

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117827.D
 Acq On : 18 Nov 2019 11:25
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 11/19/2019 2:35:22 PM

Quant Time: Nov 19 10:39:26 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	314073	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1168522	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	593454	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1102926	20.00	ng	0.00
76) Chrysene-d12	14.12	240	705452	20.00	ng	0.00
87) Perylene-d12	15.62	264	673441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1361333	76.72	ng	0.00
7) Phenol-d6	6.55	99	1648056	77.01	ng	0.00
23) Nitrobenzene-d5	7.49	82	1597798	81.28	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	503025	80.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2782803	84.13	ng	0.00
79) Terphenyl-d14	13.06	244	2886400	74.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	314790	37.955	ng	99
3) Pyridine	3.48	79	847030	38.933	ng	99
4) n-Nitrosodimethylamine	3.43	42	360397	37.948	ng	96
6) Aniline	6.59	93	1110222	39.257	ng	99
8) 2-Chlorophenol	6.70	128	763300	39.646	ng	97
9) Benzaldehyde	6.47	77	527130	37.358	ng	96
10) Phenol	6.56	94	883411	39.724	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	690000	38.637	ng	98
12) 1,3-Dichlorobenzene	6.86	146	890722	39.297	ng	98
13) 1,4-Dichlorobenzene	6.94	146	903424	39.432	ng	99
14) 1,2-Dichlorobenzene	7.10	146	857610	39.139	ng	98
15) Benzyl Alcohol	7.06	79	673675	40.773	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1052445	38.277	ng	99
17) 2-Methylphenol	7.17	107	636816	39.058	ng	99
18) Hexachloroethane	7.44	117	332297	39.481	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	505909	38.318	ng	98
20) 3+4-Methylphenols	7.32	107	780372	38.558	ng	94
22) Acetophenone	7.33	105	1032729	39.337	ng	97
24) Nitrobenzene	7.50	77	815263	40.203	ng	96
25) Isophorone	7.75	82	1369205	38.004	ng	96
26) 2-Nitrophenol	7.82	139	413308	41.874	ng	96
27) 2,4-Dimethylphenol	7.85	122	592850	38.654	ng	96
28) bis(2-Chloroethoxy)methane	7.96	93	890365	38.944	ng	100
29) 2,4-Dichlorophenol	8.06	162	651590	39.167	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	763000	39.539	ng	98
31) Naphthalene	8.23	128	2144659	39.369	ng	99
32) Benzoic acid	7.95	122	269576m	20.992	ng	
33) 4-Chloroaniline	8.27	127	967784	39.683	ng	99
34) Hexachlorobutadiene	8.35	225	448686	39.769	ng	99
35) Caprolactam	8.65	113	204434	38.665	ng	89
36) 4-Chloro-3-methylphenol	8.75	107	665864	39.438	ng	96
37) 2-Methylnaphthalene	8.93	142	1437046	39.043	ng	99
38) 1-Methylnaphthalene	9.03	142	1362372	39.151	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	687285	39.878	ng	99

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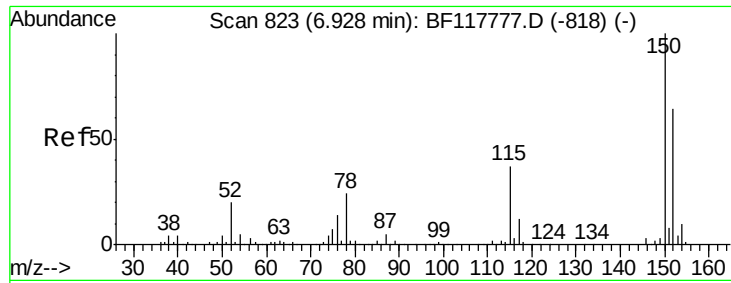
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	375123	38.840	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	502146	40.678	nq	96
44) 2,4,5-Trichlorophenol	9.24	196	505731	39.458	nq	97
46) 1,1'-Biphenyl	9.39	154	1753881	39.835	nq	98
47) 2-Chloronaphthalene	9.42	162	1444420	39.879	nq	99
48) 2-Nitroaniline	9.51	65	448349	41.001	nq	93
49) Acenaphthylene	9.83	152	2114253	40.037	nq	99
50) Dimethylphthalate	9.69	163	1629056	39.145	nq	99
51) 2,6-Dinitrotoluene	9.75	165	374113	41.133	nq	94
52) Acenaphthene	10.01	154	1329858	39.312	nq	99
53) 3-Nitroaniline	9.92	138	447868	41.153	nq	98
54) 2,4-Dinitrophenol	10.02	184	146734	35.788	nq	# 84
55) Dibenzofuran	10.18	168	1852206	39.540	nq	100
56) 4-Nitrophenol	10.07	139	336134	41.378	nq	98
57) 2,4-Dinitrotoluene	10.16	165	484106	41.843	nq	93
58) Fluorene	10.52	166	1418670	39.081	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	414312	39.342	nq	99
60) Diethylphthalate	10.39	149	1577155	38.873	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	726671	39.446	nq	97
62) 4-Nitroaniline	10.54	138	449984	41.295	nq	98
63) Azobenzene	10.67	77	1449509	39.270	nq	98
65) 4,6-Dinitro-2-methylphenol	10.56	198	208377	40.471	nq	84
66) n-Nitrosodiphenylamine	10.63	169	1260394	39.267	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	471339	39.607	nq	92
68) Hexachlorobenzene	11.07	284	548279	39.511	nq	97
69) Atrazine	11.16	200	409231	38.757	nq	97
70) Pentachlorophenol	11.26	266	317465	39.159	nq	100
71) Phenanthrene	11.49	178	2142404	38.636	nq	100
72) Anthracene	11.54	178	2130847	38.758	nq	100
73) Carbazole	11.69	167	1952962	40.650	nq	99
74) Di-n-butylphthalate	12.02	149	2300923	38.465	nq	100
75) Fluoranthene	12.68	202	2146814	42.016	nq	97
77) Benzidine	12.80	184	807477	34.944	nq	99
78) Pyrene	12.92	202	2112802	37.059	nq	99
80) Butylbenzylphthalate	13.53	149	949577	38.780	nq	94
81) Benzo(a)anthracene	14.10	228	1795760	38.521	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	659359	40.436	nq	99
83) Chrysene	14.14	228	1728076	38.255	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1219978	41.096	nq	99
85) Di-n-octyl phthalate	14.70	149	1933338	44.331	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1708377	44.436	nq	100
88) Benzo(b)fluoranthene	15.17	252	1608339	36.759	nq	99
89) Benzo(k)fluoranthene	15.20	252	1610381	39.062	nq	99
90) Benzo(a)pyrene	15.56	252	1460028	37.948	nq	99
91) Dibenzo(a,h)anthracene	17.18	278	1399140	42.250	nq	98
92) Benzo(g,h,i)perylene	17.62	276	1352742	41.012	nq	99

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



#1

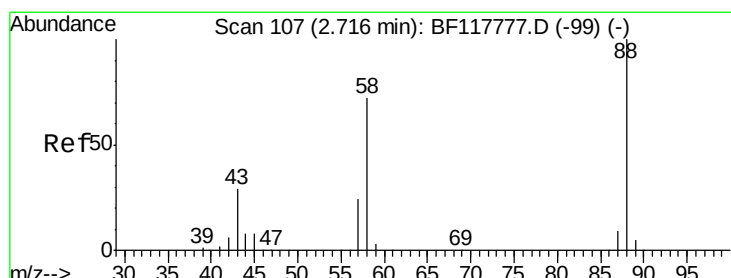
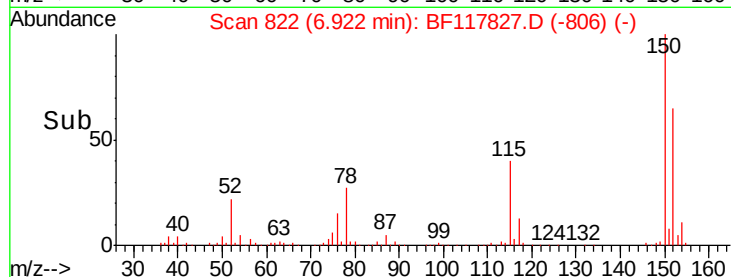
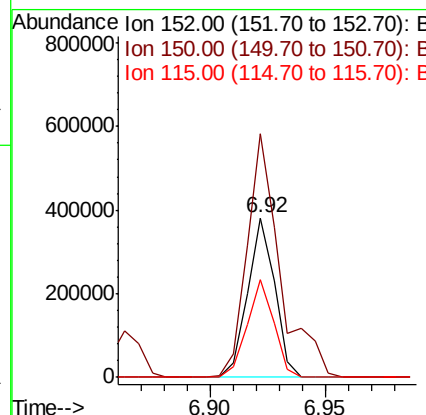
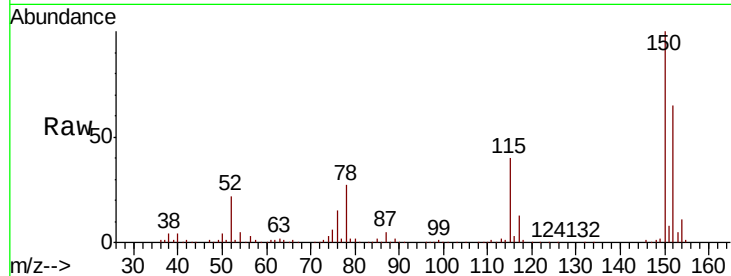
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.3	187.9
115	61.3	47.0	70.4

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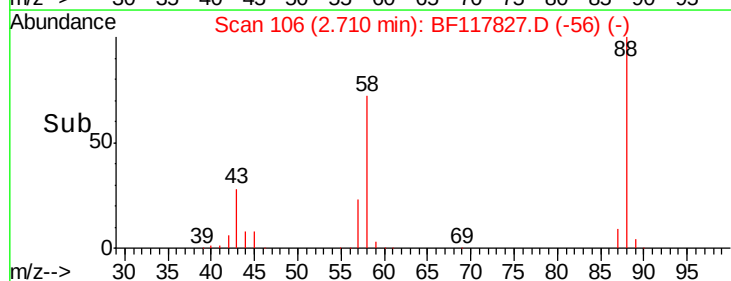
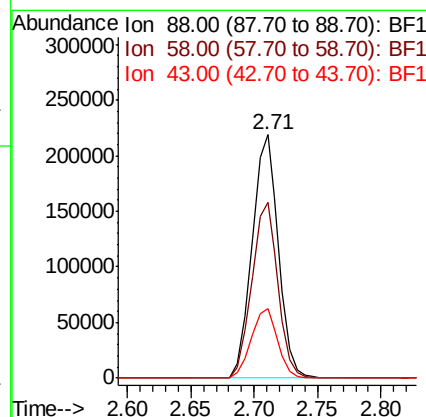
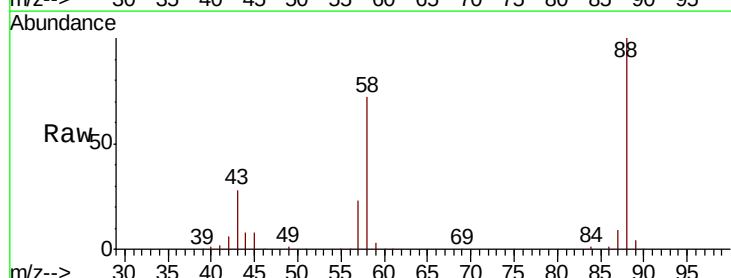
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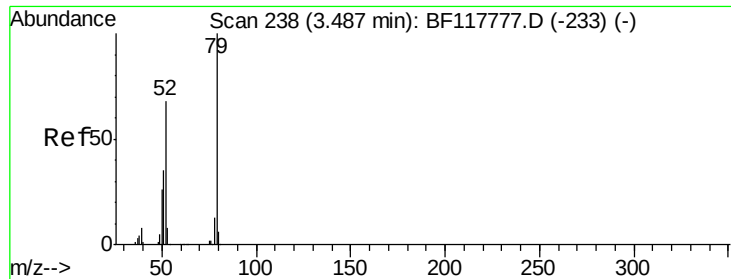


#2

1,4-Dioxane
Concen: 37.955 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	58.2	87.2
43	28.6	23.3	34.9





#3

Pvridine

Concen: 38.933 ng

RT: 3.48 min Scan# 236

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

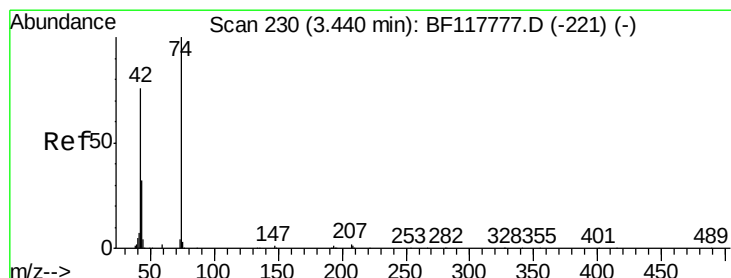
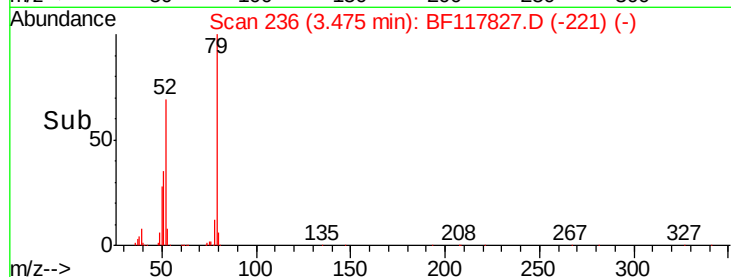
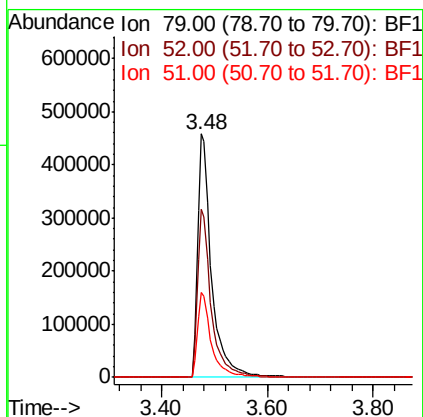
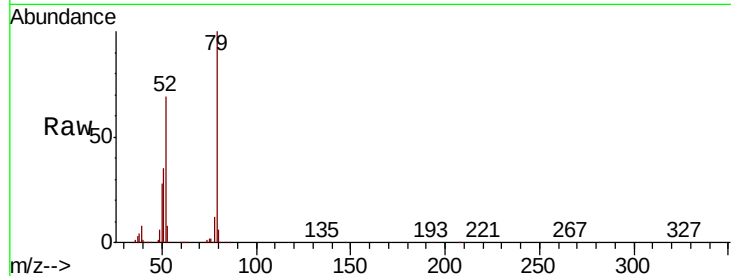
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	847030
Ion Ratio	Lower	Upper	
79	100		
52	69.3	54.8	82.2
51	34.8	28.2	42.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.948 ng

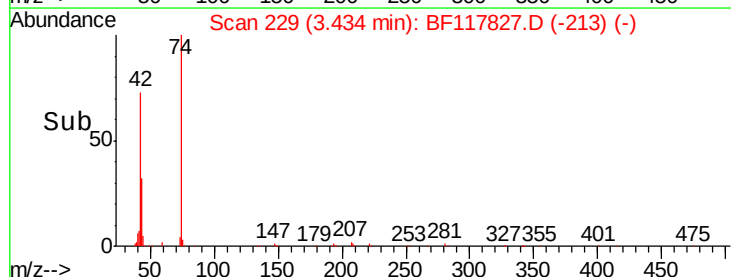
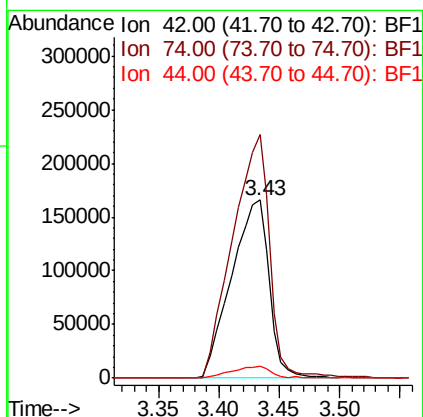
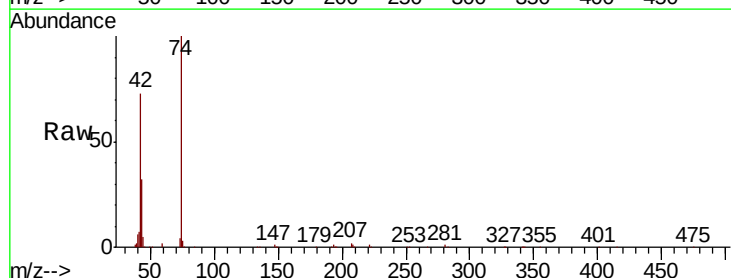
RT: 3.43 min Scan# 229

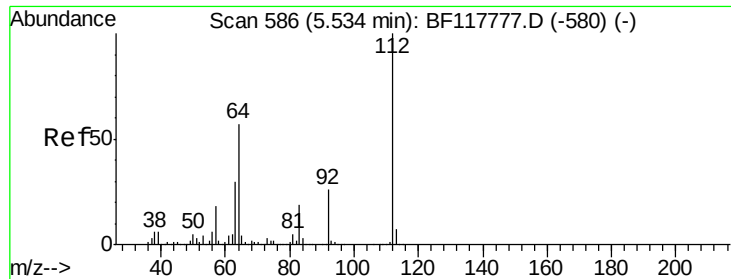
Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	42	Resp:	360397
Ion Ratio	Lower	Upper	
42	100		
74	136.6	105.1	157.7
44	6.5	4.6	7.0





#5

2-Fluorophenol

Concen: 76.724 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1361333

Ion Ratio Lower Upper

112 100

64 58.5 45.6 68.4

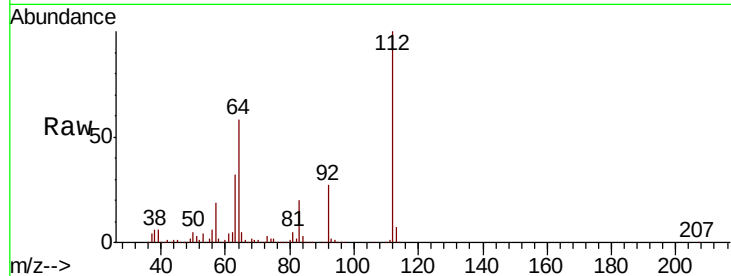
63 31.7 24.1 36.1

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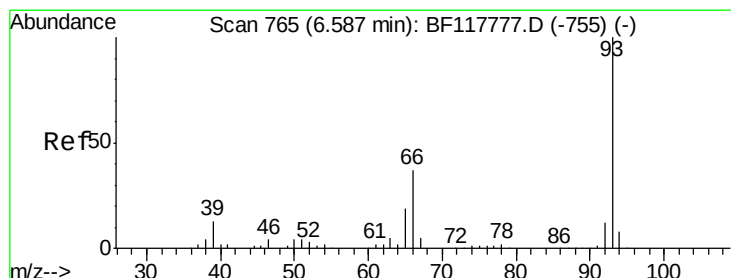
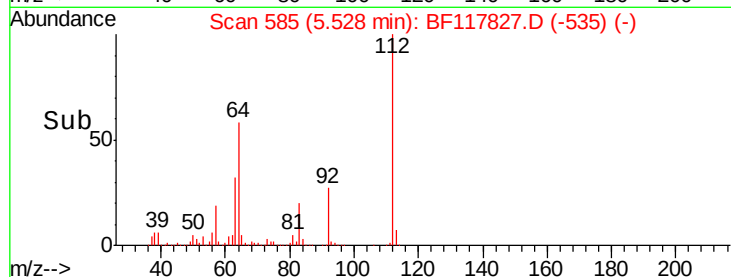
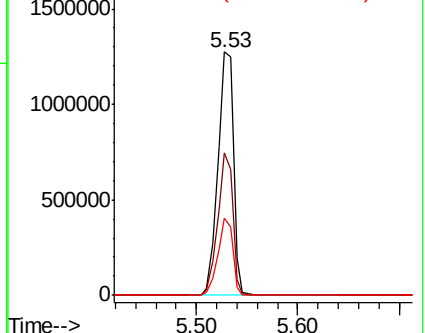
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.257 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

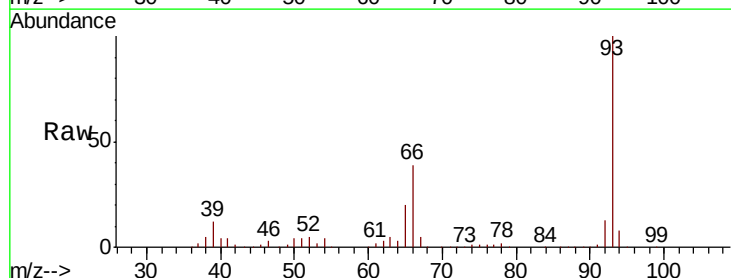
Tgt Ion: 93 Resp: 1110222

Ion Ratio Lower Upper

93 100

66 38.6 30.6 45.8

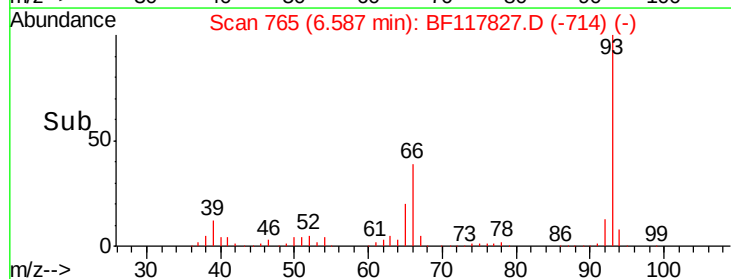
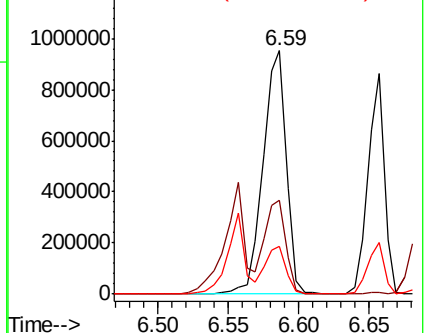
65 19.7 15.6 23.4

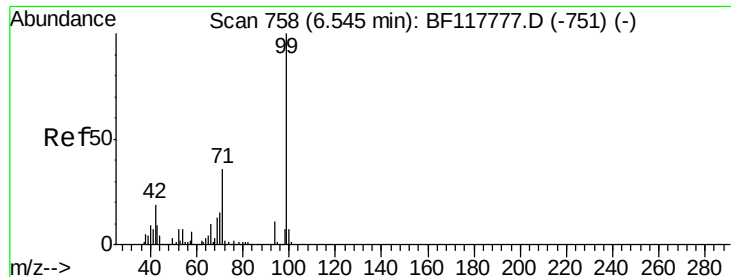


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.008 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1648056

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

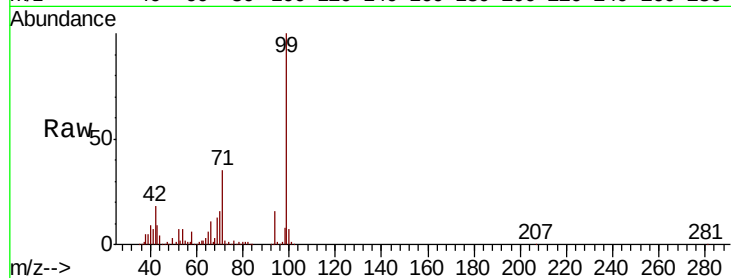
71 35.5 28.6 43.0

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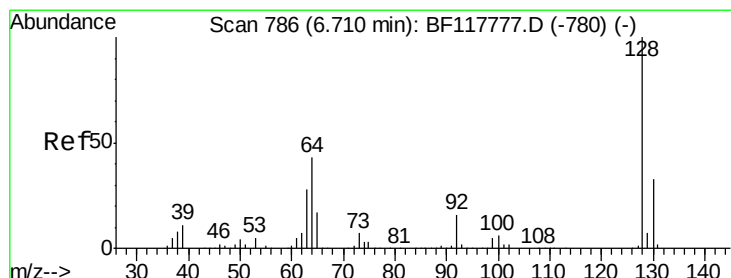
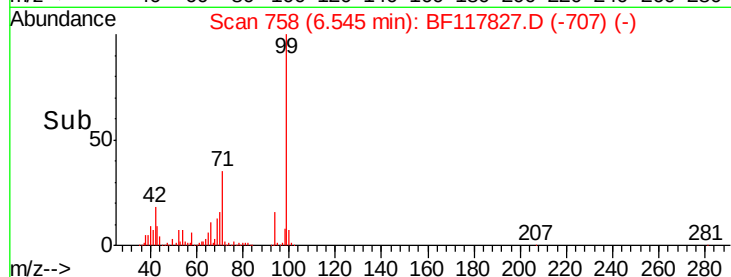
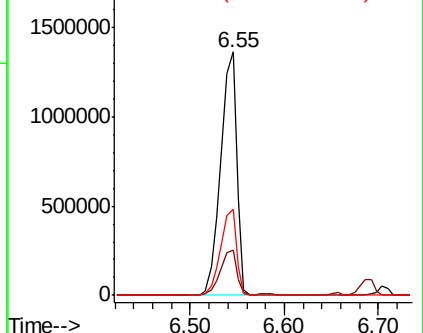
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.646 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117827.D

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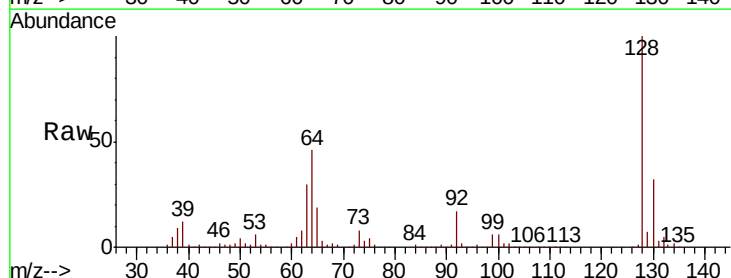
Tgt Ion: 128 Resp: 763300

Ion Ratio Lower Upper

128 100

130 32.4 13.2 53.2

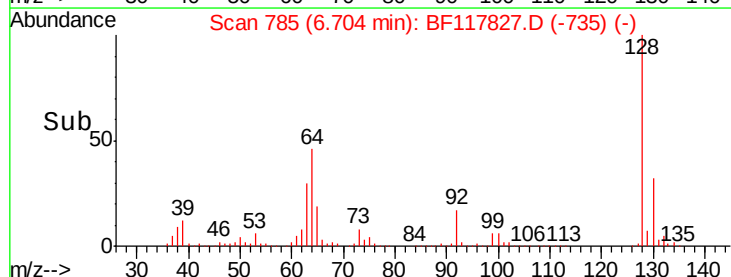
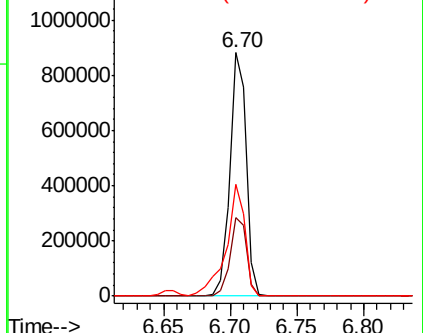
64 46.1 23.7 63.7

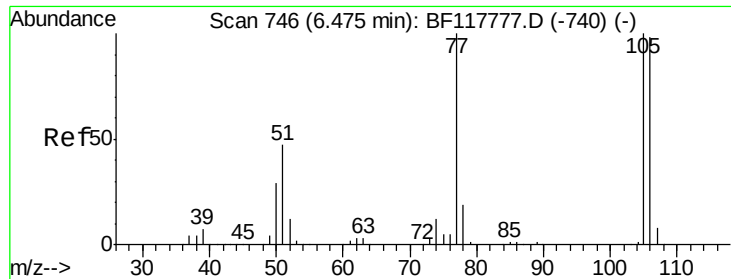


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.358 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 527130

Ion Ratio Lower Upper

77 100

105 97.7 80.2 120.2

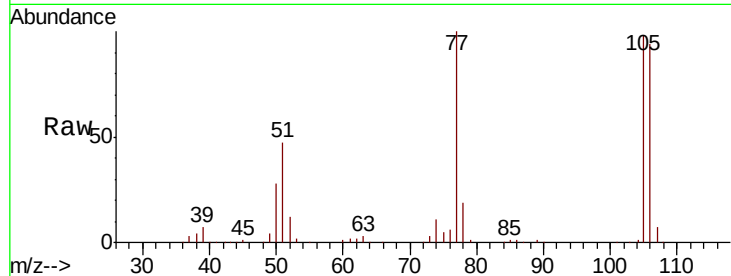
106 93.7 78.4 118.4

Manual Integrations

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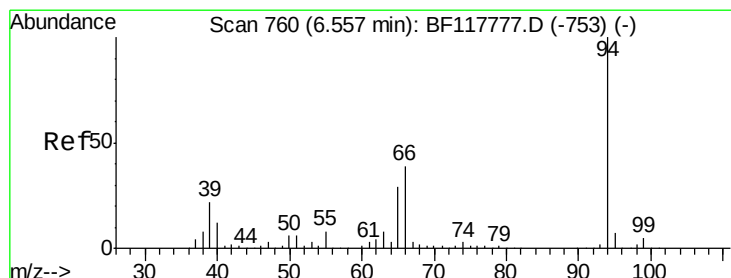
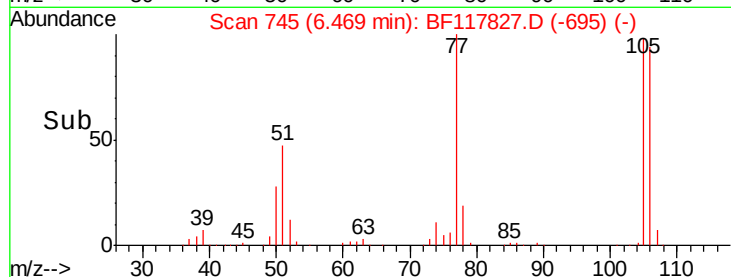
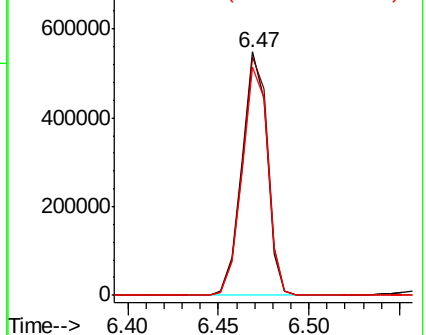
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.724 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

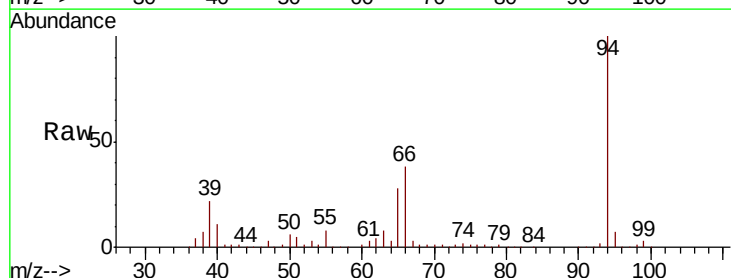
Tgt Ion: 94 Resp: 883411

Ion Ratio Lower Upper

94 100

65 27.8 8.9 48.9

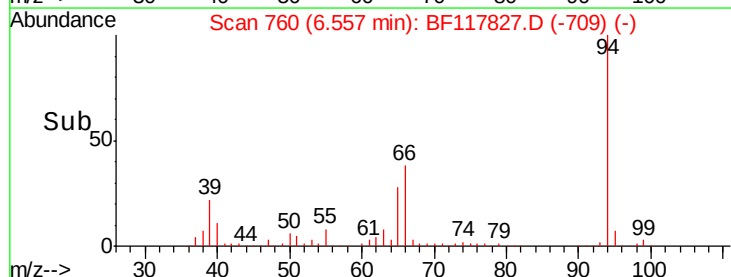
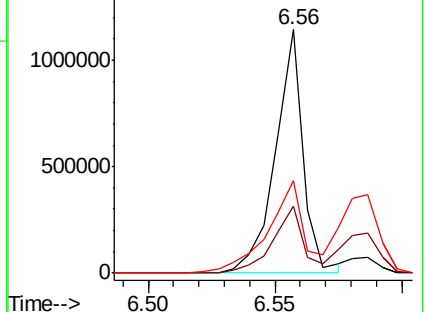
66 38.2 18.7 58.7

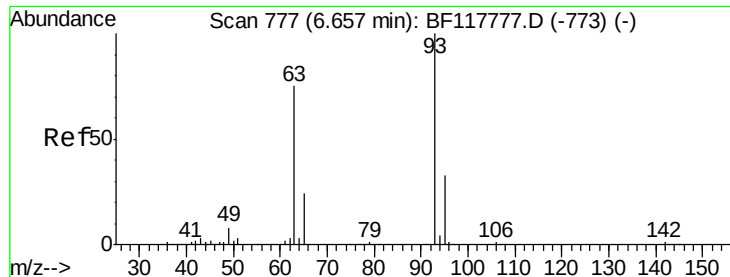


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





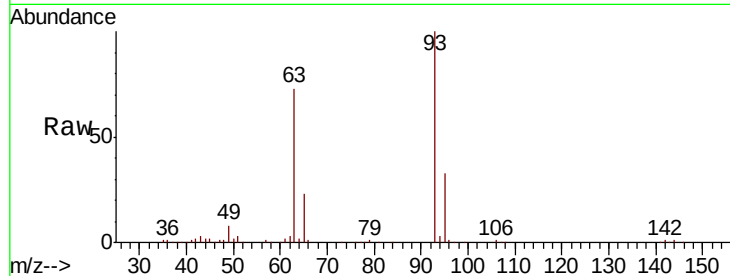
#11
bis(2-Chloroethyl)ether
Concen: 38.637 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

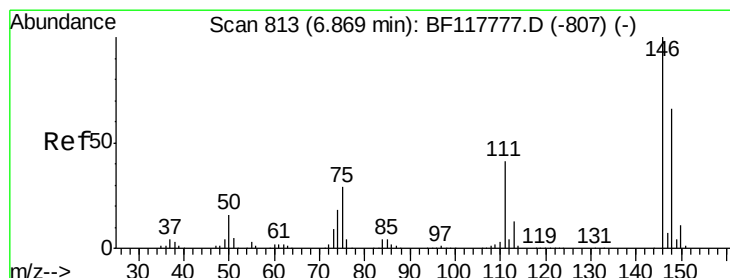
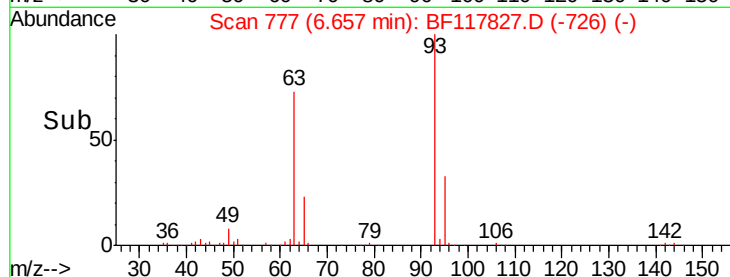
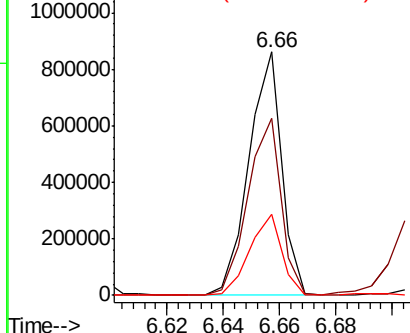
Tot Ion	93	Resp	690000
Ion Ratio	Lower	Upper	
93	100		
63	72.8	54.8	94.8
95	33.2	12.7	52.7

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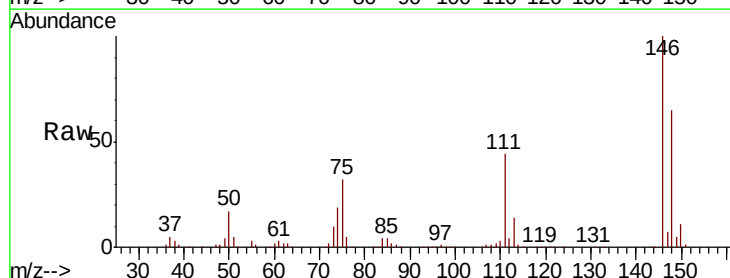


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

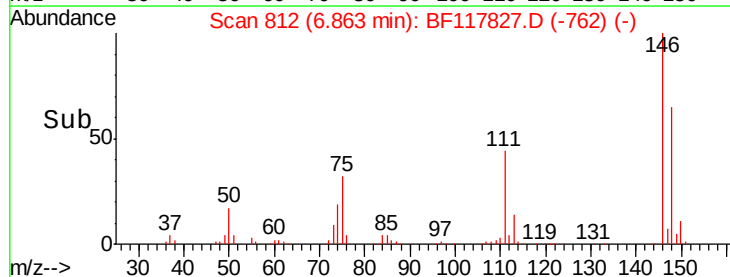
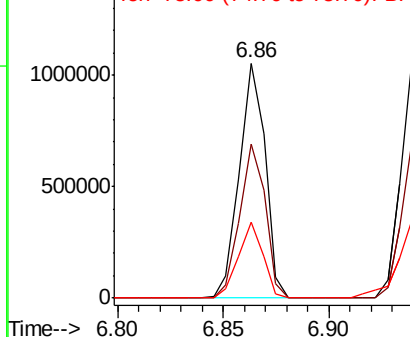


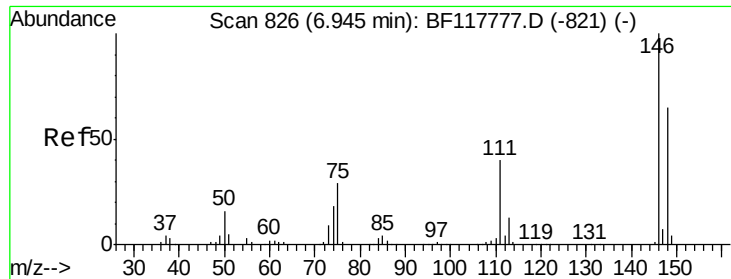
#12
1,3-Dichlorobenzene
Concen: 39.297 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	146	Resp	890722
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.8	79.2
75	32.4	23.4	35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





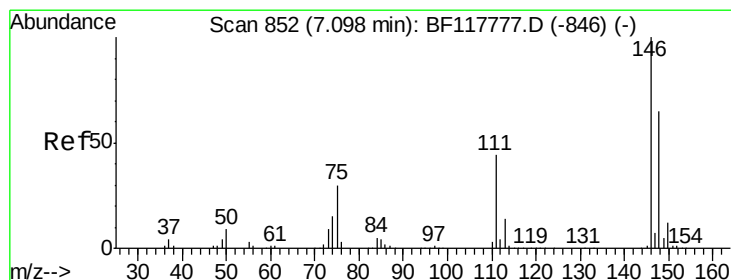
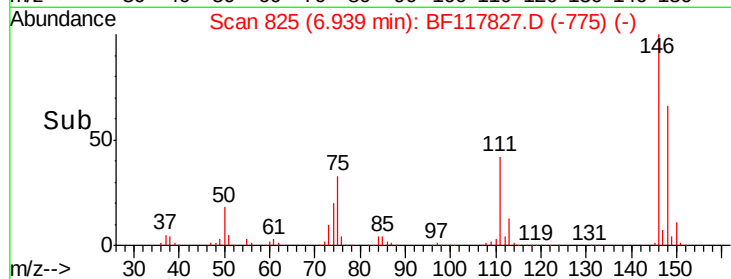
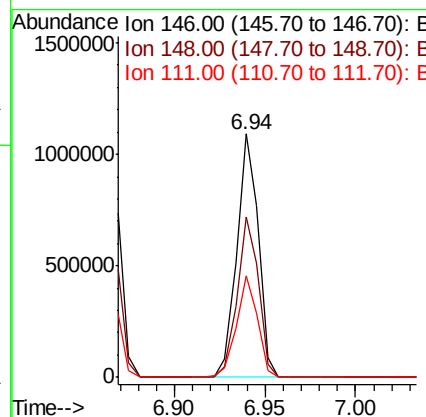
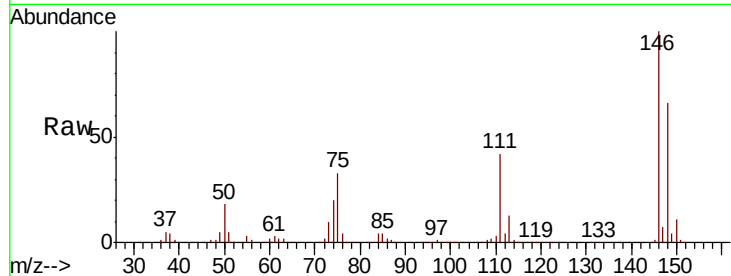
#13
 1,4-Dichlorobenzene
 Concen: 39.432 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	41.9	32.2	48.4

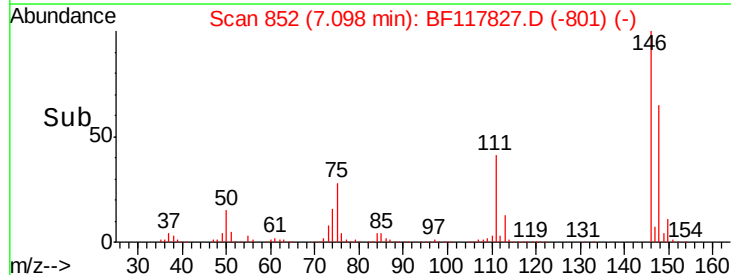
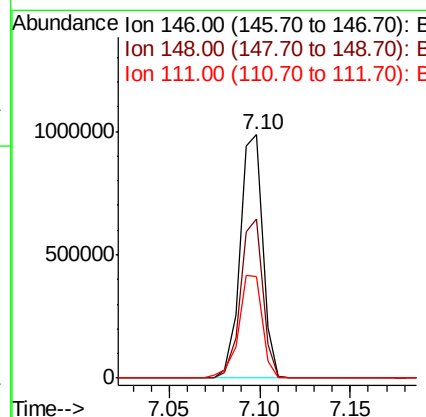
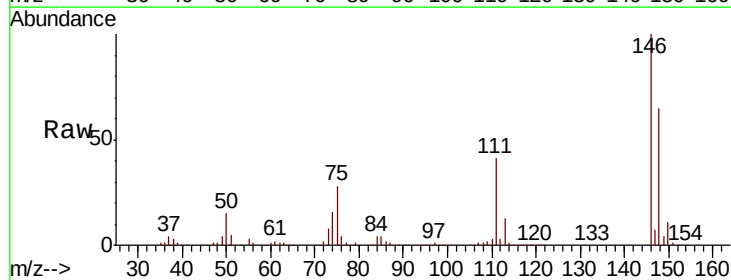
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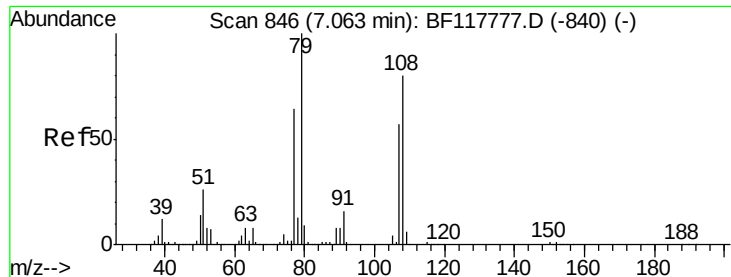
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#14
 1,2-Dichlorobenzene
 Concen: 39.139 ng
 RT: 7.10 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	41.5	35.0	52.6





#15

Benzyl Alcohol

Concen: 40.773 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

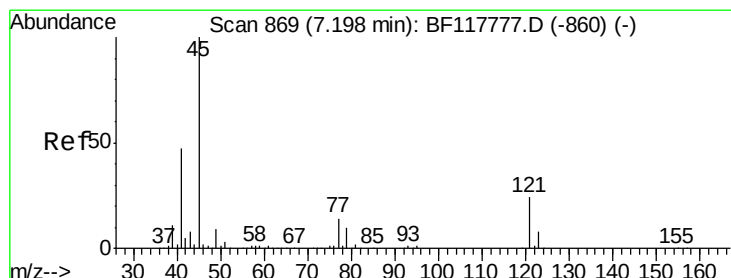
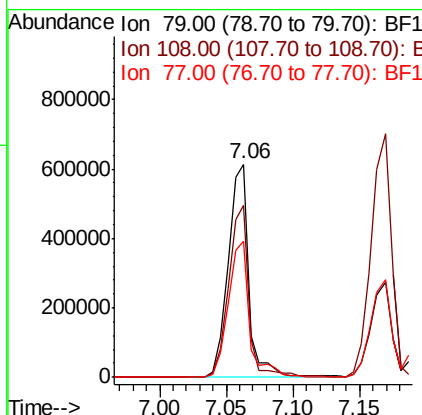
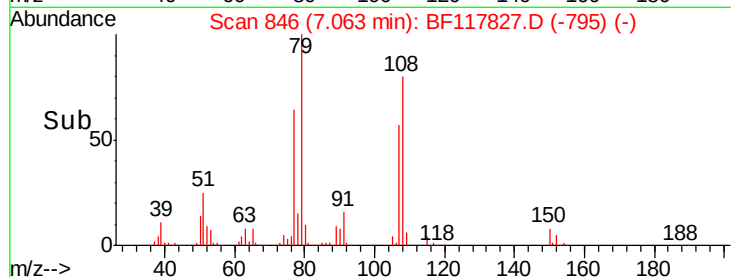
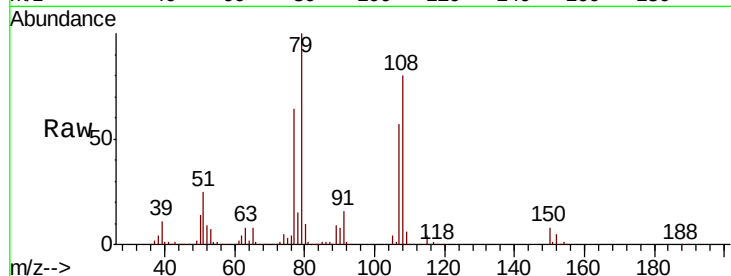
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	673675
Ion	Ratio	Lower	Upper
79	100		
108	80.5	64.1	96.1
77	64.1	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.277 ng

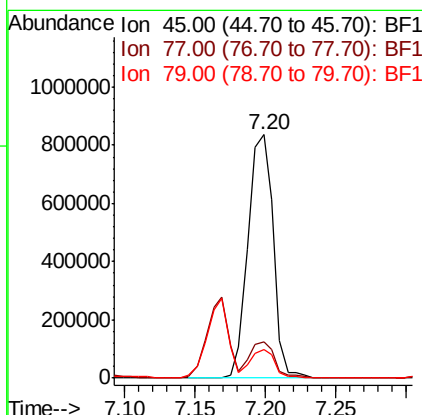
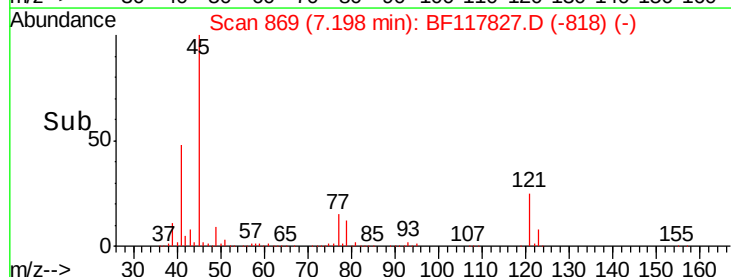
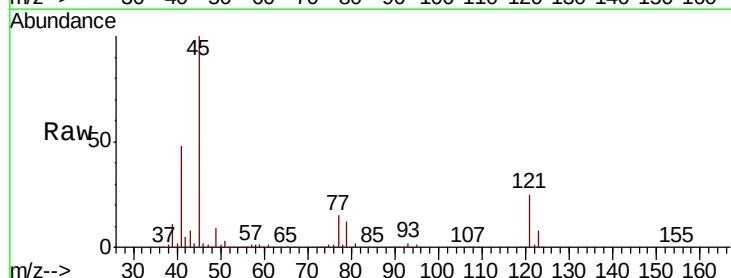
RT: 7.20 min Scan# 869

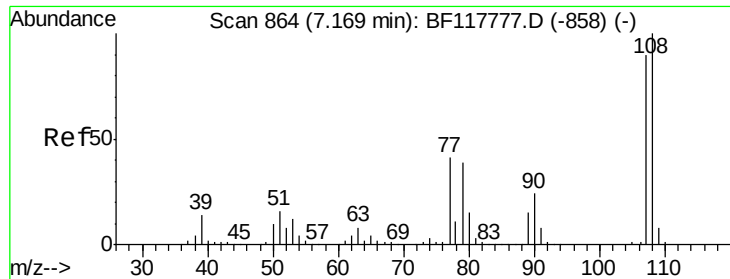
Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	45	Resp:	1052445
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.0
79	11.7	0.0	31.1





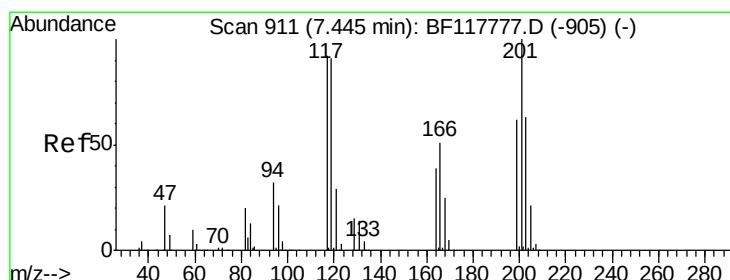
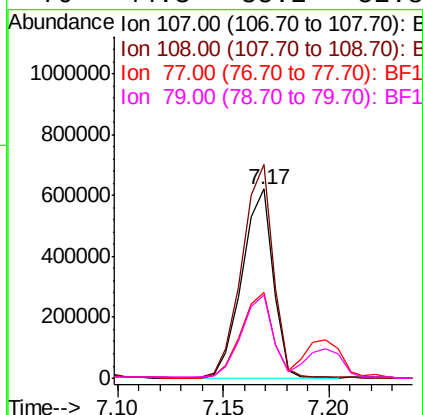
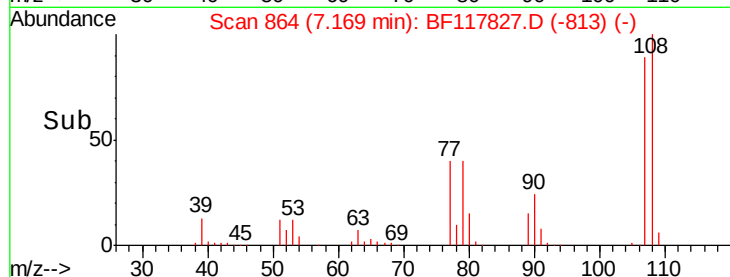
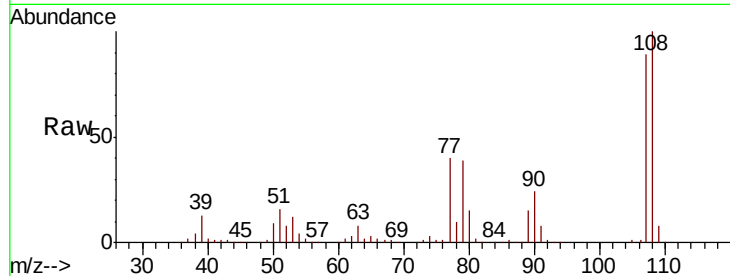
#17
2-Methylphenol
Concen: 39.058 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	89.1	133.7	
77	45.1	36.6	54.8	
79	44.3	35.2	52.8	

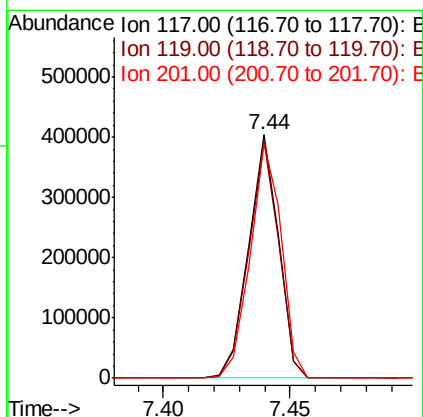
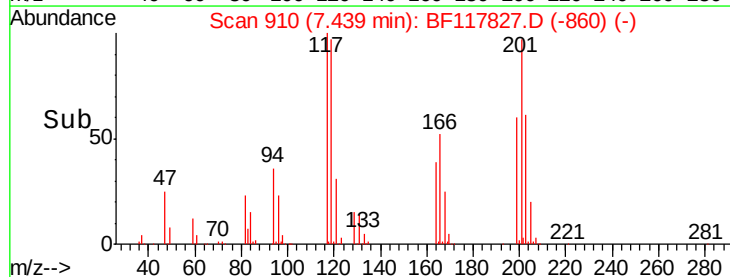
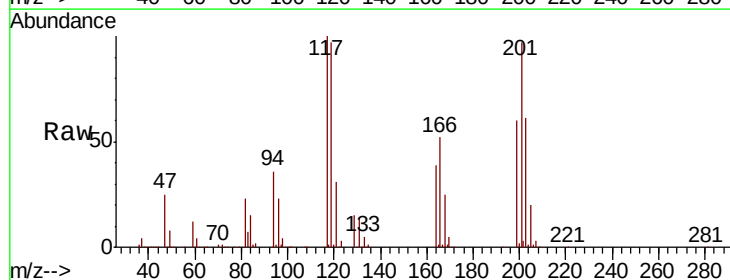
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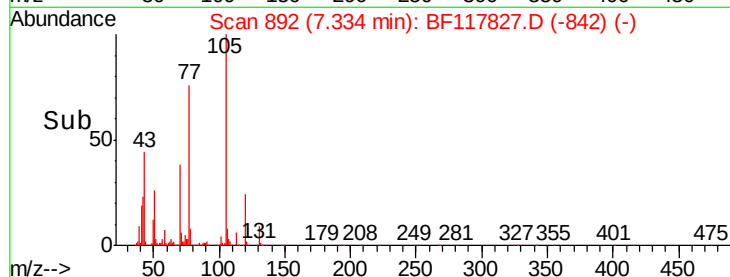
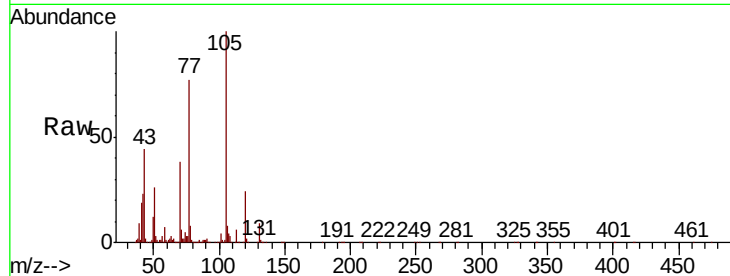
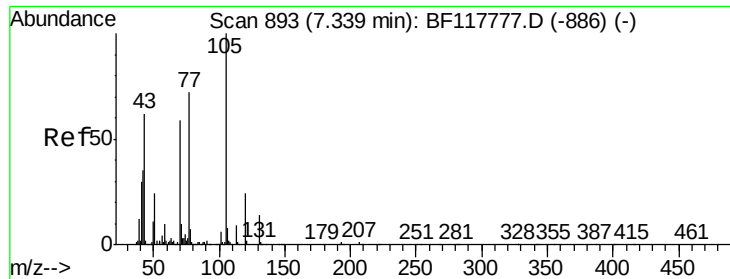
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#18
Hexachloroethane
Concen: 39.481 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.7	118.1	
201	96.6	86.5	129.7	





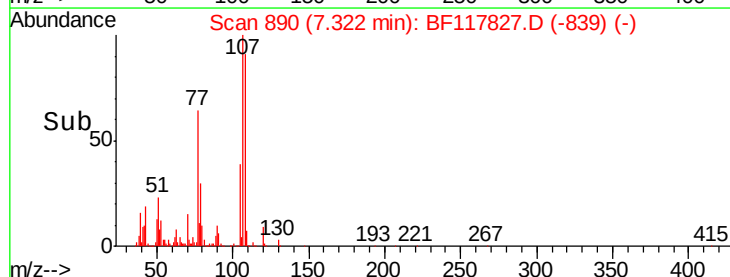
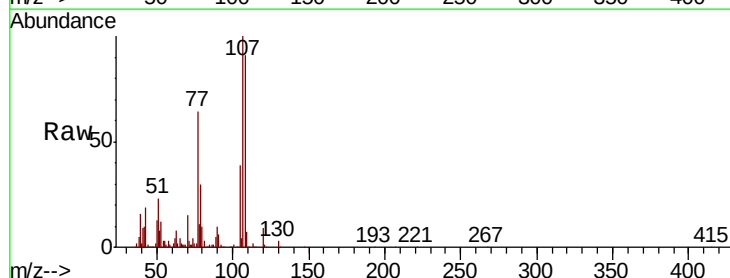
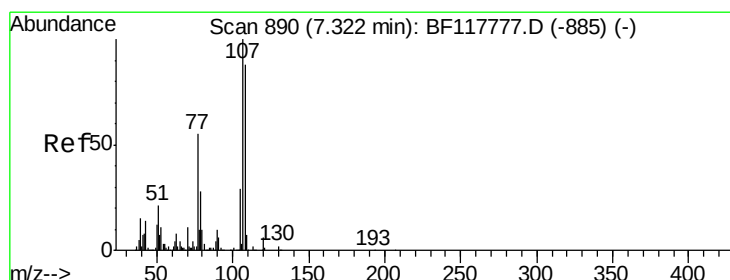
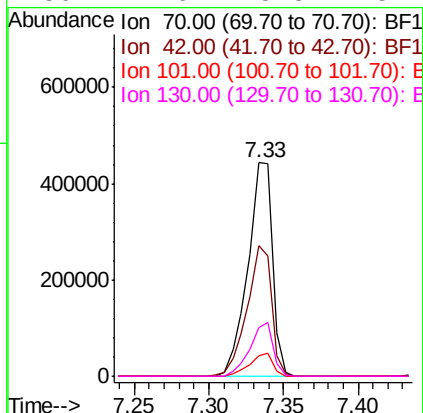
#19
n-Nitroso-di-n-propylamine
Concen: 38.318 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.8	47.4	71.2	
101	9.8	8.4	12.6	
130	22.6	18.8	28.2	

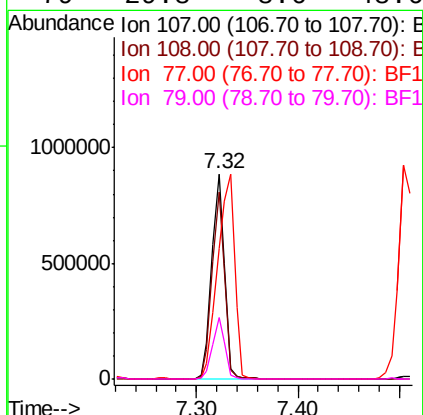
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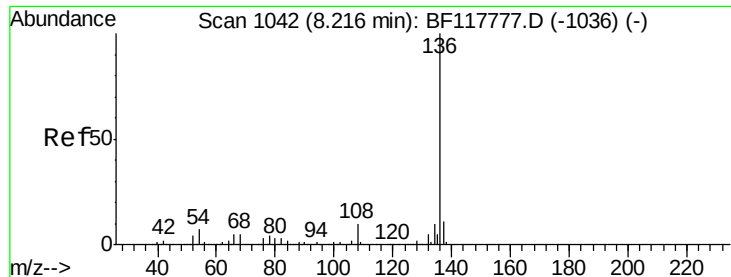
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#20
3+4-Methylphenols
Concen: 38.558 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	68.4	108.4	
77	63.8	35.2	75.2	
79	29.8	8.6	48.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1168522

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.5 5.4 8.2

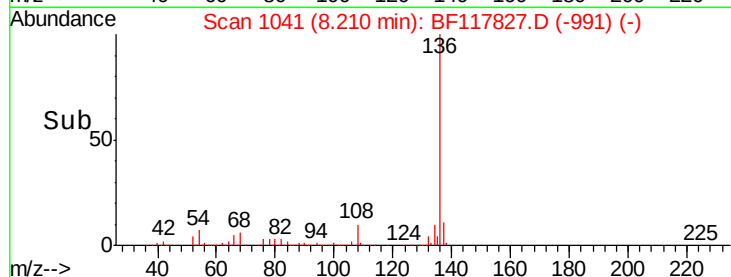
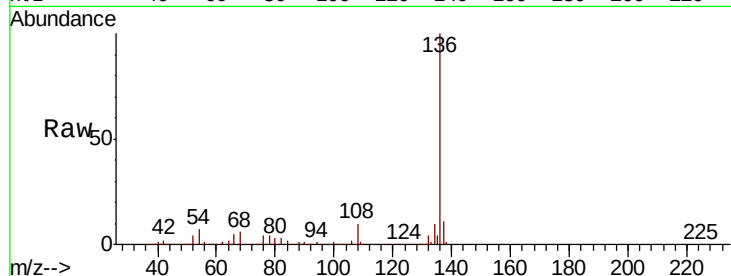
68 5.6 4.3 6.5

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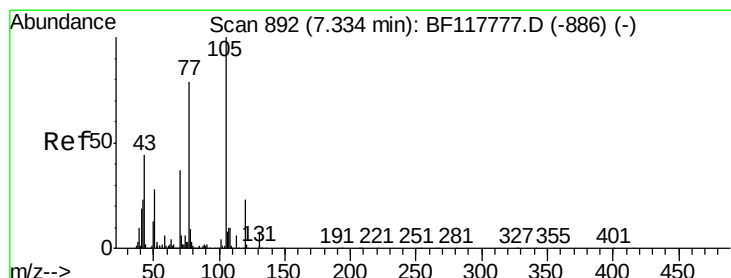
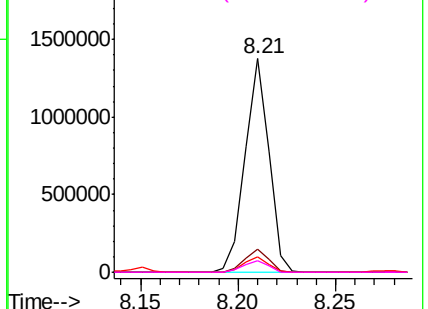
Abundance

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: 39.337 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:105 Resp: 1032729

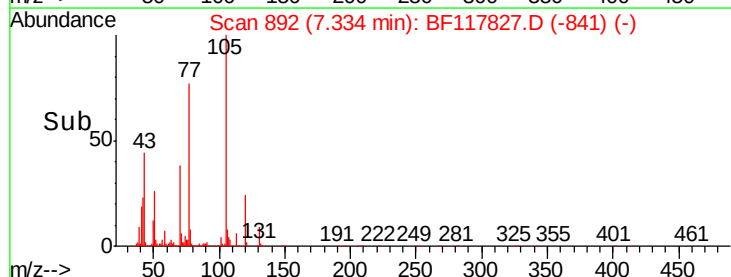
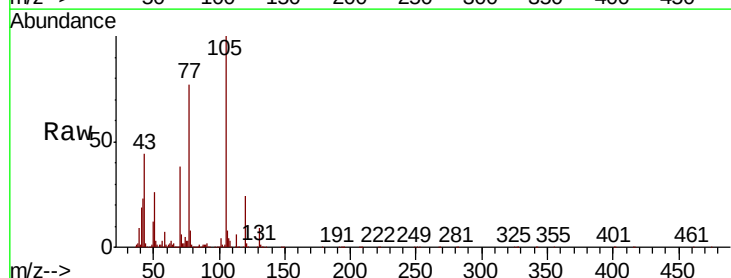
Ion Ratio Lower Upper

105 100

71 6.5 4.9 7.3

51 26.3 22.7 34.1

120 23.8 18.5 27.7



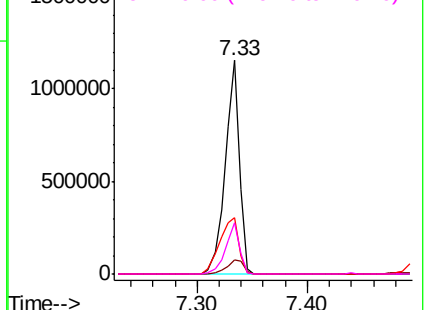
Abundance

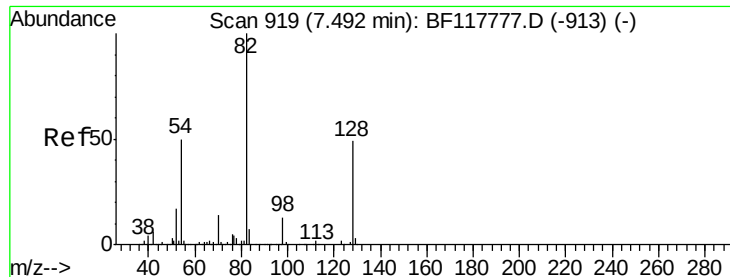
Ion 105.00 (104.70 to 105.70): E

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





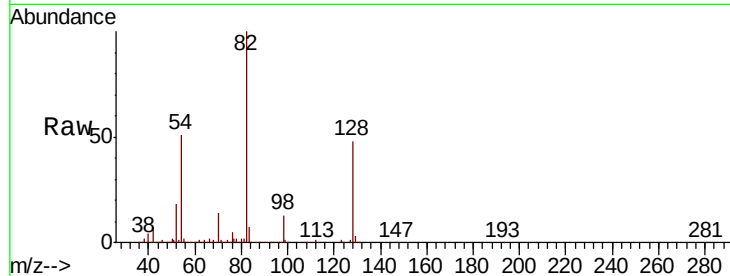
#23
Nitrobenzene-d5
Concen: 81.284 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

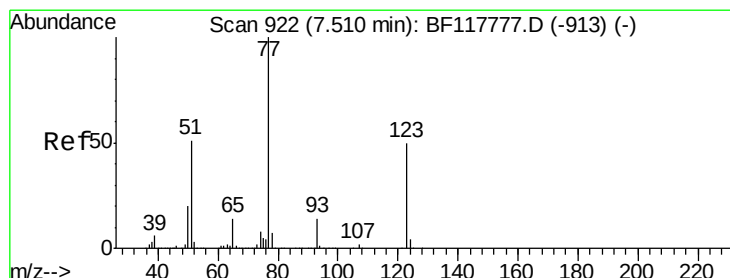
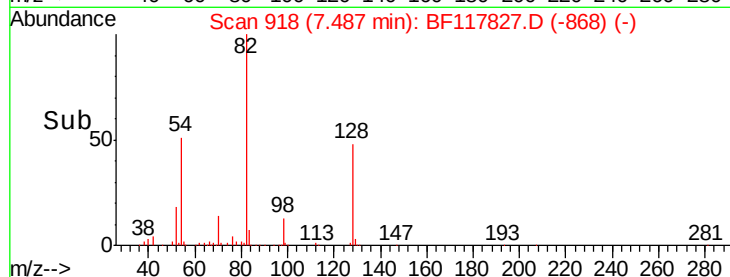
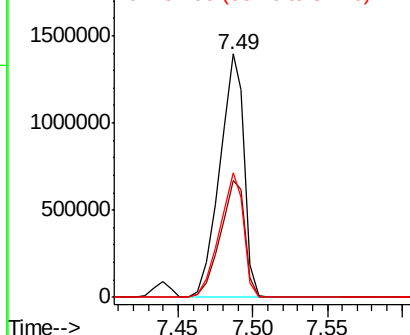
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.9	58.3
54	51.2	39.8	59.6

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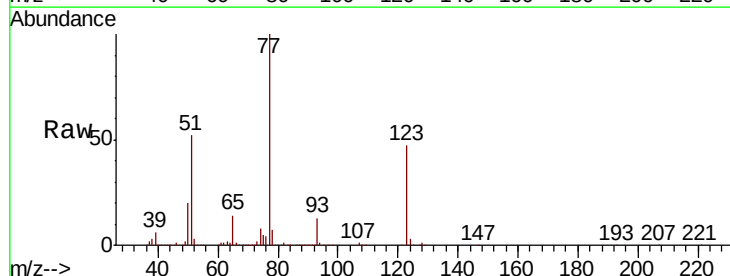


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

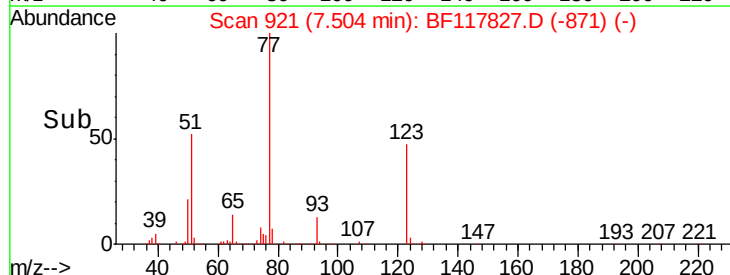
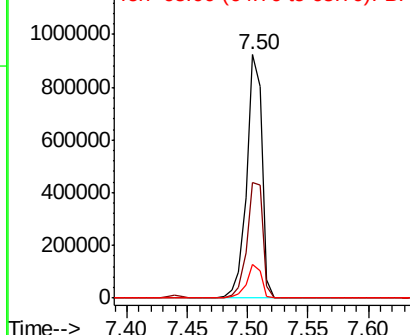


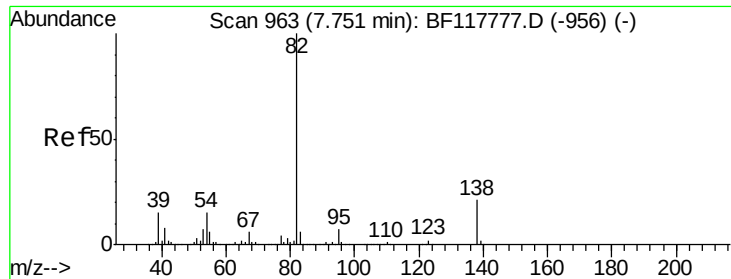
#24
Nitrobenzene
Concen: 40.203 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	40.3	60.5
65	13.9	10.9	16.3



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





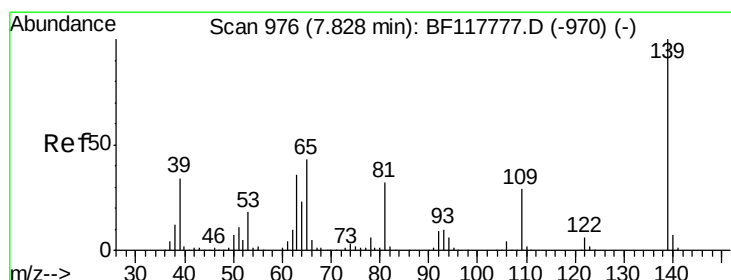
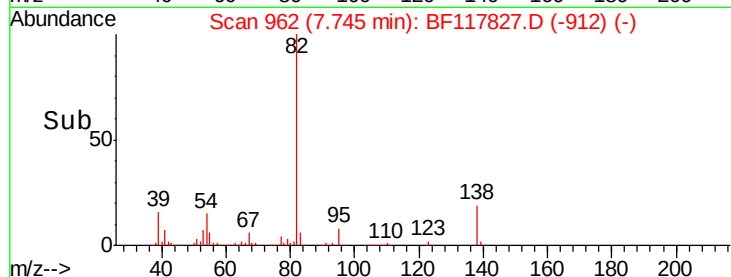
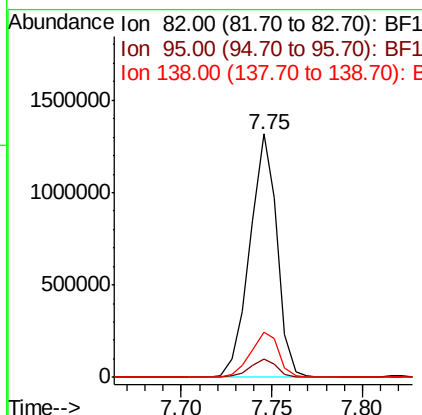
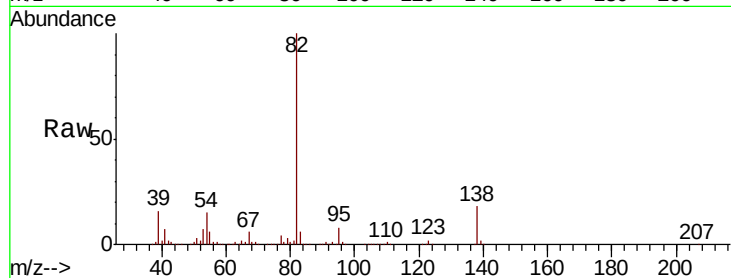
#25
Isophorone
Concen: 38.004 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.8
138	18.5	16.5	24.7

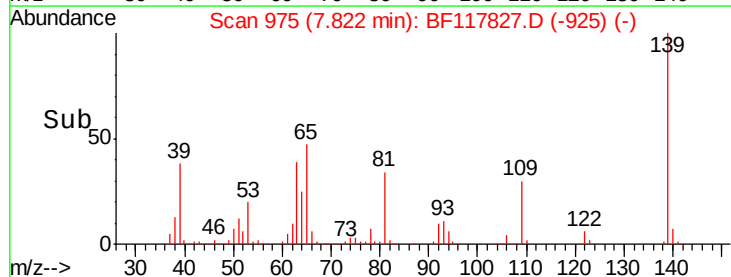
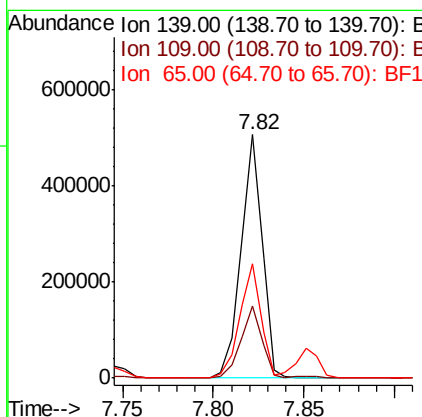
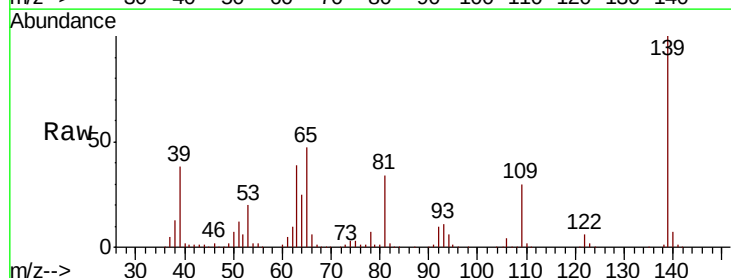
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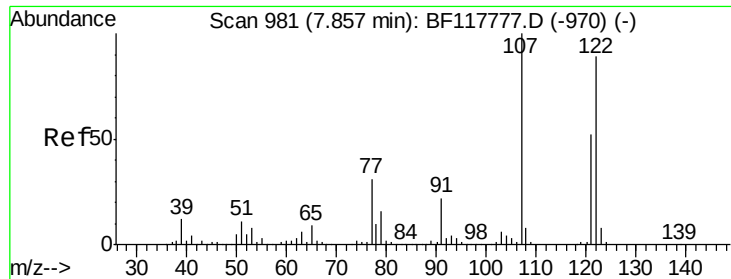
mohammad
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#26
2-Nitrophenol
Concen: 41.874 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.0	34.4
65	47.2	34.7	52.1





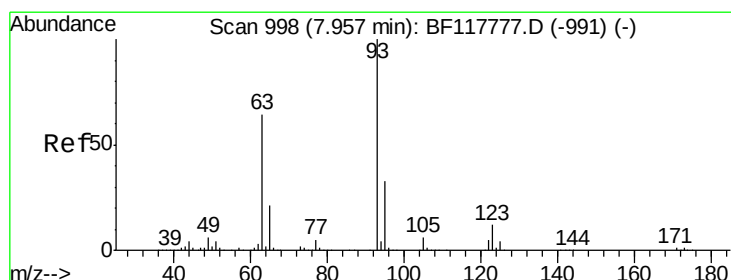
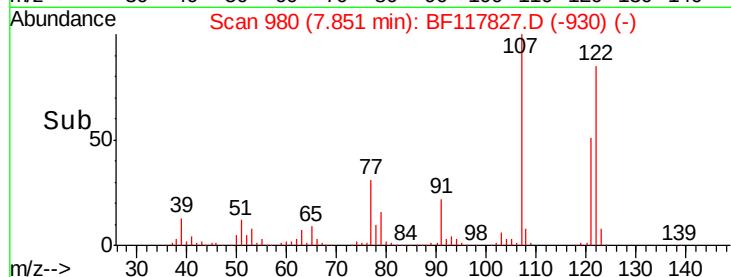
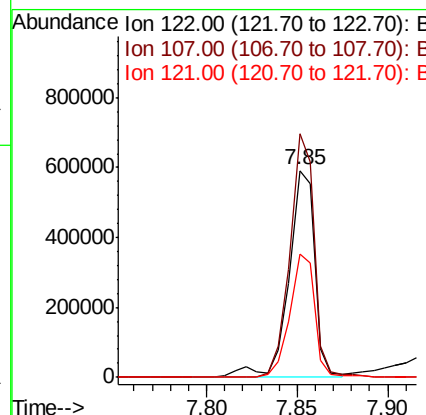
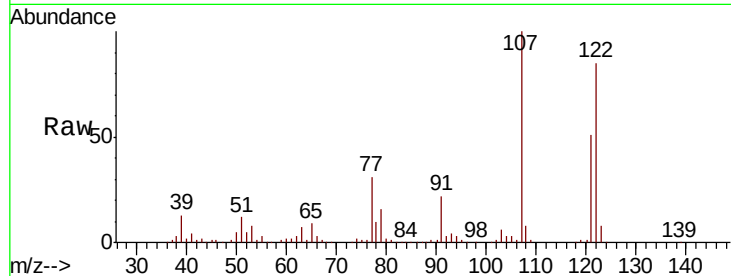
#27
2,4-Dimethylphenol
Concen: 38.654 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	592850		
107	117.8	90.0	135.0	
121	59.8	46.7	70.1	

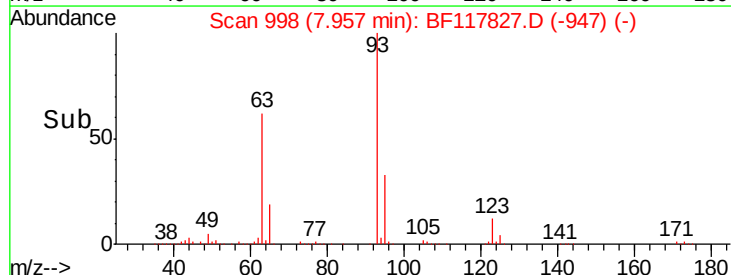
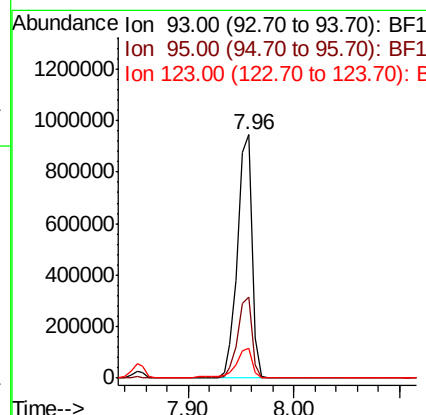
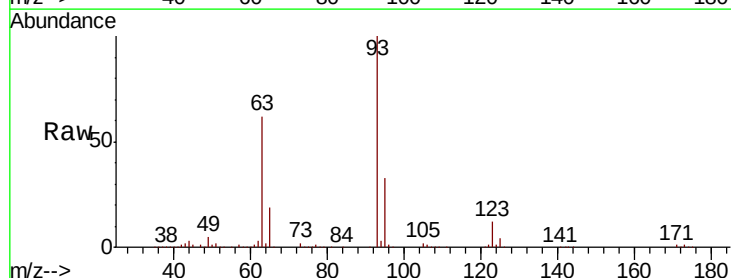
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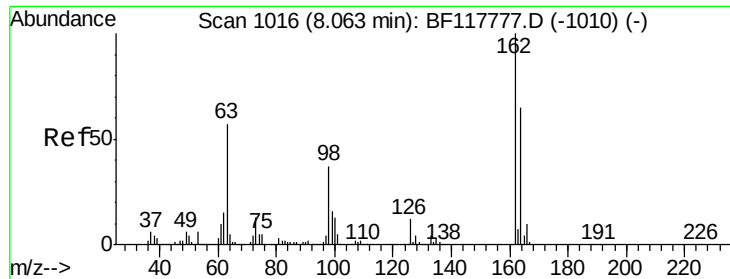
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#28
bis(2-Chloroethoxy)methane
Concen: 38.944 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	890365		
95	33.3	26.6	40.0	
123	12.3	10.3	15.5	





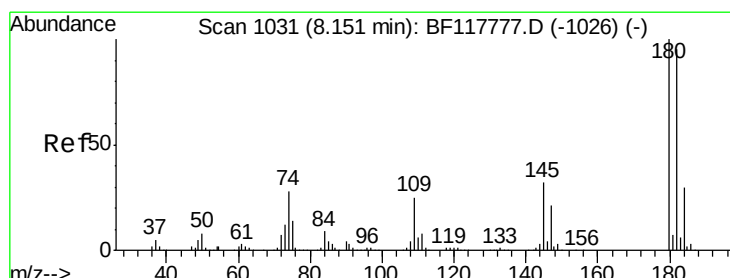
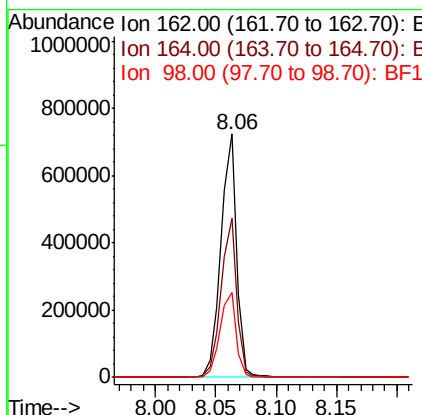
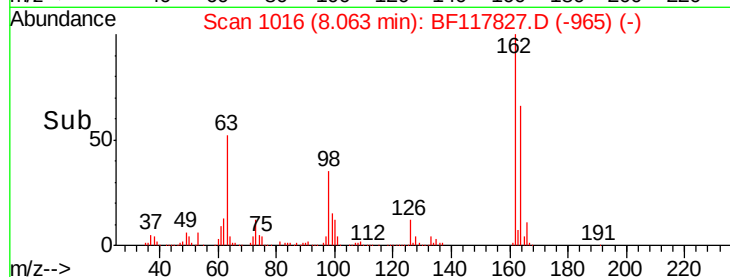
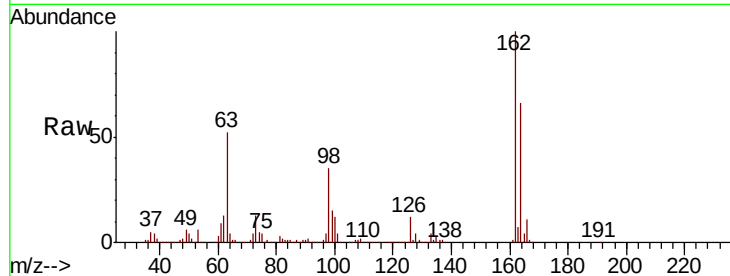
#29
2,4-Dichlorophenol
Concen: 39.167 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	651590		
164	65.6	45.1	85.1	
98	34.9	17.2	57.2	

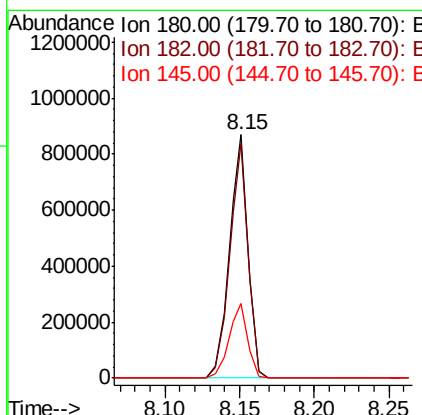
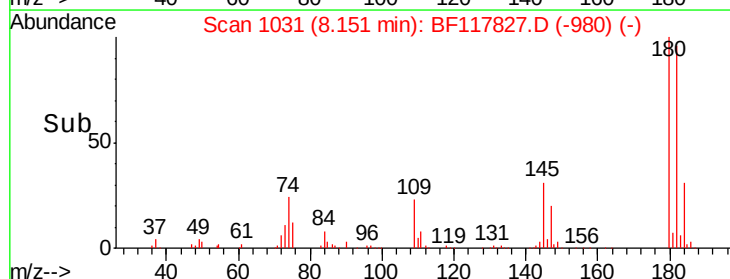
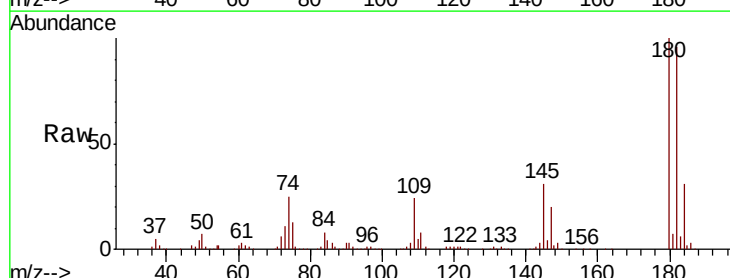
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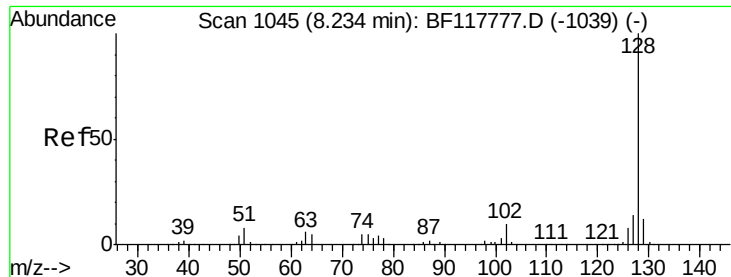
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#30
1,2,4-Trichlorobenzene
Concen: 39.539 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	763000		
182	96.4	75.8	113.6	
145	30.8	25.5	38.3	





#31

Naphthalene

Concen: 39.369 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2144659

Ion Ratio Lower Upper

128 100

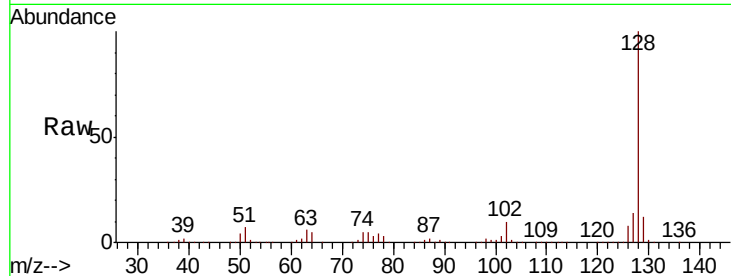
129 11.9 9.5 14.3

127 14.5 11.3 16.9

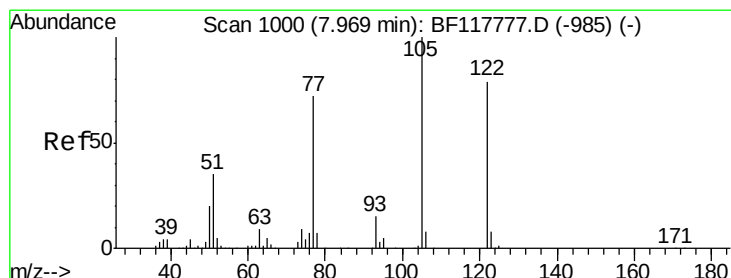
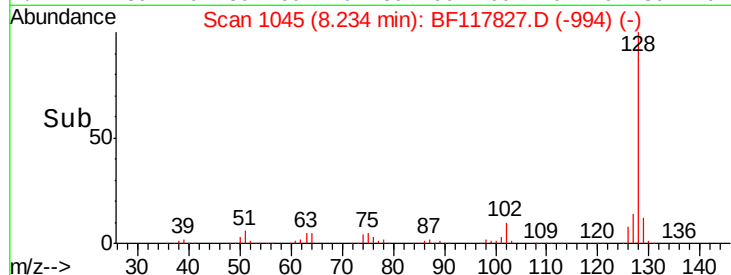
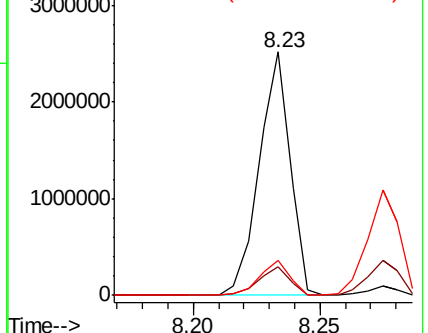
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.992 ng m

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

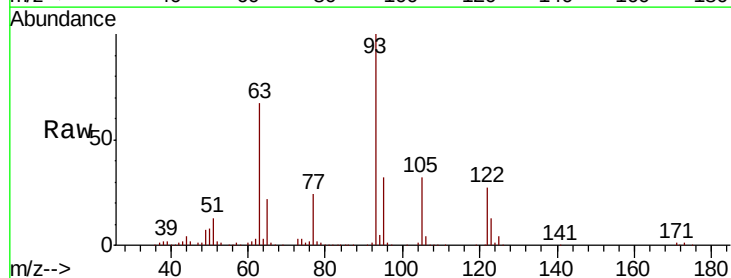
Tgt Ion:122 Resp: 269576

Ion Ratio Lower Upper

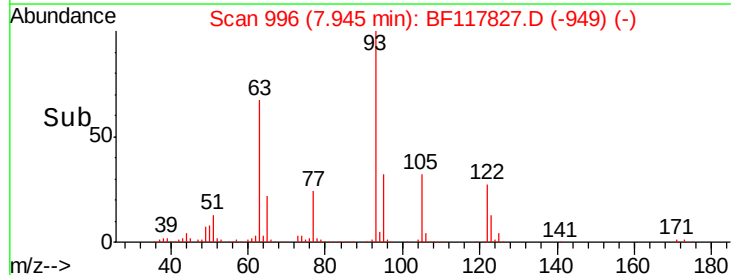
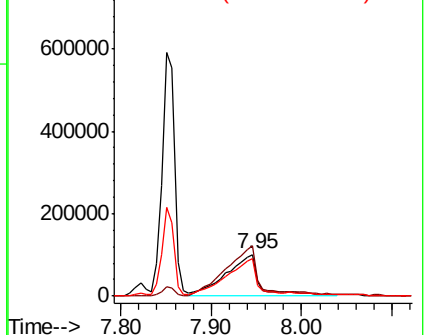
122 100

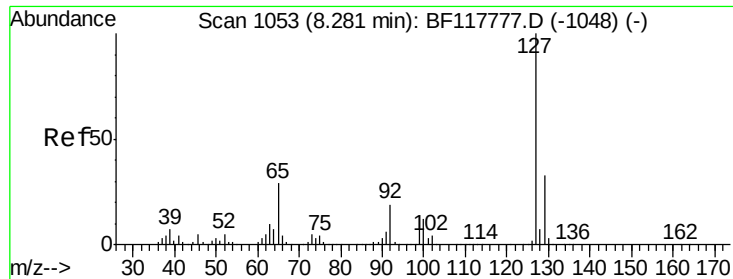
105 121.9 102.7 142.7

77 89.1 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





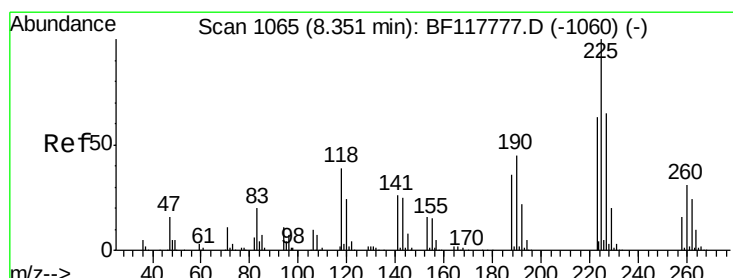
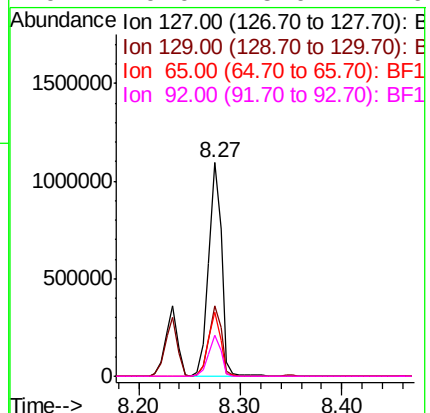
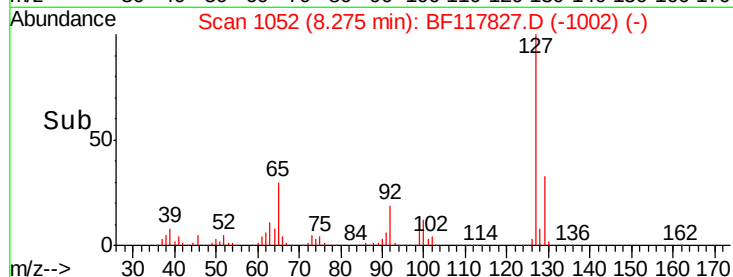
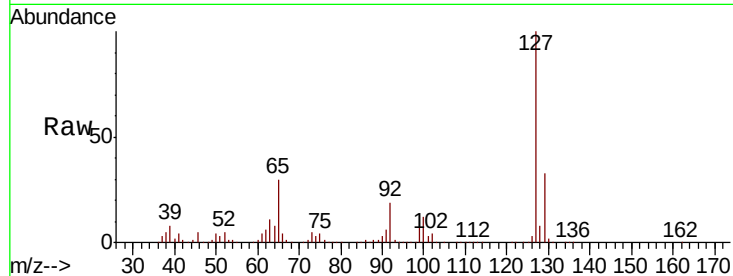
#33
4-Chloroaniline
Concen: 39.683 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.5	39.7		
65	29.8	22.9	34.3		
92	19.0	15.0	22.6		

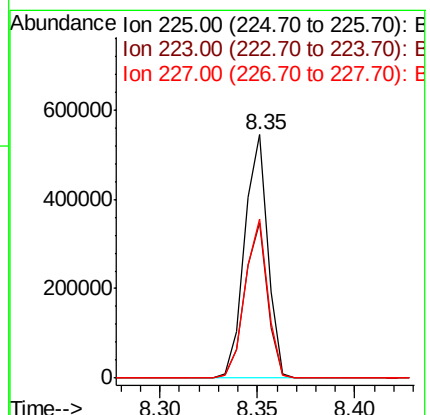
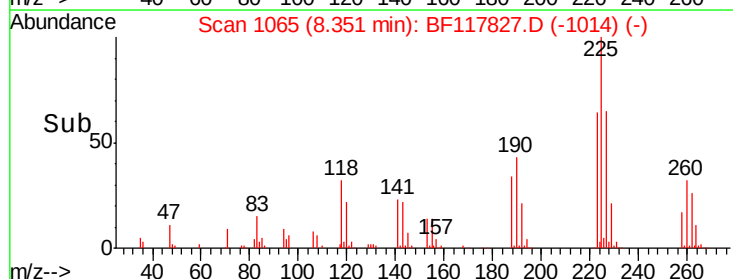
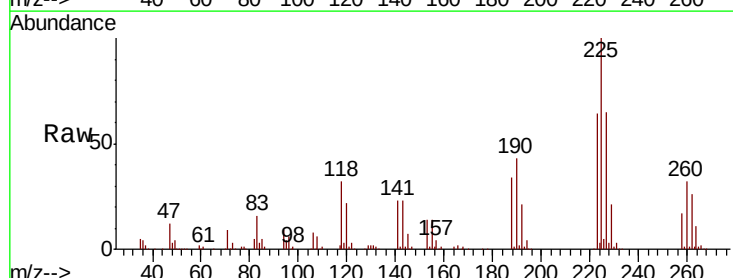
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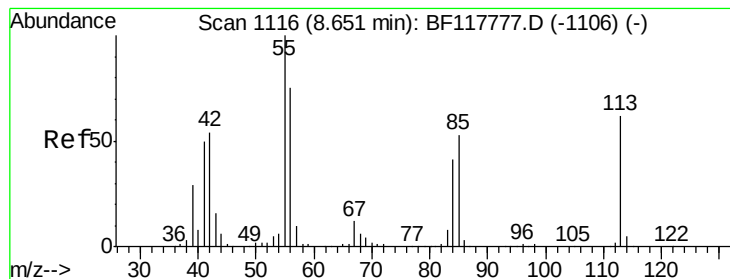
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#34
Hexachlorobutadiene
Concen: 39.769 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.0	75.0		
227	65.1	51.8	77.6		





#35

Caprolactam

Concen: 38.665 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

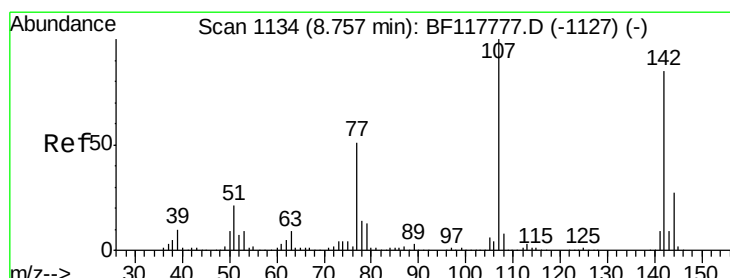
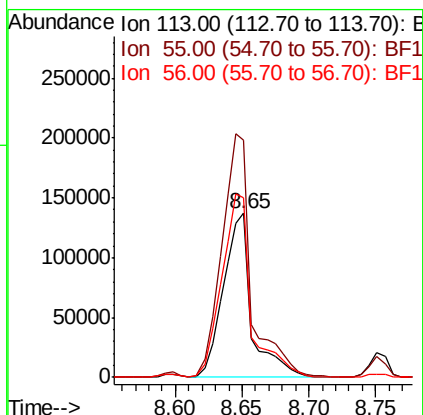
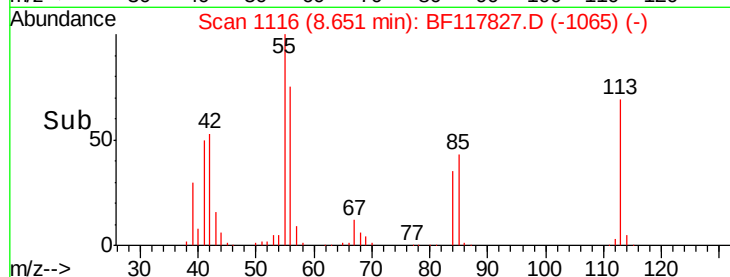
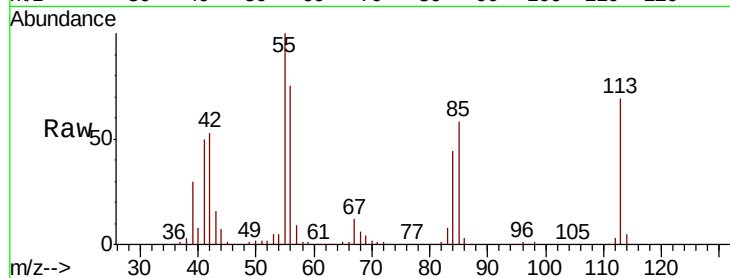
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	204434
Ion	Ratio	Lower	Upper
113	100		
55	145.2	141.1	181.1
56	109.4	100.5	140.5

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#36

4-Chloro-3-methylphenol

Concen: 39.438 ng

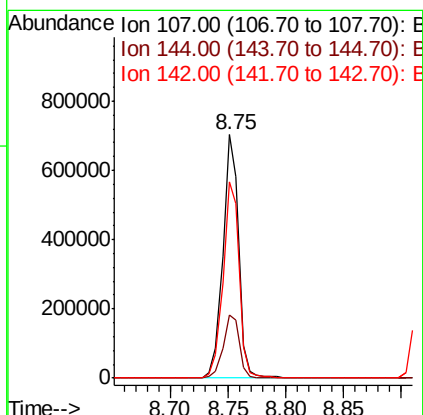
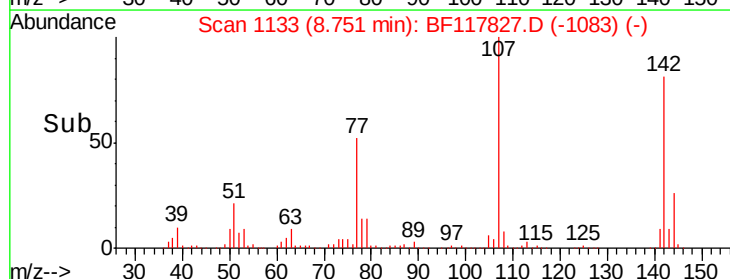
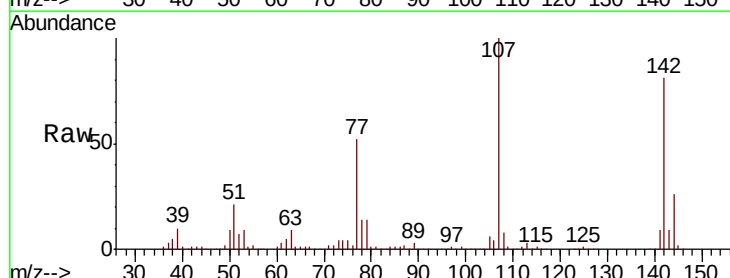
RT: 8.75 min Scan# 1133

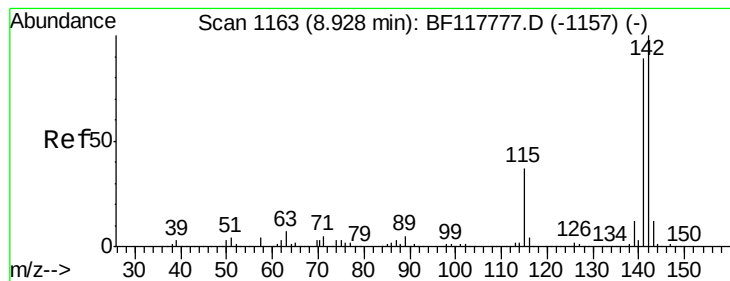
Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	107	Resp:	665864
Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.9	32.9
142	80.5	67.7	101.5





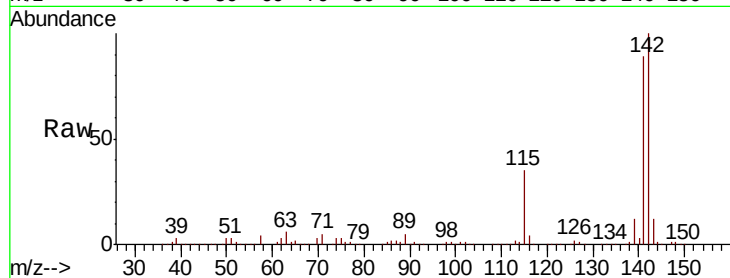
#37
2-Methylnaphthalene
Concen: 39.043 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

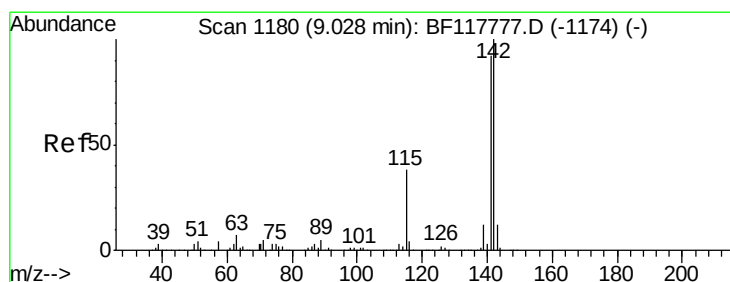
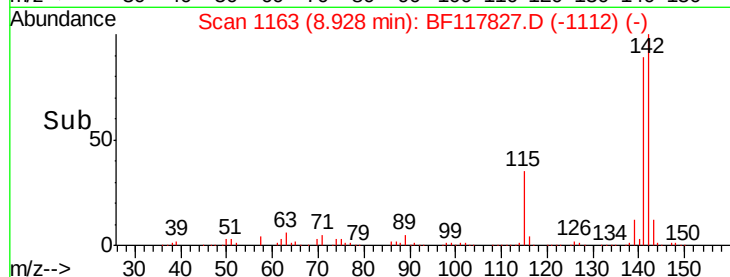
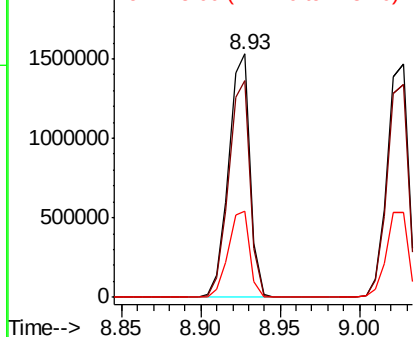
Tot Ion:142 Resp: 1437046
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7
115 35.2 29.2 43.8

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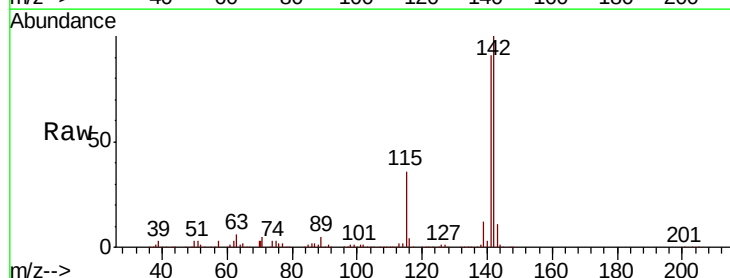


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

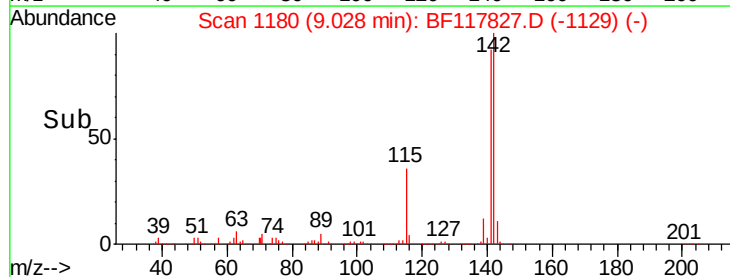
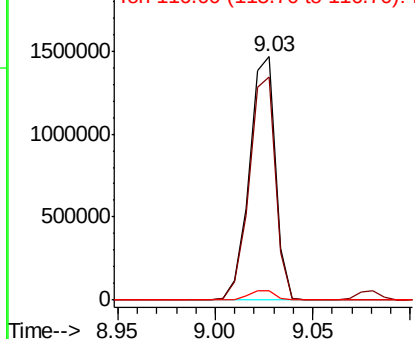


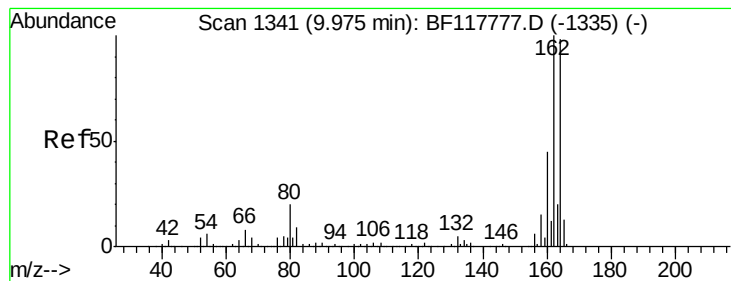
#38
1-Methylnaphthalene
Concen: 39.151 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:142 Resp: 1362372
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

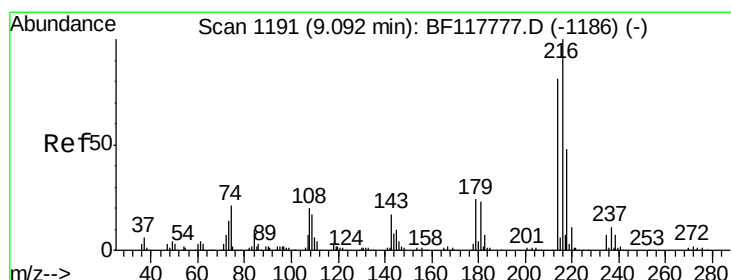
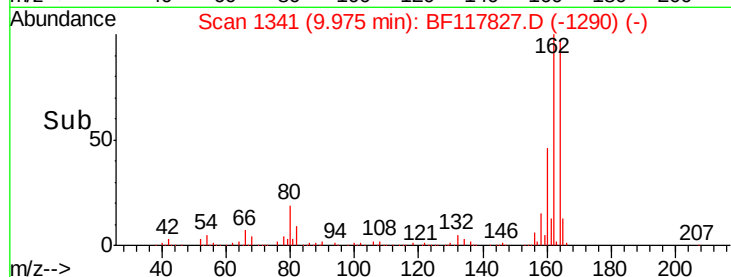
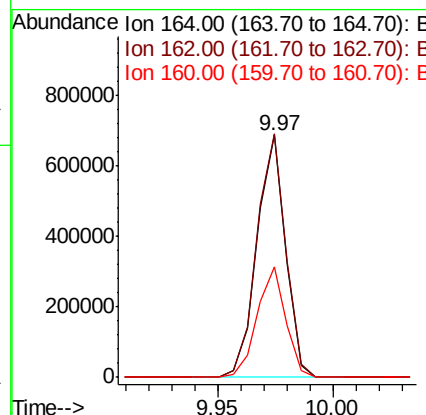
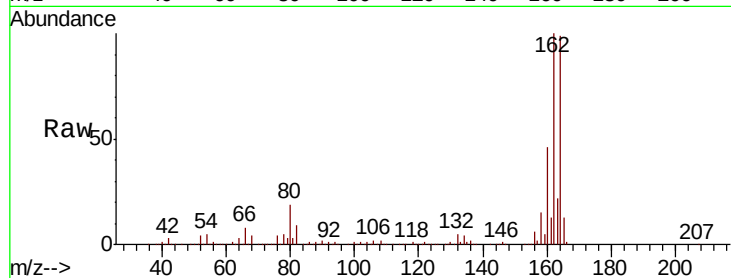
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	593454
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.3	121.9
160	45.9	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.878 ng

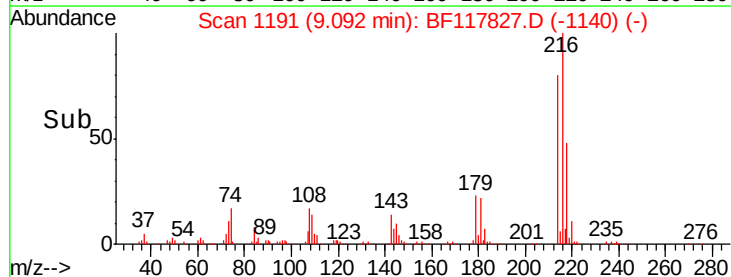
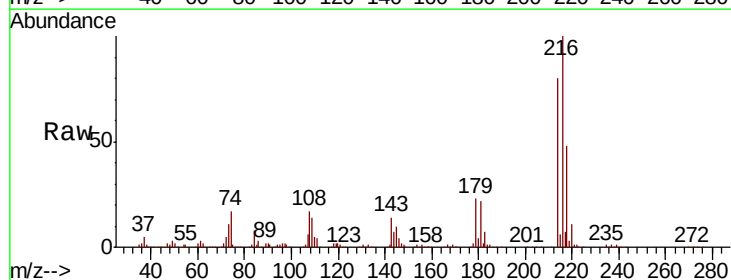
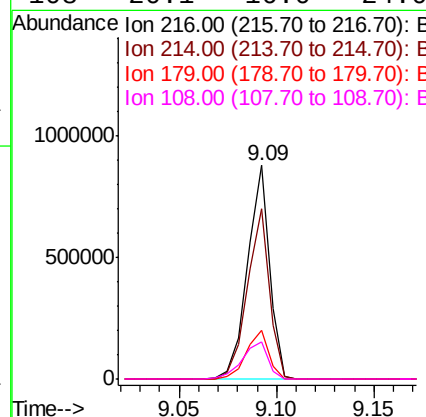
RT: 9.09 min Scan# 1191

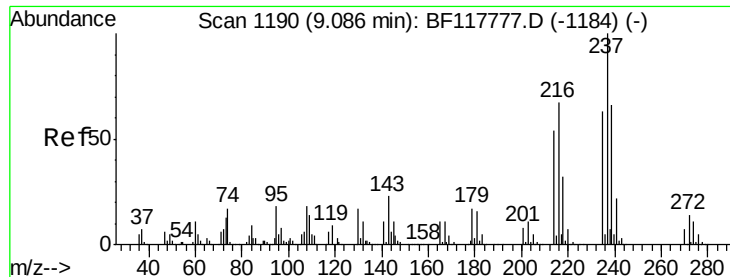
Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	216	Resp:	687285
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.0
179	23.3	18.2	27.4
108	20.1	16.0	24.0





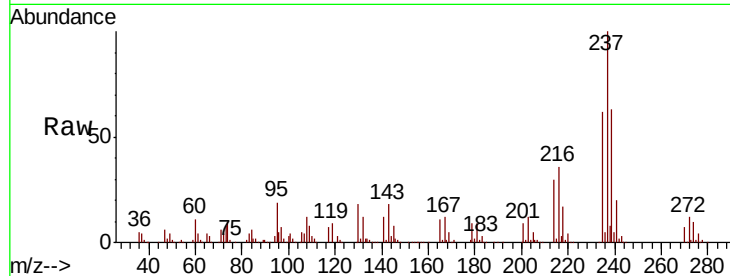
#41
Hexachlorocyclopentadiene
Concen: 38.840 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

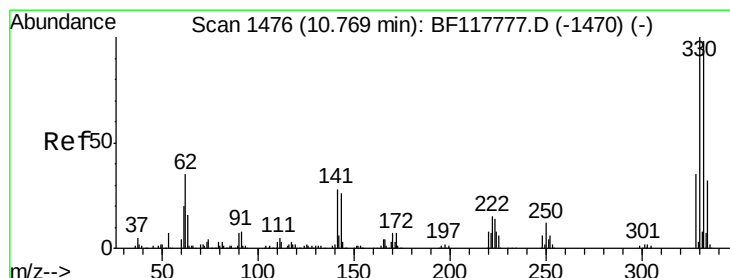
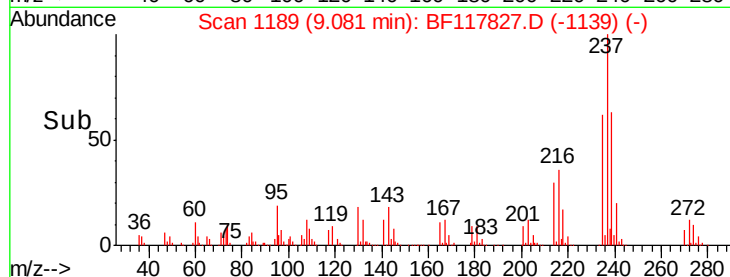
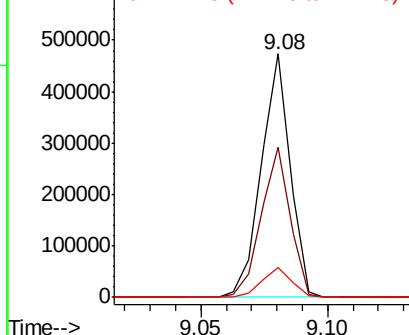
Tot Ion:	237	Resp:	375123
Ion Ratio	Lower	Upper	
237	100		
235	61.5	42.6	82.6
272	12.3	0.0	34.3

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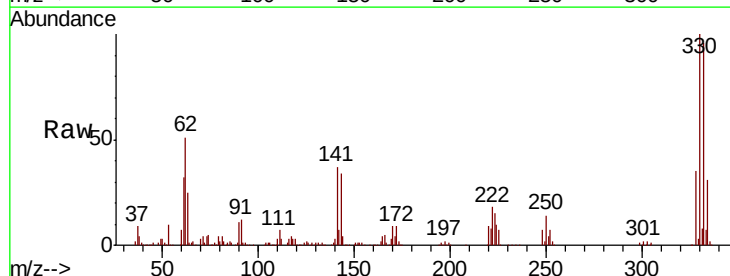


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

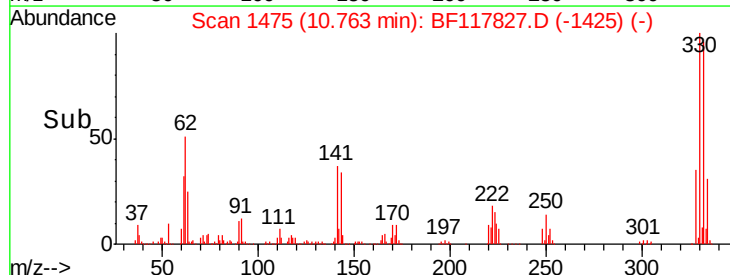
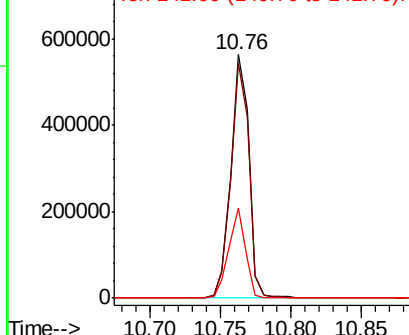


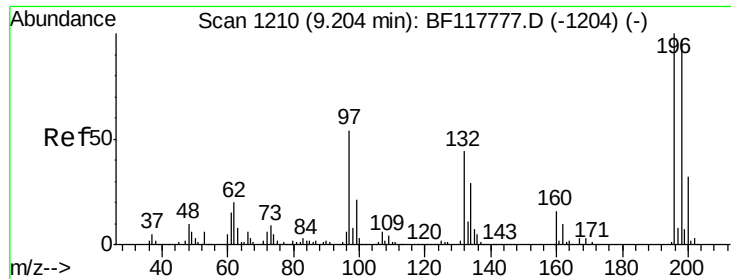
#42
2,4,6-Tribromophenol
Concen: 80.063 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:	330	Resp:	503025
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.7	115.1
141	34.5	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





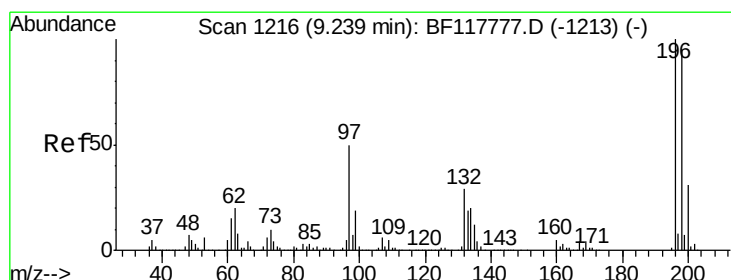
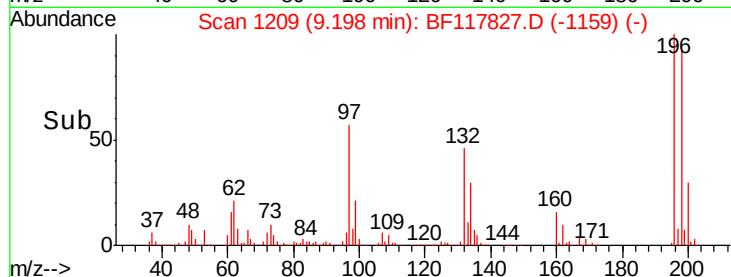
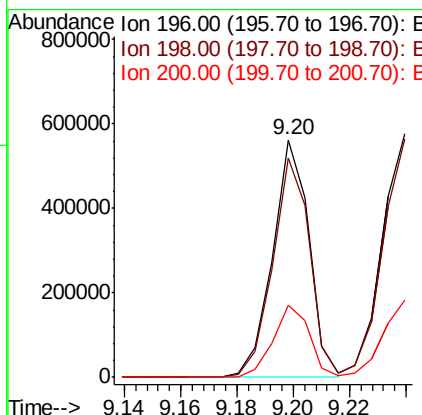
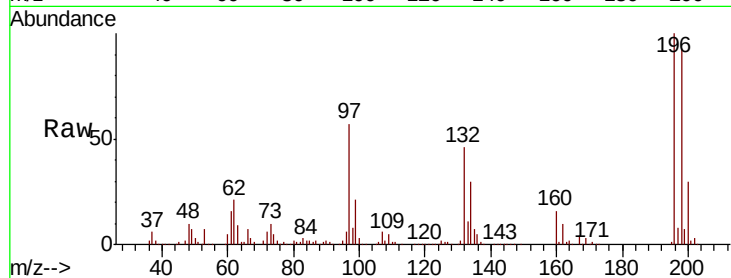
#43
 2,4,6-Trichlorophenol
 Concen: 40.678 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	502146
Ion	Ratio	Lower	Upper
196	100		
198	92.6	77.8	116.6
200	30.5	25.4	38.0

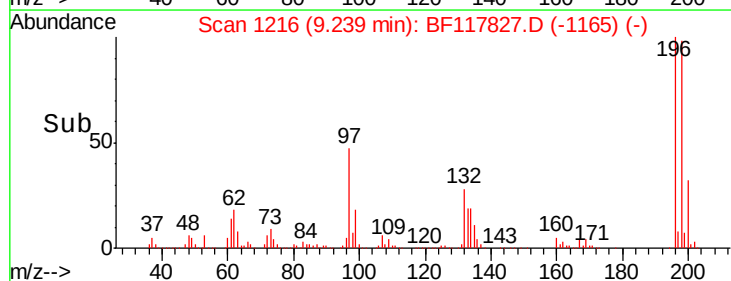
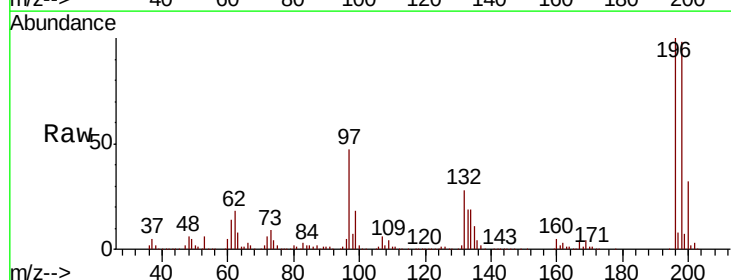
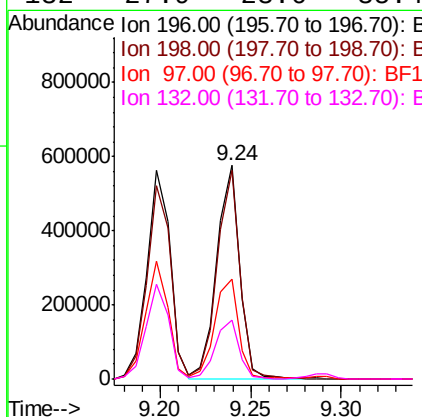
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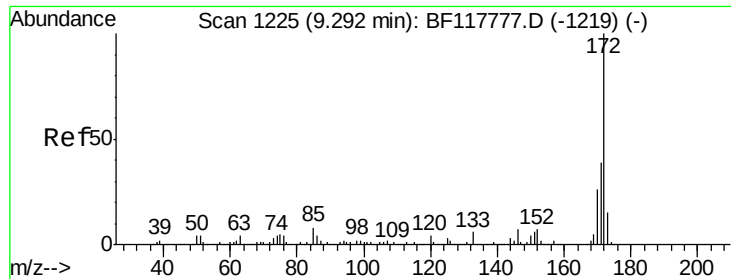
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.458 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	196	Resp	505731
Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.3	114.5
97	46.9	40.0	60.0
132	27.9	23.6	35.4





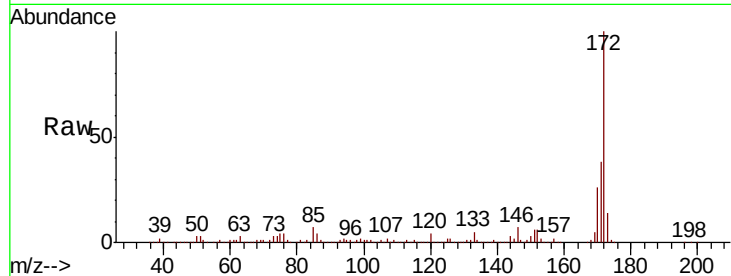
#45
2-Fluorobiphenyl
Concen: 84.125 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.9	46.3
170	26.1	21.0	31.4

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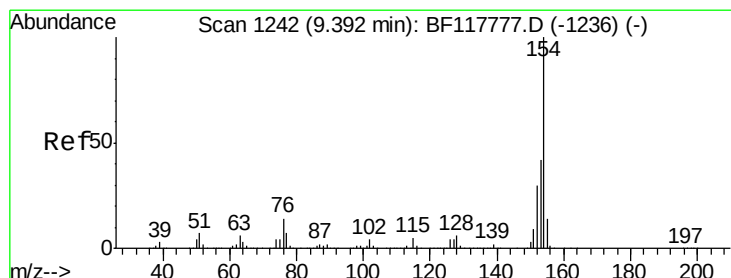
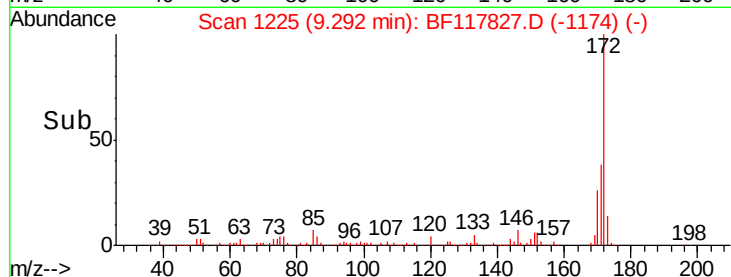
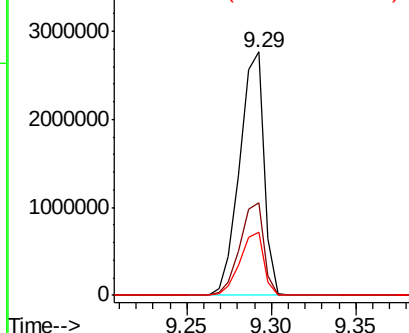


Abundance

Ion 172.00 (171.70 to 172.70): E

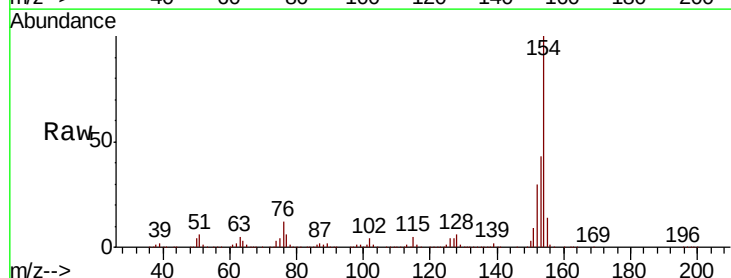
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.835 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.9	61.9
76	12.4	0.0	33.6

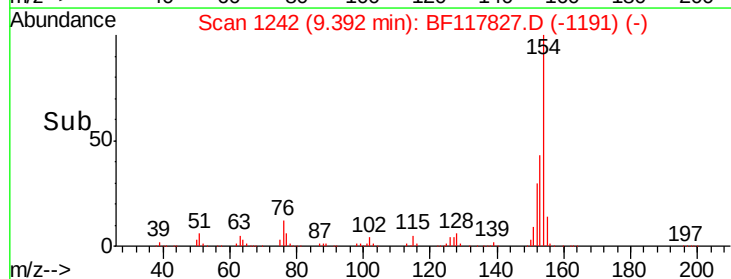
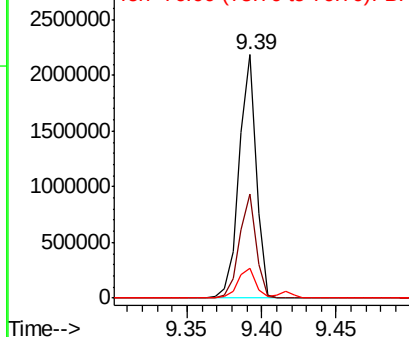


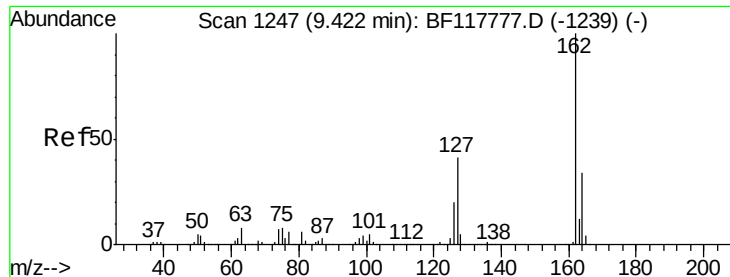
Abundance

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: 39.879 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 162 Resp: 1444420

Ion Ratio Lower Upper

162 100

127 42.7 33.2 49.8

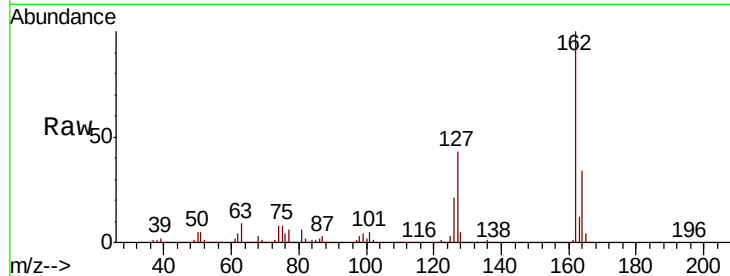
164 33.7 27.3 40.9

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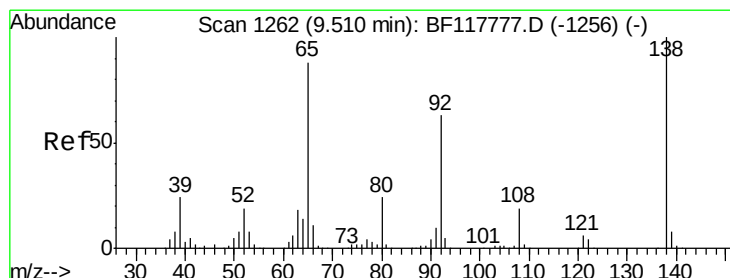
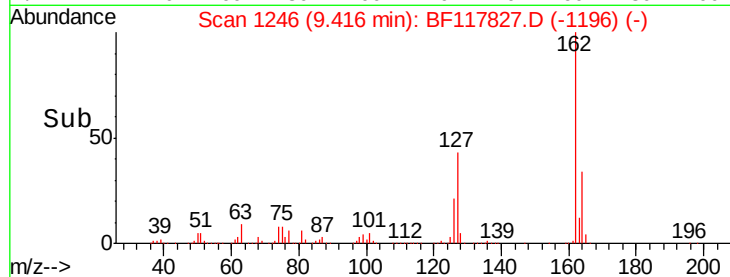
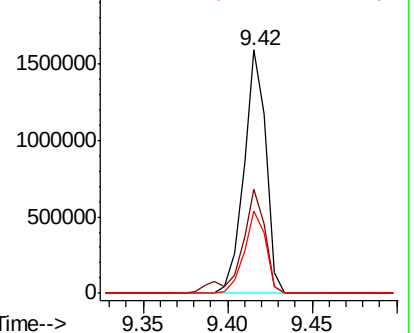
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.001 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

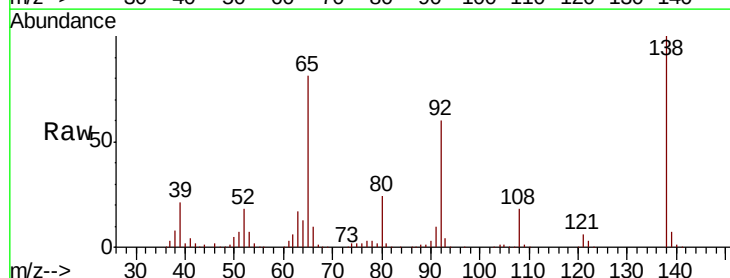
Tgt Ion: 65 Resp: 448349

Ion Ratio Lower Upper

65 100

92 73.8 56.6 84.8

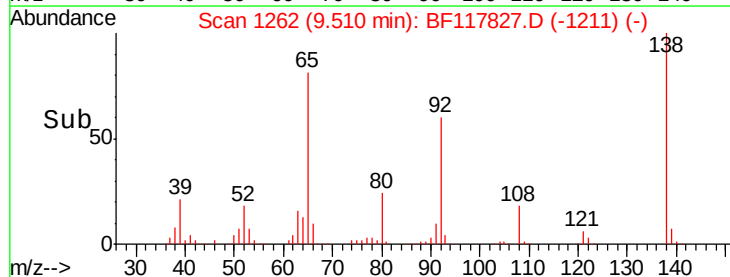
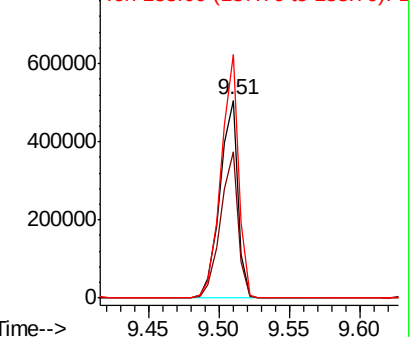
138 123.3 90.5 135.7

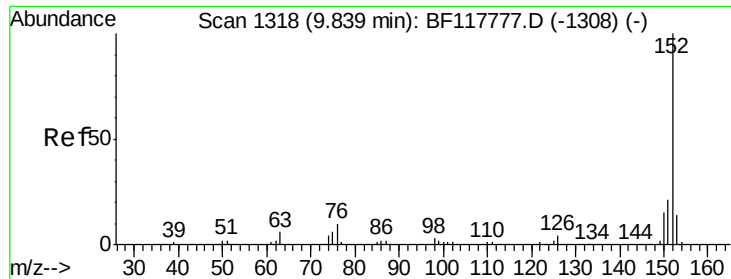


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.037 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2114253

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

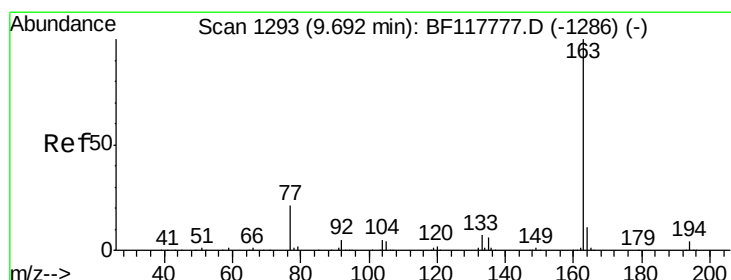
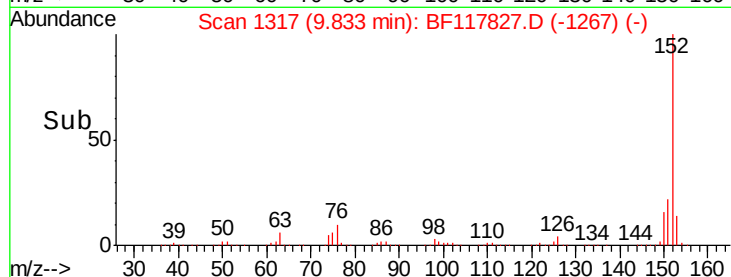
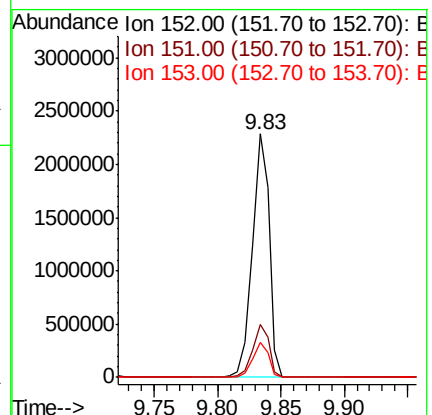
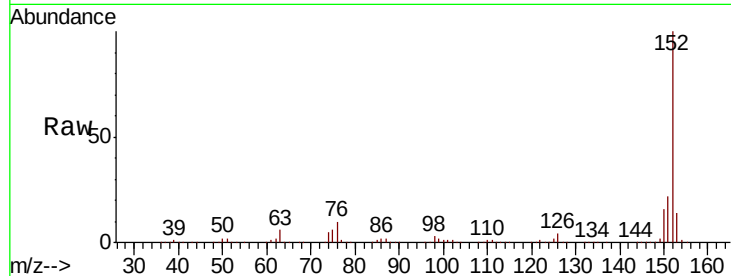
153 14.2 11.0 16.6

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#50

Dimethylphthalate

Concen: 39.145 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

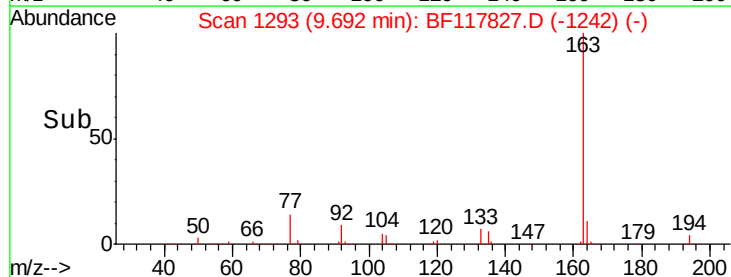
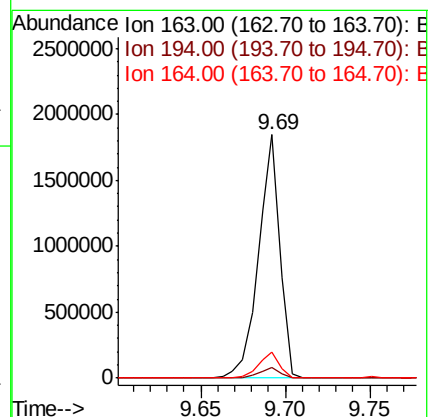
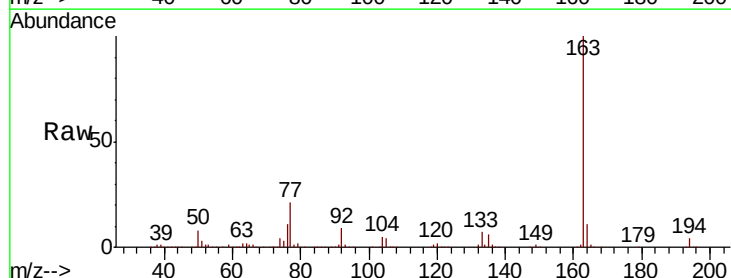
Tgt Ion:163 Resp: 1629056

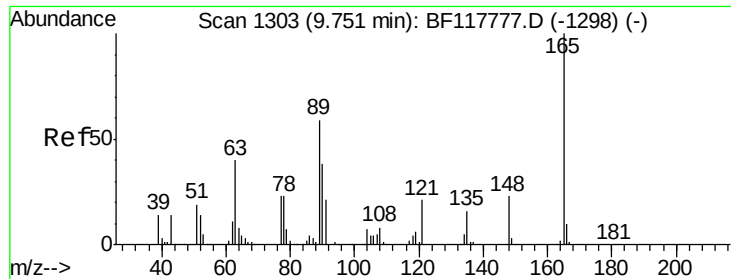
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.7 8.7 13.1





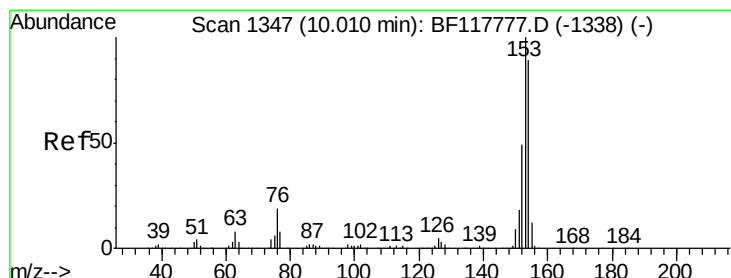
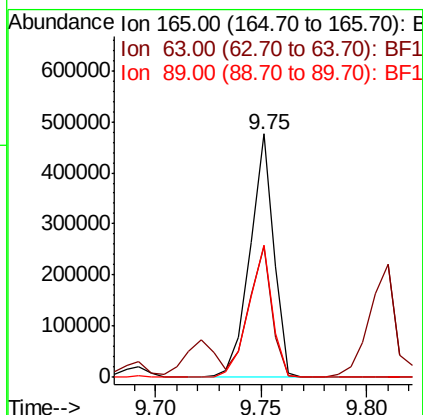
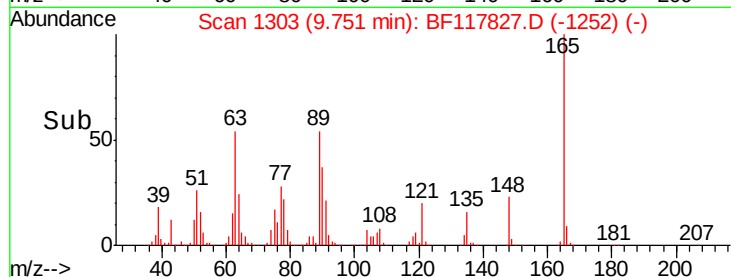
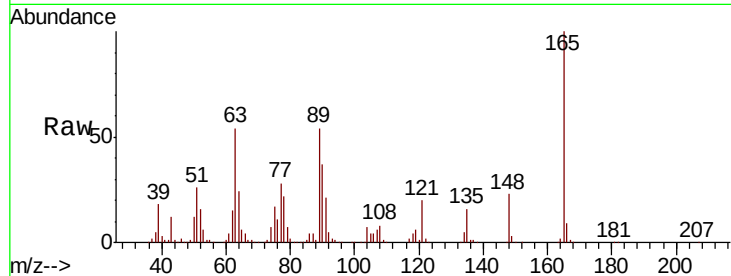
#51
2,6-Dinitrotoluene
Concen: 41.133 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	374113		
63	53.8	46.0	69.0	
89	54.2	47.7	71.5	

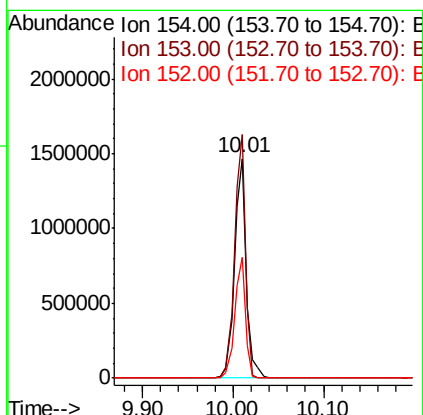
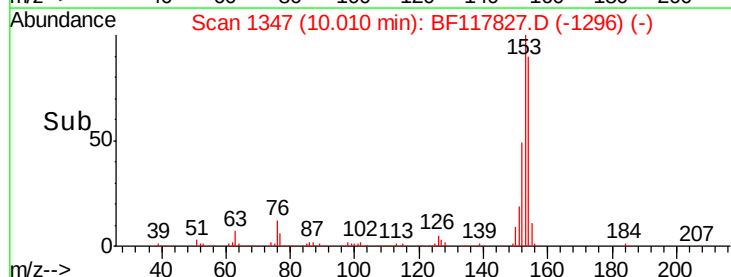
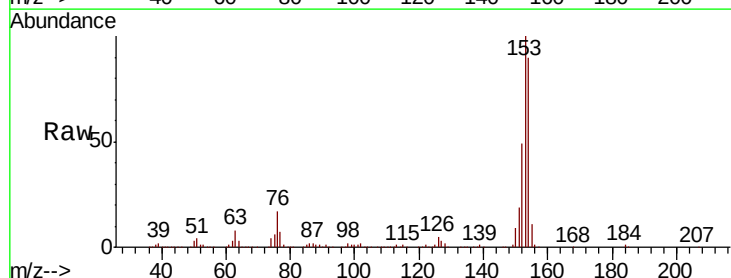
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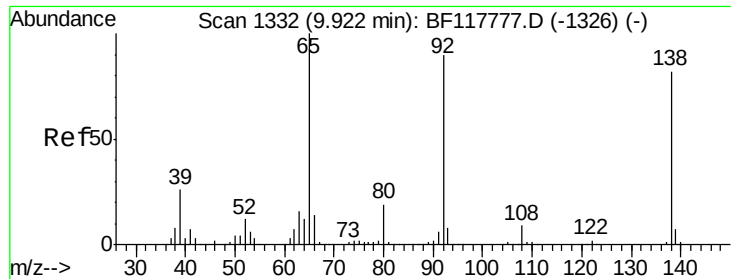
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#52
Acenaphthene
Concen: 39.312 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1329858		
153	111.0	90.1	135.1	
152	54.7	44.0	66.0	





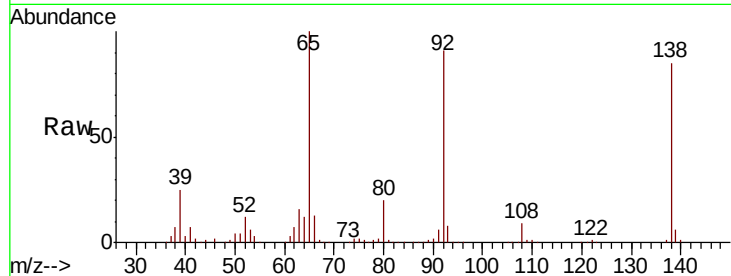
#53
3-Nitroaniline
Concen: 41.153 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	12.8
92	107.8	87.9	131.9

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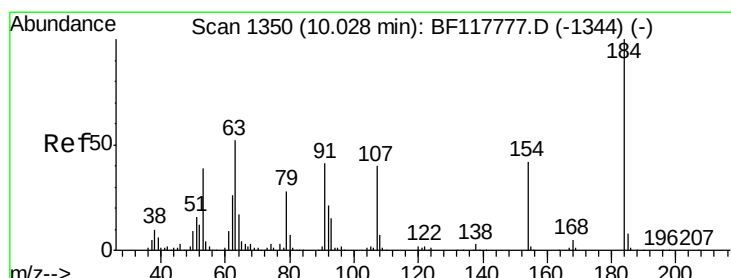
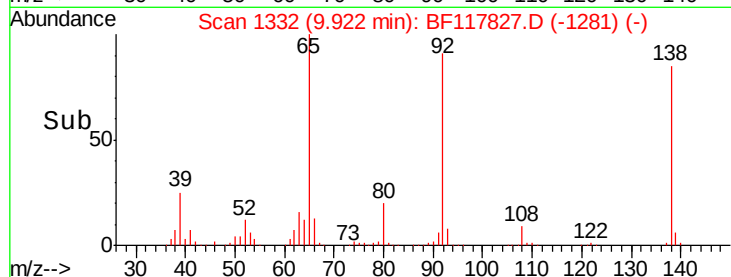
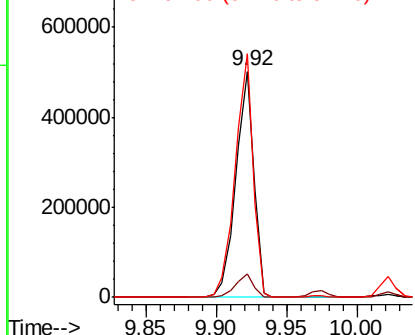


Abundance

Ion 138.00 (137.70 to 138.70): E

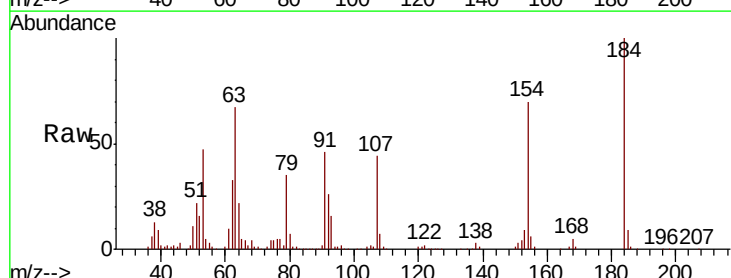
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 35.788 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.1	43.0	64.6#
154	69.7	48.0	72.0

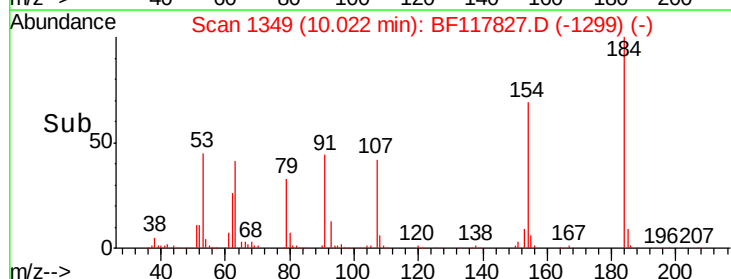
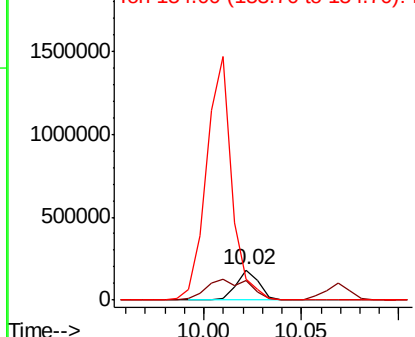


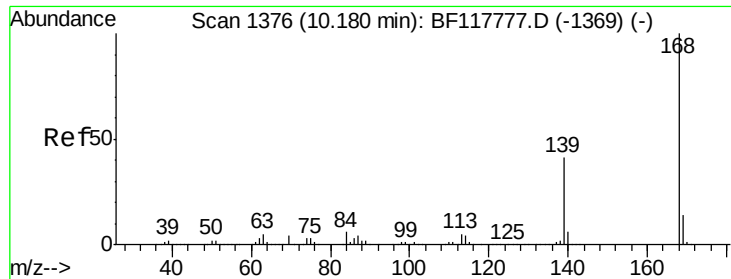
Abundance

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





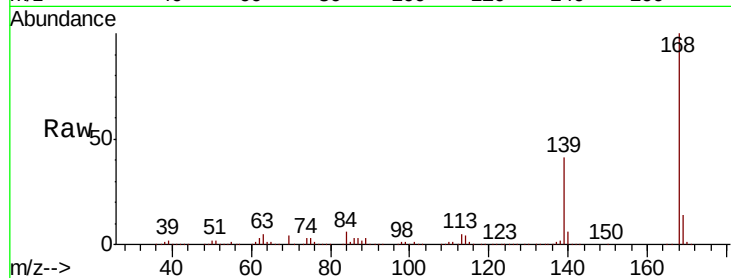
#55
Dibenzenofuran
Concen: 39.540 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	33.0	49.6
169	14.1	11.5	17.3

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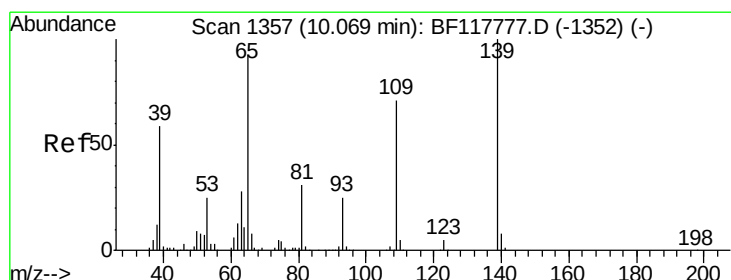
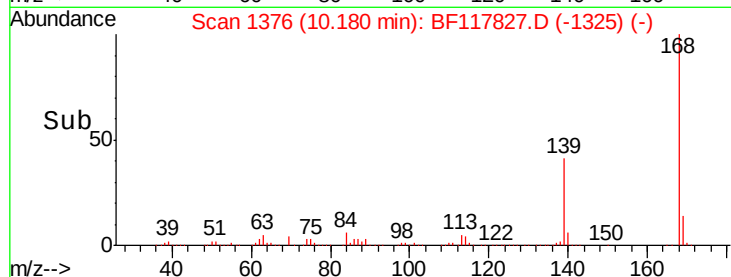
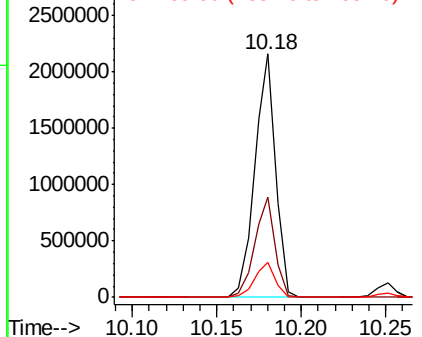


Abundance

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: 41.378 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

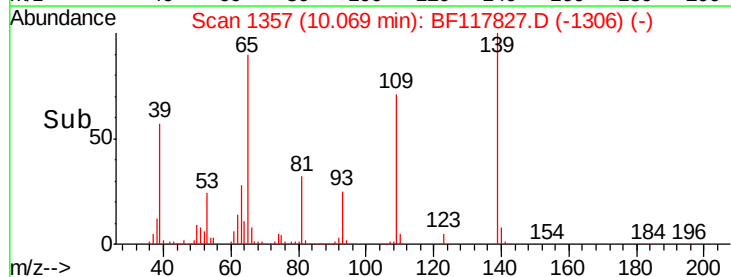
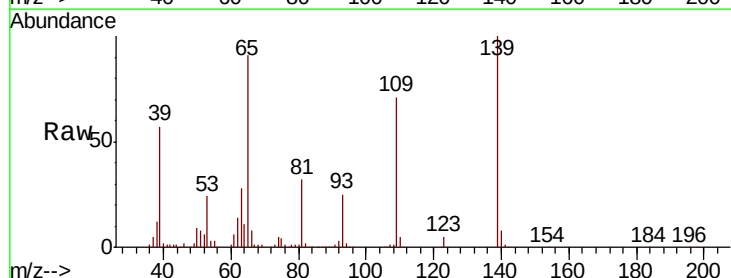
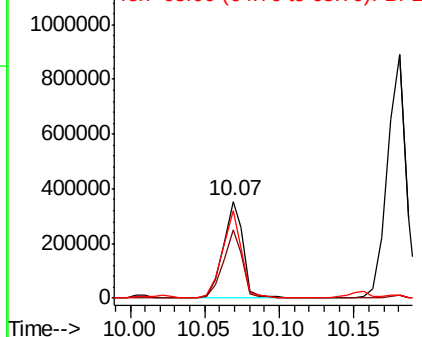
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.8	50.8	90.8
65	90.5	73.6	113.6

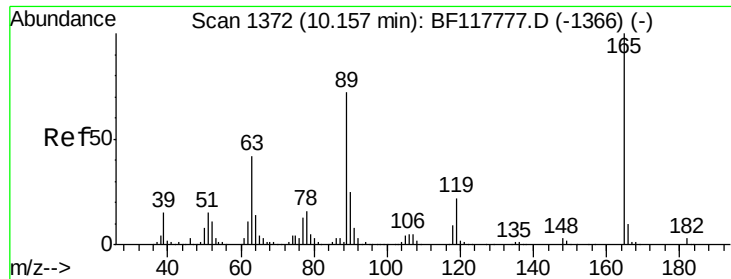
Abundance

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





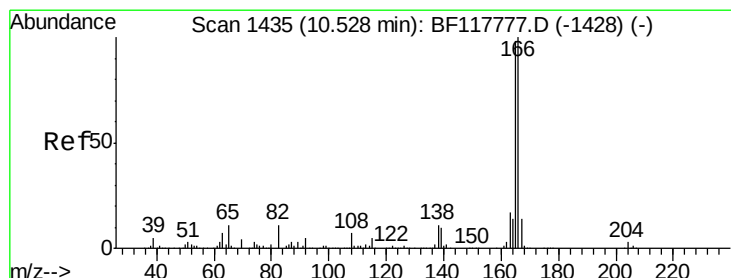
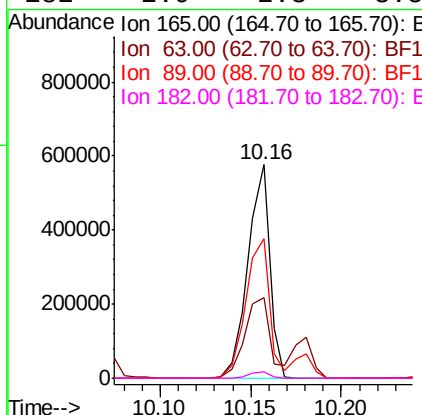
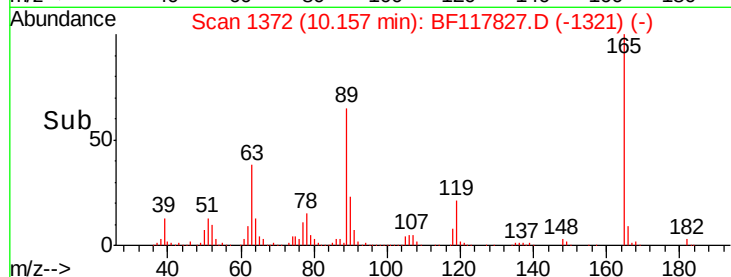
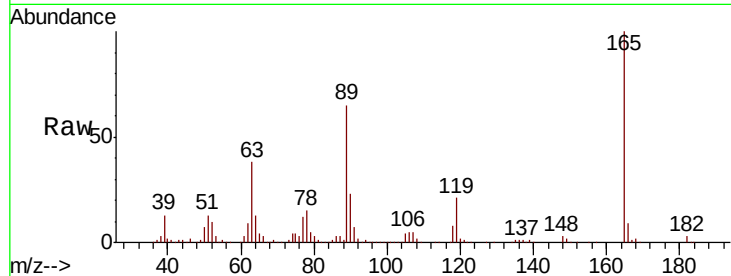
#57
2,4-Dinitrotoluene
Concen: 41.843 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		484106		
63	37.9	33.7	50.5		
89	65.3	57.3	85.9		
182	2.9	2.3	3.5		

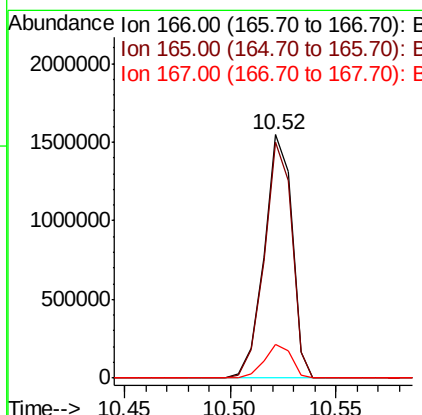
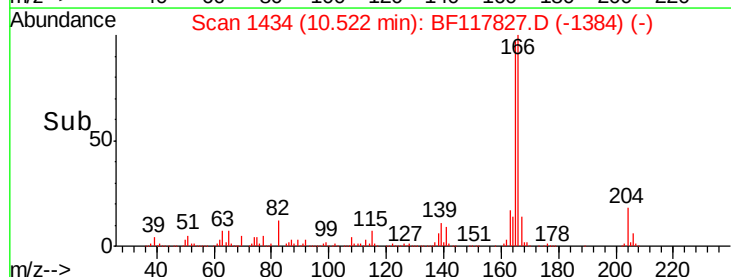
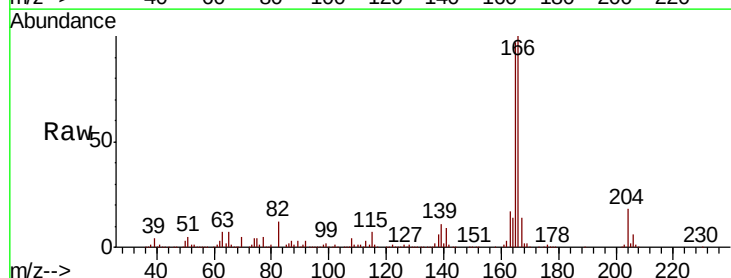
Manual Integrations
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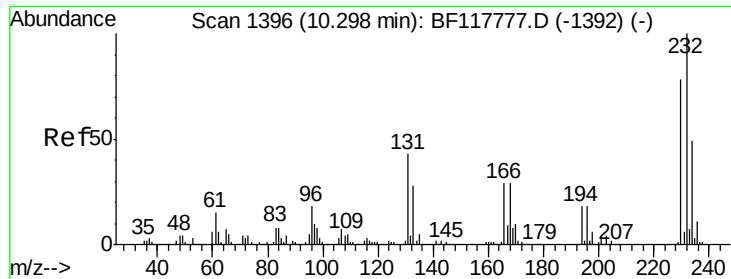
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#58
Fluorene
Concen: 39.081 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1418670		
165	97.1	78.4	117.6		
167	13.7	11.0	16.4		





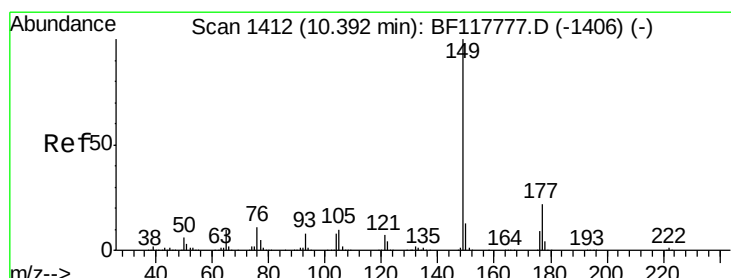
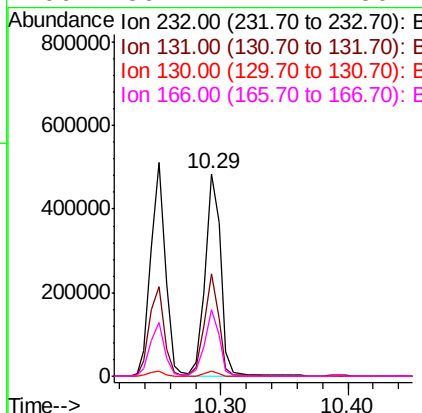
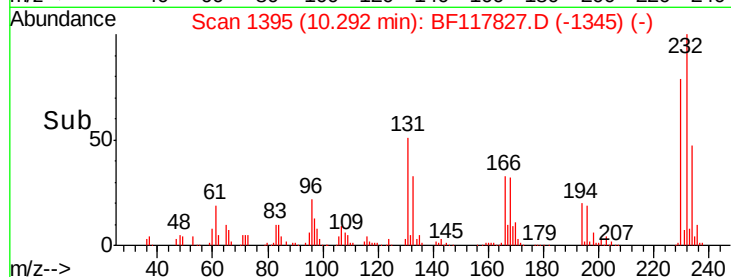
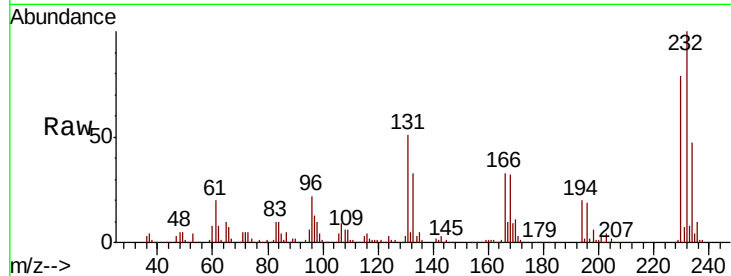
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.342 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.6	56.4
130	2.3	1.9	2.9
166	30.7	24.2	36.4

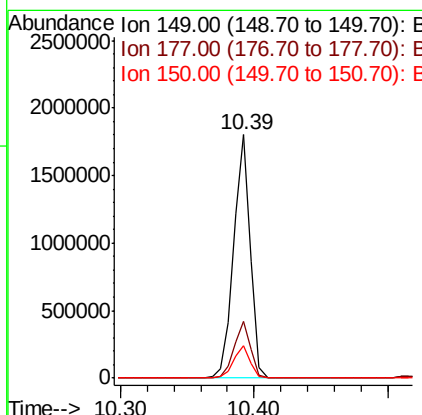
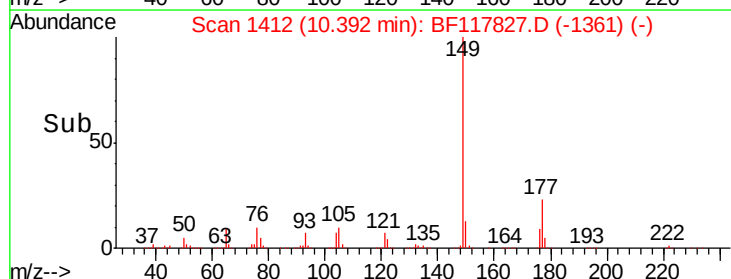
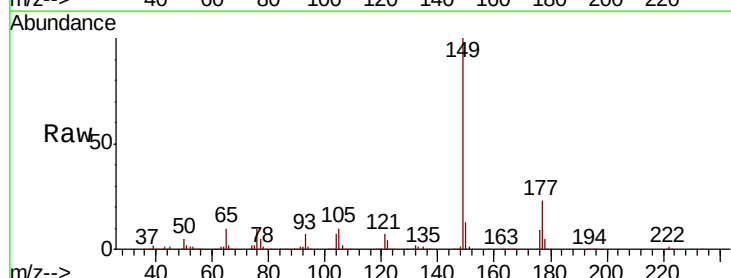
Manual Integrations
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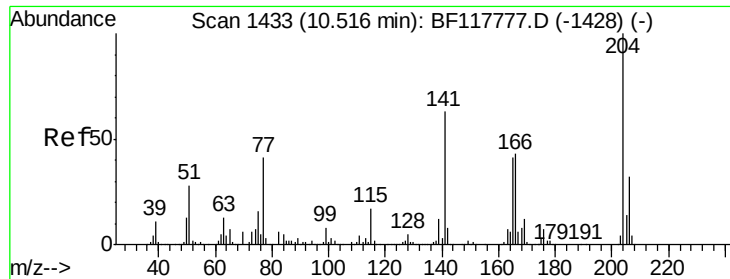
mohammad
11/19/2019 2:35:22 PM



#60
Diethylphthalate
Concen: 38.873 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.0	27.0
150	13.2	10.5	15.7





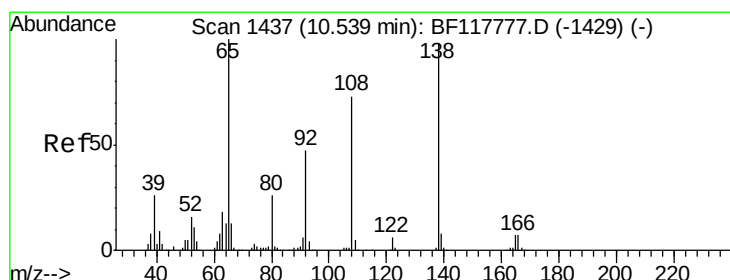
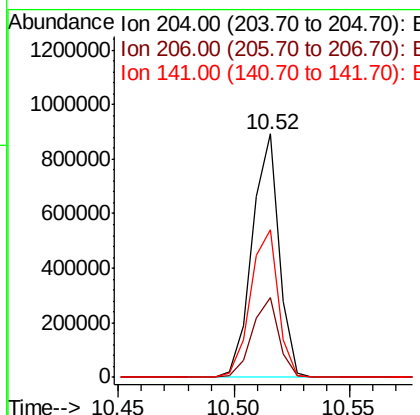
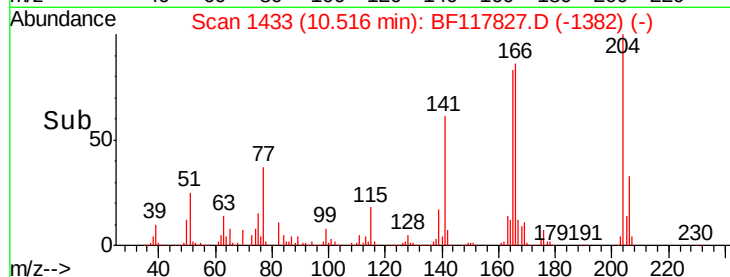
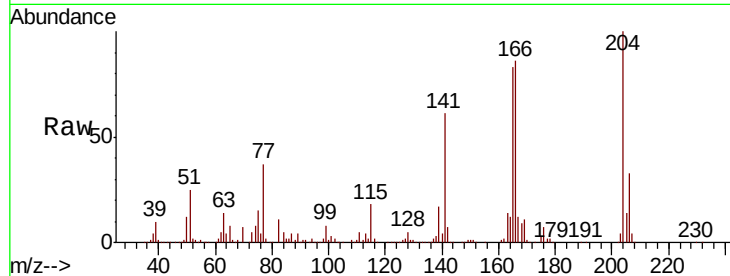
#61
 4-Chlorophenyl-phenylether
 Concen: 39.446 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	726671
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.6	38.4
141	60.6	50.7	76.1

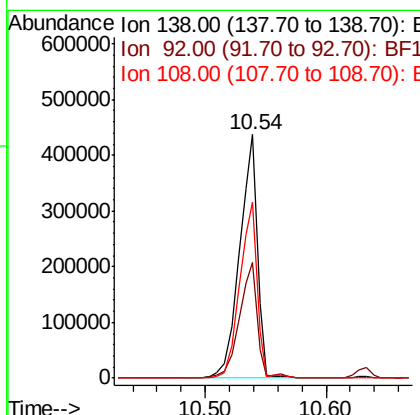
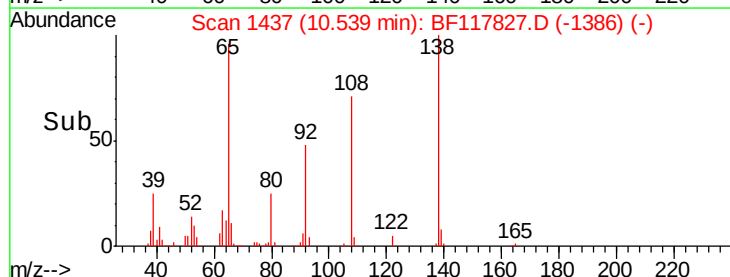
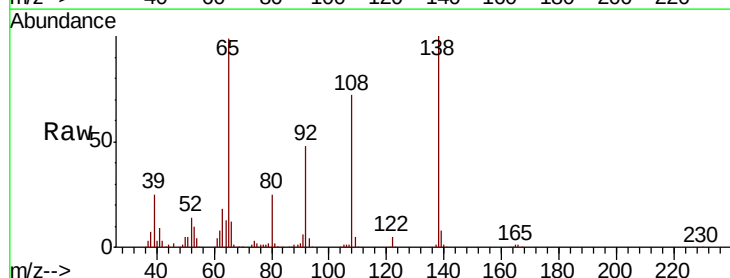
Manual Integrations
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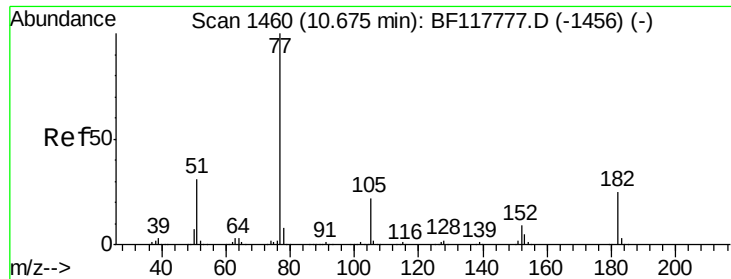
mohammad
 11/19/2019 2:35:22 PM



#62
 4-Nitroaniline
 Concen: 41.295 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion:	138	Resp:	449984
Ion Ratio	Lower	Upper	
138	100		
92	47.7	28.3	68.3
108	72.2	54.3	94.3





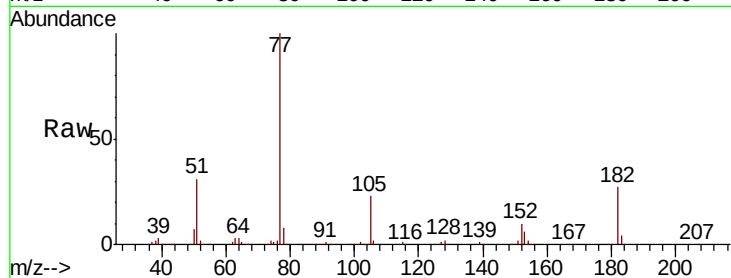
#63
Azobenzene
Concen: 39.270 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.8	44.8
105	22.7	2.1	42.1
51	30.9	11.4	51.4

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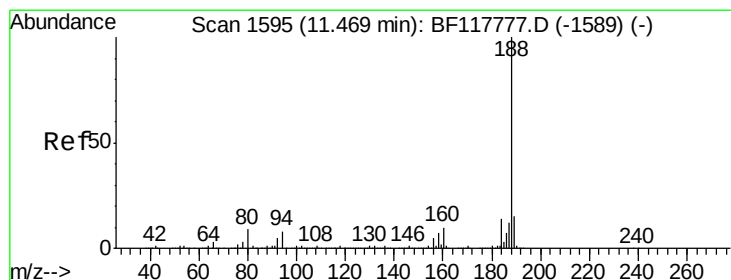
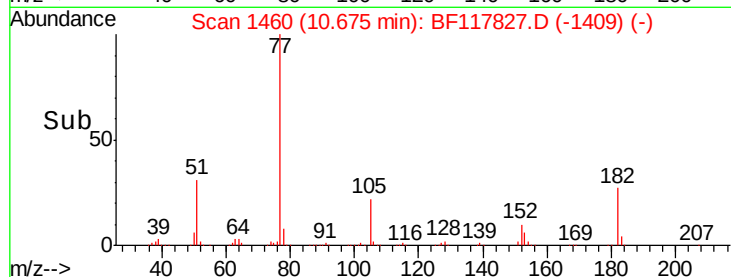
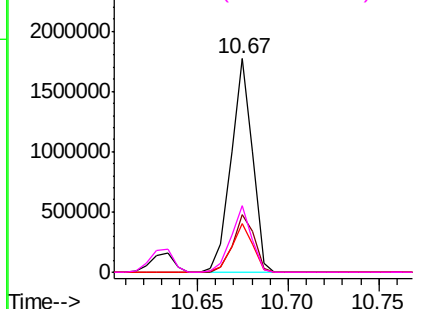
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

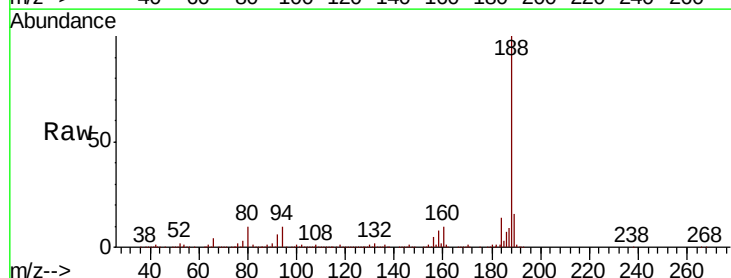
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	10.2	7.2	10.8

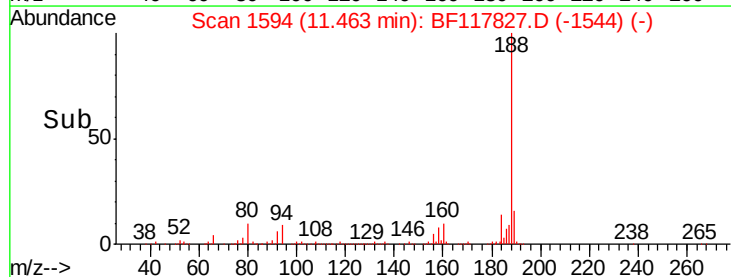
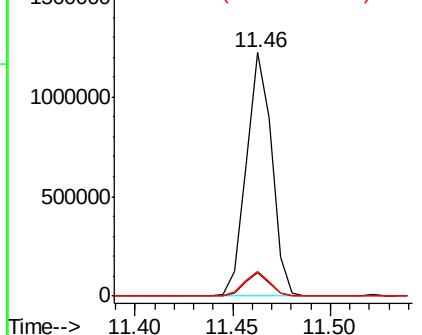


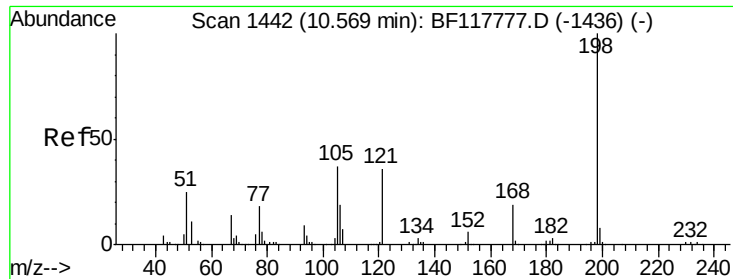
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.471 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 208377

Ion Ratio Lower Upper

198 100

51 47.5 16.0 56.0

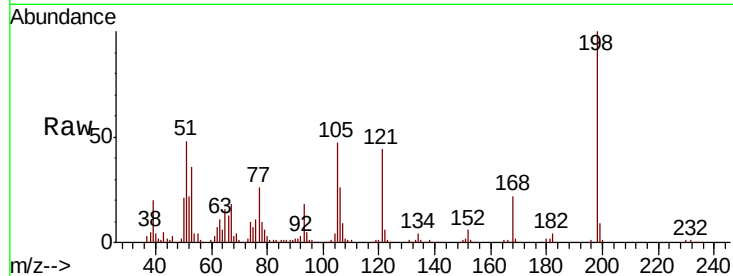
105 47.0 19.1 59.1

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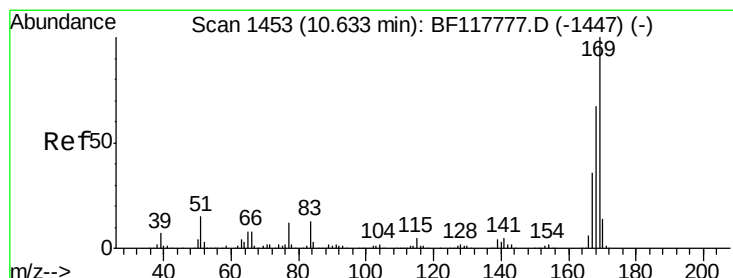
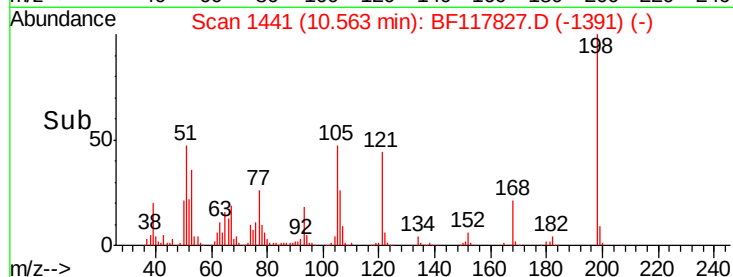
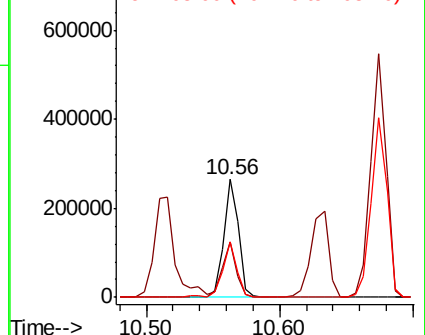
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.267 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

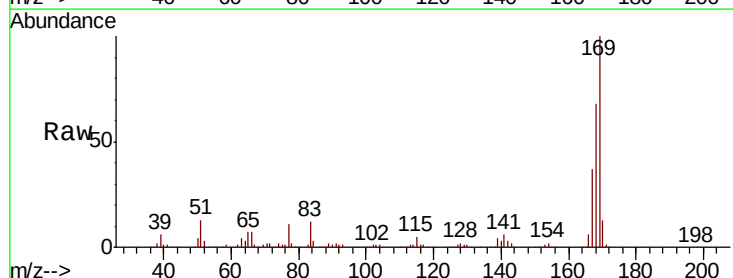
Tgt Ion:169 Resp: 1260394

Ion Ratio Lower Upper

169 100

168 68.0 53.5 80.3

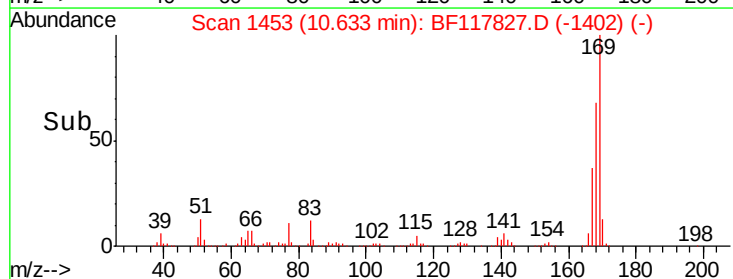
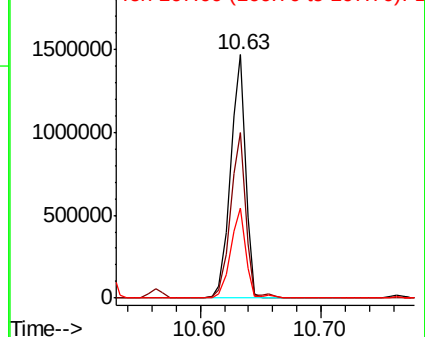
167 37.1 29.0 43.4

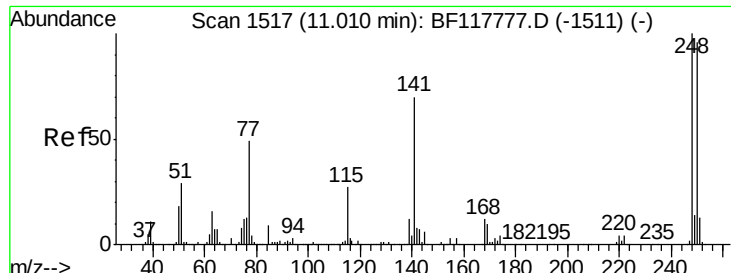


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





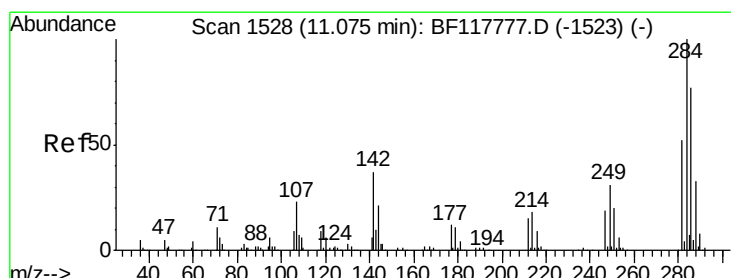
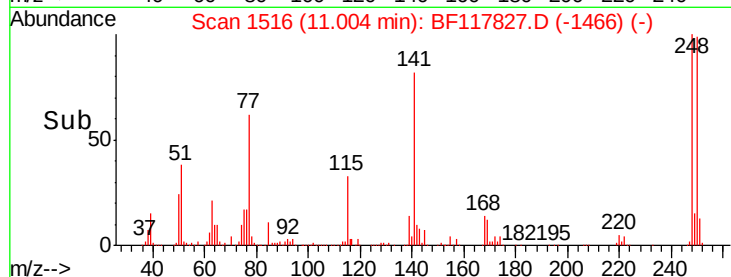
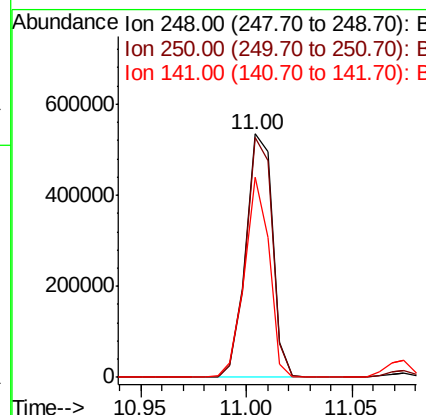
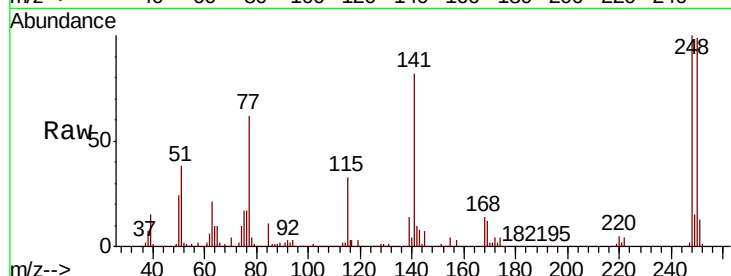
#67
4-Bromophenyl-phenylether
Concen: 39.607 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.6	115.0
141	82.1	55.9	83.9

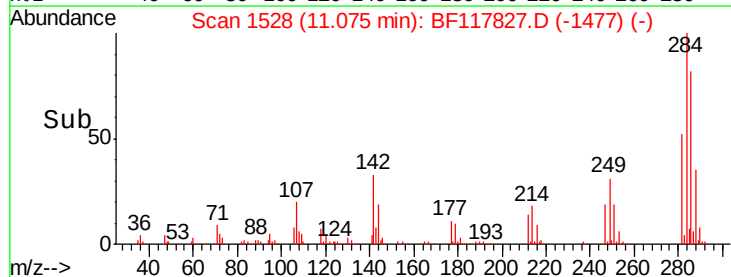
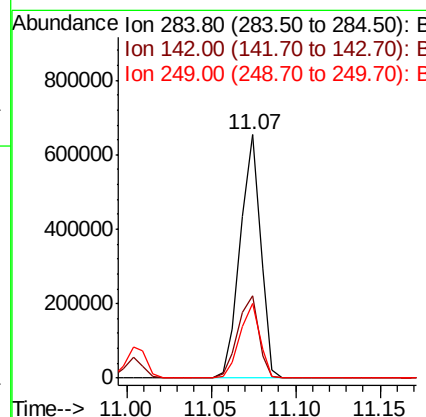
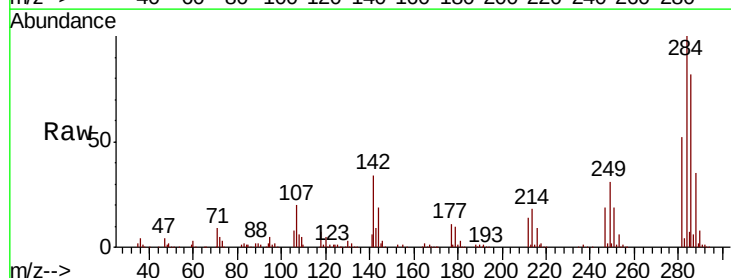
Manual Integrations
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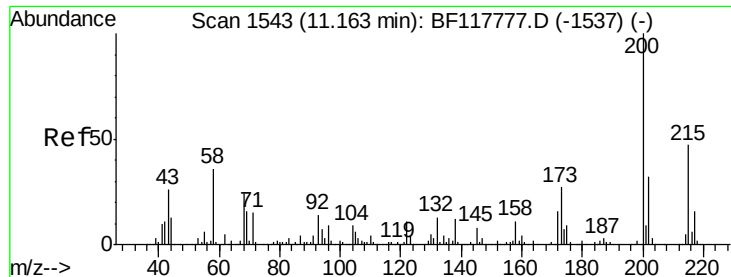
mohammad
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#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.4	44.2
249	30.9	24.6	37.0





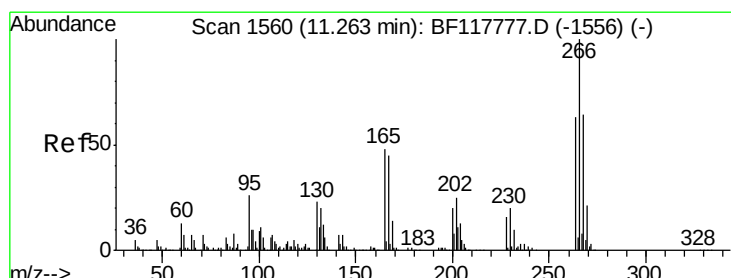
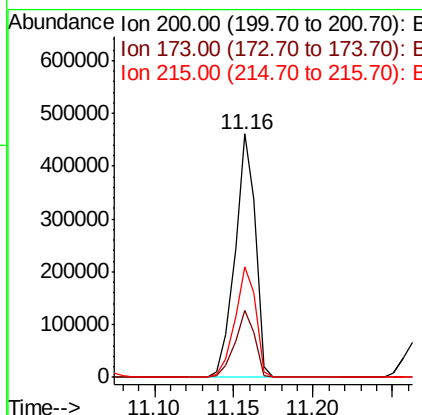
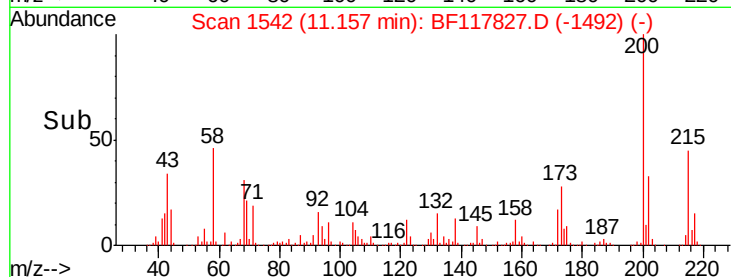
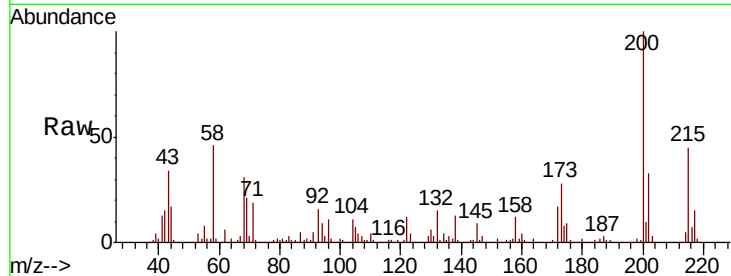
#69
 Atrazine
 Concen: 38.757 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.7	46.7
215	45.5	27.5	67.5

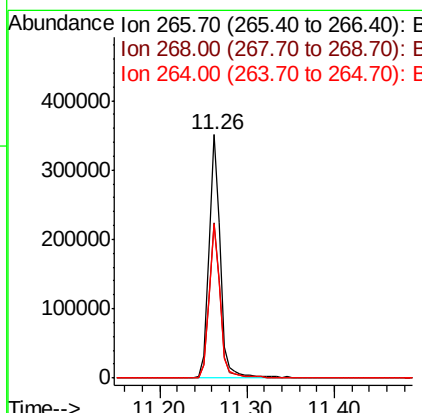
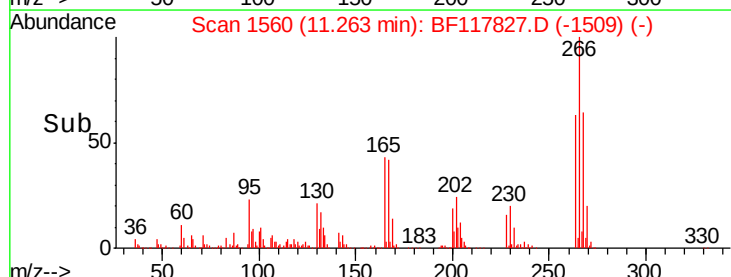
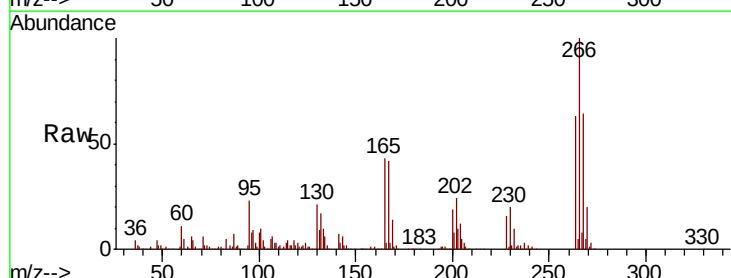
Manual Integrations
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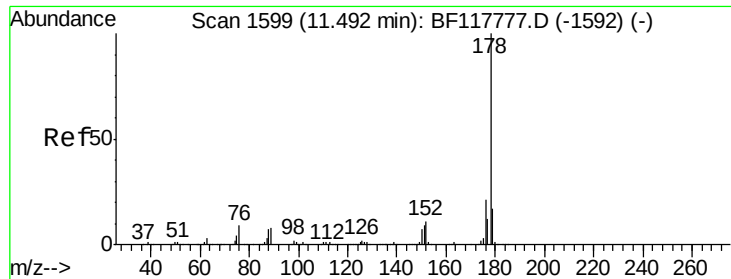
mohammad
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#70
 Pentachlorophenol
 Concen: 39.159 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.8	76.2
264	63.4	50.7	76.1





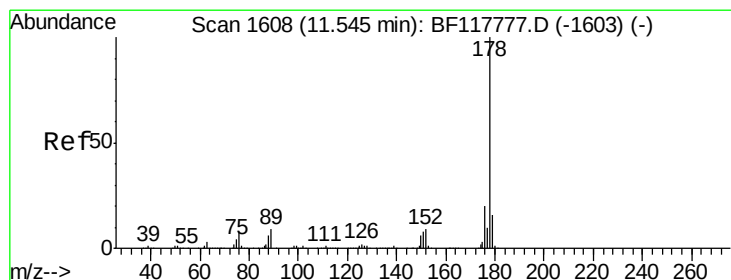
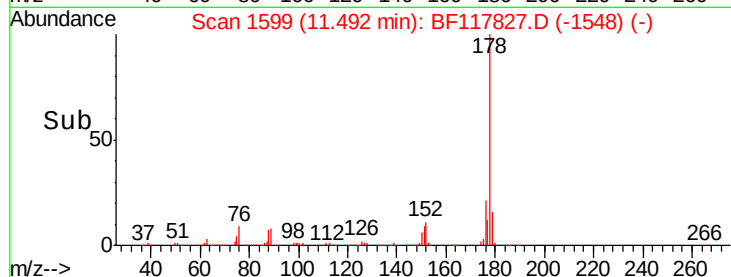
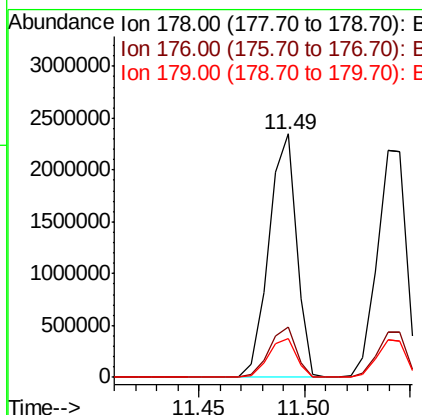
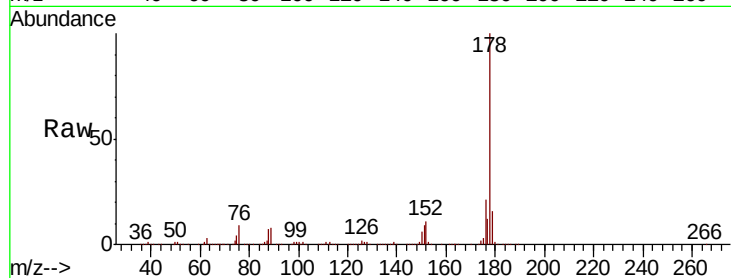
#71
Phenanthrene
Concen: 38.636 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	16.2	13.2	19.8

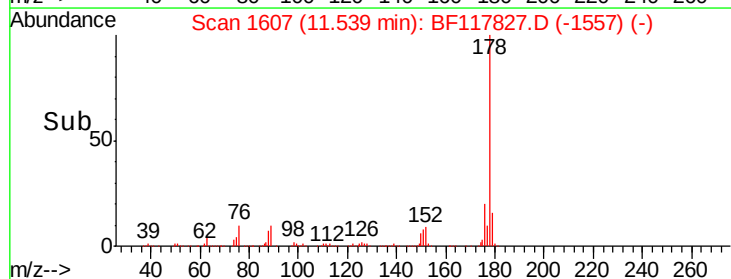
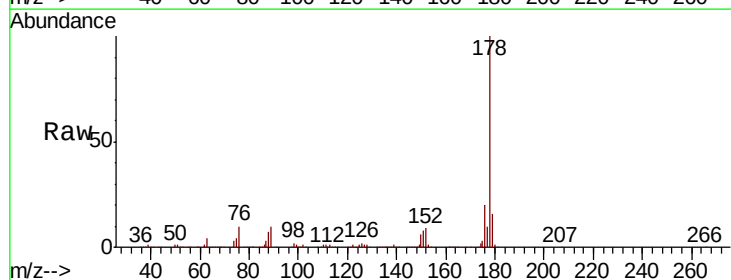
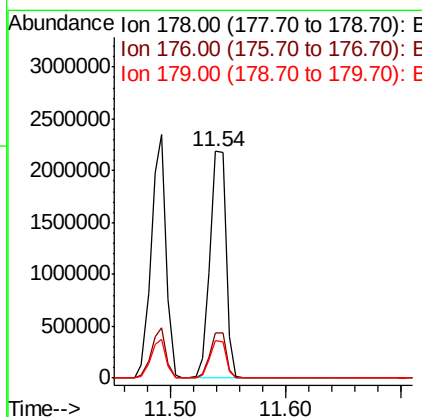
Manual Integrations
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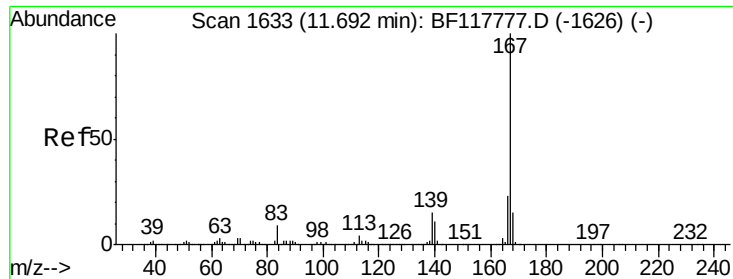
mohammad
11/19/2019 2:35:22 PM



#72
Anthracene
Concen: 38.758 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	16.5	13.0	19.4





#73

Carbazole

Concen: 40.650 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1952962

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

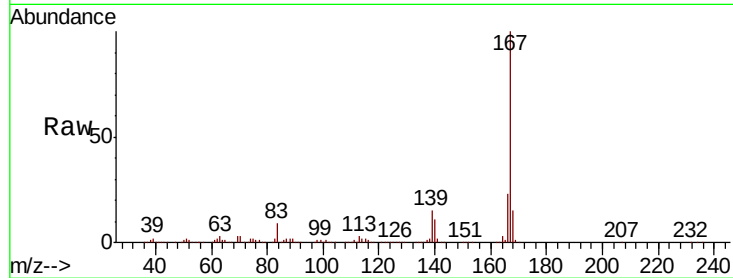
139 14.7 11.7 17.5

Manual Integrations

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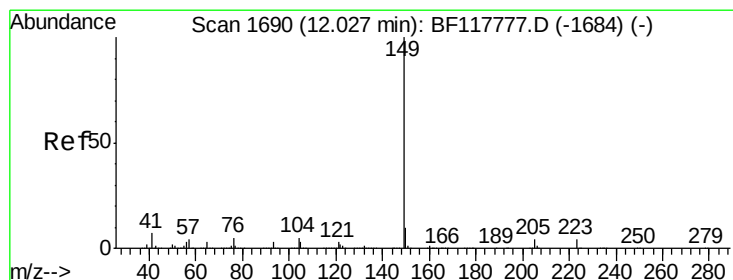
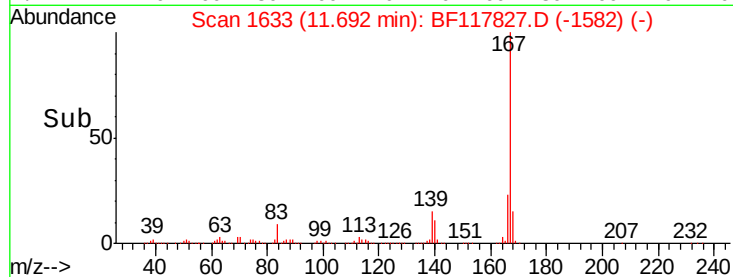
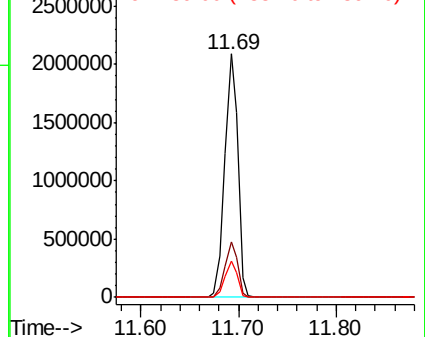
11/19/2019 2:35:22 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.465 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

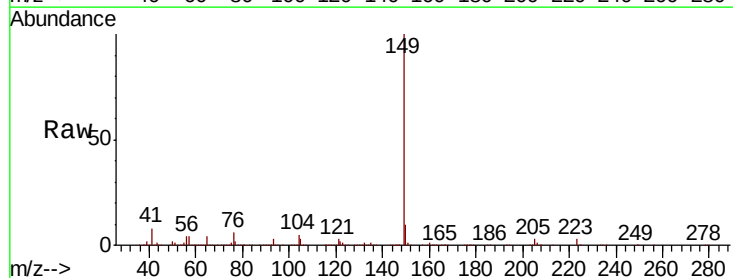
Tgt Ion:149 Resp: 2300923

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

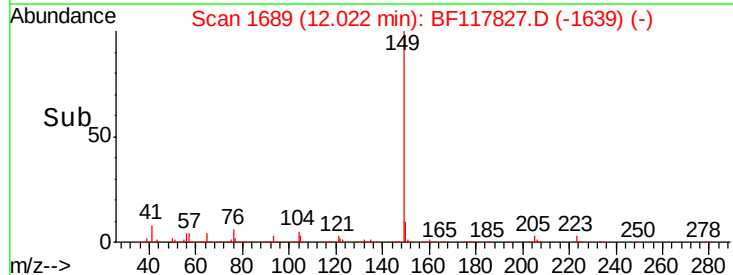
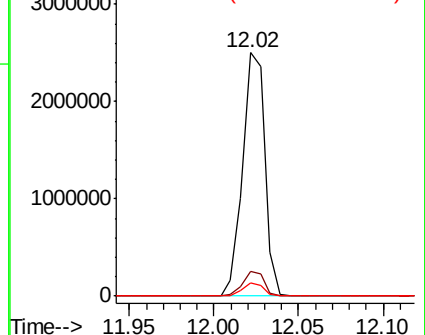
104 5.4 4.2 6.4

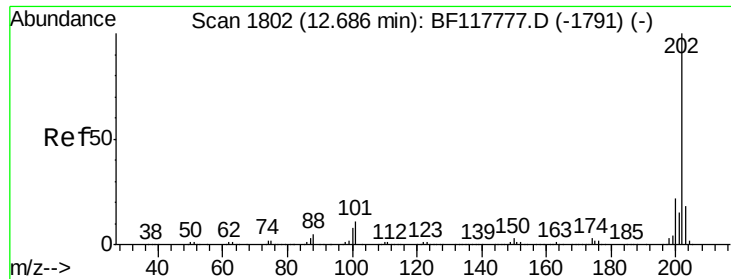


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





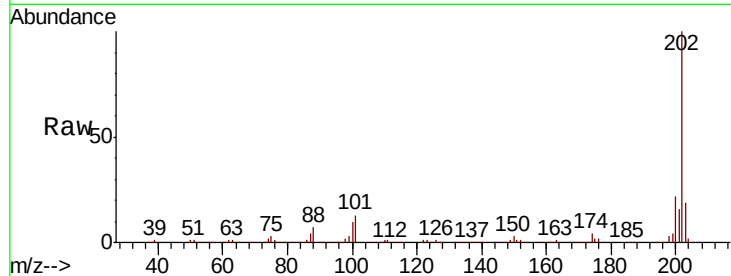
#75
 Fluoranthene
 Concen: 42.016 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.1
203	18.7	0.0	38.2

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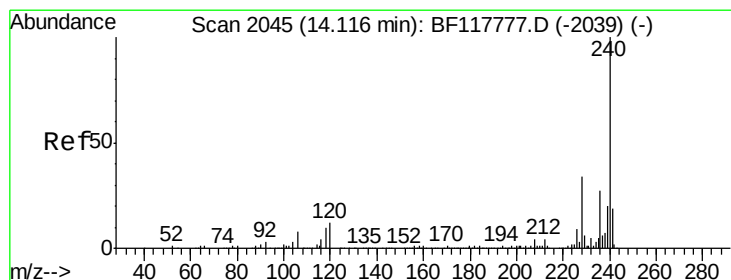
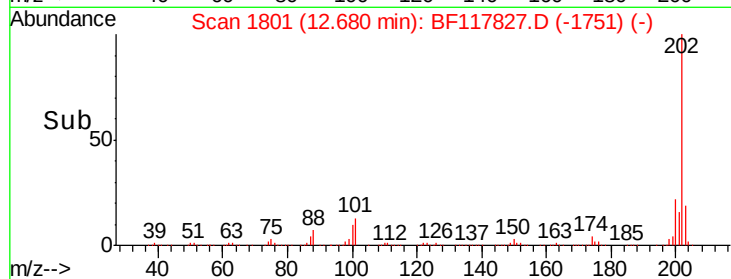
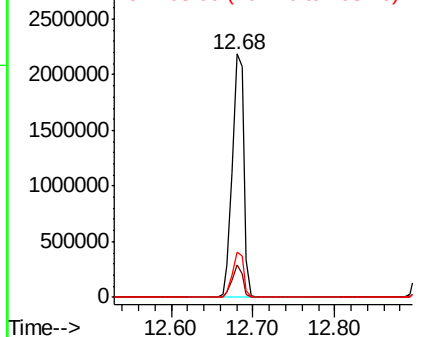


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117827.D
 Acq: 18 Nov 2019 11:25

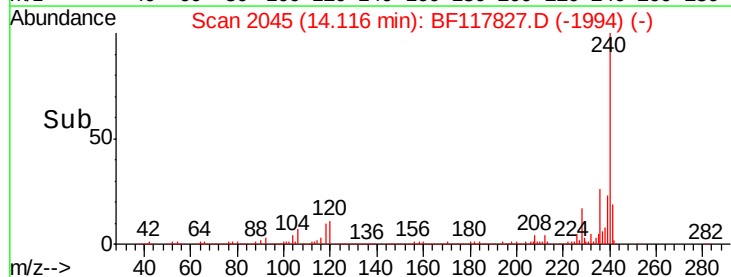
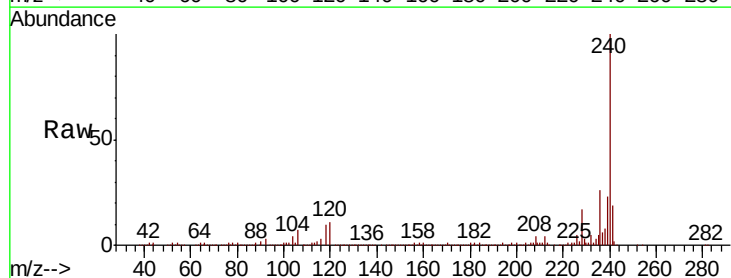
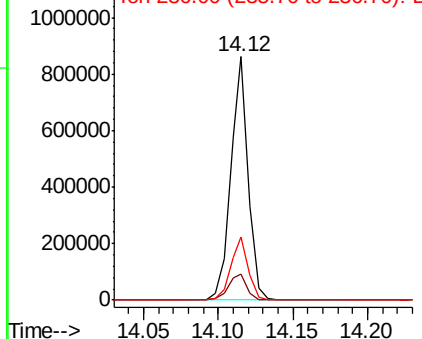
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.7	21.3	31.9

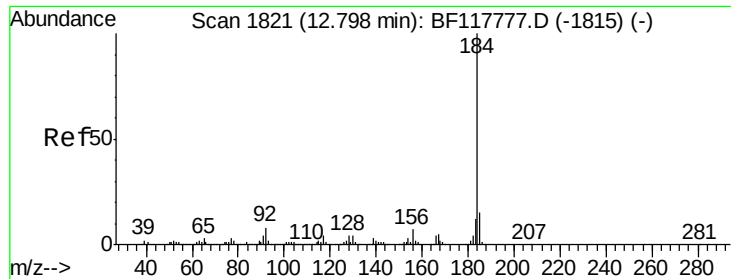
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.944 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 807477

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.4

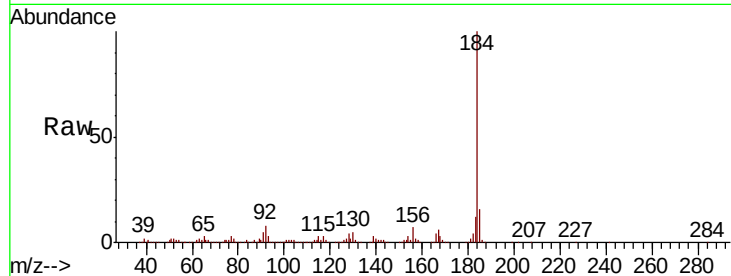
183 12.2 9.5 14.3

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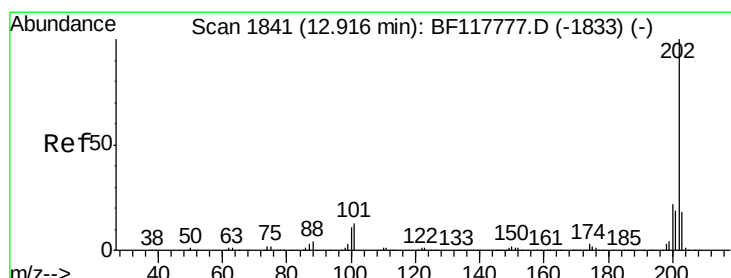
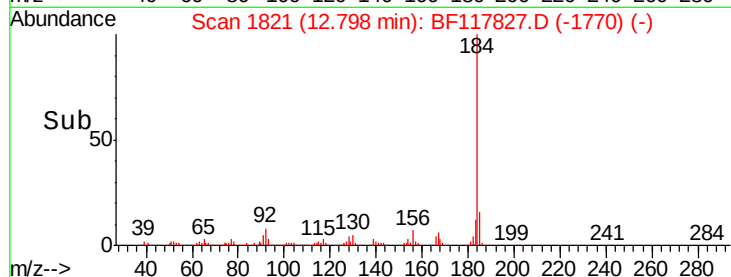
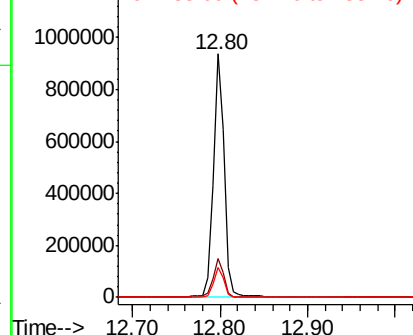


Abundance

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: 37.059 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

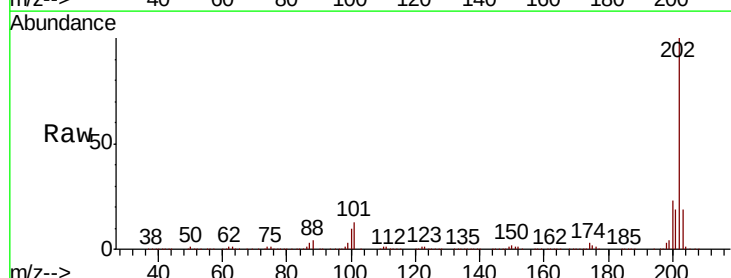
Tgt Ion:202 Resp: 2112802

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

203 18.8 14.6 22.0

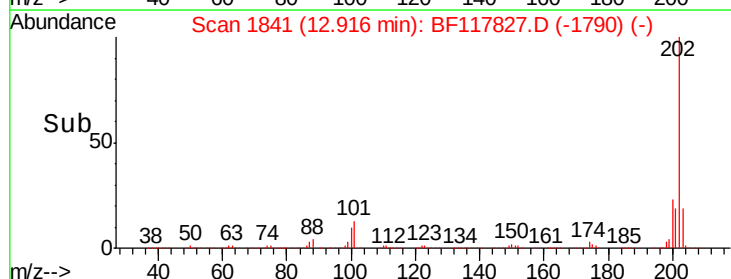
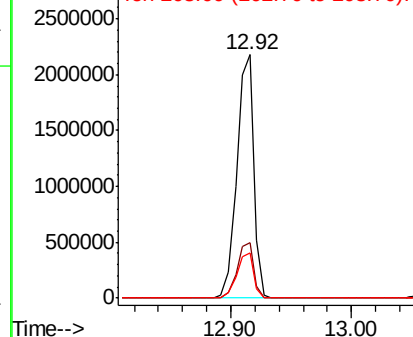


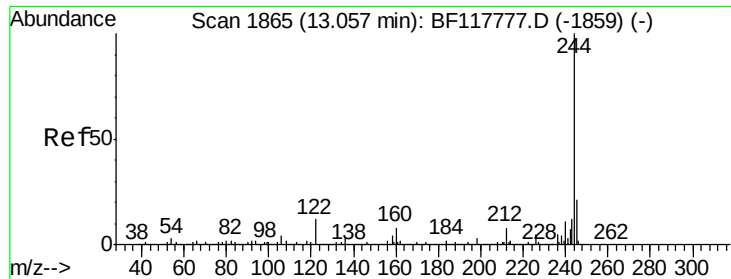
Abundance

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: 74.778 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2886400

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

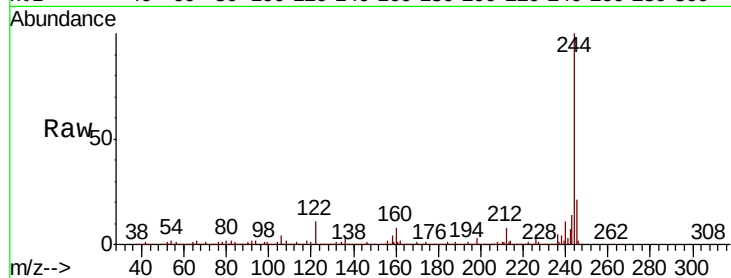
122 11.3 9.4 14.2

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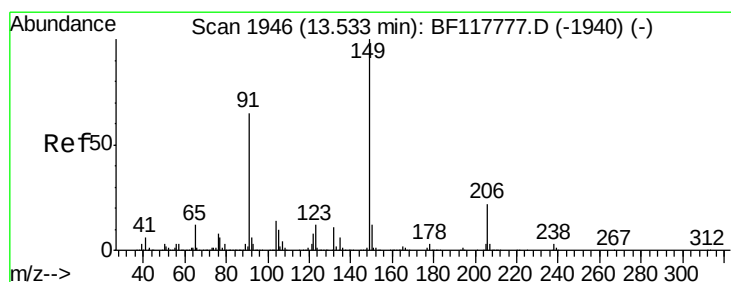
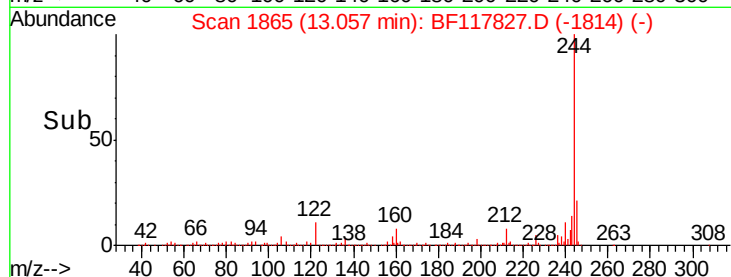
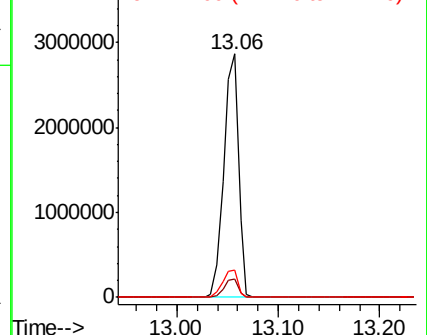
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.780 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

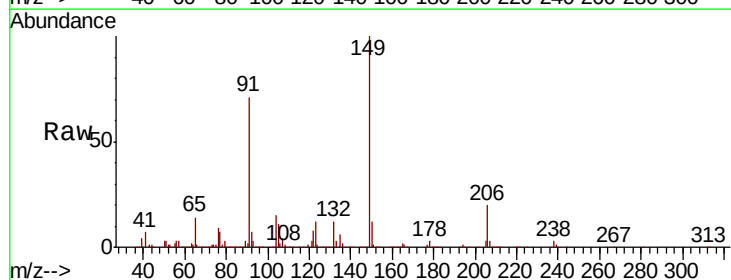
Tgt Ion:149 Resp: 949577

Ion Ratio Lower Upper

149 100

91 70.9 51.9 77.9

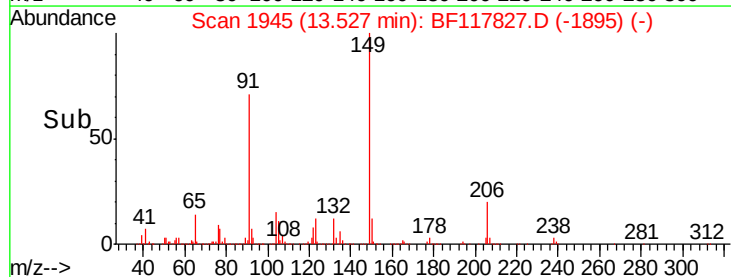
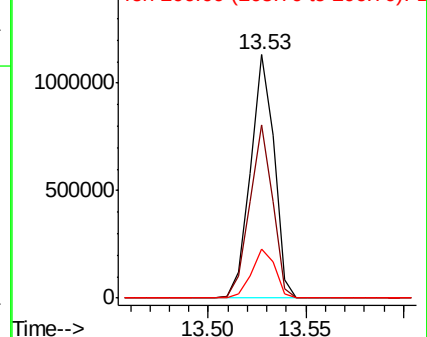
206 20.3 17.2 25.8

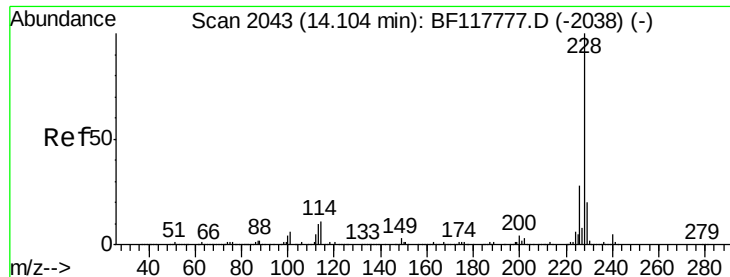


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.521 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

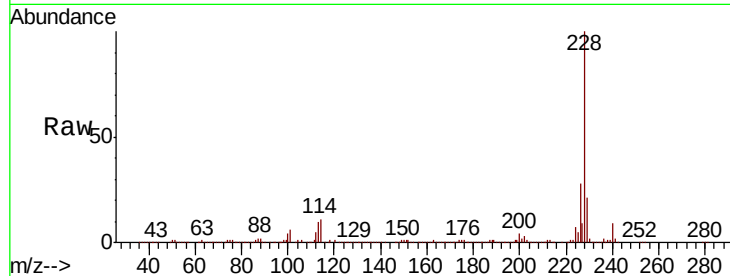
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1795760
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.2	33.2
229	20.8	15.9	23.9

Manual Integrations
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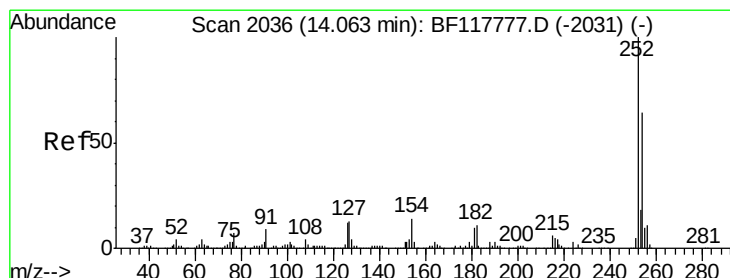
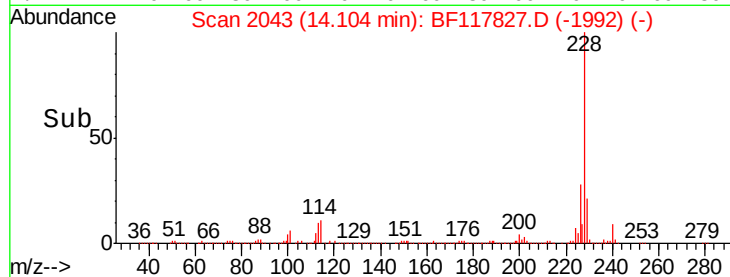
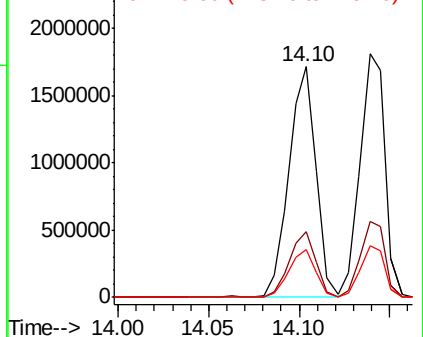


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.436 ng

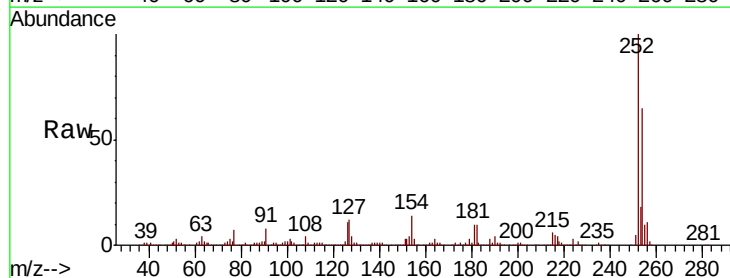
RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	252	Resp:	659359
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.0	76.6
126	11.2	9.7	14.5

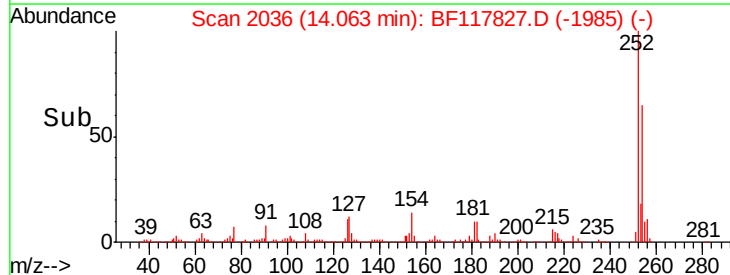
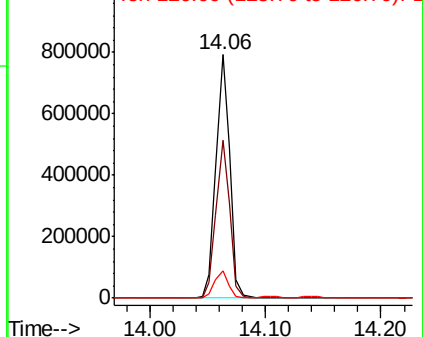


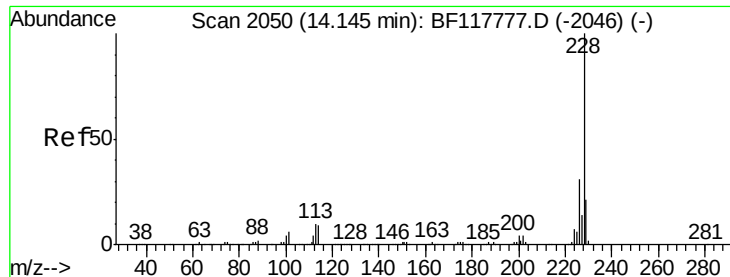
Abundance

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





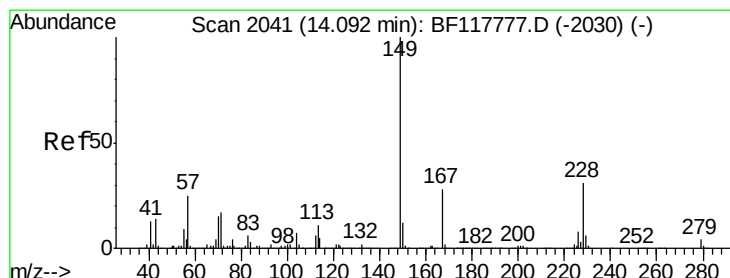
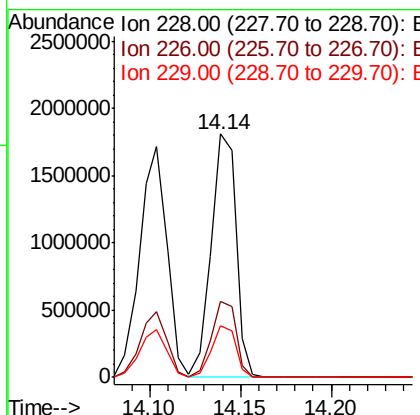
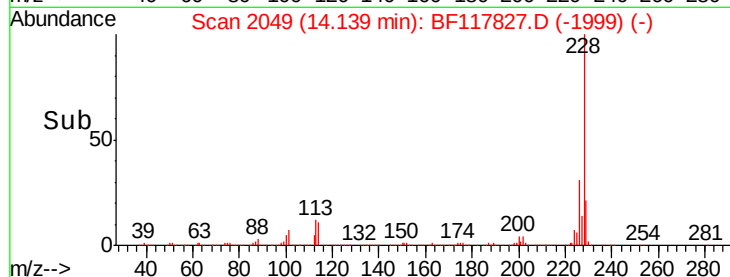
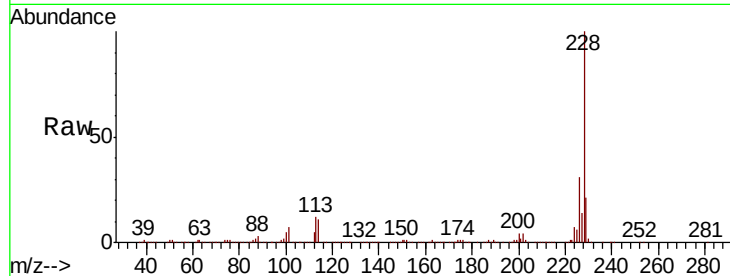
#83
Chrysene
Concen: 38.255 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1728076
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 21.4 16.6 25.0

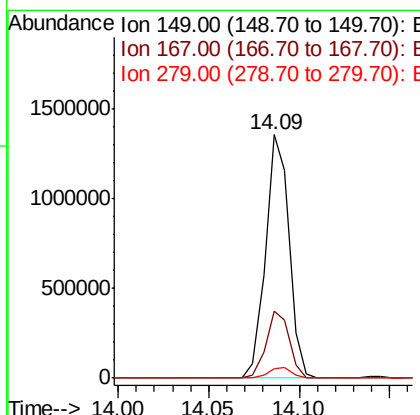
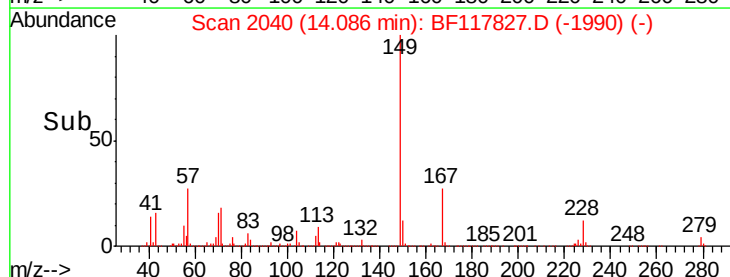
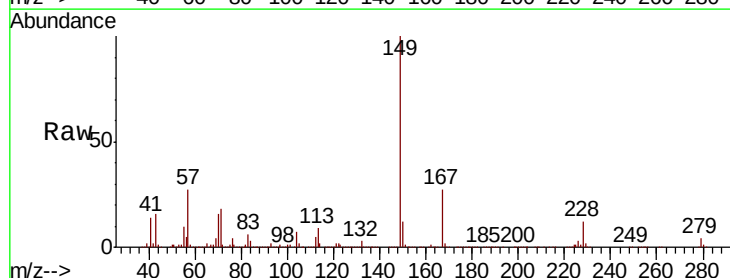
Manual Integrations
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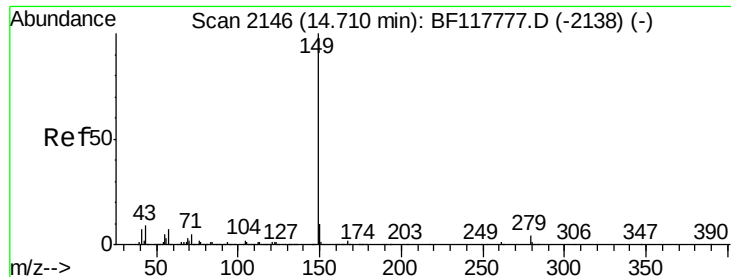
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.096 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:149 Resp: 1219978
Ion Ratio Lower Upper
149 100
167 27.3 22.2 33.2
279 3.8 3.4 5.2





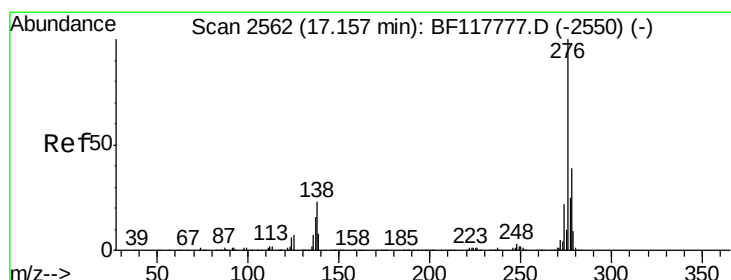
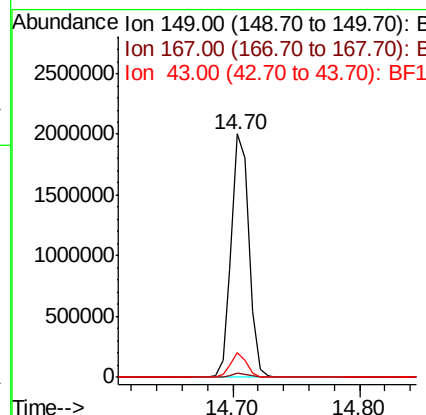
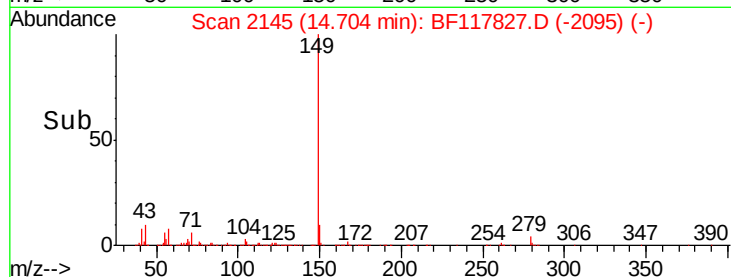
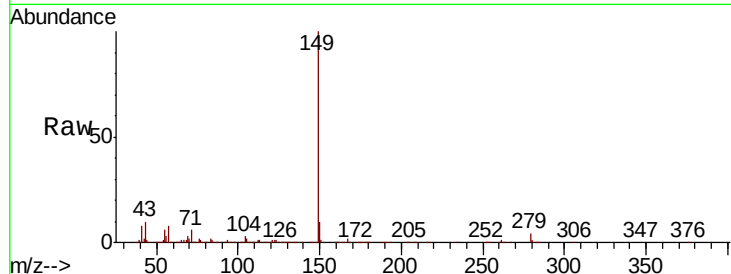
#85
Di-n-octyl phthalate
Concen: 44.331 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.2

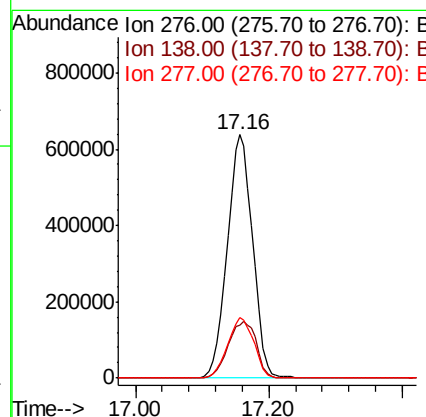
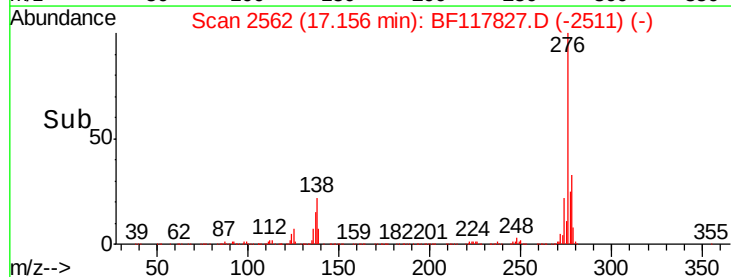
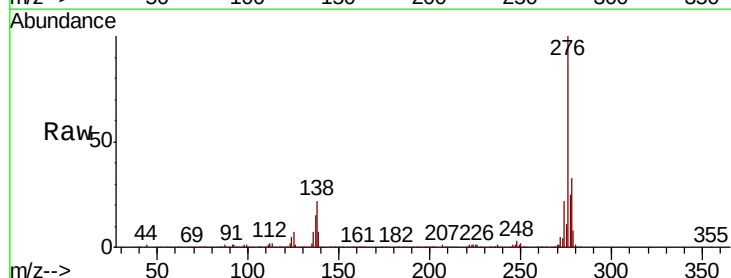
Manual Integrations
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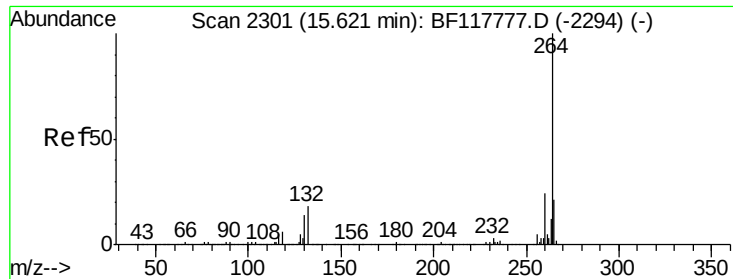
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.436 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.9	31.3
277	25.8	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Instrument :

BNA_F

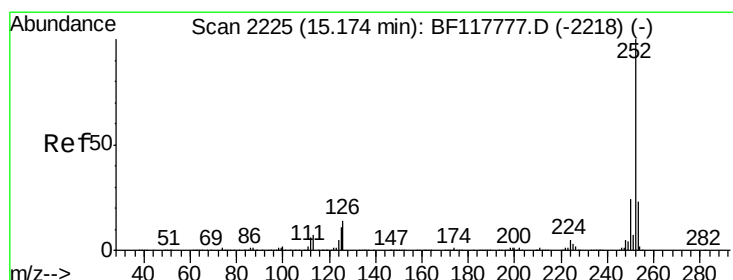
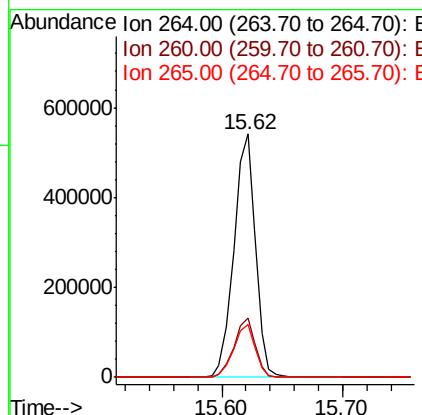
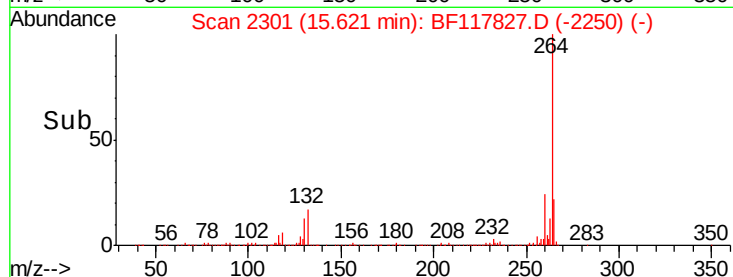
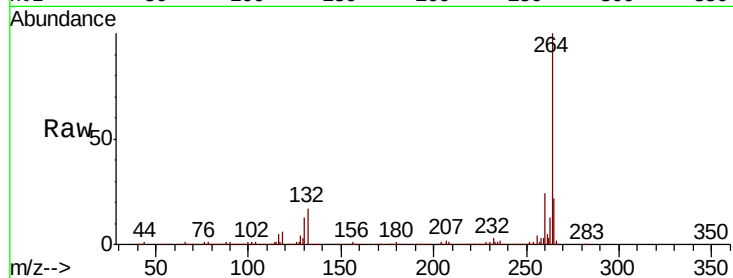
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	673441
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.4	29.0
265	22.0	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 36.759 ng

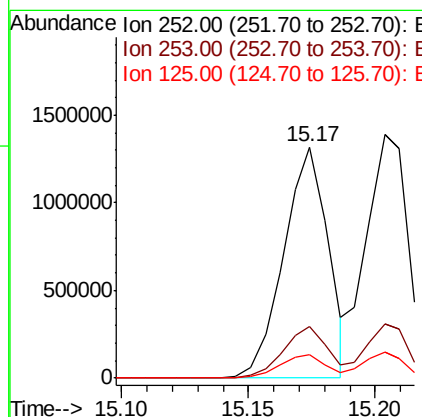
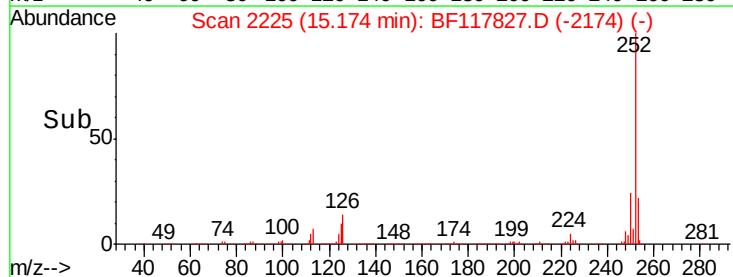
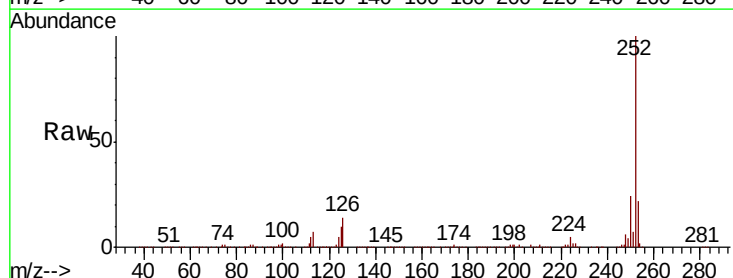
RT: 15.17 min Scan# 2225

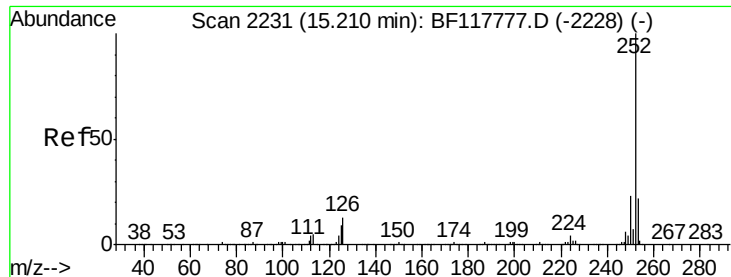
Delta R.T. -0.00 min

Lab File: BF117827.D

Acq: 18 Nov 2019 11:25

Tgt Ion:	252	Resp:	1608339
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	10.3	8.6	13.0





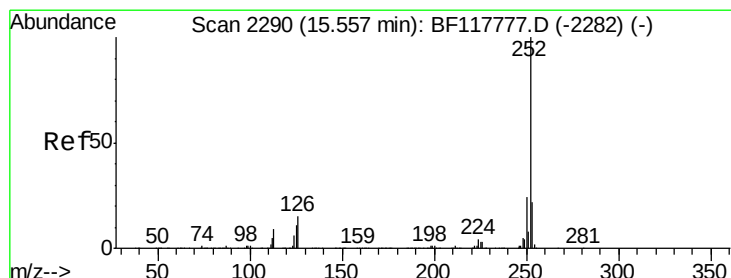
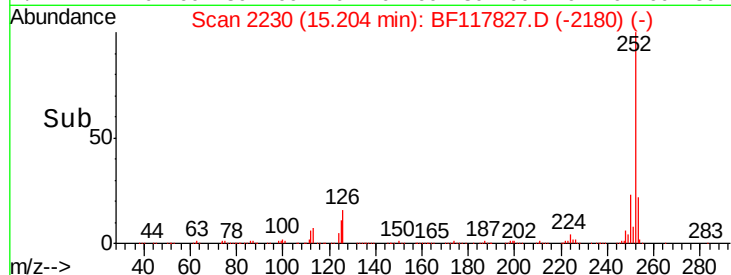
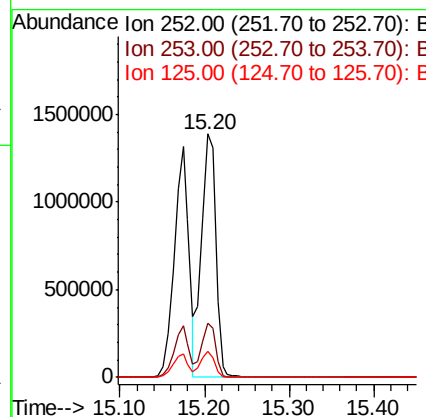
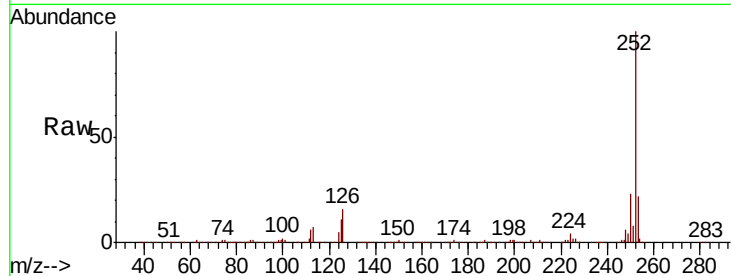
#89
Benzo(k)fluoranthene
Concen: 39.062 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.8	7.9	11.9

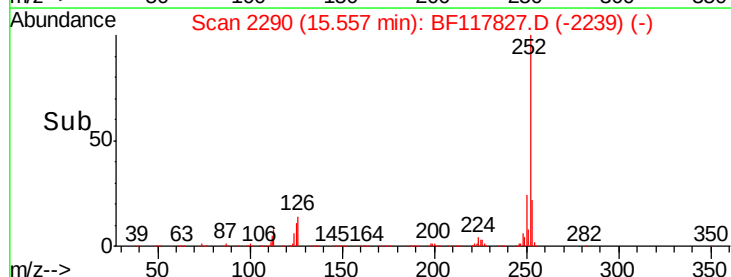
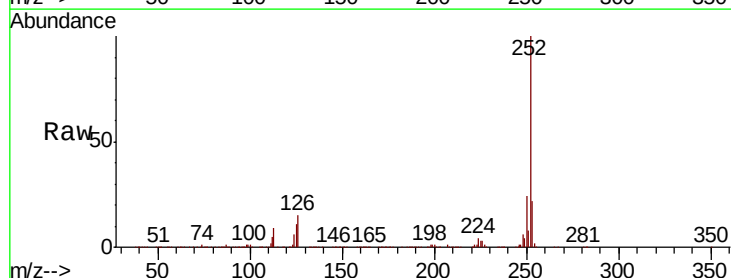
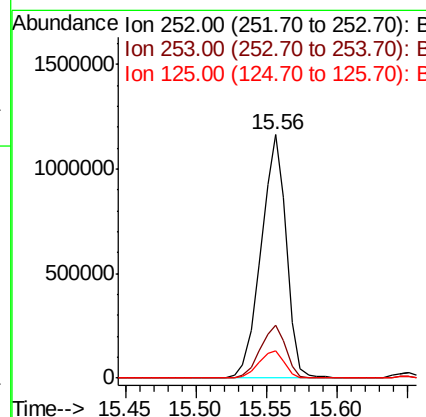
Manual Integrations
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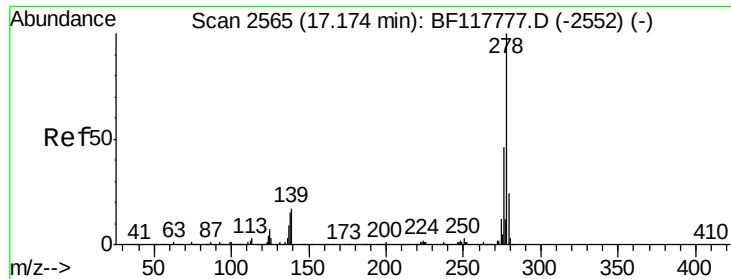
mohammad
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#90
Benzo(a)pyrene
Concen: 37.948 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	11.2	9.2	13.8





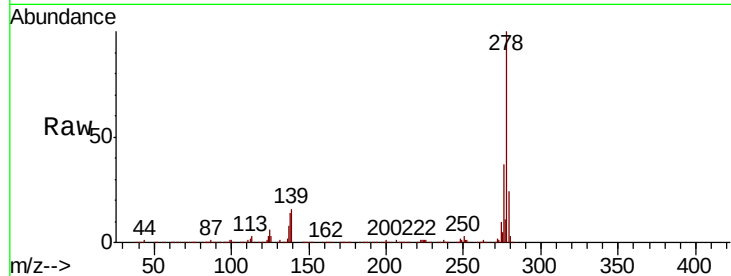
#91
Dibenzo(a,h)anthracene
Concen: 42.250 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

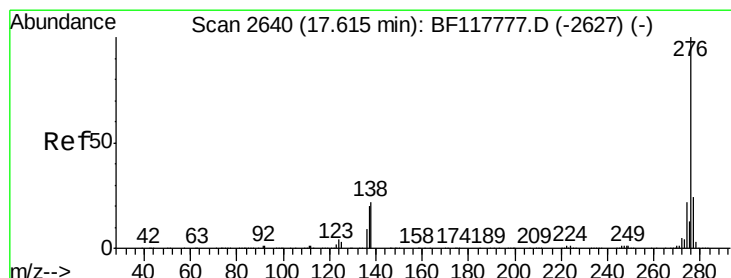
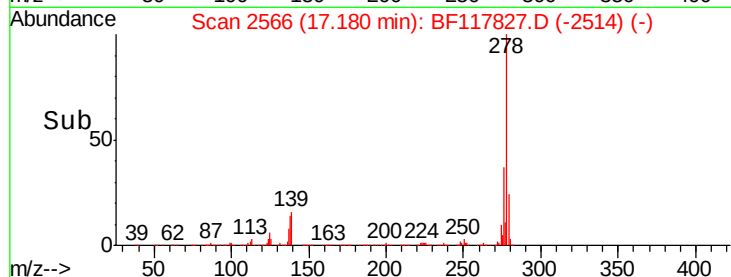
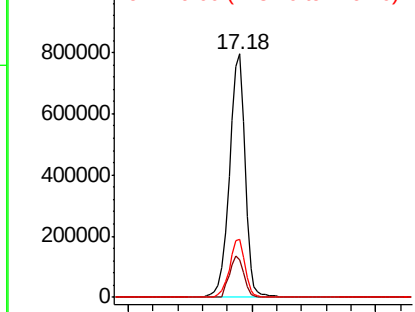
Tot Ion:278 Resp: 1399140
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.8
279 23.9 19.6 29.4

Manual Integrations
APPROVED

mohammad
11/19/2019 2:35:22 PM

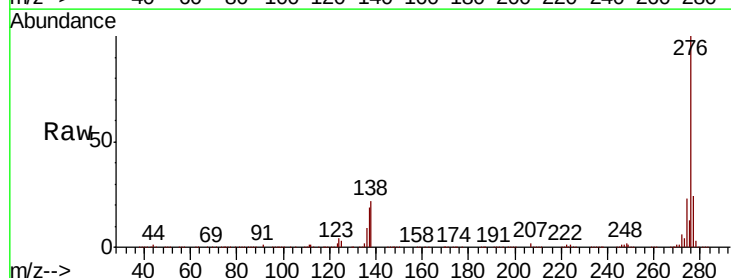


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.012 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117827.D
Acq: 18 Nov 2019 11:25

Tgt Ion:276 Resp: 1352742
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 22.4 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

