

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117877.D
 Acq On : 20 Nov 2019 2:32
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/20/2019 1:49:57 PM

Quant Time: Nov 20 03:44:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	197933	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	717817	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	368962	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	608245	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	489214	20.00	ng	0.00
87) Perylene-d12	15.62	264	401208	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	875032	78.25	ng	-0.01
7) Phenol-d6	6.54	99	1089126	80.75	ng	0.00
23) Nitrobenzene-d5	7.49	82	1023838	84.79	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	283874	72.67	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2000100	97.25	ng	0.00
79) Terphenyl-d14	13.05	244	1868167	69.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	184995	35.393	ng	99
3) Pyridine	3.45	79	503129	36.695	ng	99
4) n-Nitrosodimethylamine	3.41	42	236795	39.564	ng	95
6) Aniline	6.58	93	694936	38.991	ng	100
8) 2-Chlorophenol	6.70	128	489464	40.340	ng	98
9) Benzaldehyde	6.46	77	343245	39.084	ng	98
10) Phenol	6.56	94	616348	43.977	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	432153	38.397	ng	100
12) 1,3-Dichlorobenzene	6.86	146	586787	41.078	ng	96
13) 1,4-Dichlorobenzene	6.93	146	589498	40.827	ng	98
14) 1,2-Dichlorobenzene	7.09	146	553190	40.059	ng	99
15) Benzyl Alcohol	7.06	79	420090	40.343	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	622016	35.896	ng	99
17) 2-Methylphenol	7.16	107	399703	38.900	ng	98
18) Hexachloroethane	7.43	117	178199	33.596	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	324099	38.951	ng	97
20) 3+4-Methylphenols	7.32	107	502141	39.368	ng	98
22) Acetophenone	7.33	105	684299	42.431	ng	100
24) Nitrobenzene	7.50	77	519233	41.682	ng	99
25) Isophorone	7.74	82	849678	38.392	ng	97
26) 2-Nitrophenol	7.82	139	222691	36.728	ng	91
27) 2,4-Dimethylphenol	7.85	122	355003	37.680	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	553261	39.394	ng	99
29) 2,4-Dichlorophenol	8.06	162	398246	38.969	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	469657	39.620	ng	100
31) Naphthalene	8.23	128	1385669	41.408	ng	100
32) Benzoic acid	7.94	122	184848m	23.432	ng	
33) 4-Chloroaniline	8.27	127	585560	39.086	ng	98
34) Hexachlorobutadiene	8.35	225	282231	40.722	ng	99
35) Caprolactam	8.65	113	113701	35.007	ng	90
36) 4-Chloro-3-methylphenol	8.75	107	441956	42.612	ng	99
37) 2-Methylnaphthalene	8.92	142	998925	44.180	ng	99
38) 1-Methylnaphthalene	9.02	142	928248	43.425	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	462184	43.134	ng	99

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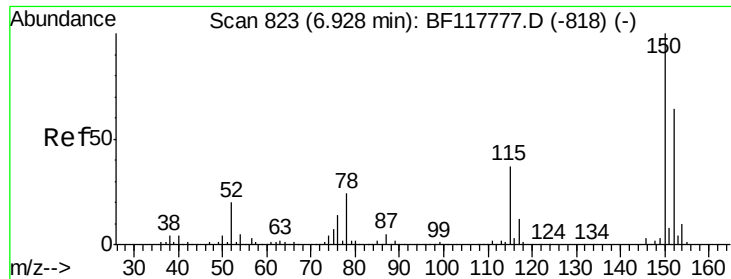
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	48407	8.062	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	307848	40.112	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	303177	38.047	ng	99
46) 1,1'-Biphenyl	9.39	154	1210181	44.210	ng	99
47) 2-Chloronaphthalene	9.41	162	950704	42.218	ng	97
48) 2-Nitroaniline	9.50	65	298074	43.844	ng	98
49) Acenaphthylene	9.83	152	1363269	41.523	ng	99
50) Dimethylphthalate	9.69	163	1104011	42.670	ng	98
51) 2,6-Dinitrotoluene	9.75	165	217343	38.436	ng	95
52) Acenaphthene	10.00	154	796237	37.859	ng	100
53) 3-Nitroaniline	9.92	138	286602	42.358	ng	98
54) 2,4-Dinitrophenol	10.02	184	11030	10.678	ng	# 1
55) Dibenzofuran	10.17	168	1161481	39.881	ng	98
56) 4-Nitrophenol	10.06	139	171314	33.920	ng	98
57) 2,4-Dinitrotoluene	10.15	165	257938	35.859	ng	92
58) Fluorene	10.52	166	861867	38.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	224804	34.335	ng	98
60) Diethylphthalate	10.39	149	1028659	40.780	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	453087	39.559	ng	99
62) 4-Nitroaniline	10.53	138	275855	40.718	ng	97
63) Azobenzene	10.67	77	866112	37.741	ng	97
65) 4,6-Dinitro-2-methylphenol	10.56	198	21714	7.647	ng	87
66) n-Nitrosodiphenylamine	10.63	169	769474	43.469	ng	100
67) 4-Bromophenyl-phenylether	11.00	248	273533	41.679	ng	97
68) Hexachlorobenzene	11.07	284	305342	39.900	ng	98
69) Atrazine	11.15	200	202610	34.795	ng	99
70) Pentachlorophenol	11.26	266	165860	37.098	ng	99
71) Phenanthrene	11.49	178	1254079	41.009	ng	98
72) Anthracene	11.54	178	1238122	40.835	ng	98
73) Carbazole	11.69	167	1131046	42.689	ng	98
74) Di-n-butylphthalate	12.02	149	1330104	40.320	ng	99
75) Fluoranthene	12.68	202	1305712	47.267	ng	99
77) Benzidine	12.80	184	677185	42.259	ng	100
78) Pyrene	12.91	202	1353630	34.238	ng	99
80) Butylbenzylphthalate	13.52	149	633439	37.303	ng	93
81) Benzo(a)anthracene	14.10	228	1269152	39.259	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	494327	43.714	ng	99
83) Chrysene	14.14	228	1161510	37.078	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	824821	40.066	ng	99
85) Di-n-octyl phthalate	14.70	149	1425363	47.129	ng	99
86) Indeno(1,2,3-cd)pyrene	17.15	276	930205	34.890	ng	99
88) Benzo(b)fluoranthene	15.17	252	1126280	43.208	ng	99
89) Benzo(k)fluoranthene	15.20	252	1001235	40.766	ng	99
90) Benzo(a)pyrene	15.55	252	900681	39.294	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	771002	39.080	ng	99
92) Benzo(g,h,i)perylene	17.61	276	724957	36.892	ng	99

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



#1

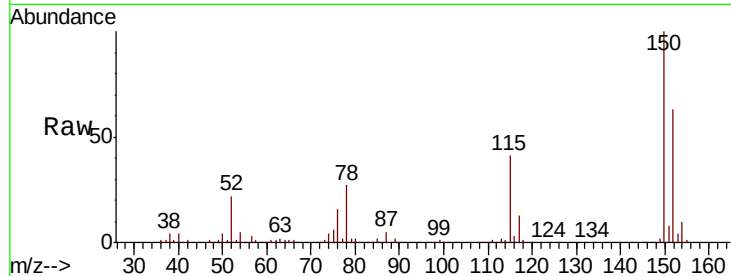
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.3	187.9
115	64.7	47.0	70.4

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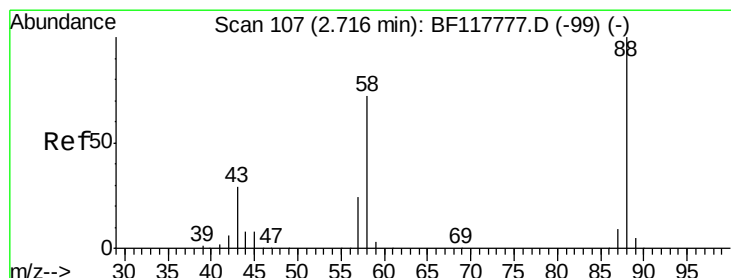
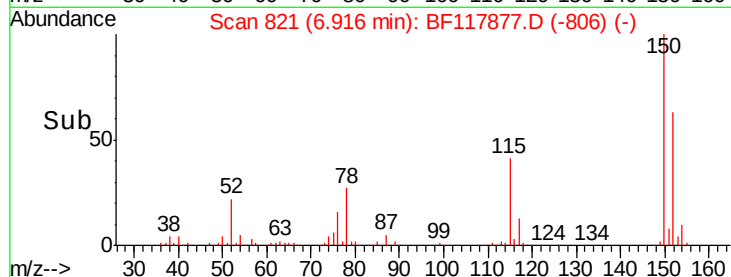
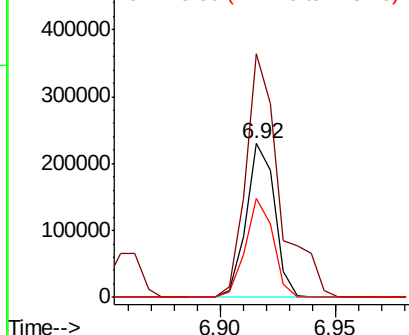


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

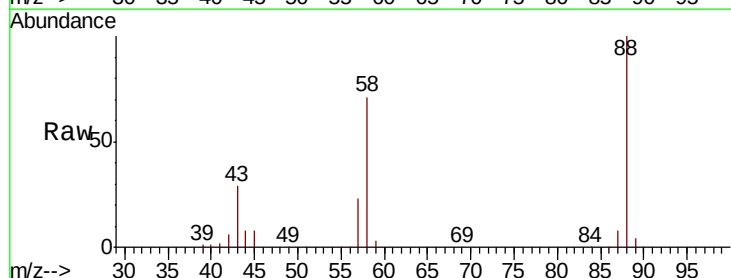
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.393 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.04 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	58.2	87.2
43	29.6	23.3	34.9

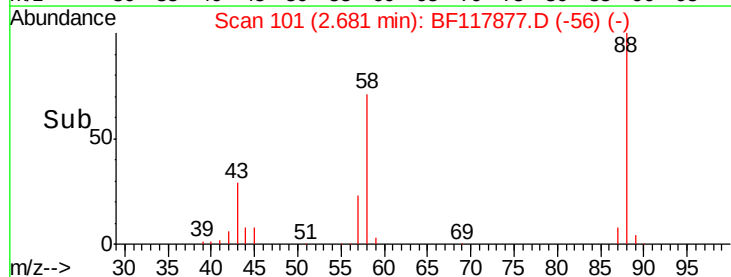
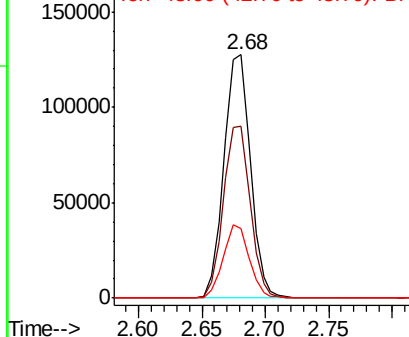


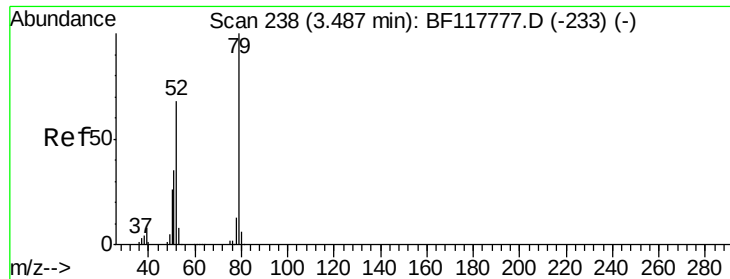
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.695 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.04 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

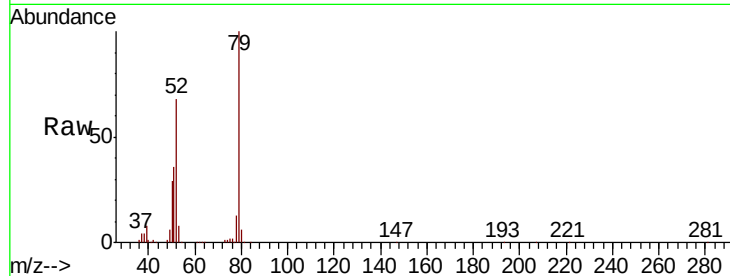
ClientSampleId :

SSTDCCC040

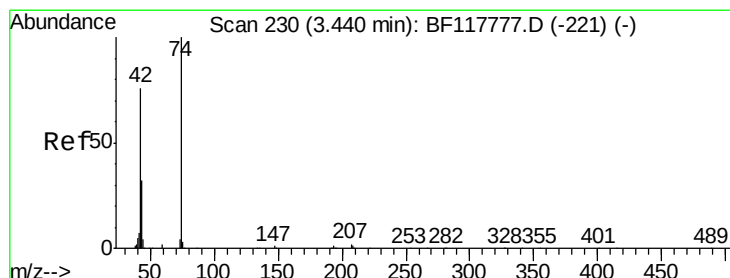
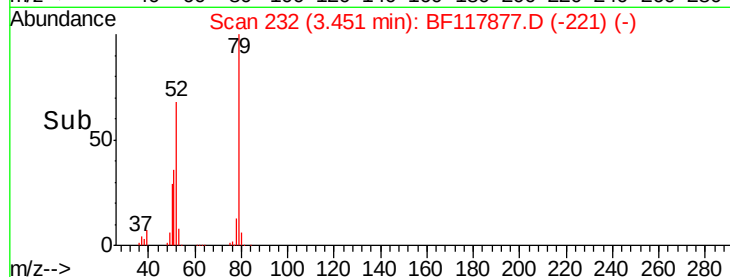
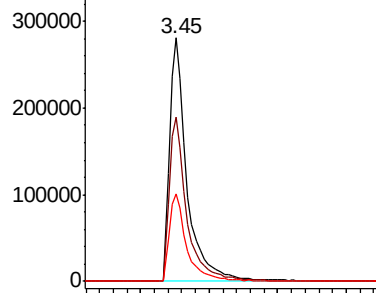
Tot Ion:	79	Resp:	503129
Ion Ratio	Lower	Upper	
79	100		
52	67.5	54.8	82.2
51	36.0	28.2	42.4

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.564 ng

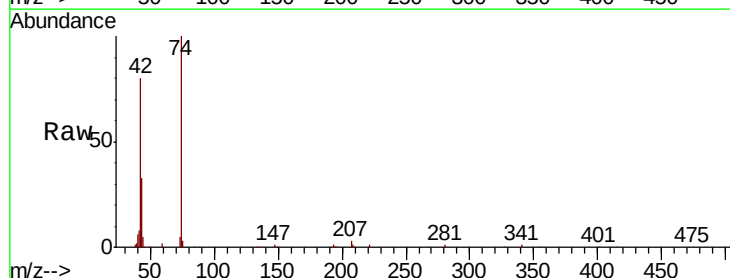
RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

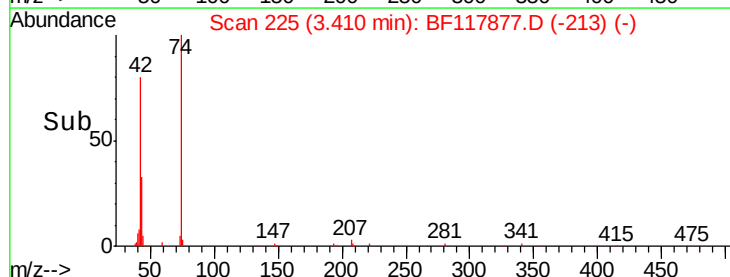
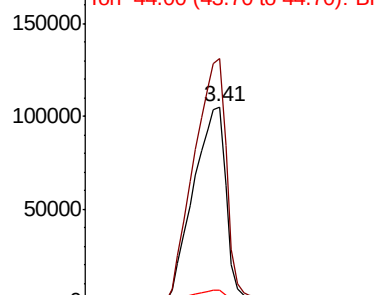
Lab File: BF117877.D

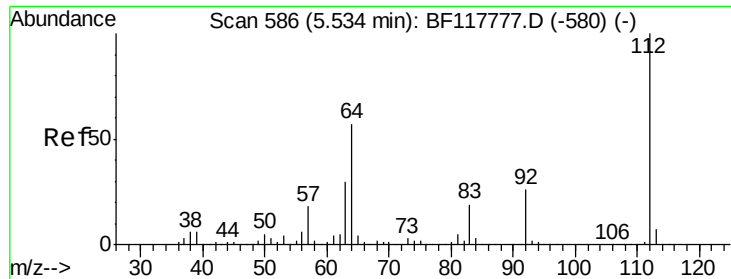
Acq: 20 Nov 2019 2:32

Tgt Ion:	42	Resp:	236795
Ion Ratio	Lower	Upper	
42	100		
74	124.8	105.1	157.7
44	6.0	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.254 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

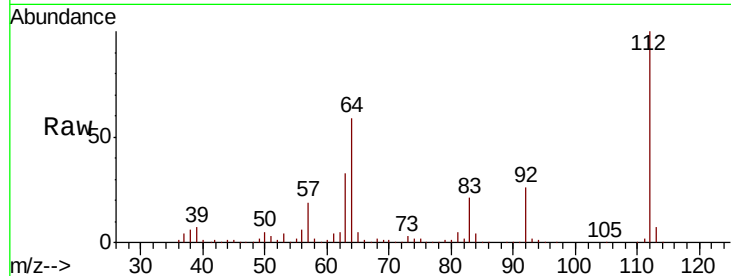
ClientSampleId :

SSTDCCC040

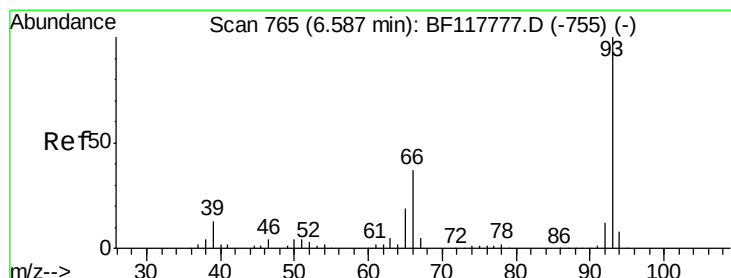
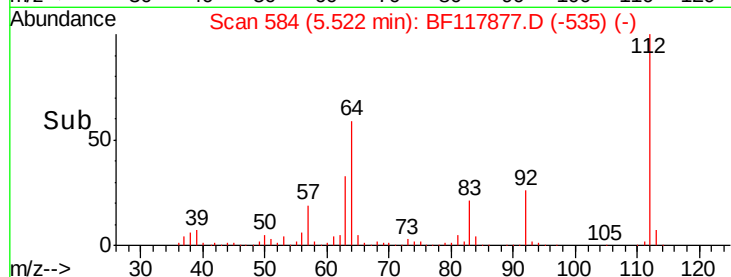
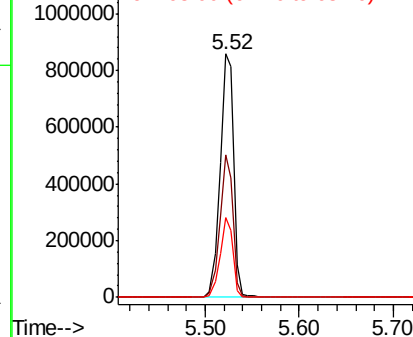
Tot Ion:	112	Resp:	875032
Ion Ratio	Lower	Upper	
112	100		
64	58.8	45.6	68.4
63	32.6	24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.991 ng

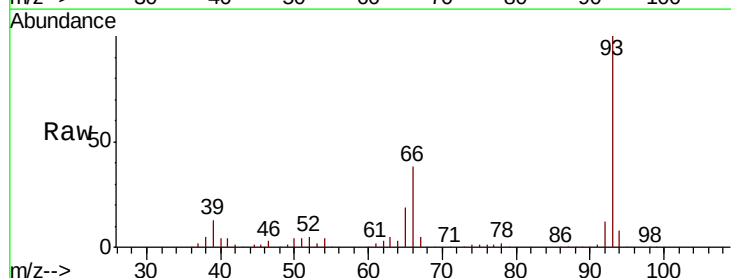
RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

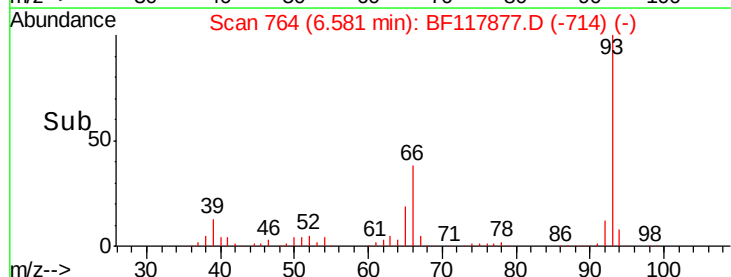
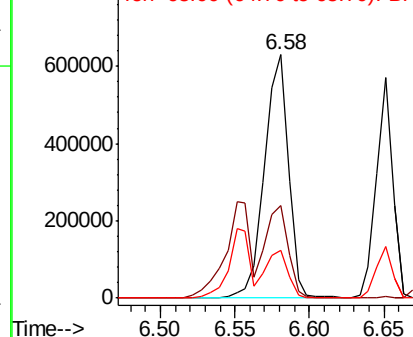
Lab File: BF117877.D

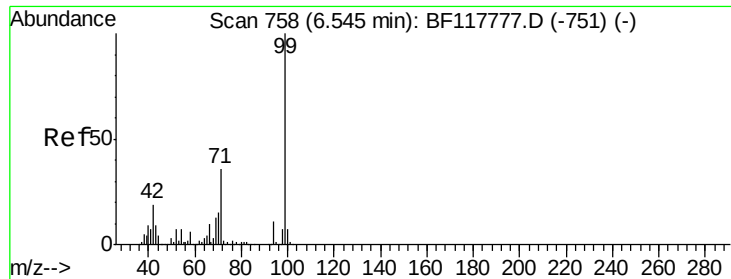
Acq: 20 Nov 2019 2:32

Tgt Ion:	93	Resp:	694936
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.6	45.8
65	19.4	15.6	23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.752 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1089126

Ion Ratio Lower Upper

99 100

42 19.1 14.9 22.3

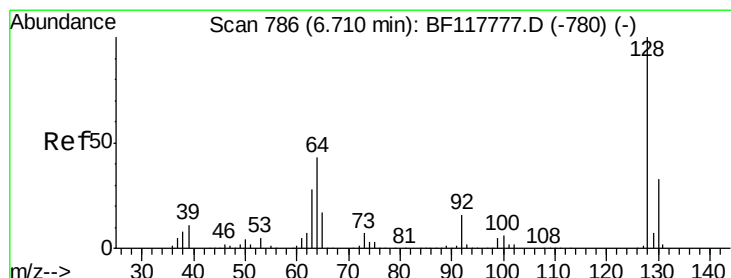
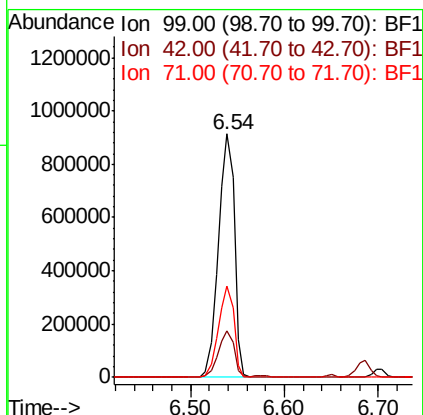
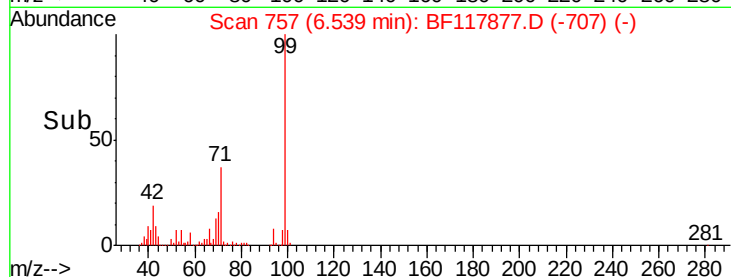
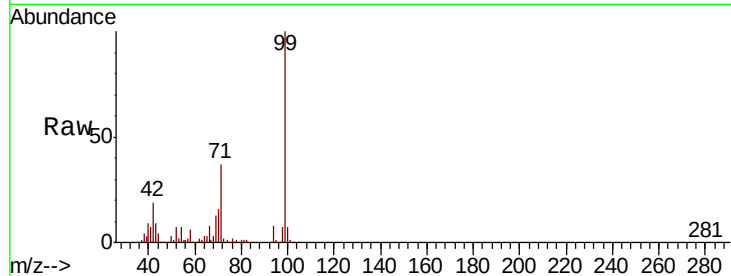
71 37.3 28.6 43.0

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#8

2-Chlorophenol

Concen: 40.340 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

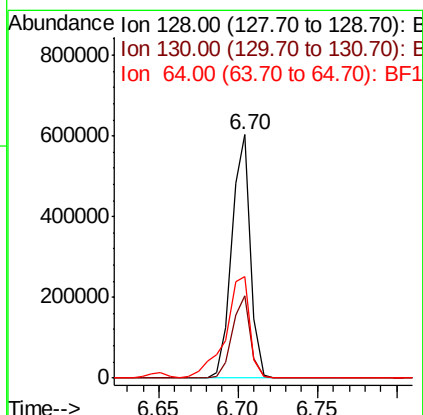
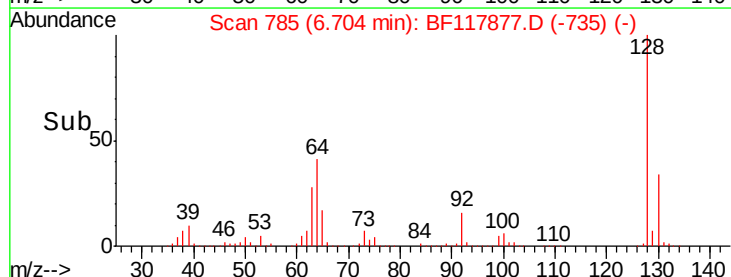
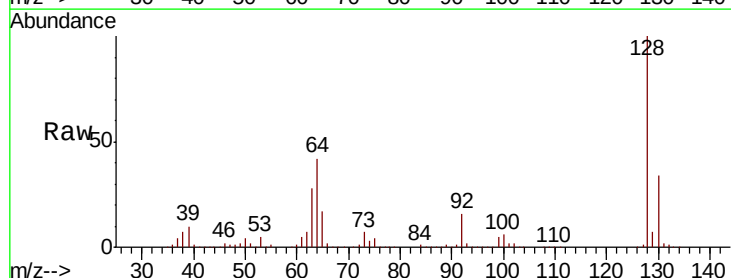
Tgt Ion: 128 Resp: 489464

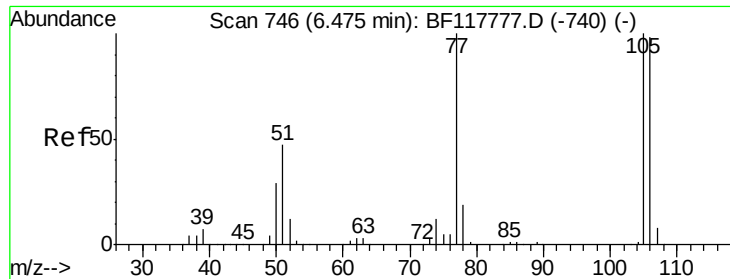
Ion Ratio Lower Upper

128 100

130 33.9 13.2 53.2

64 41.5 23.7 63.7





#9

Benzaldehyde

Concen: 39.084 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

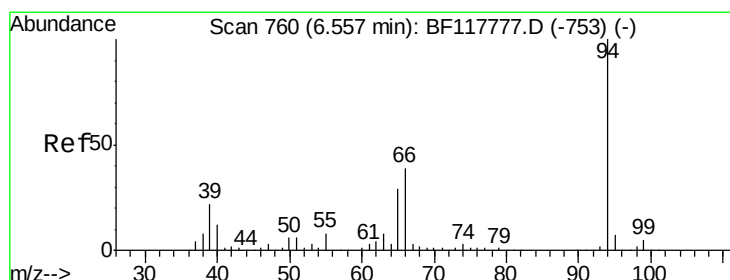
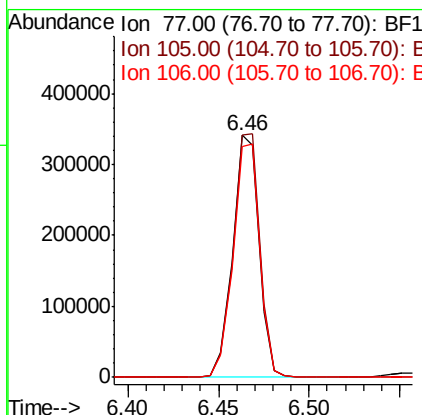
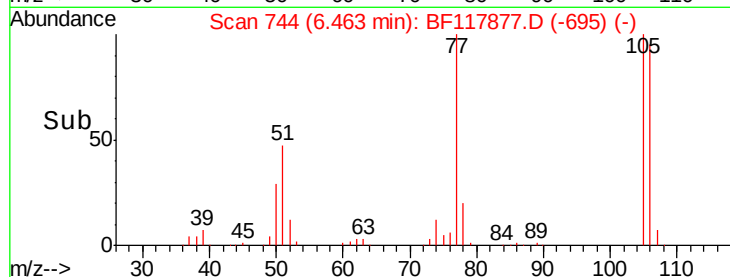
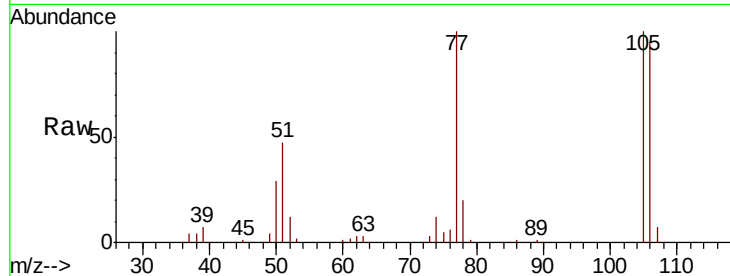
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	343245
Ion Ratio	Lower	Upper	
77	100		
105	100.1	80.2	120.2
106	95.3	78.4	118.4

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#10

Phenol

Concen: 43.977 ng

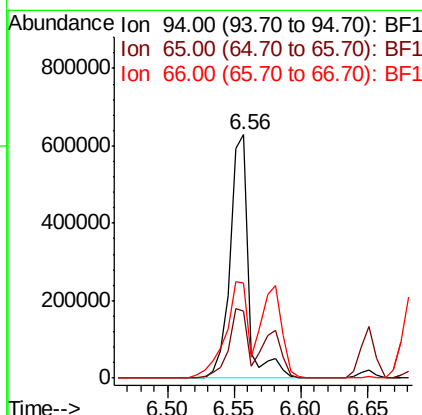
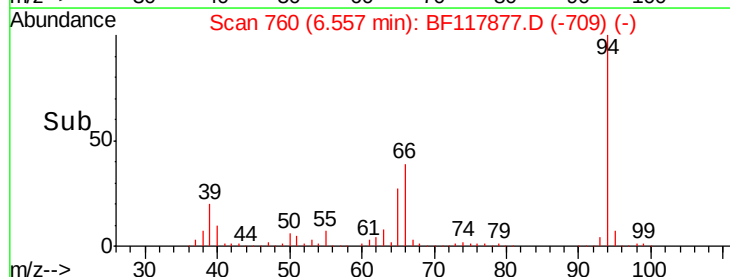
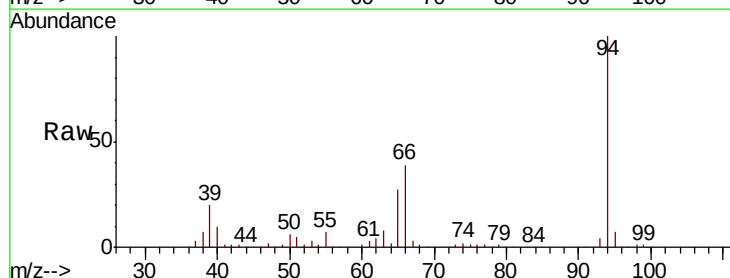
RT: 6.56 min Scan# 760

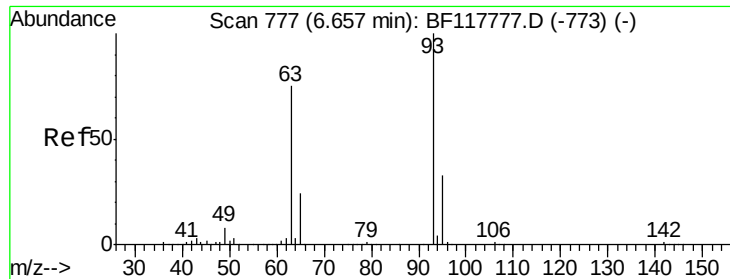
Delta R.T. -0.00 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:	94	Resp:	616348
Ion Ratio	Lower	Upper	
94	100		
65	27.5	8.9	48.9
66	39.2	18.7	58.7





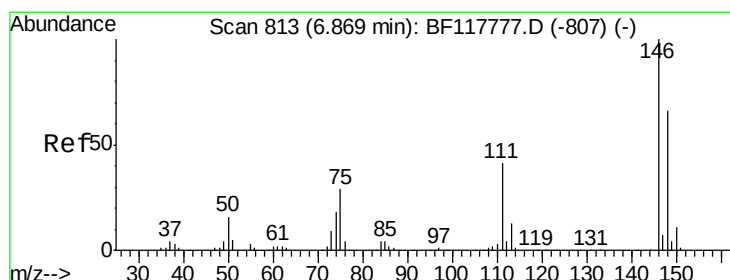
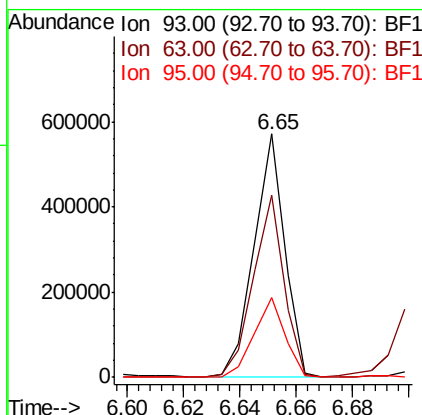
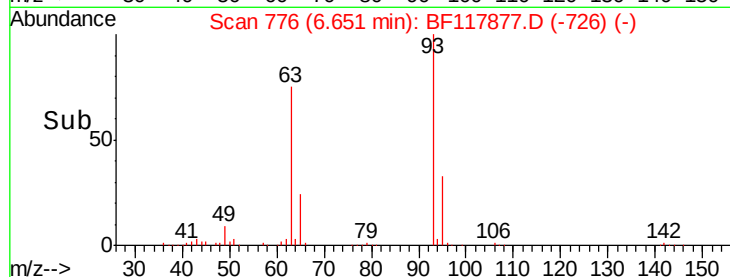
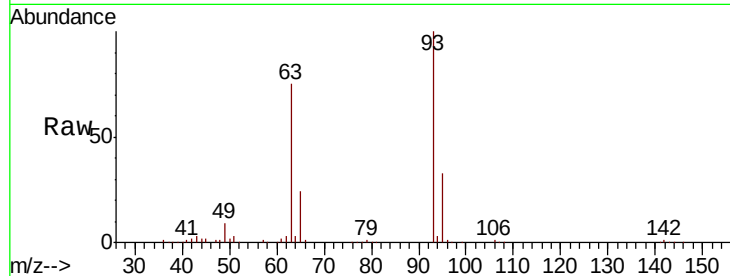
#11
bis(2-Chloroethyl)ether
Concen: 38.397 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	93	Resp	432153
Ion Ratio	Lower	Upper	
93	100		
63	74.6	54.8	94.8
95	32.9	12.7	52.7

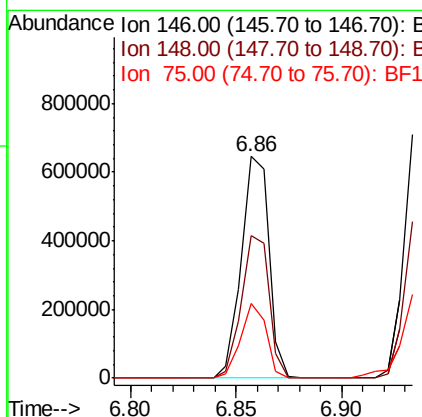
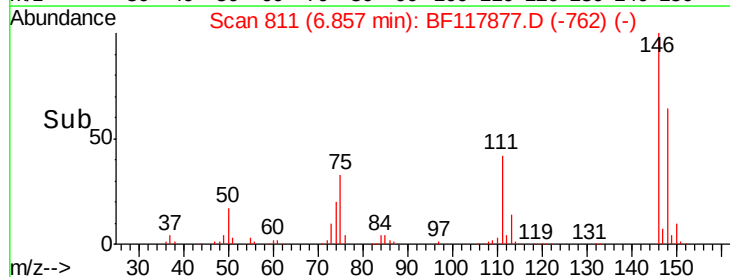
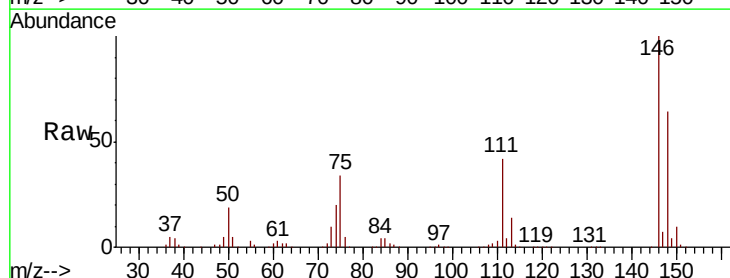
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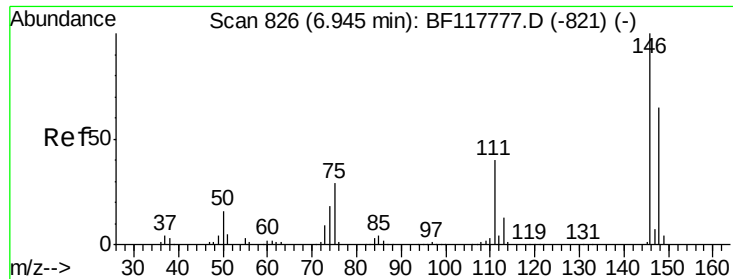
mohammad
11/20/2019 1:49:57 PM



#12
1,3-Dichlorobenzene
Concen: 41.078 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	146	Resp	586787
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.8	79.2
75	33.6	23.4	35.0





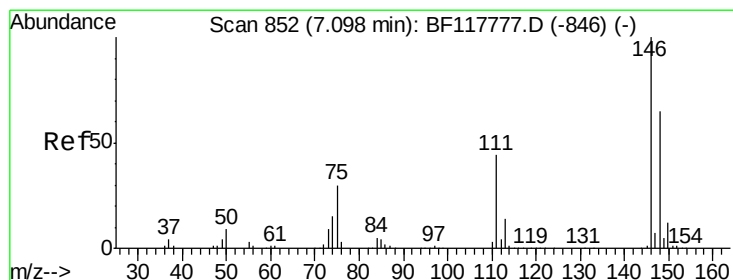
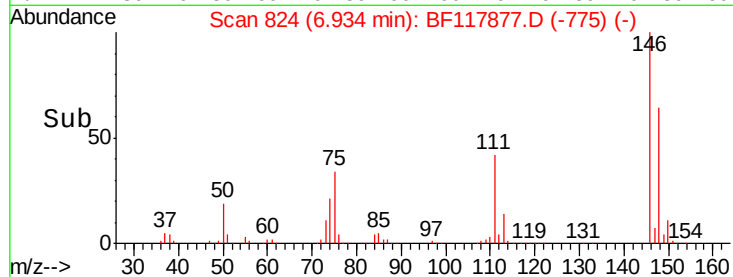
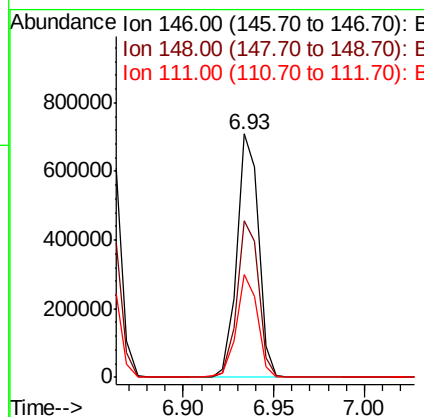
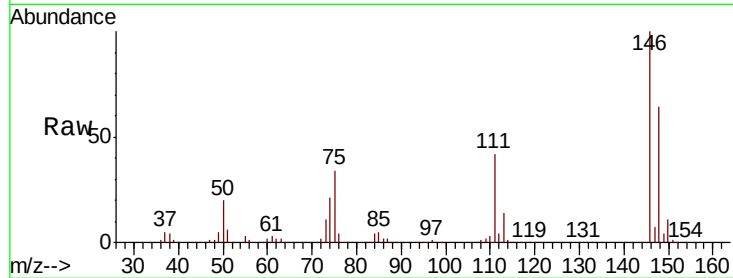
#13
1,4-Dichlorobenzene
Concen: 40.827 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	42.5	32.2	48.4

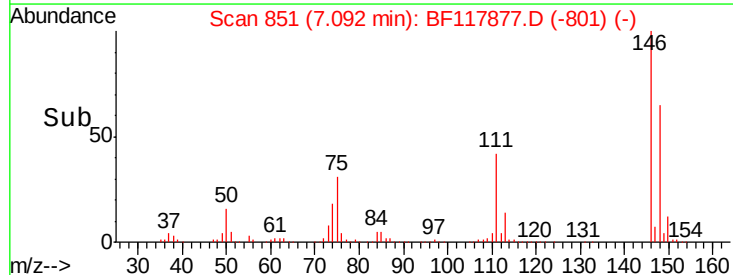
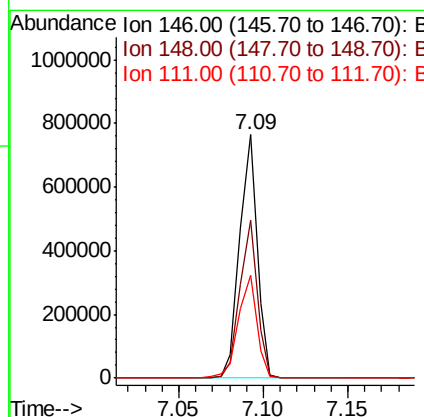
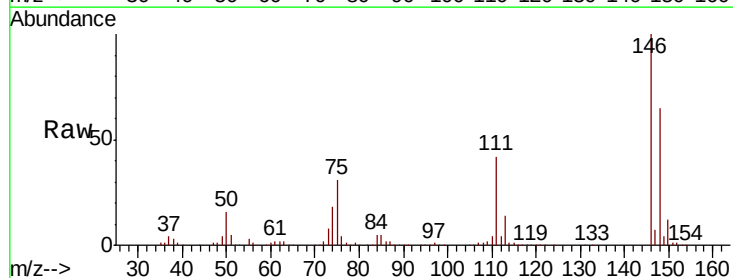
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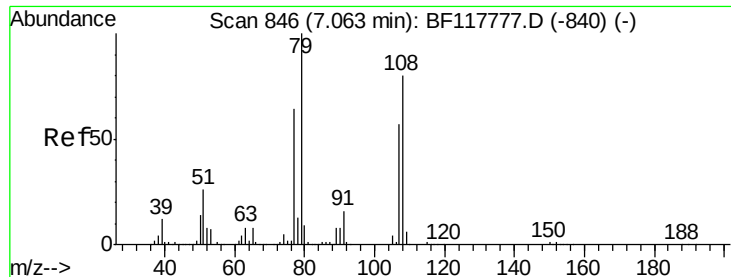
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.059 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
111	42.4	35.0	52.6





#15

Benzyl Alcohol

Concen: 40.343 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

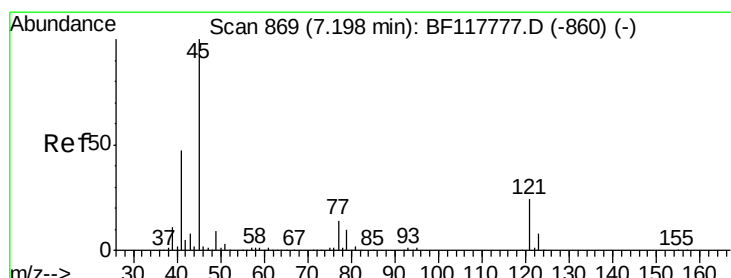
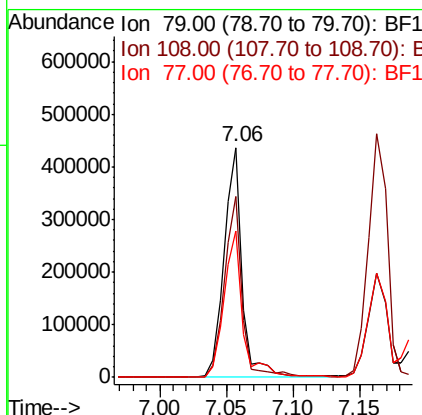
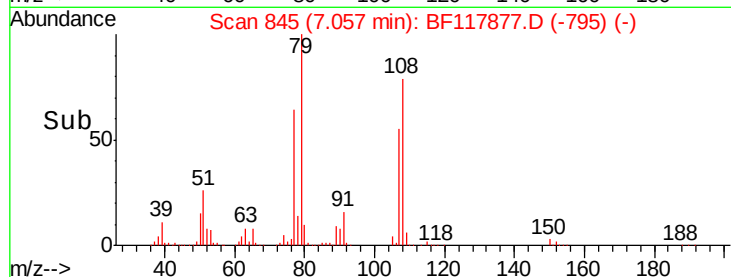
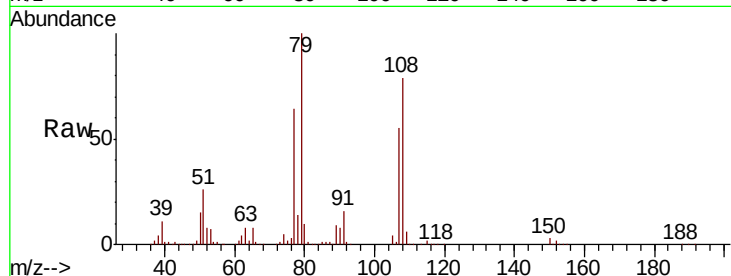
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	420090
Ion Ratio	Lower	Upper	
79	100		
108	78.6	64.1	96.1
77	63.7	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.896 ng

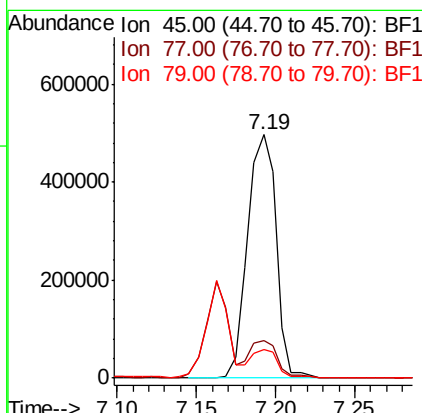
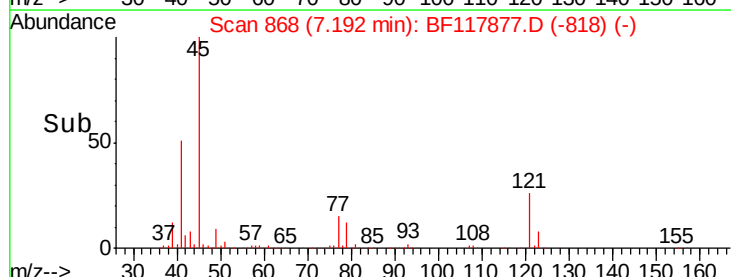
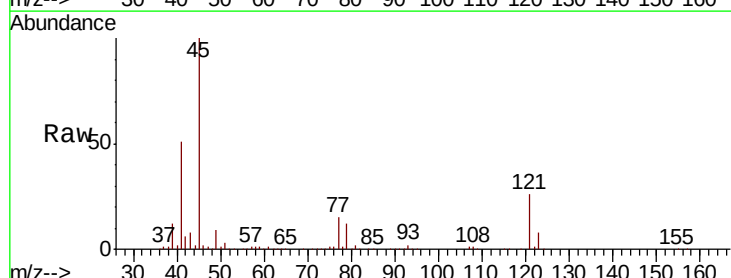
RT: 7.19 min Scan# 868

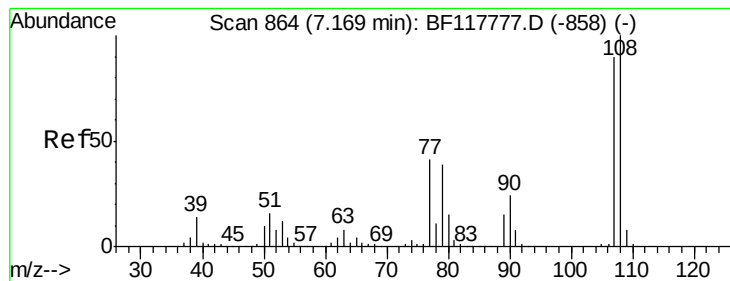
Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:	45	Resp:	622016
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.0
79	11.7	0.0	31.1





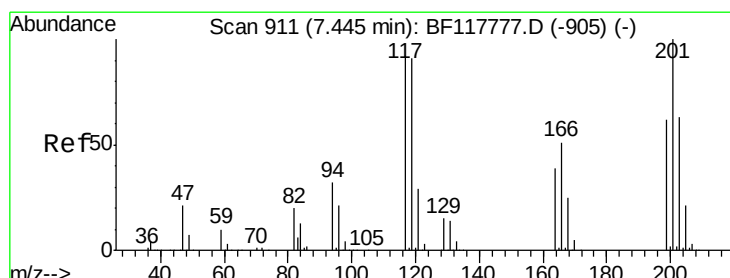
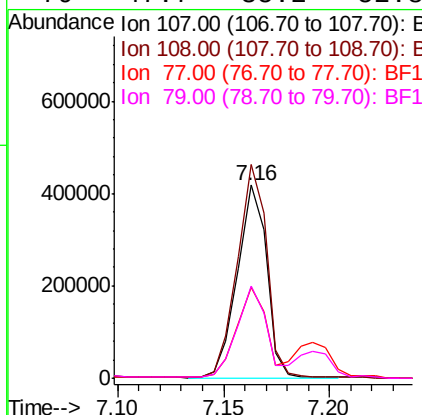
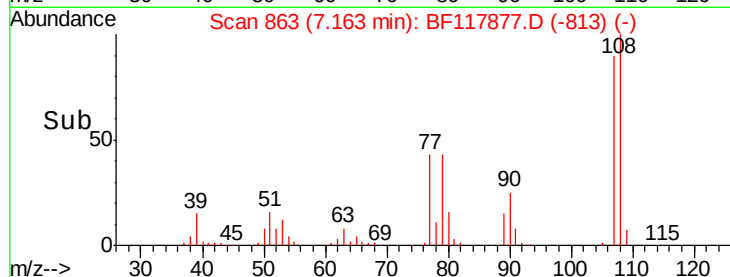
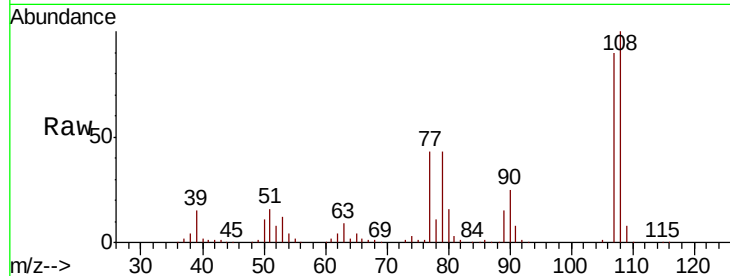
#17
2-Methylphenol
Concen: 38.900 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	399703		
108	110.9	89.1	133.7	
77	47.4	36.6	54.8	
79	47.7	35.2	52.8	

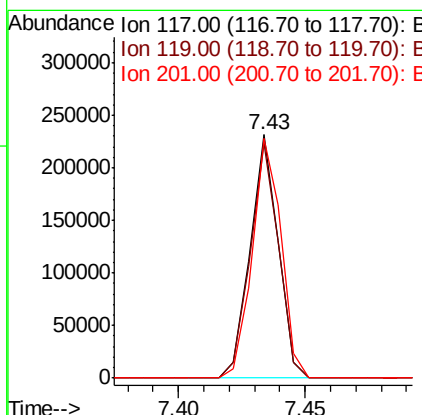
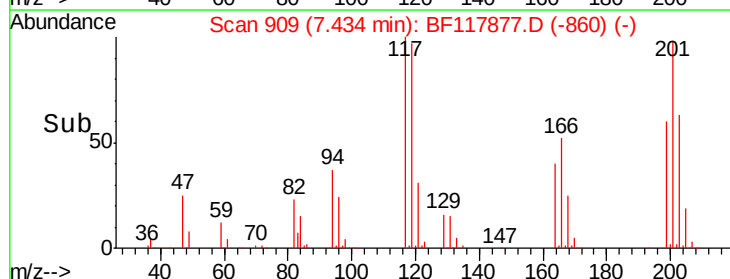
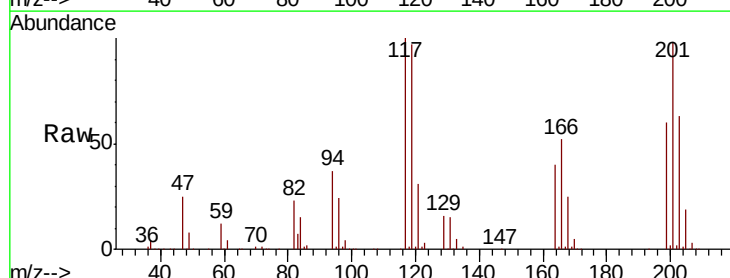
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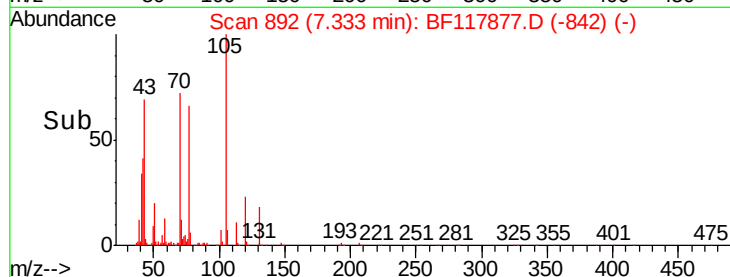
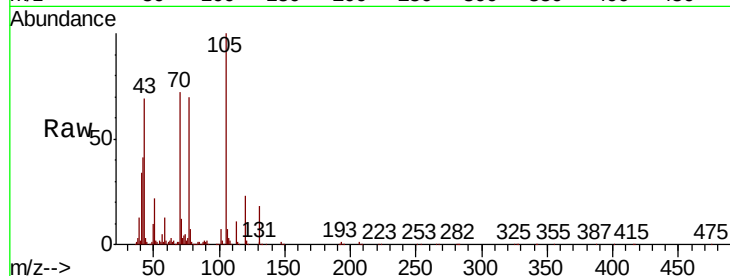
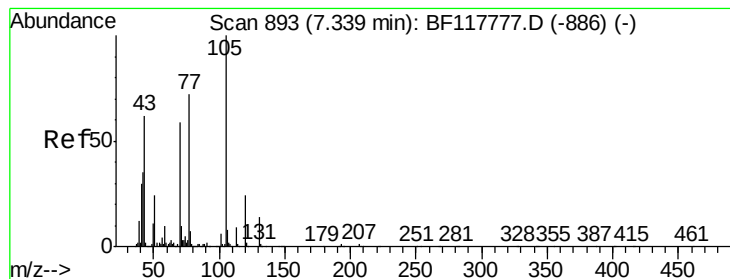
mohammad
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#18
Hexachloroethane
Concen: 33.596 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	178199		
119	96.5	78.7	118.1	
201	98.5	86.5	129.7	





#19

n-Nitroso-di-n-propylamine

Concen: 38.951 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 324099

Ion Ratio Lower Upper

70 100

42 56.8 47.4 71.2

101 10.4 8.4 12.6

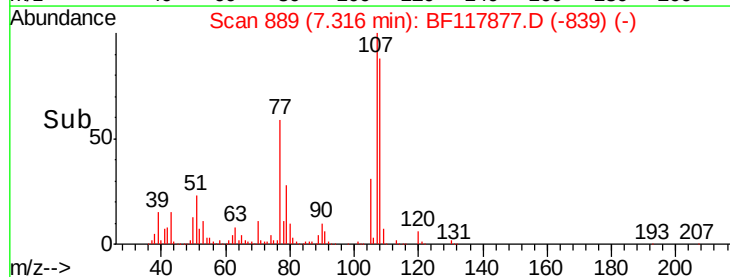
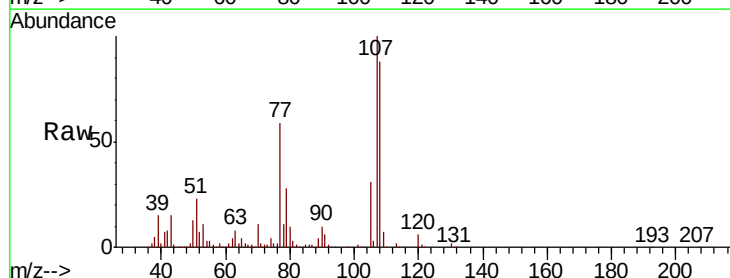
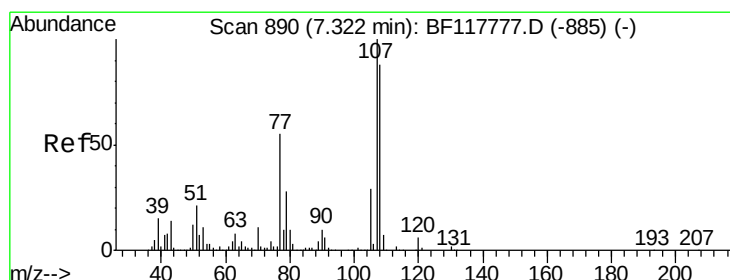
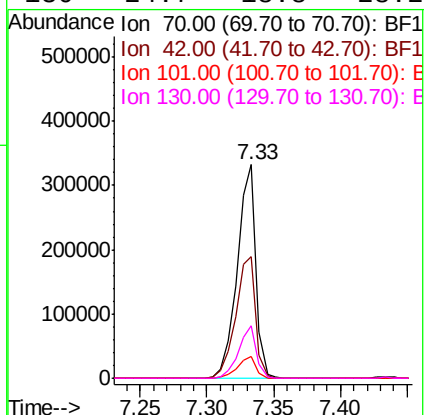
130 24.7 18.8 28.2

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#20

3+4-Methylphenols

Concen: 39.368 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion: 107 Resp: 502141

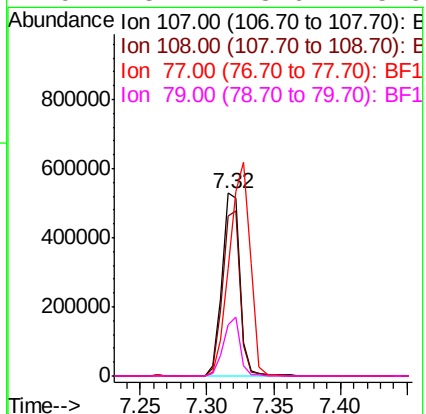
Ion Ratio Lower Upper

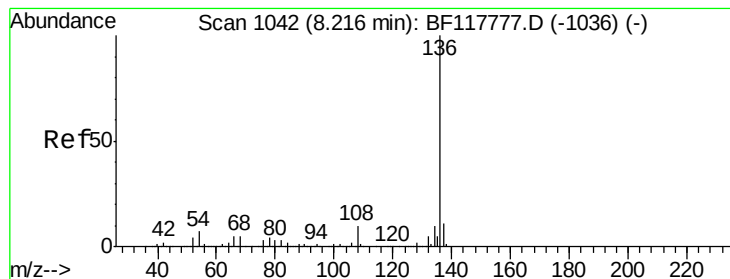
107 100

108 87.8 68.4 108.4

77 58.6 35.2 75.2

79 28.2 8.6 48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

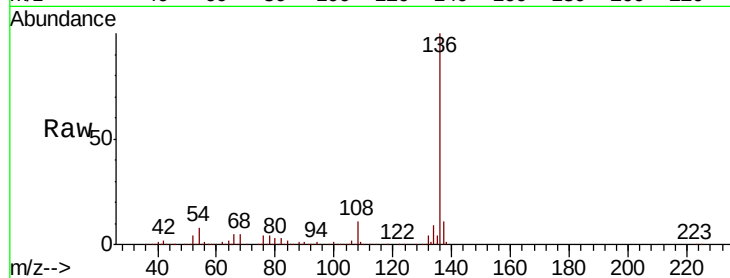
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		717817		
137	11.0	9.0	13.4		
54	7.5	5.4	8.2		
68	5.2	4.3	6.5		

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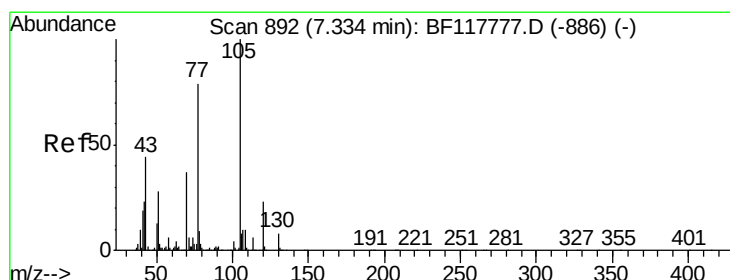
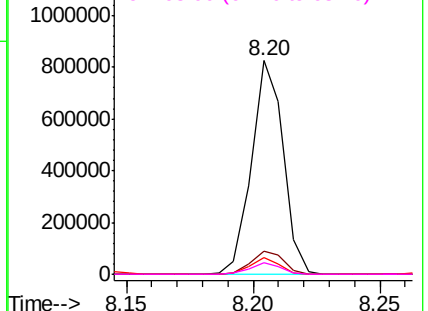
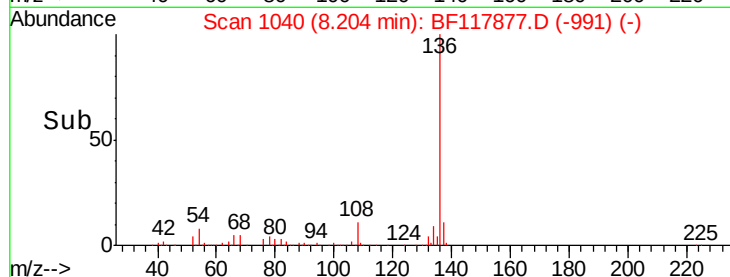
Abundance

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: 42.431 ng

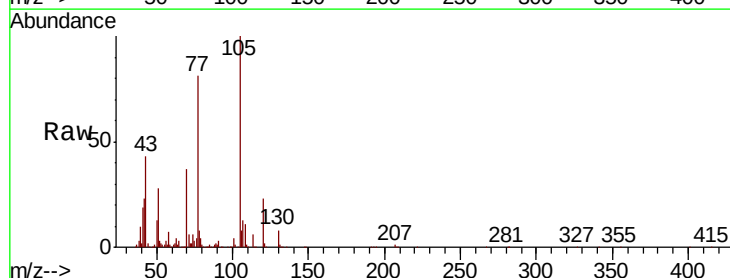
RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		684299		
71	6.3	4.9	7.3		
51	28.4	22.7	34.1		
120	22.9	18.5	27.7		



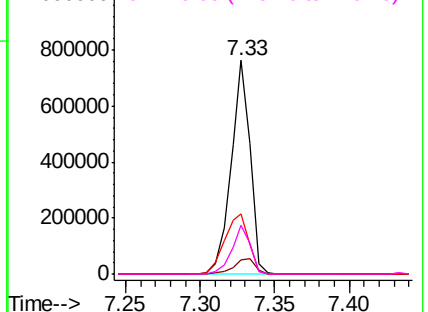
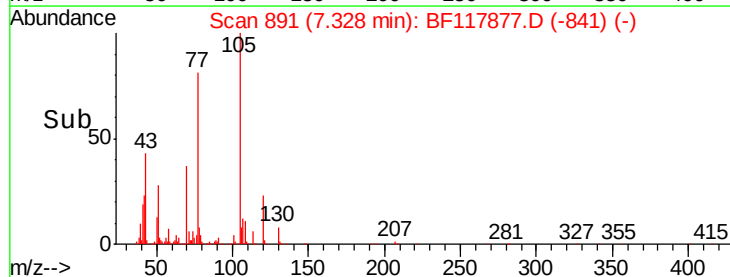
Abundance

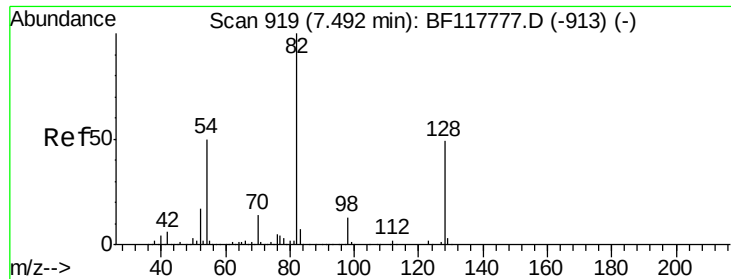
Ion 105.00 (104.70 to 105.70): E

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





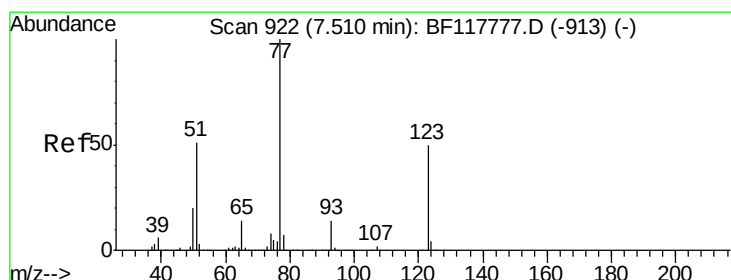
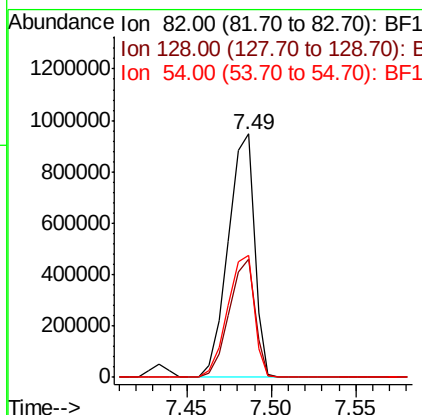
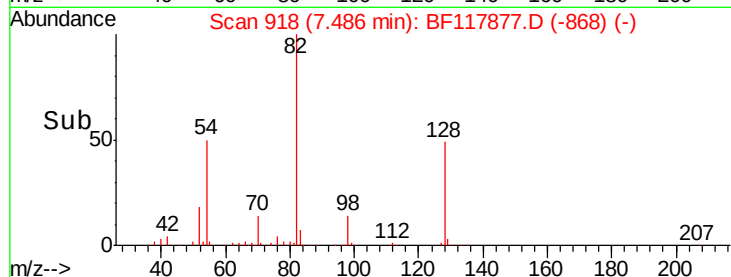
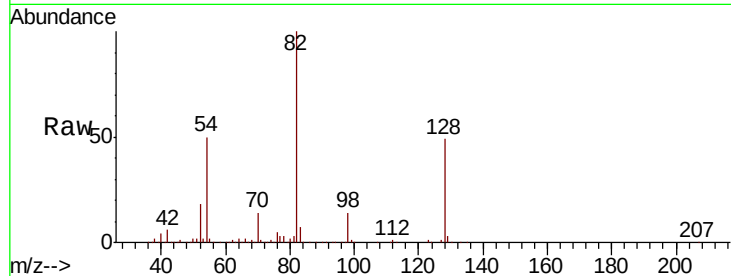
#23
 Nitrobenzene-d5
 Concen: 84.789 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.9	58.3
54	49.9	39.8	59.6

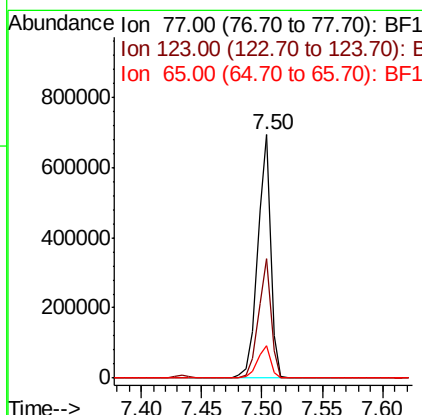
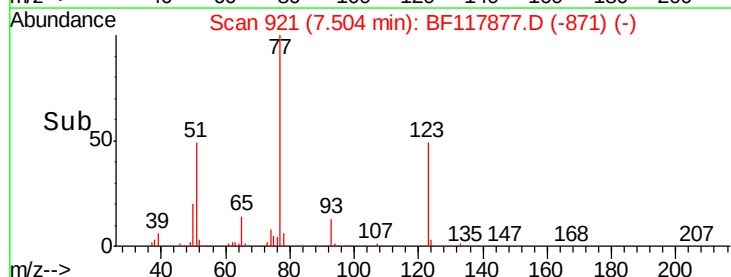
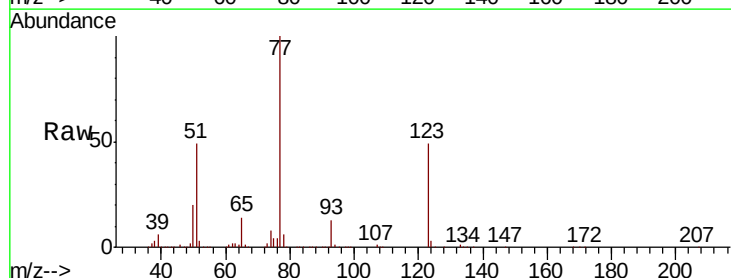
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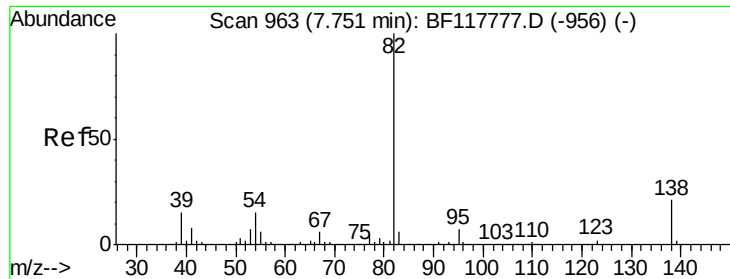
mohammad
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#24
 Nitrobenzene
 Concen: 41.682 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.3	60.5
65	13.6	10.9	16.3





#25

Isophorone

Concen: 38.392 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

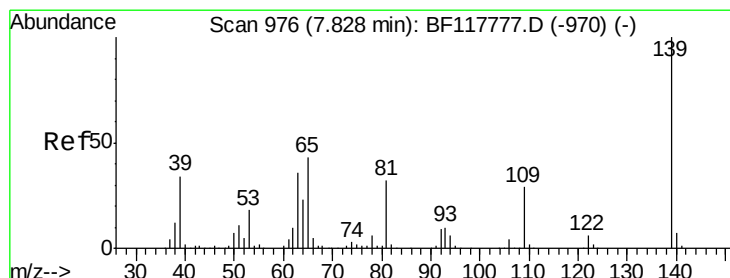
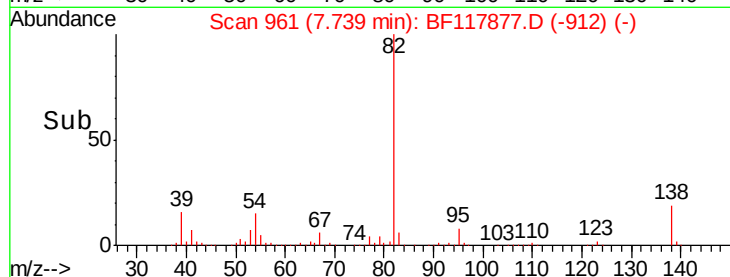
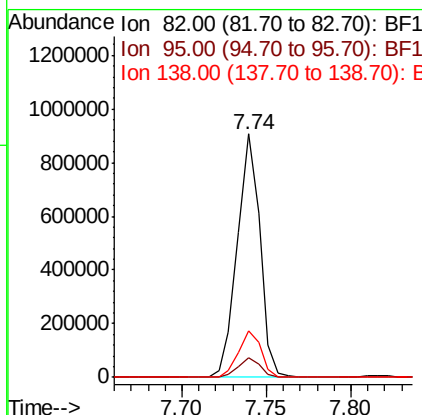
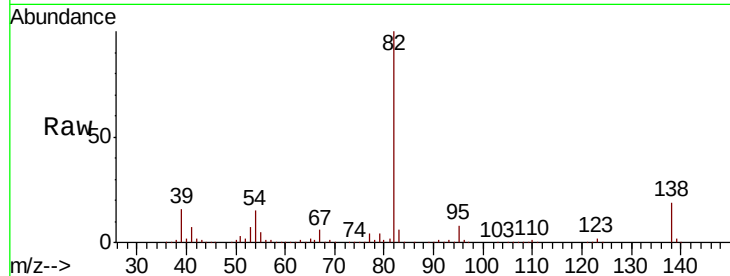
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	849678
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.8
138	18.8	16.5	24.7

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#26

2-Nitrophenol

Concen: 36.728 ng

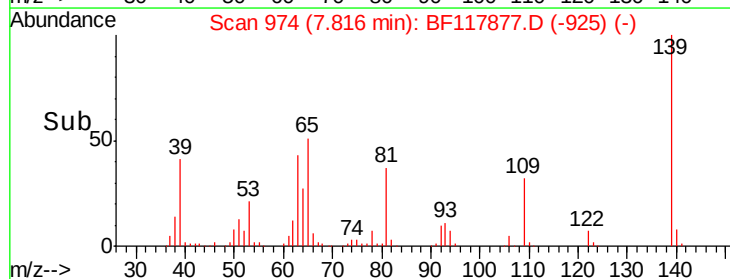
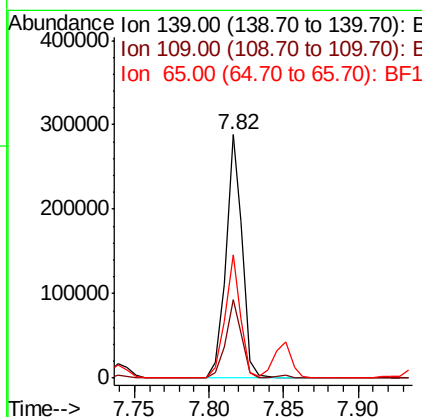
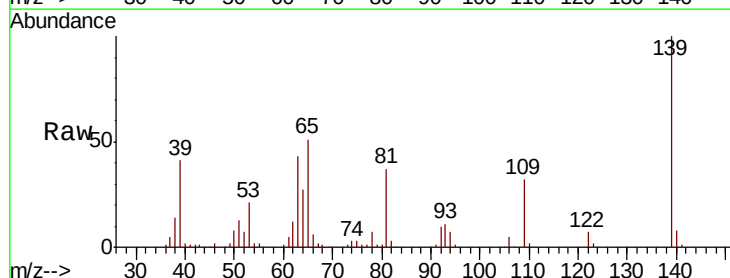
RT: 7.82 min Scan# 974

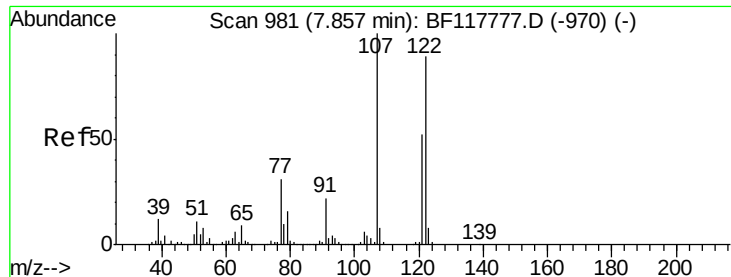
Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Tgt Ion:	139	Resp:	222691
Ion Ratio	Lower	Upper	
139	100		
109	32.2	23.0	34.4
65	50.6	34.7	52.1





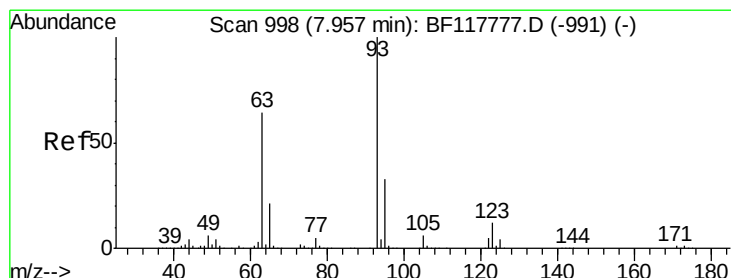
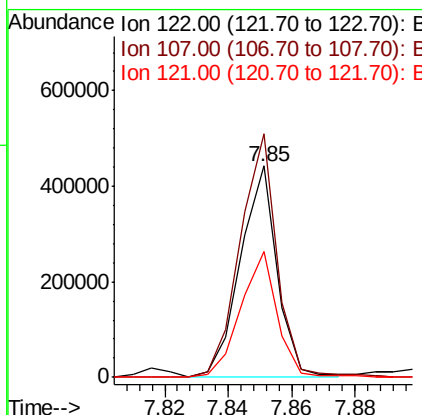
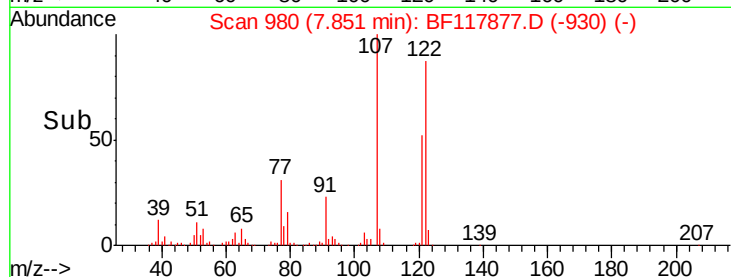
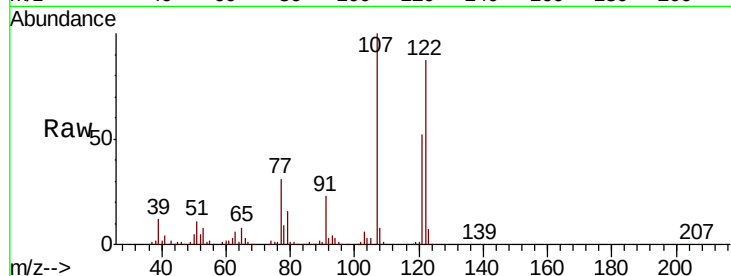
#27
2,4-Dimethylphenol
Concen: 37.680 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	355003		
107	115.3	90.0	135.0	
121	59.8	46.7	70.1	

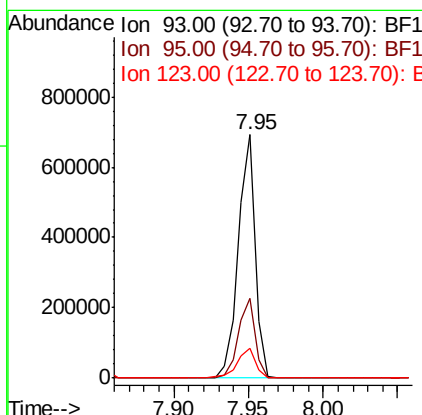
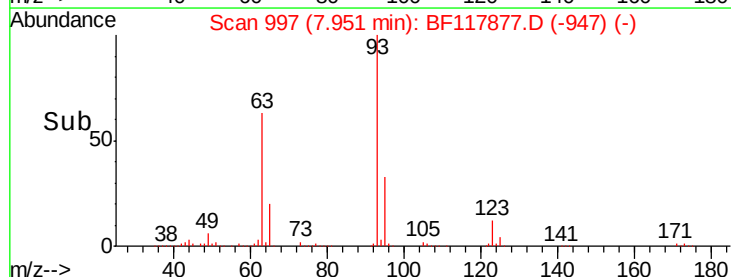
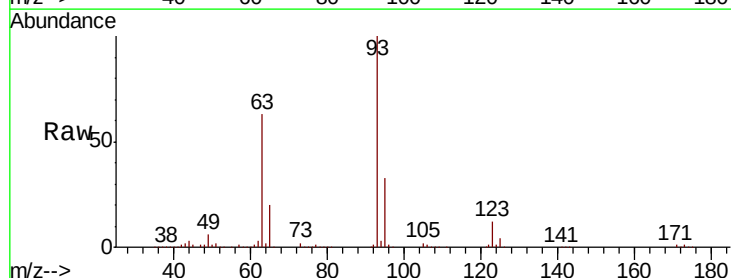
Manual Integrations
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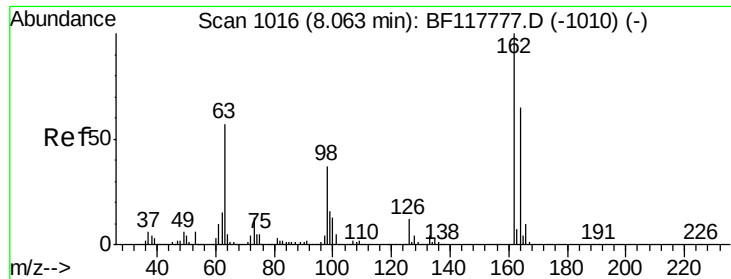
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.394 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	553261		
95	32.8	26.6	40.0	
123	12.2	10.3	15.5	





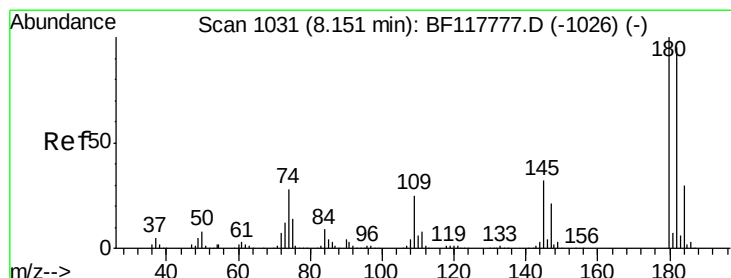
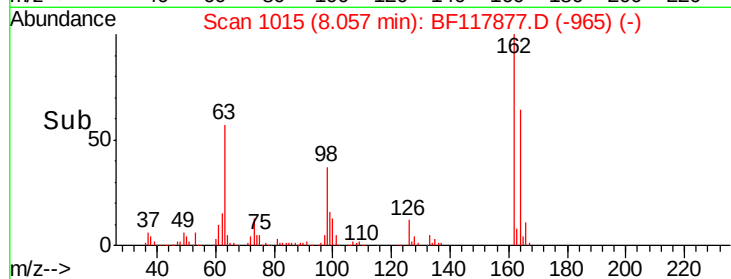
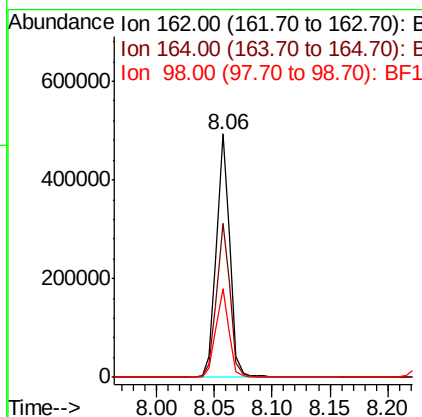
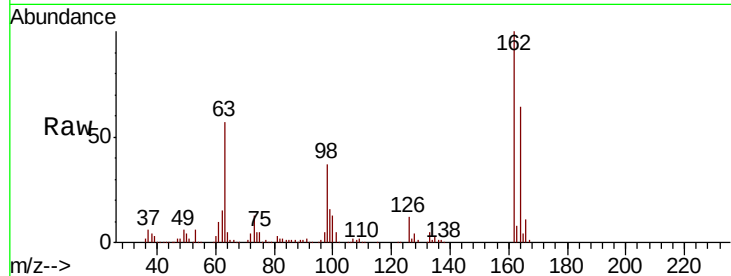
#29
2,4-Dichlorophenol
Concen: 38.969 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	398246		
164	63.5	45.1	85.1	
98	36.6	17.2	57.2	

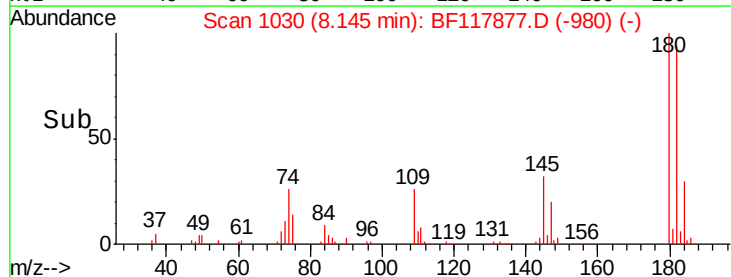
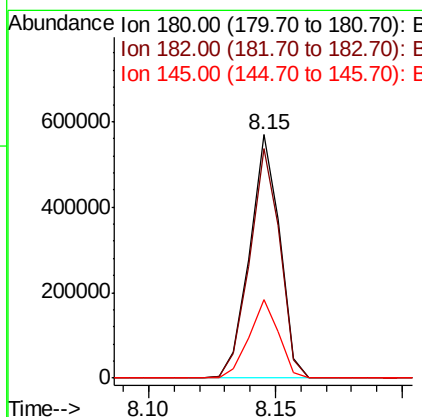
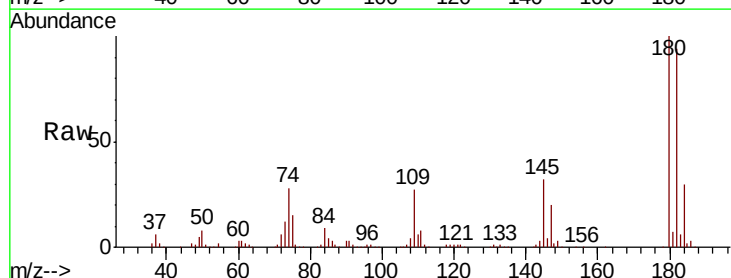
Manual Integrations
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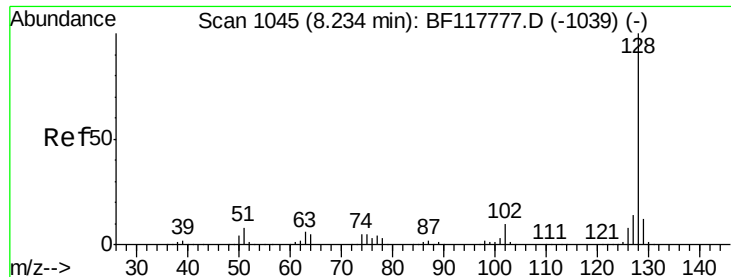
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#30
1,2,4-Trichlorobenzene
Concen: 39.620 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	469657		
182	94.4	75.8	113.6	
145	32.0	25.5	38.3	





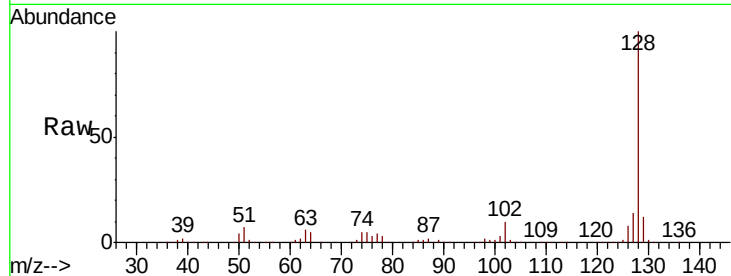
#31
Naphthalene
Concen: 41.408 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

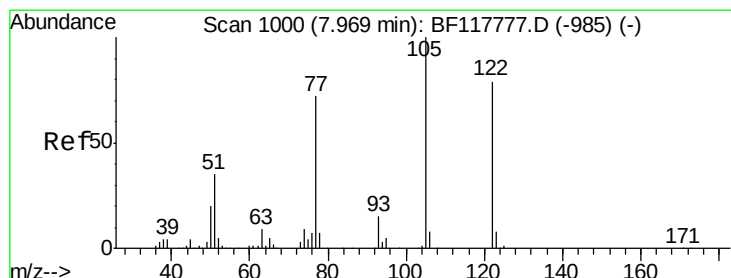
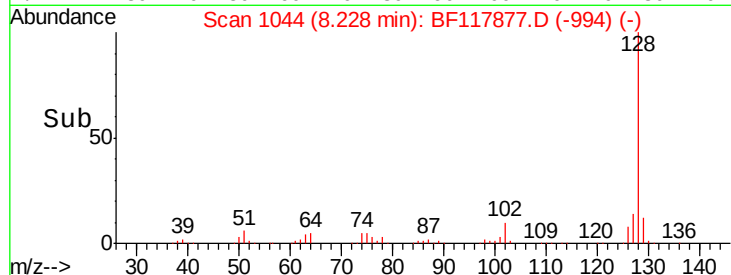
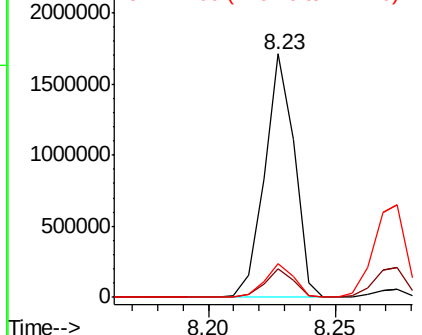
Tot Ion:128 Resp: 1385669
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.3 16.9

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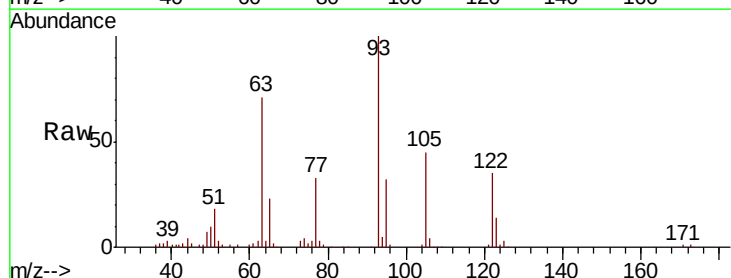


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

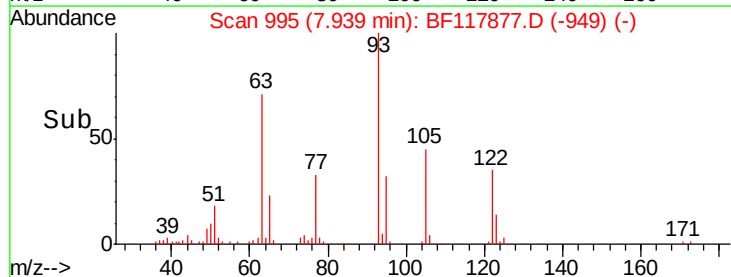
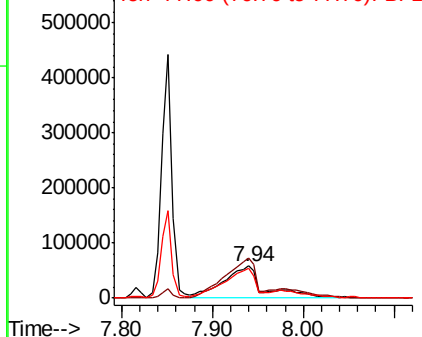


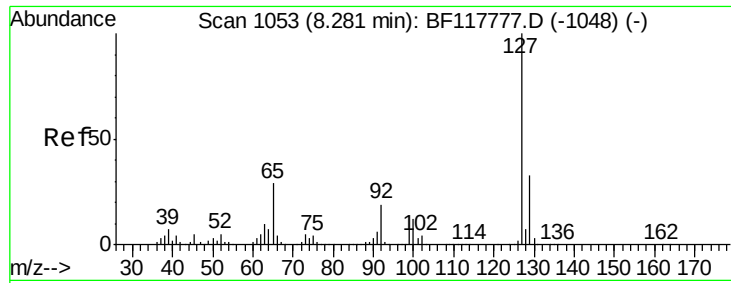
#32
Benzoic acid
Concen: 23.432 ng m
RT: 7.94 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:122 Resp: 184848
Ion Ratio Lower Upper
122 100
105 126.0 102.7 142.7
77 94.5 70.5 110.5



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





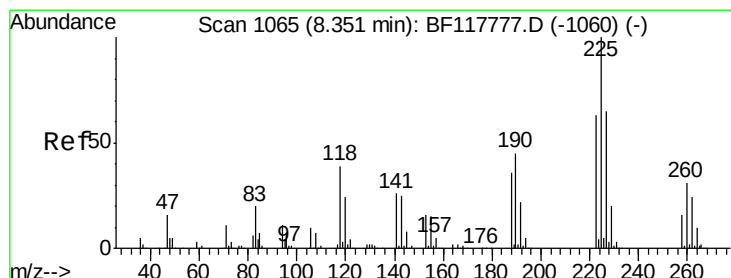
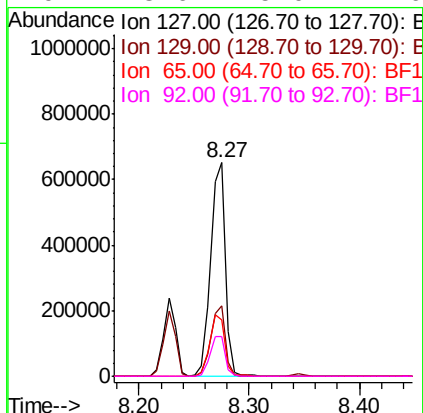
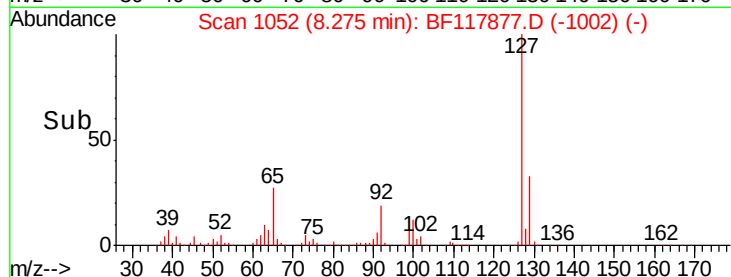
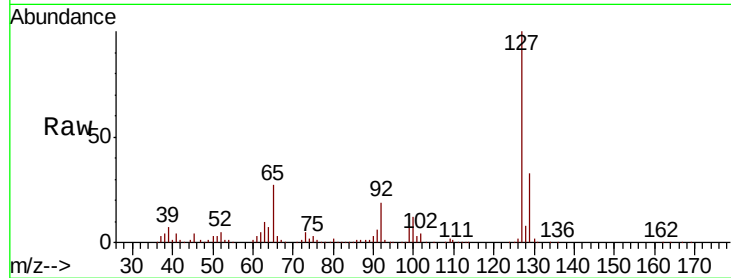
#33
4-Chloroaniline
Concen: 39.086 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.5	39.7		
65	26.6	22.9	34.3		
92	18.6	15.0	22.6		

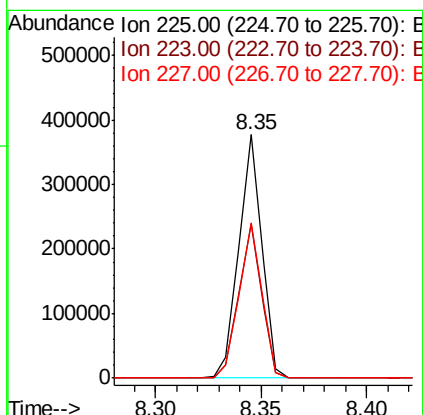
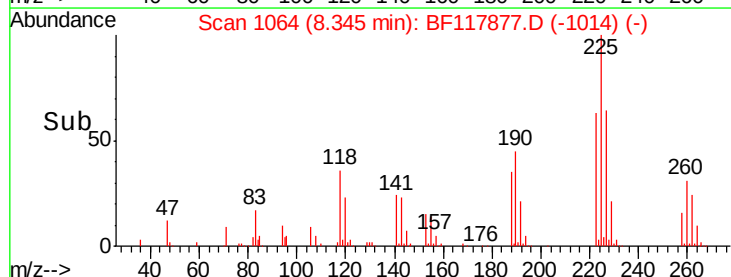
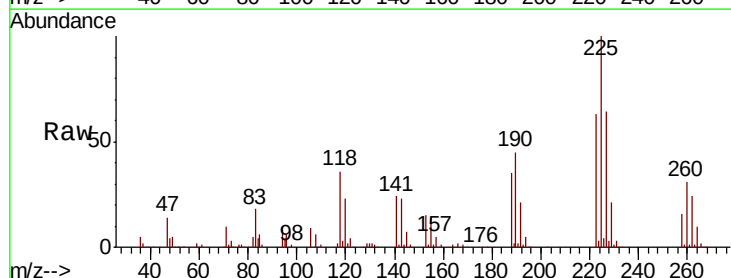
Manual Integrations
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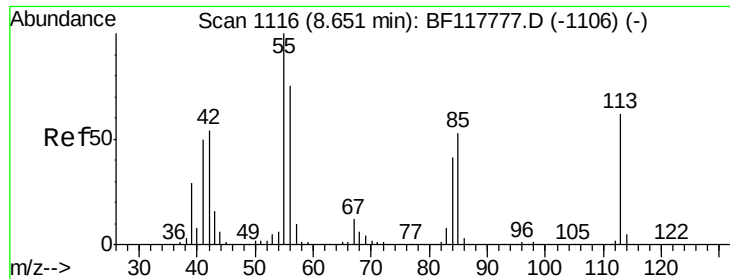
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#34
Hexachlorobutadiene
Concen: 40.722 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.0	75.0		
227	64.0	51.8	77.6		





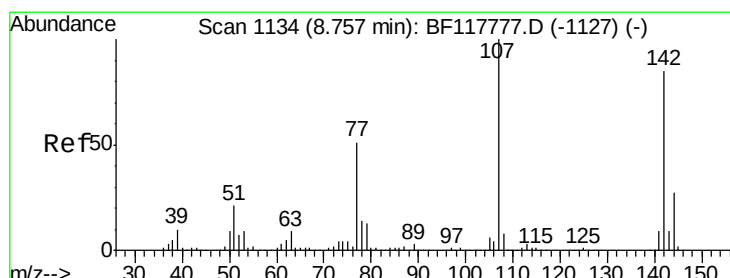
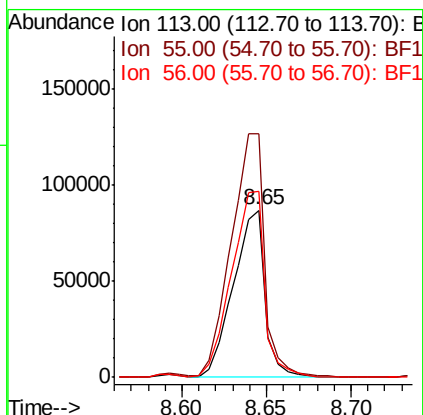
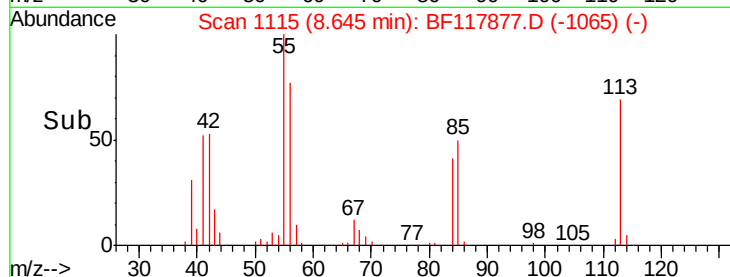
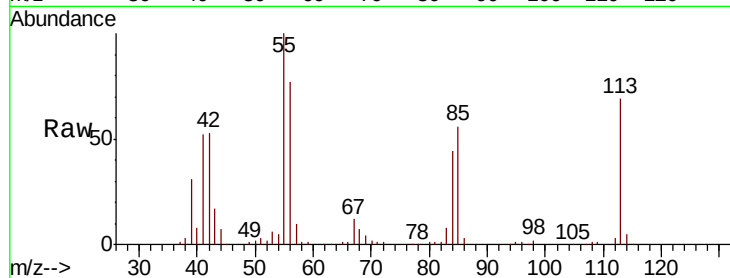
#35
Caprolactam
Concen: 35.007 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	145.7	141.1	181.1
56	111.5	100.5	140.5

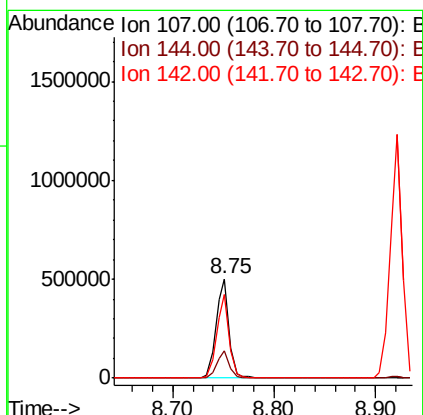
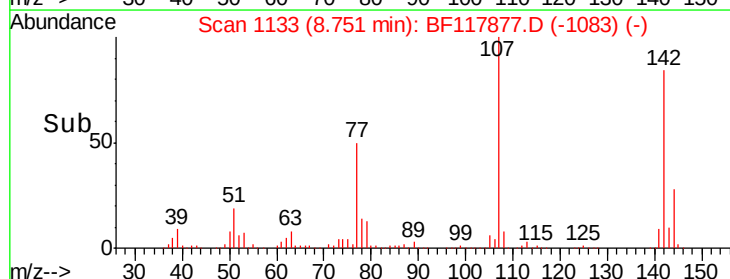
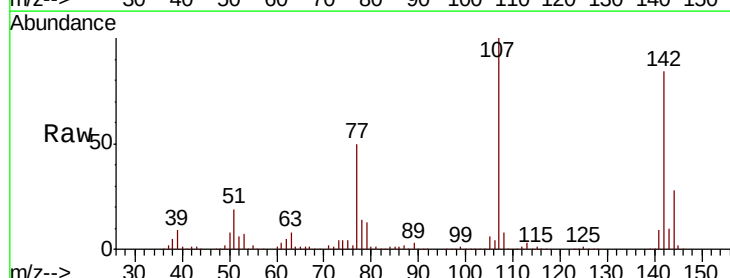
Manual Integrations
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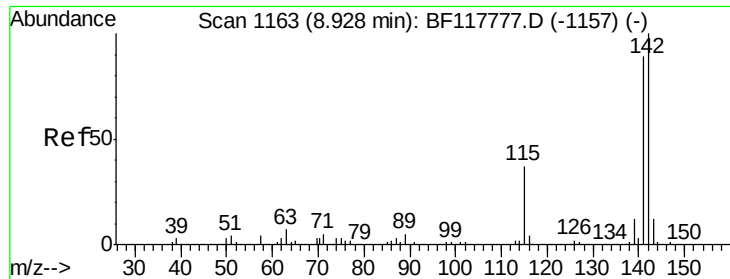
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#36
4-Chloro-3-methylphenol
Concen: 42.612 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.9	32.9
142	84.1	67.7	101.5





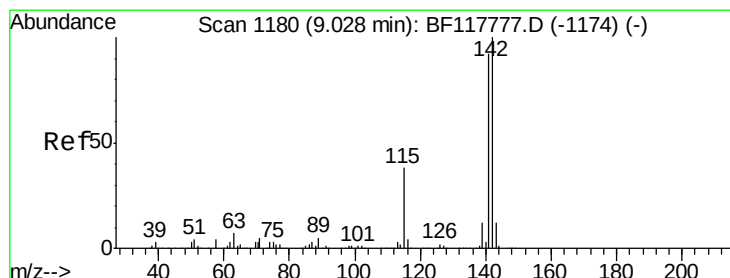
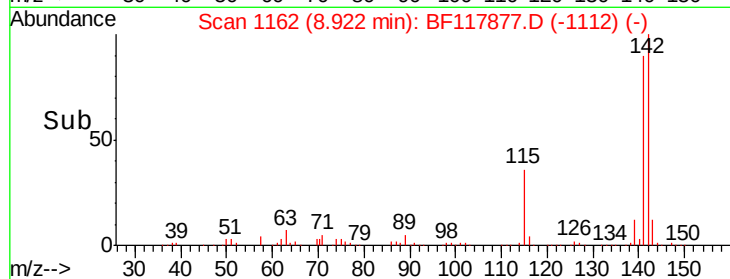
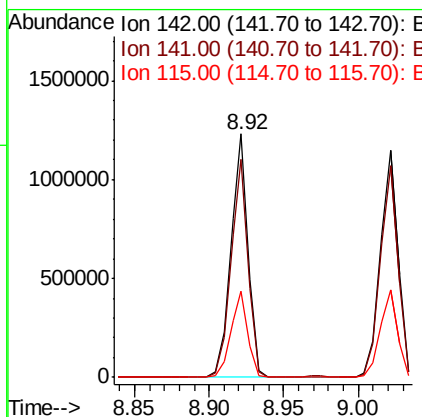
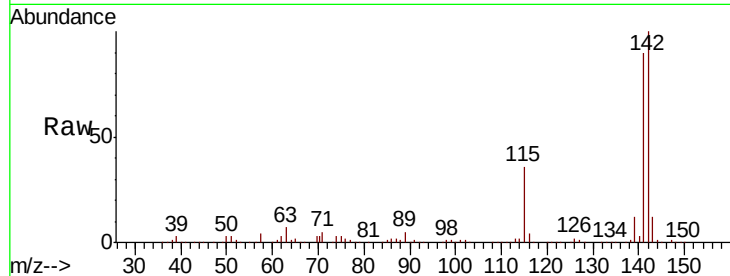
#37
2-Methylnaphthalene
Concen: 44.180 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	35.6	29.2	43.8

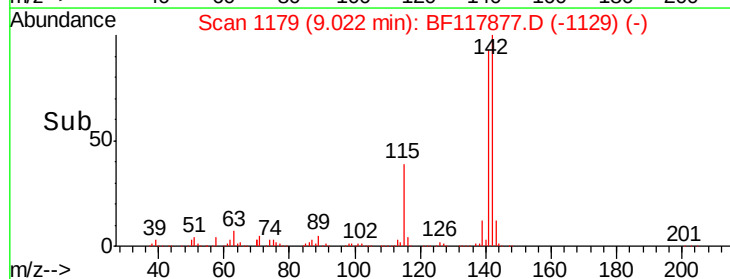
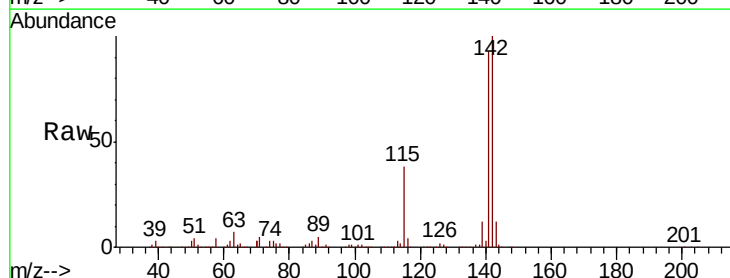
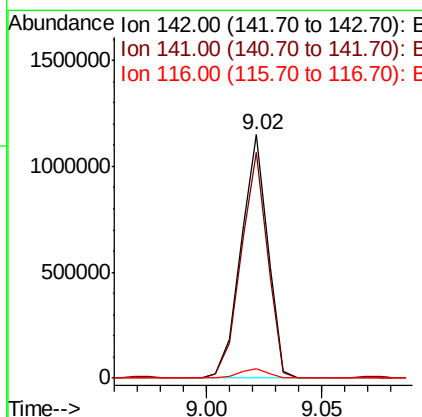
Manual Integrations
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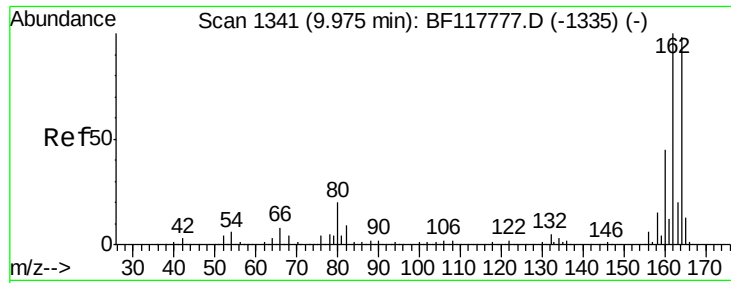
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#38
1-Methylnaphthalene
Concen: 43.425 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.5	110.3
116	3.9	3.2	4.8





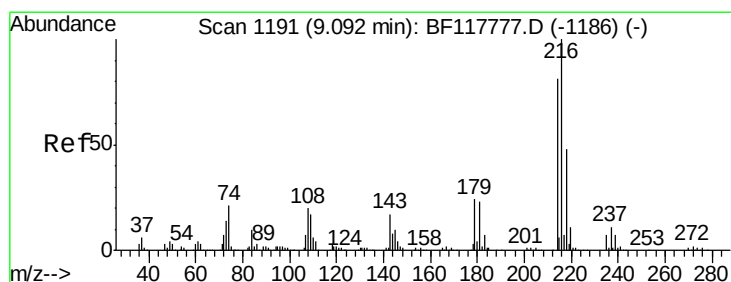
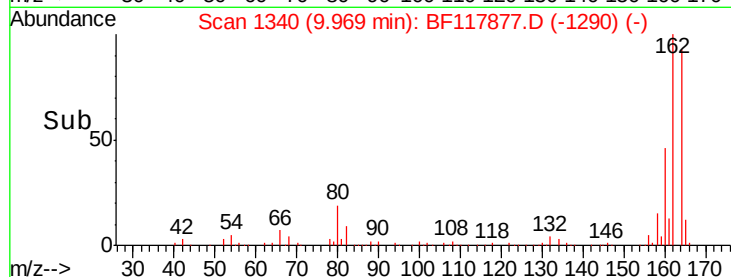
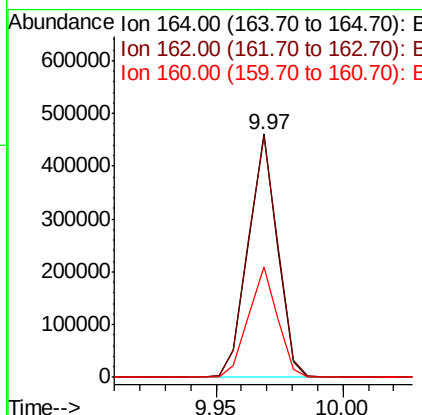
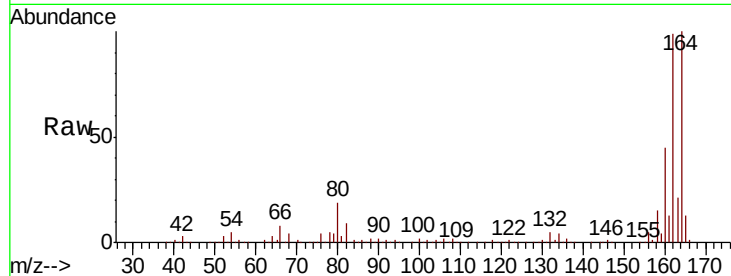
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.9	81.3	121.9	
160	45.2	36.6	55.0	

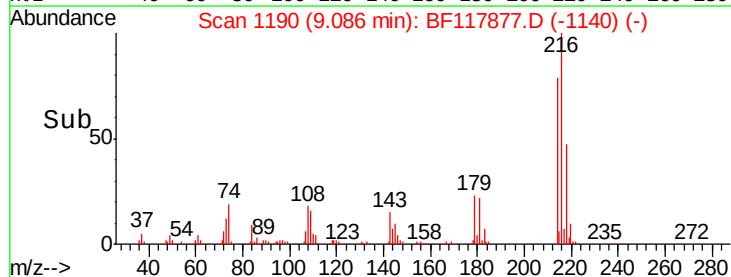
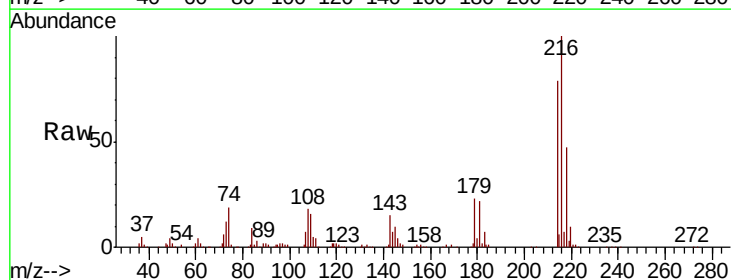
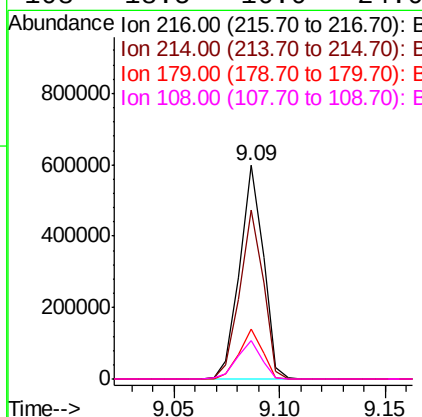
Manual Integrations
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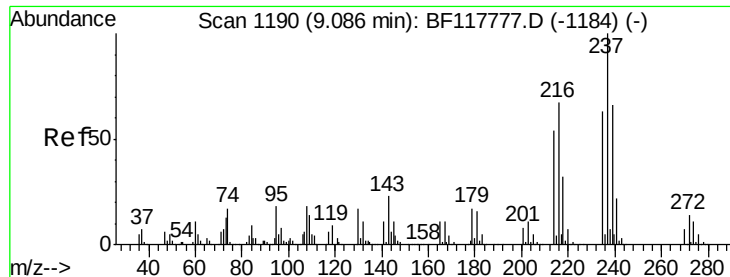
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.134 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.4	95.0	
179	22.9	18.2	27.4	
108	18.5	16.0	24.0	





#41

Hexachlorocyclopentadiene

Concen: 8.062 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

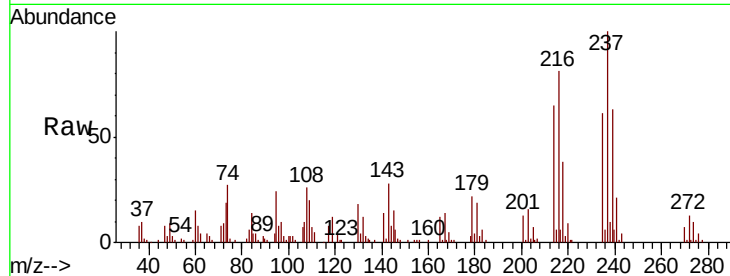
ClientSampleId :

SSTDCCC040

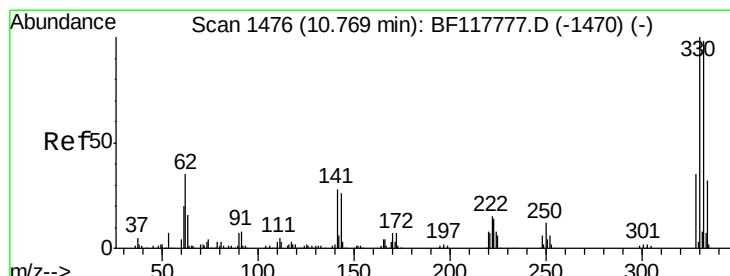
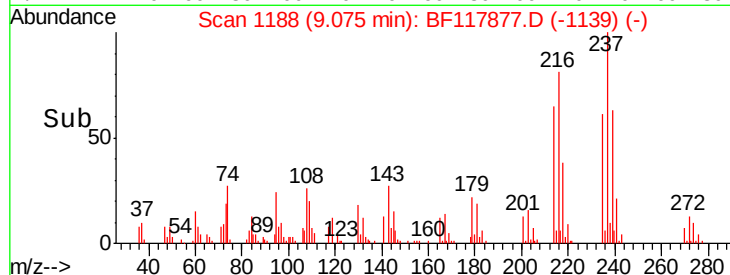
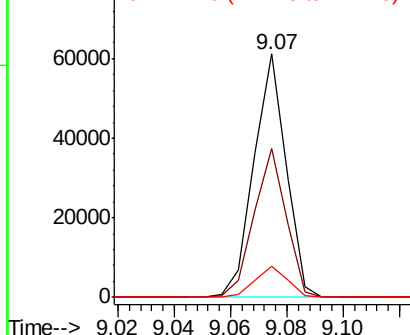
Tot Ion:	237	Resp:	48407
Ion Ratio	Lower	Upper	
237	100		
235	61.4	42.6	82.6
272	13.0	0.0	34.3

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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: 72.673 ng

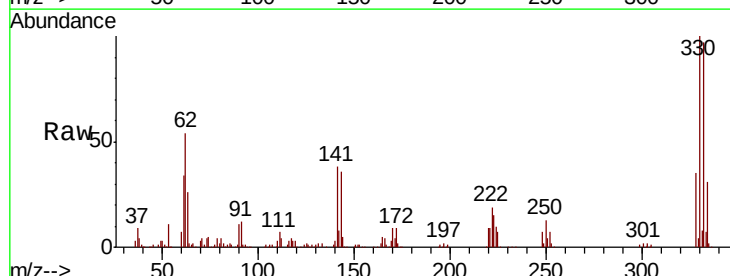
RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

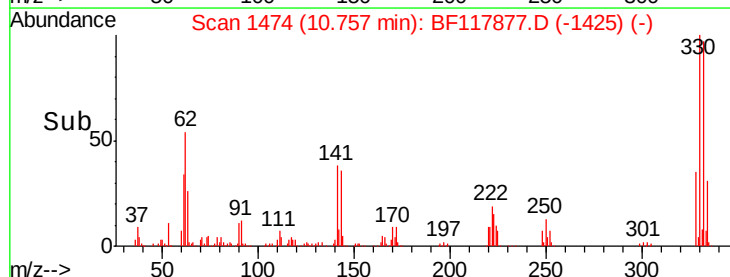
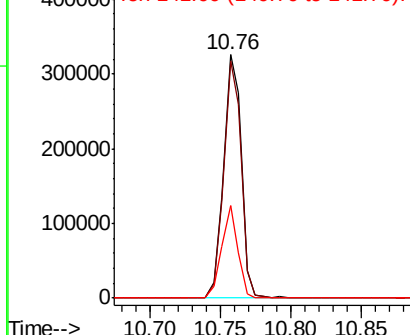
Lab File: BF117877.D

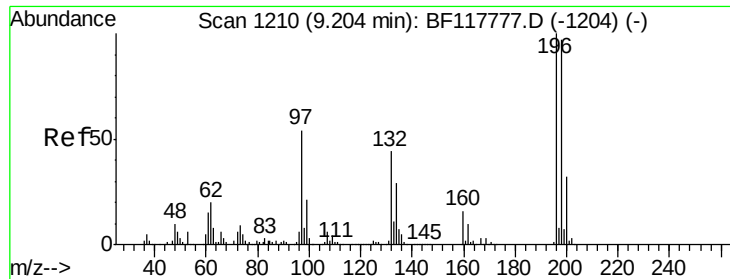
Acq: 20 Nov 2019 2:32

Tgt Ion:	330	Resp:	283874
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.7	115.1
141	34.6	27.7	41.5



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





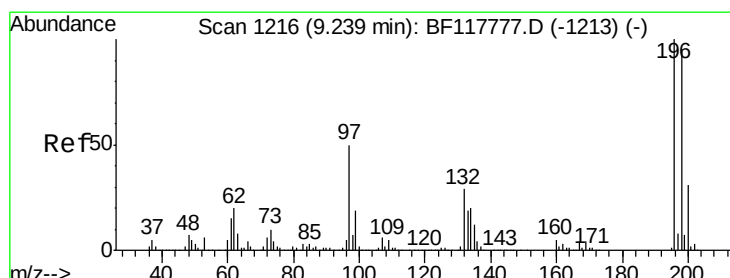
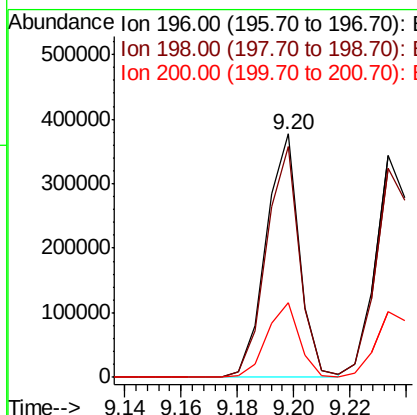
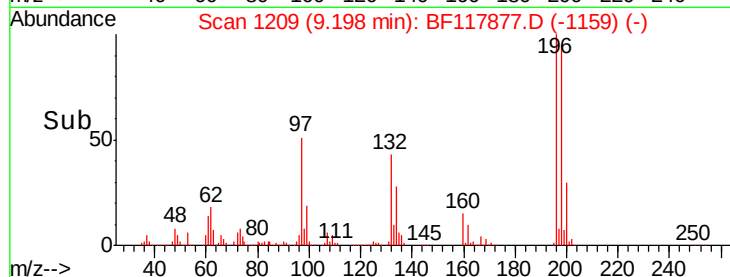
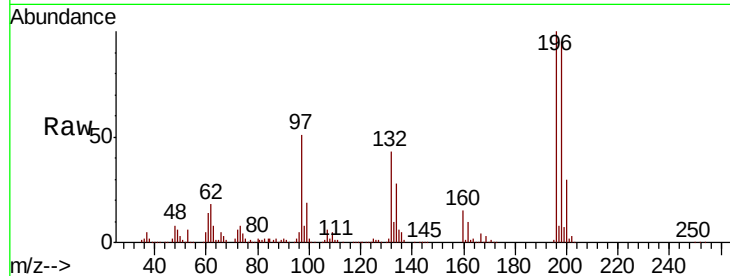
#43
 2,4,6-Trichlorophenol
 Concen: 40.112 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	307848
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.8	116.6
200	30.4	25.4	38.0

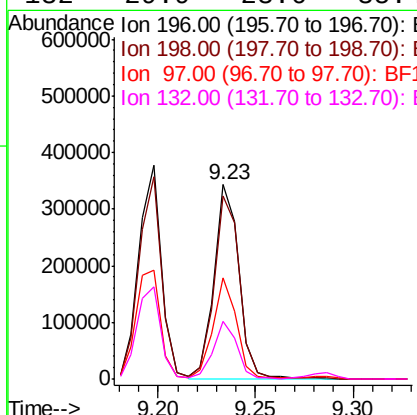
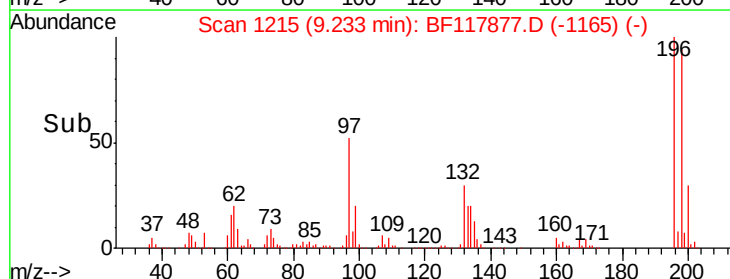
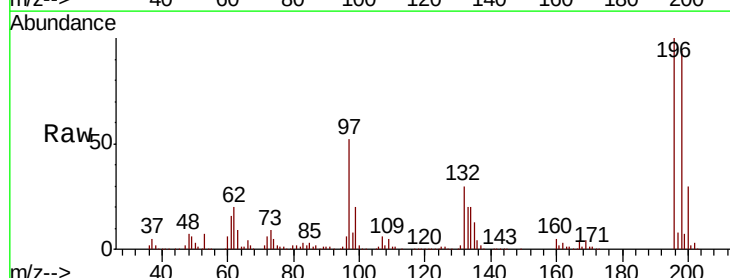
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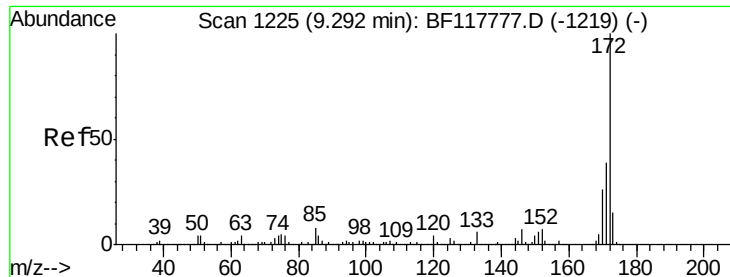
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.047 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion:	196	Resp:	303177
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.3	114.5
97	51.8	40.0	60.0
132	29.9	23.6	35.4





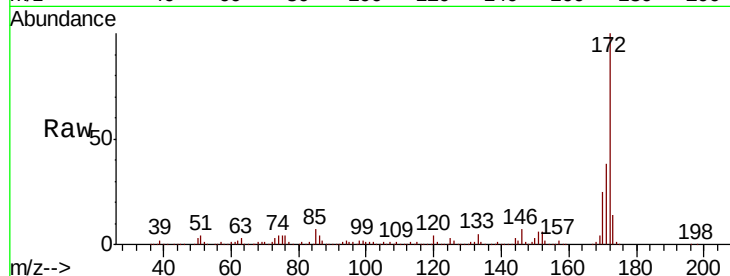
#45
2-Fluorobiphenyl
Concen: 97.253 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.9	46.3
170	25.5	21.0	31.4

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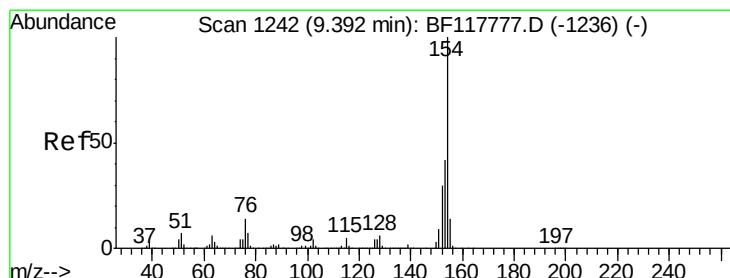
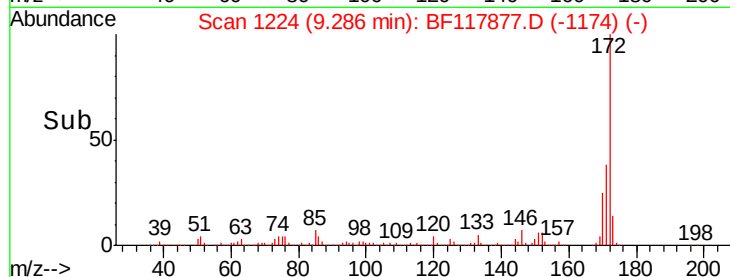
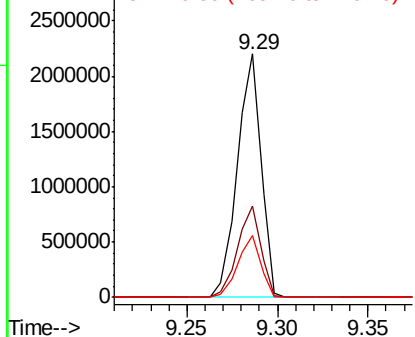


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.210 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

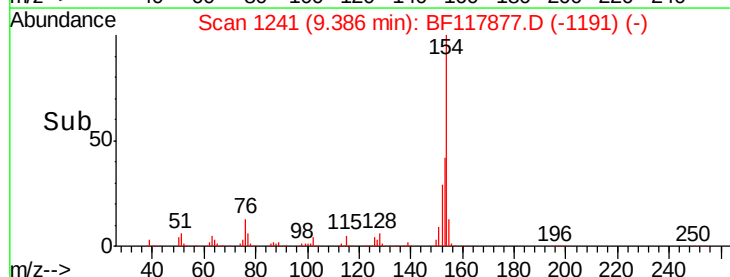
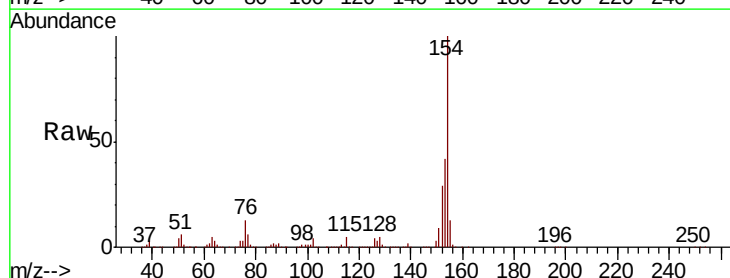
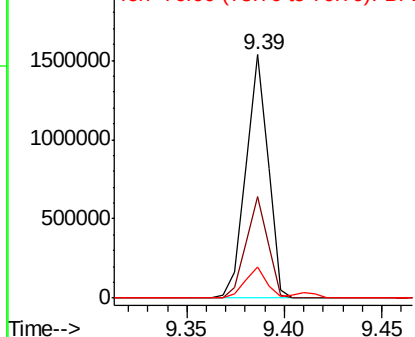
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.9	61.9
76	12.6	0.0	33.6

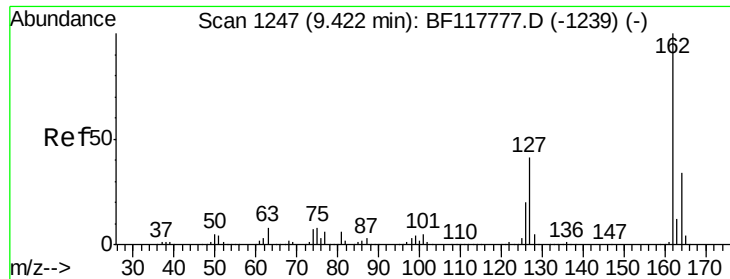
Abundance

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





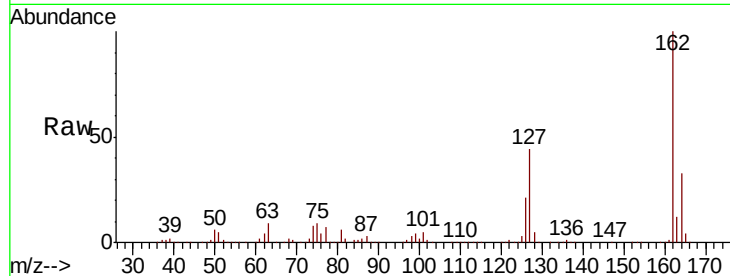
#47
 2-Chloronaphthalene
 Concen: 42.218 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

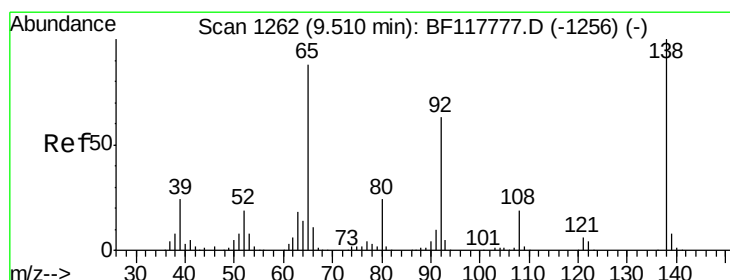
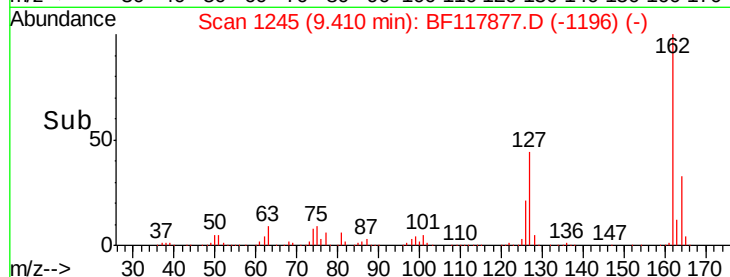
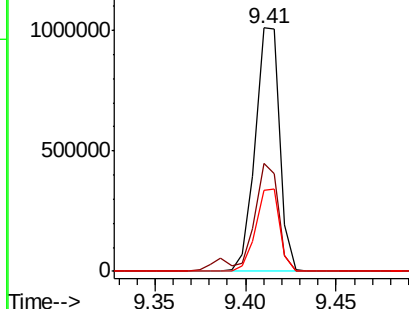
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	44.1	33.2	49.8
164	33.1	27.3	40.9

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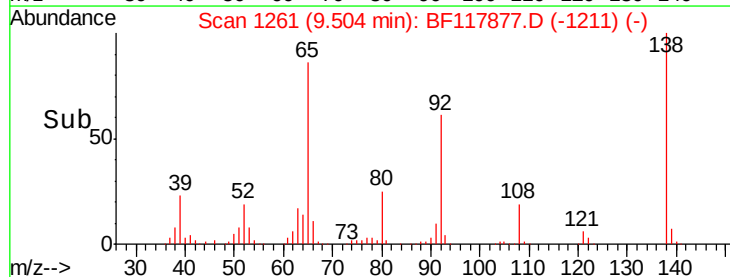
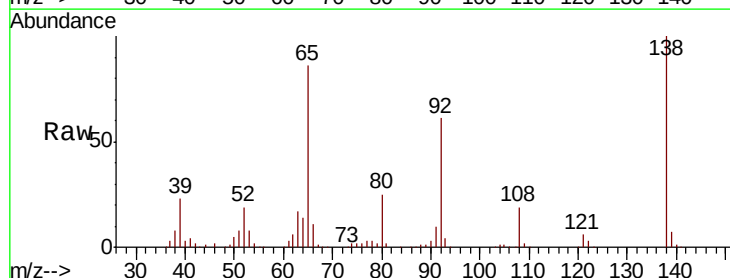
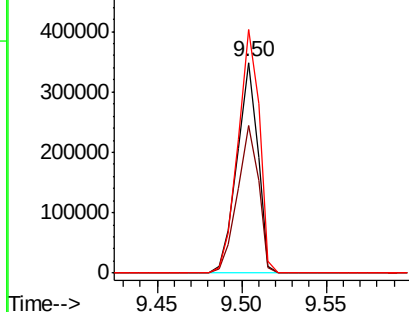
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

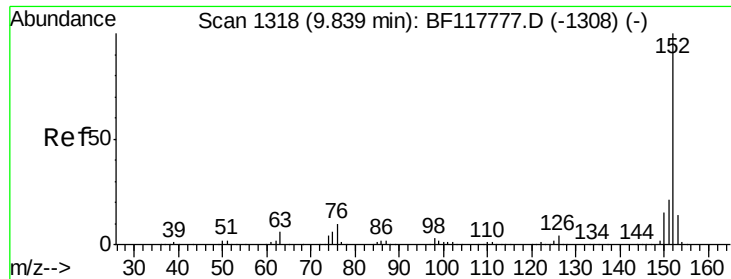


#48
 2-Nitroaniline
 Concen: 43.844 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.2	56.6	84.8
138	115.7	90.5	135.7

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





#49

Acenaphthylene

Concen: 41.523 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1363269

Ion Ratio Lower Upper

152 100

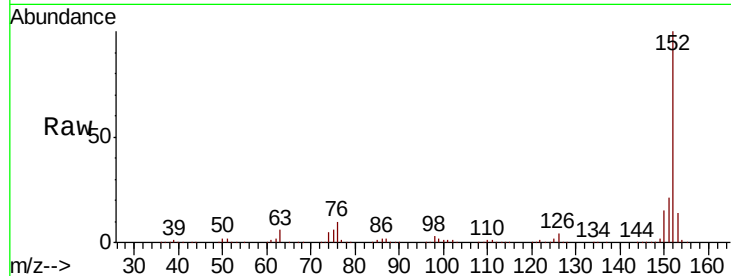
151 20.6 17.0 25.6

153 13.8 11.0 16.6

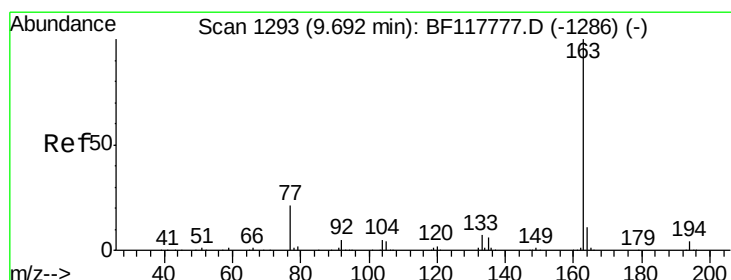
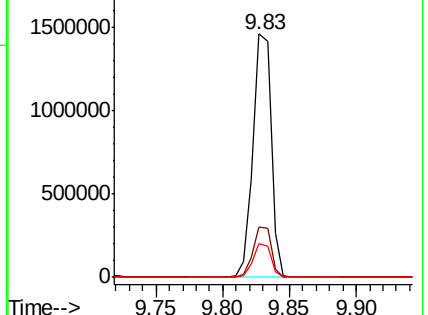
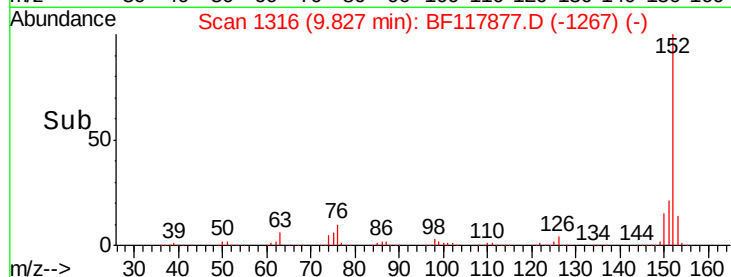
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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.670 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

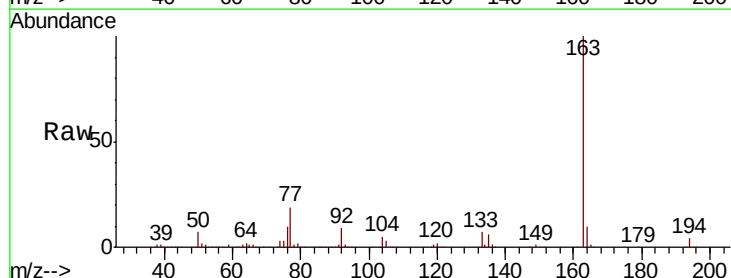
Tgt Ion:163 Resp: 1104011

Ion Ratio Lower Upper

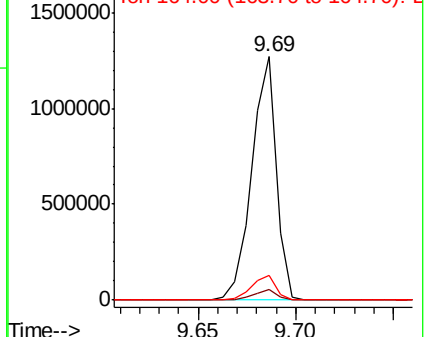
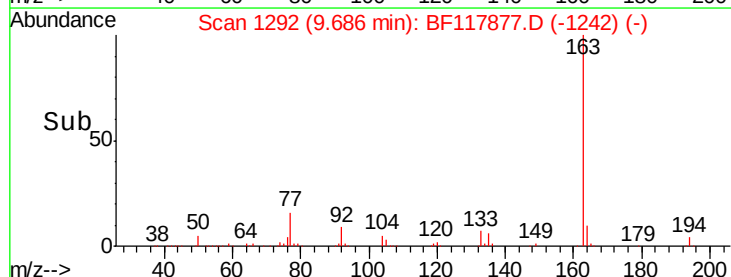
163 100

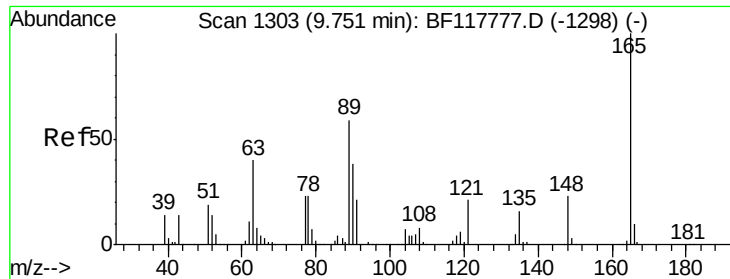
194 4.2 3.3 4.9

164 10.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





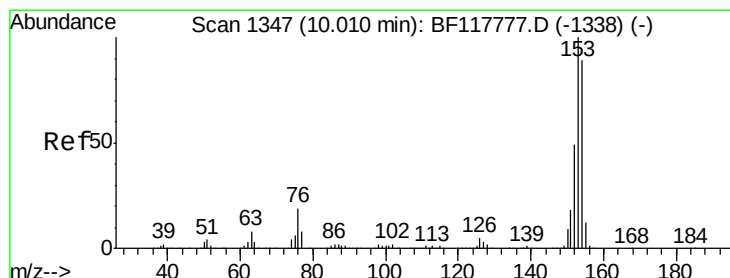
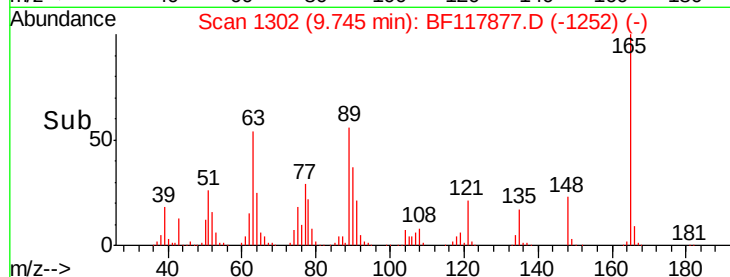
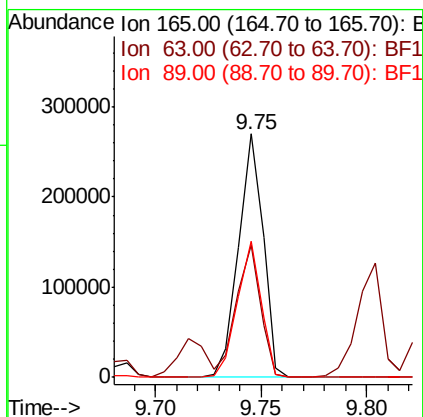
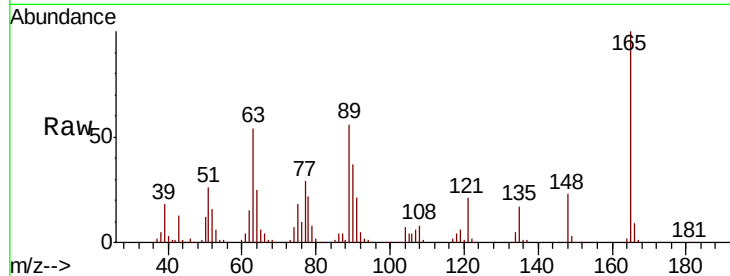
#51
 2,6-Dinitrotoluene
 Concen: 38.436 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.3	46.0	69.0
89	55.9	47.7	71.5

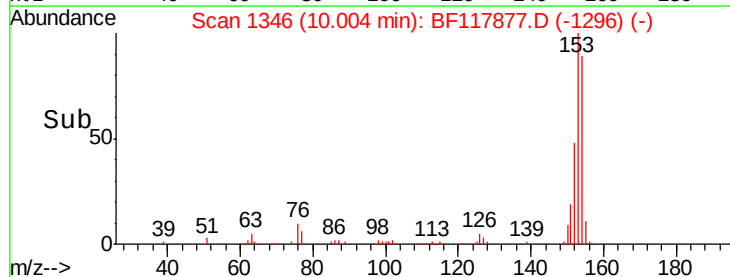
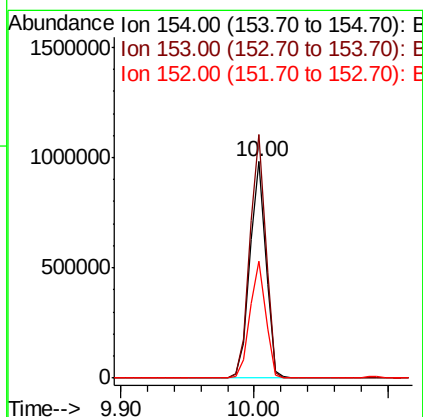
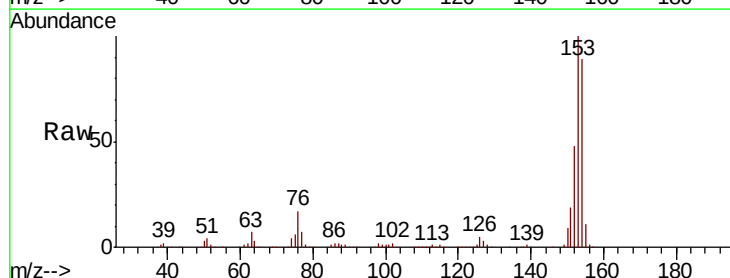
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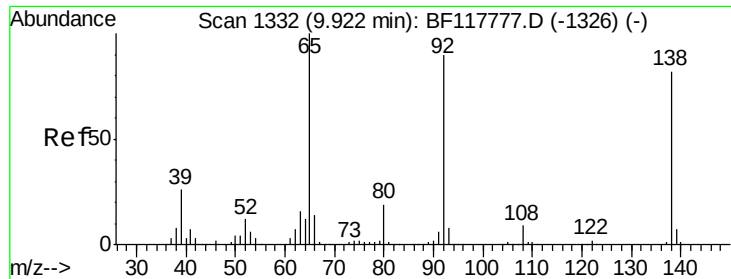
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#52
 Acenaphthene
 Concen: 37.859 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	90.1	135.1
152	54.2	44.0	66.0





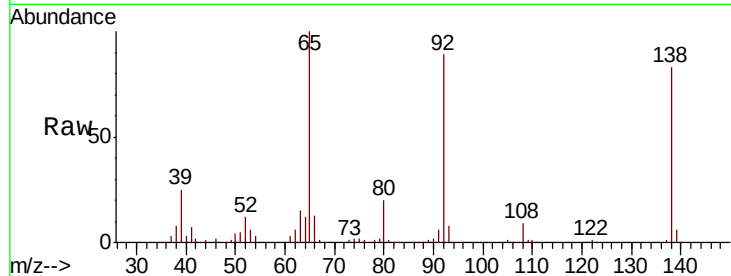
#53
3-Nitroaniline
Concen: 42.358 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	107.2	87.9	131.9

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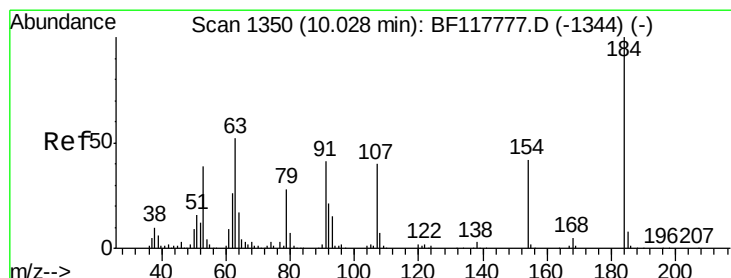
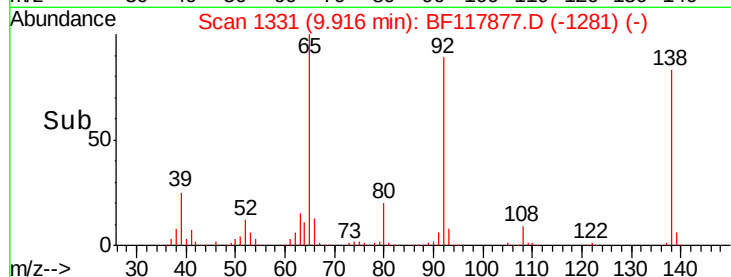
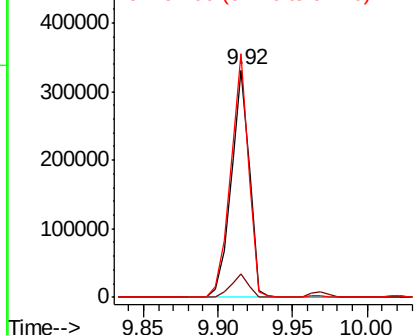


Abundance

Ion 138.00 (137.70 to 138.70): E

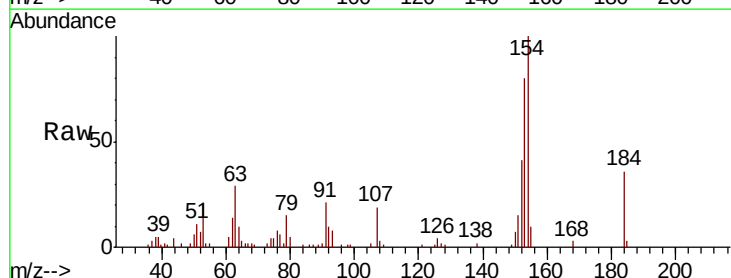
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 10.678 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.2	43.0	64.6#
154	275.0	48.0	72.0#

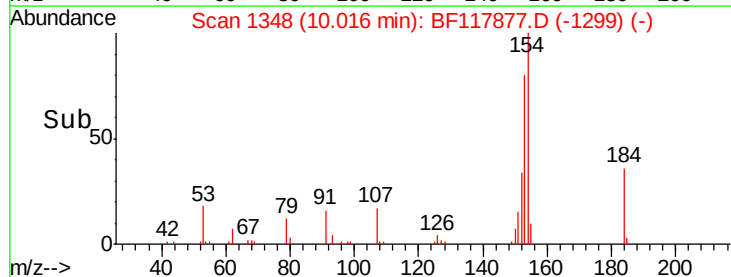
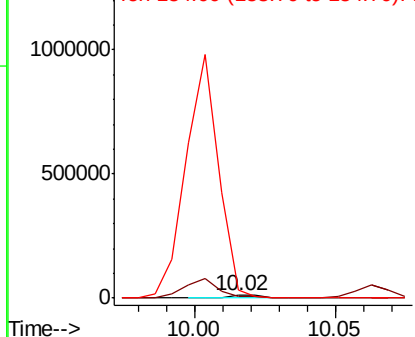


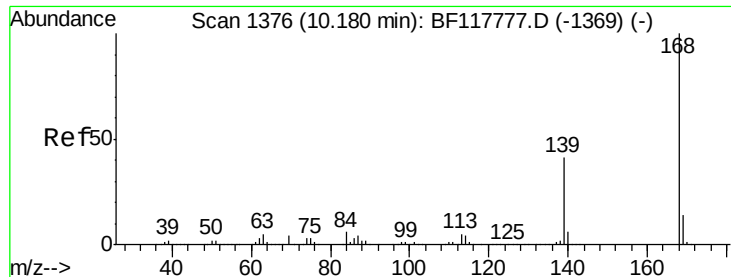
Abundance

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





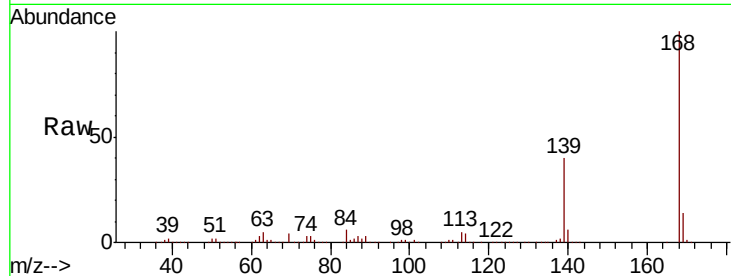
#55
Dibenzofuran
Concen: 39.881 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	33.0	49.6
169	13.6	11.5	17.3

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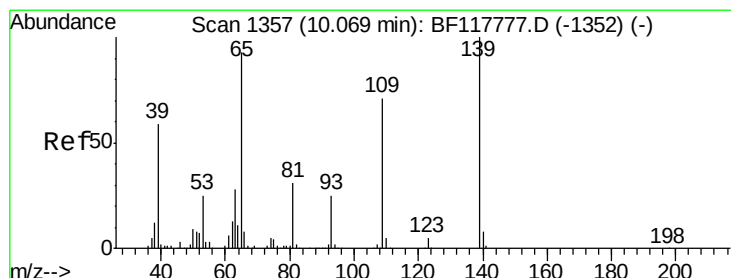
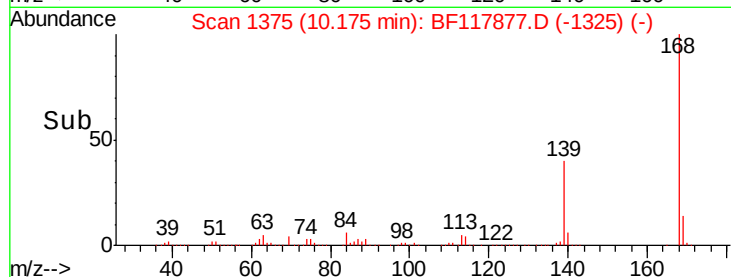
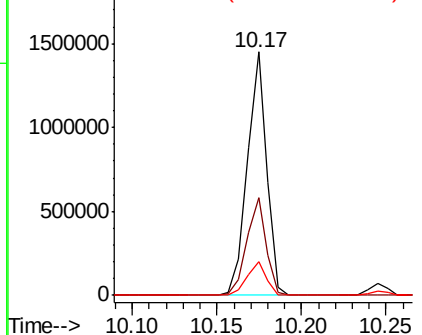


Abundance

Ion 168.00 (167.70 to 168.70): E

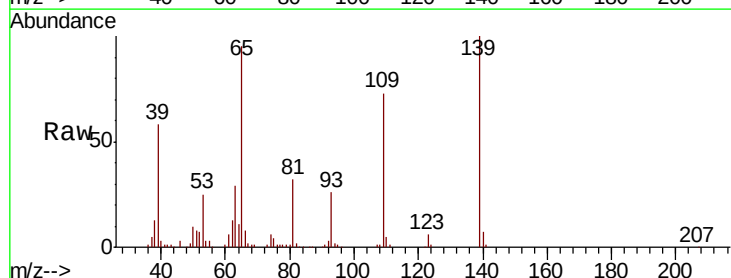
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 33.920 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	50.8	90.8
65	94.8	73.6	113.6

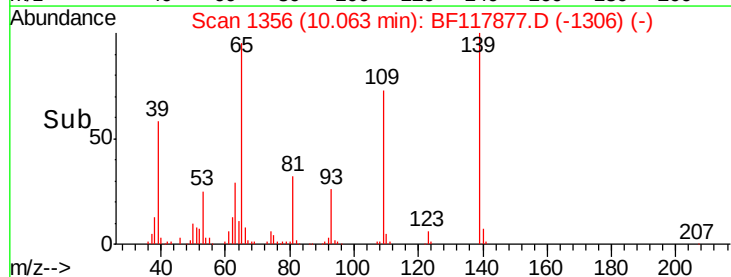
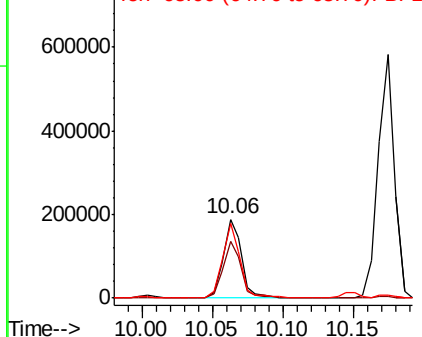


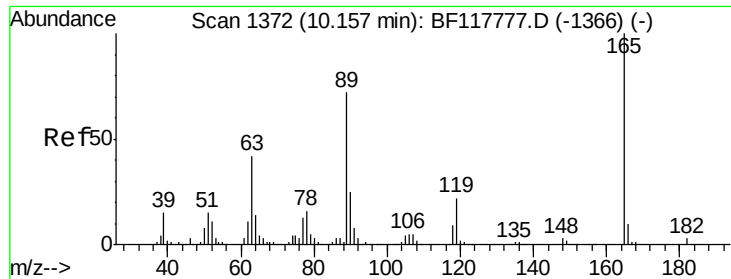
Abundance

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





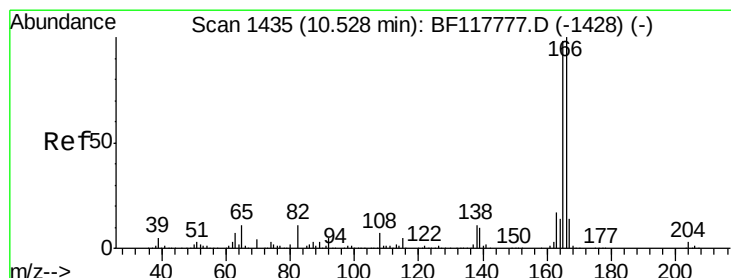
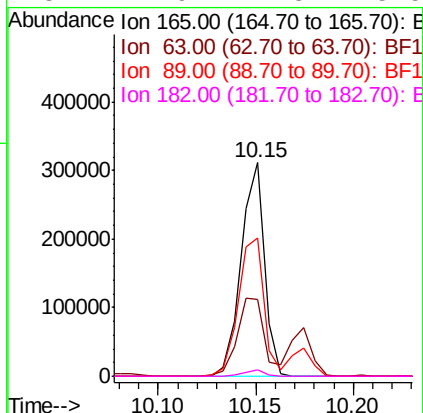
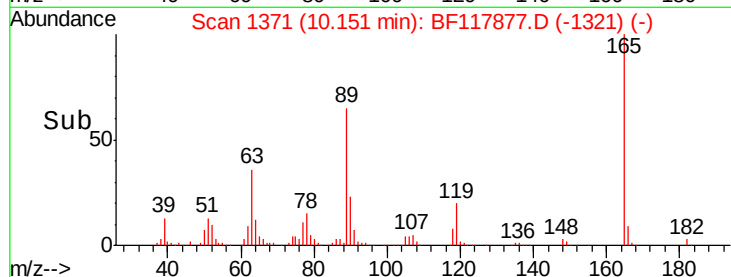
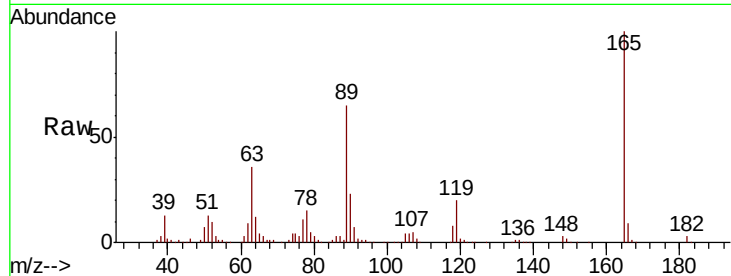
#57
2,4-Dinitrotoluene
Concen: 35.859 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		257938		
63	35.9		33.7	50.5	
89	65.0		57.3	85.9	
182	2.9		2.3	3.5	

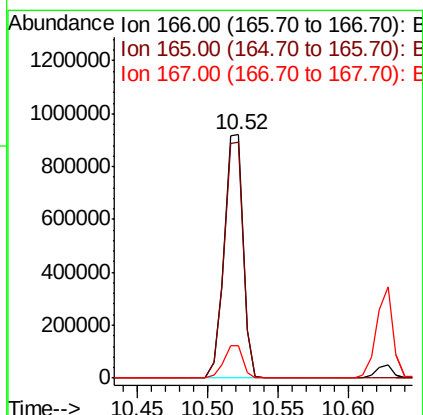
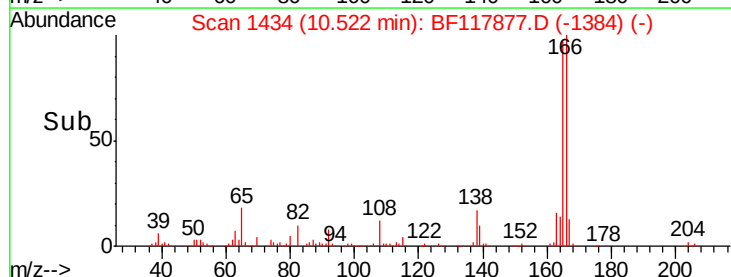
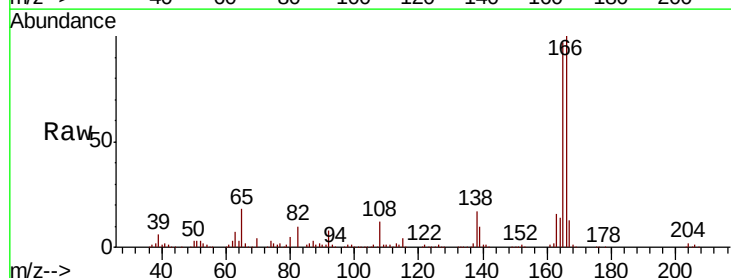
Manual Integrations
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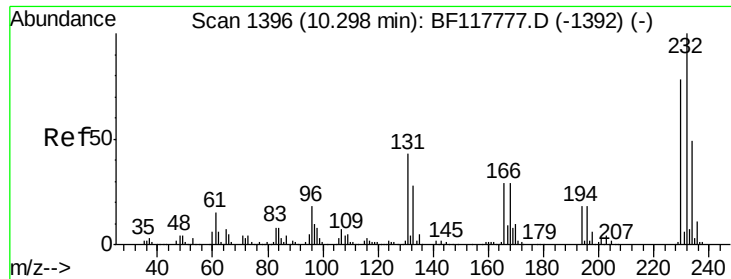
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#58
Fluorene
Concen: 38.188 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		861867		
165	96.7		78.4	117.6	
167	13.2		11.0	16.4	





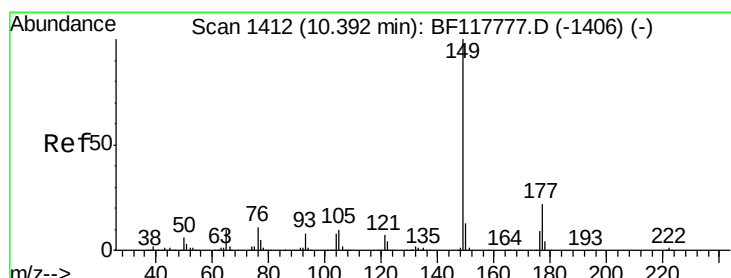
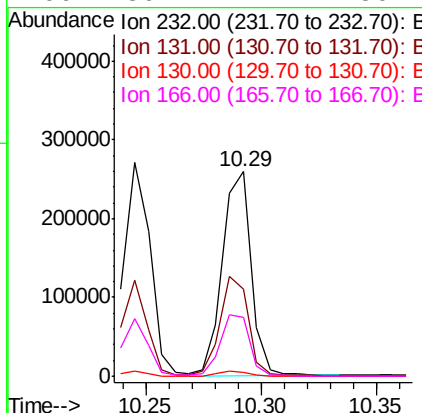
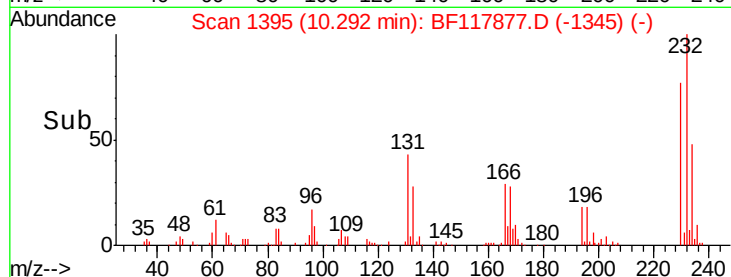
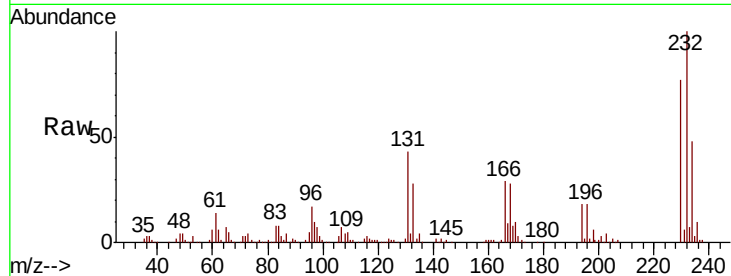
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.335 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	37.6	56.4
130	2.4	1.9	2.9
166	30.7	24.2	36.4

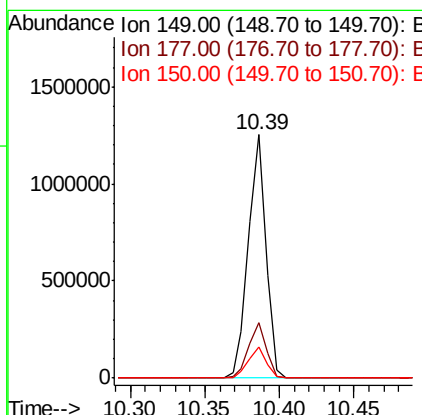
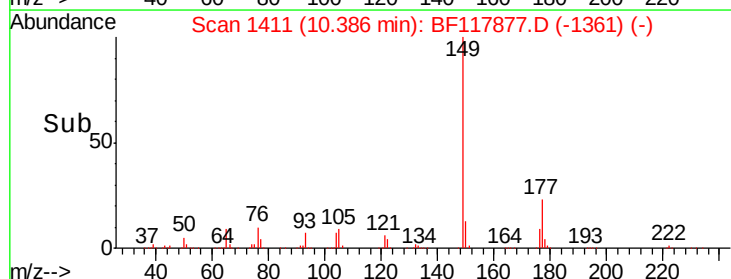
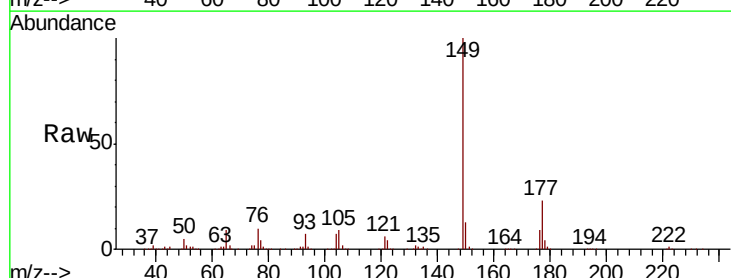
Manual Integrations
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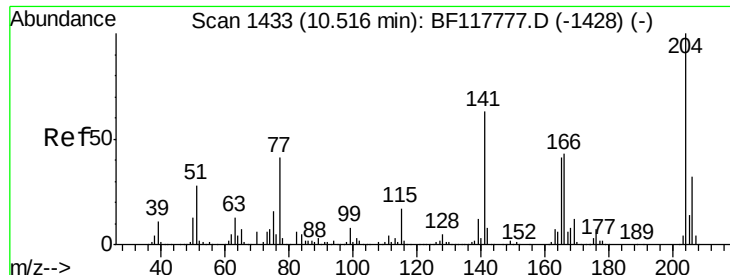
mohammad
11/20/2019 1:49:57 PM



#60
Diethylphthalate
Concen: 40.780 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.9	10.5	15.7





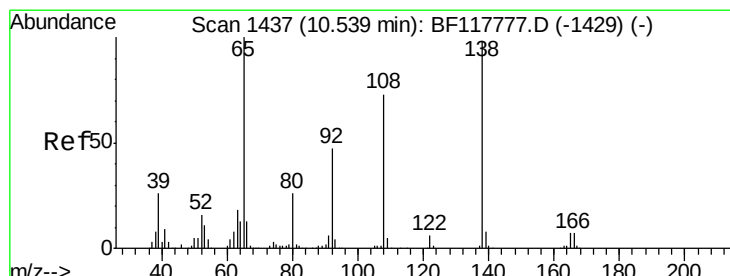
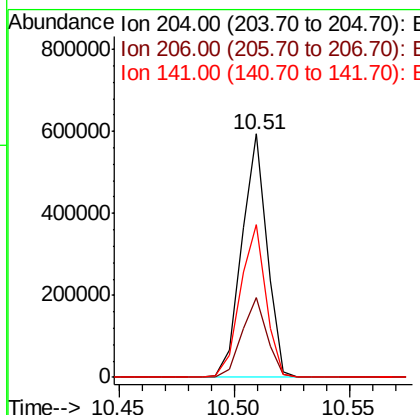
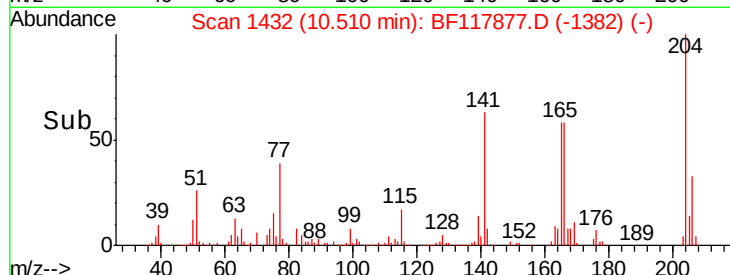
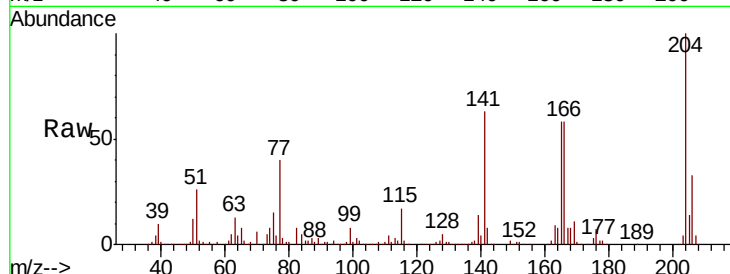
#61
4-Chlorophenyl-phenylether
Concen: 39.559 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.6	38.4
141	62.7	50.7	76.1

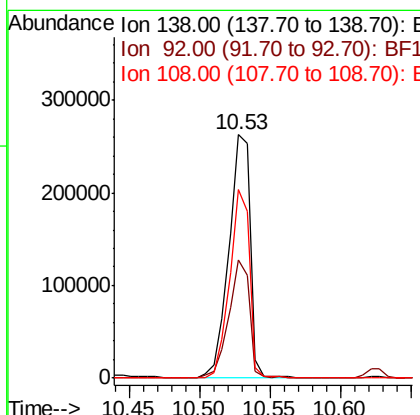
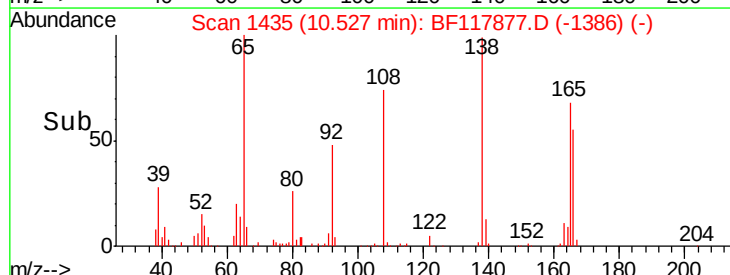
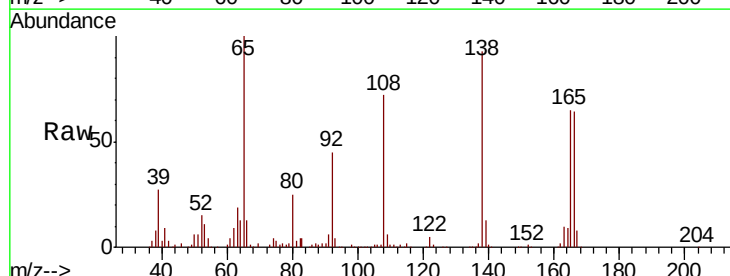
Manual Integrations
APPROVED

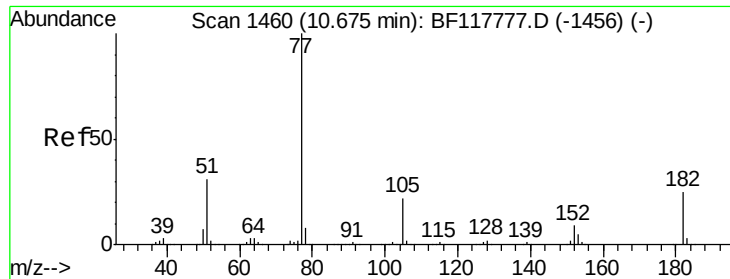
mohammad
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#62
4-Nitroaniline
Concen: 40.718 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	28.3	68.3
108	77.6	54.3	94.3





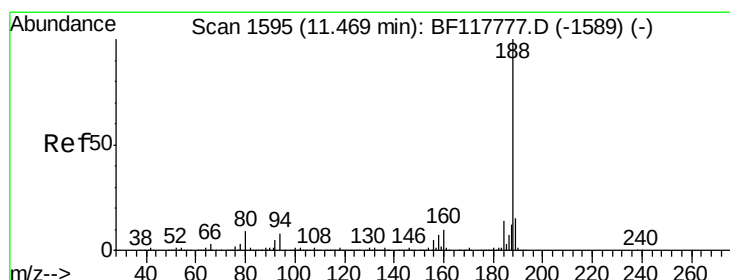
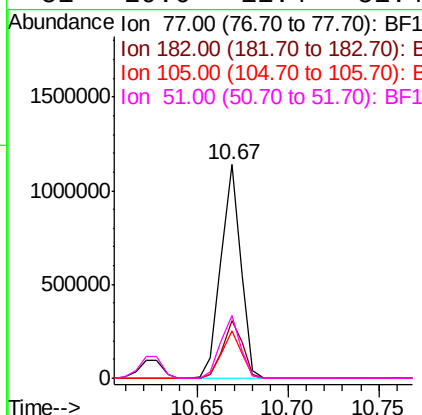
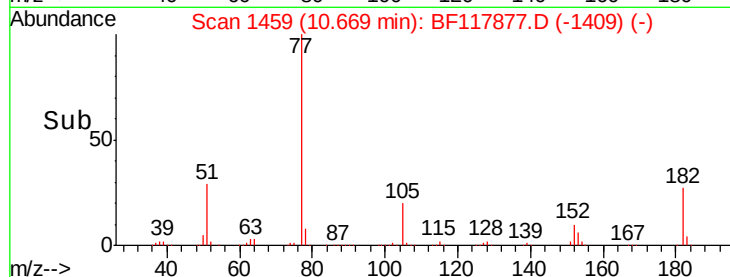
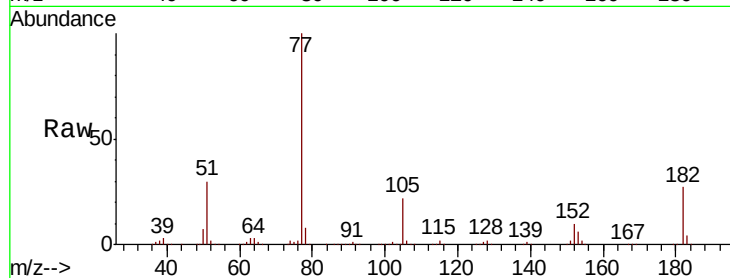
#63
Azobenzene
Concen: 37.741 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		866112		
182	27.0	4.8	44.8		
105	22.4	2.1	42.1		
51	29.6	11.4	51.4		

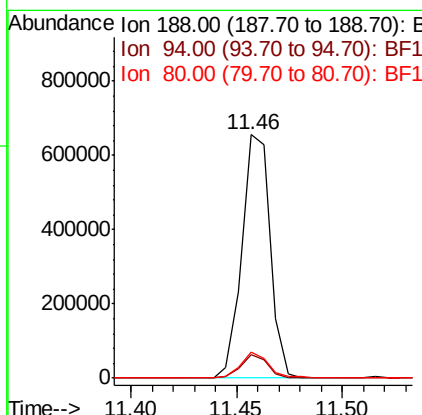
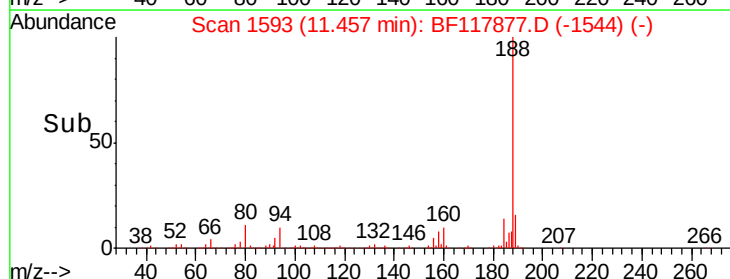
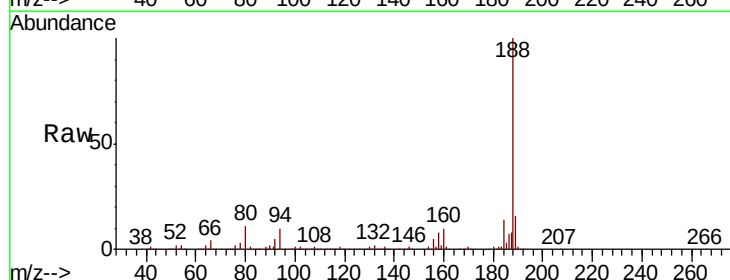
Manual Integrations
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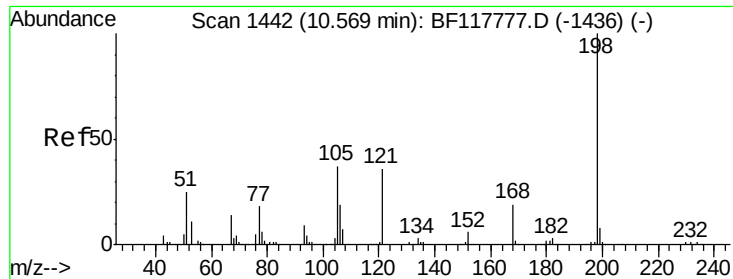
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		608245		
94	9.8	6.6	10.0		
80	10.9	7.2	10.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 7.647 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

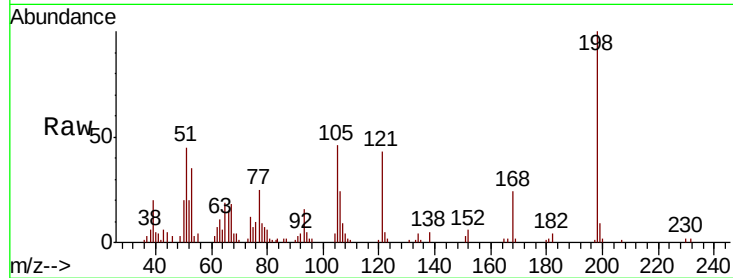
ClientSampleId :

SSTDCCC040

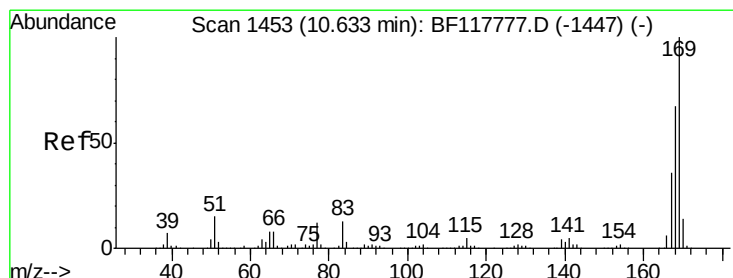
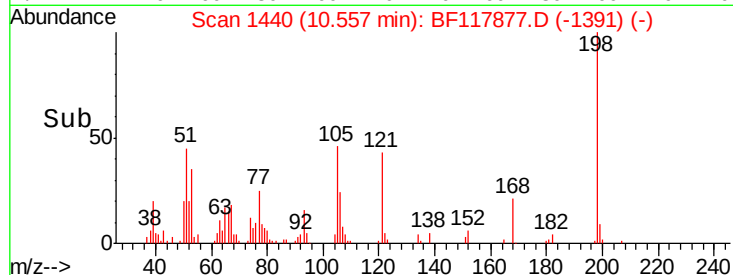
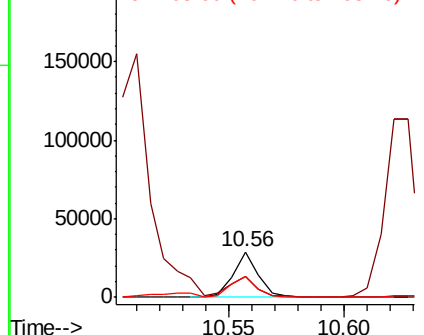
Tot Ion:	198	Resp:	21714
Ion Ratio	Lower	Upper	
198	100		
51	45.1	16.0	56.0
105	46.0	19.1	59.1

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.469 ng

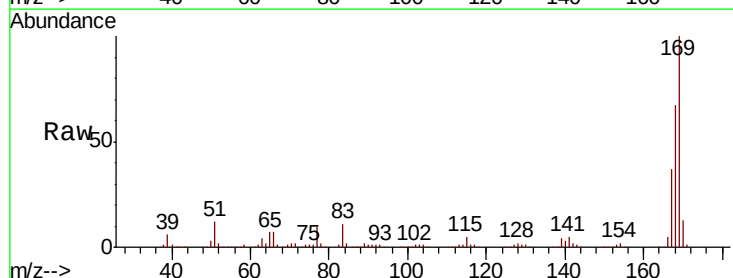
RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

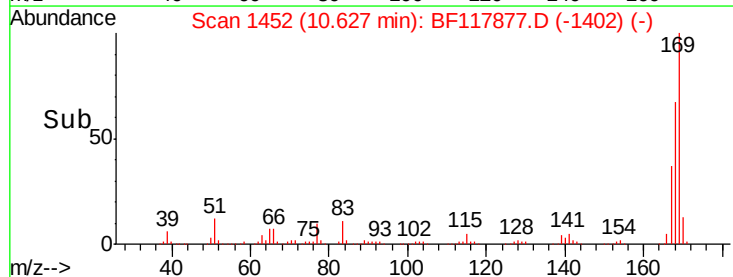
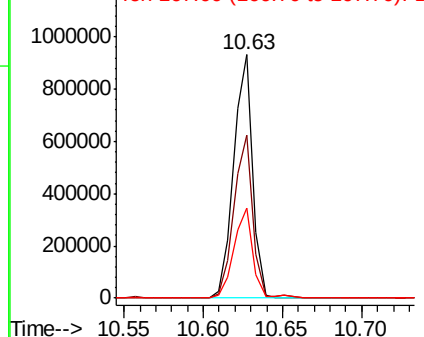
Lab File: BF117877.D

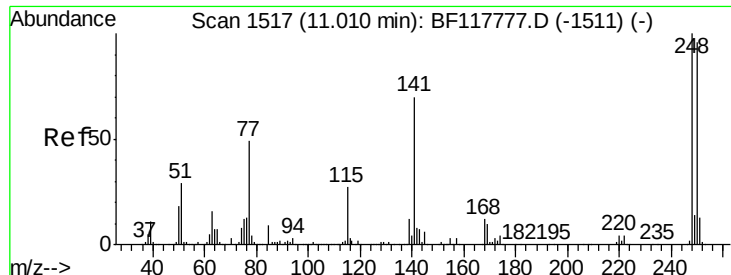
Acq: 20 Nov 2019 2:32

Tgt Ion:	169	Resp:	769474
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.5	80.3
167	36.8	29.0	43.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.679 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

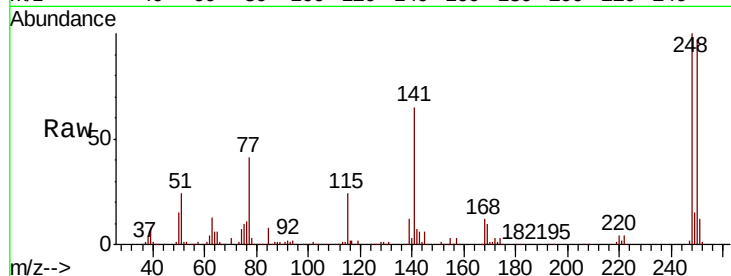
ClientSampleId :

SSTDCCC040

Tot Ion:	248	Resp:	273533
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.6	115.0
141	64.9	55.9	83.9

Manual Integrations
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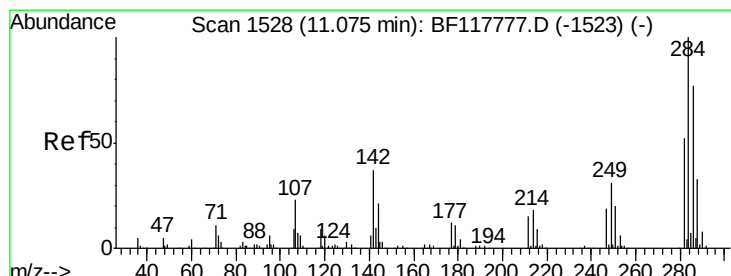
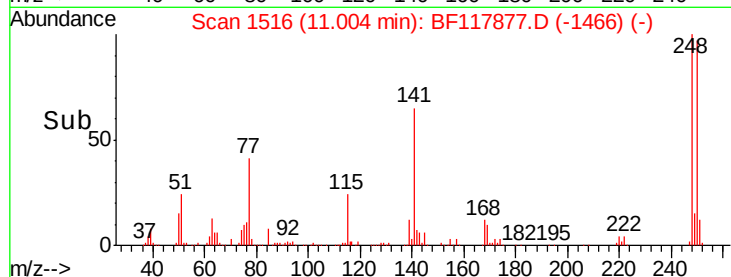
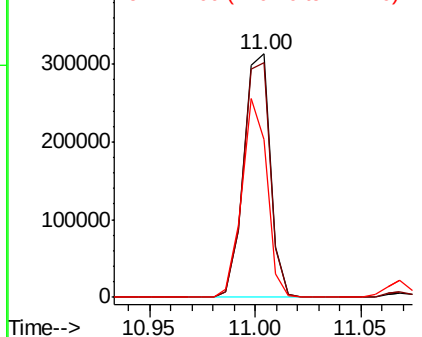


Abundance

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: 39.900 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

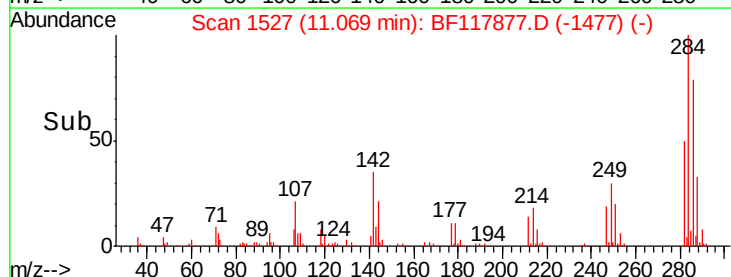
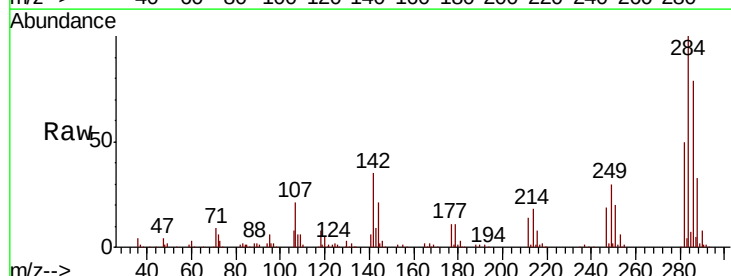
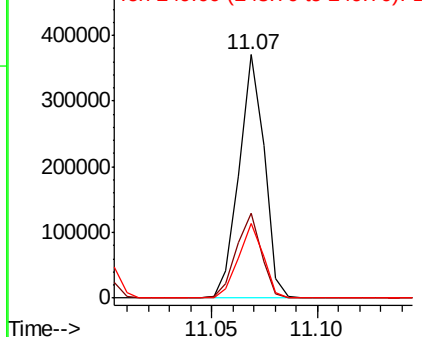
Tgt Ion:	284	Resp:	305342
Ion Ratio	Lower	Upper	
284	100		
142	34.9	29.4	44.2
249	30.4	24.6	37.0

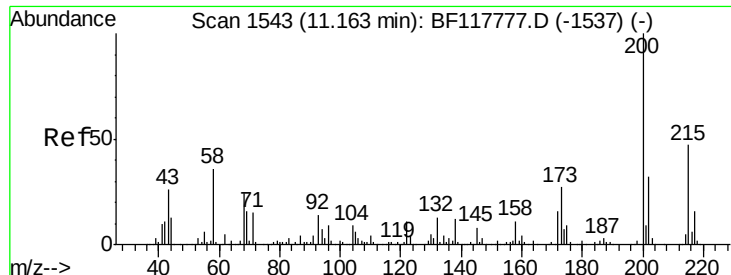
Abundance

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





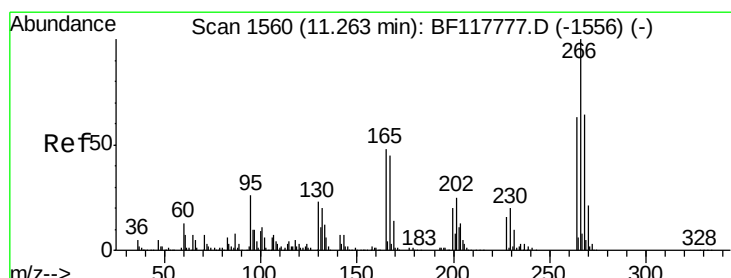
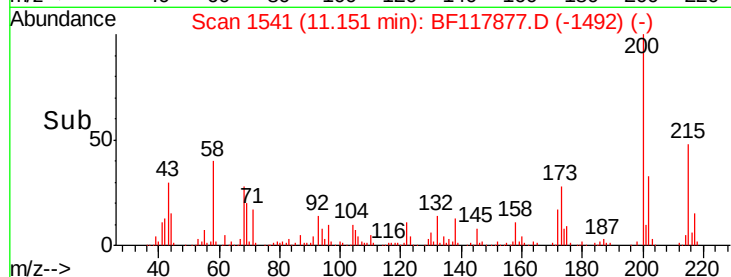
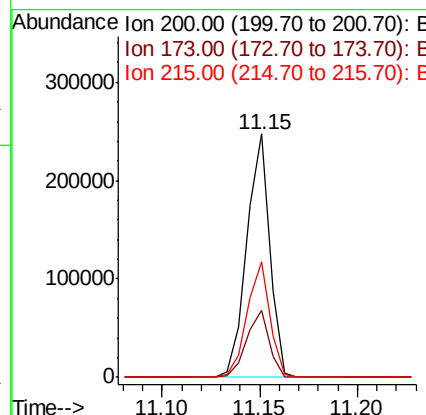
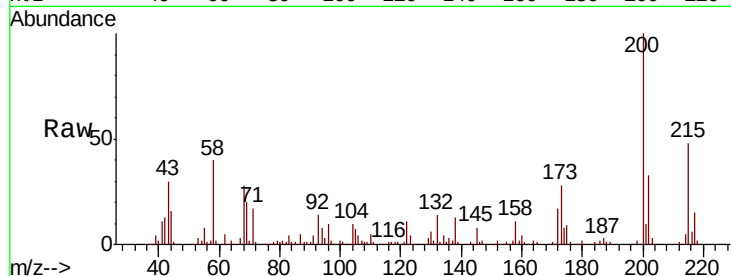
#69
Atrazine
Concen: 34.795 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	6.7	46.7
215	47.7	27.5	67.5

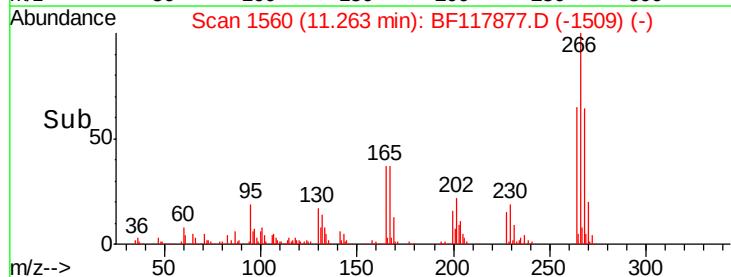
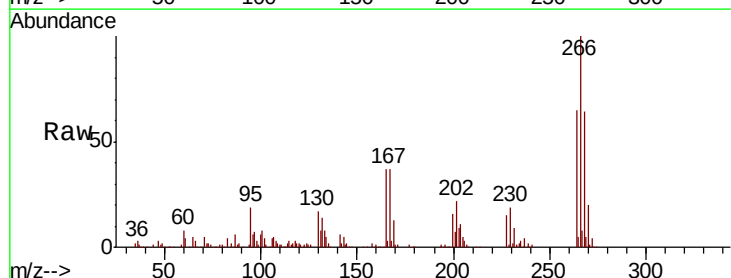
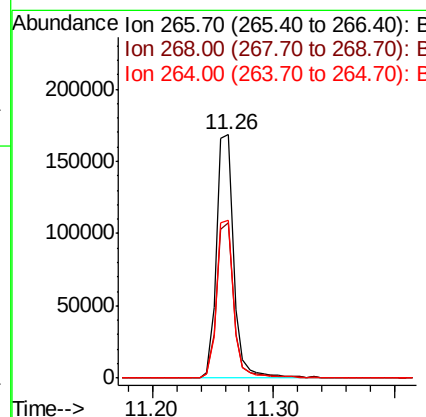
Manual Integrations
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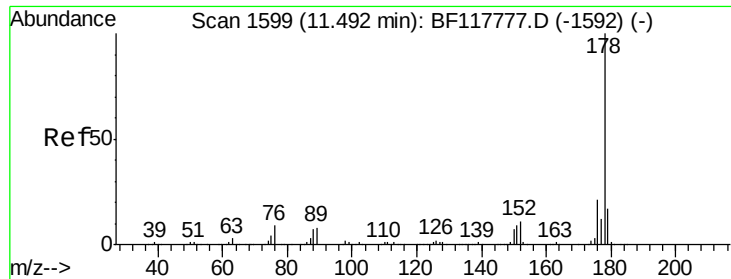
mohammad
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#70
Pentachlorophenol
Concen: 37.098 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	50.8	76.2
264	64.6	50.7	76.1





#71

Phenanthrene

Concen: 41.009 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1254079

Ion Ratio Lower Upper

178 100

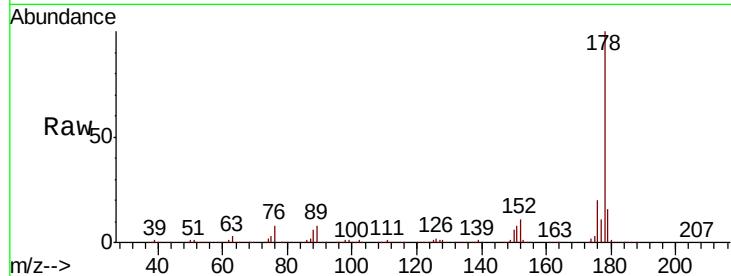
176 19.8 16.6 25.0

179 15.8 13.2 19.8

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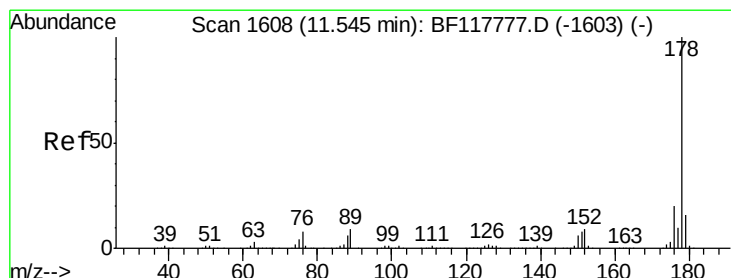
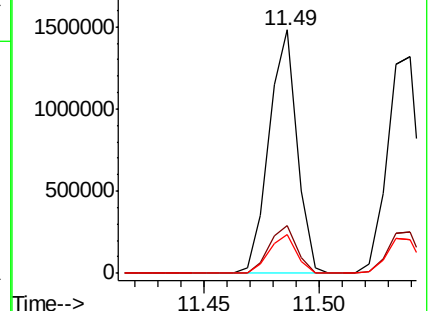
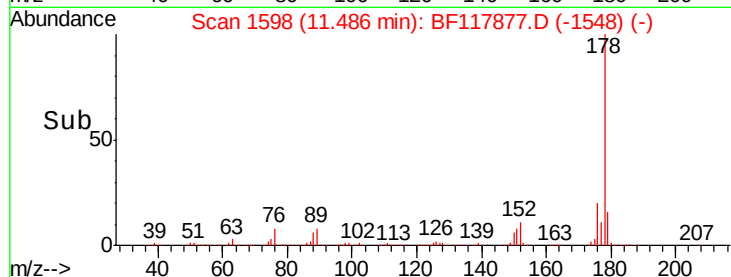
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.835 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

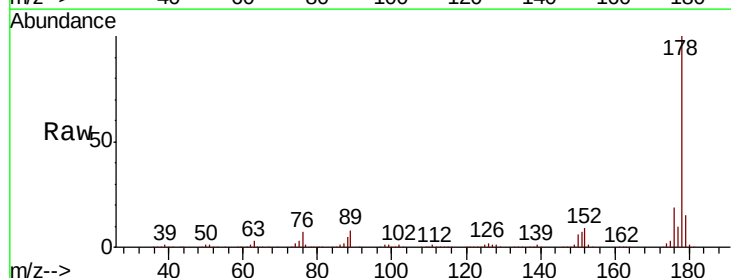
Tgt Ion:178 Resp: 1238122

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

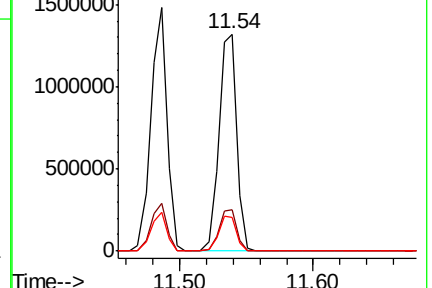
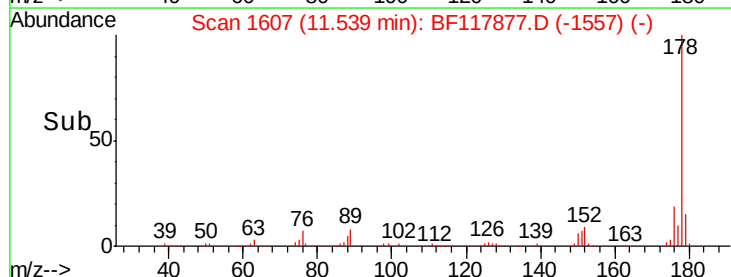
179 15.4 13.0 19.4

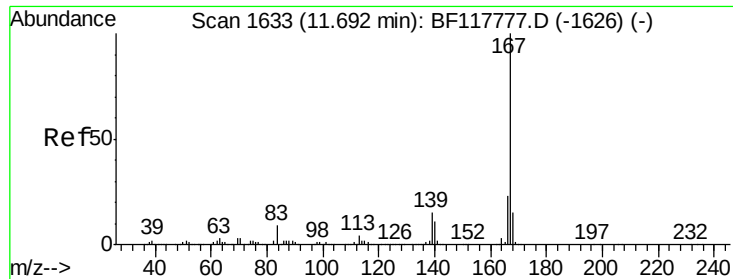


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





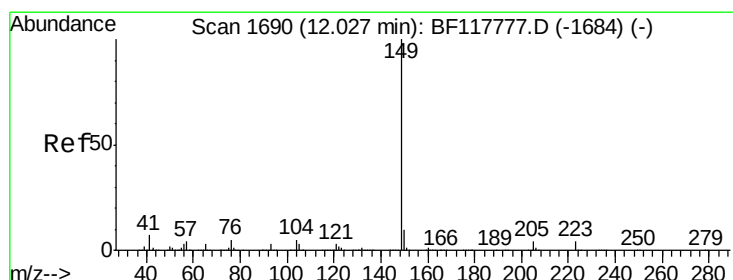
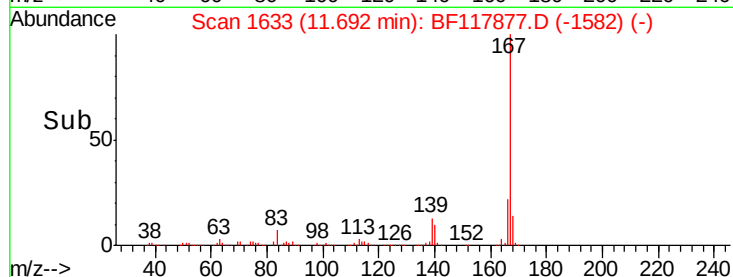
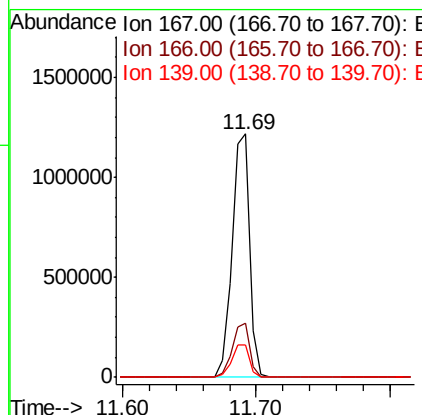
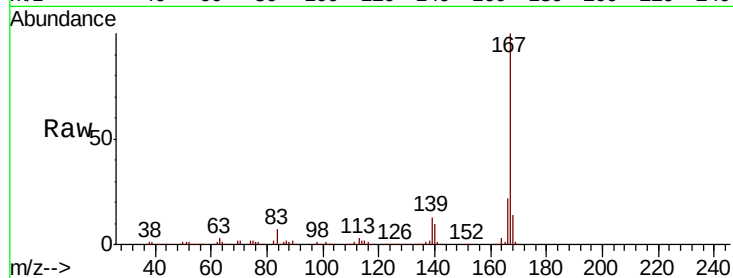
#73
 Carbazole
 Concen: 42.689 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1131046
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 13.1 11.7 17.5

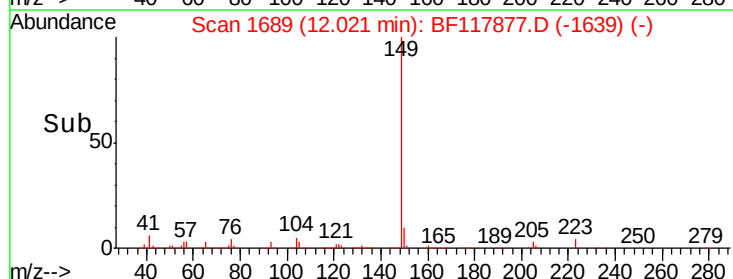
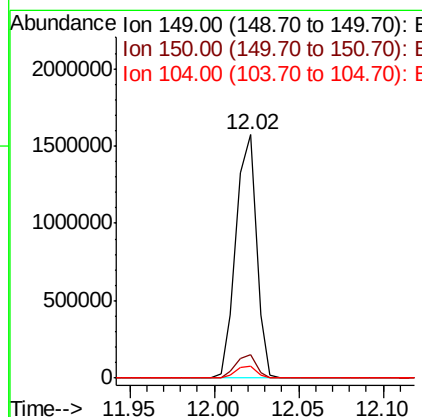
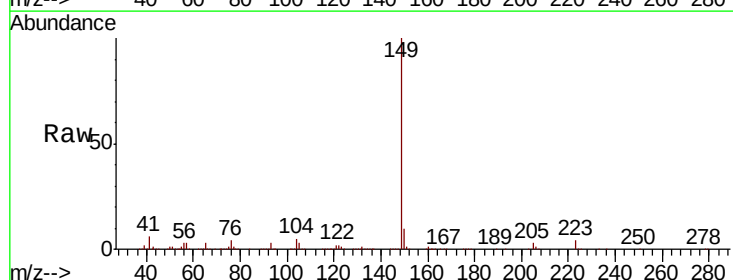
Manual Integrations
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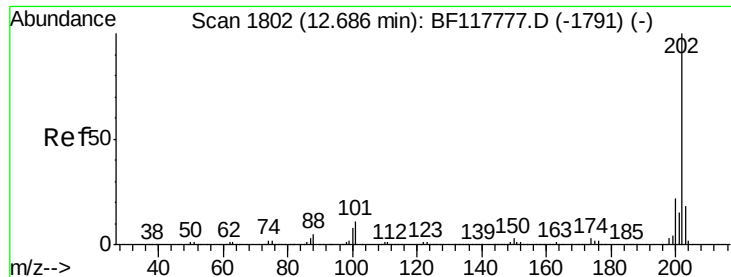
mohammad
 11/20/2019 1:49:57 PM



#74
 Di-n-butylphthalate
 Concen: 40.320 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion:149 Resp: 1330104
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 4.9 4.2 6.4





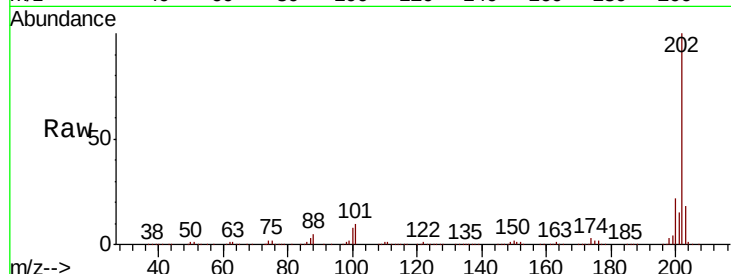
#75
Fluoranthene
Concen: 47.267 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

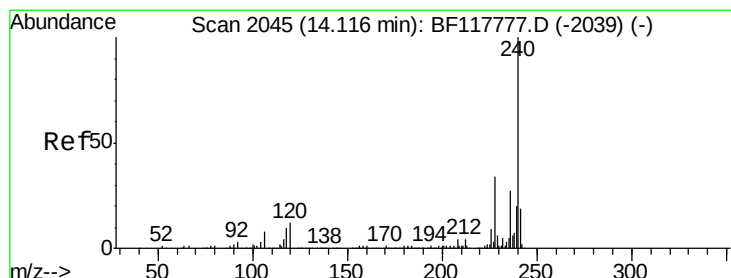
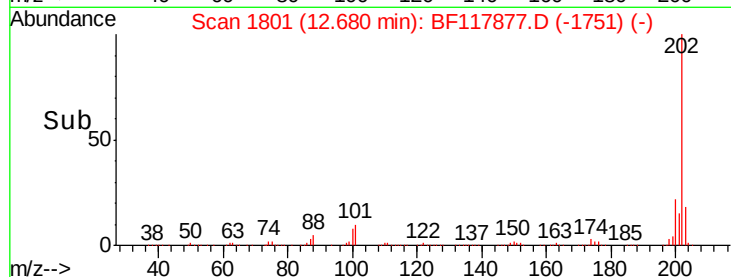
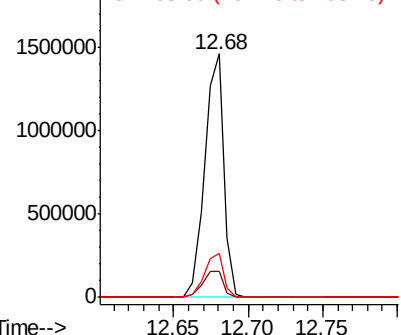
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.1
203	17.9	0.0	38.2

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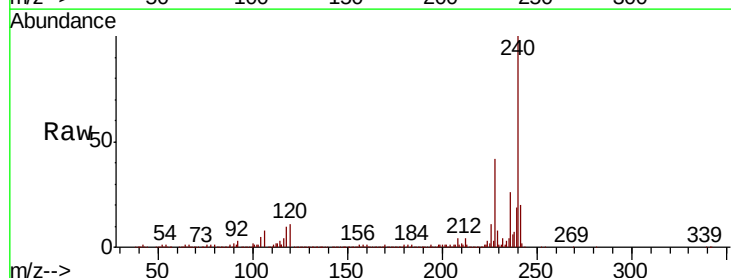


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

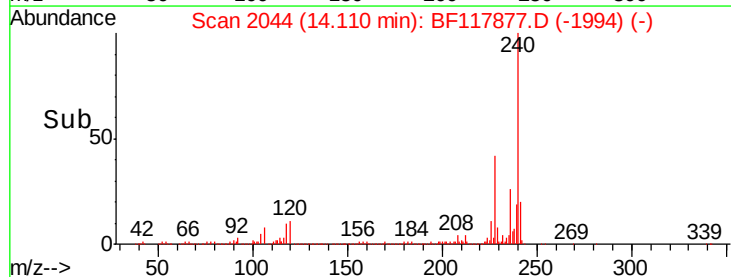
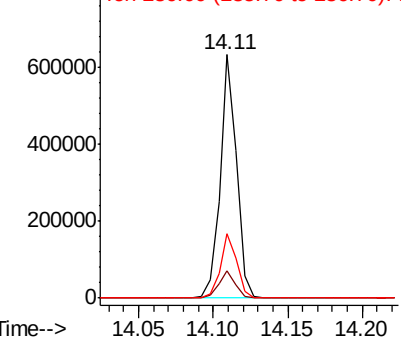


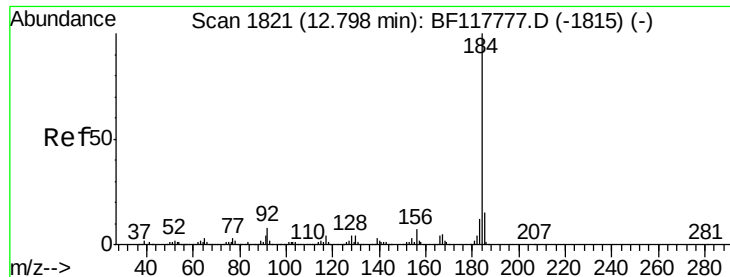
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.4	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.259 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 677185

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

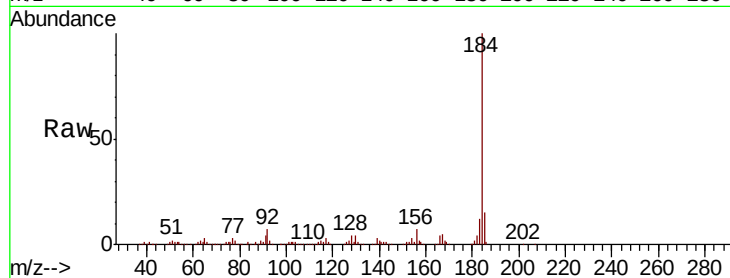
183 11.9 9.5 14.3

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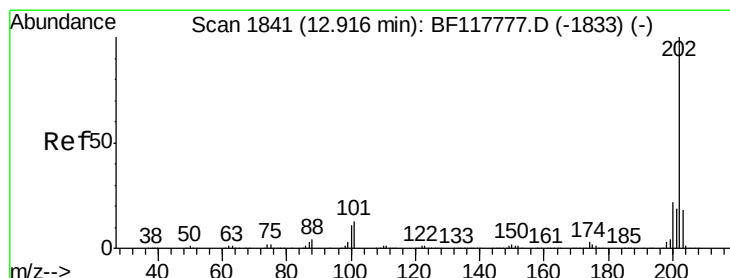
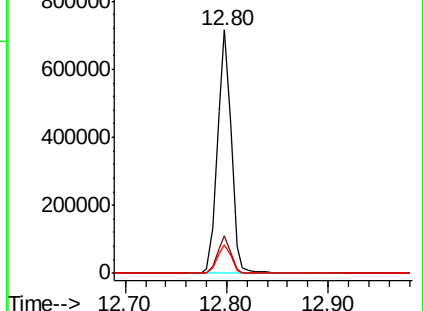
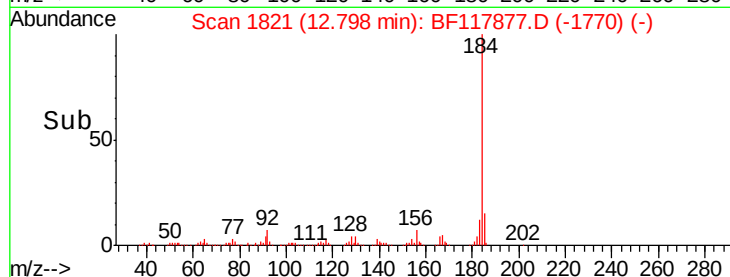
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.238 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

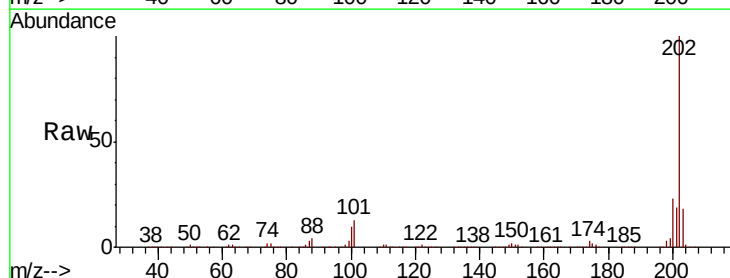
Tgt Ion:202 Resp: 1353630

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

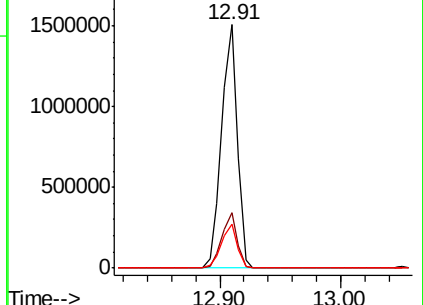
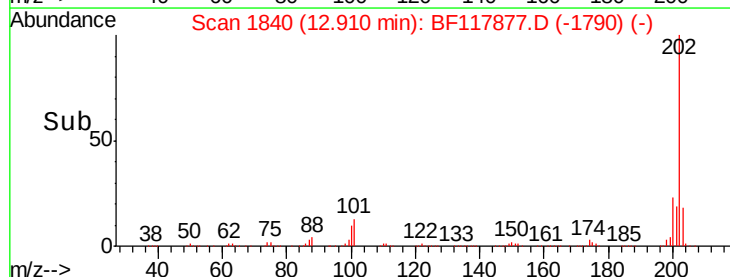
203 18.2 14.6 22.0

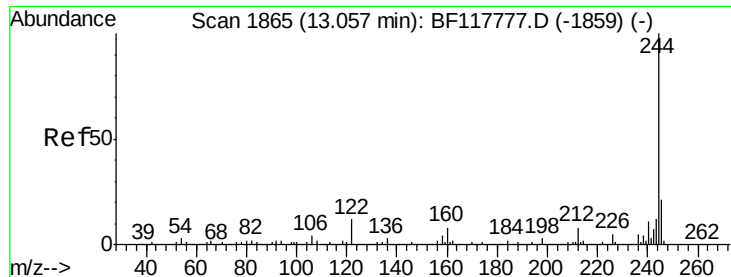


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





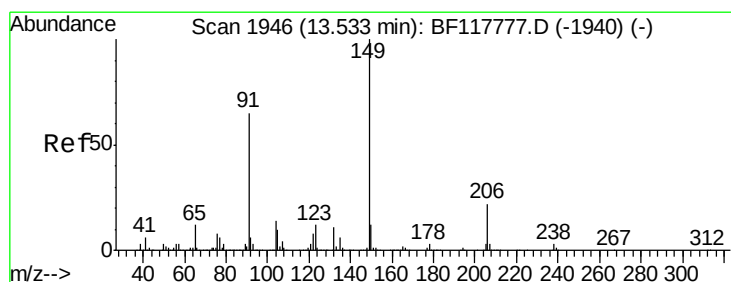
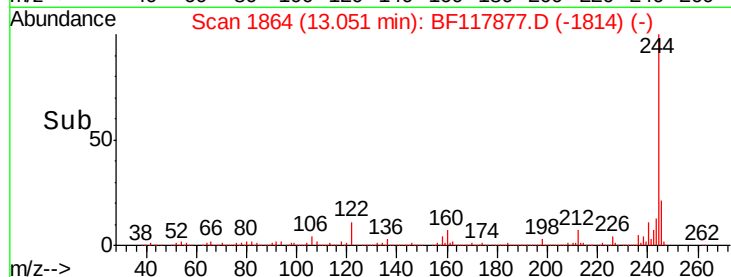
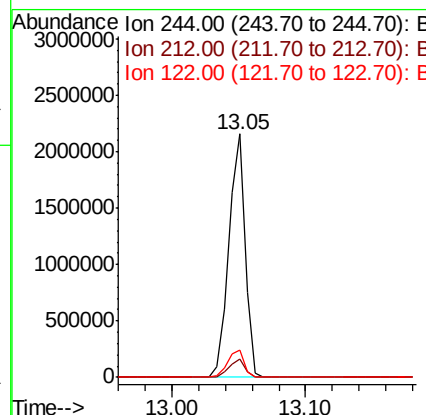
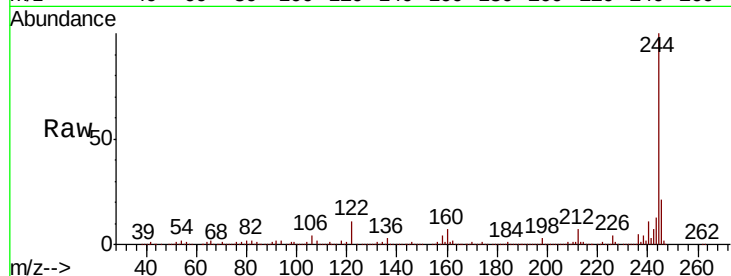
#79
 Terphenyl-d14
 Concen: 69.791 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.0	9.4	14.2

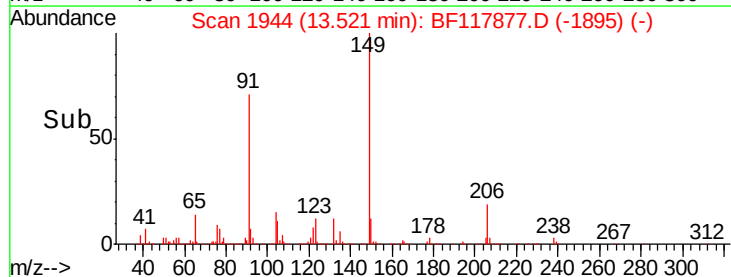
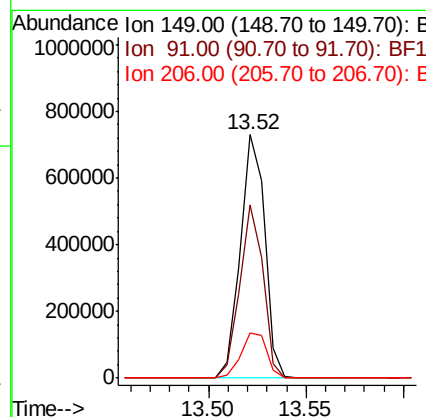
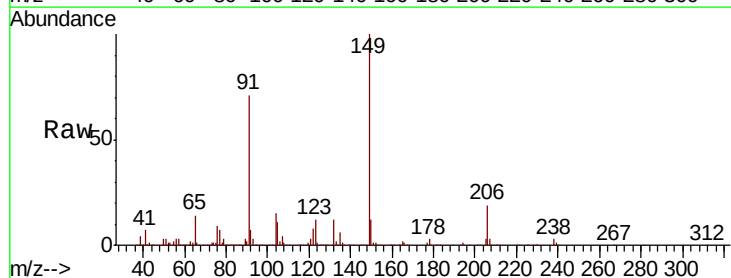
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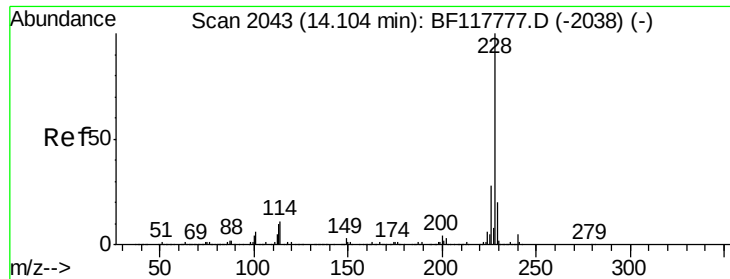
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#80
 Butylbenzylphthalate
 Concen: 37.303 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BF117877.D
 Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	51.9	77.9
206	18.8	17.2	25.8





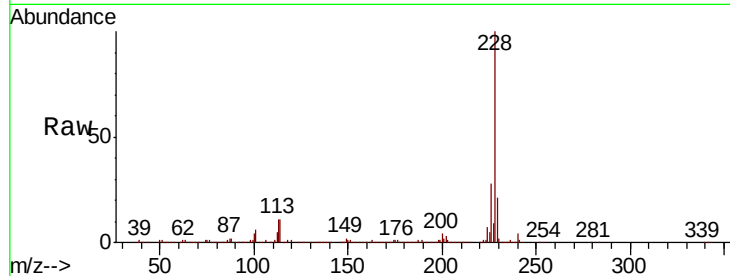
#81
Benzo(a)anthracene
Concen: 39.259 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.6	15.9	23.9

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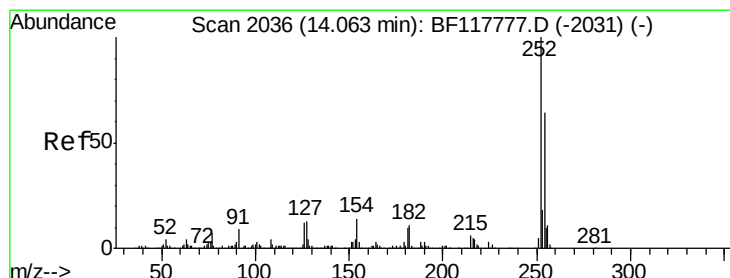
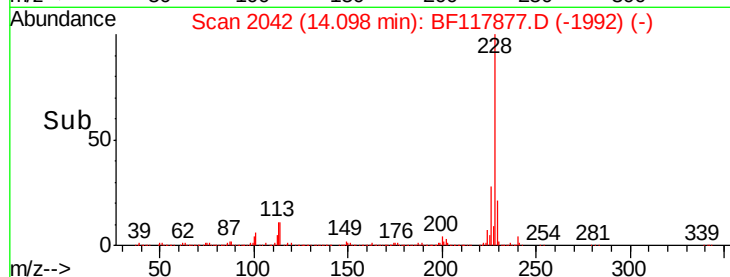
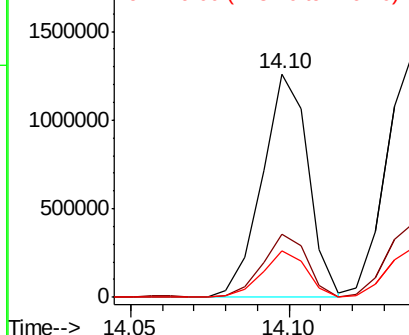


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 43.714 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

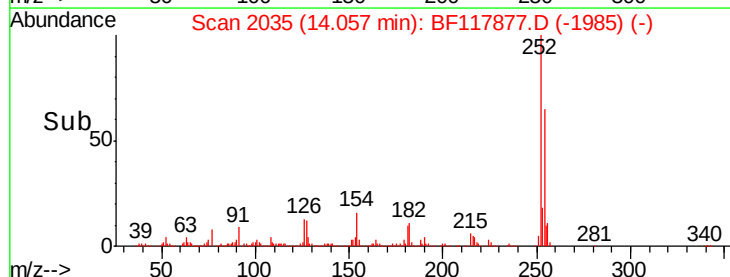
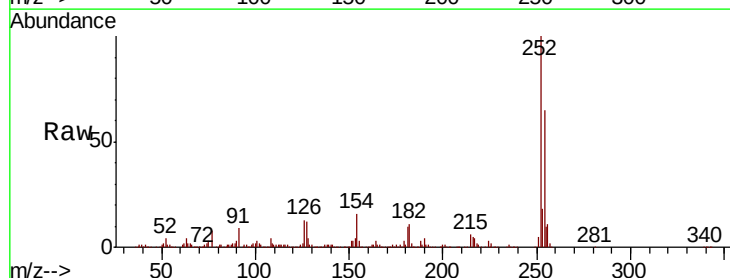
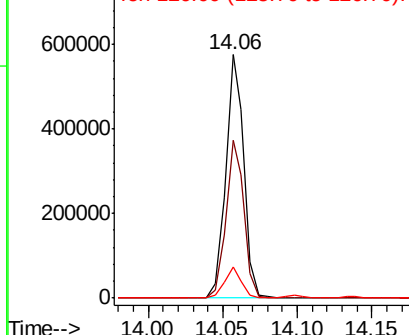
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.6
126	12.7	9.7	14.5

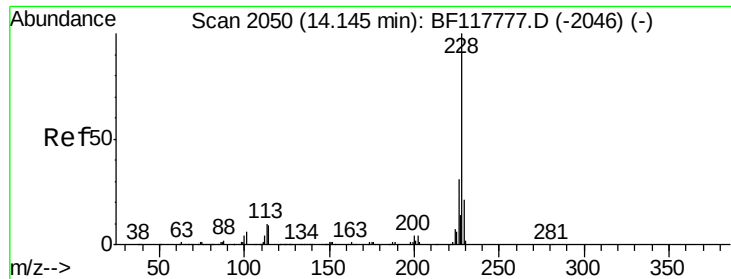
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





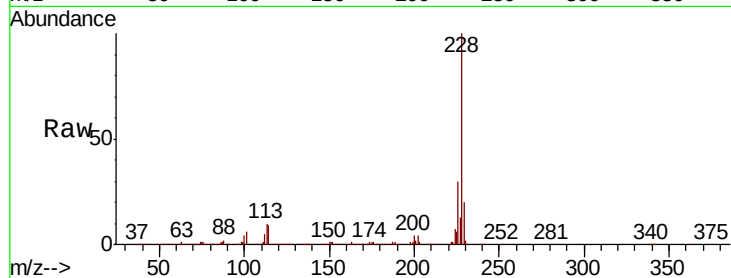
#83
Chrysene
Concen: 37.078 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

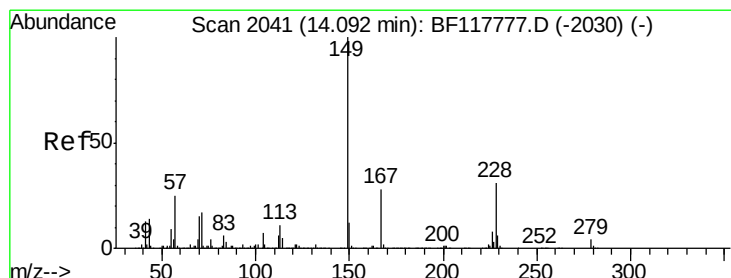
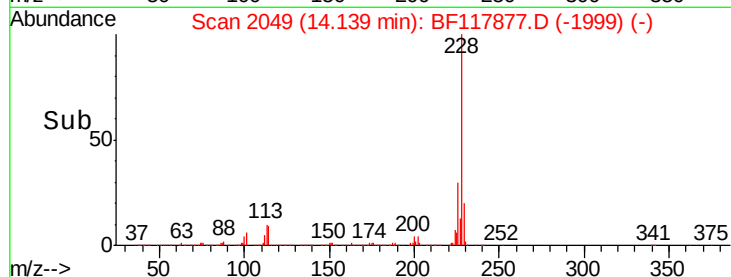
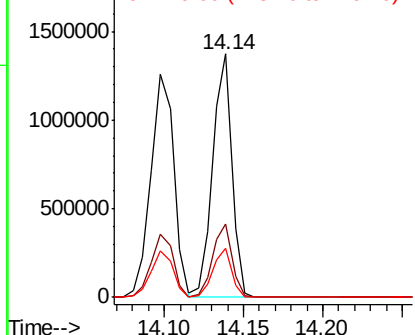
Tot Ion:228 Resp: 1161510
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.4
229 19.9 16.6 25.0

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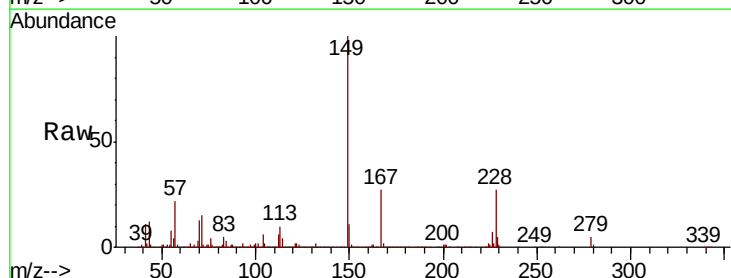


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

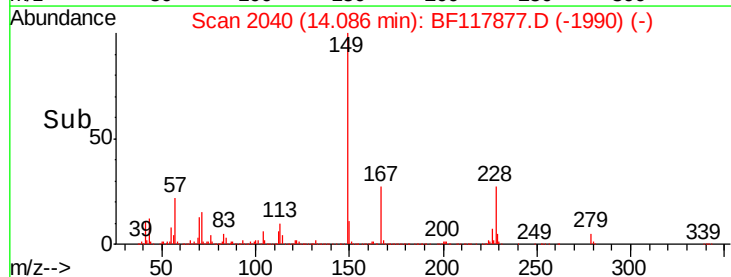
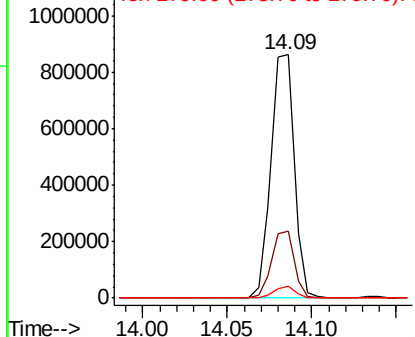


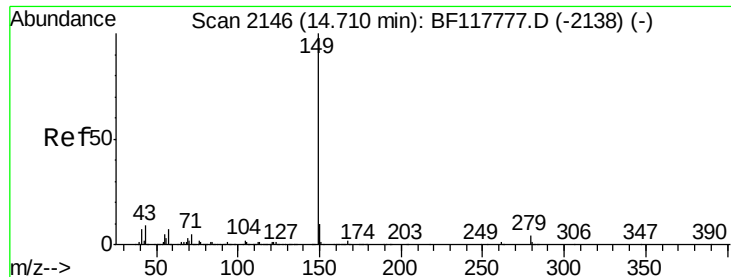
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.066 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion:149 Resp: 824821
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.2
279 4.8 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.129 ng

RT: 14.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BF117877.D

Acq: 20 Nov 2019 2:32

Instrument :

BNA_F

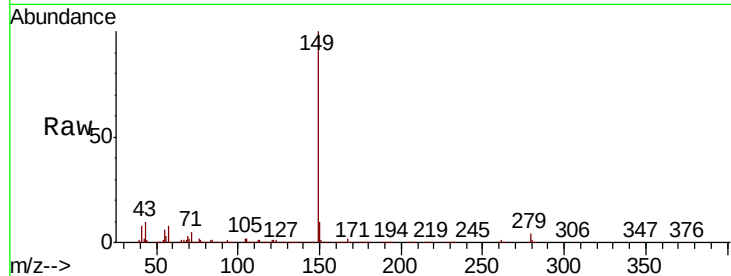
ClientSampleId :

SSTDCCC040

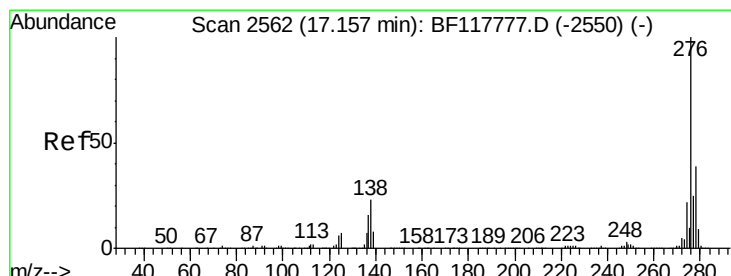
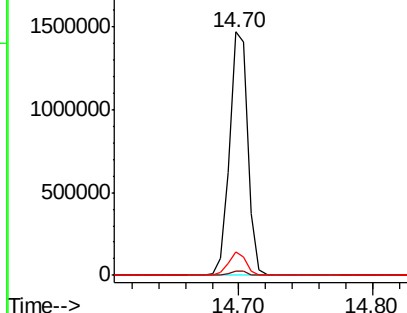
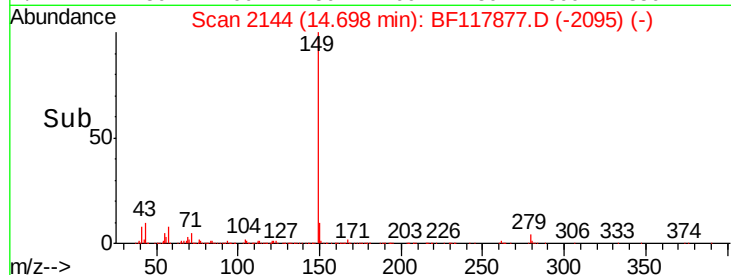
Tot Ion:	149	Resp:	1425363
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.4	11.2

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
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: 34.890 ng

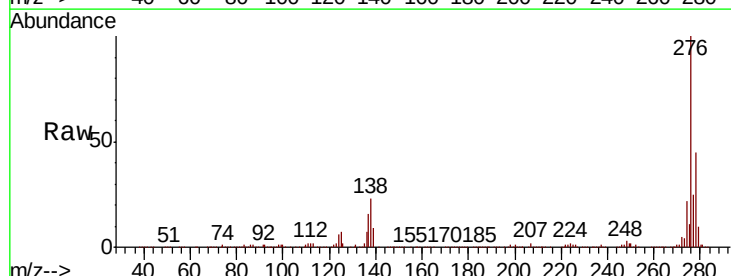
RT: 17.15 min Scan# 2561

Delta R.T. -0.01 min

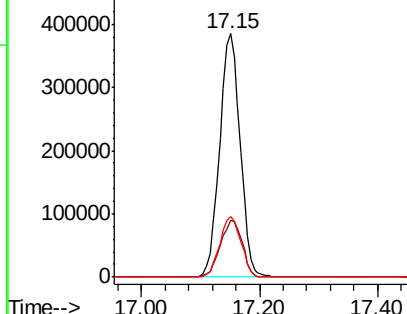
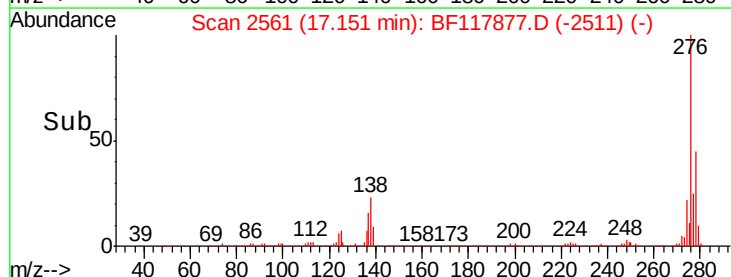
Lab File: BF117877.D

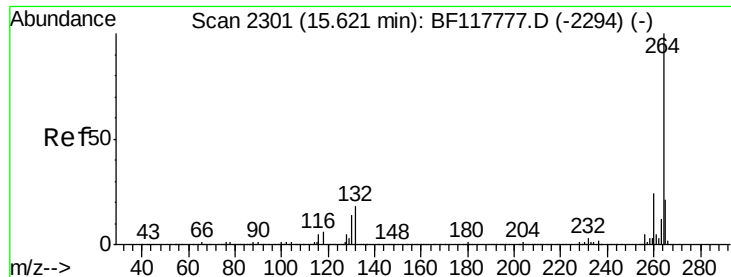
Acq: 20 Nov 2019 2:32

Tgt Ion:	276	Resp:	930205
Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.9	31.3
277	25.8	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





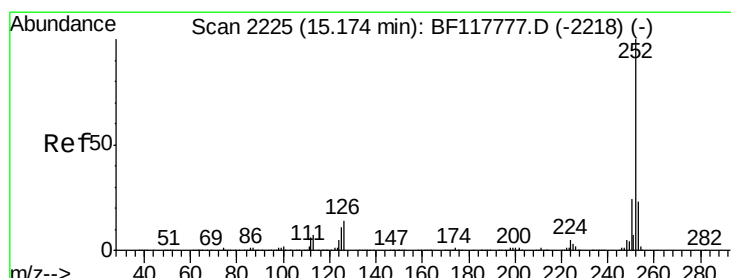
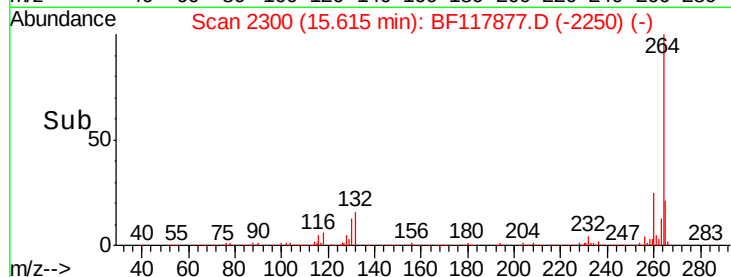
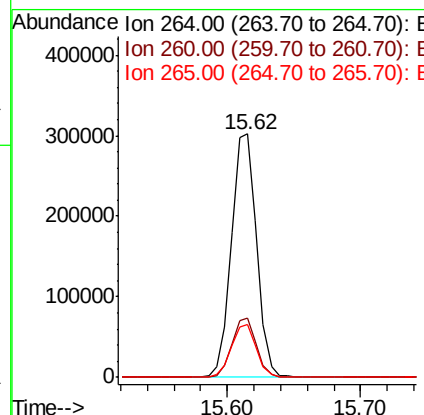
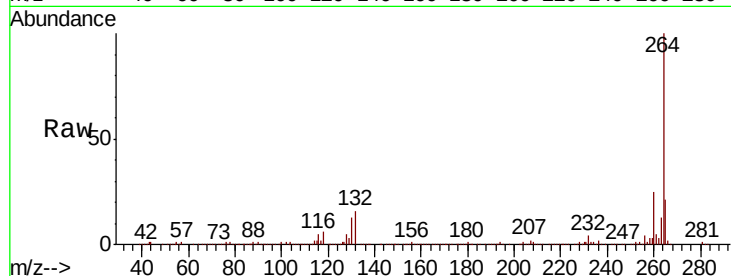
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.5	17.1	25.7

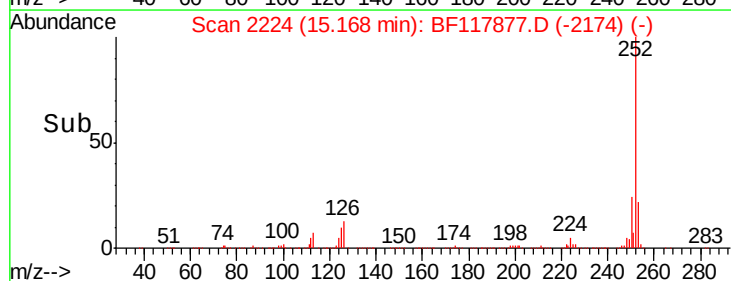
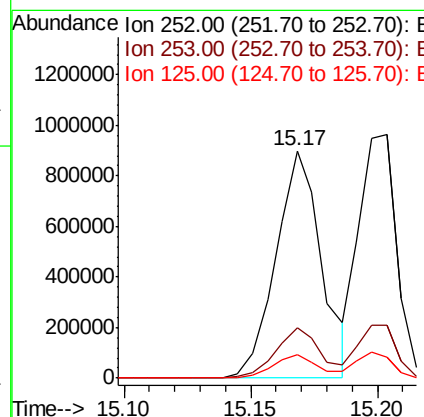
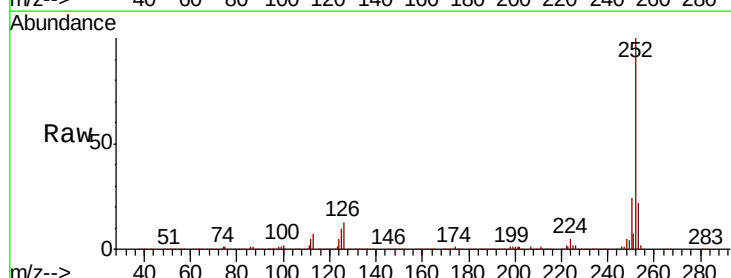
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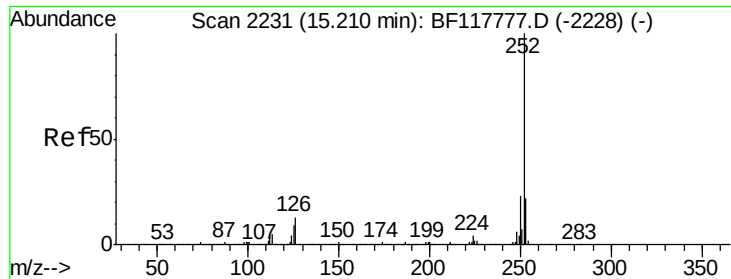
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#88
Benzo(b)fluoranthene
Concen: 43.208 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.3	8.6	13.0





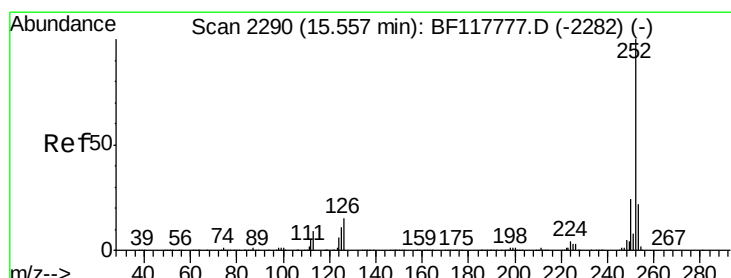
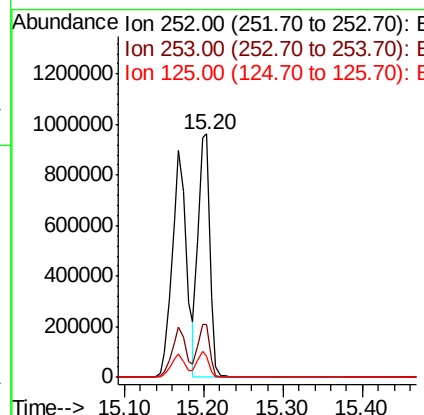
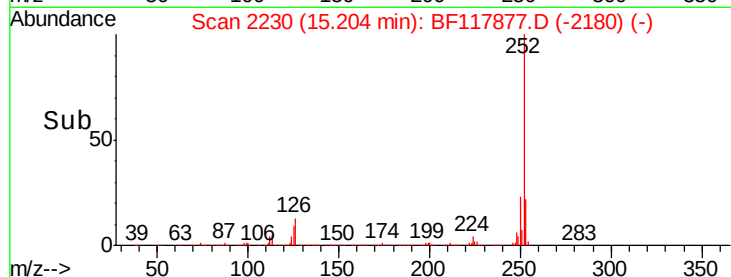
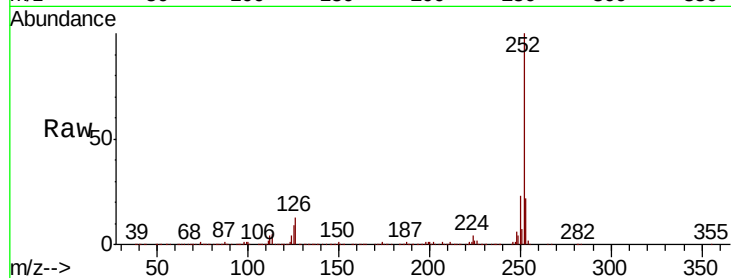
#89
Benzo(k)fluoranthene
Concen: 40.766 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	8.7	7.9	11.9

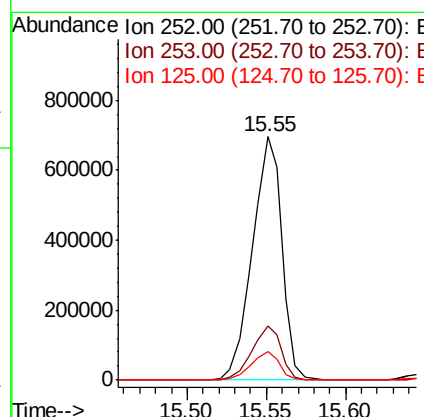
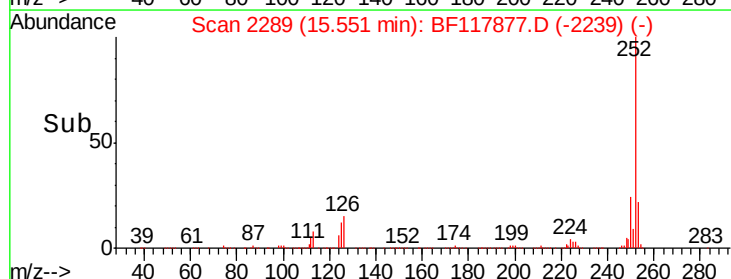
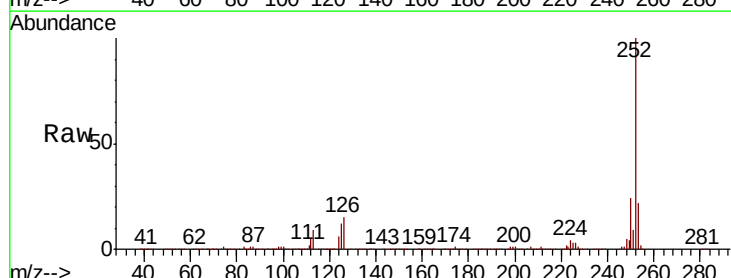
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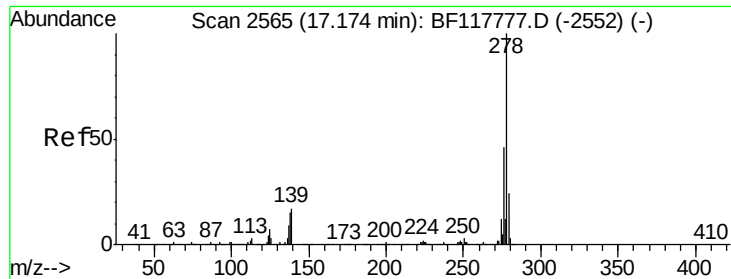
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#90
Benzo(a)pyrene
Concen: 39.294 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.8	9.2	13.8





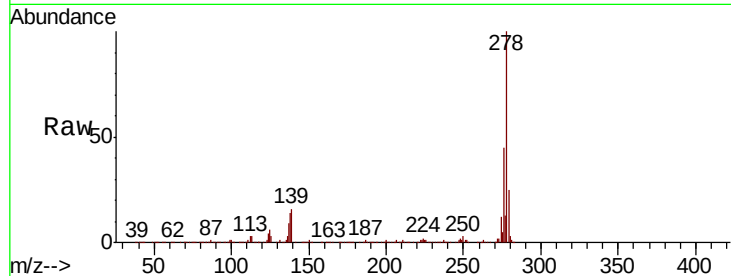
#91
Dibenzo(a,h)anthracene
Concen: 39.080 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.8	20.8
279	24.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/20/2019 1:49:57 PM

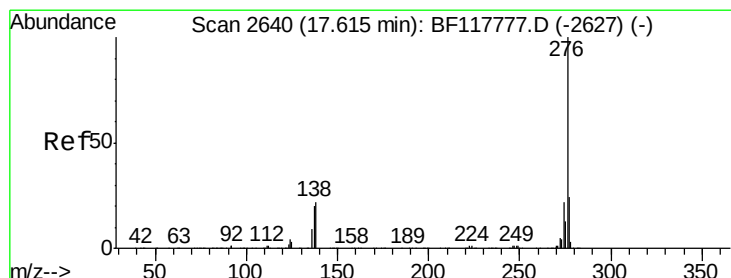
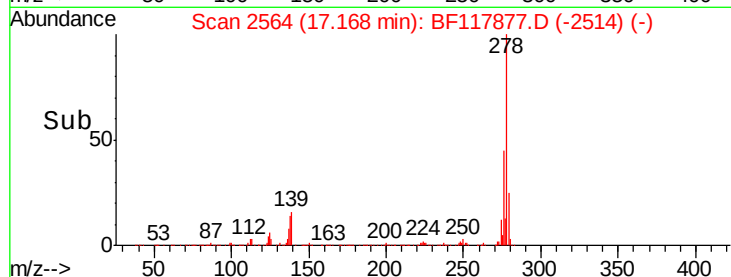
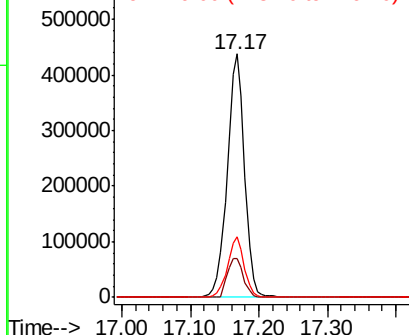


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.892 ng
RT: 17.61 min Scan# 2639
Delta R.T. -0.01 min
Lab File: BF117877.D
Acq: 20 Nov 2019 2:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	22.5	17.4	26.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

