

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102893.D
 Acq On : 9 Feb 2018 17:16
 Operator : SJ/JU
 Sample : PB106115BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:36:49 AM

Quant Time: Feb 09 22:21:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	162584	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	668410	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	280868	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	405544	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320969	20.00	ng	0.01
86) Perylene-d12	15.54	264	311962	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1214390	113.43	ng	0.02
7) Phenol-d6	6.52	99	1453912	112.79	ng	0.01
23) Nitrobenzene-d5	7.45	82	960685	99.70	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	243787	107.84	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1441994	85.19	ng	0.00
78) Terphenyl-d14	13.00	244	1095317	80.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	197619	37.373	ng	87
3) Pyridine	3.50	79	590206	40.399	ng	90
4) n-Nitrosodimethylamine	3.45	42	300403	48.059	ng	92
6) Aniline	6.55	93	342289	17.981	ng	95
8) 2-Chlorophenol	6.67	128	449767	40.808	ng	96
9) Benzaldehyde	6.44	77	231052	24.136	ng	98
10) Phenol	6.53	94	580132	41.995	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	468407	40.748	ng	92
12) 1,3-Dichlorobenzene	6.83	146	478206	37.467	ng	97
13) 1,4-Dichlorobenzene	6.90	146	482808	37.975	ng	99
14) 1,2-Dichlorobenzene	7.06	146	447985	37.830	ng	100
15) Benzyl Alcohol	7.03	79	418628	42.241	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	820881	37.592	ng	99
17) 2-Methylphenol	7.14	107	388413	38.205	ng	97
18) Hexachloroethane	7.40	117	168576	38.666	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	322016	37.889	ng	93
20) 3+4-Methylphenols	7.29	107	456294	36.396	ng	# 83
22) Acetophenone	7.30	105	618206	37.795	ng	# 93
24) Nitrobenzene	7.47	77	513498	45.307	ng	95
25) Isophorone	7.70	82	957334	43.149	ng	95
26) 2-Nitrophenol	7.79	139	234231	49.888	ng	98
27) 2,4-Dimethylphenol	7.82	122	426619	45.513	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	579732	44.109	ng	100
29) 2,4-Dichlorophenol	8.03	162	360675	42.327	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	362887	37.645	ng	100
31) Naphthalene	8.19	128	1246619	38.173	ng	100
32) Benzoic acid	7.93	122	247433	40.212	ng	94
33) 4-Chloroaniline	8.23	127	137201	9.752	ng	95
34) Hexachlorobutadiene	8.30	225	185165	37.485	ng	98
35) Caprolactam	8.61	113	125579m	42.436	ng	
36) 4-Chloro-3-methylphenol	8.72	107	402358	42.025	ng	99
37) 2-Methylnaphthalene	8.89	142	813750	38.059	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	304118	39.767	ng	97
40) Hexachlorocyclopentadiene	9.03	237	88182	24.256	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	218384	43.476	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	230272	40.673	ng	98
45) 1,1'-Biphenyl	9.35	154	920869	38.926	ng	99
46) 2-Chloronaphthalene	9.37	162	719837	38.651	ng	99
47) 2-Nitroaniline	9.47	65	287599	49.895	ng	86
48) Acenaphthylene	9.79	152	1075366	37.176	ng	99
49) Dimethylphthalate	9.65	163	885495	40.434	ng	100
50) 2,6-Dinitrotoluene	9.71	165	182767	43.866	ng	90
51) Acenaphthene	9.96	154	641866	37.104	ng	99
52) 3-Nitroaniline	9.87	138	114211	22.278	ng	92
53) 2,4-Dinitrophenol	9.99	184	34409	39.692	ng	# 18
54) Dibenzofuran	10.13	168	929222	38.116	ng	96
55) 4-Nitrophenol	10.04	139	288219	68.995	ng	91
56) 2,4-Dinitrotoluene	10.12	165	229771	41.560	ng	97
57) Fluorene	10.47	166	678949	38.278	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	155860	39.720	ng	95
59) Diethylphthalate	10.35	149	853849	39.486	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	313807	39.993	ng	95
61) 4-Nitroaniline	10.49	138	169763	34.789	ng	99
62) Azobenzene	10.63	77	870156	40.280	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	30057	24.459	ng	91
65) n-Nitrosodiphenylamine	10.59	169	621294	43.433	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	184917	43.105	ng	94
67) Hexachlorobenzene	11.03	284	180298	38.097	ng	93
68) Atrazine	11.11	200	181936	43.112	ng	95
69) Pentachlorophenol	11.22	266	175093	63.026	ng	100
70) Phenanthrene	11.44	178	866239	38.353	ng	99
71) Anthracene	11.49	178	898422	39.109	ng	99
72) Carbazole	11.65	167	843639	37.486	ng	99
73) Di-n-butylphthalate	11.97	149	1191487	43.583	ng	100
74) Fluoranthene	12.63	202	870844	38.322	ng	99
76) Benzidine	12.75	184	513848	34.833	ng	98
77) Pyrene	12.86	202	900481	35.777	ng	99
79) Butylbenzylphthalate	13.47	149	504790	42.058	ng	94
80) Benzo(a)anthracene	14.05	228	825896	40.914	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	297515	39.751	ng	96
82) Chrysene	14.09	228	776490	38.160	ng	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	727062	47.156	ng	100
84) Di-n-octyl phthalate	14.64	149	1265256	54.653	ng	97
85) Indeno(1,2,3-cd)pyrene	17.06	276	653410	38.717	ng	98
87) Benzo(b)fluoranthene	15.11	252	808570	39.977	ng	98
88) Benzo(k)fluoranthene	15.14	252	772822	39.990	ng	100
89) Benzo(a)pyrene	15.49	252	744601	40.900	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	552628	37.398	ng	98
91) Benzo(g,h,i)perylene	17.51	276	513570	35.508	ng	97

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

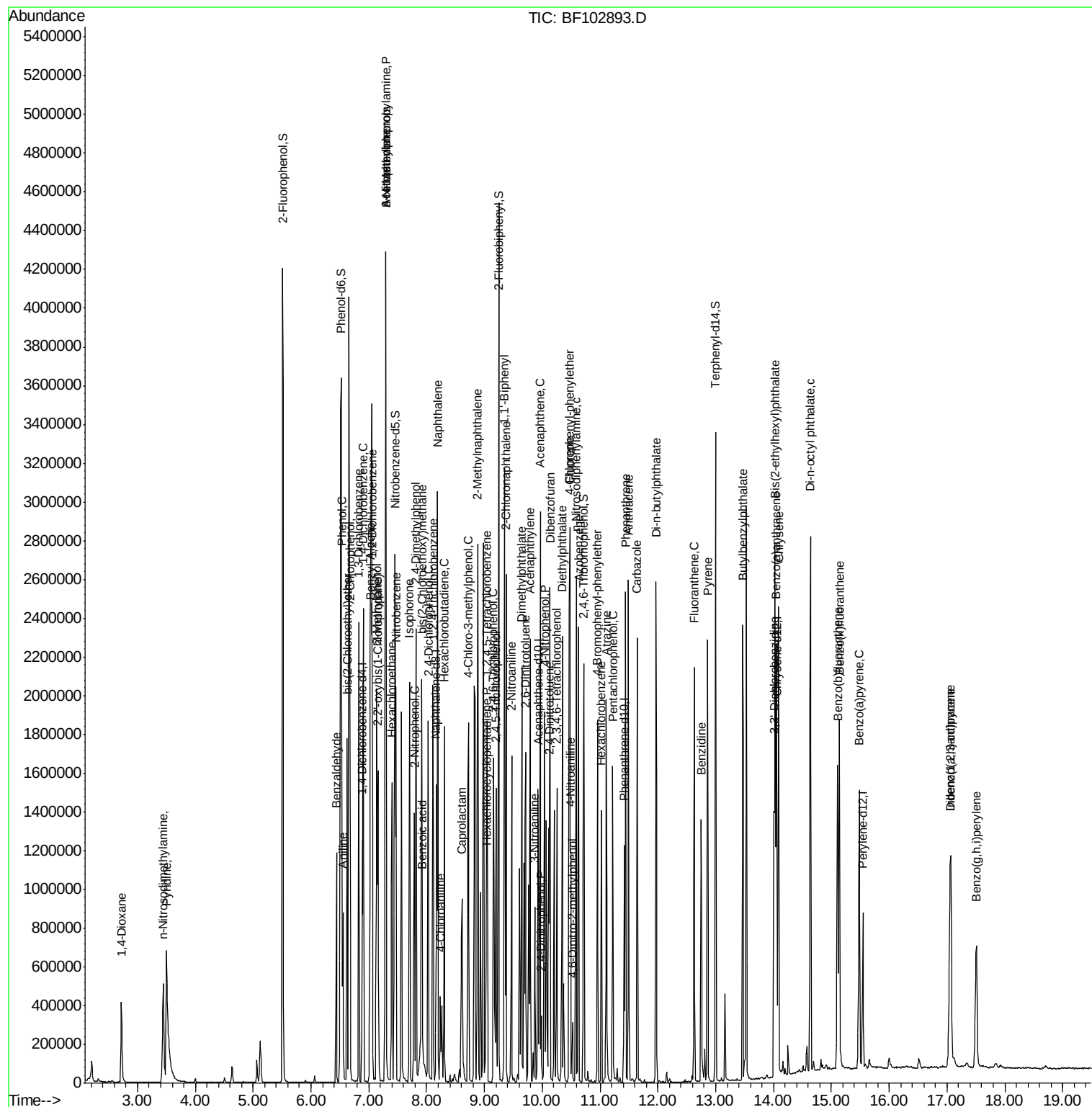
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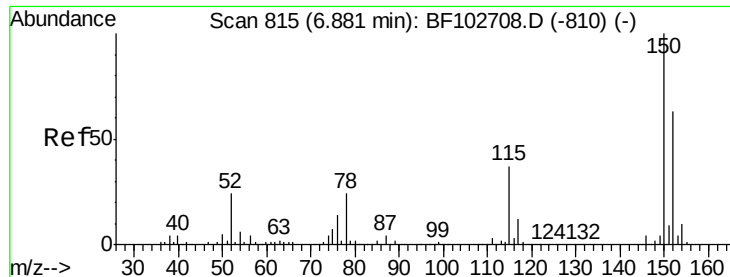
Instrument :
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#1

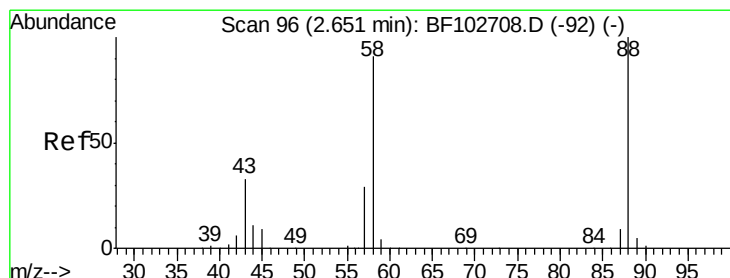
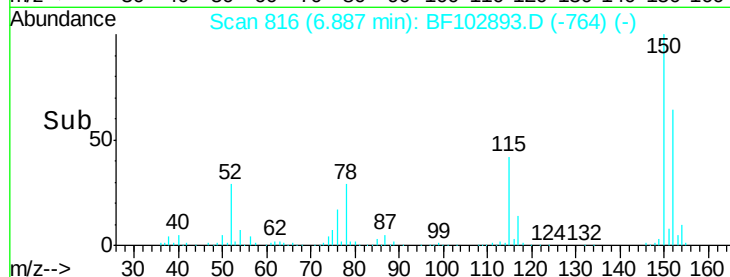
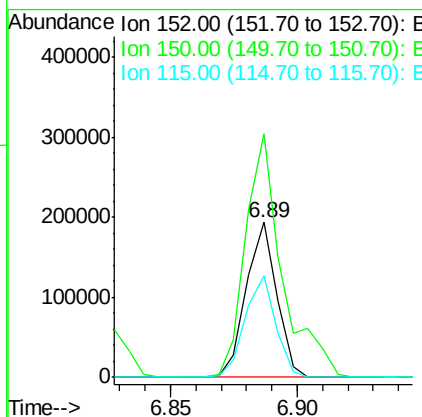
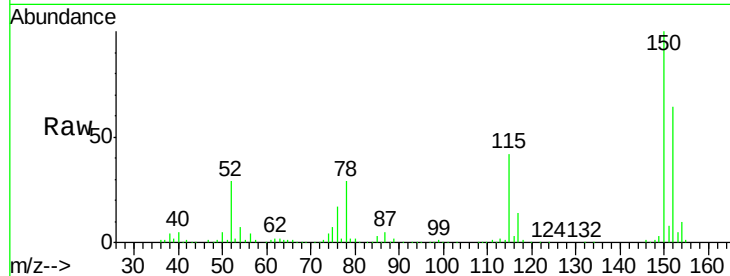
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
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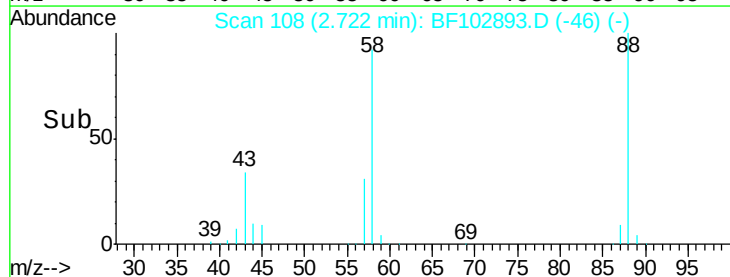
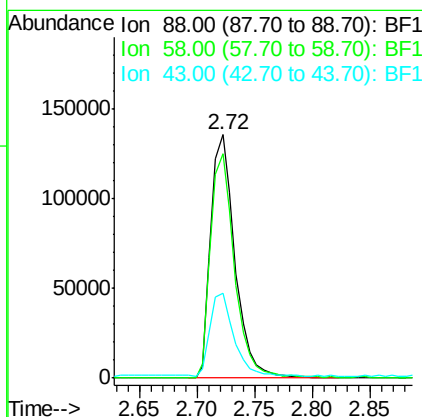
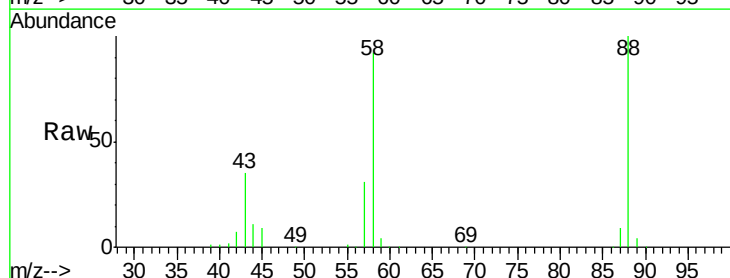
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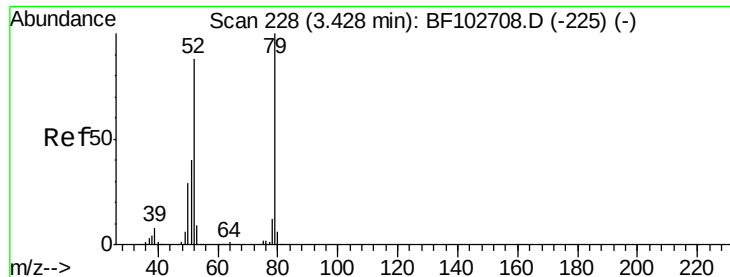


#2

1,4-Dioxane
Concen: 37.373 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.3	62.6	93.8
43	33.4	24.6	37.0





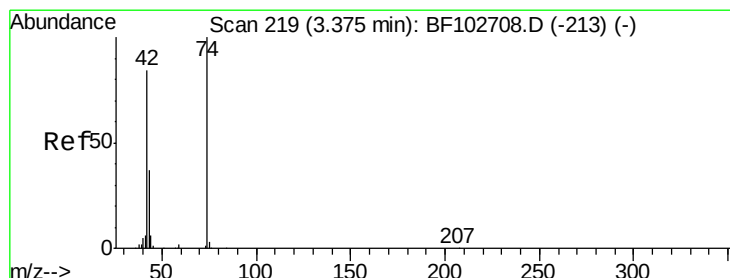
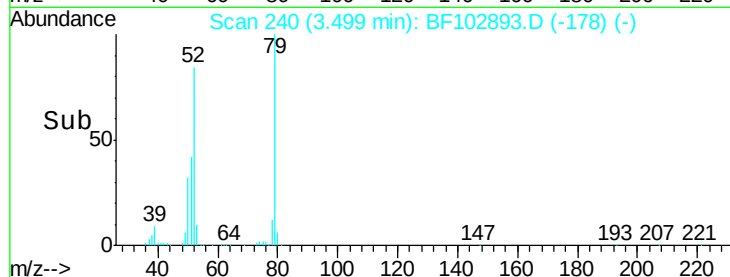
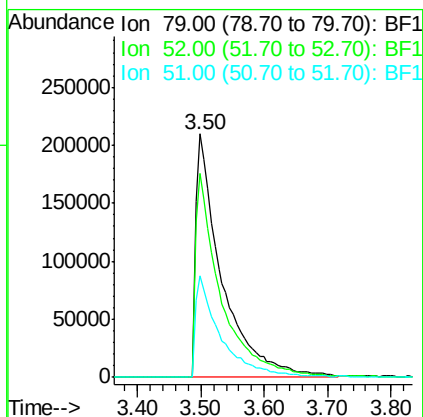
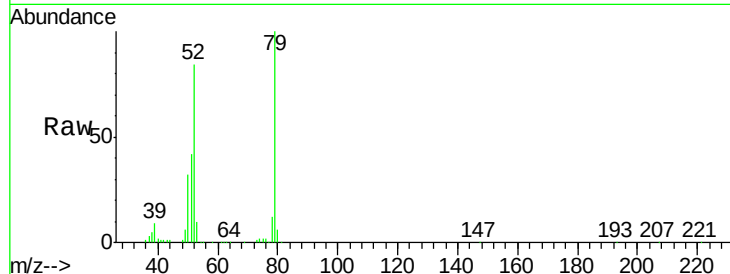
#3
 Pvridine
 Concen: 40.399 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.06 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB106115BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.9	59.8	89.6
51	41.9	29.8	44.8

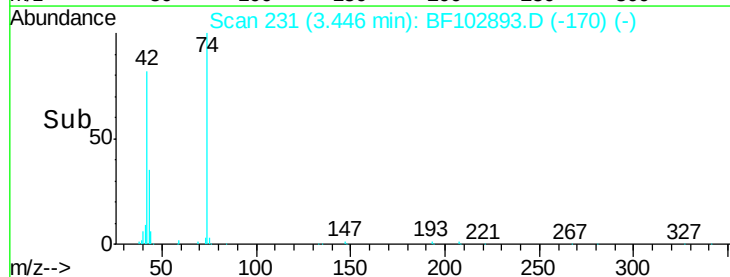
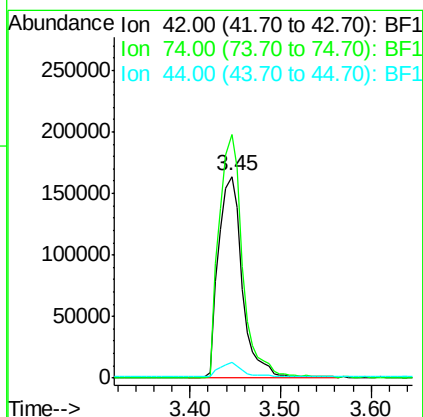
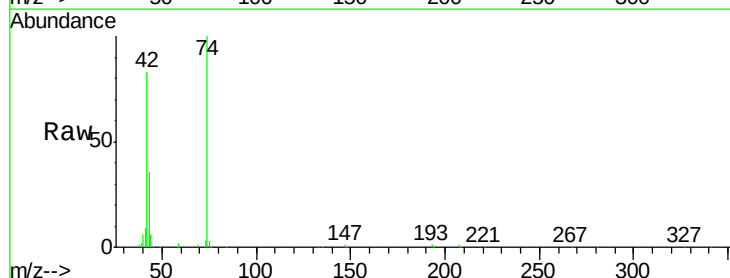
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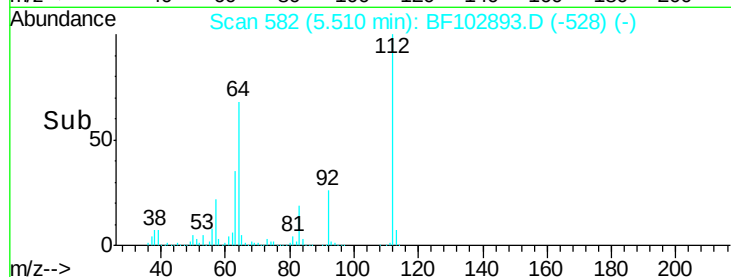
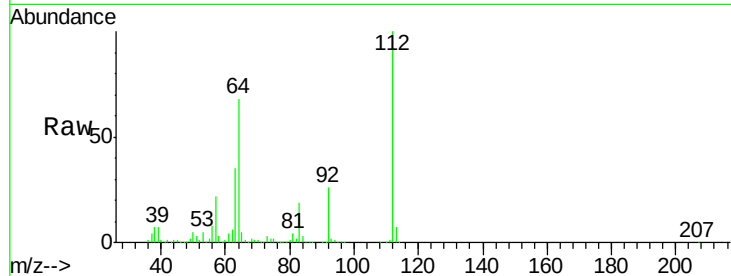
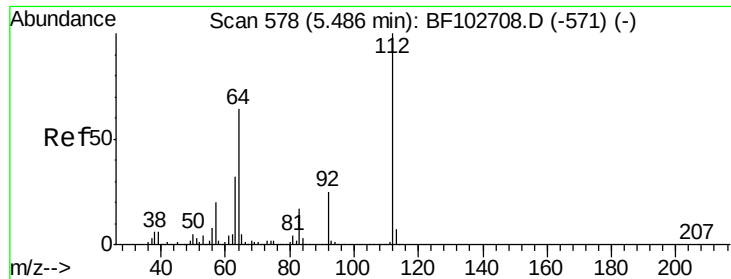
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#4
 n-Nitrosodimethylamine
 Concen: 48.059 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.06 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.9	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 113.434 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tot Ion:	112	Resp:	1214390
Ion Ratio	Lower	Upper	
112	100		
64	67.7	47.9	71.9
63	34.8	23.7	35.5

Instrument :

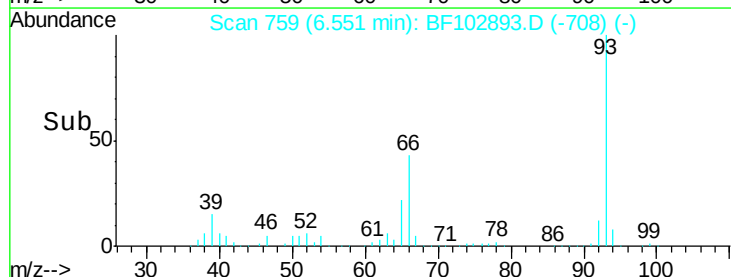
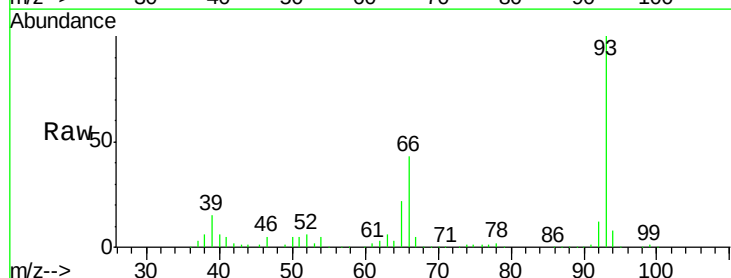
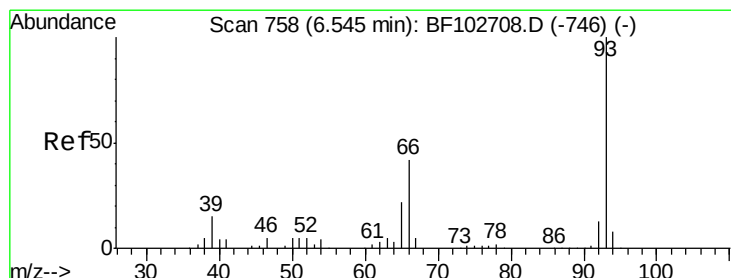
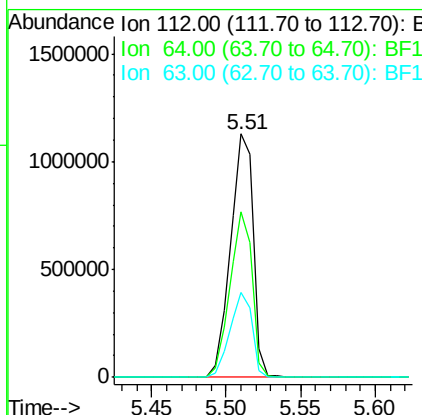
BNA_F

ClientSampleId :

PB106115BSD

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#6

Aniline

Concen: 17.981 ng

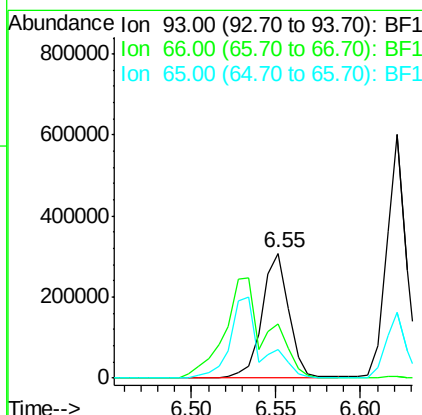
RT: 6.55 min Scan# 759

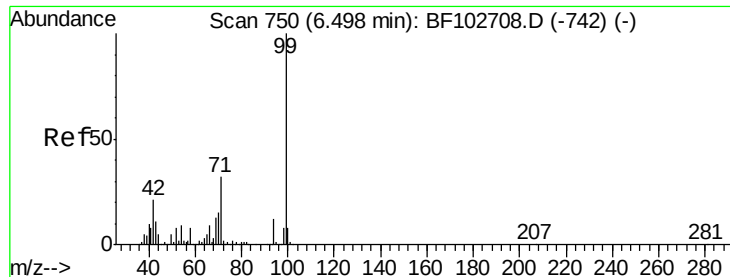
Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	93	Resp:	342289
Ion Ratio	Lower	Upper	
93	100		
66	43.4	32.2	48.2
65	22.5	16.4	24.6





#7

Phenol-d6

Concen: 112.790 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleId :

PB106115BSD

Tot Ion: 99 Resp: 1453912

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

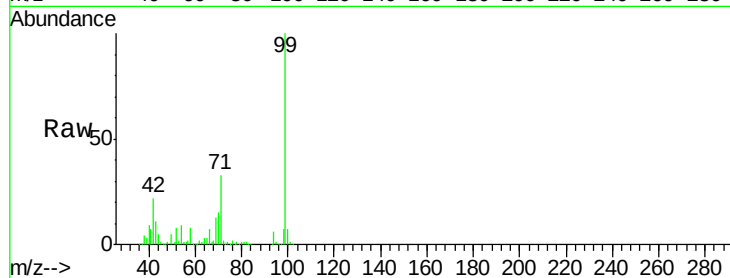
71 33.4 25.4 38.0

Manual Integrations

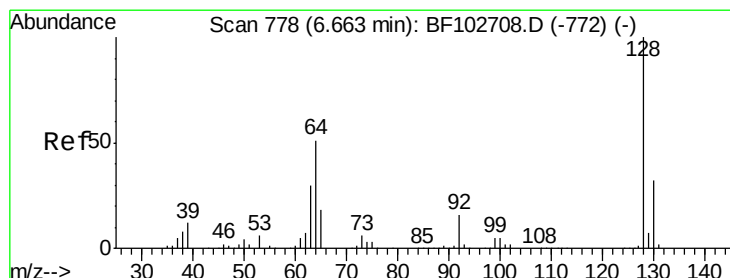
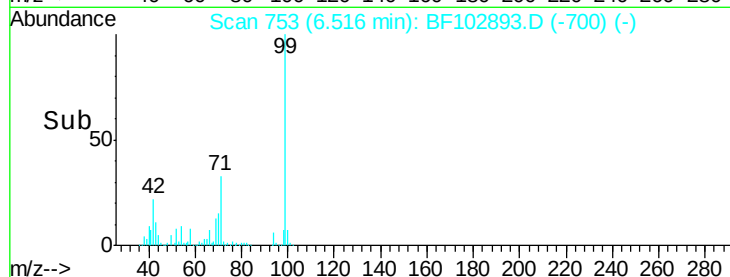
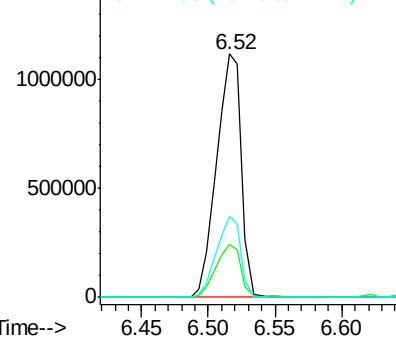
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.808 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

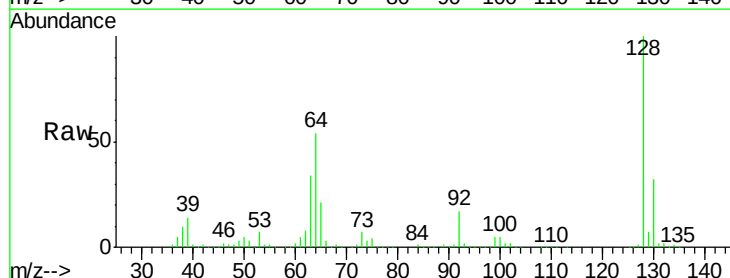
Tgt Ion: 128 Resp: 449767

Ion Ratio Lower Upper

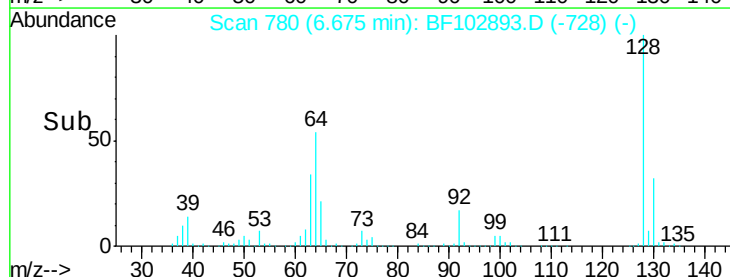
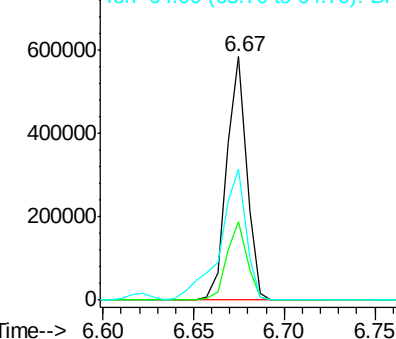
128 100

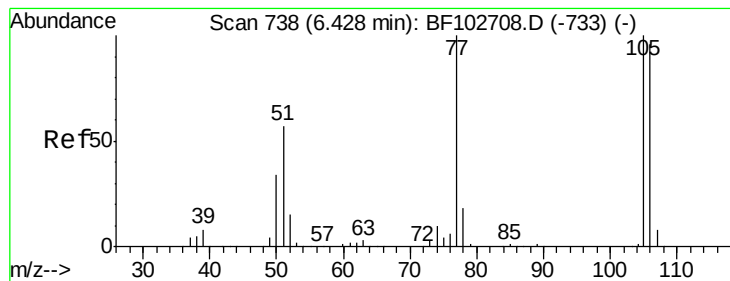
130 32.2 13.0 53.0

64 53.8 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: 24.136 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF102893.D

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Instrument :

BNA_F

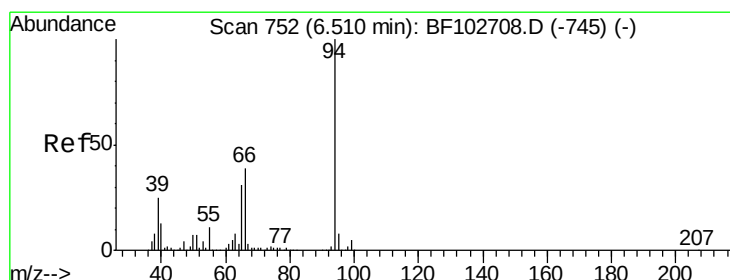
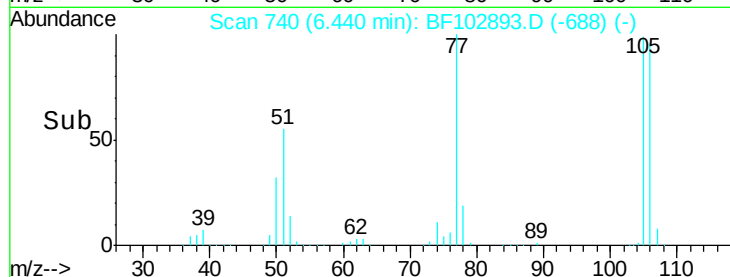
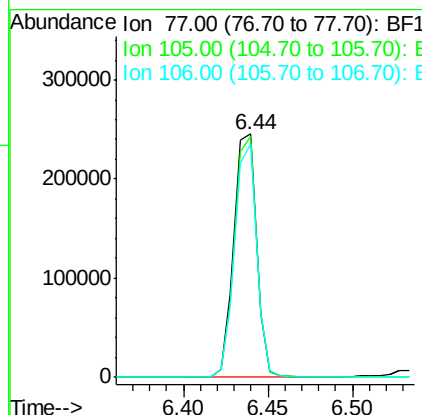
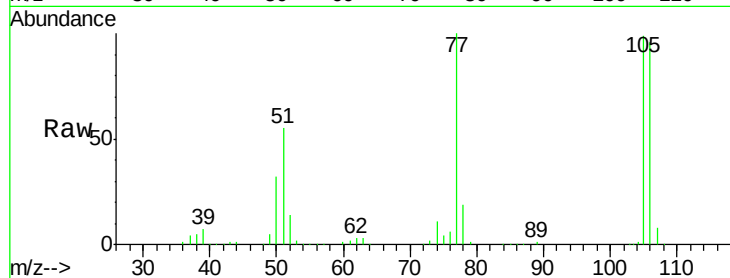
ClientSampleId :

PB106115BSD

Tot Ion:	77	Resp:	231052
Ion Ratio	Lower	Upper	
77	100		
105	99.1	81.1	121.1
106	95.6	74.5	114.5

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#10

Phenol

Concen: 41.995 ng

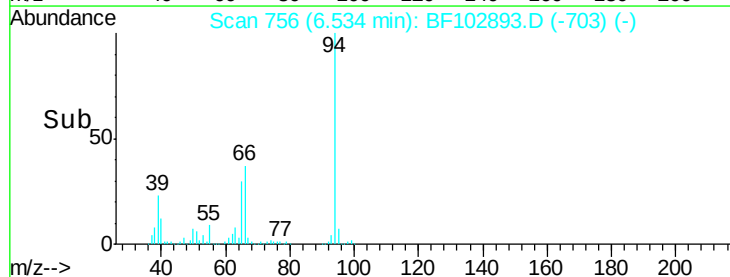
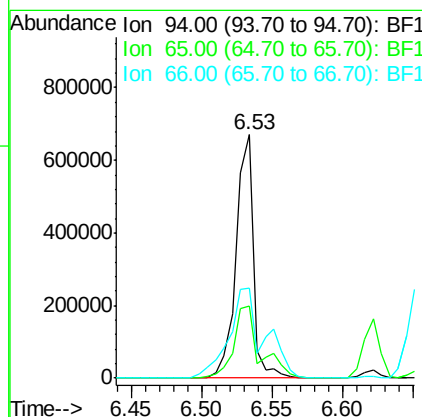
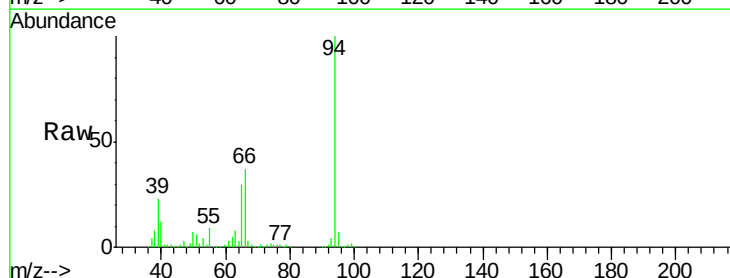
RT: 6.53 min Scan# 756

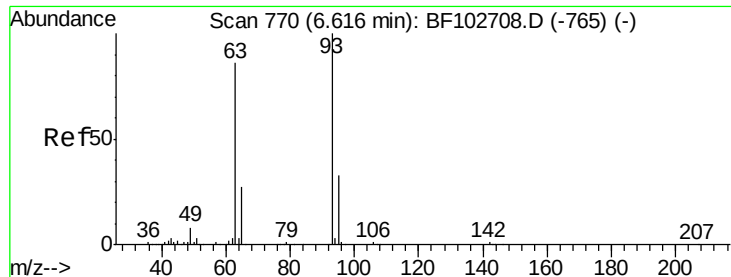
Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	94	Resp:	580132
Ion Ratio	Lower	Upper	
94	100		
65	29.7	7.9	47.9
66	37.0	16.2	56.2





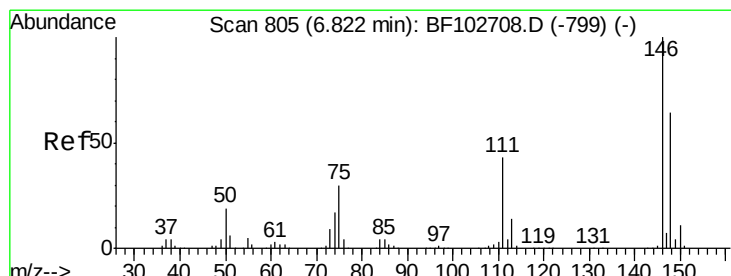
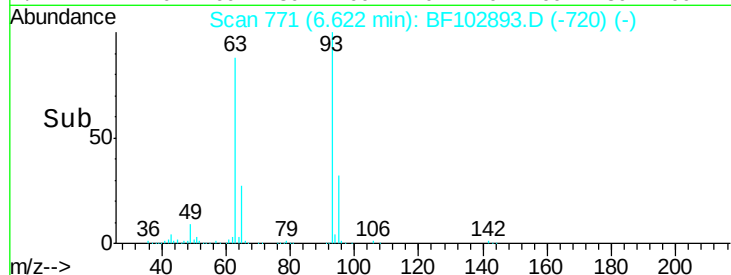
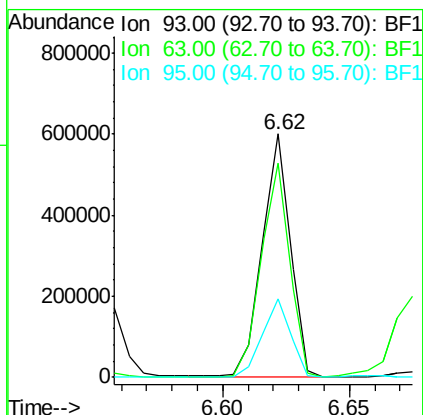
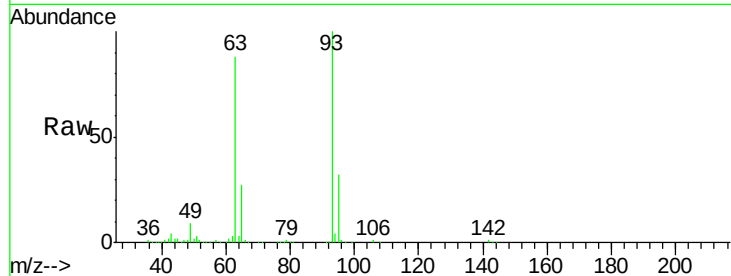
#11
bis(2-Chloroethyl)ether
Concen: 40.748 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	58.6	98.6
95	32.1	11.8	51.8

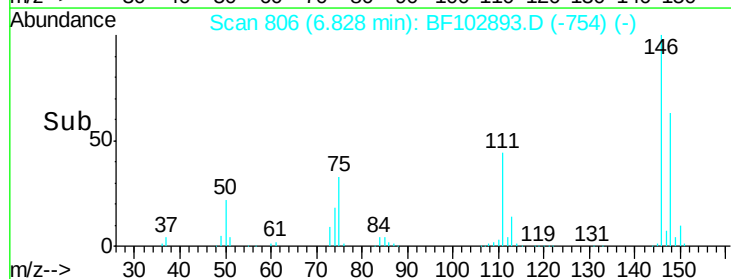
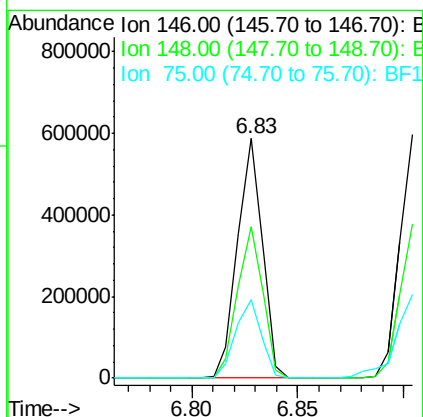
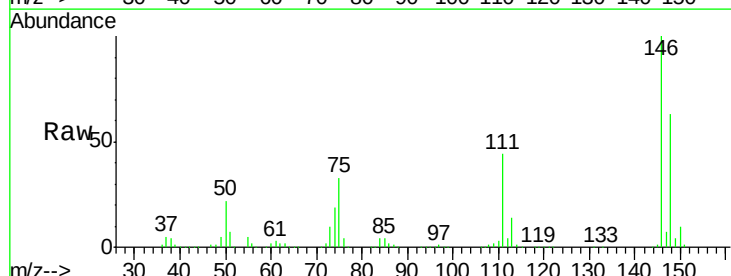
Manual Integrations
APPROVED

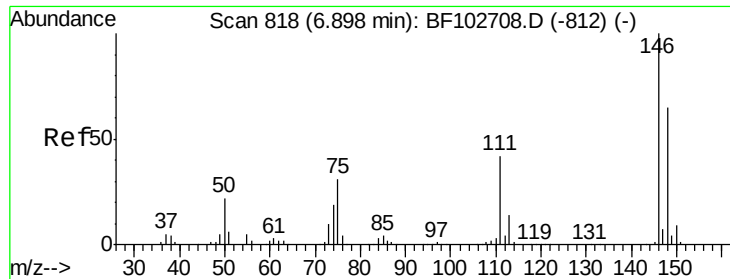
Sohil
2/13/2018 4:36:49 AM



#12
1,3-Dichlorobenzene
Concen: 37.467 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	33.0	24.2	36.4





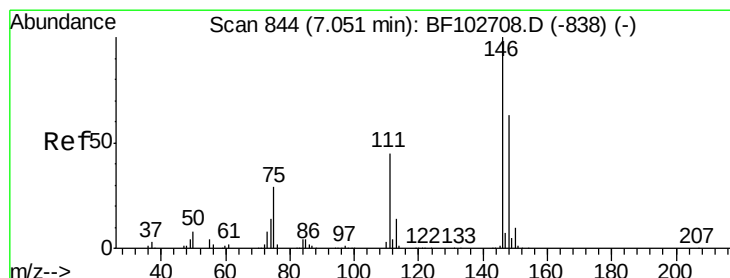
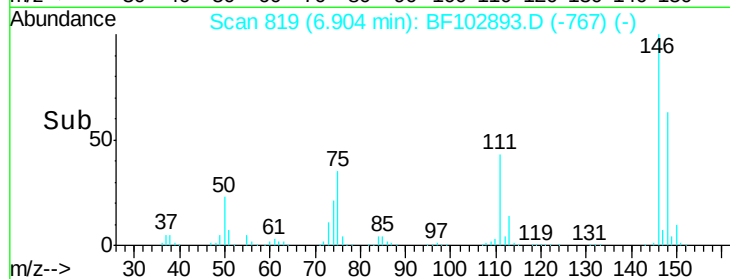
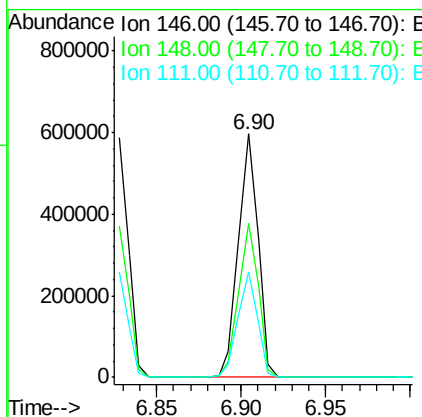
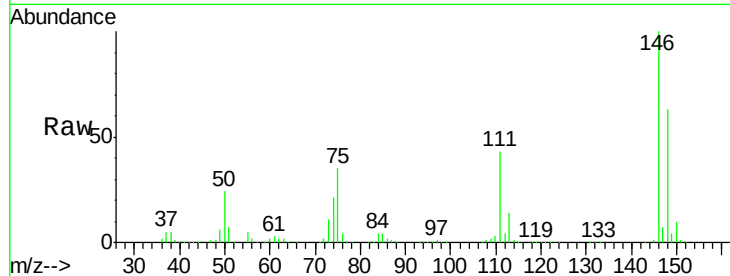
#13
 1,4-Dichlorobenzene
 Concen: 37.975 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	43.2	34.2	51.2

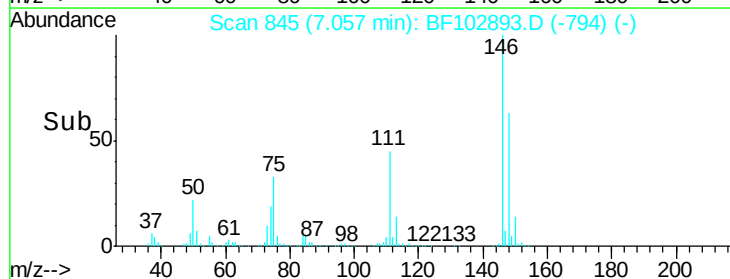
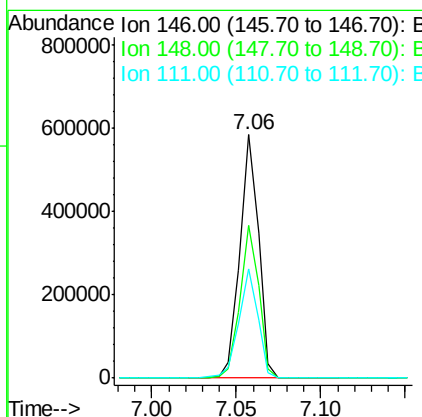
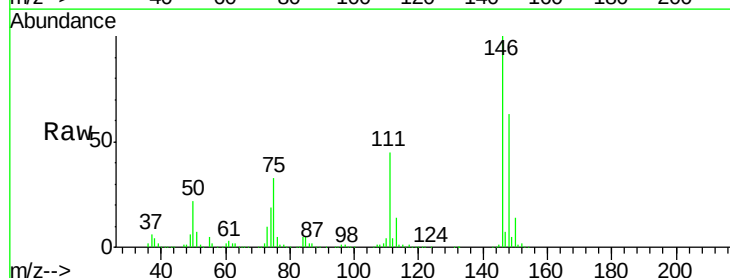
Manual Integrations
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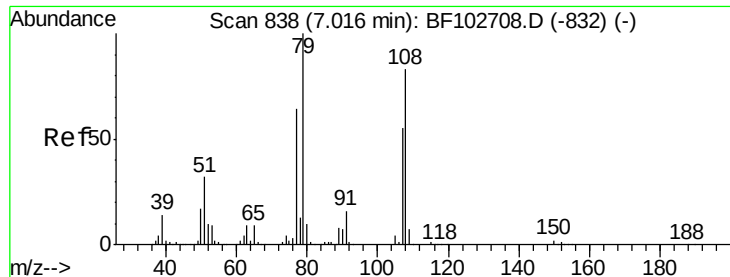
Sohil
 2/13/2018 4:36:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.830 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	44.8	36.0	54.0





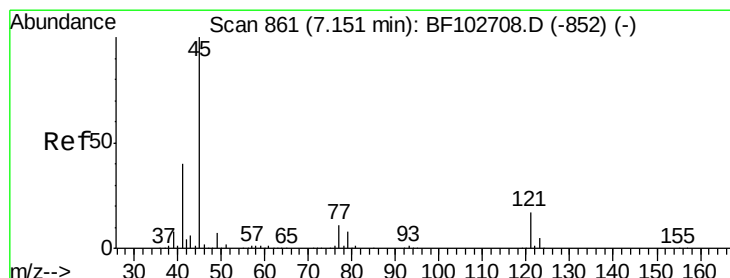
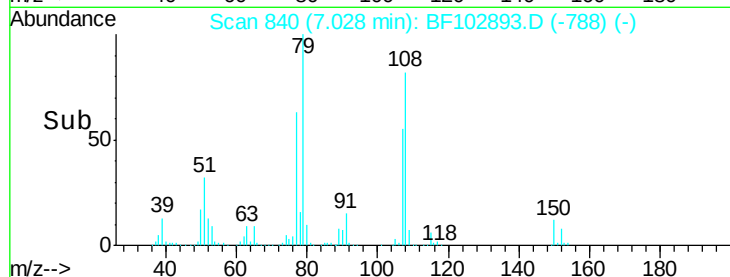
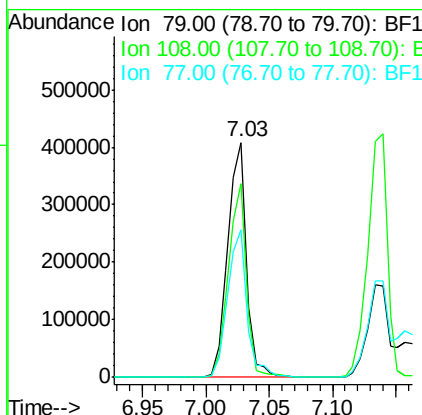
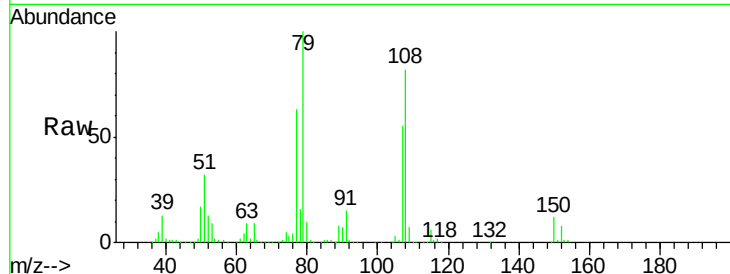
#15
Benzyl Alcohol
Concen: 42.241 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.1	97.7
77	62.8	50.6	75.8

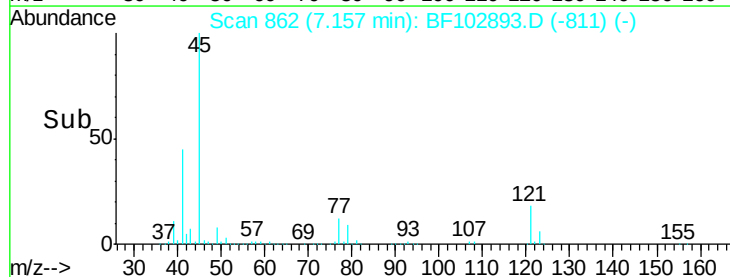
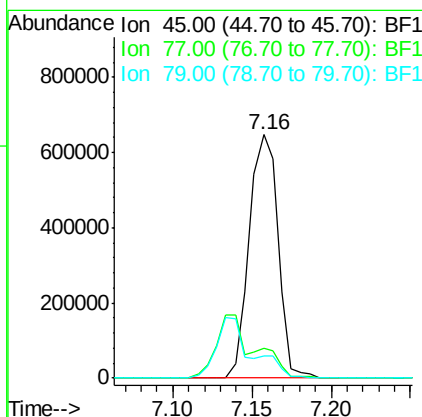
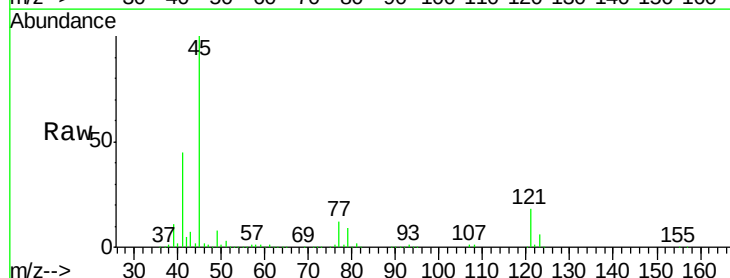
Manual Integrations
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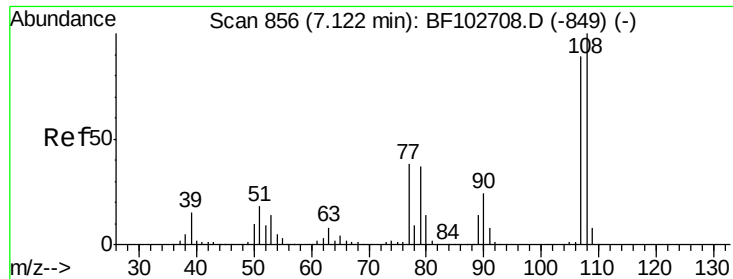
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.592 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	32.9
79	9.2	0.0	29.6





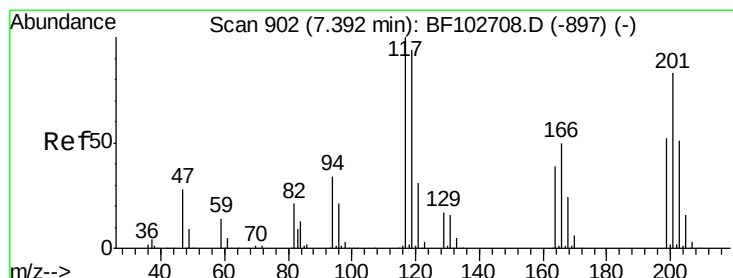
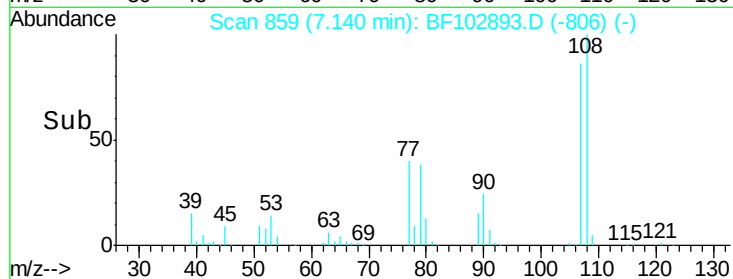
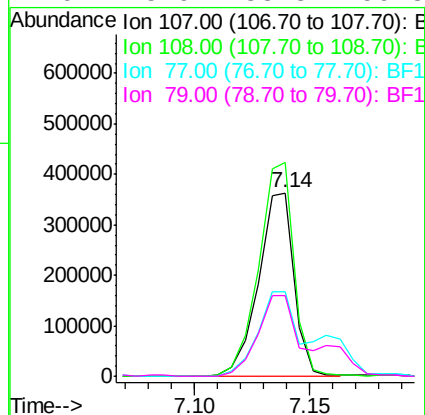
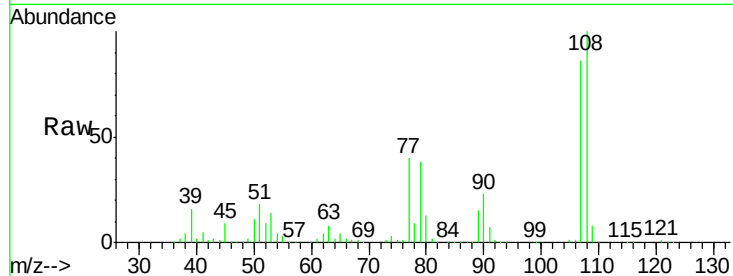
#17
2-Methylphenol
Concen: 38.205 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion:	107	Resp:	388413
Ion Ratio	Lower	Upper	
107	100		
108	116.7	91.7	137.5
77	46.3	33.8	50.8
79	43.9	33.8	50.8

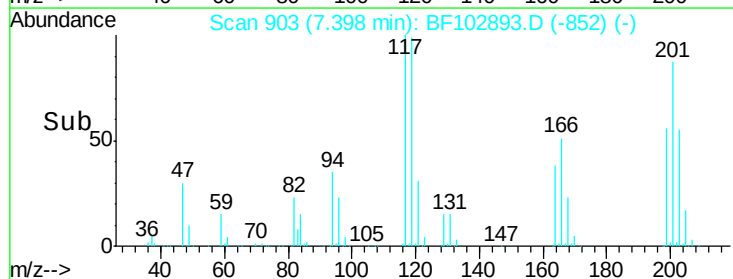
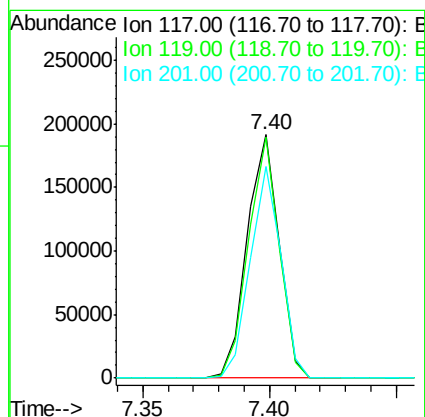
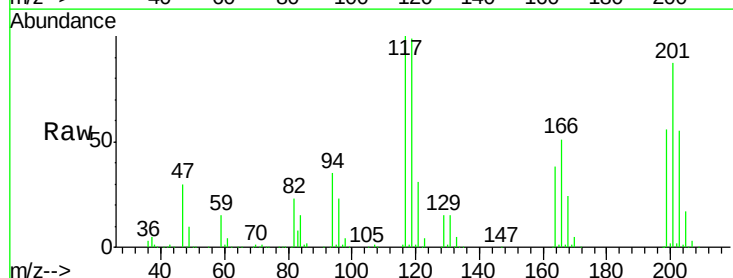
Manual Integrations
APPROVED

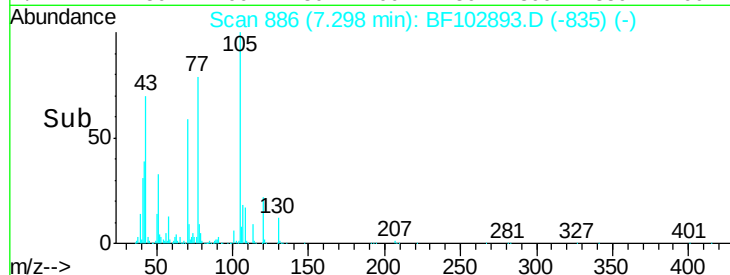
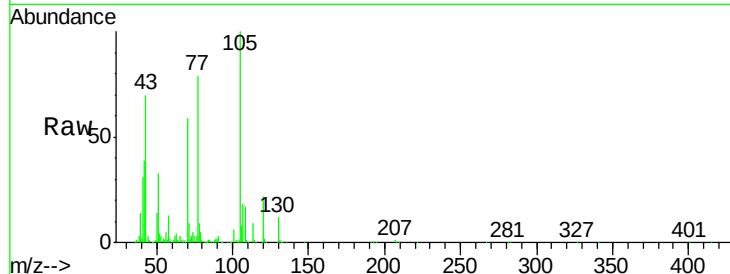
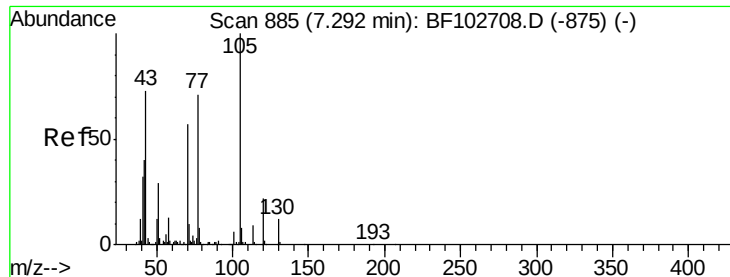
Sohil
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#18
Hexachloroethane
Concen: 38.666 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:	117	Resp:	168576
Ion Ratio	Lower	Upper	
117	100		
119	99.2	75.8	113.8
201	86.7	75.7	113.5





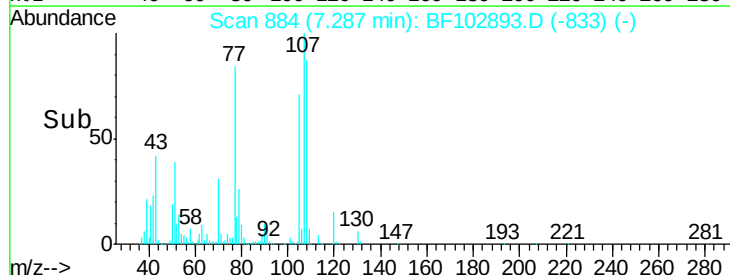
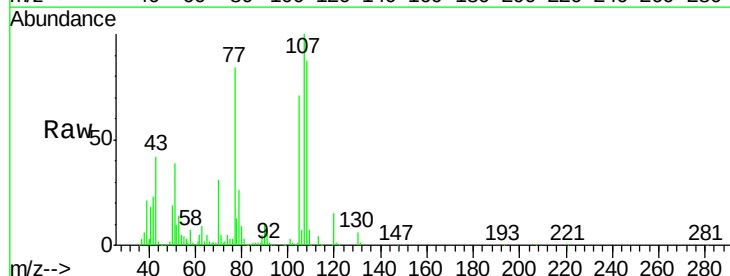
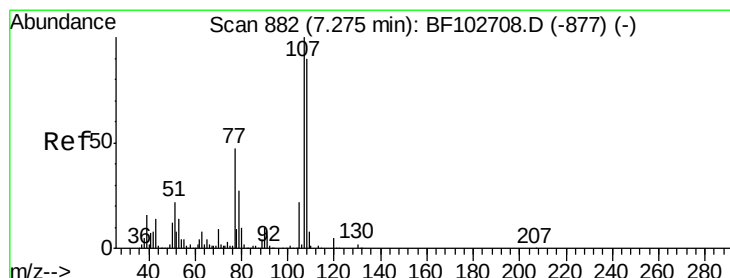
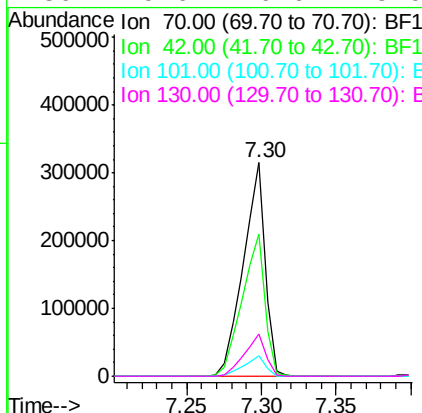
#19
n-Nitroso-di-n-propylamine
Concen: 37.889 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	70	Resp	322016
Ion Ratio	Lower	Upper	
70	100		
42	66.4	47.5	71.3
101	9.5	7.4	11.2
130	19.6	16.6	25.0

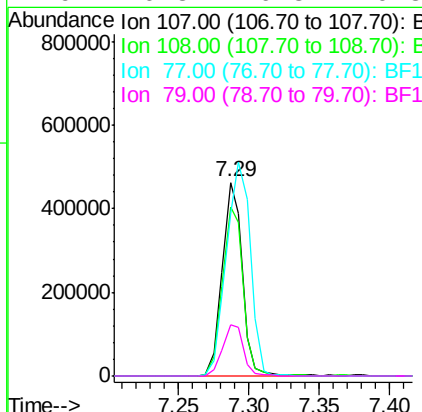
Manual Integrations
APPROVED

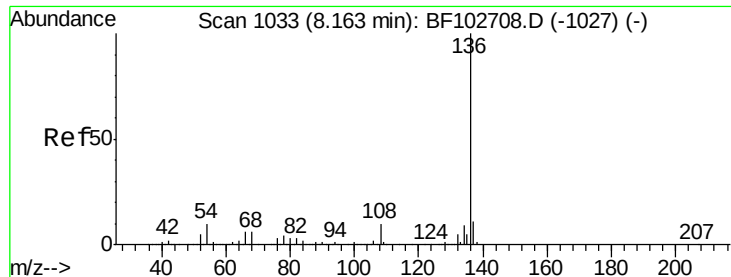
Sohil
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#20
3+4-Methylphenols
Concen: 36.396 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	107	Resp	456294
Ion Ratio	Lower	Upper	
107	100		
108	87.3	68.2	108.2
77	83.8	26.7	66.7#
79	26.3	6.3	46.3





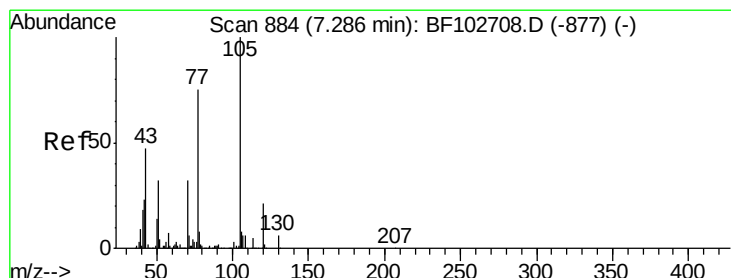
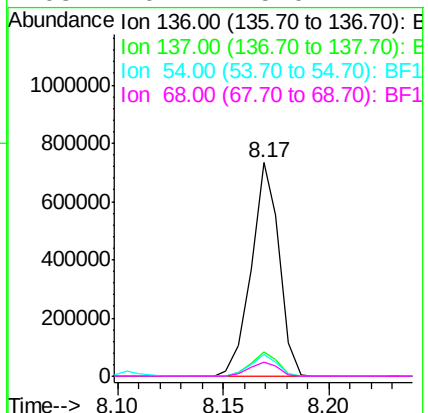
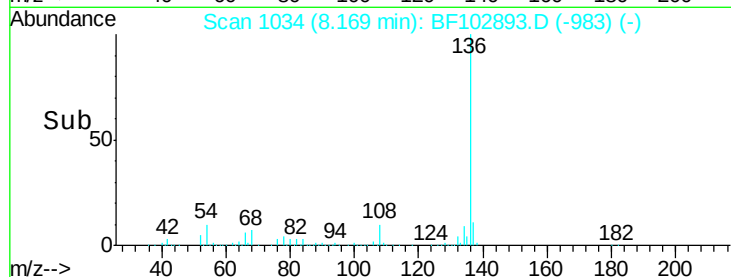
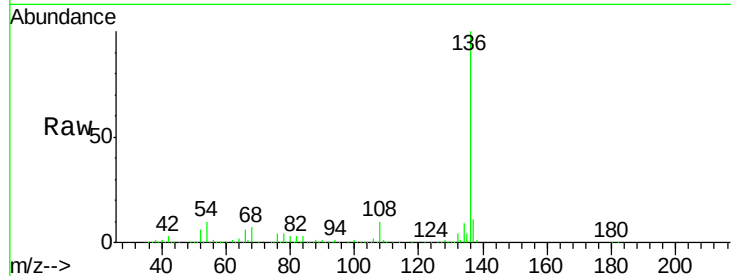
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.2	6.6	9.8	
68	6.7	5.0	7.4	

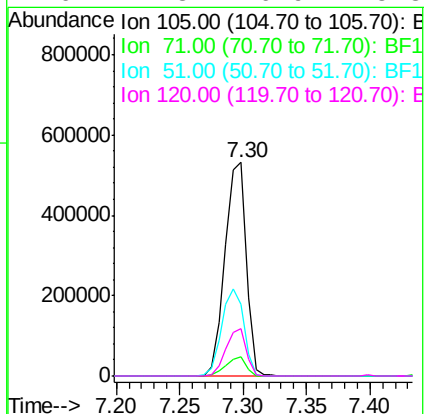
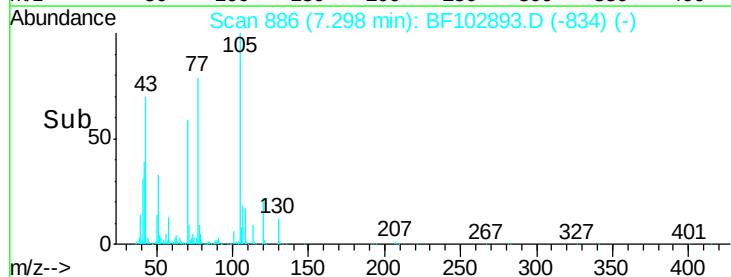
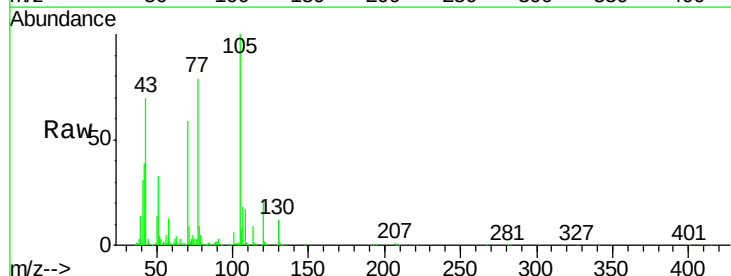
Manual Integrations
APPROVED

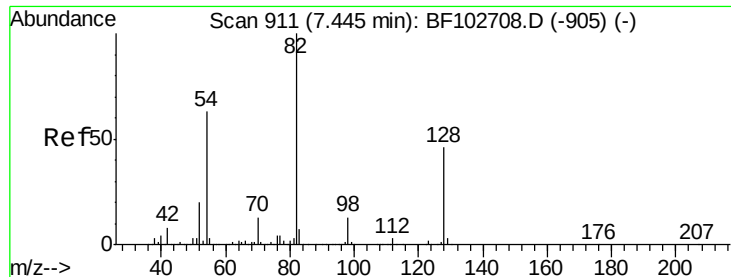
Sohil
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#22
Acetophenone
Concen: 37.795 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	4.4	6.6	
51	33.3	22.3	33.5	
120	22.3	16.9	25.3	





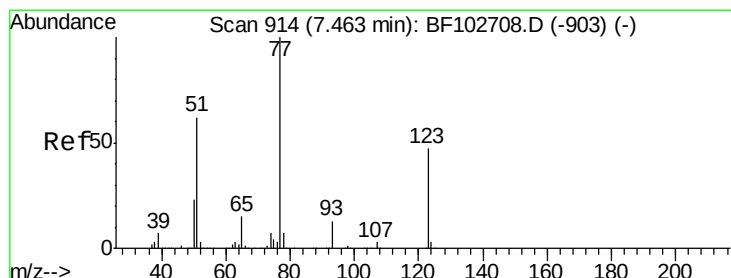
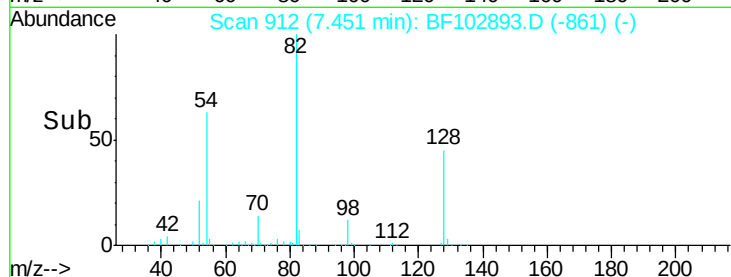
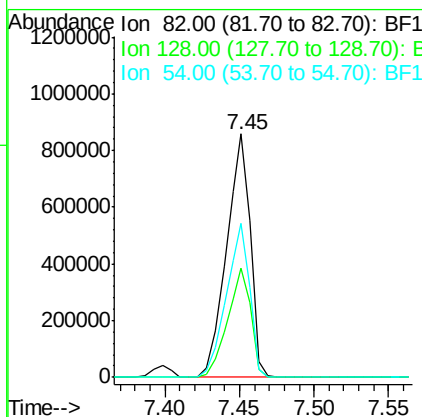
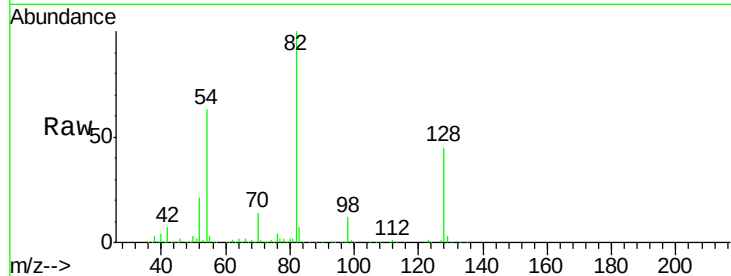
#23
Nitrobenzene-d5
Concen: 99.704 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	36.1	54.1	
54	63.2	41.4	62.2	

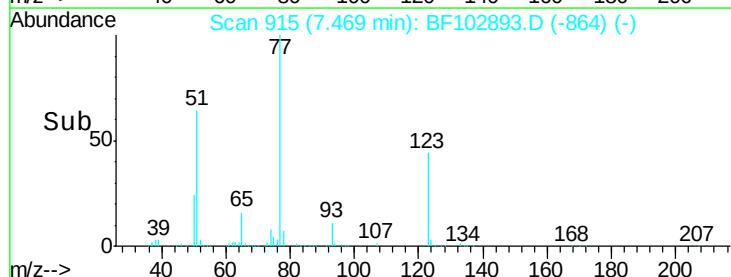
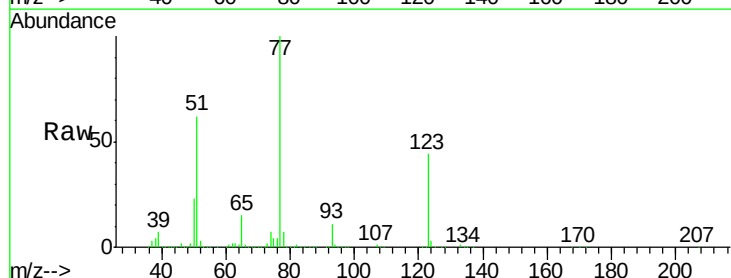
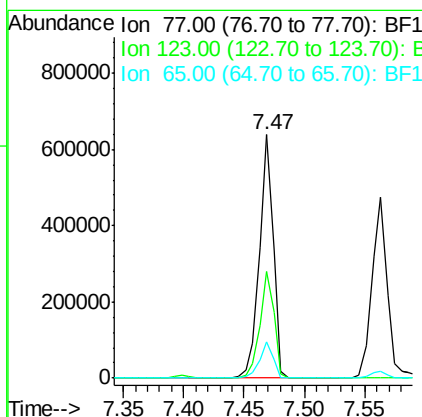
Manual Integrations
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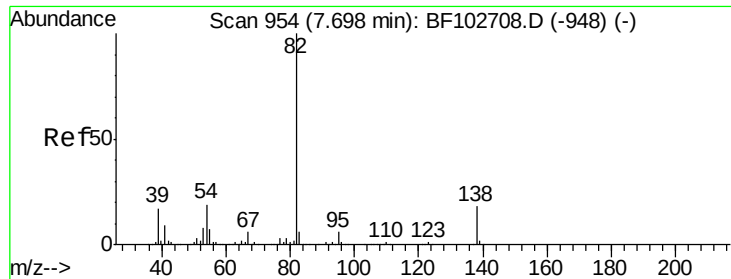
Sohil
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#24
Nitrobenzene
Concen: 45.307 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.8	37.9	56.9	
65	14.8	11.0	16.4	





#25

Isophorone

Concen: 43.149 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

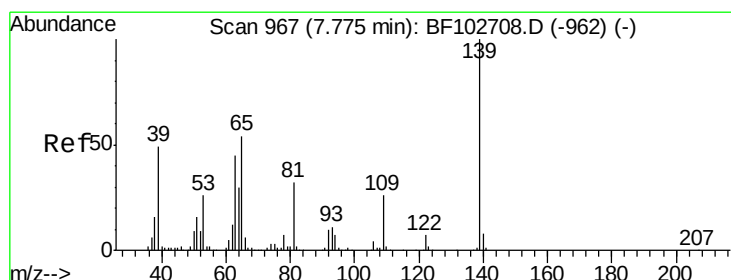
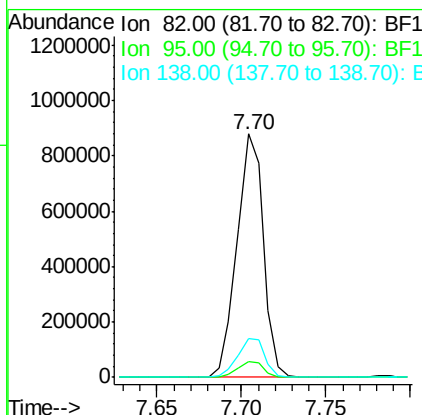
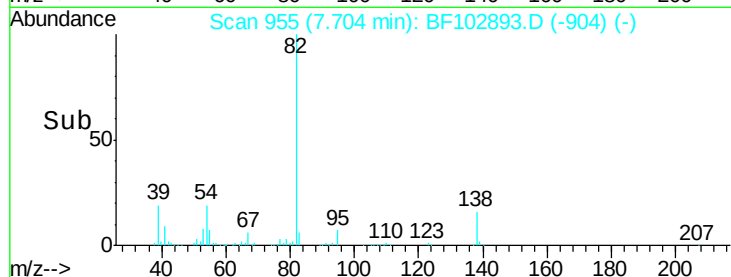
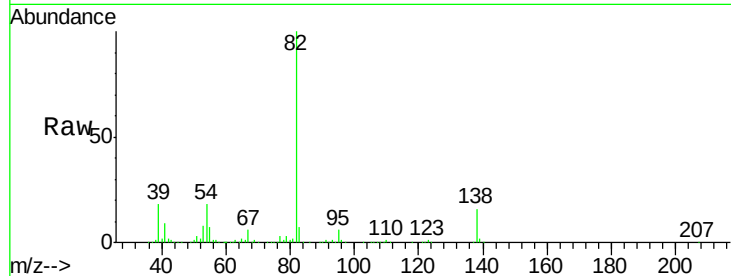
ClientSampleId :

PB106115BSD

Tot Ion:	82	Resp:	957334
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	15.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.888 ng

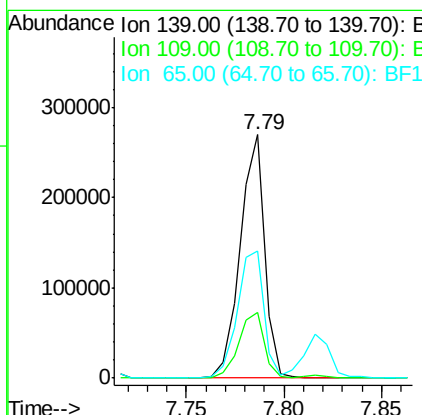
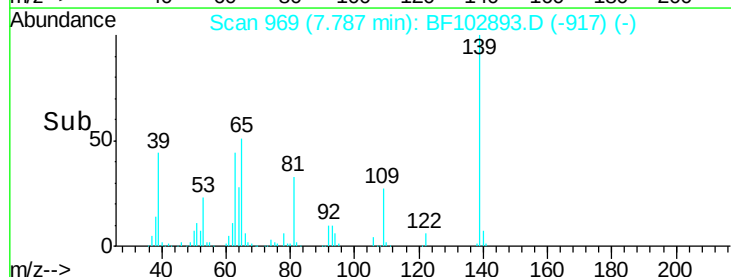
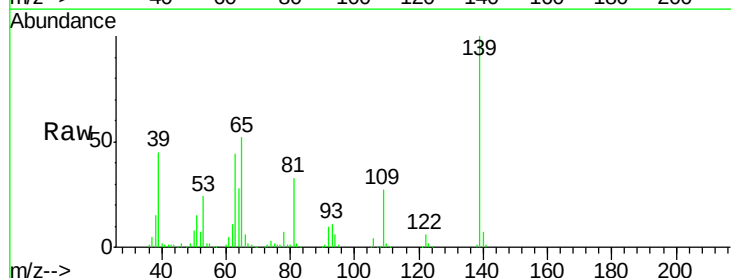
RT: 7.79 min Scan# 969

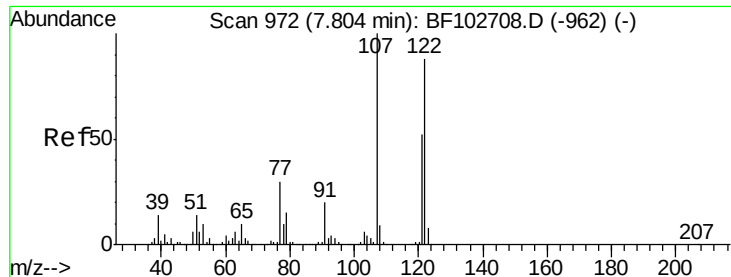
Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	139	Resp:	234231
Ion Ratio	Lower	Upper	
139	100		
109	27.1	22.7	34.1
65	52.0	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.513 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

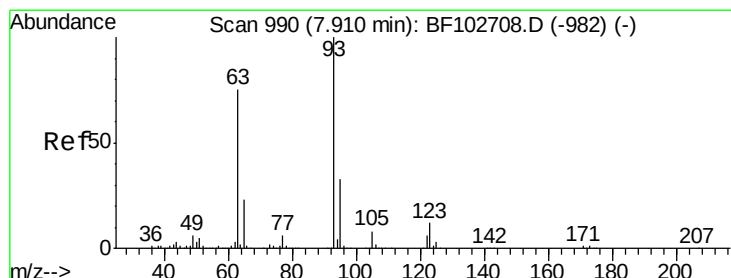
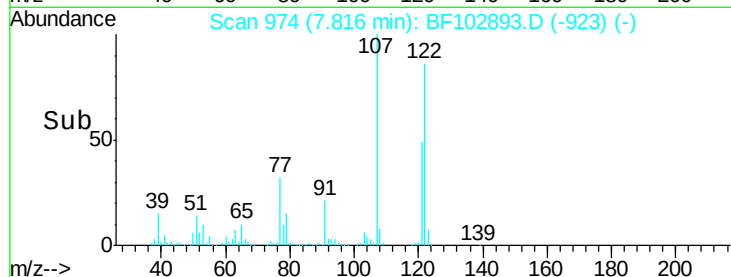
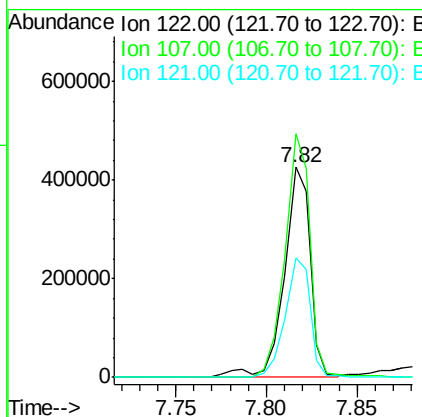
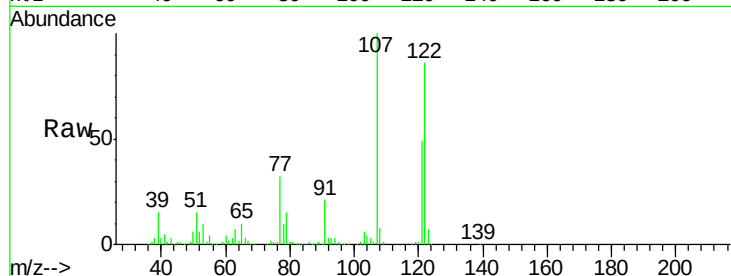
ClientSampleId :

PB106115BSD

Tot Ion:	122	Resp:	426619
Ion Ratio	Lower	Upper	
122	100		
107	116.1	91.2	136.8
121	56.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.109 ng

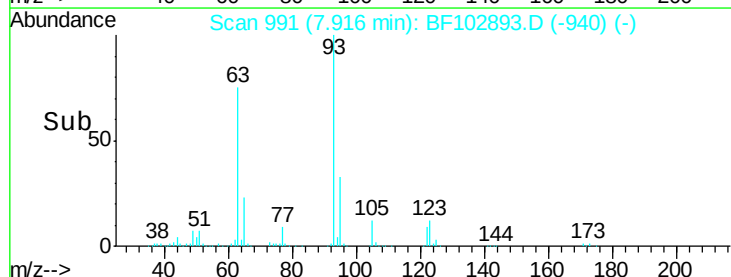
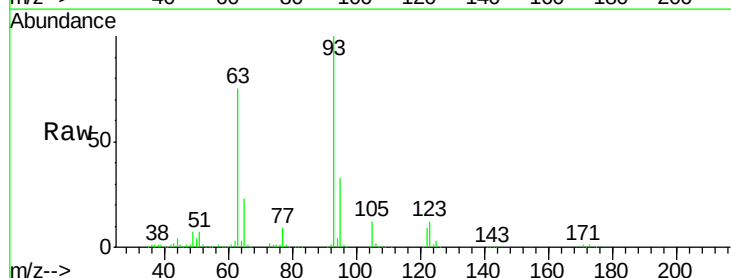
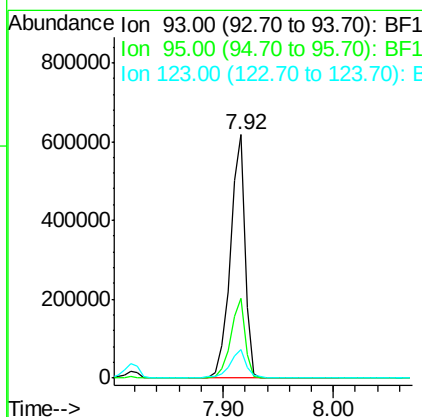
RT: 7.92 min Scan# 991

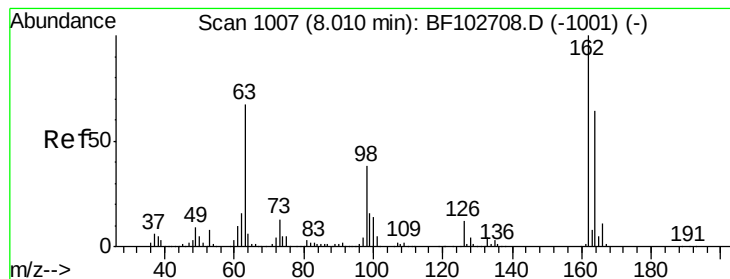
Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	93	Resp:	579732
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	12.0	9.8	14.6





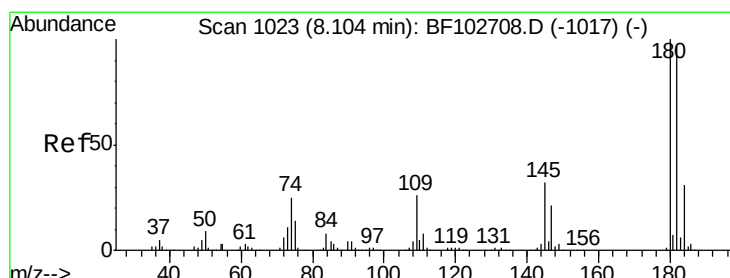
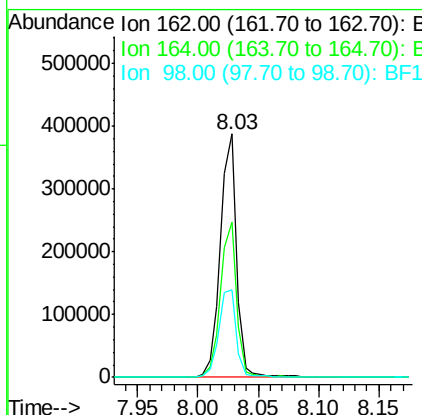
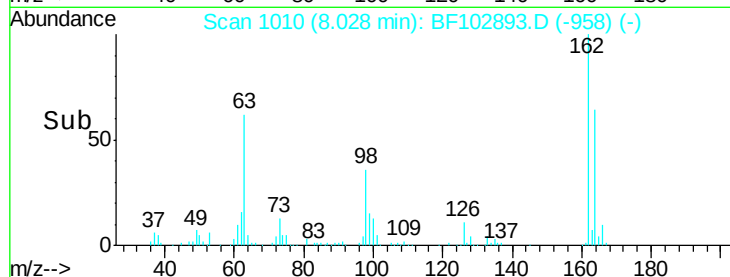
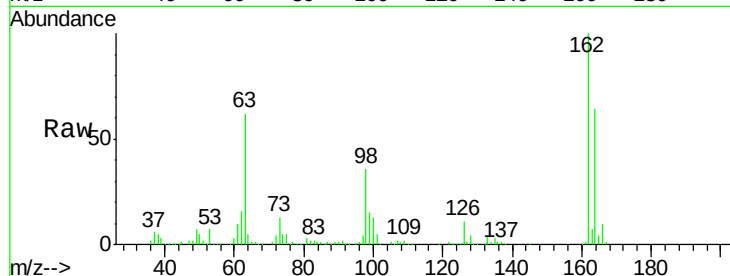
#29
 2,4-Dichlorophenol
 Concen: 42.327 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleID :
 PB106115BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	42.7	82.7
98	36.1	18.1	58.1

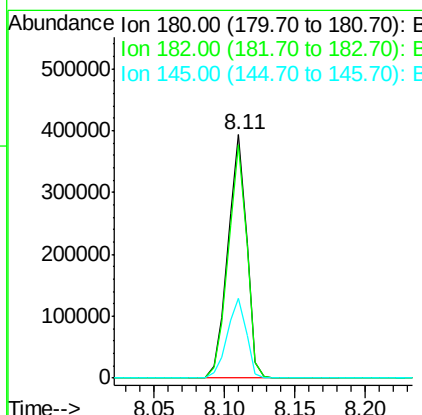
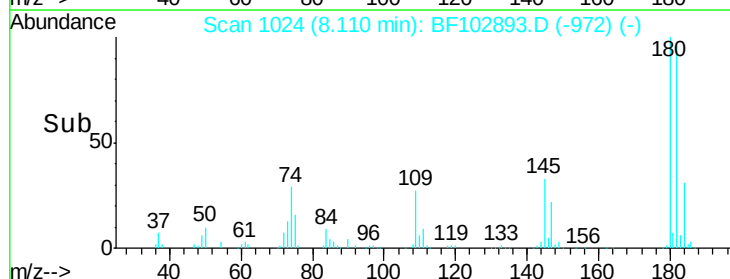
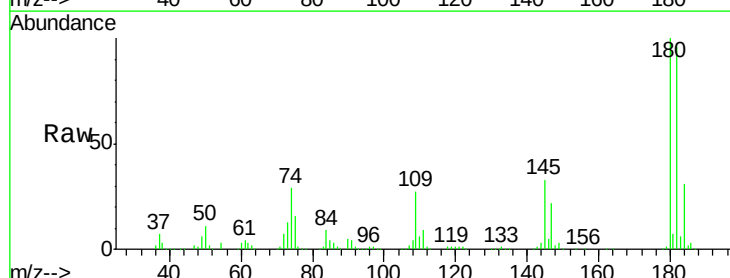
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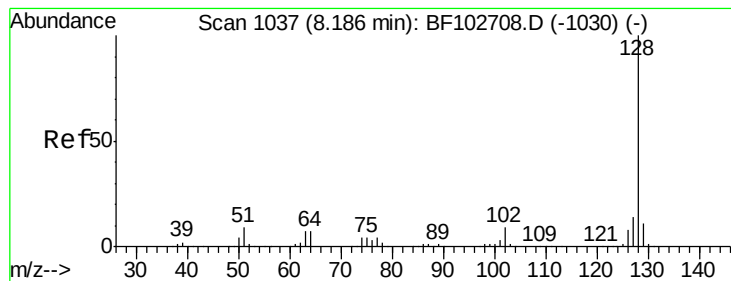
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.645 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	76.8	115.2
145	32.9	26.5	39.7





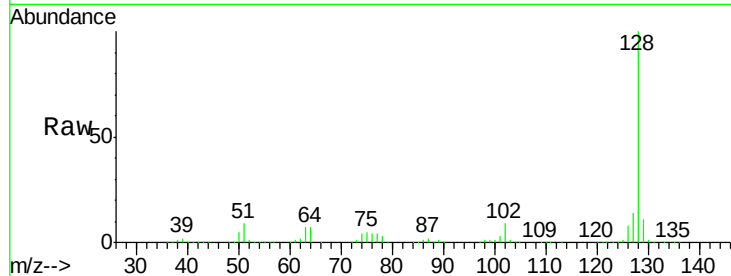
#31
Naphthalene
Concen: 38.173 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

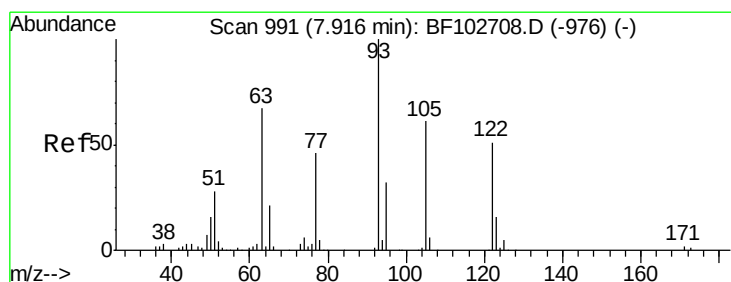
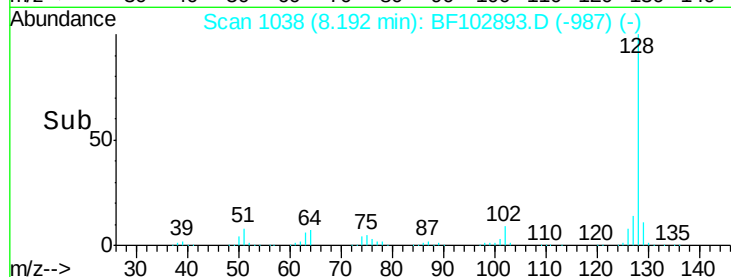
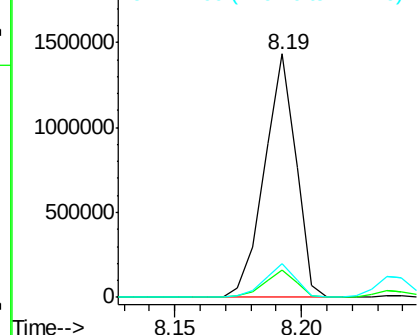
Tot Ion:128 Resp: 1246619
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

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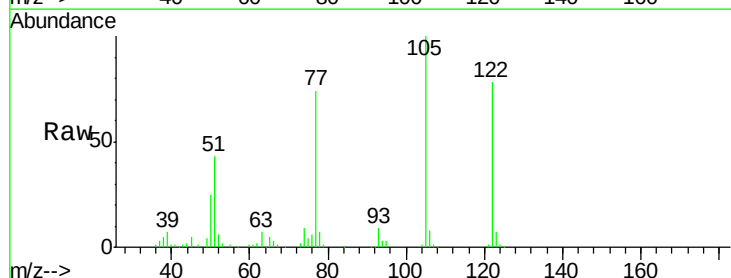


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

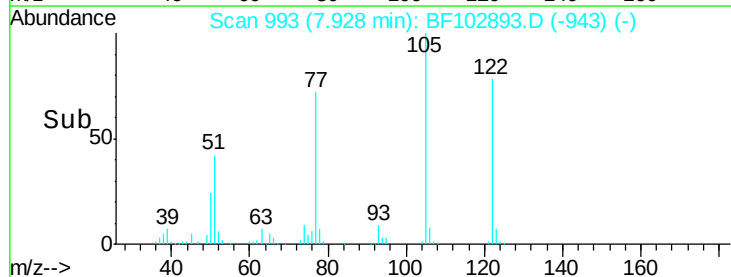
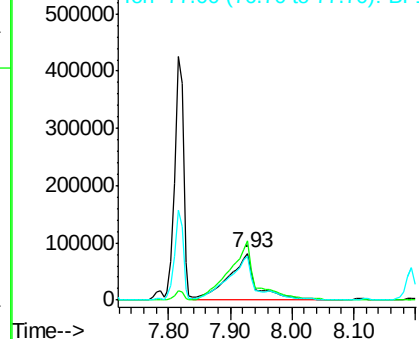


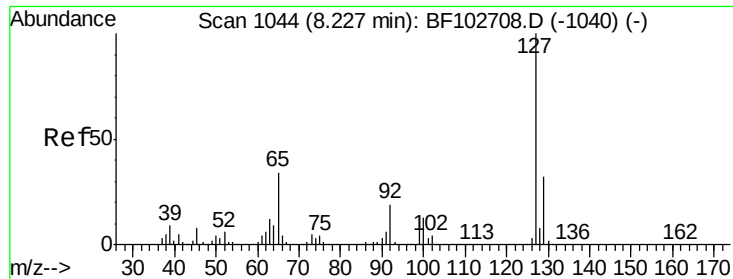
#32
Benzoic acid
Concen: 40.212 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion:122 Resp: 247433
Ion Ratio Lower Upper
122 100
105 128.9 101.1 141.1
77 95.8 70.7 110.7



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





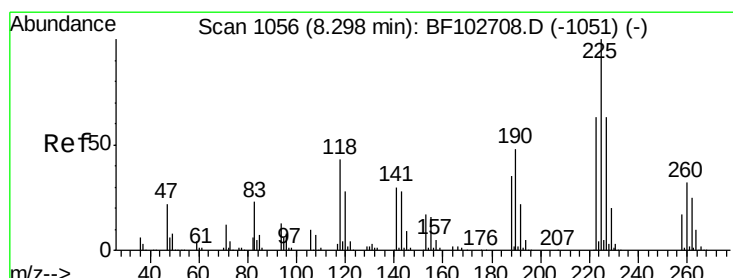
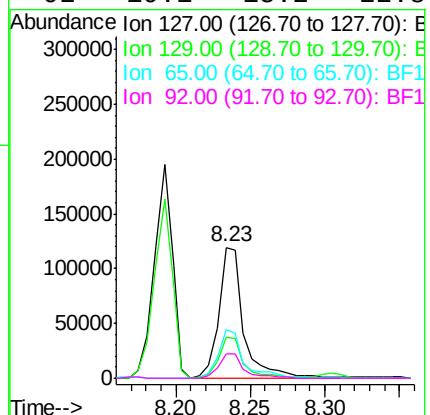
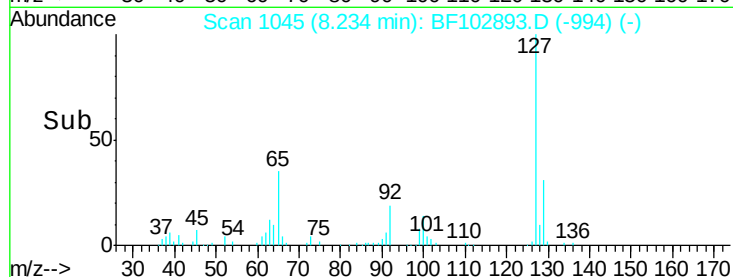
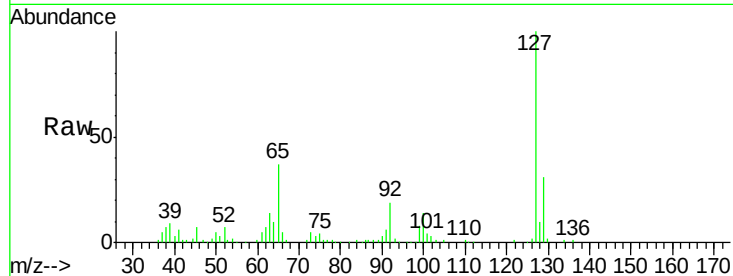
#33
4-Chloroaniline
Concen: 9.752 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.9	38.9		
65	36.9	25.0	37.4		
92	19.1	15.2	22.8		

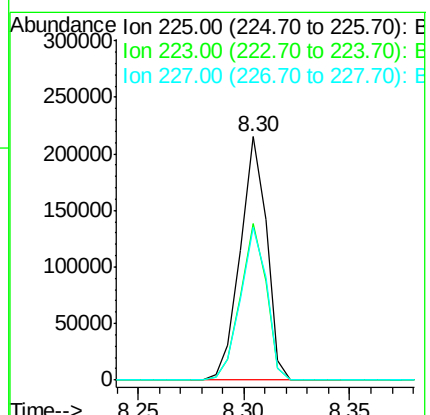
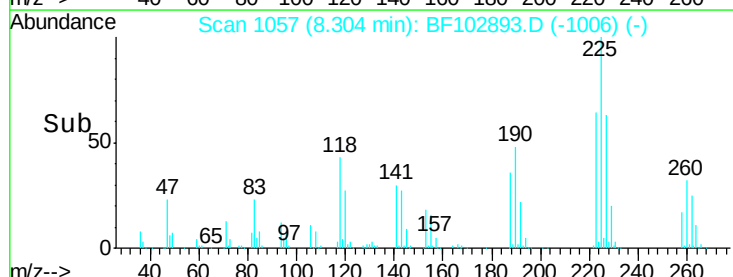
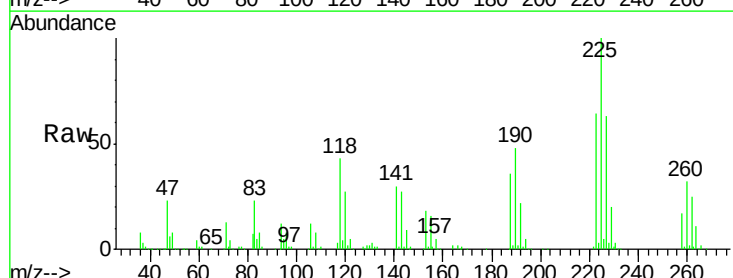
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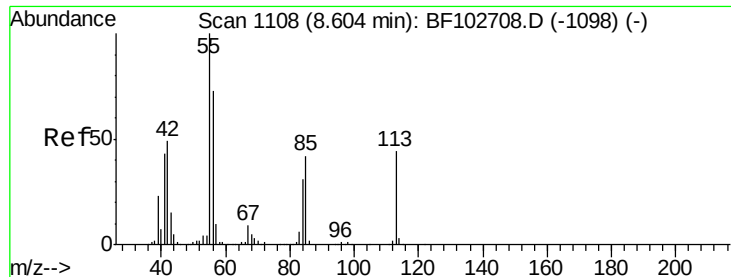
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#34
Hexachlorobutadiene
Concen: 37.485 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	50.6	76.0		
227	62.9	51.9	77.9		





#35

Caprolactam

Concen: 42.436 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

ClientSampleID :

PB106115BSD

Tot Ion:113 Resp: 125579

Ion Ratio Lower Upper

113 100

55 224.6 163.3 203.3#

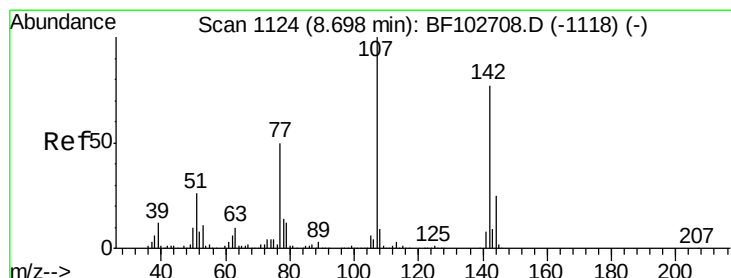
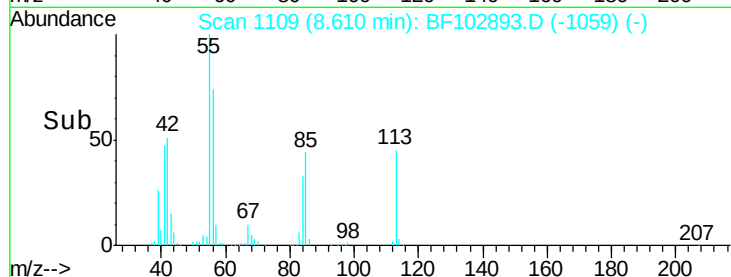
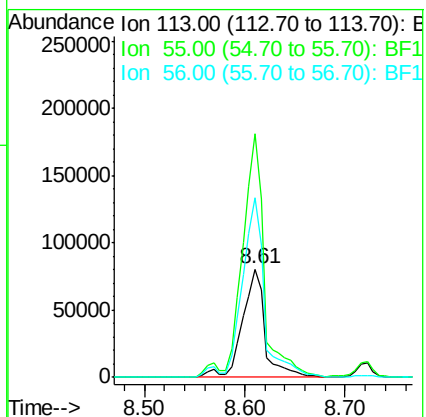
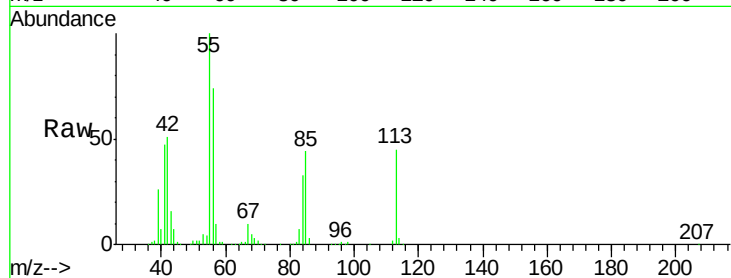
56 165.9 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.025 ng/ml

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

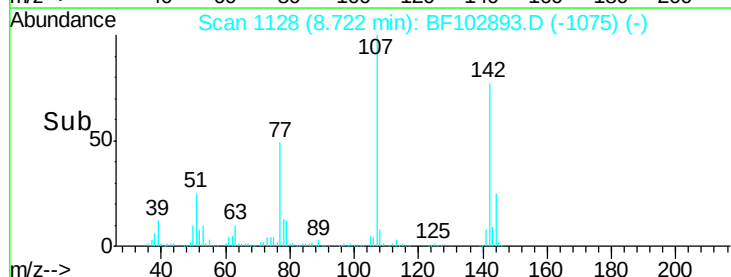
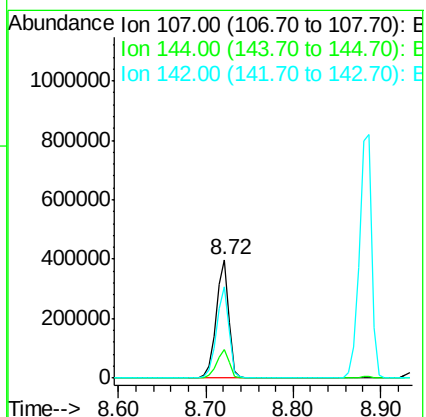
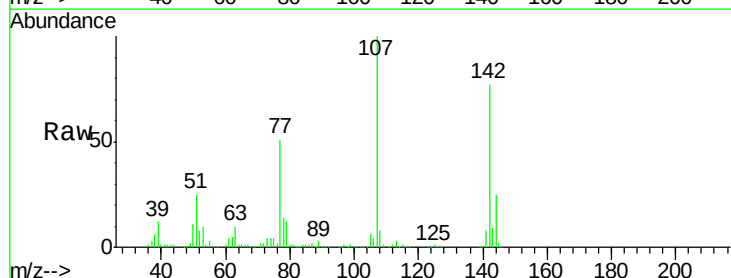
Tgt Ion:107 Resp: 402358

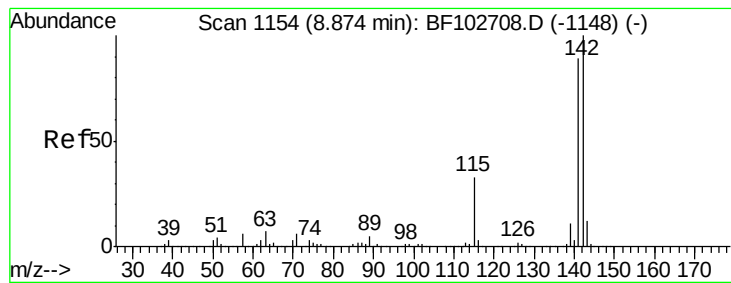
Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

142 77.2 62.0 93.0





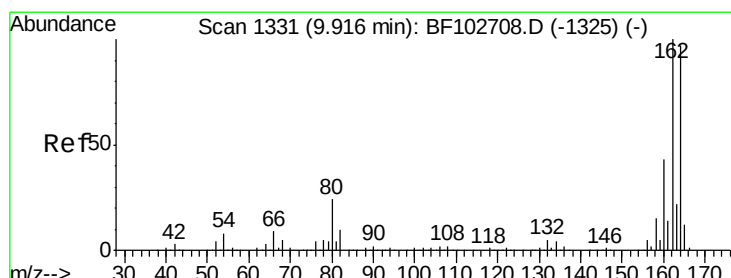
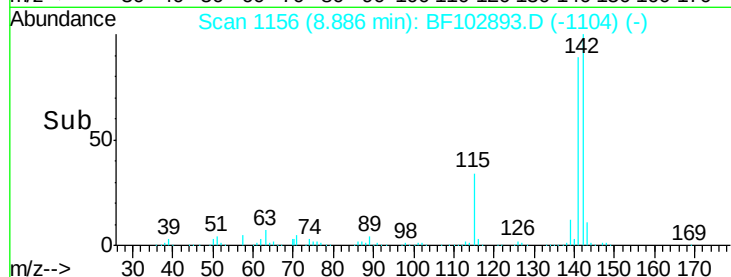
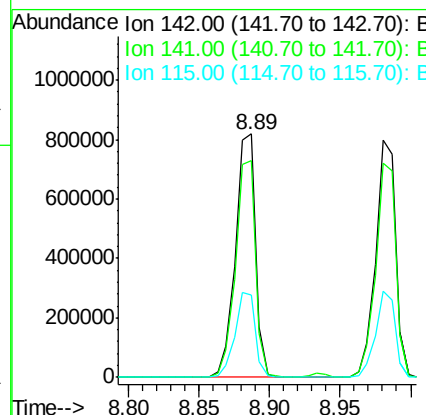
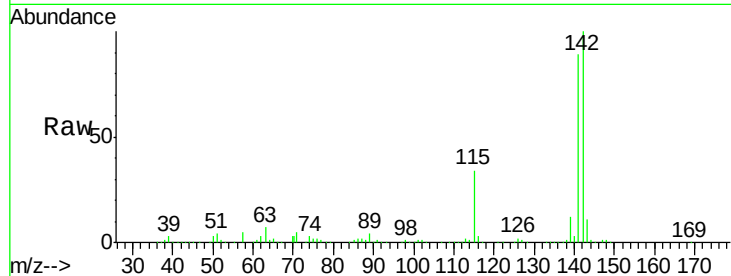
#37
2-Methylnaphthalene
Concen: 38.059 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	33.7	26.1	39.1

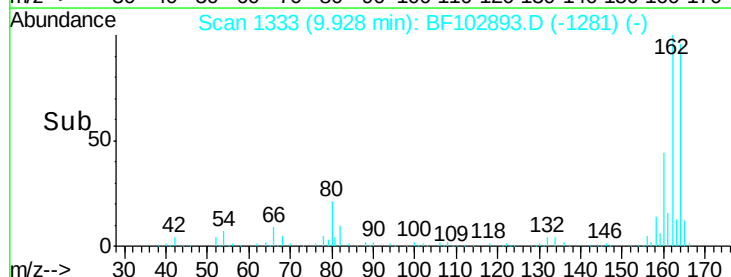
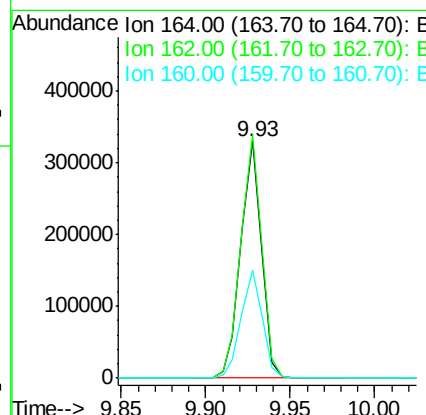
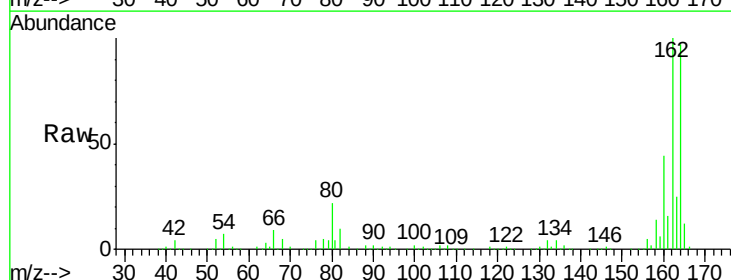
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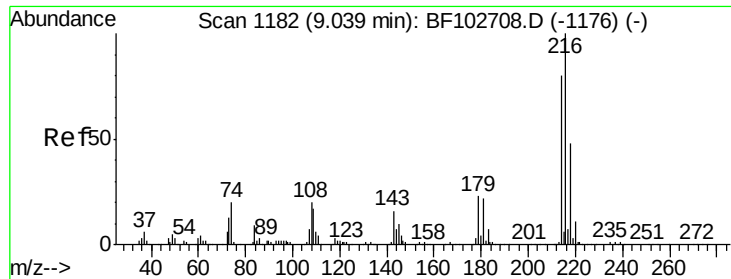
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.5	38.3	57.5





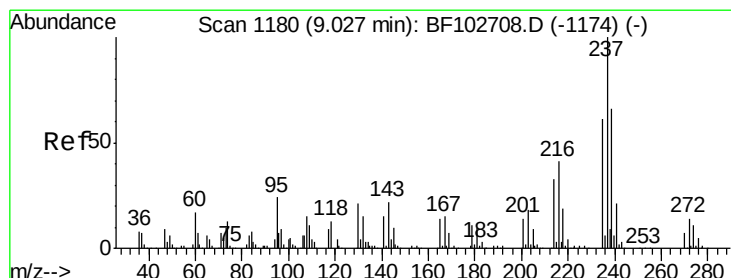
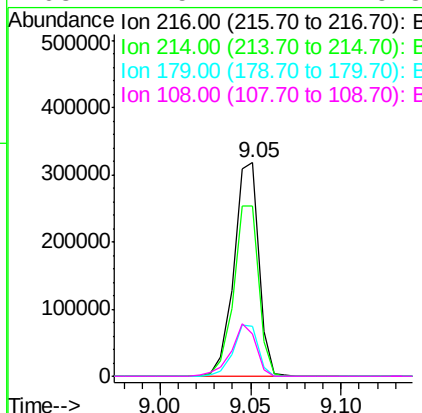
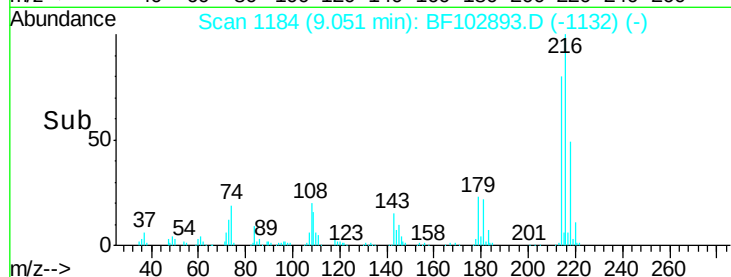
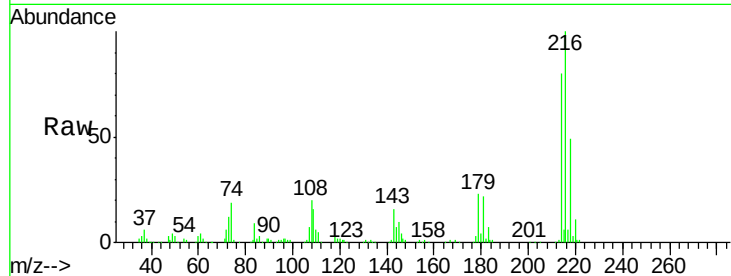
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.767 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.2	63.0	94.4	
179	23.8	18.1	27.1	
108	24.5	17.2	25.8	

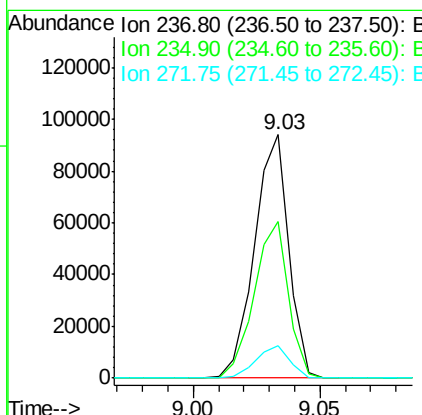
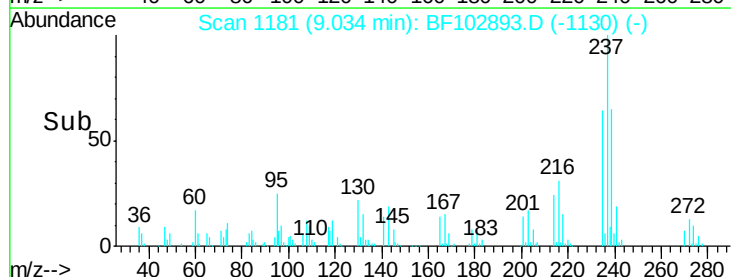
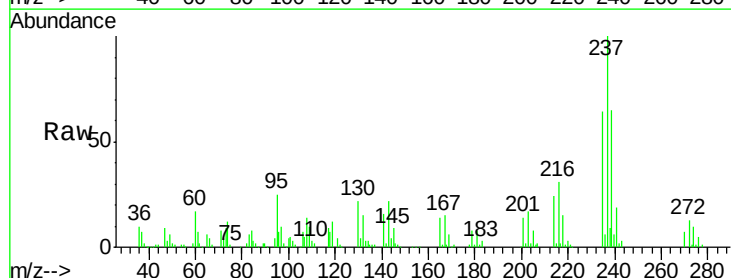
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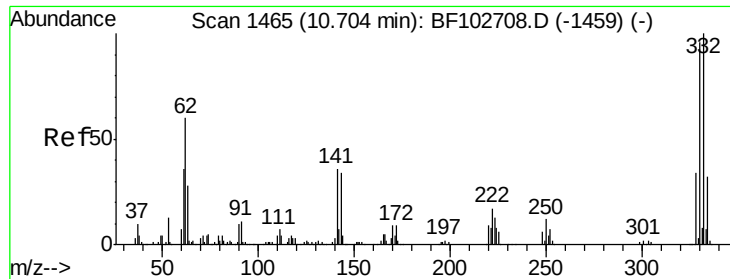
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#40
 Hexachlorocyclopentadiene
 Concen: 24.256 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.3	44.8	84.8	
272	13.1	0.0	33.3	





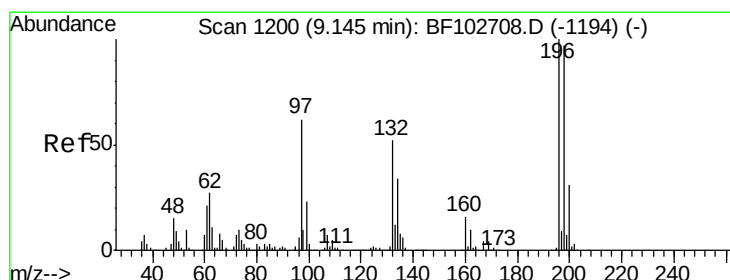
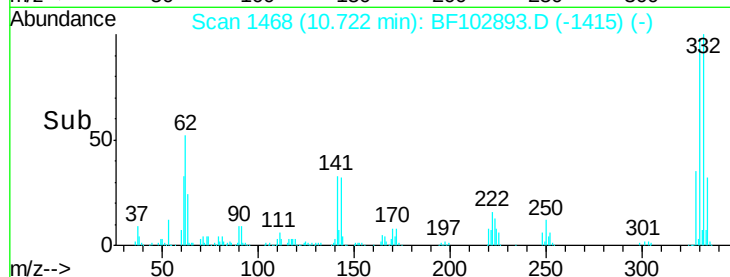
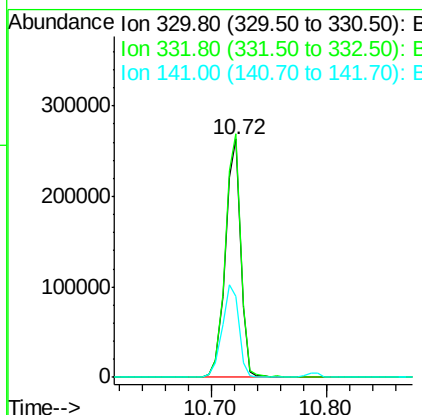
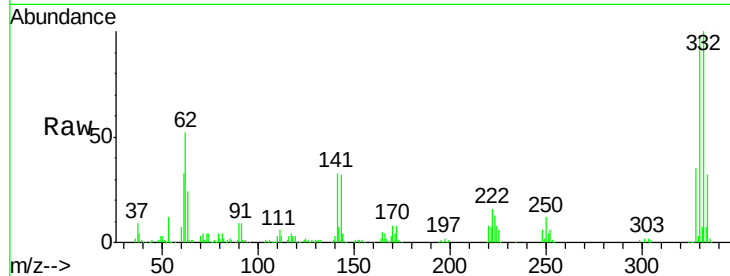
#41
 2,4,6-Tribromophenol
 Concen: 107.839 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	42.1	29.9	44.9	

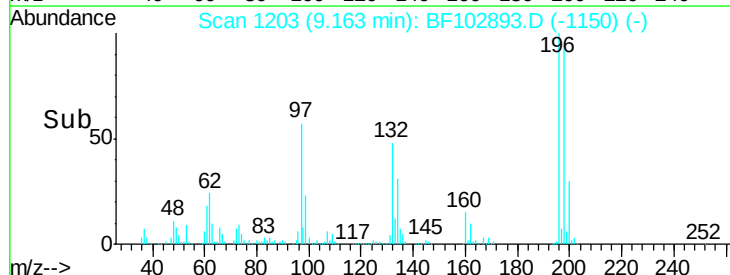
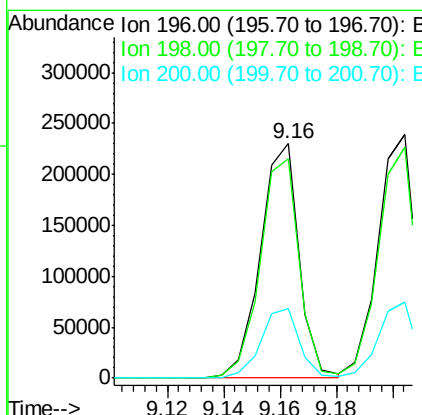
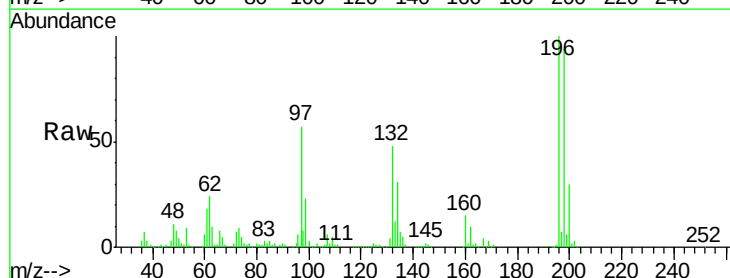
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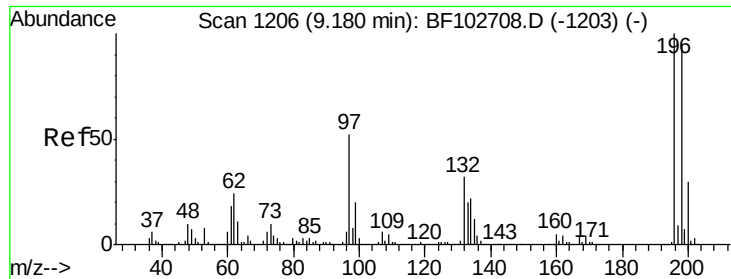
Sohil
 2/13/2018 4:36:49 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.476 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	75.7	113.5	
200	29.9	24.5	36.7	





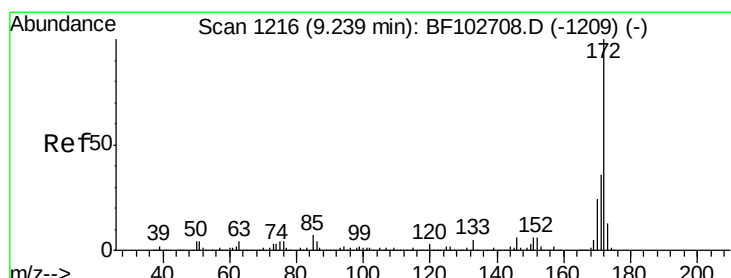
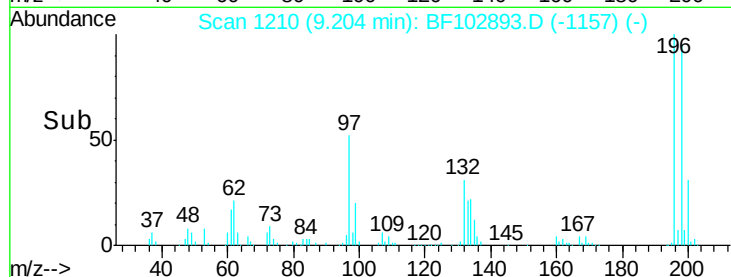
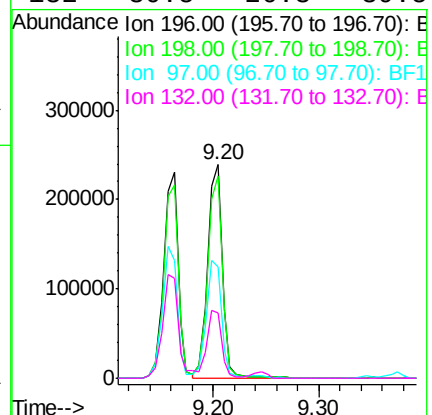
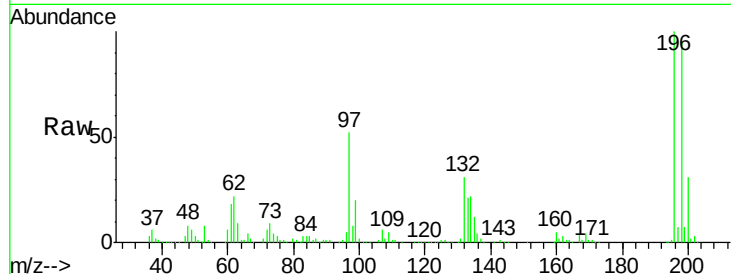
#43
 2,4,5-Trichlorophenol
 Concen: 40.673 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230272		
198	94.8	74.6	112.0	
97	52.0	42.9	64.3	
132	30.5	26.3	39.5	

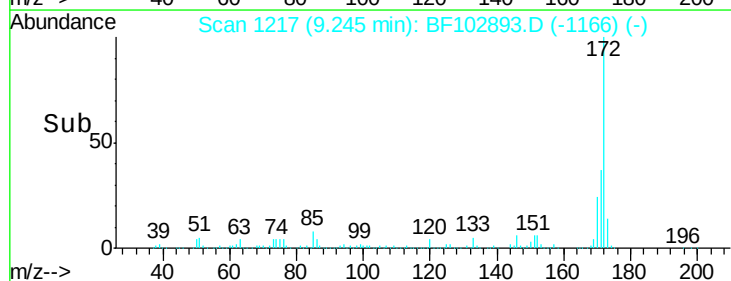
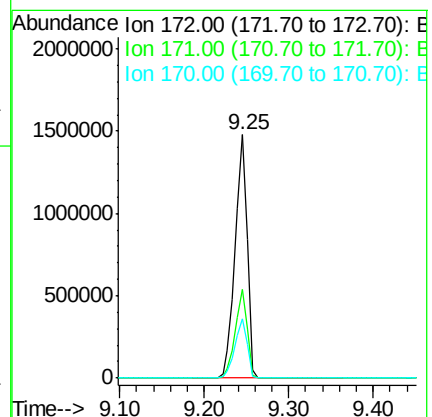
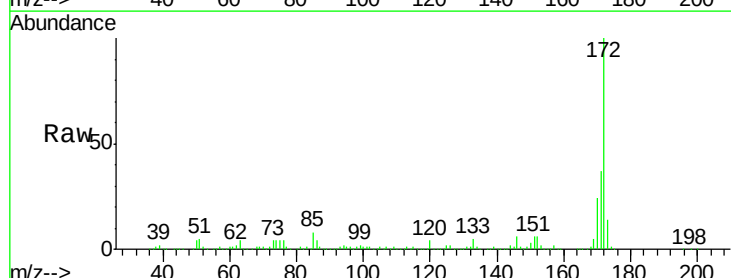
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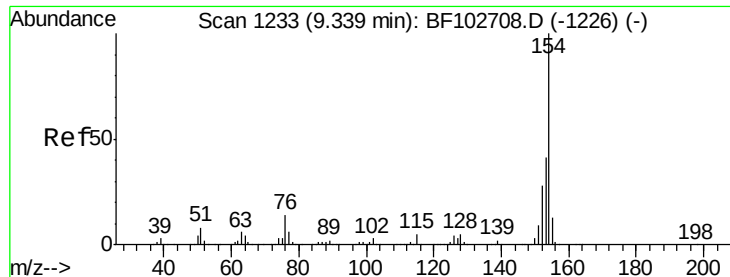
Sohil
 2/13/2018 4:36:49 AM



#44
 2-Fluorobiphenyl
 Concen: 85.192 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1441994		
171	36.5	29.7	44.5	
170	24.4	19.6	29.4	





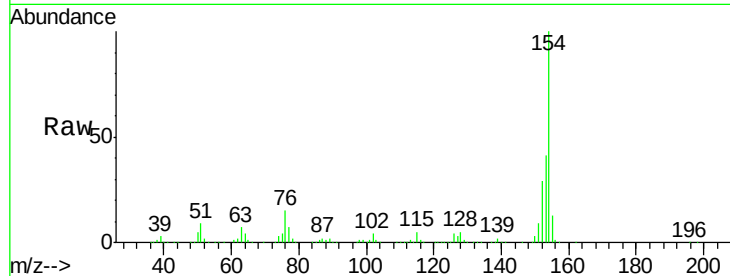
#45
1,1'-Biphenyl
Concen: 38.926 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampled :
PB106115BSD

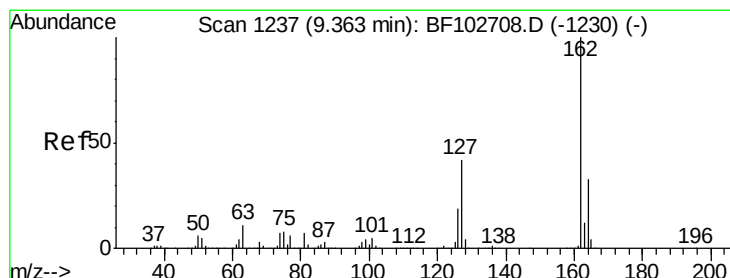
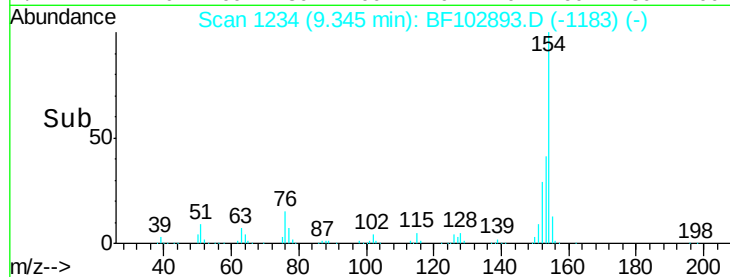
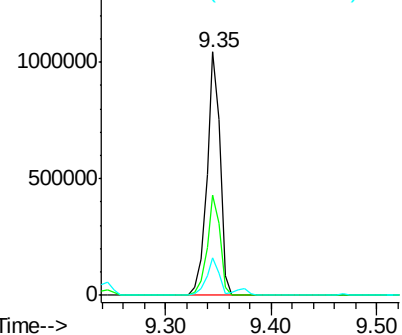
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.3	61.3	
76	15.3	0.0	34.0	

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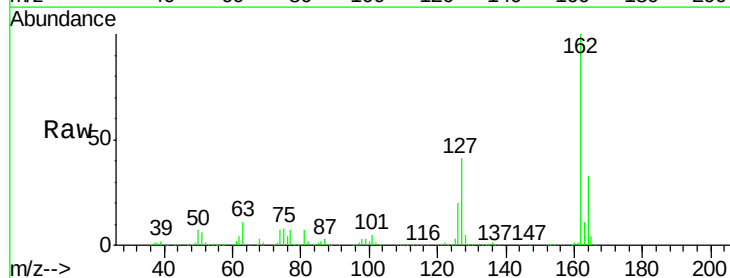


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

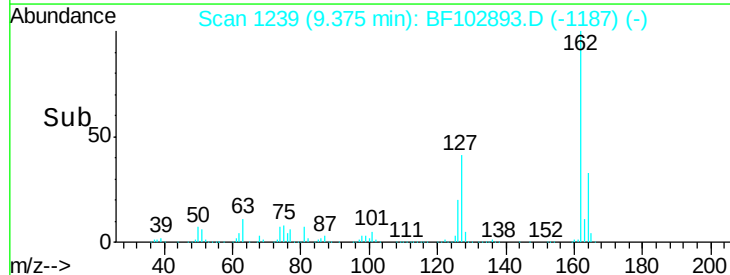
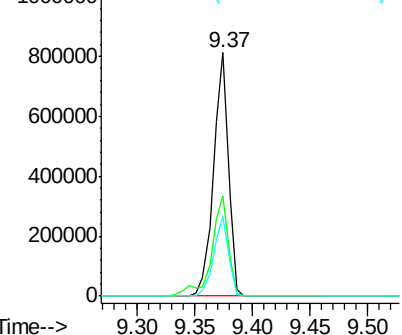


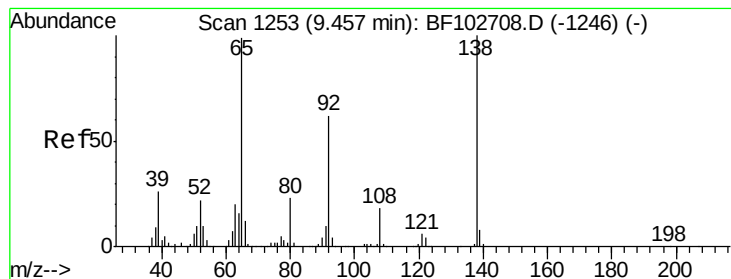
#46
2-Chloronaphthalene
Concen: 38.651 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.1	33.9	50.9	
164	32.8	26.5	39.7	



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





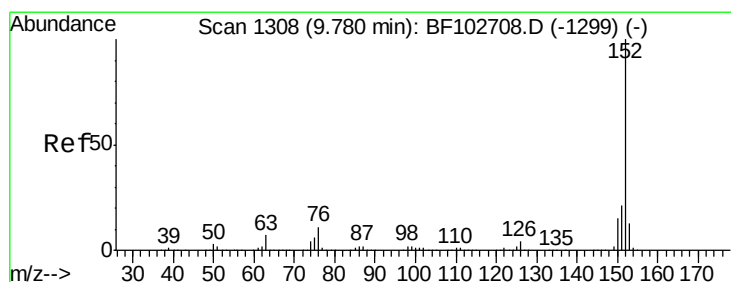
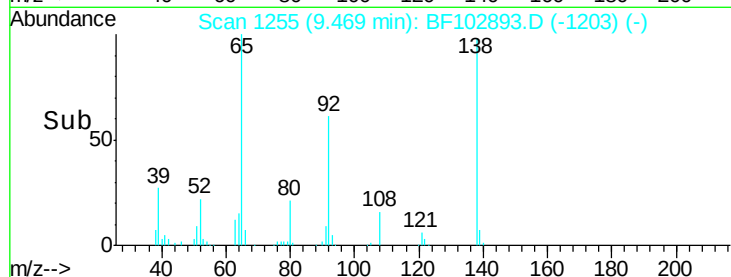
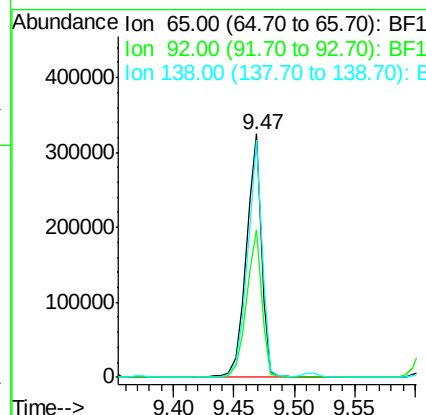
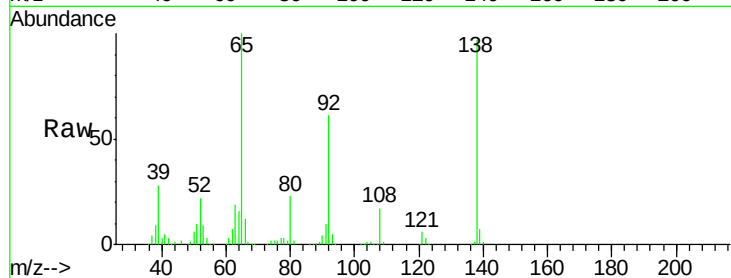
#47
2-Nitroaniline
Concen: 49.895 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287599		
92	60.6		55.8	83.6
138	97.2		91.2	136.8

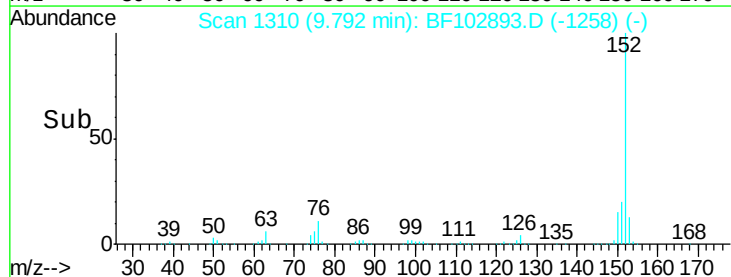
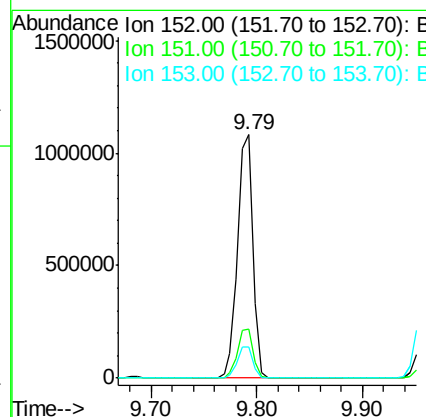
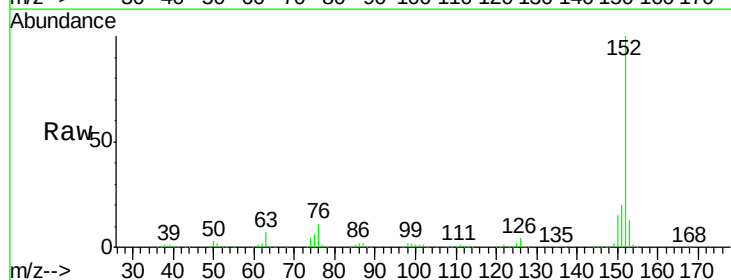
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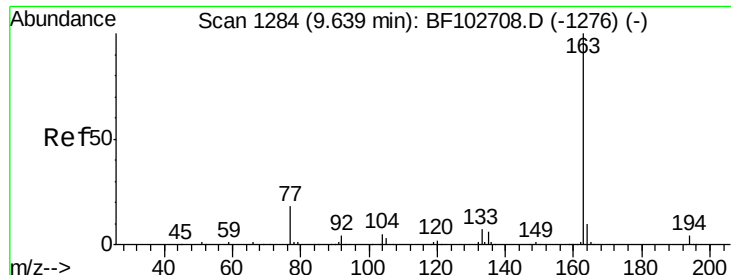
Sohil
2/13/2018 4:36:49 AM



#48
Acenaphthylene
Concen: 37.176 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1075366		
151	20.0		16.3	24.5
153	12.7		10.7	16.1





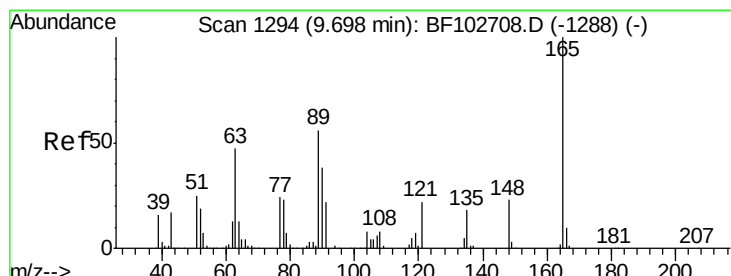
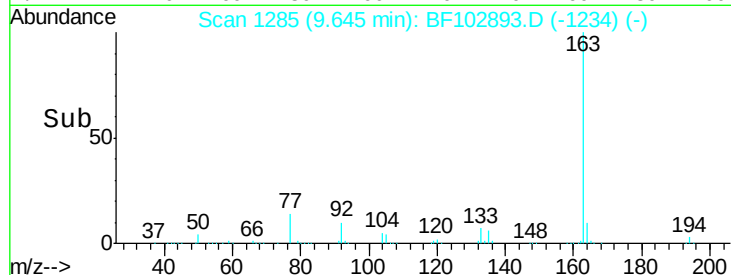
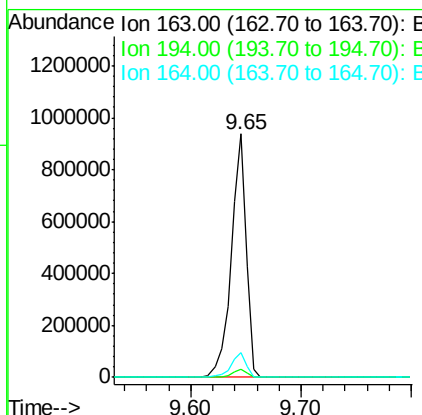
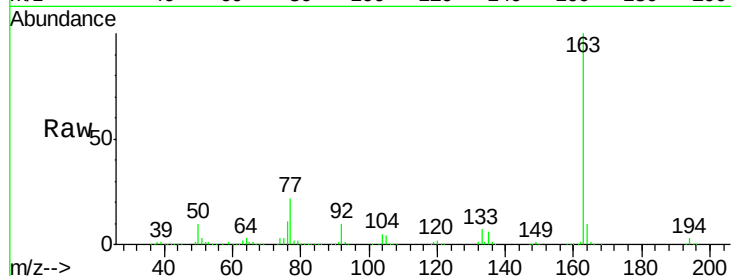
#49
Dimethylphthalate
Concen: 40.434 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	885495		
194	3.4		2.7	4.1
164	10.0		8.2	12.2

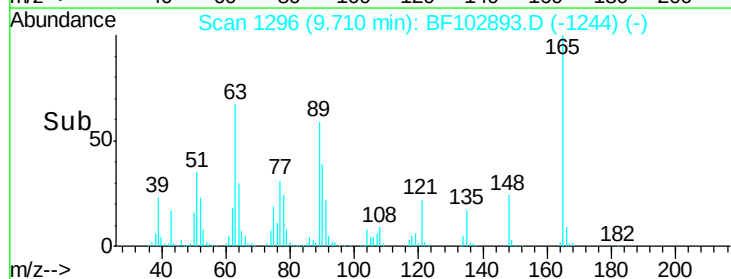
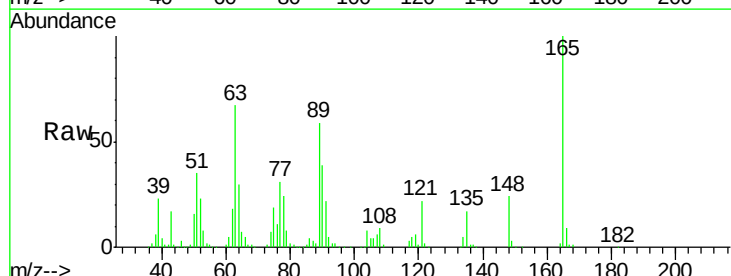
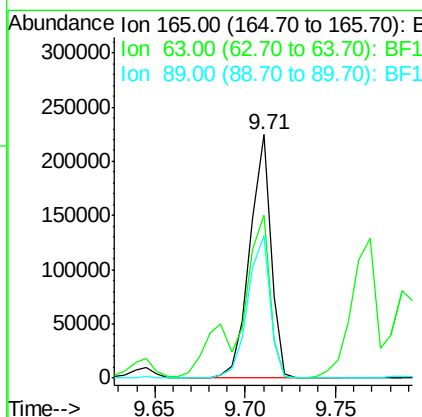
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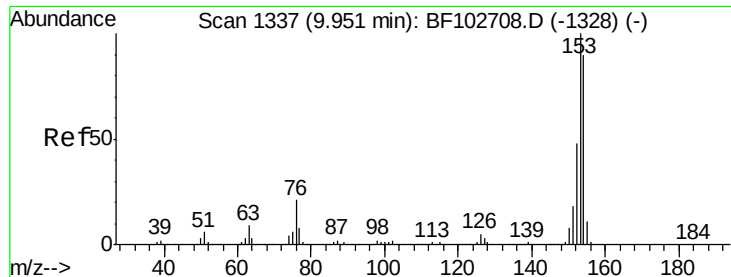
Sohil
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#50
2,6-Dinitrotoluene
Concen: 43.866 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182767		
63	66.8		44.7	67.1
89	58.7		44.0	66.0





#51

Acenaphthene

Concen: 37.104 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

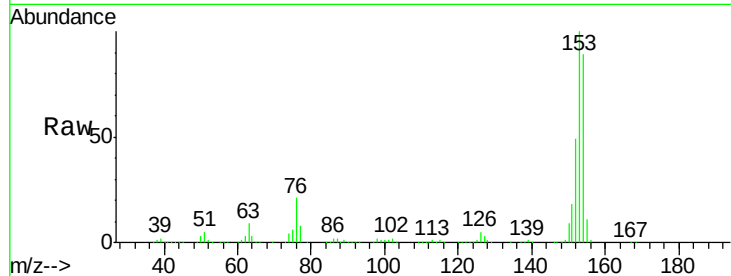
ClientSampleId :

PB106115BSD

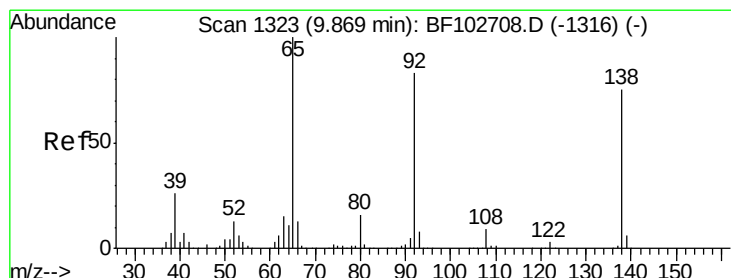
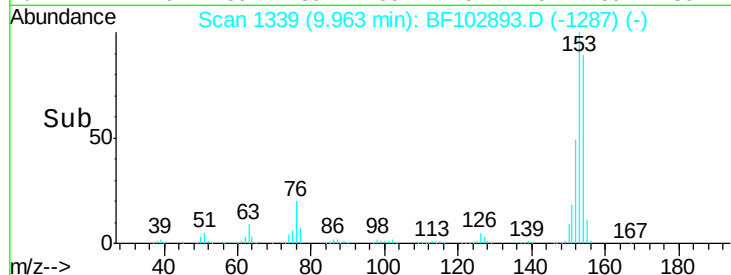
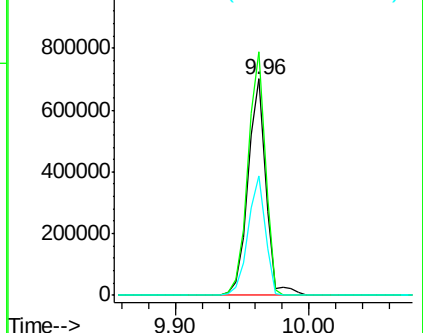
Tot Ion:	154	Resp:	641866
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	55.3	43.8	65.8

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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: 22.278 ng

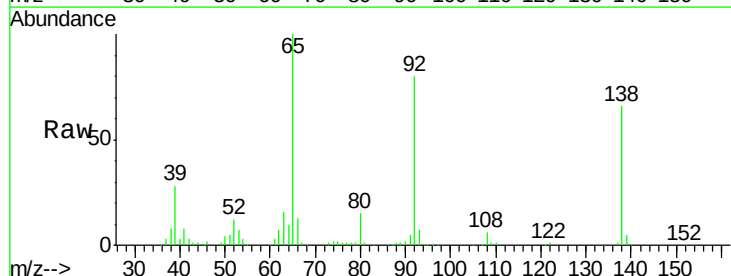
RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

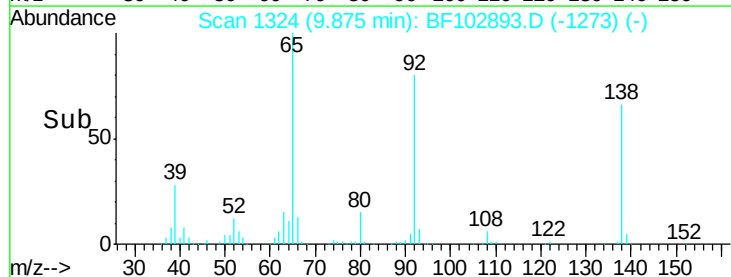
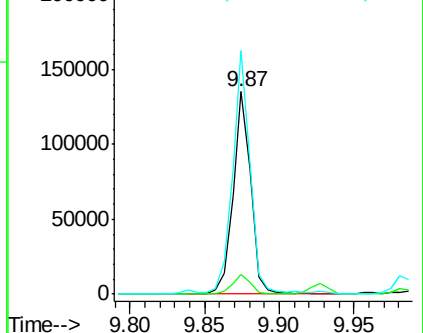
Lab File: BF102893.D

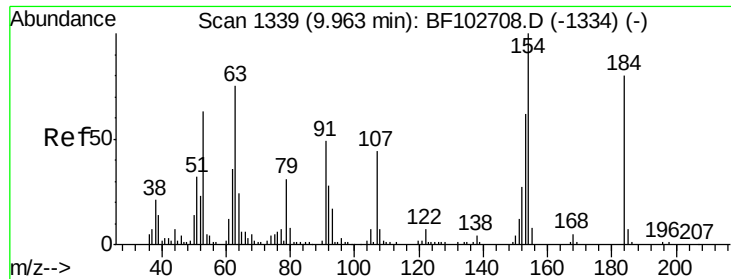
Acq: 9 Feb 2018 17:16

Tgt Ion:	138	Resp:	114211
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	120.5	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





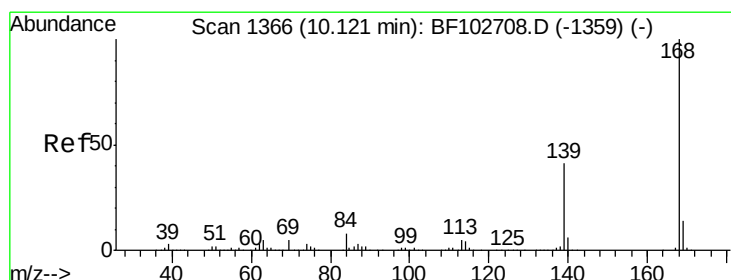
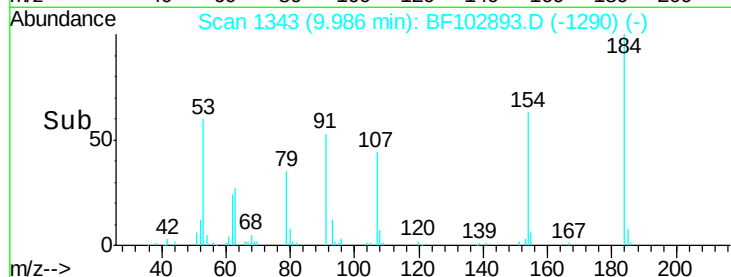
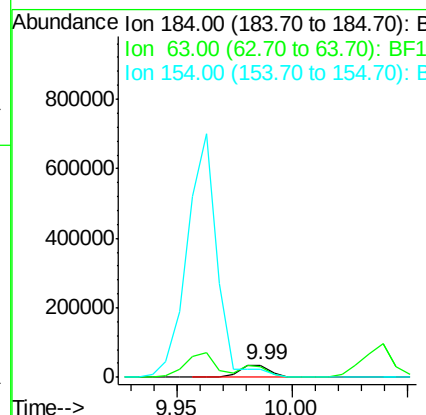
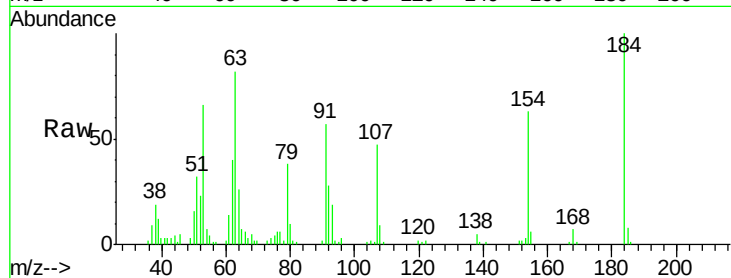
#53
2,4-Dinitrophenol
Concen: 39.692 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.3	54.2	81.2#
154	63.5	184.0	276.0#

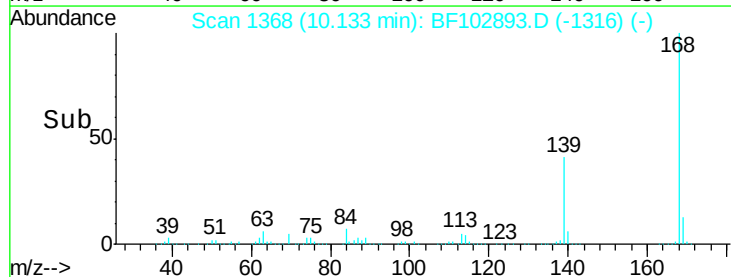
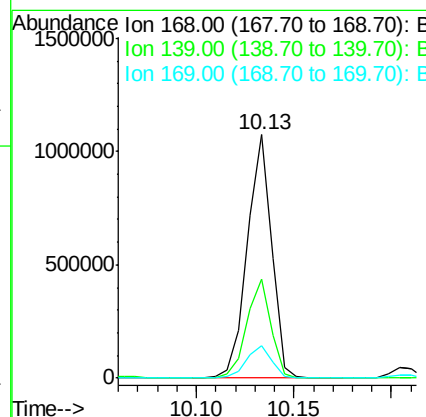
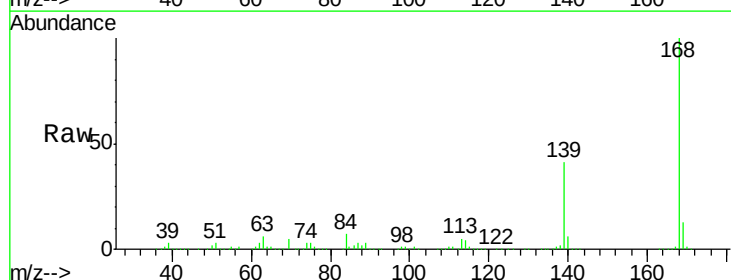
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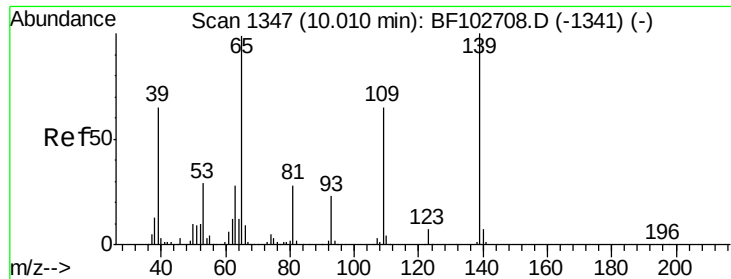
Sohil
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#54
Dibenzofuran
Concen: 38.116 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	13.3	10.9	16.3





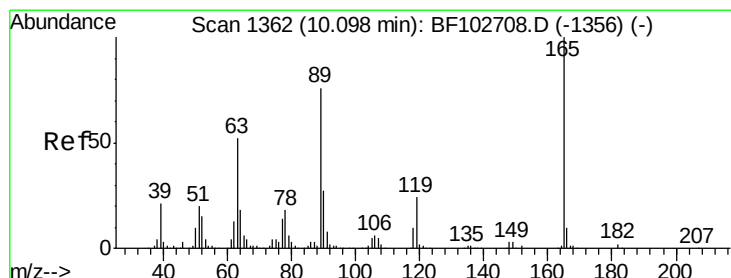
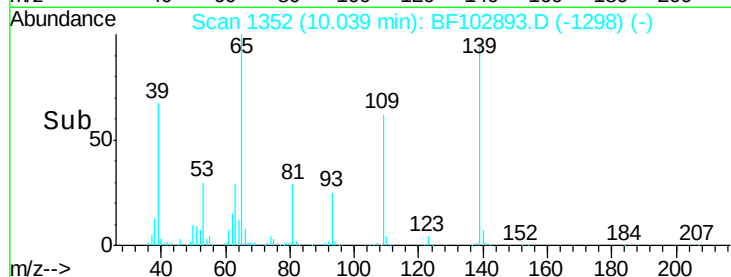
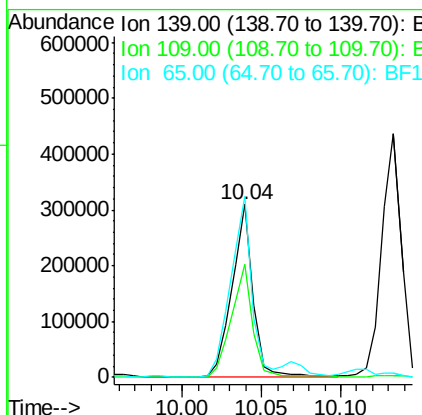
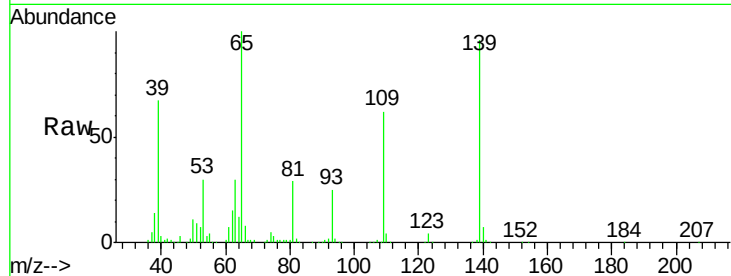
#55
4-Nitrophenol
Concen: 68.995 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	288219		
109	65.1	48.4	88.4	
65	104.5	72.6	112.6	

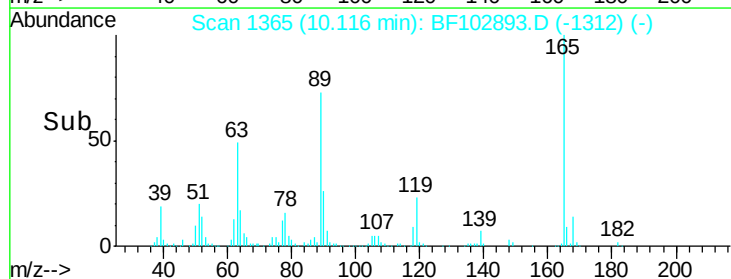
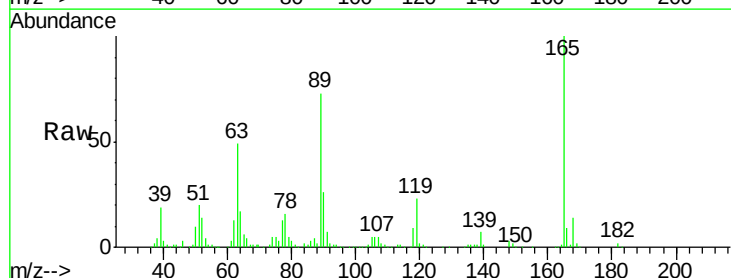
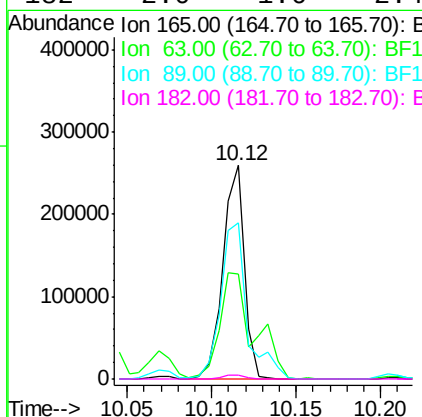
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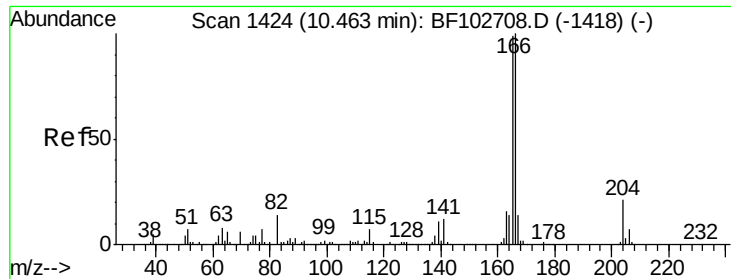
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.560 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	229771		
63	49.4	36.4	54.6	
89	73.0	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 38.278 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

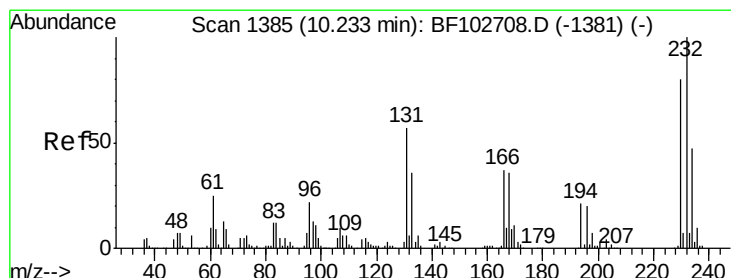
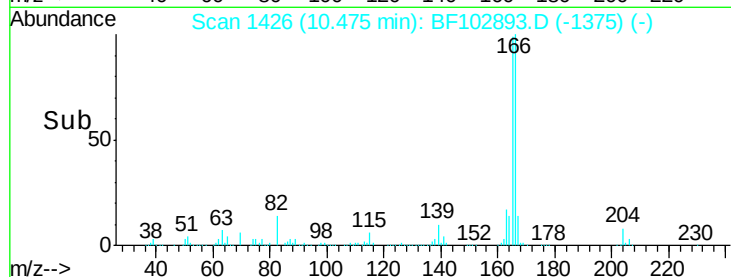
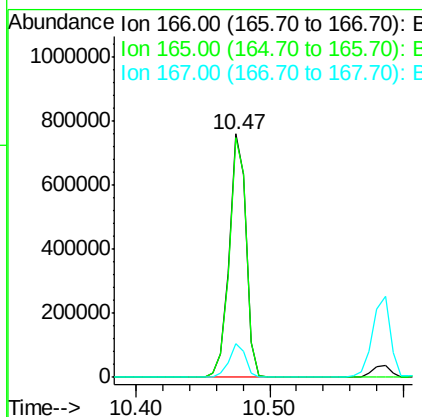
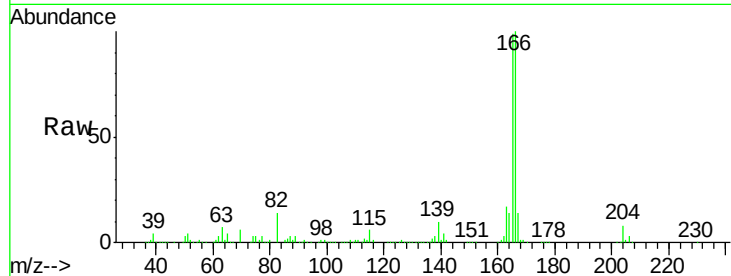
ClientSampled :

PB106115BSD

Tot Ion:	166	Resp:	678949
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.720 ng

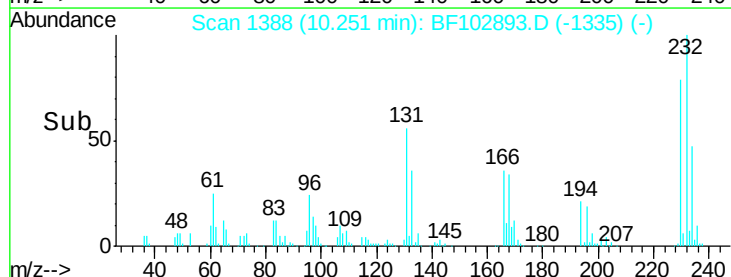
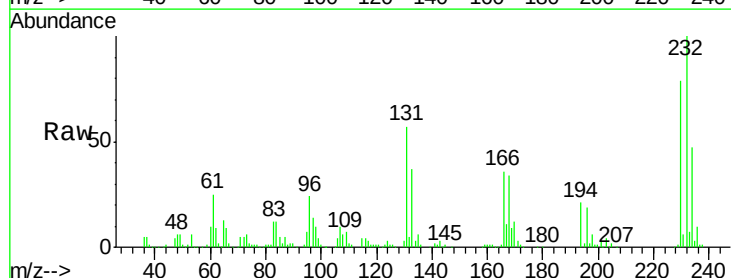
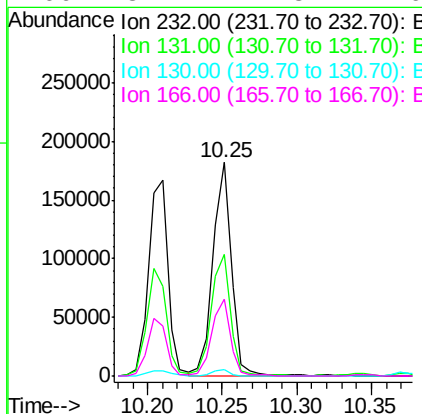
RT: 10.25 min Scan# 1388

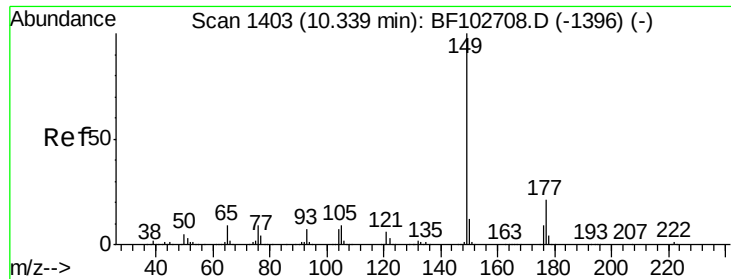
Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	232	Resp:	155860
Ion Ratio	Lower	Upper	
232	100		
131	58.6	43.8	65.8
130	2.9	2.1	3.1
166	37.1	27.8	41.6





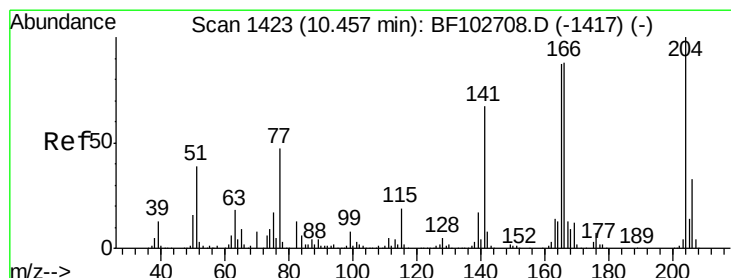
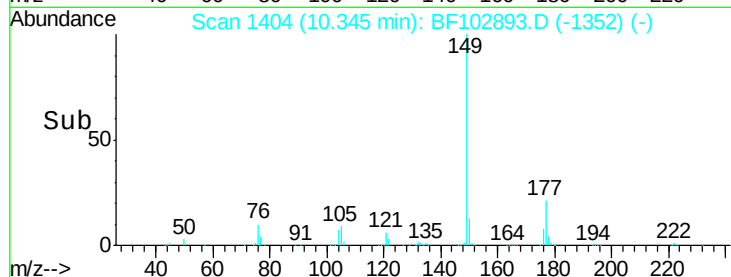
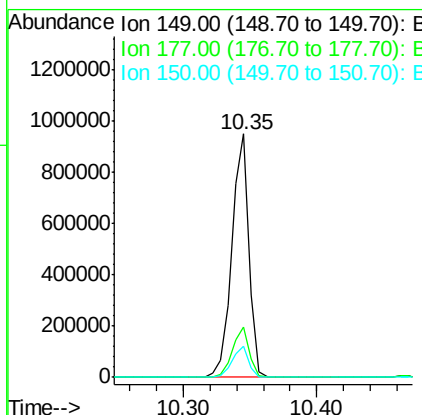
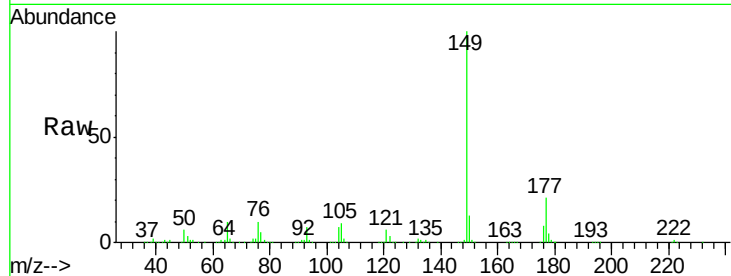
#59
Diethylphthalate
Concen: 39.486 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

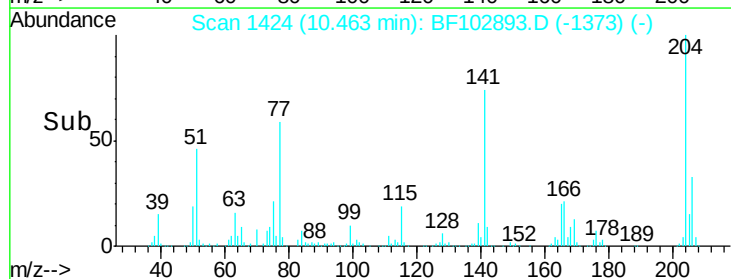
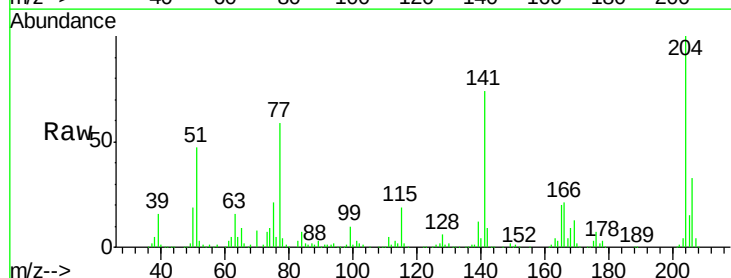
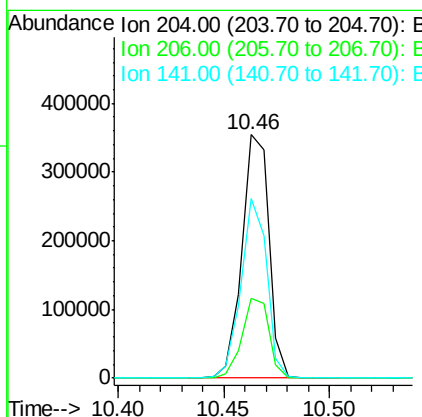
Manual Integrations
APPROVED

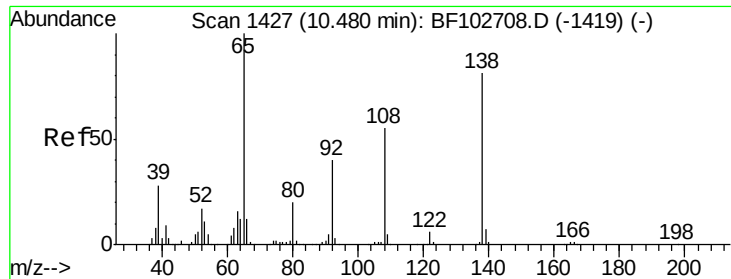
Sohil
2/13/2018 4:36:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.993 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	73.6	54.6	81.8





#61

4-Nitroaniline

Concen: 34.789 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

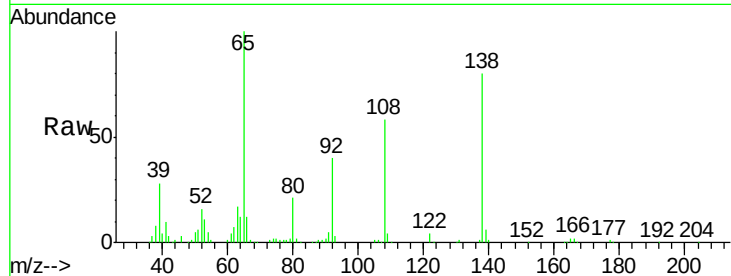
ClientSampled :

PB106115BSD

Tot Ion:	138	Resp:	169763
Ion Ratio	Lower	Upper	
138	100		
92	49.7	30.2	70.2
108	72.2	52.5	92.5

Manual Integrations
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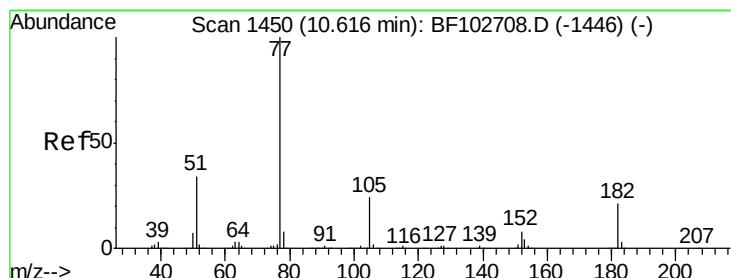
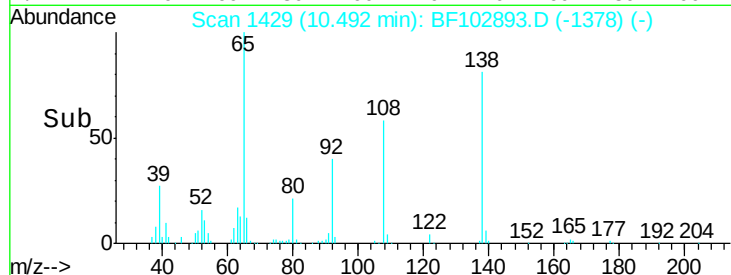
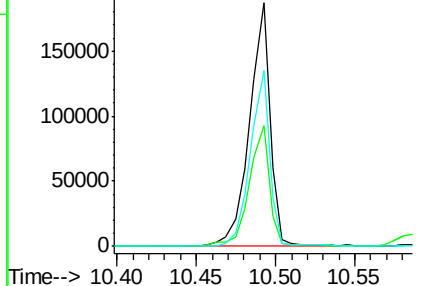
Sohil
2/13/2018 4:36:49 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.280 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

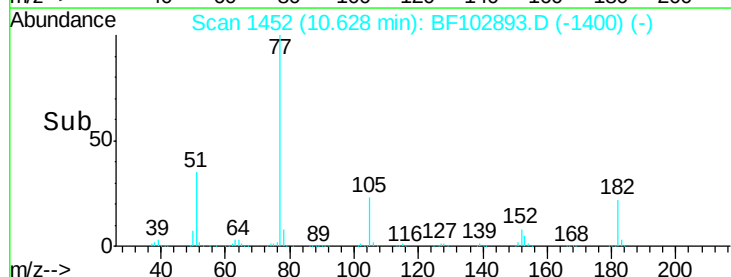
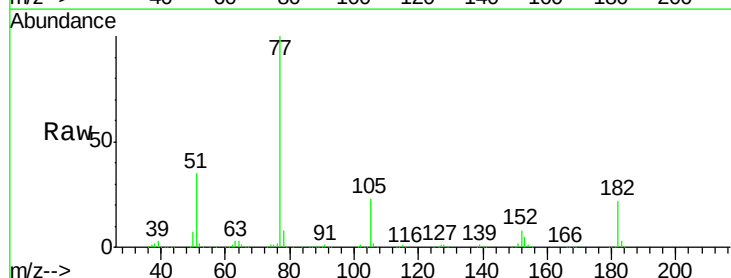
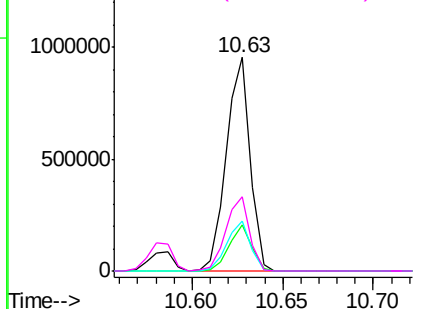
Tgt Ion:	77	Resp:	870156
Ion Ratio	Lower	Upper	
77	100		
182	21.6	1.7	41.7
105	23.5	3.0	43.0
51	35.0	9.9	49.9

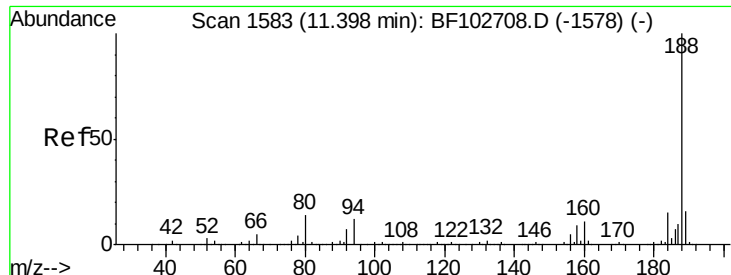
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





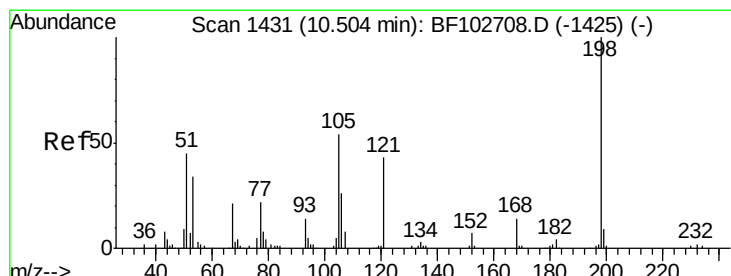
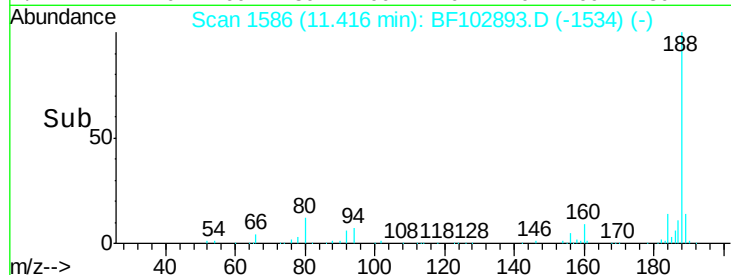
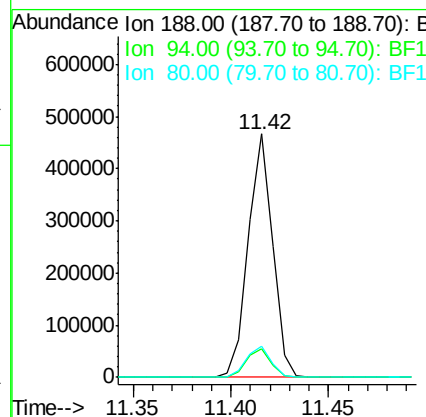
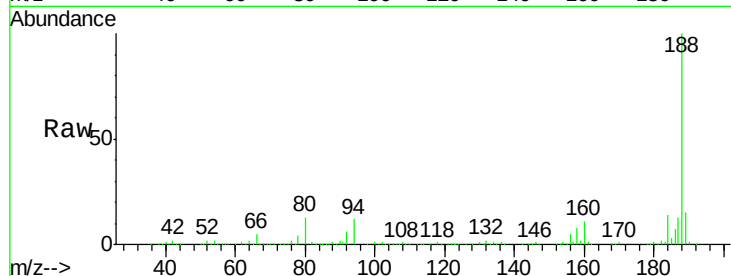
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	405544		
94	11.6		8.5	12.7
80	12.7		9.2	13.8

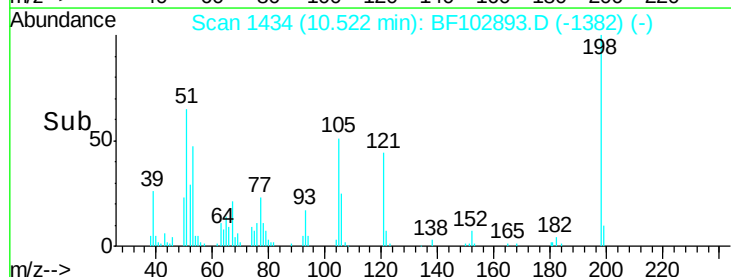
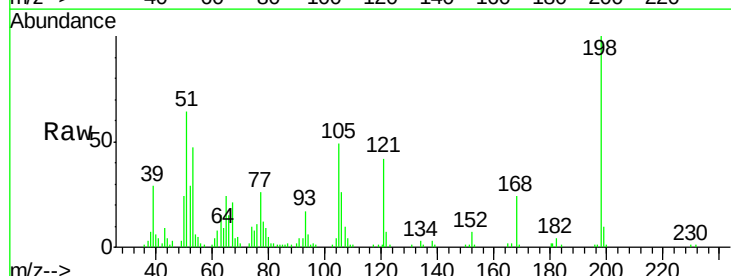
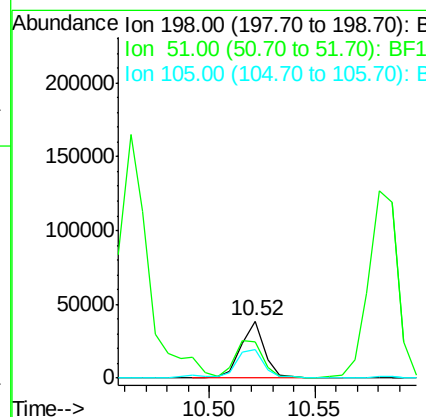
Manual Integrations
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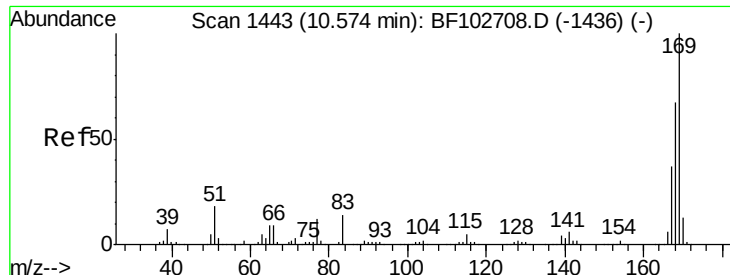
Sohil
2/13/2018 4:36:49 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 24.459 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30057		
51	64.0		37.7	77.7
105	49.2		36.3	76.3





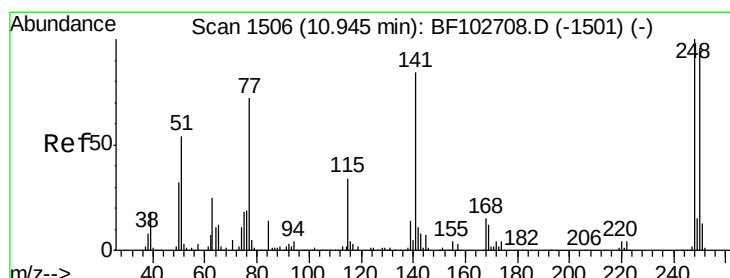
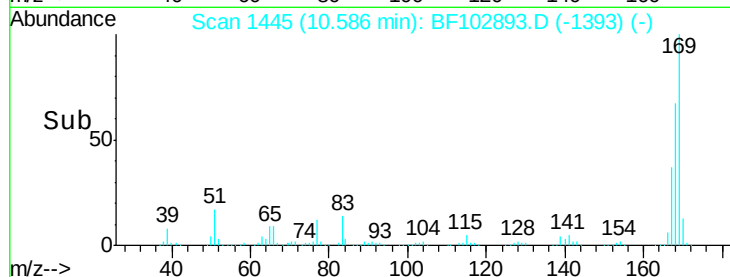
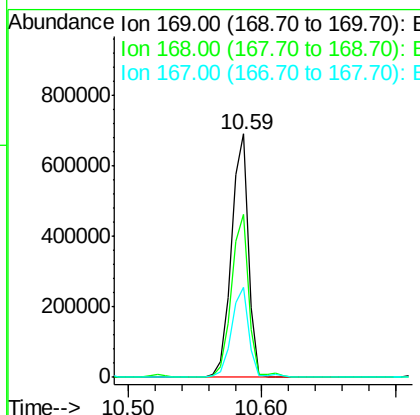
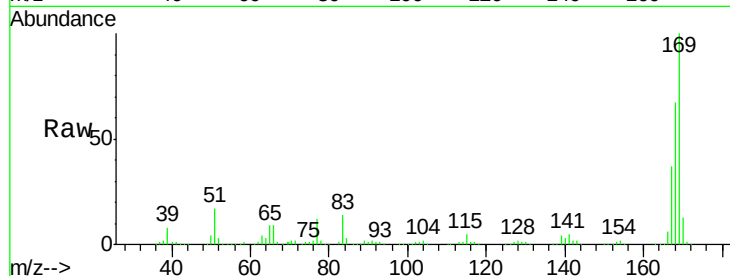
#65
n-Nitrosodiphenylamine
Concen: 43.433 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	621294		
168	67.1	54.4	81.6	
167	36.7	29.8	44.6	

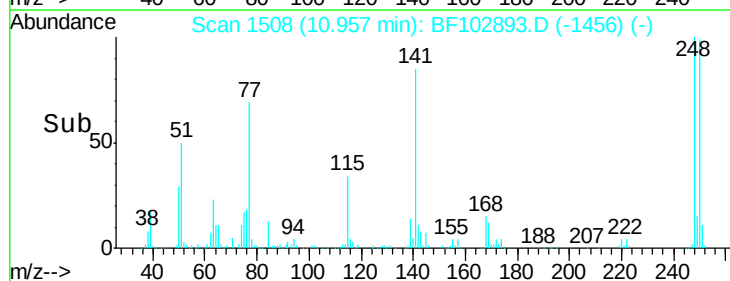
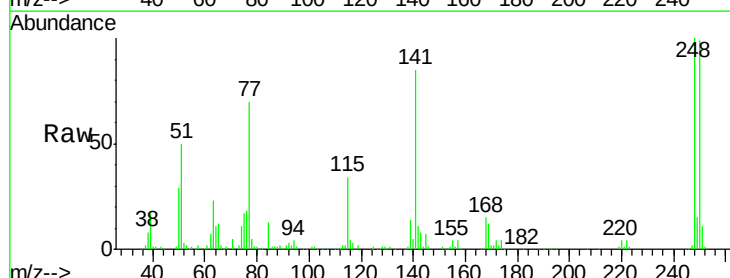
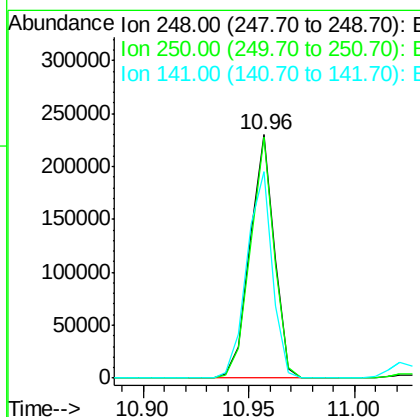
Manual Integrations
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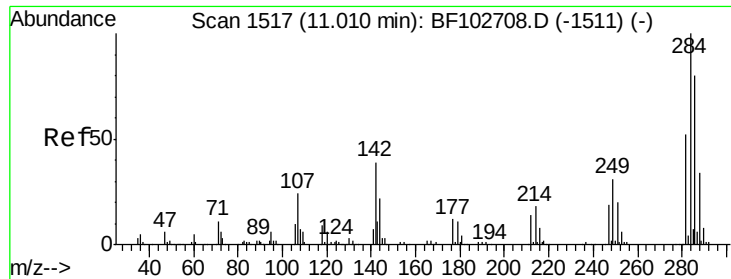
Sohil
2/13/2018 4:36:49 AM



#66
4-Bromophenyl-phenylether
Concen: 43.105 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	184917		
250	99.0	76.9	115.3	
141	84.8	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.097 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

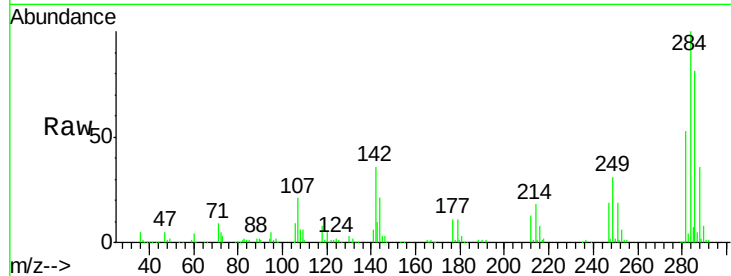
ClientSampleId :

PB106115BSD

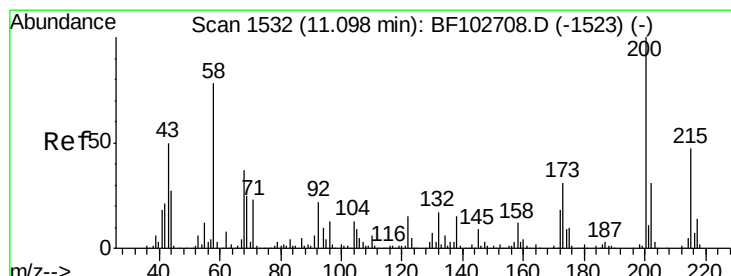
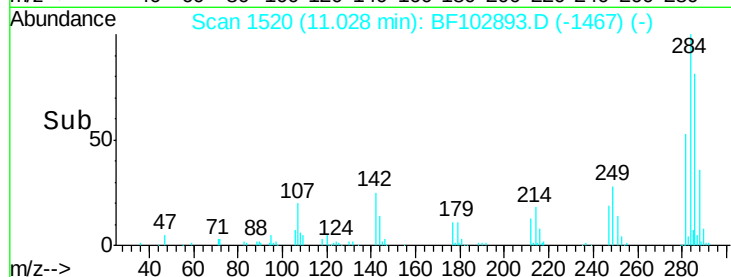
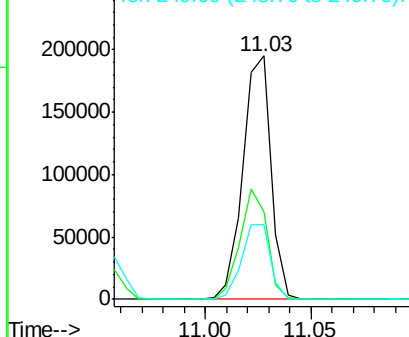
Tot Ion:	284	Resp:	180298
Ion Ratio		Lower	Upper
284	100		
142	35.8	34.6	52.0
249	30.5	24.8	37.2

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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: 43.112 ng

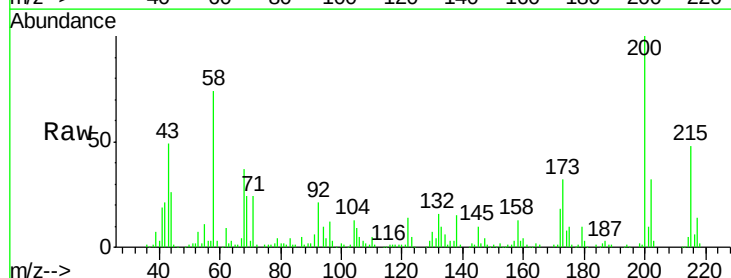
RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

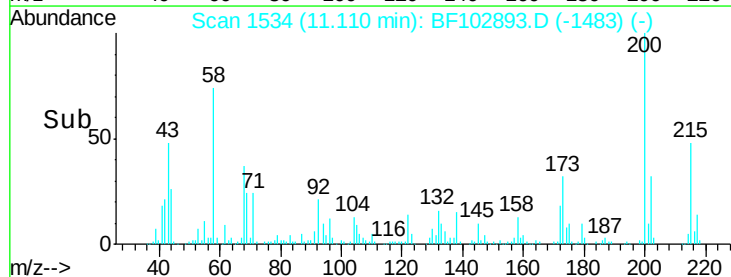
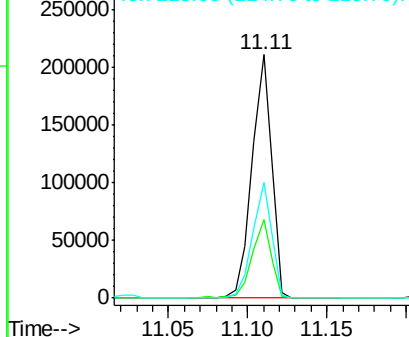
Lab File: BF102893.D

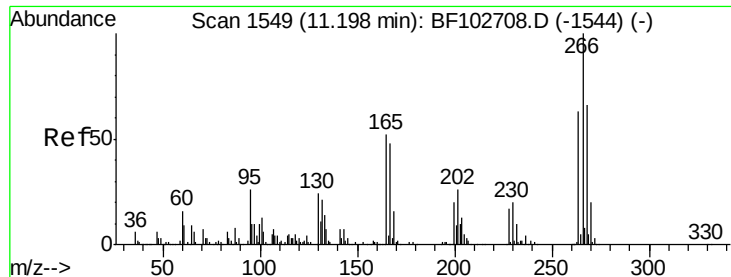
Acq: 9 Feb 2018 17:16

Tgt Ion:	200	Resp:	181936
Ion Ratio		Lower	Upper
200	100		
173	32.1	8.6	48.6
215	47.6	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





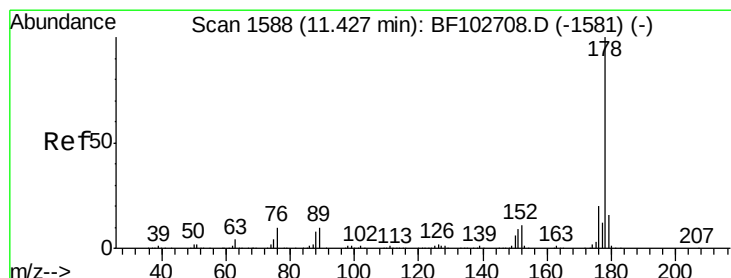
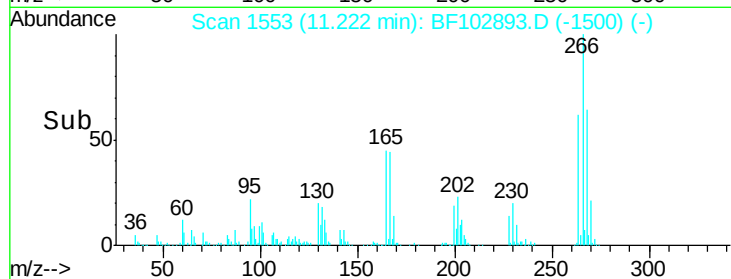
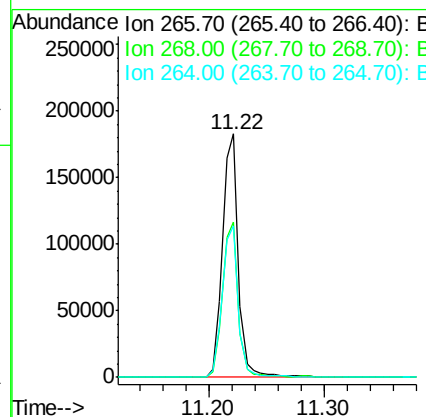
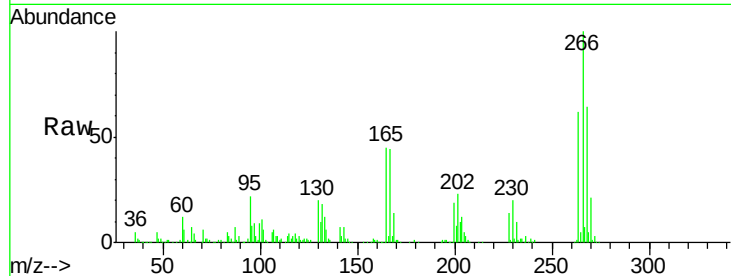
#69
Pentachlorophenol
 Concen: 63.026 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion:	266	Resp:	175093
Ion Ratio		Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.4	49.5	74.3

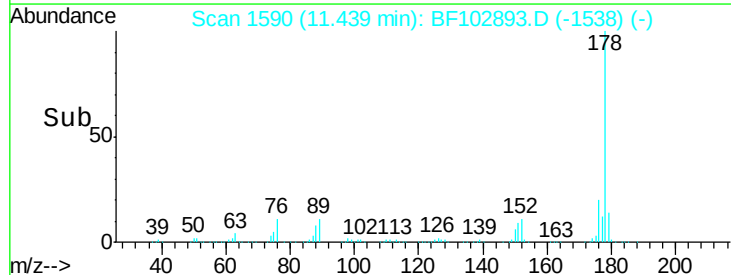
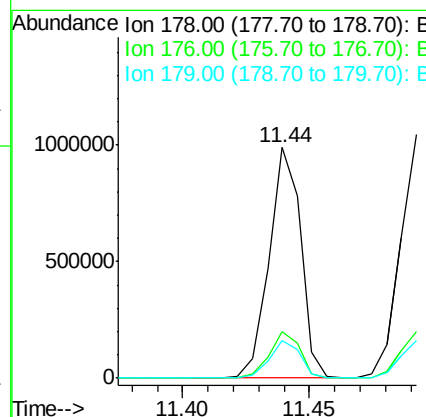
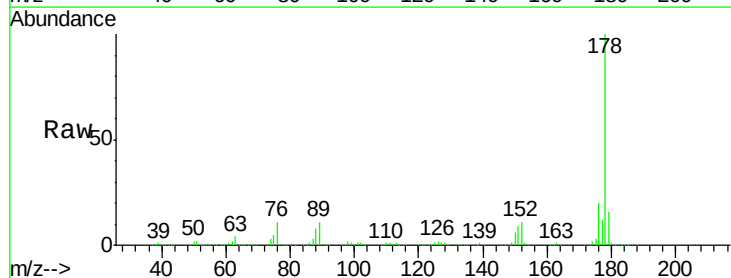
Manual Integrations
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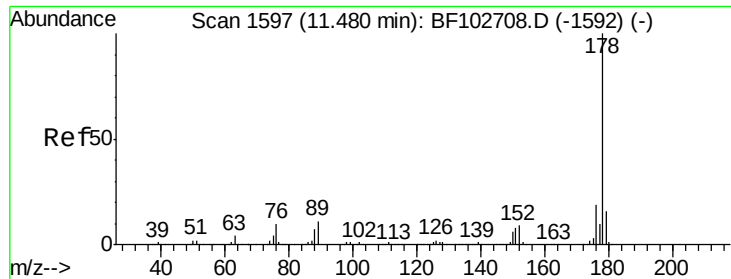
Sohil
 2/13/2018 4:36:49 AM



#70
Phenanthrene
 Concen: 38.353 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion:	178	Resp:	866239
Ion Ratio		Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.1	13.0	19.6





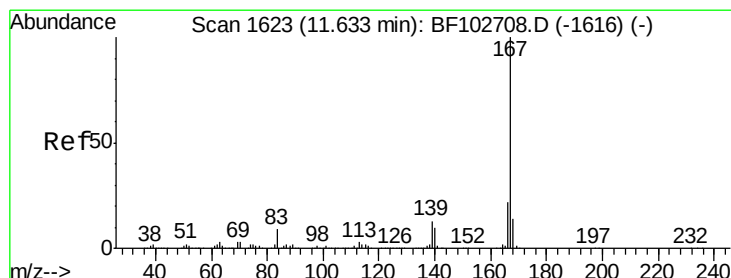
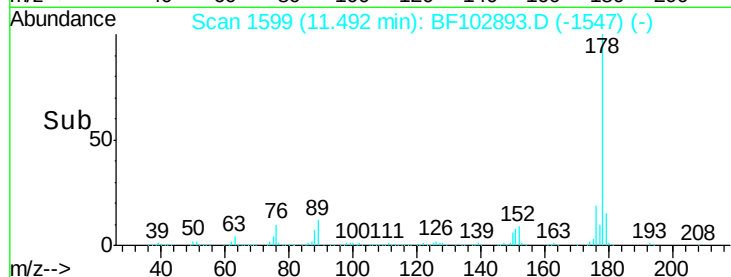
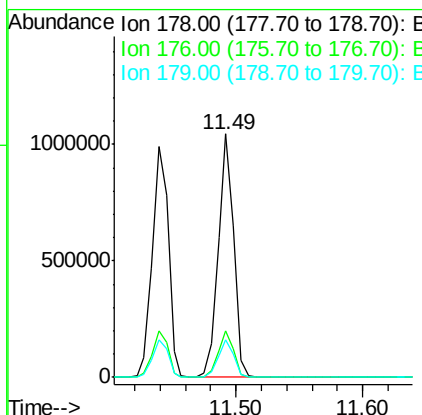
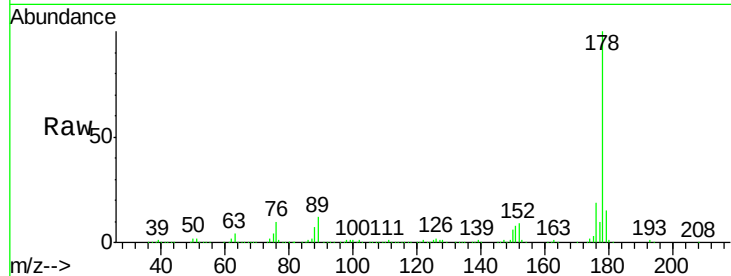
#71
 Anthracene
 Concen: 39.109 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

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

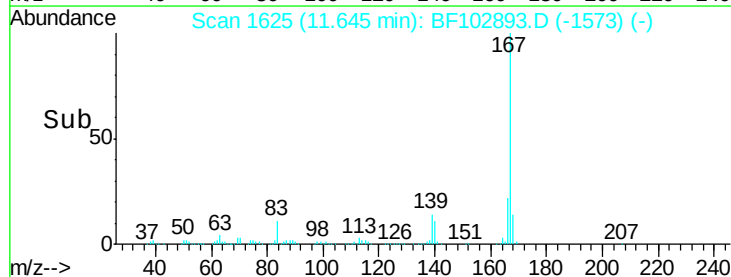
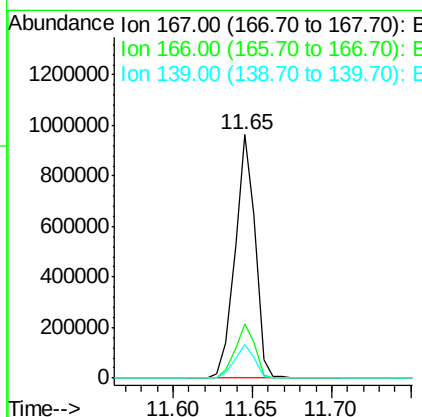
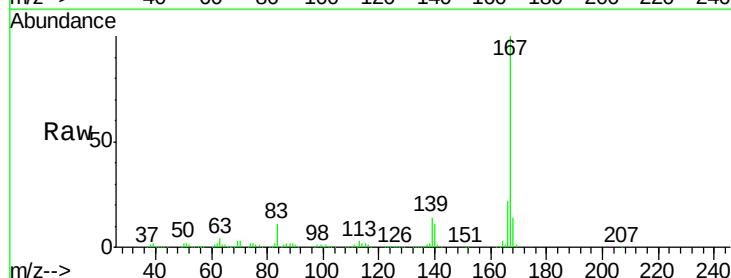
Manual Integrations
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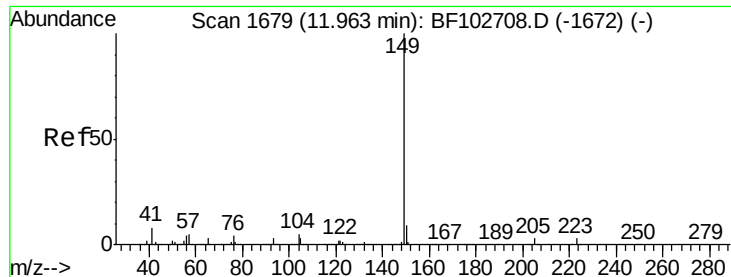
Sohil
 2/13/2018 4:36:49 AM



#72
 Carbazole
 Concen: 37.486 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	14.1	10.9	16.3





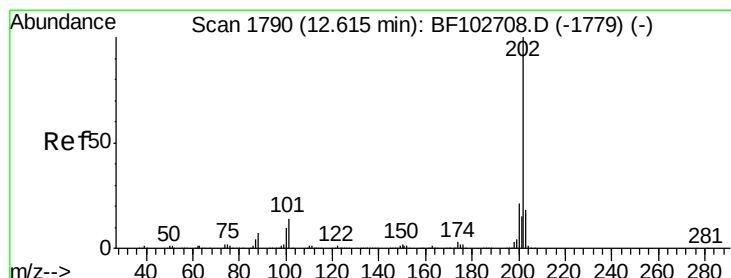
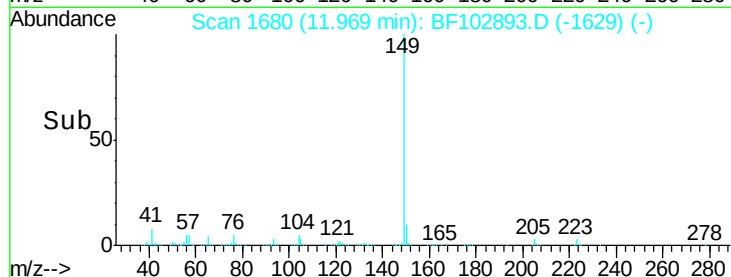
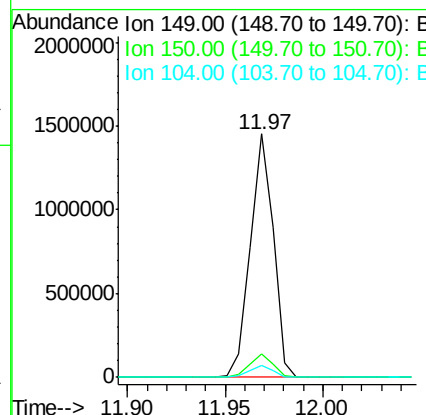
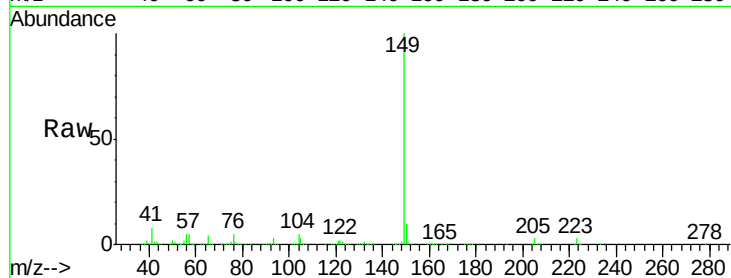
#73
Di-n-butylphthalate
Concen: 43.583 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

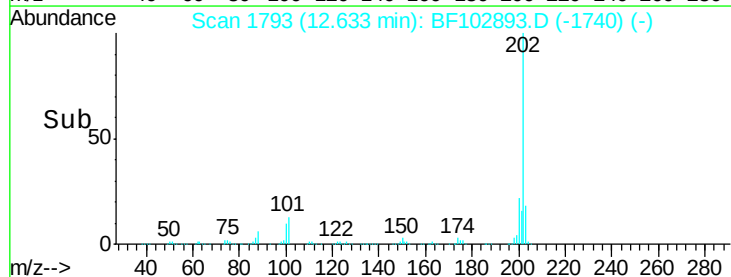
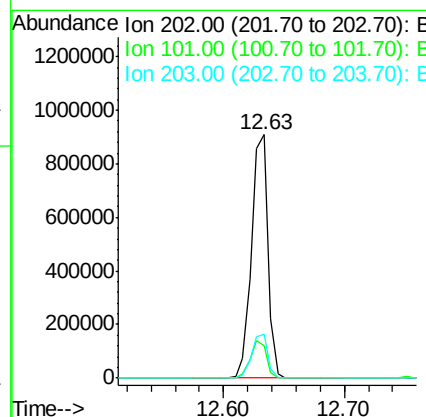
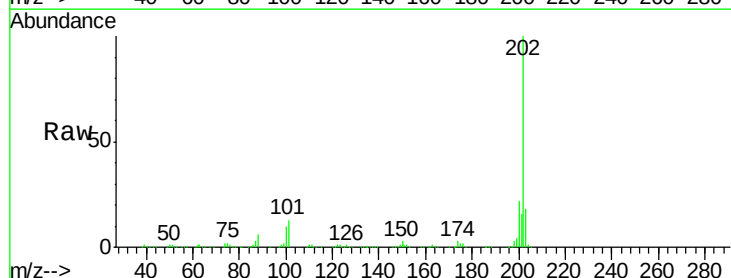
Manual Integrations
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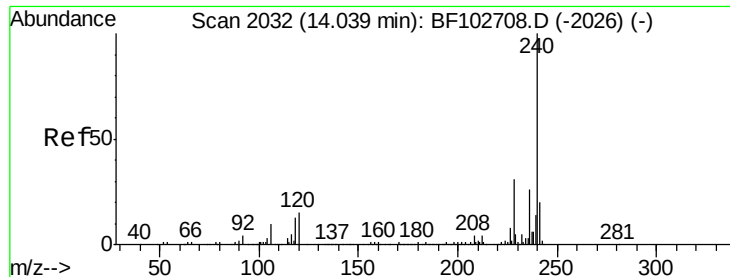
Sohil
2/13/2018 4:36:49 AM



#74
Fluoranthene
Concen: 38.322 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

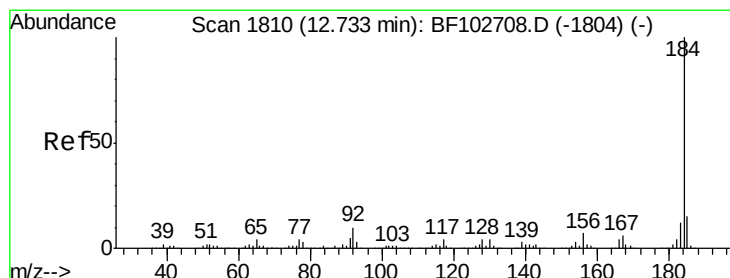
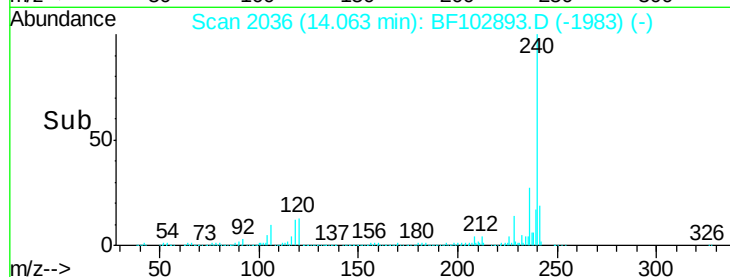
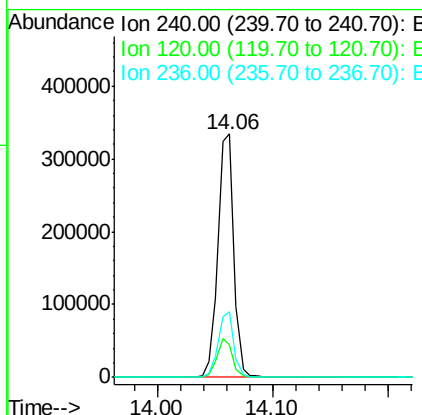
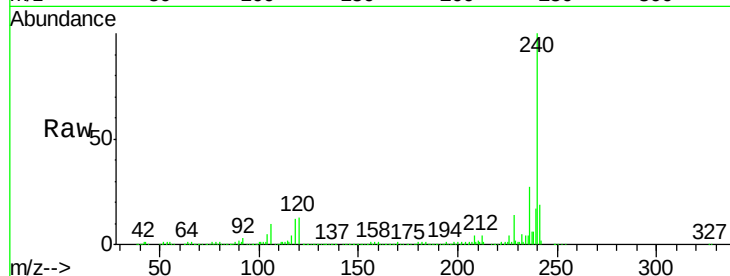
ClientSampleId :

PB106115BSD

Tot Ion:	240	Resp:	320969
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	27.2	20.7	31.1

Manual Integrations
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Sohil
2/13/2018 4:36:49 AM



#76

Benzidine

Concen: 34.833 ng

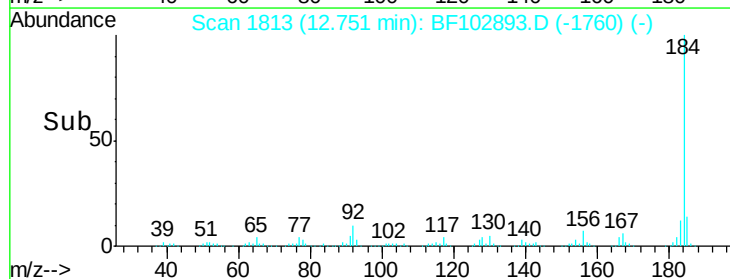
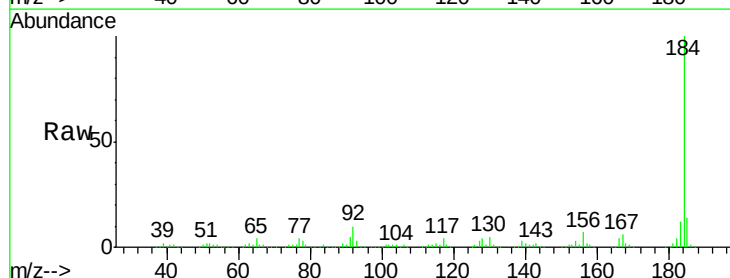
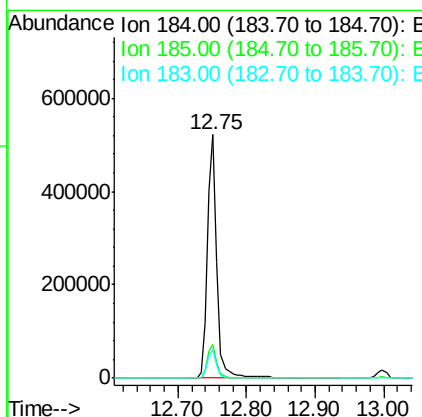
RT: 12.75 min Scan# 1813

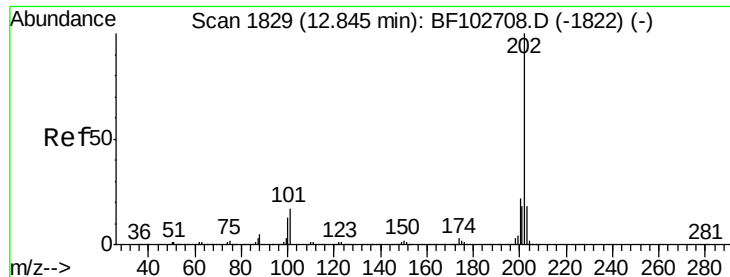
Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	184	Resp:	513848
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 35.777 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

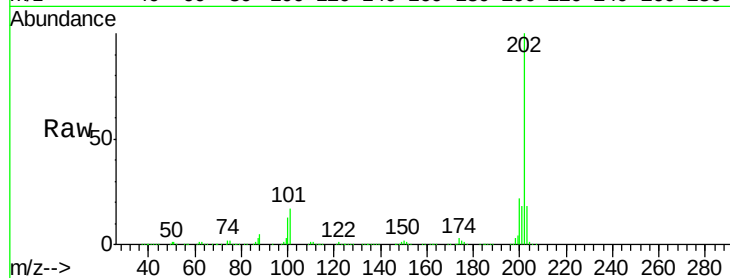
ClientSampleId :

PB106115BSD

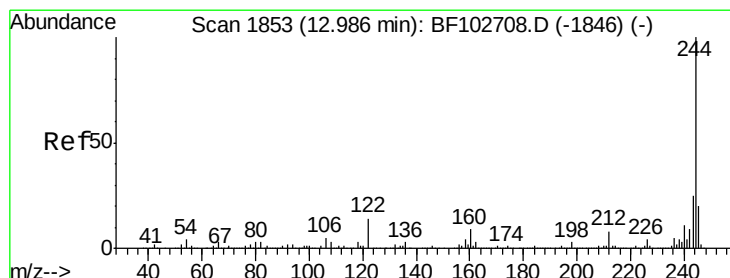
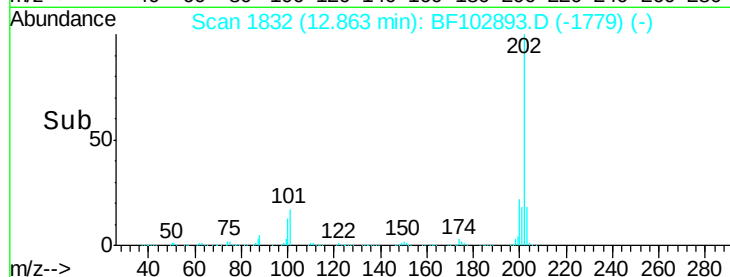
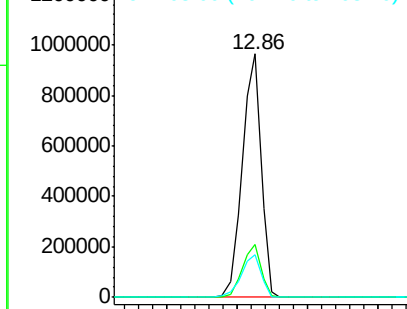
Tot Ion:	202	Resp:	900481
Ion Ratio		Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5

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



#78

Terphenyl-d14

Concen: 80.801 ng

RT: 13.00 min Scan# 1855

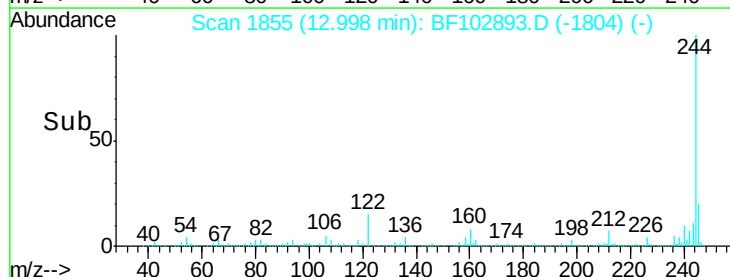
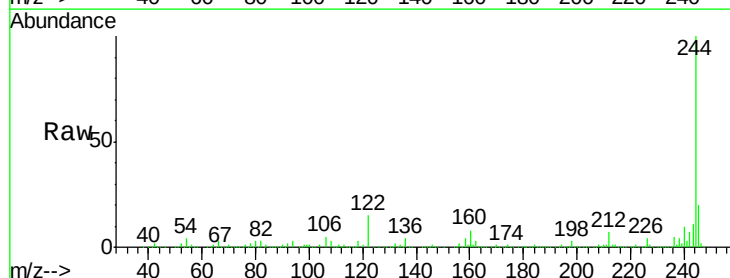
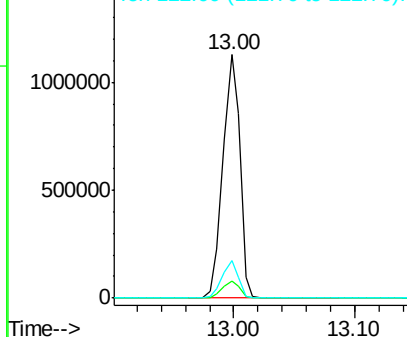
Delta R.T. 0.00 min

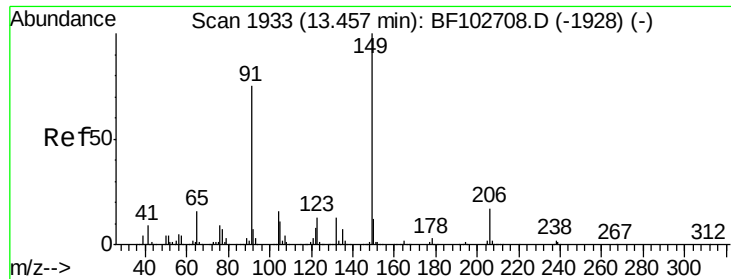
Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	244	Resp:	1095317
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.3	11.0	16.4

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





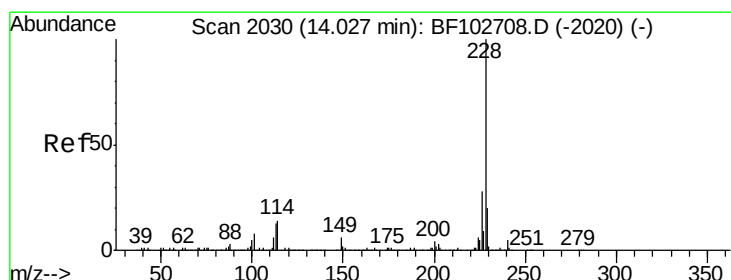
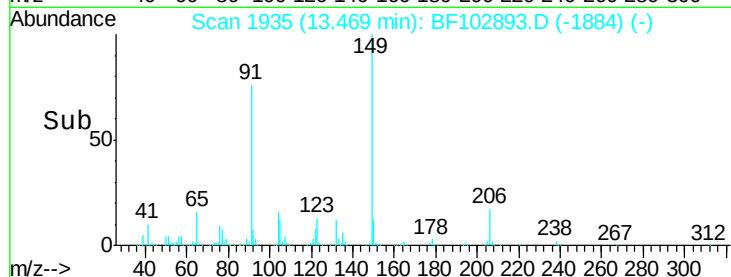
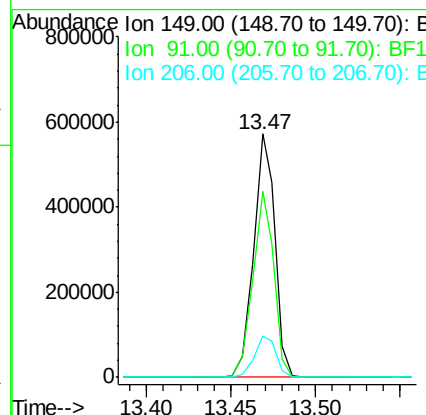
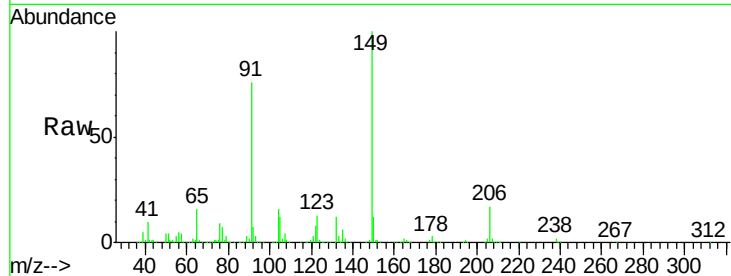
#79
Butylbenzylphthalate
Concen: 42.058 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	504790		
91	76.4	56.8	85.2	
206	17.0	14.1	21.1	

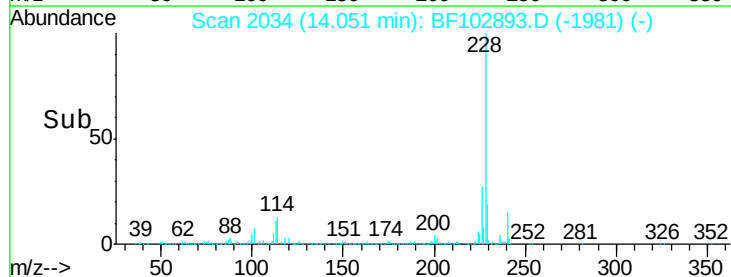
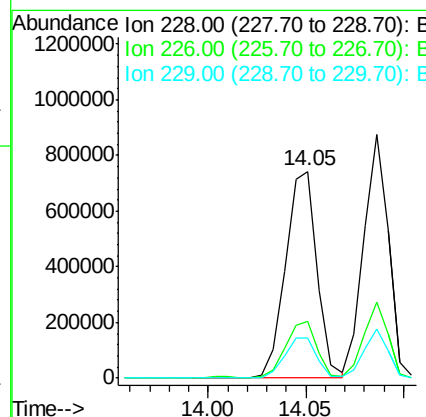
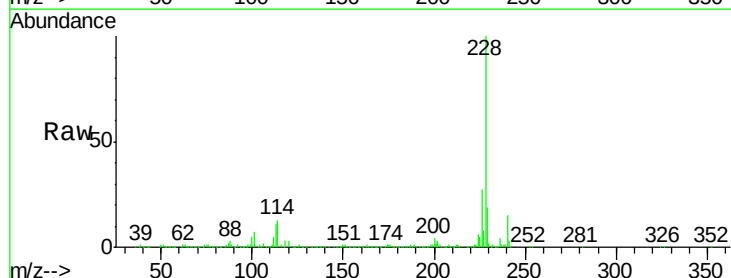
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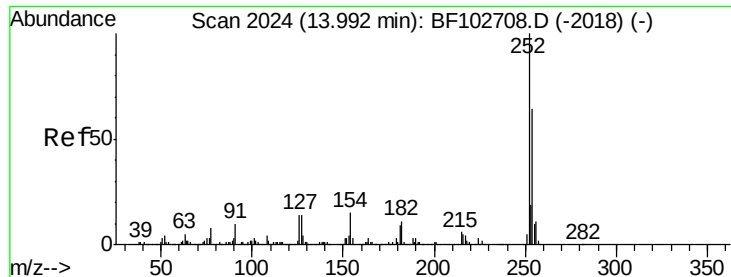
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#80
Benzo(a)anthracene
Concen: 40.914 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	825896		
226	27.3	22.6	33.8	
229	19.3	15.8	23.6	





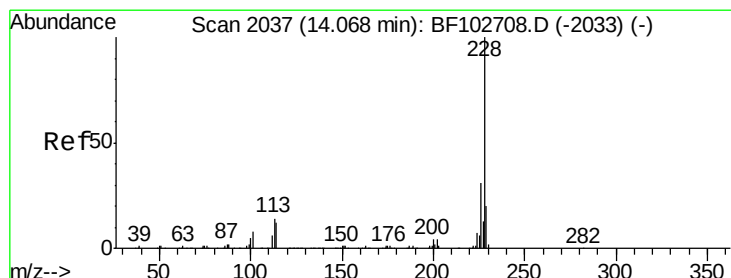
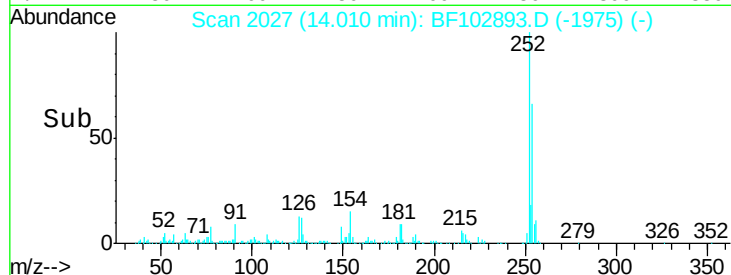
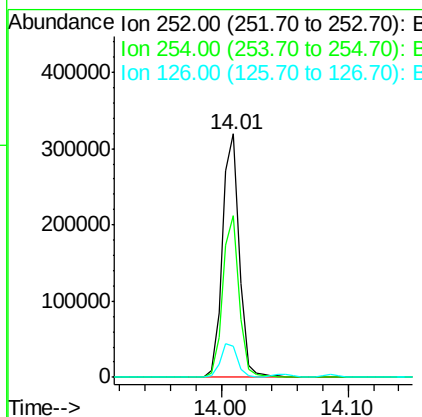
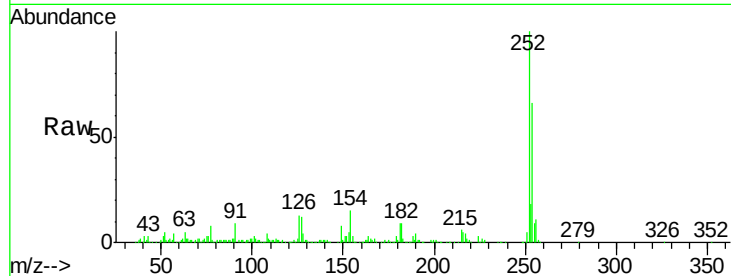
#81
 3,3'-Dichlorobenzidine
 Concen: 39.751 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	50.4	75.6
126	12.9	11.3	16.9

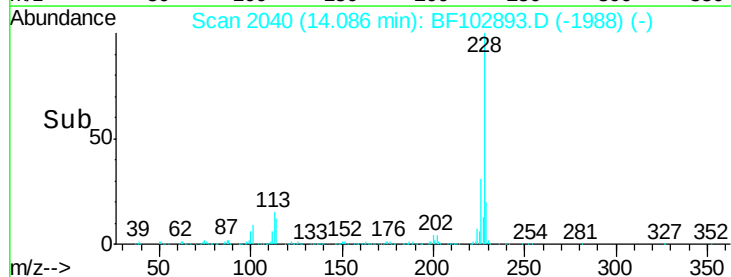
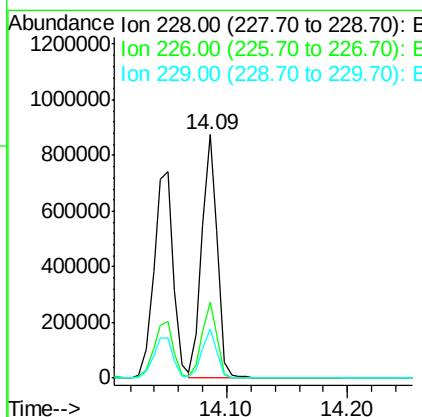
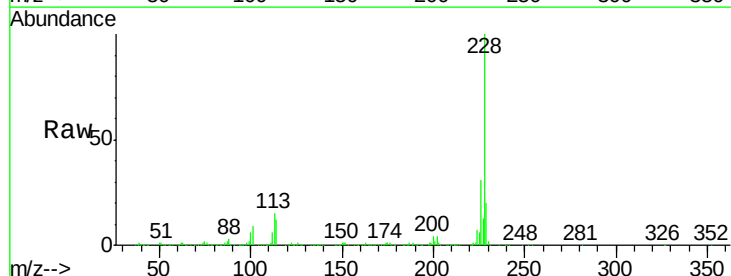
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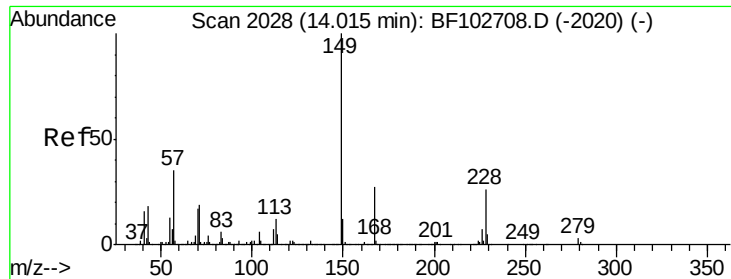
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#82
 Chrysene
 Concen: 38.160 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	16.2	24.4





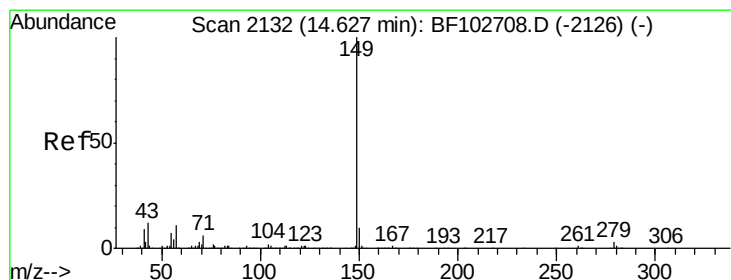
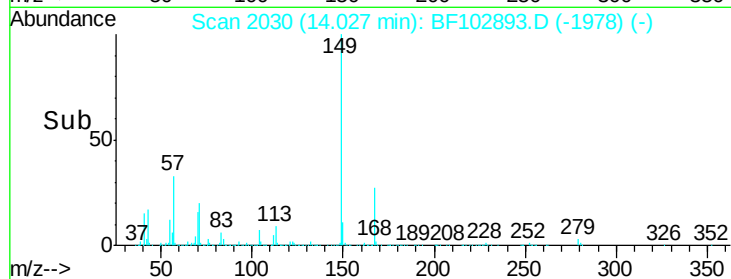
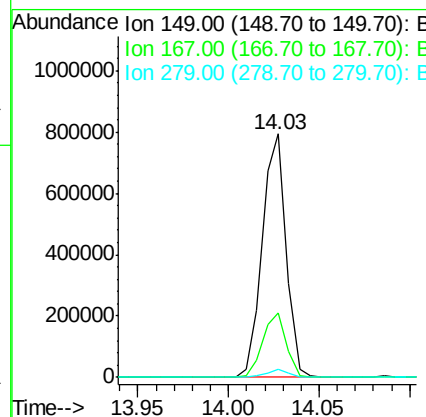
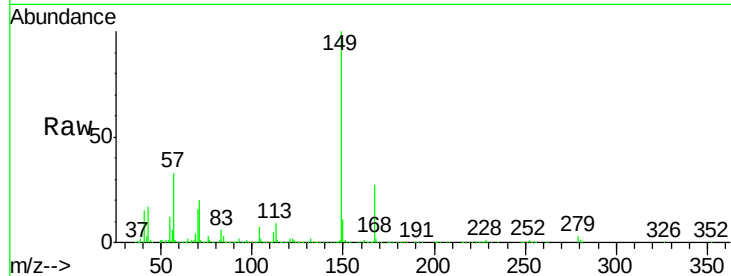
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.156 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.2	3.0	4.4

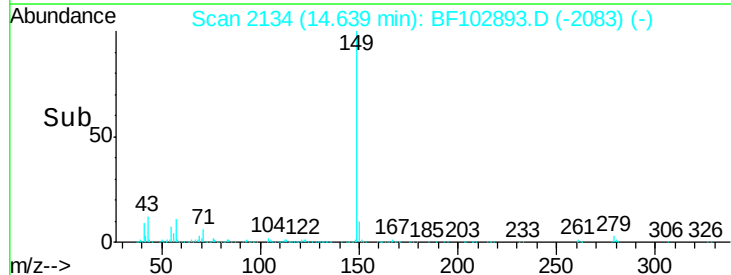
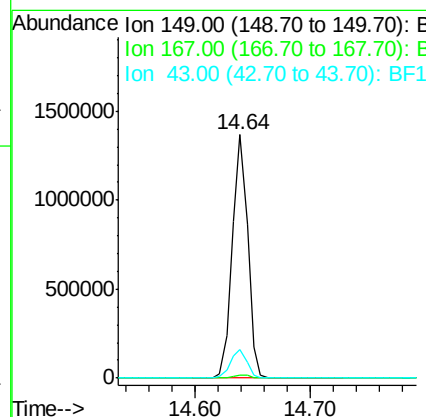
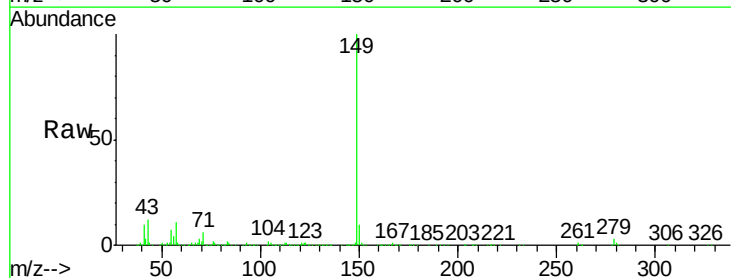
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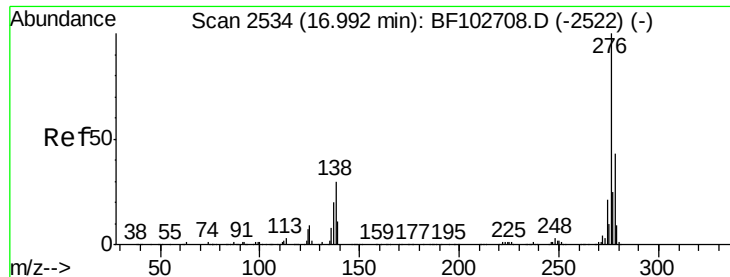
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#84
 Di-n-octyl phthalate
 Concen: 54.653 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.717 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.04 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Instrument :

BNA_F

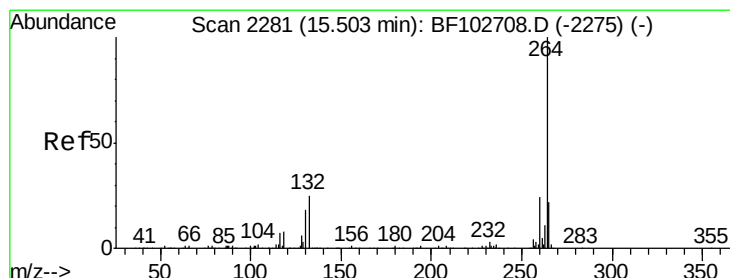
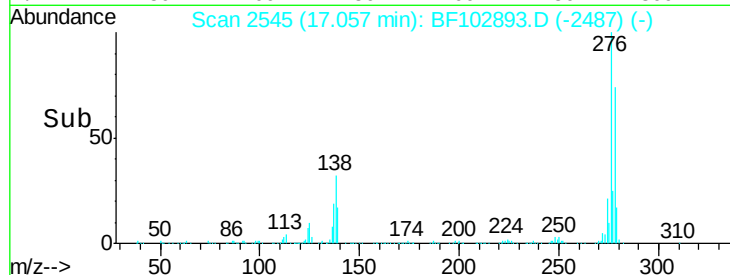
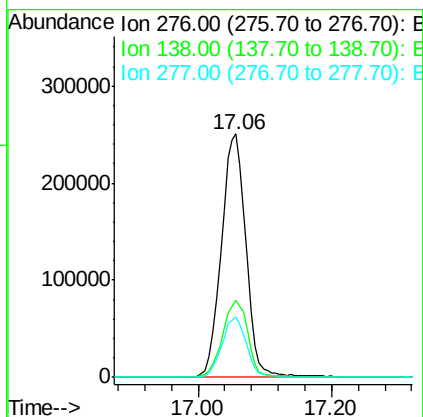
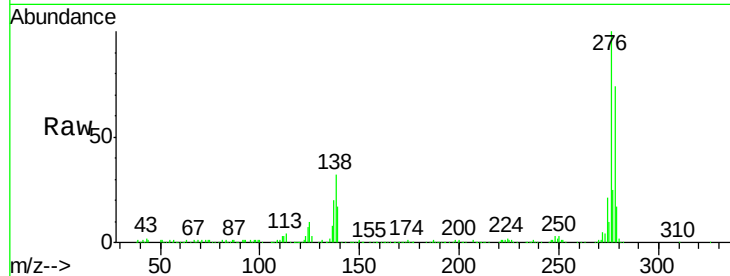
ClientSampleId :

PB106115BSD

Tot Ion:	276	Resp:	653410
Ion Ratio	Lower	Upper	
276	100		
138	32.8	25.0	37.6
277	24.7	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

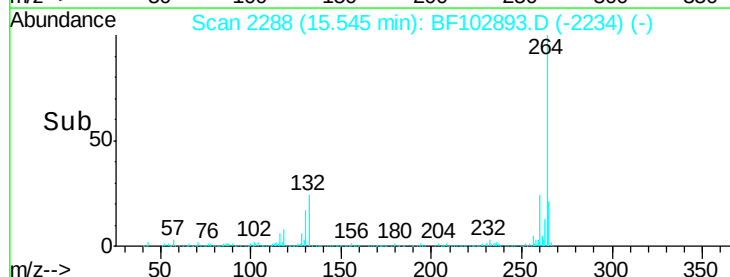
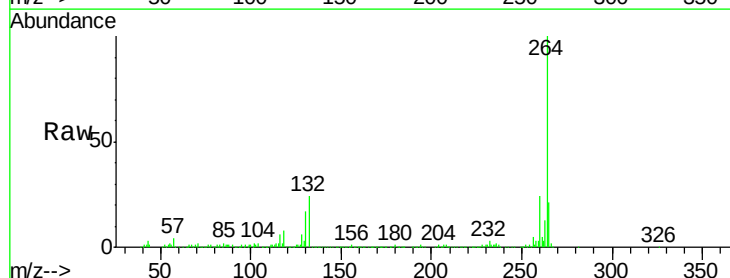
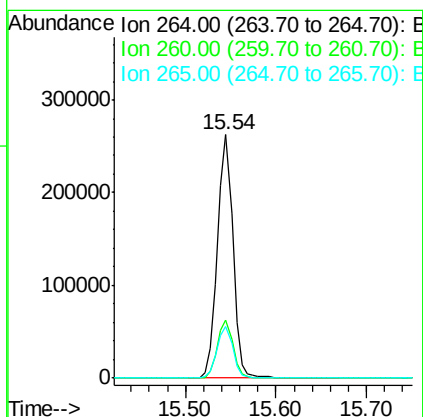
RT: 15.54 min Scan# 2288

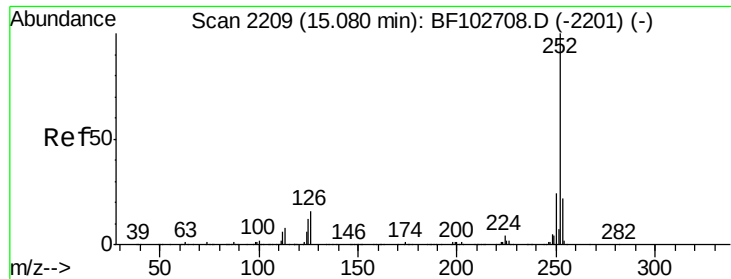
Delta R.T. 0.02 min

Lab File: BF102893.D

Acq: 9 Feb 2018 17:16

Tgt Ion:	264	Resp:	311962
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3





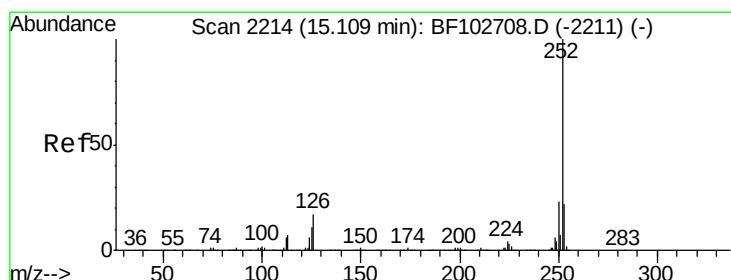
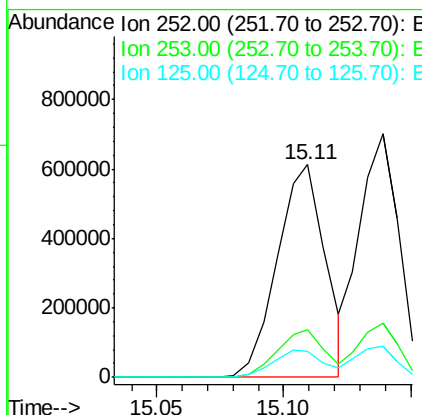
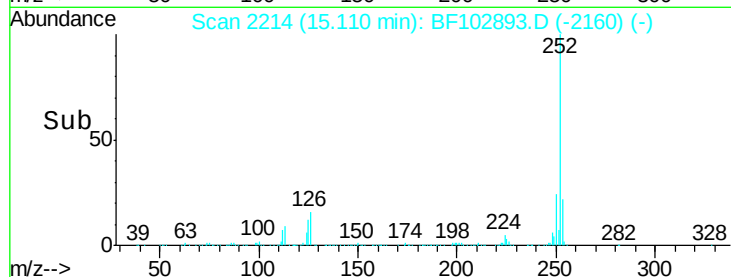
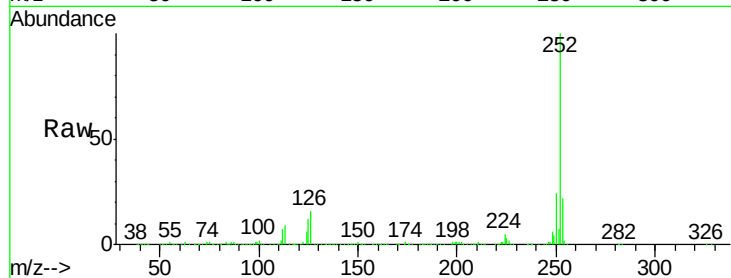
#87
Benzo(b)fluoranthene
Concen: 39.977 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.2	9.0	13.6

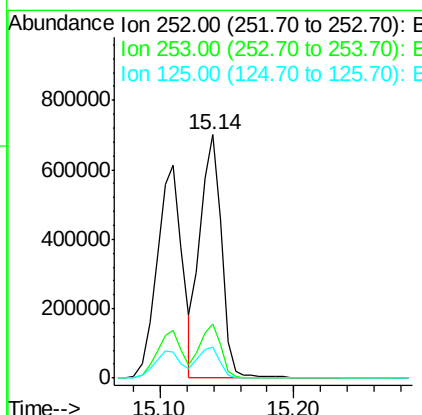
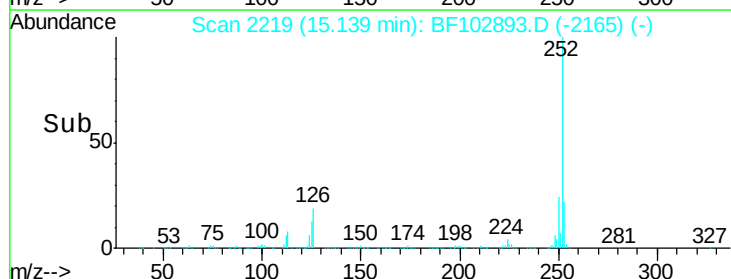
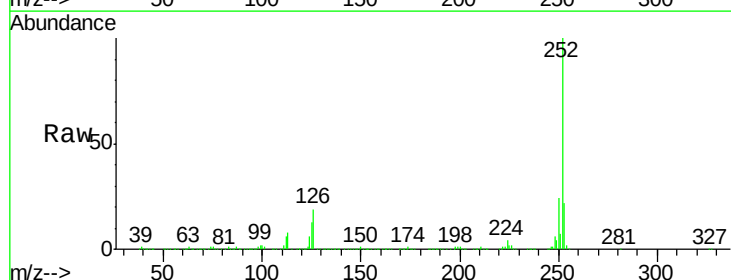
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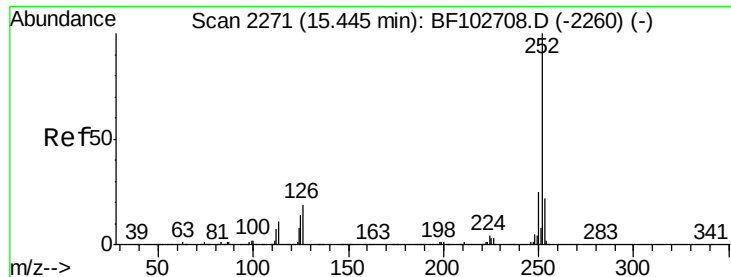
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#88
Benzo(k)fluoranthene
Concen: 39.990 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.9	10.2	15.2





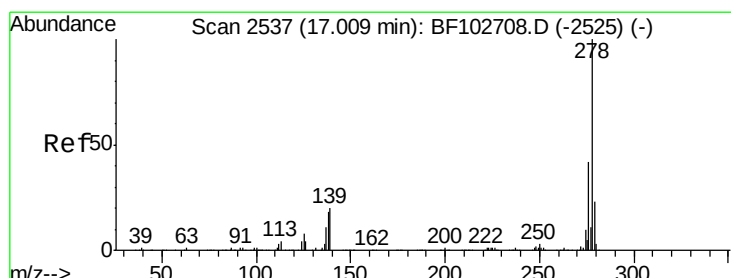
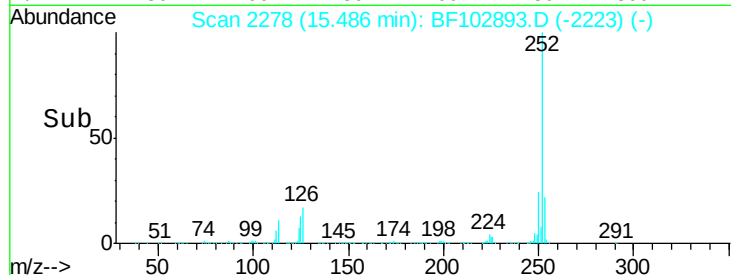
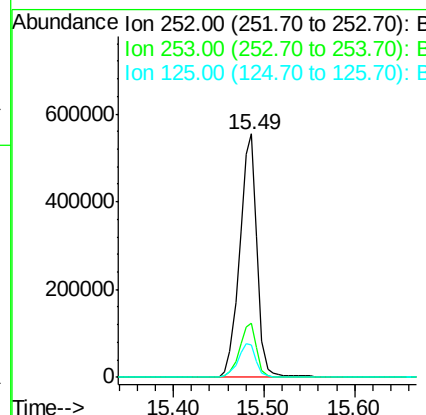
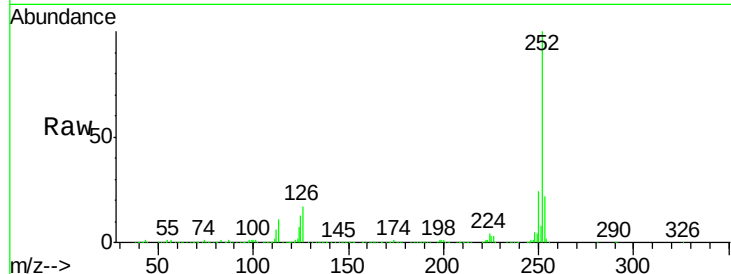
#89
Benzo(a)pyrene
Concen: 40.900 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Instrument :
BNA_F
ClientSampleId :
PB106115BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.4	9.8	14.6

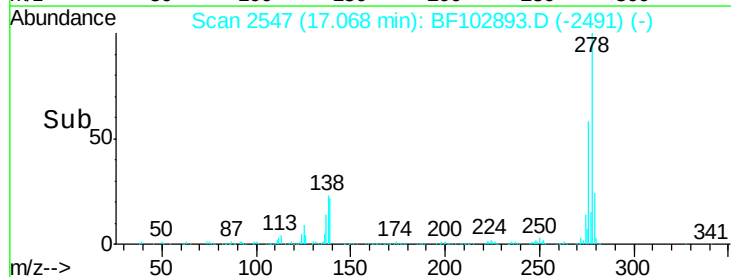
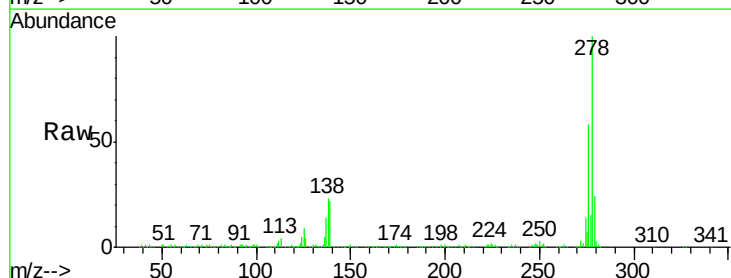
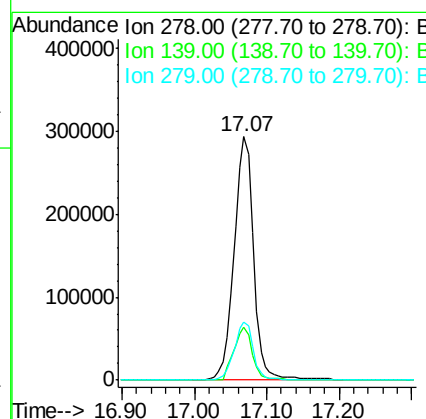
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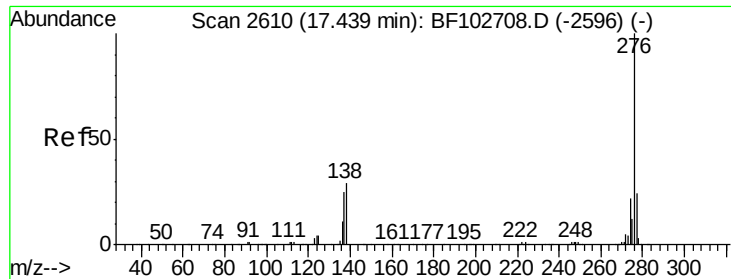
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#90
Dibenzo(a,h)anthracene
Concen: 37.398 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.03 min
Lab File: BF102893.D
Acq: 9 Feb 2018 17:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.508 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.04 min
 Lab File: BF102893.D
 Acq: 9 Feb 2018 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.8	21.8	32.8

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