

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114404.D
 Acq On : 18 May 2019 21:54
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:18:20 PM

Quant Time: May 20 07:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	314981	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	1219895	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	582272	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1098031	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	576948	20.00	ng	-0.02
87) Perylene-d12	15.46	264	636400	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1437475	73.44	ng	-0.01
7) Phenol-d6	6.49	99	1785142	77.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	1740426	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	425684	70.71	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2781737	72.27	ng	-0.02
79) Terphenyl-d14	12.94	244	2551408	91.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	360137	33.475	ng	99
3) Pyridine	3.33	79	1031806	34.809	ng	98
4) n-Nitrosodimethylamine	3.30	42	513490	35.923	ng	96
6) Aniline	6.51	93	1217225	36.400	ng	# 82
8) 2-Chlorophenol	6.63	128	833134	39.872	ng	95
9) Benzaldehyde	6.39	77	569838	35.161	ng	98
10) Phenol	6.50	94	998848	36.678	ng	80
11) bis(2-Chloroethyl)ether	6.57	93	846313	40.935	ng	98
12) 1,3-Dichlorobenzene	6.78	146	922493	39.330	ng	98
13) 1,4-Dichlorobenzene	6.86	146	925056	39.139	ng	97
14) 1,2-Dichlorobenzene	7.01	146	844836	39.125	ng	98
15) Benzyl Alcohol	6.99	79	672843	37.266	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1523369	38.002	ng	80
17) 2-Methylphenol	7.10	107	654267	38.117	ng	# 93
18) Hexachloroethane	7.35	117	349877	39.437	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	561365	38.257	ng	97
20) 3+4-Methylphenols	7.26	107	776990	39.179	ng	# 85
22) Acetophenone	7.25	105	1086675	40.211	ng	# 94
24) Nitrobenzene	7.43	77	898132	40.567	ng	96
25) Isophorone	7.66	82	1647365	40.863	ng	99
26) 2-Nitrophenol	7.74	139	456237	42.475	ng	97
27) 2,4-Dimethylphenol	7.78	122	626150	37.116	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1061087	40.566	ng	100
29) 2,4-Dichlorophenol	7.99	162	678738	40.404	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	761326	39.855	ng	98
31) Naphthalene	8.15	128	2258329	39.631	ng	99
32) Benzoic acid	7.93	122	358826	32.488	ng	98
33) 4-Chloroaniline	8.19	127	1053204	40.560	ng	99
34) Hexachlorobutadiene	8.26	225	427649	39.346	ng	98
35) Caprolactam	8.58	113	243896m	44.526	ng	
36) 4-Chloro-3-methylphenol	8.69	107	712184	42.118	ng	98
37) 2-Methylnaphthalene	8.83	142	1500051	40.801	ng	98
38) 1-Methylnaphthalene	8.93	142	1429012	41.274	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	703425	39.881	ng	99

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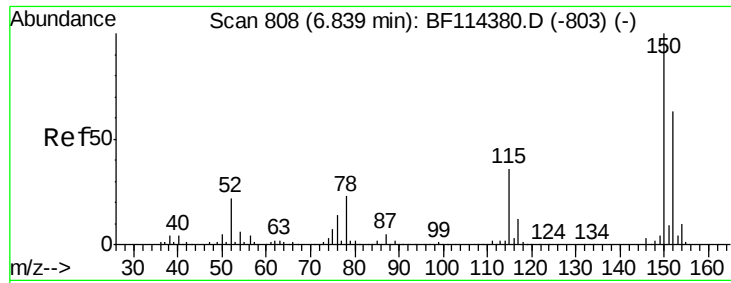
Manual Integrations
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Quant Time: May 20 07:39:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	119825	18.118	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	475559	39.198	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	480698	38.635	ng	97
46) 1,1'-Biphenyl	9.29	154	1826867	38.837	ng	99
47) 2-Chloronaphthalene	9.32	162	1456312	38.469	ng	99
48) 2-Nitroaniline	9.42	65	543372	40.472	ng	99
49) Acenaphthylene	9.73	152	2189696	38.030	ng	99
50) Dimethylphthalate	9.59	163	1751668	40.980	ng	99
51) 2,6-Dinitrotoluene	9.66	165	378341	39.907	ng	95
52) Acenaphthene	9.91	154	1327633	37.575	ng	99
53) 3-Nitroaniline	9.83	138	484567	41.174	ng	99
54) 2,4-Dinitrophenol	9.95	184	95198	25.031	ng	93
55) Dibenzofuran	10.08	168	1869289	36.080	ng	98
56) 4-Nitrophenol	10.01	139	244675	29.398	ng	92
57) 2,4-Dinitrotoluene	10.07	165	466249	36.233	ng	# 82
58) Fluorene	10.42	166	1521992	38.032	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	386930	36.042	ng	98
60) Diethylphthalate	10.29	149	1690847	38.932	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	752375	38.279	ng	99
62) 4-Nitroaniline	10.45	138	482654	39.028	ng	98
63) Azobenzene	10.57	77	1622413	38.593	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	176939	33.535	ng	94
66) n-Nitrosodiphenylamine	10.53	169	1378203	41.356	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	494444	40.898	ng	100
68) Hexachlorobenzene	10.97	284	527591	39.447	ng	99
69) Atrazine	11.06	200	402077	38.770	ng	97
70) Pentachlorophenol	11.17	266	243810	38.455	ng	99
71) Phenanthrene	11.39	178	2114583	39.584	ng	100
72) Anthracene	11.43	178	2124546	39.595	ng	99
73) Carbazole	11.59	167	1998865	39.066	ng	100
74) Di-n-butylphthalate	11.91	149	2590700	43.949	ng	98
75) Fluoranthene	12.57	202	2085833	36.258	ng	98
77) Benzidine	12.69	184	813917	31.427	ng	96
78) Pyrene	12.80	202	2047824	44.122	ng	100
80) Butylbenzylphthalate	13.40	149	1021236	52.276	ng	95
81) Benzo(a)anthracene	13.99	228	1558796	41.772	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	617836	42.679	ng	99
83) Chrysene	14.03	228	1484842	40.591	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1383401	54.145	ng	99
85) Di-n-octyl phthalate	14.57	149	2031580	49.051	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1741132	53.856	ng	100
88) Benzo(b)fluoranthene	15.04	252	1624701	39.849	ng	100
89) Benzo(k)fluoranthene	15.07	252	1440557	38.463	ng	99
90) Benzo(a)pyrene	15.40	252	1501653	41.850	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1421884	47.688	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1403501	46.970	ng	98

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



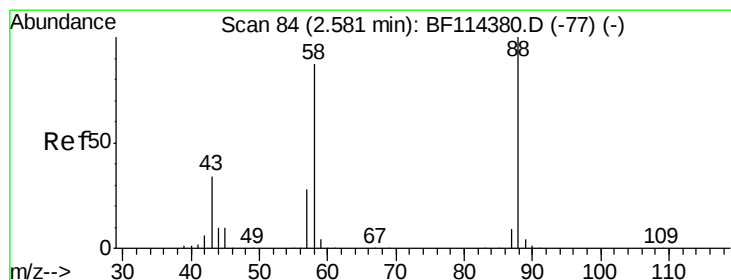
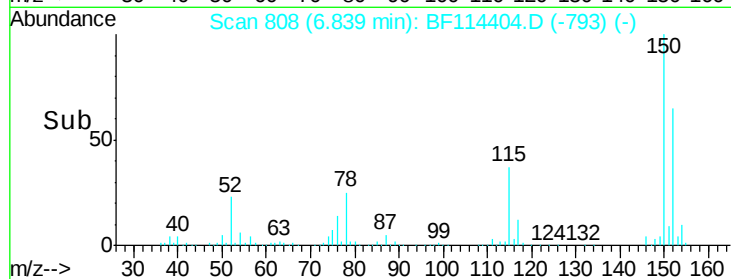
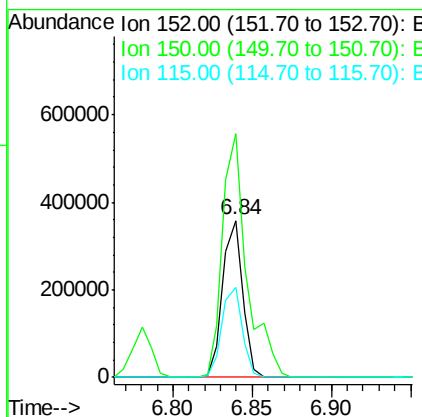
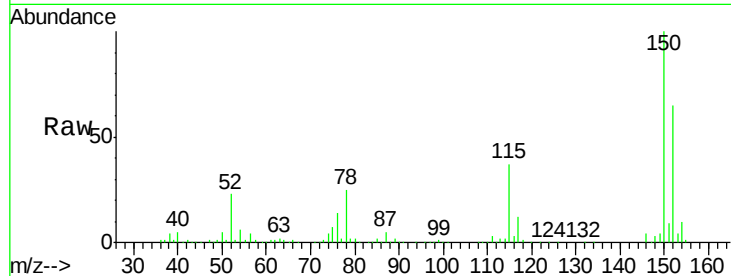
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	57.3	49.1	73.7

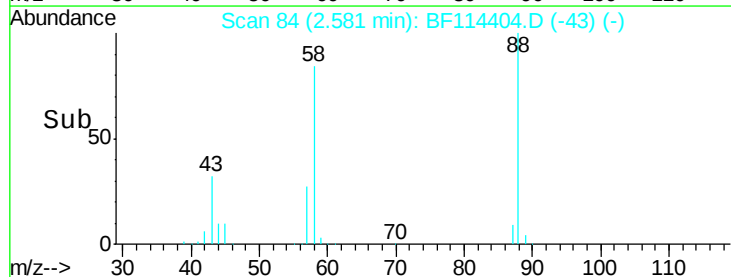
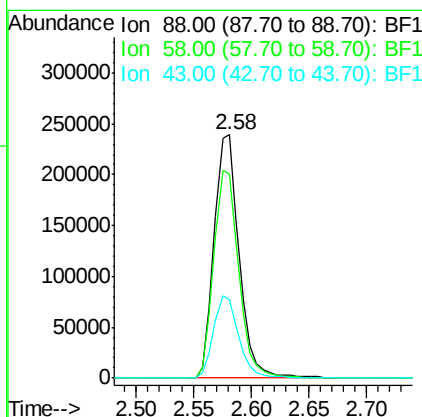
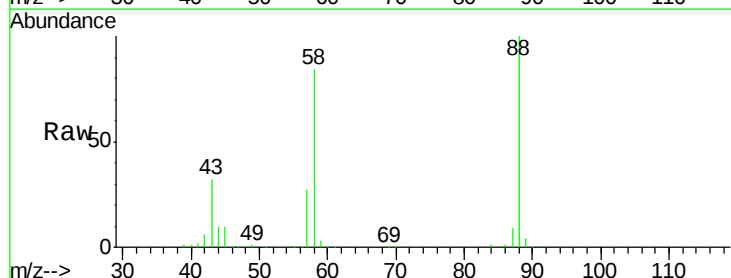
Manual Integrations
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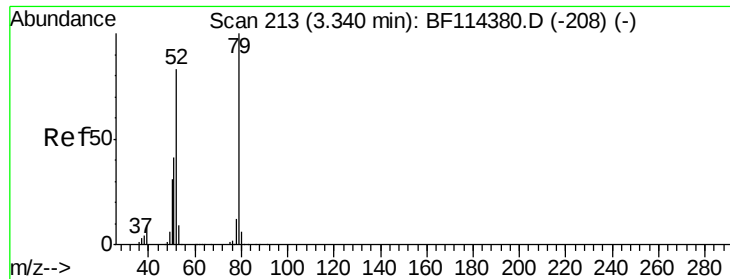
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#2
 1,4-Dioxane
 Concen: 33.475 ng
 RT: 2.58 min Scan# 84
 Delta R.T. -0.06 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.7	103.1
43	33.4	28.2	42.2





#3

Pyridine

Concen: 34.809 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.05 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 1031806

Ion Ratio Lower Upper

79 100

52 85.8 70.6 105.8

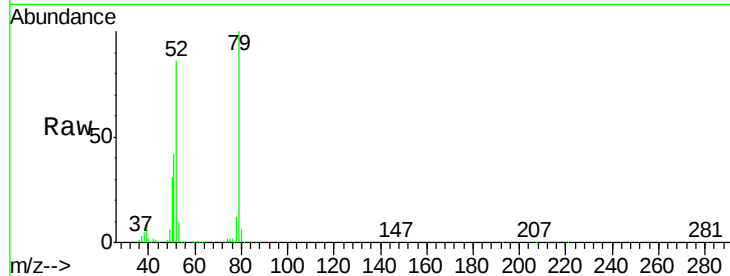
51 41.6 34.2 51.2

Manual Integrations

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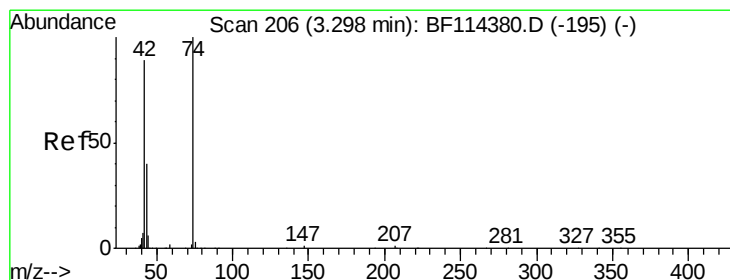
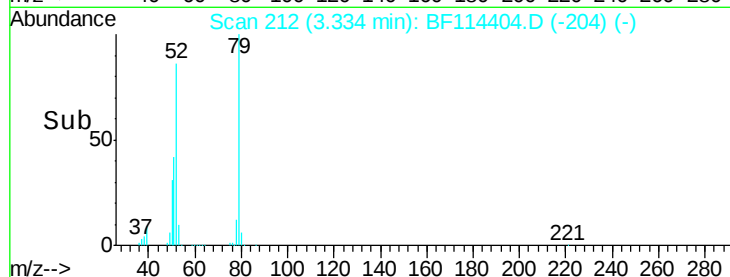
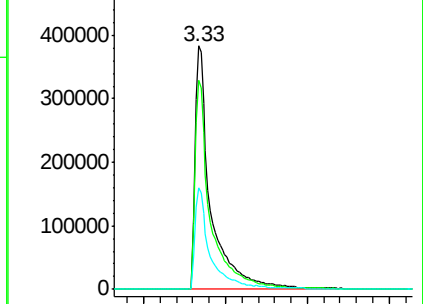
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.923 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

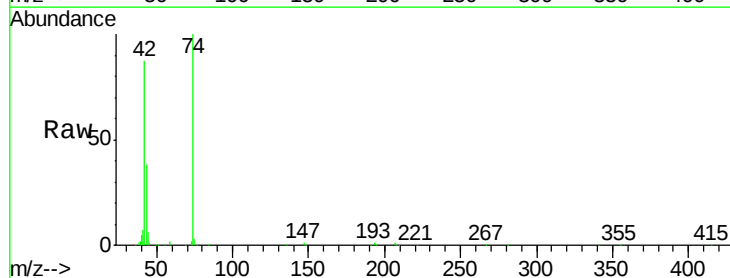
Tgt Ion: 42 Resp: 513490

Ion Ratio Lower Upper

42 100

74 115.4 88.6 132.8

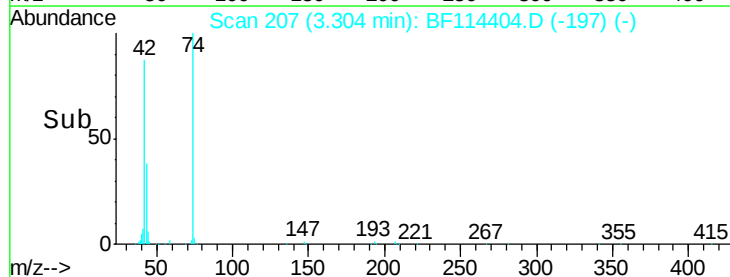
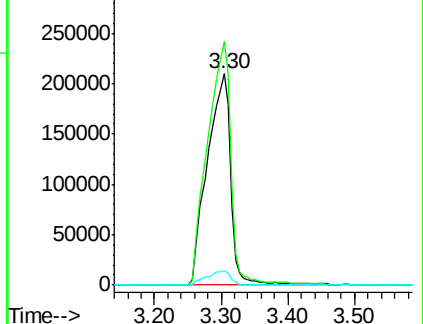
44 7.0 5.5 8.3

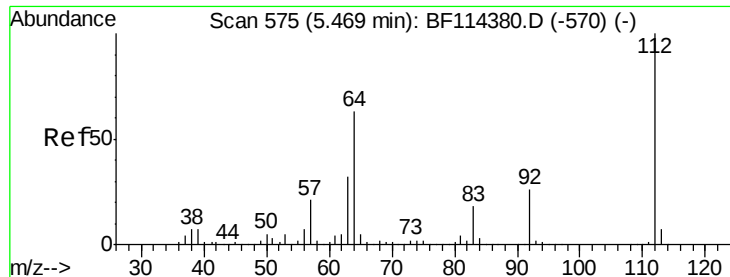


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.442 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1437475

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

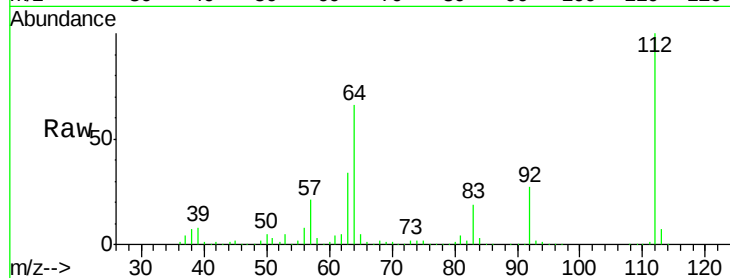
63 33.6 24.6 37.0

Manual Integrations

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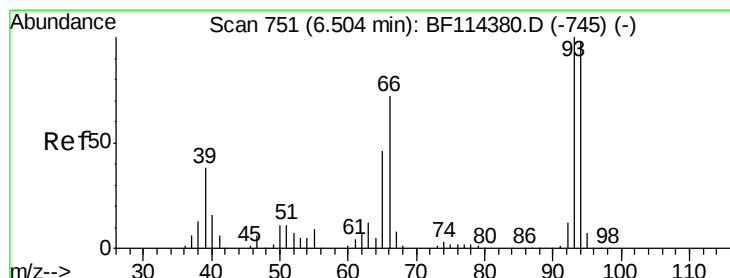
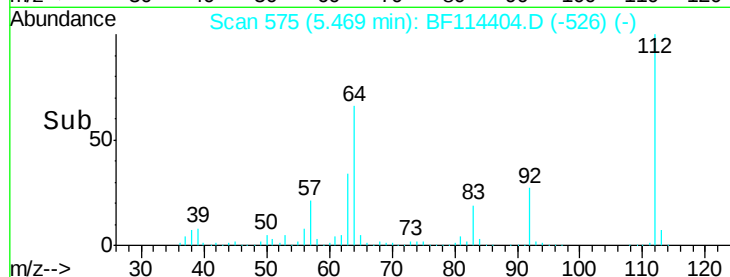
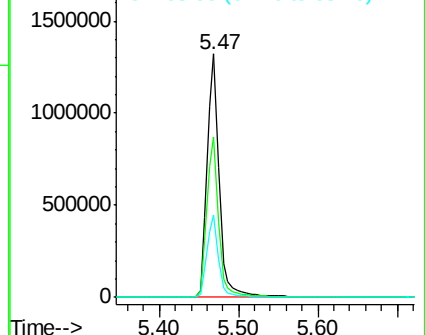
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.400 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

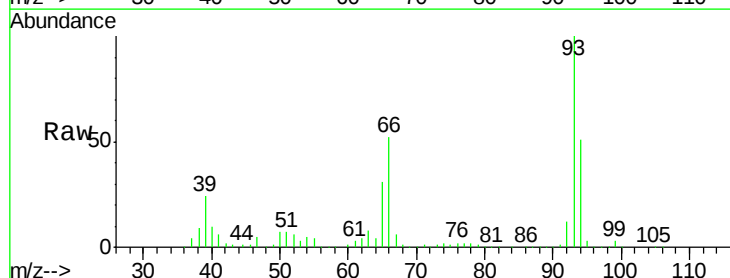
Tgt Ion: 93 Resp: 1217225

Ion Ratio Lower Upper

93 100

66 52.4 33.2 49.8#

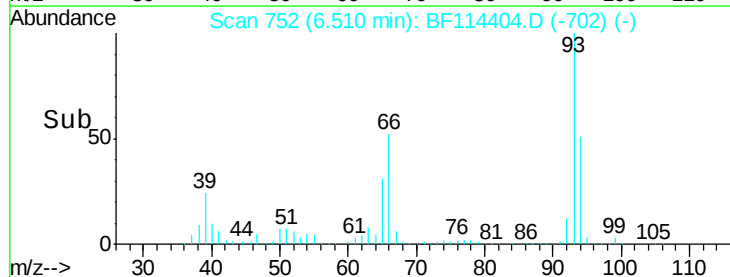
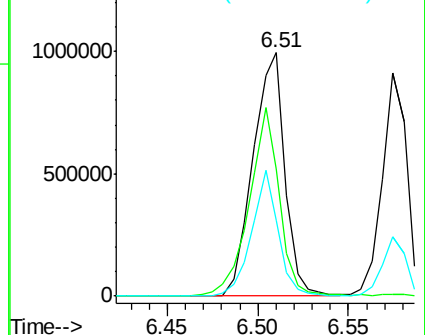
65 31.1 17.6 26.4#

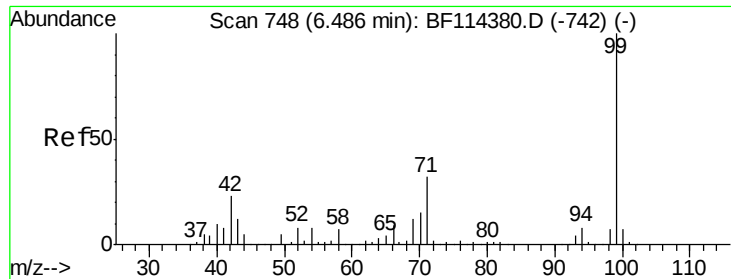


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.113 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1785142

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

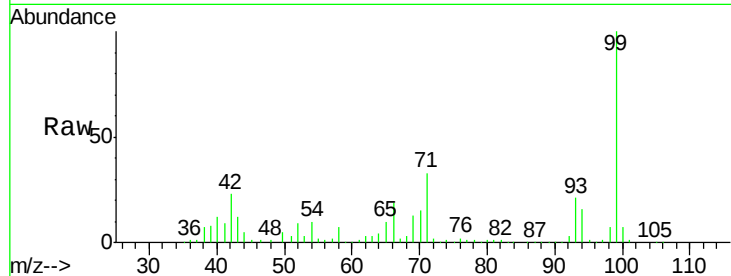
71 32.7 26.2 39.2

Manual Integrations

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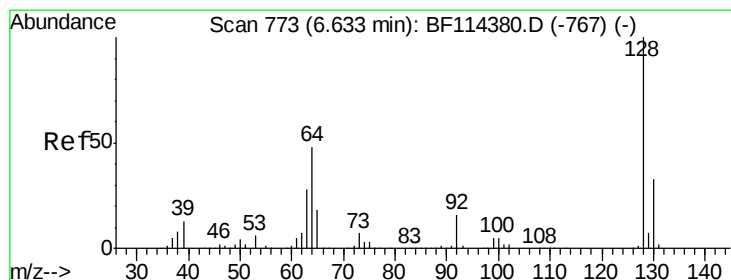
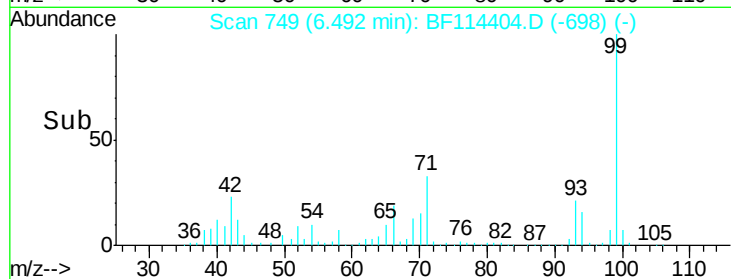
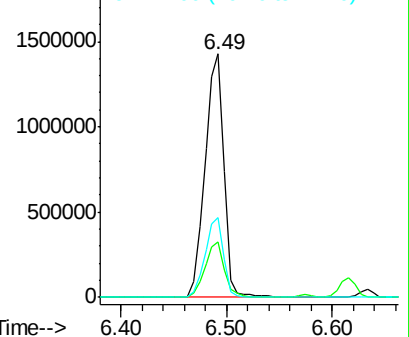
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.872 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

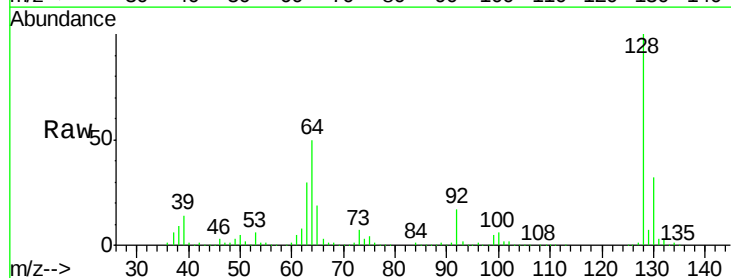
Tgt Ion: 128 Resp: 833134

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

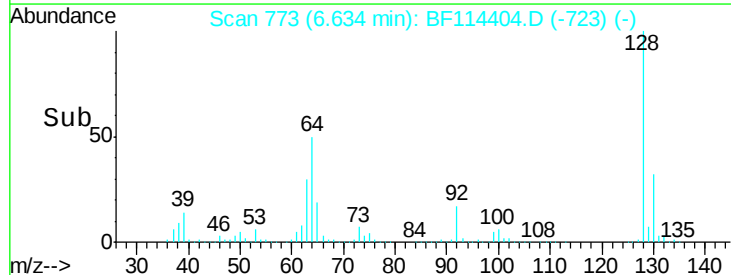
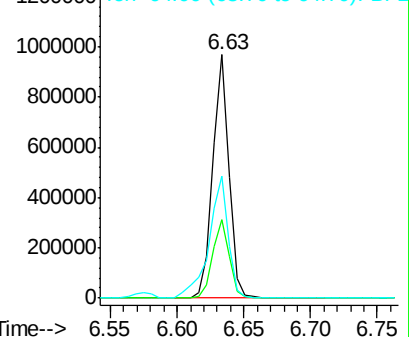
64 50.0 35.9 75.9

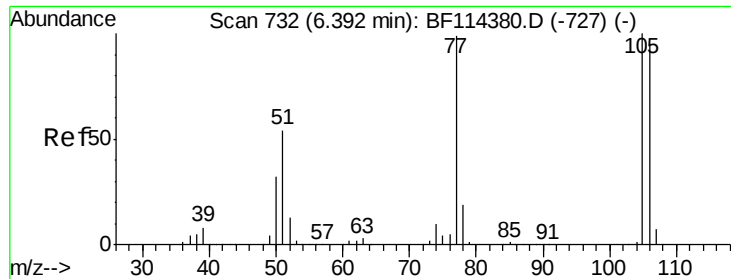


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





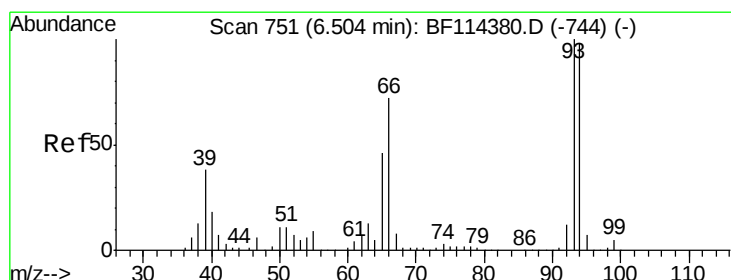
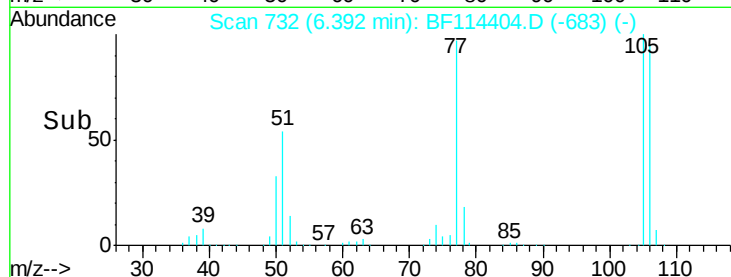
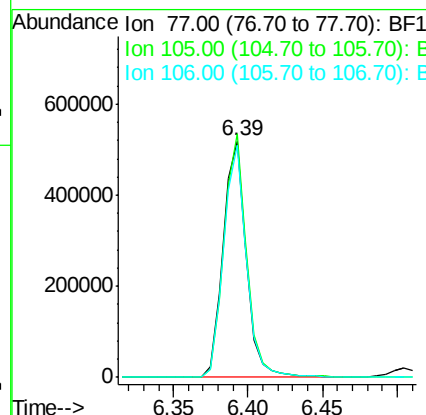
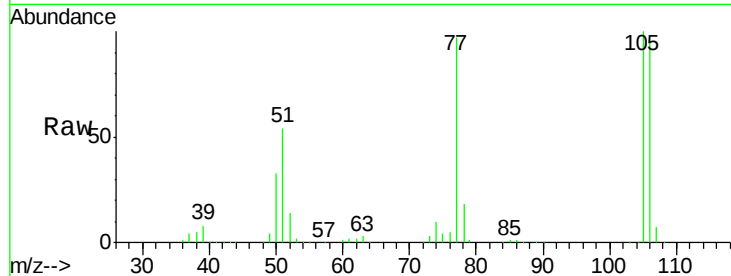
#9
Benzaldehyde
Concen: 35.161 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.3	119.3
106	98.1	77.0	117.0

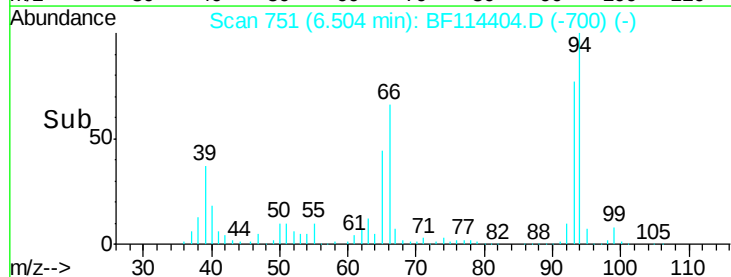
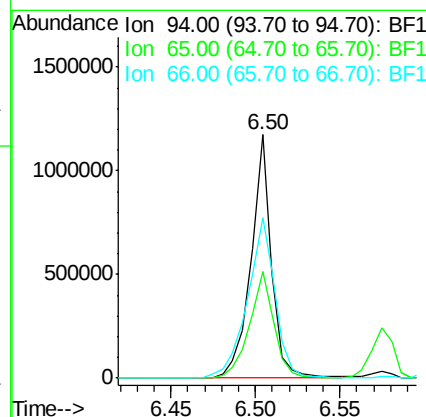
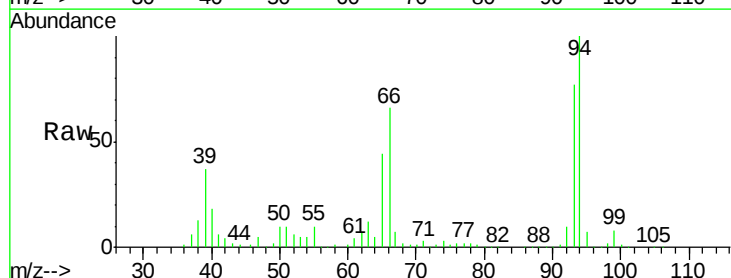
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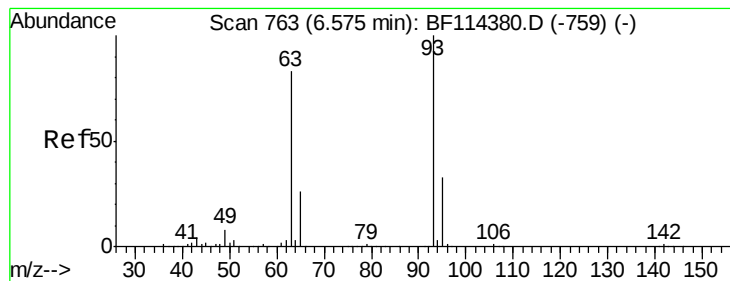
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#10
Phenol
Concen: 36.678 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.6	14.7	54.7
66	65.7	29.6	69.6





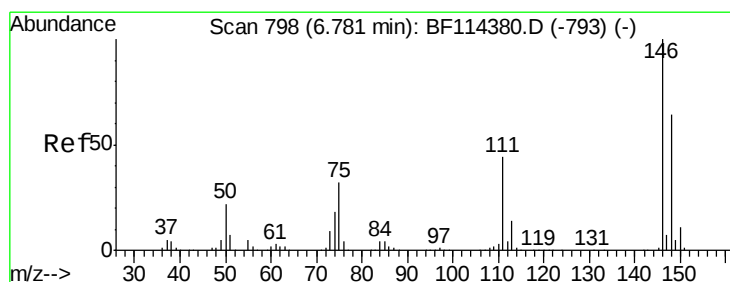
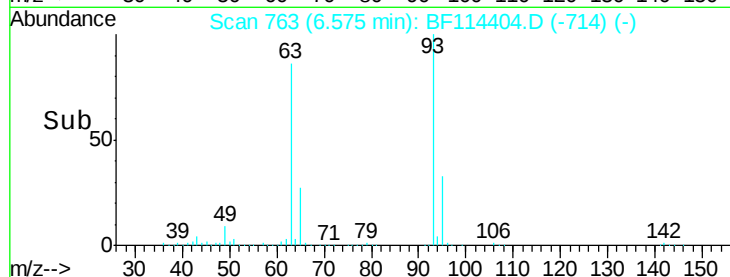
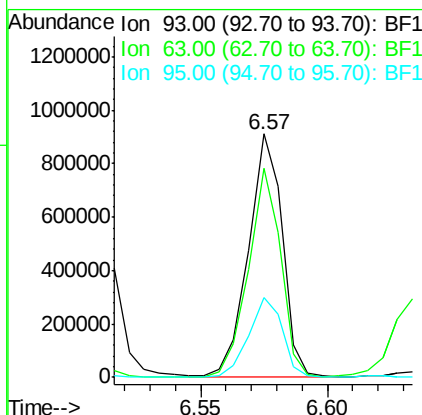
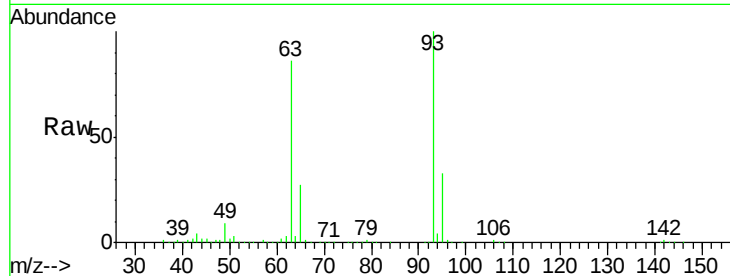
#11
bis(2-Chloroethyl)ether
Concen: 40.935 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.6	63.6	103.6
95	32.9	13.1	53.1

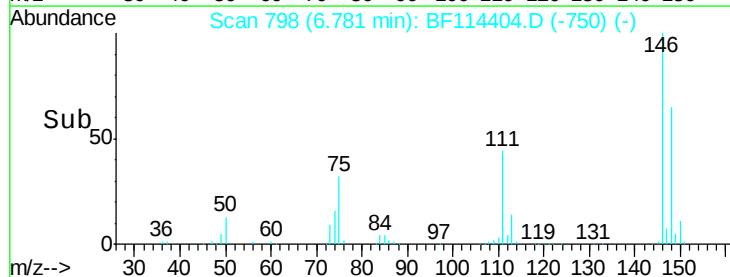
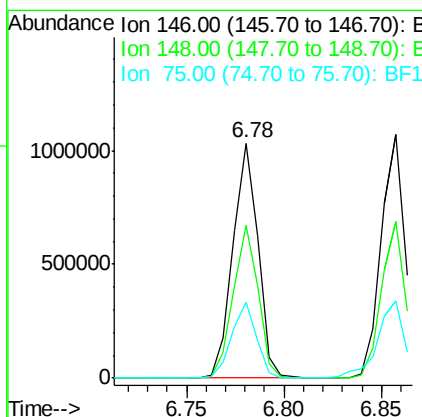
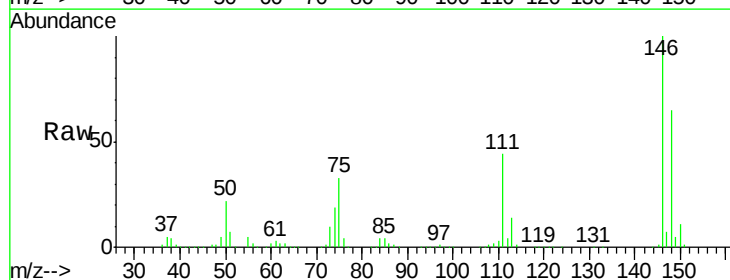
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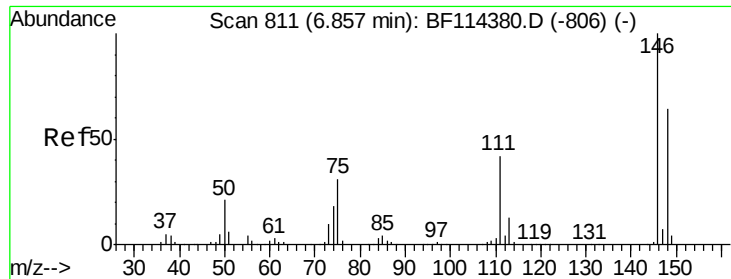
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#12
1,3-Dichlorobenzene
Concen: 39.330 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
75	32.6	24.2	36.2





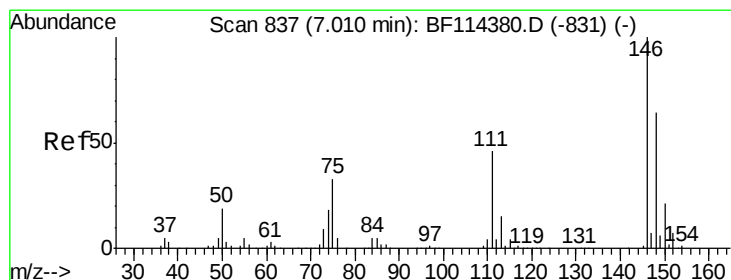
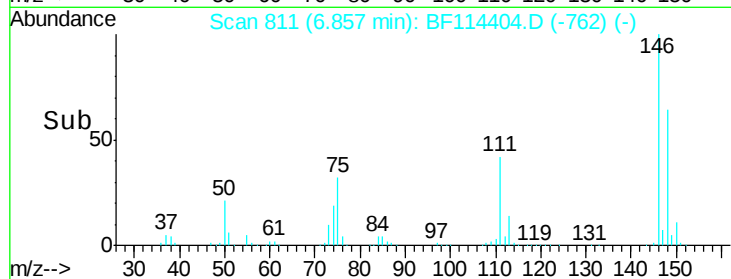
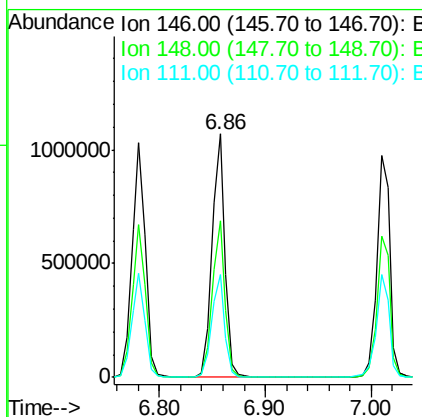
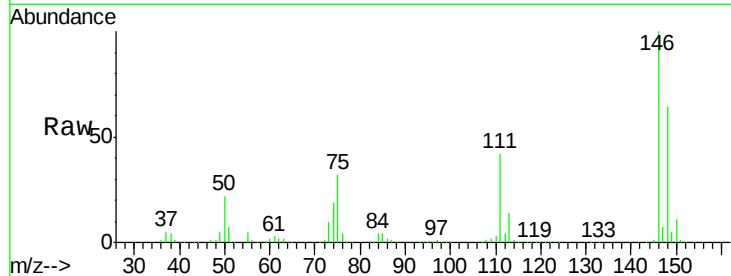
#13
 1,4-Dichlorobenzene
 Concen: 39.139 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	925056		
148	64.2	50.2	75.2	
111	42.3	35.8	53.6	

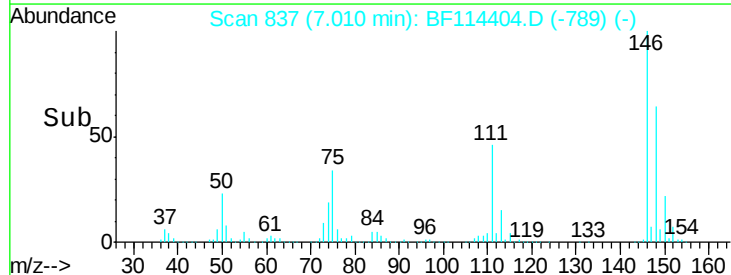
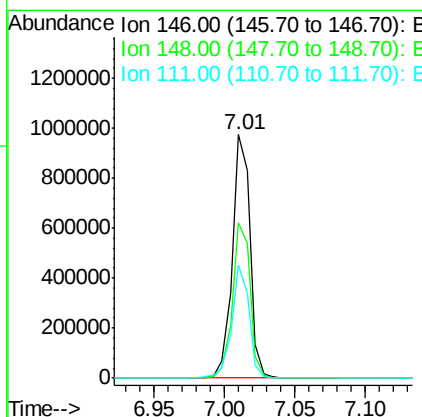
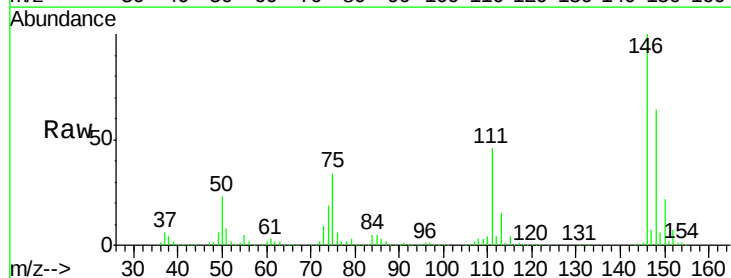
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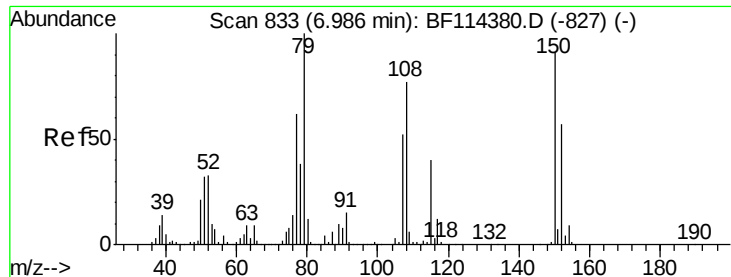
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#14
 1,2-Dichlorobenzene
 Concen: 39.125 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	844836		
148	63.6	51.1	76.7	
111	46.5	35.3	52.9	





#15

Benzyl Alcohol

Concen: 37.266 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

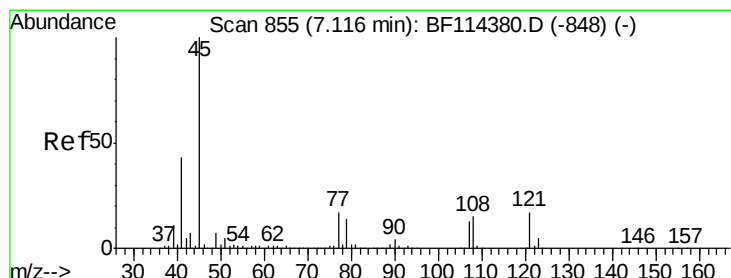
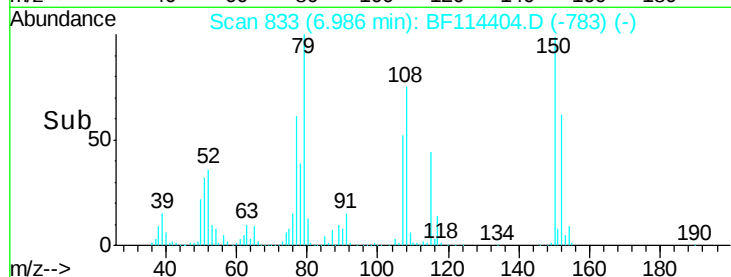
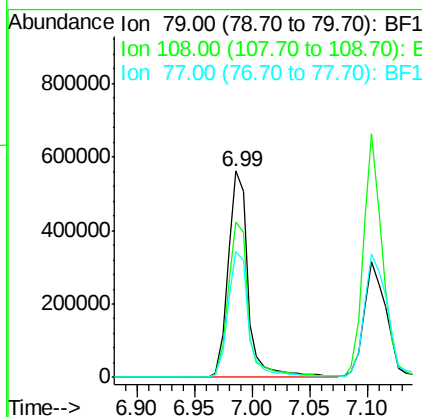
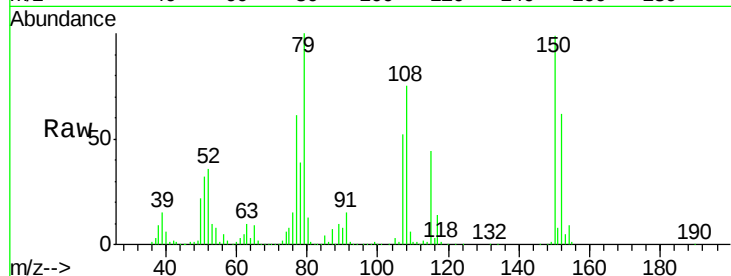
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	672843
Ion Ratio	Lower	Upper	
79	100		
108	75.5	62.1	93.1
77	60.8	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.002 ng

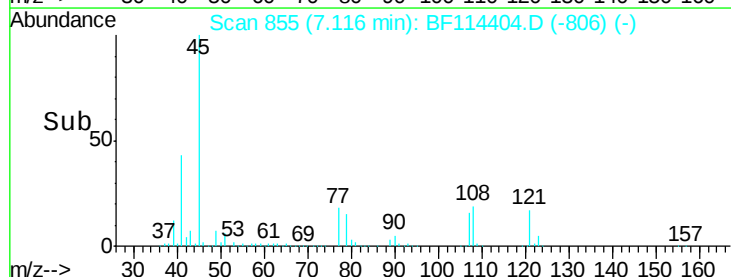
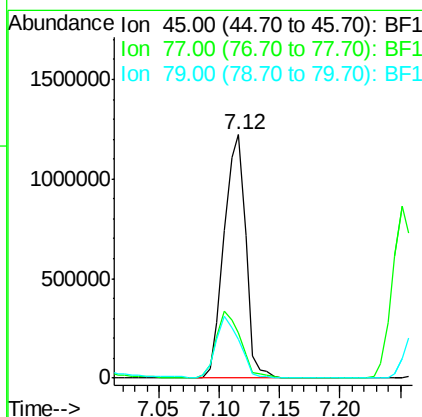
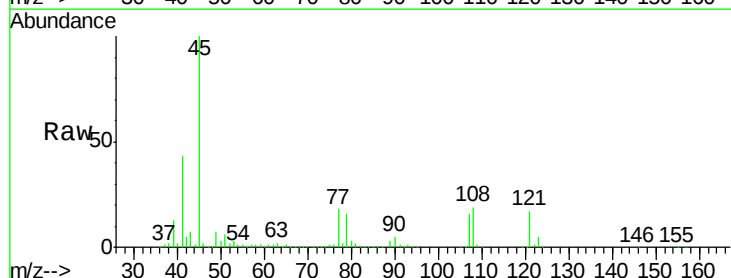
RT: 7.12 min Scan# 855

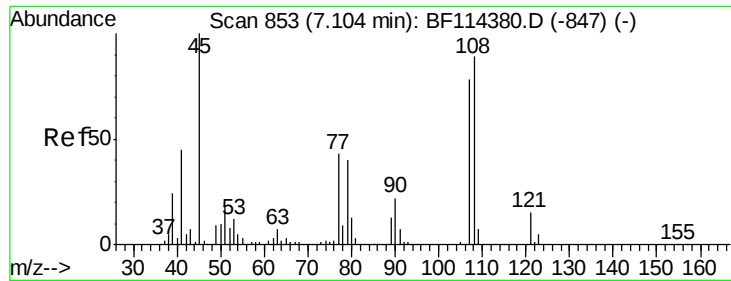
Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	45	Resp:	1523369
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	31.1
79	15.7	0.0	28.4





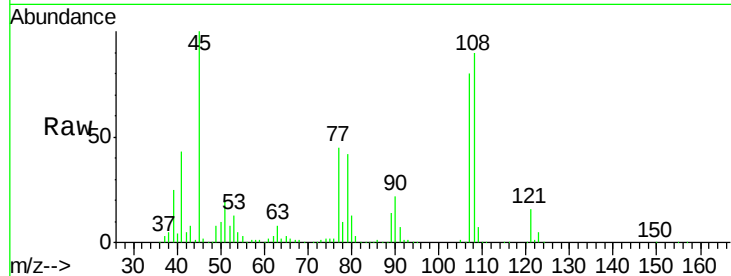
#17
2-Methylphenol
Concen: 38.117 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

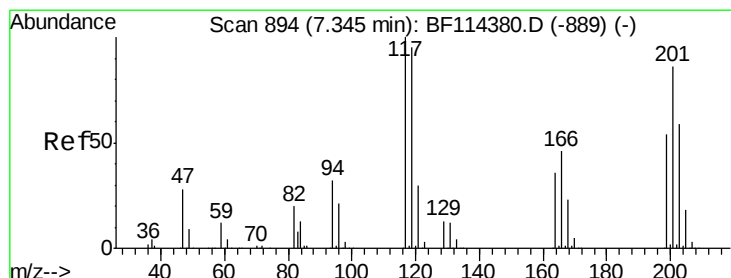
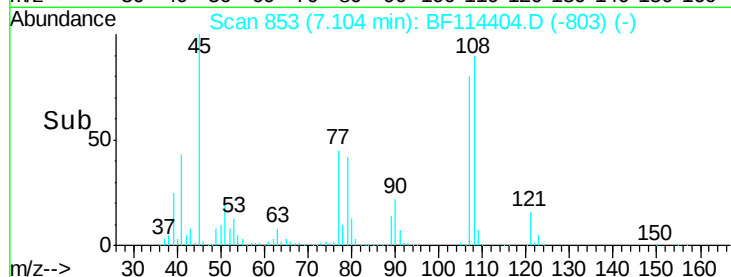
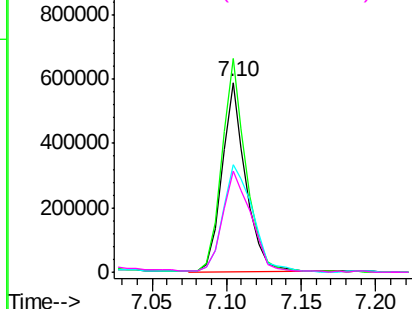
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	654267		
108	112.4	90.5	135.7	
77	56.9	37.0	55.4	
79	53.2	35.8	53.8	

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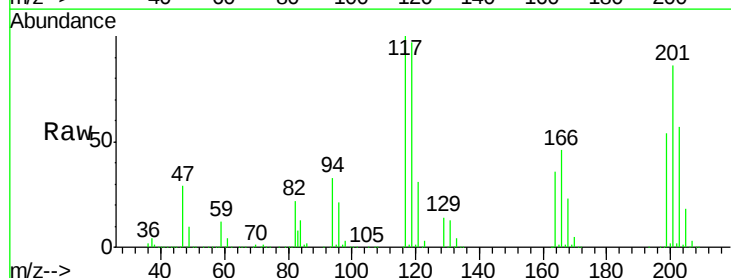


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

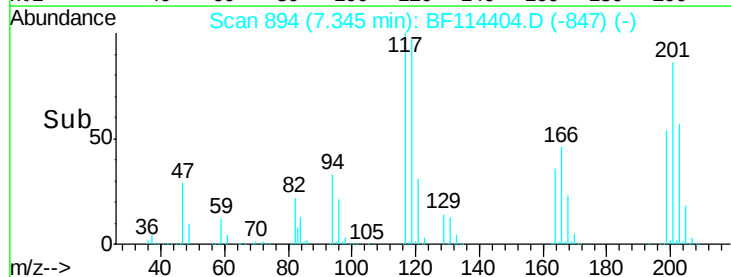
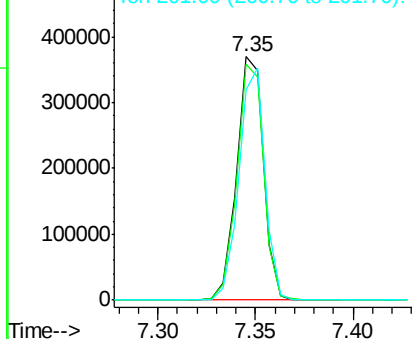


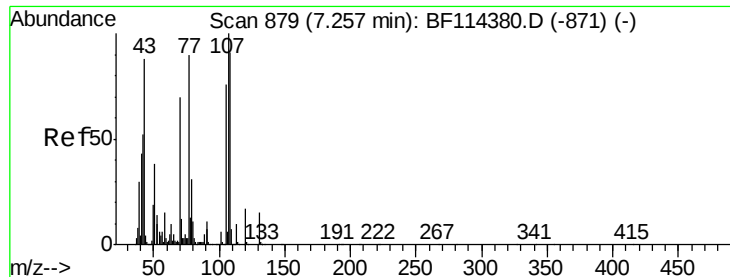
#18
Hexachloroethane
Concen: 39.437 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	349877		
119	97.0	77.4	116.2	
201	86.3	74.5	111.7	



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





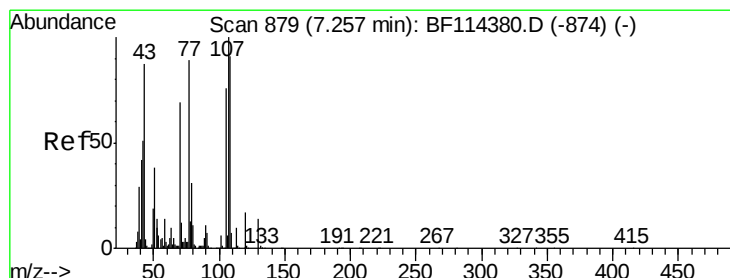
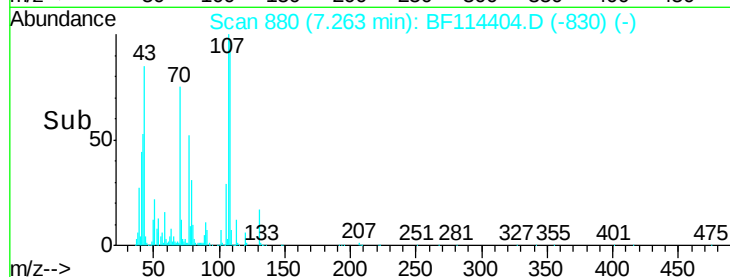
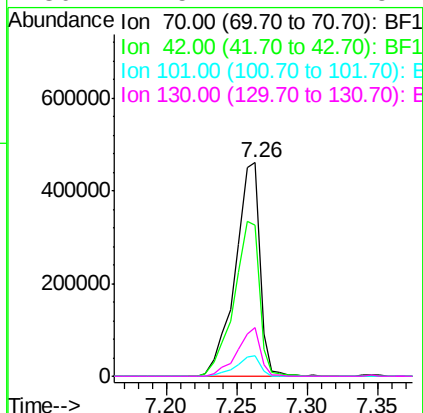
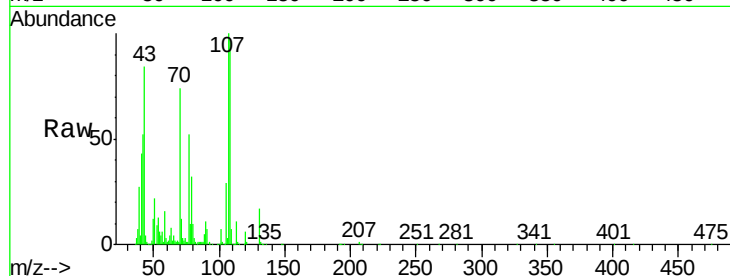
#19
n-Nitroso-di-n-propylamine
Concen: 38.257 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		561365		
42	70.5	58.6		87.8	
101	9.4	7.8		11.8	
130	22.5	17.1		25.7	

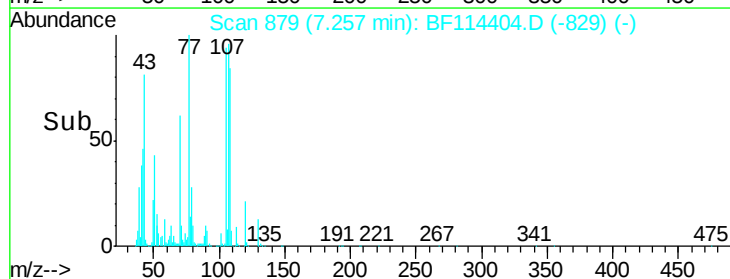
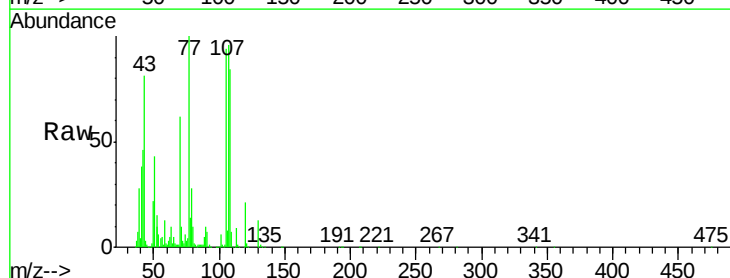
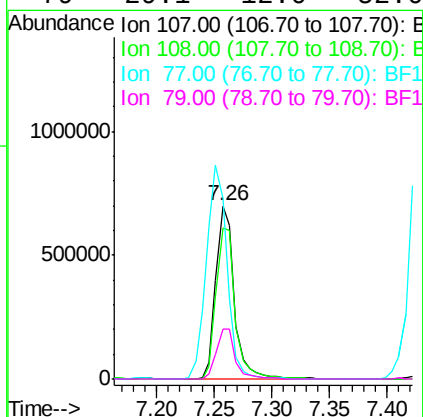
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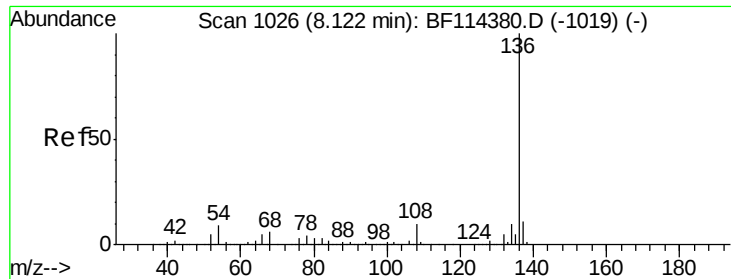
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#20
3+4-Methylphenols
Concen: 39.179 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		776990		
108	87.5	73.8		113.8	
77	104.1	111.5		151.5	
79	29.1	12.0		52.0	





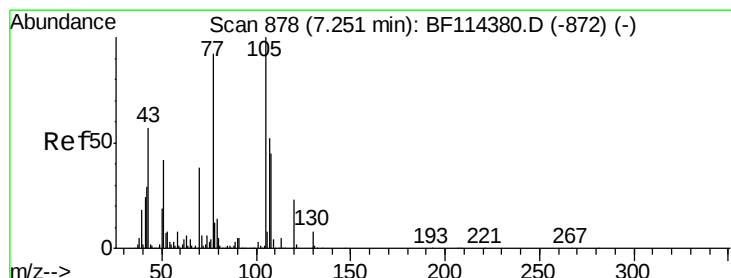
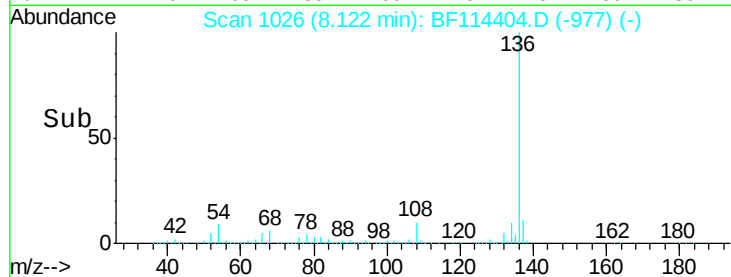
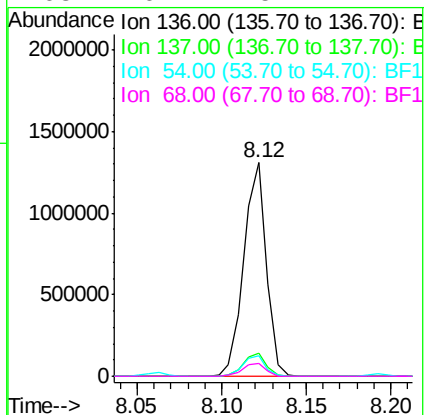
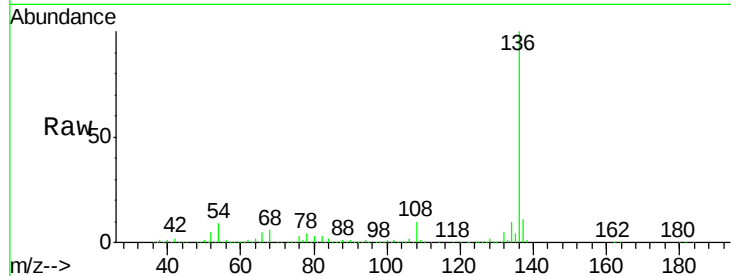
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	1219895		
137	11.1	8.8	13.2	
54	9.3	7.8	11.8	
68	6.1	5.1	7.7	

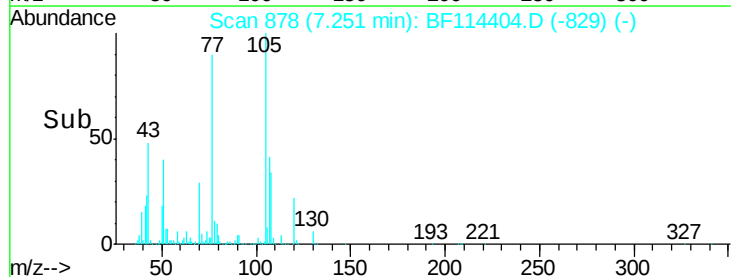
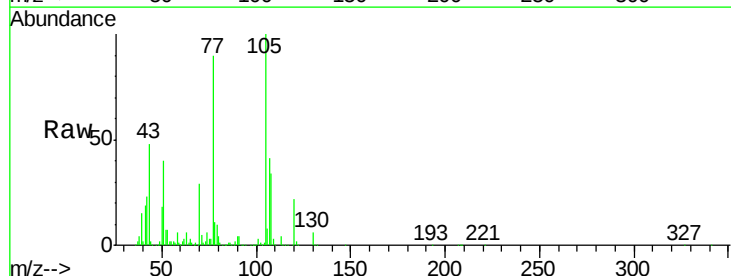
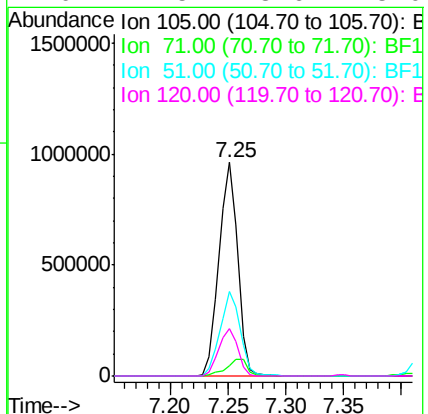
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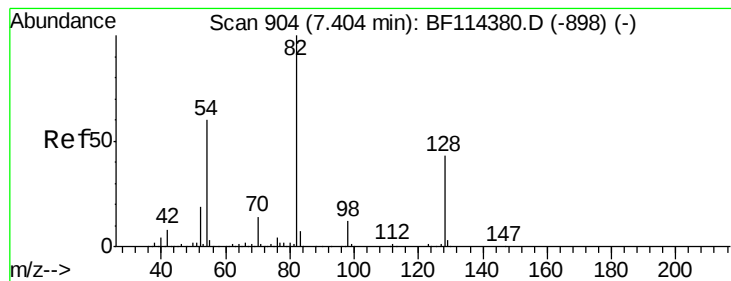
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#22
Acetophenone
Concen: 40.211 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1086675		
71	4.9	5.3	7.9#	
51	39.6	36.2	54.4	
120	22.5	18.6	28.0	





#23

Nitrobenzene-d5

Concen: 80.067 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1740426

Ion Ratio Lower Upper

82 100

128 45.2 35.5 53.3

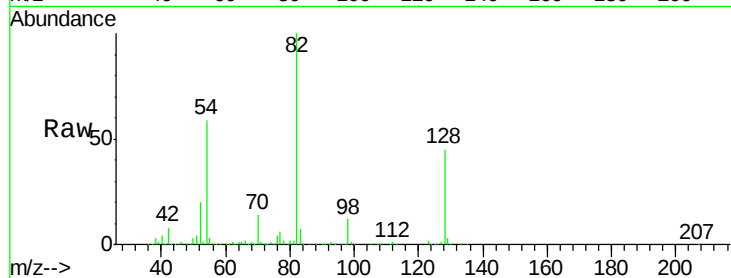
54 58.7 48.5 72.7

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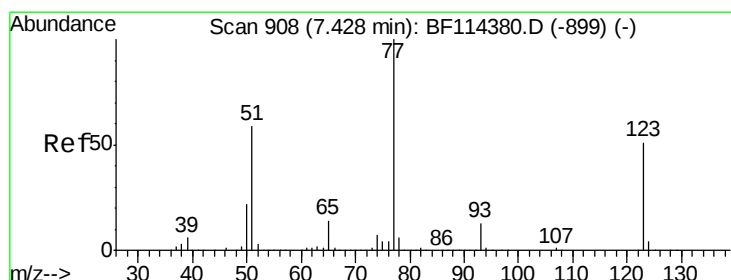
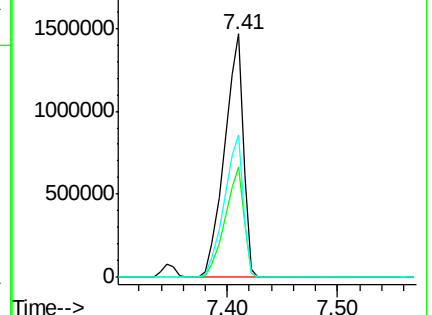
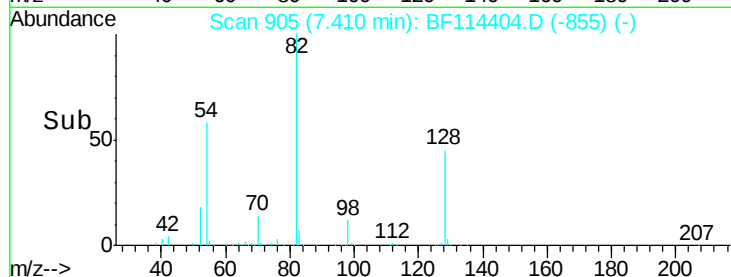
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.567 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

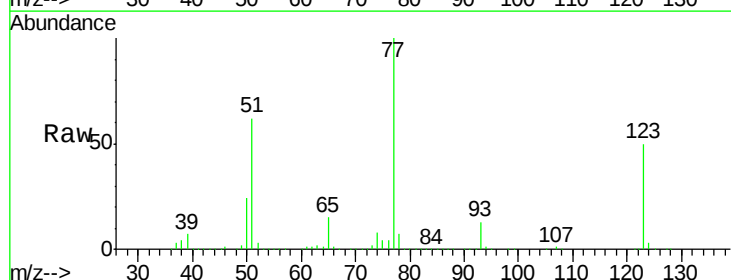
Tgt Ion: 77 Resp: 898132

Ion Ratio Lower Upper

77 100

123 49.8 36.9 55.3

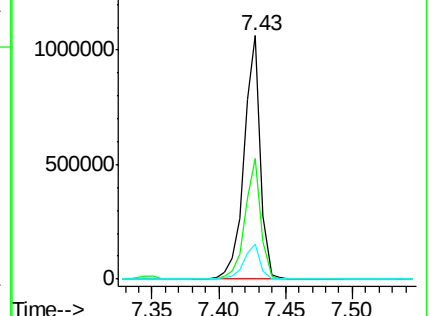
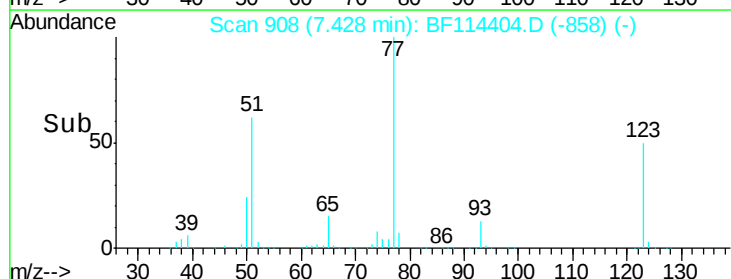
65 14.5 11.8 17.6

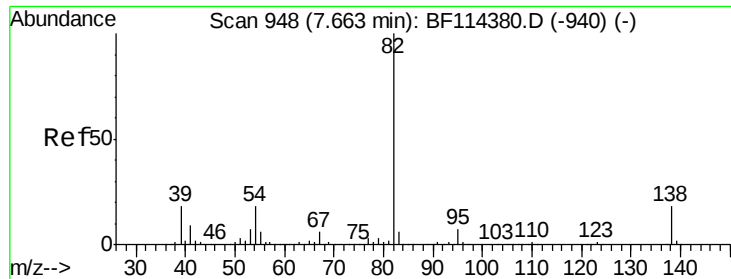


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.863 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1647365

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

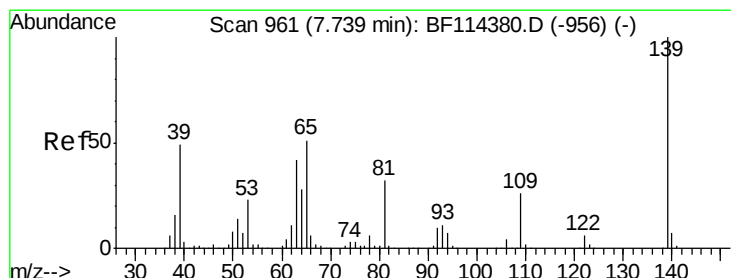
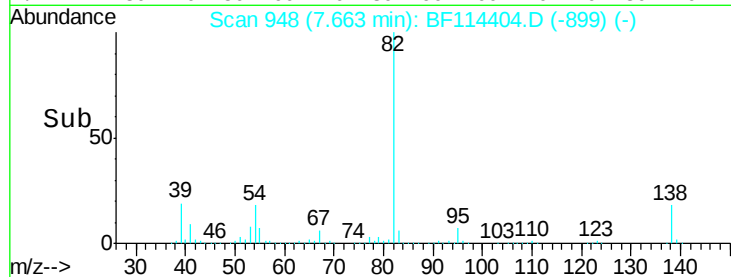
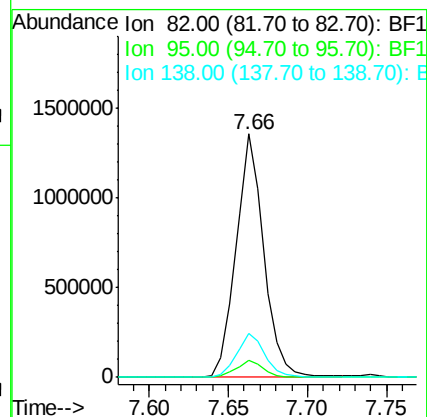
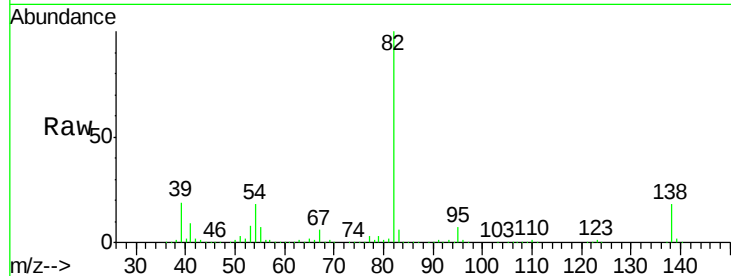
138 18.1 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.475 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

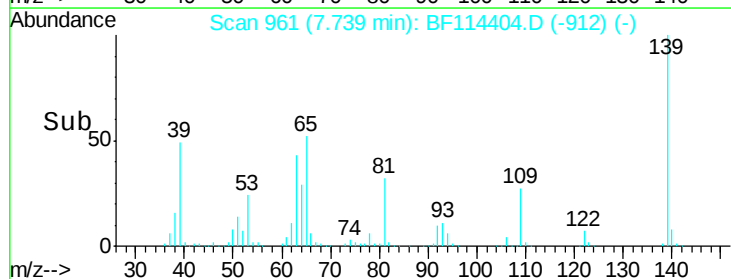
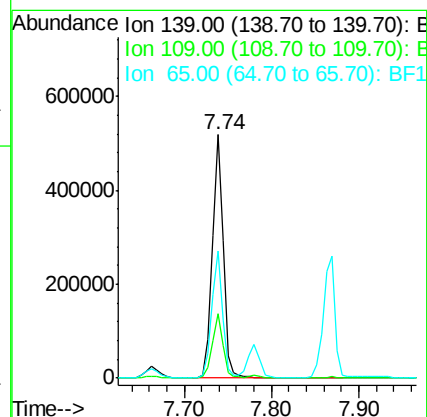
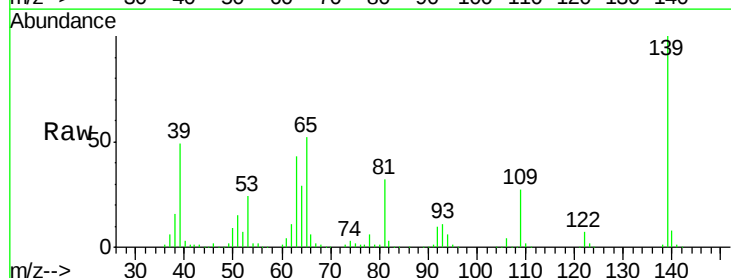
Tgt Ion: 139 Resp: 456237

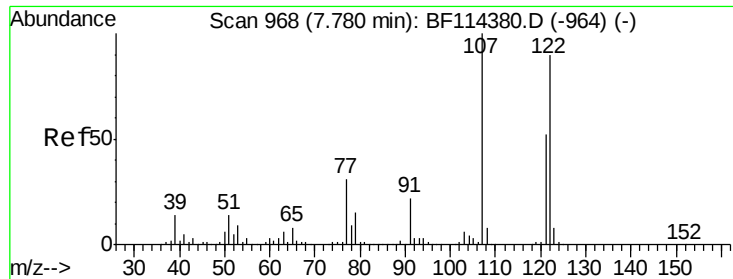
Ion Ratio Lower Upper

139 100

109 26.6 20.7 31.1

65 52.4 40.2 60.2





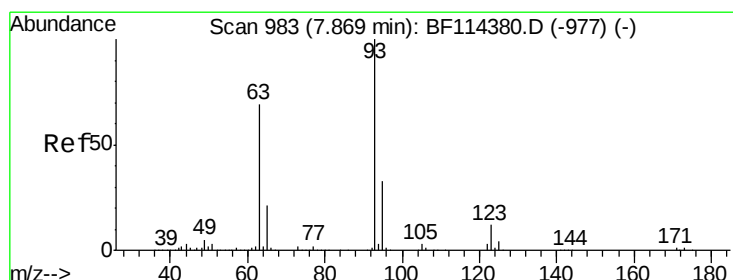
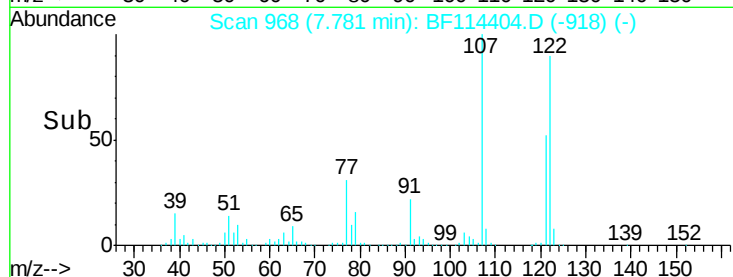
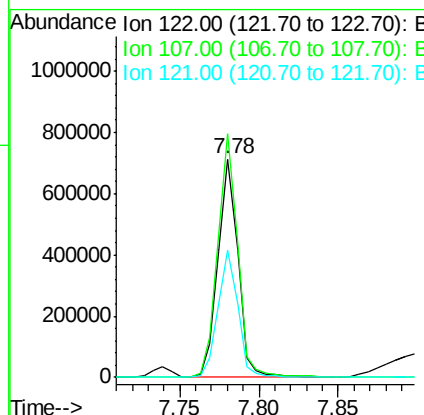
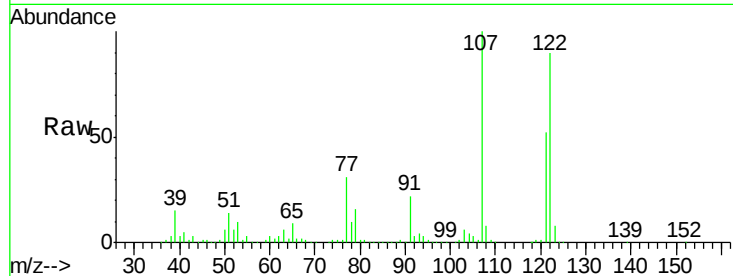
#27
2,4-Dimethylphenol
Concen: 37.116 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.4	132.6
121	58.4	45.9	68.9

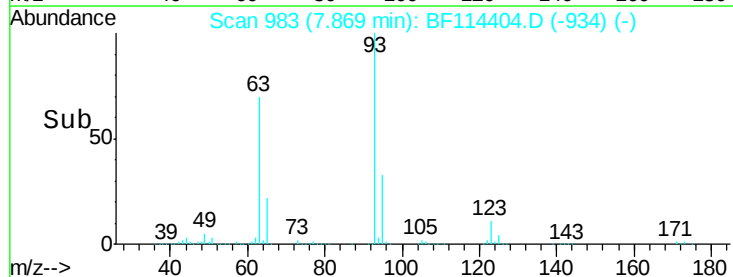
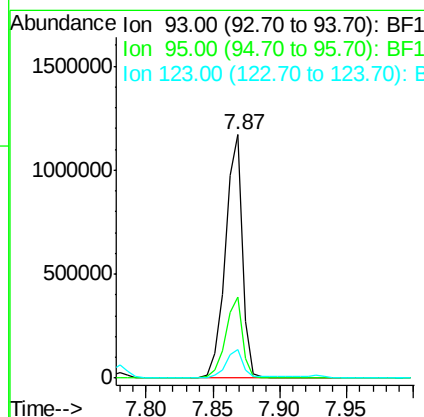
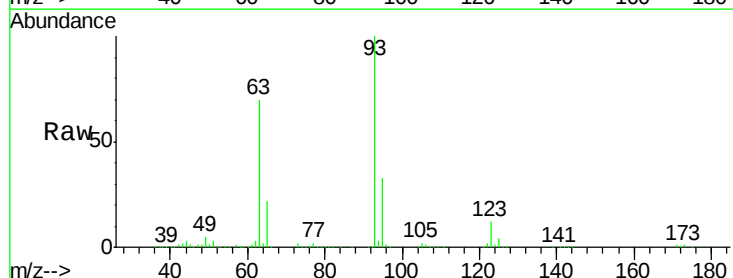
Manual Integrations
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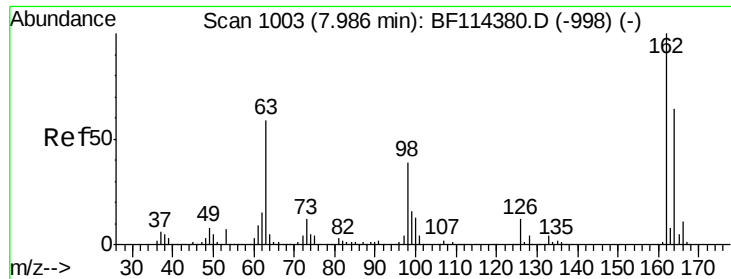
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.566 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.8	40.2
123	11.5	9.5	14.3





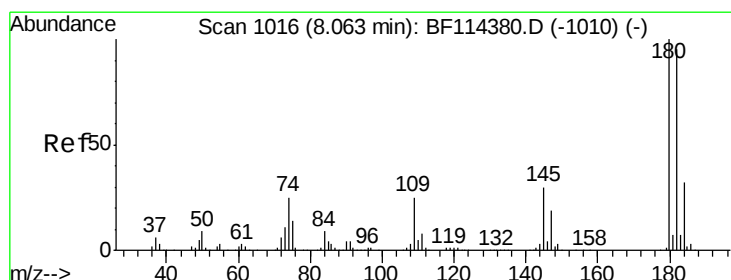
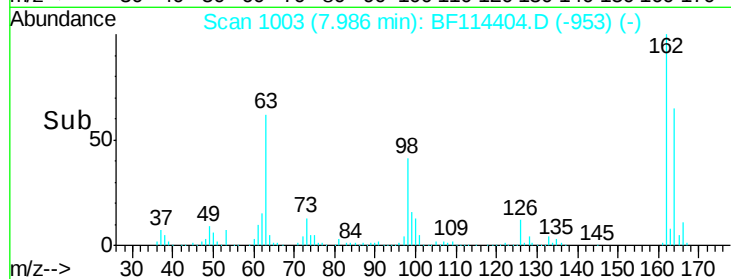
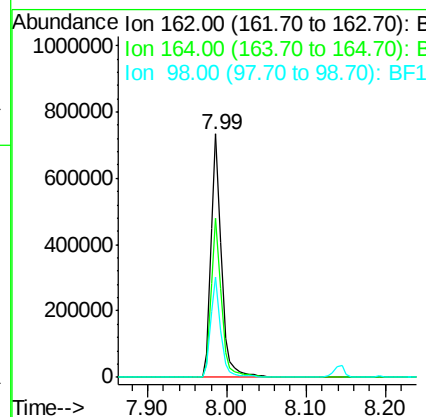
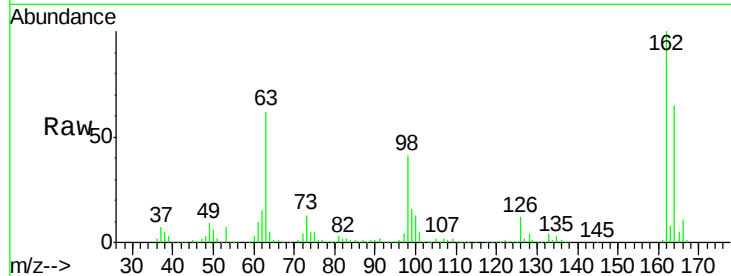
#29
2,4-Dichlorophenol
Concen: 40.404 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	678738		
164	65.1	43.6	83.6	
98	40.9	20.6	60.6	

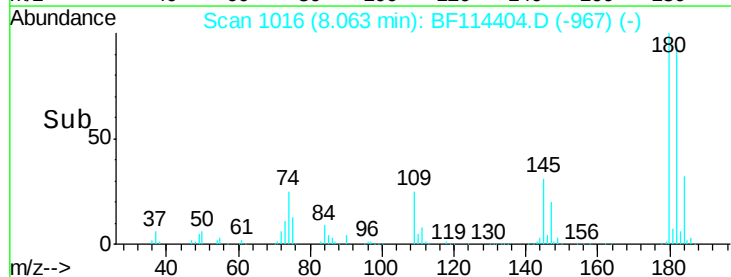
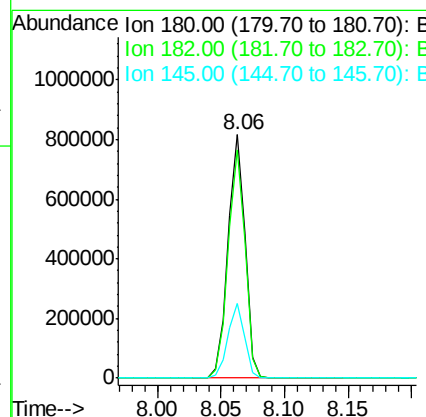
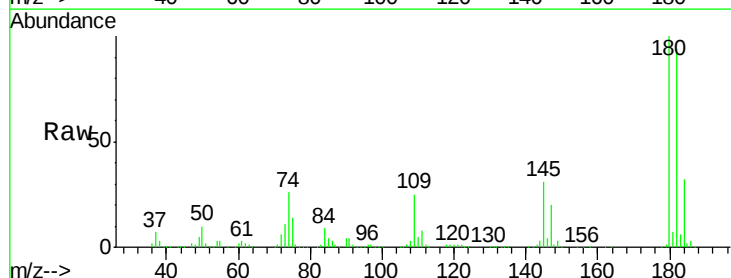
Manual Integrations
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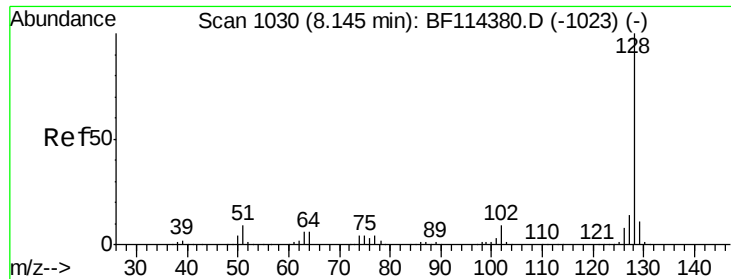
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#30
1,2,4-Trichlorobenzene
Concen: 39.855 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	761326		
182	93.9	76.6	114.8	
145	30.9	25.1	37.7	





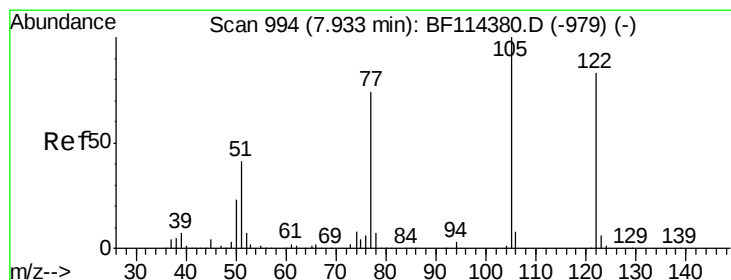
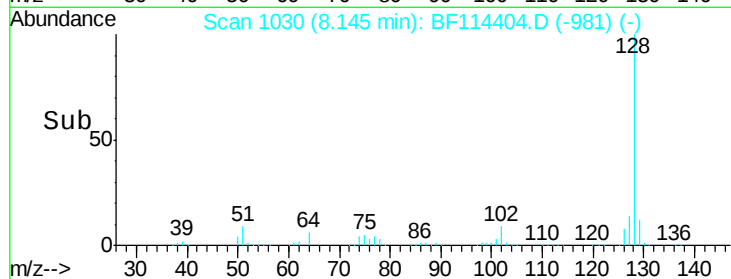
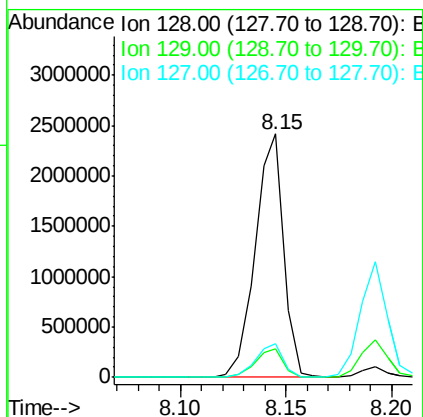
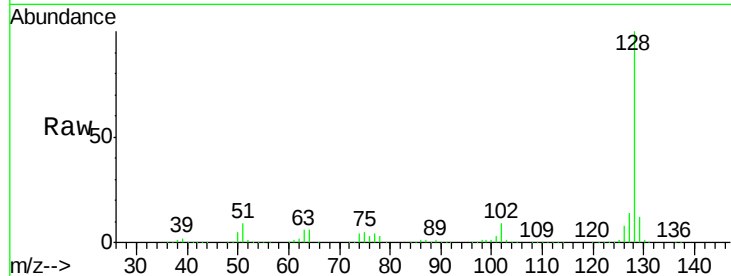
#31
Naphthalene
Concen: 39.631 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2258329
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 14.0 11.3 16.9

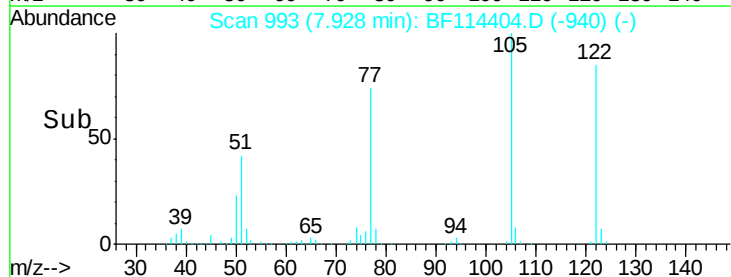
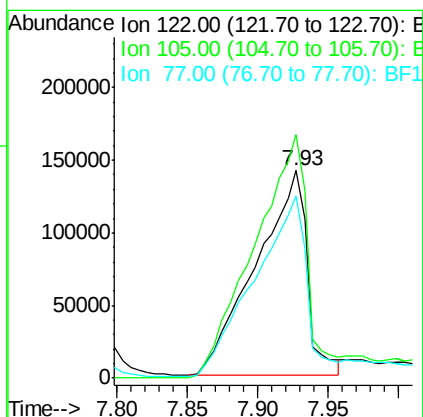
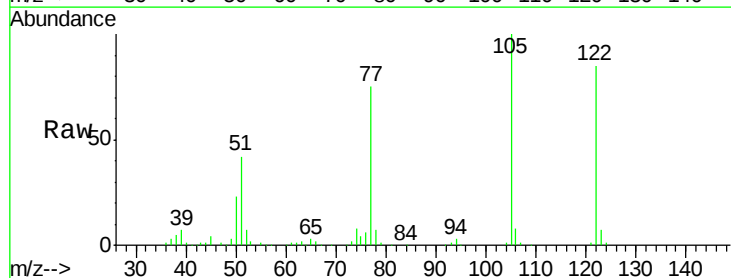
Manual Integrations
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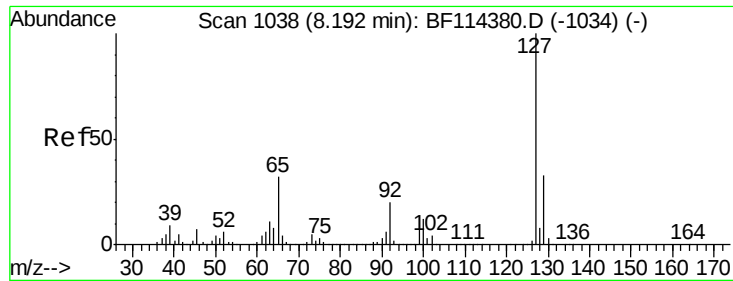
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#32
Benzoic acid
Concen: 32.488 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion:122 Resp: 358826
Ion Ratio Lower Upper
122 100
105 117.4 99.9 139.9
77 87.6 69.4 109.4





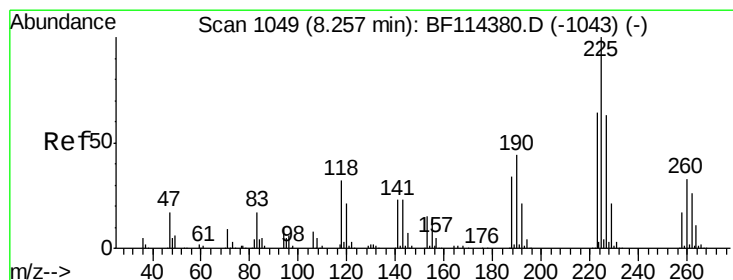
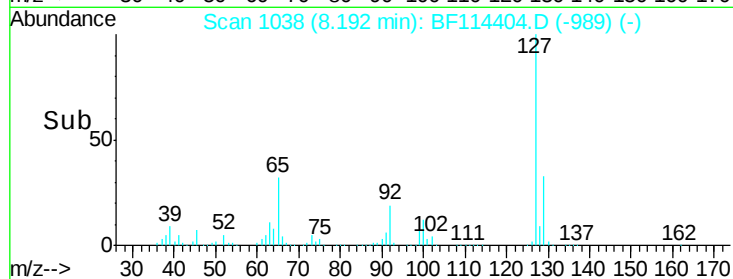
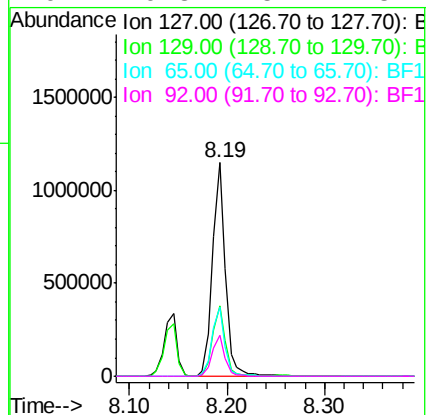
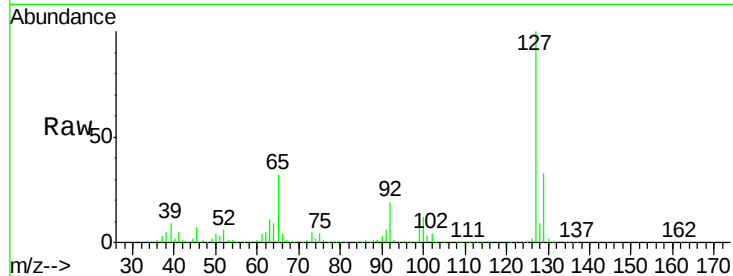
#33
4-Chloroaniline
Concen: 40.560 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.7	40.1
65	32.2	25.4	38.0
92	19.3	15.4	23.2

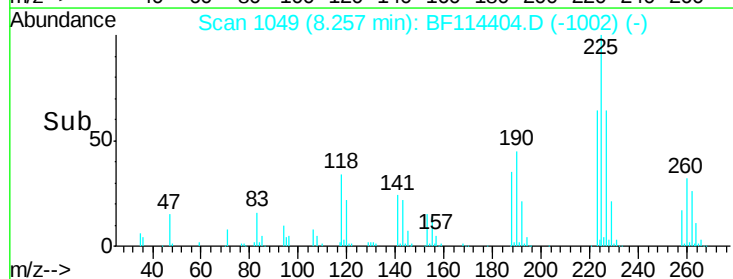
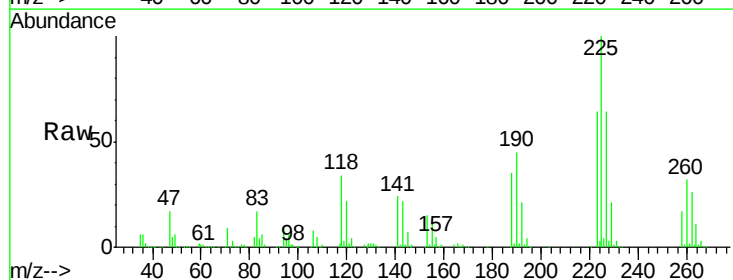
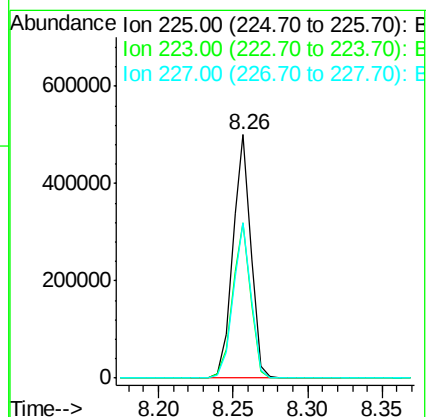
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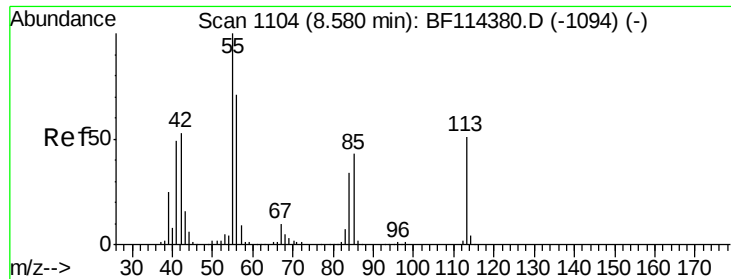
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#34
Hexachlorobutadiene
Concen: 39.346 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	63.7	52.6	79.0





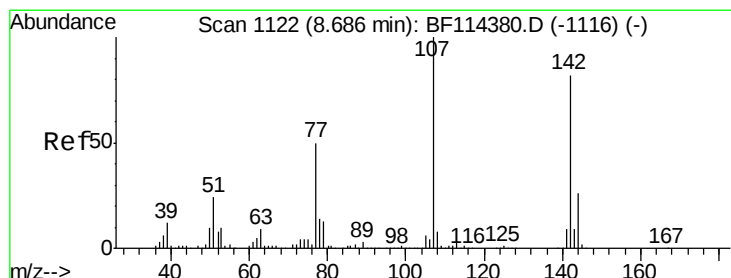
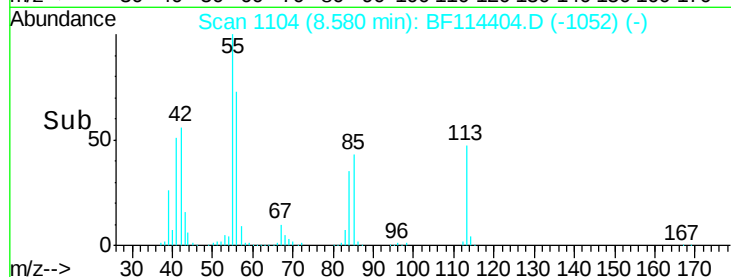
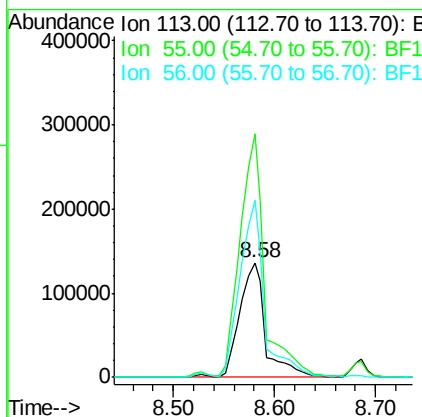
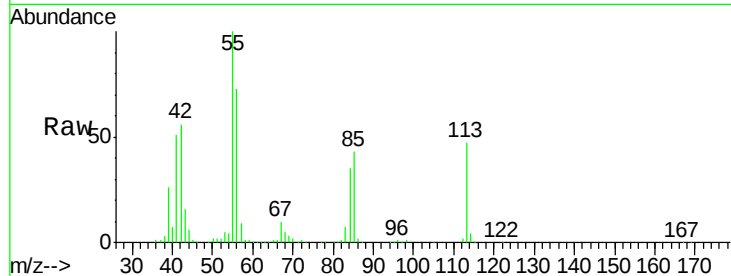
#35
 Caprolactam
 Concen: 44.526 ng m
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	212.3	183.5	223.5
56	154.0	128.8	168.8

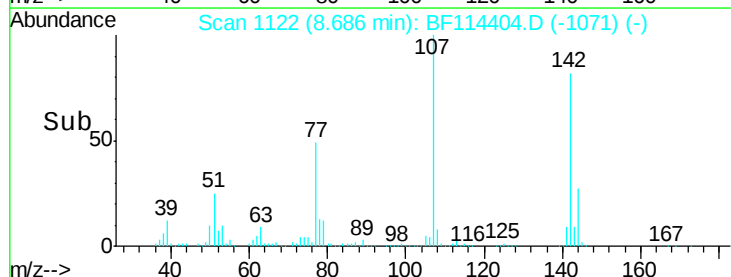
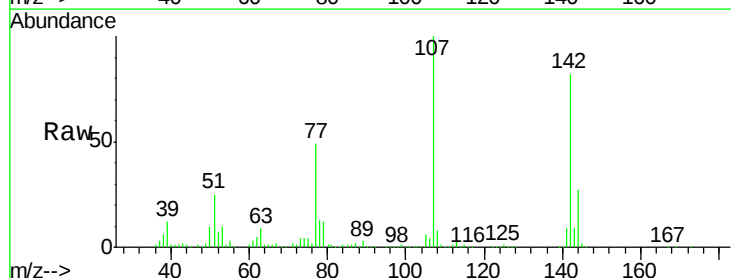
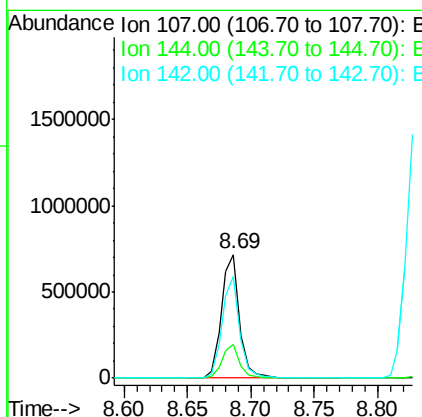
Manual Integrations
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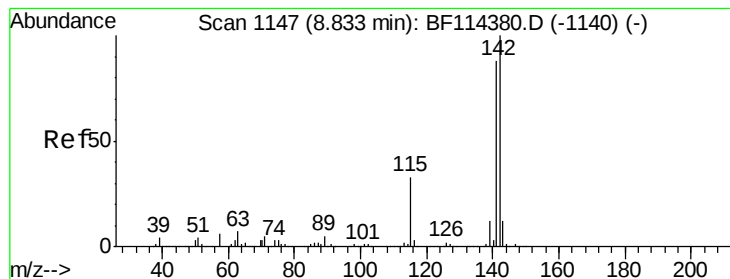
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#36
 4-Chloro-3-methylphenol
 Concen: 42.118 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.4	30.6
142	81.8	64.2	96.4





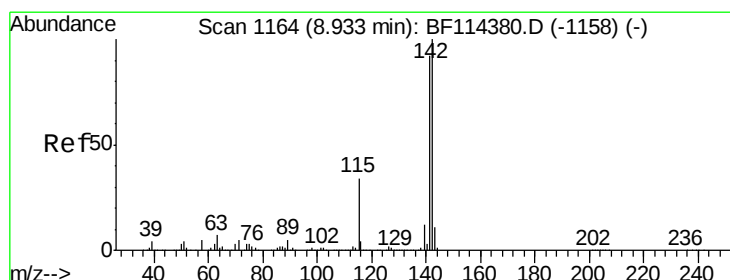
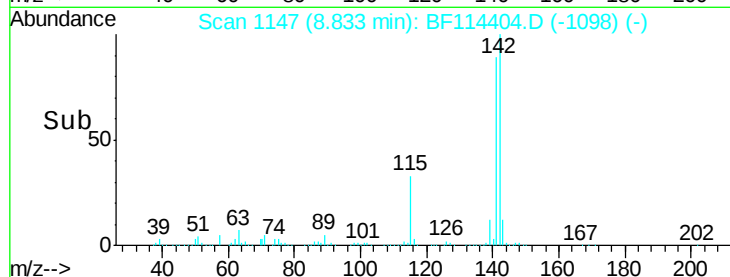
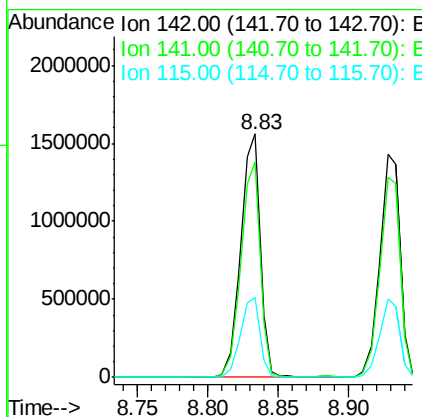
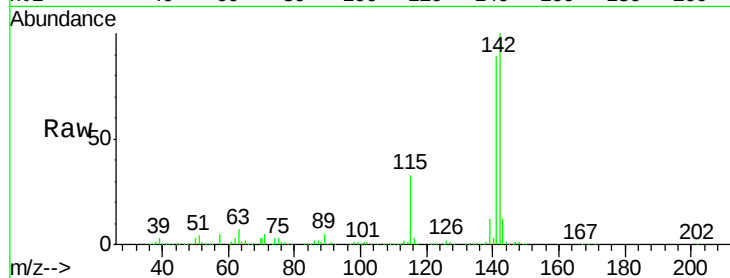
#37
2-Methylnaphthalene
Concen: 40.801 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
115	32.7	28.0	42.0

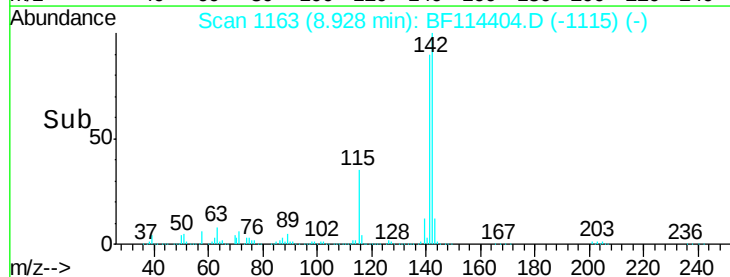
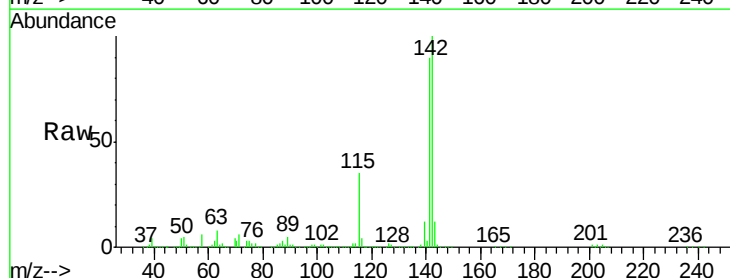
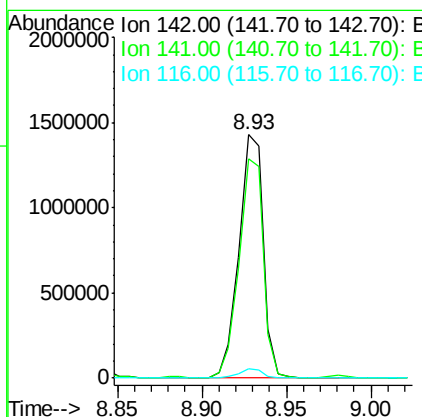
Manual Integrations
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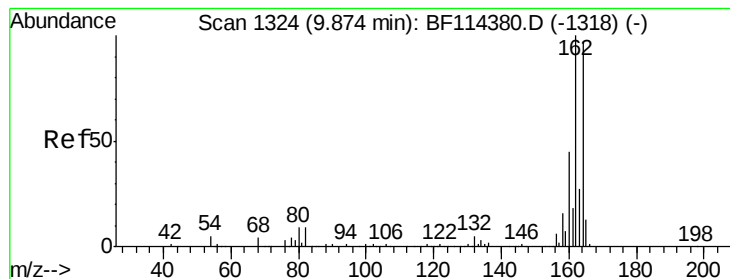
Sohil
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#38
1-Methylnaphthalene
Concen: 41.274 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.0
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

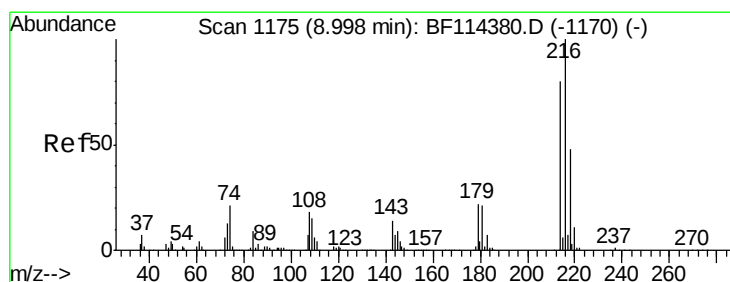
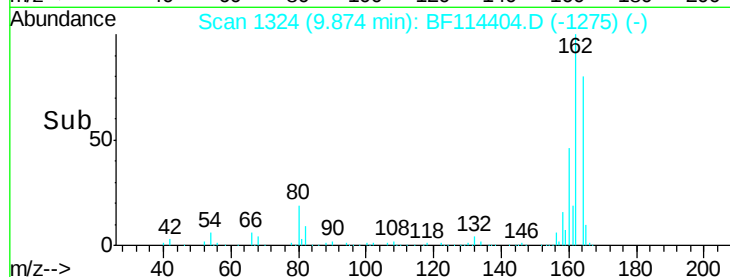
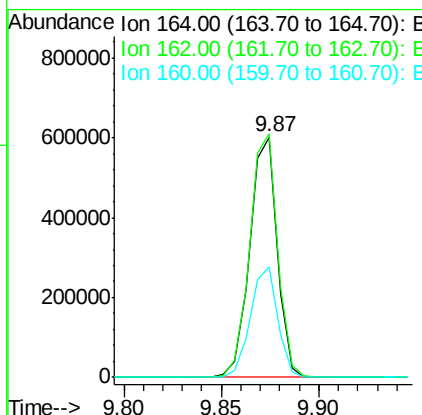
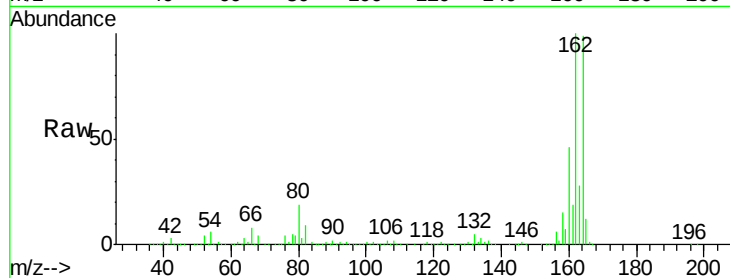
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	582272
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.6	120.8
160	46.2	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.881 ng

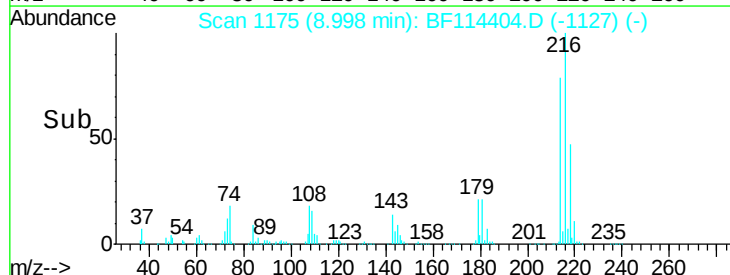
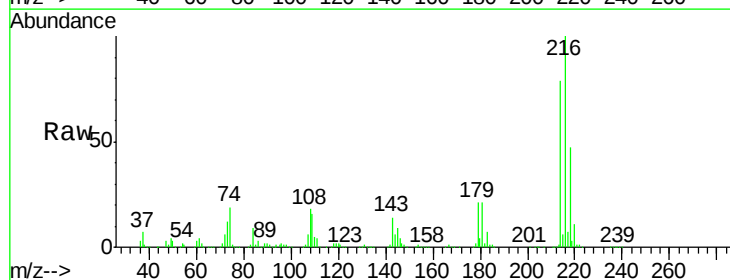
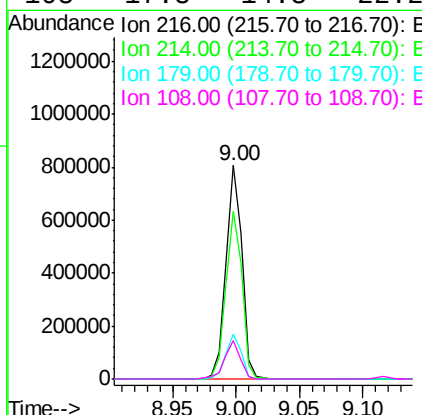
RT: 9.00 min Scan# 1175

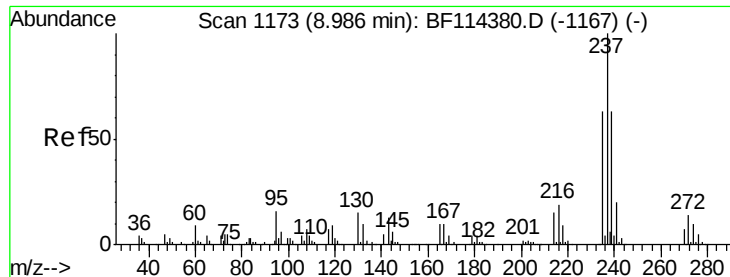
Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	216	Resp:	703425
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.9	95.9
179	20.9	17.0	25.6
108	17.8	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 18.118 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

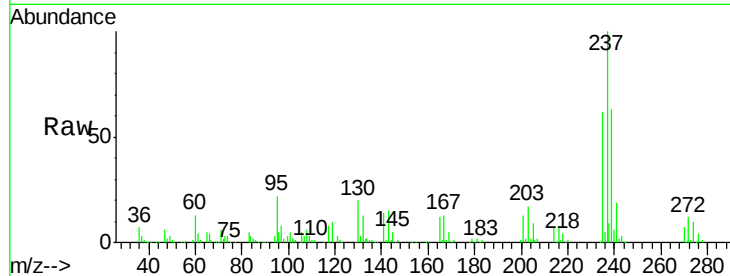
ClientSampleId :

SSTDCCC040

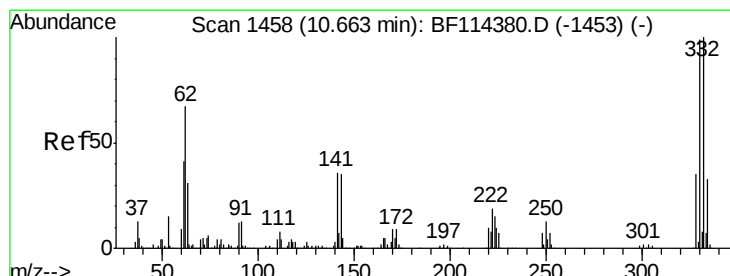
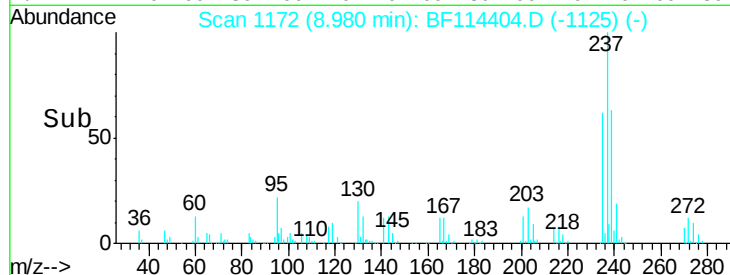
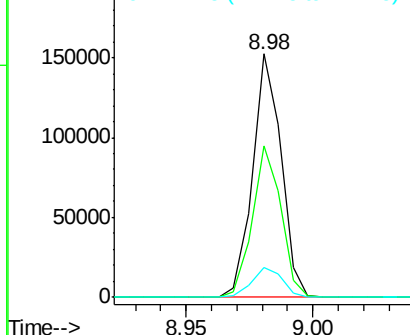
Tgt Ion:	237	Resp:	119825
Ion Ratio		Lower	Upper
237	100		
235	62.1	42.0	82.0
272	12.2	0.0	32.4

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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: 70.715 ng

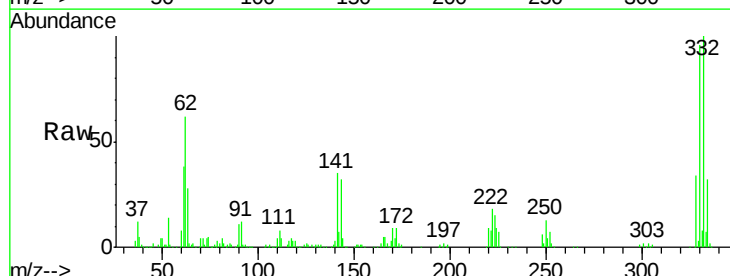
RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

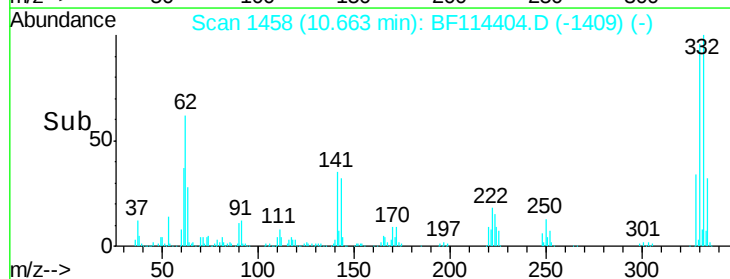
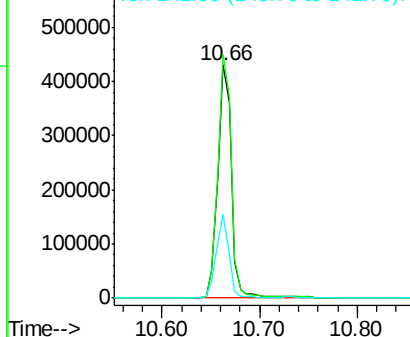
Lab File: BF114404.D

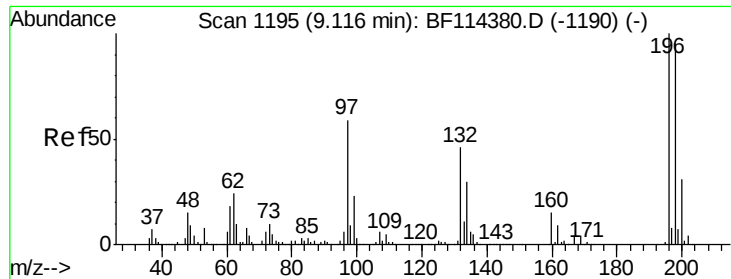
Acq: 18 May 2019 21:54

Tgt Ion:	330	Resp:	425684
Ion Ratio		Lower	Upper
330	100		
332	103.7	81.4	122.2
141	33.3	26.6	40.0



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





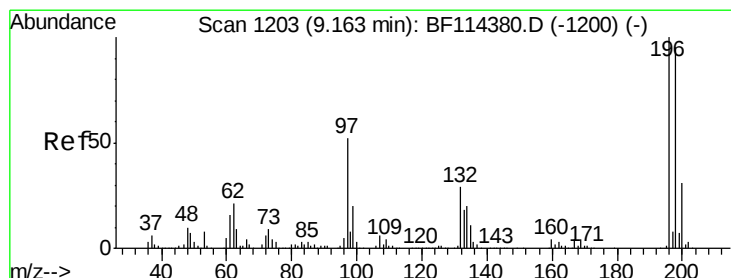
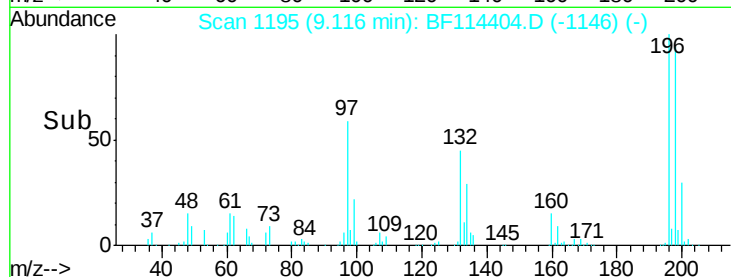
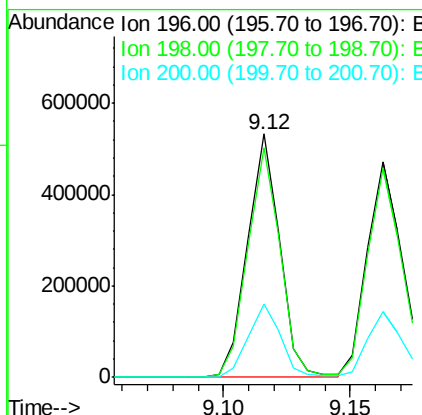
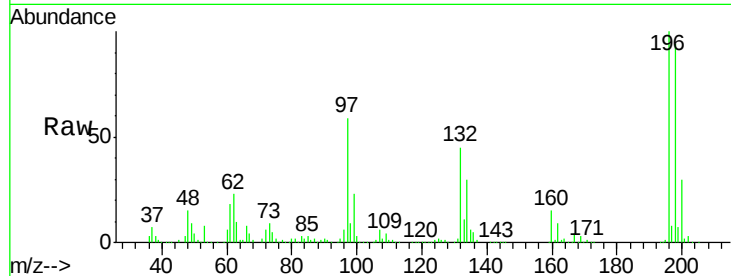
#43
 2,4,6-Trichlorophenol
 Concen: 39.198 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	475559		
198	94.3	75.9	113.9	
200	29.9	23.5	35.3	

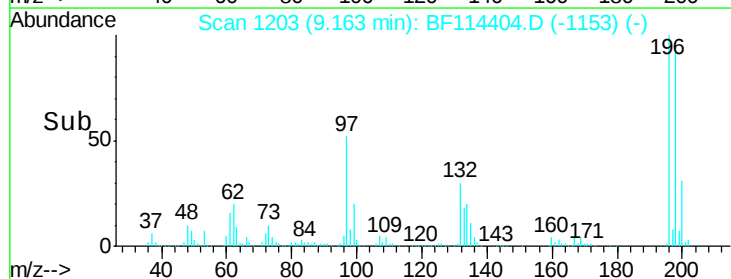
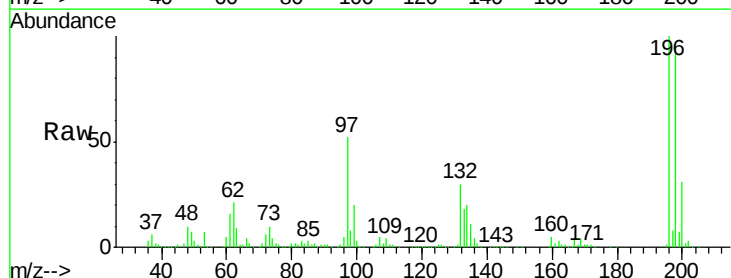
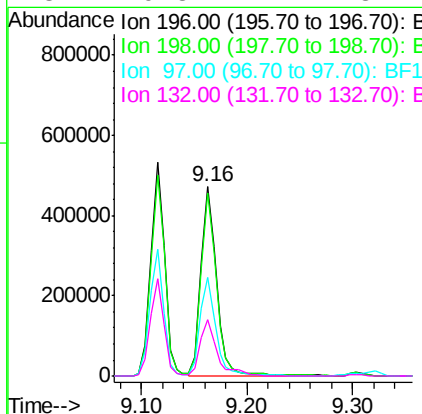
Manual Integrations
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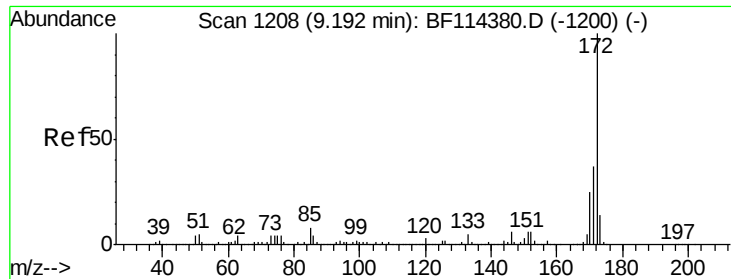
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#44
 2,4,5-Trichlorophenol
 Concen: 38.635 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	480698		
198	96.8	77.7	116.5	
97	52.0	38.2	57.2	
132	29.8	21.4	32.2	





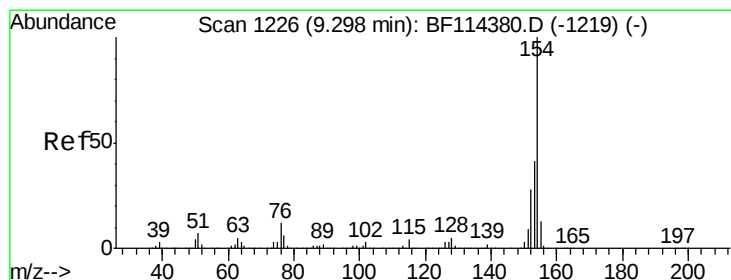
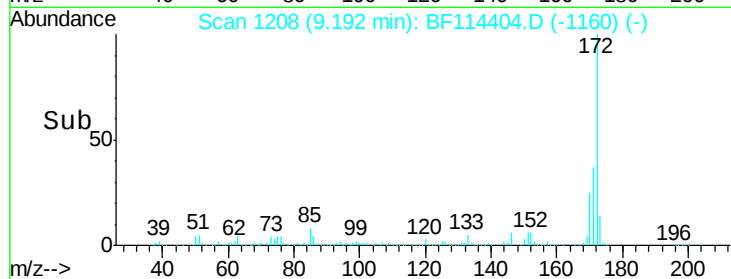
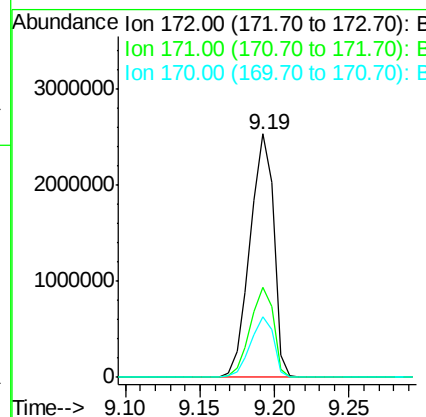
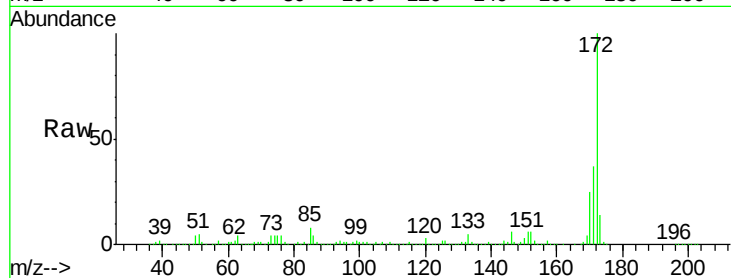
#45
2-Fluorobiphenyl
Concen: 72.266 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	25.1	20.5	30.7

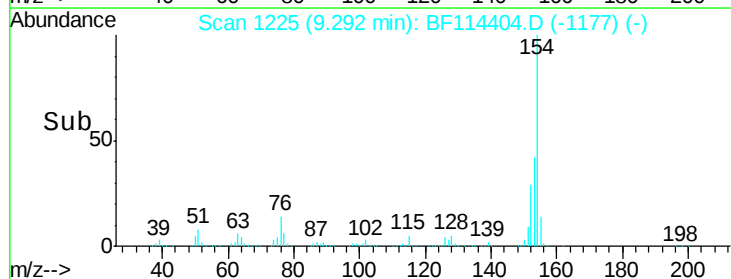
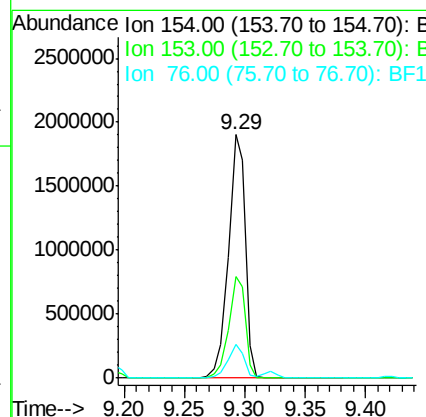
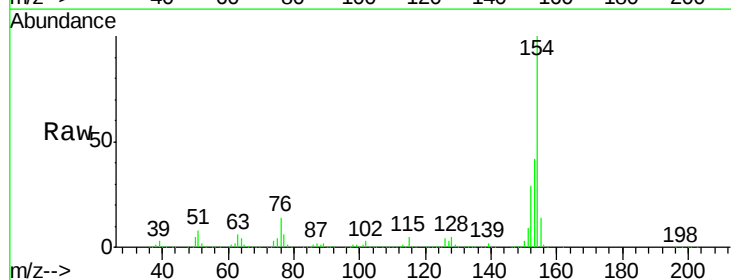
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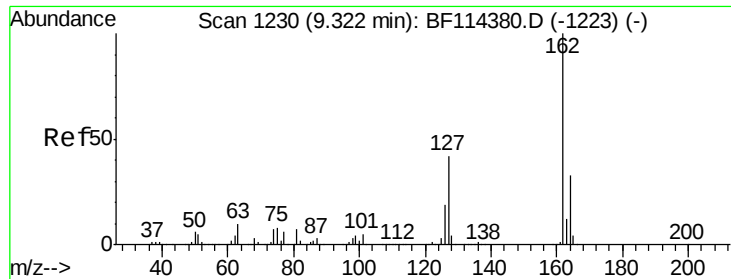
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#46
1,1'-Biphenyl
Concen: 38.837 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.9	61.9
76	14.0	0.0	32.8





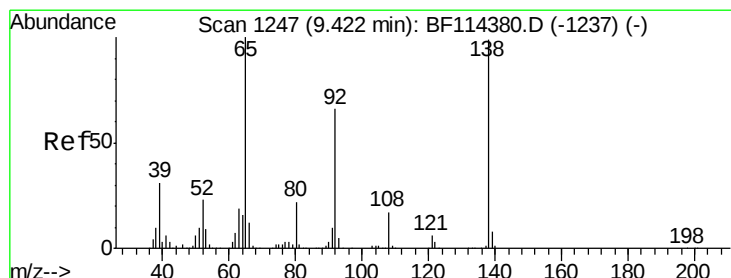
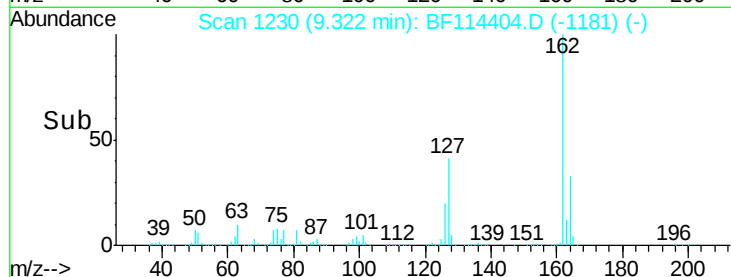
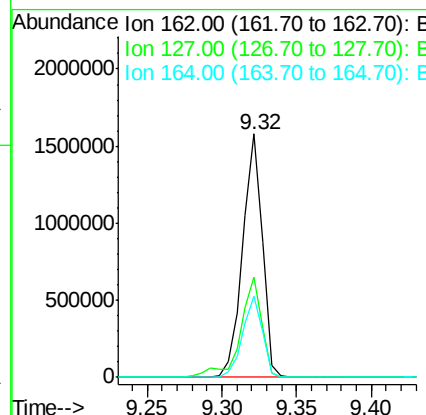
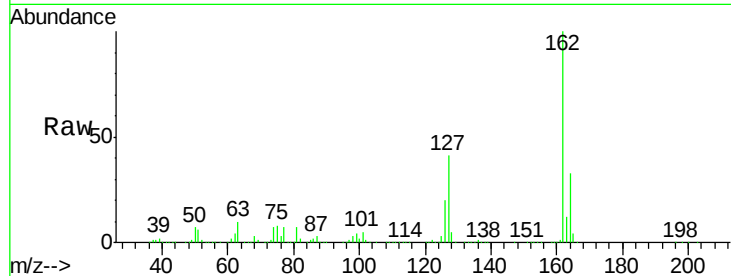
#47
 2-Chloronaphthalene
 Concen: 38.469 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.0	51.0
164	33.5	26.7	40.1

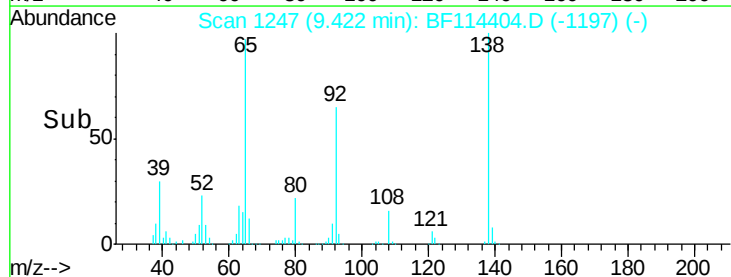
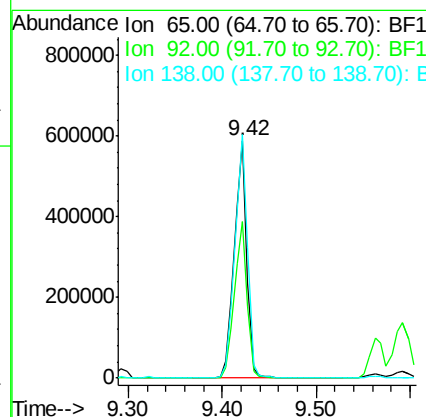
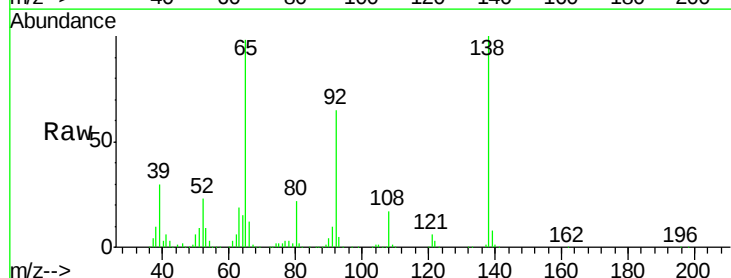
Manual Integrations
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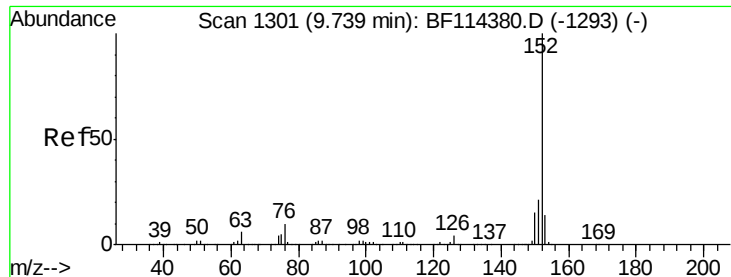
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#48
 2-Nitroaniline
 Concen: 40.472 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	102.4	81.4	122.0





#49

Acenaphthylene

Concen: 38.030 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

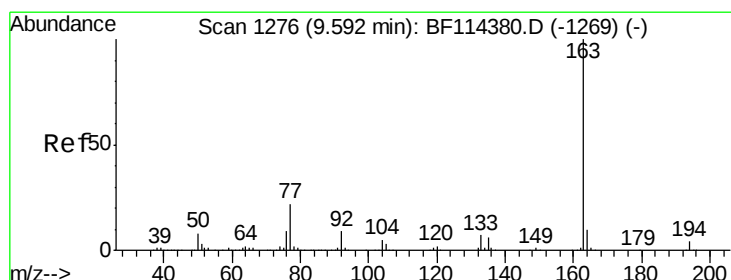
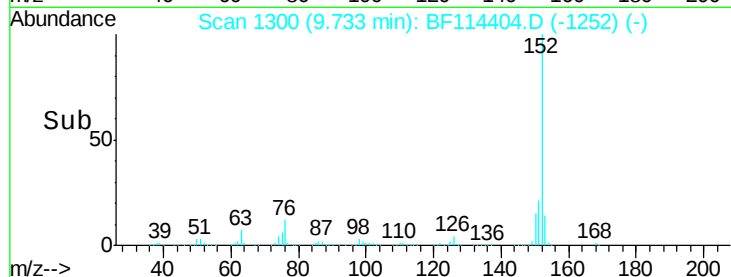
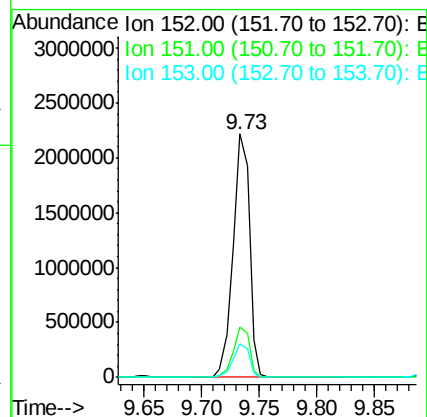
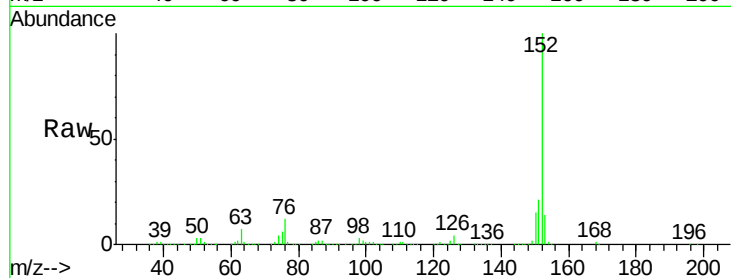
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	2189696
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.9	11.4	17.2

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#50

Dimethylphthalate

Concen: 40.980 ng

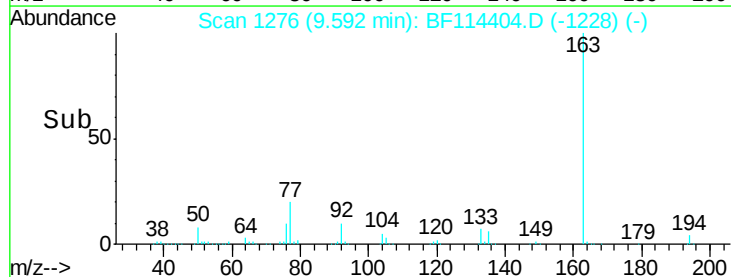
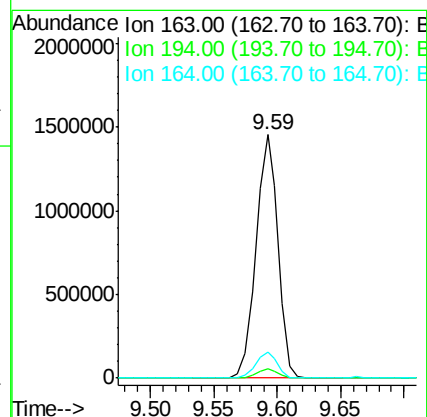
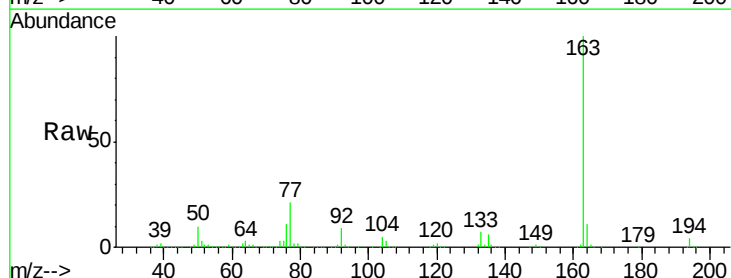
RT: 9.59 min Scan# 1276

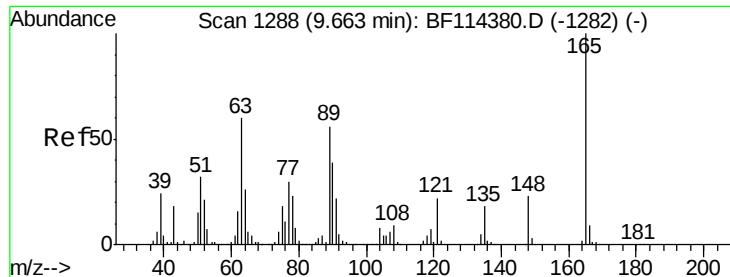
Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	163	Resp:	1751668
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.6	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 39.907 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

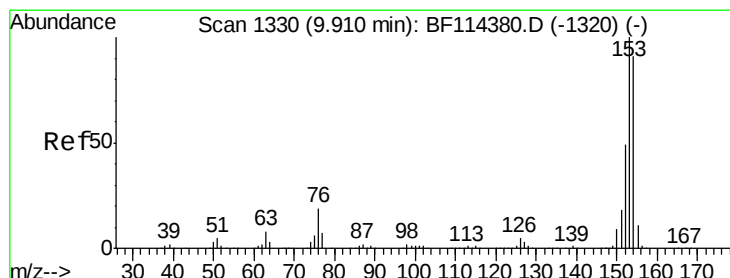
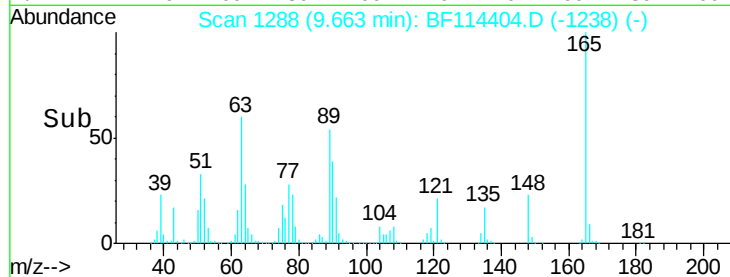
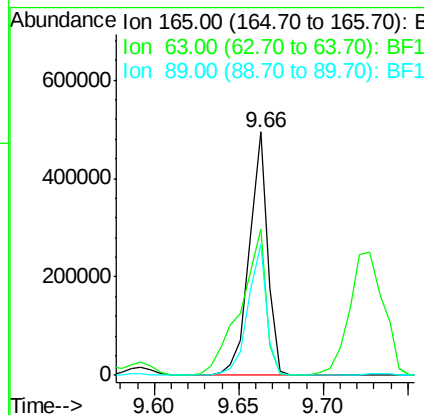
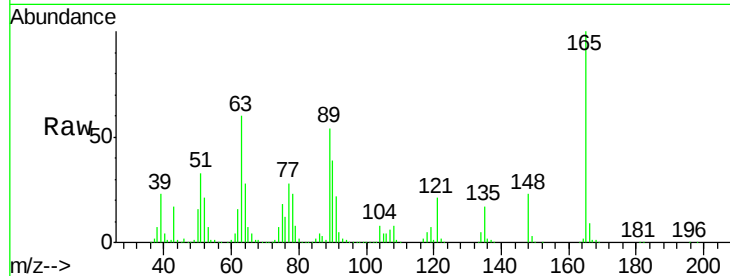
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	378341
Ion Ratio	Lower	Upper	
165	100		
63	60.2	50.2	75.4
89	53.8	46.6	69.8

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#52

Acenaphthene

Concen: 37.575 ng

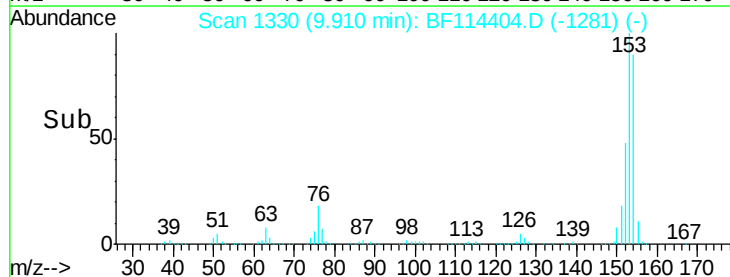
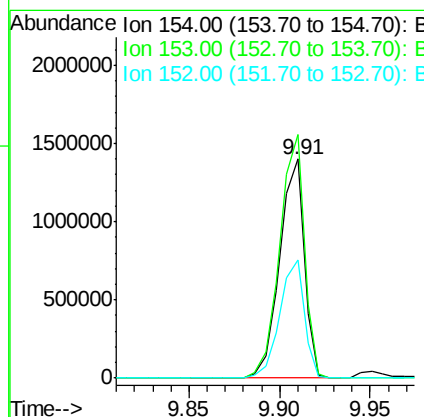
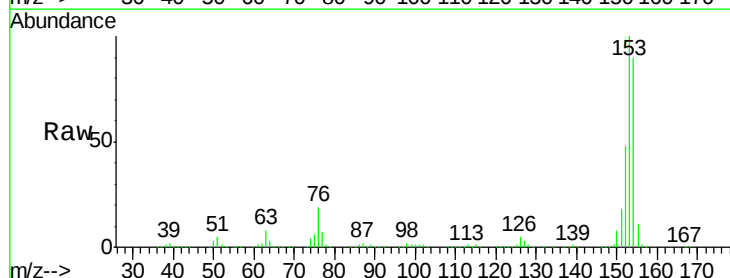
RT: 9.91 min Scan# 1330

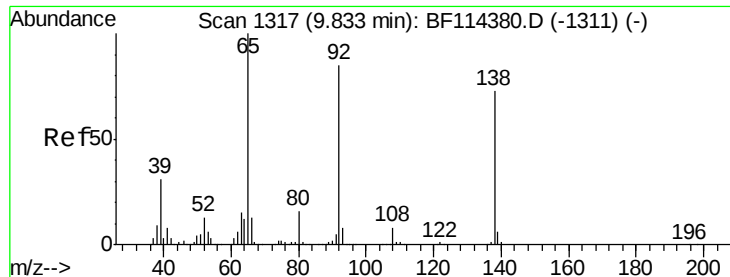
Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	154	Resp:	1327633
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.5	135.7
152	54.0	43.4	65.2





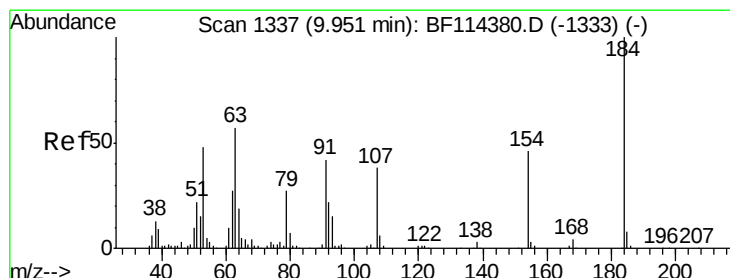
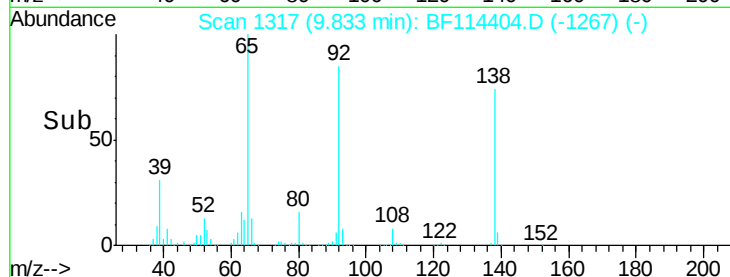
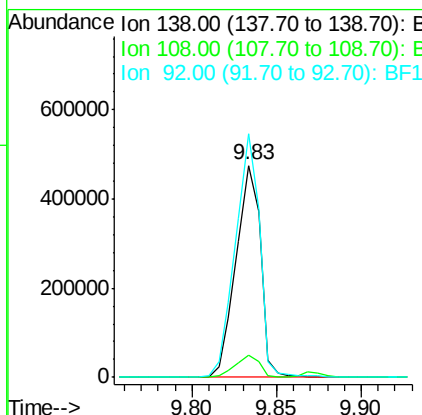
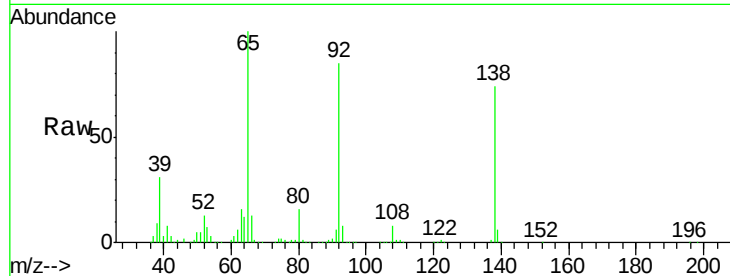
#53
3-Nitroaniline
Concen: 41.174 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	484567		
108	10.4	7.8	11.6	
92	115.0	91.2	136.8	

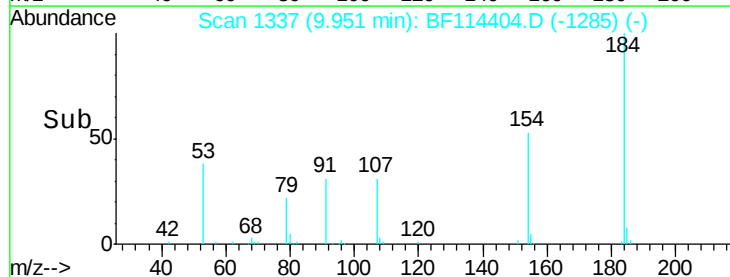
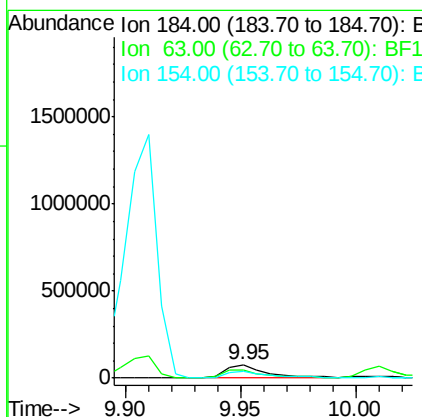
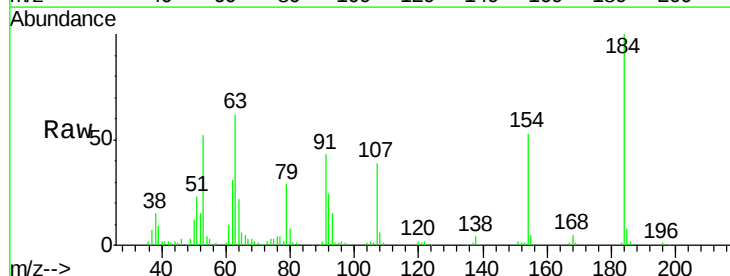
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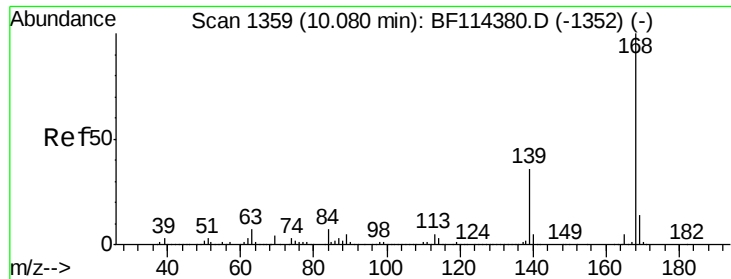
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#54
2,4-Dinitrophenol
Concen: 25.031 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	95198		
63	62.2	55.6	83.4	
154	53.5	46.0	69.0	





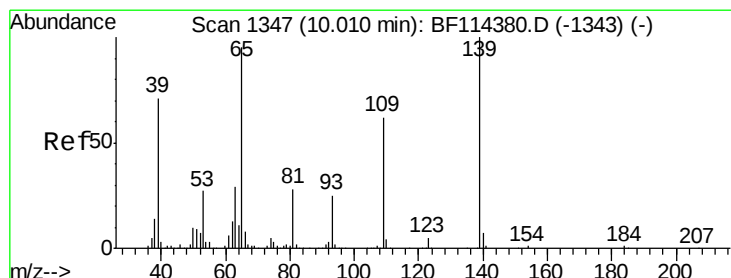
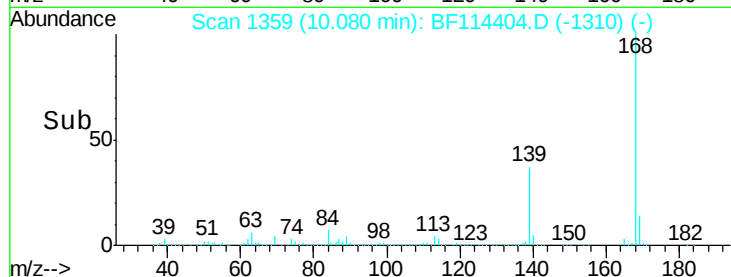
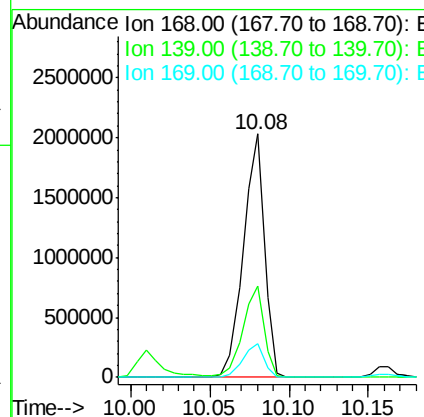
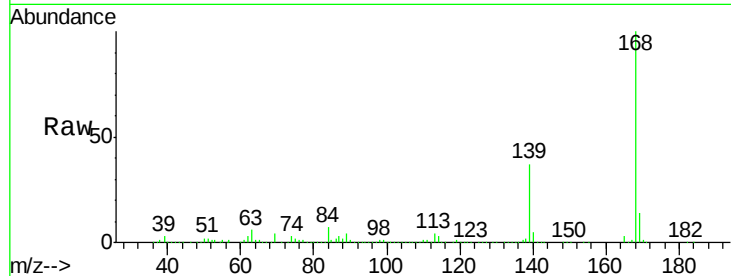
#55
Dibenzenofuran
Concen: 36.080 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	14.1	11.4	17.0

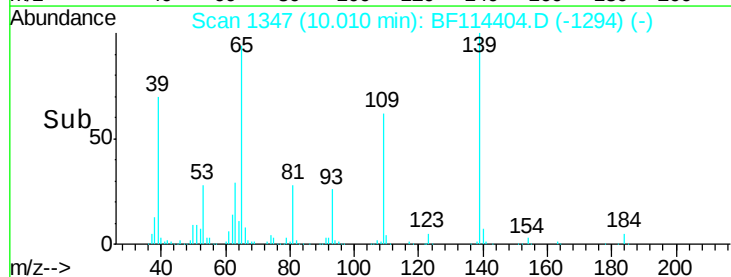
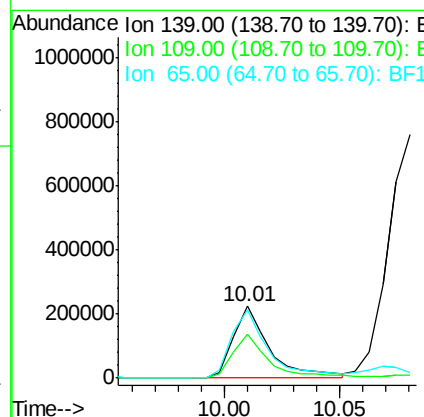
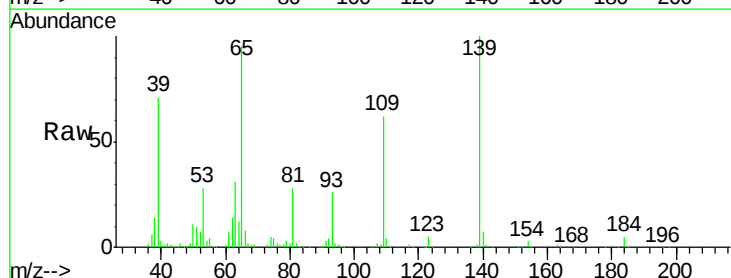
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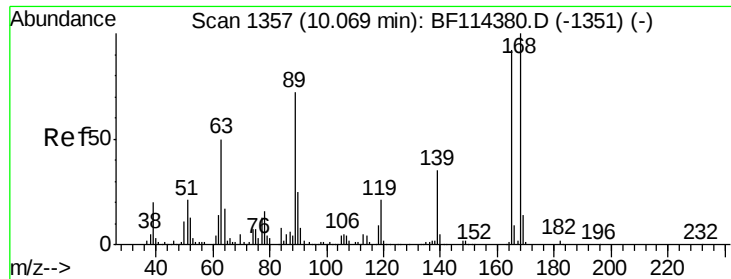
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#56
4-Nitrophenol
Concen: 29.398 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.7	43.9	83.9
65	94.7	85.7	125.7





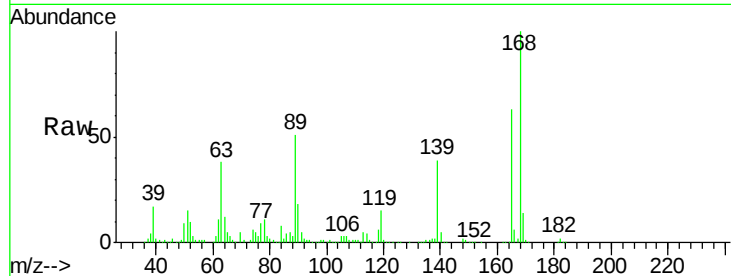
#57
2,4-Dinitrotoluene
Concen: 36.233 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	466249		
63	60.1	35.5	53.3#	
89	80.4	55.2	82.8	
182	2.5	2.2	3.2	

Manual Integrations
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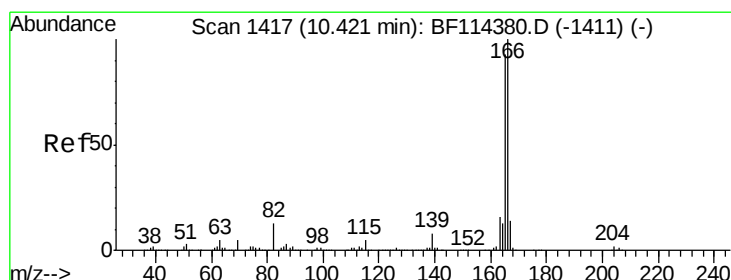
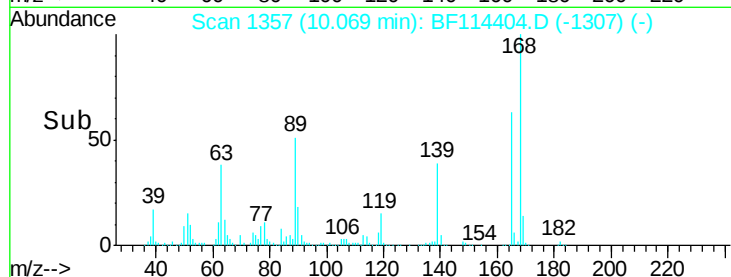
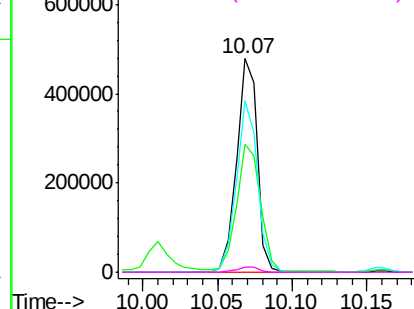


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



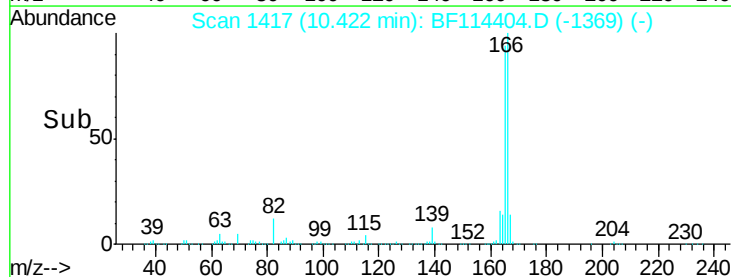
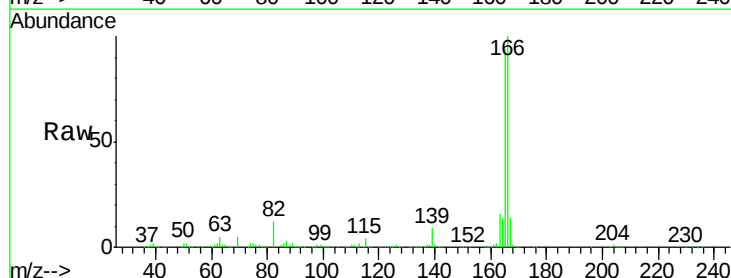
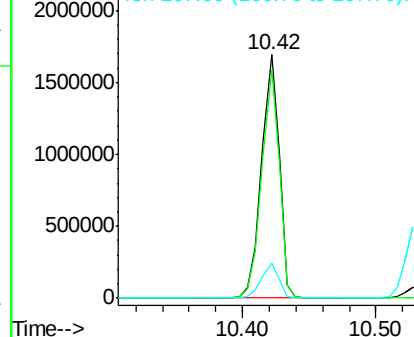
#58
Fluorene
Concen: 38.032 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

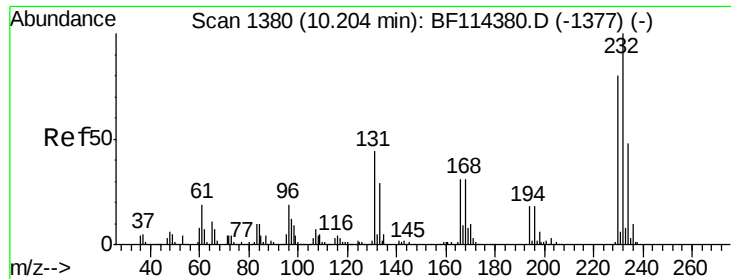
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1521992		
165	93.6	76.1	114.1	
167	14.2	11.1	16.7	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





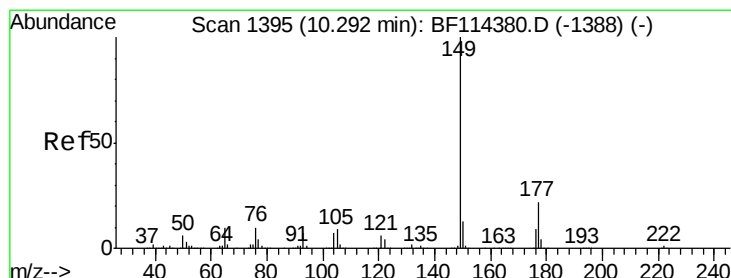
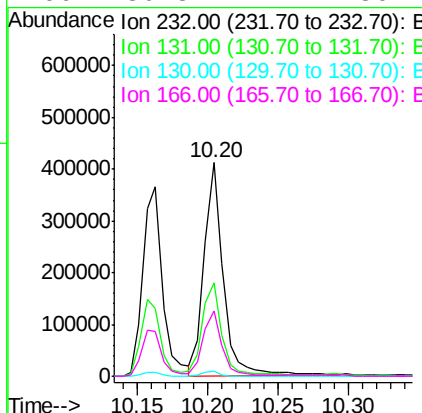
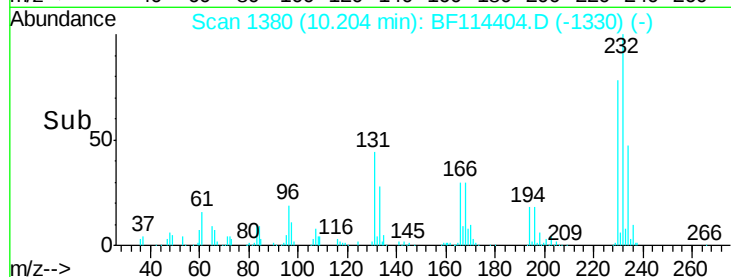
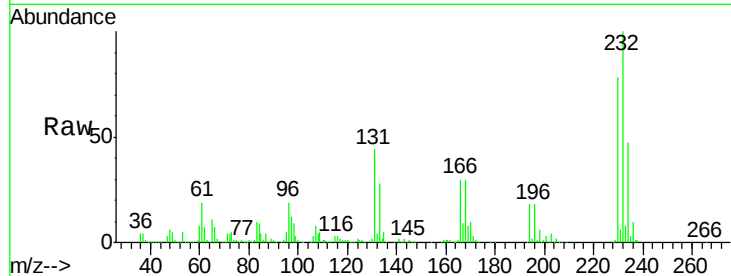
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.042 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	386930		
131	46.7	35.6	53.4	
130	2.2	1.6	2.4	
166	30.3	24.1	36.1	

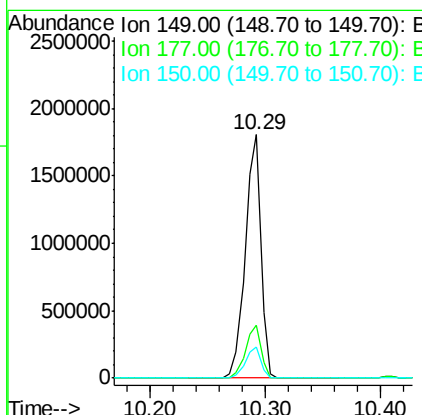
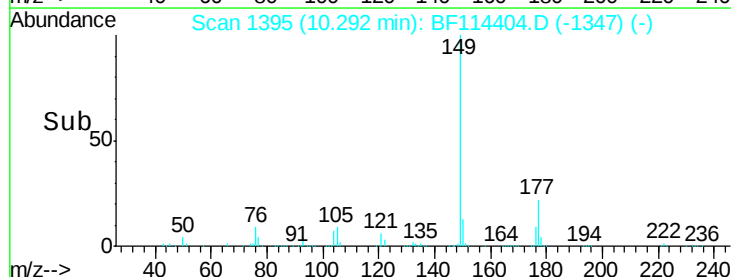
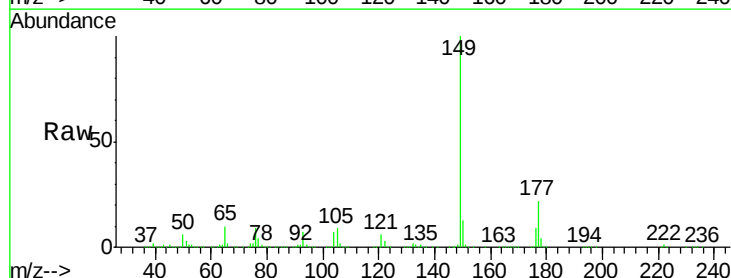
Manual Integrations
APPROVED

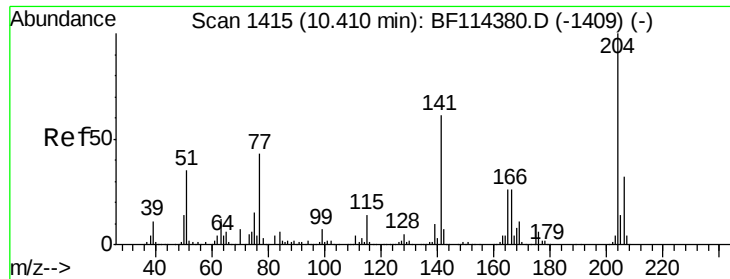
Sohil
5/21/2019 7:18:20 PM



#60
Diethylphthalate
Concen: 38.932 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1690847		
177	21.8	17.8	26.6	
150	13.0	10.2	15.2	





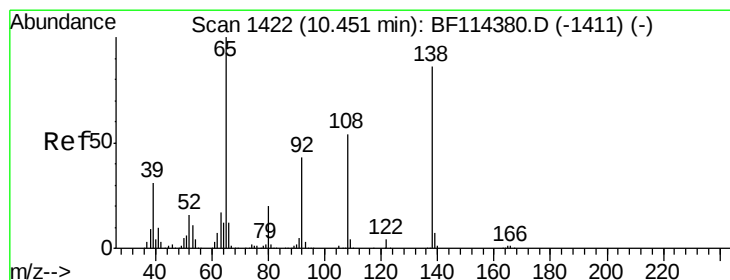
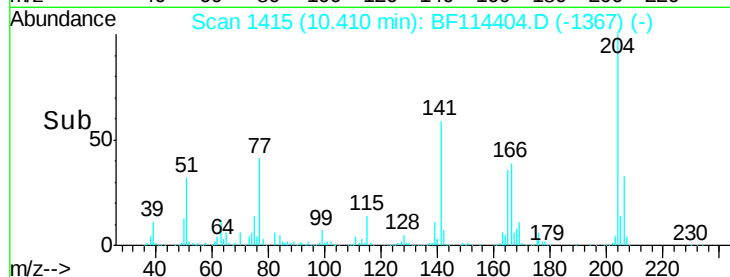
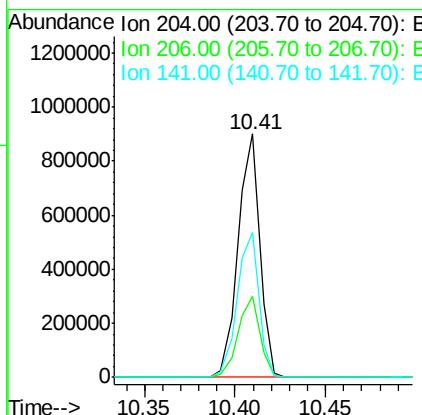
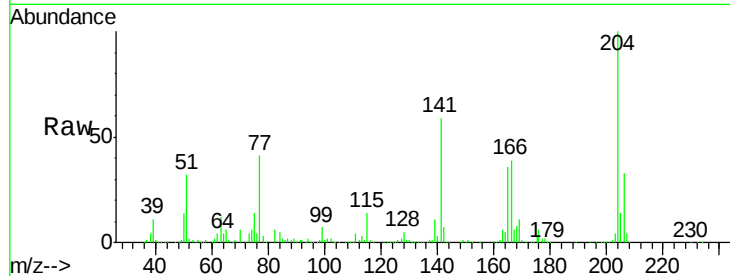
#61
 4-Chlorophenyl-phenylether
 Concen: 38.279 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	39.8
141	59.4	46.4	69.6

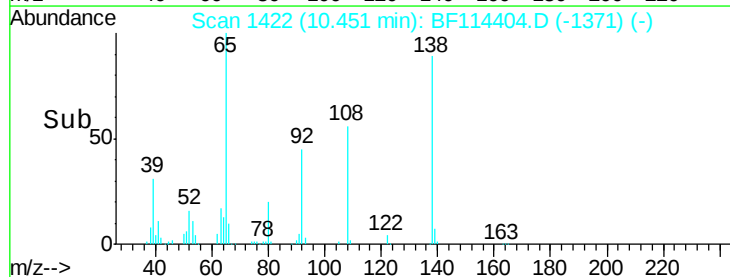
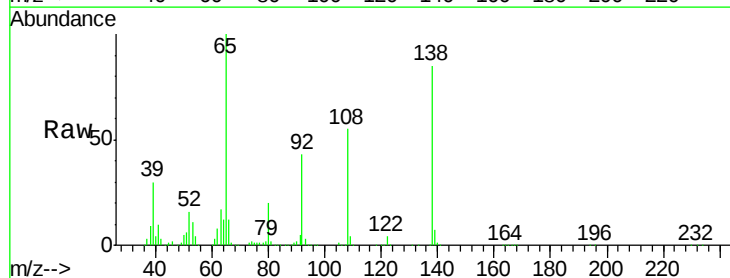
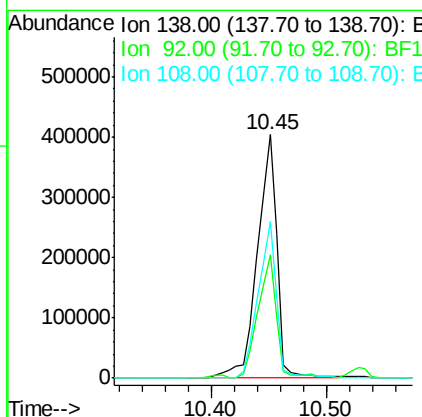
Manual Integrations
 APPROVED

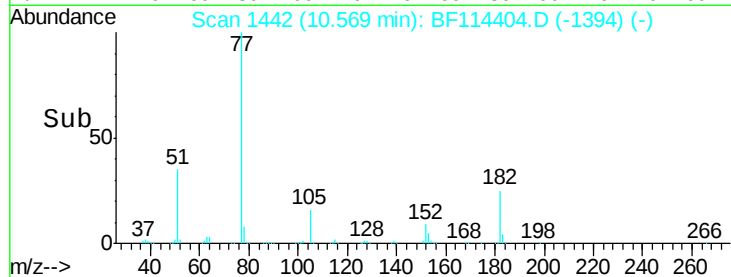
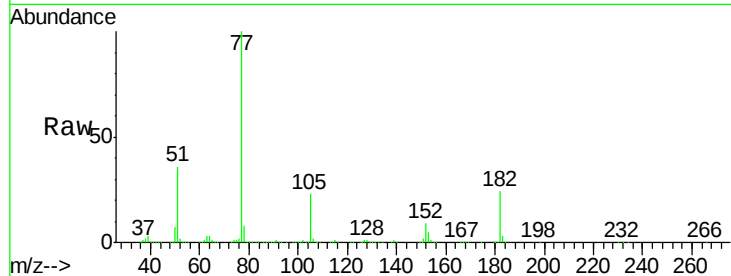
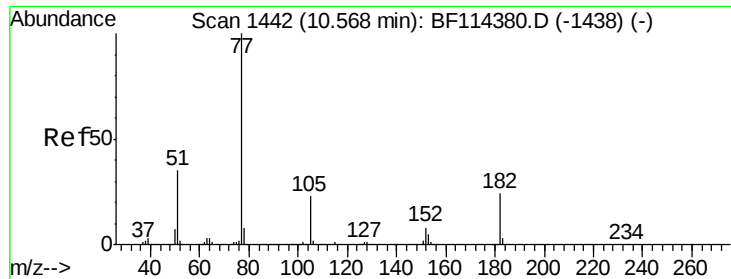
Sohil
 5/21/2019 7:18:20 PM



#62
 4-Nitroaniline
 Concen: 39.028 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	33.0	73.0
108	64.2	44.9	84.9





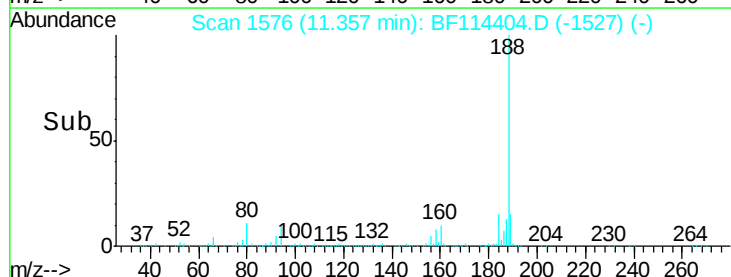
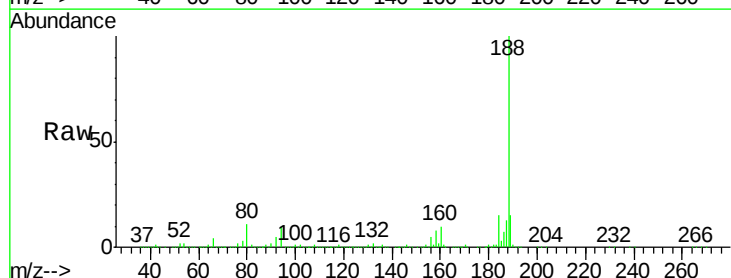
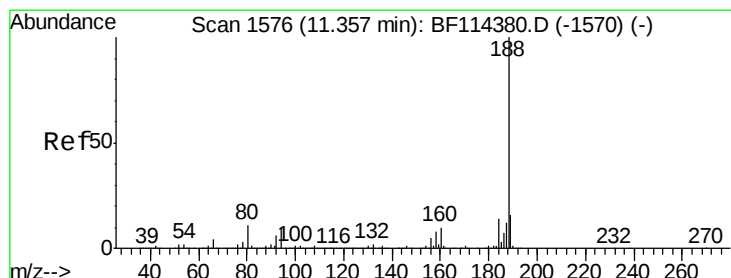
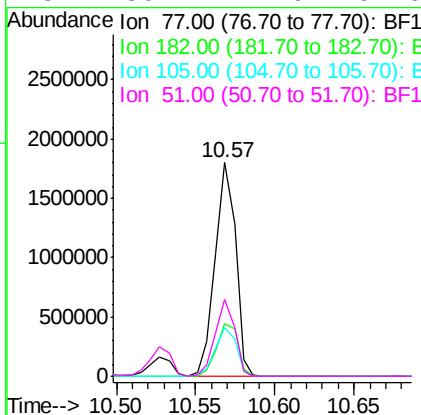
#63
Azobenzene
Concen: 38.593 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	4.7	44.7	
105	23.0	2.9	42.9	
51	36.1	14.6	54.6	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

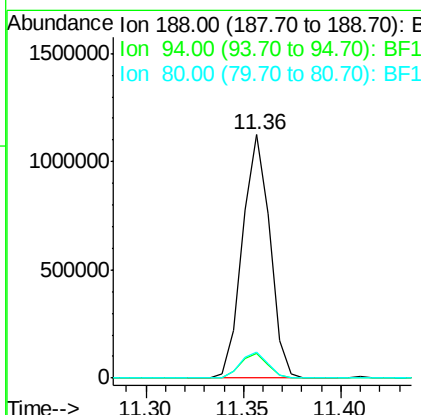
Manual Integrations
APPROVED

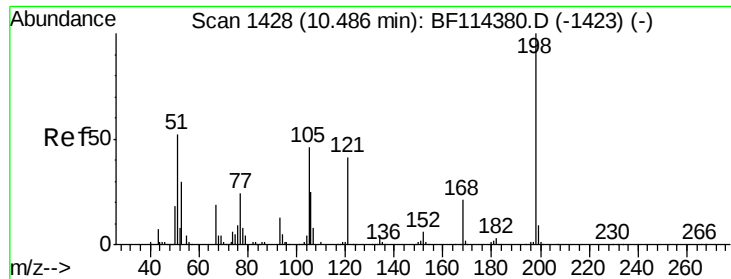
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.4	12.6	
80	10.6	9.2	13.8	





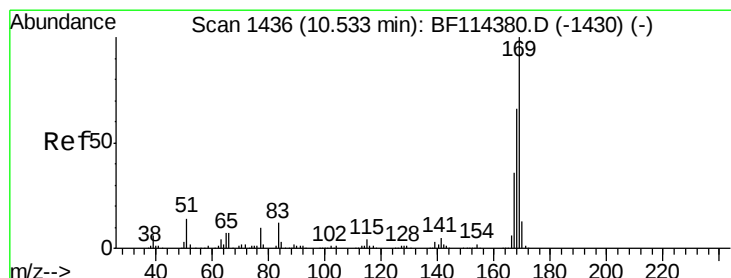
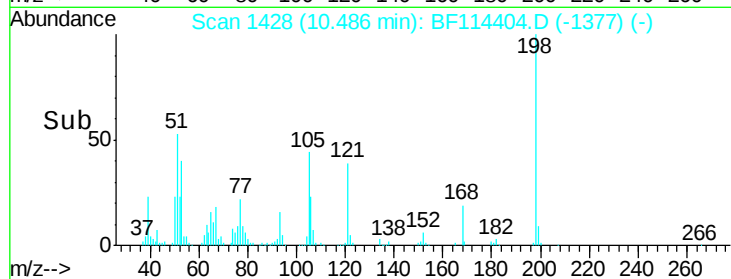
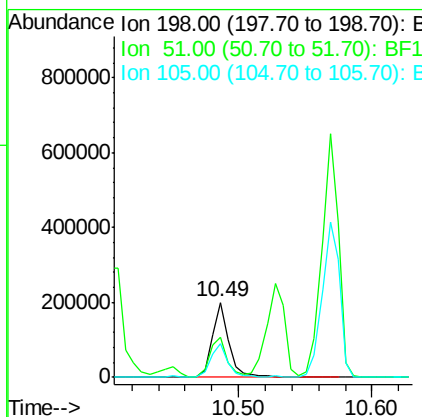
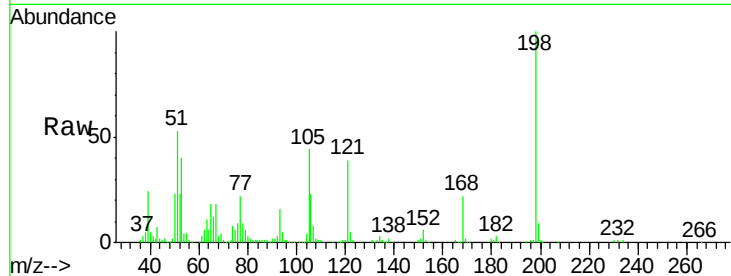
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.535 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176939		
51	52.8	28.0	68.0	
105	44.4	21.1	61.1	

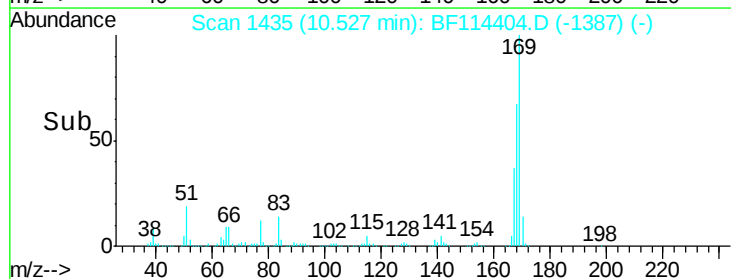
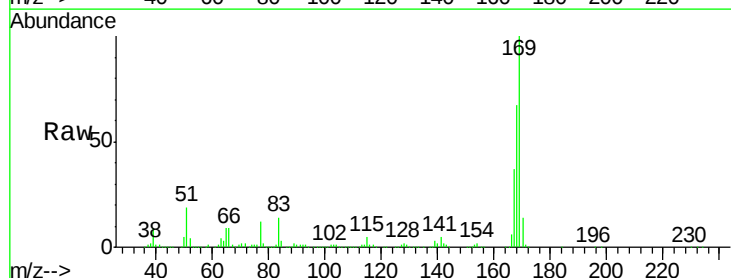
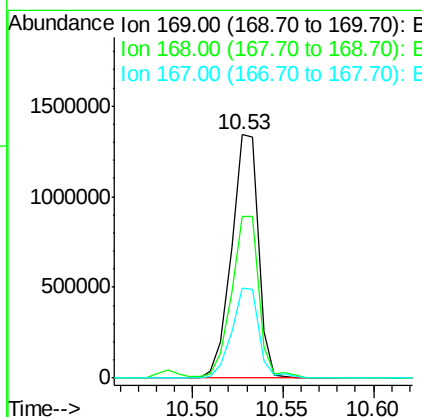
Manual Integrations
 APPROVED

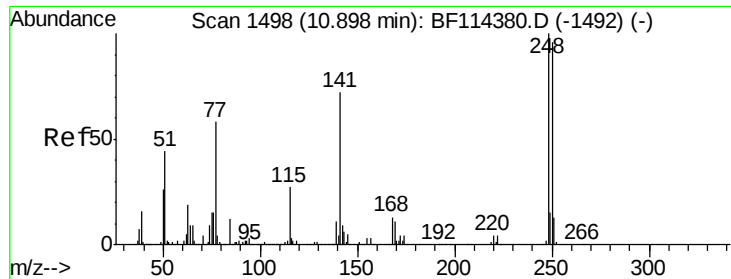
Sohil
 5/21/2019 7:18:20 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.356 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1378203		
168	66.6	54.2	81.2	
167	37.0	29.8	44.8	





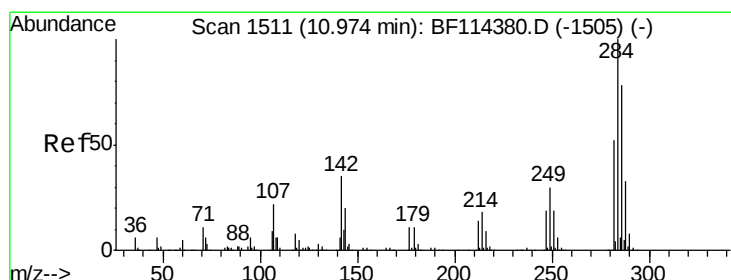
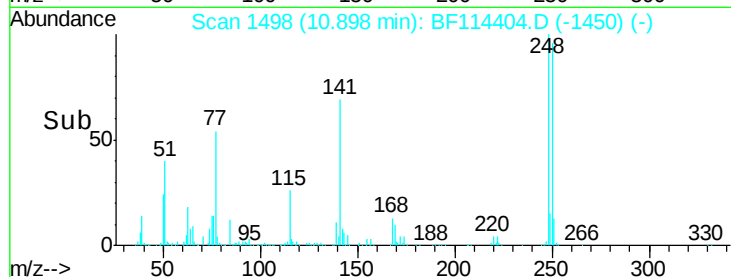
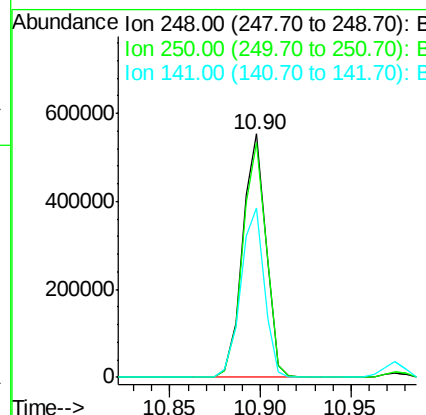
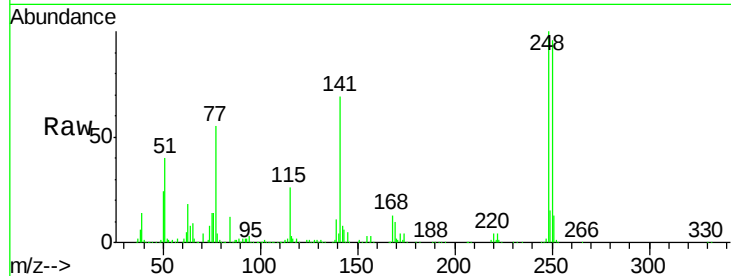
#67
4-Bromophenyl-phenylether
Concen: 40.898 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.2
141	69.4	55.6	83.4

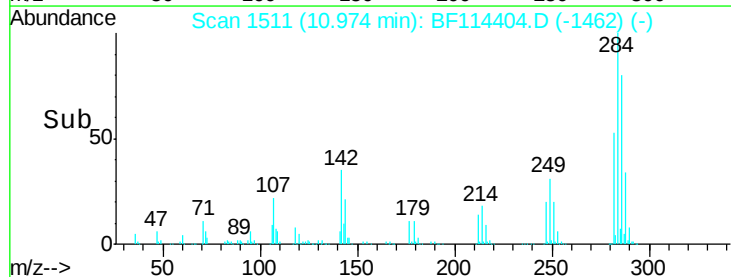
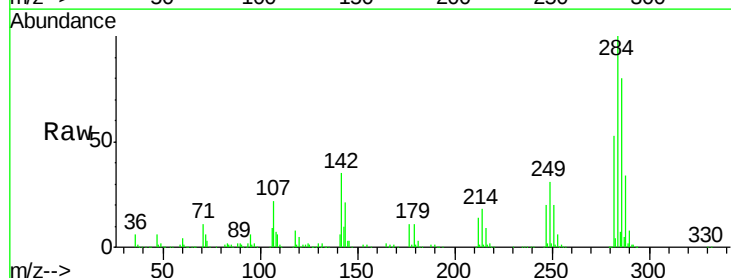
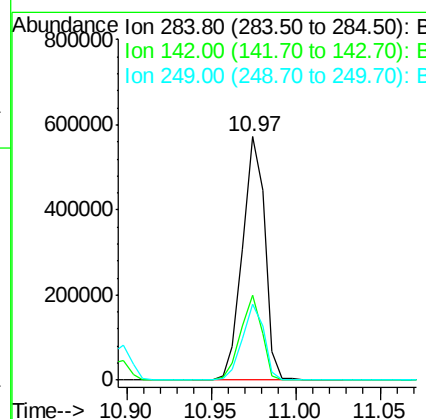
Manual Integrations
APPROVED

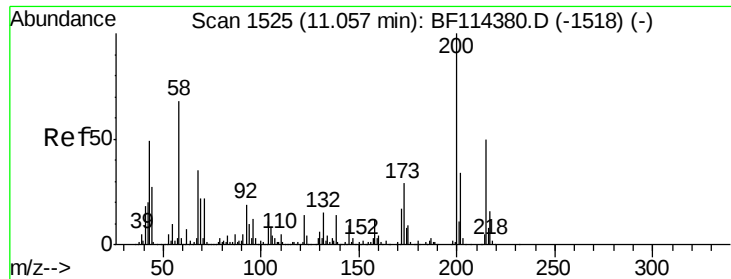
Sohil
5/21/2019 7:18:20 PM



#68
Hexachlorobenzene
Concen: 39.447 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.4	42.6
249	31.3	25.2	37.8





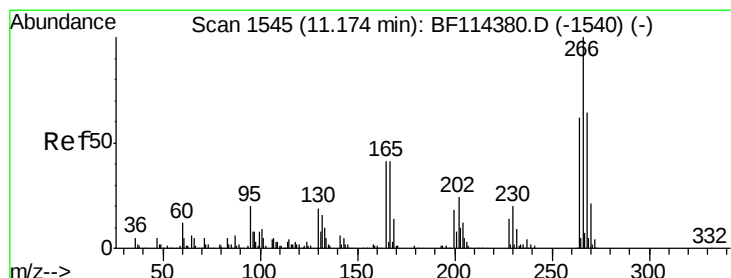
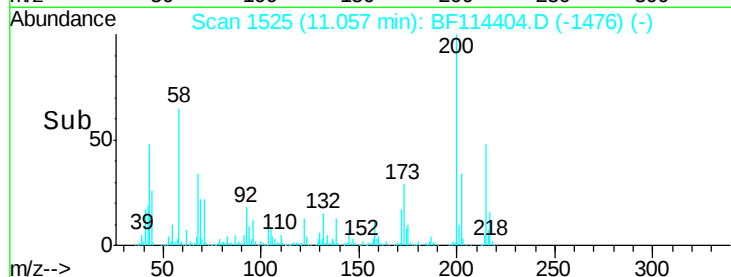
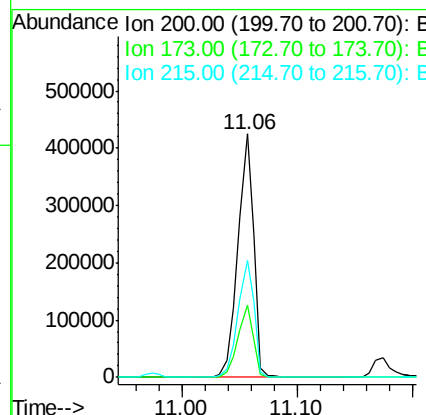
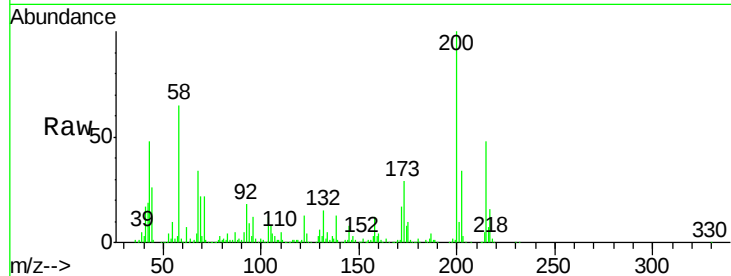
#69
 Atrazine
 Concen: 38.770 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	402077		
173	29.4	8.9	48.9	
215	48.3	30.7	70.7	

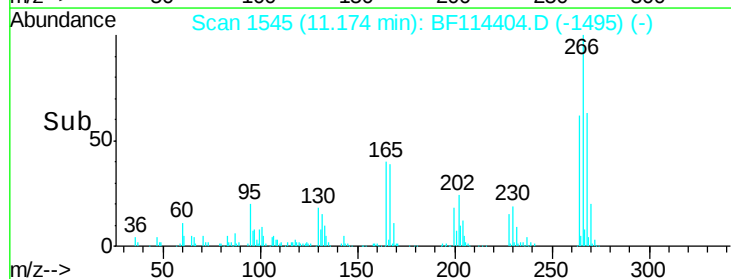
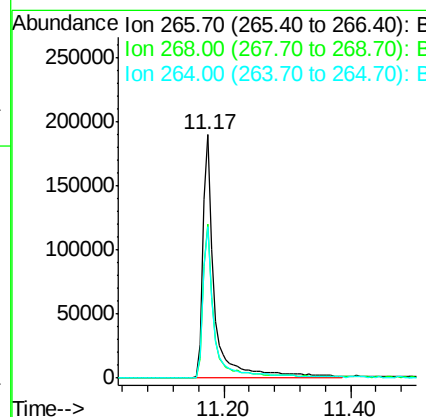
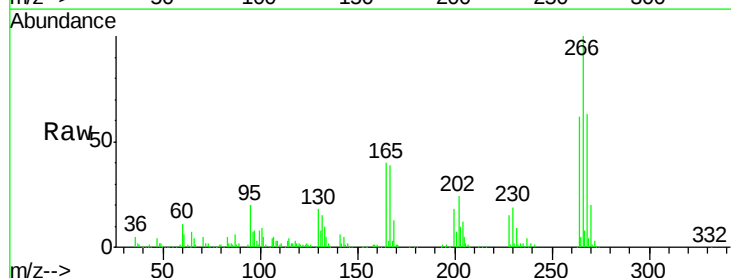
Manual Integrations
 APPROVED

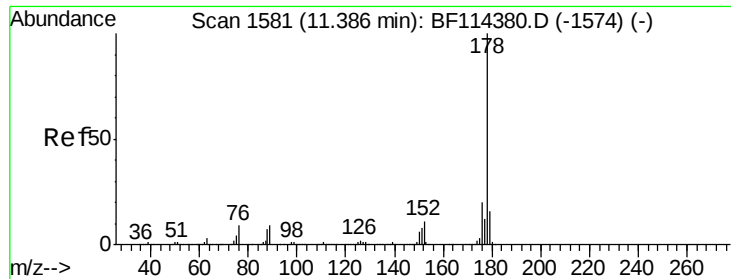
Sohil
 5/21/2019 7:18:20 PM



#70
 Pentachlorophenol
 Concen: 38.455 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF114404.D
 Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	243810		
268	63.2	51.1	76.7	
264	62.3	51.1	76.7	





#71

Phenanthrene

Concen: 39.584 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 2114583

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

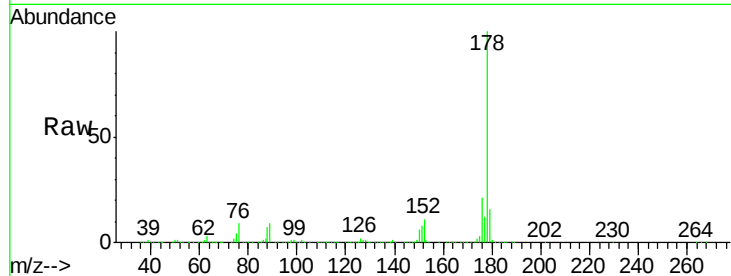
179 16.4 13.2 19.8

Manual Integrations

APPROVED

Sohil

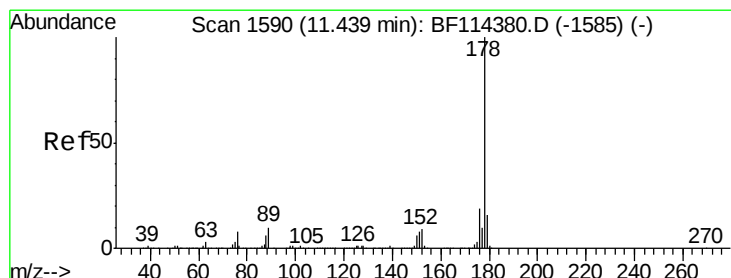
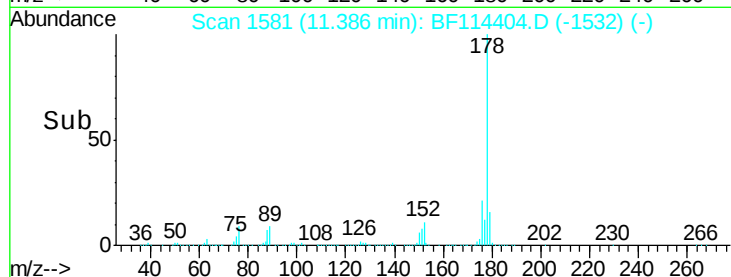
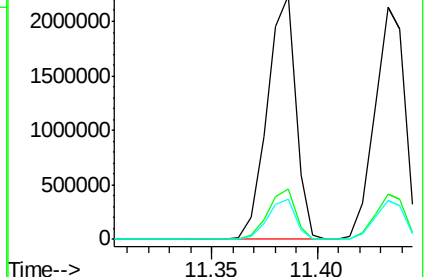
5/21/2019 7:18:20 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.595 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

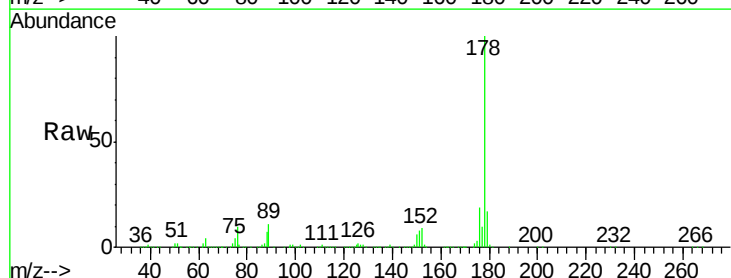
Tgt Ion:178 Resp: 2124546

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

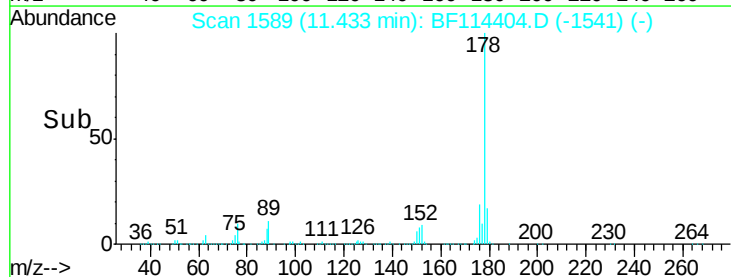
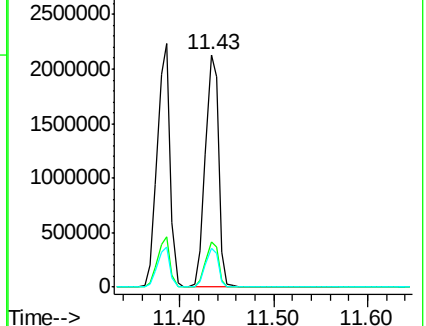
179 16.6 13.0 19.4

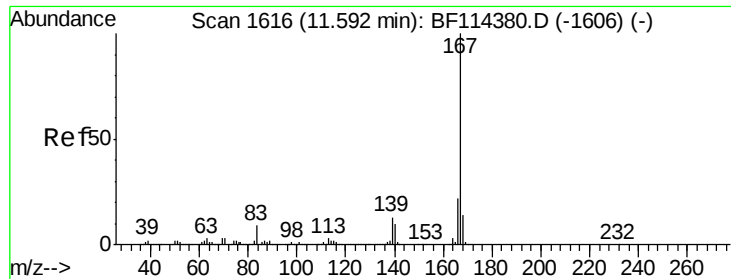


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.066 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1998865

Ion Ratio Lower Upper

167 100

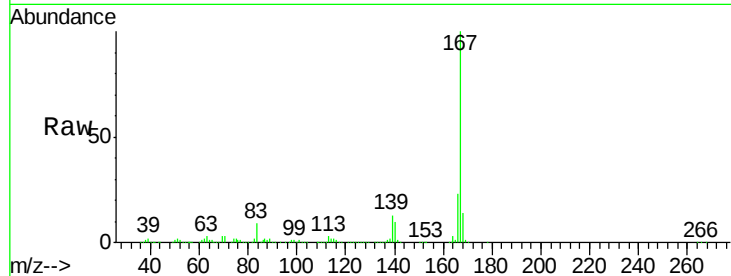
166 22.6 18.2 27.2

139 13.3 10.6 16.0

Manual Integrations
APPROVED

Sohil

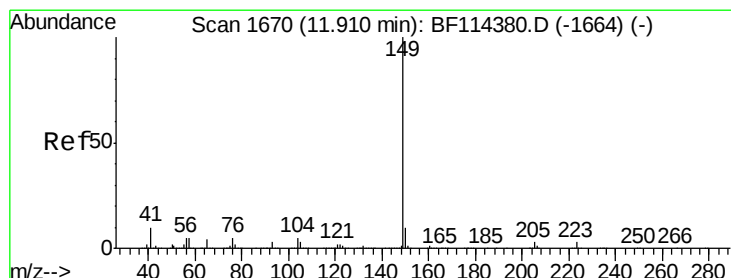
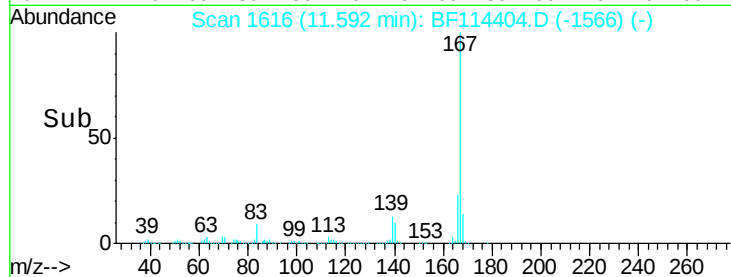
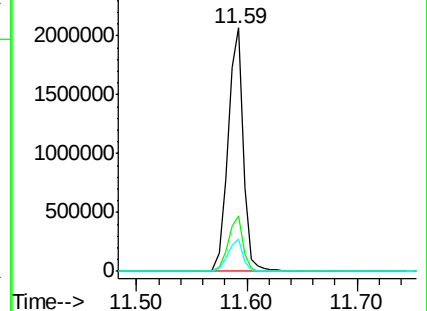
5/21/2019 7:18:20 PM



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: 43.949 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

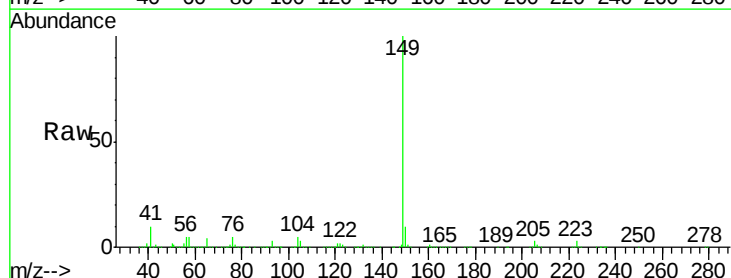
Tgt Ion:149 Resp: 2590700

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

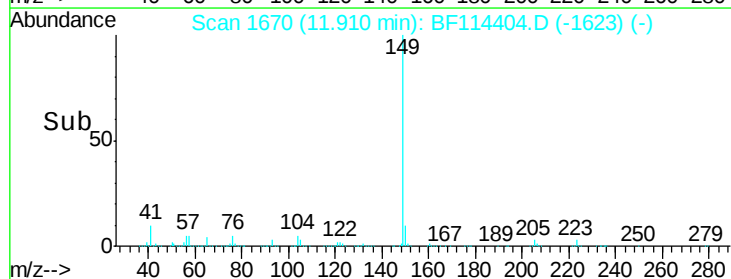
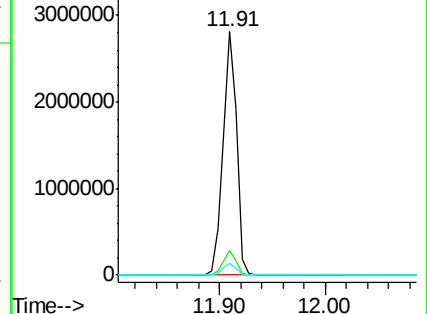
104 5.1 3.6 5.4

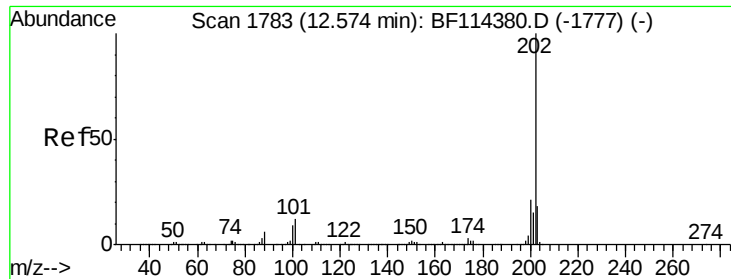


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.258 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

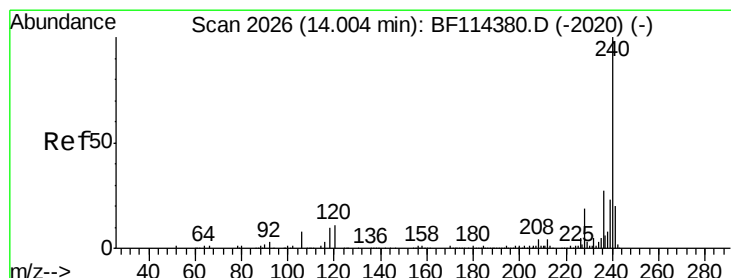
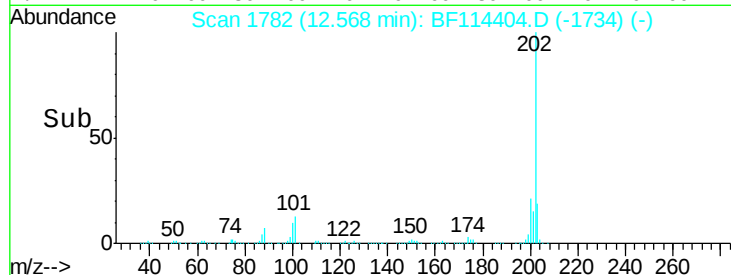
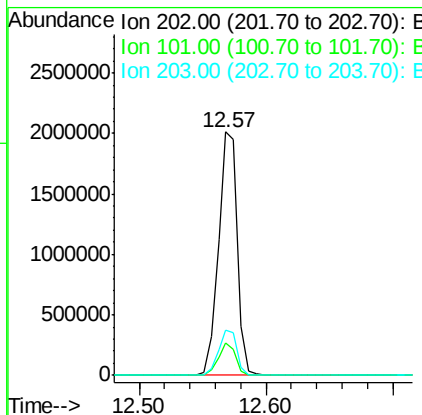
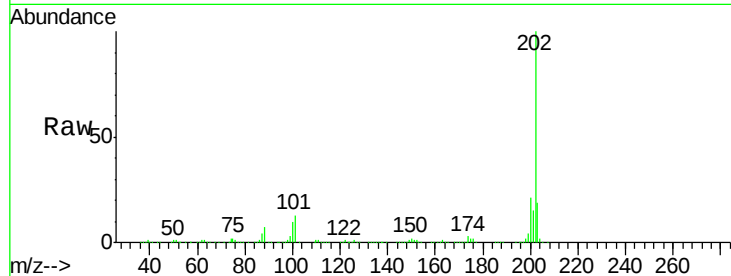
ClientSampled :

SSTDCCC040

Tgt Ion:	202	Resp:	2085833
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.0
203	18.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

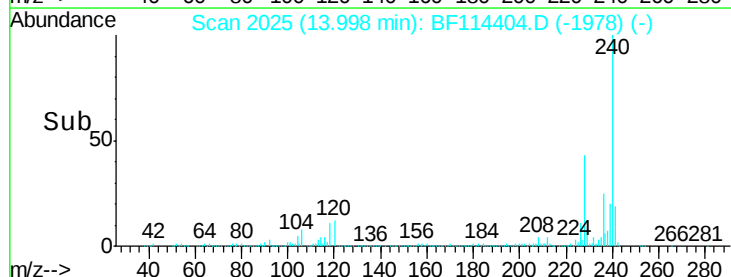
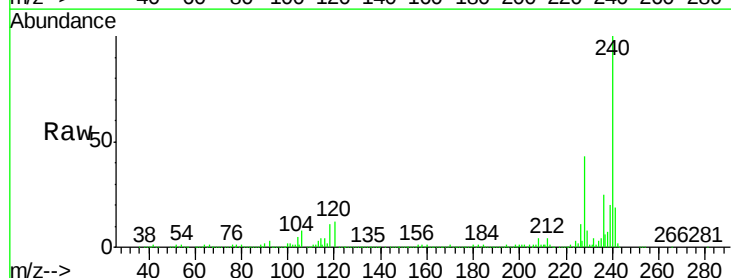
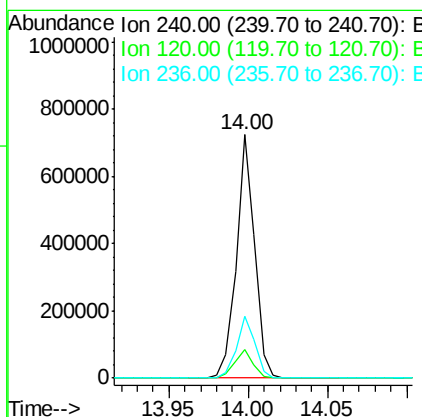
RT: 14.00 min Scan# 2025

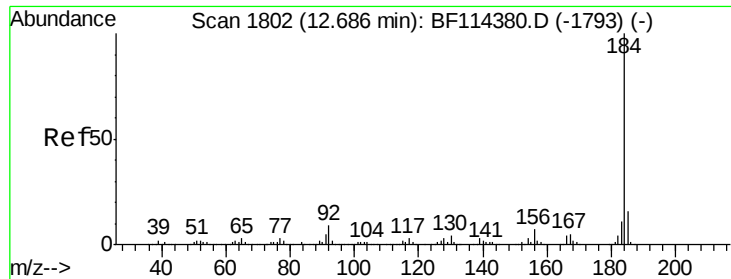
Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	240	Resp:	576948
Ion Ratio	Lower	Upper	
240	100		
120	11.9	8.3	12.5
236	25.3	20.8	31.2





#77

Benzidine

Concen: 31.427 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

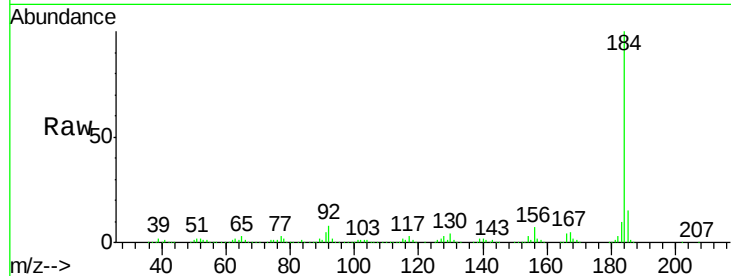
ClientSampled :

SSTDCCC040

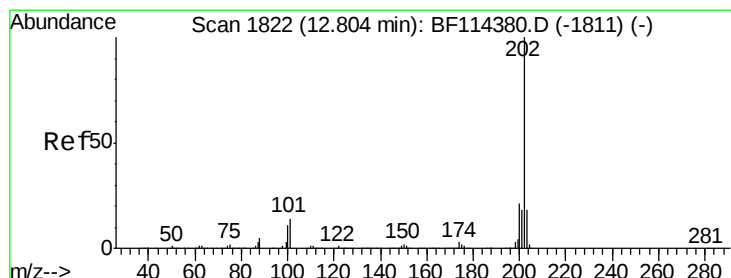
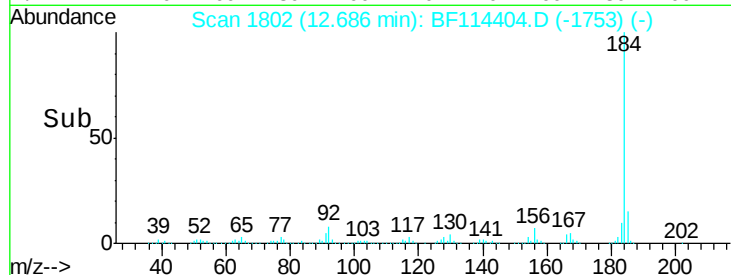
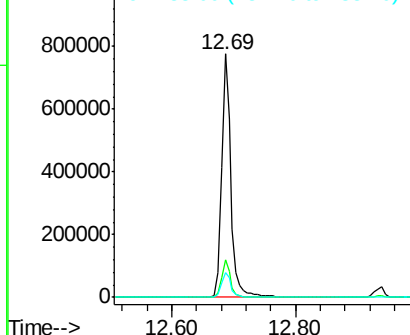
Tgt Ion:	184	Resp:	813917
Ion Ratio		Lower	Upper
184	100		
185	15.2	13.6	20.4
183	10.4	9.2	13.8

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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: 44.122 ng

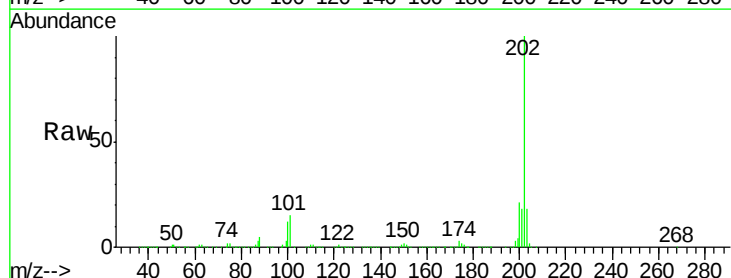
RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

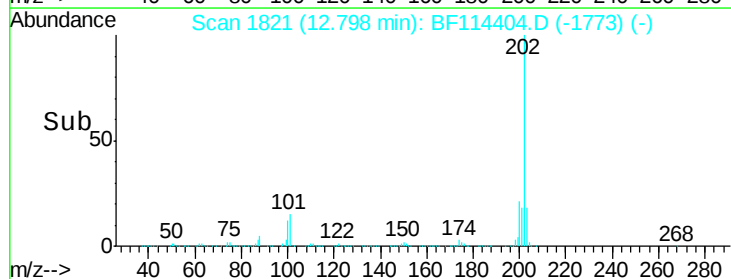
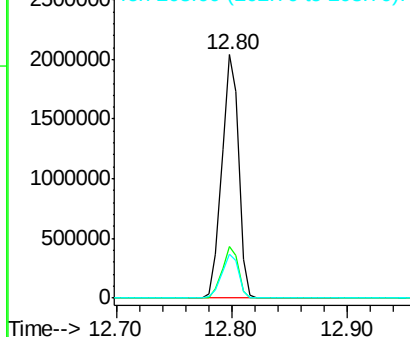
Lab File: BF114404.D

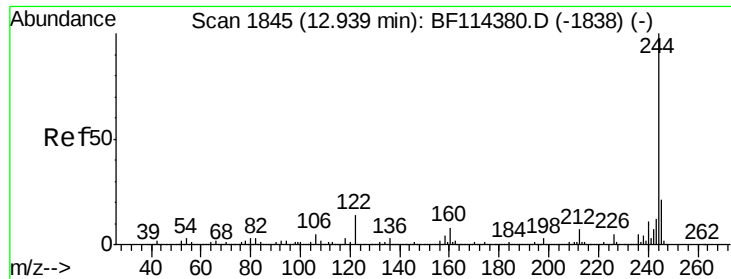
Acq: 18 May 2019 21:54

Tgt Ion:	202	Resp:	2047824
Ion Ratio		Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.3	14.5	21.7



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





#79

Terphenyl-d14

Concen: 91.162 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 2551408

Ion Ratio Lower Upper

244 100

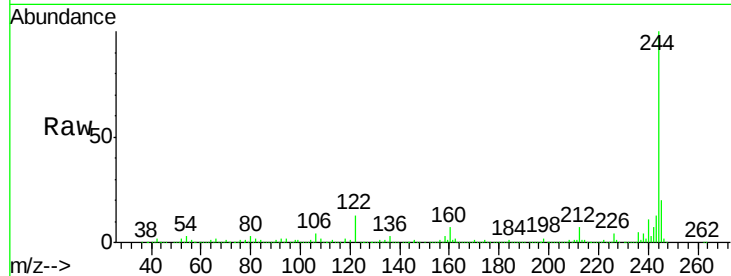
212 7.2 5.8 8.6

122 12.9 9.4 14.2

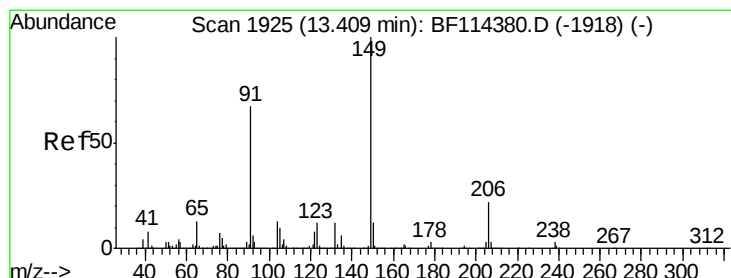
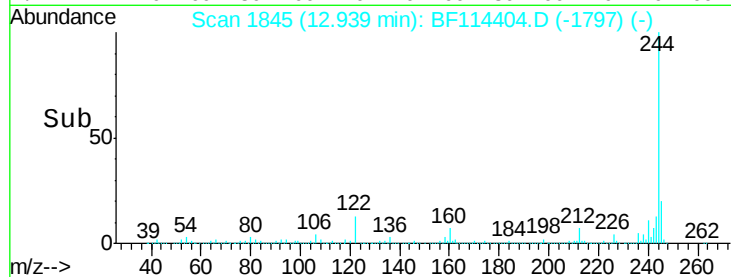
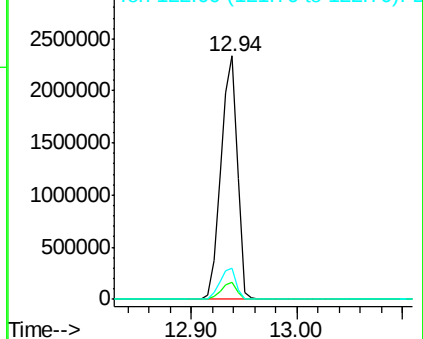
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.276 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

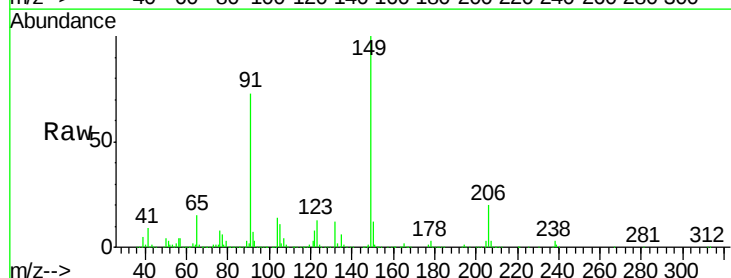
Tgt Ion:149 Resp: 1021236

Ion Ratio Lower Upper

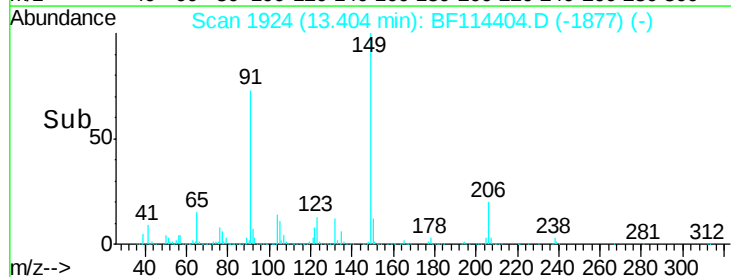
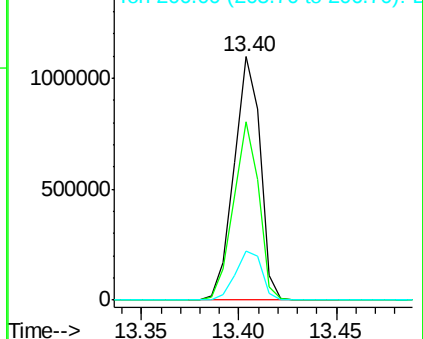
149 100

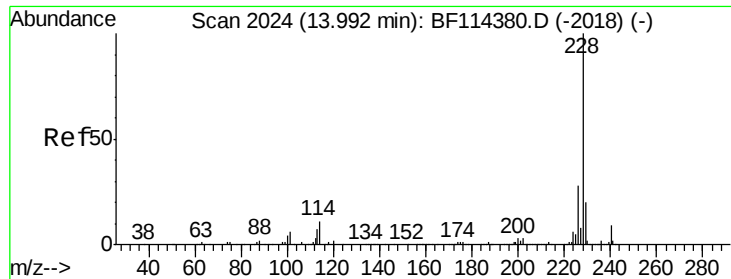
91 73.5 55.0 82.4

206 20.1 16.9 25.3



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: 41.772 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

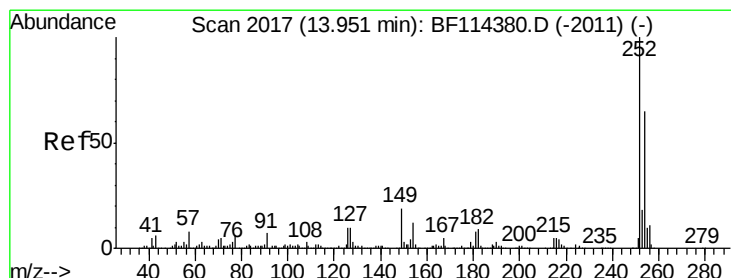
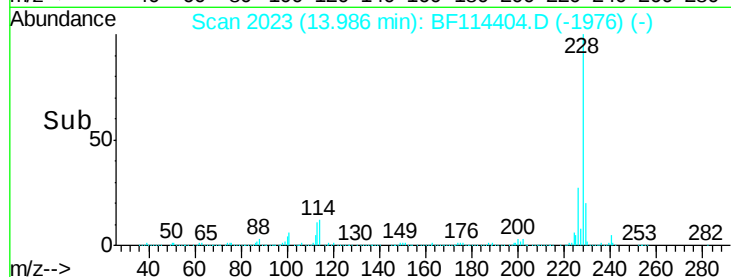
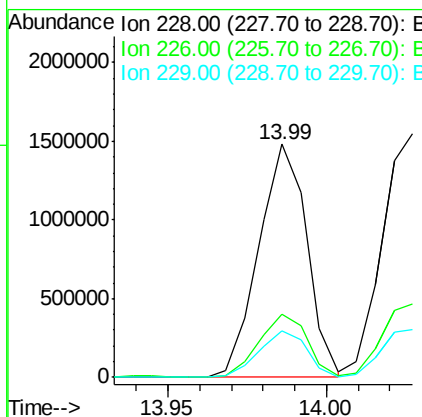
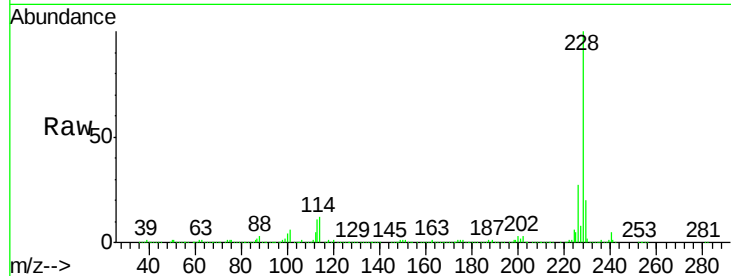
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1558796
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.2	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 42.679 ng

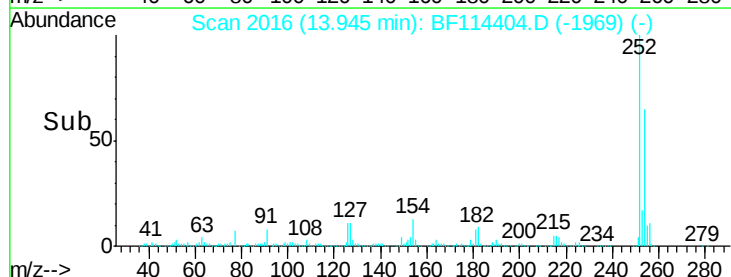
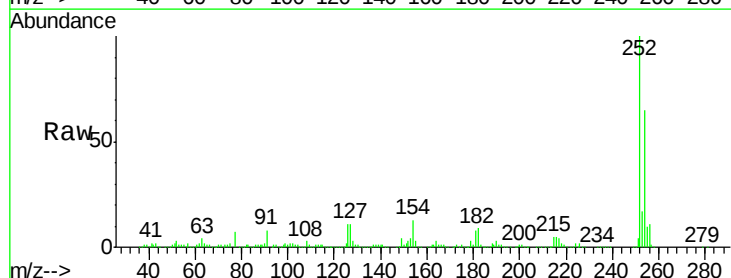
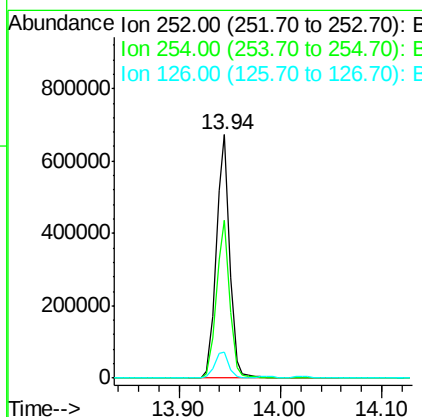
RT: 13.94 min Scan# 2016

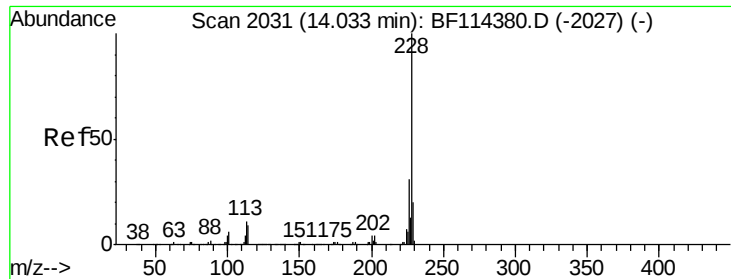
Delta R.T. -0.02 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	252	Resp:	617836
Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.9	7.9	11.9





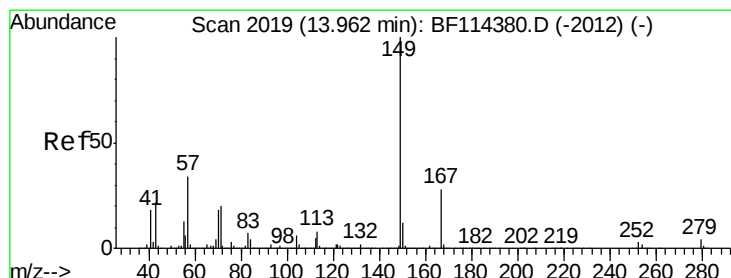
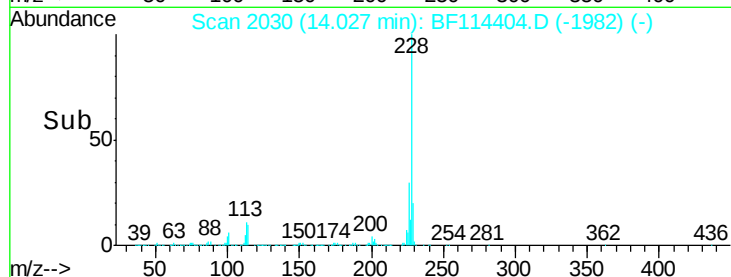
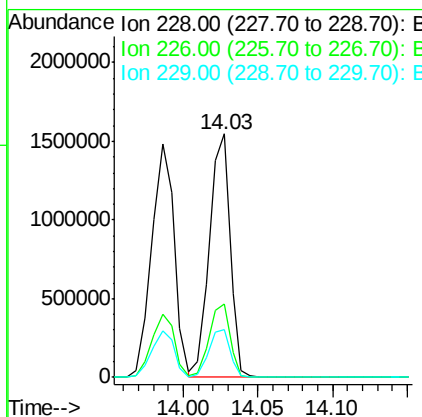
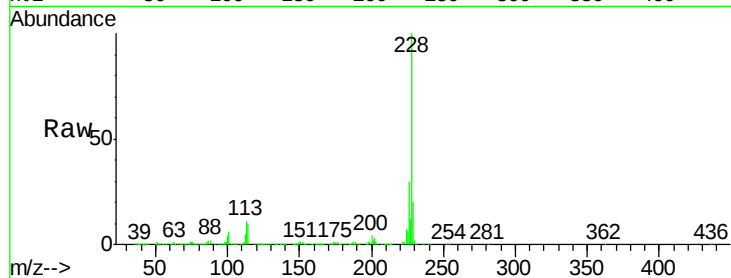
#83
Chrysene
Concen: 40.591 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.9	17.0	25.6

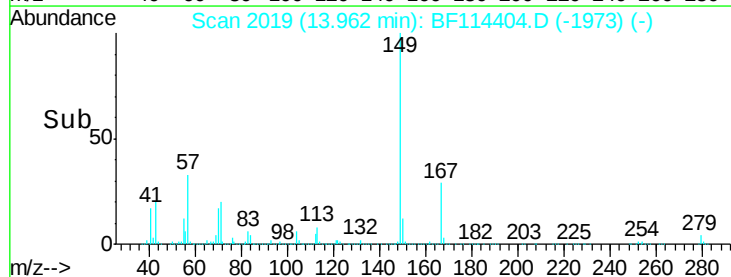
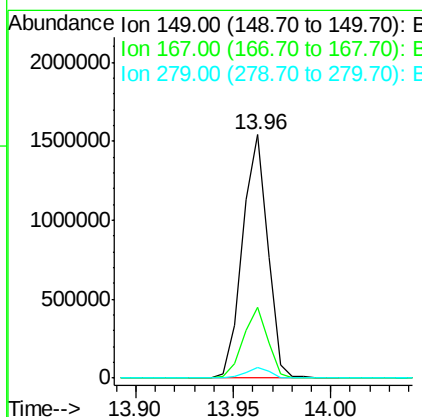
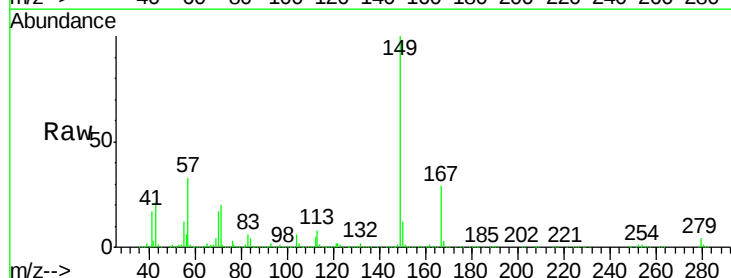
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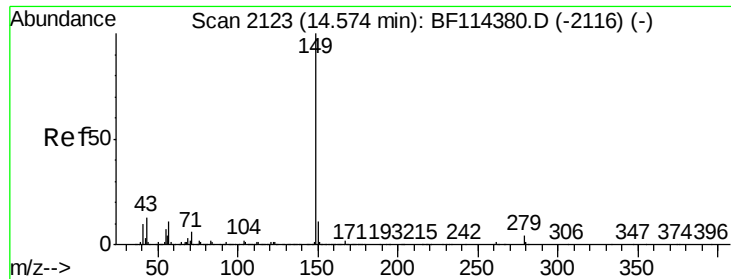
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.145 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.6	33.8
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 49.051 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

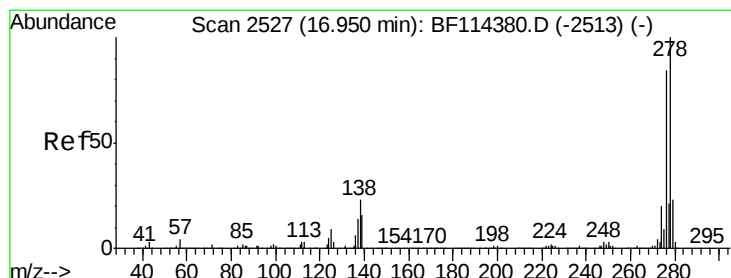
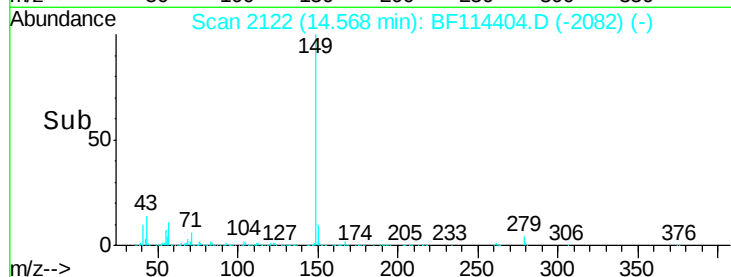
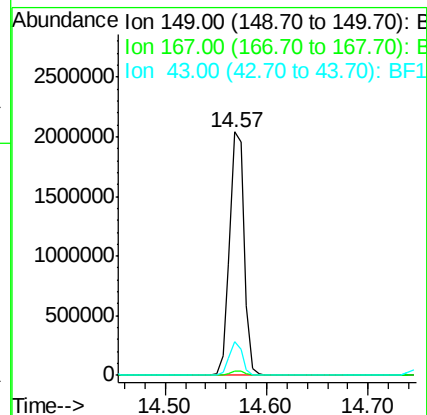
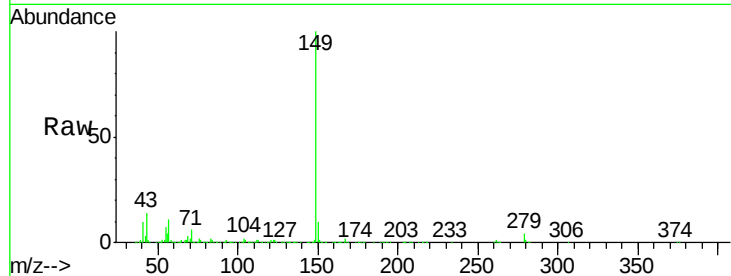
ClientSampled :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	10.1	15.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 53.856 ng

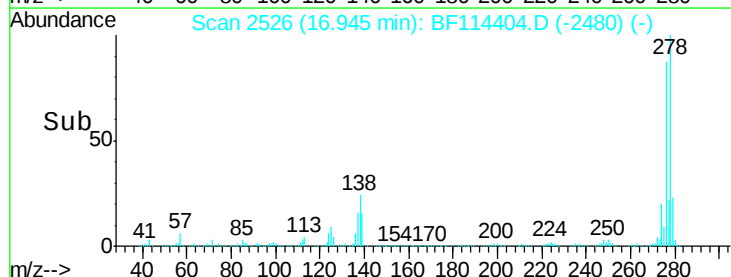
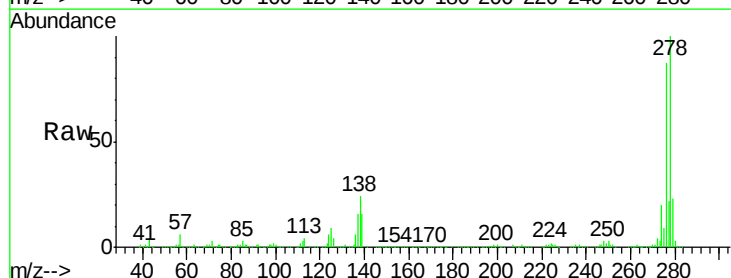
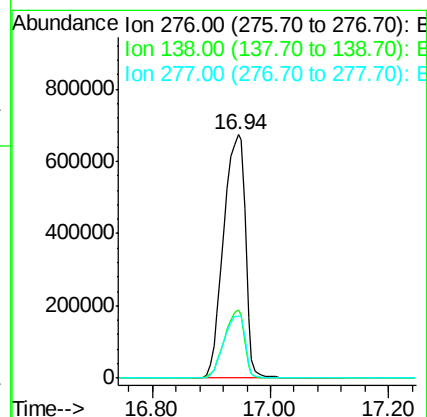
RT: 16.94 min Scan# 2526

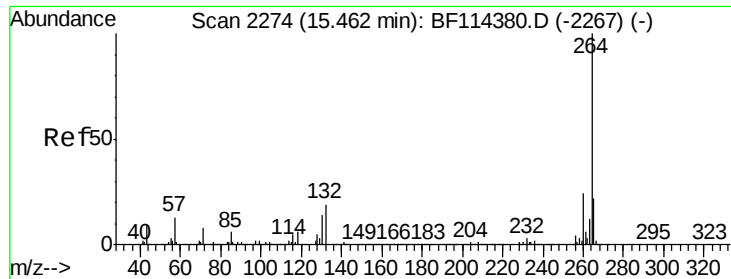
Delta R.T. -0.03 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.2
277	25.1	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

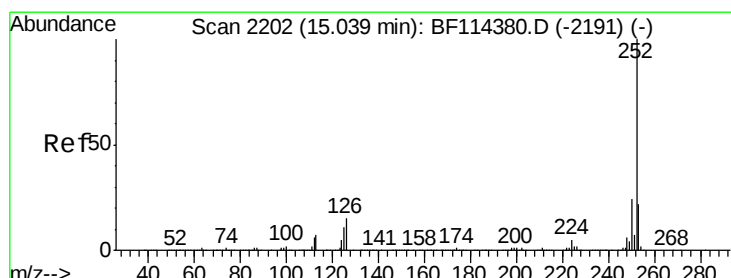
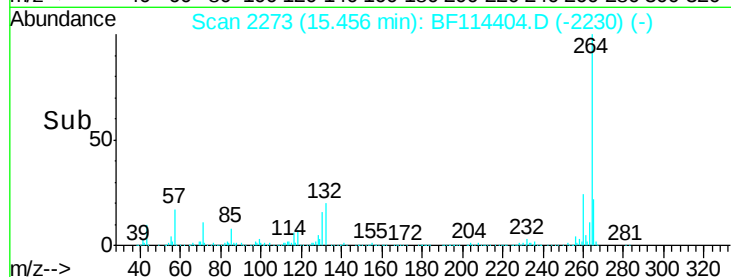
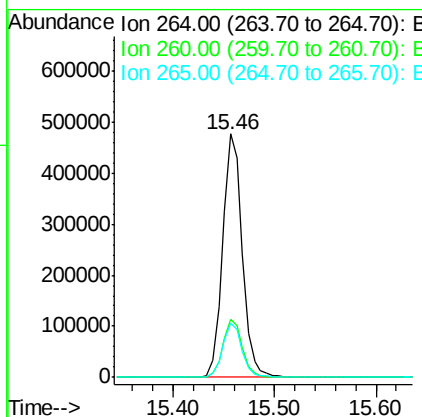
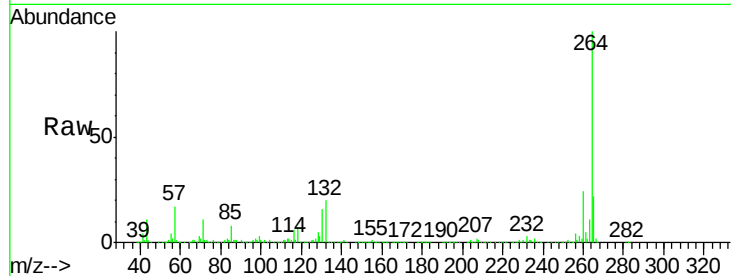
ClientSampleId :

SSTDCCC040

Tgt Ion:	264	Resp:	636400
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.0	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 39.849 ng

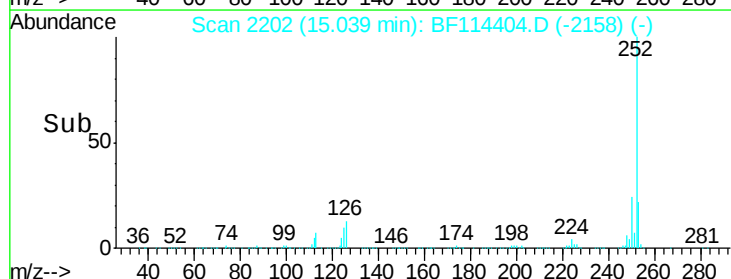
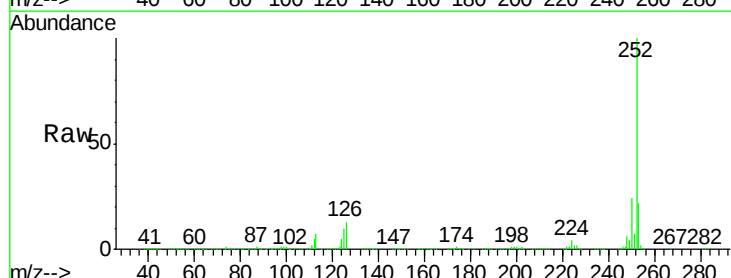
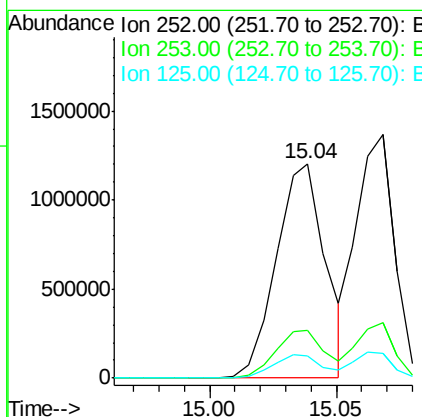
RT: 15.04 min Scan# 2202

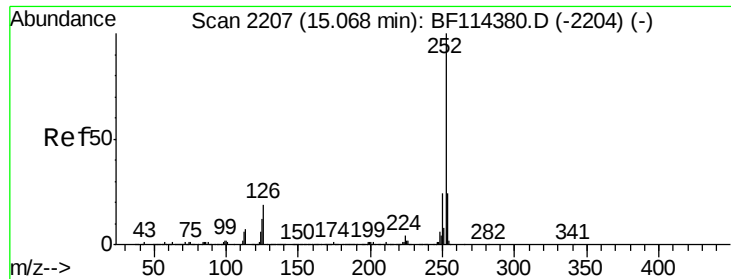
Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	252	Resp:	1624701
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.2	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 38.463 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Instrument :

BNA_F

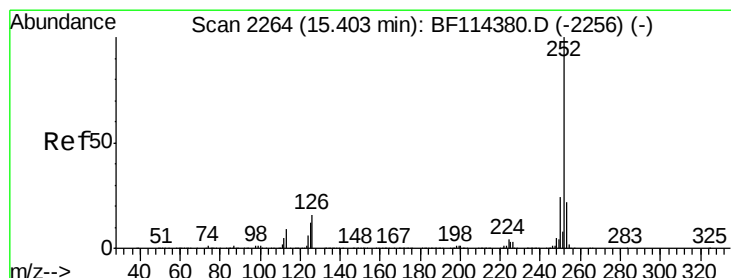
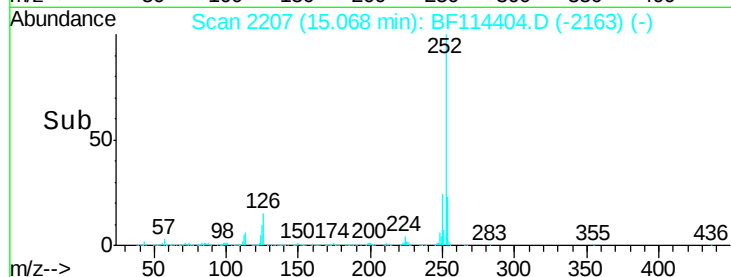
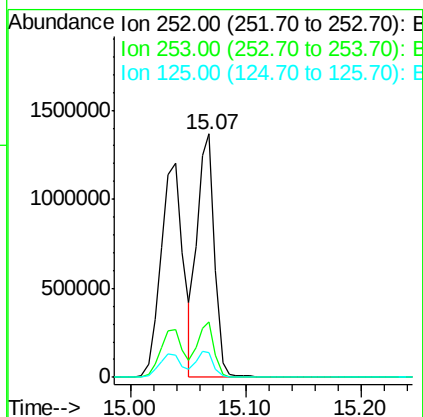
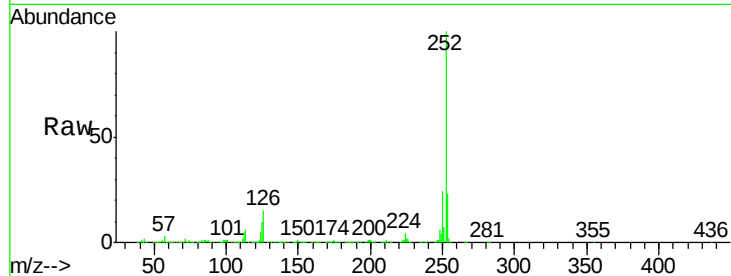
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	1440557
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	10.0	8.6	13.0

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#90

Benzo(a)pyrene

Concen: 41.850 ng

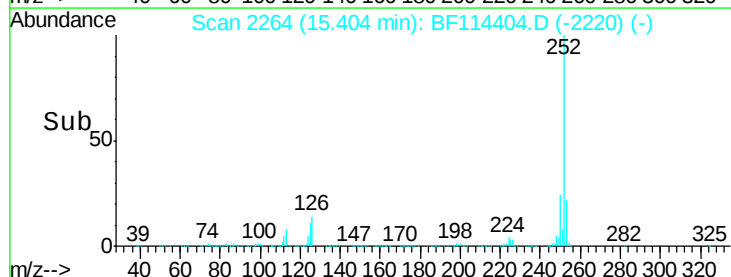
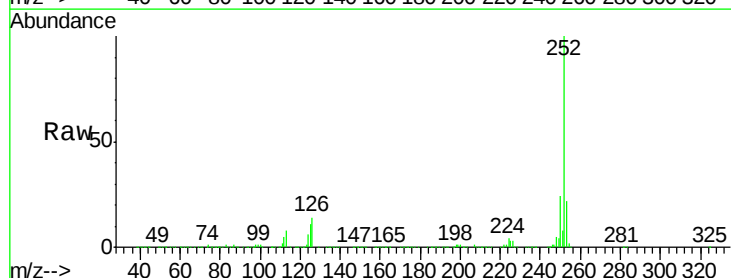
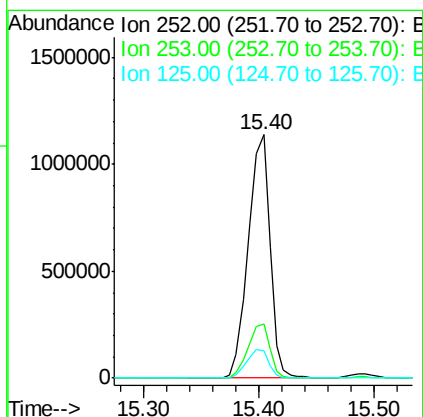
RT: 15.40 min Scan# 2264

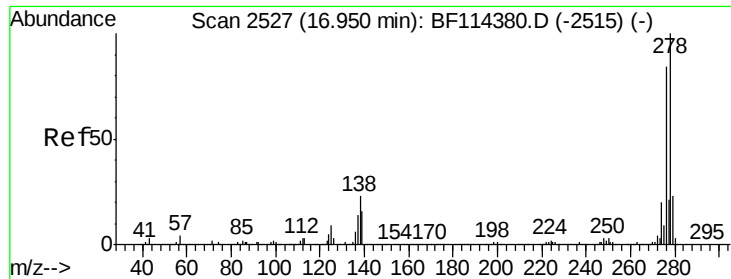
Delta R.T. -0.04 min

Lab File: BF114404.D

Acq: 18 May 2019 21:54

Tgt Ion:	252	Resp:	1501653
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.1	27.1
125	11.4	9.5	14.3





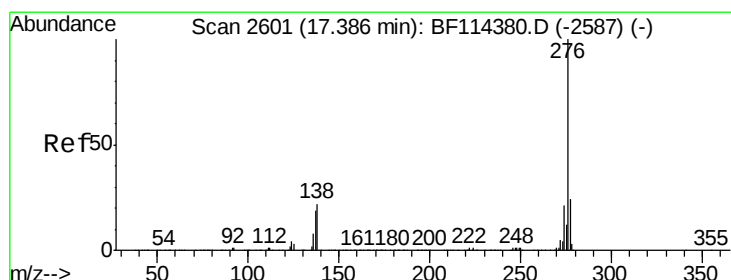
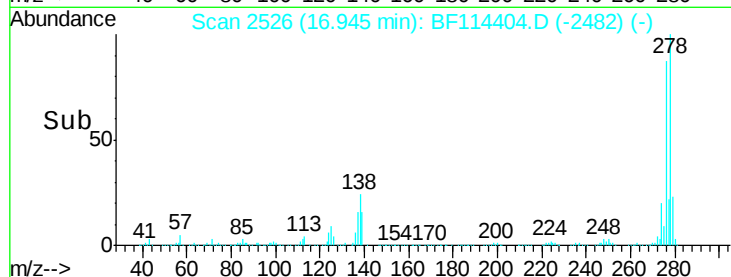
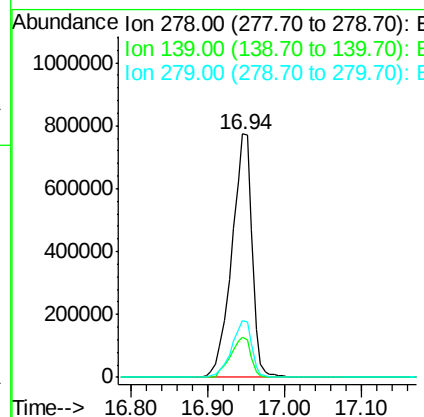
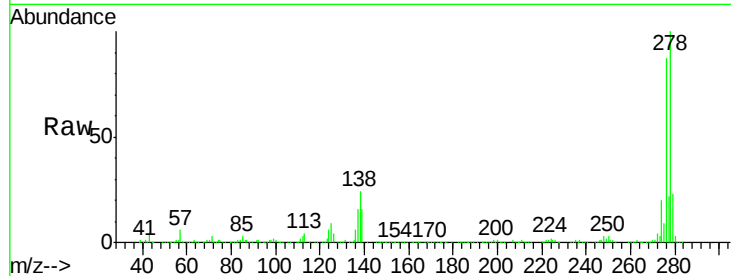
#91
Dibenzo(a,h)anthracene
Concen: 47.688 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.5	20.3
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/21/2019 7:18:20 PM



#92
Benzo(g,h,i)perylene
Concen: 46.970 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF114404.D
Acq: 18 May 2019 21:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.4	17.8	26.6

