

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119890.D
 Acq On : 10 Apr 2020 13:15
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/14/2020 3:38:58 PM

Quant Time: Apr 11 05:27:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192586	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	705111	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	367978	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	698128	20.00	ng	0.00
76) Chrysene-d12	13.93	240	480320	20.00	ng	0.00
87) Perylene-d12	15.36	264	407027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	959177	86.07	ng	0.00
7) Phenol-d6	6.39	99	1230182	85.67	ng	0.00
23) Nitrobenzene-d5	7.32	82	1144080	83.94	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	375570	83.36	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2102265	81.11	ng	0.00
79) Terphenyl-d14	12.87	244	2212633	77.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	208508	42.009	ng	99
3) Pyridine	3.13	79	578917	42.511	ng	99
4) n-Nitrosodimethylamine	3.09	42	281659	40.480	ng	94
6) Aniline	6.42	93	808194	42.882	ng	99
8) 2-Chlorophenol	6.54	128	529078	42.492	ng	96
9) Benzaldehyde	6.30	77	334812	46.671	ng	98
10) Phenol	6.40	94	694178	42.612	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	524202	41.675	ng	96
12) 1,3-Dichlorobenzene	6.69	146	572691	42.012	ng	98
13) 1,4-Dichlorobenzene	6.77	146	571658	41.168	ng	98
14) 1,2-Dichlorobenzene	6.93	146	543462	42.467	ng	97
15) Benzyl Alcohol	6.90	79	471511	42.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	982938	40.158	ng	99
17) 2-Methylphenol	7.02	107	469547	42.257	ng	99
18) Hexachloroethane	7.27	117	219205	42.240	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	378251	40.964	ng	96
20) 3+4-Methylphenols	7.17	107	575632	42.357	ng	97
22) Acetophenone	7.17	105	700038	42.397	ng	# 96
24) Nitrobenzene	7.34	77	585870	42.730	ng	98
25) Isophorone	7.58	82	1073263	40.849	ng	98
26) 2-Nitrophenol	7.66	139	294622	43.011	ng	97
27) 2,4-Dimethylphenol	7.70	122	430969	41.716	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	658207	42.573	ng	99
29) 2,4-Dichlorophenol	7.90	162	443767	41.906	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	490760	40.901	ng	99
31) Naphthalene	8.06	128	1551969	41.834	ng	100
32) Benzoic acid	7.83	122	381792	42.079	ng	97
33) 4-Chloroaniline	8.12	127	677773	41.967	ng	96
34) Hexachlorobutadiene	8.18	225	292385	40.707	ng	100
35) Caprolactam	8.49	113	136639	42.182	ng	94
36) 4-Chloro-3-methylphenol	8.60	107	483675	42.187	ng	96
37) 2-Methylnaphthalene	8.76	142	1023562	40.696	ng	98
38) 1-Methylnaphthalene	8.86	142	968765	40.865	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	469281	40.378	ng	99

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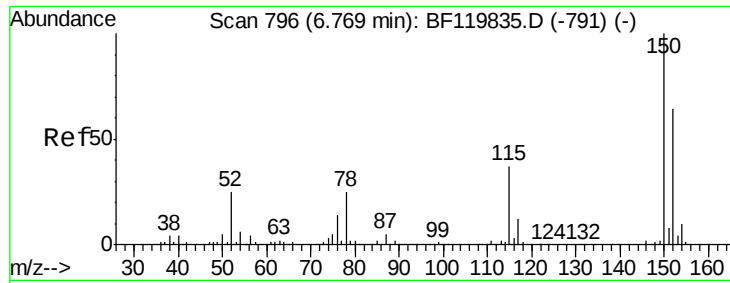
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	326556	49.412	nq	96
43) 2,4,6-Trichlorophenol	9.03	196	331926	41.358	nq	98
44) 2,4,5-Trichlorophenol	9.07	196	374166	41.393	nq	95
46) 1,1'-Biphenyl	9.22	154	1268909	40.854	nq	99
47) 2-Chloronaphthalene	9.25	162	988278	41.305	nq	98
48) 2-Nitroaniline	9.34	65	367281	42.359	nq	95
49) Acenaphthylene	9.66	152	1533367	42.140	nq	99
50) Dimethylphthalate	9.53	163	1140231	40.061	nq	100
51) 2,6-Dinitrotoluene	9.59	165	257892	41.376	nq	88
52) Acenaphthene	9.83	154	1024552m	42.210	nq	
53) 3-Nitroaniline	9.76	138	308696	43.365	nq	94
54) 2,4-Dinitrophenol	9.86	184	194496	52.121	nq	92
55) Dibenzofuran	10.00	168	1375389	41.292	nq	99
56) 4-Nitrophenol	9.92	139	224526	42.391	nq	93
57) 2,4-Dinitrotoluene	9.99	165	346281	42.169	nq	97
58) Fluorene	10.35	166	1057273	39.690	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	286787	41.482	nq	98
60) Diethylphthalate	10.22	149	1165366	39.505	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	521022	38.161	nq	96
62) 4-Nitroaniline	10.37	138	300590	44.309	nq	99
63) Azobenzene	10.50	77	1098010	41.533	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	194271	42.239	nq	88
66) n-Nitrosodiphenylamine	10.46	169	957935	41.259	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	351062	40.436	nq	96
68) Hexachlorobenzene	10.90	284	360421	40.922	nq	95
69) Atrazine	10.99	200	239971	37.148	nq	96
70) Pentachlorophenol	11.09	266	205815	40.550	nq	98
71) Phenanthrene	11.31	178	1525469	41.057	nq	99
72) Anthracene	11.36	178	1553398	40.926	nq	99
73) Carbazole	11.52	167	1486471	41.413	nq	99
74) Di-n-butylphthalate	11.85	149	1796369	38.070	nq	100
75) Fluoranthene	12.50	202	1645007	41.033	nq	98
77) Benzidine	12.62	184	627048	38.620	nq	98
78) Pyrene	12.73	202	1668636	41.209	nq	98
80) Butylbenzylphthalate	13.35	149	735567	37.437	nq	97
81) Benzo(a)anthracene	13.92	228	1266038	40.066	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	483465	41.006	nq	98
83) Chrysene	13.96	228	1302331	40.562	nq	100
84) Bis(2-ethylhexyl)phthalate	13.91	149	870447	32.714	nq	# 99
85) Di-n-octyl phthalate	14.53	149	1452872	32.070	nq	100
86) Indeno(1,2,3-cd)pyrene	16.77	276	1045802	36.952	nq	99
88) Benzo(b)fluoranthene	14.94	252	1224636	41.824	nq	98
89) Benzo(k)fluoranthene	14.98	252	1051502	41.621	nq	98
90) Benzo(a)pyrene	15.30	252	1030885	41.874	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	843969	38.701	nq	100
92) Benzo(g,h,i)perylene	17.19	276	840497	39.046	nq	96

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



#1

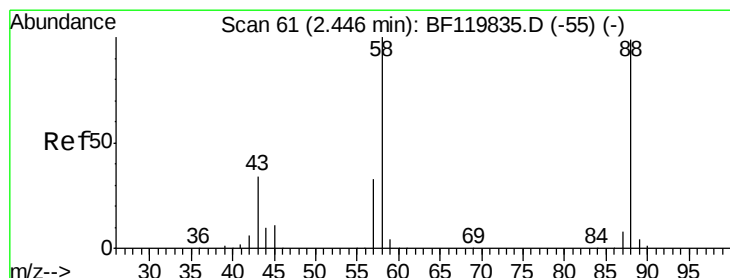
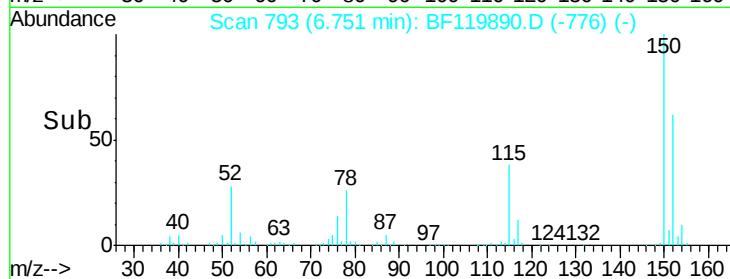
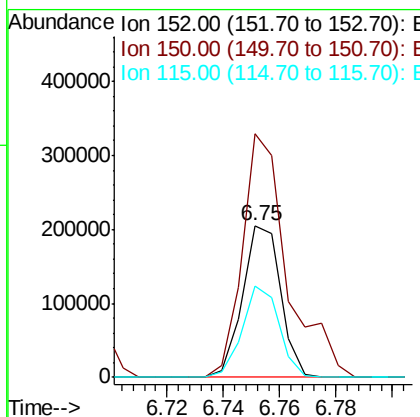
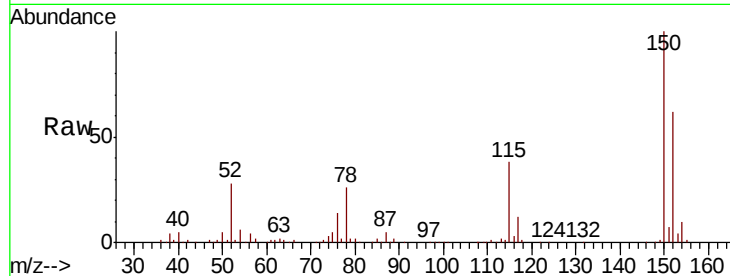
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.8	187.2
115	60.2	46.5	69.7

Manual Integrations
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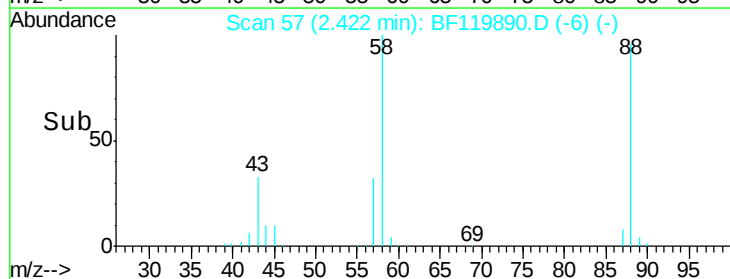
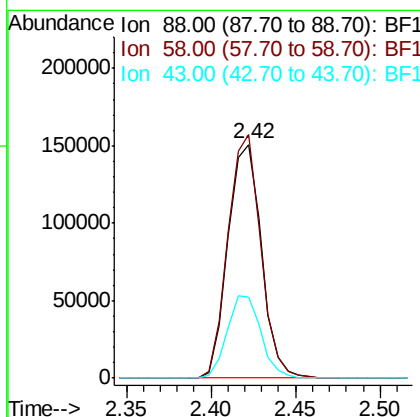
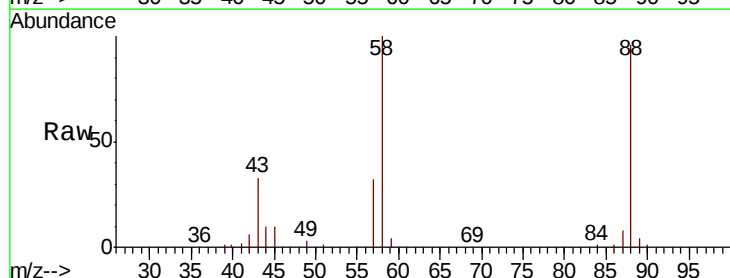
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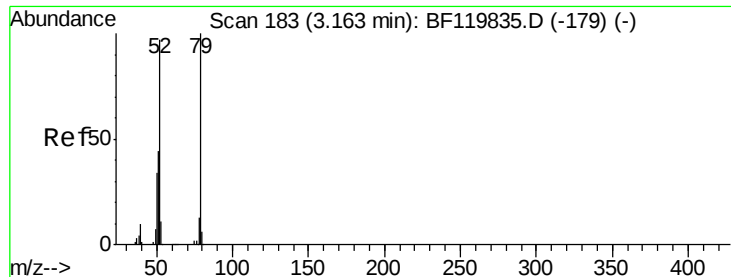


#2

1,4-Dioxane
Concen: 42.009 ng
RT: 2.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	82.6	123.8
43	35.3	28.6	42.8





#3

Pvridine

Concen: 42.511 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

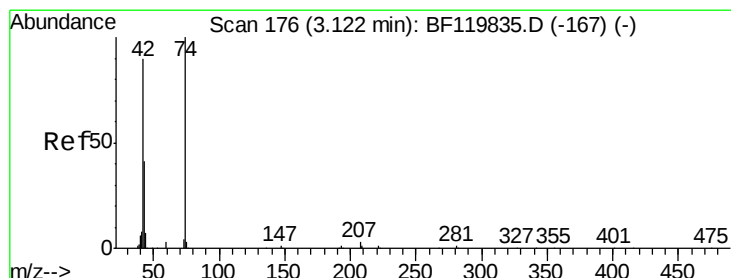
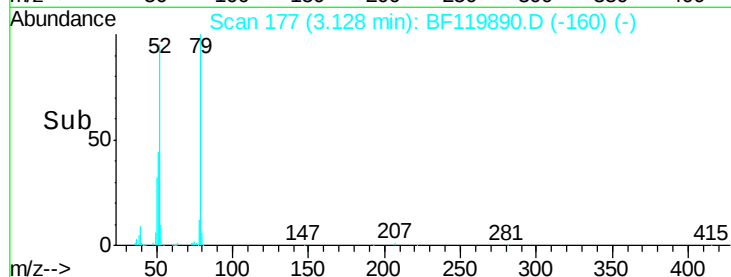
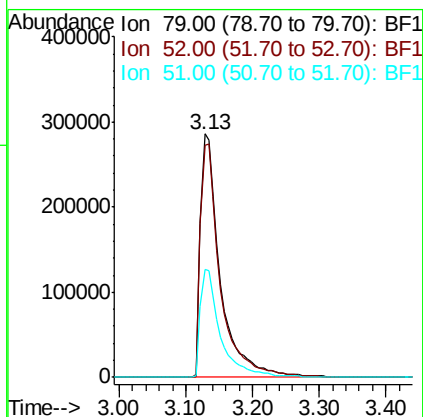
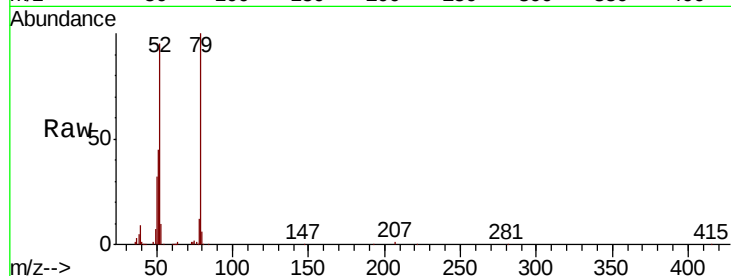
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	578917
Ion Ratio	Lower	Upper	
79	100		
52	95.4	77.4	116.0
51	44.6	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 40.480 ng

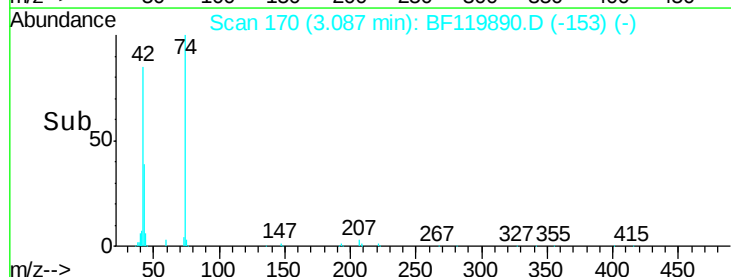
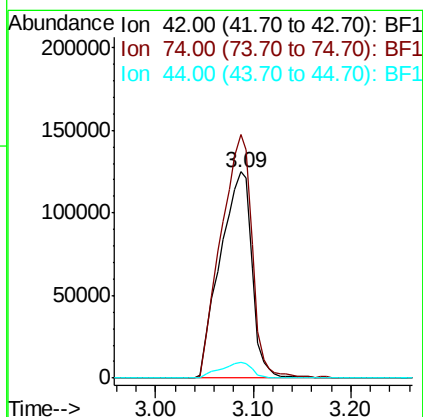
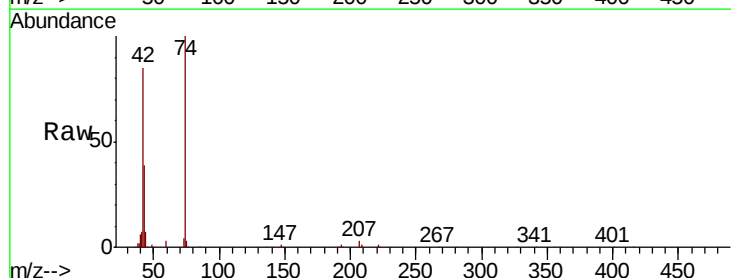
RT: 3.09 min Scan# 170

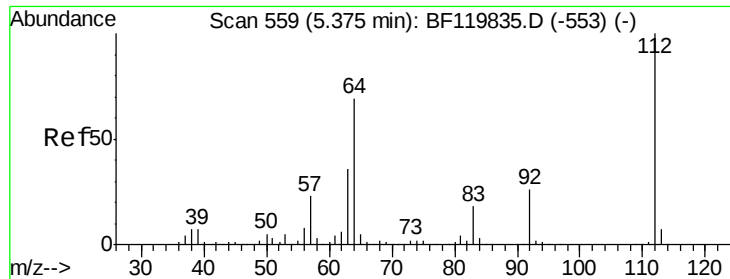
Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion:	42	Resp:	281659
Ion Ratio	Lower	Upper	
42	100		
74	118.2	89.0	133.4
44	7.8	6.2	9.4





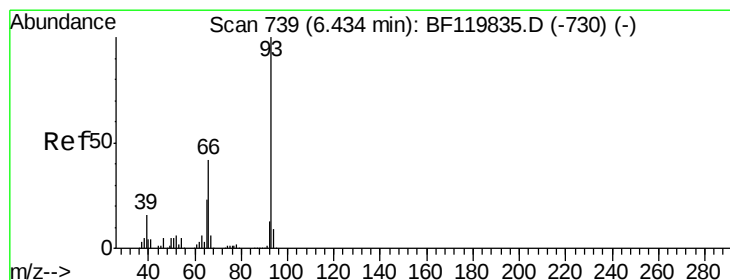
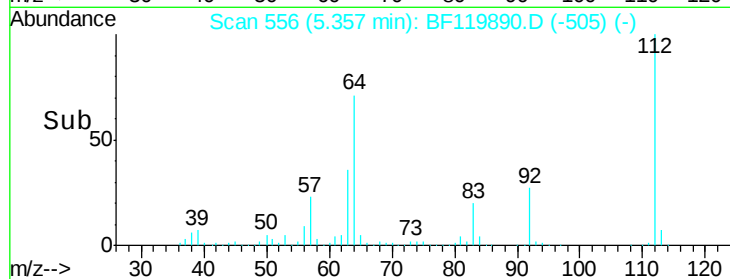
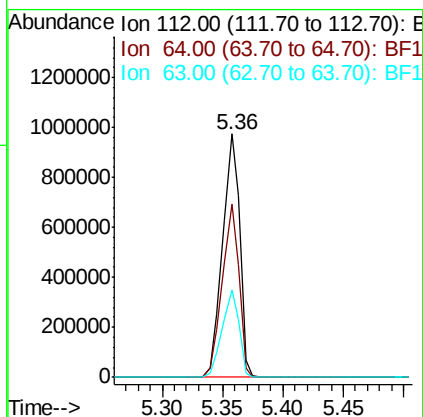
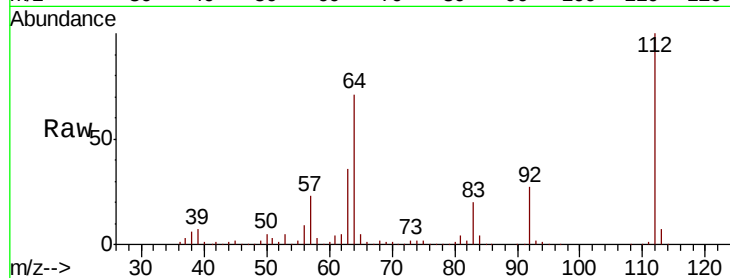
#5
2-Fluorophenol
Concen: 86.072 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	112	Resp:	959177
Ion Ratio	Lower	Upper	
112	100		
64	71.3	55.5	83.3
63	35.7	29.1	43.7

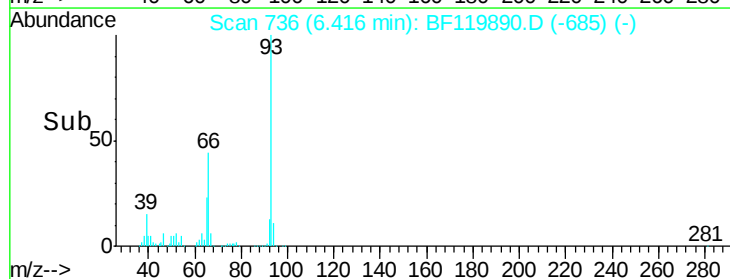
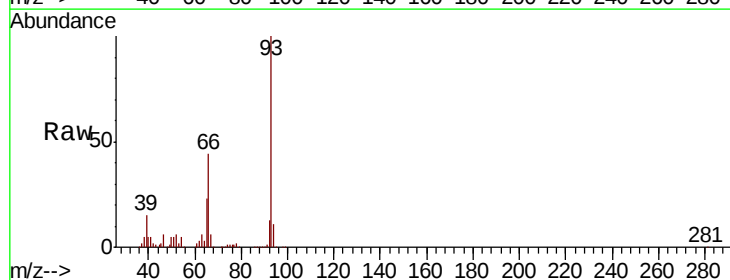
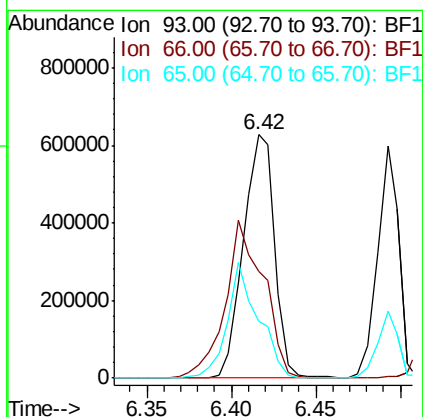
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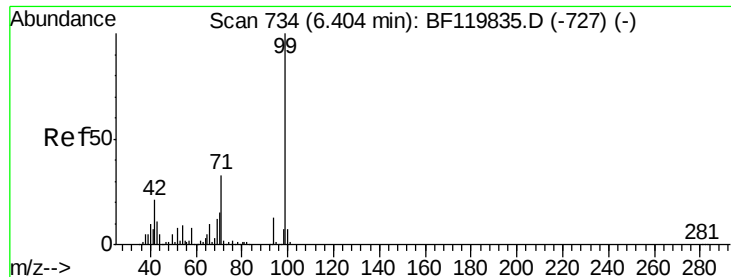
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#6
Aniline
Concen: 42.882 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion:	93	Resp:	808194
Ion Ratio	Lower	Upper	
93	100		
66	43.7	34.2	51.2
65	23.1	18.3	27.5





#7

Phenol-d6

Concen: 85.671 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1230182

Ion Ratio Lower Upper

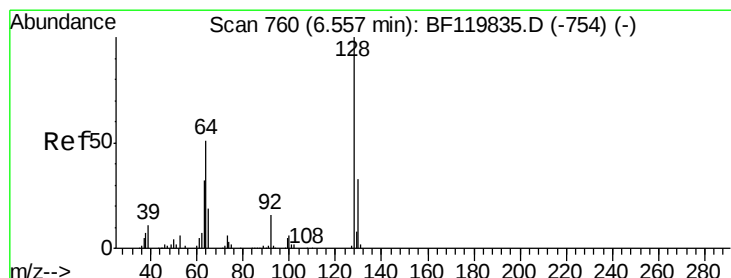
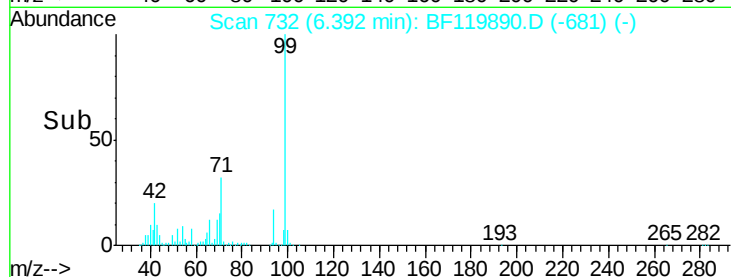
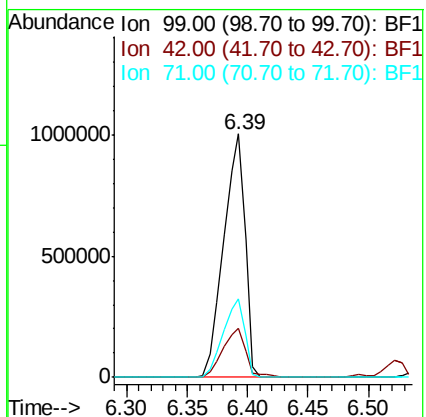
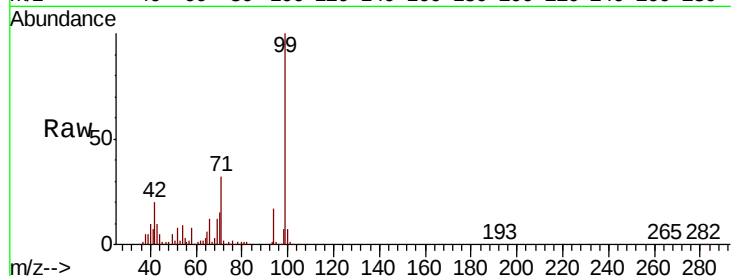
99 100

42 20.0 16.9 25.3

71 32.5 26.3 39.5

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#8

2-Chlorophenol

Concen: 42.492 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

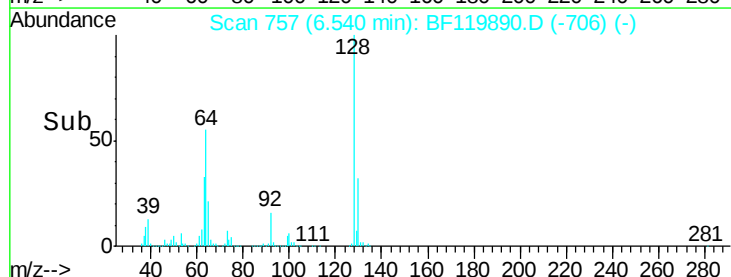
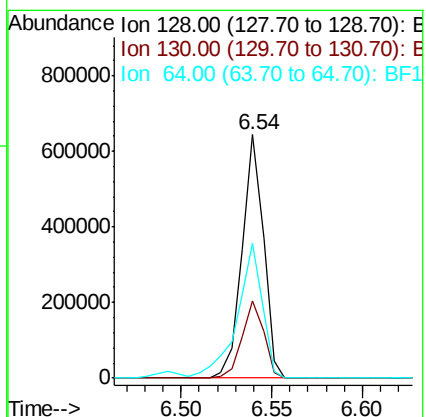
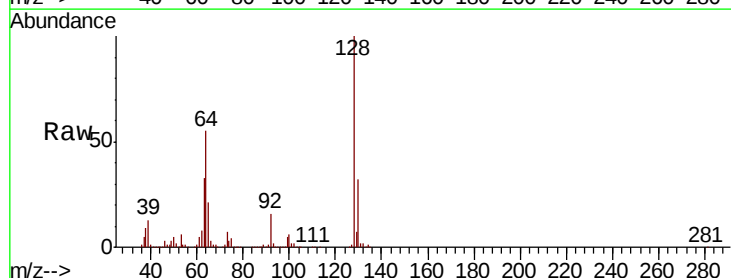
Tgt Ion: 128 Resp: 529078

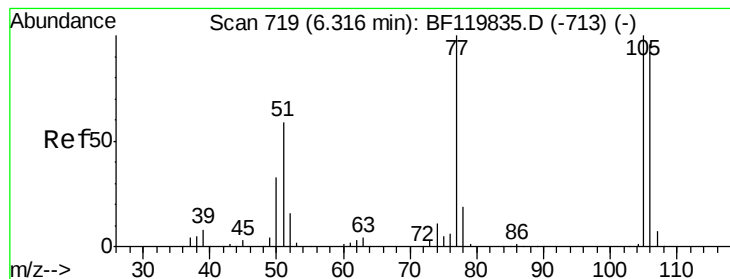
Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

64 55.4 32.0 72.0





#9

Benzaldehyde

Concen: 46.671 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

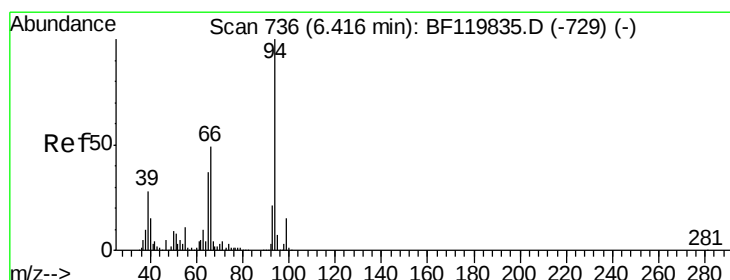
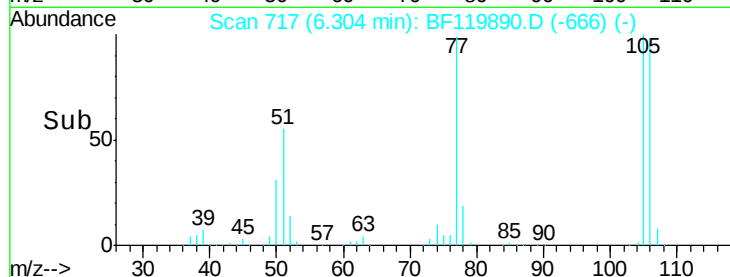
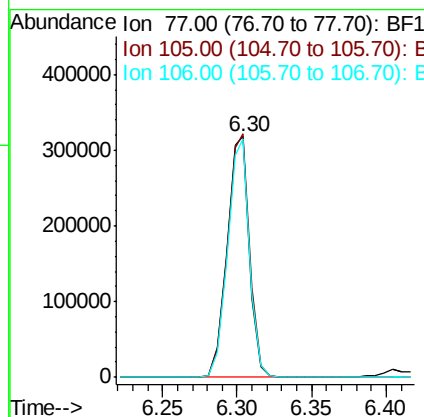
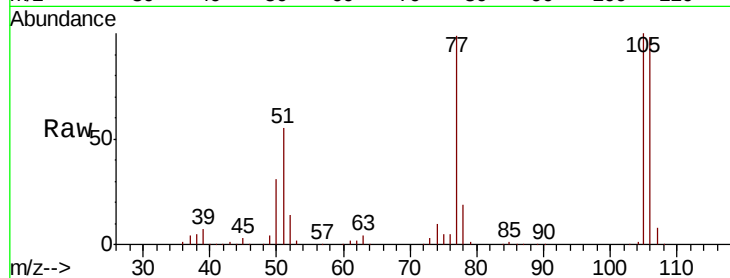
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	334812
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.9	119.9
106	99.3	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 42.612 ng

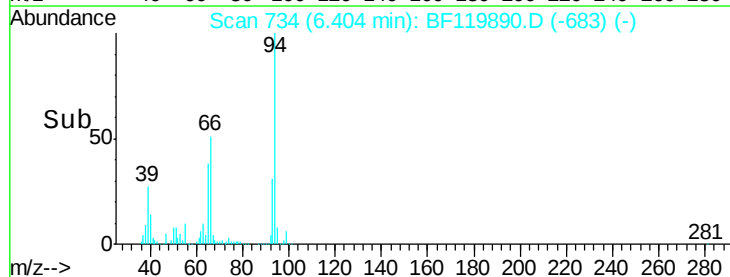
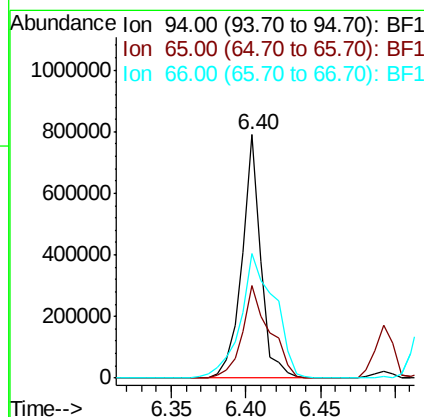
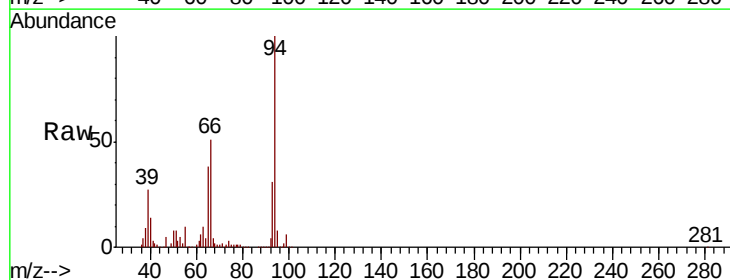
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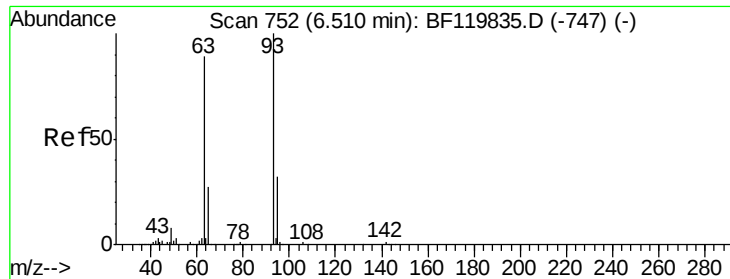
Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion:	94	Resp:	694178
Ion	Ratio	Lower	Upper
94	100		
65	37.8	16.6	56.6
66	51.4	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 41.675 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

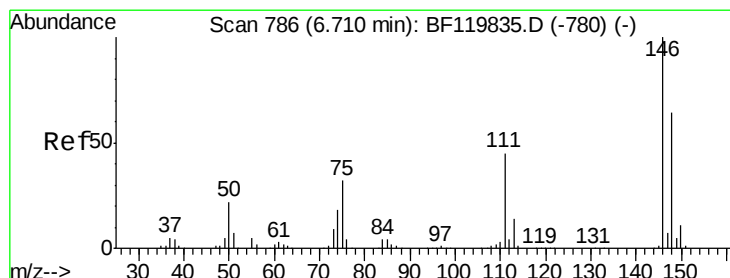
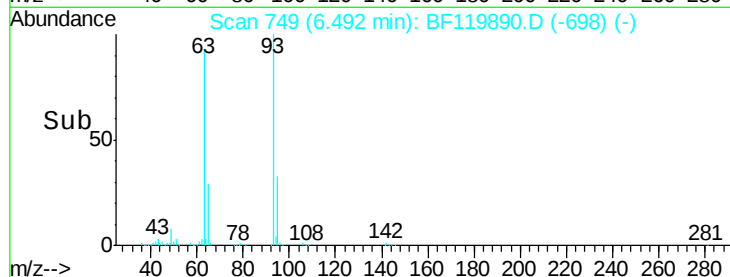
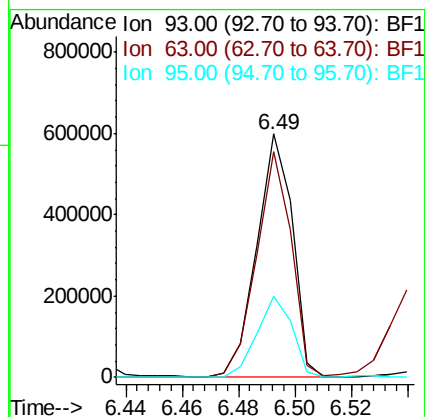
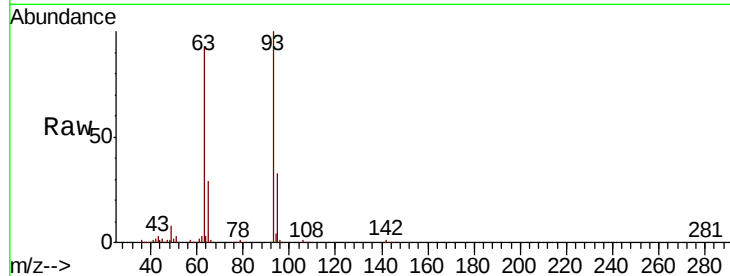
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		524202		
63	92.9	69.1	109.1		
95	33.4	12.3	52.3		

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.012 ng

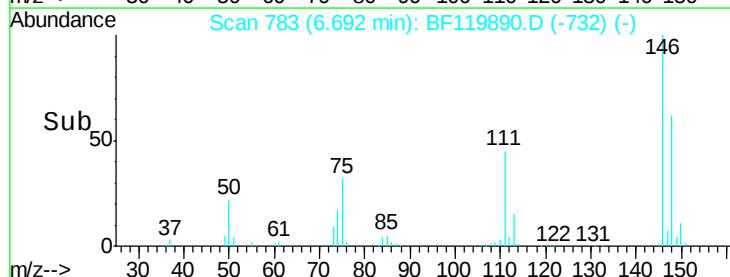
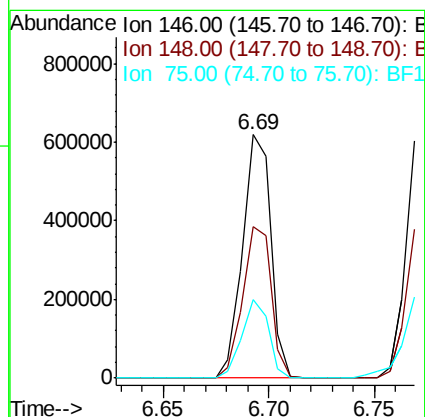
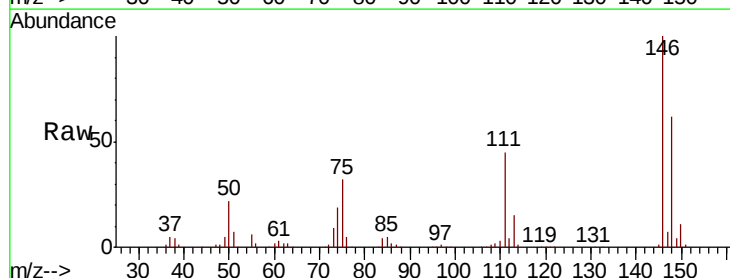
RT: 6.69 min Scan# 783

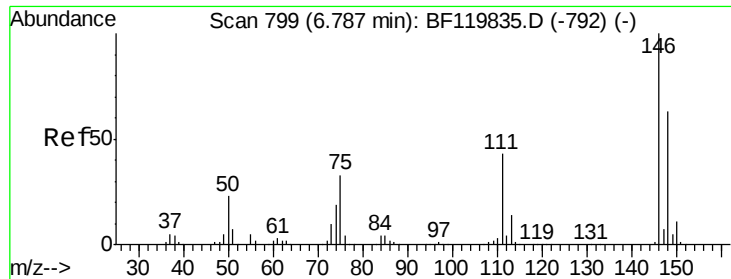
Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		572691		
148	62.2	51.3	76.9		
75	32.4	25.3	37.9		





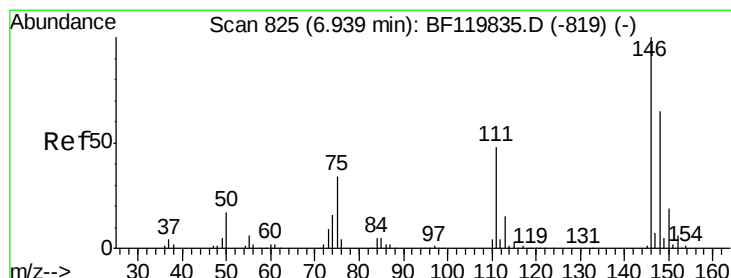
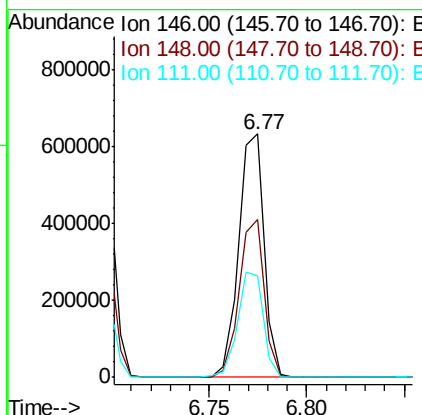
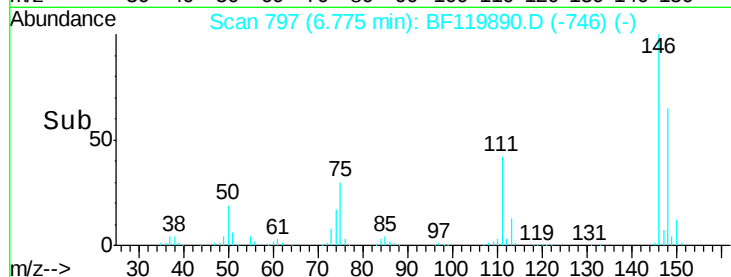
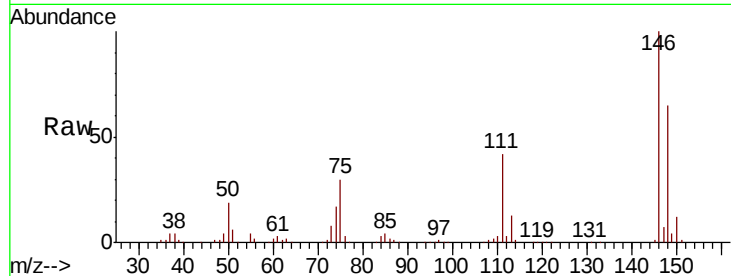
#13
 1,4-Dichlorobenzene
 Concen: 41.168 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	41.8	34.7	52.1

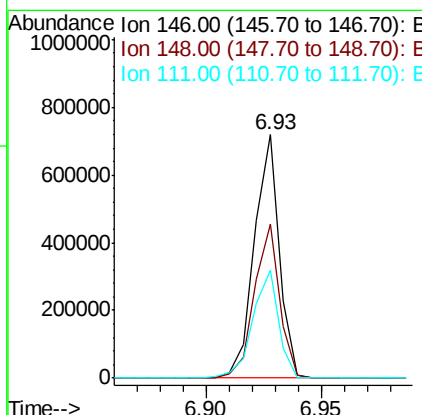
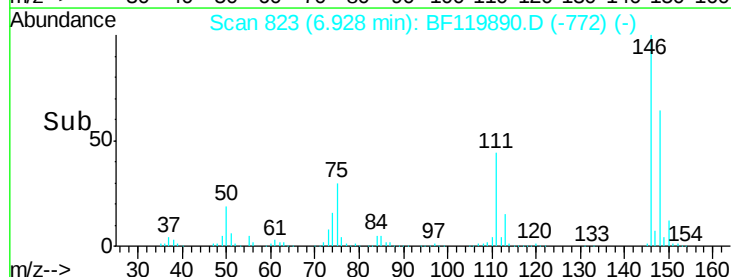
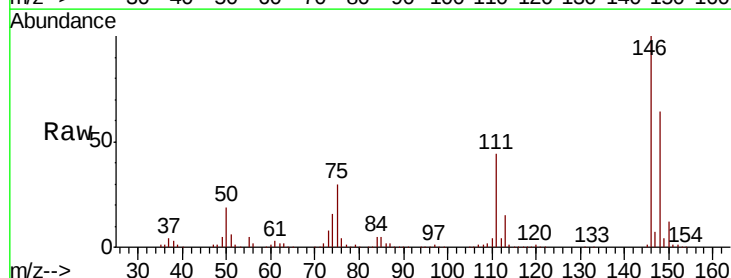
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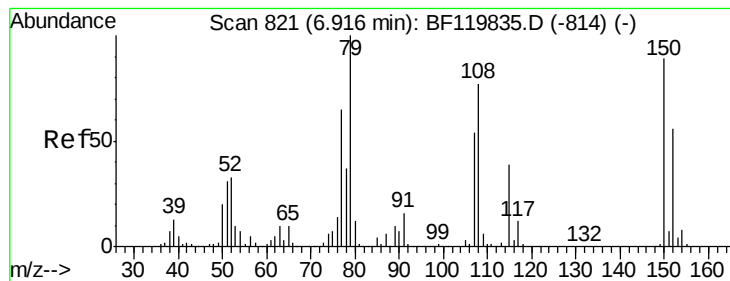
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#14
 1,2-Dichlorobenzene
 Concen: 42.467 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
111	44.3	38.0	57.0





#15

Benzyl Alcohol

Concen: 42.277 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 471511

Ion Ratio Lower Upper

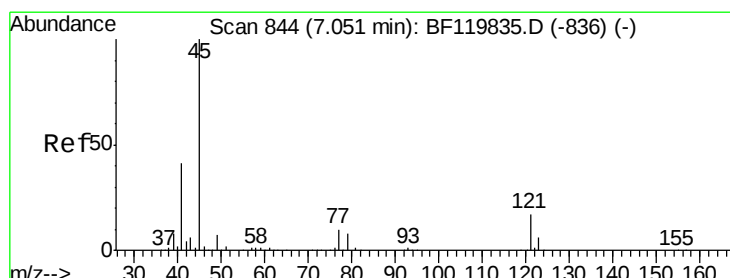
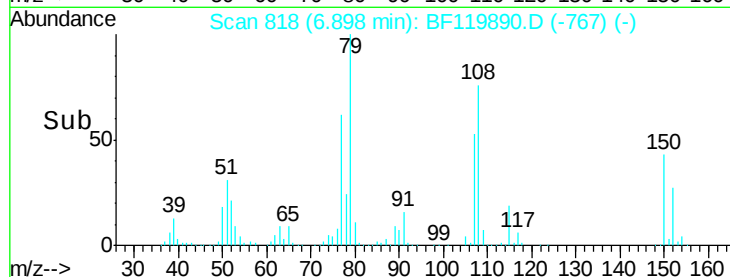
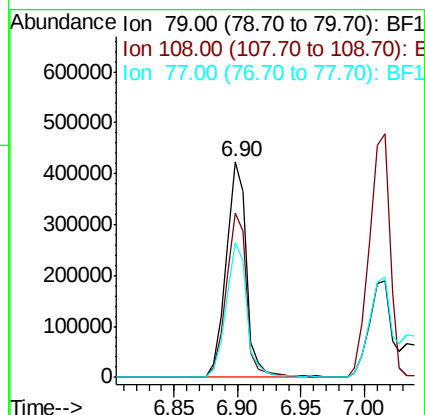
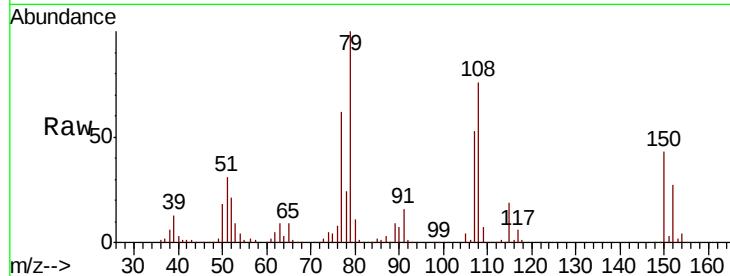
79 100

108 76.3 62.0 93.0

77 62.4 51.8 77.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.158 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

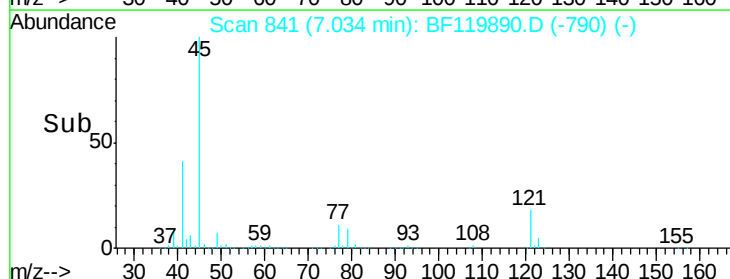
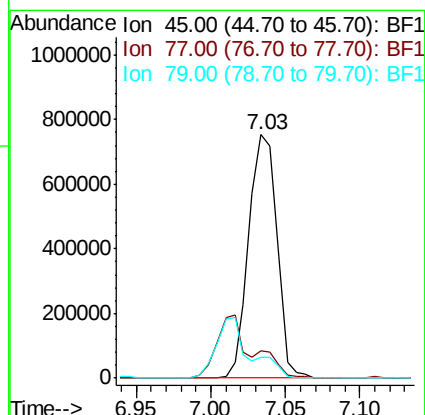
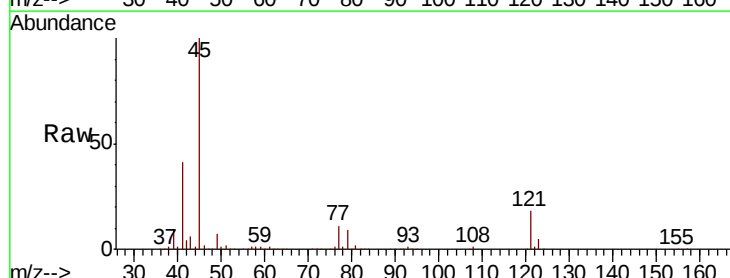
Tgt Ion: 45 Resp: 982938

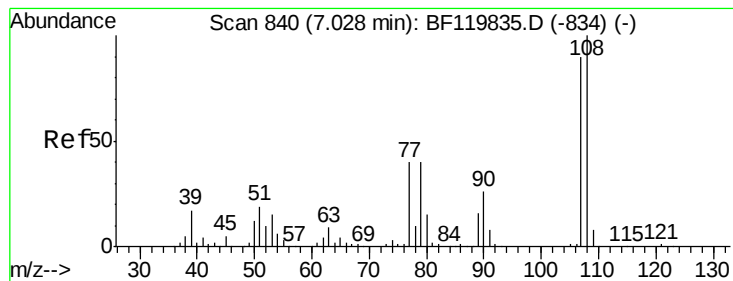
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.7

79 8.6 0.0 28.6





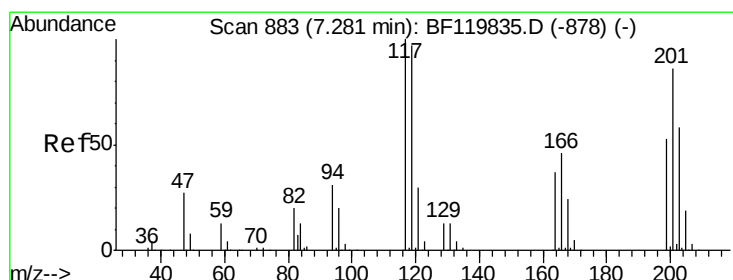
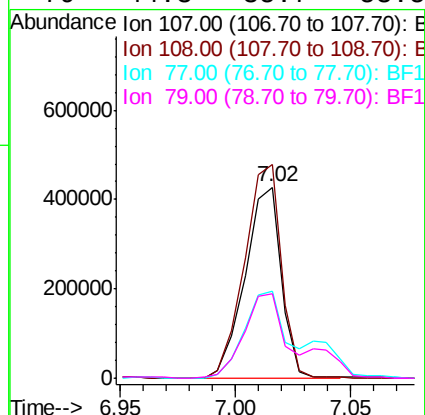
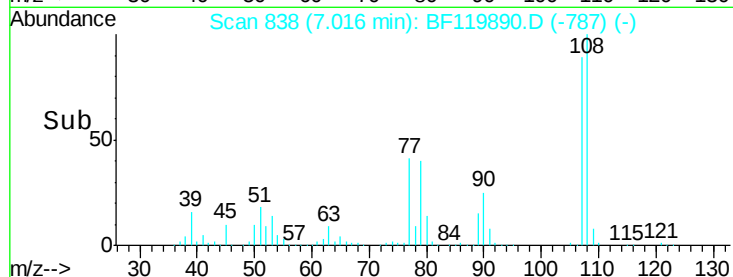
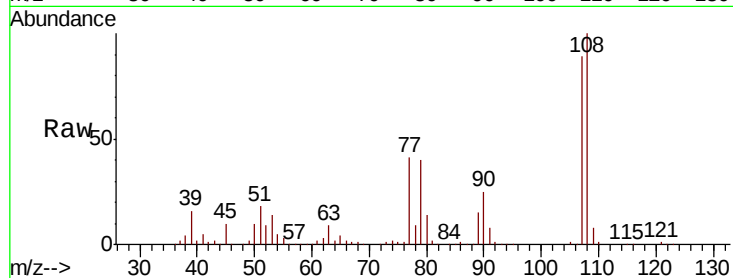
#17
2-Methylphenol
Concen: 42.257 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	469547
Ion Ratio	Lower	Upper	
107	100		
108	111.9	88.8	133.2
77	45.8	36.0	54.0
79	44.3	35.7	53.5

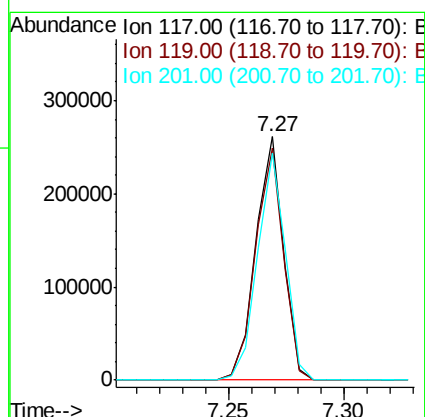
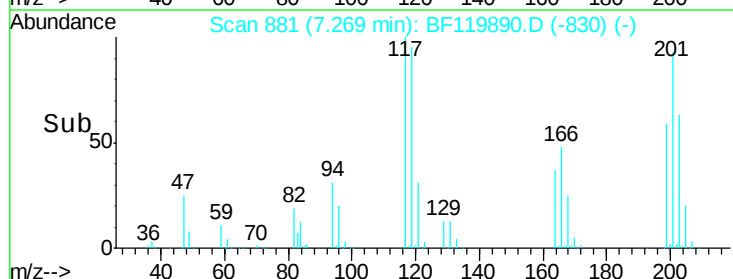
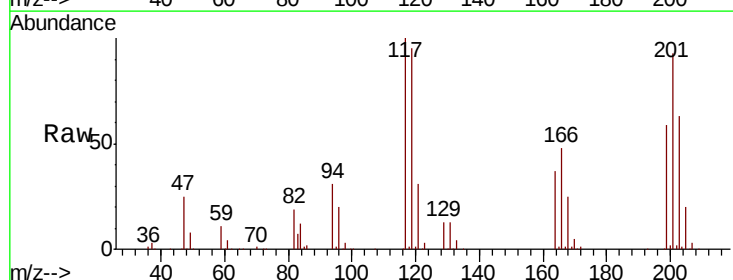
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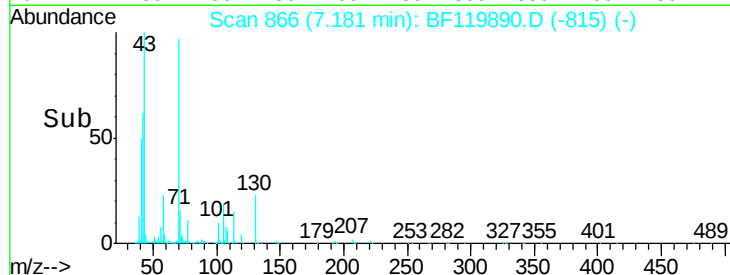
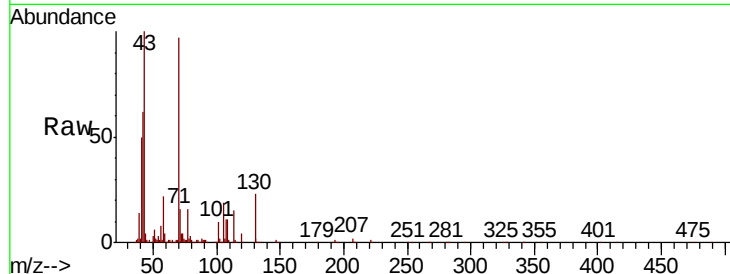
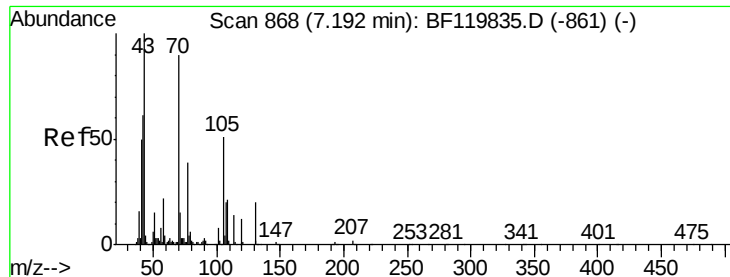
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#18
Hexachloroethane
Concen: 42.240 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion:	117	Resp:	219205
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.4	116.0
201	93.4	68.4	102.6





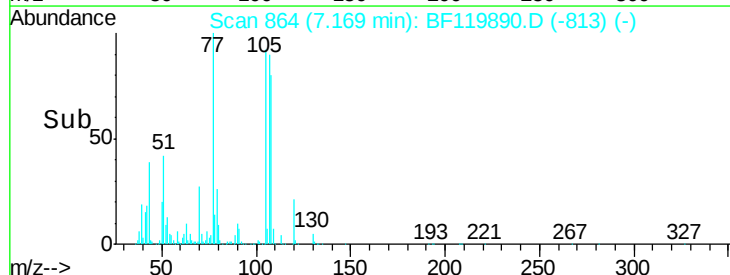
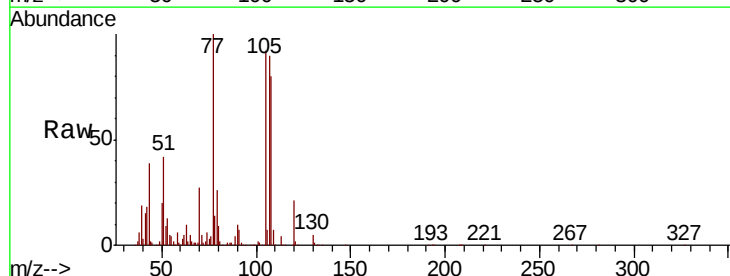
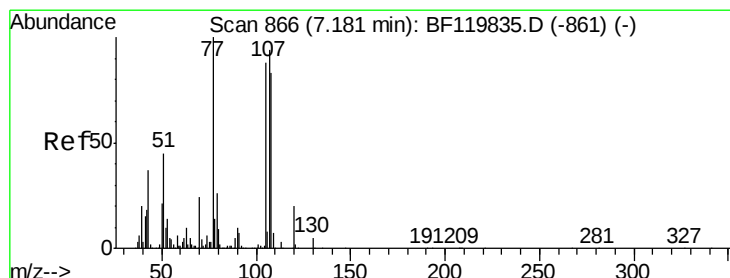
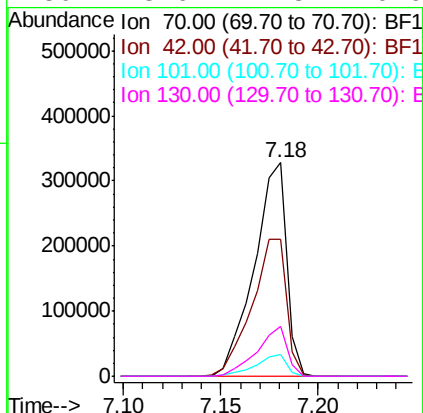
#19
n-Nitroso-di-n-propylamine
Concen: 40.964 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.3	54.2	81.4	
101	10.2	7.4	11.2	
130	23.6	17.8	26.6	

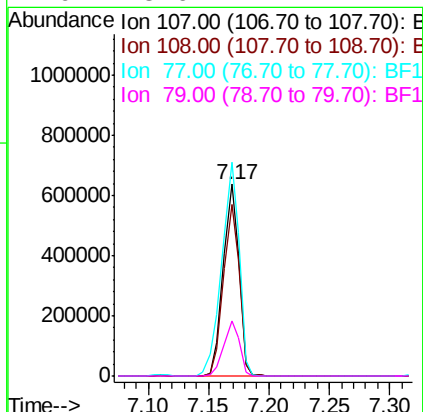
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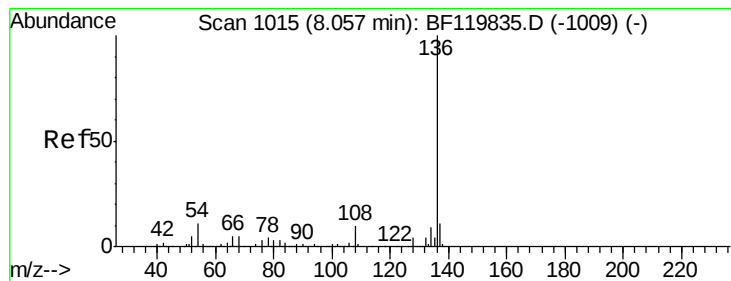
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#20
3+4-Methylphenols
Concen: 42.357 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	68.2	108.2	
77	111.5	86.6	126.6	
79	28.6	7.7	47.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

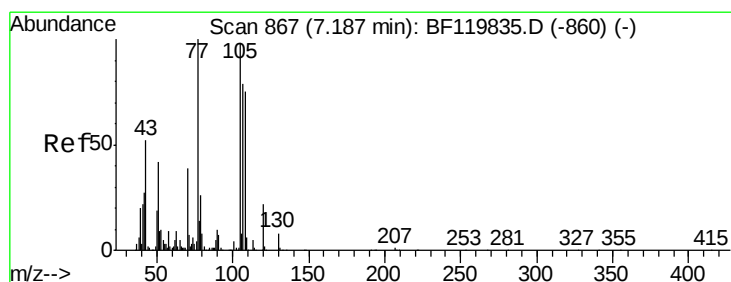
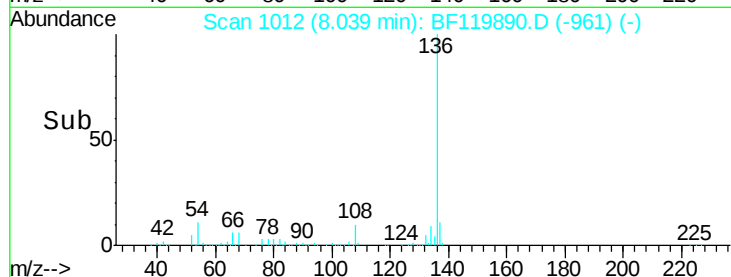
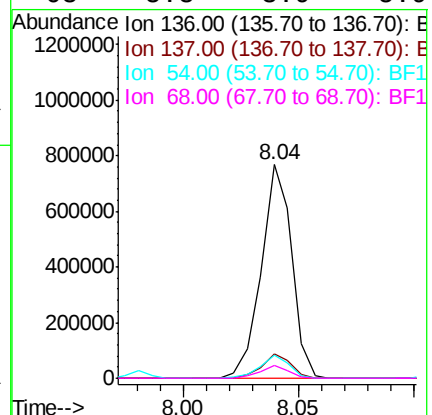
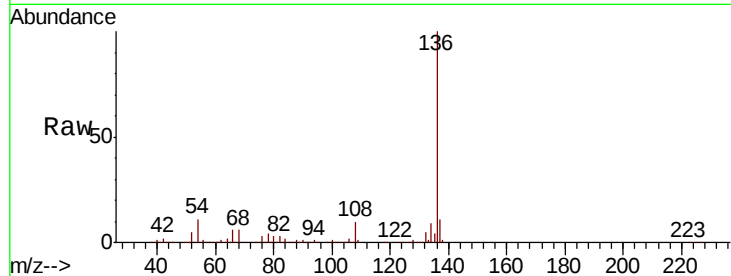
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	705111		
137	11.1	8.7	13.1	
54	10.9	8.5	12.7	
68	5.8	3.9	5.9	

Manual Integrations
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#22

Acetophenone

Concen: 42.397 ng

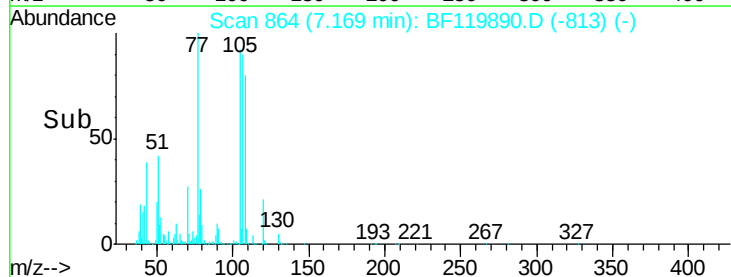
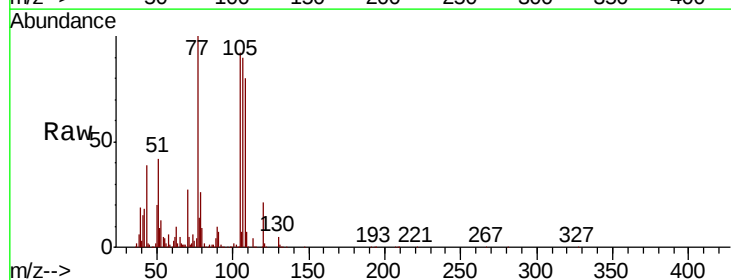
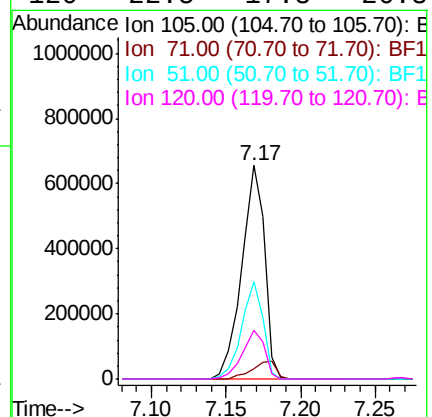
RT: 7.17 min Scan# 864

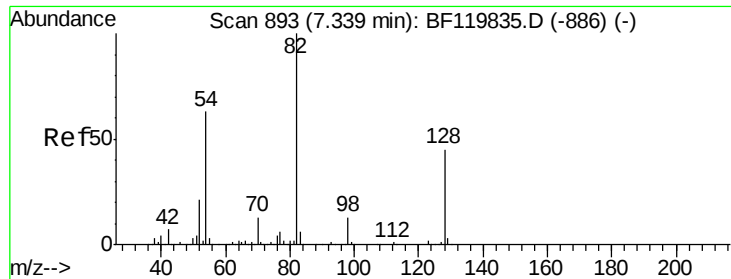
Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	700038		
71	5.0	5.6	8.4#	
51	45.7	33.9	50.9	
120	22.5	17.8	26.8	





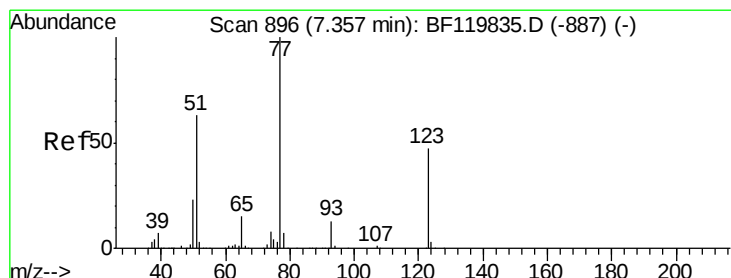
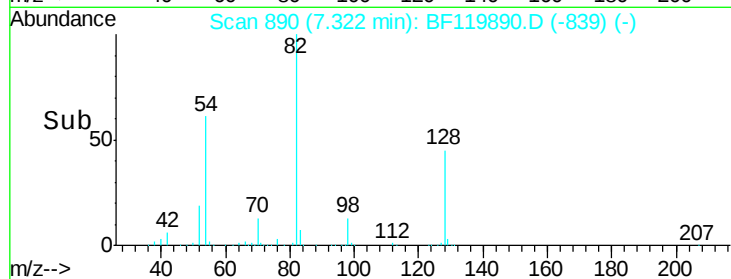
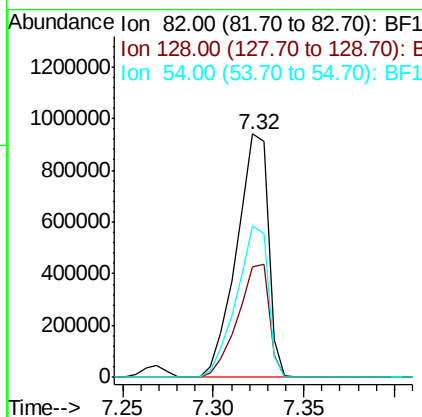
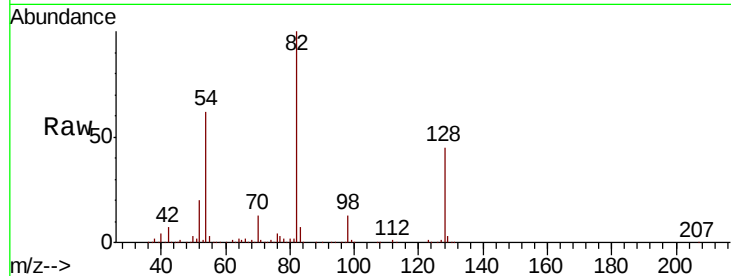
#23
 Nitrobenzene-d5
 Concen: 83.941 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	1144080
Ion Ratio	100	Lower	Upper
128	45.3	36.2	54.4
54	62.1	50.4	75.6

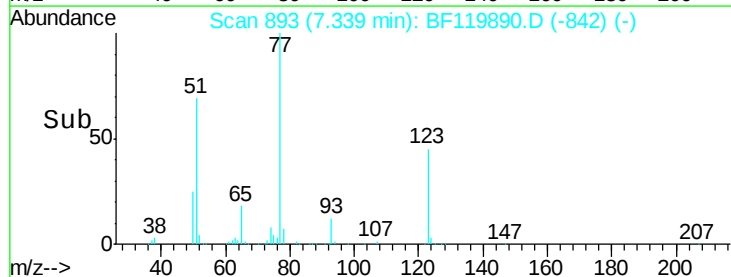
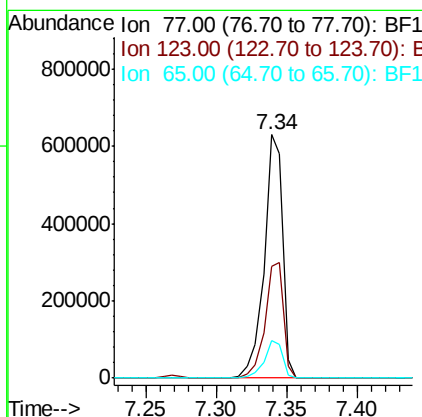
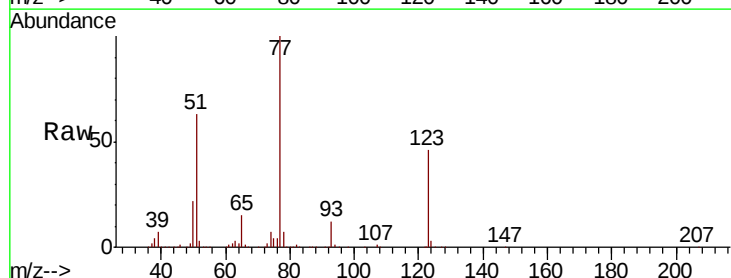
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#24
 Nitrobenzene
 Concen: 42.730 ng
 RT: 7.34 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	77	Resp	585870
Ion Ratio	100	Lower	Upper
123	45.8	37.8	56.8
65	15.5	12.2	18.2





#25

Isophorone

Concen: 40.849 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1073263

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

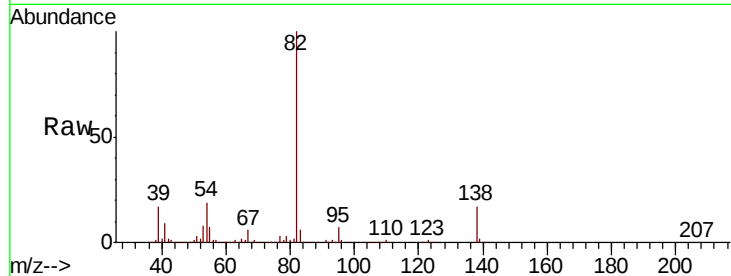
138 17.0 14.5 21.7

Manual Integrations

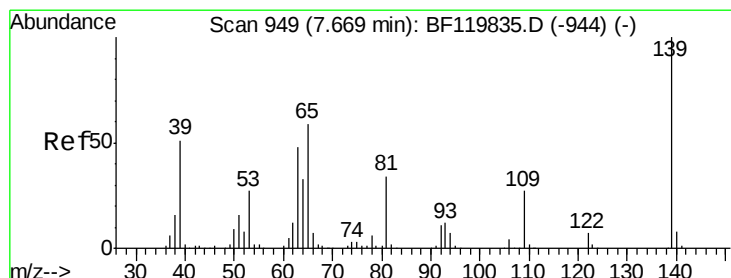
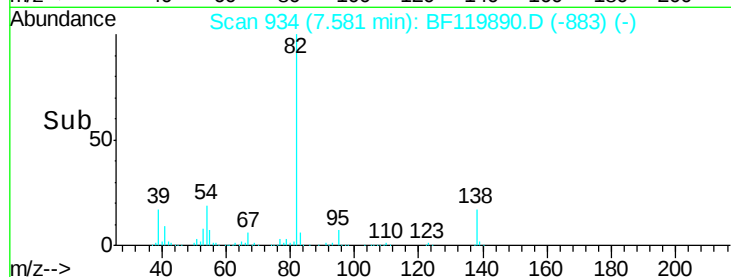
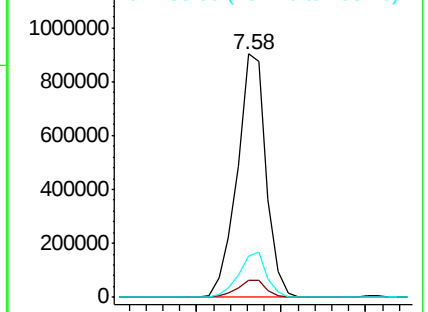
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.011 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

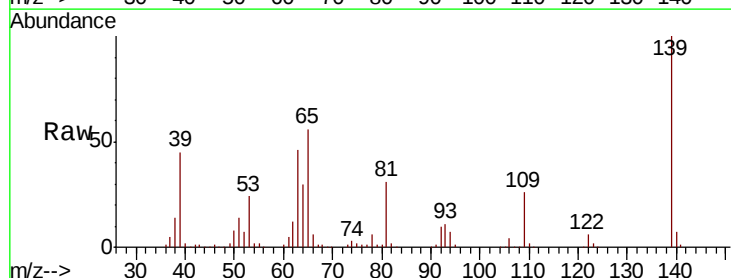
Tgt Ion: 139 Resp: 294622

Ion Ratio Lower Upper

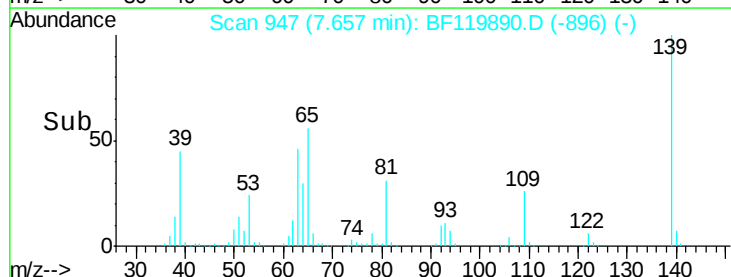
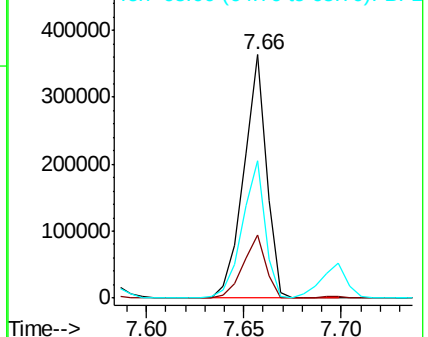
139 100

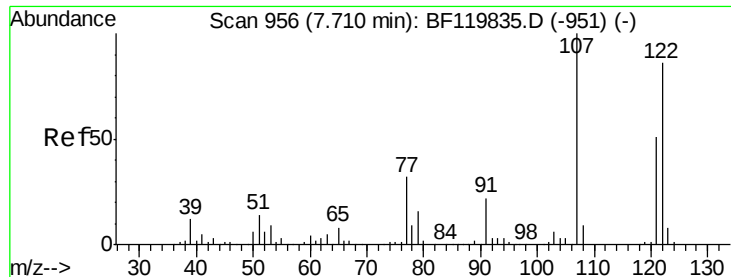
109 26.2 21.8 32.6

65 56.4 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





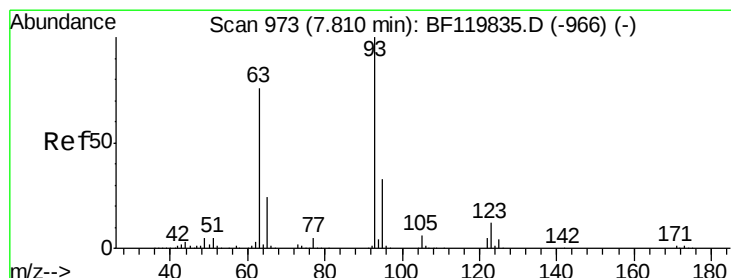
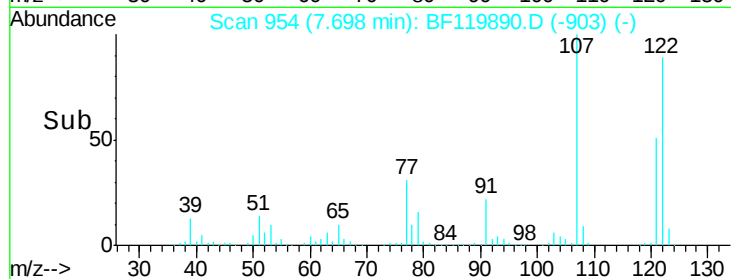
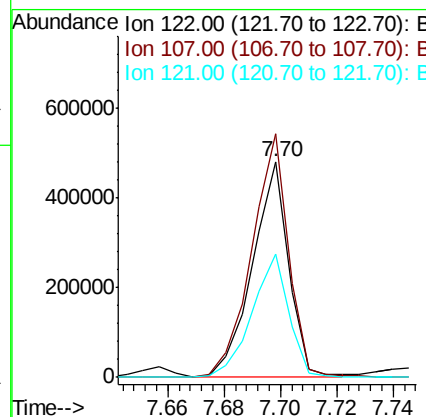
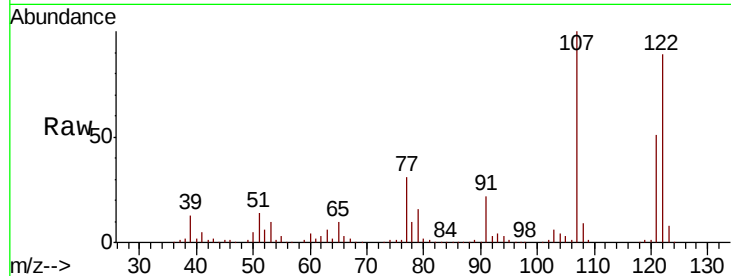
#27
2,4-Dimethylphenol
Concen: 41.716 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	92.3	138.5
121	57.1	46.6	70.0

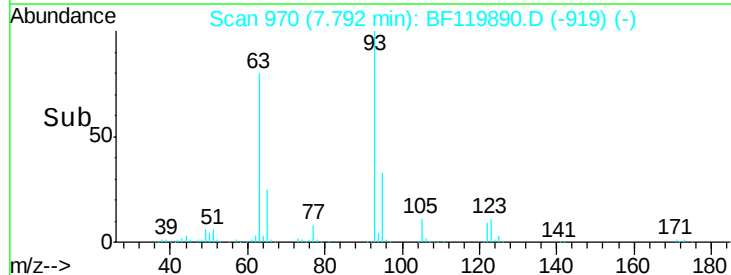
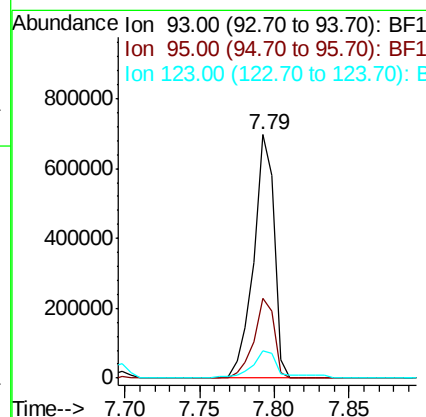
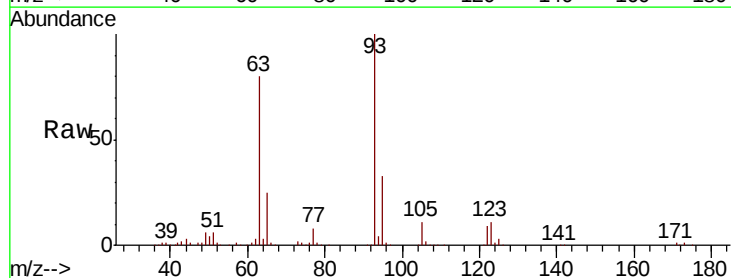
Manual Integrations
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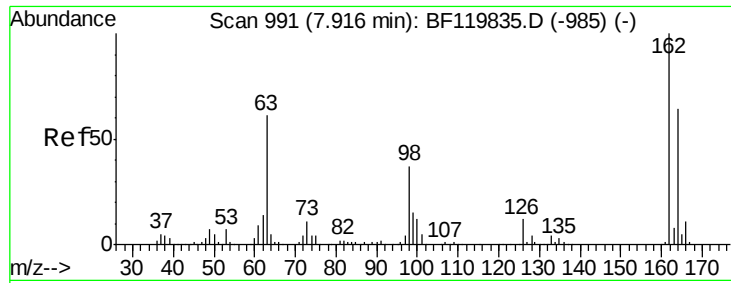
mohammad
4/14/2020 3:38:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.573 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.2	9.7	14.5





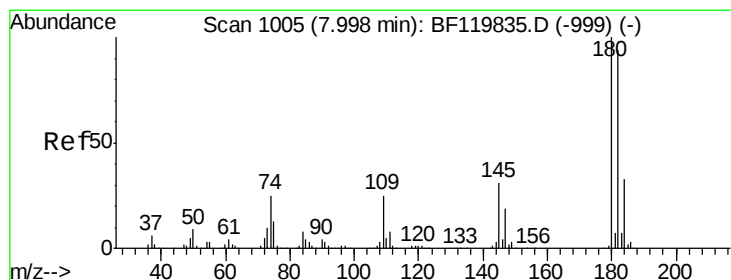
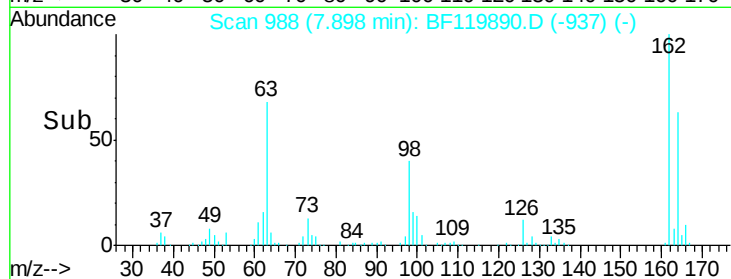
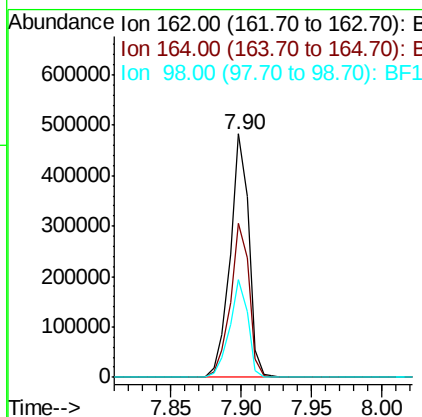
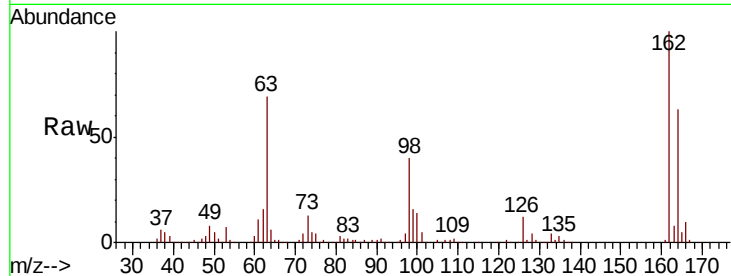
#29
2,4-Dichlorophenol
Concen: 41.906 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	443767
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	40.0	17.3	57.3

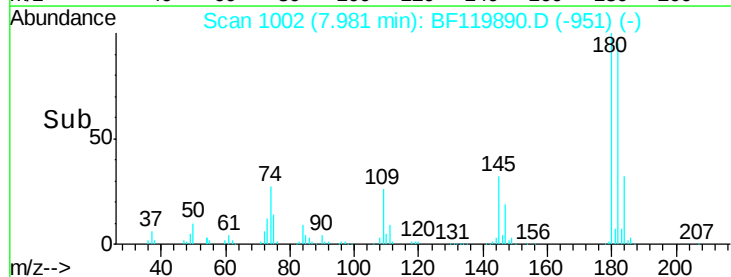
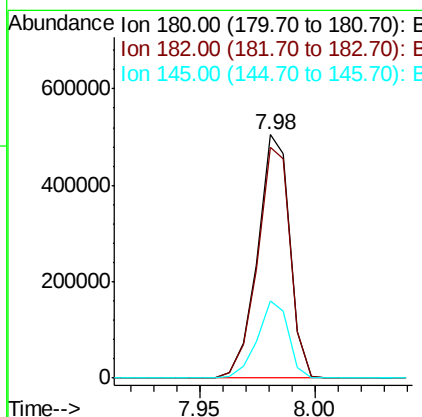
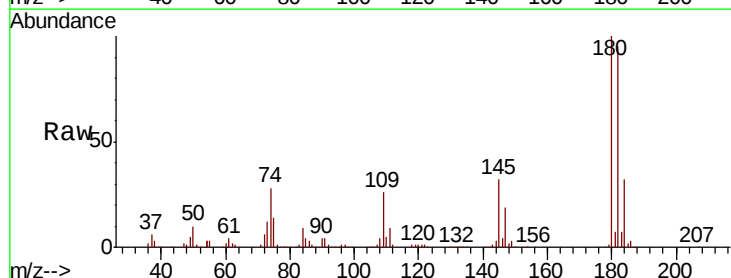
Manual Integrations
APPROVED

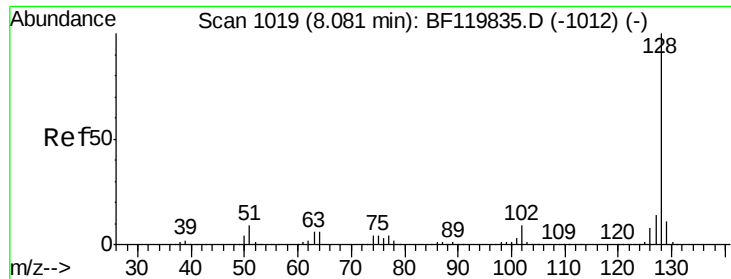
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.901 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion:	180	Resp:	490760
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.4	113.0
145	31.9	24.6	37.0





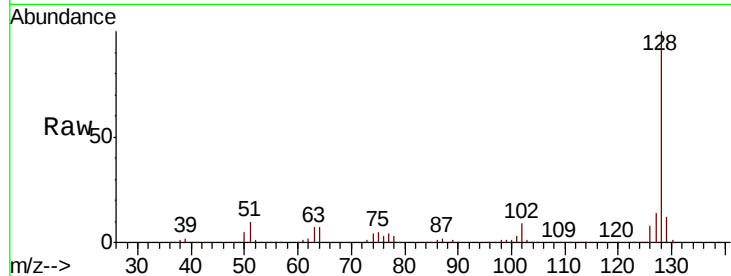
#31
Naphthalene
Concen: 41.834 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	11.0	16.4

Manual Integrations
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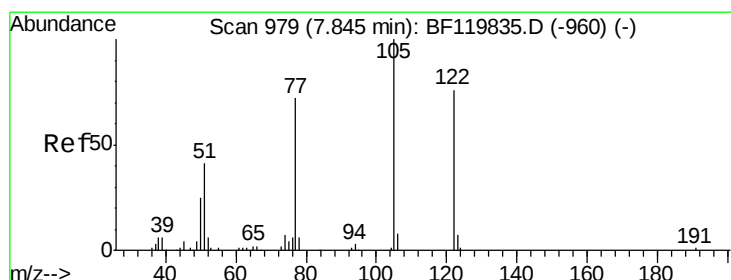
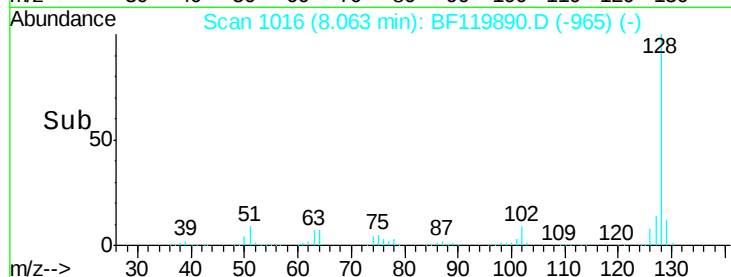
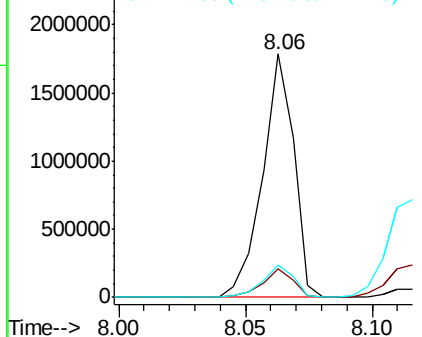


Abundance

Ion 128.00 (127.70 to 128.70): E

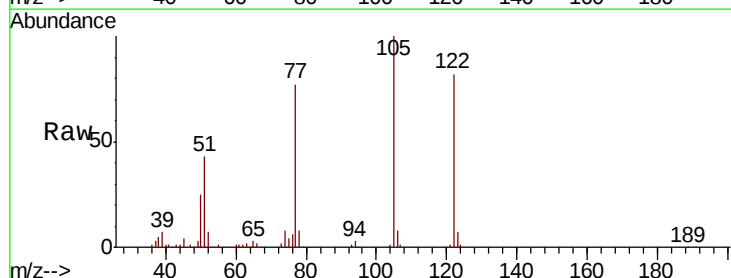
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.079 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	106.7	146.7
77	94.5	72.1	112.1

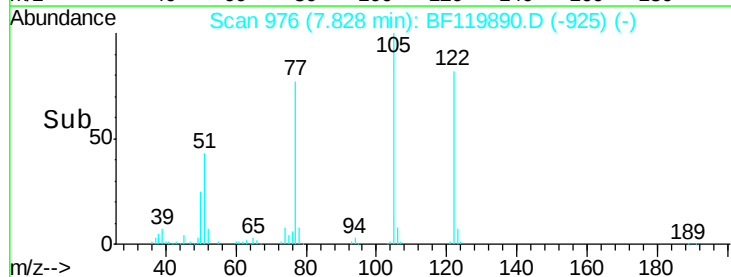
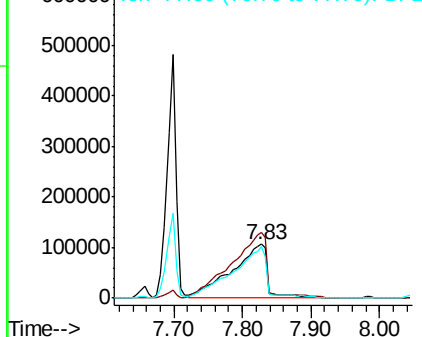


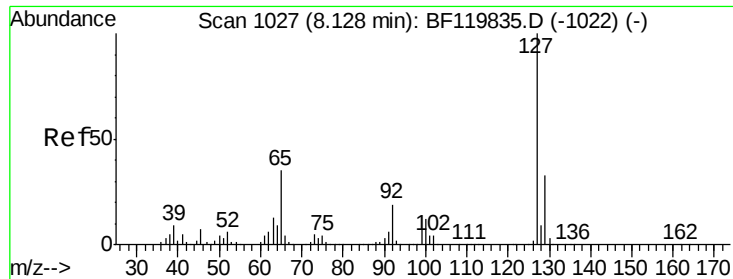
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





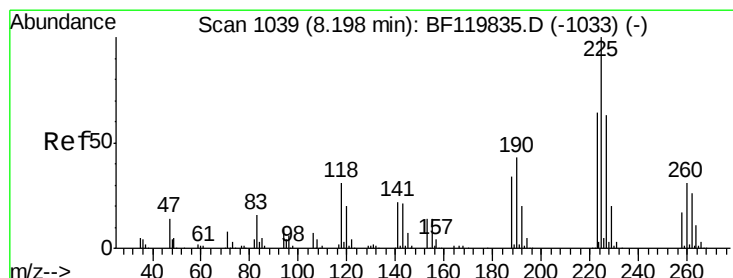
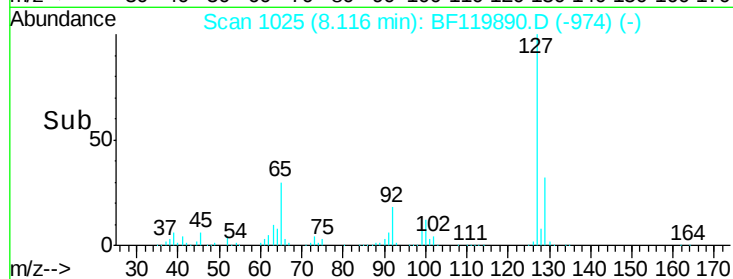
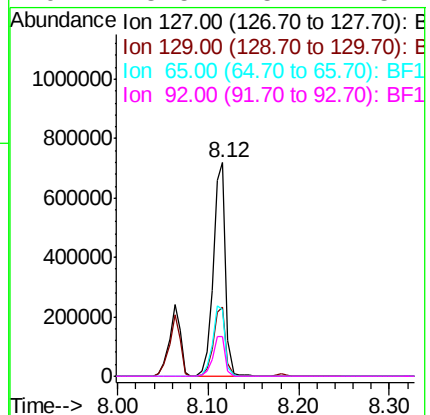
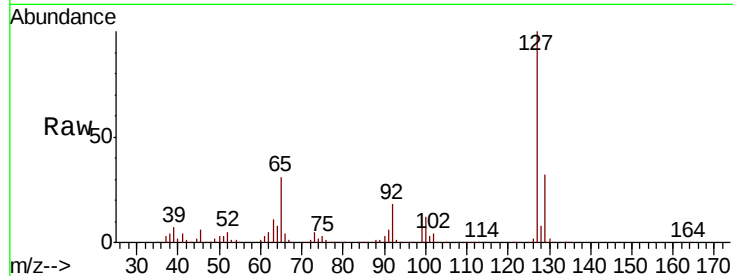
#33
4-Chloroaniline
Concen: 41.967 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		677773		
129	32.5	26.2	39.2		
65	31.0	28.3	42.5		
92	18.5	15.4	23.2		

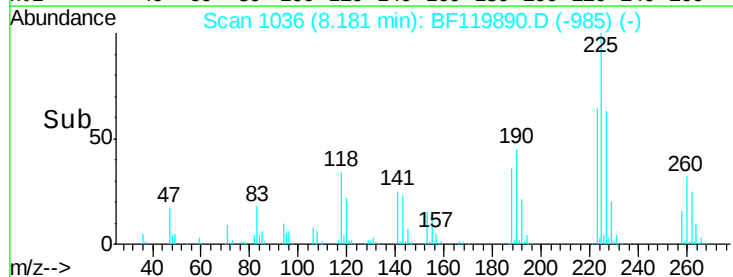
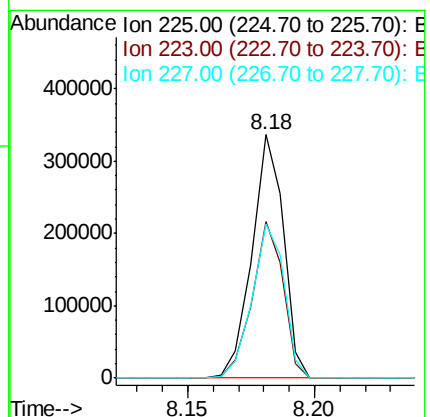
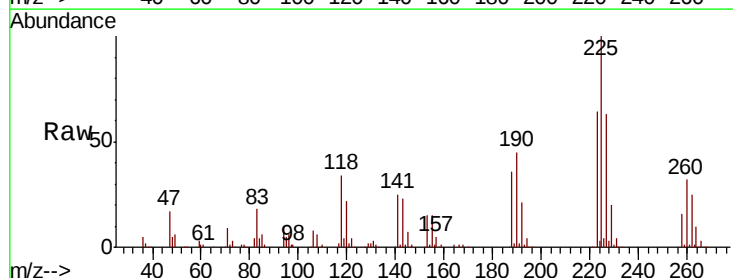
Manual Integrations
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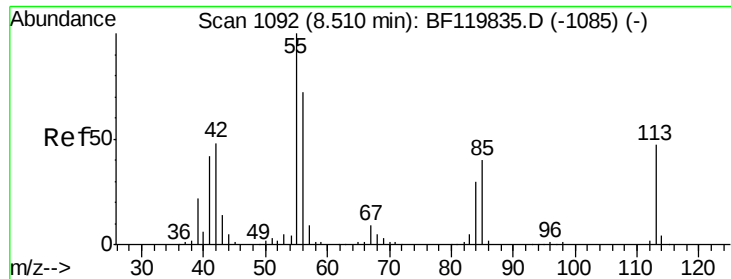
mohammad
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#34
Hexachlorobutadiene
Concen: 40.707 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		292385		
223	64.3	51.0	76.6		
227	63.2	50.4	75.6		





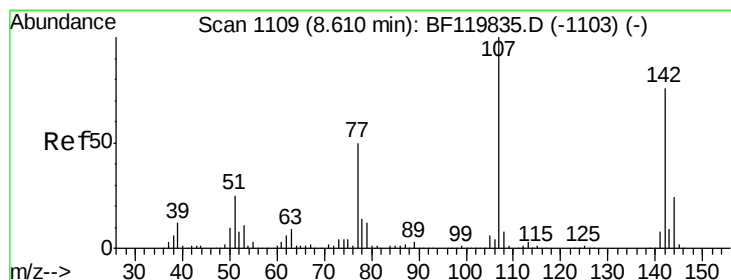
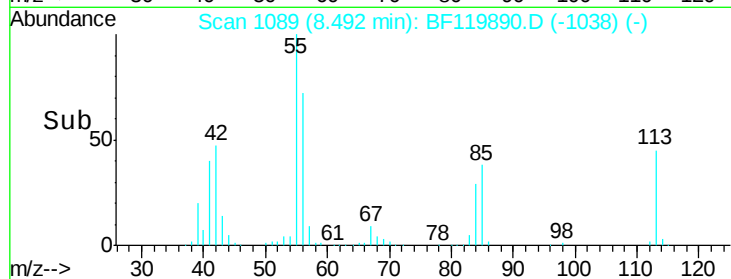
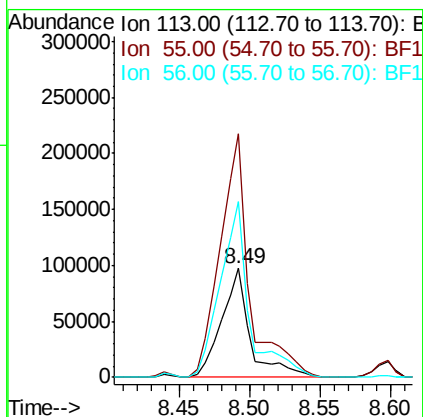
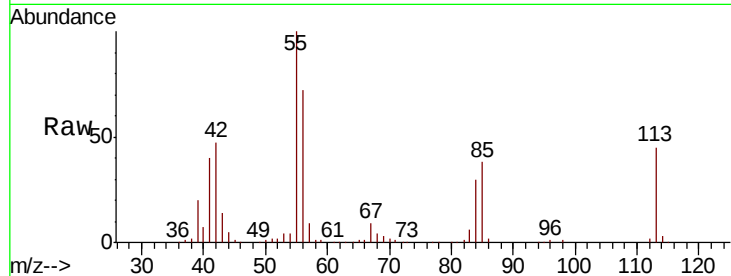
#35
 Caprolactam
 Concen: 42.182 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.1	192.7	232.7
56	161.0	133.3	173.3

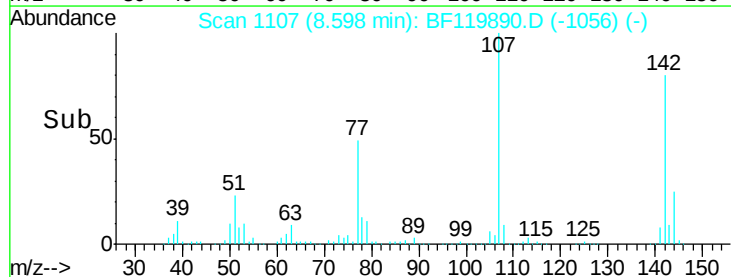
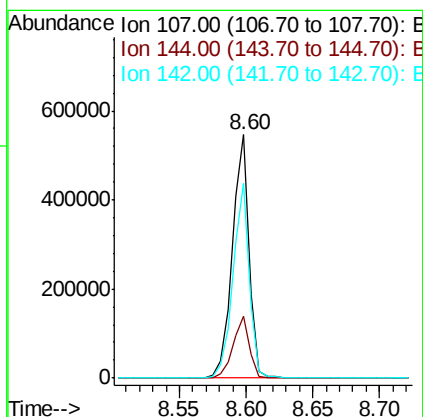
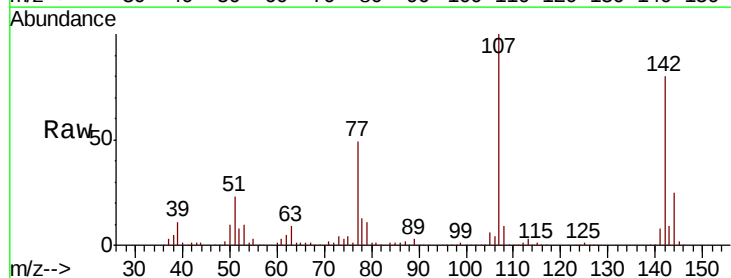
Manual Integrations
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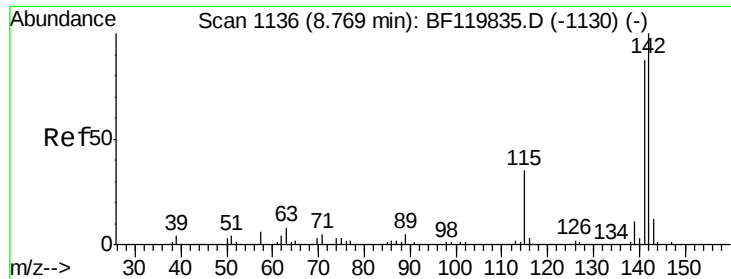
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.187 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.5	29.3
142	79.9	60.5	90.7





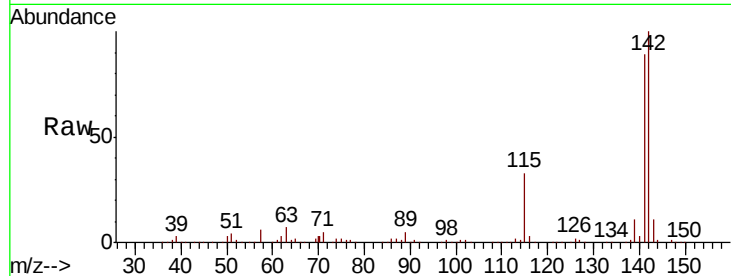
#37
2-Methylnaphthalene
Concen: 40.696 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.9	104.9
115	33.2	28.0	42.0

Manual Integrations
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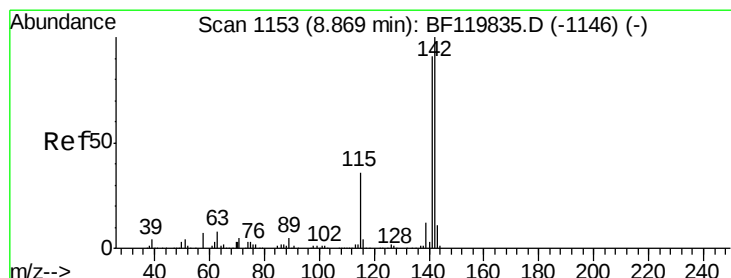
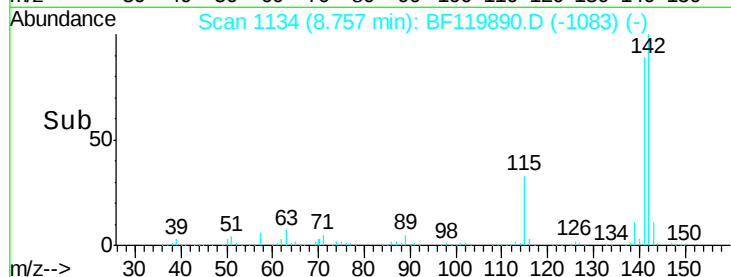
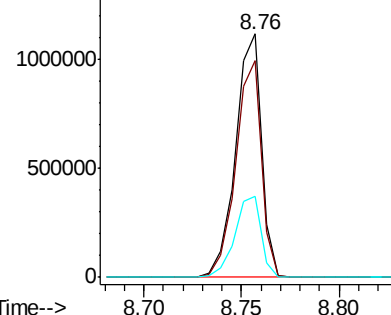


Abundance

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: 40.865 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

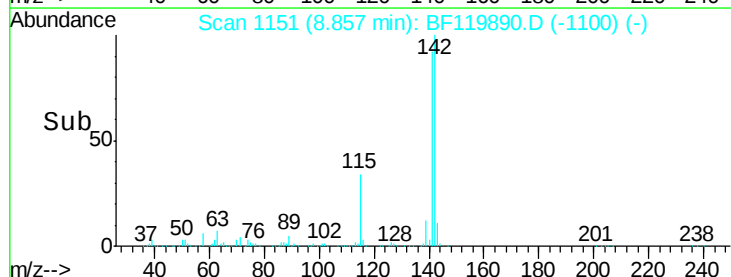
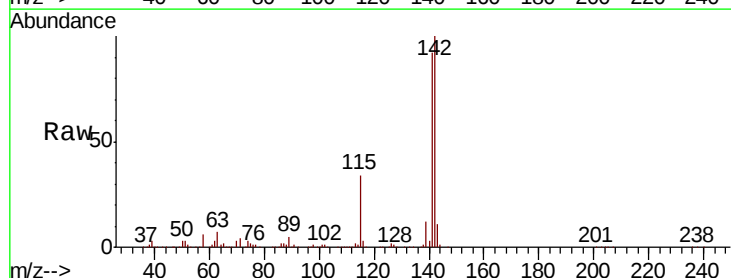
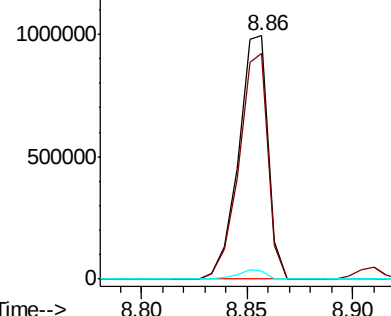
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.9	109.3
116	3.4	3.0	4.6

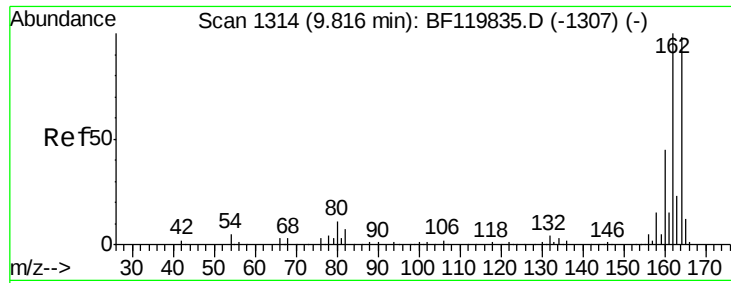
Abundance

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





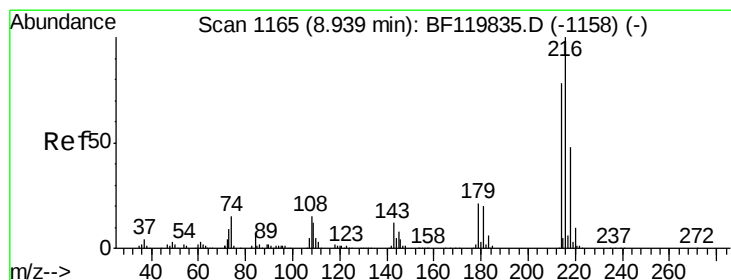
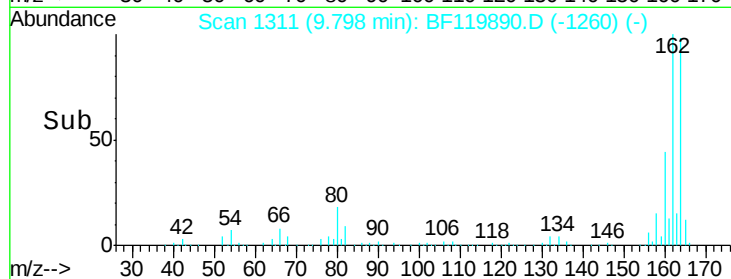
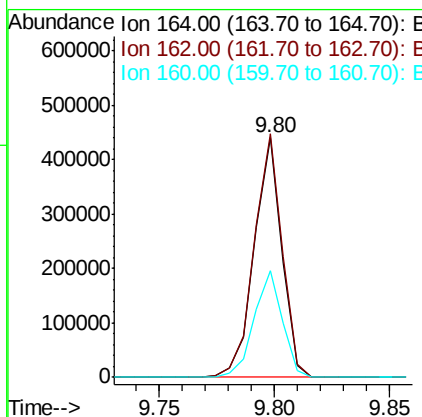
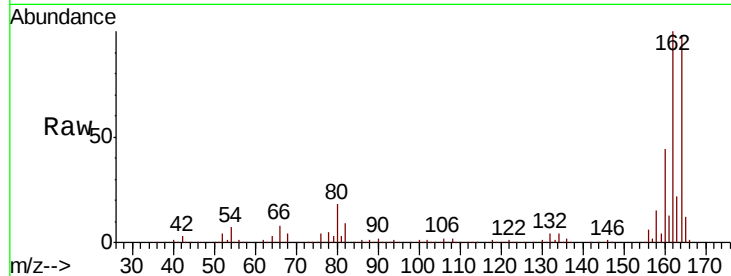
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.9	122.9
160	44.8	36.6	54.8

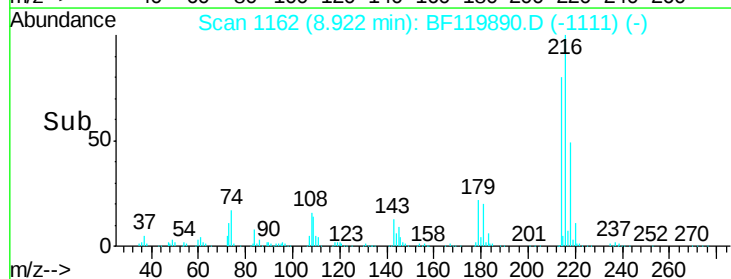
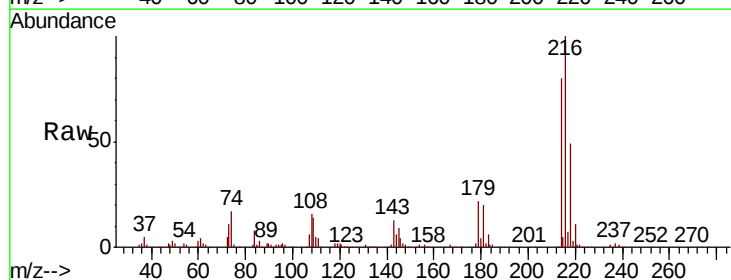
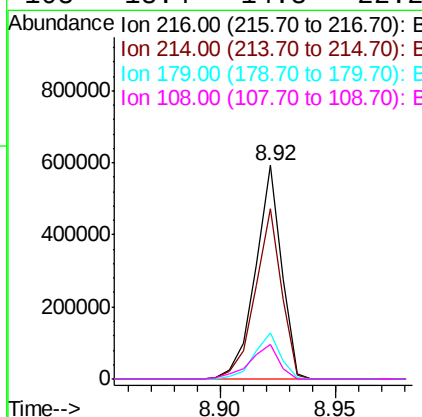
Manual Integrations
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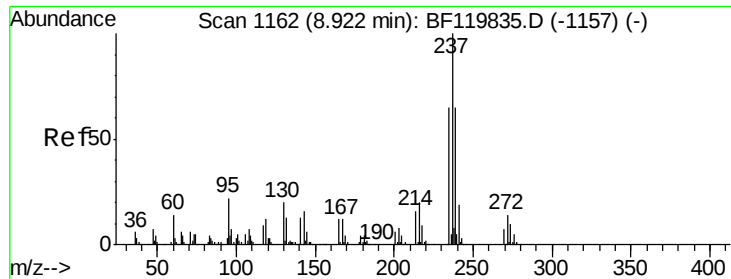
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.378 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.1	94.7
179	21.7	17.0	25.4
108	18.4	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 49.412 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

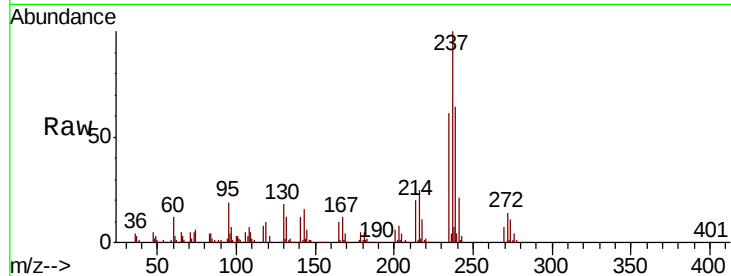
ClientSampleId :

SSTDCCC040

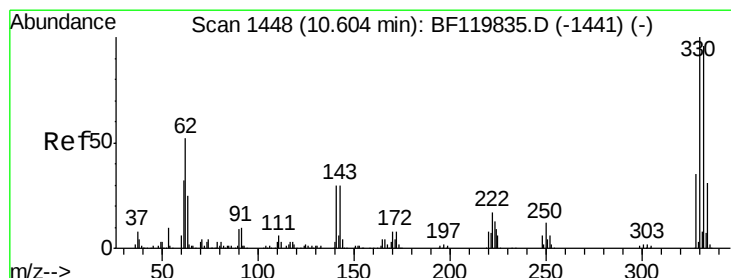
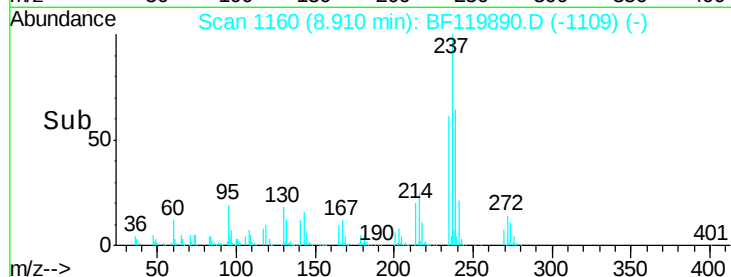
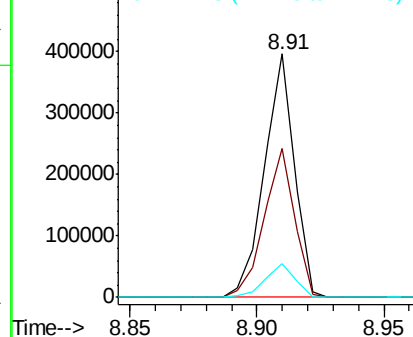
Tot Ion:	237	Resp:	326556
Ion Ratio	Lower	Upper	
237	100		
235	61.3	44.9	84.9
272	13.7	0.0	33.6

Manual Integrations
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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: 83.362 ng

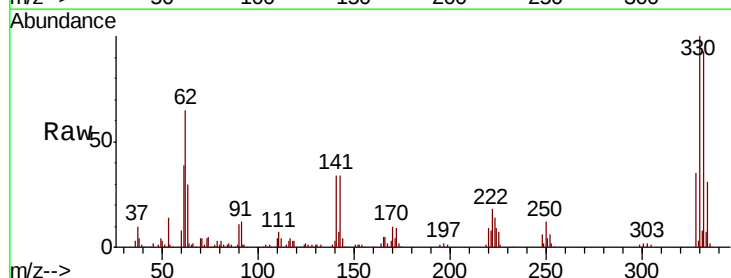
RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

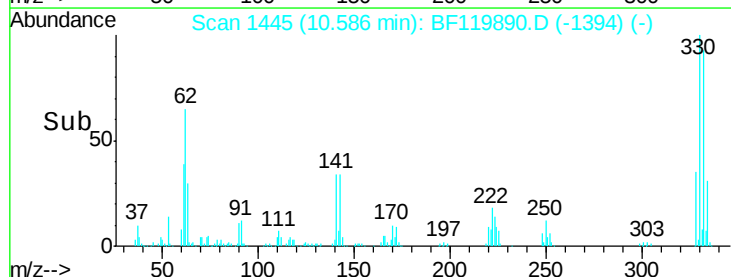
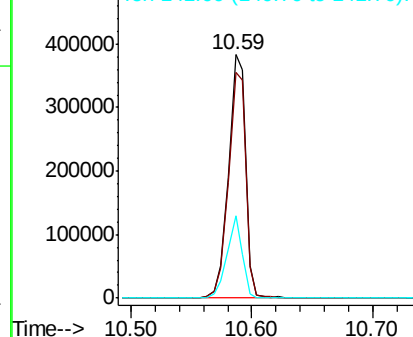
Lab File: BF119890.D

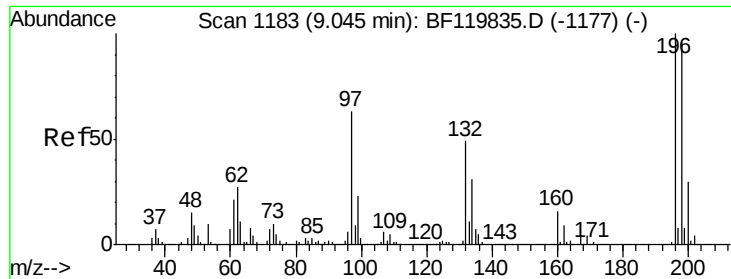
Acq: 10 Apr 2020 13:15

Tgt Ion:	330	Resp:	375570
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.8	115.2
141	30.0	25.1	37.7



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





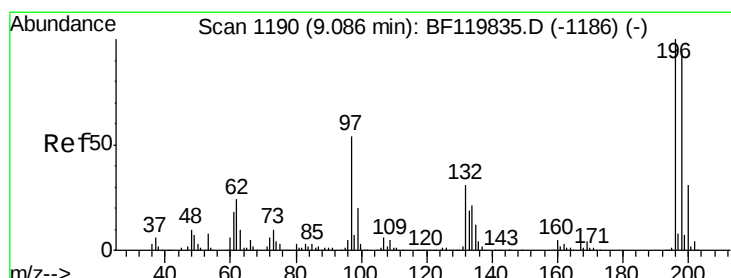
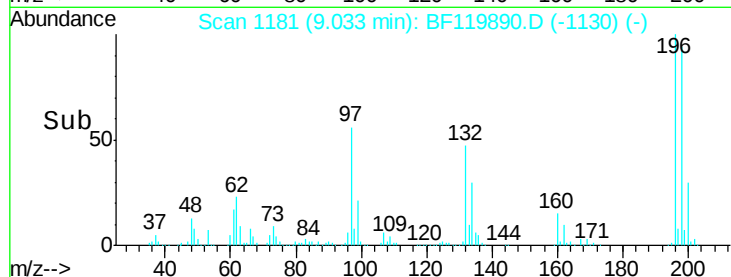
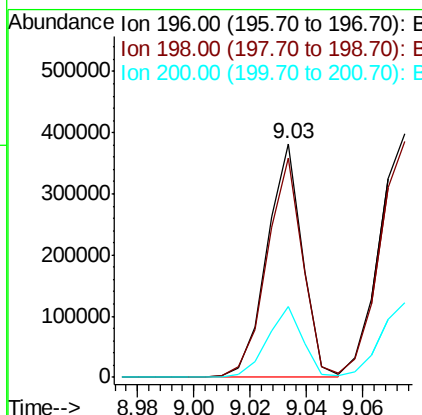
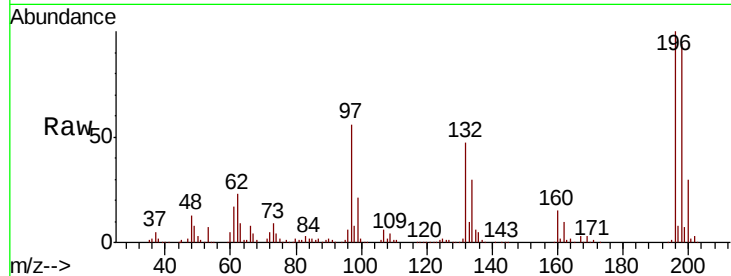
#43
 2,4,6-Trichlorophenol
 Concen: 41.358 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	331926		
198	93.7	76.6	115.0	
200	30.3	24.2	36.2	

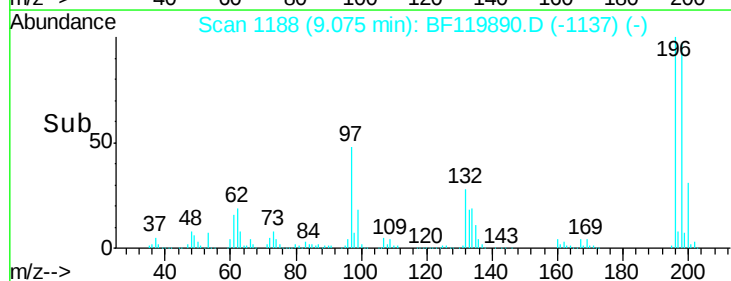
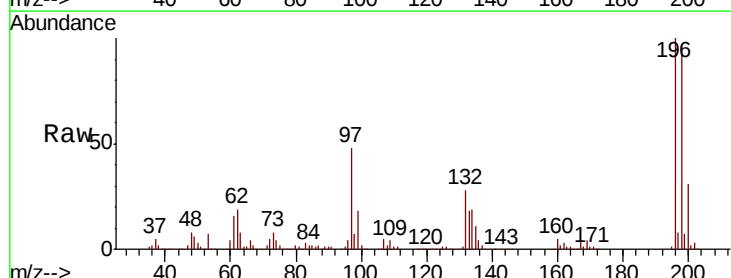
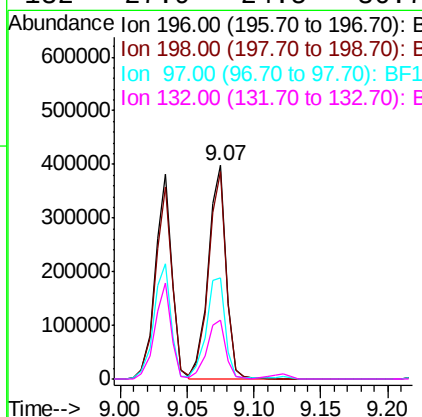
Manual Integrations
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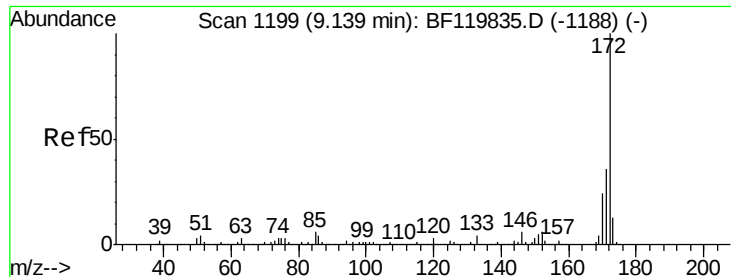
mohammad
 4/14/2020 3:38:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.393 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	374166		
198	96.9	75.1	112.7	
97	47.6	43.4	65.2	
132	27.9	24.5	36.7	





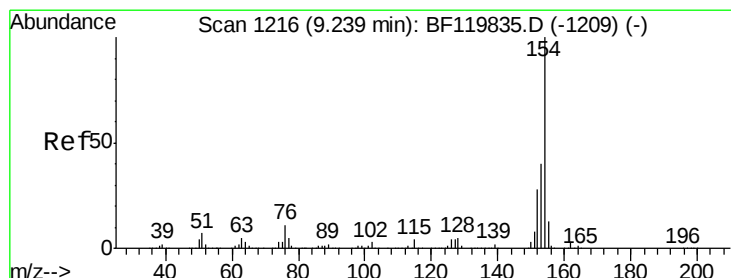
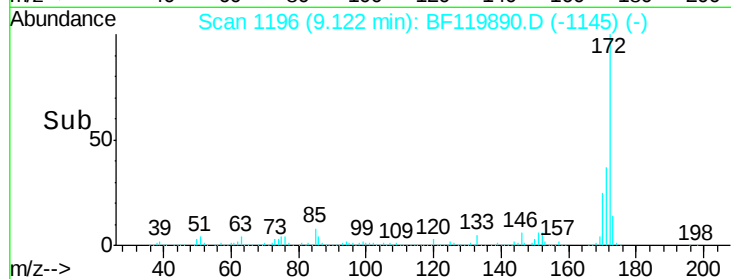
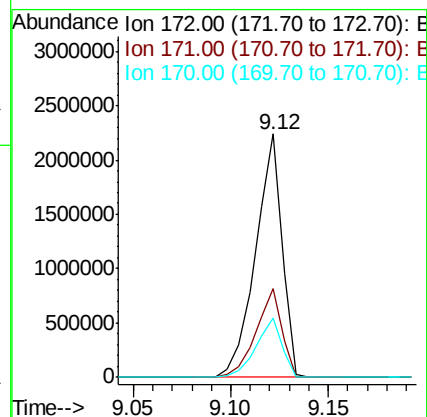
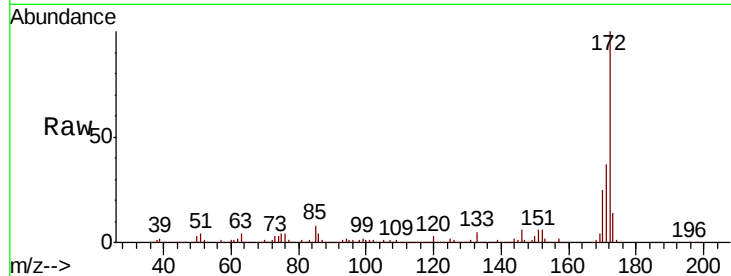
#45
2-Fluorobiphenyl
Concen: 81.112 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.6	19.4	29.2

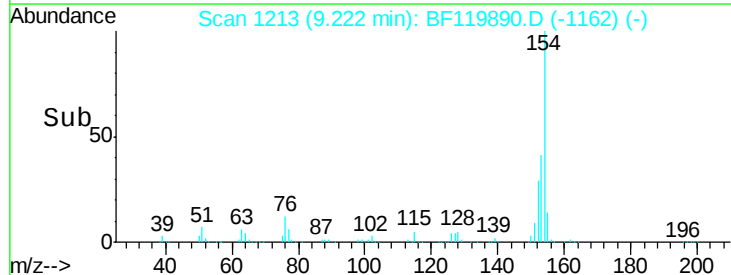
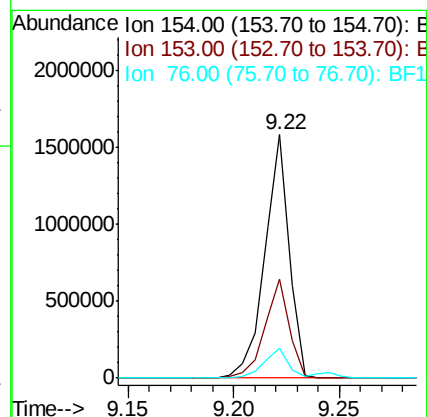
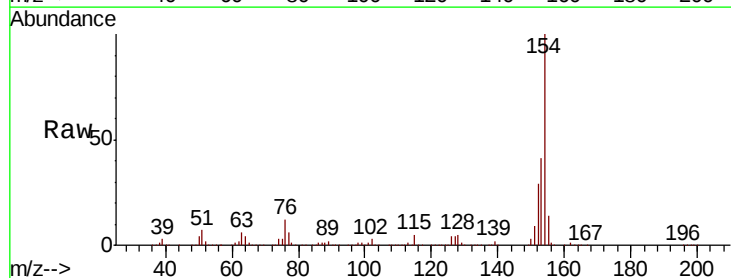
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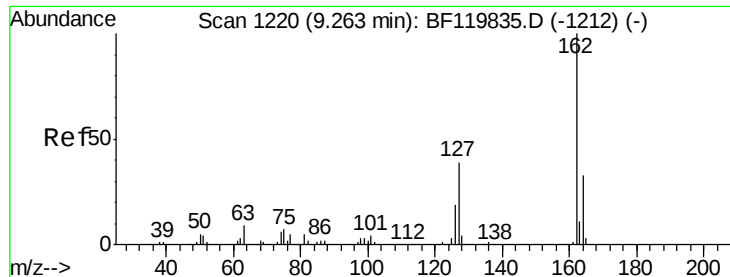
mohammad
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#46
1,1'-Biphenyl
Concen: 40.854 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	12.4	0.0	30.6





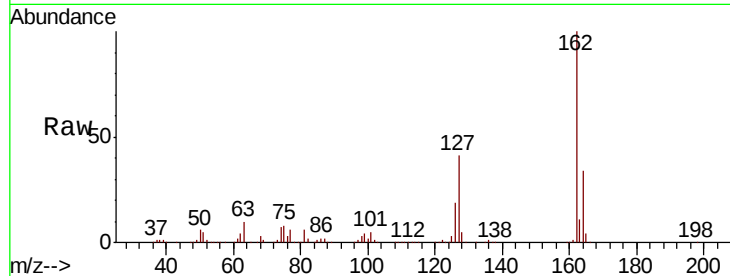
#47
2-Chloronaphthalene
Concen: 41.305 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

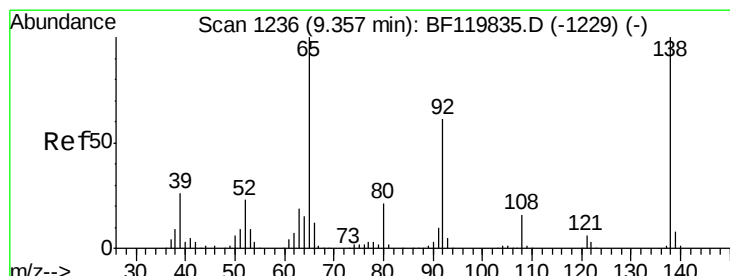
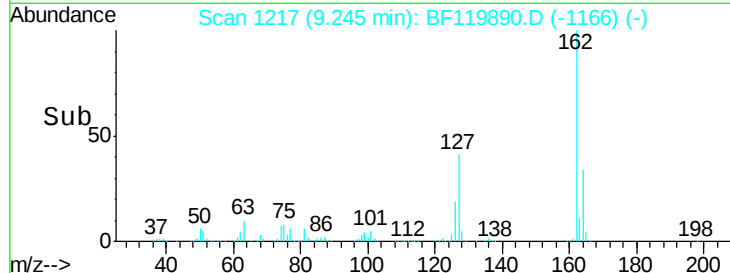
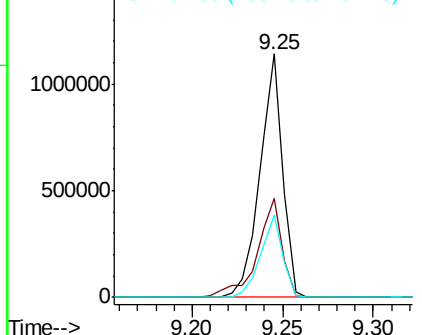
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.2	46.8
164	33.7	26.3	39.5

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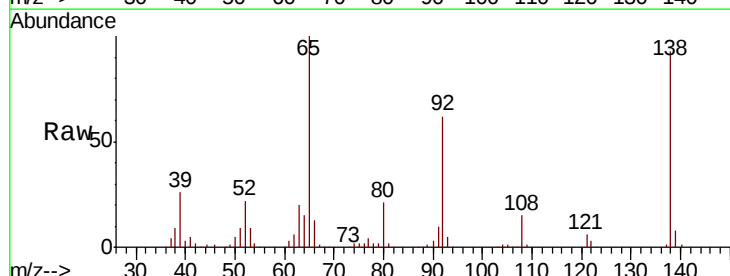


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

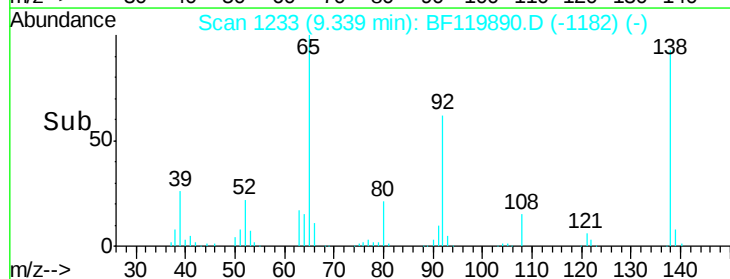
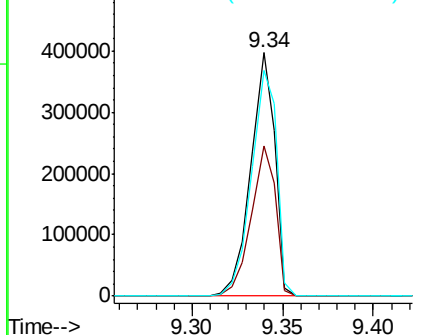


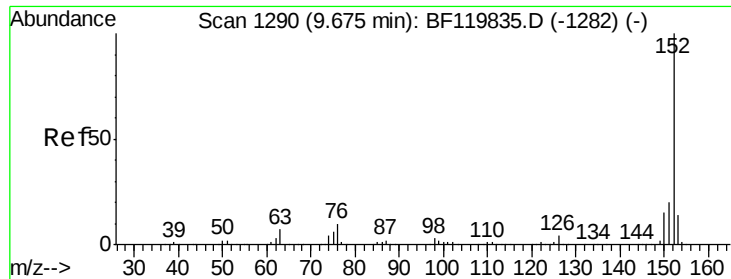
#48
2-Nitroaniline
Concen: 42.359 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	49.0	73.6
138	92.7	79.7	119.5



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





#49

Acenaphthylene

Concen: 42.140 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1533367

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

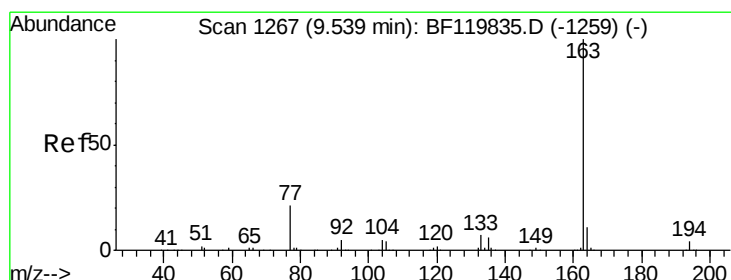
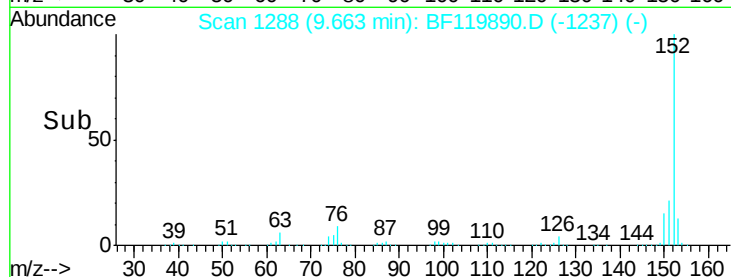
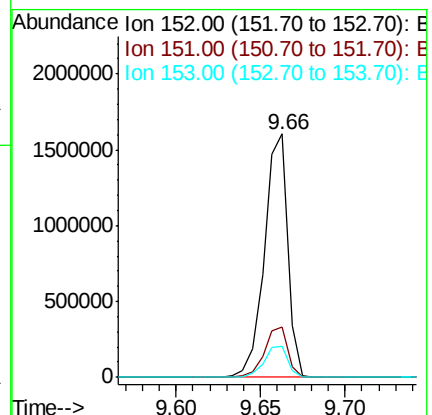
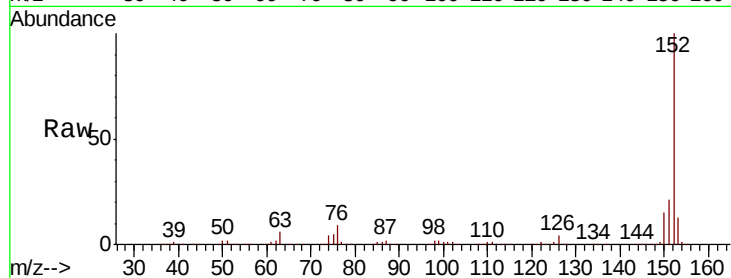
153 13.0 10.9 16.3

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#50

Dimethylphthalate

Concen: 40.061 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

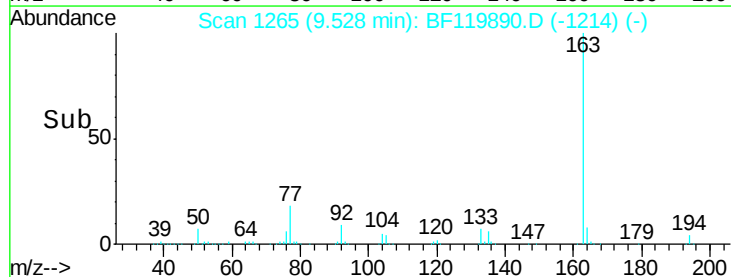
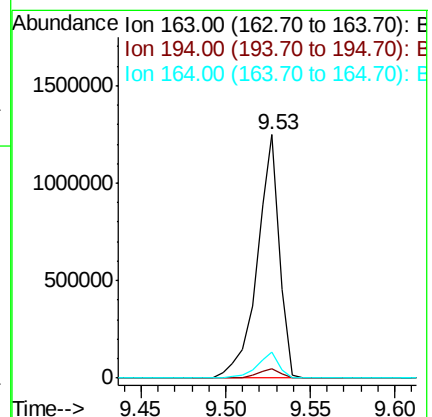
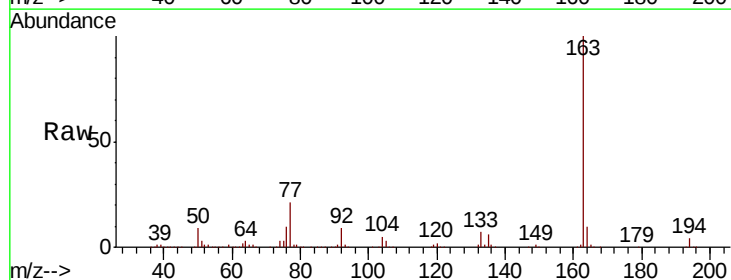
Tgt Ion:163 Resp: 1140231

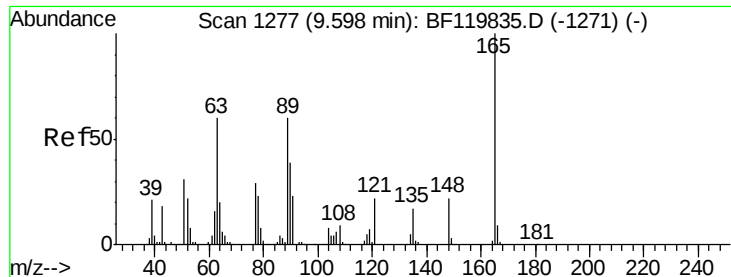
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

164 10.5 8.4 12.6





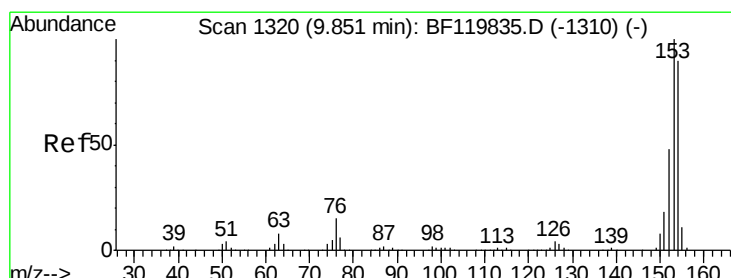
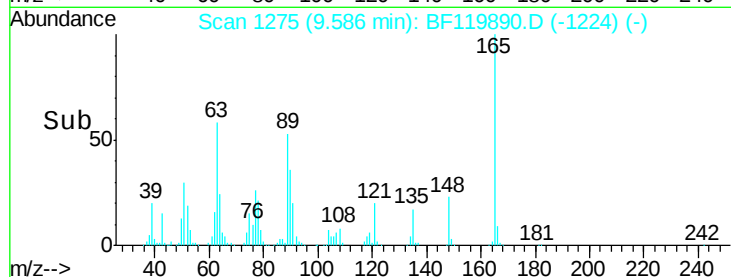
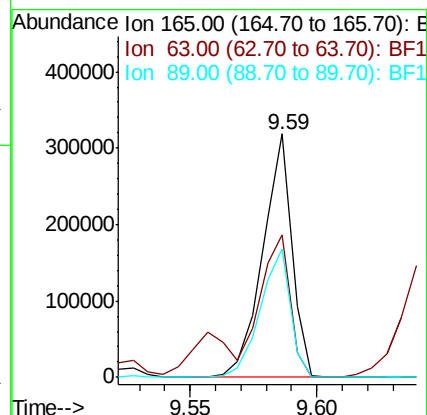
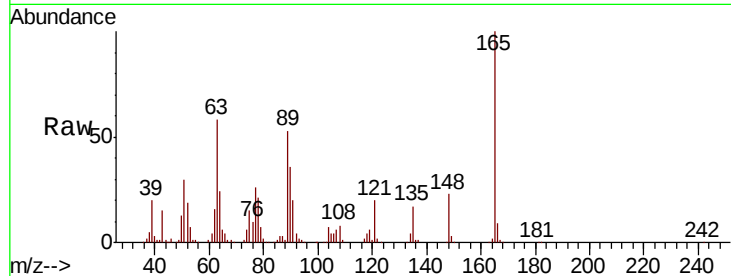
#51
2,6-Dinitrotoluene
Concen: 41.376 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257892		
63	58.4		55.6	83.4
89	52.9		47.9	71.9

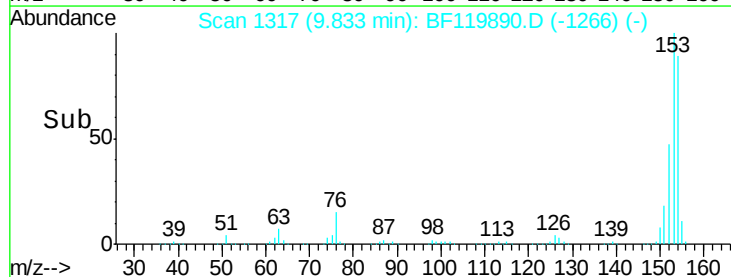
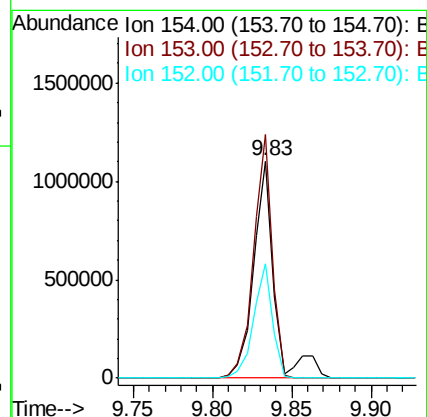
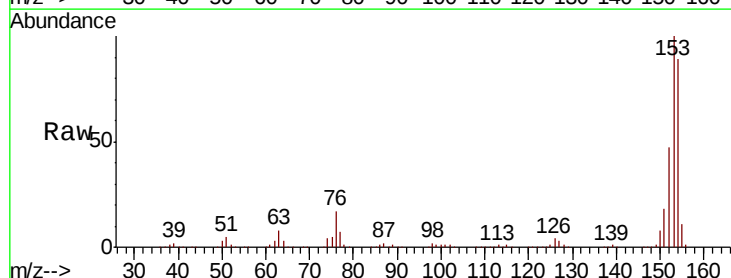
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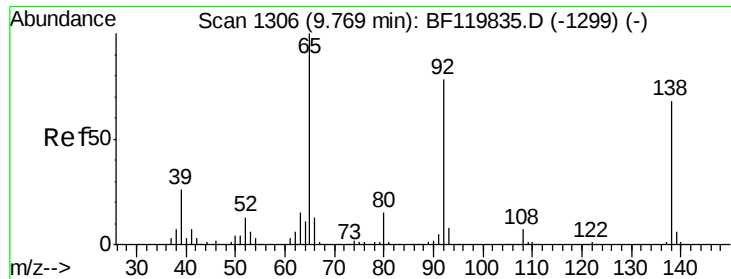
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#52
Acenaphthene
Concen: 42.210 ng m
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1024552		
153	112.0		88.8	133.2
152	52.5		42.4	63.6





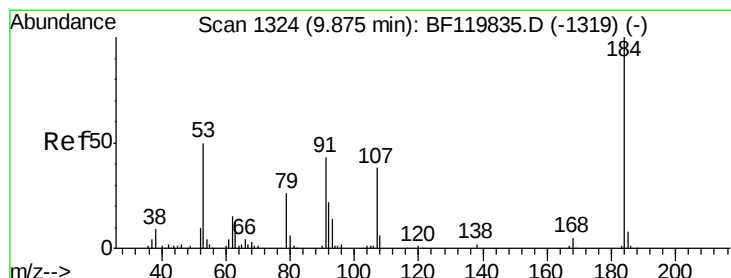
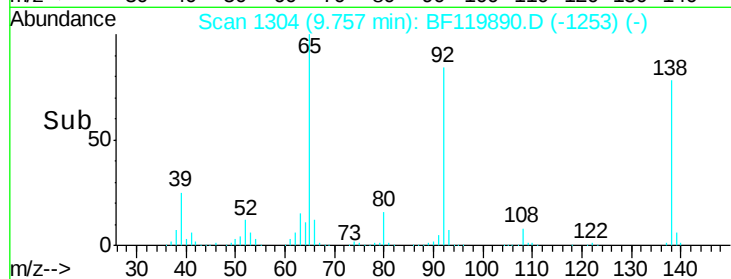
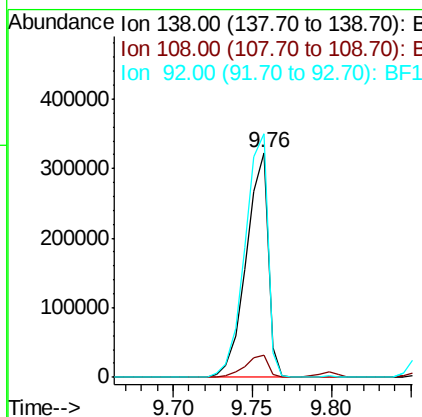
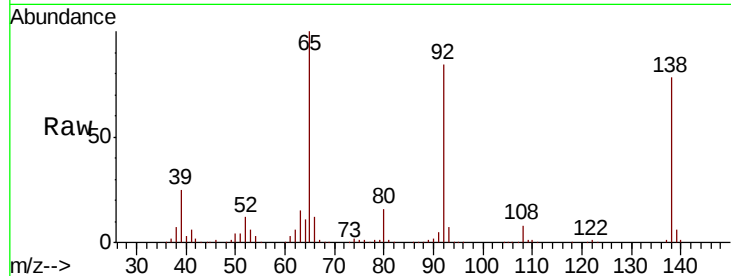
#53
3-Nitroaniline
Concen: 43.365 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	308696		
108	9.8	8.0	12.0	
92	108.3	92.1	138.1	

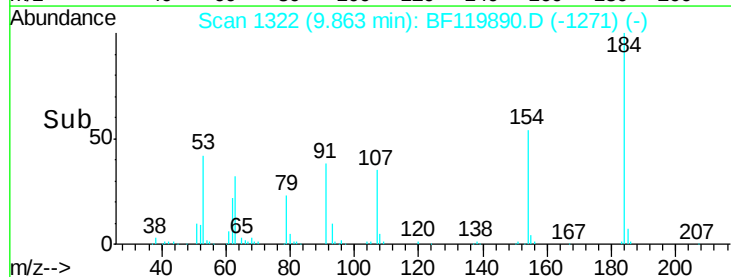
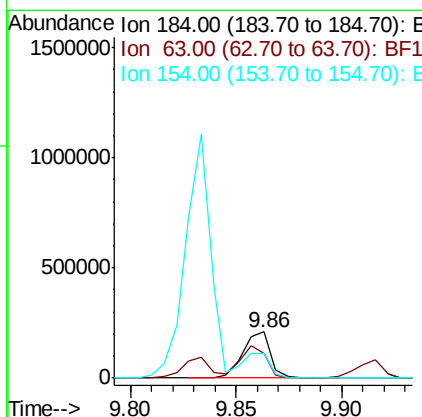
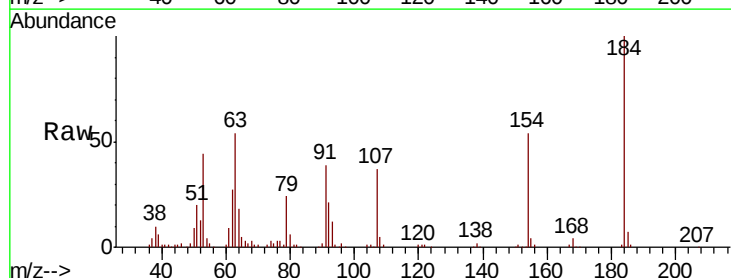
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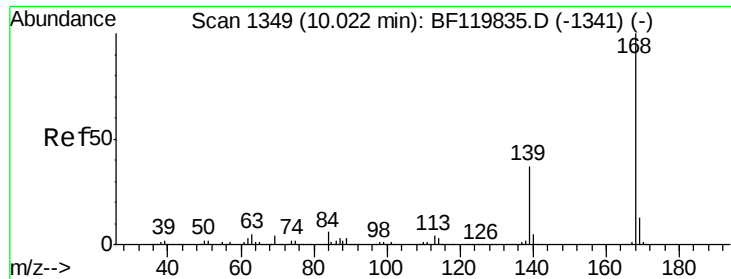
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#54
2,4-Dinitrophenol
Concen: 52.121 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	194496		
63	53.9	49.8	74.6	
154	53.8	46.5	69.7	





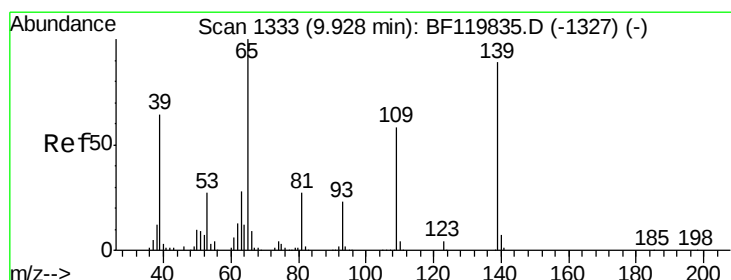
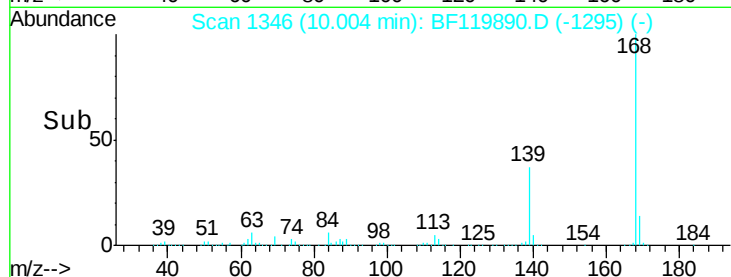
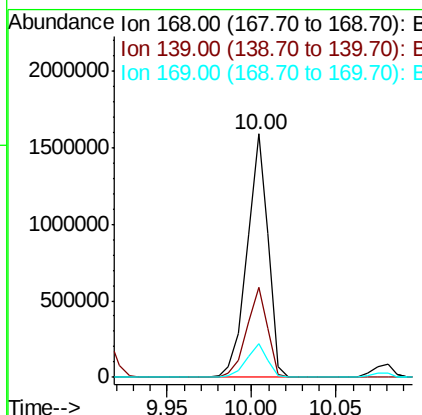
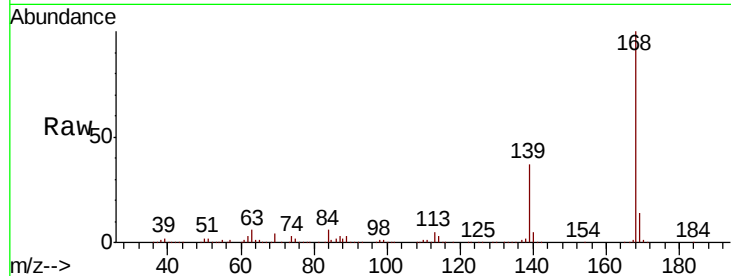
#55
Dibenzofuran
Concen: 41.292 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1375389
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 14.1 10.6 15.8

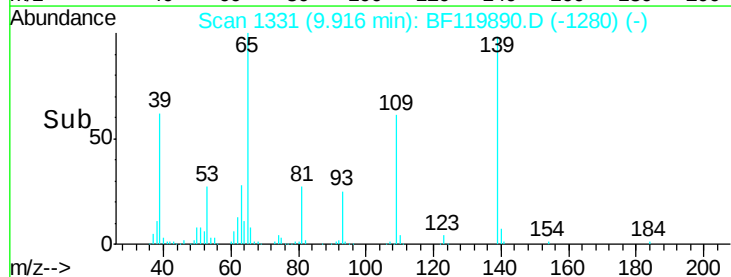
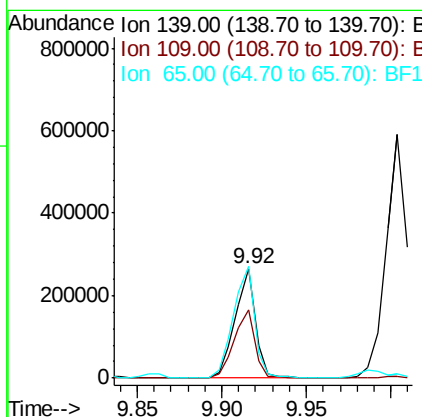
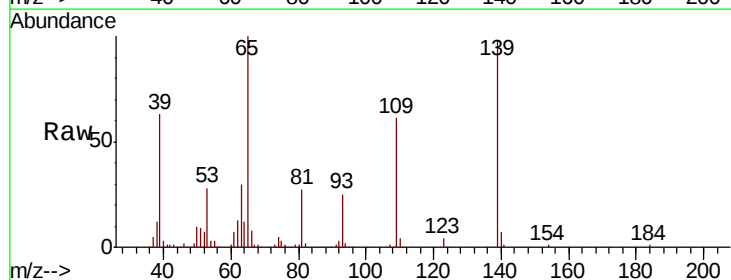
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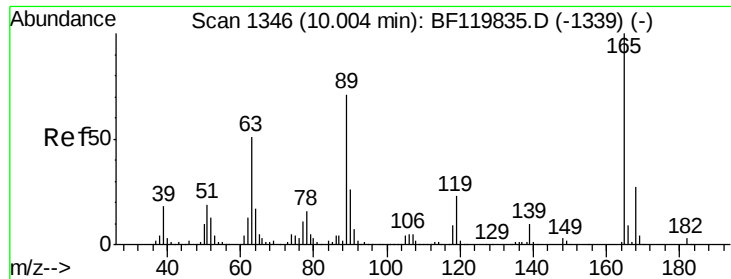
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#56
4-Nitrophenol
Concen: 42.391 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion:139 Resp: 224526
Ion Ratio Lower Upper
139 100
109 62.1 45.5 85.5
65 102.3 92.3 132.3





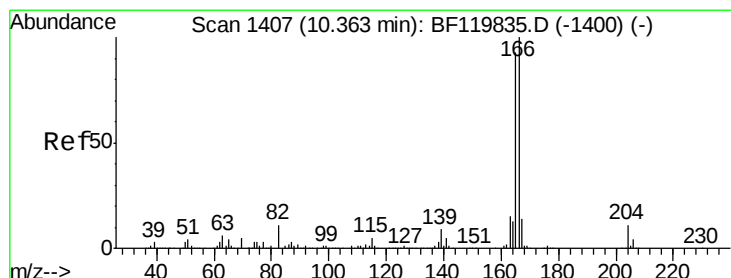
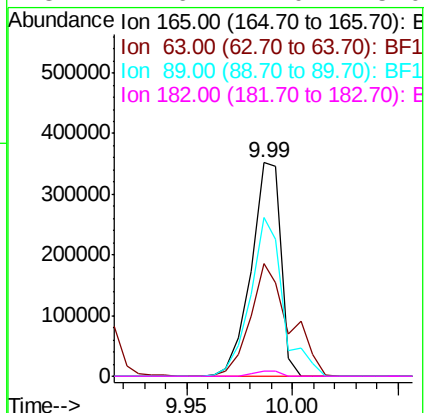
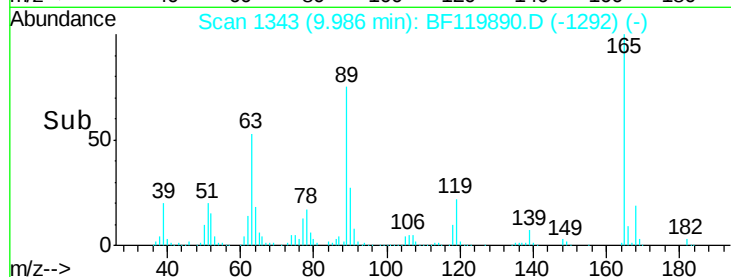
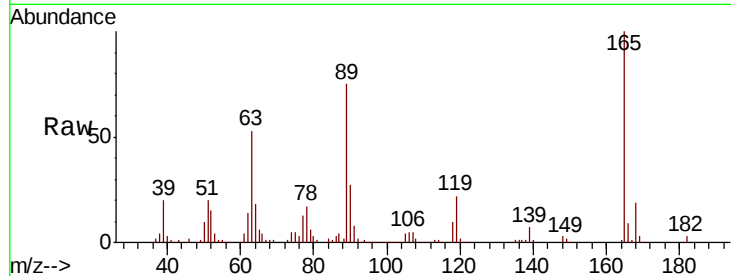
#57
2,4-Dinitrotoluene
Concen: 42.169 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	40.8	61.2
89	74.6	56.9	85.3
182	2.6	2.0	3.0

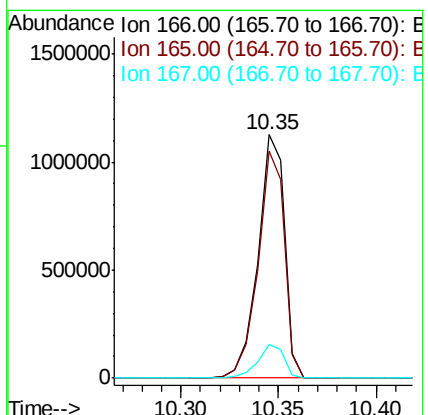
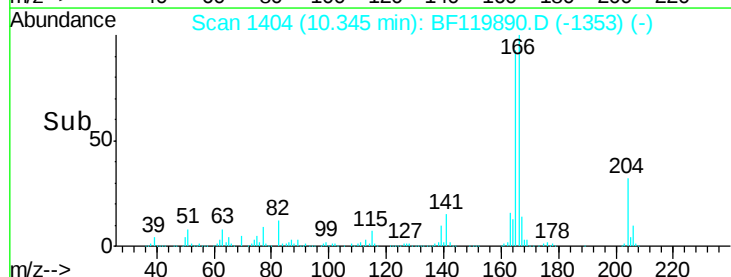
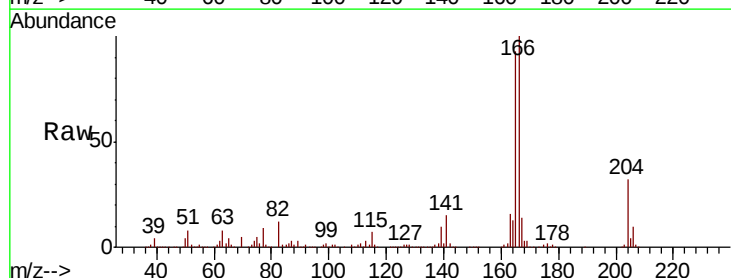
Manual Integrations
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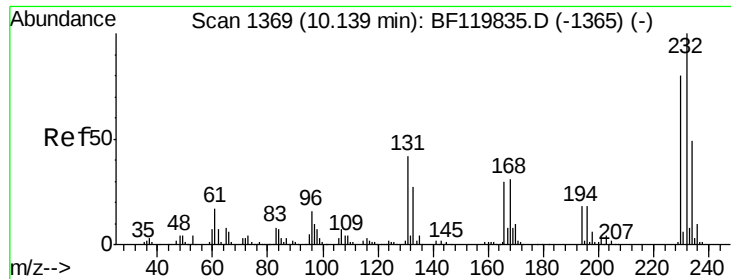
mohammad
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#58
Fluorene
Concen: 39.690 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.5	74.2	111.2
167	13.8	10.8	16.2





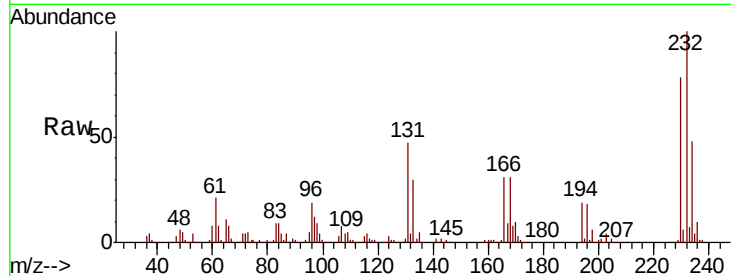
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.482 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.9	56.9
130	2.1	1.8	2.6
166	31.5	25.4	38.0

Manual Integrations
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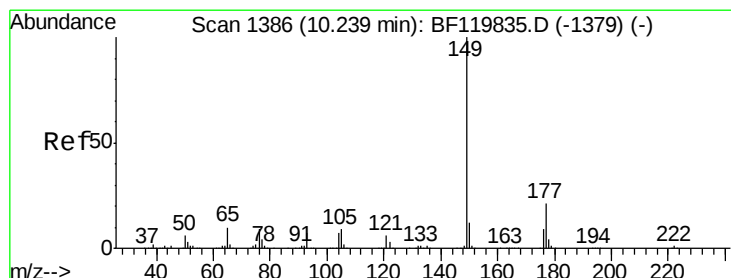
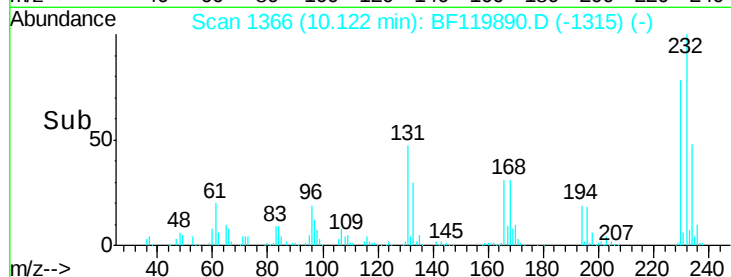
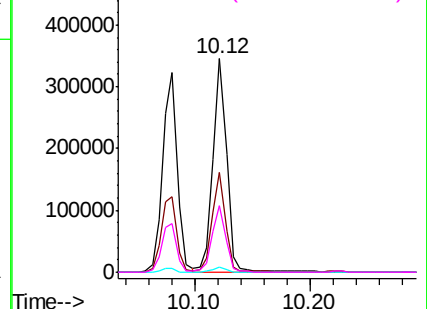
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

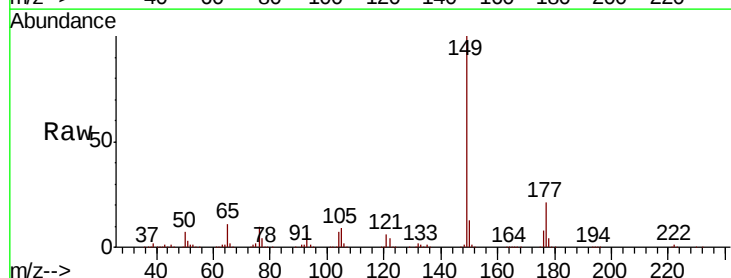
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.505 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.8	25.2
150	12.7	9.8	14.6

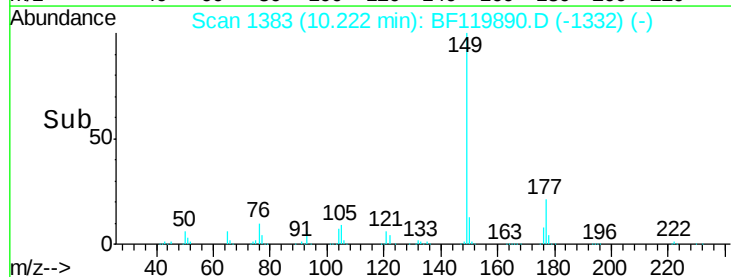
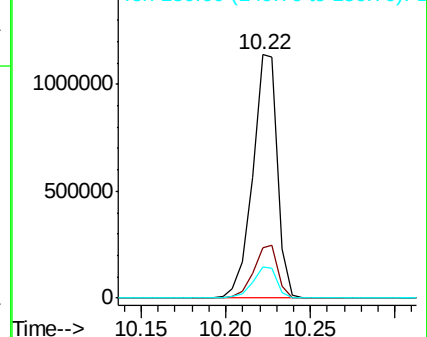


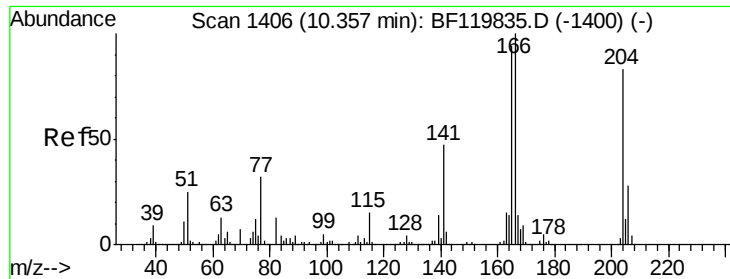
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





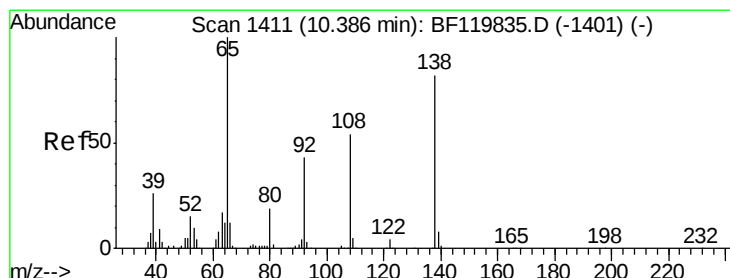
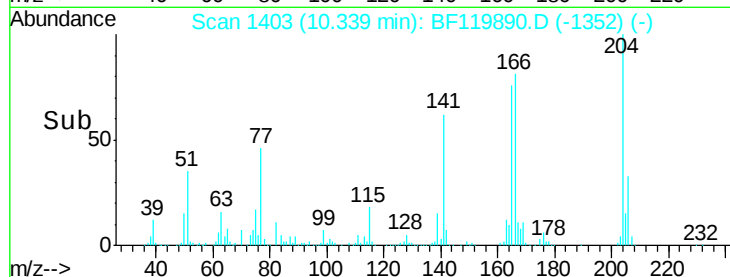
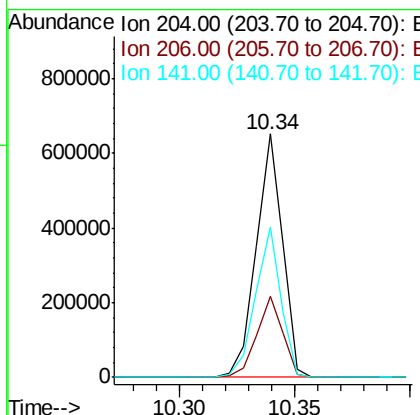
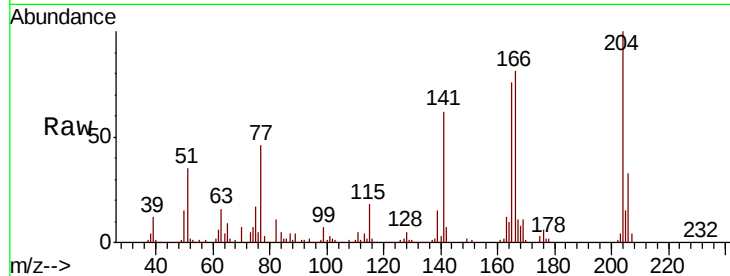
#61
 4-Chlorophenyl-phenylether
 Concen: 38.161 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.7	40.1
141	61.7	45.8	68.8

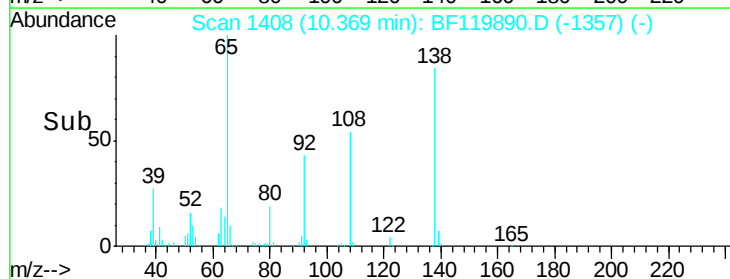
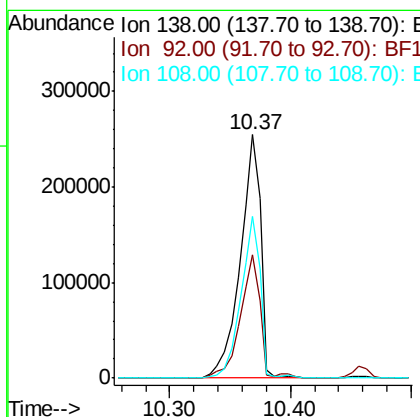
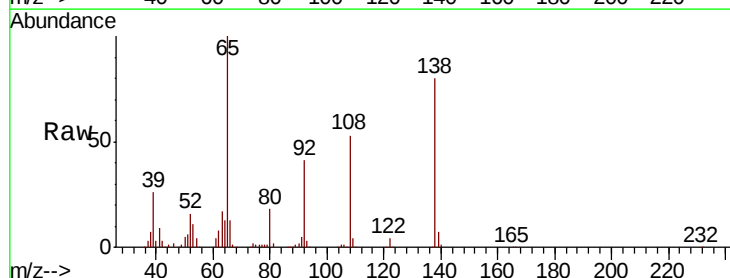
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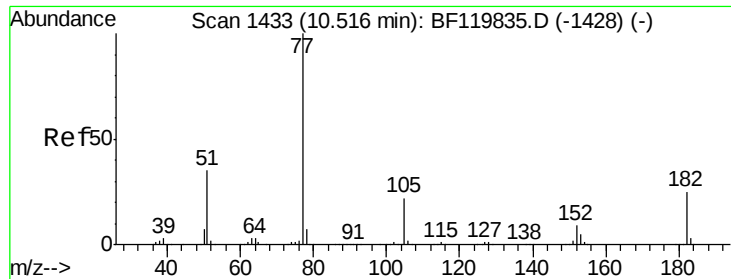
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#62
 4-Nitroaniline
 Concen: 44.309 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.6	71.6
108	66.2	45.2	85.2





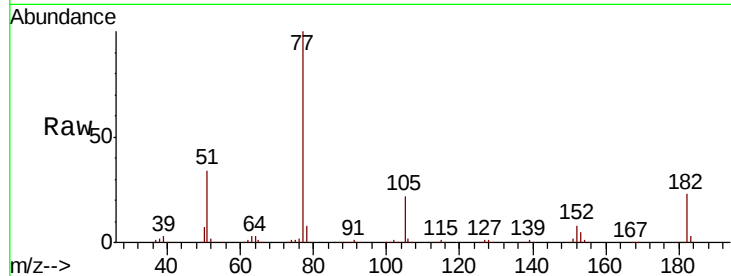
#63
Azobenzene
Concen: 41.533 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	4.5	44.5
105	21.9	2.2	42.2
51	33.9	15.1	55.1

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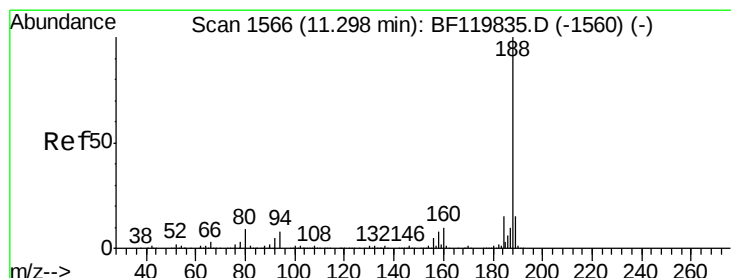
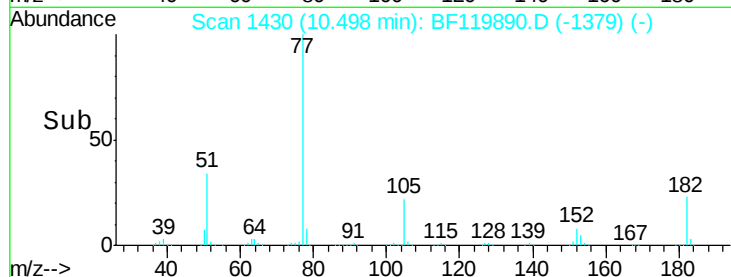
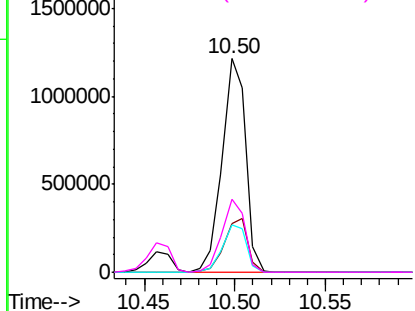
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

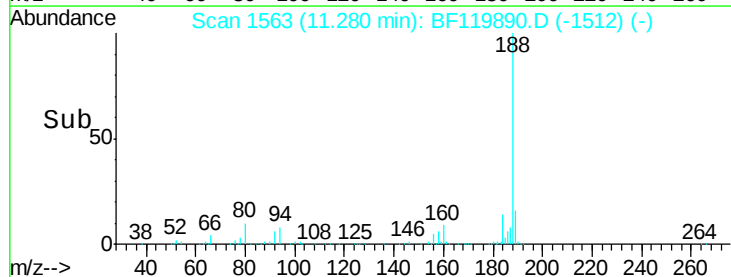
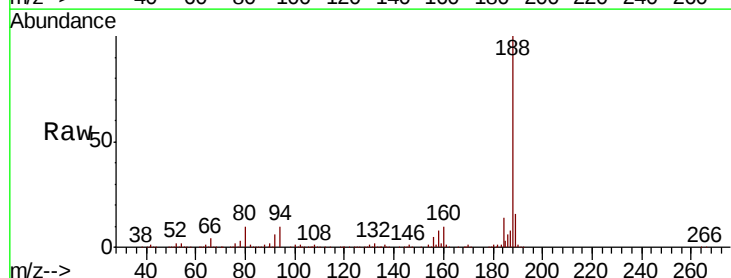
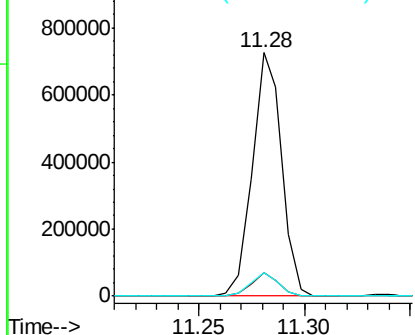
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.7	10.1
80	9.7	7.4	11.2

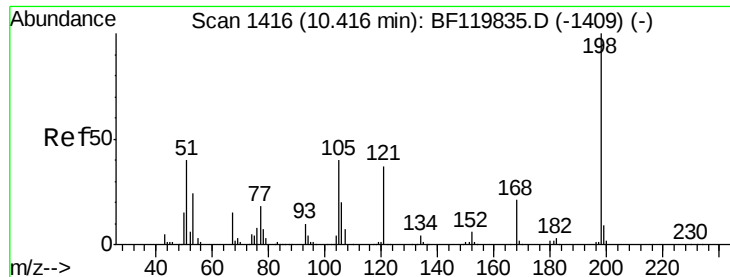
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





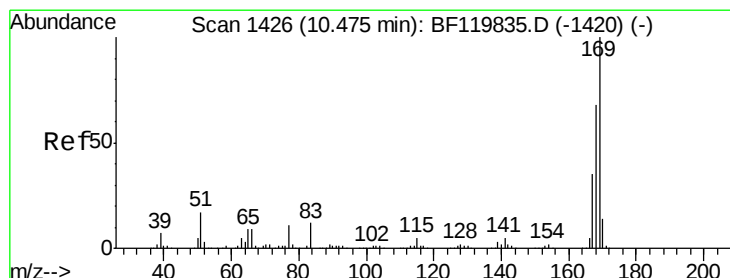
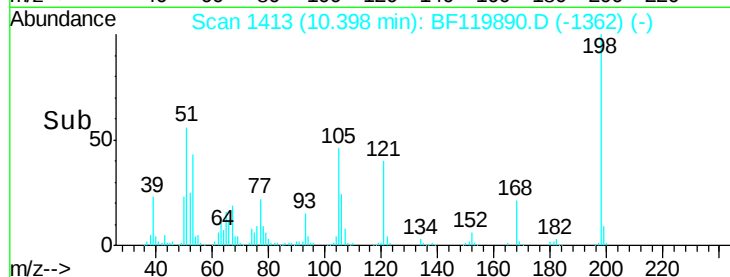
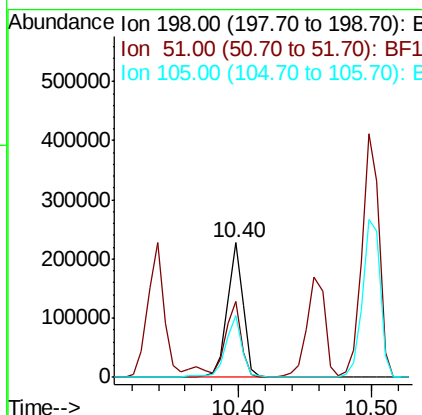
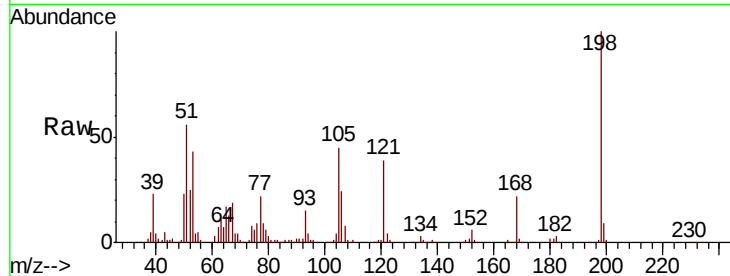
#65
4,6-Dinitro-2-methylphenol
Concen: 42.239 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	194271		
51	56.1	25.2	65.2	
105	45.5	20.8	60.8	

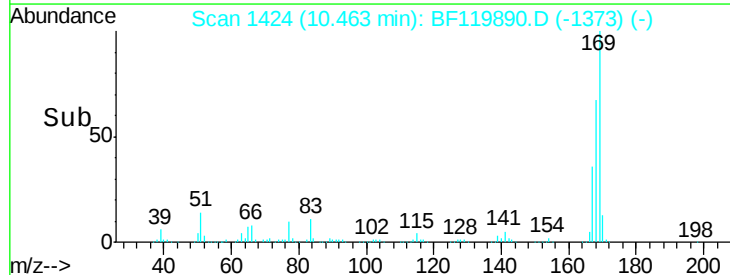
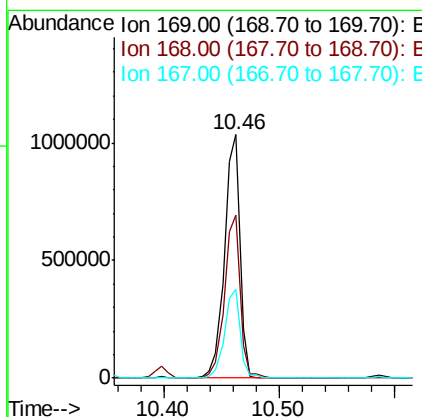
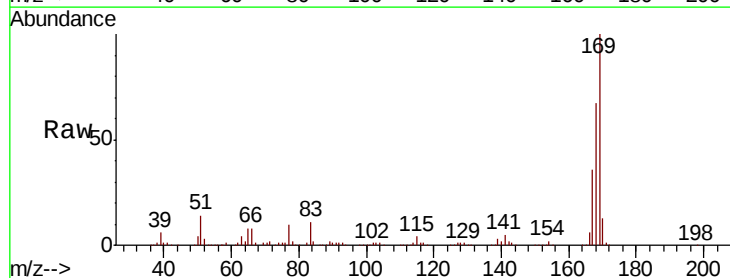
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#66
n-Nitrosodiphenylamine
Concen: 41.259 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	957935		
168	67.1	54.2	81.4	
167	36.3	28.3	42.5	





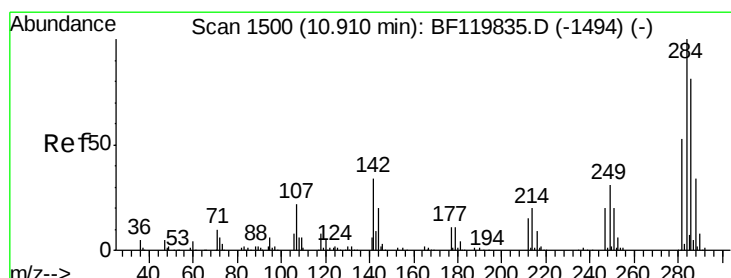
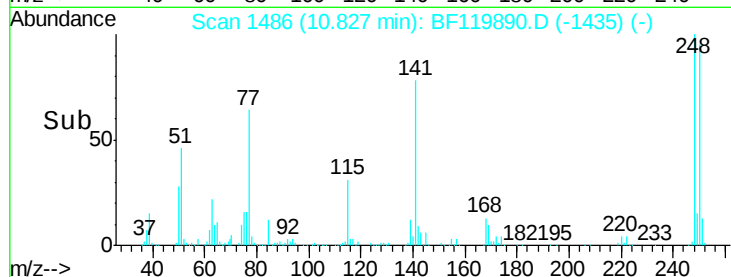
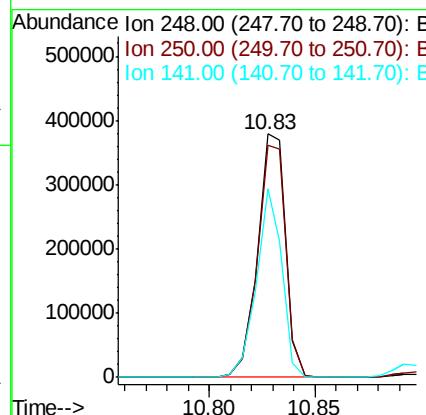
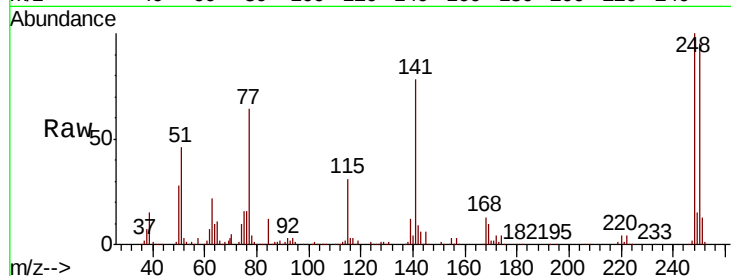
#67
 4-Bromophenyl-phenylether
 Concen: 40.436 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.6	114.8
141	77.6	55.9	83.9

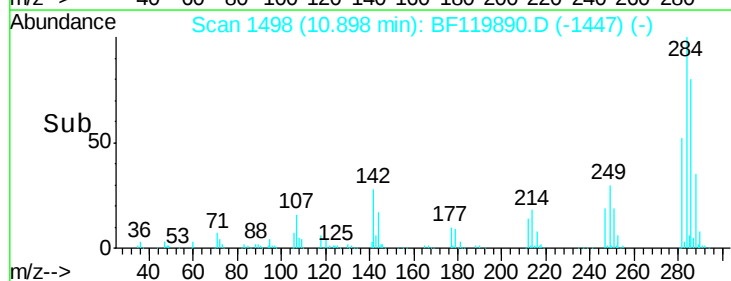
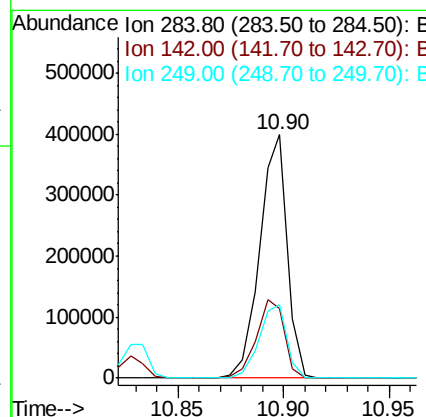
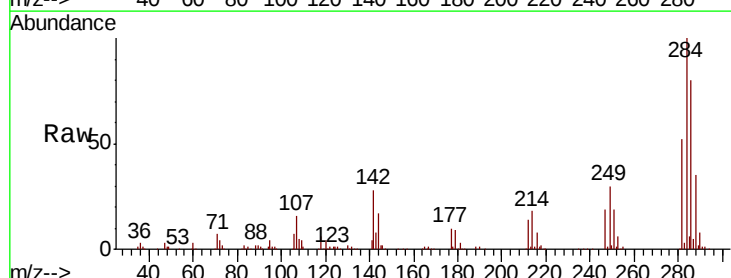
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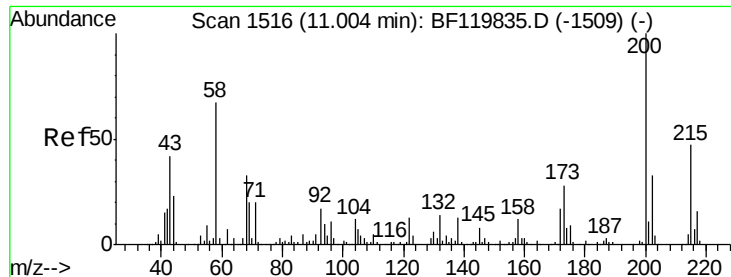
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#68
 Hexachlorobenzene
 Concen: 40.922 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	26.9	40.3
249	30.0	24.6	37.0





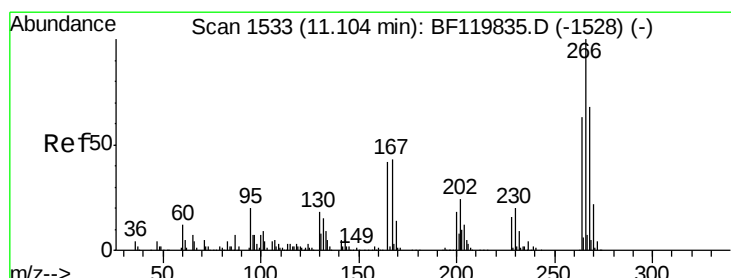
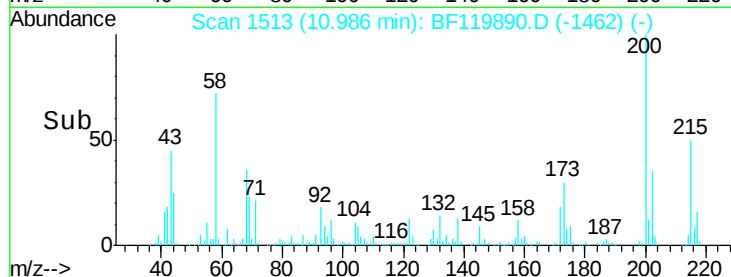
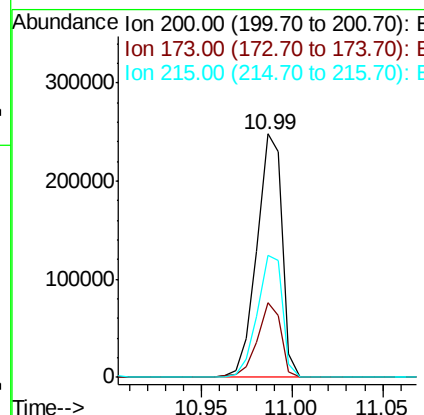
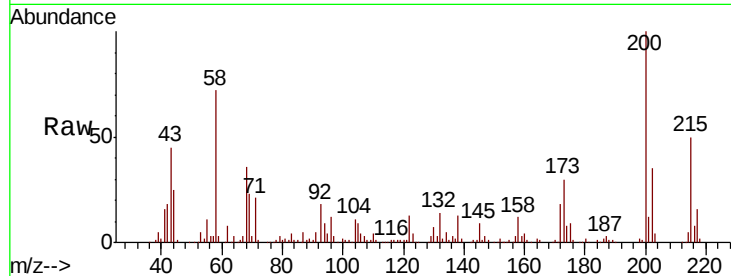
#69
Atrazine
Concen: 37.148 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.4	8.0	48.0
215	49.9	27.1	67.1

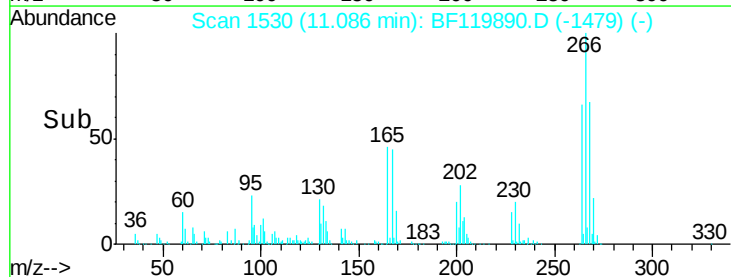
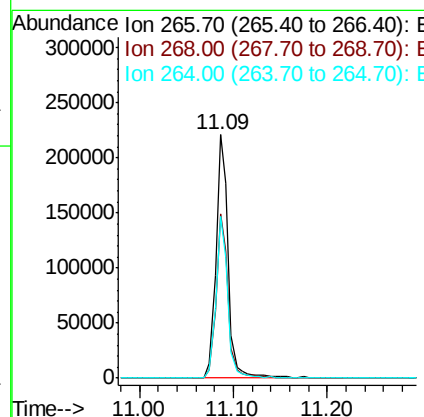
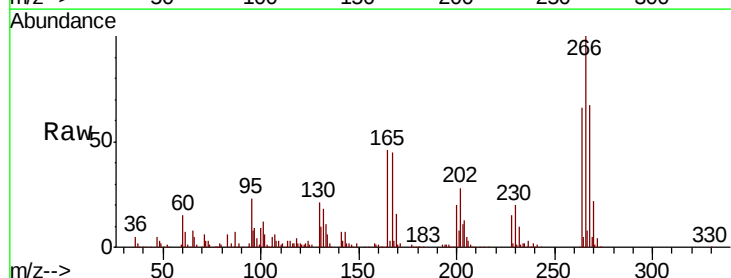
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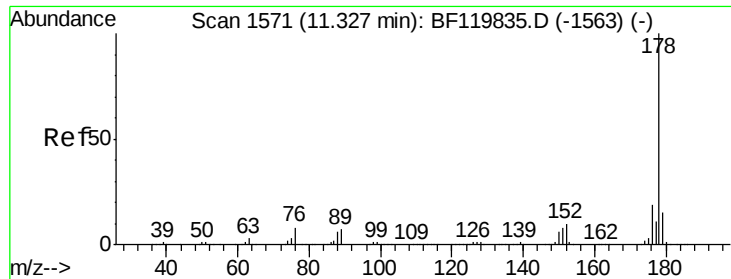
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#70
Pentachlorophenol
Concen: 40.550 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.4	54.2	81.4
264	66.3	50.6	76.0





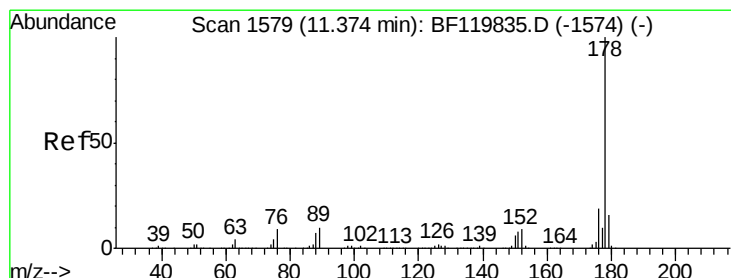
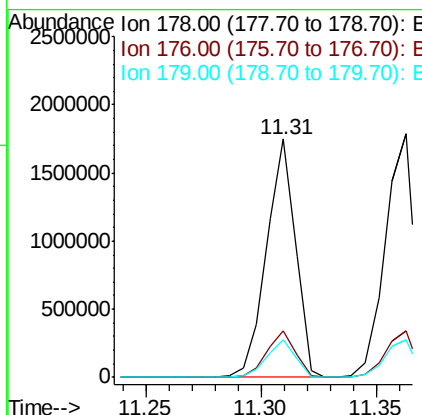
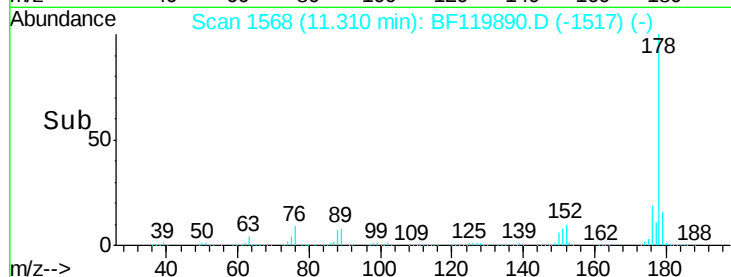
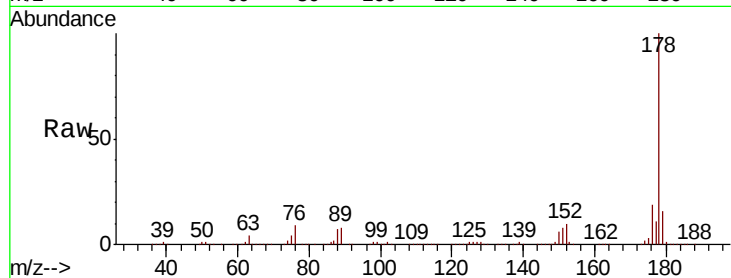
#71
Phenanthrene
Concen: 41.057 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1525469
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.8 12.2 18.4

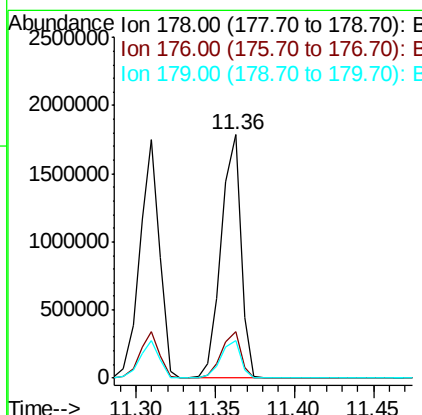
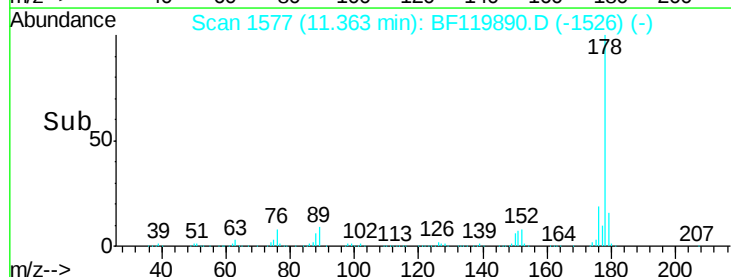
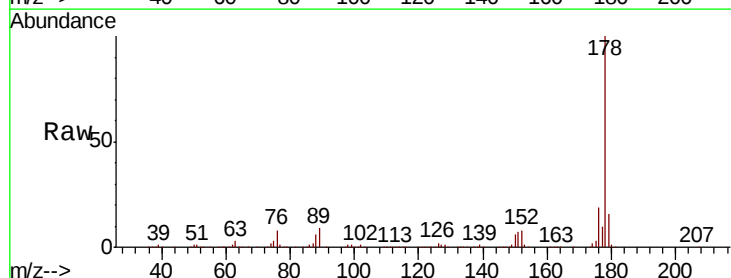
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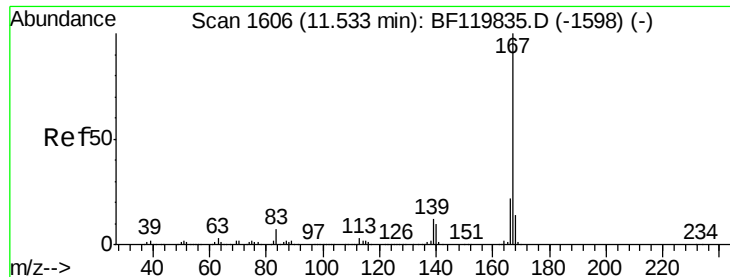
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#72
Anthracene
Concen: 40.926 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion:178 Resp: 1553398
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.8 19.2





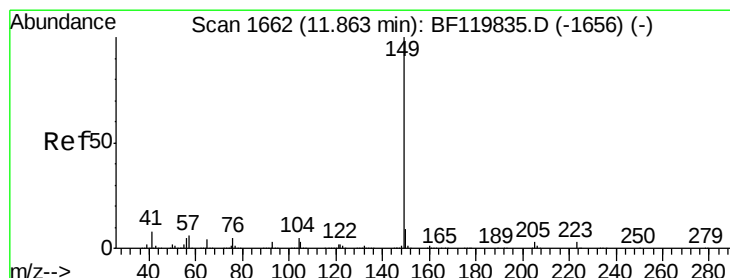
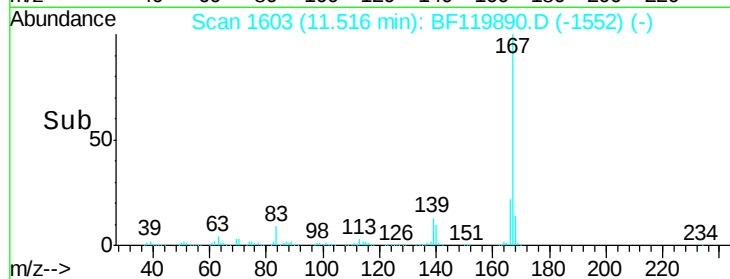
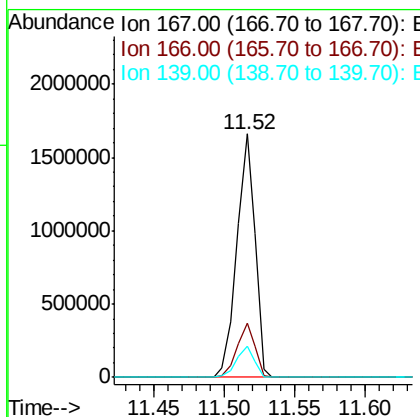
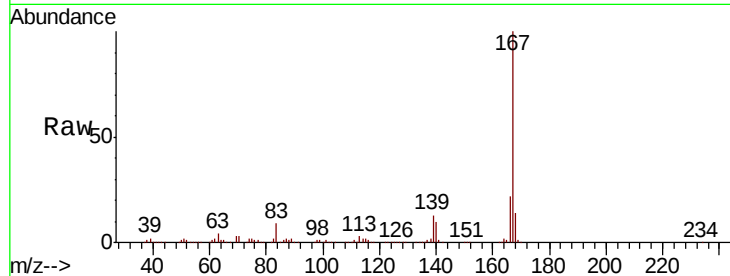
#73
 Carbazole
 Concen: 41.413 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	12.9	9.8	14.8

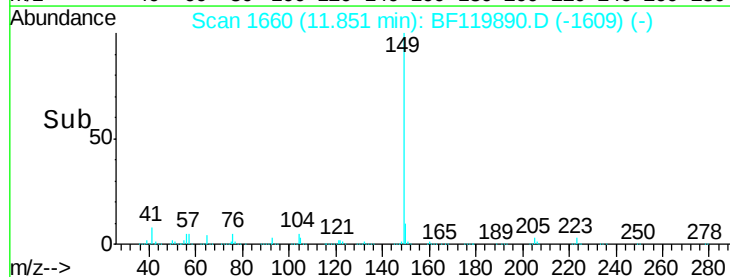
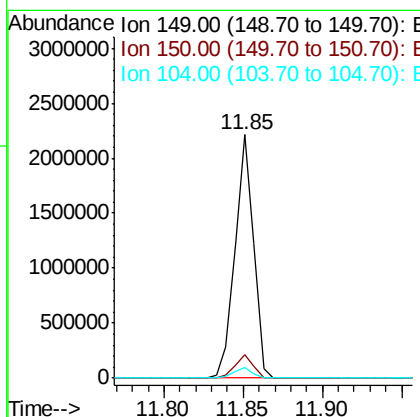
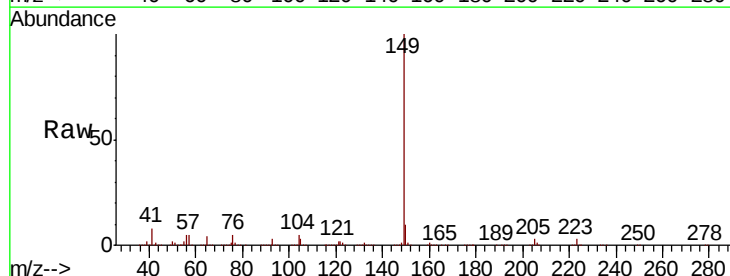
Manual Integrations
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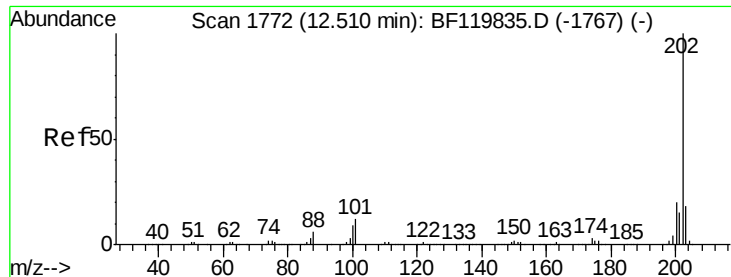
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#74
 Di-n-butylphthalate
 Concen: 38.070 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.6	3.8	5.6





#75

Fluoranthene

Concen: 41.033 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

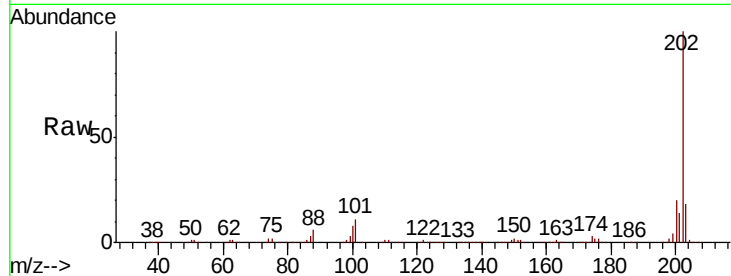
ClientSampleId :

SSTDCCC040

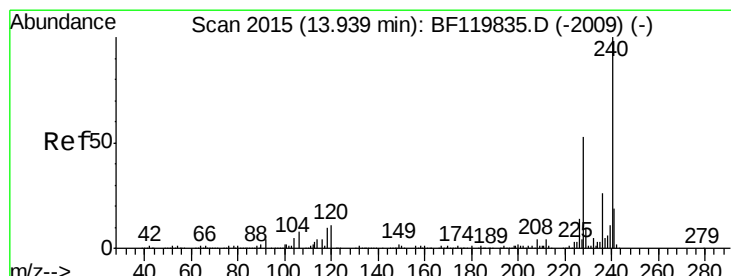
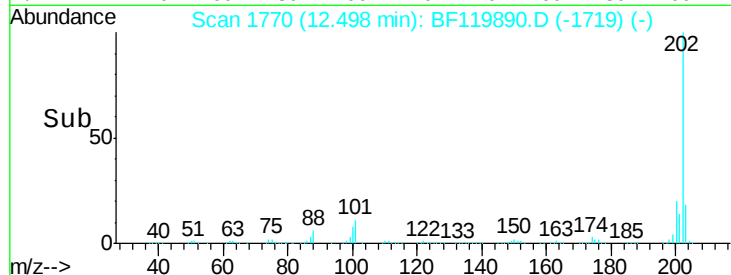
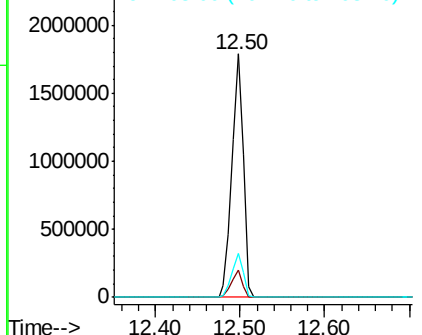
Tot Ion:	202	Resp:	1645007
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	32.3
203	18.1	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

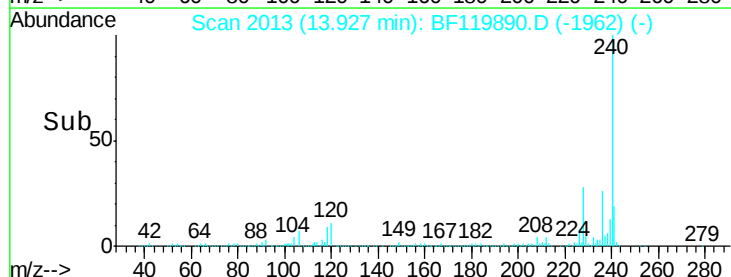
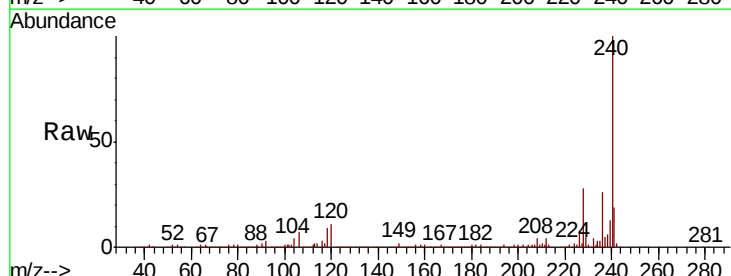
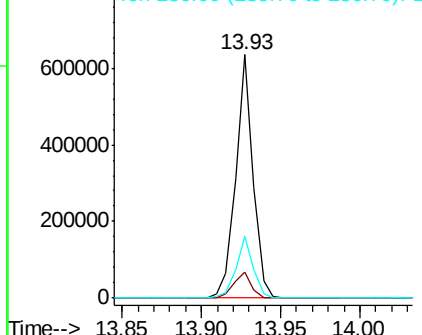
Delta R.T. 0.00 min

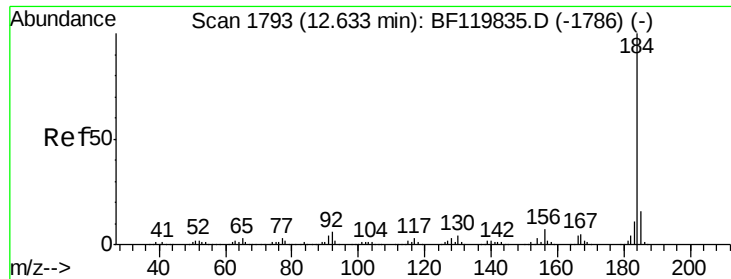
Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion:	240	Resp:	480320
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.0	13.6
236	25.5	20.7	31.1

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





#77

Benzidine

Concen: 38.620 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

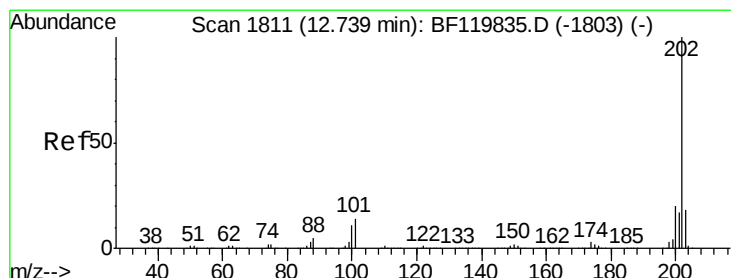
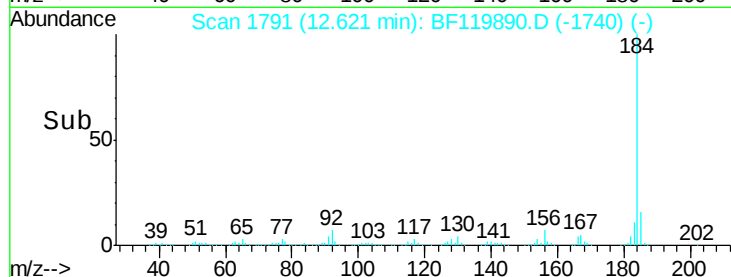
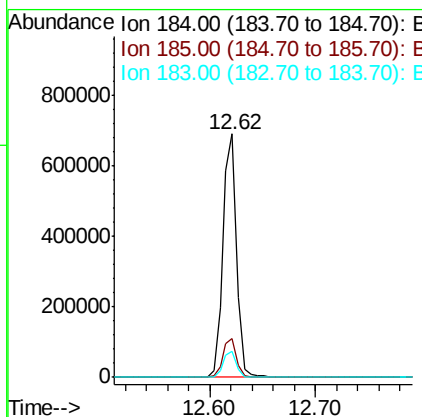
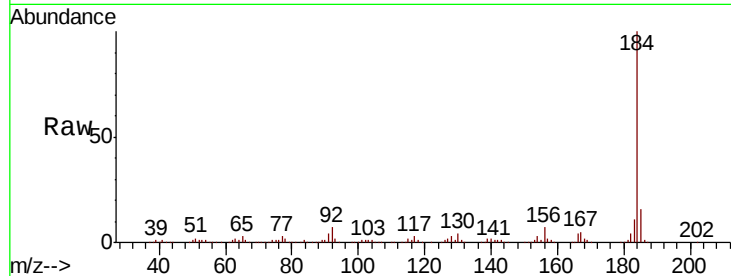
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	627048
Ion Ratio	Lower	Upper	
184	100		
185	15.8	13.2	19.8
183	10.7	9.1	13.7

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#78

Pyrene

Concen: 41.209 ng

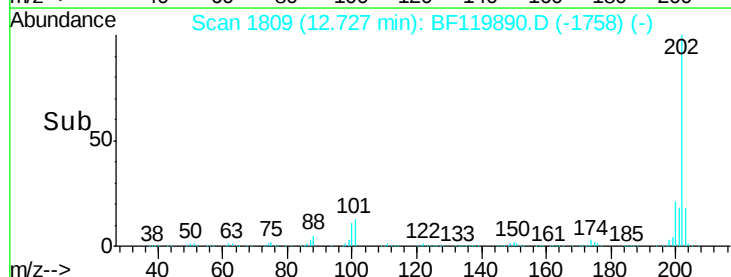
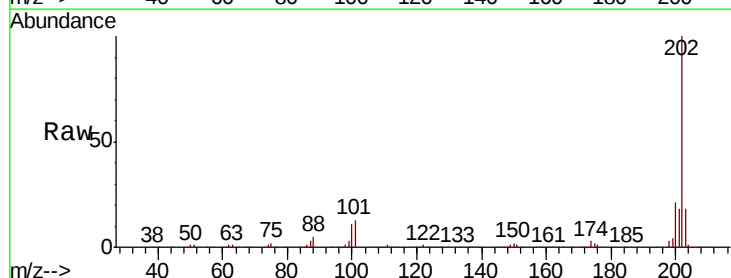
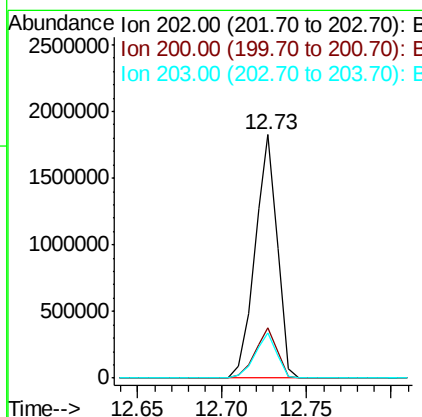
RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Tgt Ion:	202	Resp:	1668636
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.2	24.2
203	18.3	14.1	21.1





#79

Terphenyl-d14

Concen: 77.513 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2212633

Ion Ratio Lower Upper

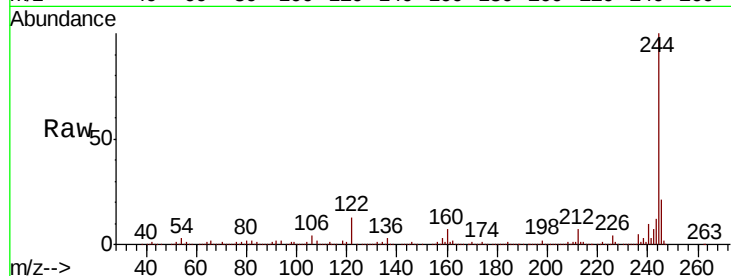
244 100

212 6.9 5.4 8.0

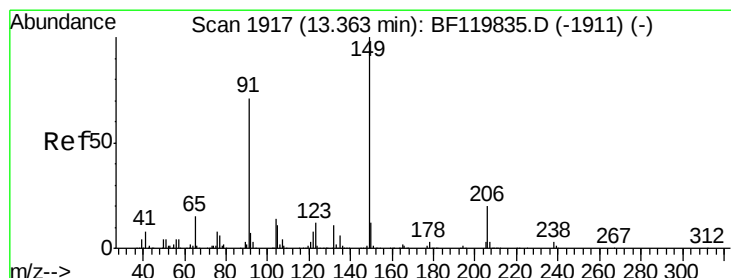
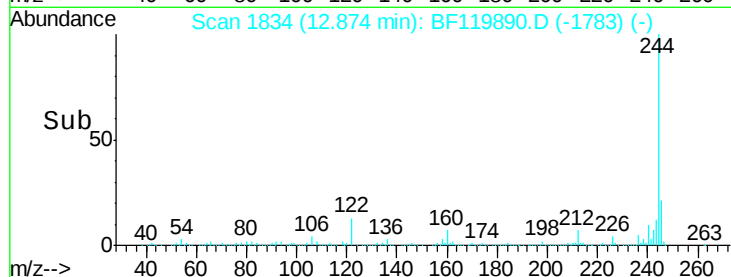
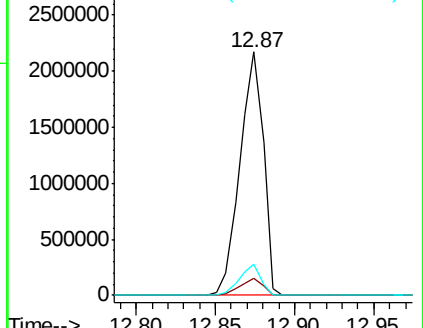
122 12.9 10.3 15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.437 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

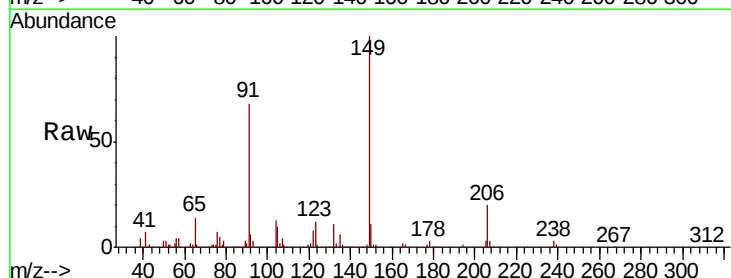
Tgt Ion:149 Resp: 735567

Ion Ratio Lower Upper

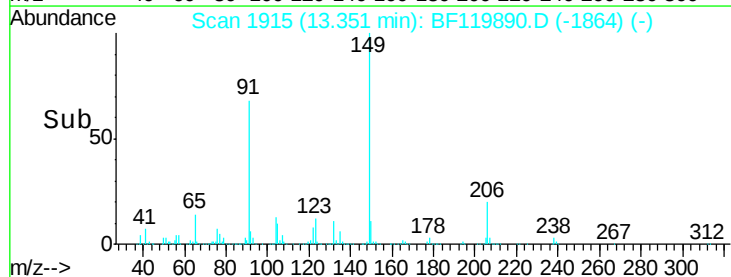
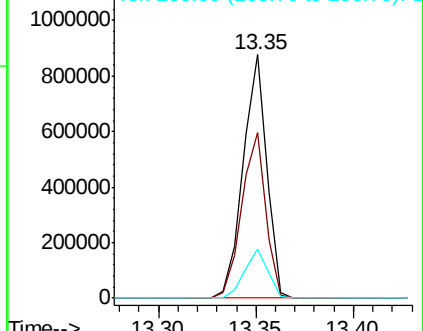
149 100

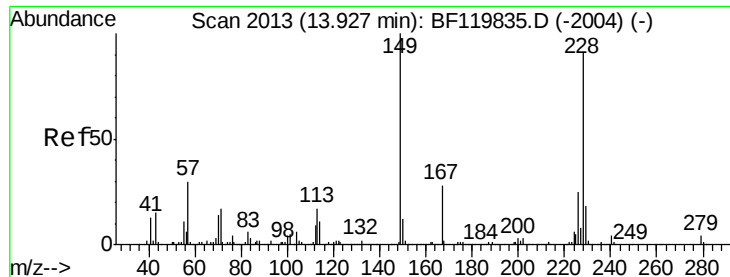
91 68.2 56.7 85.1

206 19.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.066 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1266038

Ion Ratio Lower Upper

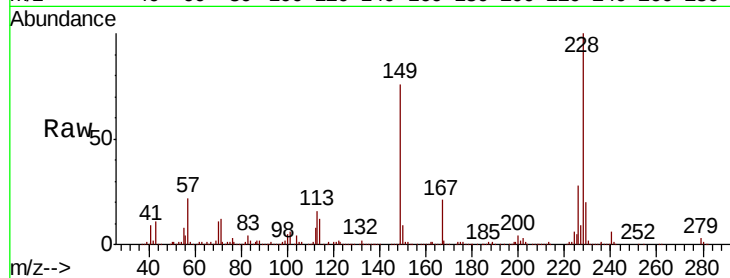
228 100

226 27.9 21.9 32.9

229 20.3 15.9 23.9

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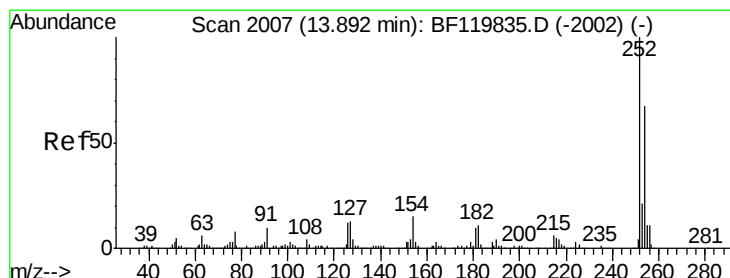
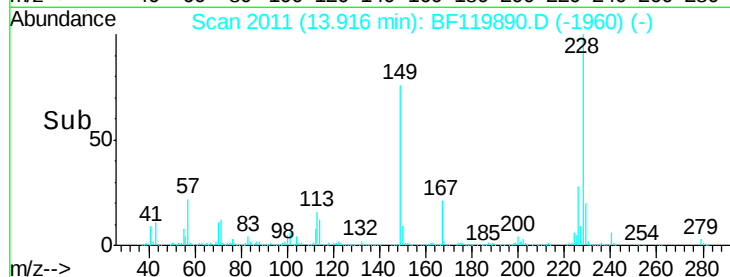
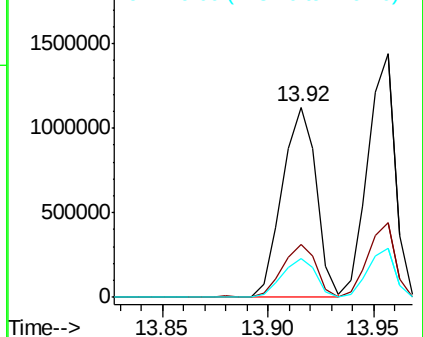


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.006 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

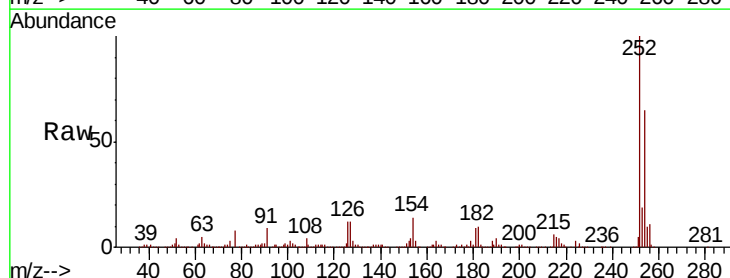
Tgt Ion:252 Resp: 483465

Ion Ratio Lower Upper

252 100

254 65.1 53.9 80.9

126 12.3 9.7 14.5

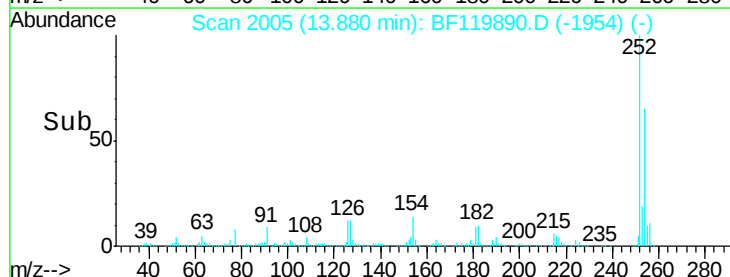
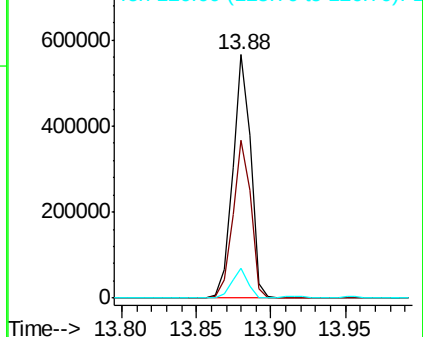


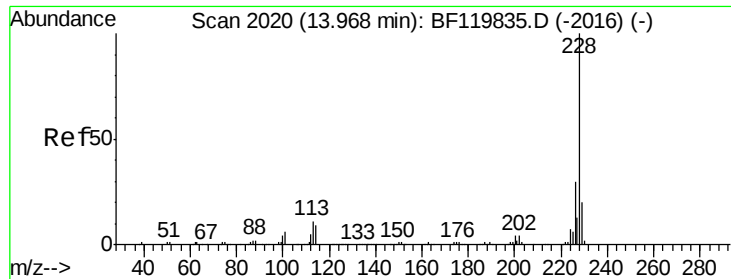
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





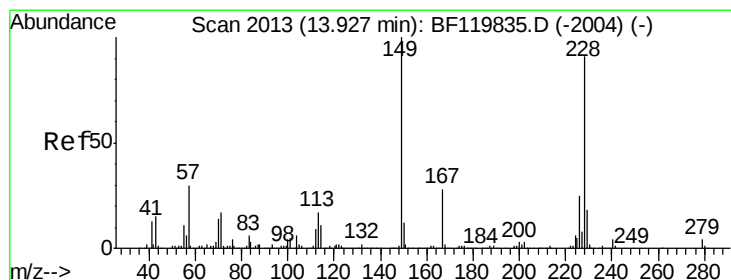
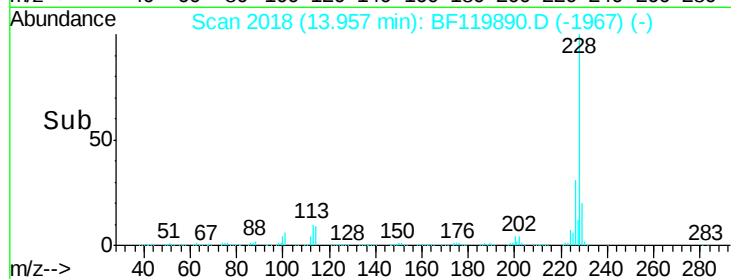
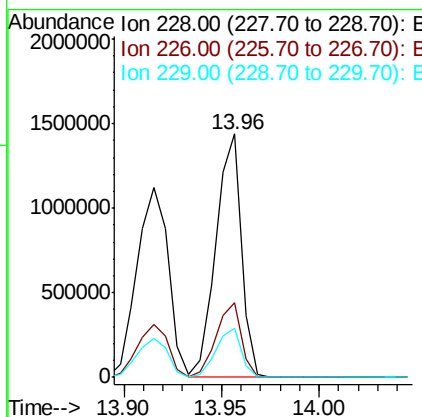
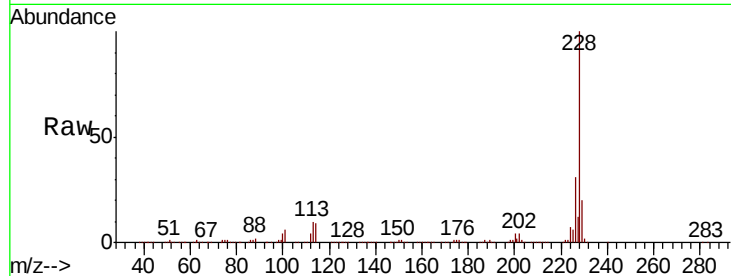
#83
 Chrvsene
 Concen: 40.562 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.9	15.9	23.9

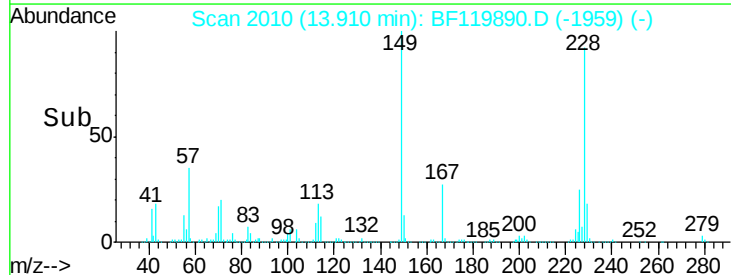
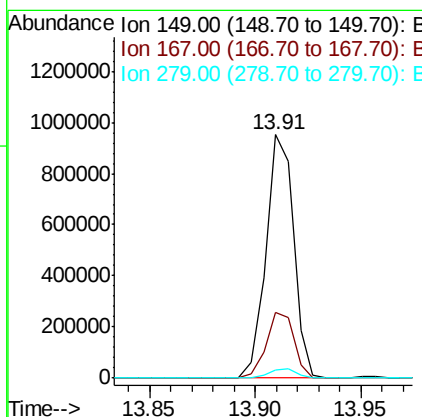
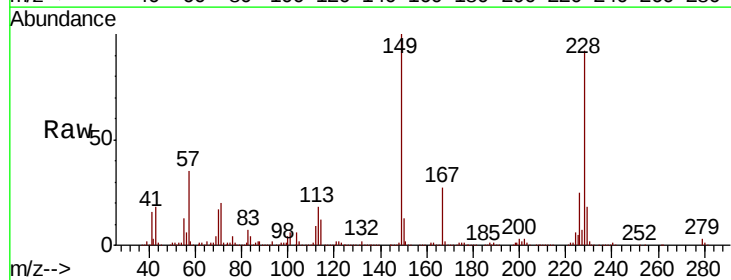
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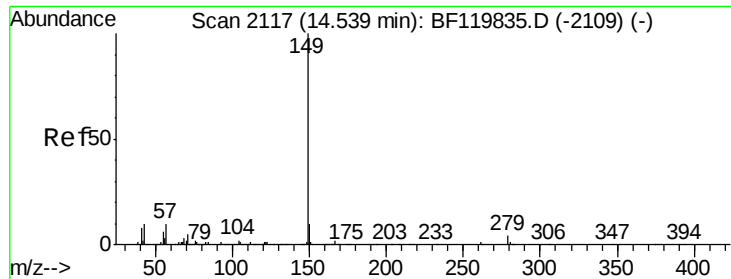
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.714 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF119890.D
 Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.3	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 32.070 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1452872

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

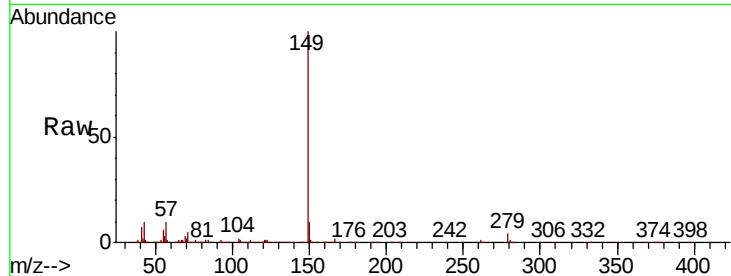
43 11.3 9.2 13.8

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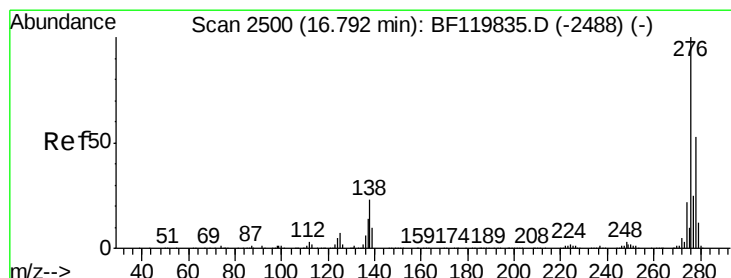
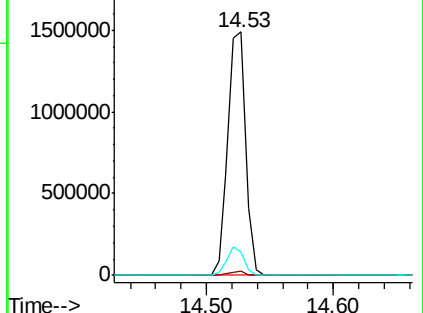
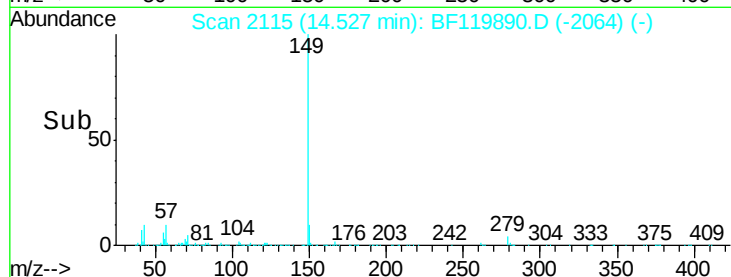
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.952 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BF119890.D

Acq: 10 Apr 2020 13:15

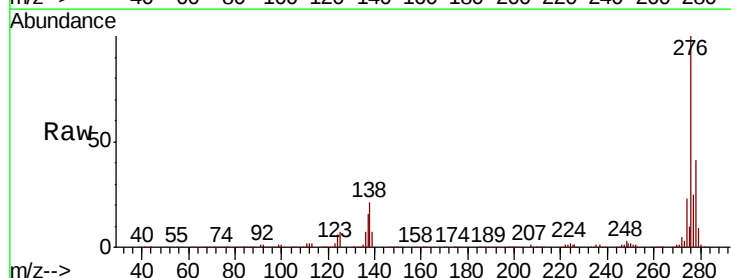
Tgt Ion:276 Resp: 1045802

Ion Ratio Lower Upper

276 100

138 22.9 18.0 27.0

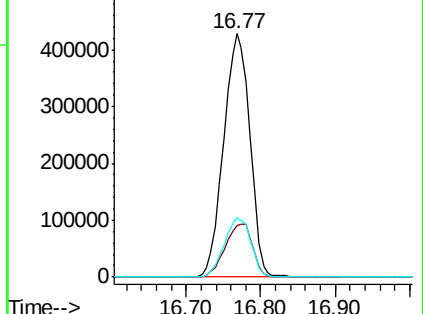
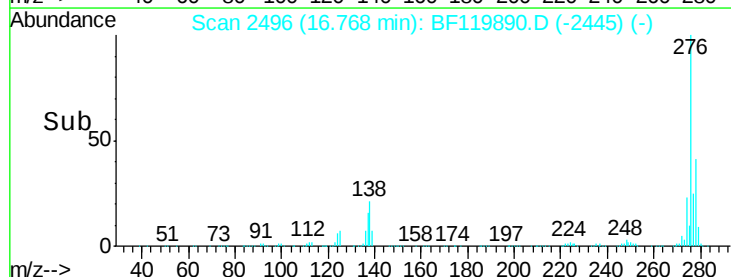
277 24.9 20.1 30.1

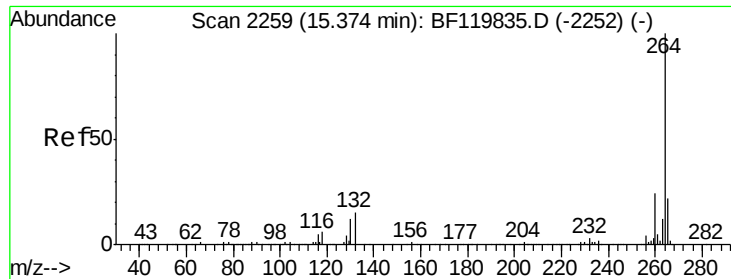


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





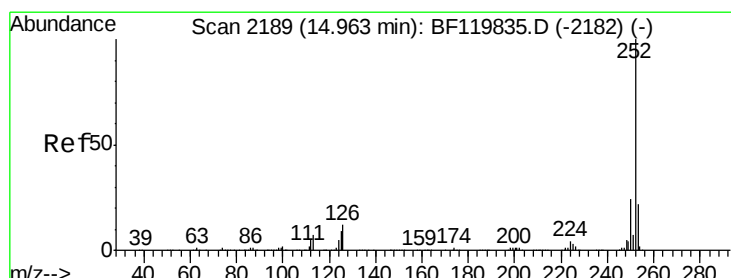
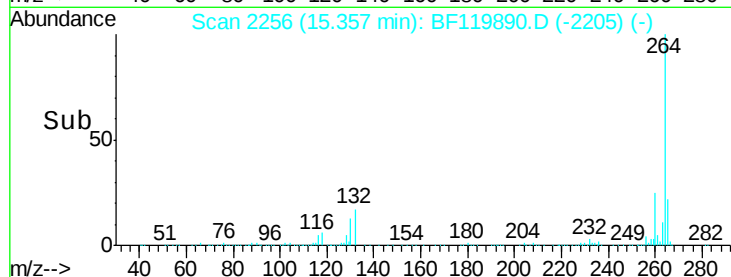
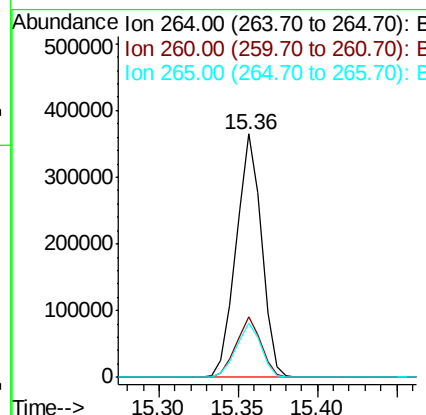
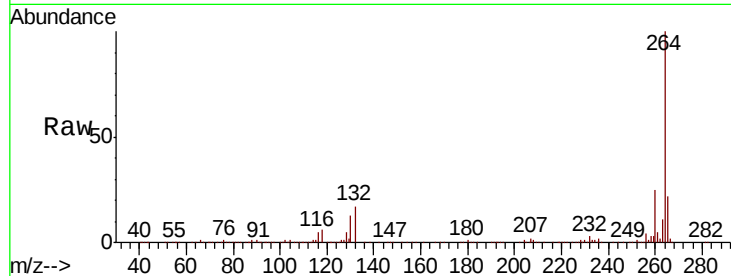
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.3	17.6	26.4

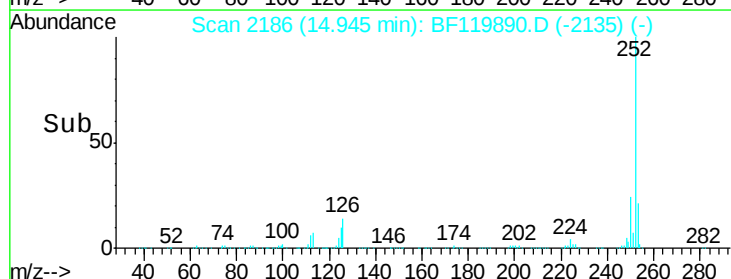
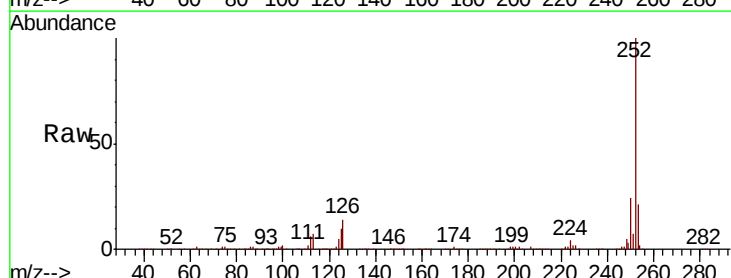
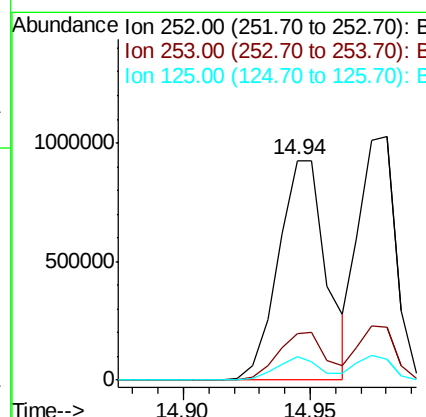
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#88
Benzo(b)fluoranthene
Concen: 41.824 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.4	7.4	11.2





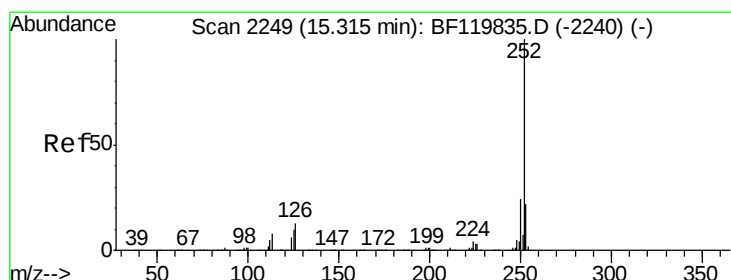
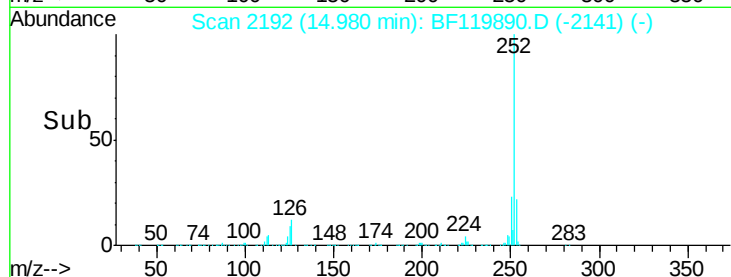
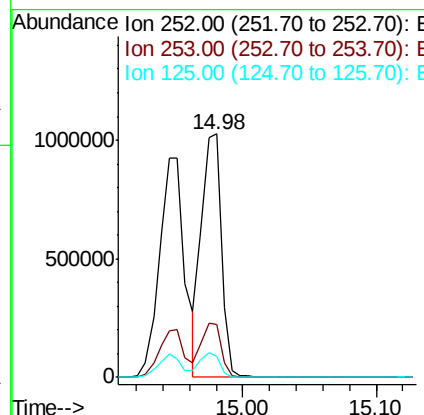
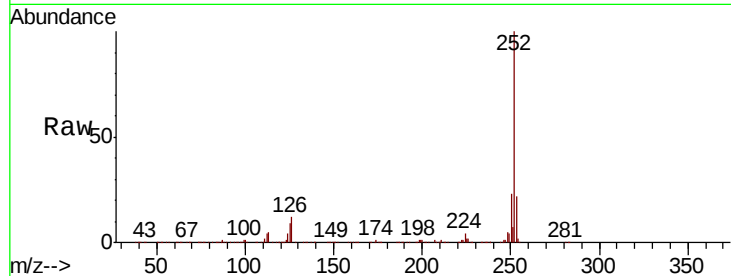
#89
Benzo(k)fluoranthene
Concen: 41.621 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	8.6	7.7	11.5

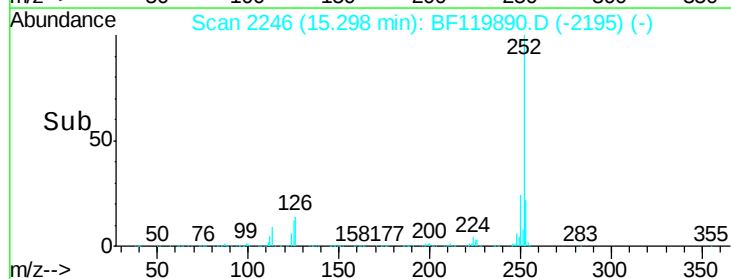
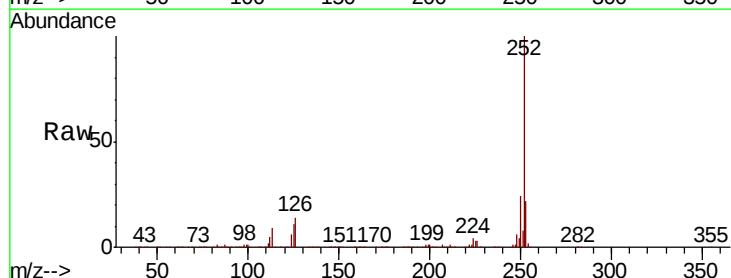
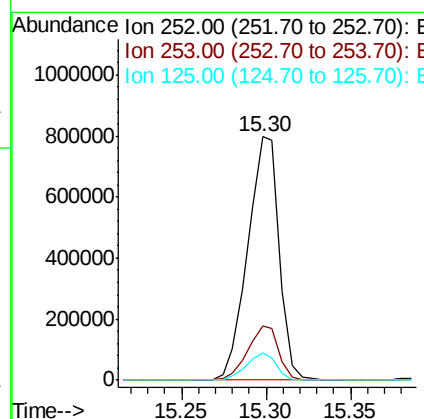
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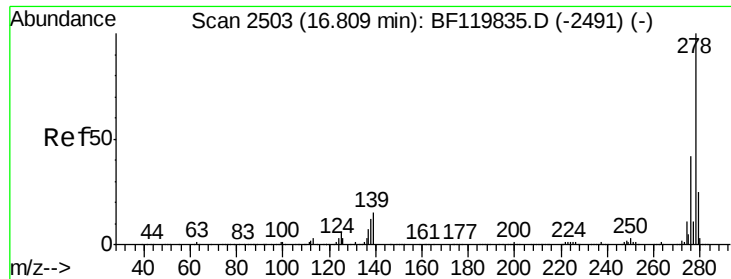
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#90
Benzo(a)pyrene
Concen: 41.874 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.5	8.3	12.5





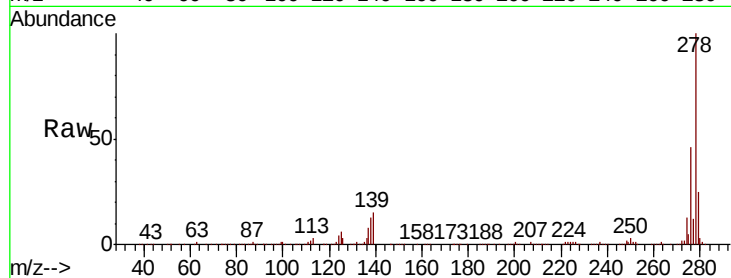
#91
Dibenzo(a,h)anthracene
Concen: 38.701 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

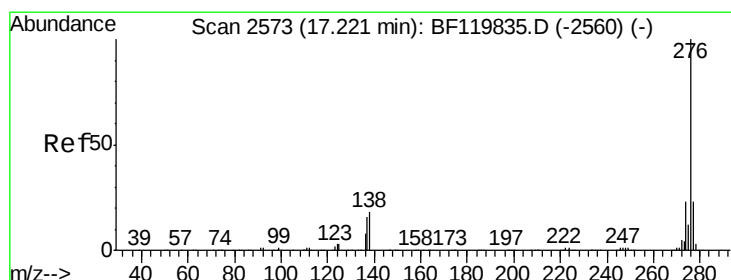
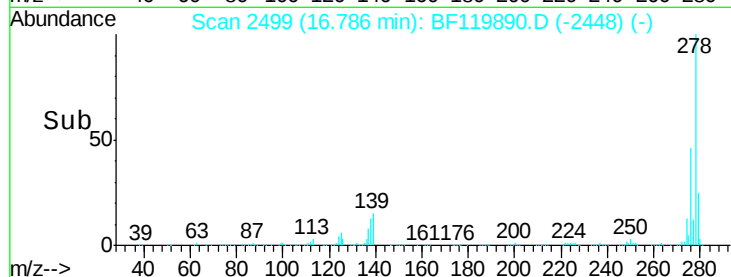
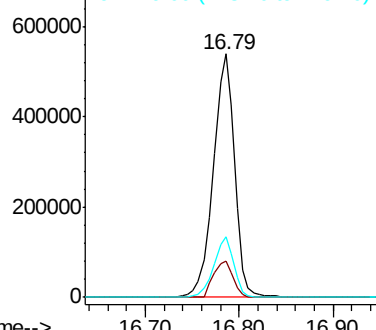
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	24.7	19.7	29.5

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



#92
Benzo(g,h,i)perylene
Concen: 39.046 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BF119890.D
Acq: 10 Apr 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	20.2	14.6	22.0

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

