

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118399.D
 Acq On : 31 Dec 2019 12:04
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 1/2/2020 11:49:36 AM

Quant Time: Dec 31 17:50:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	184551	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	714533	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	375928	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	682639	20.00	ng	0.01
76) Chrysene-d12	14.06	240	445343	20.00	ng	0.01
87) Perylene-d12	15.55	264	360718	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	807588	74.70	ng	0.01
7) Phenol-d6	6.50	99	1004470	74.89	ng	0.01
23) Nitrobenzene-d5	7.43	82	941094	75.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	339679	73.17	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1852516	75.22	ng	0.00
79) Terphenyl-d14	12.99	244	2088068	77.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	154292	35.899	ng	100
3) Pyridine	3.35	79	435507	38.033	ng	97
4) n-Nitrosodimethylamine	3.32	42	174995	36.963	ng	98
6) Aniline	6.52	93	624966	36.696	ng	93
8) 2-Chlorophenol	6.65	128	463722	37.871	ng	97
9) Benzaldehyde	6.41	77	269018	34.212	ng	96
10) Phenol	6.52	94	558426	37.044	ng	# 72
11) bis(2-Chloroethyl)ether	6.59	93	408149	37.859	ng	100
12) 1,3-Dichlorobenzene	6.80	146	531687	37.702	ng	97
13) 1,4-Dichlorobenzene	6.87	146	537915	37.554	ng	98
14) 1,2-Dichlorobenzene	7.03	146	503530	37.234	ng	100
15) Benzyl Alcohol	7.00	79	378355	37.051	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	441433	38.373	ng	82
17) 2-Methylphenol	7.12	107	366208	37.288	ng	# 94
18) Hexachloroethane	7.37	117	198135	37.689	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	307862	37.261	ng	97
20) 3+4-Methylphenols	7.27	107	464013	36.916	ng	95
22) Acetophenone	7.27	105	646860	36.937	ng	# 94
24) Nitrobenzene	7.45	77	464635	37.128	ng	100
25) Isophorone	7.69	82	813003	37.341	ng	99
26) 2-Nitrophenol	7.76	139	261415	39.438	ng	100
27) 2,4-Dimethylphenol	7.80	122	336018	37.154	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	534052	37.506	ng	99
29) 2,4-Dichlorophenol	8.01	162	395998	38.042	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	454055	37.445	ng	98
31) Naphthalene	8.17	128	1370976	37.750	ng	99
32) Benzoic acid	7.96	122	238810m	33.248	ng	
33) 4-Chloroaniline	8.22	127	586327	37.660	ng	99
34) Hexachlorobutadiene	8.28	225	271363	37.595	ng	99
35) Caprolactam	8.61	113	123221	37.916	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	414206	37.062	ng	99
37) 2-Methylnaphthalene	8.86	142	920752	37.030	ng	100
38) 1-Methylnaphthalene	8.96	142	875547	37.375	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	432467	38.288	ng	99

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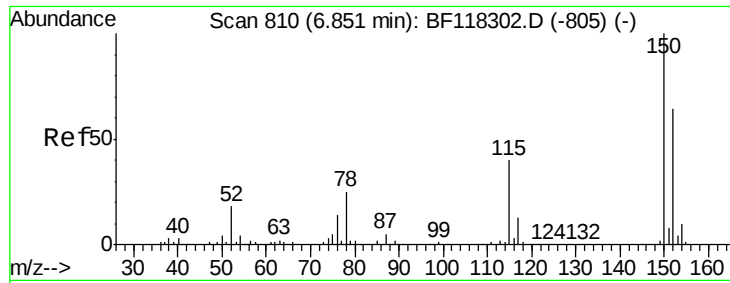
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	133178	33.876	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	279067	36.983	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	285018	36.717	nq	99
46) 1,1'-Biphenyl	9.33	154	1131521	38.055	nq	99
47) 2-Chloronaphthalene	9.36	162	908640	37.970	nq	98
48) 2-Nitroaniline	9.46	65	257422	38.084	nq	94
49) Acenaphthylene	9.77	152	1323919	37.302	nq	99
50) Dimethylphthalate	9.63	163	1051024	37.246	nq	99
51) 2,6-Dinitrotoluene	9.70	165	225885	37.129	nq	97
52) Acenaphthene	9.95	154	814733	37.687	nq	99
53) 3-Nitroaniline	9.87	138	273055	38.241	nq	96
54) 2,4-Dinitrophenol	9.99	184	116325	40.649	nq	96
55) Dibenzofuran	10.12	168	1174573	36.771	nq	98
56) 4-Nitrophenol	10.05	139	171382	38.879	nq	92
57) 2,4-Dinitrotoluene	10.11	165	299713	36.869	nq	# 85
58) Fluorene	10.46	166	962750	37.336	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	235627	35.725	nq	98
60) Diethylphthalate	10.33	149	1038757	37.209	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	482808	37.507	nq	98
62) 4-Nitroaniline	10.49	138	276018	37.210	nq	99
63) Azobenzene	10.61	77	884033	36.970	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146001	39.646	nq	86
66) n-Nitrosodiphenylamine	10.57	169	840684	38.425	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	302217	37.830	nq	98
68) Hexachlorobenzene	11.02	284	360002	38.284	nq	# 91
69) Atrazine	11.10	200	253933	37.606	nq	95
70) Pentachlorophenol	11.22	266	143417	35.216	nq	100
71) Phenanthrene	11.43	178	1382144	37.140	nq	100
72) Anthracene	11.48	178	1412129	37.911	nq	99
73) Carbazole	11.64	167	1255178	37.975	nq	98
74) Di-n-butylphthalate	11.96	149	1618744	38.625	nq	100
75) Fluoranthene	12.62	202	1421134	37.839	nq	97
77) Benzidine	12.74	184	584292	47.882	nq	99
78) Pyrene	12.86	202	1415753	38.930	nq	99
80) Butylbenzylphthalate	13.46	149	664325	40.570	nq	99
81) Benzo(a)anthracene	14.05	228	1173579	37.648	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	414239	39.193	nq	99
83) Chrysene	14.09	228	1111036	37.222	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	861224	39.998	nq	100
85) Di-n-octyl phthalate	14.63	149	1210914	38.233	nq	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	881767	34.671	nq	100
88) Benzo(b)fluoranthene	15.12	252	919044	38.382	nq	100
89) Benzo(k)fluoranthene	15.14	252	881557	38.344	nq	99
90) Benzo(a)pyrene	15.49	252	807058	38.262	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	742468	40.562	nq	99
92) Benzo(g,h,i)perylene	17.53	276	704970	39.870	nq	98

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



#1

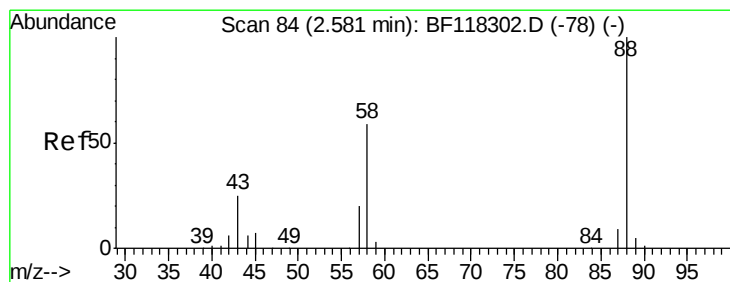
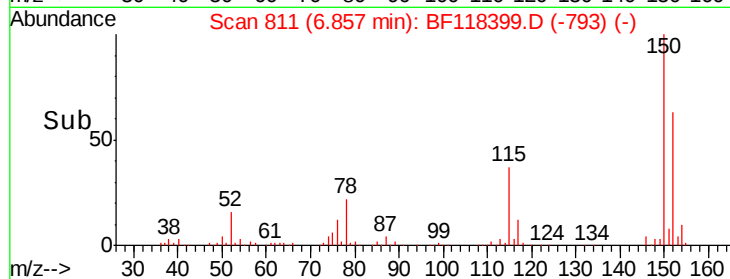
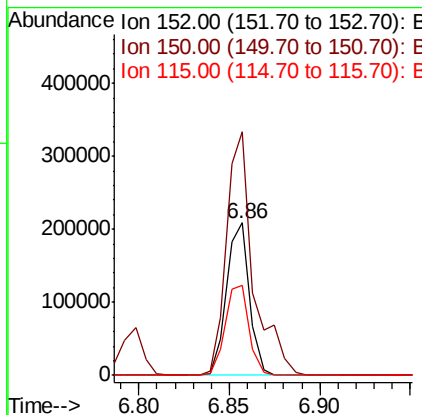
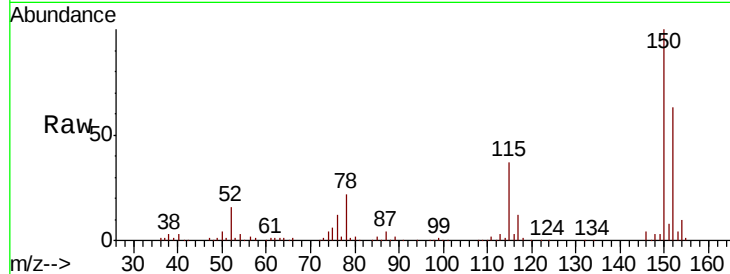
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.4	188.2
115	58.7	50.2	75.4

Manual Integrations
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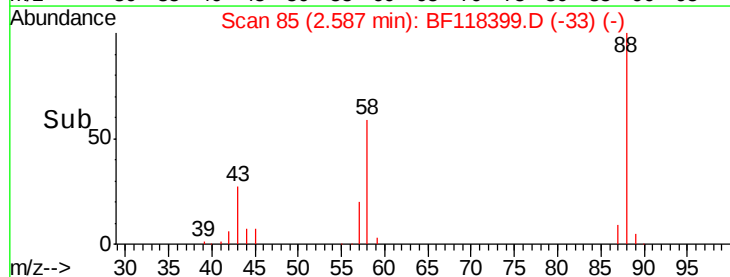
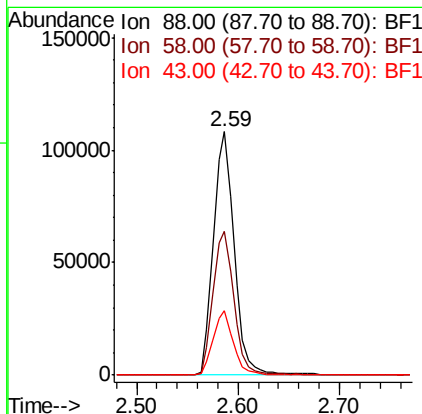
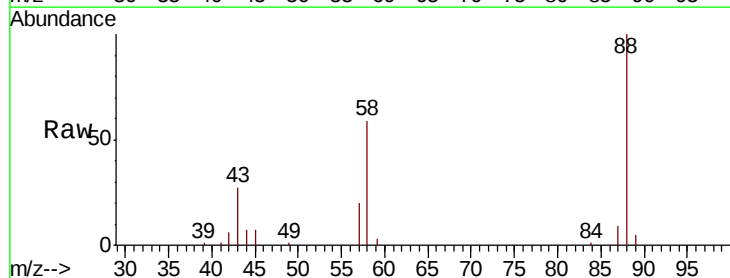
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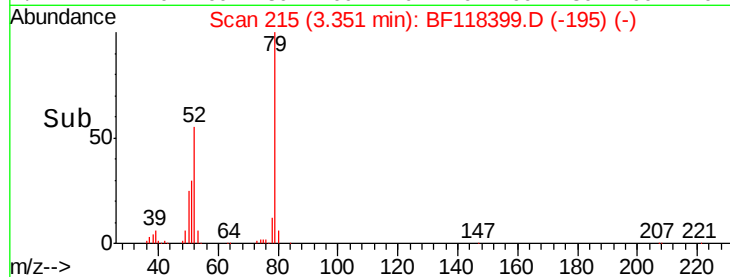
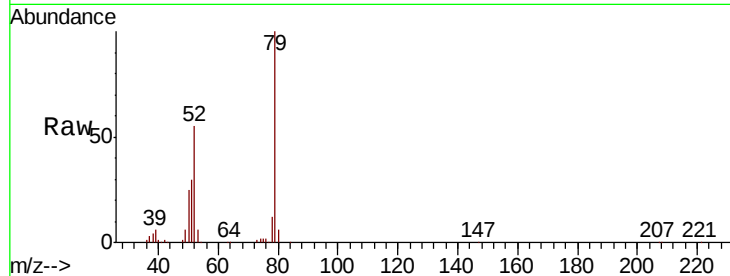
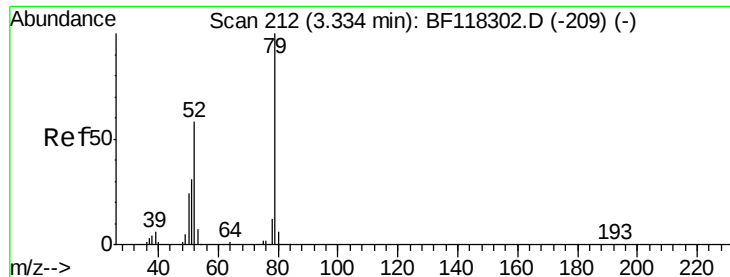


#2

1,4-Dioxane
Concen: 35.899 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	47.6	71.4
43	25.6	20.6	30.8





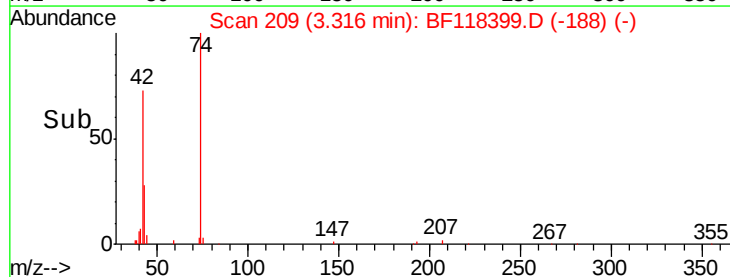
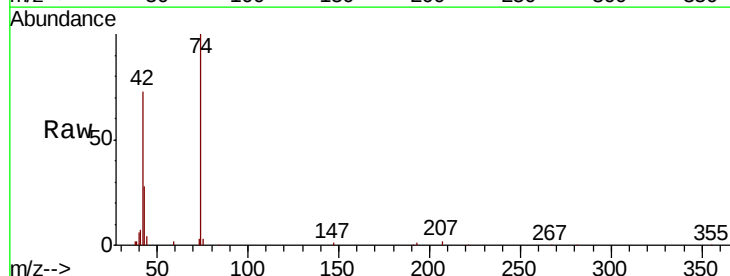
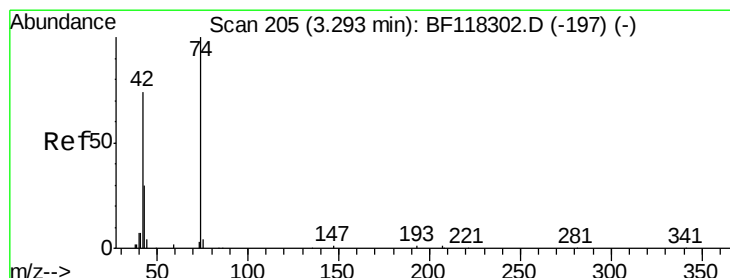
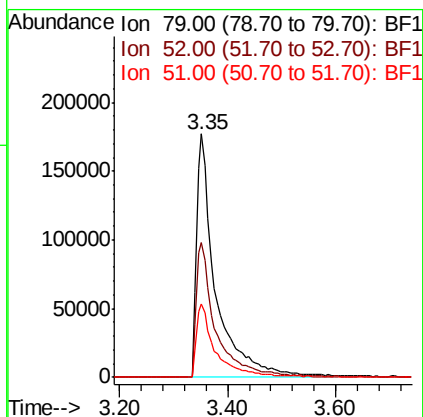
#3
 Pvridine
 Concen: 38.033 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.02 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.3	46.4	69.6
51	30.0	24.9	37.3

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

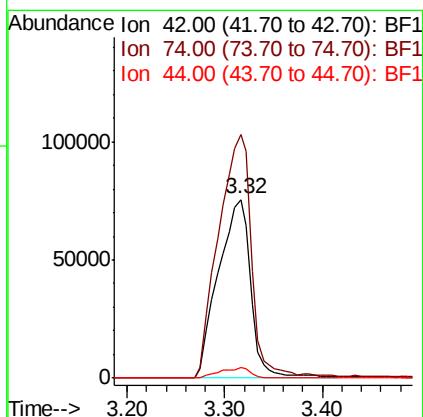
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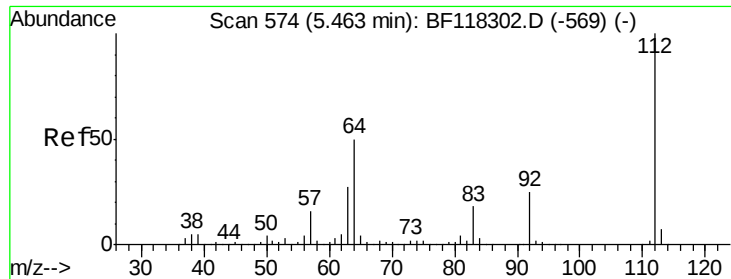
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#4
 n-Nitrosodimethylamine
 Concen: 36.963 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.02 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.5	107.7	161.5
44	5.6	4.8	7.2





#5

2-Fluorophenol

Concen: 74.697 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

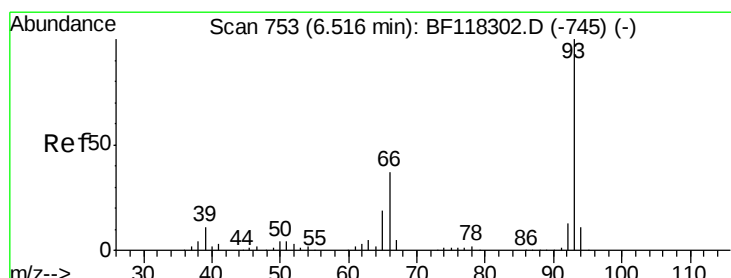
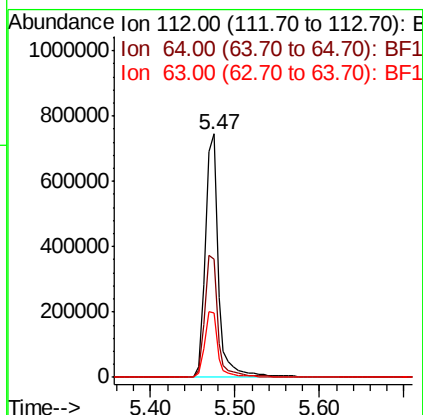
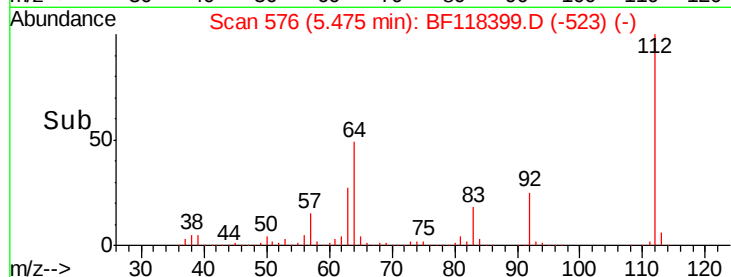
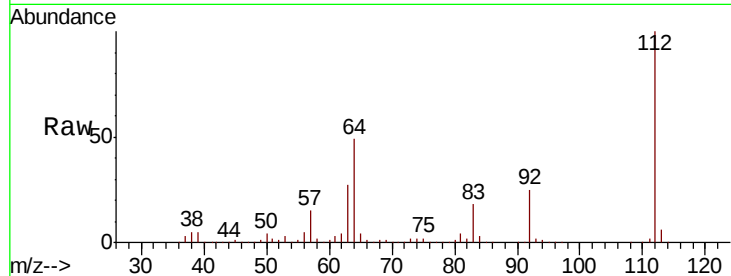
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	807588
Ion Ratio	Lower	Upper	
112	100		
64	48.8	39.7	59.5
63	26.5	21.7	32.5

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#6

Aniline

Concen: 36.696 ng

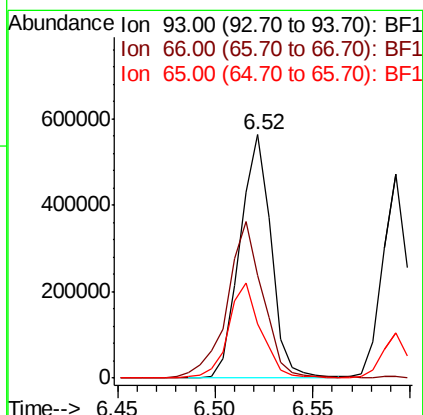
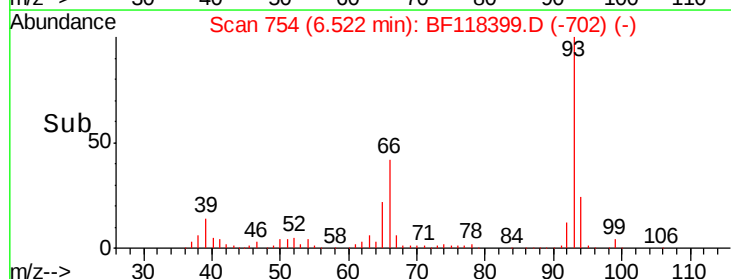
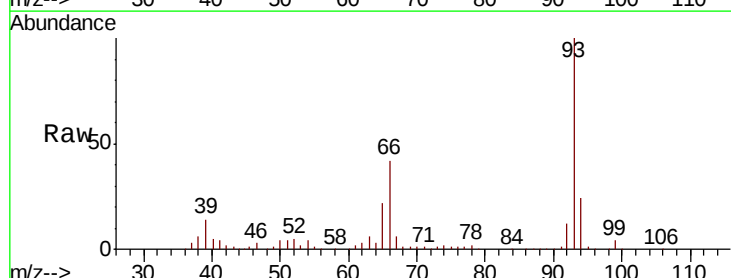
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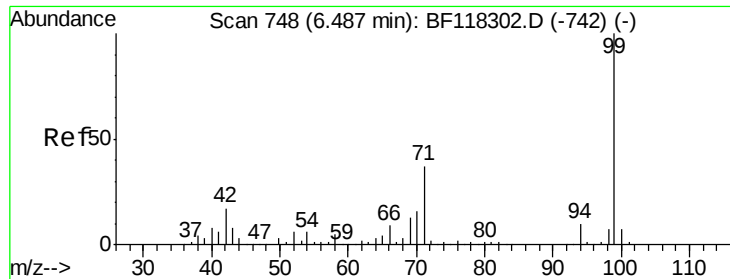
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	93	Resp:	624966
Ion Ratio	Lower	Upper	
93	100		
66	42.3	30.2	45.4
65	22.2	15.7	23.5





#7

Phenol-d6

Concen: 74.894 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1004470

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

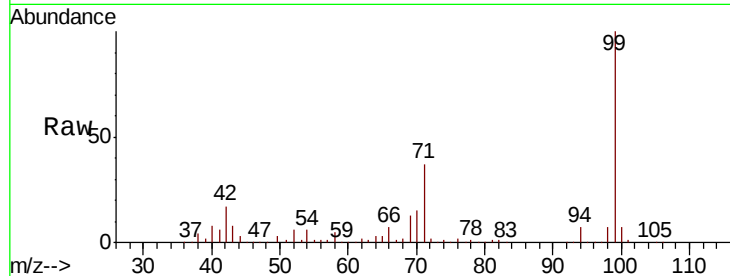
71 36.7 29.4 44.2

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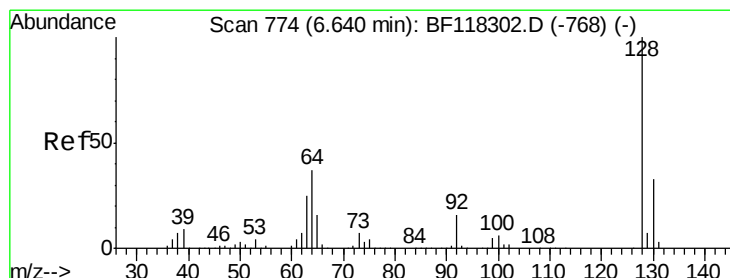
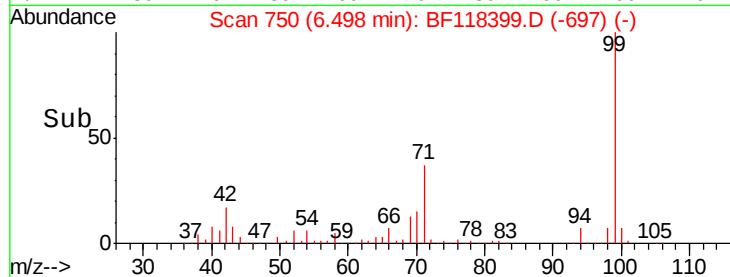
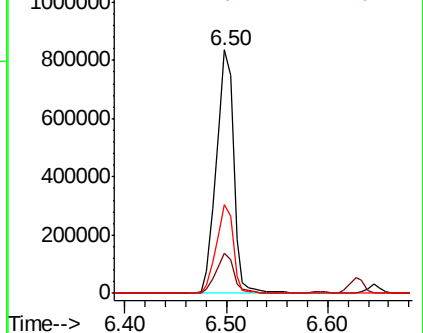
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.871 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

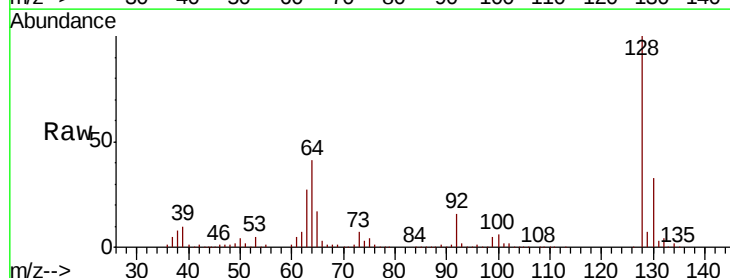
Tgt Ion:128 Resp: 463722

Ion Ratio Lower Upper

128 100

130 32.8 13.2 53.2

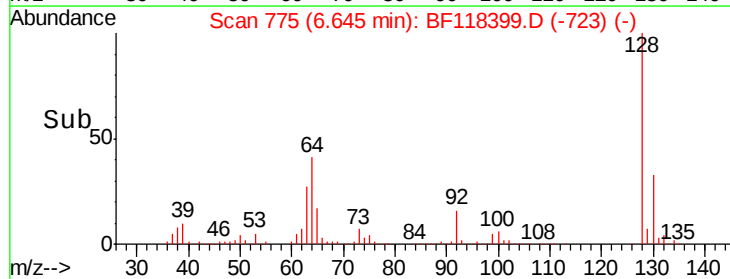
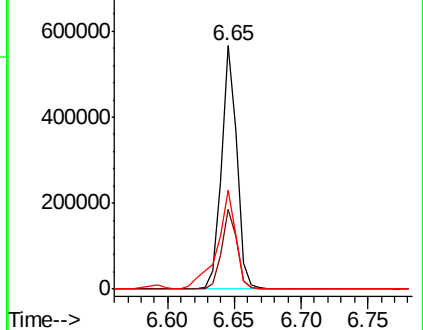
64 40.8 17.7 57.7

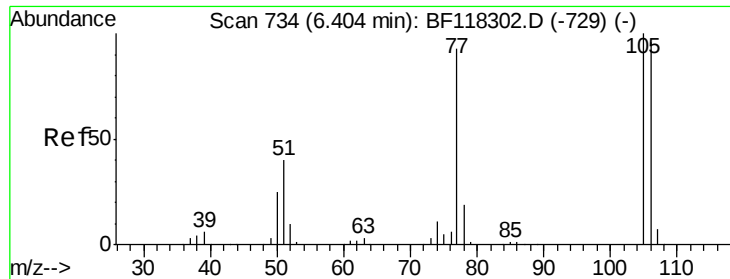


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.212 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

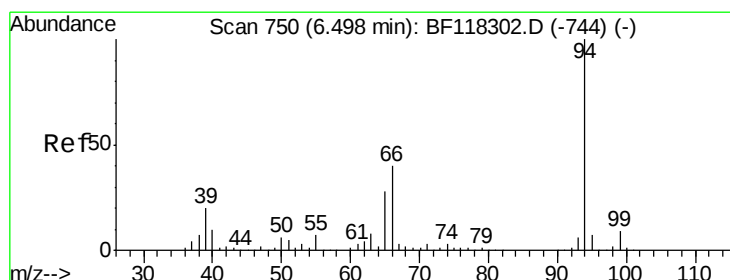
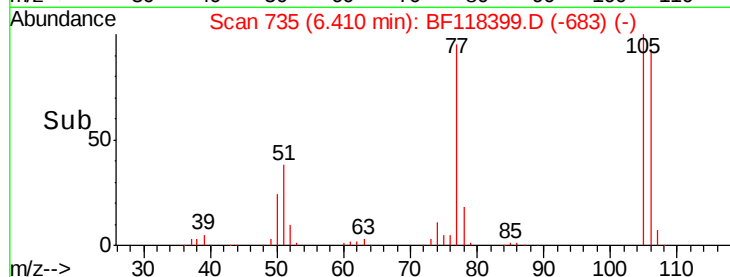
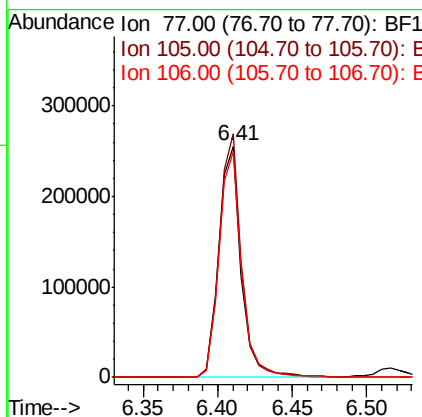
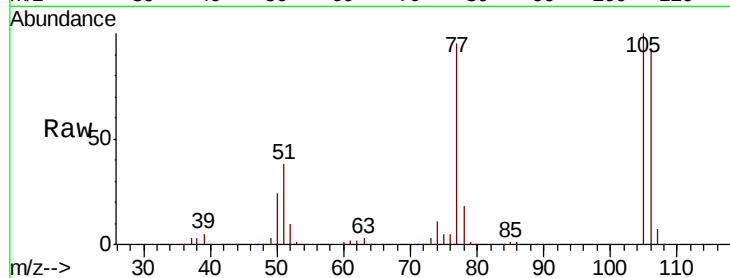
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	269018
Ion	Ratio	Lower	Upper
77	100		
105	105.5	87.5	127.5
106	97.7	83.6	123.6

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#10

Phenol

Concen: 37.044 ng

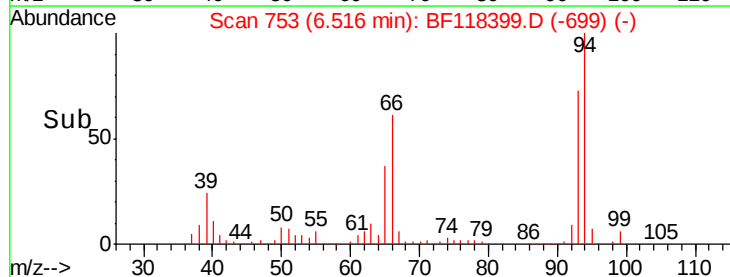
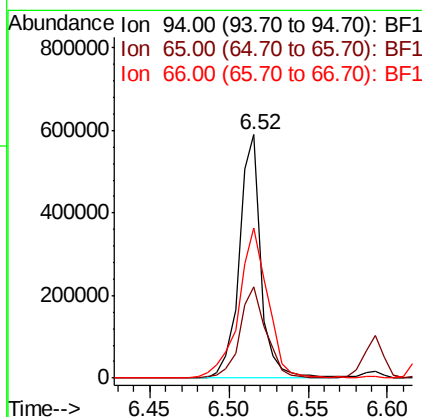
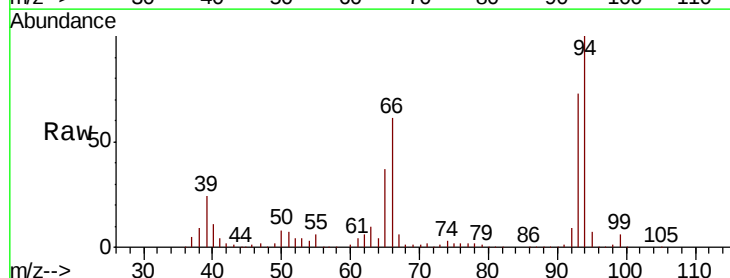
RT: 6.52 min Scan# 753

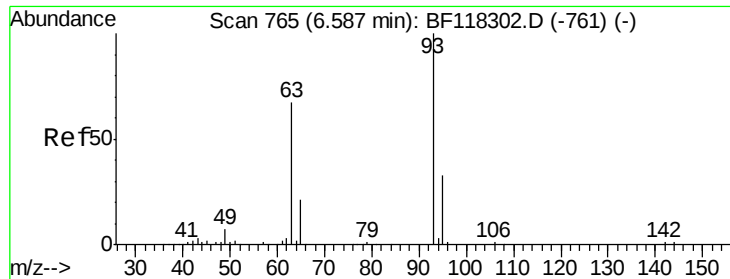
Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	94	Resp:	558426
Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.8	47.8
66	61.4	20.4	60.4#





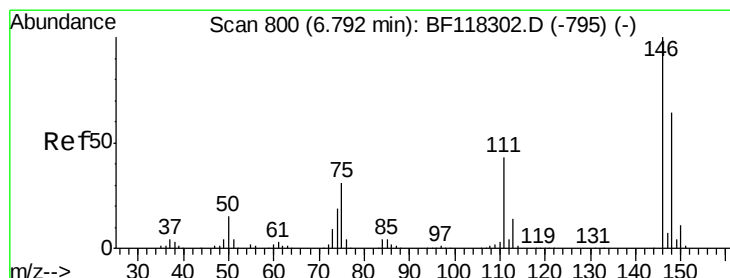
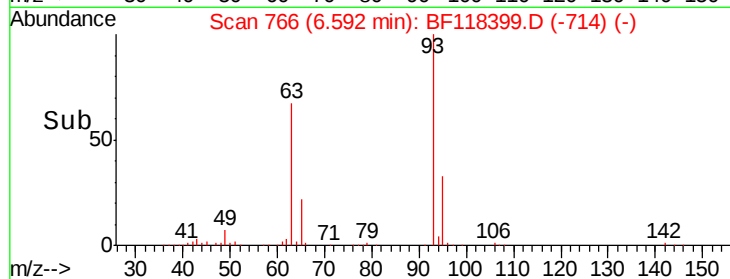
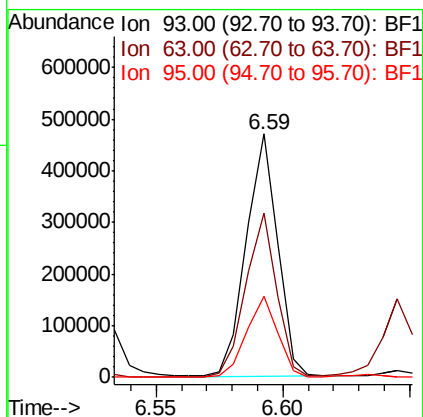
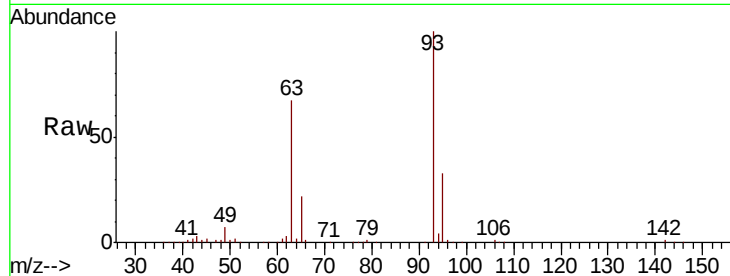
#11
bis(2-Chloroethyl)ether
Concen: 37.859 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.3	47.0	87.0
95	33.1	12.8	52.8

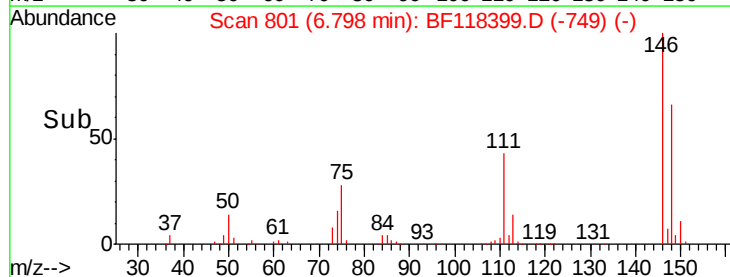
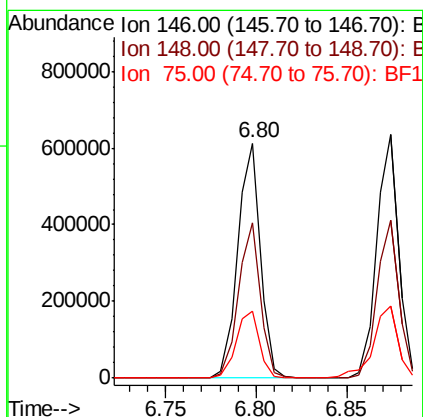
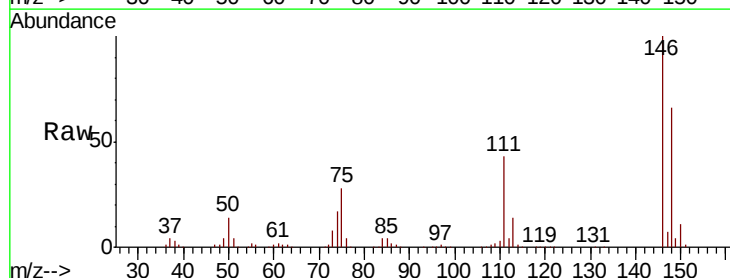
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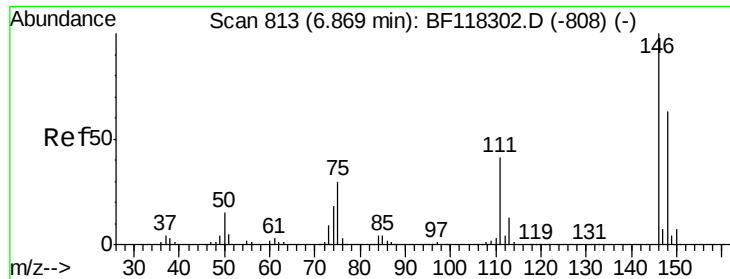
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#12
1,3-Dichlorobenzene
Concen: 37.702 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	28.4	24.4	36.6





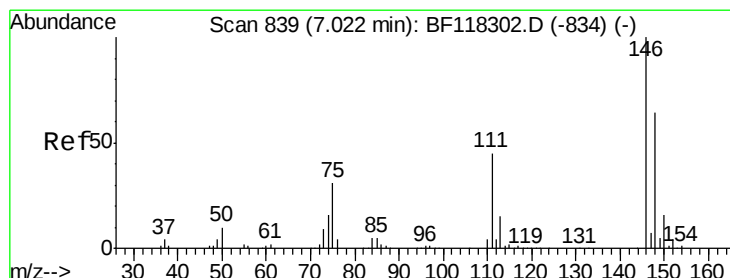
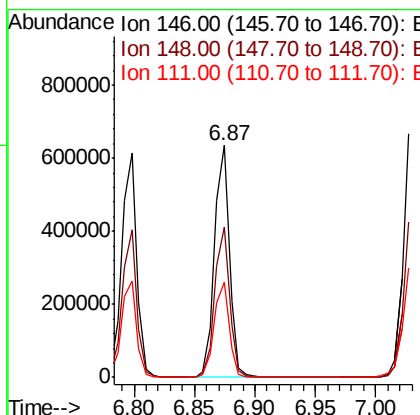
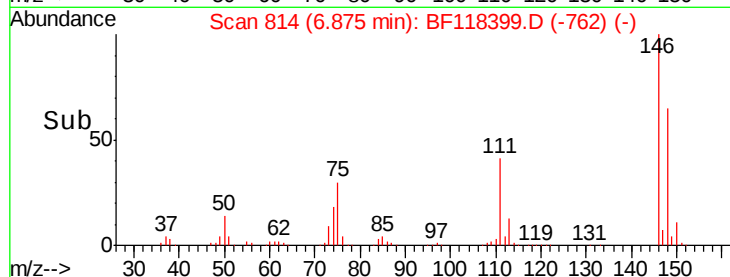
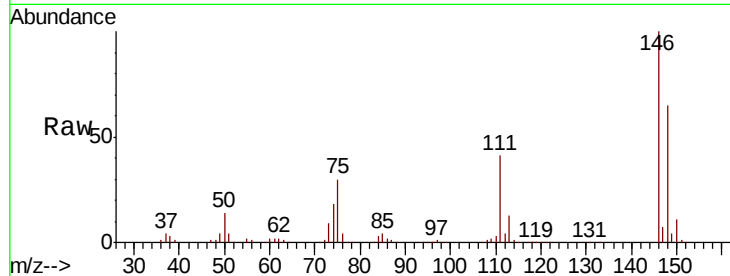
#13
 1,4-Dichlorobenzene
 Concen: 37.554 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.3	75.5
111	41.3	32.8	49.2

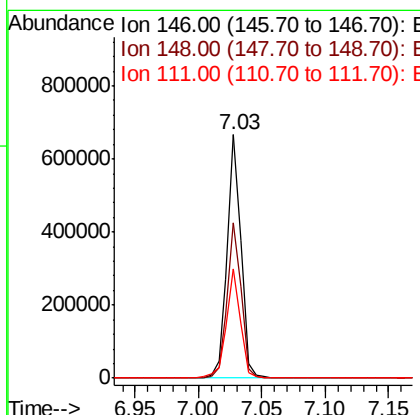
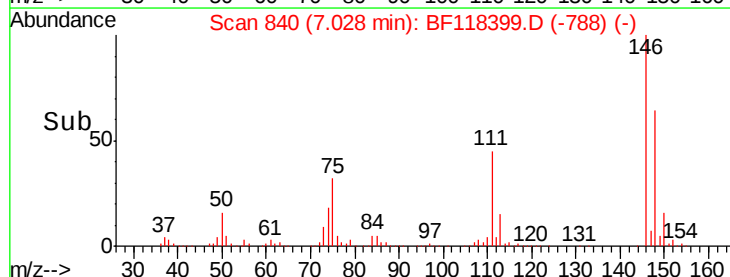
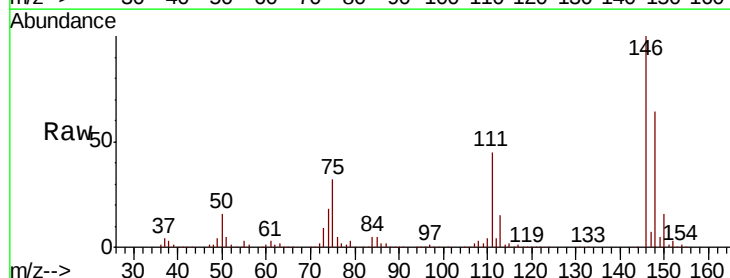
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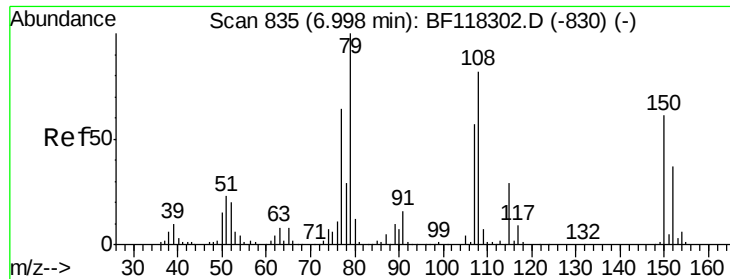
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#14
 1,2-Dichlorobenzene
 Concen: 37.234 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	45.1	35.7	53.5





#15

Benzyl Alcohol

Concen: 37.051 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 378355

Ion Ratio Lower Upper

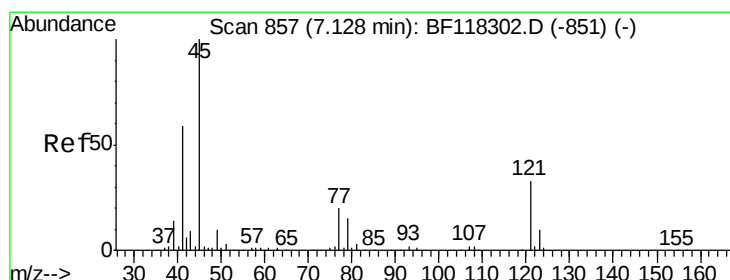
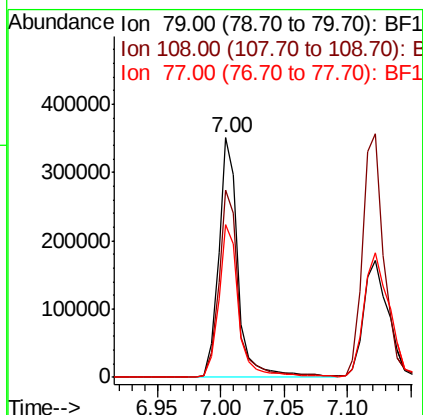
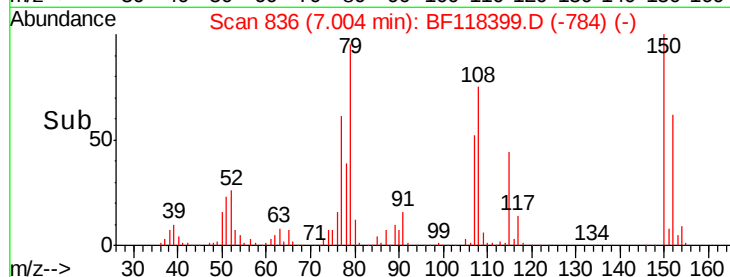
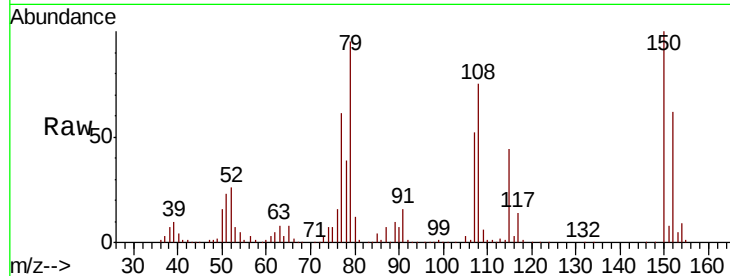
79 100

108 78.4 65.4 98.0

77 63.7 51.4 77.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.373 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

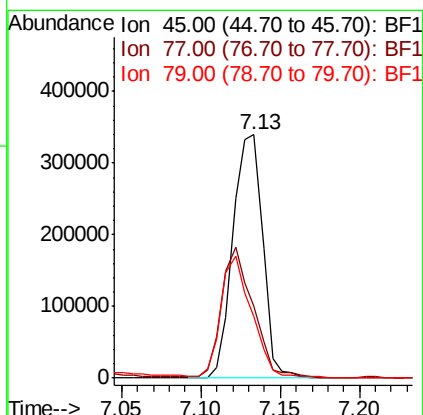
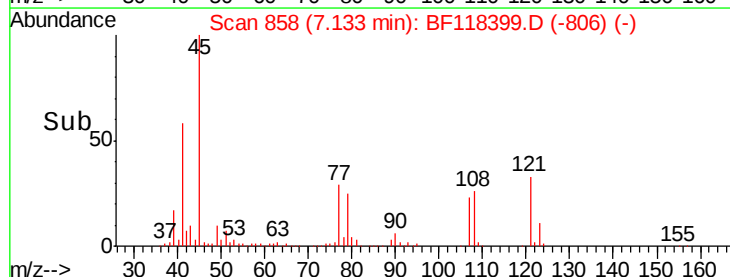
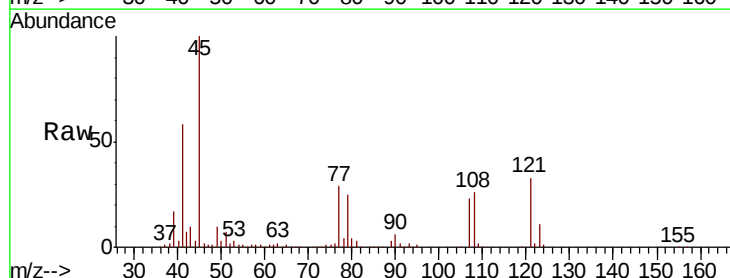
Tgt Ion: 45 Resp: 441433

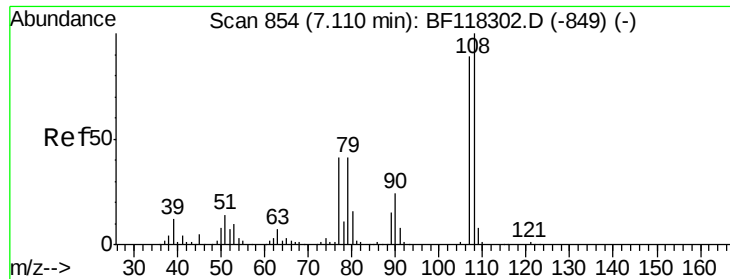
Ion Ratio Lower Upper

45 100

77 29.4 1.2 41.2

79 25.3 0.0 37.0





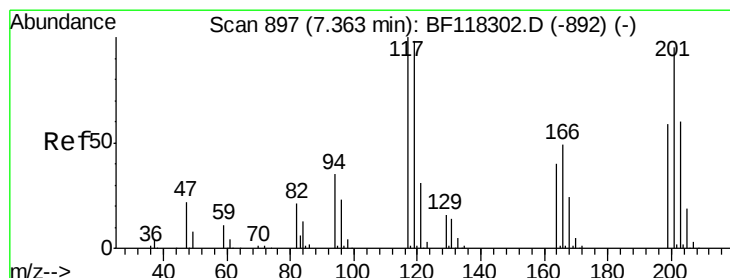
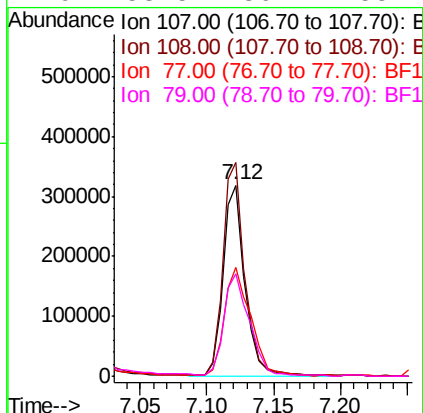
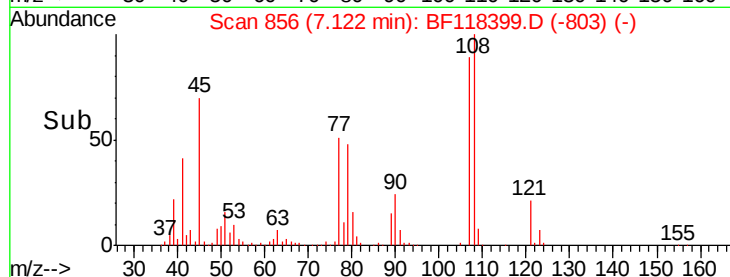
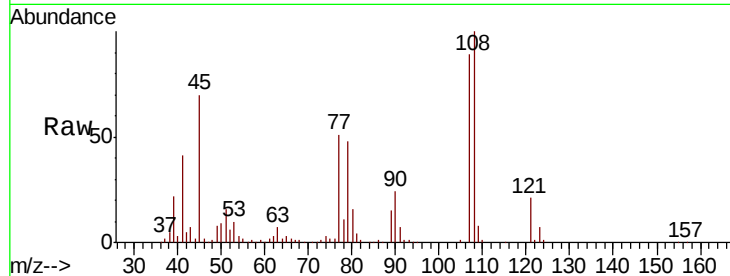
#17
2-Methylphenol
Concen: 37.288 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.7	134.5
77	57.1	37.2	55.8
79	53.5	36.7	55.1

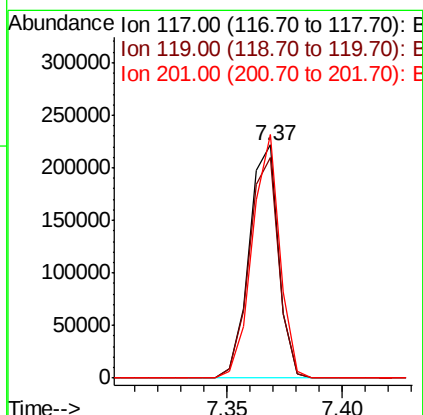
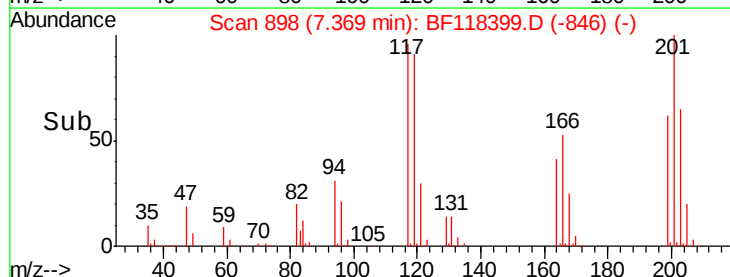
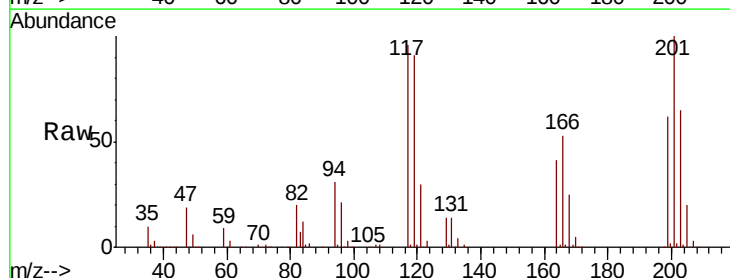
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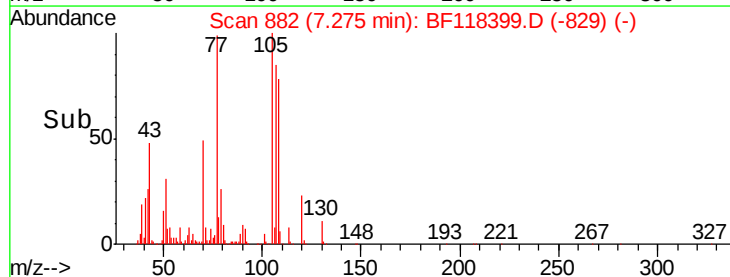
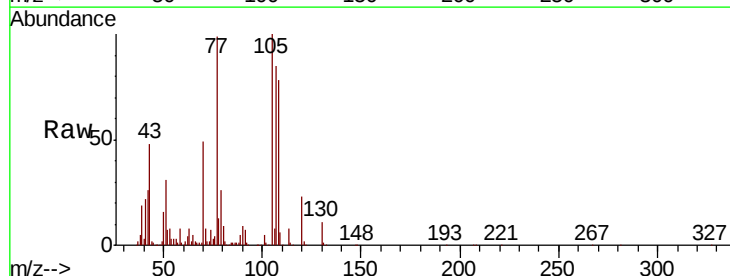
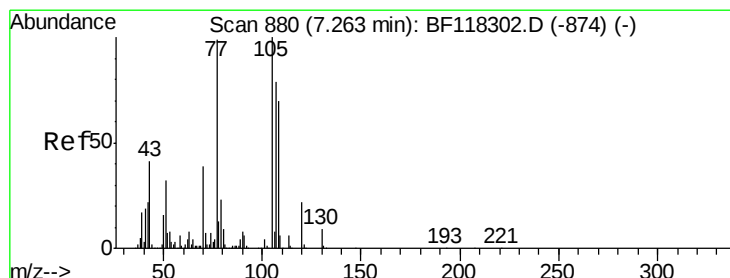
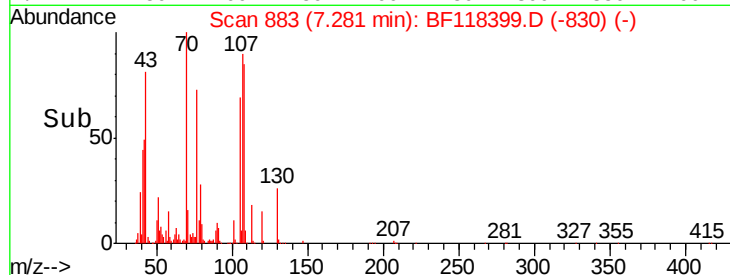
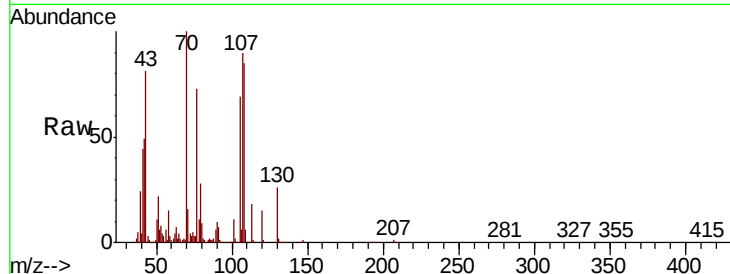
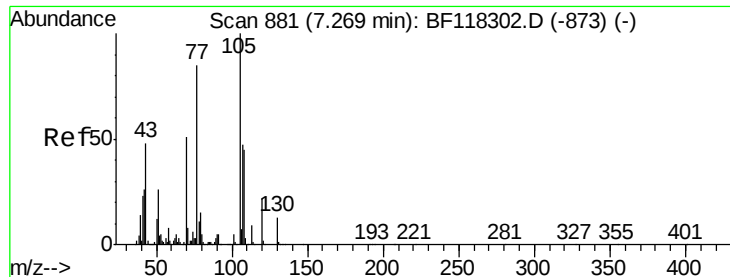
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#18
Hexachloroethane
Concen: 37.689 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.0	117.0
201	104.5	76.2	114.2





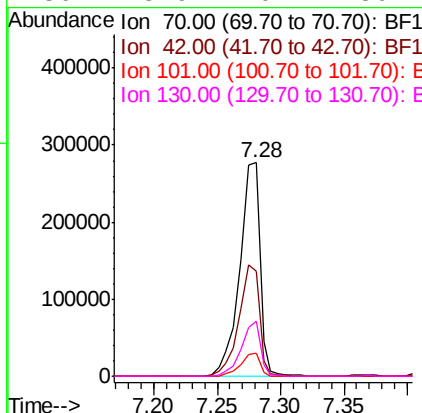
#19
n-Nitroso-di-n-propylamine
Concen: 37.261 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	41.1	61.7
101	10.8	8.3	12.5
130	25.9	20.1	30.1

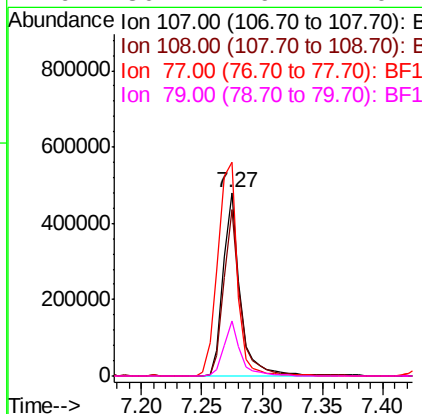
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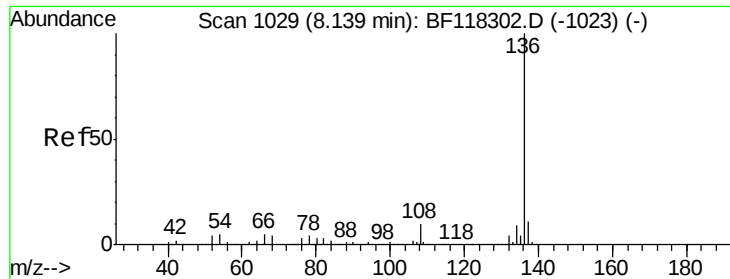
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#20
3+4-Methylphenols
Concen: 36.916 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.3	109.3
77	116.7	105.9	145.9
79	30.2	9.2	49.2





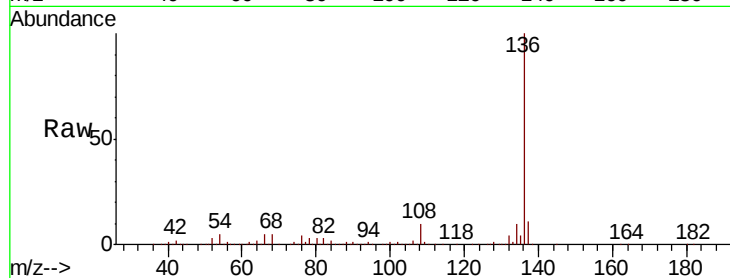
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

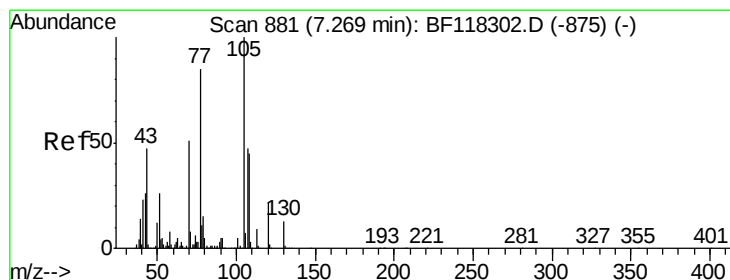
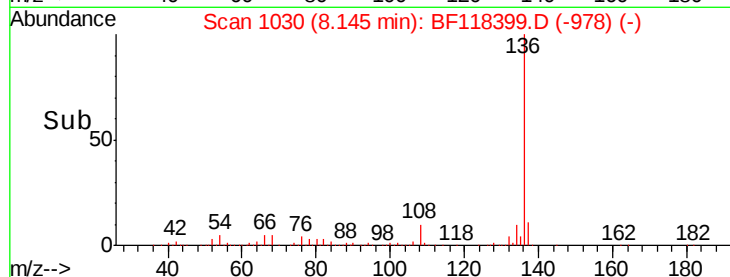
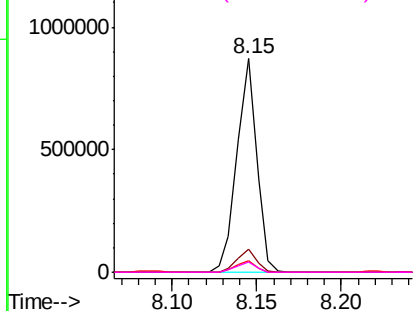
Tot Ion	Ratio	Resp	Lower	Upper
136	100	714533		
137	11.0		8.9	13.3
54	5.3		4.2	6.4
68	4.8		3.5	5.3

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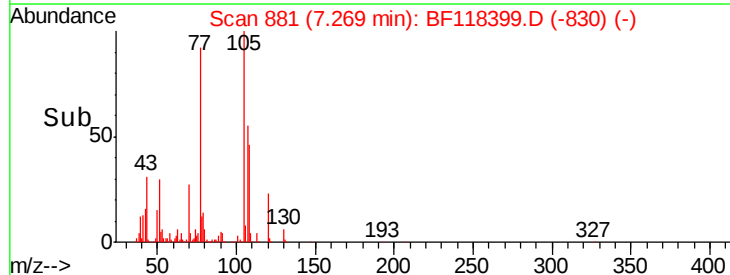
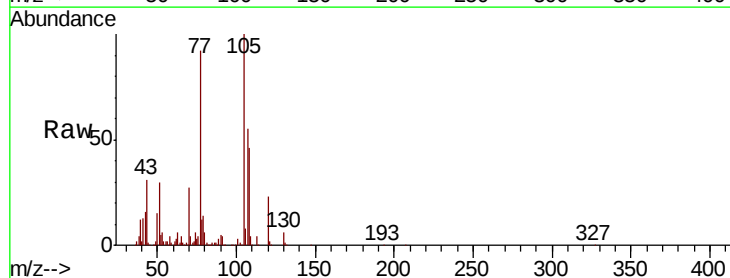
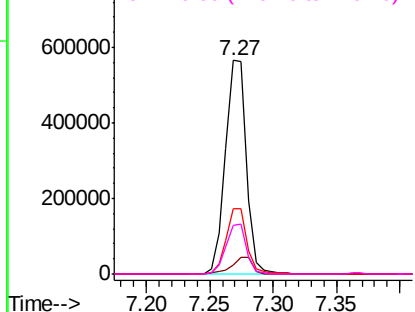
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

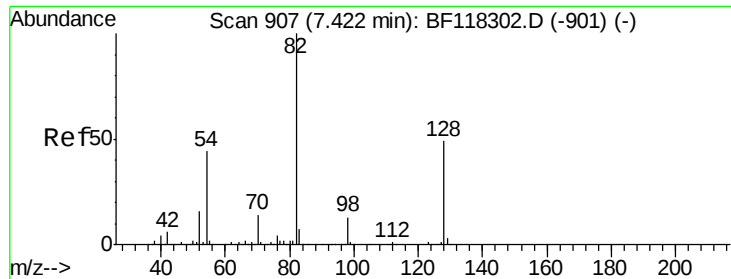


#22
Acetophenone
Concen: 36.937 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646860		
71	4.2		6.6	9.8#
51	30.5		20.6	30.8
120	22.7		18.0	27.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





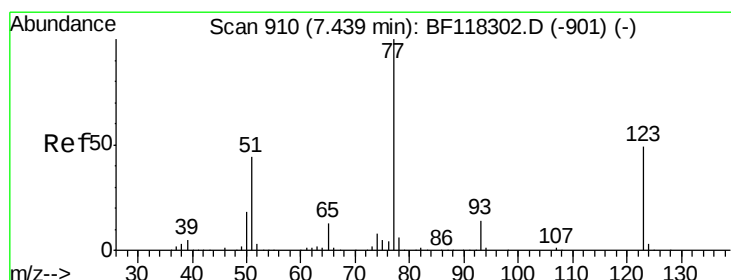
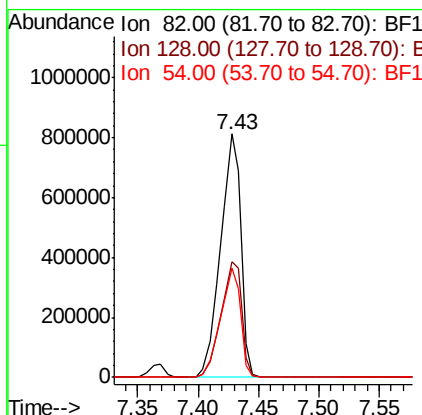
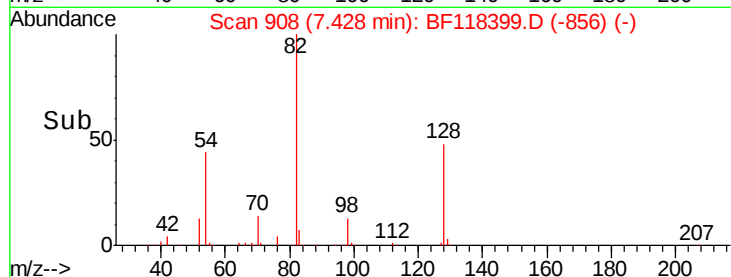
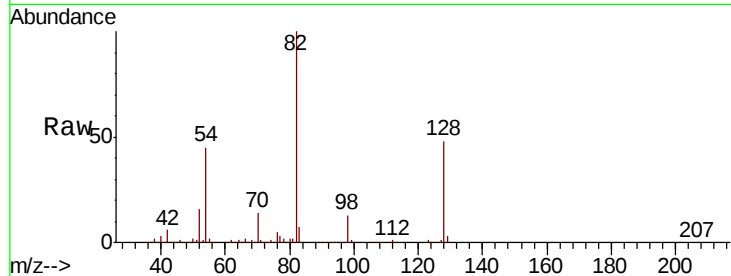
#23
Nitrobenzene-d5
Concen: 75.330 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	39.6	59.4	
54	44.7	34.9	52.3	

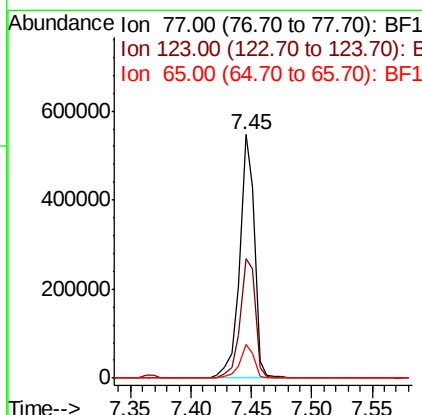
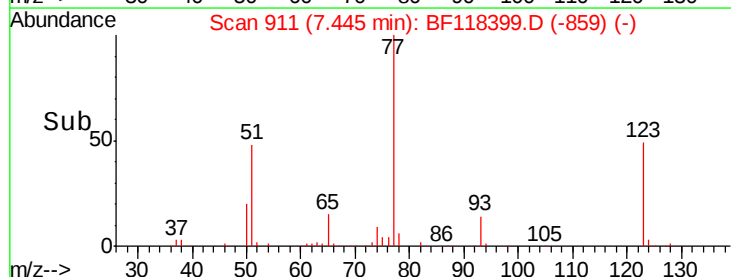
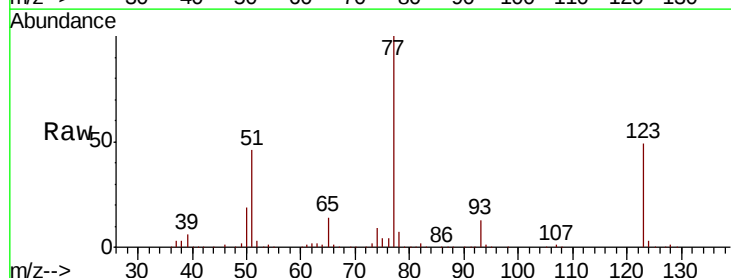
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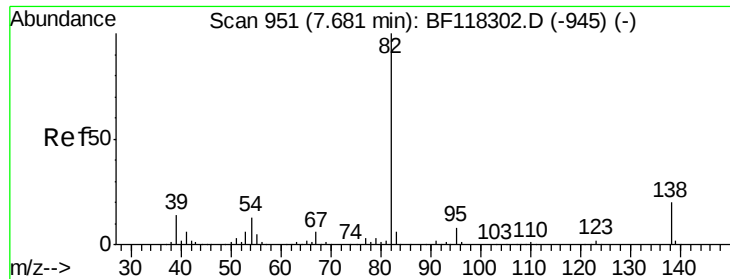
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#24
Nitrobenzene
Concen: 37.128 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.8	39.1	58.7	
65	13.8	10.6	16.0	





#25

Isophorone

Concen: 37.341 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

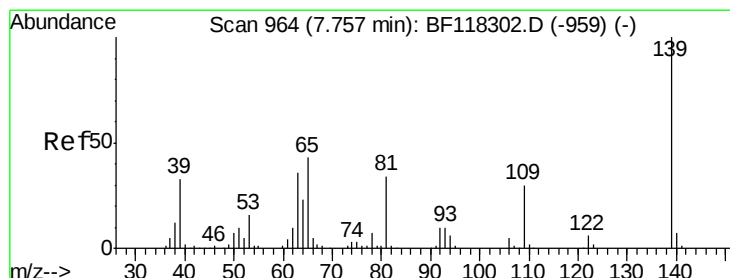
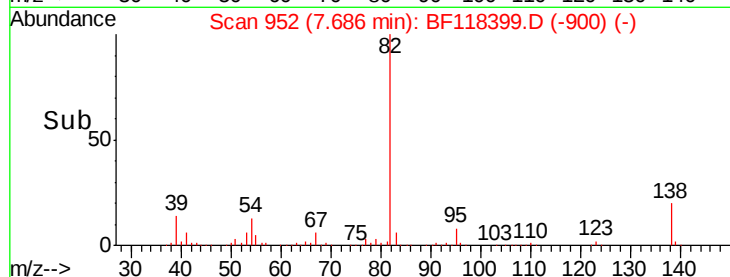
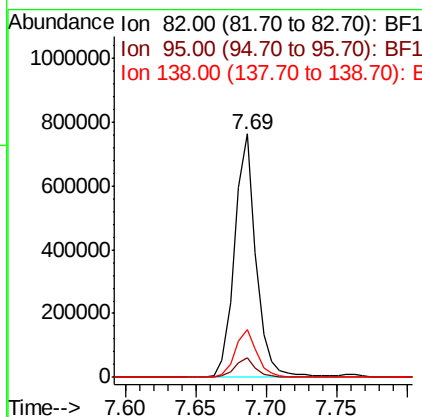
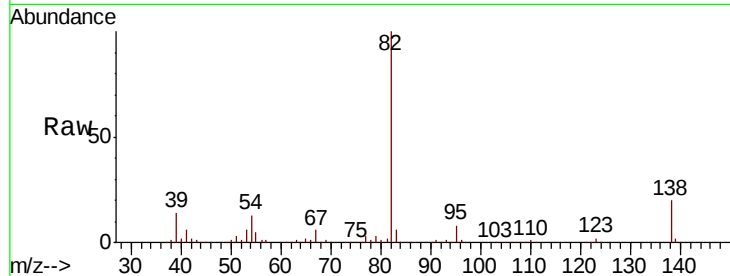
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	813003
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	19.7	16.2	24.2

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#26

2-Nitrophenol

Concen: 39.438 ng

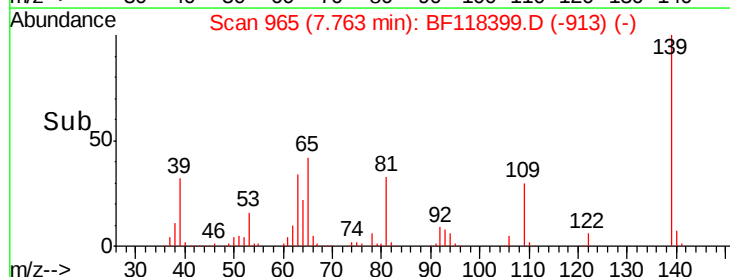
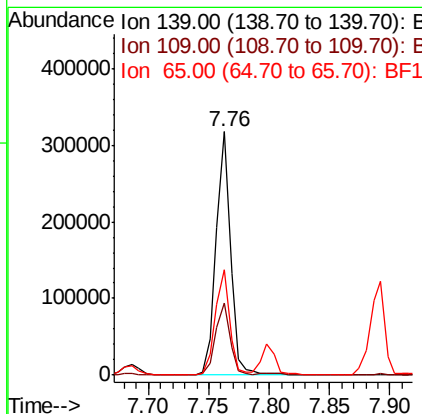
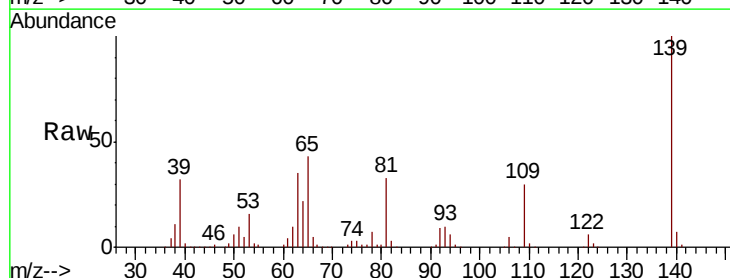
RT: 7.76 min Scan# 965

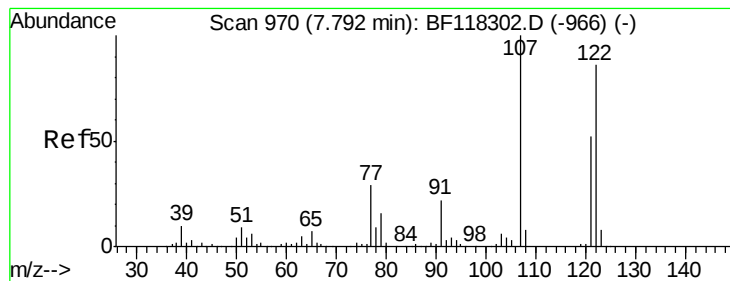
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	139	Resp:	261415
Ion Ratio	Lower	Upper	
139	100		
109	29.6	24.1	36.1
65	43.3	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 37.154 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

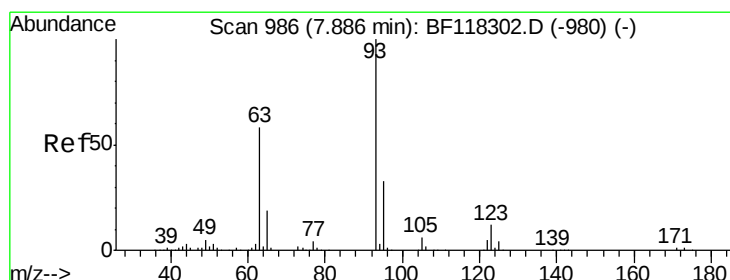
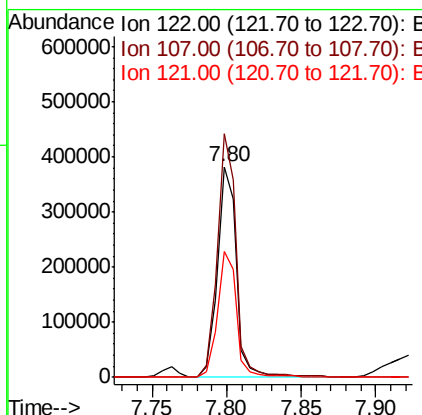
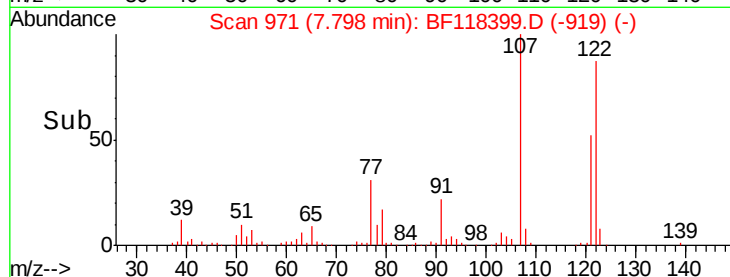
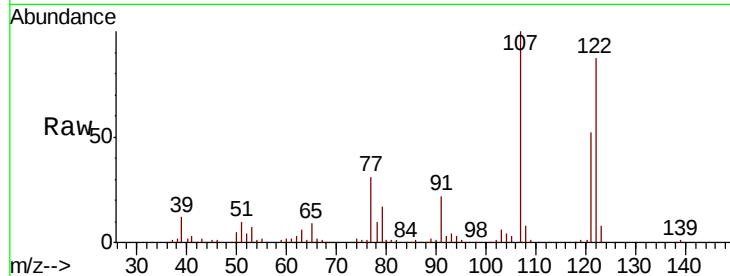
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	336018
Ion Ratio	Lower	Upper	
122	100		
107	115.5	92.9	139.3
121	59.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 37.506 ng

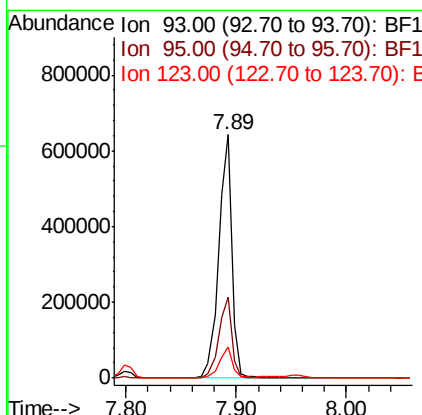
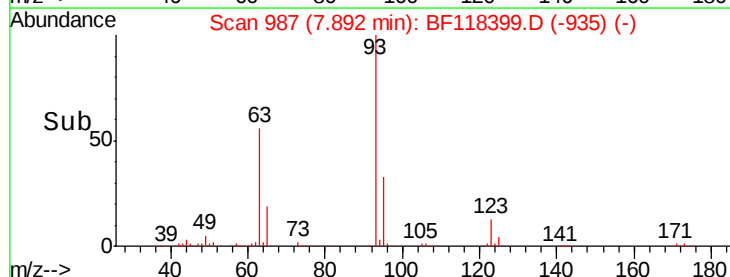
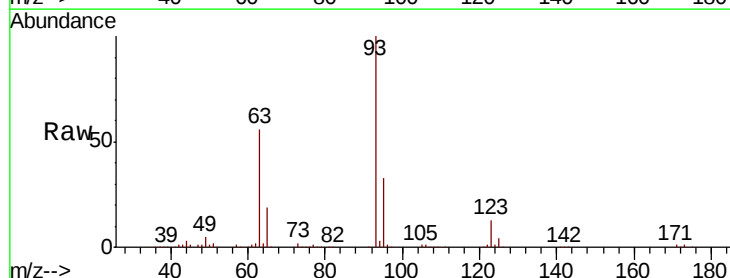
RT: 7.89 min Scan# 987

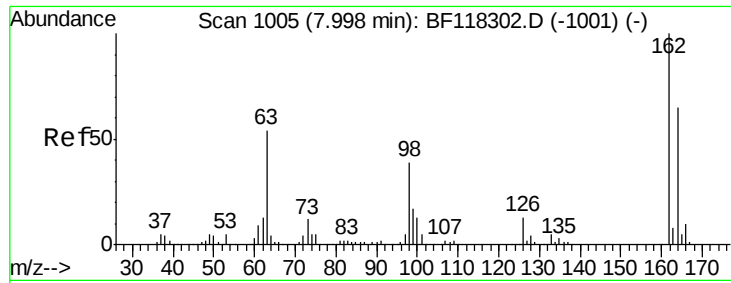
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	93	Resp:	534052
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.4
123	12.6	9.8	14.8





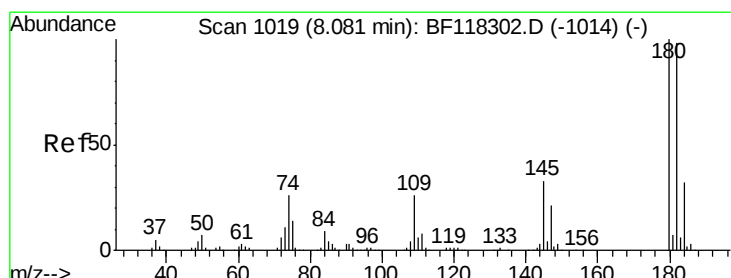
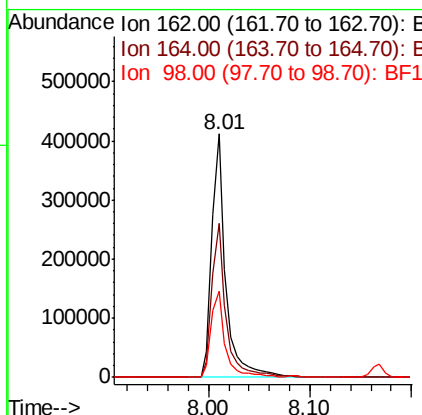
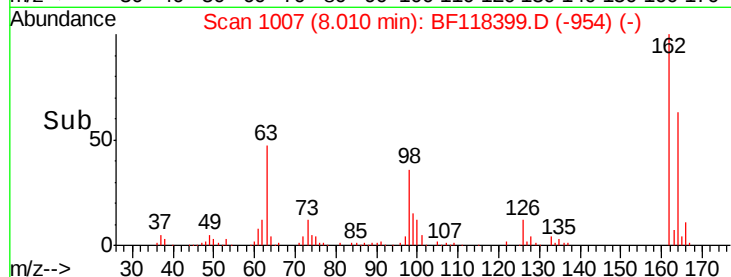
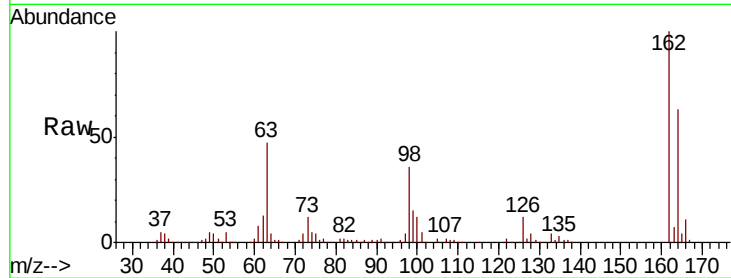
#29
2,4-Dichlorophenol
Concen: 38.042 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	395998		
164	63.3	45.1	85.1	
98	35.5	18.6	58.6	

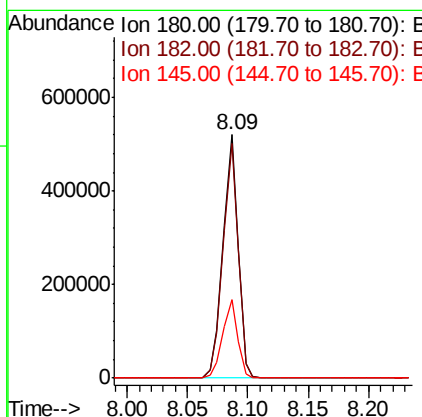
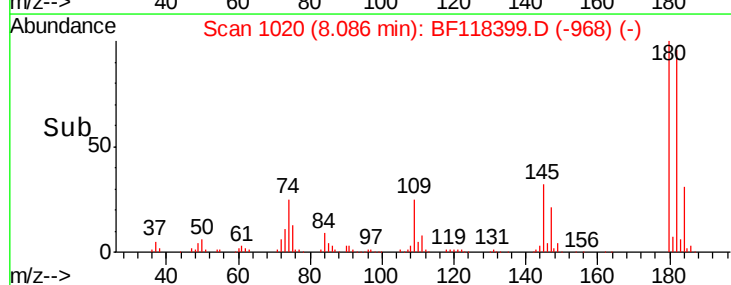
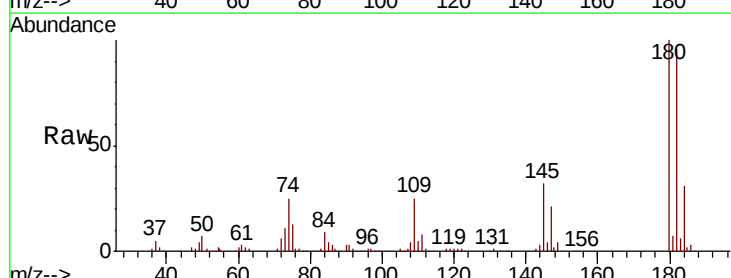
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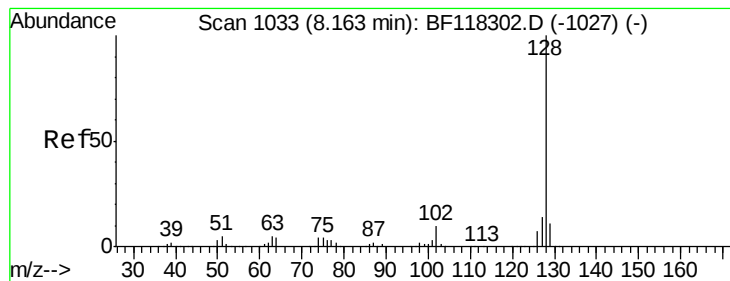
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#30
1,2,4-Trichlorobenzene
Concen: 37.445 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	454055		
182	96.2	78.3	117.5	
145	32.2	26.7	40.1	





#31

Naphthalene

Concen: 37.750 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1370976

Ion Ratio Lower Upper

128 100

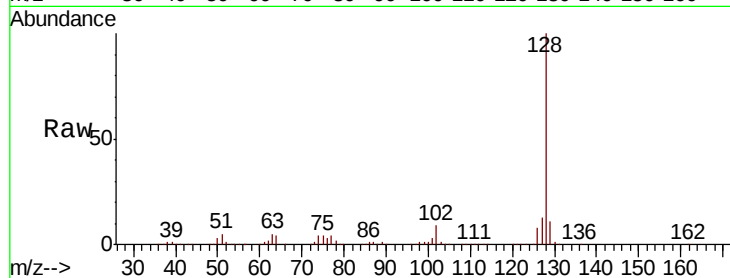
129 11.0 9.0 13.4

127 13.3 11.0 16.4

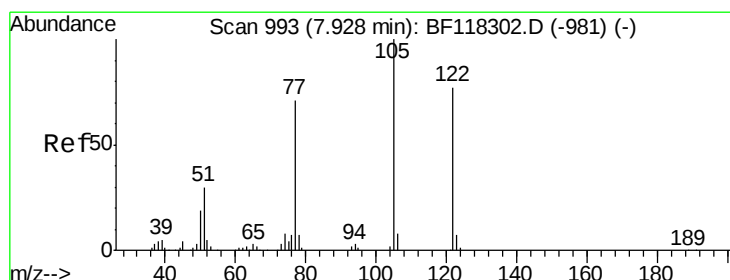
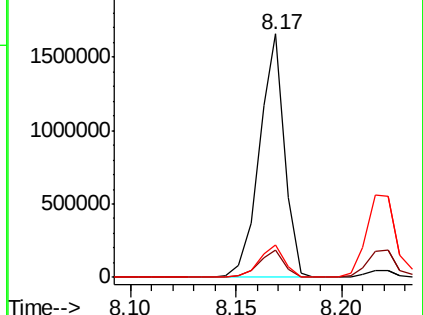
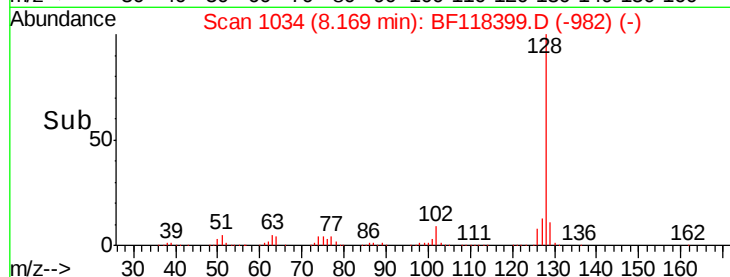
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.248 ng m

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

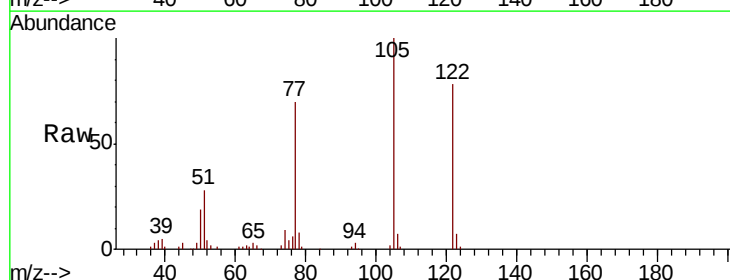
Tgt Ion:122 Resp: 238810

Ion Ratio Lower Upper

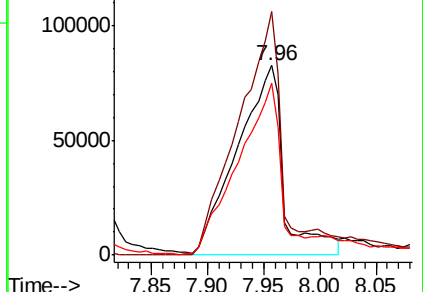
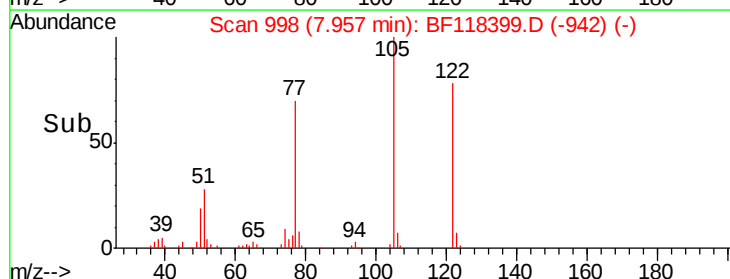
122 100

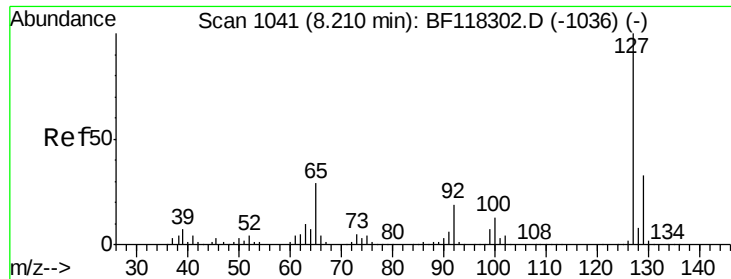
105 128.5 106.8 146.8

77 90.4 70.4 110.4



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





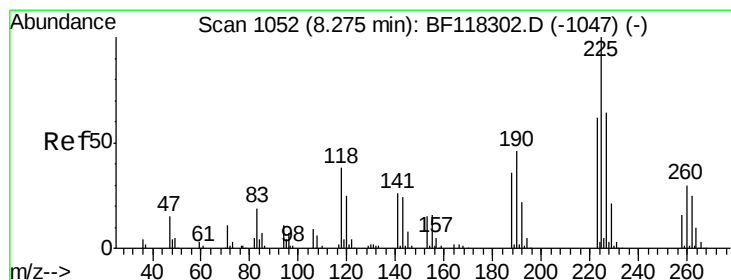
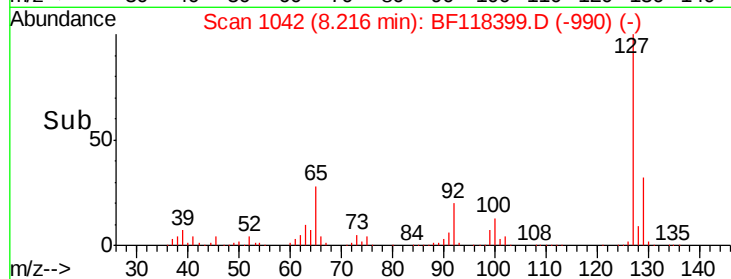
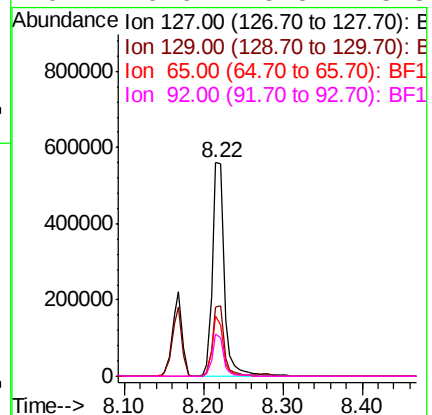
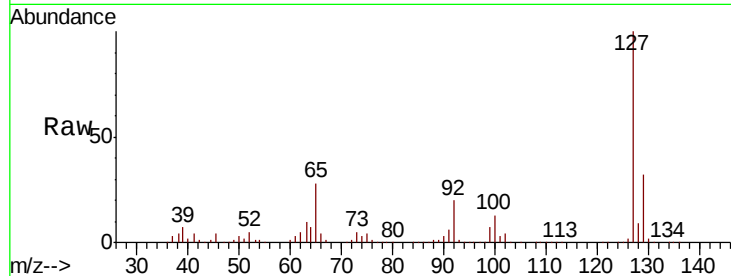
#33
4-Chloroaniline
Concen: 37.660 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.5	39.7	
65	28.3	22.8	34.2	
92	19.6	15.5	23.3	

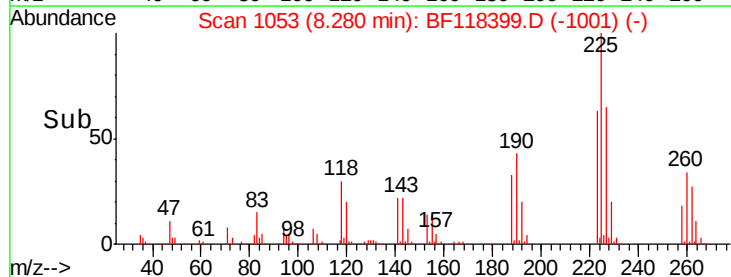
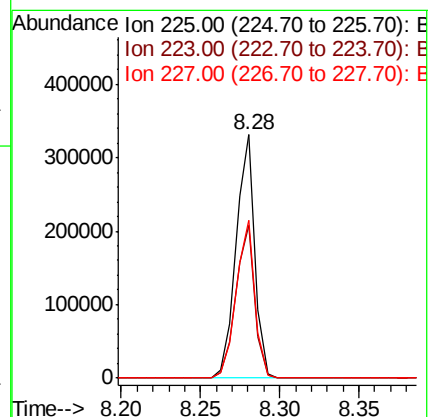
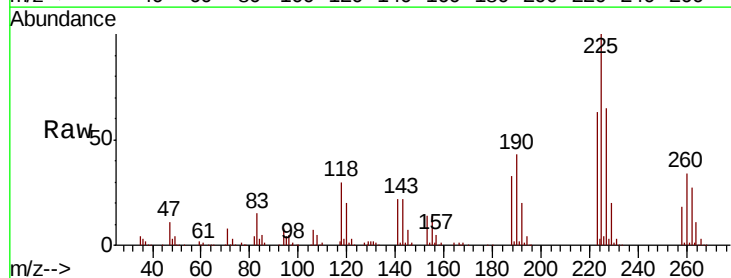
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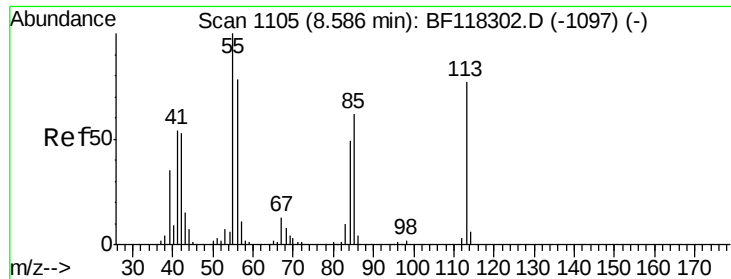
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#34
Hexachlorobutadiene
Concen: 37.595 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	49.5	74.3	
227	64.7	51.0	76.4	





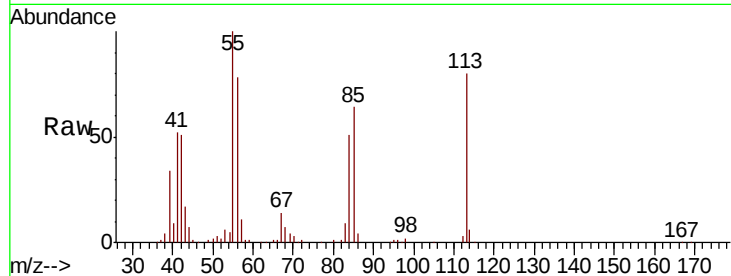
#35
Caprolactam
Concen: 37.916 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

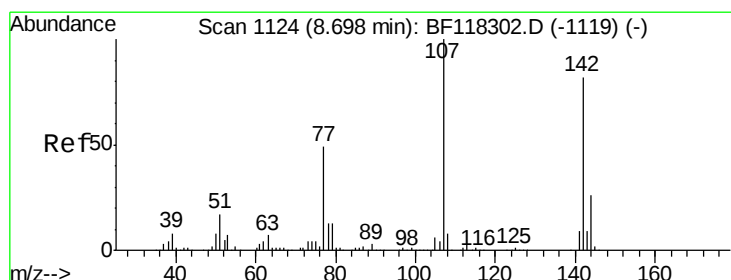
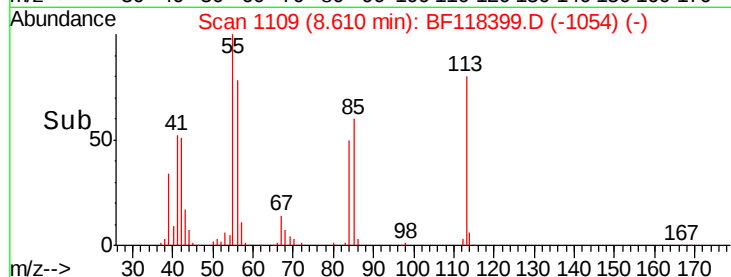
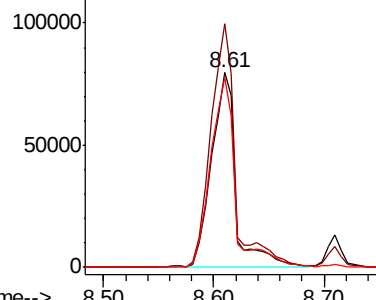
Tot Ion	Ratio	Lower	Upper
113	100		
55	125.3	109.8	149.8
56	97.8	81.7	121.7

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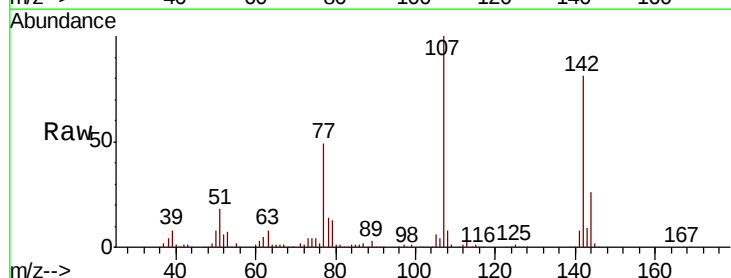


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

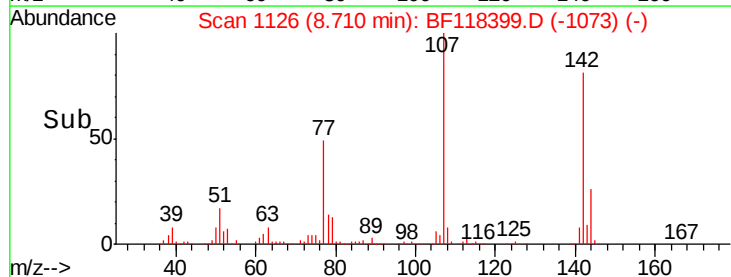
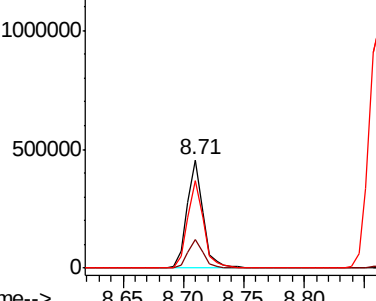


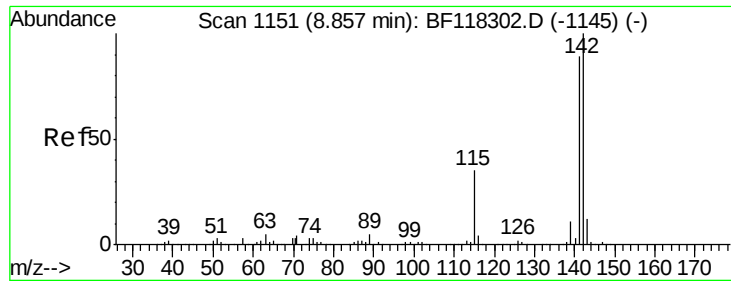
#36
4-Chloro-3-methylphenol
Concen: 37.062 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.2	31.8
142	81.0	65.4	98.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





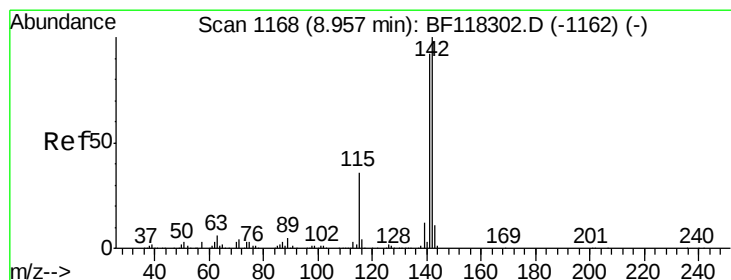
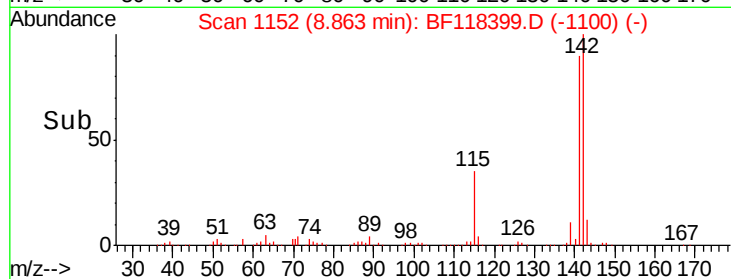
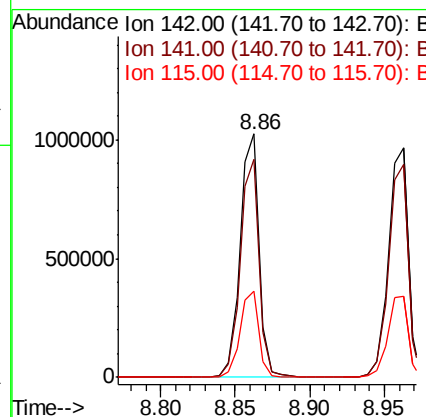
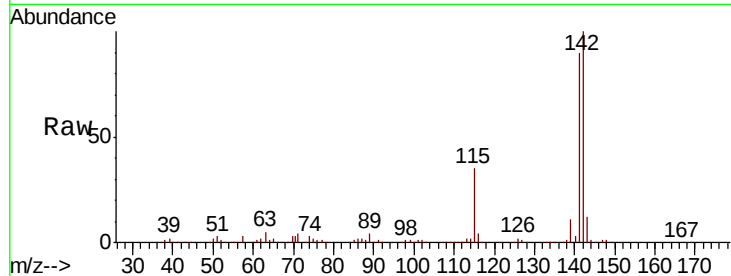
#37
2-Methylnaphthalene
Concen: 37.030 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	35.2	28.0	42.0

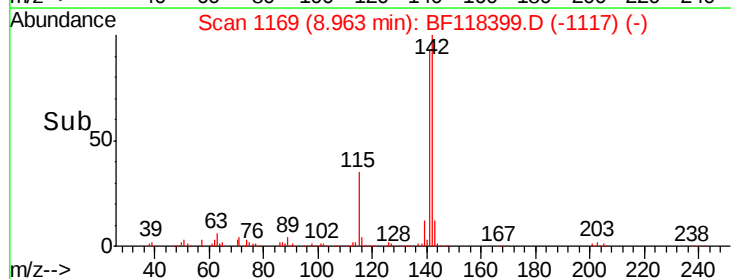
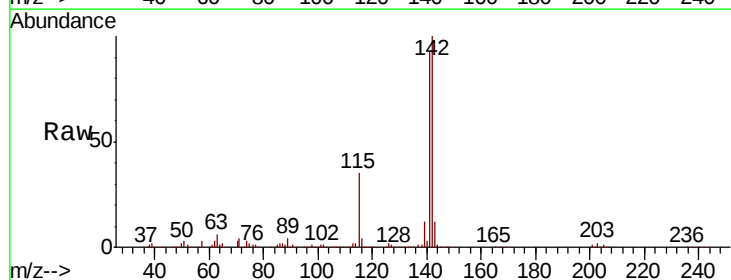
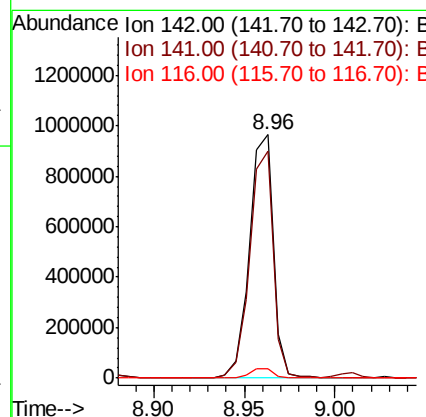
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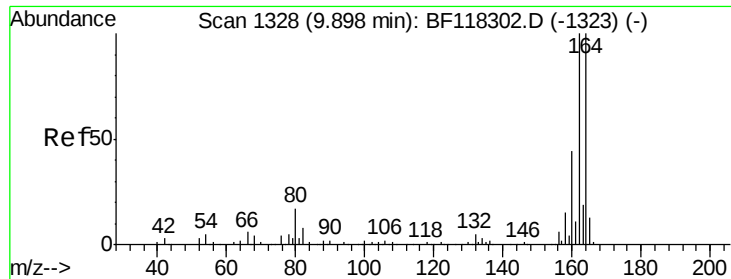
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#38
1-Methylnaphthalene
Concen: 37.375 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.2
116	3.7	2.9	4.3





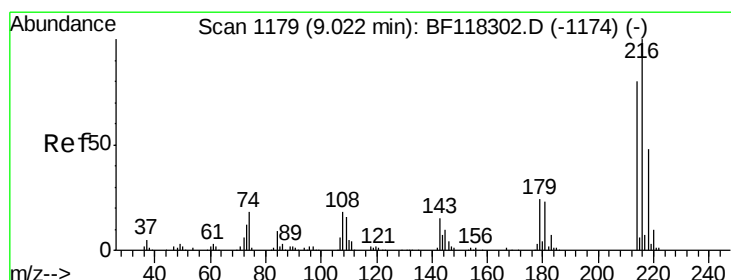
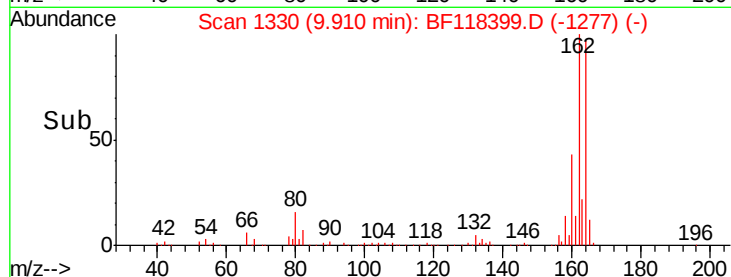
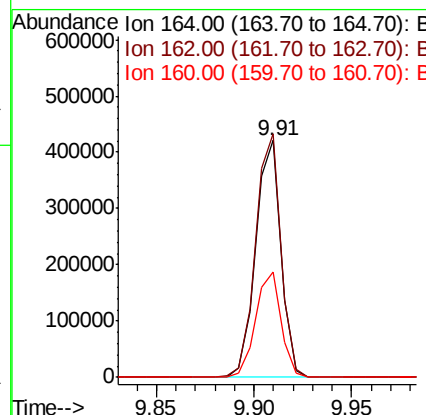
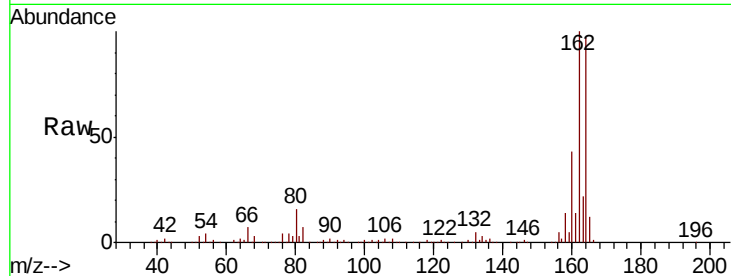
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	80.0	120.0	
160	44.4	34.8	52.2	

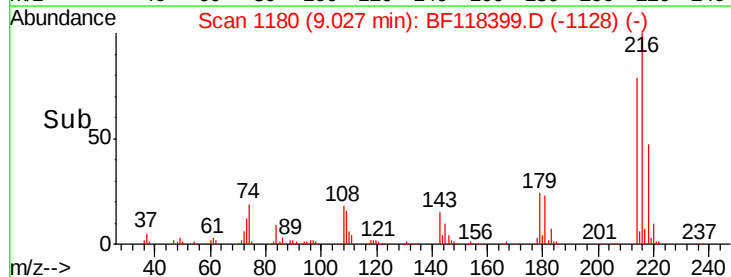
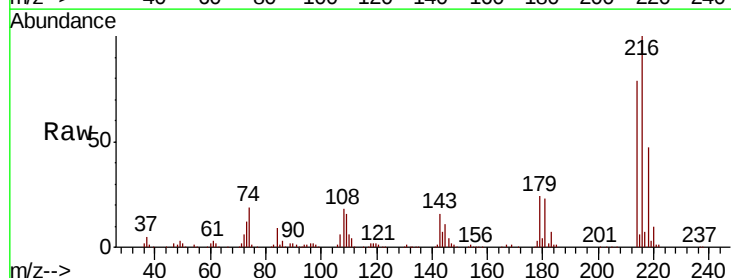
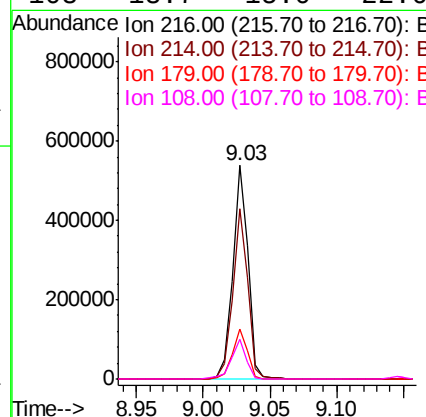
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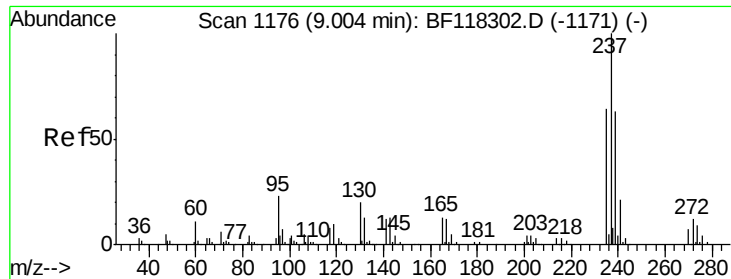
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.288 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.3	94.9	
179	23.1	18.9	28.3	
108	18.7	15.0	22.6	





#41

Hexachlorocyclopentadiene

Concen: 33.876 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

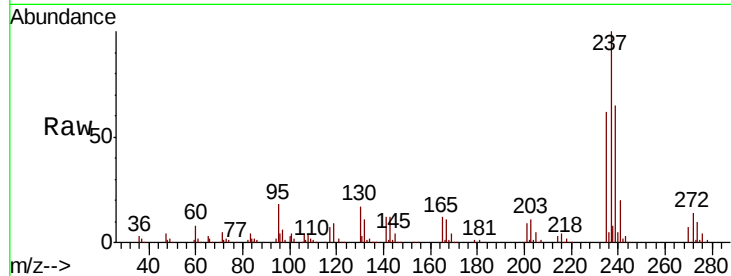
ClientSampleId :

SSTDCCC040

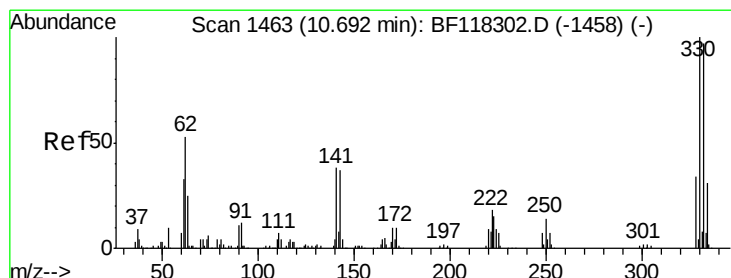
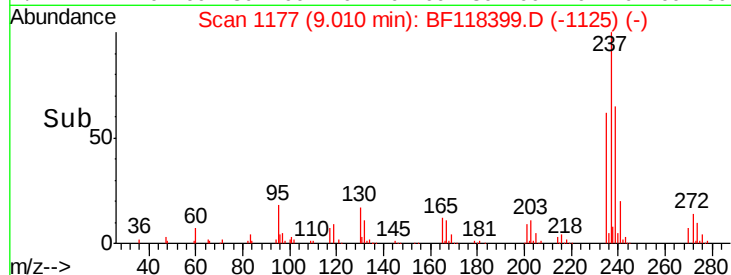
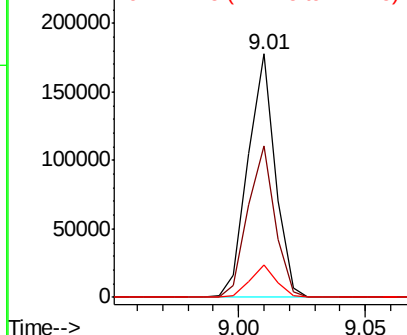
Tot Ion:	237	Resp:	133178
Ion Ratio		Lower	Upper
237	100		
235	62.4	43.8	83.8
272	13.6	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 73.168 ng

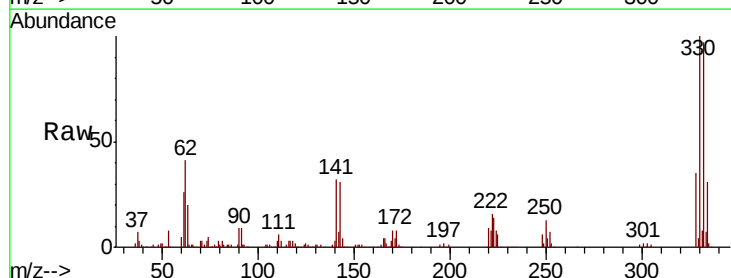
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

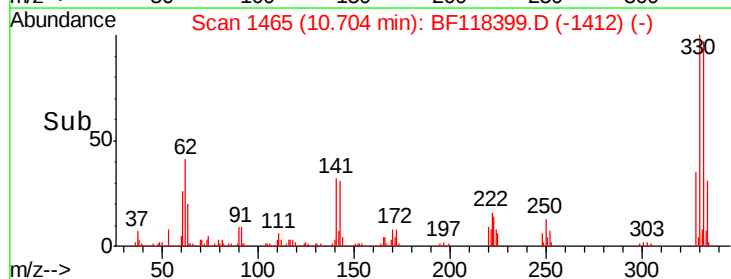
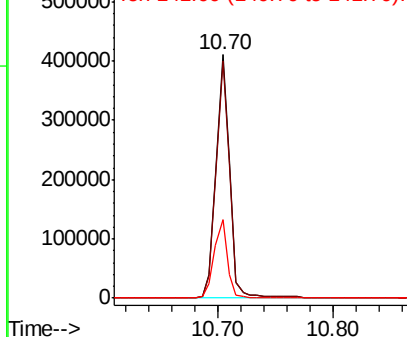
Lab File: BF118399.D

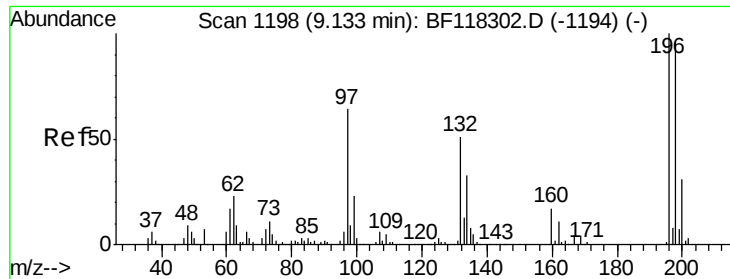
Acq: 31 Dec 2019 12:04

Tgt Ion:	330	Resp:	339679
Ion Ratio		Lower	Upper
330	100		
332	97.3	76.6	114.8
141	31.6	26.0	39.0



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





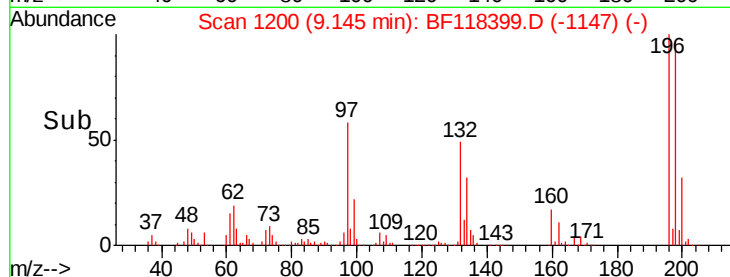
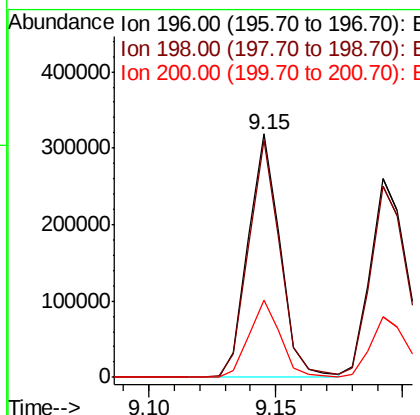
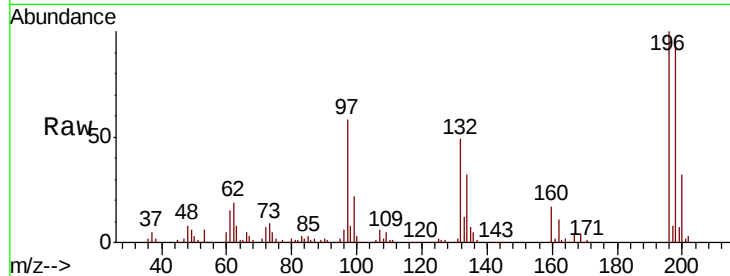
#43
 2,4,6-Trichlorophenol
 Concen: 36.983 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279067		
198	97.2	76.7	115.1	
200	31.9	24.8	37.2	

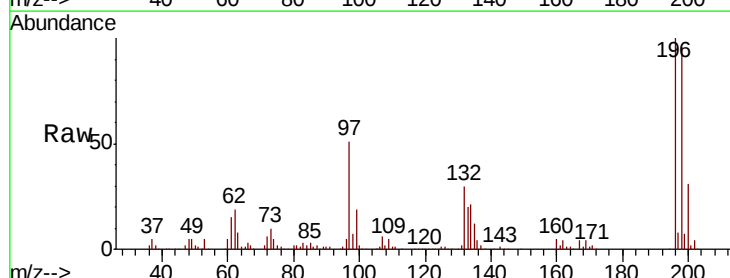
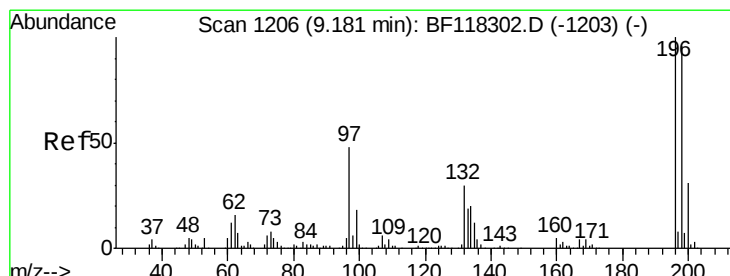
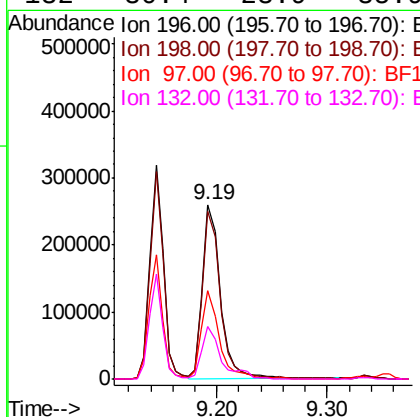
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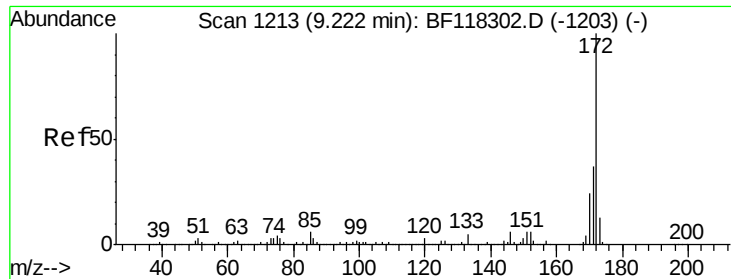
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#44
 2,4,5-Trichlorophenol
 Concen: 36.717 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285018		
198	95.9	77.0	115.4	
97	50.7	38.9	58.3	
132	30.4	23.9	35.9	





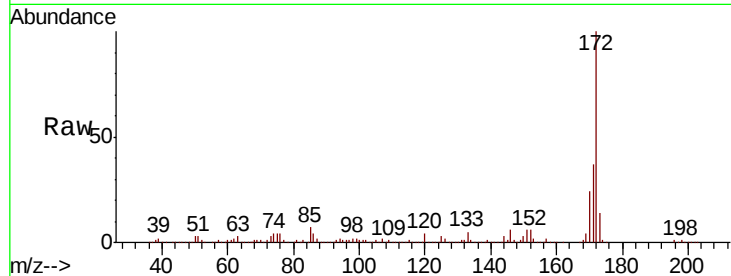
#45
2-Fluorobiphenyl
Concen: 75.222 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	23.9	19.2	28.8

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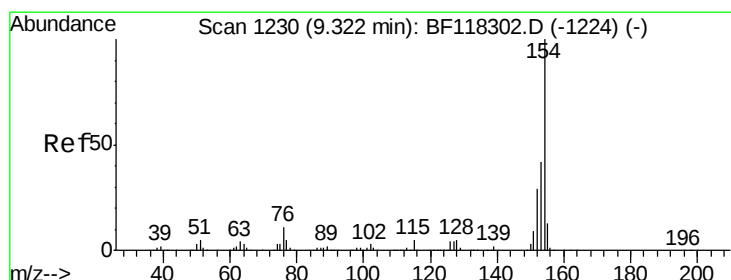
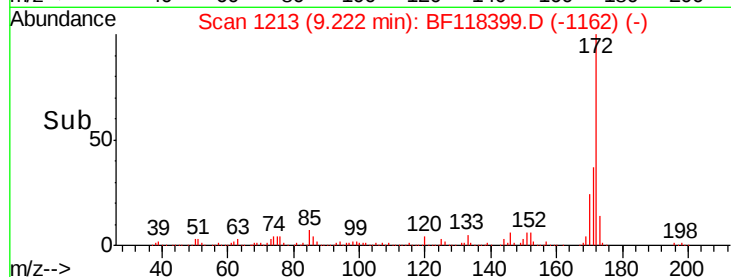
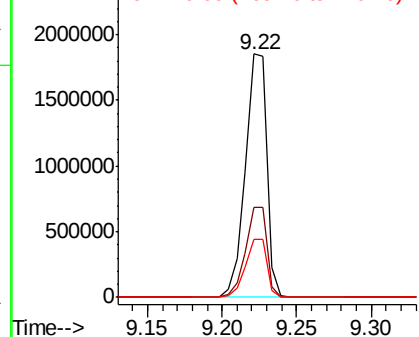


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.055 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

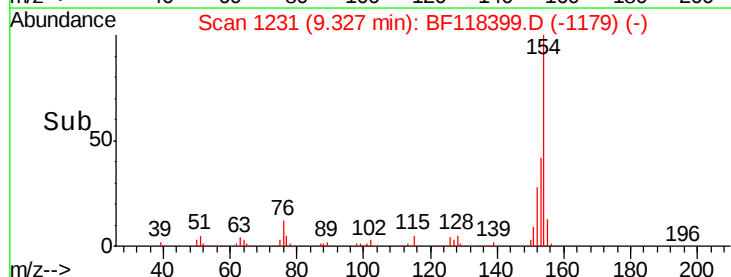
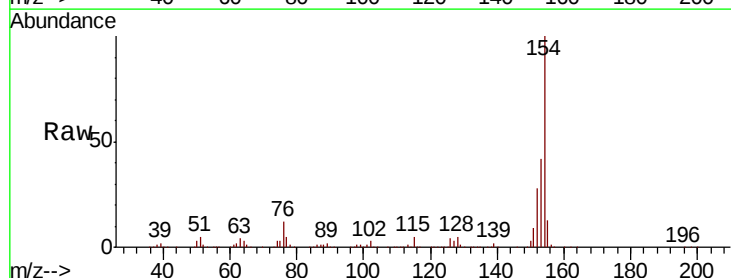
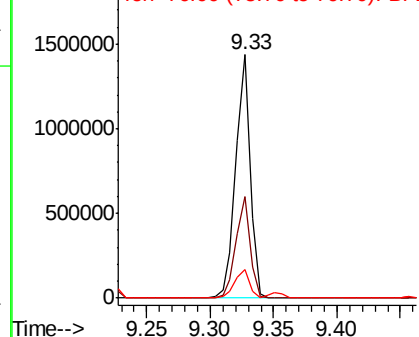
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.8	61.8
76	11.5	0.0	30.9

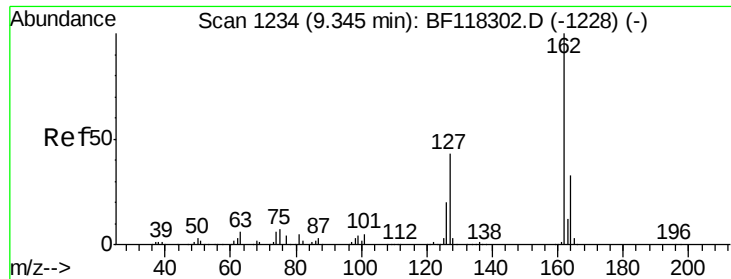
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





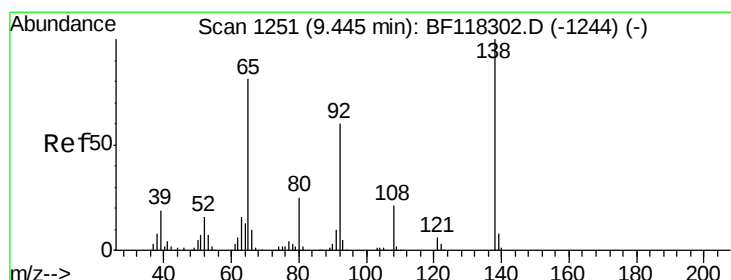
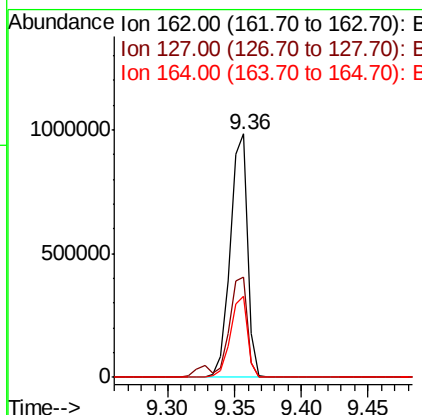
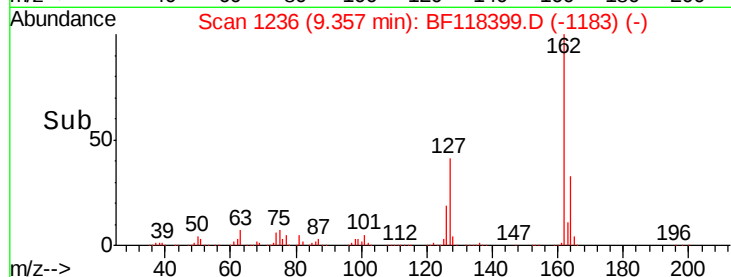
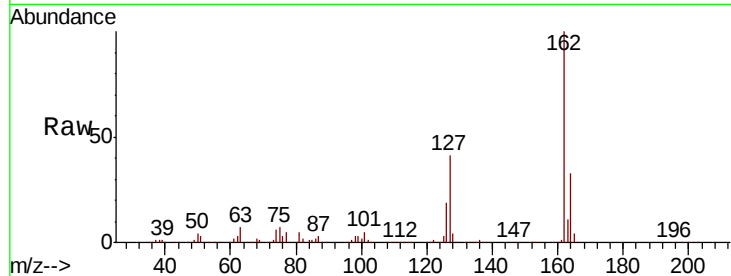
#47
2-Chloronaphthalene
Concen: 37.970 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.3	35.0	52.4	
164	33.3	26.6	40.0	

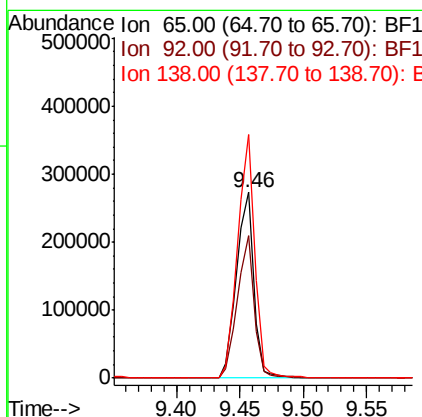
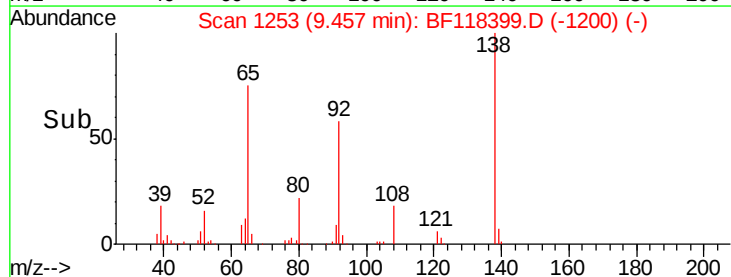
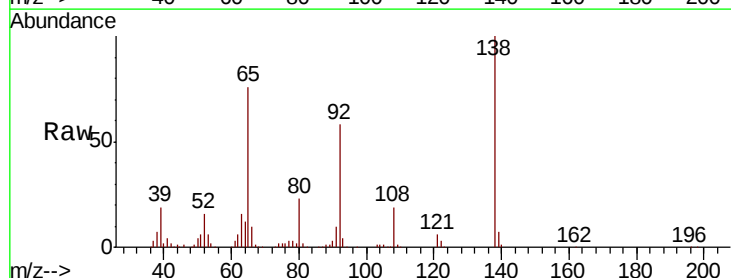
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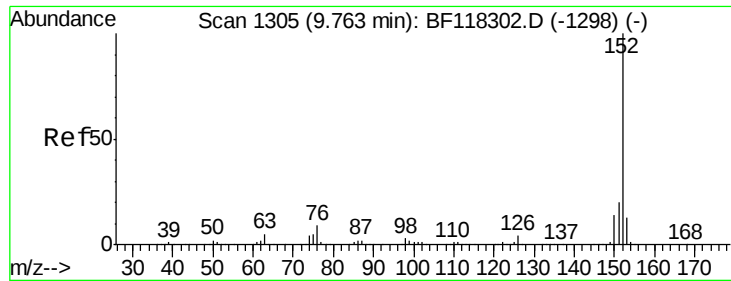
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#48
2-Nitroaniline
Concen: 38.084 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.4	58.7	88.1	
138	131.0	98.5	147.7	





#49

Acenaphthylene

Concen: 37.302 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

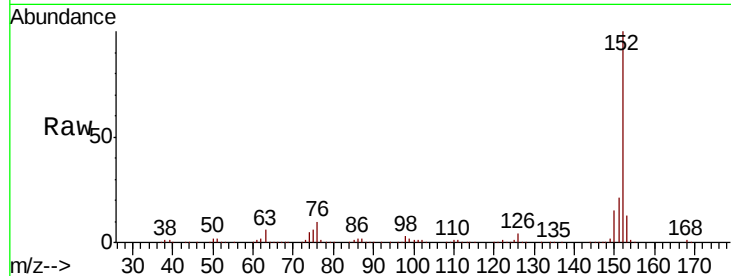
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1323919
Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.5	10.5	15.7

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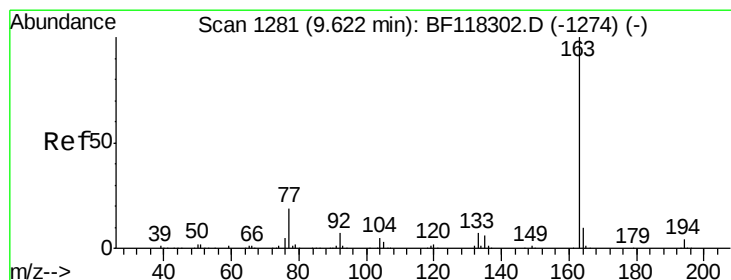
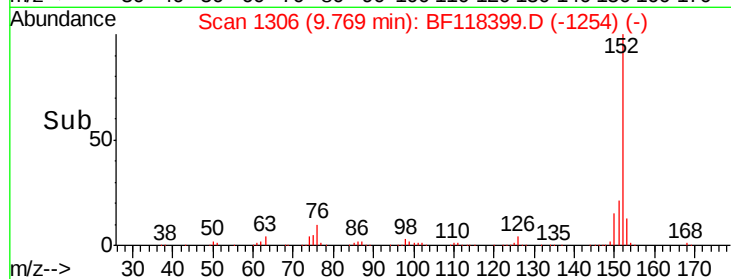
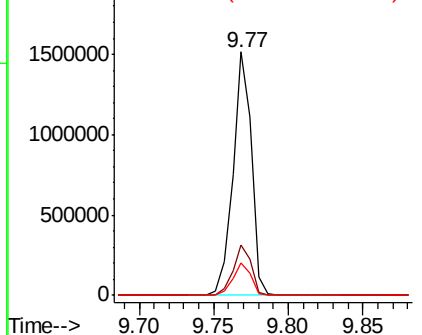


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.246 ng

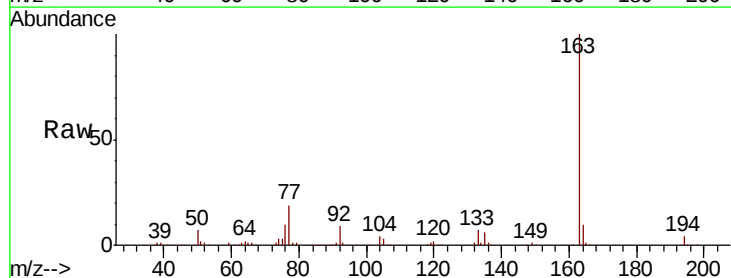
RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	163	Resp:	1051024
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.9	11.9

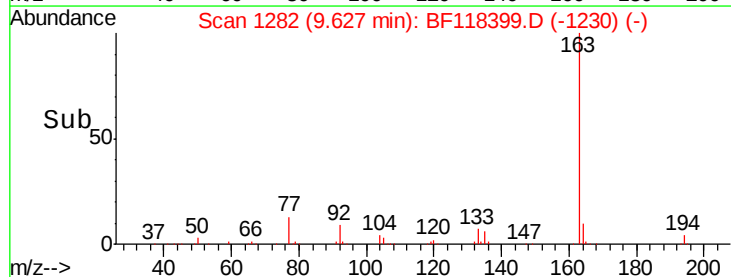
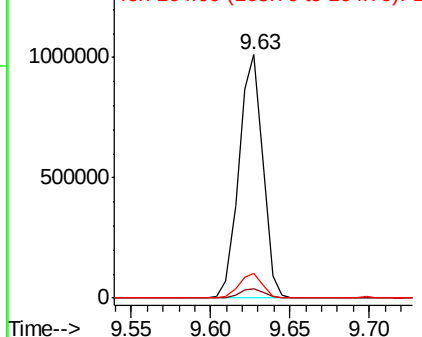


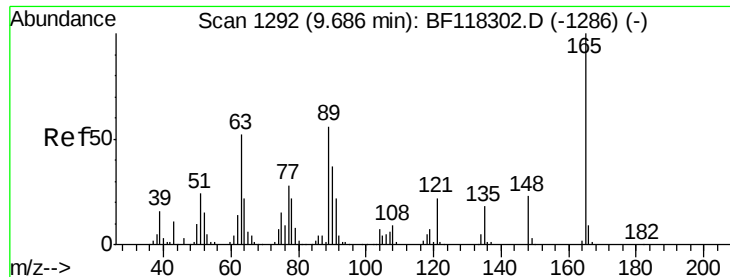
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.129 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

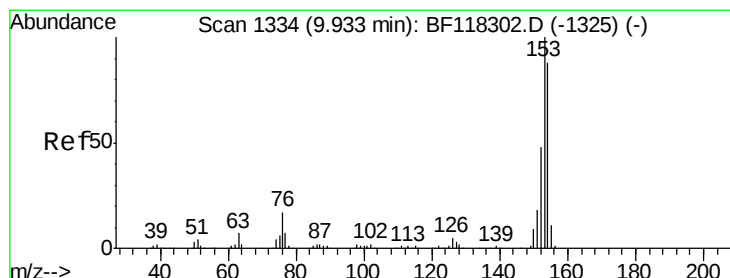
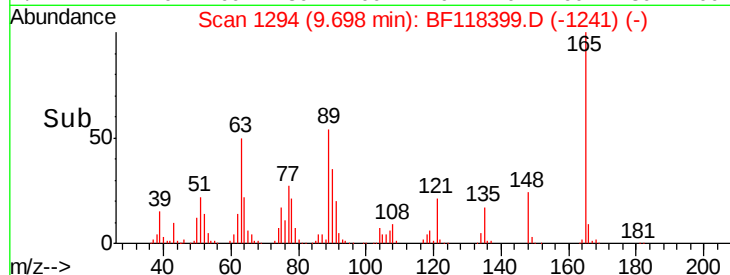
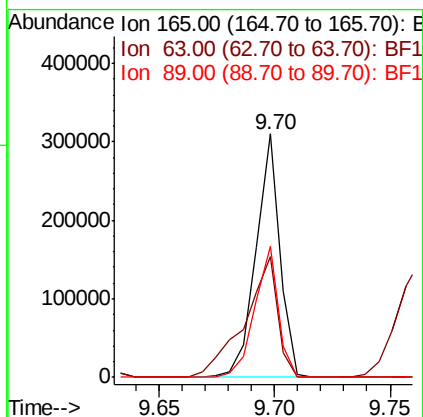
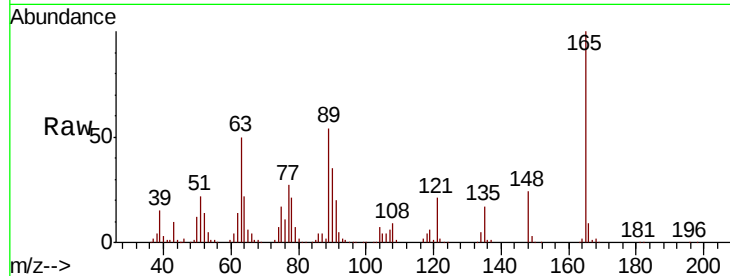
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	225885
Ion Ratio	Lower	Upper	
165	100		
63	49.6	42.2	63.4
89	53.7	44.4	66.6

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#52

Acenaphthene

Concen: 37.687 ng

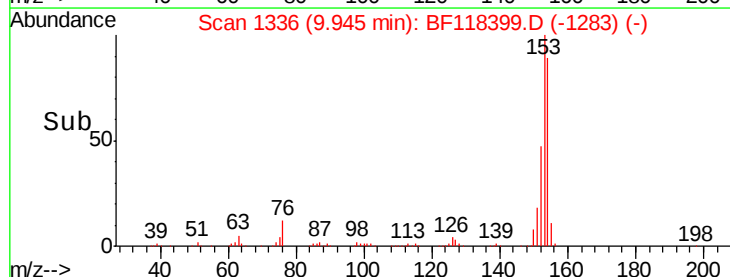
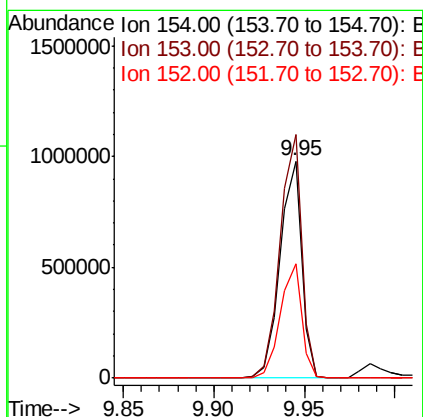
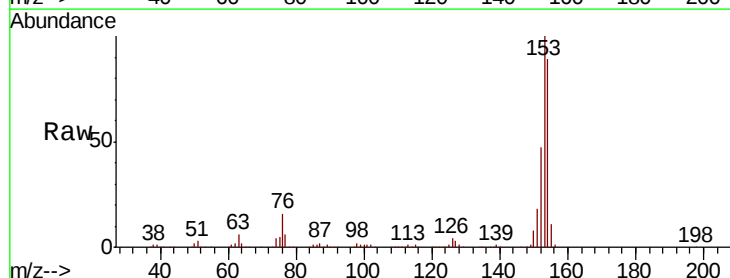
RT: 9.95 min Scan# 1336

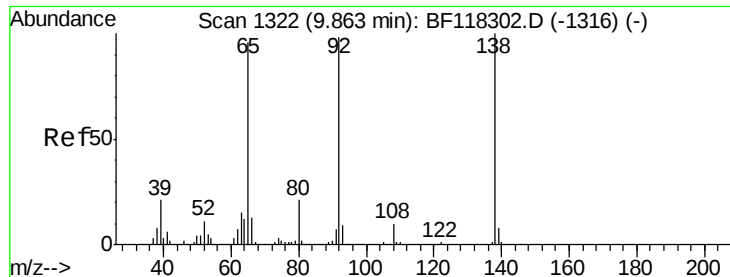
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	154	Resp:	814733
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.6	136.0
152	52.8	43.1	64.7





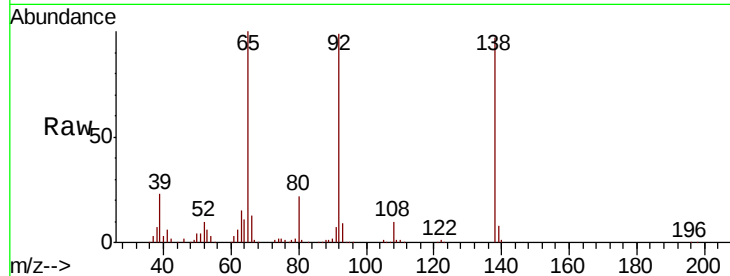
#53
3-Nitroaniline
Concen: 38.241 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	101.6	78.2	117.2

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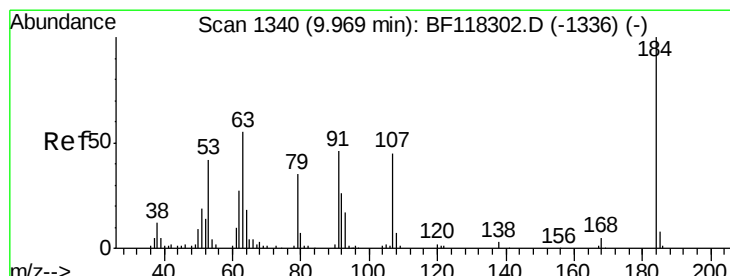
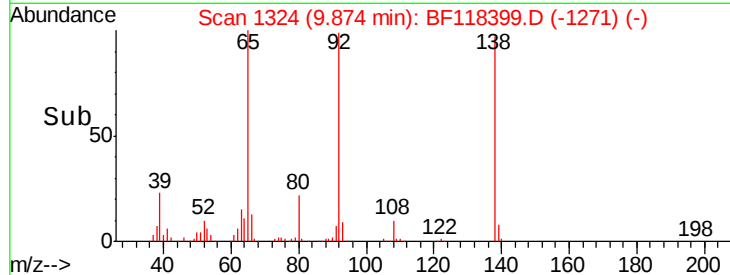
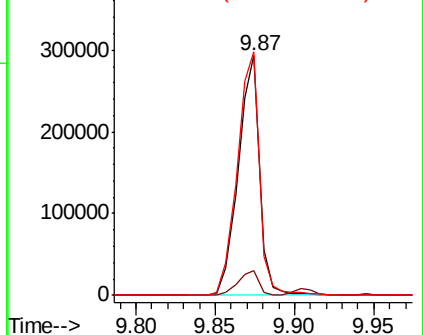


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 40.649 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

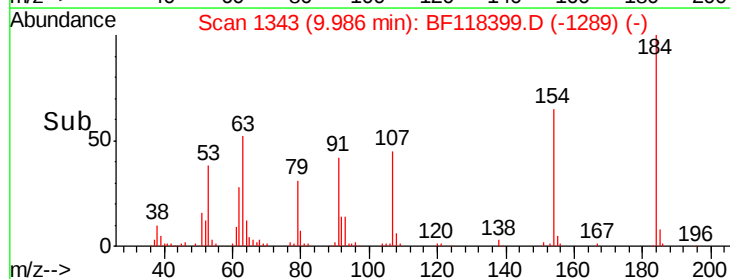
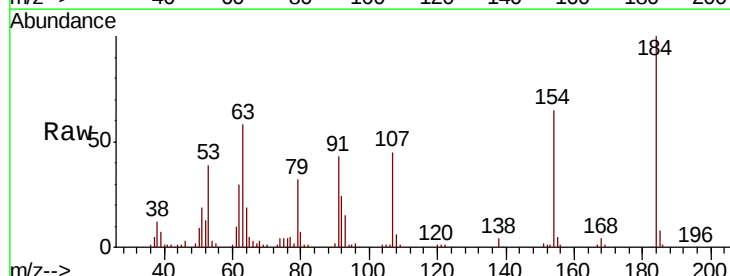
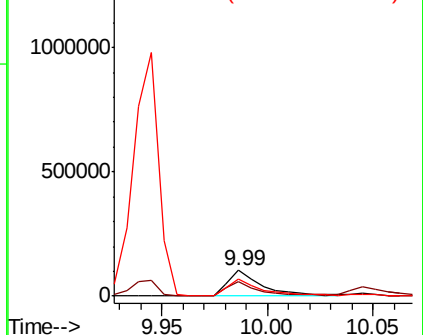
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	48.8	73.2
154	65.4	55.0	82.4

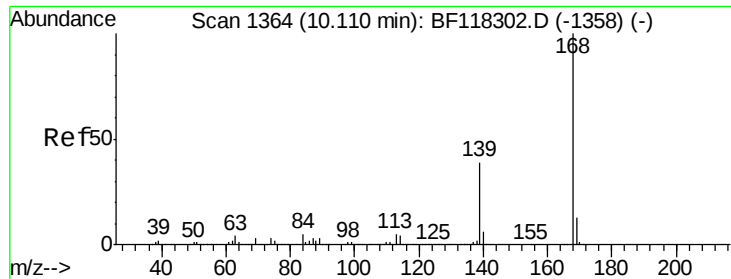
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.771 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1174573

Ion Ratio Lower Upper

168 100

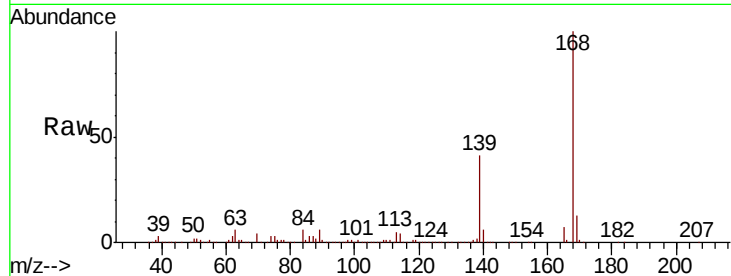
139 41.1 31.5 47.3

169 13.3 10.4 15.6

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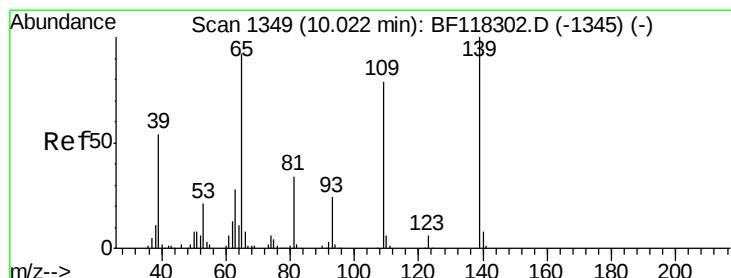
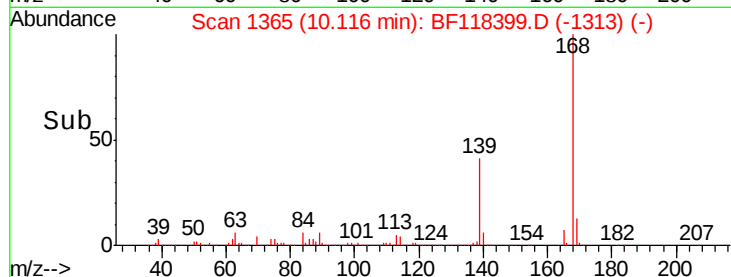
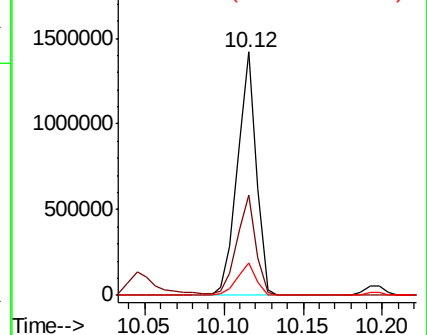
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.879 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

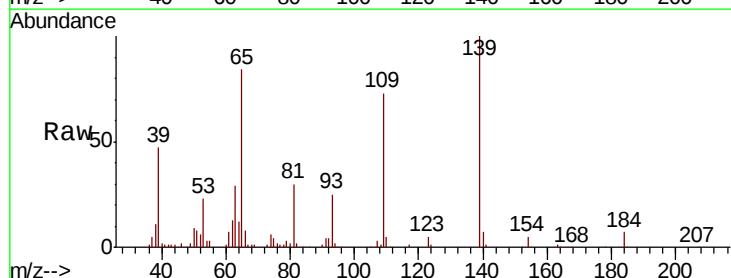
Tgt Ion:139 Resp: 171382

Ion Ratio Lower Upper

139 100

109 73.1 59.3 99.3

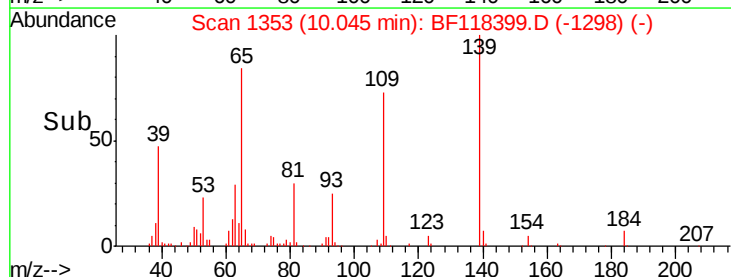
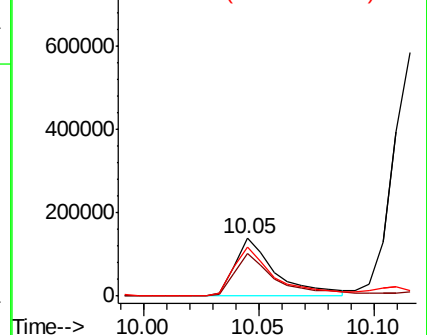
65 84.4 72.4 112.4

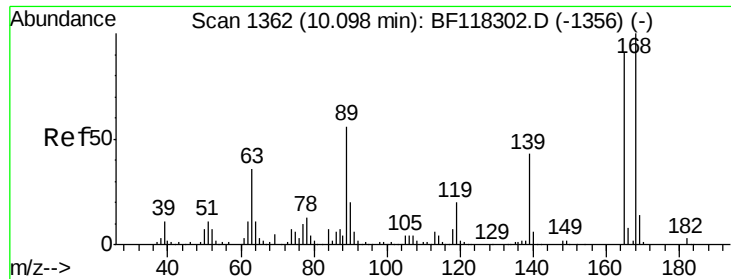


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





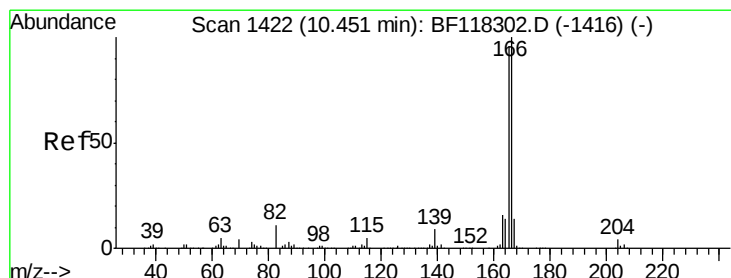
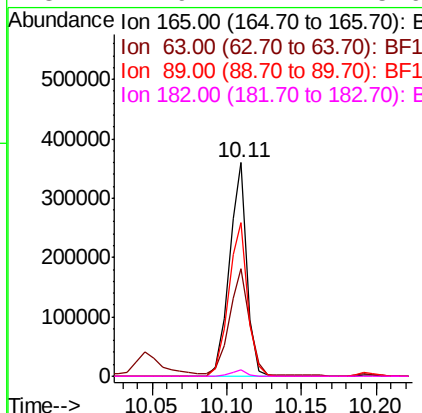
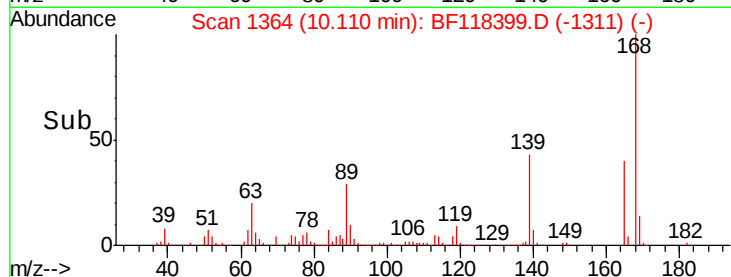
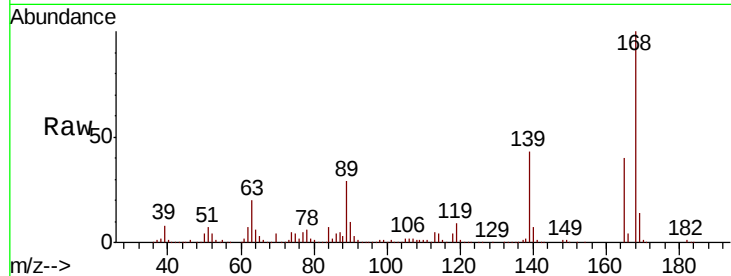
#57
2,4-Dinitrotoluene
Concen: 36.869 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	299713		
63	50.4	32.0	48.0	#
89	72.1	49.3	73.9	
182	2.9	2.4	3.6	

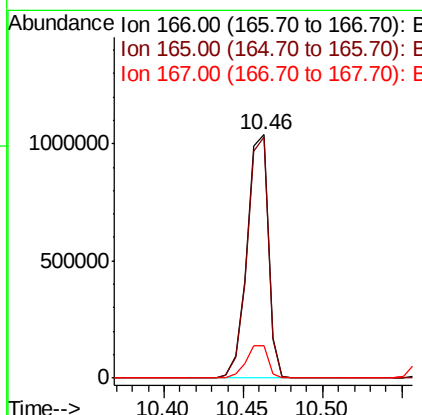
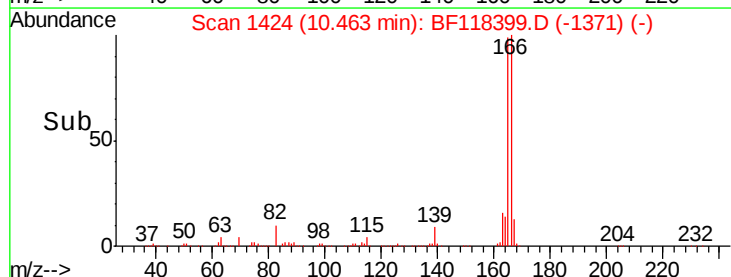
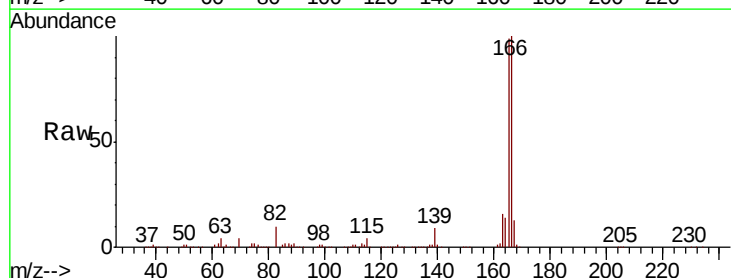
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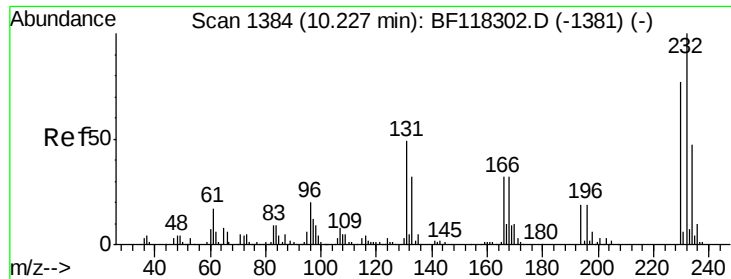
mohammad
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#58
Fluorene
Concen: 37.336 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	962750		
165	99.2	77.0	115.4	
167	13.3	10.9	16.3	





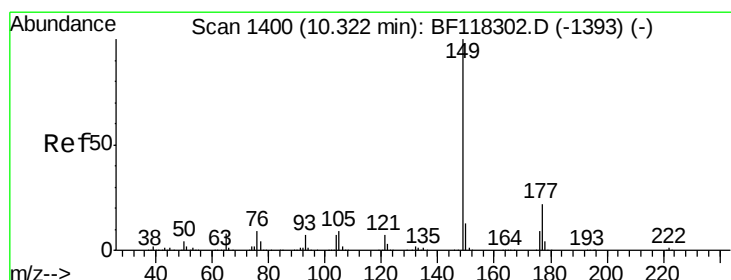
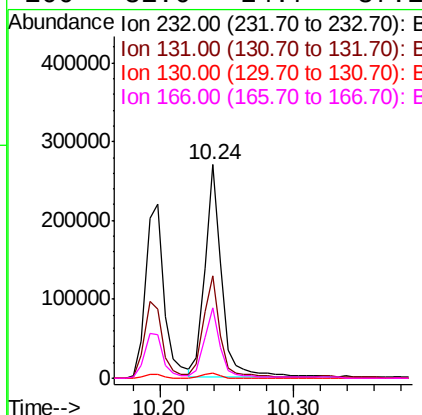
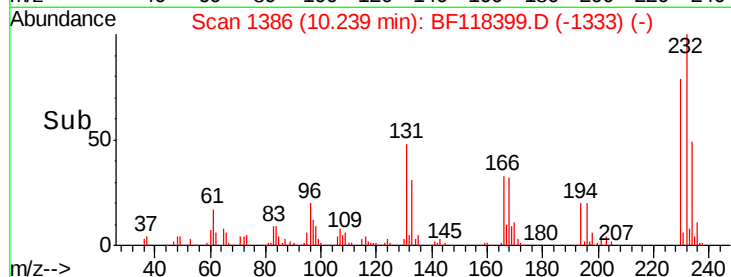
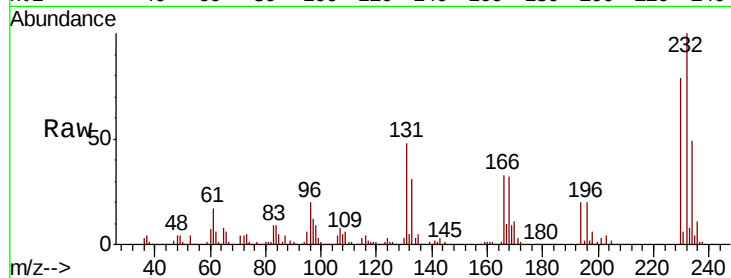
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.725 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	37.7	56.5
130	2.5	2.0	3.0
166	31.6	24.7	37.1

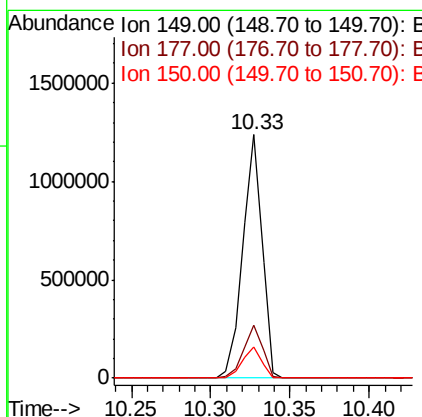
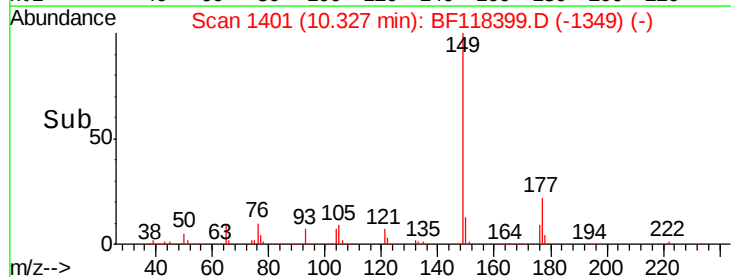
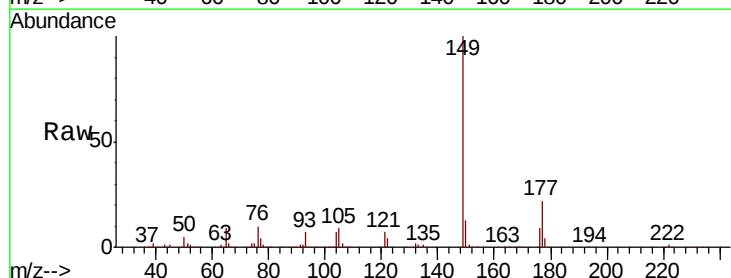
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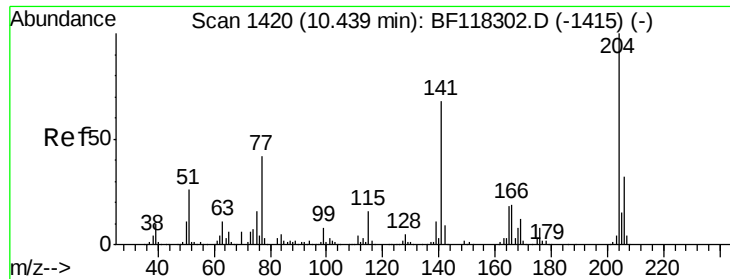
mohammad
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#60
Diethylphthalate
Concen: 37.209 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.9	26.9
150	12.7	10.2	15.2





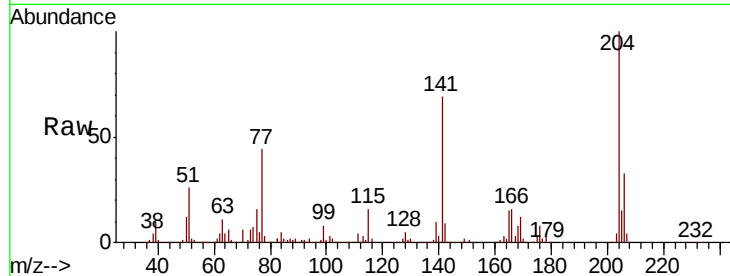
#61
4-Chlorophenyl-phenylether
Concen: 37.507 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	69.3	54.2	81.4

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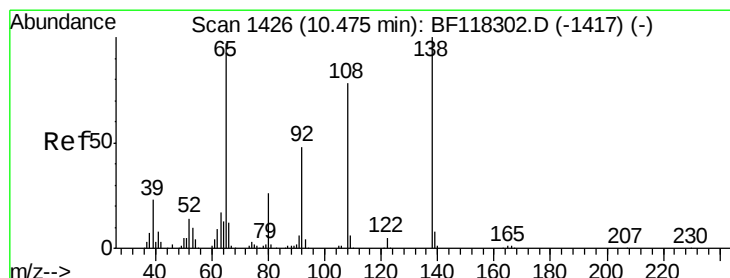
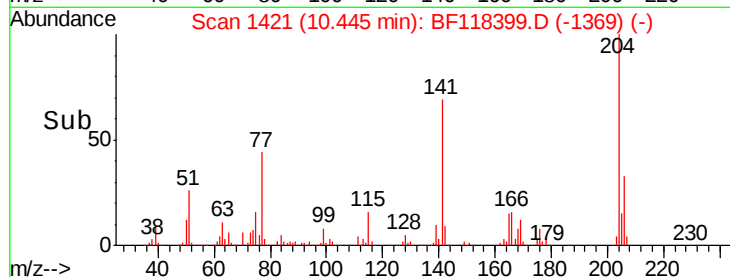
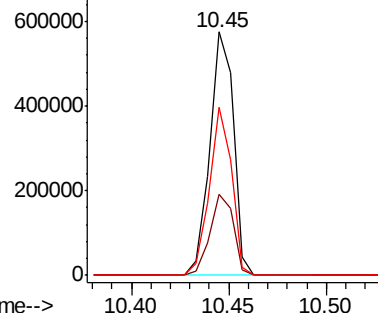


Abundance

Ion 204.00 (203.70 to 204.70): E

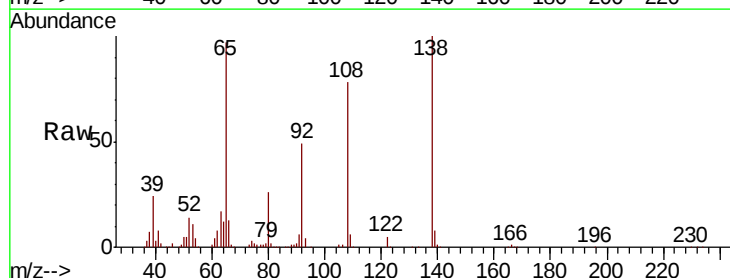
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.210 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.9	67.9
108	78.5	58.1	98.1

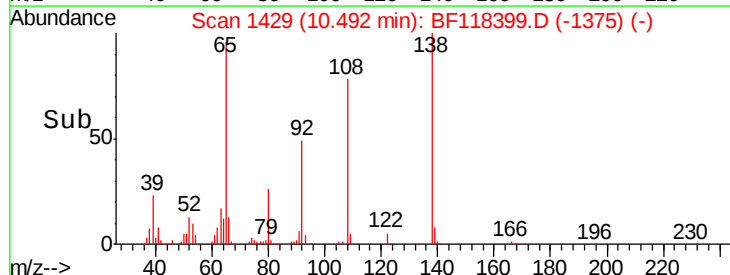
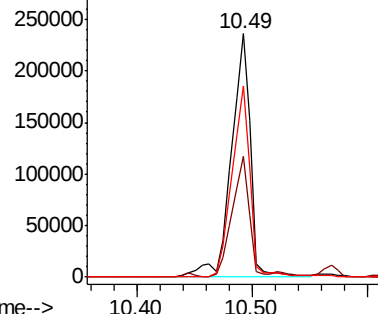


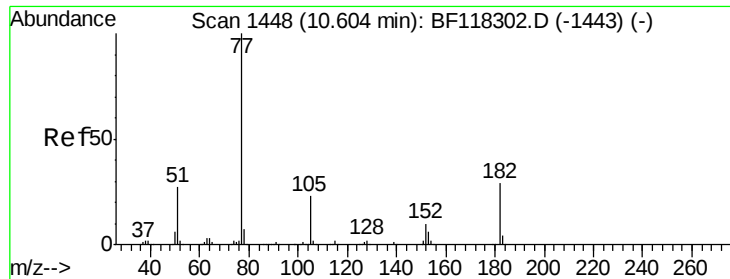
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





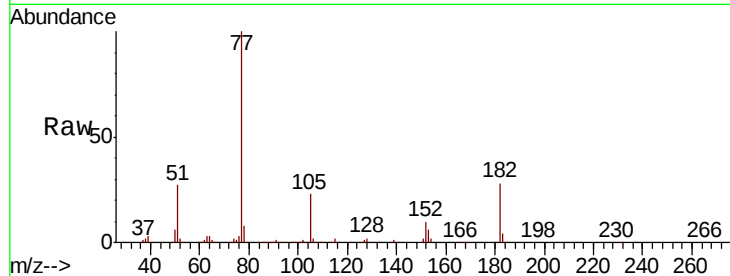
#63
Azobenzene
Concen: 36.970 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

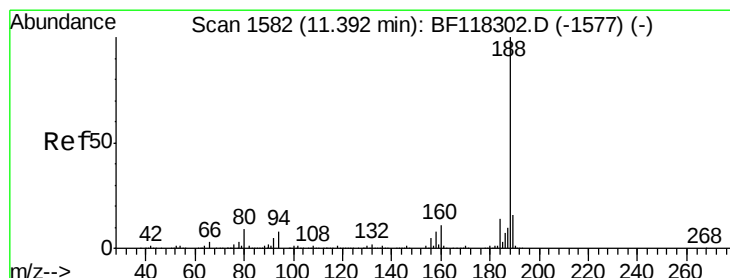
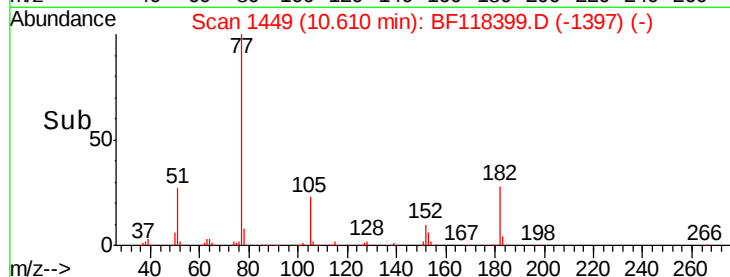
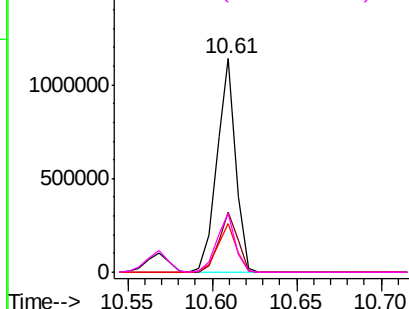
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.3	9.2	49.2	
105	23.1	3.2	43.2	
51	27.3	7.1	47.1	

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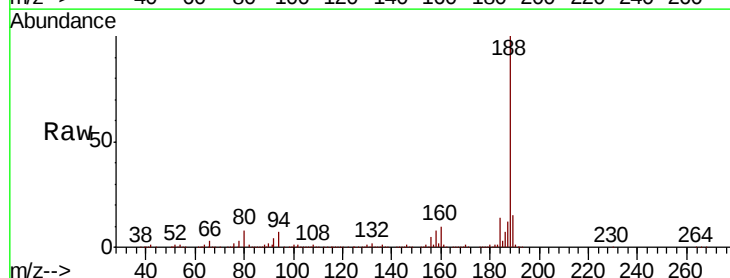


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

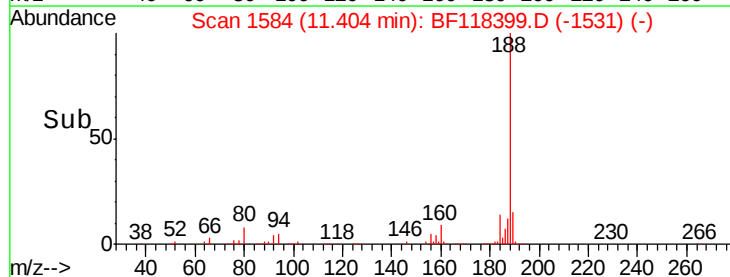
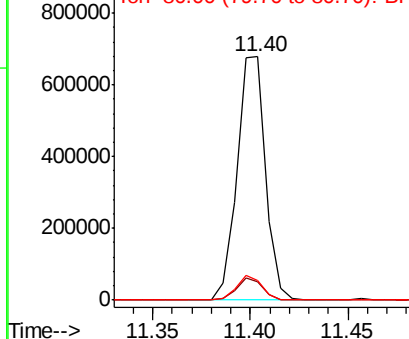


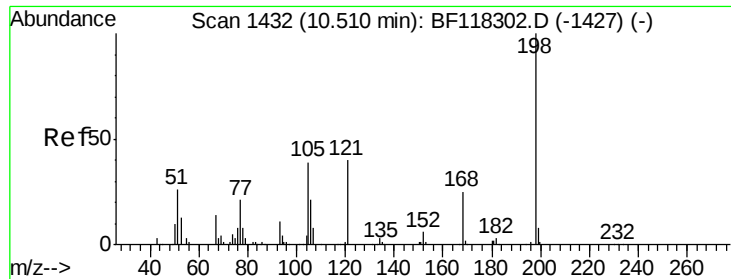
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	6.7	10.1	
80	8.3	7.2	10.8	



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





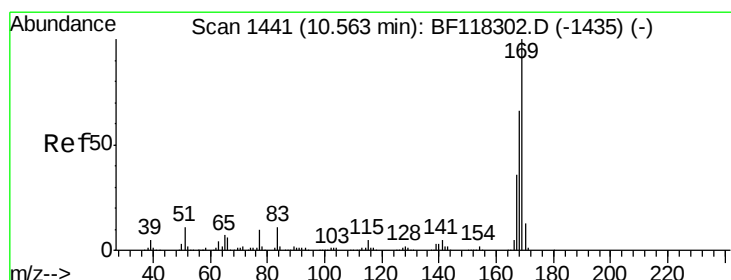
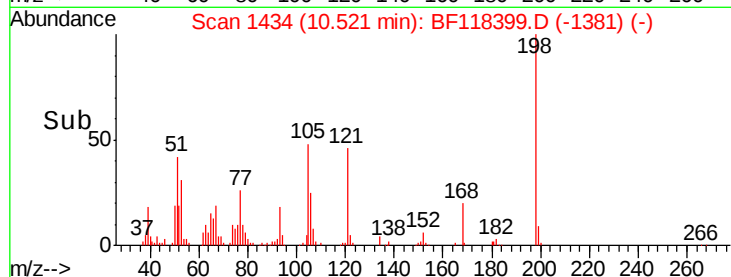
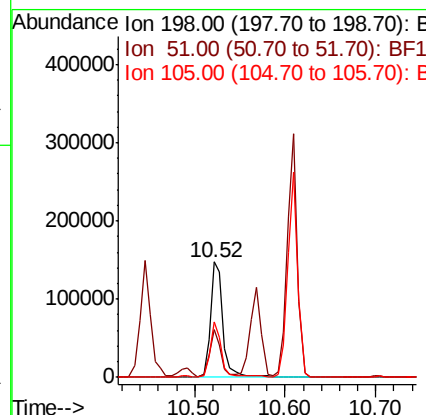
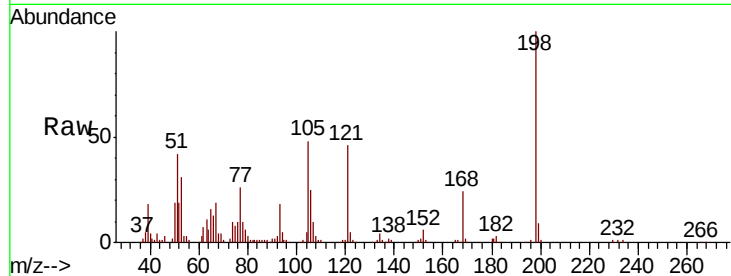
#65
4,6-Dinitro-2-methylphenol
Concen: 39.646 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	12.8	52.8
105	47.8	20.3	60.3

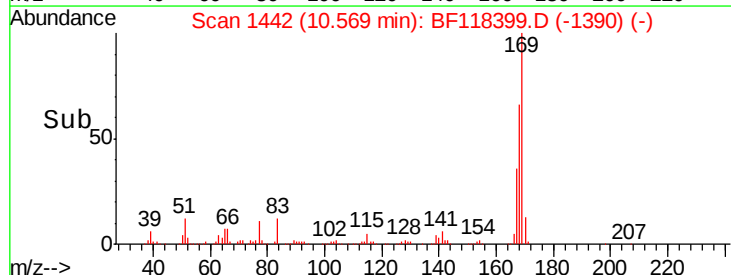
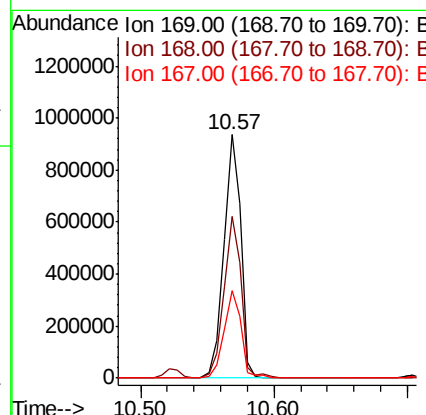
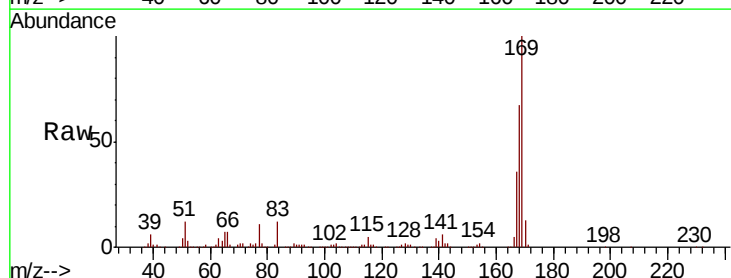
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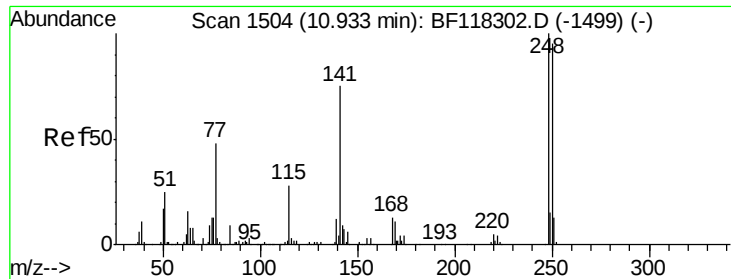
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#66
n-Nitrosodiphenylamine
Concen: 38.425 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.6	79.0
167	36.0	28.4	42.6





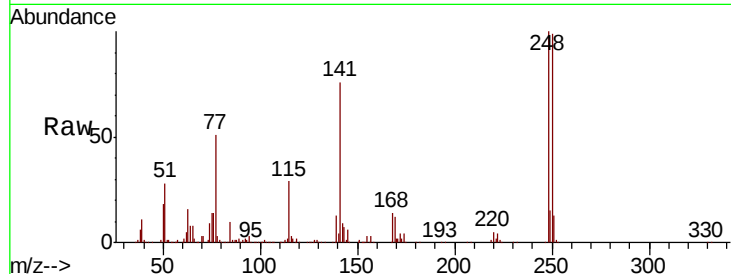
#67
4-Bromophenyl-phenylether
Concen: 37.830 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.4	114.6
141	76.2	60.2	90.2

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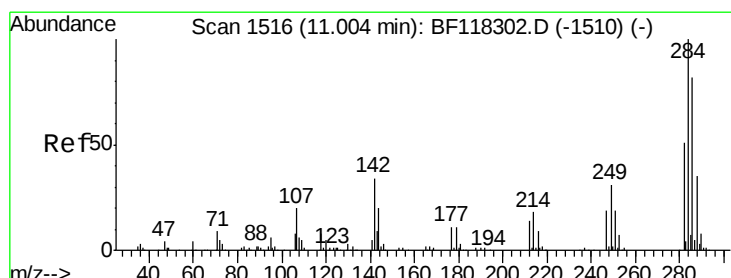
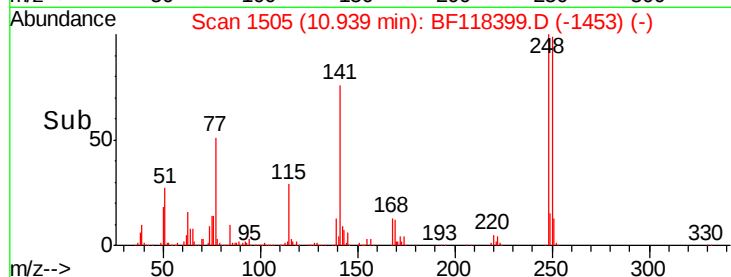
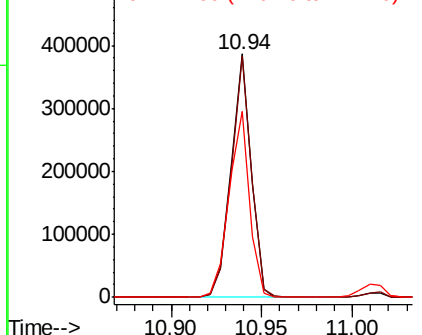


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.284 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

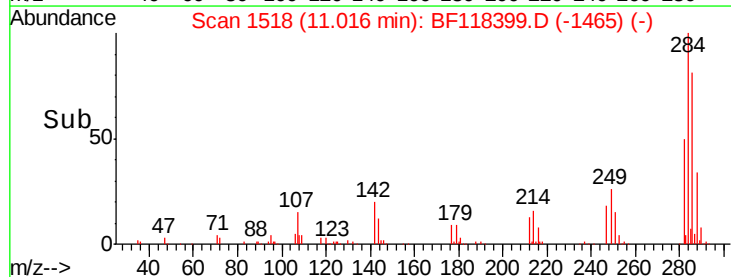
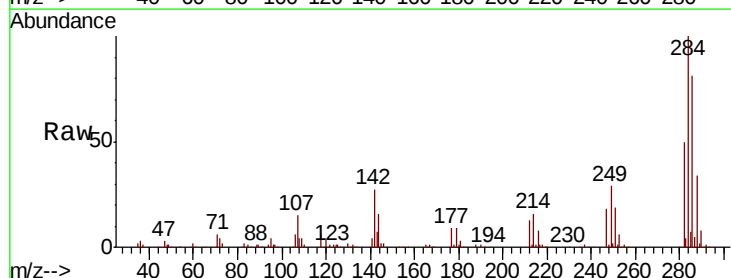
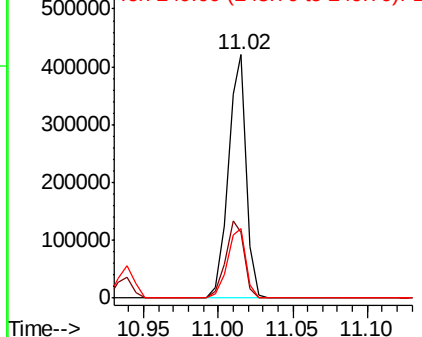
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	27.3	40.9#
249	28.5	25.0	37.6

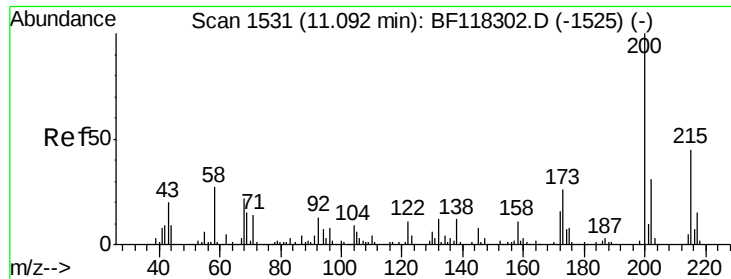
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





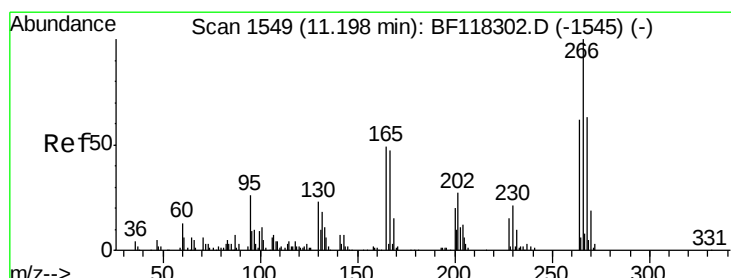
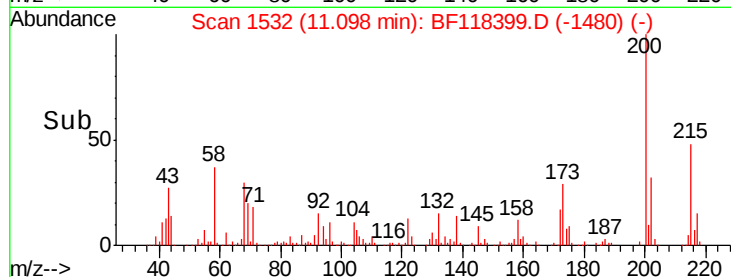
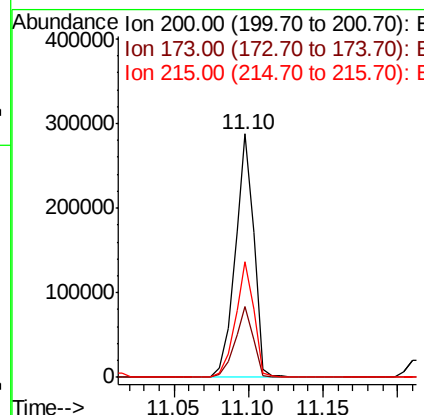
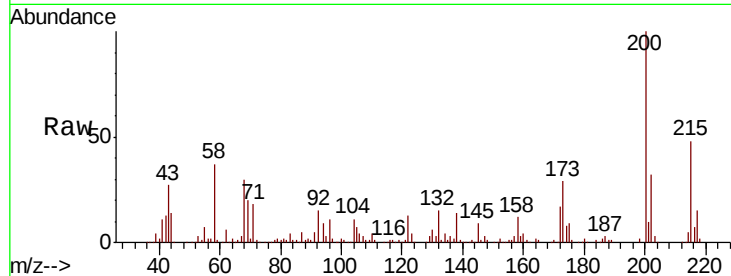
#69
Atrazine
Concen: 37.606 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	253933		
173	29.2	5.8	45.8	
215	47.6	25.1	65.1	

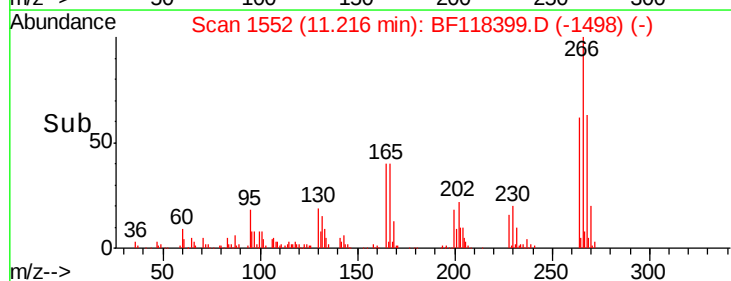
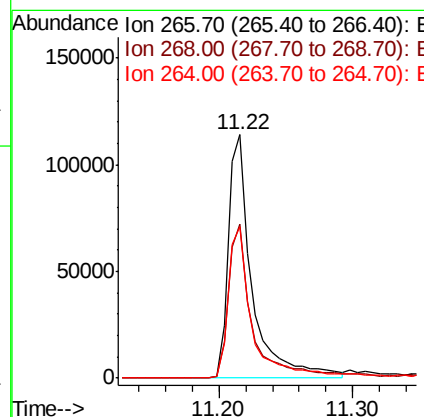
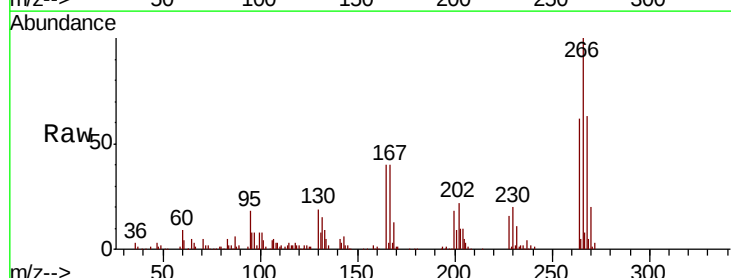
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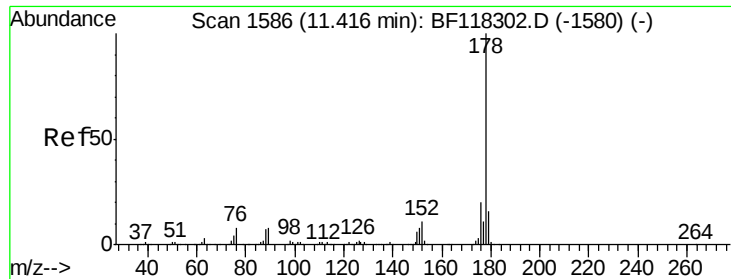
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#70
Pentachlorophenol
Concen: 35.216 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	143417		
268	63.2	50.6	76.0	
264	62.1	49.9	74.9	





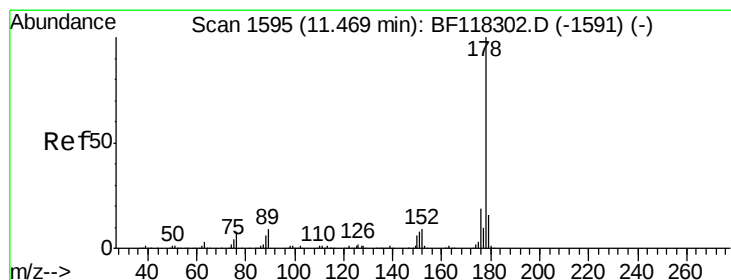
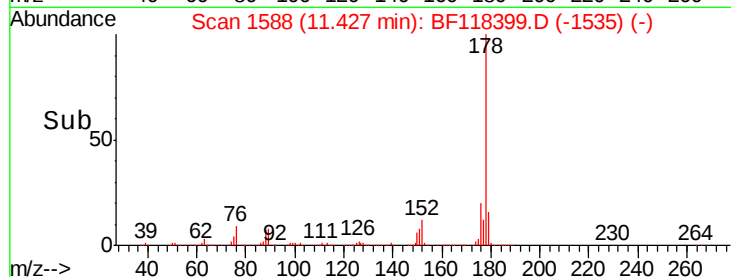
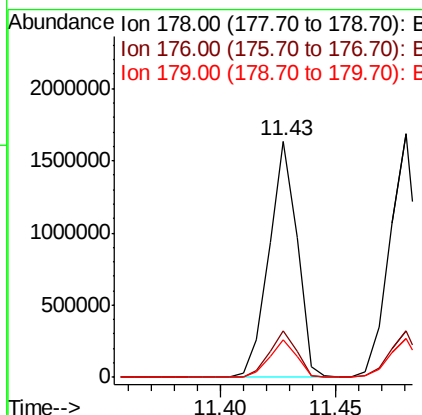
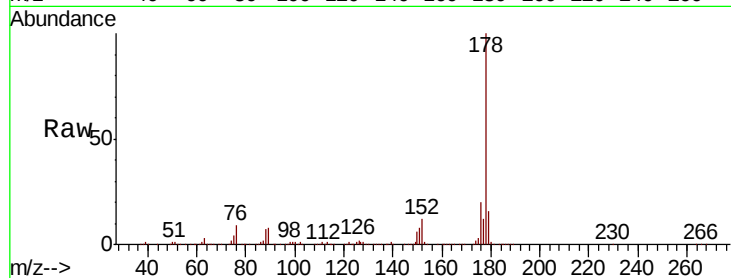
#71
Phenanthrene
Concen: 37.140 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.2	12.6	19.0

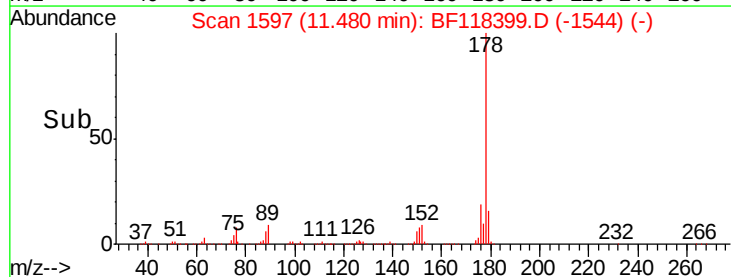
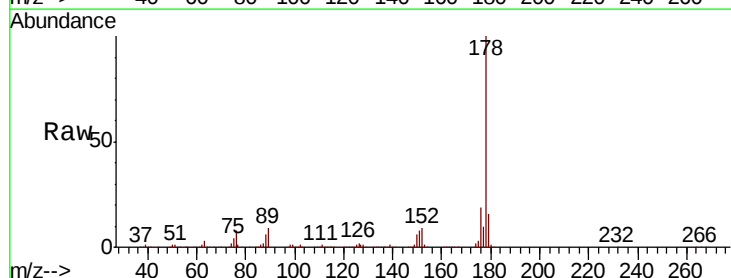
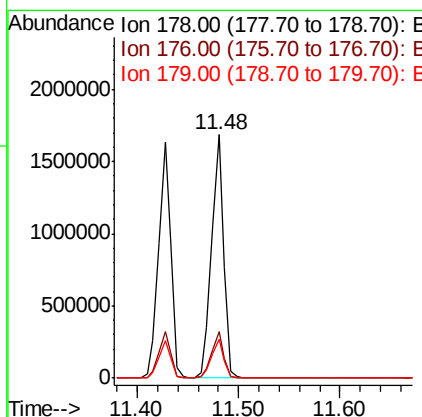
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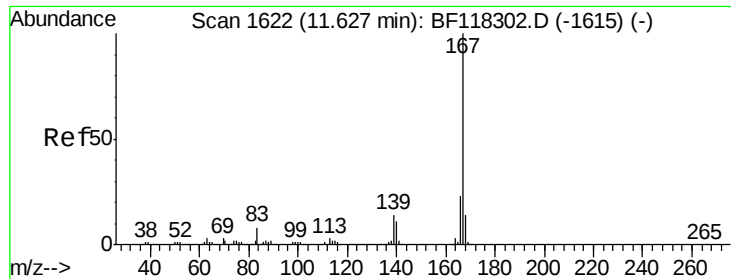
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#72
Anthracene
Concen: 37.911 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.7	12.9	19.3





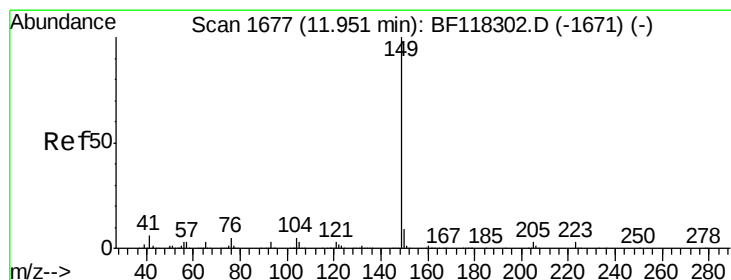
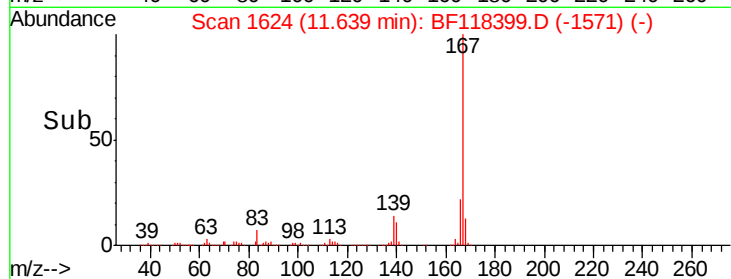
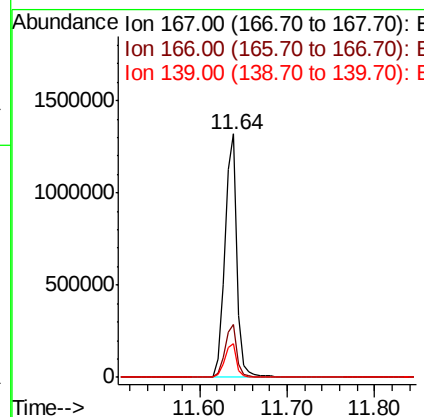
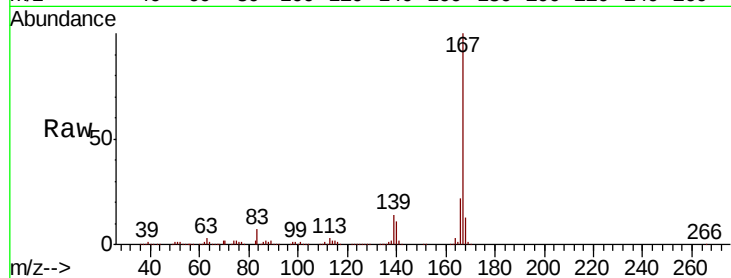
#73
 Carbazole
 Concen: 37.975 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.6	11.5	17.3

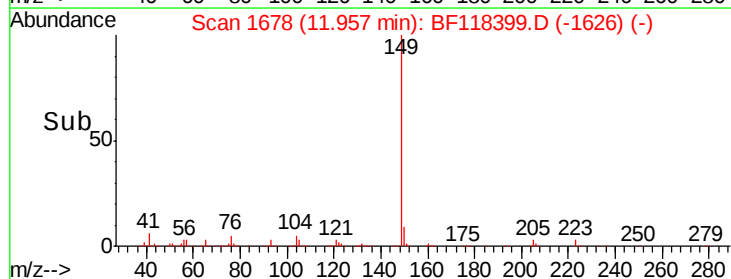
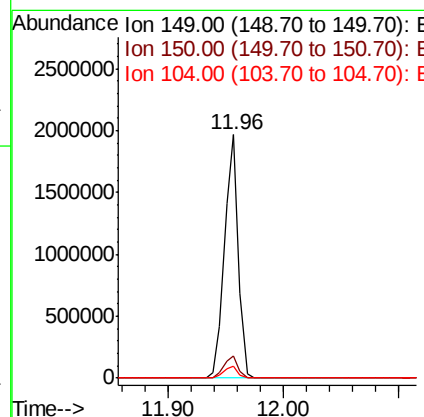
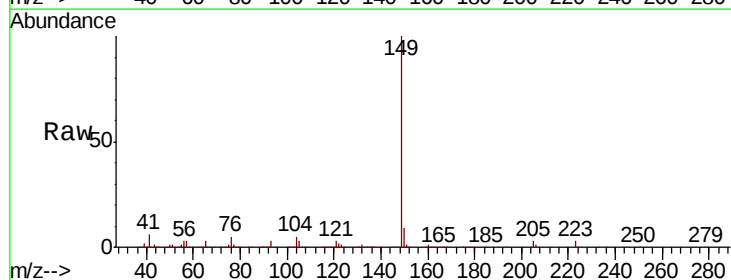
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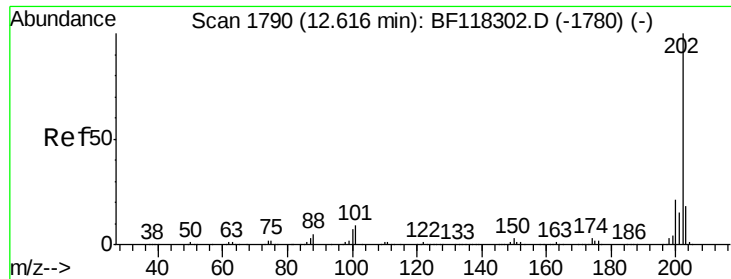
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.625 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	4.0	6.0





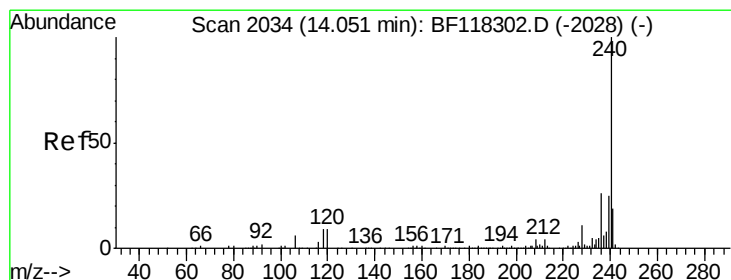
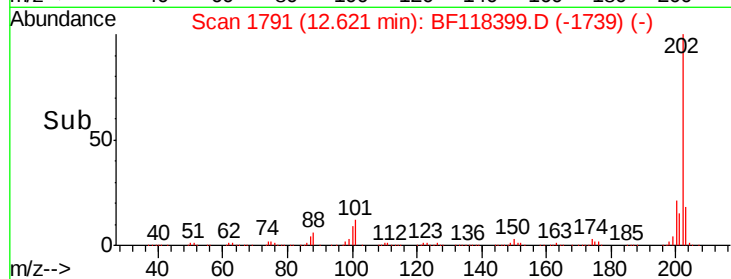
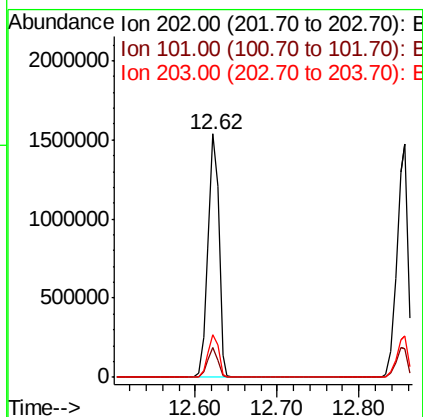
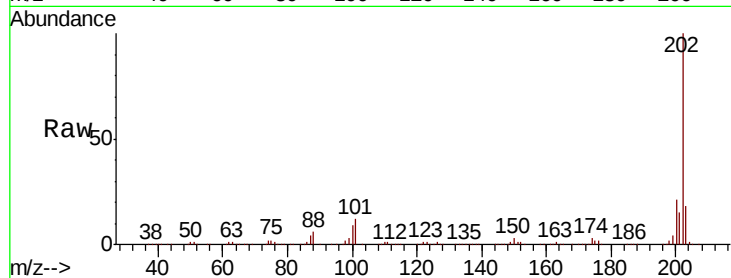
#75
 Fluoranthene
 Concen: 37.839 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	29.5
203	17.8	0.0	37.6

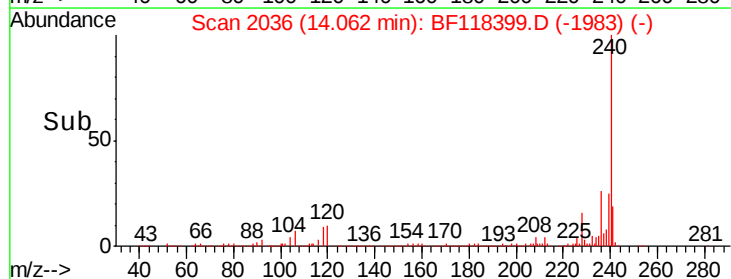
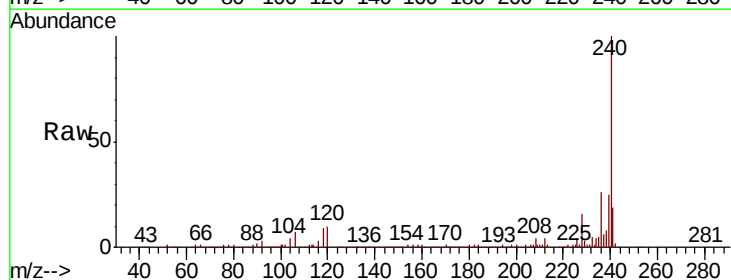
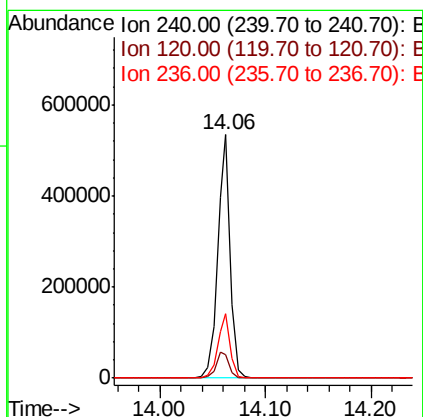
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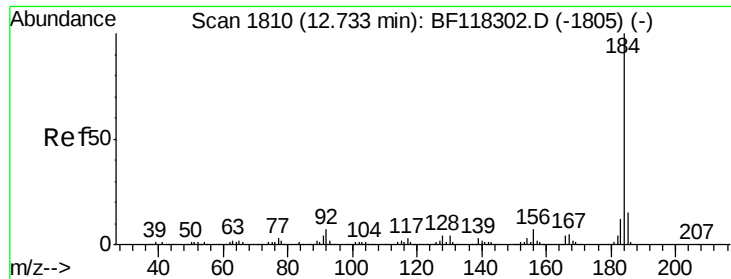
mohammad
 1/2/2020 11:49:36 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	26.4	21.0	31.6





#77

Benzidine

Concen: 47.882 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

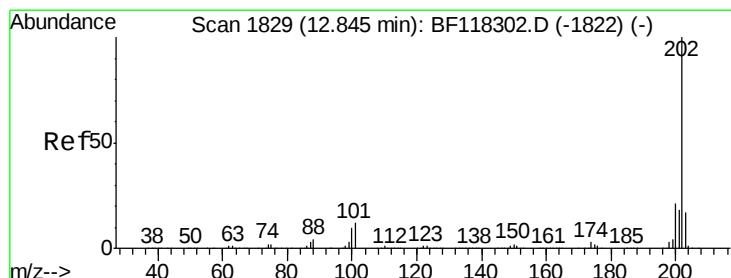
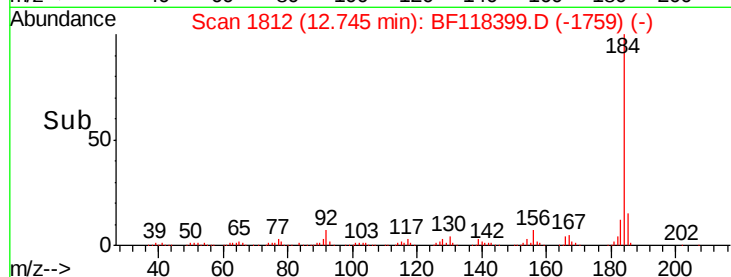
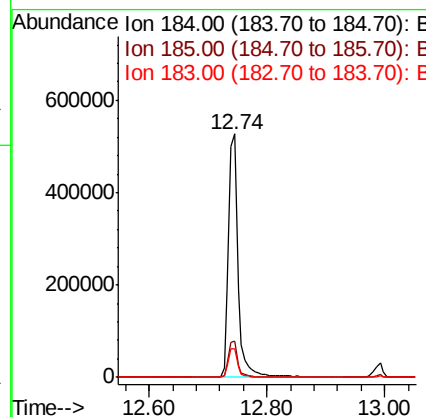
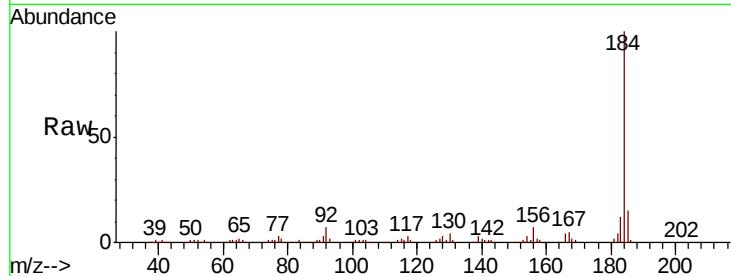
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	584292
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.3	18.5
183	11.9	9.4	14.2

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#78

Pyrene

Concen: 38.930 ng

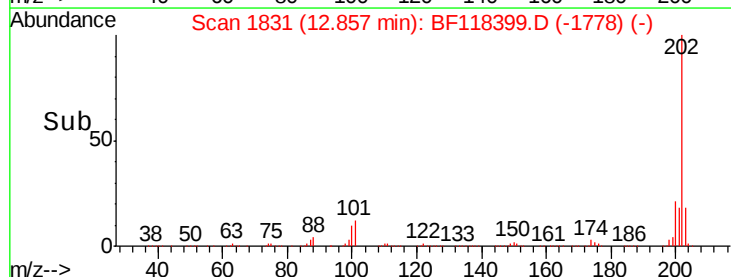
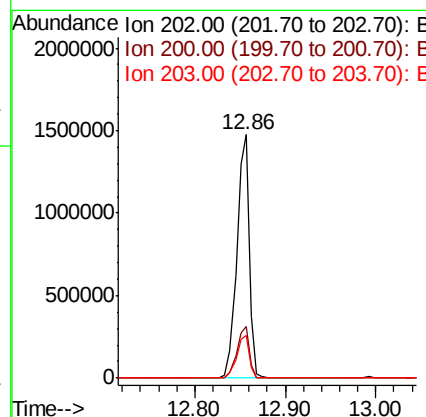
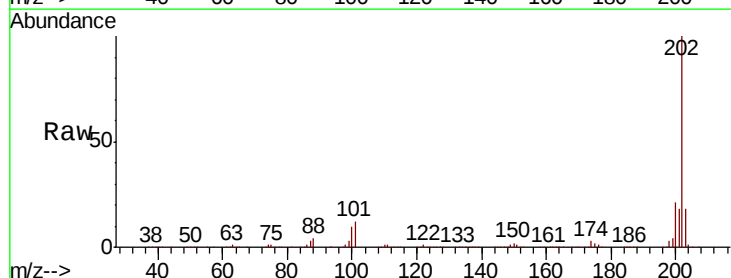
RT: 12.86 min Scan# 1831

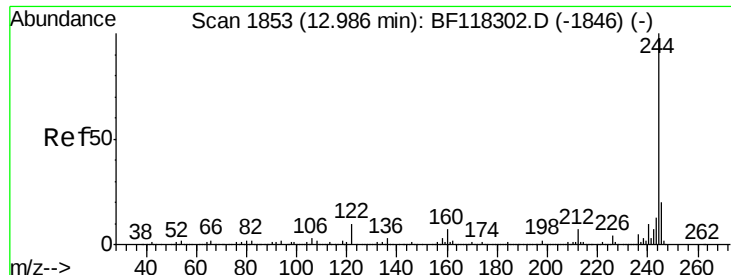
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	202	Resp:	1415753
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	17.8	13.9	20.9





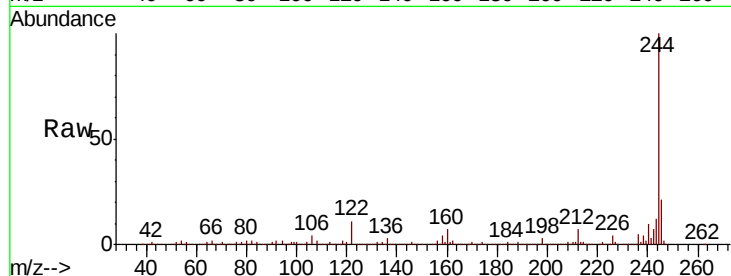
#79
 Terphenyl-d14
 Concen: 77.786 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	11.4	7.8	11.8

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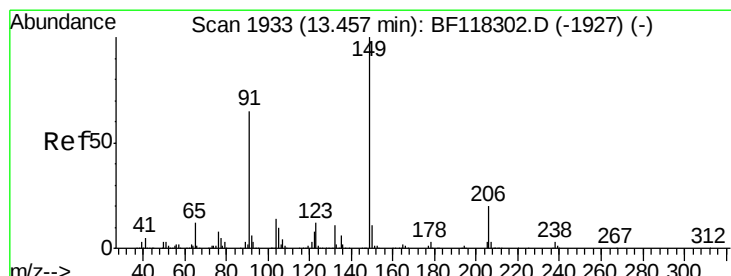
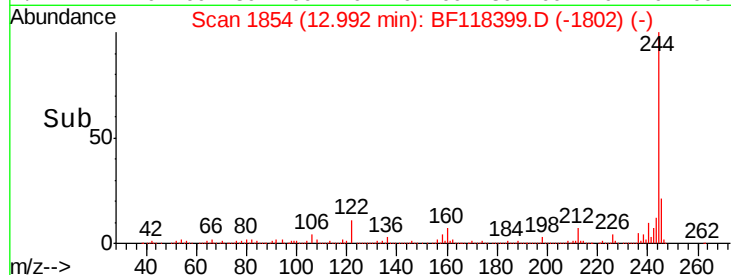
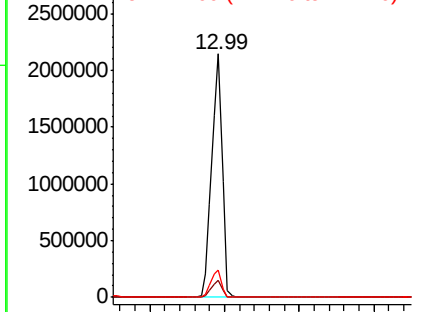


Abundance

Ion 244.00 (243.70 to 244.70): E

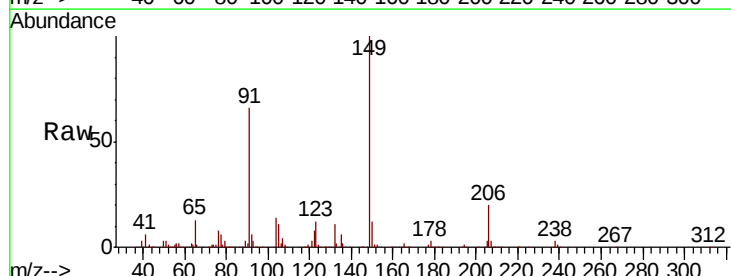
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 40.570 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.9	51.8	77.6
206	19.8	15.7	23.5

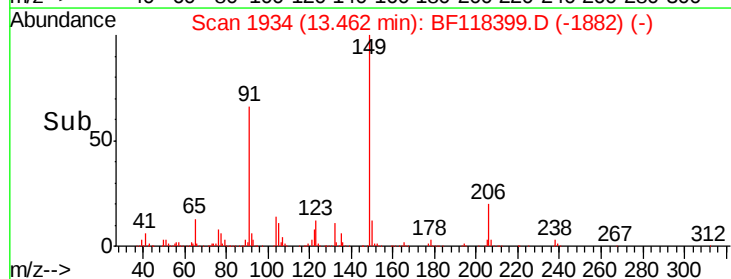
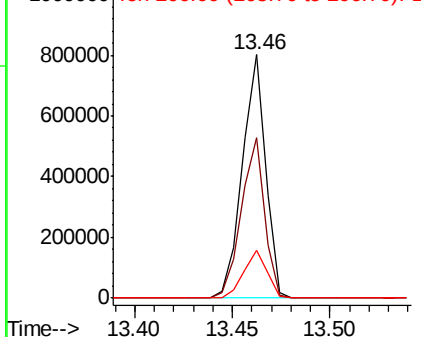


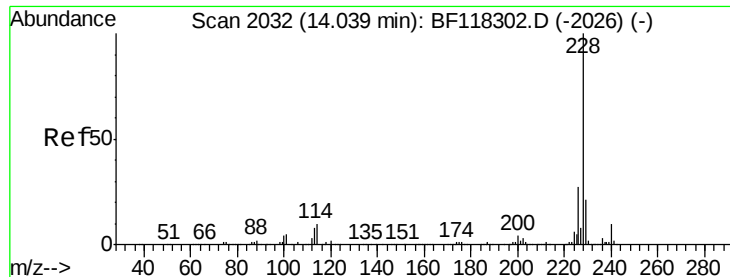
Abundance

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: 37.648 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1173579

Ion Ratio Lower Upper

228 100

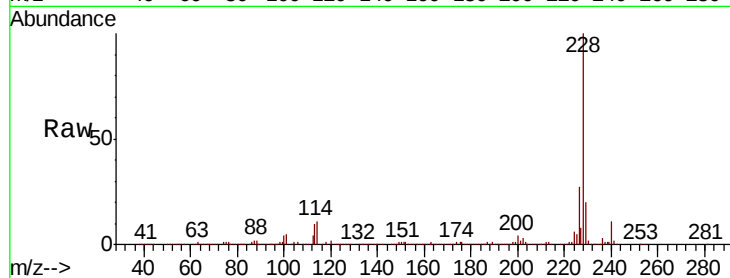
226 26.7 22.0 33.0

229 20.2 16.6 24.8

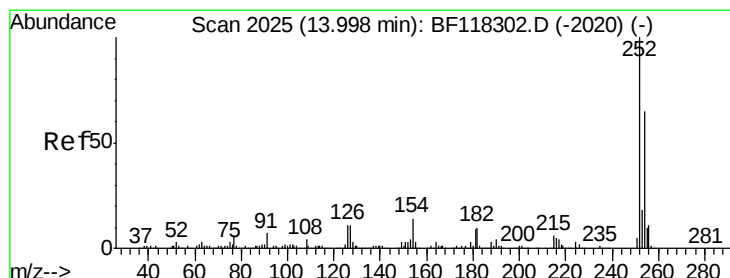
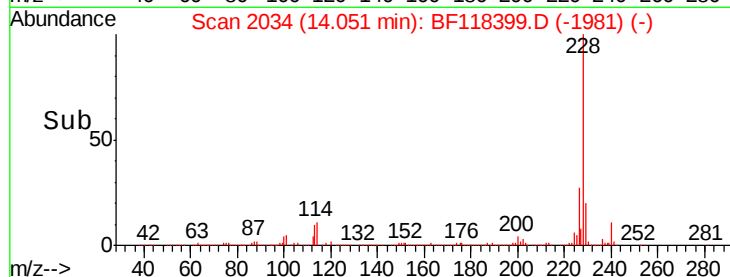
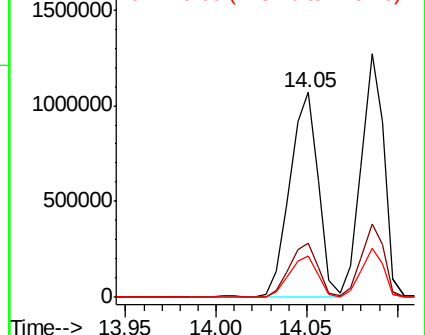
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.193 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

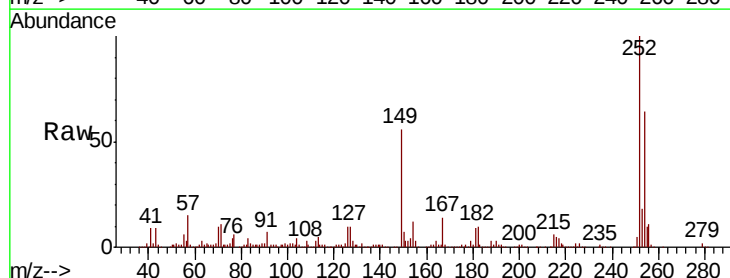
Tgt Ion:252 Resp: 414239

Ion Ratio Lower Upper

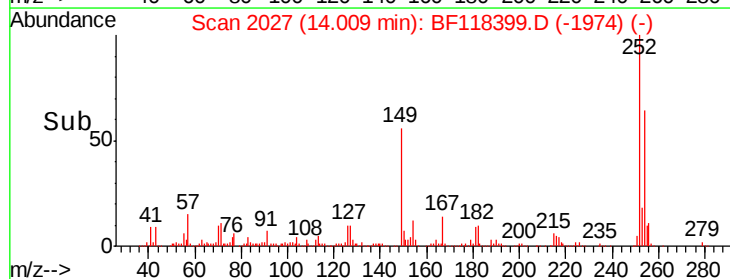
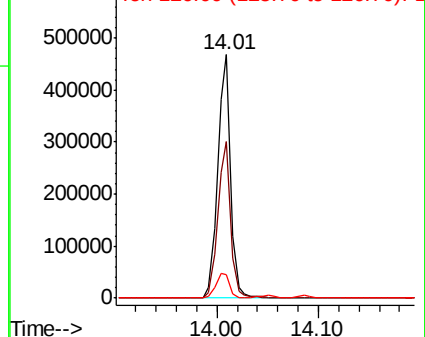
252 100

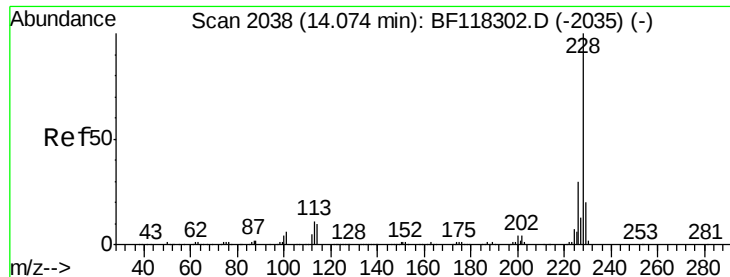
254 64.2 51.8 77.8

126 9.8 8.7 13.1



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





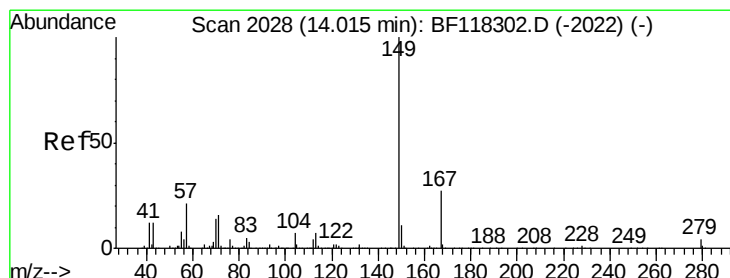
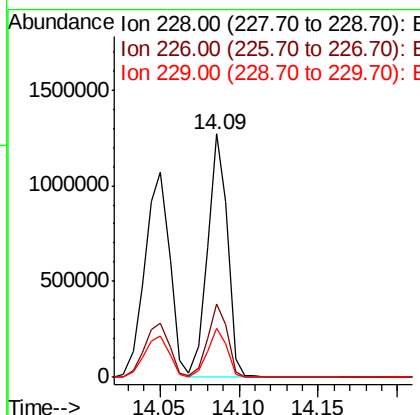
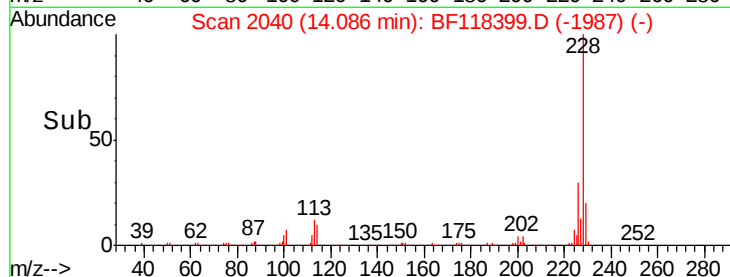
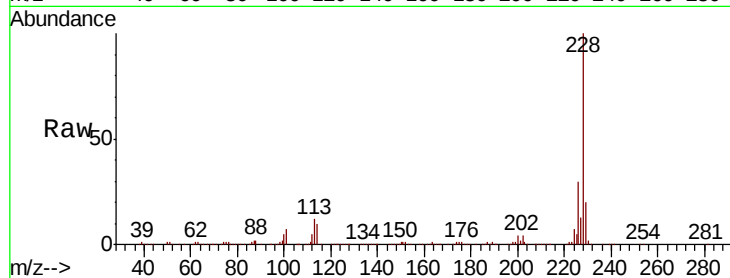
#83
Chrysene
Concen: 37.222 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1111036
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.3 16.1 24.1

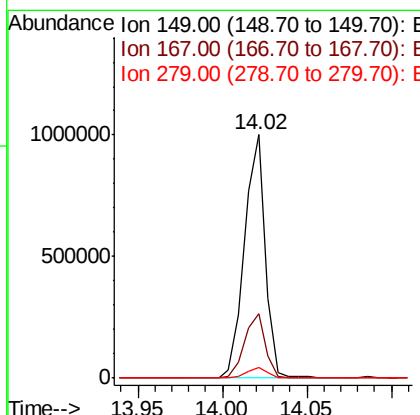
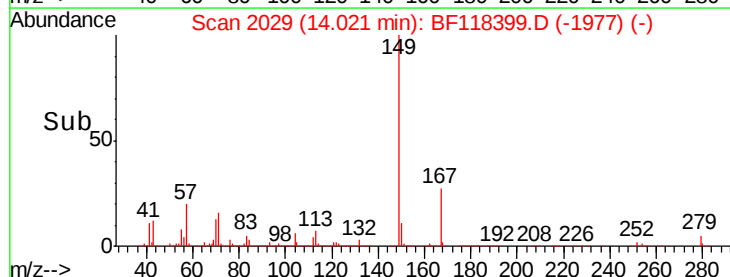
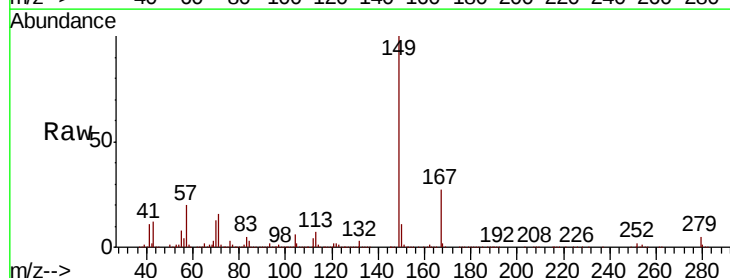
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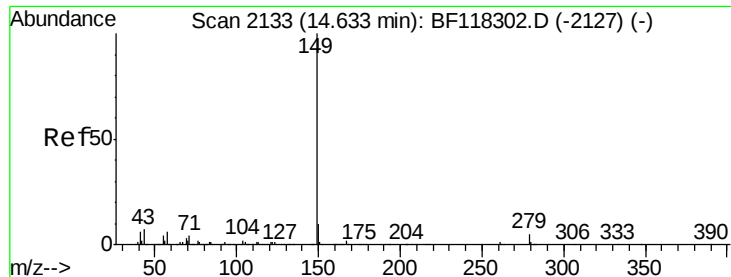
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.998 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:149 Resp: 861224
Ion Ratio Lower Upper
149 100
167 26.7 21.3 31.9
279 4.6 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 38.233 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

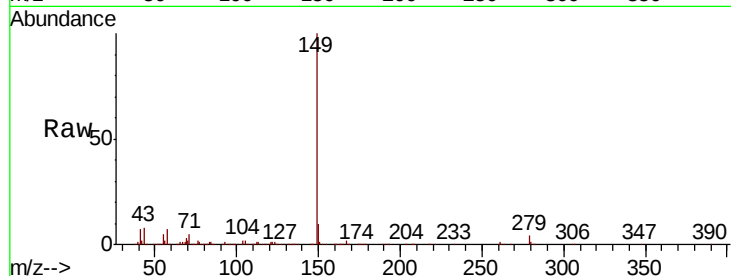
ClientSampleId :

SSTDCCC040

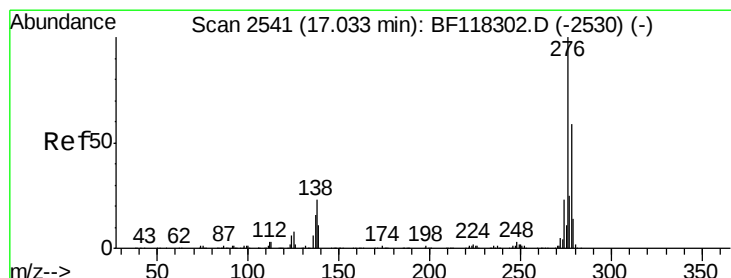
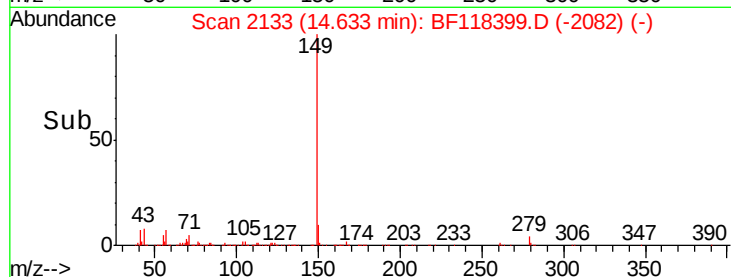
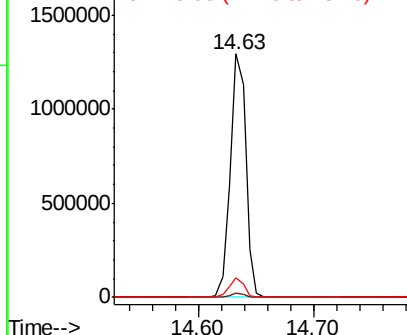
Tot Ion:	149	Resp:	1210914
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.1	9.1

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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: 34.671 ng

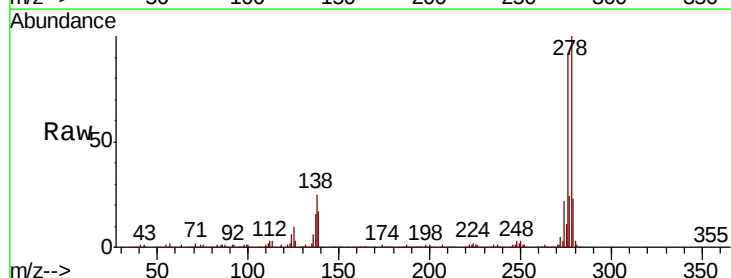
RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

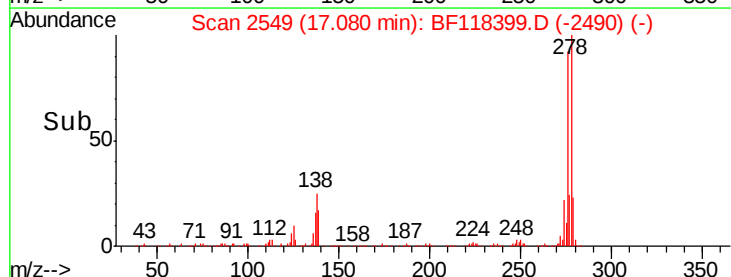
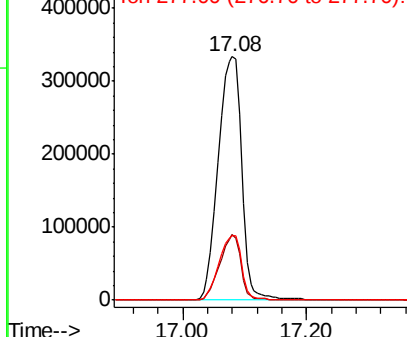
Lab File: BF118399.D

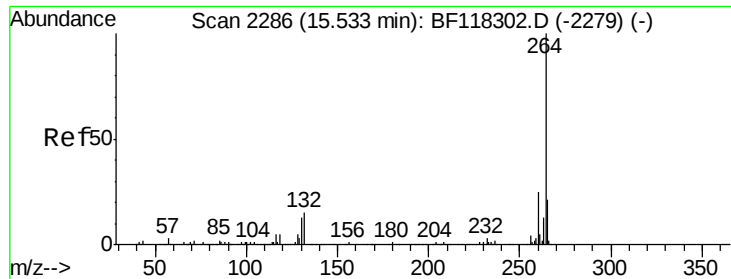
Acq: 31 Dec 2019 12:04

Tgt Ion:	276	Resp:	881767
Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.5	29.3
277	25.8	20.6	30.8



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





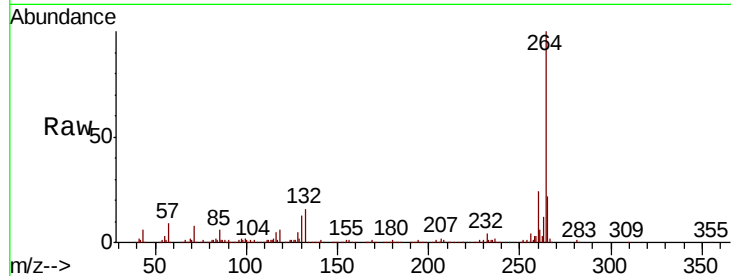
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.2	17.0	25.4

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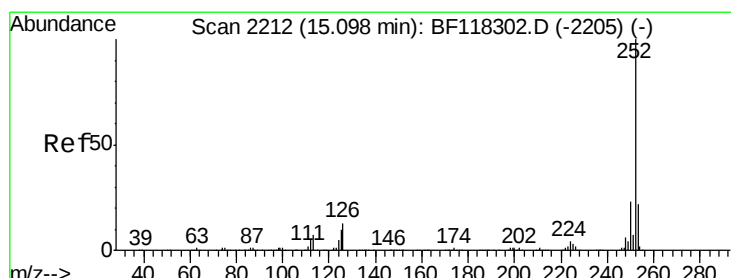
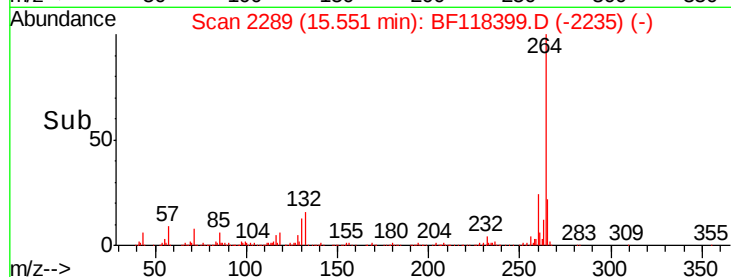
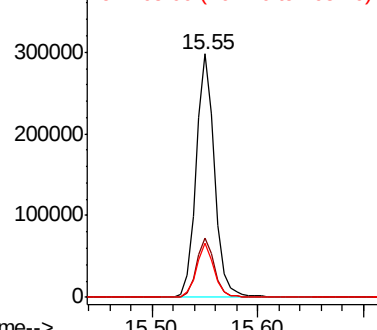


Abundance

Ion 264.00 (263.70 to 264.70): E

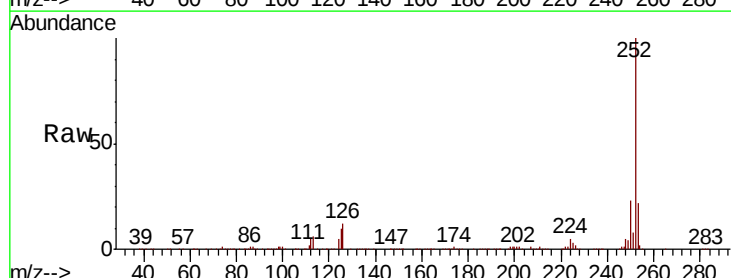
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.382 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.6	7.7	11.5

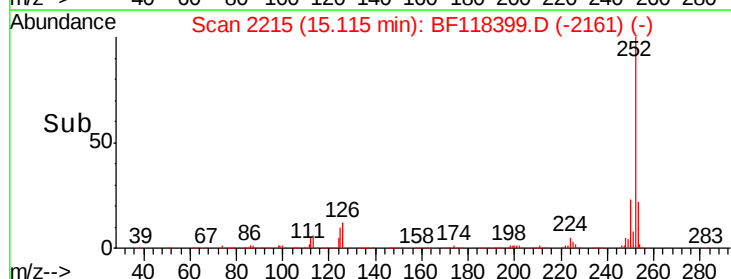
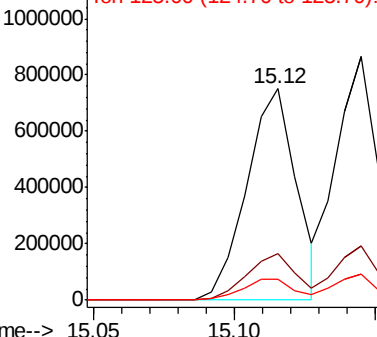


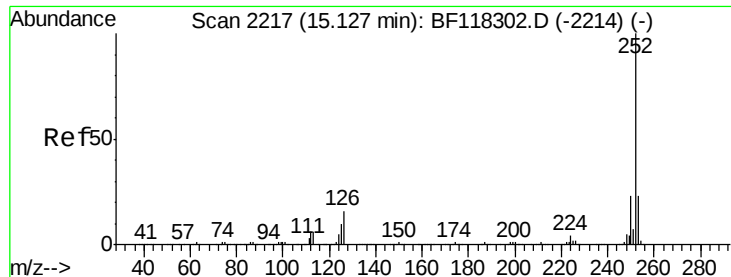
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.344 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

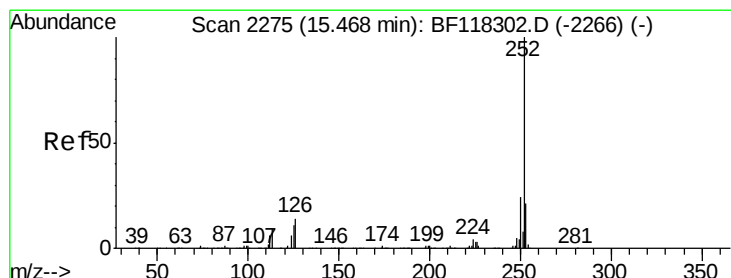
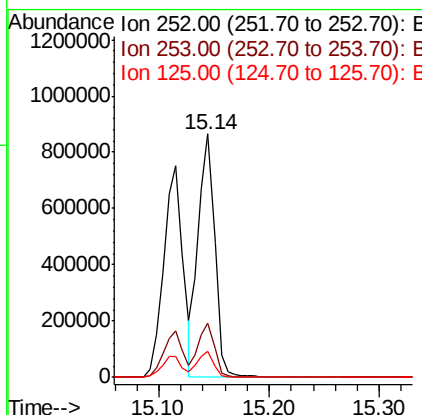
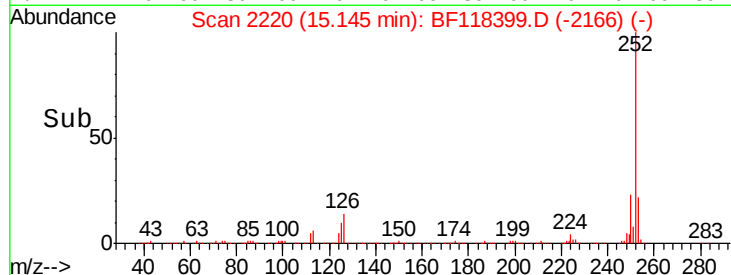
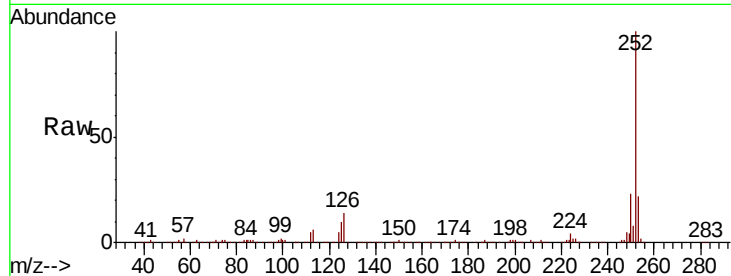
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	881557
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	10.4	8.0	12.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 38.262 ng

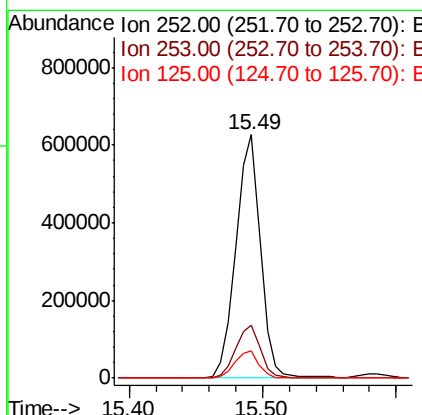
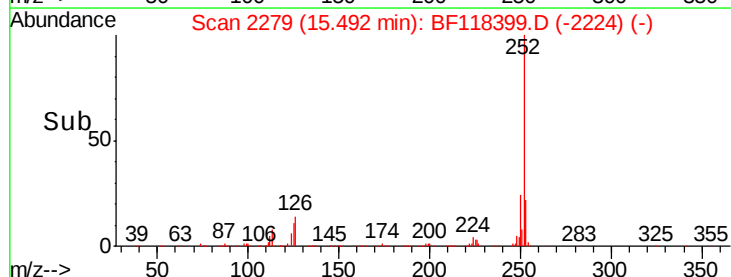
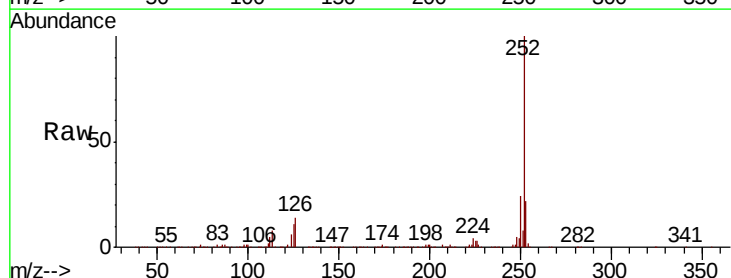
RT: 15.49 min Scan# 2279

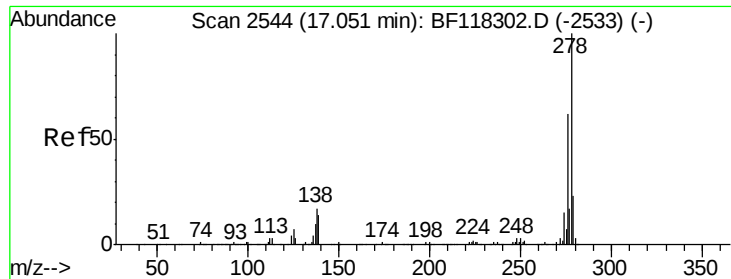
Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:	252	Resp:	807058
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	11.0	9.0	13.4





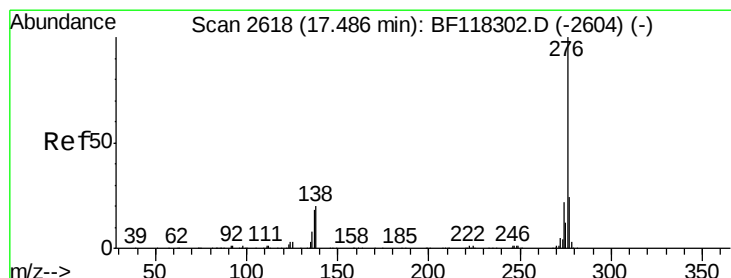
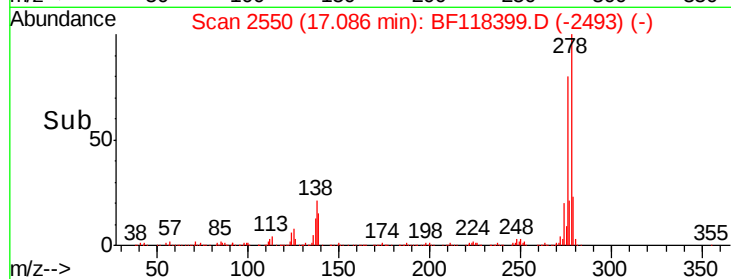
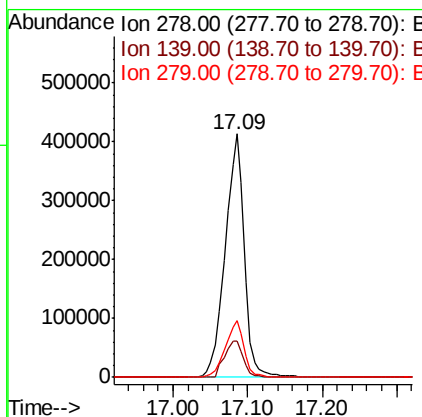
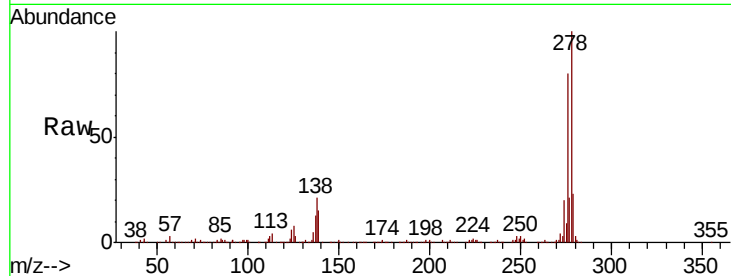
#91
Dibenzo(a,h)anthracene
Concen: 40.562 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	23.1	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/2/2020 11:49:36 AM



#92
Benzo(g,h,i)perylene
Concen: 39.870 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	21.6	16.1	24.1

