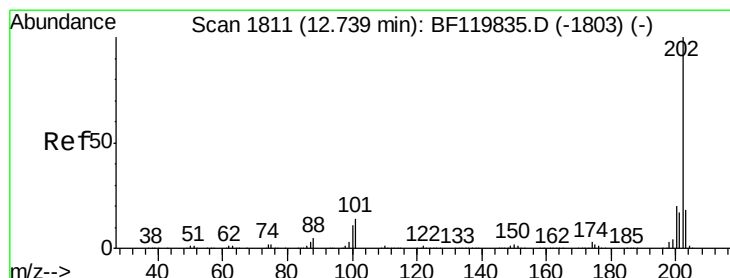
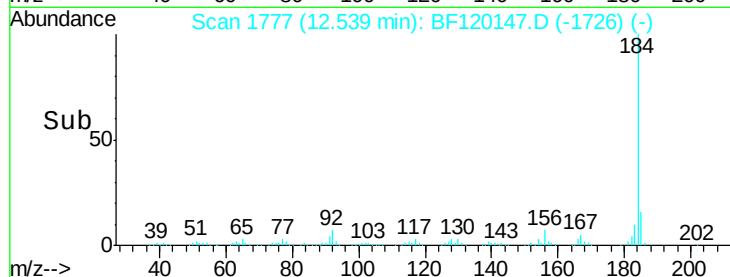
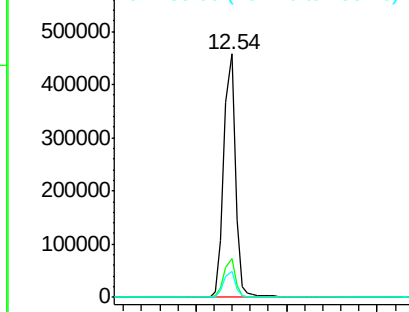
Tgt Ion:	184	Resp:	403570
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.3	18.5
183	10.5	9.0	13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.49 ng

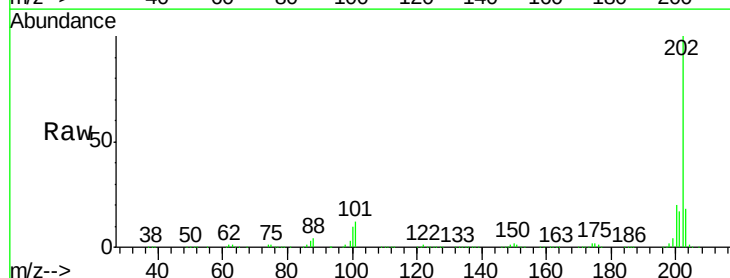
RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

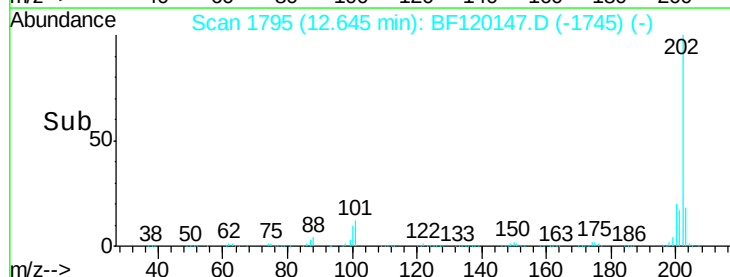
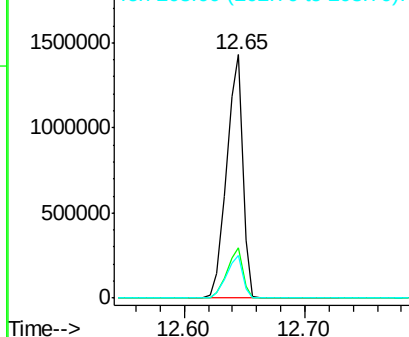
Lab File: BF120147.D

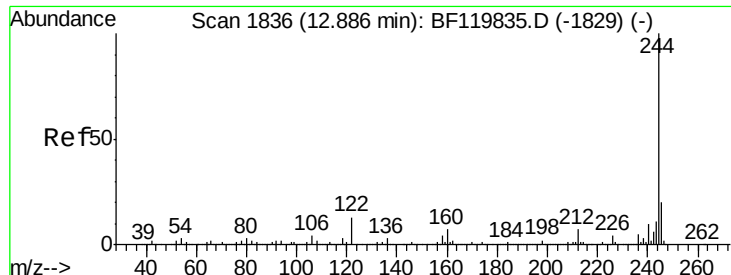
Acq: 23 Apr 2020 2:29

Tgt Ion:	202	Resp:	1319920
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	17.6	15.1	22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





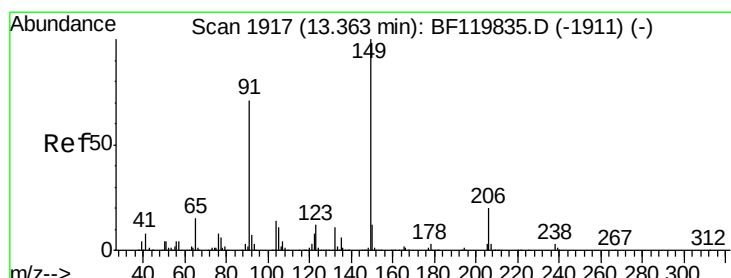
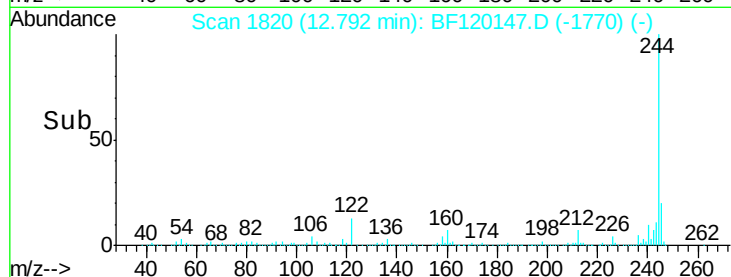
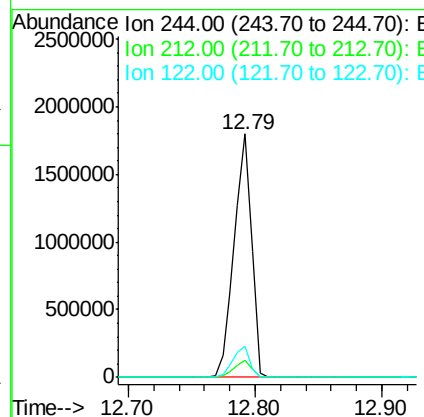
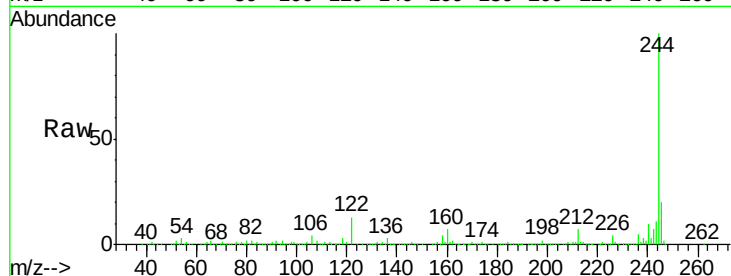
#79
 Terphenyl-d14
 Concen: 78.00 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 244 Resp: 1708004
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.7 10.3 15.5

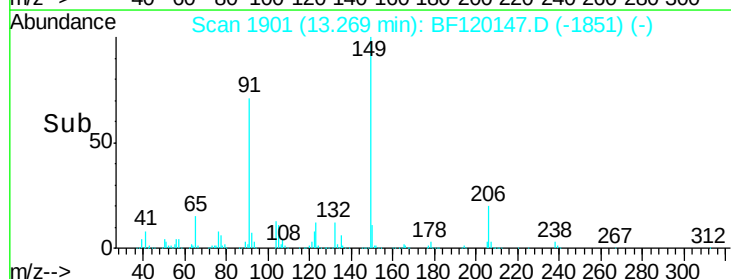
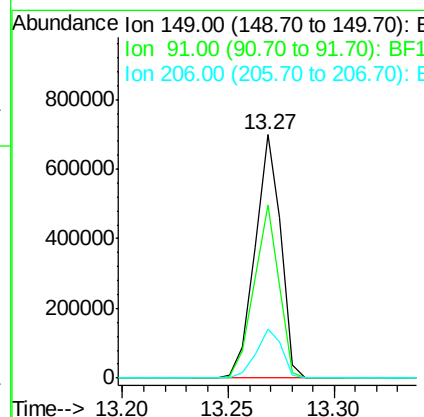
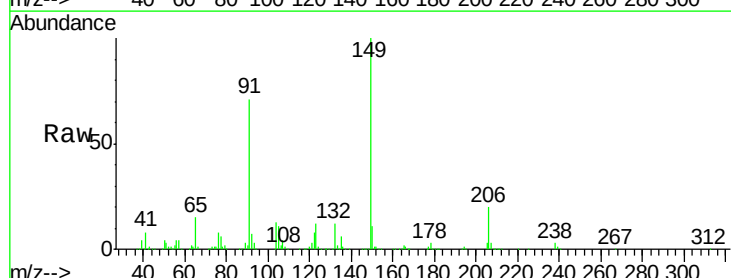
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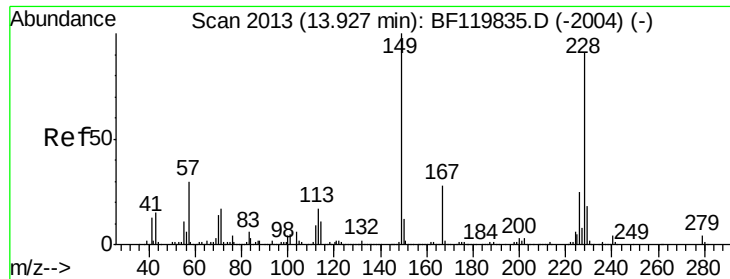
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.14 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF120147.D
 Acq: 23 Apr 2020 2:29

Tgt Ion: 149 Resp: 589878
 Ion Ratio Lower Upper
 149 100
 91 70.9 54.7 82.1
 206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 43.89 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1063818

Ion Ratio Lower Upper

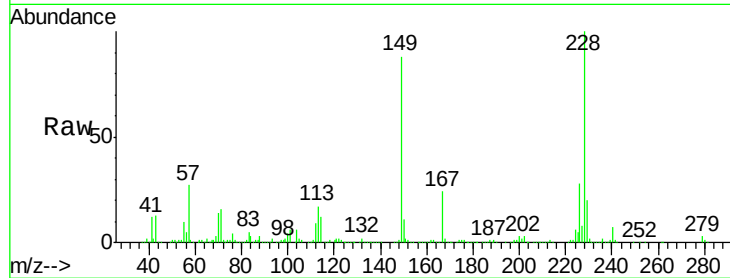
228 100

226 27.7 21.8 32.8

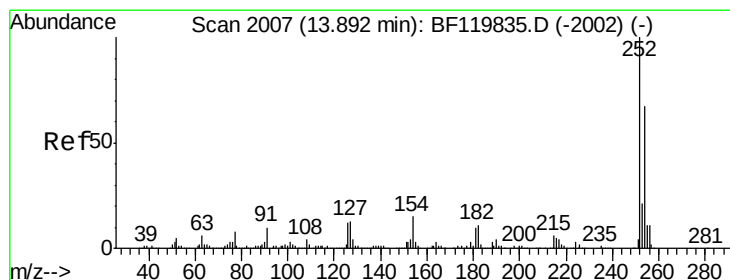
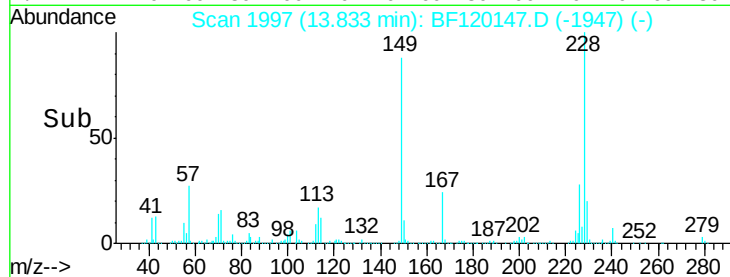
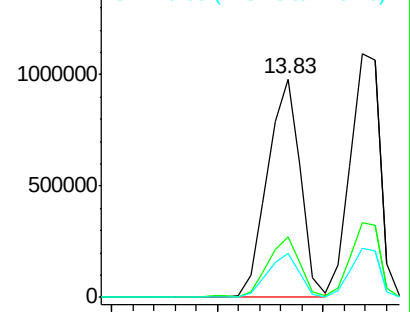
229 20.2 16.2 24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.74 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

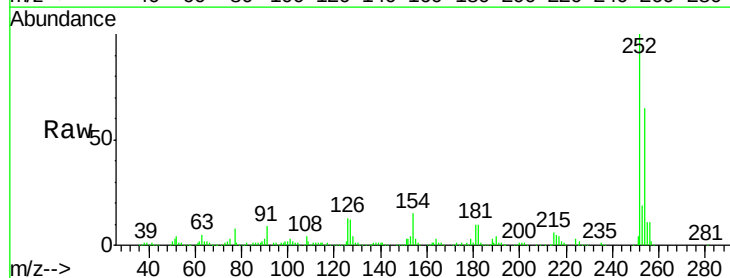
Tgt Ion:252 Resp: 368476

Ion Ratio Lower Upper

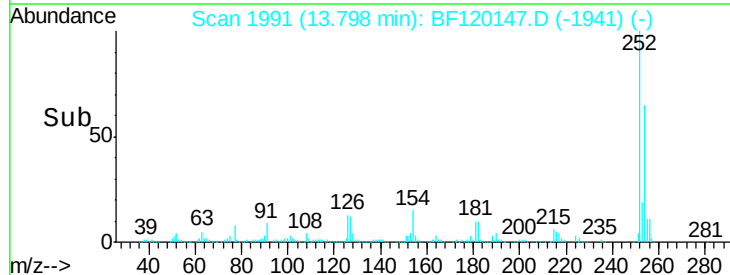
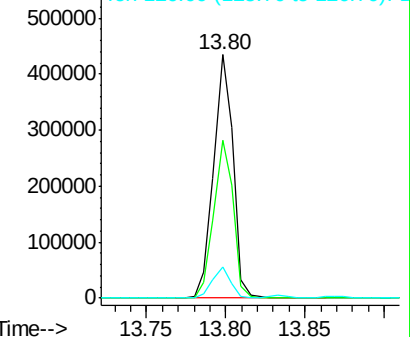
252 100

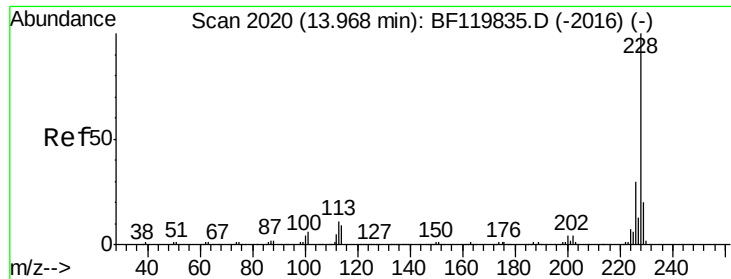
254 64.9 51.2 76.8

126 12.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





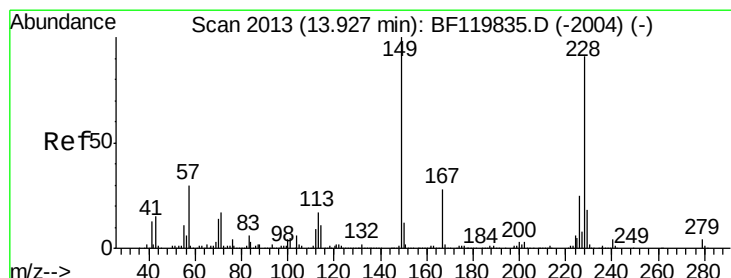
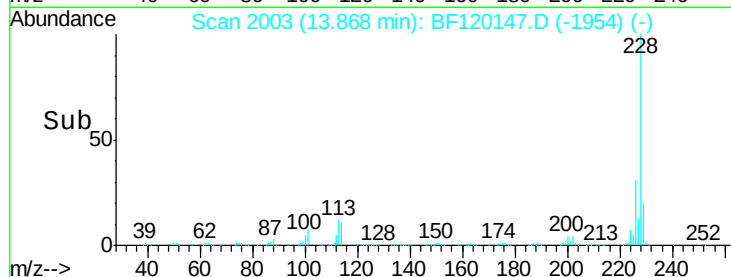
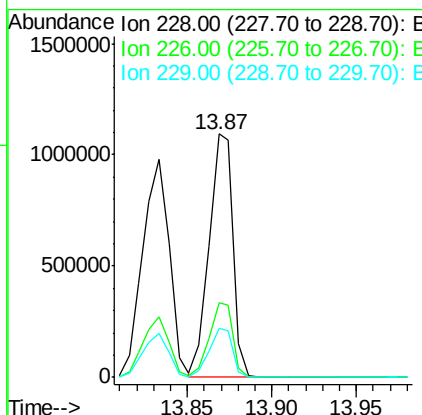
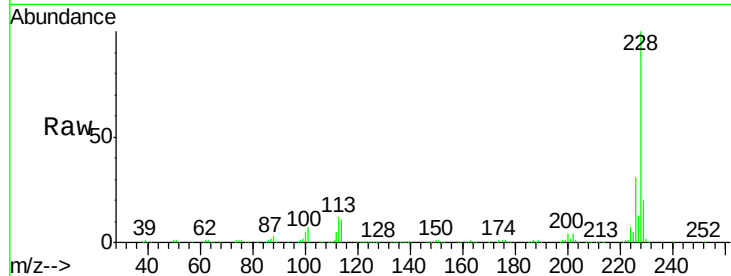
#83
Chrysene
Concen: 43.85 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tgt Ion: 228 Resp: 1079939
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 20.2 16.6 24.8

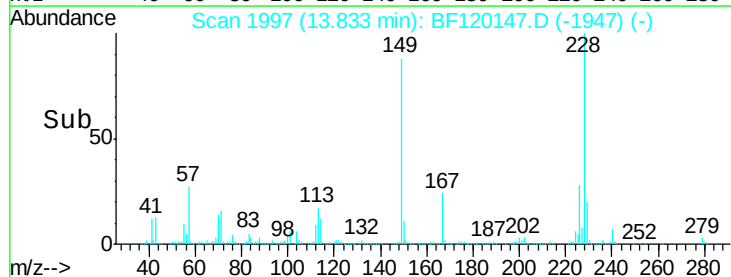
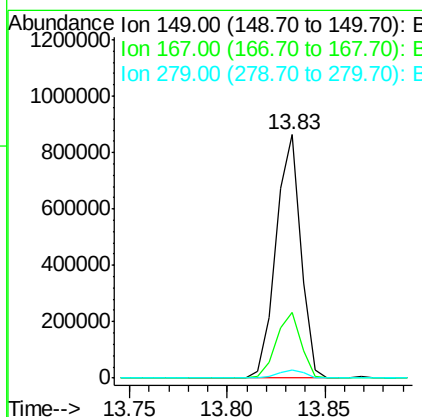
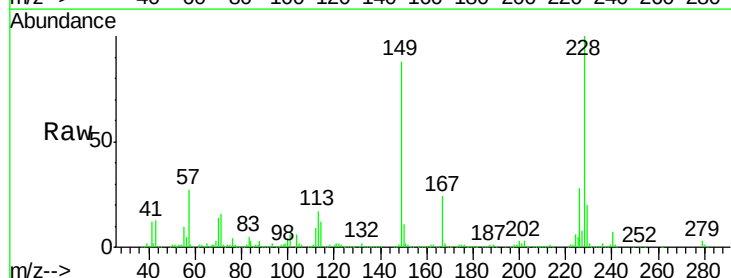
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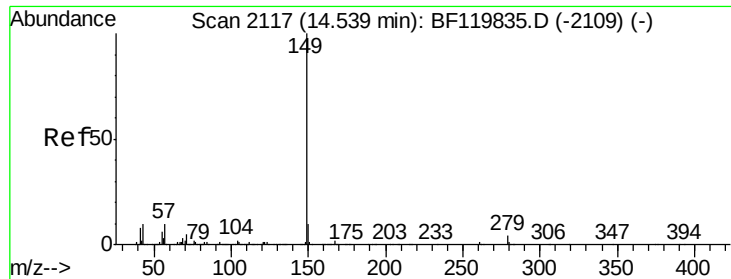
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.14 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion: 149 Resp: 758000
Ion Ratio Lower Upper
149 100
167 27.1 21.3 31.9
279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 37.14 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF120147.D

Acq: 23 Apr 2020 2:29

Instrument :

BNA_F

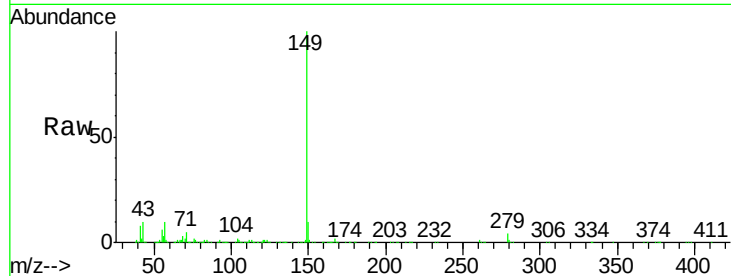
ClientSampleId :

SSTDCCC040

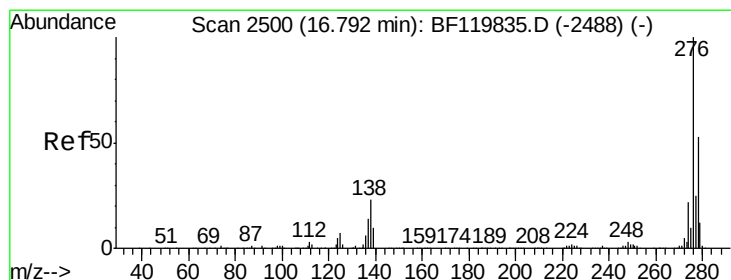
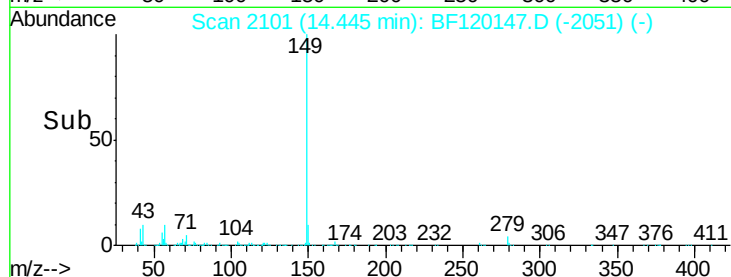
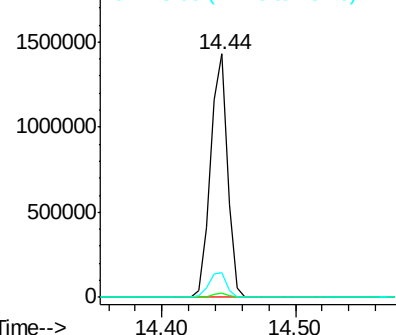
Tgt Ion:	149	Resp:	1290673
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.1	9.3	13.9

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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

Indeno(1,2,3-cd)pyrene

Concen: 40.96 ng

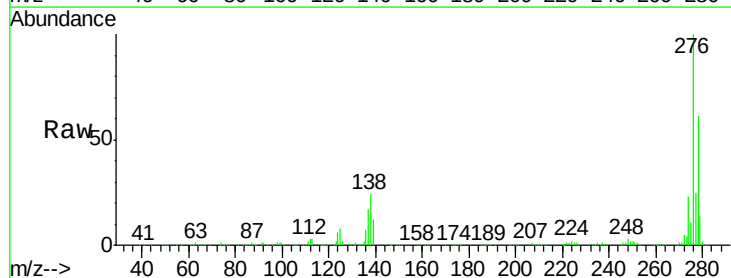
RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

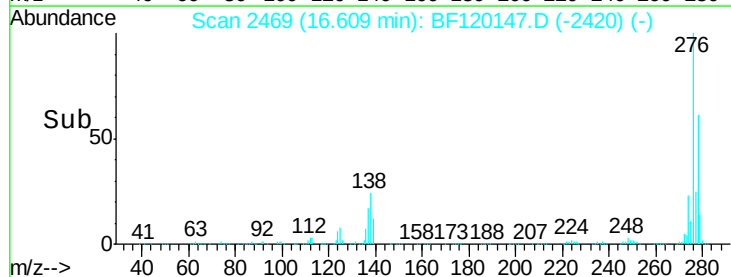
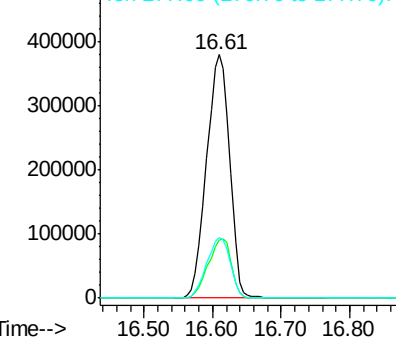
Lab File: BF120147.D

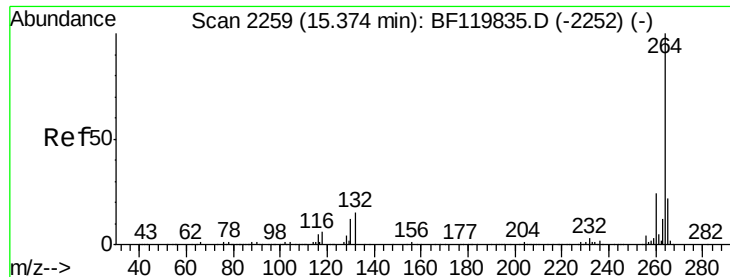
Acq: 23 Apr 2020 2:29

Tgt Ion:	276	Resp:	889258
Ion Ratio	Lower	Upper	
276	100		
138	24.6	19.6	29.4
277	25.1	20.0	30.0



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





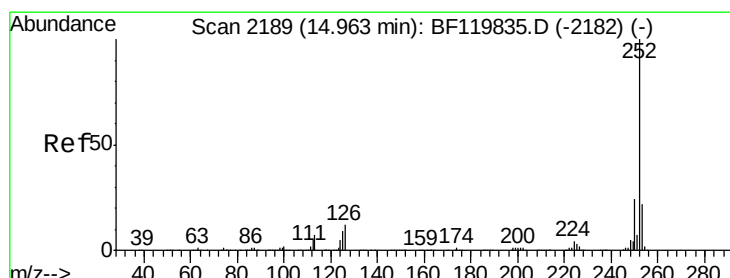
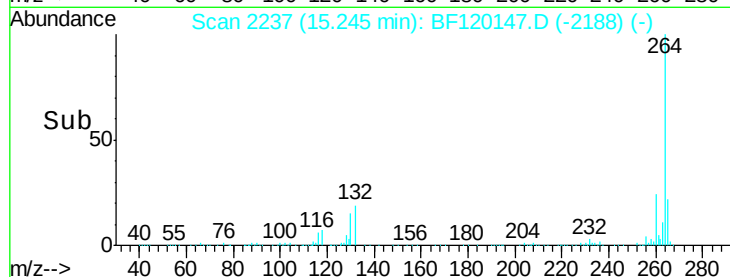
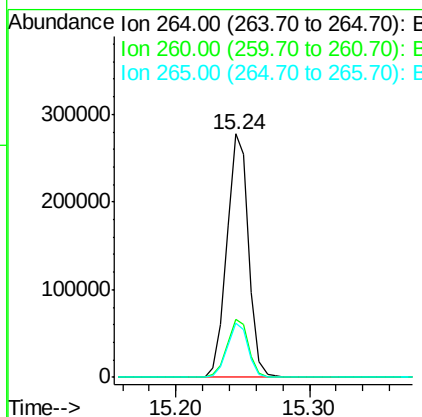
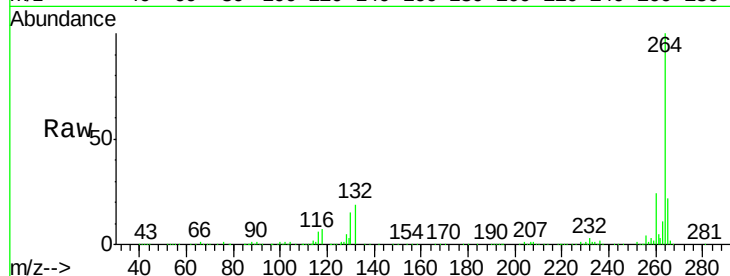
#87
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	318499		
260	23.8	18.7	28.1	
265	22.5	17.7	26.5	

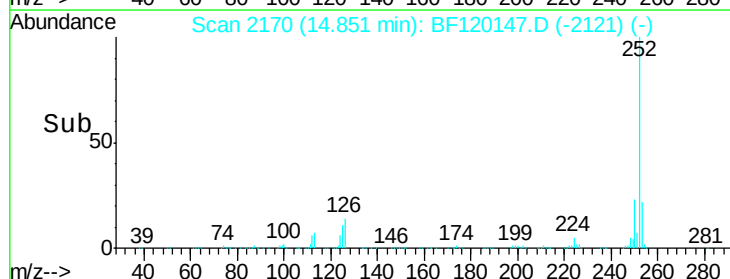
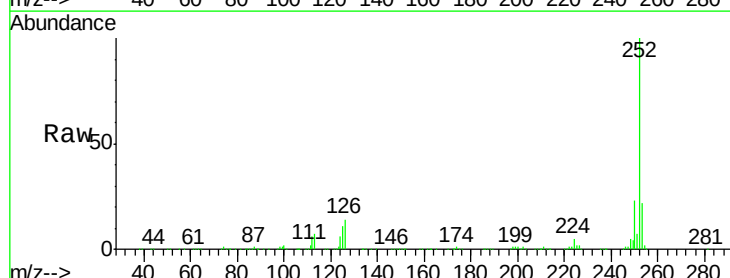
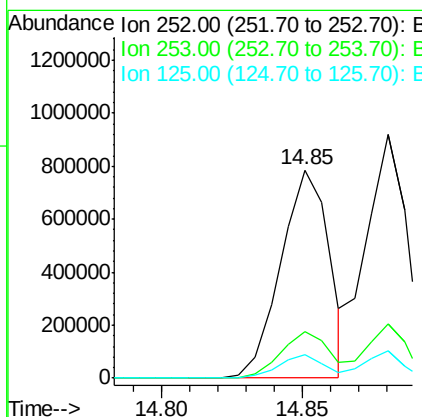
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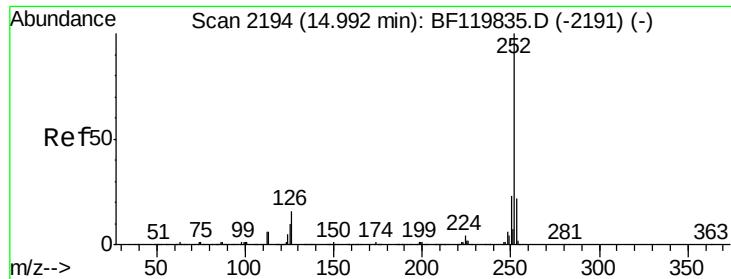
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.77 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	934238		
253	22.2	17.4	26.0	
125	11.0	7.9	11.9	





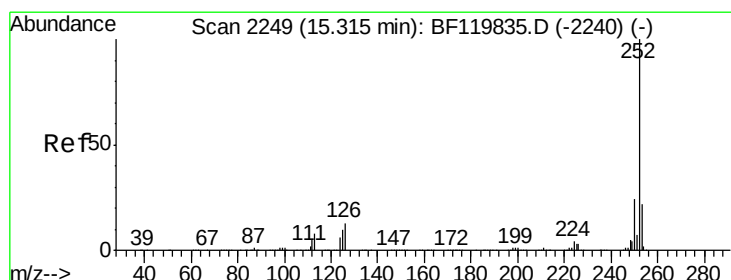
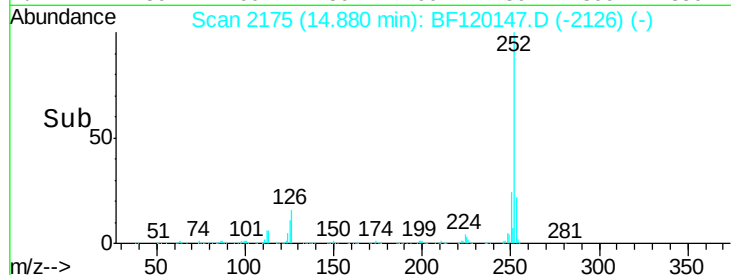
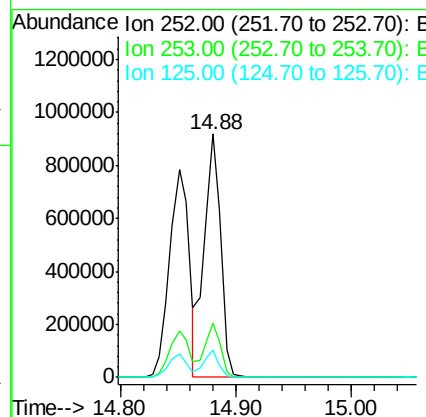
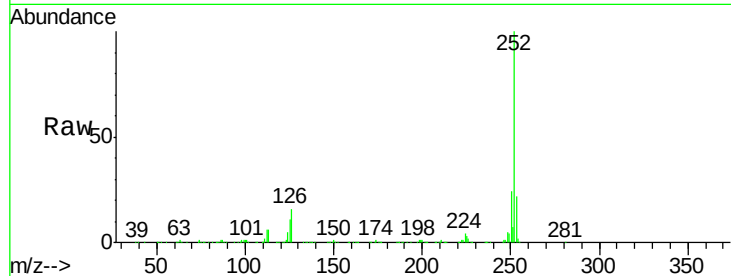
#89
Benzo(k)fluoranthene
Concen: 46.50 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.1	8.4	12.6

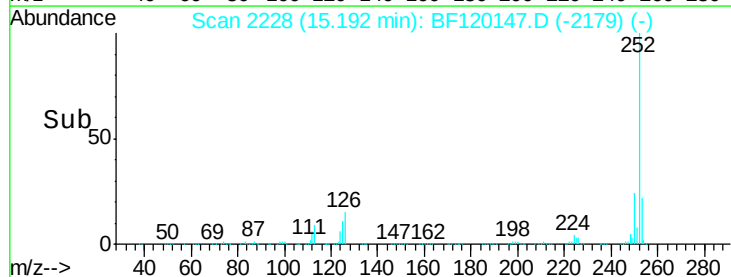
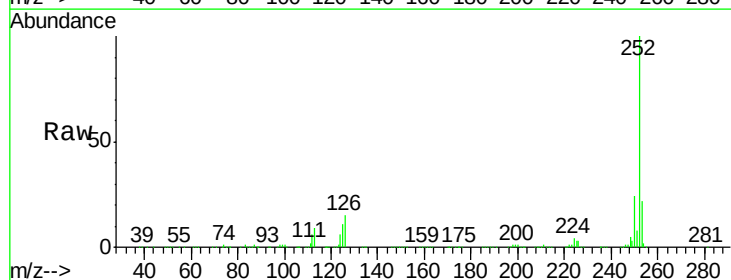
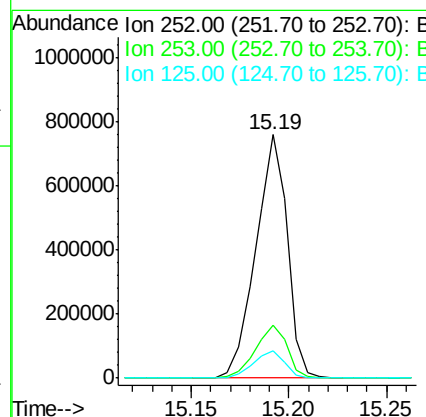
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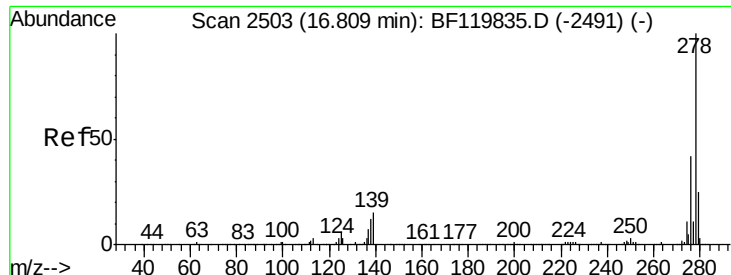
mohammad
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#90
Benzo(a)pyrene
Concen: 43.91 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.01 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.3	9.4	14.2





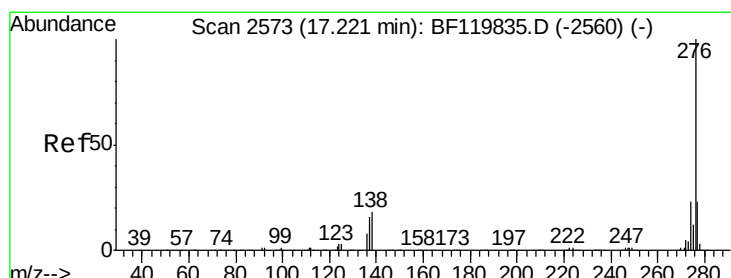
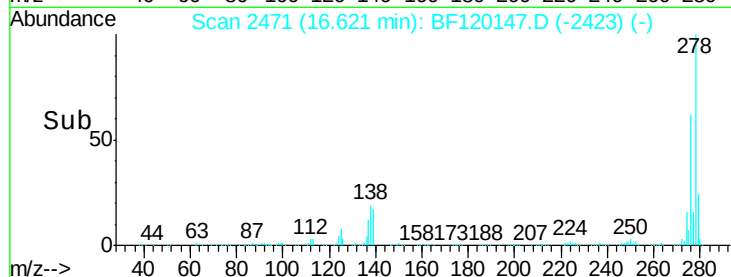
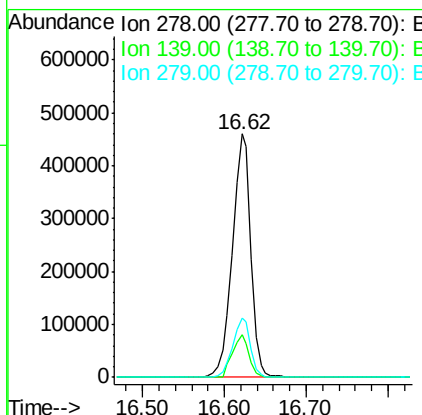
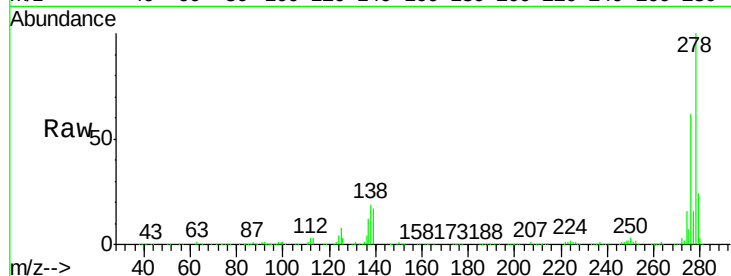
#91
Dibenzo(a,h)anthracene
Concen: 42.40 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.6	19.0
279	24.2	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 42.27 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF120147.D
Acq: 23 Apr 2020 2:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	21.5	15.4	23.0

