

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109900.D
 Acq On : 16 Oct 2018 12:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/17/2018 11:15:12 AM

Quant Time: Oct 16 14:17:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	270776	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	1145203	20.00	ng	0.00
39) Acenaphthene-d10	10.03	164	528709	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	964287	20.00	ng	0.00
76) Chrysene-d12	14.16	240	652900	20.00	ng	0.01
87) Perylene-d12	15.69	264	504351	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1341301	78.52	ng	0.00
7) Phenol-d6	6.60	99	1700330	80.16	ng	0.01
23) Nitrobenzene-d5	7.55	82	1504628	88.51	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	392325	85.71	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2513581	75.86	ng	0.00
79) Terphenyl-d14	13.10	244	2414926	77.67	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	371099	38.249	ng	91
3) Pyridine	3.62	79	867857	40.122	ng	89
4) n-Nitrosodimethylamine	3.58	42	351061	39.786	ng	# 97
6) Aniline	6.65	93	1150595	40.251	ng	# 53
8) 2-Chlorophenol	6.77	128	778091	40.664	ng	100
9) Benzaldehyde	6.53	77	550506	39.937	ng	97
10) Phenol	6.62	94	923322	40.317	ng	# 62
11) bis(2-Chloroethyl)ether	6.72	93	763746	39.885	ng	92
12) 1,3-Dichlorobenzene	6.92	146	840537	40.060	ng	98
13) 1,4-Dichlorobenzene	7.00	146	838690	39.690	ng	98
14) 1,2-Dichlorobenzene	7.16	146	778180	39.992	ng	99
15) Benzyl Alcohol	7.12	79	680238	41.684	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1247384	39.689	ng	67
17) 2-Methylphenol	7.22	107	627035	40.638	ng	# 80
18) Hexachloroethane	7.50	117	311171	41.670	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	530908	38.982	ng	96
20) 3+4-Methylphenols	7.38	107	786794	40.184	ng	96
22) Acetophenone	7.39	105	1013701	38.169	ng	# 97
24) Nitrobenzene	7.57	77	798659	43.245	ng	92
25) Isophorone	7.80	82	1302918	39.005	ng	96
26) 2-Nitrophenol	7.88	139	390043	50.938	ng	93
27) 2,4-Dimethylphenol	7.91	122	634573	39.440	ng	95
28) bis(2-Chloroethoxy)methane	8.01	93	891864	38.904	ng	98
29) 2,4-Dichlorophenol	8.12	162	632322	40.512	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	686336	39.272	ng	96
31) Naphthalene	8.29	128	2022309	38.509	ng	99
32) Benzoic acid	8.01	122	324211m	32.341	ng	
33) 4-Chloroaniline	8.33	127	929487	39.374	ng	99
34) Hexachlorobutadiene	8.40	225	375659	38.981	ng	100
35) Caprolactam	8.71	113	215123	38.808	ng	# 86
36) 4-Chloro-3-methylphenol	8.80	107	663040	40.268	ng	97
37) 2-Methylnaphthalene	8.98	142	1322955	38.905	ng	98
38) 1-Methylnaphthalene	9.08	142	1273344	38.644	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	638899	39.233	ng	98

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 BNA_F
 ClientSampleID :
 SSTDC040

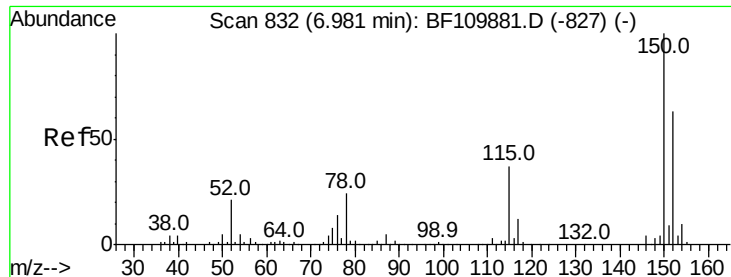
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	343042	43.644	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	428799	42.110	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	451381	42.710	nq	96
46) 1,1'-Biphenyl	9.45	154	1792631	38.055	nq	97
47) 2-Chloronaphthalene	9.47	162	1355387	39.062	nq	98
48) 2-Nitroaniline	9.56	65	425129	47.743	nq	96
49) Acenaphthylene	9.89	152	1948697	38.659	nq	97
50) Dimethylphthalate	9.74	163	1495294	39.941	nq	99
51) 2,6-Dinitrotoluene	9.80	165	337108	47.409	nq	98
52) Acenaphthene	10.06	154	1250995	38.982	nq	98
53) 3-Nitroaniline	9.97	138	406906	47.043	nq	95
54) 2,4-Dinitrophenol	10.08	184	85424	42.421	nq	# 86
55) Dibenzofuran	10.23	168	1762288	38.505	nq	98
56) 4-Nitrophenol	10.12	139	298476	45.224	nq	95
57) 2,4-Dinitrotoluene	10.21	165	426151	47.497	nq	90
58) Fluorene	10.57	166	1280383	38.431	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	357506	42.683	nq	96
60) Diethylphthalate	10.44	149	1403539	37.958	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	688208	39.655	nq	99
62) 4-Nitroaniline	10.59	138	376470	45.979	nq	91
63) Azobenzene	10.73	77	1439626	37.268	nq	95
65) 4,6-Dinitro-2-methylphenol	10.62	198	149573	43.670	nq	97
66) n-Nitrosodiphenylamine	10.69	169	1238677	38.568	nq	95
67) 4-Bromophenyl-phenylether	11.06	248	413608	39.578	nq	94
68) Hexachlorobenzene	11.13	284	433718	38.919	nq	97
69) Atrazine	11.20	200	400740	39.946	nq	98
70) Pentachlorophenol	11.32	266	264572	41.717	nq	97
71) Phenanthrene	11.55	178	1896402	37.987	nq	98
72) Anthracene	11.60	178	1923332	38.321	nq	99
73) Carbazole	11.75	167	1900728	38.534	nq	99
74) Di-n-butylphthalate	12.07	149	2064055	37.495	nq	99
75) Fluoranthene	12.73	202	1910561	38.310	nq	96
77) Benzidine	12.85	184	971979	38.828	nq	99
78) Pyrene	12.97	202	1940612	40.469	nq	100
80) Butylbenzylphthalate	13.57	149	829431	42.783	nq	98
81) Benzo(a)anthracene	14.15	228	1518217	39.478	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	554986	41.164	nq	# 97
83) Chrysene	14.19	228	1431150	39.096	nq	100
84) Bis(2-ethylhexyl)phthalate	14.13	149	1029262	40.347	nq	# 93
85) Di-n-octyl phthalate	14.74	149	1526577	42.446	nq	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	1247358	42.322	nq	# 94
88) Benzo(b)fluoranthene	15.23	252	1178618m	40.535	nq	
89) Benzo(k)fluoranthene	15.27	252	1099305	38.357	nq	# 97
90) Benzo(a)pyrene	15.63	252	1059380	39.614	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	1028984	43.417	nq	# 96
92) Benzo(g,h,i)perylene	17.74	276	1061329	44.323	nq	# 93

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



#1

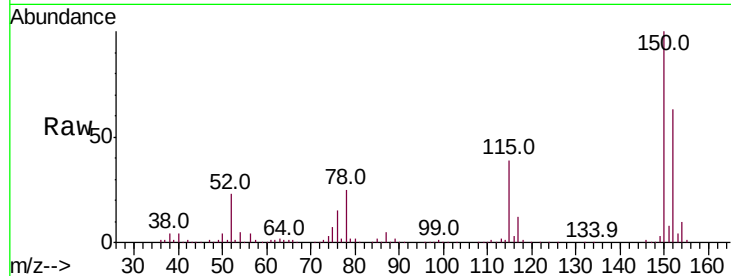
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	62.5	49.1	73.7

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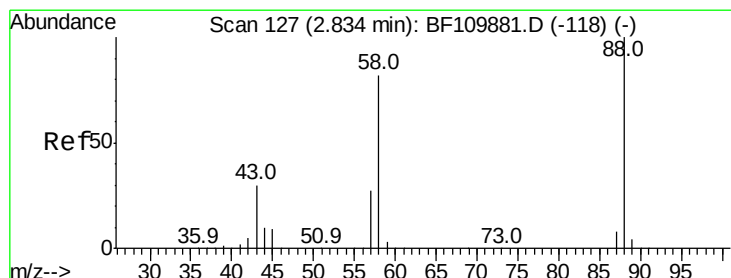
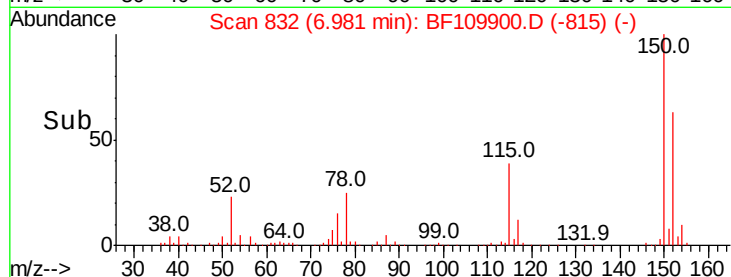
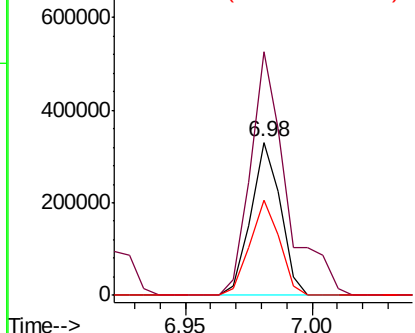


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

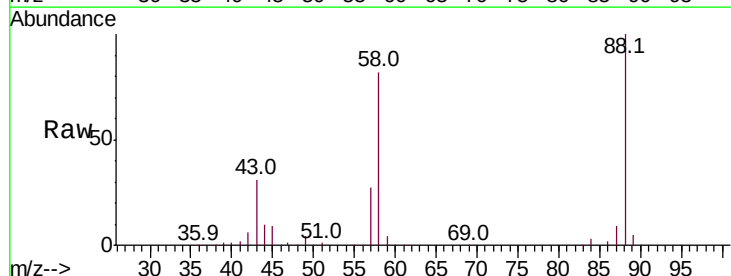
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.249 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	57.1	85.7
43	30.5	24.1	36.1

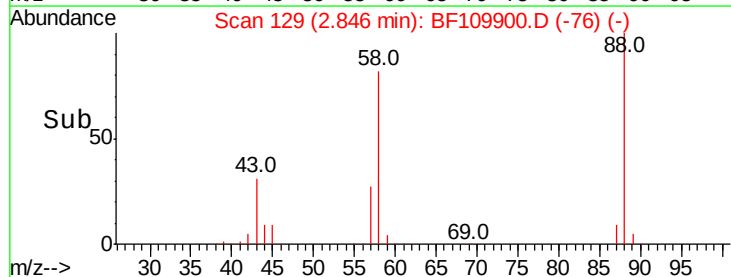
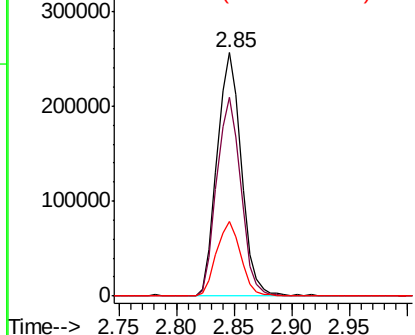


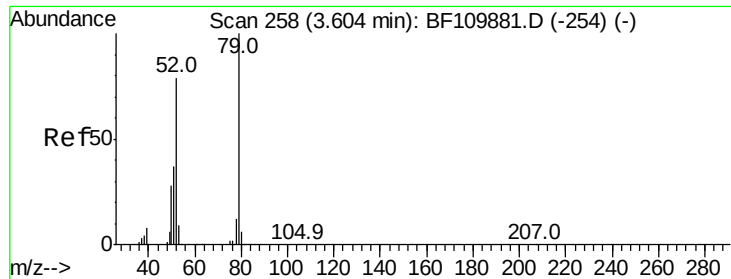
Abundance

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: 40.122 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

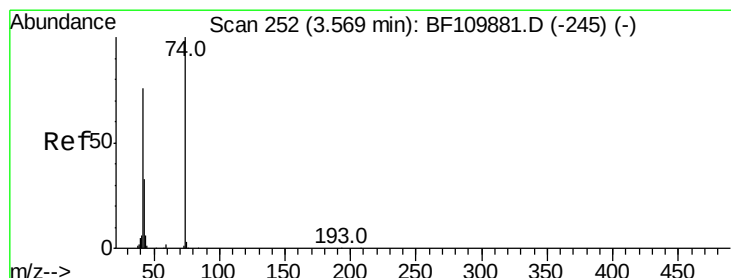
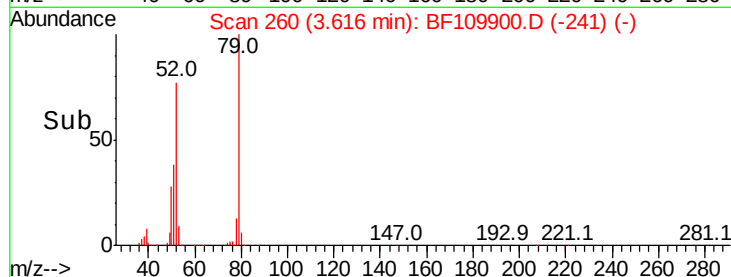
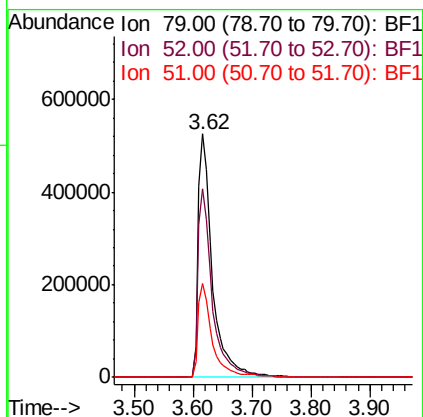
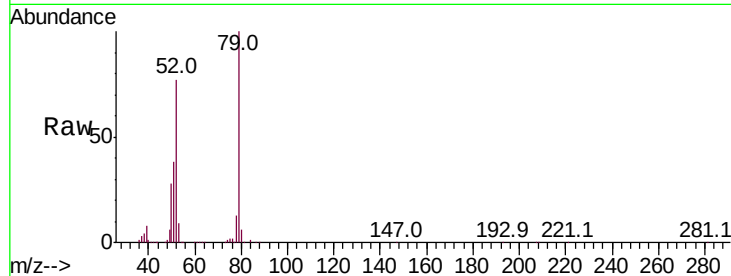
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	867857
Ion Ratio	Lower	Upper	
79	100		
52	77.2	53.1	79.7
51	38.5	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 39.786 ng

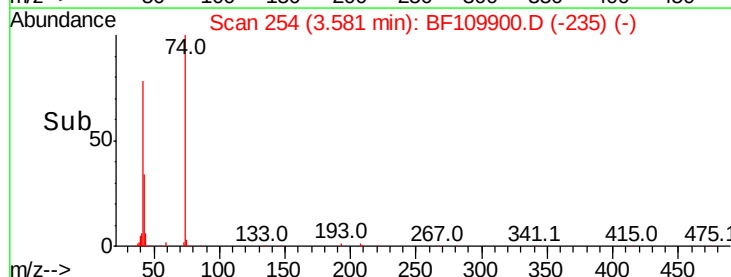
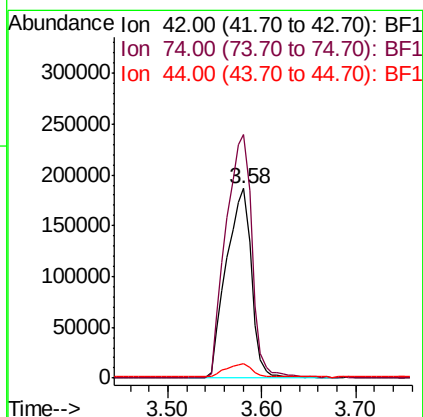
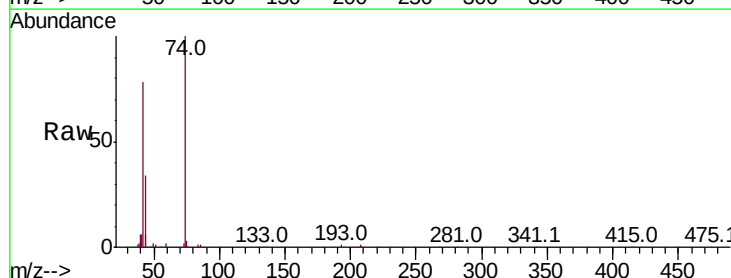
RT: 3.58 min Scan# 254

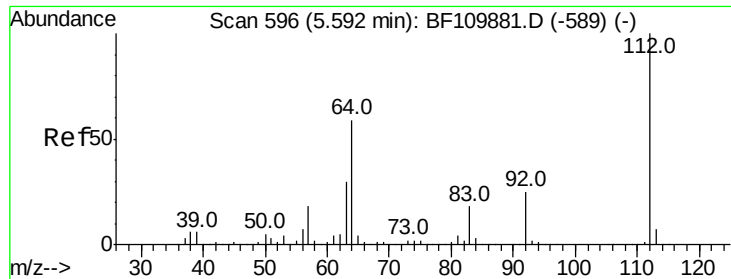
Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:	42	Resp:	351061
Ion Ratio	Lower	Upper	
42	100		
74	128.4	105.5	158.3
44	7.9	4.9	7.3#





#5

2-Fluorophenol

Concen: 78.520 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

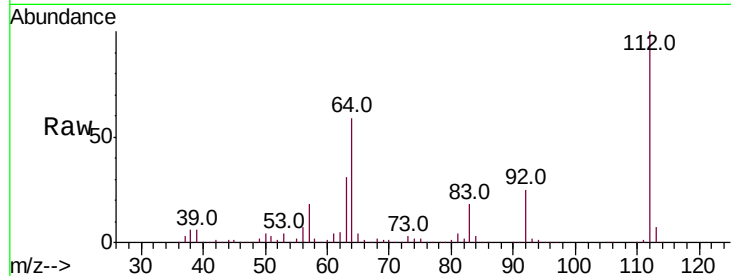
ClientSampleId :

SSTDCCC040

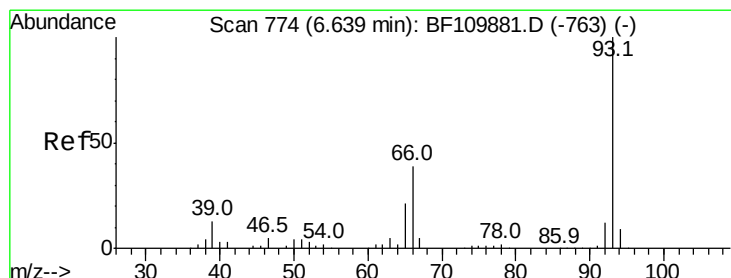
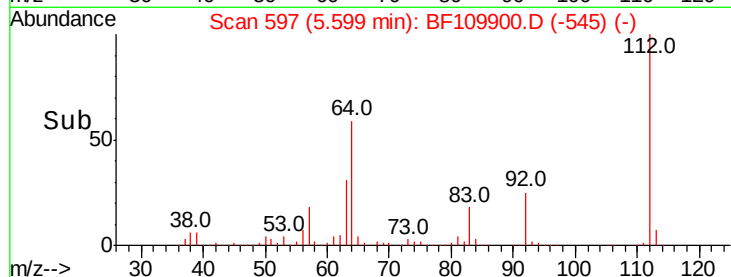
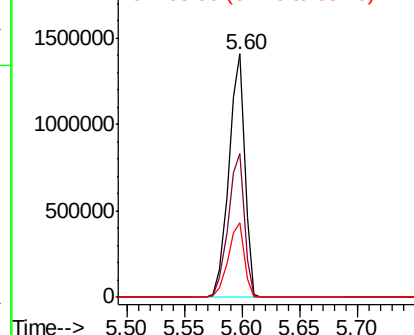
Tot Ion:	112	Resp:	1341301
Ion	Ratio	Lower	Upper
112	100		
64	59.3	44.1	66.1
63	30.5	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.251 ng

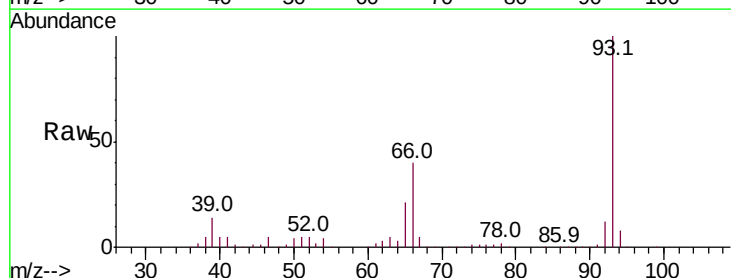
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

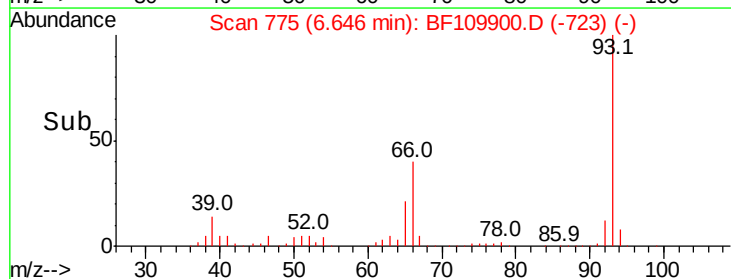
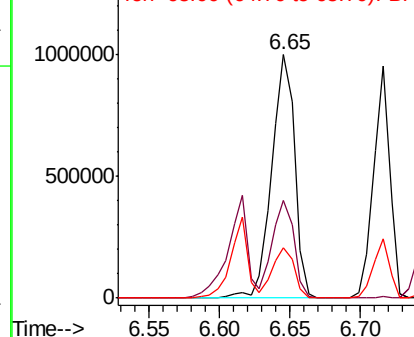
Lab File: BF109900.D

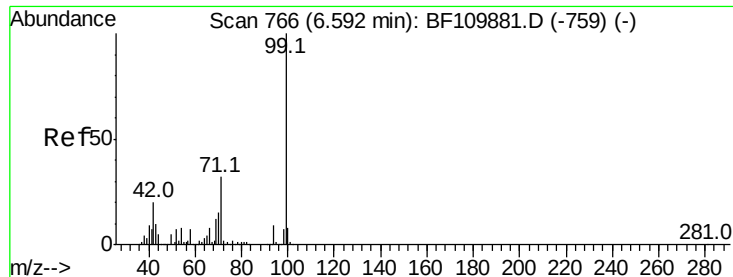
Acq: 16 Oct 2018 12:56

Tgt Ion:	93	Resp:	1150595
Ion	Ratio	Lower	Upper
93	100		
66	40.1	67.4	101.0#
65	20.8	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.160 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1700330

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

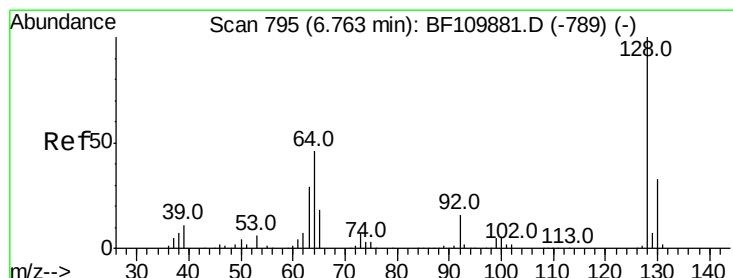
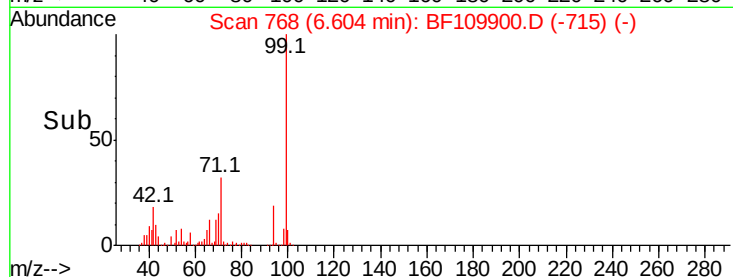
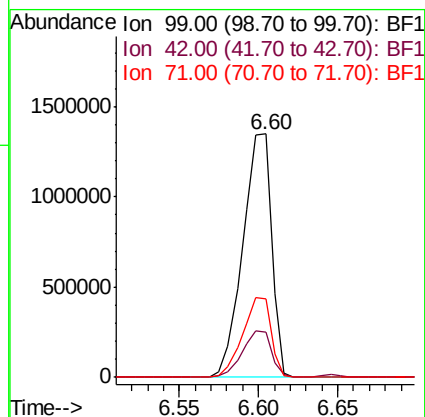
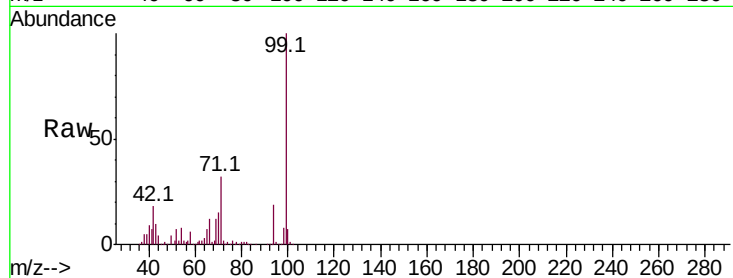
71 32.1 28.0 42.0

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#8

2-Chlorophenol

Concen: 40.664 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

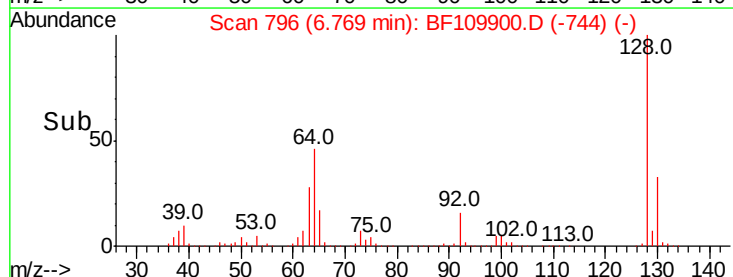
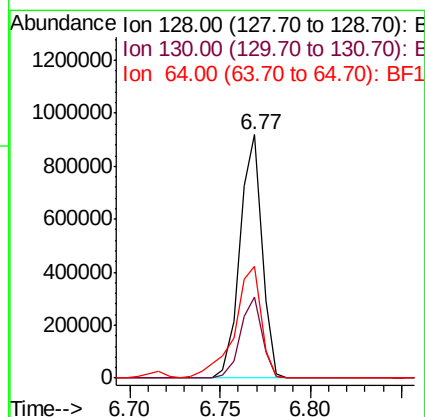
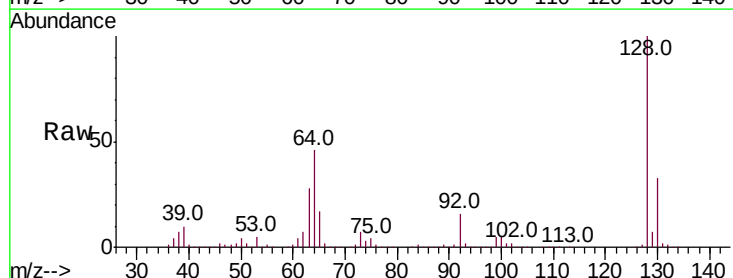
Tgt Ion: 128 Resp: 778091

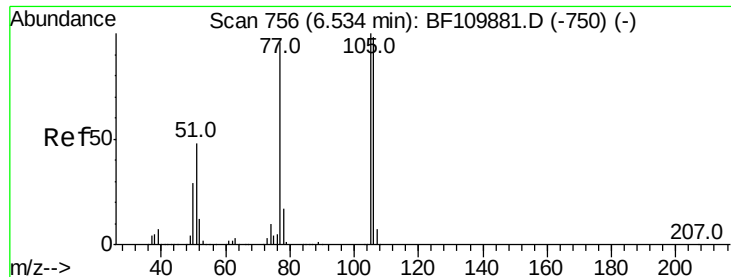
Ion Ratio Lower Upper

128 100

130 33.3 13.1 53.1

64 46.0 26.0 66.0





#9

Benzaldehyde

Concen: 39.937 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

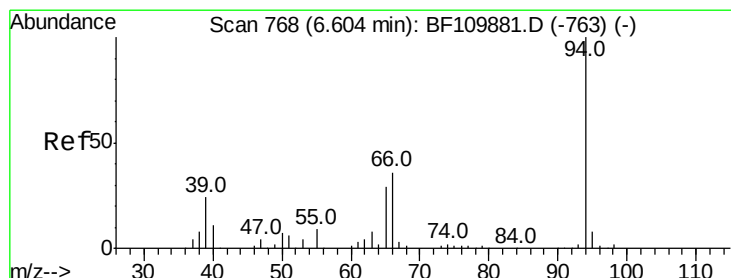
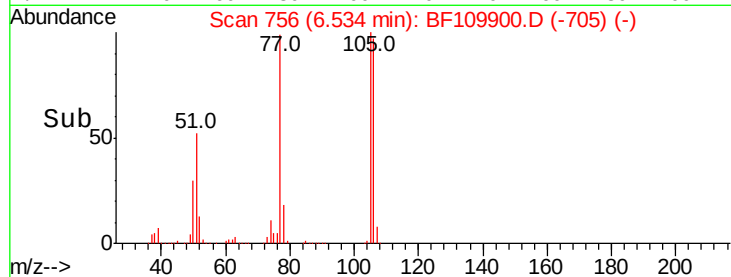
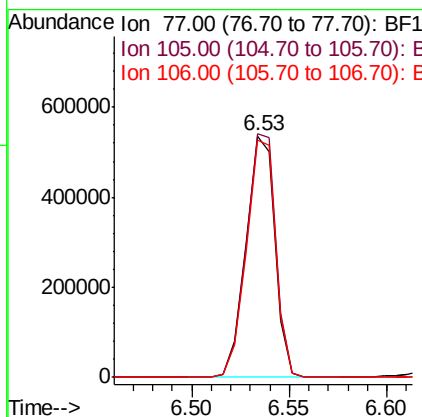
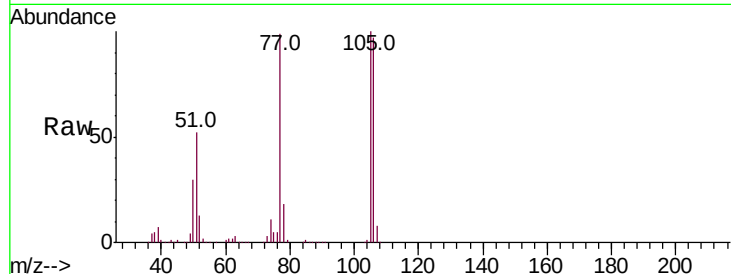
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	550506
Ion Ratio	Lower	Upper	
77	100		
105	100.8	78.6	118.6
106	98.2	74.8	114.8

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#10

Phenol

Concen: 40.317 ng

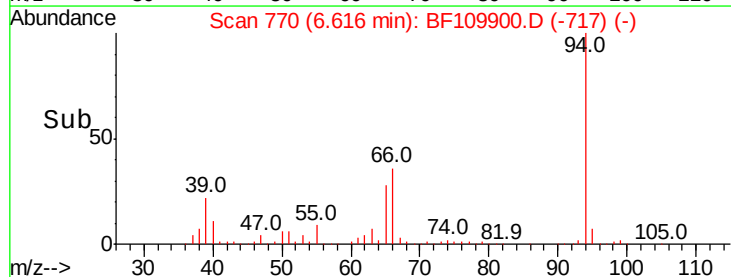
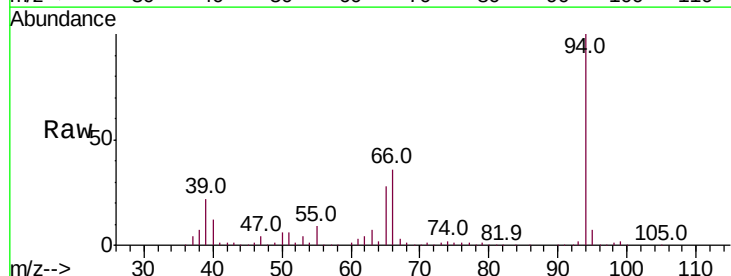
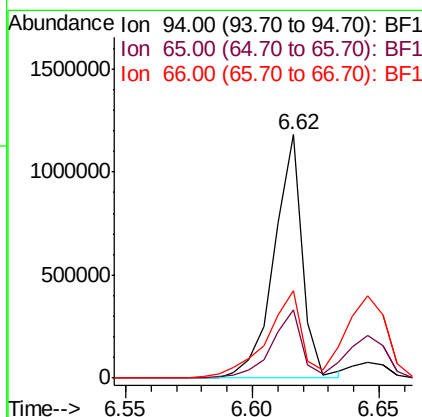
RT: 6.62 min Scan# 770

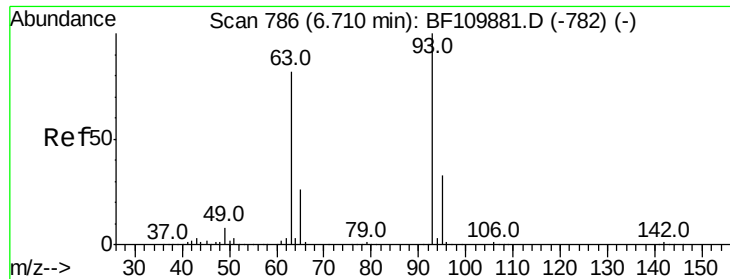
Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:	94	Resp:	923322
Ion Ratio	Lower	Upper	
94	100		
65	28.1	25.3	65.3
66	35.7	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.885 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

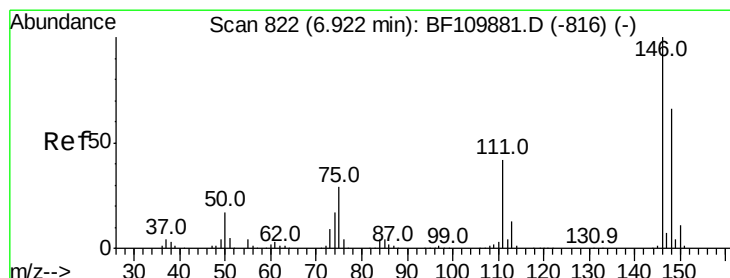
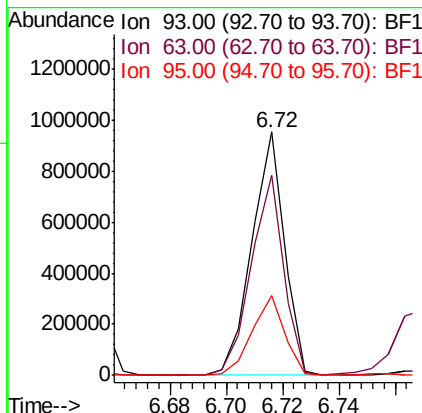
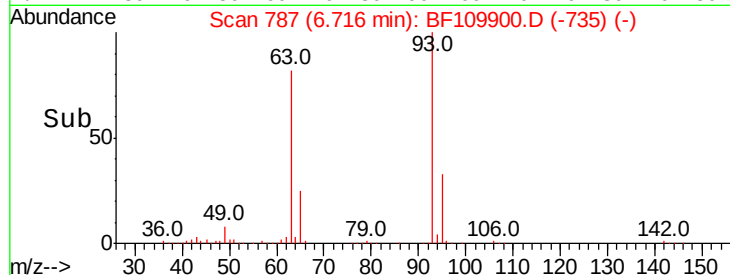
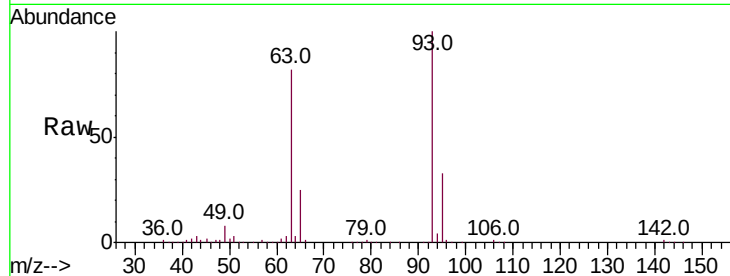
ClientSampleId :

SSTDCCC040

Tot Ion	93	Resp	763746
Ion Ratio	Lower	Upper	
93	100		
63	82.0	53.4	93.4
95	33.0	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 40.060 ng

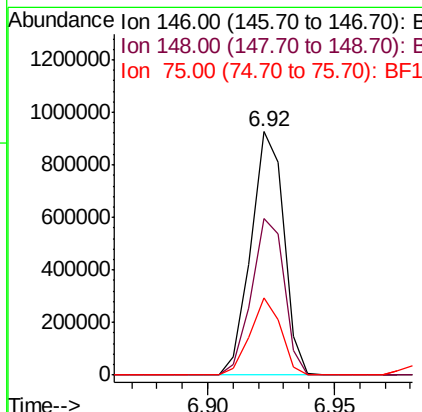
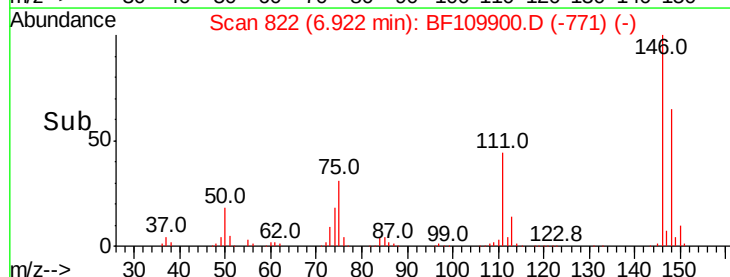
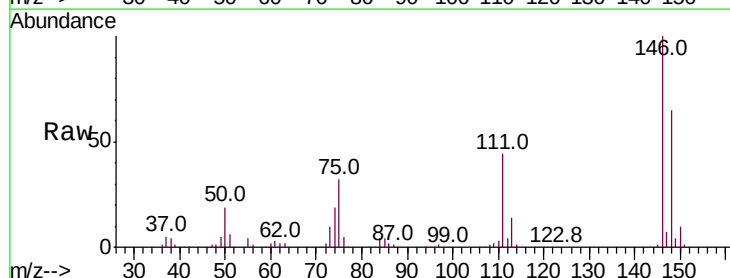
RT: 6.92 min Scan# 822

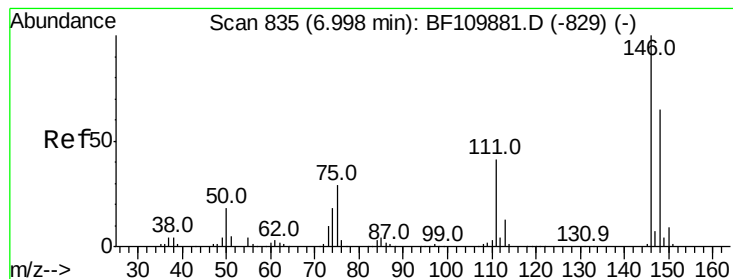
Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion	146	Resp	840537
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.4	75.6
75	31.8	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.690 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

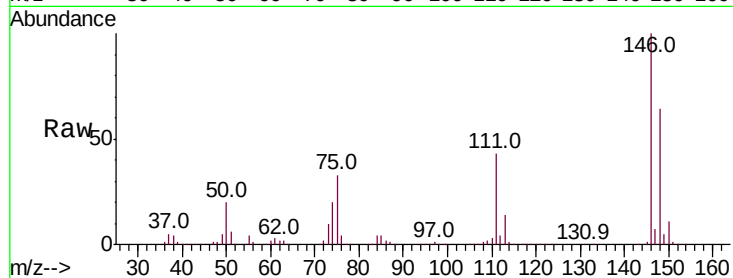
ClientSampleId :

SSTDCCC040

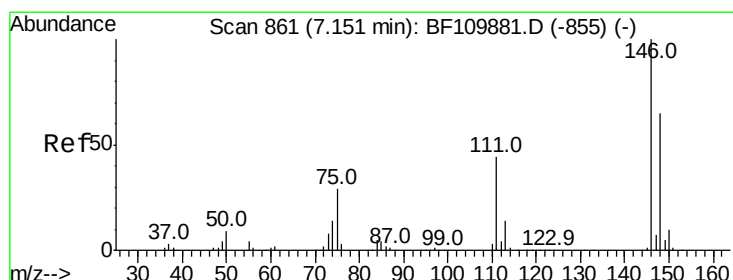
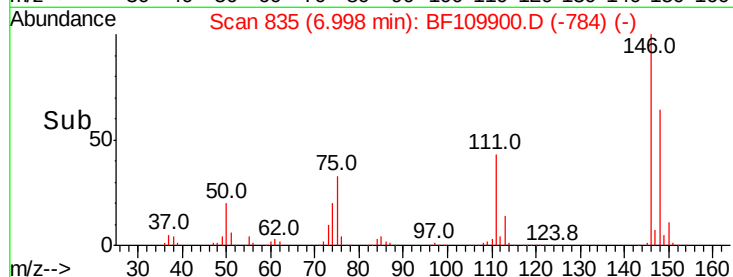
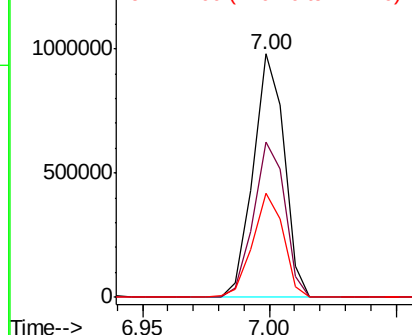
Tot Ion:	146	Resp:	838690
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.3	75.5
111	42.8	32.7	49.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.992 ng

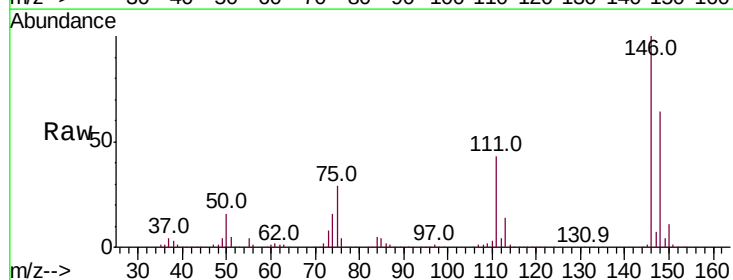
RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

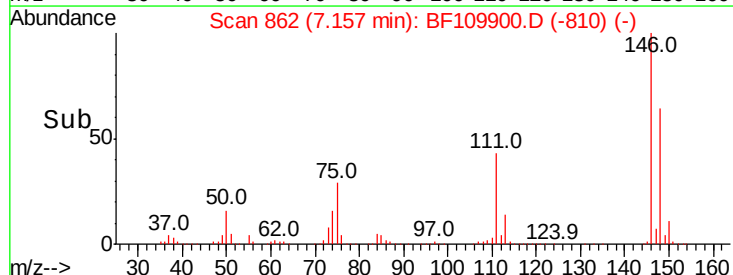
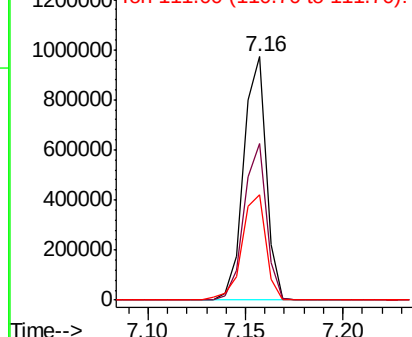
Lab File: BF109900.D

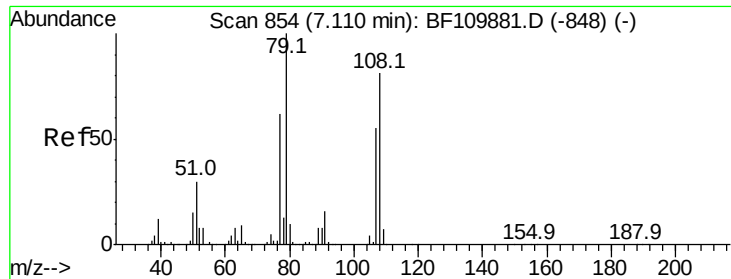
Acq: 16 Oct 2018 12:56

Tgt Ion:	146	Resp:	778180
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.1	76.7
111	43.2	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.684 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

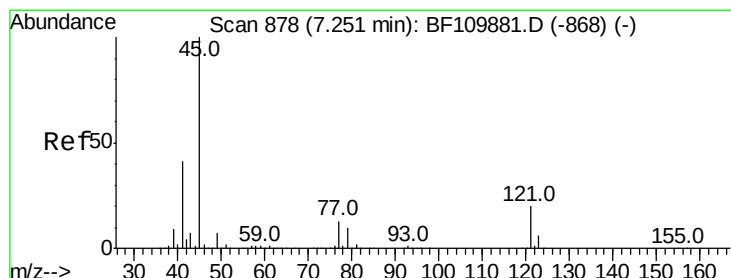
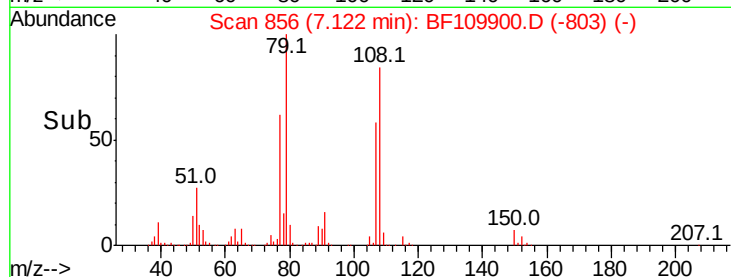
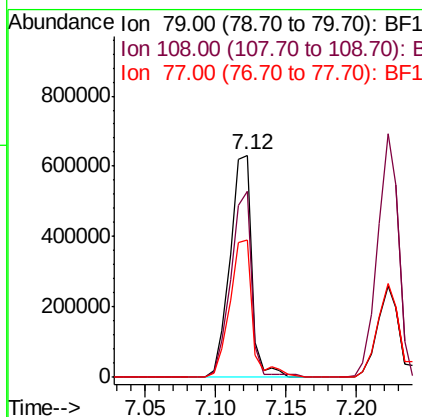
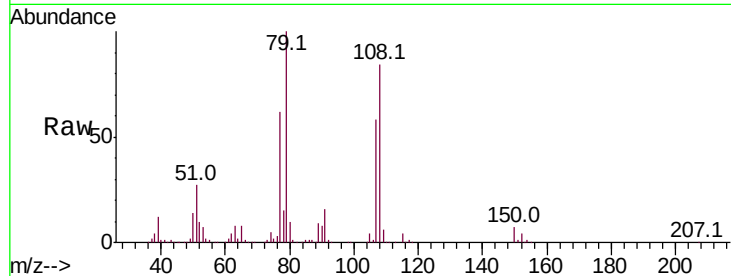
ClientSampleId :

SSTDCCC040

Tot Ion	79	108	77
Resp:	680238	84.0	61.9
Lower		56.3	52.9
Upper		84.5	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.689 ng

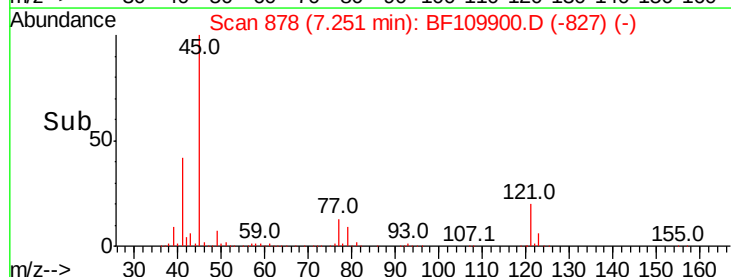
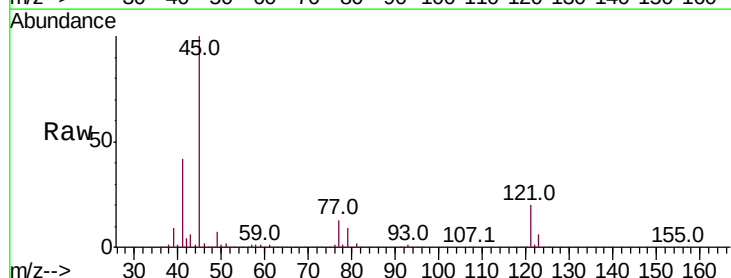
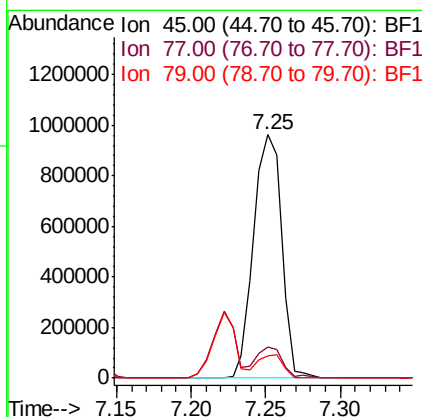
RT: 7.25 min Scan# 878

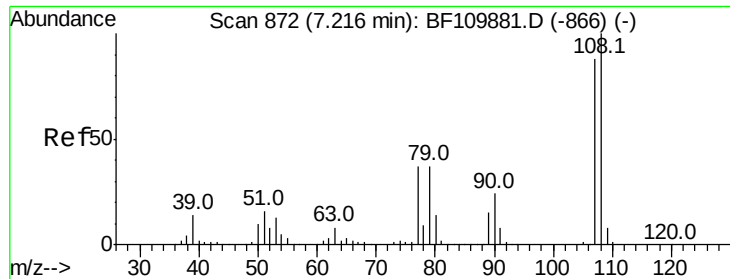
Delta R.T. 0.00 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion	45	77	79
Resp:	1247384	12.6	9.1
Lower		10.0	6.1
Upper		50.0	46.1





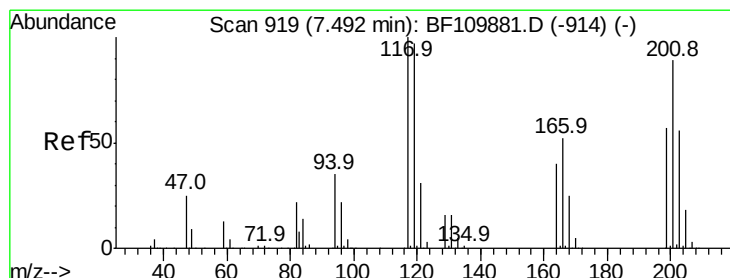
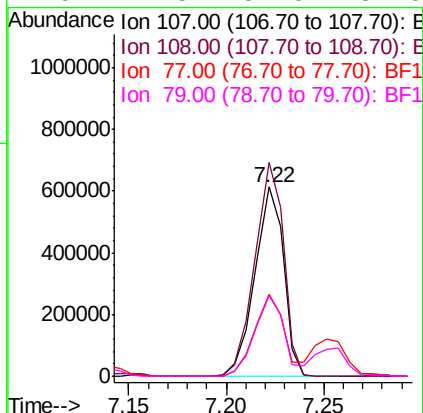
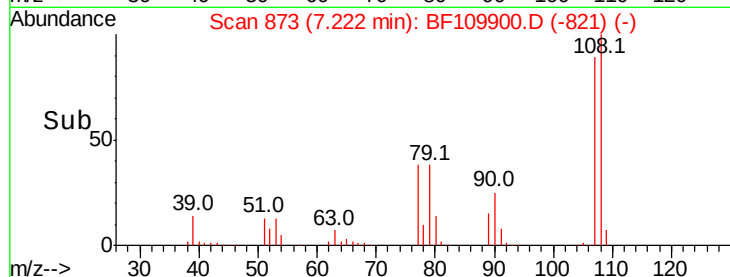
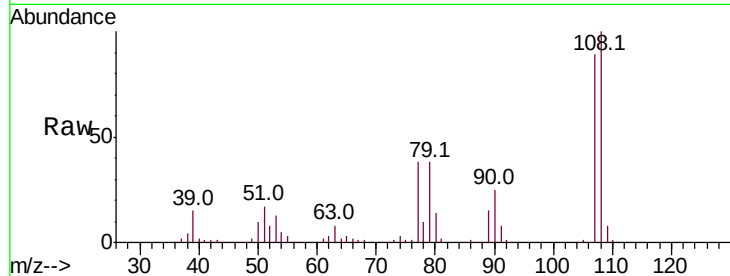
#17
2-Methylphenol
Concen: 40.638 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	92.6	138.8
77	43.3	59.4	89.2#
79	42.5	54.0	81.0#

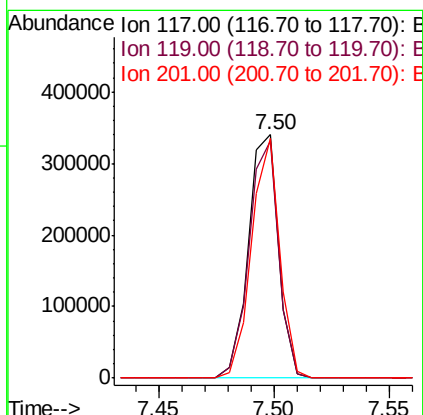
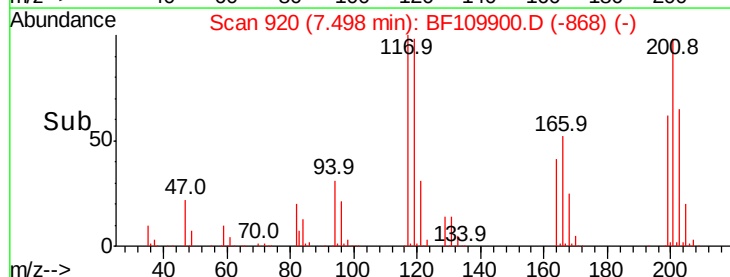
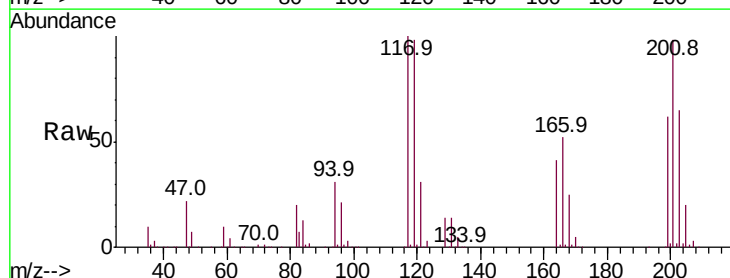
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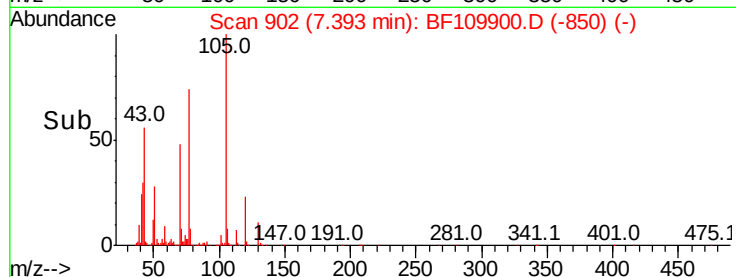
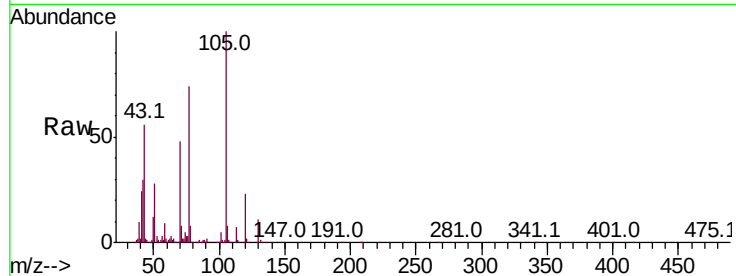
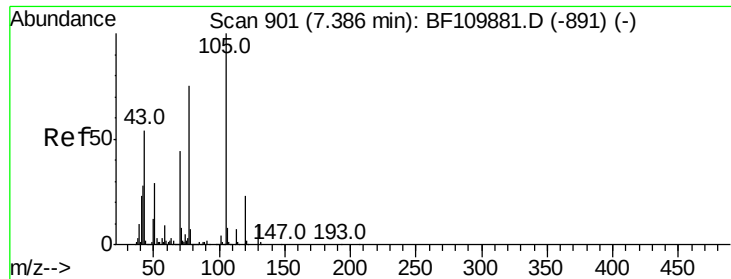
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#18
Hexachloroethane
Concen: 41.670 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.0	112.6
201	98.3	79.2	118.8





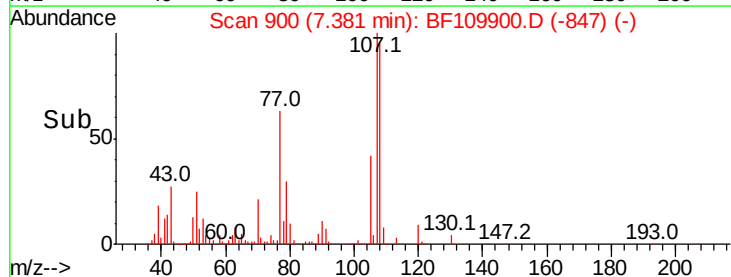
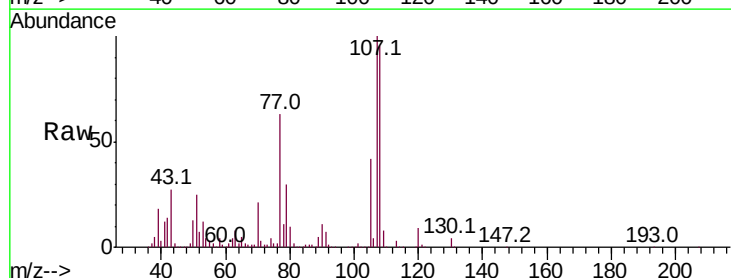
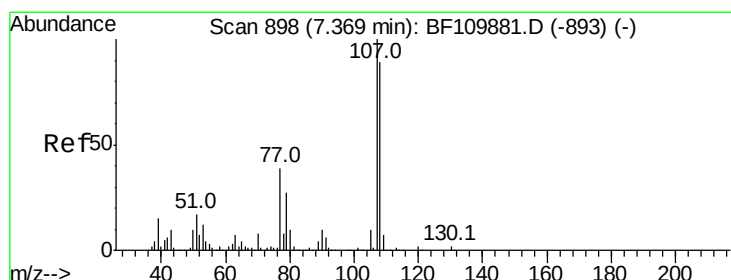
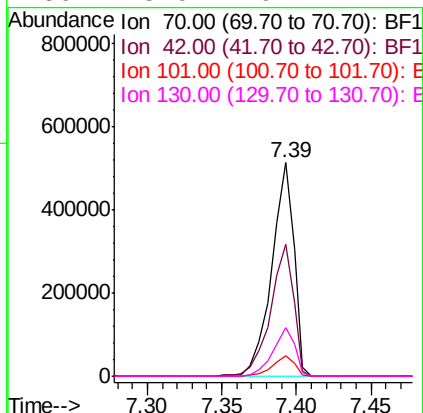
#19
n-Nitroso-di-n-propylamine
Concen: 38.982 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.4	71.2
101	9.9	7.3	10.9
130	23.0	16.2	24.2

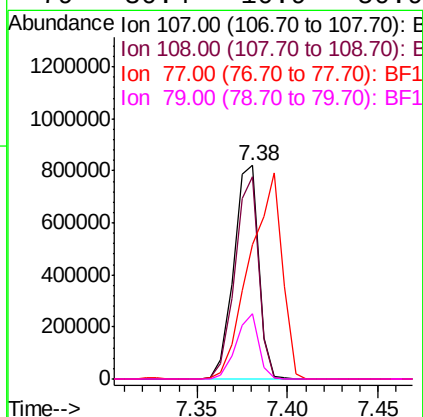
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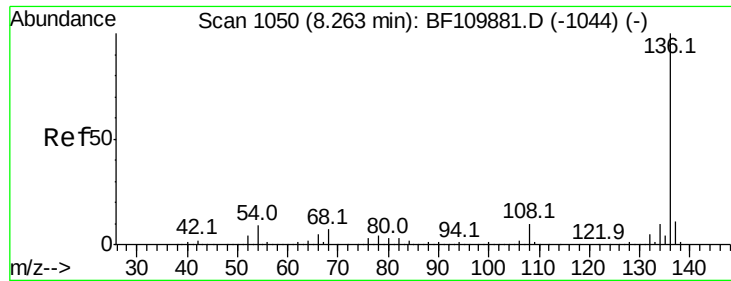
Sohil
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#20
3+4-Methylphenols
Concen: 40.184 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	71.4	111.4
77	62.8	47.3	87.3
79	30.4	10.9	50.9





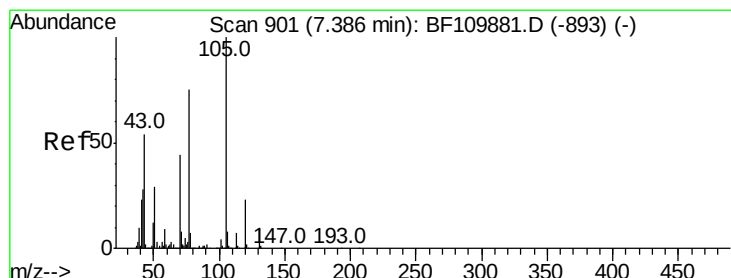
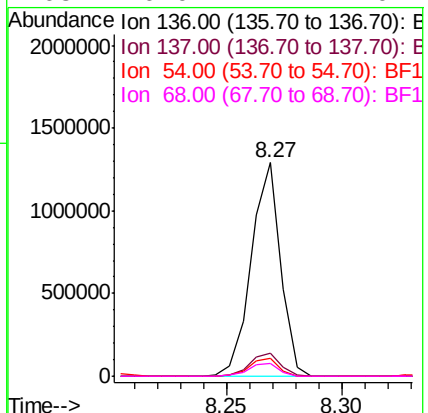
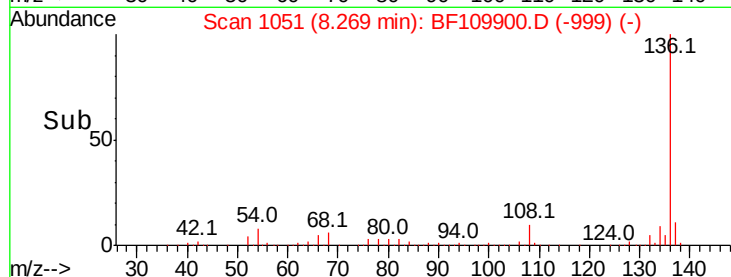
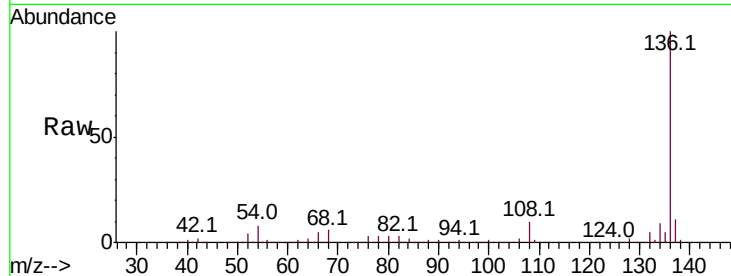
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	5.4	8.2#
68	6.0	4.2	6.2

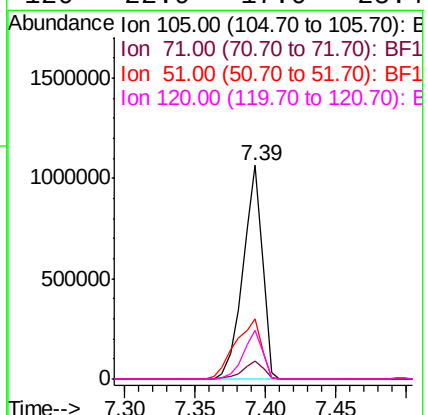
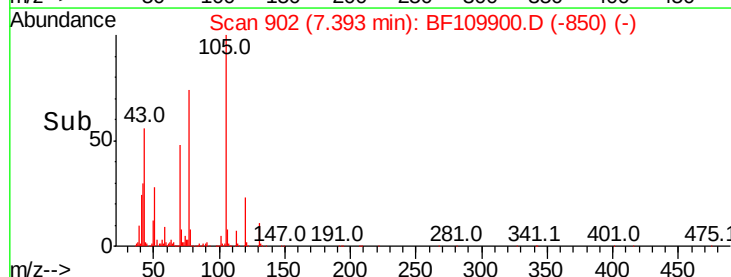
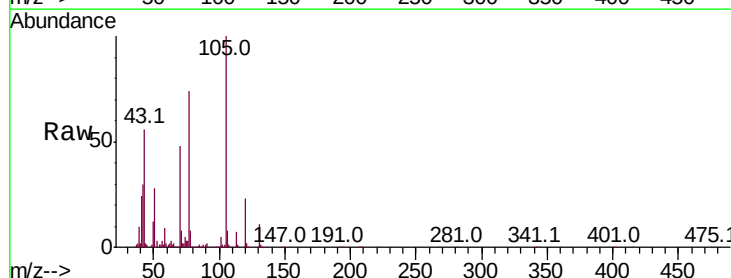
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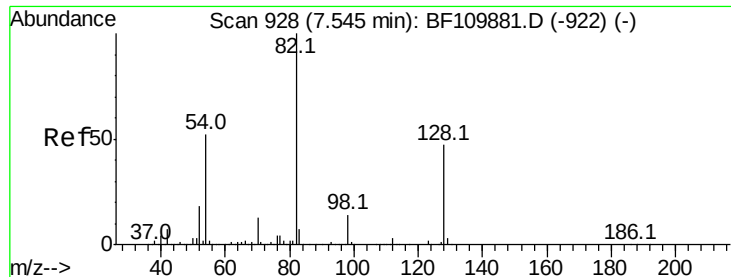
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#22
Acetophenone
Concen: 38.169 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.2	7.8#
51	28.3	21.8	32.8
120	22.9	17.0	25.4





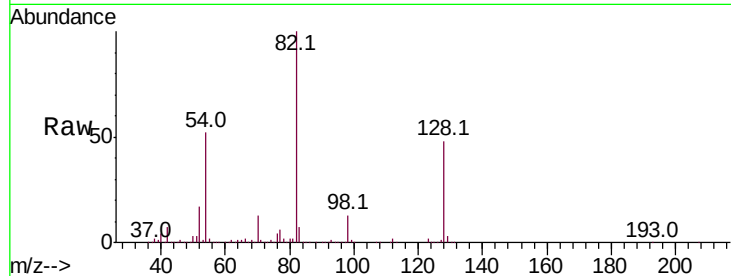
#23
Nitrobenzene-d5
Concen: 88.506 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

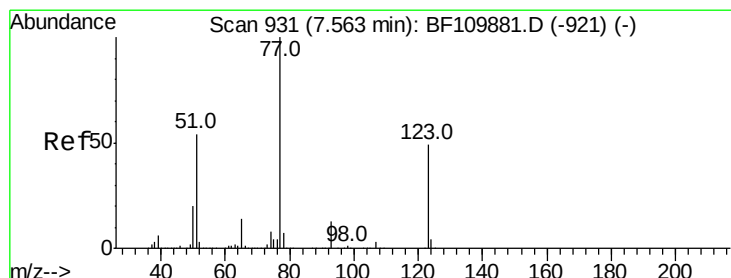
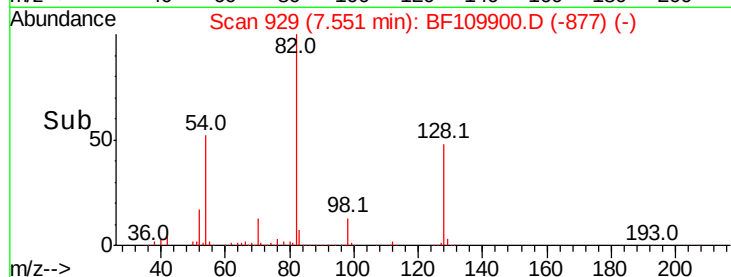
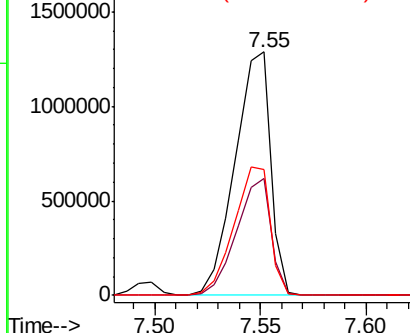
Tot Ion: 82 Resp: 1504628
Ion Ratio Lower Upper
82 100
128 48.2 34.2 51.2
54 51.5 38.6 58.0

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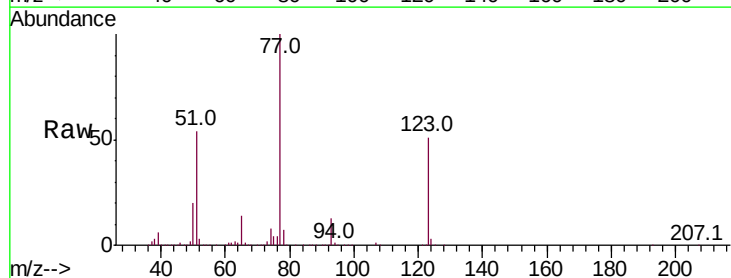


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

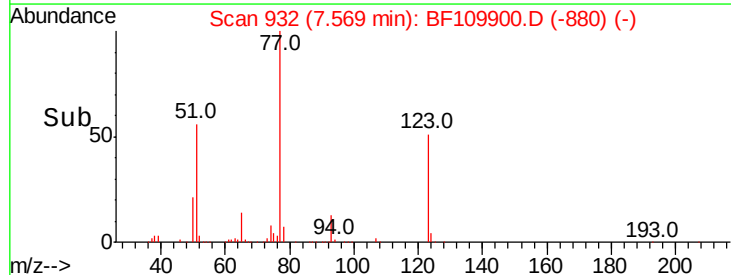
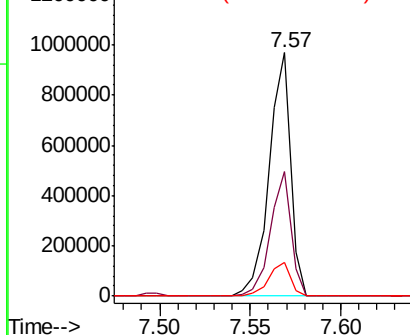


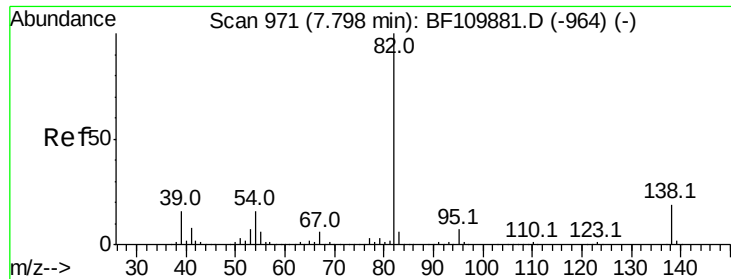
#24
Nitrobenzene
Concen: 43.245 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion: 77 Resp: 798659
Ion Ratio Lower Upper
77 100
123 51.1 35.7 53.5
65 13.6 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.005 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1302918

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

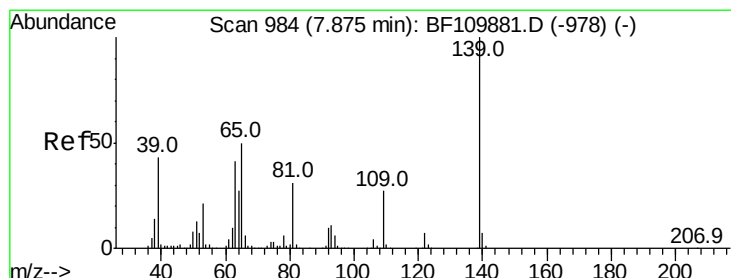
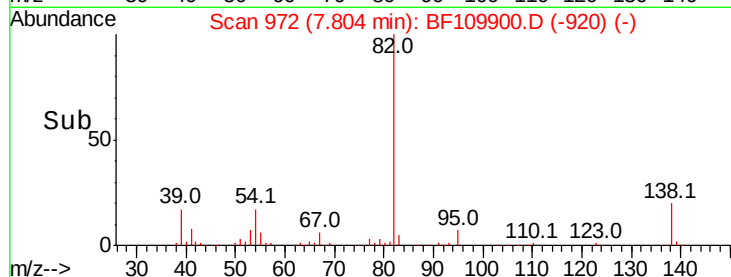
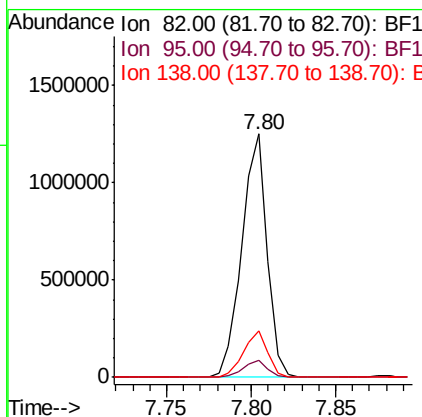
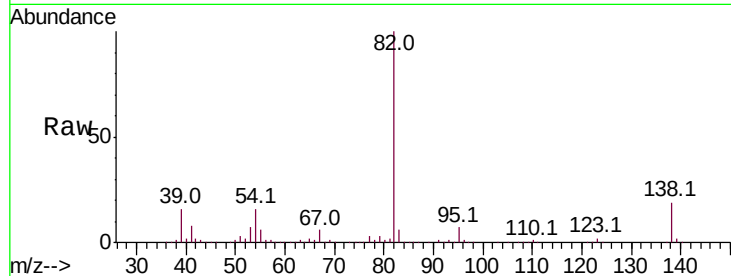
138 19.1 13.2 19.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.938 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

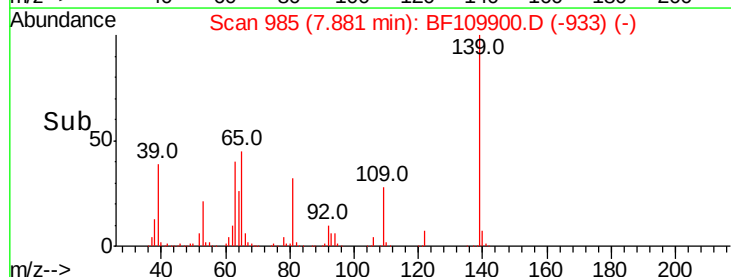
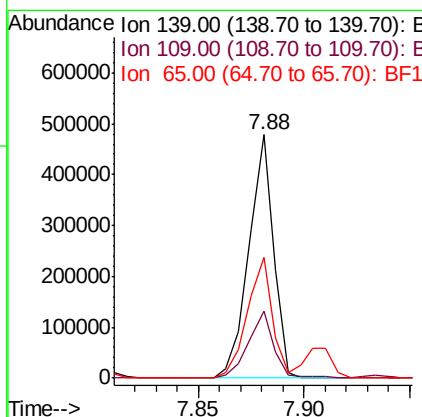
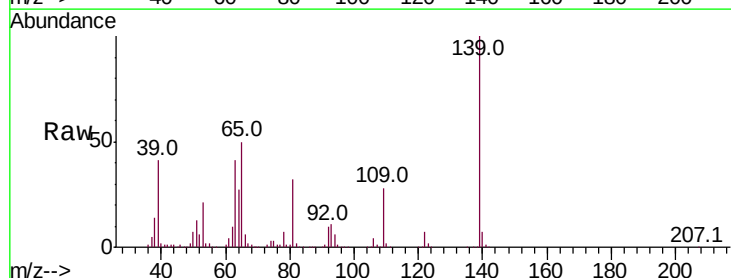
Tgt Ion: 139 Resp: 390043

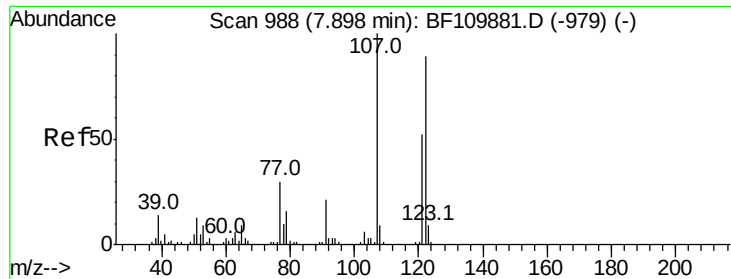
Ion Ratio Lower Upper

139 100

109 27.8 25.0 37.6

65 49.8 44.0 66.0





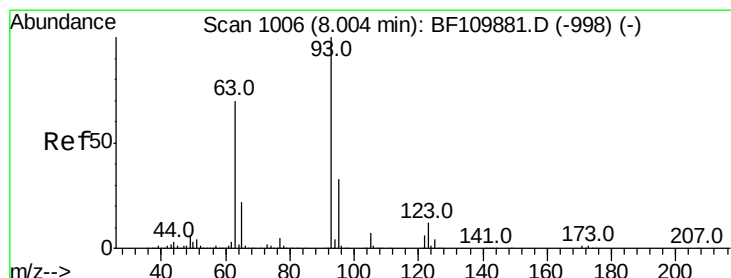
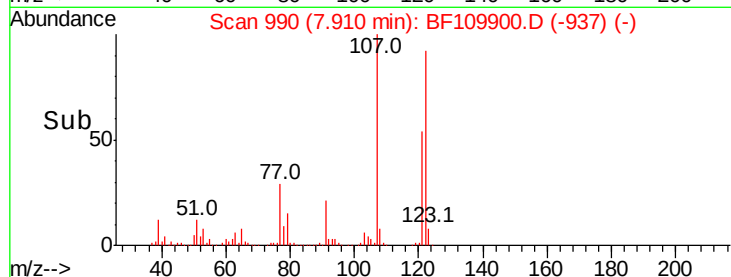
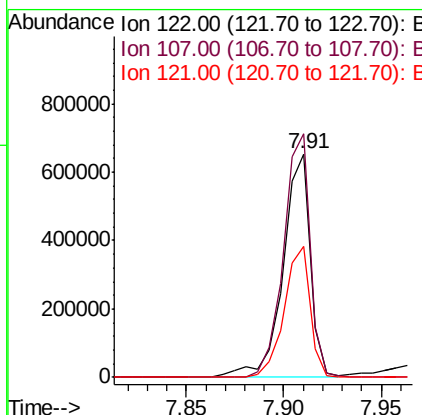
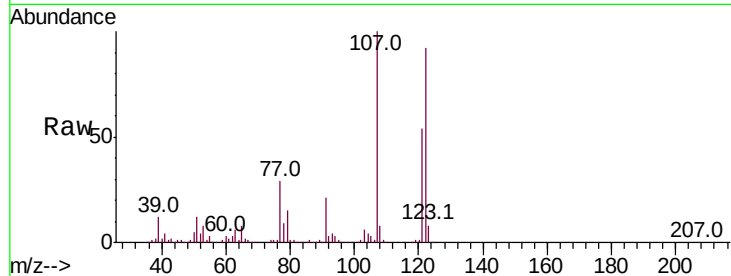
#27
2,4-Dimethylphenol
Concen: 39.440 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	634573		
107	108.8	92.5	138.7	
121	58.3	45.8	68.8	

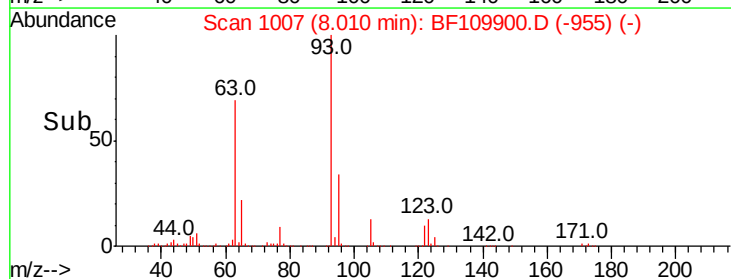
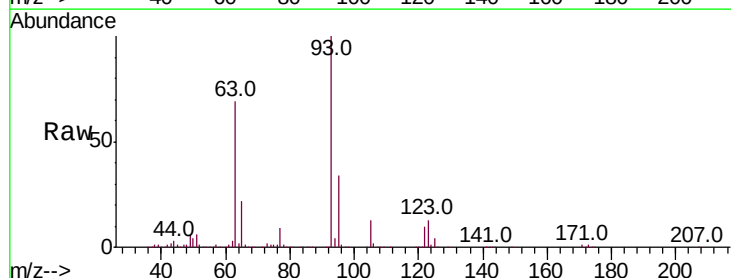
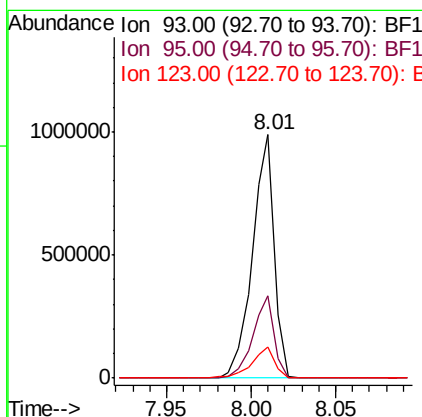
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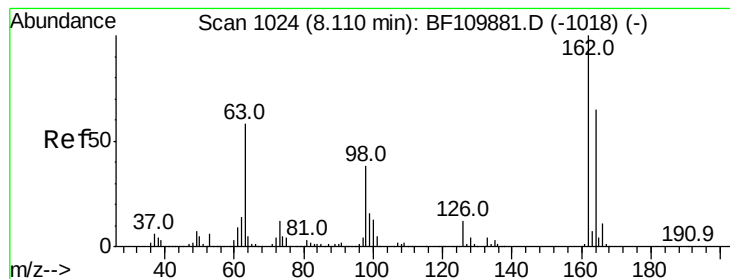
Sohil
10/17/2018 11:15:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.904 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	891864		
95	33.6	26.4	39.6	
123	12.6	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 40.512 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

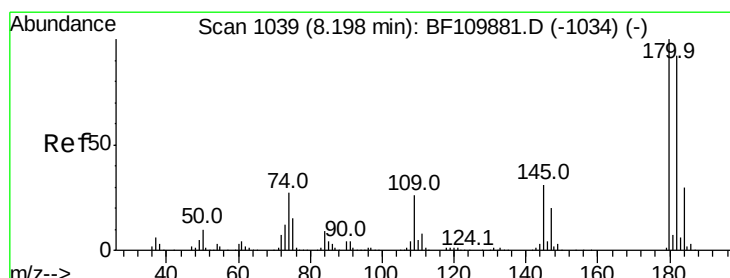
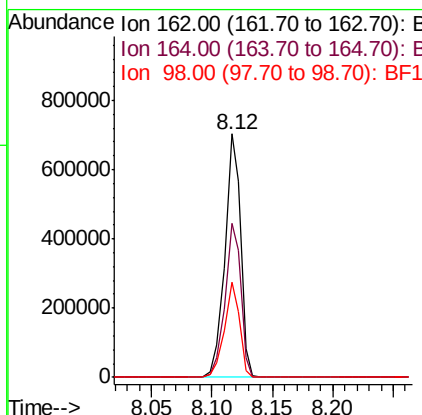
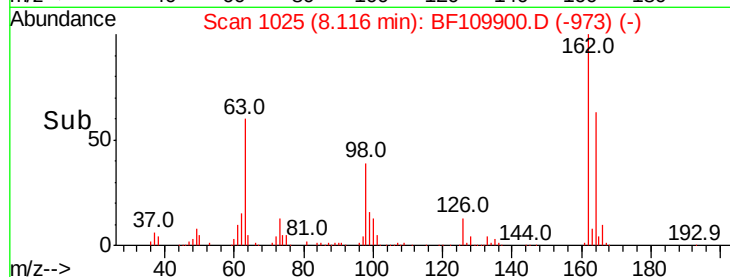
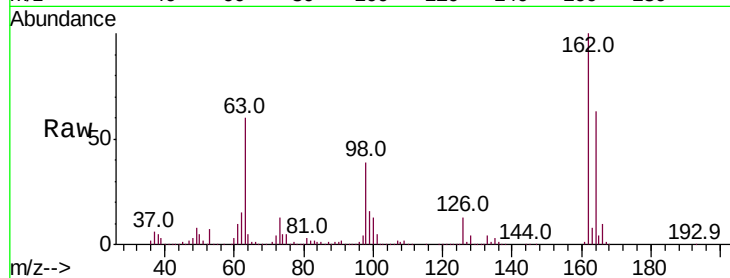
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	632322		
164	63.1	44.6	84.6	
98	39.3	17.4	57.4	

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#30

1,2,4-Trichlorobenzene

Concen: 39.272 ng

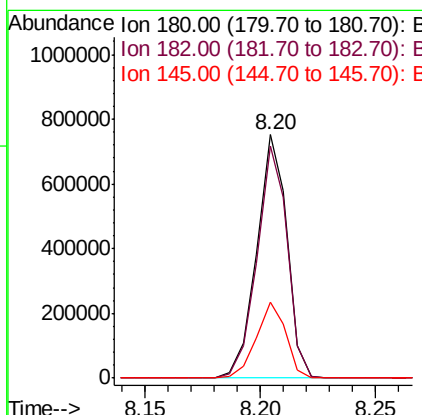
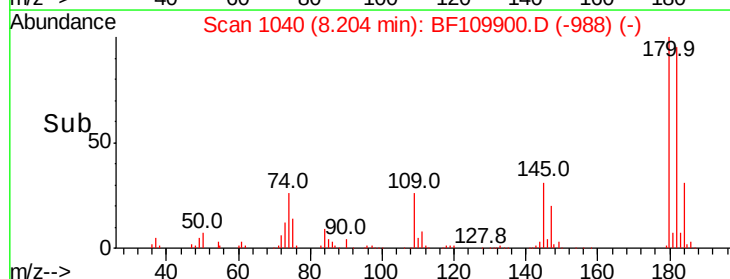
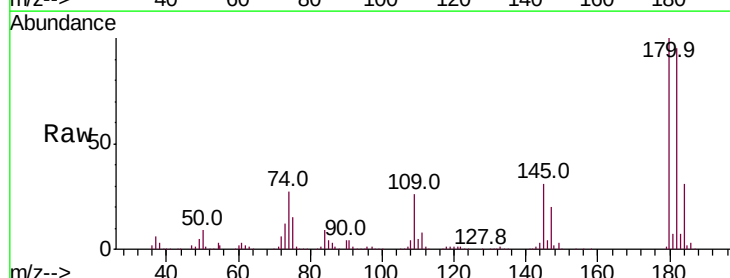
RT: 8.20 min Scan# 1040

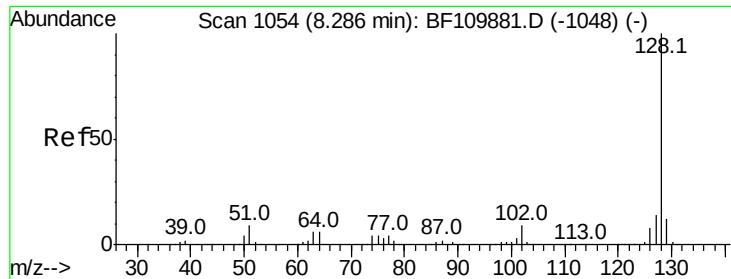
Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	686336		
182	95.5	80.3	120.5	
145	31.4	25.4	38.0	





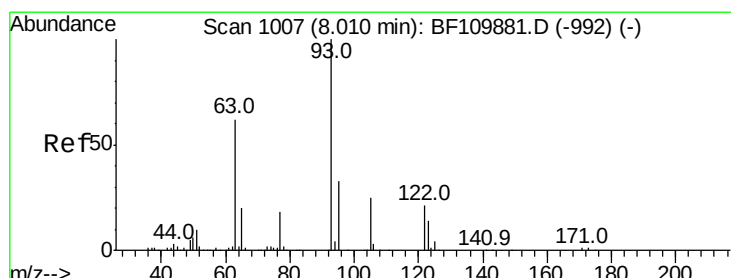
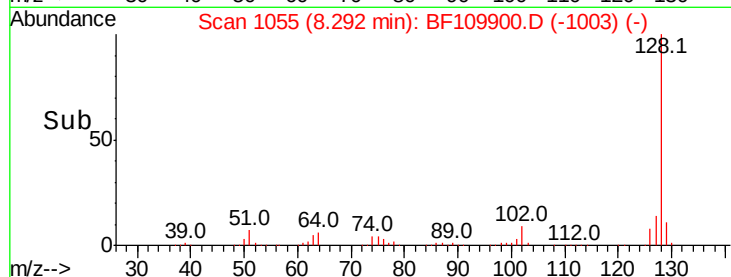
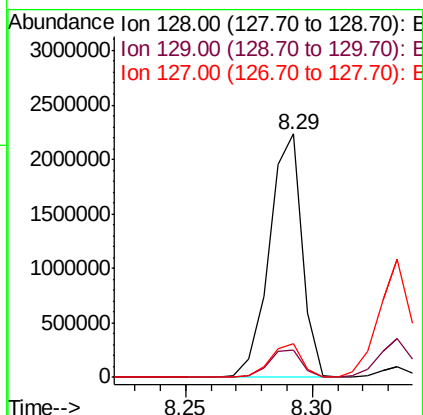
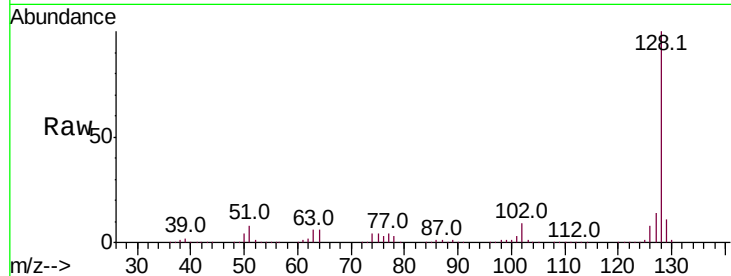
#31
Naphthalene
Concen: 38.509 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2022309
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.8 16.2

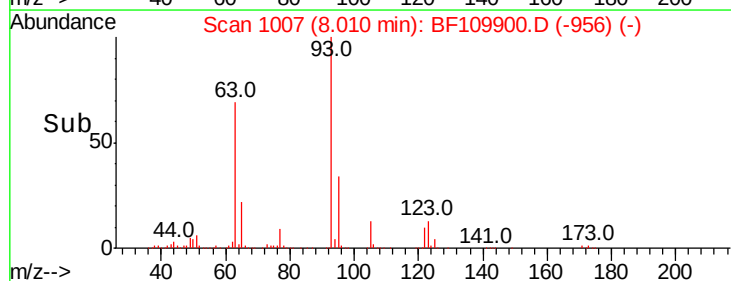
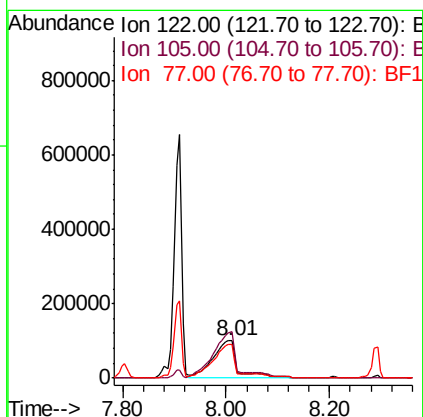
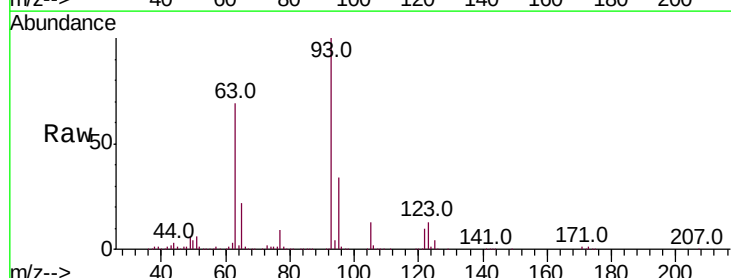
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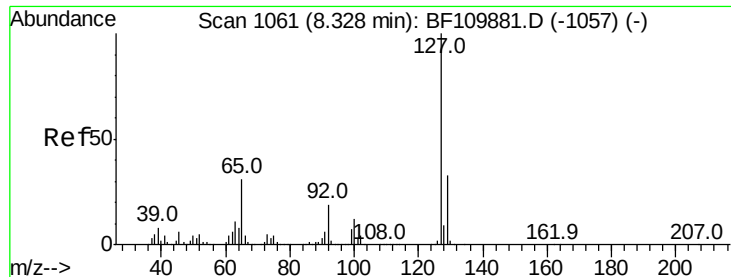
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#32
Benzoic acid
Concen: 32.341 ng m
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:122 Resp: 324211
Ion Ratio Lower Upper
122 100
105 123.3 109.0 149.0
77 91.8 79.0 119.0





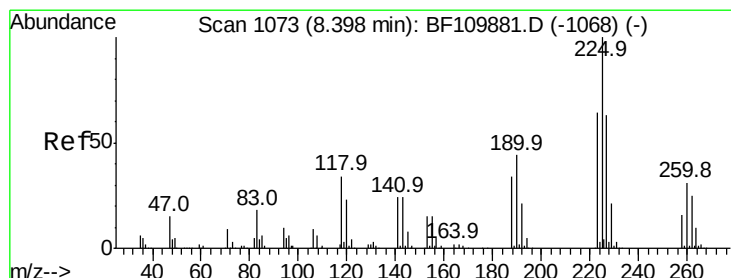
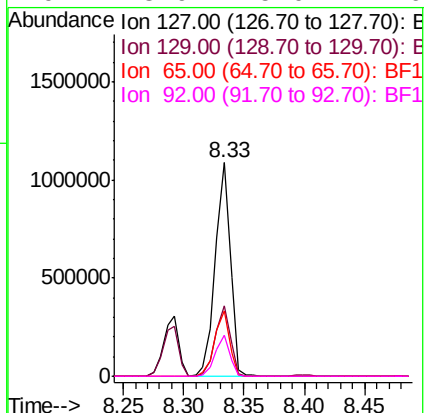
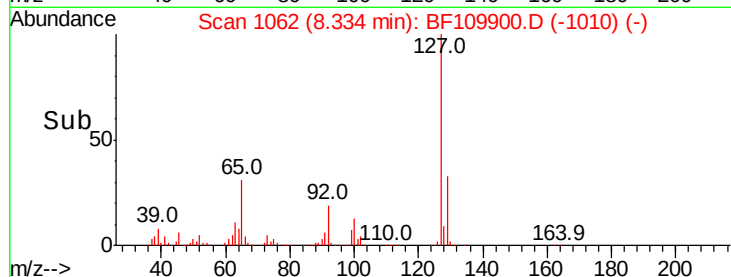
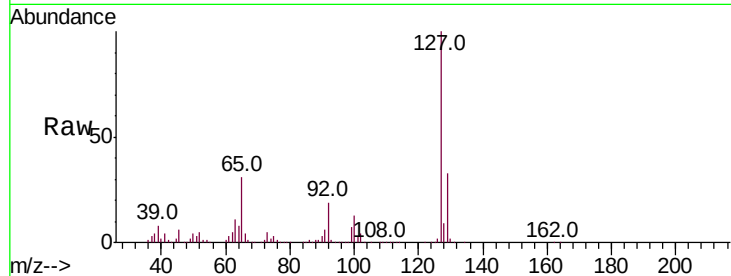
#33
4-Chloroaniline
Concen: 39.374 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.0	39.0	
65	30.8	25.1	37.7	
92	18.9	15.0	22.6	

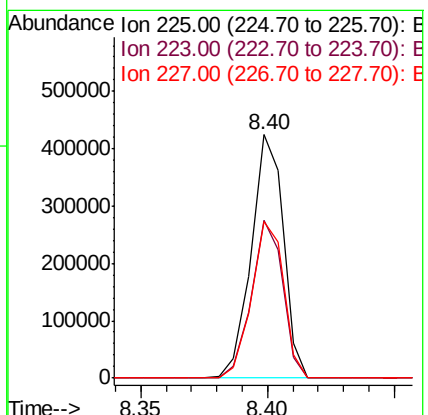
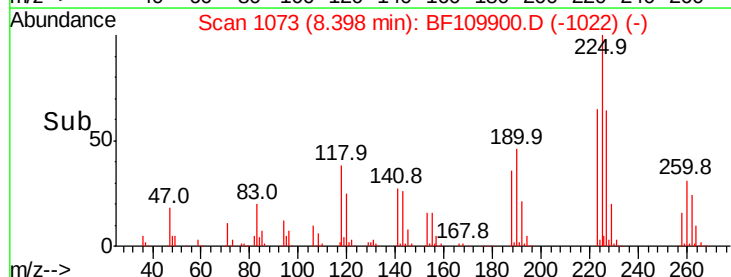
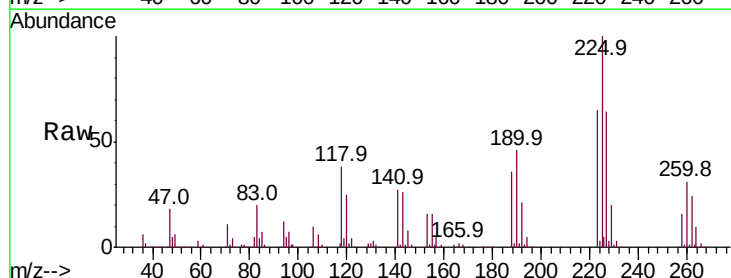
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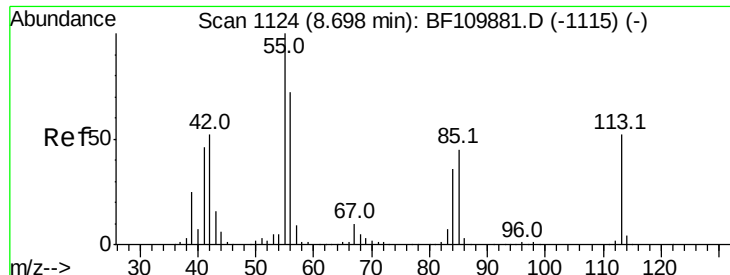
Sohil
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#34
Hexachlorobutadiene
Concen: 38.981 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	51.4	77.2	
227	64.1	51.0	76.6	





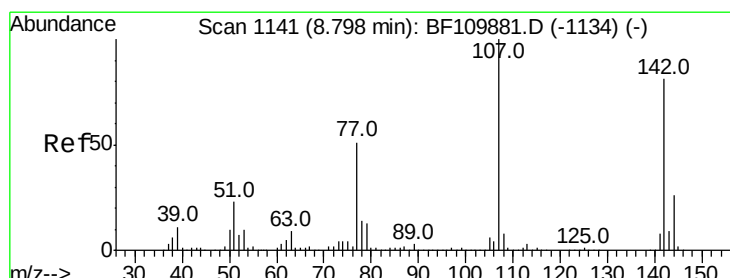
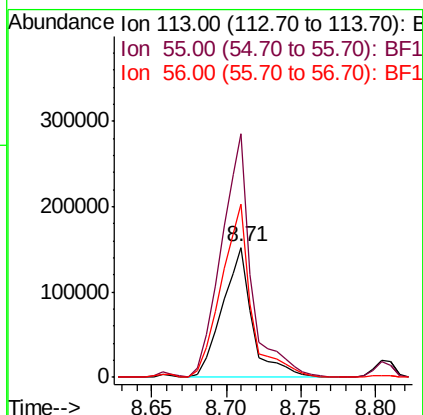
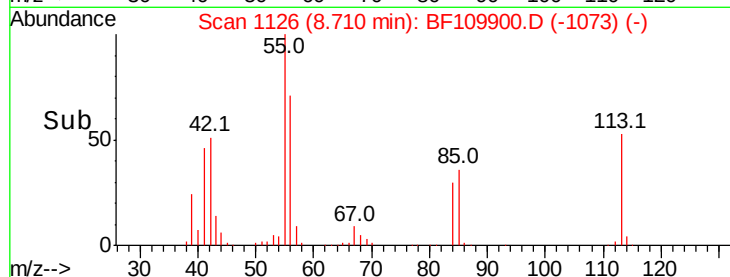
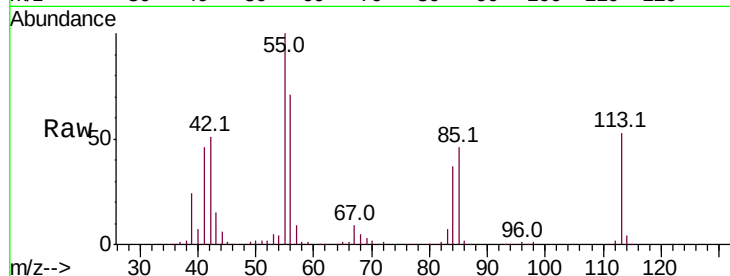
#35
 Caprolactam
 Concen: 38.808 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.6	142.8	182.8#
56	133.9	105.0	145.0

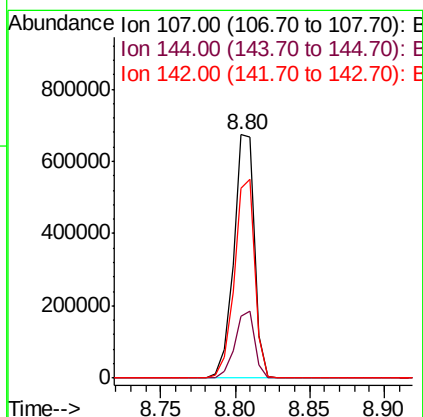
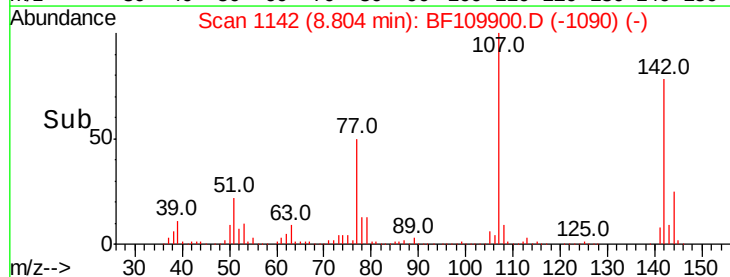
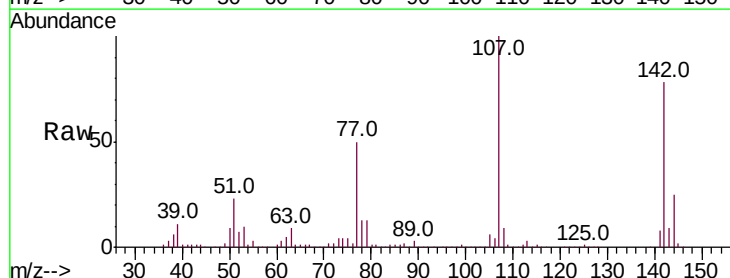
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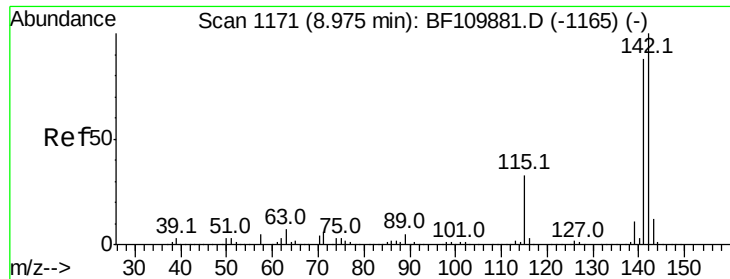
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 40.268 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.0	30.0
142	77.7	59.7	89.5





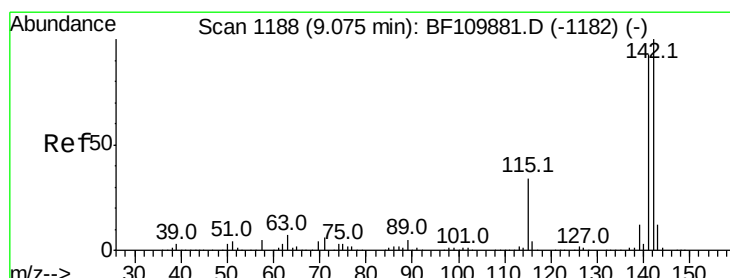
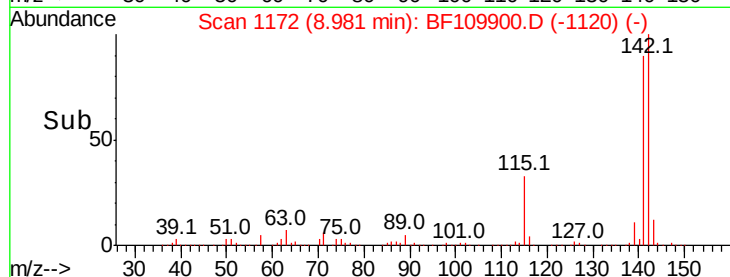
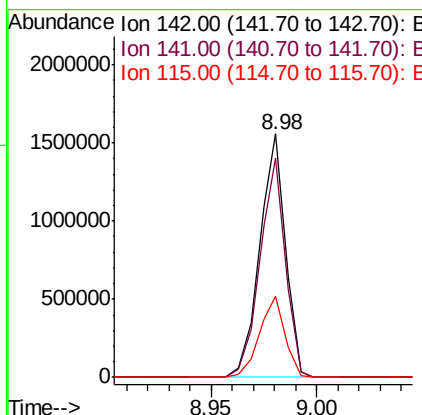
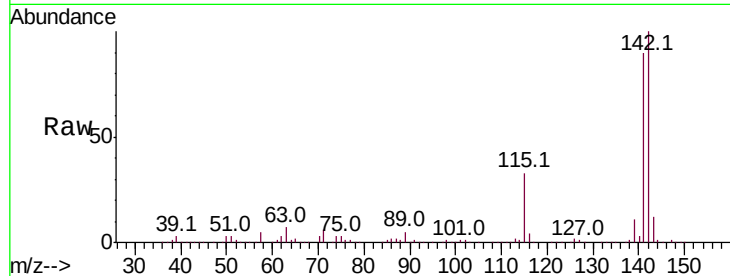
#37
2-Methylnaphthalene
Concen: 38.905 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	33.0	28.7	43.1

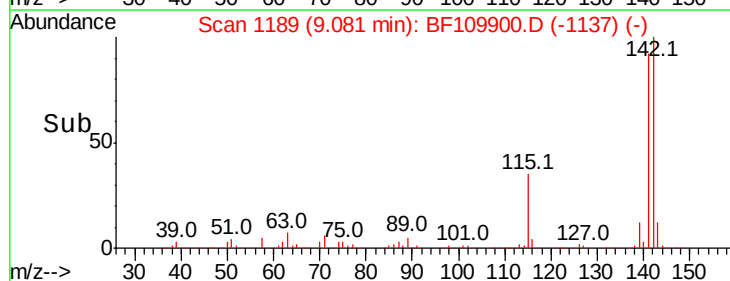
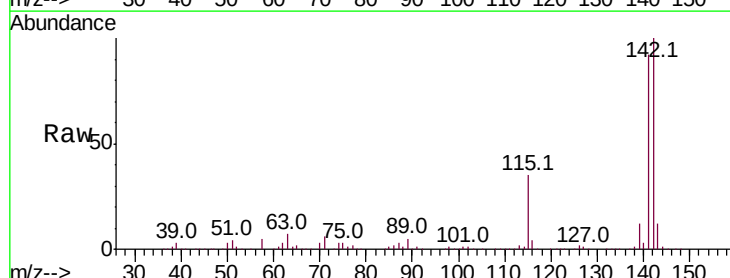
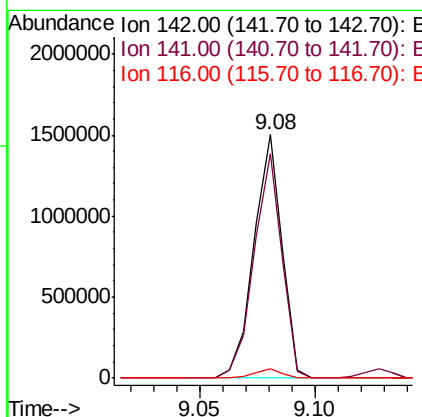
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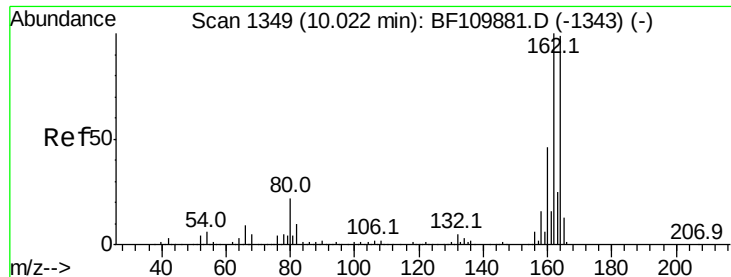
Sohil
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#38
1-Methylnaphthalene
Concen: 38.644 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	3.6	2.6	4.0





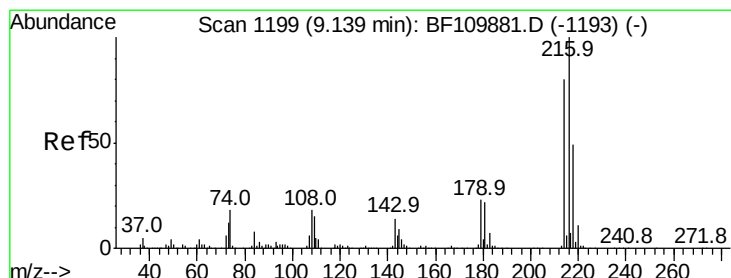
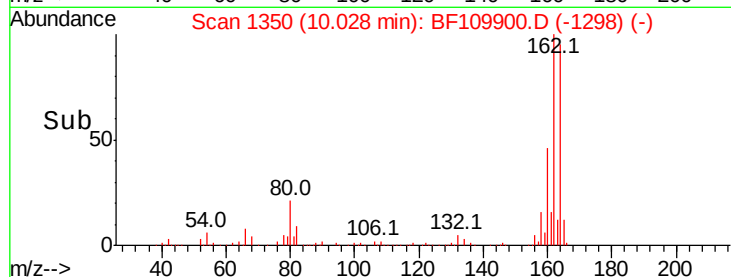
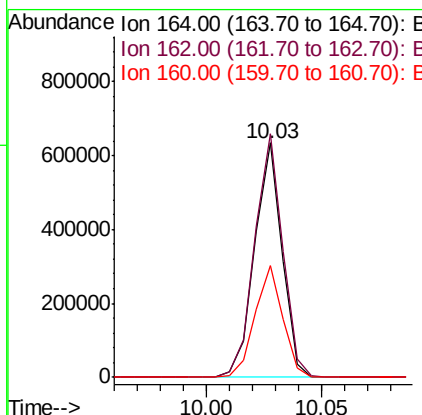
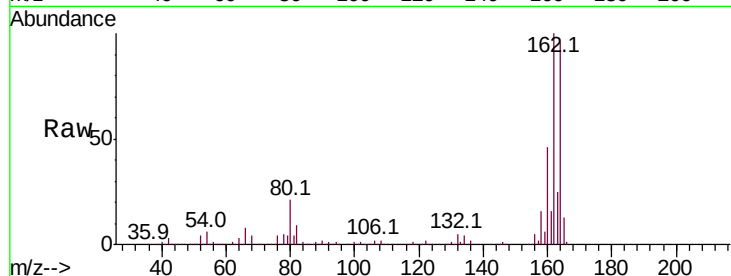
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	47.8	37.0	55.6

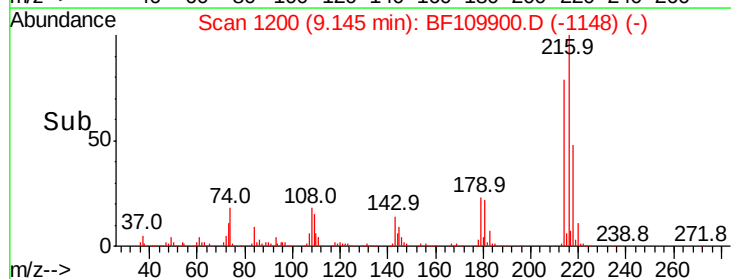
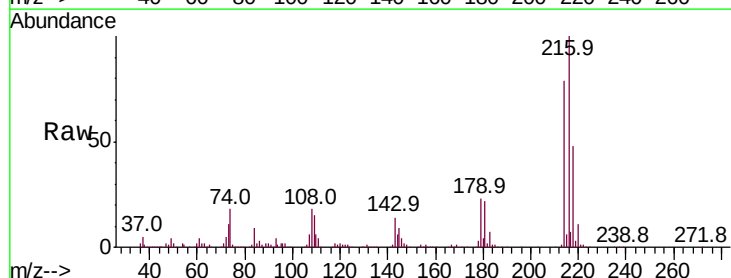
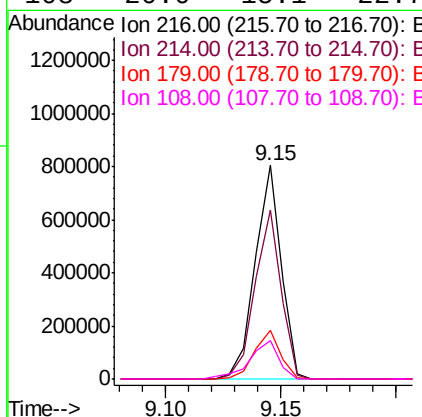
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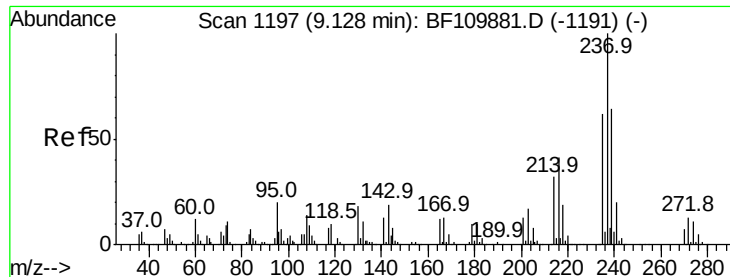
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.233 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.7	16.6	25.0
108	20.0	15.1	22.7





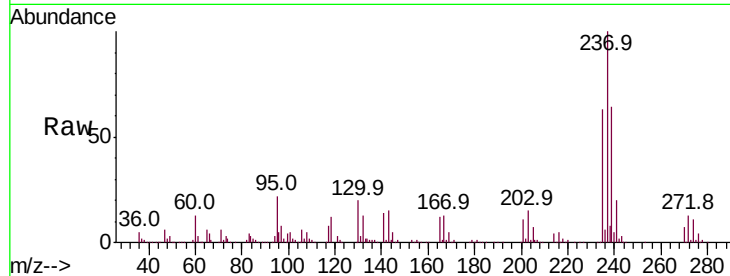
#41
Hexachlorocyclopentadiene
Concen: 43.644 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

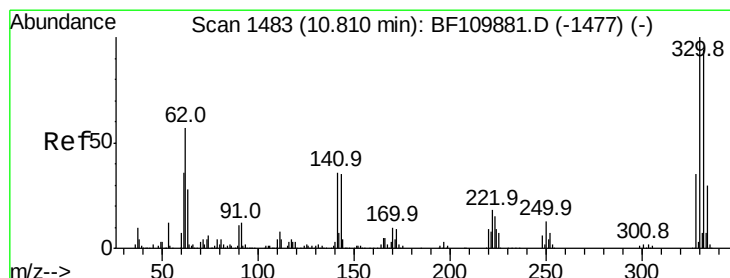
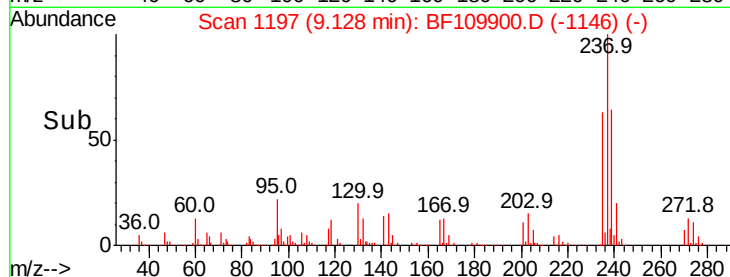
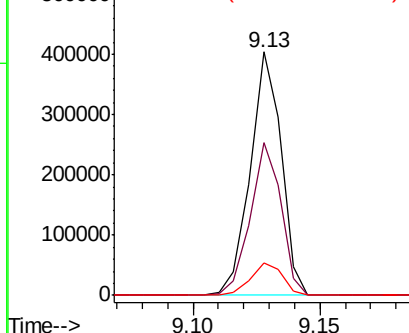
Tot Ion	Ratio	Resp	Lower	Upper
237	100	343042		
235	62.6	43.1	83.1	
272	13.3	0.0	32.6	

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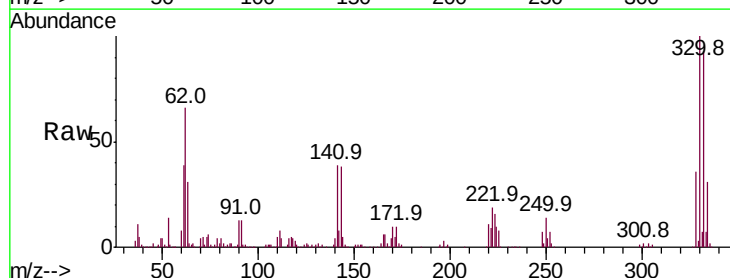


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

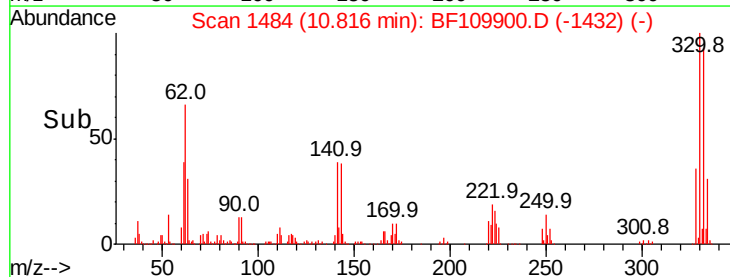
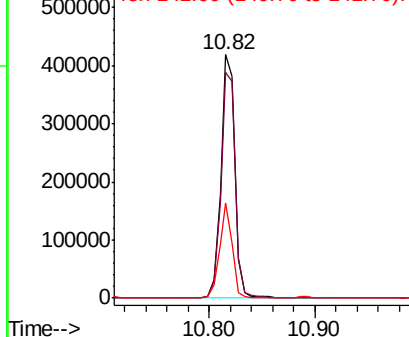


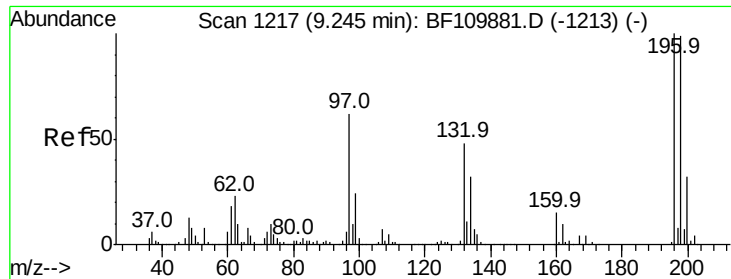
#42
2,4,6-Tribromophenol
Concen: 85.709 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	392325		
332	95.2	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





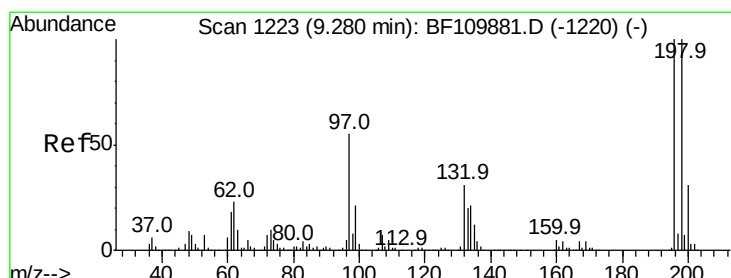
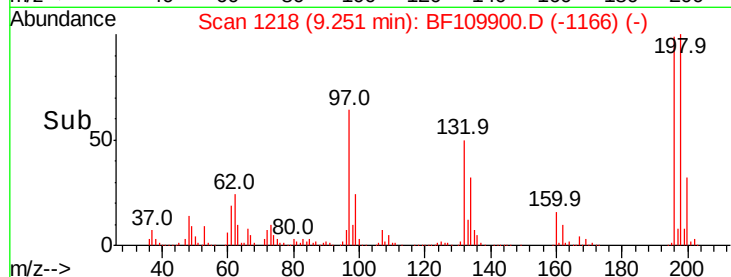
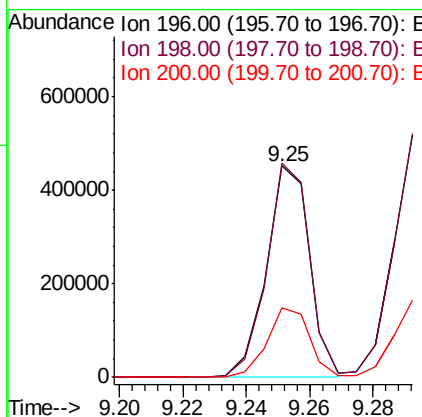
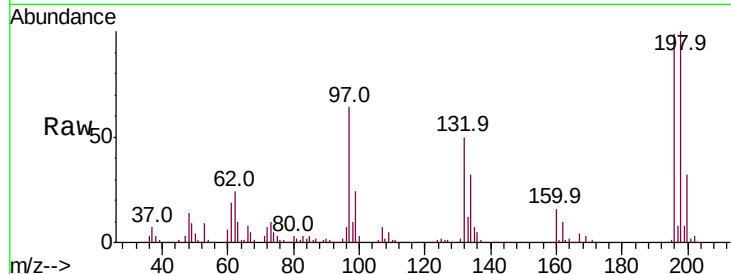
#43
 2,4,6-Trichlorophenol
 Concen: 42.110 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	428799		
198	101.3	76.2	114.4	
200	32.6	24.4	36.6	

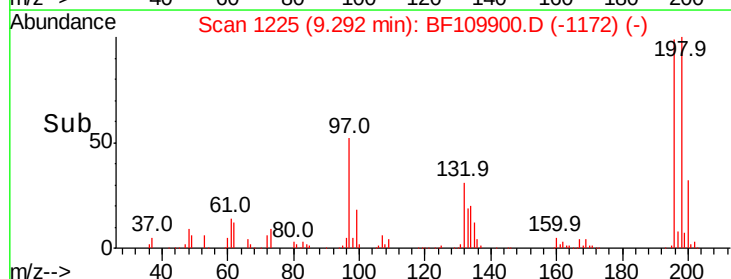
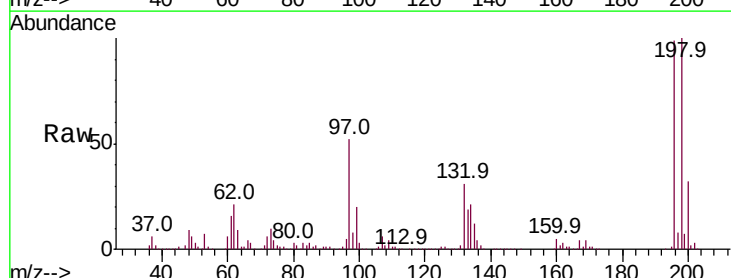
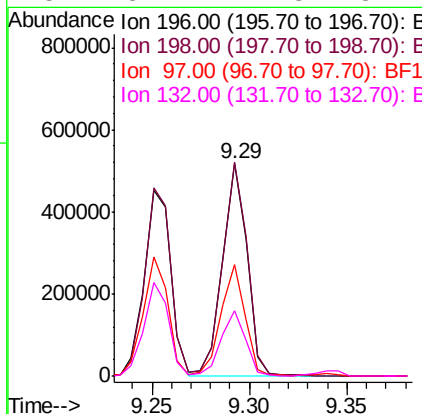
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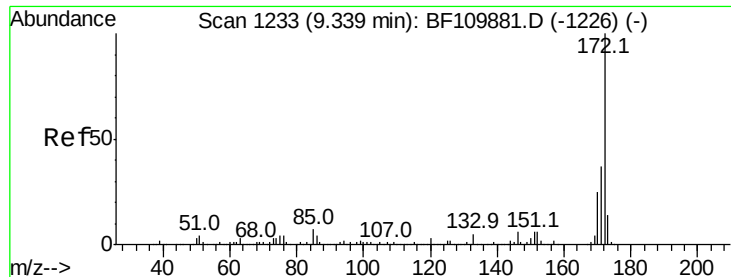
Sohil
 10/17/2018 11:15:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.710 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	451381		
198	100.6	75.8	113.6	
97	52.5	42.4	63.6	
132	31.1	22.8	34.2	





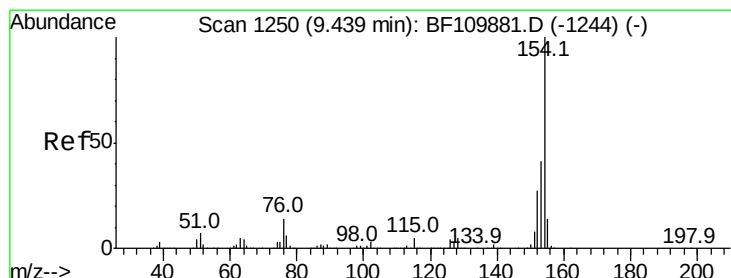
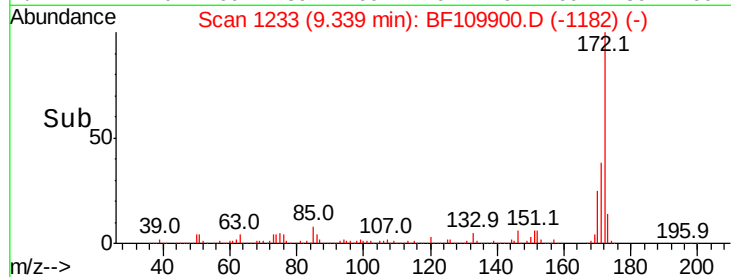
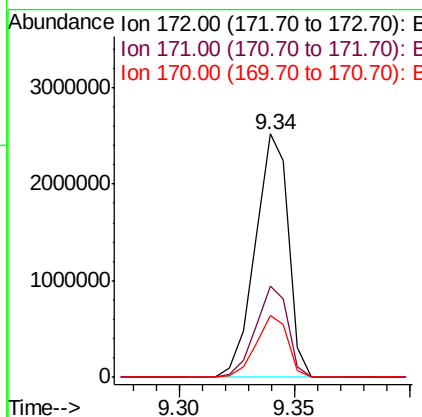
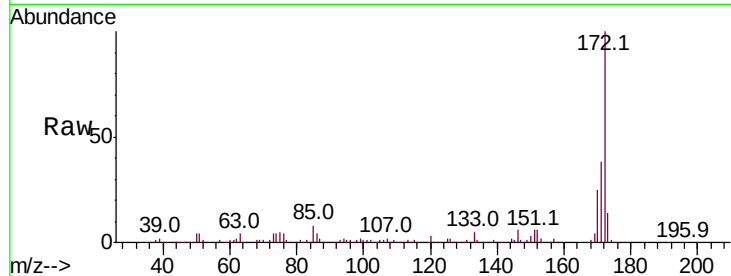
#45
2-Fluorobiphenyl
Concen: 75.860 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	25.5	19.7	29.5

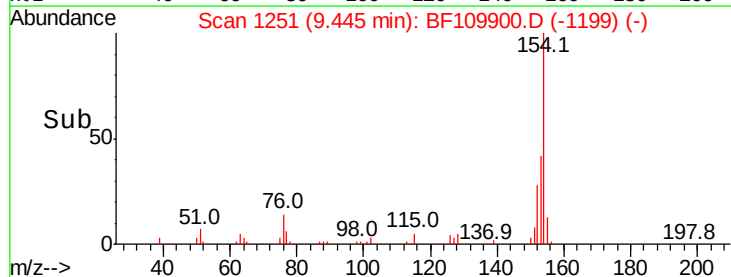
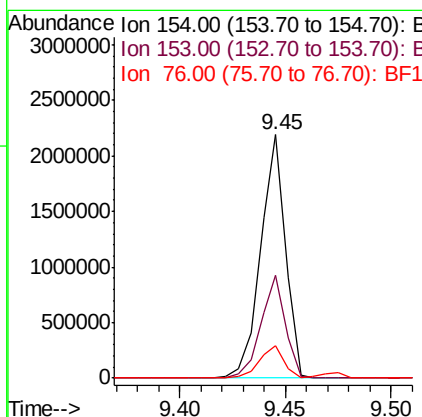
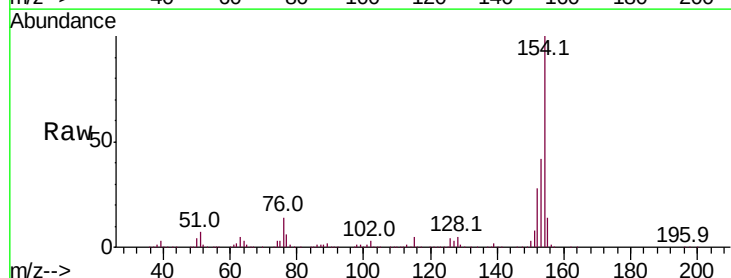
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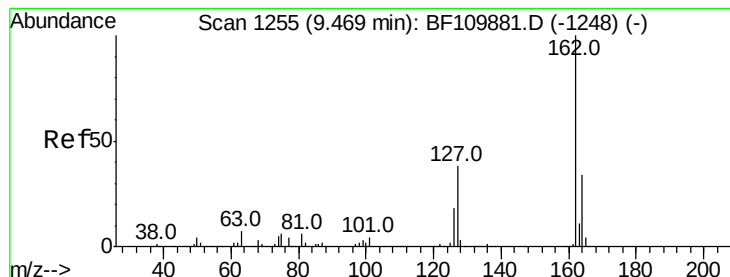
Sohil
10/17/2018 11:15:12 AM



#46
1,1'-Biphenyl
Concen: 38.055 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.4	60.4
76	13.6	0.0	31.9





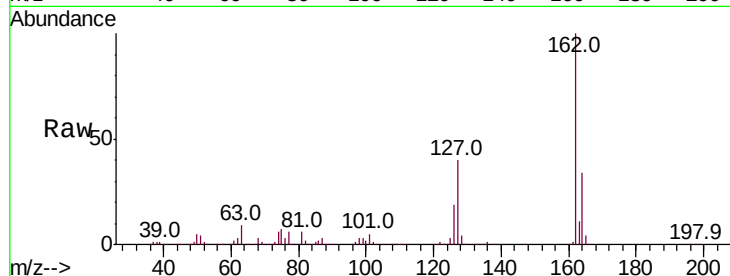
#47
 2-Chloronaphthalene
 Concen: 39.062 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

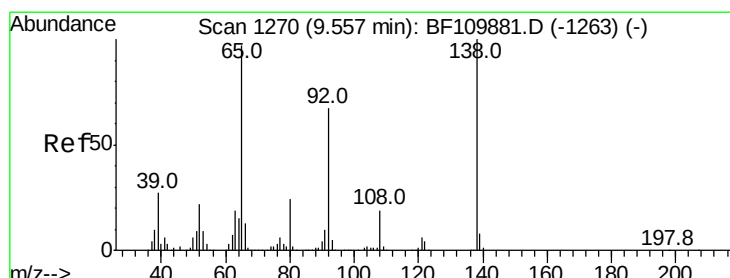
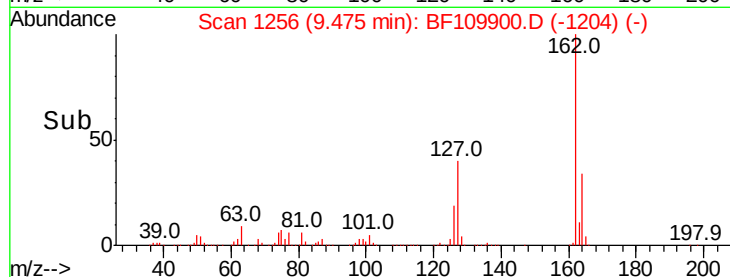
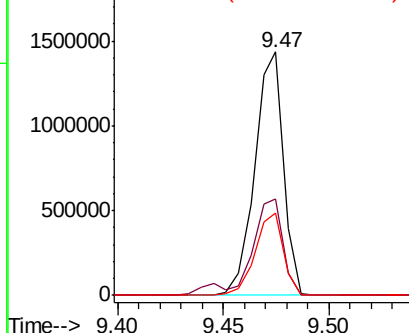
Tot Ion:	162	Resp:	1355387
Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.7	25.9	38.9

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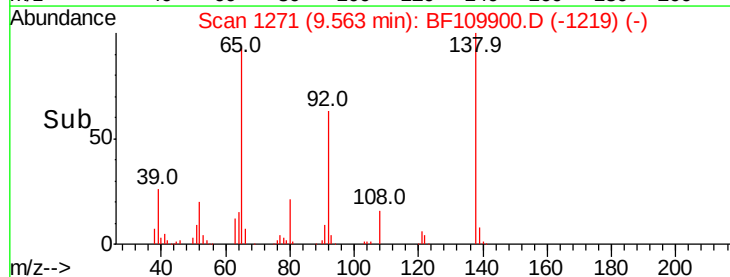
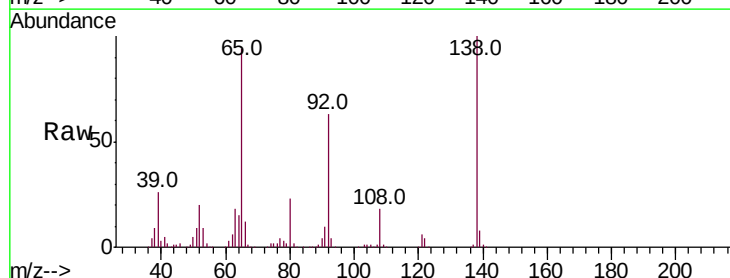
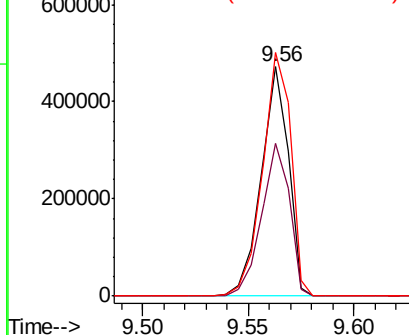
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

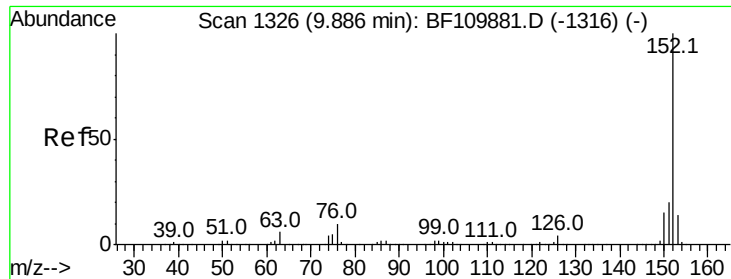


#48
 2-Nitroaniline
 Concen: 47.743 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:	65	Resp:	425129
Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	106.3	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: 38.659 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

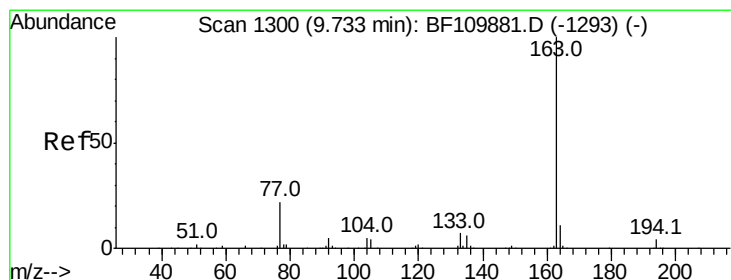
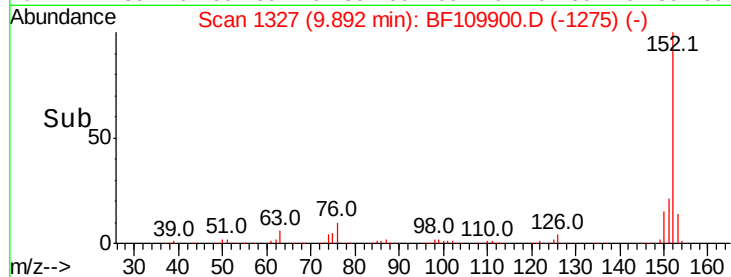
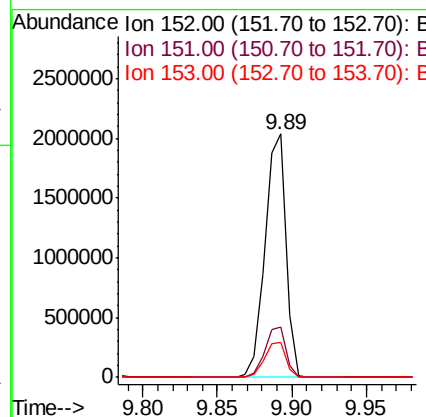
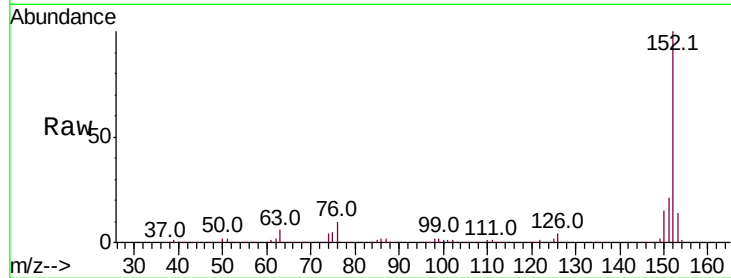
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1948697
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	14.2	10.4	15.6

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#50

Dimethylphthalate

Concen: 39.941 ng

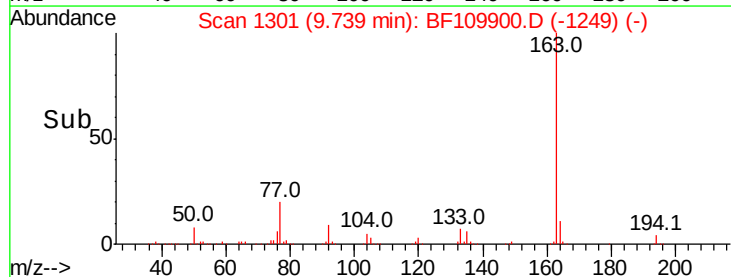
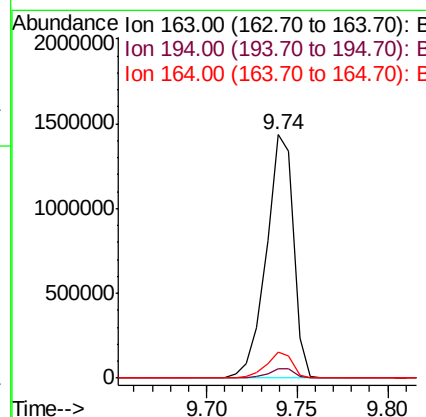
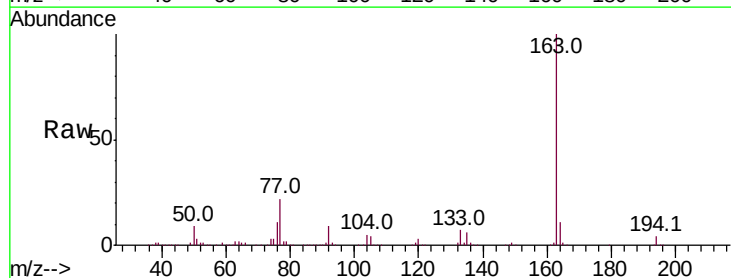
RT: 9.74 min Scan# 1301

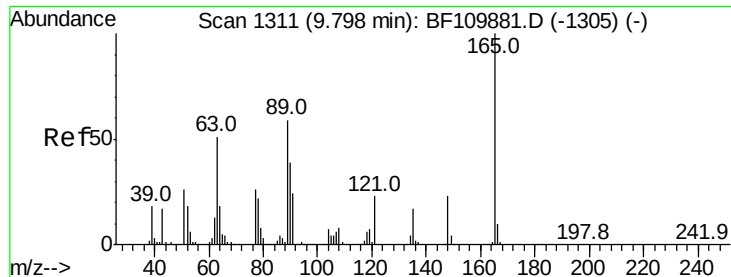
Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Tgt Ion:	163	Resp:	1495294
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.5	8.1	12.1





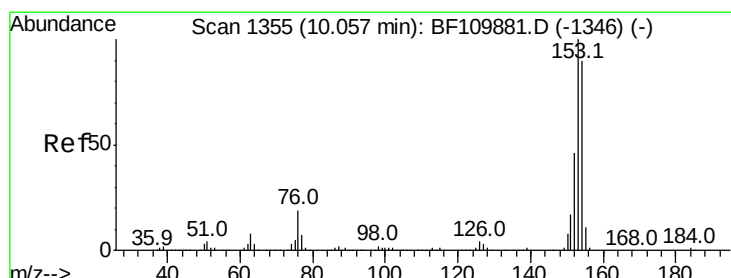
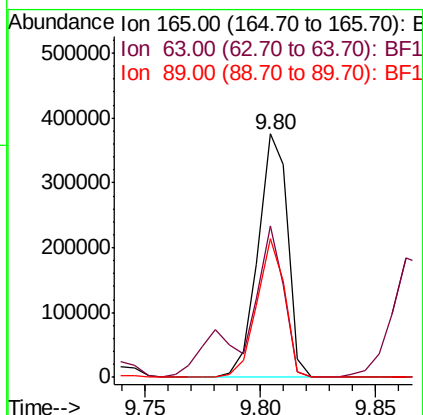
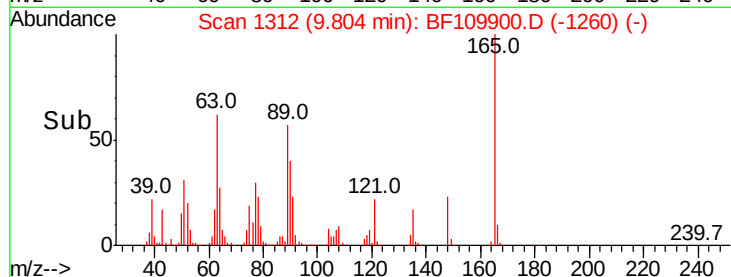
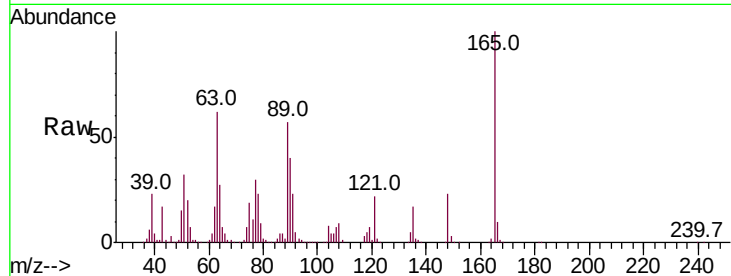
#51
2,6-Dinitrotoluene
Concen: 47.409 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.0	48.9	73.3	
89	56.8	46.6	69.8	

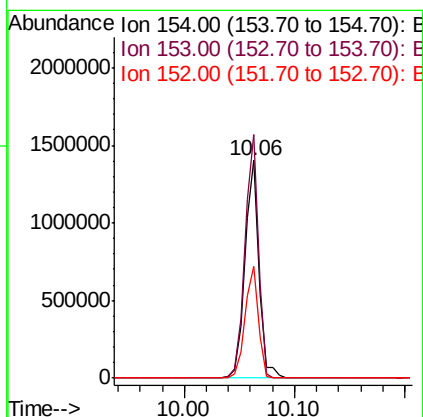
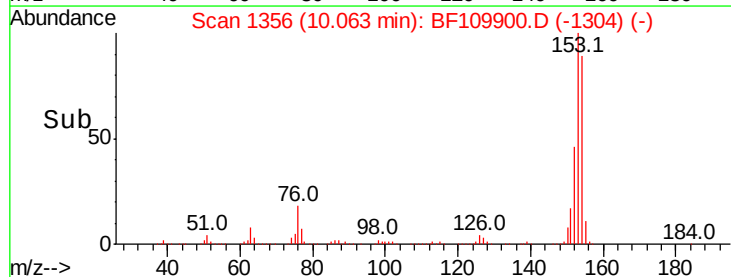
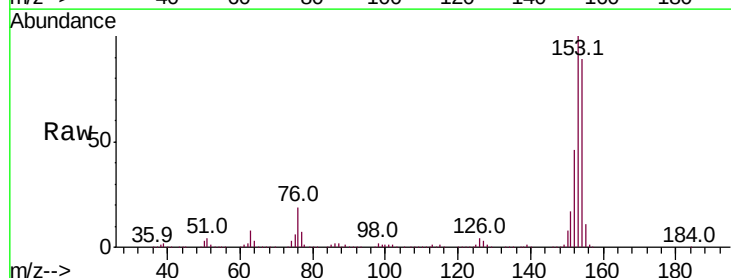
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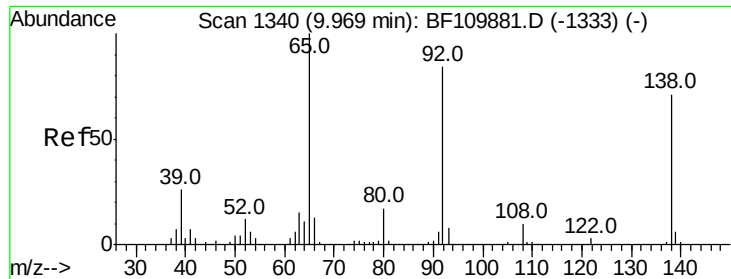
Sohil
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#52
Acenaphthene
Concen: 38.982 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.7	90.1	135.1	
152	51.3	43.4	65.2	





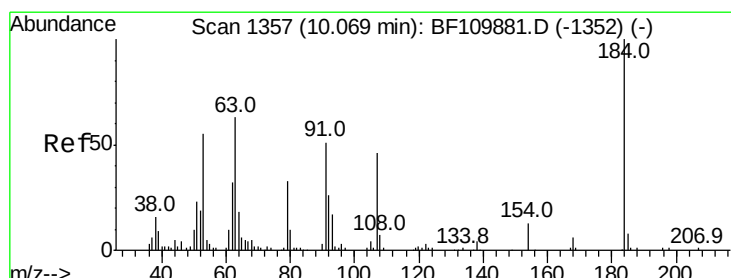
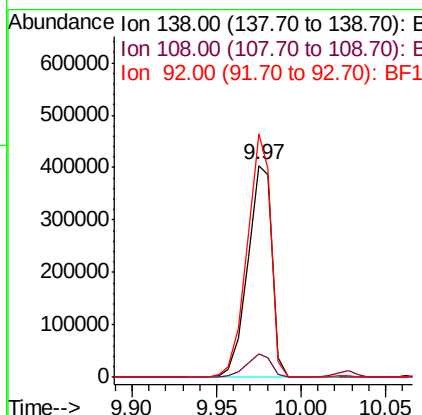
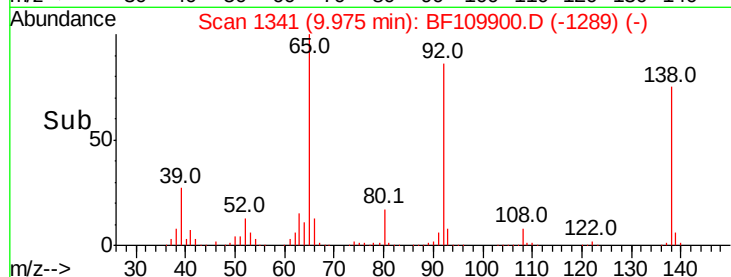
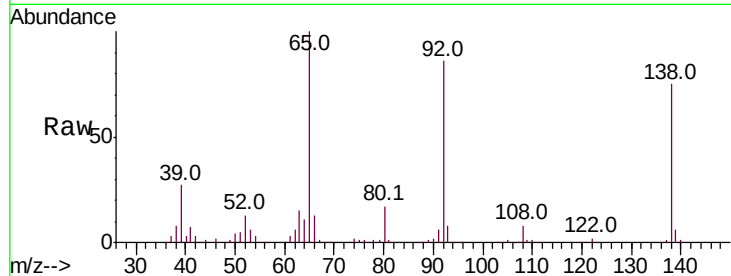
#53
3-Nitroaniline
Concen: 47.043 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	115.0	97.0	145.4

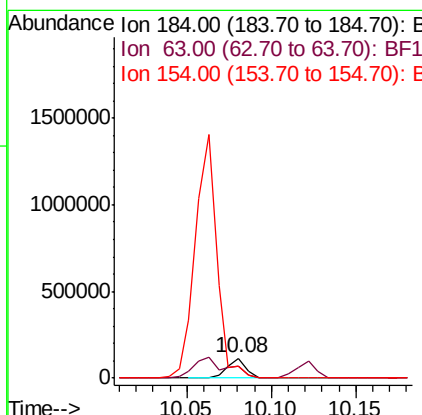
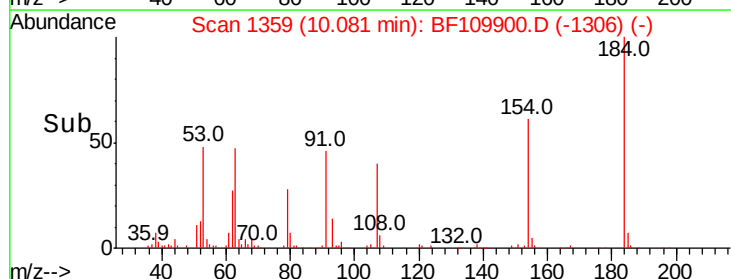
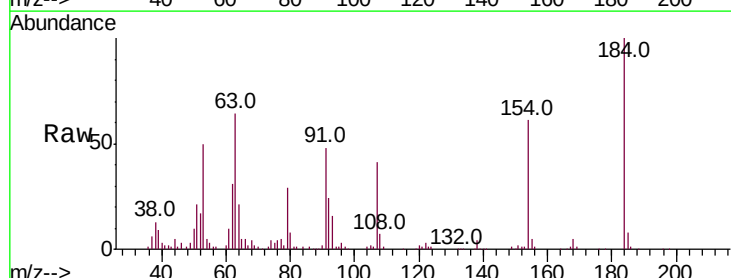
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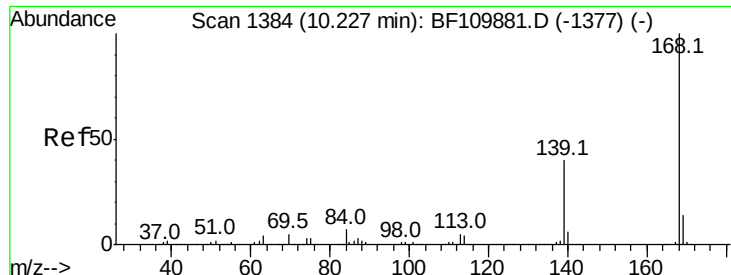
Sohil
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#54
2,4-Dinitrophenol
Concen: 42.421 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	55.8	83.6
154	61.0	63.2	94.8#





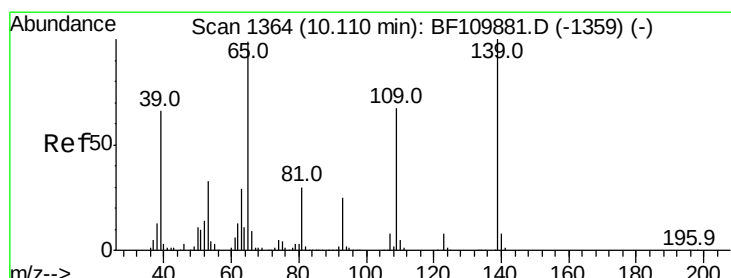
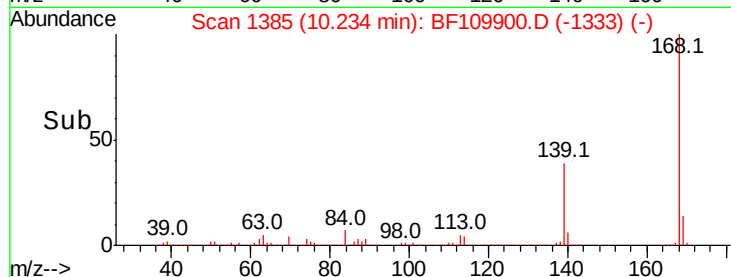
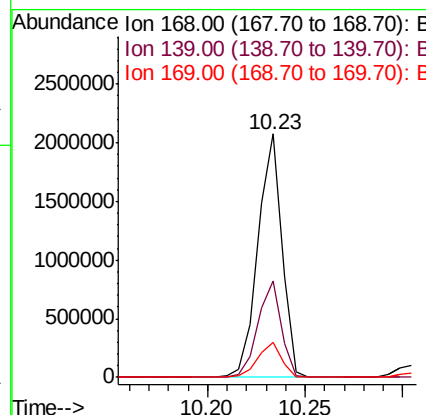
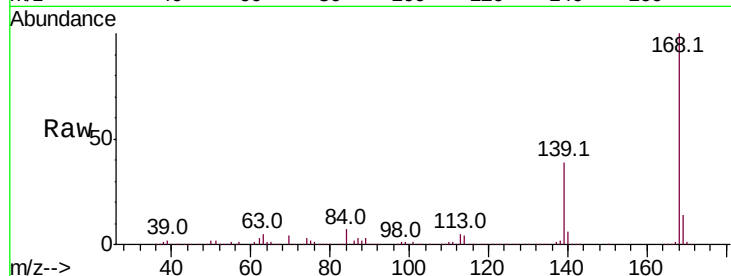
#55
Dibenzenofuran
Concen: 38.505 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1762288
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 14.3 11.3 16.9

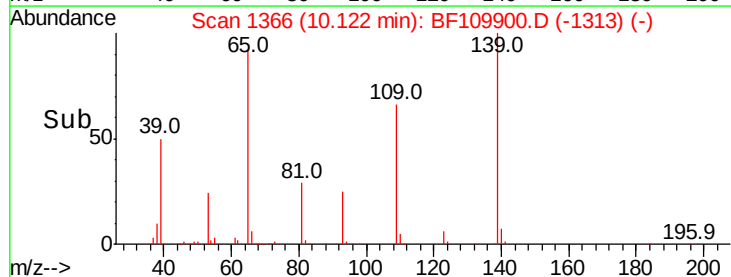
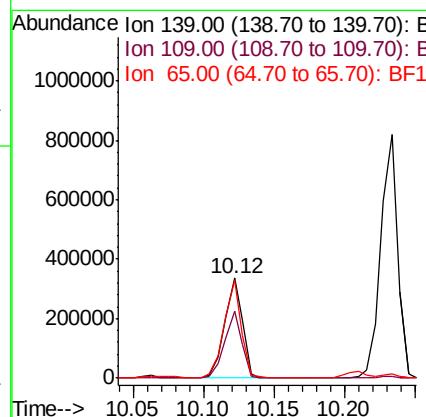
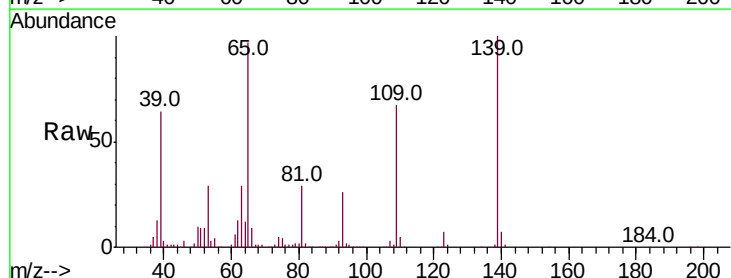
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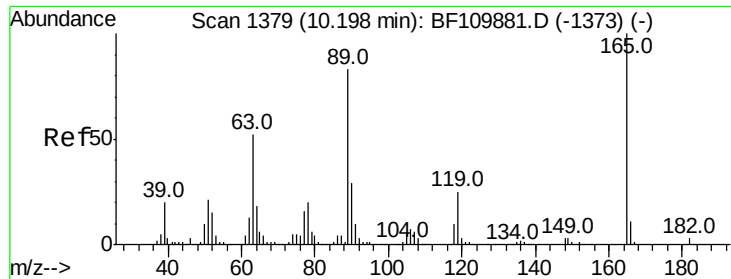
Sohil
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#56
4-Nitrophenol
Concen: 45.224 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:139 Resp: 298476
Ion Ratio Lower Upper
139 100
109 66.7 55.8 95.8
65 97.4 77.9 117.9





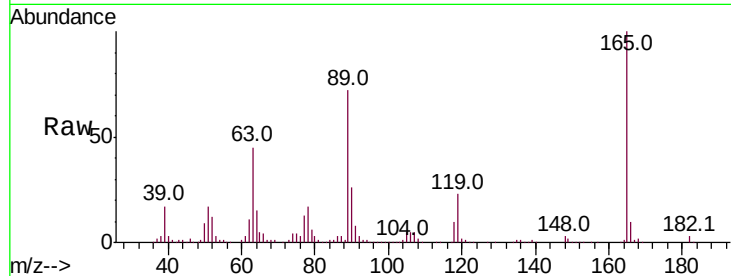
#57
2,4-Dinitrotoluene
Concen: 47.497 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	44.8	67.2
89	72.3	62.2	93.4
182	2.5	2.1	3.1

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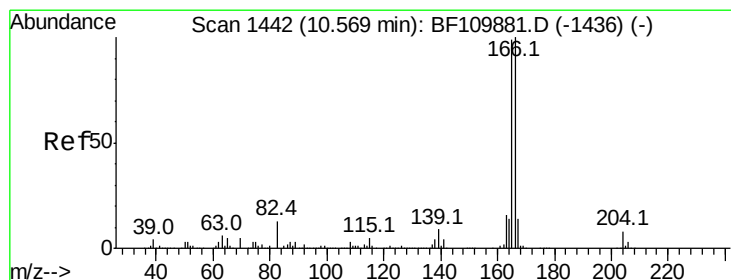
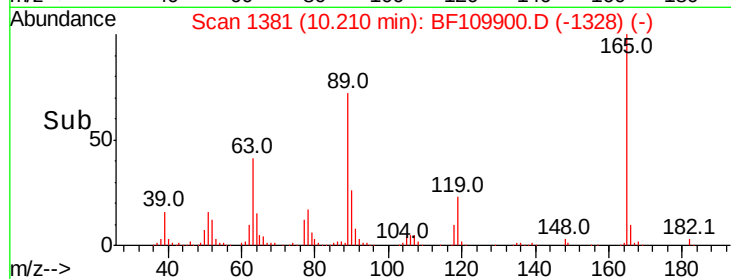
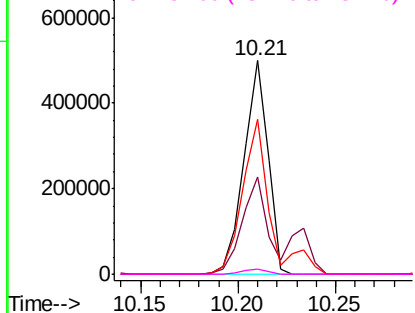
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.431 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

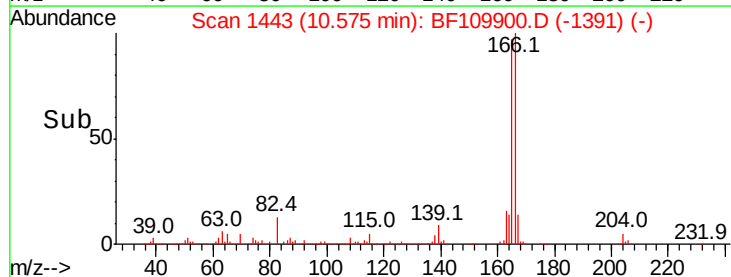
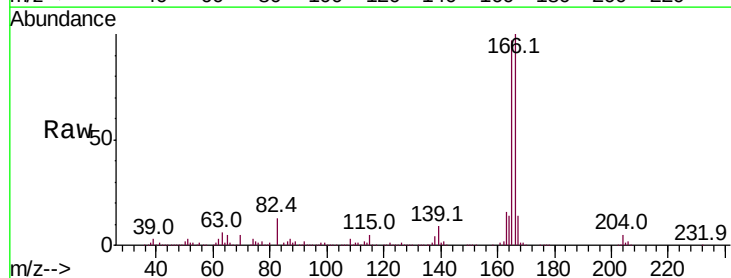
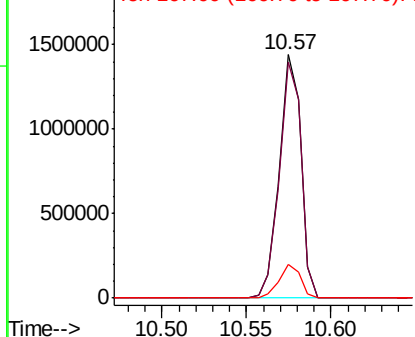
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.6	117.8
167	14.0	10.8	16.2

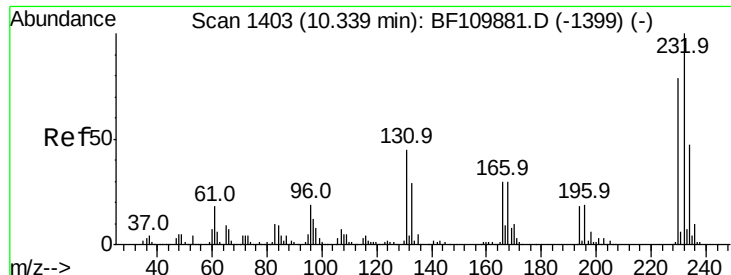
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





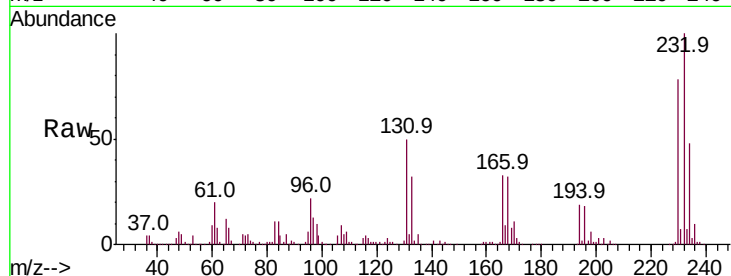
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.683 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.4	37.0	55.4
130	2.3	1.8	2.6
166	31.5	22.0	33.0

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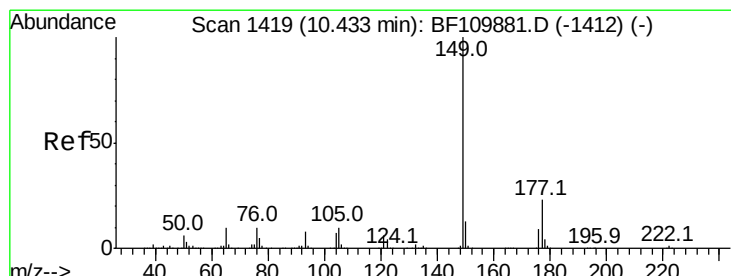
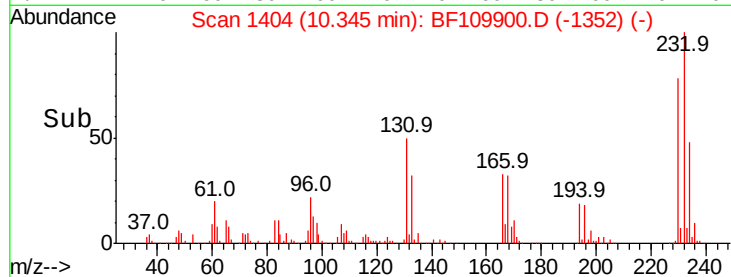
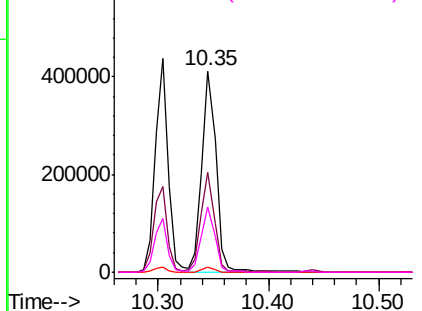
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.958 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

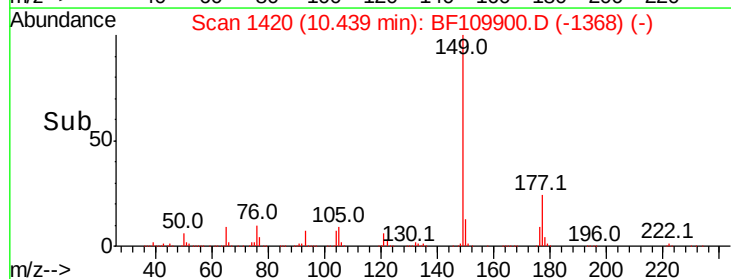
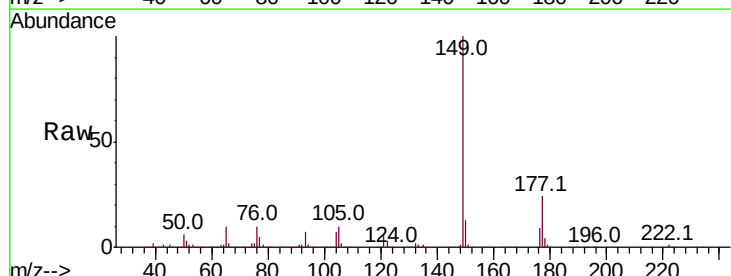
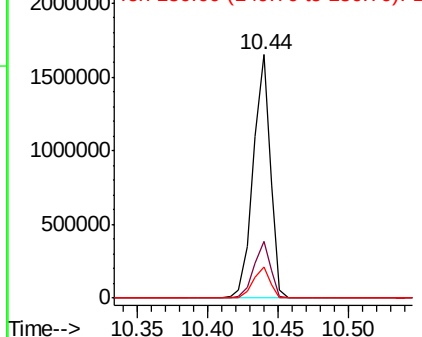
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.4	26.2
150	13.0	9.8	14.8

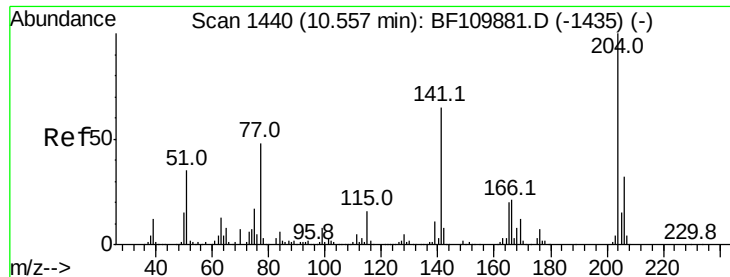
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





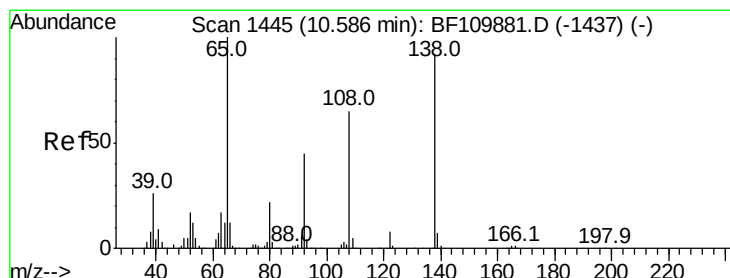
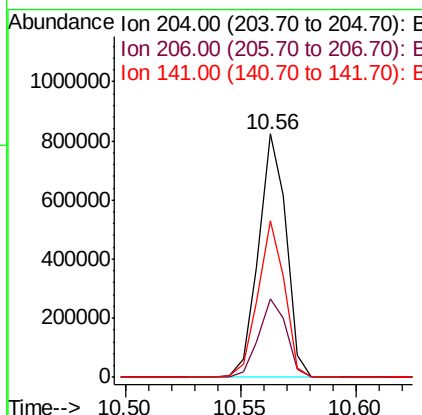
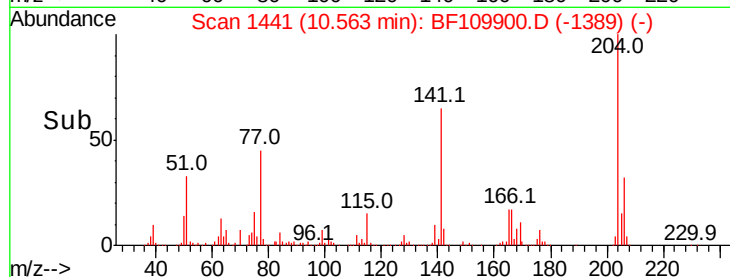
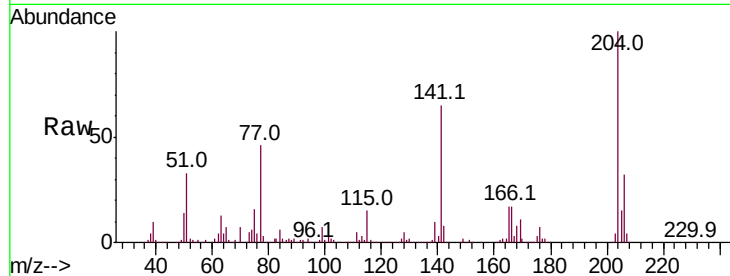
#61
 4-Chlorophenyl-phenylether
 Concen: 39.655 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion:	204	Resp:	688208
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.5	39.7
141	64.5	51.8	77.8

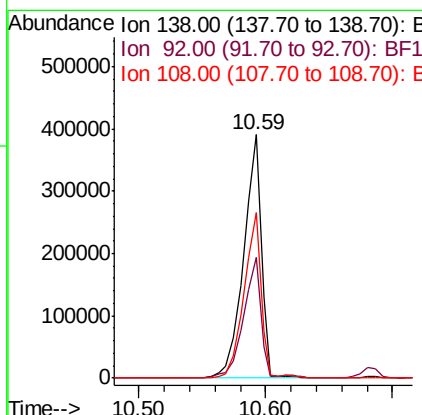
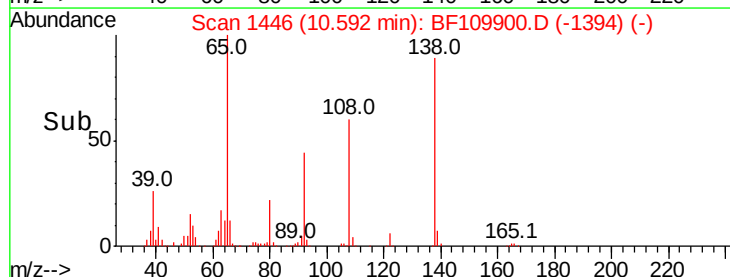
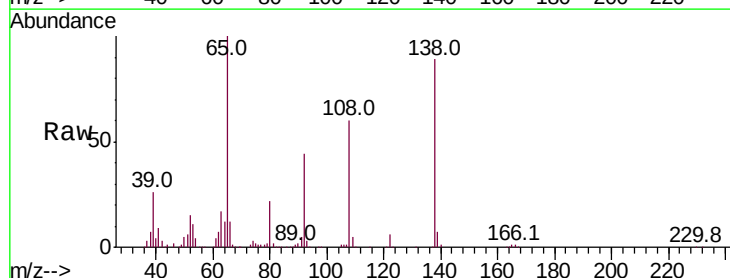
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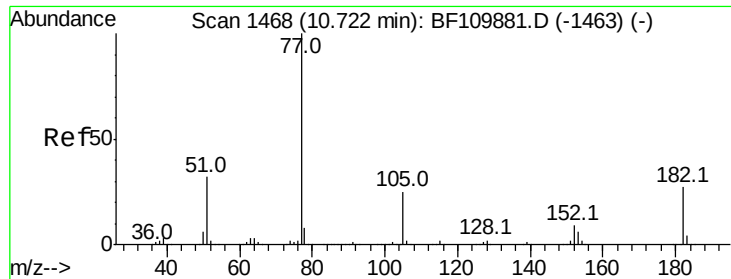
Sohil
 10/17/2018 11:15:12 AM



#62
 4-Nitroaniline
 Concen: 45.979 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:	138	Resp:	376470
Ion Ratio	Lower	Upper	
138	100		
92	49.5	31.7	71.7
108	68.2	59.3	99.3





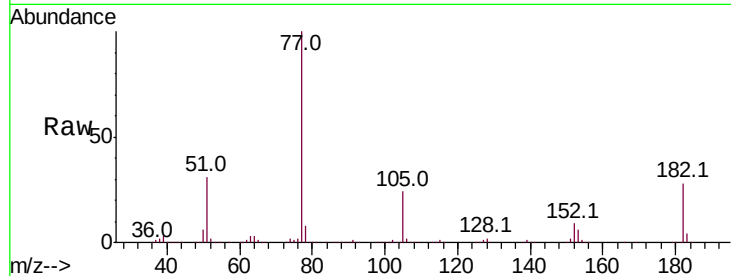
#63
Azobenzene
Concen: 37.268 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	4.3	44.3
105	24.4	1.3	41.3
51	30.9	9.0	49.0

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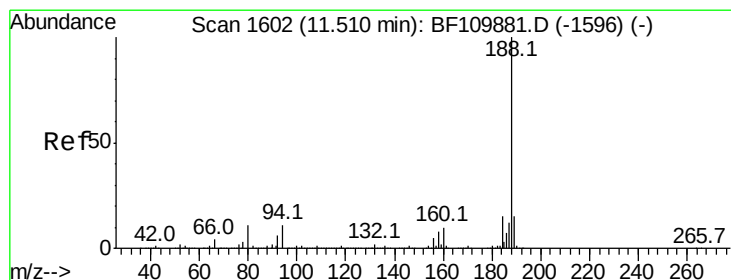
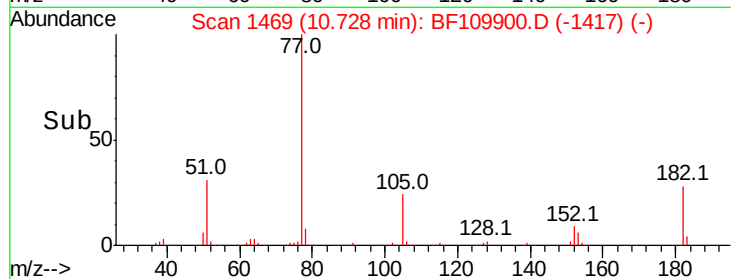
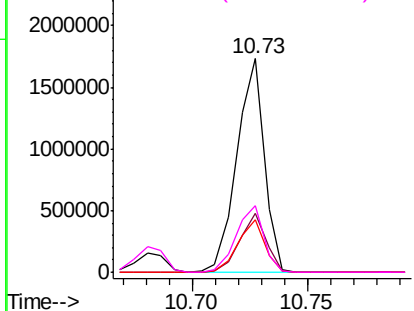
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

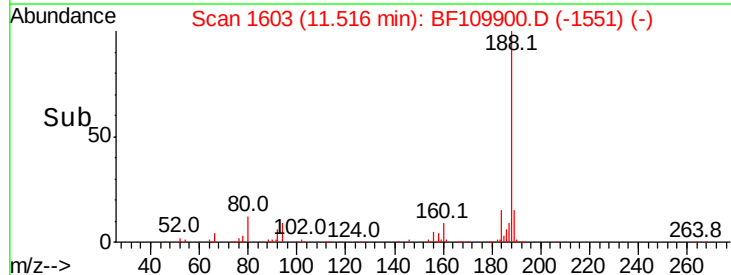
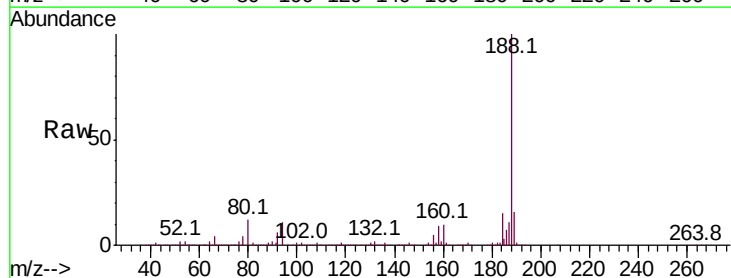
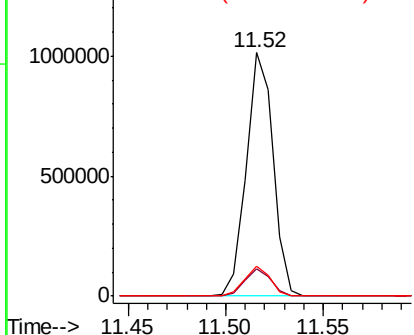
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.2	10.8#
80	12.2	7.9	11.9#

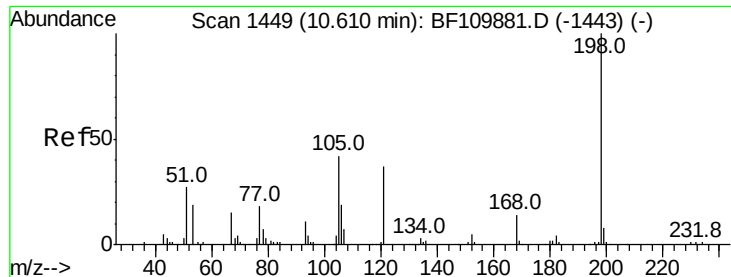
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





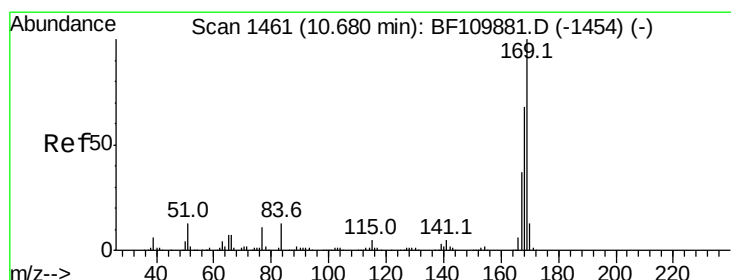
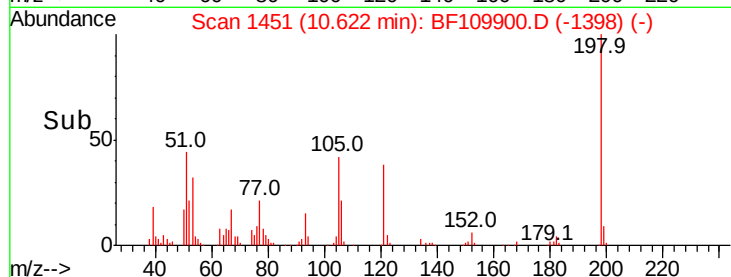
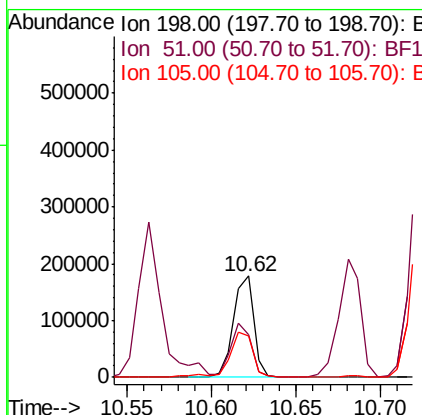
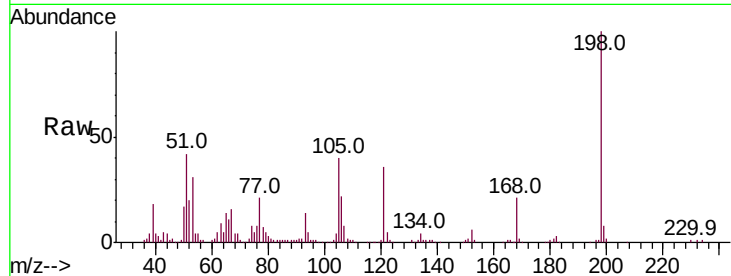
#65
4,6-Dinitro-2-methylphenol
Concen: 43.670 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.9	22.8	62.8
105	40.4	23.6	63.6

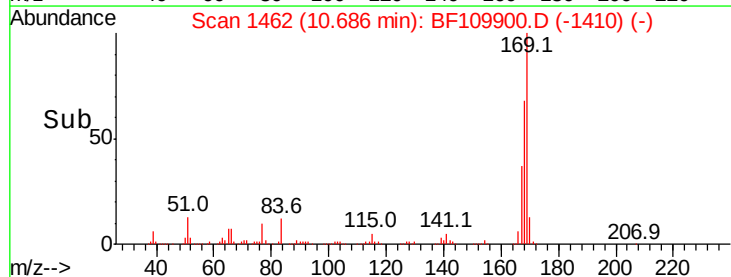
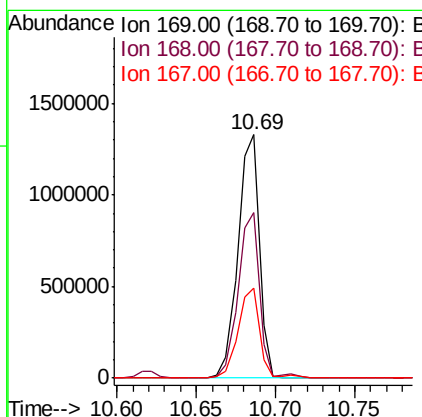
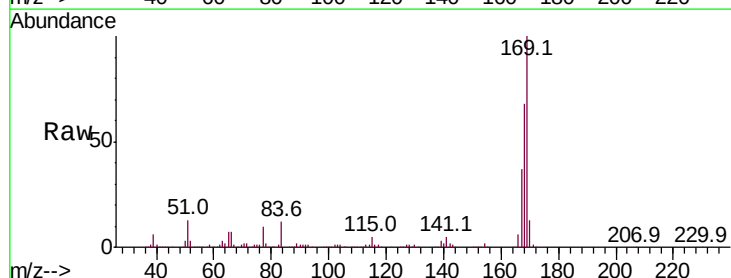
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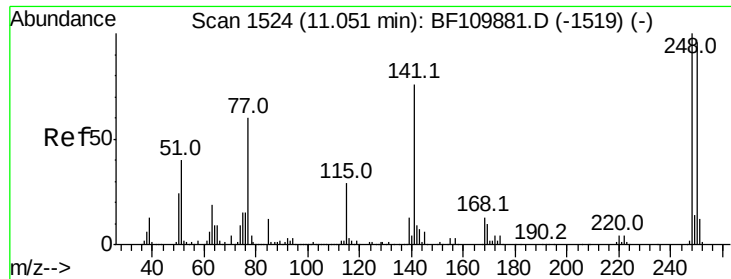
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#66
n-Nitrosodiphenylamine
Concen: 38.568 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	51.2	76.8
167	37.0	27.8	41.6





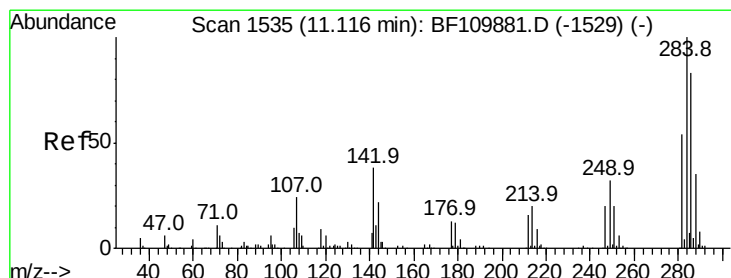
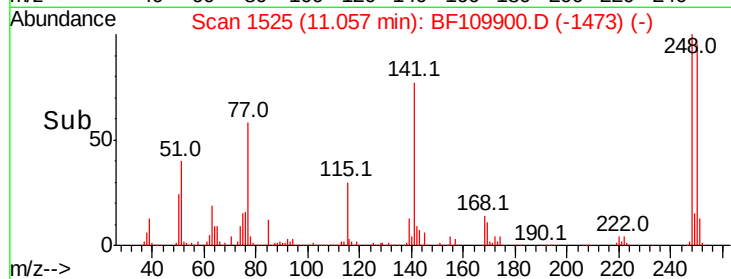
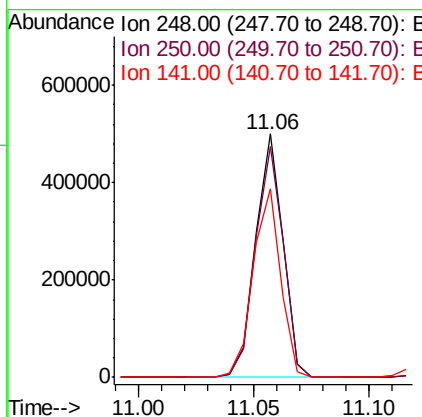
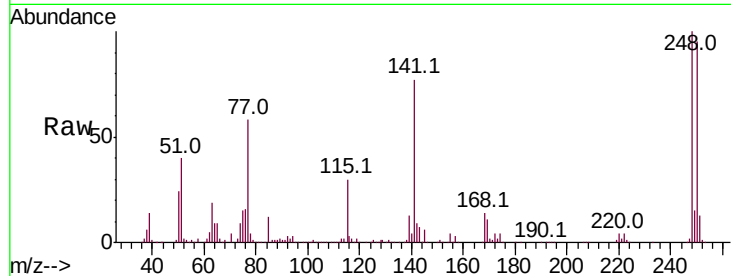
#67
 4-Bromophenyl-phenylether
 Concen: 39.578 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	79.4	119.2
141	77.3	55.9	83.9

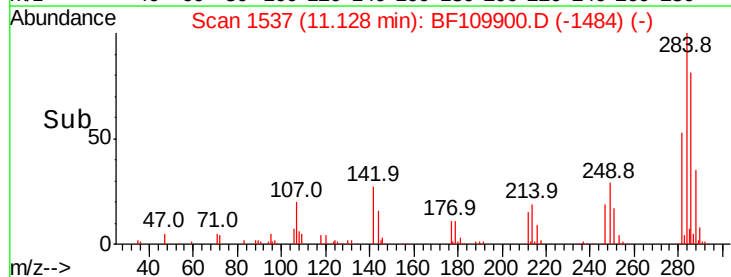
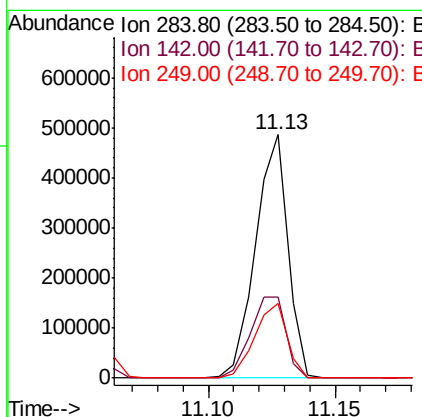
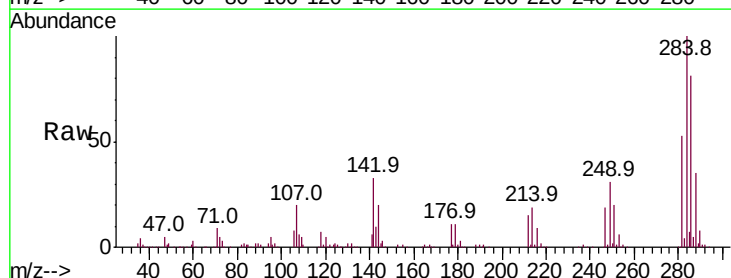
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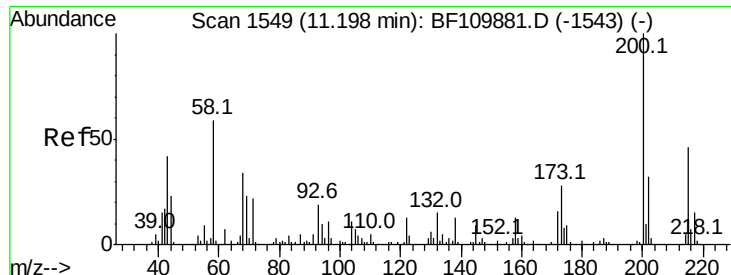
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 10/17/2018 11:15:12 AM



#68
 Hexachlorobenzene
 Concen: 38.919 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	23.9	35.9
249	30.7	24.2	36.2





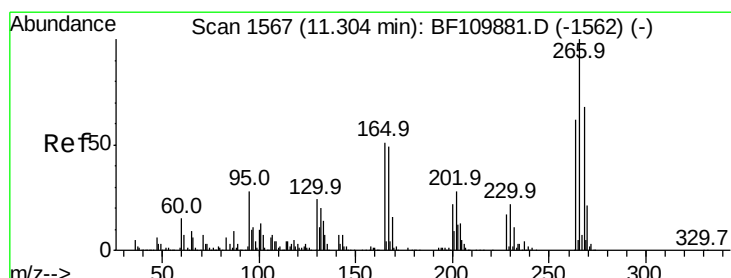
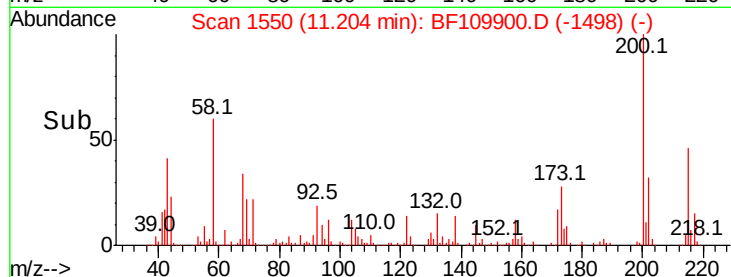
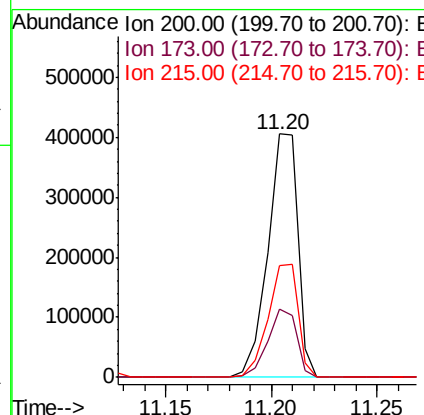
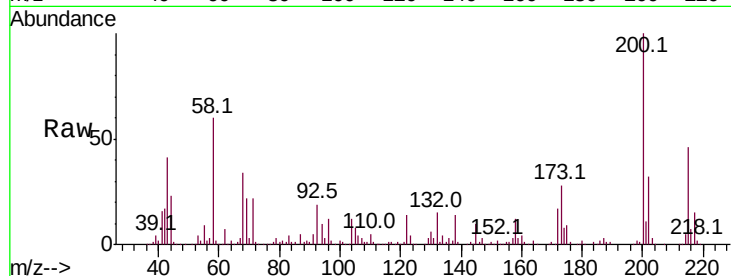
#69
Atrazine
Concen: 39.946 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	6.6	46.6	
215	45.9	26.3	66.3	

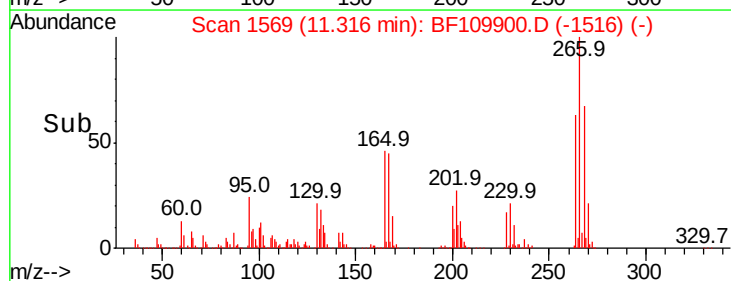
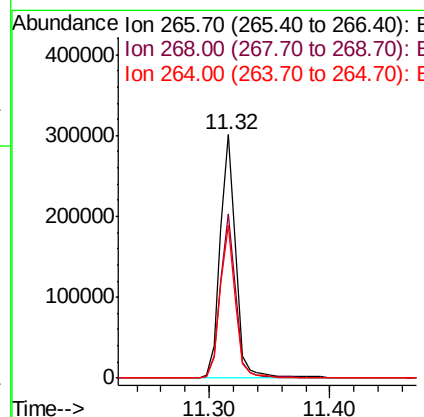
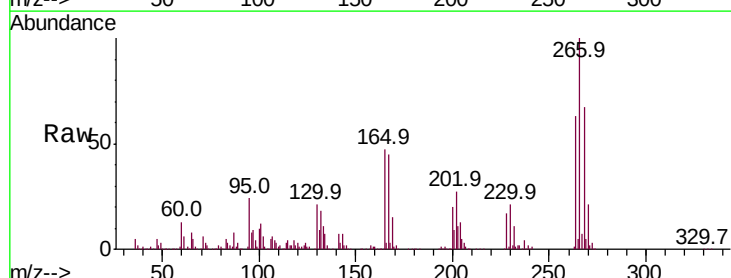
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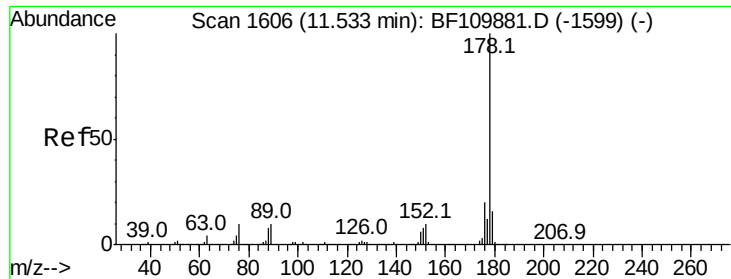
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#70
Pentachlorophenol
Concen: 41.717 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.3	50.6	75.8	
264	62.6	50.6	75.8	





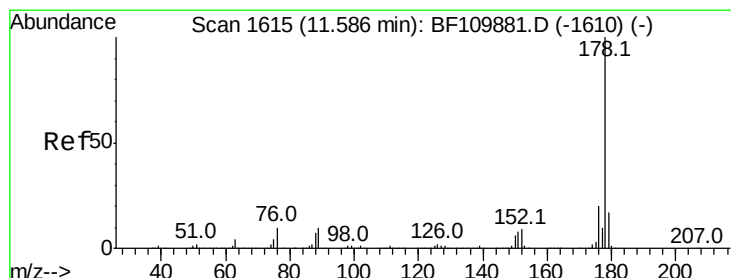
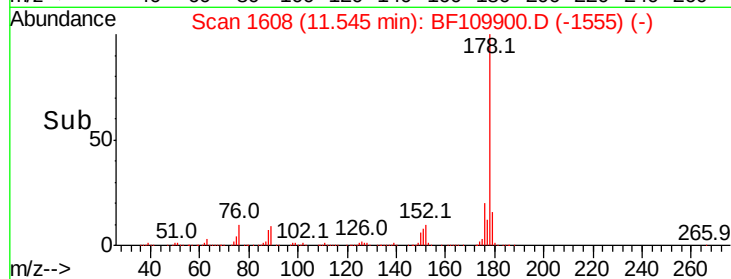
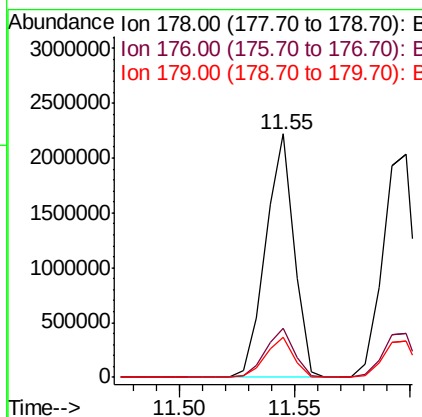
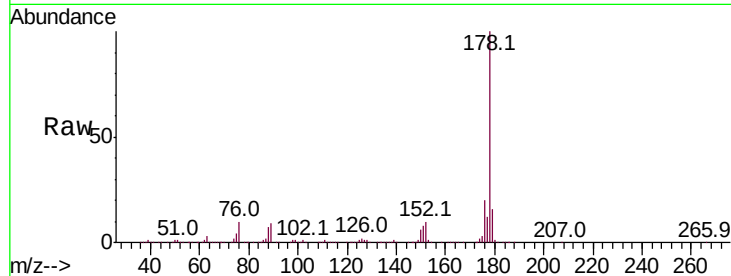
#71
Phenanthrene
Concen: 37.987 ng
RT: 11.55 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.2	12.5	18.7

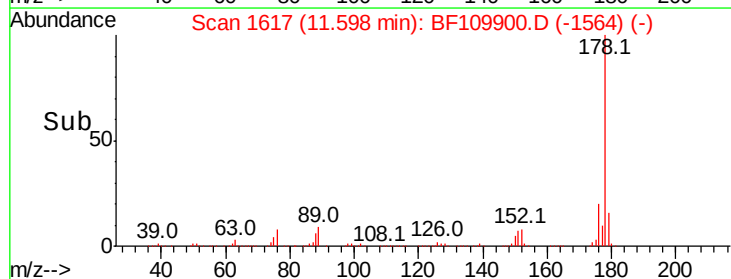
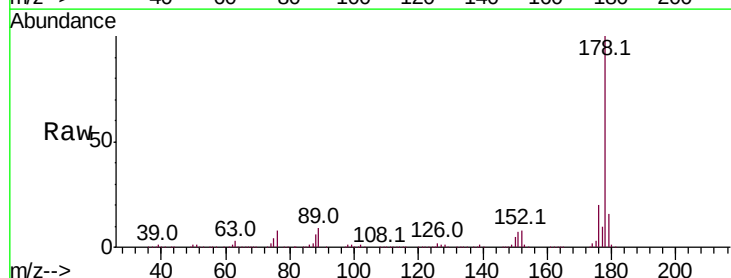
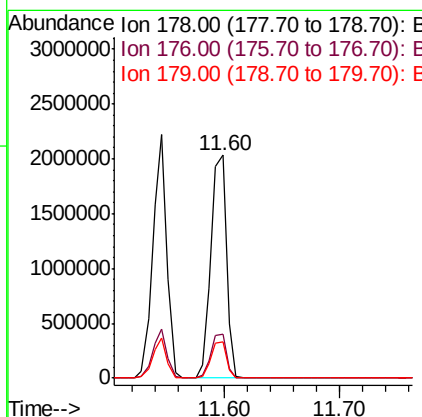
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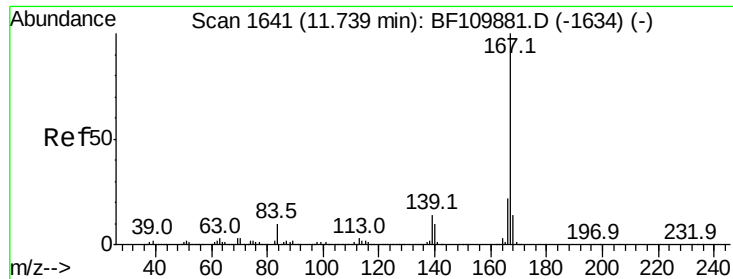
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#72
Anthracene
Concen: 38.321 ng
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.4	12.6	18.8





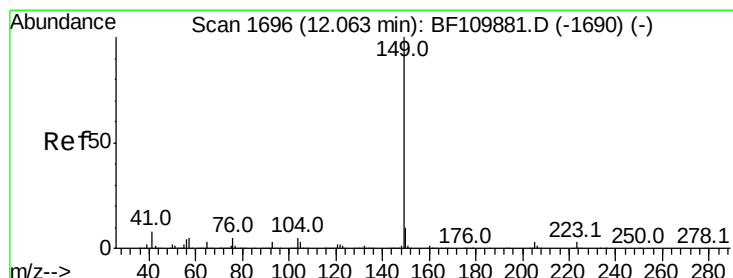
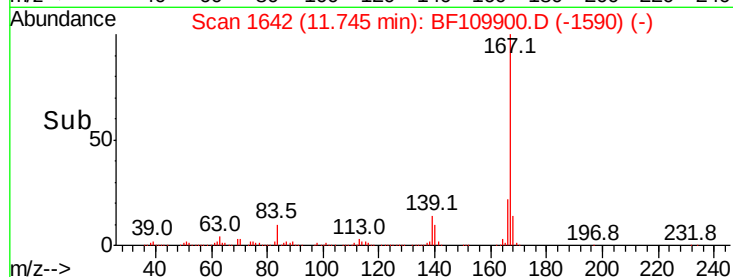
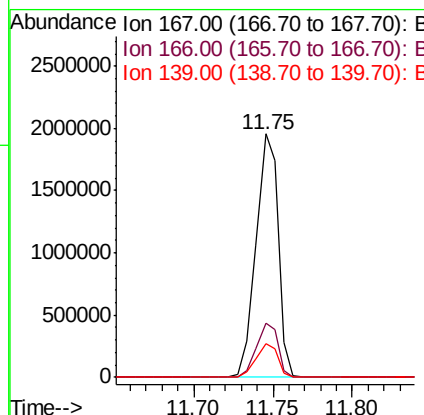
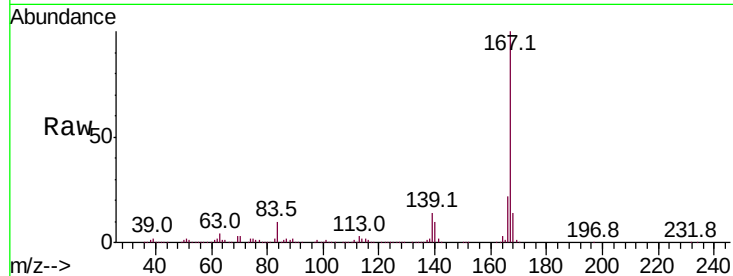
#73
 Carbazole
 Concen: 38.534 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1900728
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 13.8 10.9 16.3

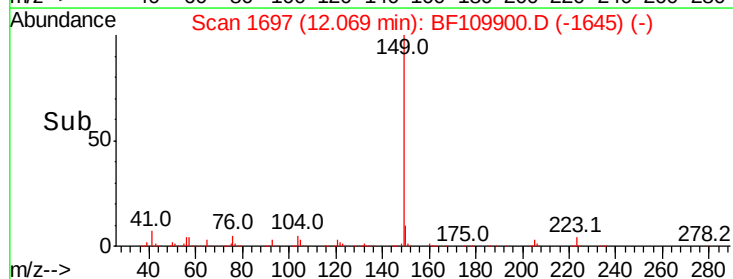
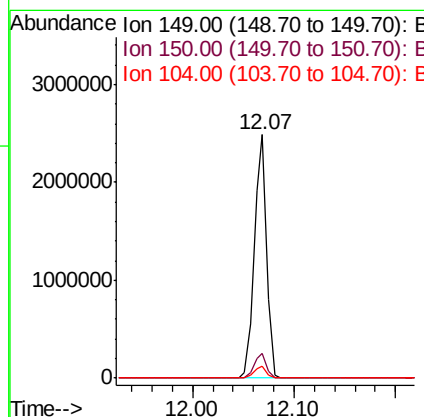
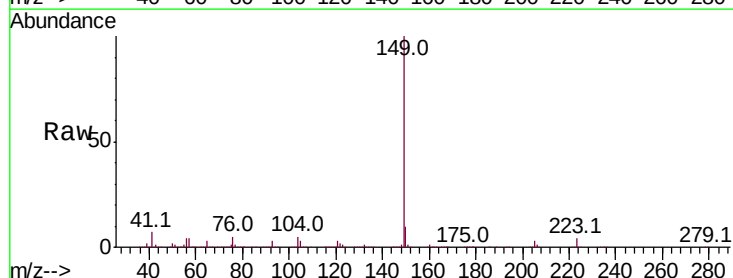
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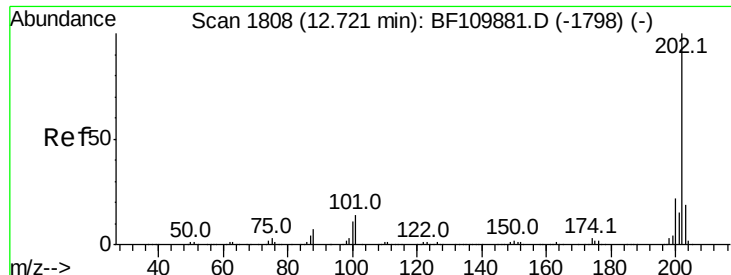
Sohil
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#74
 Di-n-butylphthalate
 Concen: 37.495 ng
 RT: 12.07 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BF109900.D
 Acq: 16 Oct 2018 12:56

Tgt Ion:149 Resp: 2064055
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.0 4.2 6.4





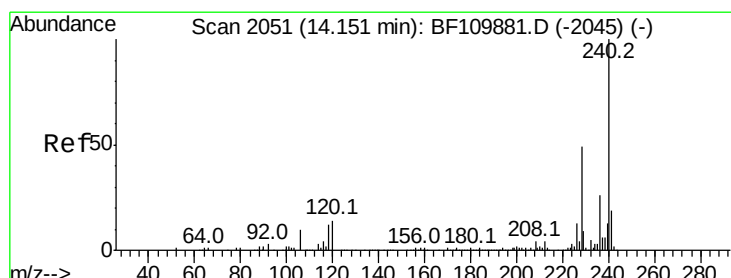
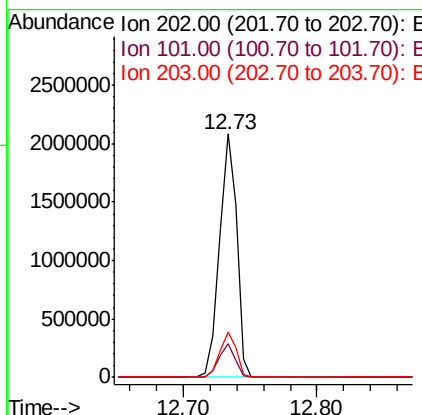
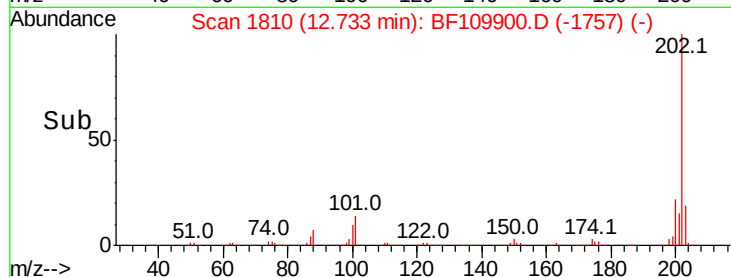
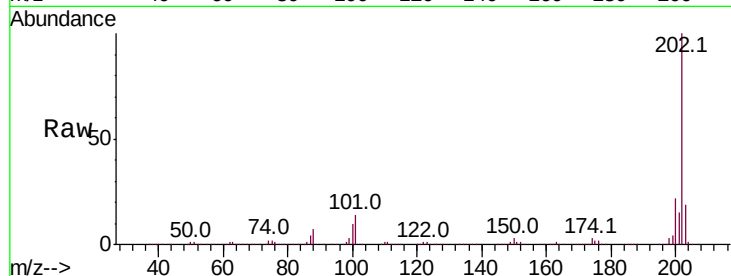
#75
Fluoranthene
Concen: 38.310 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.4
203	18.5	0.0	37.7

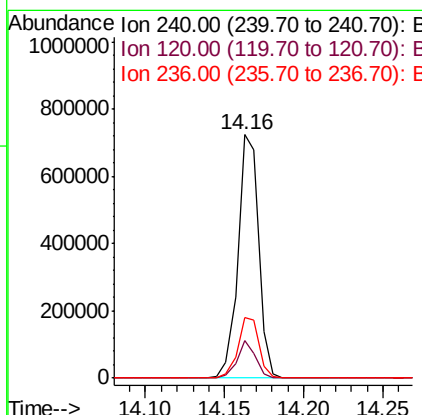
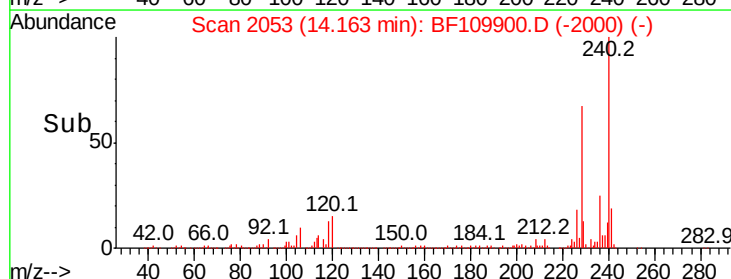
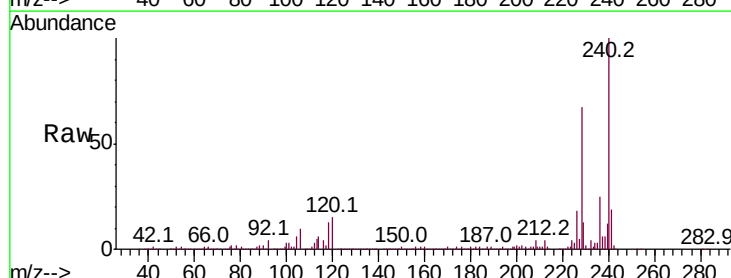
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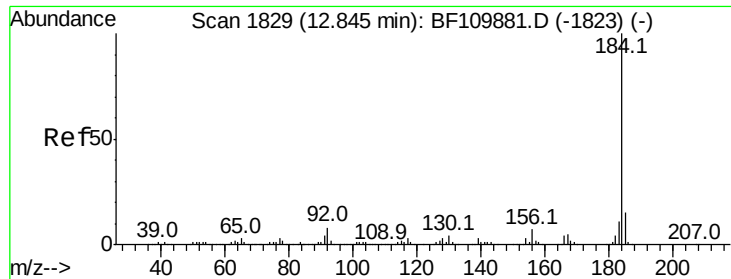
Sohil
10/17/2018 11:15:12 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.3	12.5#
236	25.1	21.2	31.8





#77

Benzidine

Concen: 38.828 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 971979

Ion Ratio Lower Upper

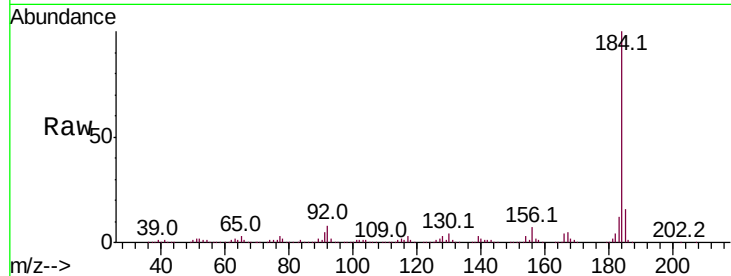
184 100

185 15.8 13.4 20.2

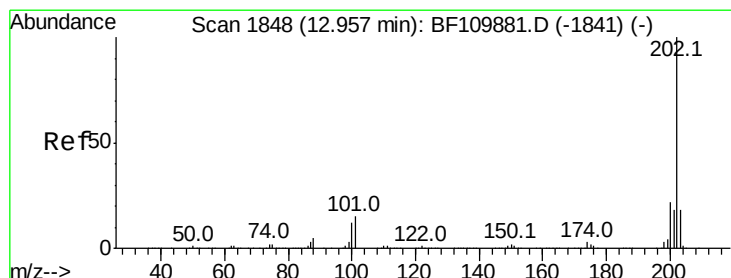
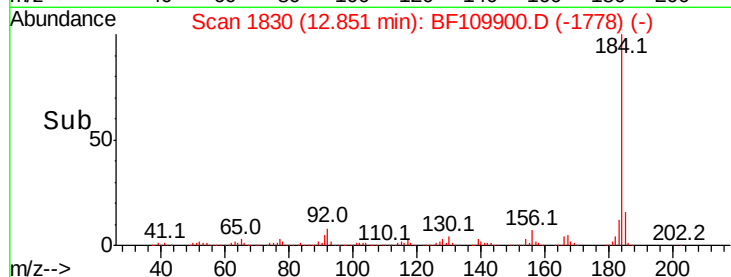
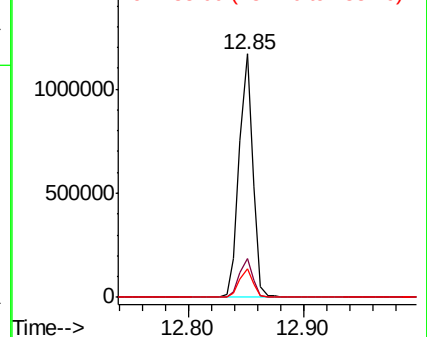
183 11.9 9.4 14.2

Manual Integrations
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Sohil
10/17/2018 11:15:12 AM



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: 40.469 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

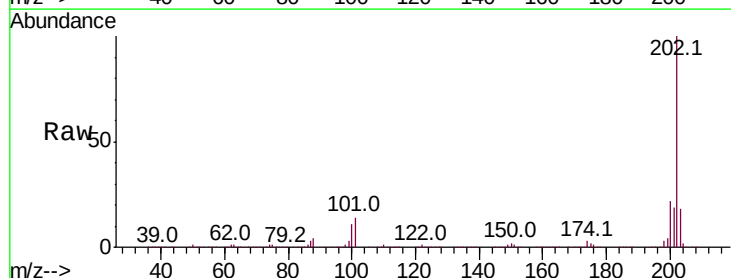
Tgt Ion:202 Resp: 1940612

Ion Ratio Lower Upper

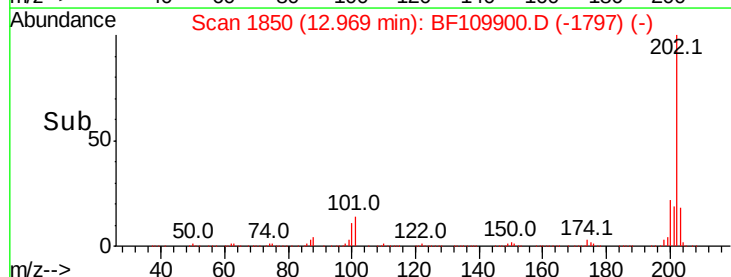
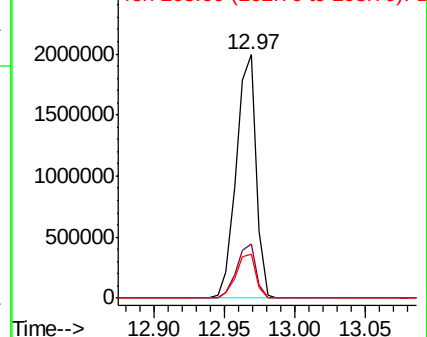
202 100

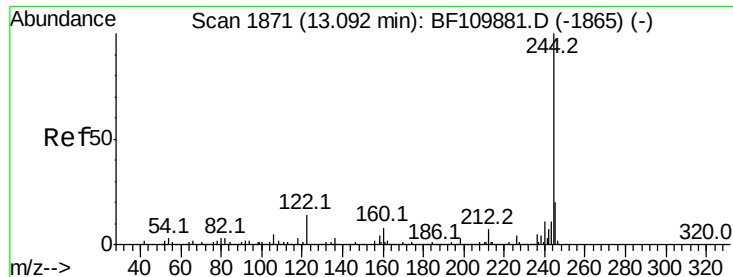
200 22.2 17.8 26.6

203 18.2 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: 77.671 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2414926

Ion Ratio Lower Upper

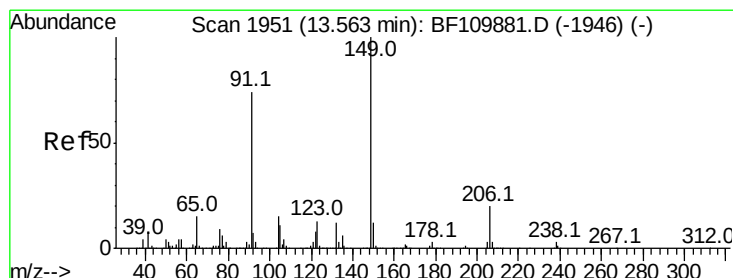
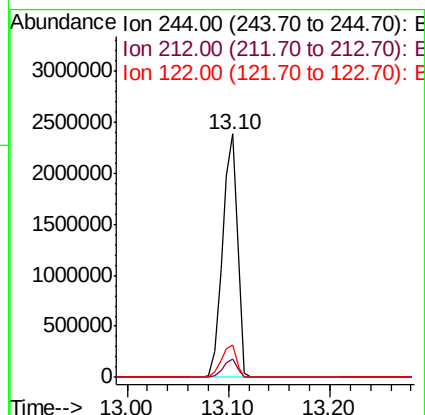
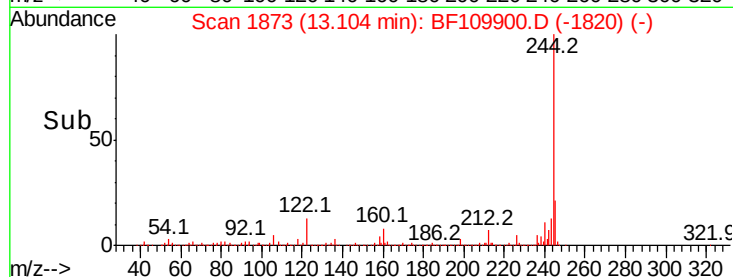
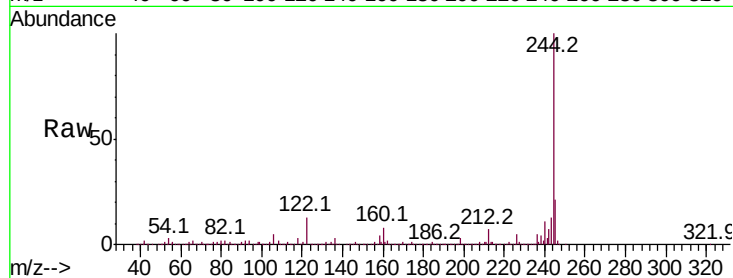
244 100

212 7.4 5.8 8.8

122 13.1 8.7 13.1#

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#80

Butylbenzylphthalate

Concen: 42.783 ng

RT: 13.57 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

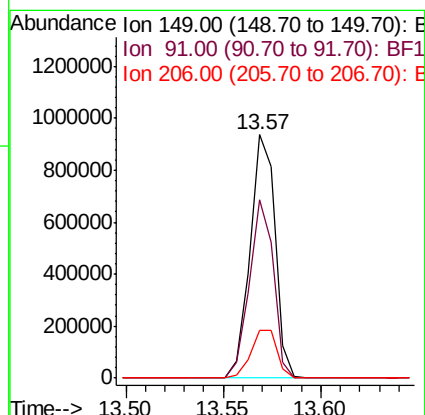
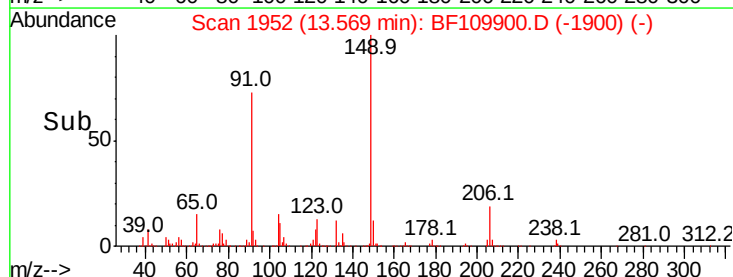
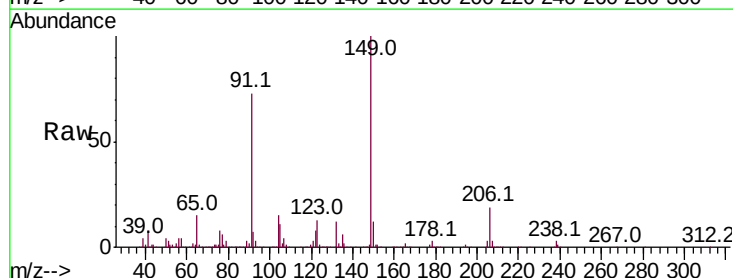
Tgt Ion:149 Resp: 829431

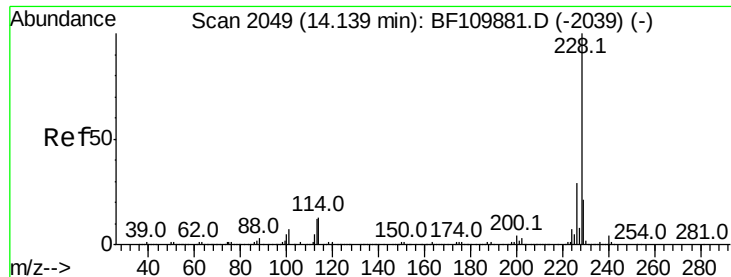
Ion Ratio Lower Upper

149 100

91 73.4 57.2 85.8

206 19.4 15.7 23.5





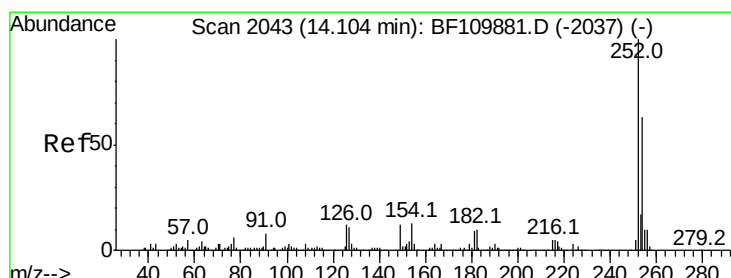
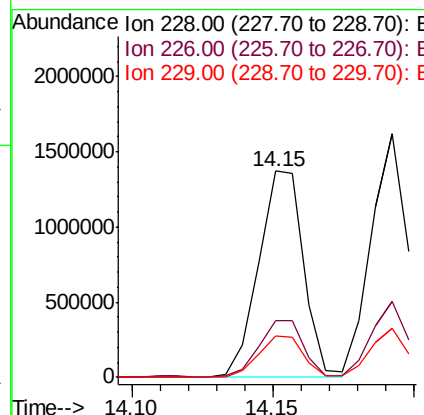
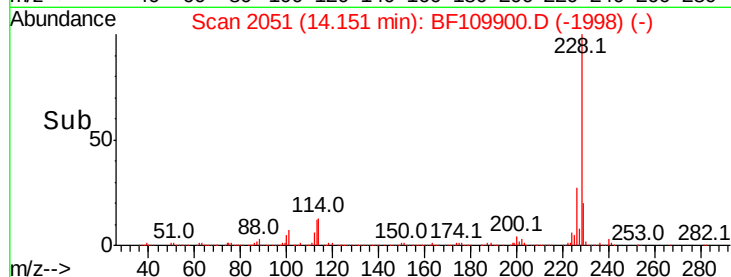
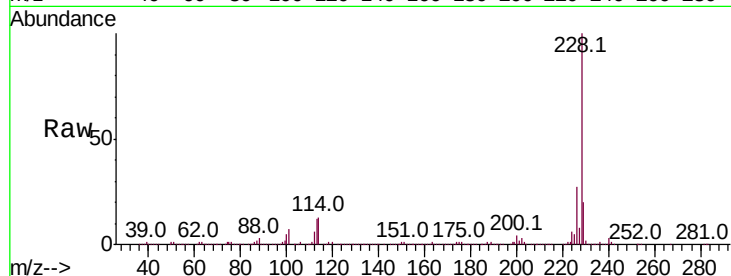
#81
Benzo(a)anthracene
Concen: 39.478 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	20.2	15.6	23.4

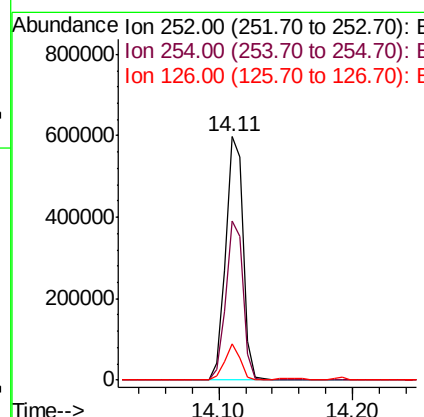
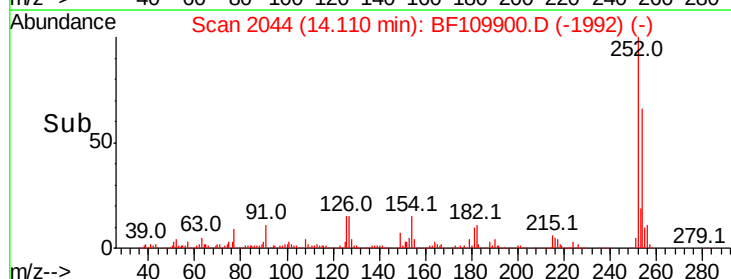
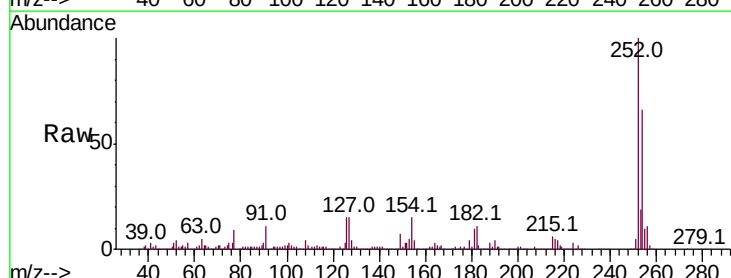
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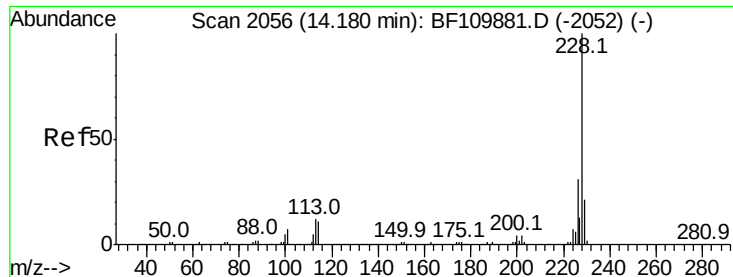
Sohil
10/17/2018 11:15:12 AM



#82
3,3'-Dichlorobenzidine
Concen: 41.164 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	14.6	9.4	14.2#





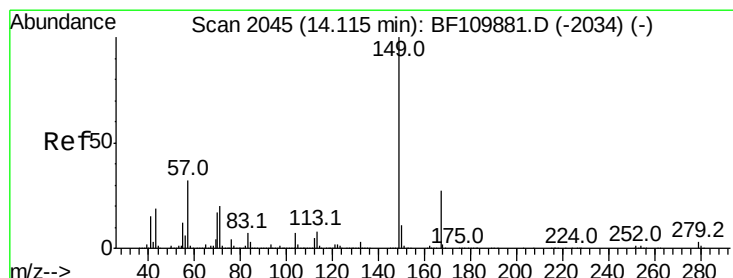
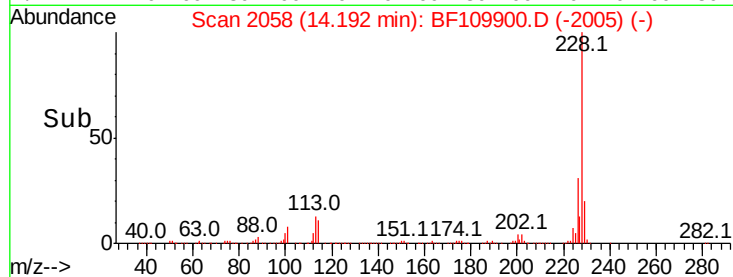
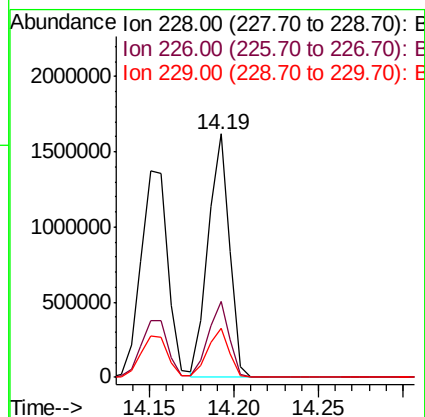
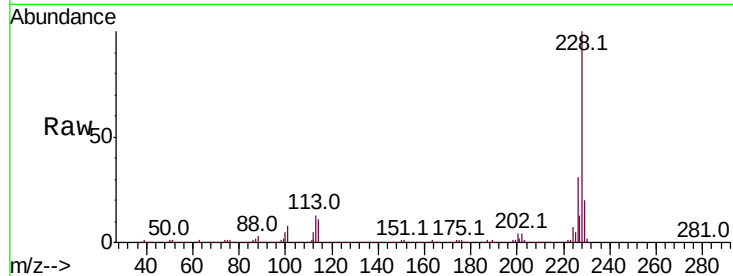
#83
Chrysene
Concen: 39.096 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1431150
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.1 15.9 23.9

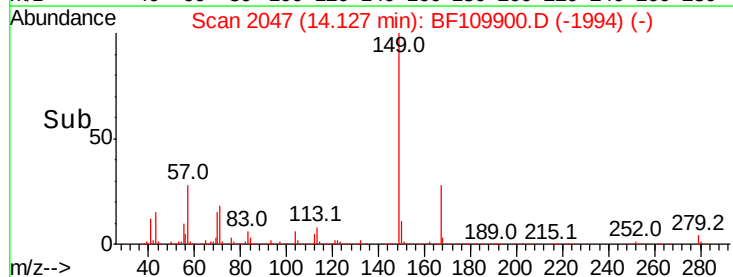
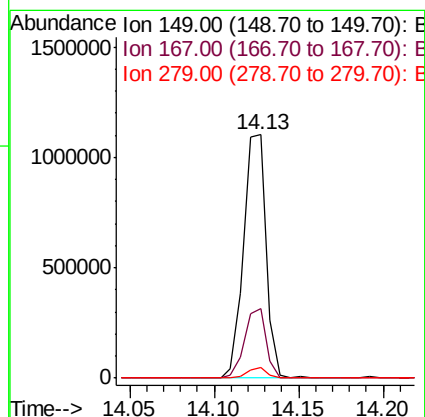
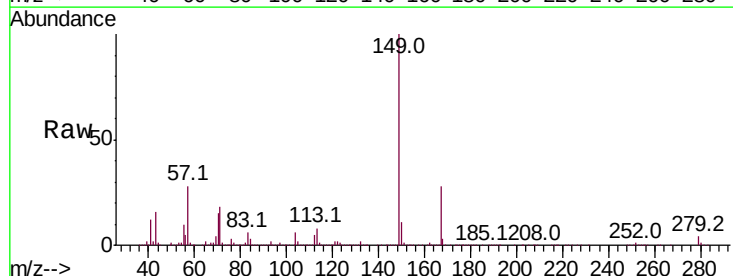
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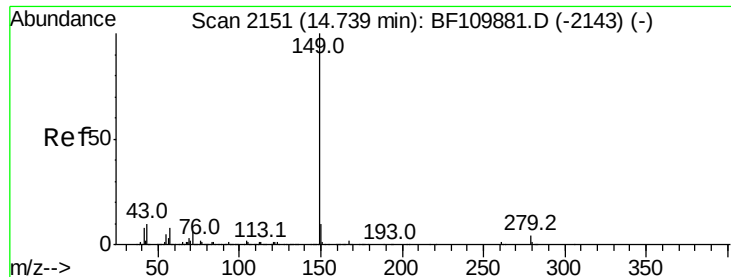
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.347 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion:149 Resp: 1029262
Ion Ratio Lower Upper
149 100
167 28.4 19.8 29.8
279 4.4 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 42.446 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.01 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1526577

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

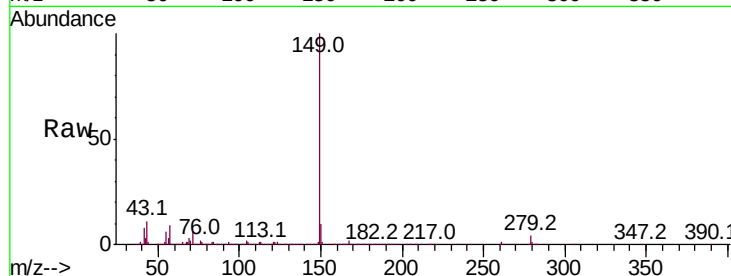
43 10.9 7.8 11.8

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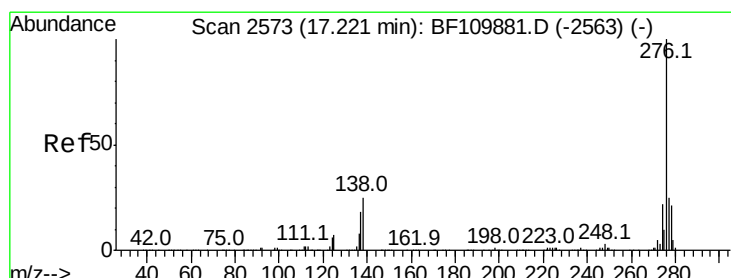
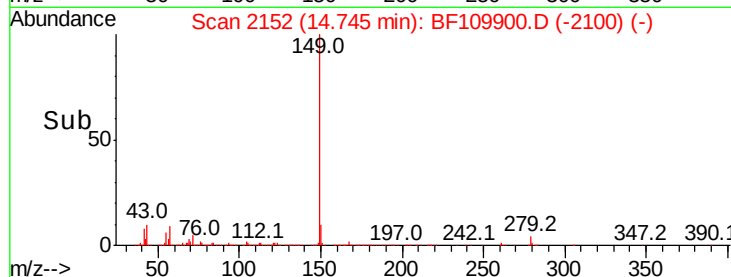
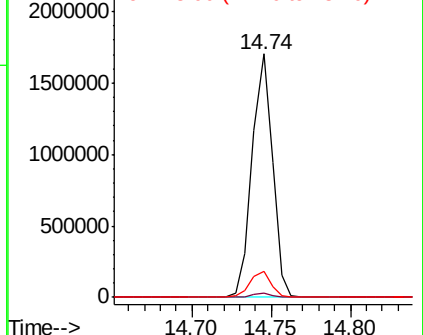
10/17/2018 11:15:12 AM



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: 42.322 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.04 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

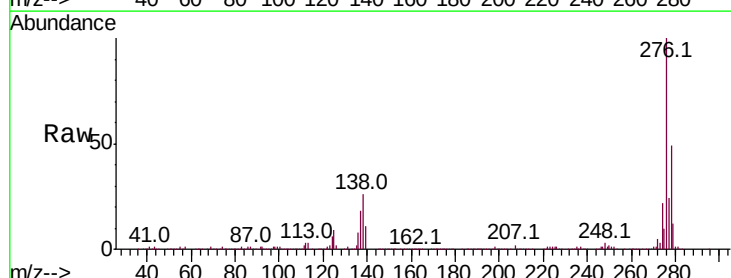
Tgt Ion:276 Resp: 1247358

Ion Ratio Lower Upper

276 100

138 29.6 18.5 27.7#

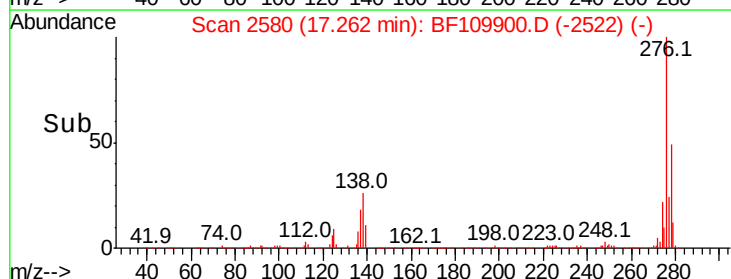
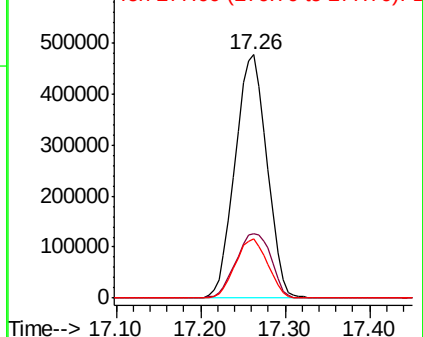
277 25.1 20.0 30.0

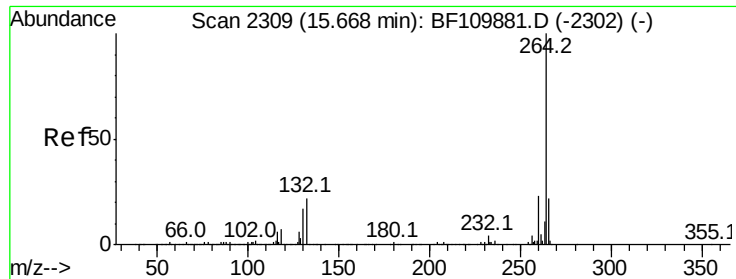


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.69 min Scan# 2313

Delta R.T. 0.02 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

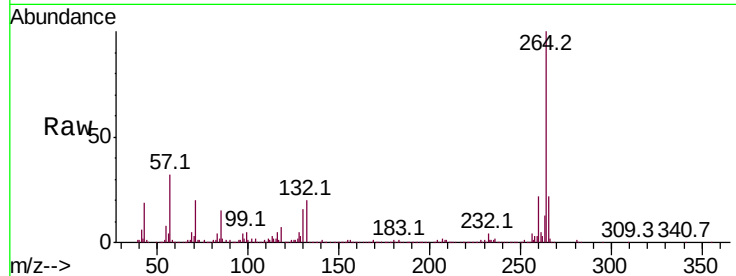
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.7	28.1
265	21.6	16.7	25.1

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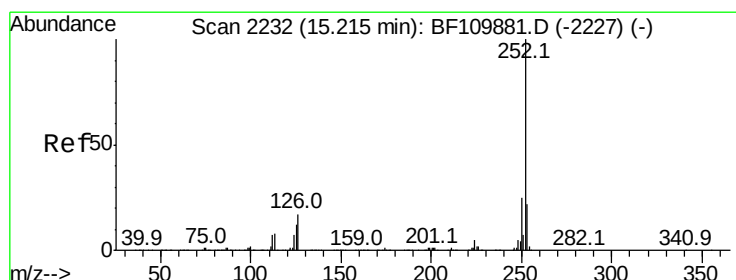
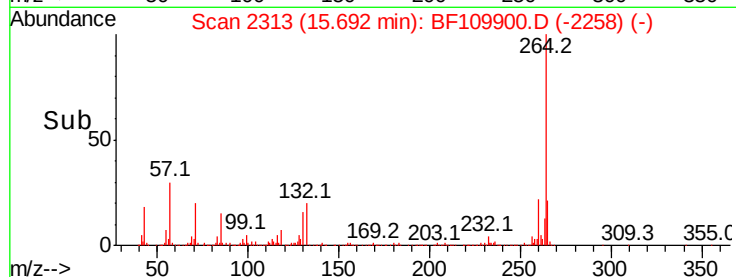
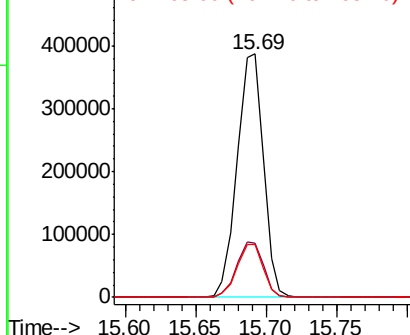


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.535 ng m

RT: 15.23 min Scan# 2235

Delta R.T. 0.02 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

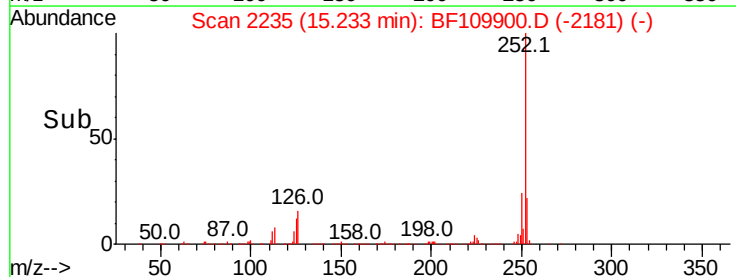
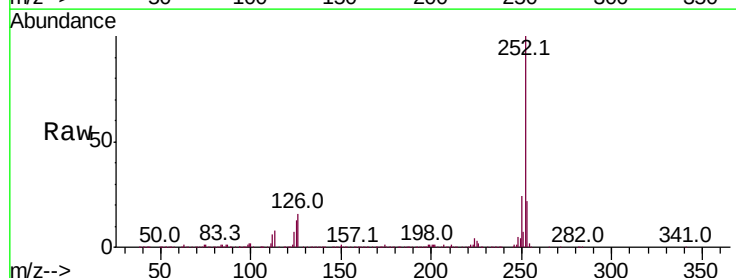
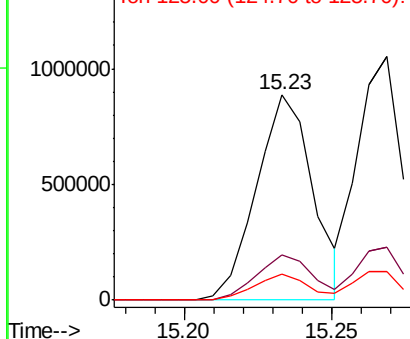
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.6	8.2	12.4#

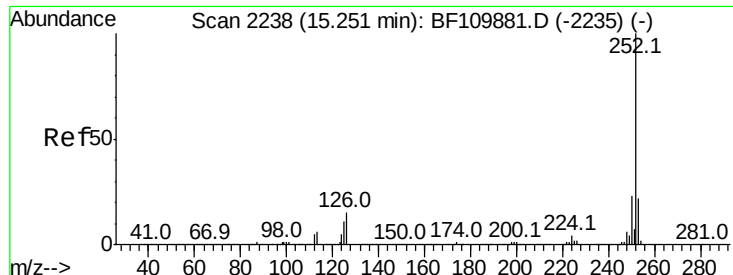
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





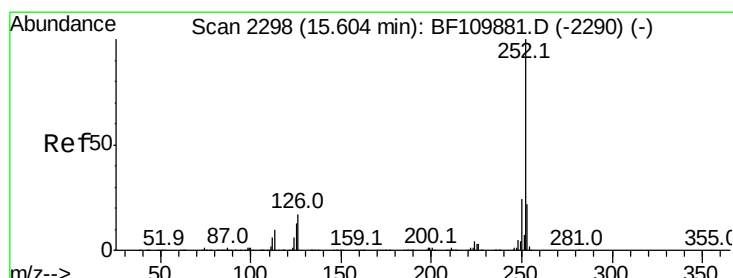
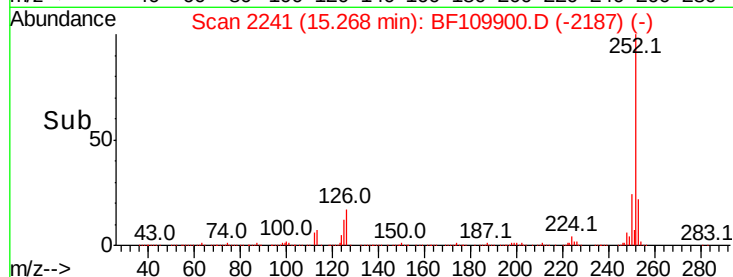
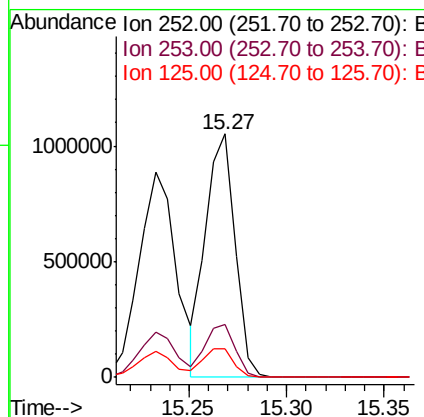
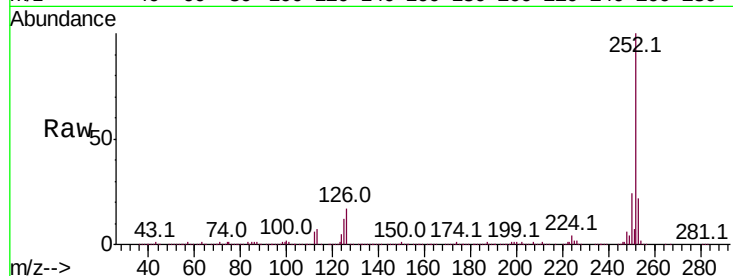
#89
Benzo(k)fluoranthene
Concen: 38.357 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.8	7.4	11.0

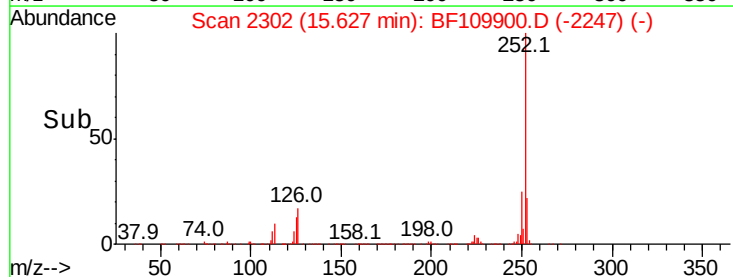
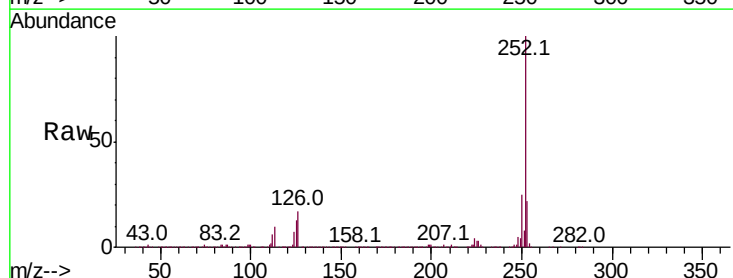
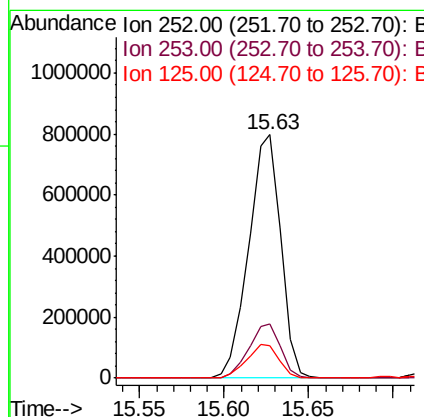
Manual Integrations
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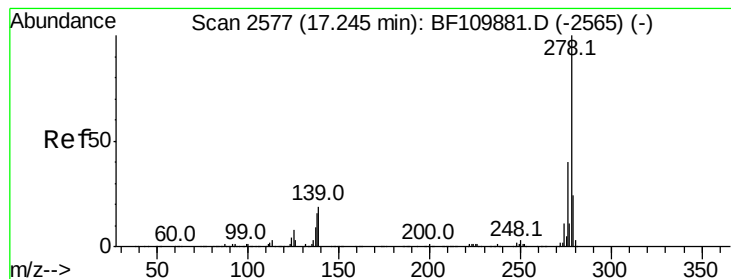
Sohil
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#90
Benzo(a)pyrene
Concen: 39.614 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.02 min
Lab File: BF109900.D
Acq: 16 Oct 2018 12:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	13.1	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.417 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.04 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1028984

Ion Ratio Lower Upper

278 100

139 19.5 12.7 19.1#

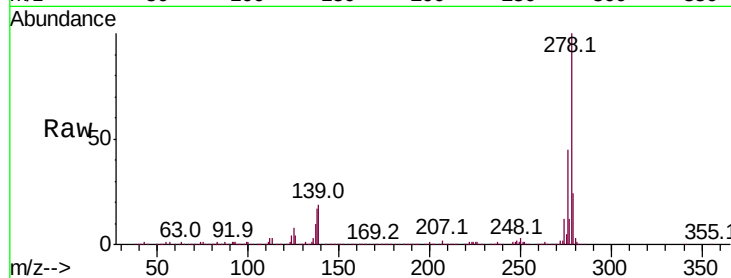
279 24.1 19.0 28.4

Manual Integrations

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Sohil

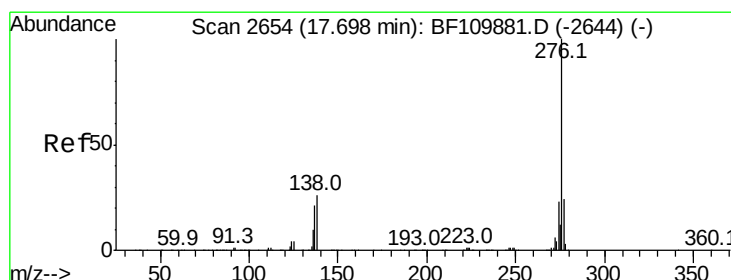
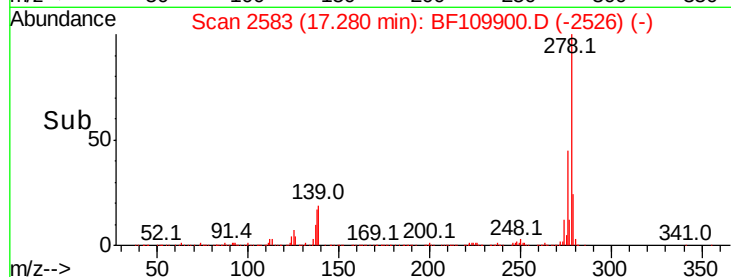
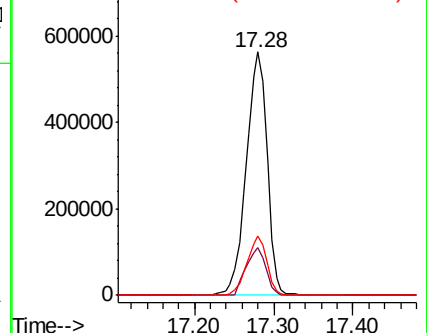
10/17/2018 11:15:12 AM



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: 44.323 ng

RT: 17.74 min Scan# 2661

Delta R.T. 0.04 min

Lab File: BF109900.D

Acq: 16 Oct 2018 12:56

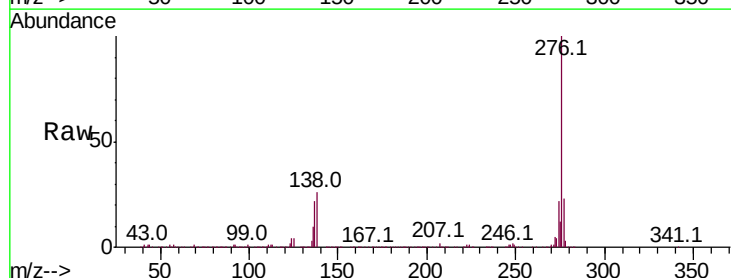
Tgt Ion:276 Resp: 1061329

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 26.1 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

