

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109301.D
 Acq On : 25 Sep 2018 22:08
 Operator : JU/SJ
 Sample : J5044-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Manual Integrations
 APPROVED

Sohil
 9/26/2018 3:42:22 PM

Quant Time: Sep 26 03:58:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	121448	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	455951	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	200515	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	339375	20.00	ng	0.00
75) Chrysene-d12	13.85	240	250624	20.00	ng	0.00
86) Perylene-d12	15.25	264	202589	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	724874	98.31	ng	0.01
7) Phenol-d6	6.35	99	939024	99.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	592810	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	196477	99.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	957639	72.03	ng	0.00
78) Terphenyl-d14	12.80	244	828538	81.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	102819	30.277	ng	93
3) Pyridine	3.12	79	294533	33.698	ng	89
4) n-Nitrosodimethylamine	3.05	42	138233	37.164	ng	# 99
6) Aniline	6.37	93	329470	27.370	ng	# 12
8) 2-Chlorophenol	6.50	128	294582	35.926	ng	96
9) Benzaldehyde	6.25	77	202722	33.539	ng	97
10) Phenol	6.37	94	392160	36.804	ng	# 72
11) bis(2-Chloroethyl)ether	6.45	93	284523	34.125	ng	94
12) 1,3-Dichlorobenzene	6.65	146	316713	33.547	ng	99
13) 1,4-Dichlorobenzene	6.73	146	318113	33.447	ng	99
14) 1,2-Dichlorobenzene	6.88	146	300787	34.282	ng	99
15) Benzyl Alcohol	6.86	79	260392	36.156	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	401355	33.937	ng	95
17) 2-Methylphenol	6.97	107	235961	35.565	ng	97
18) Hexachloroethane	7.22	117	97370	29.058	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	206144	33.436	ng	99
20) 3+4-Methylphenols	7.13	107	287795	35.929	ng	# 78
22) Acetophenone	7.12	105	402509	38.183	ng	# 93
24) Nitrobenzene	7.29	77	310006	37.748	ng	99
25) Isophorone	7.53	82	559550	40.230	ng	98
26) 2-Nitrophenol	7.61	139	121589	37.437	ng	97
27) 2,4-Dimethylphenol	7.65	122	257205	42.441	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	354348	38.487	ng	99
29) 2,4-Dichlorophenol	7.85	162	239059	37.544	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	249067	35.006	ng	96
31) Naphthalene	8.02	128	822856	38.620	ng	100
32) Benzoic acid	7.72	122	23404m	11.675	ng	
33) 4-Chloroaniline	8.06	127	223365	23.997	ng	97
34) Hexachlorobutadiene	8.14	225	146044	34.049	ng	98
35) Caprolactam	8.42	113	72525	35.676	ng	# 87
36) 4-Chloro-3-methylphenol	8.55	107	243073	36.278	ng	99
37) 2-Methylnaphthalene	8.70	142	537119	39.105	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	246446	38.619	ng	97
40) Hexachlorocyclopentadiene	8.86	237	41127	14.776	ng	99

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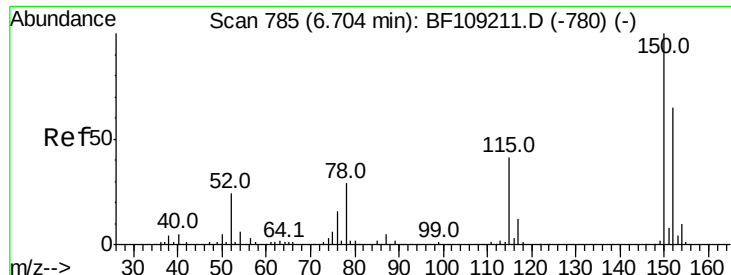
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	156515	38.215	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	160174	37.029	nq	92
45) 1,1'-Biphenyl	9.17	154	621832	38.062	nq	99
46) 2-Chloronaphthalene	9.19	162	475790	36.455	nq	98
47) 2-Nitroaniline	9.29	65	154386	41.722	nq	98
48) Acenaphthylene	9.60	152	749310	38.057	nq	100
49) Dimethylphthalate	9.47	163	873187	59.872	nq	99
50) 2,6-Dinitrotoluene	9.53	165	117495	40.678	nq	98
51) Acenaphthene	9.77	154	427357	35.900	nq	99
52) 3-Nitroaniline	9.69	138	125942	37.651	nq	93
53) 2,4-Dinitrophenol	9.80	184	3811	11.827	nq #	22
54) Dibenzofuran	9.95	168	635114	35.875	nq	98
55) 4-Nitrophenol	9.86	139	163542	64.902	nq	94
56) 2,4-Dinitrotoluene	9.93	165	140235	38.371	nq #	97
57) Fluorene	10.29	166	463062	36.660	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	122281	35.703	nq #	88
59) Diethylphthalate	10.17	149	543830	36.823	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	224034	33.958	nq	96
61) 4-Nitroaniline	10.30	138	121347	37.198	nq	95
62) Azobenzene	10.44	77	511643	33.345	nq	96
64) 4,6-Dinitro-2-methylphenol	10.34	198	9174	12.356	nq	81
65) n-Nitrosodiphenylamine	10.40	169	446542	39.824	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	143050	37.958	nq #	89
67) Hexachlorobenzene	10.84	284	147715	36.906	nq #	91
68) Atrazine	10.93	200	142207	41.237	nq	98
69) Pentachlorophenol	11.03	266	132725	55.405	nq	98
70) Phenanthrene	11.25	178	676446	39.920	nq	99
71) Anthracene	11.30	178	673612	39.194	nq	98
72) Carbazole	11.45	167	604920	35.376	nq	98
73) Di-n-butylphthalate	11.79	149	738019	37.490	nq	99
74) Fluoranthene	12.43	202	715978	39.538	nq	97
76) Benzidine	12.54	184	451665	49.984	nq	98
77) Pyrene	12.66	202	716355	39.882	nq	100
79) Butylbenzylphthalate	13.27	149	298808	39.102	nq	96
80) Benzo(a)anthracene	13.84	228	598921	39.675	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	218915	38.158	nq	97
82) Chrysene	13.87	228	575549	38.467	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	380800	39.513	nq	98
84) Di-n-octyl phthalate	14.44	149	672790	40.829	nq	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	410969	33.886	nq #	92
87) Benzo(b)fluoranthene	14.86	252	498115	44.746	nq	98
88) Benzo(k)fluoranthene	14.88	252	415531	39.337	nq	97
89) Benzo(a)pyrene	15.19	252	428079	42.676	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	332864	40.448	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	339533	41.981	nq #	93

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



#1

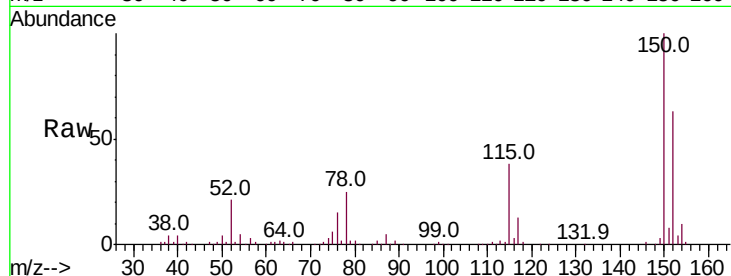
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

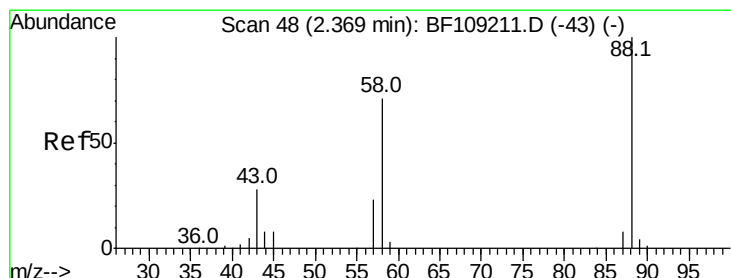
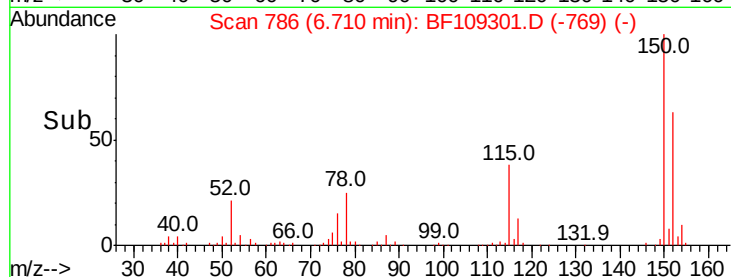
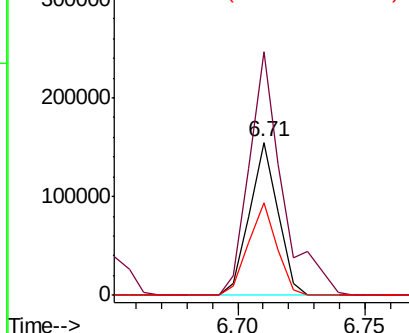
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	60.5	50.1	75.1

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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

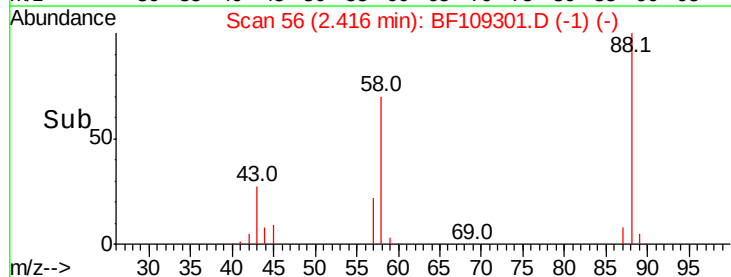
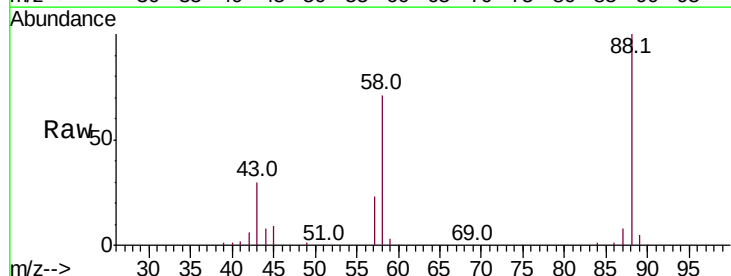
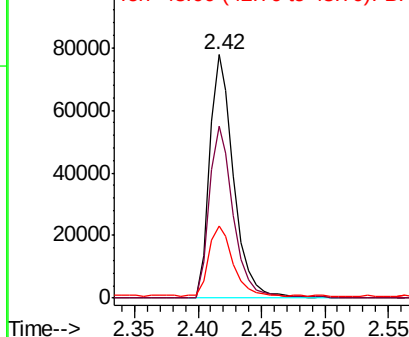


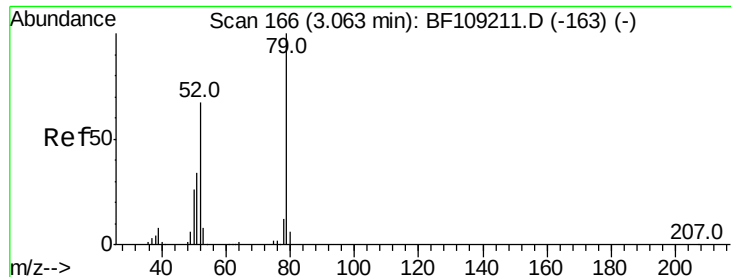
#2

1,4-Dioxane
Concen: 30.277 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	62.6	93.8
43	28.8	24.6	37.0

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: 33.698 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.06 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

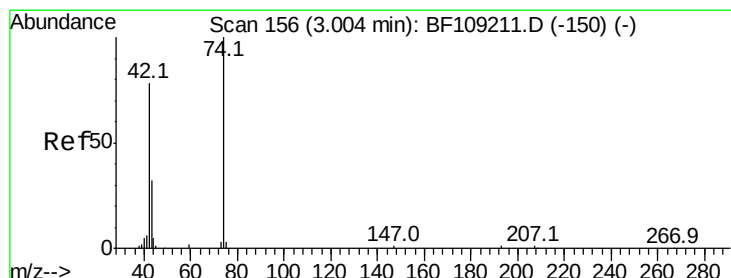
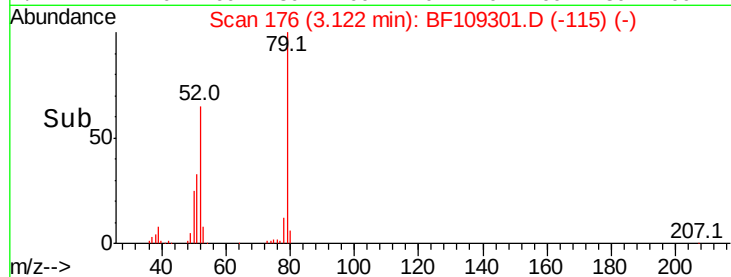
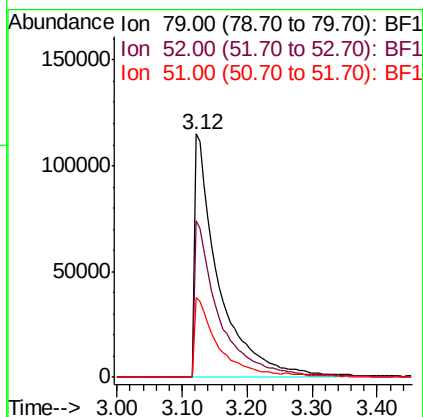
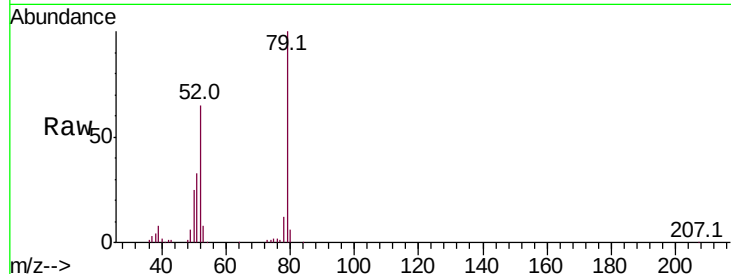
ClientSampleId :

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Tot Ion:	79	Resp:	294533
Ion Ratio	Lower	Upper	
79	100		
52	64.5	59.8	89.6
51	32.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.164 ng

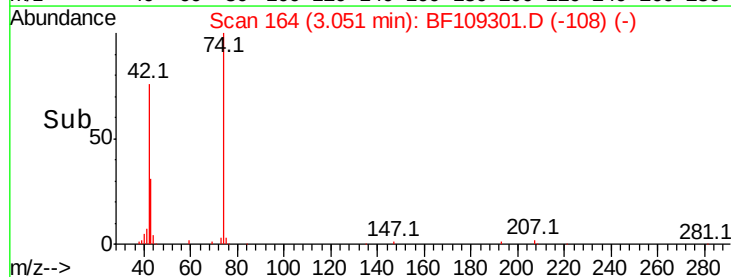
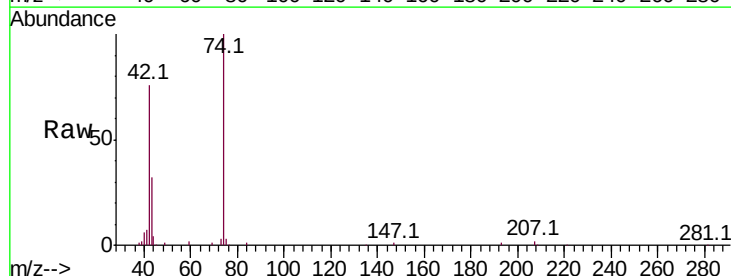
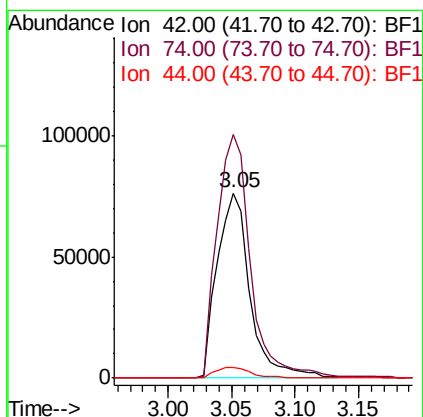
RT: 3.05 min Scan# 164

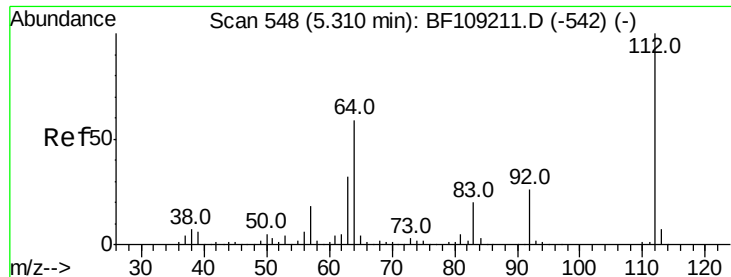
Delta R.T. 0.03 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	42	Resp:	138233
Ion Ratio	Lower	Upper	
42	100		
74	131.7	104.9	157.3
44	5.7	6.9	10.3#





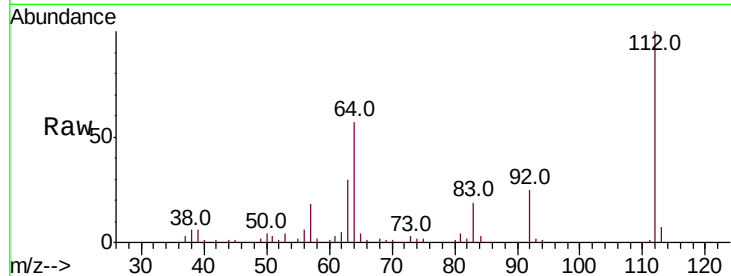
#5
2-Fluorophenol
Concen: 98.307 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

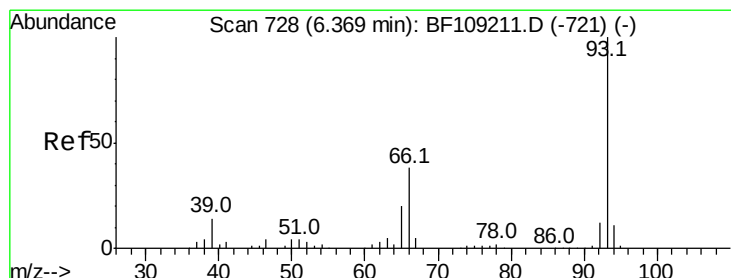
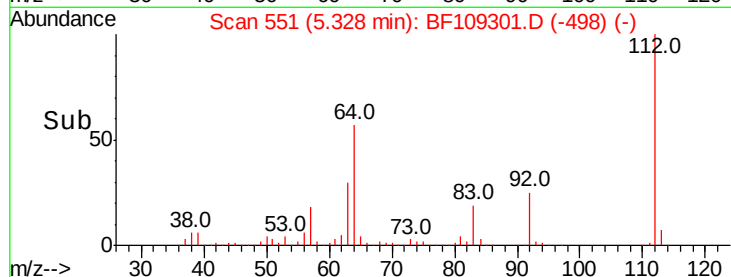
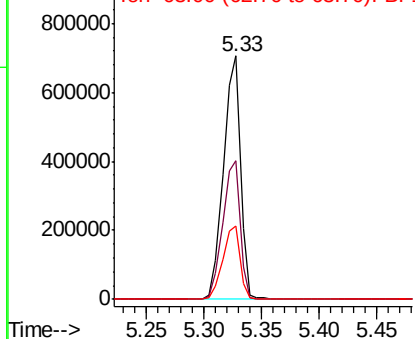
Tot Ion	Ratio	Resp	Lower	Upper
112	100	724874		
64	56.9		47.9	71.9
63	30.2		23.7	35.5

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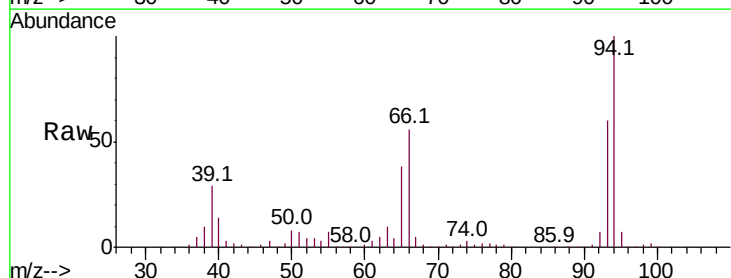


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

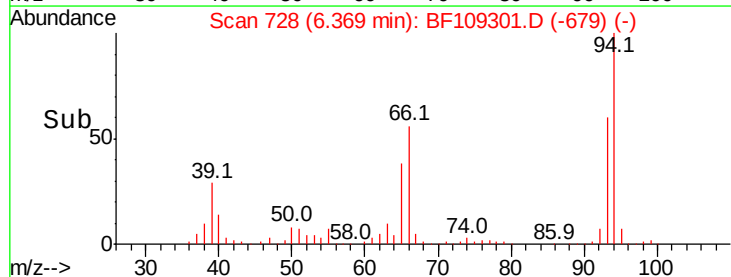
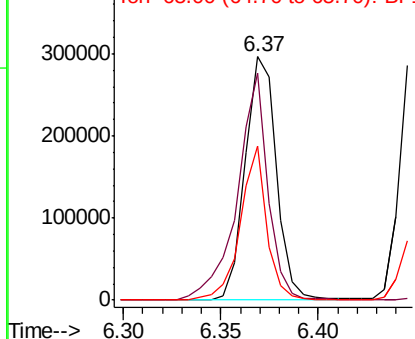


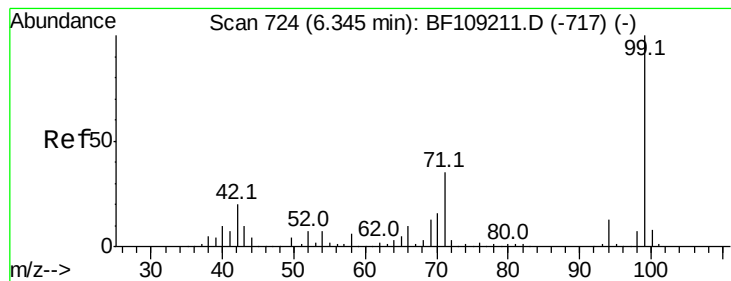
#6
Aniline
Concen: 27.370 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329470		
66	93.4		32.2	48.2#
65	63.2		16.4	24.6#



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





#7

Phenol-d6

Concen: 99.801 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

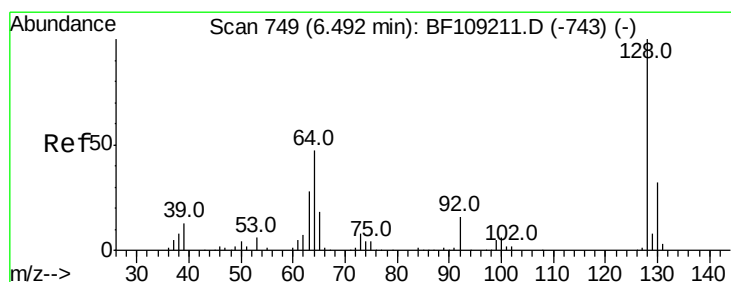
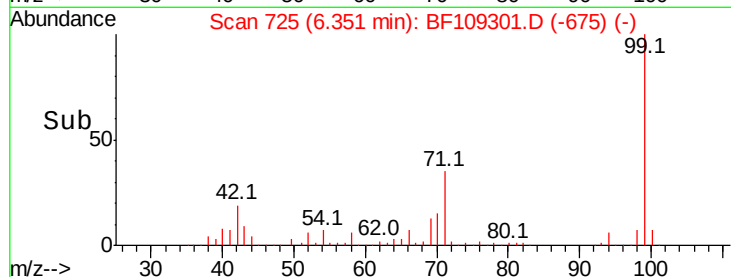
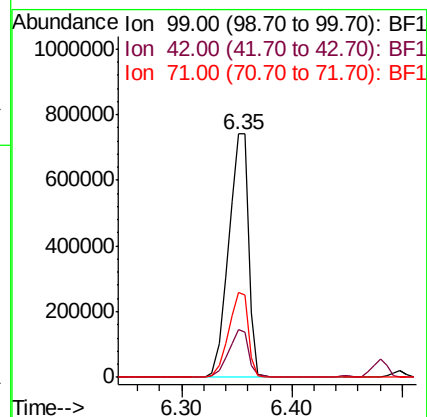
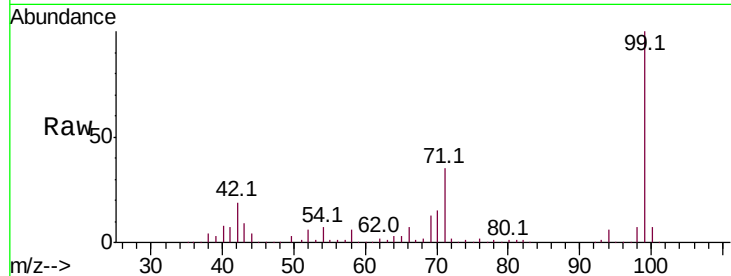
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	939024		
42	19.4		14.5	21.7
71	34.9		25.4	38.0

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#8

2-Chlorophenol

Concen: 35.926 ng

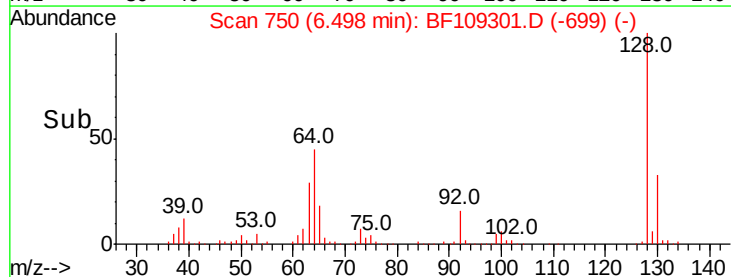
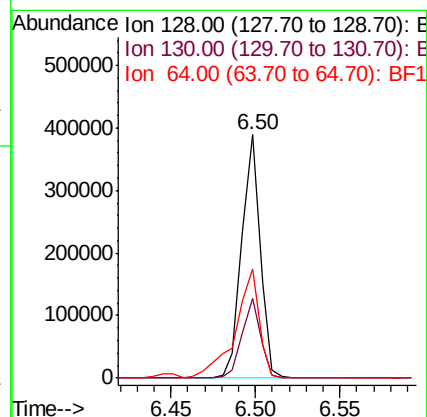
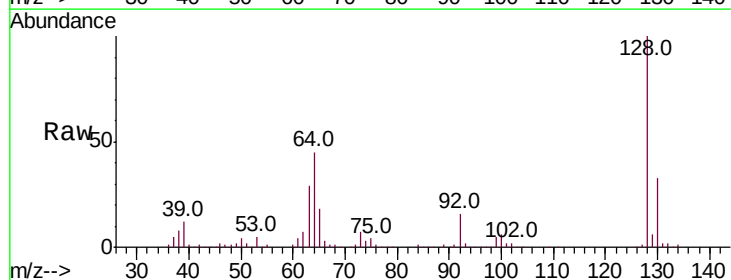
RT: 6.50 min Scan# 750

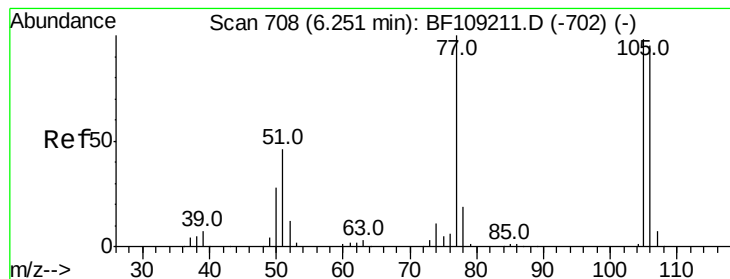
Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	294582		
130	32.8		13.0	53.0
64	44.8		29.4	69.4





#9

Benzaldehyde

Concen: 33.539 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

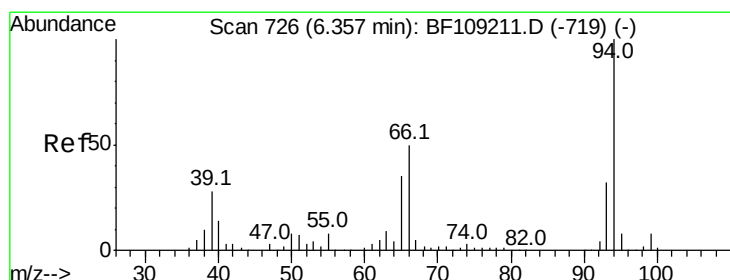
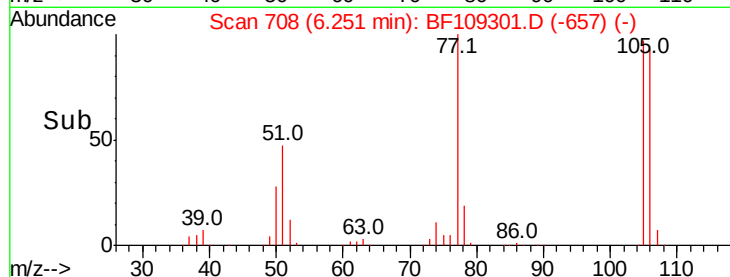
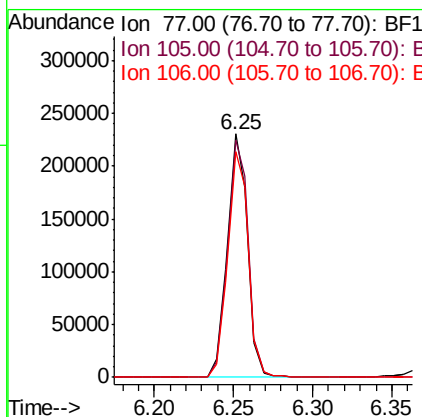
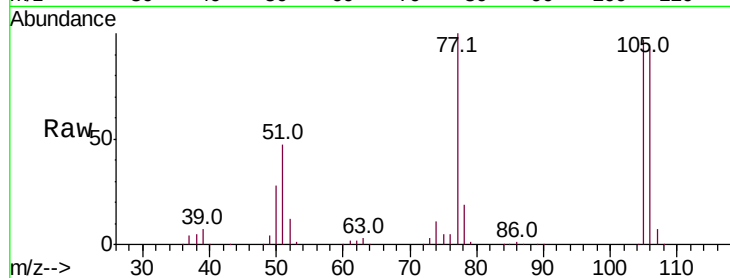
ClientSampleId :

GRID08-COMP-092018MSD

Tot Ion:	77	Resp:	202722
Ion Ratio	Lower	Upper	
77	100		
105	97.2	81.1	121.1
106	92.6	74.5	114.5

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#10

Phenol

Concen: 36.804 ng

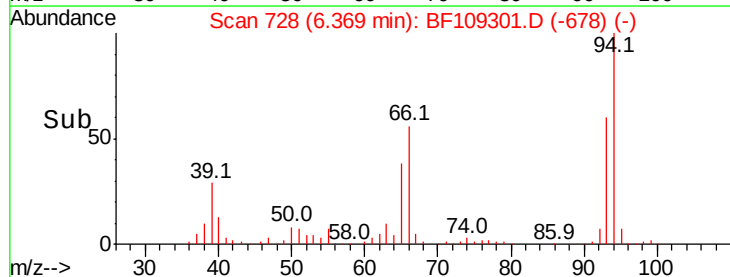
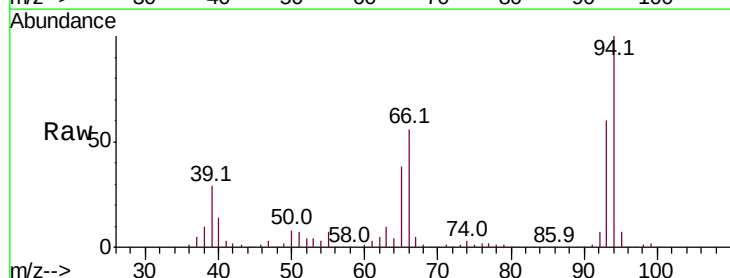
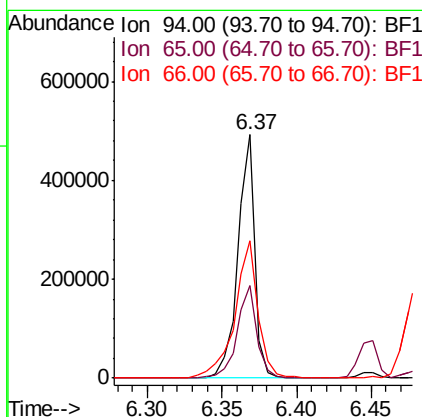
RT: 6.37 min Scan# 728

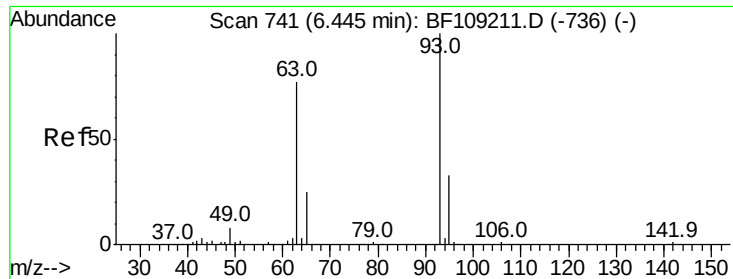
Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	94	Resp:	392160
Ion Ratio	Lower	Upper	
94	100		
65	38.1	7.9	47.9
66	56.3	16.2	56.2#





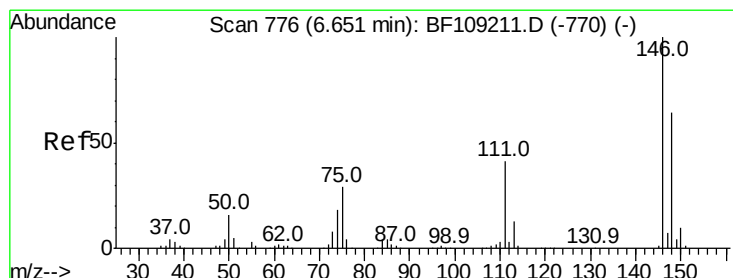
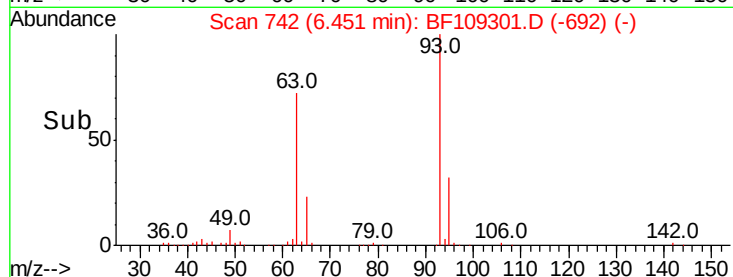
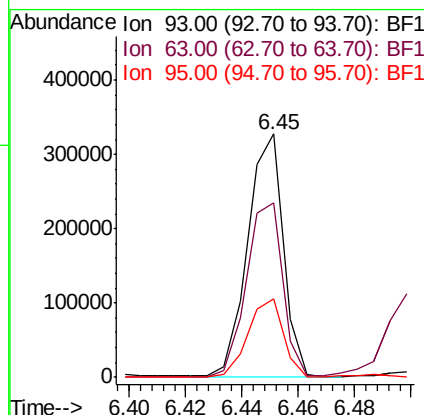
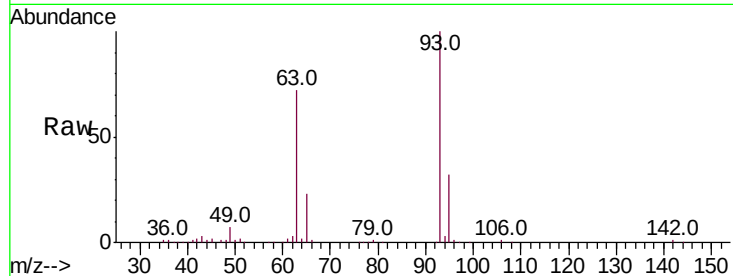
#11
bis(2-Chloroethyl)ether
Concen: 34.125 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	58.6	98.6
95	32.3	11.8	51.8

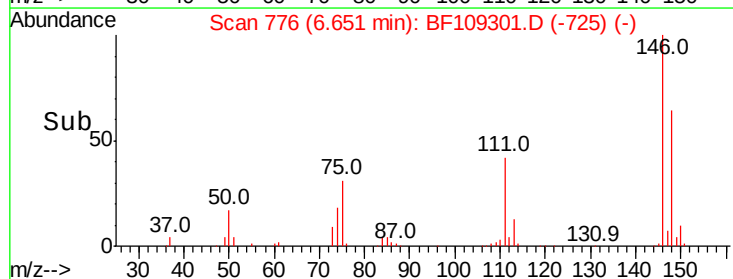
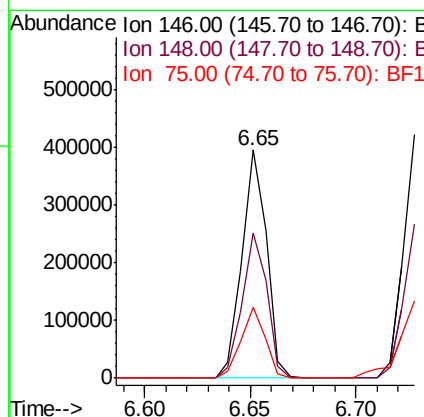
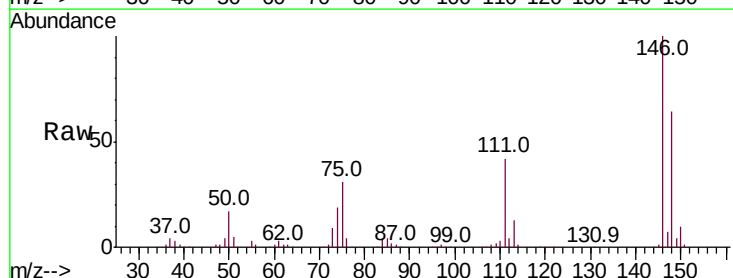
Manual Integrations
APPROVED

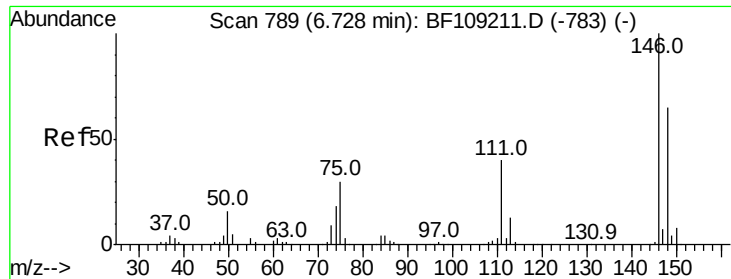
Sohil
9/26/2018 3:42:22 PM



#12
1,3-Dichlorobenzene
Concen: 33.547 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	31.3	24.2	36.4





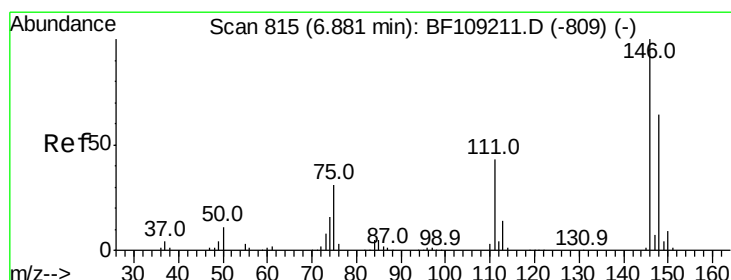
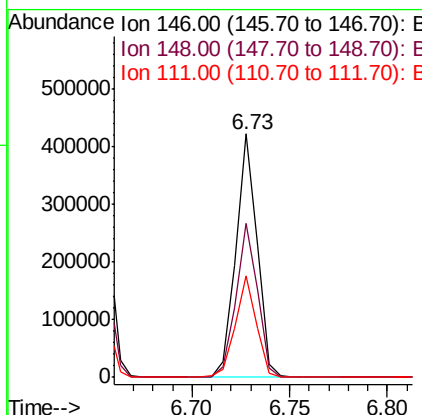
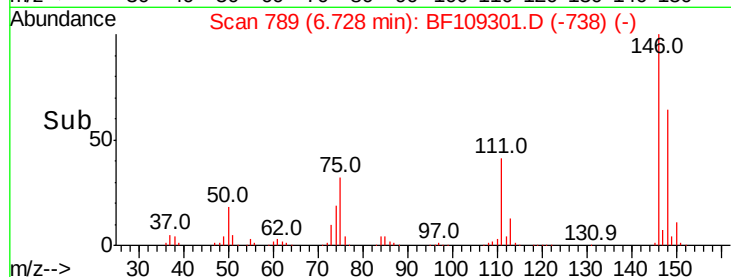
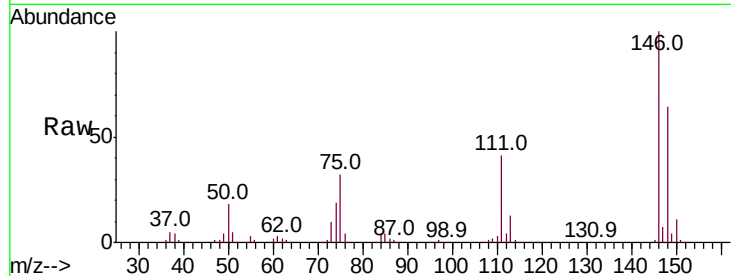
#13
 1,4-Dichlorobenzene
 Concen: 33.447 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.5	34.2	51.2

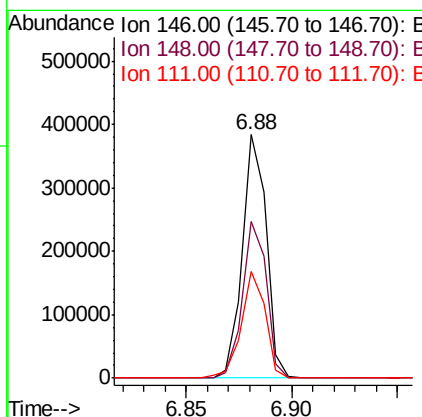
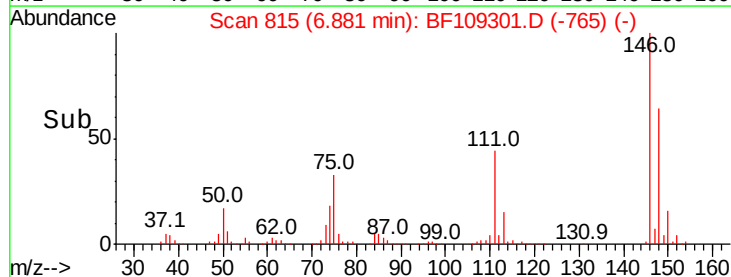
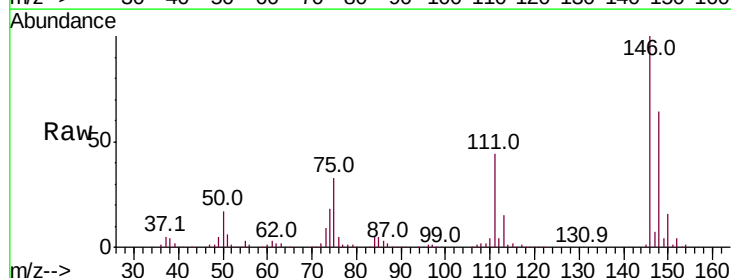
Manual Integrations
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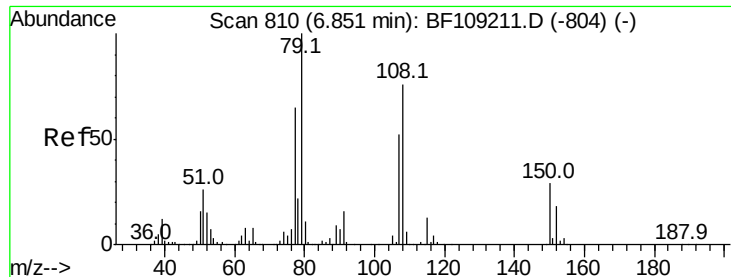
Sohil
 9/26/2018 3:42:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.282 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	44.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.156 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

GRID08-COMP-092018MSD

Tot Ion: 79 Resp: 260392

Ion Ratio Lower Upper

79 100

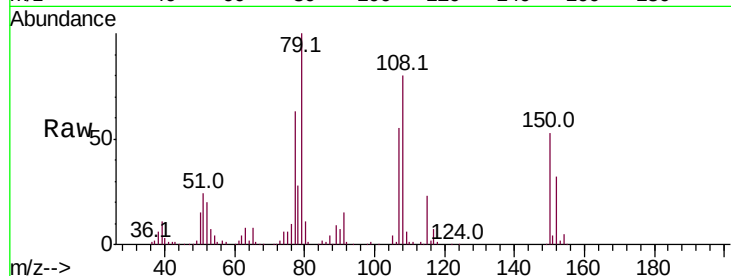
108 79.7 65.1 97.7

77 62.8 50.6 75.8

Manual Integrations
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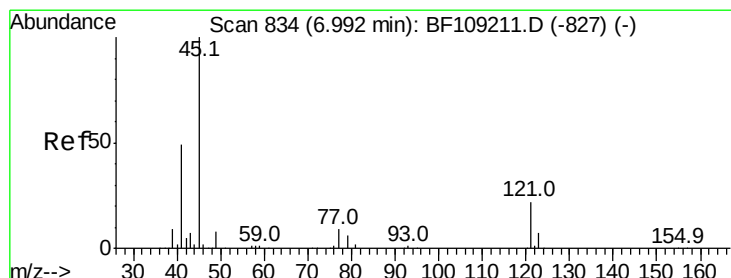
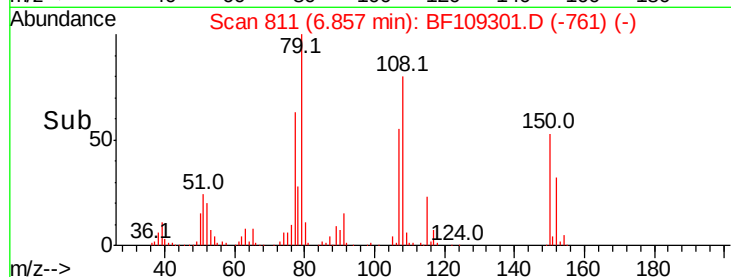
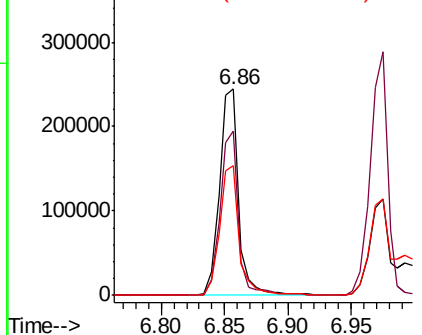
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.937 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

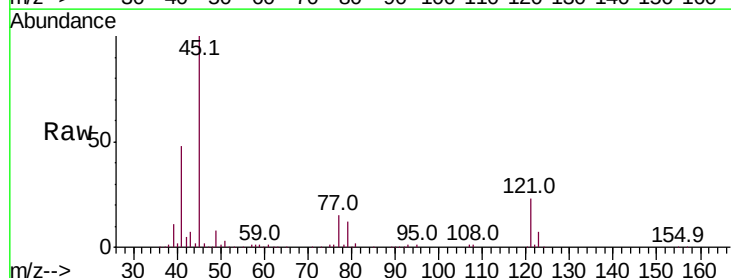
Tgt Ion: 45 Resp: 401355

Ion Ratio Lower Upper

45 100

77 14.8 0.0 32.9

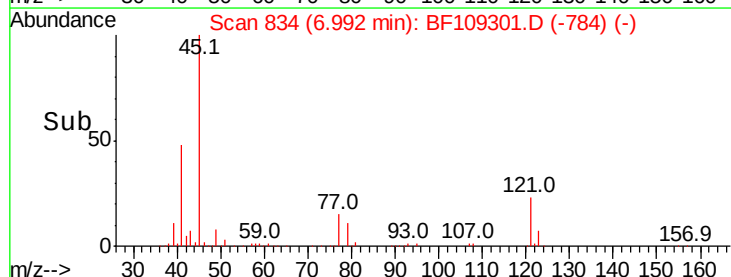
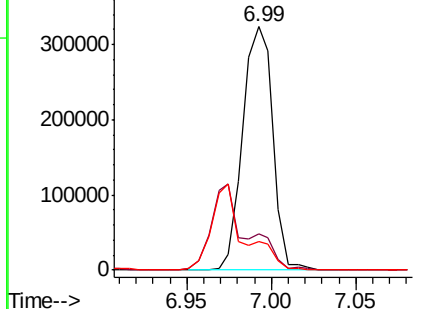
79 11.7 0.0 29.6

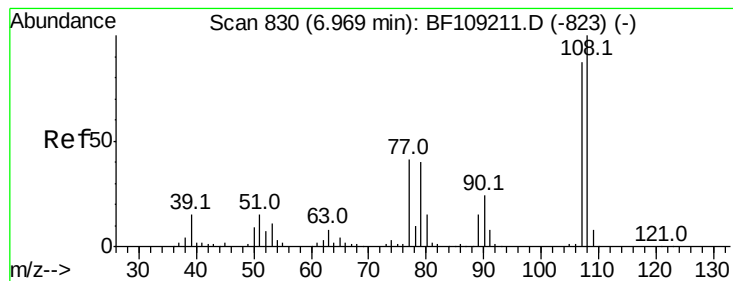


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





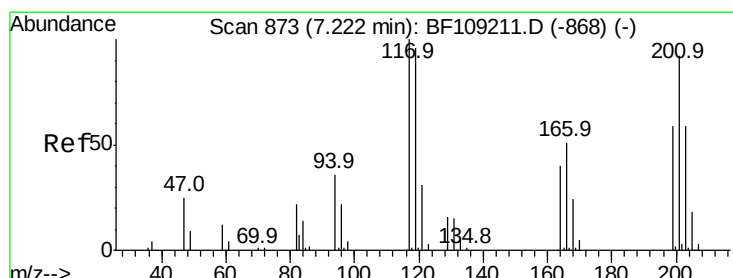
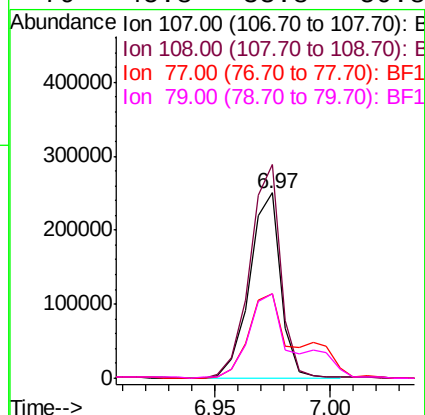
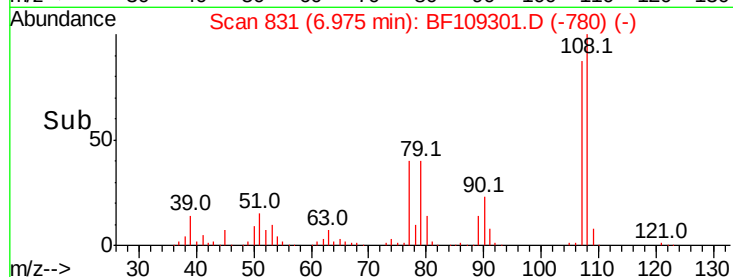
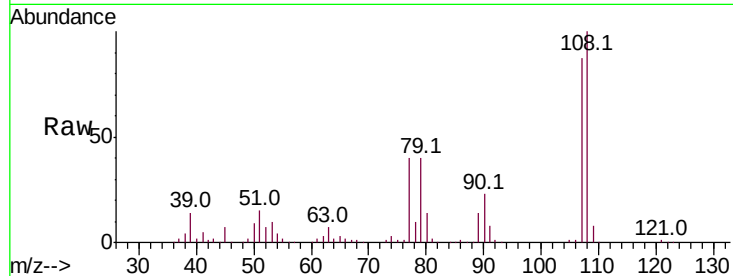
#17
2-Methylphenol
Concen: 35.565 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	91.7	137.5	
77	45.7	33.8	50.8	
79	45.8	33.8	50.8	

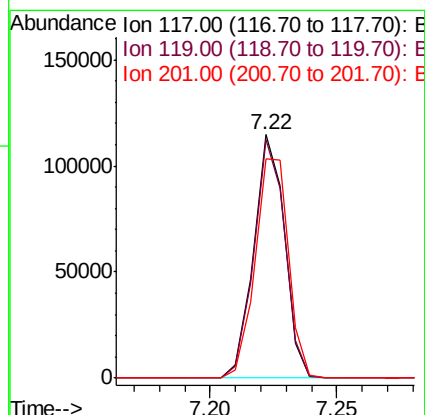
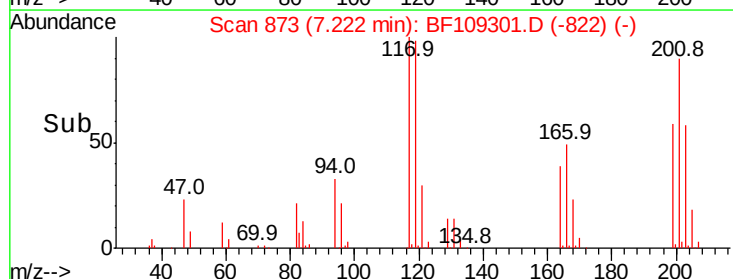
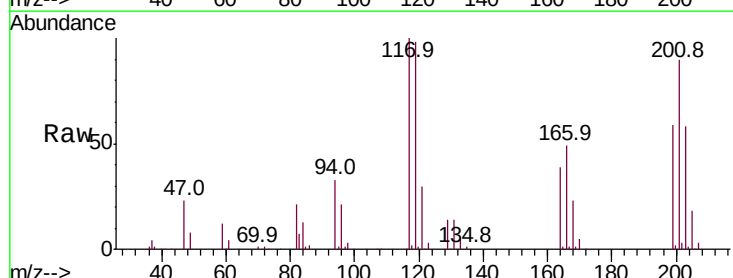
Manual Integrations
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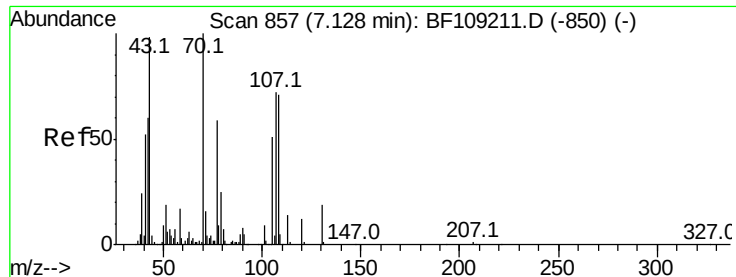
Sohil
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#18
Hexachloroethane
Concen: 29.058 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	75.8	113.8	
201	90.1	75.7	113.5	





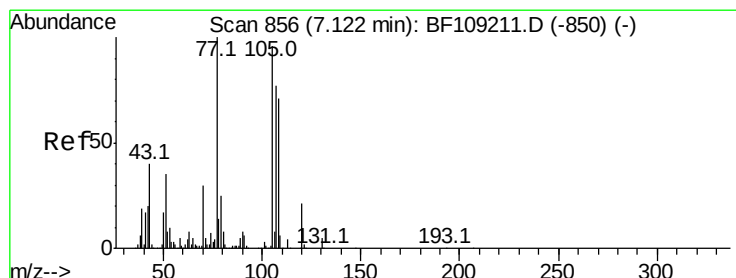
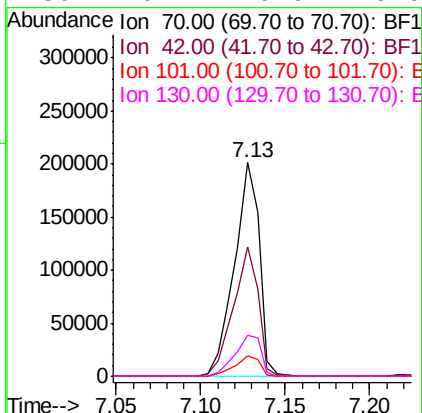
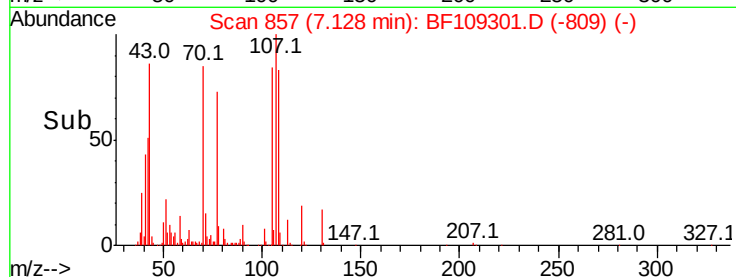
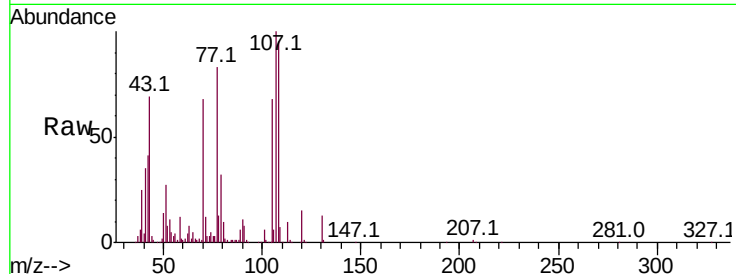
#19
n-Nitroso-di-n-propylamine
Concen: 33.436 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.3		47.5	71.3	
101	9.3		7.4	11.2	
130	19.4		16.6	25.0	

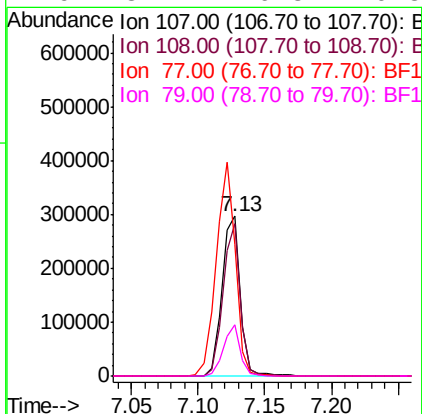
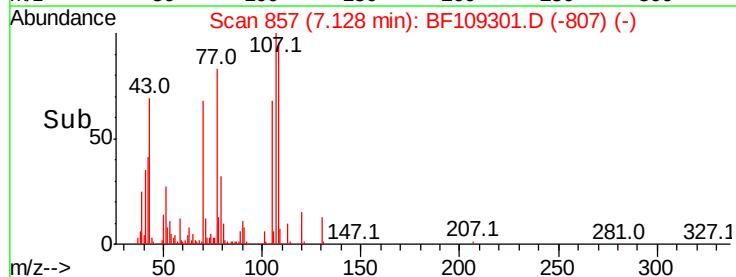
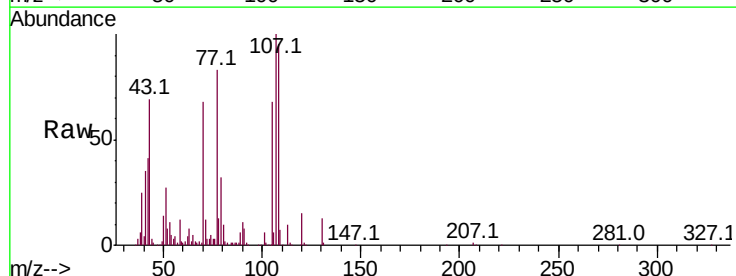
Manual Integrations
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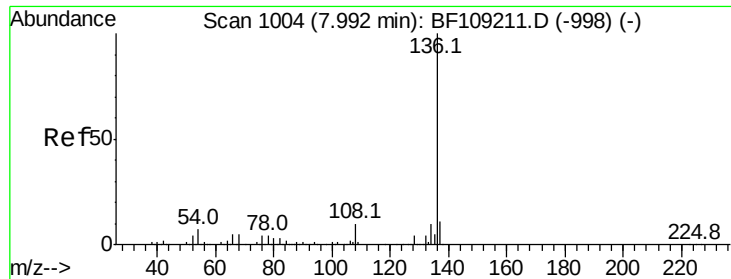
Sohil
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#20
3+4-Methylphenols
Concen: 35.929 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.0		68.2	108.2	
77	82.8		26.7	66.7	
79	32.4		6.3	46.3	





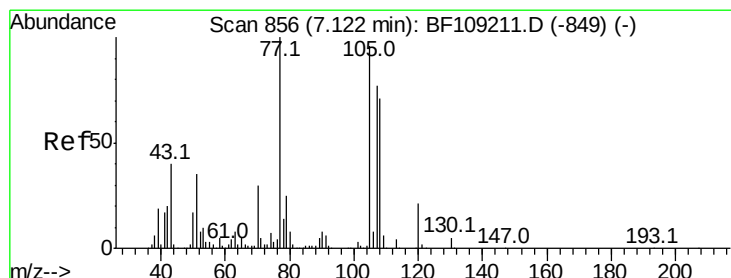
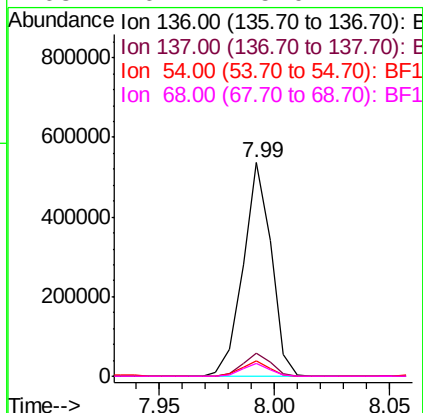
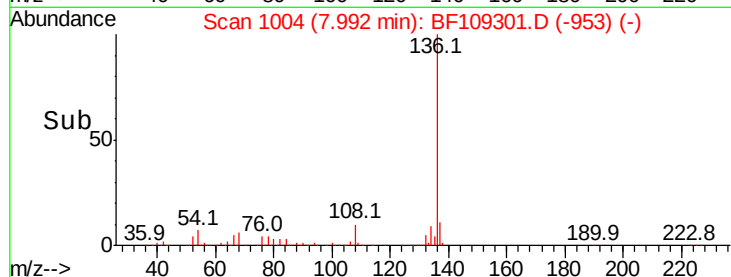
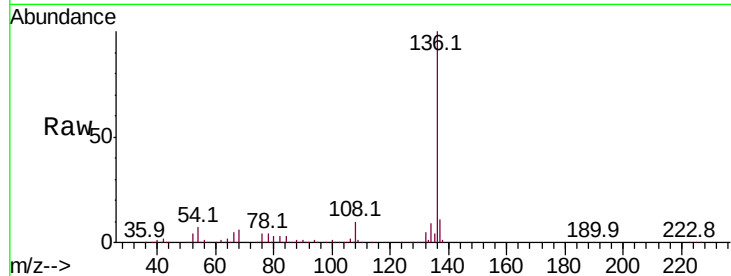
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.2	6.6	9.8	
68	6.1	5.0	7.4	

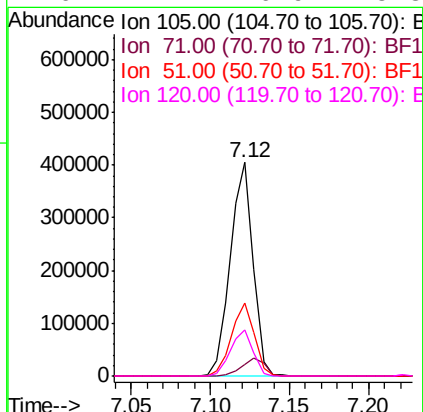
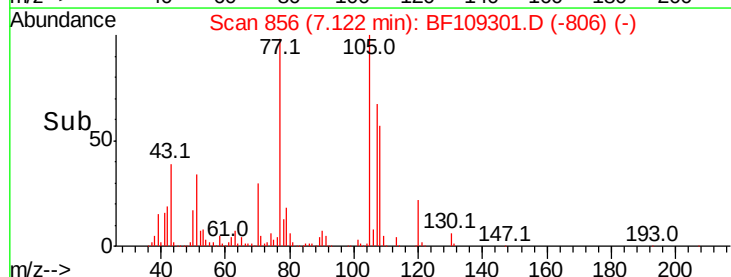
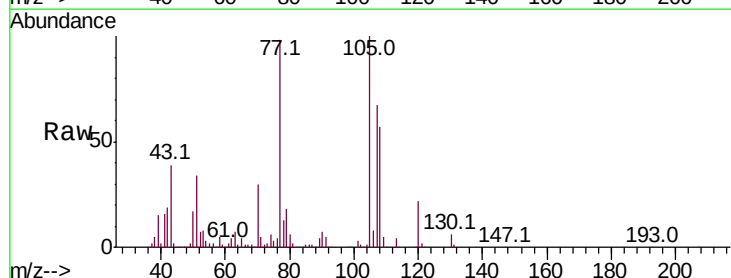
Manual Integrations
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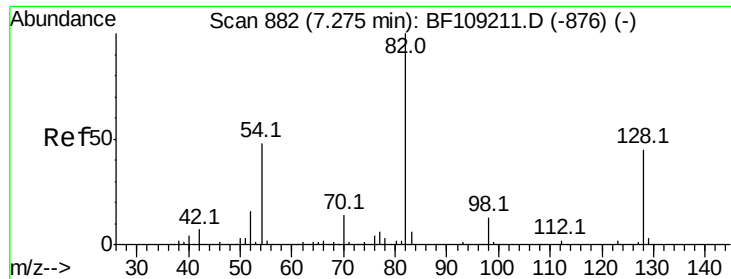
Sohil
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#22
Acetophenone
Concen: 38.183 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	4.4	6.6	
51	34.0	22.3	33.5	
120	21.7	16.9	25.3	





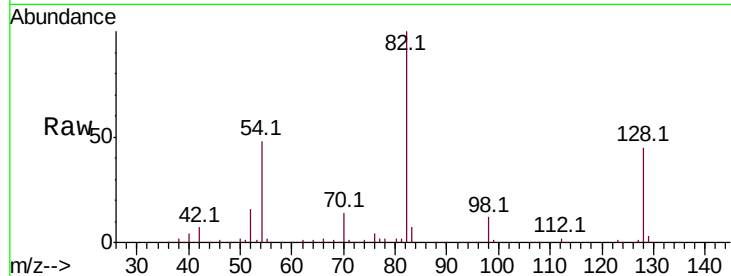
#23
Nitrobenzene-d5
Concen: 76.751 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

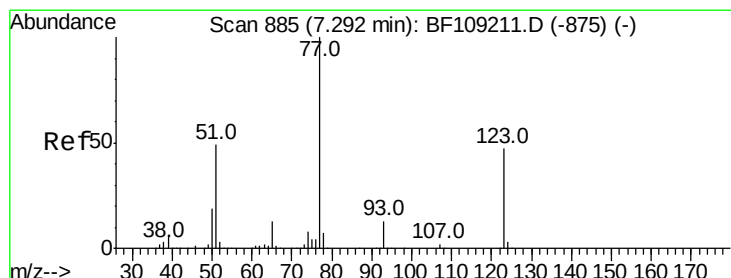
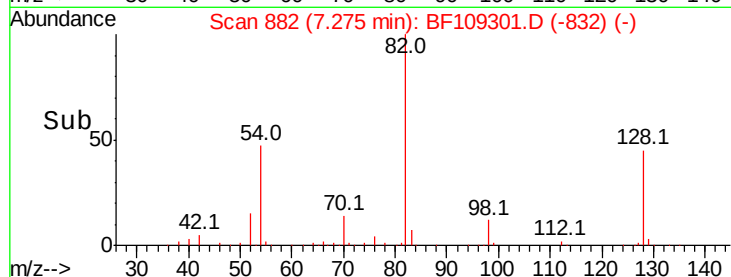
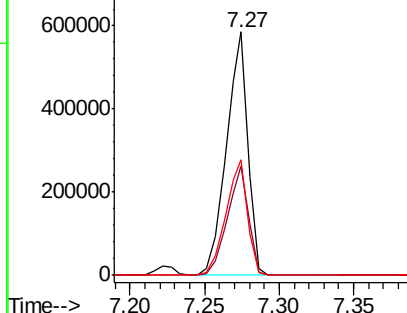
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	36.1	54.1	
54	47.7	41.4	62.2	

Manual Integrations
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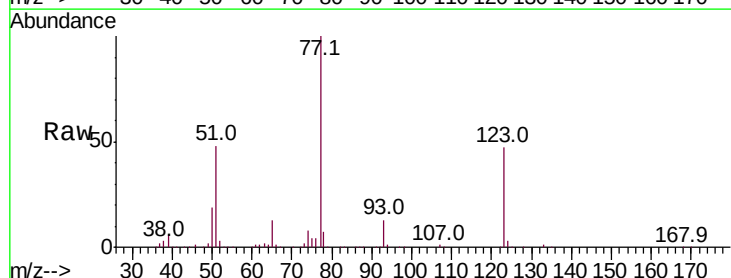


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

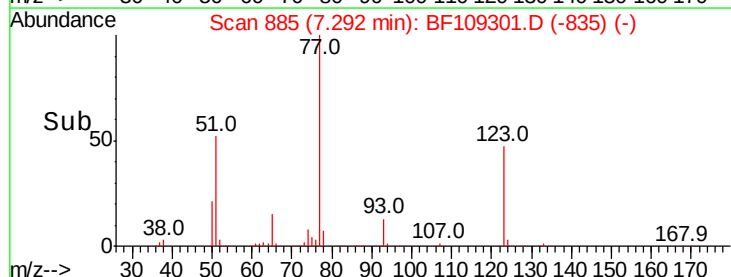
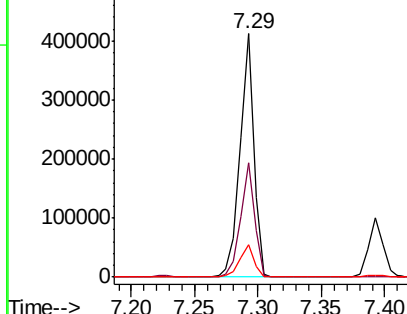


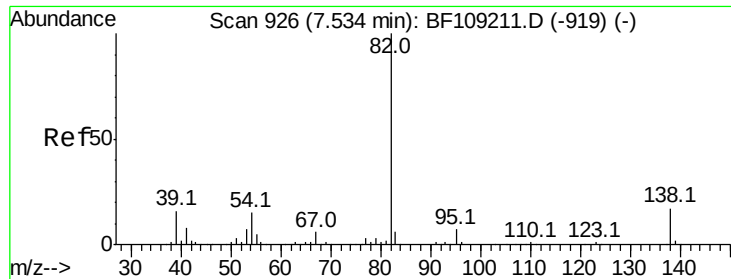
#24
Nitrobenzene
Concen: 37.748 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.2	37.9	56.9	
65	13.1	11.0	16.4	



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





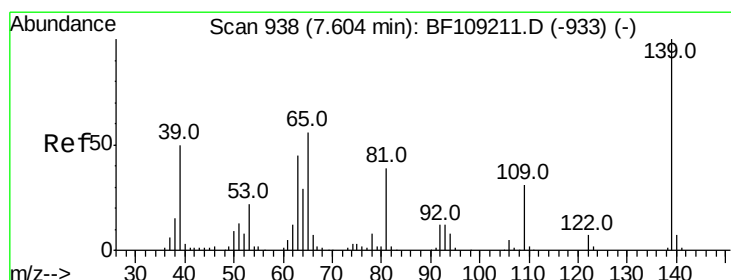
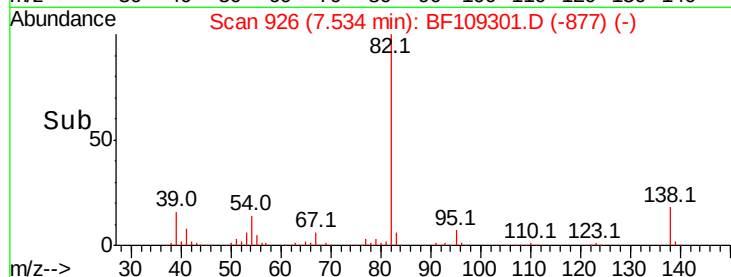
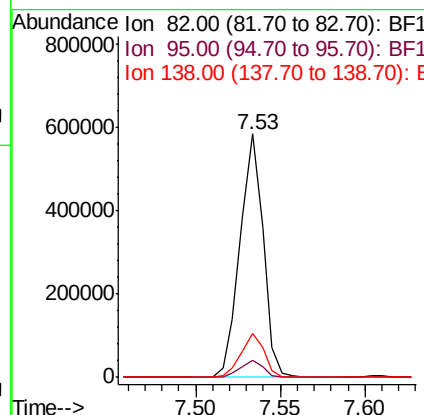
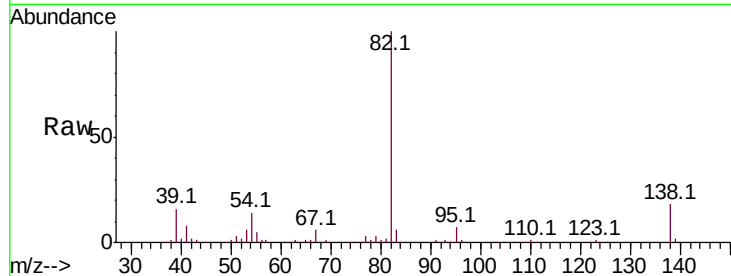
#25
Isophorone
Concen: 40.230 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.2	7.8	
138	17.9	14.9	22.3	

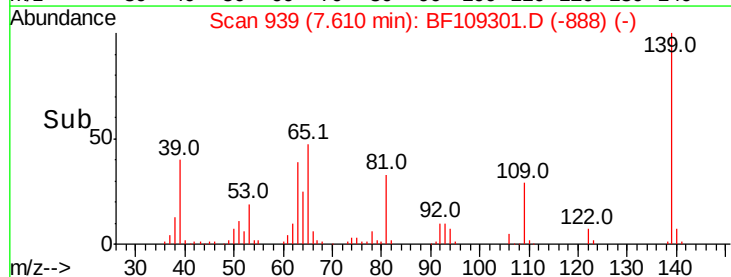
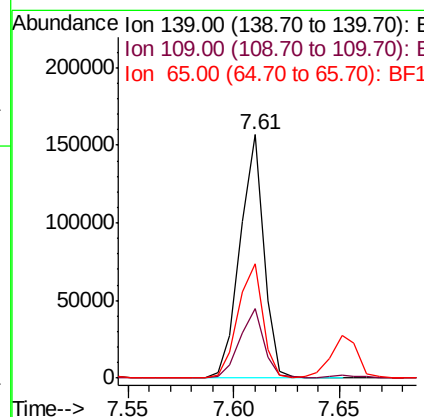
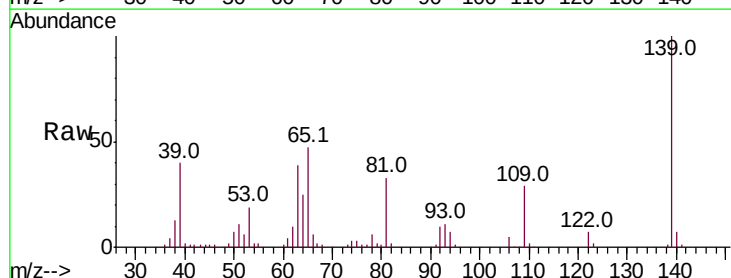
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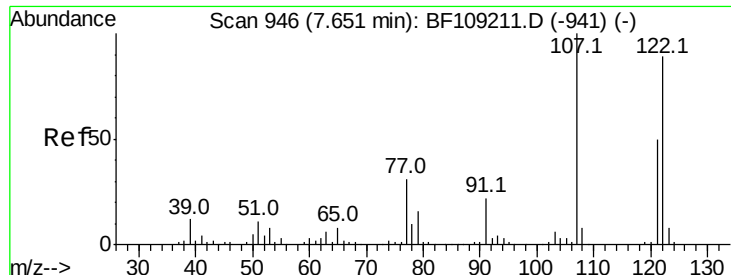
Sohil
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#26
2-Nitrophenol
Concen: 37.437 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.6	22.7	34.1	
65	47.1	40.5	60.7	





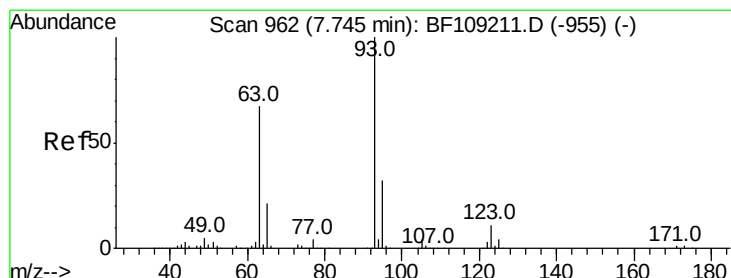
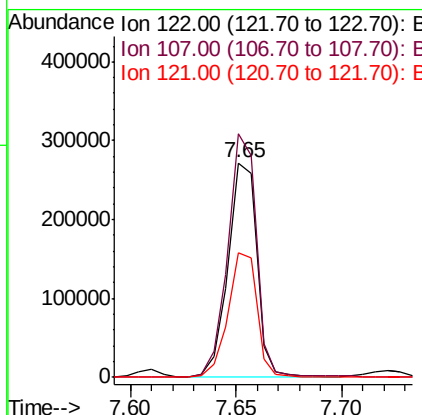
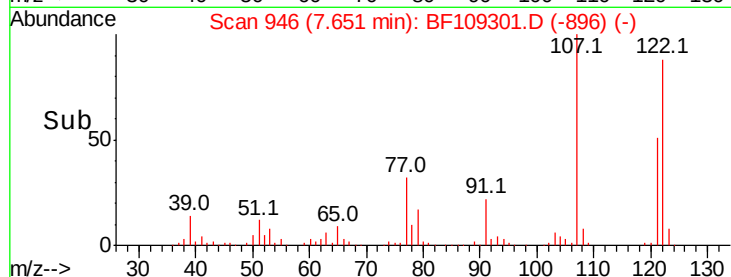
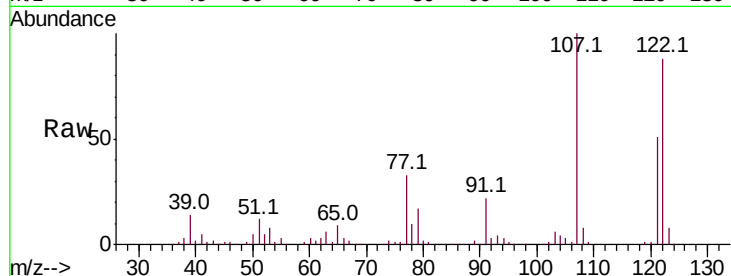
#27
 2,4-Dimethylphenol
 Concen: 42.441 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	257205		
107	113.6	91.2	136.8	
121	58.1	47.2	70.8	

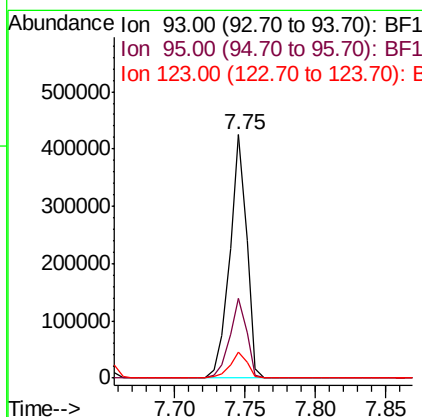
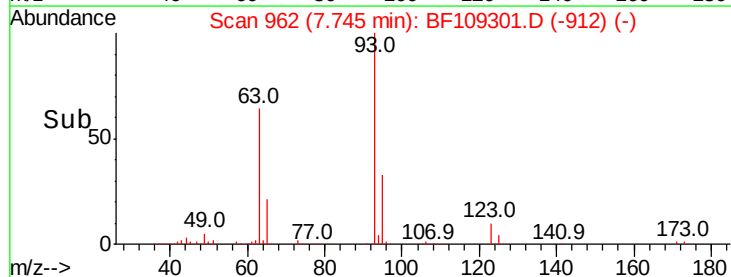
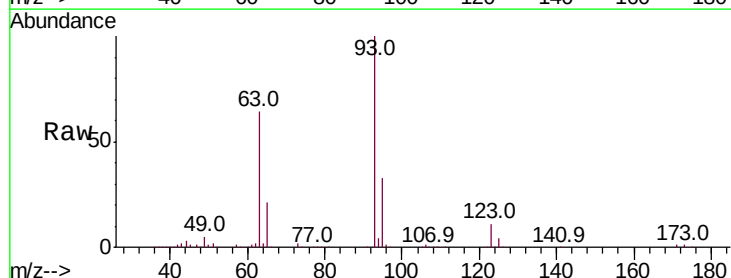
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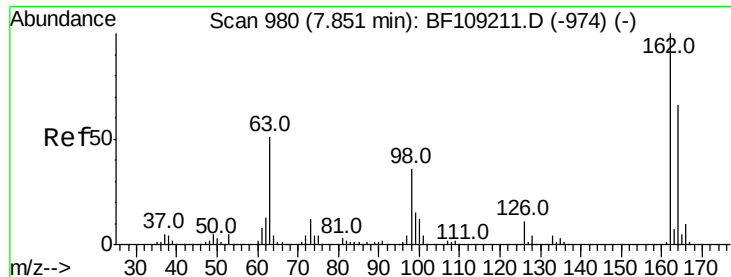
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.487 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	354348		
95	32.9	26.3	39.5	
123	10.5	9.8	14.6	





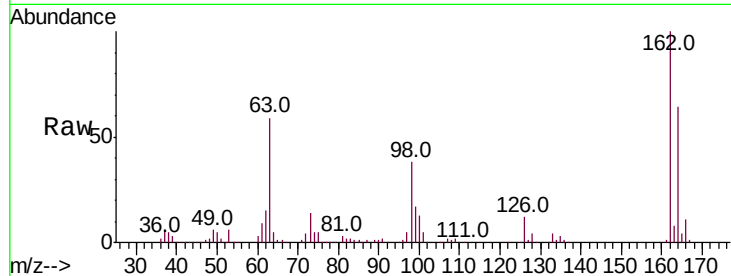
#29
 2,4-Dichlorophenol
 Concen: 37.544 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

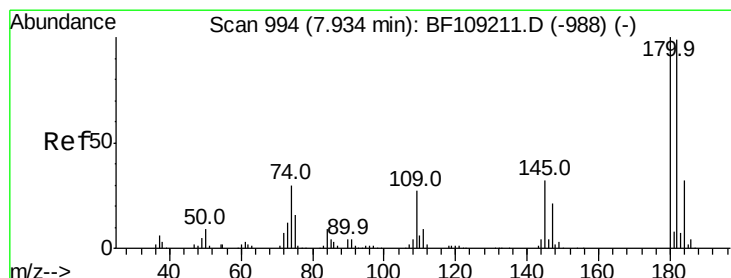
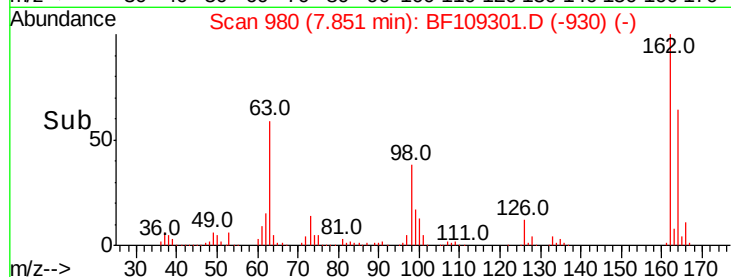
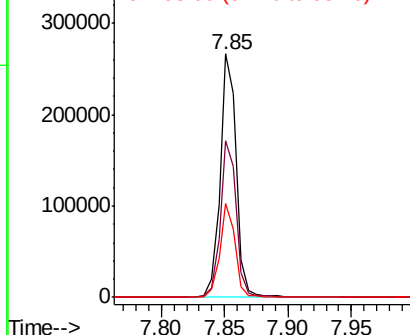
Tot Ion	Ratio	Resp	Lower	Upper
162	100	239059		
164	64.2	42.7	82.7	
98	38.5	18.1	58.1	

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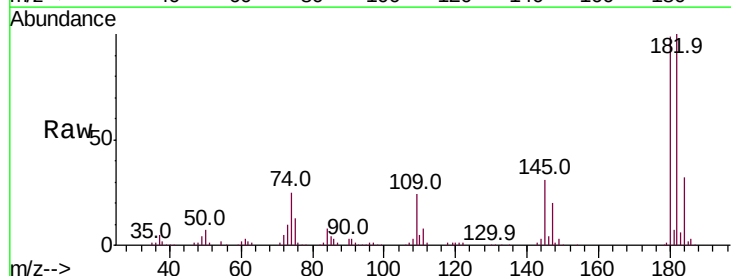


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

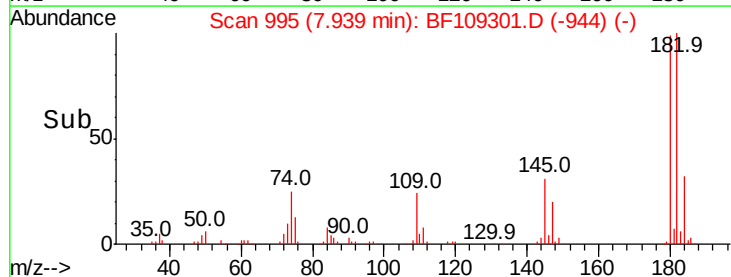
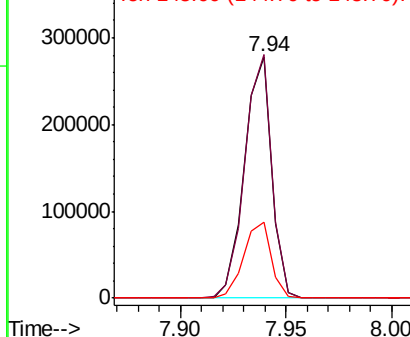


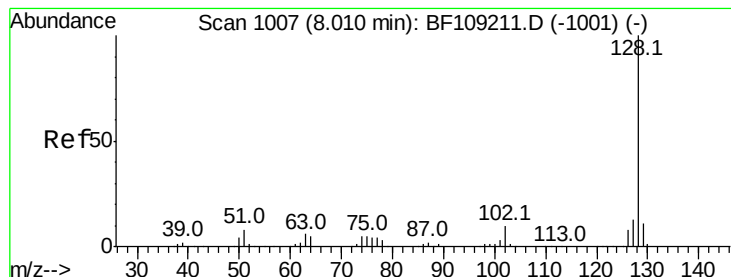
#30
 1,2,4-Trichlorobenzene
 Concen: 35.006 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249067		
182	100.8	76.8	115.2	
145	31.2	26.5	39.7	



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





#31

Naphthalene

Concen: 38.620 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

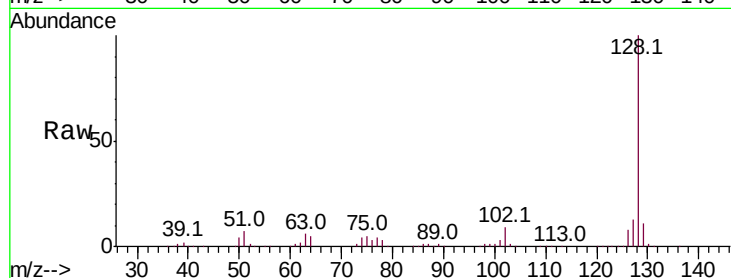
ClientSampleId :

GRID08-COMP-092018MSD

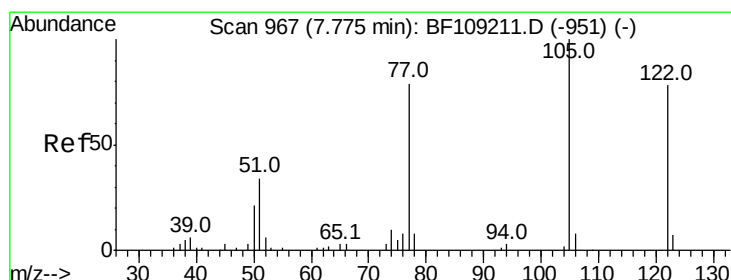
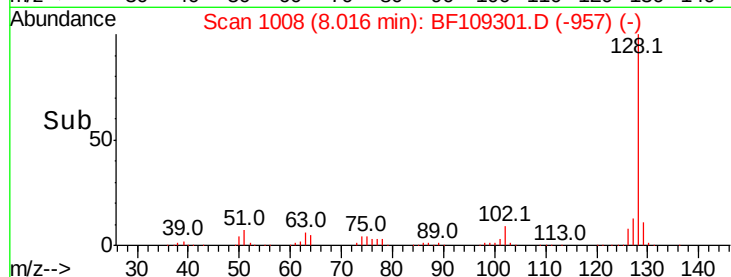
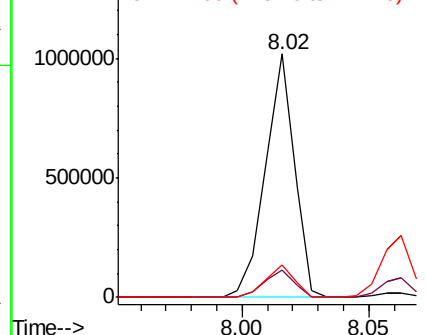
Tot Ion:	128	Resp:	822856
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.675 ng m

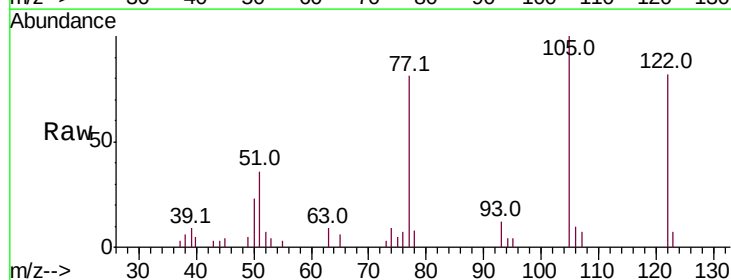
RT: 7.72 min Scan# 958

Delta R.T. -0.10 min

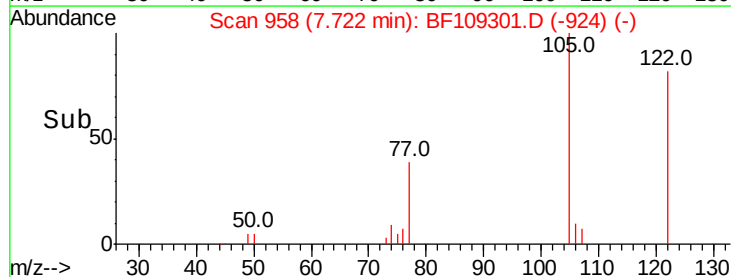
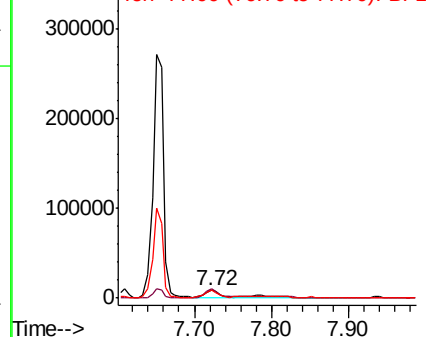
Lab File: BF109301.D

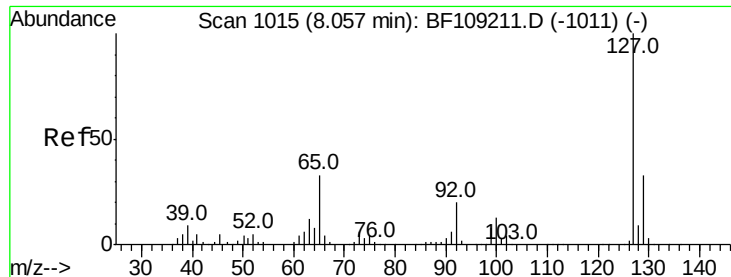
Acq: 25 Sep 2018 22:08

Tgt Ion:	122	Resp:	23404
Ion Ratio	Lower	Upper	
122	100		
105	122.6	101.1	141.1
77	99.0	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





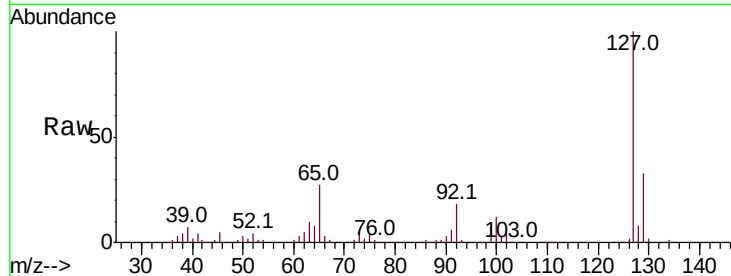
#33
4-Chloroaniline
Concen: 23.997 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	27.0	25.0	37.4	
92	18.3	15.2	22.8	

Manual Integrations
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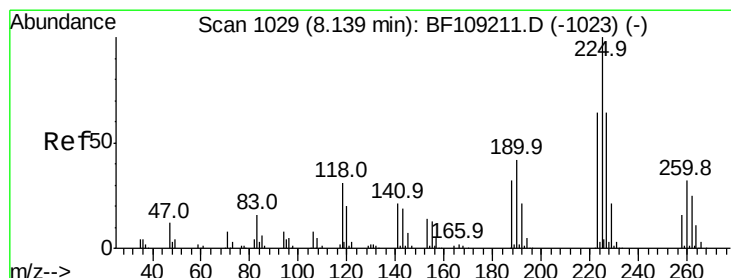
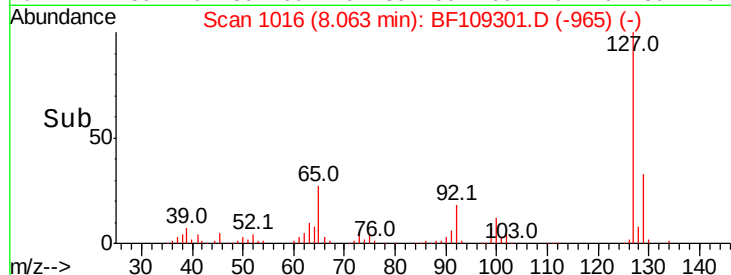
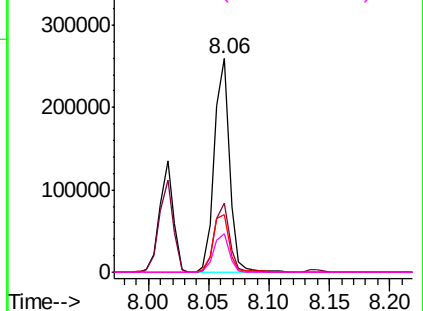
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

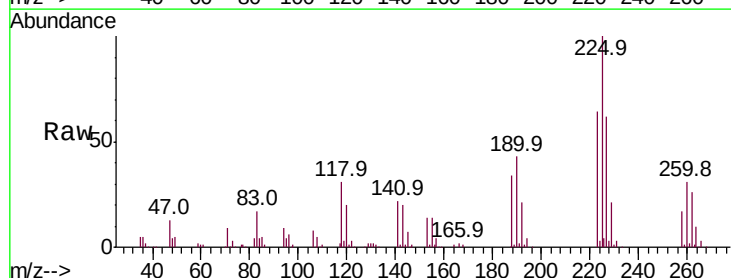
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.049 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	61.7	51.9	77.9	

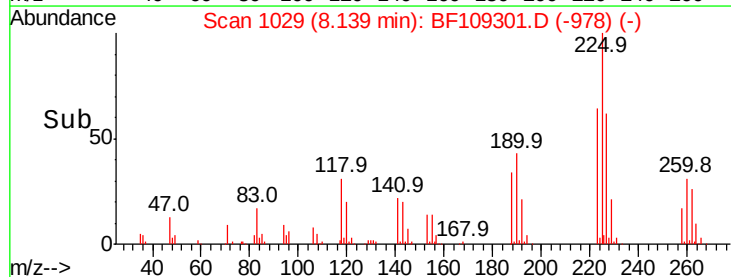
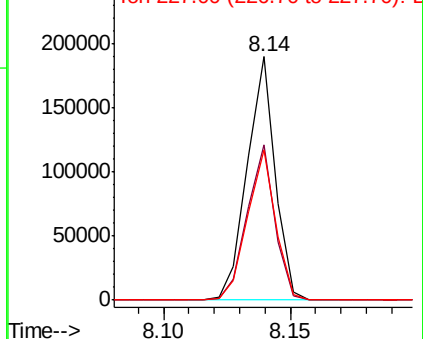


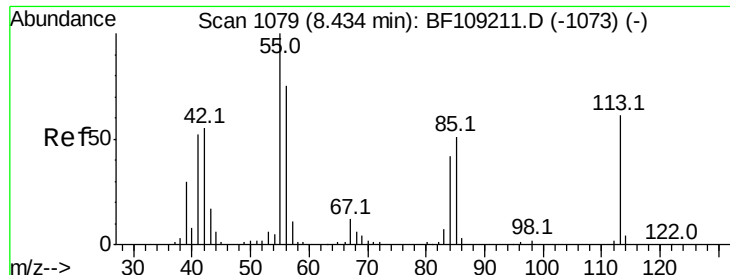
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





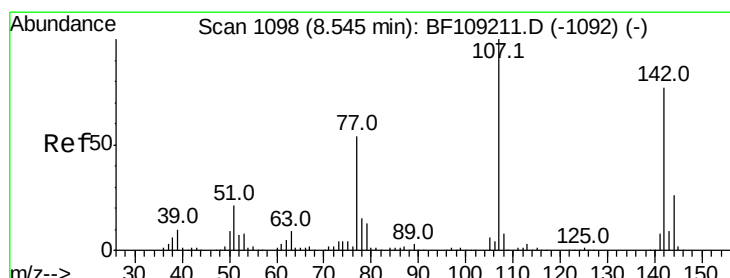
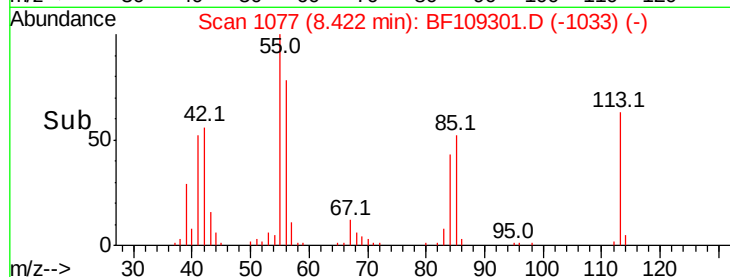
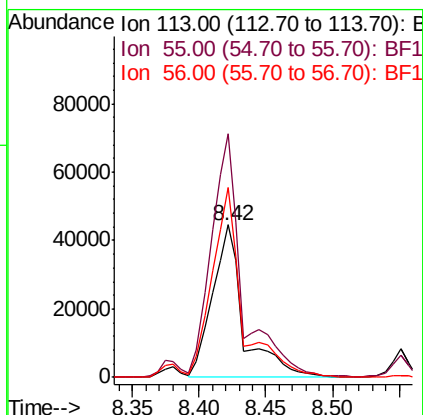
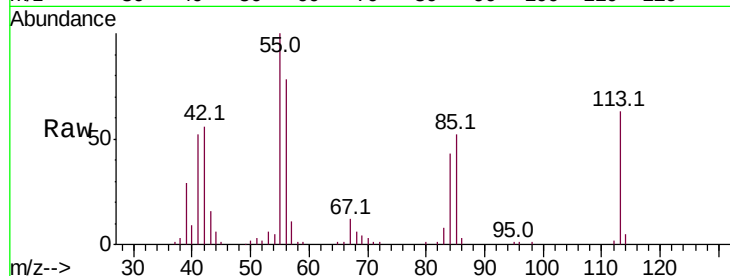
#35
 Caprolactam
 Concen: 35.676 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.0	163.3	203.3#
56	124.7	115.7	155.7

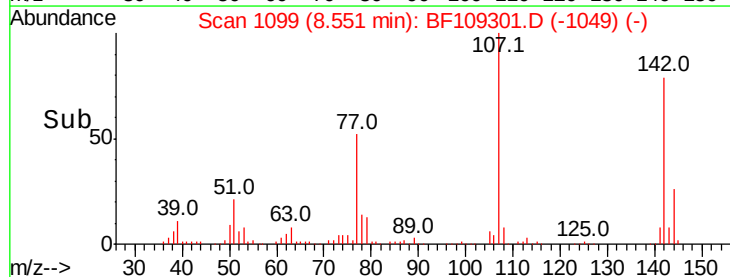
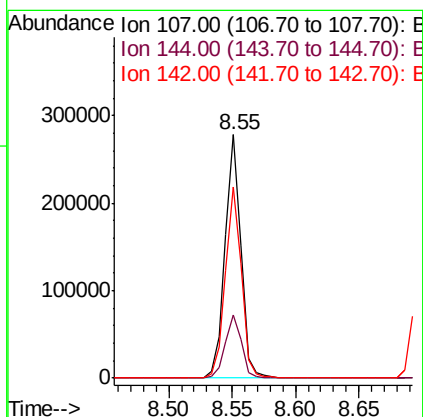
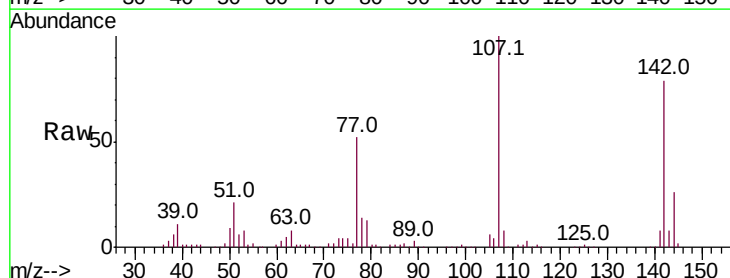
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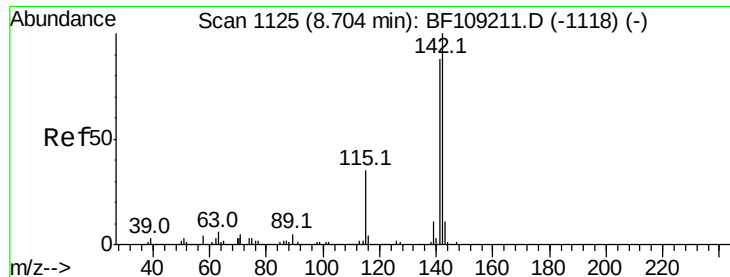
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#36
 4-Chloro-3-methylphenol
 Concen: 36.278 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	78.8	62.0	93.0





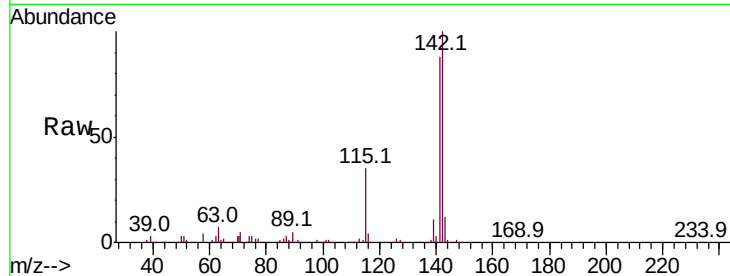
#37
2-Methylnaphthalene
Concen: 39.105 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	537119		
141	88.2		70.8	106.2
115	34.8		26.1	39.1

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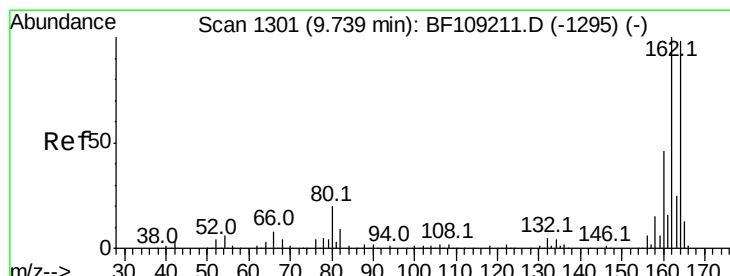
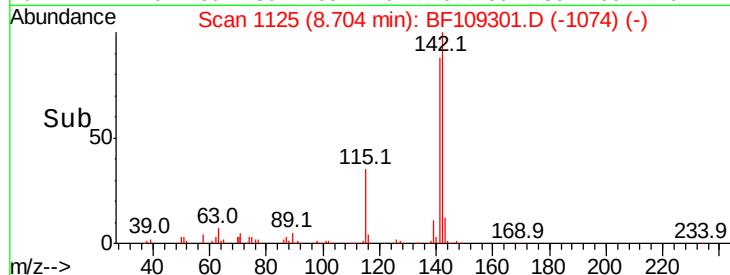
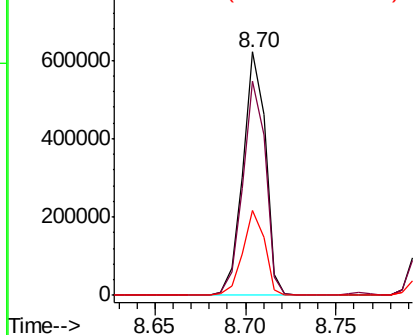


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

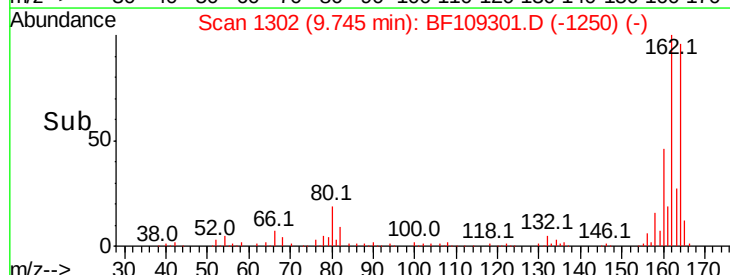
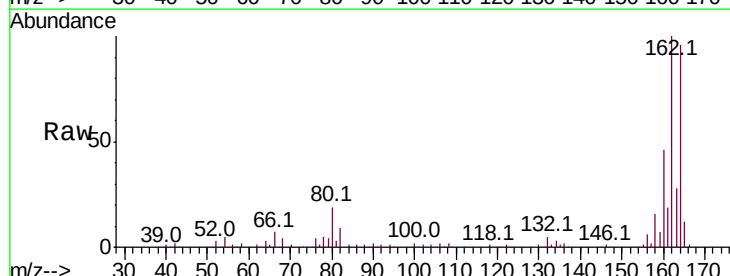
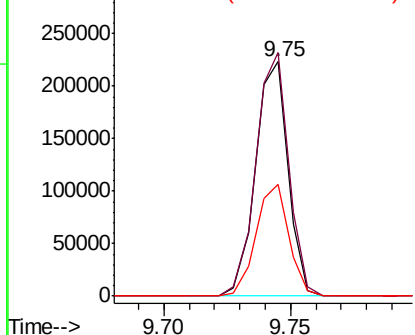
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200515		
162	103.9		86.1	129.1
160	47.8		38.3	57.5

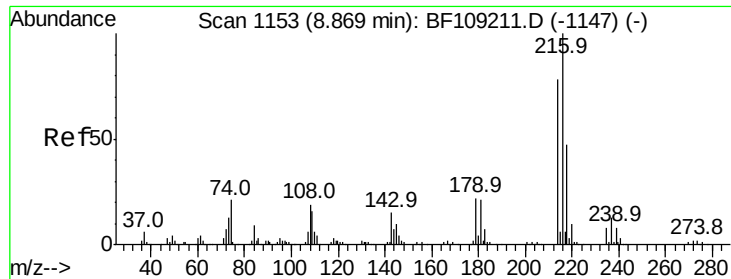
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





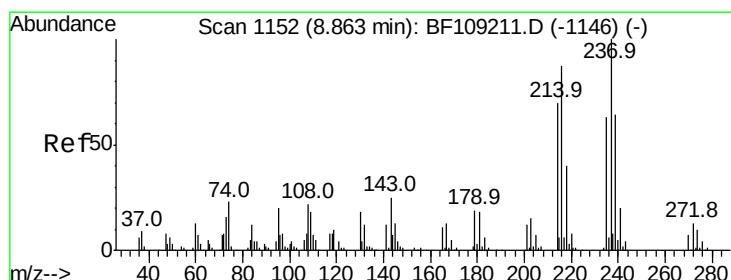
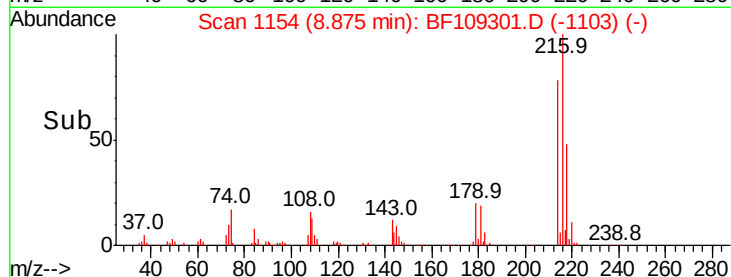
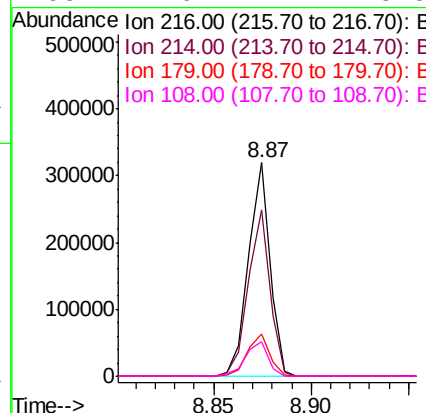
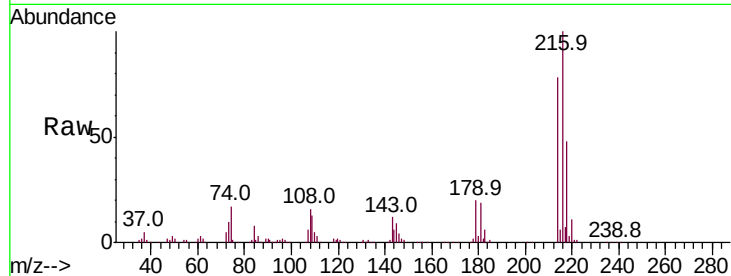
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.619 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.2	18.1	27.1
108	17.6	17.2	25.8

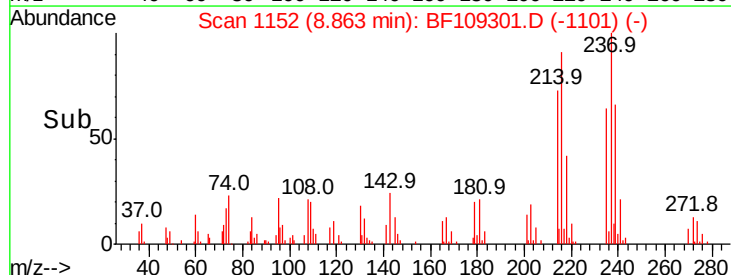
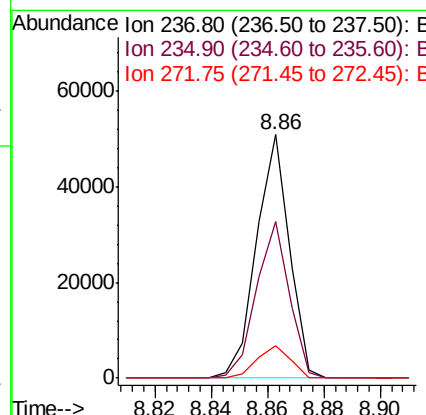
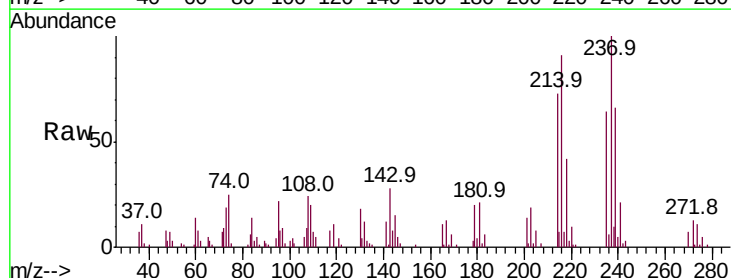
Manual Integrations
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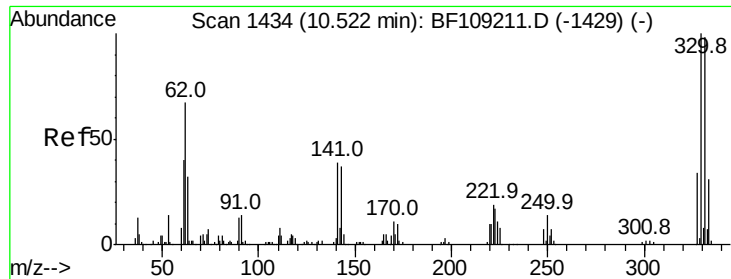
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#40
 Hexachlorocyclopentadiene
 Concen: 14.776 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.4	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 99.398 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

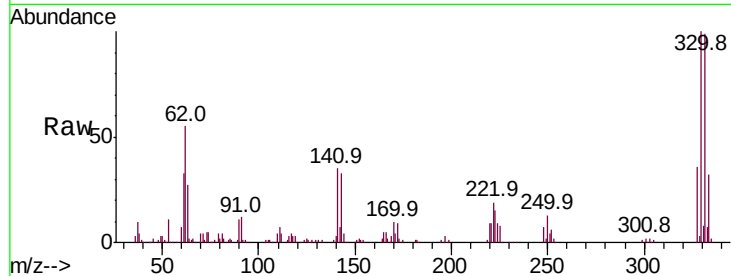
GRID08-COMP-092018MSD

Tot Ion:	330	Resp:	196477
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	32.5	29.9	44.9

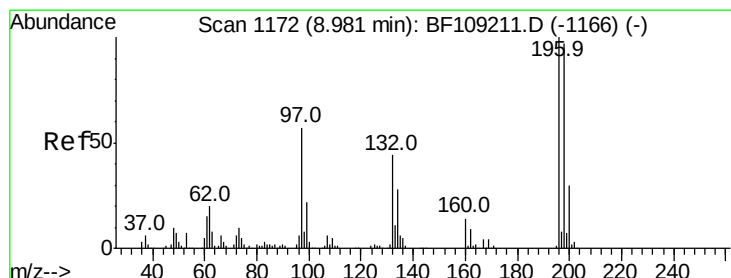
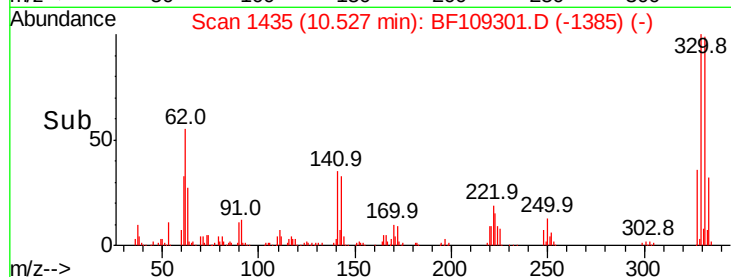
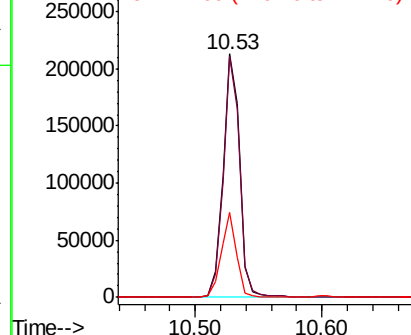
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.215 ng

RT: 8.99 min Scan# 1173

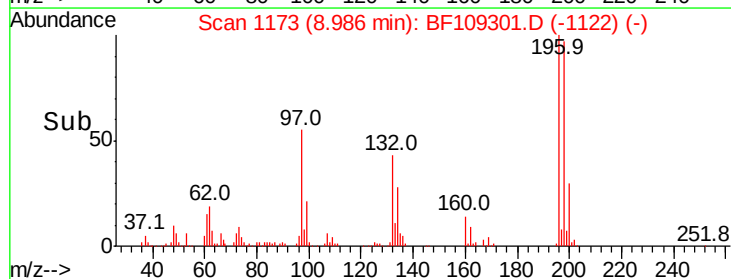
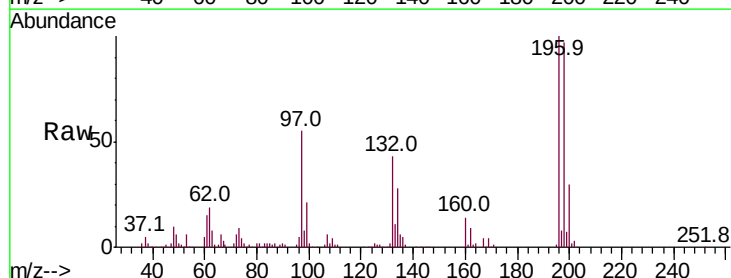
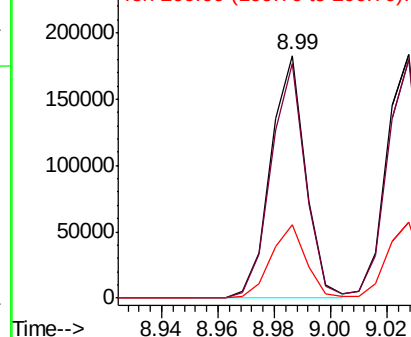
Delta R.T. 0.00 min

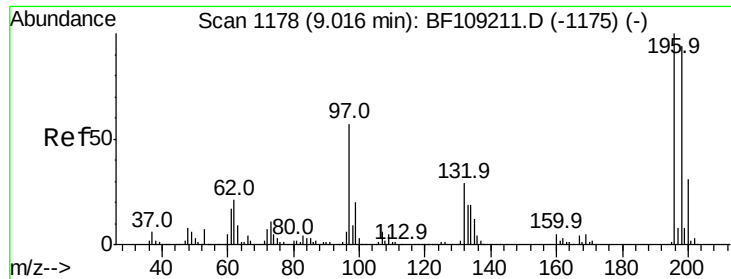
Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	196	Resp:	156515
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
200	30.4	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





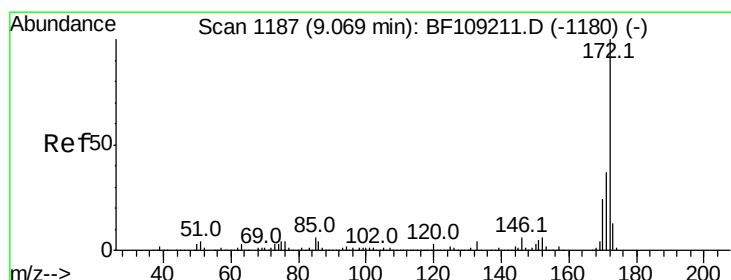
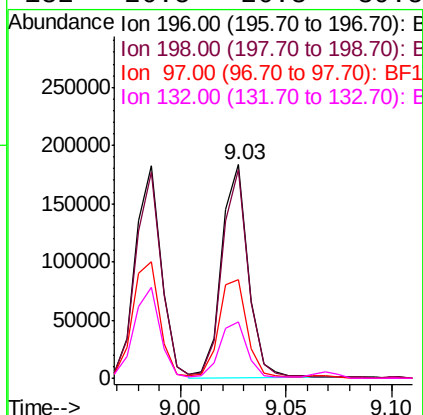
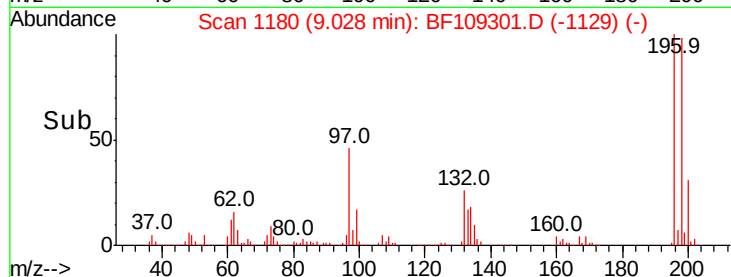
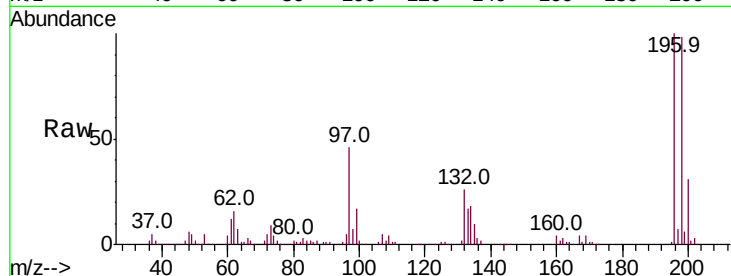
#43
 2,4,5-Trichlorophenol
 Concen: 37.029 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160174		
198	97.9	74.6	112.0	
97	46.4	42.9	64.3	
132	26.5	26.3	39.5	

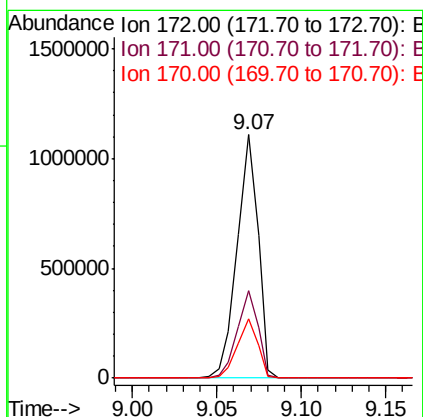
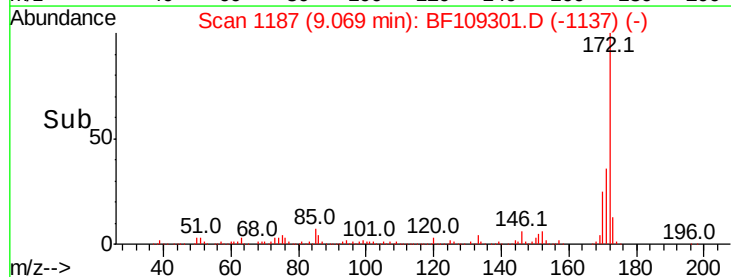
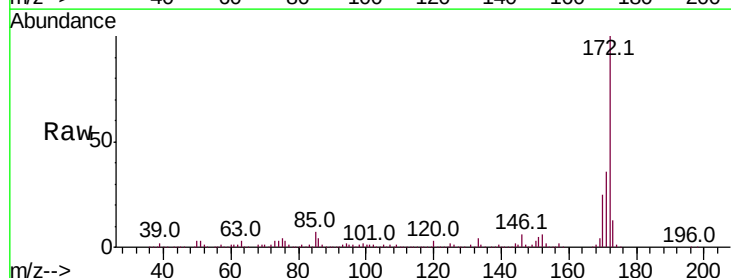
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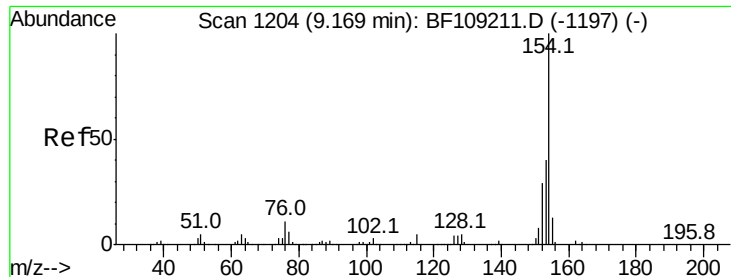
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 72.030 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	957639		
171	36.2	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.062 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

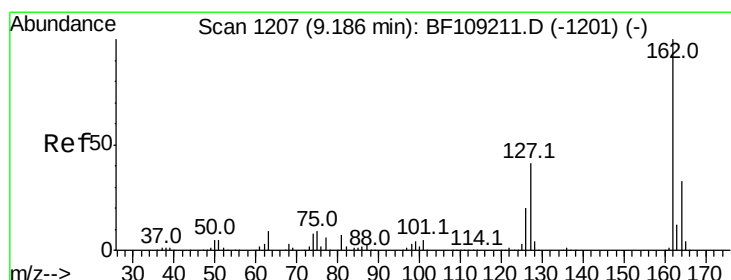
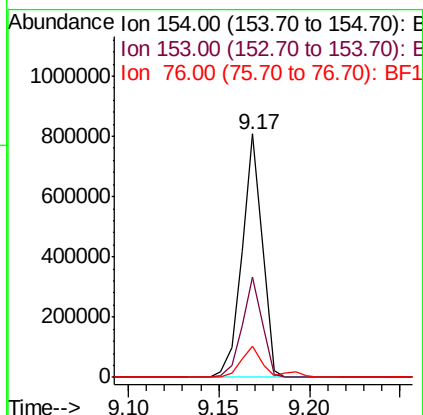
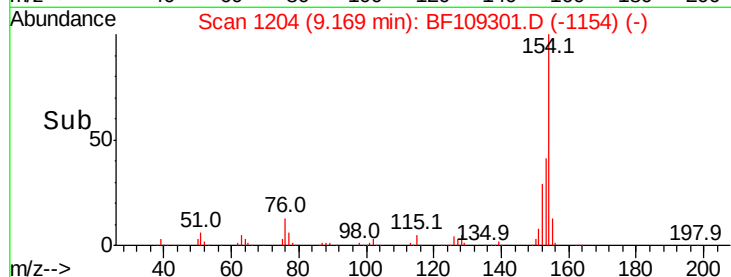
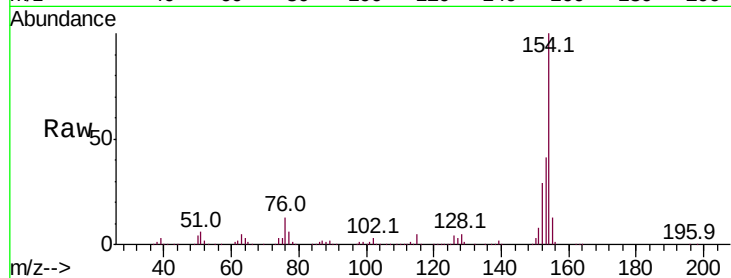
ClientSampleId :

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Tot Ion:	154	Resp:	621832
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	12.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 36.455 ng

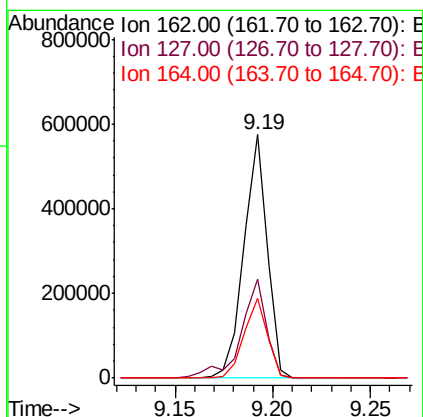
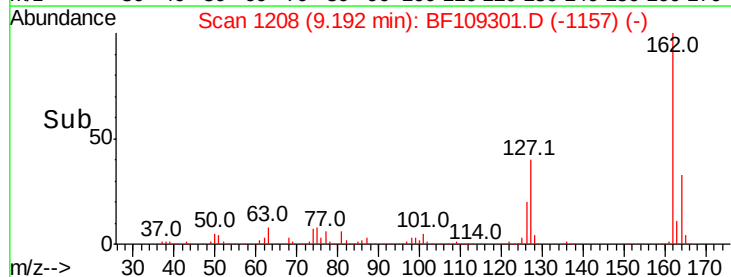
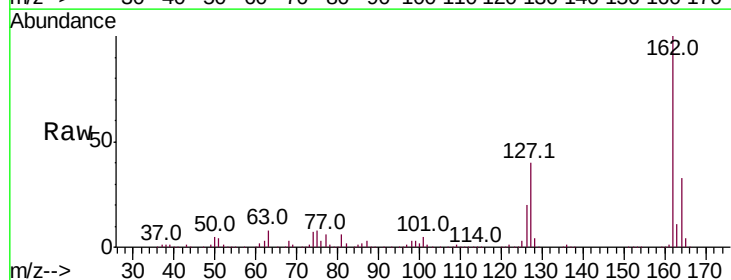
RT: 9.19 min Scan# 1208

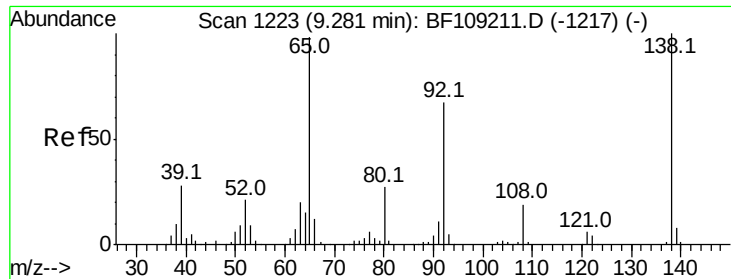
Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	162	Resp:	475790
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	32.9	26.5	39.7





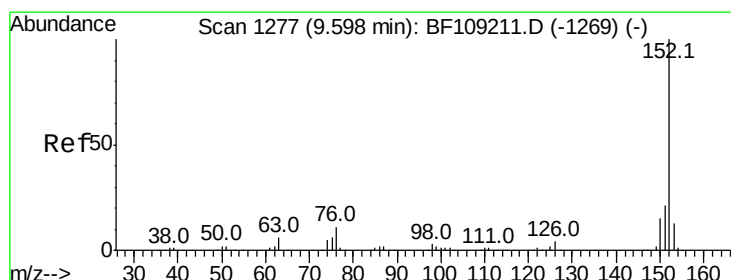
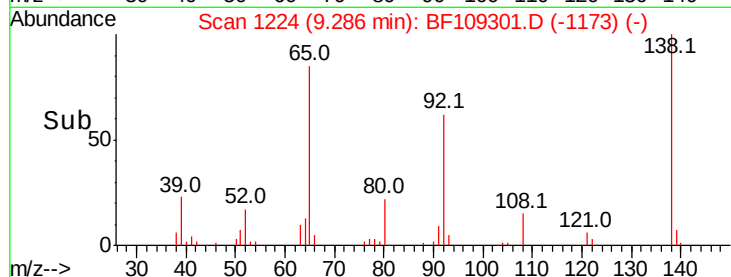
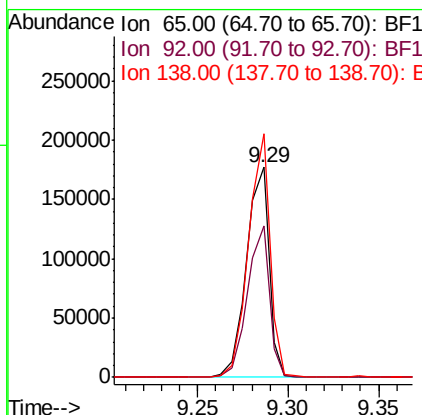
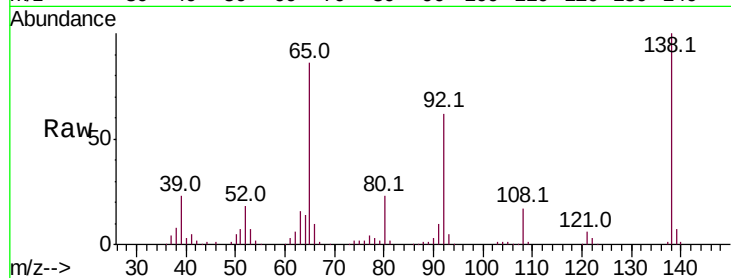
#47
 2-Nitroaniline
 Concen: 41.722 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion:	65	Resp:	154386
Ion Ratio	Lower	Upper	
65	100		
92	72.2	55.8	83.6
138	116.0	91.2	136.8

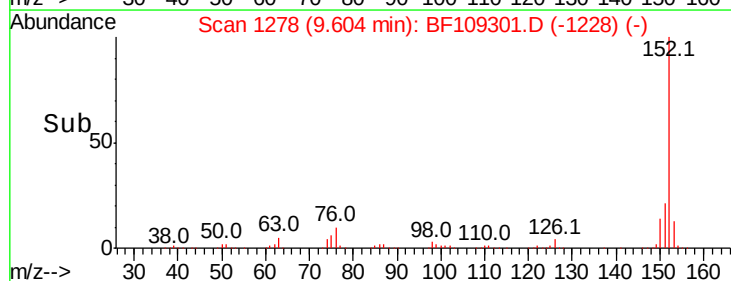
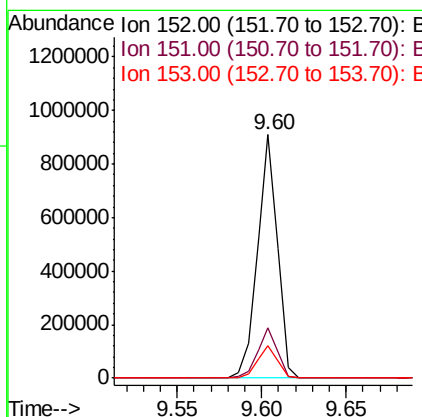
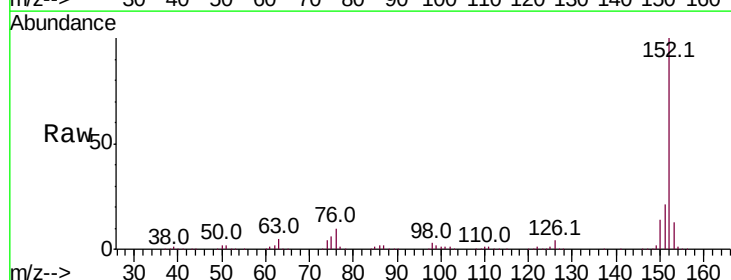
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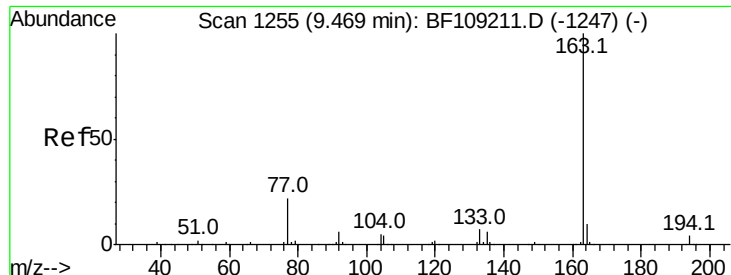
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#48
 Acenaphthylene
 Concen: 38.057 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:	152	Resp:	749310
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





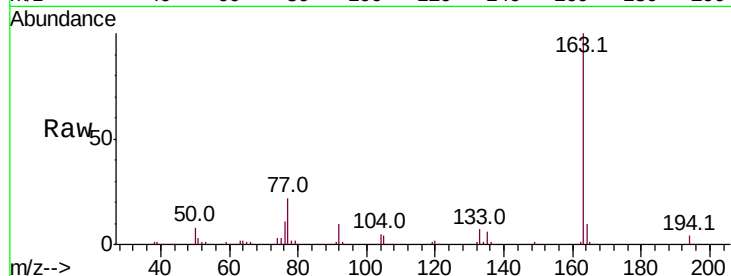
#49
 Dimethylphthalate
 Concen: 59.872 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

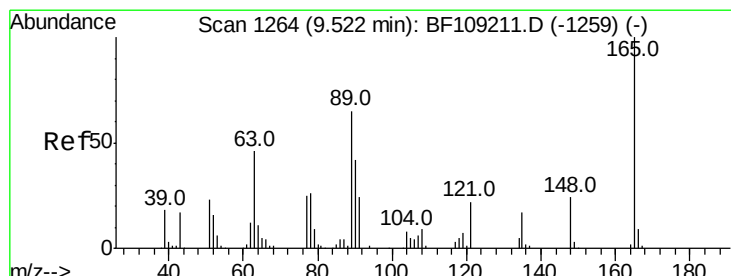
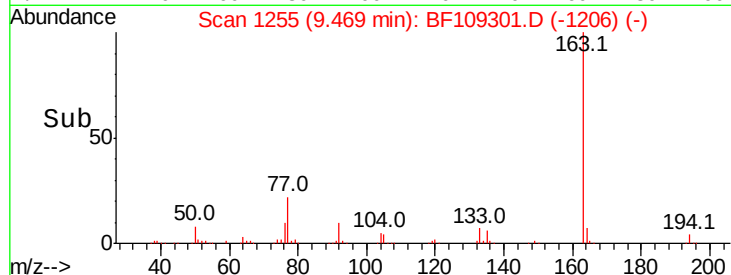
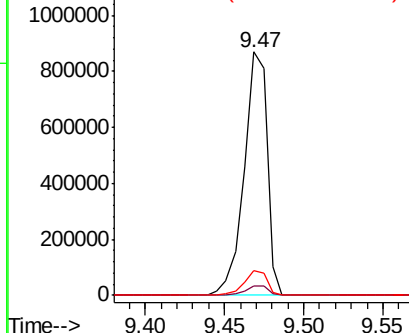
Tot Ion	Ratio	Resp	Lower	Upper
163	100	873187		
194	3.9		2.7	4.1
164	10.4		8.2	12.2

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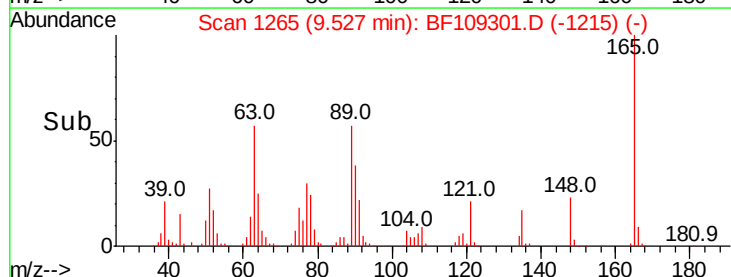
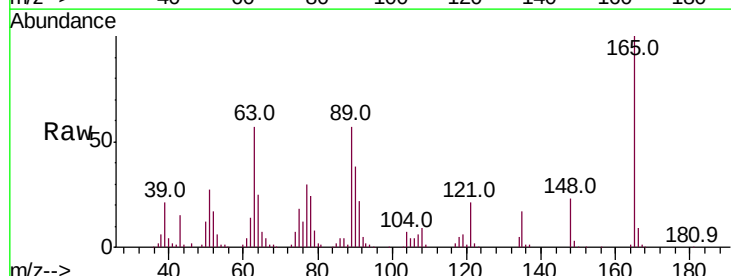
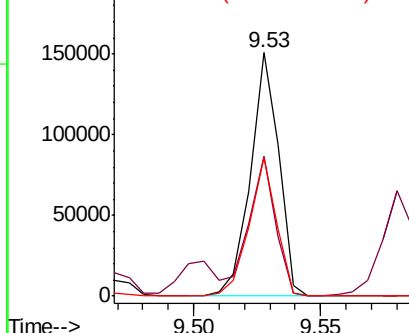
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

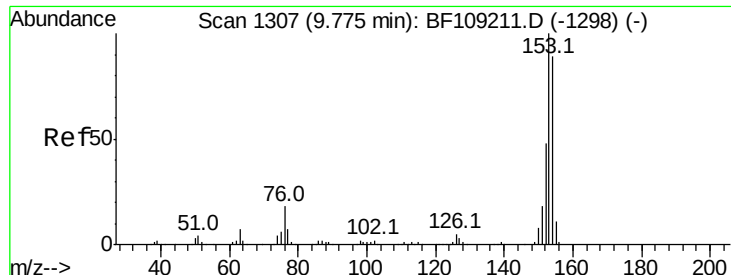


#50
 2,6-Dinitrotoluene
 Concen: 40.678 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	117495		
63	57.2		44.7	67.1
89	57.2		44.0	66.0

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





#51

Acenaphthene

Concen: 35.900 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

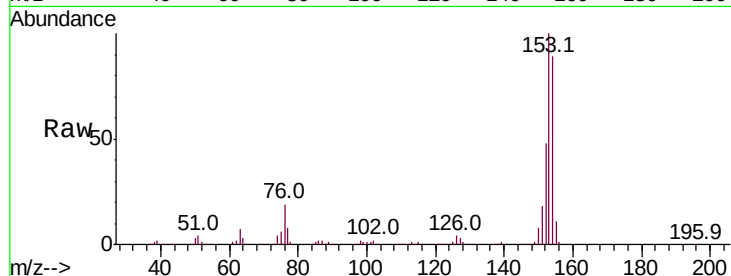
ClientSampleId :

GRID08-COMP-092018MSD

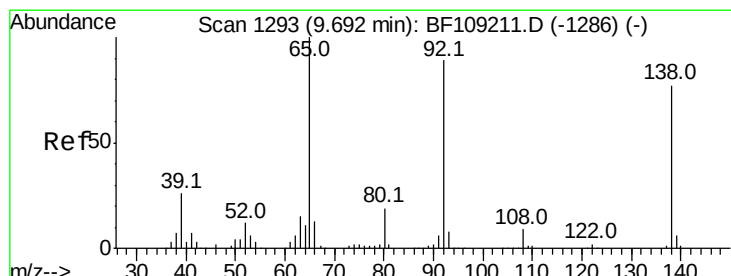
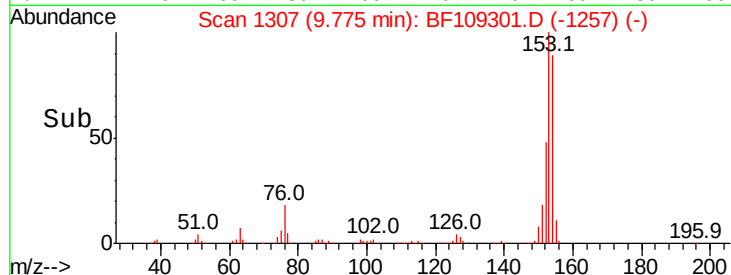
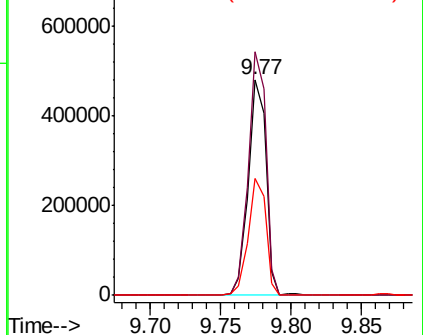
Tot Ion:	154	Resp:	427357
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 37.651 ng

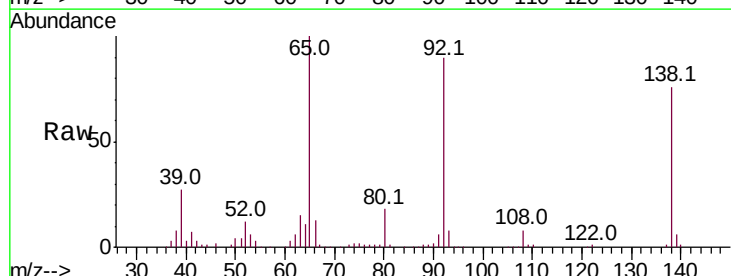
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

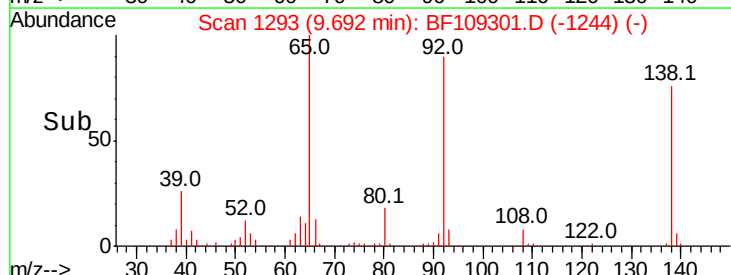
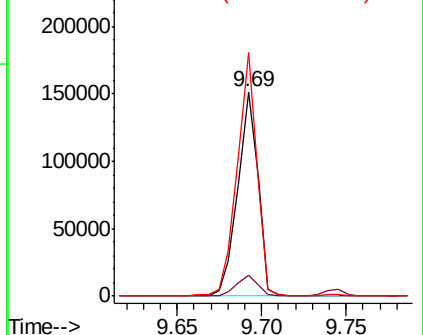
Lab File: BF109301.D

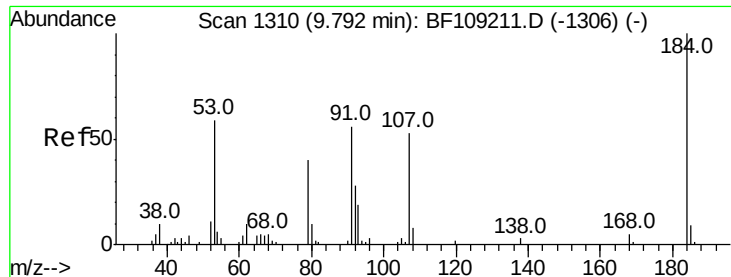
Acq: 25 Sep 2018 22:08

Tgt Ion:	138	Resp:	125942
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	119.3	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





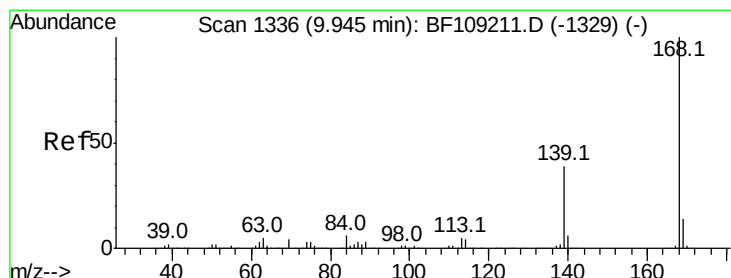
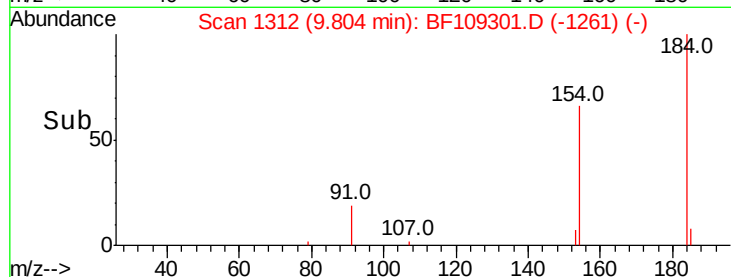
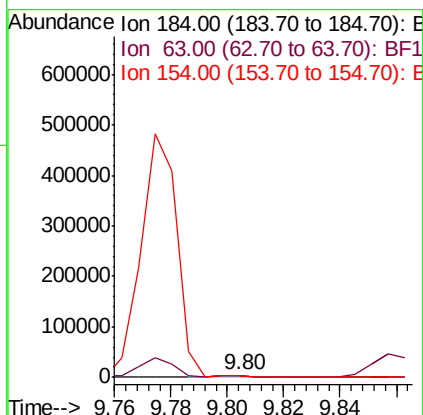
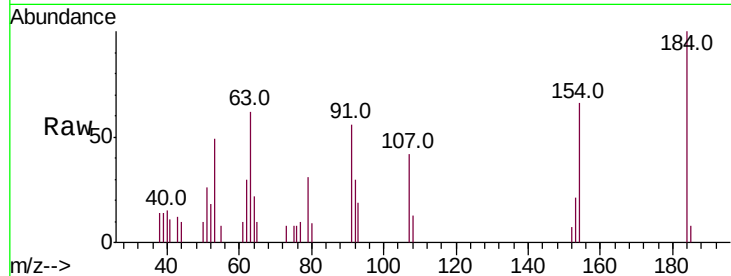
#53
 2,4-Dinitrophenol
 Concen: 11.827 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.3	54.2	81.2
154	65.6	184.0	276.0#

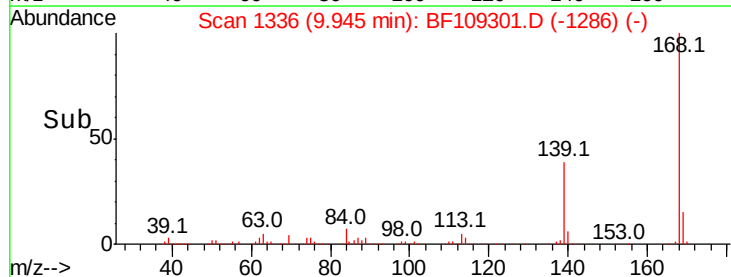
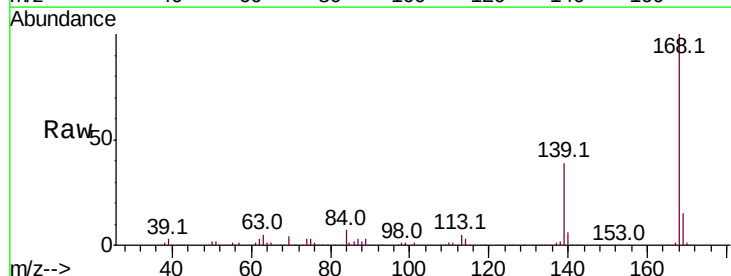
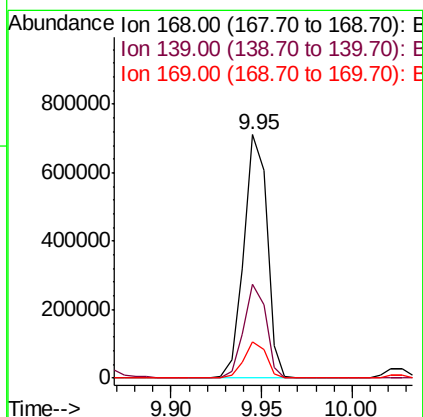
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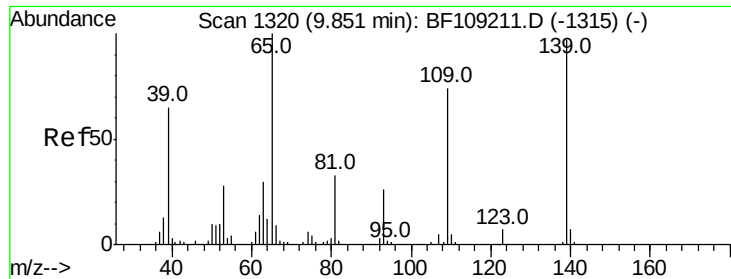
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#54
 Dibenzofuran
 Concen: 35.875 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.7	10.9	16.3





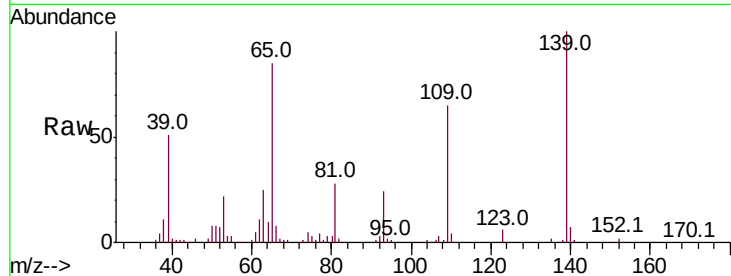
#55
4-Nitrophenol
Concen: 64.902 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	163542		
109	65.5	48.4	88.4	
65	85.1	72.6	112.6	

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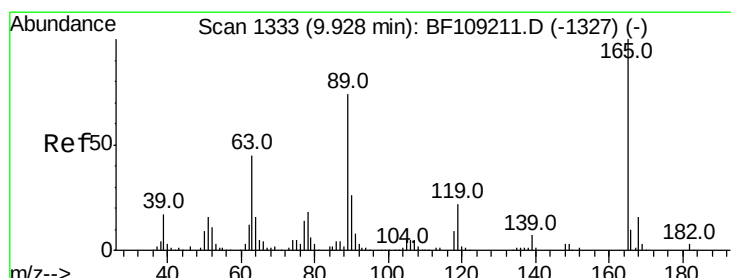
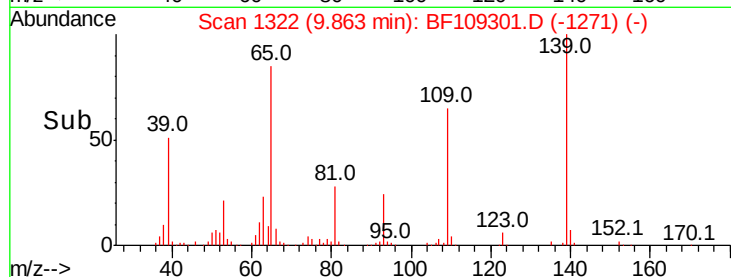
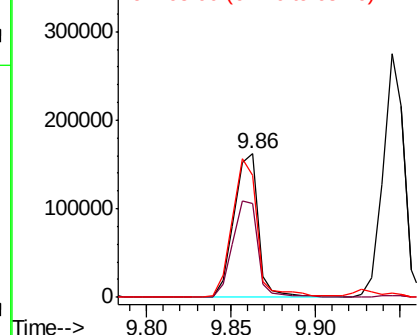


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 38.371 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140235		
63	46.1	36.4	54.6	
89	76.3	57.8	86.6	
182	2.8	1.6	2.4	#

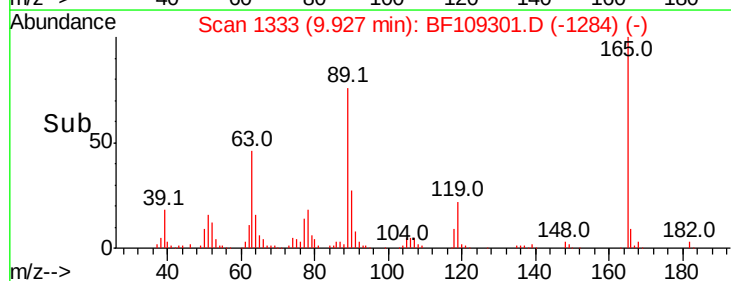
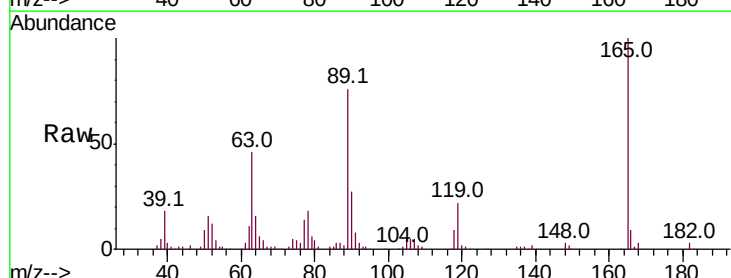
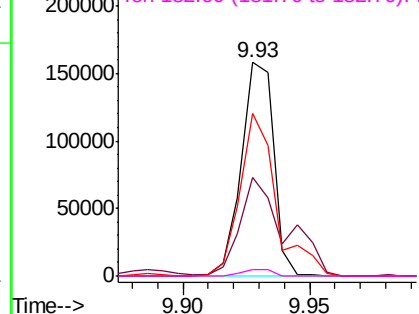
Abundance

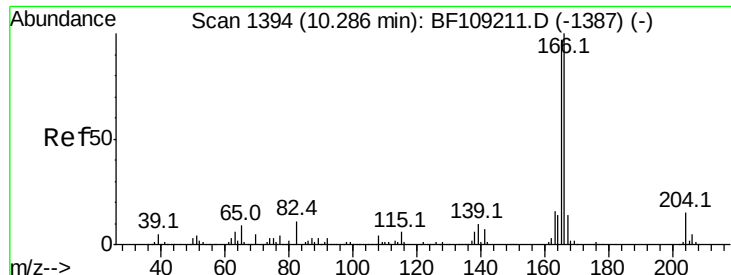
Ion 165.00 (164.70 to 165.70): E

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





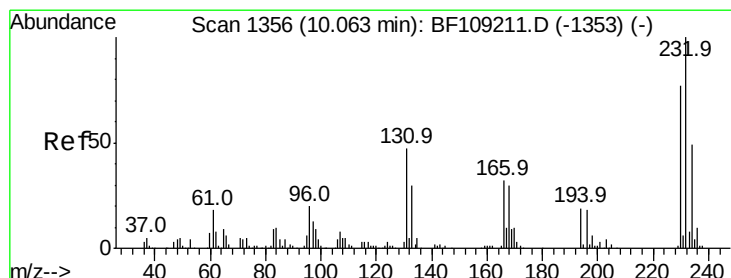
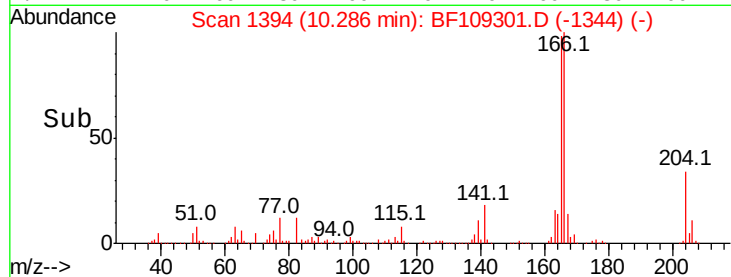
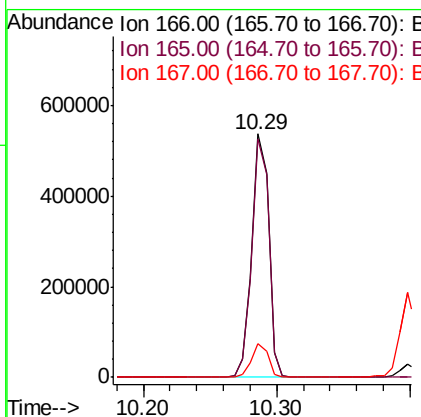
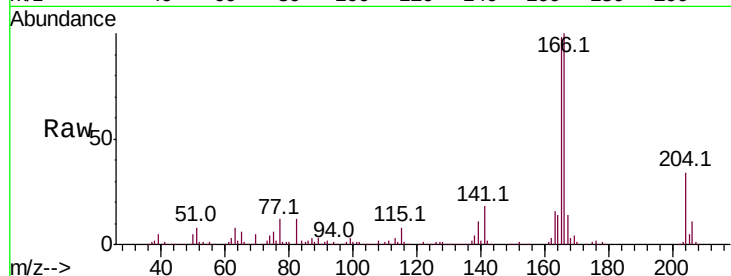
#57
Fluorene
 Concen: 36.660 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	79.8	119.8	
167	13.7	10.6	16.0	

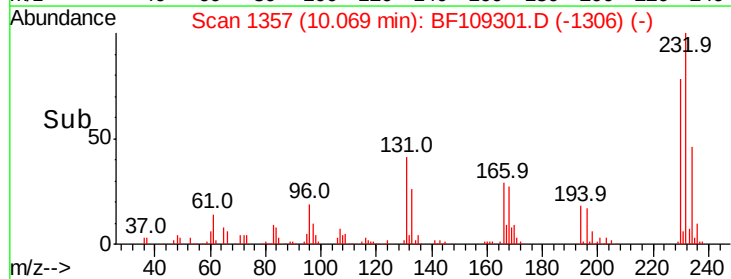
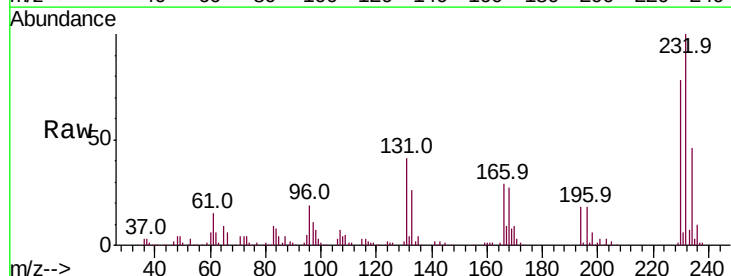
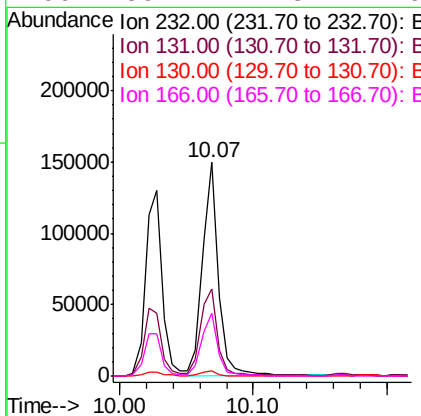
Manual Integrations
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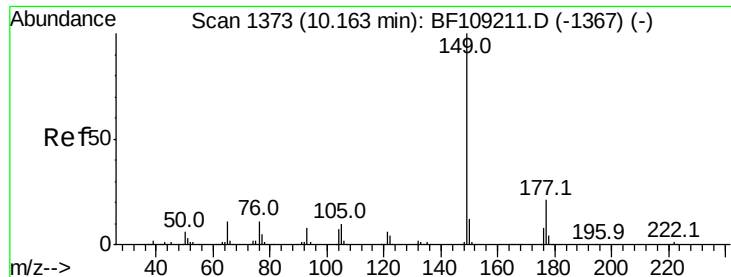
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.703 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.4	43.8	65.8#	
130	2.1	2.1	3.1	
166	30.1	27.8	41.6	





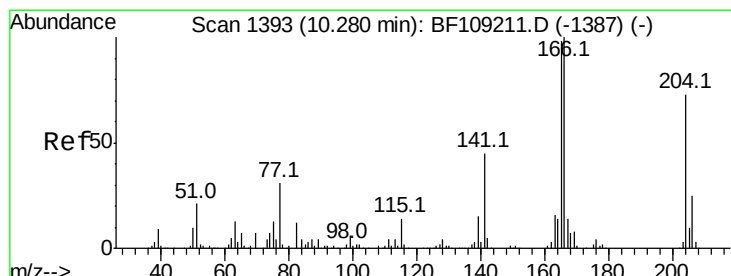
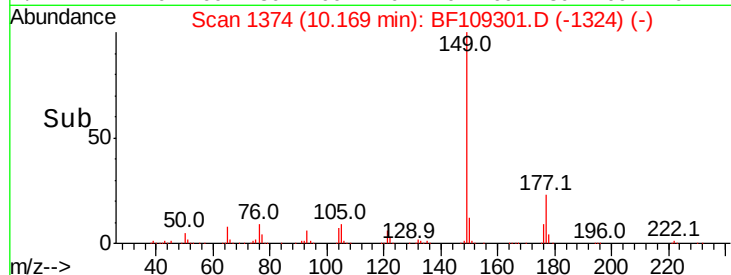
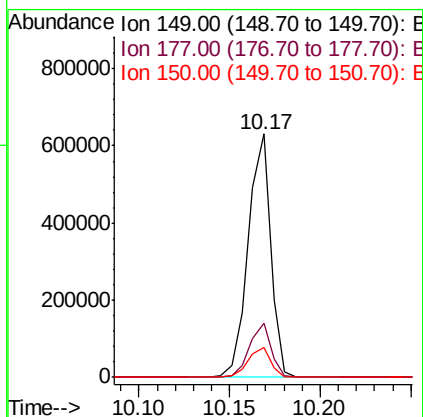
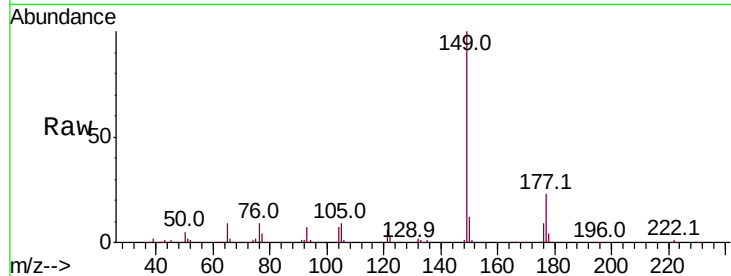
#59
Diethylphthalate
Concen: 36.823 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.5	16.1	24.1	
150	12.0	10.1	15.1	

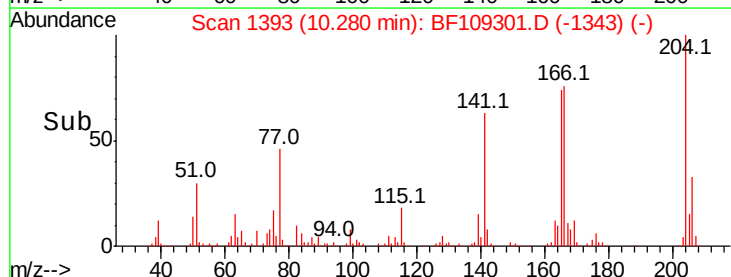
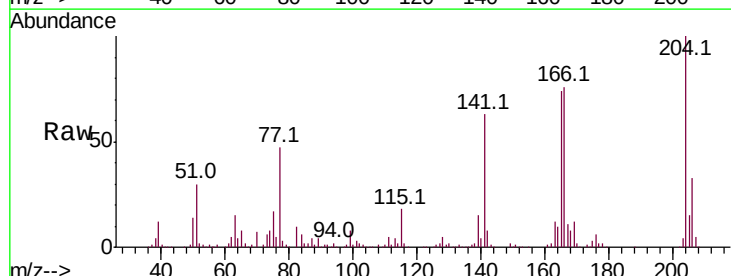
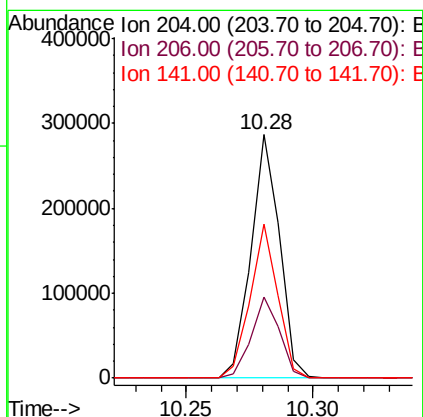
Manual Integrations
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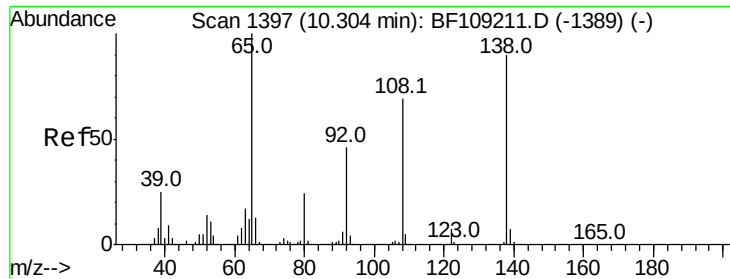
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.958 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.5	39.7	
141	63.1	54.6	81.8	





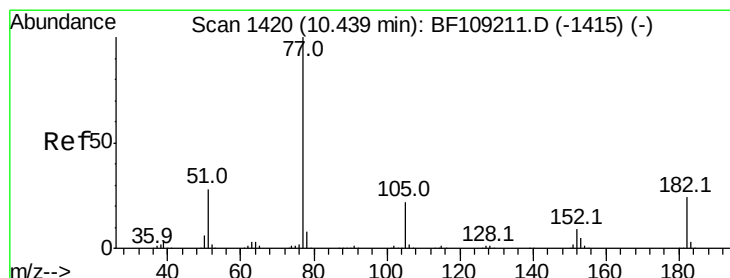
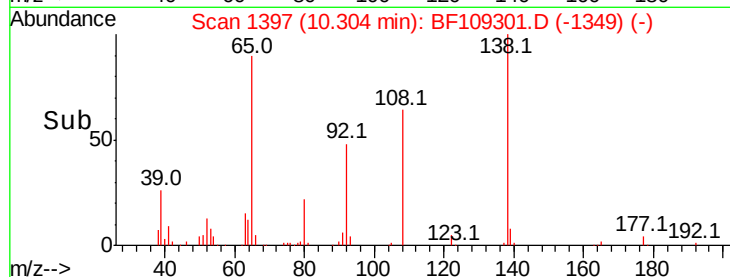
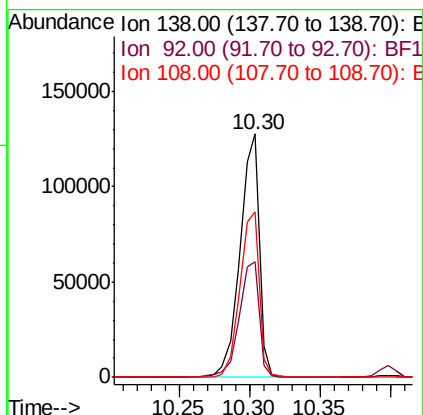
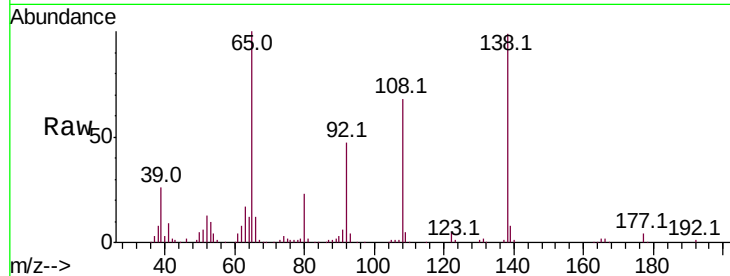
#61
4-Nitroaniline
Concen: 37.198 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	68.1	52.5	92.5

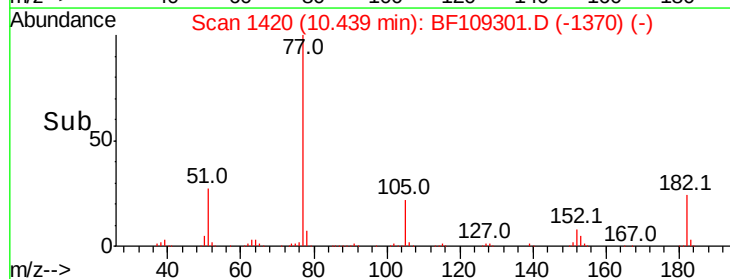
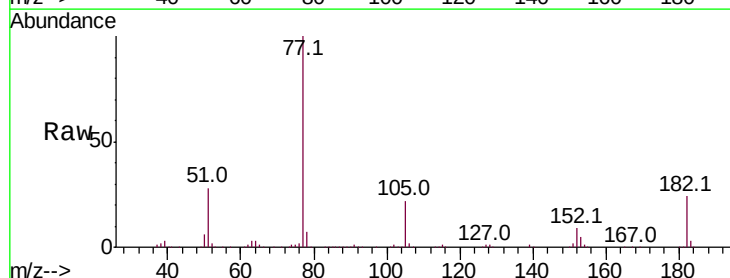
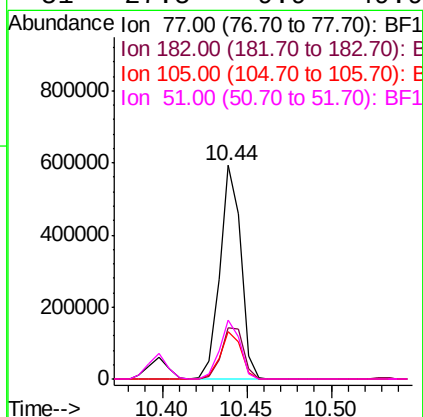
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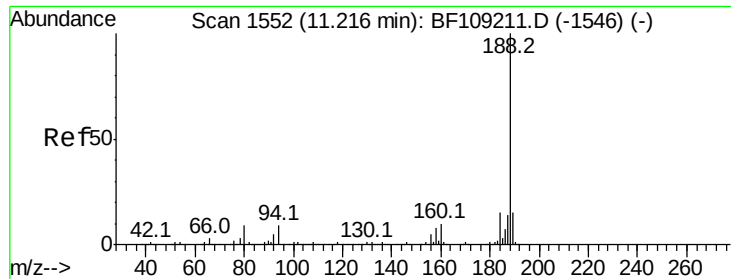
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#62
Azobenzene
Concen: 33.345 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.7	41.7
105	22.0	3.0	43.0
51	27.5	9.9	49.9





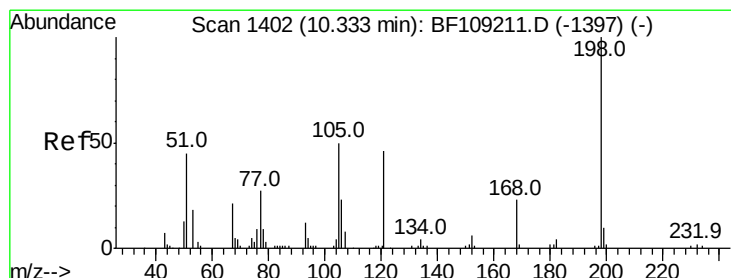
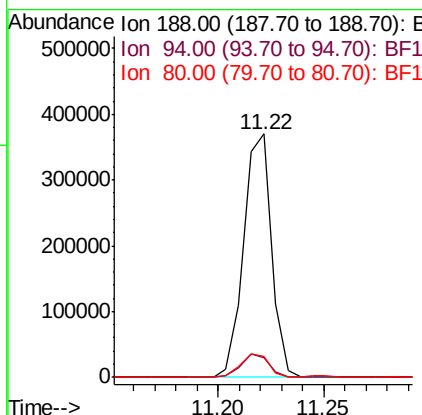
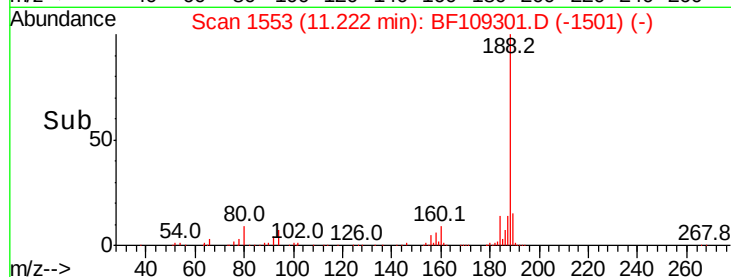
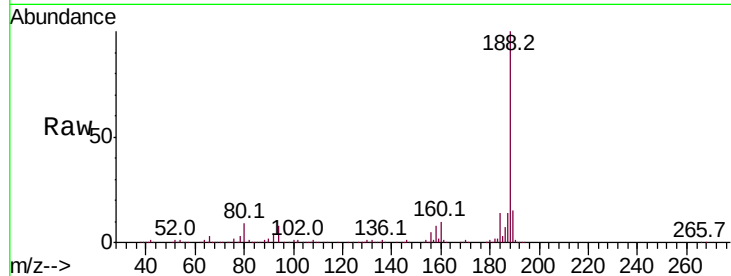
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.7	9.2	13.8#

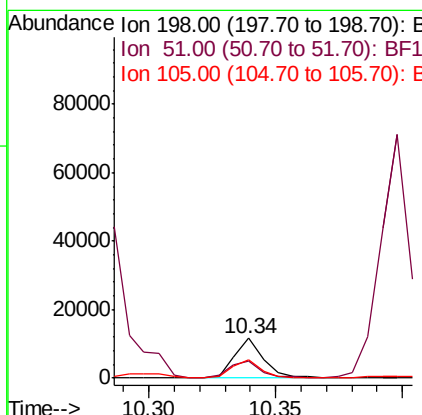
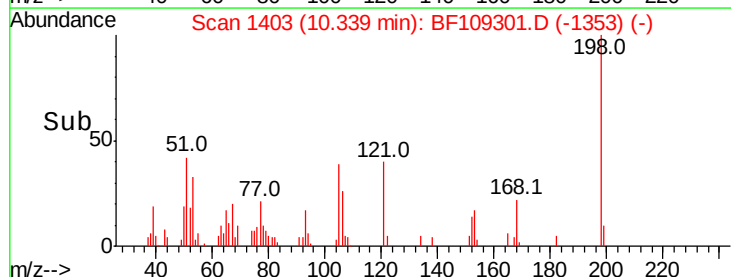
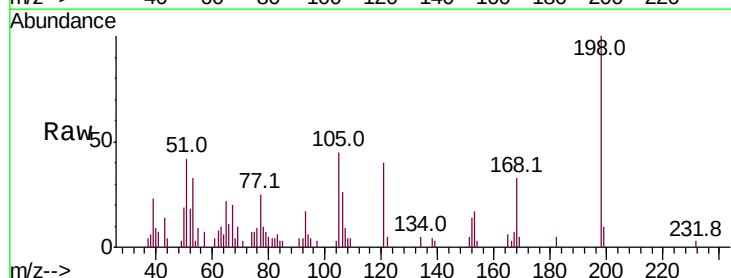
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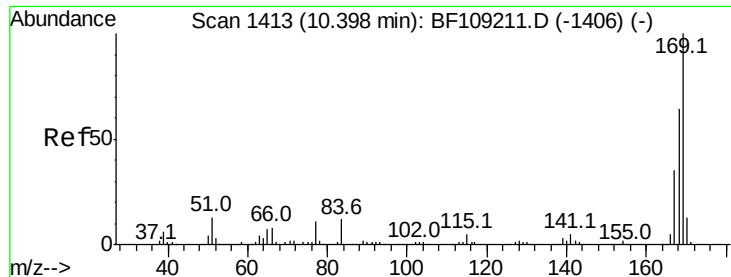
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.356 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.5	37.7	77.7
105	44.6	36.3	76.3





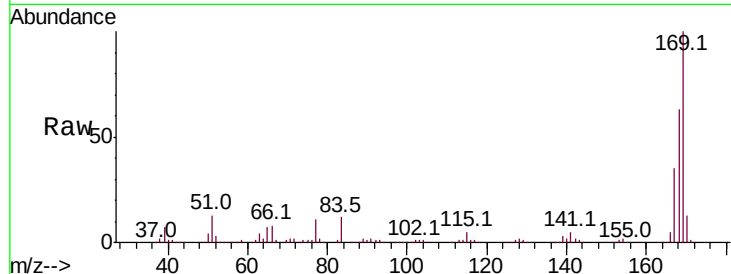
#65
 n-Nitrosodiphenylamine
 Concen: 39.824 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

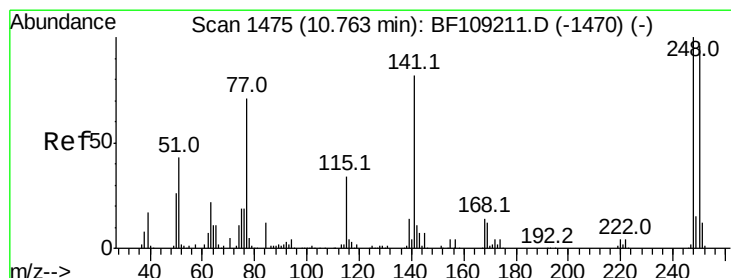
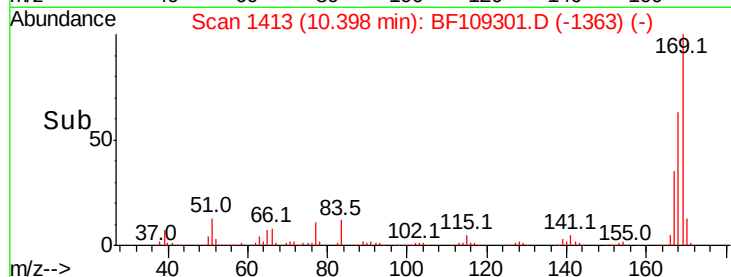
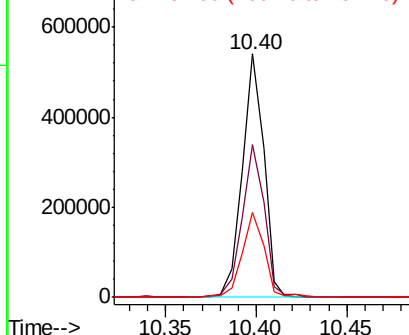
Tot Ion:	169	Resp:	446542
Ion Ratio	Lower	Upper	
169	100		
168	62.8	54.4	81.6
167	34.8	29.8	44.6

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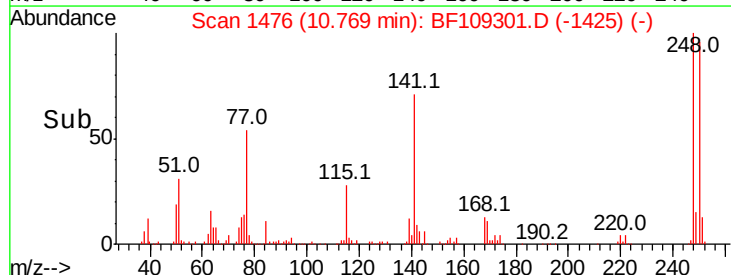
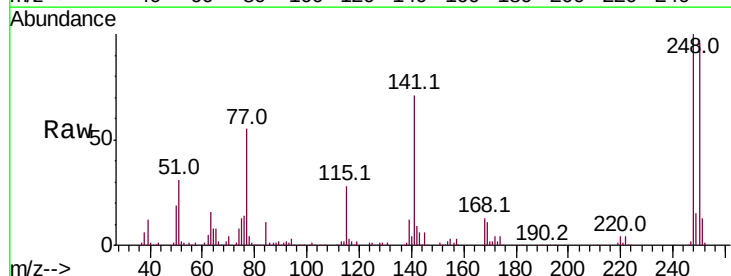
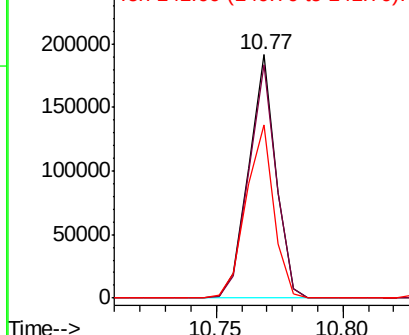
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

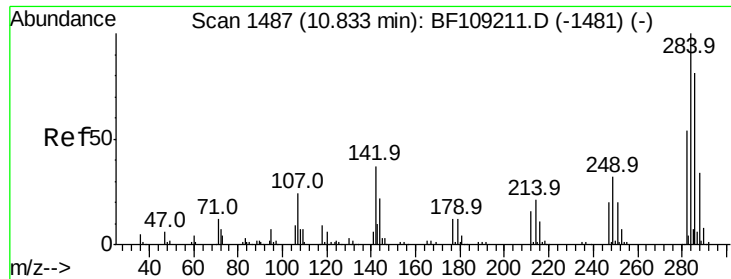


#66
 4-Bromophenyl-phenylether
 Concen: 37.958 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:	248	Resp:	143050
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.9	115.3
141	71.4	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.906 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

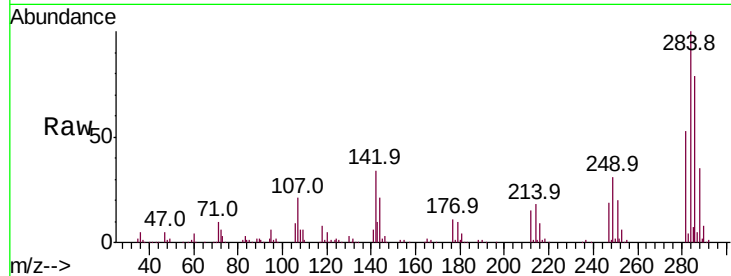
GRID08-COMP-092018MSD

Tot Ion:	284	Resp:	147715
Ion Ratio	Lower	Upper	
284	100		
142	34.0	34.6	52.0#
249	31.3	24.8	37.2

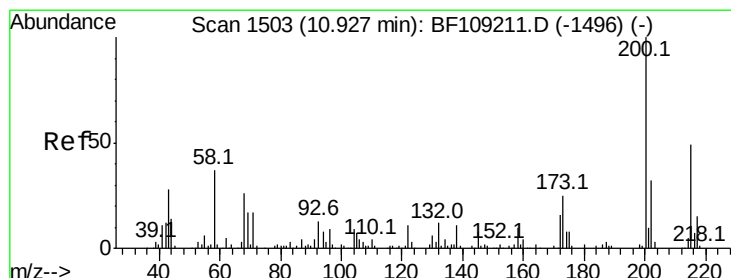
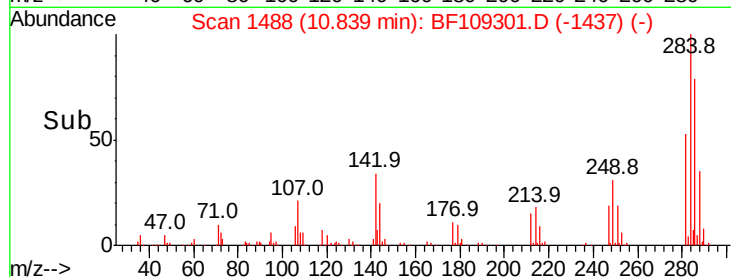
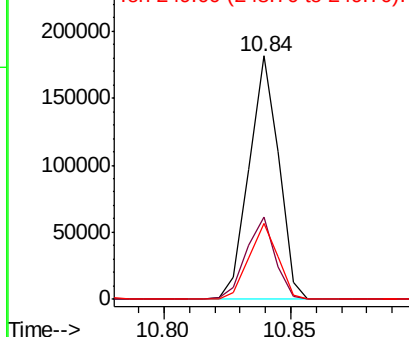
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.237 ng

RT: 10.93 min Scan# 1503

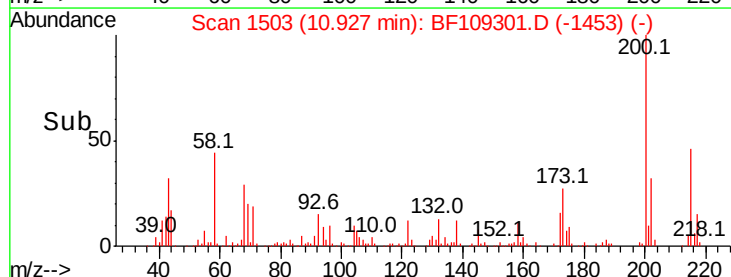
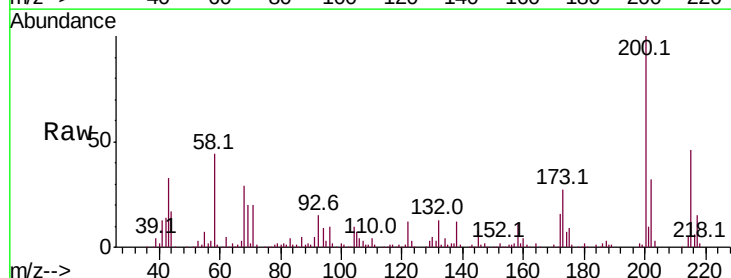
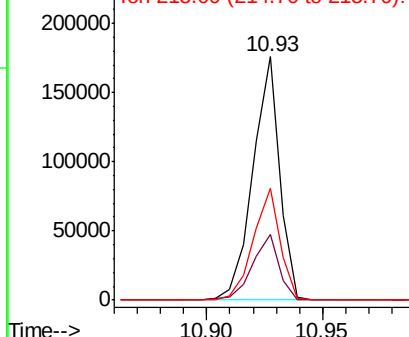
Delta R.T. -0.01 min

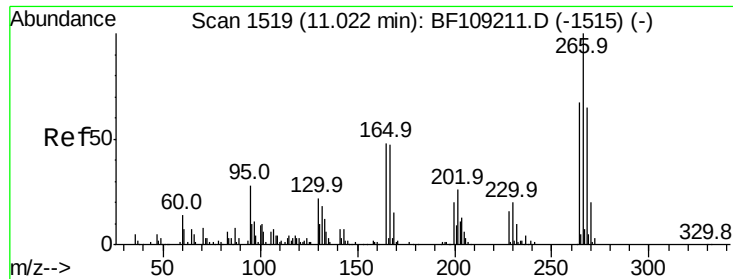
Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	200	Resp:	142207
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.6	48.6
215	45.7	25.1	65.1

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





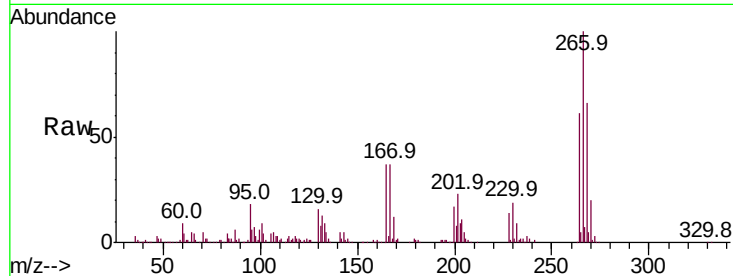
#69
 Pentachlorophenol
 Concen: 55.405 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132725		
268	65.6		51.1	76.7
264	61.0		49.5	74.3

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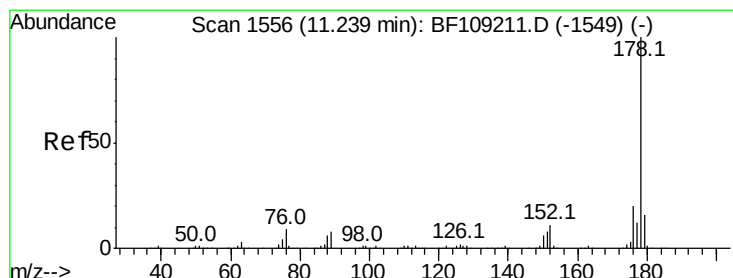
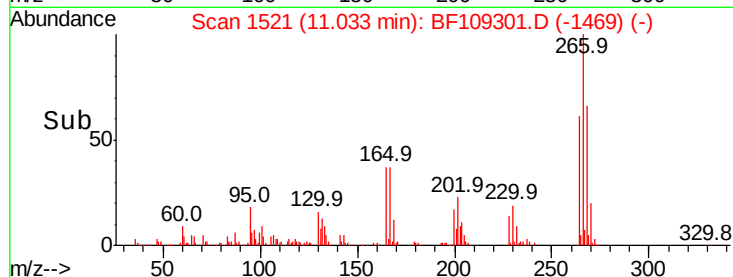
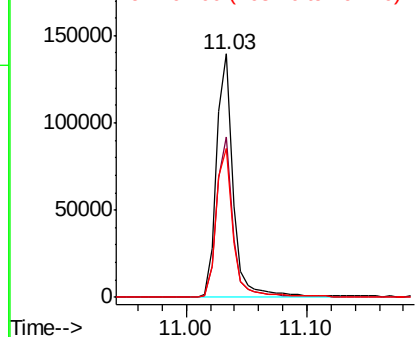


Abundance

Ion 265.70 (265.40 to 266.40): E

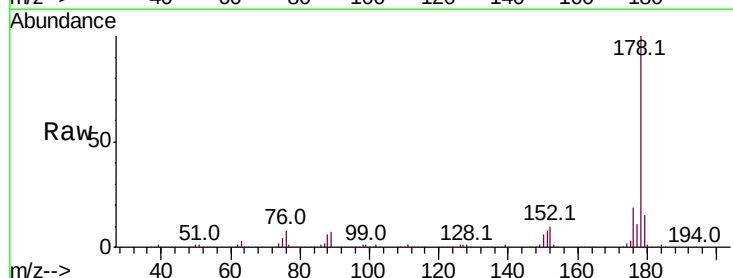
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.920 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	676446		
176	19.4		15.8	23.8
179	15.4		13.0	19.6

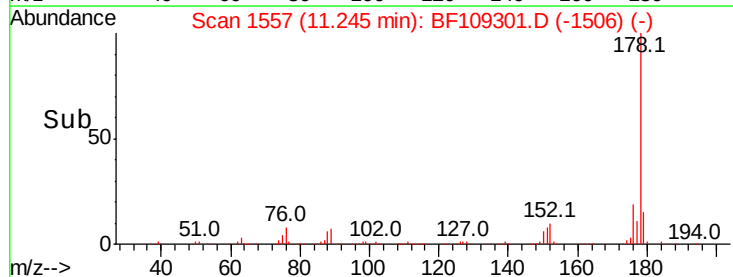
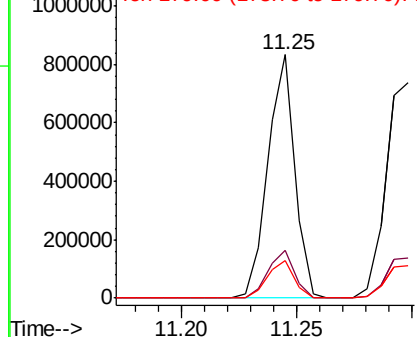


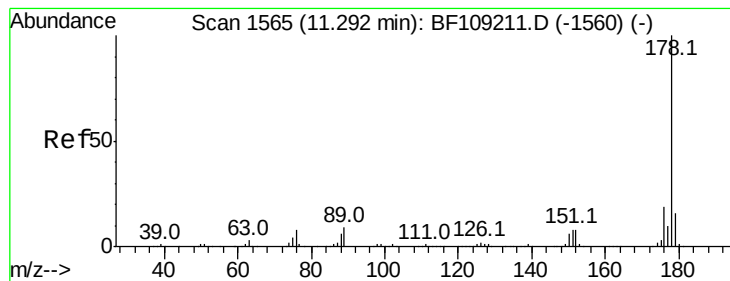
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.194 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

ClientSampleId :

GRID08-COMP-092018MSD

Tot Ion:178 Resp: 673612

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

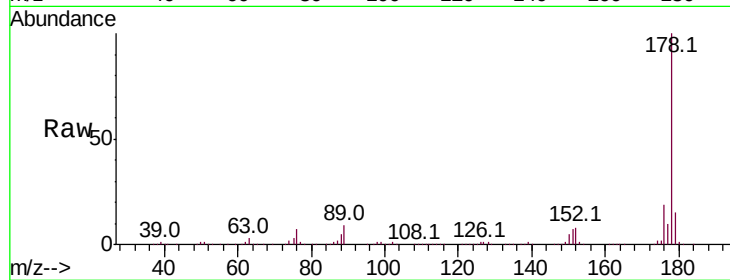
179 15.1 12.6 19.0

Manual Integrations

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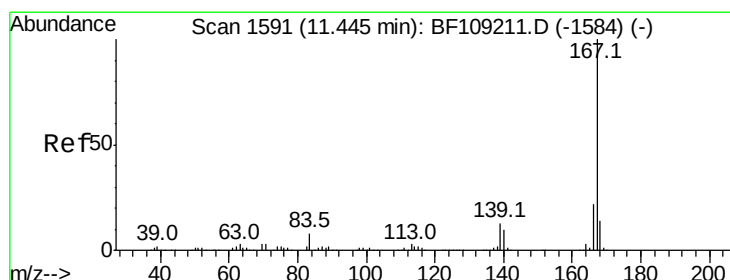
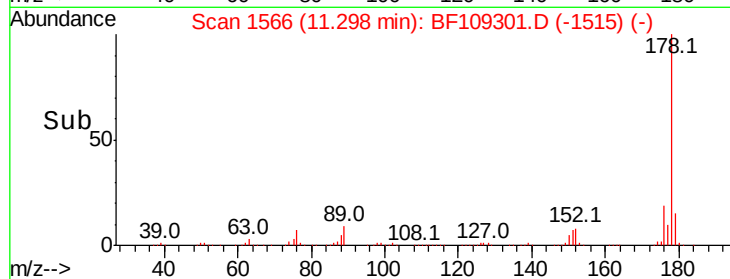
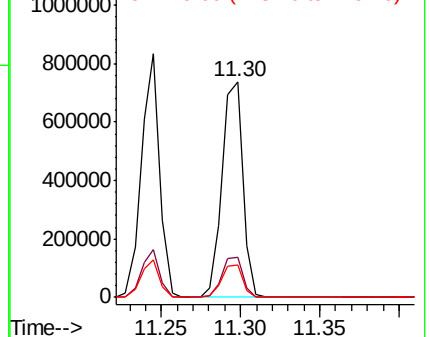
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.376 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

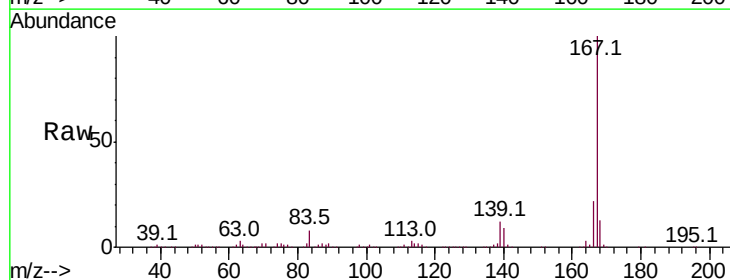
Tgt Ion:167 Resp: 604920

Ion Ratio Lower Upper

167 100

166 21.6 17.6 26.4

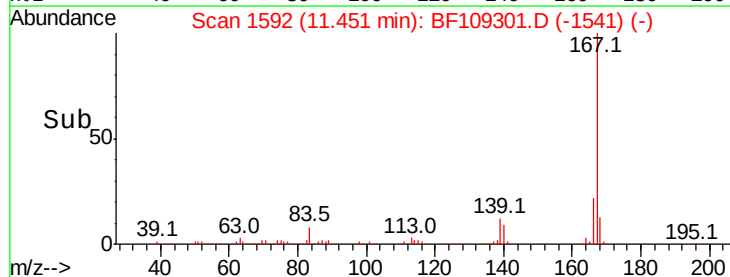
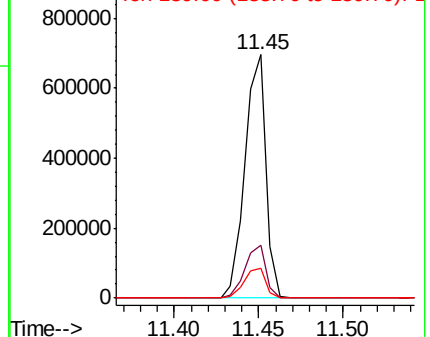
139 12.4 10.9 16.3

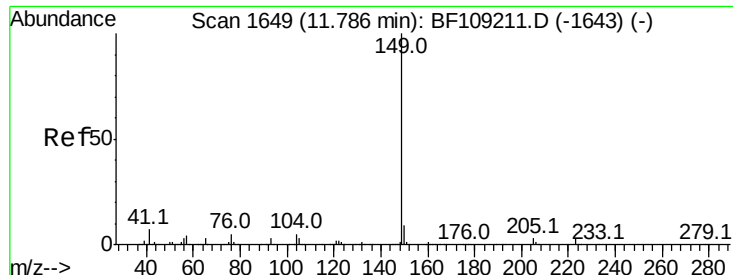


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.490 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

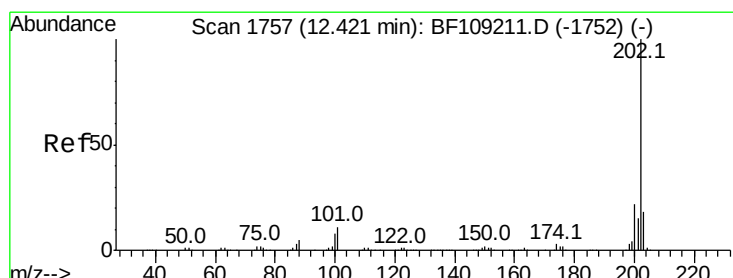
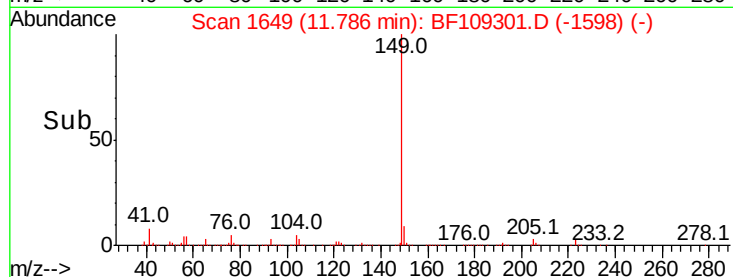
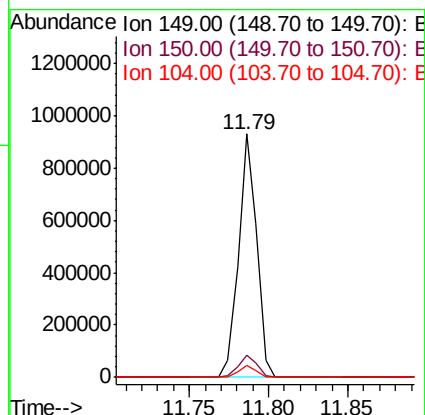
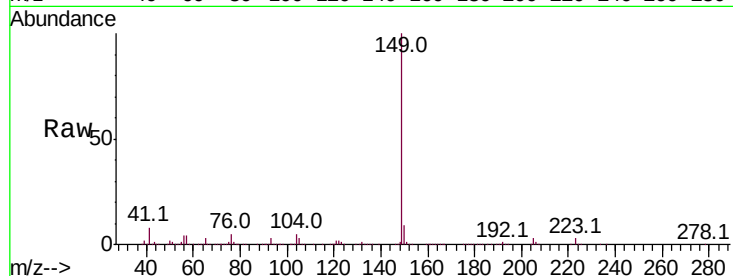
ClientSampleId :

GRID08-COMP-092018MSD

Tot Ion:	149	Resp:	738019
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.9	3.8	5.8

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#74

Fluoranthene

Concen: 39.538 ng

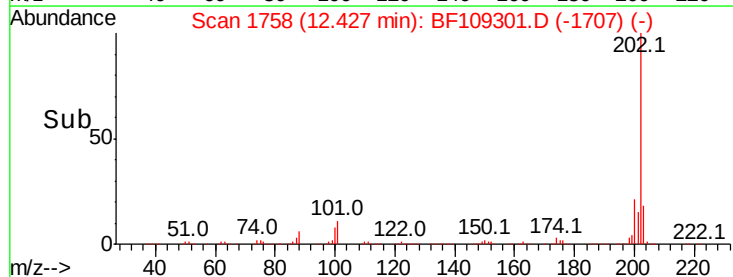
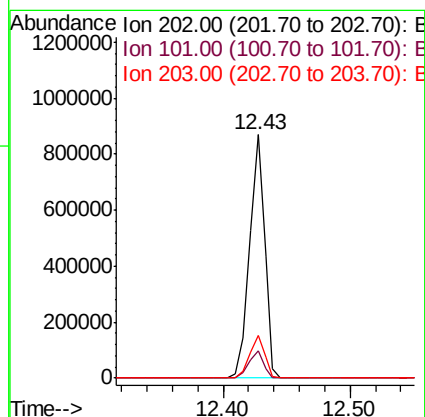
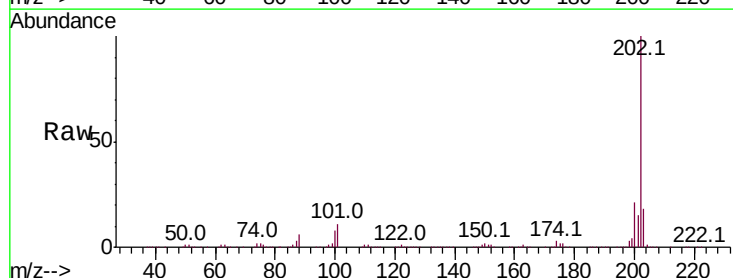
RT: 12.43 min Scan# 1758

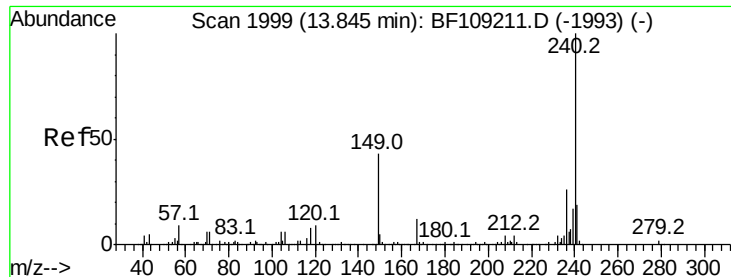
Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	202	Resp:	715978
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Instrument :

BNA_F

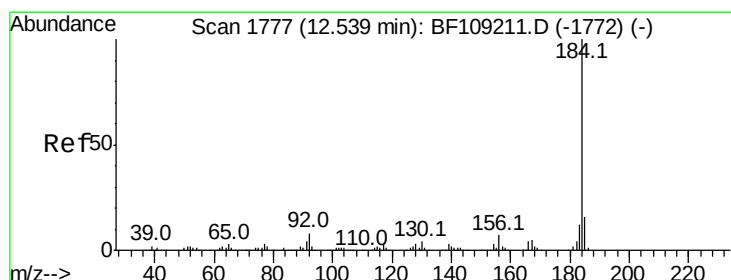
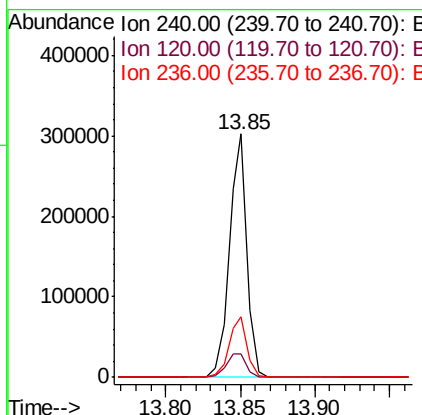
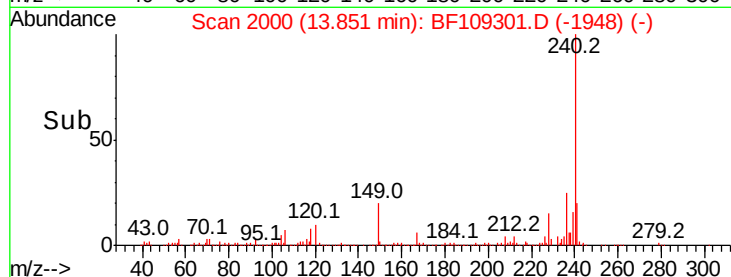
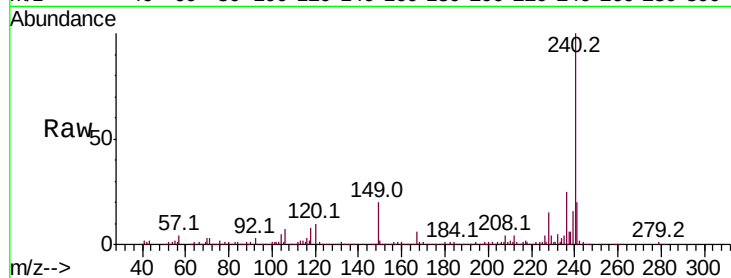
ClientSampleId :

GRID08-COMP-092018MSD

Tot Ion:	240	Resp:	250624
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	25.1	20.7	31.1

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#76

Benzidine

Concen: 49.984 ng

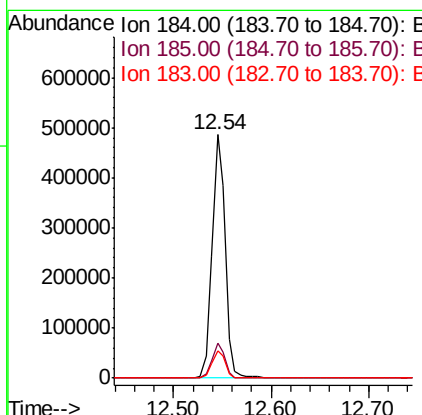
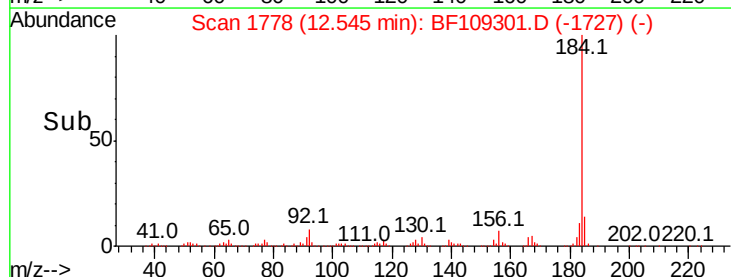
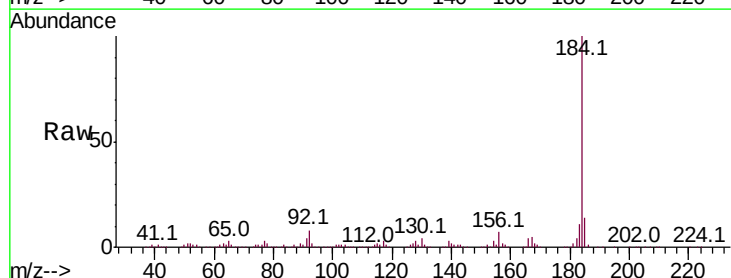
RT: 12.54 min Scan# 1778

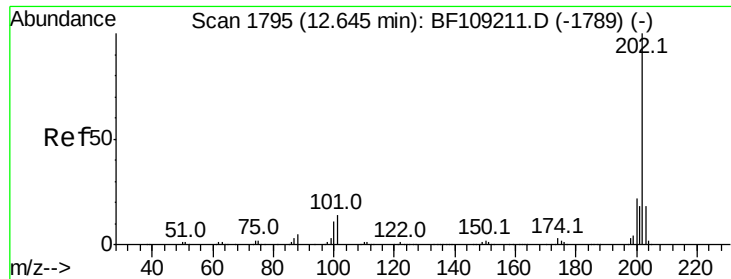
Delta R.T. 0.00 min

Lab File: BF109301.D

Acq: 25 Sep 2018 22:08

Tgt Ion:	184	Resp:	451665
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.4	9.3	13.9





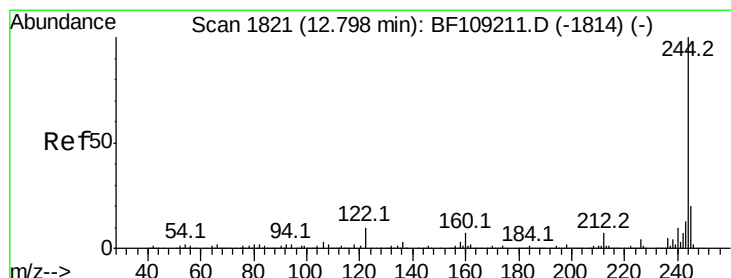
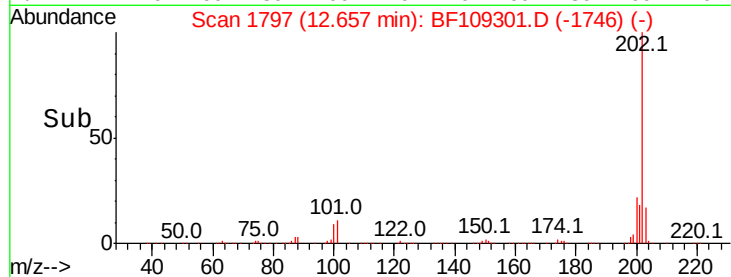
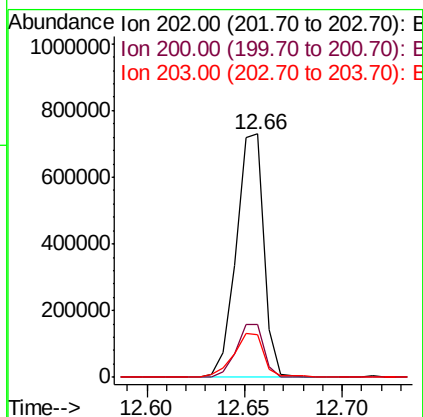
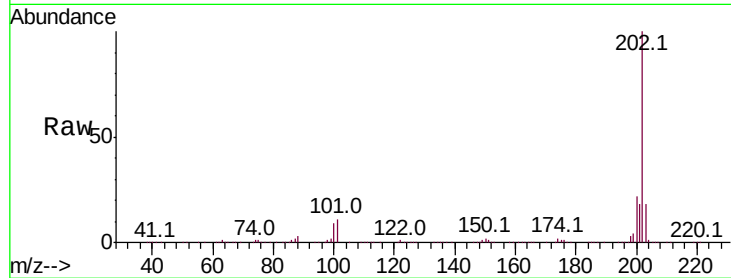
#77
Pvrene
Concen: 39.882 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

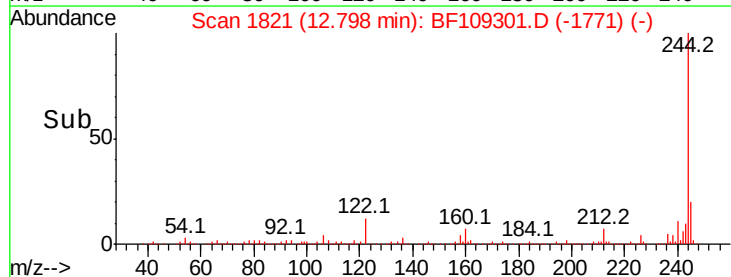
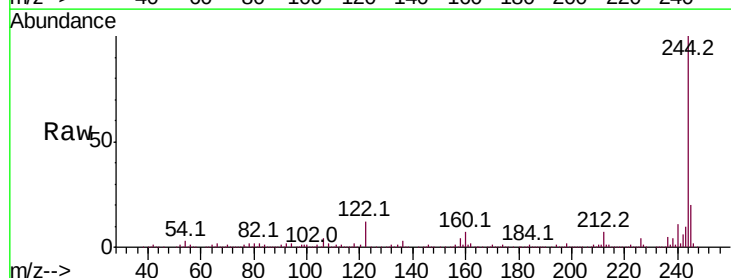
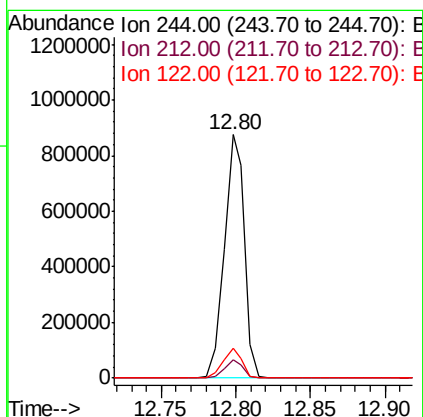
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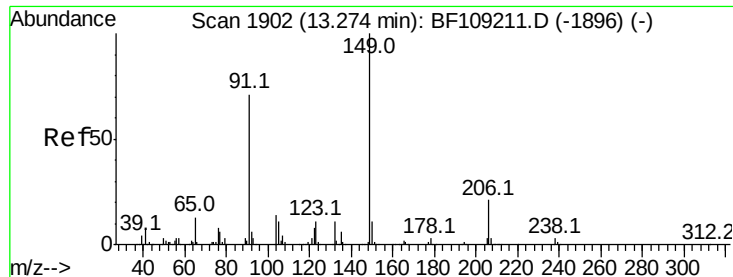
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#78
Terphenyl-d14
Concen: 81.132 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.3	11.0	16.4





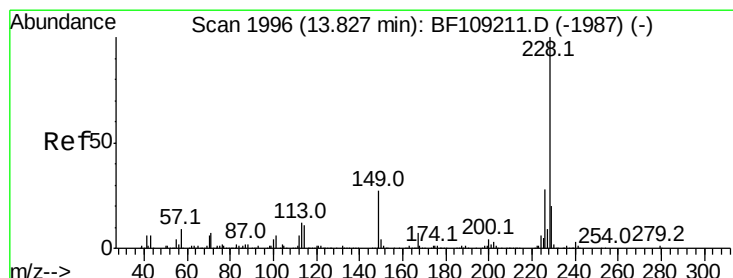
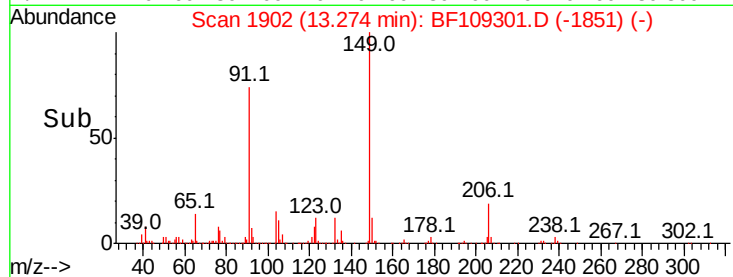
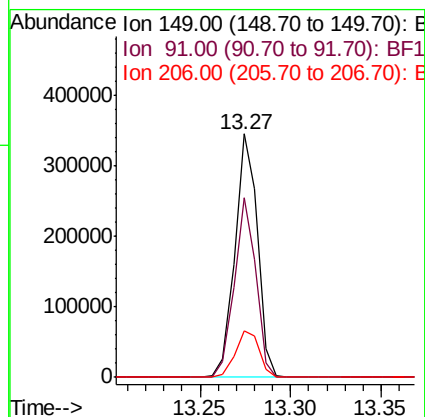
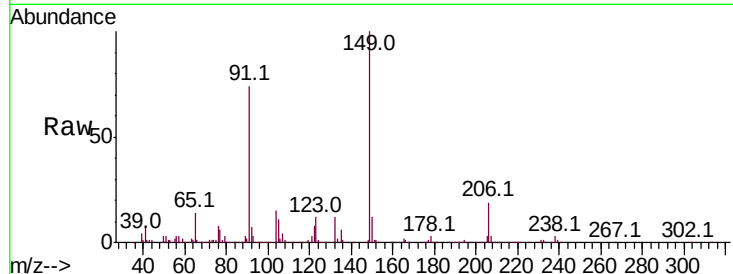
#79
Butylbenzylphthalate
Concen: 39.102 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	298808		
91	74.0	56.8	85.2	
206	19.2	14.1	21.1	

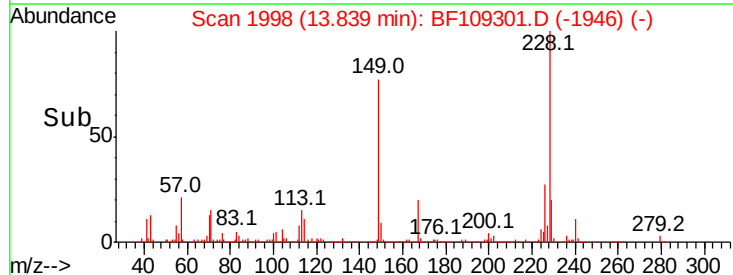
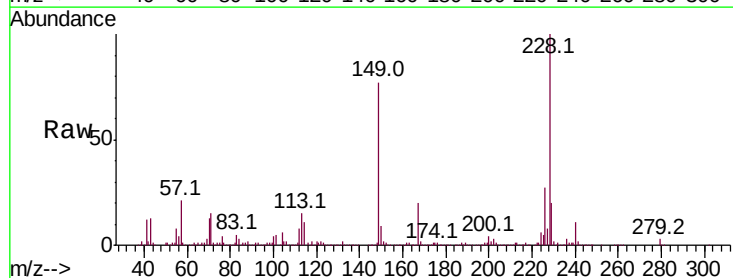
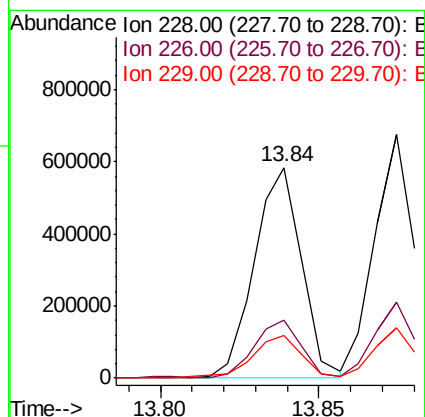
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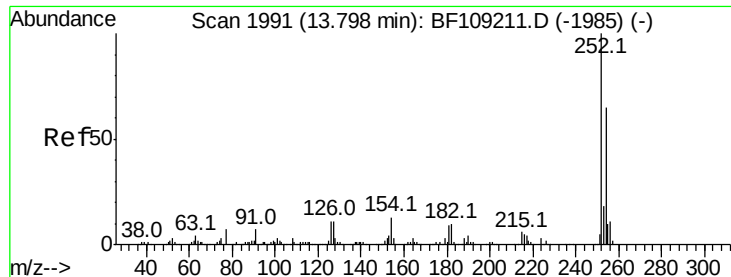
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#80
Benzo(a)anthracene
Concen: 39.675 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598921		
226	27.3	22.6	33.8	
229	20.0	15.8	23.6	





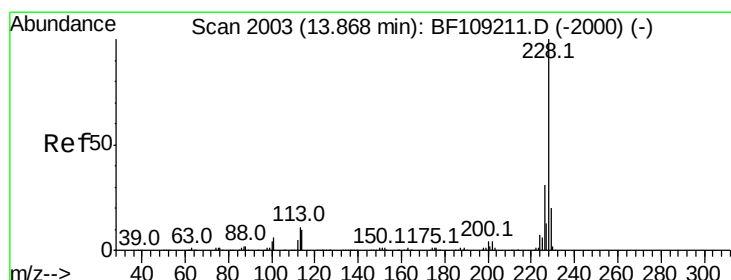
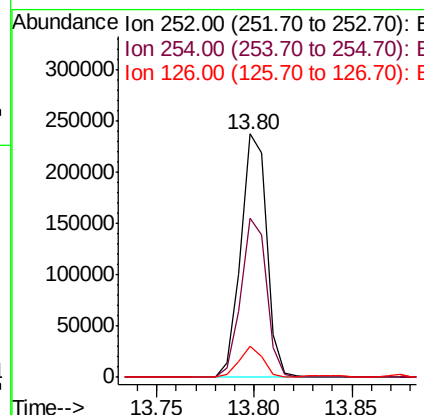
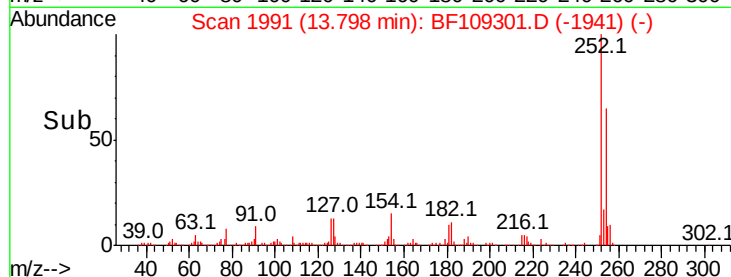
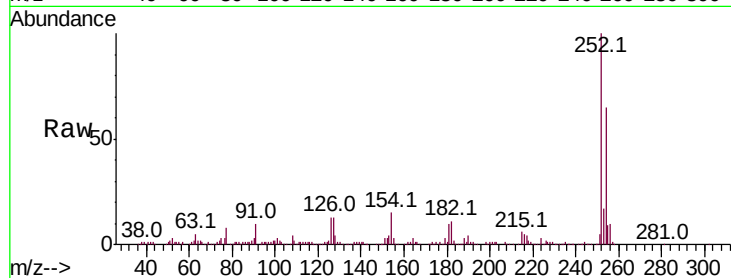
#81
 3,3'-Dichlorobenzidine
 Concen: 38.158 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	50.4	75.6
126	12.7	11.3	16.9

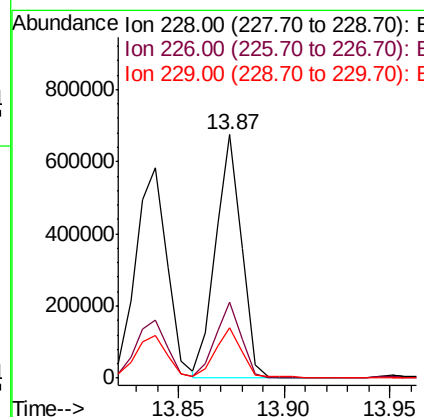
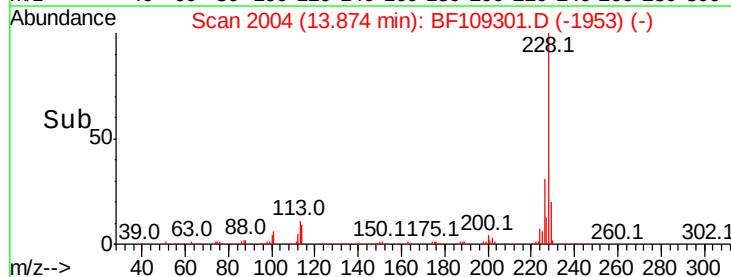
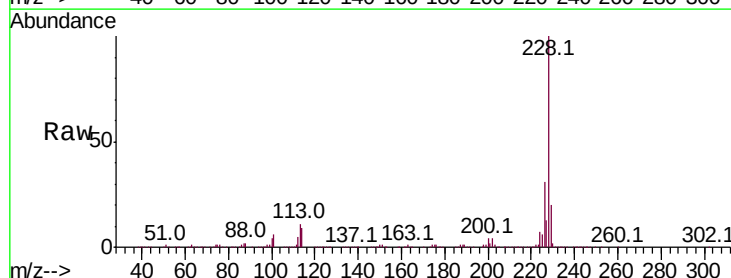
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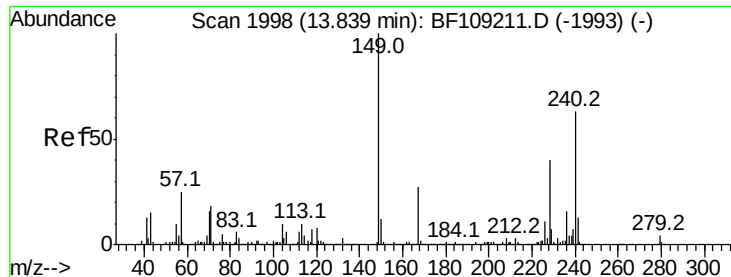
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#82
 Chrysene
 Concen: 38.467 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.5	16.2	24.4





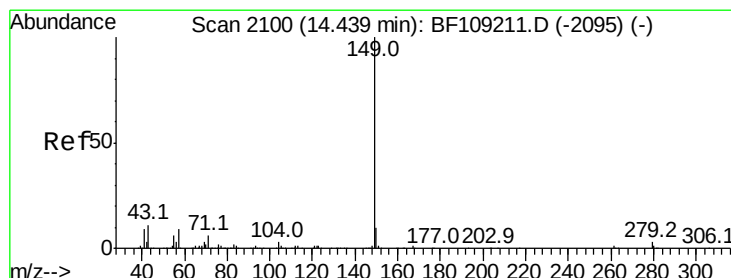
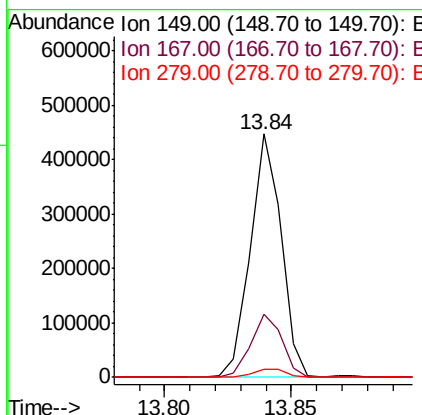
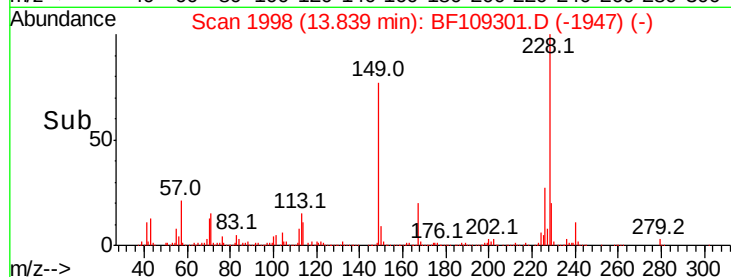
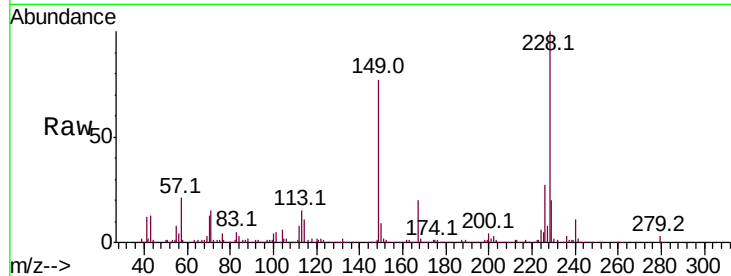
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.513 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion:	149	Resp:	380800
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.3	31.9
279	3.5	3.0	4.4

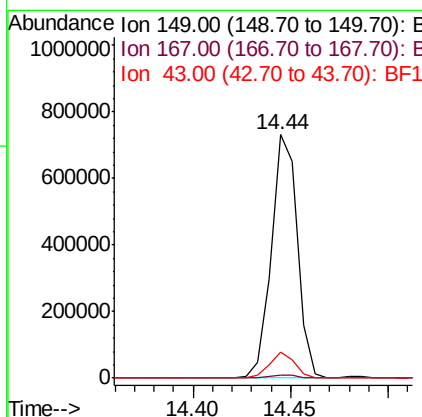
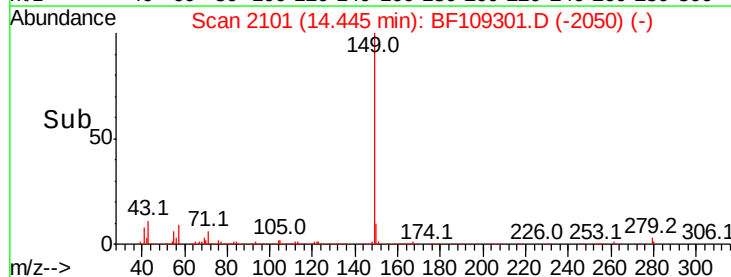
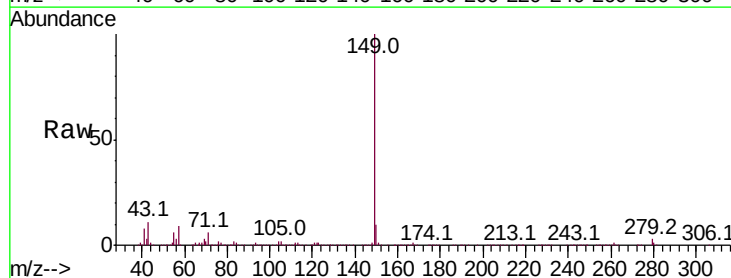
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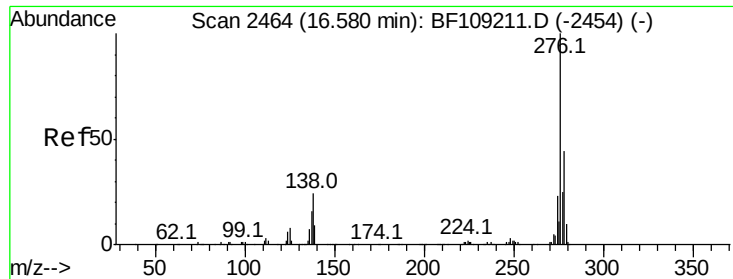
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#84
 Di-n-octyl phthalate
 Concen: 40.829 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Tgt Ion:	149	Resp:	672790
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.8	8.4	12.6





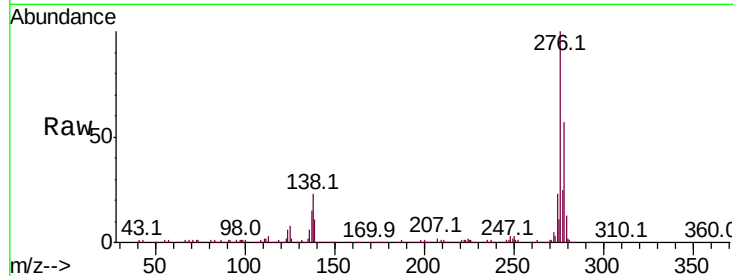
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.886 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	25.2	20.1	30.1

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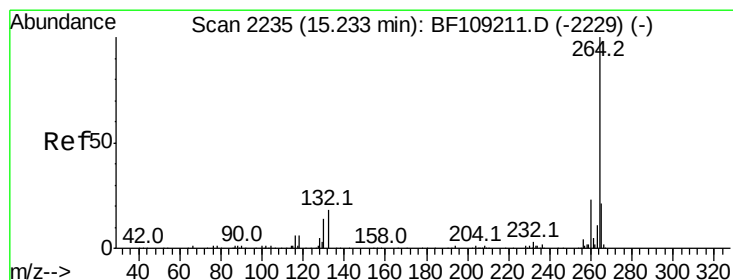
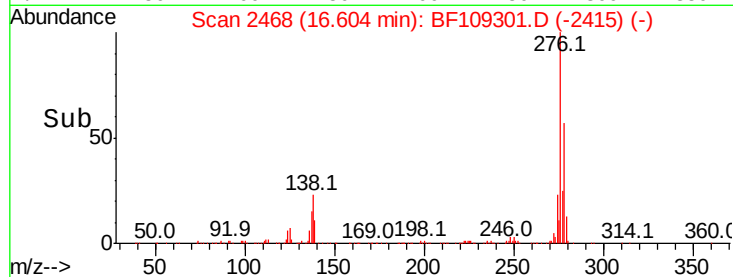
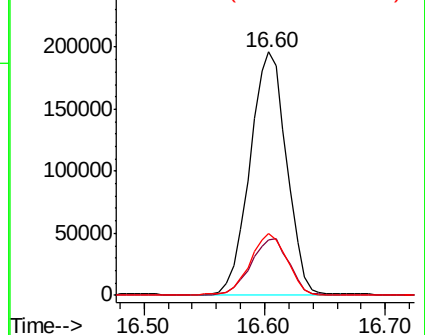


Abundance

Ion 276.00 (275.70 to 276.70): E

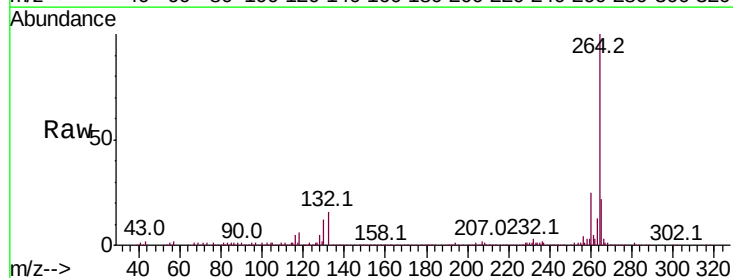
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3

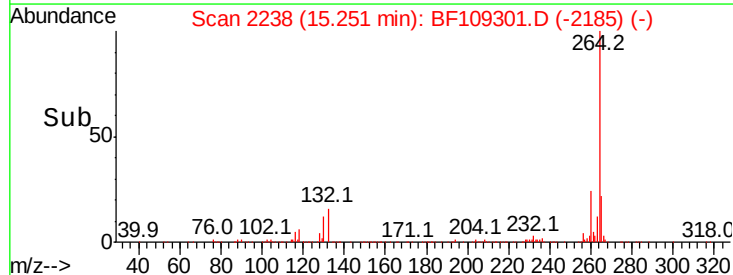
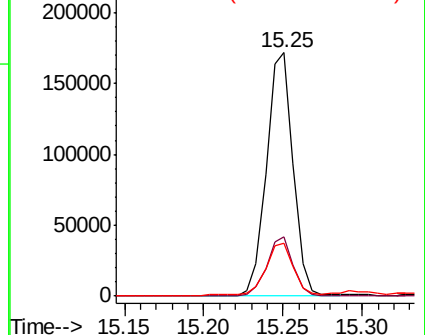


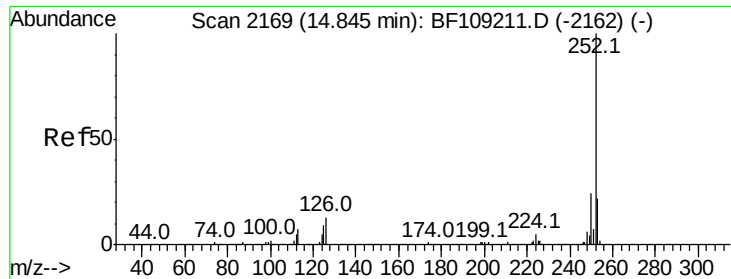
Abundance

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





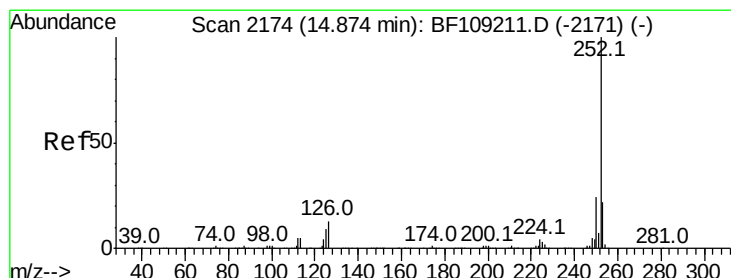
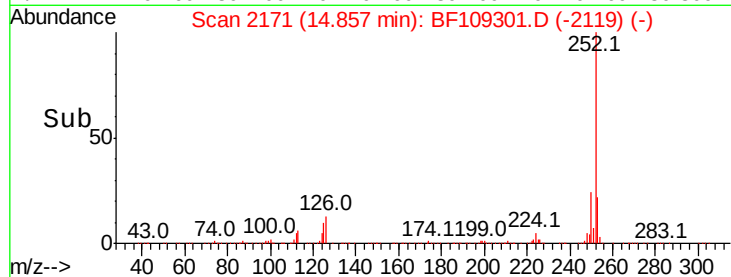
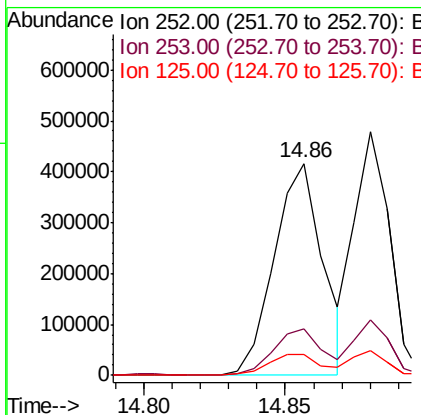
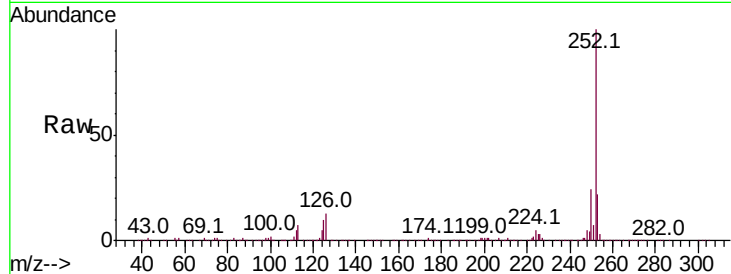
#87
Benzo(b)fluoranthene
Concen: 44.746 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.0	9.0	13.6

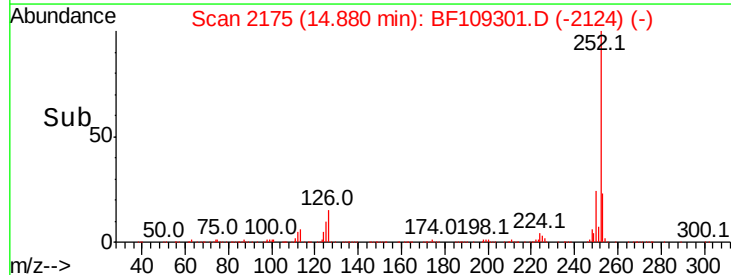
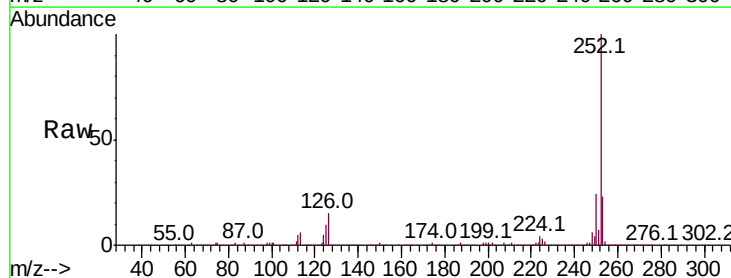
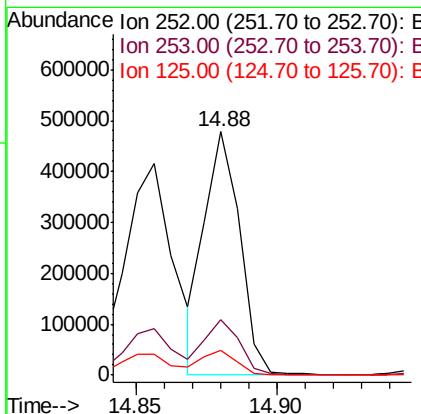
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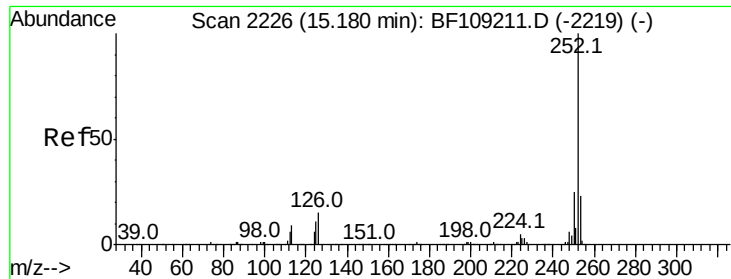
Sohil
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#88
Benzo(k)fluoranthene
Concen: 39.337 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.4	10.2	15.2





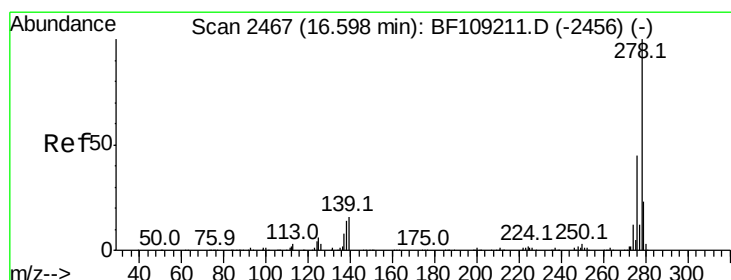
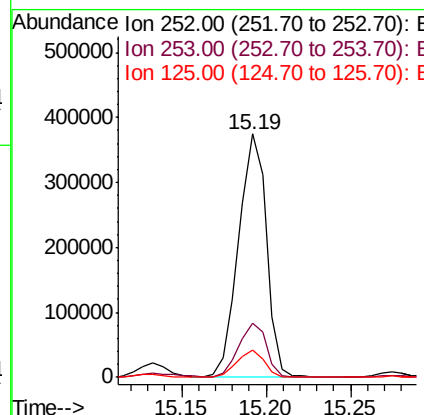
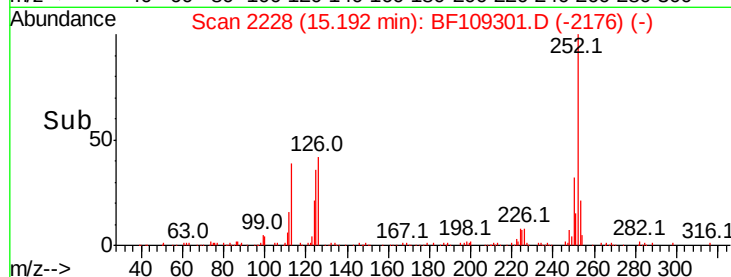
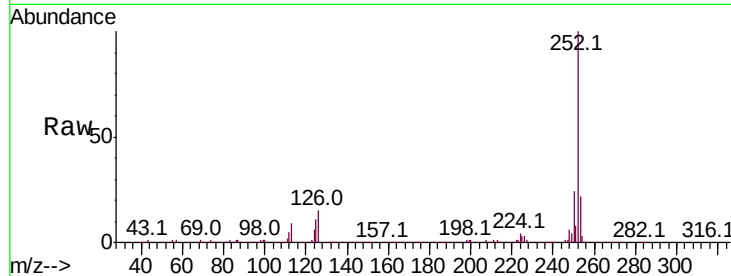
#89
Benzo(a)pyrene
Concen: 42.676 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.4	9.8	14.6

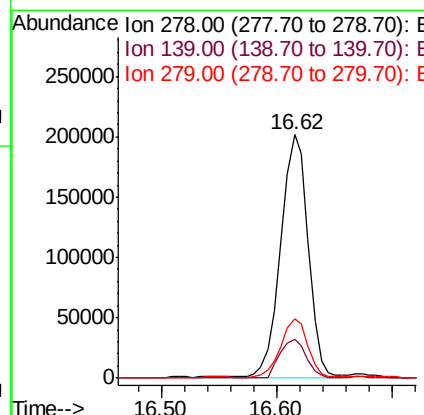
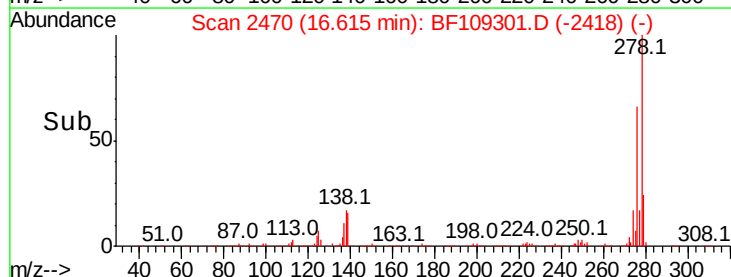
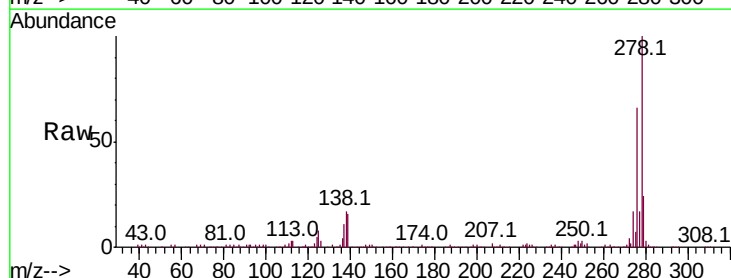
Manual Integrations
APPROVED

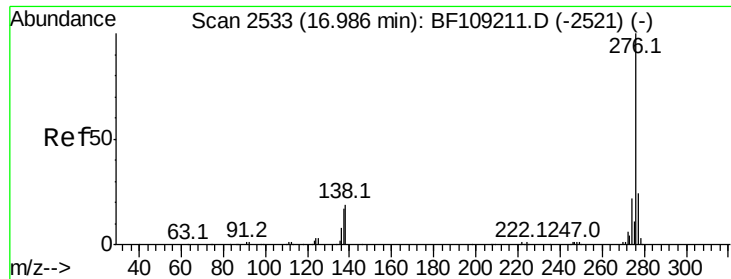
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 40.448 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF109301.D
Acq: 25 Sep 2018 22:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.981 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109301.D
 Acq: 25 Sep 2018 22:08

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	21.1	21.8	32.8

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