

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101722.D
 Acq On : 26 Dec 2017 19:19
 Operator : SJ/JU
 Sample : PB105334BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:14:48 PM

Quant Time: Dec 27 05:47:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140848	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	574896	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	262294	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	492167	20.00	ng	0.00
75) Chrysene-d12	13.97	240	384348	20.00	ng	0.00
86) Perylene-d12	15.43	264	340700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	932251	98.59	ng	0.01
7) Phenol-d6	6.43	99	1078274	91.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	696131	67.40	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	260375	103.02	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1204013	71.21	ng	0.00
78) Terphenyl-d14	12.90	244	1191817	74.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	145640	29.976	ng	97
3) Pyridine	3.36	79	328876	24.363	ng	95
4) n-Nitrosodimethylamine	3.32	42	172983	27.832	ng	98
6) Aniline	6.46	93	201195	12.303	ng	# 82
8) 2-Chlorophenol	6.57	128	322331	32.406	ng	95
9) Benzaldehyde	6.36	77	136594	15.717	ng	99
10) Phenol	6.45	94	405015	30.197	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	322570	30.660	ng	96
12) 1,3-Dichlorobenzene	6.73	146	362655	32.305	ng	99
13) 1,4-Dichlorobenzene	6.80	146	371287	32.388	ng	99
14) 1,2-Dichlorobenzene	6.96	146	335827	32.545	ng	97
15) Benzyl Alcohol	6.95	79	251111	31.002	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	554391	34.431	ng	49
17) 2-Methylphenol	7.05	107	268074	29.299	ng	# 90
18) Hexachloroethane	7.29	117	128207	32.167	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	236382	30.587	ng	95
20) 3+4-Methylphenols	7.21	107	365454	37.693	ng	# 60
22) Acetophenone	7.20	105	464163	35.384	ng	# 94
24) Nitrobenzene	7.37	77	363051	31.763	ng	97
25) Isophorone	7.61	82	663310	32.016	ng	97
26) 2-Nitrophenol	7.69	139	179538	36.562	ng	94
27) 2,4-Dimethylphenol	7.73	122	295777	35.455	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	422839	32.129	ng	99
29) 2,4-Dichlorophenol	7.95	162	287667	34.903	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	281460	32.360	ng	97
31) Naphthalene	8.09	128	932169	32.208	ng	99
32) Benzoic acid	7.89	122	170986	33.334	ng	100
33) 4-Chloroaniline	8.16	127	90923	7.228	ng	99
34) Hexachlorobutadiene	8.20	225	164246	32.650	ng	98
35) Caprolactam	8.53	113	96524m	33.728	ng	
36) 4-Chloro-3-methylphenol	8.65	107	294671	32.529	ng	99
37) 2-Methylnaphthalene	8.78	142	621932	32.982	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	300205	33.900	ng	98
40) Hexachlorocyclopentadiene	8.93	237	66563	48.240	ng	98

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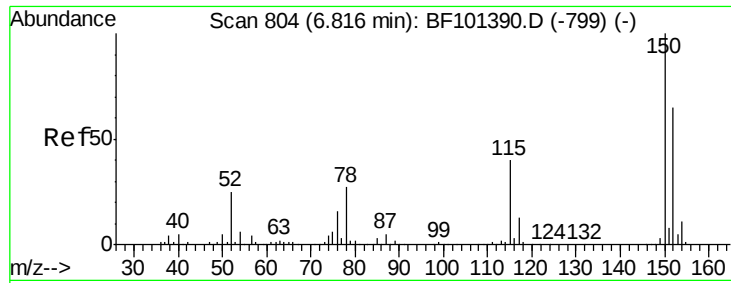
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	174380	32.708	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	169441	29.026	ng	95
45) 1,1'-Biphenyl	9.25	154	772173	33.195	ng	99
46) 2-Chloronaphthalene	9.27	162	577574	32.450	ng	97
47) 2-Nitroaniline	9.39	65	197958	32.196	ng	92
48) Acenaphthylene	9.69	152	849789	30.228	ng	99
49) Dimethylphthalate	9.55	163	636271	30.158	ng	99
50) 2,6-Dinitrotoluene	9.63	165	144026	33.588	ng	94
51) Acenaphthene	9.86	154	522654	30.945	ng	99
52) 3-Nitroaniline	9.80	138	71251	13.328	ng	100
53) 2,4-Dinitrophenol	9.93	184	90154	62.898	ng	# 20
54) Dibenzofuran	10.03	168	750848	34.981	ng	98
55) 4-Nitrophenol	9.99	139	106844	45.834	ng	93
56) 2,4-Dinitrotoluene	10.04	165	192128	39.768	ng	# 89
57) Fluorene	10.37	166	610961	33.648	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	150194	35.811	ng	87
59) Diethylphthalate	10.25	149	664663	31.813	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	296745	34.100	ng	91
61) 4-Nitroaniline	10.42	138	155201	28.882	ng	91
62) Azobenzene	10.52	77	671558	31.028	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	70093	27.908	ng	86
65) n-Nitrosodiphenylamine	10.49	169	561430	30.894	ng	95
66) 4-Bromophenyl-phenylether	10.85	248	190781	34.498	ng	90
67) Hexachlorobenzene	10.93	284	195157	33.344	ng	# 91
68) Atrazine	11.02	200	186331	34.386	ng	96
69) Pentachlorophenol	11.13	266	116898	53.707	ng	98
70) Phenanthrene	11.34	178	898651	32.833	ng	99
71) Anthracene	11.40	178	940069	33.624	ng	99
72) Carbazole	11.56	167	867489	33.141	ng	98
73) Di-n-butylphthalate	11.86	149	1061635	33.416	ng	99
74) Fluoranthene	12.53	202	955798	33.270	ng	99
76) Benzidine	12.66	184	254821	15.698	ng	99
77) Pyrene	12.76	202	986173	34.188	ng	100
79) Butylbenzylphthalate	13.36	149	448471	34.361	ng	98
80) Benzo(a)anthracene	13.96	228	813862	32.068	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	152095	18.379	ng	# 97
82) Chrysene	13.99	228	793364	33.109	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	588120	35.575	ng	98
84) Di-n-octyl phthalate	14.53	149	1007785	34.182	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	626381	29.354	ng	96
87) Benzo(b)fluoranthene	15.01	252	693745	33.407	ng	99
88) Benzo(k)fluoranthene	15.03	252	657095	32.544	ng	99
89) Benzo(a)pyrene	15.37	252	642216	33.547	ng	100
90) Dibenzo(a,h)anthracene	16.90	278	525460	31.969	ng	97
91) Benzo(g,h,i)perylene	17.36	276	530672	32.605	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

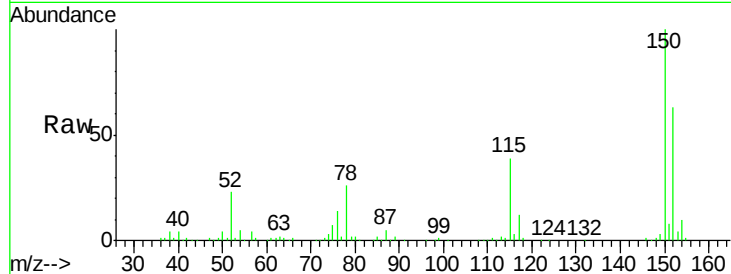
ClientSampleId :

PB105334BS

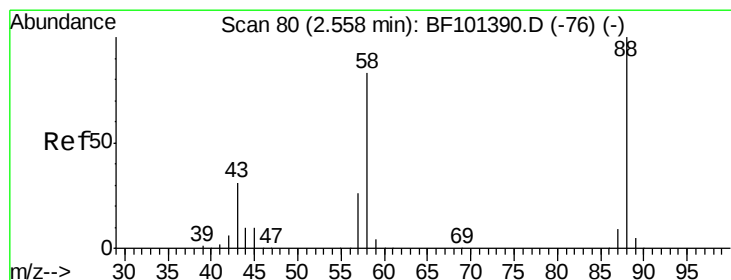
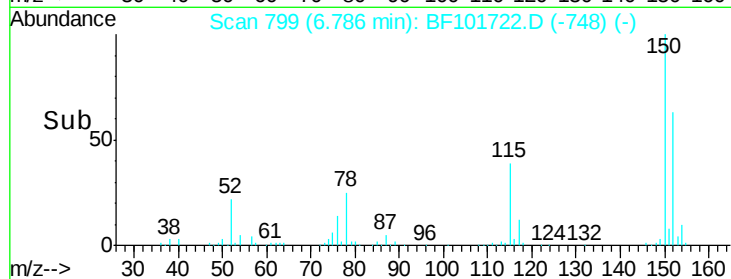
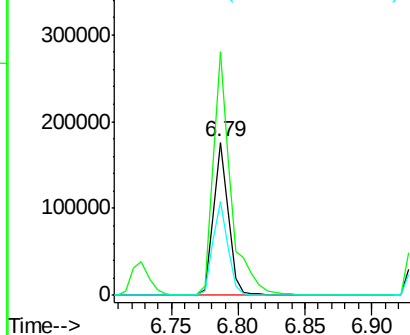
Tgt Ion:	152	Resp:	140848
Ion Ratio	Lower	Upper	
152	100		
150	159.1	124.6	186.8
115	61.4	50.1	75.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.976 ng

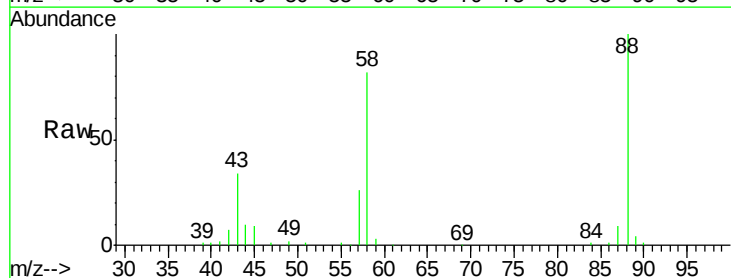
RT: 2.60 min Scan# 87

Delta R.T. 0.11 min

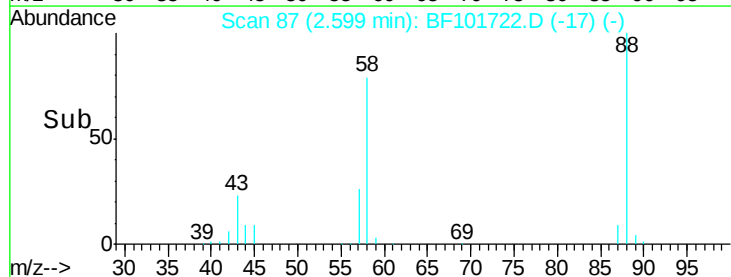
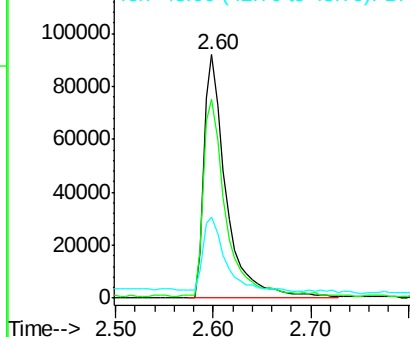
Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	88	Resp:	145640
Ion Ratio	Lower	Upper	
88	100		
58	81.6	62.6	93.8
43	31.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 24.363 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.11 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

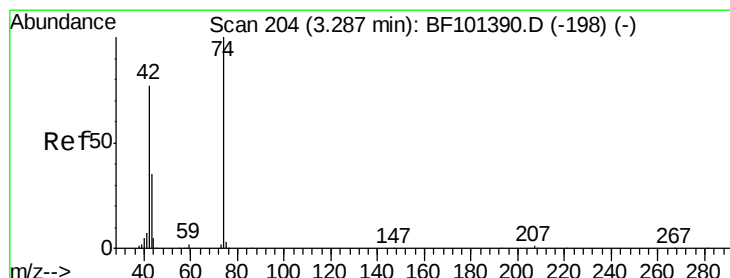
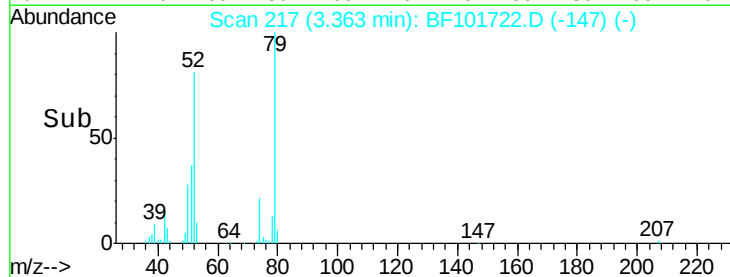
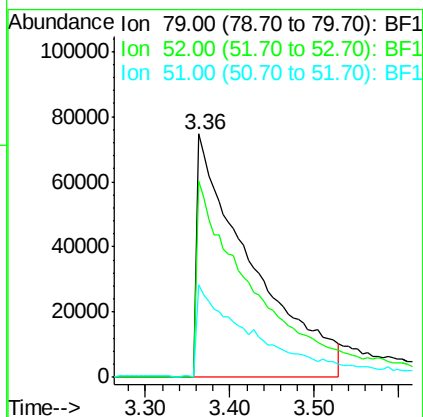
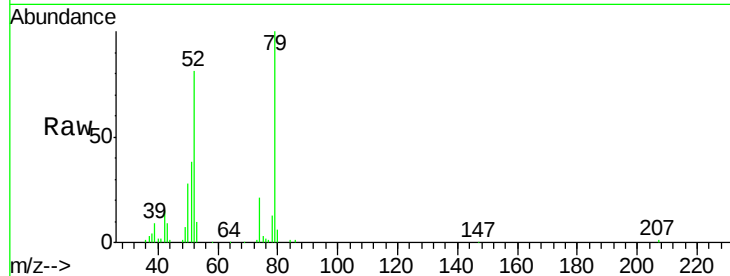
ClientSampleId :

PB105334BS

Tgt Ion:	79	Resp:	328876
Ion Ratio	Lower	Upper	
79	100		
52	80.7	59.8	89.6
51	37.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 27.832 ng

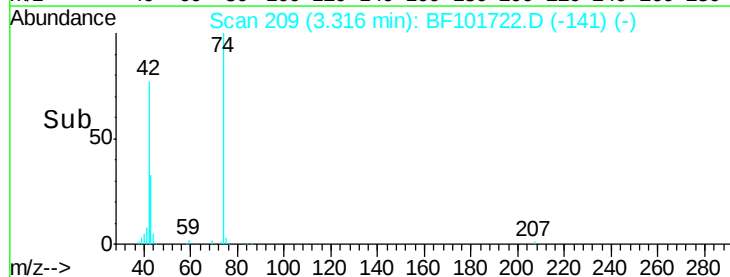
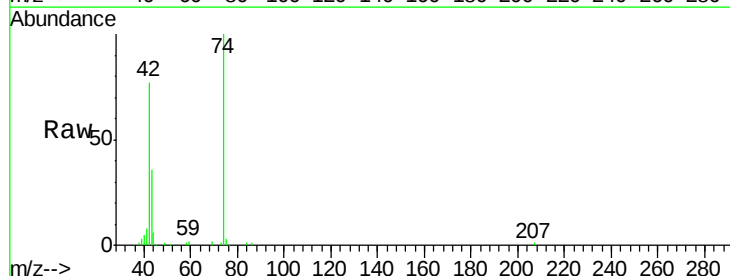
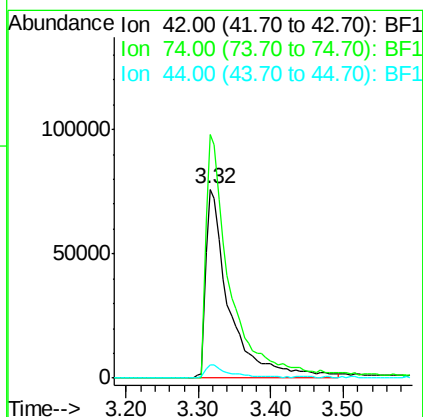
RT: 3.32 min Scan# 209

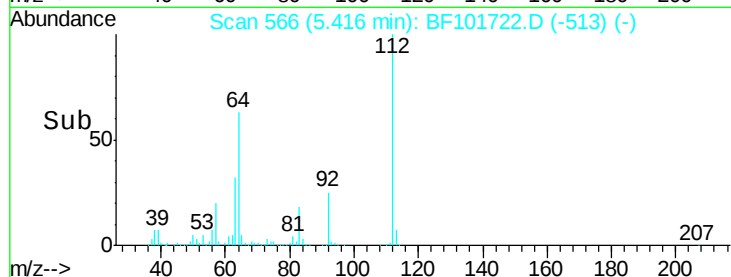
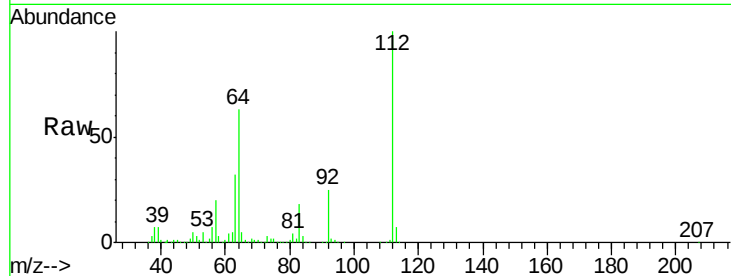
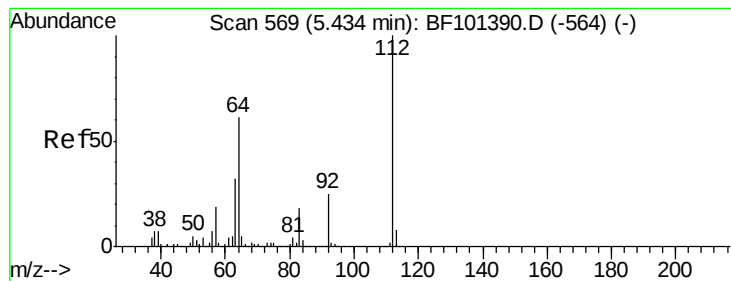
Delta R.T. 0.10 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	42	Resp:	172983
Ion Ratio	Lower	Upper	
42	100		
74	129.1	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 98.593 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	932251		
64	63.3	47.9	71.9	
63	31.8	23.7	35.5	

Instrument :

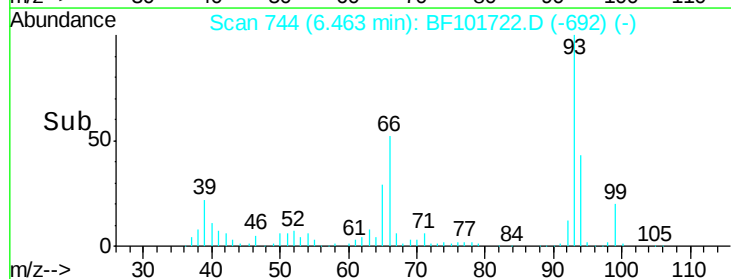
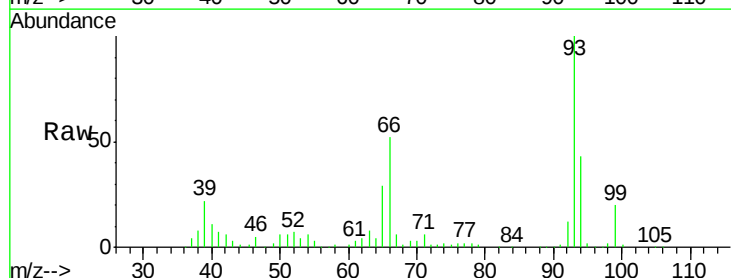
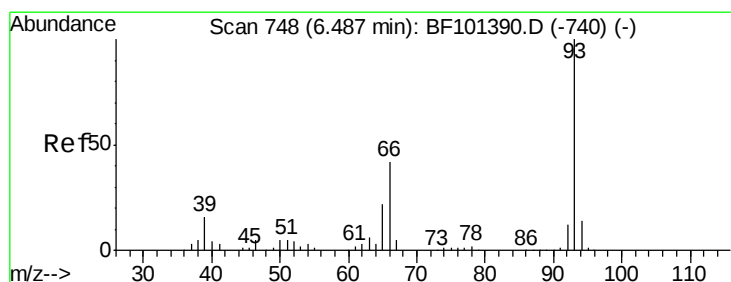
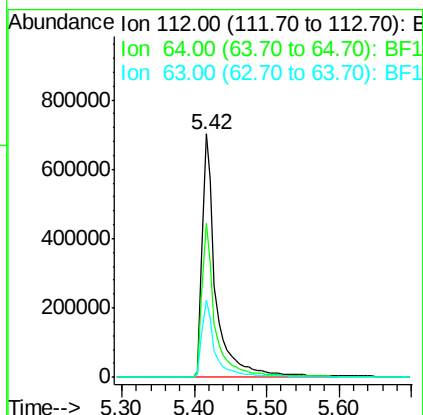
BNA_F

ClientSampleId :

PB105334BS

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#6

Aniline

Concen: 12.303 ng

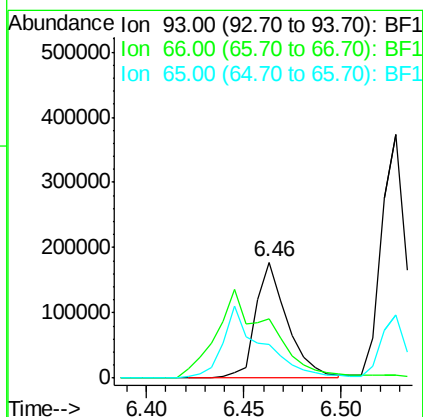
RT: 6.46 min Scan# 744

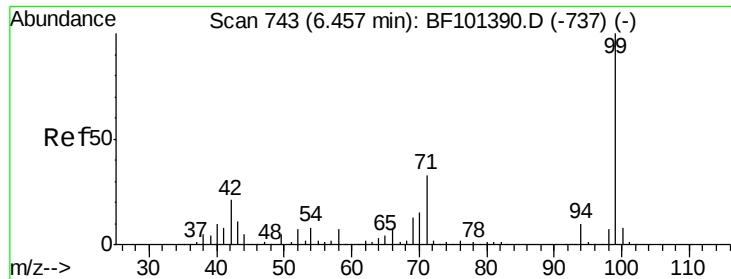
Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	201195		
66	51.6	32.2	48.2#	
65	28.7	16.4	24.6#	





#7

Phenol-d6

Concen: 91.629 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

ClientSampleId :

PB105334BS

Tgt Ion: 99 Resp: 1078274

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

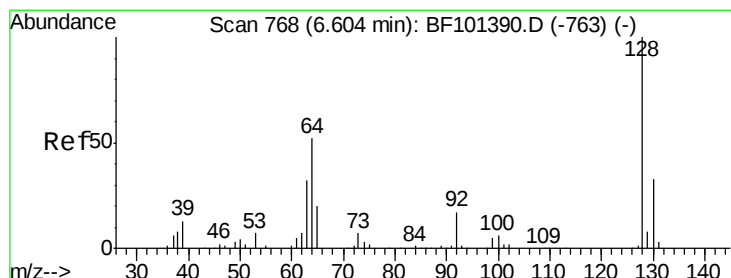
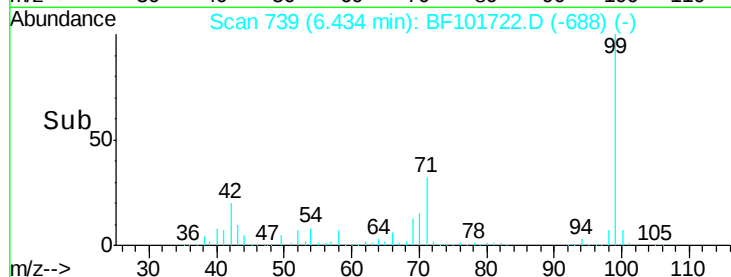
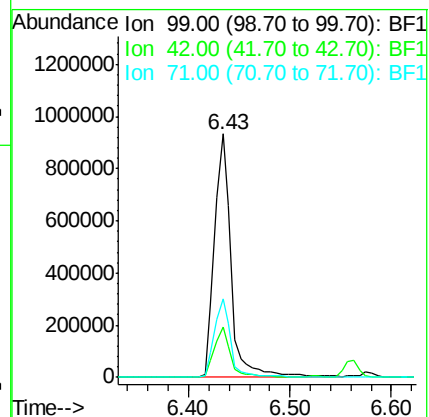
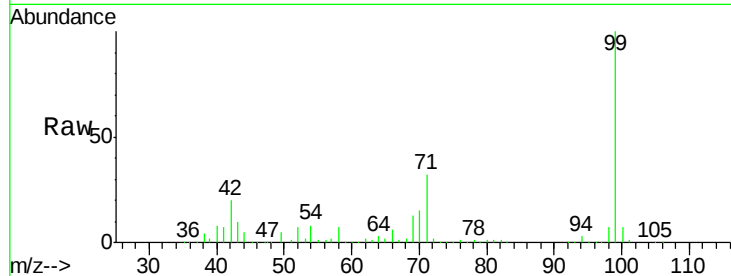
71 32.3 25.4 38.0

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#8

2-Chlorophenol

Concen: 32.406 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

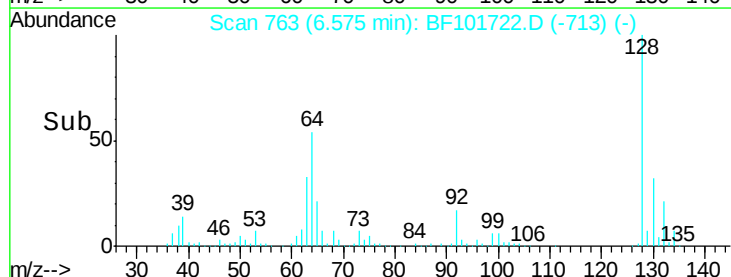
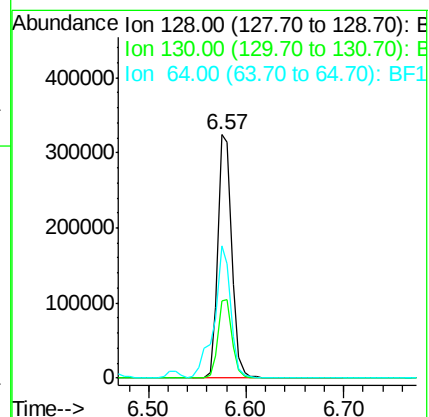
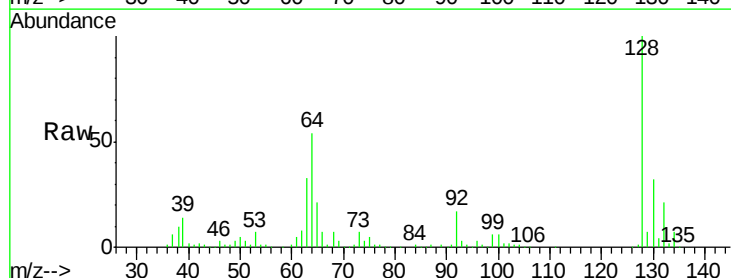
Tgt Ion: 128 Resp: 322331

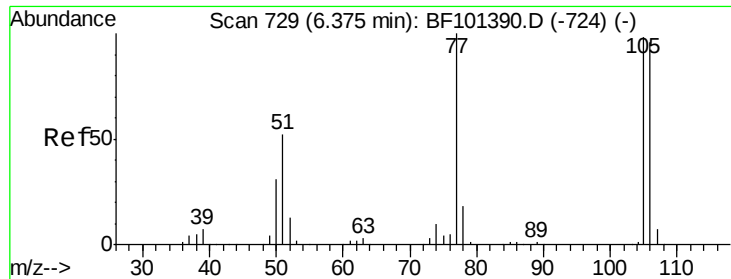
Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

64 54.3 29.4 69.4





#9

Benzaldehyde

Concen: 15.717 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

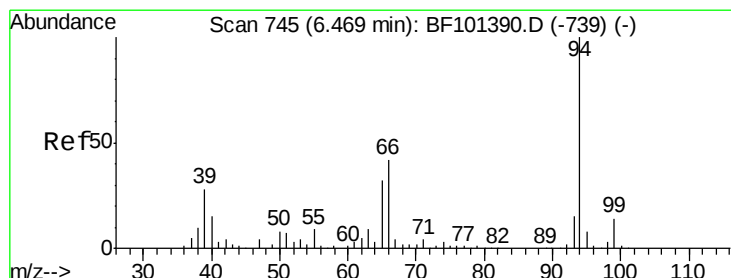
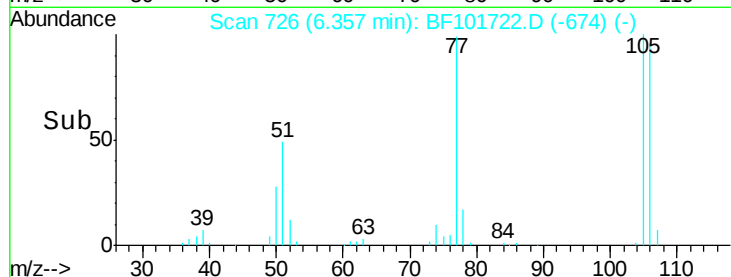
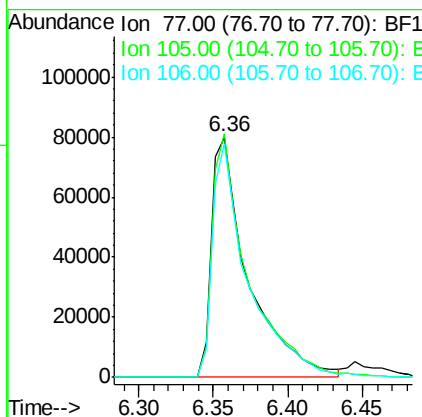
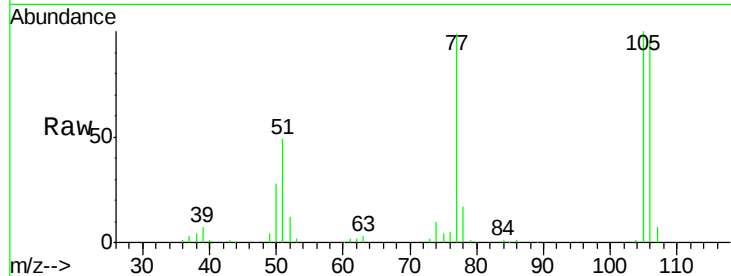
ClientSampleId :

PB105334BS

Tgt Ion:	77	Resp:	136594
Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.1	121.1
106	97.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 30.197 ng

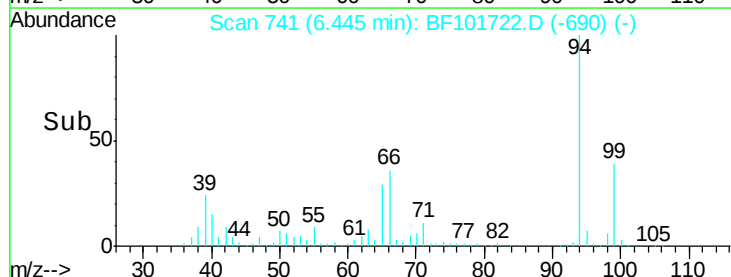
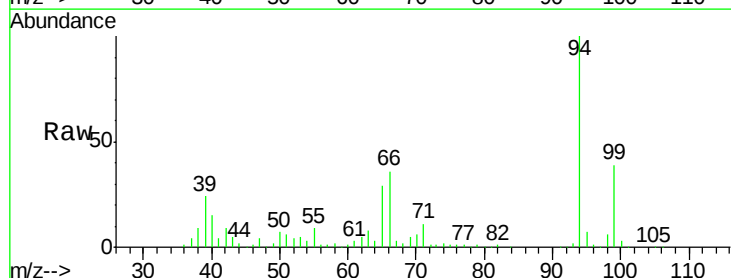
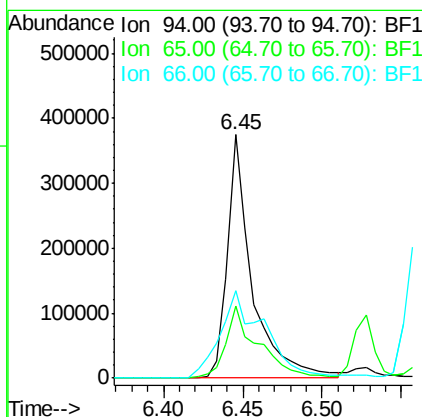
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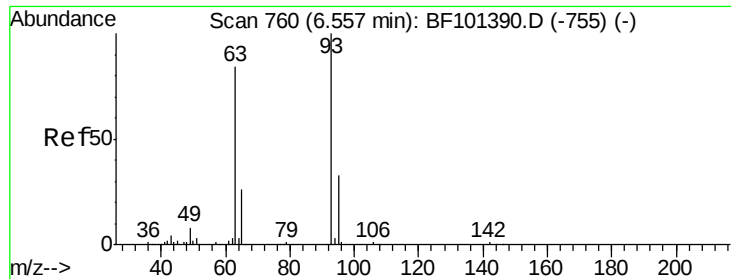
Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	94	Resp:	405015
Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	36.1	16.2	56.2





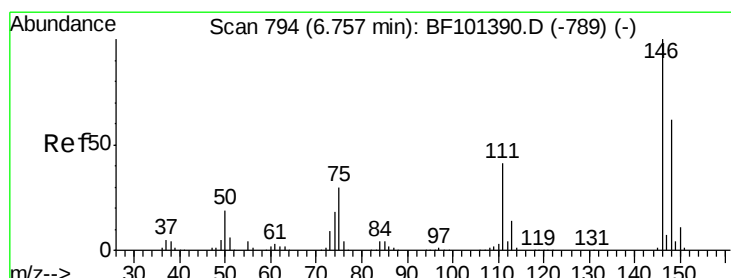
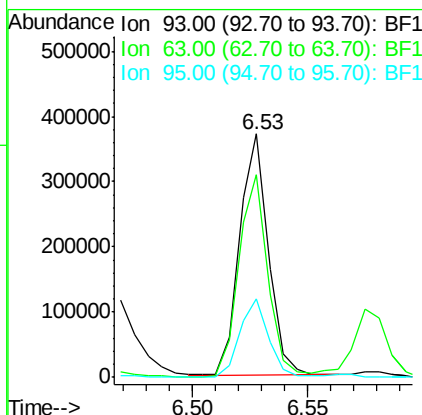
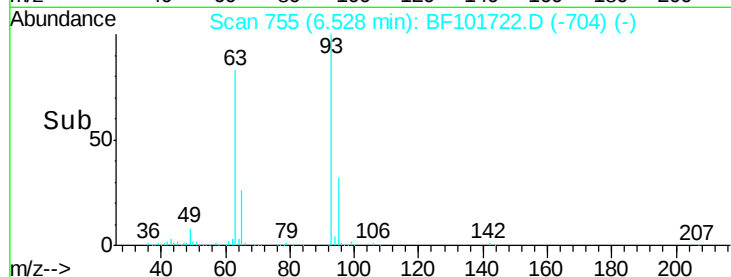
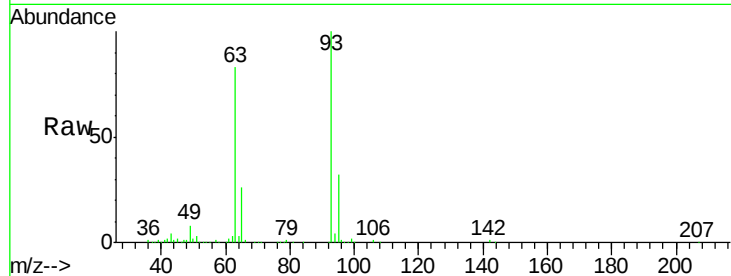
#11
bis(2-Chloroethyl)ether
Concen: 30.660 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion:	93	Resp:	322570
Ion	Ratio	Lower	Upper
93	100		
63	83.5	58.6	98.6
95	32.1	11.8	51.8

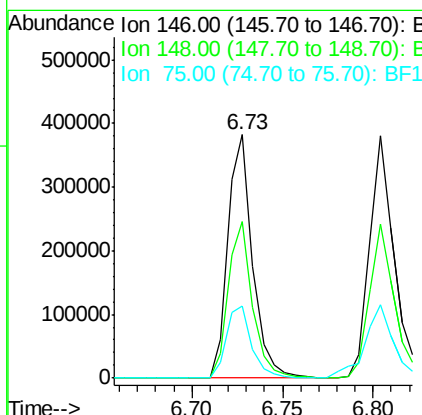
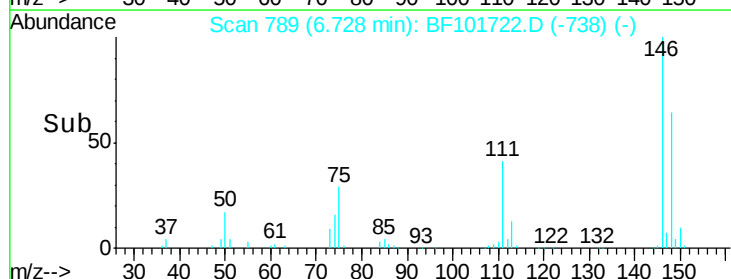
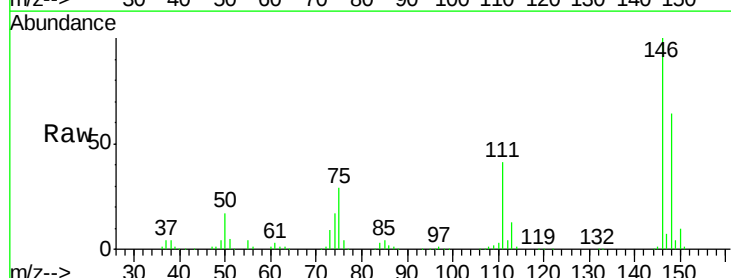
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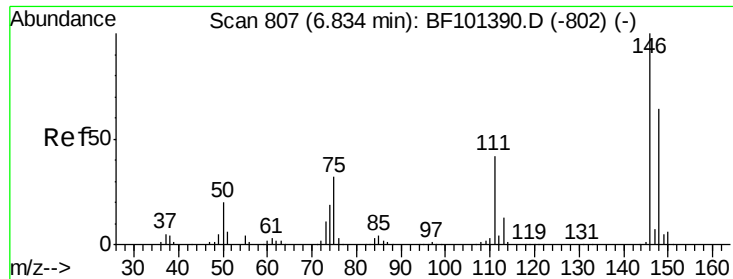
Sohil
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#12
1,3-Dichlorobenzene
Concen: 32.305 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:	146	Resp:	362655
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	29.5	24.2	36.4





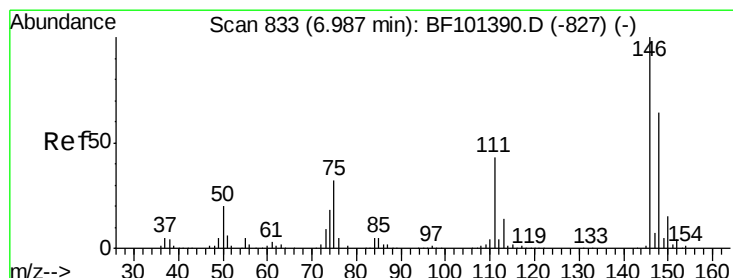
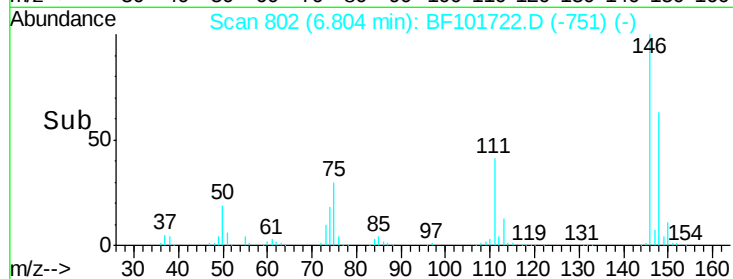
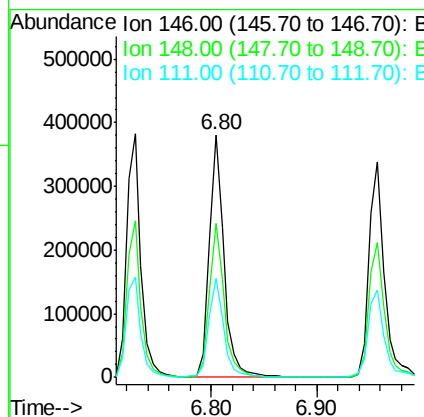
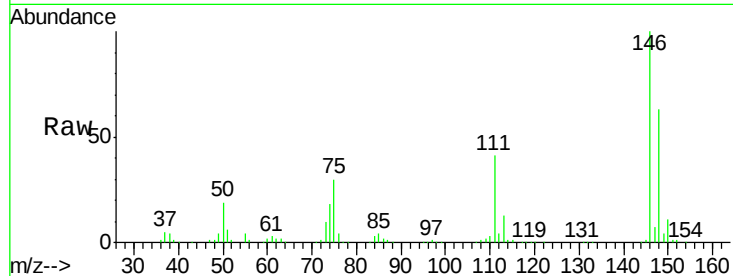
#13
 1,4-Dichlorobenzene
 Concen: 32.388 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	40.7	34.2	51.2

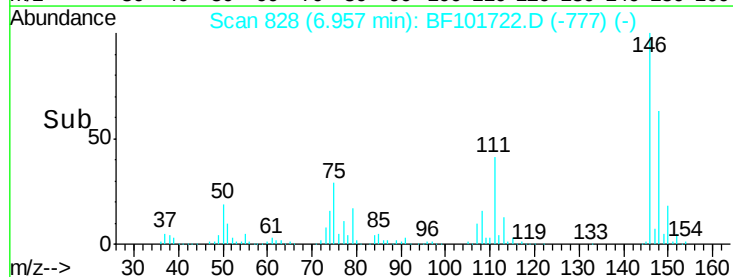
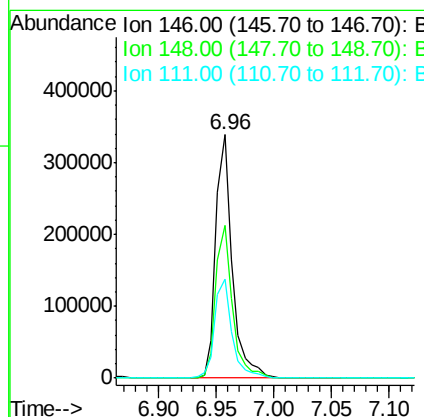
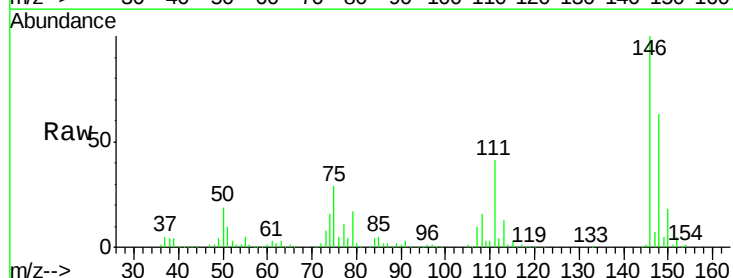
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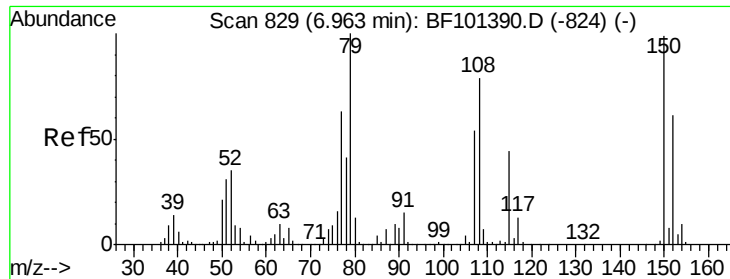
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#14
 1,2-Dichlorobenzene
 Concen: 32.545 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	75.8
111	40.8	36.0	54.0





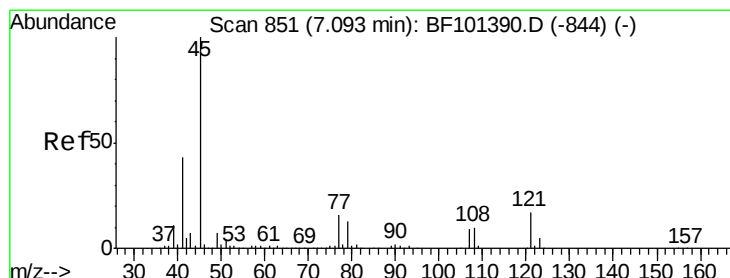
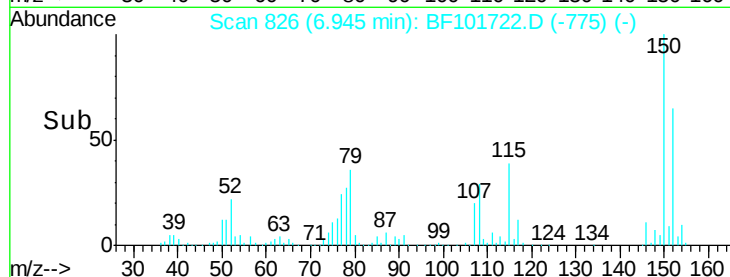
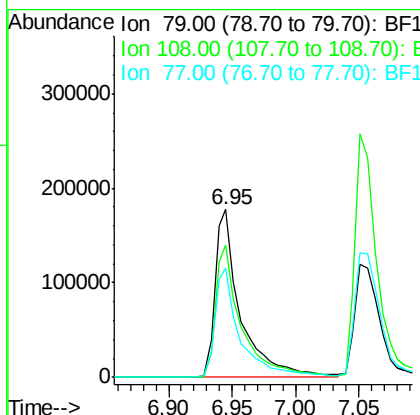
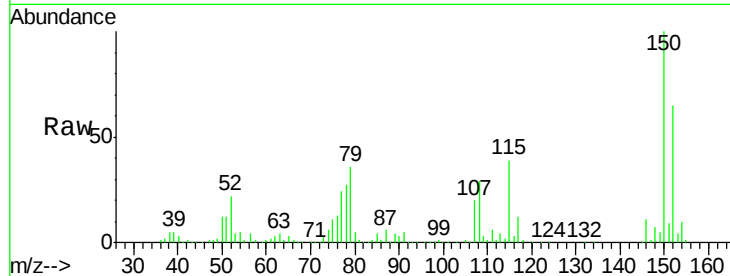
#15
Benzyl Alcohol
Concen: 31.002 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.7	65.1	97.7
77	65.2	50.6	75.8

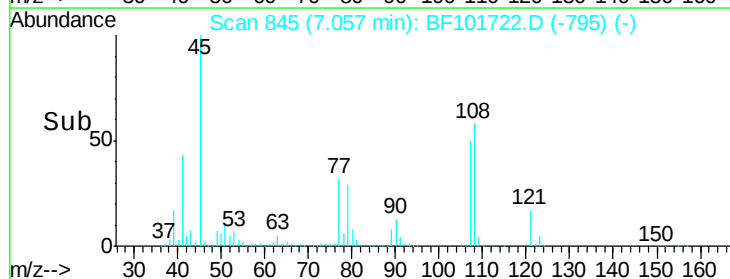
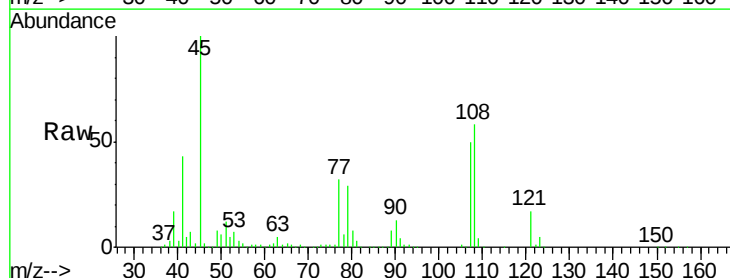
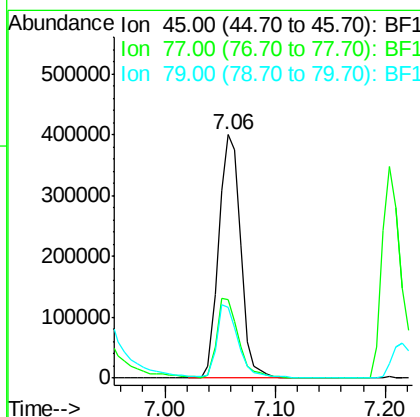
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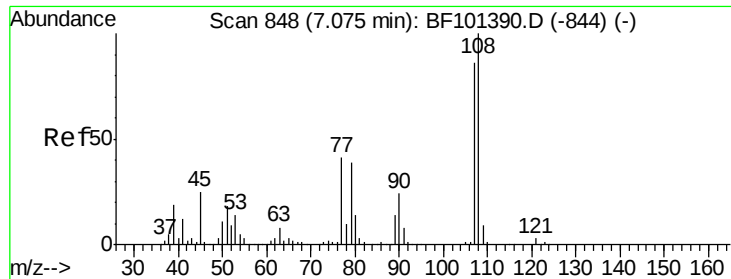
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.431 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.5	0.0	32.9
79	29.0	0.0	29.6





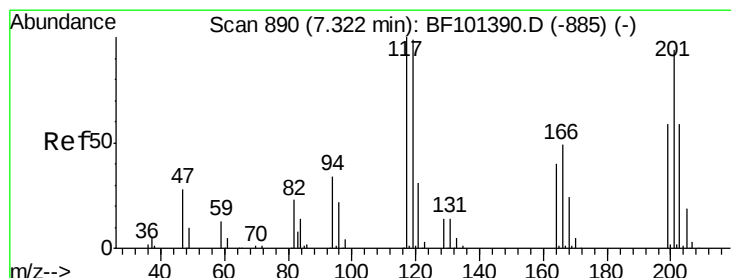
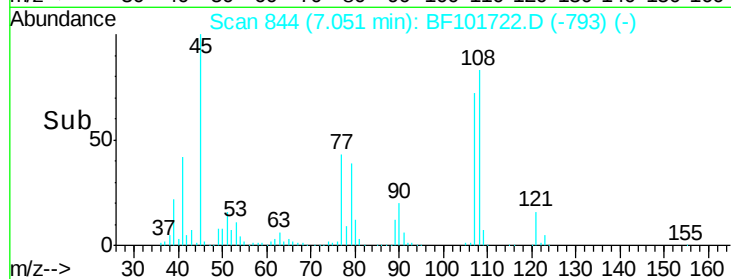
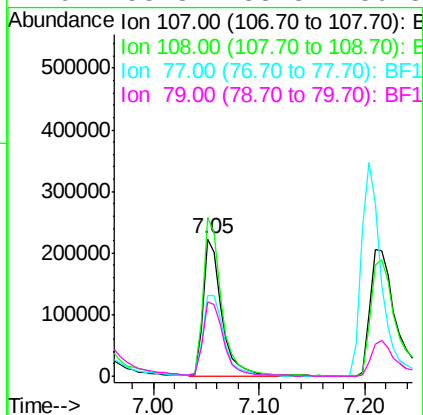
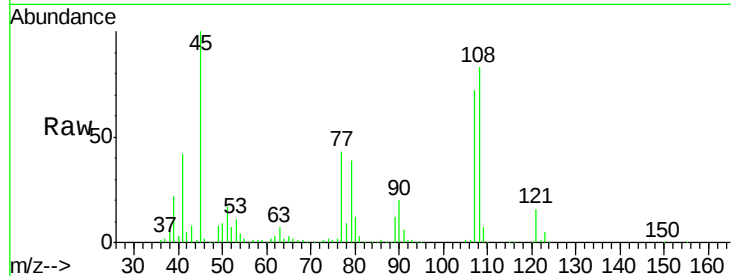
#17
2-Methylphenol
Concen: 29.299 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	268074		
108	115.6	91.7	137.5	
77	58.9	33.8	50.8#	
79	53.8	33.8	50.8#	

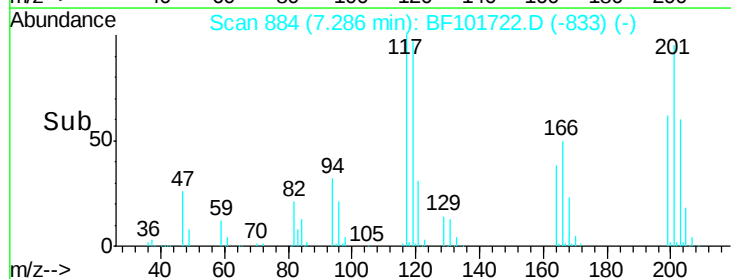
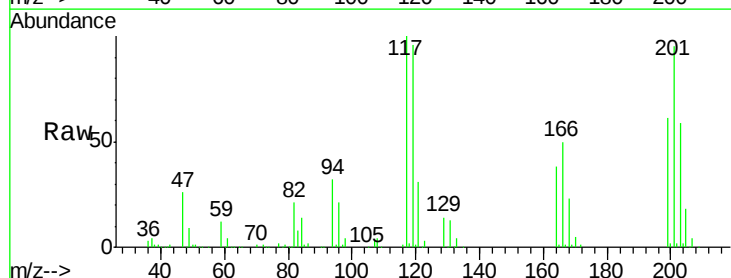
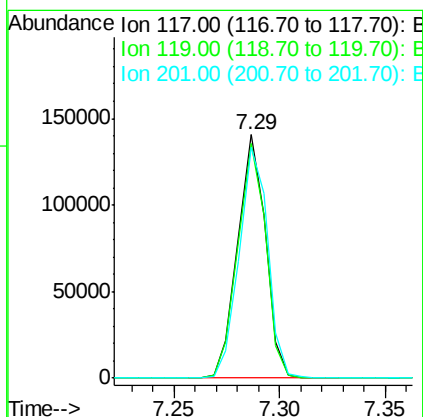
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#18
Hexachloroethane
Concen: 32.167 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	128207		
119	96.3	75.8	113.8	
201	94.7	75.7	113.5	





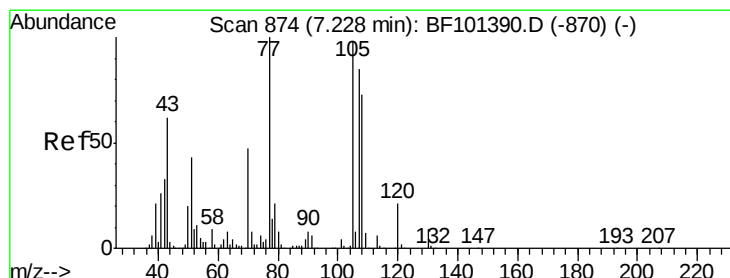
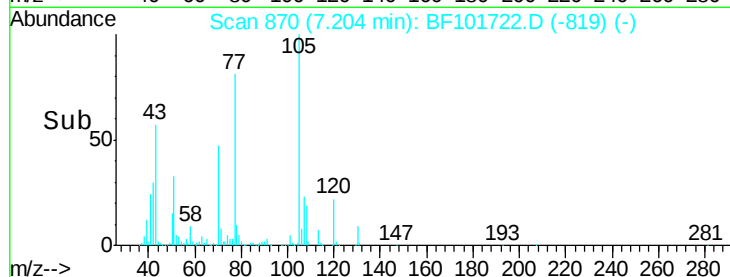
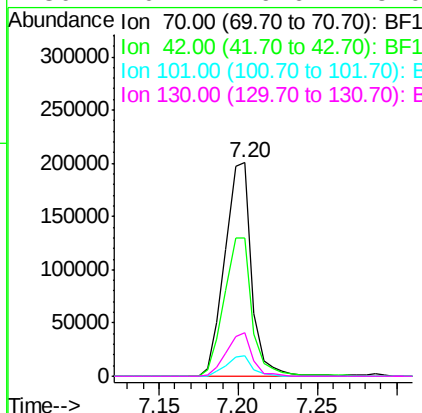
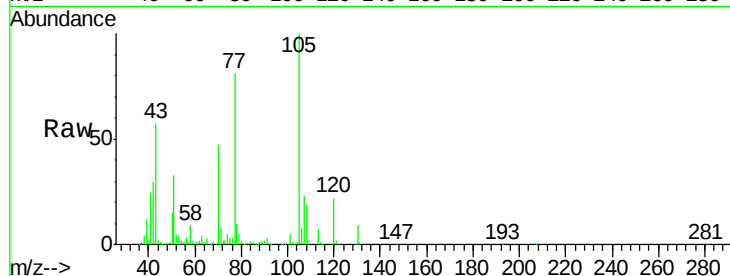
#19
n-Nitroso-di-n-propylamine
Concen: 30.587 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.6	47.5	71.3
101	9.6	7.4	11.2
130	20.1	16.6	25.0

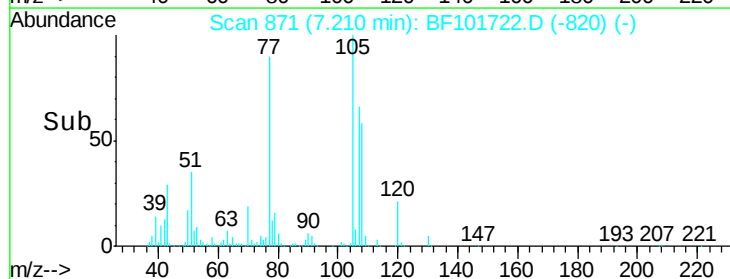
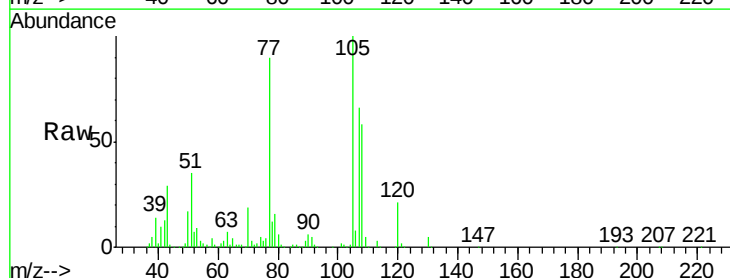
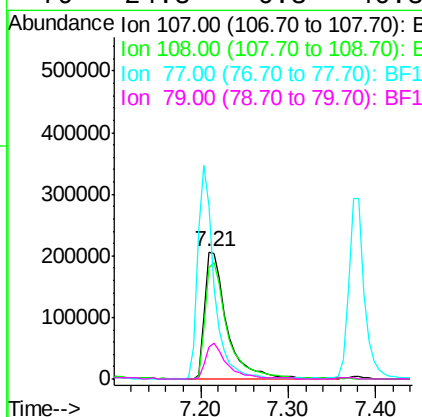
Manual Integrations
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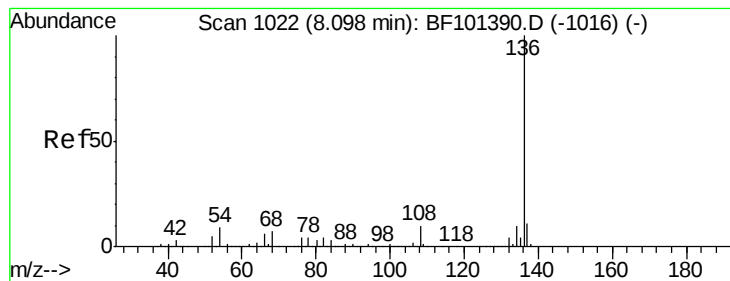
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#20
3+4-Methylphenols
Concen: 37.693 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	136.4	26.7	66.7#
79	24.8	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

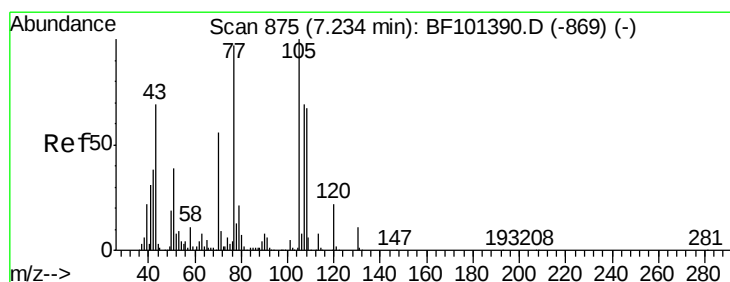
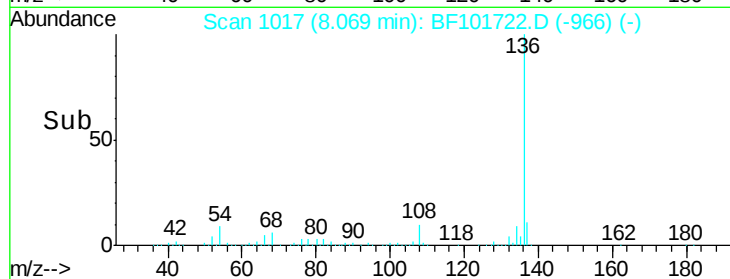
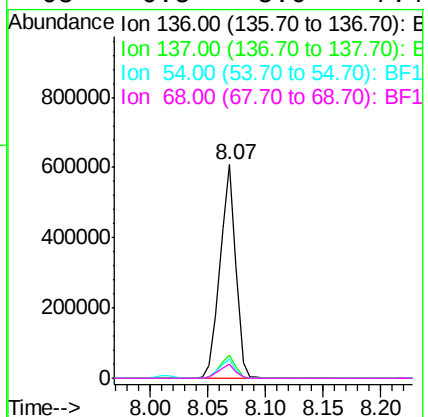
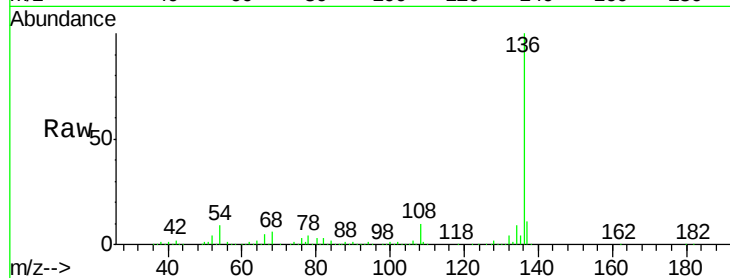
ClientSampleId :

PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	574896		
137	10.8	8.9	13.3	
54	9.1	6.6	9.8	
68	6.5	5.0	7.4	

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#22

Acetophenone

Concen: 35.384 ng

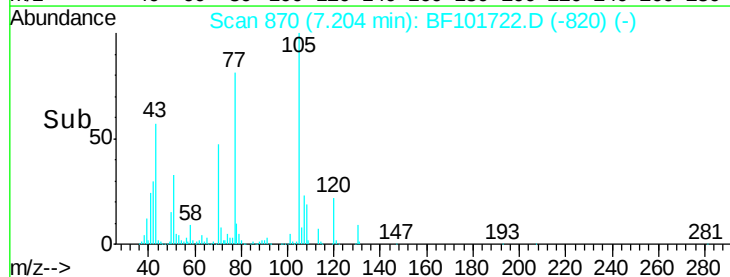
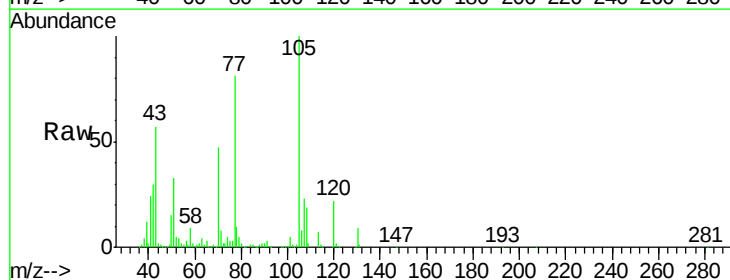
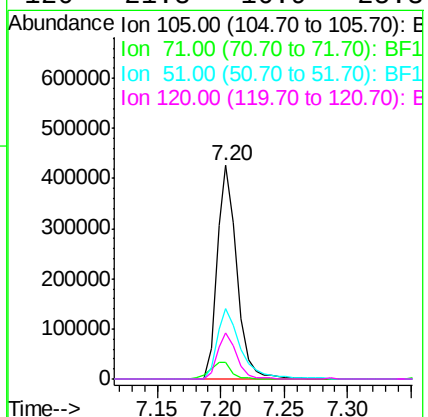
RT: 7.20 min Scan# 870

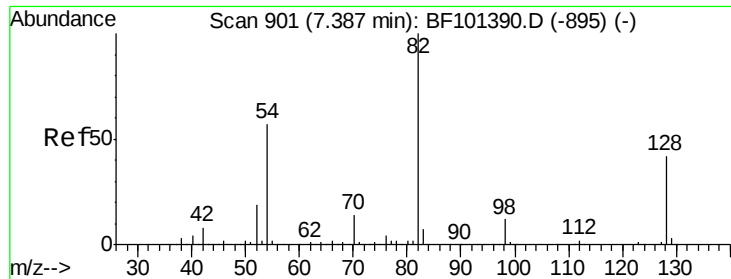
Delta R.T. -0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	464163		
71	7.7	4.4	6.6#	
51	33.1	22.3	33.5	
120	21.8	16.9	25.3	





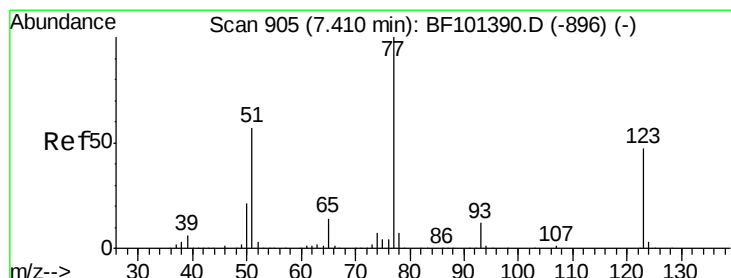
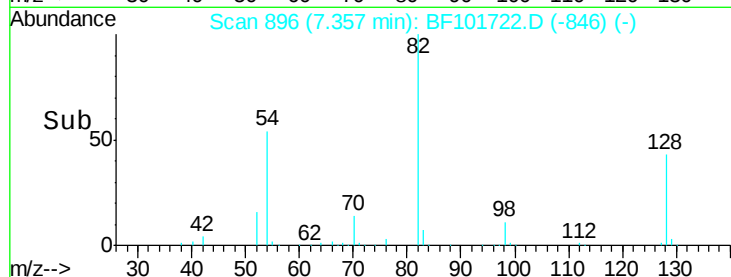
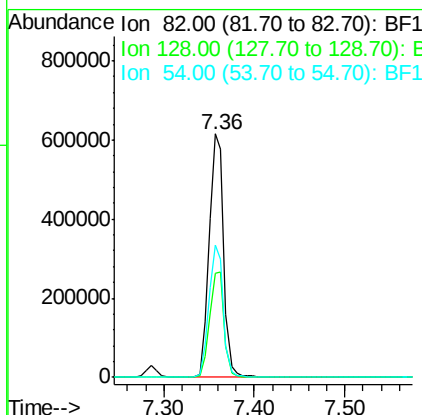
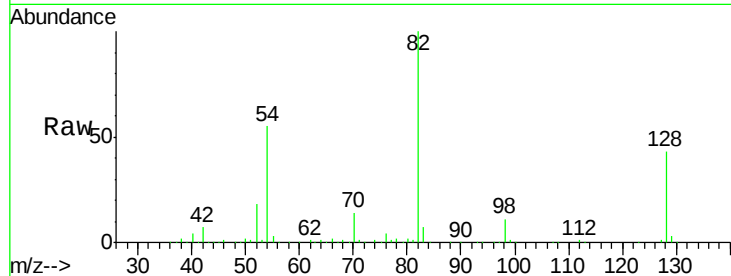
#23
 Nitrobenzene-d5
 Concen: 67.405 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	696131		
128	42.7	36.1	54.1	
54	54.6	41.4	62.2	

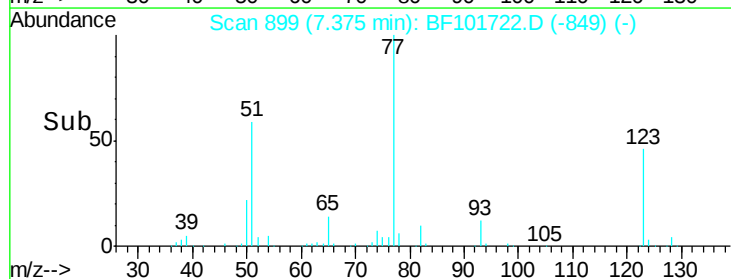
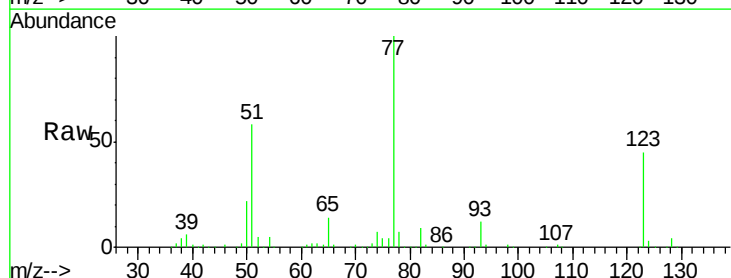
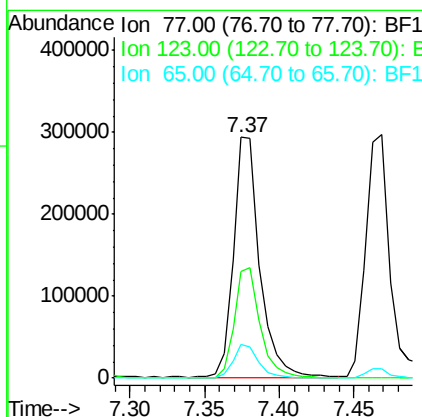
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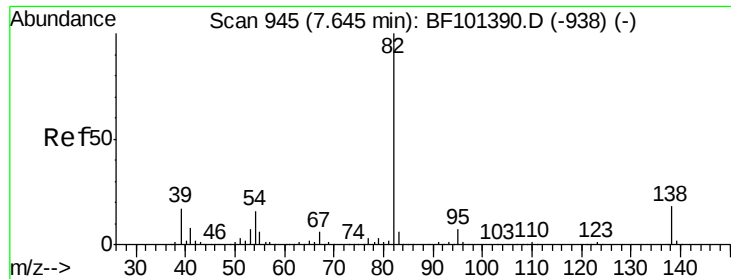
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#24
 Nitrobenzene
 Concen: 31.763 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	363051		
123	44.6	37.9	56.9	
65	13.7	11.0	16.4	





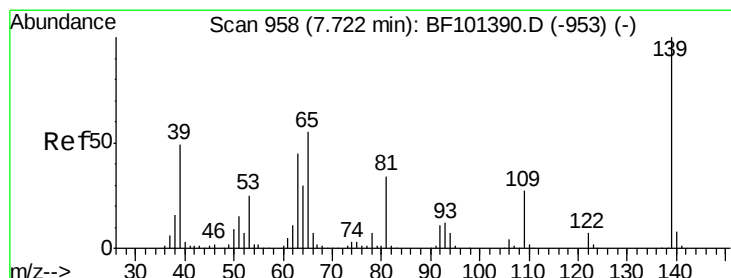
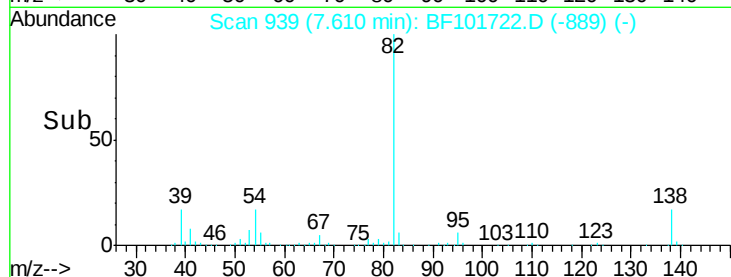
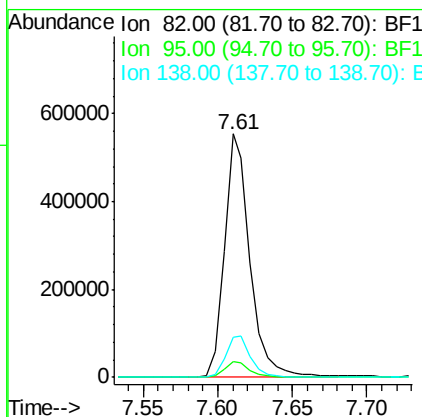
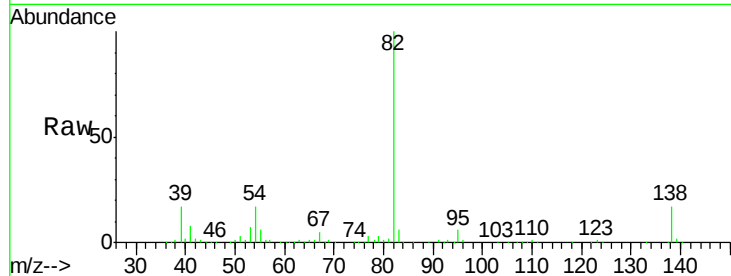
#25
Isophorone
Concen: 32.016 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	663310		
95	6.4	5.2	7.8	
138	16.7	14.9	22.3	

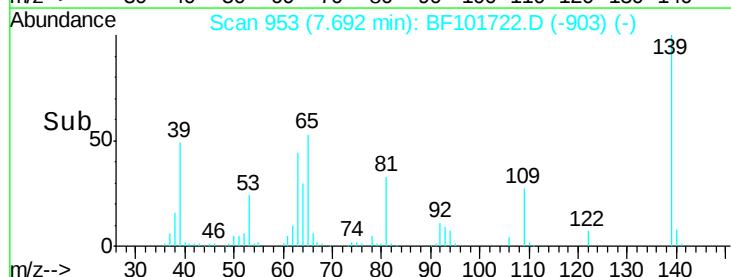
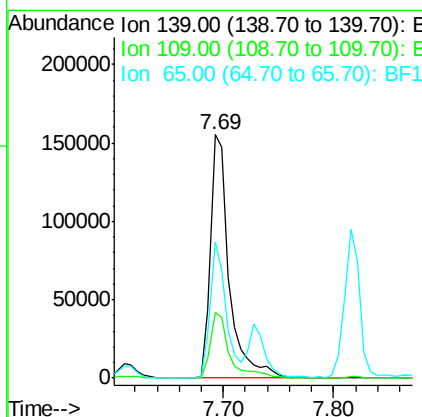
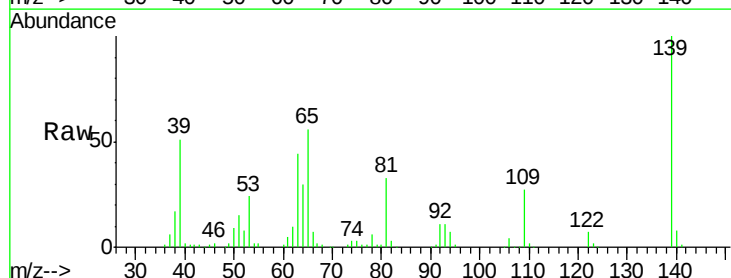
Manual Integrations
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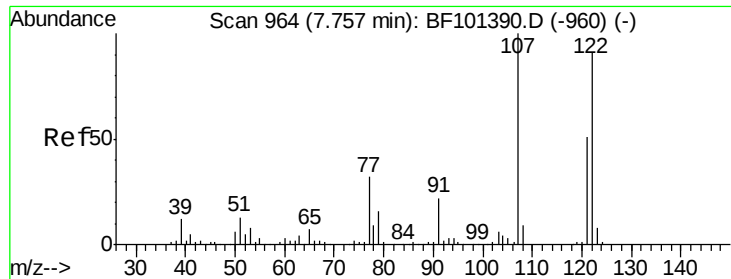
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#26
2-Nitrophenol
Concen: 36.562 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	179538		
109	27.2	22.7	34.1	
65	56.0	40.5	60.7	





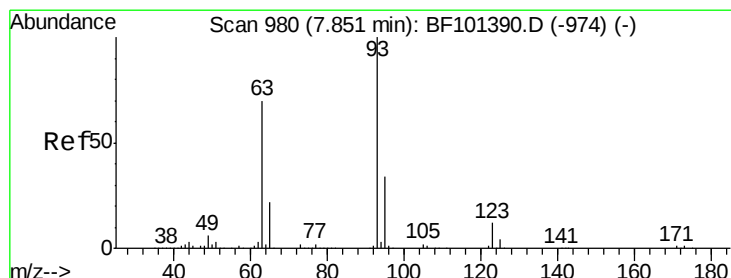
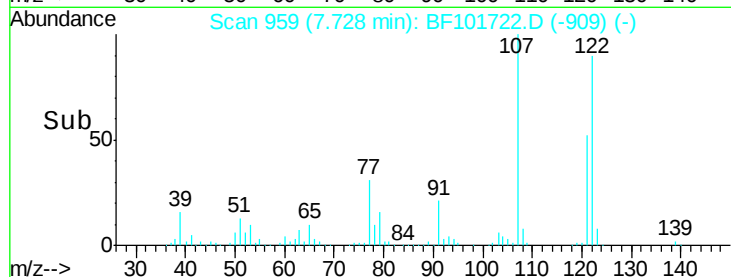
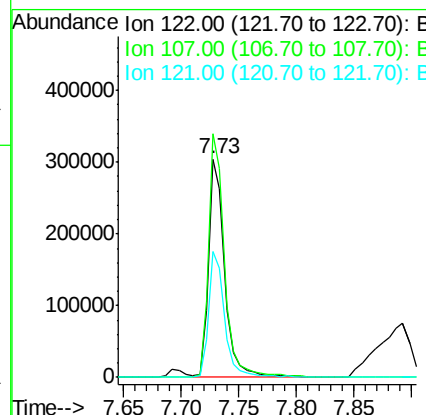
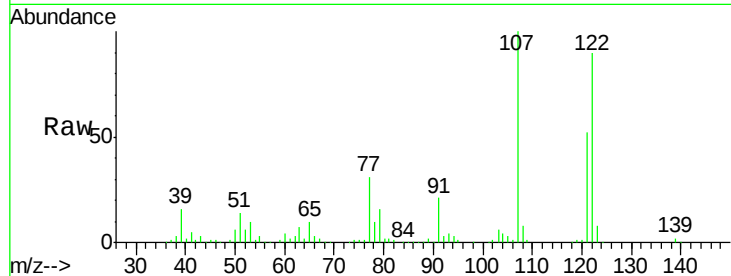
#27
 2,4-Dimethylphenol
 Concen: 35.455 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampled :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	295777		
107	111.6	91.2	136.8	
121	57.8	47.2	70.8	

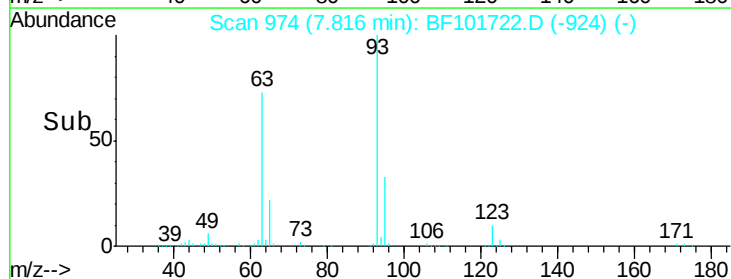
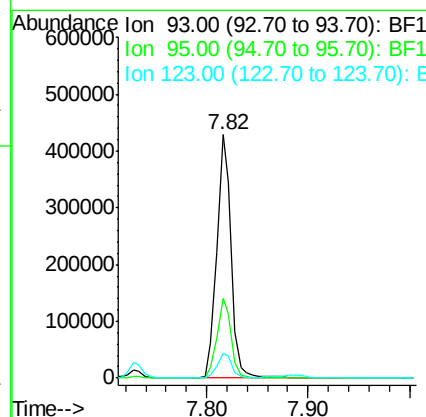
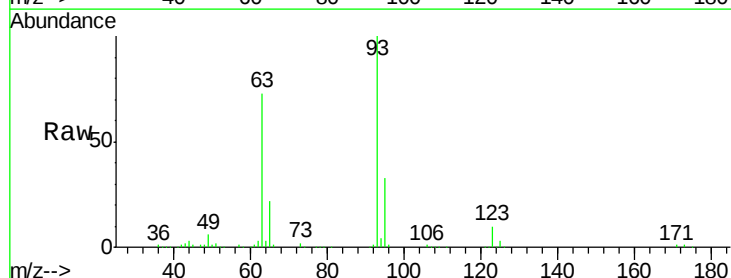
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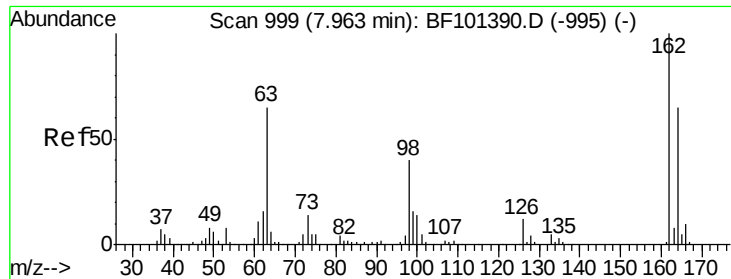
Sohil
 12/27/2017 4:14:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.129 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	422839		
95	32.8	26.3	39.5	
123	10.3	9.8	14.6	





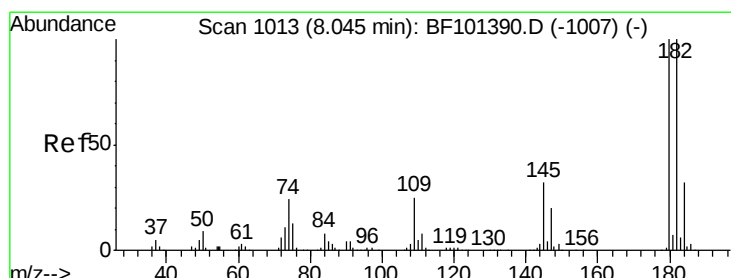
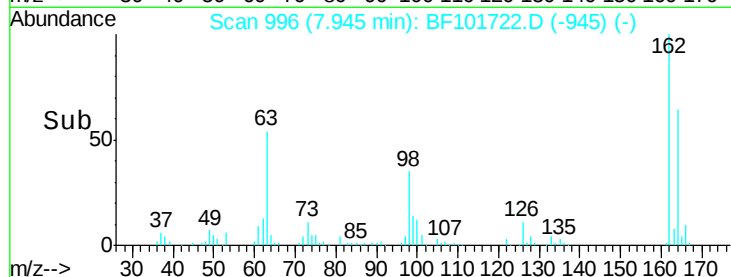
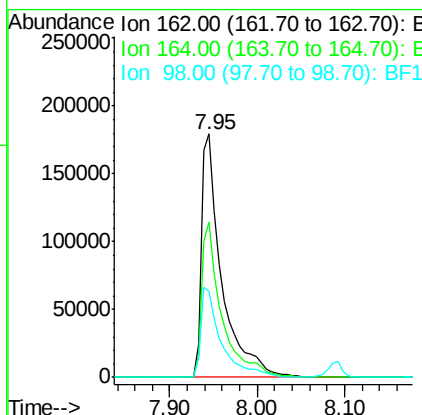
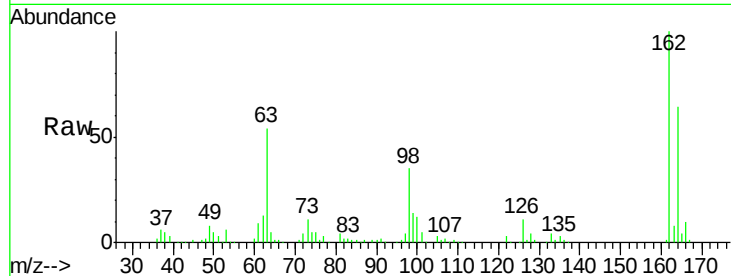
#29
2,4-Dichlorophenol
Concen: 34.903 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	42.7	82.7
98	35.5	18.1	58.1

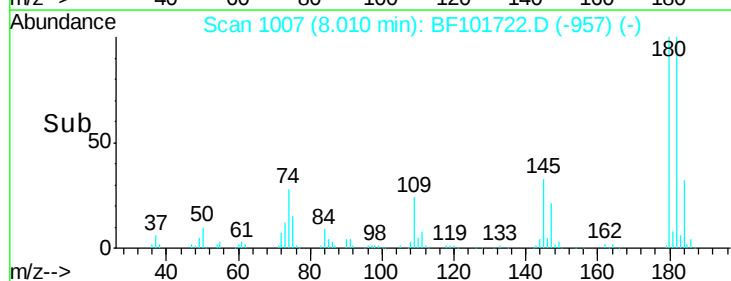
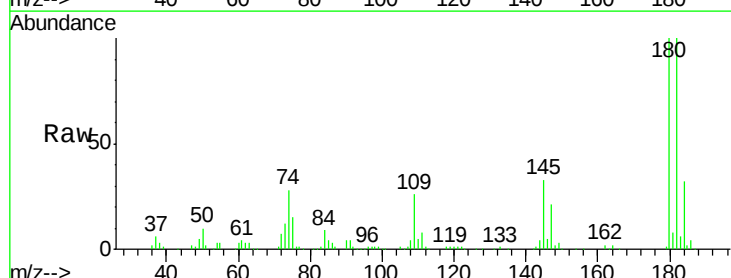
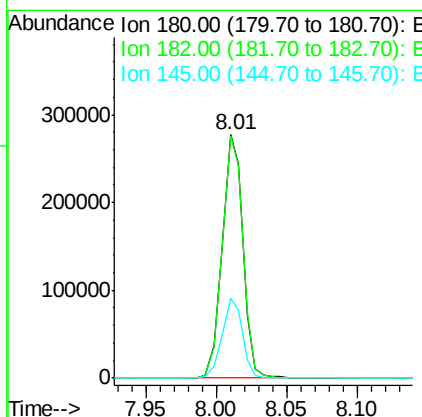
Manual Integrations
APPROVED

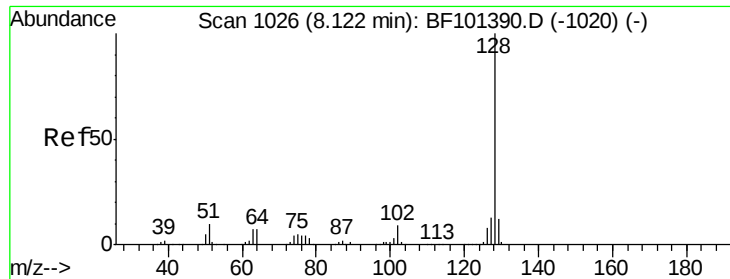
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 32.360 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.7	76.8	115.2
145	32.9	26.5	39.7





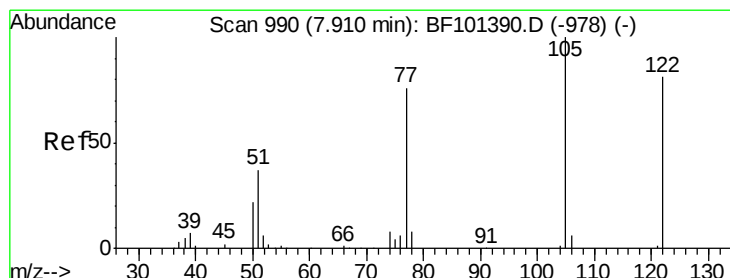
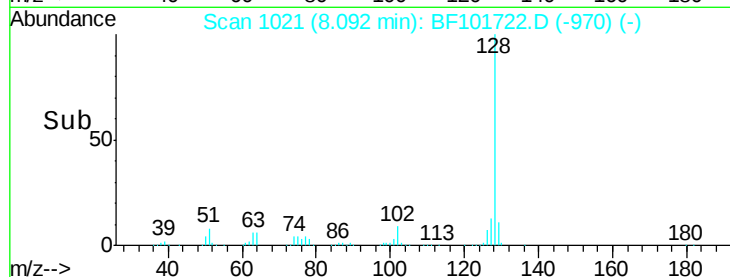
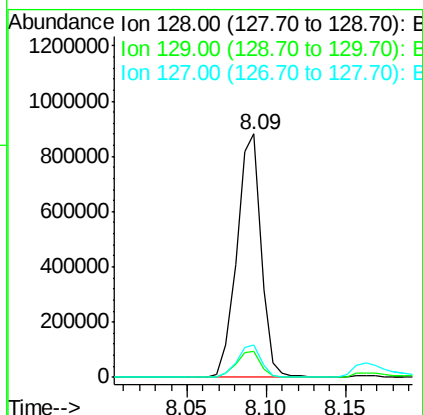
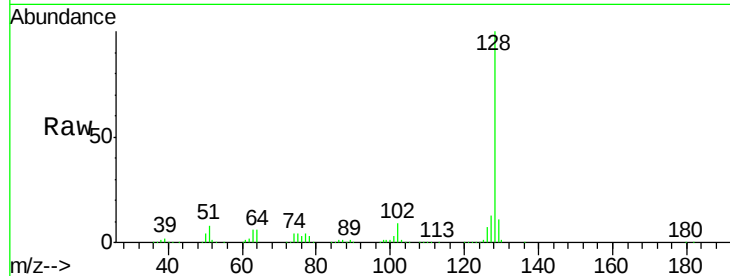
#31
Naphthalene
Concen: 32.208 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	932169		
129	10.8	8.8	13.2	
127	13.4	10.9	16.3	

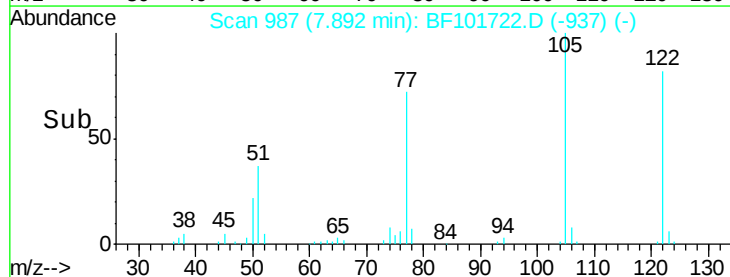
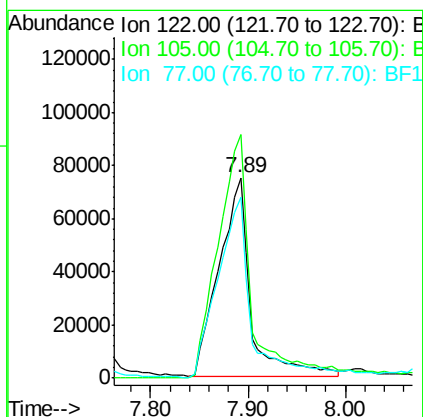
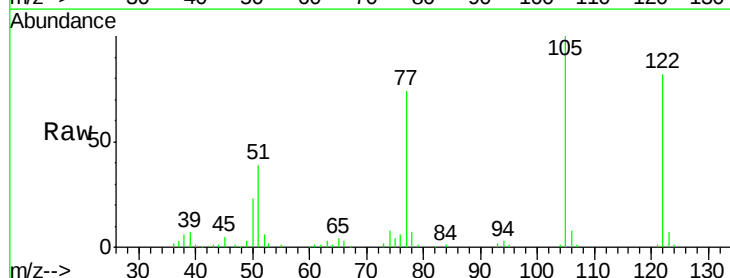
Manual Integrations
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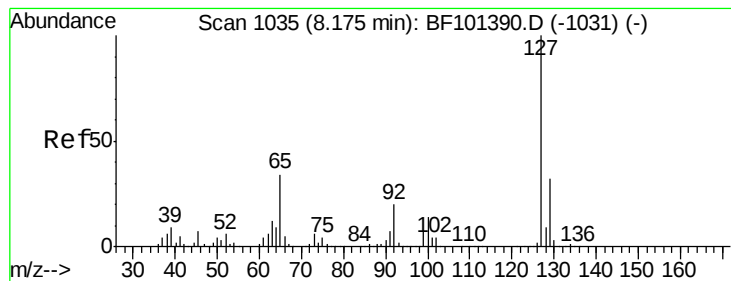
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#32
Benzoic acid
Concen: 33.334 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	170986		
105	121.5	101.1	141.1	
77	90.3	70.7	110.7	





#33

4-Chloroaniline

Concen: 7.228 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

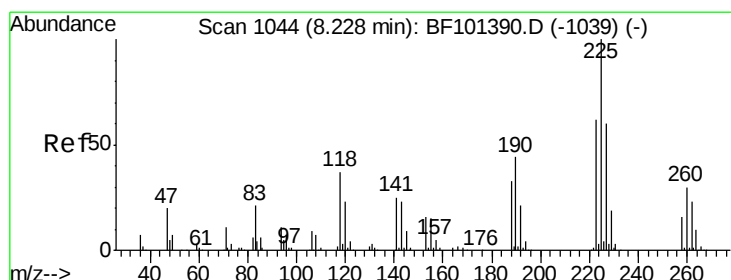
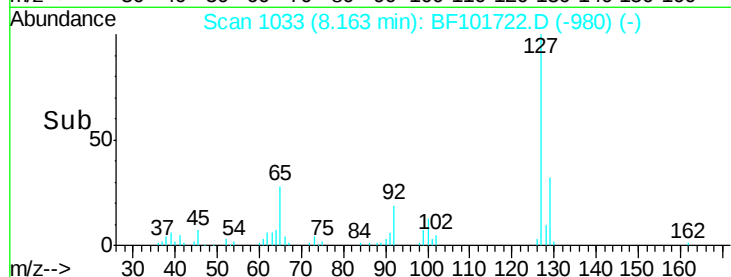
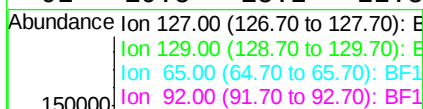
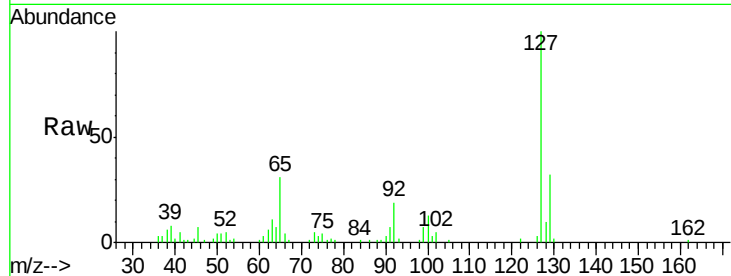
ClientSampleId :

PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	90923		
129	32.0	25.9	38.9	
65	30.8	25.0	37.4	
92	19.5	15.2	22.8	

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 32.650 ng

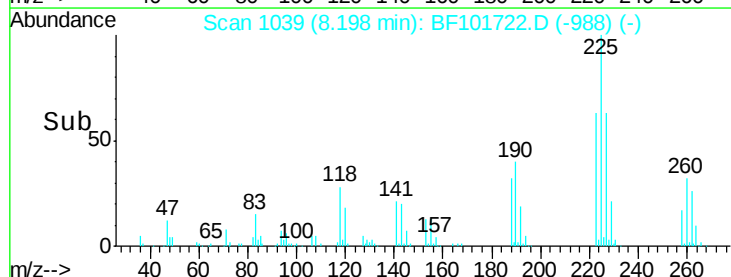
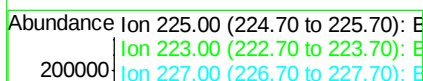
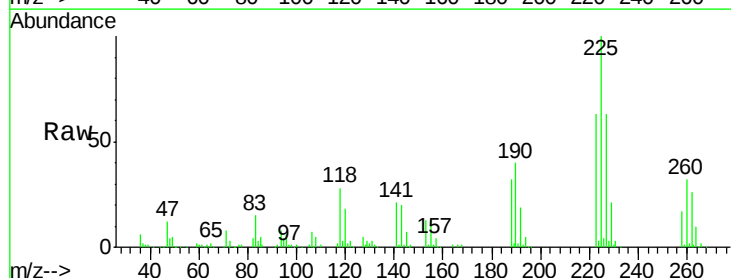
RT: 8.20 min Scan# 1039

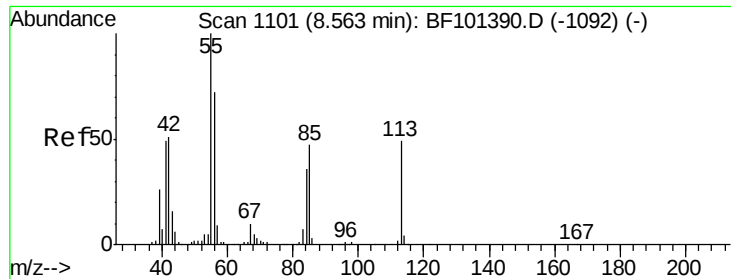
Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164246		
223	62.7	50.6	76.0	
227	62.6	51.9	77.9	





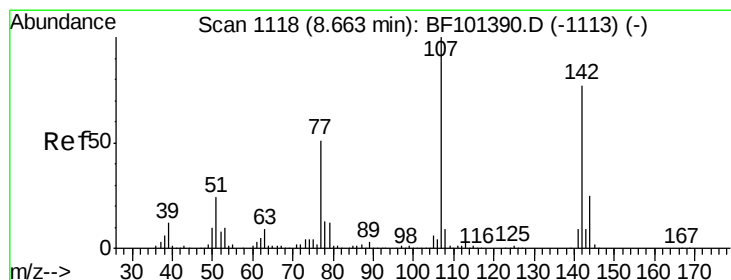
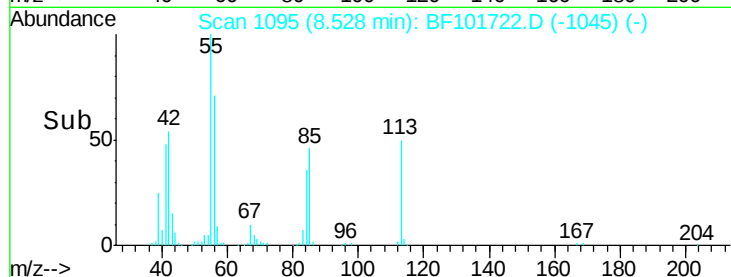
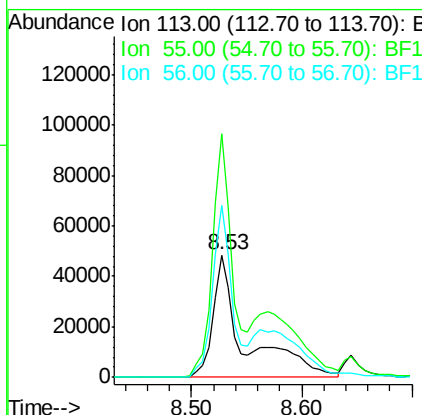
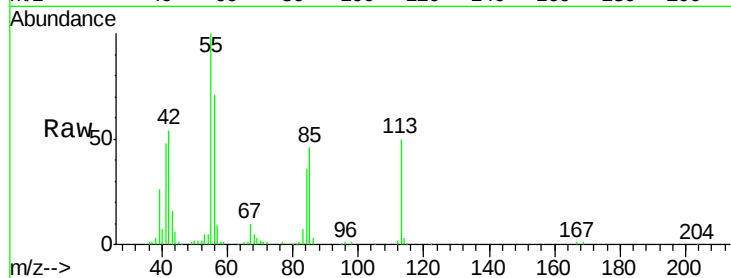
#35
Caprolactam
Concen: 33.728 ng m
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	199.4	163.3	203.3
56	140.9	115.7	155.7

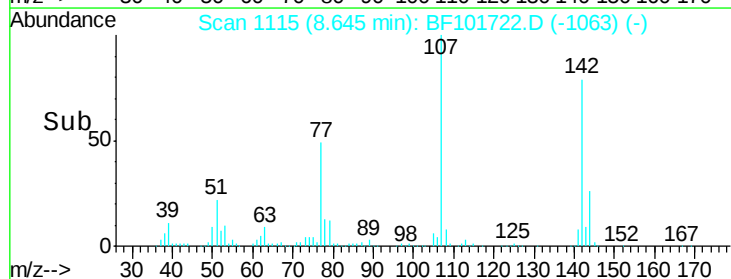
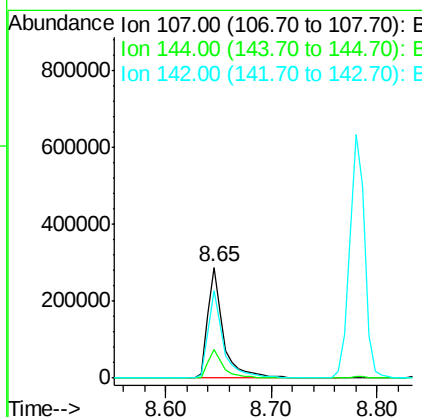
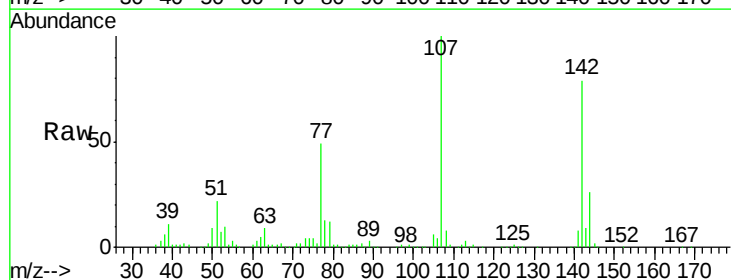
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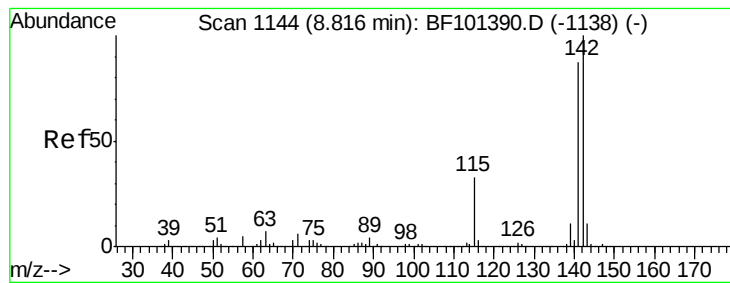
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#36
4-Chloro-3-methylphenol
Concen: 32.529 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	78.7	62.0	93.0





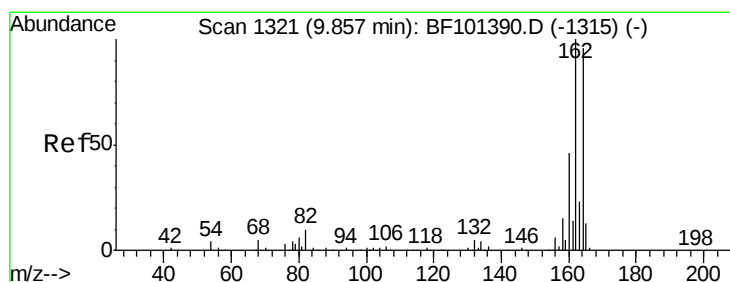
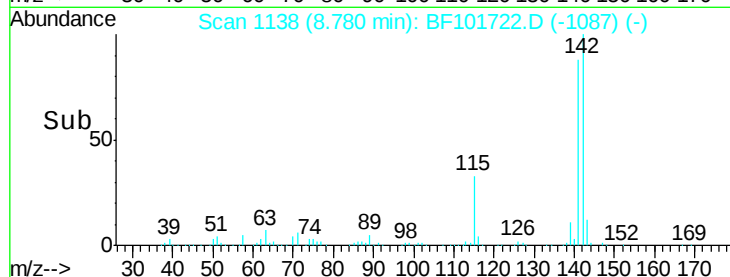
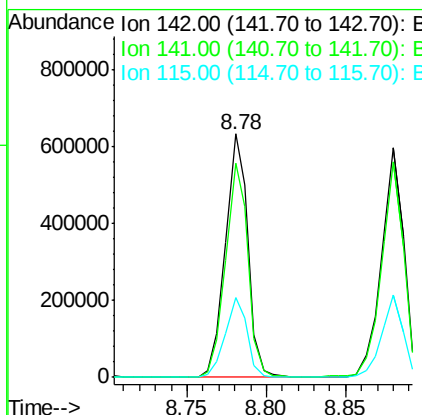
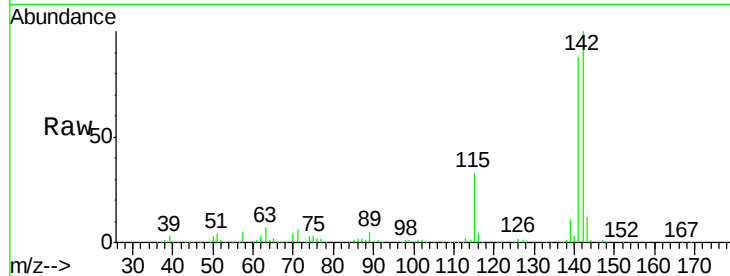
#37
2-Methylnaphthalene
Concen: 32.982 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	32.8	26.1	39.1

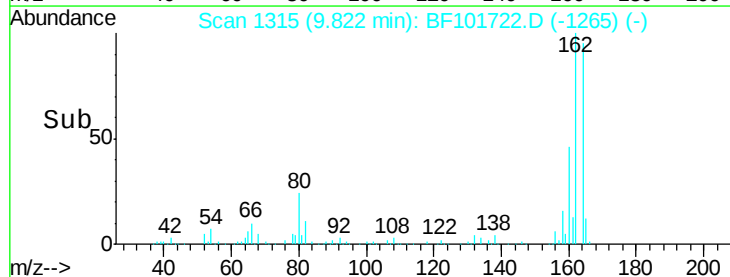
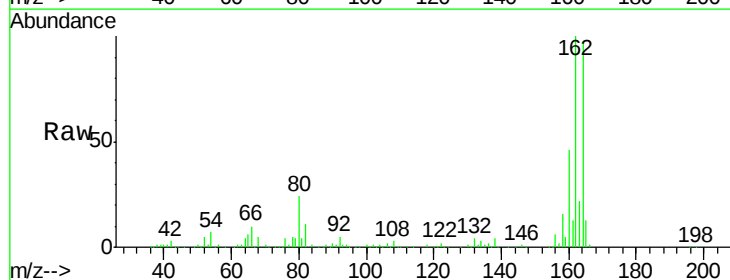
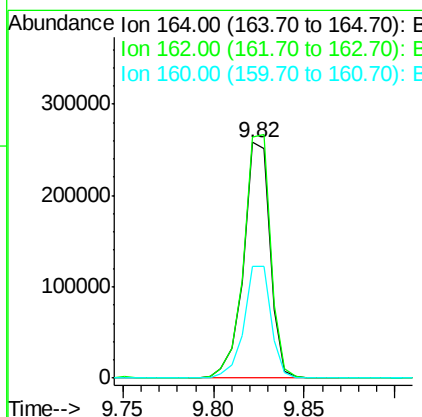
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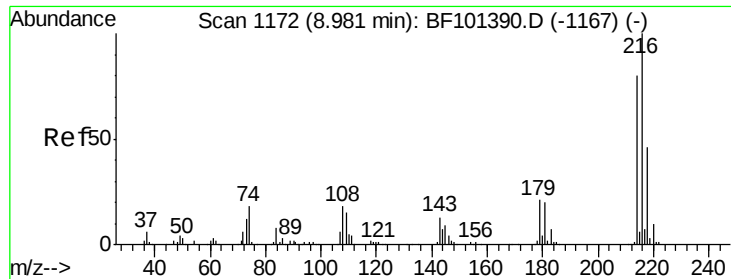
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	47.5	38.3	57.5





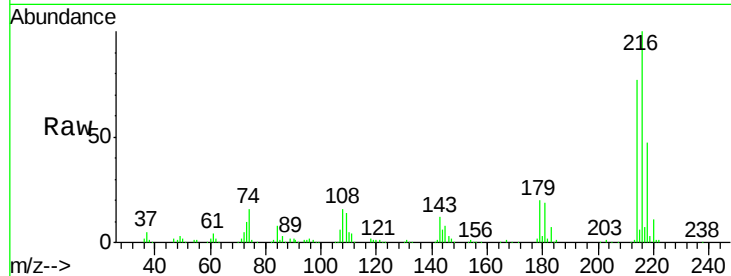
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.900 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleID :
 PB105334BS

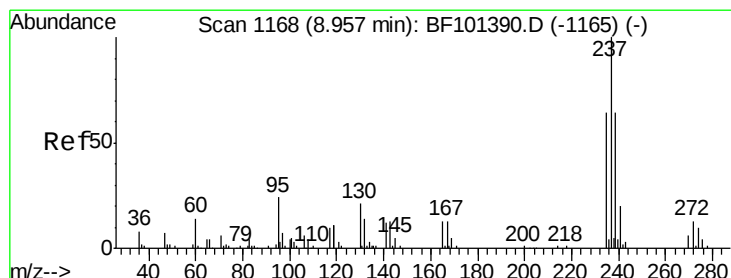
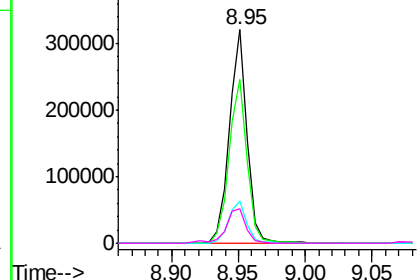
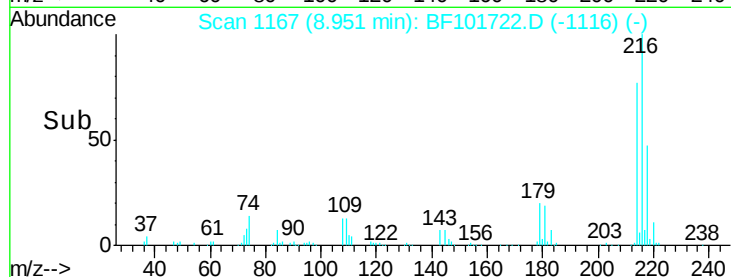
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	300205		
214	78.6	63.0	94.4	
179	20.4	18.1	27.1	
108	18.4	17.2	25.8	

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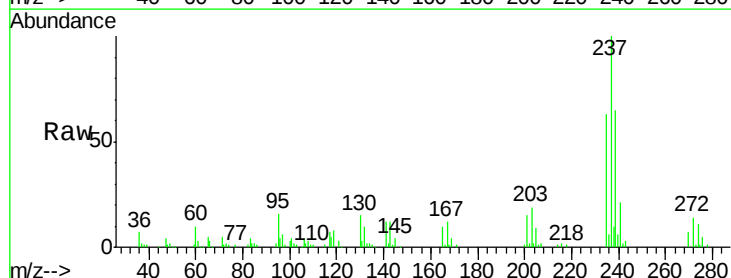


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

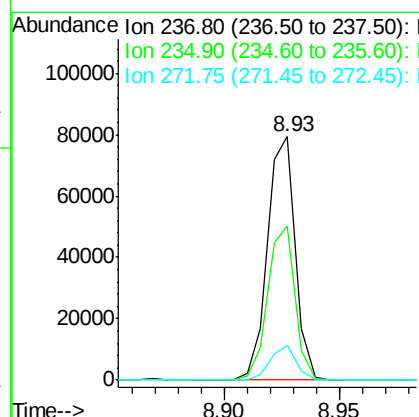
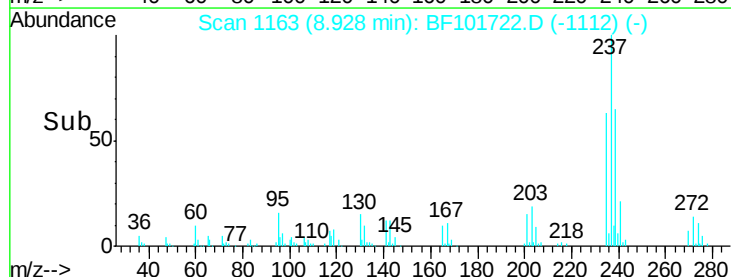


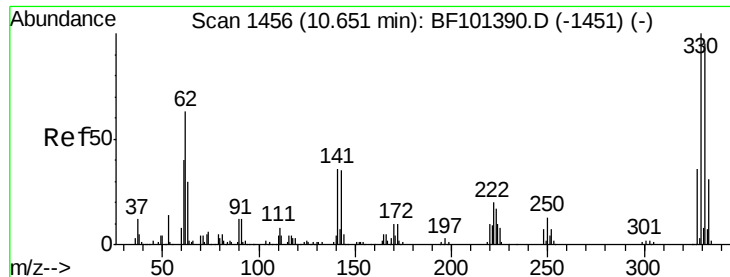
#40
 Hexachlorocyclopentadiene
 Concen: 48.240 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66563		
235	63.2	44.8	84.8	
272	14.2	0.0	33.3	



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





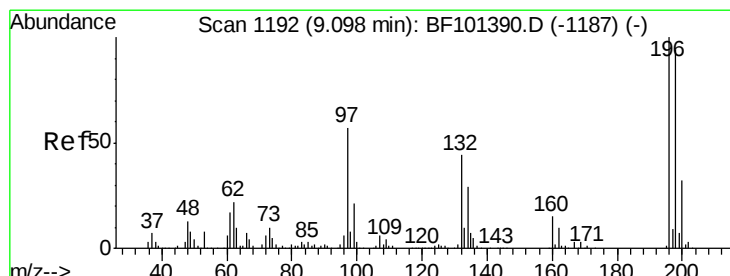
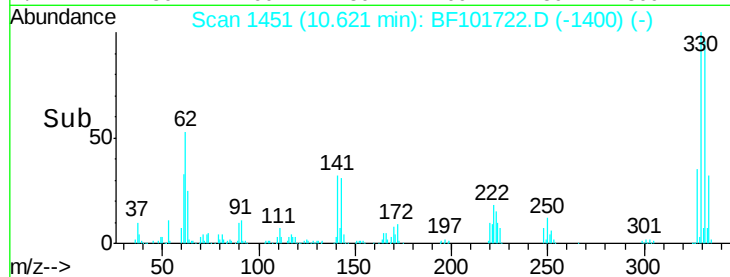
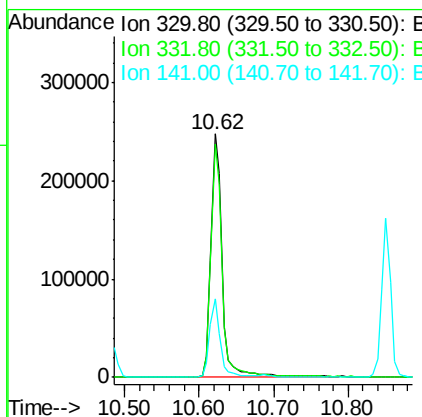
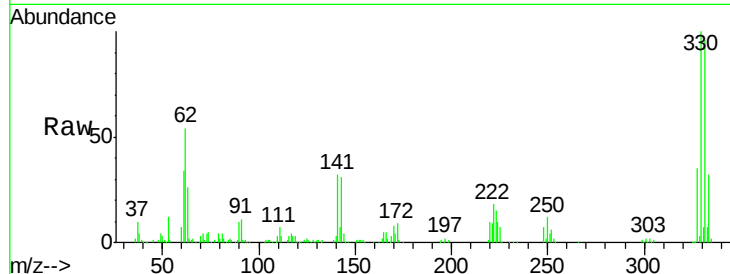
#41
 2,4,6-Tribromophenol
 Concen: 103.021 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260375		
332	96.7	77.0	115.6	
141	30.8	29.9	44.9	

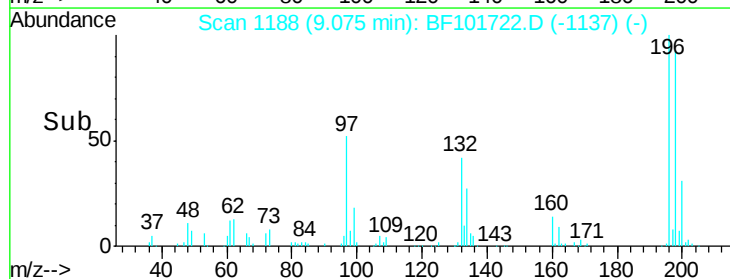
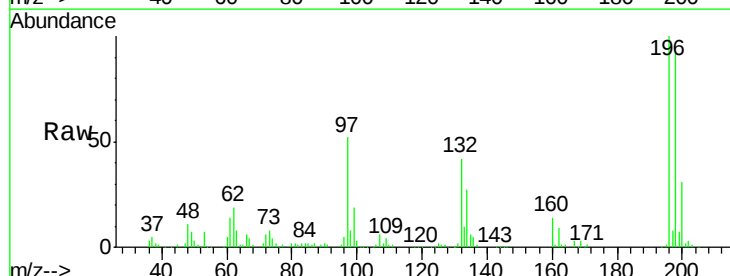
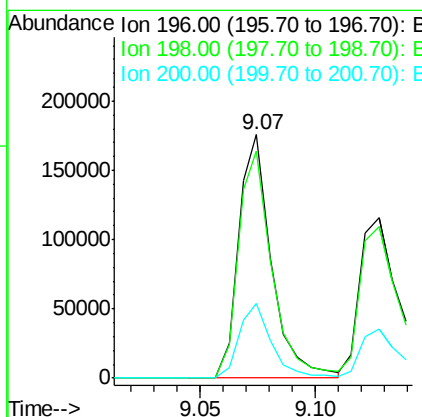
Manual Integrations
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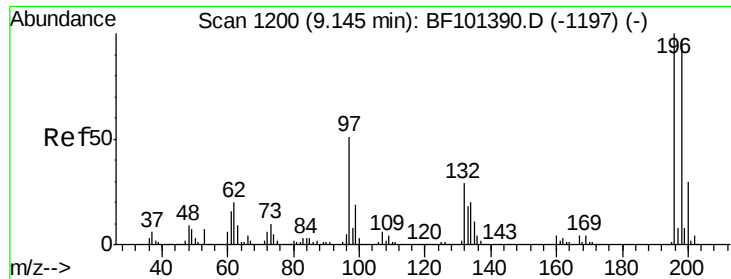
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 32.708 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174380		
198	93.4	75.7	113.5	
200	30.7	24.5	36.7	





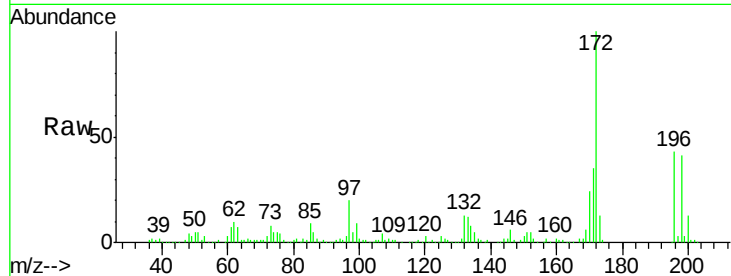
#43
 2,4,5-Trichlorophenol
 Concen: 29.026 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169441		
198	94.5	74.6	112.0	
97	47.3	42.9	64.3	
132	29.0	26.3	39.5	

Manual Integrations
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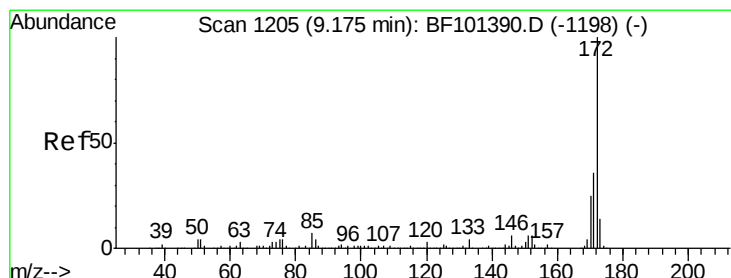
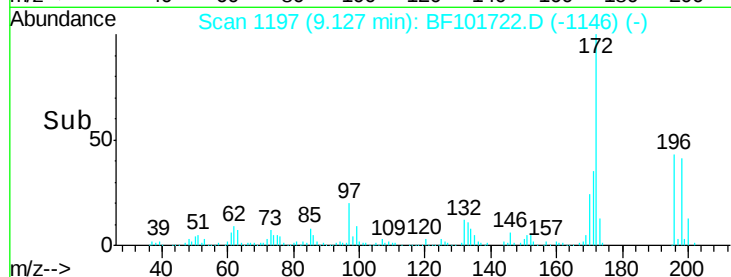
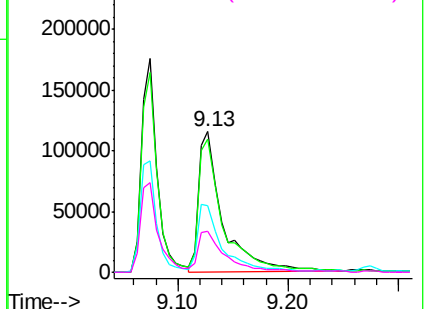
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.207 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

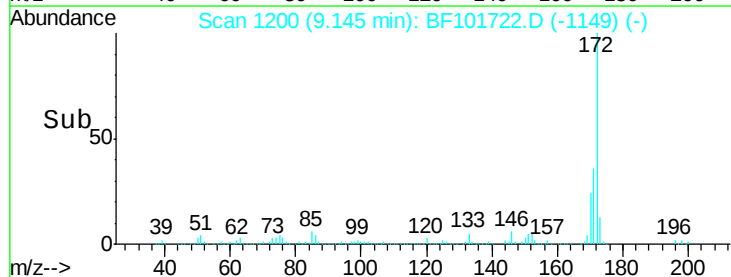
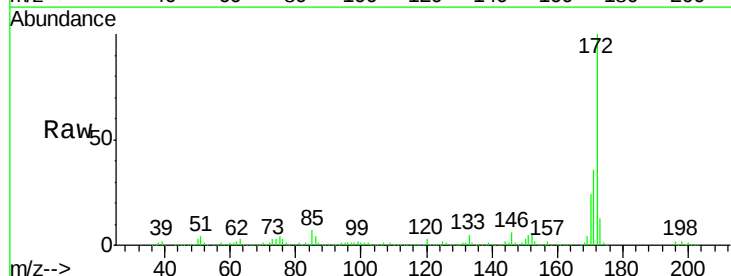
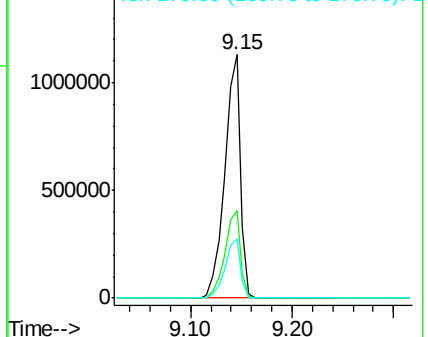
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1204013		
171	35.9	29.7	44.5	
170	24.5	19.6	29.4	

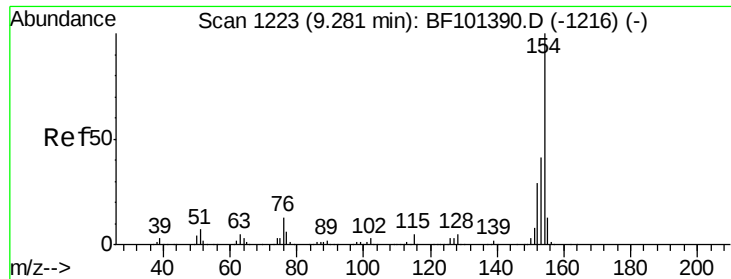
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





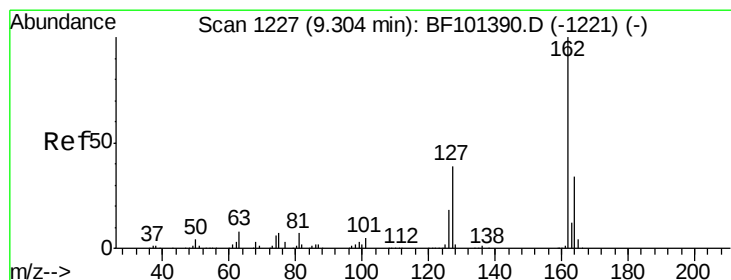
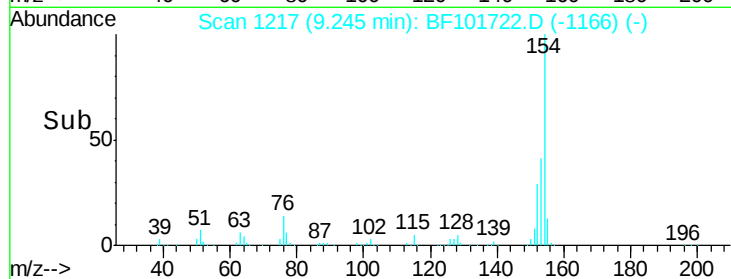
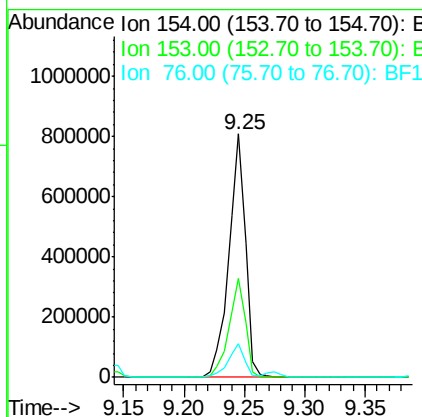
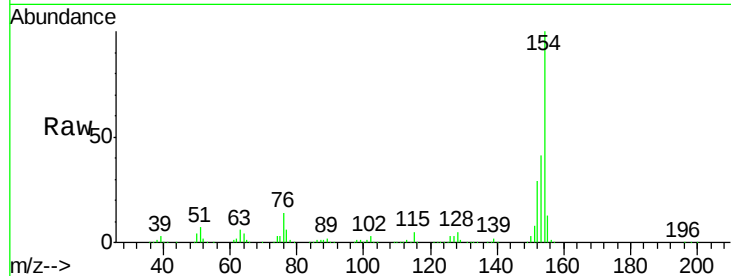
#45
 1,1'-Biphenyl
 Concen: 33.195 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	772173		
153	40.7	21.3	61.3	
76	13.9	0.0	34.0	

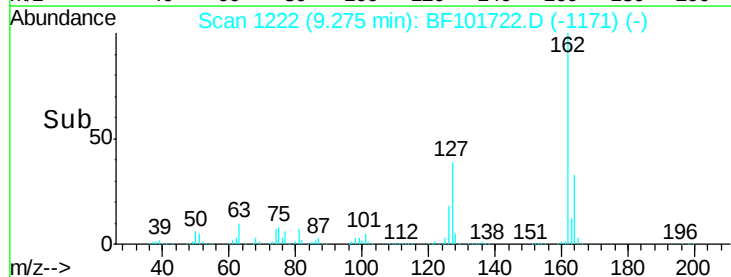
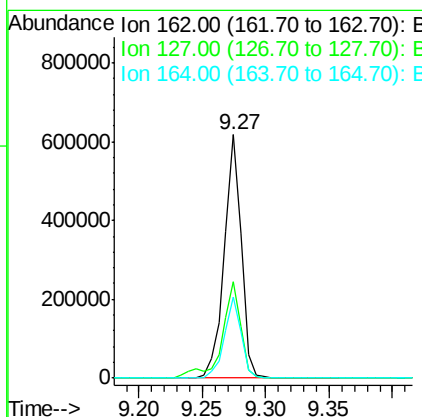
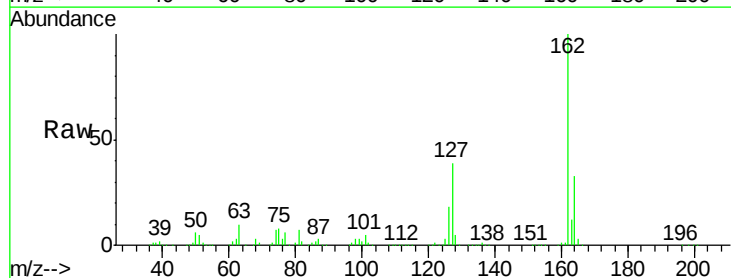
Manual Integrations
 APPROVED

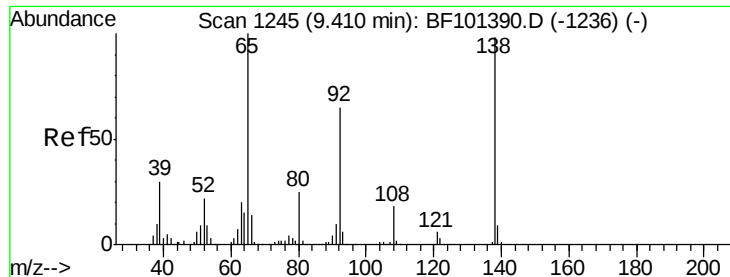
Sohil
 12/27/2017 4:14:48 PM



#46
 2-Chloronaphthalene
 Concen: 32.450 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	577574		
127	39.4	33.9	50.9	
164	33.2	26.5	39.7	





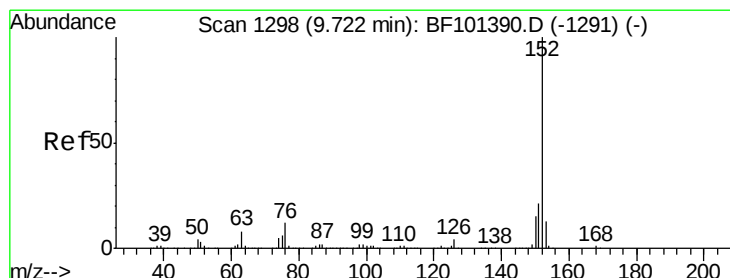
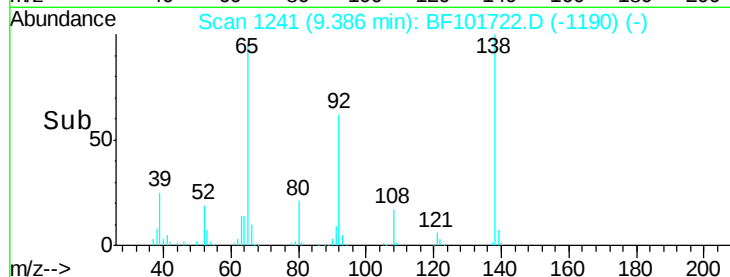
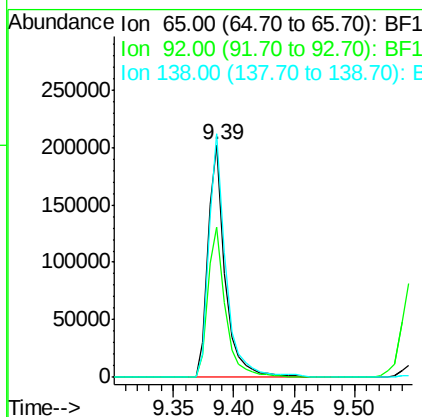
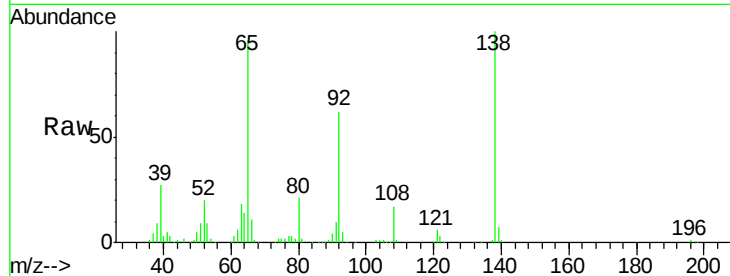
#47
2-Nitroaniline
Concen: 32.196 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	55.8	83.6
138	104.7	91.2	136.8

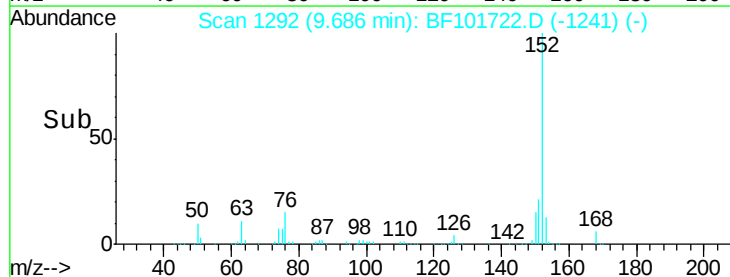
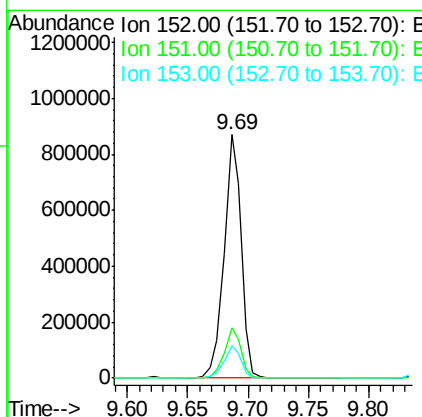
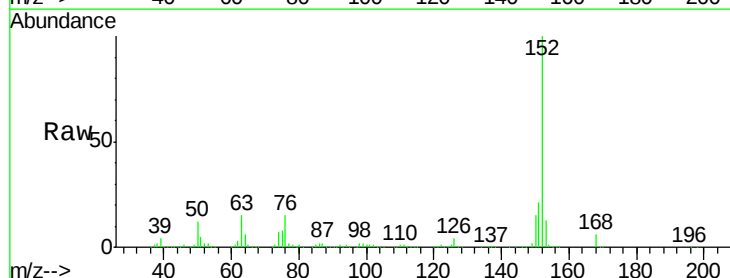
Manual Integrations
APPROVED

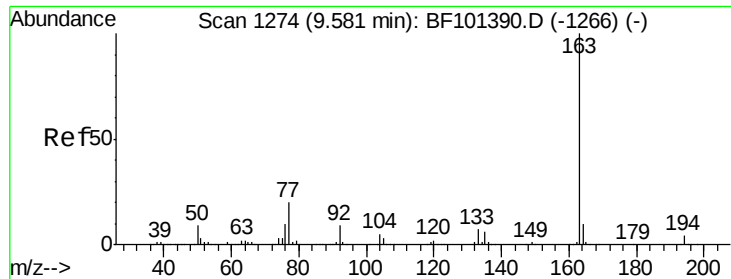
Sohil
12/27/2017 4:14:48 PM



#48
Acenaphthylene
Concen: 30.228 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





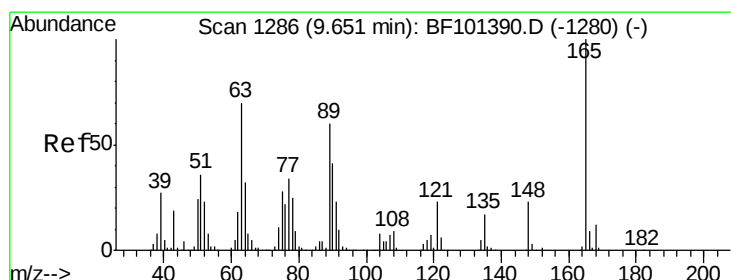
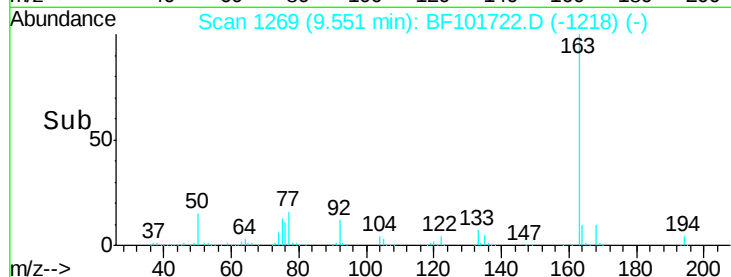
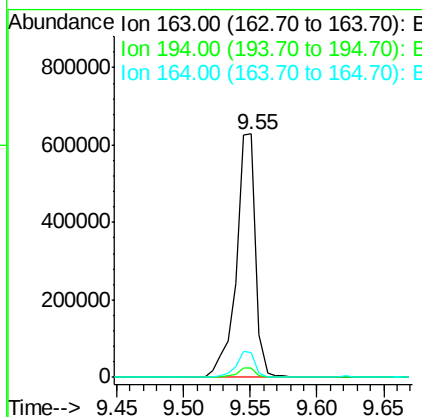
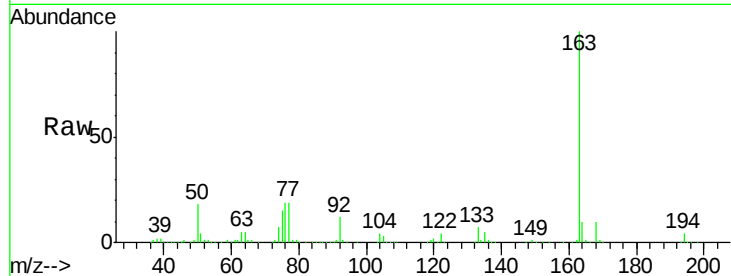
#49
Dimethylphthalate
Concen: 30.158 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	636271		
194	4.0	2.7	4.1	
164	10.1	8.2	12.2	

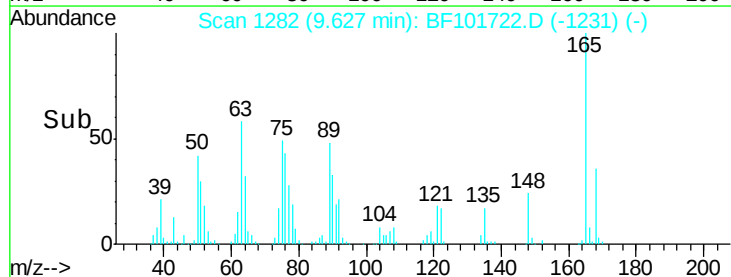
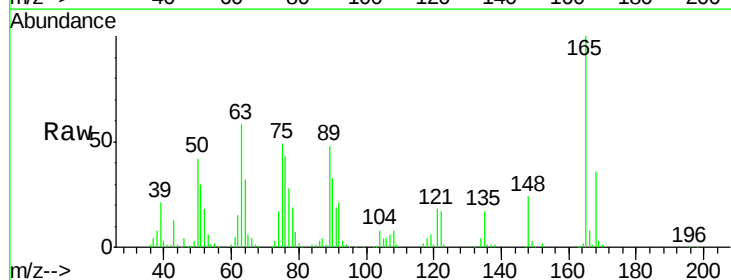
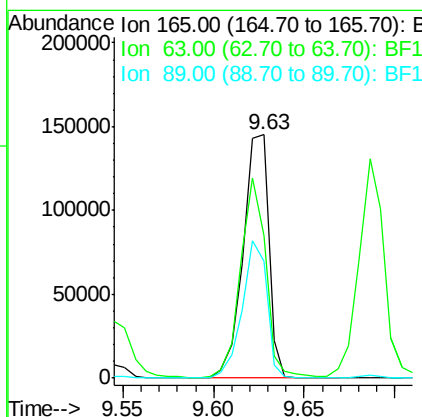
Manual Integrations
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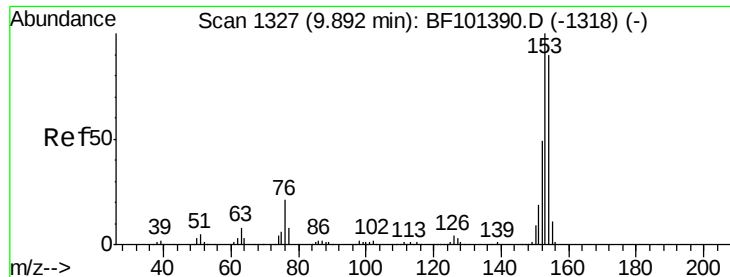
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#50
2,6-Dinitrotoluene
Concen: 33.588 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144026		
63	58.3	44.7	67.1	
89	48.1	44.0	66.0	





#51

Acenaphthene

Concen: 30.945 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

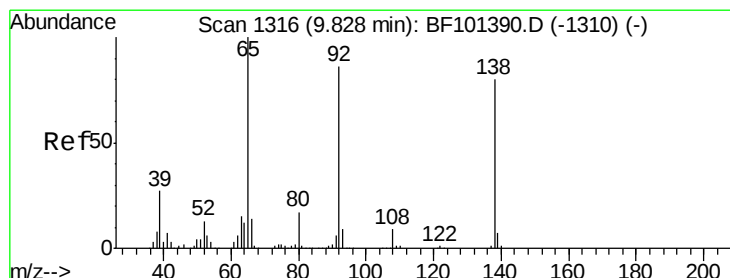
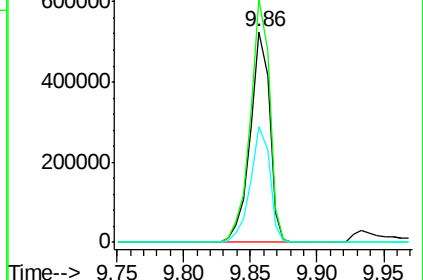
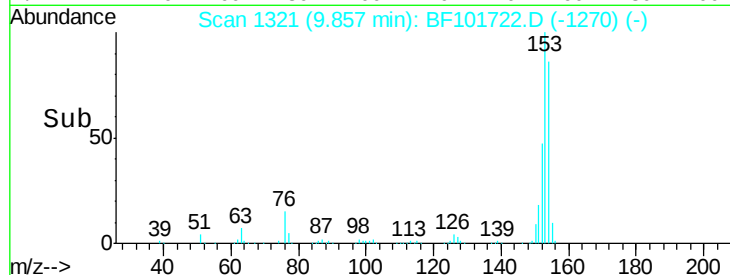
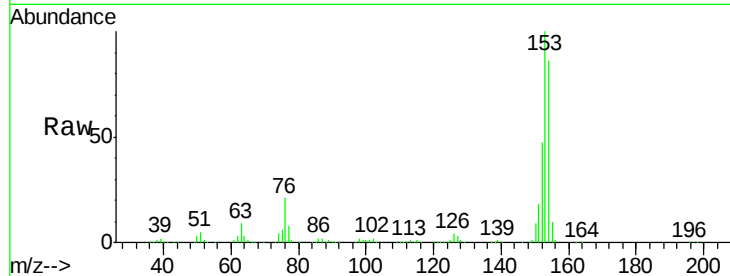
ClientSampleId :

PB105334BS

Tgt Ion:	154	Resp:	522654
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.2	136.8
152	54.9	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 13.328 ng

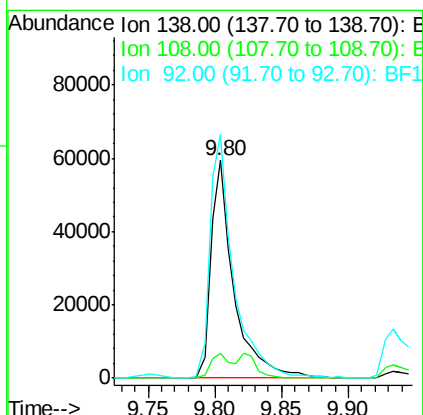
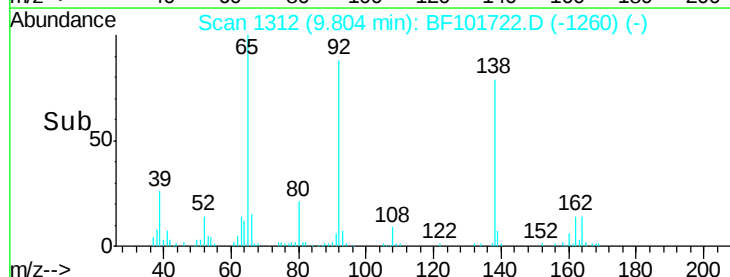
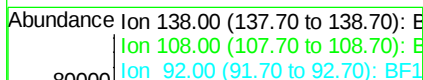
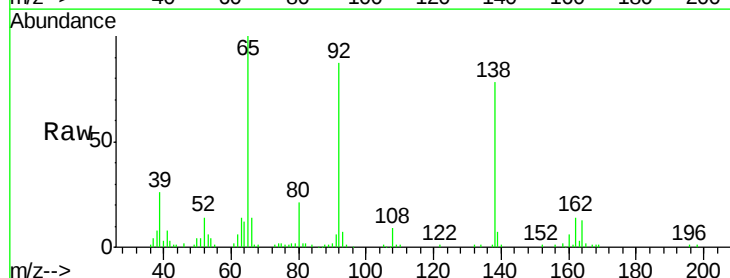
RT: 9.80 min Scan# 1312

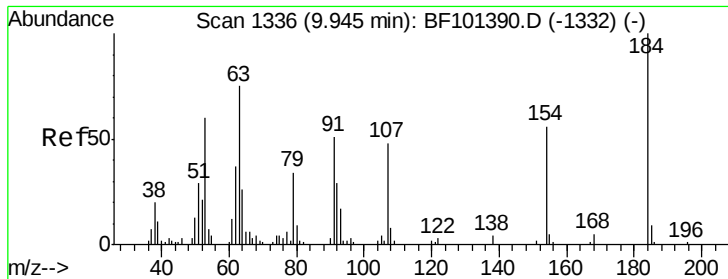
Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	138	Resp:	71251
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.0
92	112.0	89.4	134.2





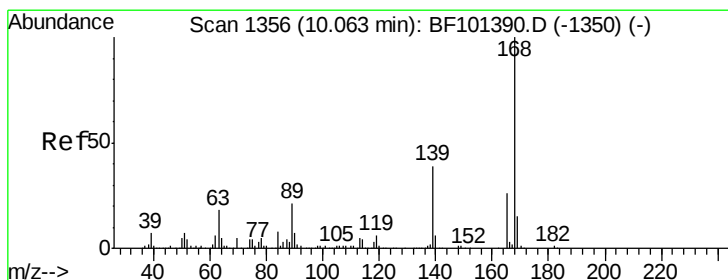
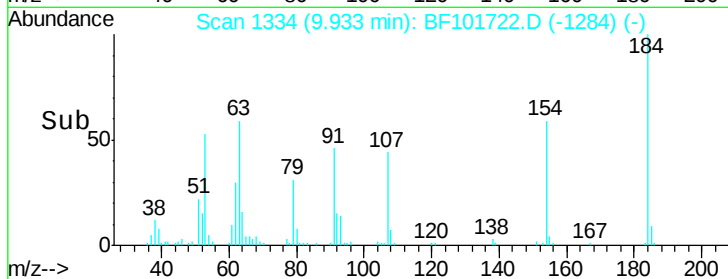
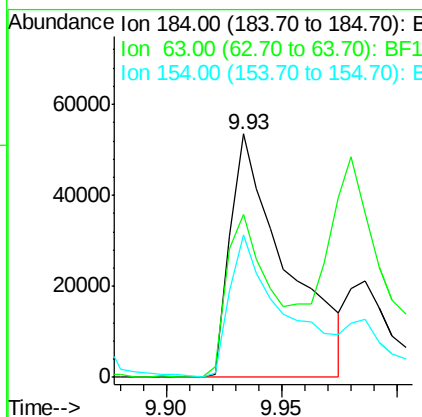
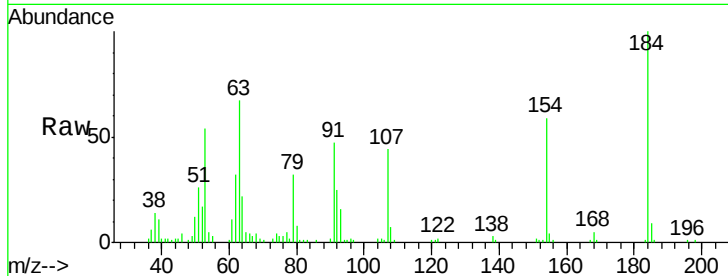
#53
 2,4-Dinitrophenol
 Concen: 62.898 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	90154		
63	66.7	54.2	81.2	
154	58.5	184.0	276.0	

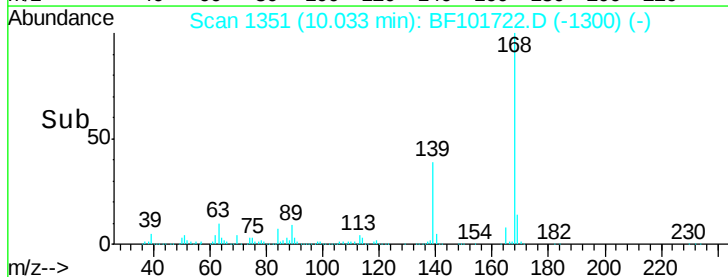
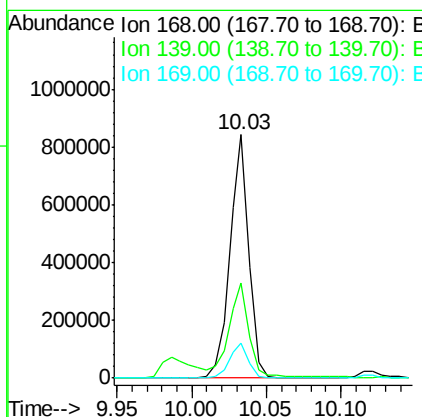
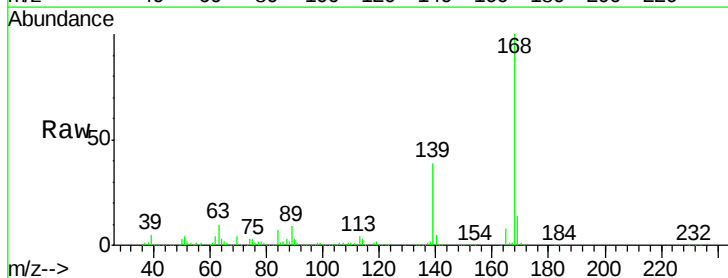
Manual Integrations
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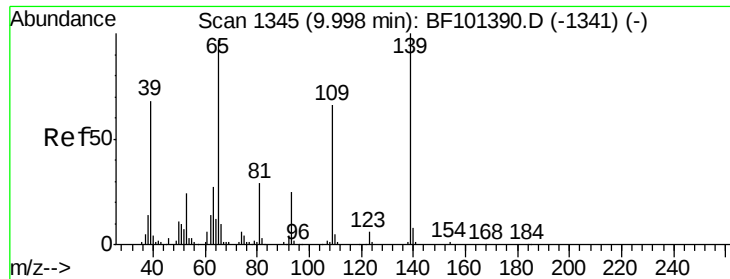
Sohil
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#54
 Dibenzofuran
 Concen: 34.981 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	750848		
139	39.3	30.1	45.1	
169	14.1	10.9	16.3	





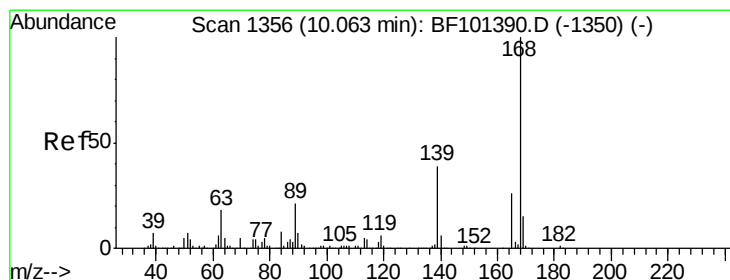
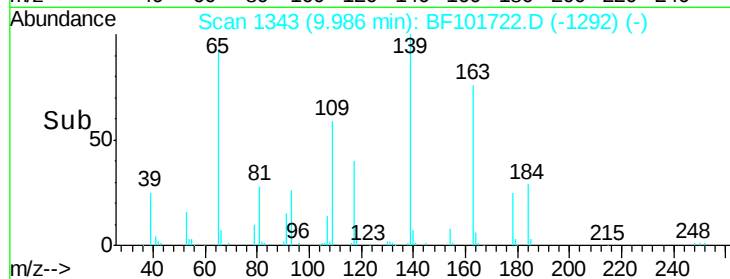
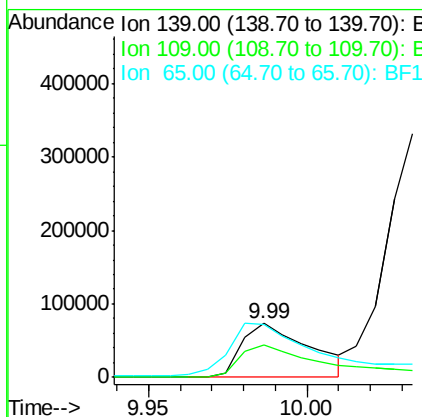
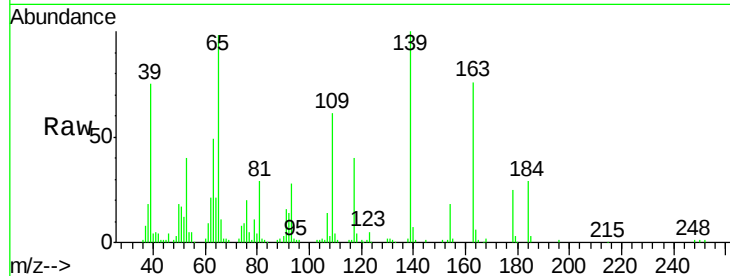
#55
4-Nitrophenol
Concen: 45.834 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	106844		
109	61.2	48.4	88.4	
65	98.2	72.6	112.6	

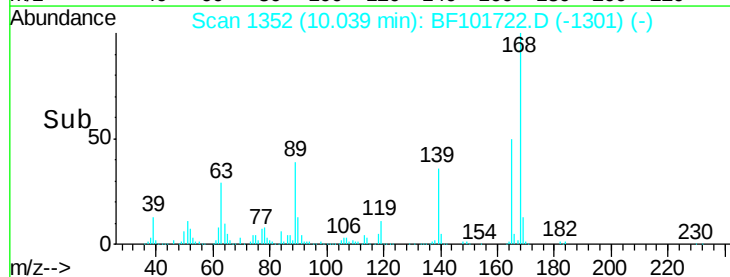
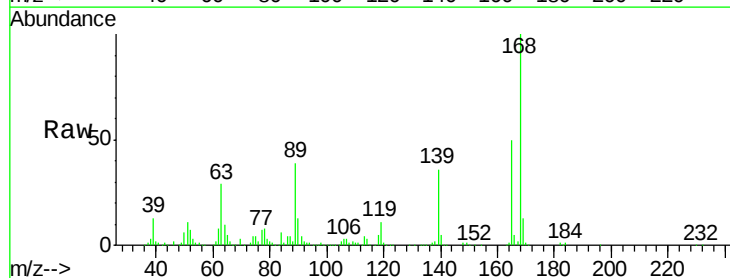
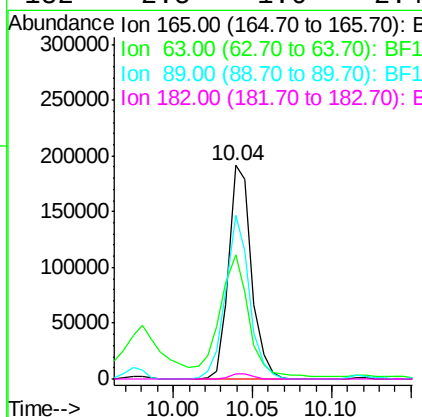
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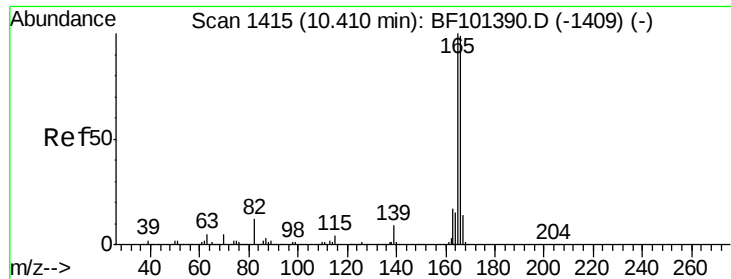
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.768 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192128		
63	58.1	36.4	54.6#	
89	77.0	57.8	86.6	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 33.648 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

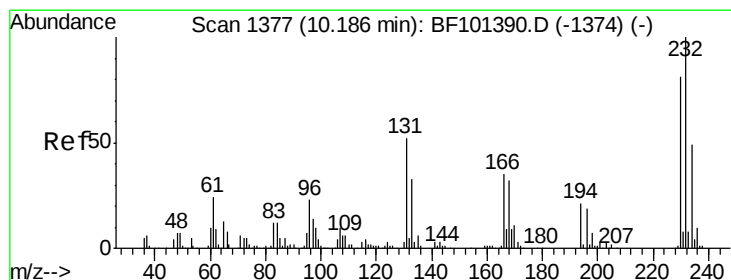
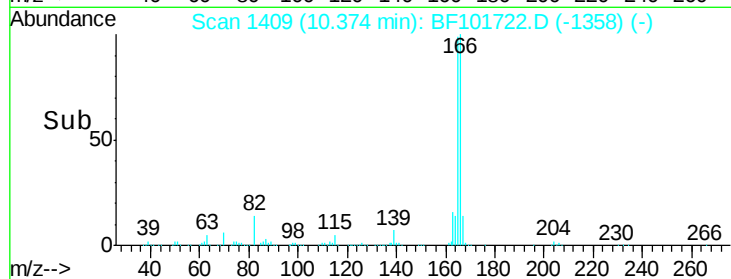
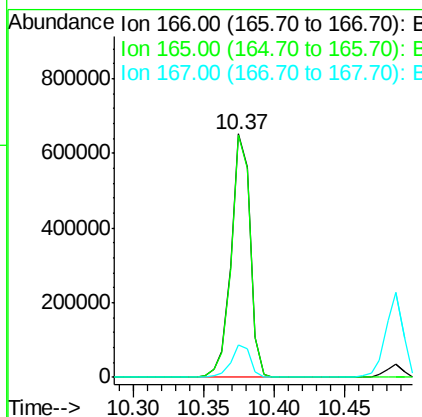
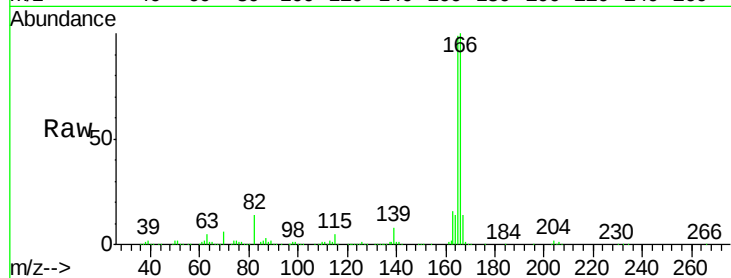
ClientSampleId :

PB105334BS

Tgt Ion:	166	Resp:	610961
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.811 ng

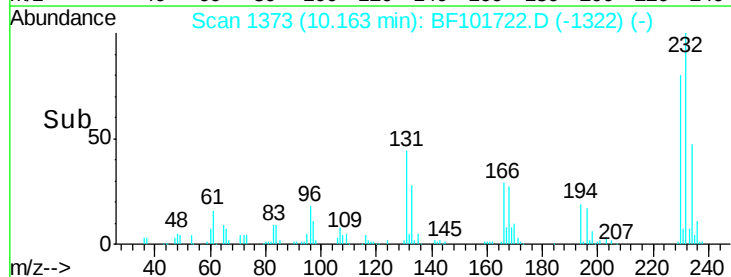
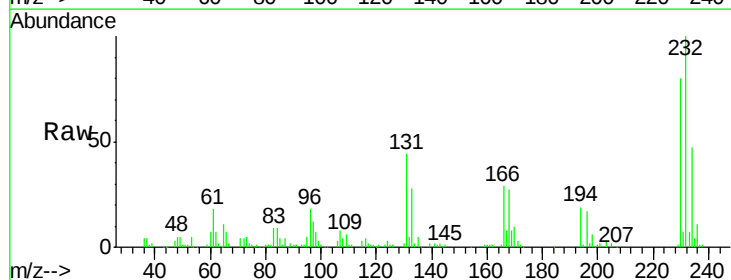
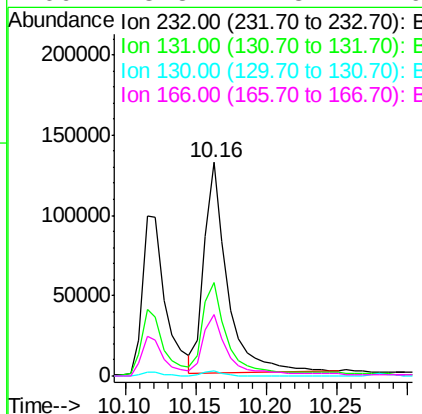
RT: 10.16 min Scan# 1373

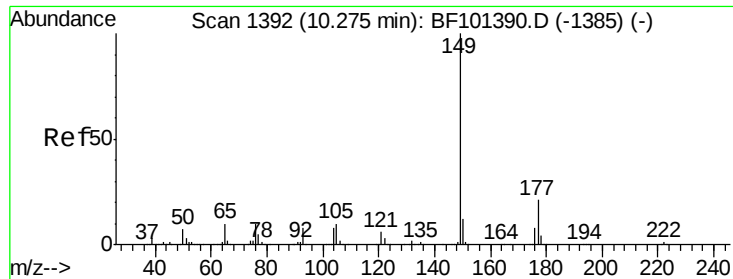
Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	232	Resp:	150194
Ion Ratio	Lower	Upper	
232	100		
131	43.9	43.8	65.8
130	2.1	2.1	3.1
166	28.8	27.8	41.6





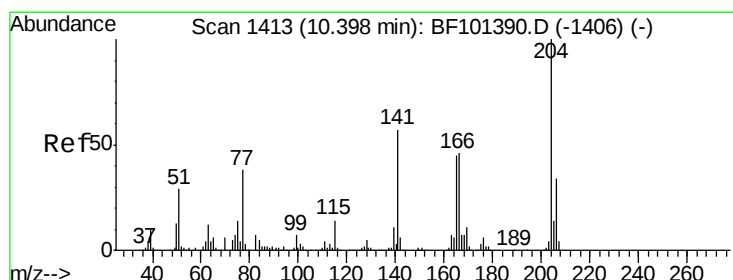
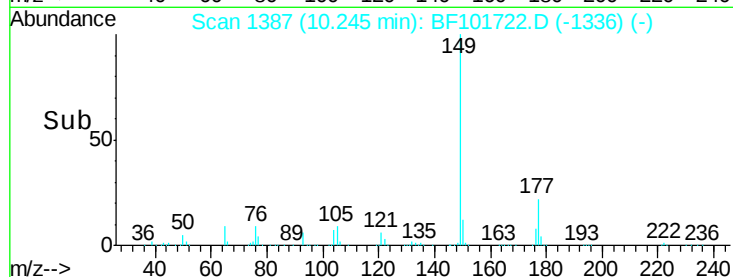
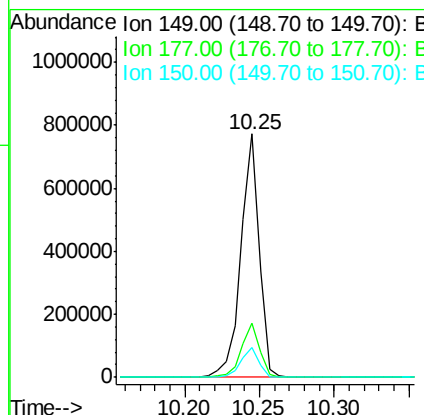
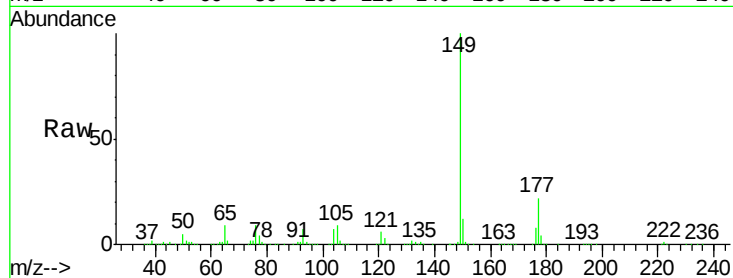
#59
Diethylphthalate
Concen: 31.813 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampled :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.5	10.1	15.1

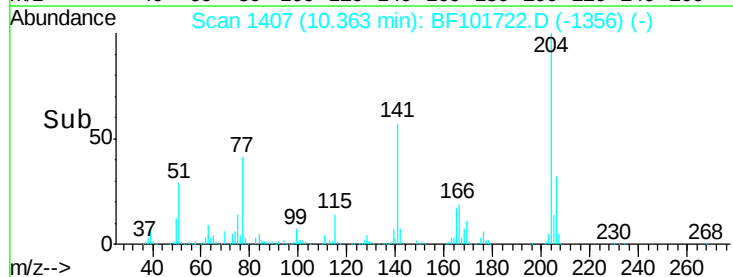
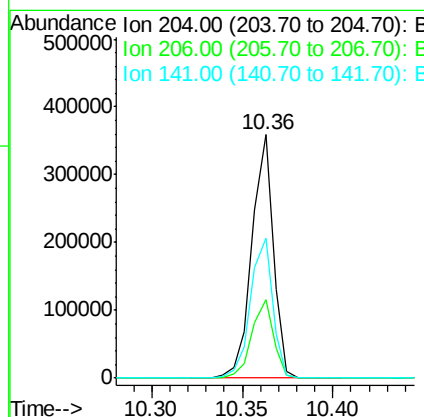
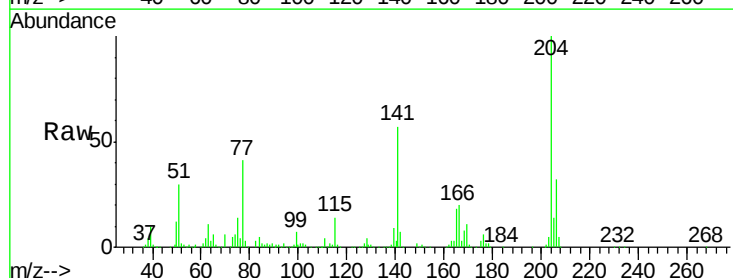
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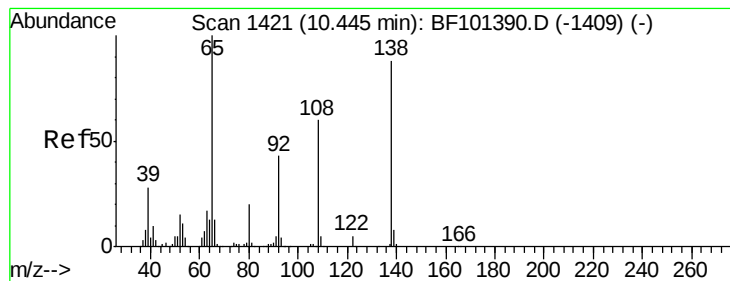
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 34.100 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	57.3	54.6	81.8





#61

4-Nitroaniline

Concen: 28.882 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

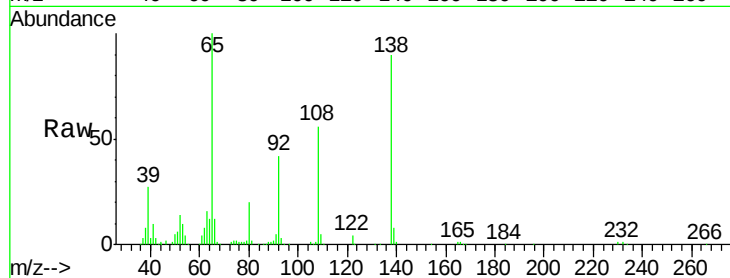
ClientSampleId :

PB105334BS

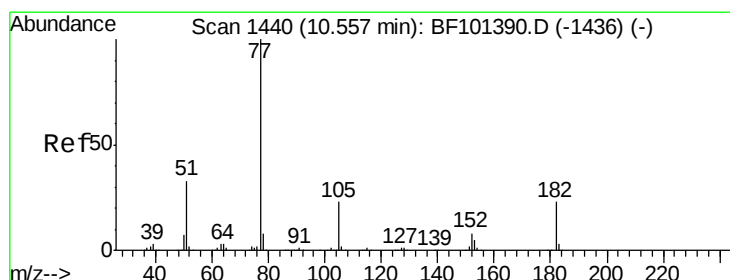
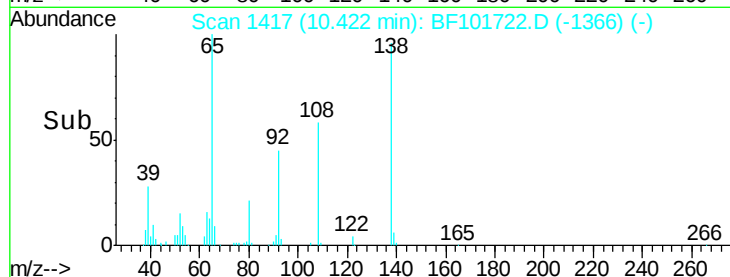
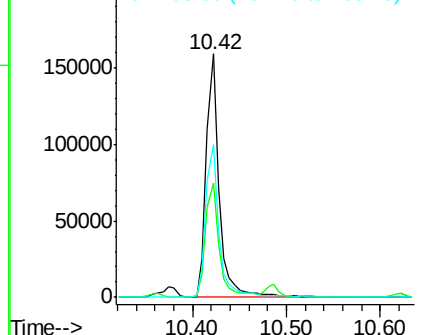
Tgt Ion:	138	Resp:	155201
Ion Ratio	Lower	Upper	
138	100		
92	47.2	30.2	70.2
108	62.8	52.5	92.5

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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: 31.028 ng

RT: 10.52 min Scan# 1434

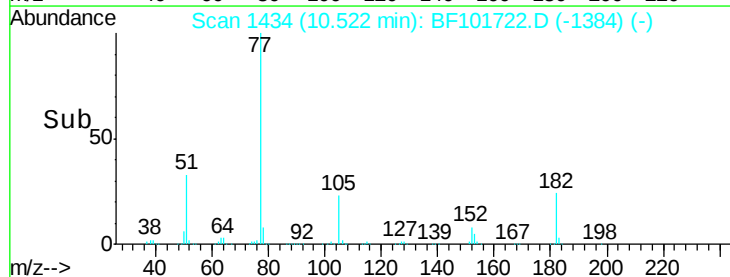
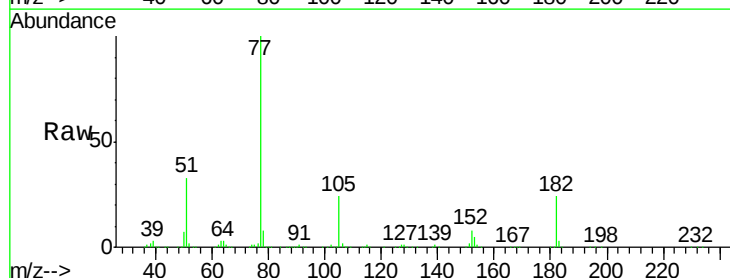
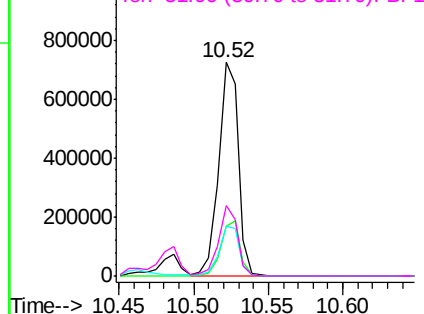
Delta R.T. -0.01 min

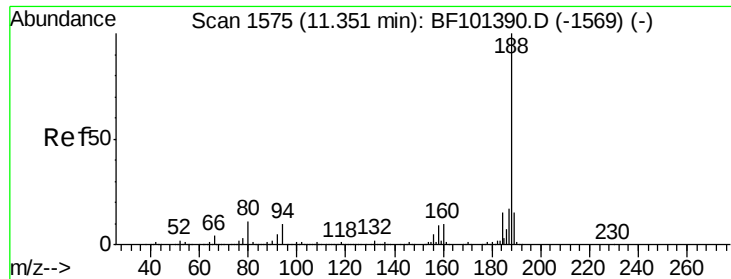
Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	77	Resp:	671558
Ion Ratio	Lower	Upper	
77	100		
182	23.6	1.7	41.7
105	23.6	3.0	43.0
51	32.7	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





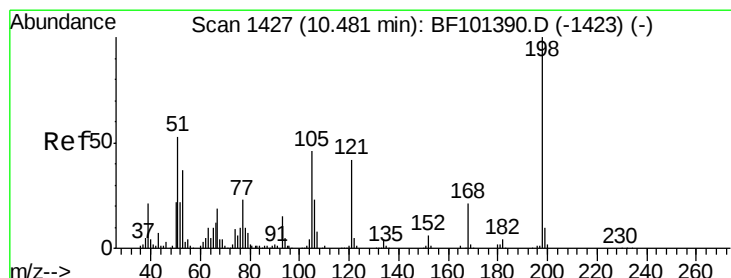
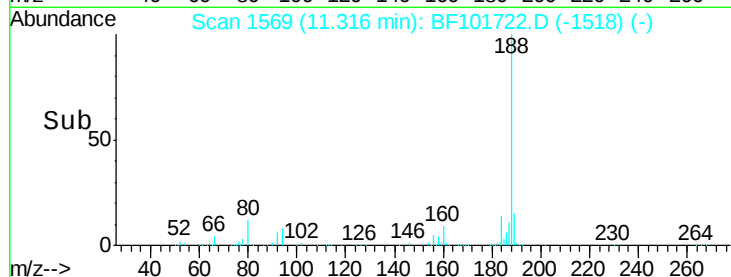
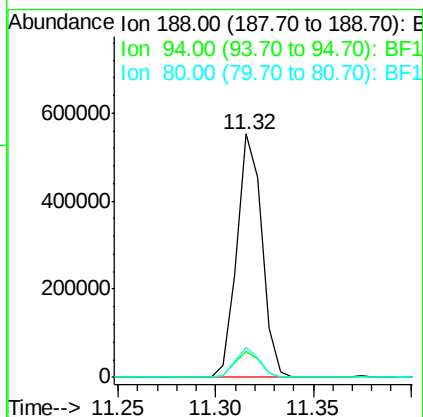
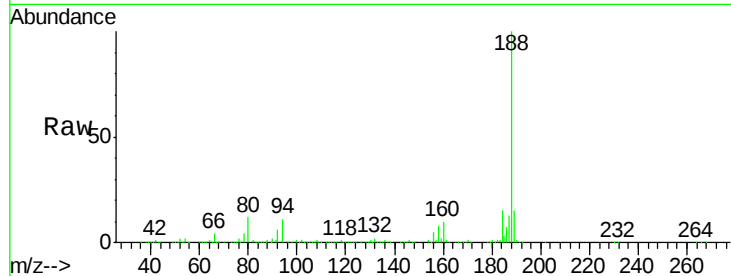
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.9	8.5	12.7
80	12.4	9.2	13.8

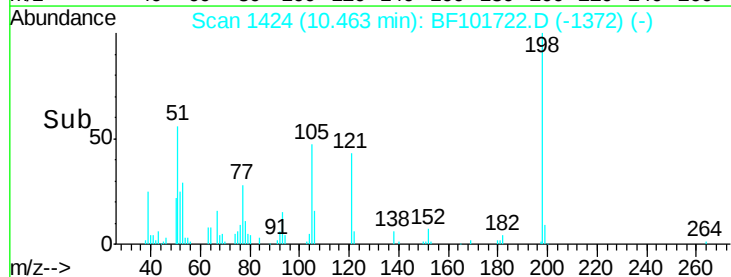
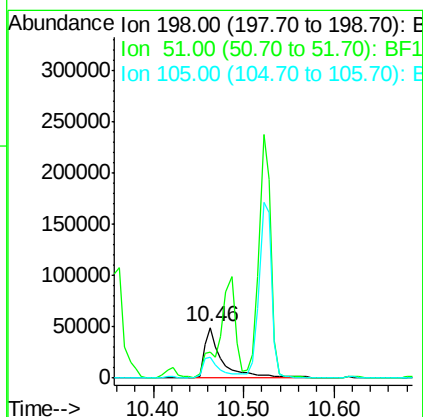
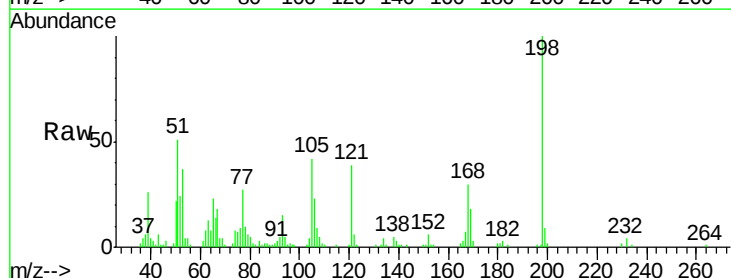
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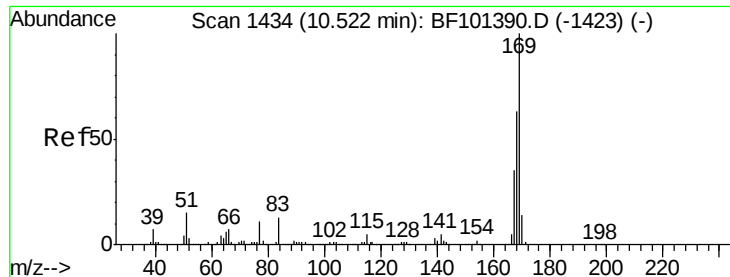
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.908 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.3	37.7	77.7
105	42.4	36.3	76.3





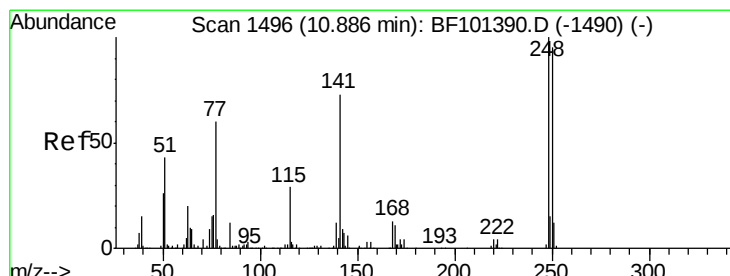
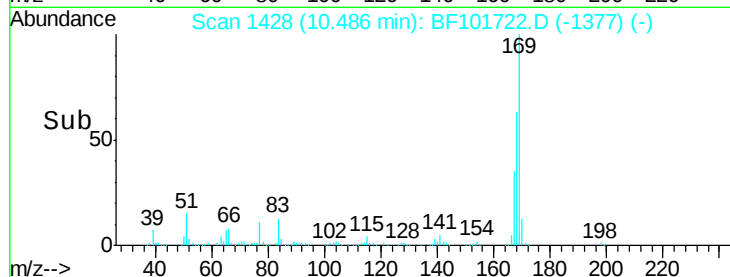
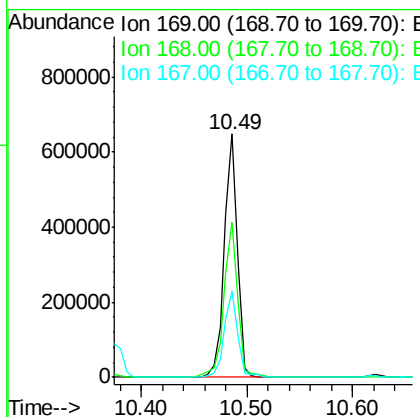
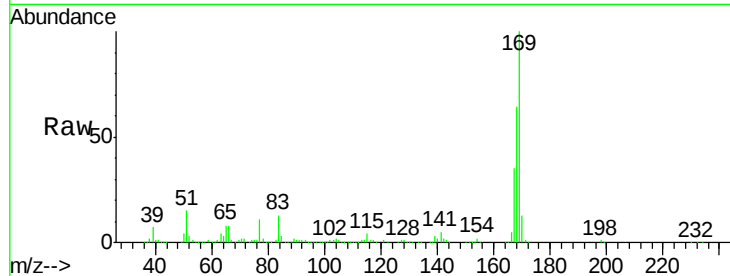
#65
n-Nitrosodiphenylamine
Concen: 30.894 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	561430		
168	63.8	54.4	81.6	
167	35.2	29.8	44.6	

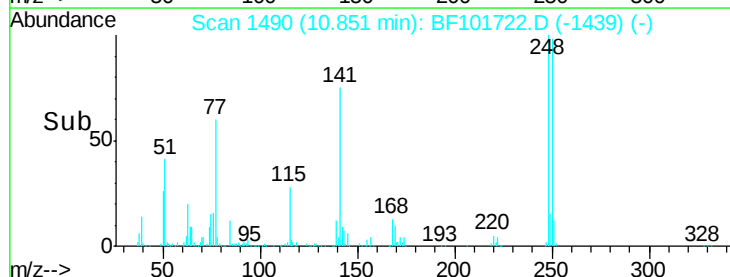
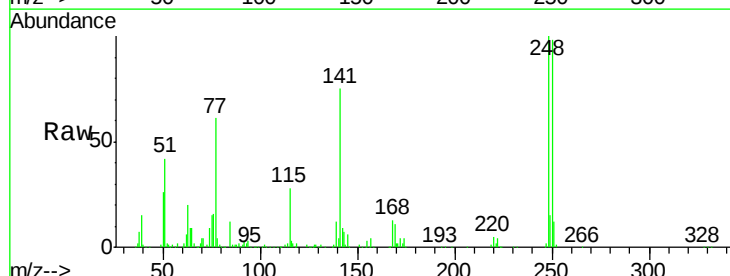
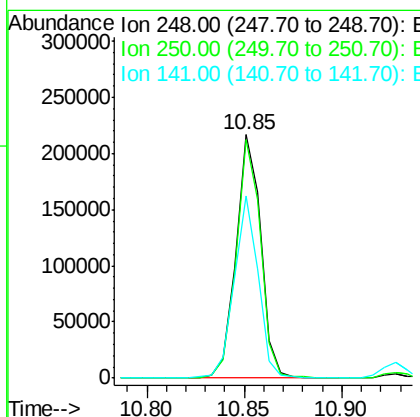
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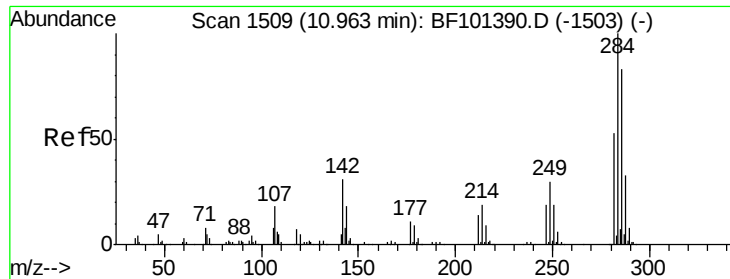
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#66
4-Bromophenyl-phenylether
Concen: 34.498 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190781		
250	98.0	76.9	115.3	
141	74.6	74.4	111.6	





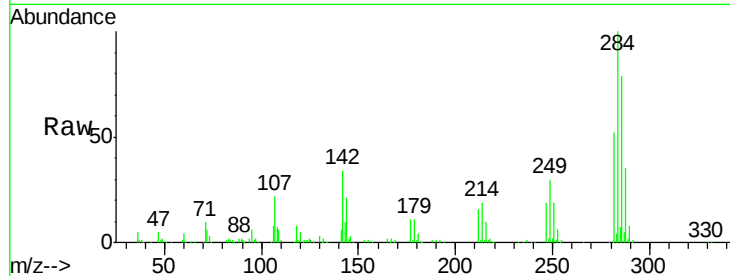
#67
Hexachlorobenzene
Concen: 33.344 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

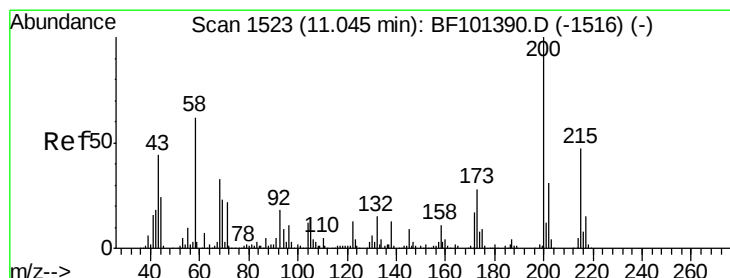
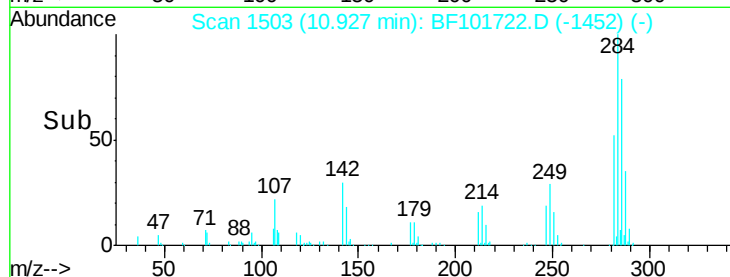
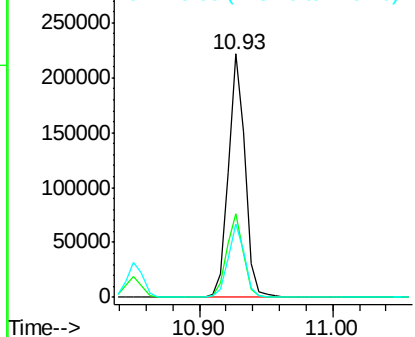
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	195157		
142	34.2	34.6	52.0	
249	30.3	24.8	37.2	

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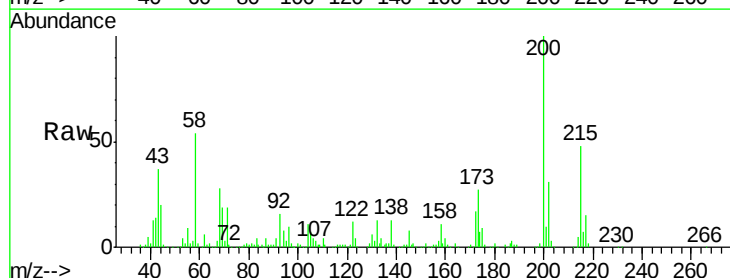


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

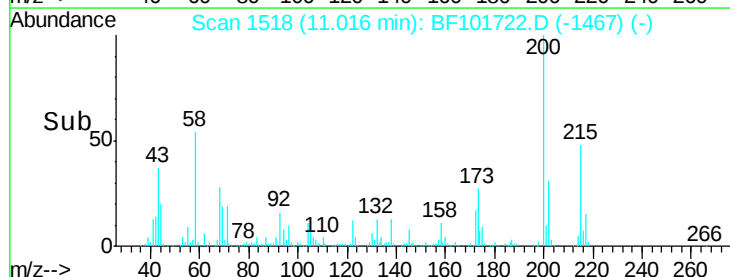
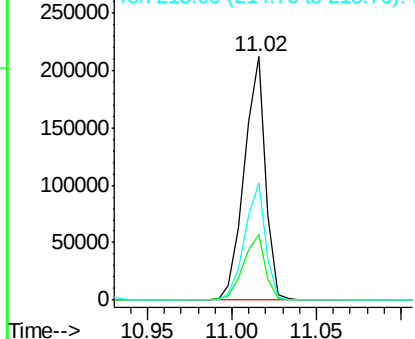


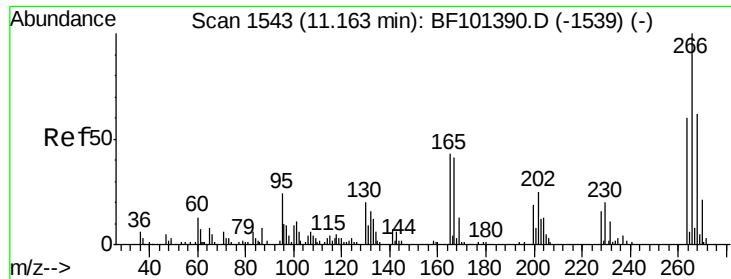
#68
Atrazine
Concen: 34.386 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	186331		
173	27.1	8.6	48.6	
215	48.0	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





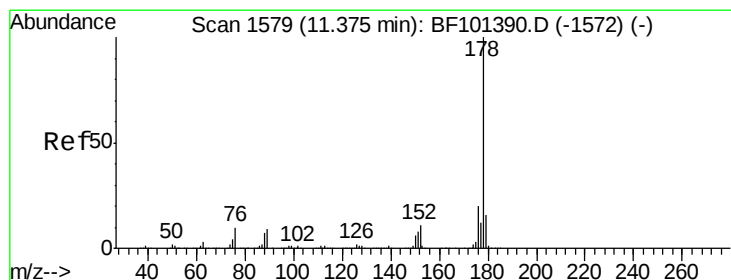
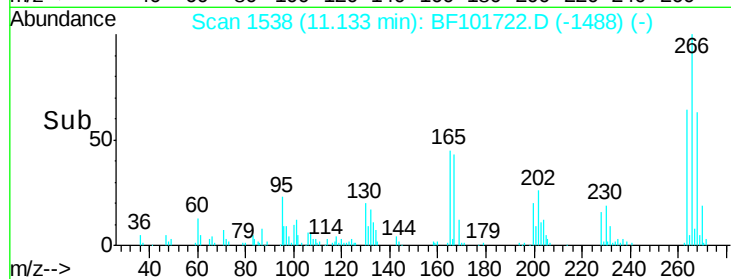
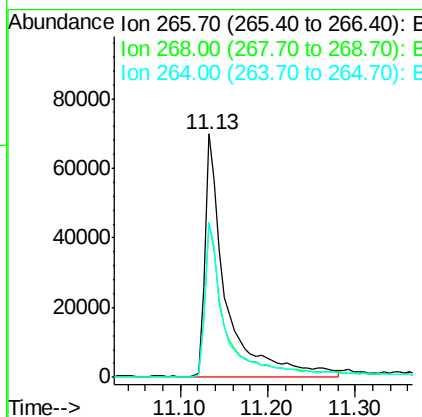
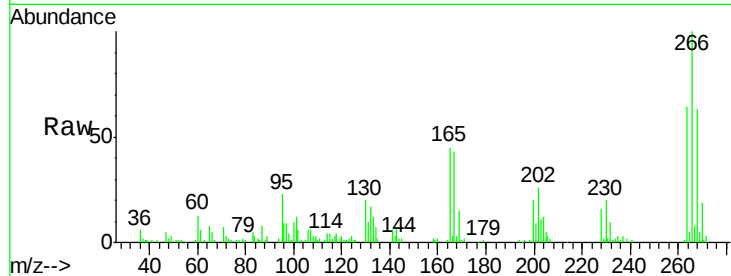
#69
 Pentachlorophenol
 Concen: 53.707 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116898		
268	63.4	51.1	76.7	
264	63.8	49.5	74.3	

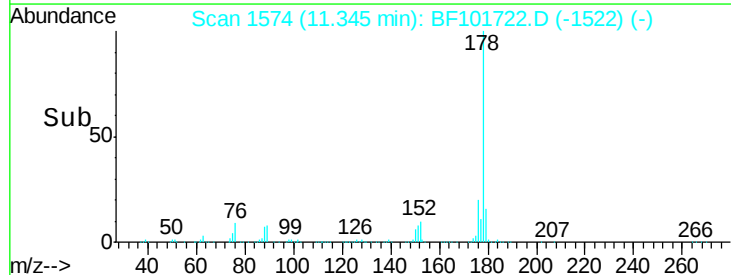
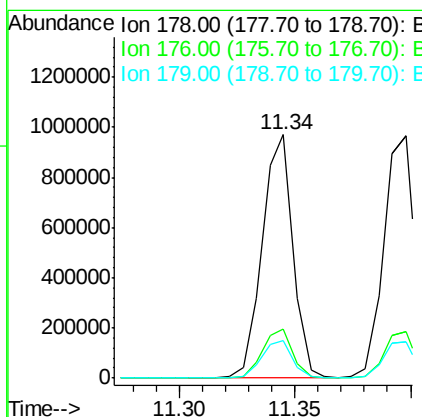
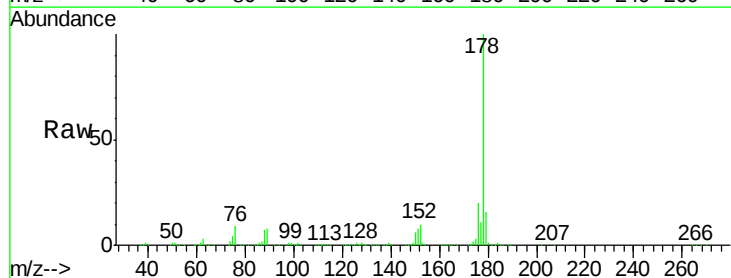
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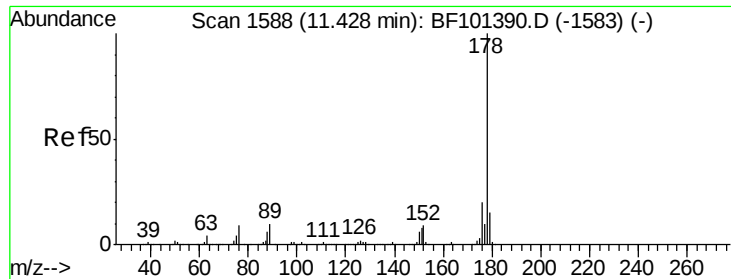
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#70
 Phenanthrene
 Concen: 32.833 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	898651		
176	20.4	15.8	23.8	
179	15.6	13.0	19.6	





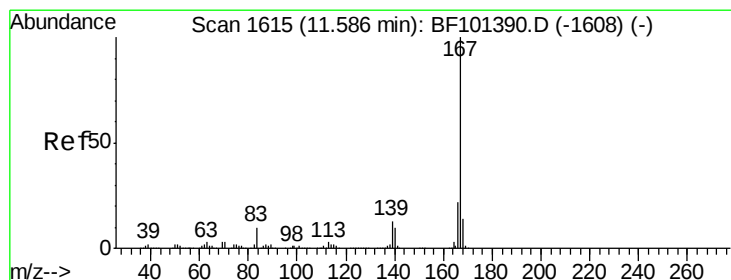
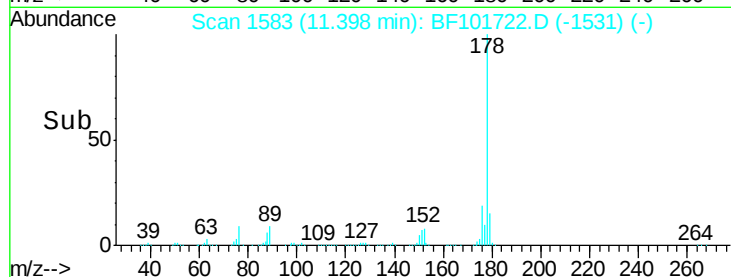
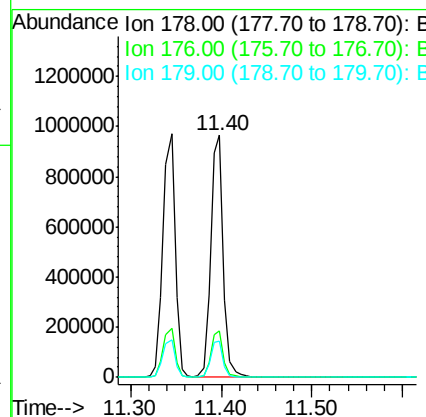
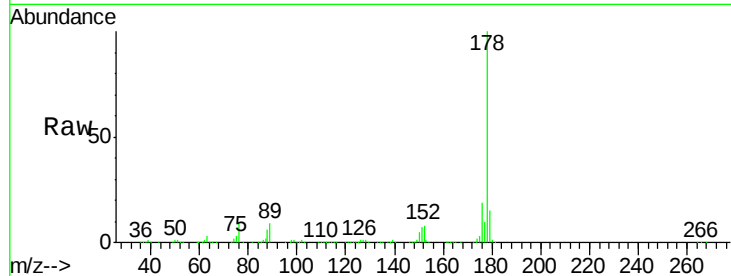
#71
 Anthracene
 Concen: 33.624 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.6	19.0

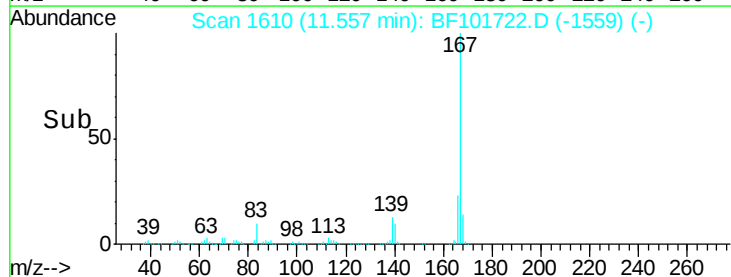
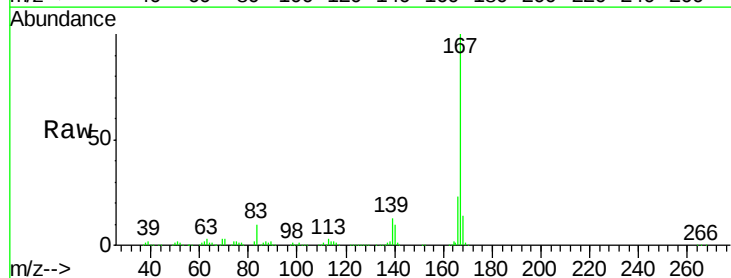
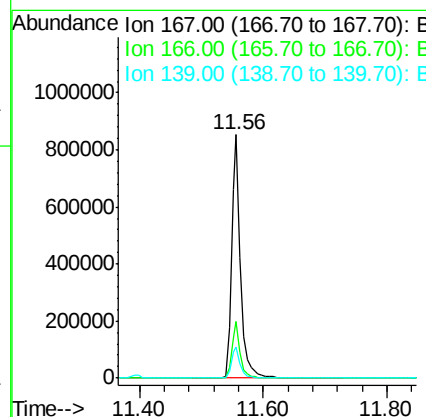
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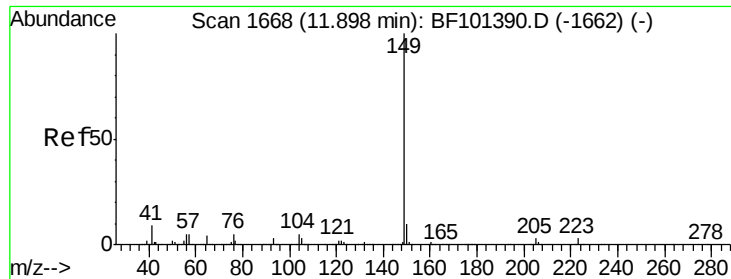
Sohil
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#72
 Carbazole
 Concen: 33.141 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	12.9	10.9	16.3





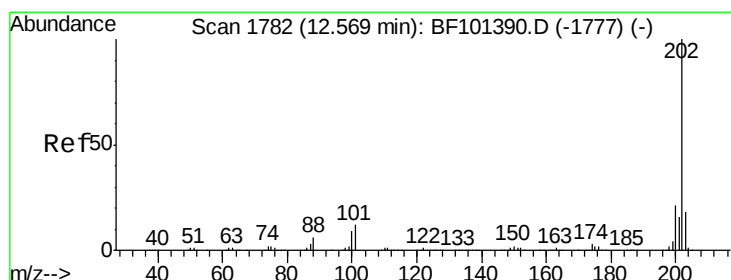
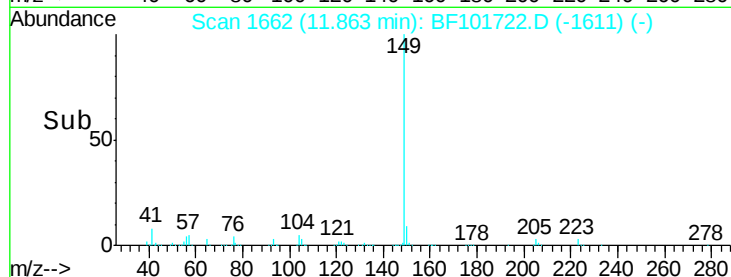
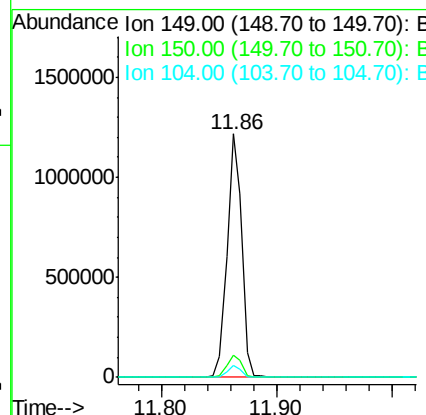
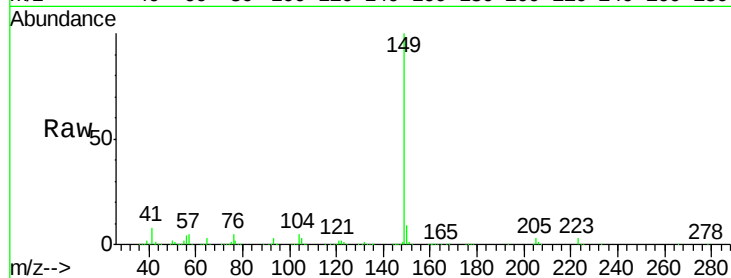
#73
Di-n-butylphthalate
Concen: 33.416 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8

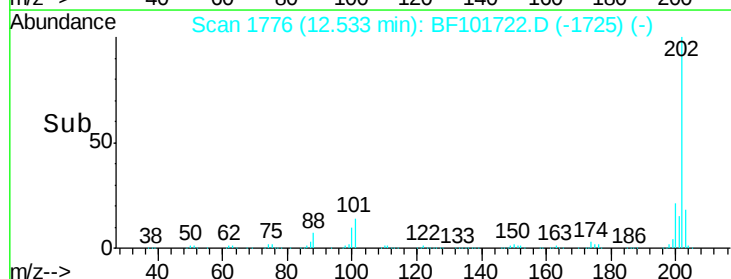
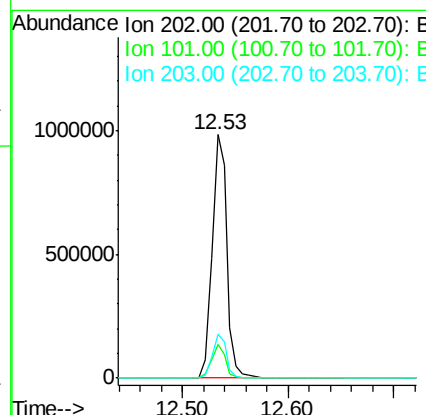
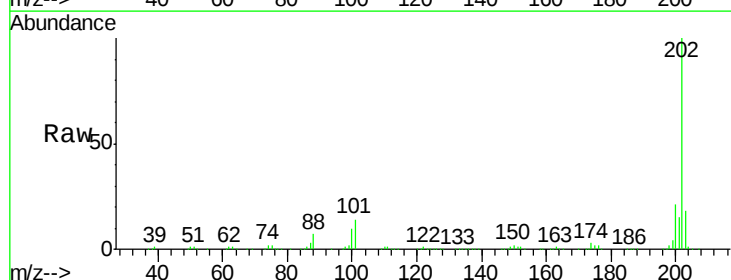
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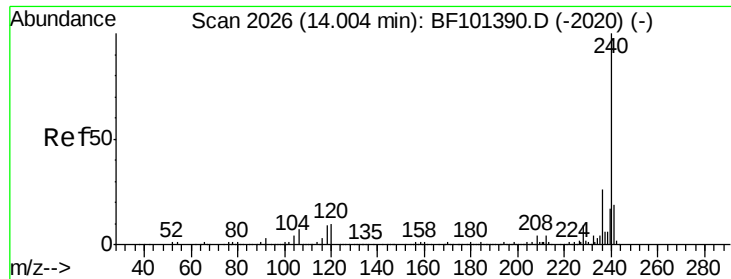
Sohil
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#74
Fluoranthene
Concen: 33.270 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Instrument :

BNA_F

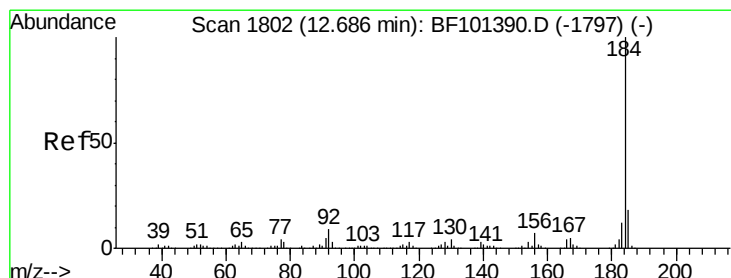
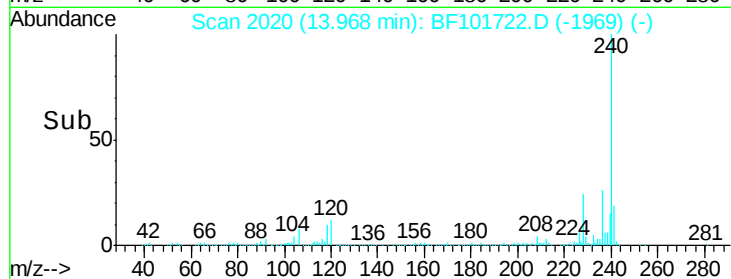
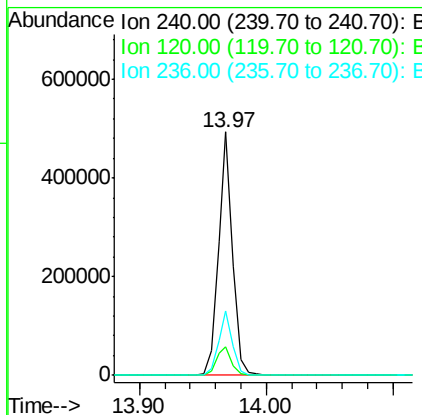
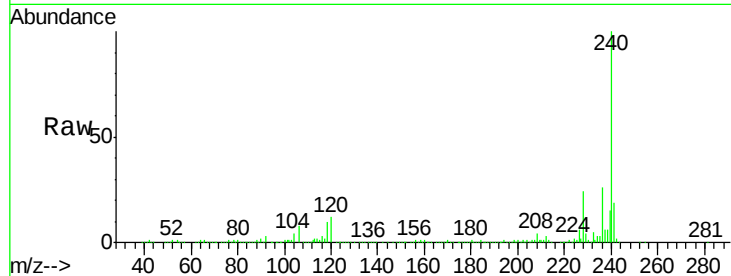
ClientSampleId :

PB105334BS

Tgt Ion:	240	Resp:	384348
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 15.698 ng

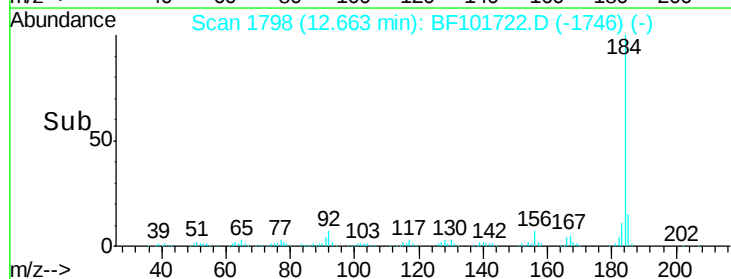
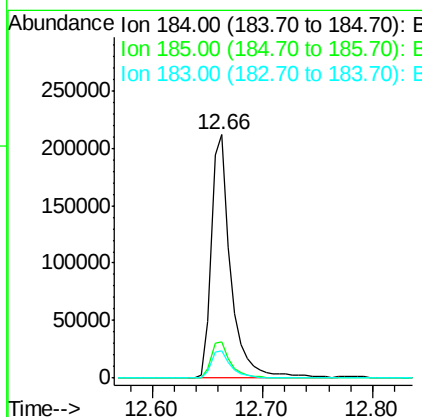
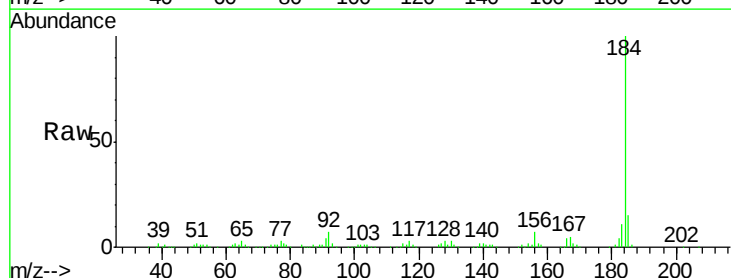
RT: 12.66 min Scan# 1798

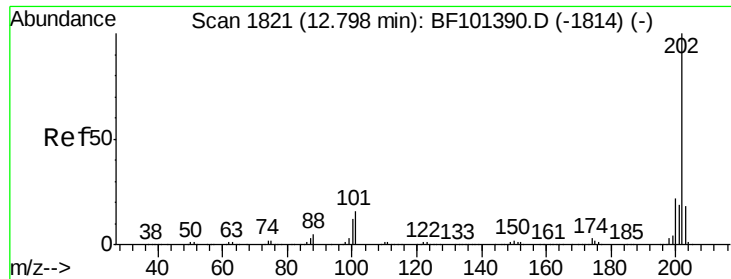
Delta R.T. 0.01 min

Lab File: BF101722.D

Acq: 26 Dec 2017 19:19

Tgt Ion:	184	Resp:	254821
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	11.2	9.3	13.9





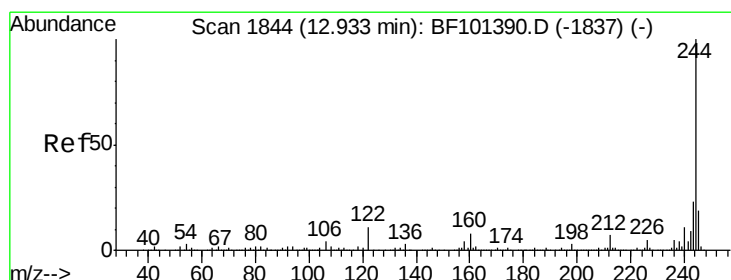
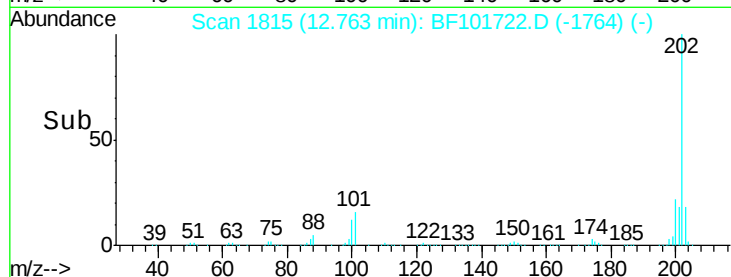
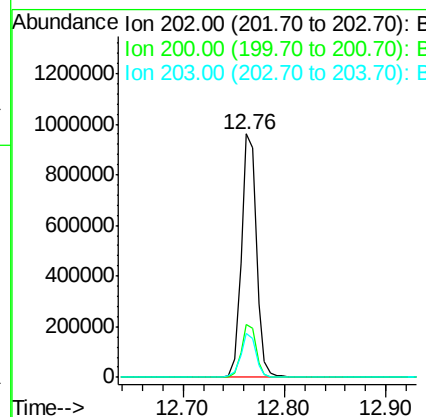
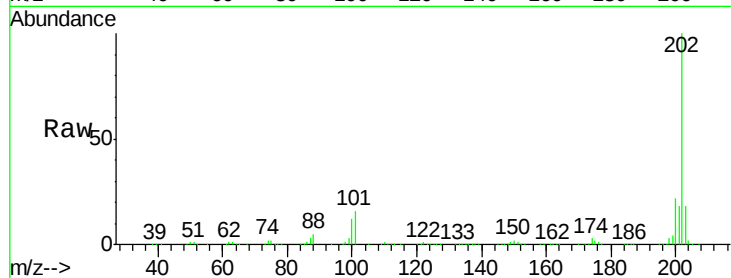
#77
 Pyrene
 Concen: 34.188 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	986173		
200	21.6		17.4	26.2
203	17.9		14.3	21.5

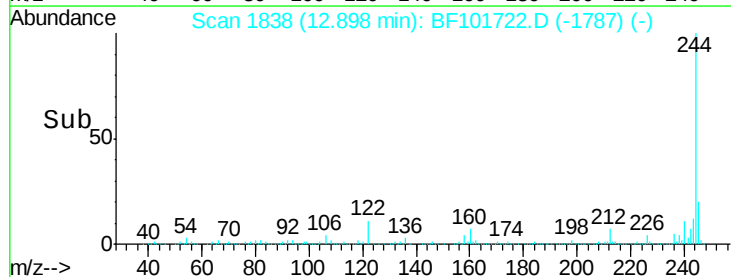
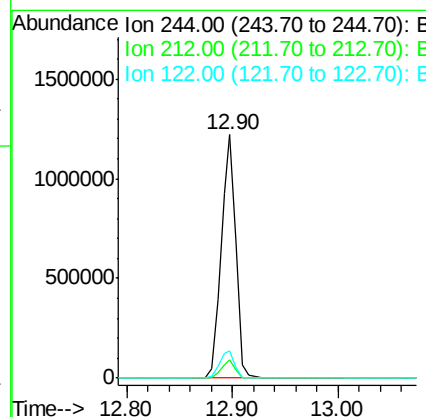
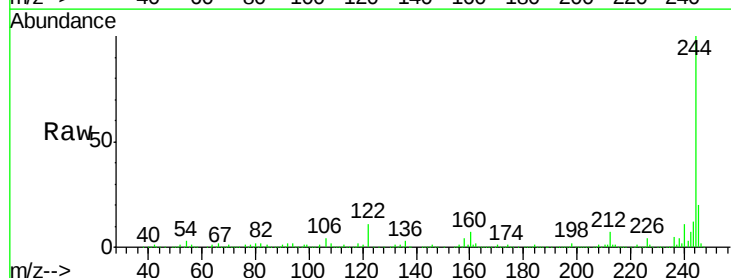
Manual Integrations
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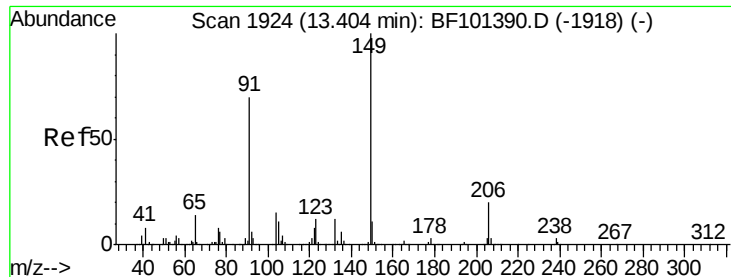
Sohil
 12/27/2017 4:14:48 PM



#78
 Terphenyl-d14
 Concen: 74.755 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1191817		
212	7.3		5.4	8.0
122	11.3		11.0	16.4





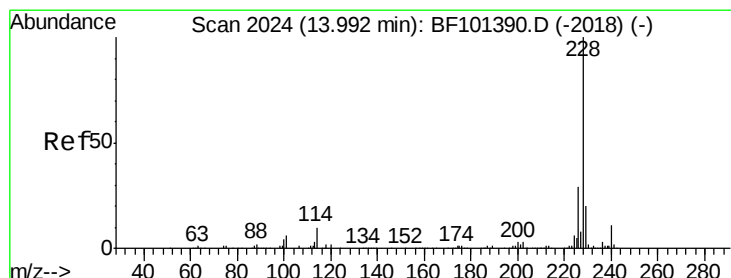
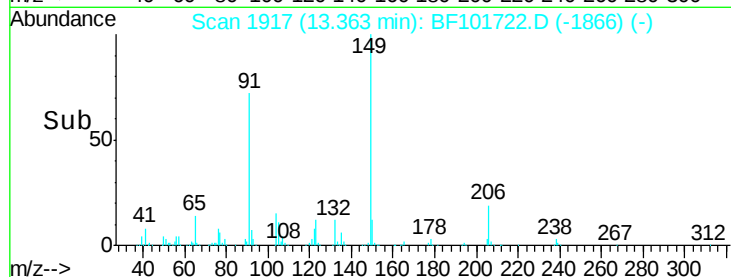
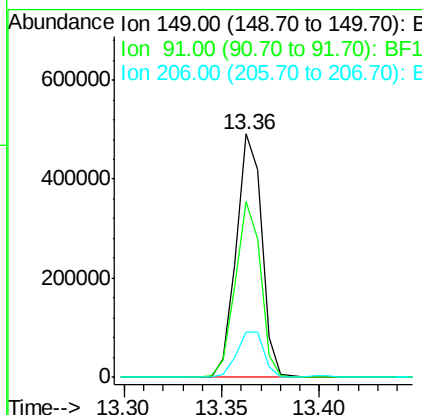
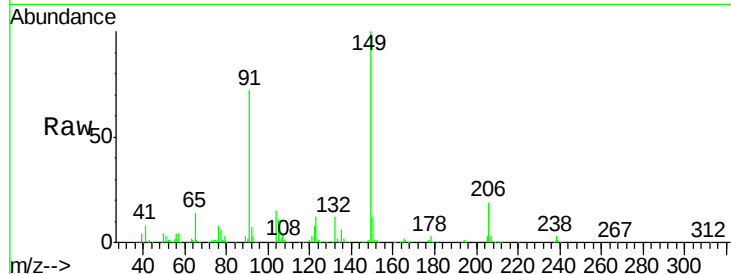
#79
Butylbenzylphthalate
Concen: 34.361 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	448471		
91	72.4	56.8	85.2	
206	18.7	14.1	21.1	

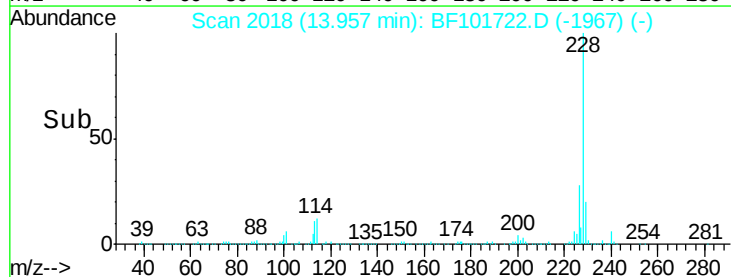
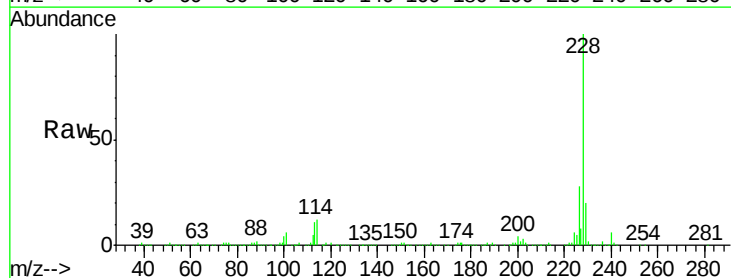
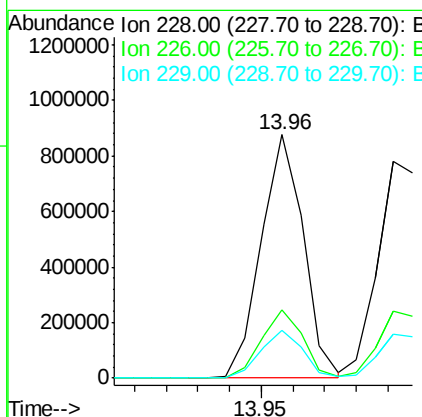
Manual Integrations
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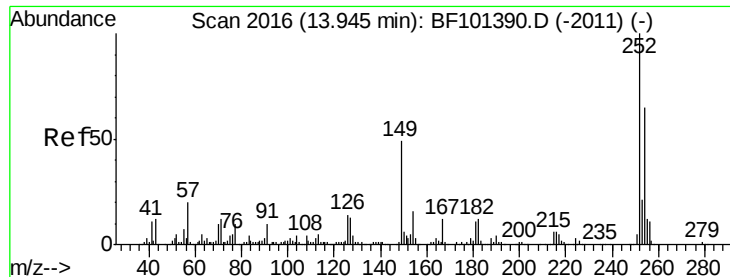
Sohil
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#80
Benzo(a)anthracene
Concen: 32.068 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	813862		
226	28.0	22.6	33.8	
229	19.6	15.8	23.6	





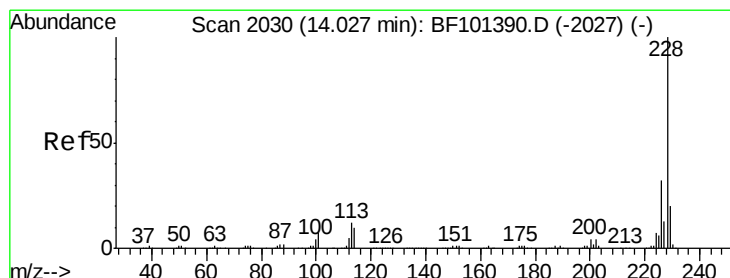
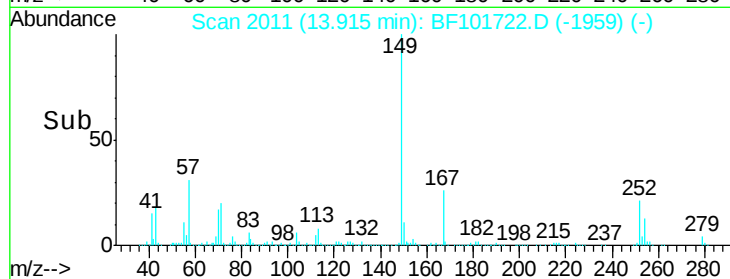
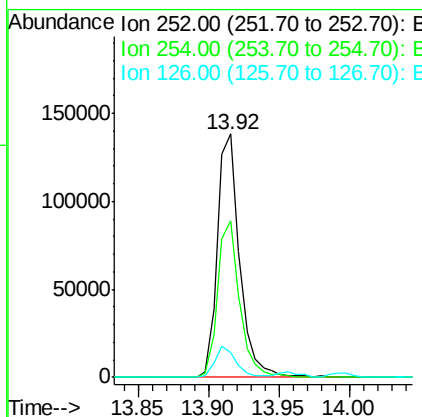
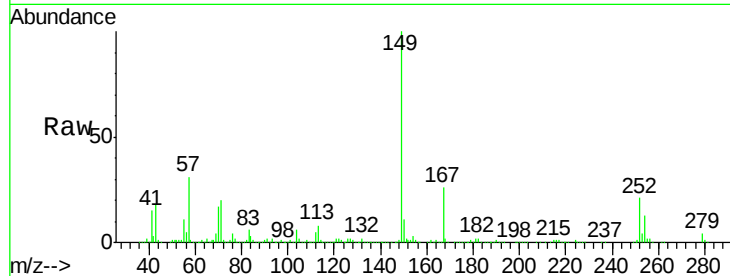
#81
 3,3'-Dichlorobenzidine
 Concen: 18.379 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	50.4	75.6
126	10.4	11.3	16.9

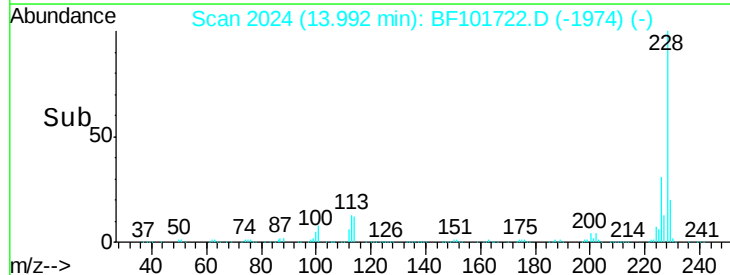
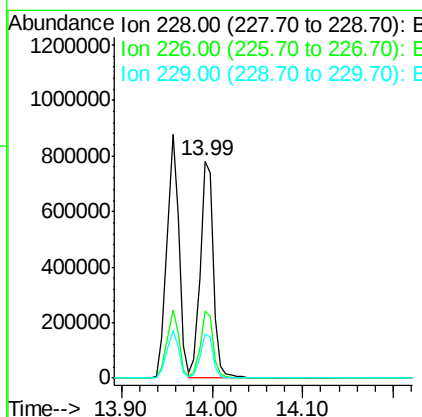
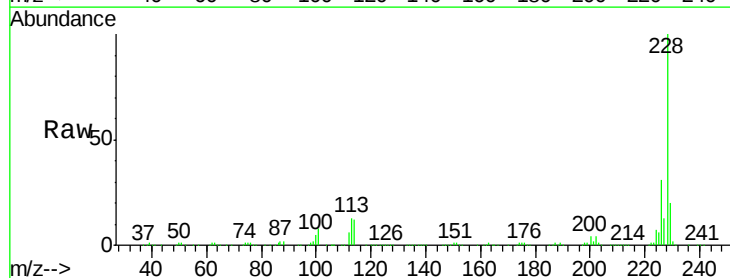
Manual Integrations
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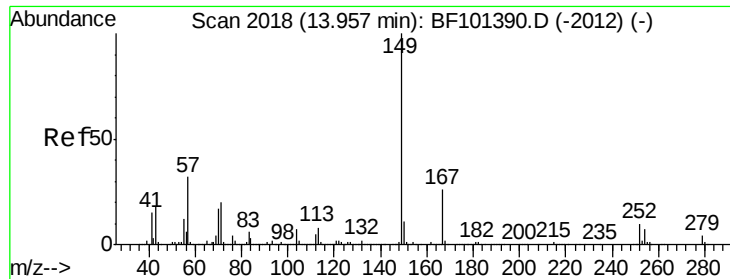
Sohil
 12/27/2017 4:14:48 PM



#82
 Chrysene
 Concen: 33.109 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.0	37.6
229	20.3	16.2	24.4





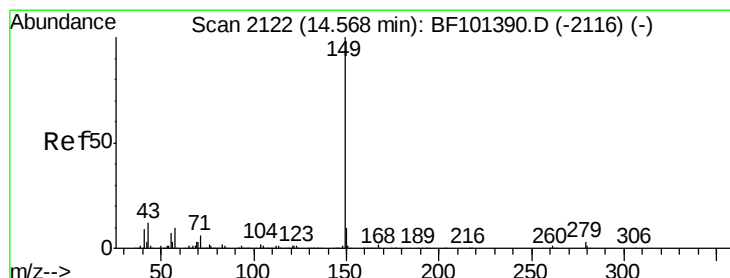
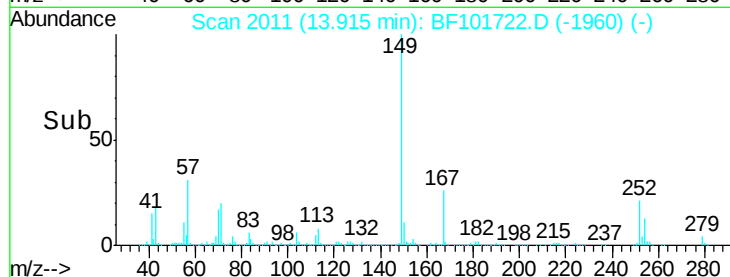
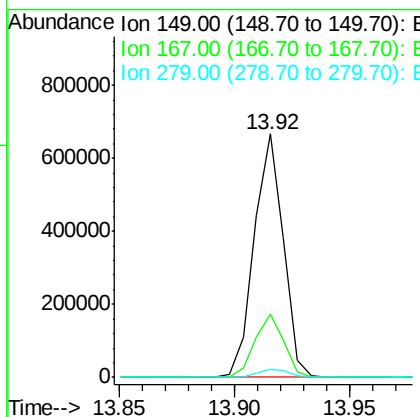
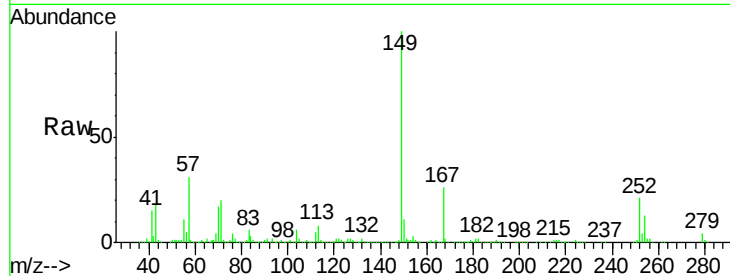
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.575 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.7	21.3	31.9
279	3.5	3.0	4.4

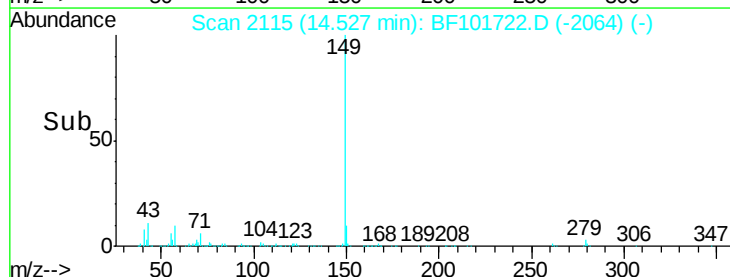
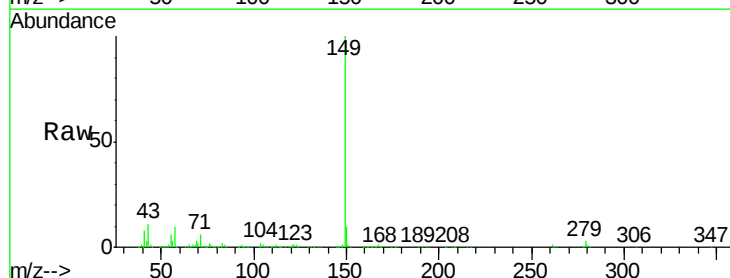
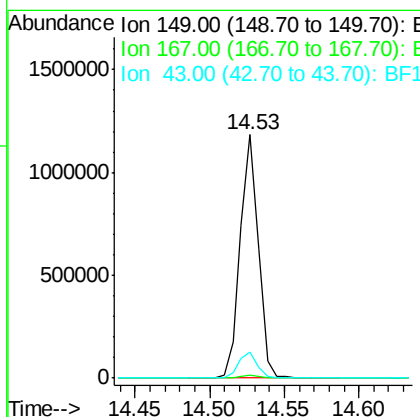
Manual Integrations
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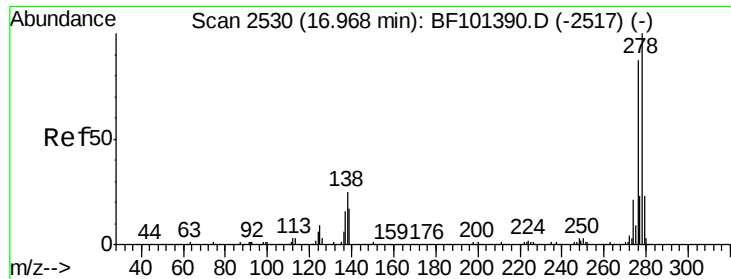
Sohil
 12/27/2017 4:14:48 PM



#84
 Di-n-octyl phthalate
 Concen: 34.182 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





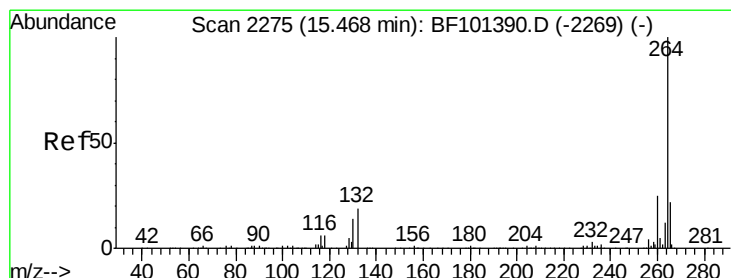
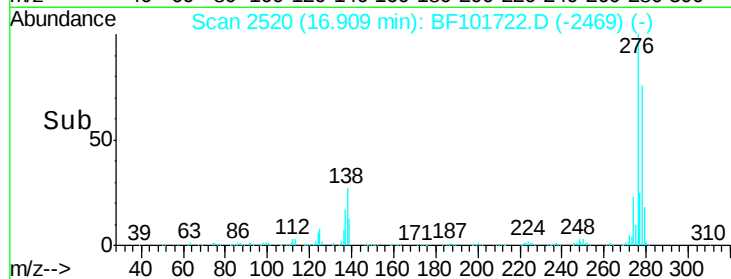
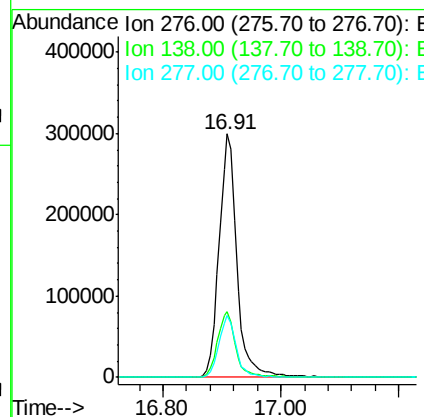
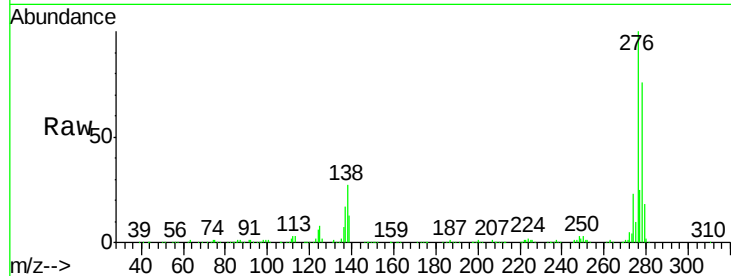
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.354 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	626381		
138	27.6	25.0	37.6	
277	24.9	20.1	30.1	

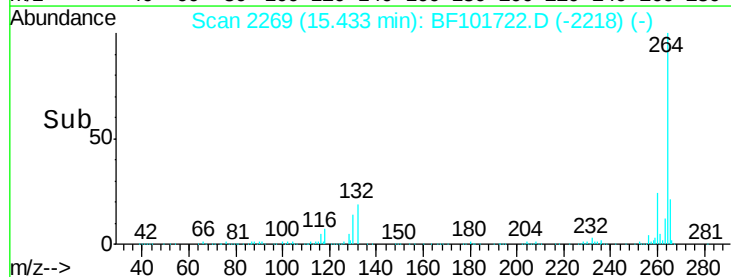
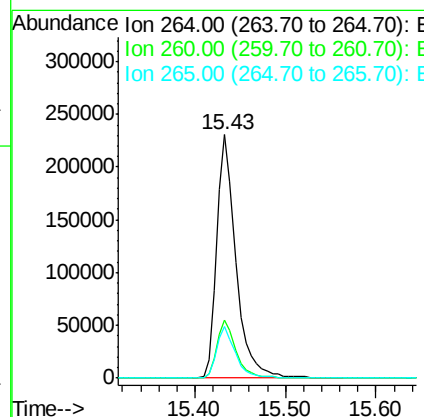
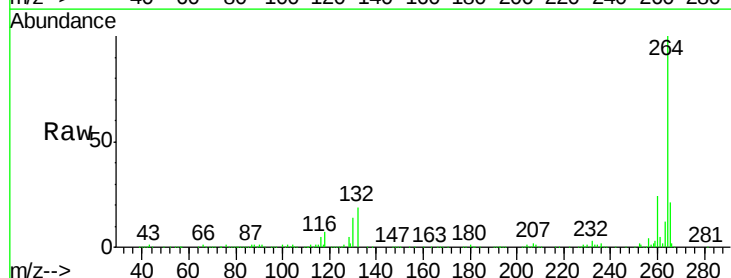
Manual Integrations
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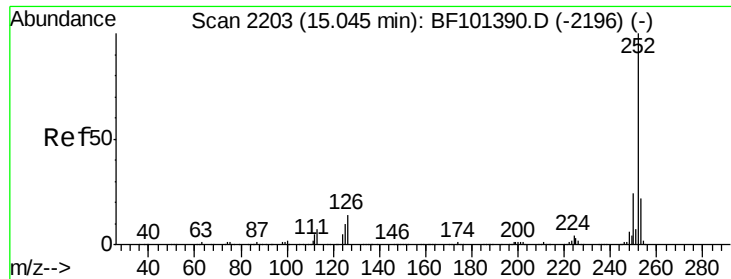
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	340700		
260	23.7	19.2	28.8	
265	20.9	17.5	26.3	





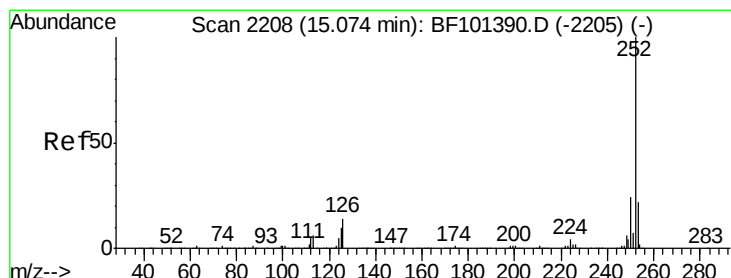
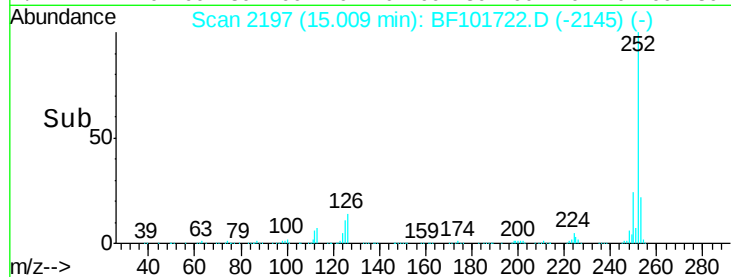
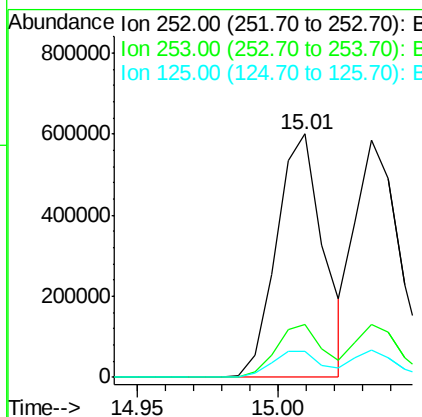
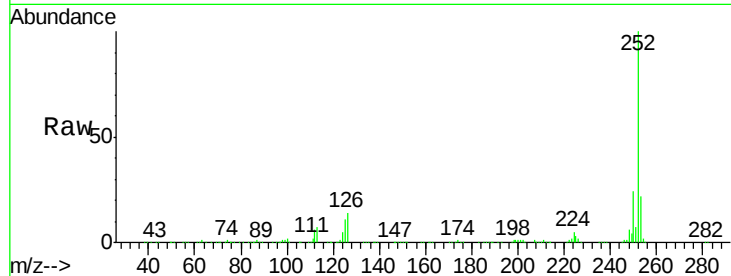
#87
Benzo(b)fluoranthene
Concen: 33.407 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.5	9.0	13.6

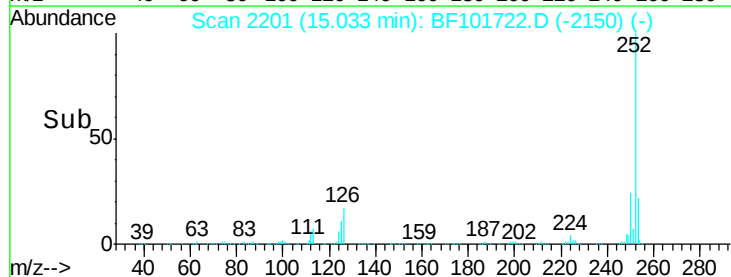
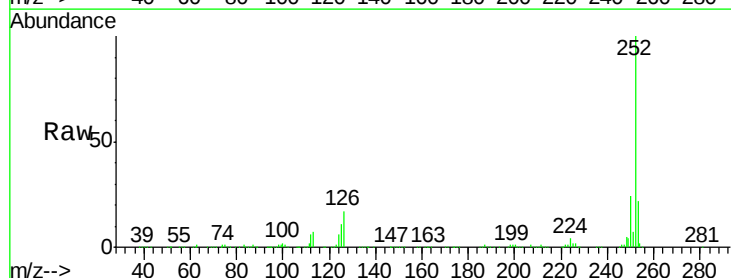
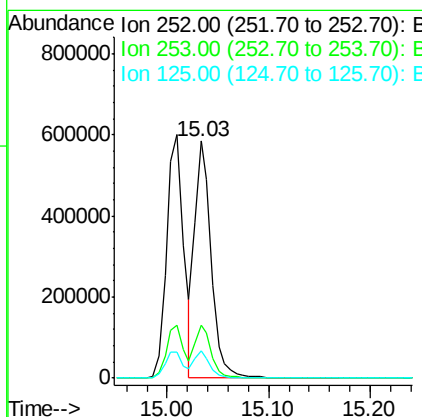
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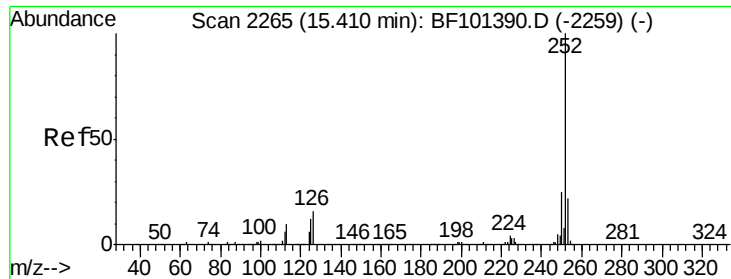
Sohil
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#88
Benzo(k)fluoranthene
Concen: 32.544 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.4	10.2	15.2





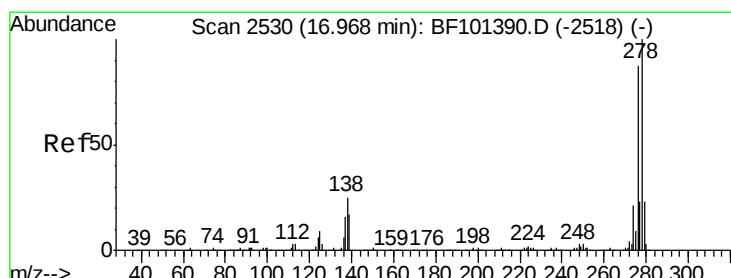
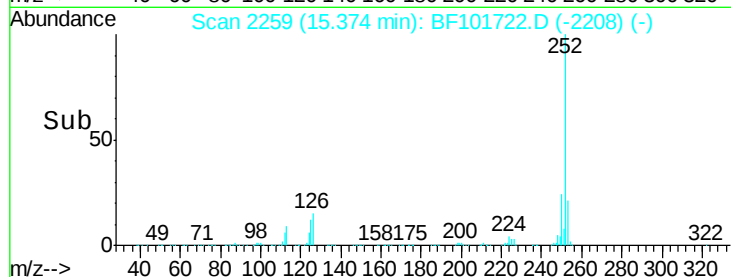
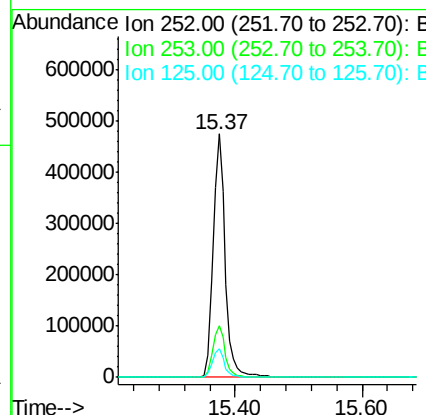
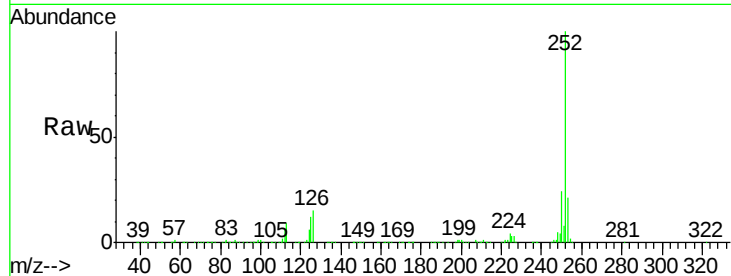
#89
Benzo(a)pyrene
Concen: 33.547 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Instrument :
BNA_F
ClientSampleId :
PB105334BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.8	9.8	14.6

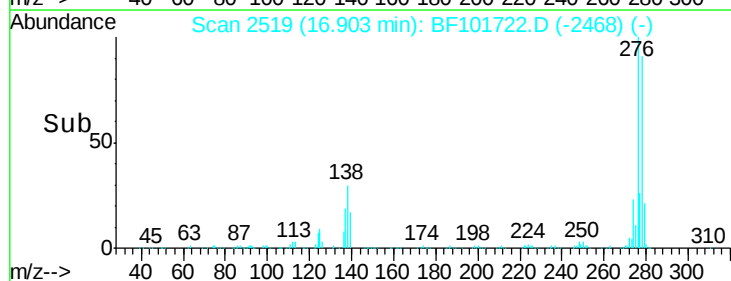
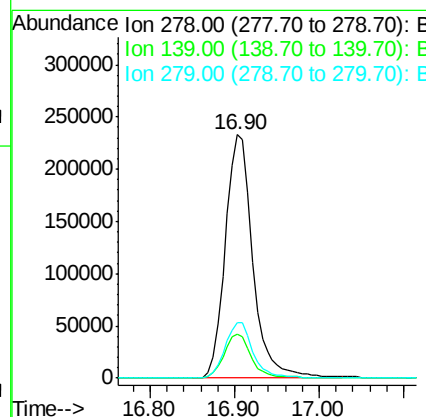
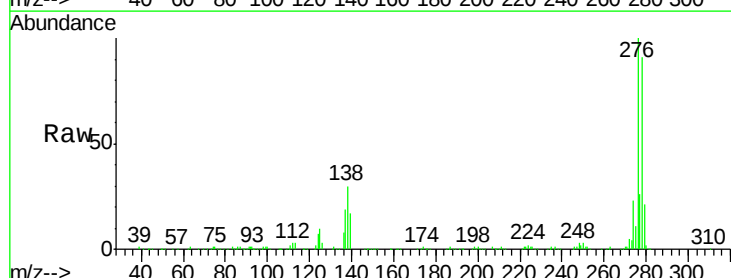
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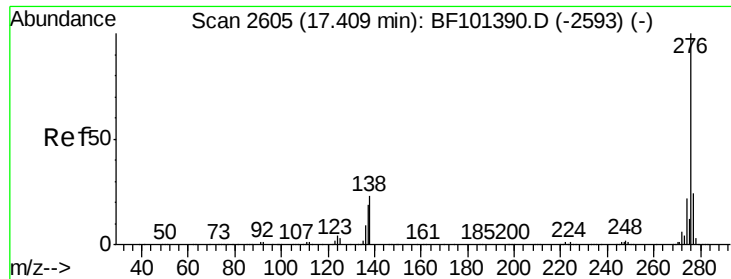
Sohil
12/27/2017 4:14:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 31.969 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	22.8	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 32.605 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.01 min
 Lab File: BF101722.D
 Acq: 26 Dec 2017 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PB105334BS

Tgt Ion:	276	Resp:	530672
Ion Ratio	Lower	Upper	
276	100		
277	24.4	17.9	26.9
138	24.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:14:48 PM

