

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101393.D
 Acq On : 14 Dec 2017 14:06
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:43:52 PM

Quant Time: Dec 14 14:34:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 13:19:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149701	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	610560	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	277364	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	523144	20.00	ng	0.00
75) Chrysene-d12	14.00	240	382598	20.00	ng	0.00
86) Perylene-d12	15.47	264	356772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1397047	154.21	ng	0.00
7) Phenol-d6	6.47	99	1694992	154.10	ng	0.01
23) Nitrobenzene-d5	7.40	82	1615670	157.85	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	376755	113.07	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2256754	111.32	ng	0.00
78) Terphenyl-d14	12.94	244	2075810	118.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	395789	105.651	ng	93
3) Pyridine	3.31	79	1145080	117.912	ng	96
4) n-Nitrosodimethylamine	3.30	42	543552	114.597	ng	# 93
6) Aniline	6.49	93	1199740	83.881	ng	# 91
8) 2-Chlorophenol	6.61	128	731975	74.103	ng	97
9) Benzaldehyde	6.37	77	628002	93.288	ng	96
10) Phenol	6.48	94	965072	78.910	ng	# 71
11) bis(2-Chloroethyl)ether	6.56	93	820739	89.468	ng	93
12) 1,3-Dichlorobenzene	6.76	146	842725	73.269	ng	99
13) 1,4-Dichlorobenzene	6.84	146	840035	70.543	ng	98
14) 1,2-Dichlorobenzene	6.99	146	714094	64.291	ng	98
15) Benzyl Alcohol	6.97	79	534938	62.970	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1244309	99.788	ng	87
17) 2-Methylphenol	7.09	107	687571	86.203	ng	# 89
18) Hexachloroethane	7.32	117	295178	77.155	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	549264	74.151	ng	93
20) 3+4-Methylphenols	7.24	107	639687	61.496	ng	# 68
22) Acetophenone	7.24	105	933899	63.312	ng	# 85
24) Nitrobenzene	7.42	77	841364	83.874	ng	98
25) Isophorone	7.65	82	1649750	94.364	ng	98
26) 2-Nitrophenol	7.73	139	415042	75.371	ng	99
27) 2,4-Dimethylphenol	7.76	122	635214	79.742	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	967294	82.321	ng	98
29) 2,4-Dichlorophenol	7.97	162	633245	73.031	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	642552	67.393	ng	98
31) Naphthalene	8.13	128	2041265	67.835	ng	99
32) Benzoic acid	7.95	122	527739	85.179	ng	93
33) 4-Chloroaniline	8.18	127	937502	77.538	ng	97
34) Hexachlorobutadiene	8.23	225	365878	62.567	ng	99
35) Caprolactam	8.59	113	251621m	93.116	ng	
36) 4-Chloro-3-methylphenol	8.67	107	672864	74.914	ng	99
37) 2-Methylnaphthalene	8.82	142	1311244	64.130	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	620994	61.631	ng	97
40) Hexachlorocyclopentadiene	8.96	237	163612	54.800	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	413420	69.992	ng	100
43) 2,4,5-Trichlorophenol	9.15	196	443120	70.173	ng	96
45) 1,1'-Biphenyl	9.29	154	1582724	62.282	ng	99
46) 2-Chloronaphthalene	9.31	162	1245911	69.036	ng	99
47) 2-Nitroaniline	9.42	65	496053	92.903	ng	88
48) Acenaphthylene	9.73	152	1865498	62.899	ng	99
49) Dimethylphthalate	9.59	163	1554876	69.511	ng	99
50) 2,6-Dinitrotoluene	9.66	165	325886	69.170	ng	91
51) Acenaphthene	9.90	154	1171149	65.945	ng	99
52) 3-Nitroaniline	9.83	138	424597	80.139	ng	96
53) 2,4-Dinitrophenol	9.95	184	130836	60.906	ng	# 18
54) Dibenzofuran	10.07	168	1464565	57.226	ng	97
55) 4-Nitrophenol	10.00	139	214896	60.142	ng	92
56) 2,4-Dinitrotoluene	10.07	165	355868	56.361	ng	# 87
57) Fluorene	10.42	166	1257699	60.452	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	336199	66.494	ng	91
59) Diethylphthalate	10.29	149	1451814	65.803	ng	97
60) 4-Chlorophenyl-phenylether	10.40	204	603911	58.791	ng	96
61) 4-Nitroaniline	10.46	138	428586	77.927	ng	95
62) Azobenzene	10.56	77	1494389	79.812	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	245309	69.911	ng	90
65) n-Nitrosodiphenylamine	10.53	169	1276131	69.145	ng	97
66) 4-Bromophenyl-phenylether	10.89	248	402451	68.728	ng	# 88
67) Hexachlorobenzene	10.97	284	421052	67.091	ng	# 87
68) Atrazine	11.06	200	395967	69.943	ng	97
69) Pentachlorophenol	11.16	266	191851	55.597	ng	97
70) Phenanthrene	11.38	178	1872139	64.984	ng	99
71) Anthracene	11.43	178	1904906	65.332	ng	99
72) Carbazole	11.59	167	1789126	67.158	ng	99
73) Di-n-butylphthalate	11.90	149	2204539	66.021	ng	100
74) Fluoranthene	12.57	202	1930812	60.461	ng	97
76) Benzidine	12.70	184	1292948	103.923	ng	# 90
77) Pyrene	12.80	202	2026287	76.752	ng	99
79) Butylbenzylphthalate	13.40	149	963171	82.749	ng	96
80) Benzo(a)anthracene	14.00	228	1812643	75.037	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	493979	59.046	ng	96
82) Chrysene	14.03	228	1631993	72.744	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	1040485	62.694	ng	# 99
84) Di-n-octyl phthalate	14.57	149	2072957	75.017	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	1478008	74.103	ng	96
87) Benzo(b)fluoranthene	15.05	252	1643377	76.902	ng	98
88) Benzo(k)fluoranthene	15.08	252	1434867	68.152	ng	99
89) Benzo(a)pyrene	15.42	252	1443493	74.301	ng	98
90) Dibenzo(a,h)anthracene	16.98	278	1212123	70.771	ng	97
91) Benzo(g,h,i)perylene	17.42	276	1275928	79.049	ng	94

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

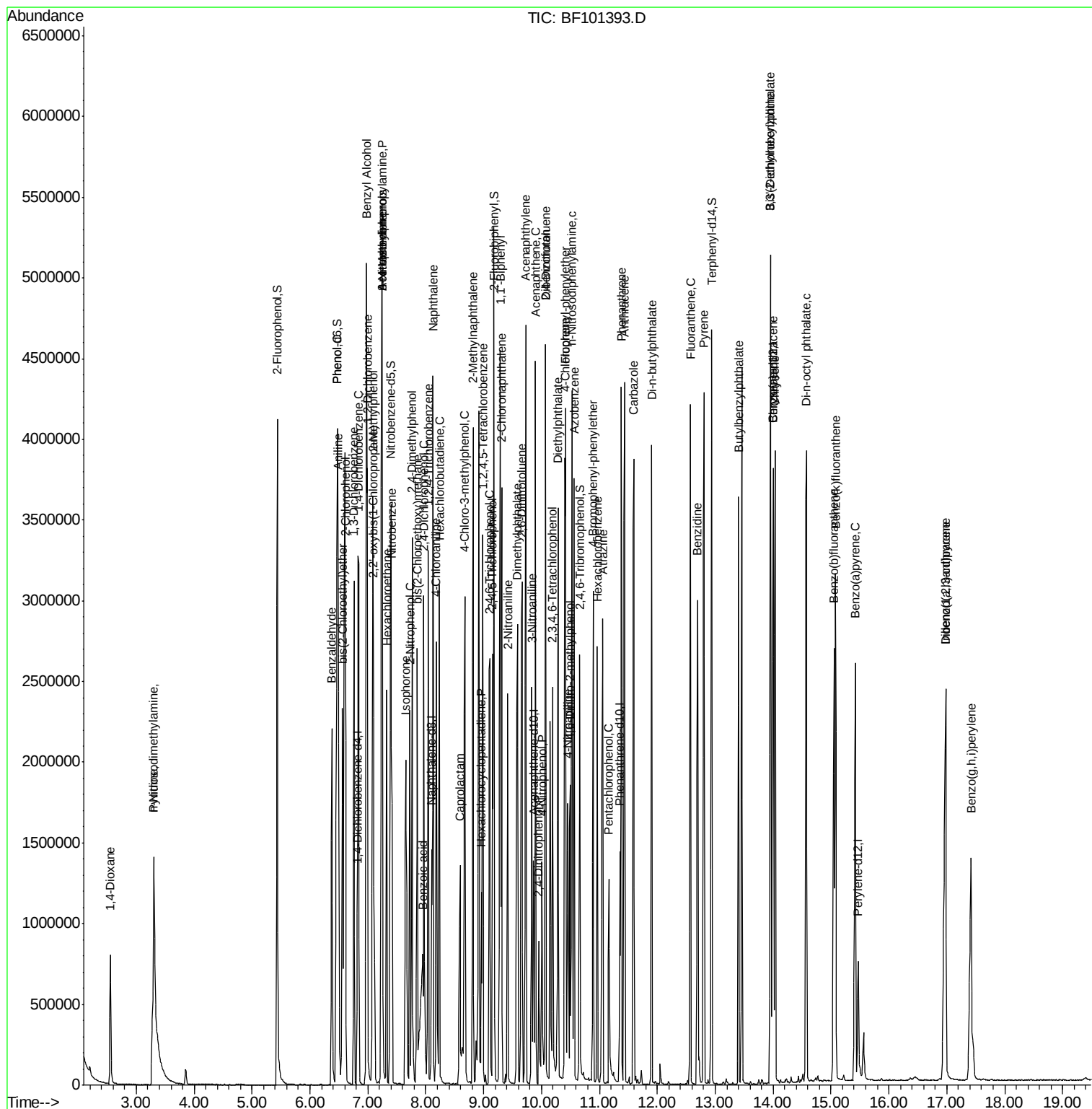
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Acq On    : 14 Dec 2017   14:06
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Sample    : SSTDICC080
Misc      :
ALS Vial  : 8      Sample Multiplier: 1
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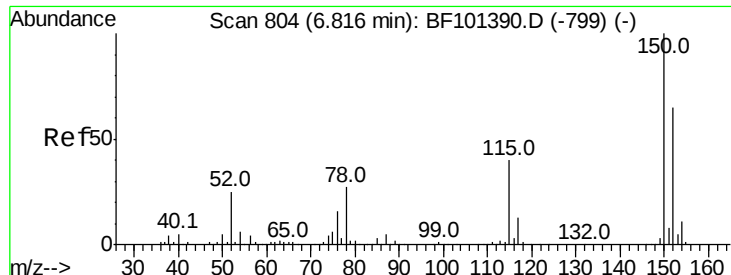
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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12/15/2017 6:43:52 PM

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#1

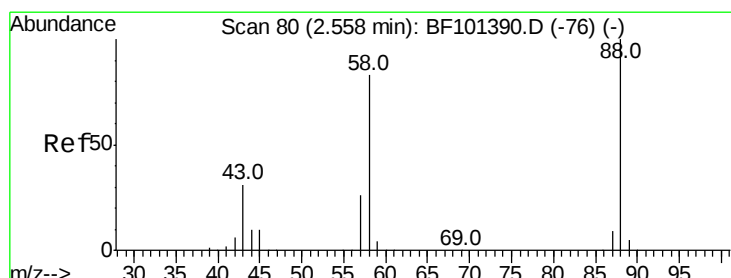
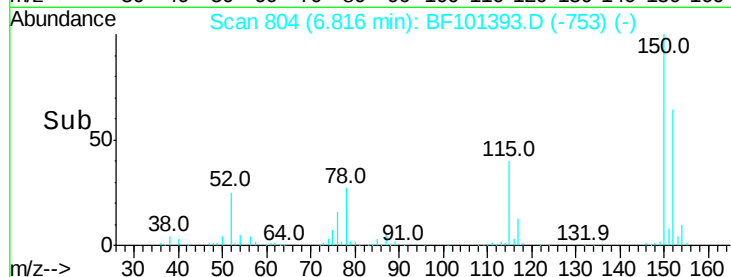
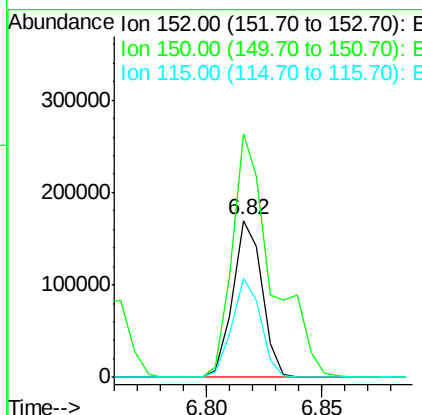
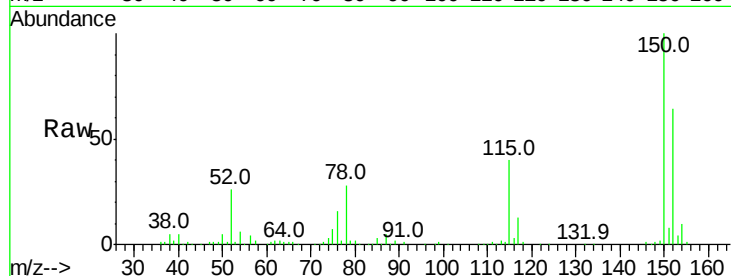
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	62.8	50.1	75.1

Manual Integrations
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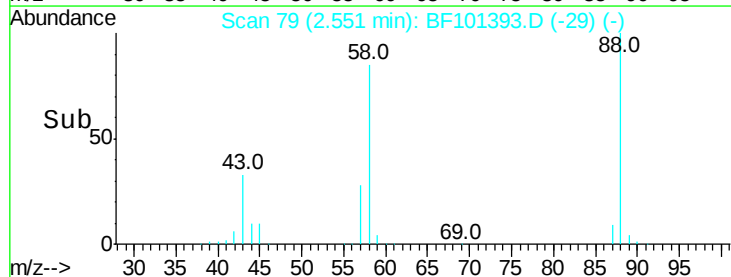
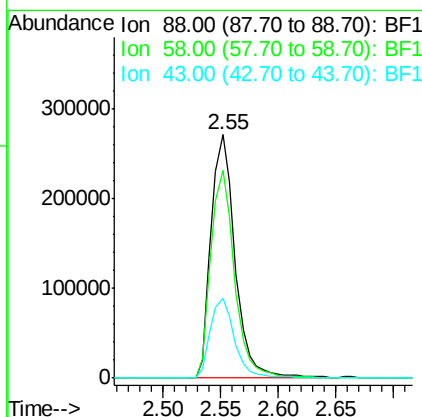
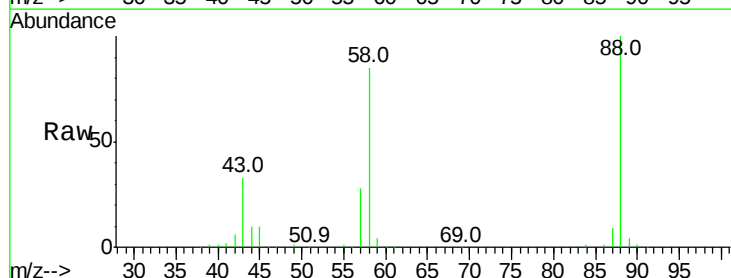
Sohil
12/15/2017 6:43:52 PM

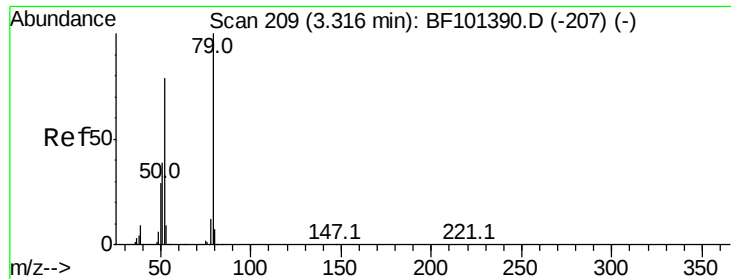


#2

1,4-Dioxane
Concen: 105.651 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	62.6	93.8
43	33.6	24.6	37.0





#3

Pvridine

Concen: 117.912 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1145080

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

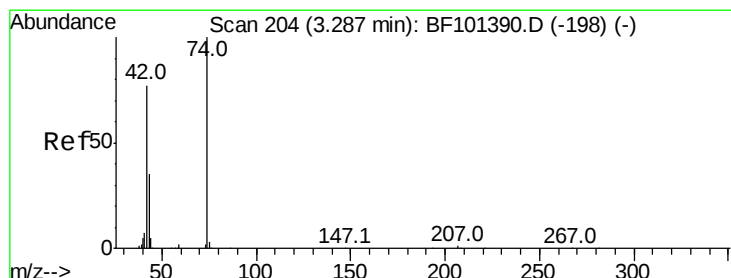
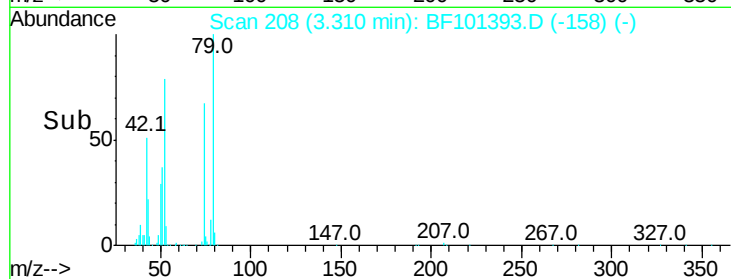
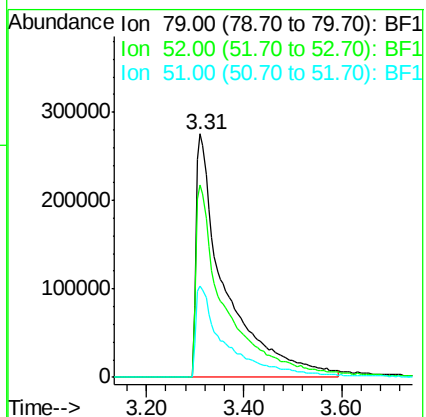
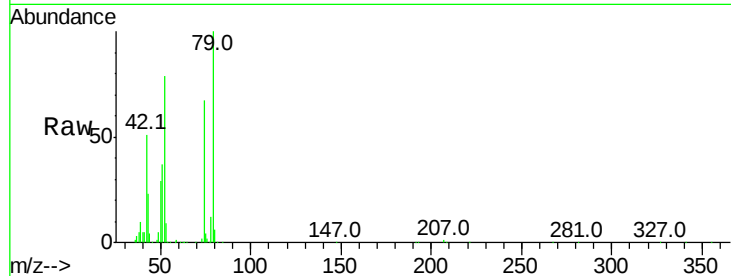
51 37.5 29.8 44.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 114.597 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

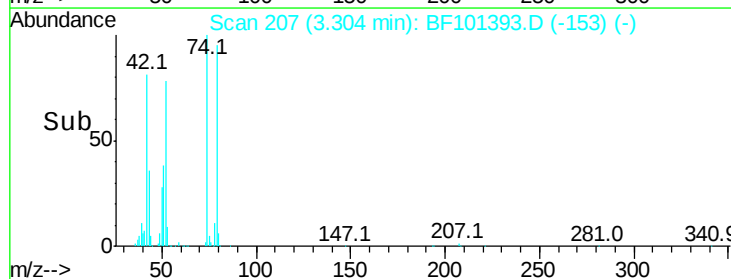
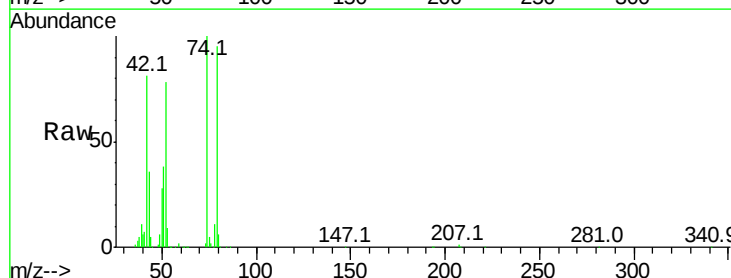
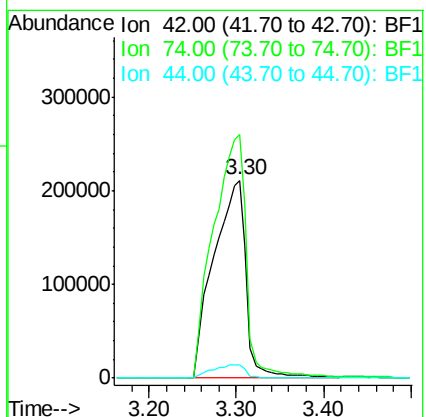
Tgt Ion: 42 Resp: 543552

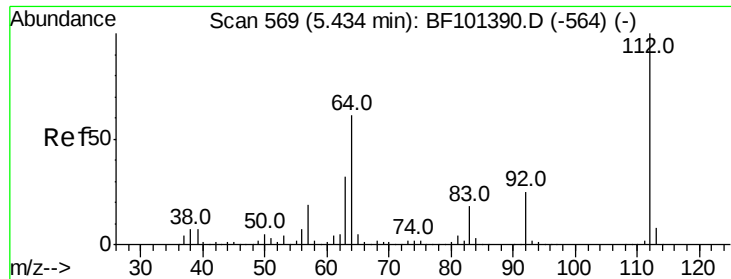
Ion Ratio Lower Upper

42 100

74 123.2 104.9 157.3

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 154.210 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:112 Resp: 1397047

Ion Ratio Lower Upper

112 100

64 64.8 47.9 71.9

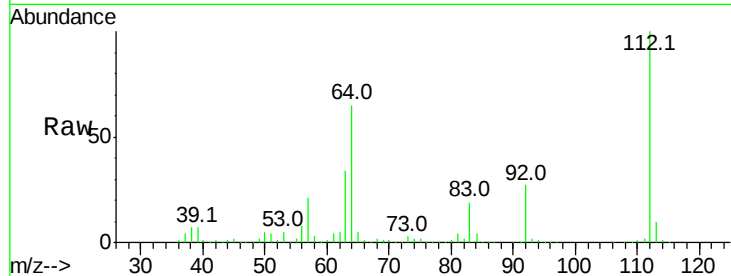
63 34.5 23.7 35.5

Manual Integrations

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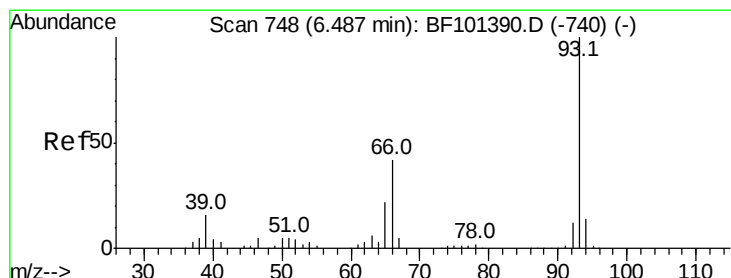
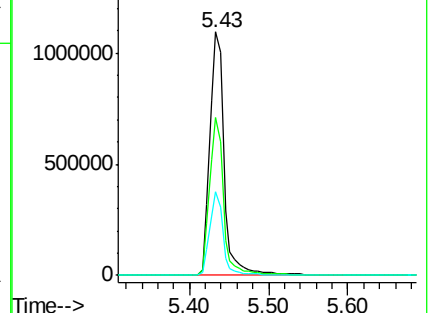
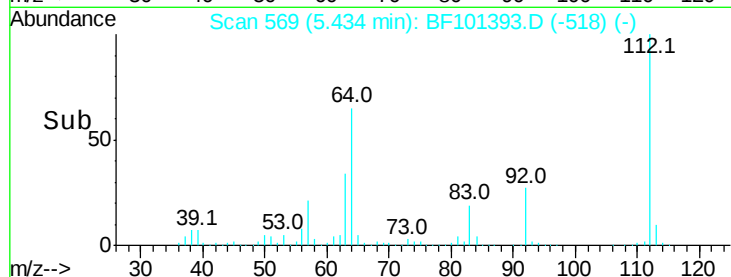
12/15/2017 6:43:52 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 83.881 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

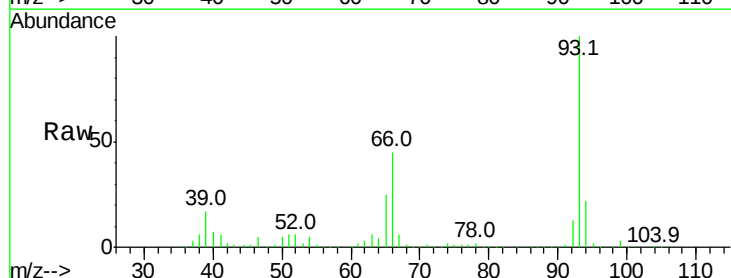
Tgt Ion: 93 Resp: 1199740

Ion Ratio Lower Upper

93 100

66 45.4 32.2 48.2

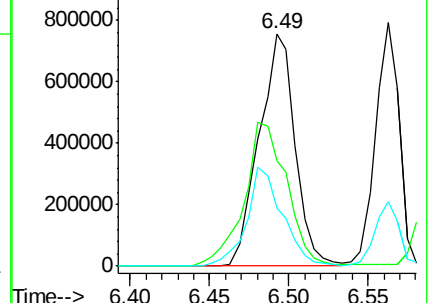
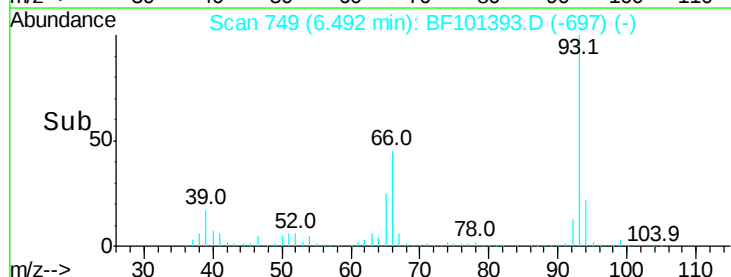
65 24.7 16.4 24.6#

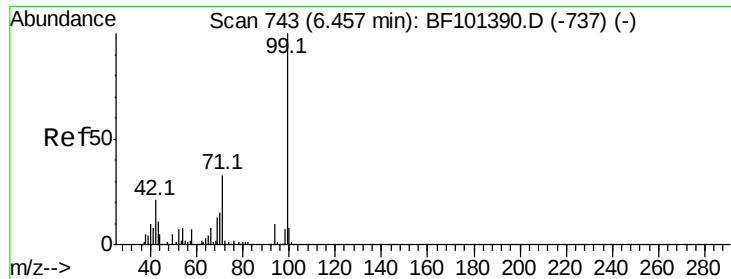


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.105 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1694992

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

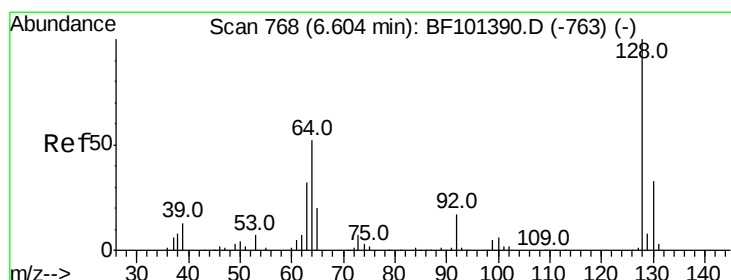
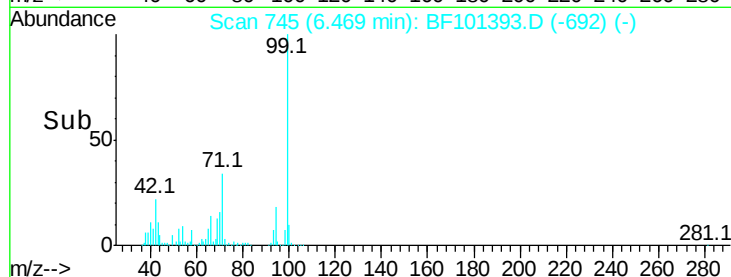
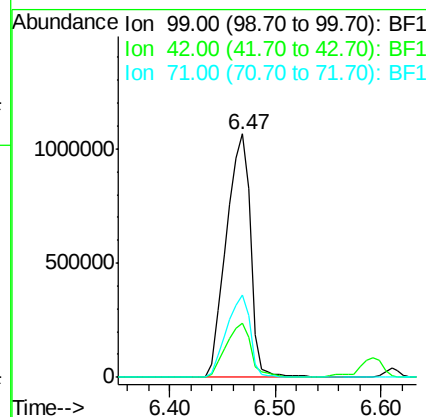
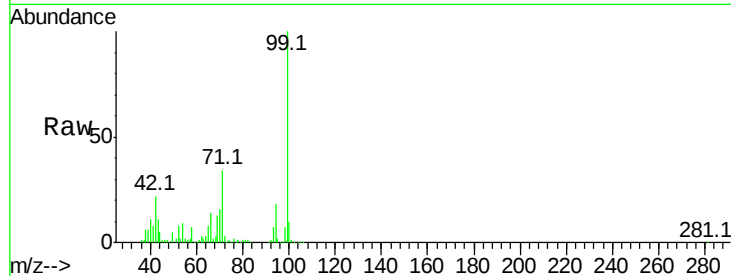
71 33.6 25.4 38.0

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#8

2-Chlorophenol

Concen: 74.103 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

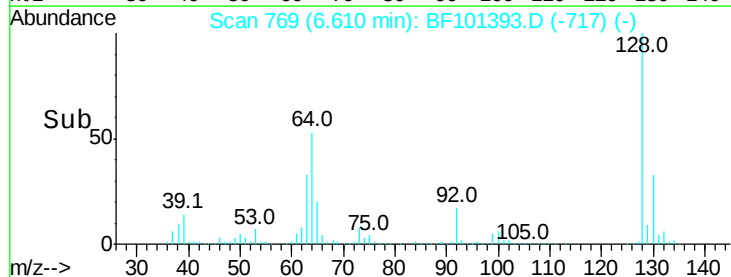
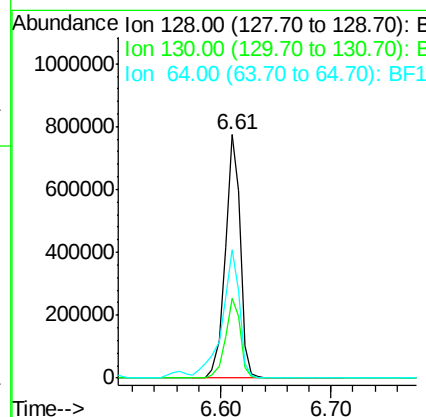
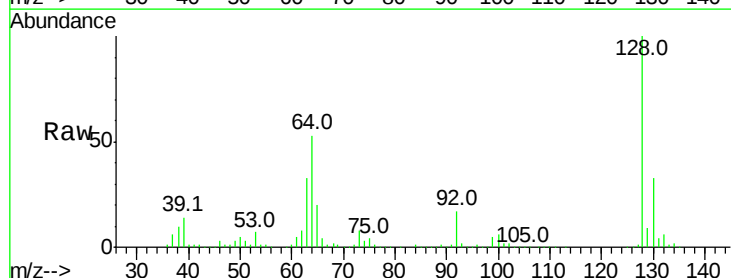
Tgt Ion: 128 Resp: 731975

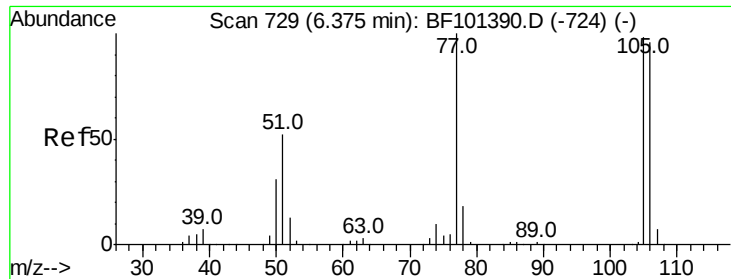
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 52.9 29.4 69.4





#9

Benzaldehyde

Concen: 93.288 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 628002

Ion Ratio Lower Upper

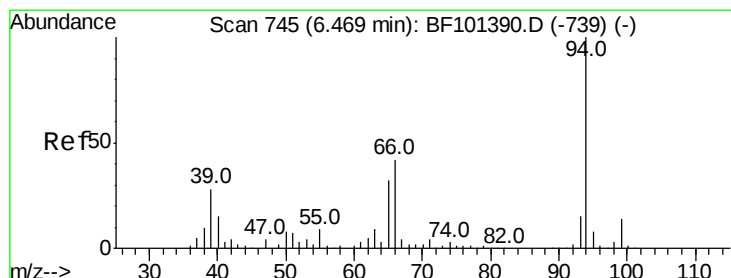
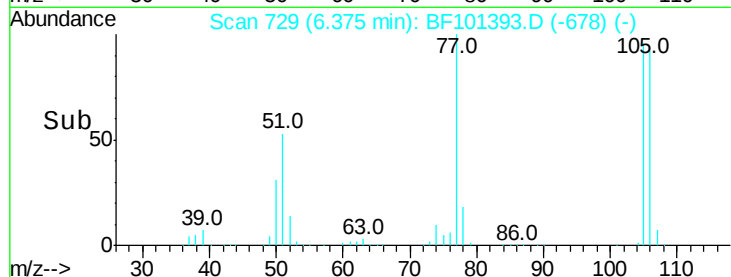
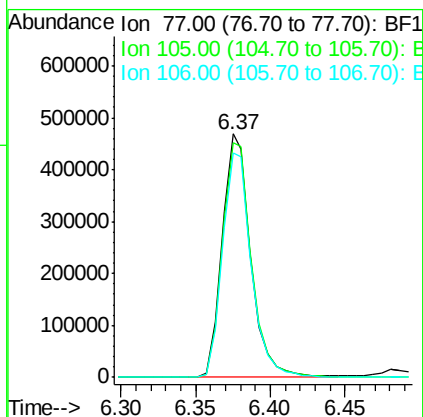
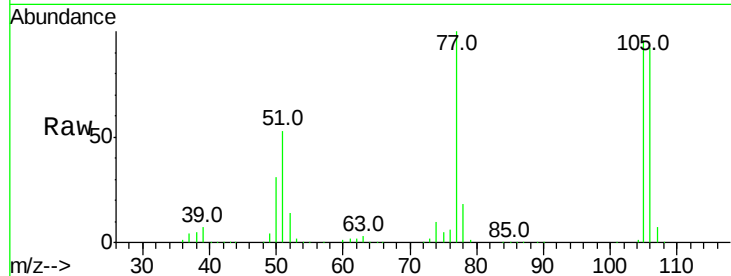
77 100

105 96.3 81.1 121.1

106 92.3 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 78.910 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

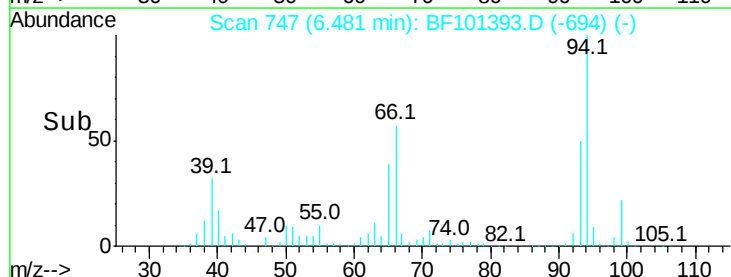
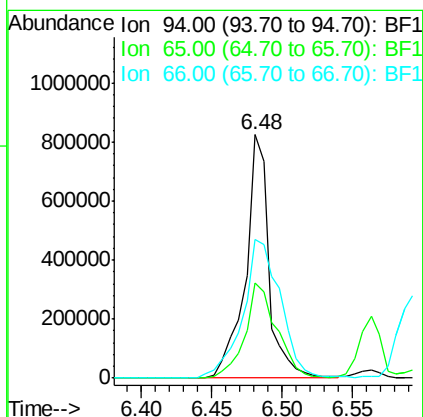
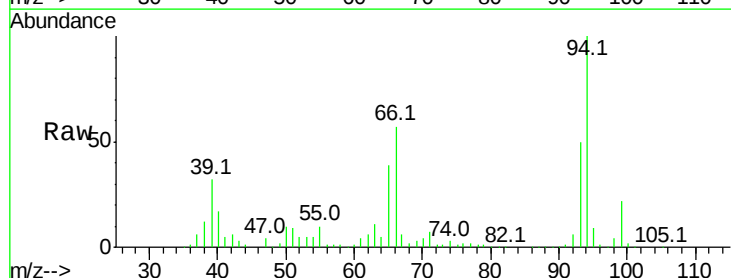
Tgt Ion: 94 Resp: 965072

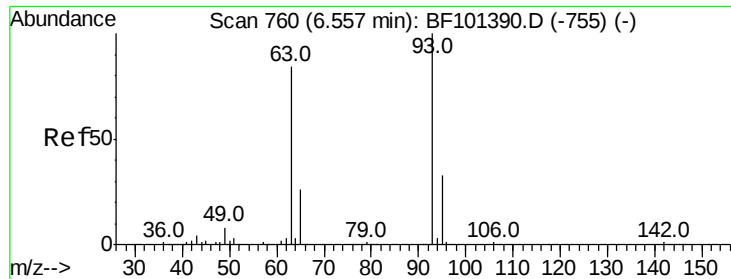
Ion Ratio Lower Upper

94 100

65 39.2 7.9 47.9

66 56.9 16.2 56.2#





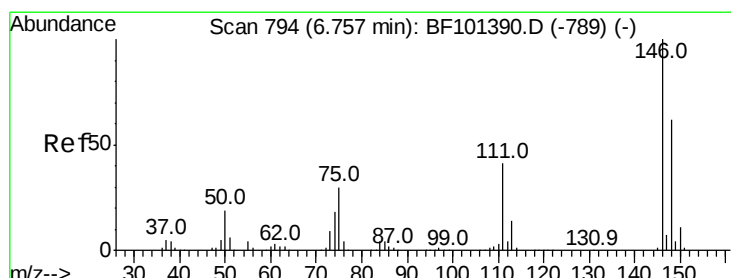
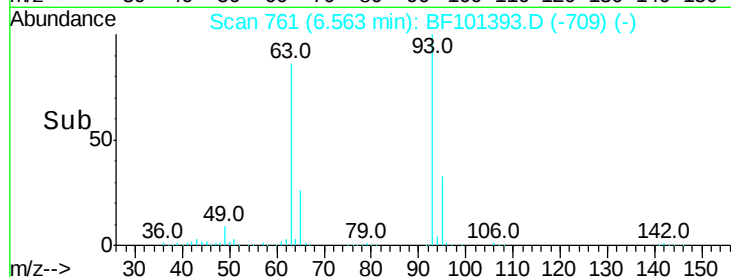
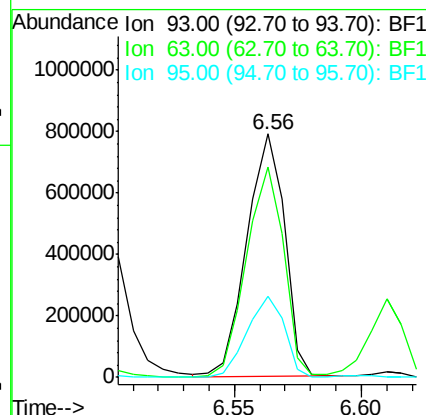
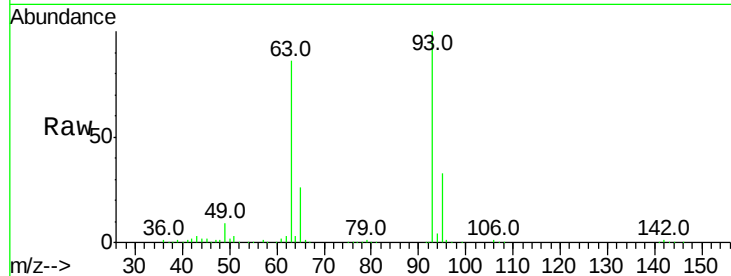
#11
bis(2-Chloroethyl)ether
Concen: 89.468 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.4	58.6	98.6
95	33.3	11.8	51.8

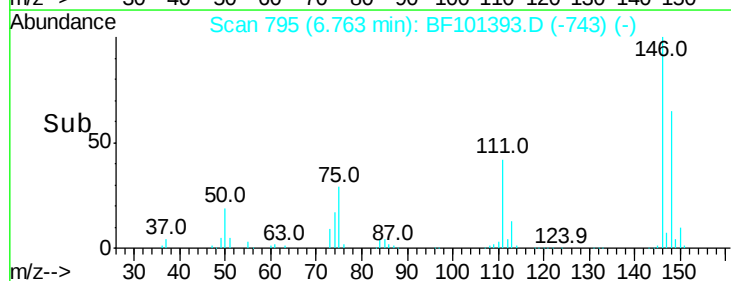
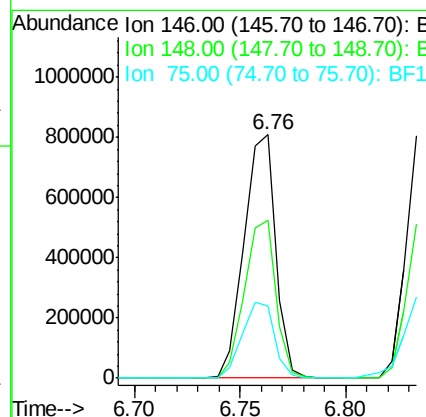
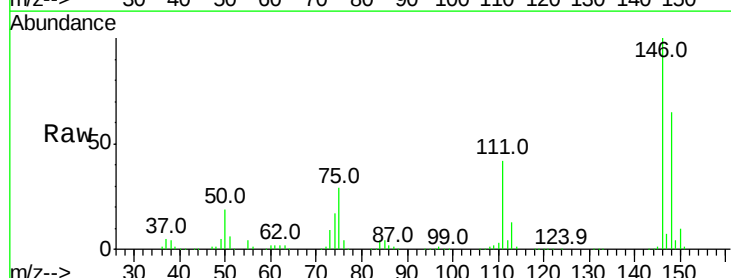
Manual Integrations
APPROVED

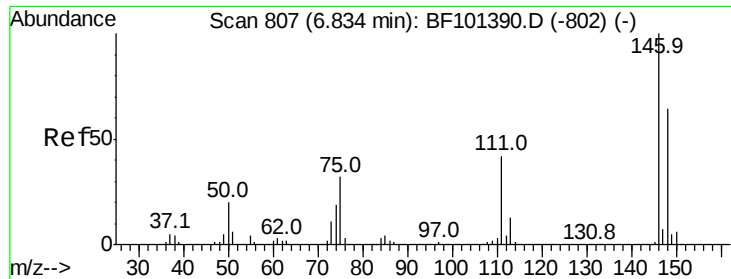
Sohil
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#12
1,3-Dichlorobenzene
Concen: 73.269 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	29.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 70.543 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

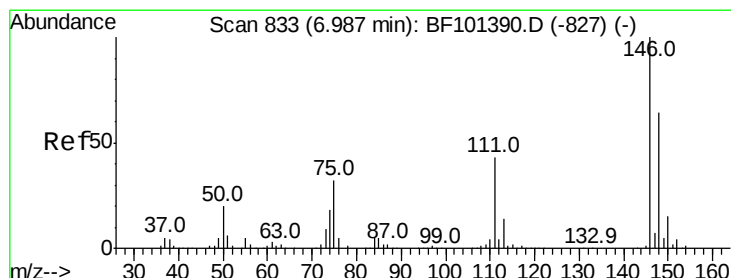
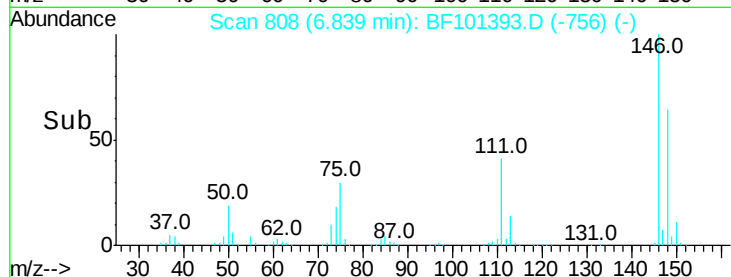
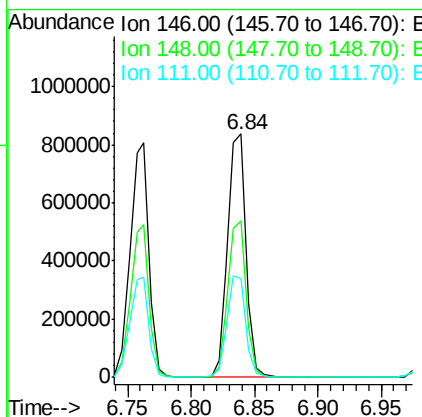
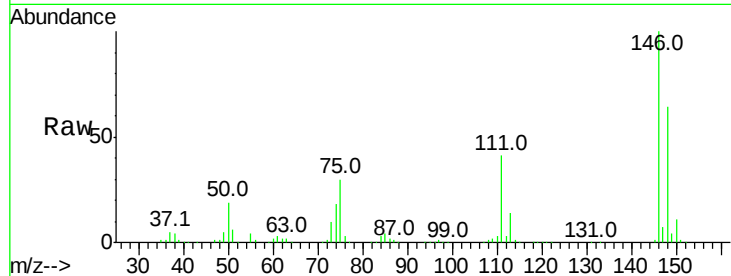
ClientSampleId :

SSTDIC080

Tot Ion:	146	Resp:	840035
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
111	40.7	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 64.291 ng

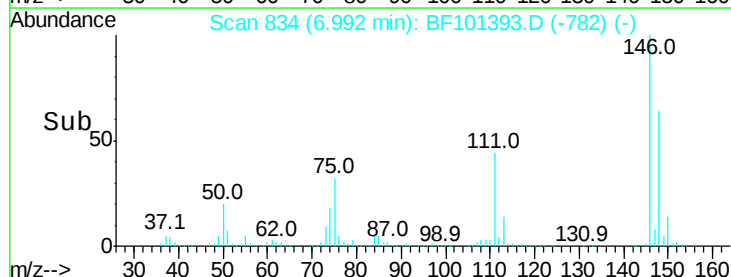
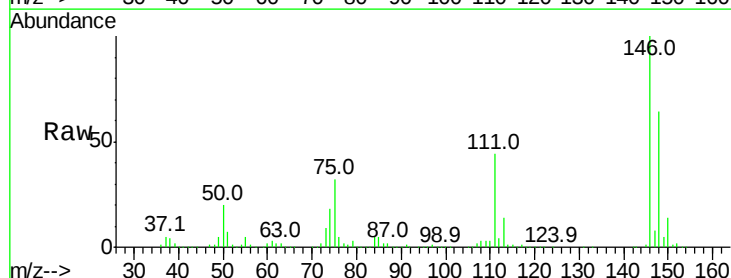
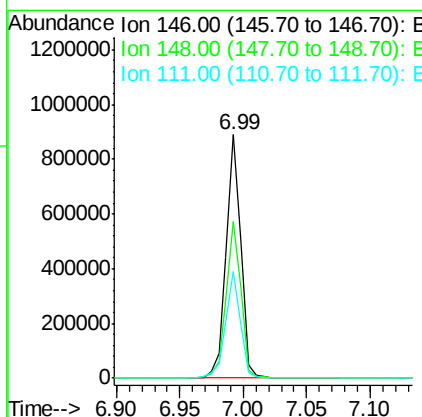
RT: 6.99 min Scan# 834

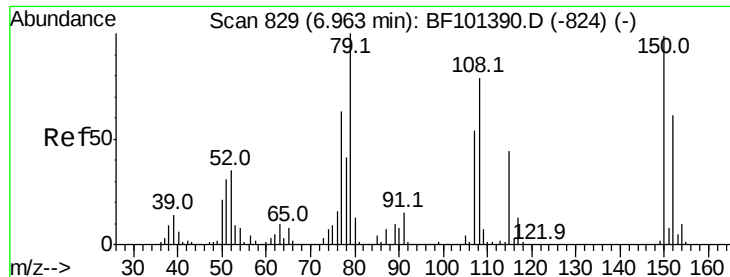
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:	146	Resp:	714094
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.6	75.8
111	43.6	36.0	54.0





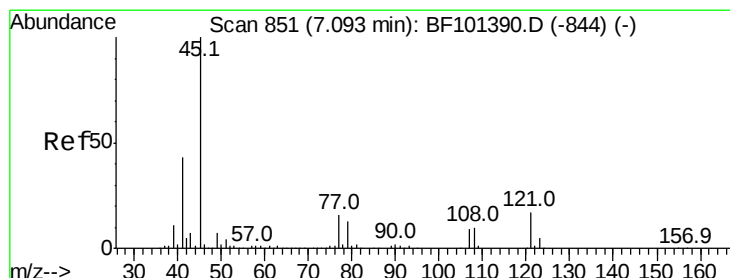
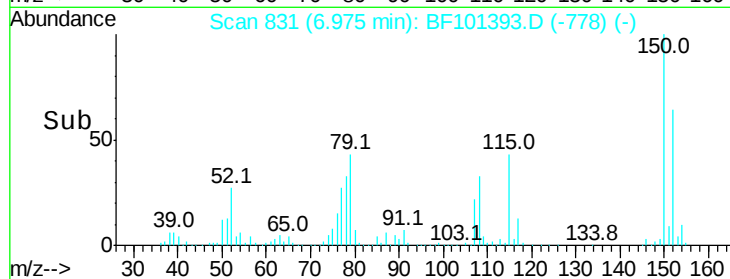
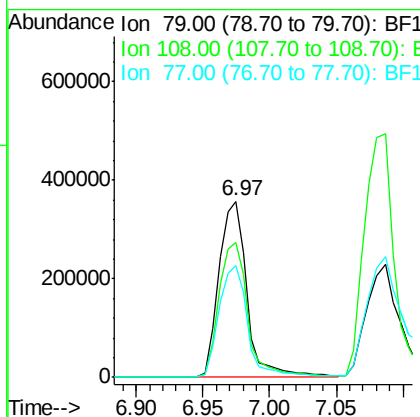
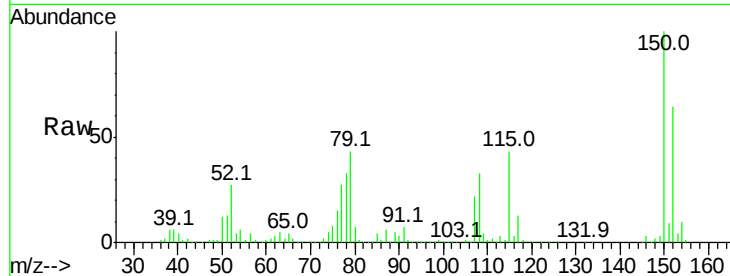
#15
Benzyl Alcohol
Concen: 62.970 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	65.1	97.7
77	63.1	50.6	75.8

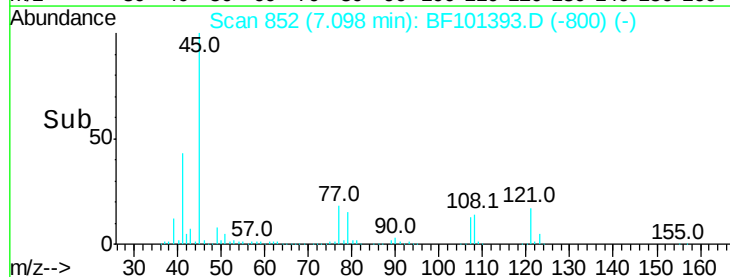
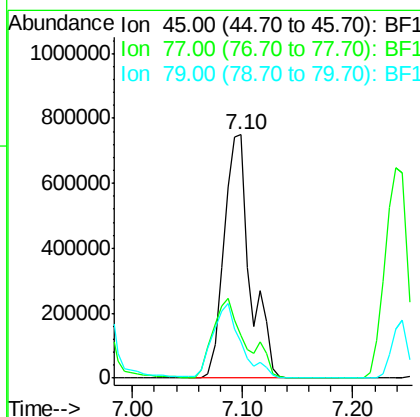
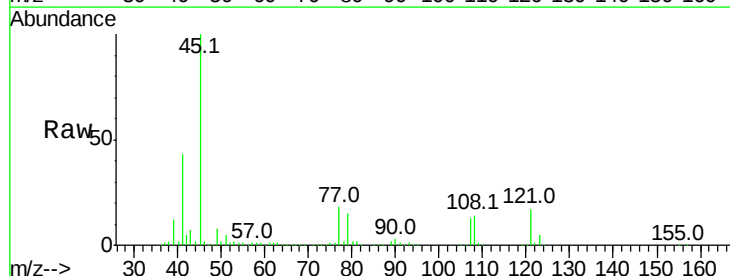
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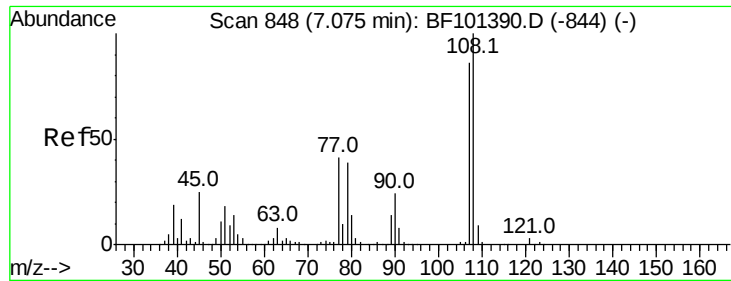
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 99.788 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	32.9
79	14.7	0.0	29.6





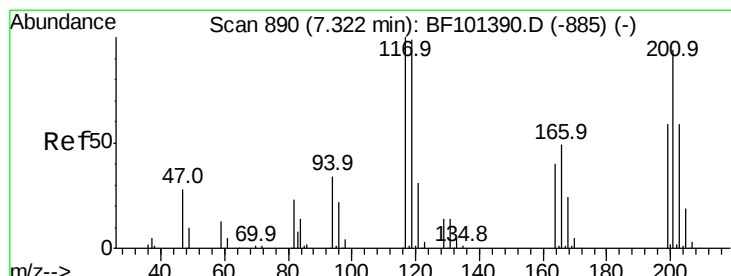
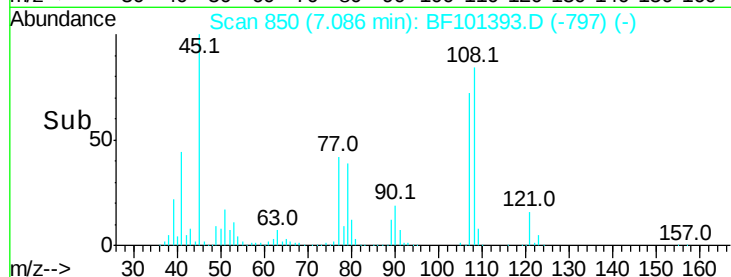
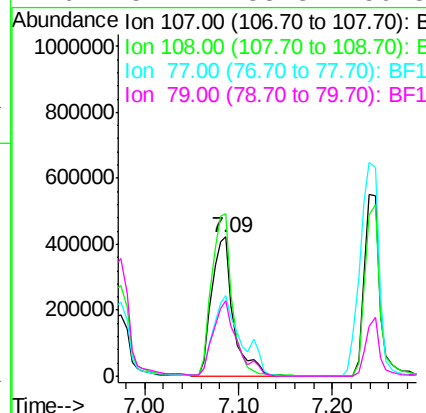
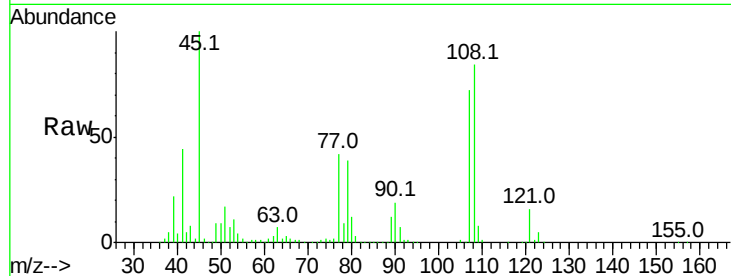
#17
2-Methylphenol
Concen: 86.203 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	687571		
108	117.3	91.7	137.5	
77	58.2	33.8	50.8#	
79	54.7	33.8	50.8#	

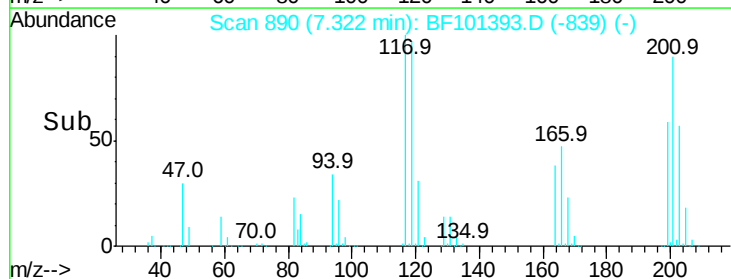
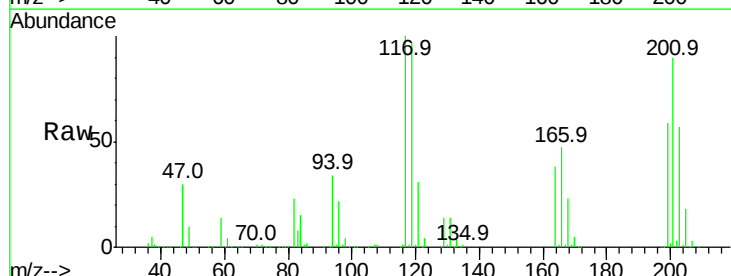
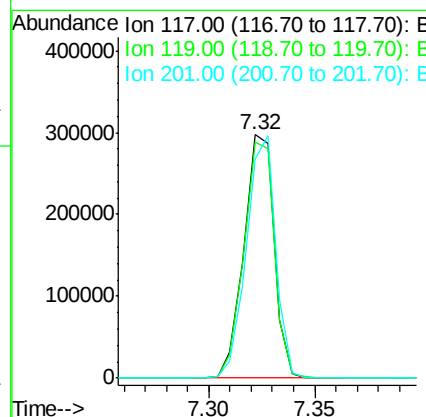
Manual Integrations
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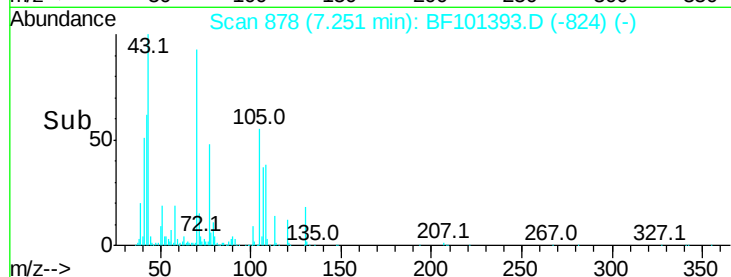
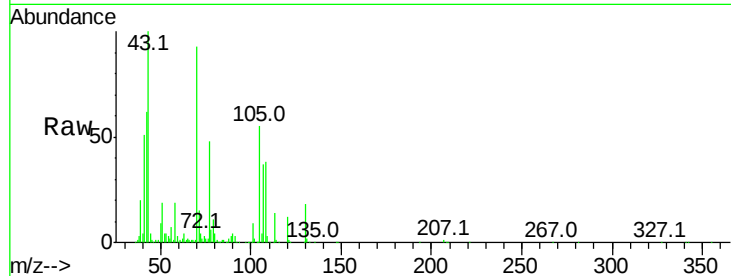
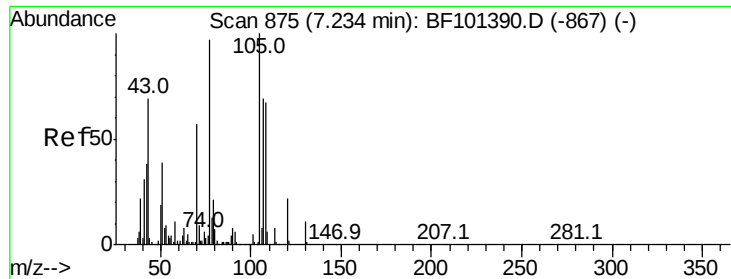
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#18
Hexachloroethane
Concen: 77.155 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	295178		
119	97.1	75.8	113.8	
201	90.1	75.7	113.5	





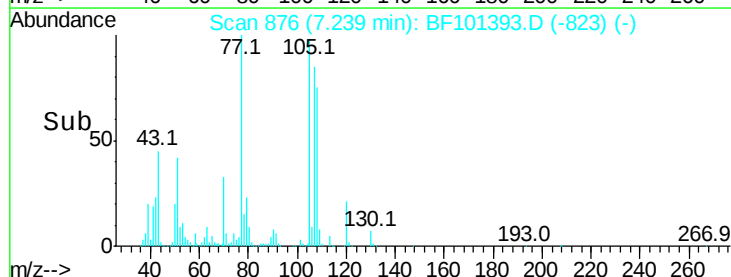
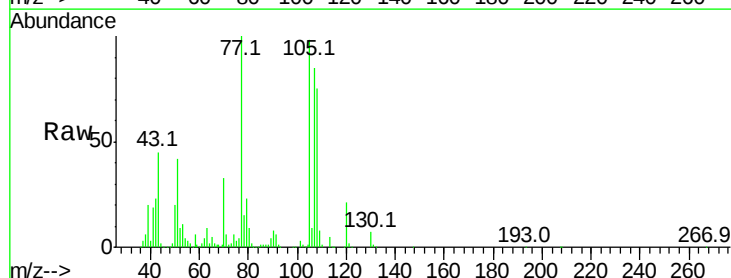
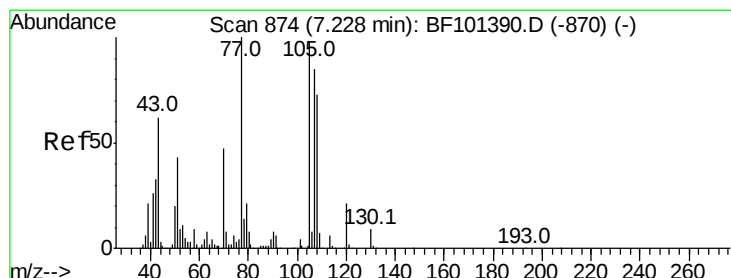
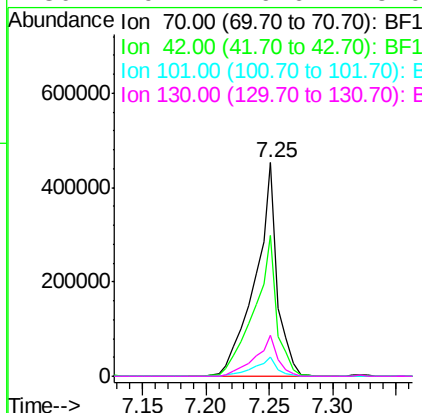
#19
n-Nitroso-di-n-propylamine
Concen: 74.151 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.1	47.5	71.3	
101	9.1	7.4	11.2	
130	19.4	16.6	25.0	

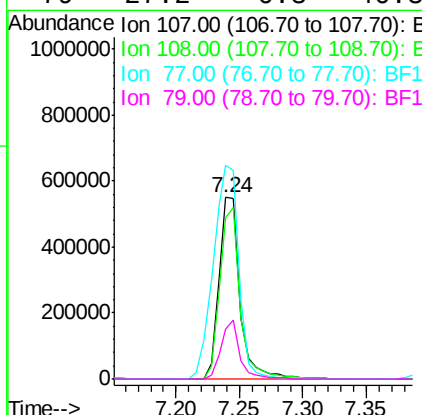
Manual Integrations
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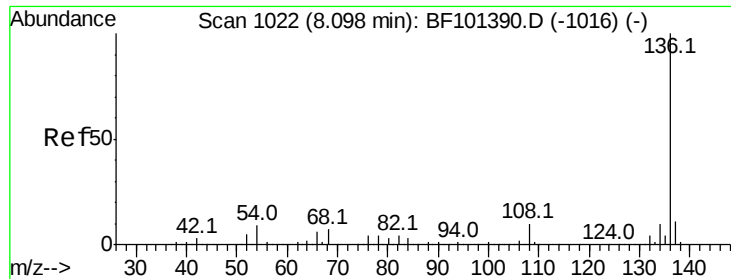
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#20
3+4-Methylphenols
Concen: 61.496 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	68.2	108.2	
77	117.9	26.7	66.7#	
79	27.2	6.3	46.3	





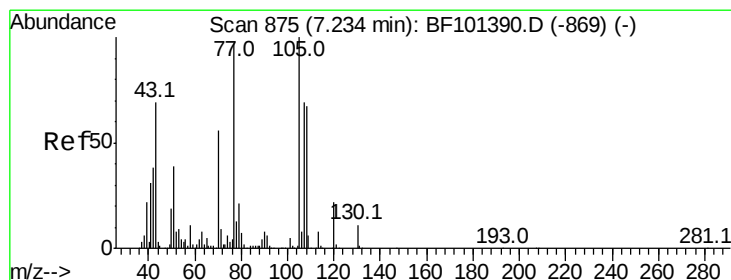
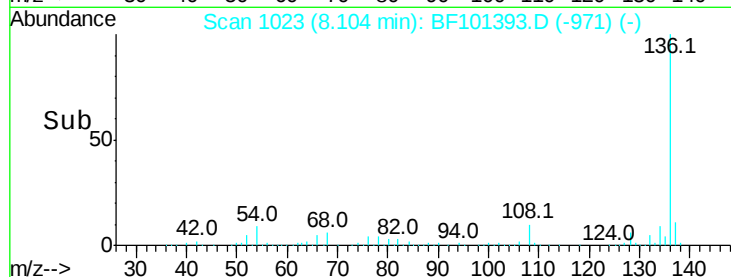
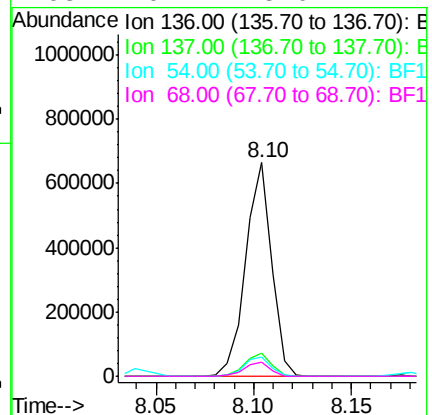
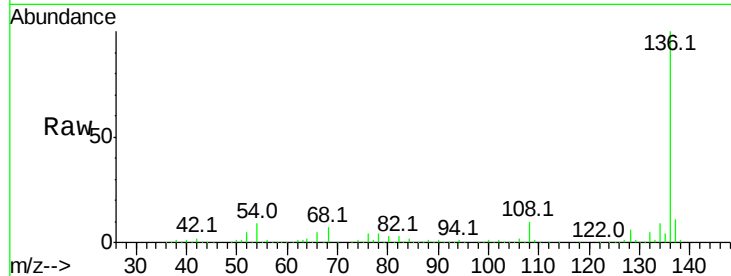
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	610560		
137	11.1		8.9	13.3
54	9.2		6.6	9.8
68	6.7		5.0	7.4

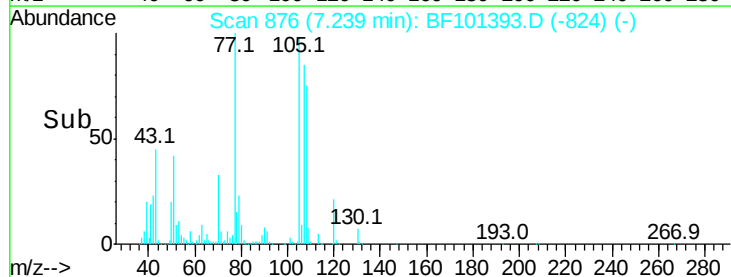
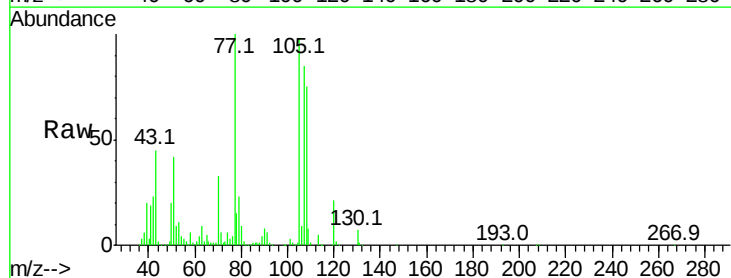
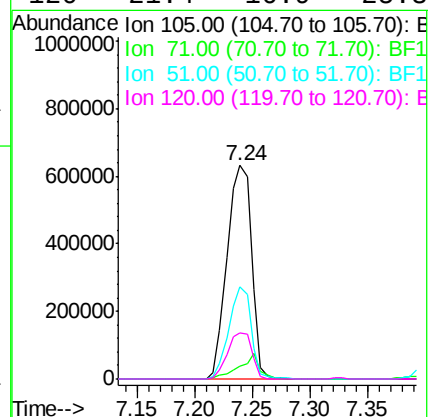
Manual Integrations
APPROVED

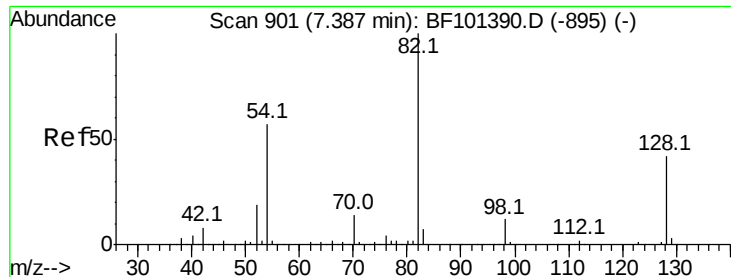
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#22
Acetophenone
Concen: 63.312 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	933899		
71	5.8		4.4	6.6
51	43.0		22.3	33.5#
120	21.4		16.9	25.3





#23
 Nitrobenzene-d5
 Concen: 157.855 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

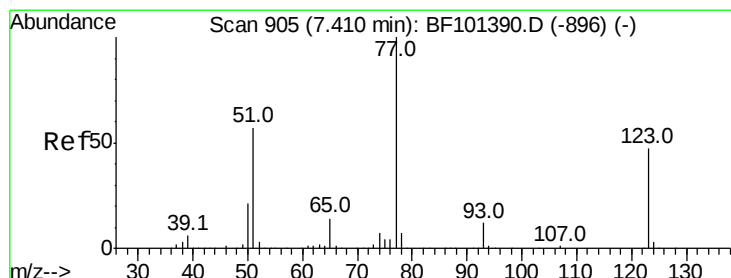
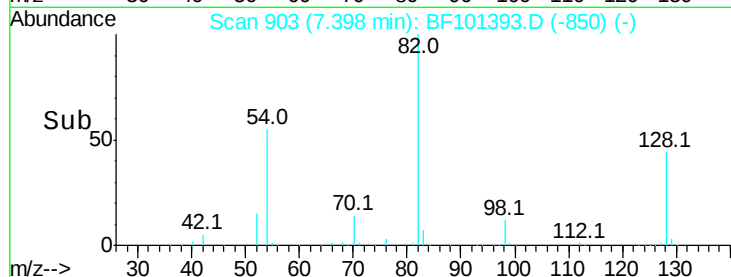
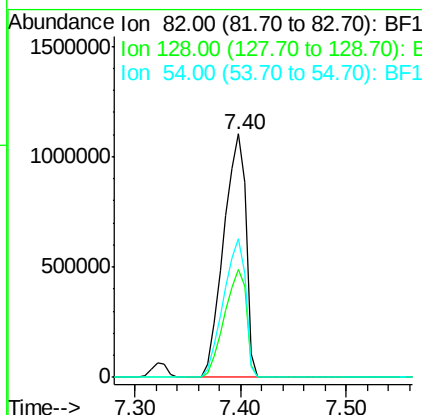
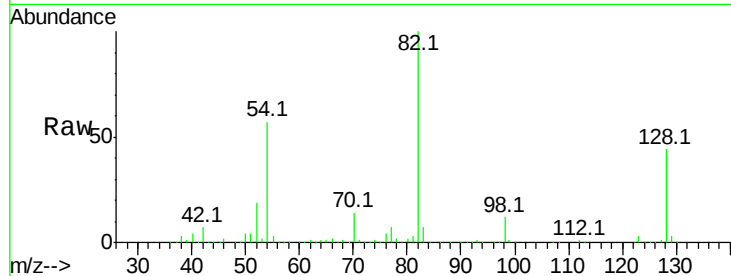
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion: 82 Resp: 1615670

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	56.8	41.4	62.2

Manual Integrations
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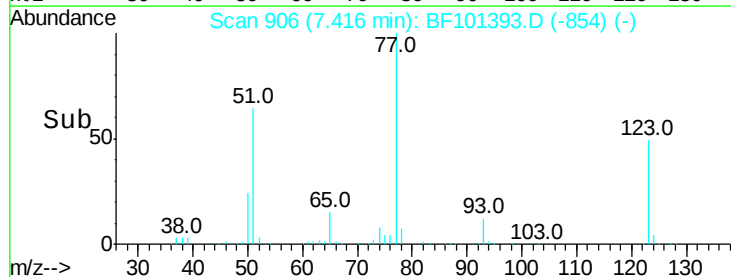
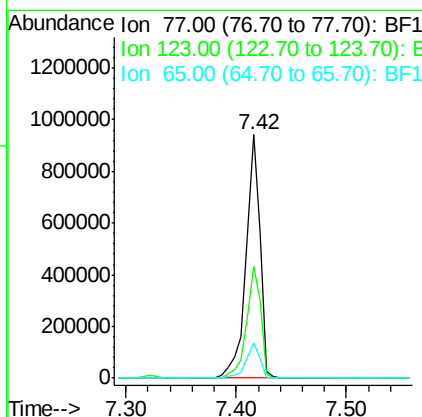
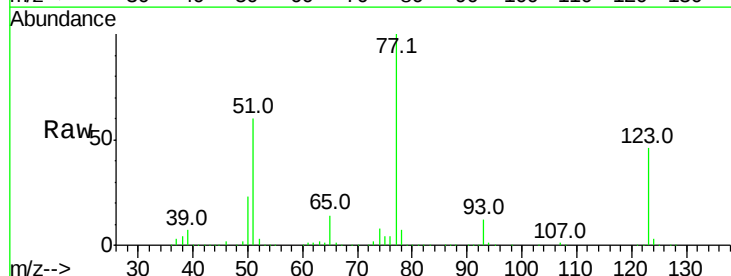
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 12/15/2017 6:43:52 PM

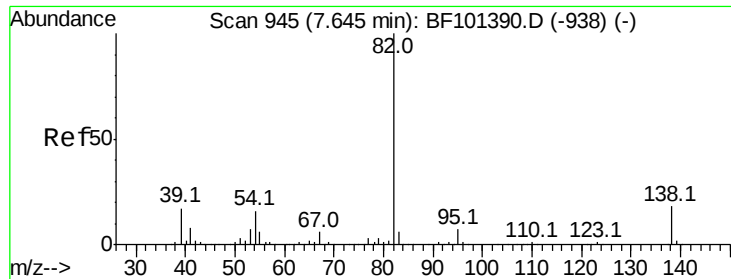


#24
 Nitrobenzene
 Concen: 83.874 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion: 77 Resp: 841364

Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 94.364 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 1649750

Ion Ratio Lower Upper

82 100

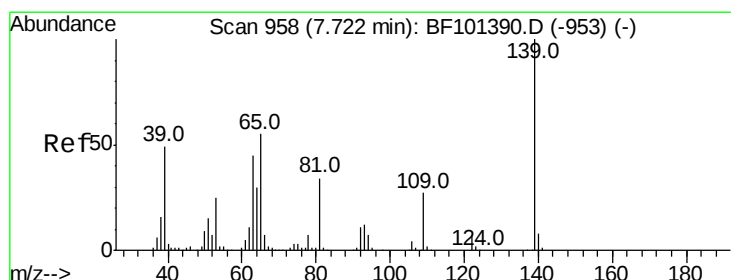
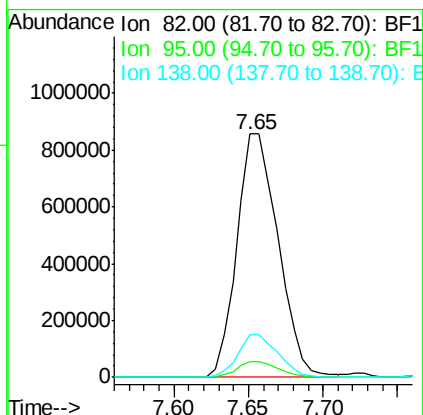
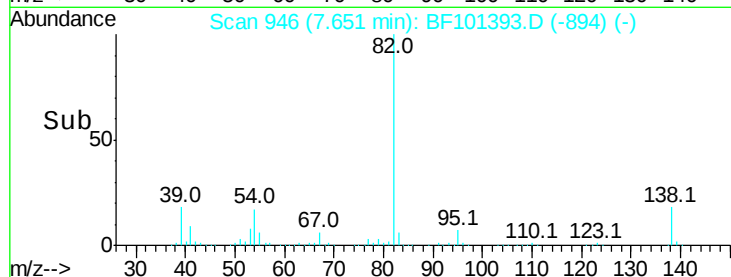
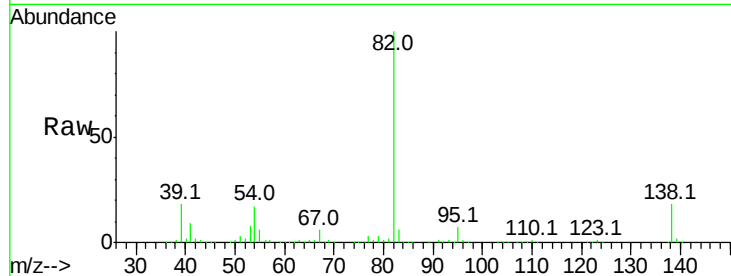
95 6.6 5.2 7.8

138 17.5 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 75.371 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

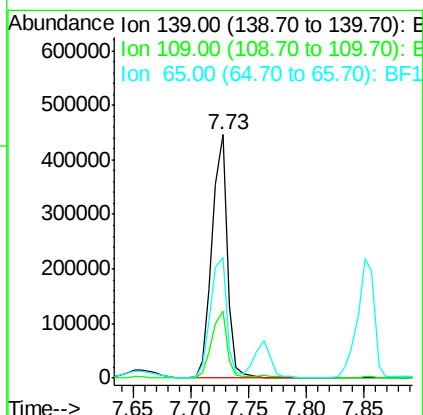
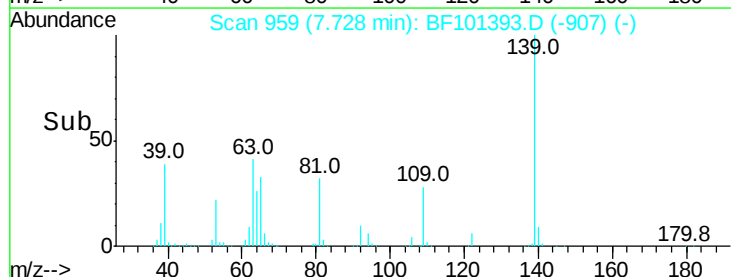
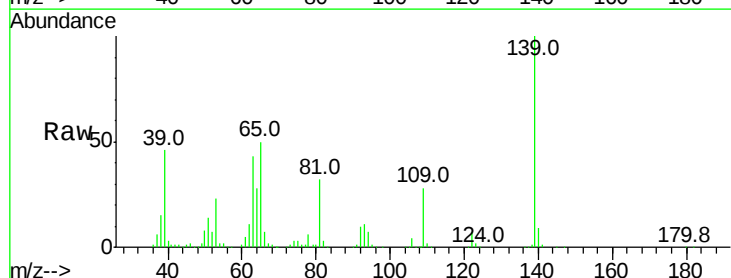
Tgt Ion: 139 Resp: 415042

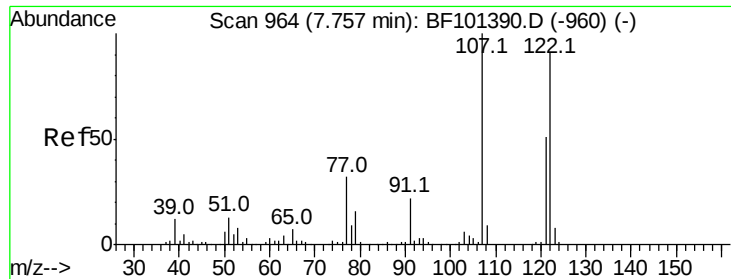
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 49.6 40.5 60.7





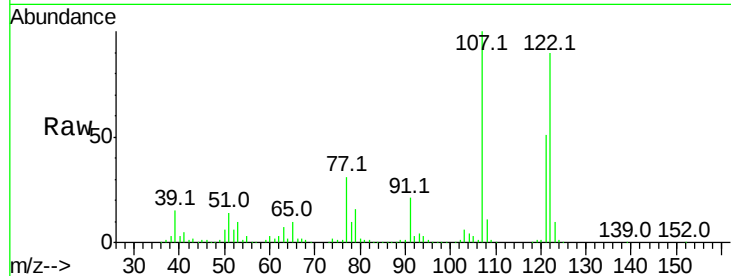
#27
2,4-Dimethylphenol
Concen: 79.742 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	91.2	136.8
121	56.3	47.2	70.8

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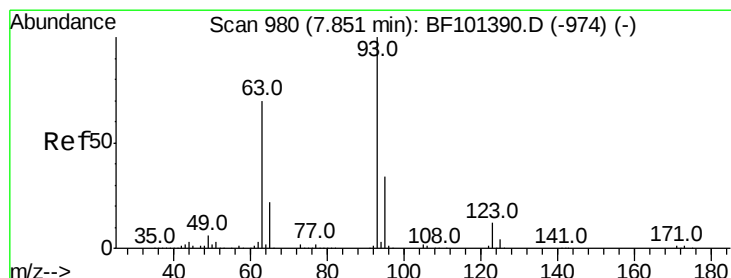
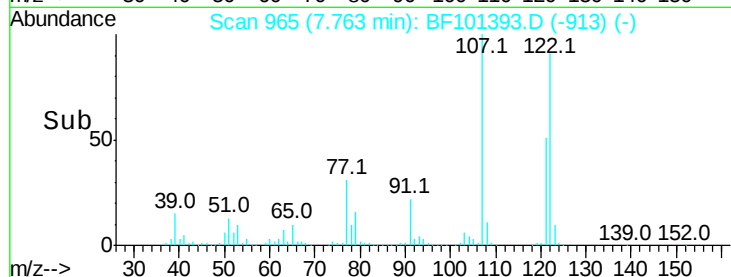
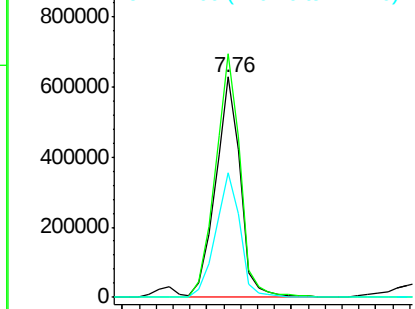


Abundance

Ion 122.00 (121.70 to 122.70): E

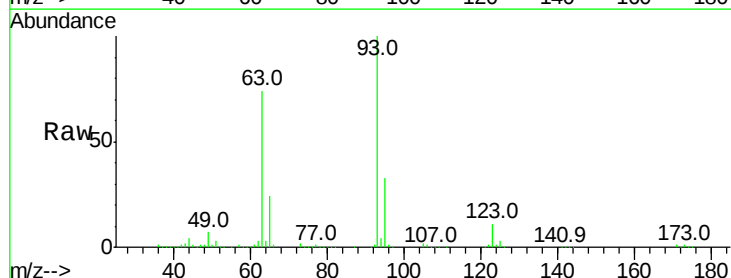
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 82.321 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	10.7	9.8	14.6

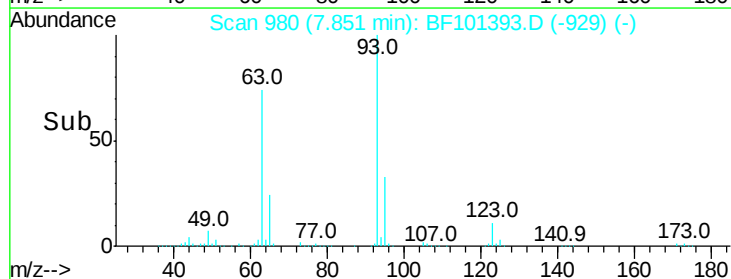
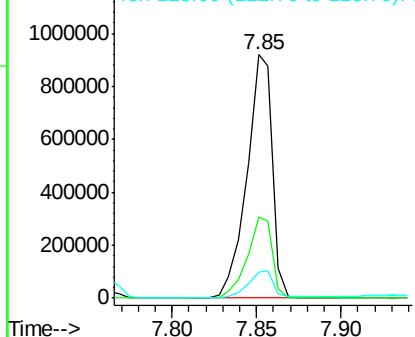


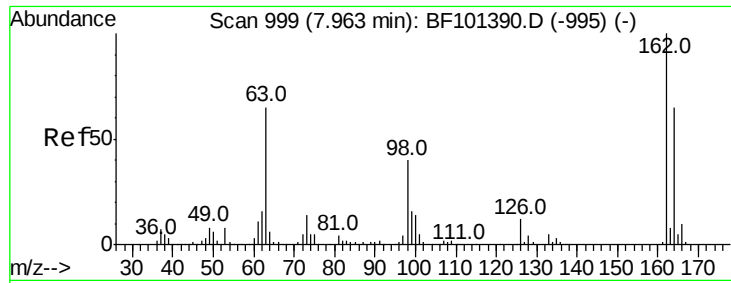
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





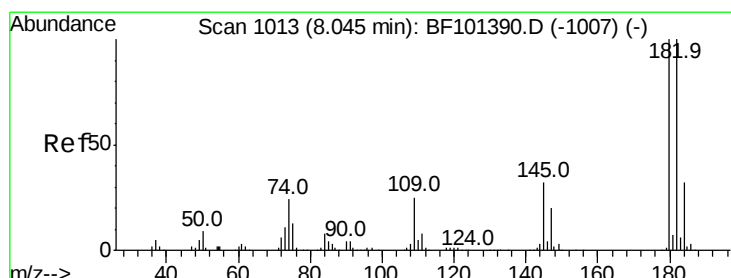
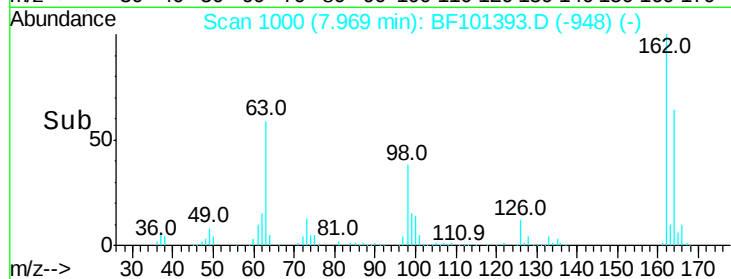
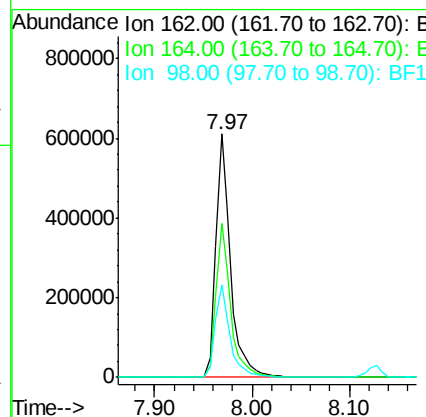
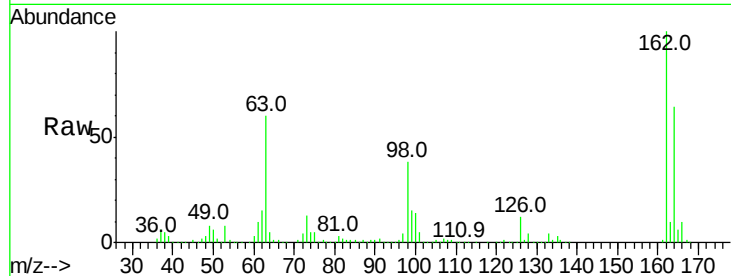
#29
2,4-Dichlorophenol
Concen: 73.031 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	633245		
164	63.5	42.7	82.7	
98	38.2	18.1	58.1	

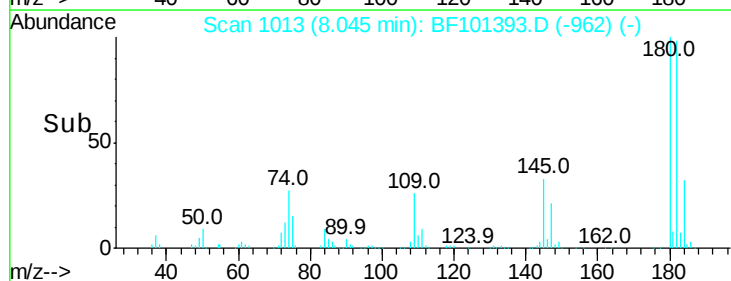
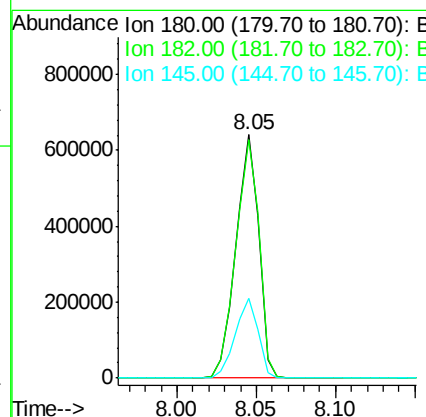
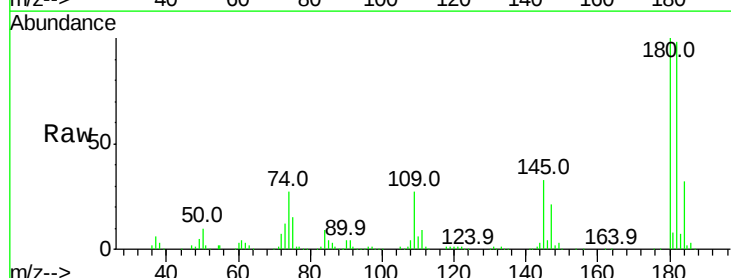
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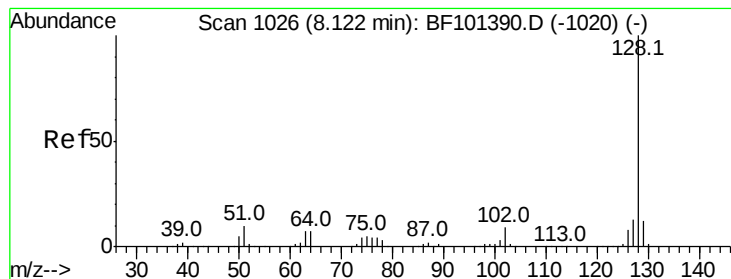
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#30
1,2,4-Trichlorobenzene
Concen: 67.393 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	642552		
182	98.0	76.8	115.2	
145	33.0	26.5	39.7	





#31

Naphthalene

Concen: 67.835 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 2041265

Ion Ratio Lower Upper

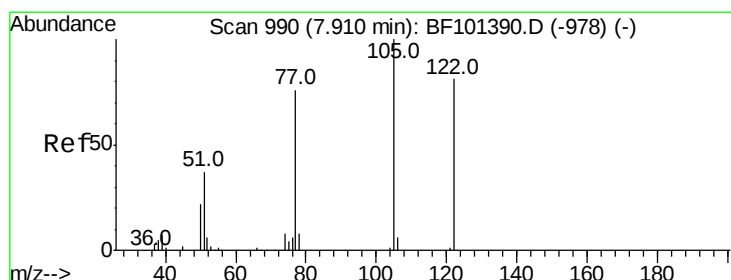
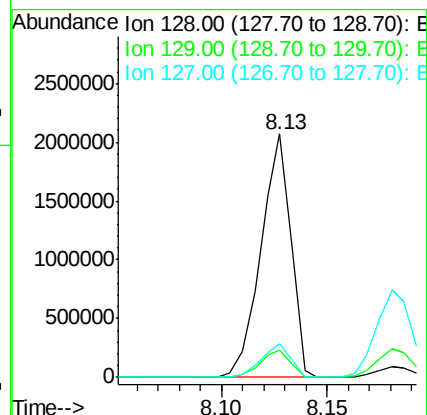
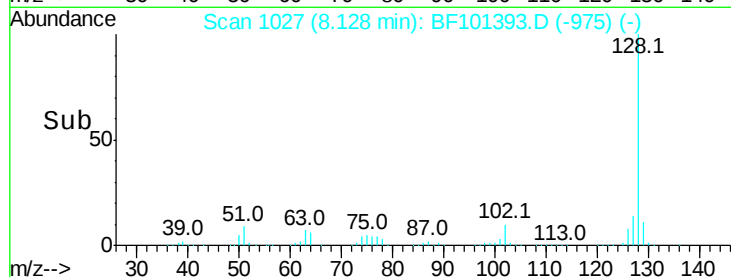
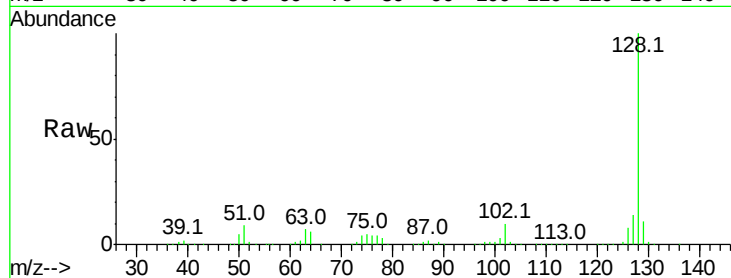
128 100

129 11.4 8.8 13.2

127 13.8 10.9 16.3

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#32

Benzoic acid

Concen: 85.179 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

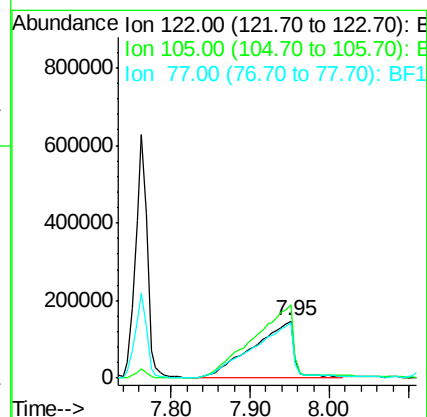
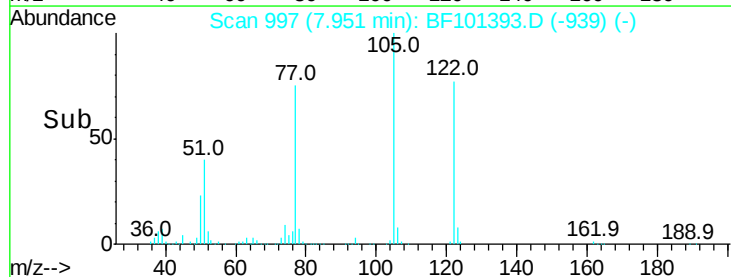
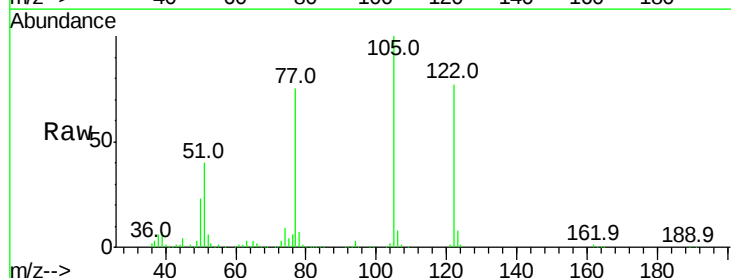
Tgt Ion:122 Resp: 527739

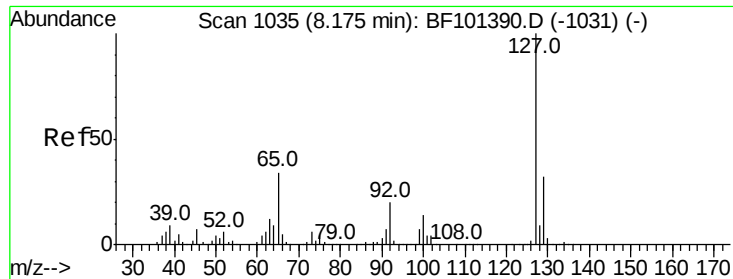
Ion Ratio Lower Upper

122 100

105 129.3 101.1 141.1

77 97.4 70.7 110.7





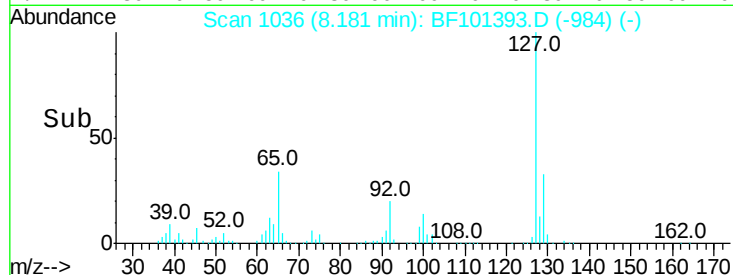
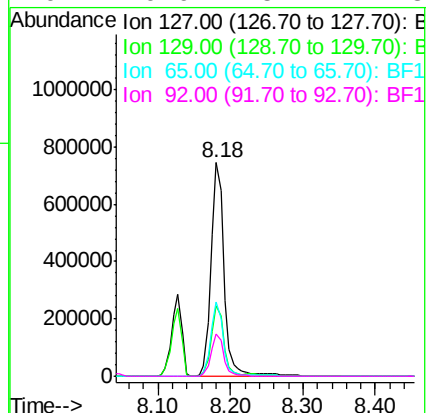
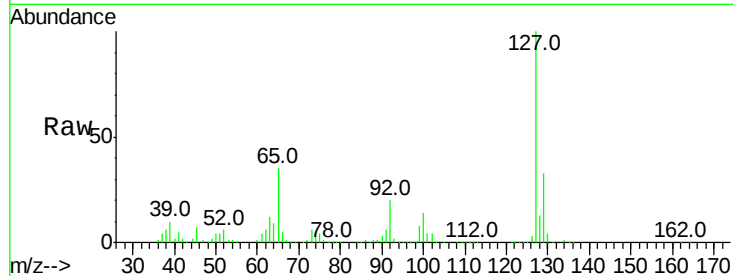
#33
4-Chloroaniline
Concen: 77.538 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	34.5	25.0	37.4
92	19.9	15.2	22.8

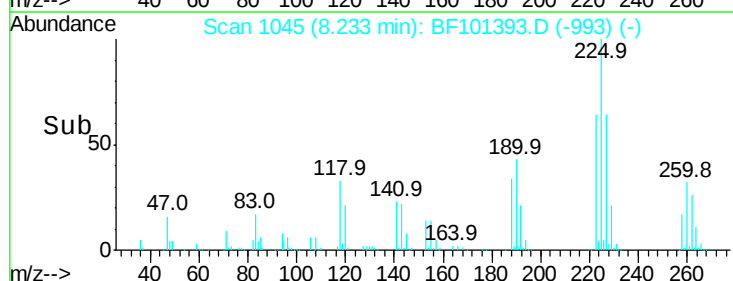
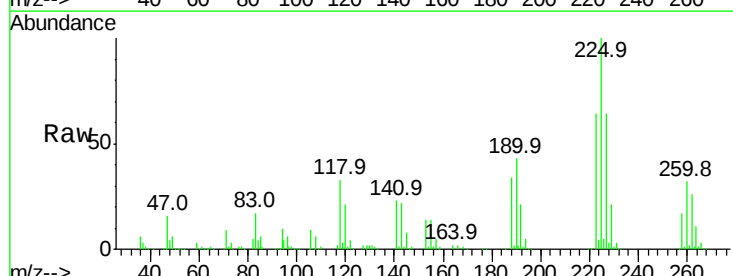
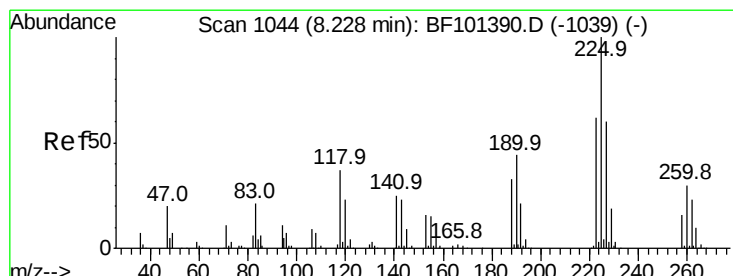
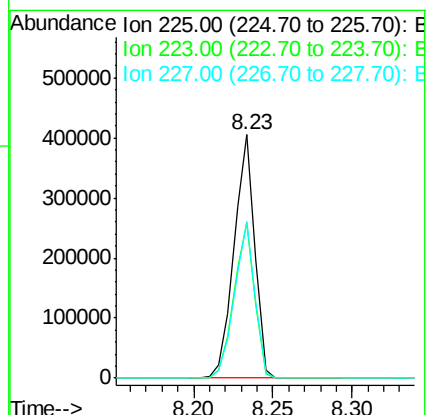
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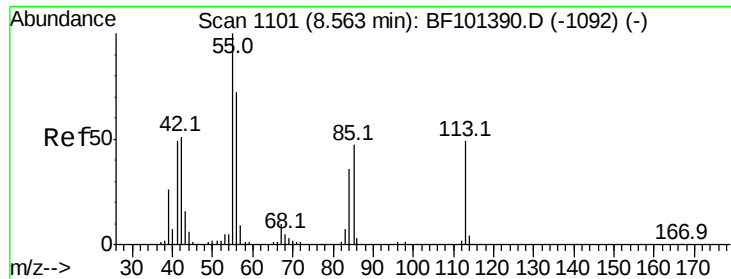
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#34
Hexachlorobutadiene
Concen: 62.567 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	64.2	51.9	77.9





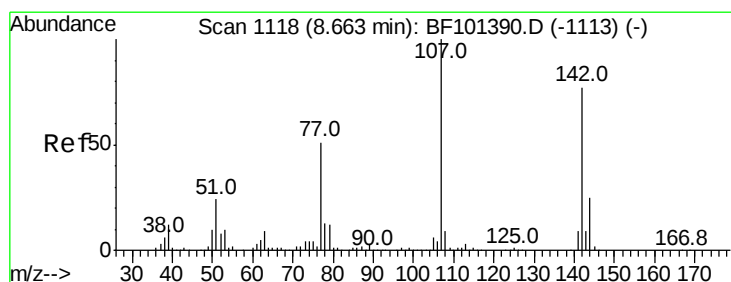
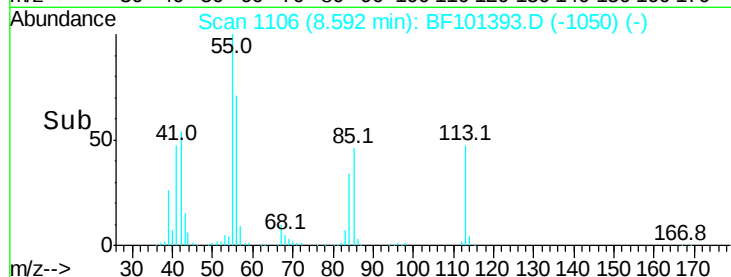
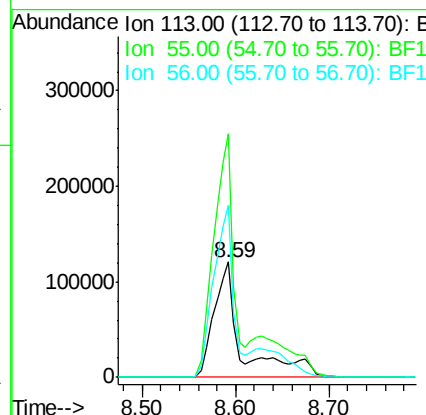
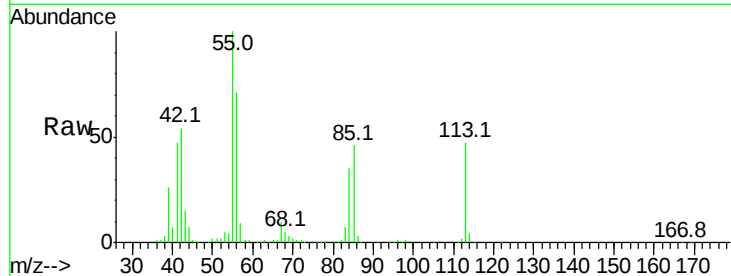
#35
Caprolactam
Concen: 93.116 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.03 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.5	163.3	203.3
56	149.2	115.7	155.7

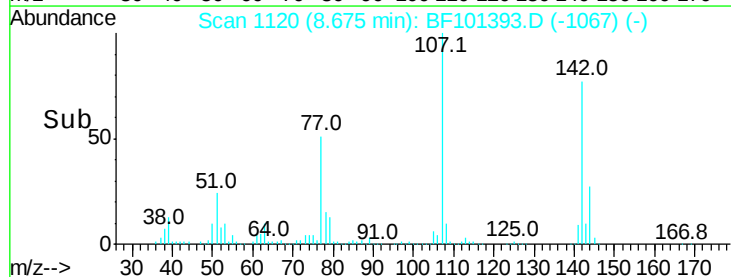
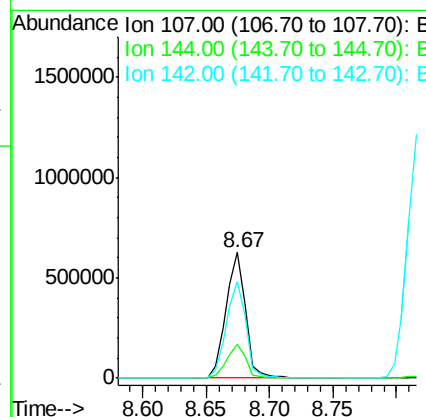
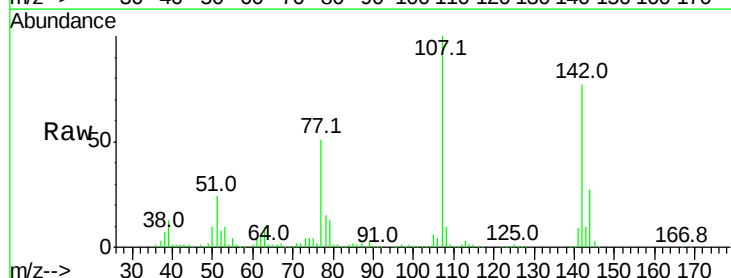
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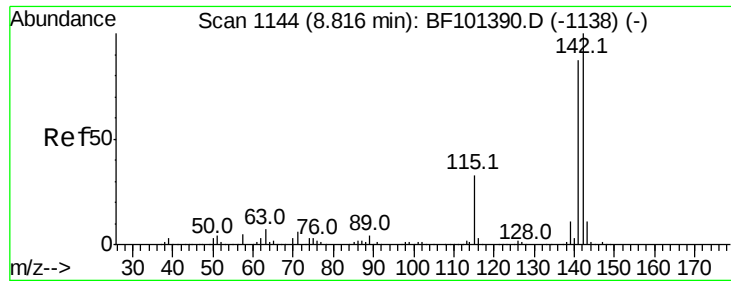
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#36
4-Chloro-3-methylphenol
Concen: 74.914 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.5	30.7
142	76.5	62.0	93.0





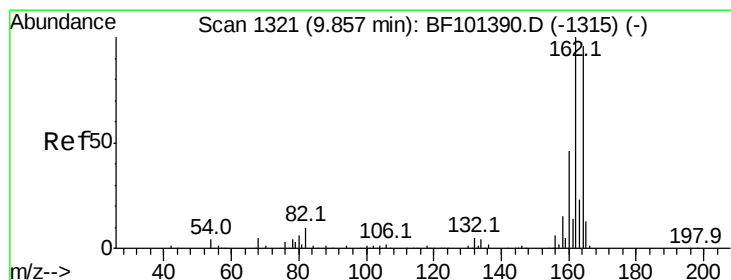
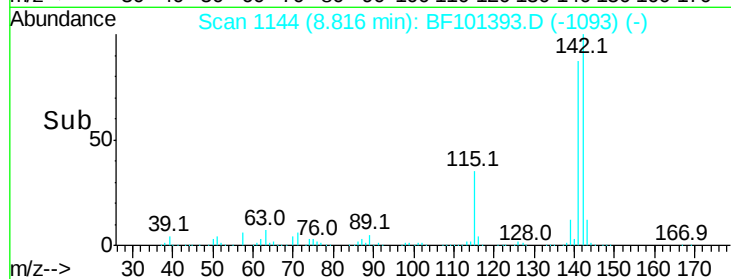
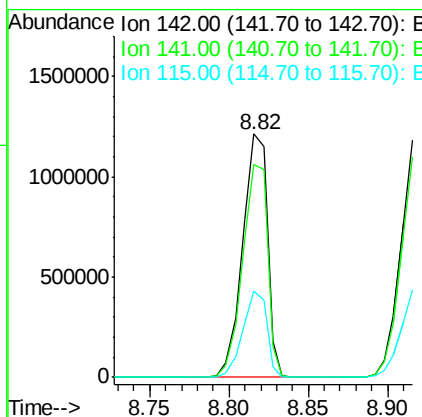
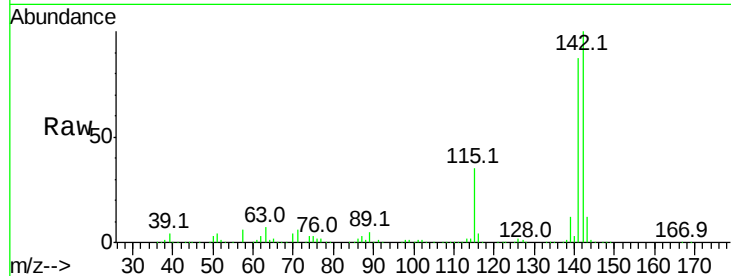
#37
2-Methylnaphthalene
Concen: 64.130 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 1311244
Ion Ratio Lower Upper
142 100
141 87.4 70.8 106.2
115 35.3 26.1 39.1

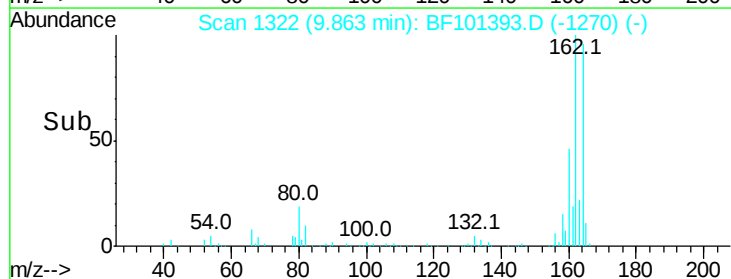
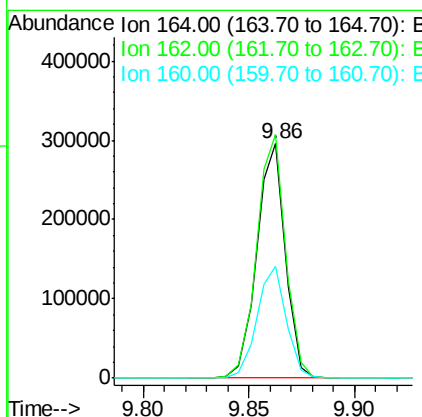
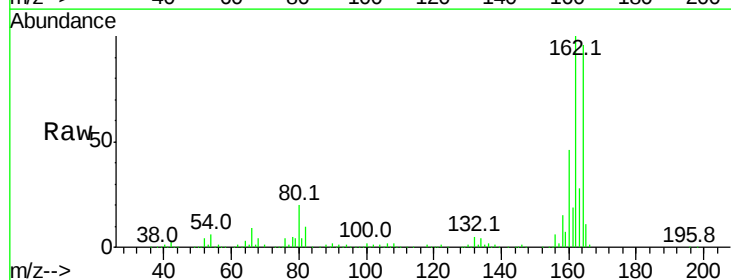
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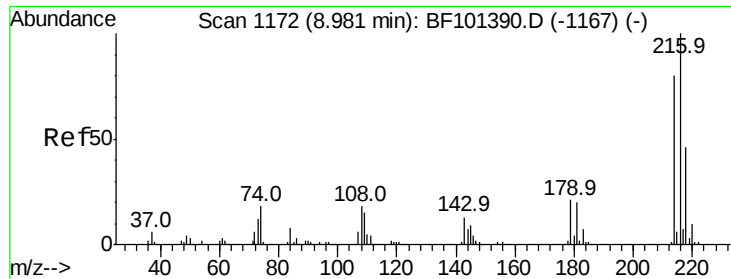
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:164 Resp: 277364
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.5 38.3 57.5





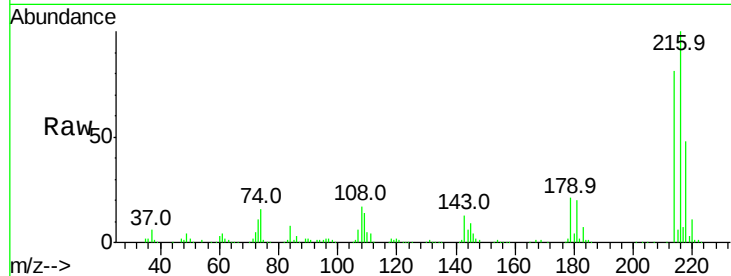
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.631 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

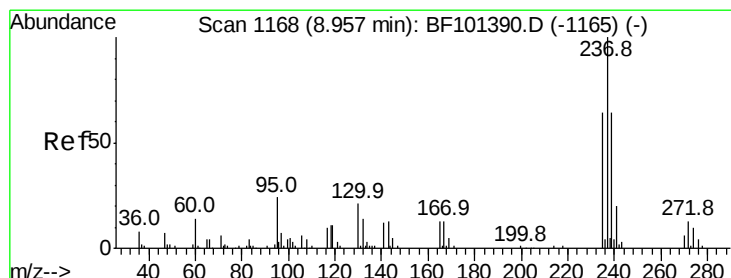
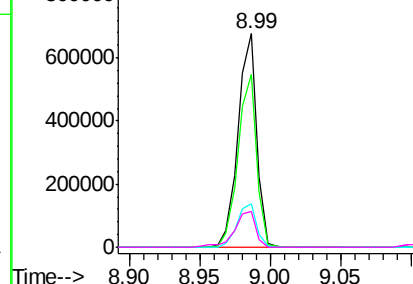
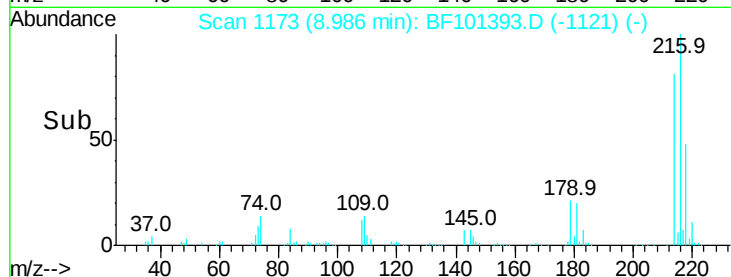
Tot Ion	Ratio	Resp	Lower	Upper
216	100	620994		
214	80.5	63.0	94.4	
179	21.0	18.1	27.1	
108	18.9	17.2	25.8	

Manual Integrations
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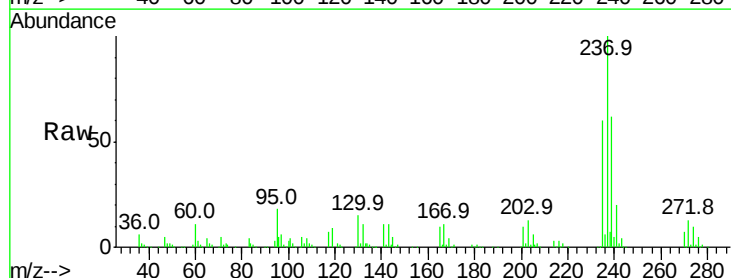


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

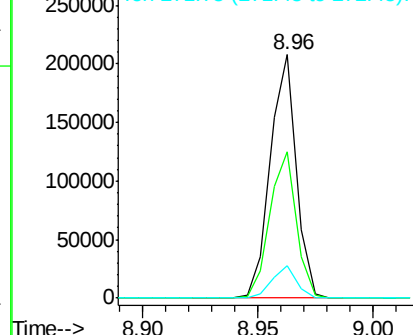
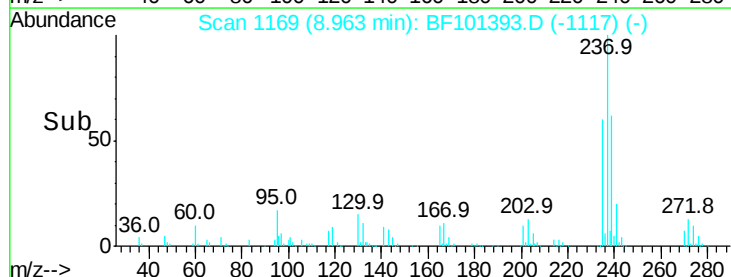


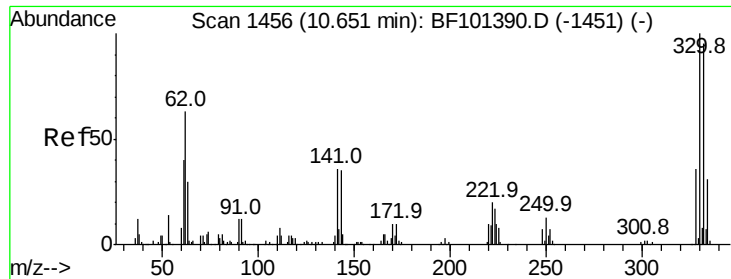
#40
 Hexachlorocyclopentadiene
 Concen: 54.800 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	163612		
235	60.2	44.8	84.8	
272	13.2	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 113.074 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

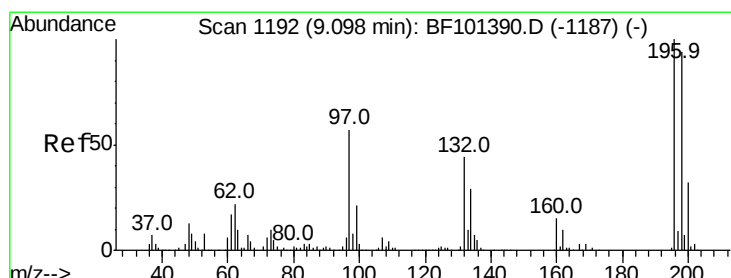
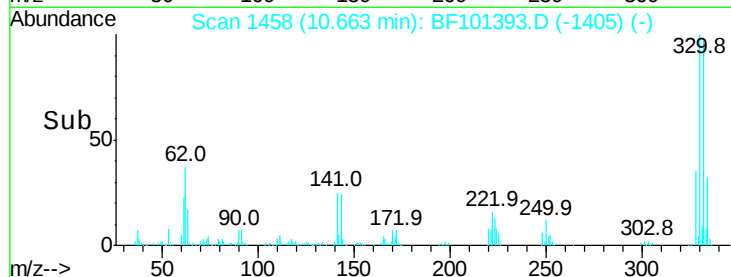
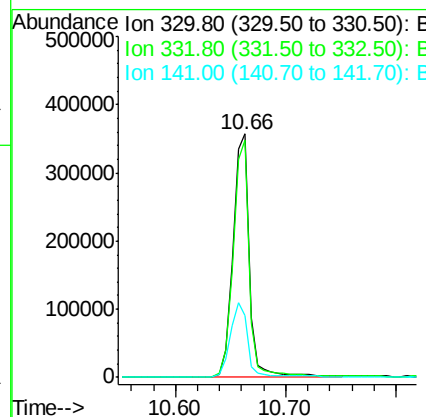
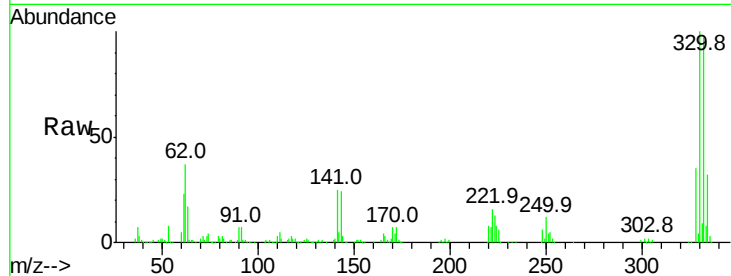
ClientSampleId :

SSTDIC080

Tot Ion:	330	Resp:	376755
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	32.3	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 69.992 ng

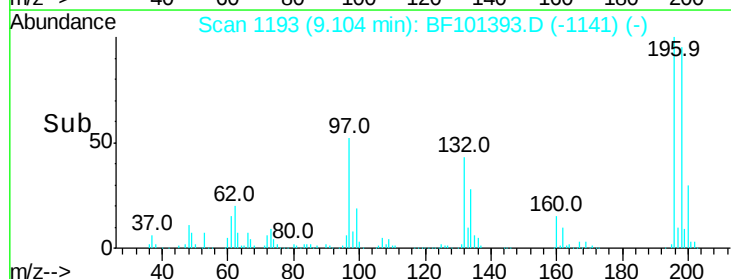
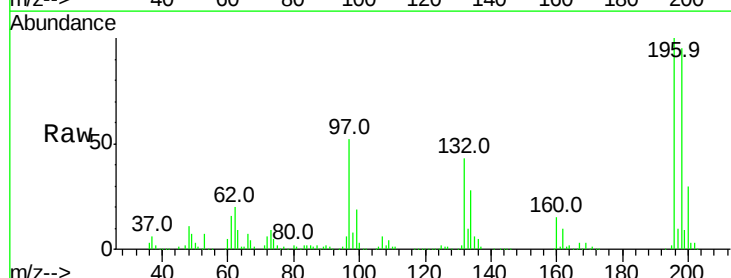
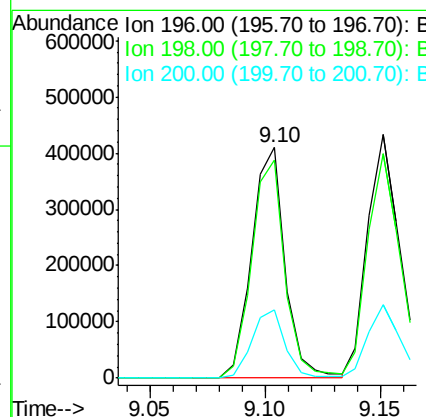
RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:	196	Resp:	413420
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
200	29.9	24.5	36.7





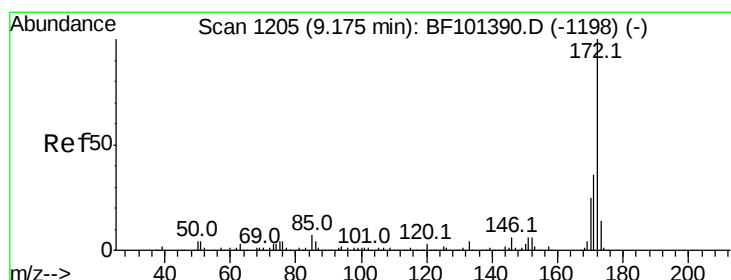
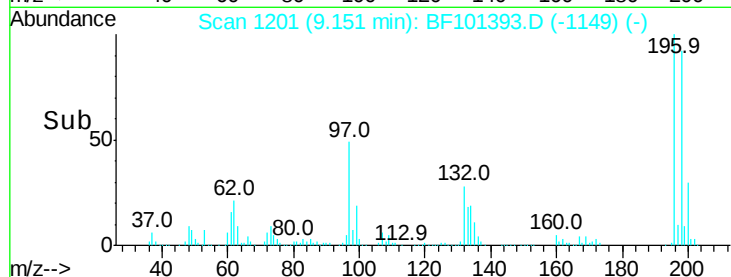
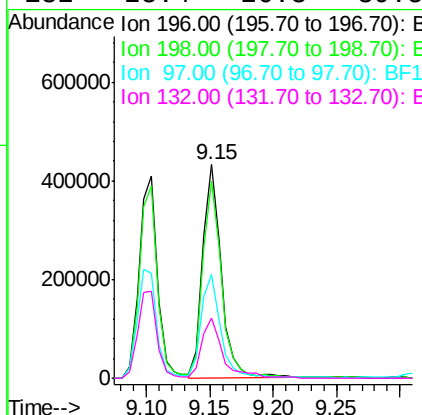
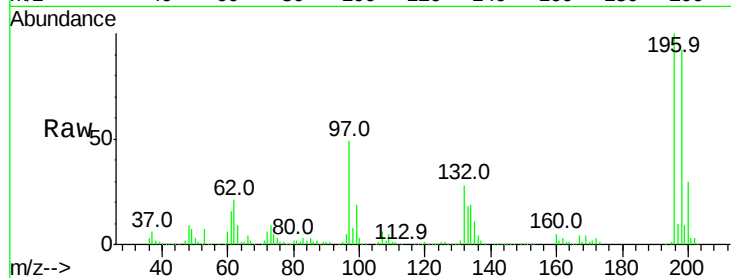
#43
 2,4,5-Trichlorophenol
 Concen: 70.173 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	196	Resp:	443120
Ion Ratio	Lower	Upper	
196	100		
198	92.2	74.6	112.0
97	48.7	42.9	64.3
132	28.4	26.3	39.5

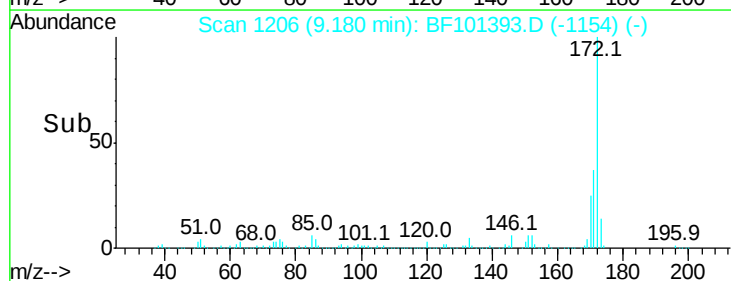
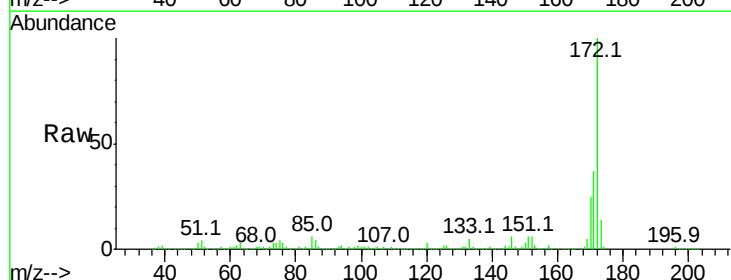
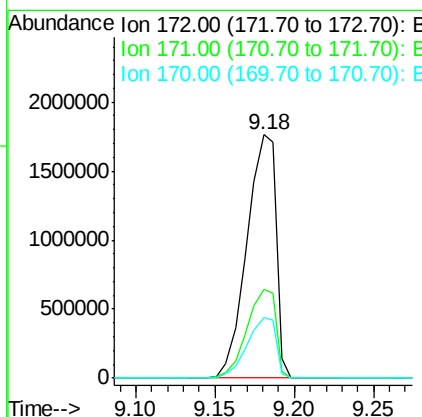
Manual Integrations
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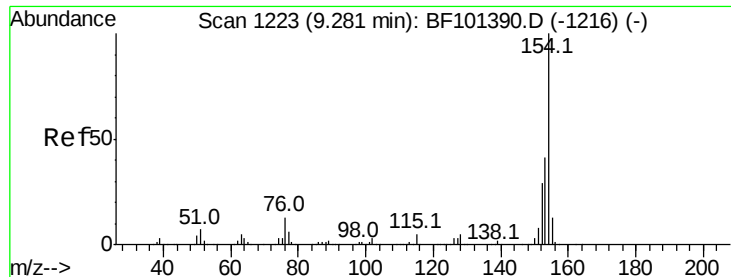
Sohil
 12/15/2017 6:43:52 PM



#44
 2-Fluorobiphenyl
 Concen: 111.323 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:	172	Resp:	2256754
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 62.282 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1582724

Ion Ratio Lower Upper

154 100

153 41.6 21.3 61.3

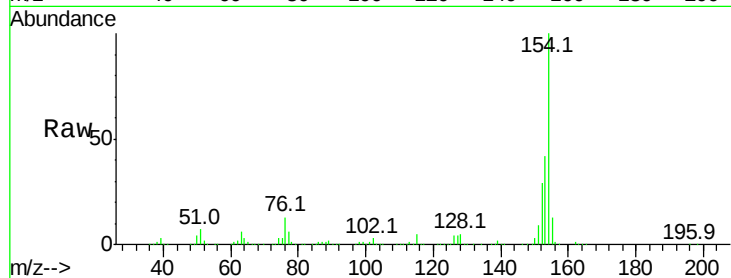
76 12.9 0.0 34.0

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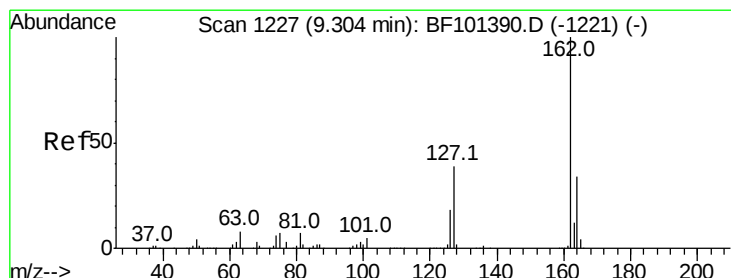
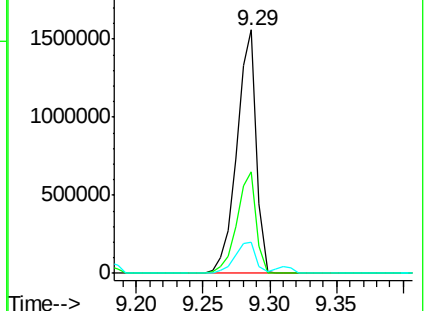
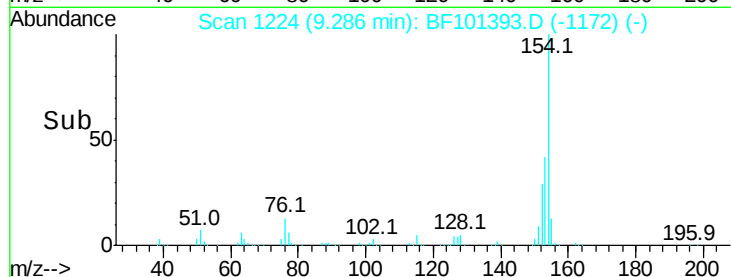
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 69.036 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

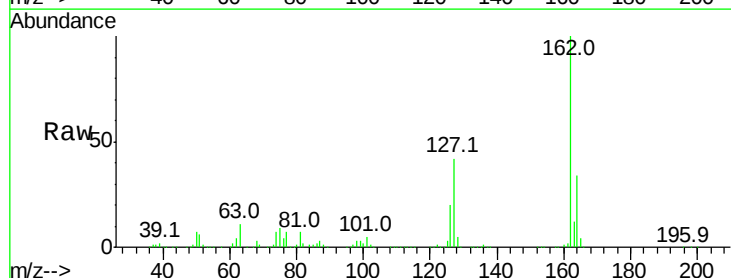
Tgt Ion:162 Resp: 1245911

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

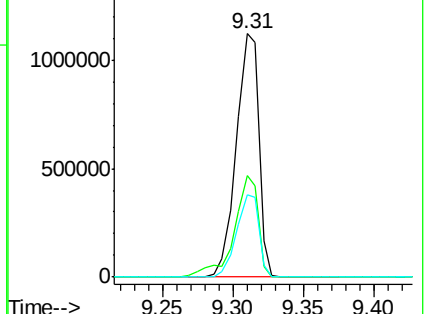
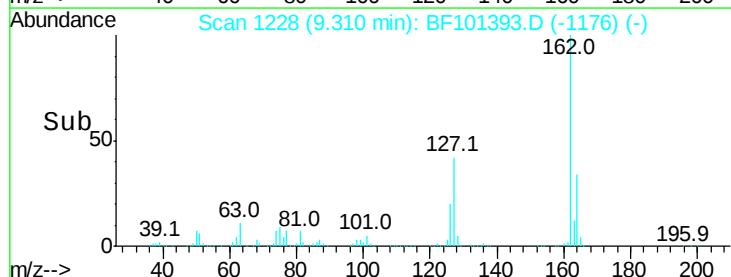
164 33.7 26.5 39.7

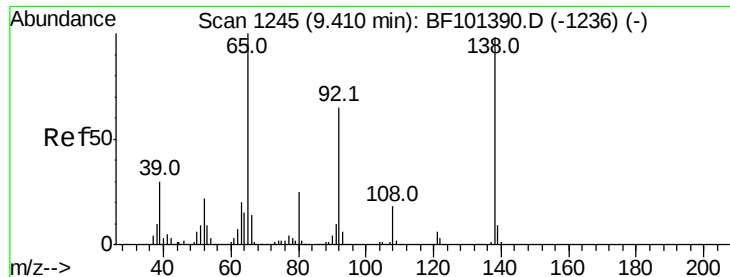


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 92.903 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

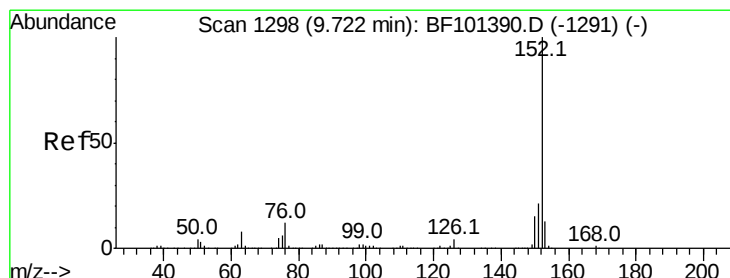
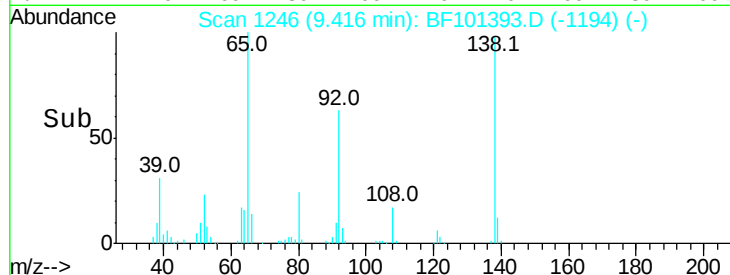
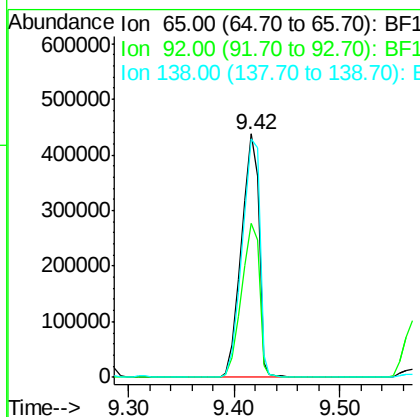
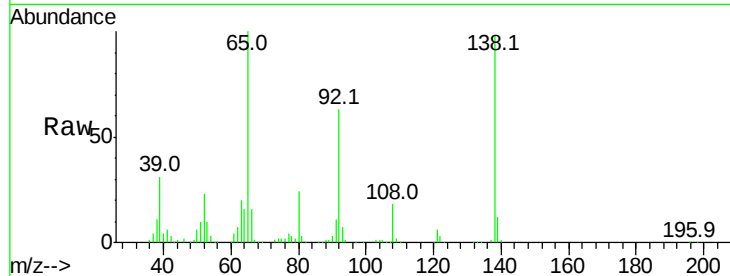
ClientSampleId :

SSTDICC080

Tot Ion:	65	Resp:	496053
Ion Ratio	Lower	Upper	
65	100		
92	63.0	55.8	83.6
138	97.9	91.2	136.8

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#48

Acenaphthylene

Concen: 62.899 ng

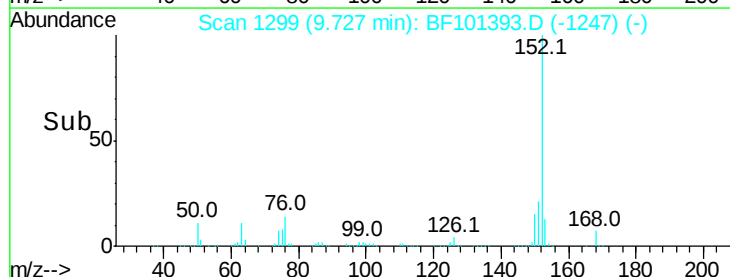
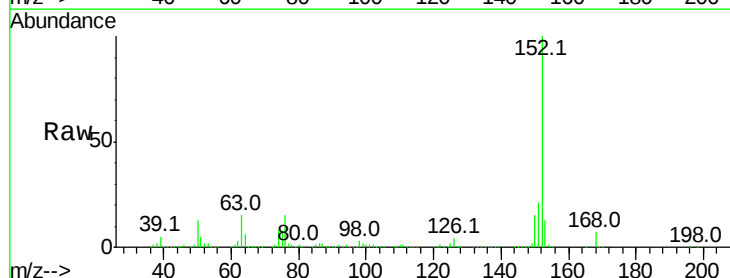
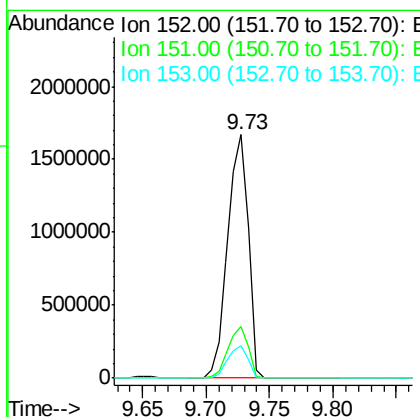
RT: 9.73 min Scan# 1299

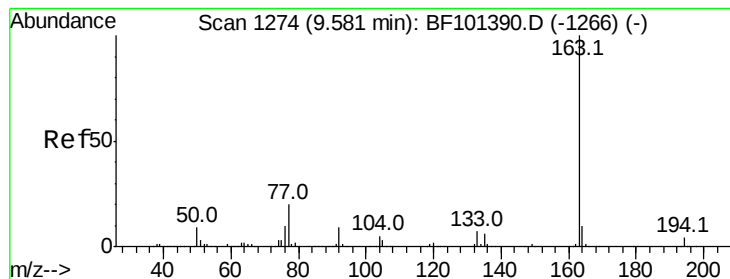
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:	152	Resp:	1865498
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 69.511 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:163 Resp: 1554876

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

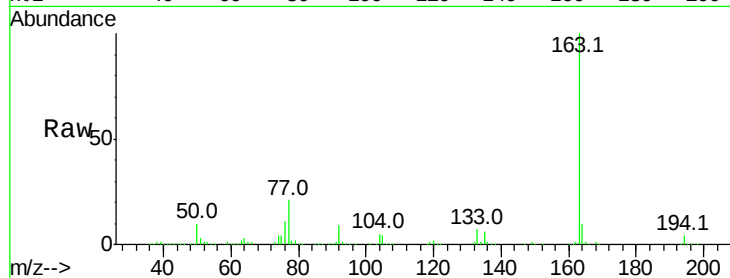
164 10.4 8.2 12.2

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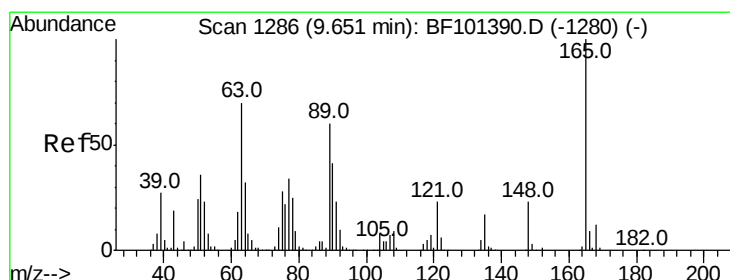
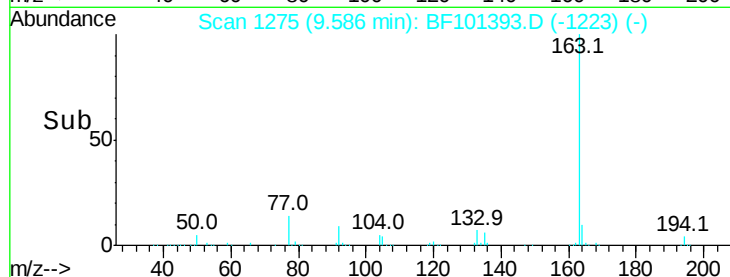
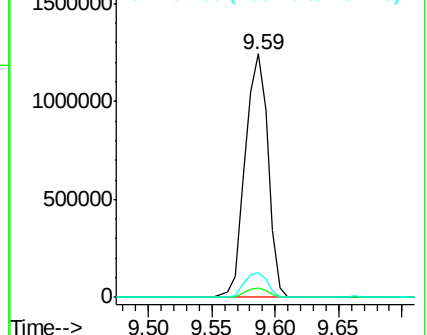
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 69.170 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

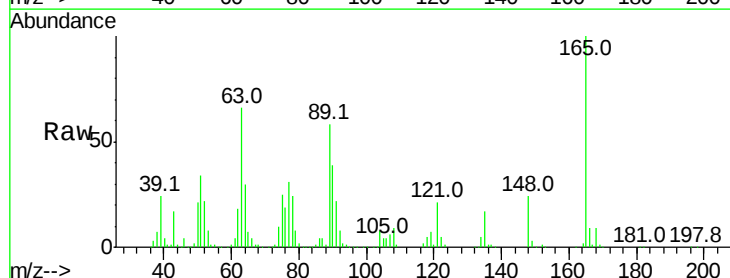
Tgt Ion:165 Resp: 325886

Ion Ratio Lower Upper

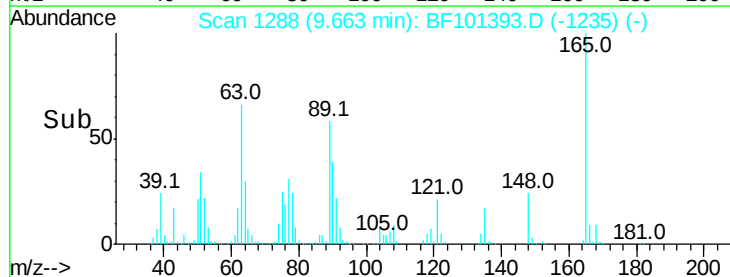
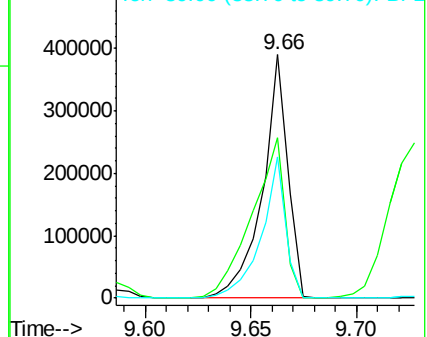
165 100

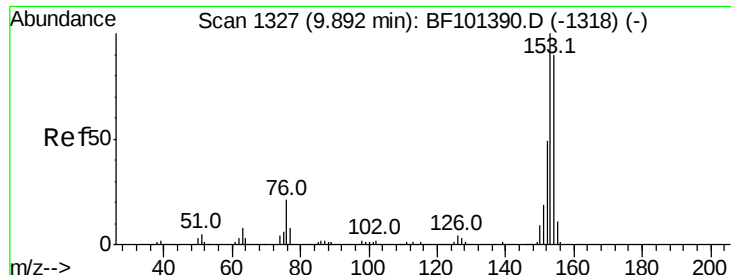
63 66.0 44.7 67.1

89 58.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 65.945 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1171149

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

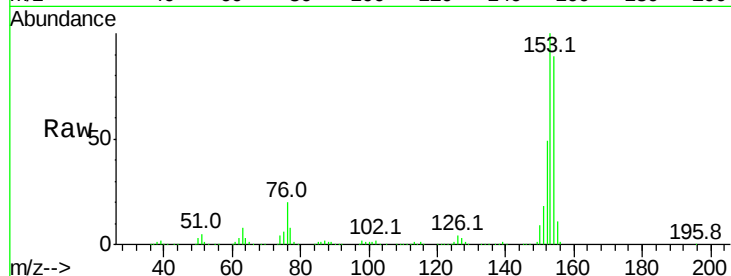
152 55.1 43.8 65.8

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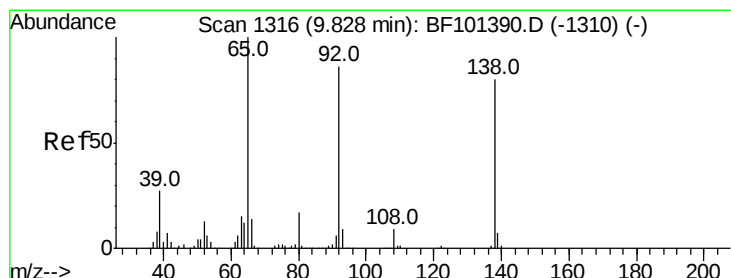
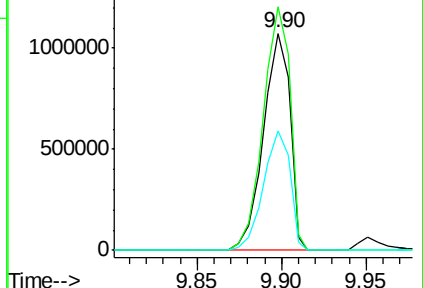
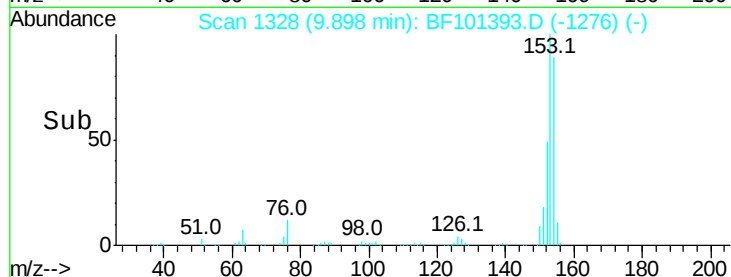
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 80.139 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

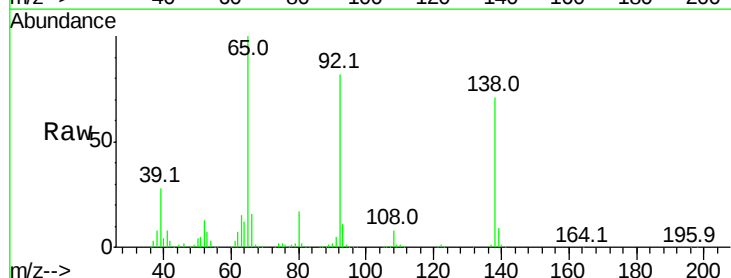
Tgt Ion:138 Resp: 424597

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

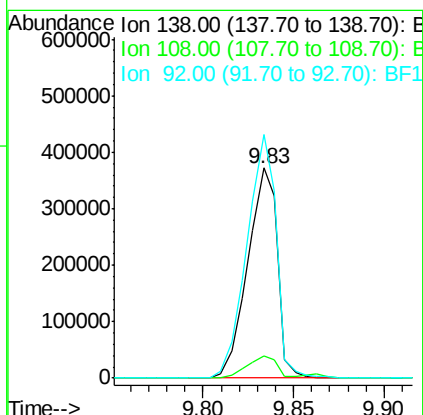
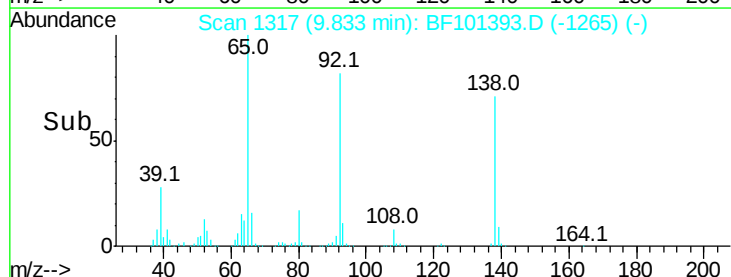
92 116.1 89.4 134.2

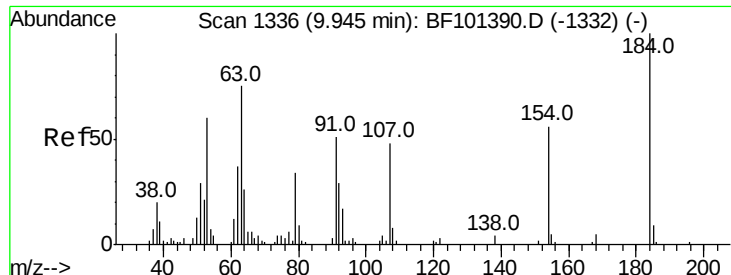


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





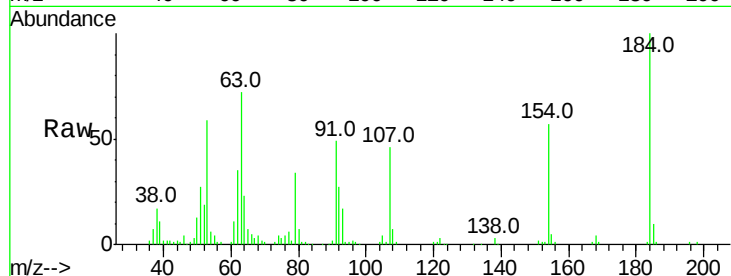
#53
2,4-Dinitrophenol
Concen: 60.906 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

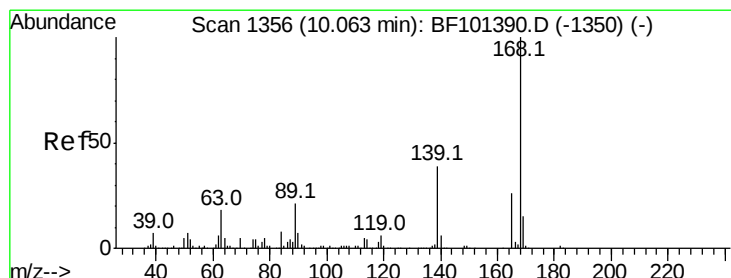
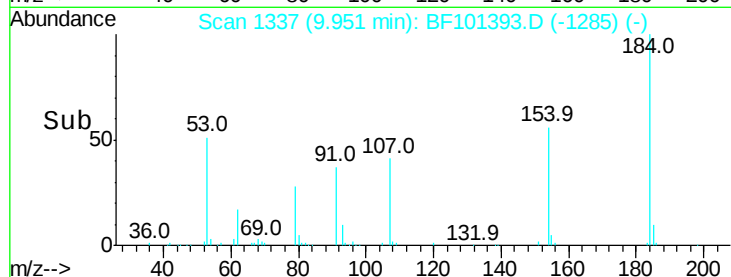
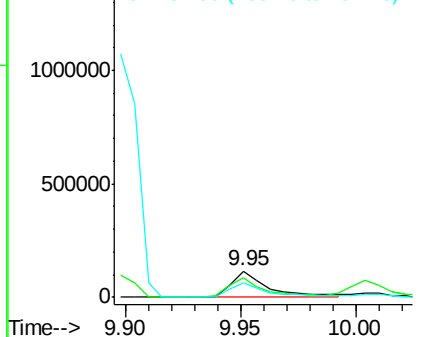
Tot Ion	Ratio	Lower	Upper
184	100		
63	72.5	54.2	81.2
154	56.6	184.0	276.0#

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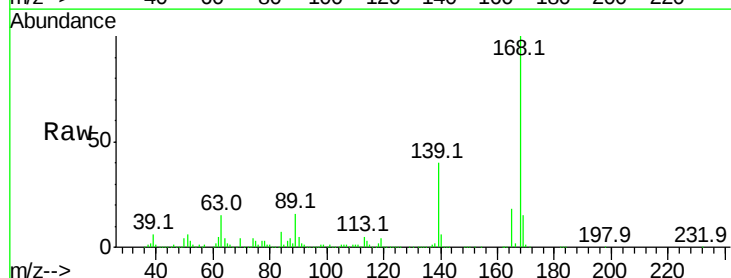


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

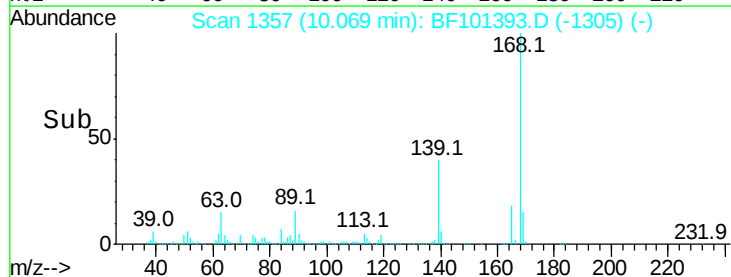
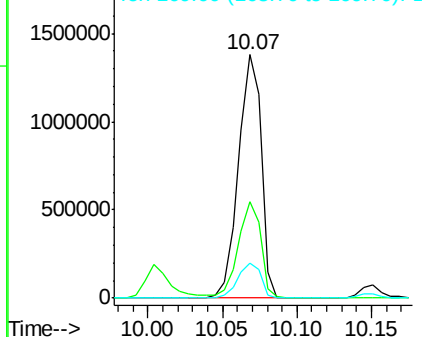


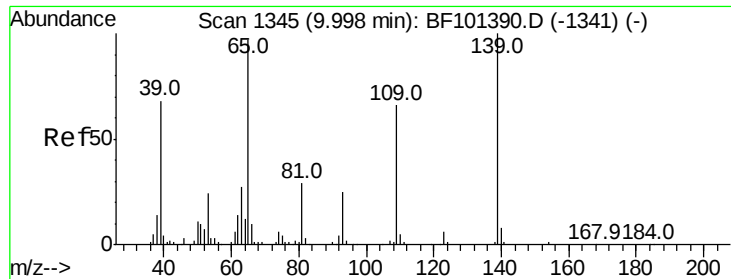
#54
Dibenzofuran
Concen: 57.226 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	14.6	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 60.142 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

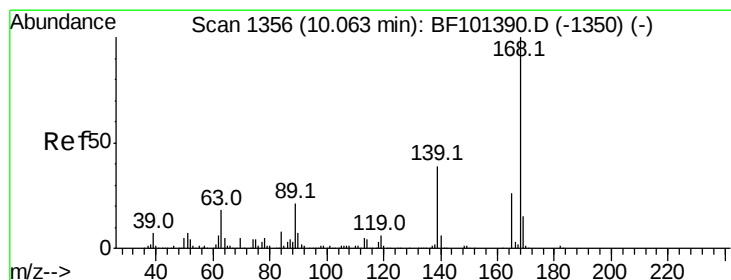
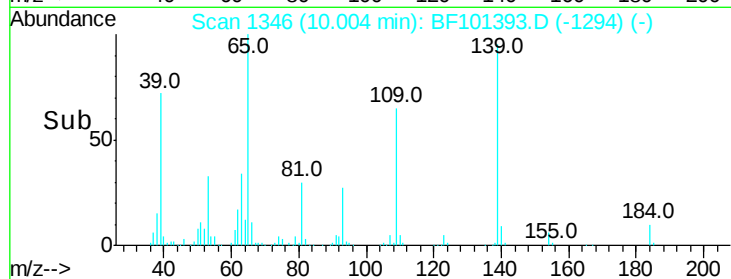
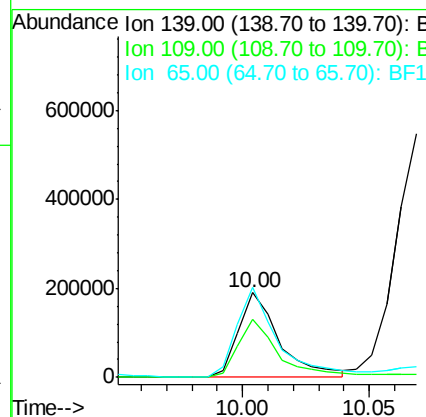
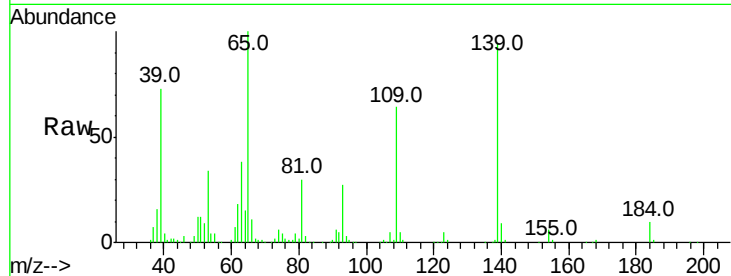
ClientSampleId :

SSTDIC080

Tot Ion:	139	Resp:	214896
Ion Ratio	Lower	Upper	
139	100		
109	68.1	48.4	88.4
65	105.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 56.361 ng

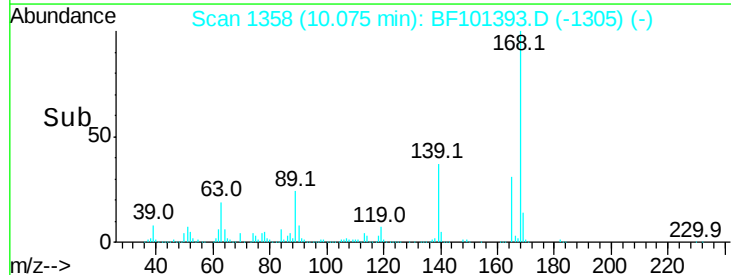
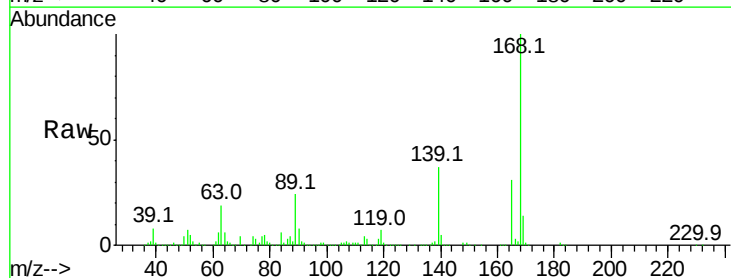
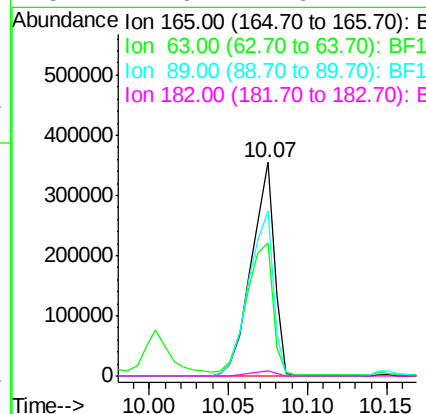
RT: 10.07 min Scan# 1358

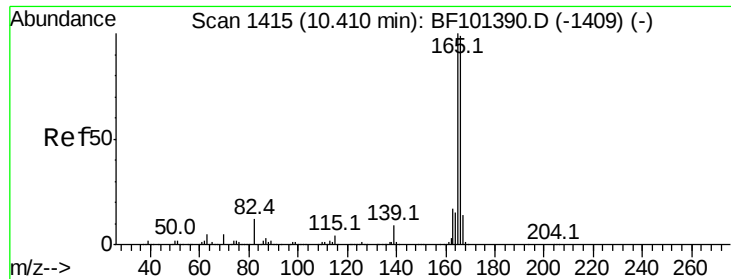
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:	165	Resp:	355868
Ion Ratio	Lower	Upper	
165	100		
63	62.1	36.4	54.6#
89	77.3	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 60.452 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:166 Resp: 1257699

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

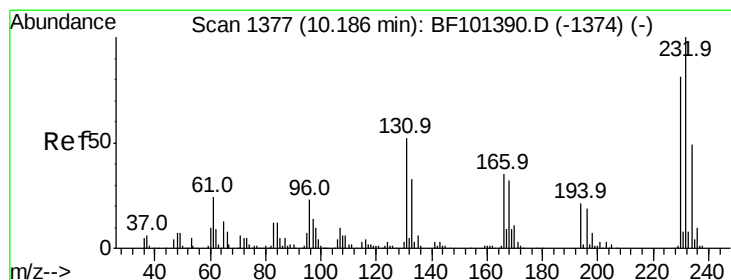
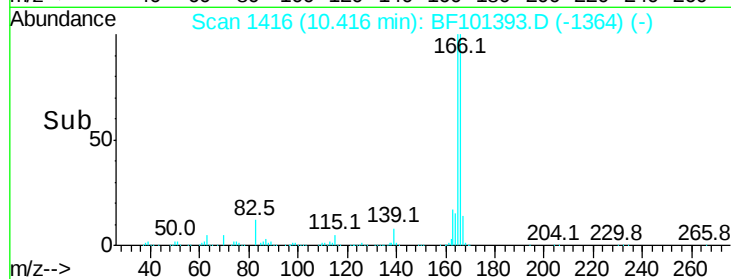
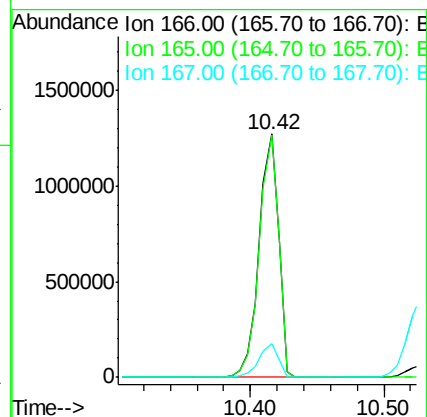
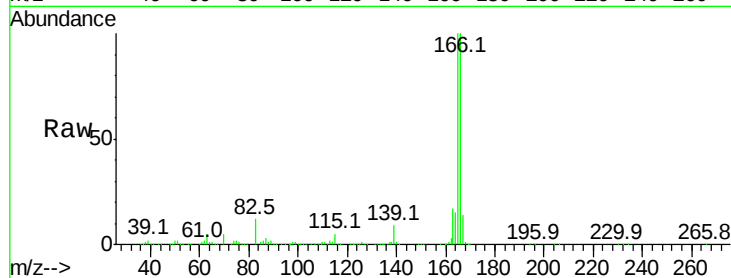
167 13.6 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 66.494 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:232 Resp: 336199

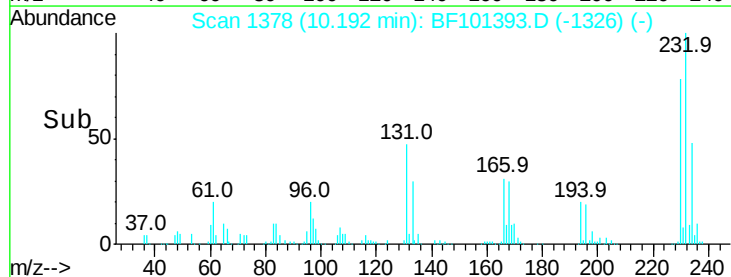
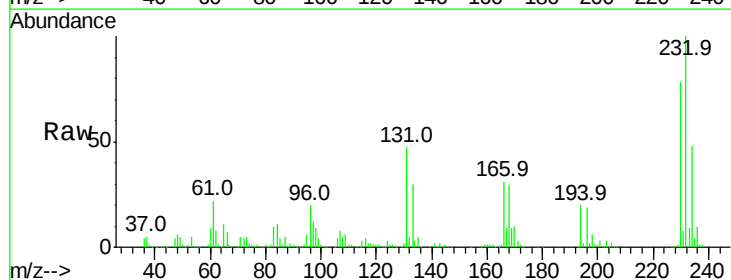
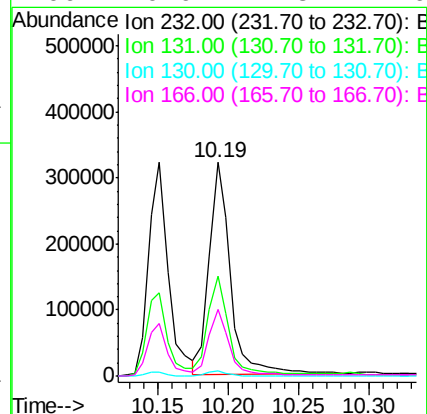
Ion Ratio Lower Upper

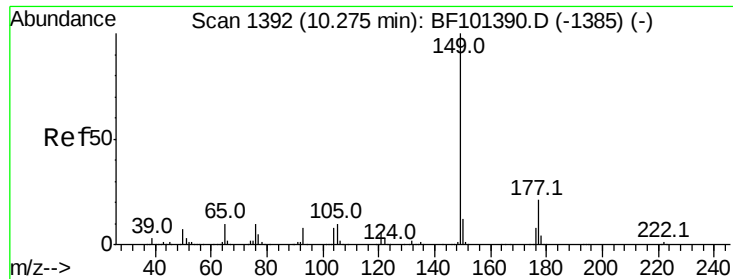
232 100

131 48.0 43.8 65.8

130 2.3 2.1 3.1

166 29.9 27.8 41.6





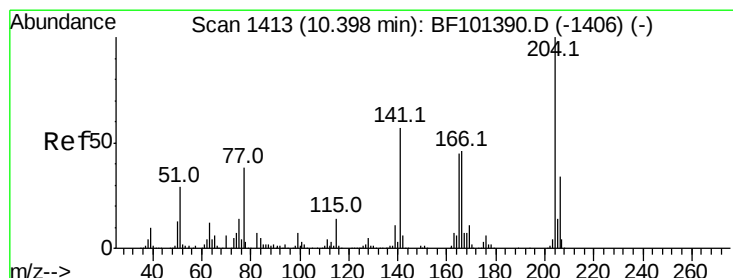
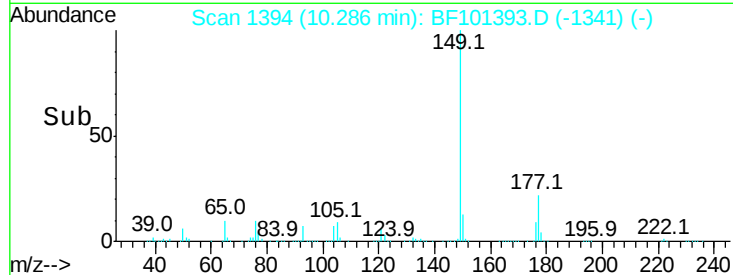
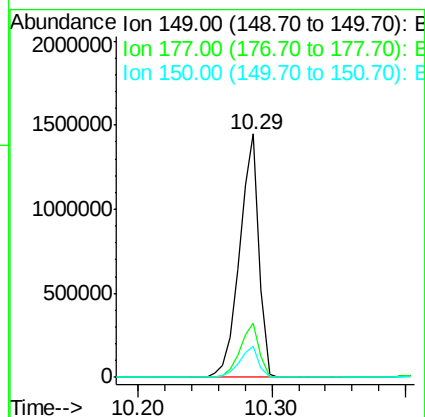
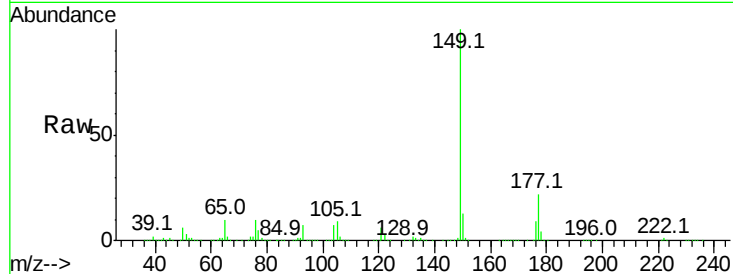
#59
Diethylphthalate
Concen: 65.803 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.7	10.1	15.1

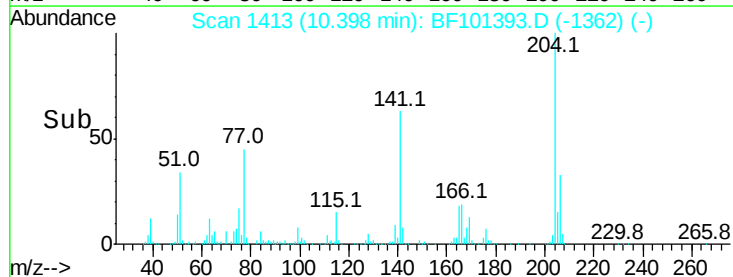
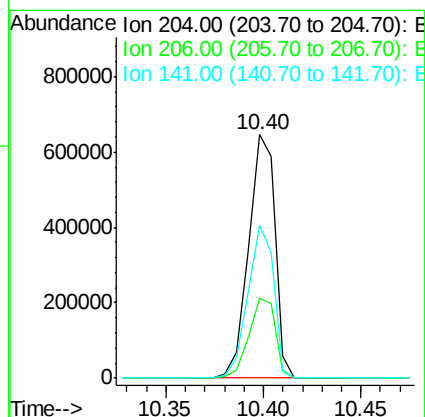
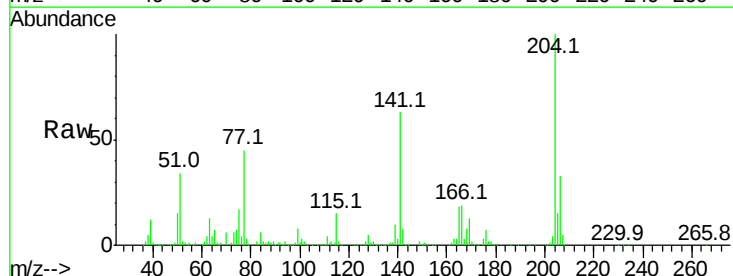
Manual Integrations
APPROVED

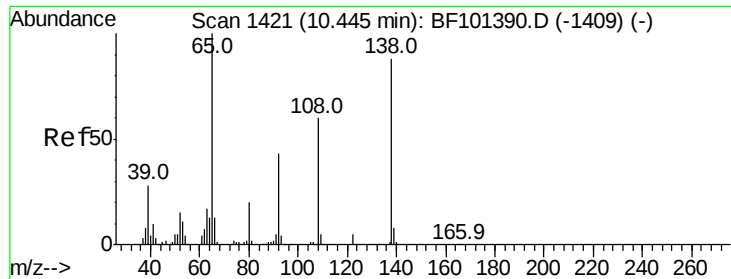
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 58.791 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	62.9	54.6	81.8





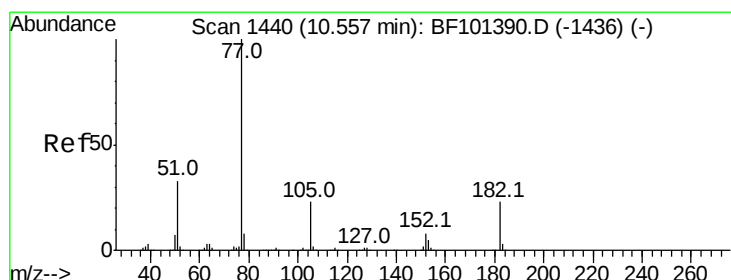
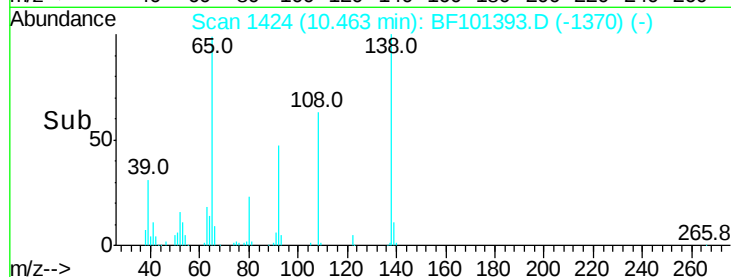
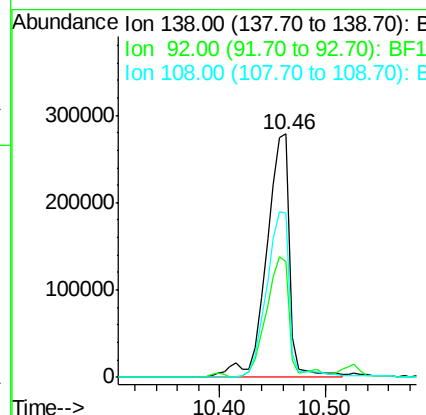
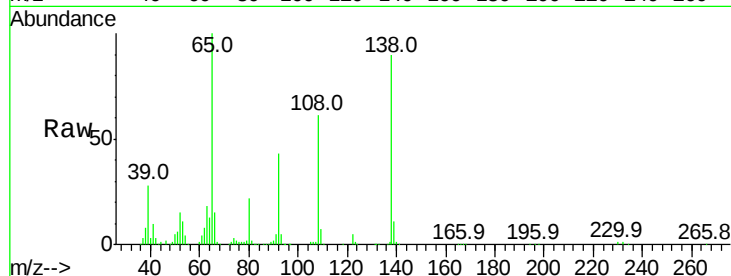
#61
4-Nitroaniline
Concen: 77.927 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	67.4	52.5	92.5

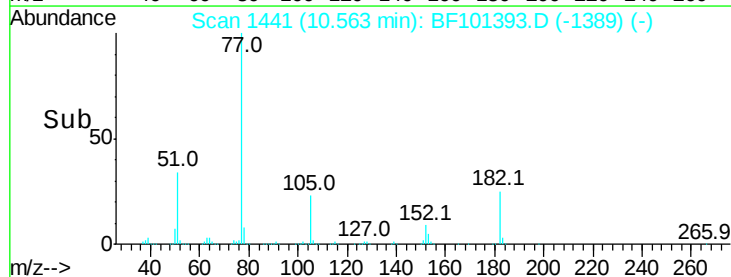
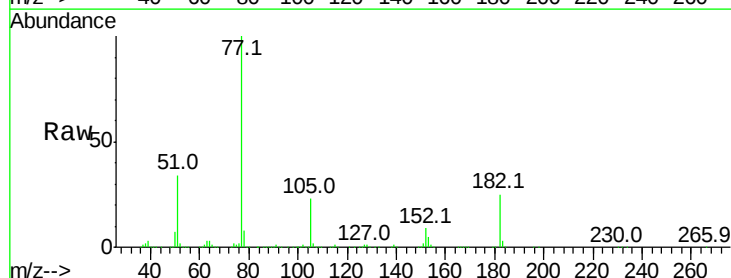
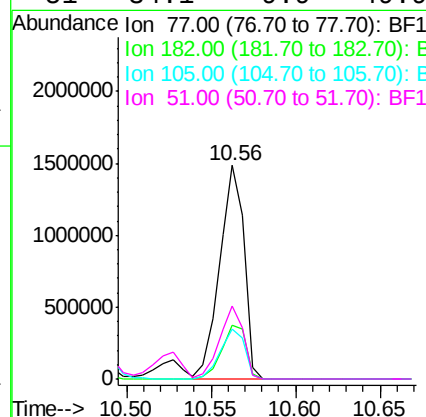
Manual Integrations
APPROVED

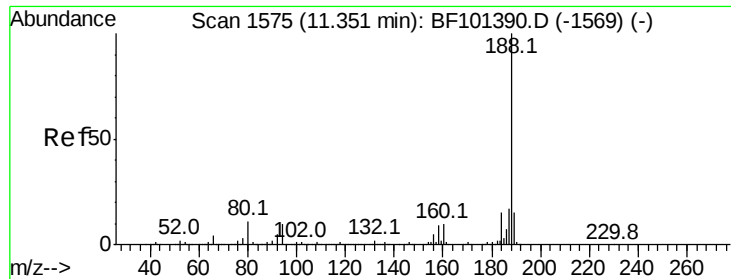
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#62
Azobenzene
Concen: 79.812 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	23.3	3.0	43.0
51	34.1	9.9	49.9





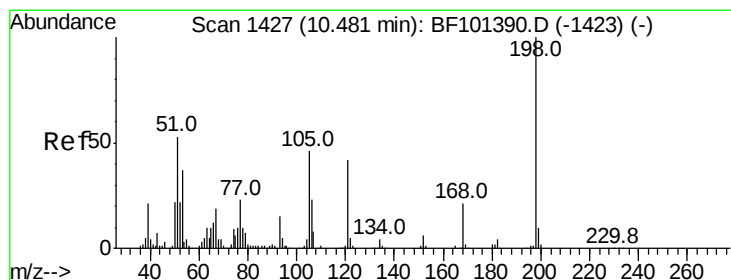
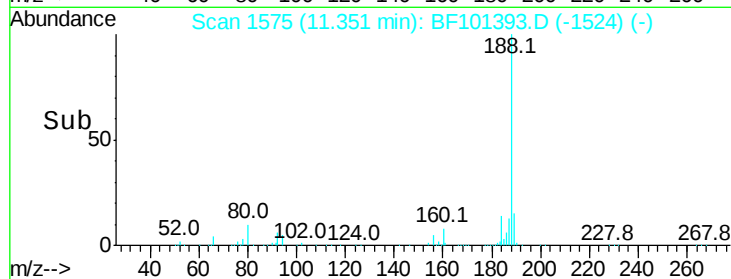
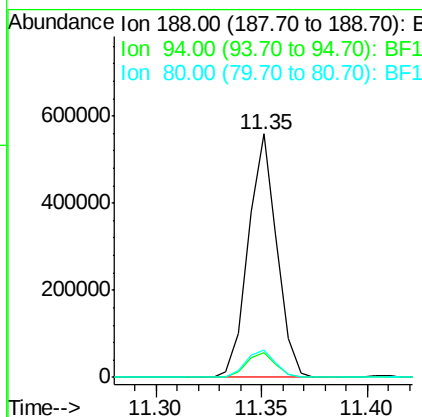
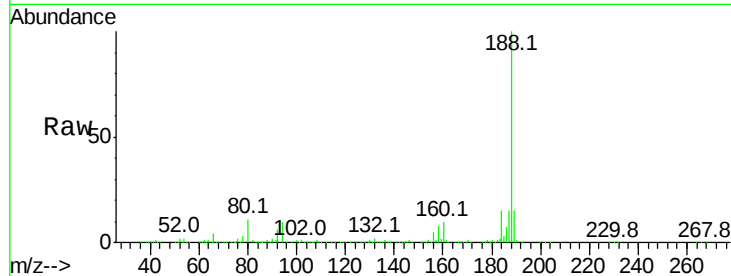
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	523144		
94	10.0		8.5	12.7
80	11.0		9.2	13.8

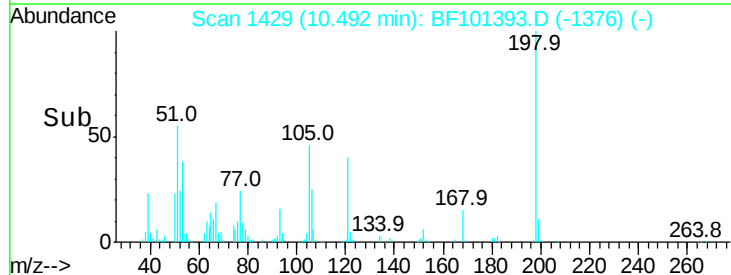
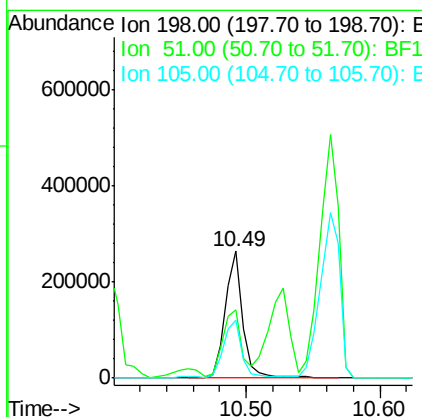
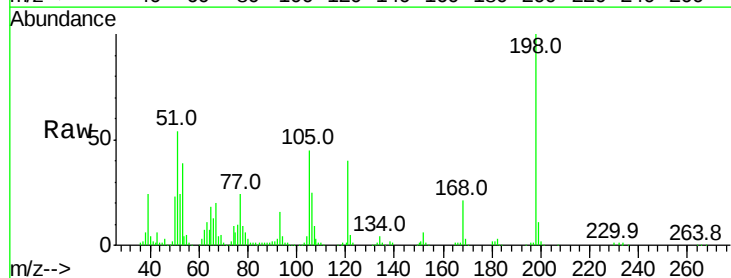
Manual Integrations
APPROVED

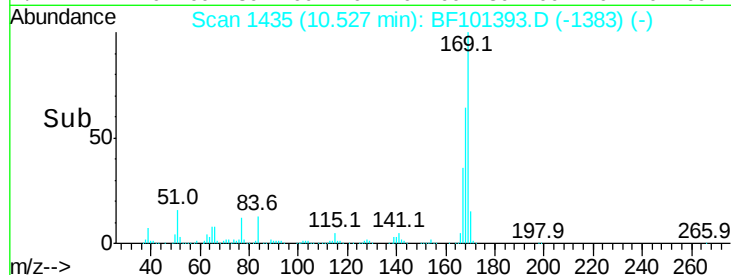
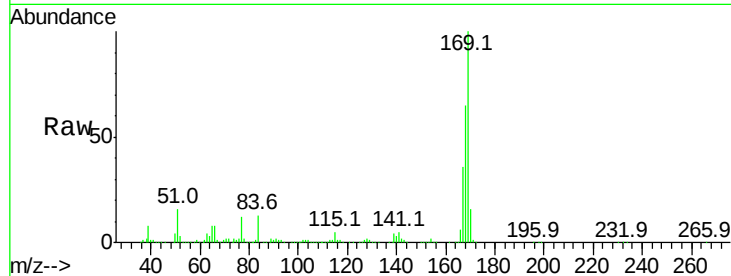
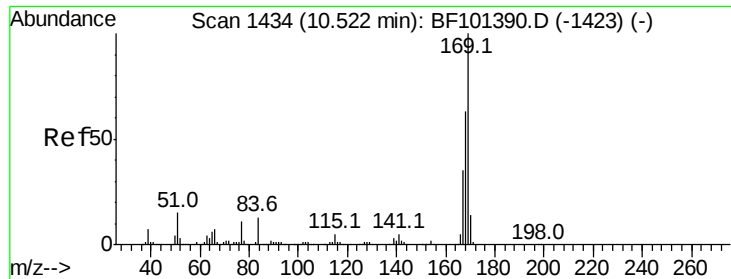
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#64
4,6-Dinitro-2-methylphenol
Concen: 69.911 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	245309		
51	54.2		37.7	77.7
105	45.4		36.3	76.3





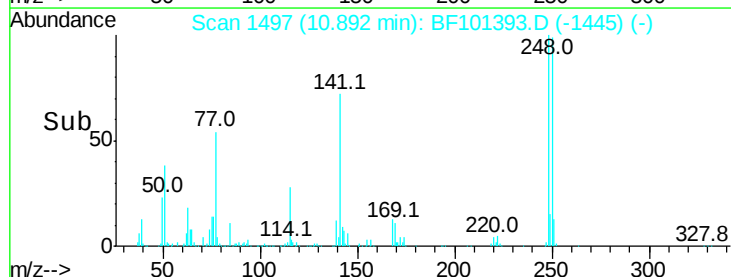
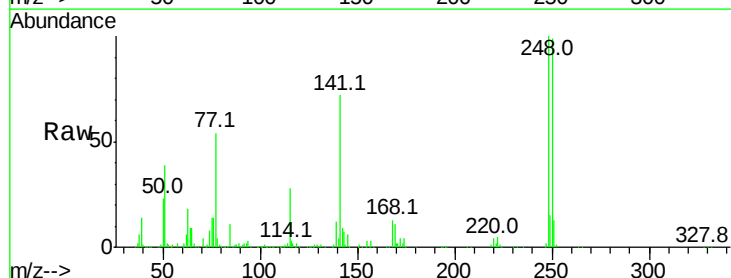
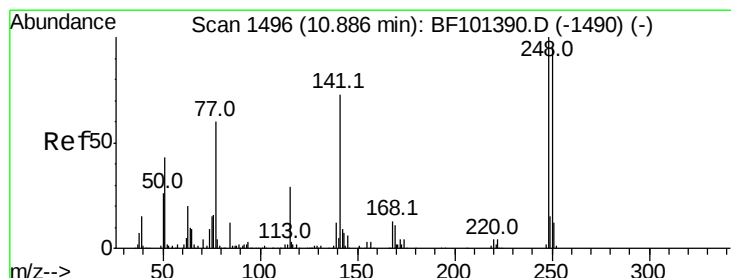
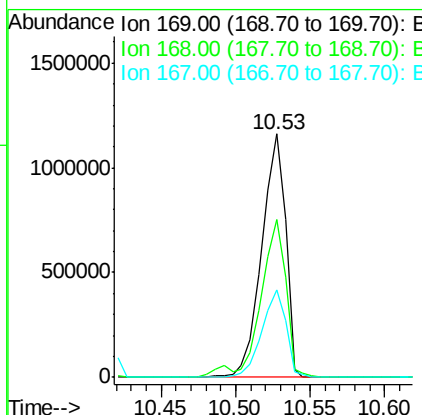
#65
n-Nitrosodiphenylamine
Concen: 69.145 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.6	54.4	81.6
167	36.1	29.8	44.6

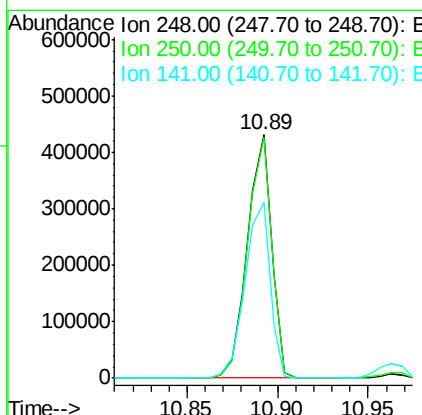
Manual Integrations
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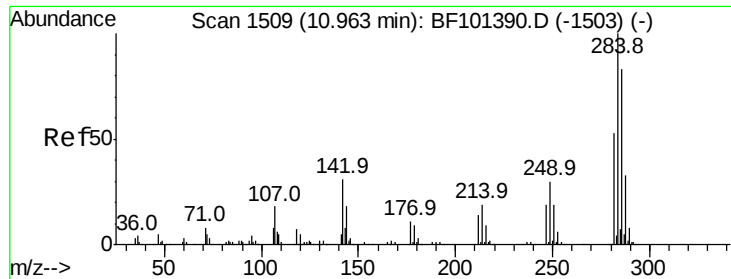
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#66
4-Bromophenyl-phenylether
Concen: 68.728 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.9	115.3
141	71.9	74.4	111.6#





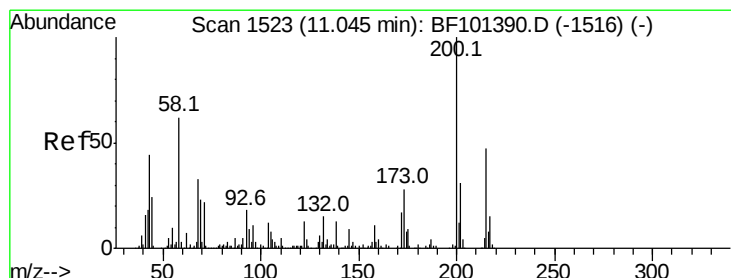
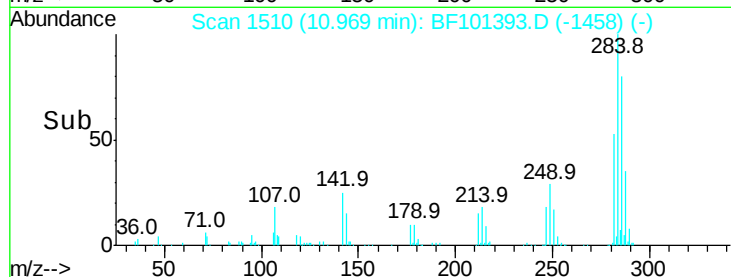
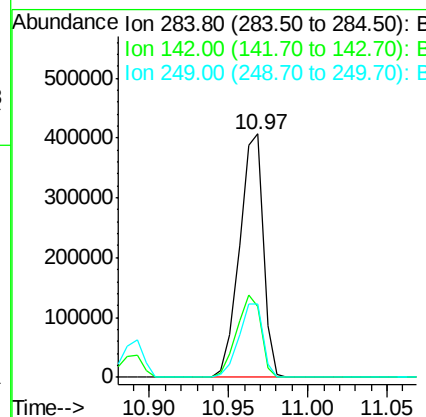
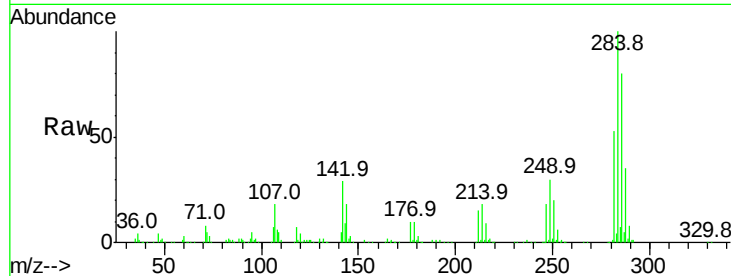
#67
Hexachlorobenzene
Concen: 67.091 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.3	34.6	52.0	
249	30.0	24.8	37.2	

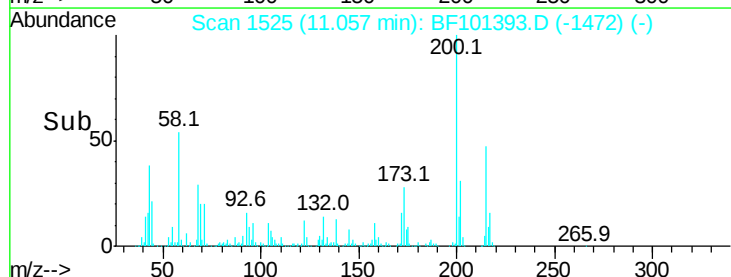
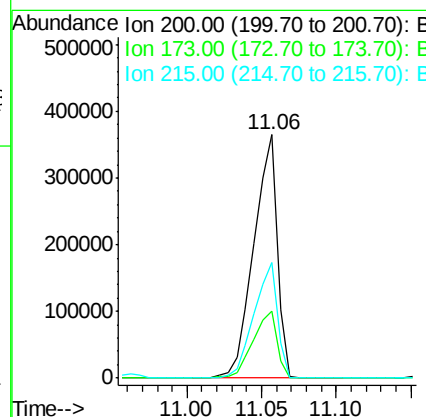
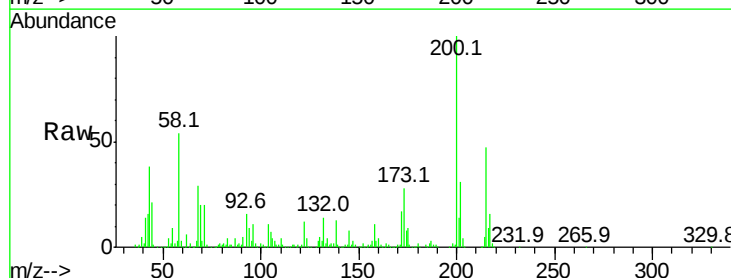
Manual Integrations
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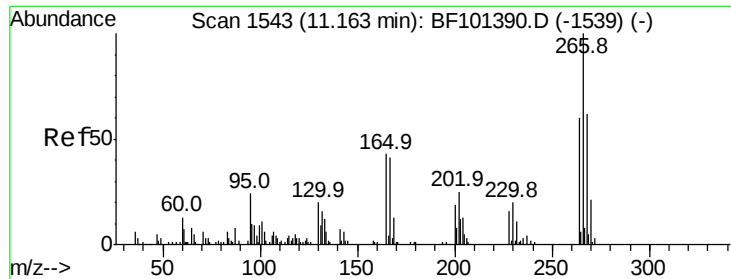
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#68
Atrazine
Concen: 69.943 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	8.6	48.6	
215	47.4	25.1	65.1	





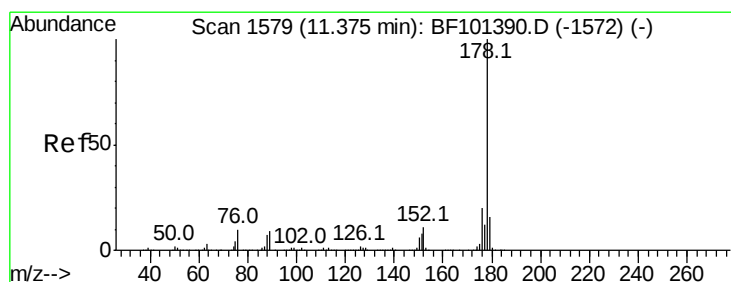
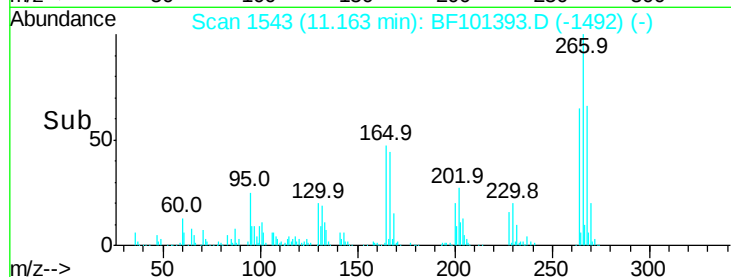
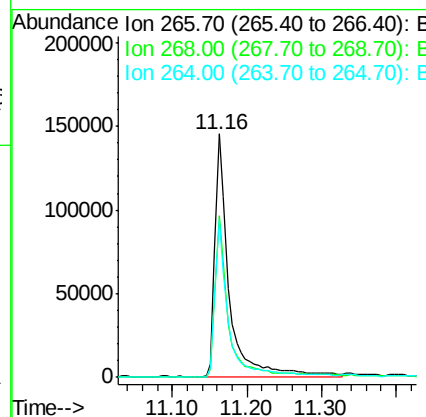
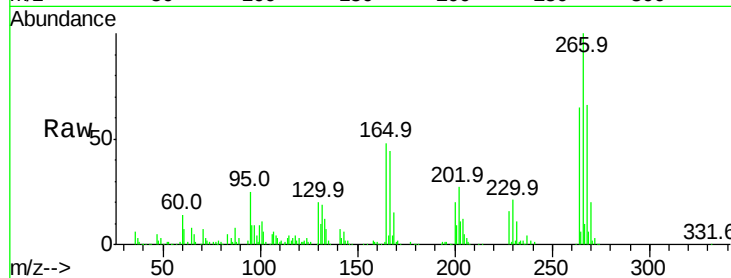
#69
 Pentachlorophenol
 Concen: 55.597 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	191851		
268	66.2	51.1	76.7	
264	64.9	49.5	74.3	

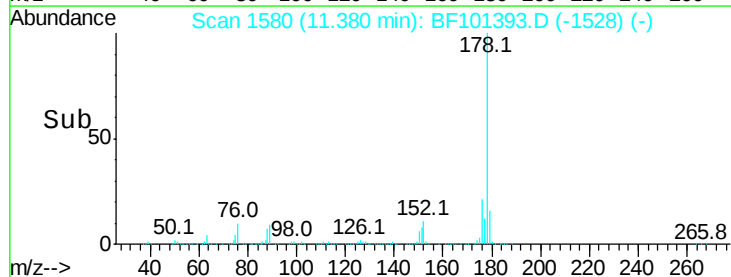
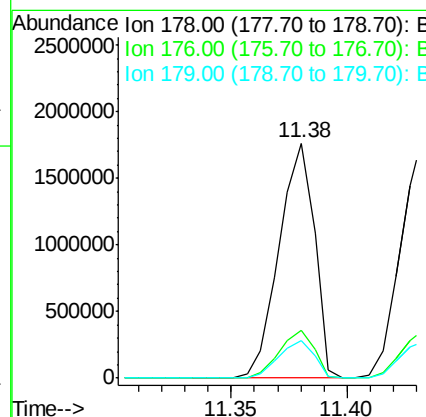
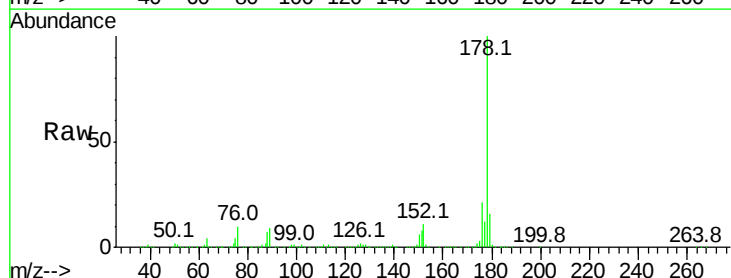
Manual Integrations
 APPROVED

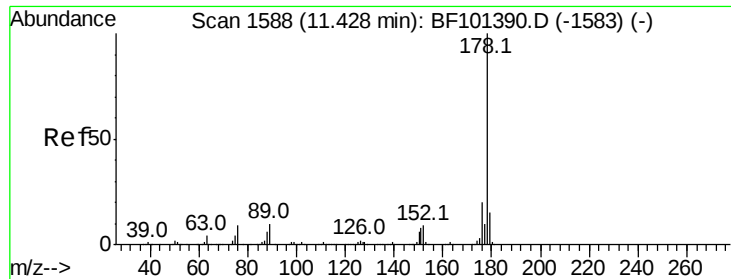
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#70
 Phenanthrene
 Concen: 64.984 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1872139		
176	20.5	15.8	23.8	
179	15.8	13.0	19.6	





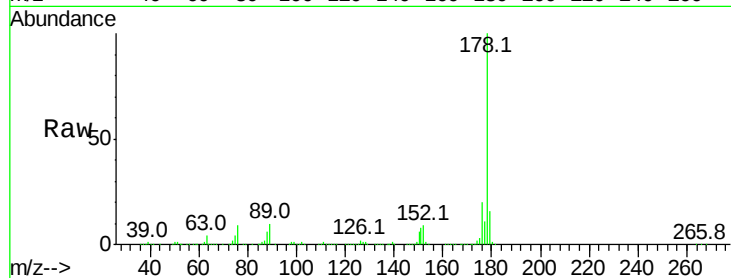
#71
 Anthracene
 Concen: 65.332 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

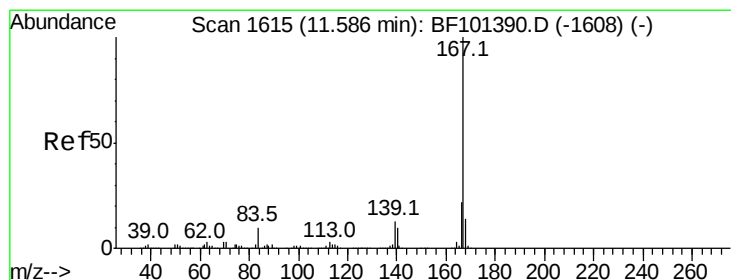
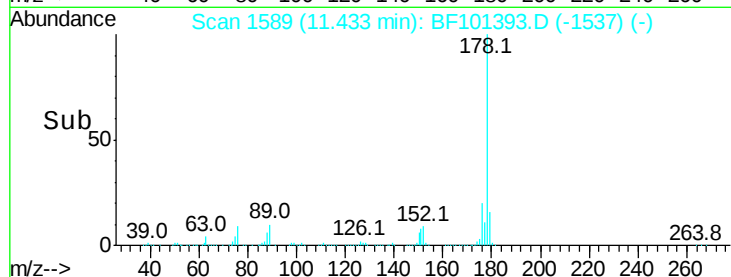
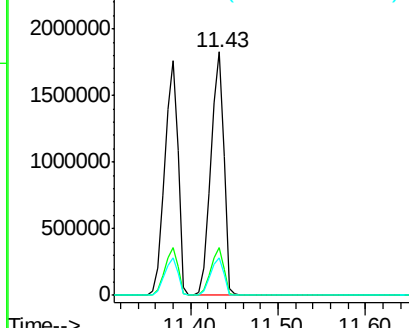
Tot Ion:178 Resp: 1904906
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.6 12.6 19.0

Manual Integrations
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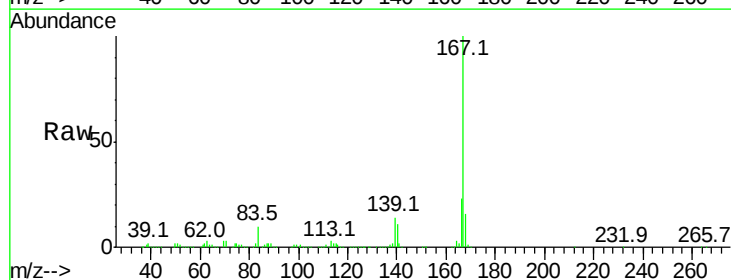


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

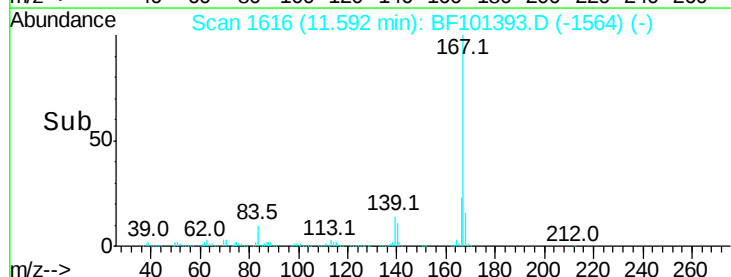
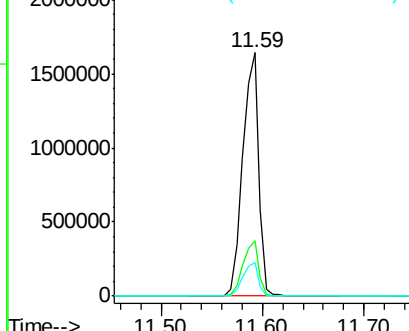


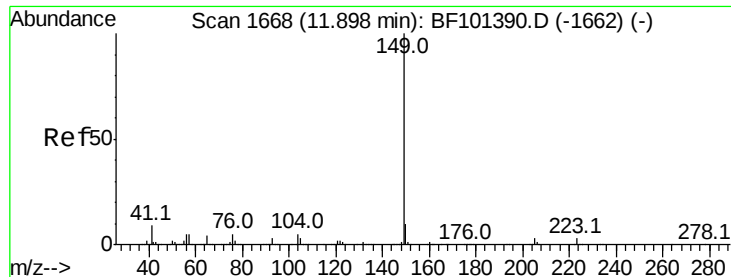
#72
 Carbazole
 Concen: 67.158 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion:167 Resp: 1789126
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.9 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 66.021 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 2204539

Ion Ratio Lower Upper

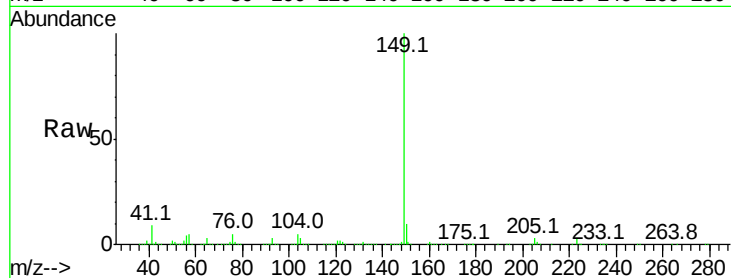
149 100

150 9.5 7.8 11.6

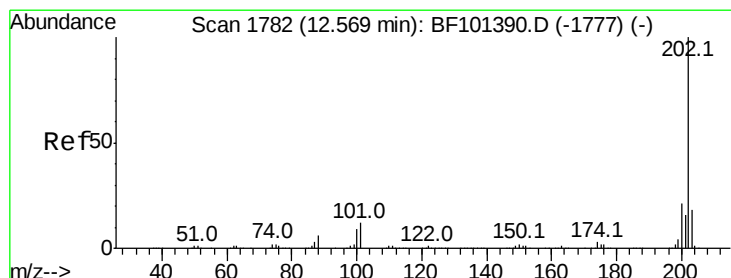
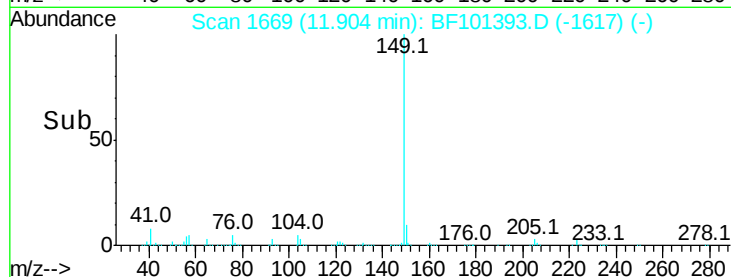
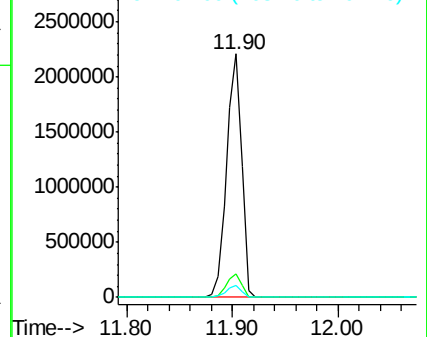
104 4.9 3.8 5.8

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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



#74

Fluoranthene

Concen: 60.461 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

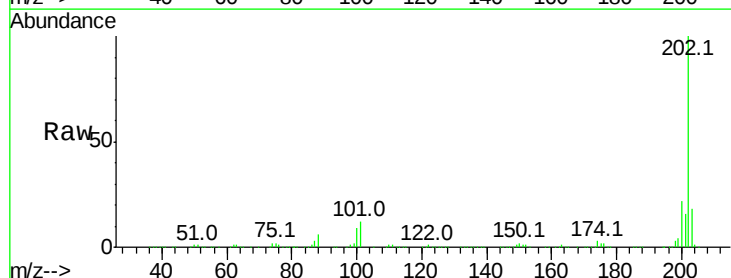
Tgt Ion:202 Resp: 1930812

Ion Ratio Lower Upper

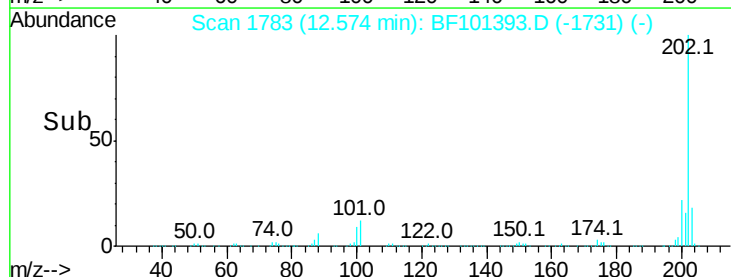
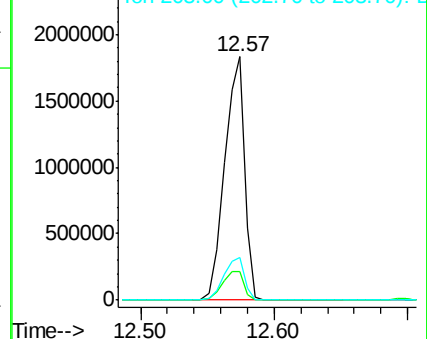
202 100

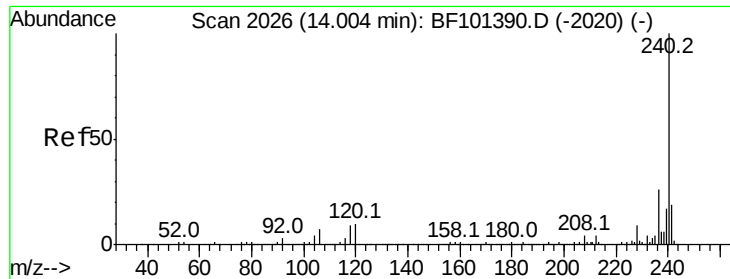
101 12.0 0.0 34.1

203 17.7 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

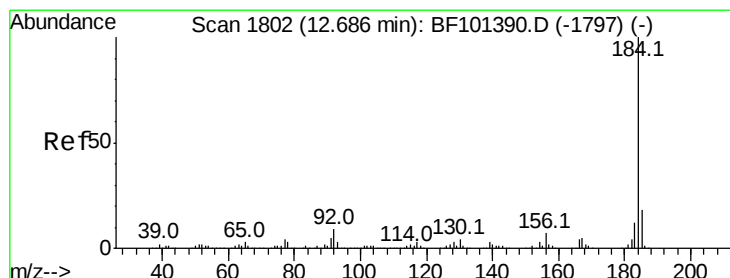
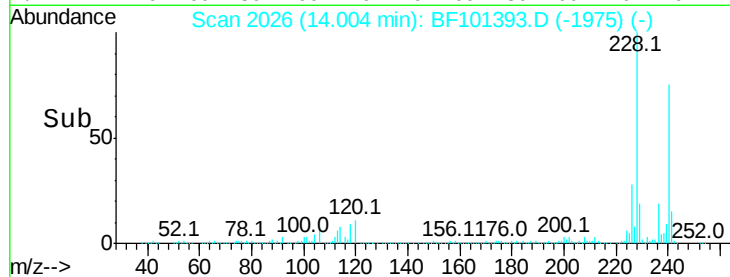
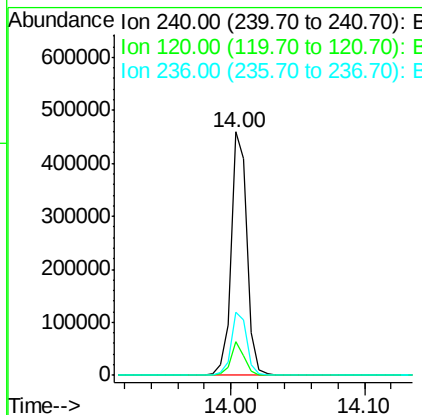
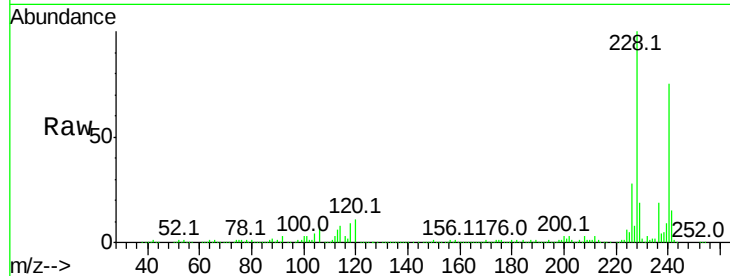
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 103.923 ng

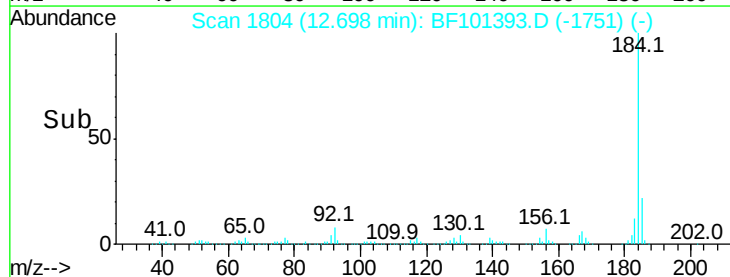
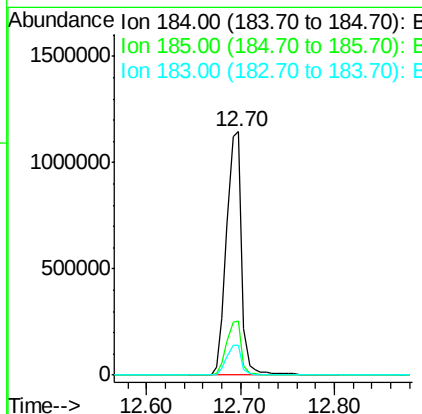
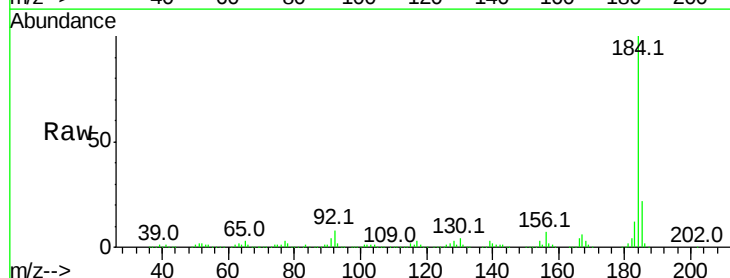
RT: 12.70 min Scan# 1804

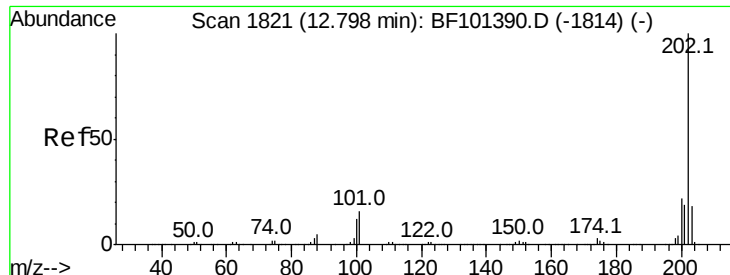
Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	22.3	12.6	18.8#
183	12.4	9.3	13.9





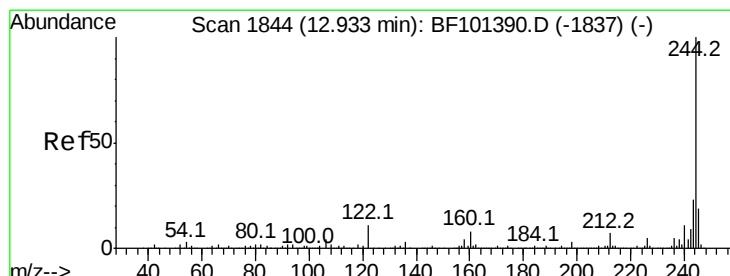
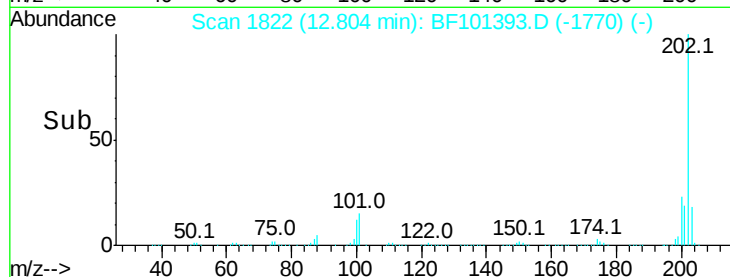
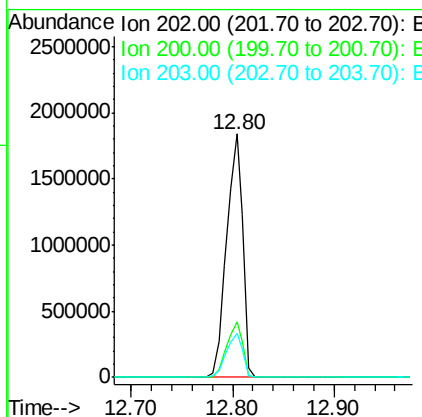
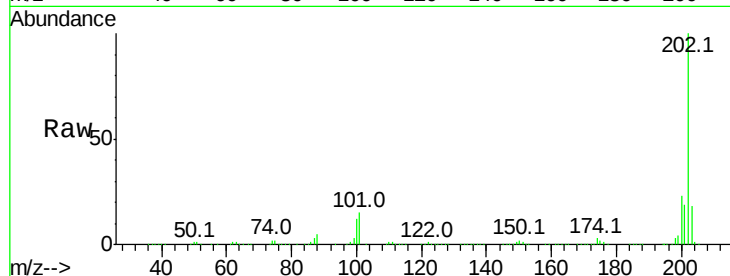
#77
Pvrene
Concen: 76.752 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.3	14.3	21.5

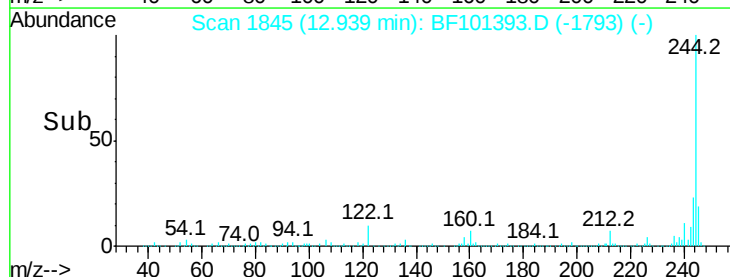
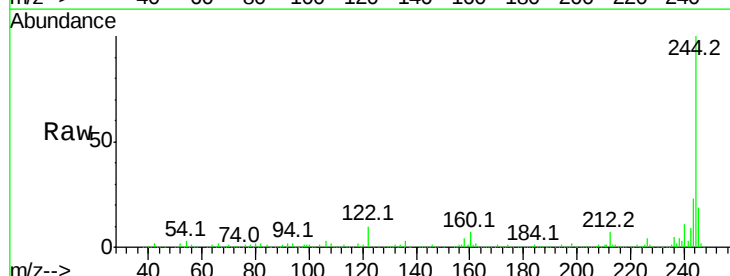
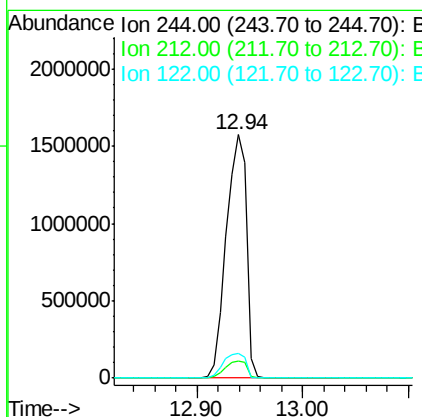
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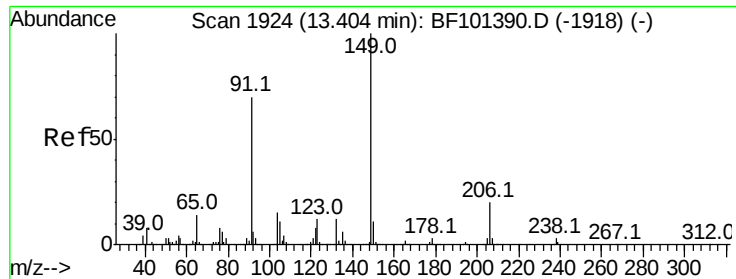
Sohil
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#78
Terphenyl-d14
Concen: 118.671 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.2	11.0	16.4





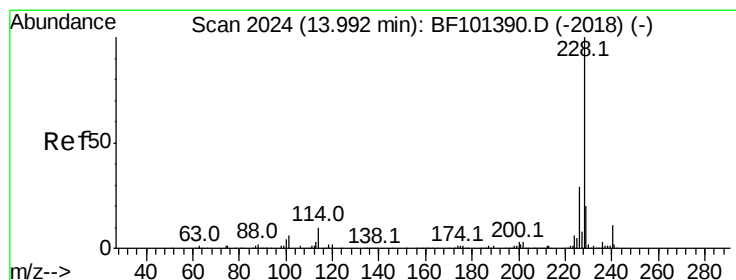
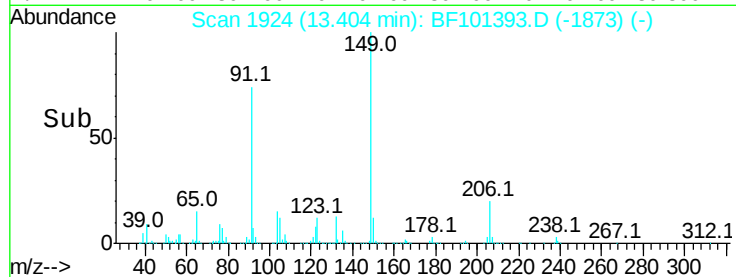
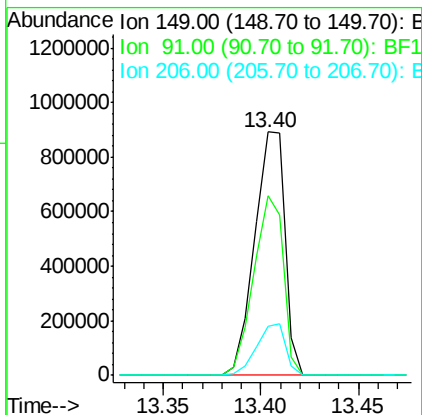
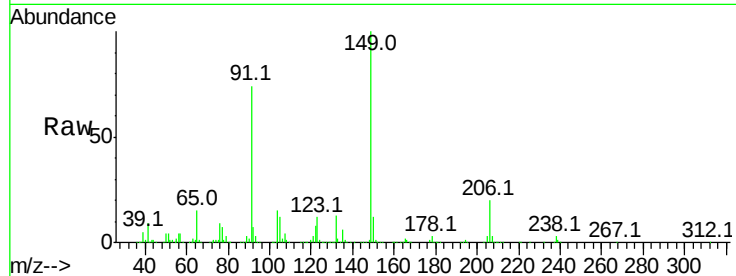
#79
Butylbenzylphthalate
Concen: 82.749 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.8	85.2
206	20.0	14.1	21.1

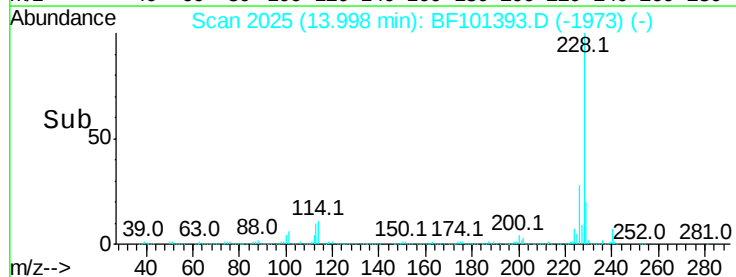
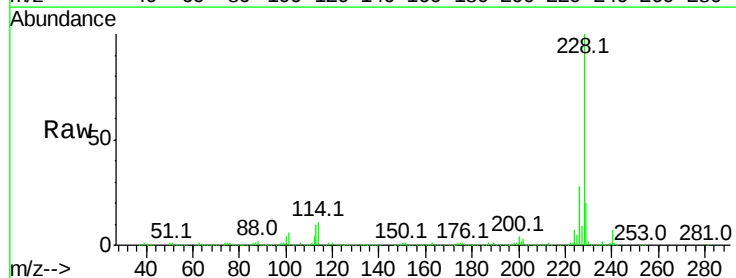
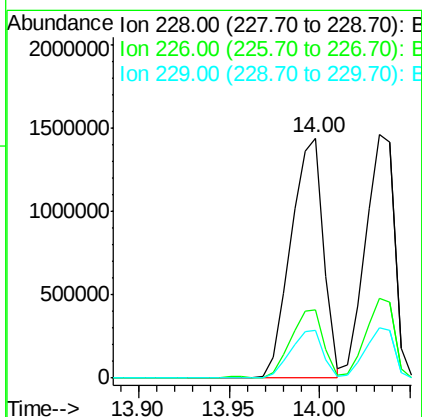
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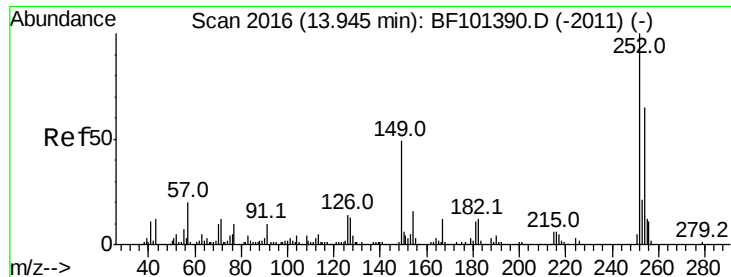
Sohil
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#80
Benzo(a)anthracene
Concen: 75.037 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	15.8	23.6





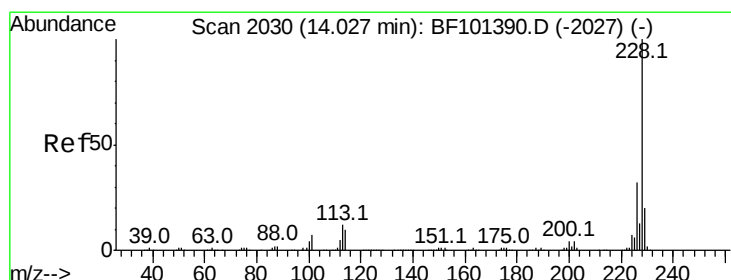
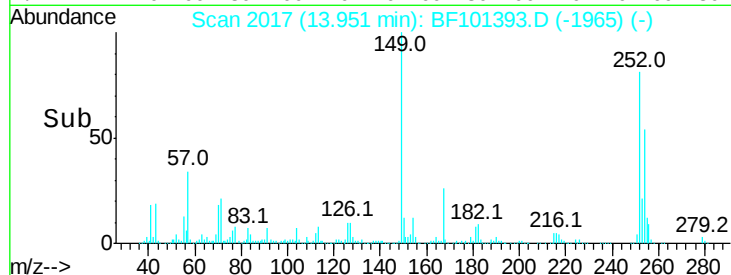
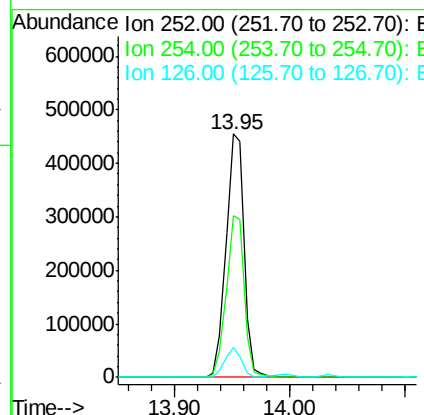
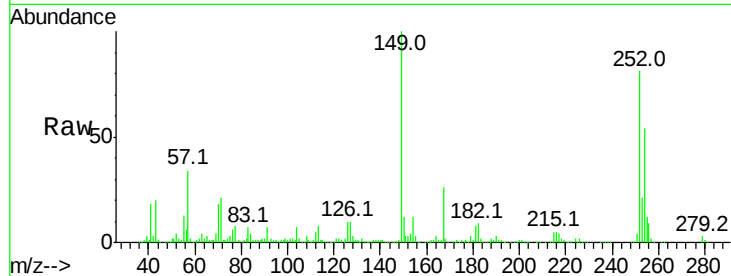
#81
 3,3'-Dichlorobenzidine
 Concen: 59.046 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	50.4	75.6
126	12.3	11.3	16.9

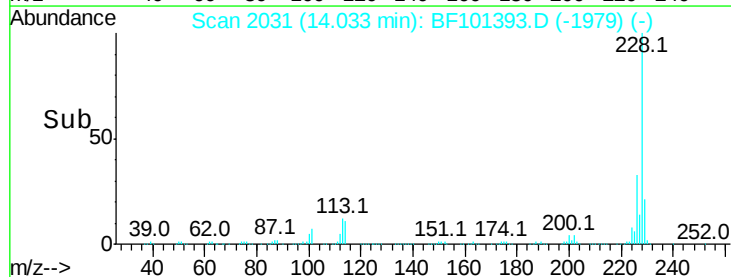
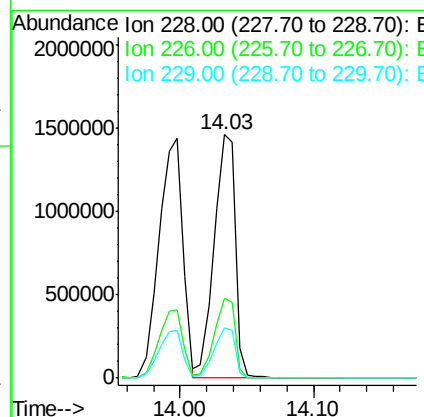
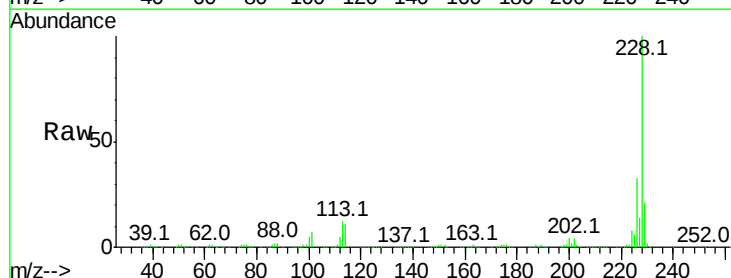
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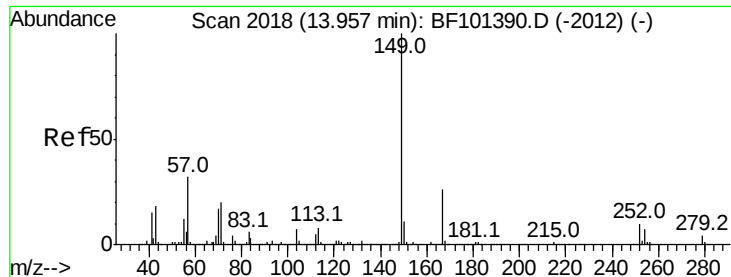
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#82
 Chrysene
 Concen: 72.744 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	20.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.694 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1040485

Ion Ratio Lower Upper

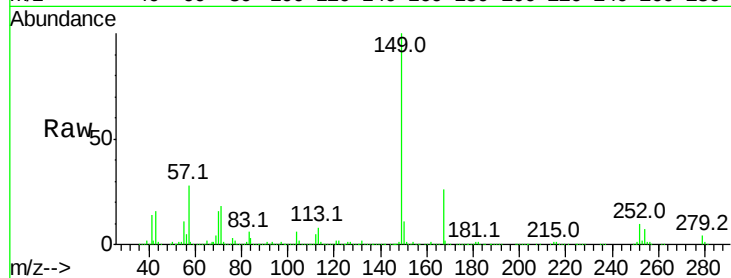
149 100

167 26.4 21.3 31.9

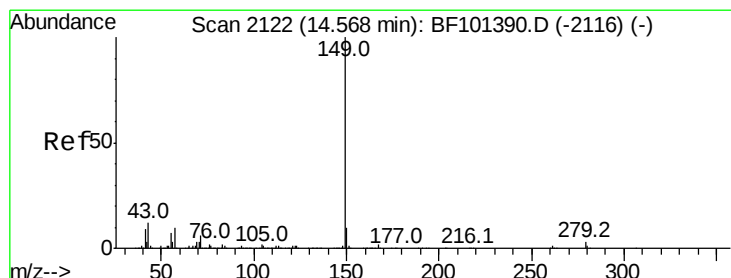
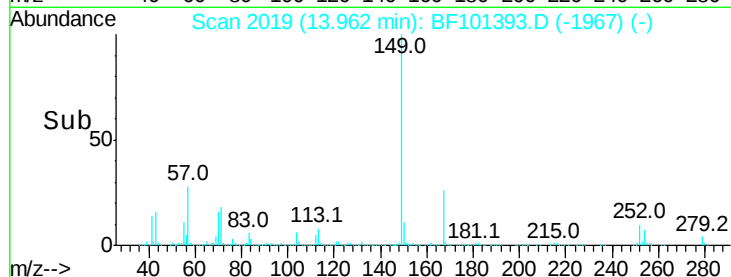
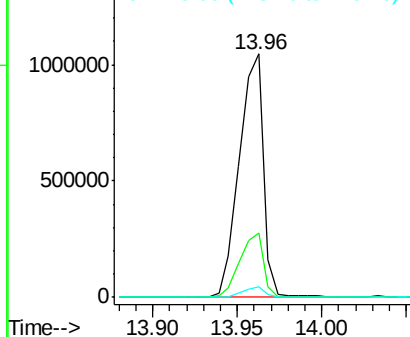
279 4.5 3.0 4.4#

Manual Integrations
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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



#84

Di-n-octyl phthalate

Concen: 75.017 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

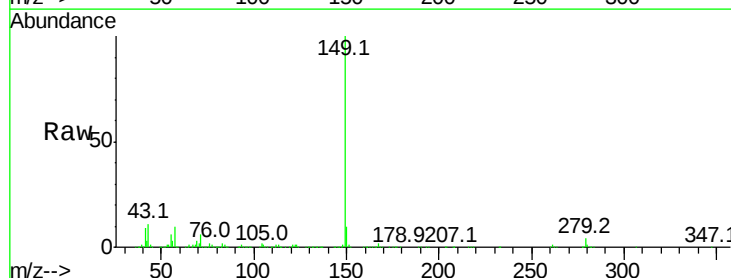
Tgt Ion:149 Resp: 2072957

Ion Ratio Lower Upper

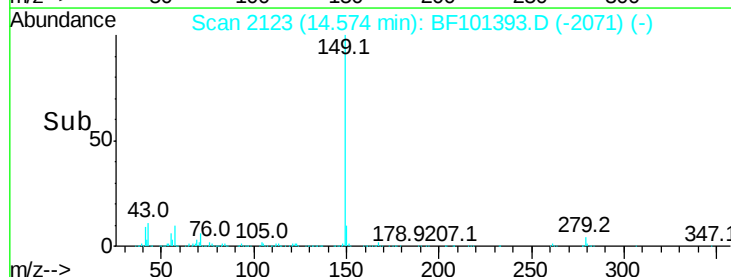
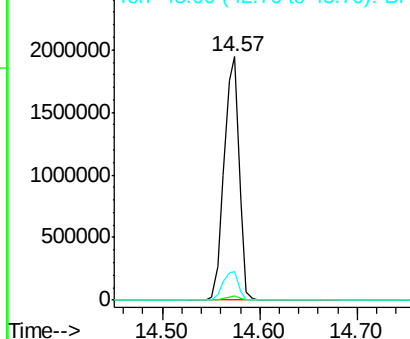
149 100

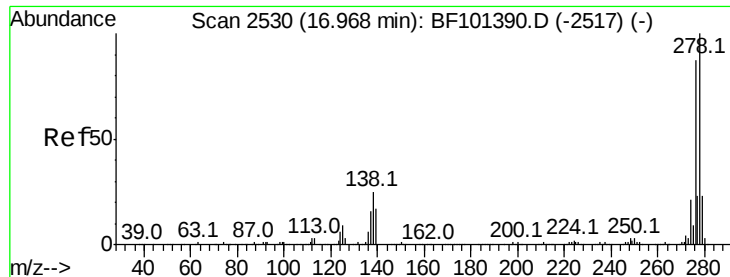
167 1.5 1.2 1.8

43 12.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





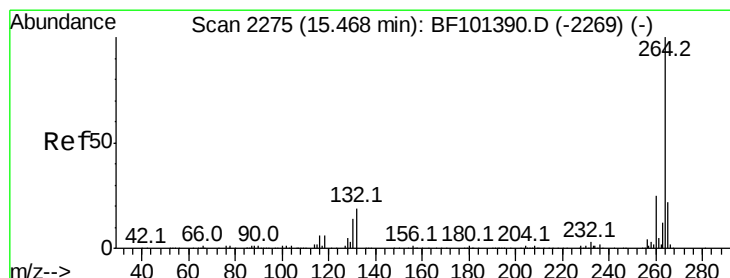
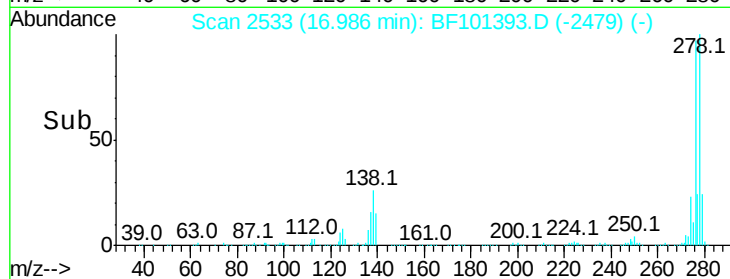
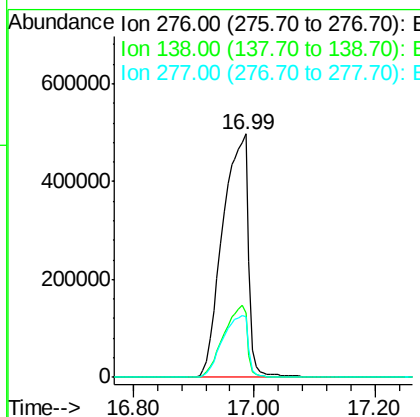
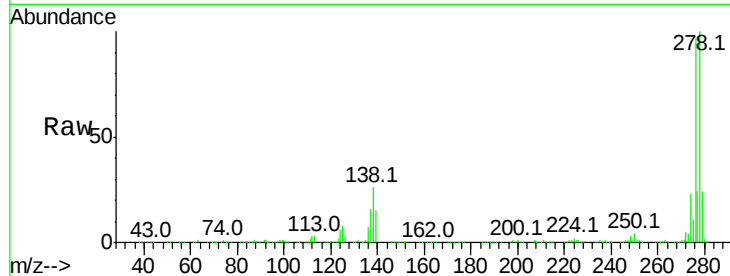
#85
Indeno(1,2,3-cd)pyrene
Concen: 74.103 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:276 Resp: 1478008
Ion Ratio Lower Upper
276 100
138 27.4 25.0 37.6
277 25.2 20.1 30.1

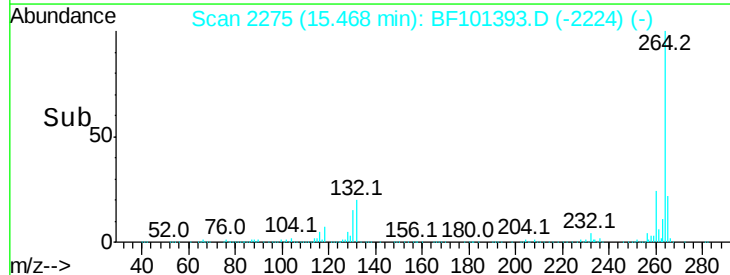
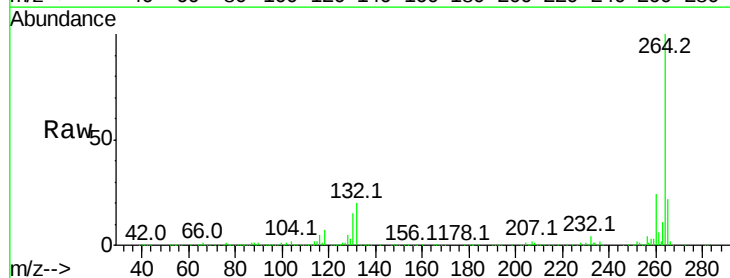
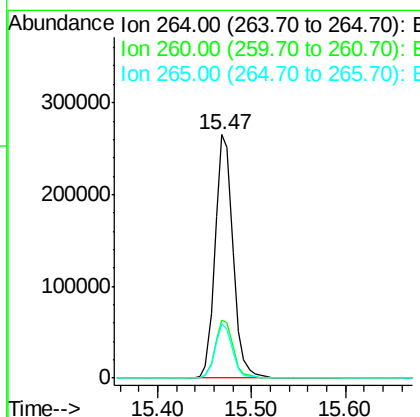
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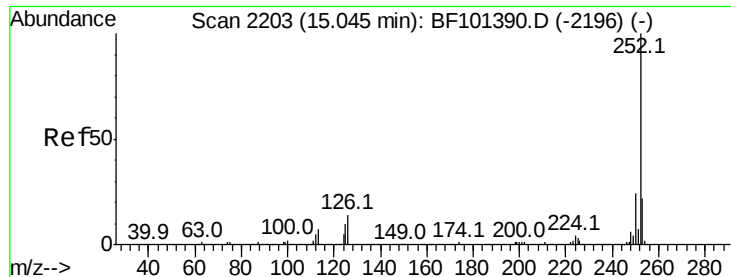
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion:264 Resp: 356772
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 76.902 ng

RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:252 Resp: 1643377

Ion Ratio Lower Upper

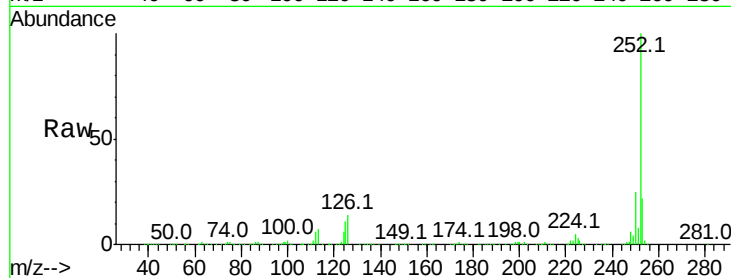
252 100

253 22.2 17.0 25.6

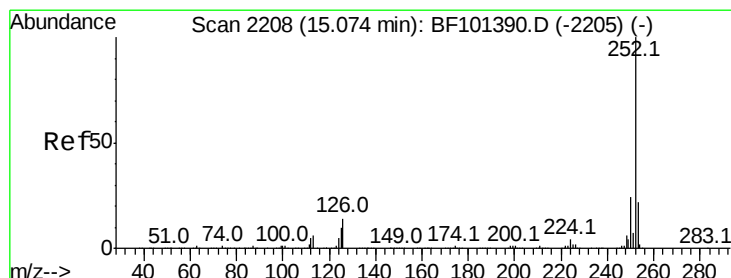
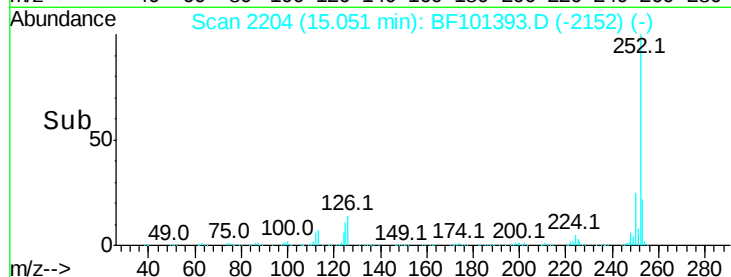
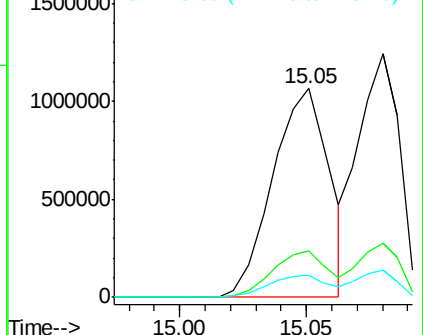
125 10.5 9.0 13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 68.152 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BF101393.D

Acq: 14 Dec 2017 14:06

Tgt Ion:252 Resp: 1434867

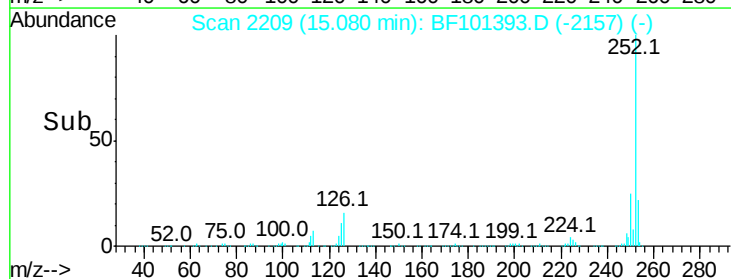
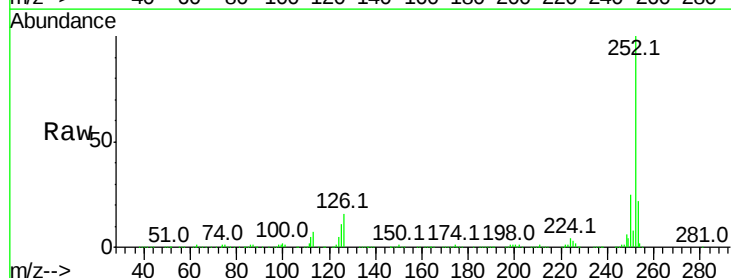
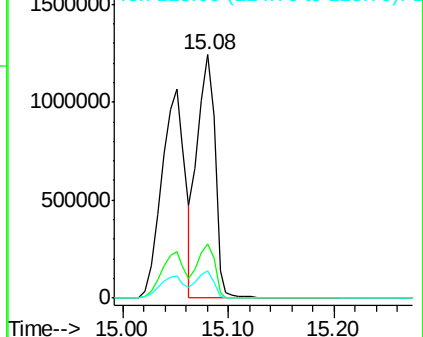
Ion Ratio Lower Upper

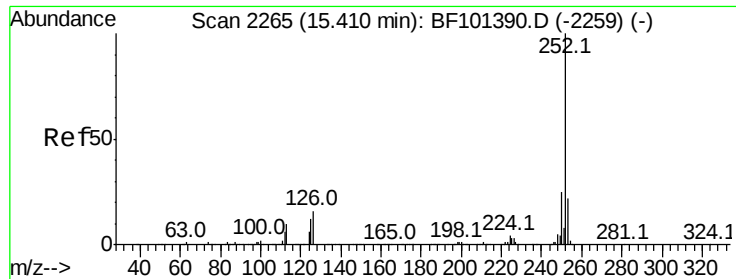
252 100

253 22.3 17.9 26.9

125 11.2 10.2 15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





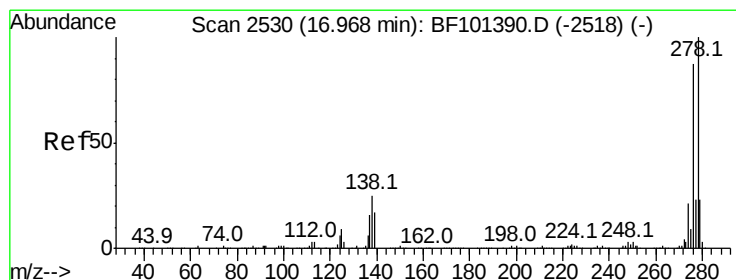
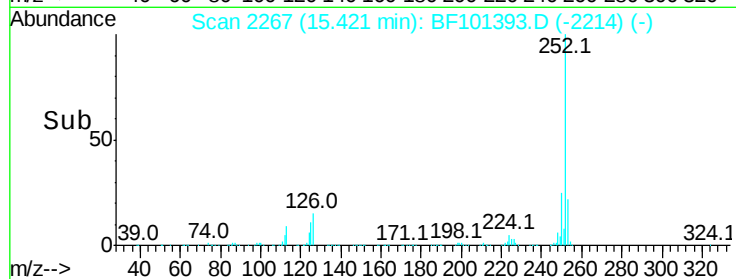
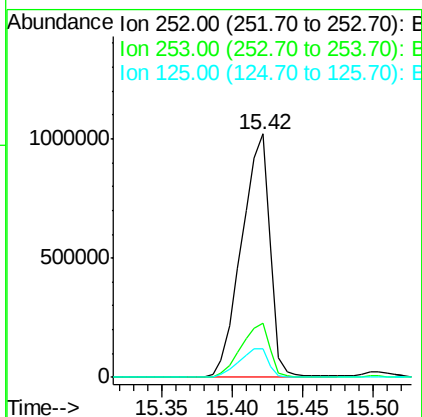
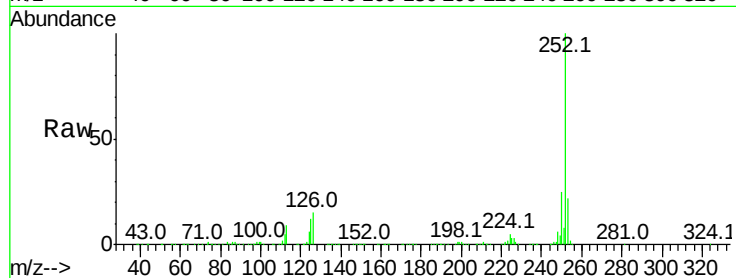
#89
Benzo(a)pyrene
Concen: 74.301 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.5	9.8	14.6

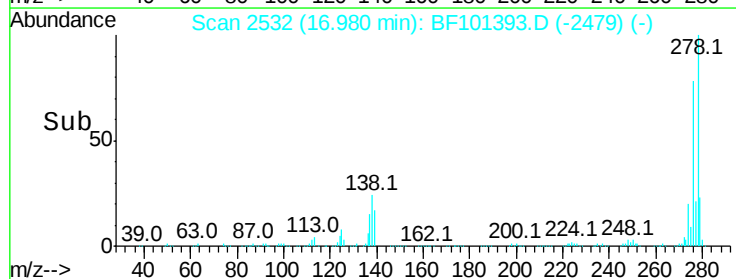
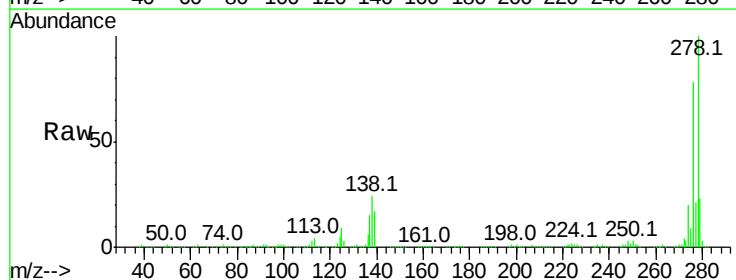
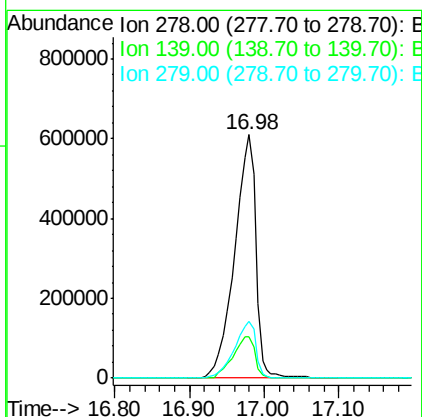
Manual Integrations
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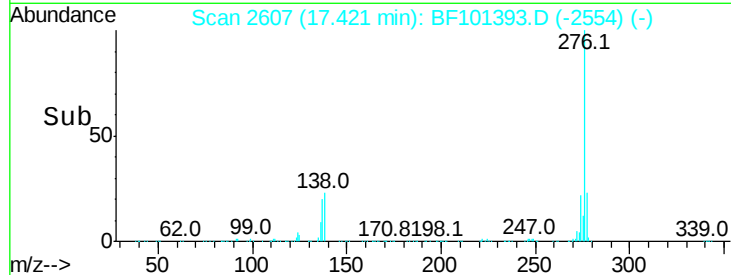
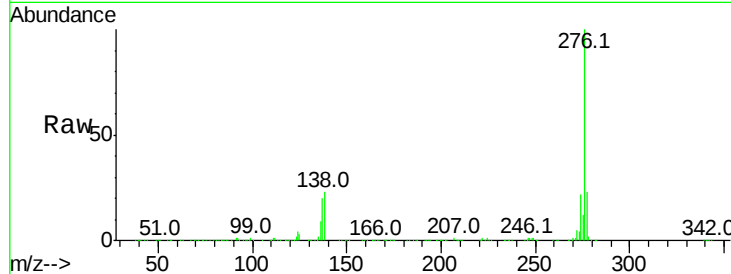
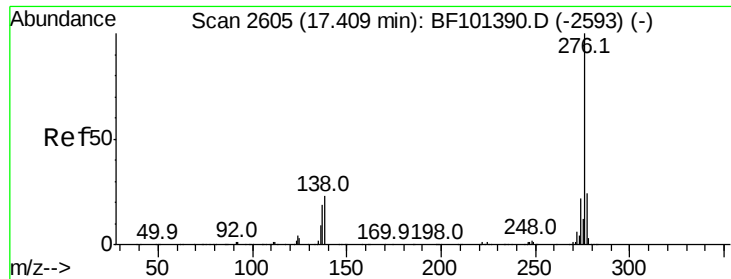
Sohil
12/15/2017 6:43:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 70.771 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF101393.D
Acq: 14 Dec 2017 14:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 79.049 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BF101393.D
 Acq: 14 Dec 2017 14:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:43:52 PM

