

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109220.D
 Acq On : 22 Sep 2018 14:48
 Operator : JU/SJ
 Sample : PB113095BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:38:43 AM

Quant Time: Sep 24 07:09:37 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	6.70	152	101311	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	407683	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	195800	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	394704	20.00	ng	0.00
75) Chrysene-d12	13.84	240	289528	20.00	ng	0.00
86) Perylene-d12	15.23	264	255324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	634449	103.15	ng	0.00
7) Phenol-d6	6.35	99	804452	102.49	ng	-0.01
23) Nitrobenzene-d5	7.27	82	496670	71.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	212471	110.08	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	945217	72.81	ng	0.00
78) Terphenyl-d14	12.80	244	1014120	85.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	108833	38.418	ng	93
3) Pyridine	3.15	79	305861	41.950	ng	92
4) n-Nitrosodimethylamine	3.08	42	139943	45.101	ng	# 97
6) Aniline	6.37	93	317123	31.580	ng	98
8) 2-Chlorophenol	6.49	128	275546	40.284	ng	97
9) Benzaldehyde	6.25	77	137984	27.366	ng	98
10) Phenol	6.36	94	342115	38.489	ng	72
11) bis(2-Chloroethyl)ether	6.45	93	267275	38.428	ng	97
12) 1,3-Dichlorobenzene	6.65	146	306955	38.976	ng	96
13) 1,4-Dichlorobenzene	6.72	146	310679	39.158	ng	99
14) 1,2-Dichlorobenzene	6.88	146	287148	39.233	ng	96
15) Benzyl Alcohol	6.85	79	242211	40.316	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	390181	39.550	ng	95
17) 2-Methylphenol	6.97	107	227443	41.095	ng	96
18) Hexachloroethane	7.22	117	111912	40.036	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	199662	38.822	ng	98
20) 3+4-Methylphenols	7.12	107	269412	40.319	ng	# 73
22) Acetophenone	7.12	105	380255	40.343	ng	# 91
24) Nitrobenzene	7.29	77	298363	40.632	ng	96
25) Isophorone	7.53	82	554648	44.599	ng	97
26) 2-Nitrophenol	7.60	139	131272	45.204	ng	95
27) 2,4-Dimethylphenol	7.65	122	245524	45.310	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	342556	41.611	ng	98
29) 2,4-Dichlorophenol	7.85	162	234644	41.214	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	244042	38.361	ng	96
31) Naphthalene	8.01	128	789863	41.461	ng	100
32) Benzoic acid	7.73	122	32169m	14.296	ng	
33) 4-Chloroaniline	8.06	127	188787	22.684	ng	98
34) Hexachlorobutadiene	8.13	225	145194	37.858	ng	97
35) Caprolactam	8.42	113	73036m	40.181	ng	
36) 4-Chloro-3-methylphenol	8.55	107	250413	41.798	ng	99
37) 2-Methylnaphthalene	8.70	142	531493	43.277	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231887	37.213	ng	99
40) Hexachlorocyclopentadiene	8.86	237	271288	99.814	ng	99

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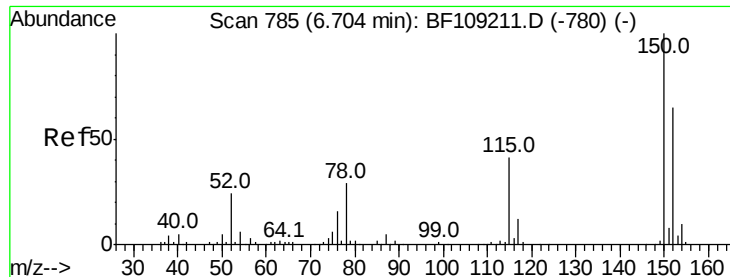
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 9/24/2018 11:38:43 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	163267	40.823	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	173271	41.022	nq	95
45) 1,1'-Biphenyl	9.16	154	638541	40.026	nq	99
46) 2-Chloronaphthalene	9.19	162	493534	38.725	nq	99
47) 2-Nitroaniline	9.28	65	156489	43.309	nq	95
48) Acenaphthylene	9.60	152	807700	42.010	nq	100
49) Dimethylphthalate	9.47	163	582650	40.913	nq	99
50) 2,6-Dinitrotoluene	9.52	165	125198	44.388	nq	89
51) Acenaphthene	9.77	154	484917	41.717	nq	100
52) 3-Nitroaniline	9.69	138	107352	32.866	nq	91
53) 2,4-Dinitrophenol	9.79	184	50361	53.503	nq	# 19
54) Dibenzofuran	9.95	168	686930	39.736	nq	98
55) 4-Nitrophenol	9.86	139	199492	81.075	nq	87
56) 2,4-Dinitrotoluene	9.93	165	164080	45.977	nq	# 97
57) Fluorene	10.29	166	520440	42.194	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145396	43.475	nq	92
59) Diethylphthalate	10.17	149	588037	40.775	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	243124	37.738	nq	93
61) 4-Nitroaniline	10.30	138	139649	43.840	nq	97
62) Azobenzene	10.44	77	601289	40.131	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	47884	32.713	nq	89
65) n-Nitrosodiphenylamine	10.40	169	502513	38.534	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	166561	38.001	nq	93
67) Hexachlorobenzene	10.83	284	174524	37.491	nq	92
68) Atrazine	10.93	200	163116	40.670	nq	97
69) Pentachlorophenol	11.03	266	159667	57.308	nq	98
70) Phenanthrene	11.24	178	804435	40.819	nq	99
71) Anthracene	11.29	178	839863	42.017	nq	100
72) Carbazole	11.44	167	754209	37.923	nq	99
73) Di-n-butylphthalate	11.79	149	933954	40.793	nq	99
74) Fluoranthene	12.42	202	886280	42.082	nq	97
76) Benzidine	12.54	184	483279	46.296	nq	99
77) Pyrene	12.64	202	884730	42.638	nq	100
79) Butylbenzylphthalate	13.27	149	398921	45.189	nq	98
80) Benzo(a)anthracene	13.83	228	749319	42.968	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	156271	23.579	nq	97
82) Chrysene	13.87	228	726931	42.056	nq	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	492884	44.271	nq	99
84) Di-n-octyl phthalate	14.44	149	836523	43.944	nq	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	576287	41.133	nq	# 93
87) Benzo(b)fluoranthene	14.84	252	628298	44.783	nq	98
88) Benzo(k)fluoranthene	14.87	252	580377	43.594	nq	# 96
89) Benzo(a)pyrene	15.18	252	548666	43.400	nq	98
90) Dibenzo(a,h)anthracene	16.60	278	472884	45.595	nq	# 96
91) Benzo(g,h,i)perylene	16.99	276	490733	48.143	nq	92

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



#1

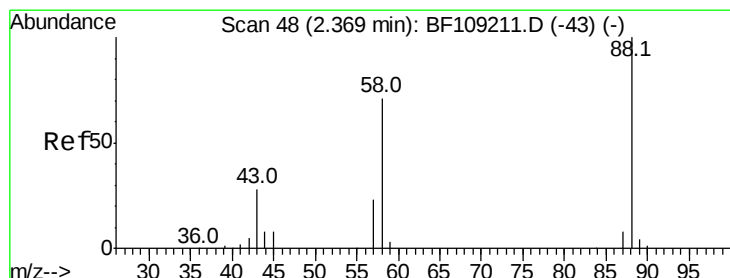
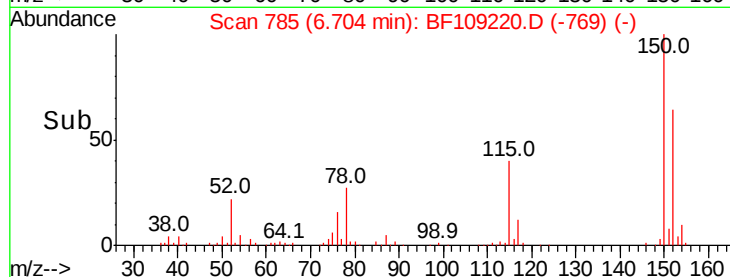
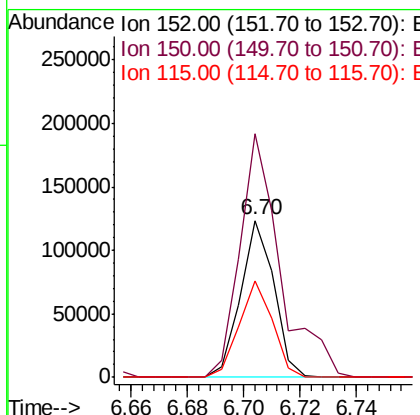
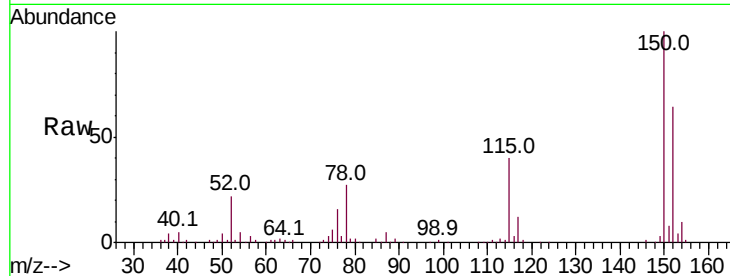
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.6	50.1	75.1

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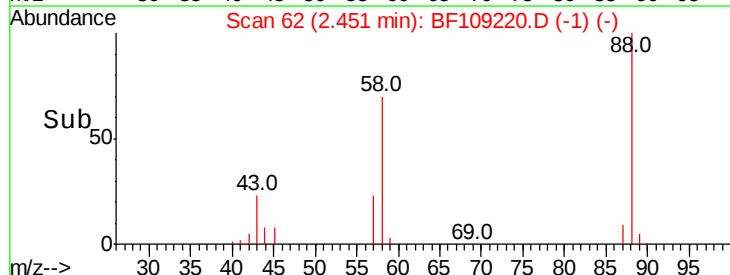
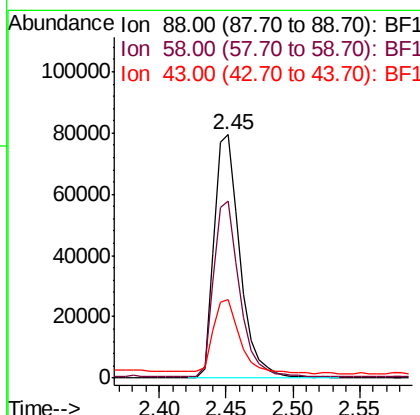
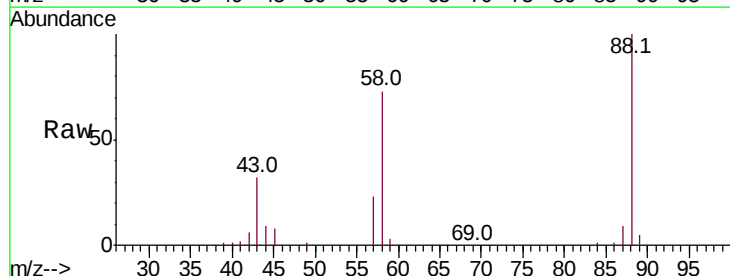
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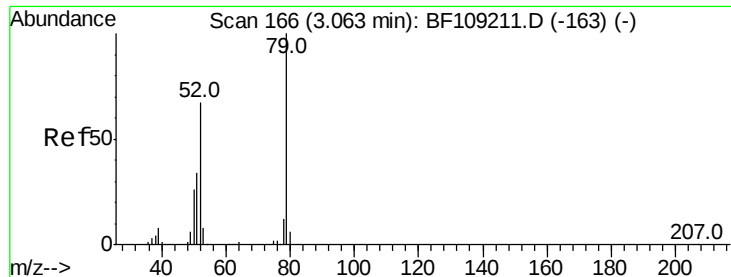


#2

1,4-Dioxane
Concen: 38.418 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.08 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	32.6	24.6	37.0





#3

Pvridine

Concen: 41.950 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

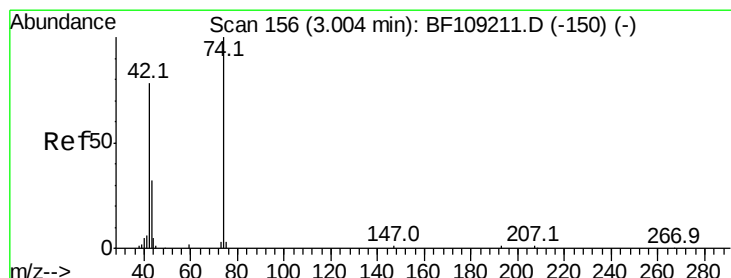
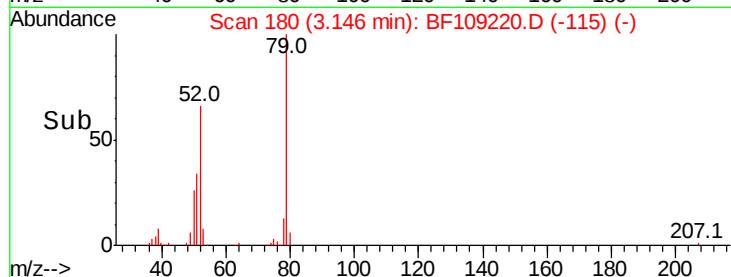
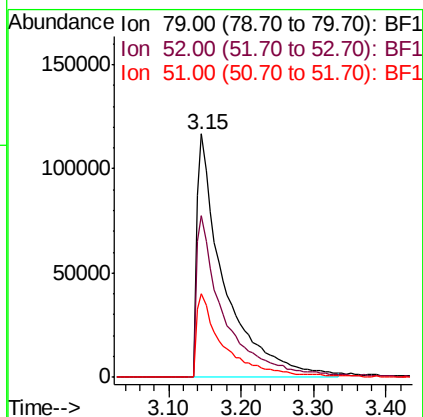
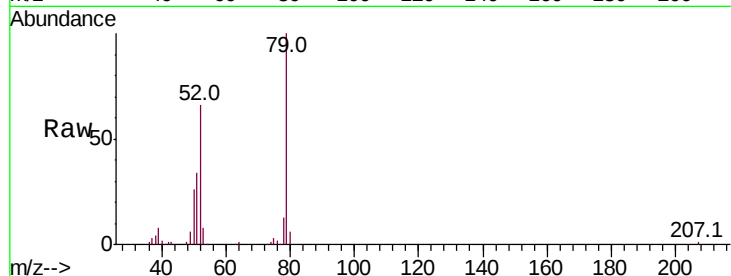
ClientSampleId :

PB113095BS

Tot Ion	79	Resp	305861
Ion Ratio	Lower	Upper	
79	100		
52	66.2	59.8	89.6
51	34.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 45.101 ng

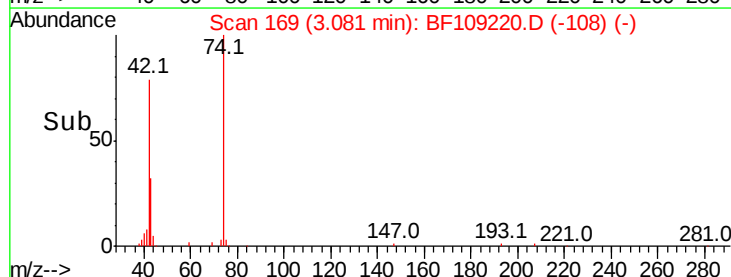
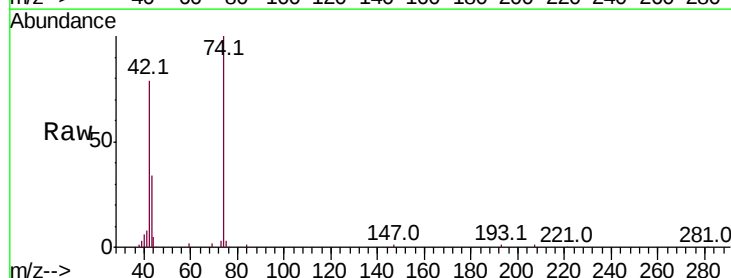
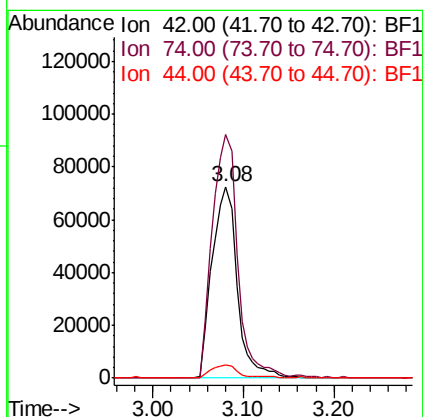
RT: 3.08 min Scan# 169

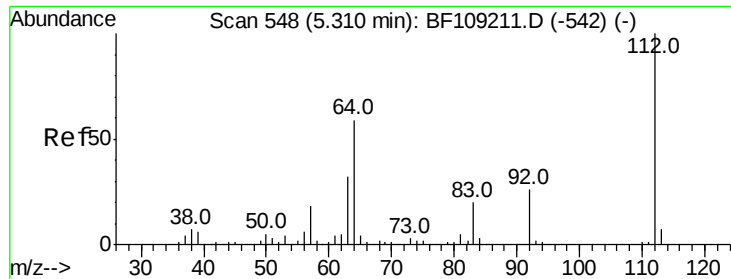
Delta R.T. 0.06 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion	42	Resp	139943
Ion Ratio	Lower	Upper	
42	100		
74	127.2	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 103.146 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

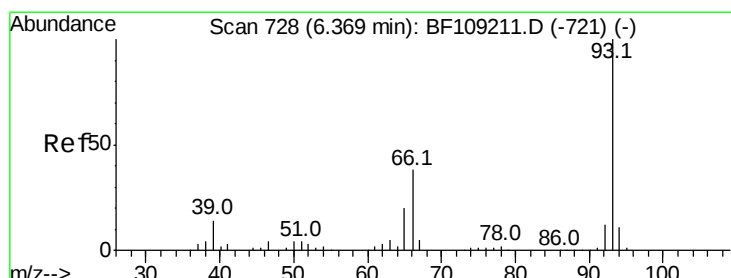
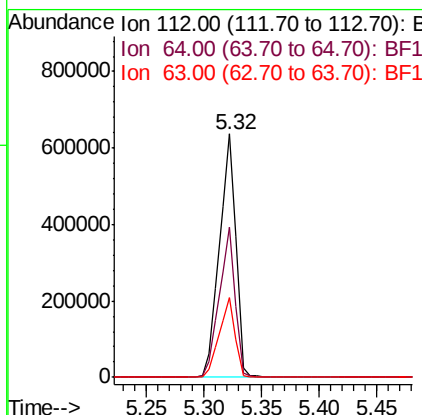
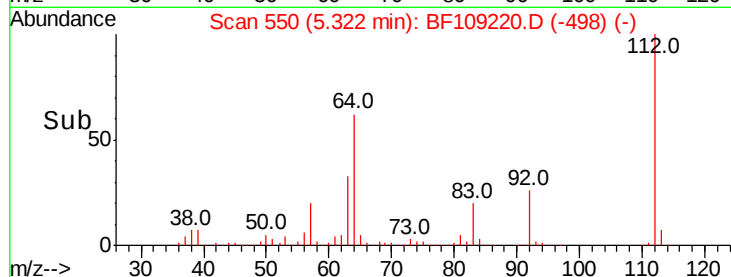
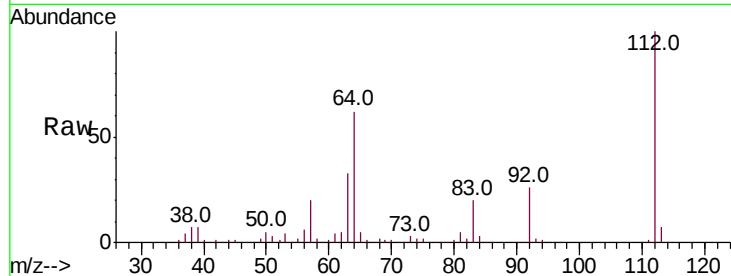
ClientSampleId :

PB113095BS

Tot Ion:	112	Resp:	634449
Ion Ratio	Lower	Upper	
112	100		
64	61.5	47.9	71.9
63	32.6	23.7	35.5

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#6

Aniline

Concen: 31.580 ng

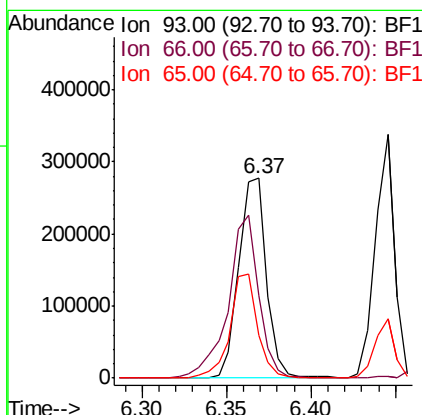
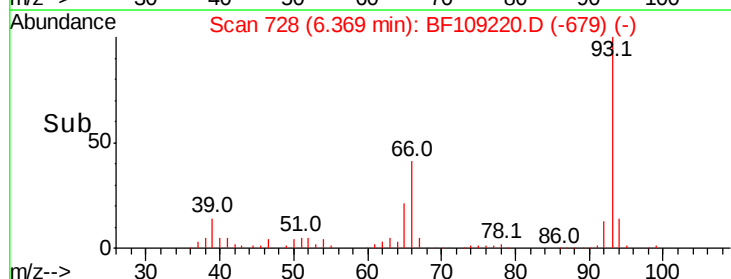
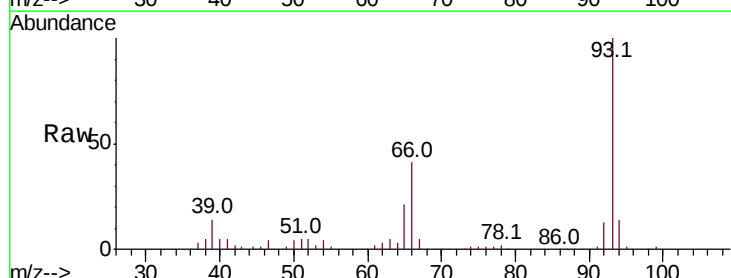
RT: 6.37 min Scan# 728

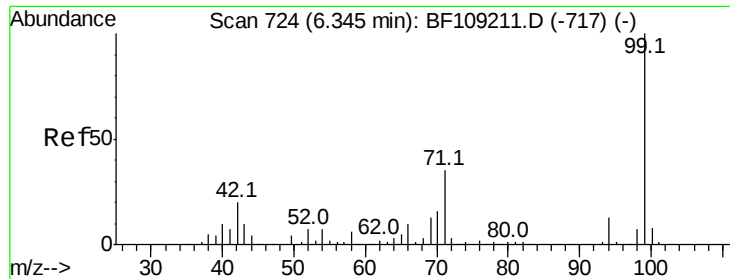
Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	93	Resp:	317123
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.2	48.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 102.493 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

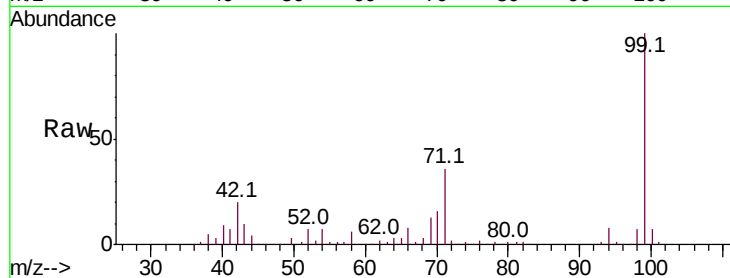
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PB113095BS

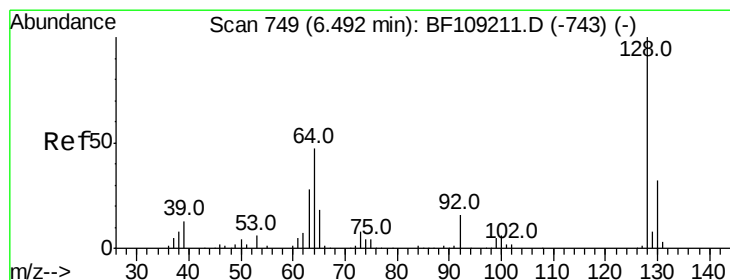
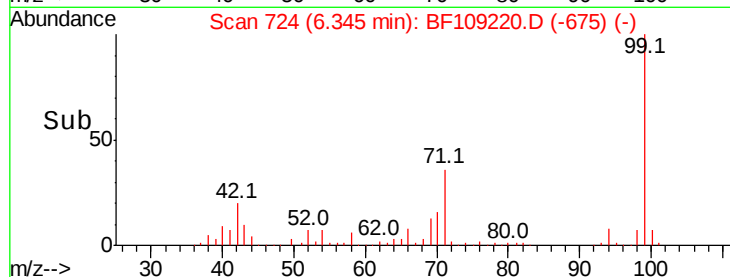
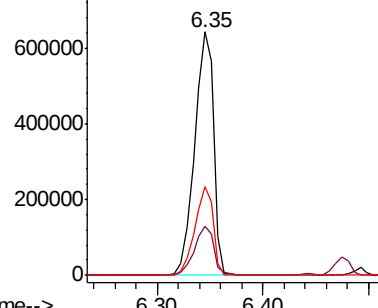
Tot Ion:	99	Resp:	804452
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	36.2	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.284 ng

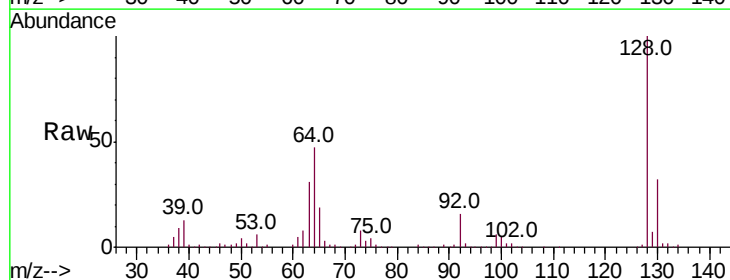
RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

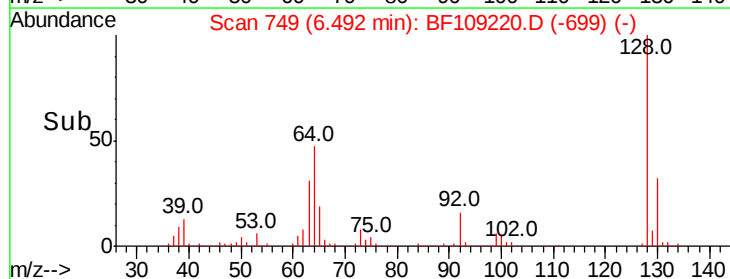
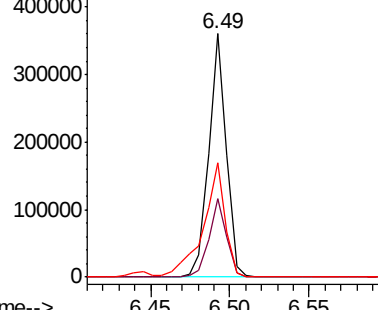
Lab File: BF109220.D

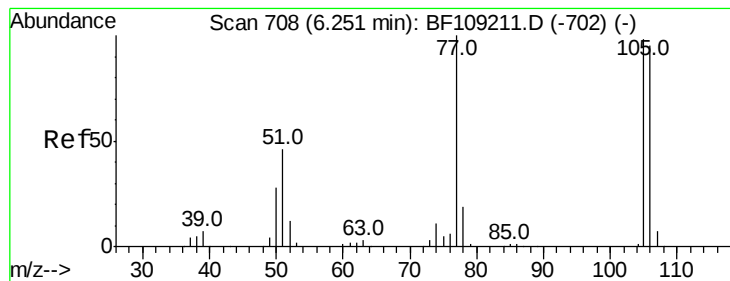
Acq: 22 Sep 2018 14:48

Tgt Ion:	128	Resp:	275546
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	47.1	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.366 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

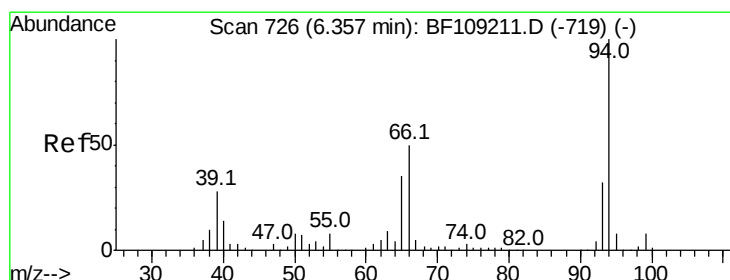
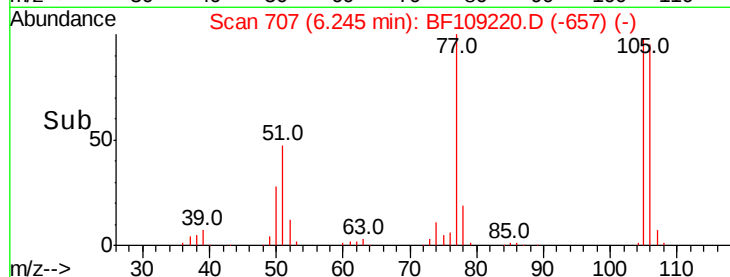
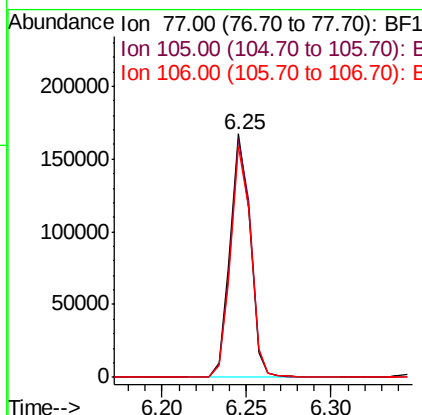
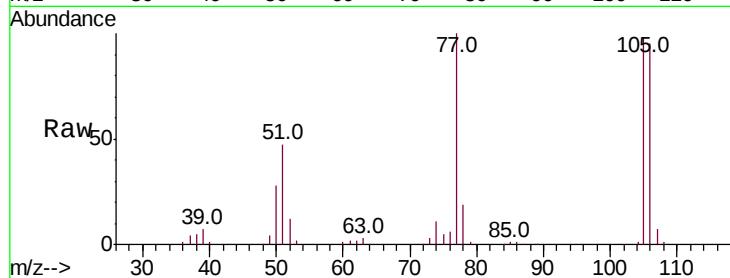
ClientSampleId :

PB113095BS

Tot Ion:	77	Resp:	137984
Ion Ratio	Lower	Upper	
77	100		
105	97.8	81.1	121.1
106	94.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.489 ng

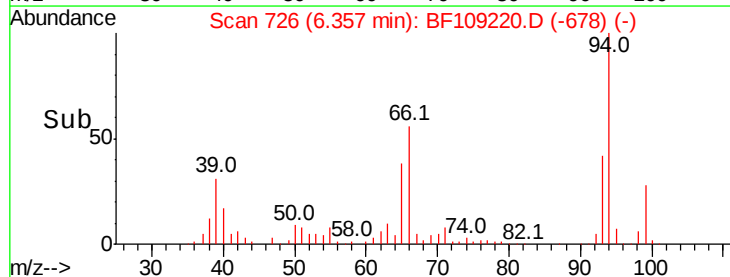
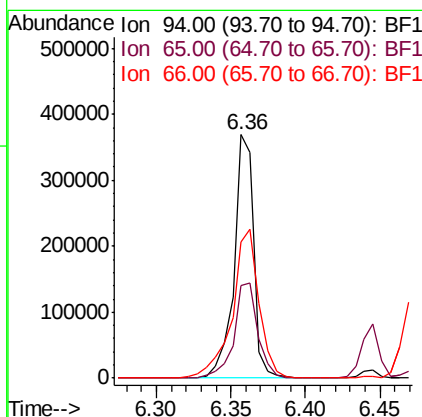
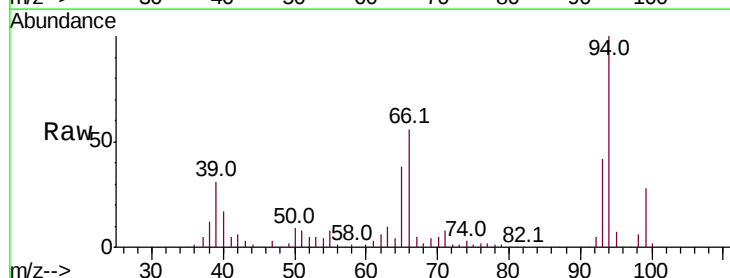
RT: 6.36 min Scan# 726

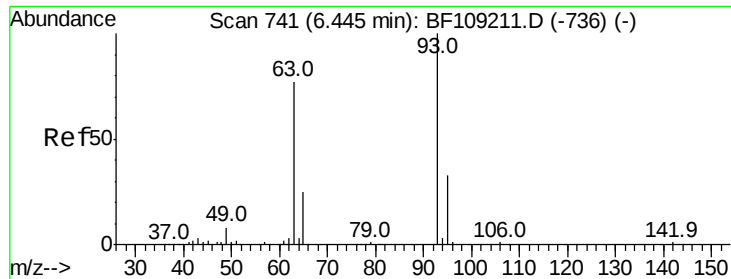
Delta R.T. -0.02 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	94	Resp:	342115
Ion Ratio	Lower	Upper	
94	100		
65	38.2	7.9	47.9
66	56.2	16.2	56.2





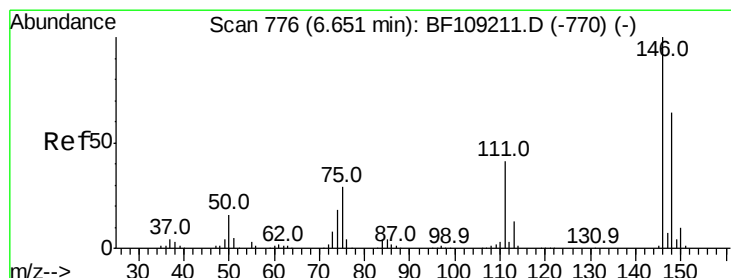
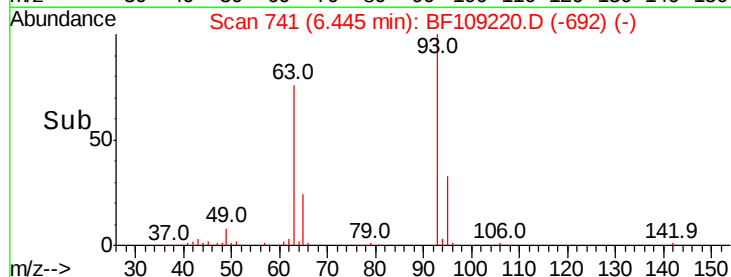
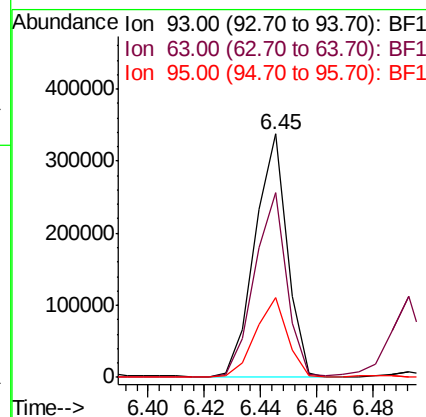
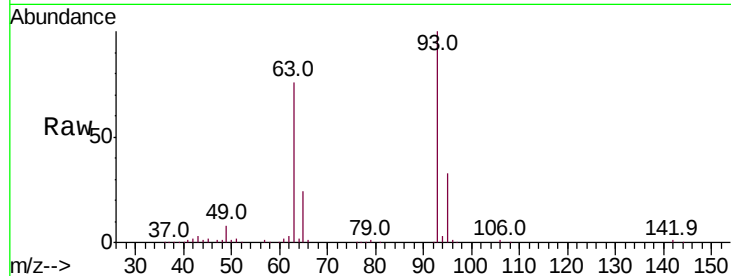
#11
bis(2-Chloroethyl)ether
Concen: 38.428 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	93	Resp	267275
Ion Ratio	100	Lower	Upper
93	100		
63	76.0	58.6	98.6
95	32.9	11.8	51.8

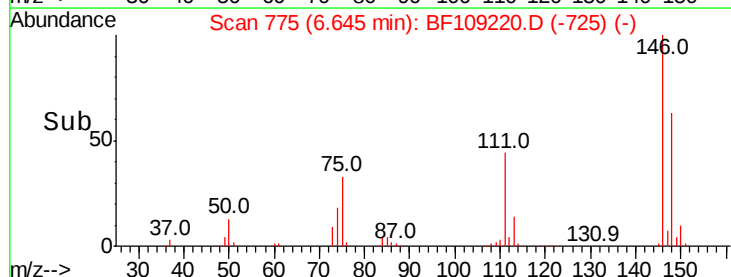
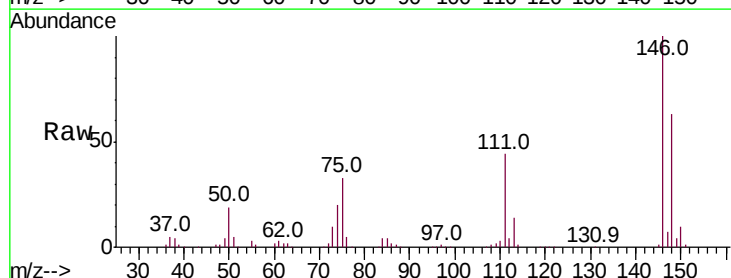
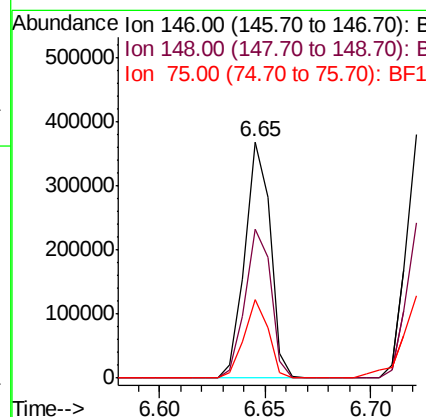
Manual Integrations
APPROVED

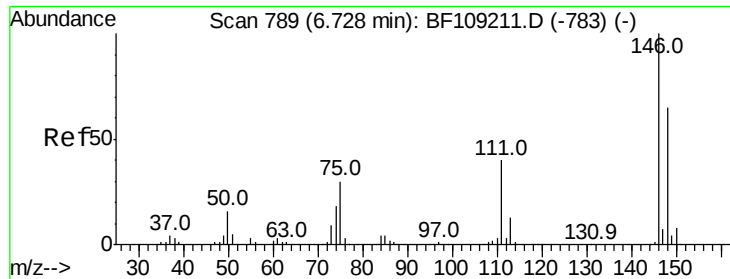
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.976 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	146	Resp	306955
Ion Ratio	100	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	33.5	24.2	36.4





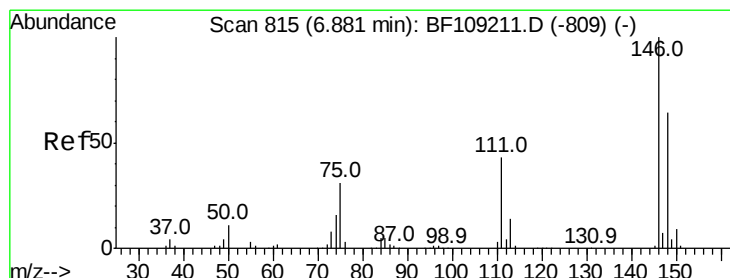
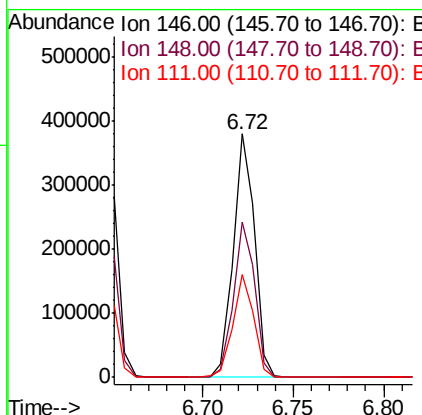
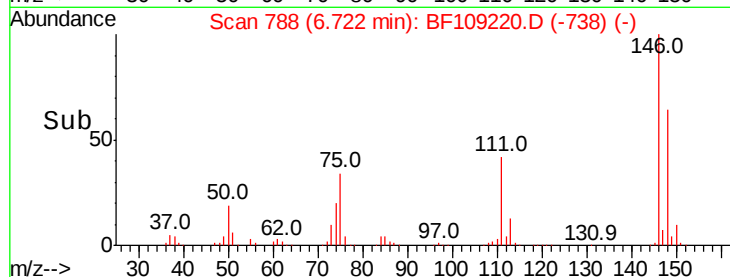
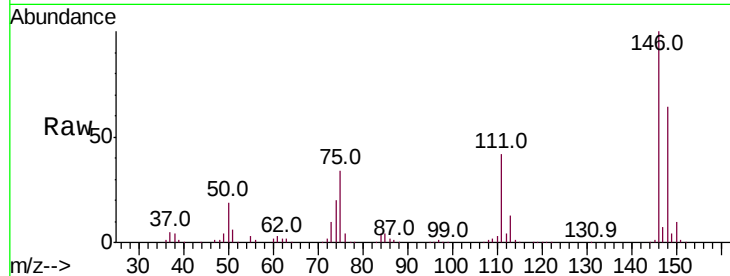
#13
 1,4-Dichlorobenzene
 Concen: 39.158 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleID :
 PB113095BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	42.0	34.2	51.2

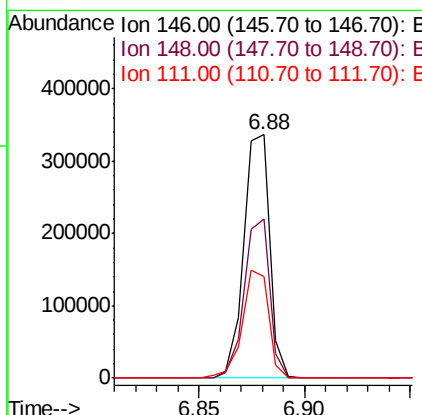
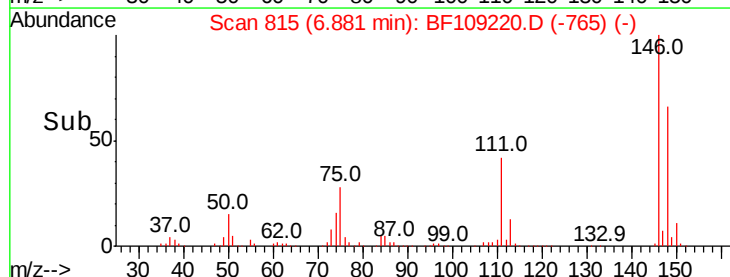
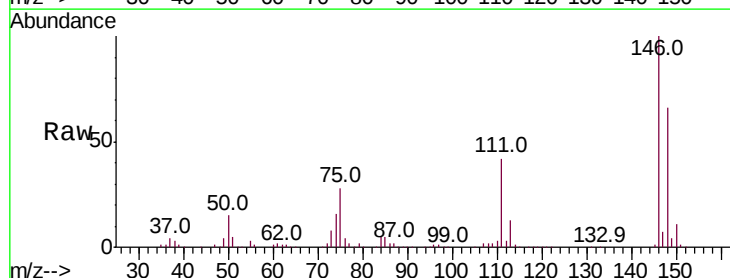
Manual Integrations
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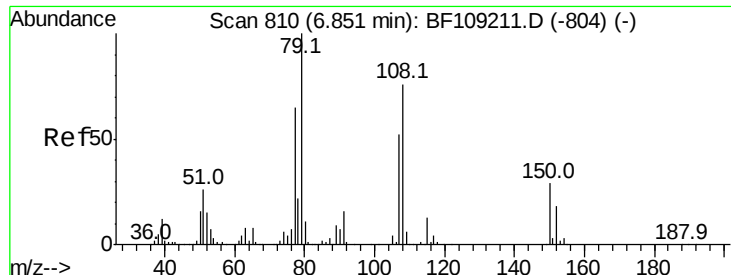
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#14
 1,2-Dichlorobenzene
 Concen: 39.233 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	41.6	36.0	54.0





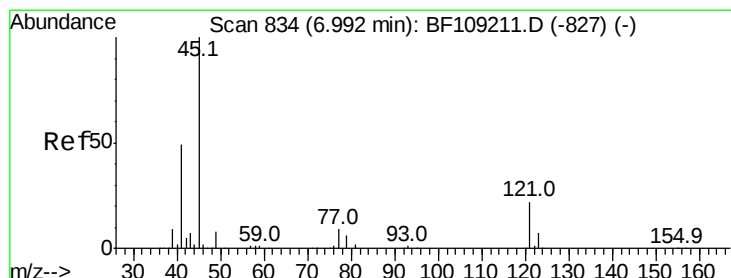
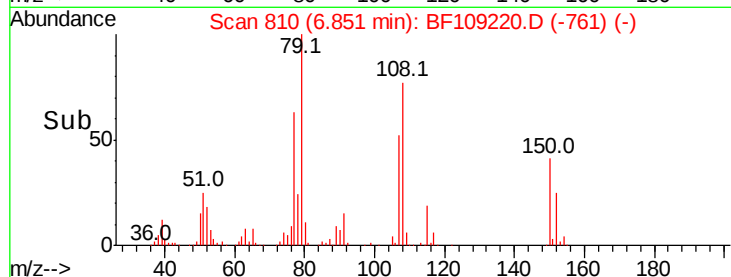
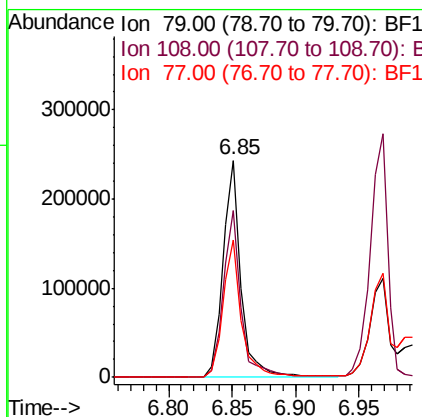
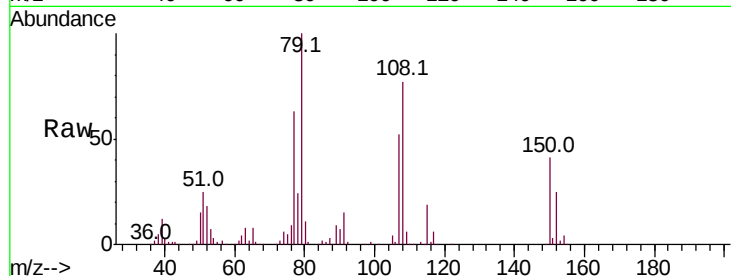
#15
Benzyl Alcohol
Concen: 40.316 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	65.1	97.7
77	63.1	50.6	75.8

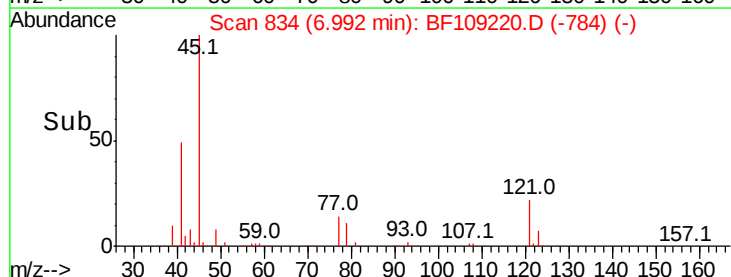
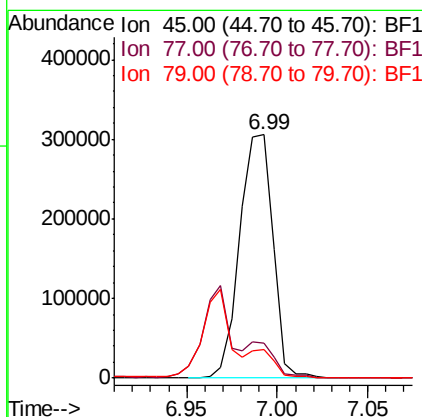
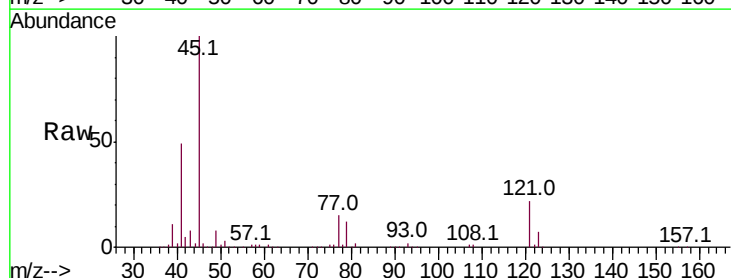
Manual Integrations
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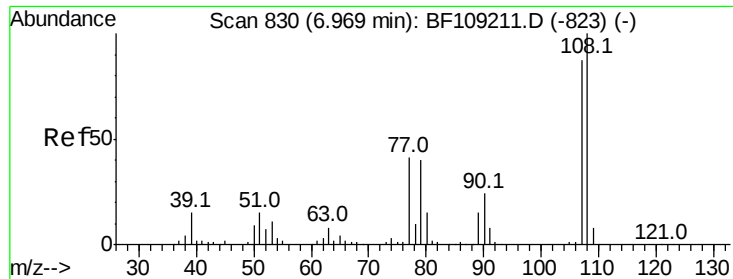
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.550 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	32.9
79	11.8	0.0	29.6





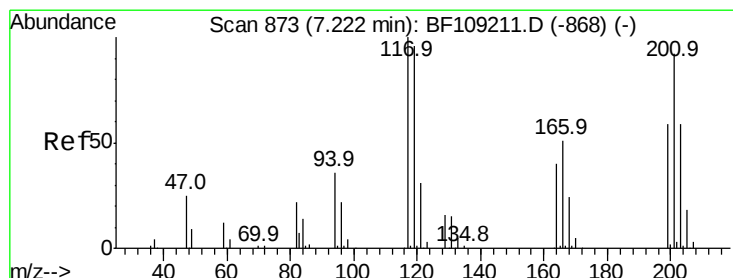
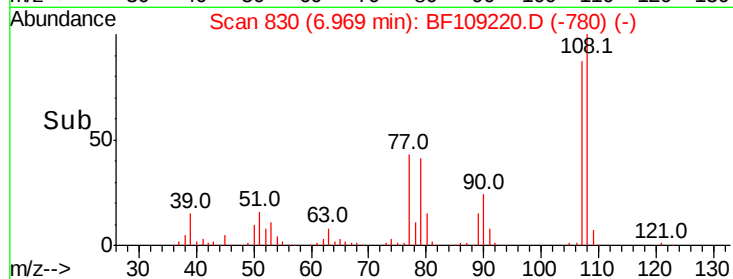
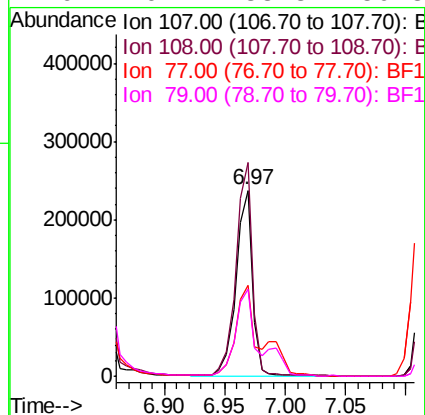
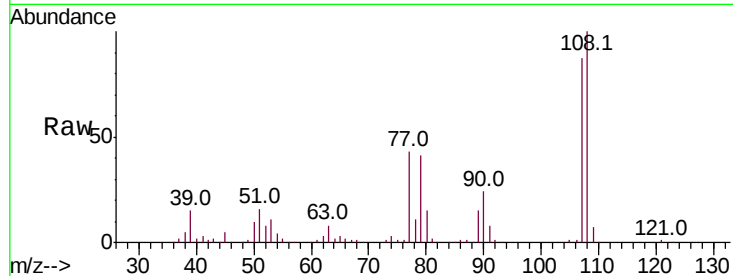
#17
2-Methylphenol
Concen: 41.095 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion:	107	Resp:	227443
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.7	137.5
77	48.9	33.8	50.8
79	46.7	33.8	50.8

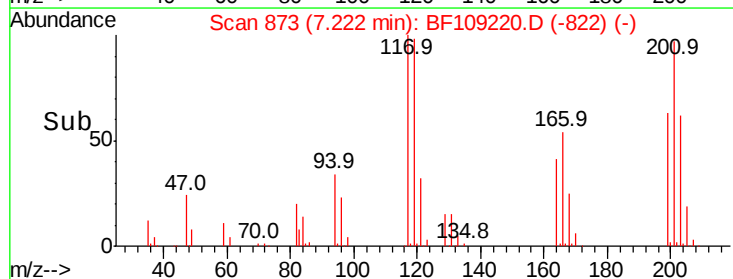
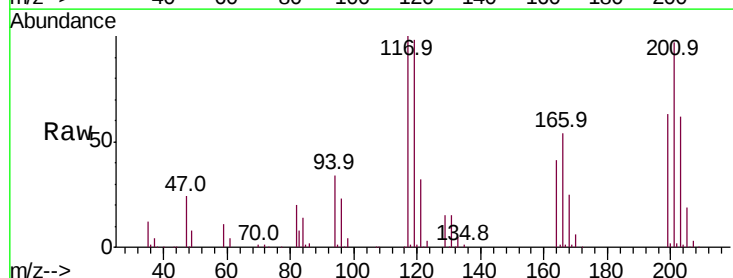
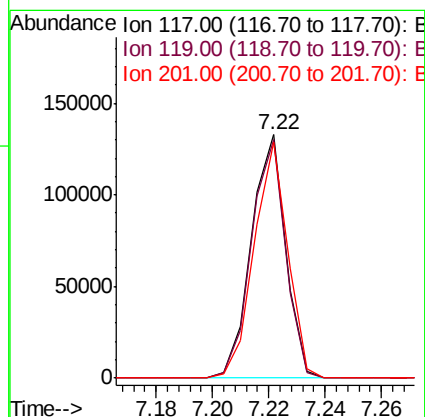
Manual Integrations
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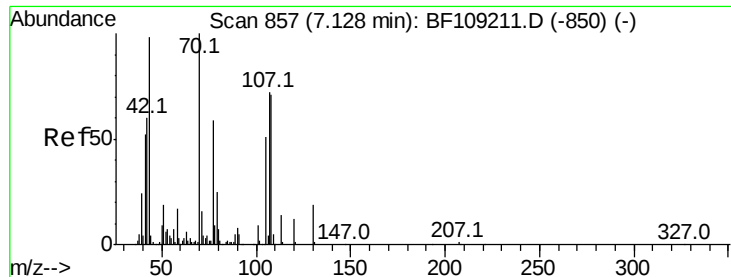
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#18
Hexachloroethane
Concen: 40.036 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion:	117	Resp:	111912
Ion Ratio	Lower	Upper	
117	100		
119	98.2	75.8	113.8
201	96.7	75.7	113.5





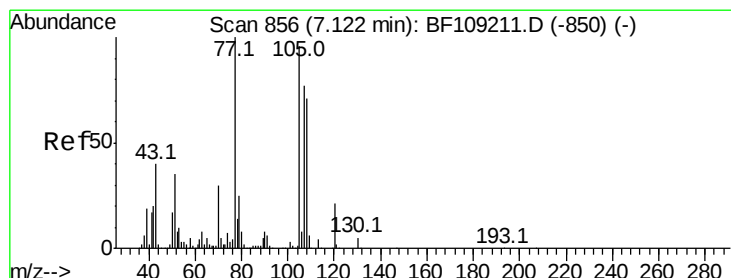
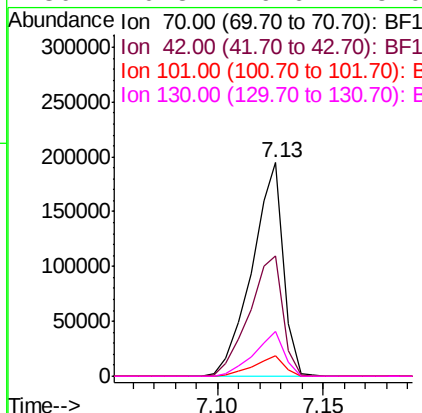
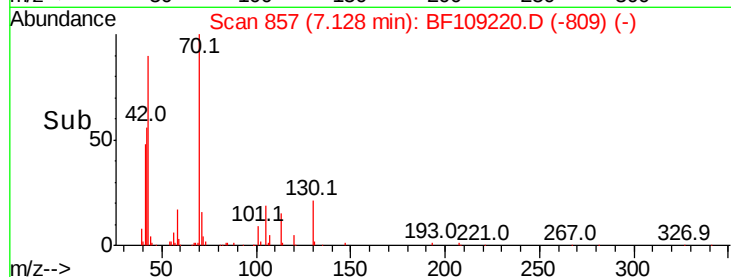
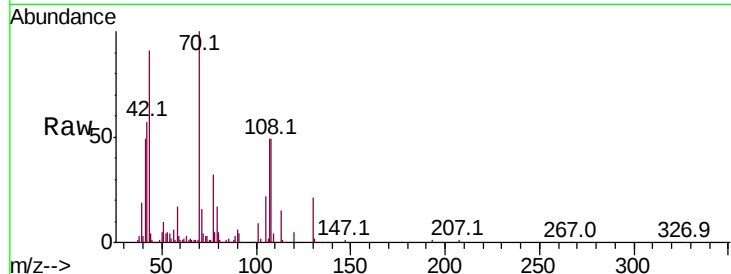
#19
n-Nitroso-di-n-propylamine
Concen: 38.822 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.5	71.3
101	9.4	7.4	11.2
130	20.8	16.6	25.0

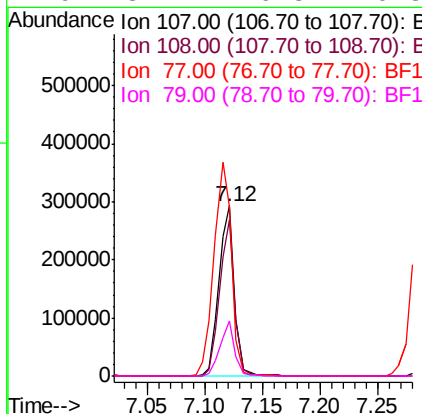
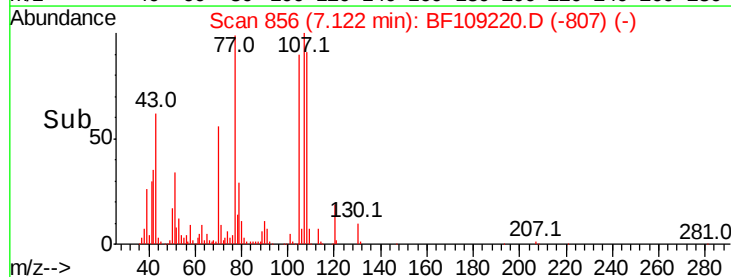
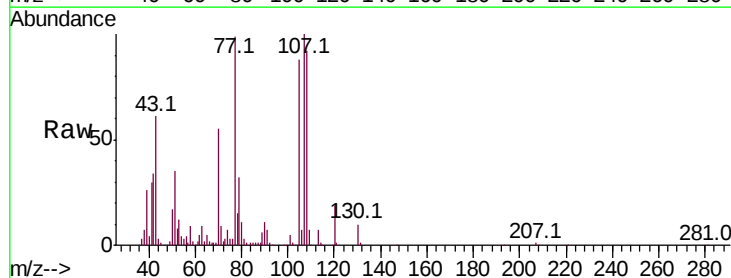
Manual Integrations
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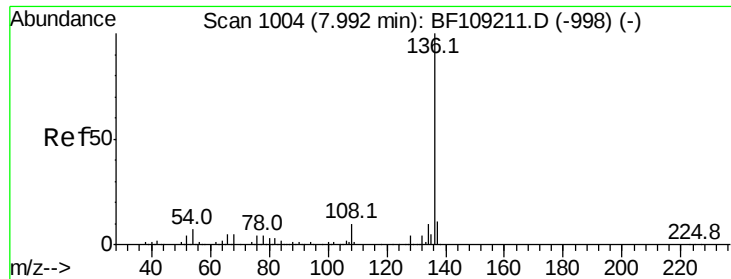
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#20
3+4-Methylphenols
Concen: 40.319 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.2	108.2
77	99.3	26.7	66.7#
79	32.4	6.3	46.3





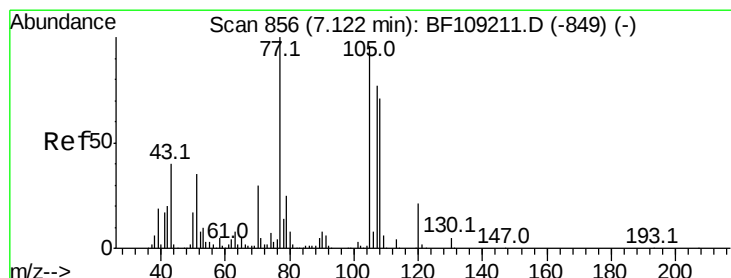
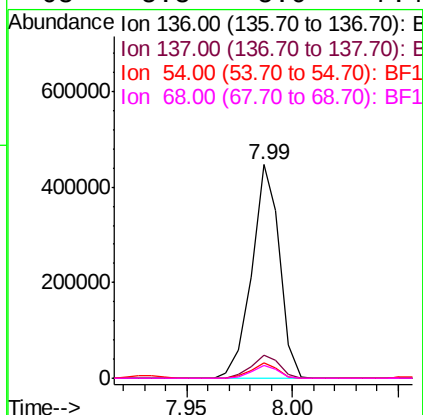
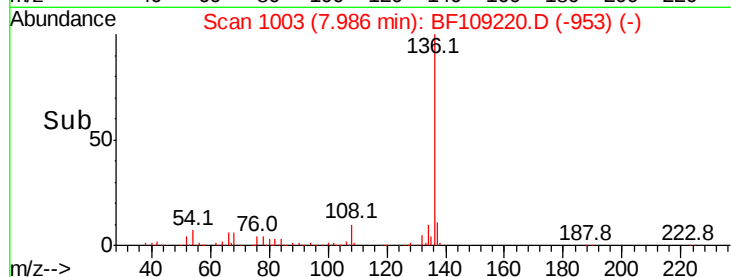
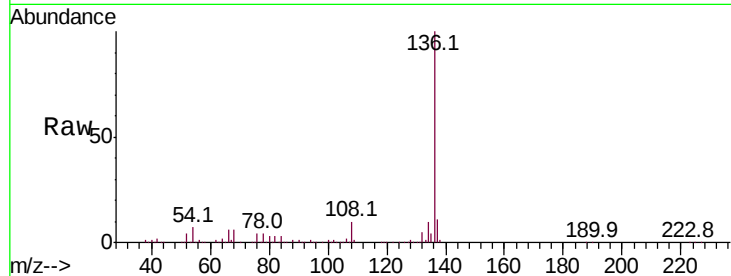
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.5	6.6	9.8	
68	5.8	5.0	7.4	

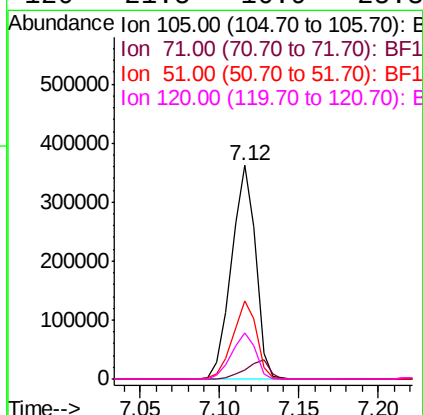
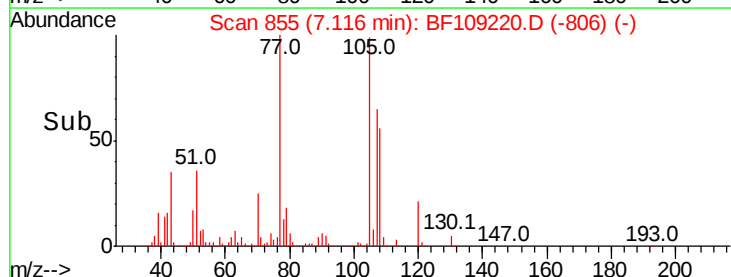
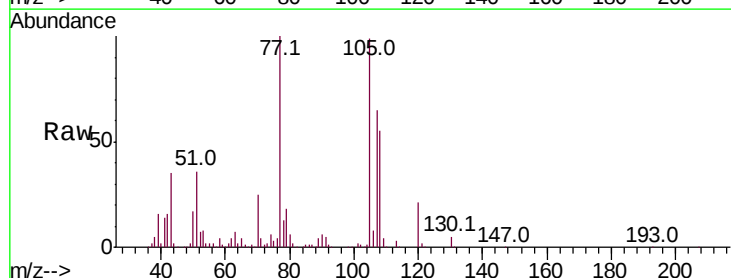
Manual Integrations
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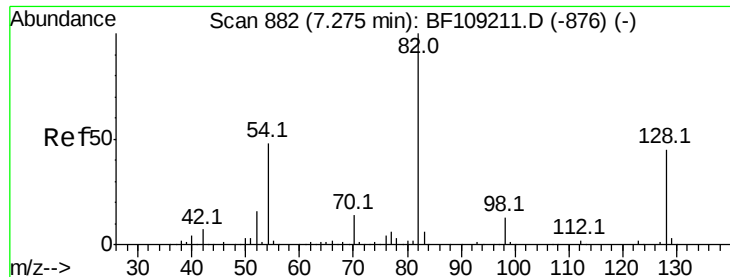
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#22
Acetophenone
Concen: 40.343 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	4.4	6.6#	
51	36.8	22.3	33.5#	
120	21.5	16.9	25.3	





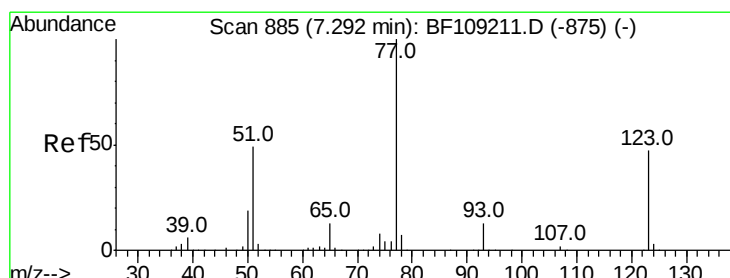
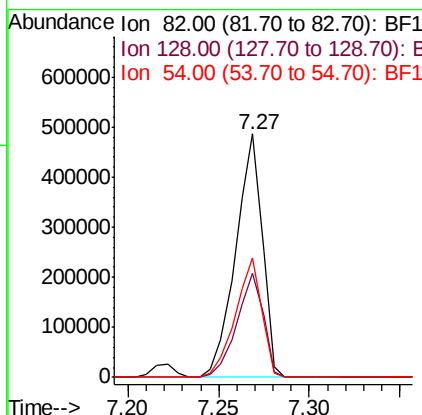
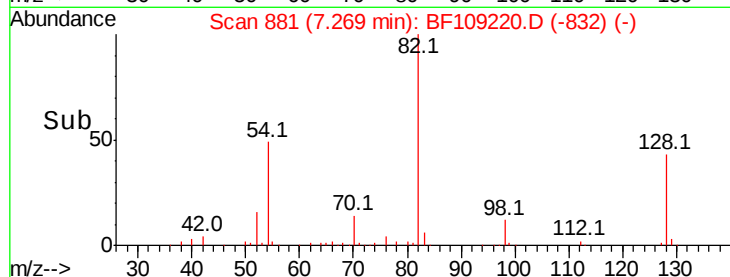
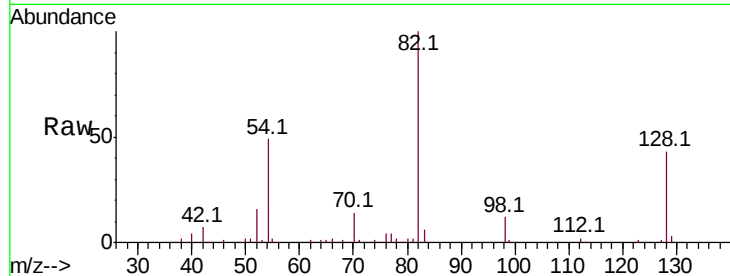
#23
Nitrobenzene-d5
Concen: 71.917 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	48.9	41.4	62.2

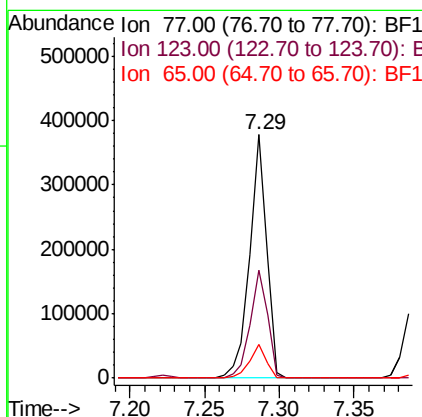
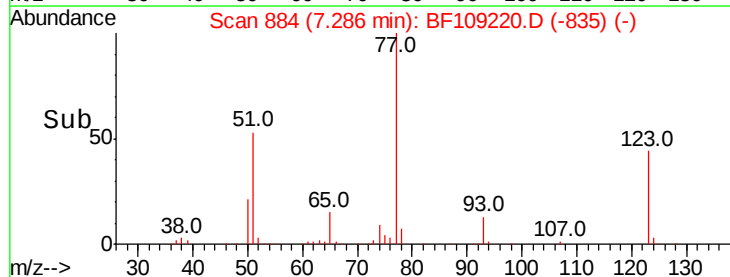
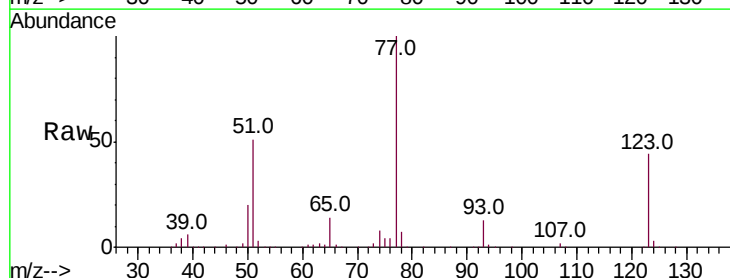
Manual Integrations
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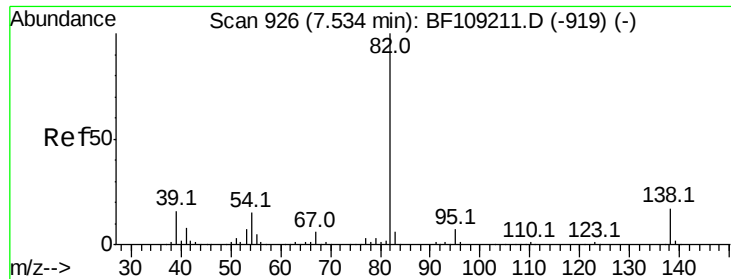
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#24
Nitrobenzene
Concen: 40.632 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 44.599 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

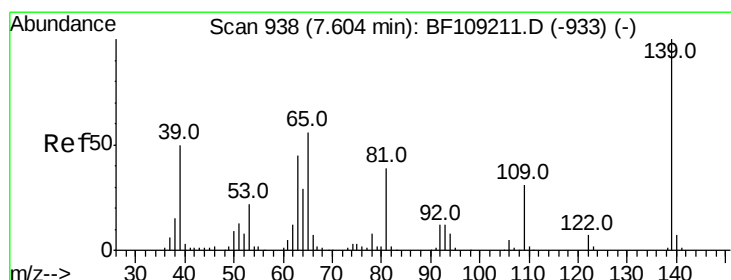
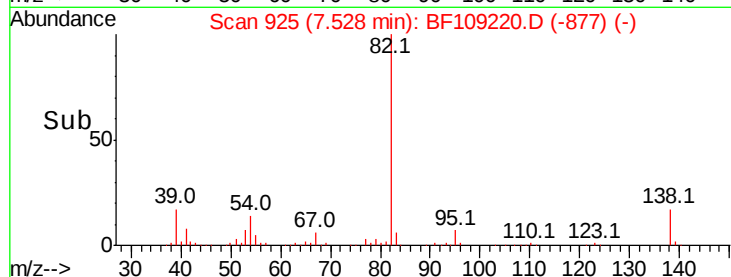
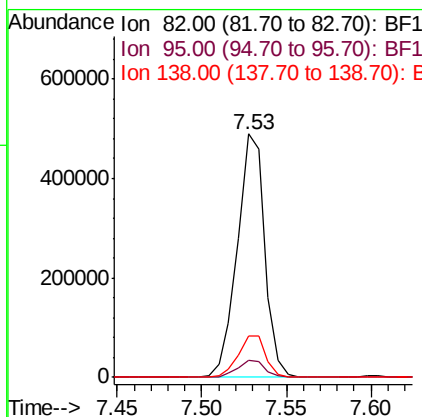
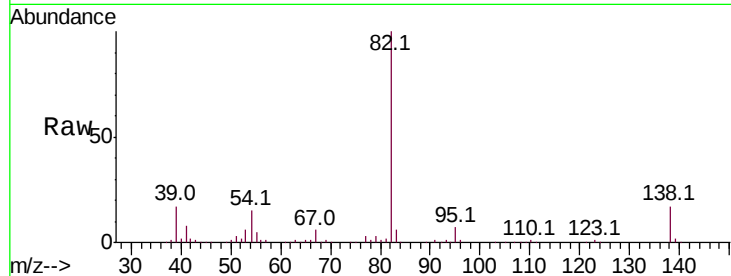
ClientSampleId :

PB113095BS

Tot Ion:	82	Resp:	554648
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	16.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.204 ng

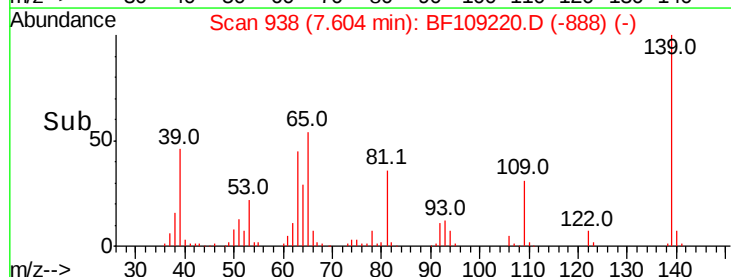
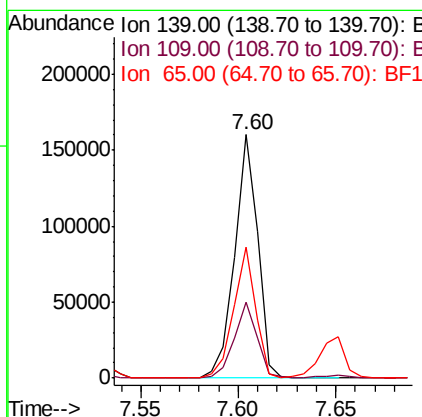
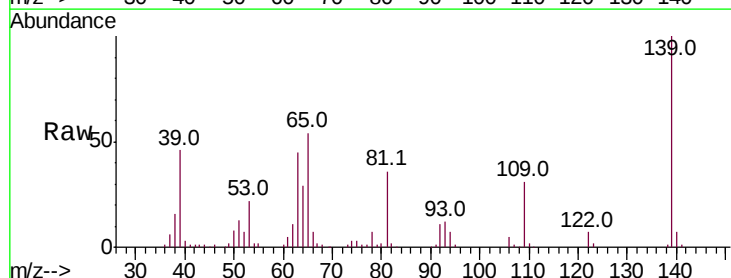
RT: 7.60 min Scan# 938

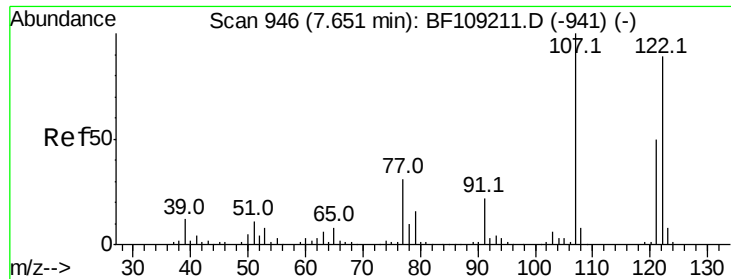
Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	139	Resp:	131272
Ion Ratio	Lower	Upper	
139	100		
109	31.3	22.7	34.1
65	53.8	40.5	60.7





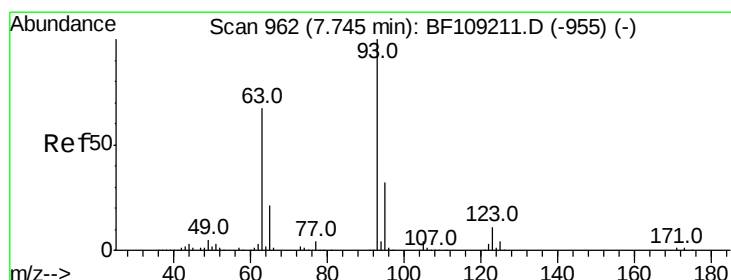
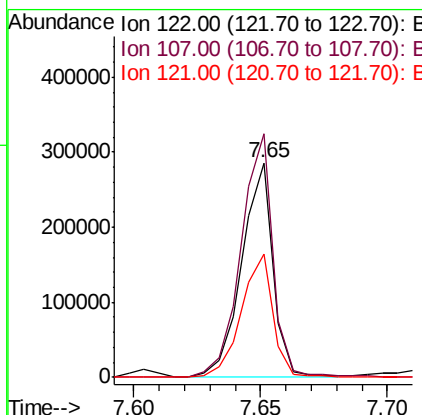
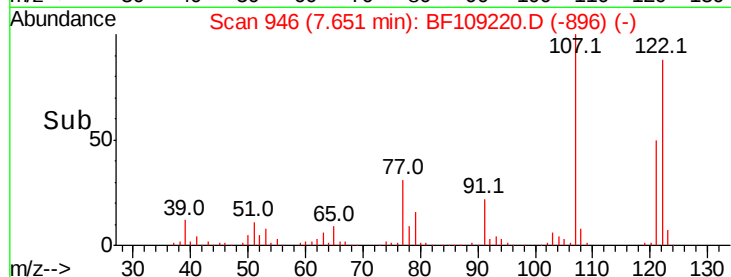
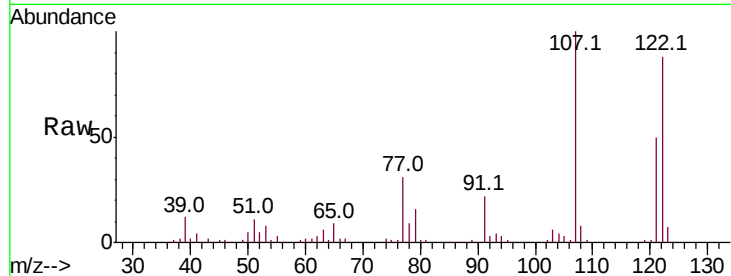
#27
 2,4-Dimethylphenol
 Concen: 45.310 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	245524		
107	113.6	91.2	136.8	
121	57.3	47.2	70.8	

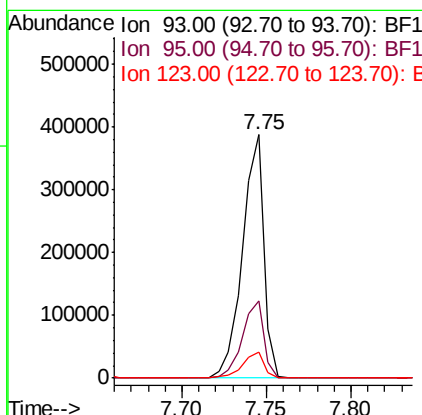
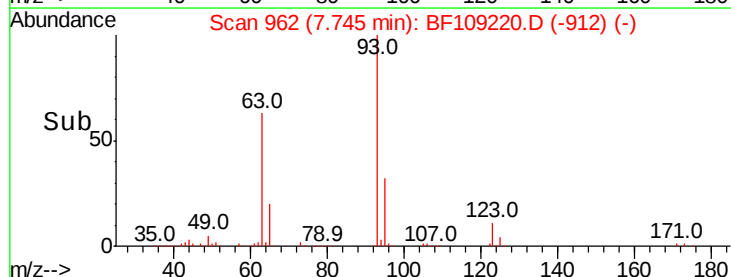
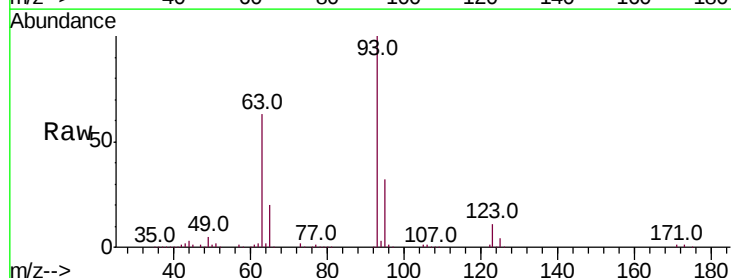
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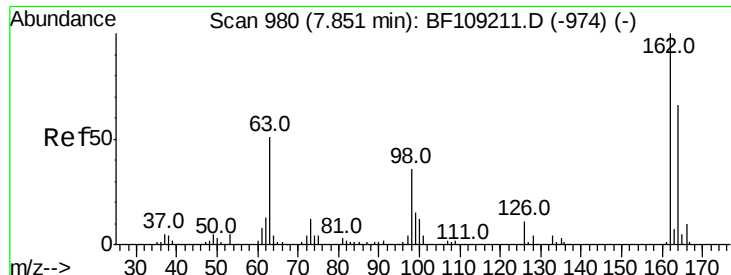
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.611 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	342556		
95	31.9	26.3	39.5	
123	10.7	9.8	14.6	





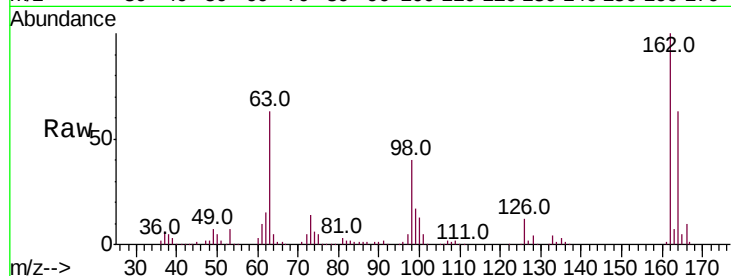
#29
 2,4-Dichlorophenol
 Concen: 41.214 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

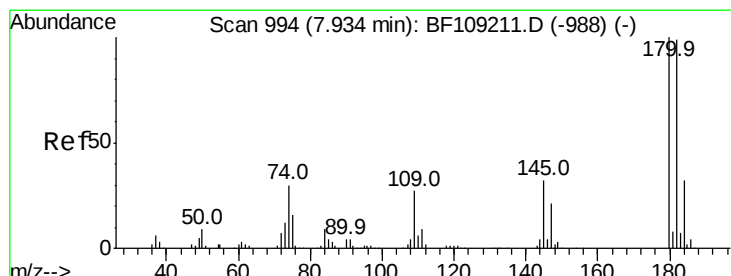
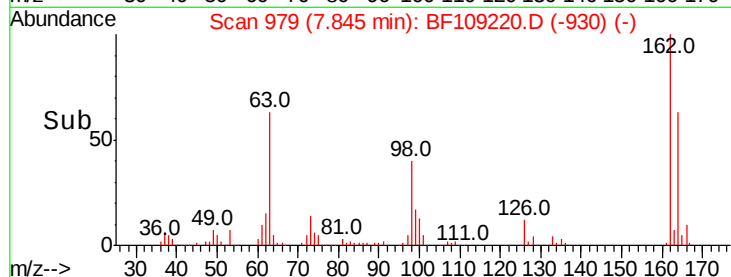
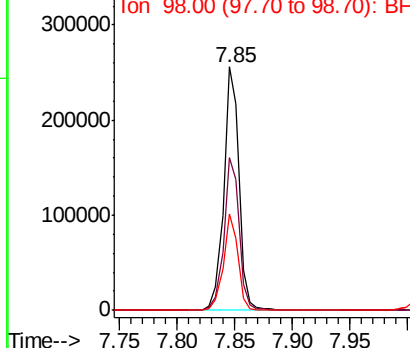
Tot Ion:	162	Resp:	234644
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	39.8	18.1	58.1

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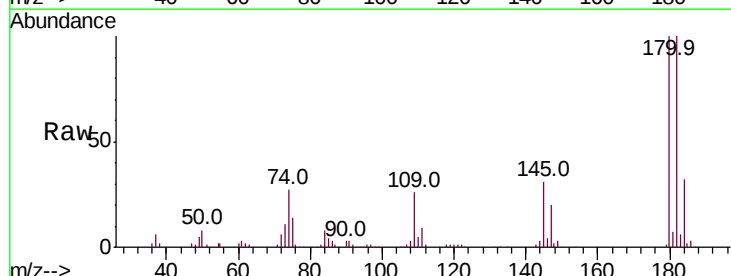


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

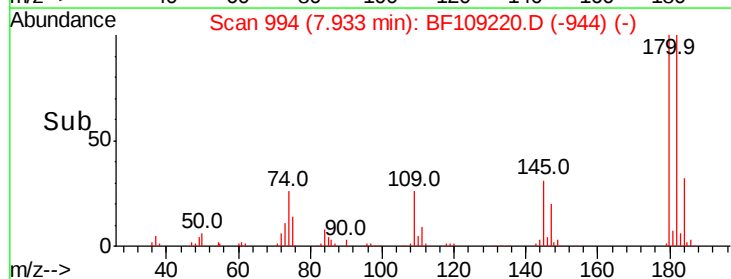
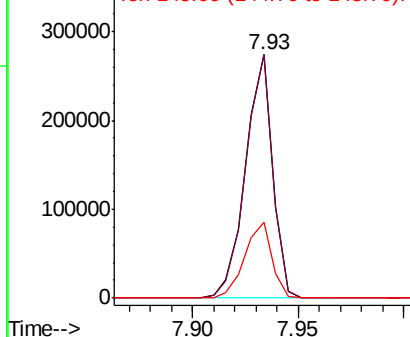


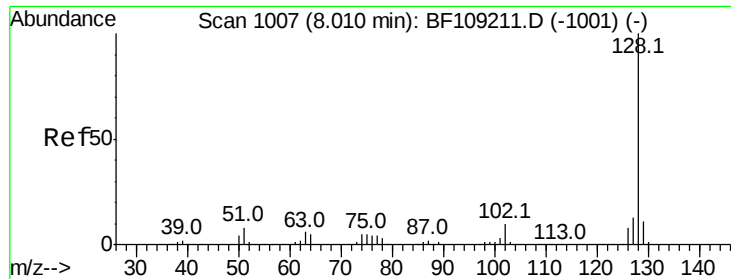
#30
 1,2,4-Trichlorobenzene
 Concen: 38.361 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion:	180	Resp:	244042
Ion Ratio	Lower	Upper	
180	100		
182	100.0	76.8	115.2
145	31.1	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





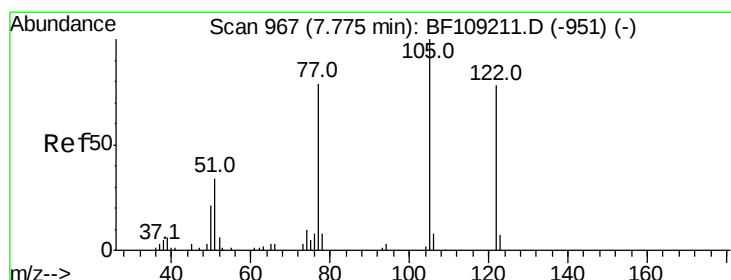
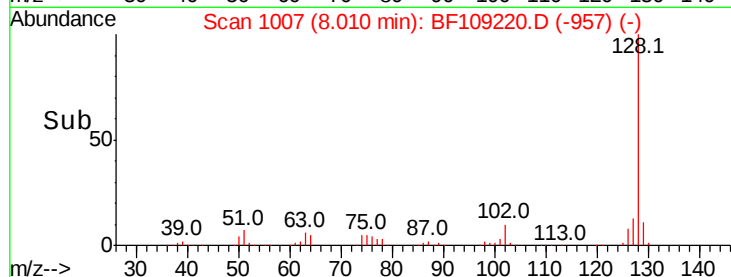
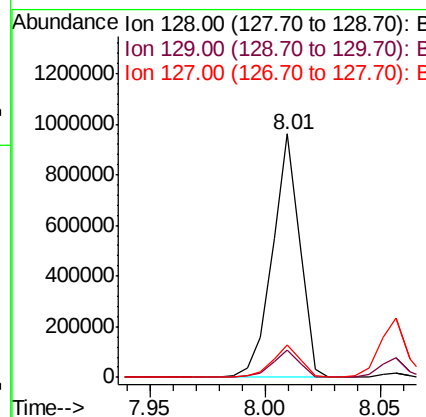
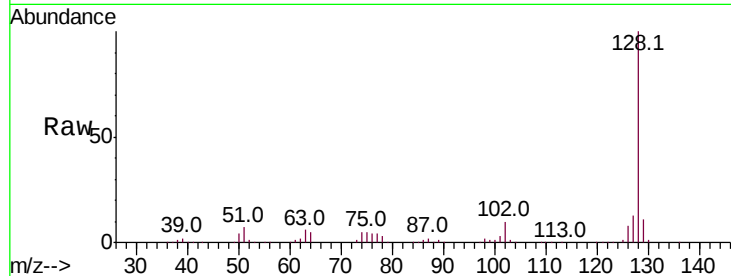
#31
Naphthalene
Concen: 41.461 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.4	10.9	16.3	

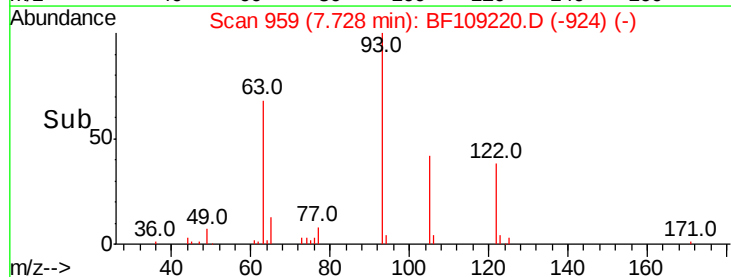
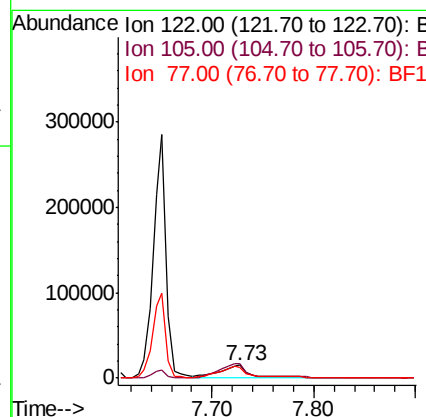
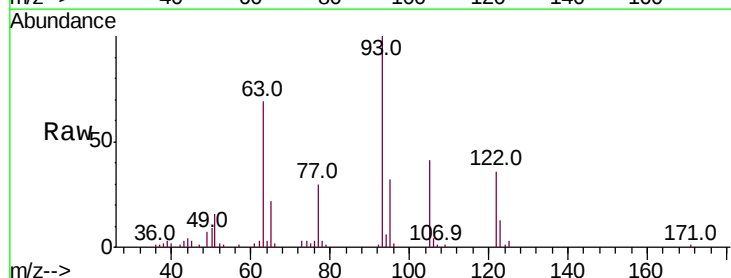
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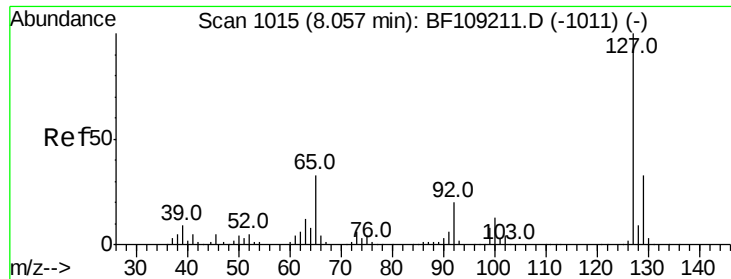
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#32
Benzoic acid
Concen: 14.296 ng m
RT: 7.73 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	113.6	101.1	141.1	
77	82.7	70.7	110.7	





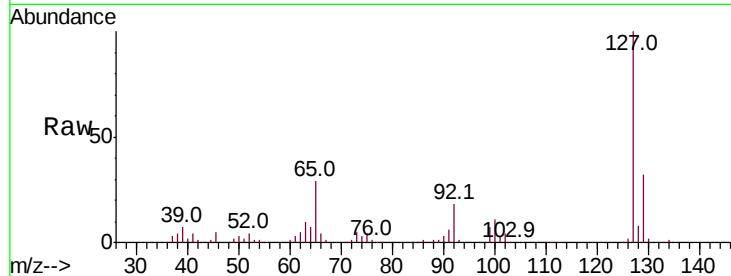
#33
4-Chloroaniline
Concen: 22.684 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

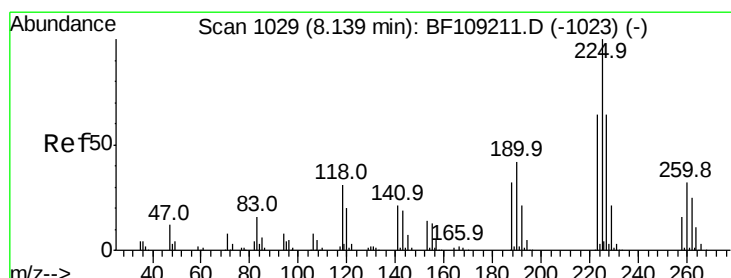
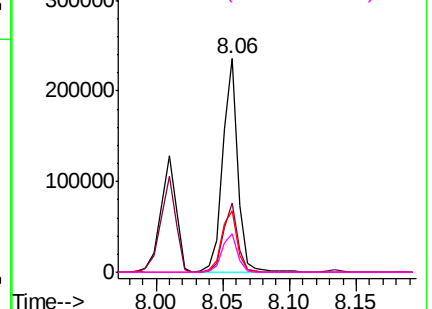
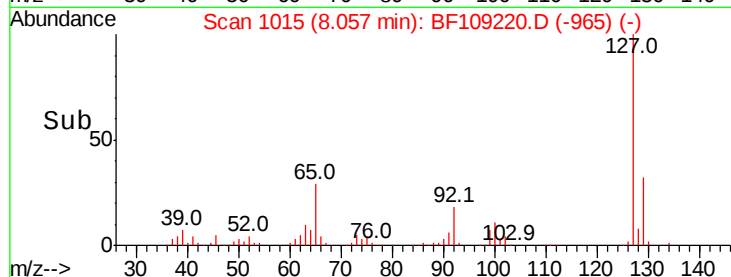
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		188787		
129	32.1	25.9	38.9		
65	28.6	25.0	37.4		
92	18.2	15.2	22.8		

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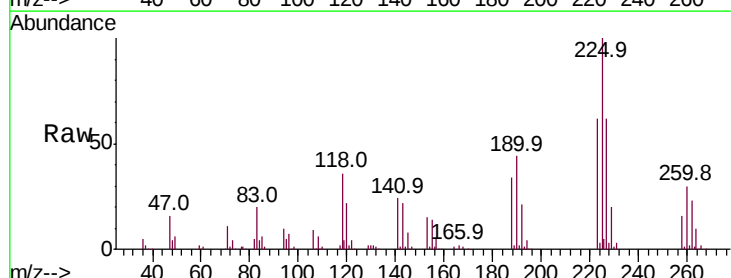


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

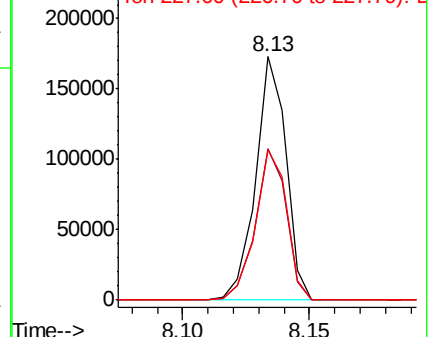
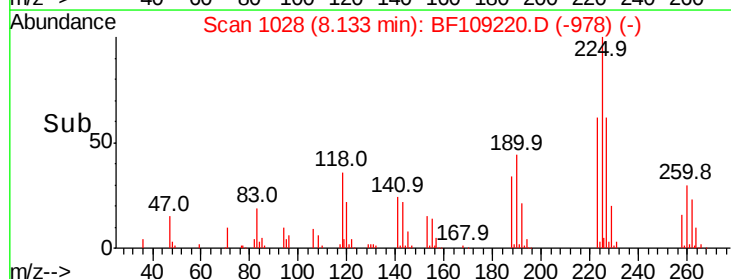


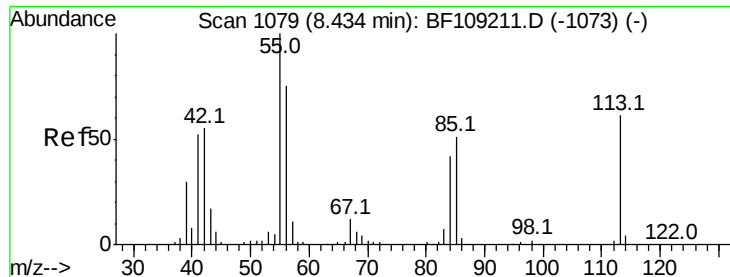
#34
Hexachlorobutadiene
Concen: 37.858 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		145194		
223	62.5	50.6	76.0		
227	61.5	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





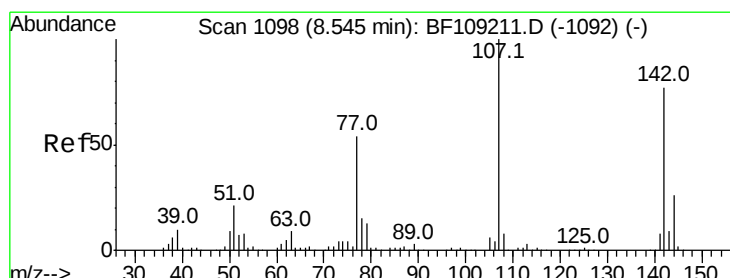
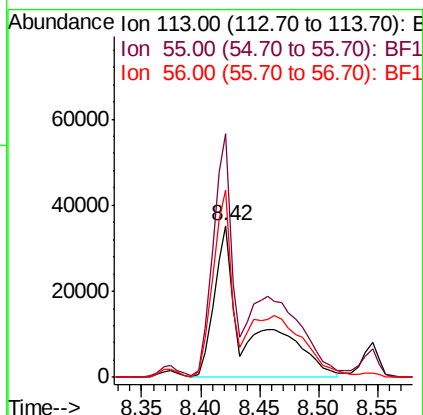
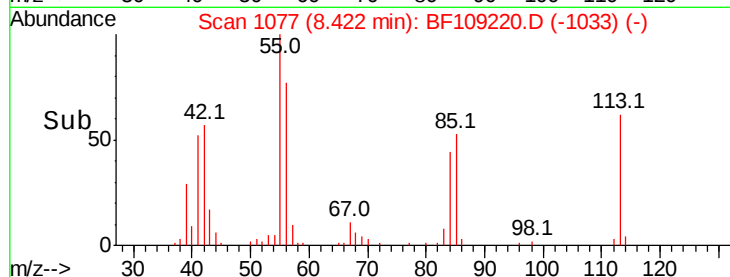
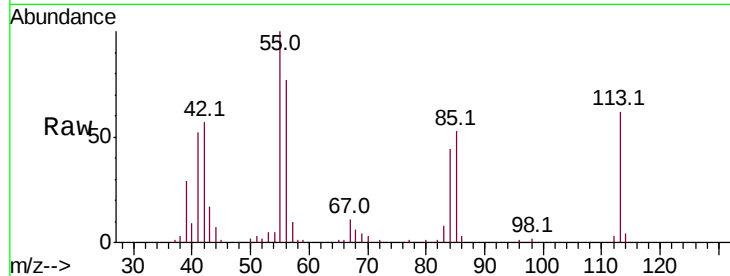
#35
 Caprolactam
 Concen: 40.181 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleID :
 PB113095BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.3	163.3	203.3#
56	123.1	115.7	155.7

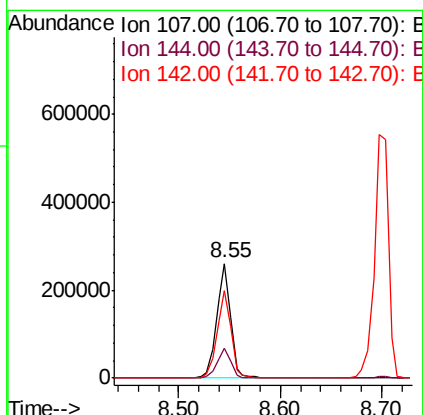
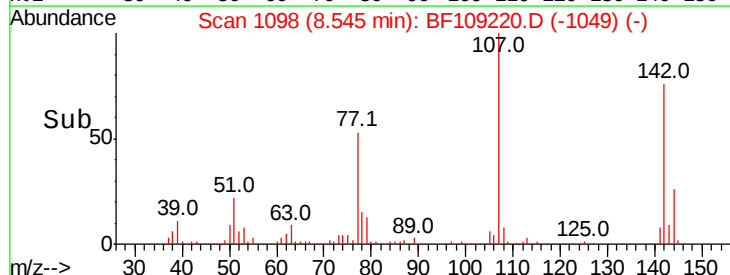
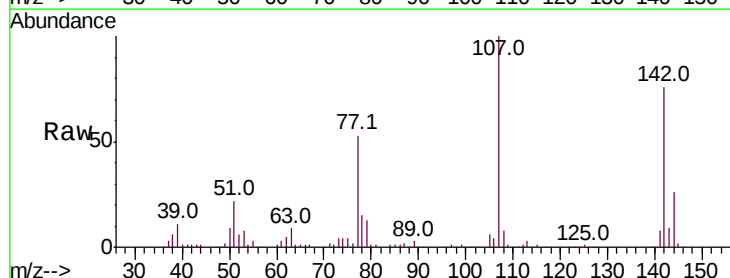
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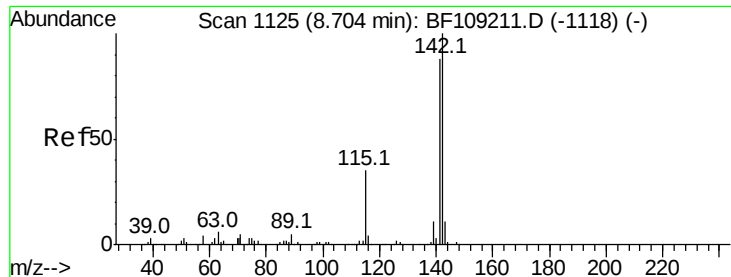
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#36
 4-Chloro-3-methylphenol
 Concen: 41.798 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	76.4	62.0	93.0





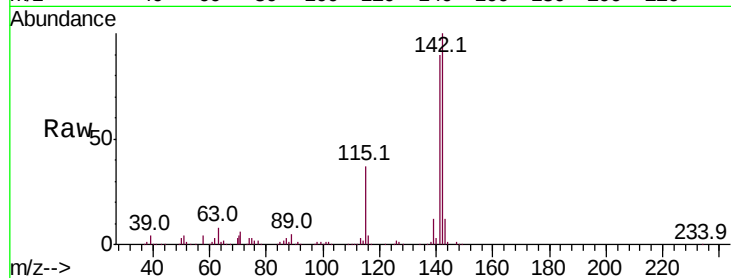
#37
2-Methylnaphthalene
Concen: 43.277 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	531493		
141	89.6	70.8	106.2	
115	36.6	26.1	39.1	

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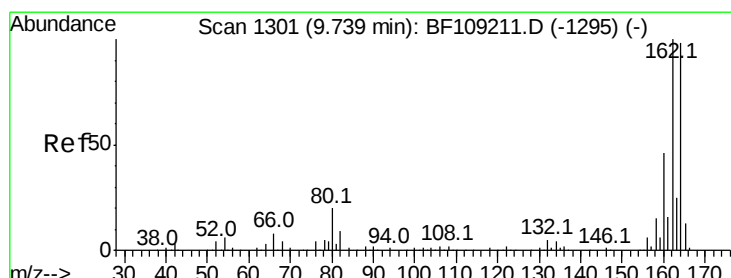
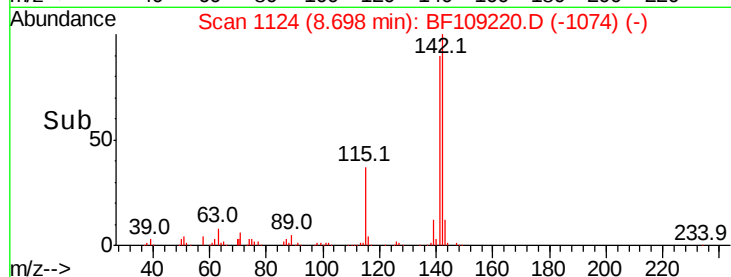
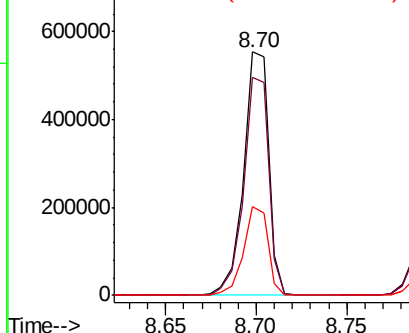


Abundance

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: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

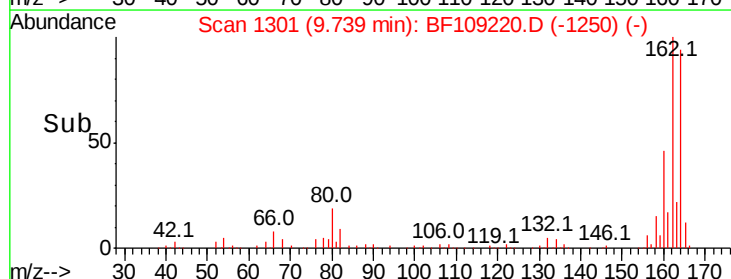
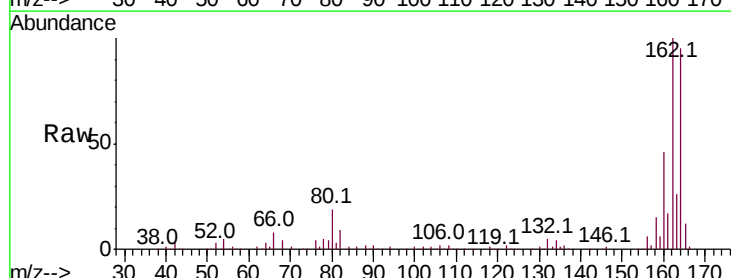
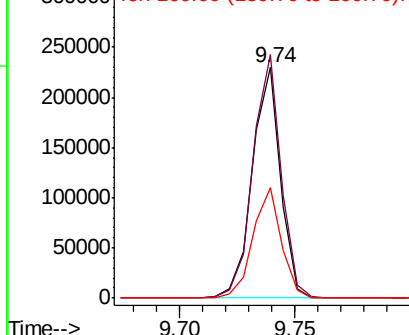
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195800		
162	105.6	86.1	129.1	
160	48.1	38.3	57.5	

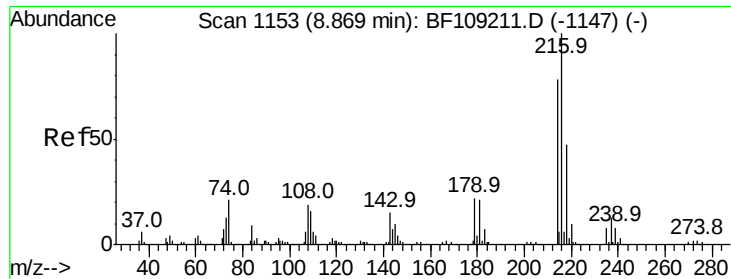
Abundance

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





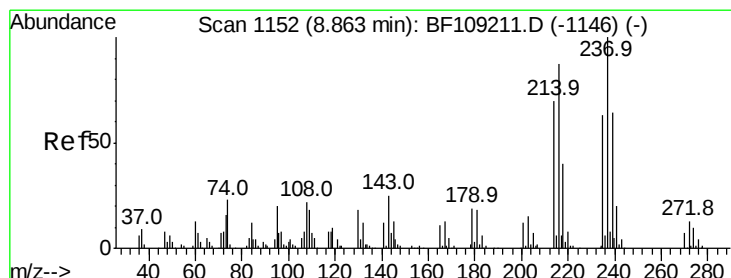
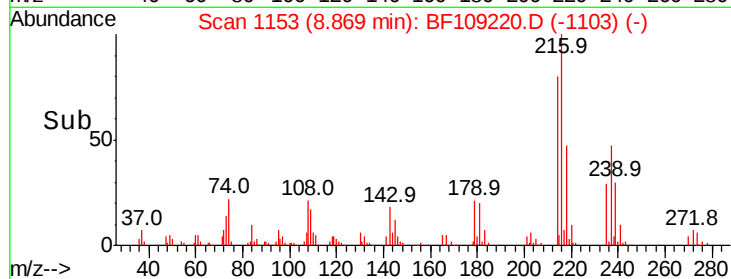
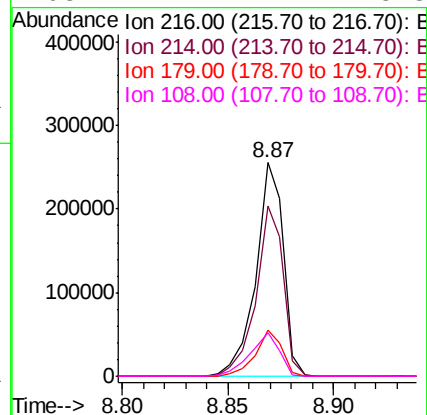
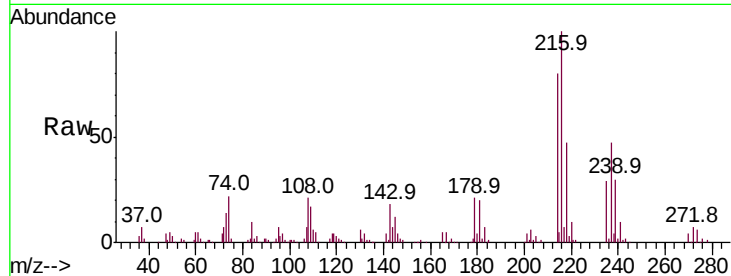
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.213 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	231887		
214	79.1	63.0	94.4	
179	20.7	18.1	27.1	
108	22.1	17.2	25.8	

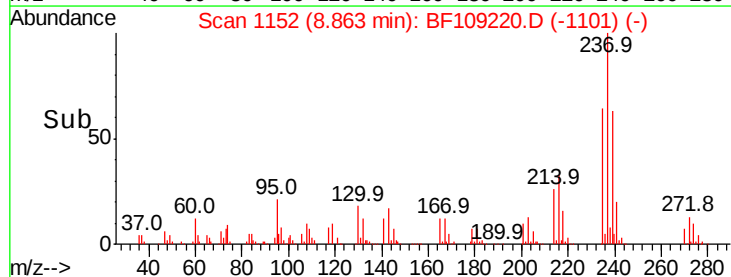
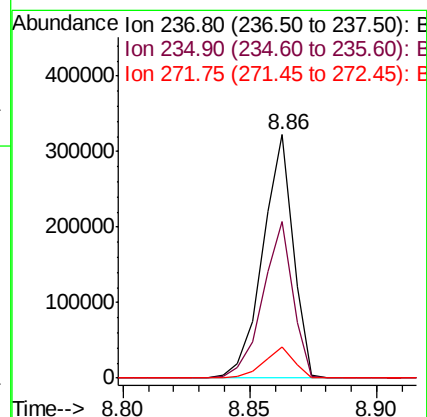
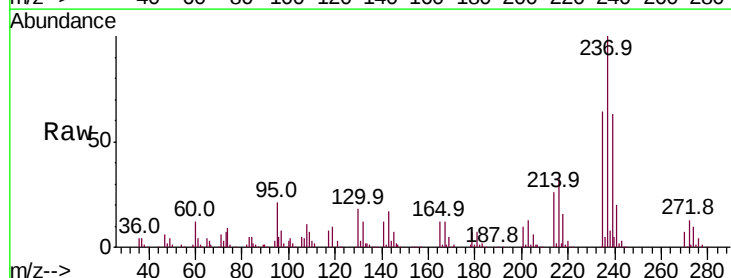
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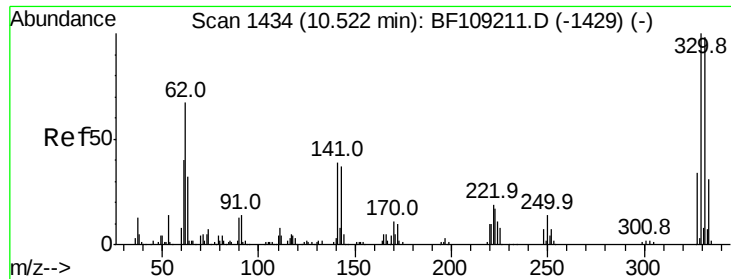
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#40
 Hexachlorocyclopentadiene
 Concen: 99.814 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	271288		
235	64.1	44.8	84.8	
272	12.7	0.0	33.3	





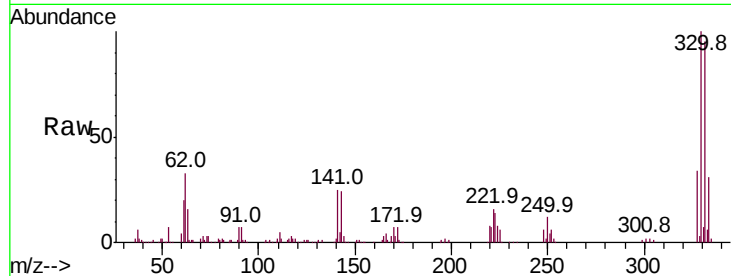
#41
 2,4,6-Tribromophenol
 Concen: 110.078 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

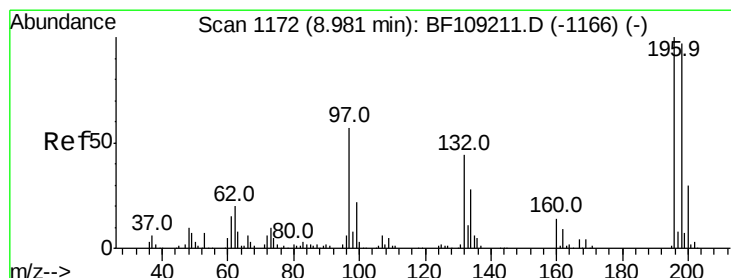
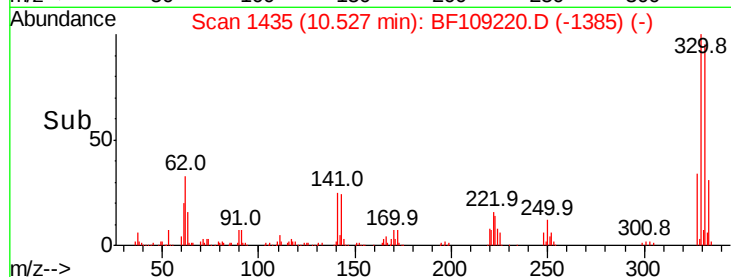
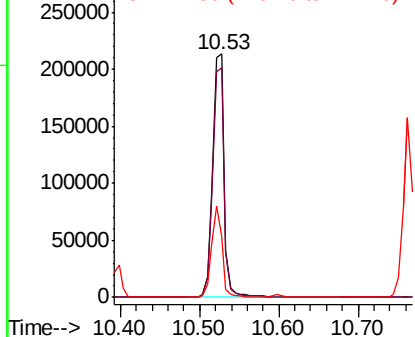
Tot Ion	Ratio	Resp	Lower	Upper
330	100	212471		
332	94.6	77.0	115.6	
141	34.3	29.9	44.9	

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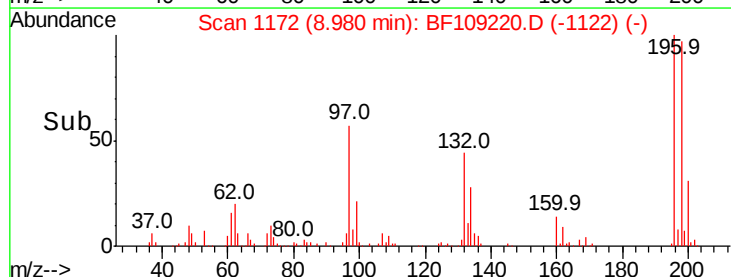
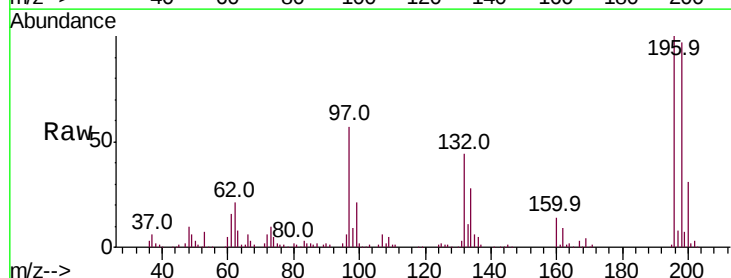
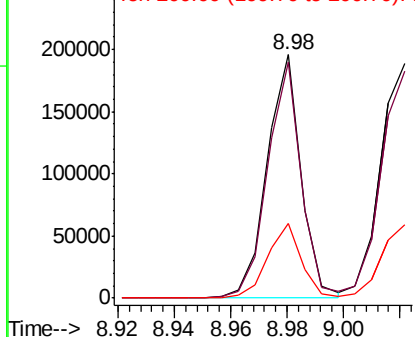
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

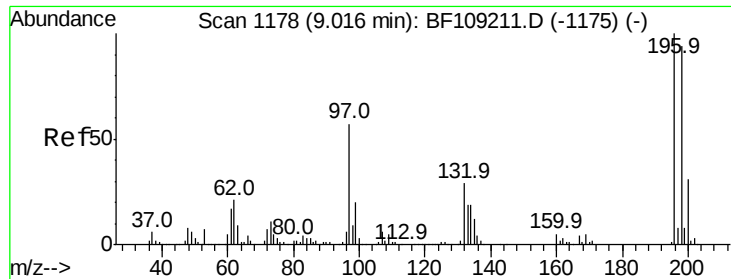


#42
 2,4,6-Trichlorophenol
 Concen: 40.823 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163267		
198	97.1	75.7	113.5	
200	30.7	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





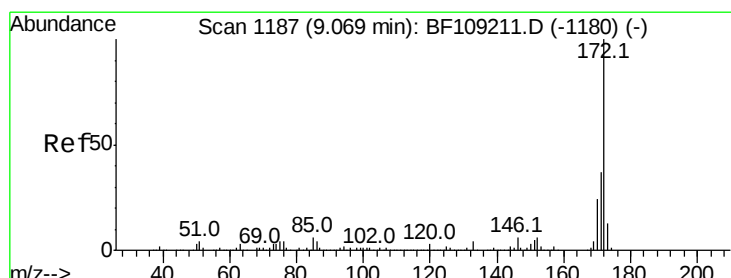
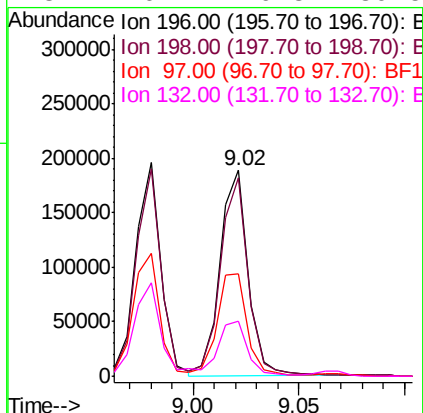
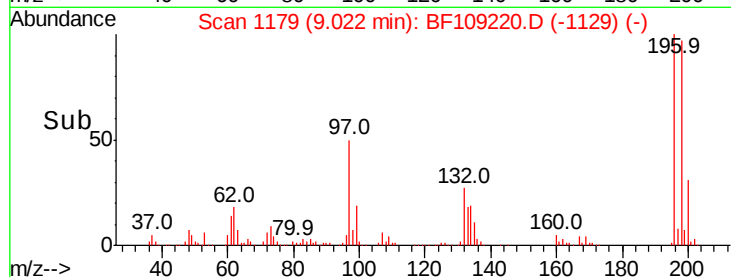
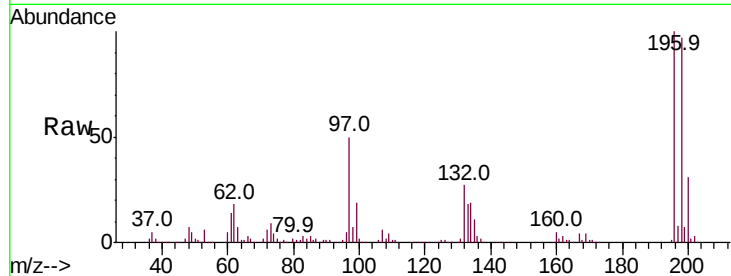
#43
 2,4,5-Trichlorophenol
 Concen: 41.022 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173271		
198	96.6		74.6	112.0
97	49.9		42.9	64.3
132	26.7		26.3	39.5

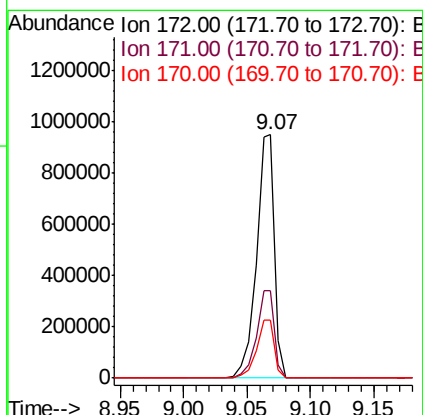
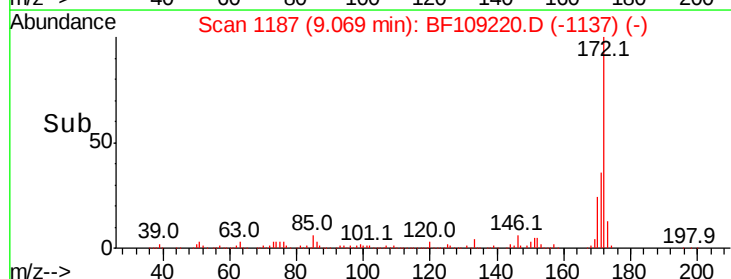
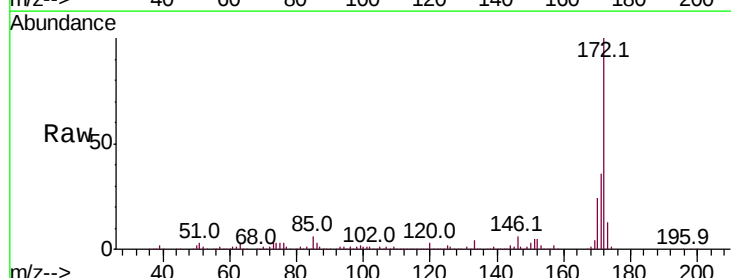
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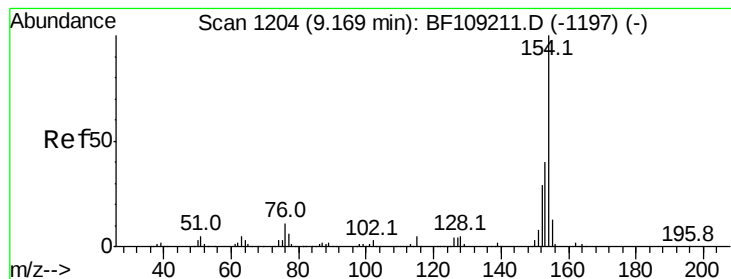
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#44
 2-Fluorobiphenyl
 Concen: 72.807 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	945217		
171	35.8		29.7	44.5
170	23.9		19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.026 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

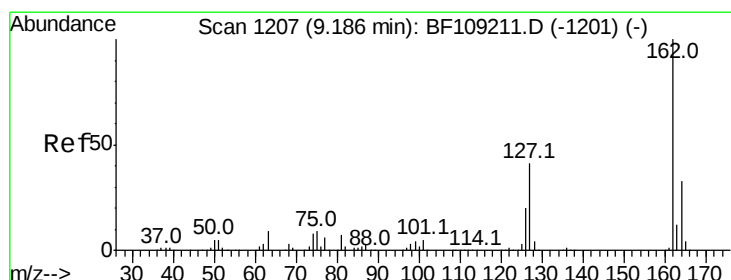
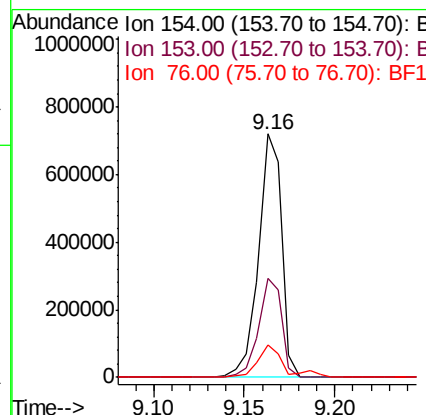
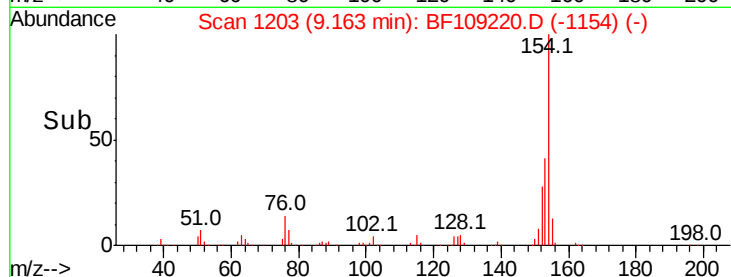
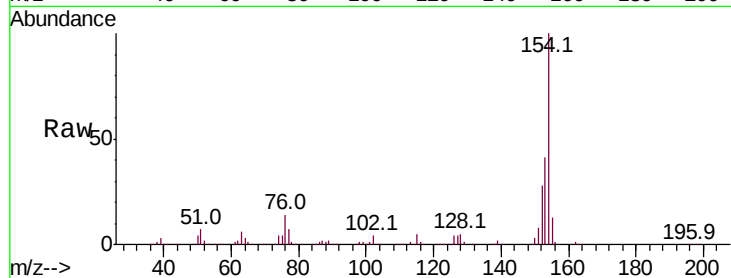
ClientSampleId :

PB113095BS

Tot Ion:	154	Resp:	638541
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	13.6	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 38.725 ng

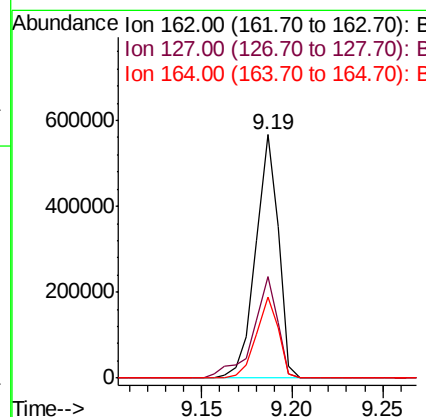
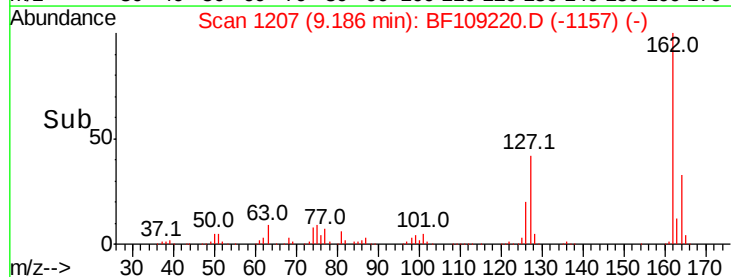
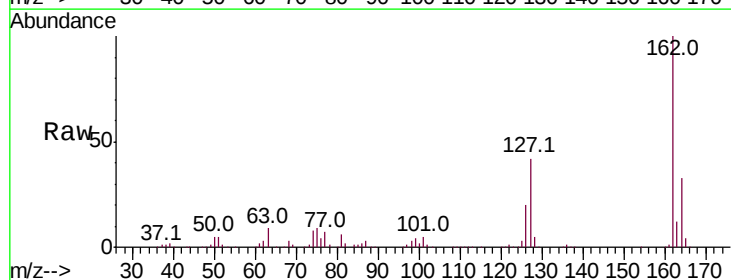
RT: 9.19 min Scan# 1207

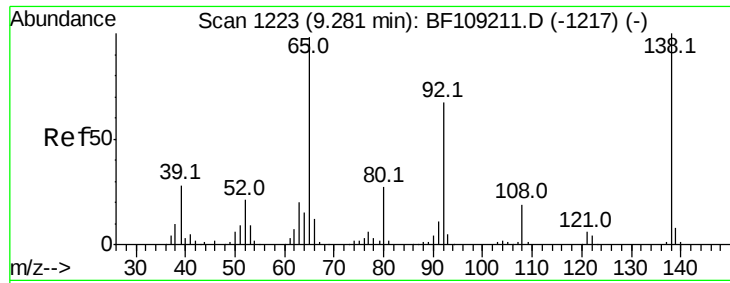
Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	162	Resp:	493534
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.9	50.9
164	33.1	26.5	39.7





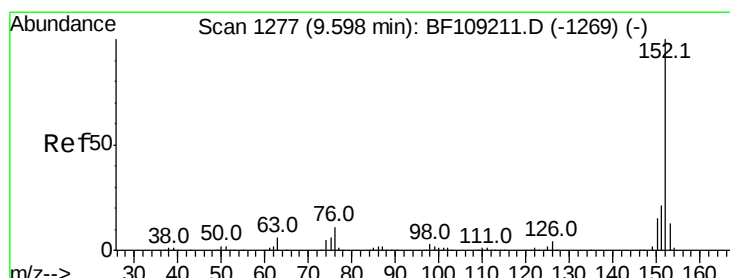
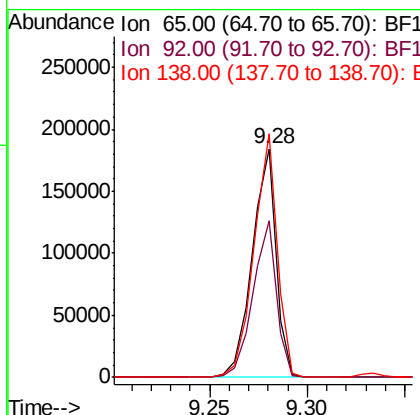
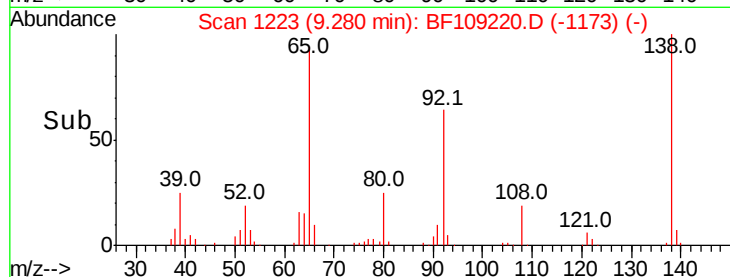
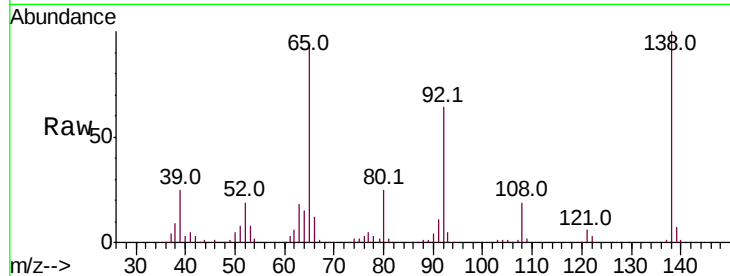
#47
 2-Nitroaniline
 Concen: 43.309 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion:	65	Resp:	156489
Ion Ratio	Lower	Upper	
65	100		
92	68.3	55.8	83.6
138	106.5	91.2	136.8

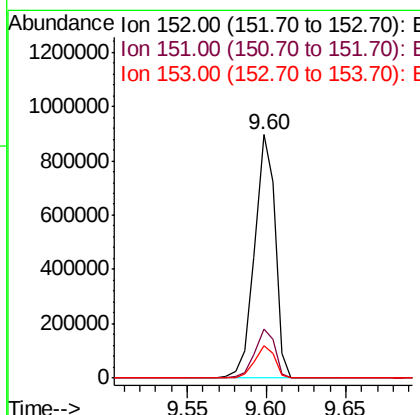
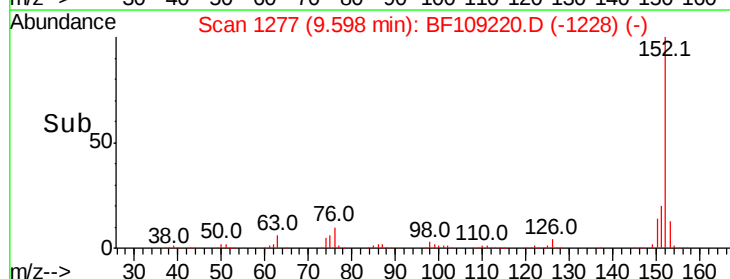
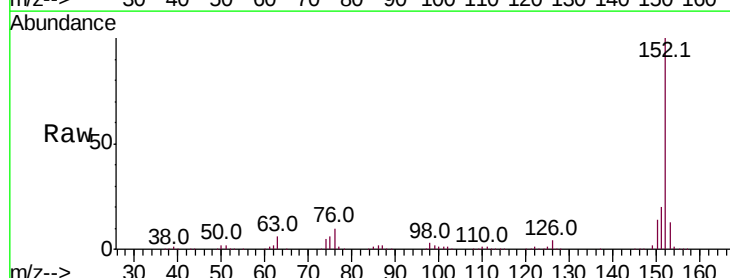
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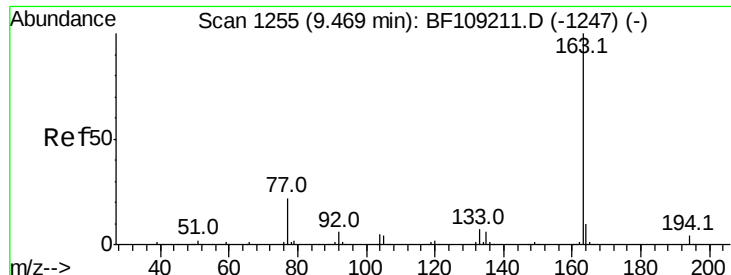
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#48
 Acenaphthylene
 Concen: 42.010 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion:	152	Resp:	807700
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.3	10.7	16.1





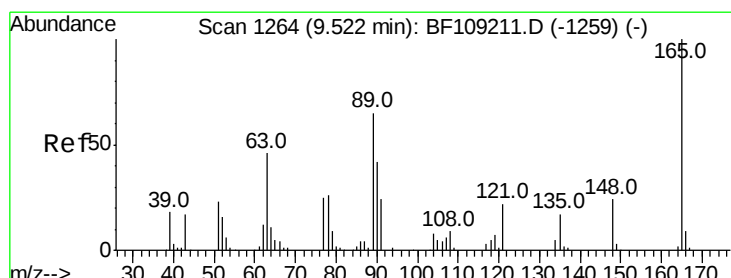
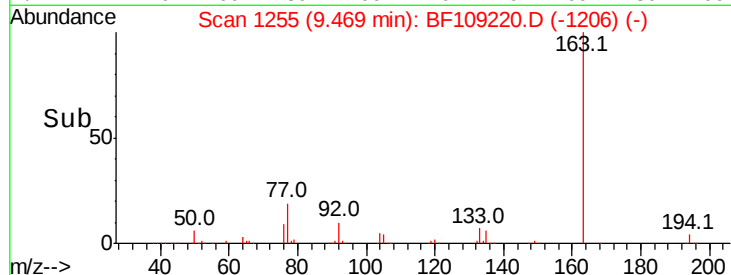
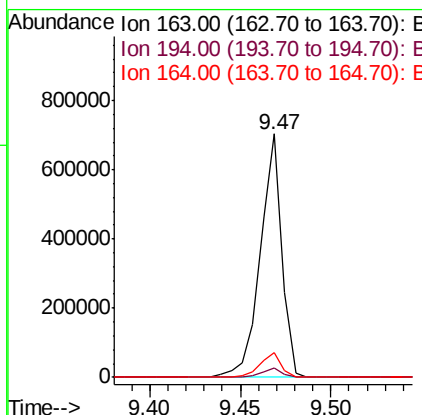
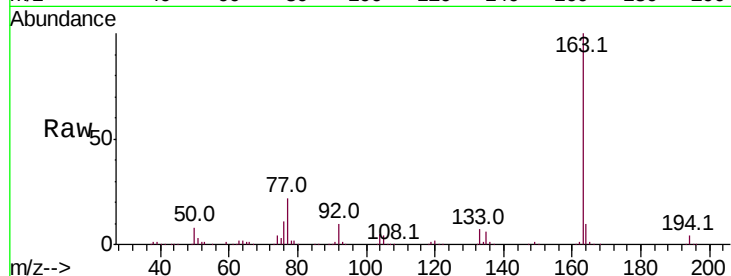
#49
Dimethylphthalate
Concen: 40.913 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.0	8.2	12.2	

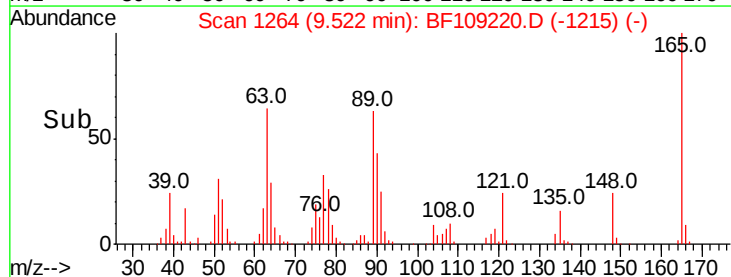
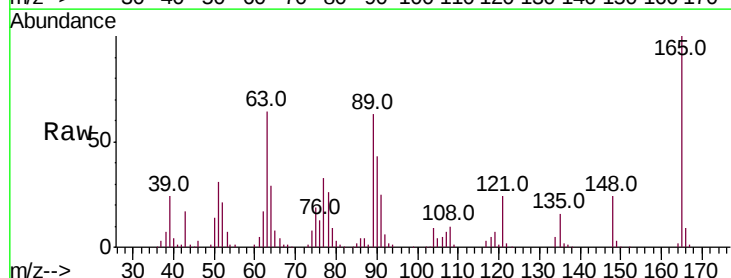
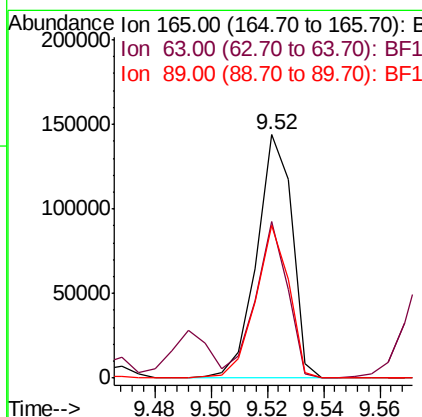
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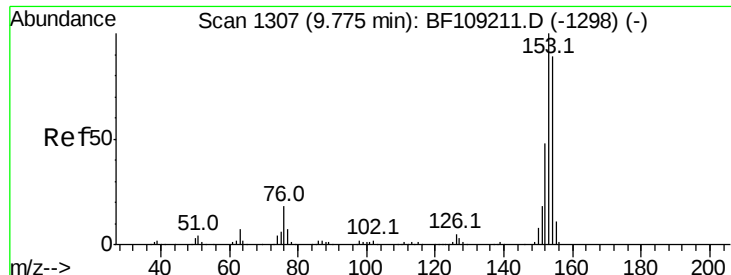
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#50
2,6-Dinitrotoluene
Concen: 44.388 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.5	44.7	67.1	
89	62.8	44.0	66.0	





#51

Acenaphthene

Concen: 41.717 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

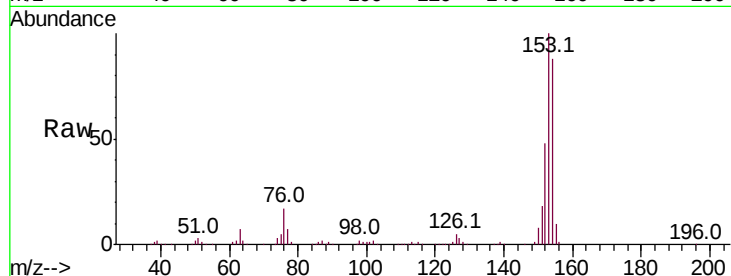
ClientSampleId :

PB113095BS

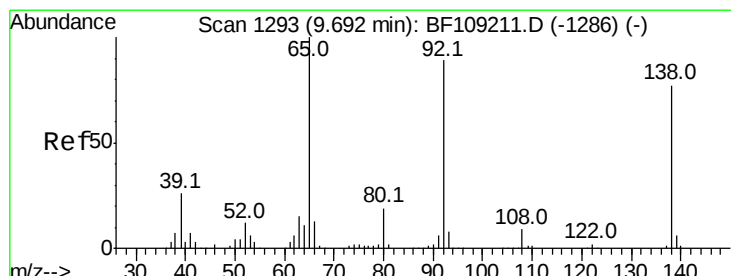
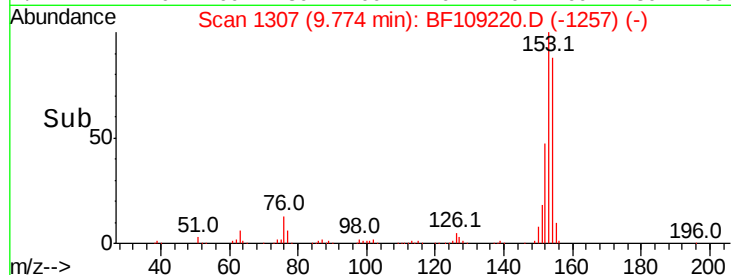
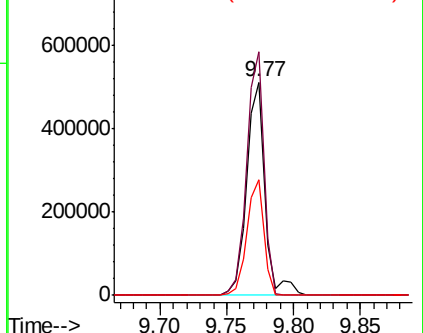
Tot Ion:	154	Resp:	484917
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.2	43.8	65.8

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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: 32.866 ng

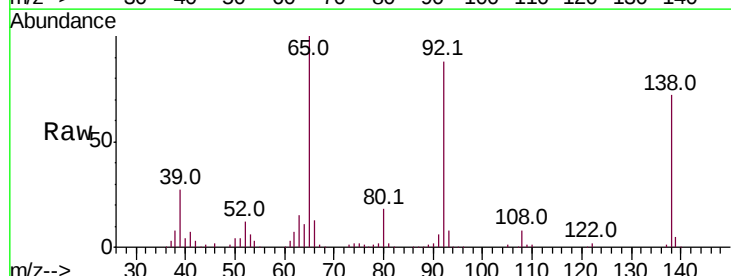
RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

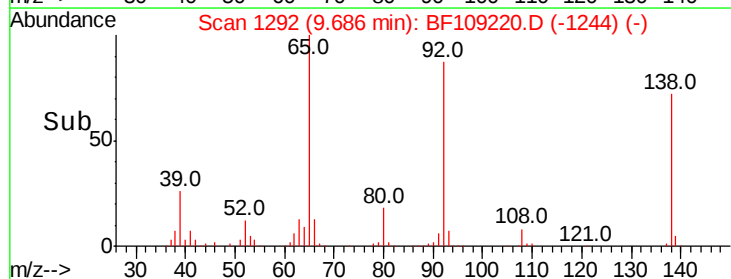
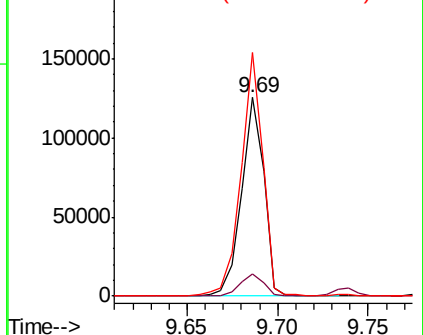
Lab File: BF109220.D

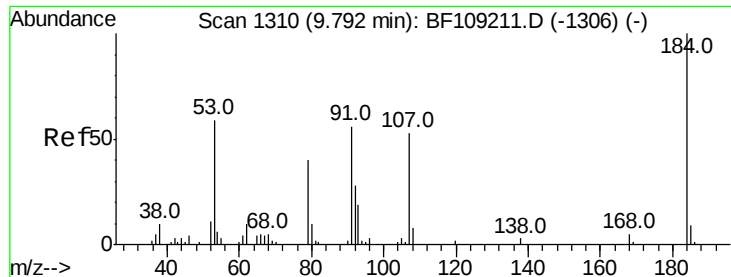
Acq: 22 Sep 2018 14:48

Tgt Ion:	138	Resp:	107352
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.0
92	122.7	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





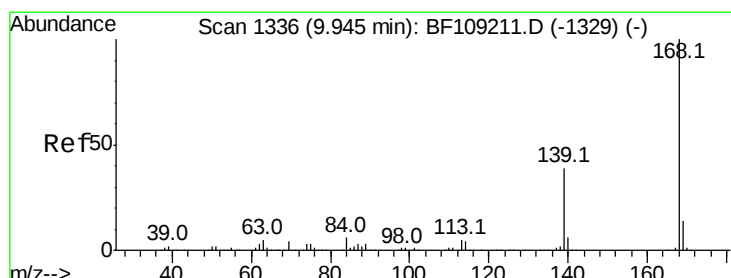
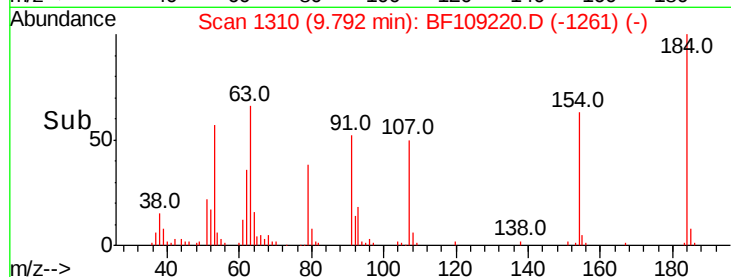
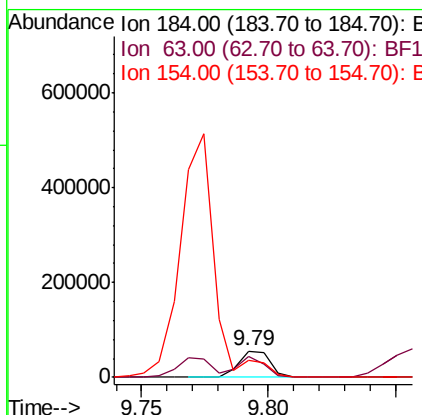
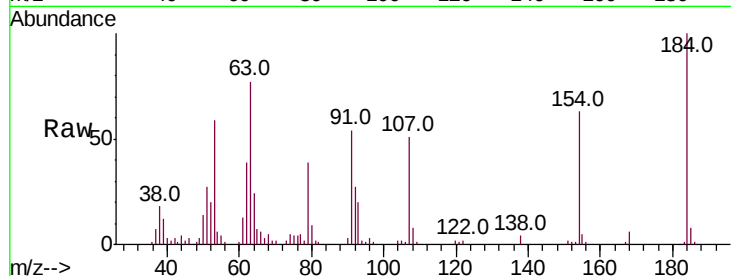
#53
2,4-Dinitrophenol
Concen: 53.503 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.6	54.2	81.2
154	62.9	184.0	276.0#

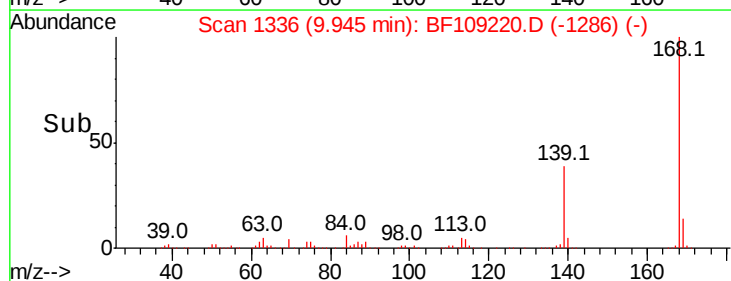
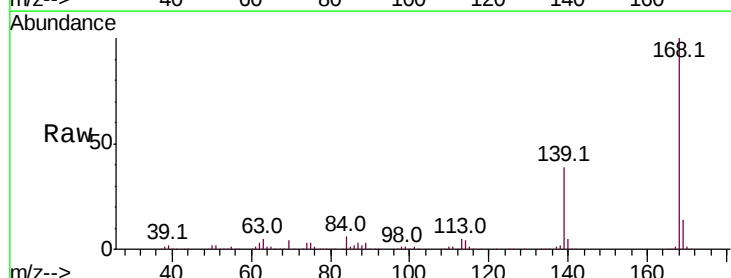
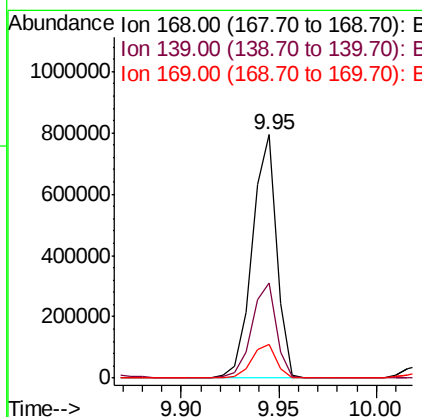
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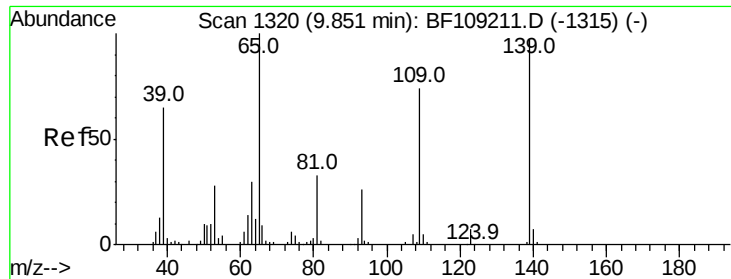
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#54
Dibenzofuran
Concen: 39.736 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	13.9	10.9	16.3





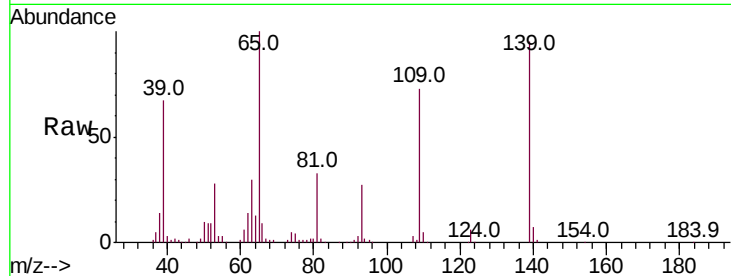
#55
4-Nitrophenol
Concen: 81.075 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.8	48.4	88.4	
65	105.8	72.6	112.6	

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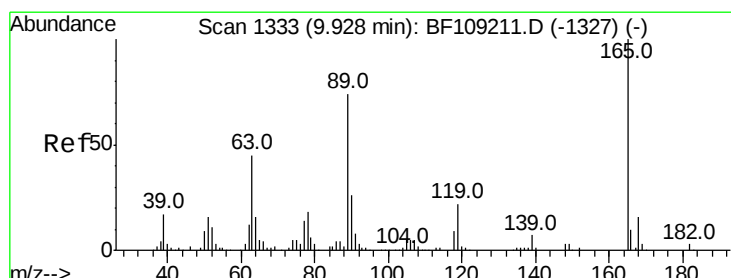
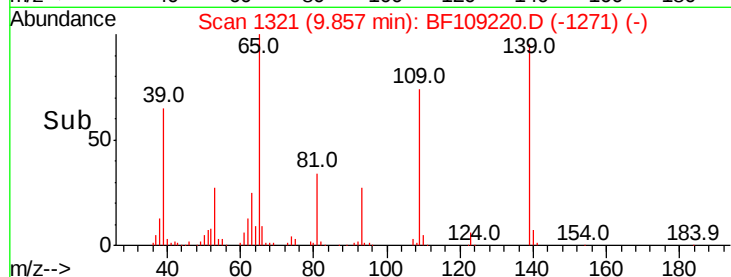
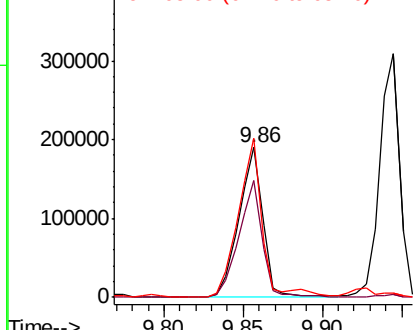


Abundance

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: 45.977 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	36.4	54.6	
89	74.4	57.8	86.6	
182	2.6	1.6	2.4	

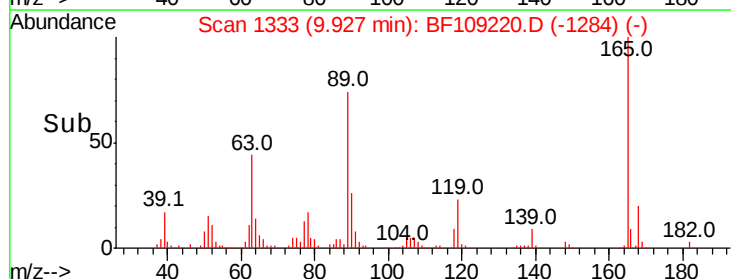
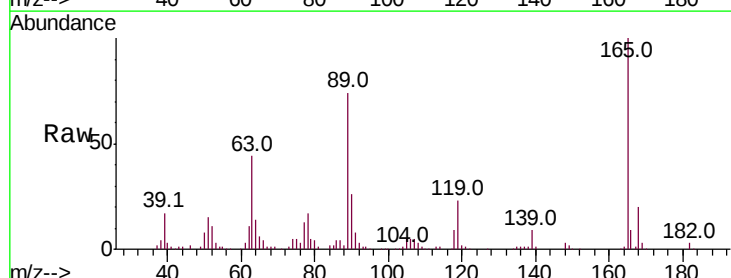
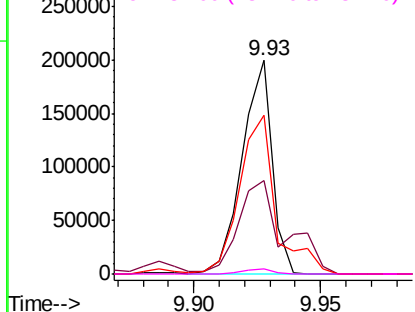
Abundance

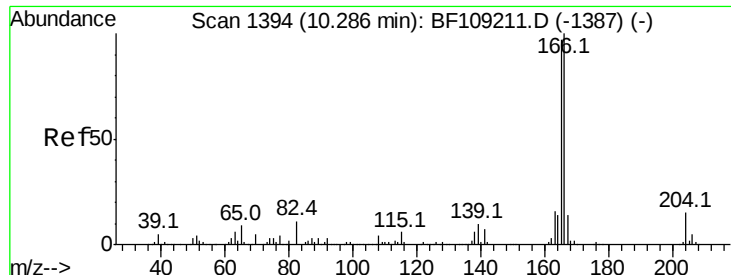
Ion 165.00 (164.70 to 165.70): E

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





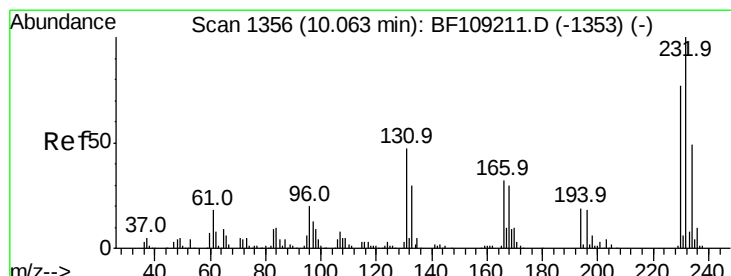
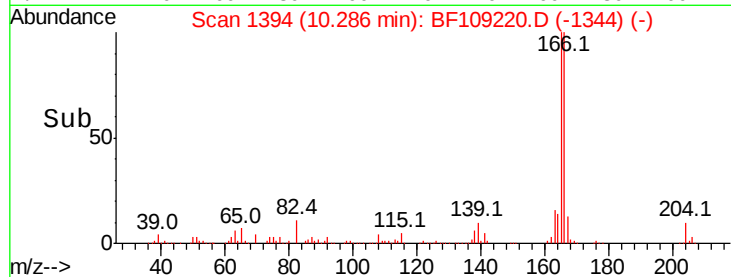
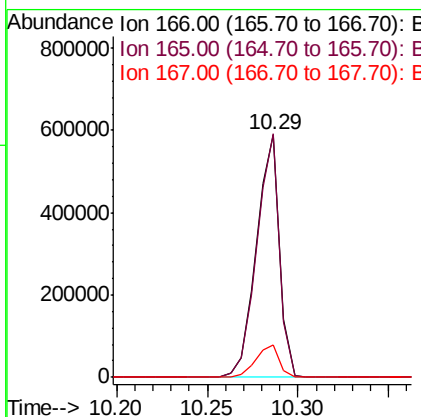
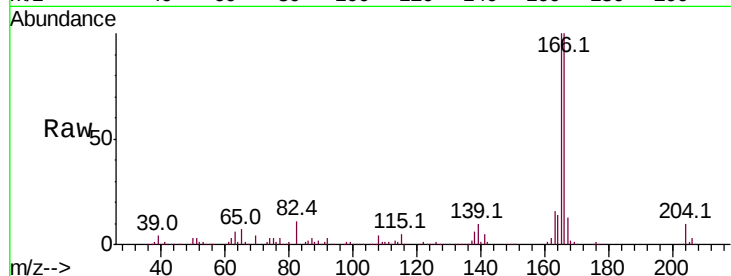
#57
Fluorene
 Concen: 42.194 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.8	119.8	
167	13.4	10.6	16.0	

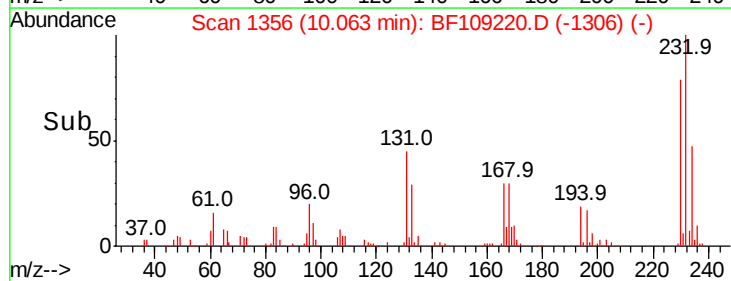
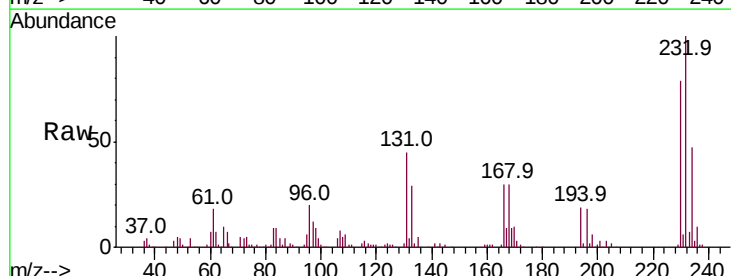
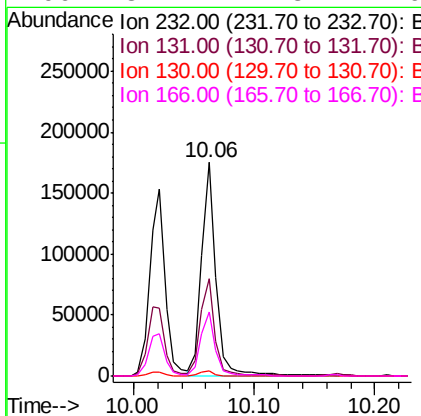
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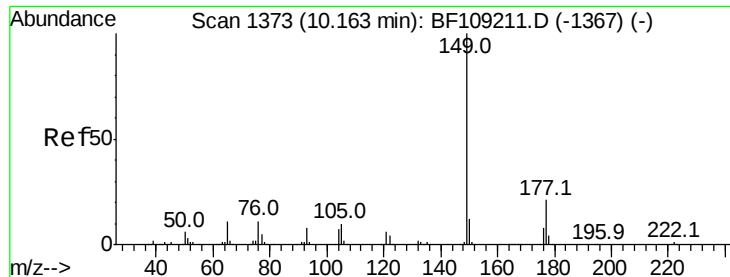
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.475 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.5	43.8	65.8	
130	2.3	2.1	3.1	
166	31.2	27.8	41.6	





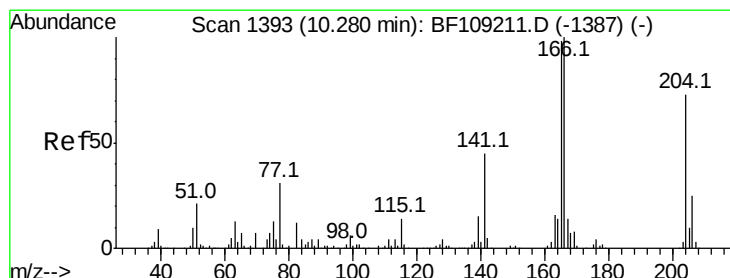
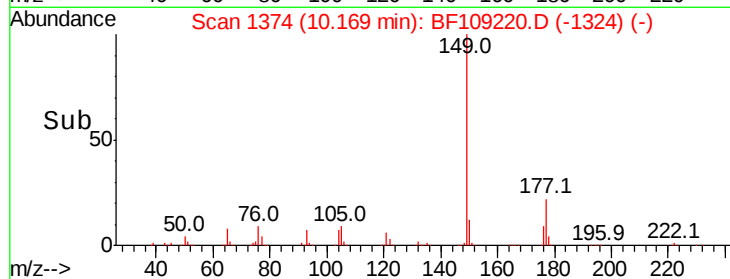
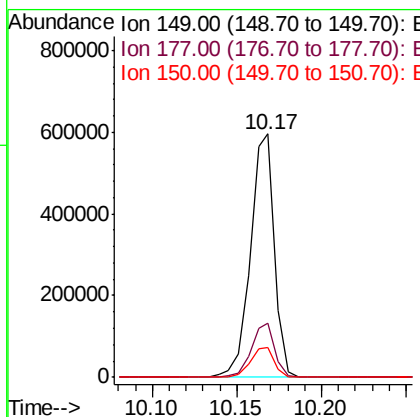
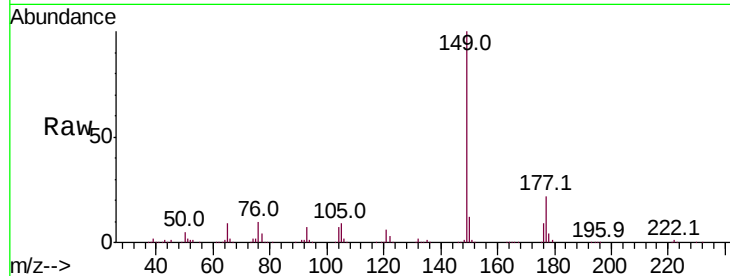
#59
Diethylphthalate
Concen: 40.775 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.3	16.1	24.1	
150	12.2	10.1	15.1	

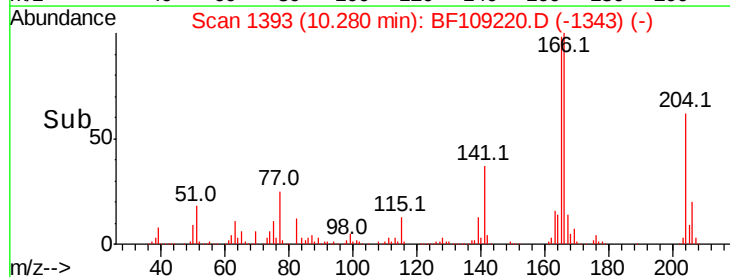
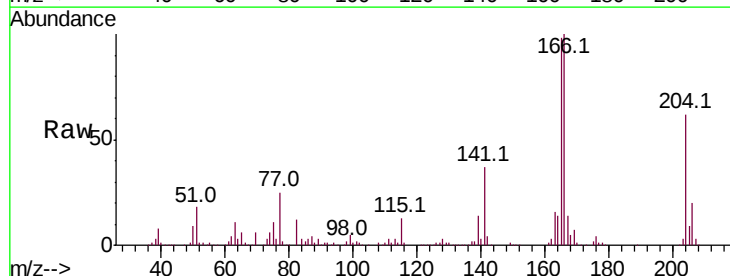
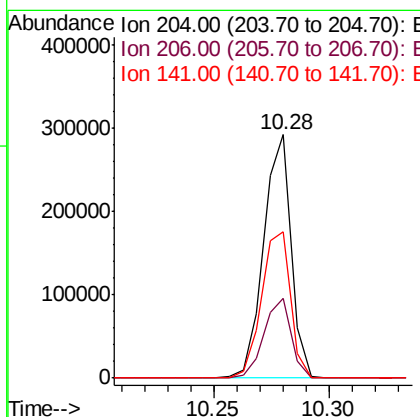
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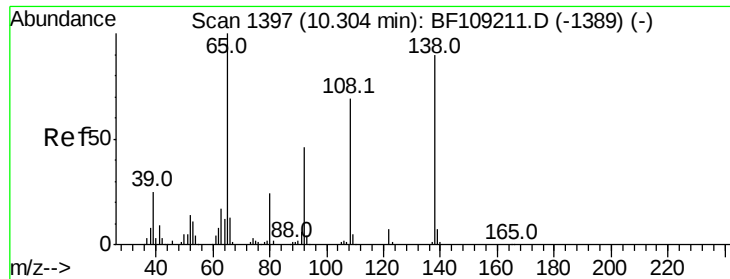
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#60
4-Chlorophenyl-phenylether
Concen: 37.738 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.8	26.5	39.7	
141	59.9	54.6	81.8	





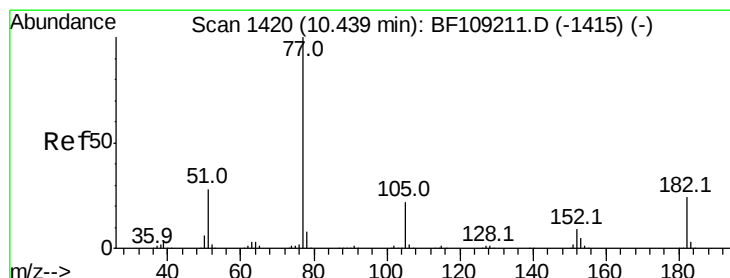
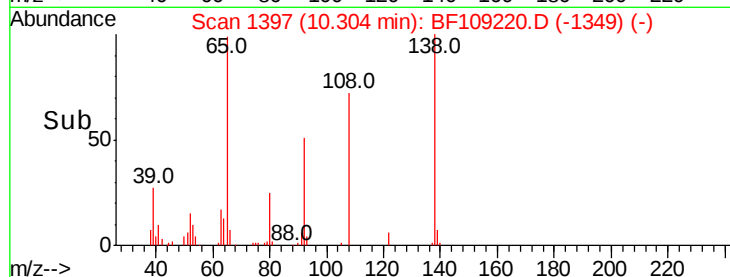
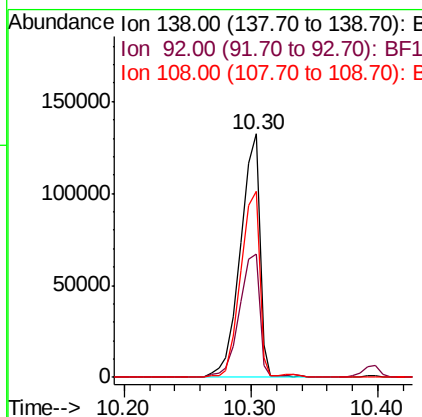
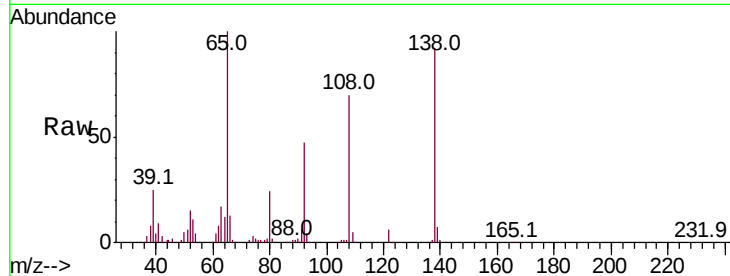
#61
4-Nitroaniline
Concen: 43.840 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	76.4	52.5	92.5

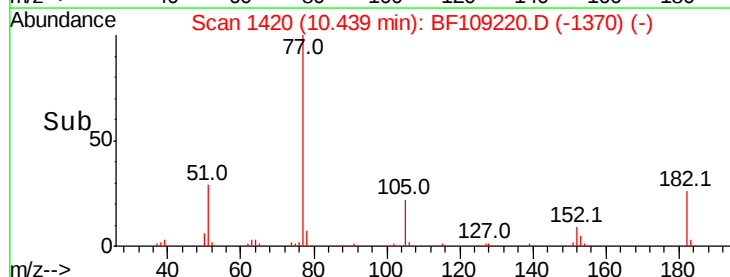
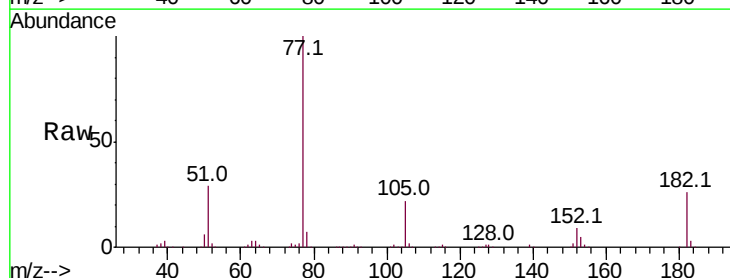
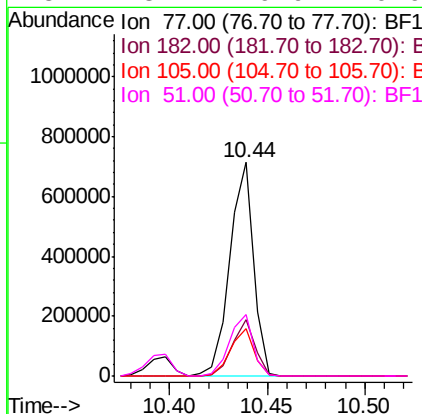
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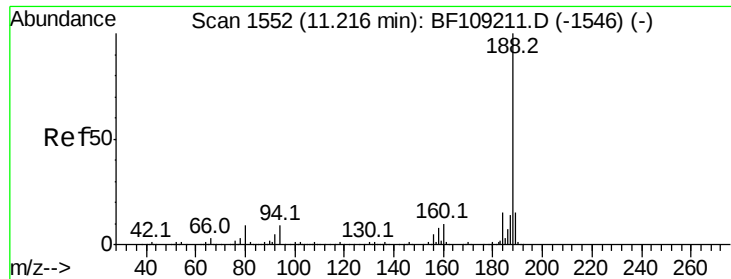
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#62
Azobenzene
Concen: 40.131 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	22.0	3.0	43.0
51	28.7	9.9	49.9





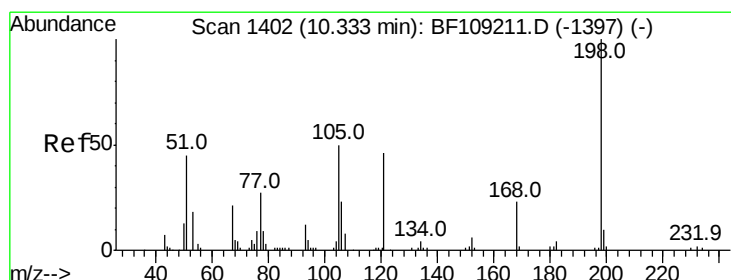
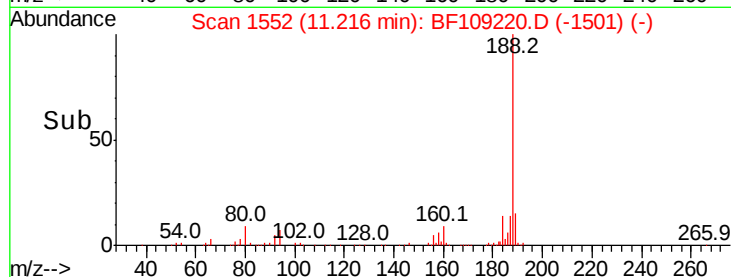
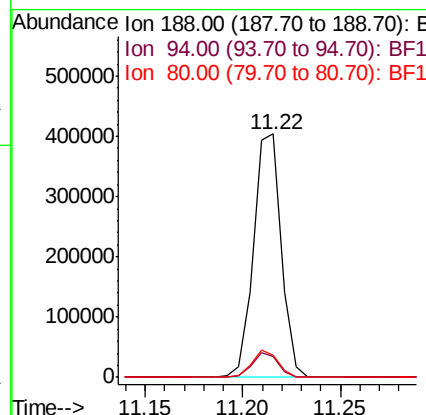
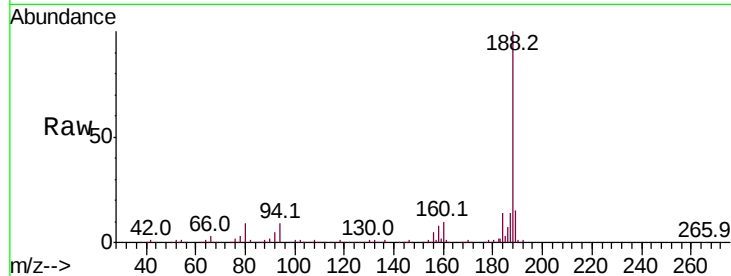
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#

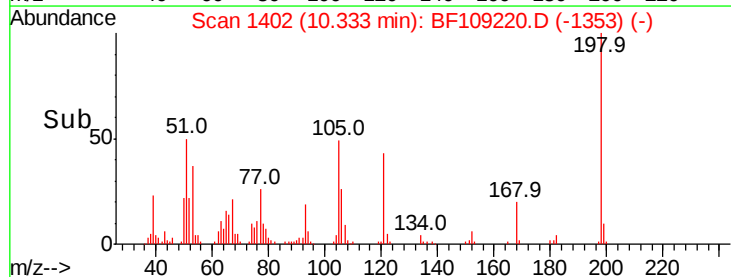
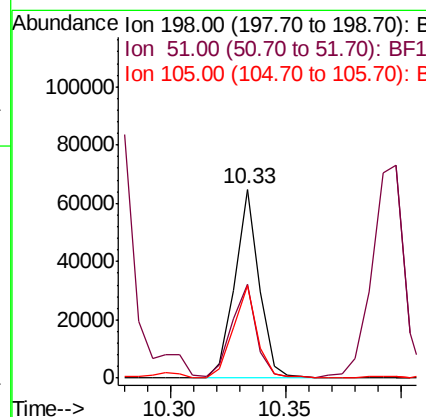
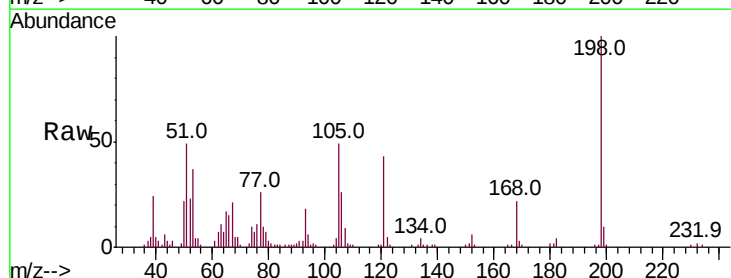
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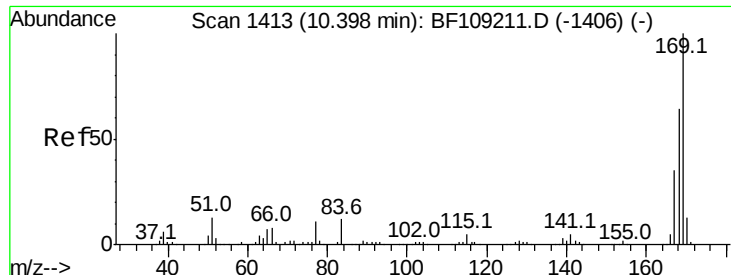
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.713 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	49.5	37.7	77.7
105	48.7	36.3	76.3





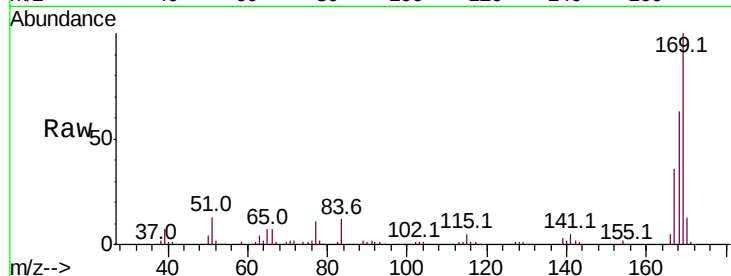
#65
n-Nitrosodiphenylamine
Concen: 38.534 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

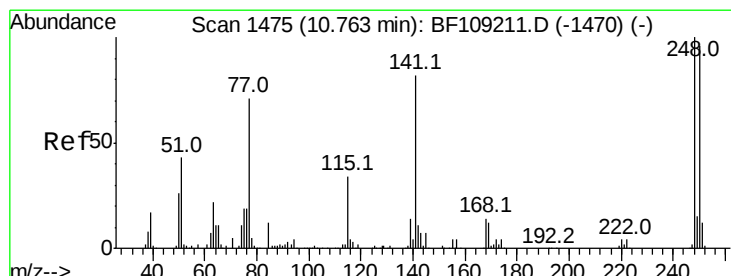
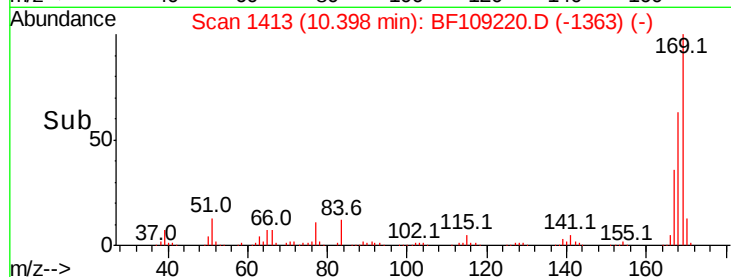
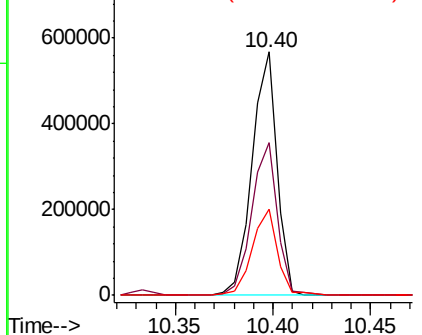
Tot Ion	Ratio	Resp	Lower	Upper
169	100	502513		
168	62.9		54.4	81.6
167	35.5		29.8	44.6

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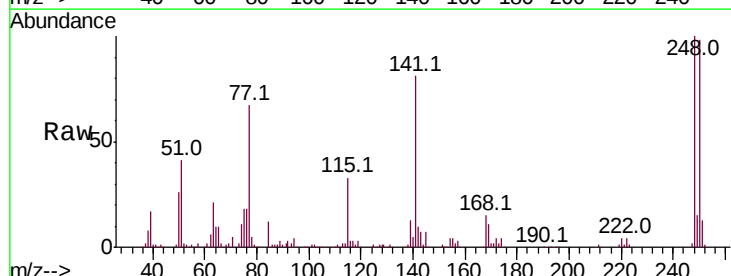


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

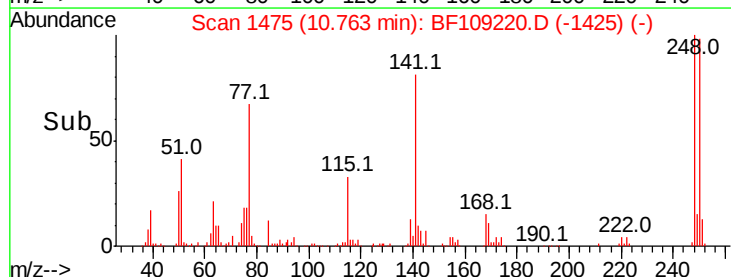
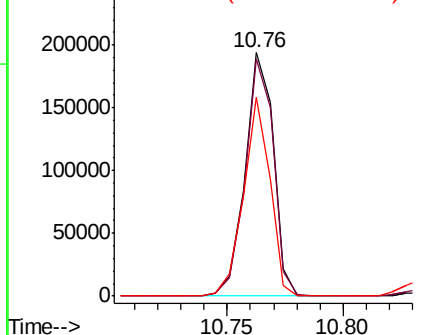


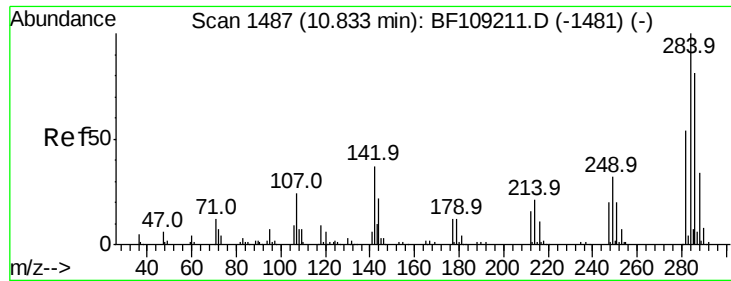
#66
4-Bromophenyl-phenylether
Concen: 38.001 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166561		
250	97.7		76.9	115.3
141	81.5		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: 37.491 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

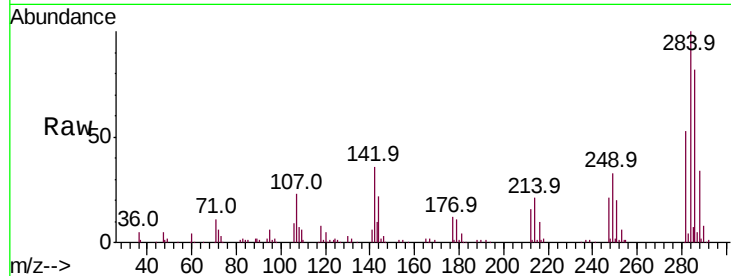
ClientSampleId :

PB113095BS

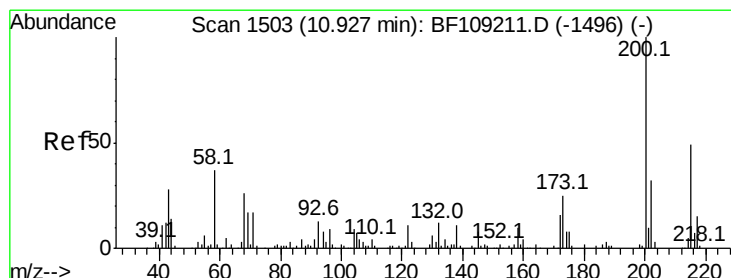
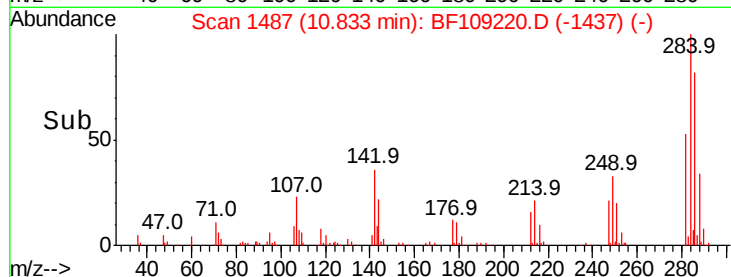
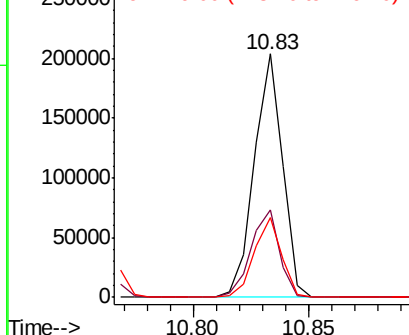
Tot Ion:	284	Resp:	174524
Ion Ratio	Lower	Upper	
284	100		
142	35.9	34.6	52.0
249	32.5	24.8	37.2

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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: 40.670 ng

RT: 10.93 min Scan# 1503

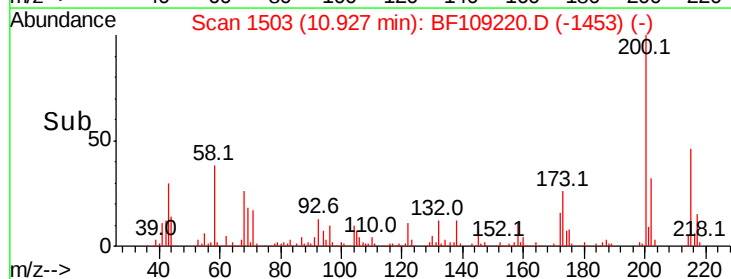
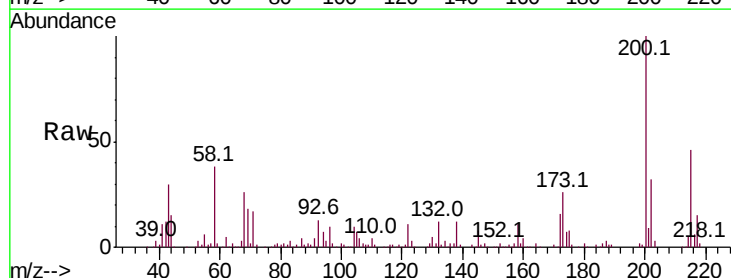
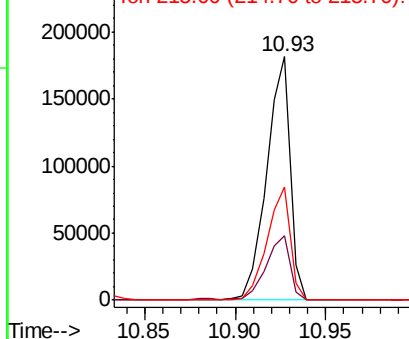
Delta R.T. -0.01 min

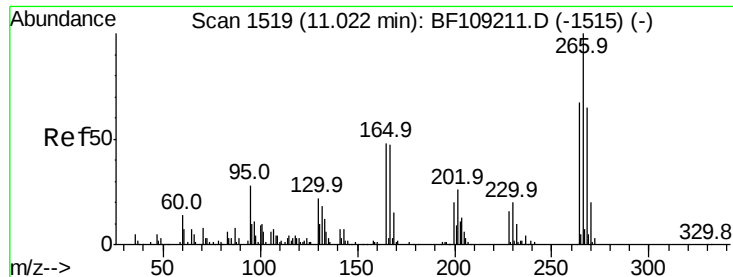
Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	200	Resp:	163116
Ion Ratio	Lower	Upper	
200	100		
173	26.4	8.6	48.6
215	46.3	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





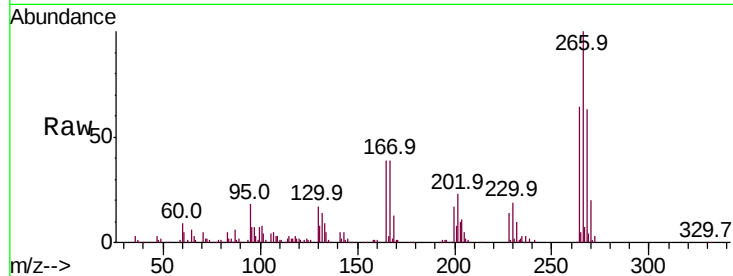
#69
 Pentachlorophenol
 Concen: 57.308 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	159667		
268	63.1	51.1	76.7	
264	64.2	49.5	74.3	

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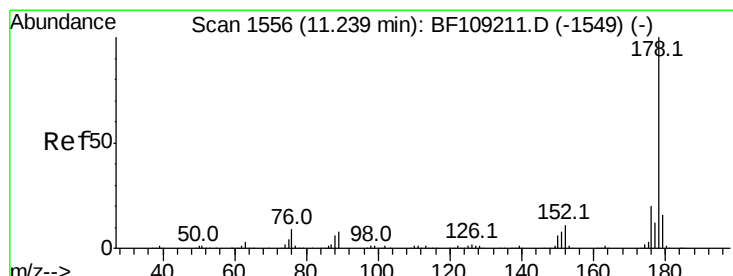
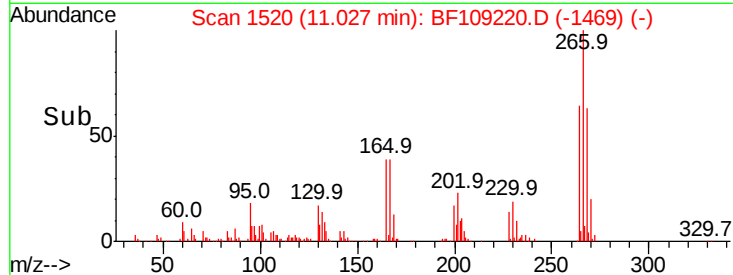
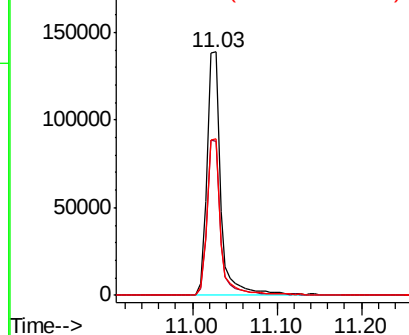


Abundance

Ion 265.70 (265.40 to 266.40): E

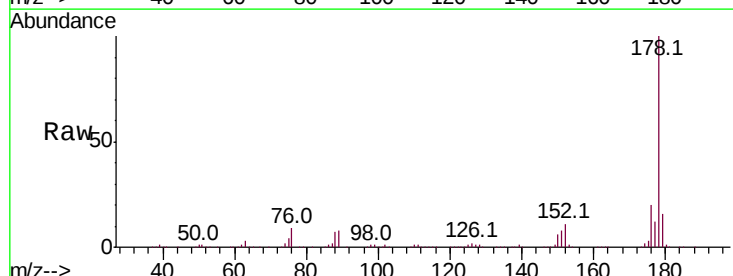
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.819 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	804435		
176	20.3	15.8	23.8	
179	15.8	13.0	19.6	

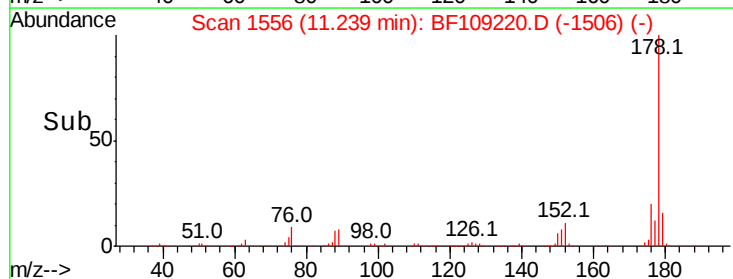
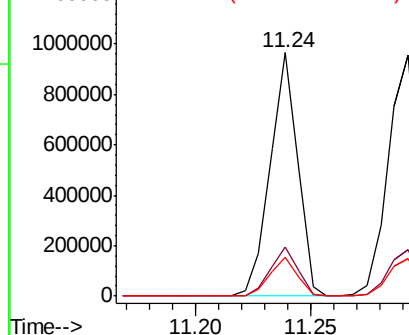


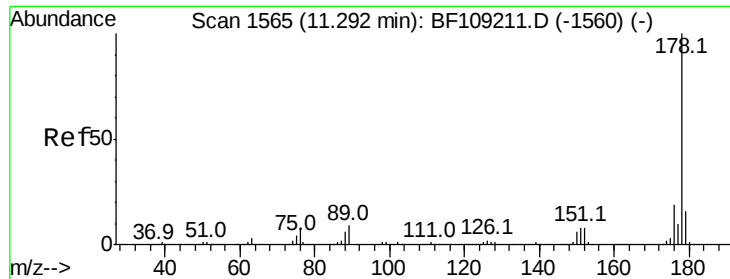
Abundance

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





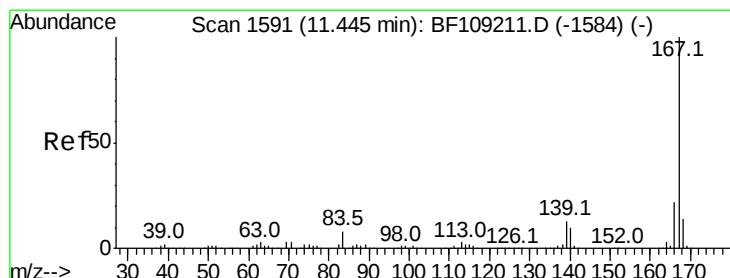
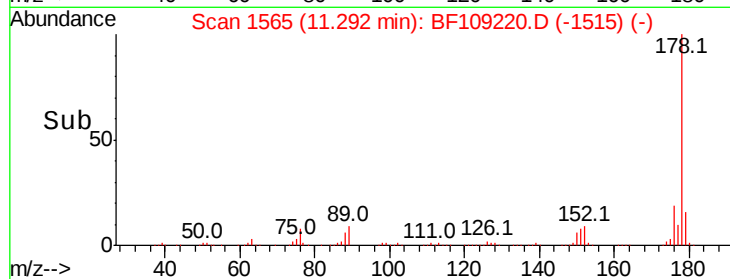
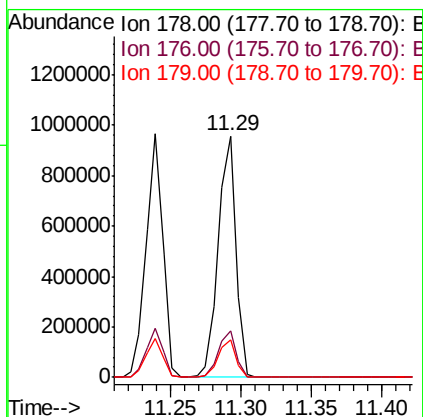
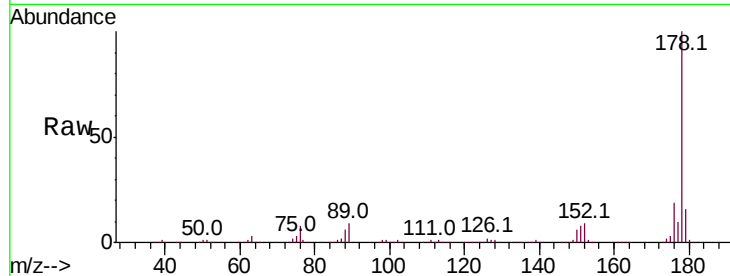
#71
 Anthracene
 Concen: 42.017 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0

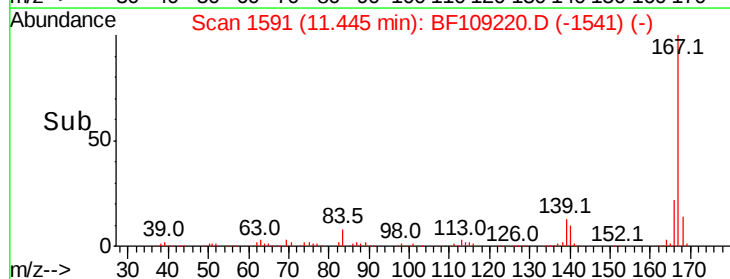
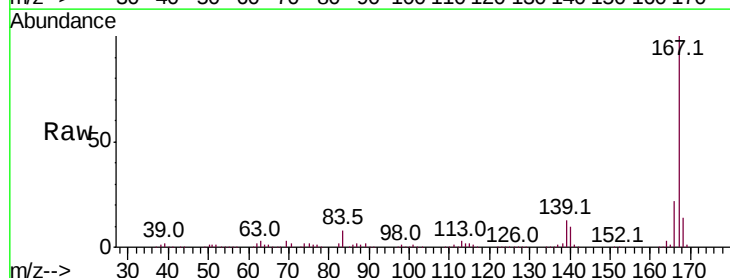
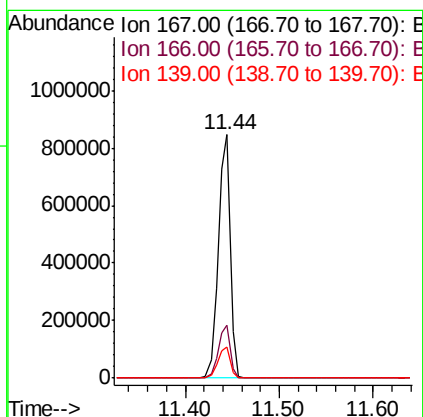
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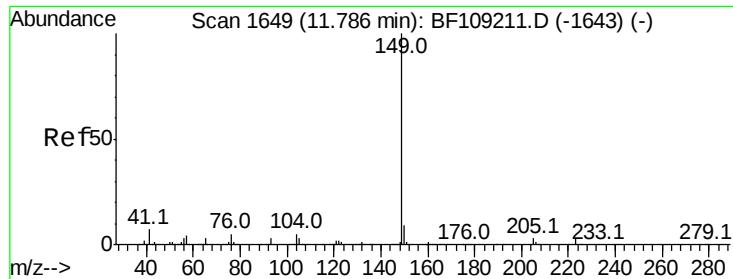
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#72
 Carbazole
 Concen: 37.923 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.9	10.9	16.3





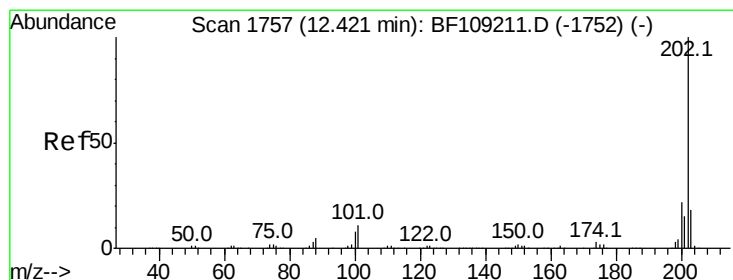
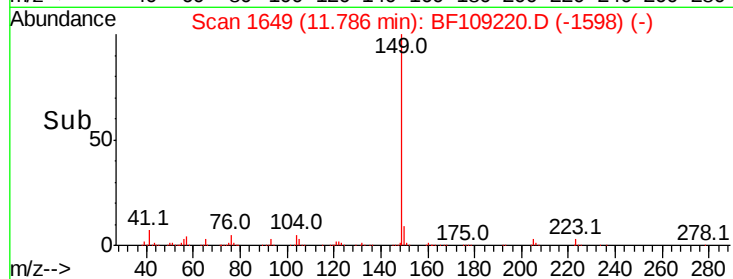
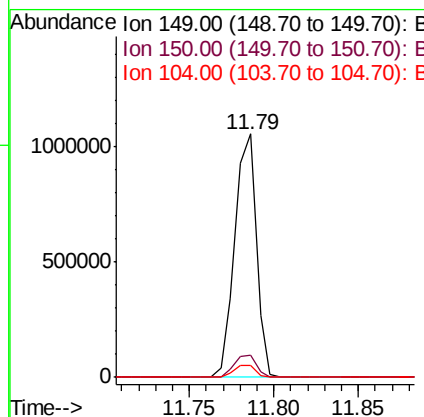
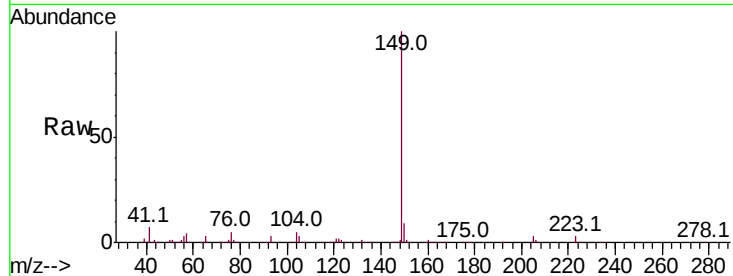
#73
Di-n-butylphthalate
Concen: 40.793 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion:	149	Resp:	933954
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.9	3.8	5.8

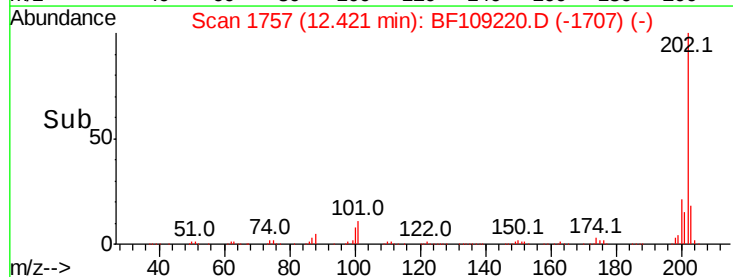
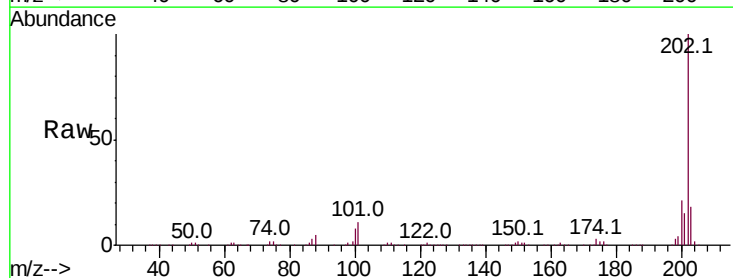
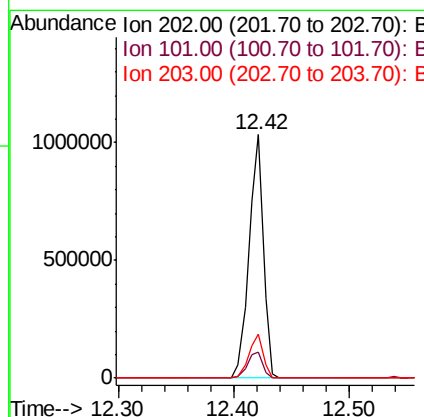
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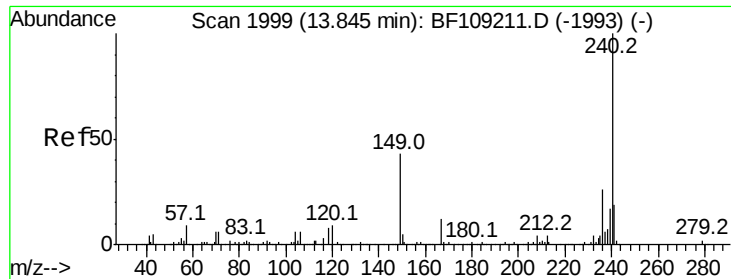
Sohil
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#74
Fluoranthene
Concen: 42.082 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion:	202	Resp:	886280
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

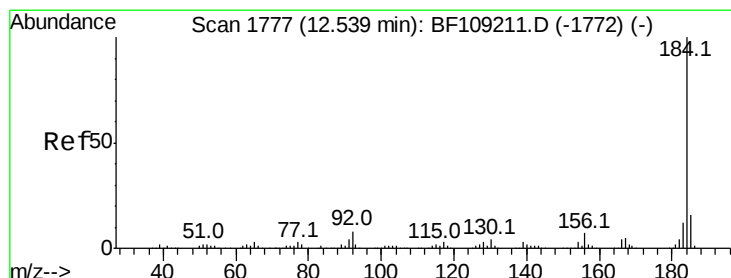
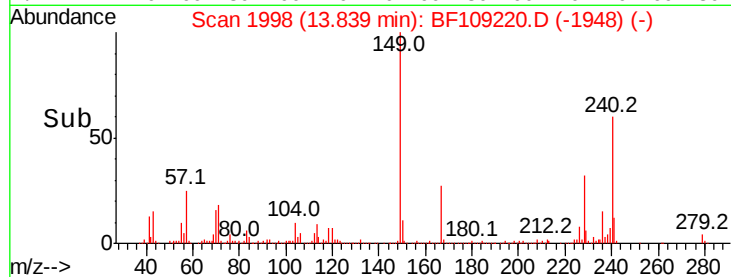
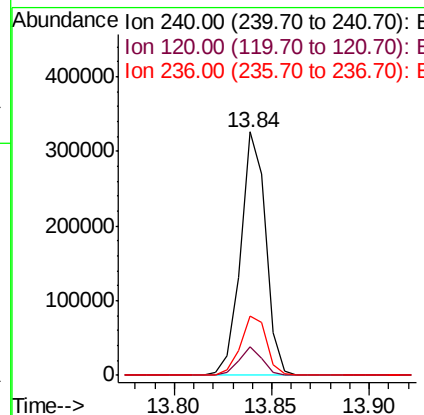
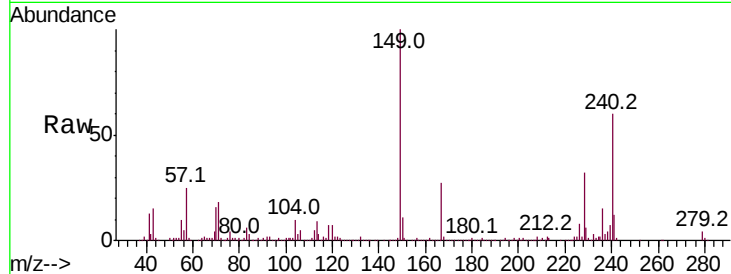
ClientSampleId :

PB113095BS

Tot Ion:	240	Resp:	289528
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	24.6	20.7	31.1

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#76

Benzidine

Concen: 46.296 ng

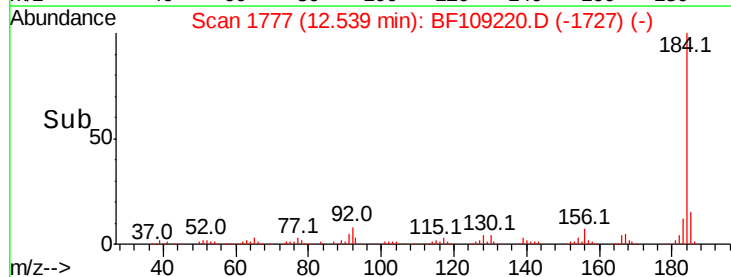
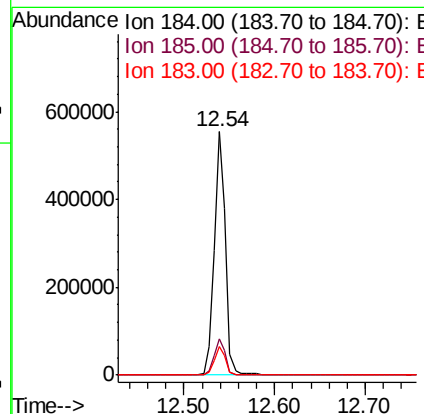
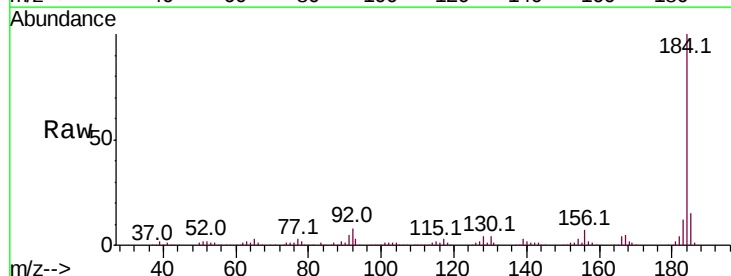
RT: 12.54 min Scan# 1777

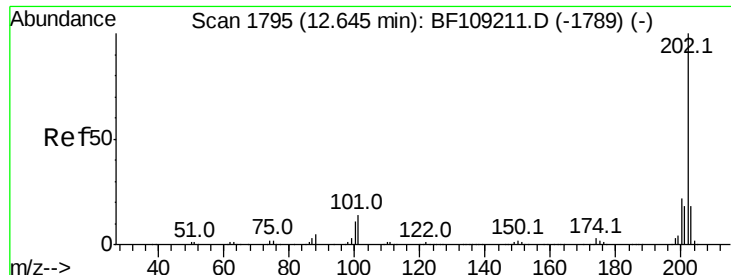
Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	184	Resp:	483279
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 42.638 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Instrument :

BNA_F

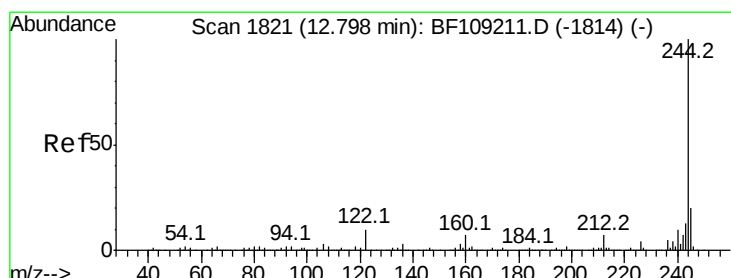
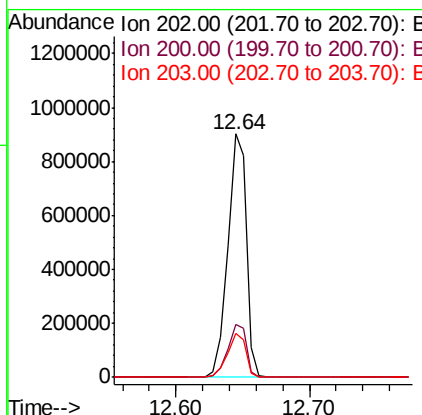
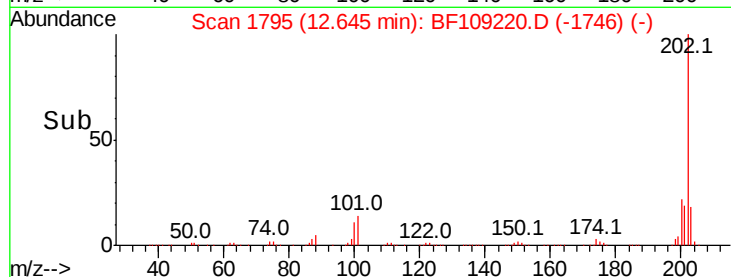
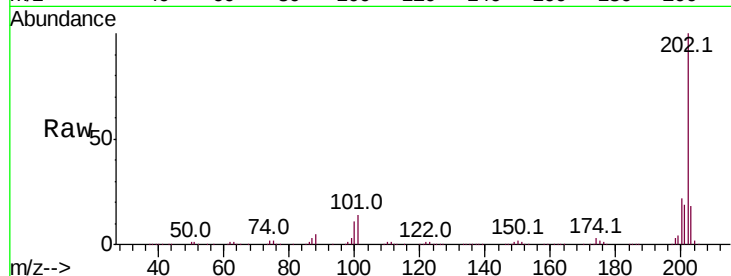
ClientSampleId :

PB113095BS

Tot Ion:	202	Resp:	884730
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 85.961 ng

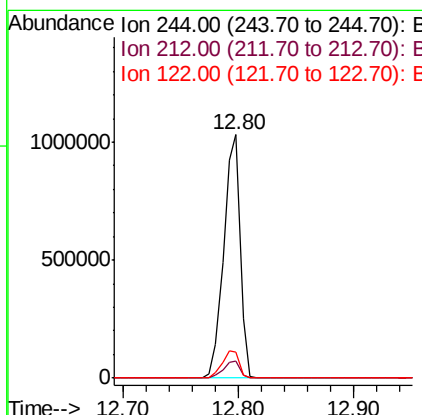
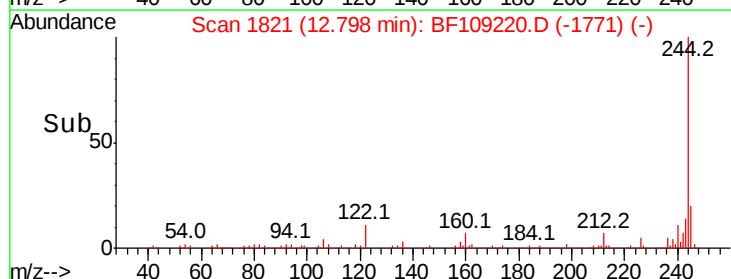
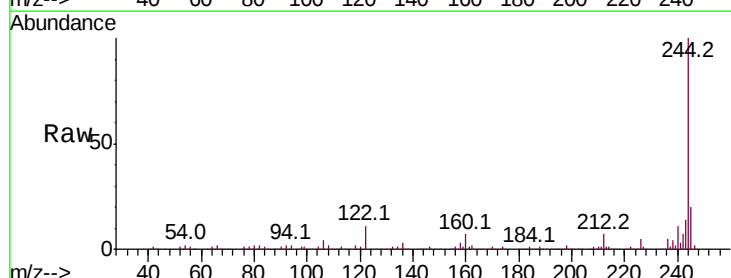
RT: 12.80 min Scan# 1821

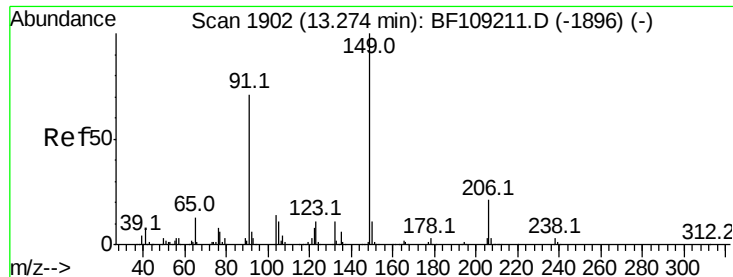
Delta R.T. -0.01 min

Lab File: BF109220.D

Acq: 22 Sep 2018 14:48

Tgt Ion:	244	Resp:	1014120
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4#





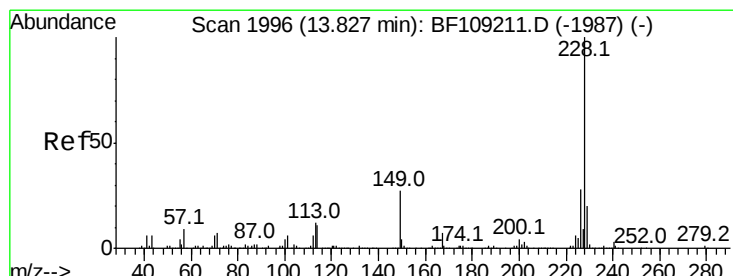
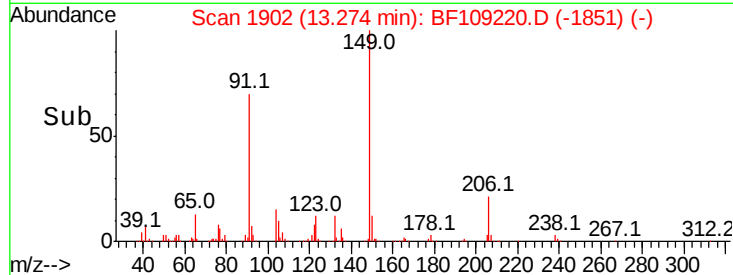
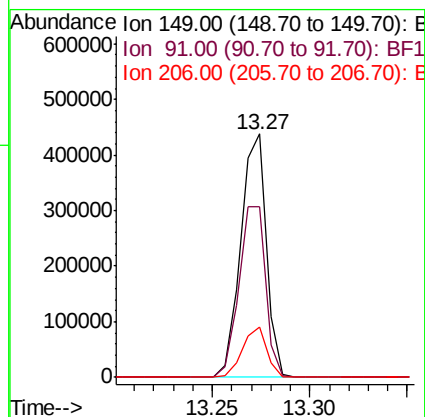
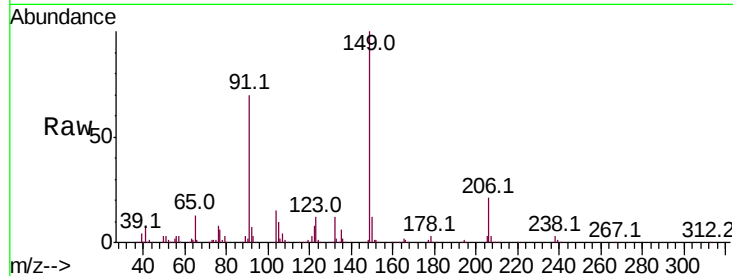
#79
Butylbenzylphthalate
Concen: 45.189 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	398921		
91	70.0	56.8	85.2	
206	20.8	14.1	21.1	

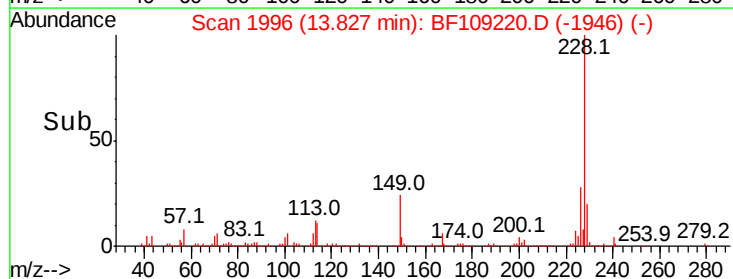
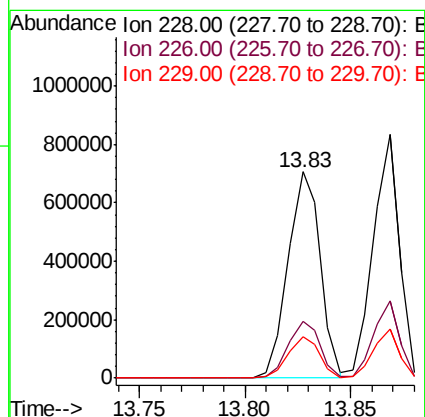
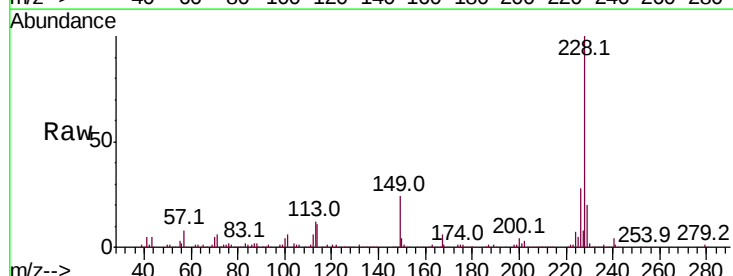
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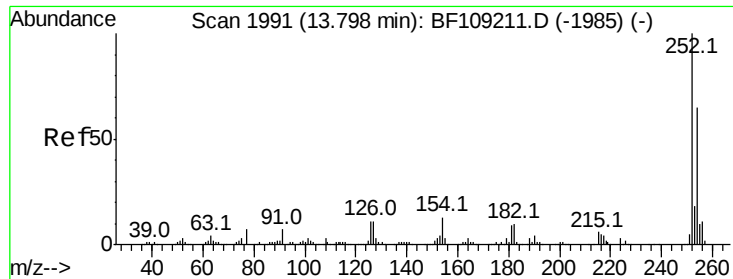
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#80
Benzo(a)anthracene
Concen: 42.968 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	749319		
226	27.7	22.6	33.8	
229	20.2	15.8	23.6	





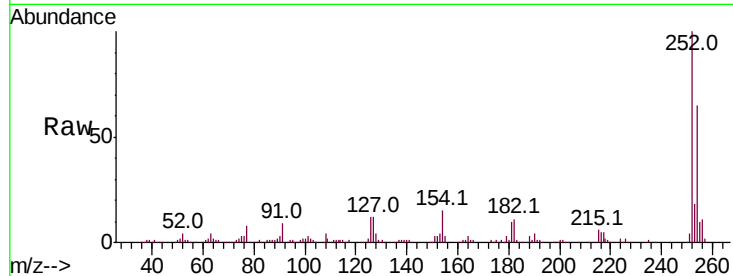
#81
 3,3'-Dichlorobenzidine
 Concen: 23.579 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.6	50.4	75.6
126	11.8	11.3	16.9

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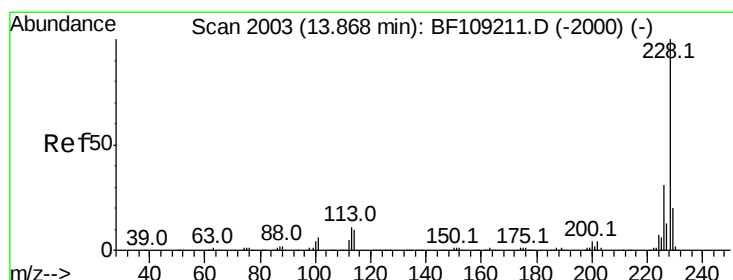
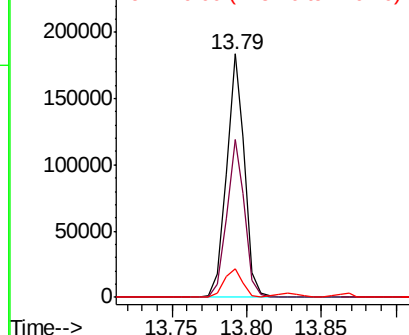
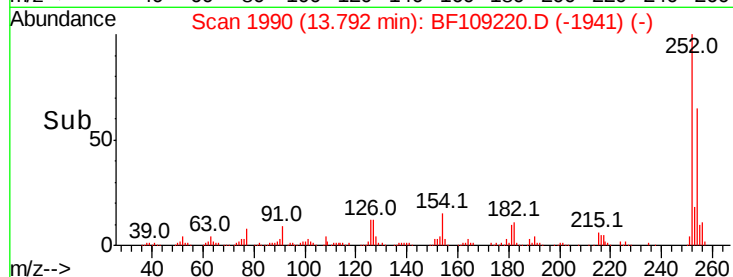


Abundance

Ion 252.00 (251.70 to 252.70): E

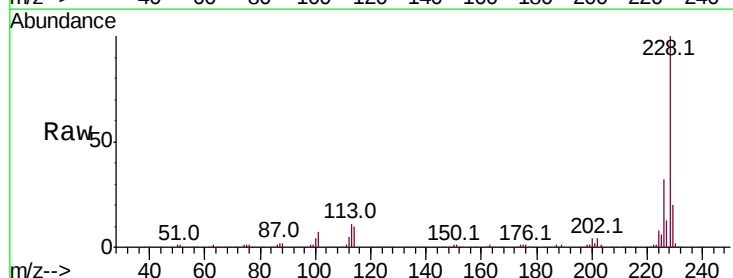
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 42.056 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	20.4	16.2	24.4

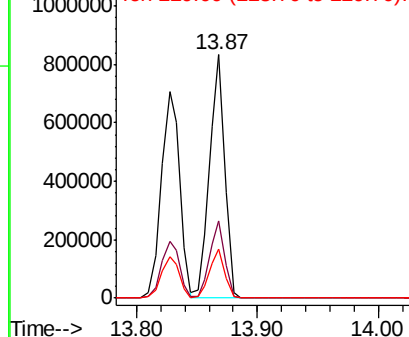
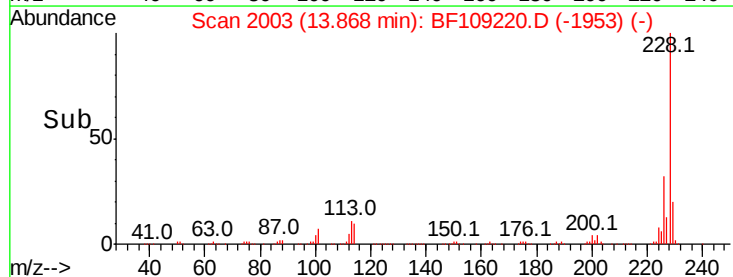


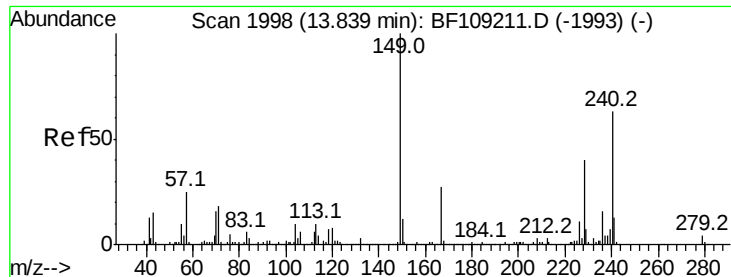
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





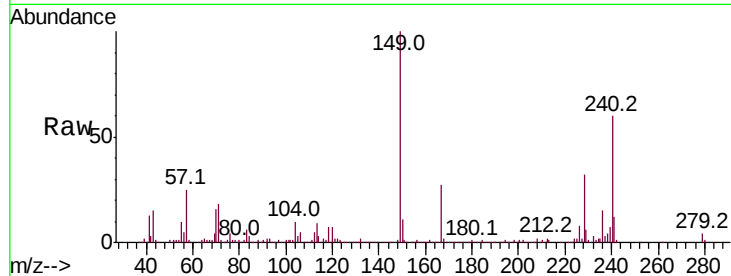
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.271 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492884		
167	26.9	21.3	31.9	
279	4.0	3.0	4.4	

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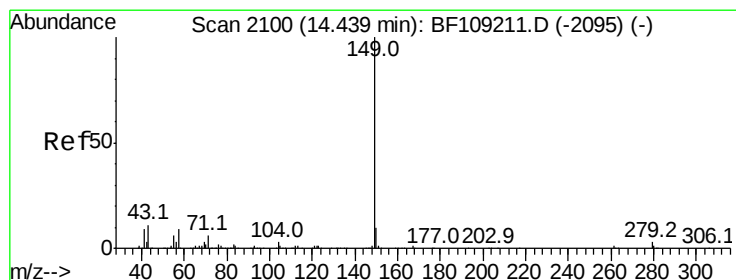
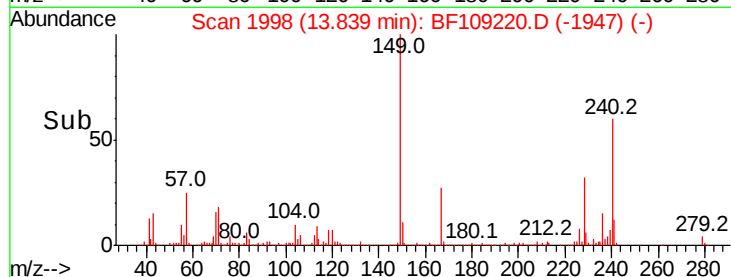
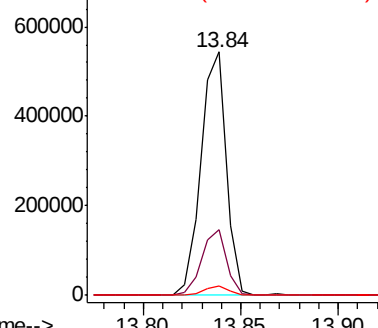


Abundance

Ion 149.00 (148.70 to 149.70): E

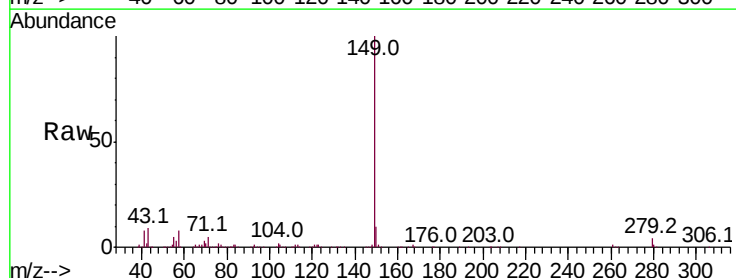
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Di-n-octyl phthalate
Concen: 43.944 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	836523		
167	1.4	1.2	1.8	
43	10.2	8.4	12.6	

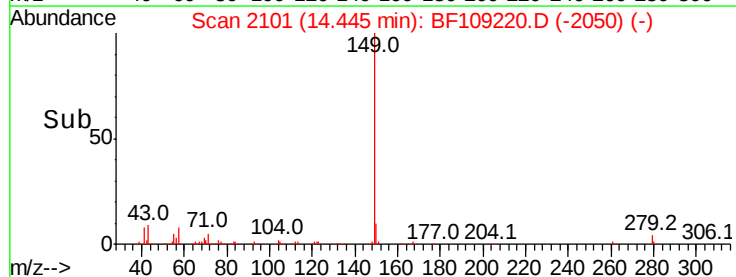
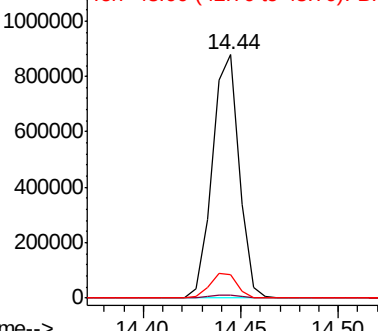


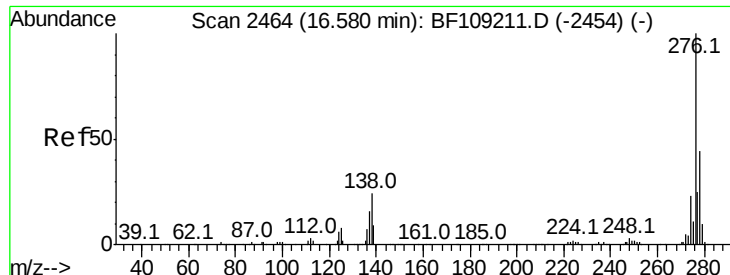
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





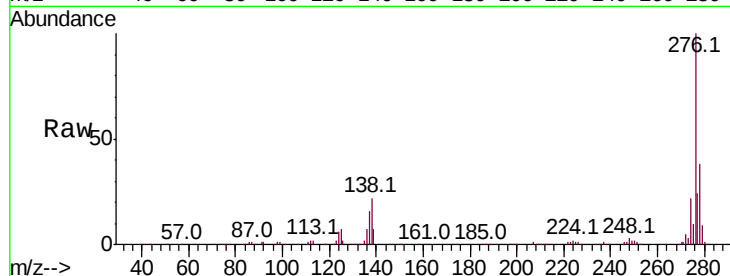
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.133 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB113095BS

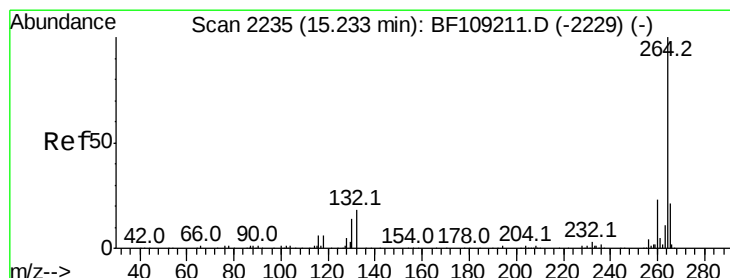
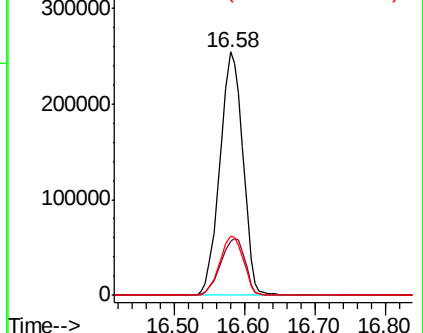
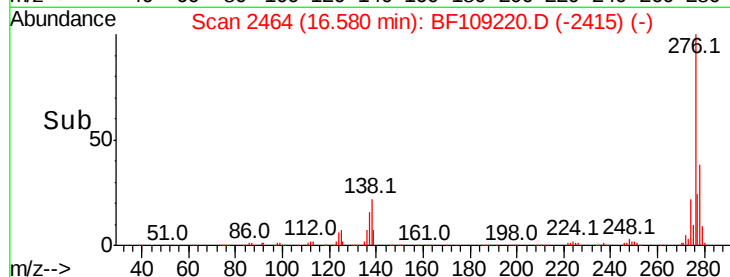
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	24.9	20.1	30.1

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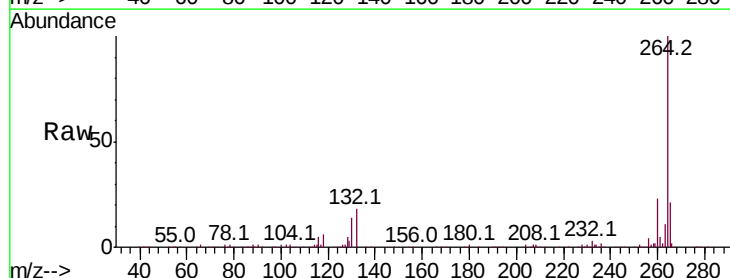


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

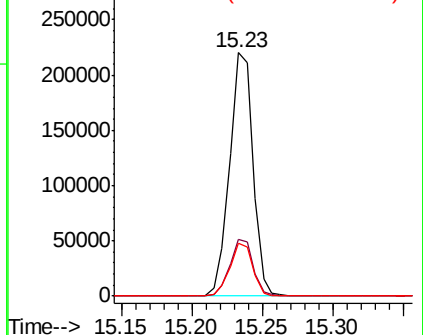
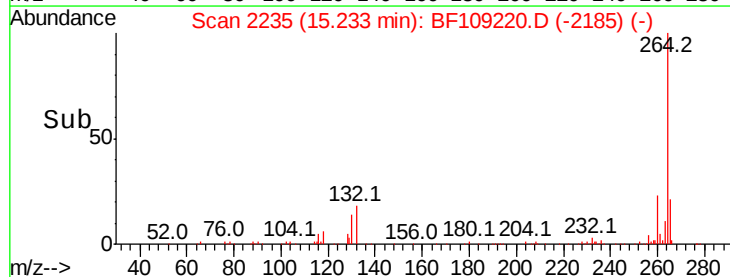


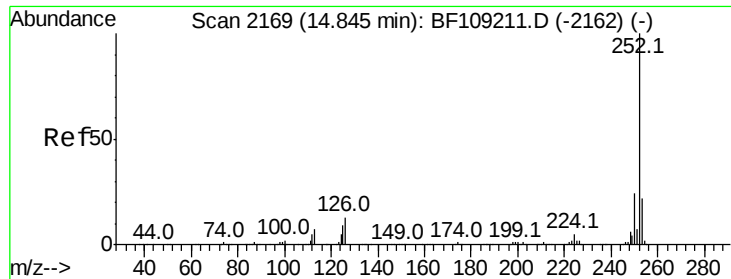
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109220.D
 Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	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





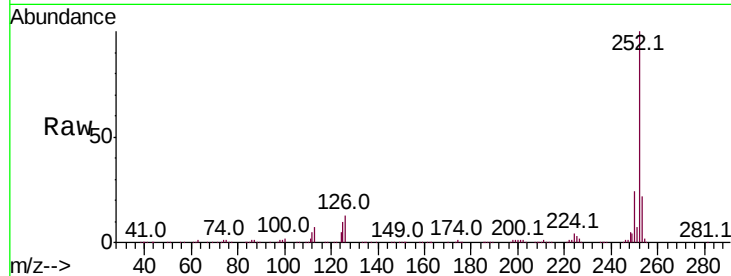
#87
Benzo(b)fluoranthene
Concen: 44.783 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	9.9	9.0	13.6

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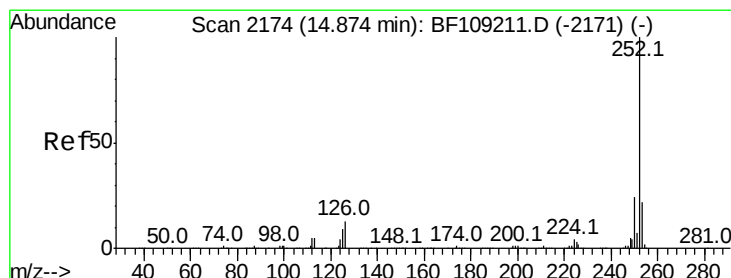
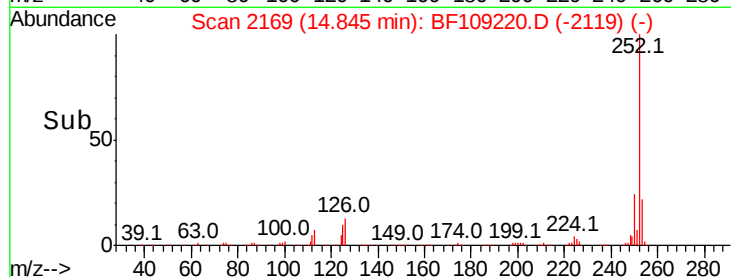
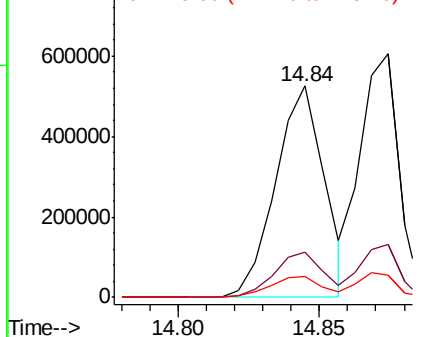


Abundance

Ion 252.00 (251.70 to 252.70): E

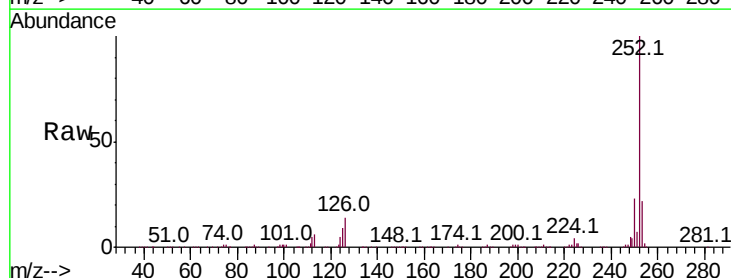
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 43.594 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.3	10.2	15.2#

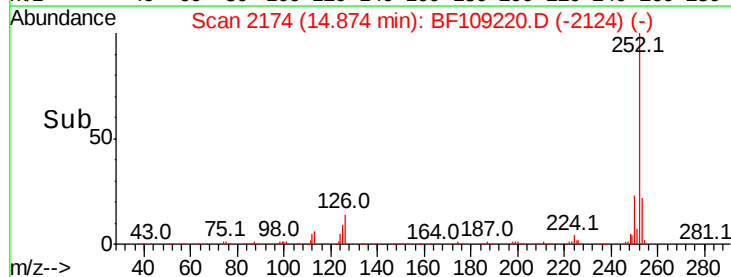
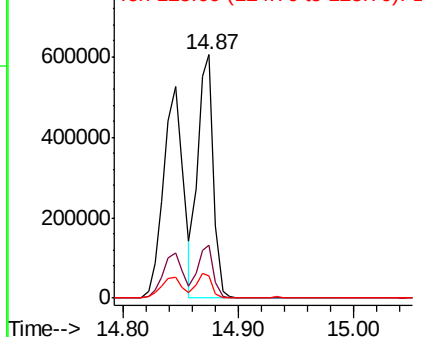


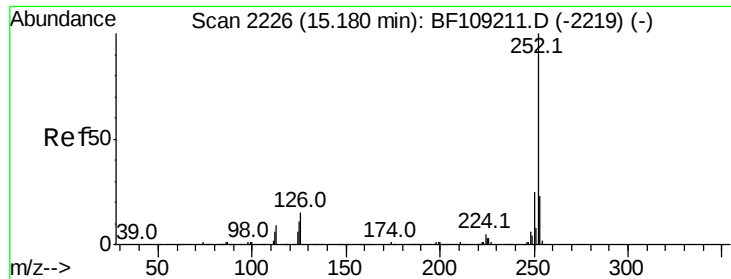
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





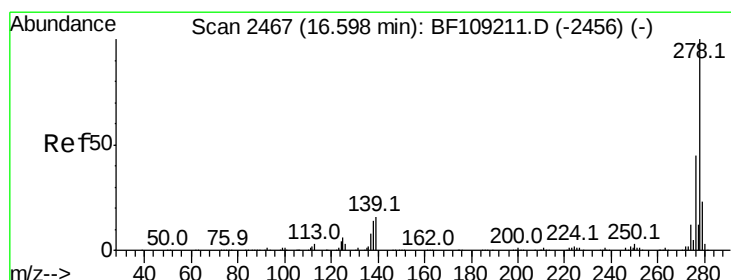
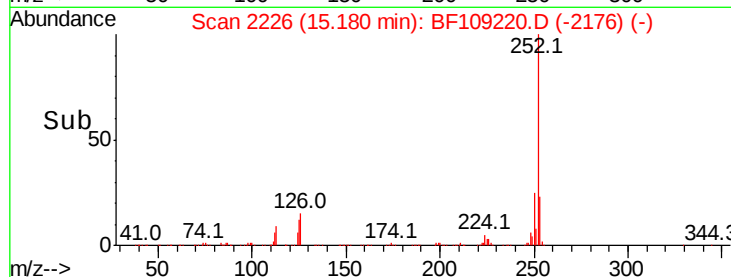
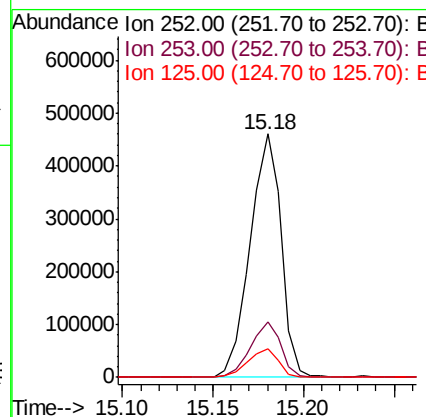
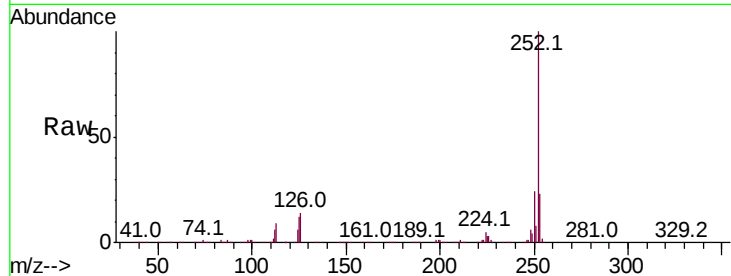
#89
Benzo(a)pyrene
Concen: 43.400 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.8	9.8	14.6

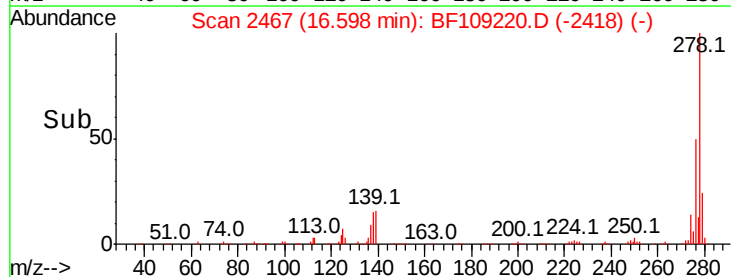
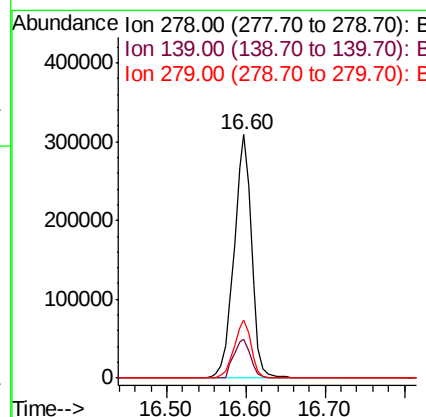
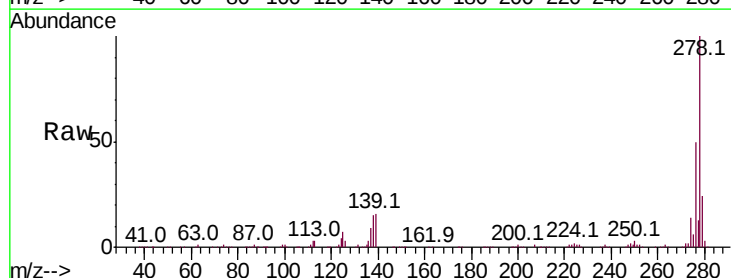
Manual Integrations
APPROVED

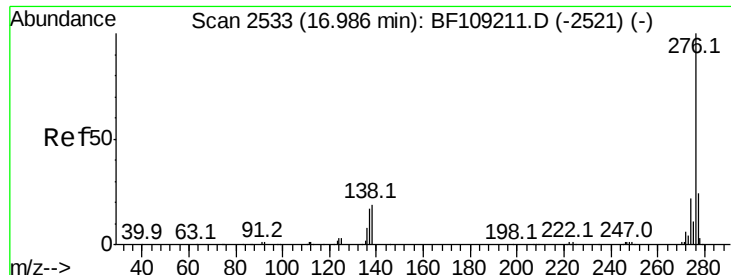
Sohil
9/24/2018 11:38:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.595 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	23.6	19.0	28.4





#91
Benzo(a,h,i)perylene
Concen: 48.143 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF109220.D
Acq: 22 Sep 2018 14:48

Instrument :
BNA_F
ClientSampleId :
PB113095BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.5	17.9	26.9	
138	22.0	21.8	32.8	

Manual Integrations
APPROVED

Sohil
9/24/2018 11:38:43 AM

