

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109963.D
 Acq On : 18 Oct 2018 17:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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Sohil
 10/19/2018 12:08:41 PM

Quant Time: Oct 19 03:00:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	206679	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	841367	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	389731	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	717431	20.00	ng	0.00
76) Chrysene-d12	14.16	240	462075	20.00	ng	0.00
87) Perylene-d12	15.68	264	357408	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	994600	76.28	ng	0.00
7) Phenol-d6	6.60	99	1244066	76.84	ng	0.00
23) Nitrobenzene-d5	7.54	82	1123992	89.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	305689	90.60	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1949602	79.82	ng	0.00
79) Terphenyl-d14	13.10	244	1789995	81.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	266534	35.991	ng	92
3) Pyridine	3.62	79	609416	36.912	ng	87
4) n-Nitrosodimethylamine	3.58	42	246729	36.634	ng	# 98
6) Aniline	6.64	93	820941	37.626	ng	# 54
8) 2-Chlorophenol	6.76	128	575693	39.417	ng	98
9) Benzaldehyde	6.53	77	394716	37.516	ng	94
10) Phenol	6.61	94	671462	38.412	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	543210	37.166	ng	92
12) 1,3-Dichlorobenzene	6.92	146	623896	38.957	ng	99
13) 1,4-Dichlorobenzene	6.99	146	624379	38.712	ng	96
14) 1,2-Dichlorobenzene	7.15	146	588711	39.638	ng	98
15) Benzyl Alcohol	7.12	79	493272	39.601	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	875453	36.493	ng	68
17) 2-Methylphenol	7.22	107	455783	38.701	ng	# 80
18) Hexachloroethane	7.49	117	229252	40.221	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	385983	37.130	ng	97
20) 3+4-Methylphenols	7.37	107	579155	38.752	ng	95
22) Acetophenone	7.39	105	749660	38.421	ng	# 98
24) Nitrobenzene	7.56	77	580404	42.777	ng	91
25) Isophorone	7.80	82	937164	38.187	ng	95
26) 2-Nitrophenol	7.87	139	302856	53.834	ng	93
27) 2,4-Dimethylphenol	7.90	122	465835	39.408	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	638277	37.897	ng	99
29) 2,4-Dichlorophenol	8.11	162	471134	41.085	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	520102	40.508	ng	97
31) Naphthalene	8.29	128	1497517	38.814	ng	99
32) Benzoic acid	8.01	122	265253	36.015	ng	91
33) 4-Chloroaniline	8.33	127	681873	39.316	ng	99
34) Hexachlorobutadiene	8.39	225	287699	40.634	ng	99
35) Caprolactam	8.70	113	157942	38.782	ng	91
36) 4-Chloro-3-methylphenol	8.80	107	490819	40.573	ng	98
37) 2-Methylnaphthalene	8.97	142	982750	39.337	ng	99
38) 1-Methylnaphthalene	9.07	142	949669	39.229	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	479092	39.910	ng	99

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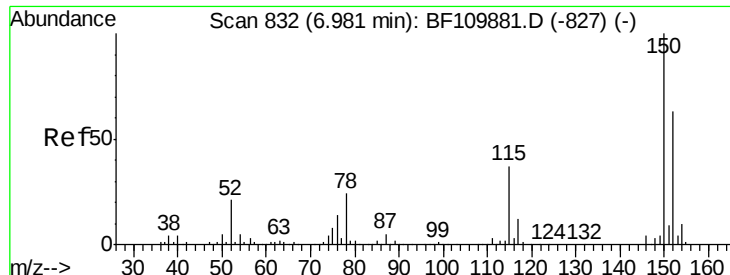
Manual Integrations
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 10/19/2018 12:08:41 PM

Quant Time: Oct 19 03:00:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	260124	44.896	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	319230	42.530	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	332846	42.725	nq	95
46) 1,1'-Biphenyl	9.44	154	1356499	39.066	nq	98
47) 2-Chloronaphthalene	9.47	162	1005899	39.328	nq	98
48) 2-Nitroaniline	9.56	65	318072	48.458	nq	96
49) Acenaphthylene	9.89	152	1452954	39.103	nq	98
50) Dimethylphthalate	9.73	163	1094616	39.665	nq	99
51) 2,6-Dinitrotoluene	9.80	165	257301	49.089	nq	96
52) Acenaphthene	10.06	154	957386	40.471	nq	98
53) 3-Nitroaniline	9.97	138	296307	46.472	nq	94
54) 2,4-Dinitrophenol	10.07	184	87299	55.369	nq	# 80
55) Dibenzofuran	10.23	168	1331162	39.457	nq	98
56) 4-Nitrophenol	10.12	139	224732	46.193	nq	93
57) 2,4-Dinitrotoluene	10.20	165	327920	49.381	nq	# 86
58) Fluorene	10.57	166	969376	39.472	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	272315	44.106	nq	96
60) Diethylphthalate	10.43	149	1073206	39.374	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	513433	40.134	nq	99
62) 4-Nitroaniline	10.59	138	284266	47.099	nq	93
63) Azobenzene	10.72	77	1055264	37.060	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	138539	52.430	nq	88
66) n-Nitrosodiphenylamine	10.68	169	937281	39.225	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	309240	39.773	nq	95
68) Hexachlorobenzene	11.12	284	327406	39.489	nq	# 91
69) Atrazine	11.20	200	306411	41.052	nq	98
70) Pentachlorophenol	11.31	266	211207	44.761	nq	96
71) Phenanthrene	11.54	178	1427502	38.434	nq	99
72) Anthracene	11.59	178	1454014	38.939	nq	99
73) Carbazole	11.74	167	1401418	38.187	nq	99
74) Di-n-butylphthalate	12.06	149	1575192	38.460	nq	99
75) Fluoranthene	12.73	202	1399013	37.705	nq	99
77) Benzidine	12.85	184	711551	40.163	nq	98
78) Pyrene	12.96	202	1423291	41.938	nq	99
80) Butylbenzylphthalate	13.56	149	597333	43.535	nq	98
81) Benzo(a)anthracene	14.14	228	1054369	38.739	nq	100
82) 3,3'-Dichlorobenzidine	14.10	252	376327	39.440	nq	97
83) Chrysene	14.19	228	994309	38.380	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	754720	41.803	nq	97
85) Di-n-octyl phthalate	14.74	149	1120008	44.002	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	922169	44.210	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	823957	39.988	nq	100
89) Benzo(k)fluoranthene	15.26	252	804226m	39.598	nq	
90) Benzo(a)pyrene	15.62	252	767421	40.495	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	763221	45.444	nq	97
92) Benzo(g,h,i)perylene	17.72	276	781626	46.062	nq	96

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



#1

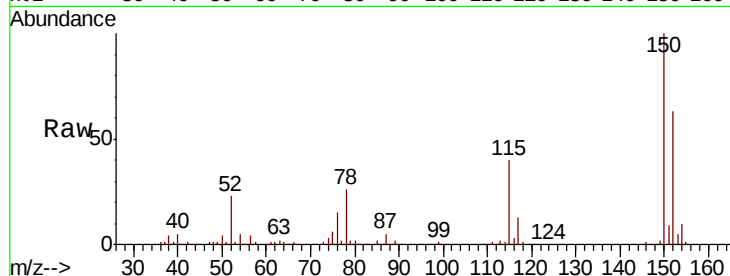
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	63.1	49.1	73.7

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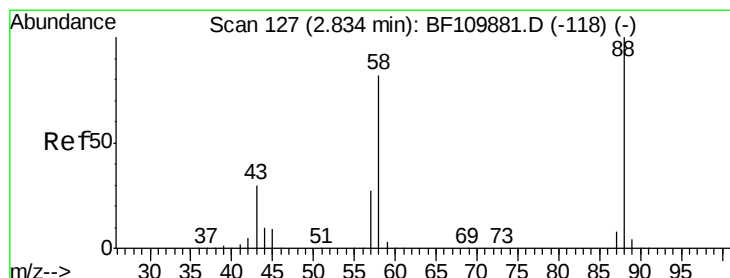
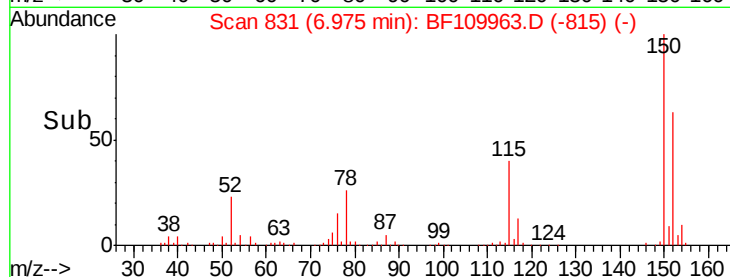
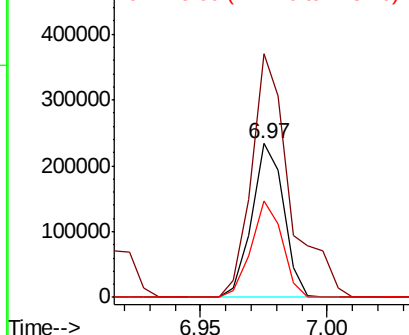


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

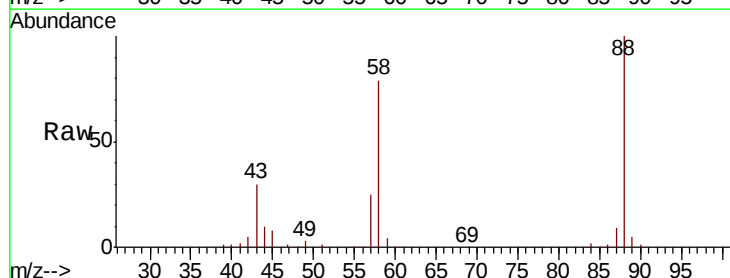
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.991 ng
RT: 2.85 min Scan# 130
Delta R.T. 0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	57.1	85.7
43	30.7	24.1	36.1

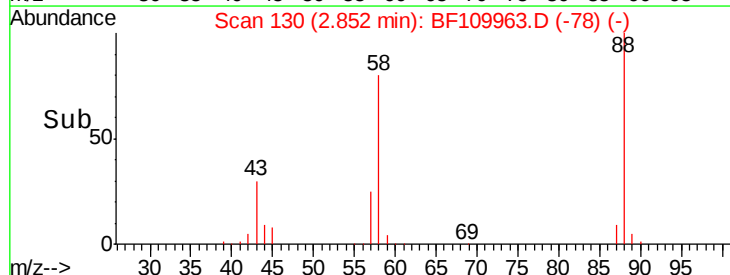
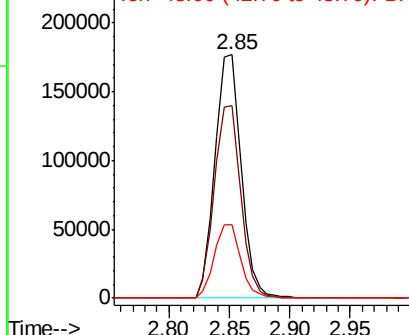


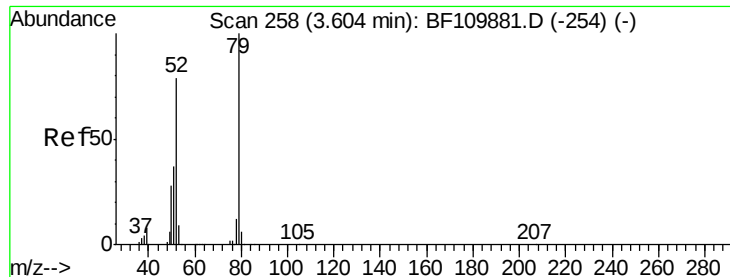
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.912 ng

RT: 3.62 min Scan# 260

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

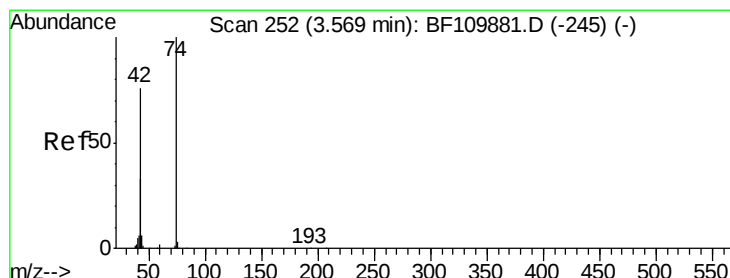
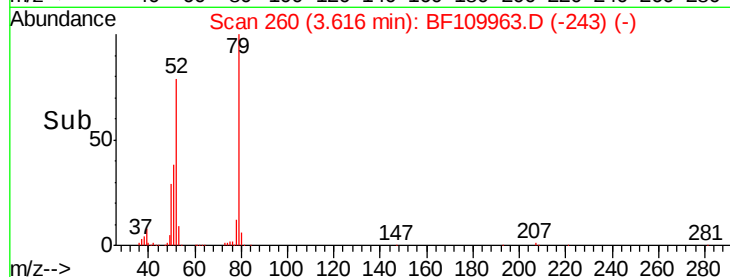
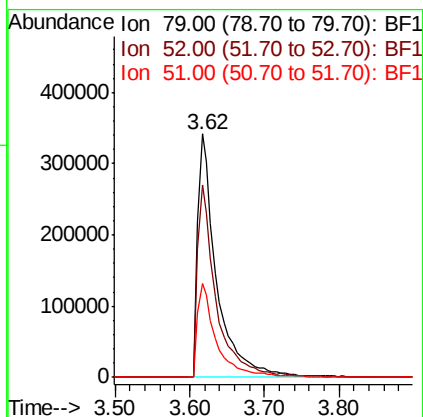
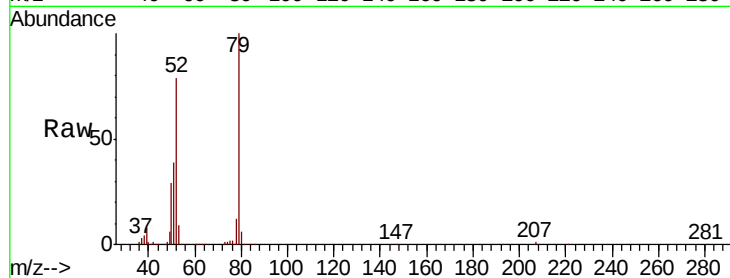
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	609416
Ion	Ratio	Lower	Upper
79	100		
52	79.2	53.1	79.7
51	38.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 36.634 ng

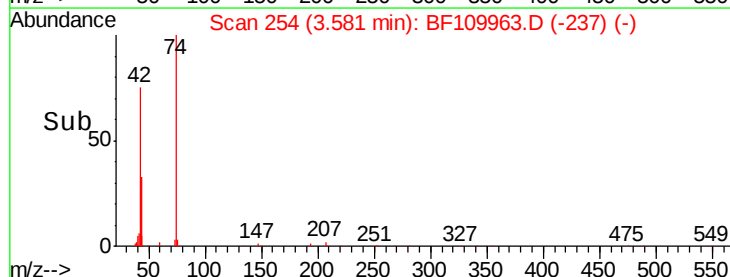
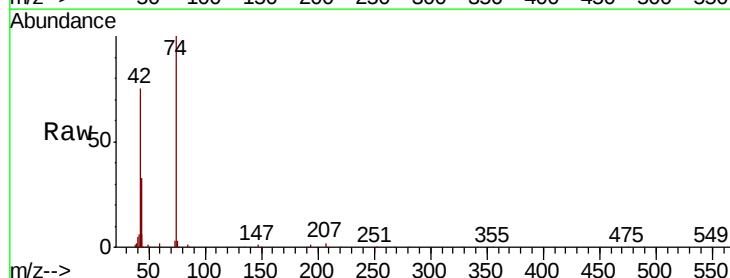
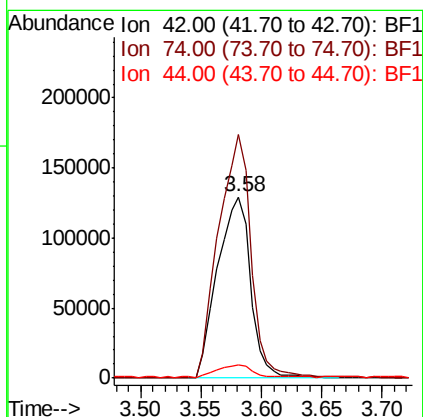
RT: 3.58 min Scan# 254

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	42	Resp:	246729
Ion	Ratio	Lower	Upper
42	100		
74	134.2	105.5	158.3
44	7.6	4.9	7.3#





#5

2-Fluorophenol

Concen: 76.281 ng

RT: 5.59 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

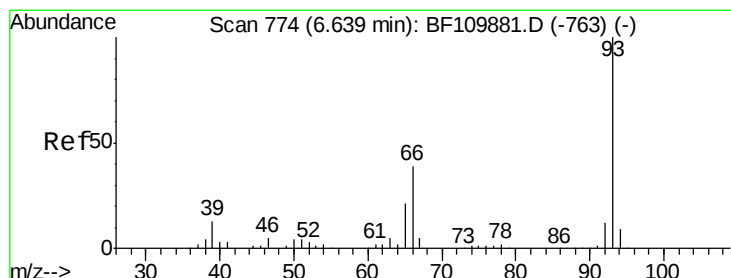
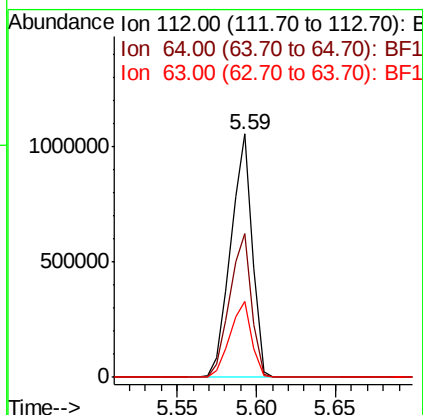
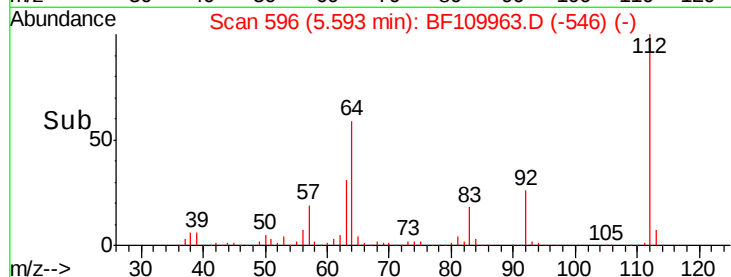
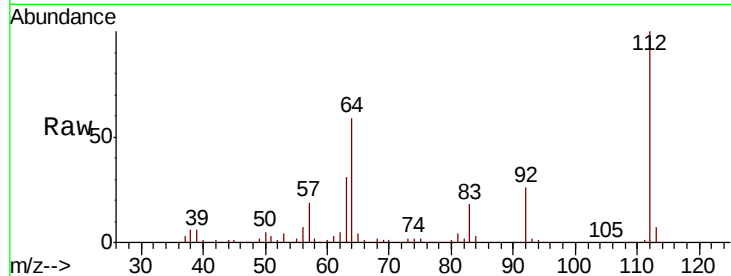
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		994600		
64	59.2	44.1	66.1		
63	31.0	23.7	35.5		

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#6

Aniline

Concen: 37.626 ng

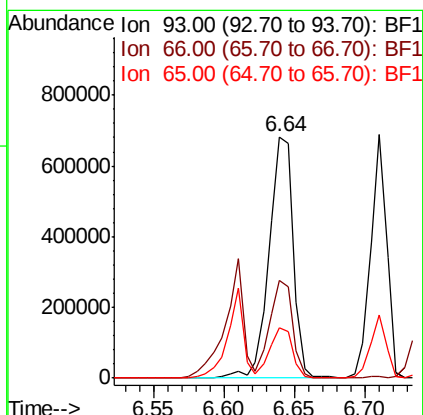
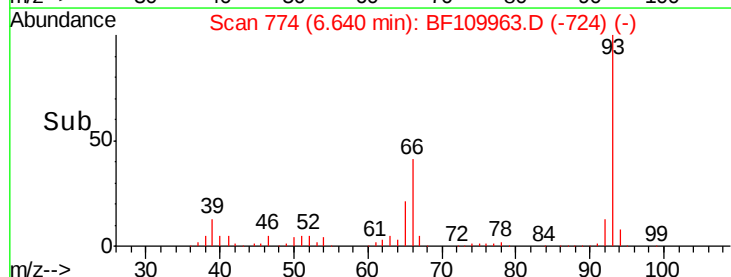
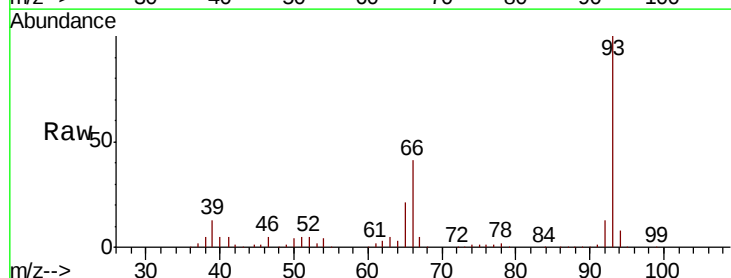
RT: 6.64 min Scan# 774

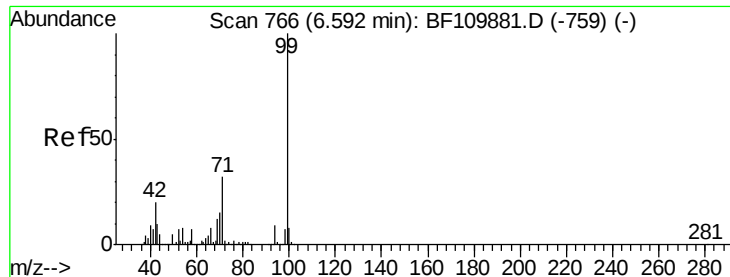
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		820941		
66	40.6	67.4	101.0#		
65	20.8	41.0	61.4#		





#7

Phenol-d6

Concen: 76.839 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1244066

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

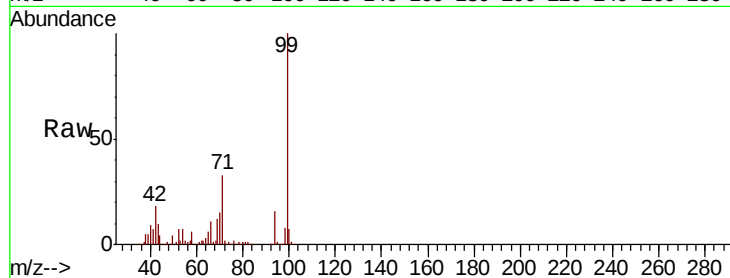
71 33.0 28.0 42.0

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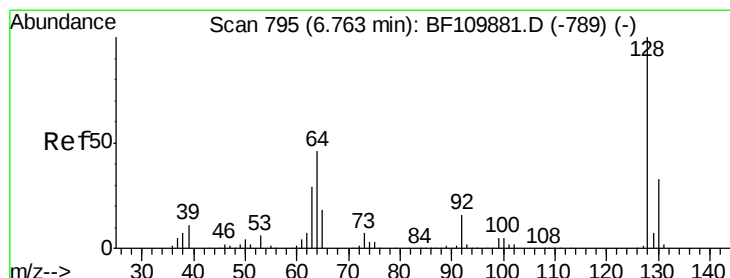
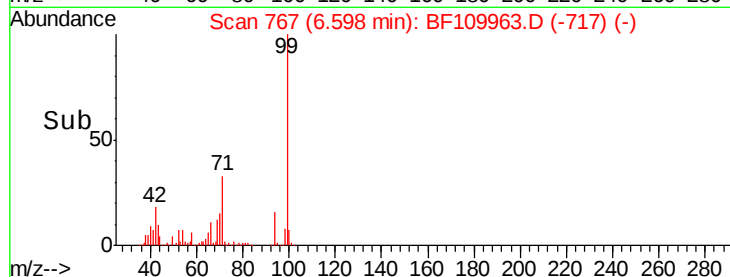
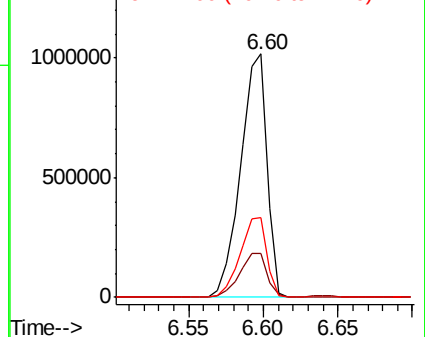
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.417 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

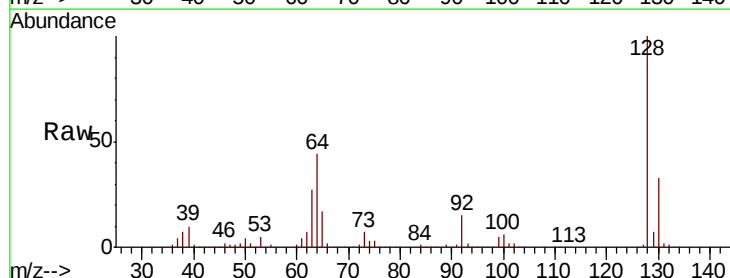
Tgt Ion: 128 Resp: 575693

Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

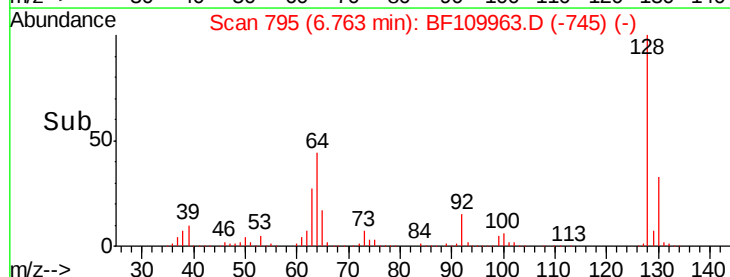
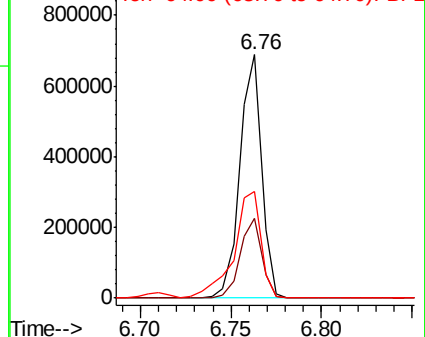
64 43.9 26.0 66.0

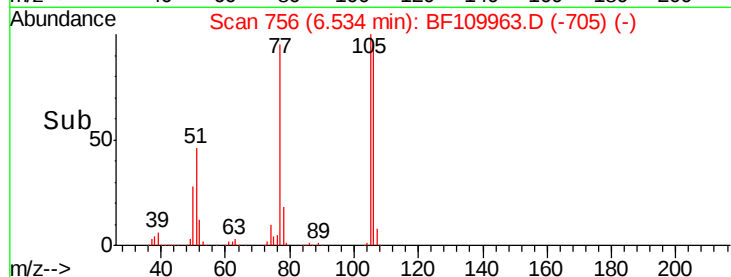
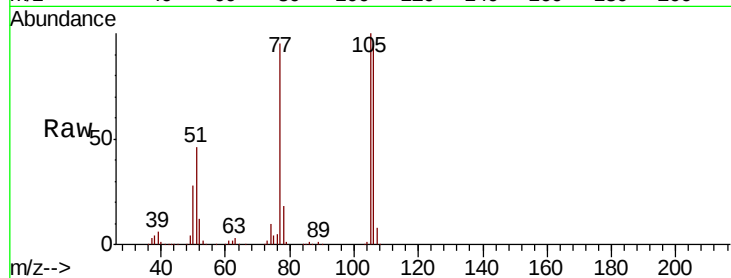
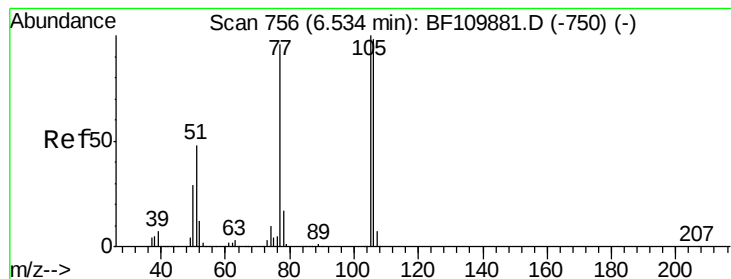


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.516 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tot Ion:	77	Resp:	394716
Ion Ratio	Lower	Upper	
77	100		
105	104.7	78.6	118.6
106	99.9	74.8	114.8

Instrument :

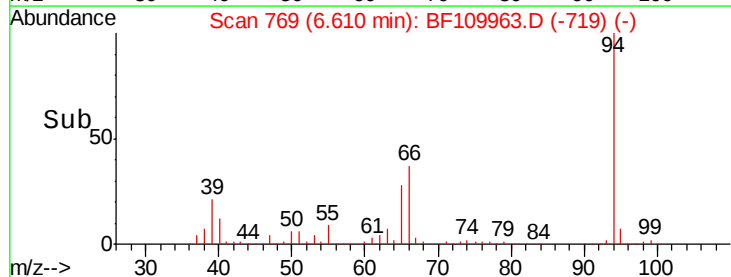
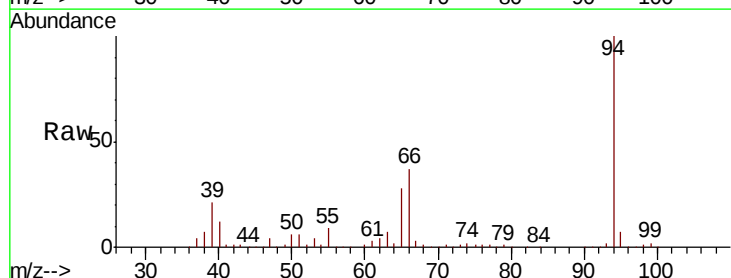
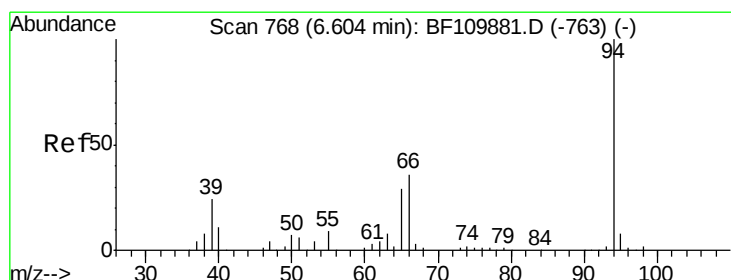
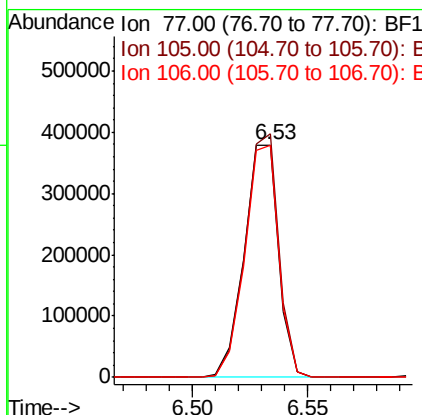
BNA_F

ClientSampleId :

SSTDCCC040EC

Manual Integrations
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#10

Phenol

Concen: 38.412 ng

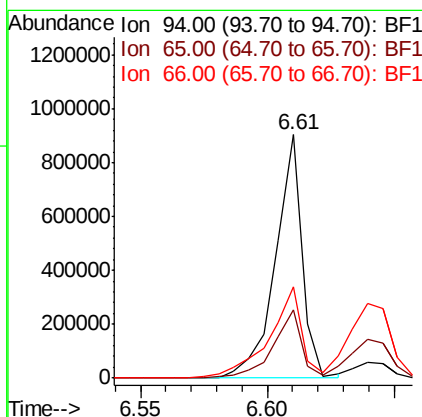
RT: 6.61 min Scan# 769

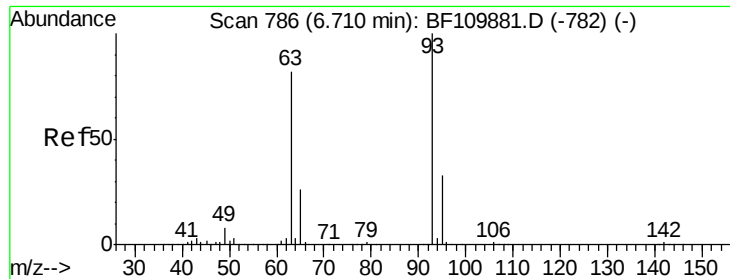
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	94	Resp:	671462
Ion Ratio	Lower	Upper	
94	100		
65	28.2	25.3	65.3
66	37.5	54.5	94.5#





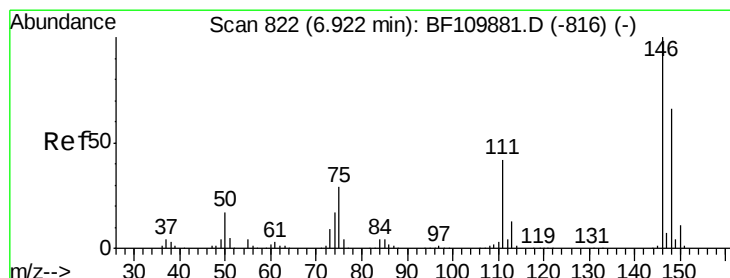
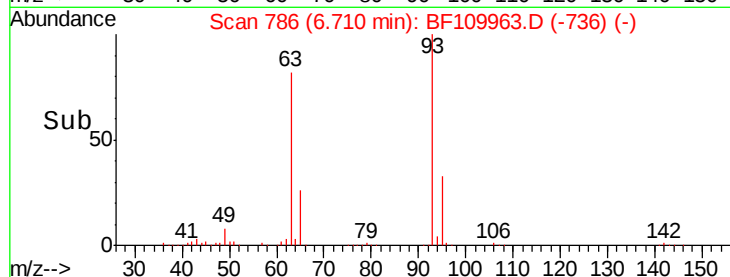
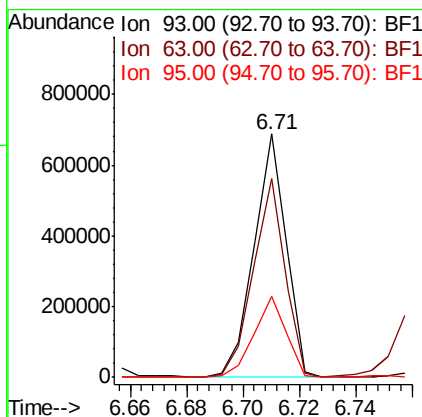
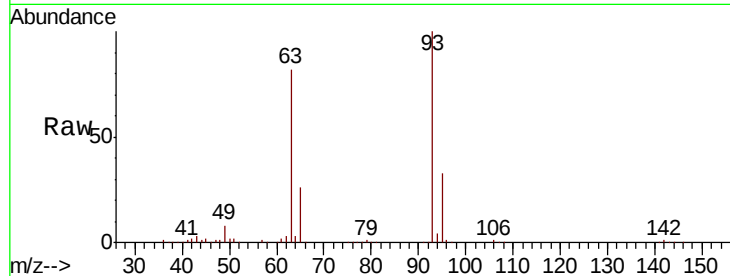
#11
bis(2-Chloroethyl)ether
Concen: 37.166 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	543210
Ion Ratio	Lower	Upper	
93	100		
63	81.7	53.4	93.4
95	33.4	12.1	52.1

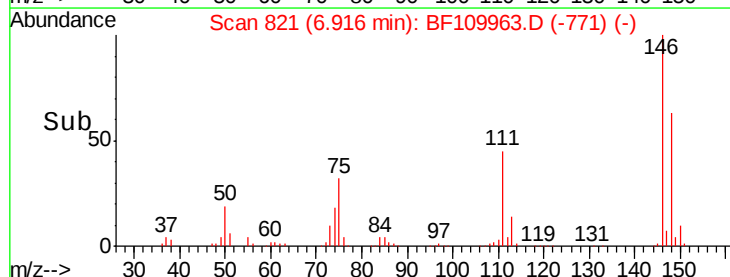
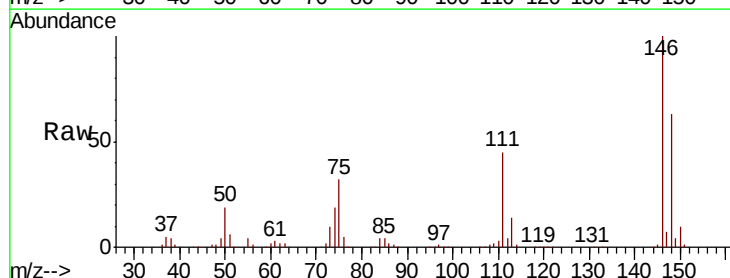
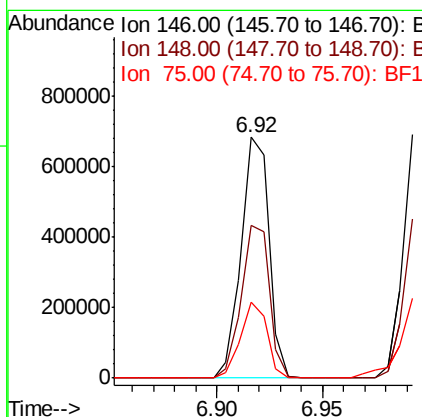
Manual Integrations
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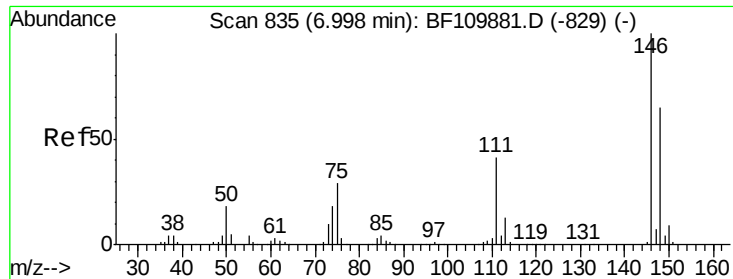
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#12
1,3-Dichlorobenzene
Concen: 38.957 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:	146	Resp:	623896
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
75	31.7	25.8	38.6





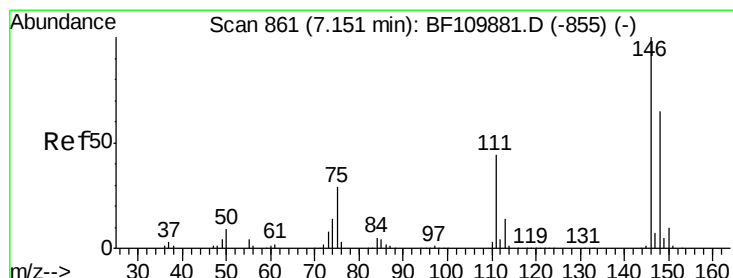
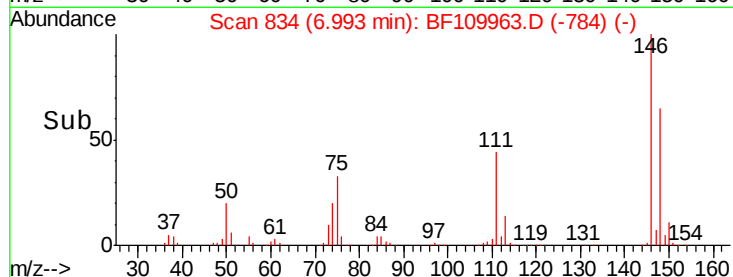
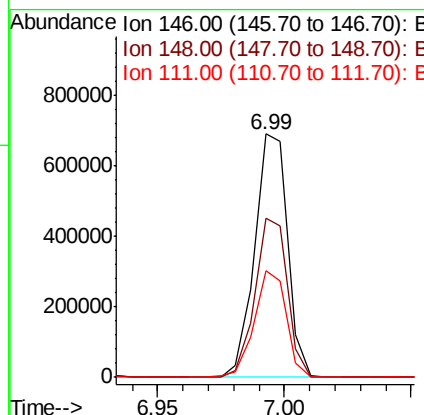
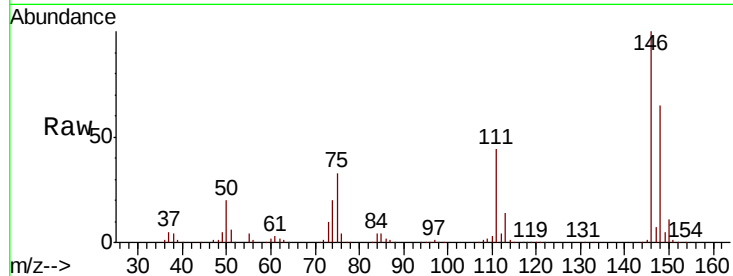
#13
1,4-Dichlorobenzene
Concen: 38.712 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.3	75.5
111	43.9	32.7	49.1

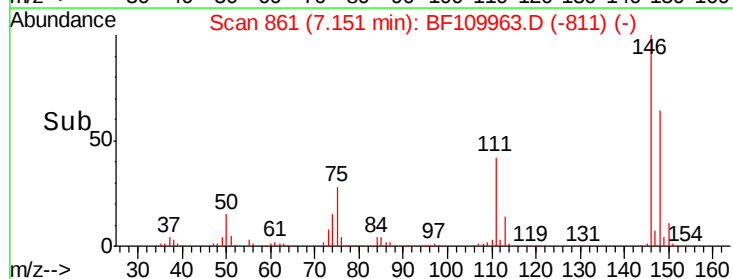
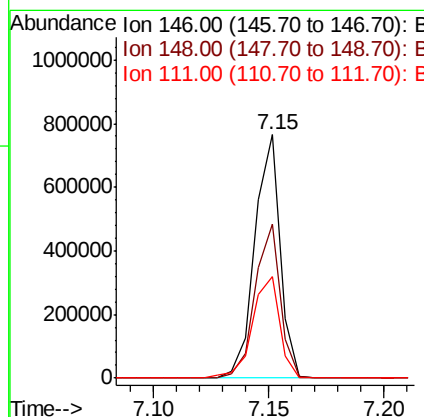
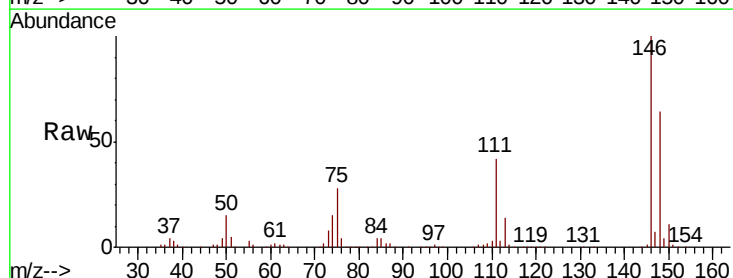
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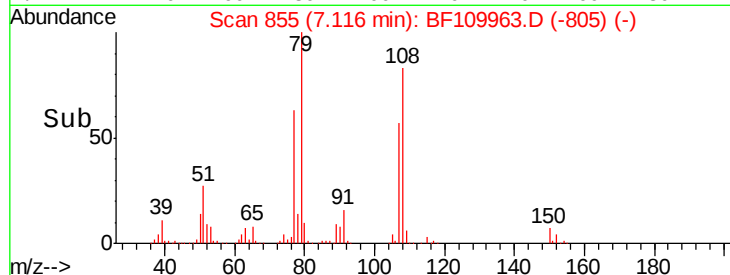
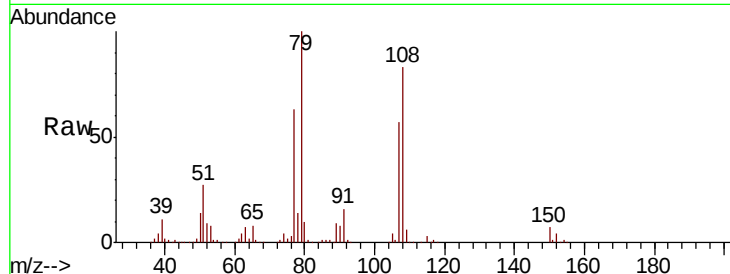
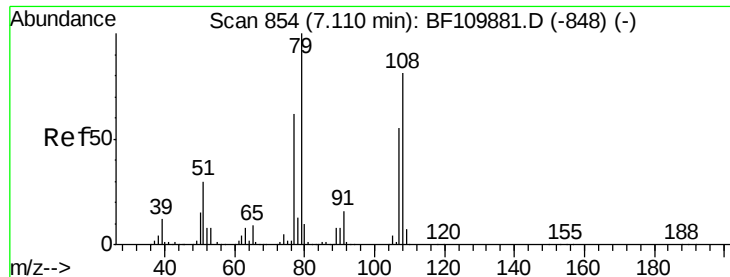
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#14
1,2-Dichlorobenzene
Concen: 39.638 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	41.9	35.8	53.6





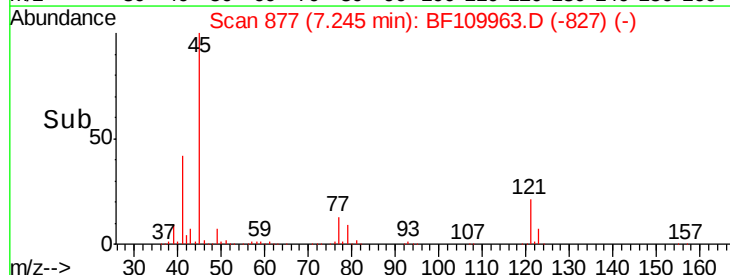
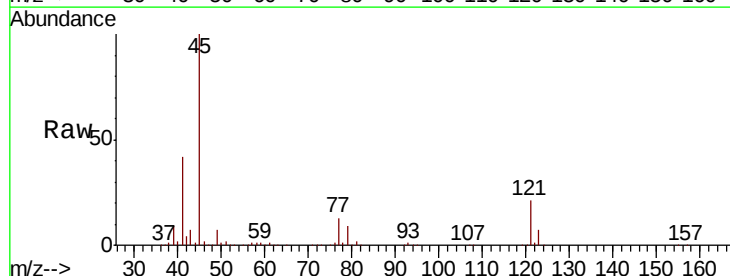
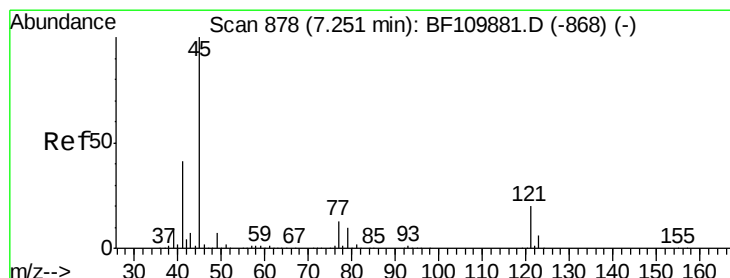
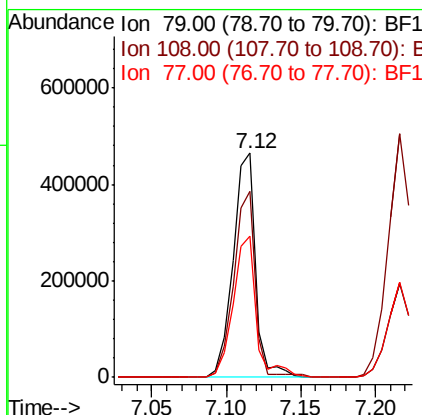
#15
Benzyl Alcohol
Concen: 39.601 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.7	56.3	84.5
77	63.2	52.9	79.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

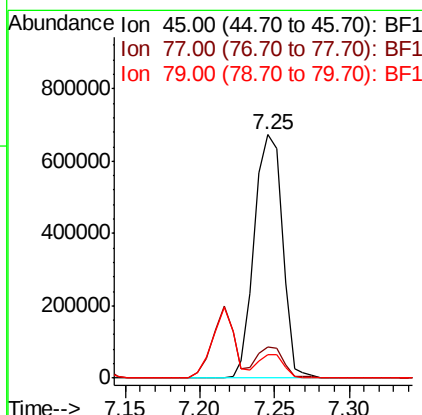
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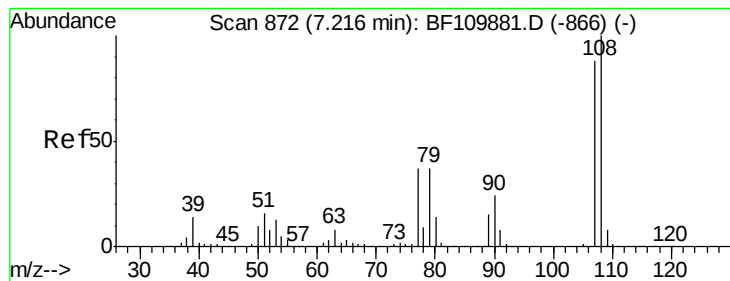
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.493 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	10.0	50.0
79	9.4	6.1	46.1





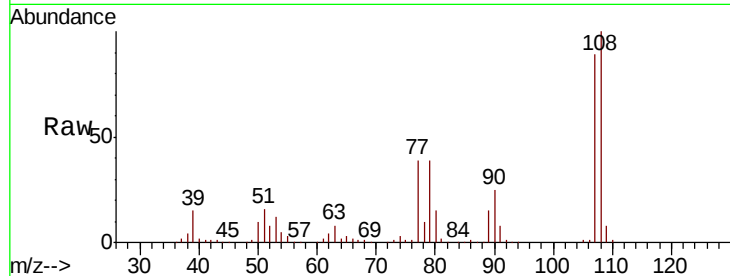
#17
2-Methylphenol
Concen: 38.701 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	455783		
108	111.8	92.6	138.8	
77	43.8	59.4	89.2#	
79	43.3	54.0	81.0#	

Manual Integrations
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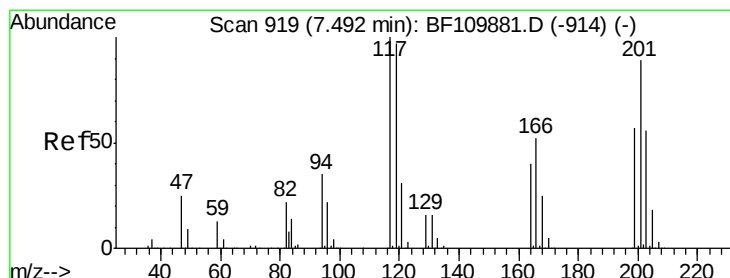
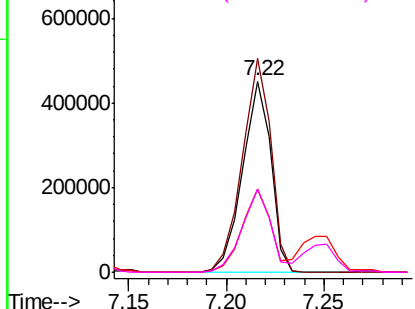
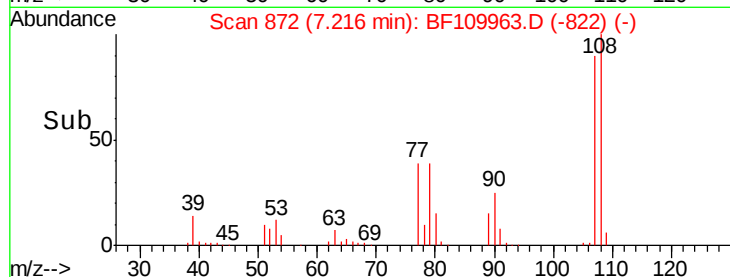
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

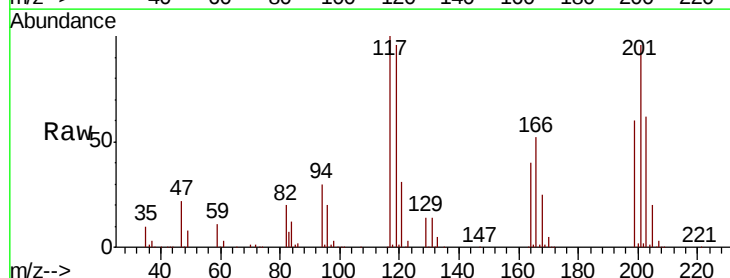
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.221 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	229252		
119	96.2	75.0	112.6	
201	96.3	79.2	118.8	

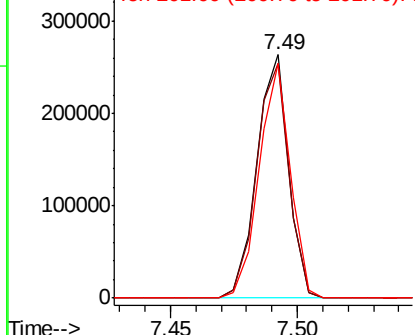
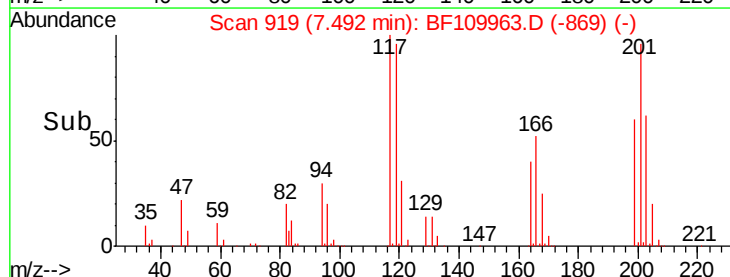


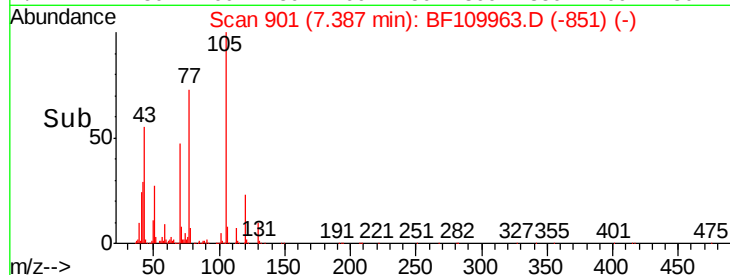
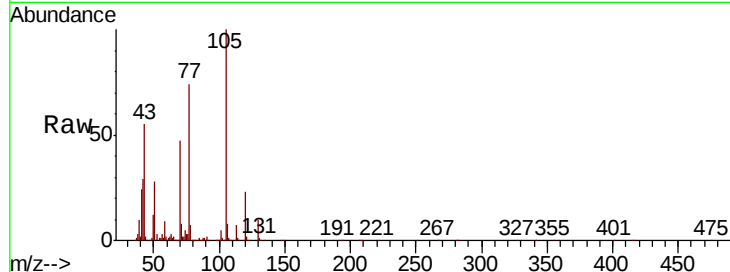
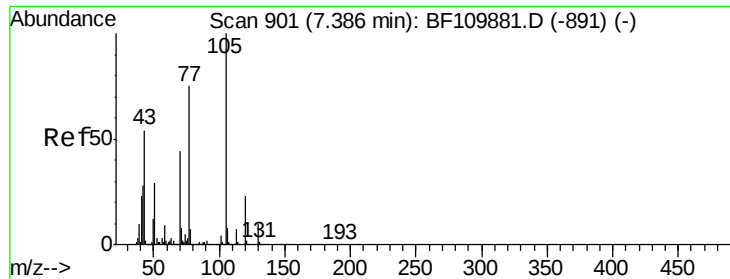
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





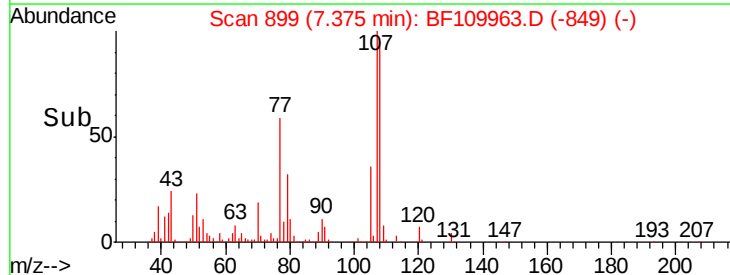
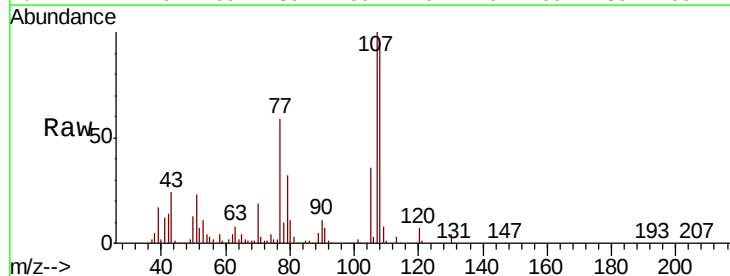
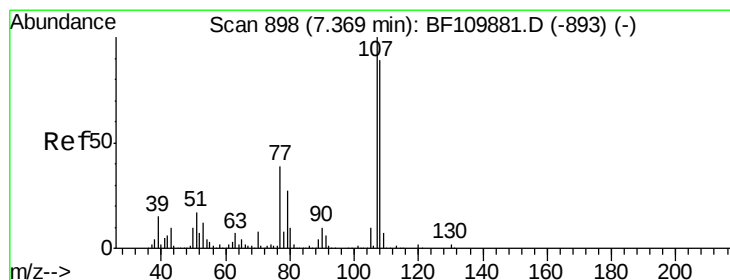
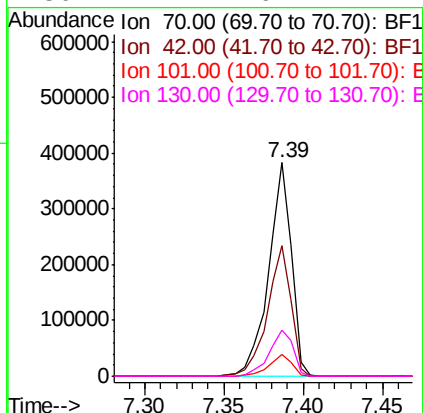
#19
n-Nitroso-di-n-propylamine
Concen: 37.130 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.4	71.2
101	10.0	7.3	10.9
130	21.7	16.2	24.2

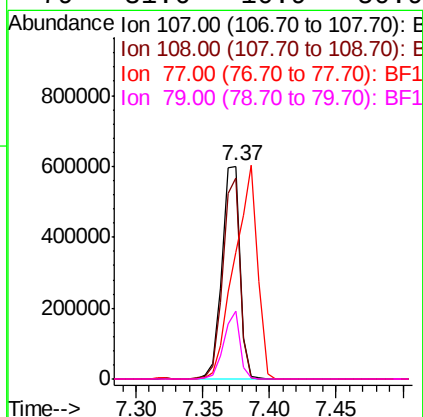
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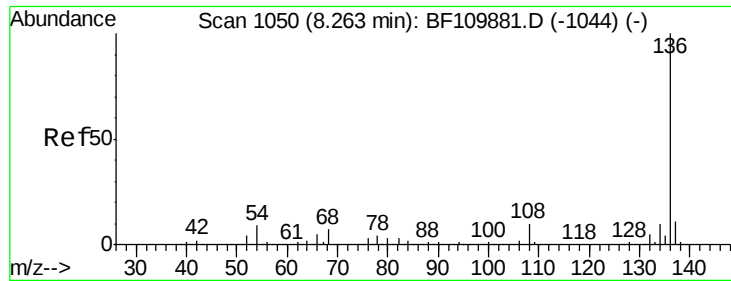
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#20
3+4-Methylphenols
Concen: 38.752 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.4	111.4
77	59.3	47.3	87.3
79	31.6	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

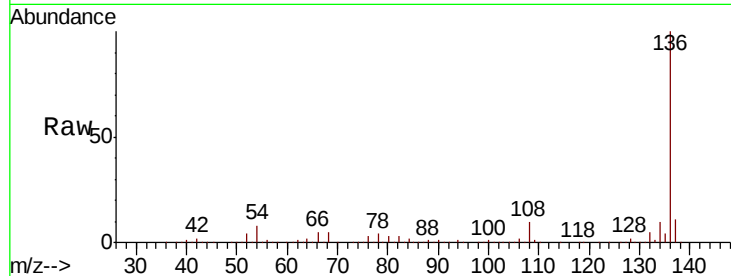
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	841367		
137	10.8		8.8	13.2
54	8.0		5.4	8.2
68	5.4		4.2	6.2

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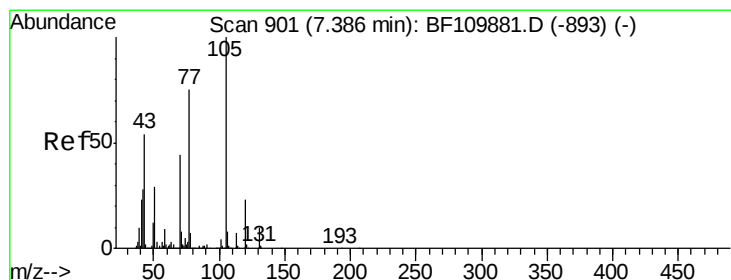
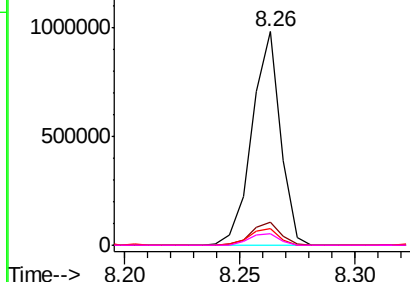
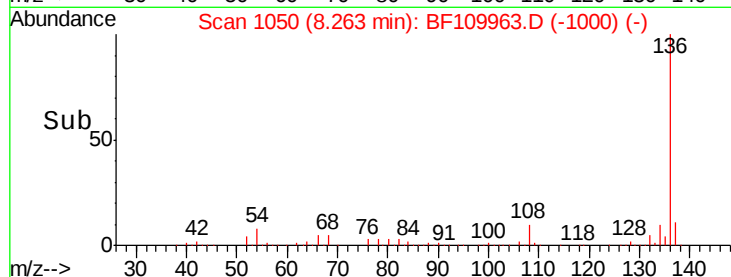


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.421 ng

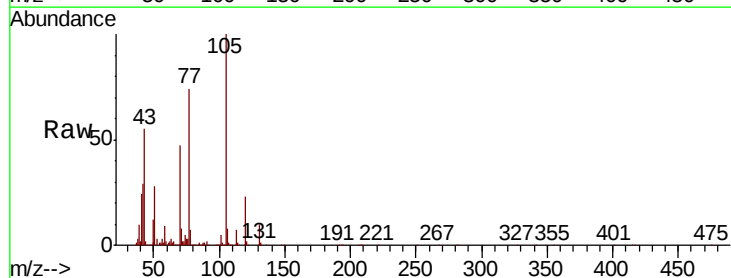
RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	749660		
71	7.8		5.2	7.8#
51	27.5		21.8	32.8
120	22.7		17.0	25.4

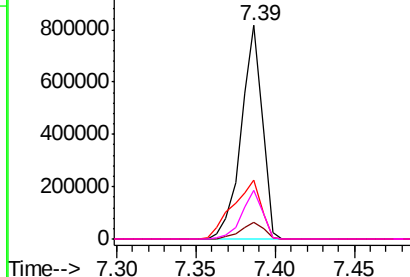
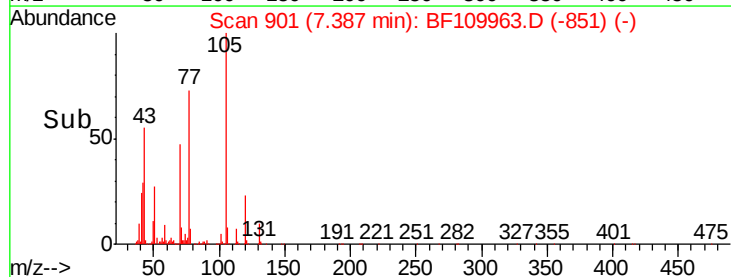


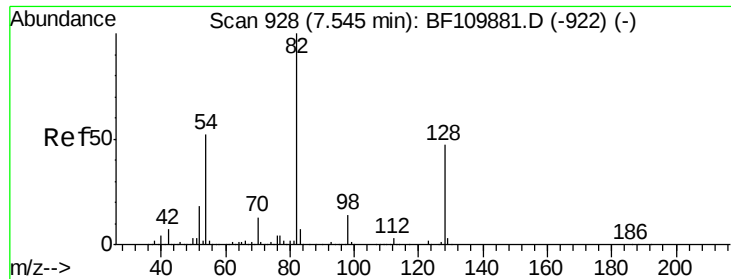
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





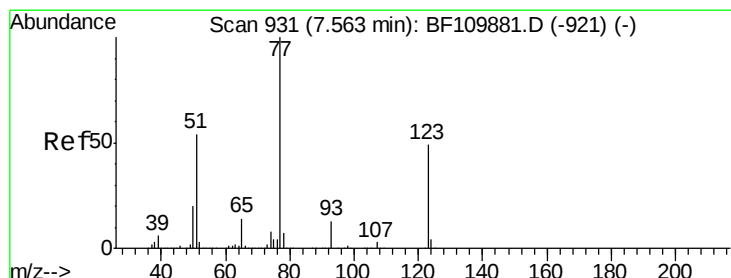
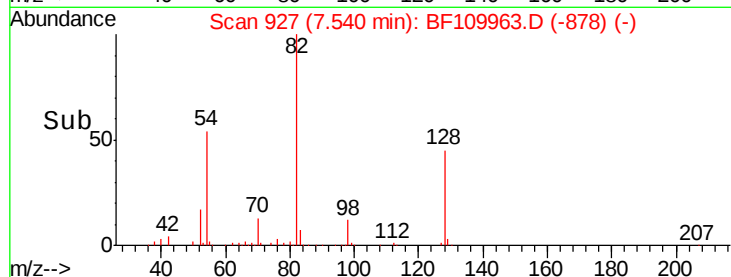
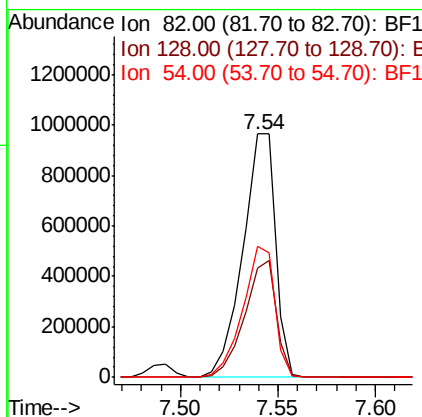
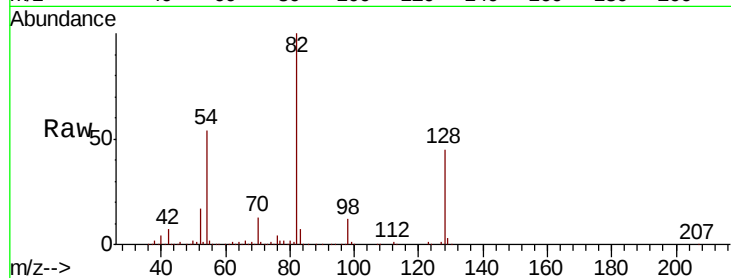
#23
 Nitrobenzene-d5
 Concen: 89.992 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.2	51.2
54	53.8	38.6	58.0

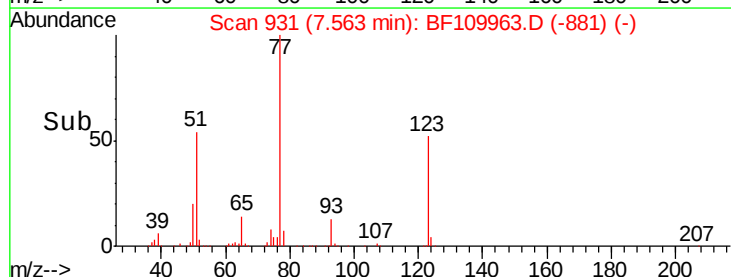
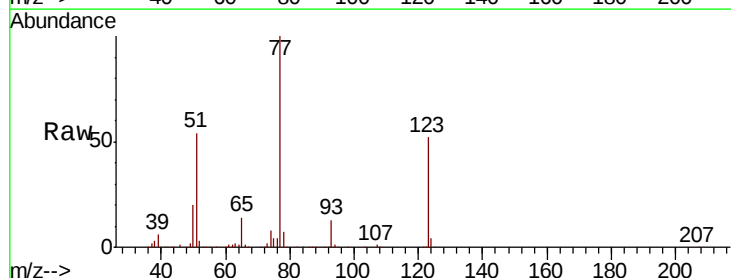
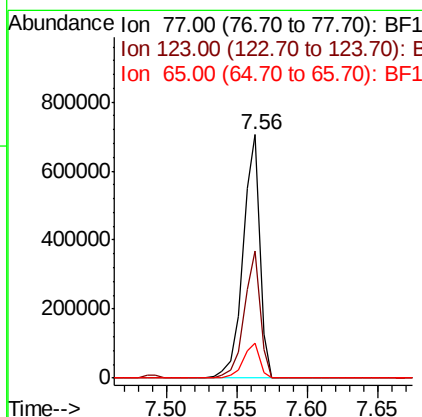
Manual Integrations
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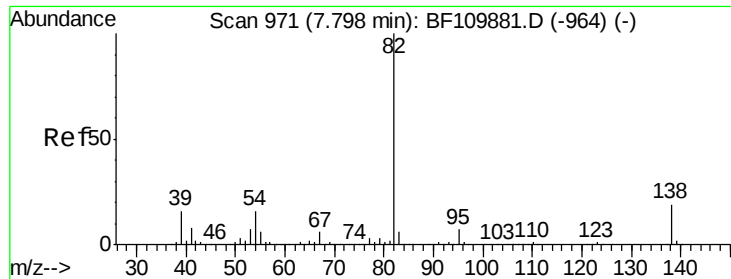
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#24
 Nitrobenzene
 Concen: 42.777 ng
 RT: 7.56 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	35.7	53.5
65	14.3	10.7	16.1





#25

Isophorone

Concen: 38.187 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

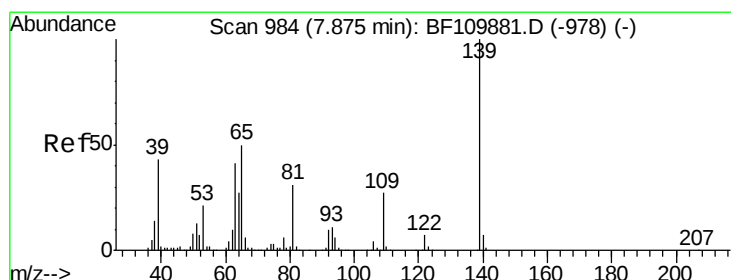
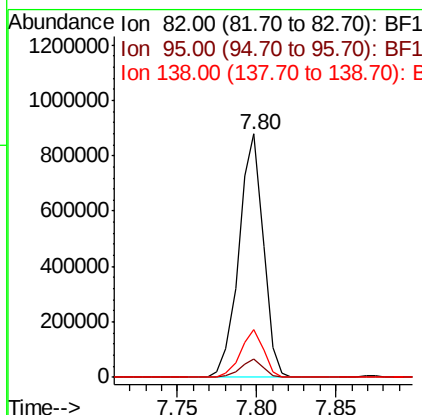
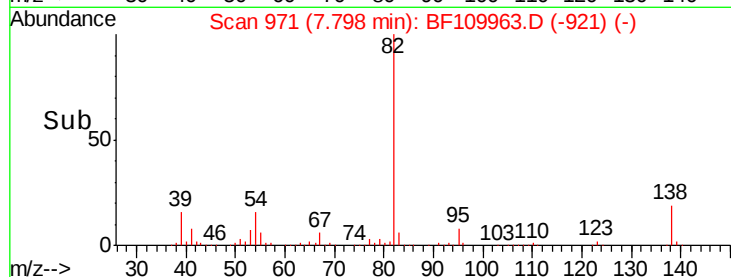
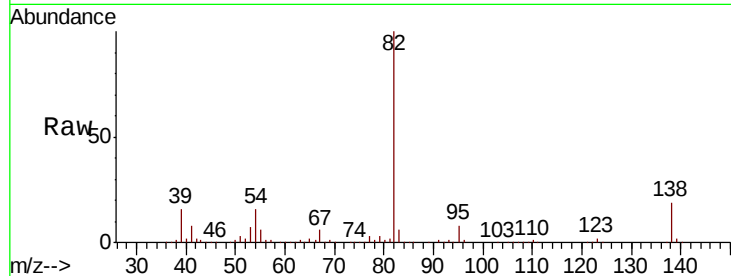
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	937164
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	19.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 53.834 ng

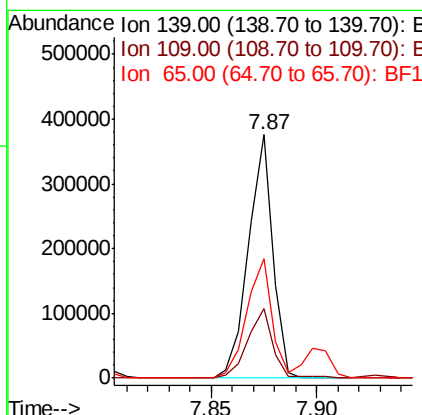
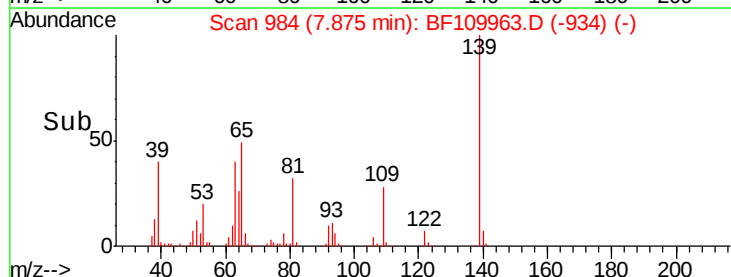
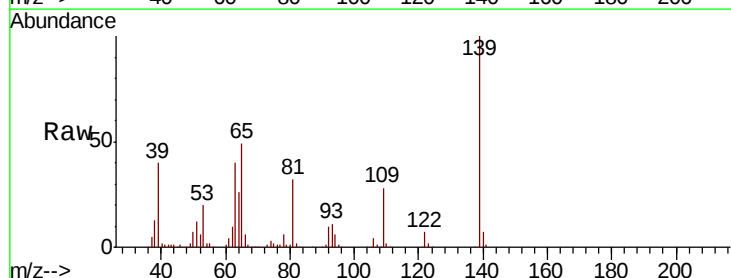
RT: 7.87 min Scan# 984

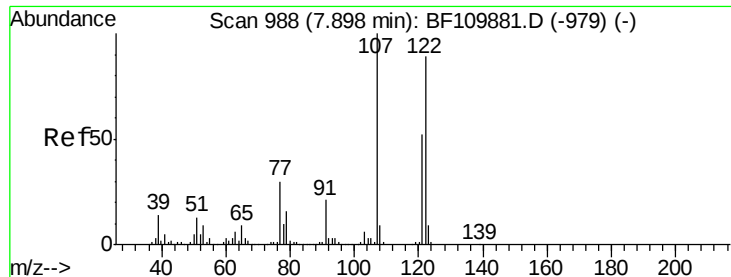
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	139	Resp:	302856
Ion Ratio	Lower	Upper	
139	100		
109	28.5	25.0	37.6
65	48.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 39.408 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

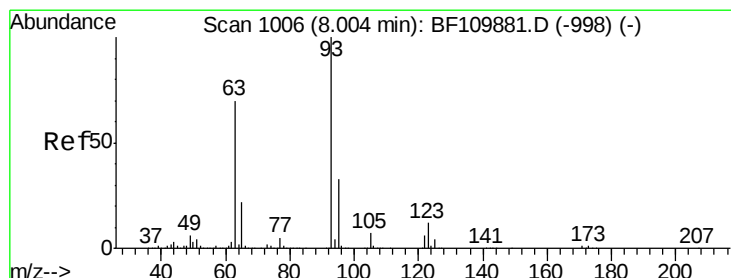
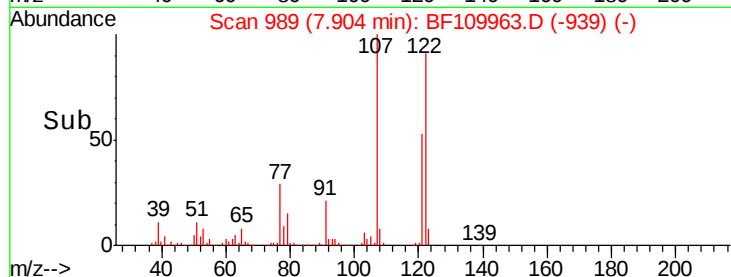
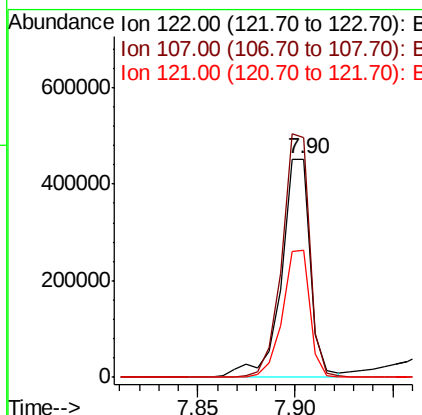
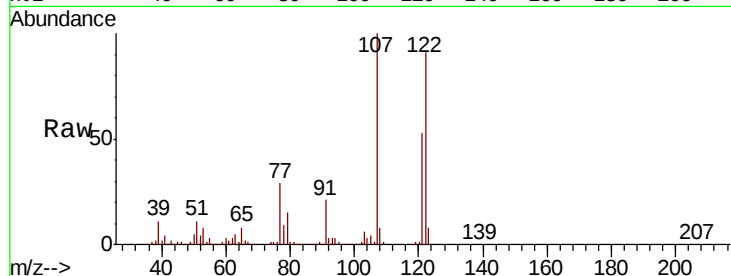
ClientSampleId :

SSTDCCC040EC

Tot Ion:	122	Resp:	465835
Ion Ratio	Lower	Upper	
122	100		
107	109.6	92.5	138.7
121	58.1	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.897 ng

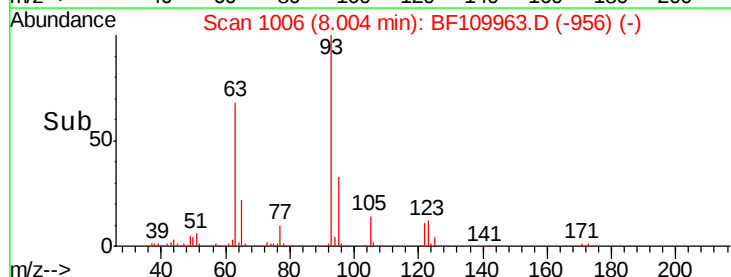
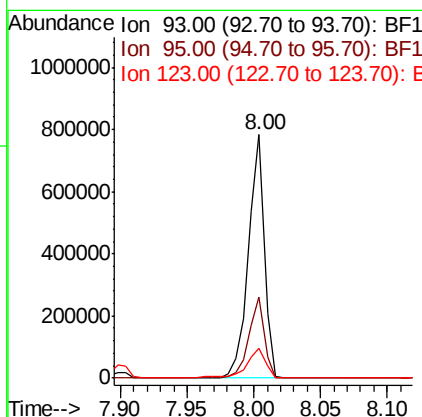
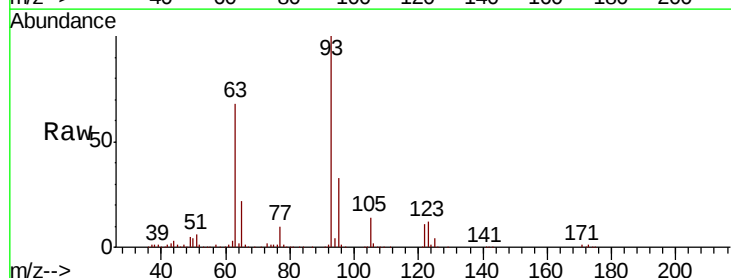
RT: 8.00 min Scan# 1006

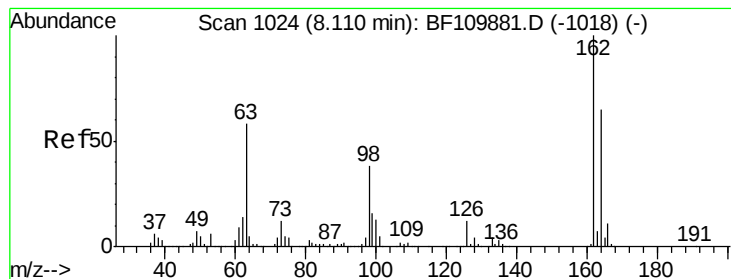
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	93	Resp:	638277
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.4	39.6
123	12.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 41.085 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

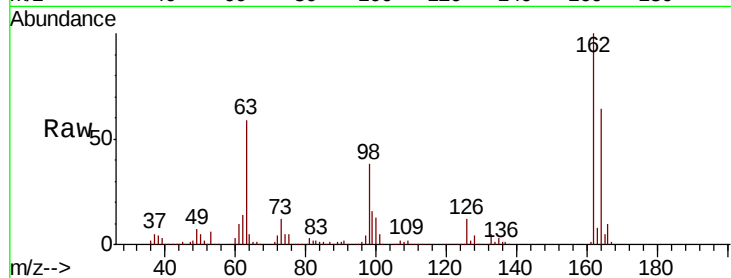
ClientSampleId :

SSTDCCC040EC

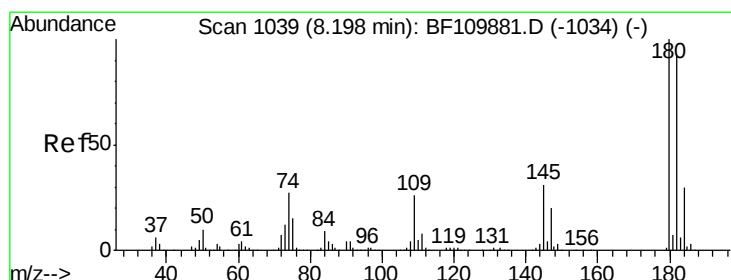
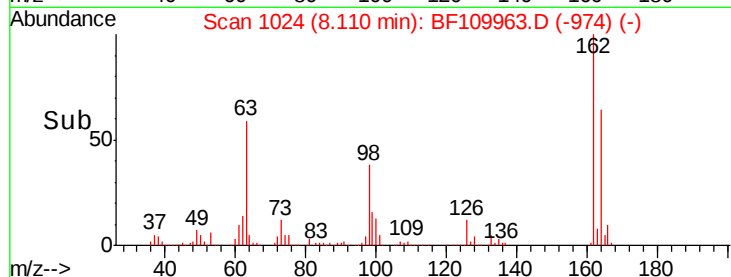
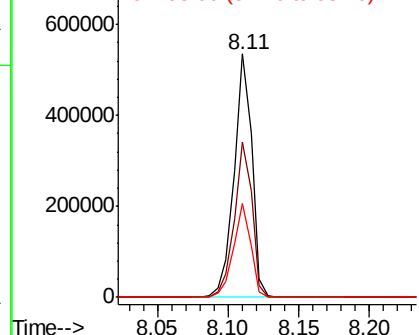
Tot Ion:	162	Resp:	471134
Ion Ratio	Lower	Upper	
162	100		
164	63.9	44.6	84.6
98	38.5	17.4	57.4

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.508 ng

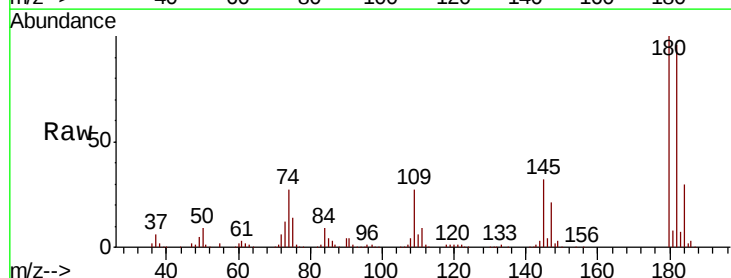
RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

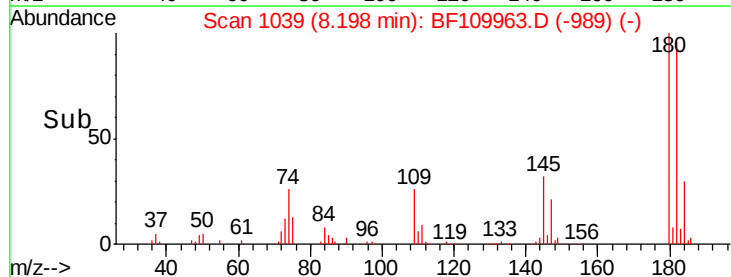
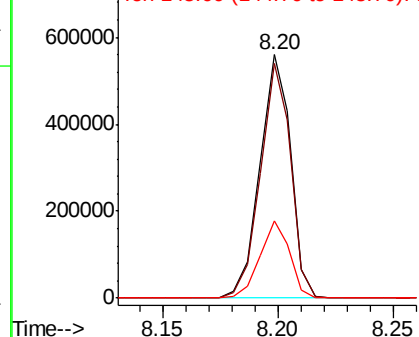
Lab File: BF109963.D

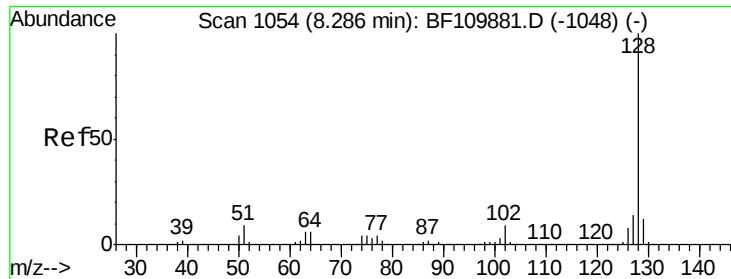
Acq: 18 Oct 2018 17:14

Tgt Ion:	180	Resp:	520102
Ion Ratio	Lower	Upper	
180	100		
182	96.1	80.3	120.5
145	31.8	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.814 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1497517

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

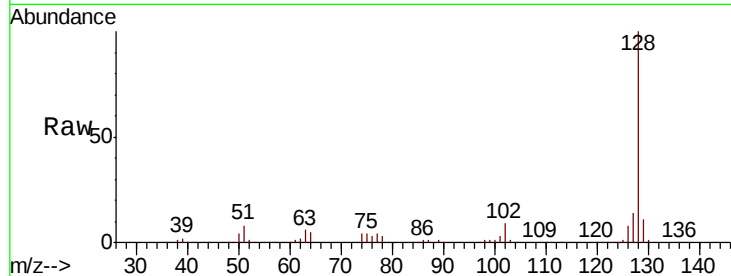
127 13.6 10.8 16.2

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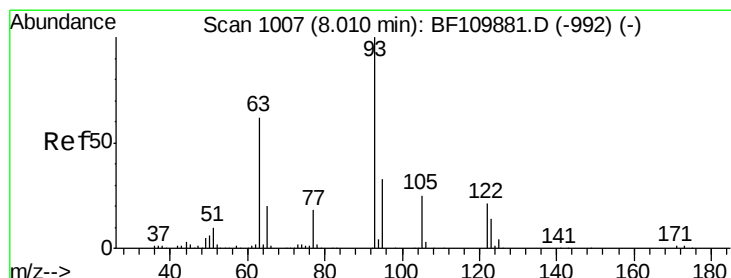
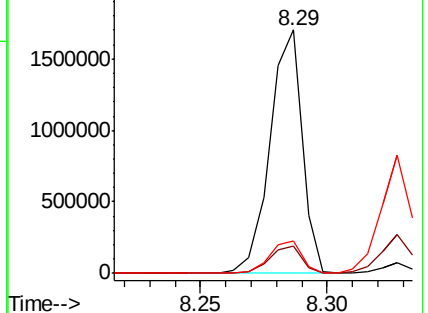
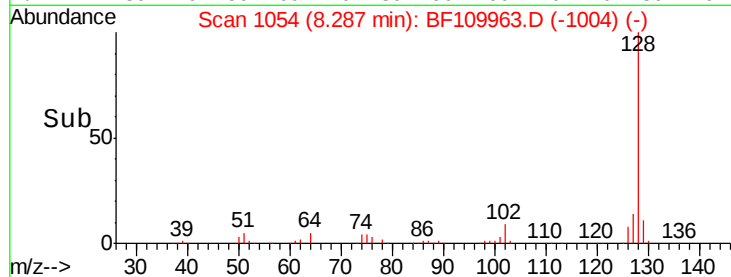
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.015 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

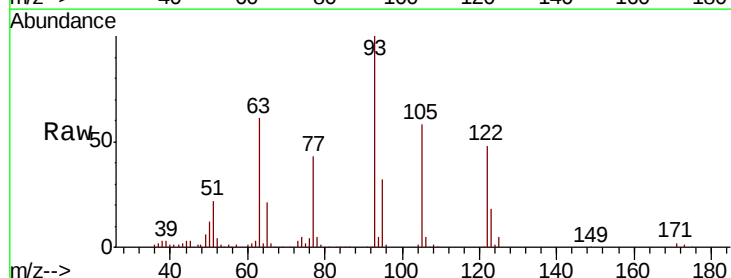
Tgt Ion:122 Resp: 265253

Ion Ratio Lower Upper

122 100

105 119.8 109.0 149.0

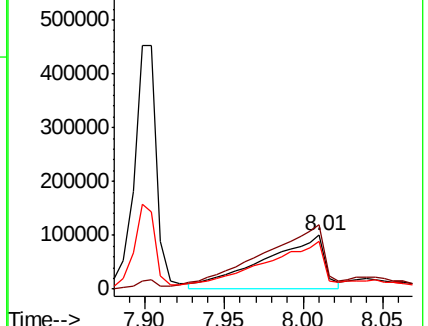
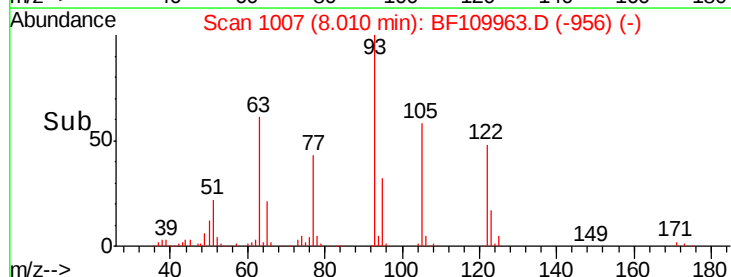
77 89.0 79.0 119.0

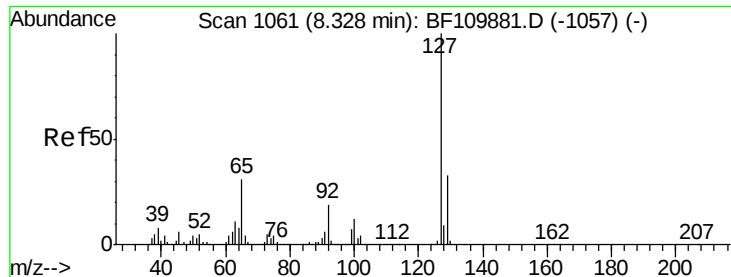


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





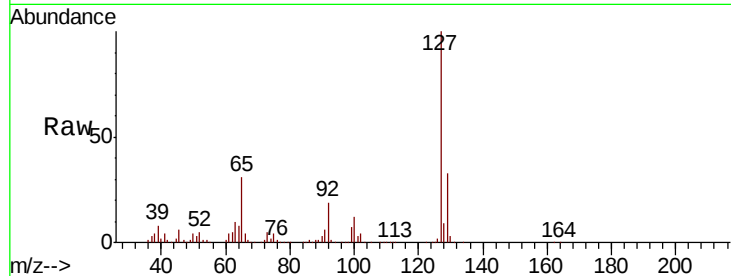
#33
4-Chloroaniline
Concen: 39.316 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		681873		
129	32.9	26.0	39.0		
65	30.8	25.1	37.7		
92	18.9	15.0	22.6		

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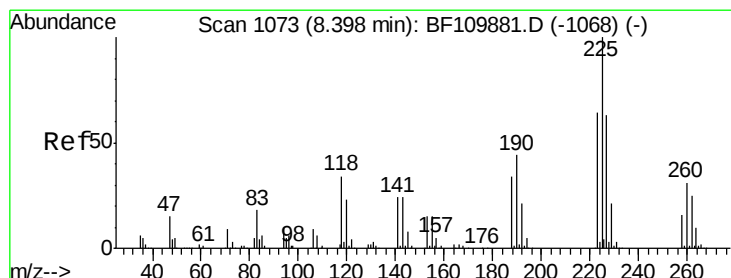
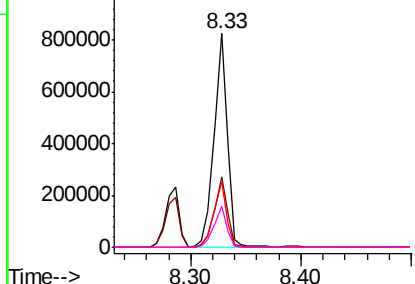
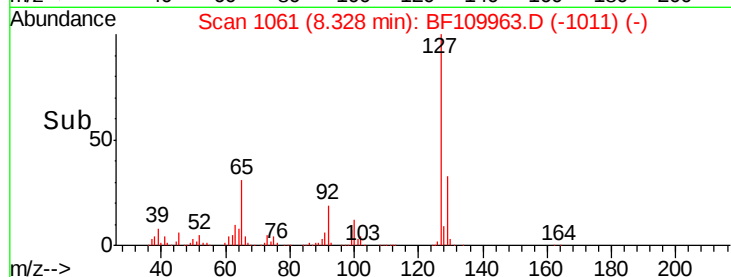
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

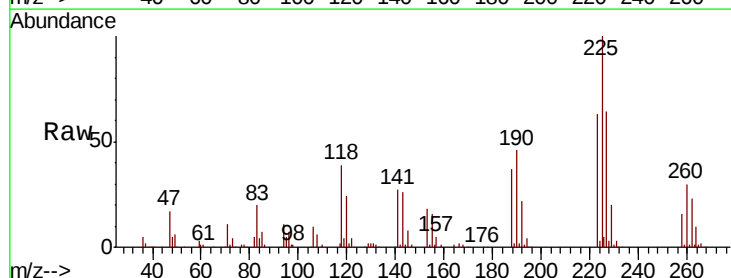
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.634 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		287699		
223	62.7	51.4	77.2		
227	64.5	51.0	76.6		

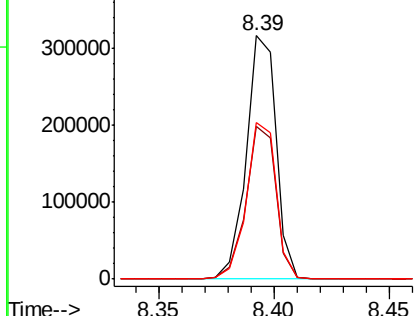
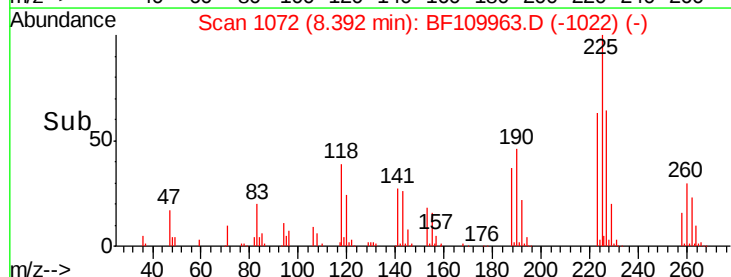


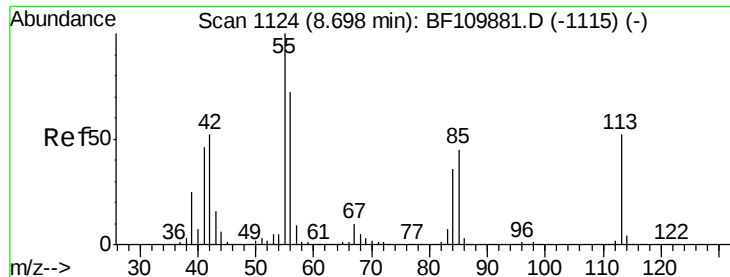
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





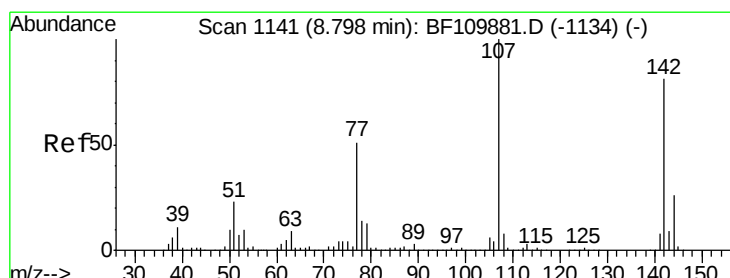
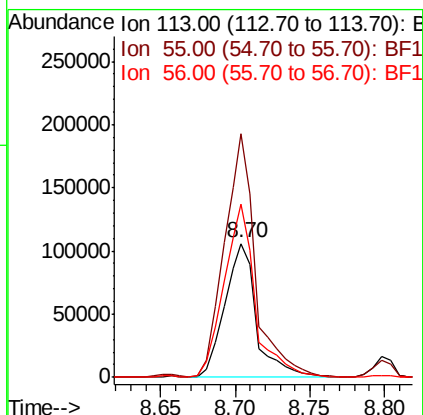
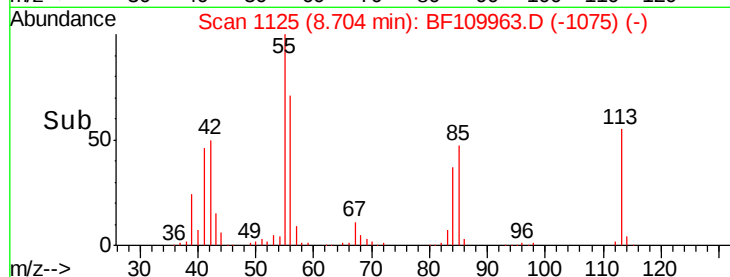
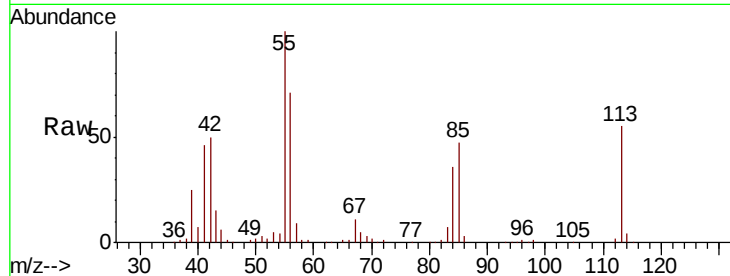
#35
Caprolactam
Concen: 38.782 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.5	142.8	182.8
56	128.9	105.0	145.0

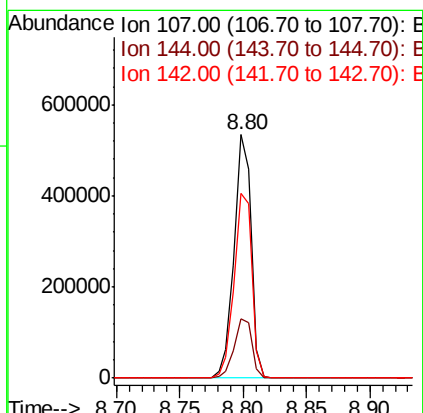
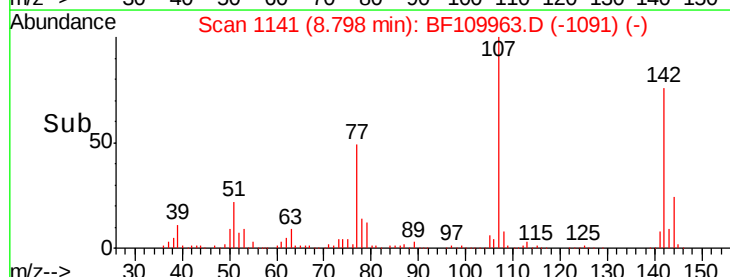
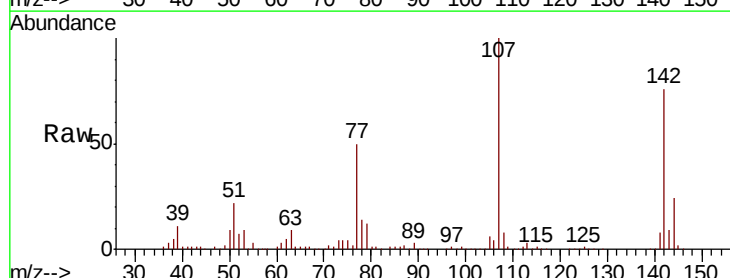
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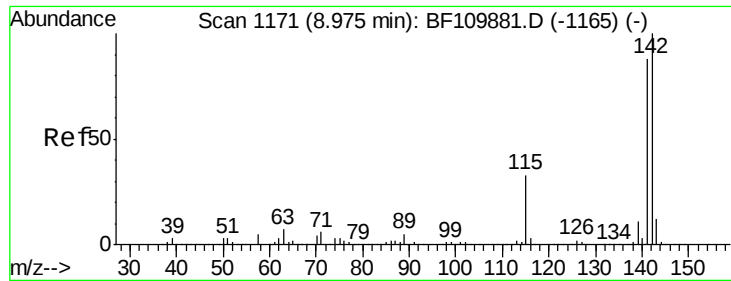
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#36
4-Chloro-3-methylphenol
Concen: 40.573 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.0	30.0
142	76.1	59.7	89.5





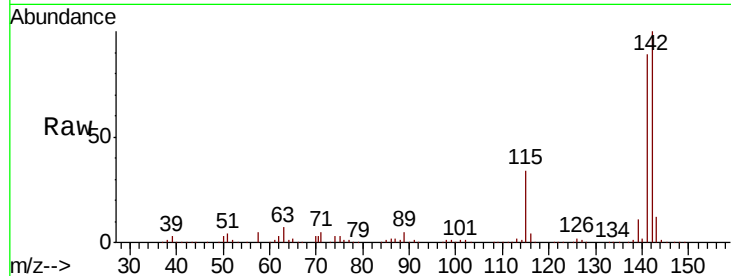
#37
2-Methylnaphthalene
Concen: 39.337 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	33.8	28.7	43.1

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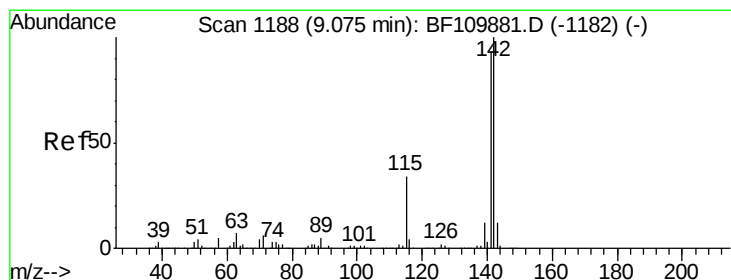
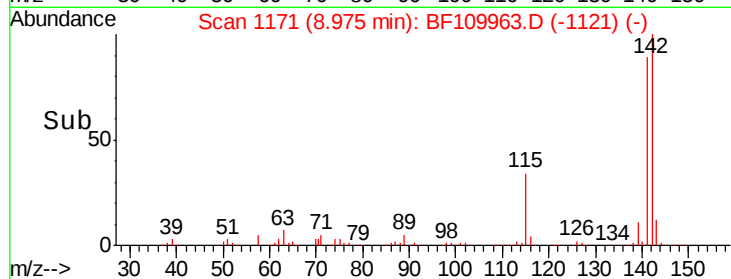
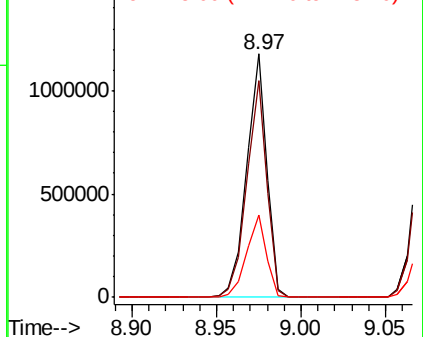


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.229 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

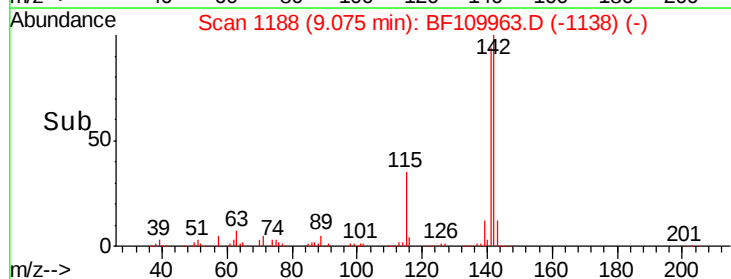
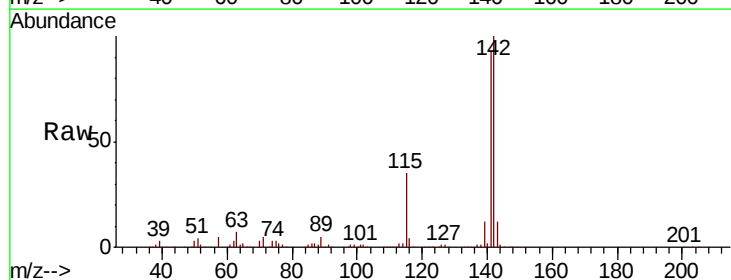
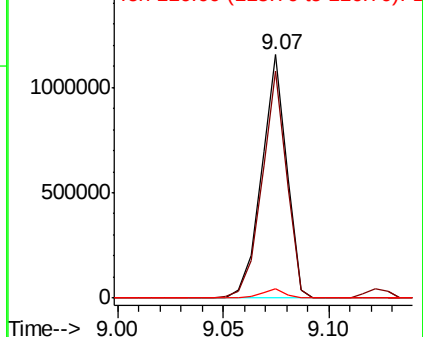
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.7	2.6	4.0

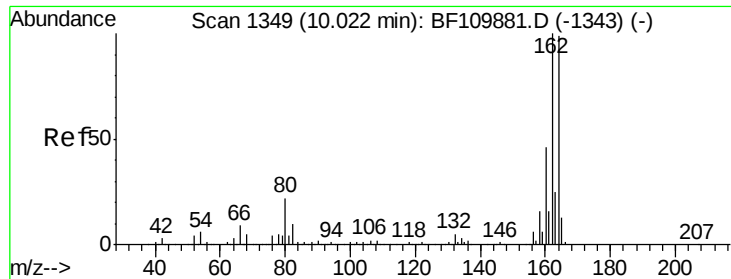
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





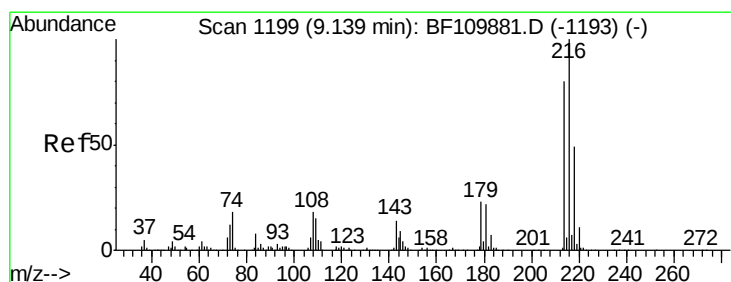
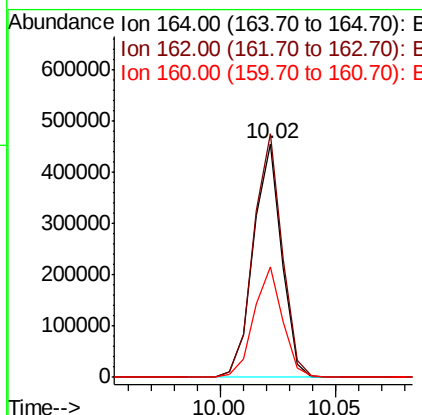
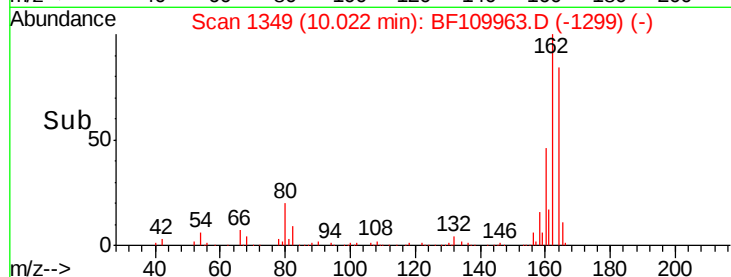
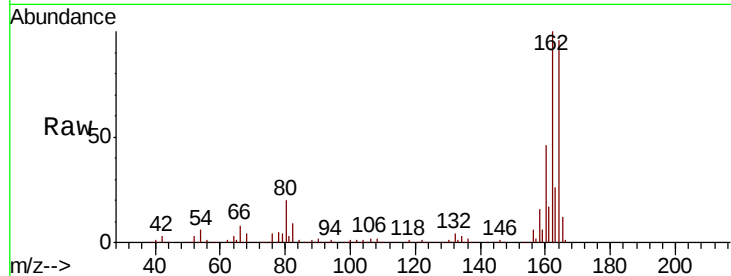
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	47.5	37.0	55.6

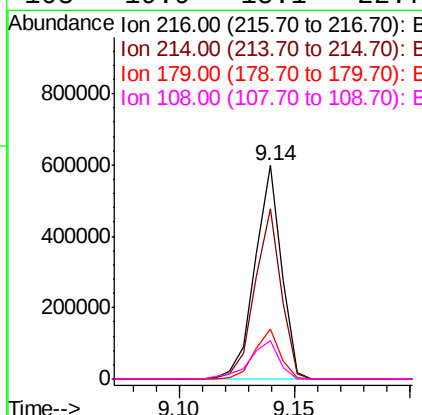
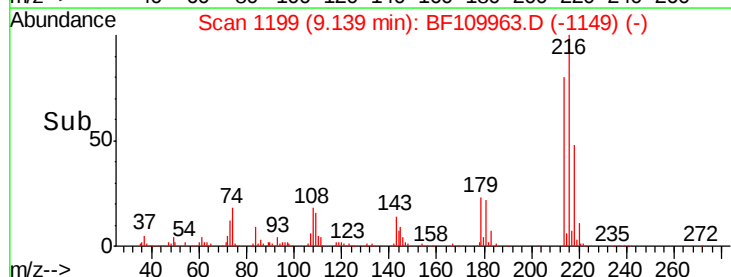
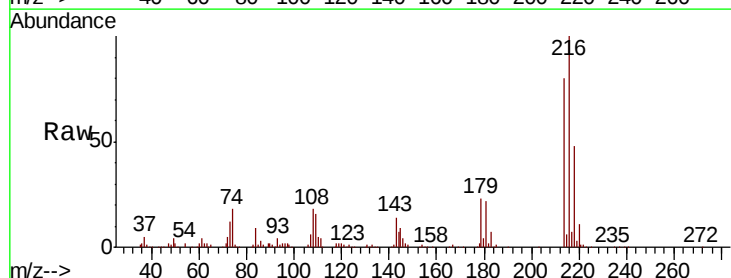
Manual Integrations
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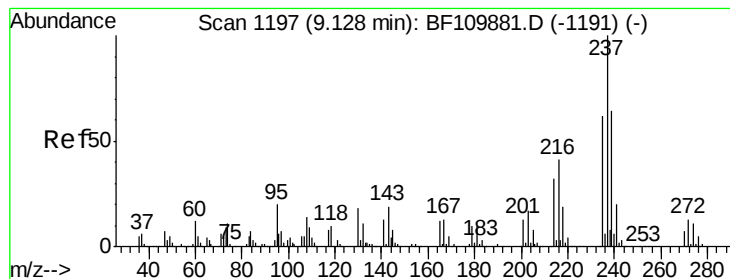
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.910 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.6
179	22.7	16.6	25.0
108	19.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 44.896 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

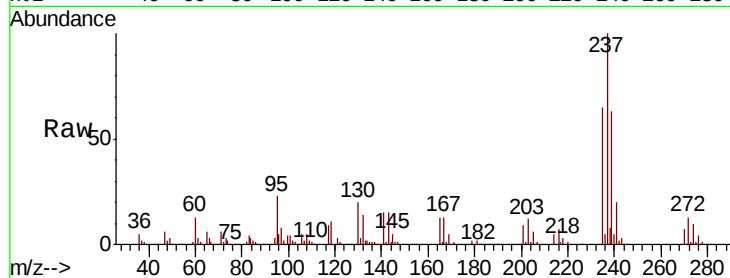
ClientSampleId :

SSTDCCC040EC

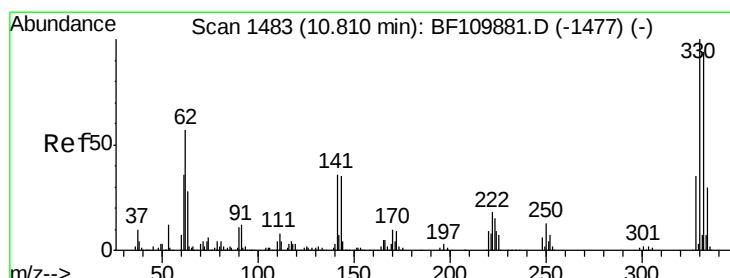
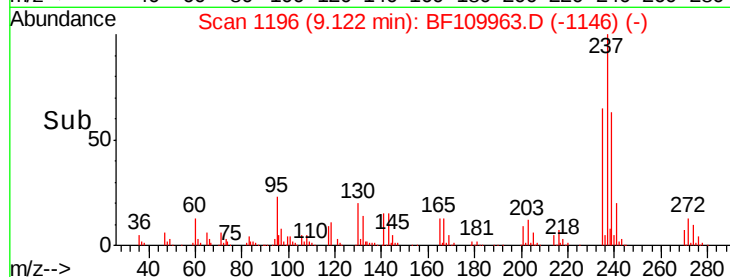
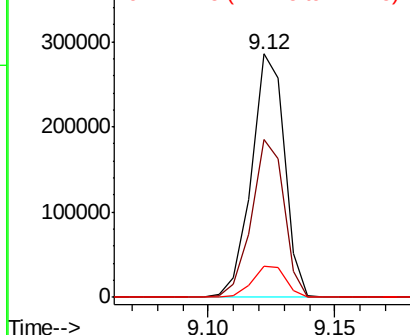
Tot Ion:	237	Resp:	260124
Ion Ratio	Lower	Upper	
237	100		
235	64.8	43.1	83.1
272	12.8	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 90.596 ng

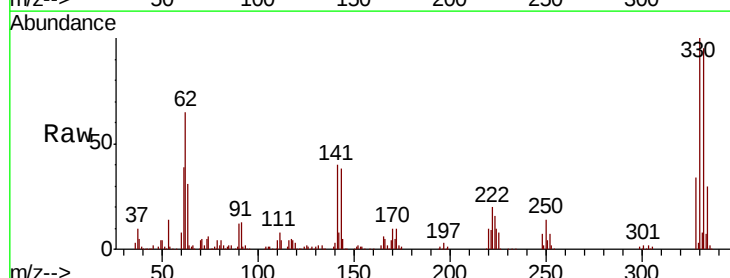
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

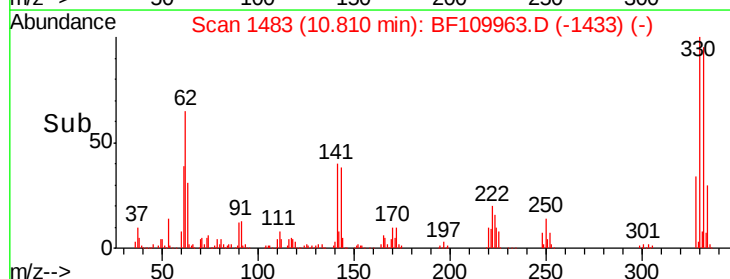
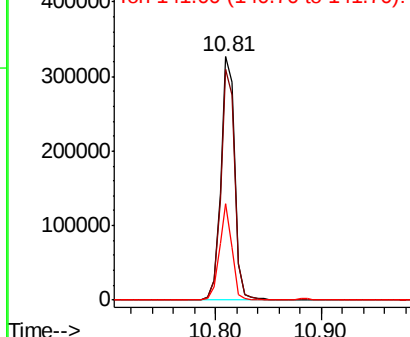
Lab File: BF109963.D

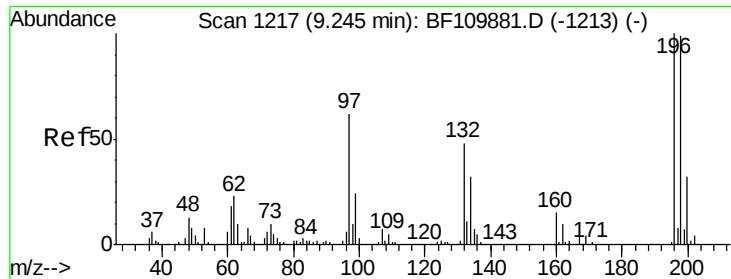
Acq: 18 Oct 2018 17:14

Tgt Ion:	330	Resp:	305689
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.1	115.7
141	35.8	27.0	40.4



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





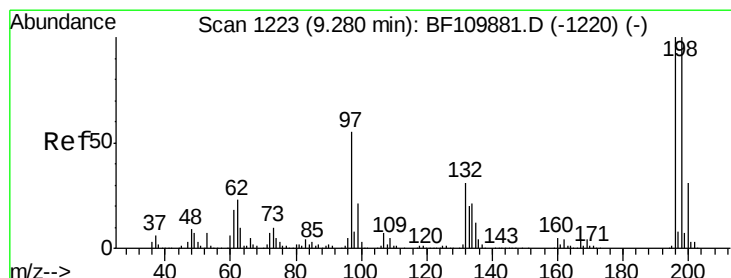
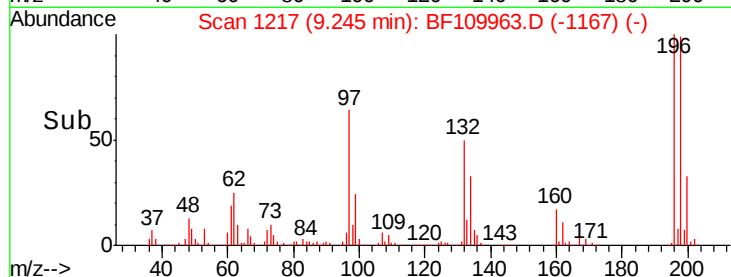
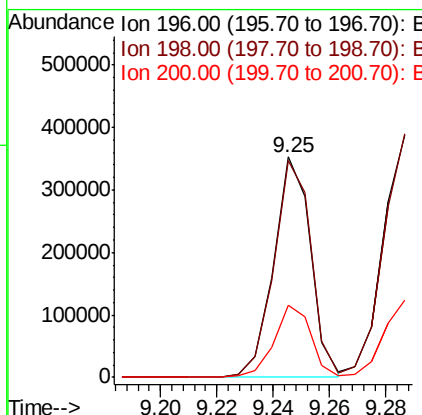
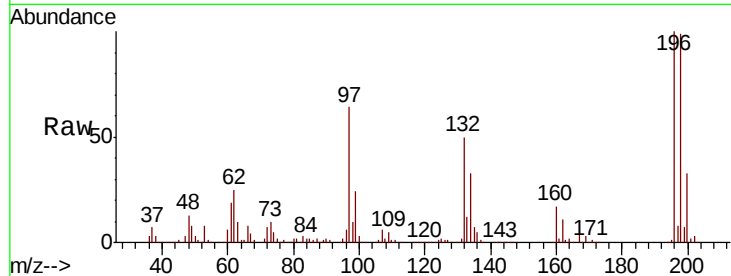
#43
 2,4,6-Trichlorophenol
 Concen: 42.530 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	319230		
198	98.7	76.2	114.4	
200	32.6	24.4	36.6	

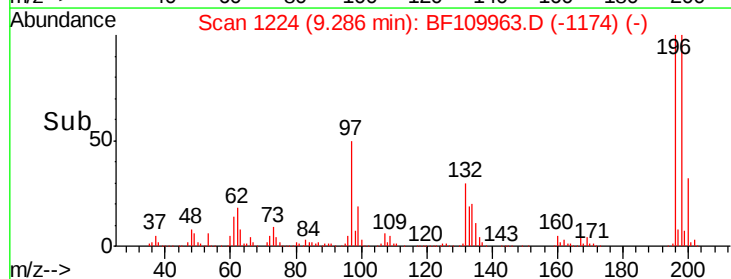
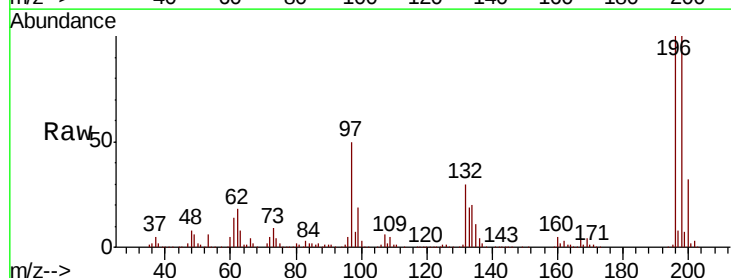
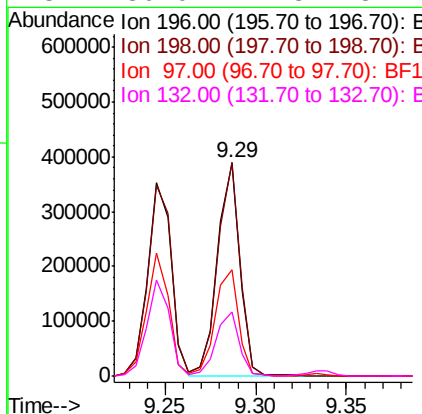
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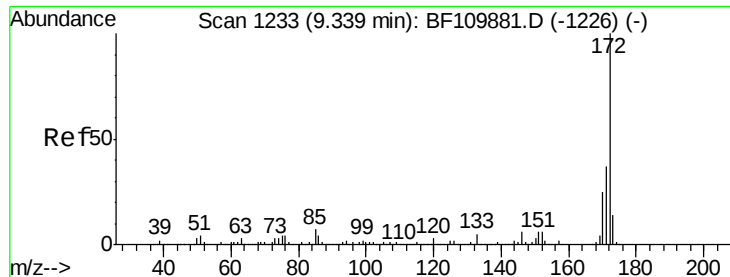
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#44
 2,4,5-Trichlorophenol
 Concen: 42.725 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332846		
198	100.4	75.8	113.6	
97	50.1	42.4	63.6	
132	30.0	22.8	34.2	





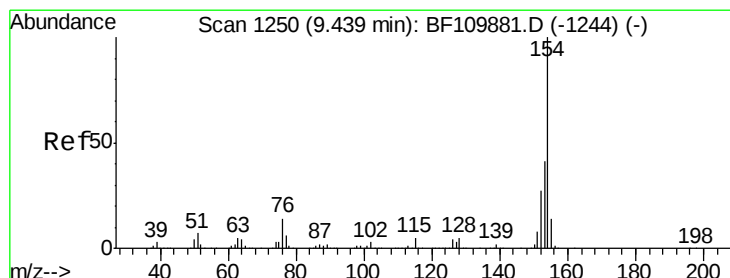
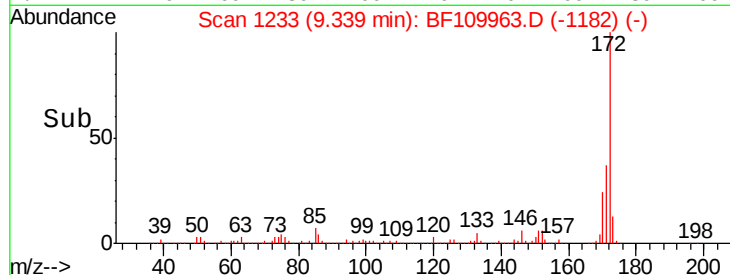
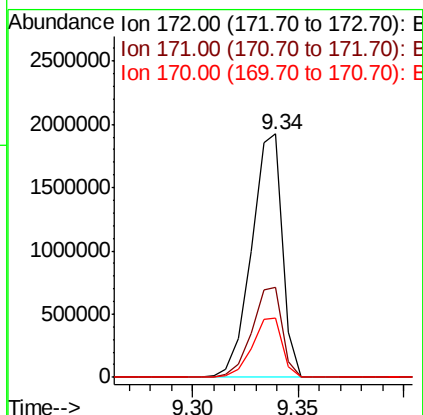
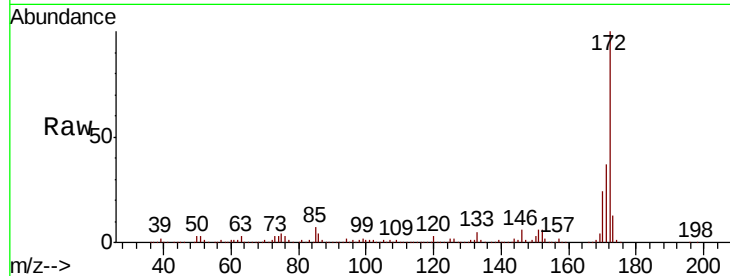
#45
2-Fluorobiphenyl
Concen: 79.822 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.4	19.7	29.5

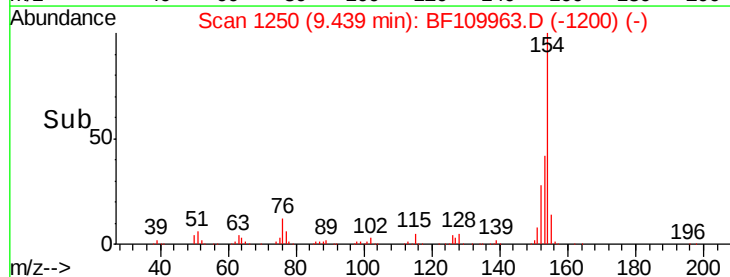
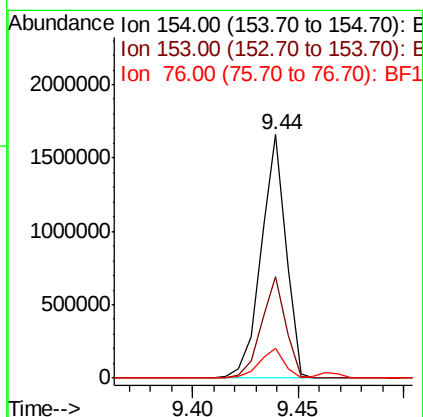
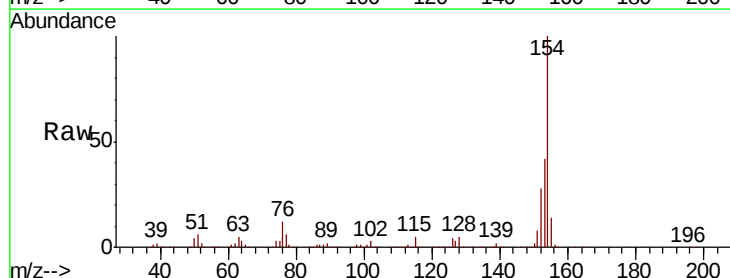
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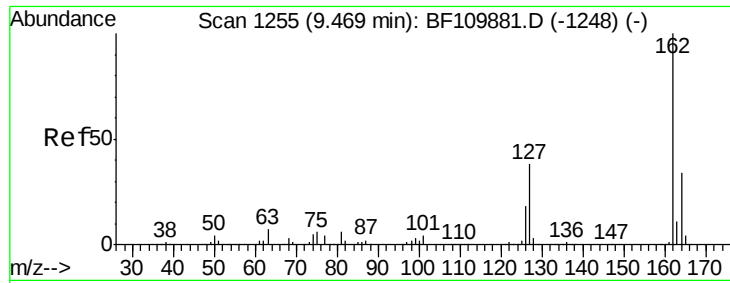
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#46
1,1'-Biphenyl
Concen: 39.066 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.4	60.4
76	12.3	0.0	31.9





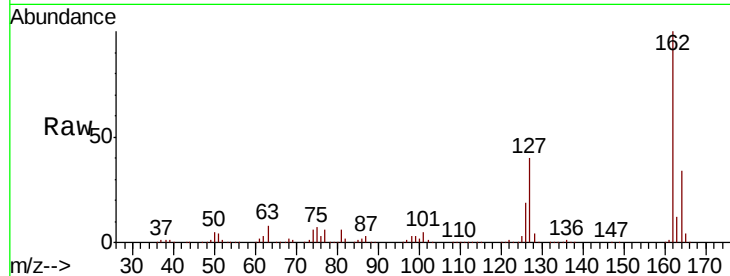
#47
2-Chloronaphthalene
Concen: 39.328 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

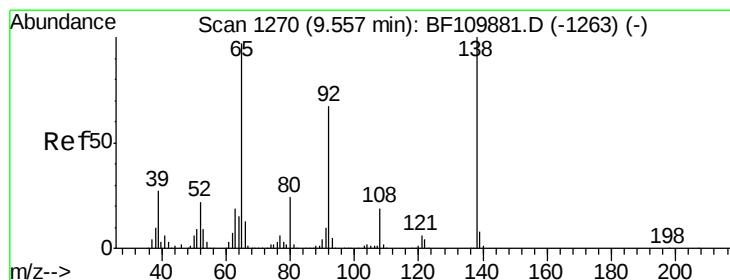
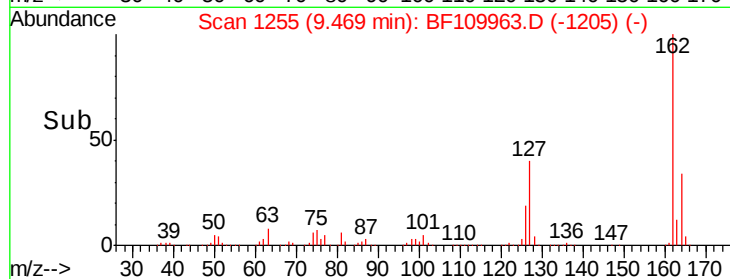
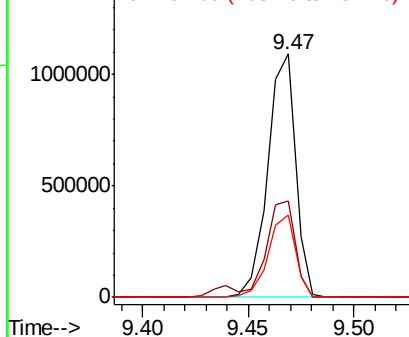
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	33.8	25.9	38.9

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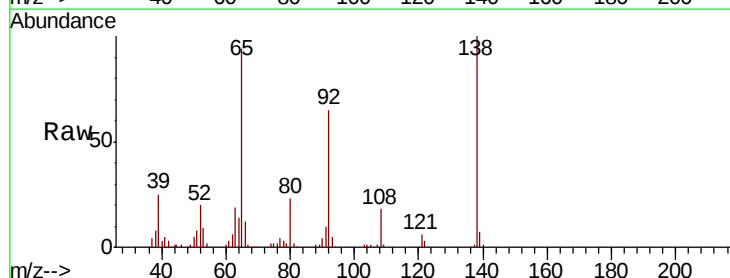


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

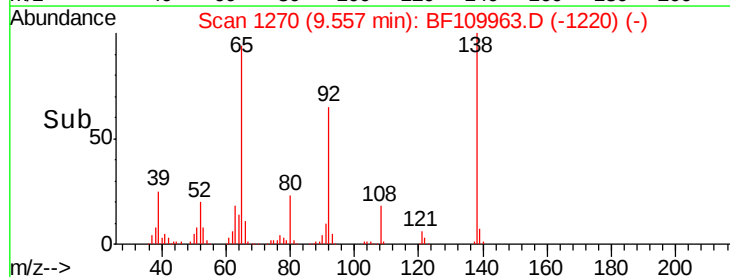
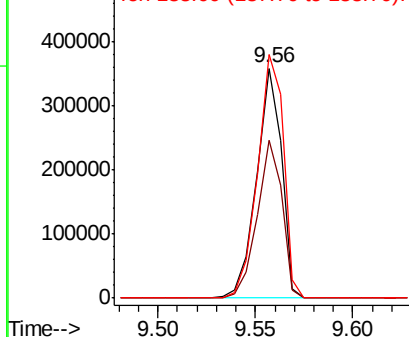


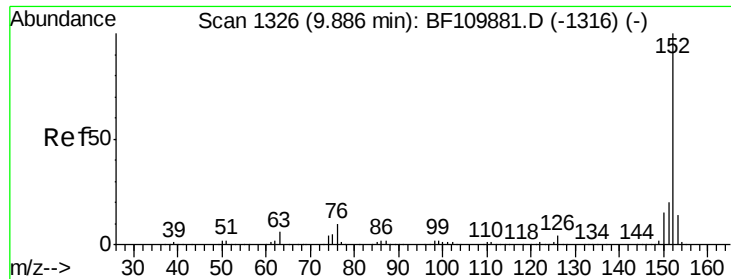
#48
2-Nitroaniline
Concen: 48.458 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.6	81.8
138	106.0	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.103 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 1452954

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

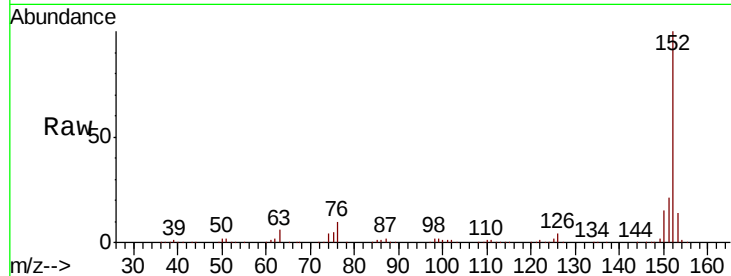
153 13.8 10.4 15.6

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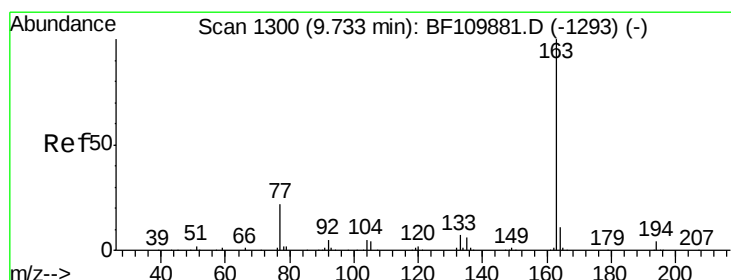
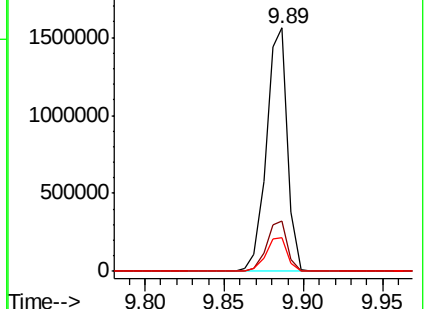
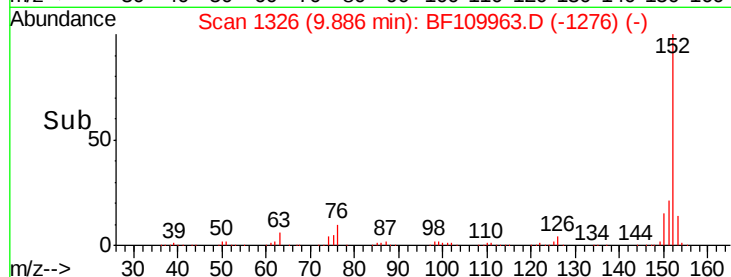
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.665 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

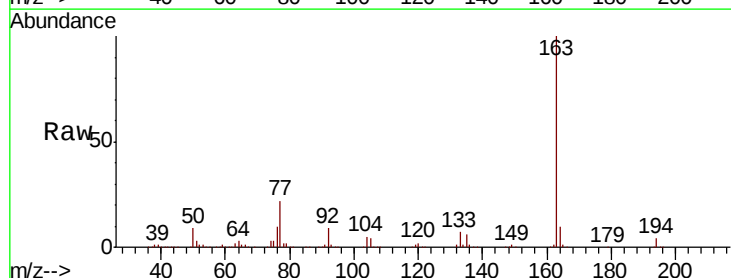
Tgt Ion:163 Resp: 1094616

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

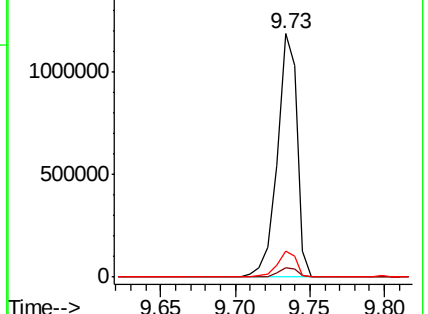
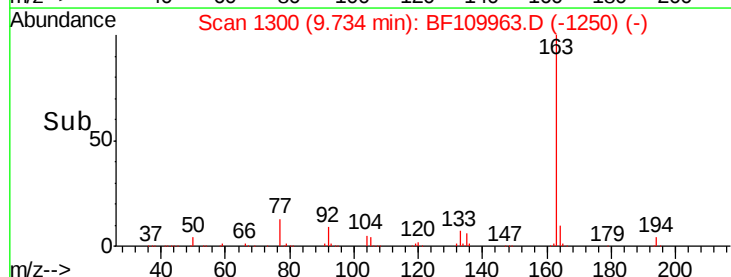
164 10.5 8.1 12.1

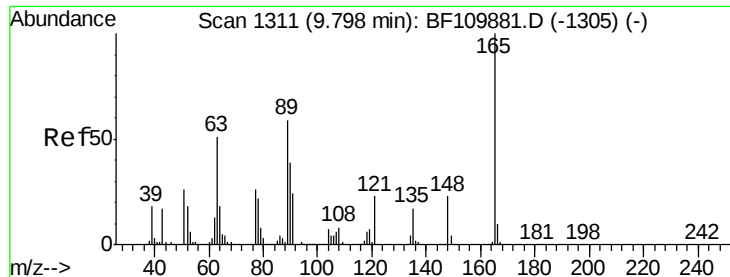


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.089 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

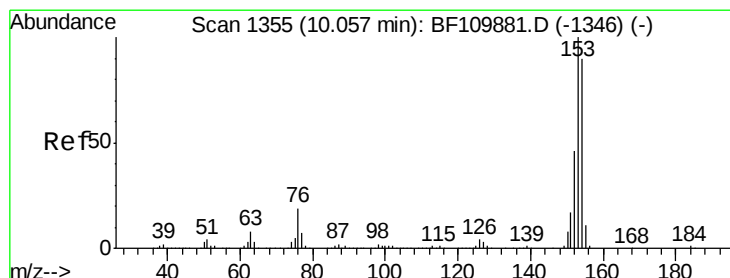
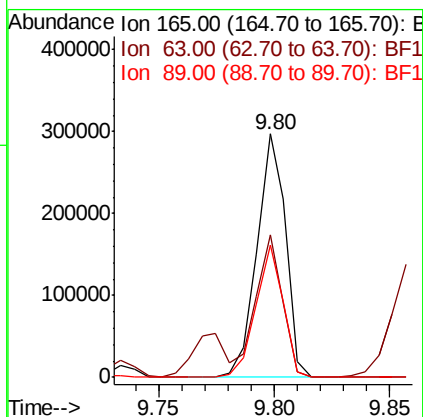
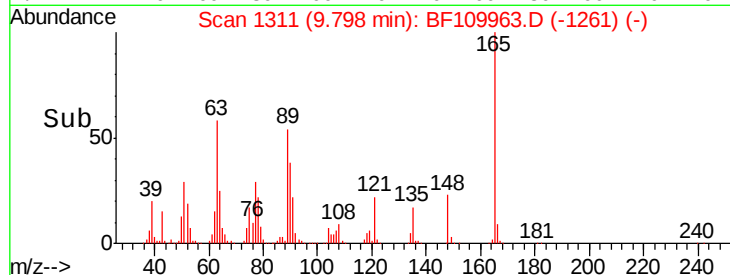
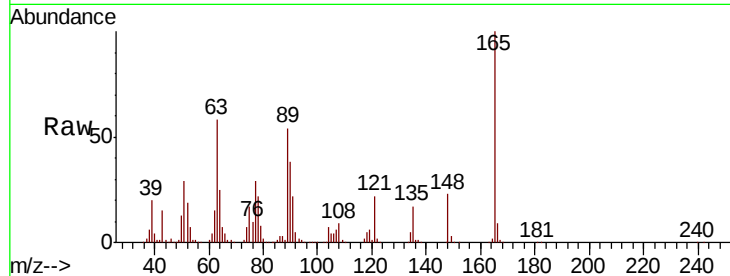
ClientSampleId :

SSTDCCC040EC

Tot Ion:	165	Resp:	257301
Ion Ratio	Lower	Upper	
165	100		
63	58.3	48.9	73.3
89	54.4	46.6	69.8

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#52

Acenaphthene

Concen: 40.471 ng

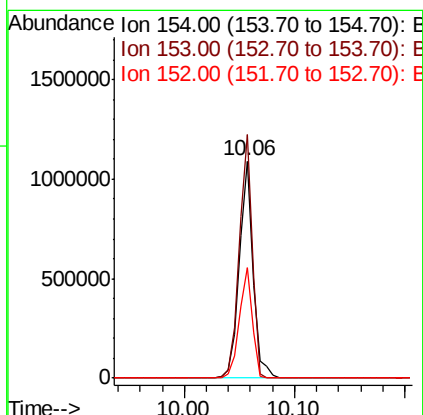
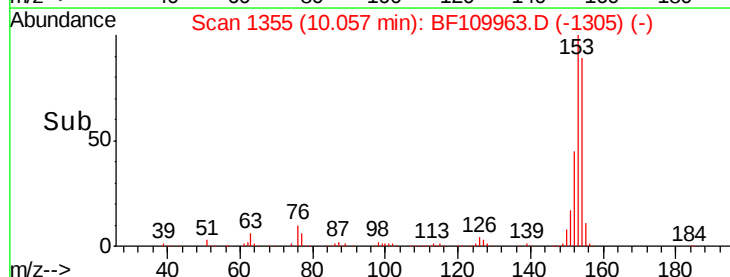
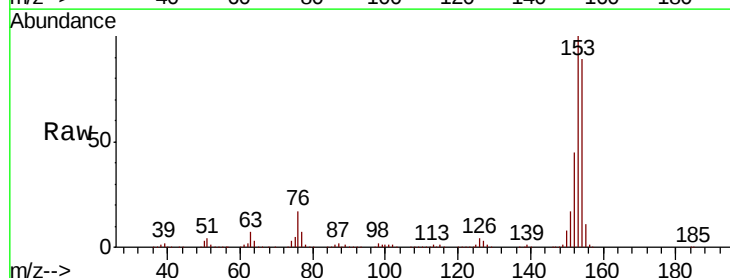
RT: 10.06 min Scan# 1355

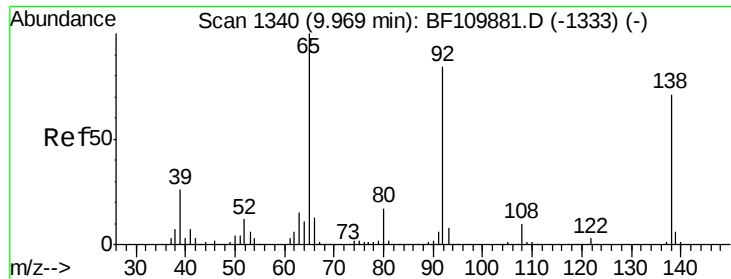
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	154	Resp:	957386
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.1	135.1
152	51.0	43.4	65.2





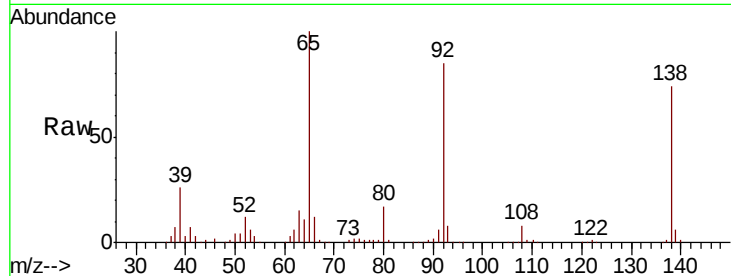
#53
3-Nitroaniline
Concen: 46.472 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	114.1	97.0	145.4

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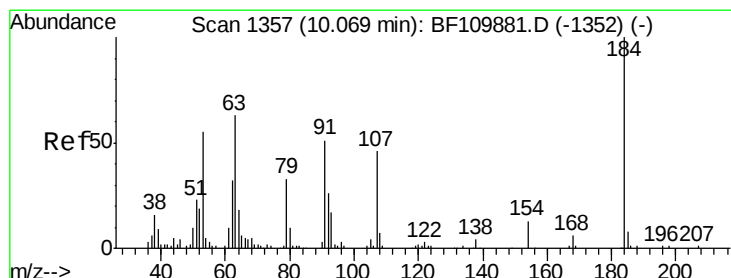
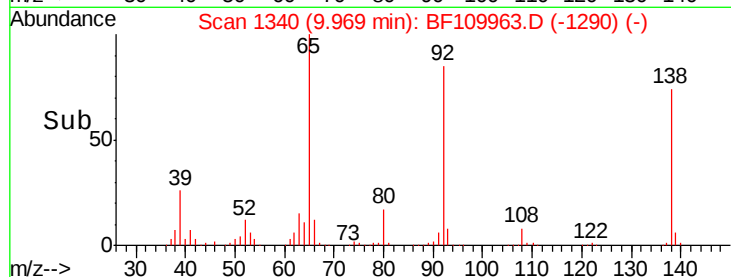
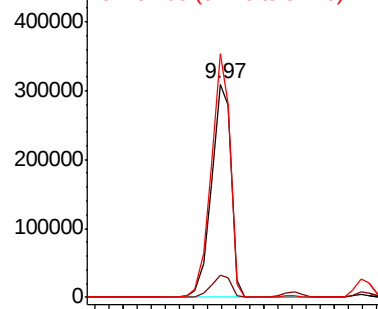


Abundance

Ion 138.00 (137.70 to 138.70): E

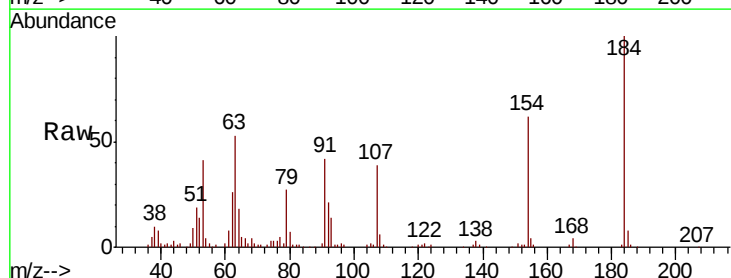
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 55.369 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	55.8	83.6#
154	62.3	63.2	94.8#

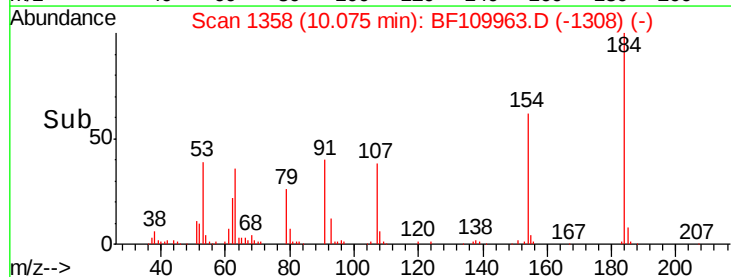
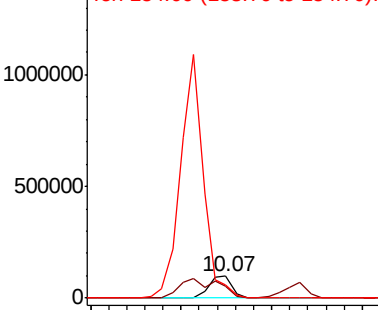


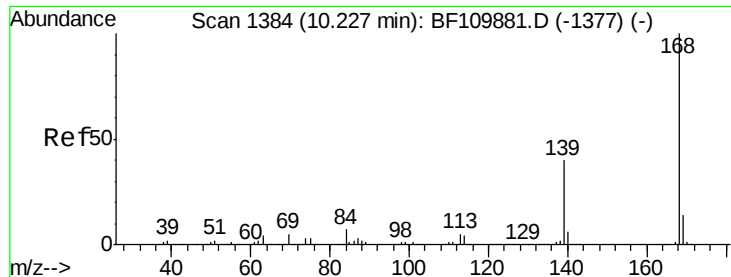
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





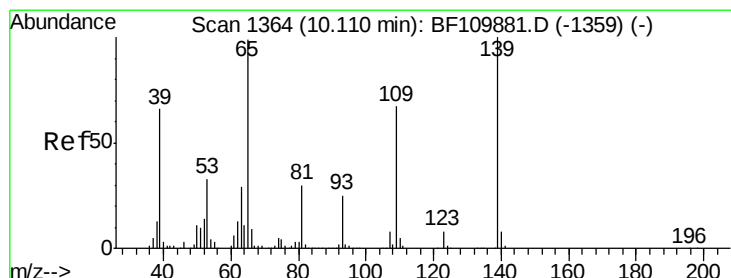
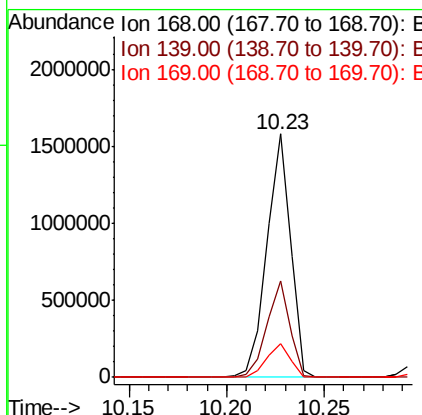
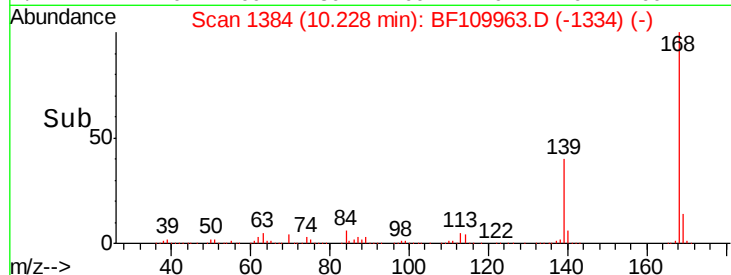
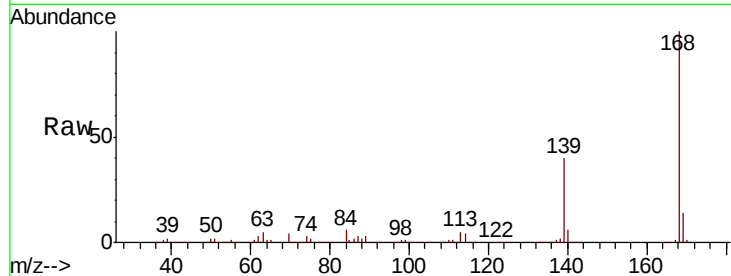
#55
Dibenzenofuran
Concen: 39.457 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
1331162	168	100		
	139	39.8	33.0	49.6
	169	13.8	11.3	16.9

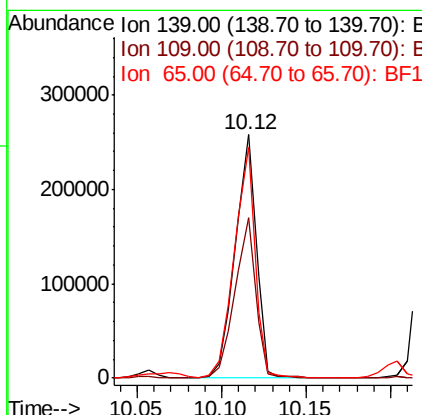
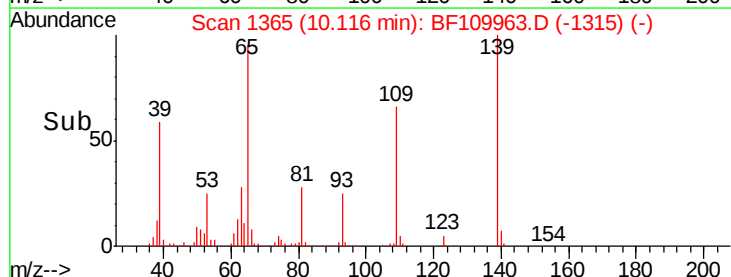
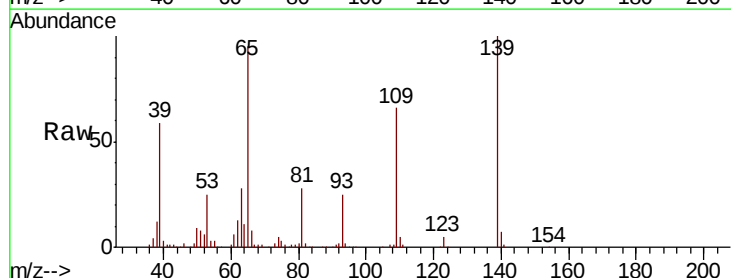
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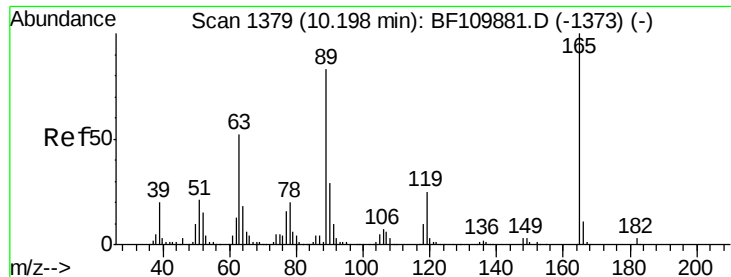
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#56
4-Nitrophenol
Concen: 46.193 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ion	Ratio	Lower	Upper
224732	139	100		
	109	65.7	55.8	95.8
	65	94.6	77.9	117.9





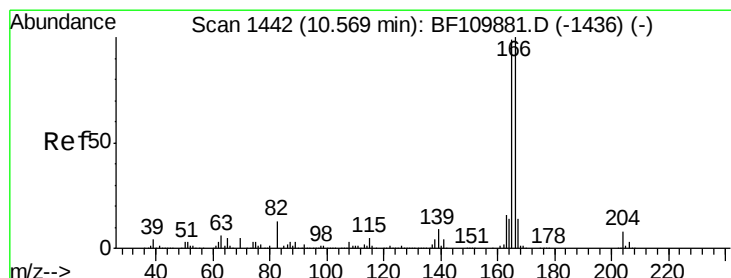
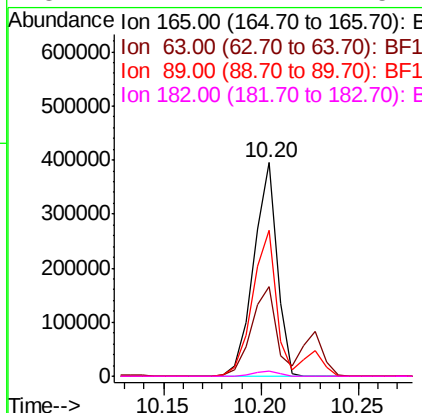
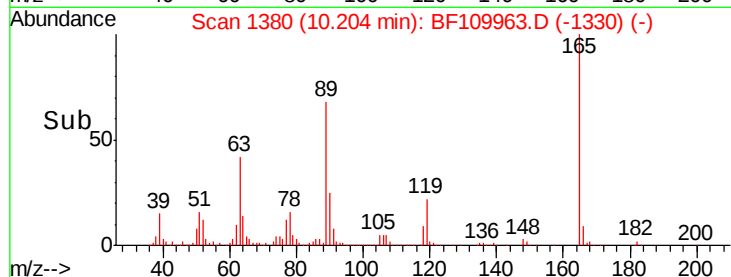
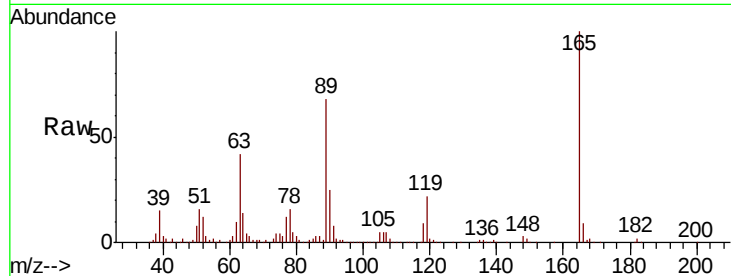
#57
2,4-Dinitrotoluene
Concen: 49.381 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	327920		
63	42.1		44.8	67.2#
89	68.2		62.2	93.4
182	2.4		2.1	3.1

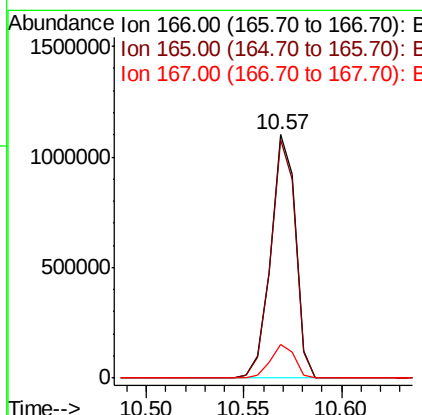
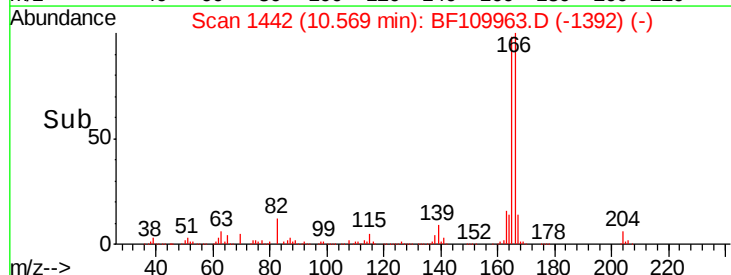
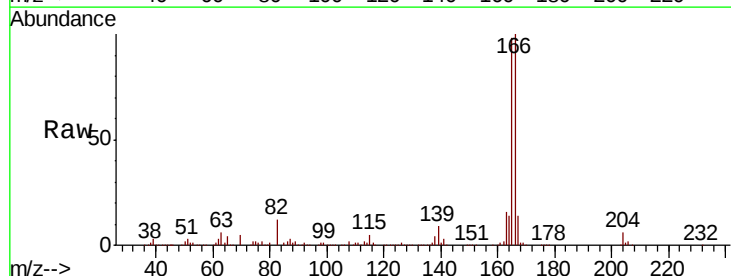
Manual Integrations
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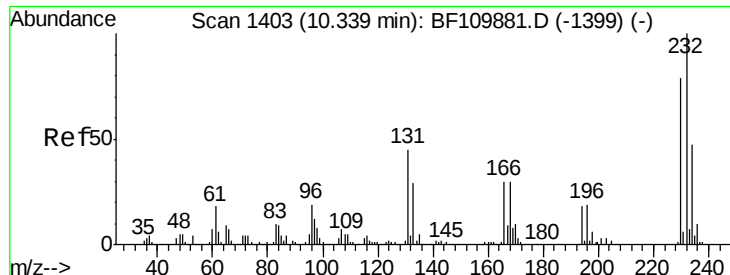
Sohil
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#58
Fluorene
Concen: 39.472 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	969376		
165	98.0		78.6	117.8
167	13.6		10.8	16.2





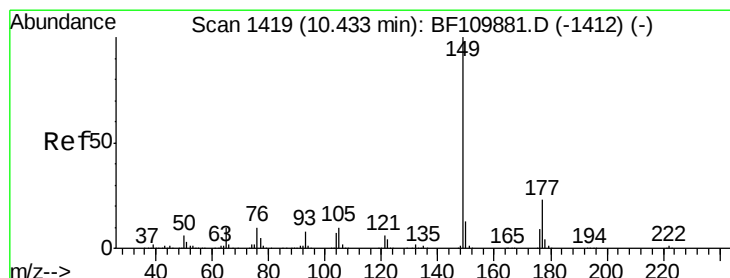
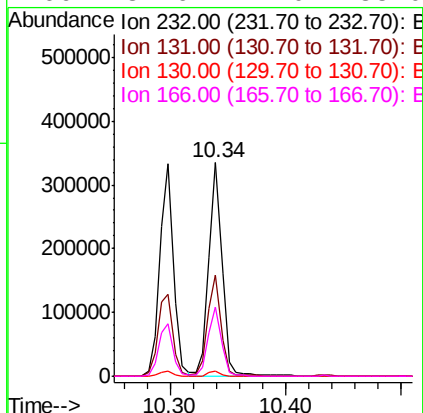
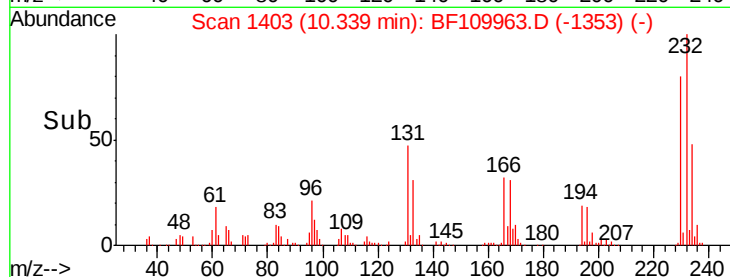
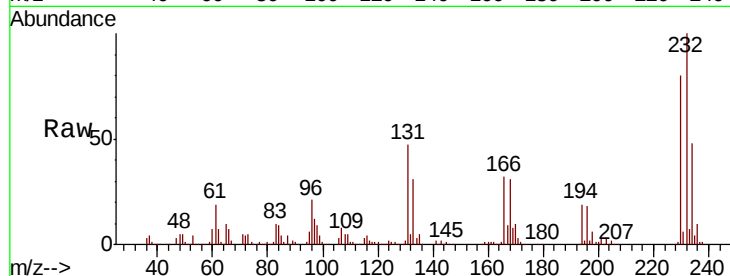
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.106 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.0	55.4
130	2.3	1.8	2.6
166	31.6	22.0	33.0

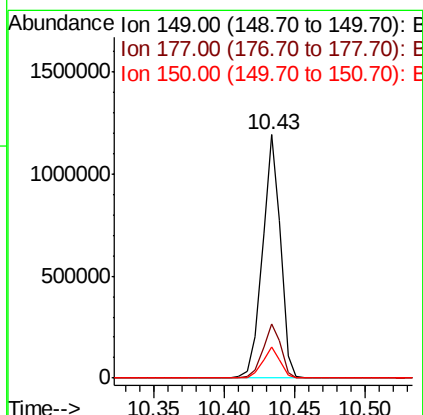
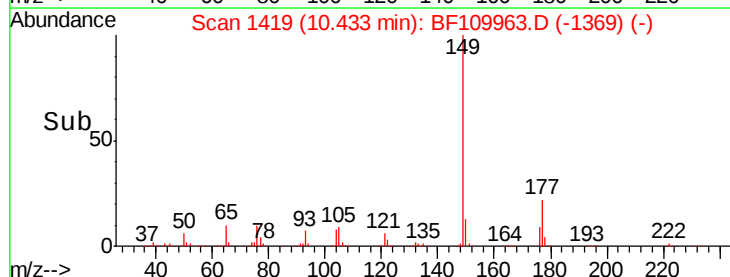
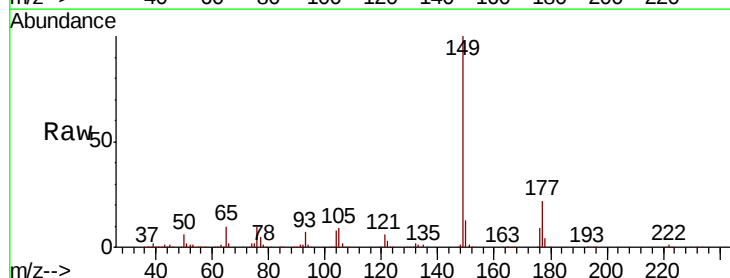
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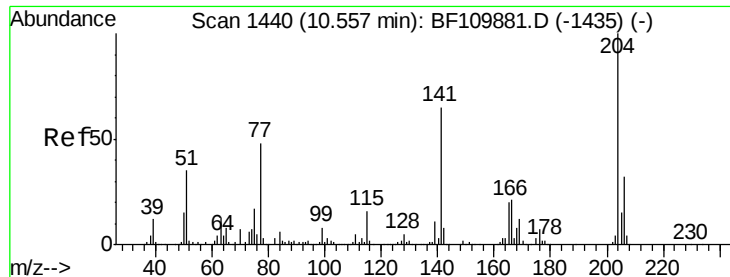
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#60
 Diethylphthalate
 Concen: 39.374 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.4	26.2
150	12.7	9.8	14.8





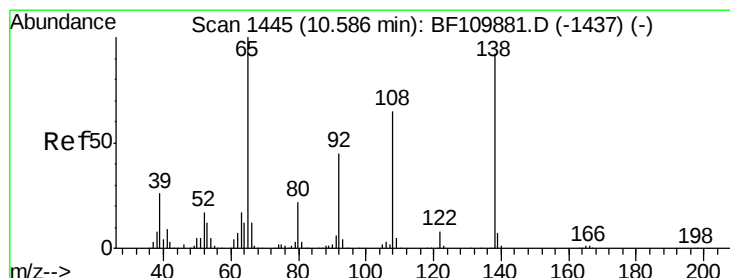
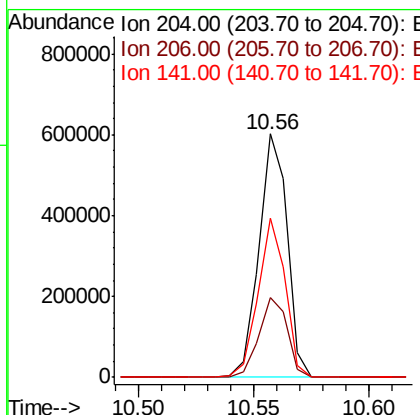
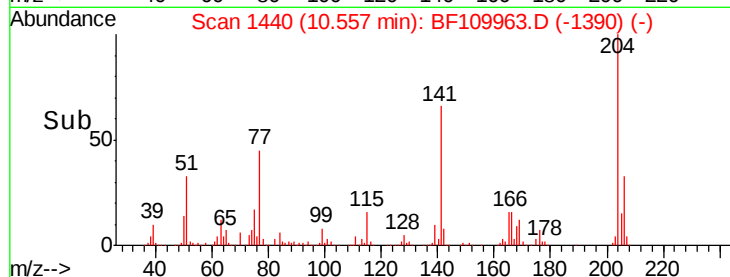
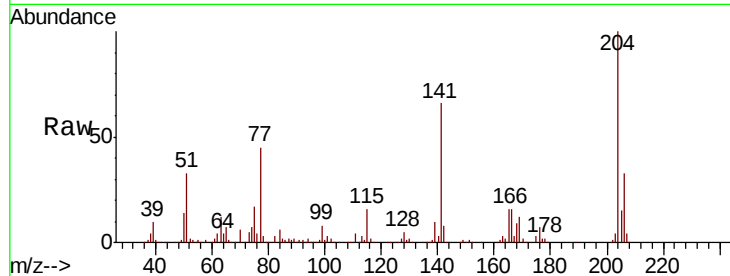
#61
4-Chlorophenyl-phenylether
Concen: 40.134 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	65.6	51.8	77.8

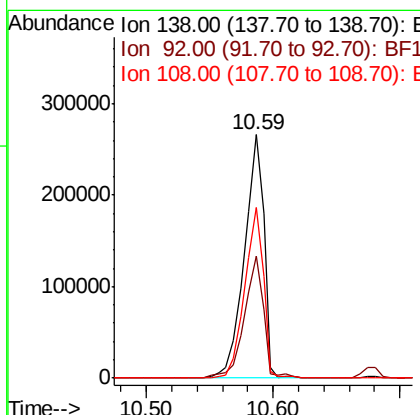
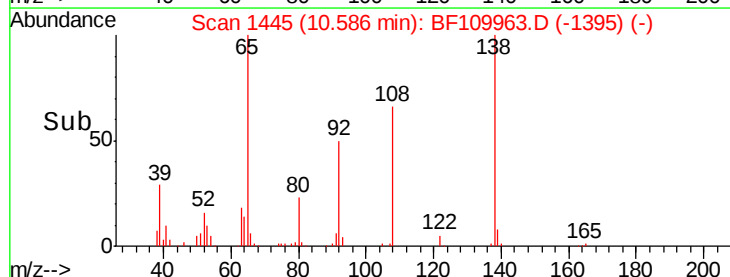
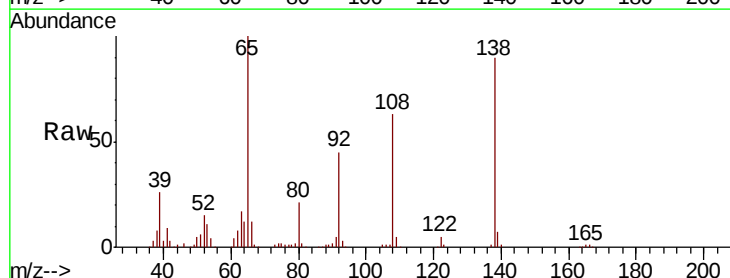
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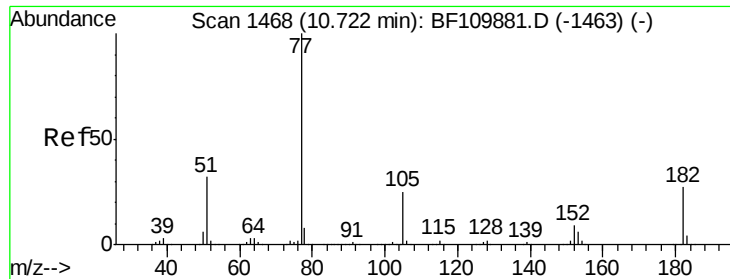
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#62
4-Nitroaniline
Concen: 47.099 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.7	71.7
108	69.9	59.3	99.3





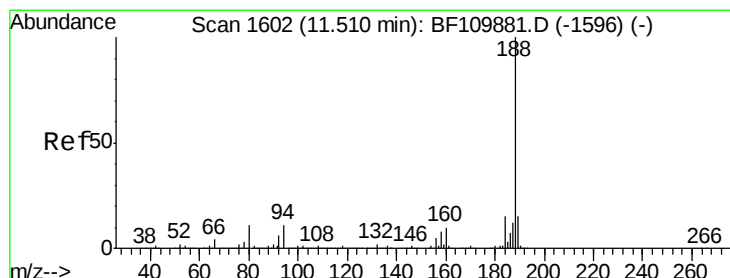
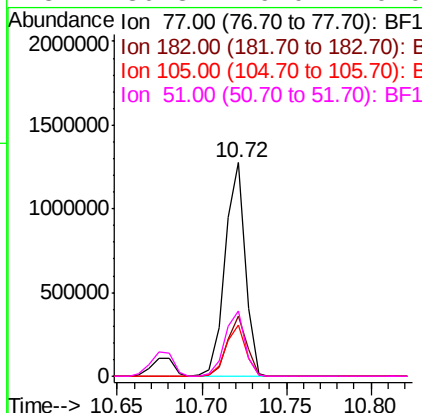
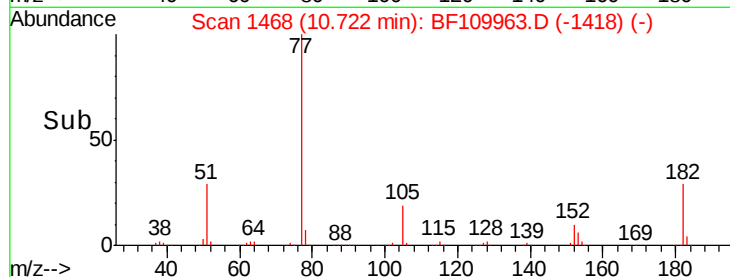
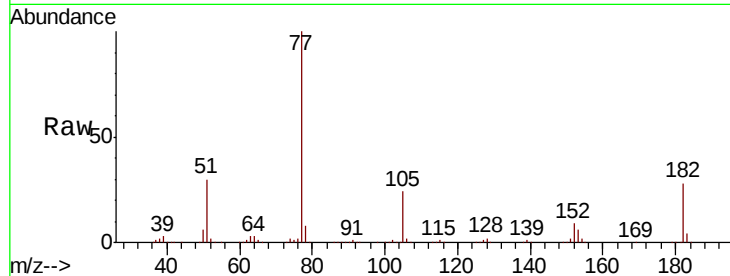
#63
Azobenzene
Concen: 37.060 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	77	Resp	1055264
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.3	44.3
105	23.8	1.3	41.3
51	30.3	9.0	49.0

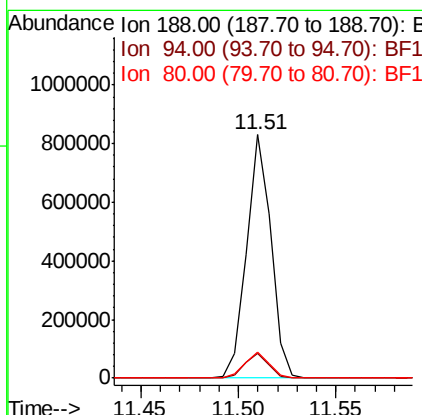
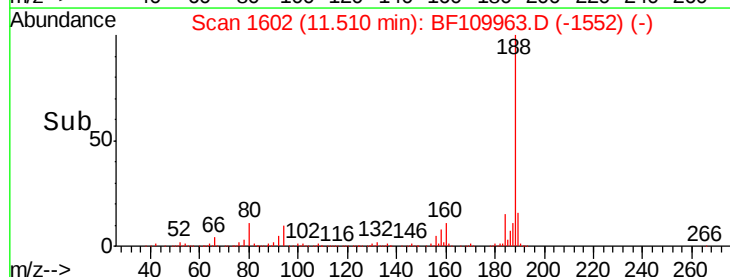
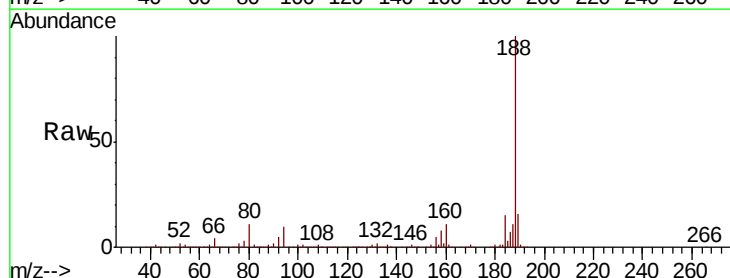
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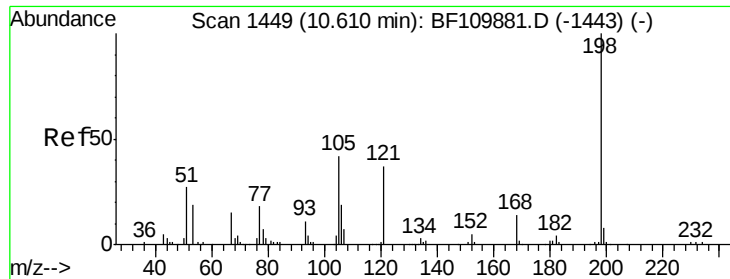
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	188	Resp	717431
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.2	10.8
80	10.9	7.9	11.9





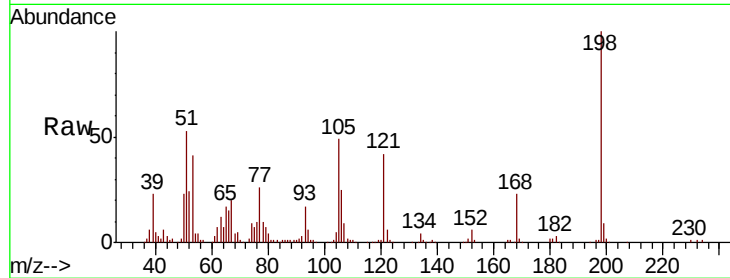
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.430 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	138539		
51	53.2		22.8	62.8
105	48.5		23.6	63.6

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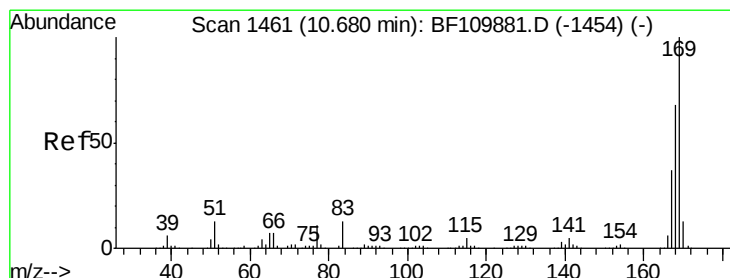
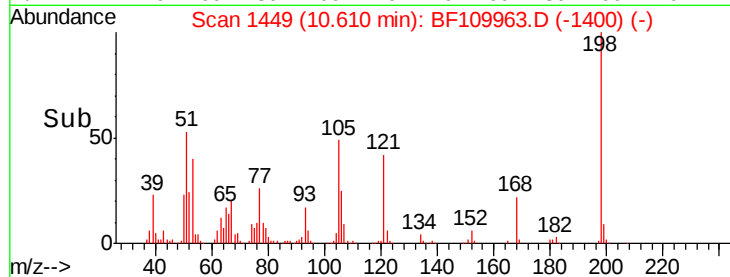
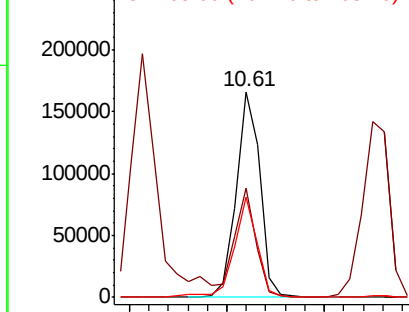


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.225 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

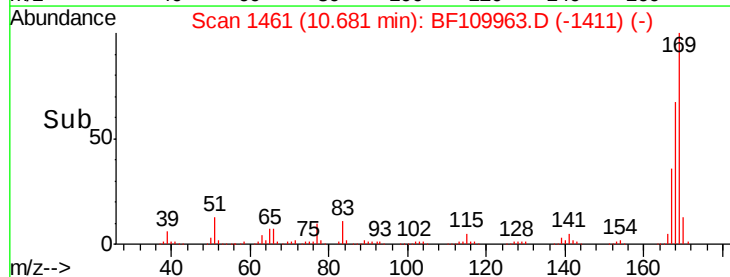
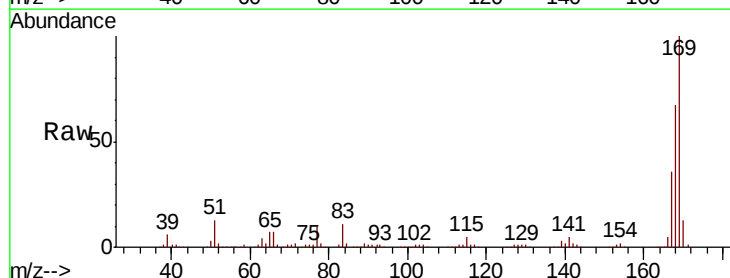
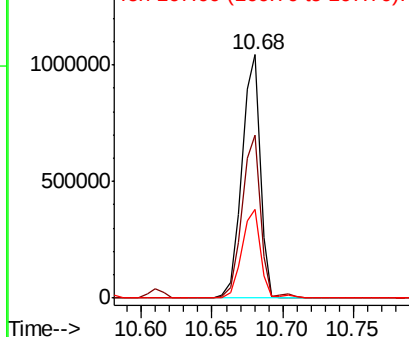
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	937281		
168	66.8		51.2	76.8
167	36.2		27.8	41.6

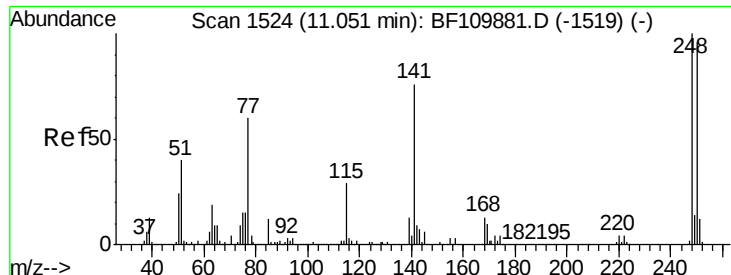
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





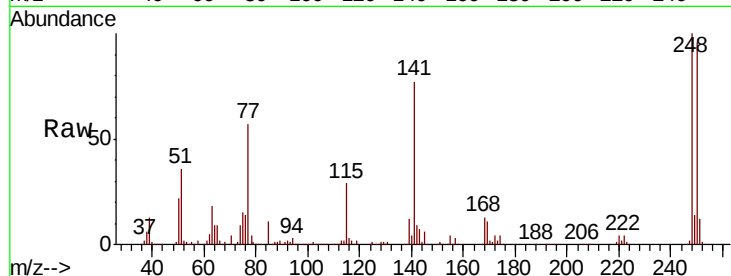
#67
4-Bromophenyl-phenylether
Concen: 39.773 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.2
141	77.2	55.9	83.9

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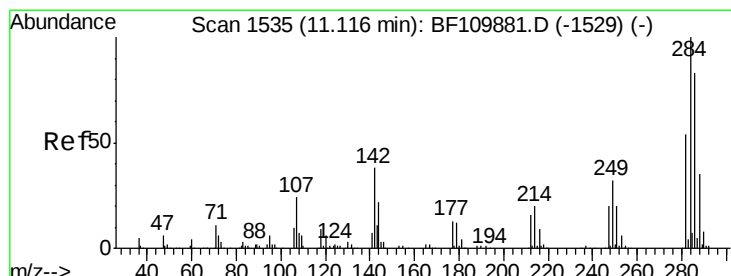
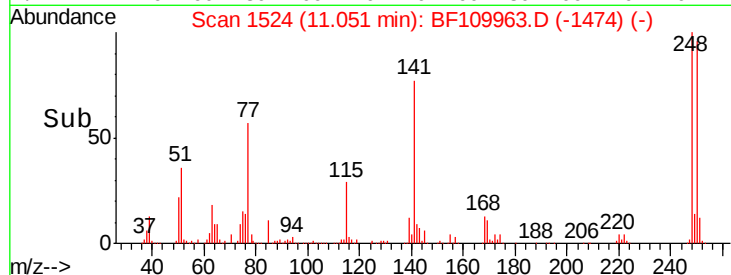
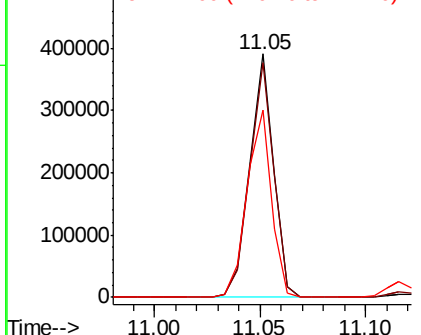


Abundance

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



#68
Hexachlorobenzene
Concen: 39.489 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

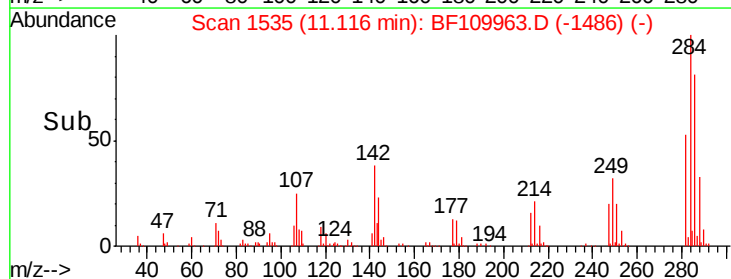
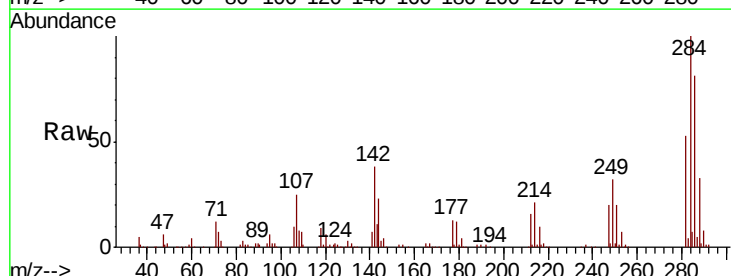
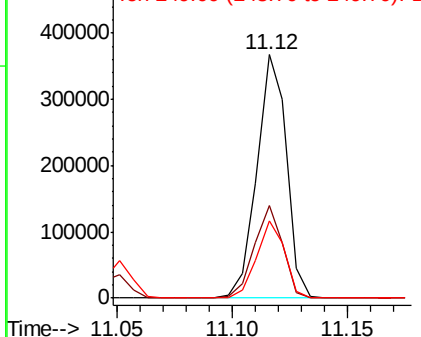
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	23.9	35.9#
249	31.7	24.2	36.2

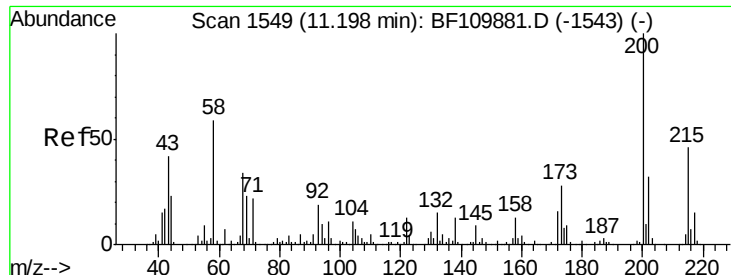
Abundance

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





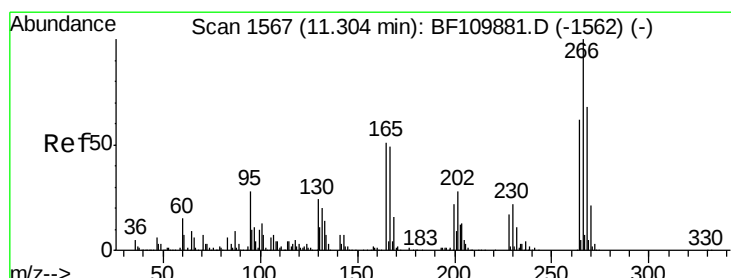
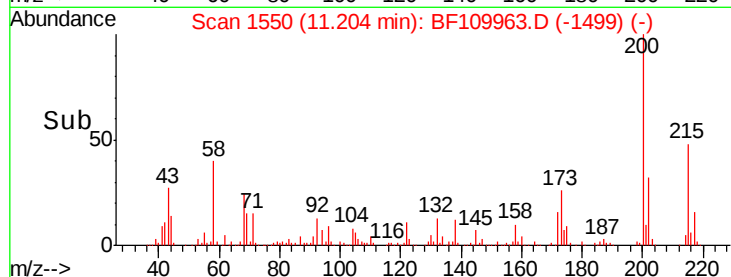
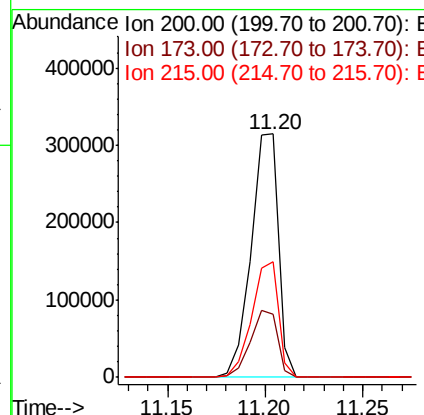
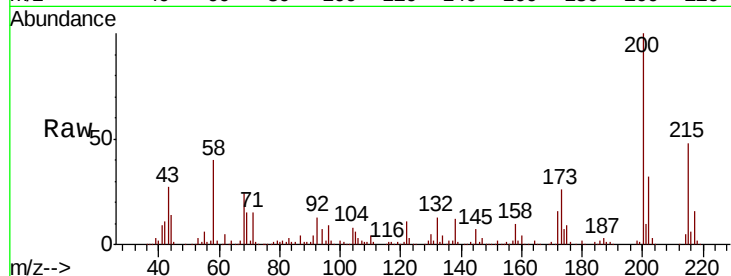
#69
Atrazine
Concen: 41.052 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100	306411		
173	26.1	6.6	46.6	
215	47.7	26.3	66.3	

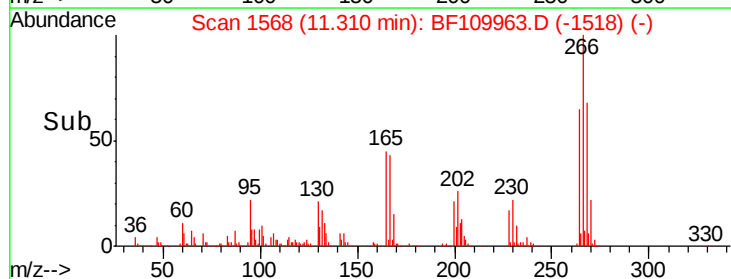
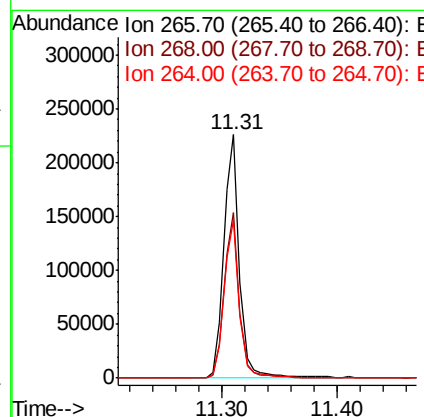
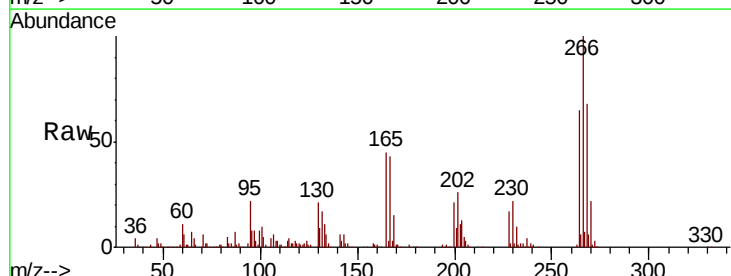
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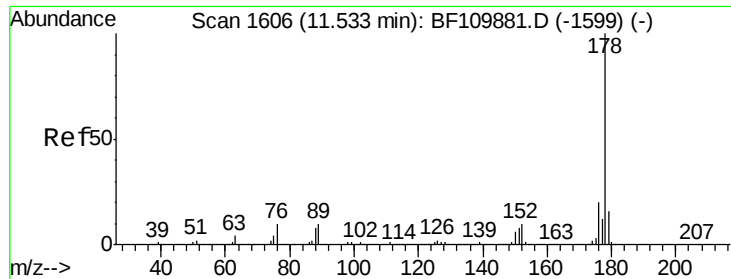
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#70
Pentachlorophenol
Concen: 44.761 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	211207		
268	67.9	50.6	75.8	
264	64.8	50.6	75.8	





#71

Phenanthrene

Concen: 38.434 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1427502

Ion Ratio Lower Upper

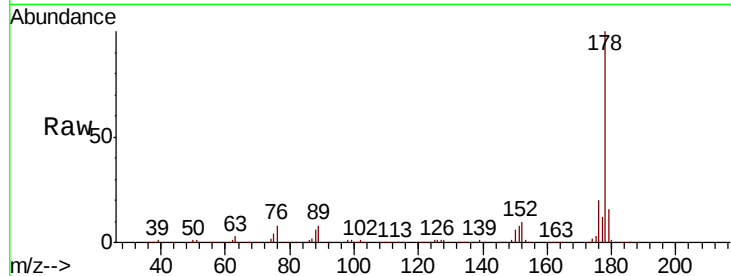
178 100

176 19.8 15.5 23.3

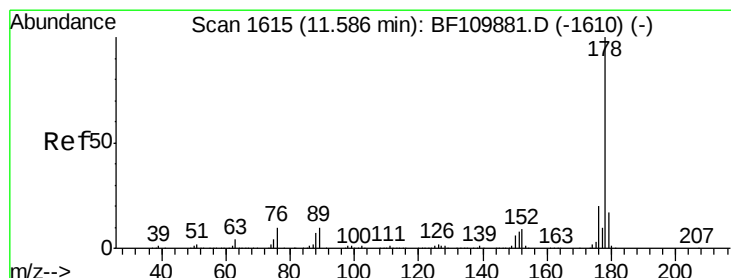
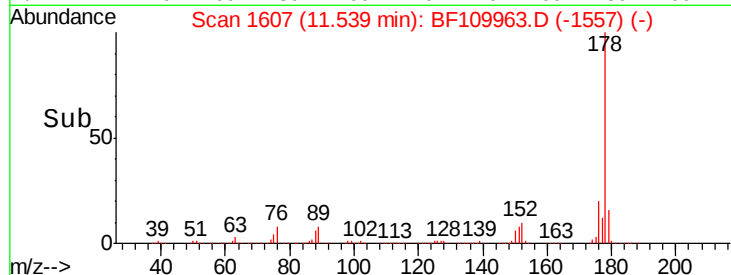
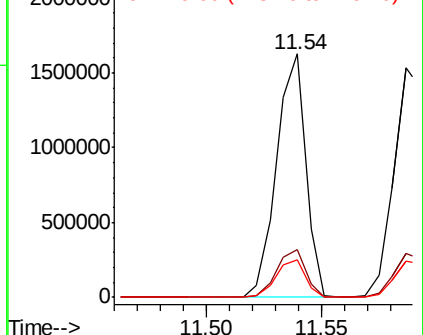
179 15.6 12.5 18.7

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



#72

Anthracene

Concen: 38.939 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:178 Resp: 1454014

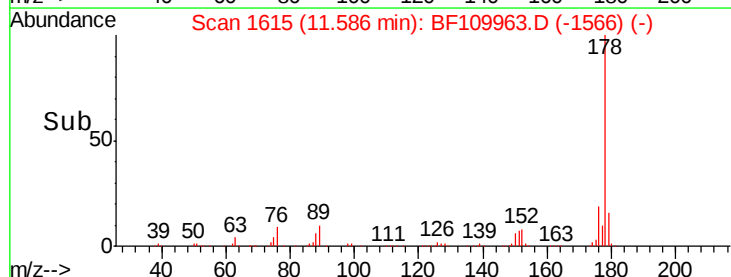
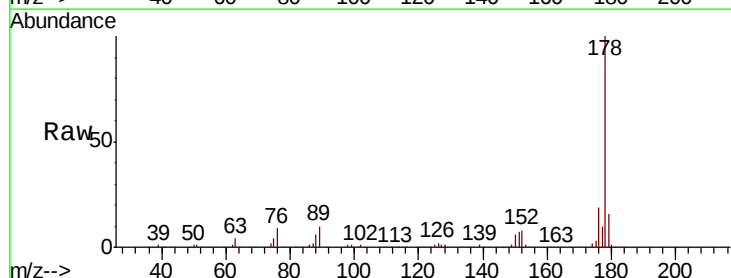
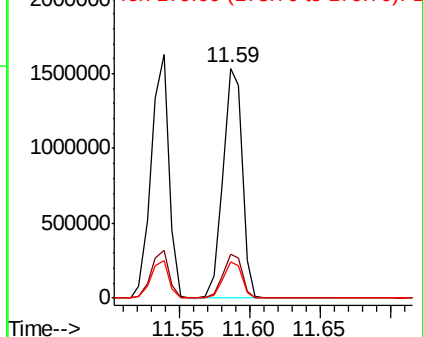
Ion Ratio Lower Upper

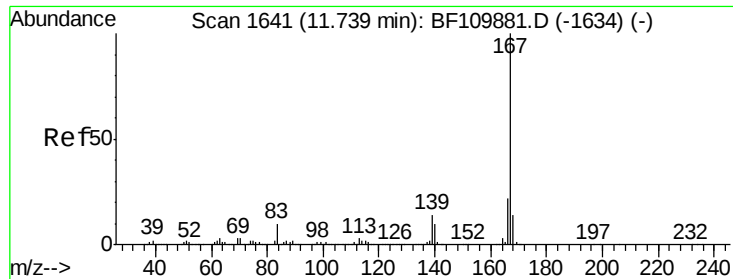
178 100

176 19.0 15.4 23.2

179 16.0 12.6 18.8

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





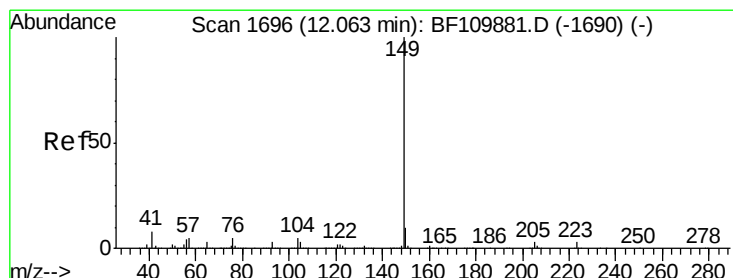
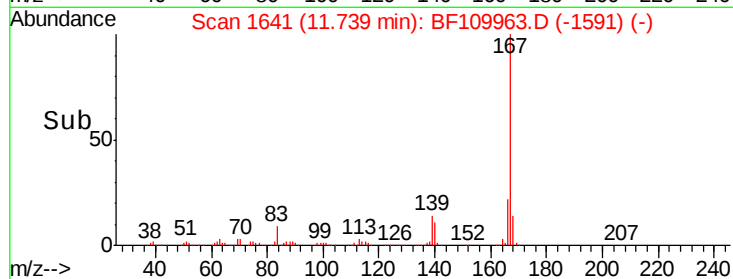
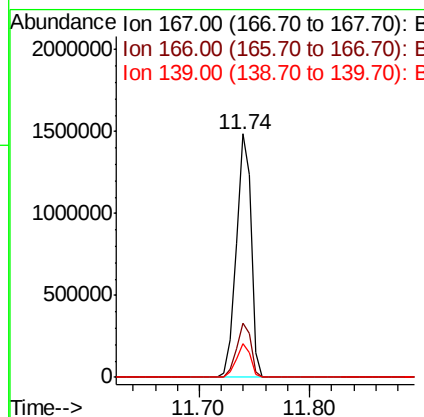
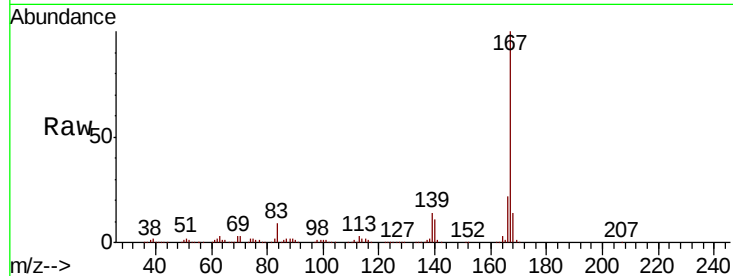
#73
 Carbazole
 Concen: 38.187 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.7	10.9	16.3

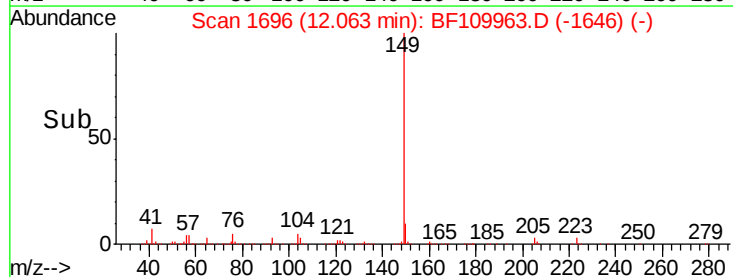
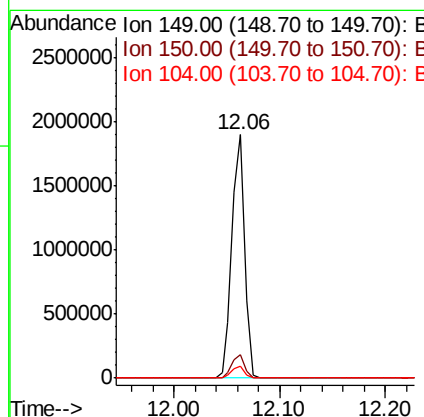
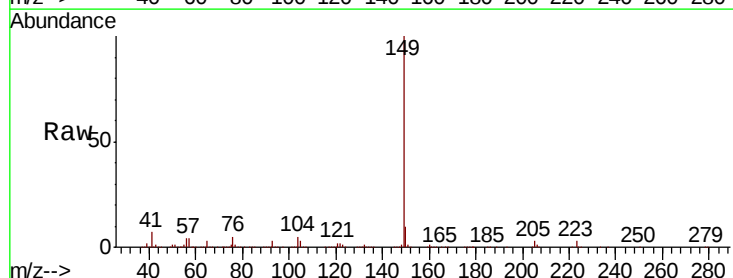
Manual Integrations
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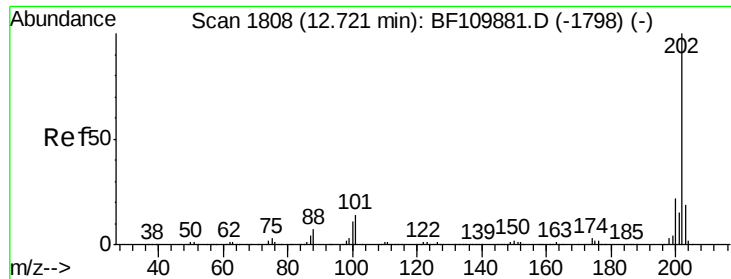
Sohil
 10/19/2018 12:08:41 PM



#74
 Di-n-butylphthalate
 Concen: 38.460 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 37.705 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

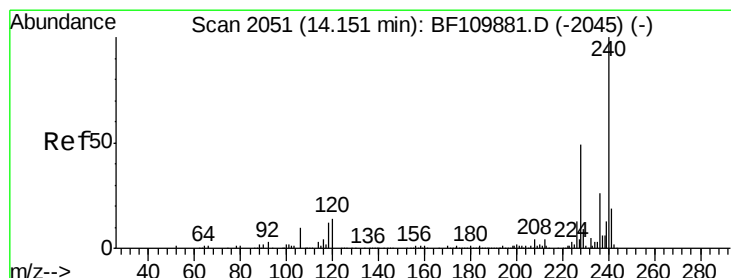
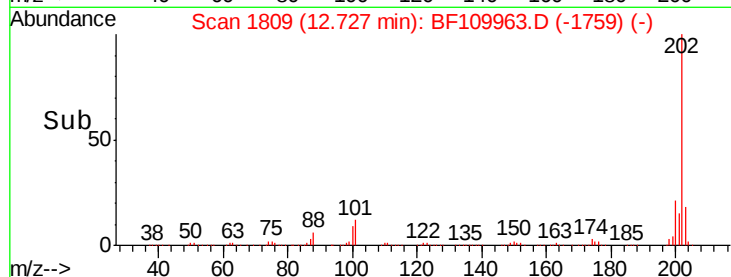
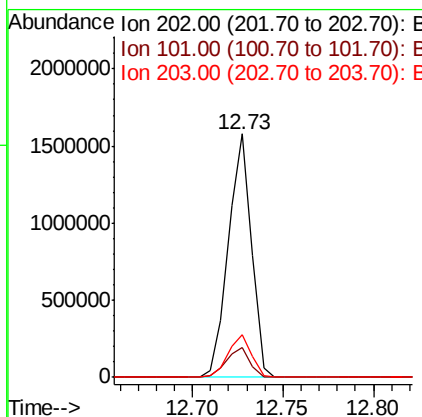
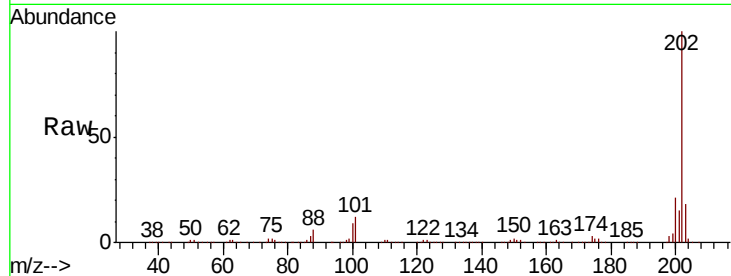
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.1	0.0	31.4		
203	17.6	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

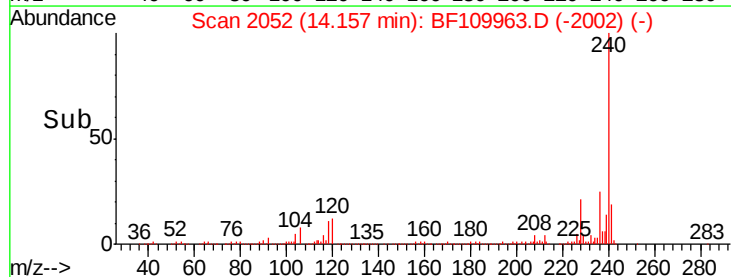
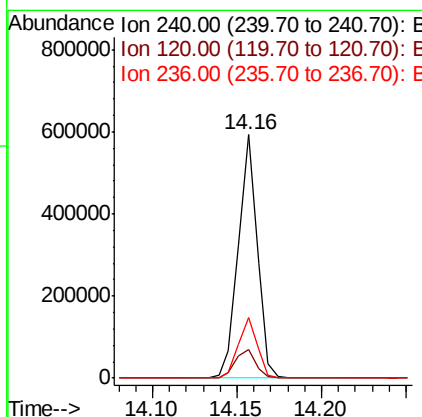
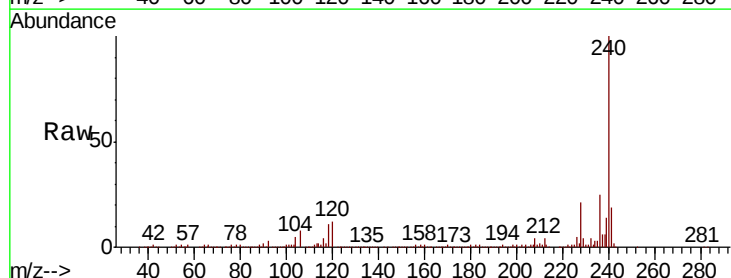
RT: 14.16 min Scan# 2052

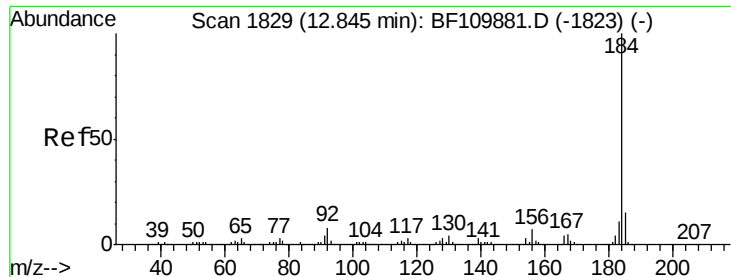
Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.9	8.3	12.5		
236	24.7	21.2	31.8		





#77

Benzidine

Concen: 40.163 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

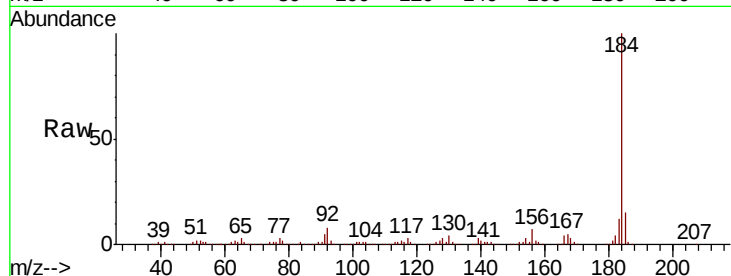
ClientSampleId :

SSTDCCC040EC

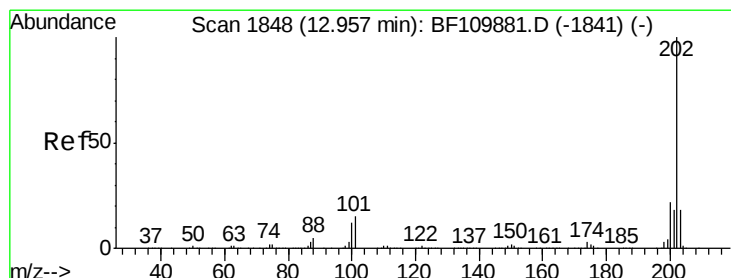
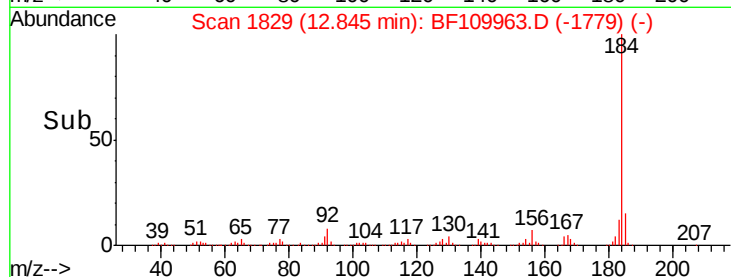
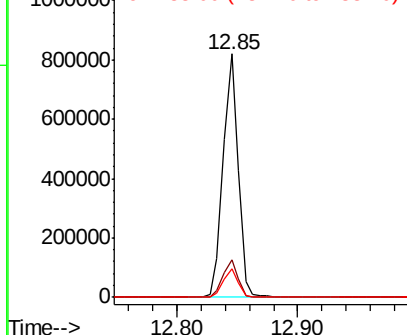
Tot Ion:	184	Resp:	711551
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.4	20.2
183	11.9	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.938 ng

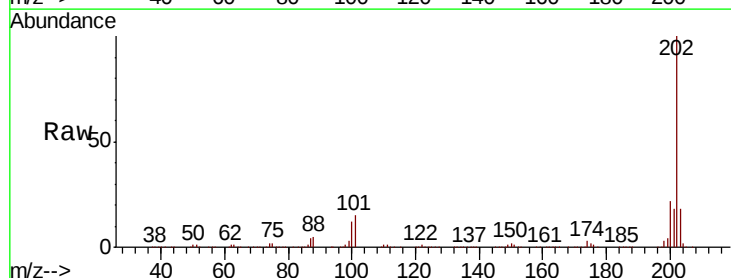
RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

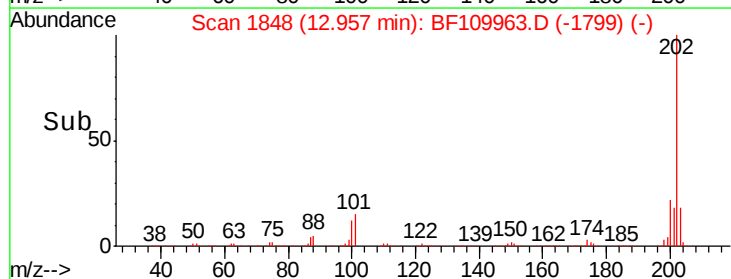
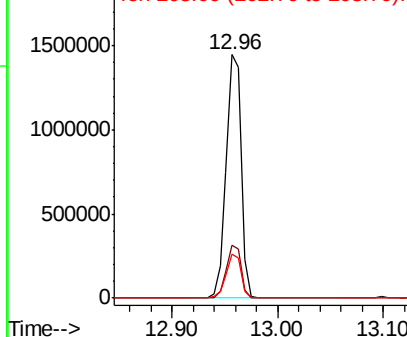
Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Tgt Ion:	202	Resp:	1423291
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	17.8	14.2	21.4



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





#79

Terphenyl-d14

Concen: 81.347 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1789995

Ion Ratio Lower Upper

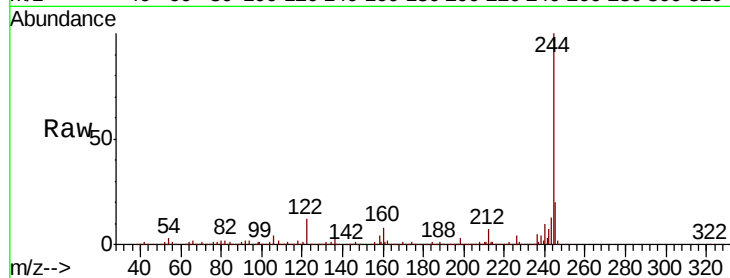
244 100

212 7.0 5.8 8.8

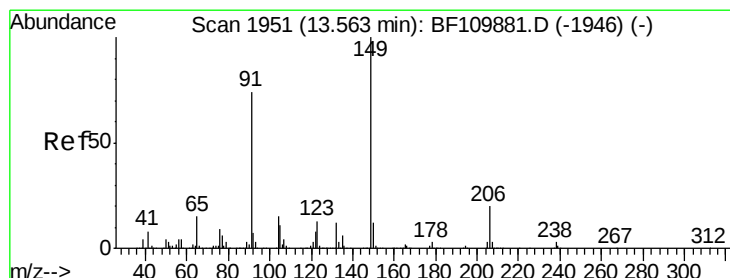
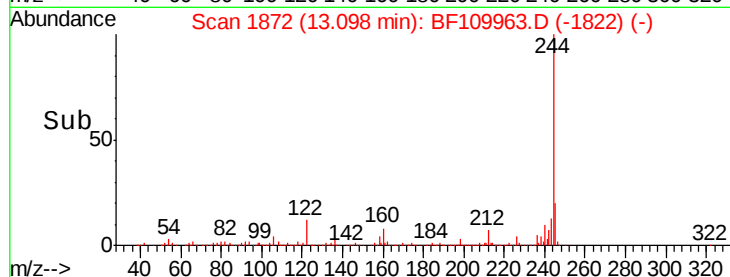
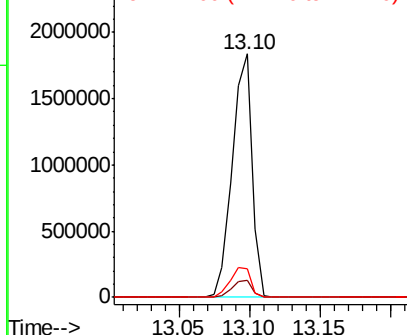
122 12.0 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.535 ng

RT: 13.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

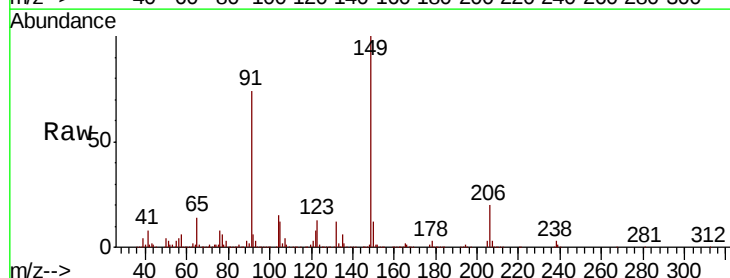
Tgt Ion:149 Resp: 597333

Ion Ratio Lower Upper

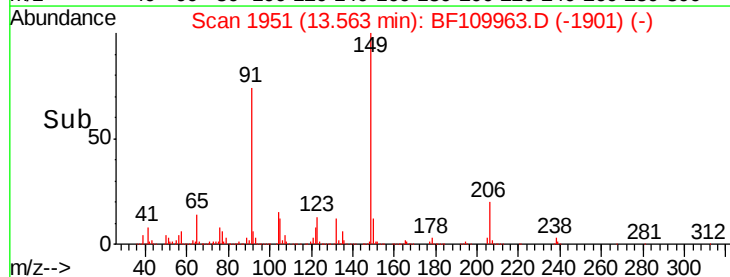
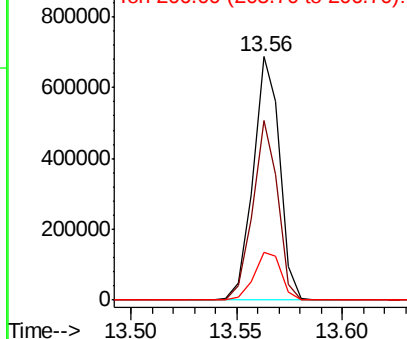
149 100

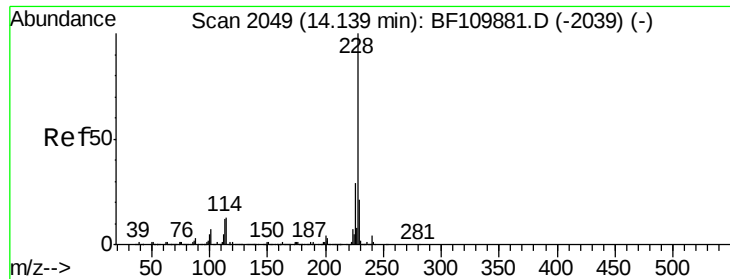
91 74.0 57.2 85.8

206 19.9 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





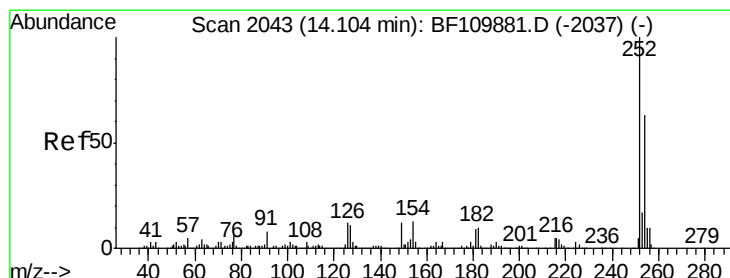
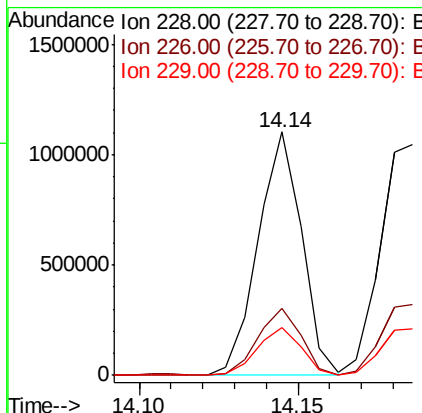
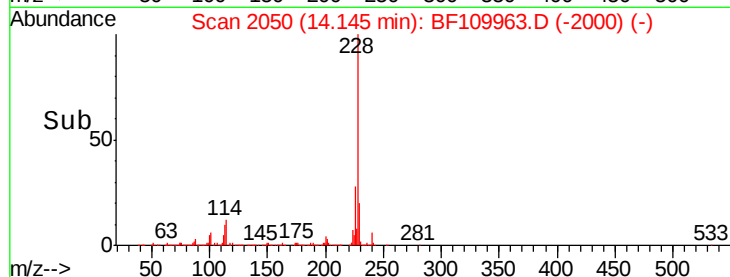
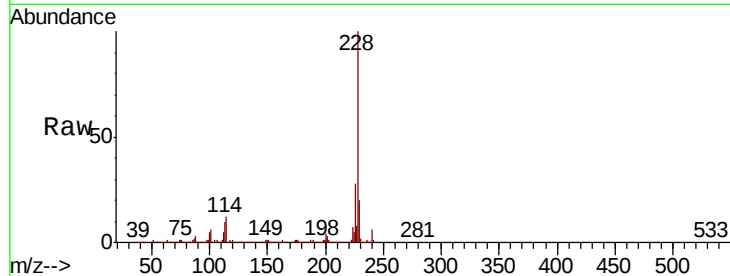
#81
Benzo(a)anthracene
Concen: 38.739 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 1054369
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.9 15.6 23.4

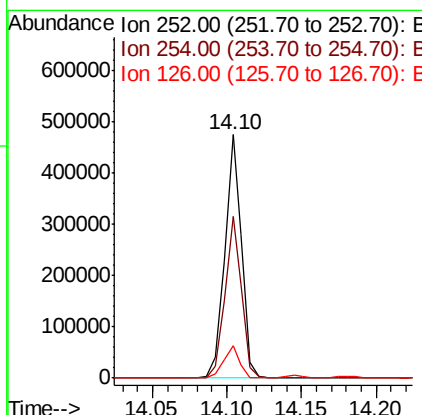
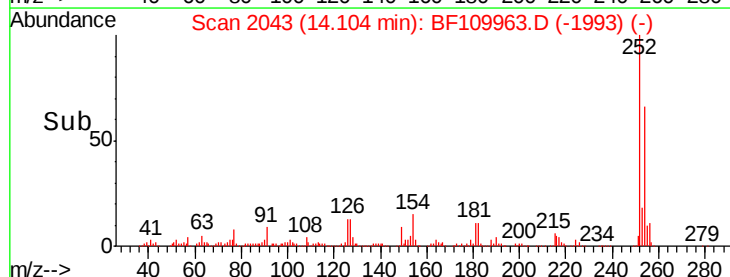
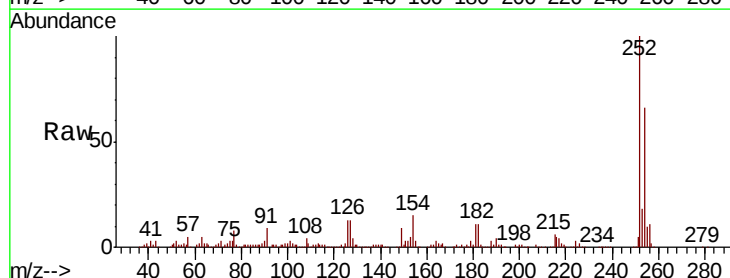
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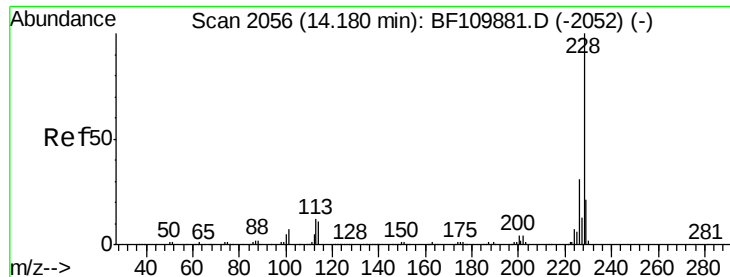
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 39.440 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion:252 Resp: 376327
Ion Ratio Lower Upper
252 100
254 66.4 51.3 76.9
126 13.2 9.4 14.2





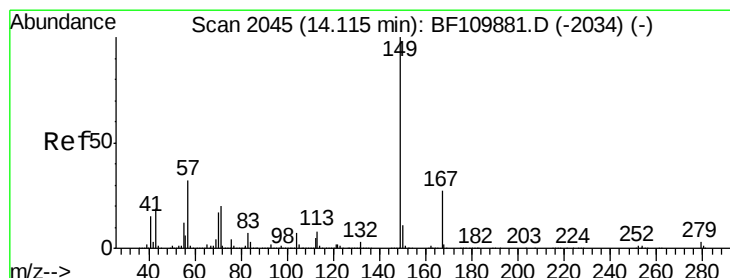
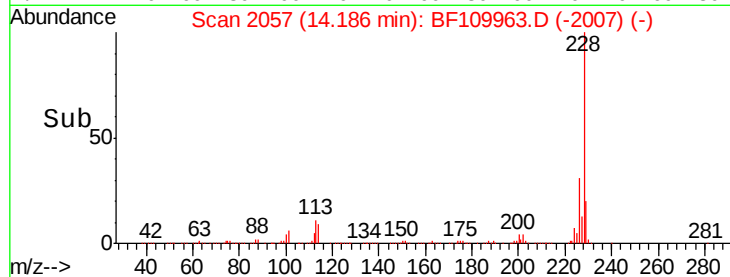
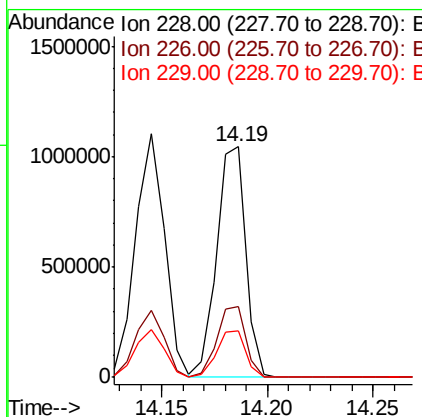
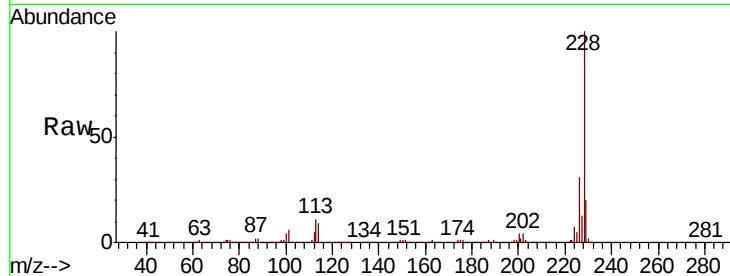
#83
 Chrvsene
 Concen: 38.380 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.2	15.9	23.9

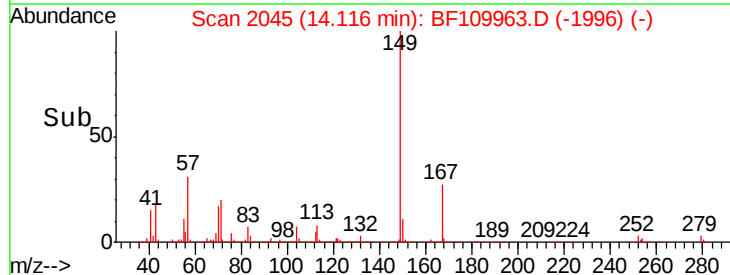
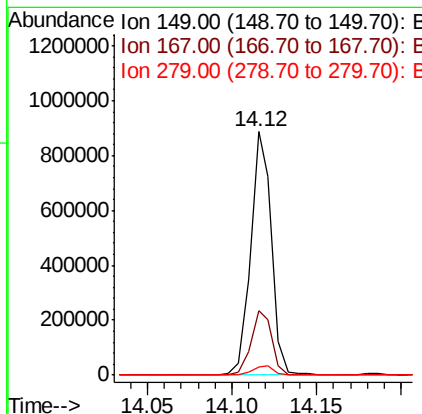
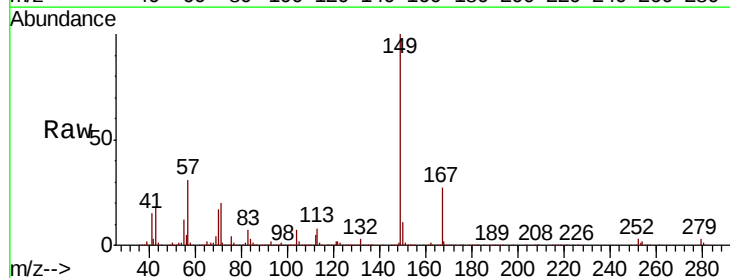
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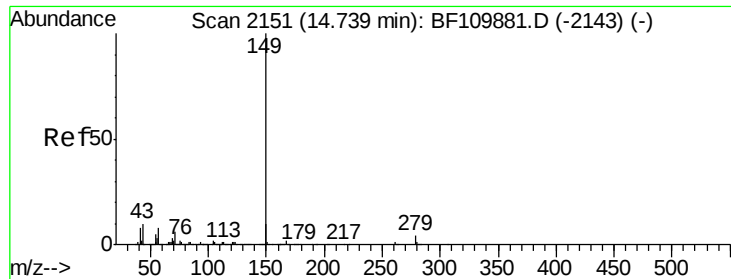
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.803 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF109963.D
 Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.8	29.8
279	3.2	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 44.002 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1120008

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

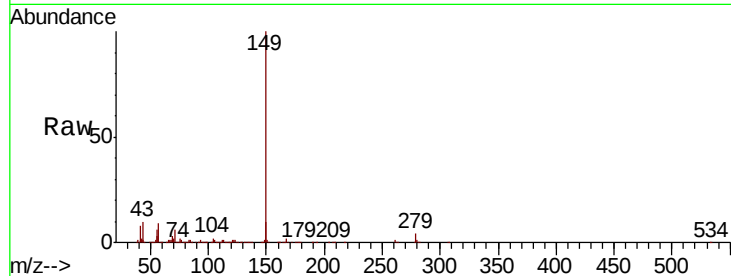
43 10.1 7.8 11.8

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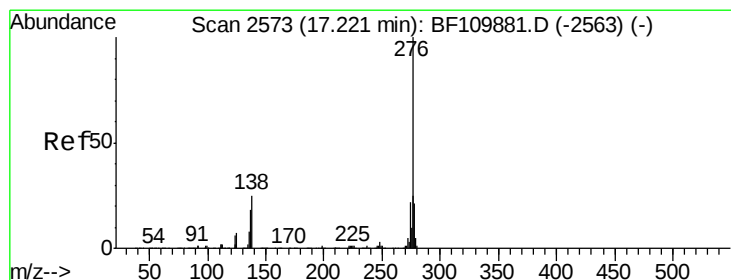
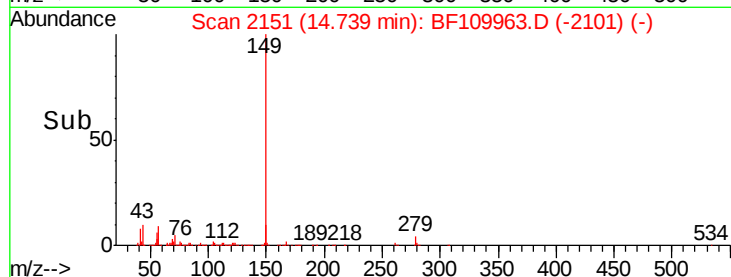
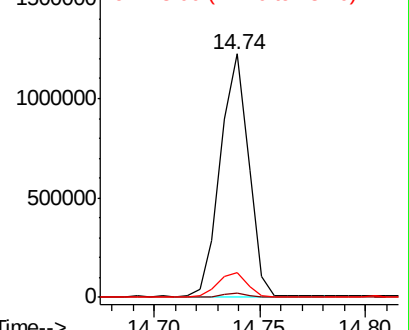
10/19/2018 12:08:41 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.210 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF109963.D

Acq: 18 Oct 2018 17:14

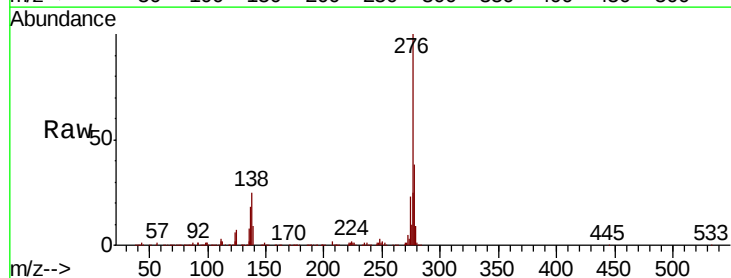
Tgt Ion:276 Resp: 922169

Ion Ratio Lower Upper

276 100

138 27.9 18.5 27.7#

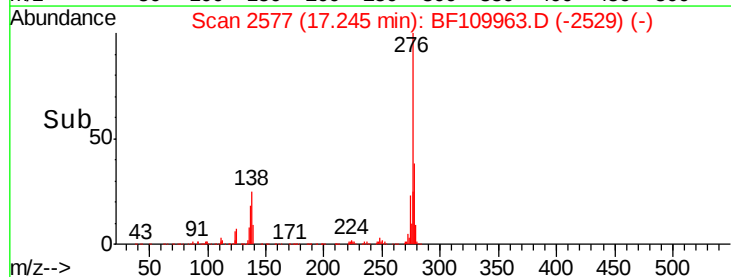
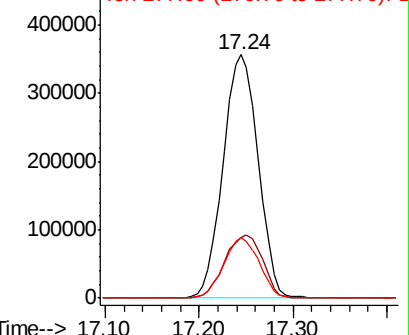
277 25.2 20.0 30.0

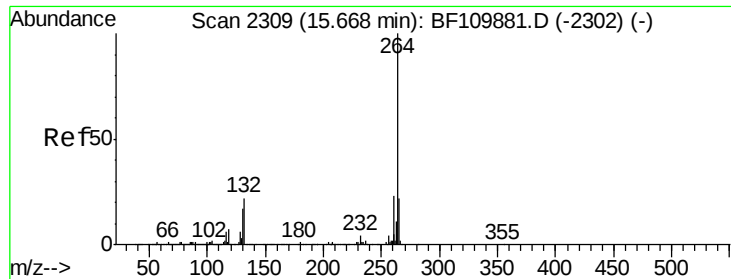


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





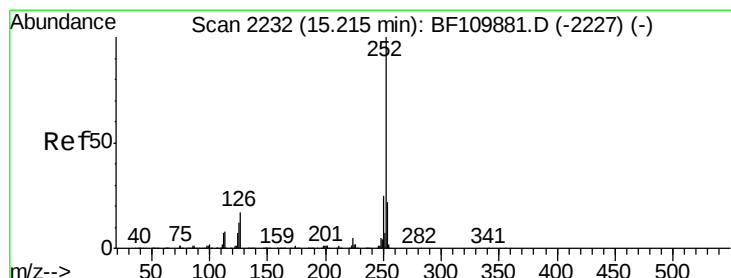
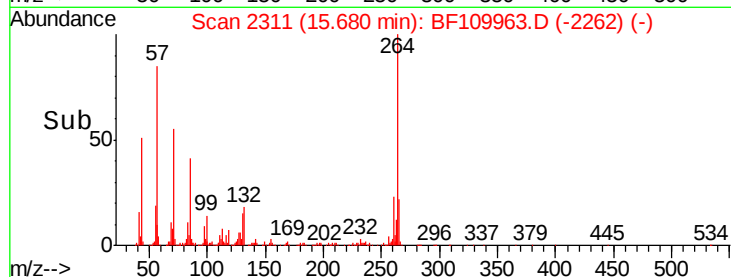
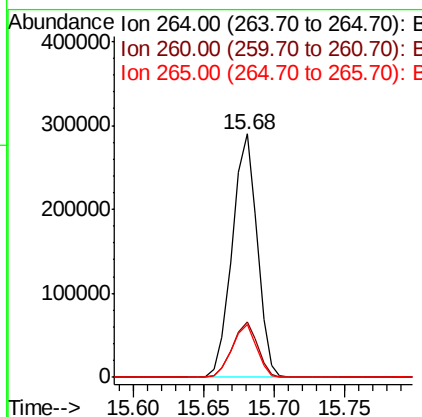
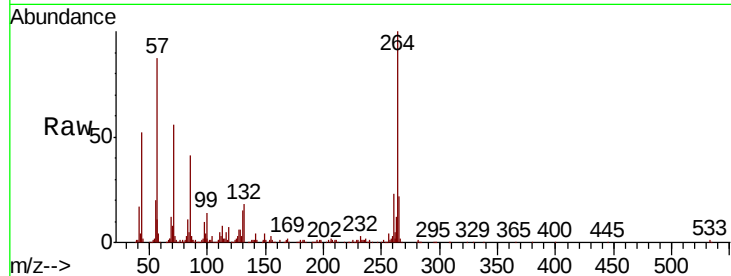
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.6	16.7	25.1

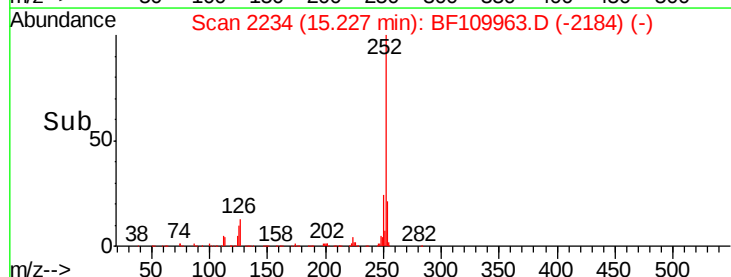
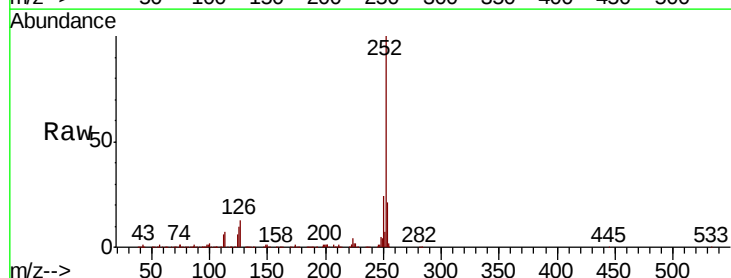
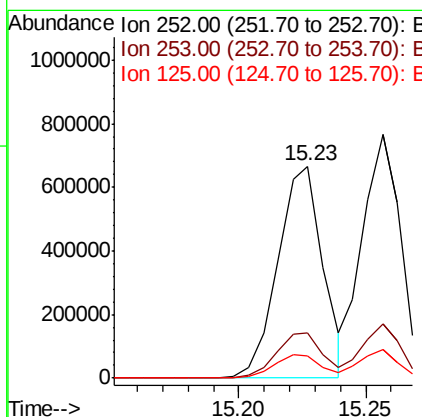
Manual Integrations
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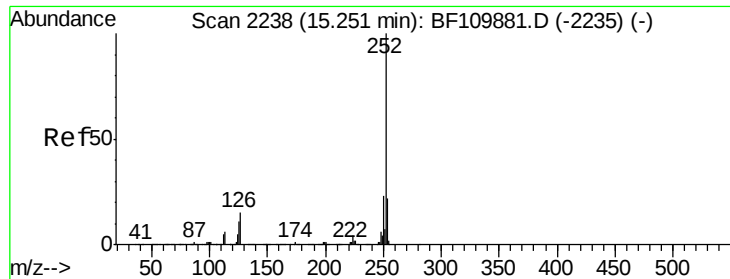
Sohil
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#88
Benzo(b)fluoranthene
Concen: 39.988 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.4	8.2	12.4





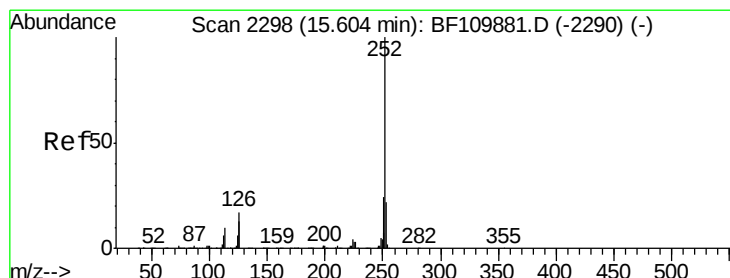
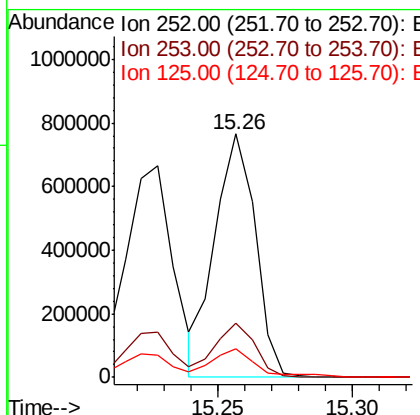
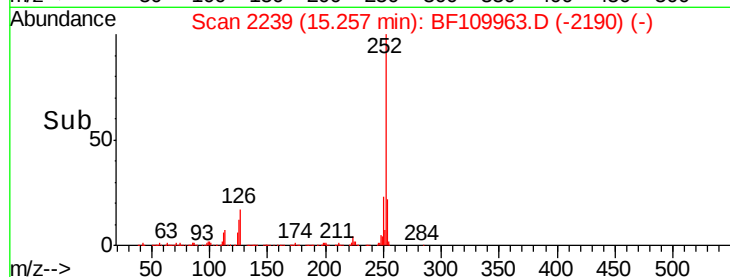
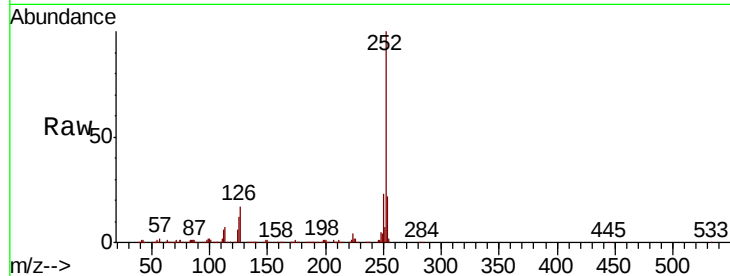
#89
Benzo(k)fluoranthene
Concen: 39.598 ng m
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.9	7.4	11.0

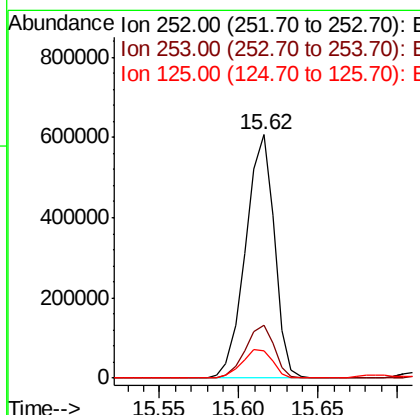
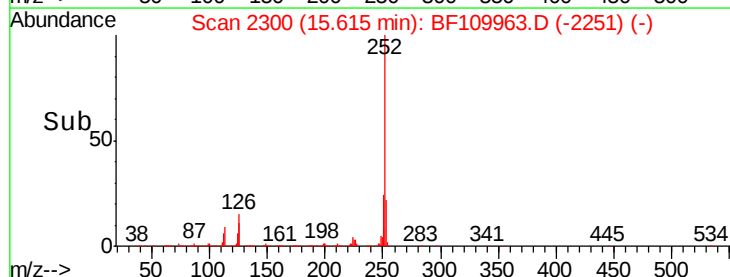
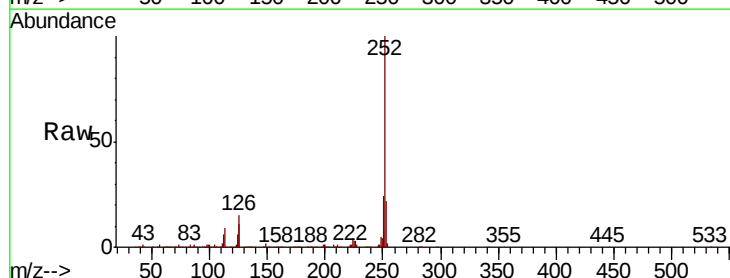
Manual Integrations
APPROVED

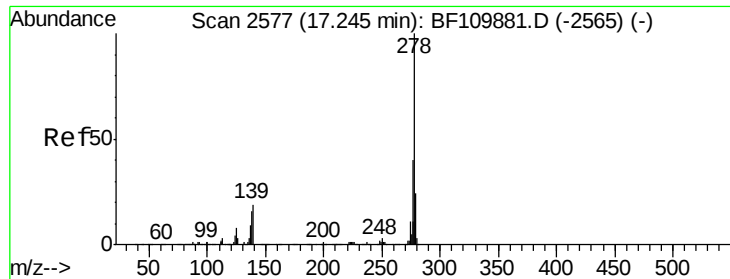
Sohil
10/19/2018 12:08:41 PM



#90
Benzo(a)pyrene
Concen: 40.495 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	11.5	9.0	13.6





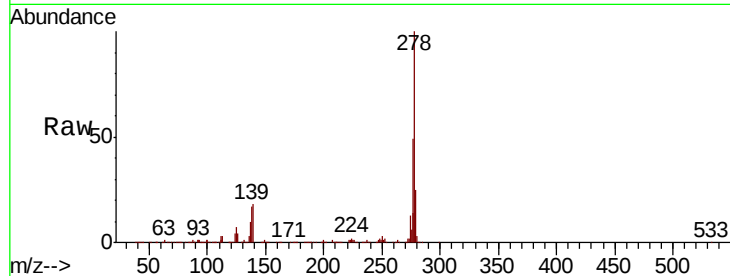
#91
Dibenzo(a,h)anthracene
Concen: 45.444 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.7	19.1
279	24.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/19/2018 12:08:41 PM

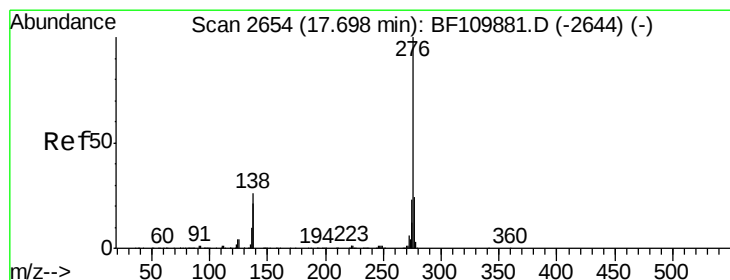
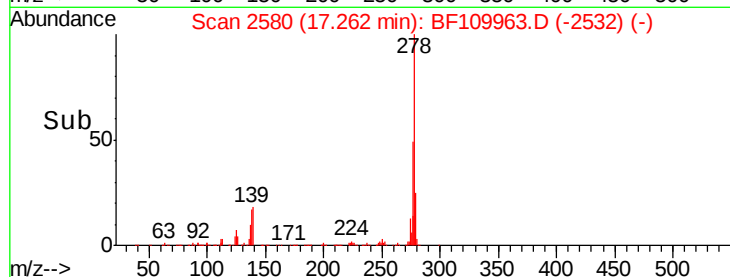
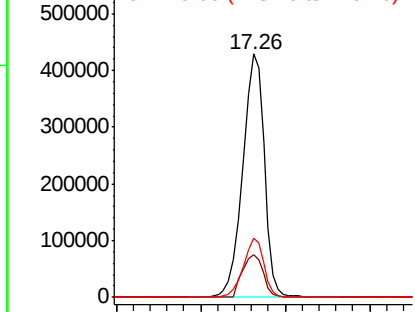


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.062 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF109963.D
Acq: 18 Oct 2018 17:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	23.8	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

