

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098493.D
 Acq On : 13 Sep 2017 16:45
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/14/2017 5:52:29 PM

Quant Time: Sep 14 05:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171435	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	723031	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	327512	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	599866	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	391355	20.00	ng	-0.01
86) Perylene-d12	15.20	264	313802	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	971003	83.74	ng	-0.02
7) Phenol-d6	6.31	99	1186766	80.61	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1050151	80.97	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	216906	99.23	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1659273	85.87	ng	-0.02
78) Terphenyl-d14	12.76	244	1596689	88.06	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	229161	38.292	ng	90
3) Pyridine	2.96	79	613852	38.624	ng	88
4) n-Nitrosodimethylamine	2.93	42	279899	35.923	ng	100
6) Aniline	6.32	93	723608	39.179	ng	# 22
8) 2-Chlorophenol	6.45	128	533081	41.810	ng	96
9) Benzaldehyde	6.21	77	372754	38.733	ng	96
10) Phenol	6.32	94	684922	40.055	ng	# 63
11) bis(2-Chloroethyl)ether	6.40	93	511659	39.687	ng	94
12) 1,3-Dichlorobenzene	6.60	146	545699	42.522	ng	98
13) 1,4-Dichlorobenzene	6.67	146	552727	42.048	ng	95
14) 1,2-Dichlorobenzene	6.83	146	502388	41.949	ng	98
15) Benzyl Alcohol	6.81	79	394333	40.247	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.94	45	788781	37.184	ng	79
17) 2-Methylphenol	6.93	107	424737	40.853	ng	94
18) Hexachloroethane	7.16	117	203945	40.512	ng	# 83
19) n-Nitroso-di-n-propylamine	7.08	70	356272	38.473	ng	98
20) 3+4-Methylphenols	7.09	107	539238	41.099	ng	# 72
22) Acetophenone	7.07	105	750886	40.182	ng	# 91
24) Nitrobenzene	7.25	77	579612	39.235	ng	94
25) Isophorone	7.49	82	1003092	38.227	ng	97
26) 2-Nitrophenol	7.56	139	278758	46.735	ng	# 85
27) 2,4-Dimethylphenol	7.61	122	463240	40.741	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	635237	39.674	ng	99
29) 2,4-Dichlorophenol	7.81	162	414212	43.801	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	443832	43.145	ng	99
31) Naphthalene	7.96	128	1475425	41.278	ng	100
32) Benzoic acid	7.77	122	313210	42.215	ng	99
33) 4-Chloroaniline	8.02	127	608658	41.900	ng	97
34) Hexachlorobutadiene	8.08	225	232068	43.945	ng	100
35) Caprolactam	8.41	113	131573	40.348	ng	# 86
36) 4-Chloro-3-methylphenol	8.51	107	482995	41.184	ng	# 84
37) 2-Methylnaphthalene	8.65	142	905096	41.804	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	441840	43.310	ng	99
40) Hexachlorocyclopentadiene	8.80	237	83877	34.456	ng	100

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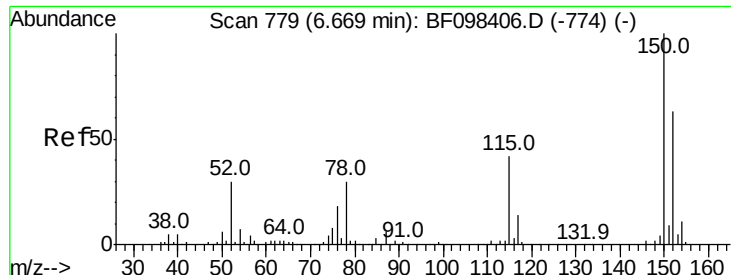
Manual Integrations
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 9/14/2017 5:52:29 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	274322	45.779	nq	91
43) 2,4,5-Trichlorophenol	8.99	196	283682	45.293	nq	90
45) 1,1'-Biphenyl	9.12	154	1225454	41.804	nq	98
46) 2-Chloronaphthalene	9.15	162	876691	41.876	nq	94
47) 2-Nitroaniline	9.25	65	313856	39.059	nq	96
48) Acenaphthylene	9.56	152	1278524	41.073	nq	99
49) Dimethylphthalate	9.42	163	1027048	40.511	nq	100
50) 2,6-Dinitrotoluene	9.49	165	226295	43.455	nq	# 86
51) Acenaphthene	9.73	154	814878	41.183	nq	98
52) 3-Nitroaniline	9.66	138	266424	42.382	nq	96
53) 2,4-Dinitrophenol	9.77	184	94660	42.881	nq	# 79
54) Dibenzofuran	9.90	168	1045236	40.097	nq	99
55) 4-Nitrophenol	9.84	139	149354	41.353	nq	# 59
56) 2,4-Dinitrotoluene	9.90	165	273034	43.126	nq	# 60
57) Fluorene	10.24	166	875572	40.581	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	184226	43.767	nq	97
59) Diethylphthalate	10.12	149	966367	40.080	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	412444	41.386	nq	# 87
61) 4-Nitroaniline	10.27	138	258860	40.775	nq	89
62) Azobenzene	10.39	77	944469	36.345	nq	97
64) 4,6-Dinitro-2-methylphenol	10.31	198	161525	44.325	nq	# 72
65) n-Nitrosodiphenylamine	10.36	169	800671	41.107	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	249319	43.792	nq	93
67) Hexachlorobenzene	10.79	284	257877	44.655	nq	# 83
68) Atrazine	10.89	200	250953	41.850	nq	98
69) Pentachlorophenol	10.99	266	104353	44.220	nq	95
70) Phenanthrene	11.20	178	1307682	41.121	nq	99
71) Anthracene	11.25	178	1314333	40.256	nq	98
72) Carbazole	11.41	167	1223154	40.198	nq	99
73) Di-n-butylphthalate	11.74	149	1465229	40.190	nq	99
74) Fluoranthene	12.38	202	1304919	40.990	nq	99
76) Benzidine	12.51	184	722266	41.701	nq	96
77) Pyrene	12.61	202	1338724	43.363	nq	99
79) Butylbenzylphthalate	13.23	149	575394	42.961	nq	# 77
80) Benzo(a)anthracene	13.80	228	957672	41.739	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	381848	42.824	nq	# 95
82) Chrysene	13.83	228	939513	40.508	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	689327	41.009	nq	# 100
84) Di-n-octyl phthalate	14.40	149	1127100	39.082	nq	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	722596	44.407	nq	99
87) Benzo(b)fluoranthene	14.81	252	788522	39.964	nq	99
88) Benzo(k)fluoranthene	14.84	252	775685m	42.111	nq	
89) Benzo(a)pyrene	15.14	252	722114	41.080	nq	99
90) Dibenzo(a,h)anthracene	16.55	278	589355	46.090	nq	98
91) Benzo(g,h,i)perylene	16.94	276	609494	47.390	nq	97

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



#1

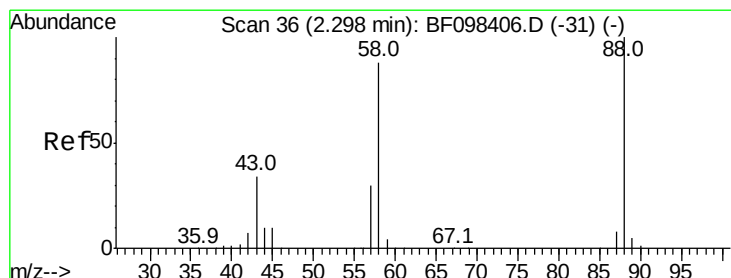
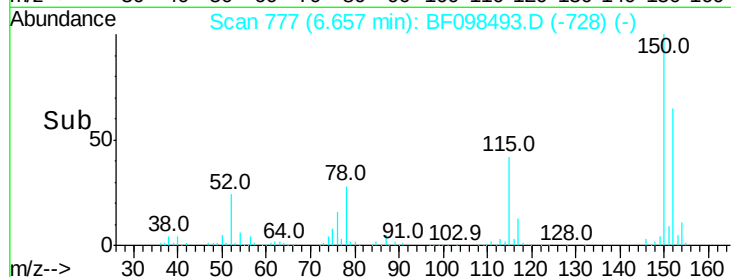
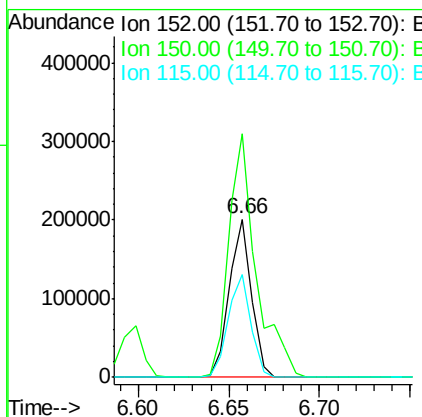
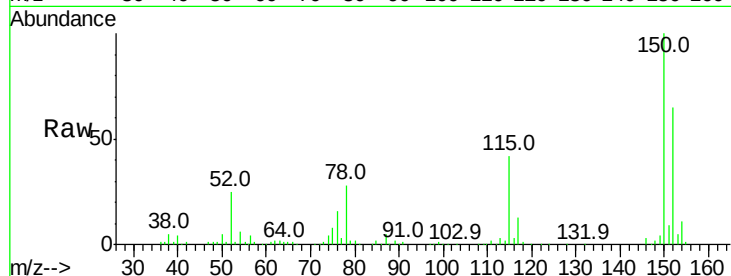
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	64.9	52.2	78.2

Manual Integrations
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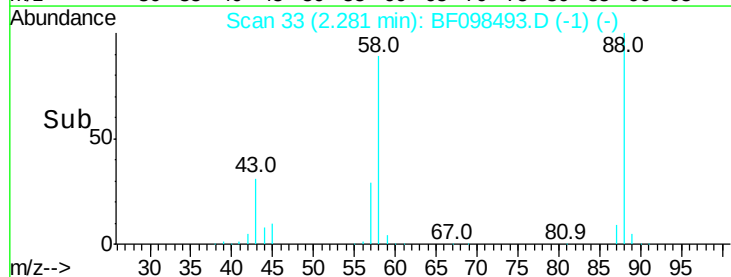
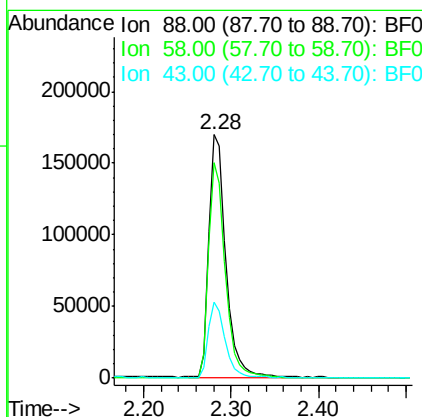
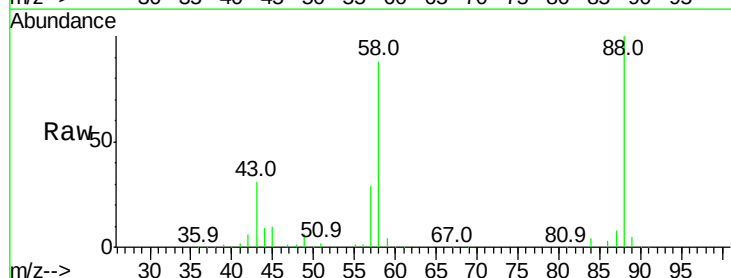
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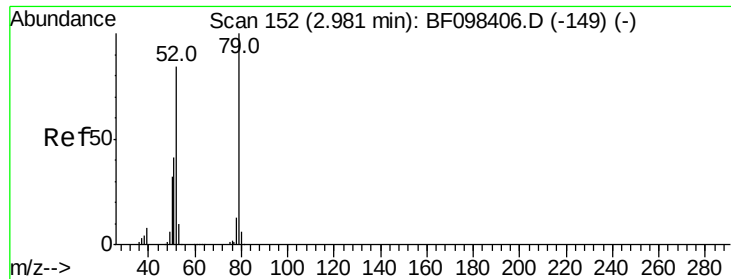


#2

1,4-Dioxane
Concen: 38.292 ng
RT: 2.28 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	61.4	92.0
43	30.7	23.4	35.0





#3

Pvridine

Concen: 38.624 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.02 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

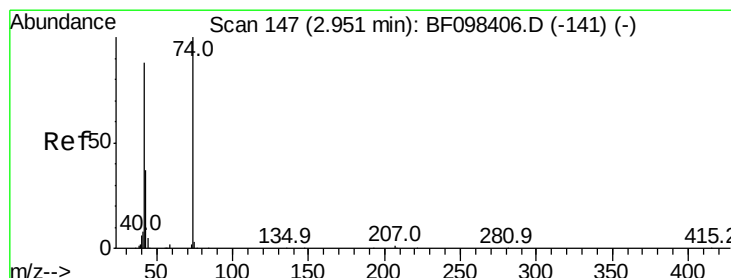
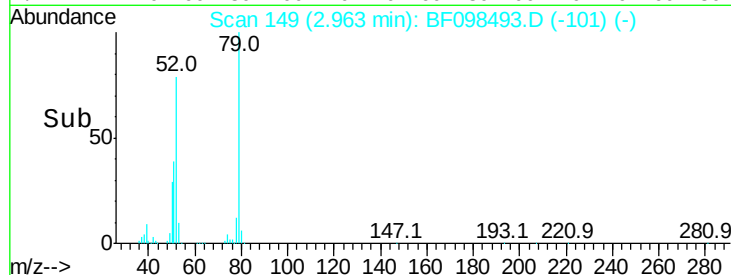
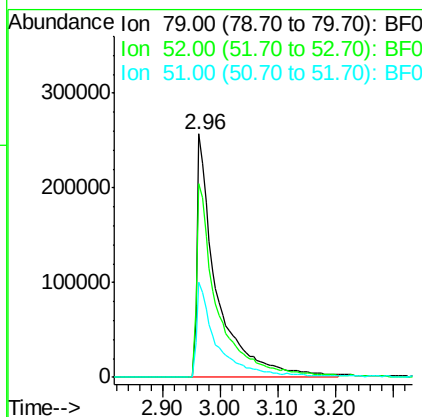
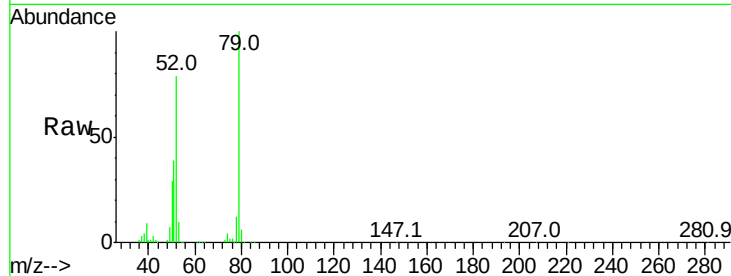
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	613852
Ion Ratio	Lower	Upper	
79	100		
52	79.4	54.8	82.2
51	39.1	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.923 ng

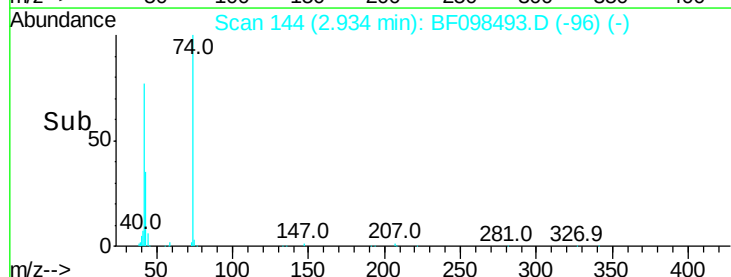
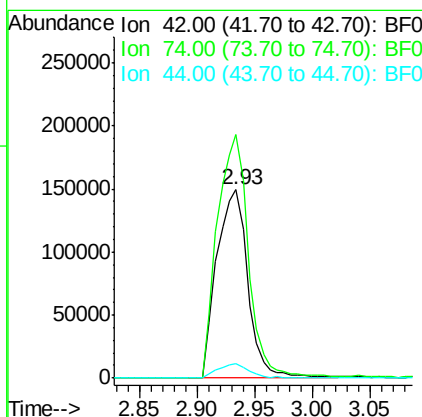
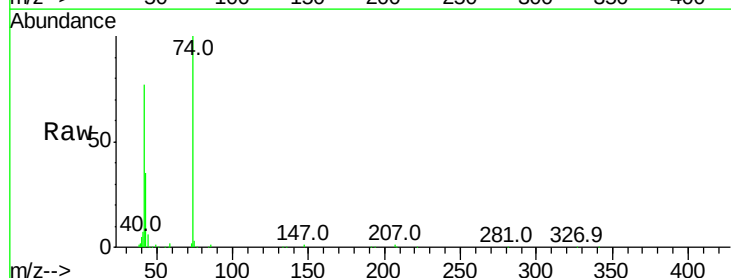
RT: 2.93 min Scan# 144

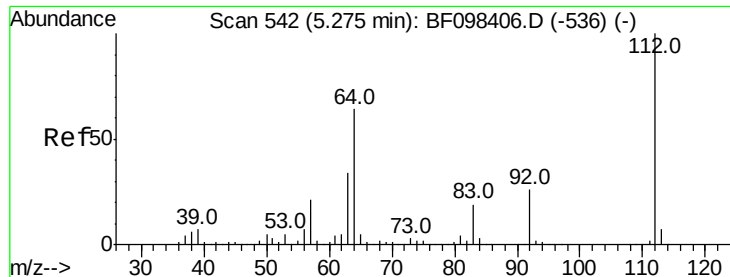
Delta R.T. -0.02 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	42	Resp:	279899
Ion Ratio	Lower	Upper	
42	100		
74	129.5	103.9	155.9
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 83.743 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

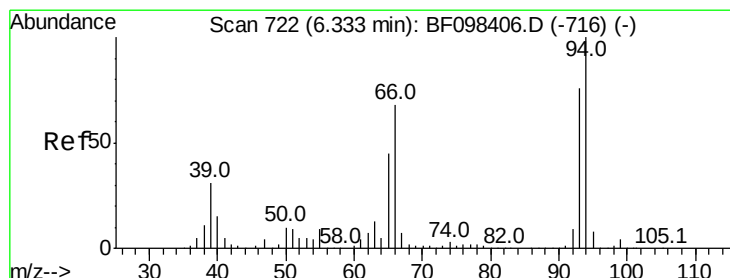
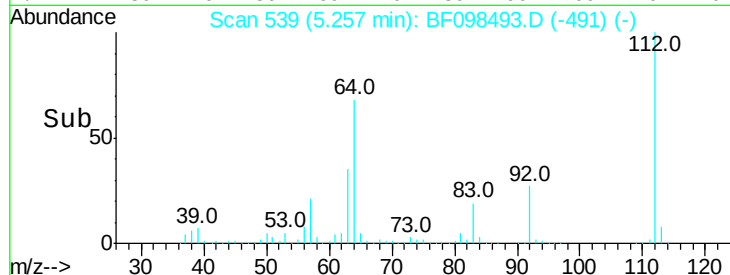
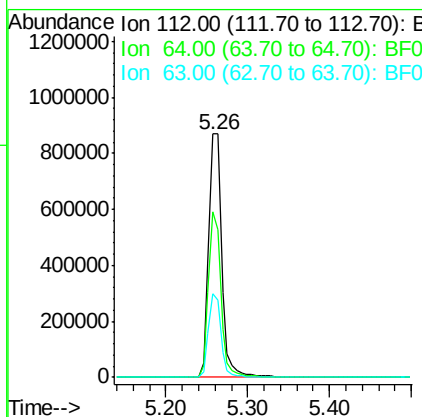
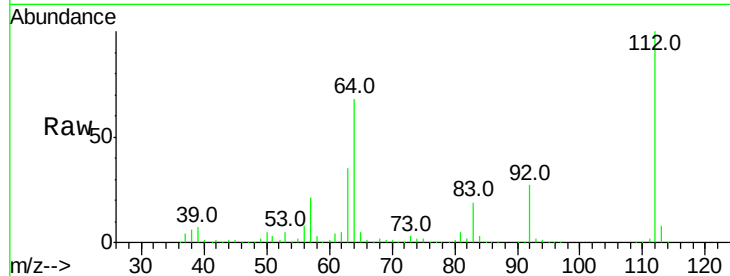
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	971003
Ion Ratio	Lower	Upper	
112	100		
64	68.0	46.0	69.0
63	34.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 39.179 ng

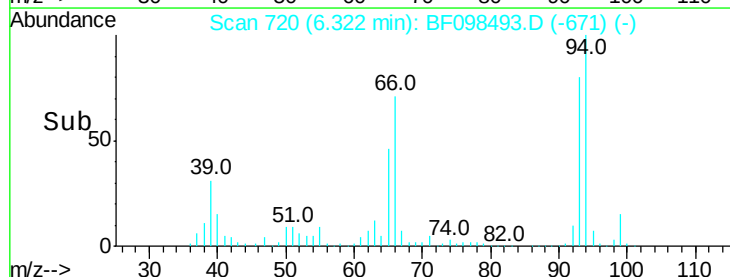
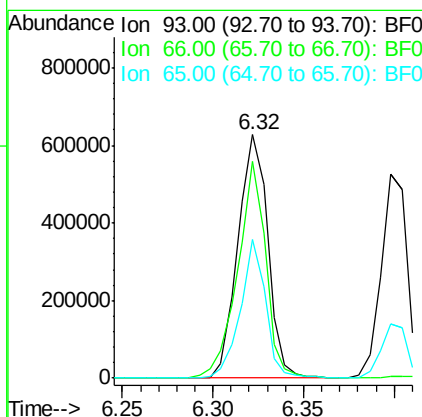
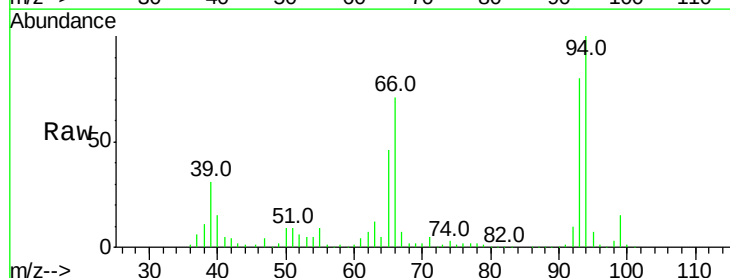
RT: 6.32 min Scan# 720

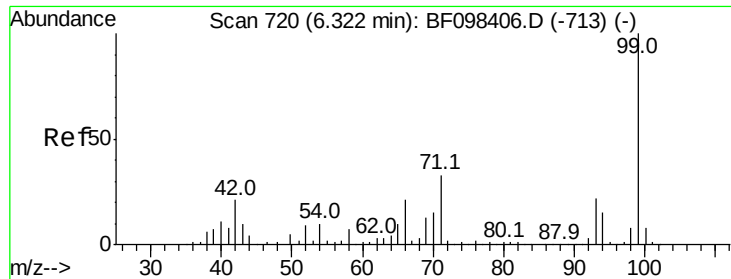
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	93	Resp:	723608
Ion Ratio	Lower	Upper	
93	100		
66	88.8	32.9	49.3#
65	57.1	16.0	24.0#





#7

Phenol-d6

Concen: 80.613 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1186766

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

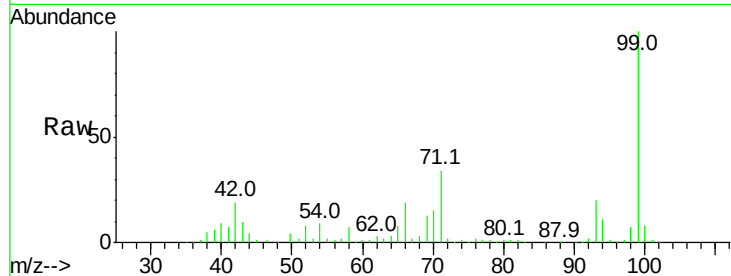
71 33.7 24.5 36.7

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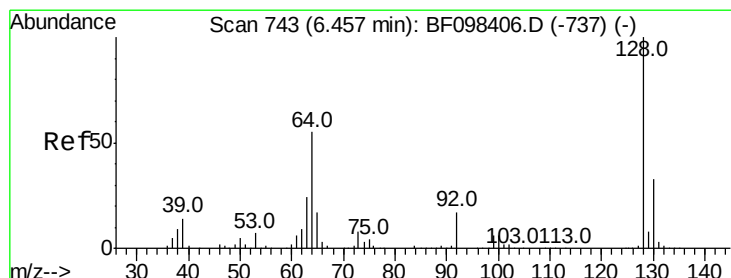
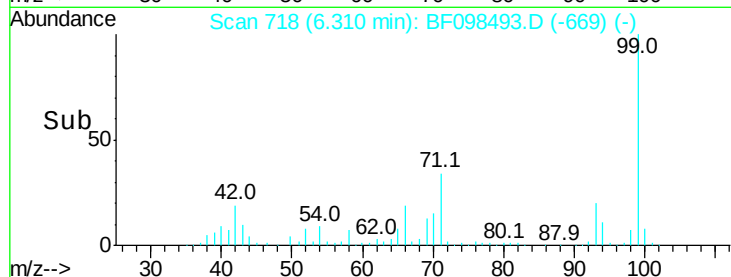
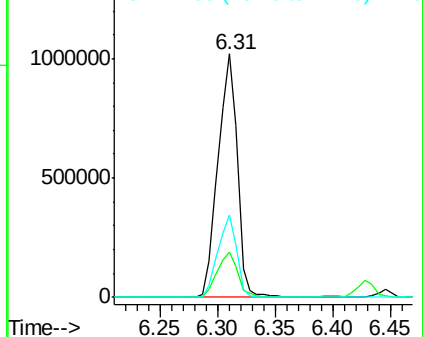
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.810 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

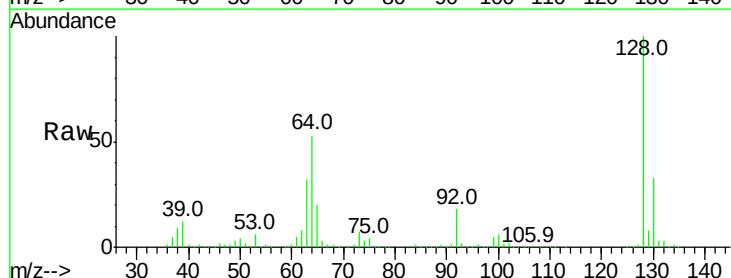
Tgt Ion: 128 Resp: 533081

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

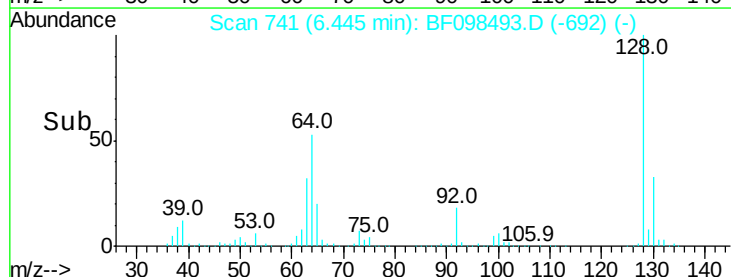
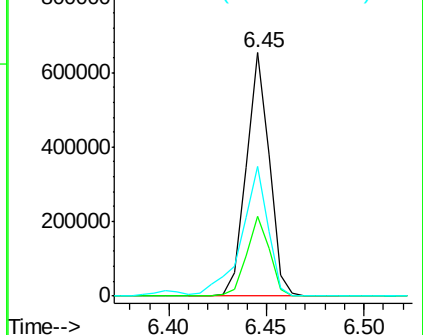
64 53.1 28.4 68.4

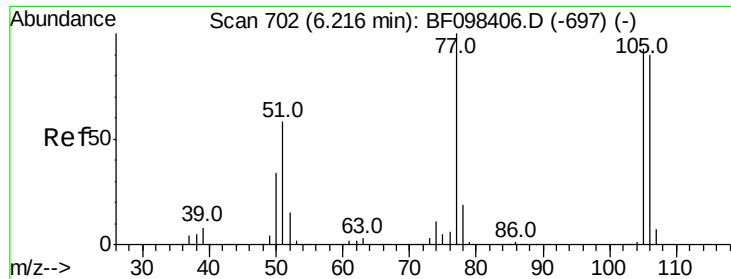


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.733 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

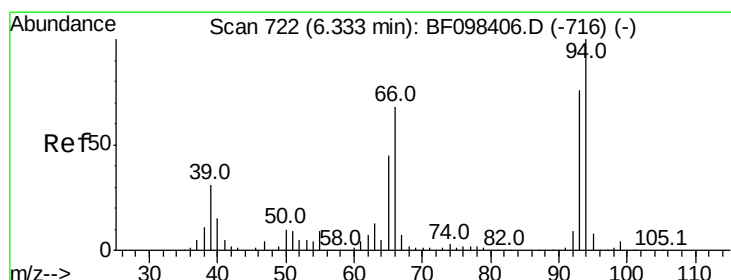
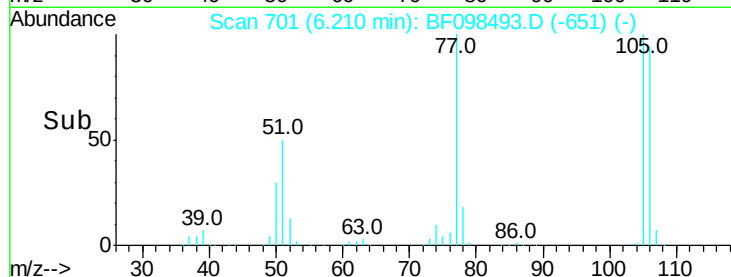
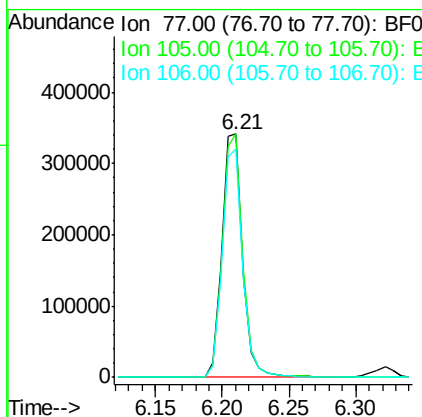
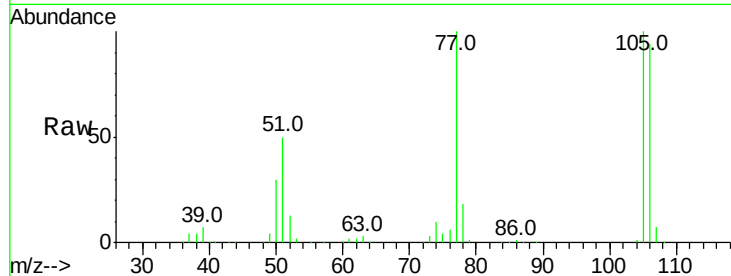
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	372754
Ion Ratio	Lower	Upper	
77	100		
105	99.9	83.8	123.8
106	94.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 40.055 ng

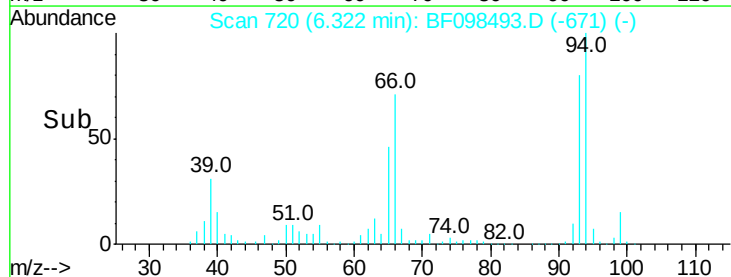
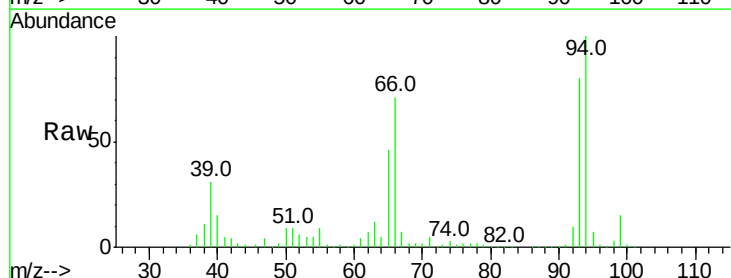
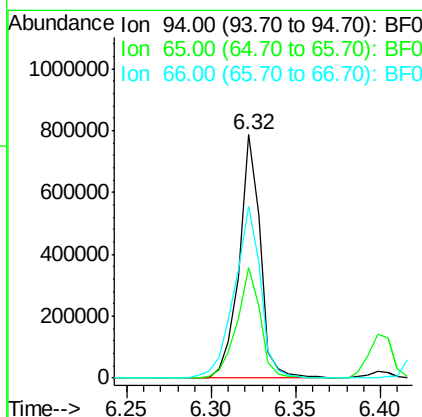
RT: 6.32 min Scan# 720

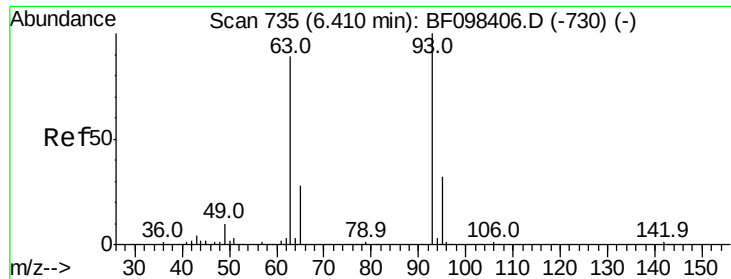
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	94	Resp:	684922
Ion Ratio	Lower	Upper	
94	100		
65	45.5	9.9	49.9
66	70.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.687 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

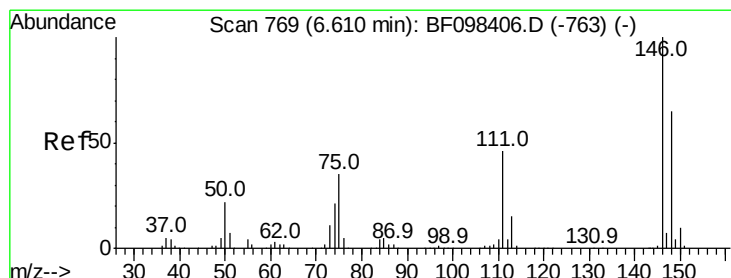
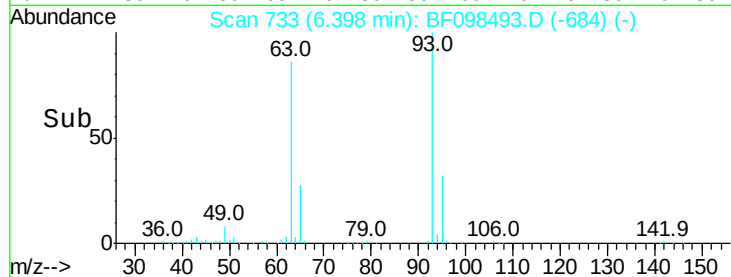
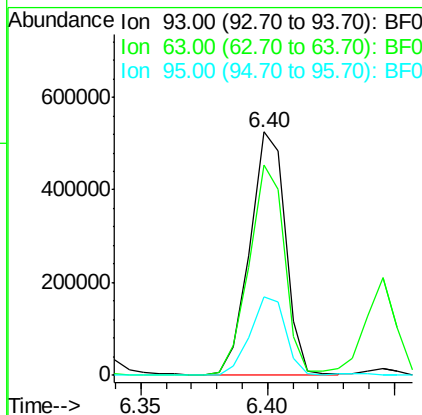
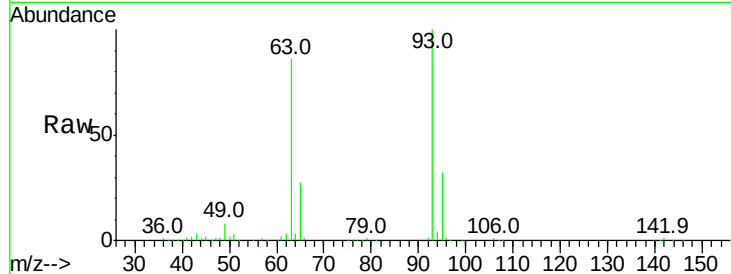
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	511659
Ion Ratio	Lower	Upper	
93	100		
63	86.2	59.2	99.2
95	32.4	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.522 ng

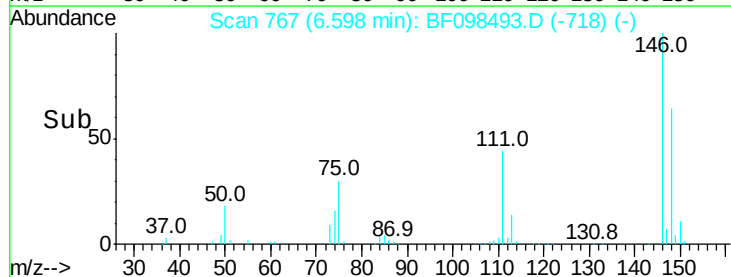
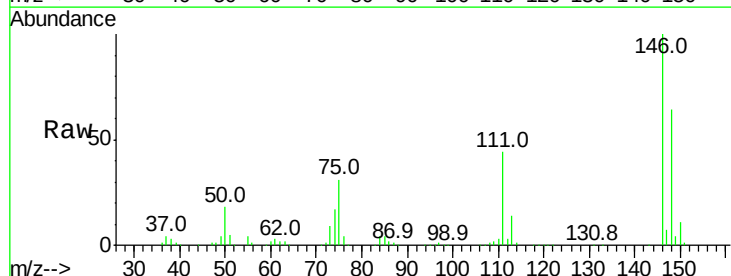
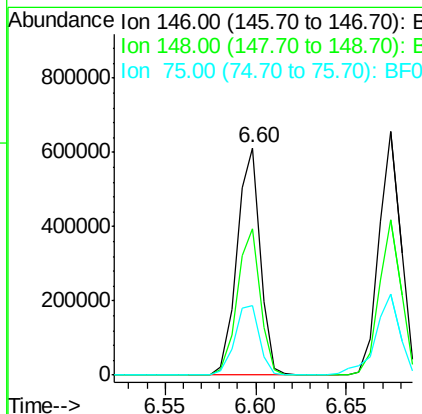
RT: 6.60 min Scan# 767

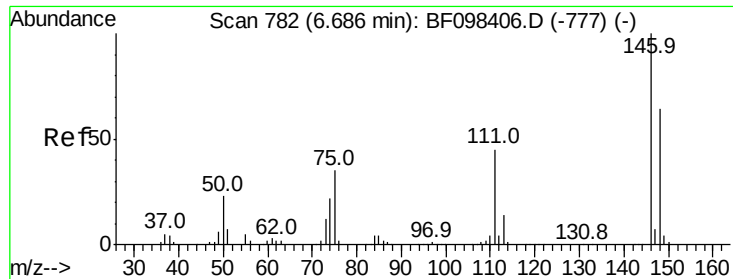
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	146	Resp:	545699
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	30.9	23.1	34.7





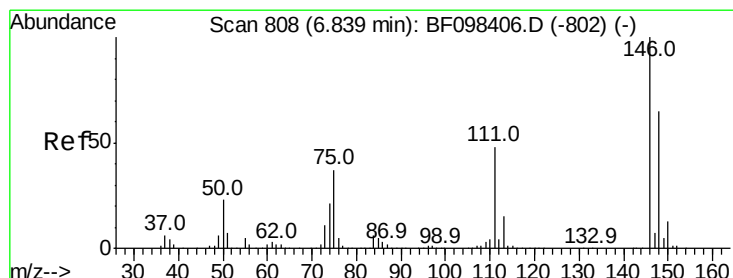
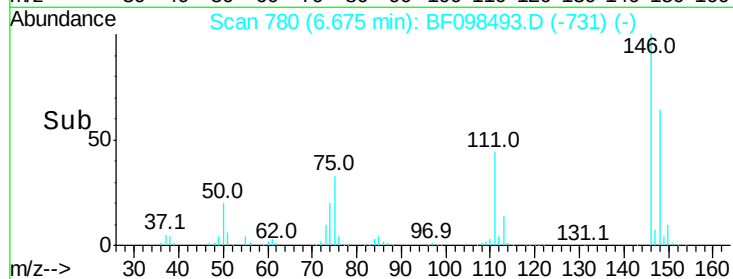
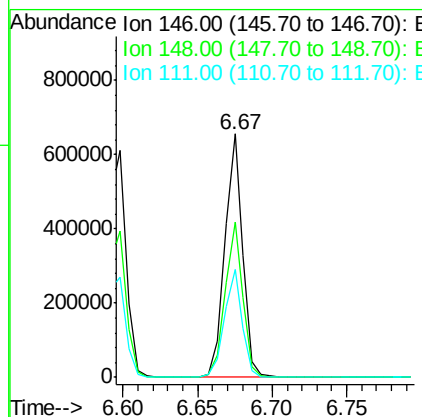
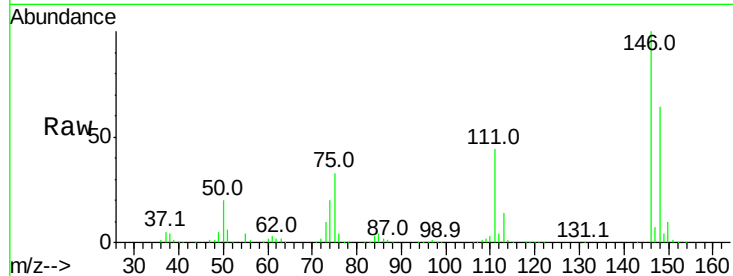
#13
 1,4-Dichlorobenzene
 Concen: 42.048 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	44.2	30.3	45.5

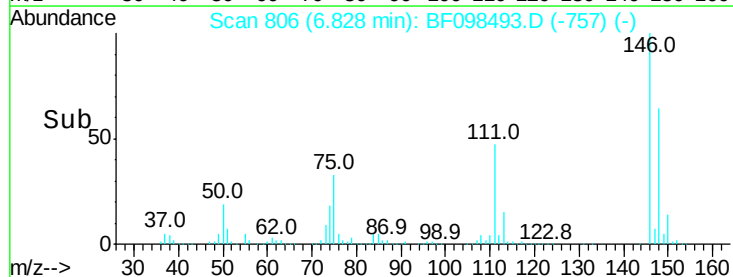
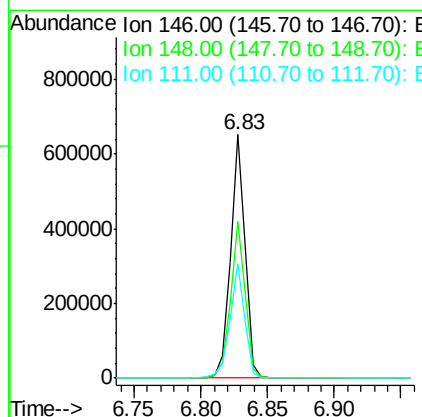
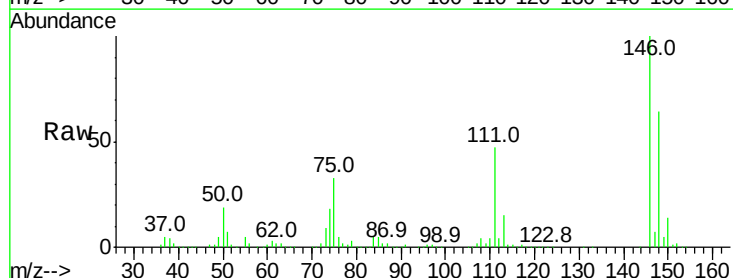
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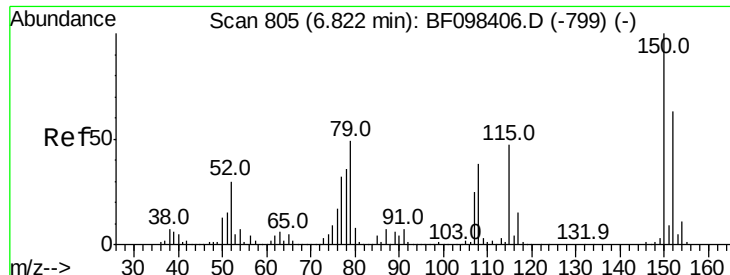
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#14
 1,2-Dichlorobenzene
 Concen: 41.949 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	46.9	38.2	57.4





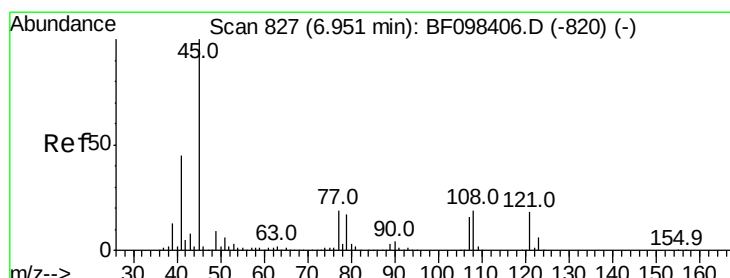
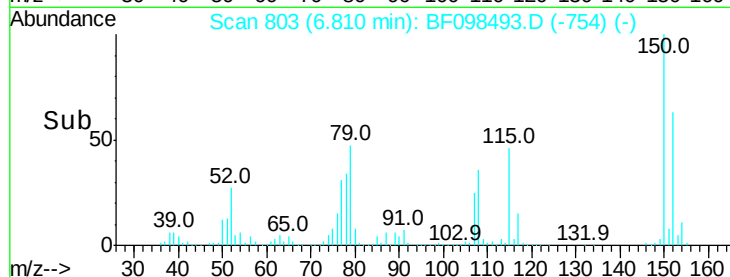
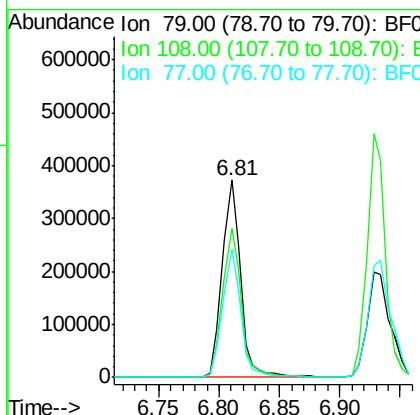
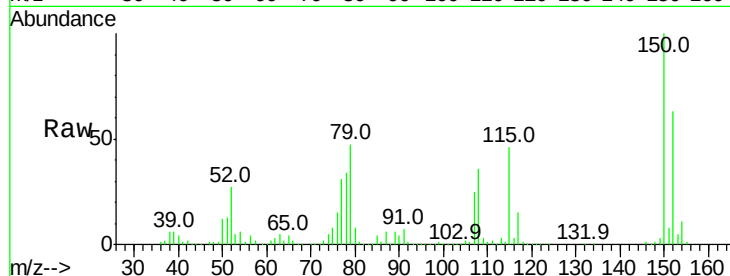
#15
Benzyl Alcohol
Concen: 40.247 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	63.4	95.0
77	65.1	49.2	73.8

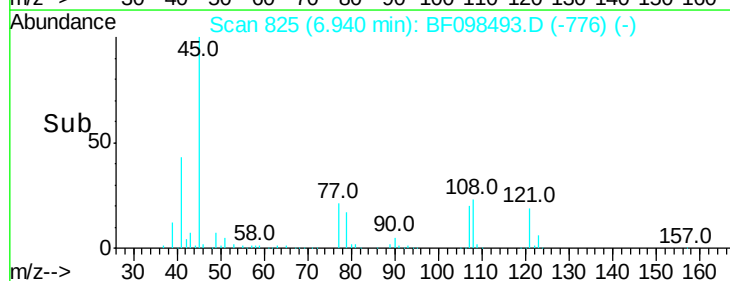
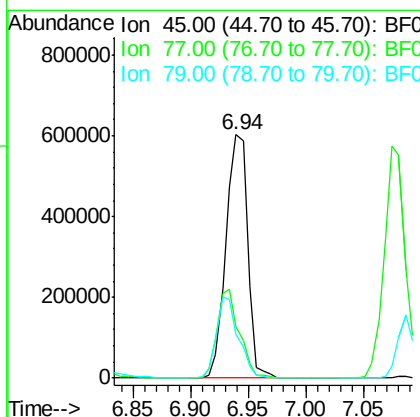
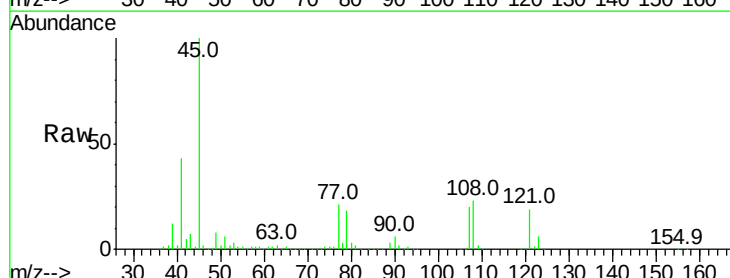
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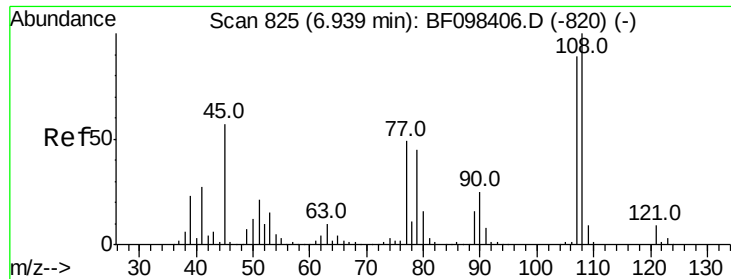
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.184 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	33.2
79	18.0	0.0	30.0





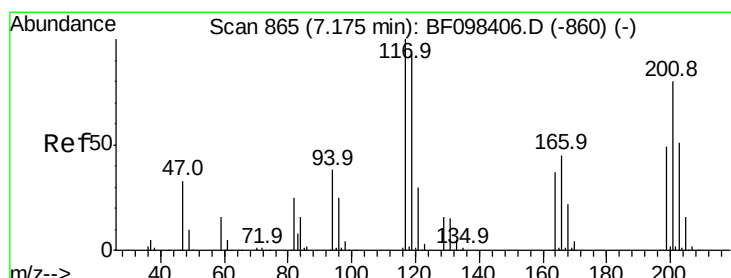
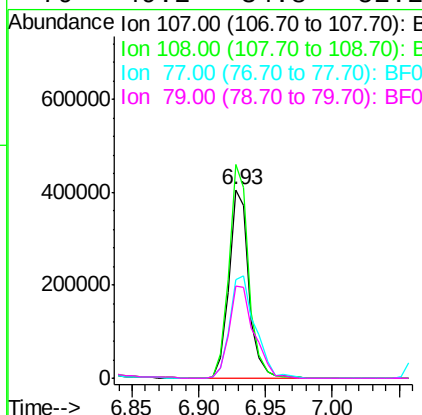
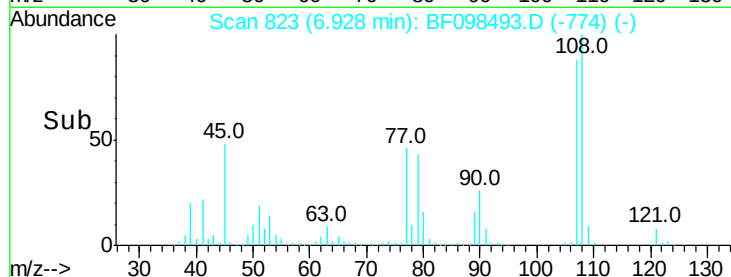
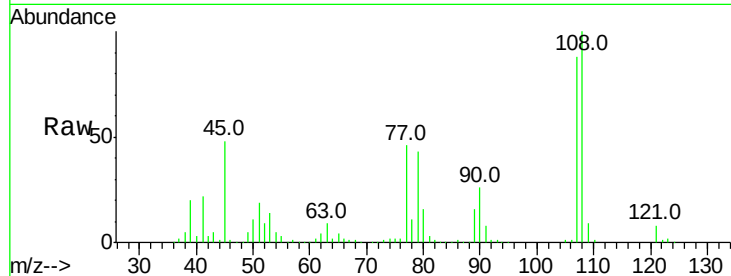
#17
2-Methylphenol
Concen: 40.853 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.4	140.0	
77	52.2	35.8	53.6	
79	49.2	34.8	52.2	

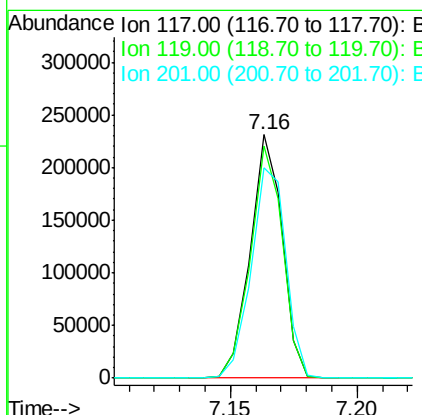
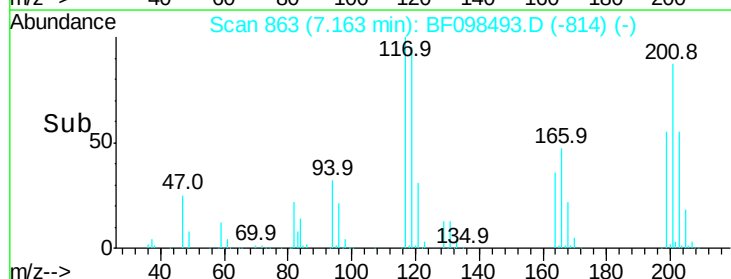
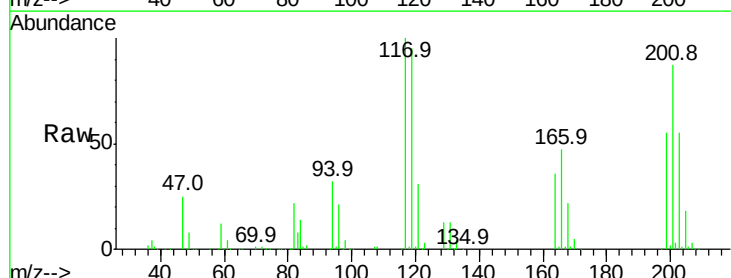
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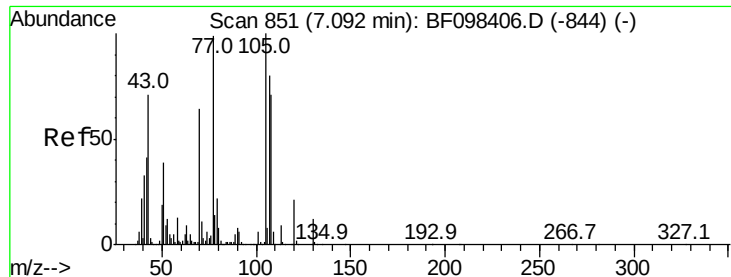
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#18
Hexachloroethane
Concen: 40.512 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.4	116.0	
201	86.6	94.6	141.8#	





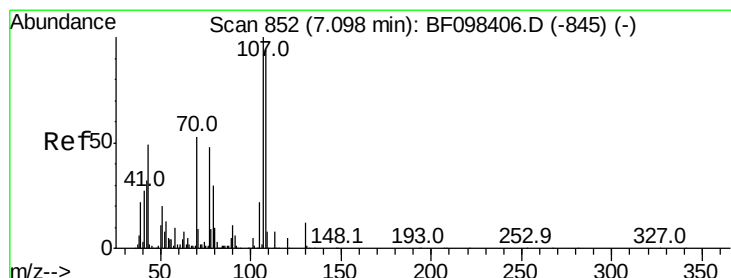
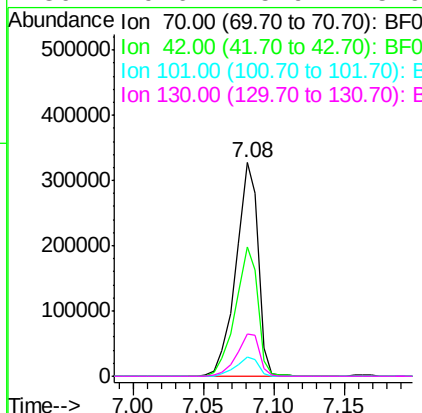
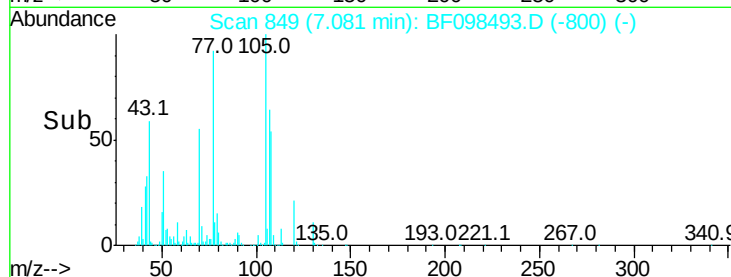
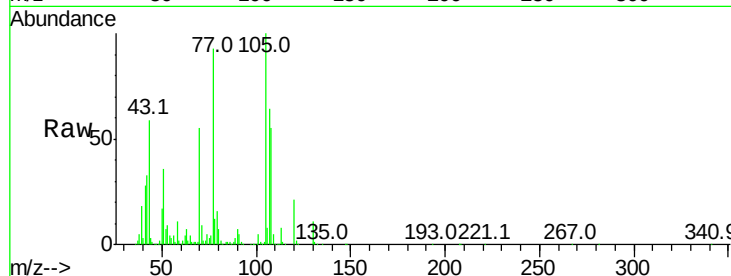
#19
n-Nitroso-di-n-propylamine
Concen: 38.473 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.2	70.8
101	9.1	7.2	10.8
130	19.6	15.9	23.9

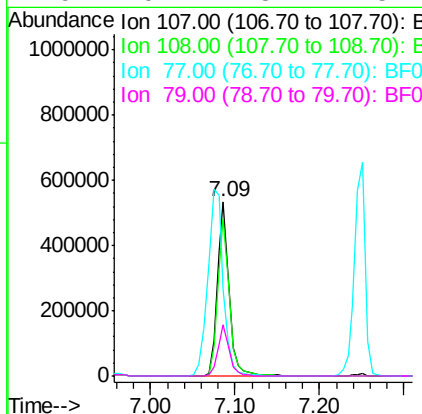
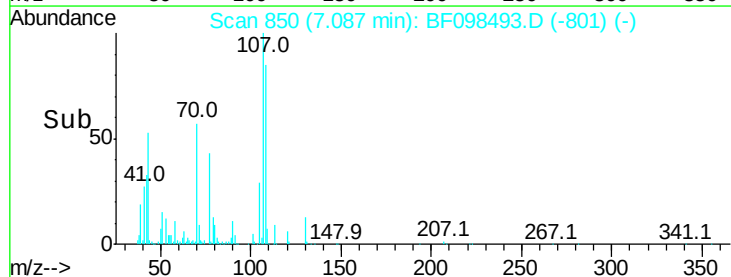
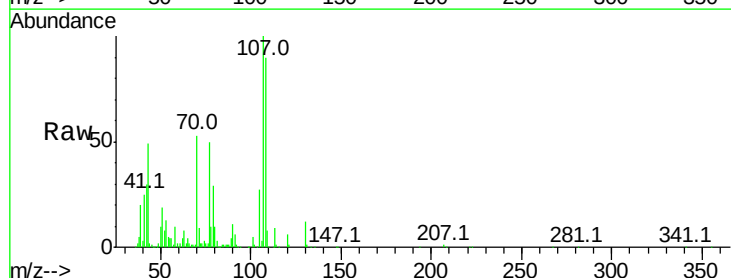
Manual Integrations
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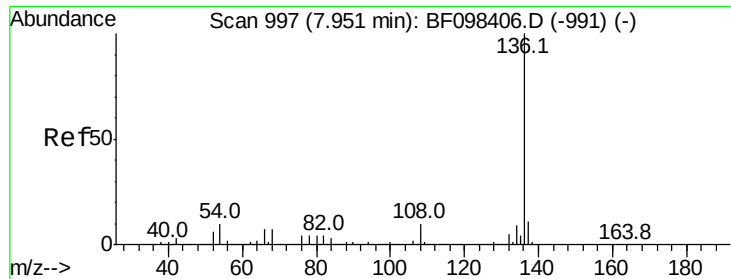
Sohil
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#20
3+4-Methylphenols
Concen: 41.099 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.0	111.0
77	50.2	90.5	130.5#
79	29.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

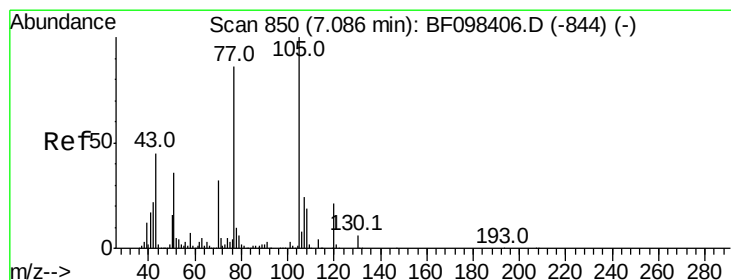
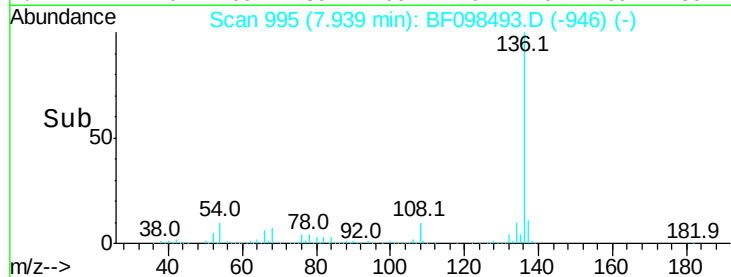
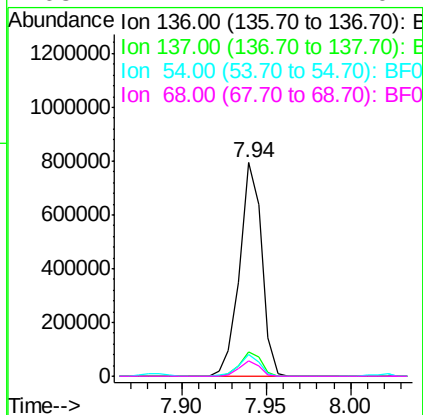
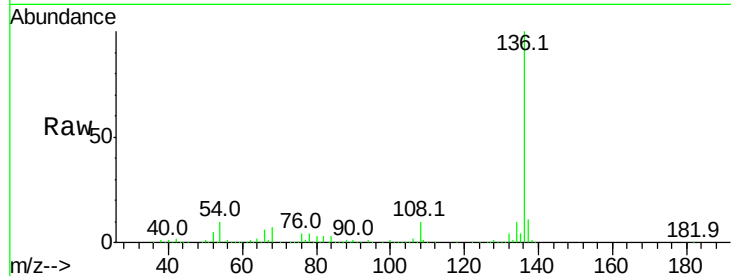
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.2	4.9	7.3#
68	7.1	4.1	6.1#

Manual Integrations
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#22

Acetophenone

Concen: 40.182 ng

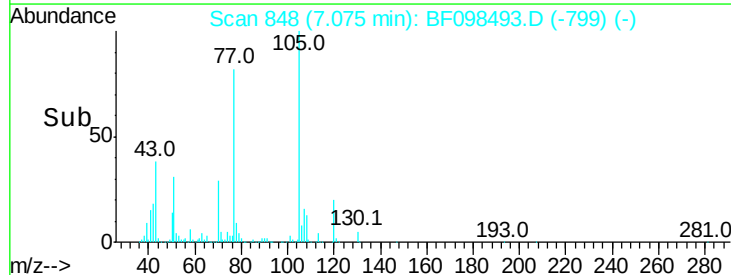
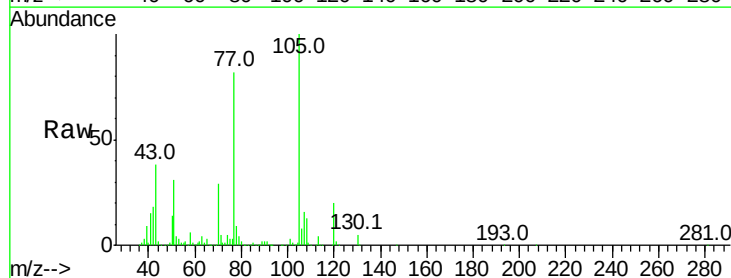
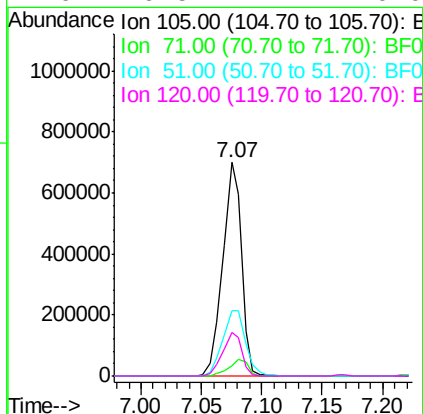
RT: 7.07 min Scan# 848

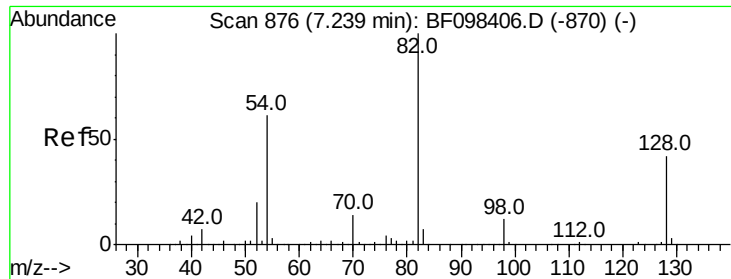
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.8	4.2#
51	30.8	30.7	46.1
120	20.5	17.4	26.0





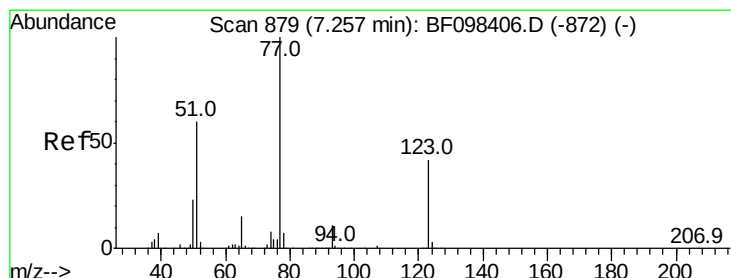
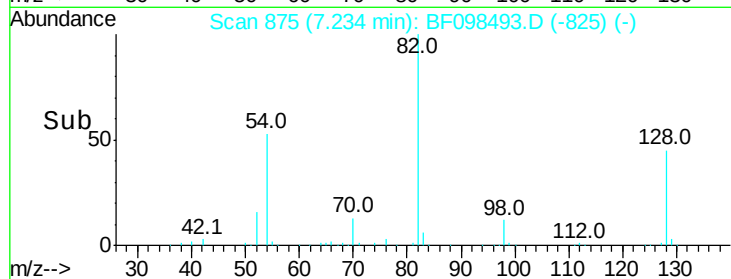
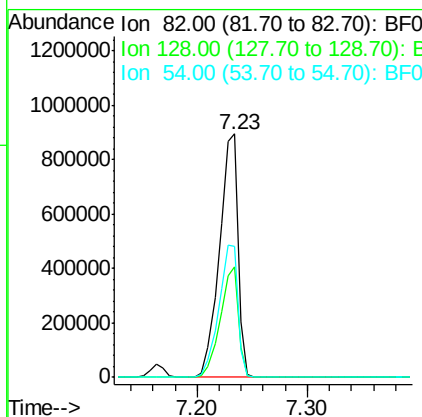
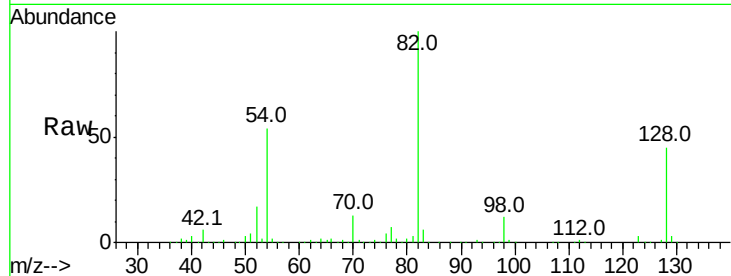
#23
 Nitrobenzene-d5
 Concen: 80.972 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	53.7	42.2	63.2

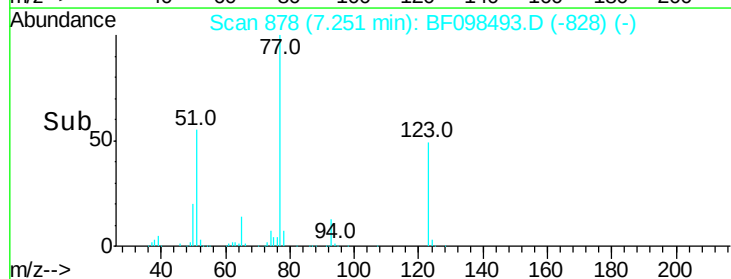
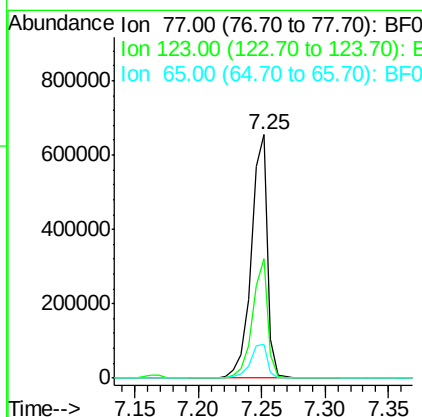
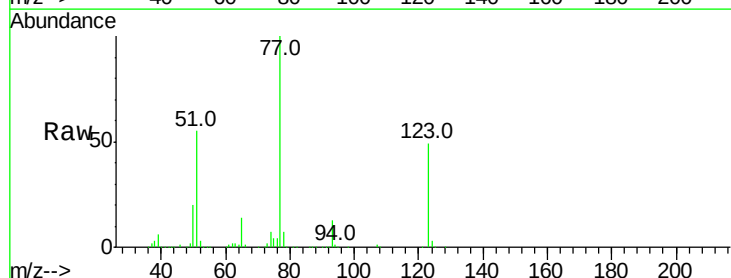
Manual Integrations
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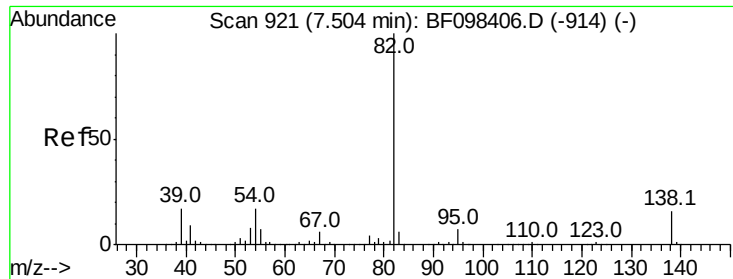
Sohil
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#24
 Nitrobenzene
 Concen: 39.235 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	35.8	53.8
65	14.1	10.6	15.8





#25

Isophorone

Concen: 38.227 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1003092

Ion Ratio Lower Upper

82 100

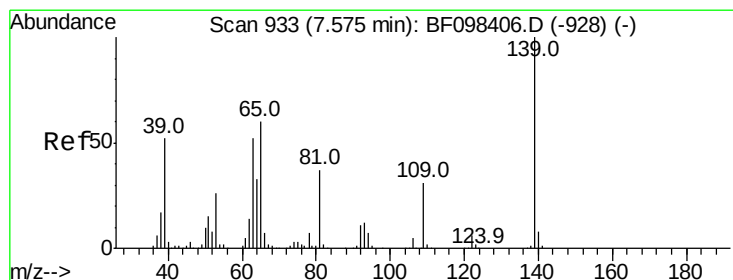
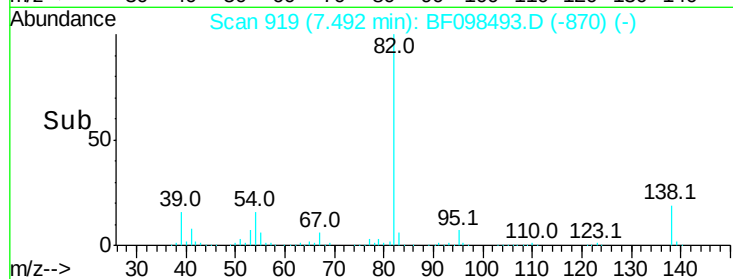
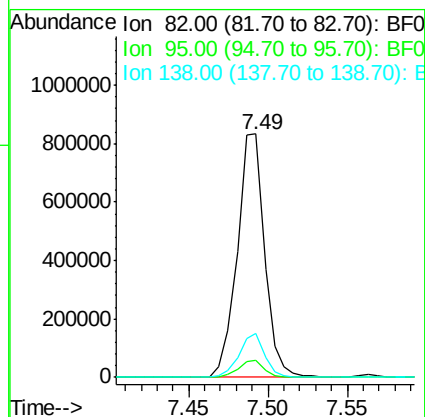
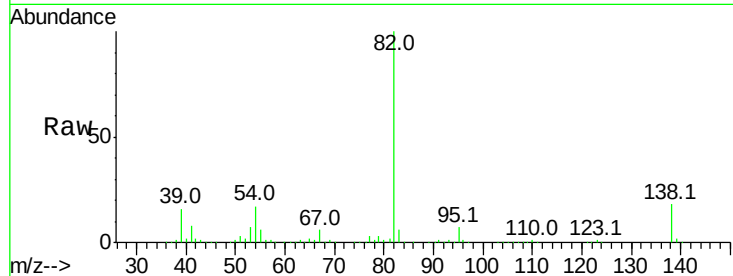
95 6.9 5.3 7.9

138 18.2 13.1 19.7

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 46.735 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

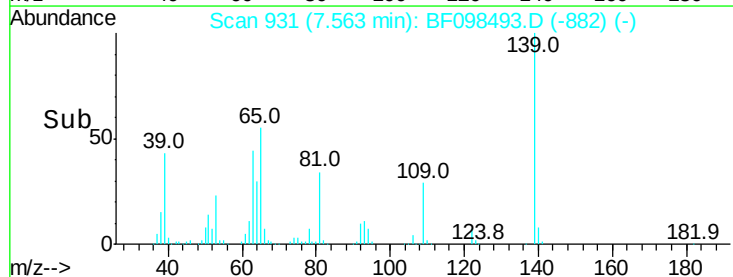
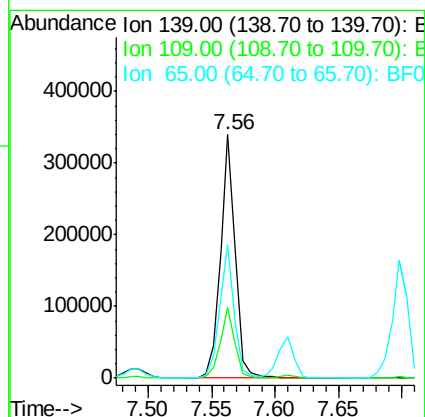
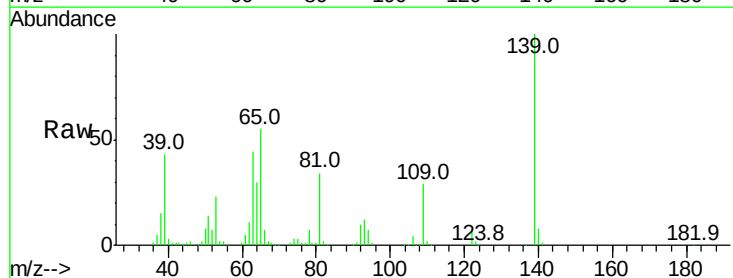
Tgt Ion: 139 Resp: 278758

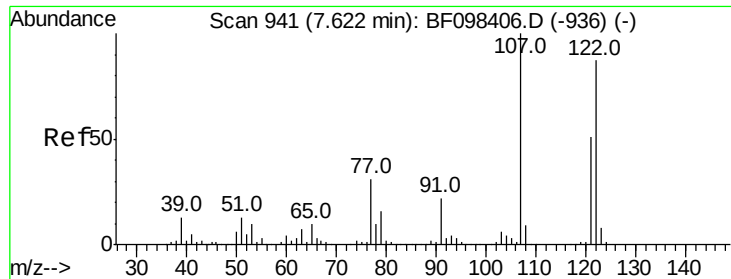
Ion Ratio Lower Upper

139 100

109 29.1 21.0 31.6

65 54.8 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.741 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

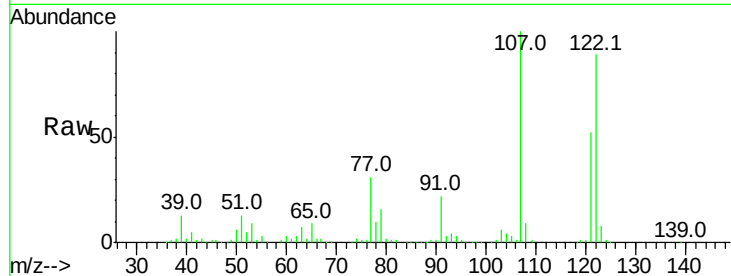
ClientSampleId :

SSTDCCC040

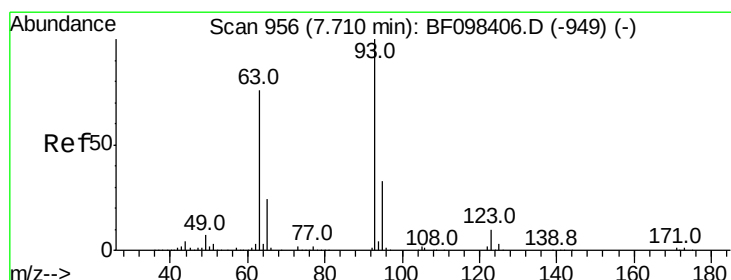
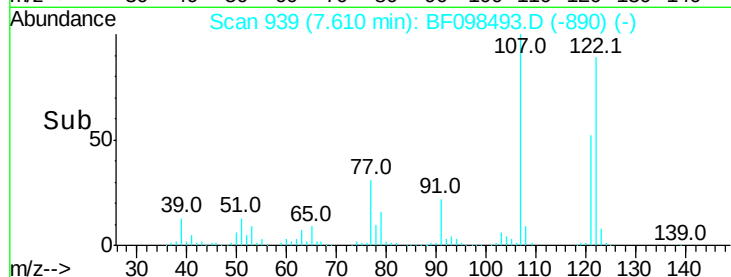
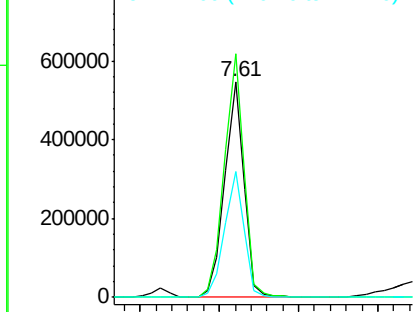
Tot Ion:	122	Resp:	463240
Ion Ratio	Lower	Upper	
122	100		
107	112.7	89.2	133.8
121	58.3	45.2	67.8

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9/14/2017 5:52:29 PM



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: 39.674 ng

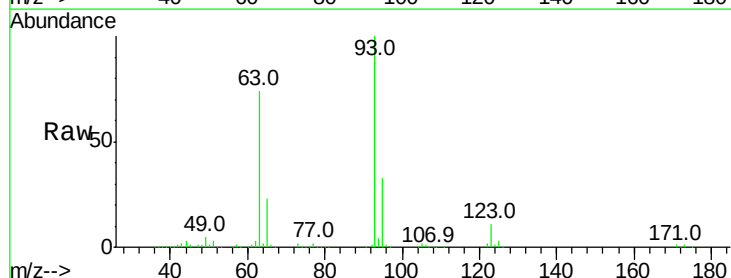
RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

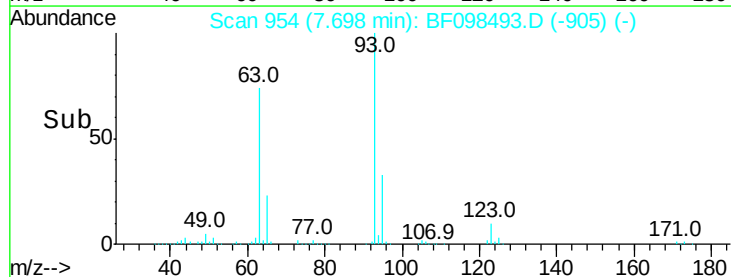
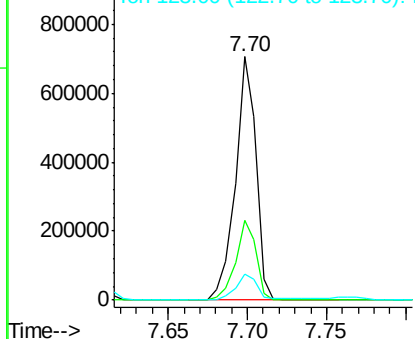
Lab File: BF098493.D

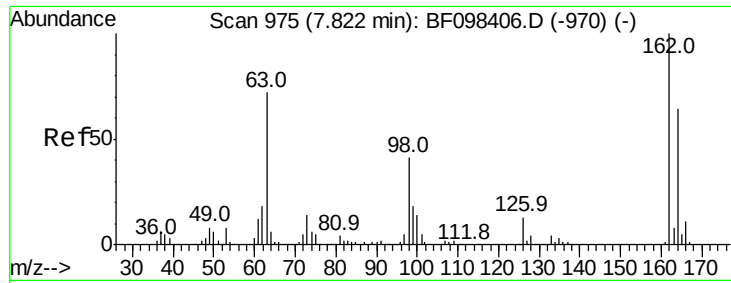
Acq: 13 Sep 2017 16:45

Tgt Ion:	93	Resp:	635237
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	10.5	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





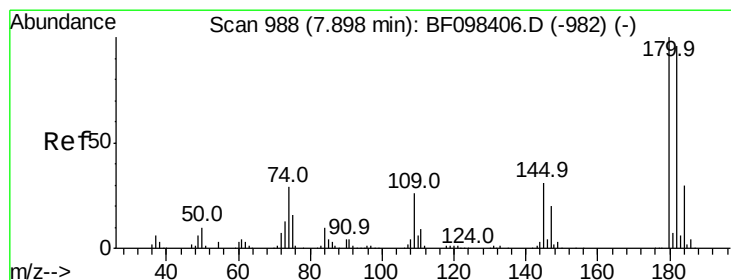
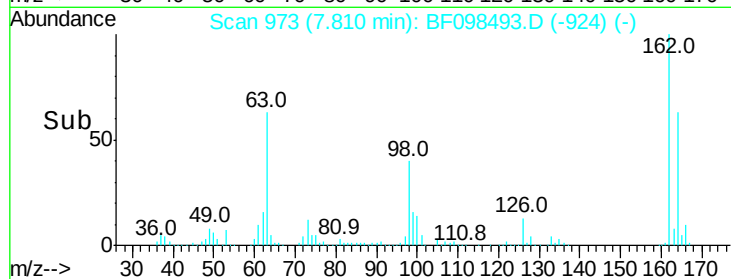
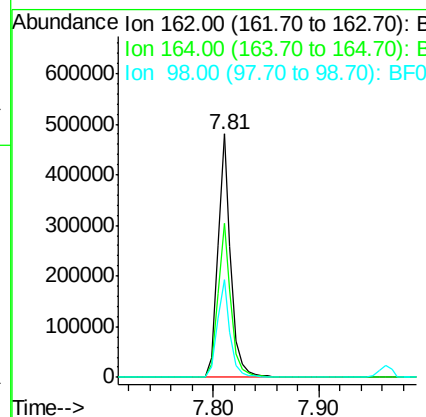
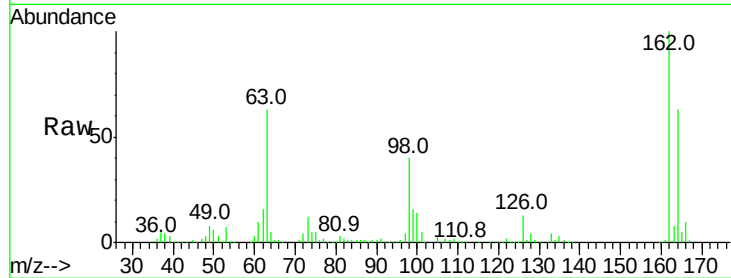
#29
2,4-Dichlorophenol
Concen: 43.801 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	414212		
164	63.3	44.6	84.6	
98	40.3	14.8	54.8	

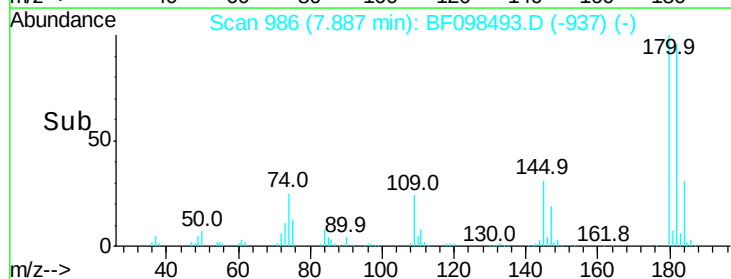
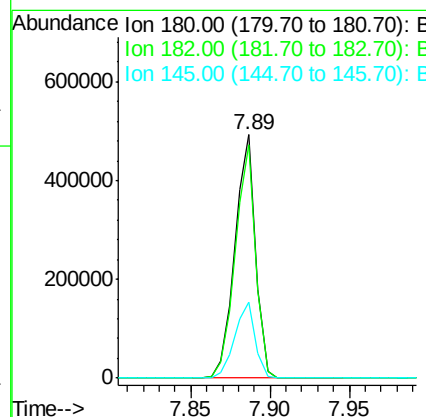
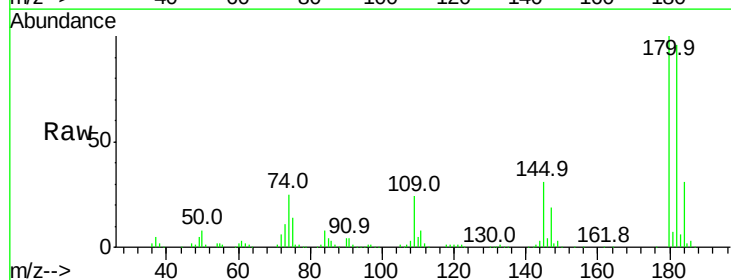
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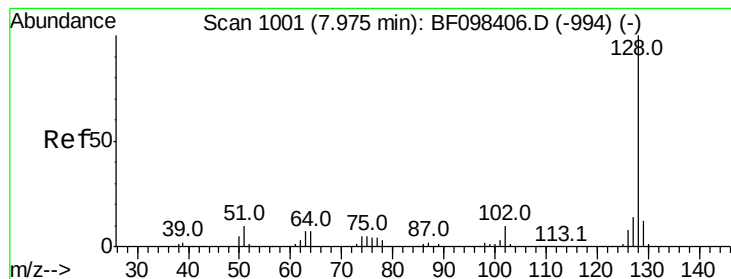
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#30
1,2,4-Trichlorobenzene
Concen: 43.145 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443832		
182	95.7	75.8	113.6	
145	31.4	25.3	37.9	





#31

Naphthalene

Concen: 41.278 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1475425

Ion Ratio Lower Upper

128 100

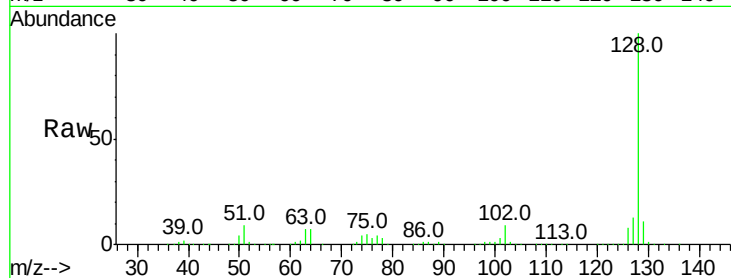
129 11.3 9.0 13.6

127 13.2 10.8 16.2

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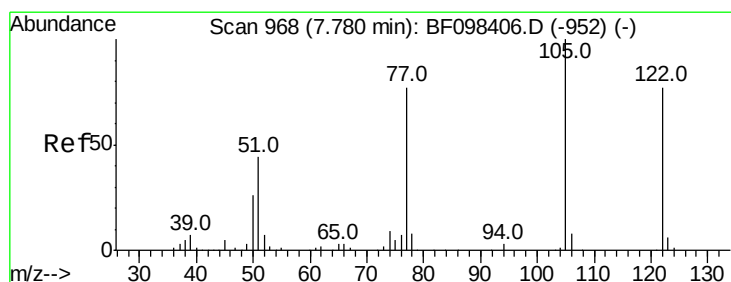
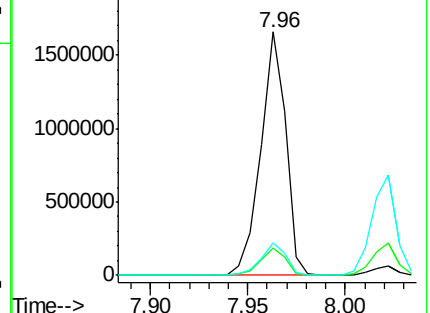
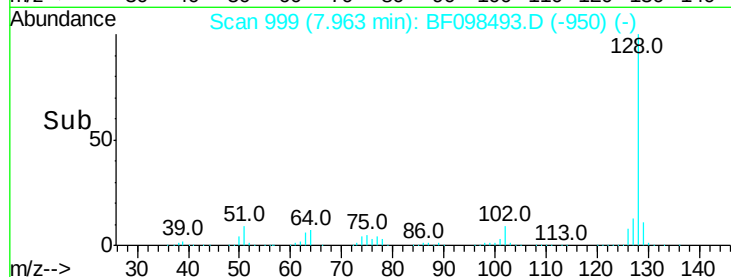
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.215 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

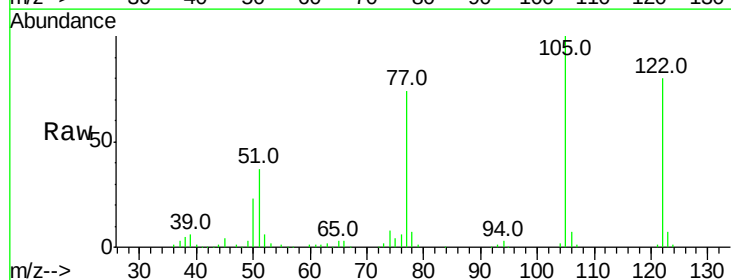
Tgt Ion:122 Resp: 313210

Ion Ratio Lower Upper

122 100

105 124.4 103.3 143.3

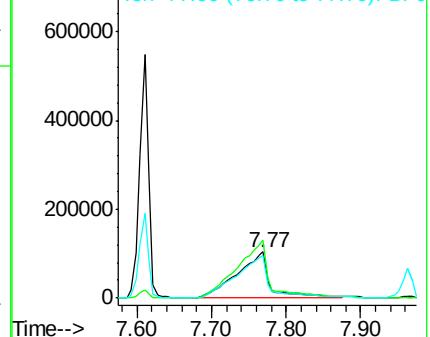
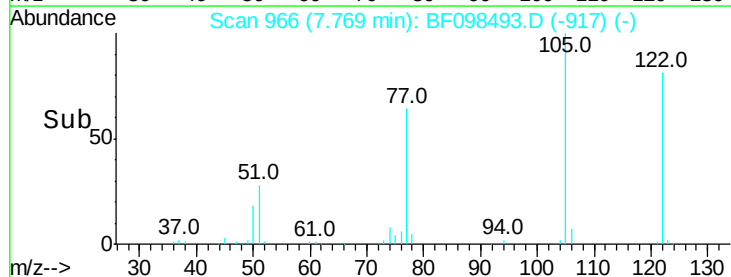
77 92.0 73.7 113.7

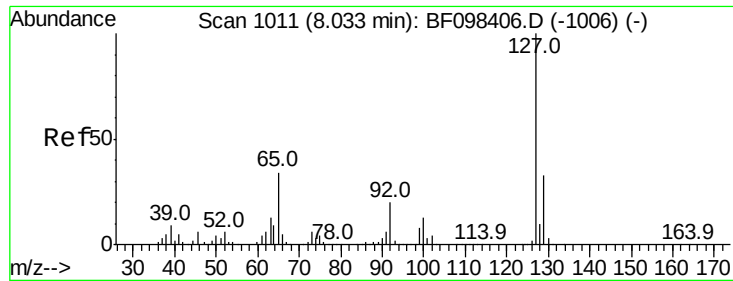


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





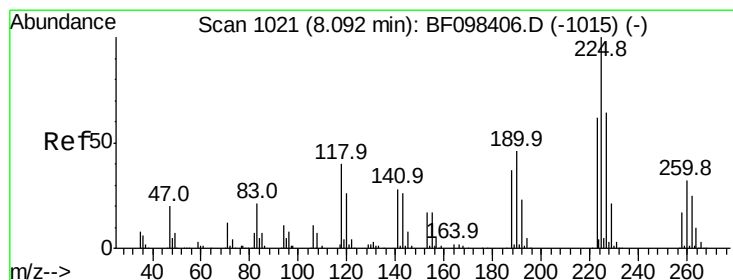
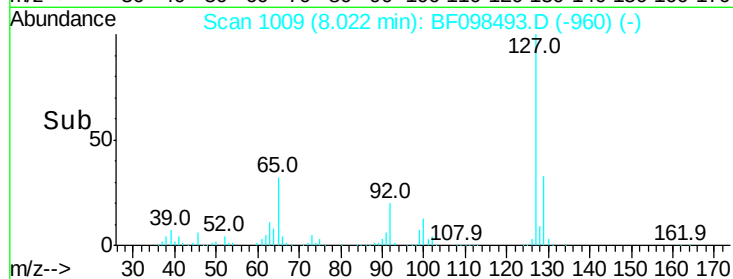
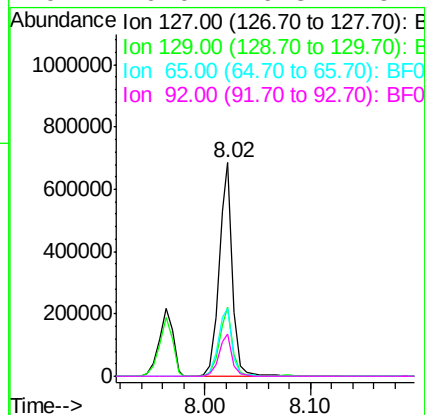
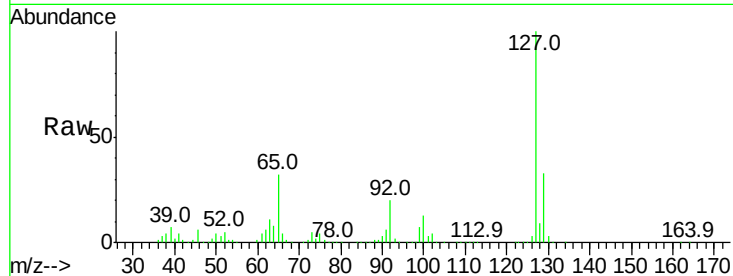
#33
 4-Chloroaniline
 Concen: 41.900 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	32.0	27.8	41.8	
92	20.0	16.8	25.2	

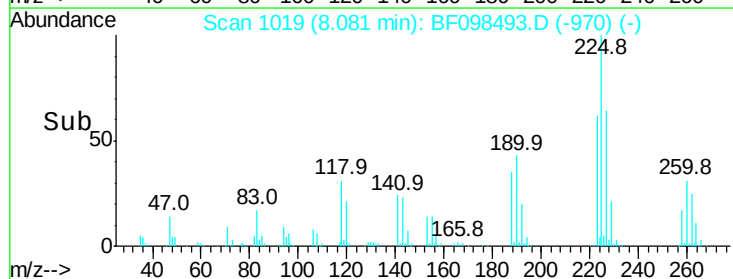
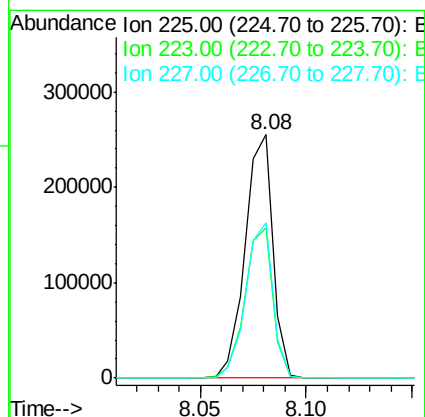
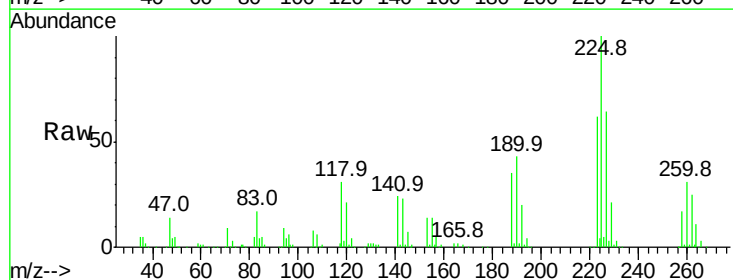
Manual Integrations
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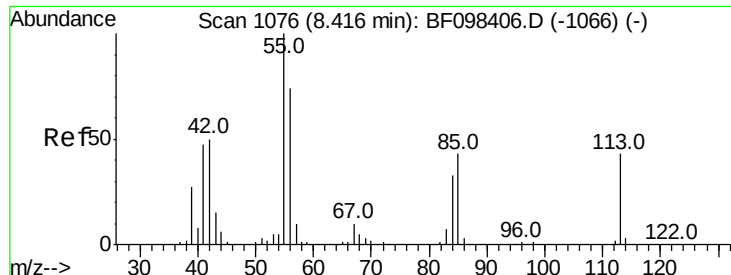
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#34
 Hexachlorobutadiene
 Concen: 43.945 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	48.8	73.2	
227	63.9	51.1	76.7	





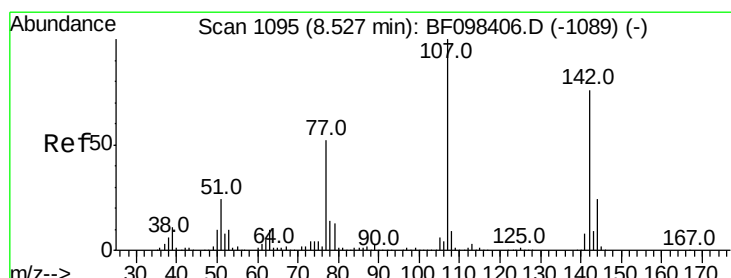
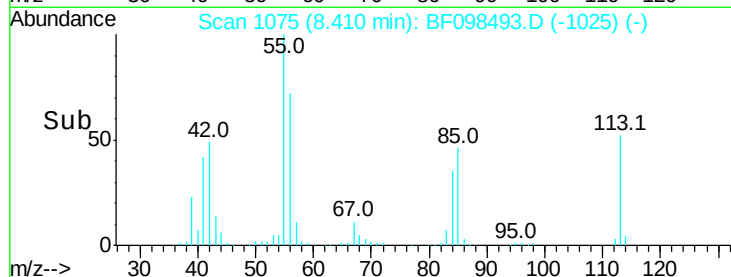
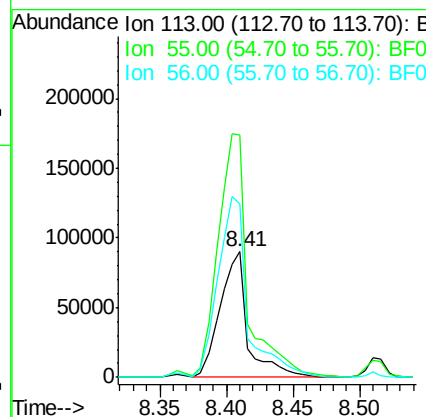
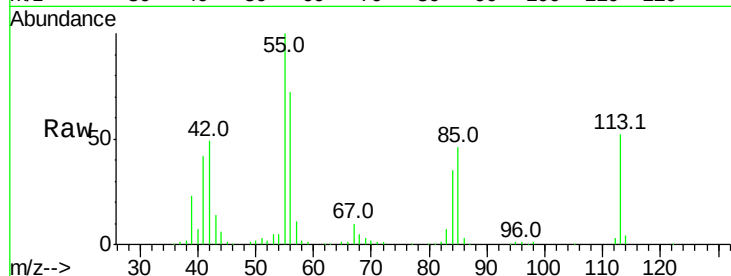
#35
 Caprolactam
 Concen: 40.348 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.3	150.2	190.2#
56	138.7	107.8	147.8

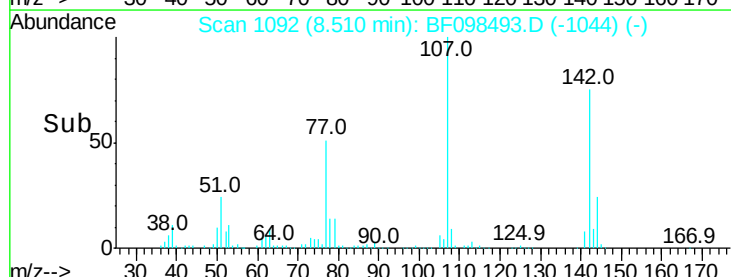
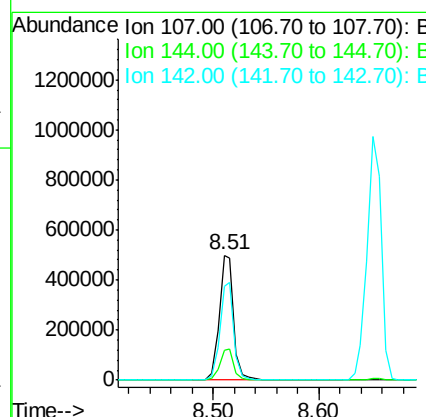
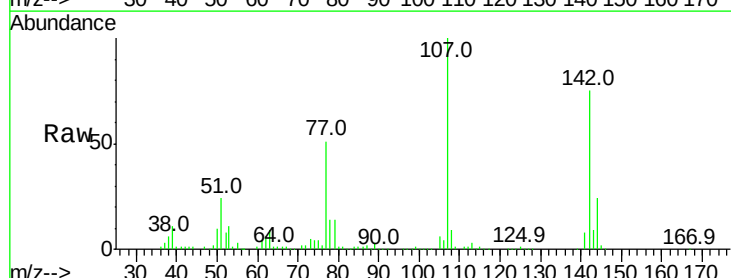
Manual Integrations
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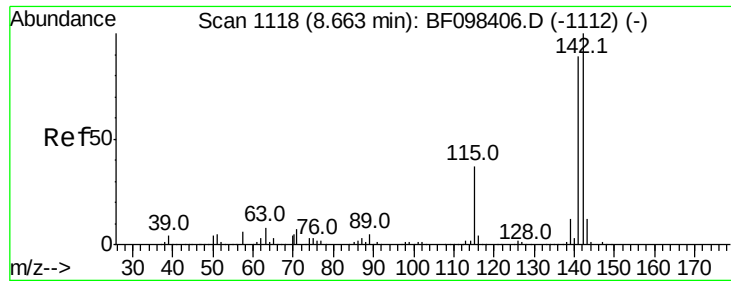
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#36
 4-Chloro-3-methylphenol
 Concen: 41.184 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	24.2	36.4#
142	75.4	73.4	110.0





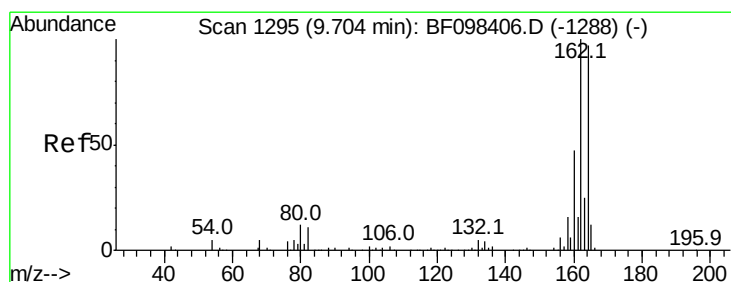
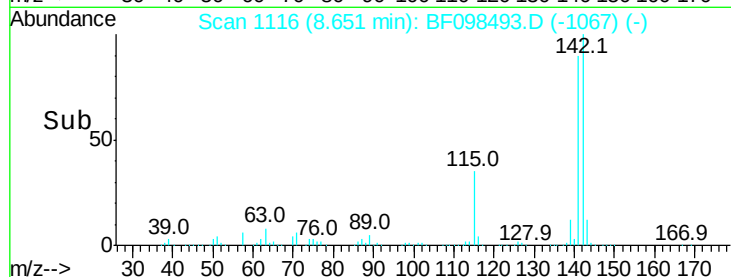
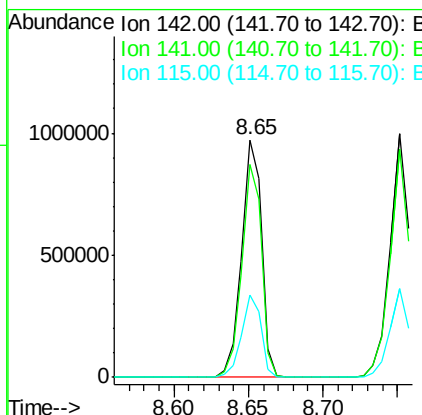
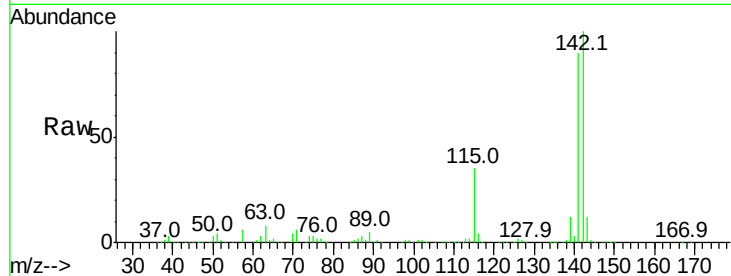
#37
2-Methylnaphthalene
Concen: 41.804 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	34.6	27.1	40.7

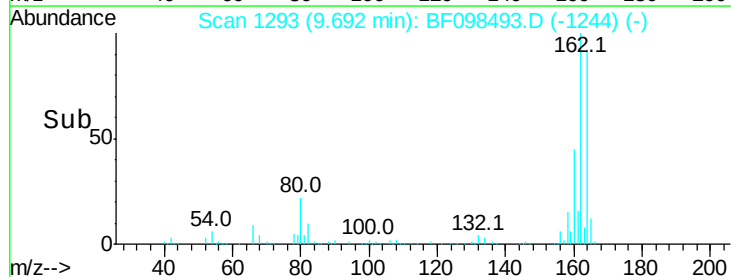
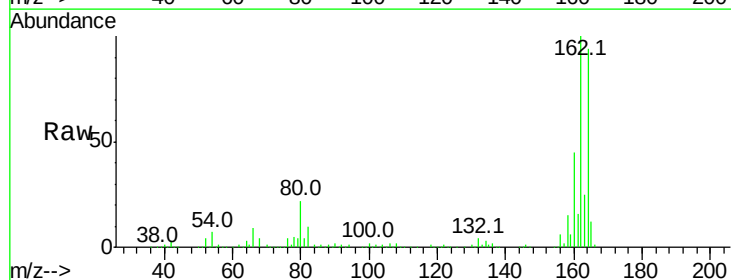
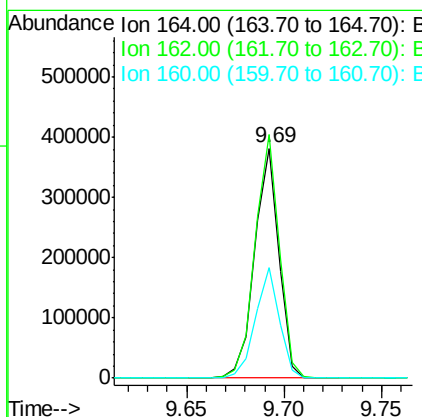
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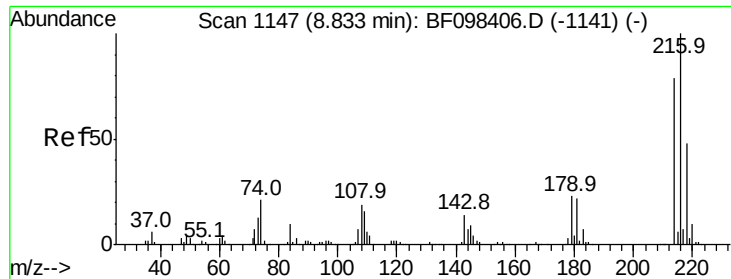
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	47.9	36.2	54.2





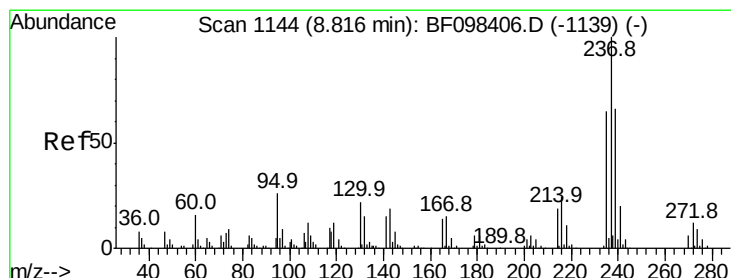
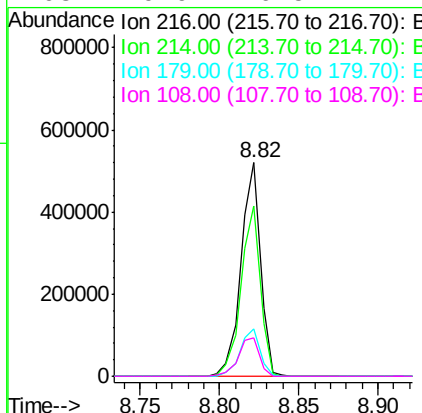
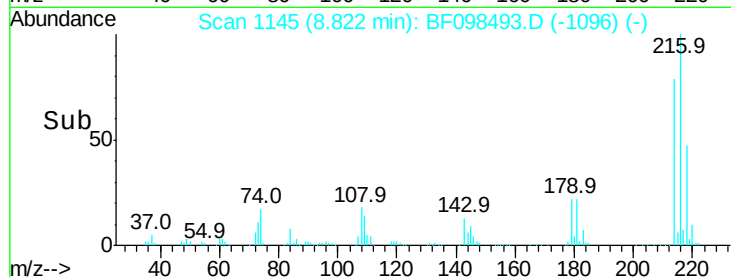
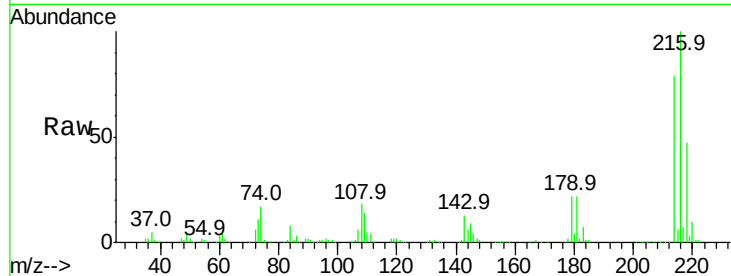
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.310 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	441840		
214	79.6	63.4	95.2	
179	22.7	17.9	26.9	
108	19.9	16.5	24.7	

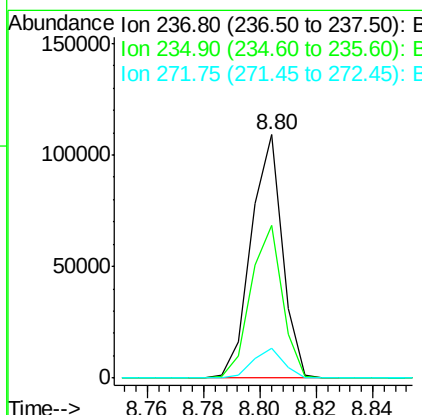
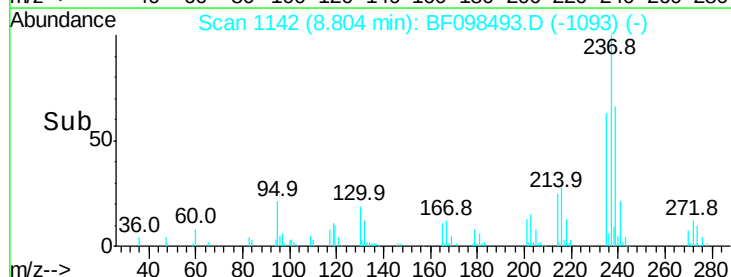
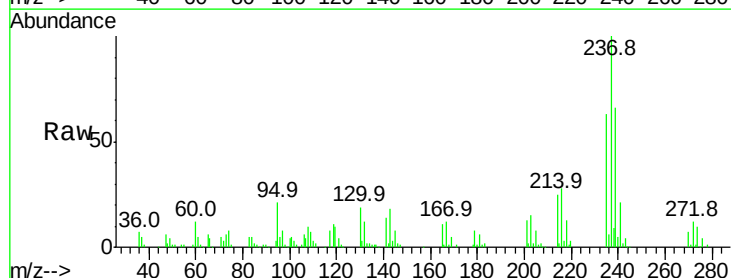
Manual Integrations
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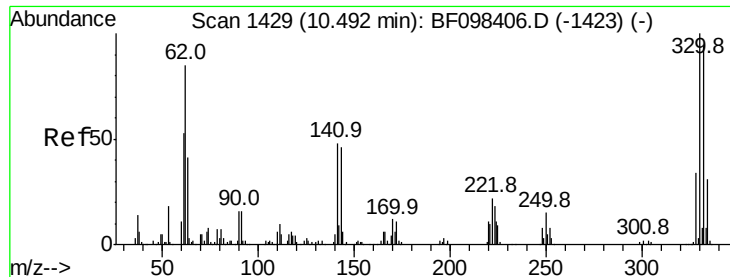
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#40
 Hexachlorocyclopentadiene
 Concen: 34.456 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	83877		
235	62.6	42.6	82.6	
272	12.3	0.0	31.9	





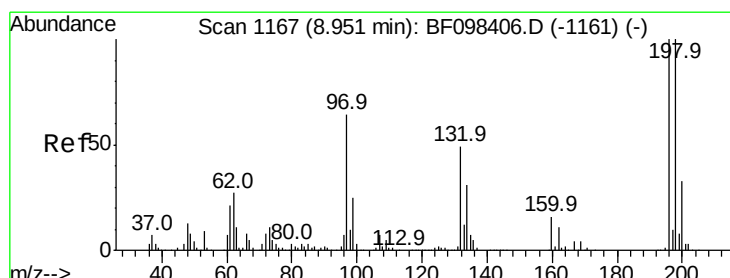
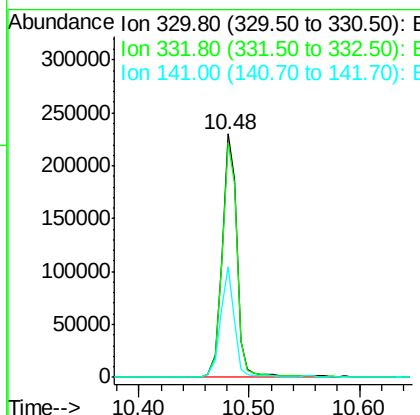
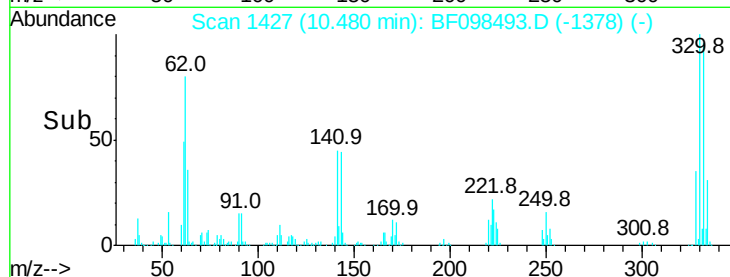
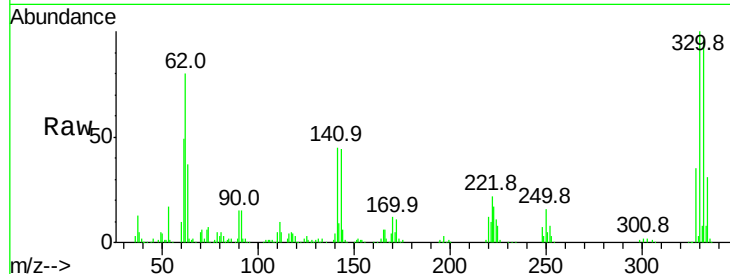
#41
 2,4,6-Tribromophenol
 Concen: 99.231 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216906		
332	97.9	76.6	115.0	
141	42.5	31.4	47.2	

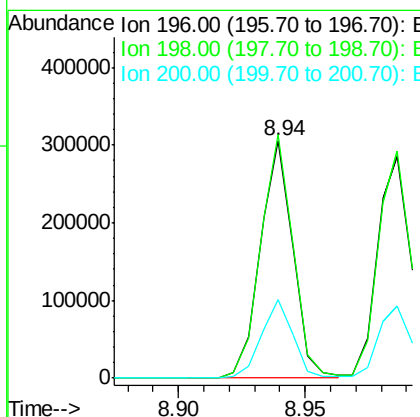
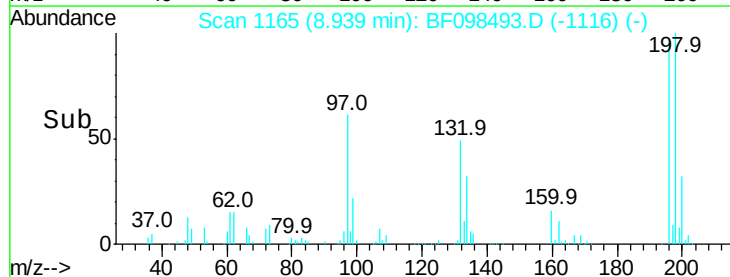
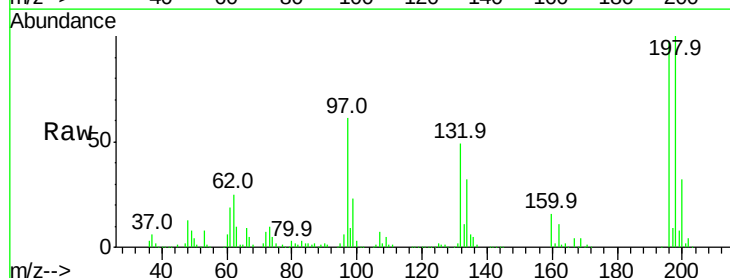
Manual Integrations
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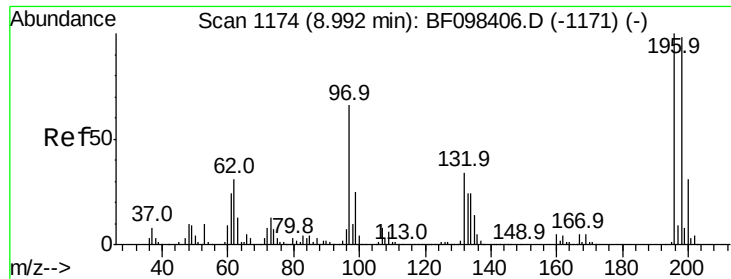
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#42
 2,4,6-Trichlorophenol
 Concen: 45.779 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274322		
198	102.6	74.2	111.4	
200	33.2	24.0	36.0	





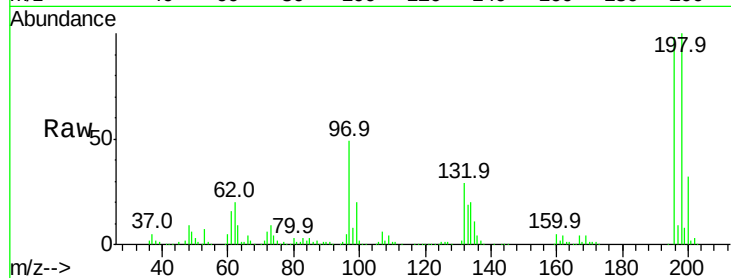
#43
 2,4,5-Trichlorophenol
 Concen: 45.293 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

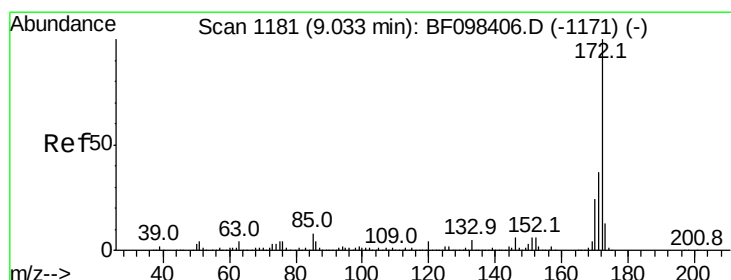
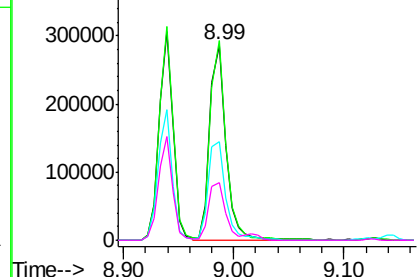
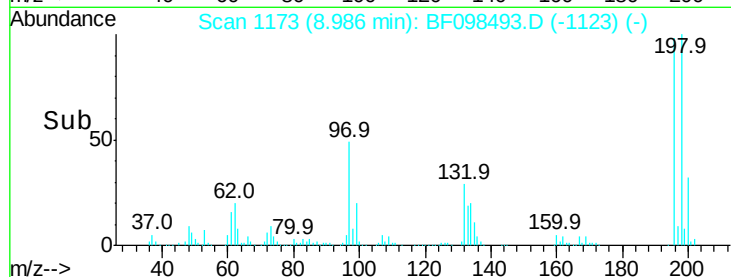
Tot Ion	196	Resp	283682
Ion Ratio	Lower	Upper	
196	100		
198	102.4	75.7	113.5
97	50.3	47.7	71.5
132	29.8	28.0	42.0

Manual Integrations
 APPROVED

Sohil
 9/14/2017 5:52:29 PM

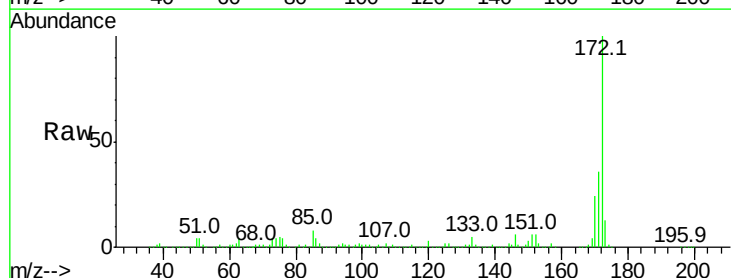


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

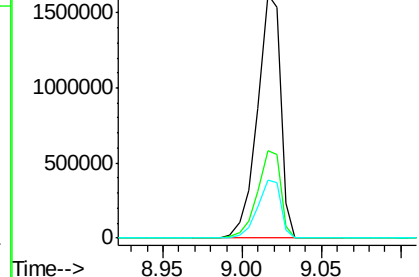
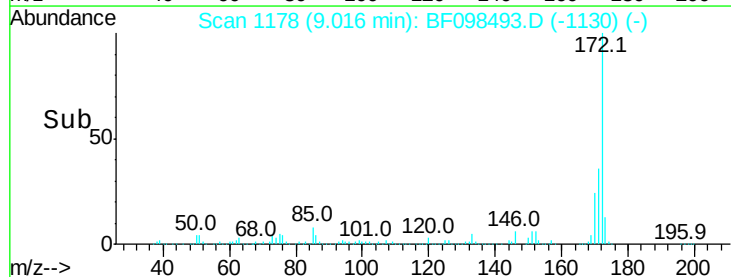


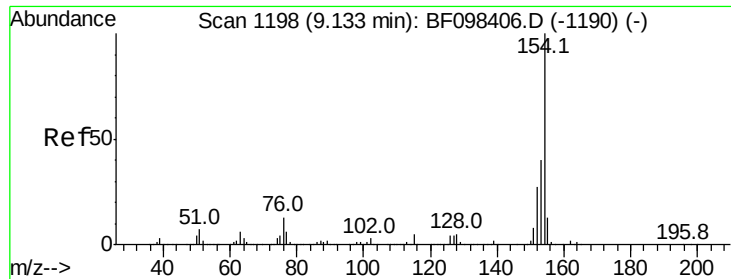
#44
 2-Fluorobiphenyl
 Concen: 85.870 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	172	Resp	1659273
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.804 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1225454

Ion Ratio Lower Upper

154 100

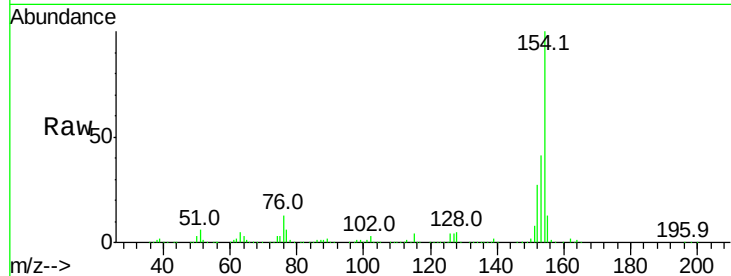
153 40.7 21.2 61.2

76 12.5 0.0 29.9

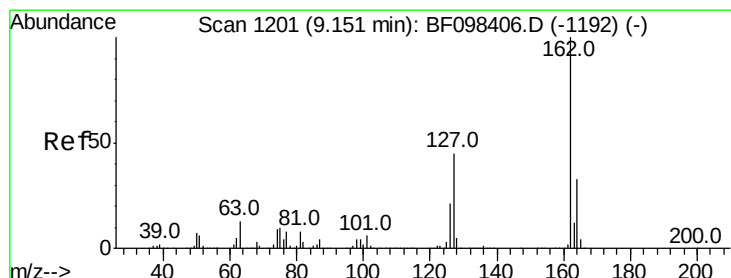
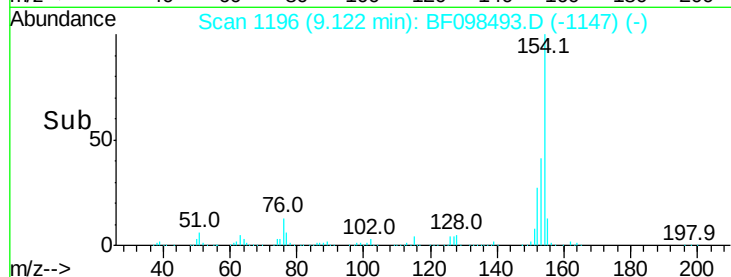
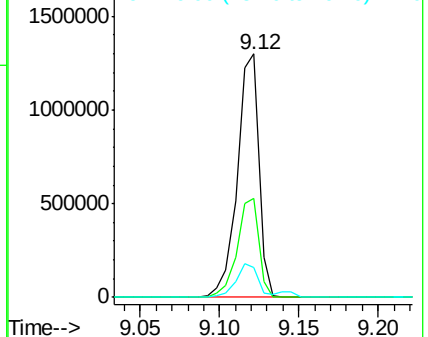
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9/14/2017 5:52:29 PM



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): BF0



#46

2-Chloronaphthalene

Concen: 41.876 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

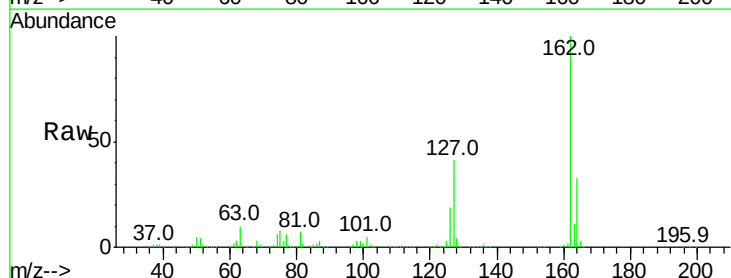
Tgt Ion:162 Resp: 876691

Ion Ratio Lower Upper

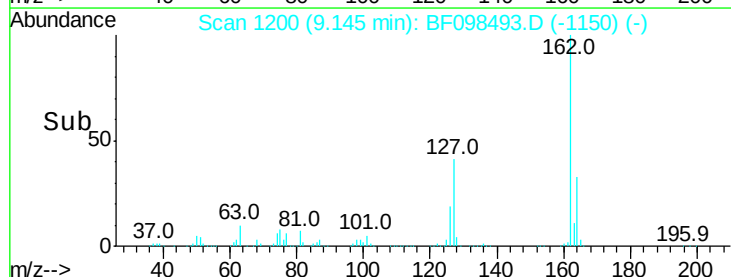
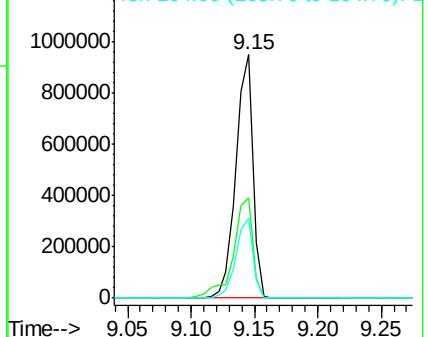
162 100

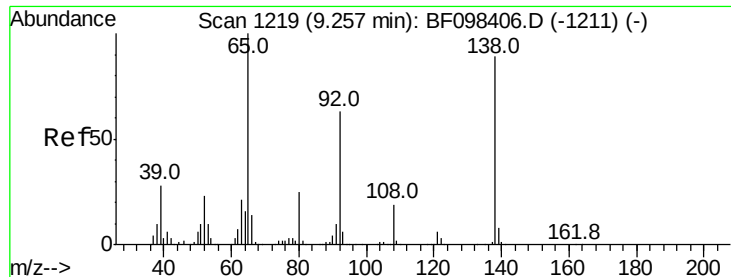
127 41.1 28.3 42.5

164 32.9 27.0 40.4



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





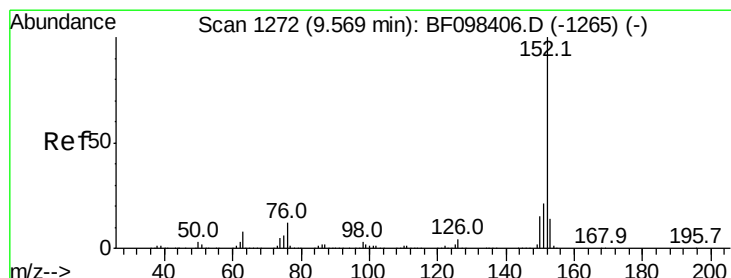
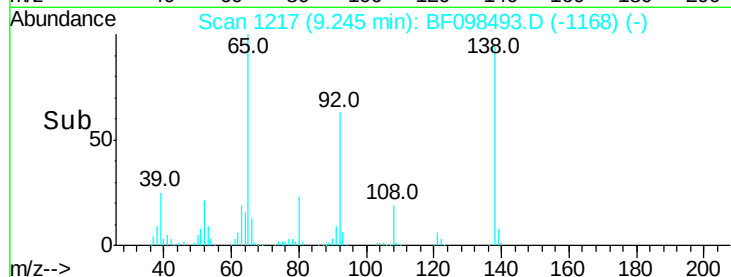
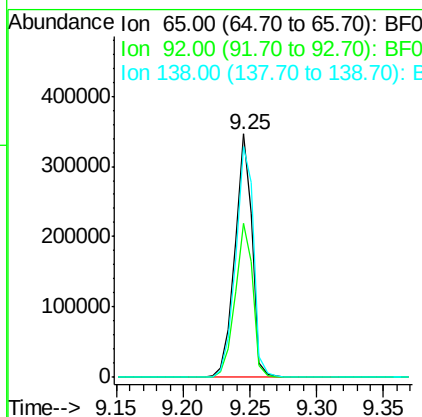
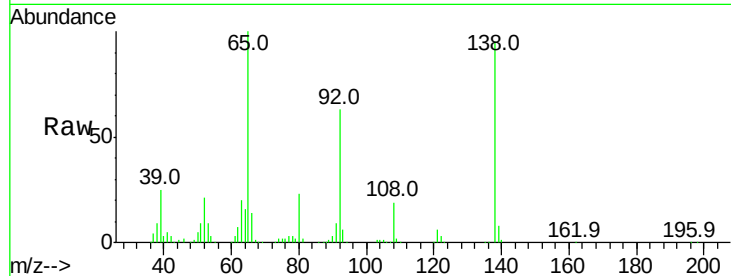
#47
2-Nitroaniline
Concen: 39.059 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.0	53.9	80.9	
138	94.9	78.8	118.2	

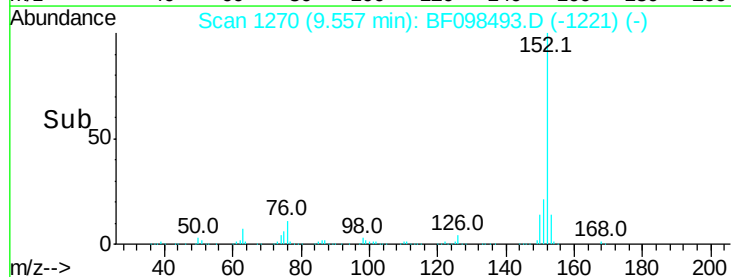
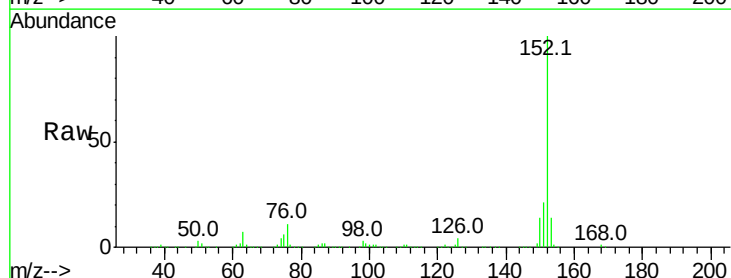
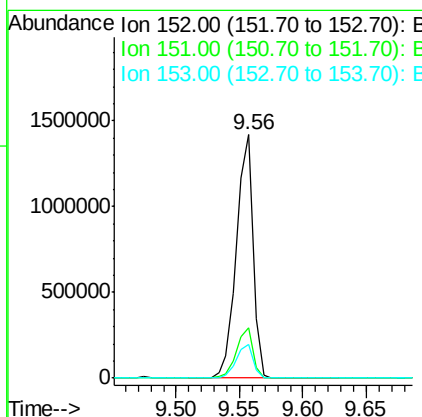
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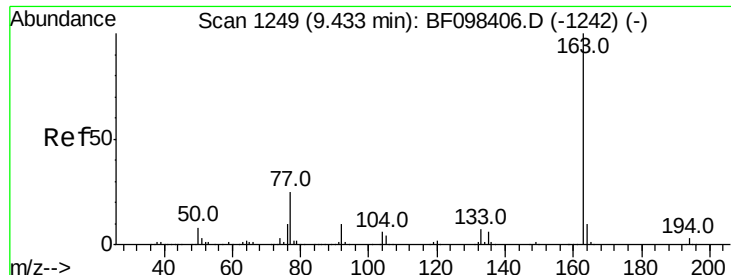
Sohil
9/14/2017 5:52:29 PM



#48
Acenaphthylene
Concen: 41.073 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.8	16.8	25.2	
153	14.0	10.8	16.2	





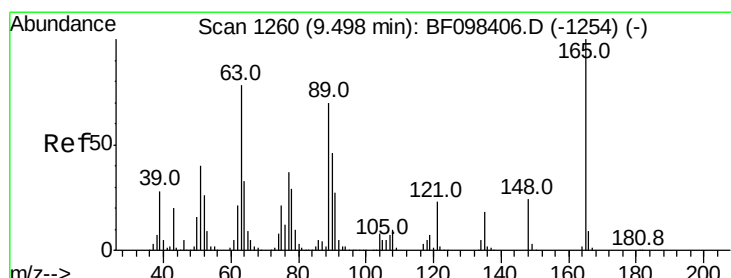
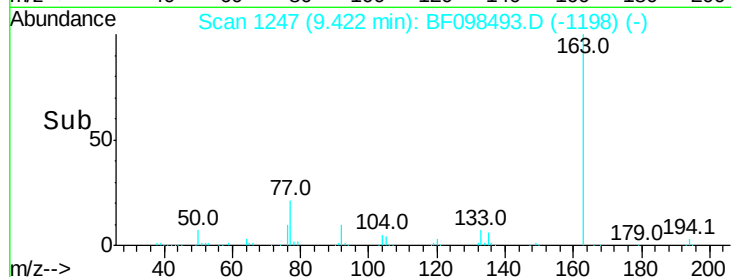
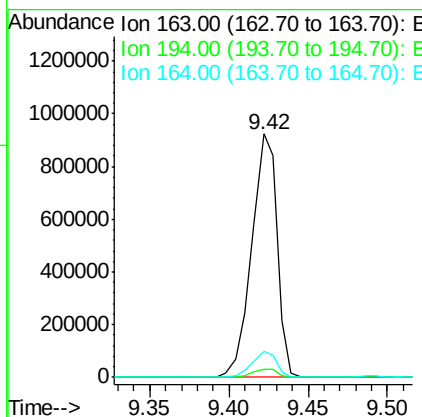
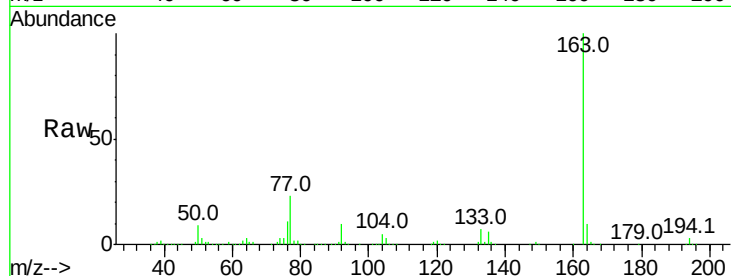
#49
Dimethylphthalate
Concen: 40.511 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.5	8.4	12.6

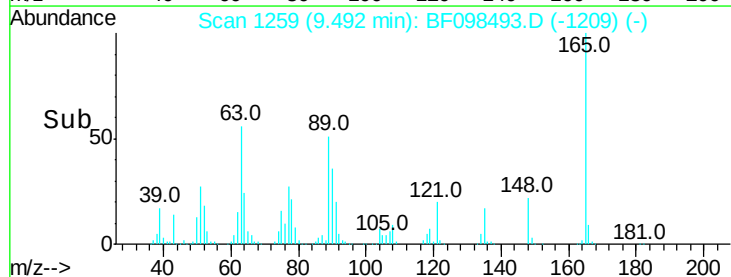
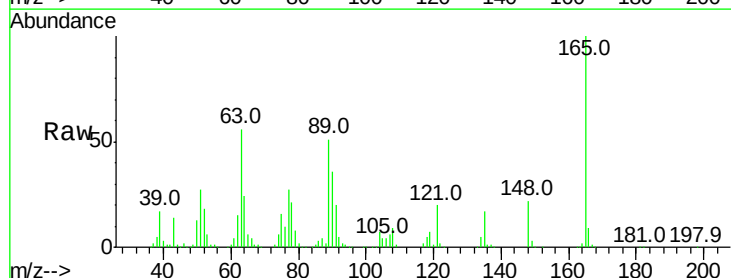
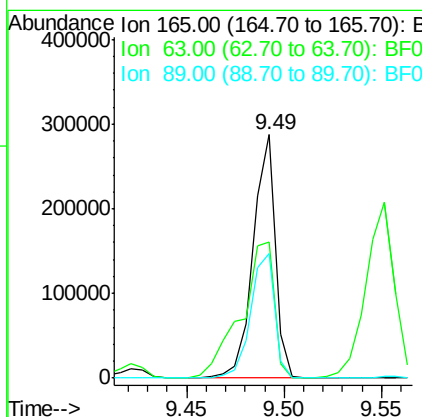
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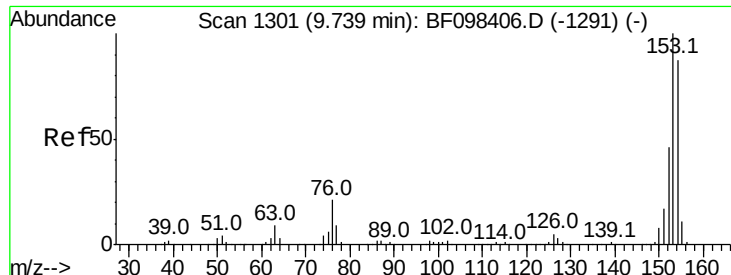
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9/14/2017 5:52:29 PM



#50
2,6-Dinitrotoluene
Concen: 43.455 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.7	34.3	51.5#
89	51.4	37.1	55.7





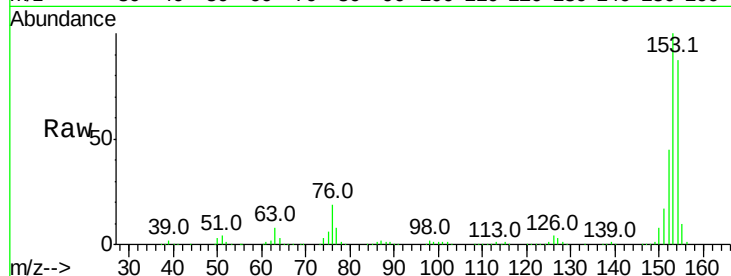
#51
Acenaphthene
Concen: 41.183 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

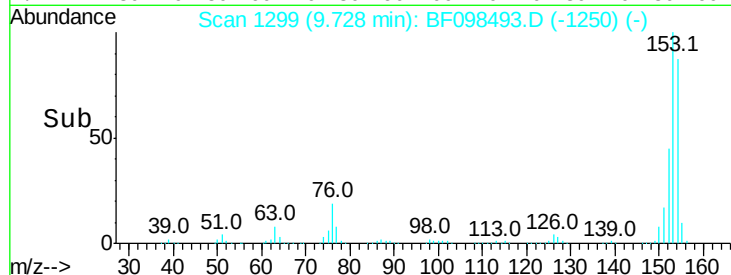
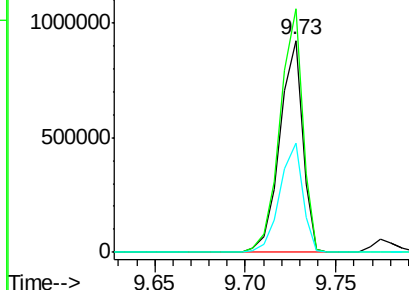
Tot Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.5	135.7
152	51.8	43.6	65.4

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9/14/2017 5:52:29 PM



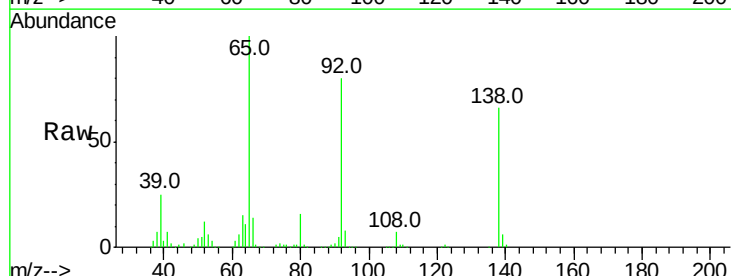
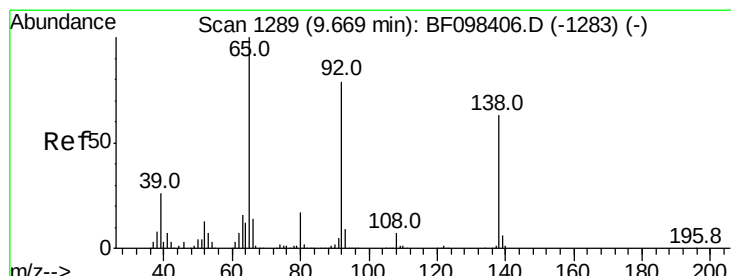
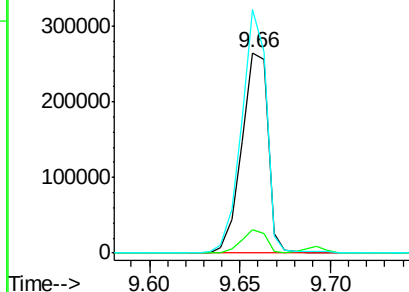
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

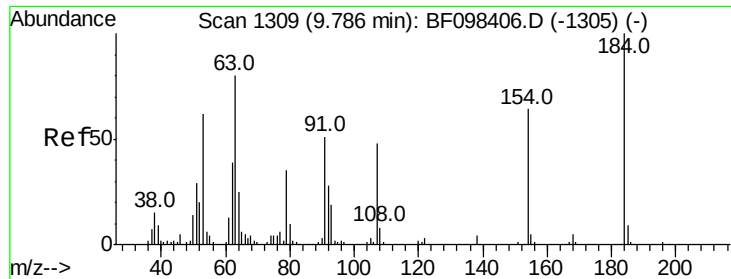


#52
3-Nitroaniline
Concen: 42.382 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	121.5	93.8	140.6

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): BF0





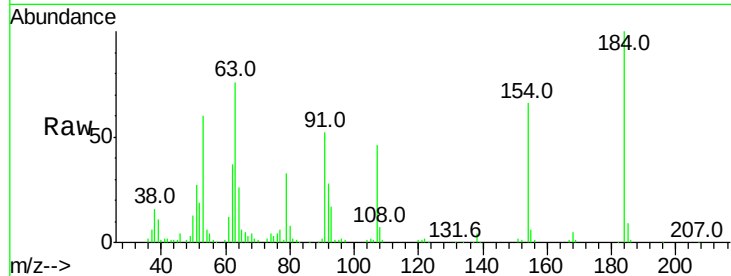
#53
2,4-Dinitrophenol
Concen: 42.881 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.4	62.7	94.1
154	65.6	81.1	121.7#

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9/14/2017 5:52:29 PM

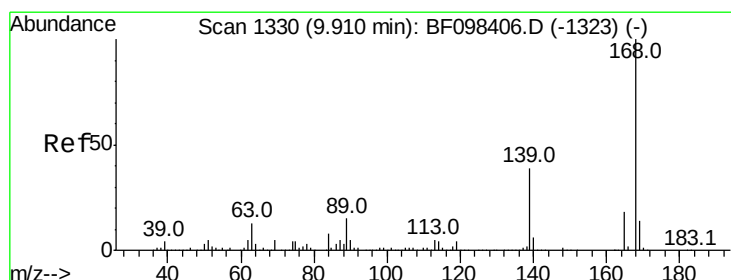
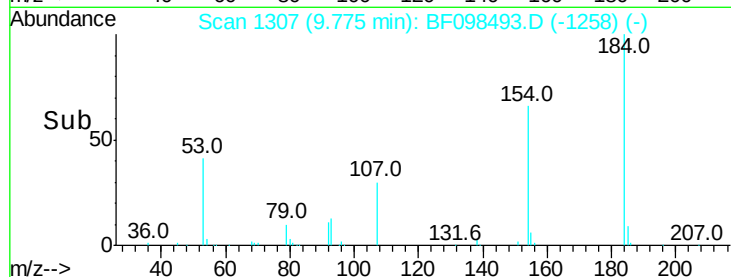
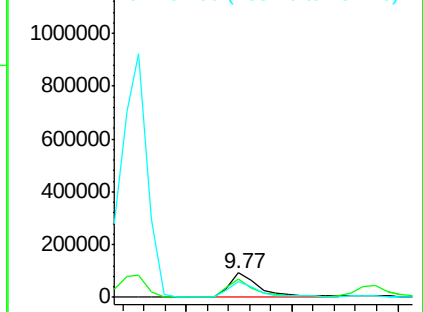


Abundance

Ion 184.00 (183.70 to 184.70): E

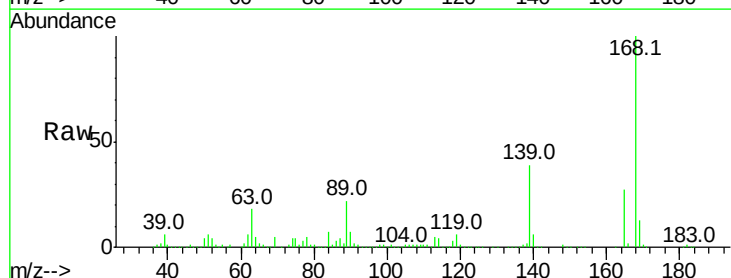
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 40.097 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.6	45.8
169	13.5	10.8	16.2

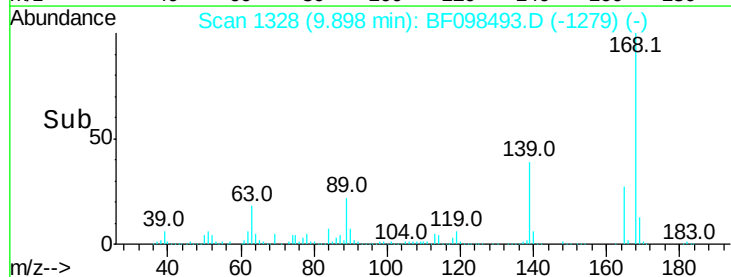
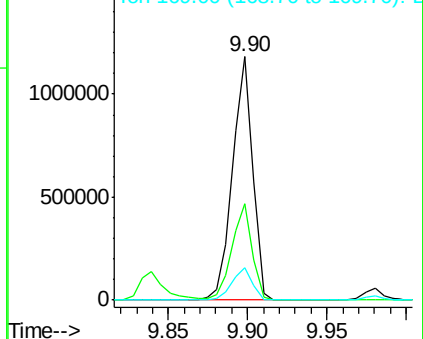


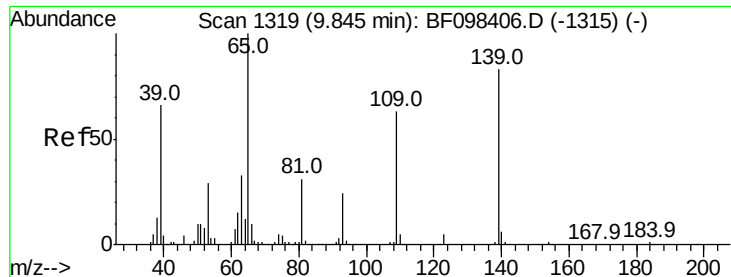
Abundance

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





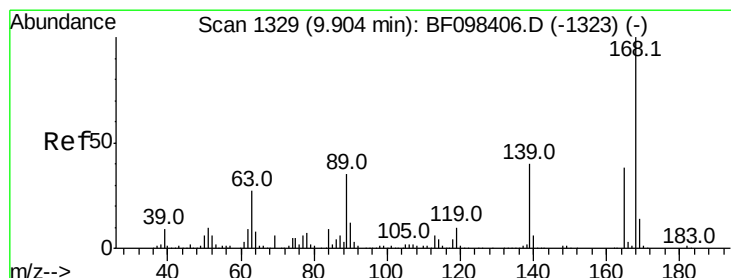
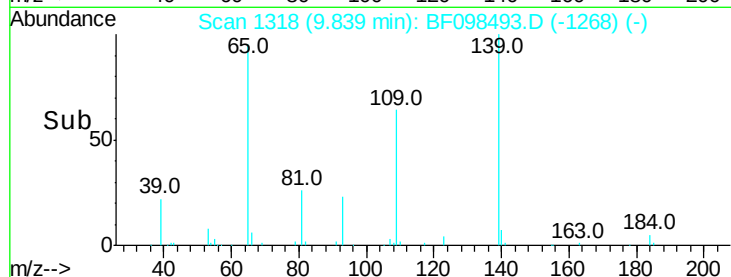
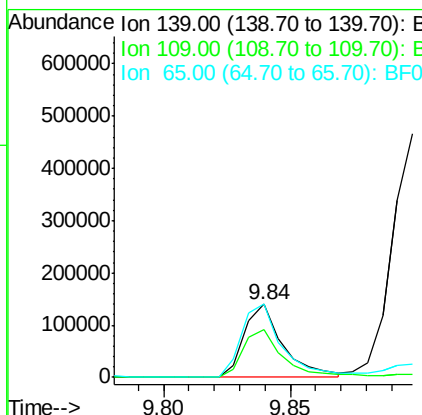
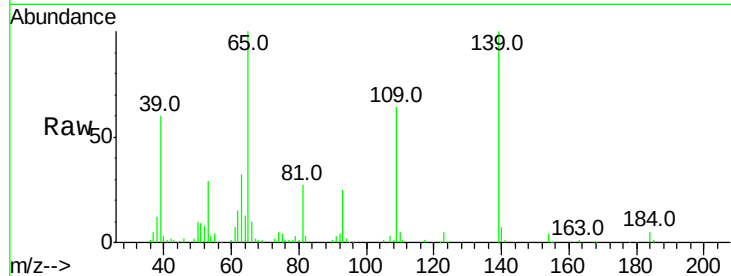
#55
4-Nitrophenol
Concen: 41.353 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.4	34.1	74.1	
65	99.9	31.4	71.4	

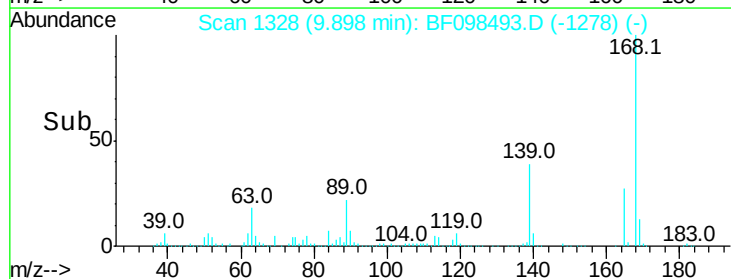
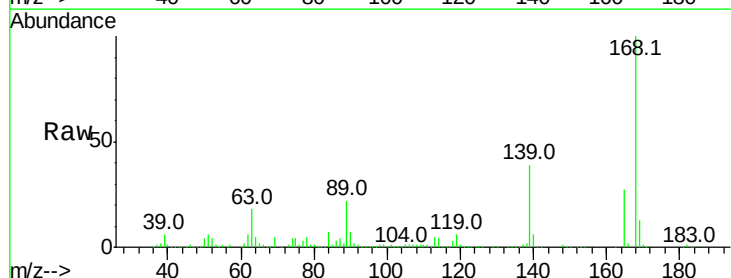
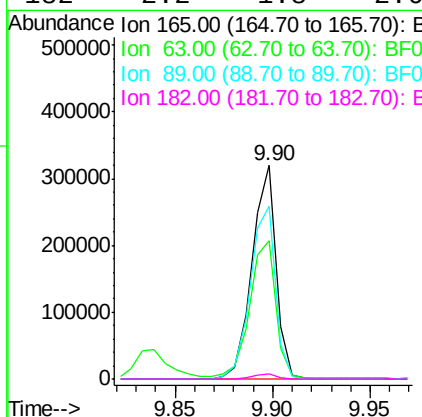
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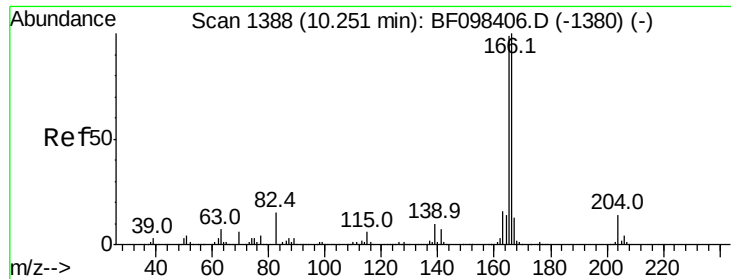
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#56
2,4-Dinitrotoluene
Concen: 43.126 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.7	25.4	38.0	
89	81.0	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.581 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

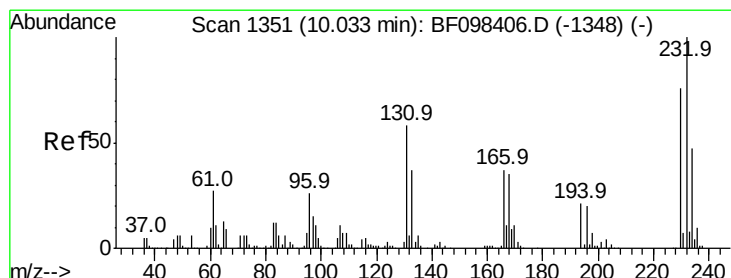
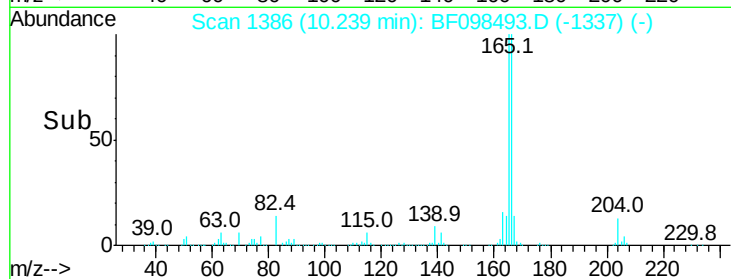
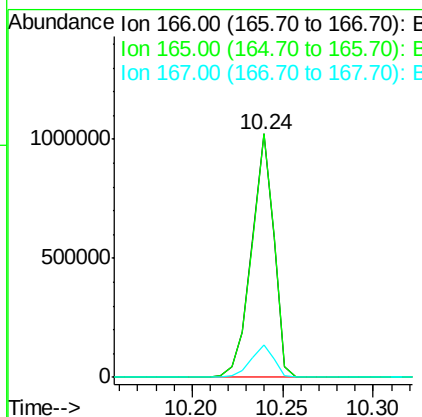
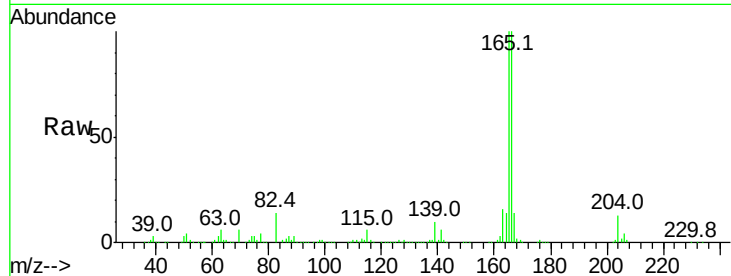
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	875572
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.8	118.2
167	13.6	10.6	16.0

Manual Integrations
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9/14/2017 5:52:29 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.767 ng

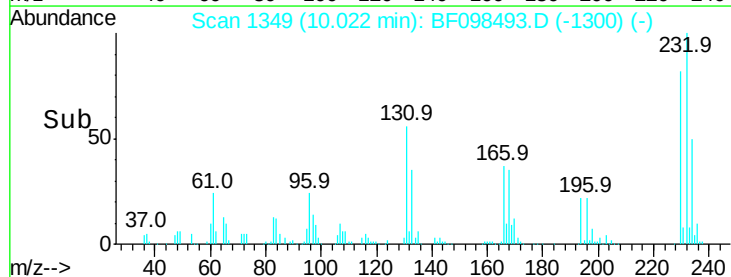
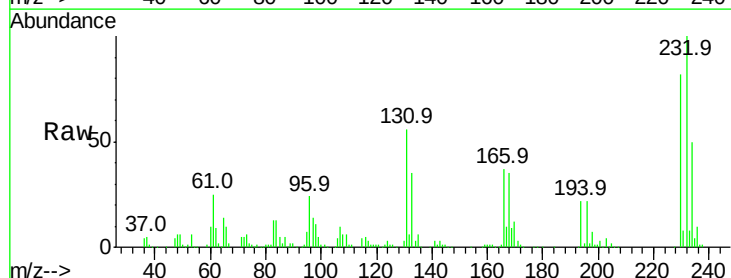
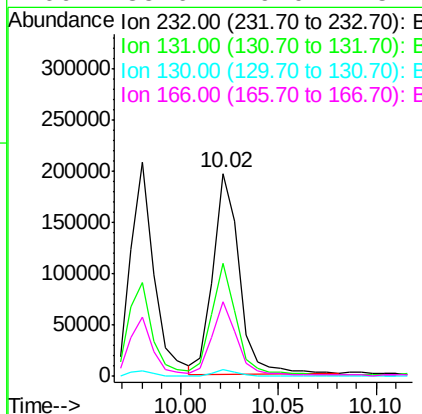
RT: 10.02 min Scan# 1349

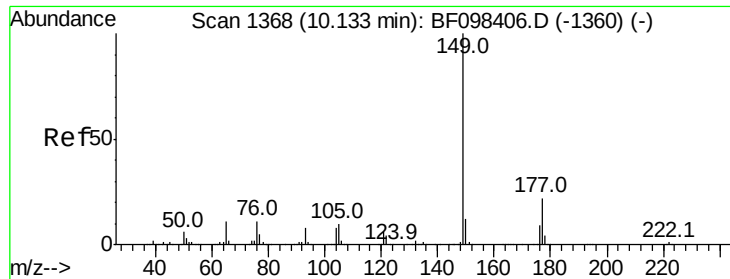
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	232	Resp:	184226
Ion Ratio	Lower	Upper	
232	100		
131	53.3	44.8	67.2
130	2.9	2.3	3.5
166	35.6	29.0	43.4





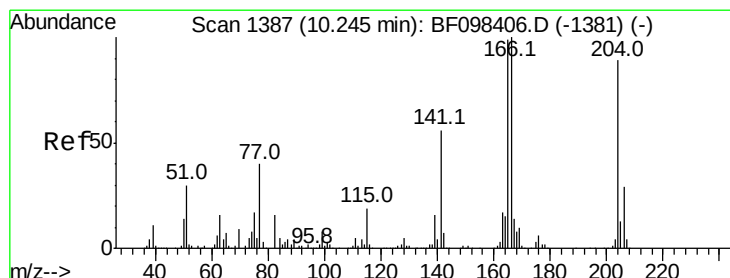
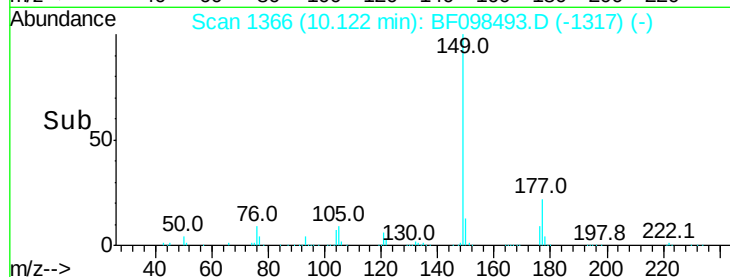
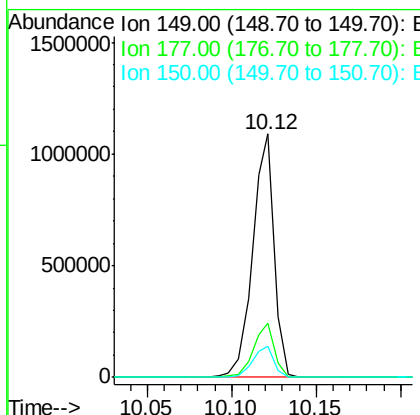
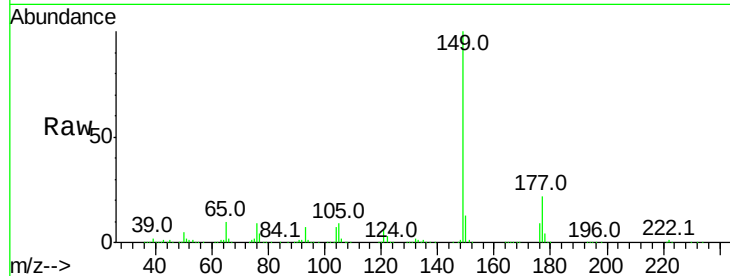
#59
Diethylphthalate
Concen: 40.080 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.7	25.1
150	12.6	10.2	15.2

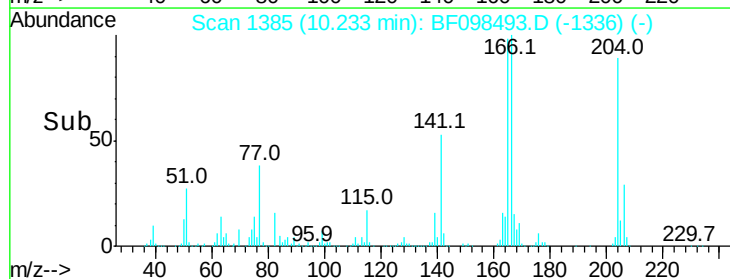
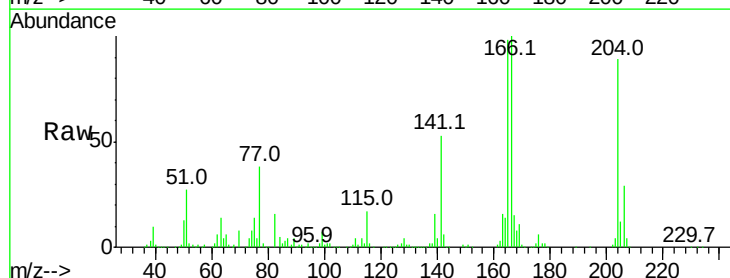
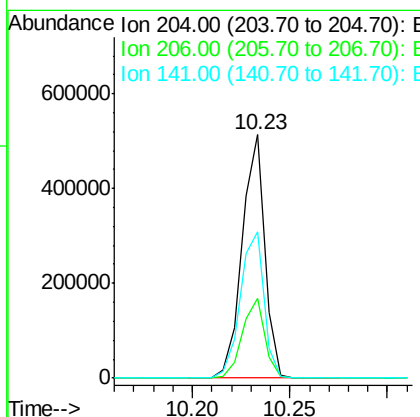
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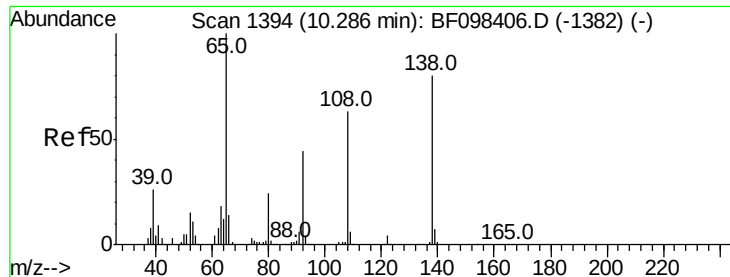
Sohil
9/14/2017 5:52:29 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.386 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	59.9	60.8	91.2#





#61

4-Nitroaniline

Concen: 40.775 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

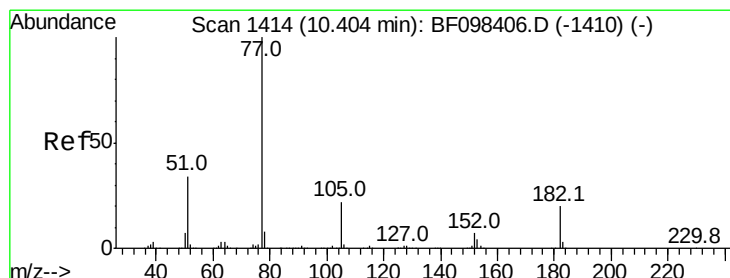
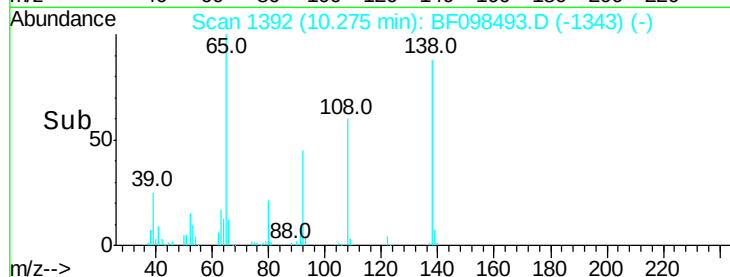
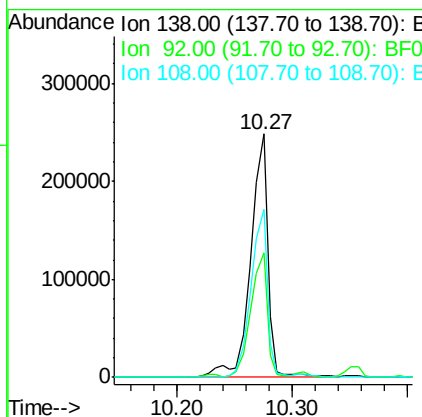
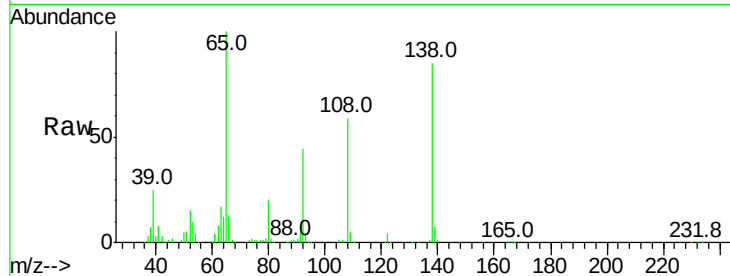
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	258860
Ion Ratio	Lower	Upper	
138	100		
92	51.3	21.8	61.8
108	69.1	42.3	82.3

Manual Integrations
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#62

Azobenzene

Concen: 36.345 ng

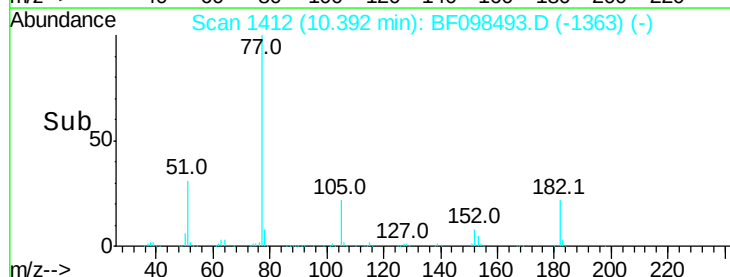
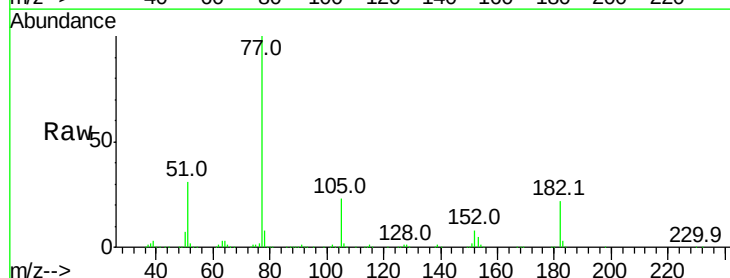
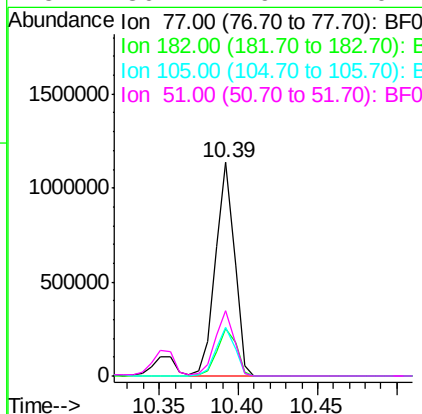
RT: 10.39 min Scan# 1412

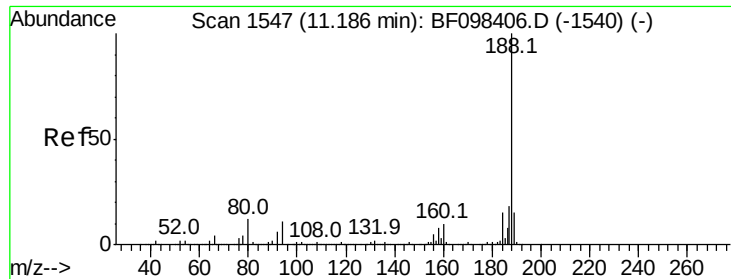
Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Tgt Ion:	77	Resp:	944469
Ion Ratio	Lower	Upper	
77	100		
182	22.2	0.1	40.1
105	22.7	3.6	43.6
51	30.7	9.4	49.4





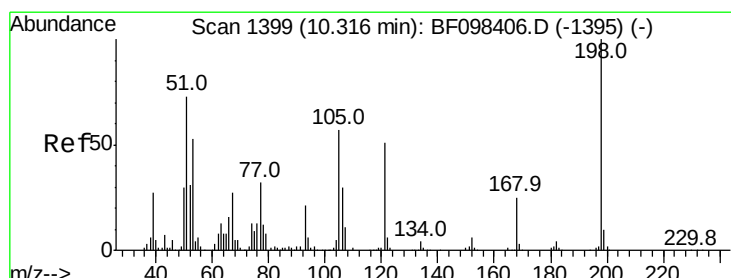
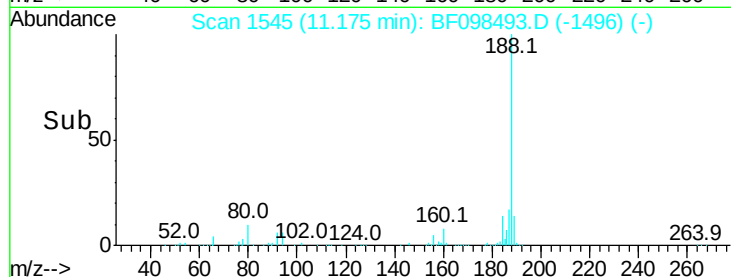
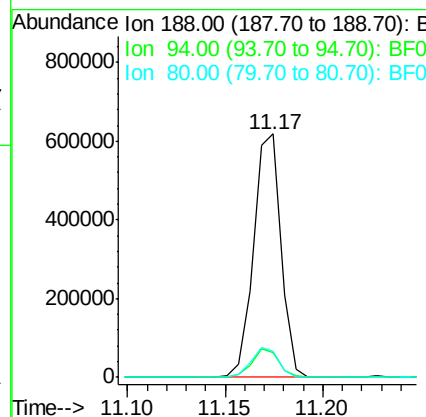
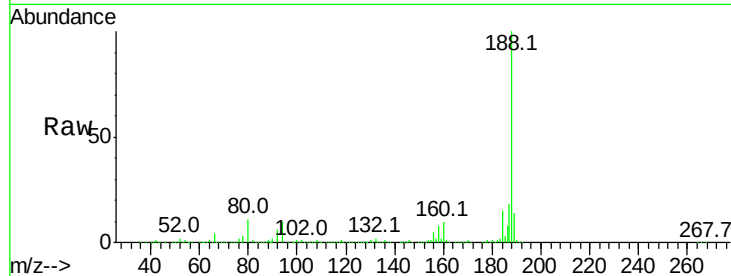
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	599866		
94	10.0		9.4	14.2
80	10.9		10.2	15.2

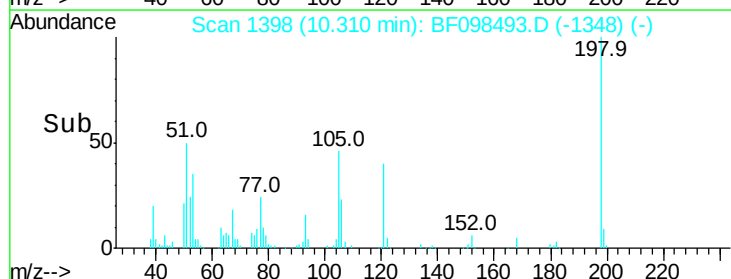
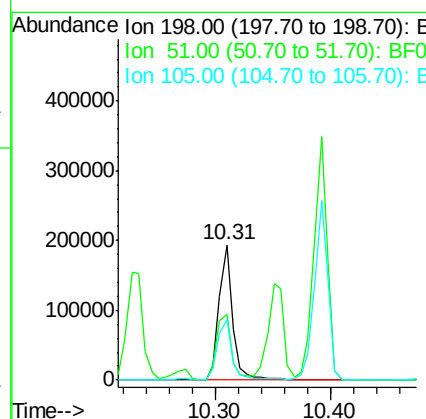
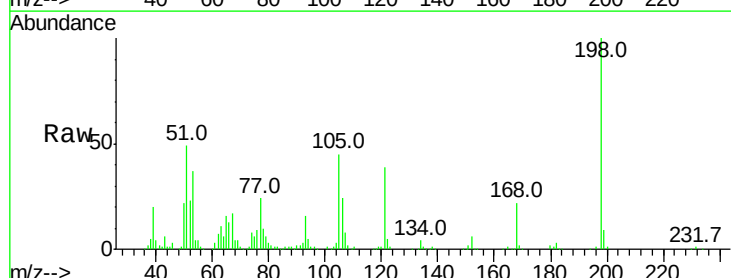
Manual Integrations
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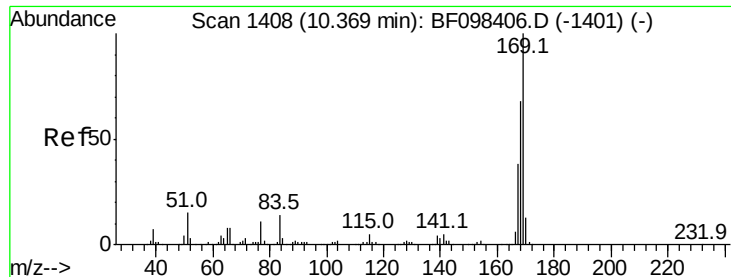
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.325 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	161525		
51	48.8		53.2	93.2#
105	45.1		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 41.107 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 800671

Ion Ratio Lower Upper

169 100

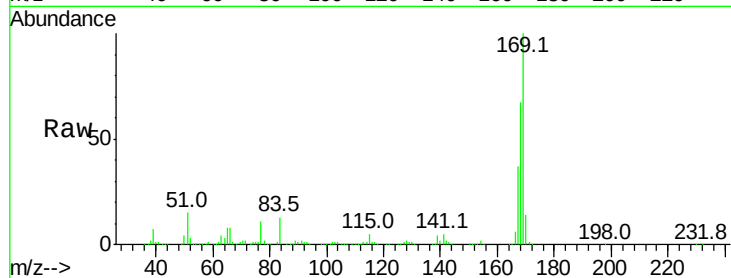
168 67.2 53.2 79.8

167 36.9 29.5 44.3

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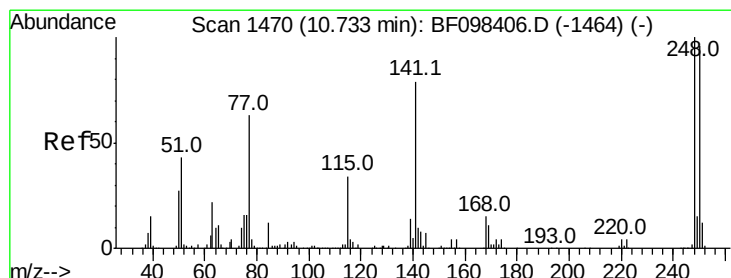
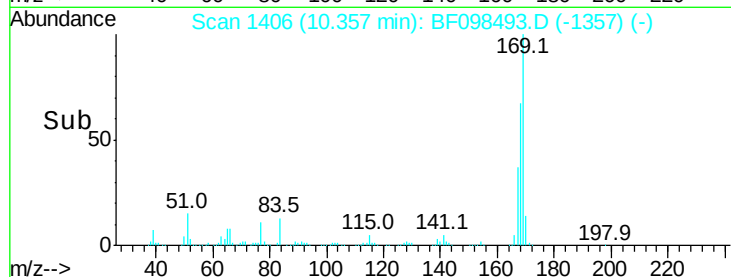
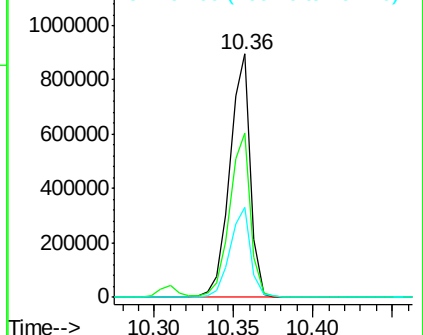
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.792 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

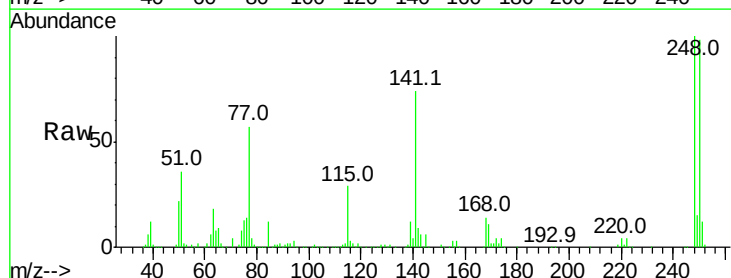
Tgt Ion:248 Resp: 249319

Ion Ratio Lower Upper

248 100

250 97.6 76.8 115.2

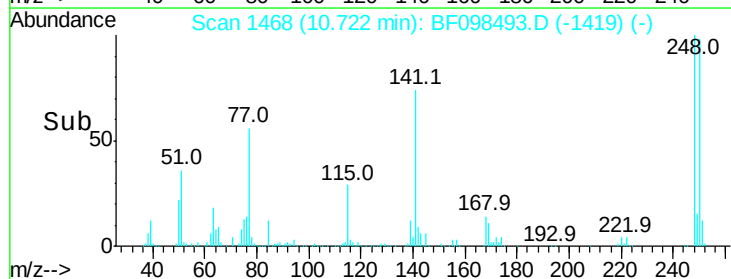
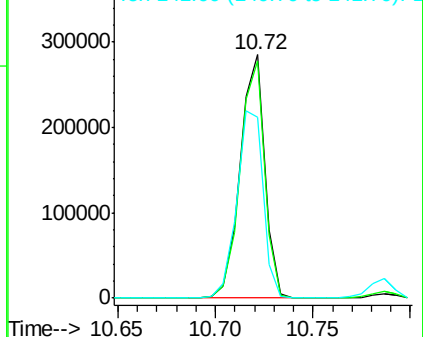
141 74.5 68.6 103.0

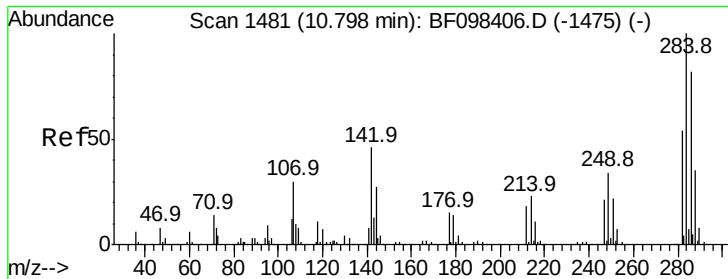


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.655 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

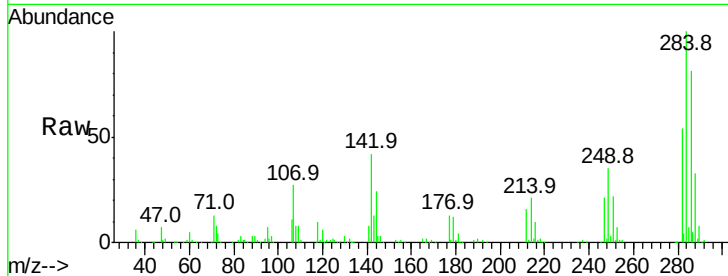
SSTDCCC040

Tot Ion:	284	Resp:	257877
Ion Ratio		Lower	Upper
284	100		
142	42.1	22.8	34.2#
249	34.5	24.0	36.0

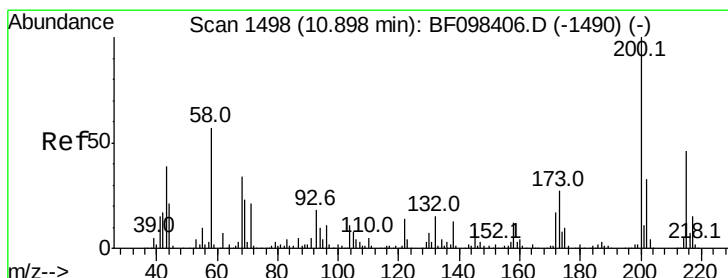
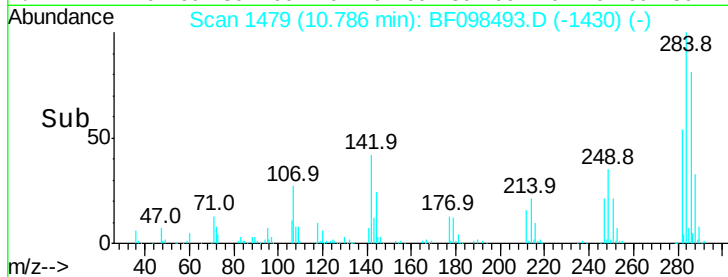
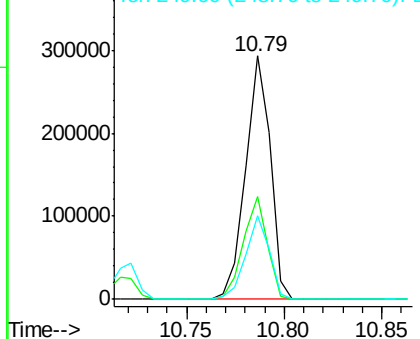
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.850 ng

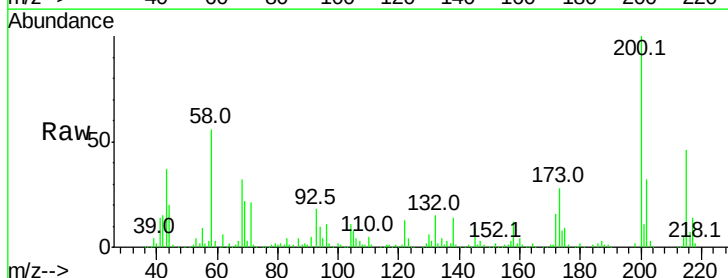
RT: 10.89 min Scan# 1496

Delta R.T. -0.01 min

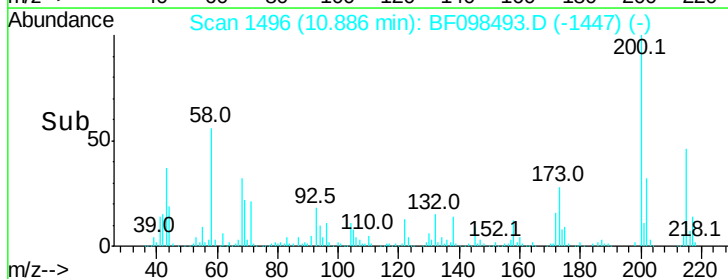
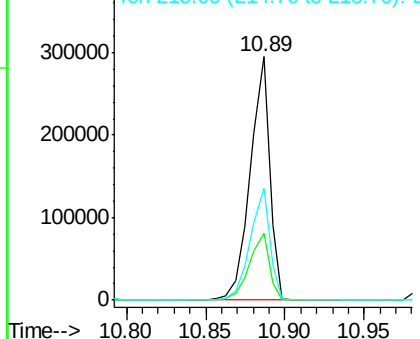
Lab File: BF098493.D

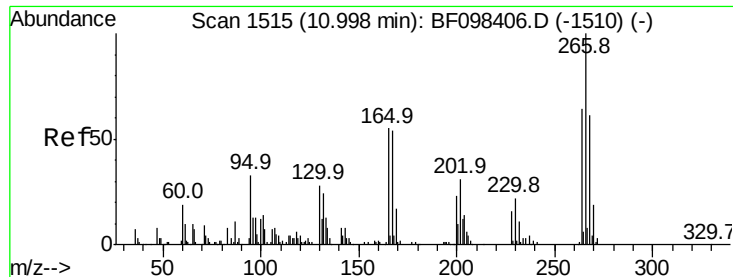
Acq: 13 Sep 2017 16:45

Tgt Ion:	200	Resp:	250953
Ion Ratio		Lower	Upper
200	100		
173	27.6	6.3	46.3
215	46.2	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





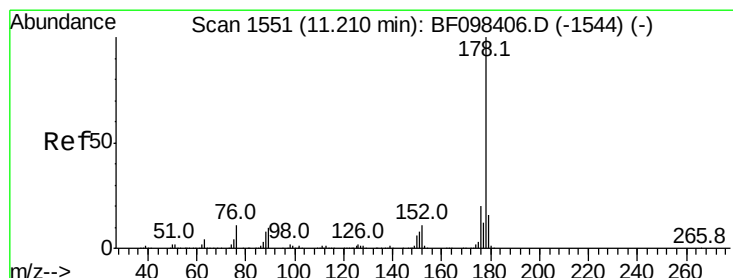
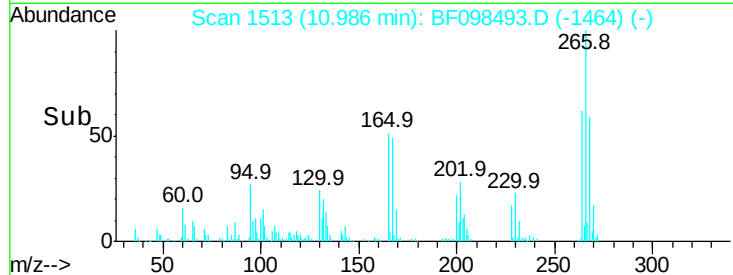
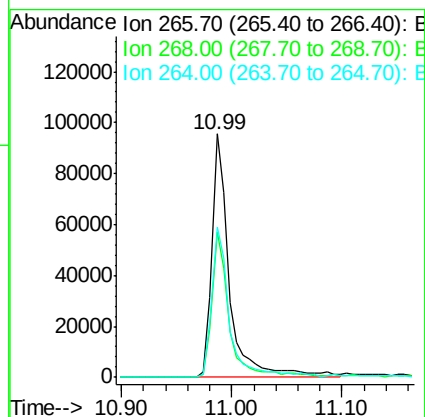
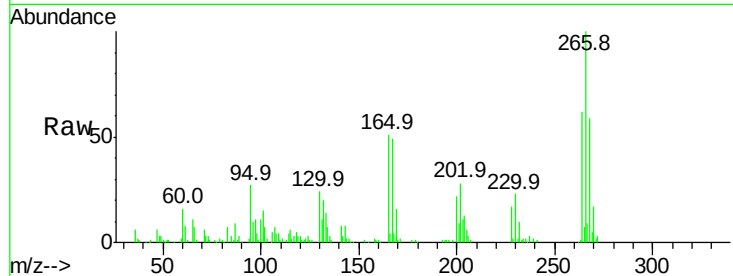
#69
 Pentachlorophenol
 Concen: 44.220 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	266	Resp:	104353
Ion Ratio	Lower	Upper	
266	100		
268	59.4	51.1	76.7
264	61.7	51.7	77.5

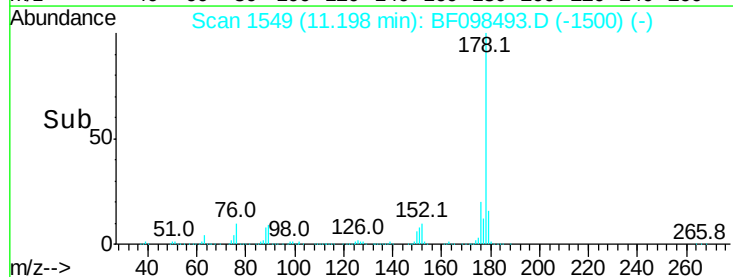
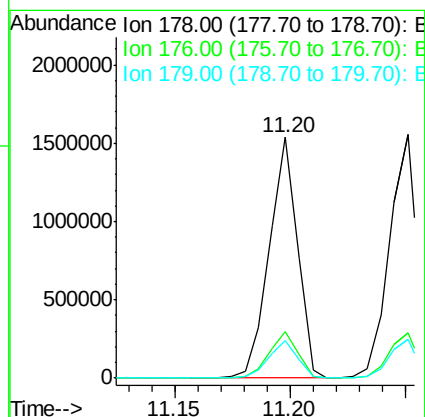
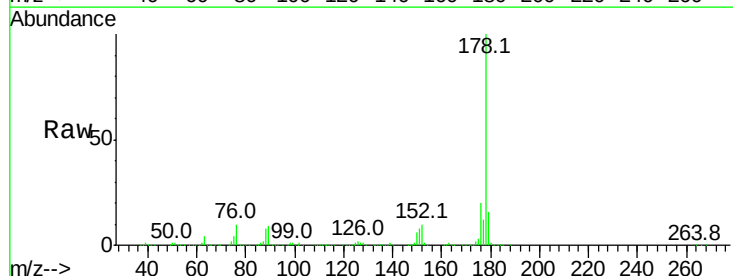
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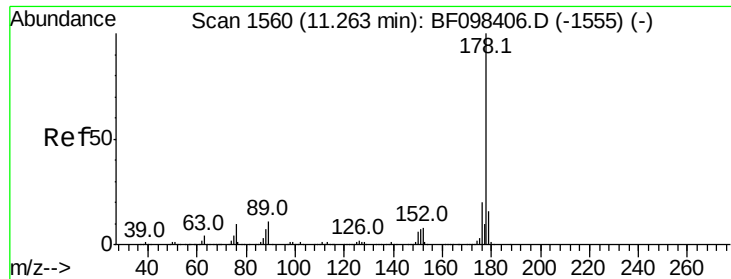
Sohil
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#70
 Phenanthrene
 Concen: 41.121 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion:	178	Resp:	1307682
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0





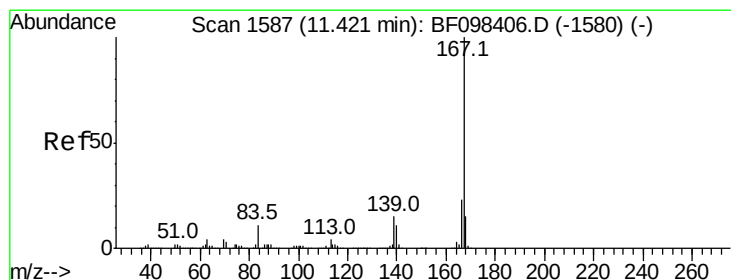
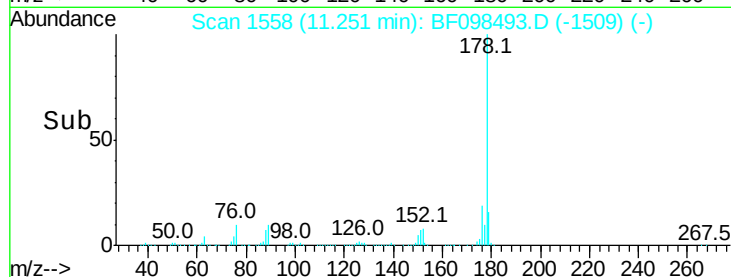
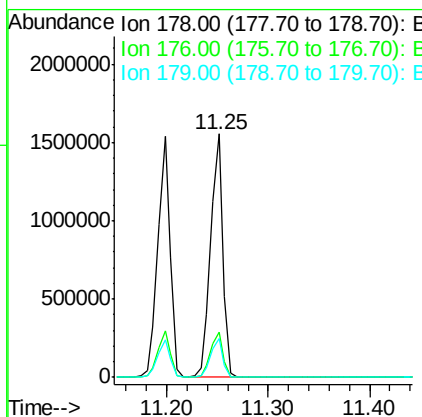
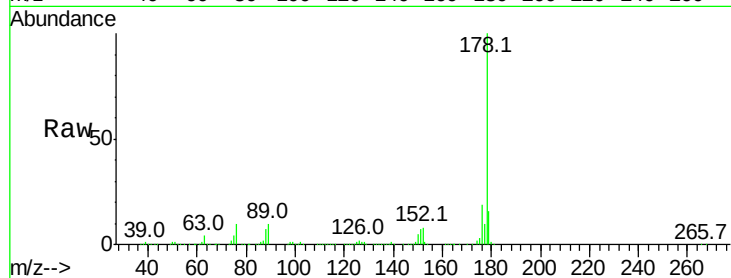
#71
 Anthracene
 Concen: 40.256 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1314333
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.8 12.7 19.1

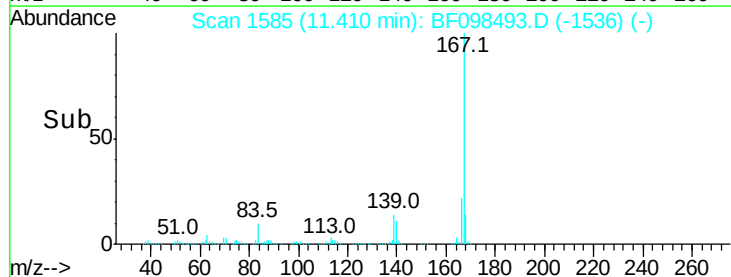
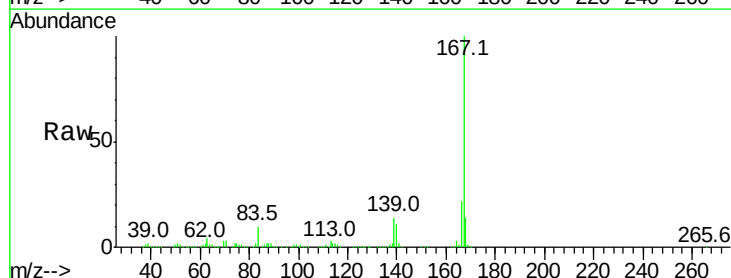
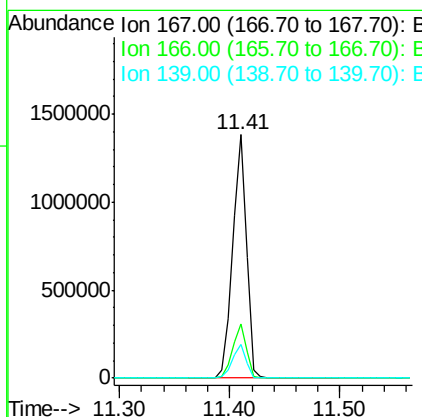
Manual Integrations
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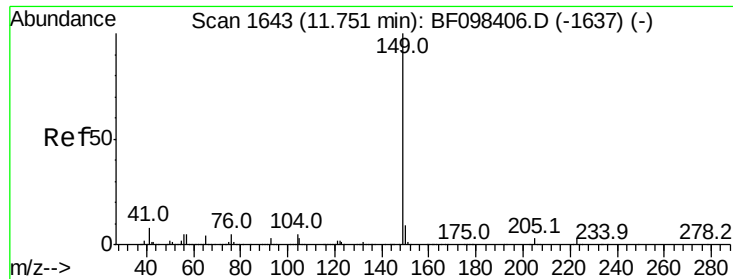
Sohil
 9/14/2017 5:52:29 PM



#72
 Carbazole
 Concen: 40.198 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion:167 Resp: 1223154
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.190 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1465229

Ion Ratio Lower Upper

149 100

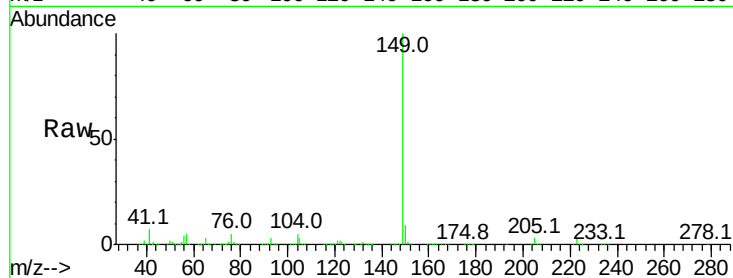
150 9.3 7.7 11.5

104 4.8 4.0 6.0

Manual Integrations
APPROVED

Sohil

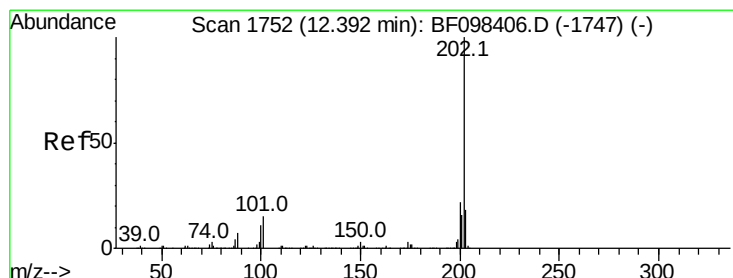
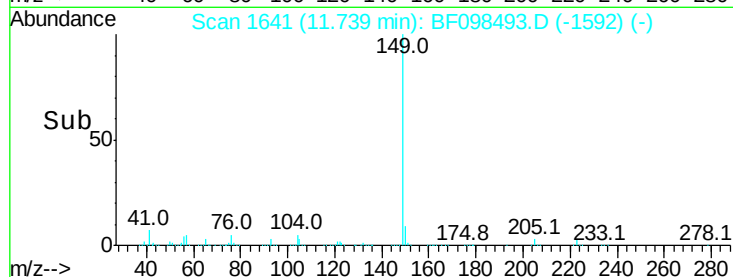
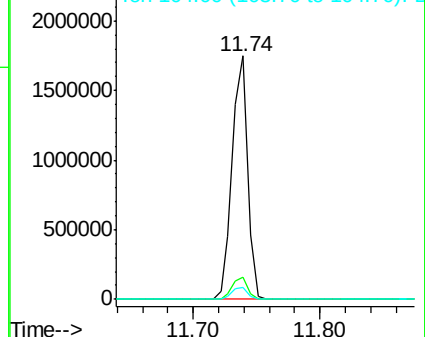
9/14/2017 5:52:29 PM



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: 40.990 ng

RT: 12.38 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF098493.D

Acq: 13 Sep 2017 16:45

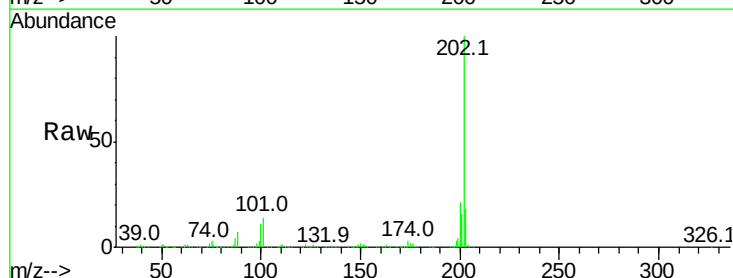
Tgt Ion:202 Resp: 1304919

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

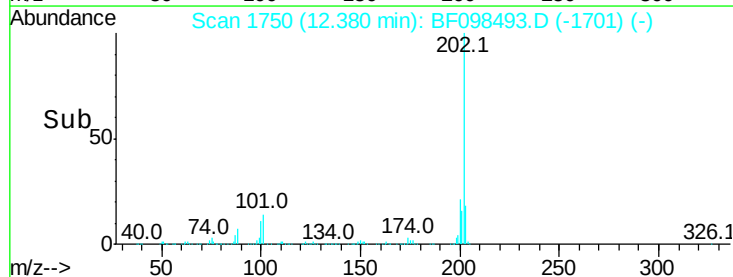
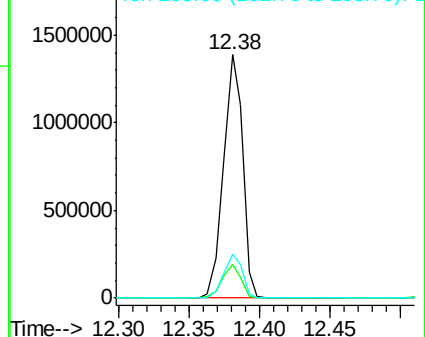
203 18.1 0.0 38.1

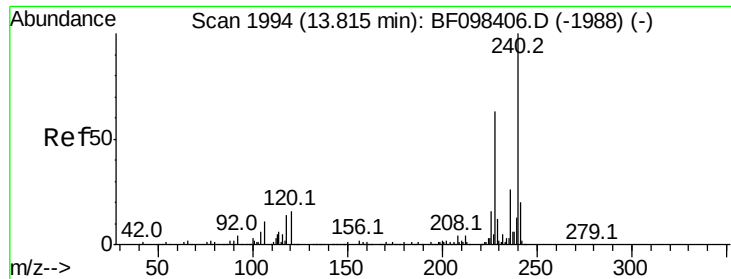


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





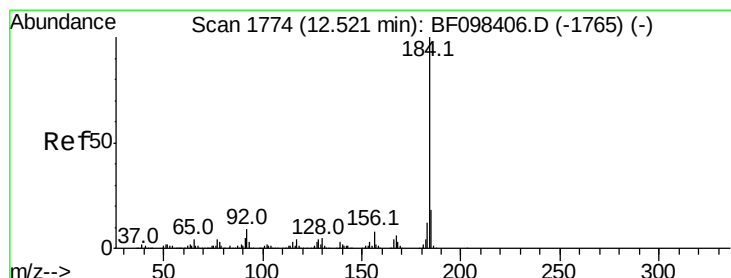
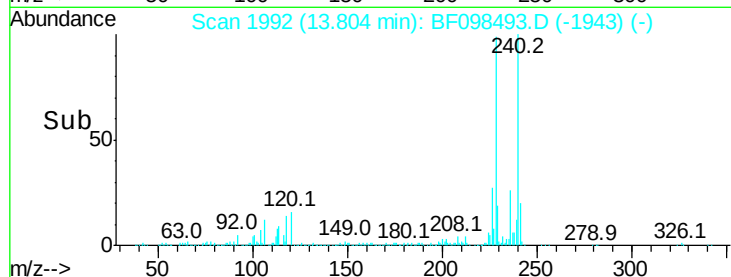
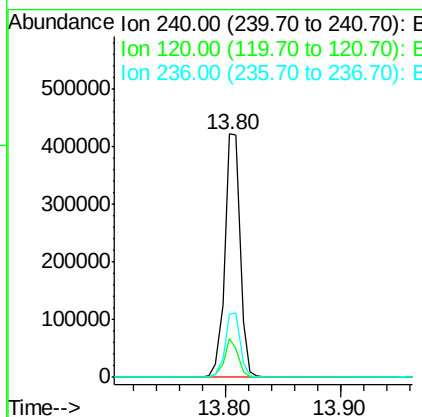
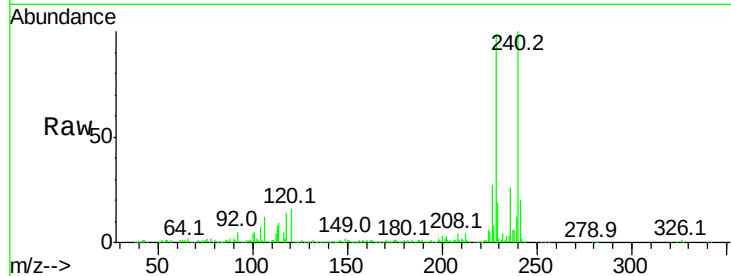
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.7	20.5	30.7

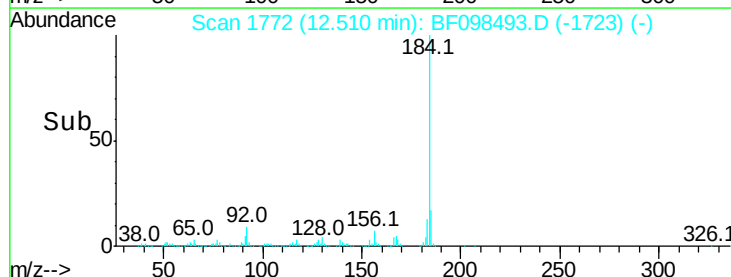
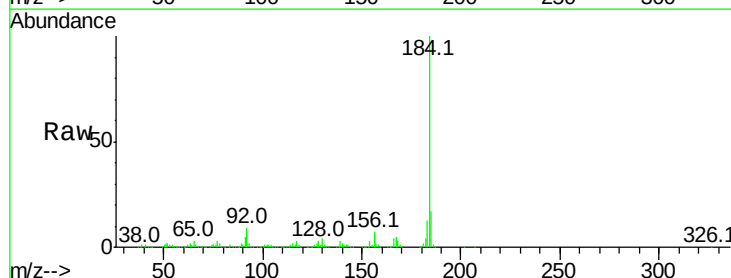
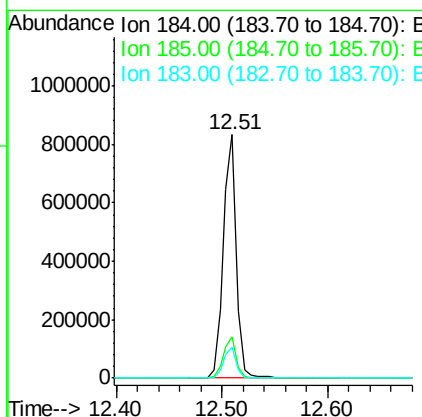
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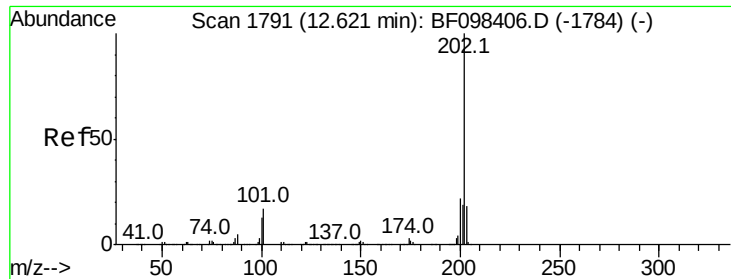
Sohil
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#76
Benzidine
Concen: 41.701 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	15.5	23.3
183	12.8	9.8	14.6





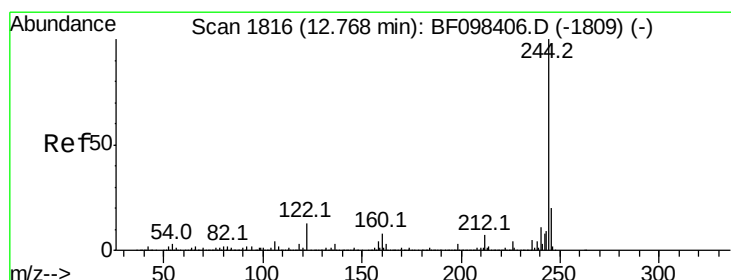
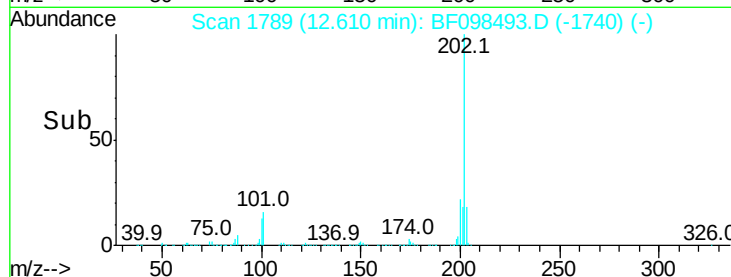
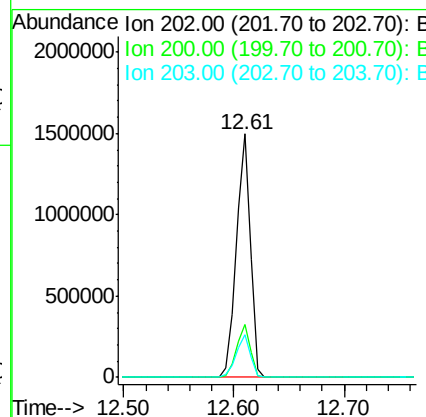
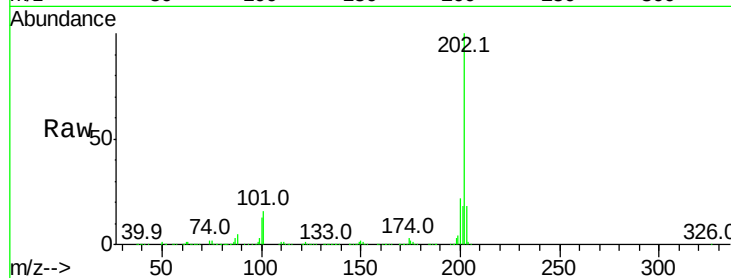
#77
Pvrene
Concen: 43.363 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6

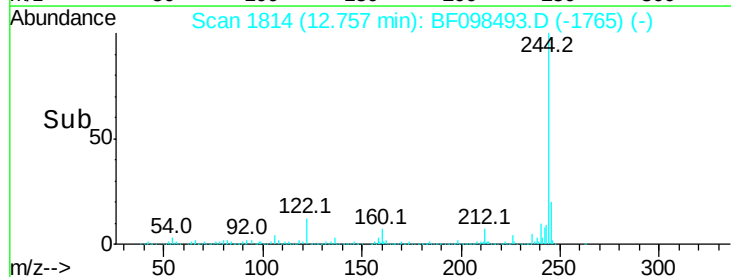
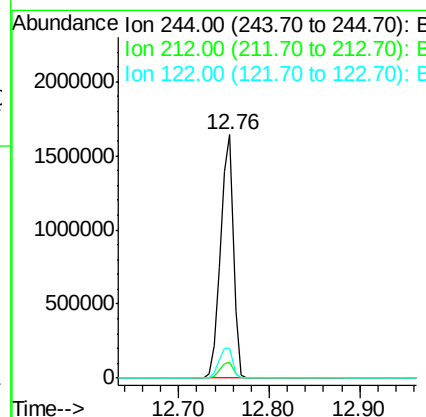
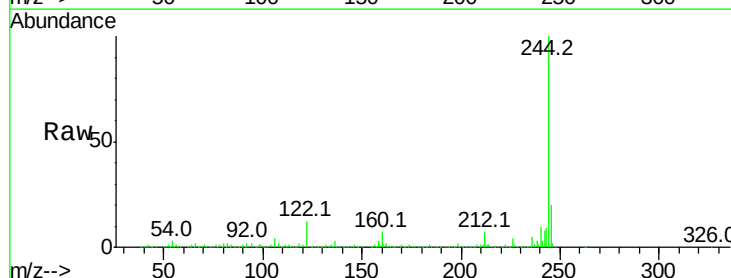
Manual Integrations
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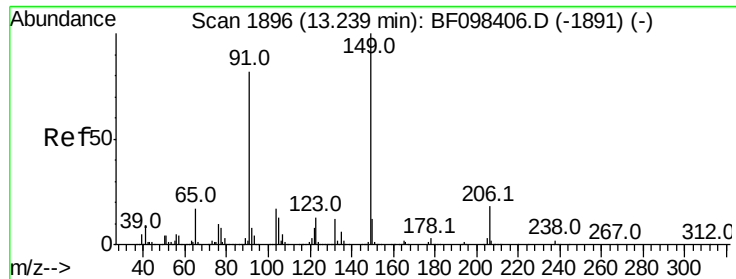
Sohil
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#78
Terphenyl-d14
Concen: 88.063 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	12.4	10.3	15.5





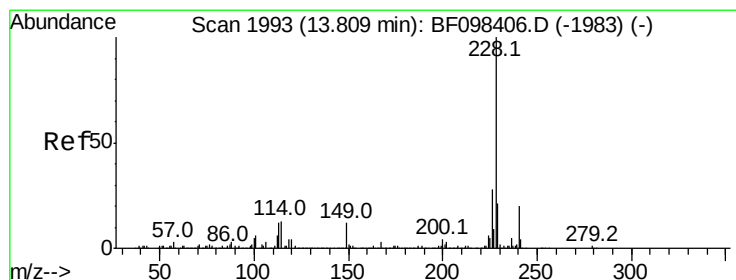
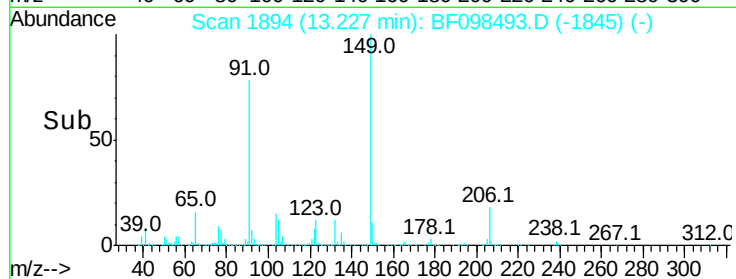
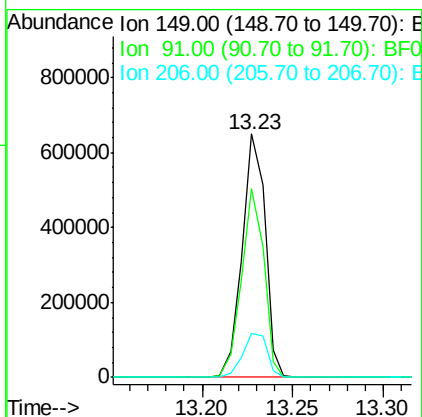
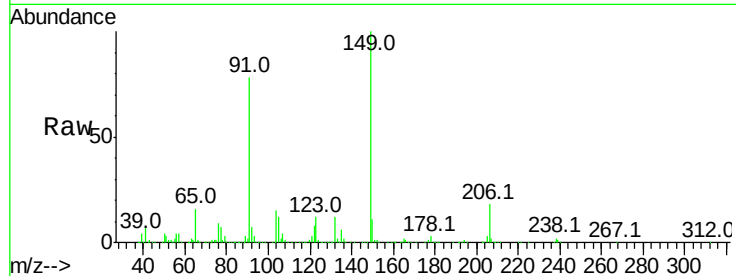
#79
Butylbenzylphthalate
Concen: 42.961 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	575394		
91	77.7	45.0	67.4#	
206	18.0	17.0	25.6	

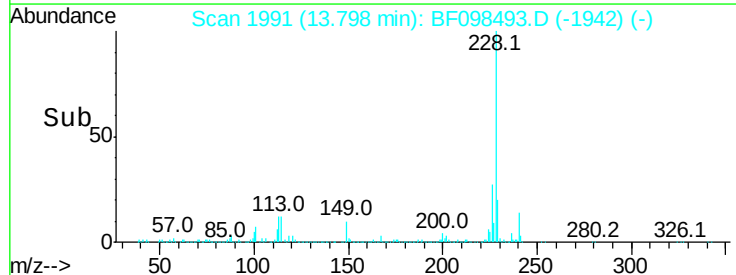
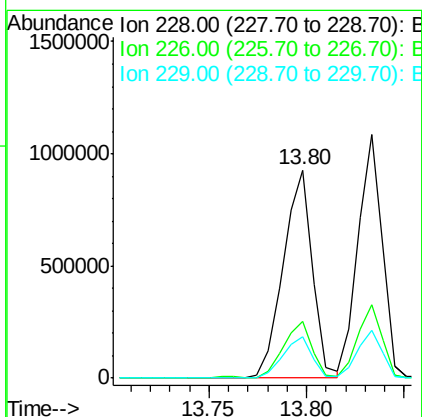
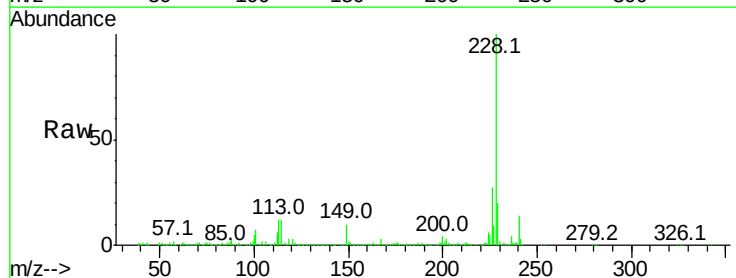
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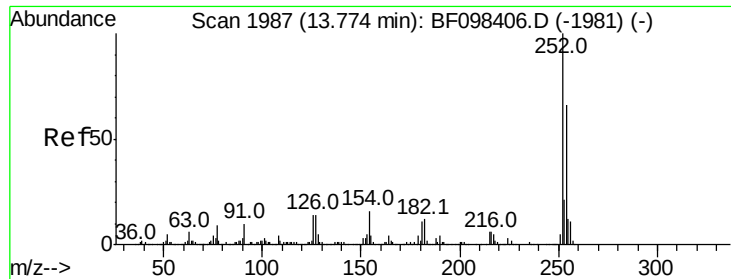
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#80
Benzo(a)anthracene
Concen: 41.739 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	957672		
226	27.4	22.6	33.8	
229	19.8	16.3	24.5	





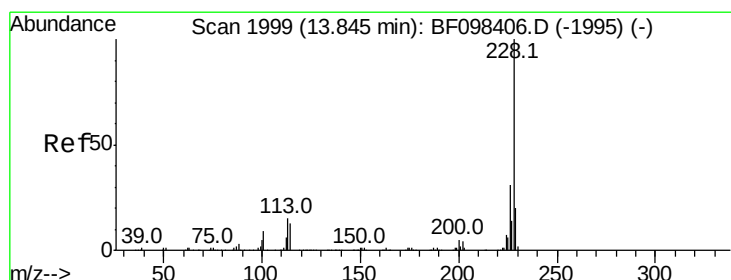
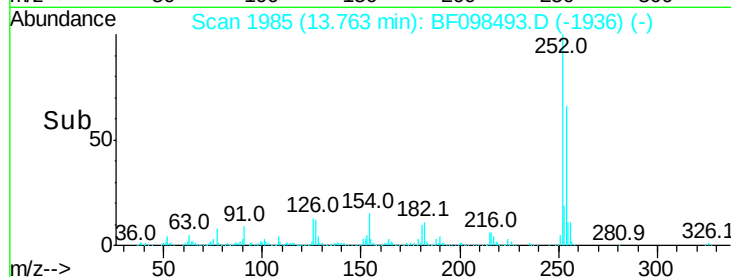
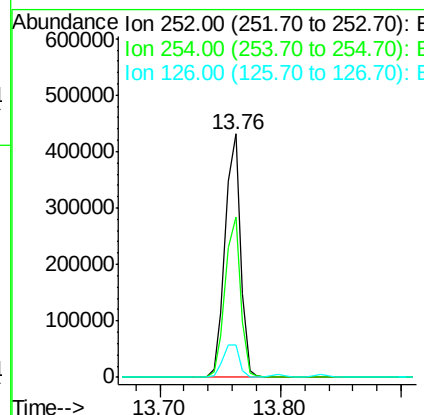
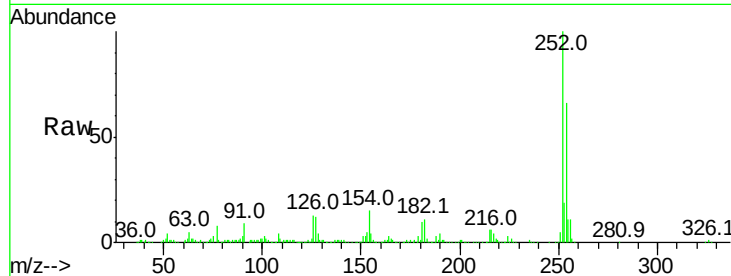
#81
 3,3'-Dichlorobenzidine
 Concen: 42.824 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.8	51.5	77.3
126	13.2	15.8	23.8

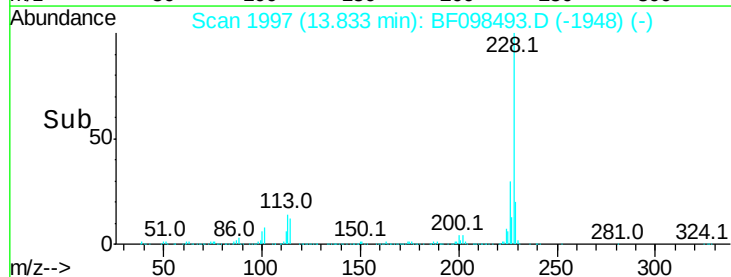
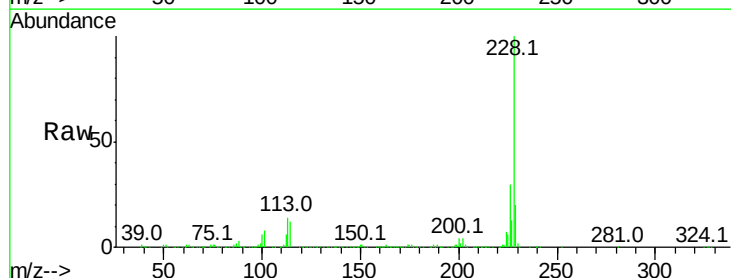
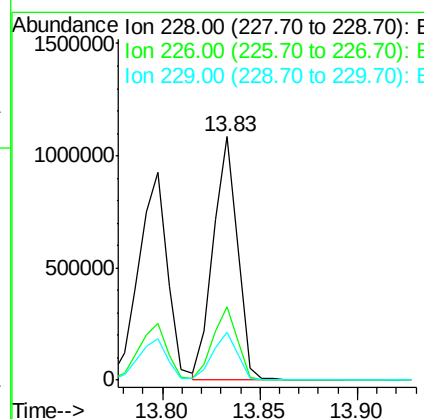
Manual Integrations
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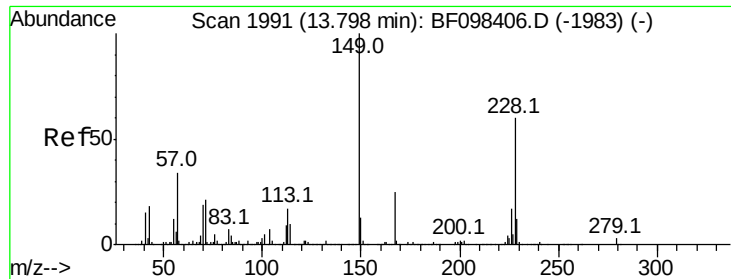
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#82
 Chrysene
 Concen: 40.508 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.8	15.8	23.6





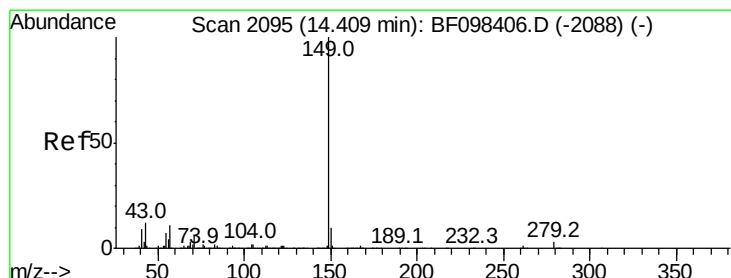
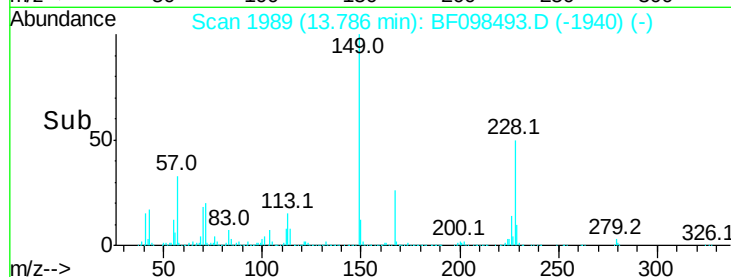
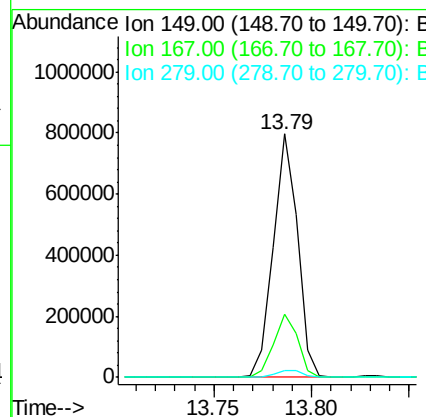
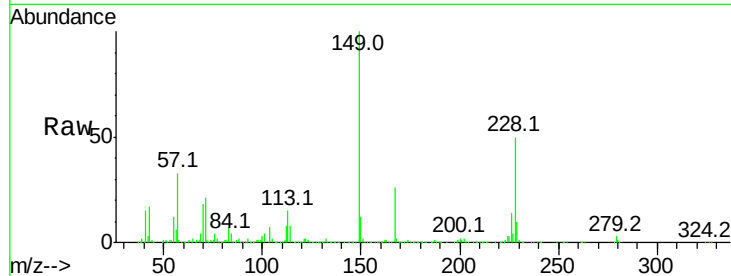
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.009 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.0	1.9	2.9#

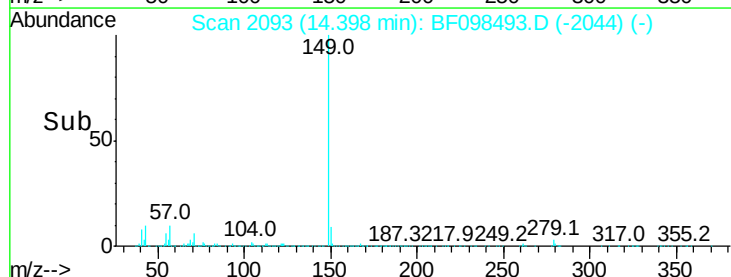
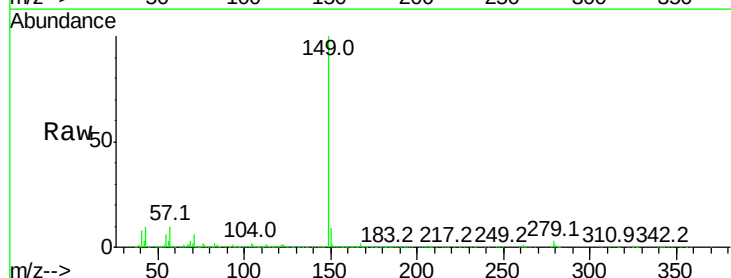
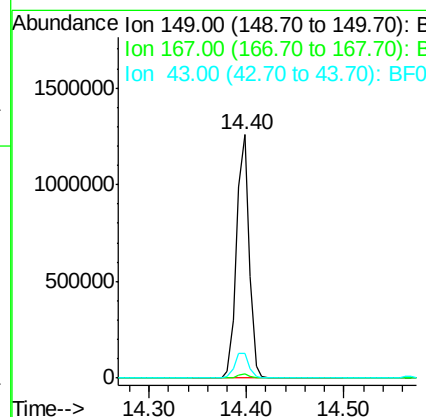
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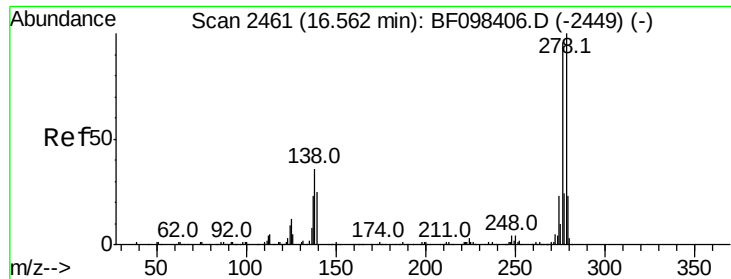
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#84
 Di-n-octyl phthalate
 Concen: 39.082 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.9	8.5	12.7





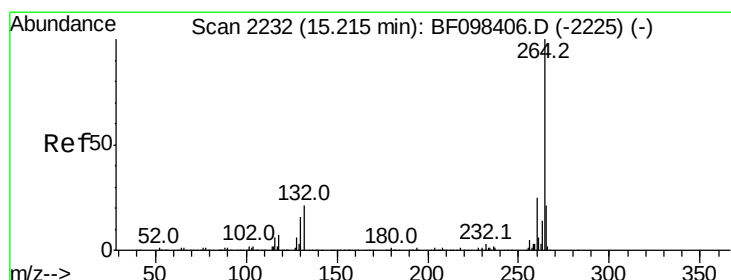
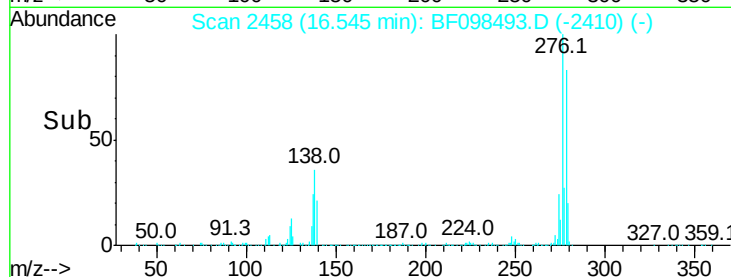
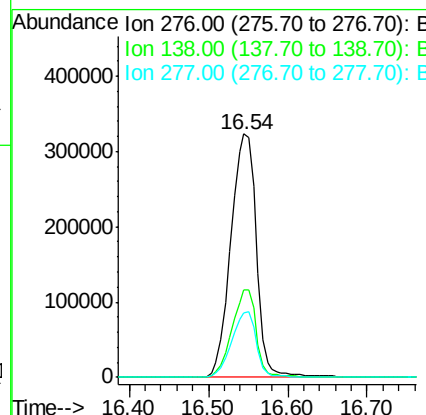
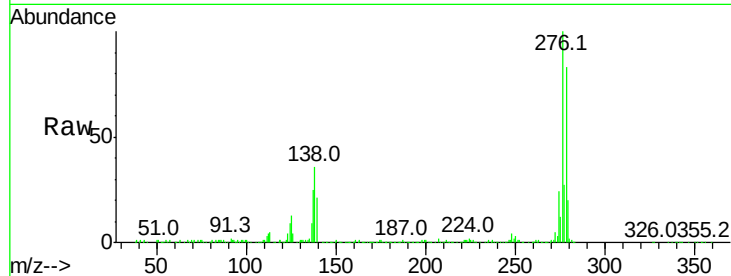
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.407 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	722596		
138	34.5		27.8	41.6
277	25.9		20.2	30.4

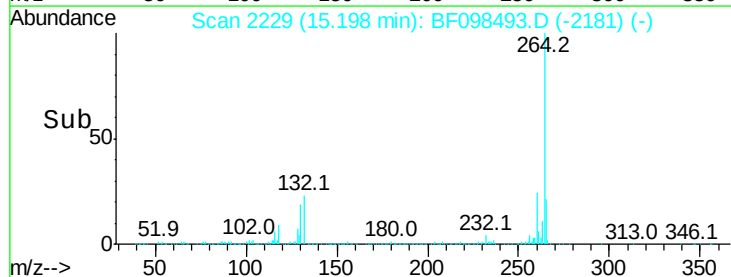
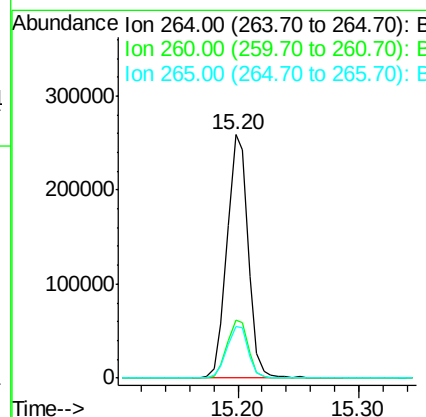
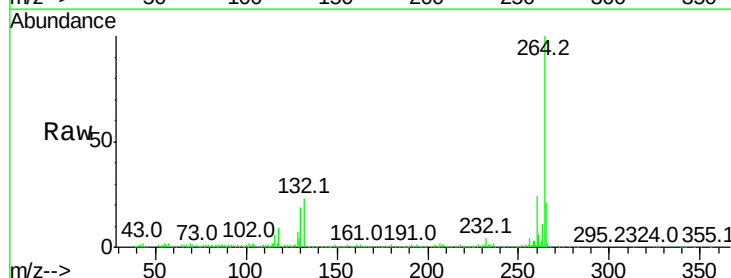
Manual Integrations
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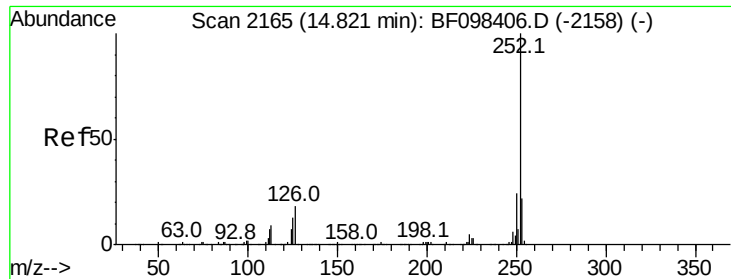
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	313802		
260	24.0		19.5	29.3
265	21.2		17.2	25.8





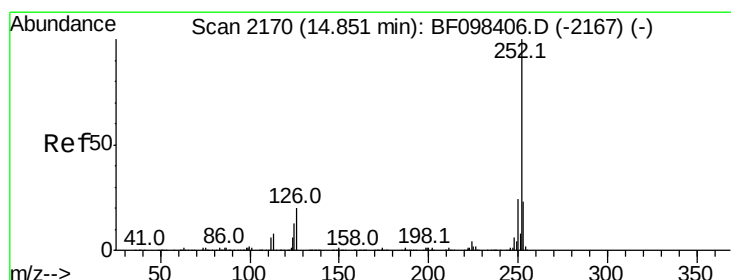
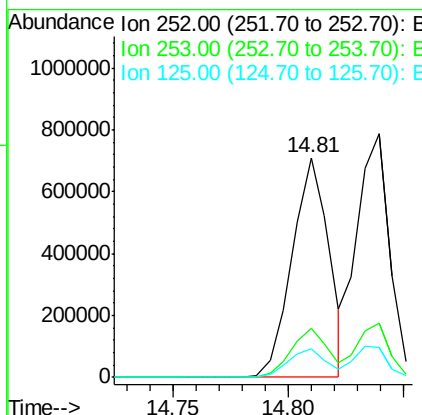
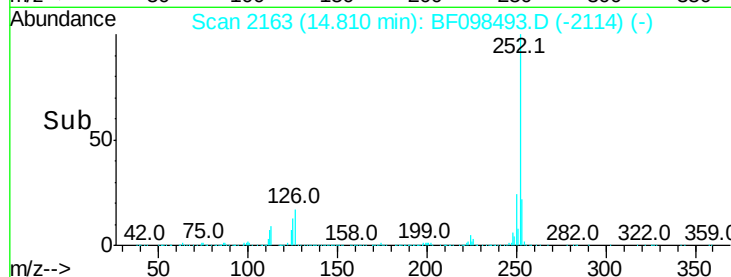
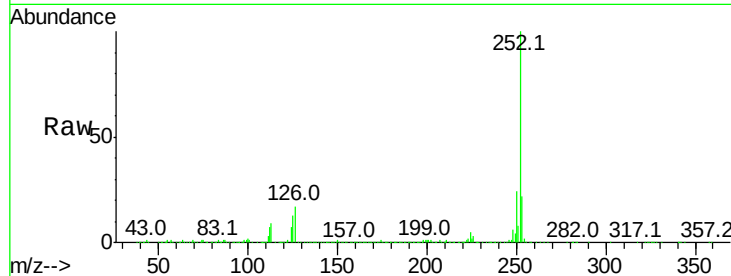
#87
Benzo(b)fluoranthene
Concen: 39.964 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.2	9.8	14.8

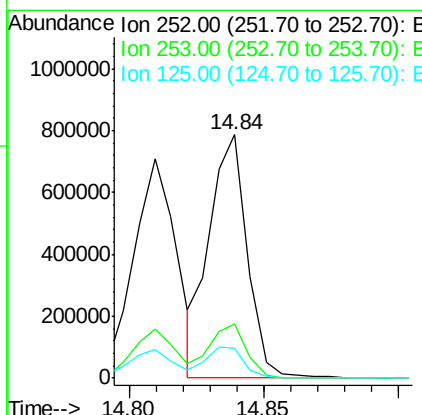
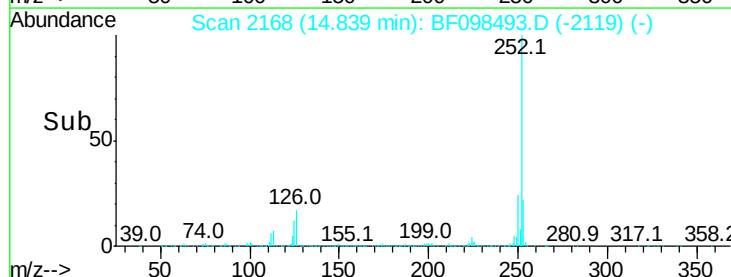
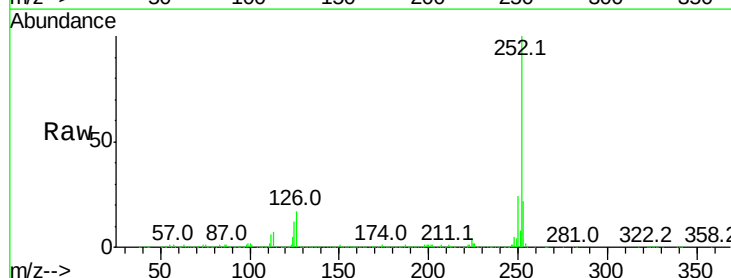
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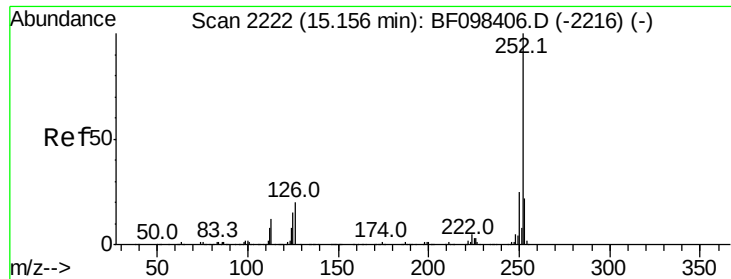
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#88
Benzo(k)fluoranthene
Concen: 42.111 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	12.3	13.1	19.7#





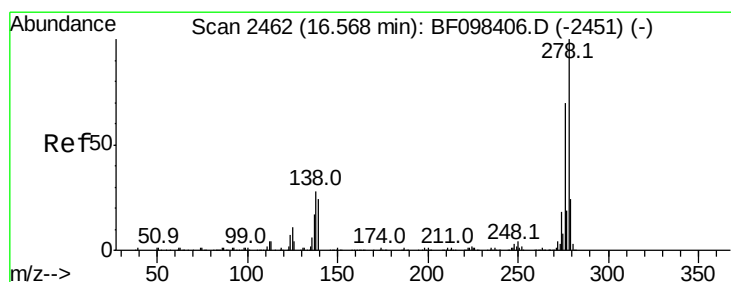
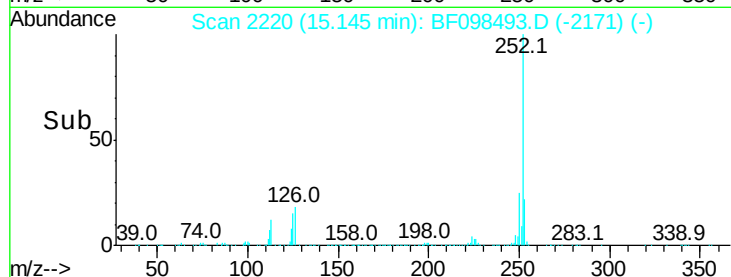
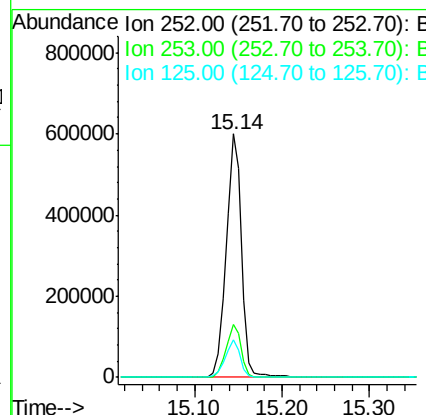
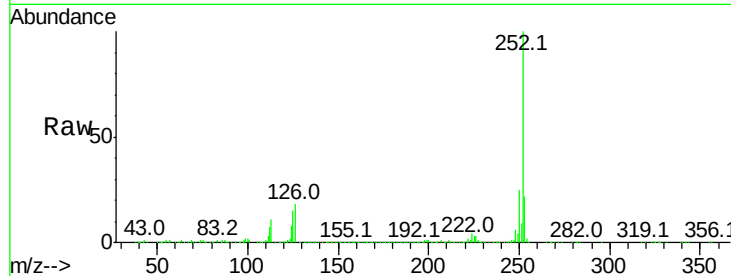
#89
Benzo(a)pyrene
Concen: 41.080 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.2	11.0	16.4

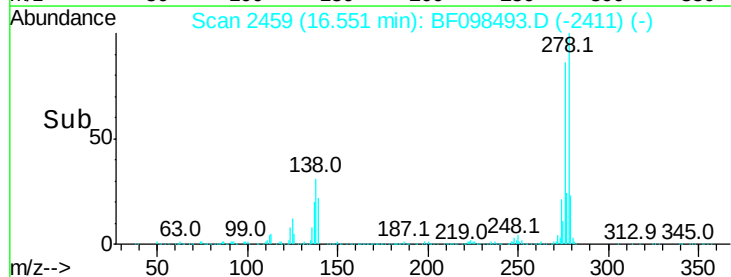
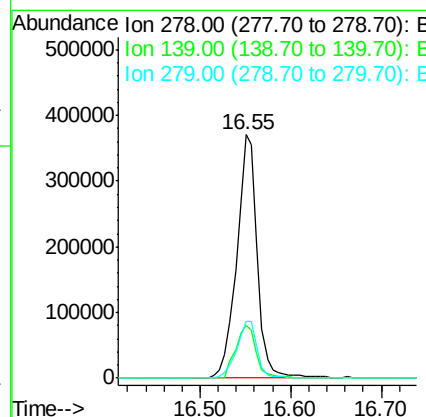
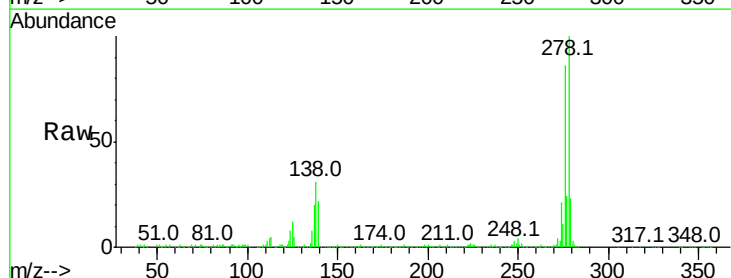
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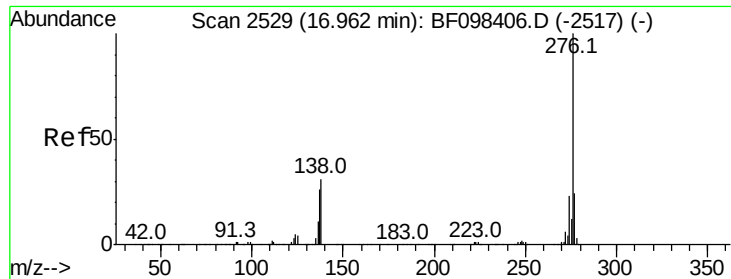
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#90
Dibenzo(a,h)anthracene
Concen: 46.090 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF098493.D
Acq: 13 Sep 2017 16:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.390 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. -0.02 min
 Lab File: BF098493.D
 Acq: 13 Sep 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	29.3	25.4	38.0

Manual Integrations
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