

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114449.D
 Acq On : 21 May 2019 12:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:38 AM

Quant Time: May 21 15:14:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	215197	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	877157	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	429609	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	850028	20.00	ng	0.00
76) Chrysene-d12	14.00	240	587095	20.00	ng	0.00
87) Perylene-d12	15.46	264	564653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1036480	77.51	ng	-0.01
7) Phenol-d6	6.47	99	1276183	80.69	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1250237	79.99	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	344391	77.54	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2200586	77.48	ng	0.00
79) Terphenyl-d14	12.93	244	2306461	80.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	252016	34.287	ng	99
3) Pyridine	3.33	79	678363	33.497	ng	99
4) n-Nitrosodimethylamine	3.29	42	337310	34.540	ng	97
6) Aniline	6.50	93	905945	39.654	ng	93
8) 2-Chlorophenol	6.62	128	594546	41.647	ng	95
9) Benzaldehyde	6.38	77	387935	35.036	ng	98
10) Phenol	6.49	94	733705	39.435	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	592659	41.958	ng	99
12) 1,3-Dichlorobenzene	6.77	146	654811	40.863	ng	97
13) 1,4-Dichlorobenzene	6.85	146	665284	41.200	ng	99
14) 1,2-Dichlorobenzene	7.00	146	612980	41.550	ng	99
15) Benzyl Alcohol	6.98	79	480782	38.976	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1131294	41.307	ng	81
17) 2-Methylphenol	7.09	107	470028	40.081	ng	95
18) Hexachloroethane	7.34	117	250978	41.407	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	413305	41.228	ng	99
20) 3+4-Methylphenols	7.25	107	580800	42.866	ng	94
22) Acetophenone	7.24	105	792946	40.806	ng	93
24) Nitrobenzene	7.42	77	639280	40.158	ng	95
25) Isophorone	7.65	82	1181663	40.765	ng	98
26) 2-Nitrophenol	7.73	139	325085	42.091	ng	94
27) 2,4-Dimethylphenol	7.77	122	468394	38.613	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	791895	42.104	ng	99
29) 2,4-Dichlorophenol	7.98	162	496768	41.127	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	556298	40.501	ng	99
31) Naphthalene	8.13	128	1698768	41.460	ng	99
32) Benzoic acid	7.92	122	333849	39.973	ng	99
33) 4-Chloroaniline	8.19	127	779455	41.746	ng	99
34) Hexachlorobutadiene	8.25	225	326674	41.800	ng	99
35) Caprolactam	8.56	113	170070	43.180	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	526907	43.337	ng	98
37) 2-Methylnaphthalene	8.83	142	1125866	42.589	ng	99
38) 1-Methylnaphthalene	8.93	142	1063973	42.738	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	525931	40.413	ng	100

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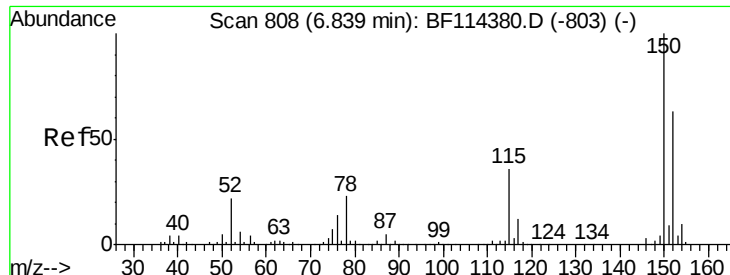
Manual Integrations
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 5/23/2019 8:15:38 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	213218	37.591	ng	97
43) 2,4,6-Trichlorophenol	9.11	196	351625	39.282	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	359859	39.201	ng	96
46) 1,1'-Biphenyl	9.29	154	1399354	40.320	ng	97
47) 2-Chloronaphthalene	9.32	162	1115621	39.941	ng	98
48) 2-Nitroaniline	9.42	65	395618	39.938	ng	98
49) Acenaphthylene	9.73	152	1684002	39.640	ng	98
50) Dimethylphthalate	9.59	163	1304582	41.366	ng	99
51) 2,6-Dinitrotoluene	9.66	165	282400	40.372	ng	98
52) Acenaphthene	9.90	154	1012305	38.832	ng	99
53) 3-Nitroaniline	9.83	138	348729	40.162	ng	97
54) 2,4-Dinitrophenol	9.95	184	108739	35.054	ng	97
55) Dibenzofuran	10.07	168	1443785	37.770	ng	99
56) 4-Nitrophenol	10.00	139	211964	34.518	ng	98
57) 2,4-Dinitrotoluene	10.07	165	352615	37.140	ng	# 85
58) Fluorene	10.42	166	1182615	40.053	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	312099	39.402	ng	98
60) Diethylphthalate	10.29	149	1311897	40.941	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	591494	40.787	ng	98
62) 4-Nitroaniline	10.45	138	360873	39.550	ng	98
63) Azobenzene	10.56	77	1245938	40.170	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	169877	41.591	ng	87
66) n-Nitrosodiphenylamine	10.53	169	1058555	41.032	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	388329	41.492	ng	99
68) Hexachlorobenzene	10.97	284	422263	40.784	ng	93
69) Atrazine	11.05	200	323510	40.296	ng	99
70) Pentachlorophenol	11.17	266	183981	37.485	ng	97
71) Phenanthrene	11.38	178	1706045	41.254	ng	98
72) Anthracene	11.43	178	1712858	41.236	ng	99
73) Carbazole	11.59	167	1631185	41.181	ng	99
74) Di-n-butylphthalate	11.91	149	2103695	46.100	ng	100
75) Fluoranthene	12.57	202	1817791	40.818	ng	98
77) Benzidine	12.69	184	999802	37.938	ng	97
78) Pyrene	12.80	202	1835386	38.861	ng	99
80) Butylbenzylphthalate	13.40	149	901158	45.332	ng	99
81) Benzo(a)anthracene	13.99	228	1577241	41.536	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	630290	42.787	ng	99
83) Chrysene	14.03	228	1509250	40.545	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1247220m	47.971	ng	
85) Di-n-octyl phthalate	14.57	149	2004364	47.557	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1368118	41.586	ng	100
88) Benzo(b)fluoranthene	15.04	252	1476561	40.817	ng	100
89) Benzo(k)fluoranthene	15.07	252	1396574	42.027	ng	99
90) Benzo(a)pyrene	15.40	252	1325608	41.638	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1126775	42.592	ng	100
92) Benzo(g,h,i)perylene	17.38	276	1113818	42.012	ng	98

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



#1

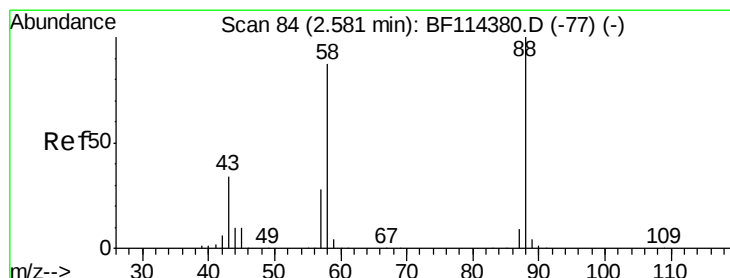
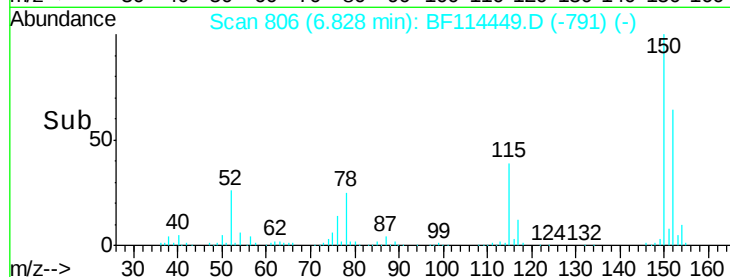
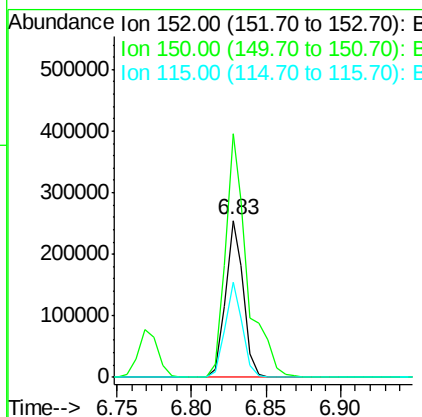
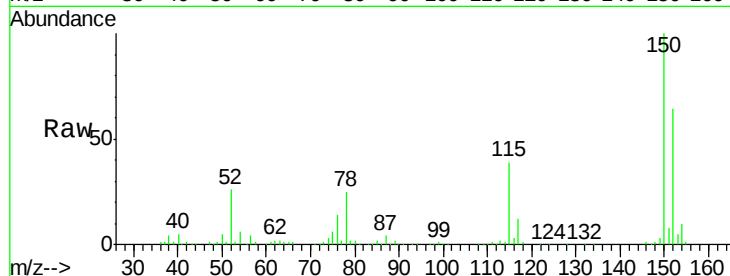
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	60.6	49.1	73.7

Manual Integrations
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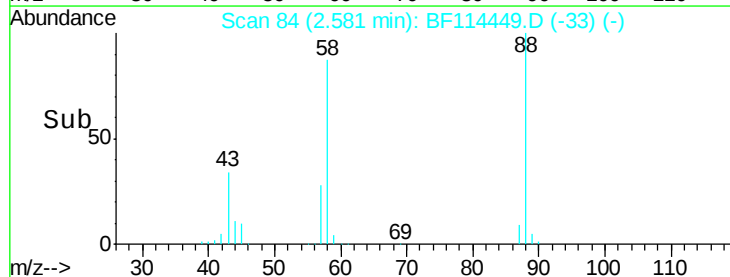
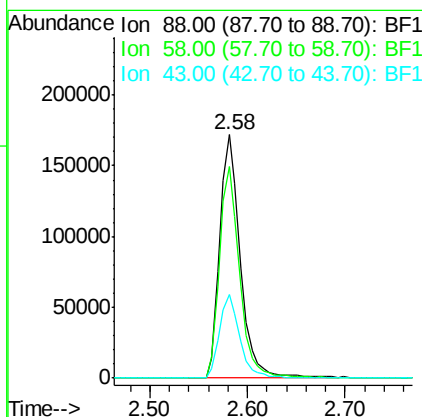
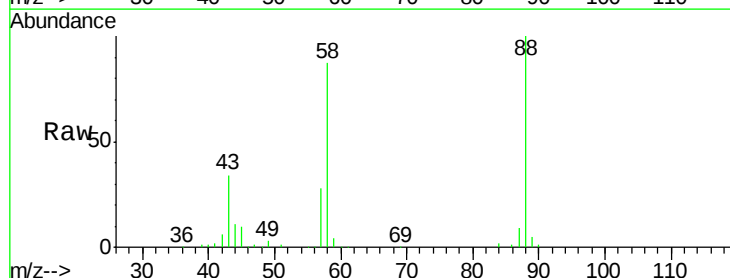
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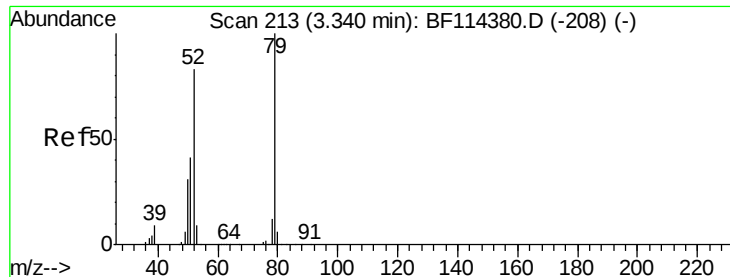


#2

1,4-Dioxane
Concen: 34.287 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.00 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.7	103.1
43	33.9	28.2	42.2





#3

Pyridine

Concen: 33.497 ng

RT: 3.33 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

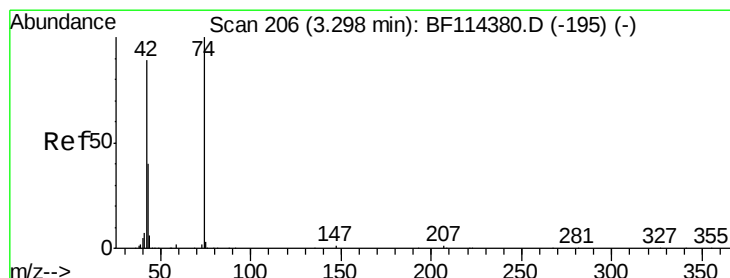
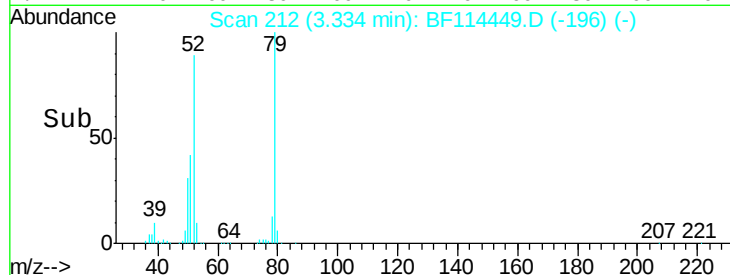
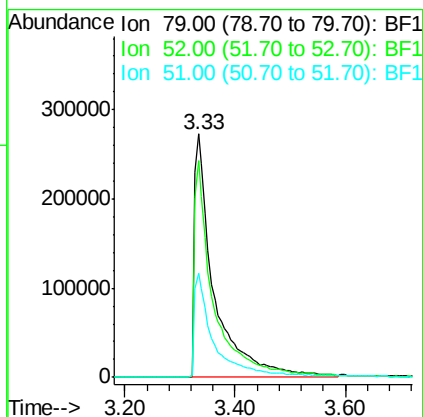
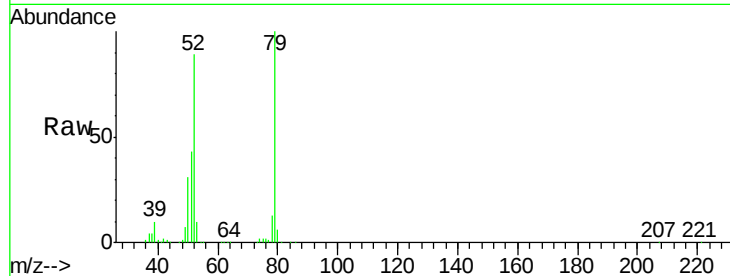
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	678363
Ion	Ratio	Lower	Upper
79	100		
52	88.8	70.6	105.8
51	42.5	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.540 ng

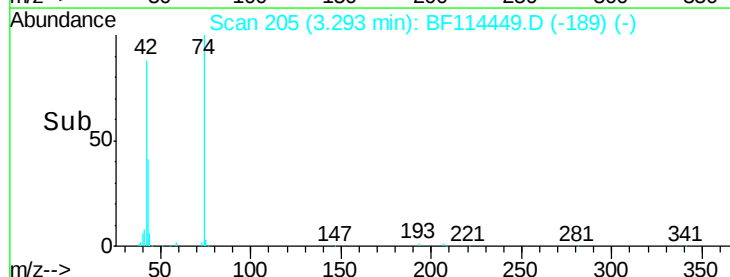
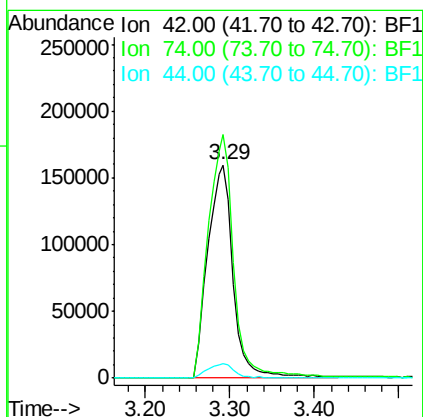
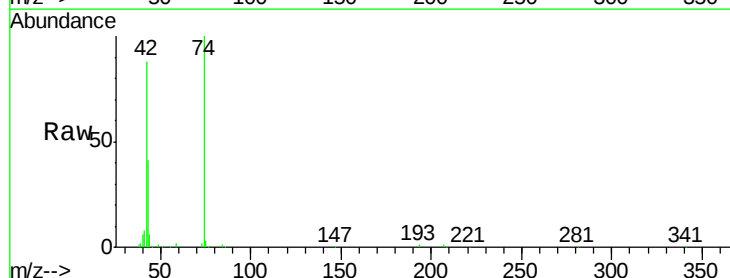
RT: 3.29 min Scan# 205

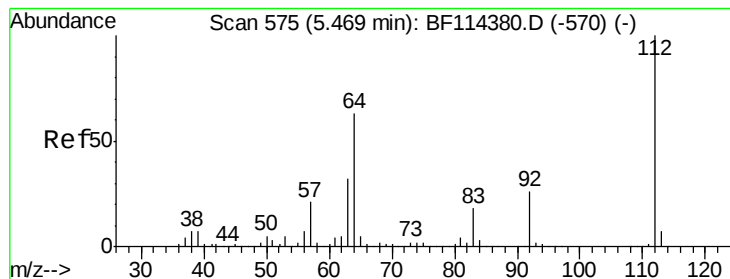
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	42	Resp:	337310
Ion	Ratio	Lower	Upper
42	100		
74	114.1	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 77.509 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 112 Resp: 1036480

Ion Ratio Lower Upper

112 100

64 64.7 49.0 73.6

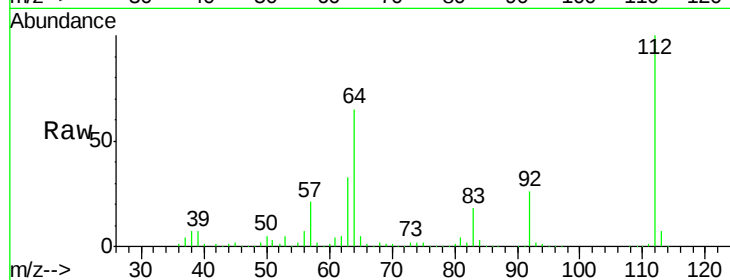
63 32.9 24.6 37.0

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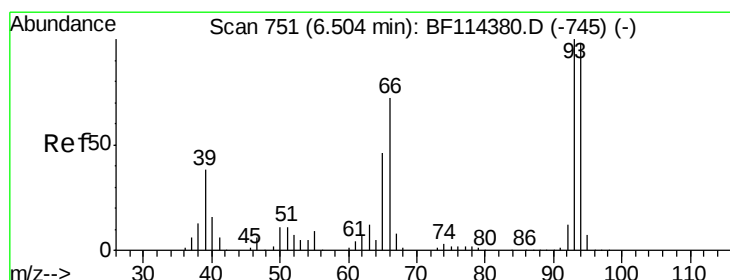
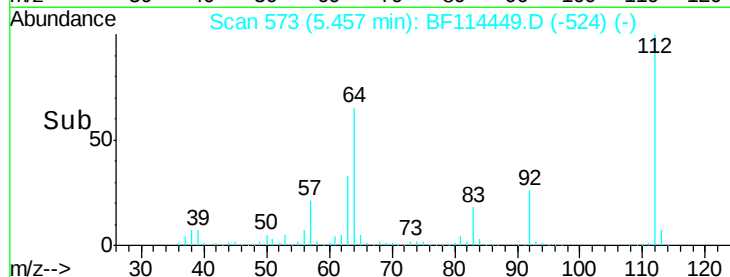
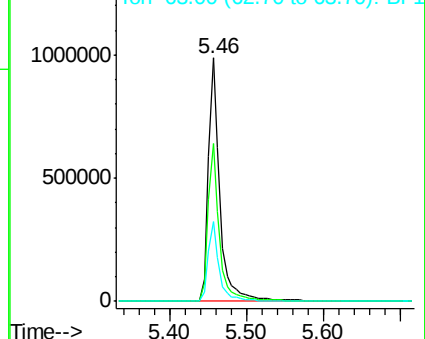
5/23/2019 8:15:38 AM



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: 39.654 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

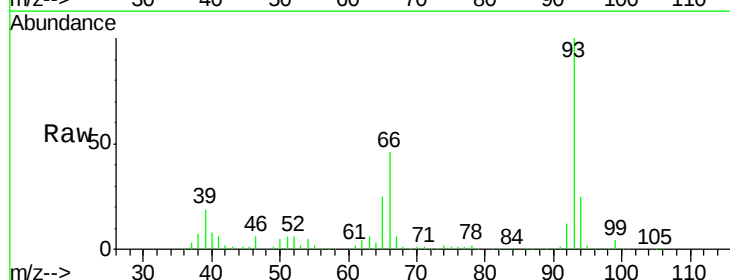
Tgt Ion: 93 Resp: 905945

Ion Ratio Lower Upper

93 100

66 45.7 33.2 49.8

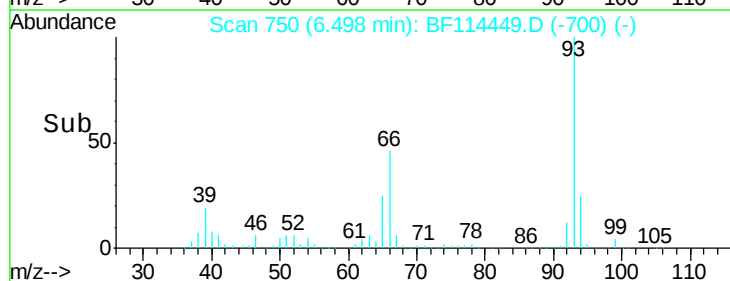
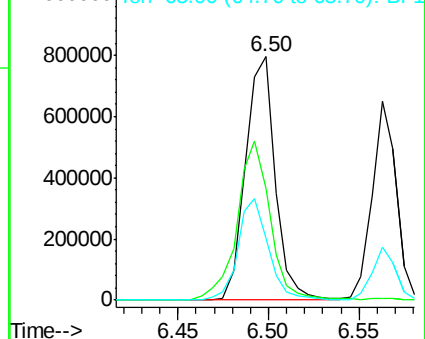
65 25.2 17.6 26.4

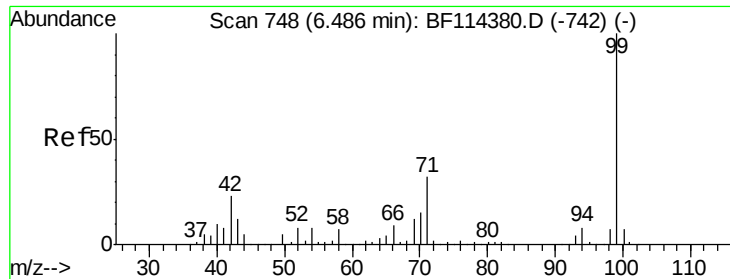


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.690 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1276183

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

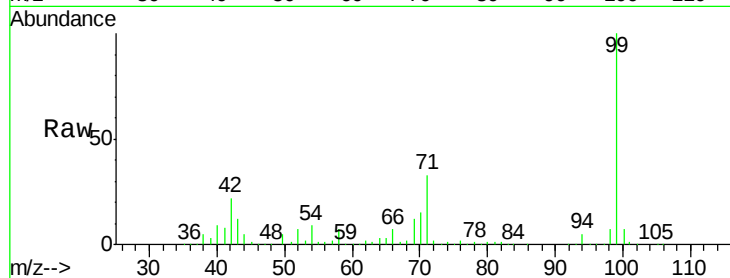
71 33.1 26.2 39.2

Manual Integrations

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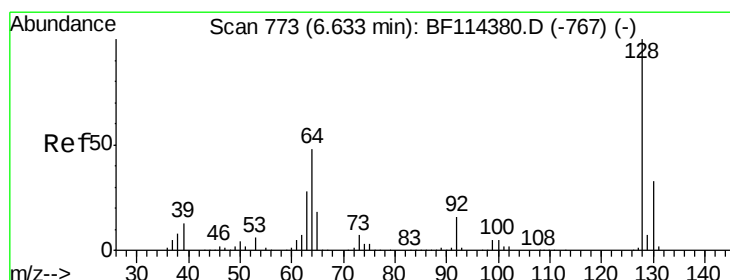
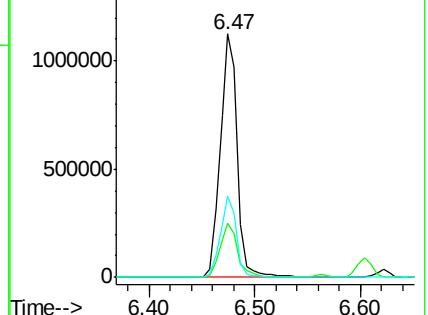
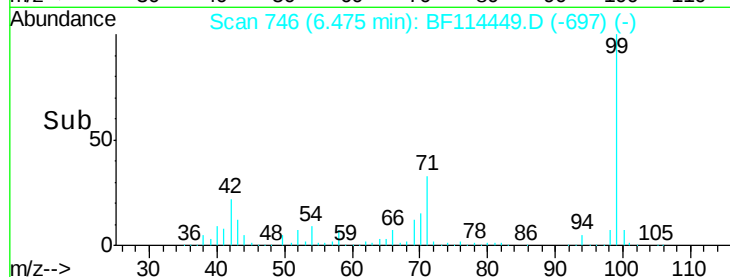
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.647 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

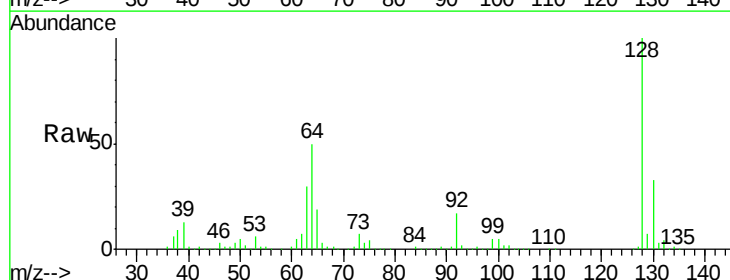
Tgt Ion: 128 Resp: 594546

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

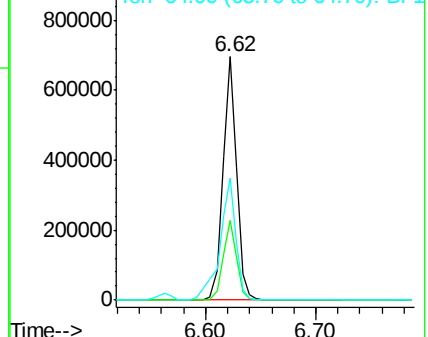
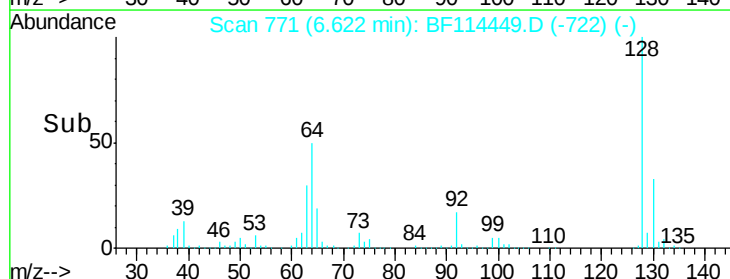
64 50.2 35.9 75.9

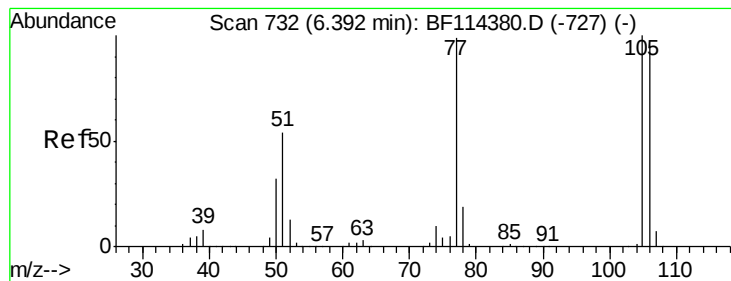


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.036 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

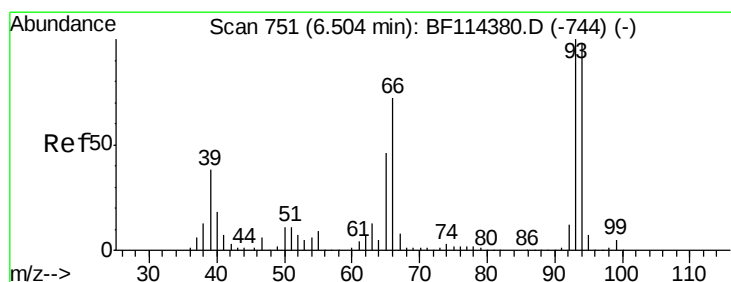
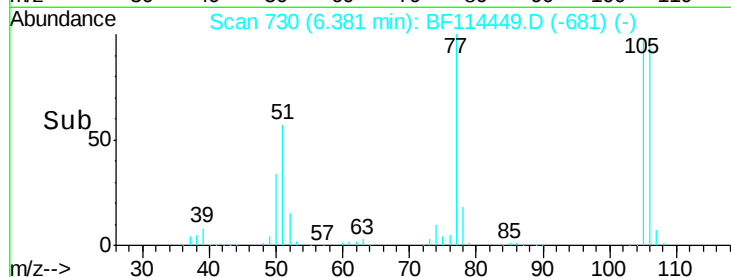
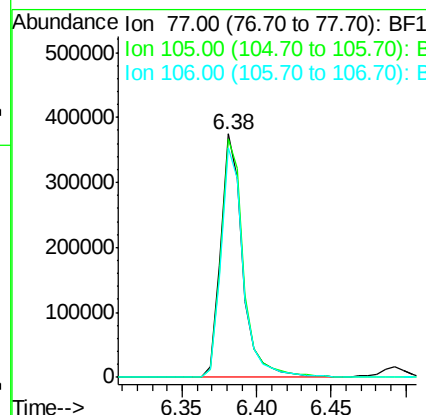
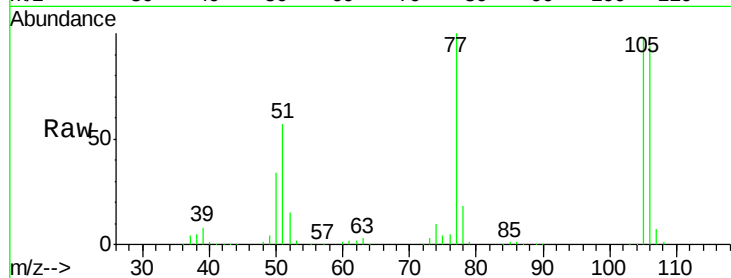
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	387935
Ion Ratio	Lower	Upper	
77	100		
105	98.2	79.3	119.3
106	94.4	77.0	117.0

Manual Integrations
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5/23/2019 8:15:38 AM



#10

Phenol

Concen: 39.435 ng

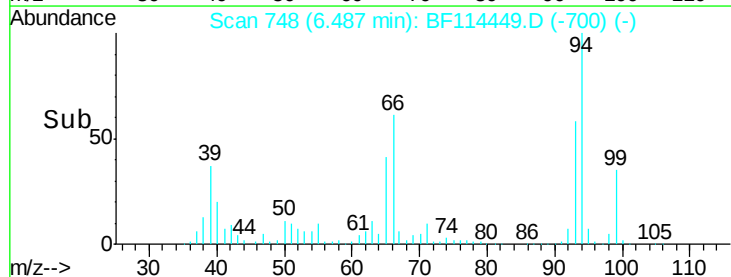
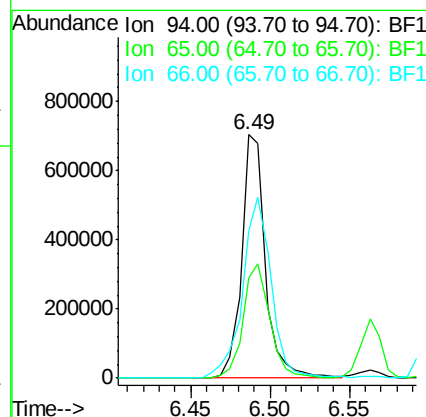
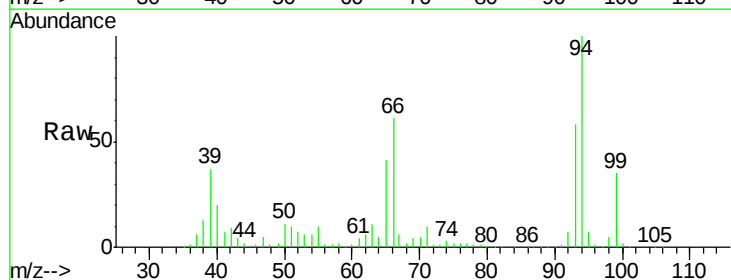
RT: 6.49 min Scan# 748

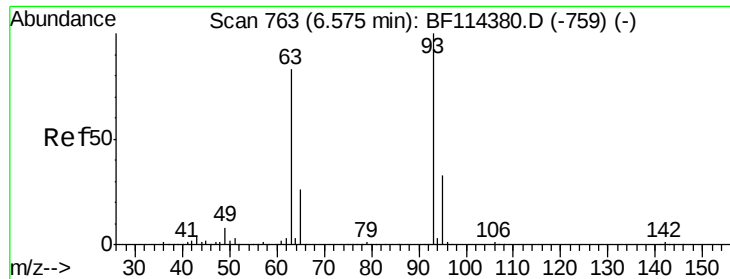
Delta R.T. -0.02 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	94	Resp:	733705
Ion Ratio	Lower	Upper	
94	100		
65	41.3	14.7	54.7
66	60.8	29.6	69.6





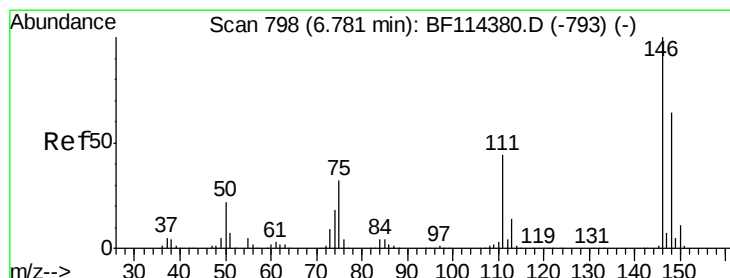
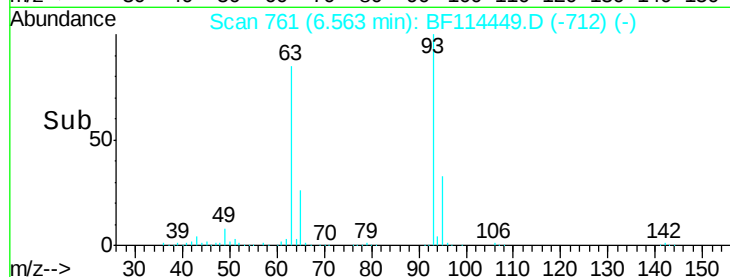
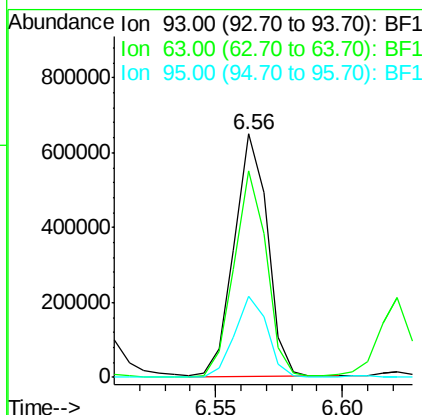
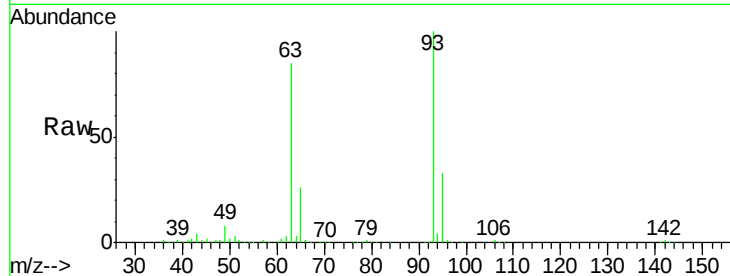
#11
 bis(2-Chloroethyl)ether
 Concen: 41.958 ng
 RT: 6.56 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.7	63.6	103.6
95	33.1	13.1	53.1

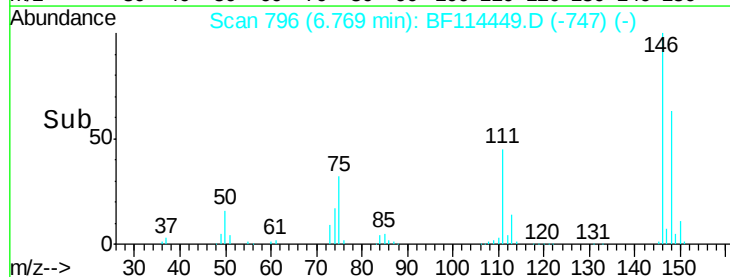
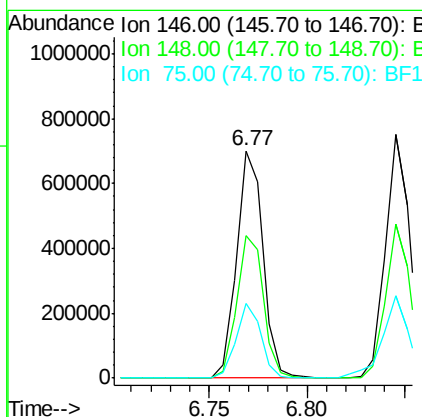
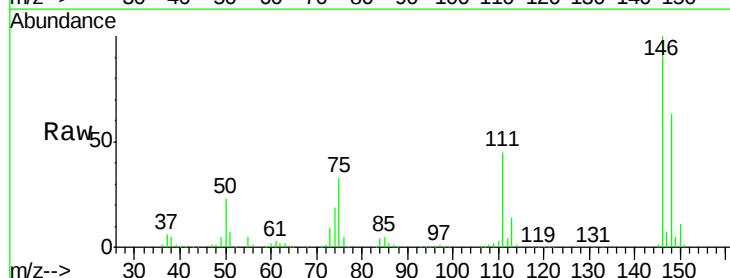
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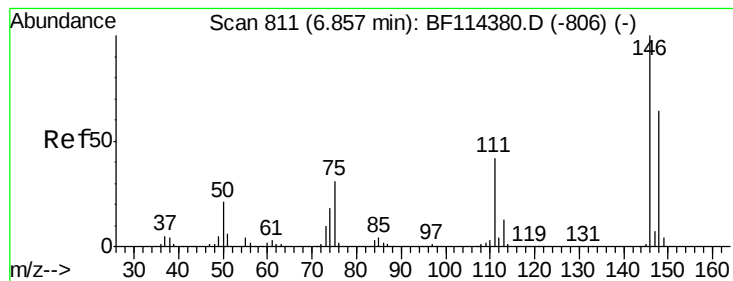
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 40.863 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
75	32.9	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 41.200 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

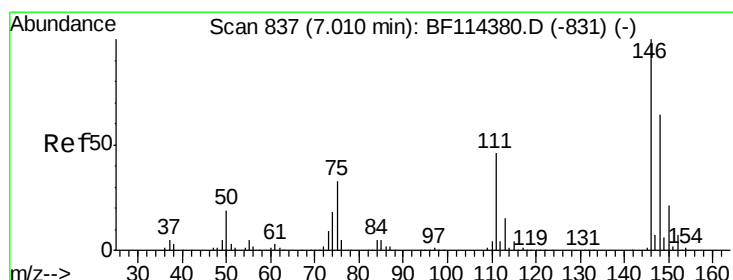
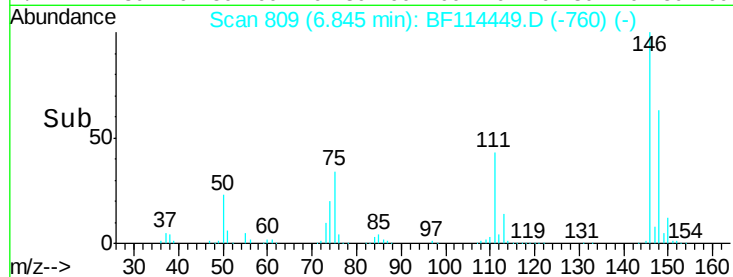
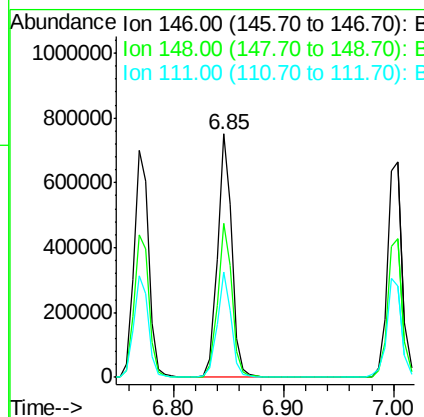
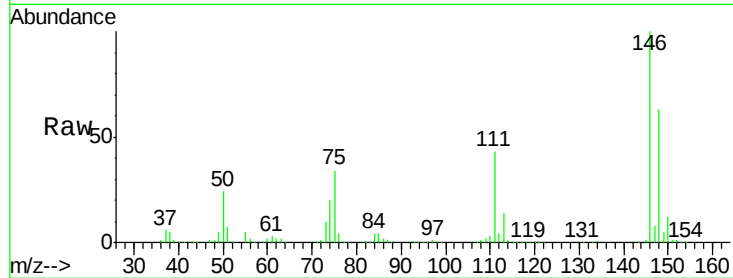
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	665284
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.2
111	43.4	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 41.550 ng

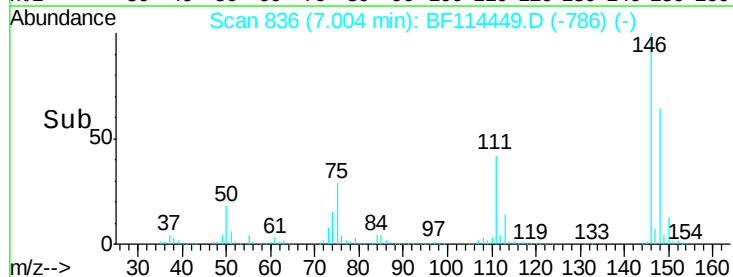
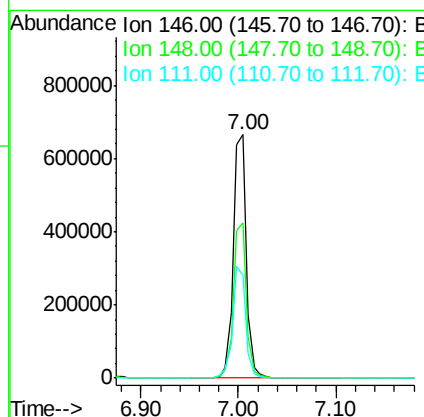
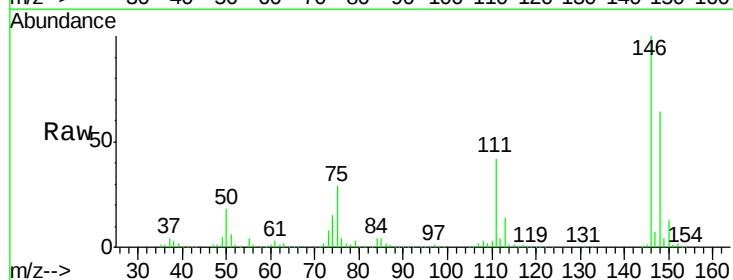
RT: 7.00 min Scan# 836

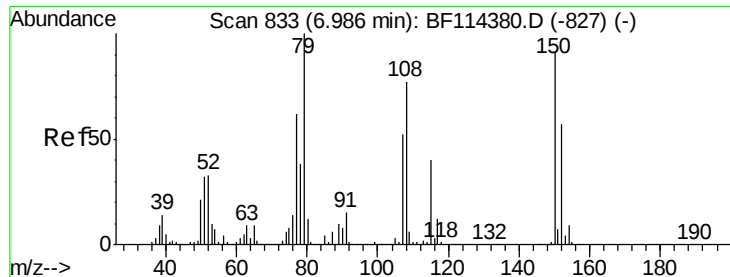
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	146	Resp:	612980
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	42.5	35.3	52.9





#15

Benzyl Alcohol

Concen: 38.976 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 480782

Ion Ratio Lower Upper

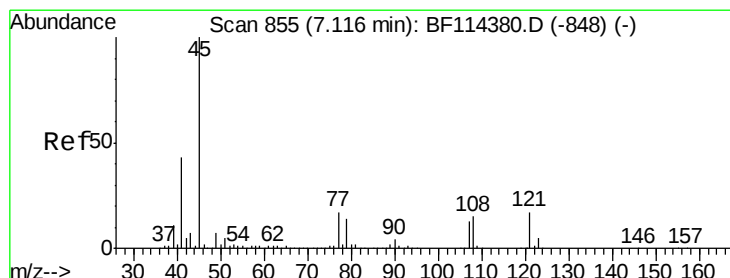
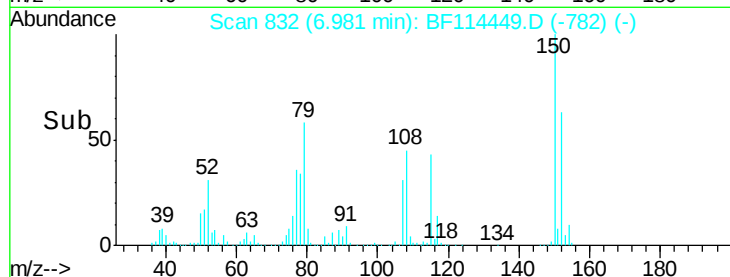
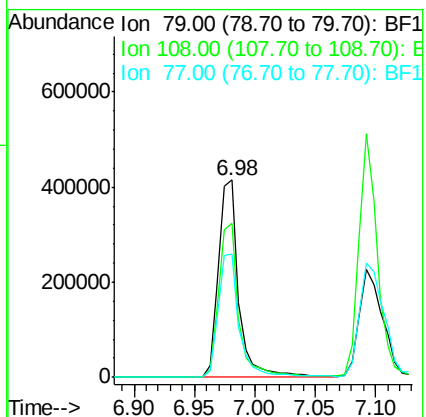
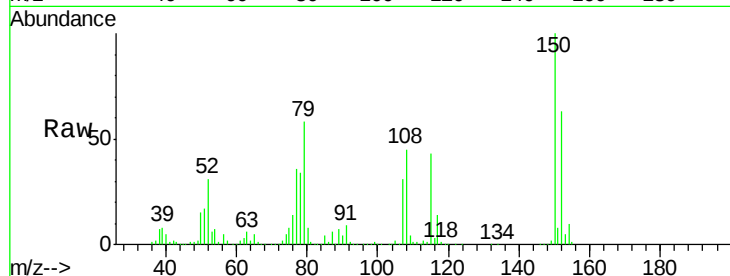
79 100

108 77.9 62.1 93.1

77 62.8 51.0 76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.307 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

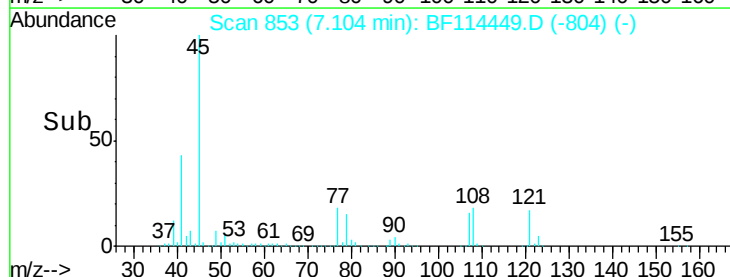
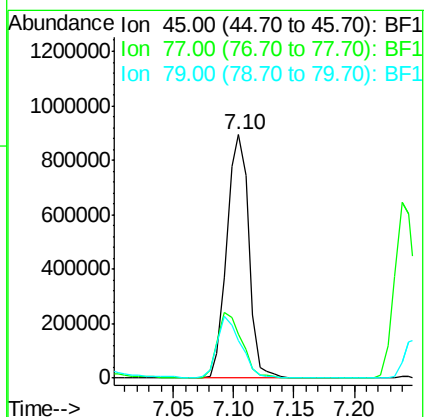
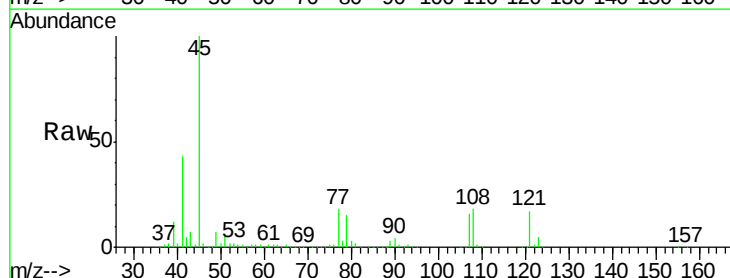
Tgt Ion: 45 Resp: 1131294

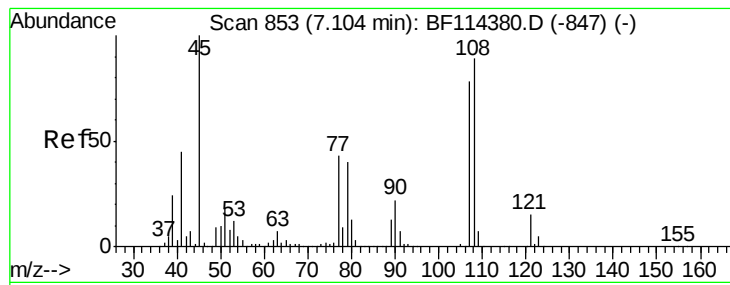
Ion Ratio Lower Upper

45 100

77 18.0 0.0 31.1

79 15.3 0.0 28.4





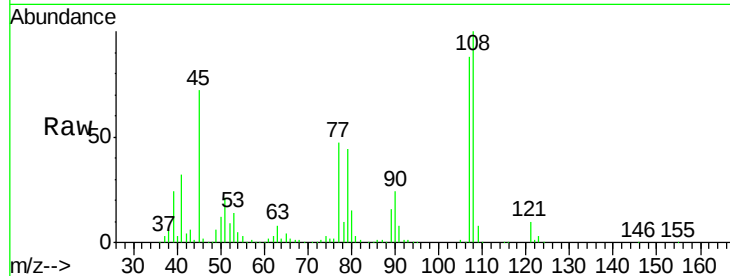
#17
2-Methylphenol
Concen: 40.081 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

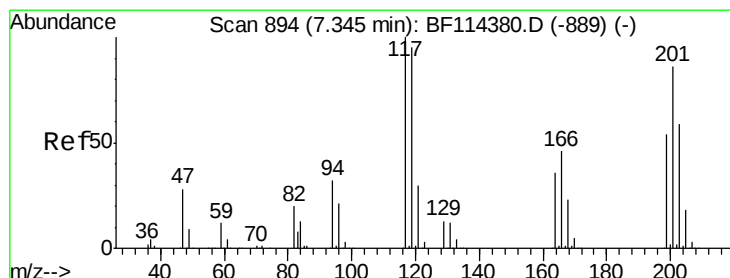
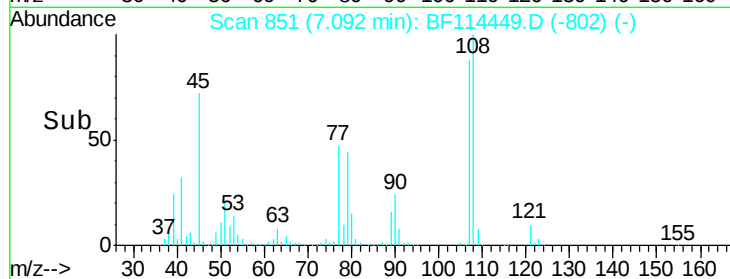
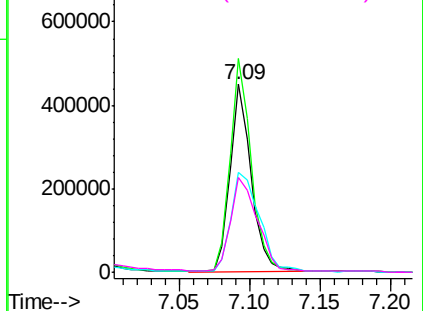
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	470028		
108	113.6	90.5	135.7	
77	53.2	37.0	55.4	
79	50.5	35.8	53.8	

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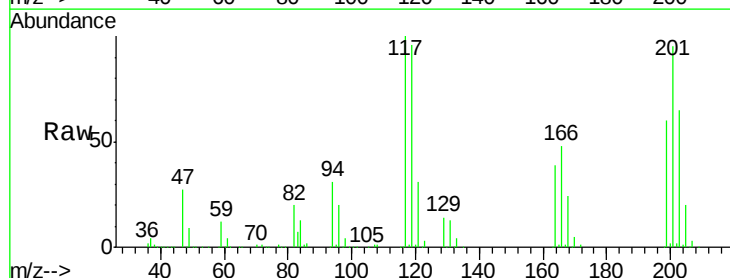


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

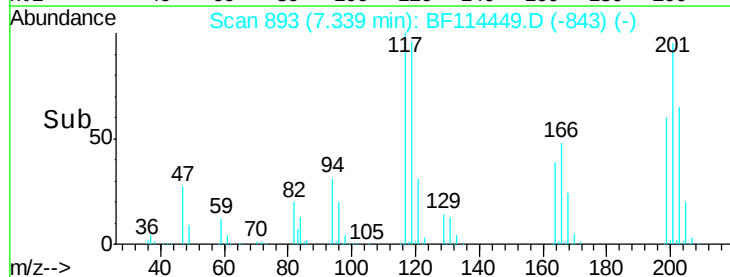
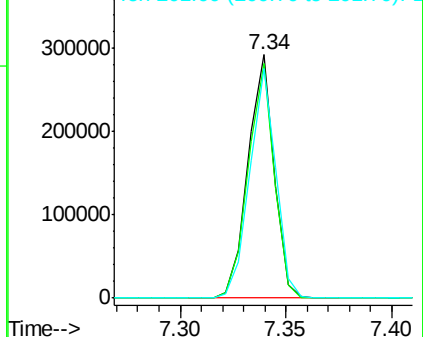


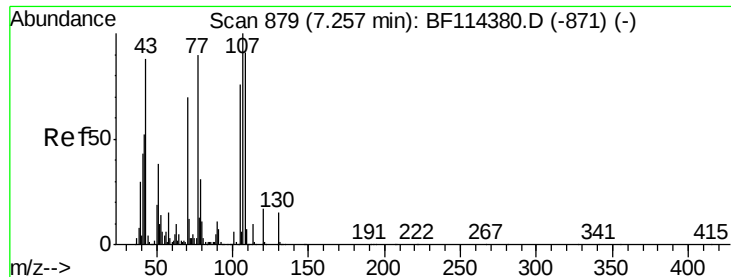
#18
Hexachloroethane
Concen: 41.407 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	250978		
119	96.2	77.4	116.2	
201	94.5	74.5	111.7	



Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0





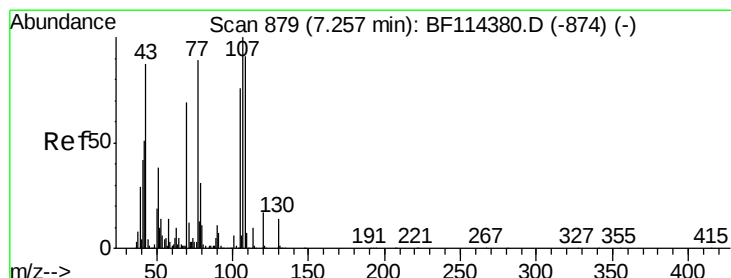
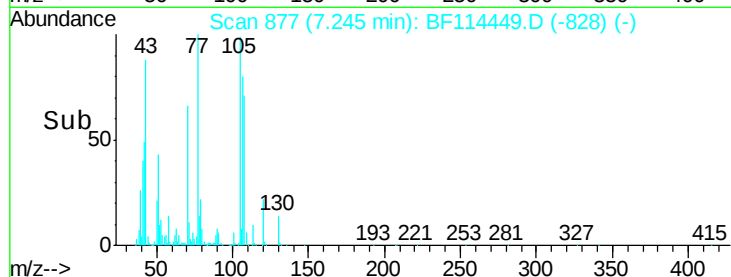
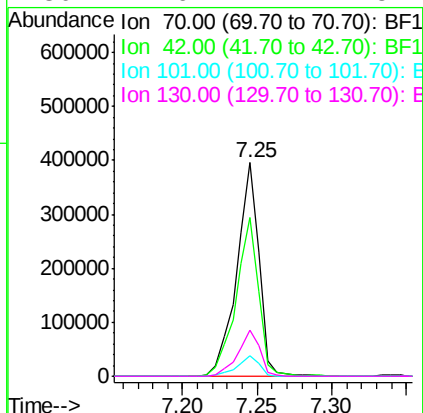
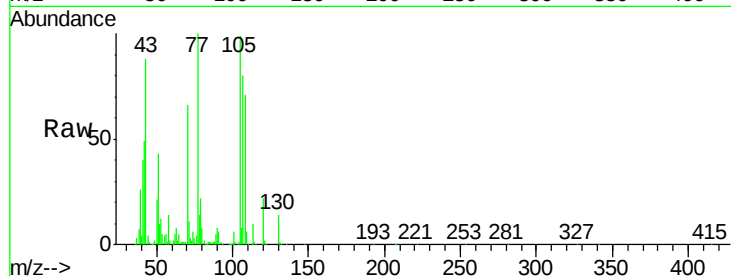
#19
n-Nitroso-di-n-propylamine
Concen: 41.228 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	413305		
42	74.1	58.6	87.8	
101	9.5	7.8	11.8	
130	21.6	17.1	25.7	

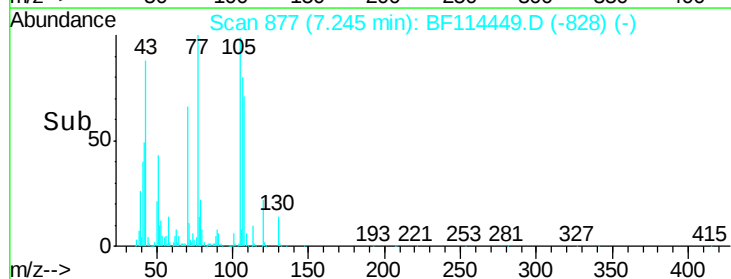
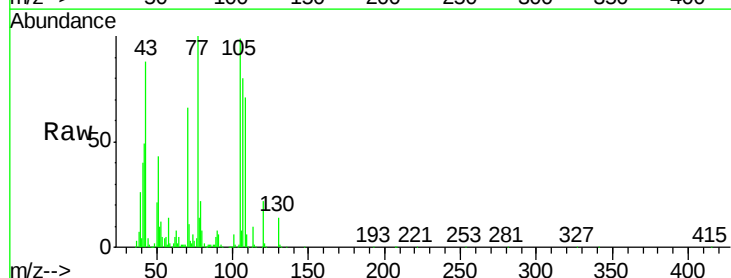
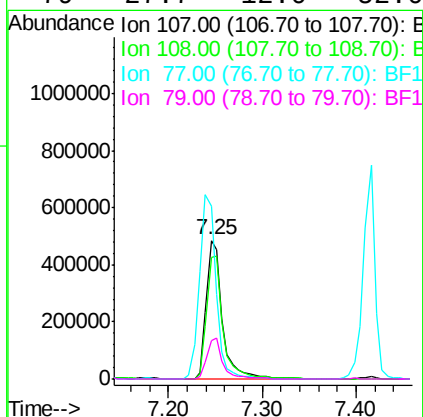
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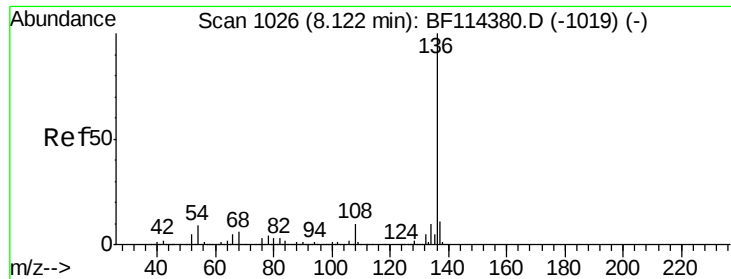
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#20
3+4-Methylphenols
Concen: 42.866 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	580800		
108	88.0	73.8	113.8	
77	124.4	111.5	151.5	
79	27.7	12.0	52.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

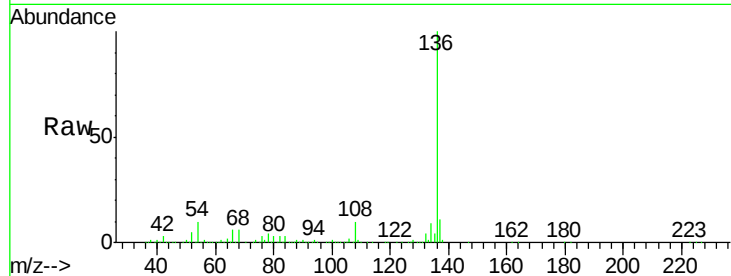
ClientSampled :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	877157		
137	11.1	8.8	13.2	
54	10.1	7.8	11.8	
68	6.4	5.1	7.7	

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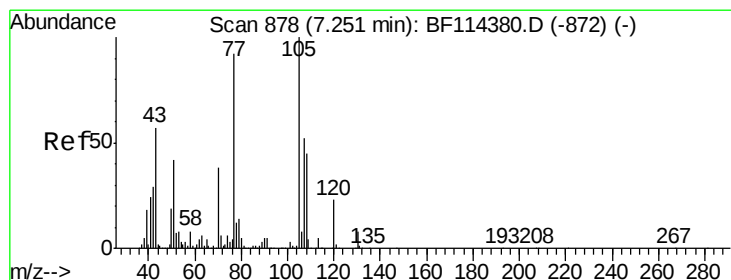
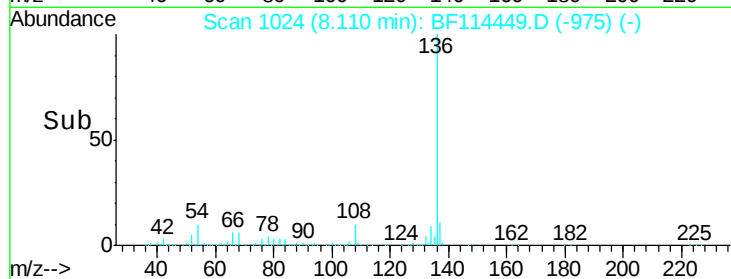
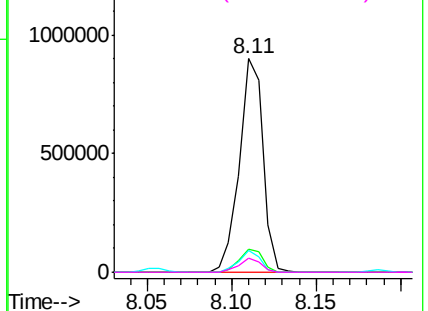


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.806 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

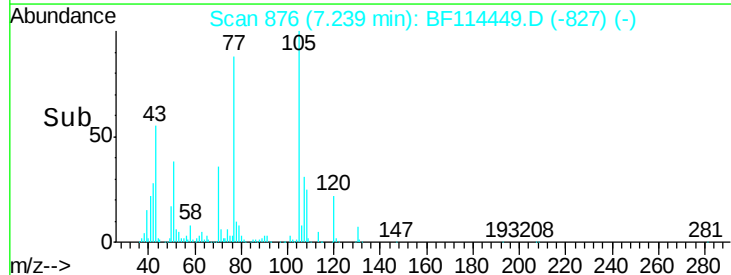
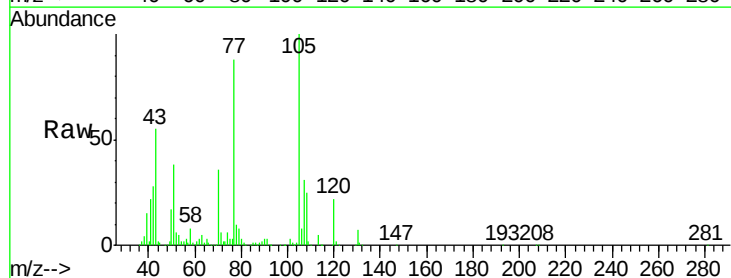
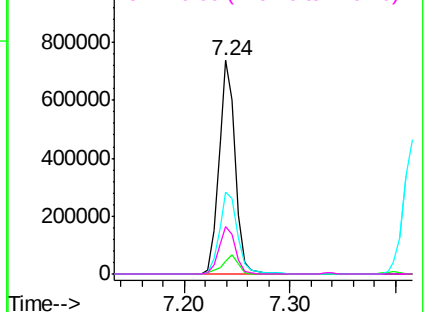
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	792946		
71	6.0	5.3	7.9	
51	38.3	36.2	54.4	
120	22.3	18.6	28.0	

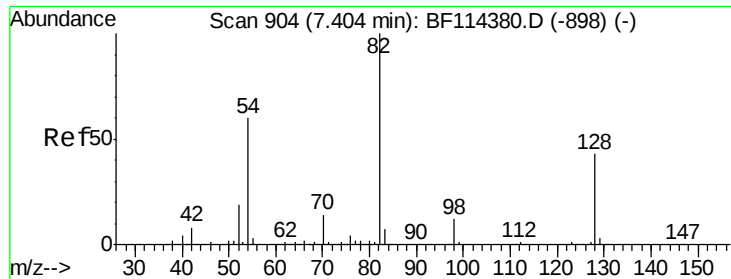
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





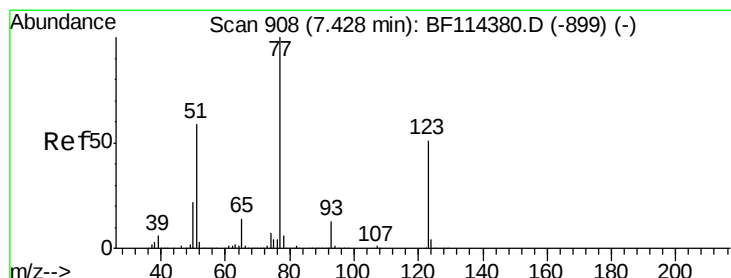
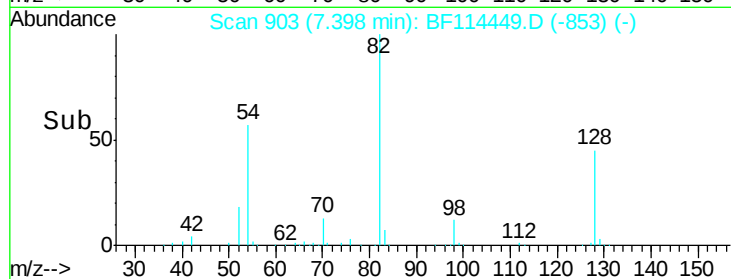
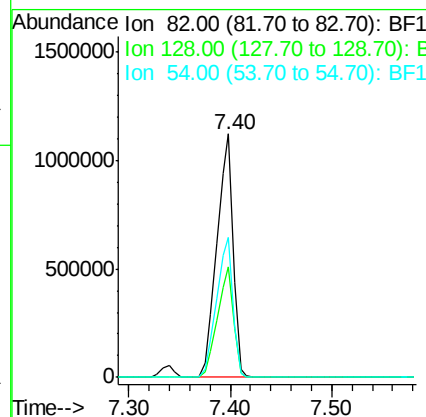
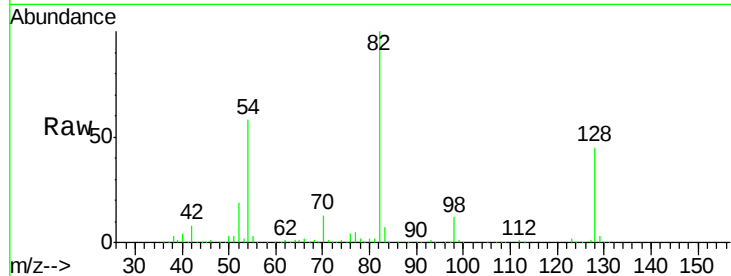
#23
 Nitrobenzene-d5
 Concen: 79.990 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	57.7	48.5	72.7

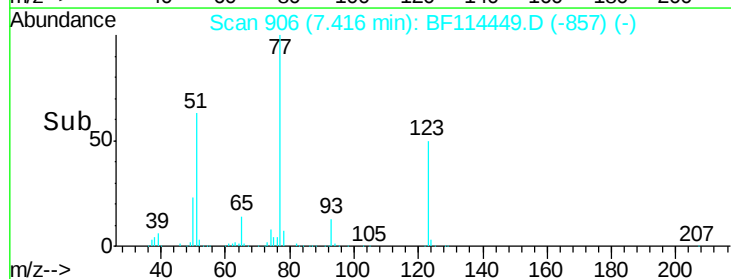
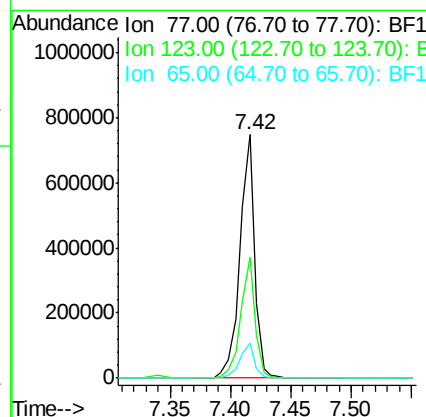
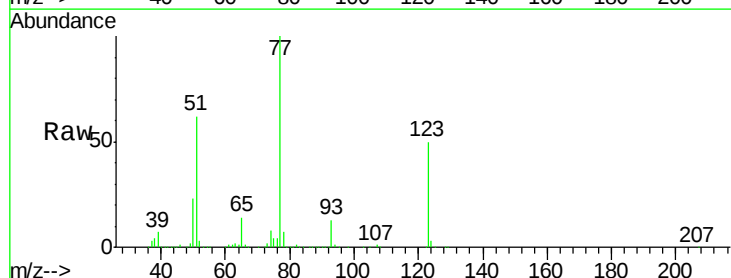
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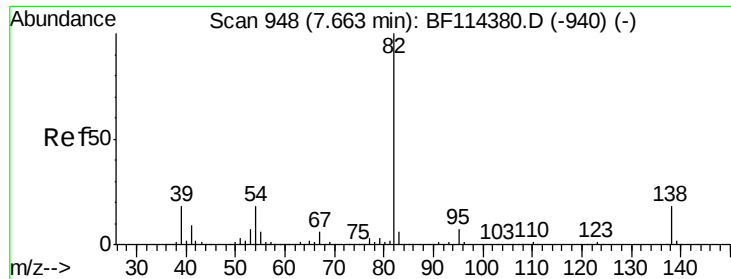
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#24
 Nitrobenzene
 Concen: 40.158 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 40.765 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1181663

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

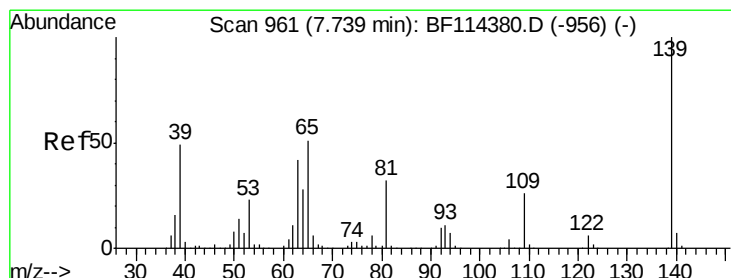
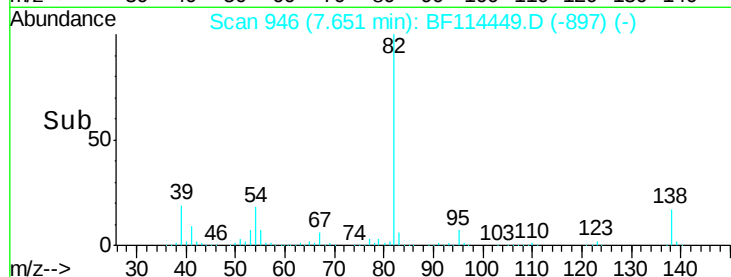
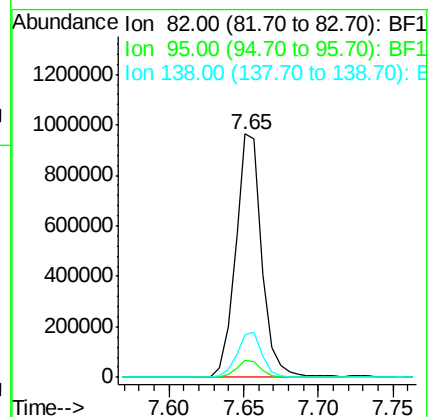
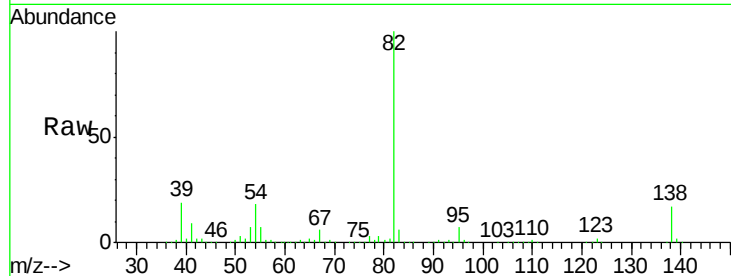
138 17.4 14.8 22.2

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#26

2-Nitrophenol

Concen: 42.091 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

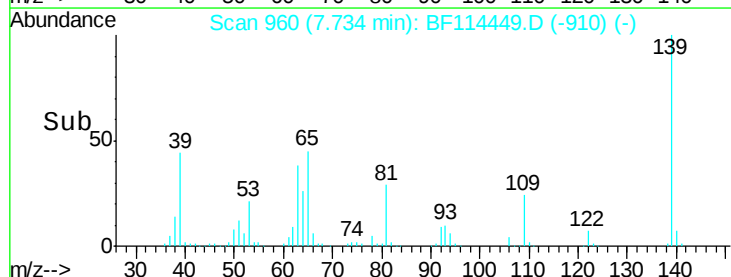
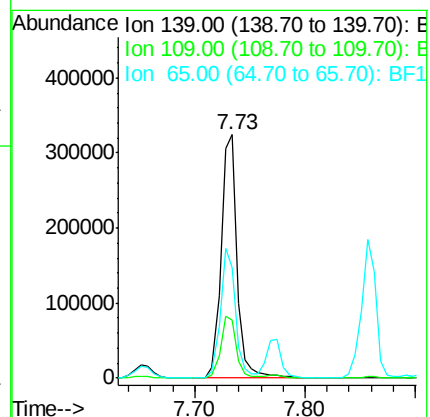
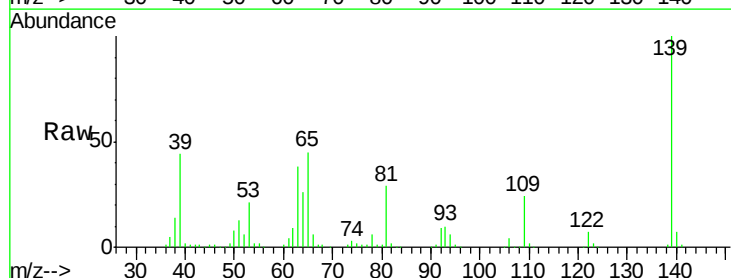
Tgt Ion: 139 Resp: 325085

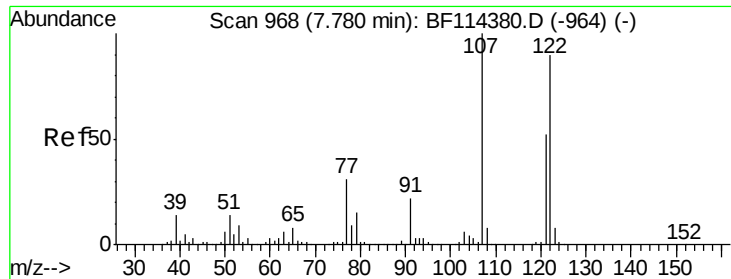
Ion Ratio Lower Upper

139 100

109 23.9 20.7 31.1

65 45.4 40.2 60.2





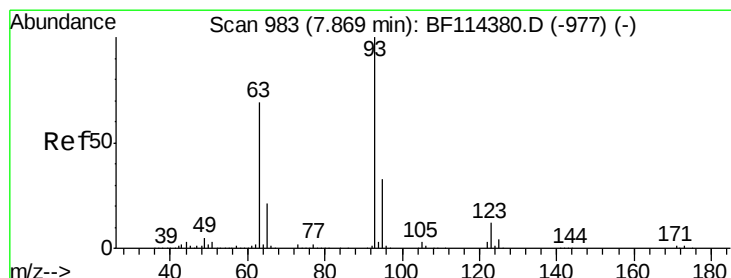
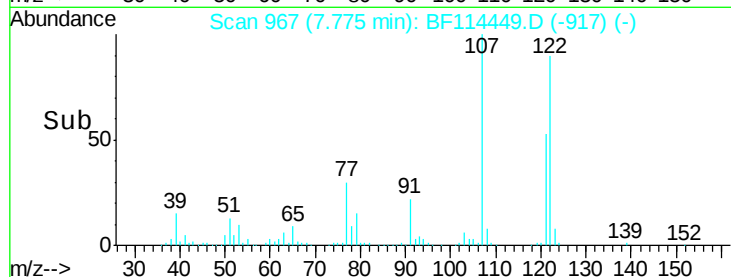
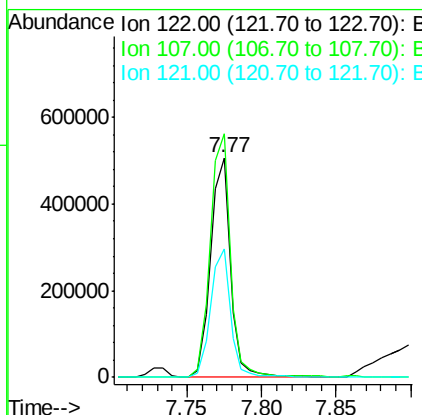
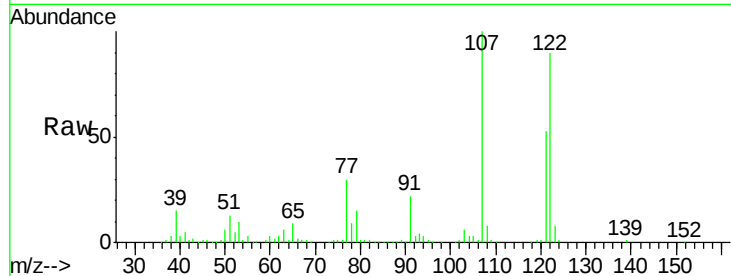
#27
2,4-Dimethylphenol
Concen: 38.613 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	468394		
107	110.7	88.4	132.6	
121	58.6	45.9	68.9	

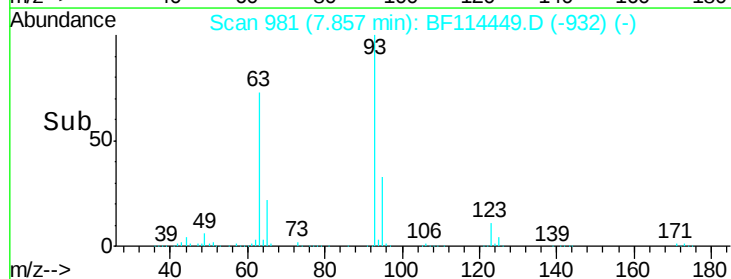
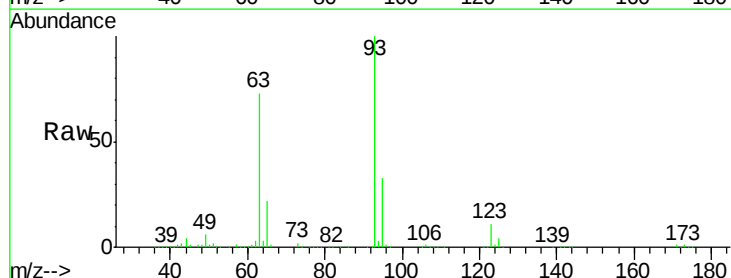
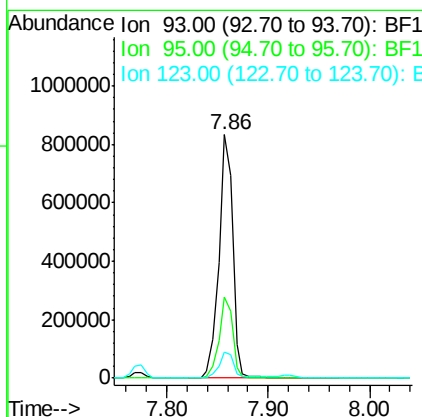
Manual Integrations
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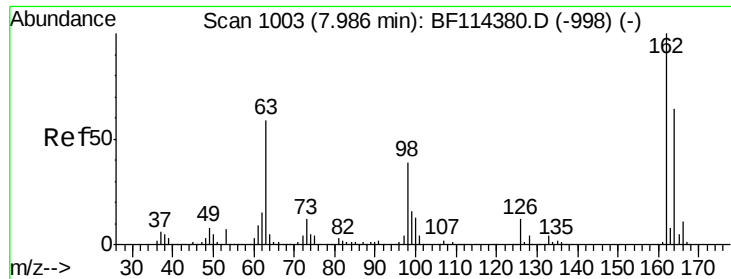
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.104 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	791895		
95	33.1	26.8	40.2	
123	10.9	9.5	14.3	





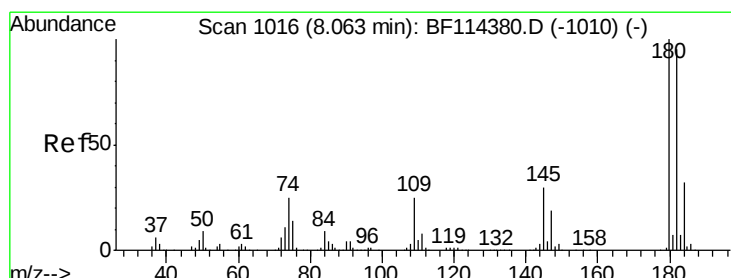
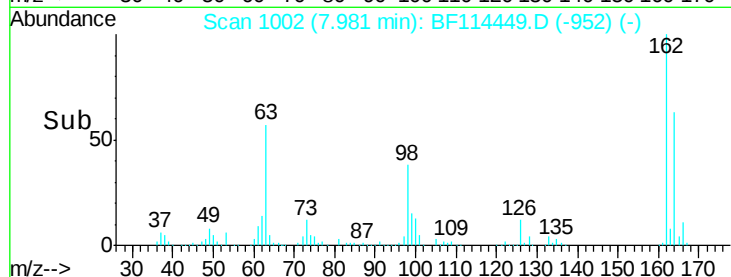
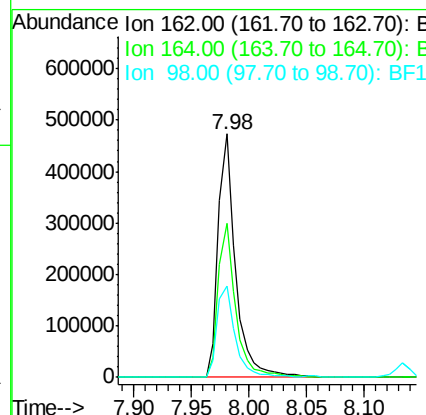
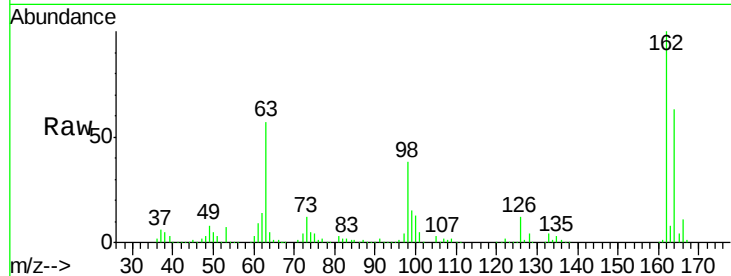
#29
 2,4-Dichlorophenol
 Concen: 41.127 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	496768		
164	63.1	43.6	83.6	
98	37.6	20.6	60.6	

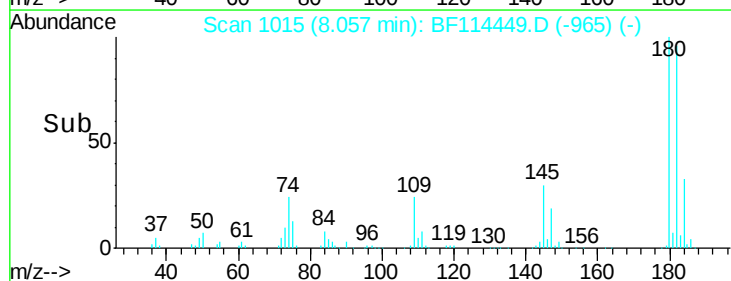
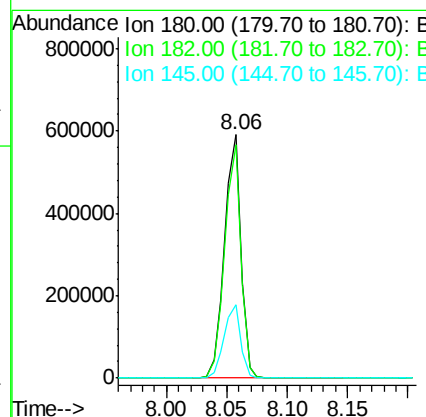
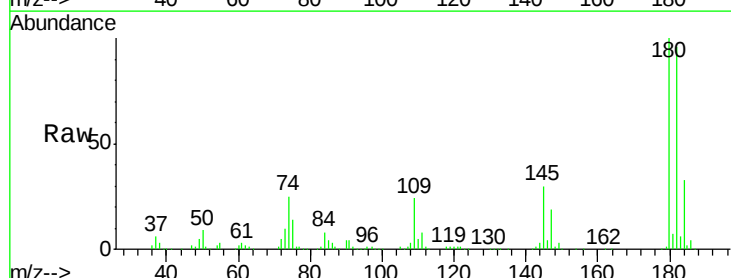
Manual Integrations
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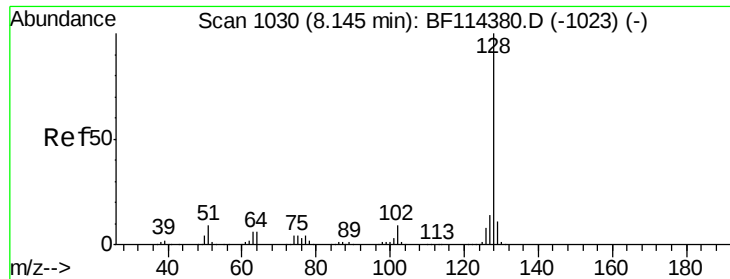
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.501 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	556298		
182	96.0	76.6	114.8	
145	30.1	25.1	37.7	





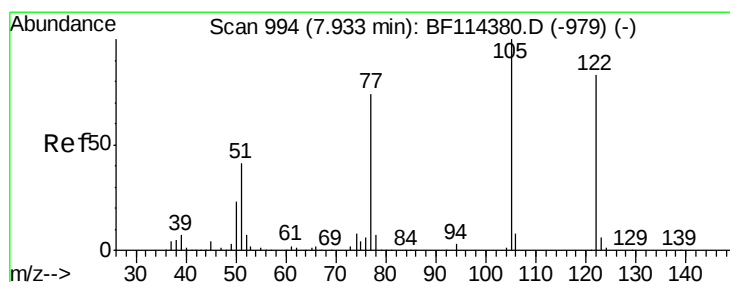
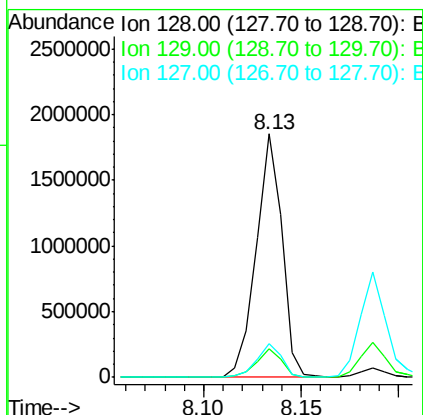
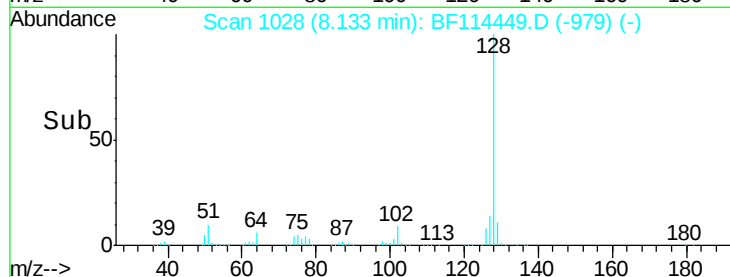
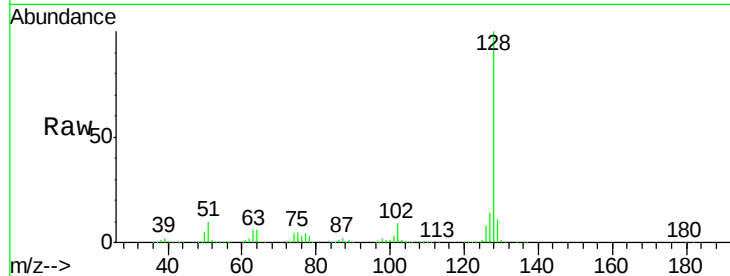
#31
Naphthalene
Concen: 41.460 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.6	11.3	16.9

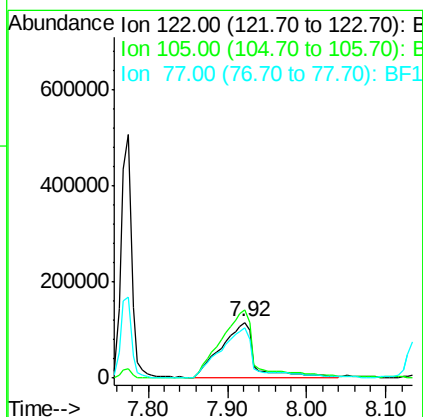
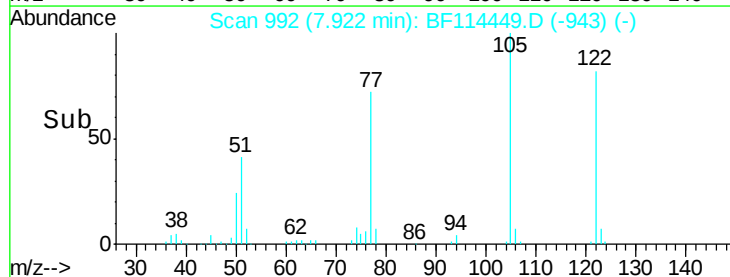
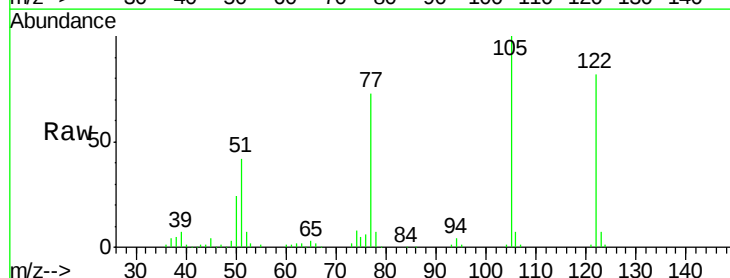
Manual Integrations
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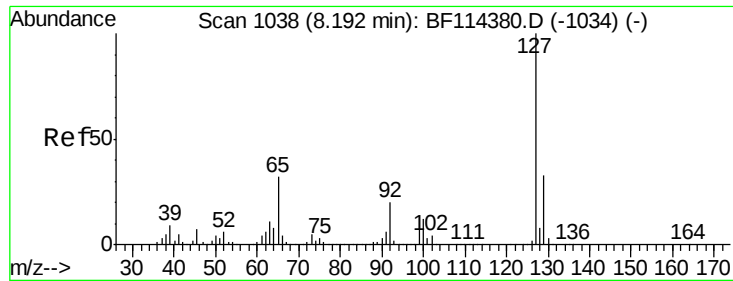
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#32
Benzoic acid
Concen: 39.973 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	99.9	139.9
77	89.1	69.4	109.4





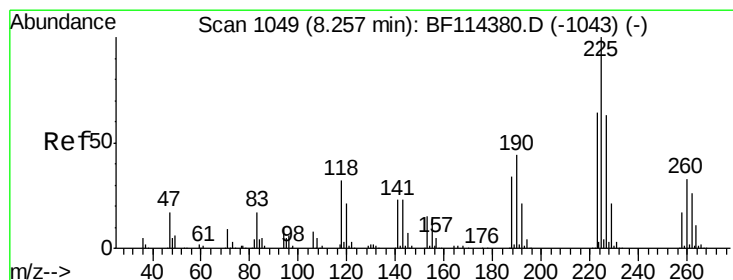
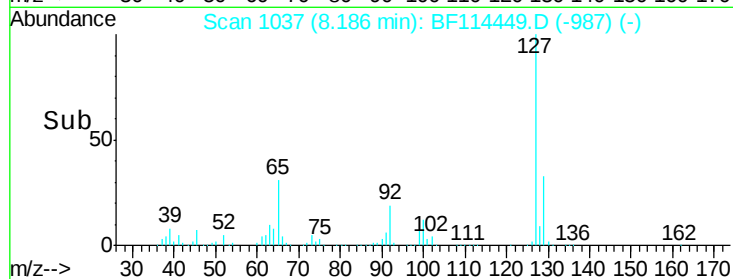
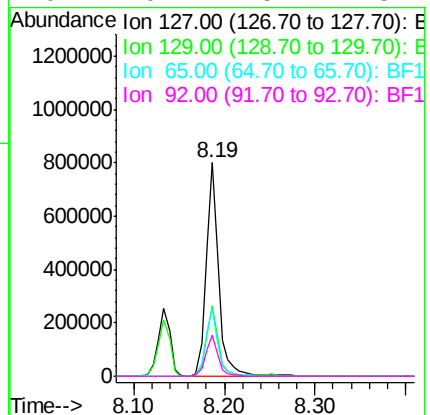
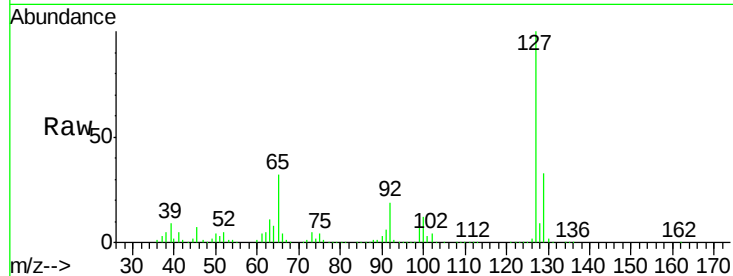
#33
4-Chloroaniline
Concen: 41.746 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	779455		
129	32.7	26.7	40.1	
65	31.5	25.4	38.0	
92	19.4	15.4	23.2	

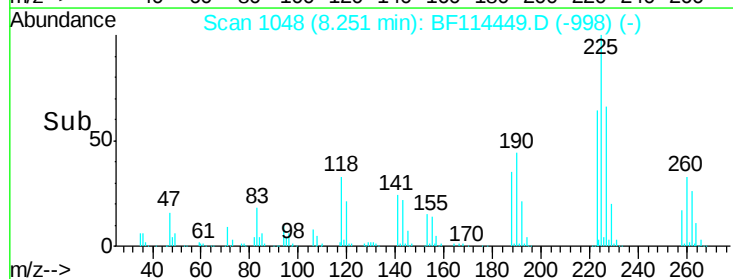
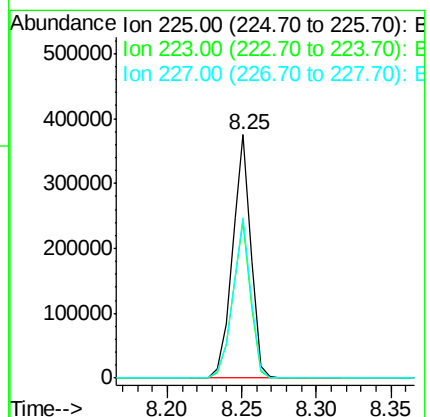
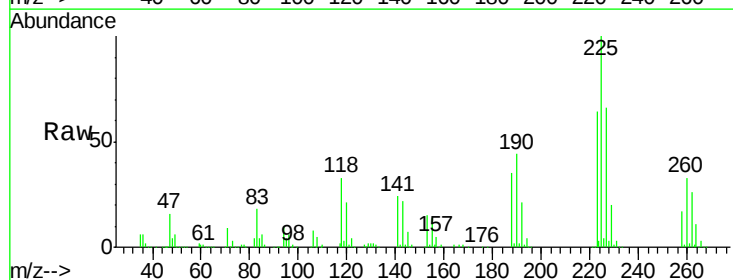
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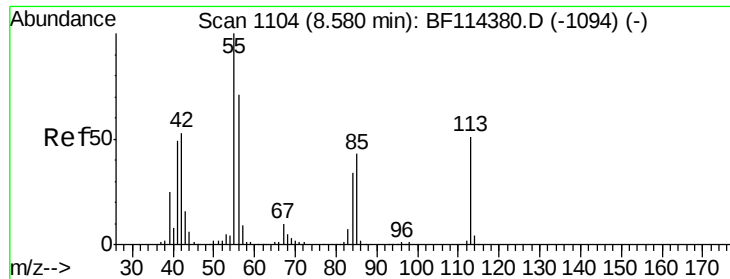
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#34
Hexachlorobutadiene
Concen: 41.800 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	326674		
223	64.1	50.2	75.2	
227	66.1	52.6	79.0	





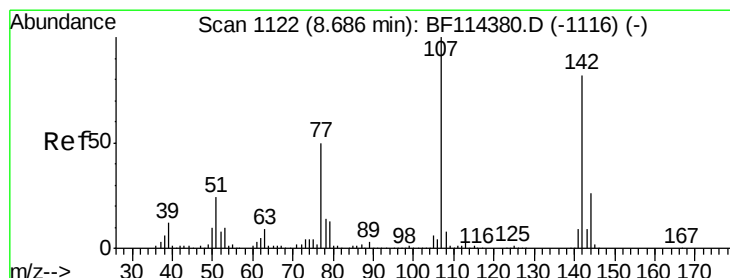
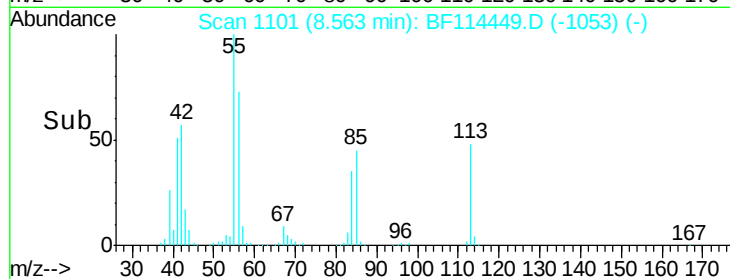
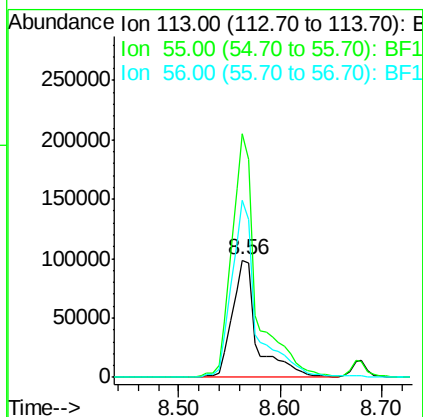
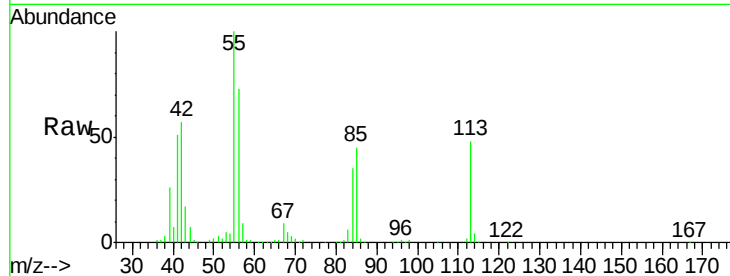
#35
 Caprolactam
 Concen: 43.180 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.5	183.5	223.5
56	151.4	128.8	168.8

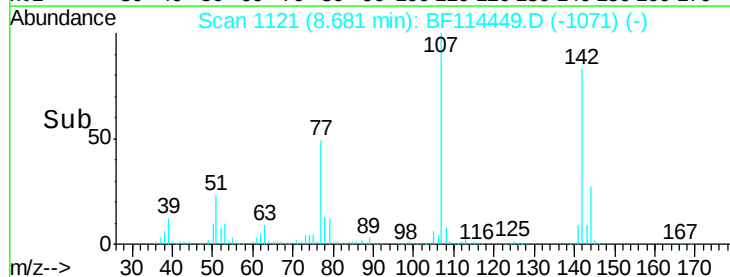
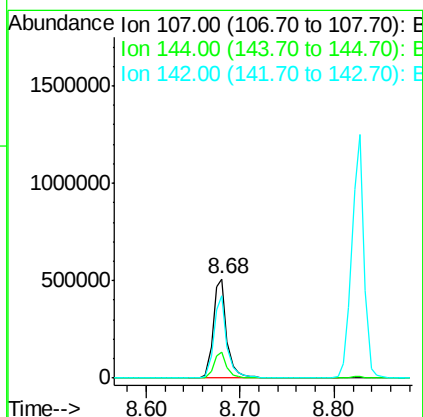
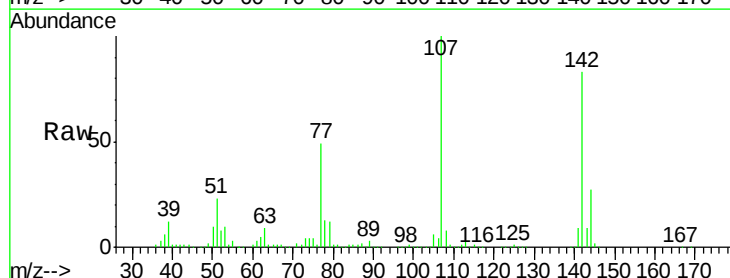
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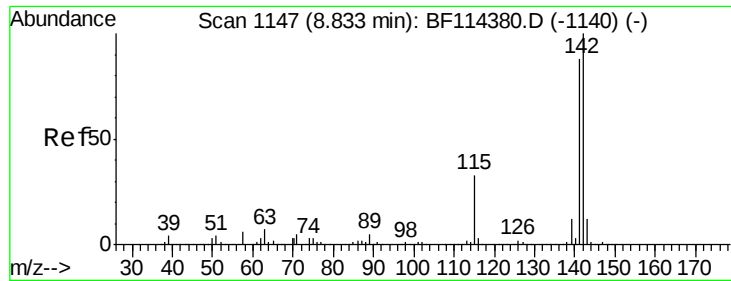
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#36
 4-Chloro-3-methylphenol
 Concen: 43.337 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.4	30.6
142	82.5	64.2	96.4





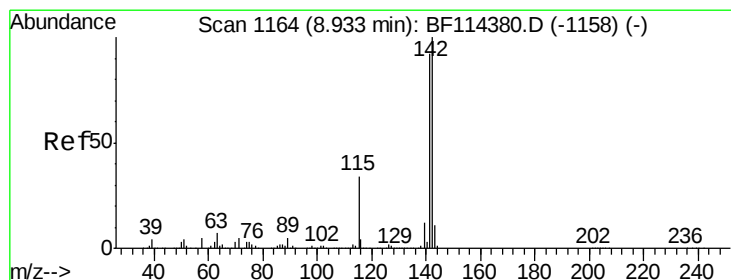
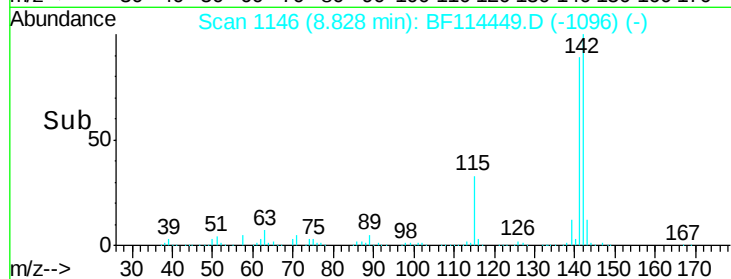
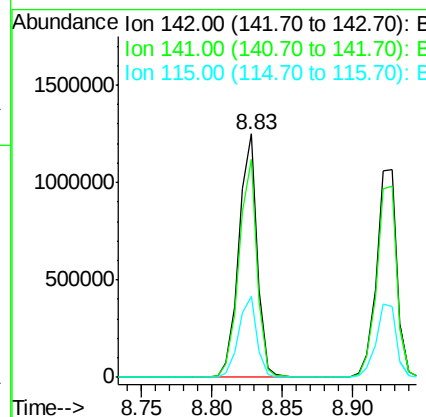
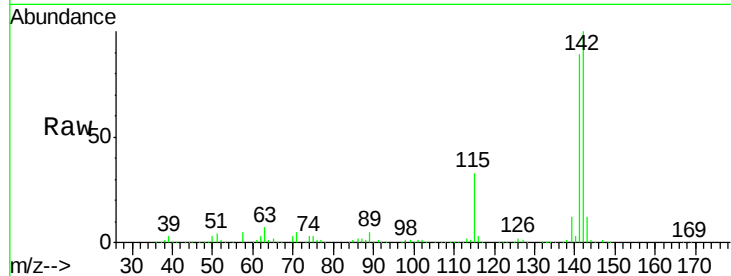
#37
2-Methylnaphthalene
Concen: 42.589 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1125866
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1
115 33.2 28.0 42.0

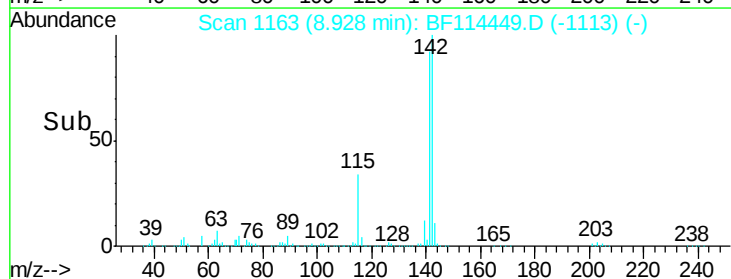
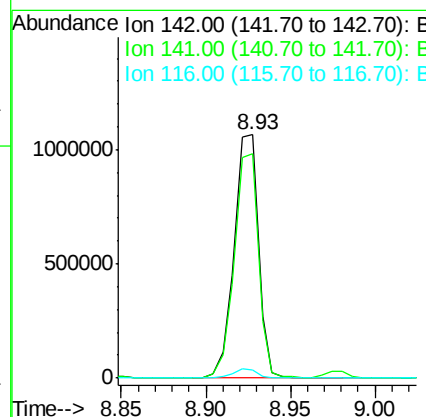
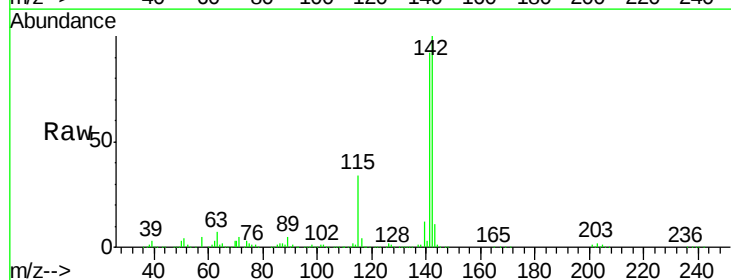
Manual Integrations
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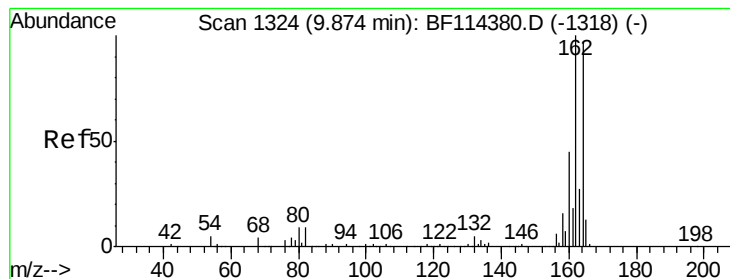
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#38
1-Methylnaphthalene
Concen: 42.738 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion:142 Resp: 1063973
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0
116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

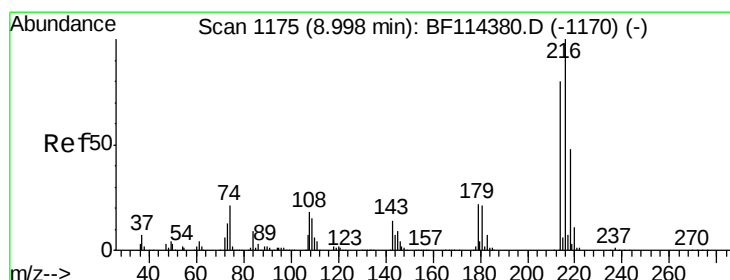
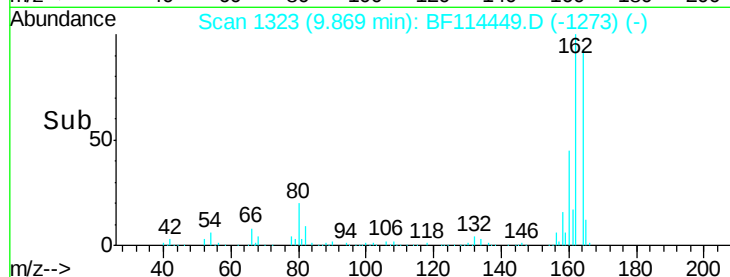
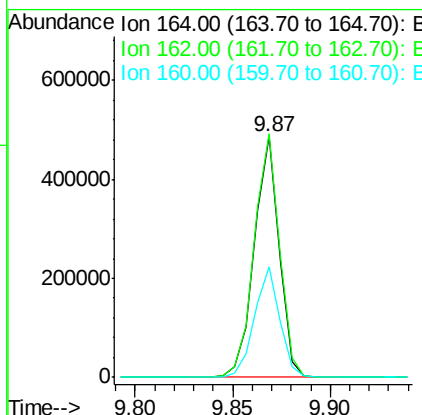
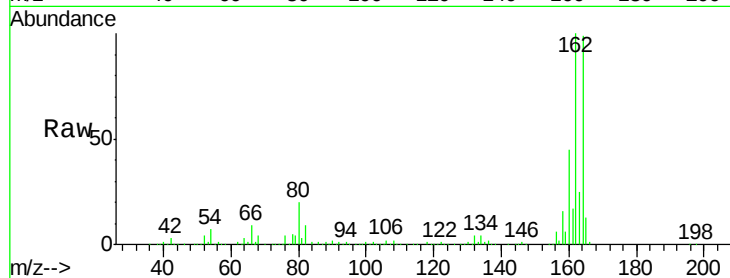
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	429609
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	120.8
160	45.8	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.413 ng

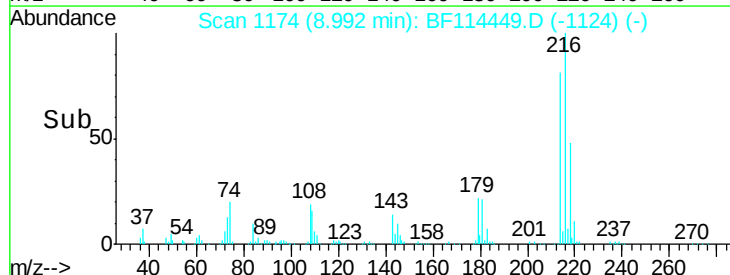
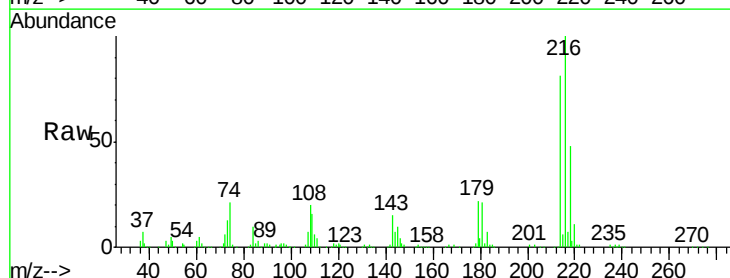
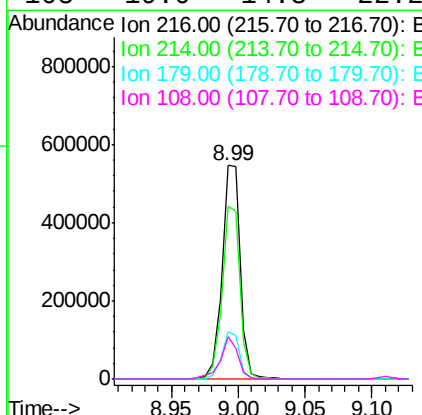
RT: 8.99 min Scan# 1174

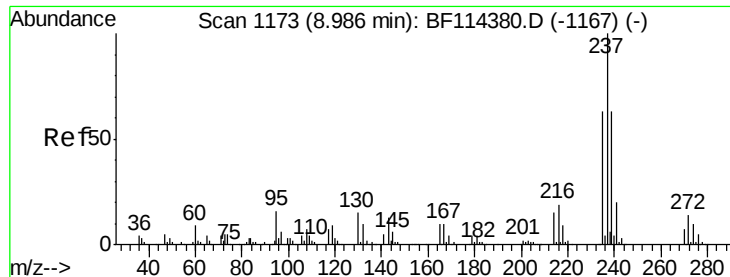
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	216	Resp:	525931
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.9	95.9
179	21.2	17.0	25.6
108	19.0	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 37.591 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

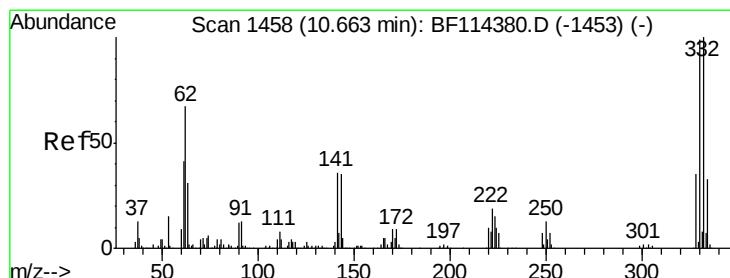
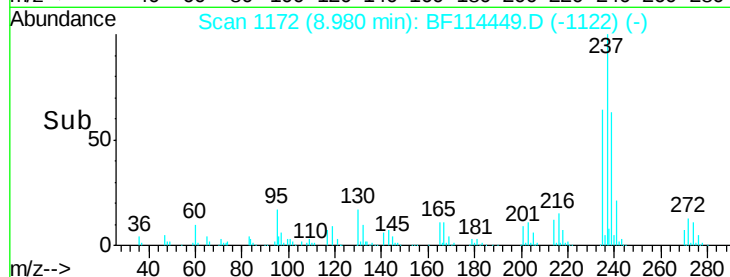
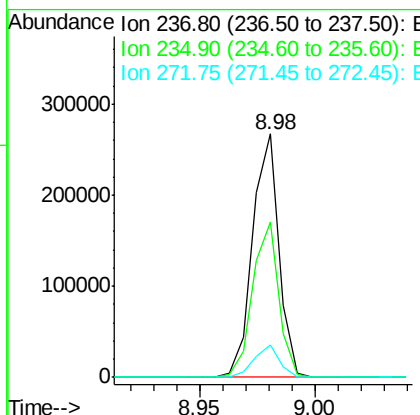
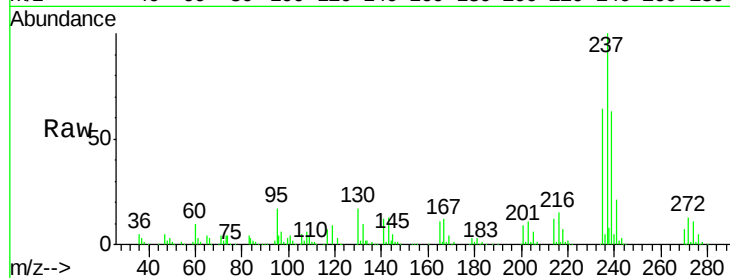
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	213218
Ion Ratio	Lower	Upper	
237	100		
235	64.0	42.0	82.0
272	13.4	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 77.540 ng

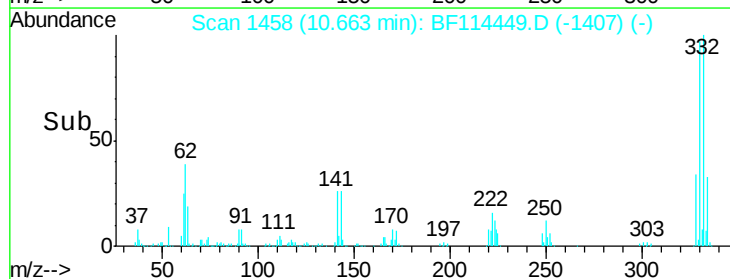
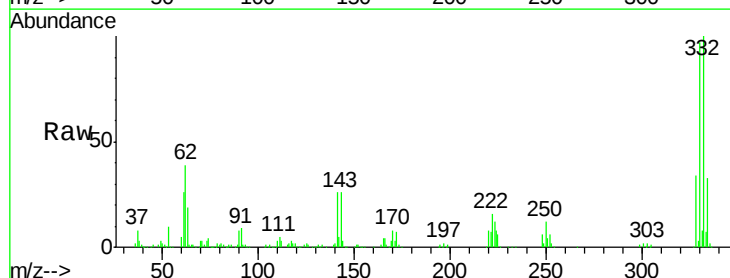
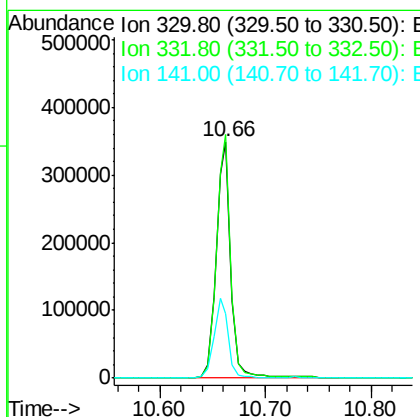
RT: 10.66 min Scan# 1458

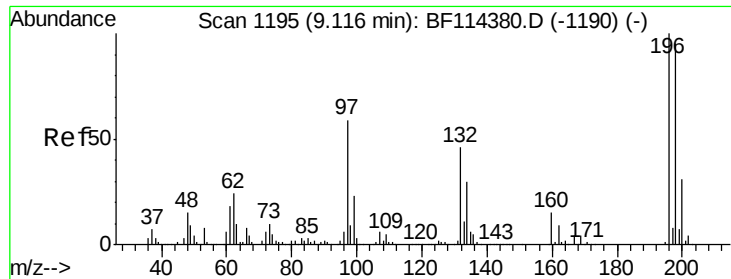
Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	330	Resp:	344391
Ion Ratio	Lower	Upper	
330	100		
332	101.5	81.4	122.2
141	33.2	26.6	40.0





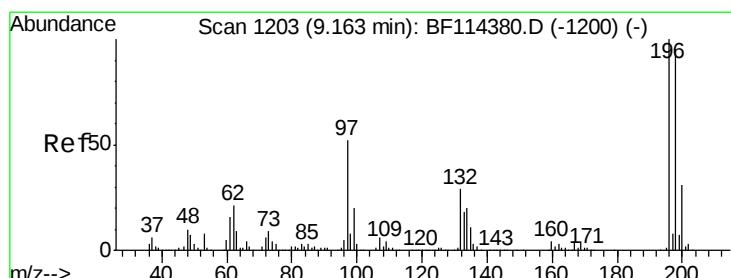
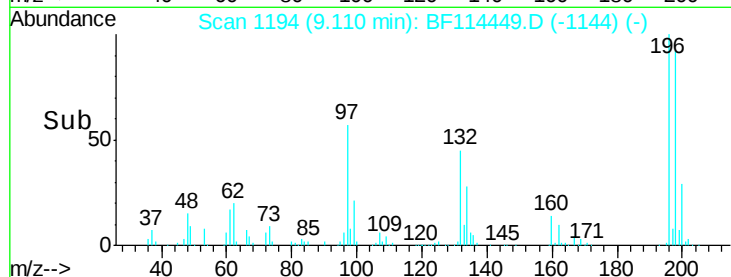
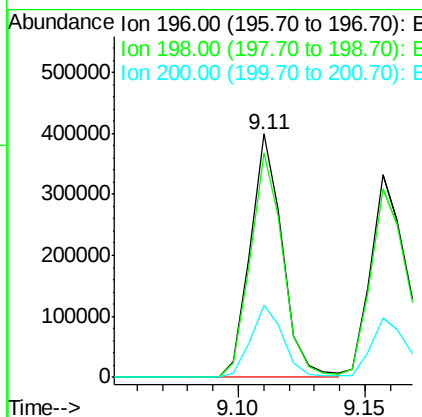
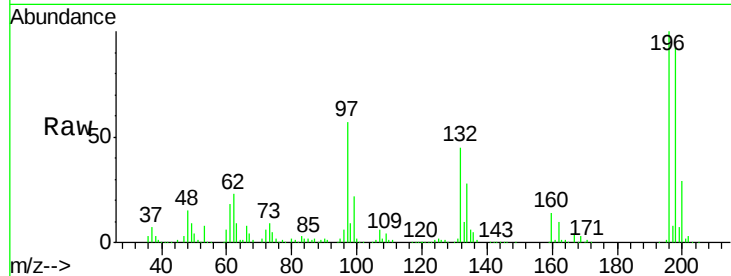
#43
 2,4,6-Trichlorophenol
 Concen: 39.282 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	351625		
198	92.3	75.9	113.9	
200	29.4	23.5	35.3	

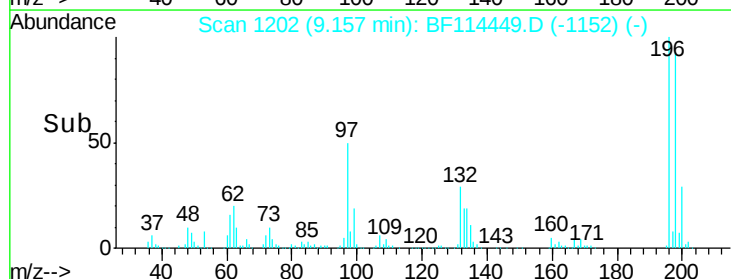
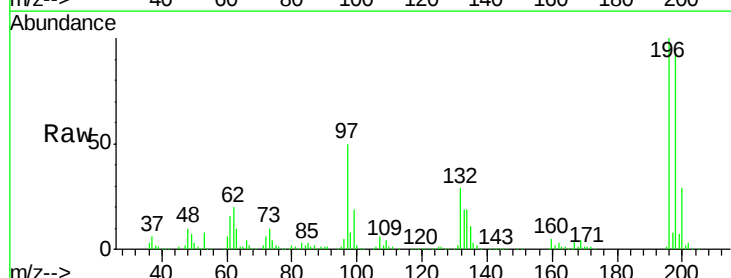
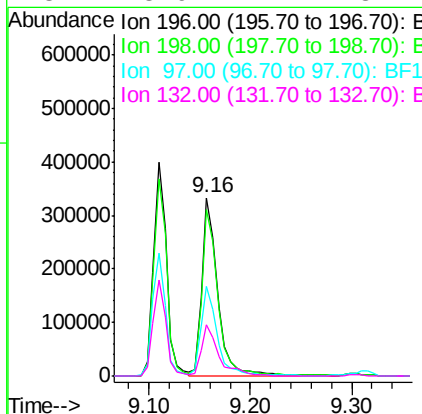
Manual Integrations
 APPROVED

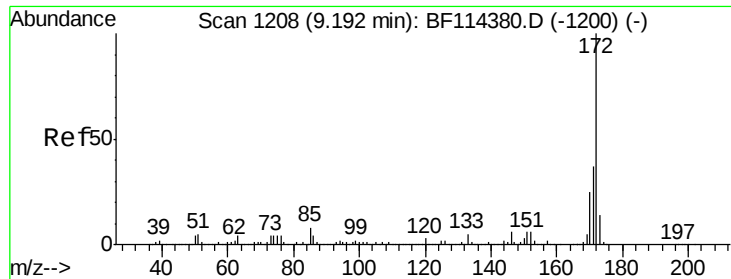
Sohil
 5/23/2019 8:15:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.201 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	359859		
198	93.1	77.7	116.5	
97	50.5	38.2	57.2	
132	28.9	21.4	32.2	





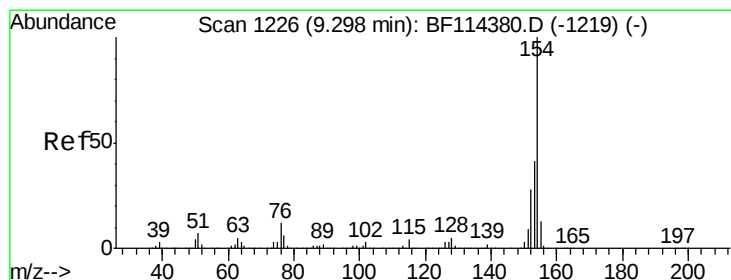
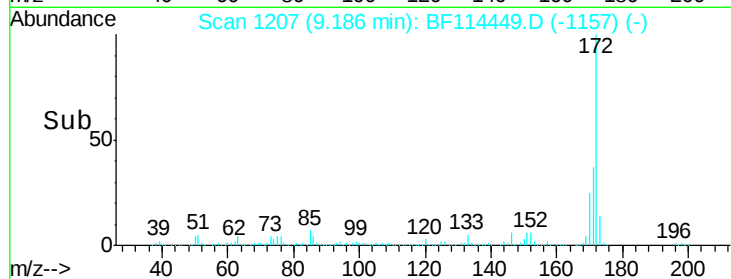
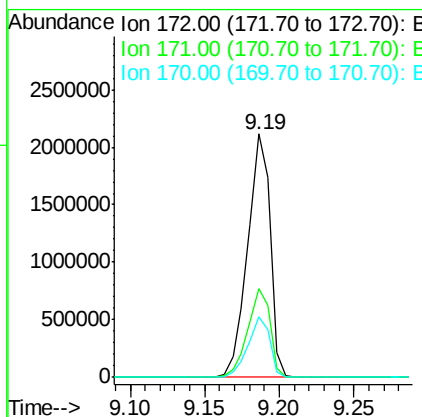
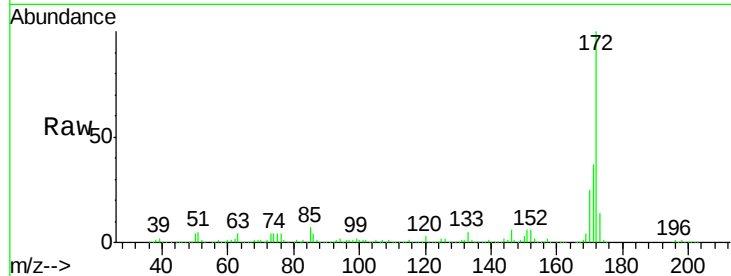
#45
2-Fluorobiphenyl
Concen: 77.483 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2200586
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.7 20.5 30.7

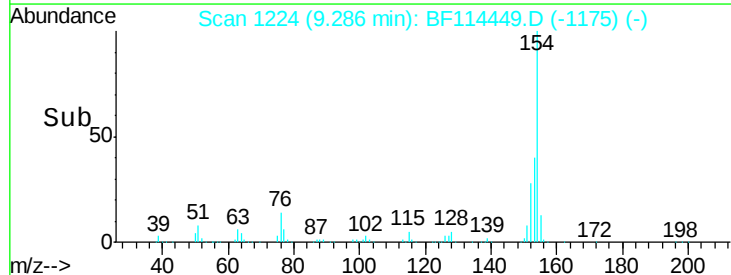
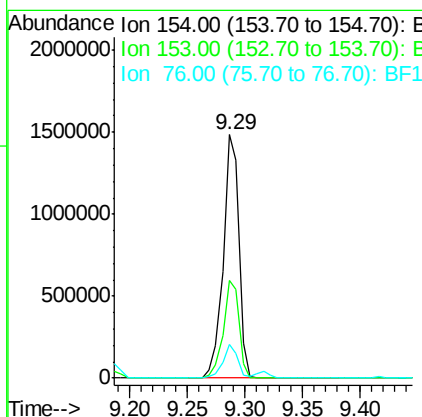
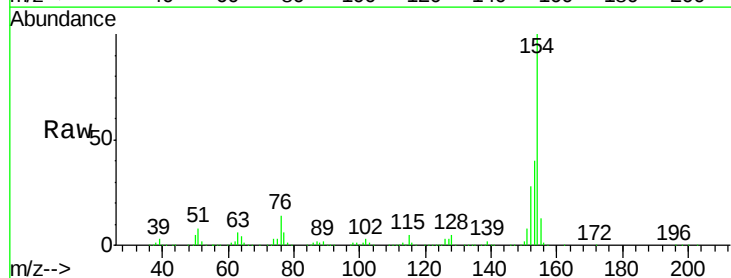
Manual Integrations
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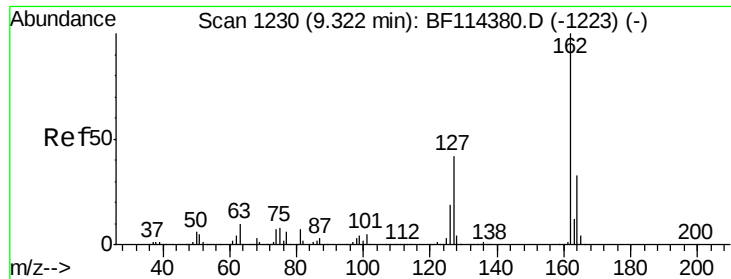
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#46
1,1'-Biphenyl
Concen: 40.320 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion:154 Resp: 1399354
Ion Ratio Lower Upper
154 100
153 40.1 21.9 61.9
76 13.6 0.0 32.8





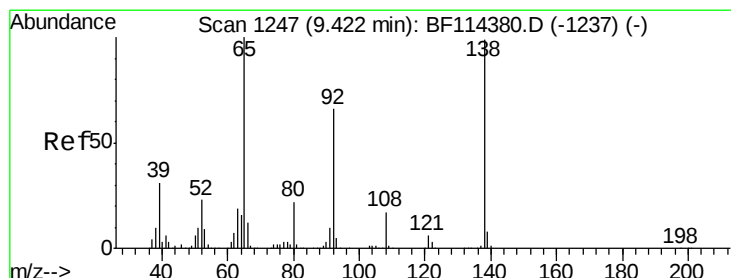
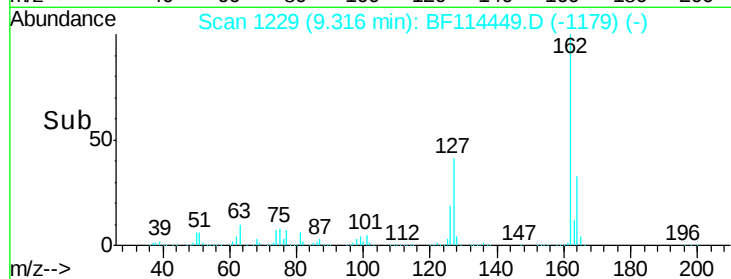
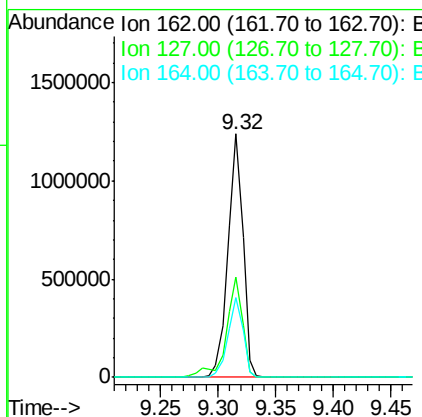
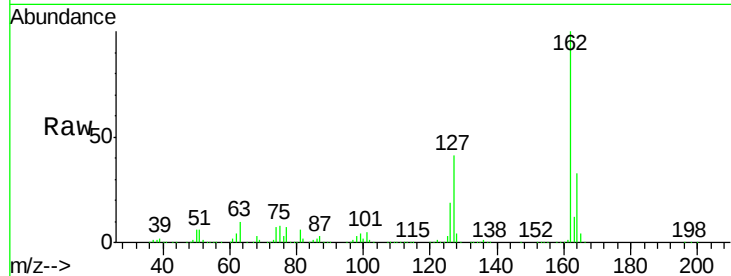
#47
 2-Chloronaphthalene
 Concen: 39.941 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	32.9	26.7	40.1

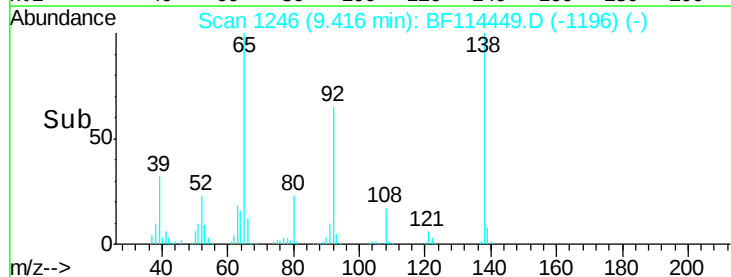
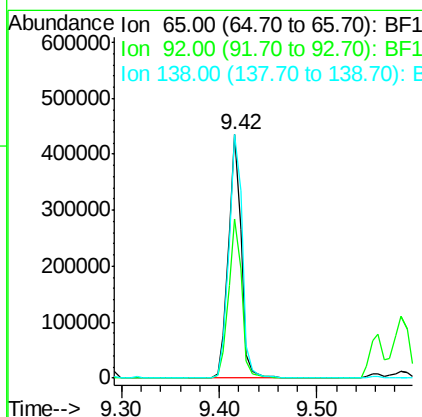
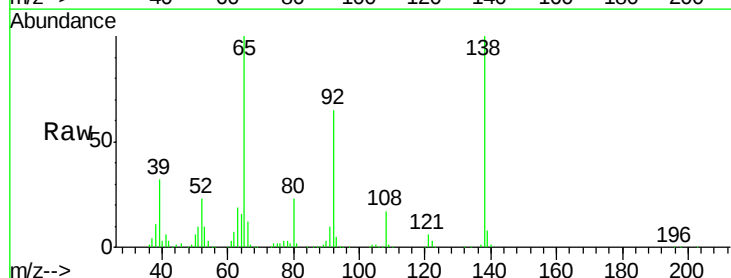
Manual Integrations
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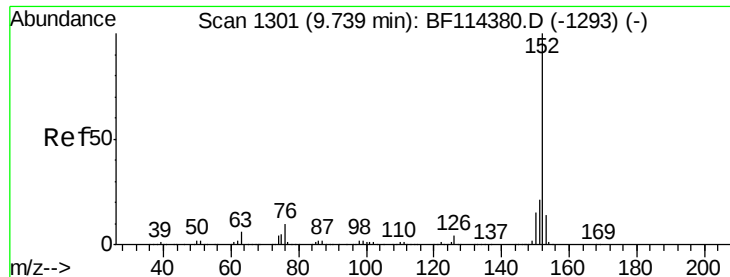
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#48
 2-Nitroaniline
 Concen: 39.938 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.6	53.9	80.9
138	100.2	81.4	122.0





#49

Acenaphthylene

Concen: 39.640 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1684002

Ion Ratio Lower Upper

152 100

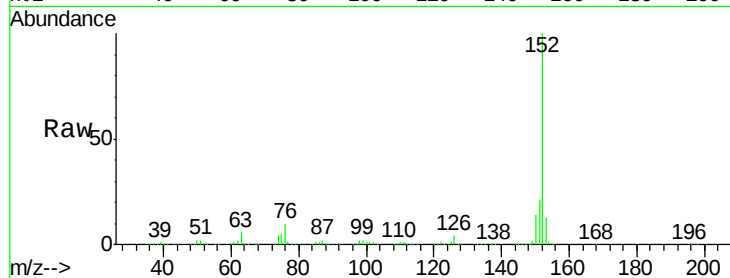
151 20.5 16.8 25.2

153 13.3 11.4 17.2

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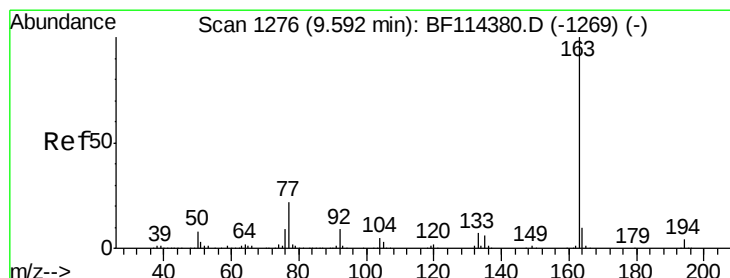
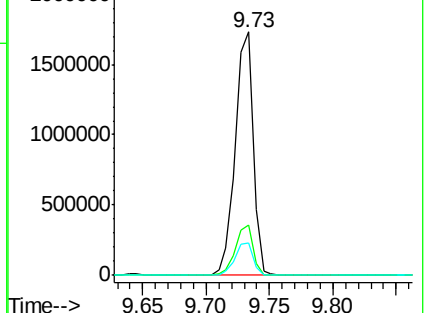
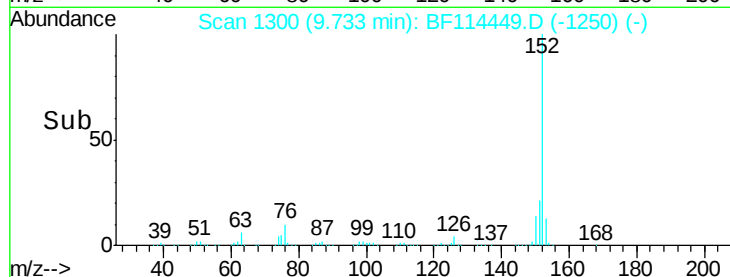
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.366 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

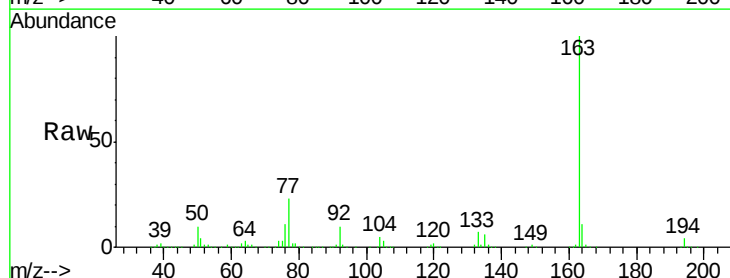
Tgt Ion:163 Resp: 1304582

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

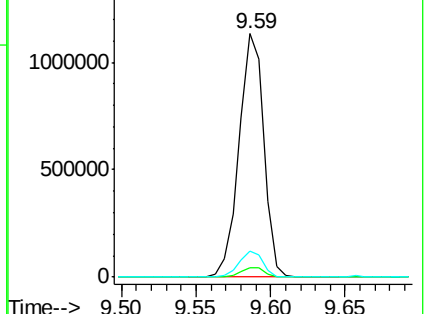
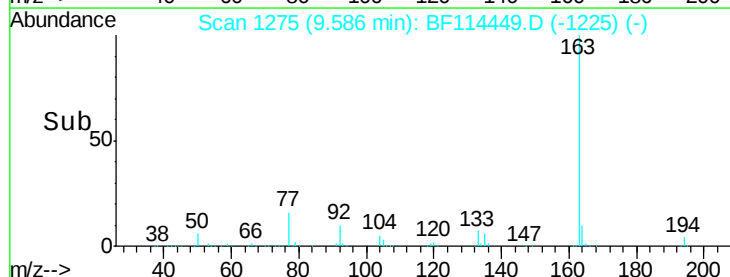
164 10.6 8.2 12.2

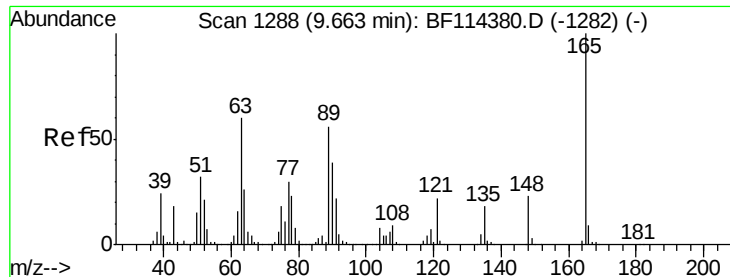


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.372 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

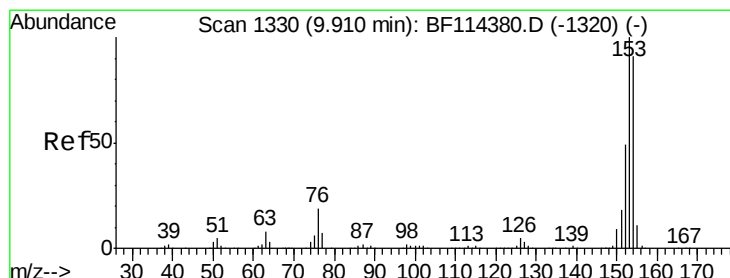
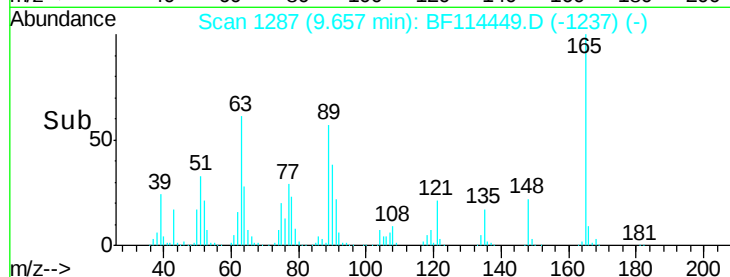
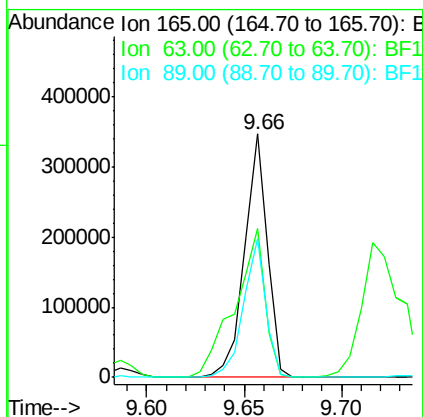
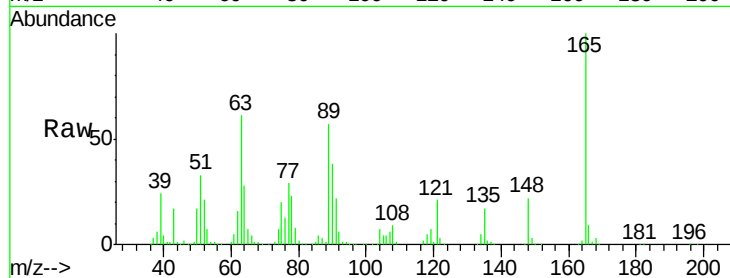
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	282400
Ion Ratio	Lower	Upper	
165	100		
63	60.9	50.2	75.4
89	57.0	46.6	69.8

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#52

Acenaphthene

Concen: 38.832 ng

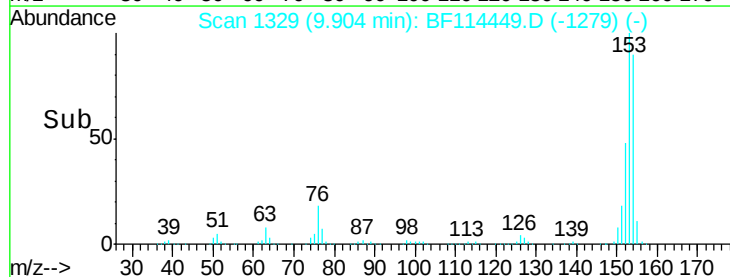
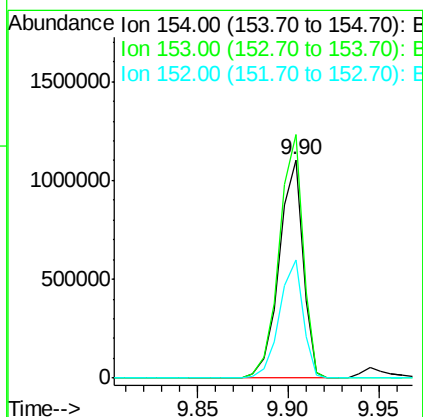
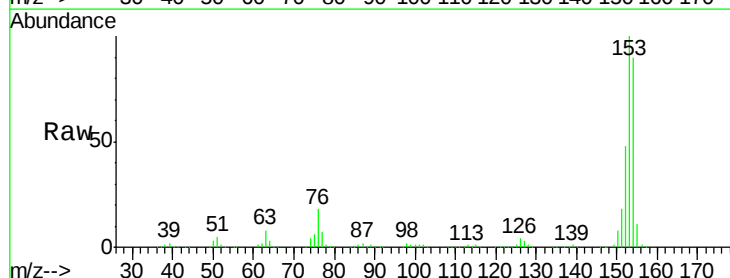
RT: 9.90 min Scan# 1329

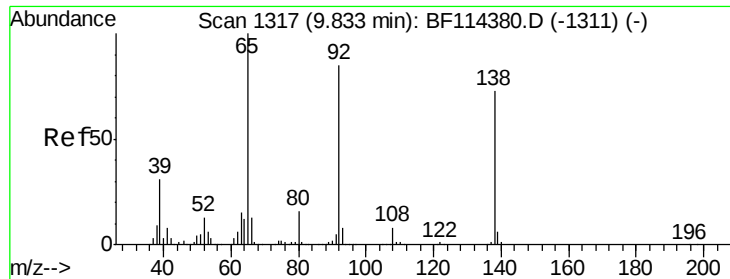
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	154	Resp:	1012305
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.5	135.7
152	53.9	43.4	65.2





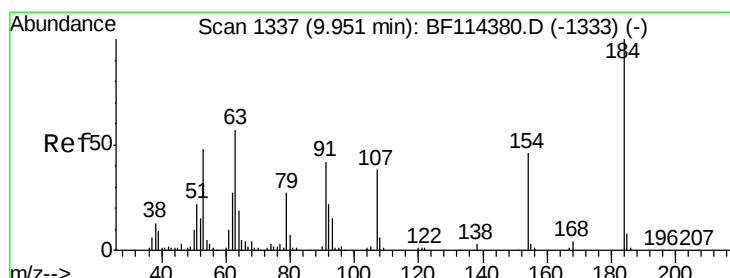
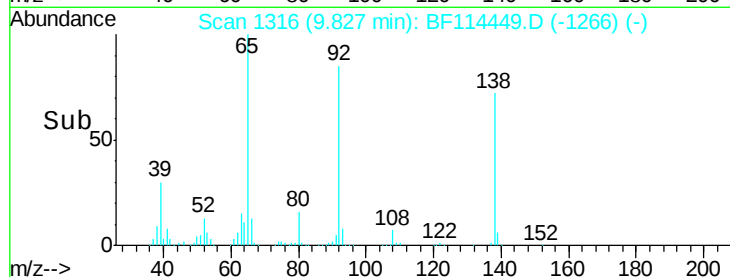
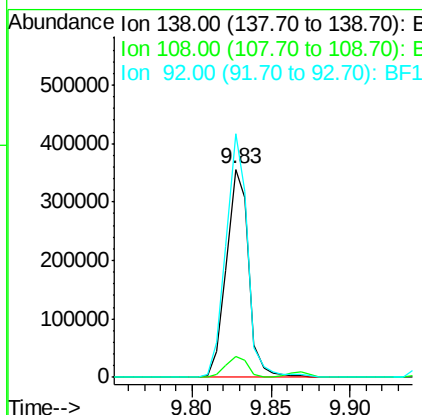
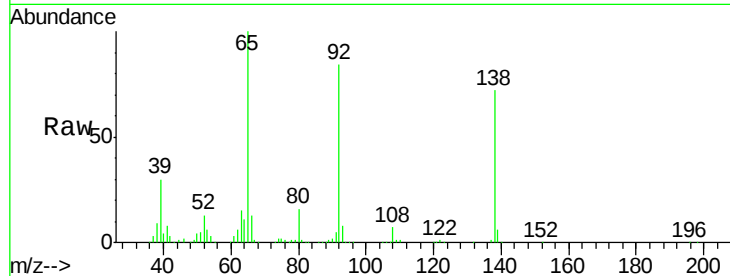
#53
3-Nitroaniline
Concen: 40.162 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	348729		
108	9.8	7.8	11.6	
92	117.2	91.2	136.8	

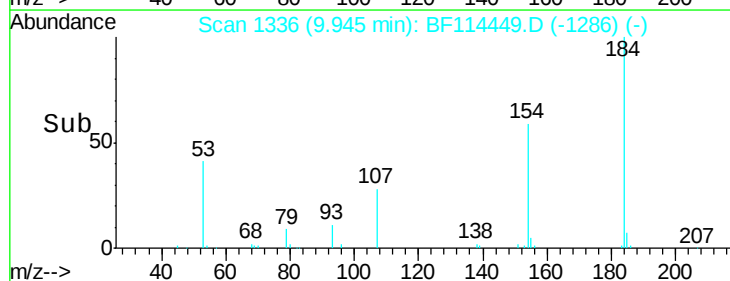
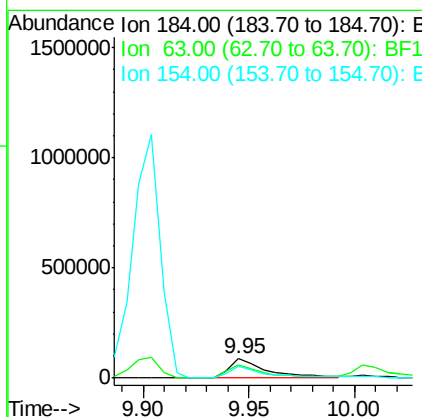
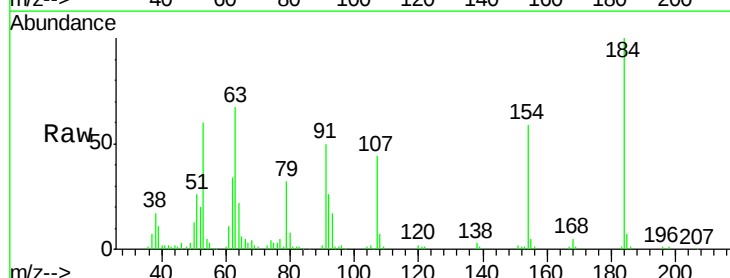
Manual Integrations
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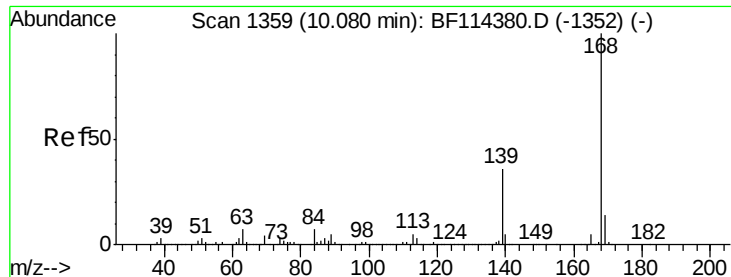
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#54
2,4-Dinitrophenol
Concen: 35.054 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	108739		
63	67.2	55.6	83.4	
154	59.1	46.0	69.0	





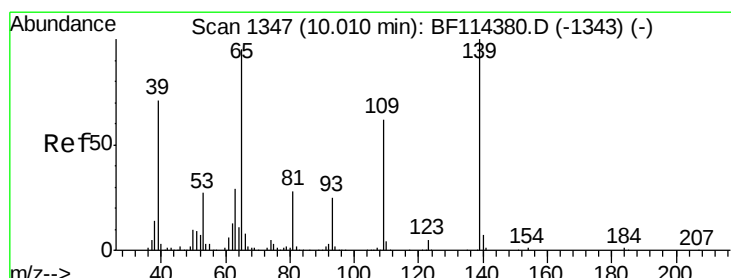
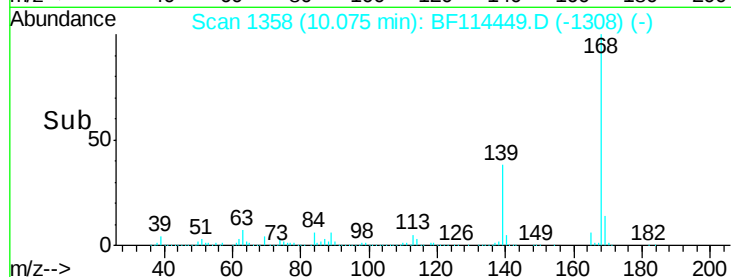
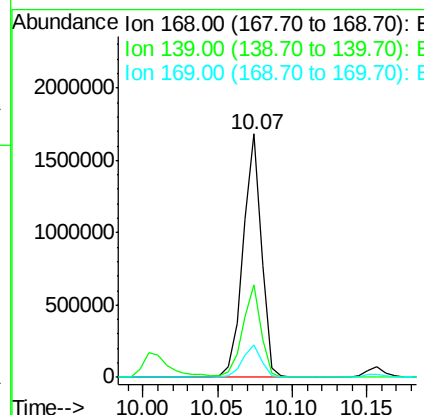
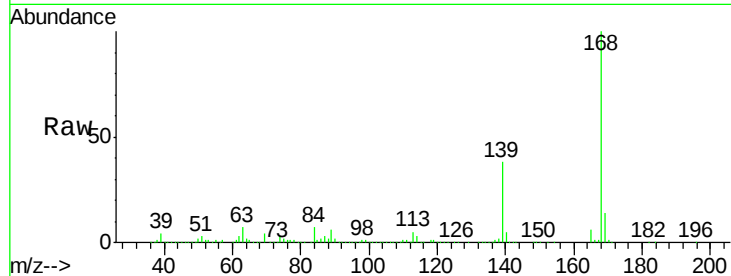
#55
Dibenzenofuran
Concen: 37.770 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1443785
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.5 11.4 17.0

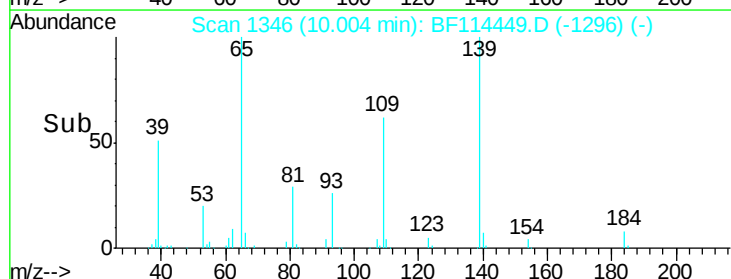
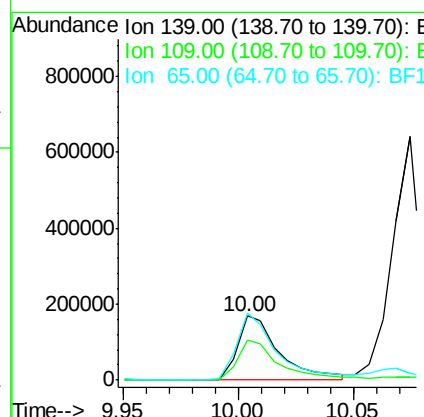
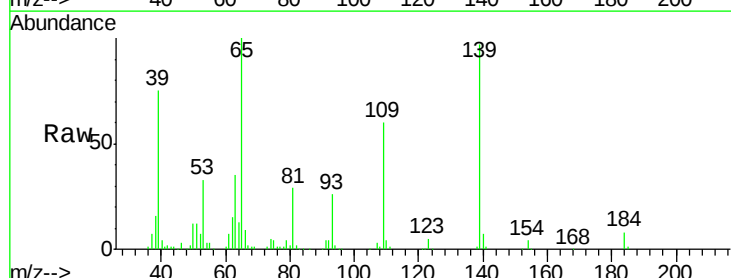
Manual Integrations
APPROVED

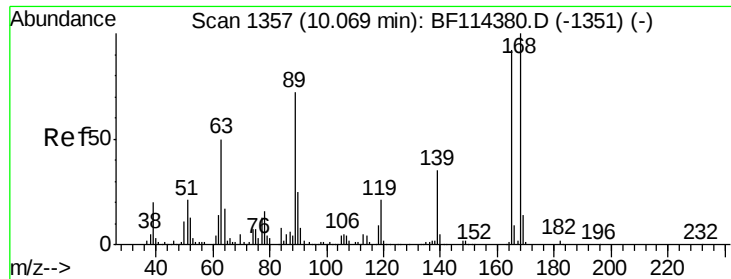
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#56
4-Nitrophenol
Concen: 34.518 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion:139 Resp: 211964
Ion Ratio Lower Upper
139 100
109 62.5 43.9 83.9
65 103.6 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 37.140 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

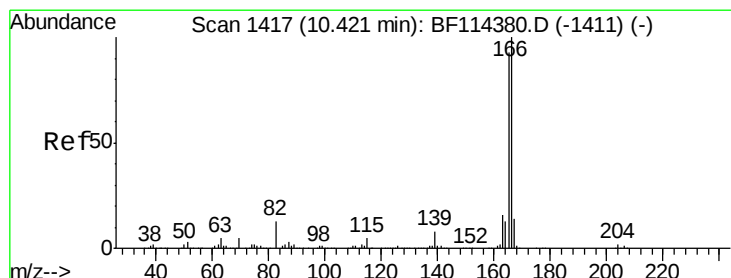
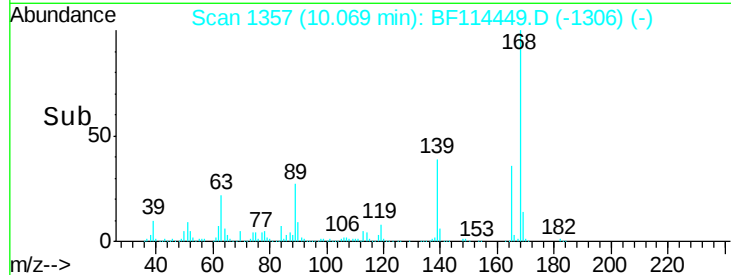
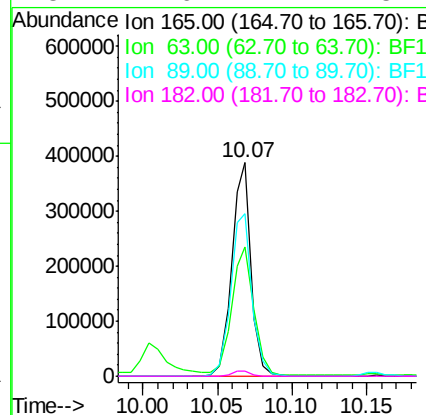
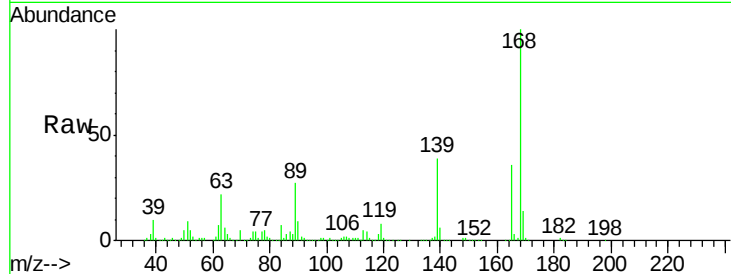
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	352615		
63	60.8	35.5	53.3#	
89	76.0	55.2	82.8	
182	2.6	2.2	3.2	

Manual Integrations
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#58

Fluorene

Concen: 40.053 ng

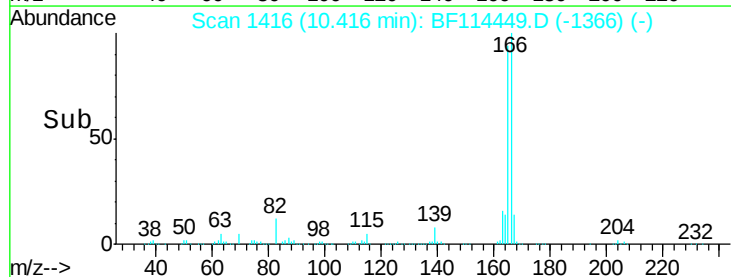
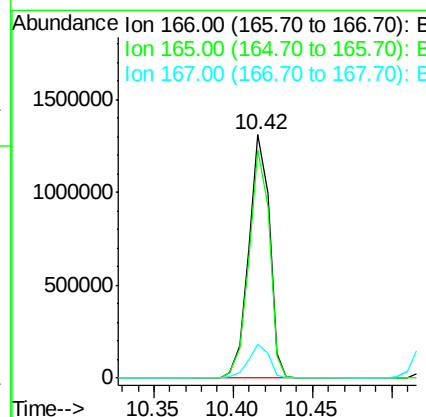
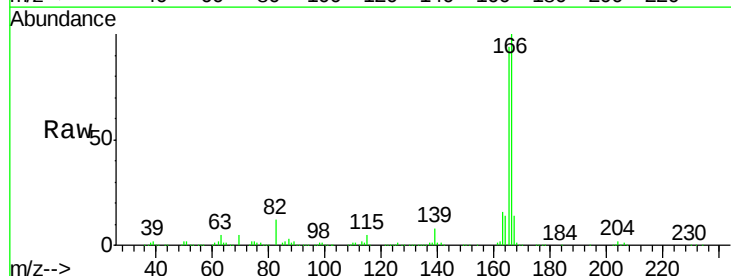
RT: 10.42 min Scan# 1416

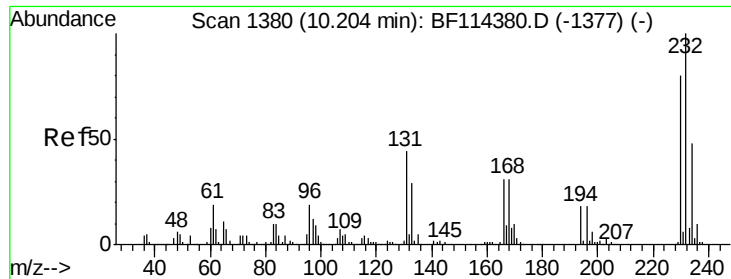
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1182615		
165	93.7	76.1	114.1	
167	14.0	11.1	16.7	





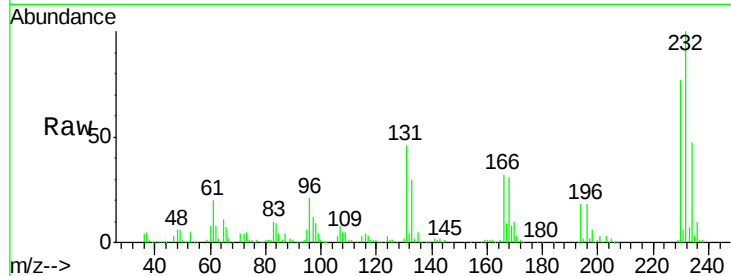
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.402 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

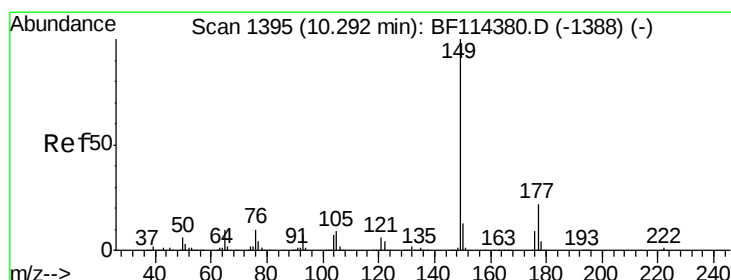
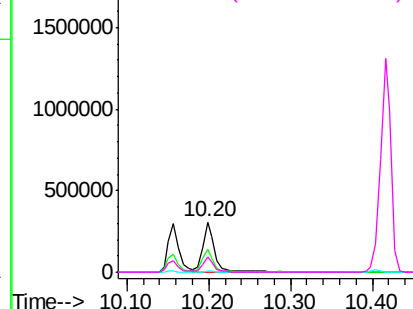
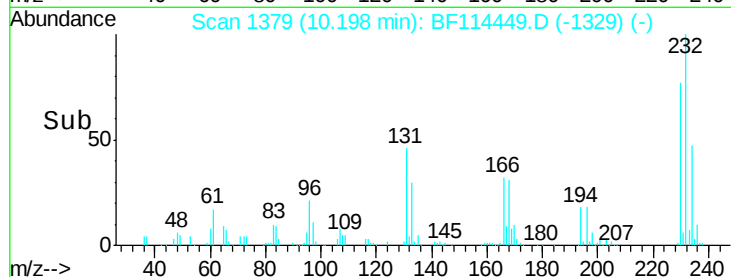
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	312099		
131	43.0		35.6	53.4
130	2.1		1.6	2.4
166	28.8		24.1	36.1

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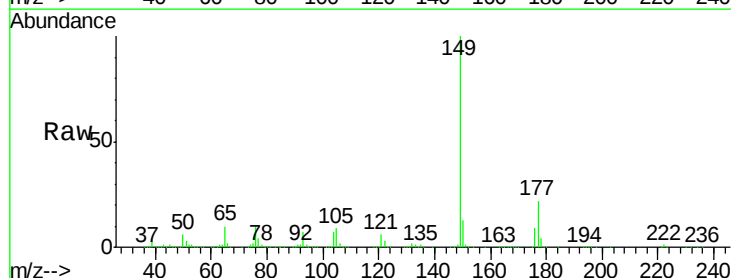


Abundance Ion 232.00 (231.70 to 232.70): E
 2000000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

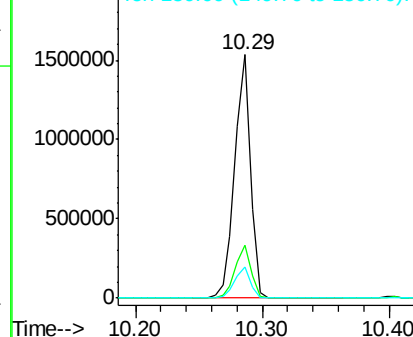
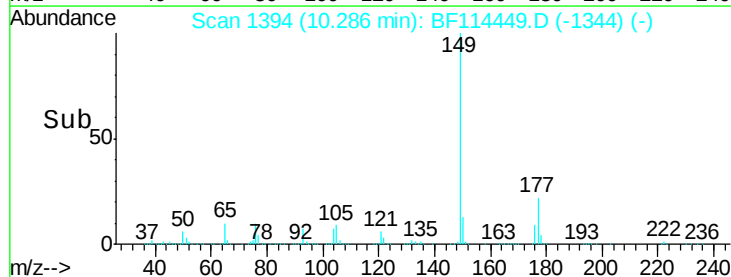


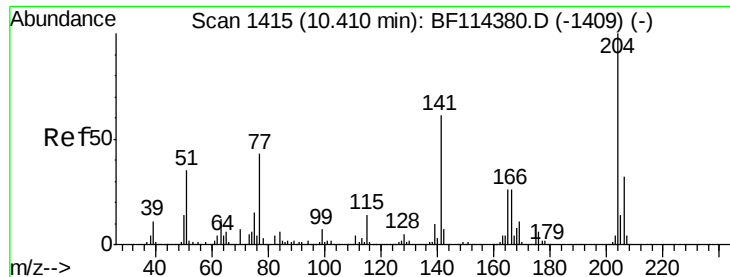
#60
 Diethylphthalate
 Concen: 40.941 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1311897		
177	21.7		17.8	26.6
150	12.8		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





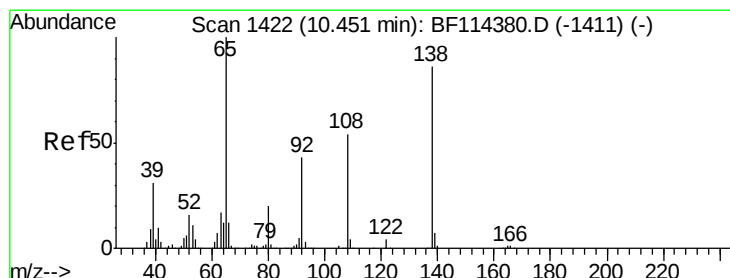
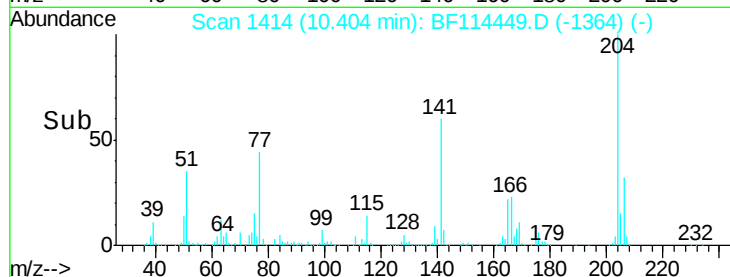
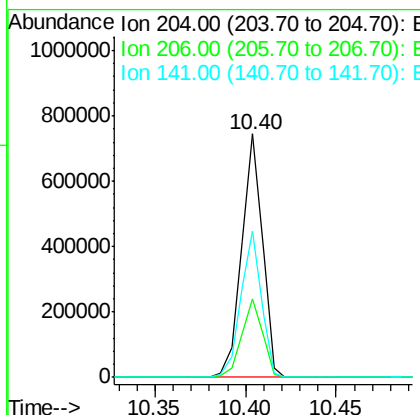
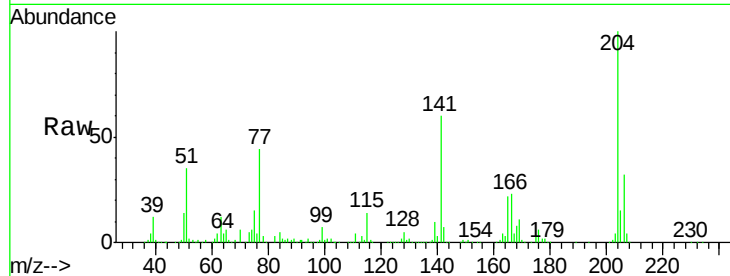
#61
4-Chlorophenyl-phenylether
Concen: 40.787 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	59.9	46.4	69.6

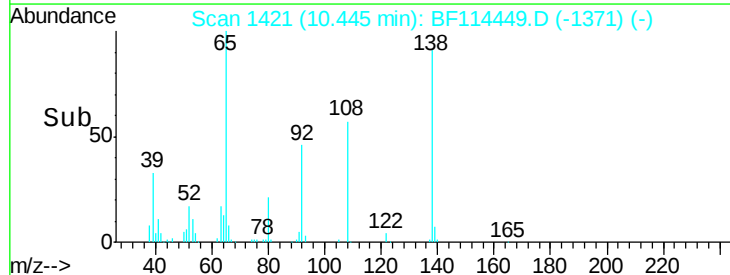
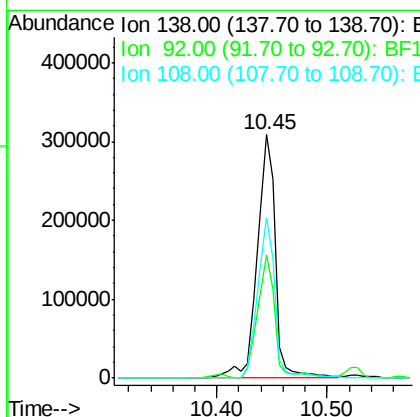
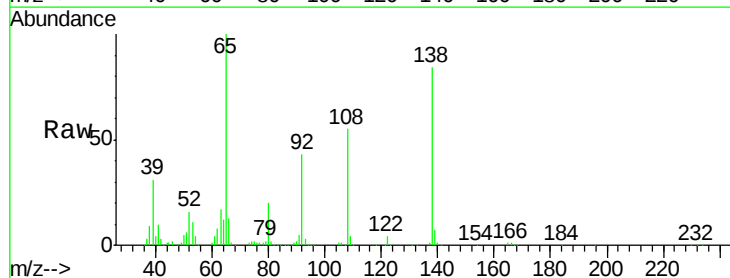
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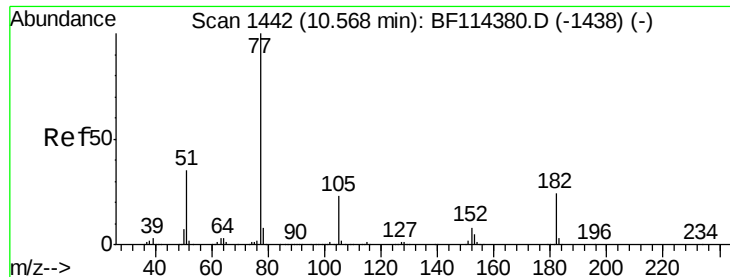
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#62
4-Nitroaniline
Concen: 39.550 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	33.0	73.0
108	65.8	44.9	84.9





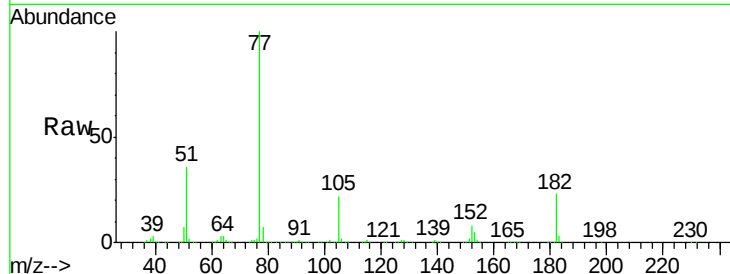
#63
Azobenzene
Concen: 40.170 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

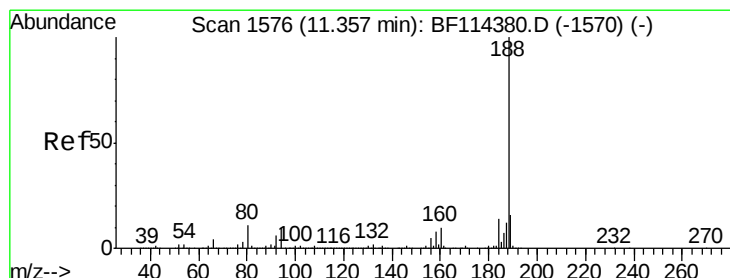
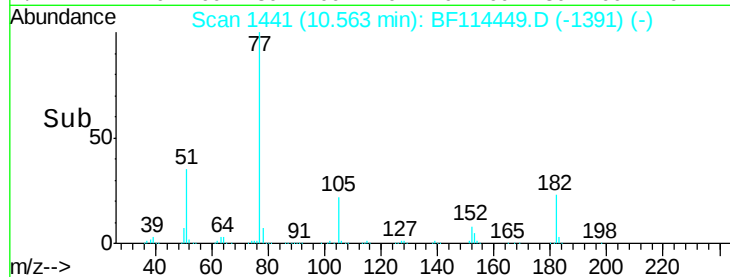
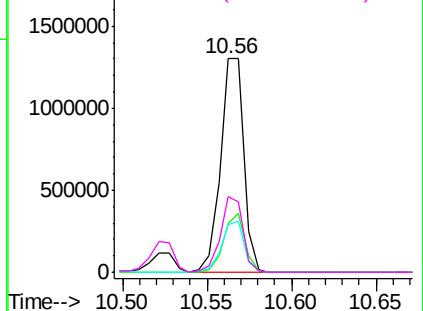
Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	4.7	44.7
105	22.4	2.9	42.9
51	35.6	14.6	54.6

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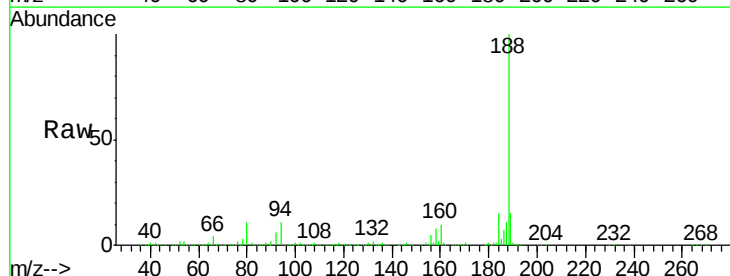


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

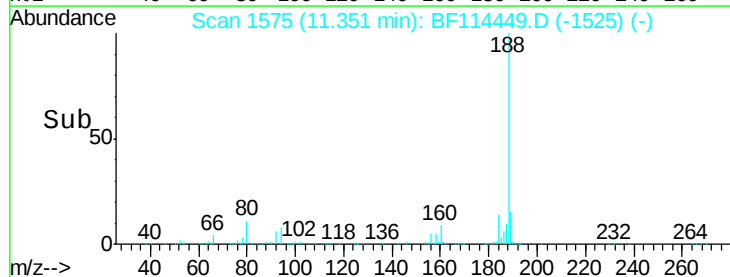
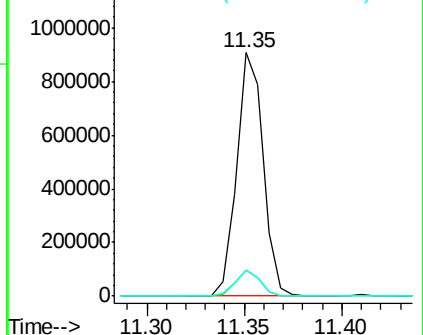


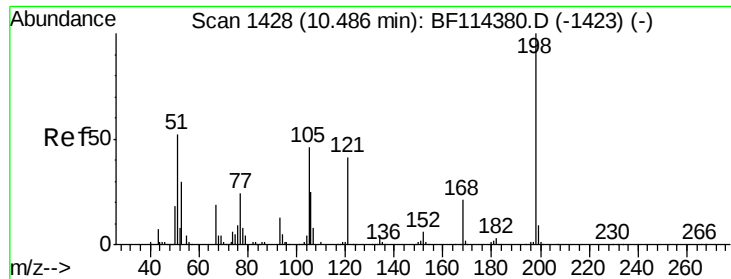
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.4	12.6
80	10.9	9.2	13.8



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





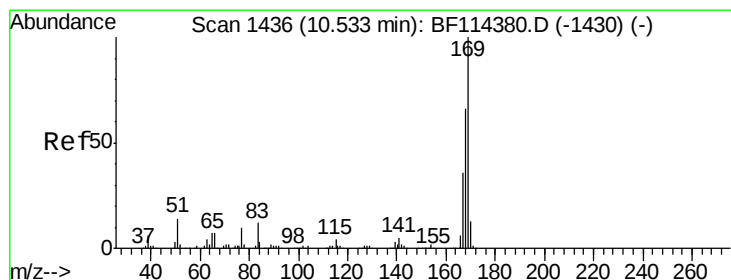
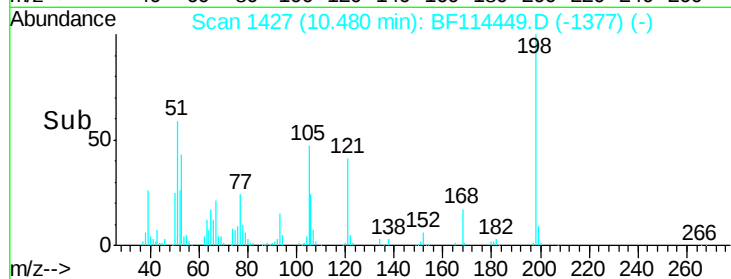
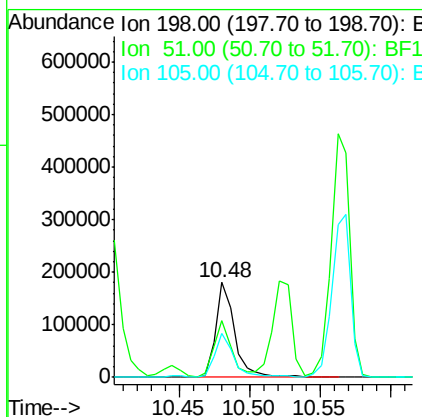
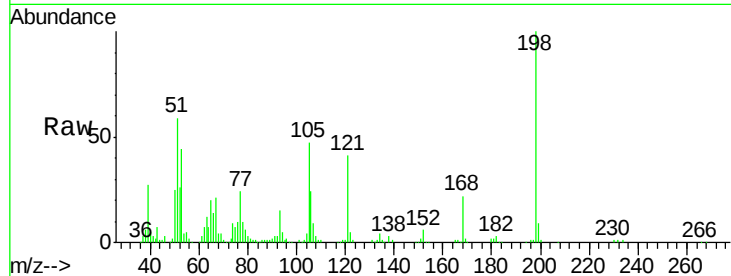
#65
4,6-Dinitro-2-methylphenol
Concen: 41.591 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	169877		
51	59.1	28.0	68.0	
105	46.9	21.1	61.1	

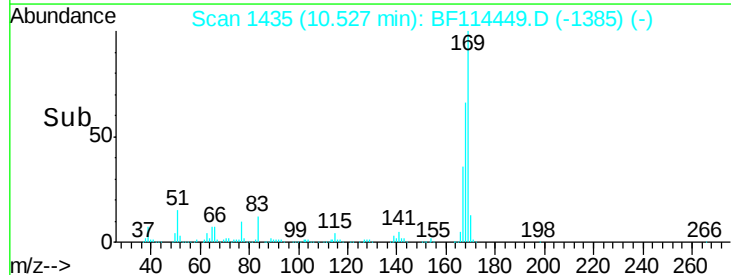
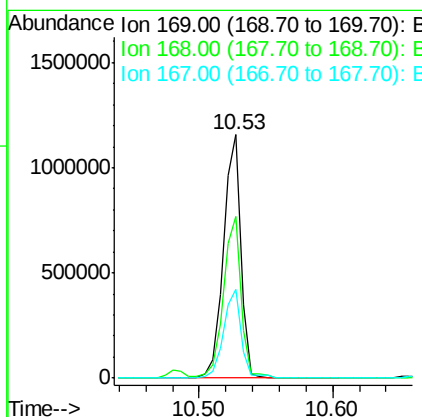
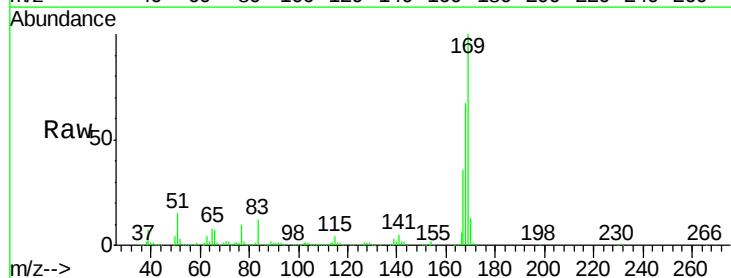
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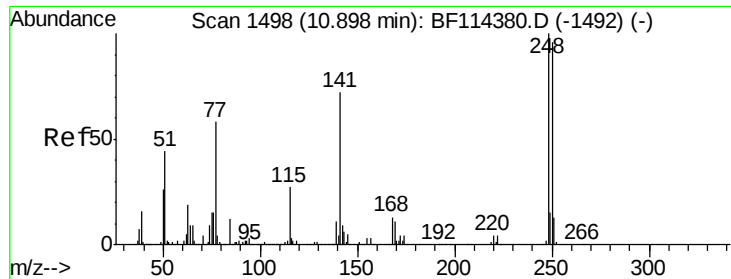
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#66
n-Nitrosodiphenylamine
Concen: 41.032 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1058555		
168	66.6	54.2	81.2	
167	36.5	29.8	44.8	





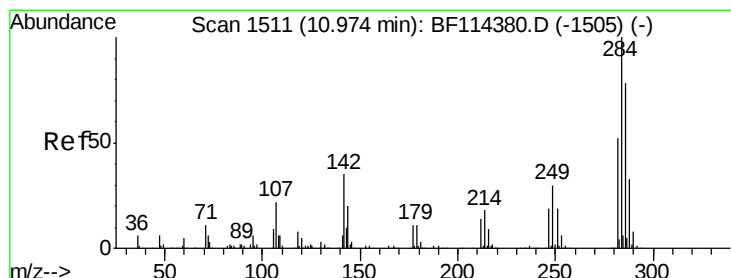
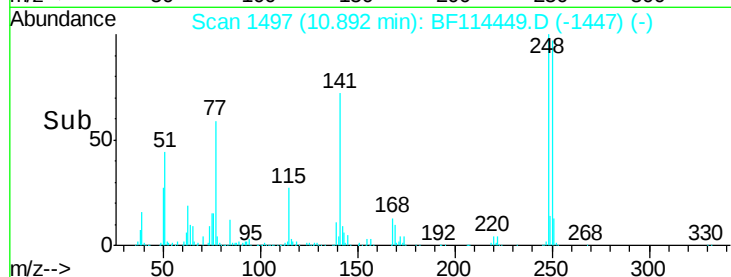
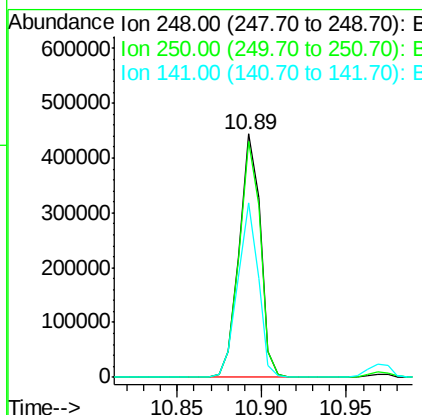
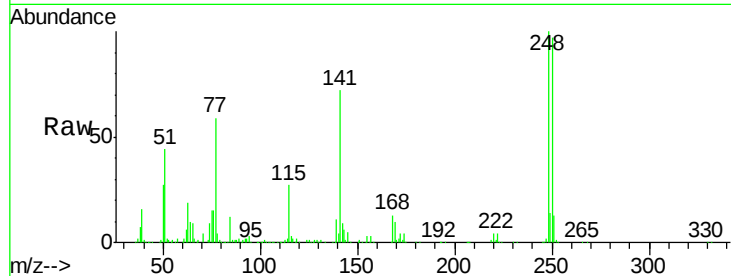
#67
 4-Bromophenyl-phenylether
 Concen: 41.492 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.2
141	71.8	55.6	83.4

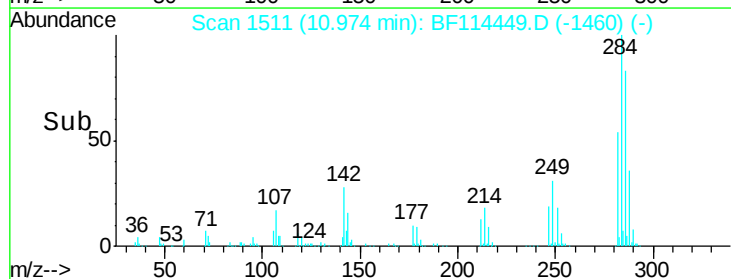
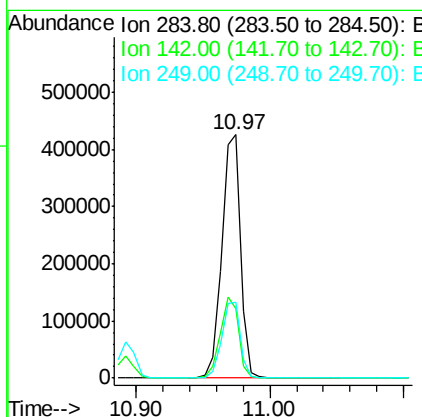
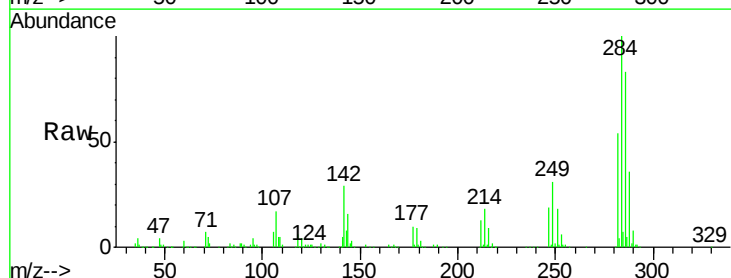
Manual Integrations
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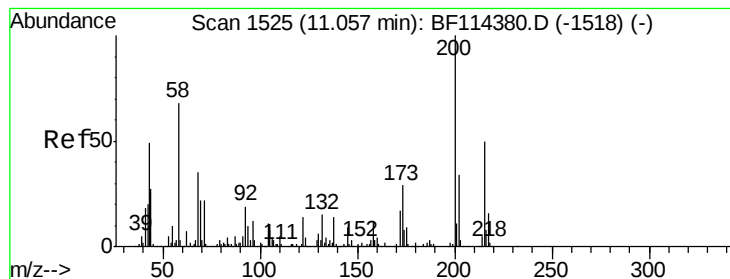
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#68
 Hexachlorobenzene
 Concen: 40.784 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	28.4	42.6
249	31.0	25.2	37.8





#69

Atrazine

Concen: 40.296 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

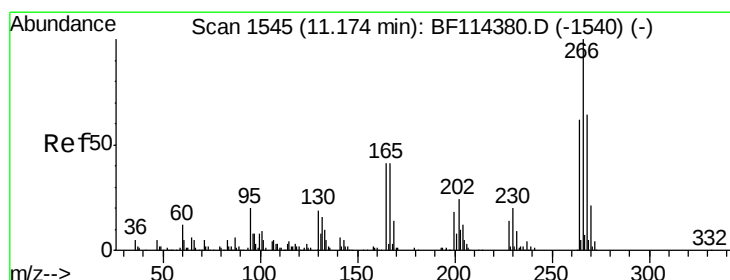
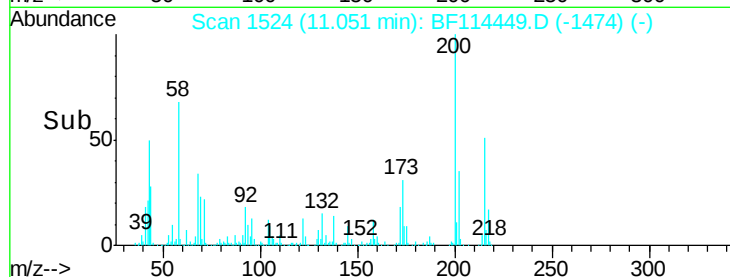
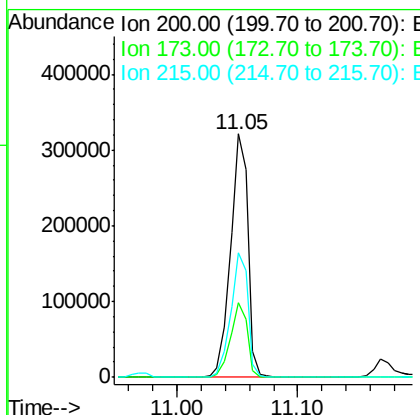
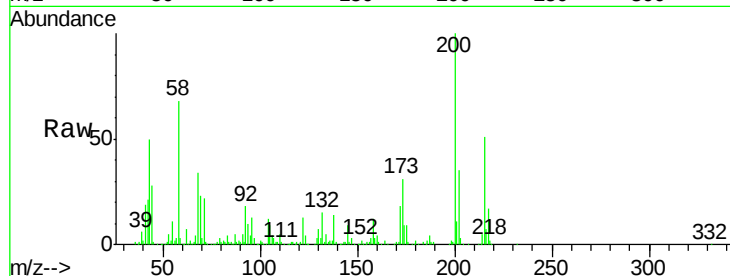
ClientSampleId :

SSTDCCC040

Tgt Ion:	200	Resp:	323510
Ion Ratio	Lower	Upper	
200	100		
173	30.5	8.9	48.9
215	51.1	30.7	70.7

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#70

Pentachlorophenol

Concen: 37.485 ng

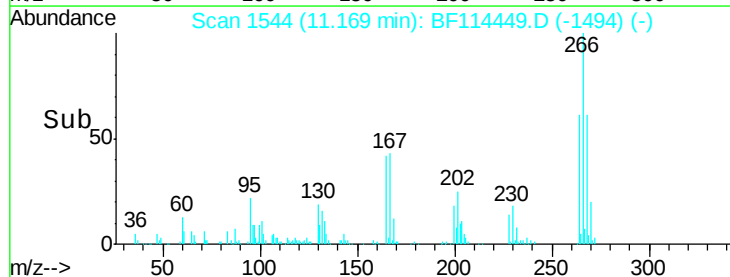
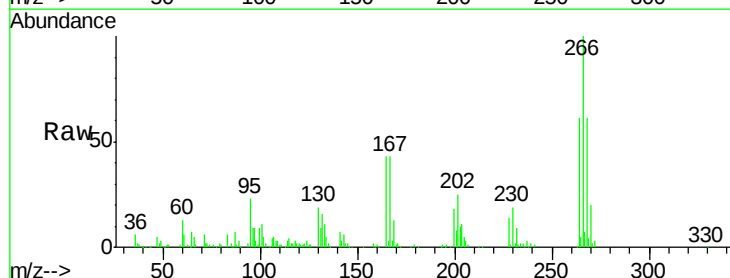
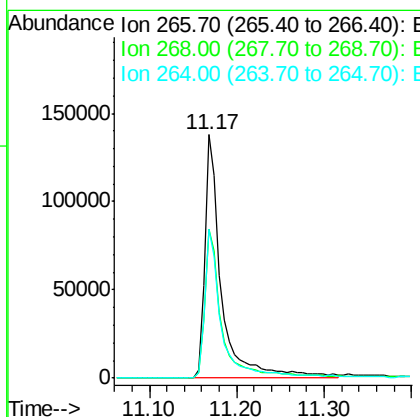
RT: 11.17 min Scan# 1544

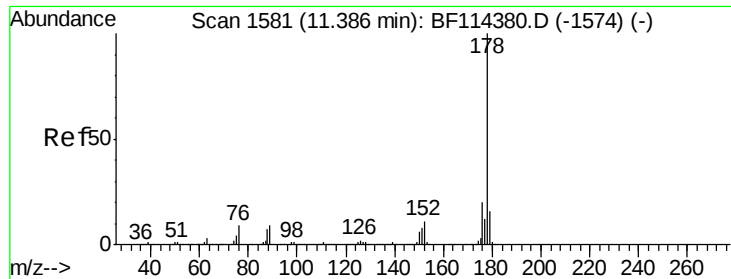
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	266	Resp:	183981
Ion Ratio	Lower	Upper	
266	100		
268	61.2	51.1	76.7
264	61.4	51.1	76.7





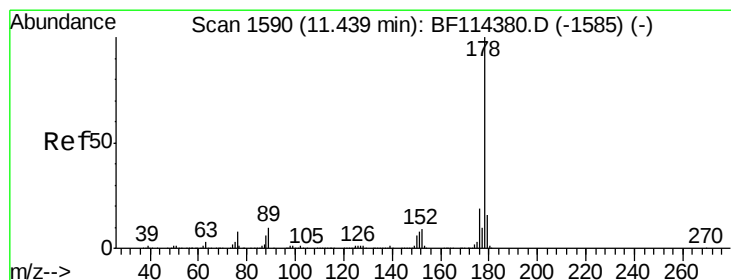
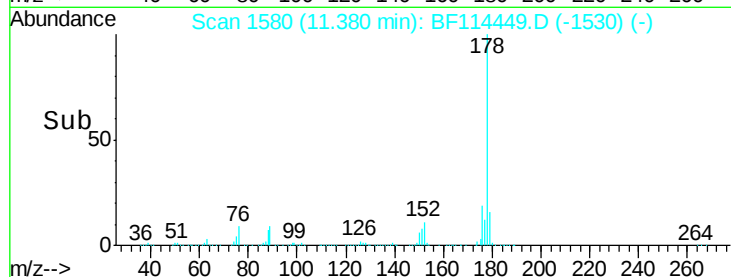
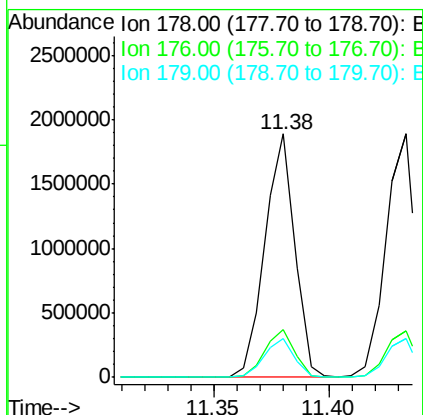
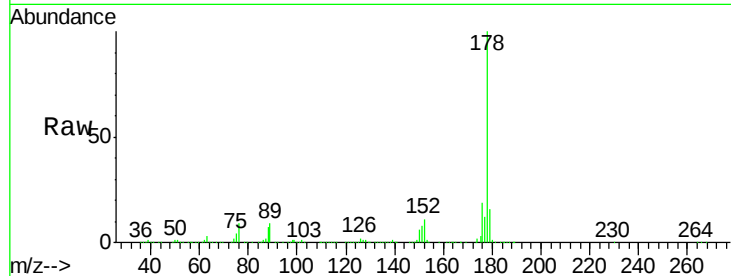
#71
Phenanthrene
Concen: 41.254 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1706045
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 15.8 13.2 19.8

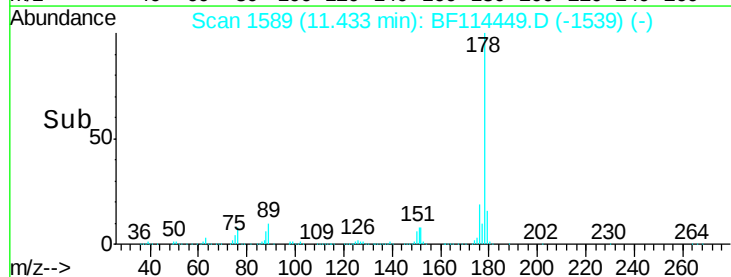
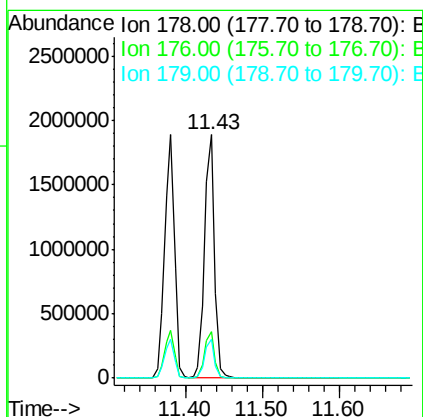
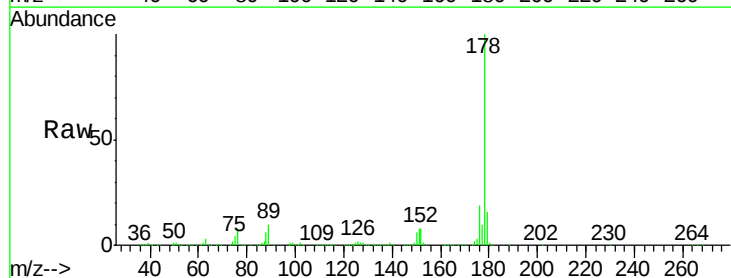
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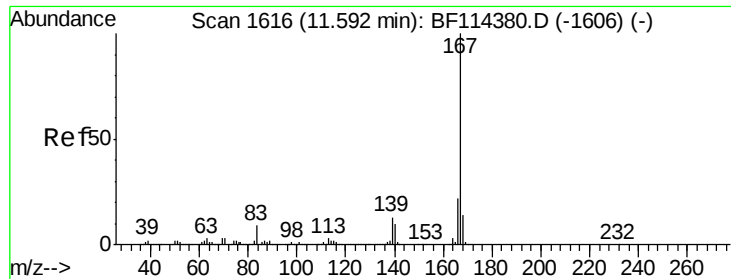
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#72
Anthracene
Concen: 41.236 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion:178 Resp: 1712858
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 13.0 19.4





#73

Carbazole

Concen: 41.181 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 1631185

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

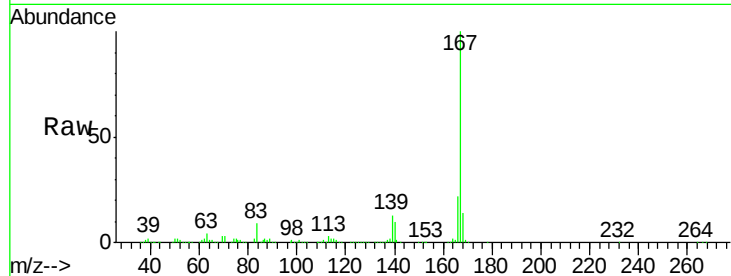
139 13.0 10.6 16.0

Manual Integrations

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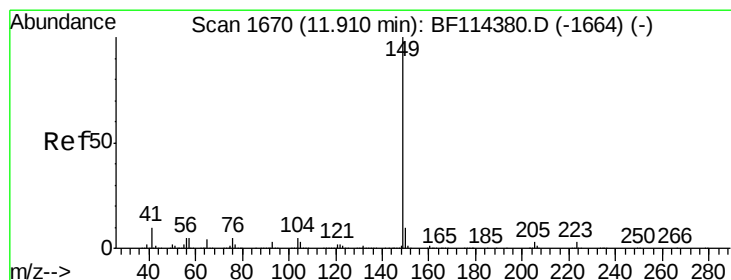
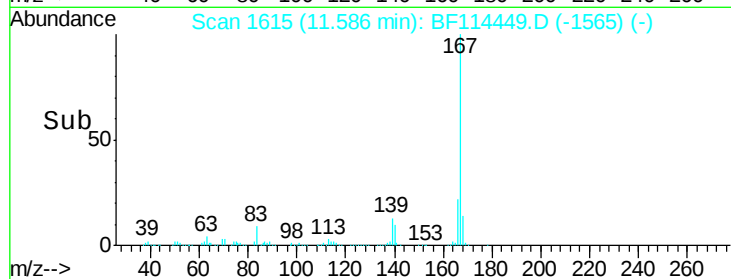
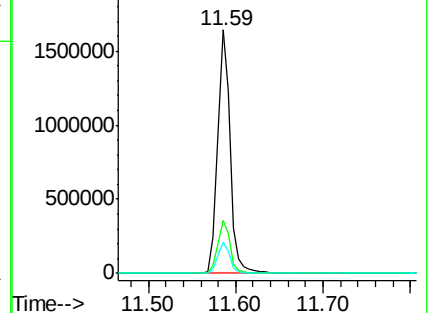
5/23/2019 8:15:38 AM



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: 46.100 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

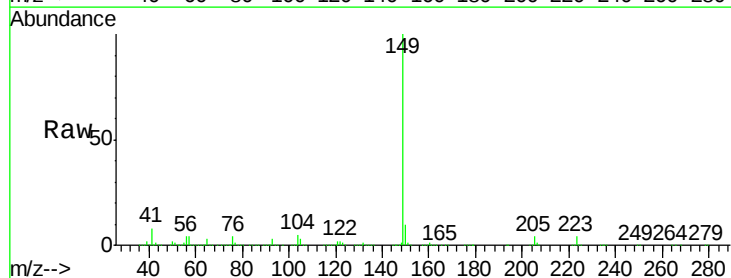
Tgt Ion:149 Resp: 2103695

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

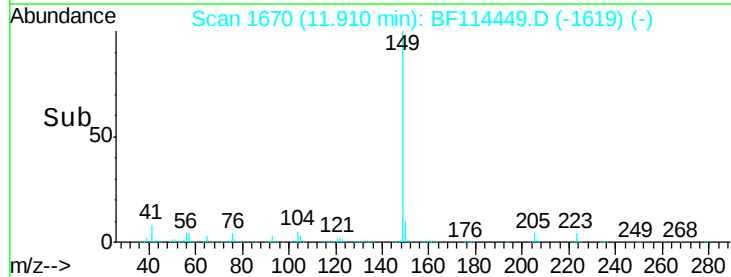
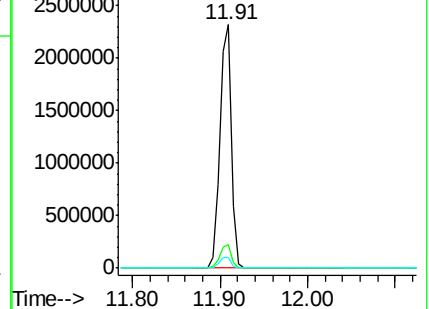
104 4.5 3.6 5.4

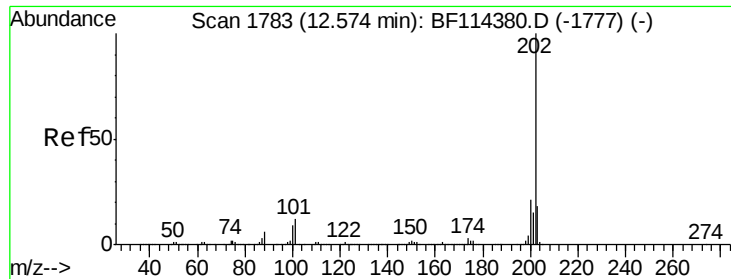


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.818 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

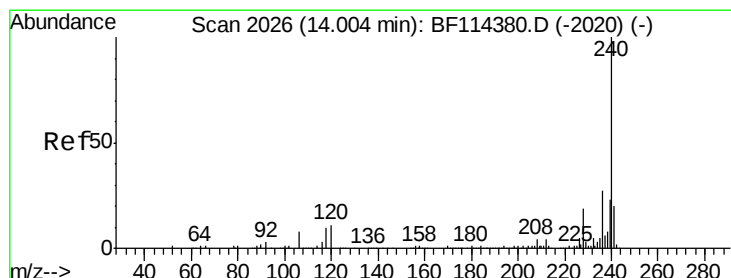
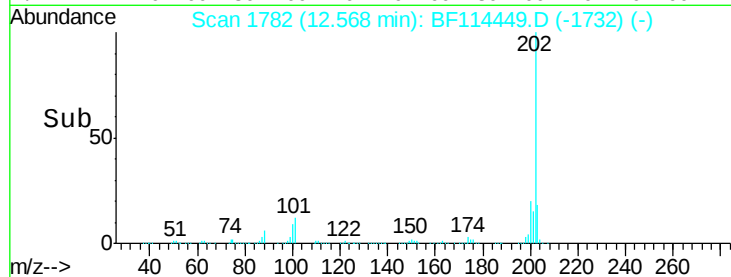
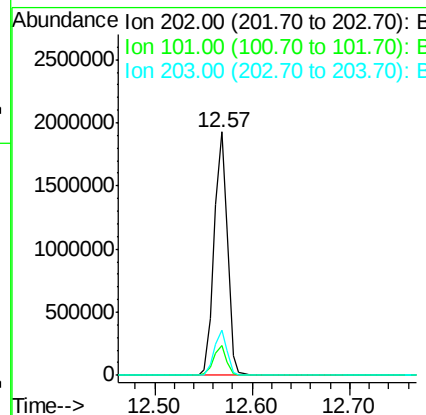
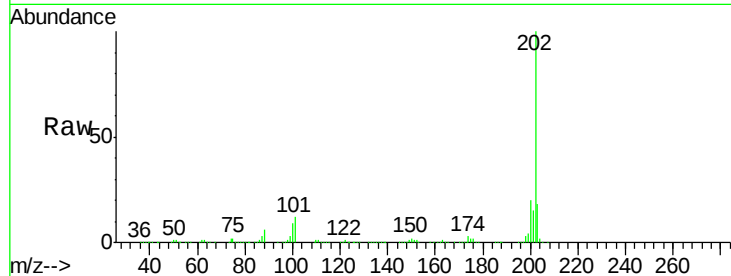
SSTDCCC040

Tgt Ion: 202 Resp: 1817791

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.0
203	18.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

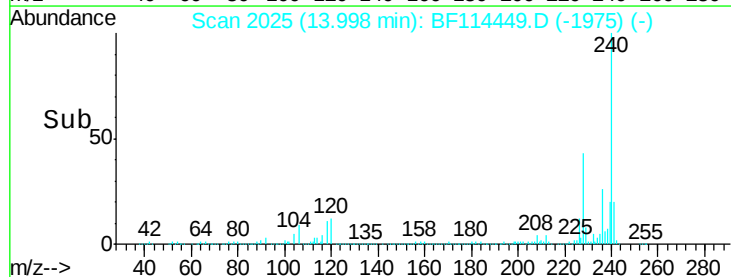
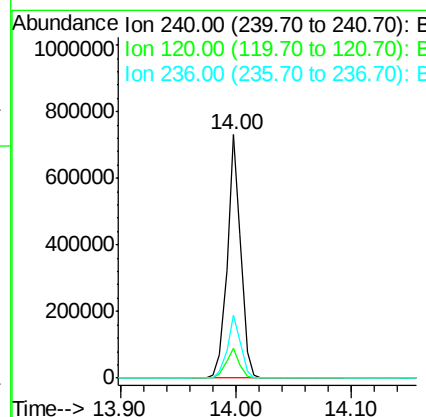
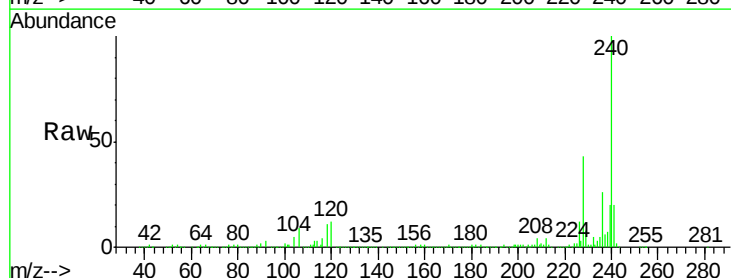
Delta R.T. -0.01 min

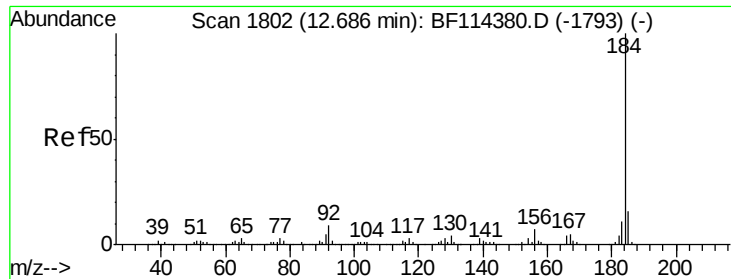
Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion: 240 Resp: 587095

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	26.2	20.8	31.2





#77

Benzidine

Concen: 37.938 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

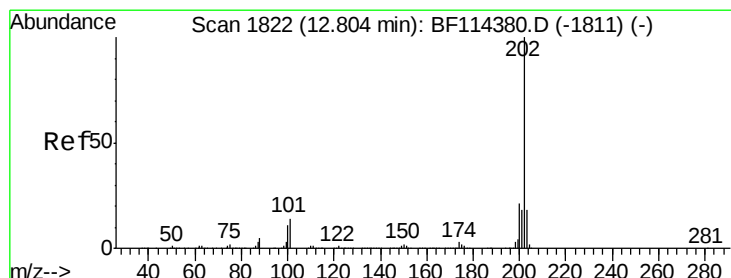
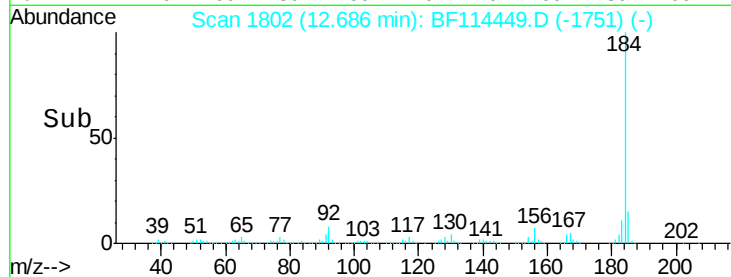
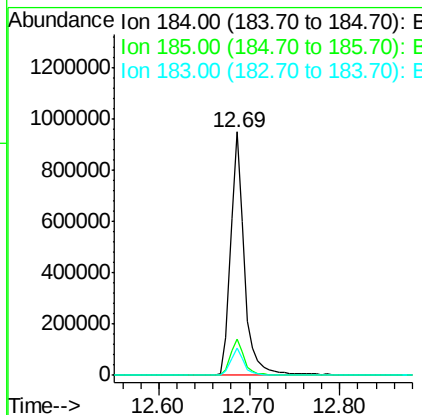
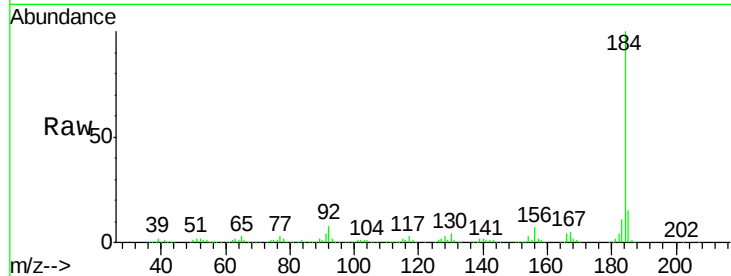
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	999802
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.6	20.4
183	11.4	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 38.861 ng

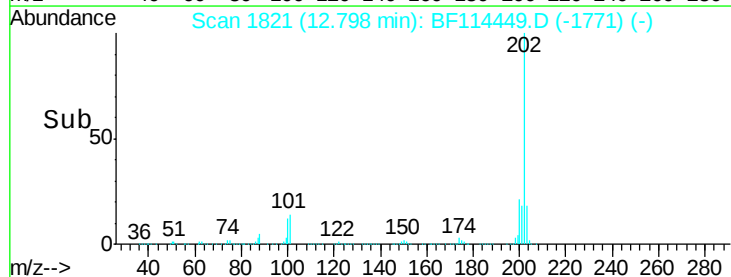
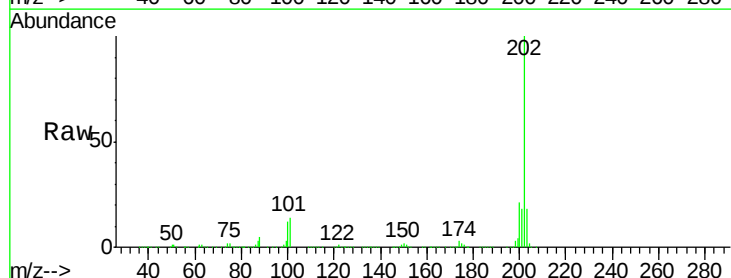
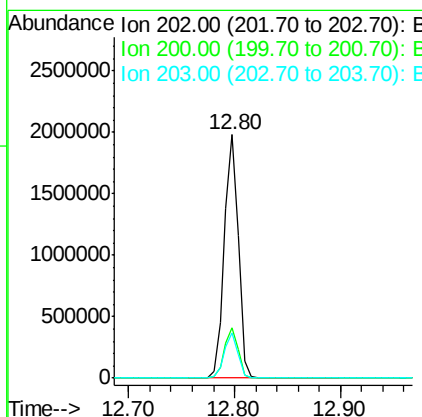
RT: 12.80 min Scan# 1821

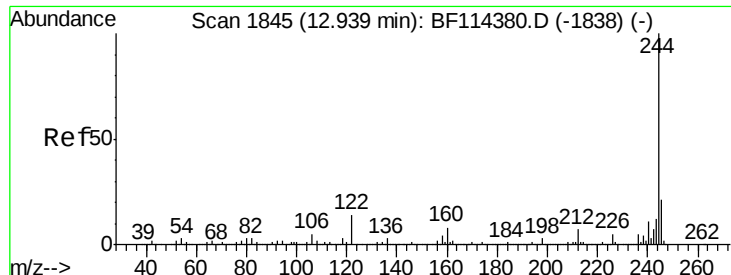
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	202	Resp:	1835386
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	18.4	14.5	21.7





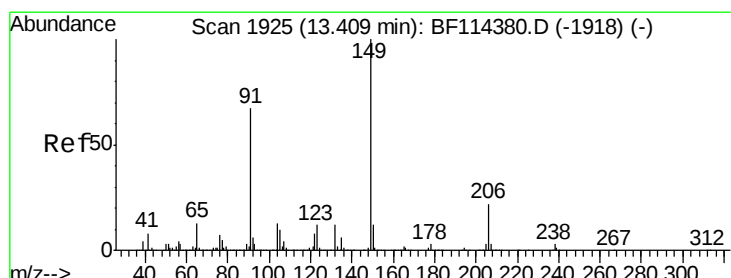
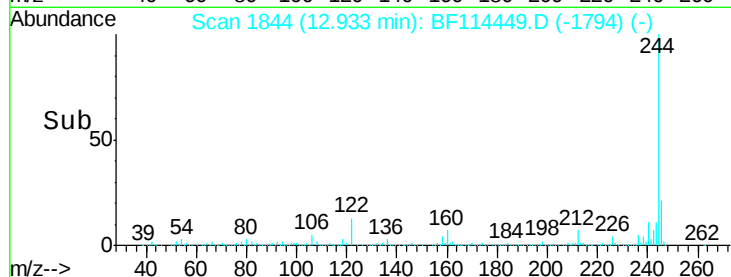
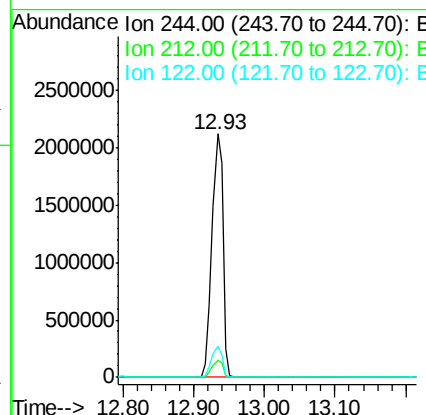
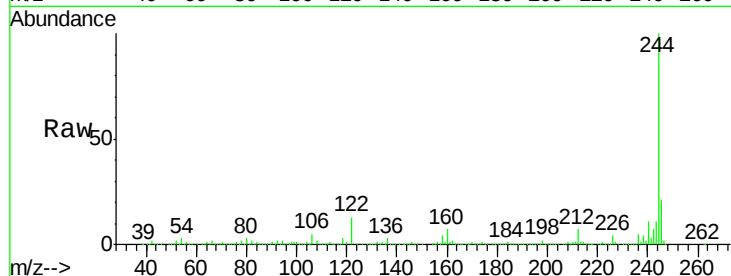
#79
 Terphenyl-d14
 Concen: 80.985 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 244 Resp: 2306461
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.0 9.4 14.2

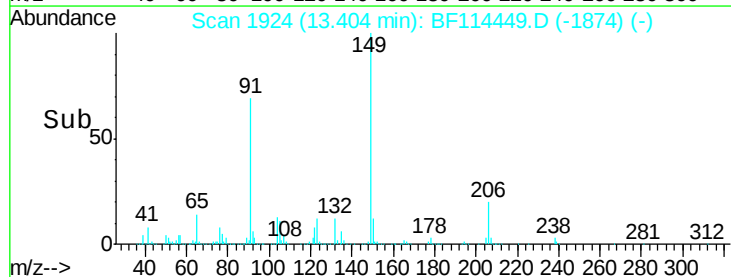
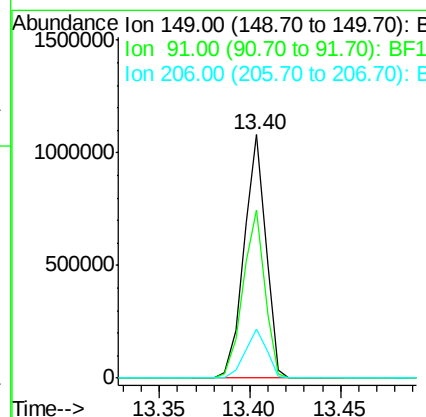
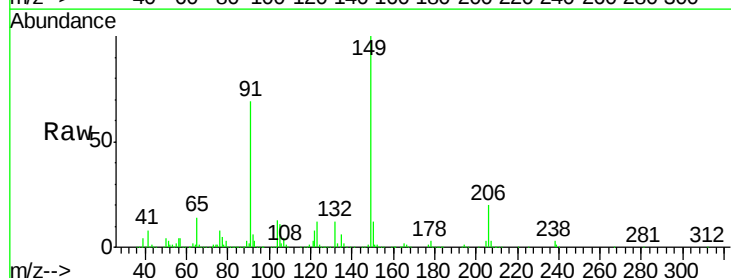
Manual Integrations
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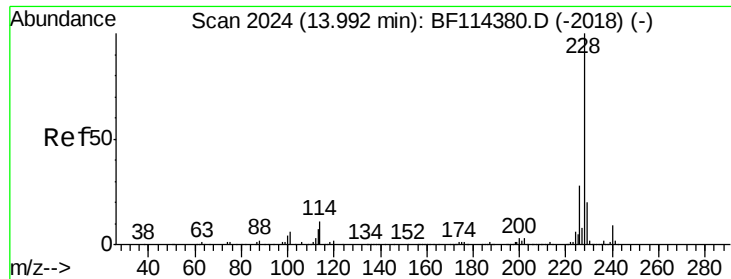
Sohil
 5/23/2019 8:15:38 AM



#80
 Butylbenzylphthalate
 Concen: 45.332 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114449.D
 Acq: 21 May 2019 12:10

Tgt Ion: 149 Resp: 901158
 Ion Ratio Lower Upper
 149 100
 91 69.2 55.0 82.4
 206 20.3 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.536 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

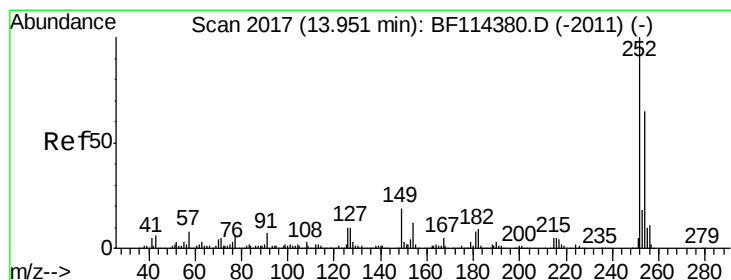
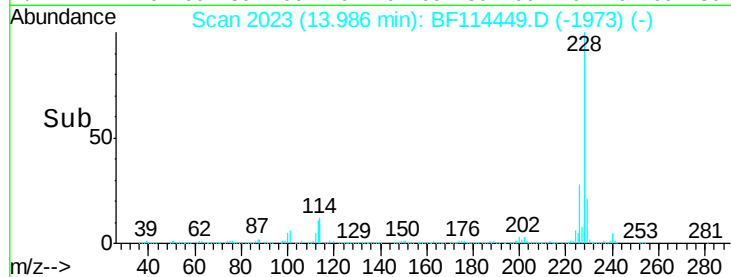
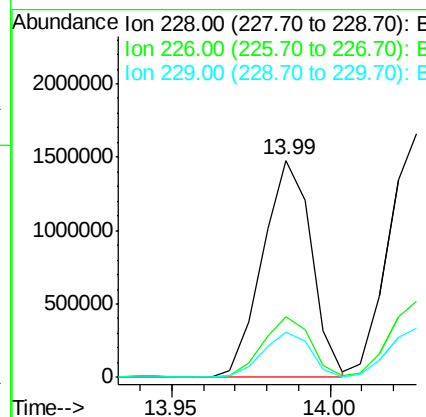
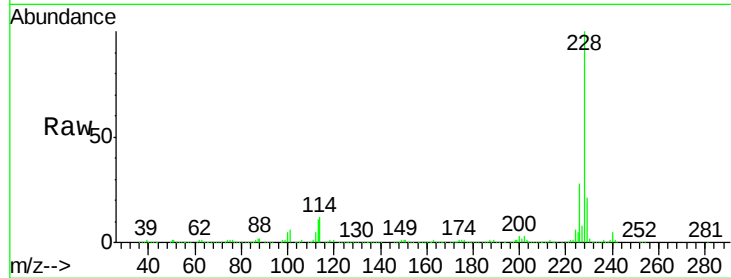
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	1577241
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.8	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.787 ng

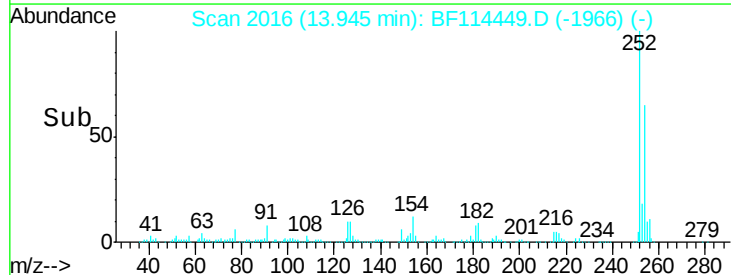
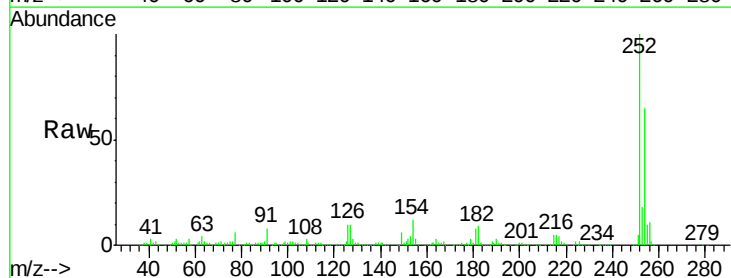
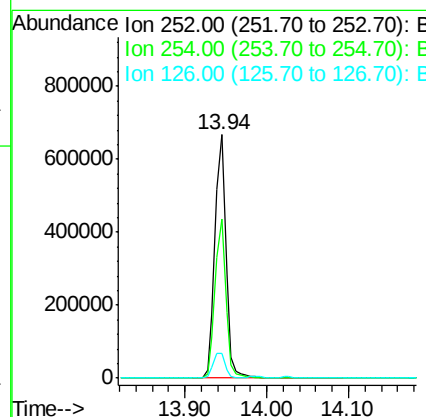
RT: 13.94 min Scan# 2016

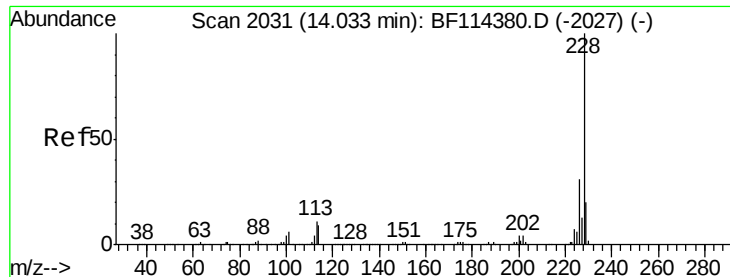
Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	252	Resp:	630290
Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	10.4	7.9	11.9





#83

Chrysene

Concen: 40.545 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1509250

Ion Ratio Lower Upper

228 100

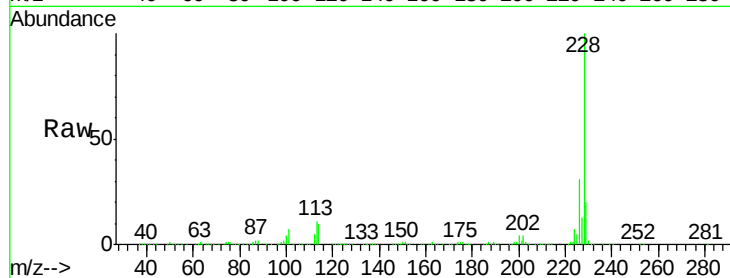
226 31.2 25.0 37.6

229 20.4 17.0 25.6

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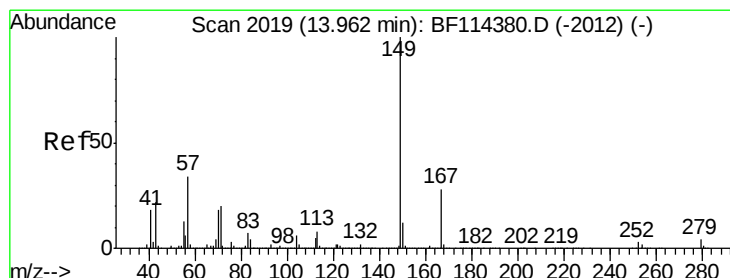
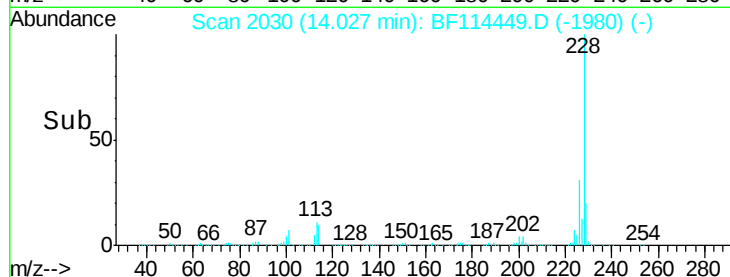
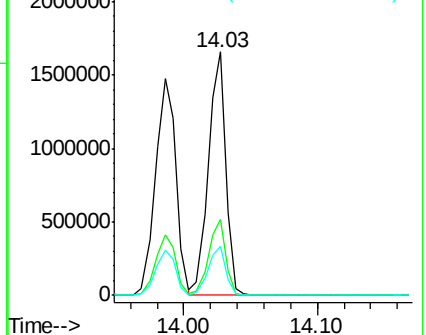
5/23/2019 8:15:38 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.971 ng m

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

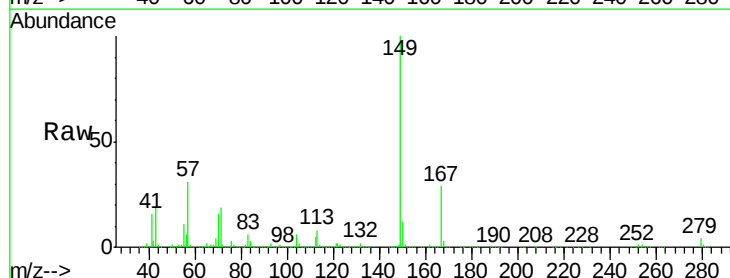
Tgt Ion:149 Resp: 1247220

Ion Ratio Lower Upper

149 100

167 28.6 22.6 33.8

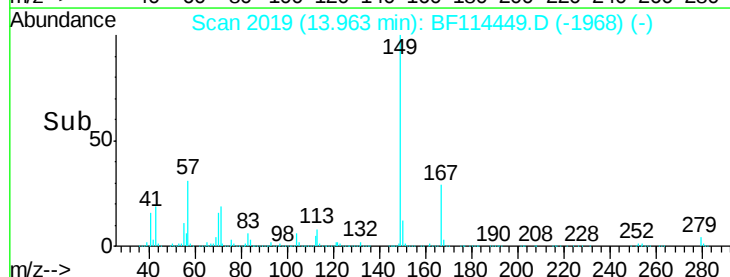
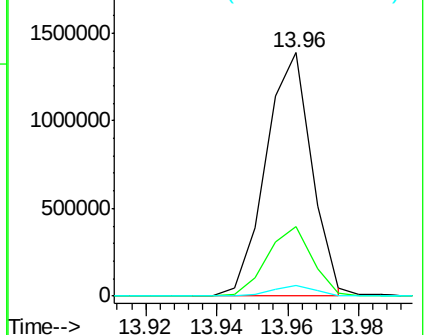
279 4.4 3.0 4.6

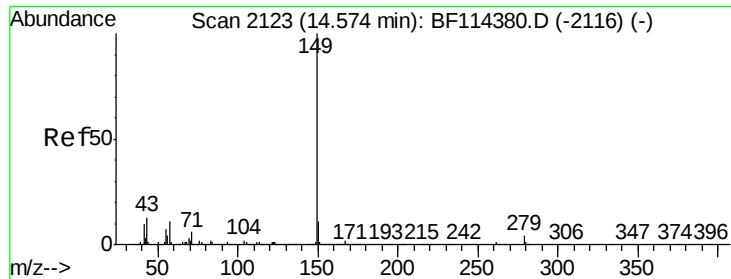


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





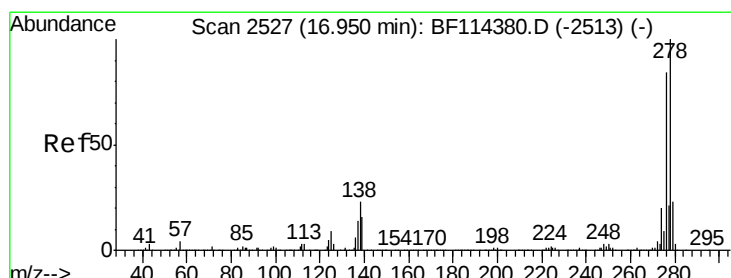
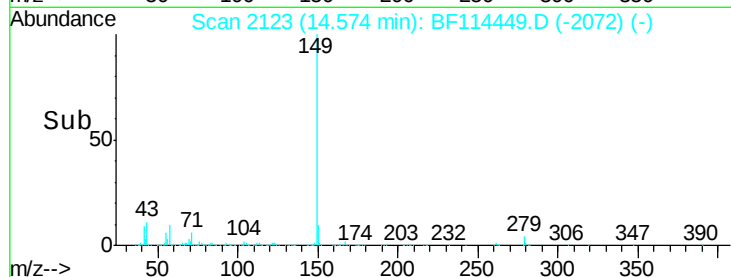
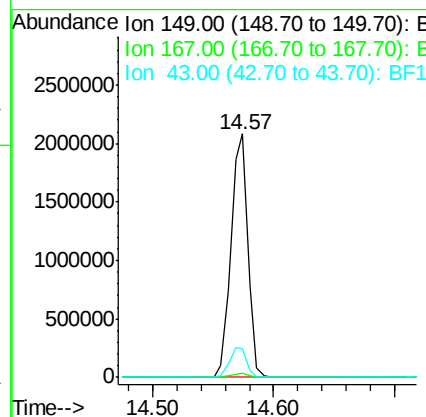
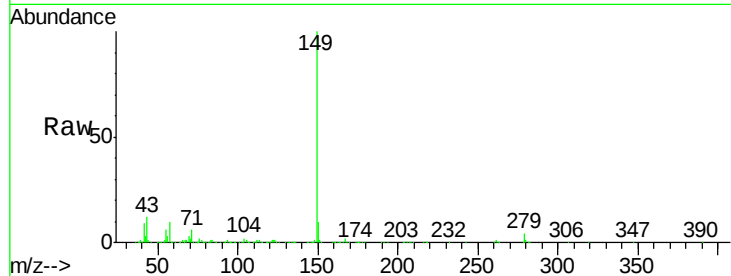
#85
Di-n-octyl phthalate
Concen: 47.557 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	10.1	15.1

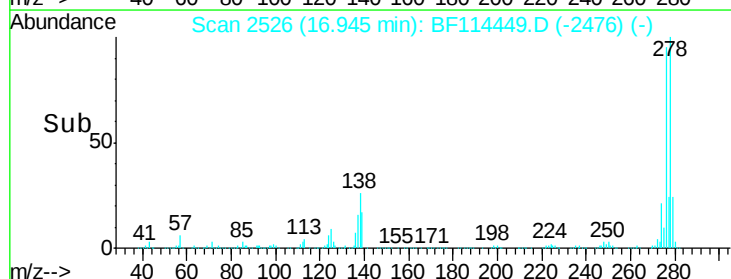
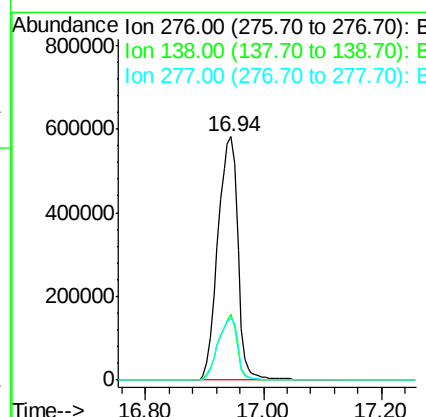
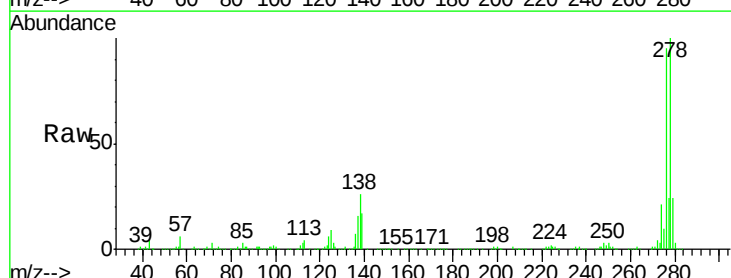
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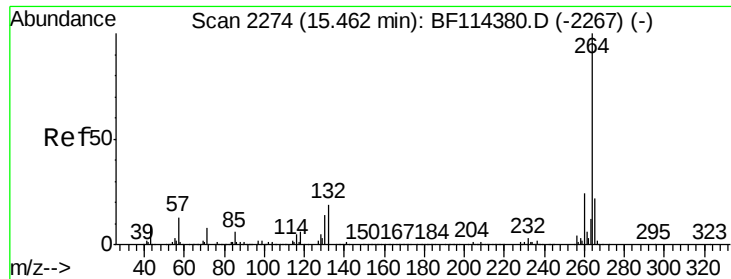
Sohil
5/23/2019 8:15:38 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.586 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.1	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Instrument :

BNA_F

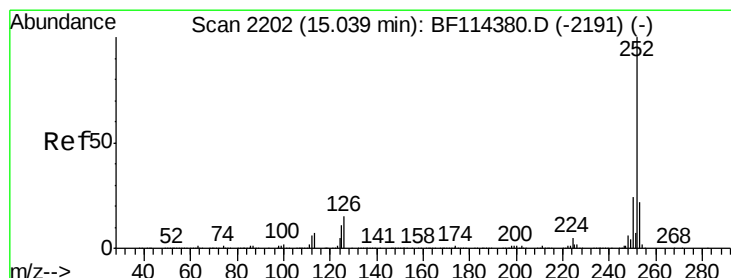
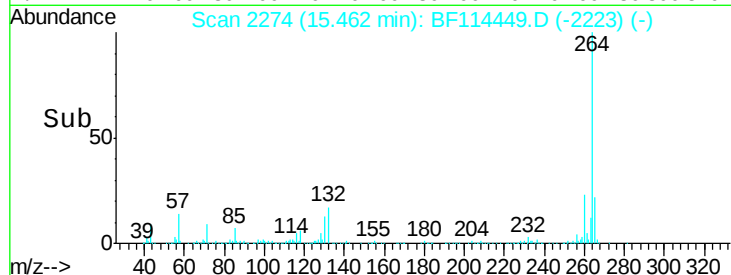
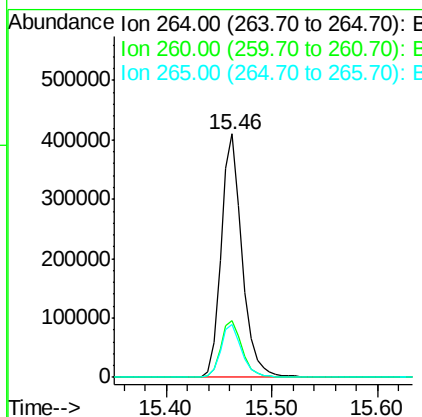
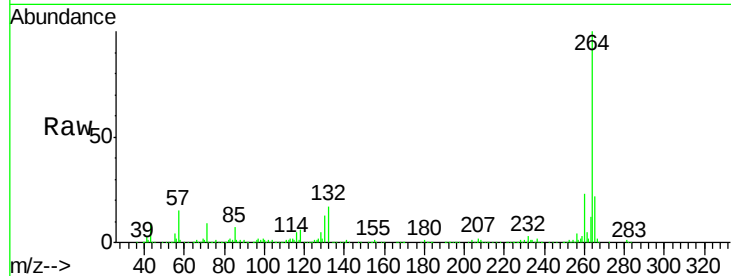
ClientSampleId :

SSTDCCC040

Tgt Ion:	264	Resp:	564653
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.6	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 40.817 ng

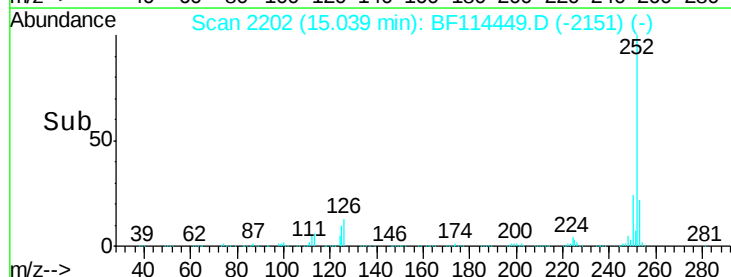
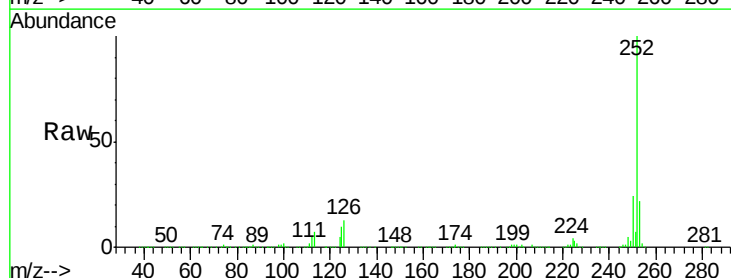
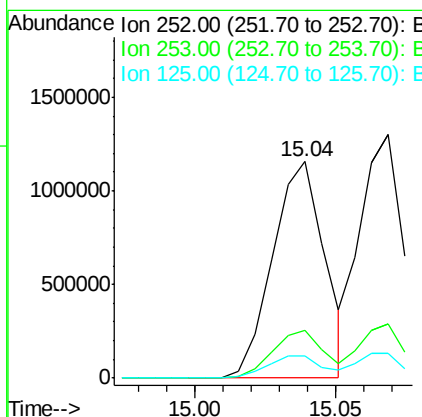
RT: 15.04 min Scan# 2202

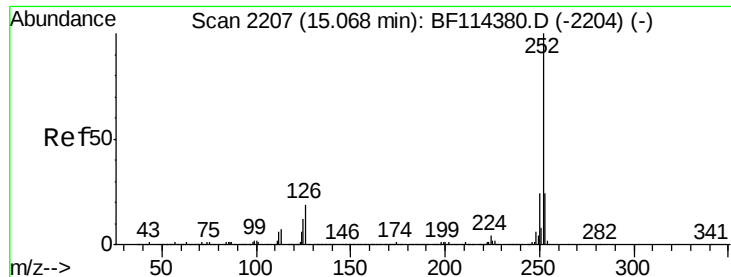
Delta R.T. 0.00 min

Lab File: BF114449.D

Acq: 21 May 2019 12:10

Tgt Ion:	252	Resp:	1476561
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.4	8.3	12.5





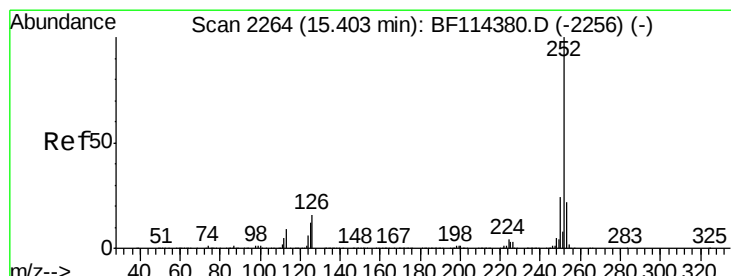
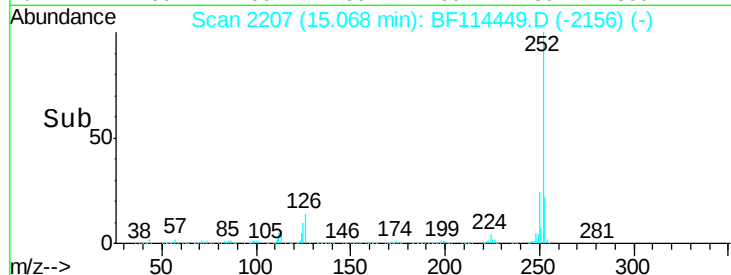
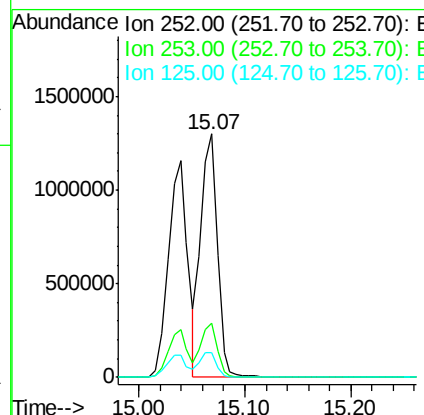
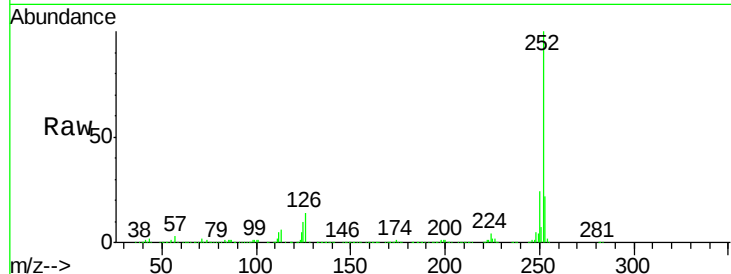
#89
Benzo(k)fluoranthene
Concen: 42.027 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.0	8.6	13.0

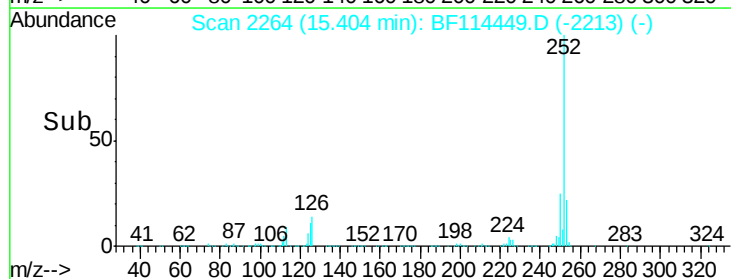
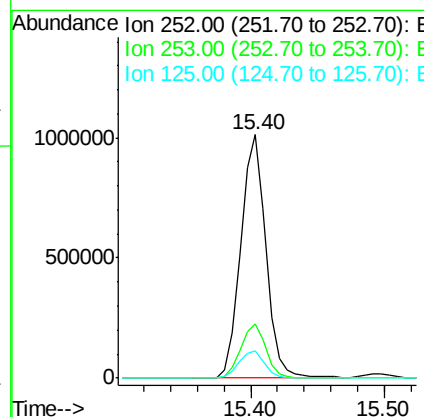
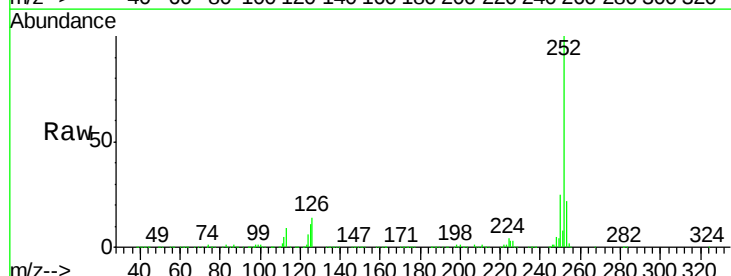
Manual Integrations
APPROVED

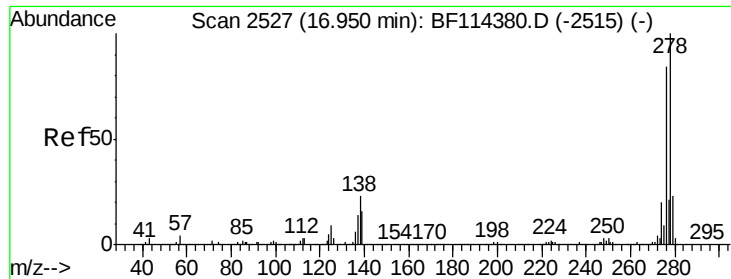
Sohil
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#90
Benzo(a)pyrene
Concen: 41.638 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	11.3	9.5	14.3





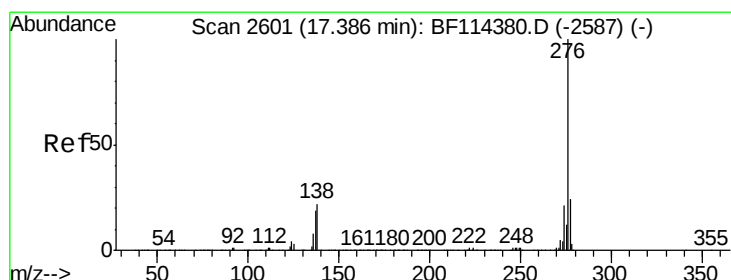
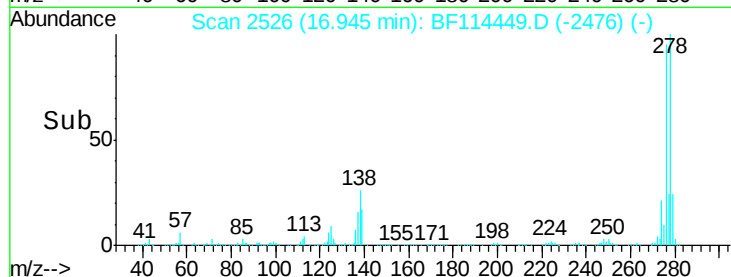
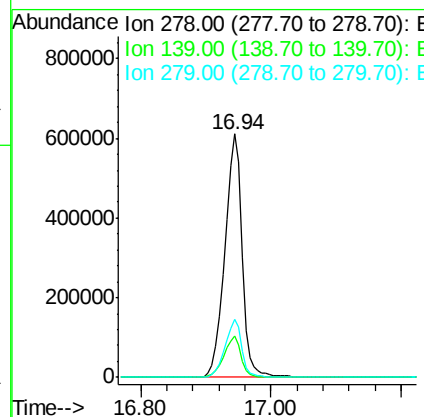
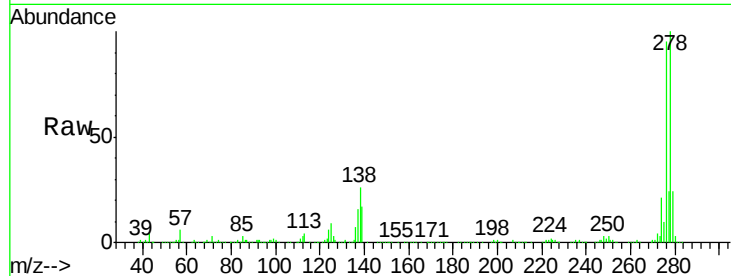
#91
Dibenzo(a,h)anthracene
Concen: 42.592 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 278 Resp: 1126775
Ion Ratio Lower Upper
278 100
139 16.9 13.5 20.3
279 24.0 19.0 28.6

Manual Integrations
APPROVED

Sohil
5/23/2019 8:15:38 AM



#92
Benzo(g,h,i)perylene
Concen: 42.012 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF114449.D
Acq: 21 May 2019 12:10

Tgt Ion: 276 Resp: 1113818
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 21.3 17.8 26.6

