

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101328.D
 Acq On : 12 Dec 2017 14:33
 Operator : SJ/JU
 Sample : PB104934BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:07:30 PM

Quant Time: Dec 13 01:24:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42252	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	168781	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	82275	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	162774	20.00	ng	0.00
75) Chrysene-d12	14.01	240	127602	20.00	ng	0.00
86) Perylene-d12	15.48	264	103730	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	336674	131.67	ng	0.02
7) Phenol-d6	6.47	99	405761	130.71	ng	0.00
23) Nitrobenzene-d5	7.39	82	251215	88.79	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	124684	126.15	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	563636	93.73	ng	0.00
78) Terphenyl-d14	12.94	244	602572	103.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	38317	36.239	ng	95
3) Pyridine	3.41	79	111262	40.592	ng	95
4) n-Nitrosodimethylamine	3.36	42	57783	43.163	ng	89
6) Aniline	6.49	93	54123	13.407	ng	# 88
8) 2-Chlorophenol	6.62	128	122984	44.113	ng	91
9) Benzaldehyde	6.37	77	31141	16.390	ng	97
10) Phenol	6.48	94	139994	40.556	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	109807	42.410	ng	99
12) 1,3-Dichlorobenzene	6.76	146	136524	42.055	ng	98
13) 1,4-Dichlorobenzene	6.84	146	139672	41.557	ng	97
14) 1,2-Dichlorobenzene	6.99	146	132101	42.138	ng	96
15) Benzyl Alcohol	6.97	79	101910	42.504	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	169151	48.062	ng	73
17) 2-Methylphenol	7.08	107	98762	43.871	ng	96
18) Hexachloroethane	7.33	117	45805	42.420	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	81896	39.172	ng	93
20) 3+4-Methylphenols	7.24	107	127724	43.504	ng	# 72
22) Acetophenone	7.23	105	159793	39.187	ng	# 90
24) Nitrobenzene	7.41	77	118801	42.842	ng	98
25) Isophorone	7.65	82	222196	45.976	ng	100
26) 2-Nitrophenol	7.73	139	67200	44.145	ng	92
27) 2,4-Dimethylphenol	7.76	122	110765	50.300	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	138130	42.525	ng	99
29) 2,4-Dichlorophenol	7.97	162	110296	46.015	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	115198	43.707	ng	99
31) Naphthalene	8.13	128	353324	42.475	ng	98
32) Benzoic acid	7.92	122	73927	43.164	ng	95
33) 4-Chloroaniline	8.19	127	25906	7.751	ng	98
34) Hexachlorobutadiene	8.23	225	69327	42.886	ng	97
35) Caprolactam	8.56	113	32888m	44.027	ng	
36) 4-Chloro-3-methylphenol	8.67	107	111912	45.073	ng	99
37) 2-Methylnaphthalene	8.82	142	242589	42.919	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	114958	38.462	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	65682	62.305	ng	97

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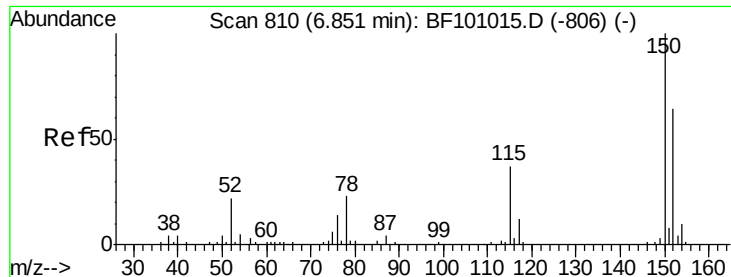
Manual Integrations
 APPROVED

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 12/13/2017 12:07:30 PM

Quant Time: Dec 13 01:24:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	79169	45.185	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	82028	43.792	nq	95
45) 1,1'-Biphenyl	9.29	154	290388	38.523	nq	97
46) 2-Chloronaphthalene	9.31	162	234694	43.840	nq	96
47) 2-Nitroaniline	9.42	65	67490	42.611	nq	96
48) Acenaphthylene	9.73	152	363017	41.263	nq	99
49) Dimethylphthalate	9.59	163	279875	42.180	nq	99
50) 2,6-Dinitrotoluene	9.66	165	60663	43.407	nq	92
51) Acenaphthene	9.90	154	217631	41.312	nq	99
52) 3-Nitroaniline	9.83	138	23843	15.171	nq #	91
53) 2,4-Dinitrophenol	9.95	184	60621	84.090	nq #	19
54) Dibenzofuran	10.07	168	323640	42.631	nq	99
55) 4-Nitrophenol	10.01	139	69196	65.285	nq	97
56) 2,4-Dinitrotoluene	10.07	165	80045	42.738	nq #	93
57) Fluorene	10.42	166	265682	43.051	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	65760	43.846	nq #	87
59) Diethylphthalate	10.29	149	276728	42.283	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	130671	42.884	nq	92
61) 4-Nitroaniline	10.45	138	62509	38.315	nq	90
62) Azobenzene	10.56	77	238834	43.001	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	40090	36.720	nq	76
65) n-Nitrosodiphenylamine	10.53	169	244296	42.542	nq	95
66) 4-Bromophenyl-phenylether	10.89	248	78558	43.117	nq	93
67) Hexachlorobenzene	10.97	284	82426	42.211	nq #	87
68) Atrazine	11.06	200	75011	42.584	nq	96
69) Pentachlorophenol	11.17	266	67726	63.078	nq	97
70) Phenanthrene	11.39	178	385390	42.994	nq	98
71) Anthracene	11.43	178	401014	44.202	nq	98
72) Carbazole	11.59	167	345970	41.738	nq	99
73) Di-n-butylphthalate	11.91	149	444717	42.804	nq	97
74) Fluoranthene	12.57	202	421109	42.381	nq	96
76) Benzidine	12.69	184	93969	22.646	nq	97
77) Pyrene	12.80	202	423365	48.083	nq	99
79) Butylbenzylphthalate	13.41	149	177979	45.847	nq	94
80) Benzo(a)anthracene	14.00	228	363928	45.171	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	56955	20.413	nq	99
82) Chrysene	14.03	228	335585	44.850	nq	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	250461	45.250	nq	98
84) Di-n-octyl phthalate	14.58	149	390385	42.359	nq	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	255373	38.390	nq #	92
87) Benzo(b)fluoranthene	15.05	252	279000	44.905	nq	98
88) Benzo(k)fluoranthene	15.08	252	272237	44.473	nq #	96
89) Benzo(a)pyrene	15.42	252	253772	44.927	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	210264	42.224	nq	96
91) Benzo(g,h,i)perylene	17.42	276	212458	45.272	nq #	93

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



#1

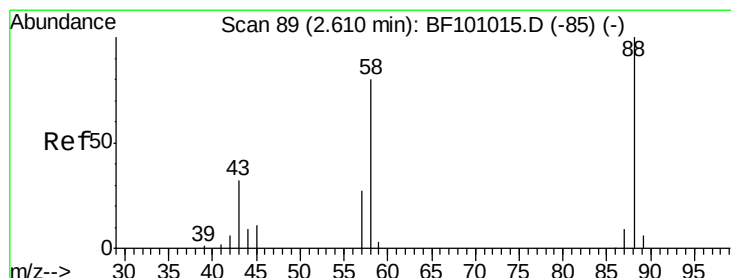
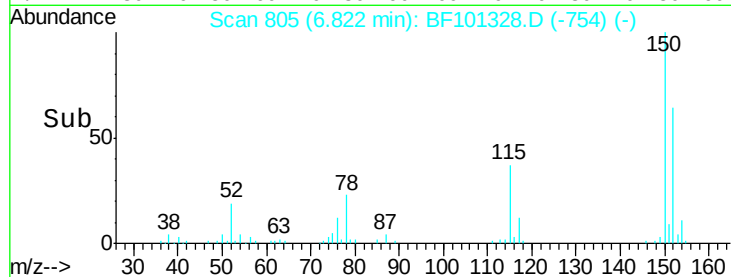
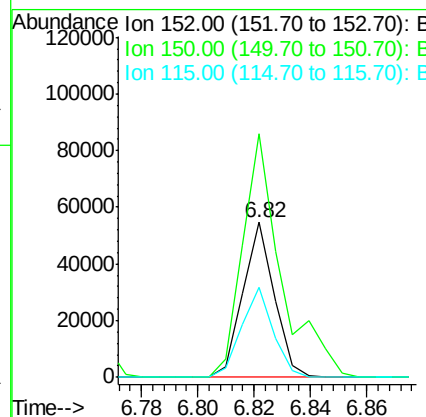
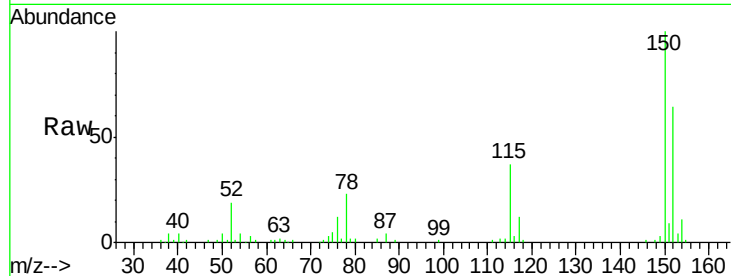
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	58.0	50.1	75.1

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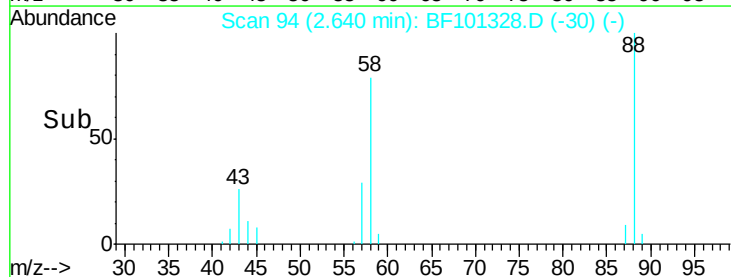
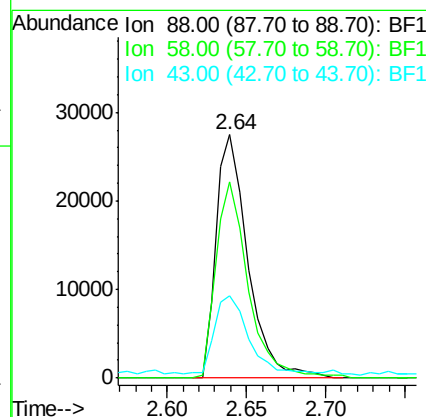
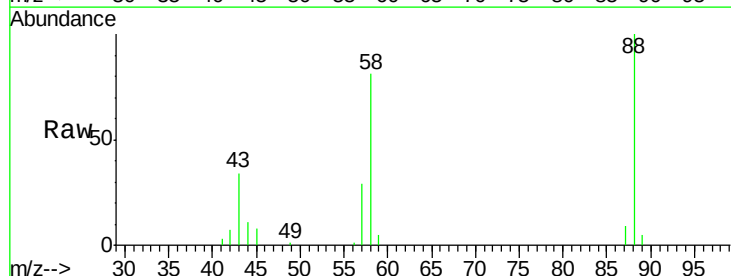
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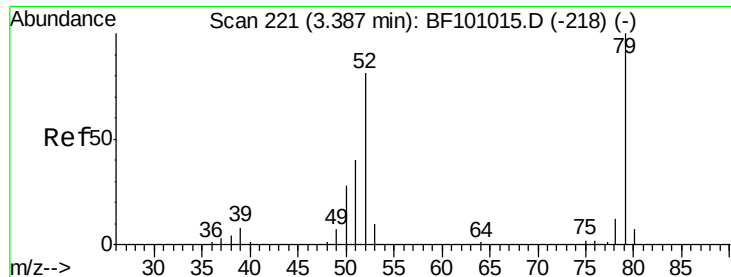


#2

1,4-Dioxane
Concen: 36.239 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.08 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	62.6	93.8
43	34.1	24.6	37.0





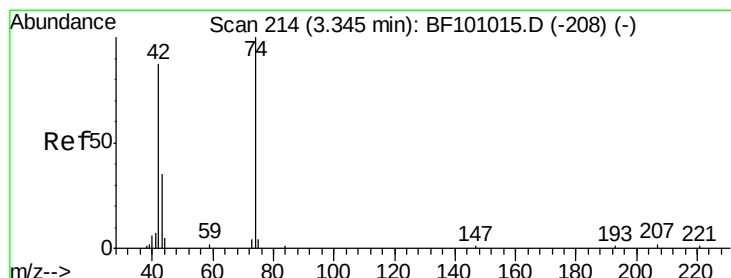
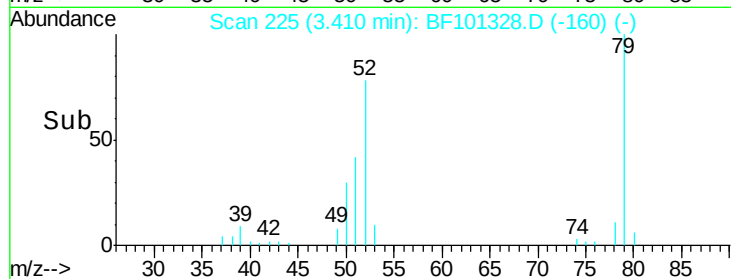
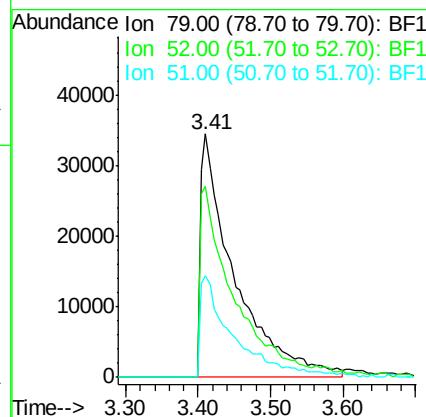
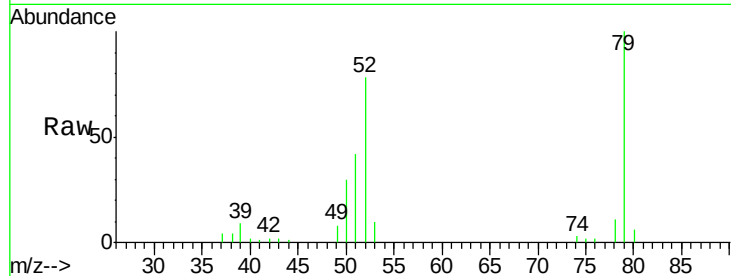
#3
 Pvridine
 Concen: 40.592 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.08 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	78.4	59.8	89.6	
51	41.6	29.8	44.8	

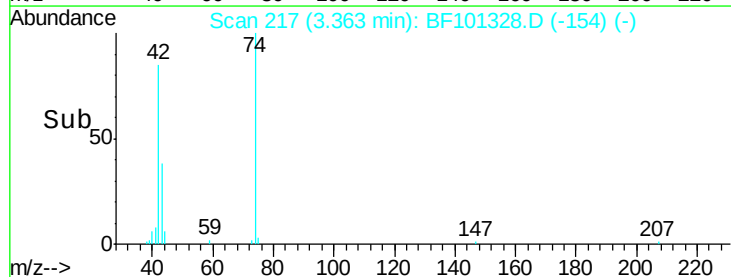
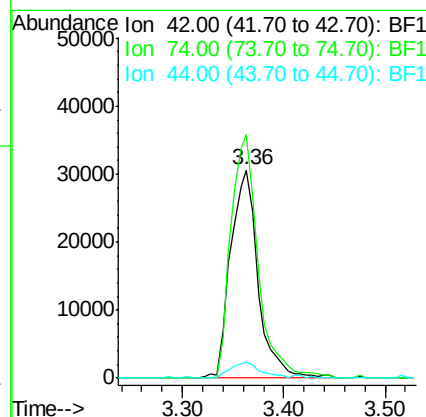
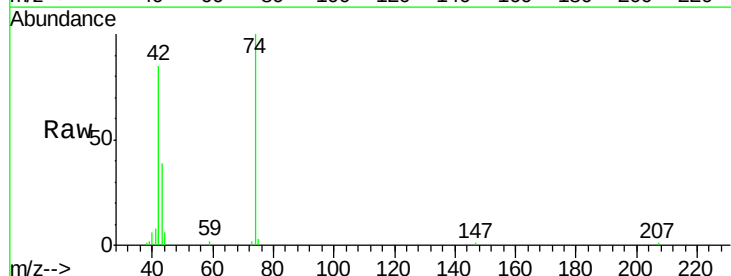
Manual Integrations
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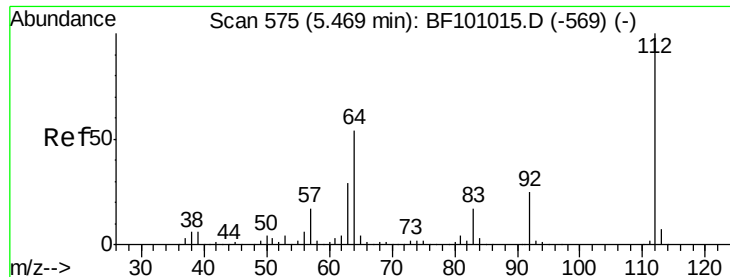
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#4
 n-Nitrosodimethylamine
 Concen: 43.163 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.07 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	117.1	104.9	157.3	
44	7.5	6.9	10.3	





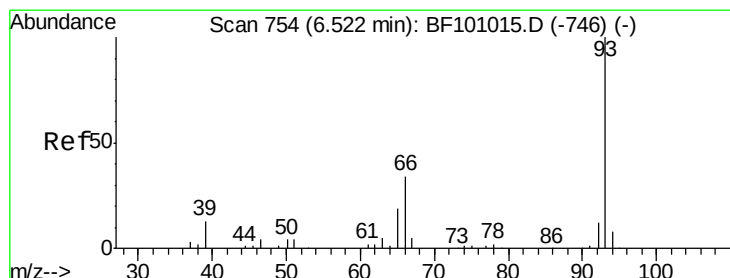
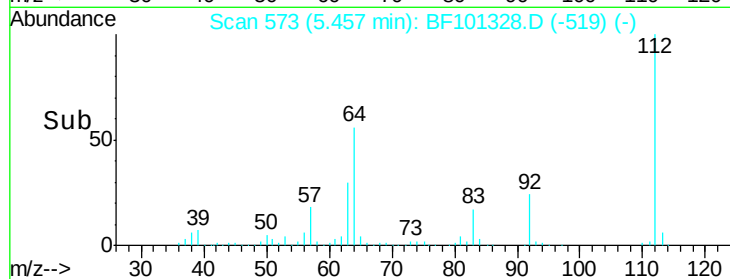
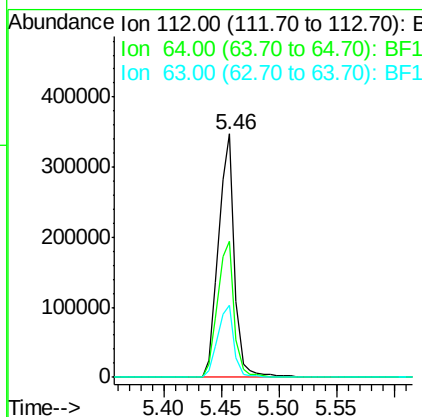
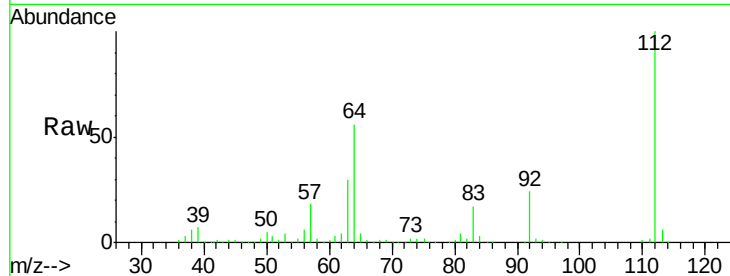
#5
2-Fluorophenol
Concen: 131.671 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	47.9	71.9
63	29.6	23.7	35.5

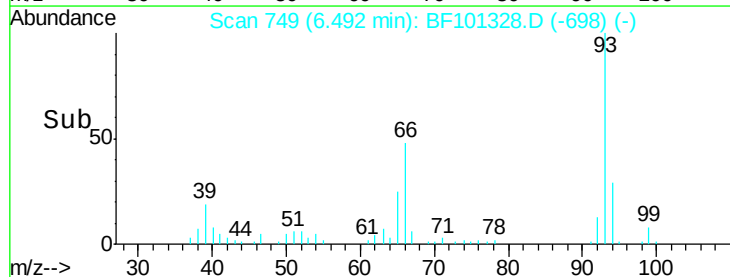
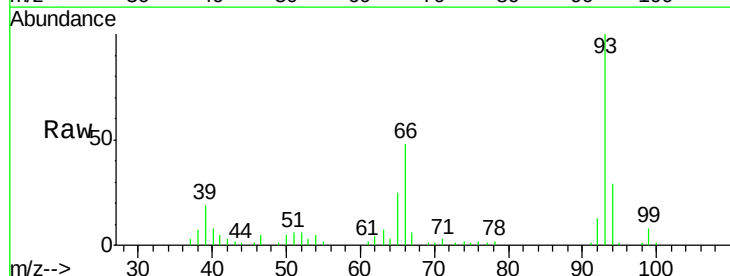
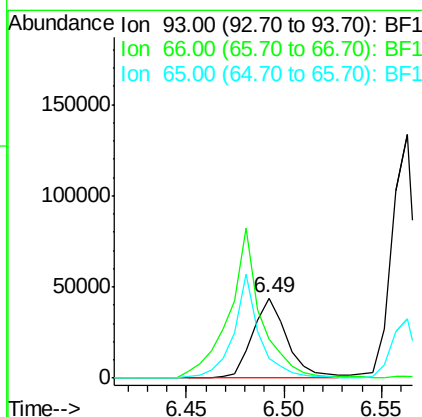
Manual Integrations
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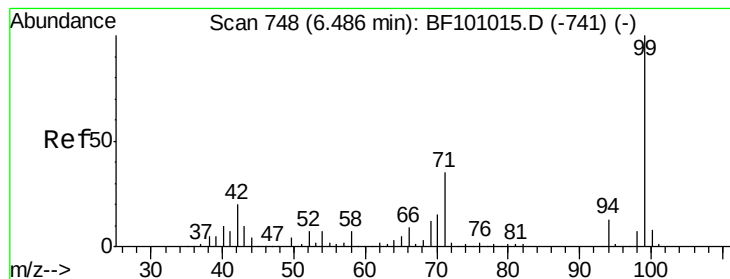
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#6
Aniline
Concen: 13.407 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.9	32.2	48.2
65	25.3	16.4	24.6





#7

Phenol-d6

Concen: 130.706 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

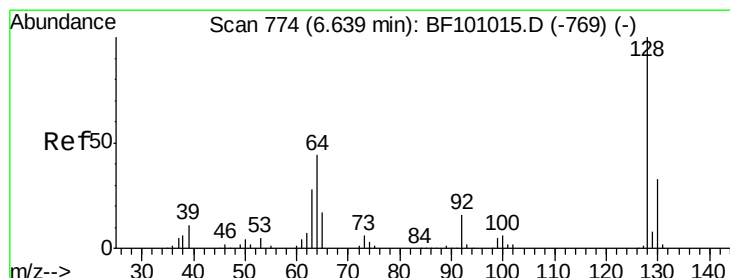
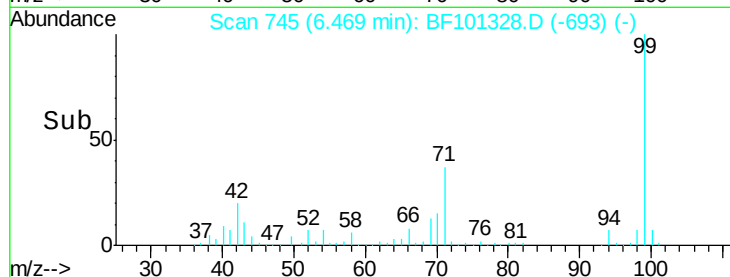
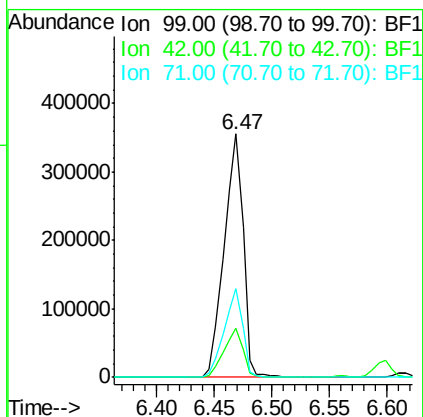
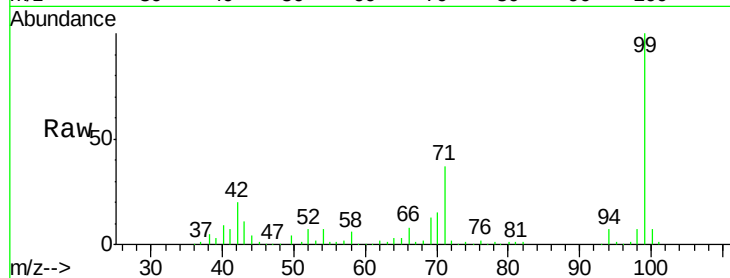
ClientSampleId :

PB104934BS

Tot Ion:	99	Resp:	405761
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	36.5	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 44.113 ng

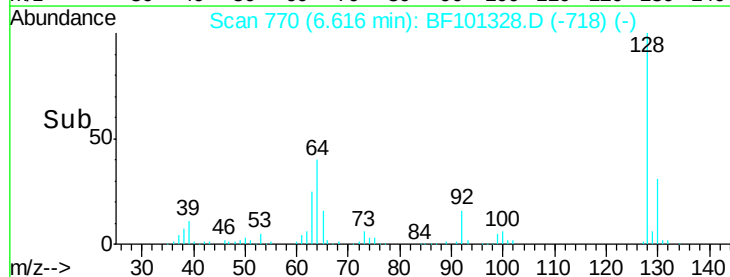
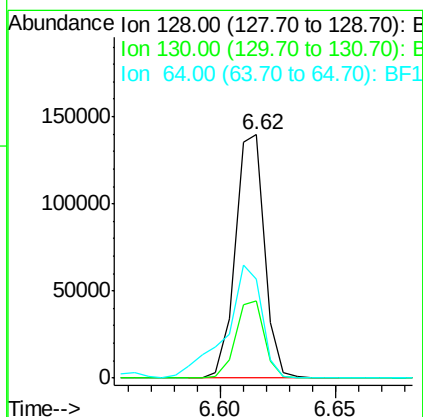
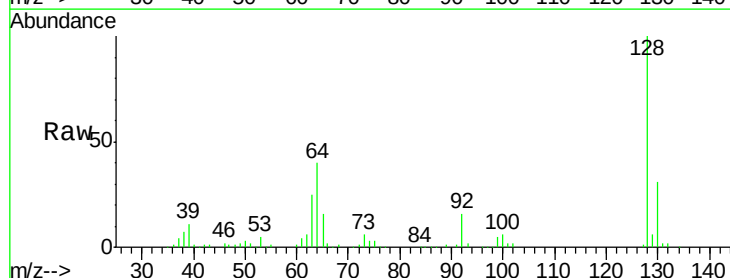
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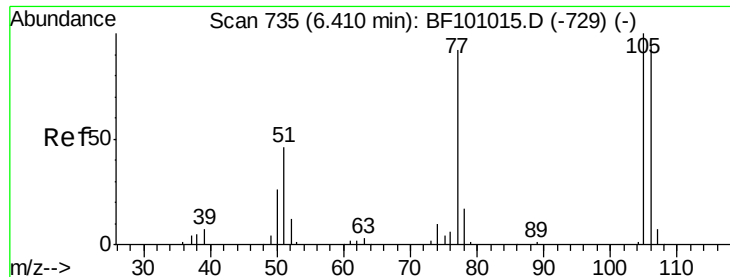
Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	128	Resp:	122984
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	40.4	29.4	69.4





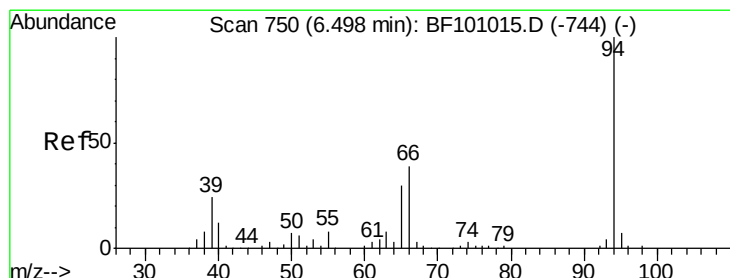
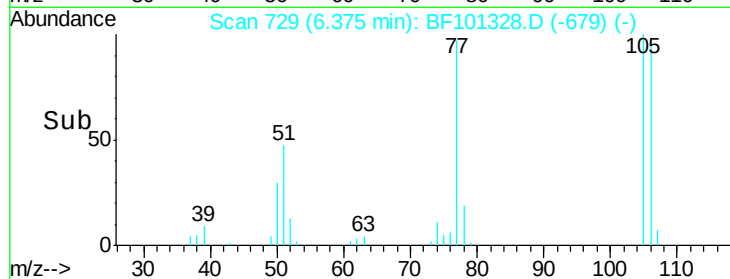
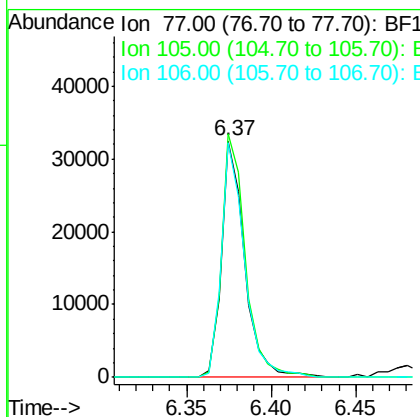
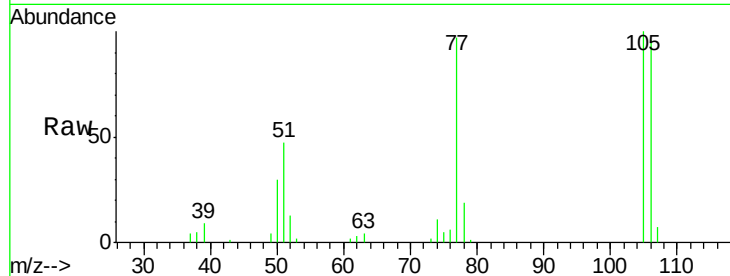
#9
Benzaldehyde
Concen: 16.390 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	81.1	121.1
106	99.2	74.5	114.5

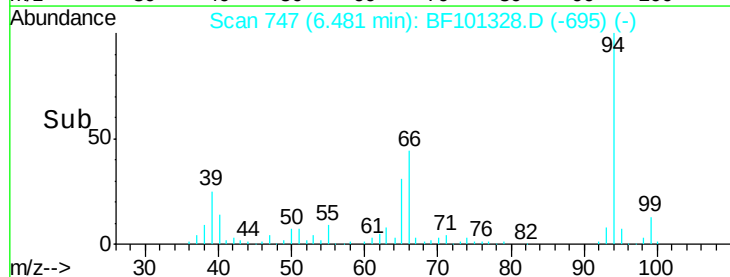
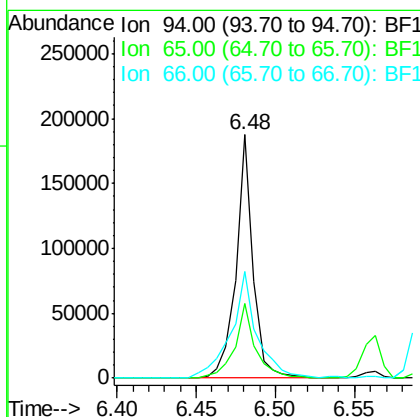
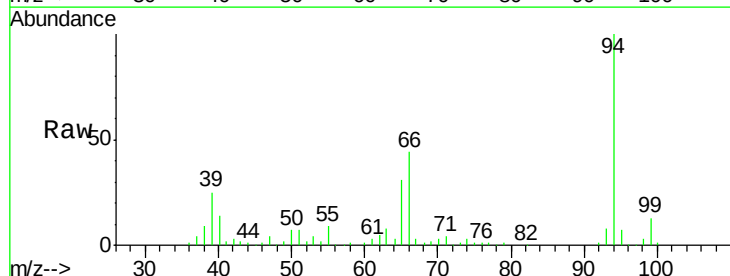
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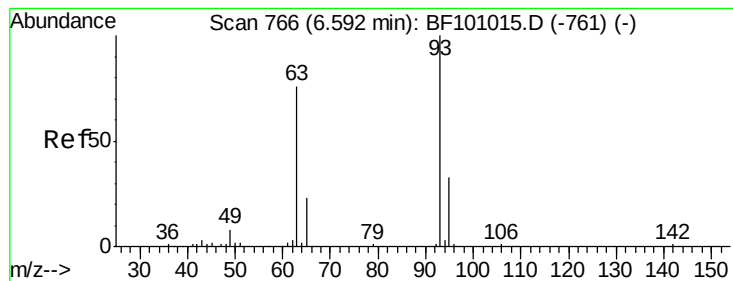
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#10
Phenol
Concen: 40.556 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	43.9	16.2	56.2





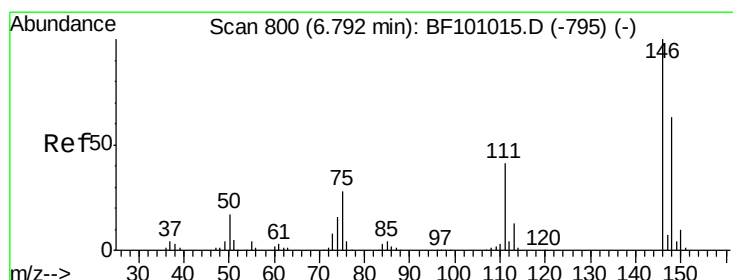
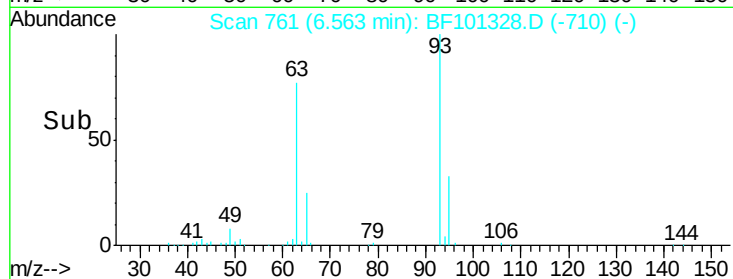
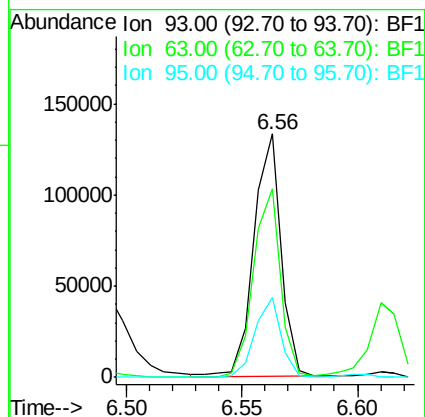
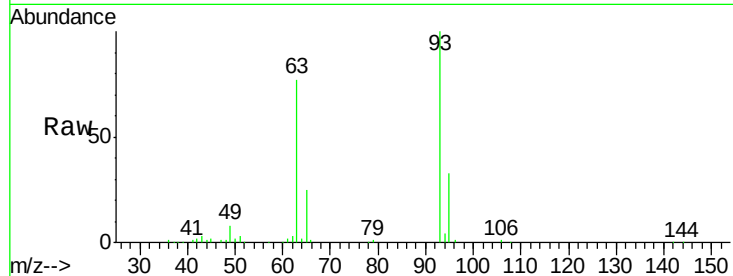
#11
bis(2-Chloroethyl)ether
Concen: 42.410 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	109807		
63	77.5	58.6	98.6	
95	32.8	11.8	51.8	

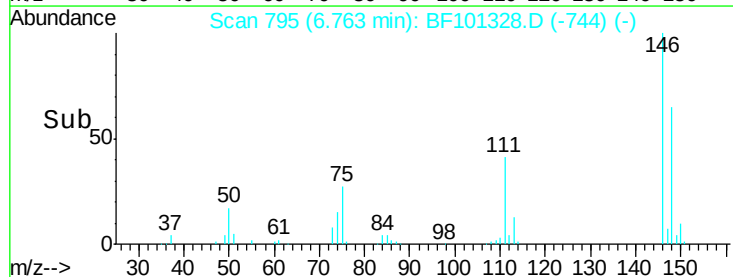
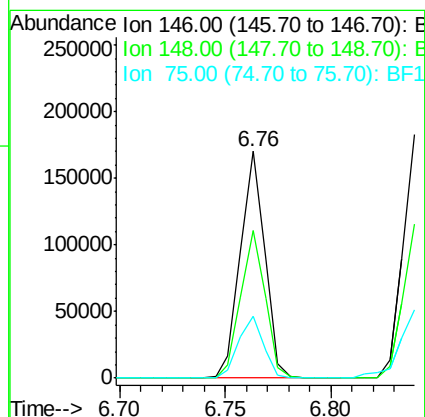
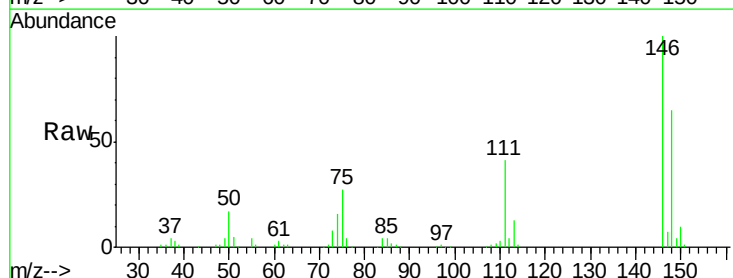
Manual Integrations
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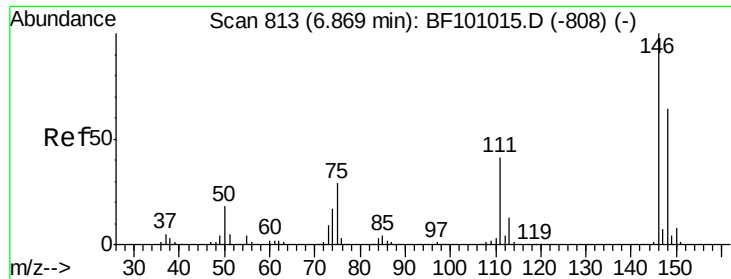
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.055 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136524		
148	65.0	51.8	77.8	
75	27.2	24.2	36.4	





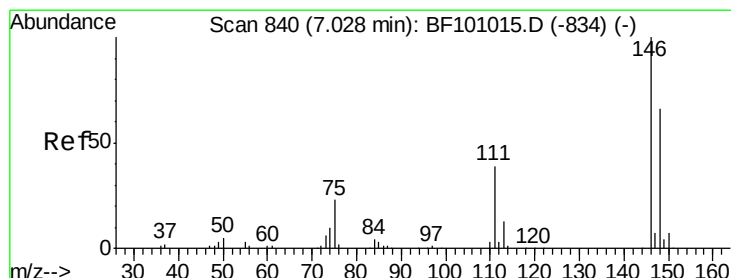
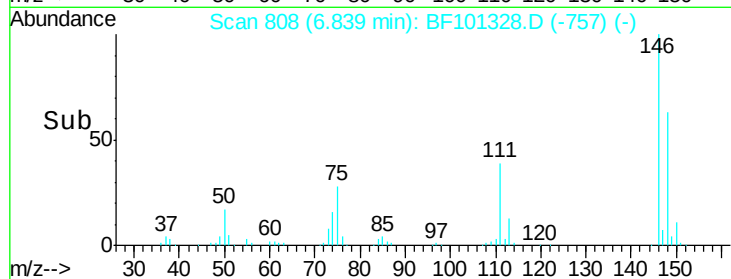
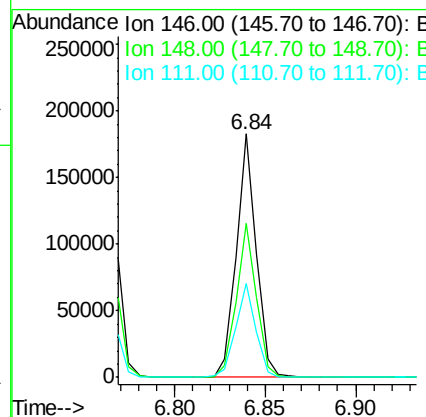
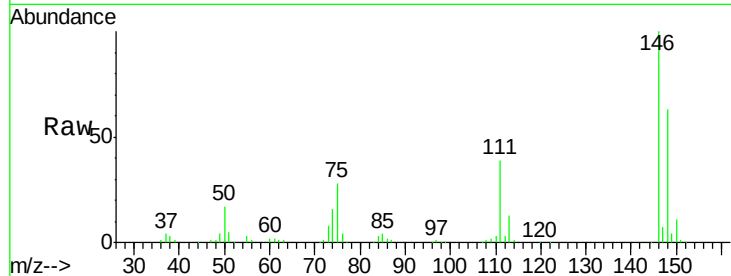
#13
 1,4-Dichlorobenzene
 Concen: 41.557 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	38.6	34.2	51.2

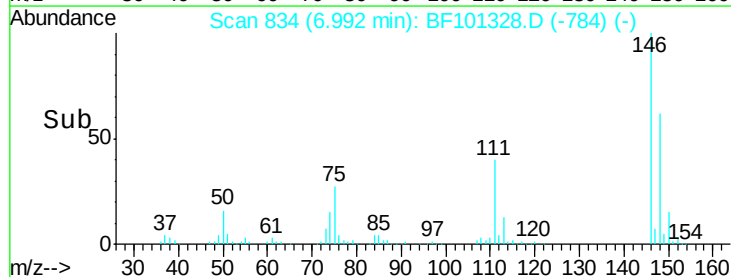
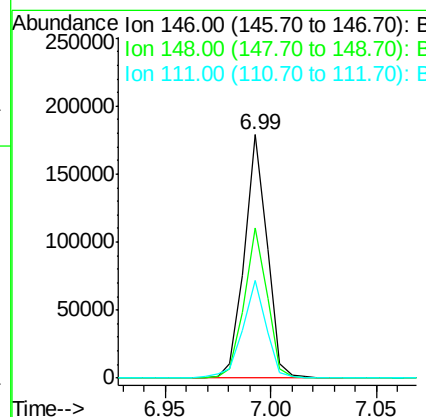
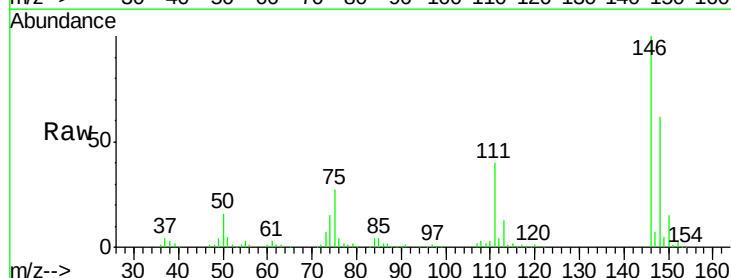
Manual Integrations
 APPROVED

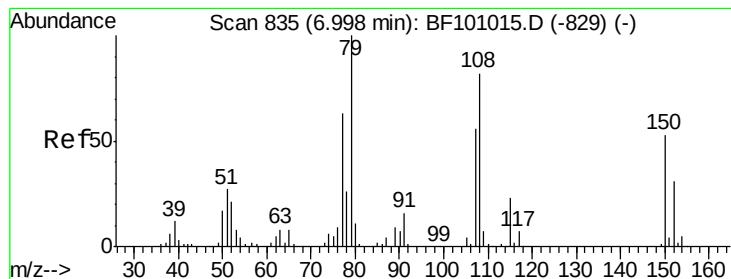
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 42.138 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.6	75.8
111	40.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.504 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

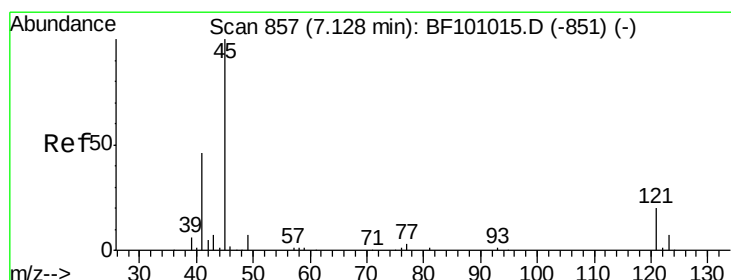
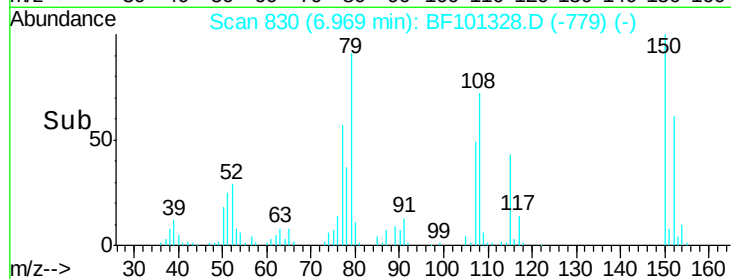
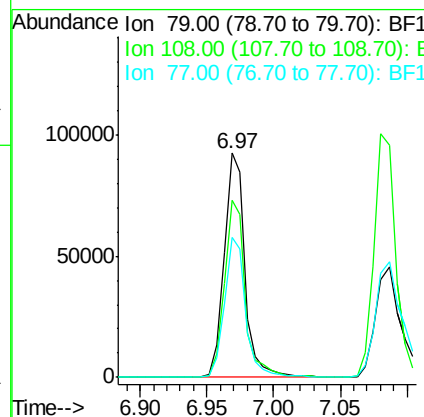
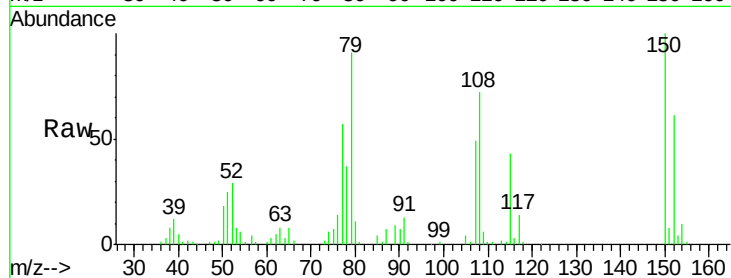
ClientSampled :

PB104934BS

Tot Ion:	79	Resp:	101910
Ion Ratio	Lower	Upper	
79	100		
108	78.9	65.1	97.7
77	62.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.062 ng

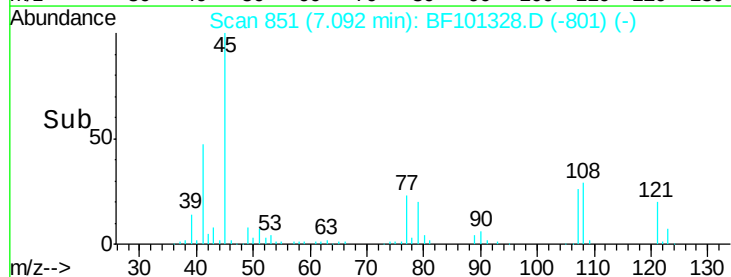
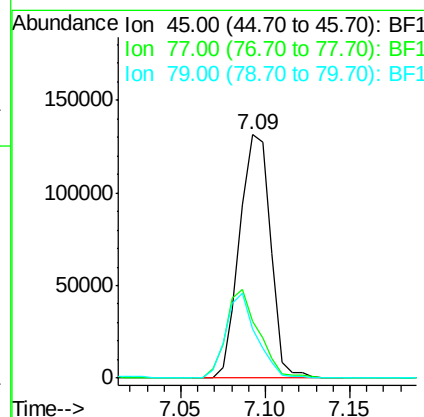
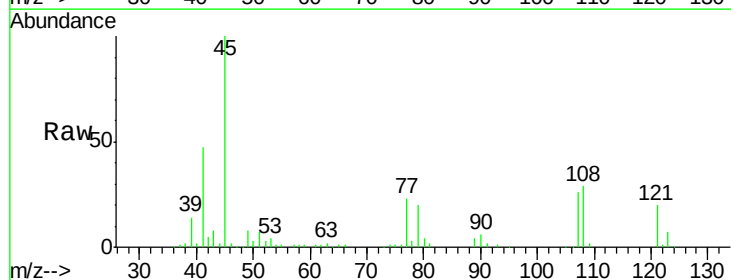
RT: 7.09 min Scan# 851

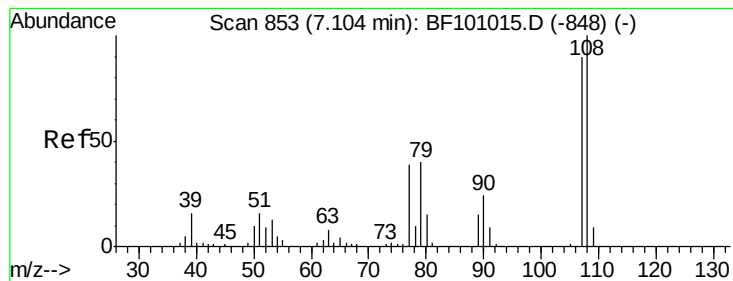
Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	45	Resp:	169151
Ion Ratio	Lower	Upper	
45	100		
77	23.2	0.0	32.9
79	20.3	0.0	29.6





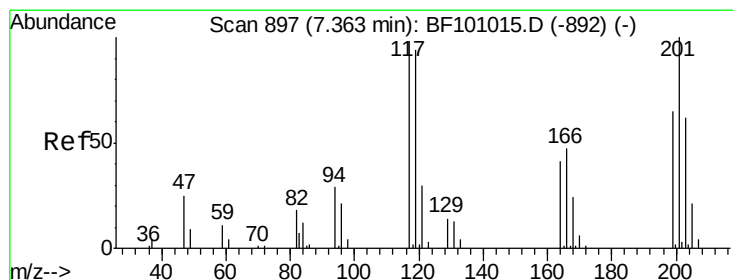
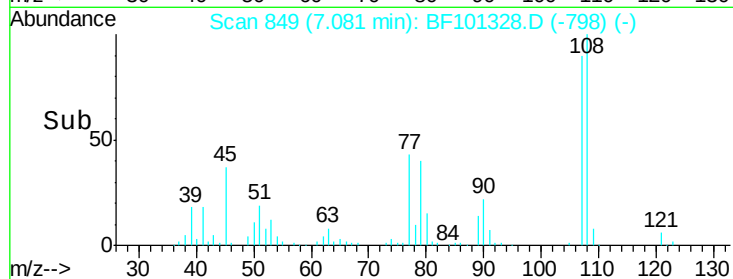
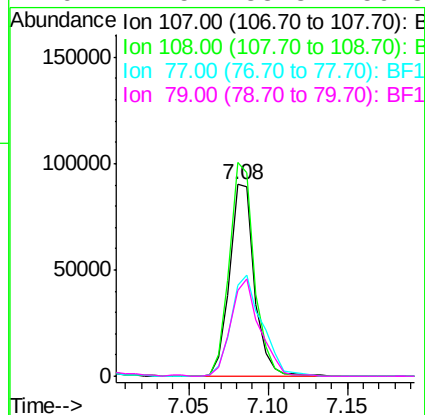
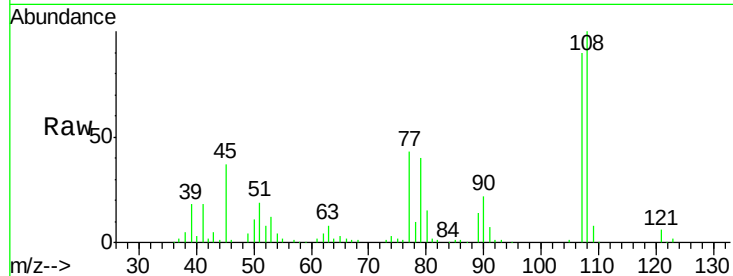
#17
2-Methylphenol
Concen: 43.871 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	107	Resp	98762
Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	47.4	33.8	50.8
79	44.5	33.8	50.8

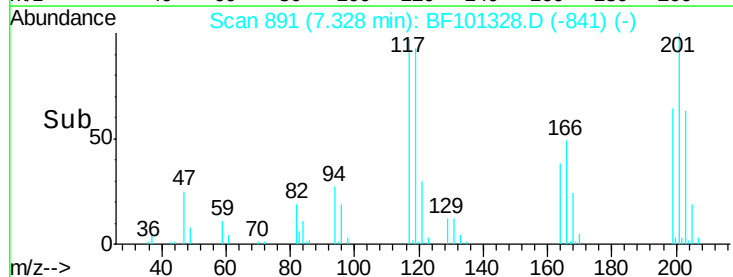
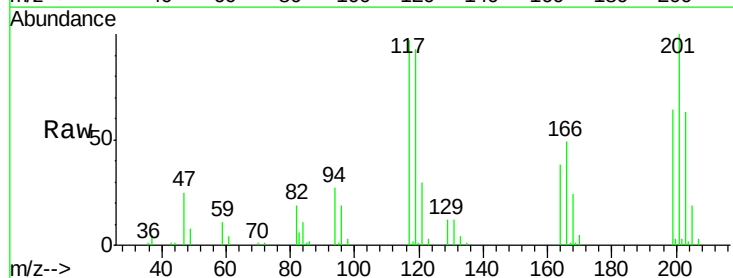
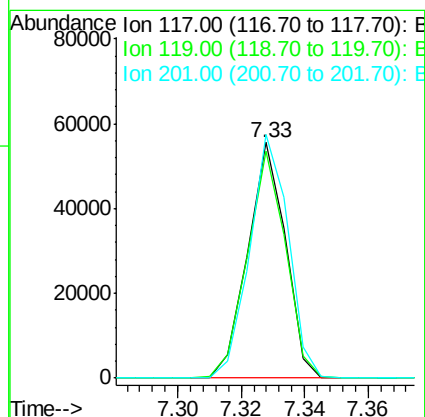
Manual Integrations
APPROVED

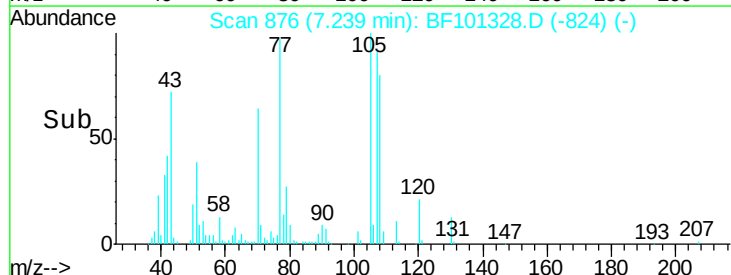
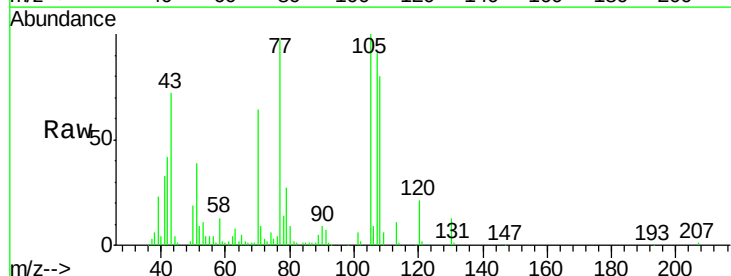
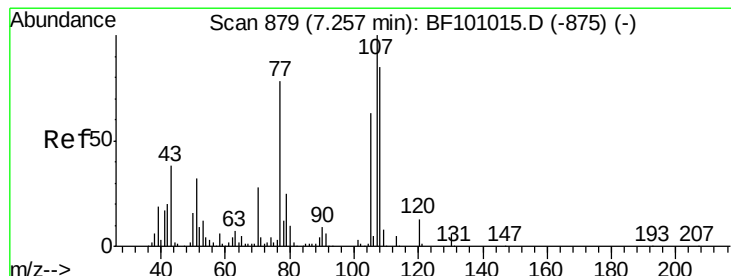
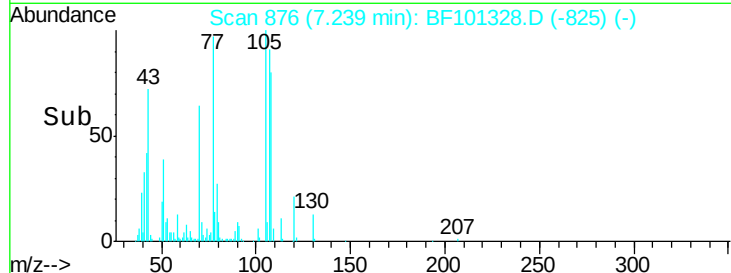
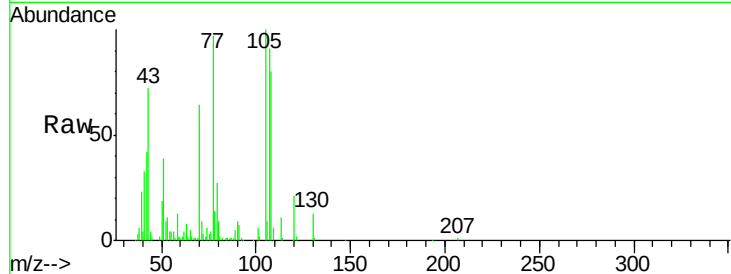
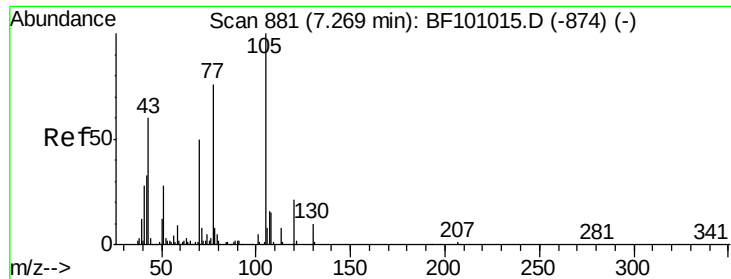
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#18
Hexachloroethane
Concen: 42.420 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	117	Resp	45805
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	103.3	75.7	113.5





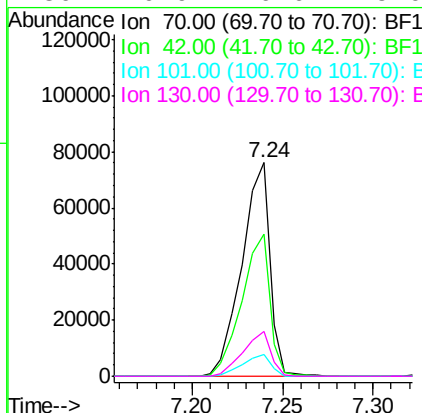
#19
n-Nitroso-di-n-propylamine
Concen: 39.172 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.5	47.5	71.3
101	10.1	7.4	11.2
130	20.9	16.6	25.0

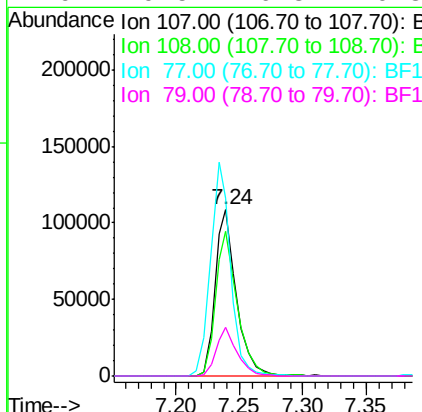
Manual Integrations
APPROVED

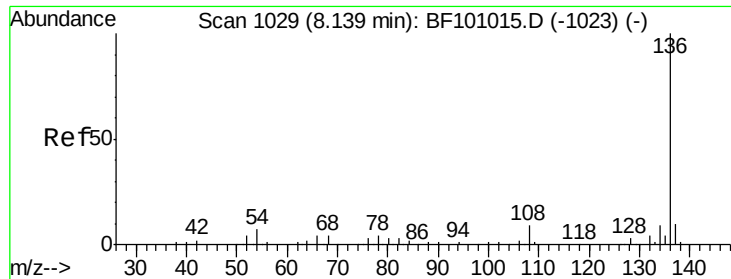
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#20
3+4-Methylphenols
Concen: 43.504 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	107.1	26.7	66.7#
79	29.5	6.3	46.3





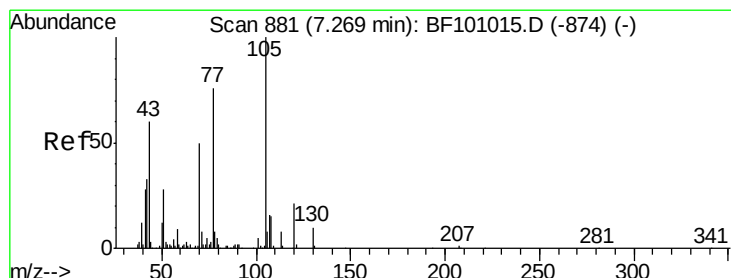
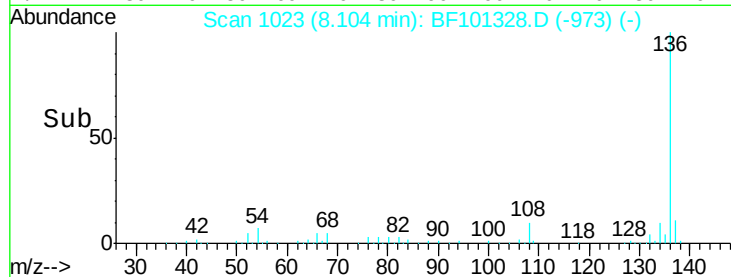
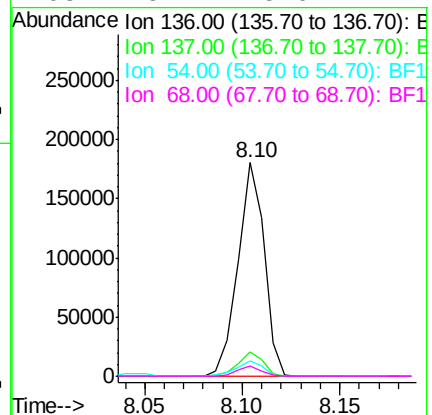
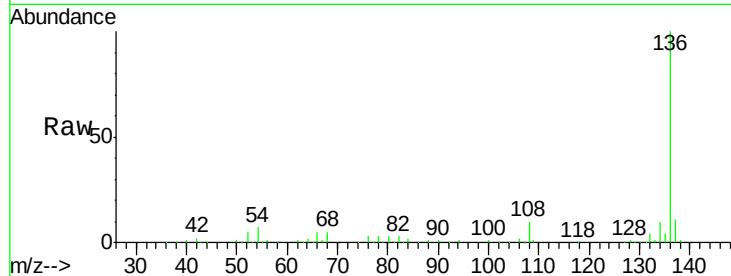
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampled :
PB104934BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		168781		
137	11.2		8.9	13.3	
54	7.5		6.6	9.8	
68	5.1		5.0	7.4	

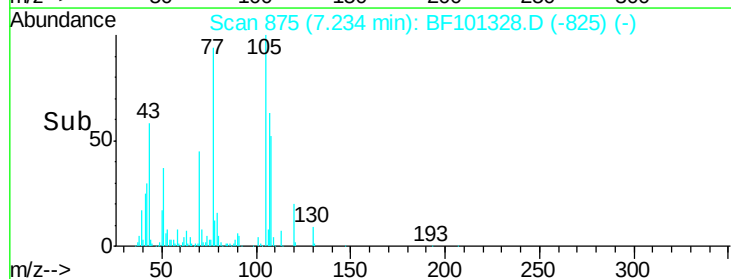
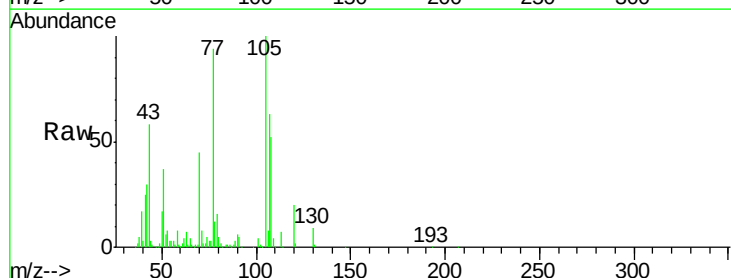
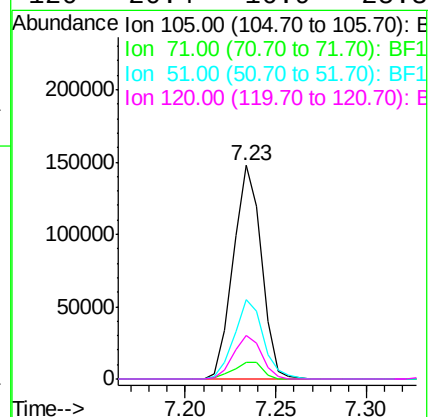
Manual Integrations
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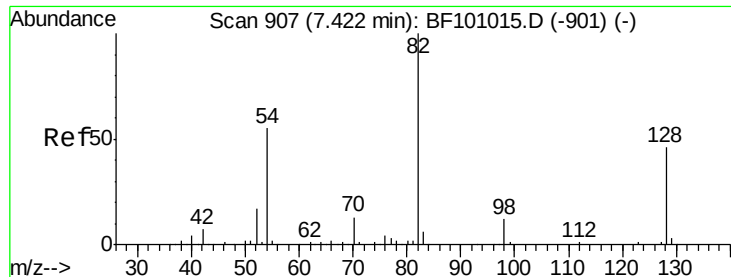
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#22
Acetophenone
Concen: 39.187 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		159793		
71	7.7		4.4	6.6#	
51	37.0		22.3	33.5#	
120	20.4		16.9	25.3	





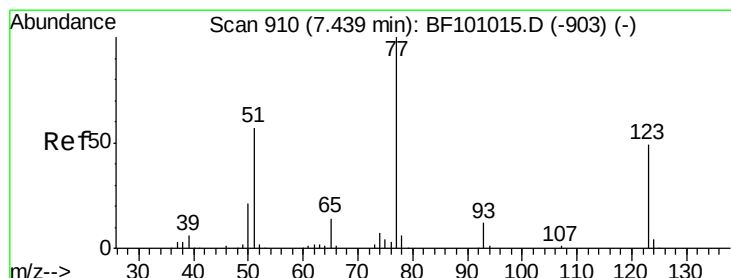
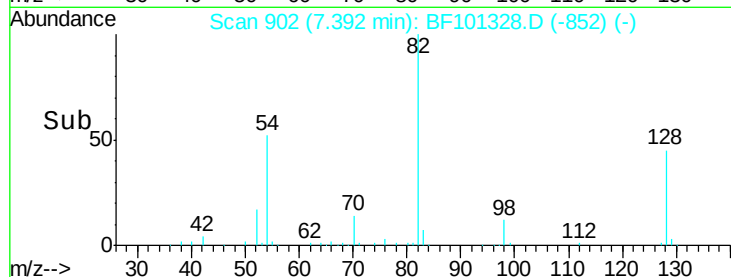
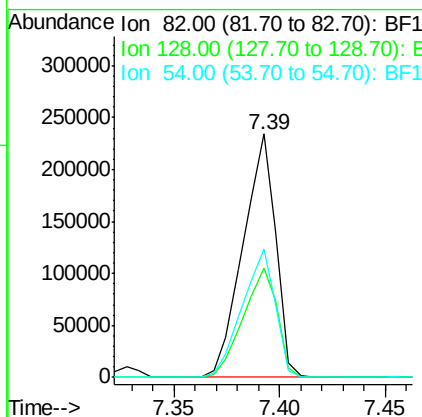
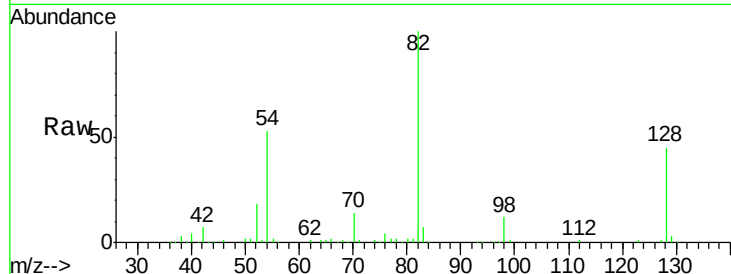
#23
Nitrobenzene-d5
Concen: 88.788 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	251215		
128	44.9	36.1	54.1	
54	52.6	41.4	62.2	

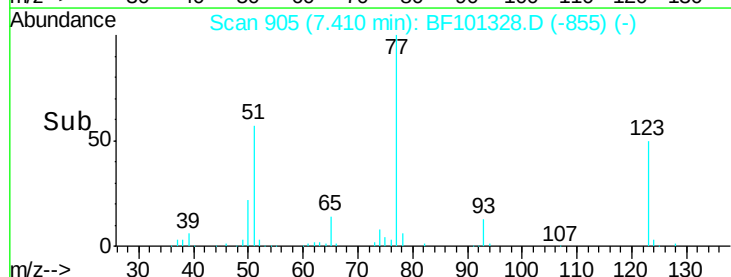
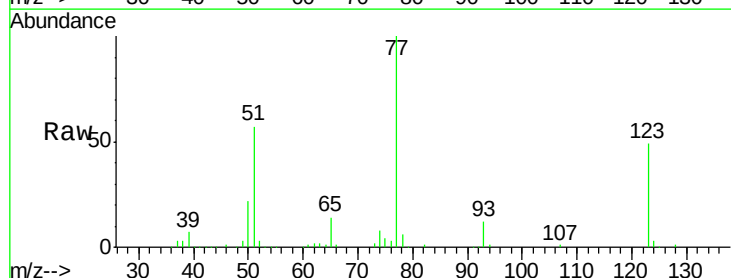
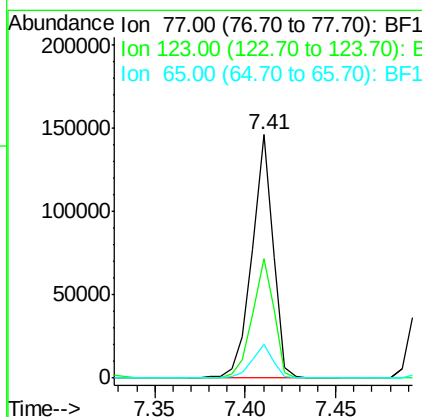
Manual Integrations
APPROVED

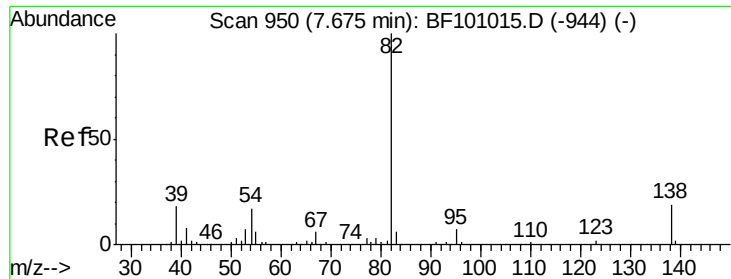
Sohil
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#24
Nitrobenzene
Concen: 42.842 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	118801		
123	49.3	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 45.976 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

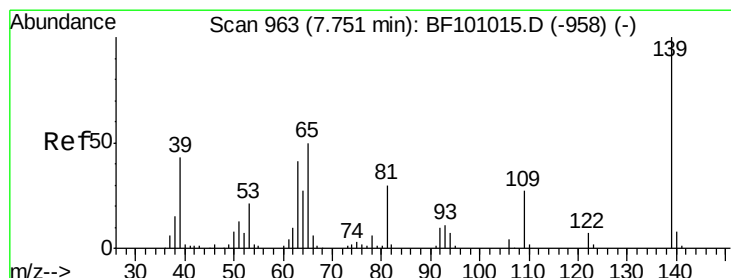
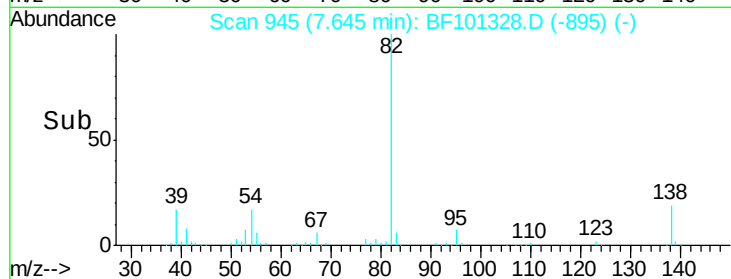
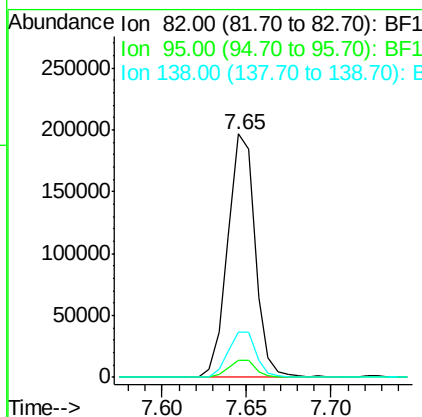
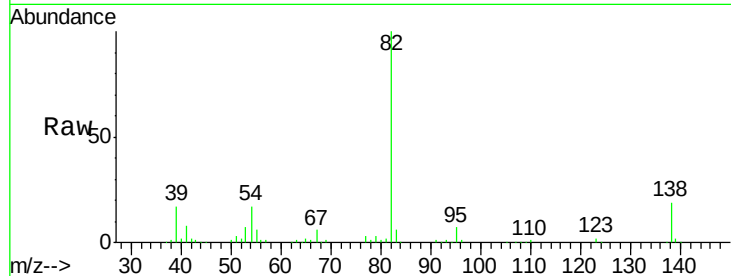
ClientSampled :

PB104934BS

Tot Ion:	82	Resp:	222196
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.145 ng

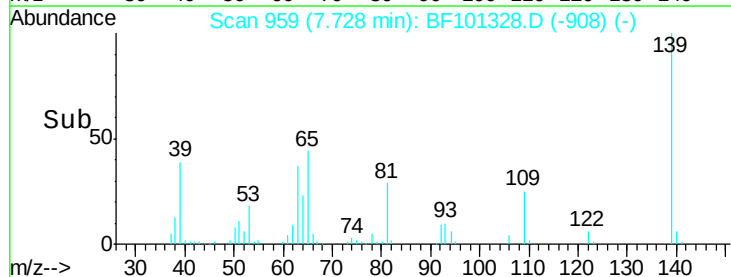
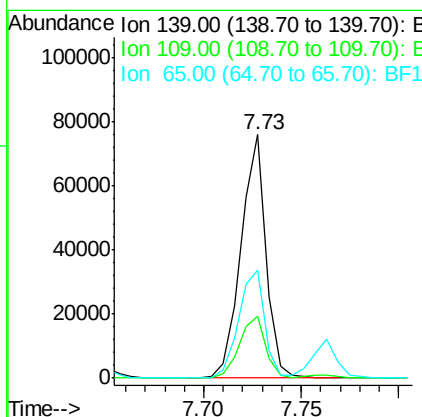
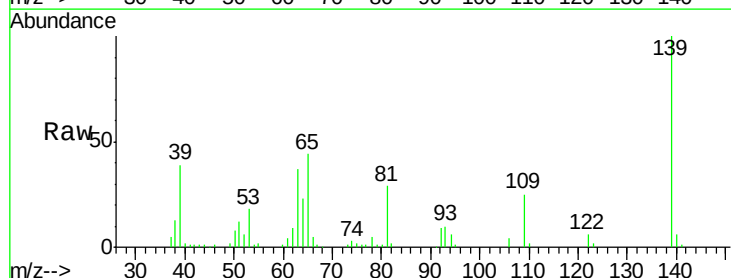
RT: 7.73 min Scan# 959

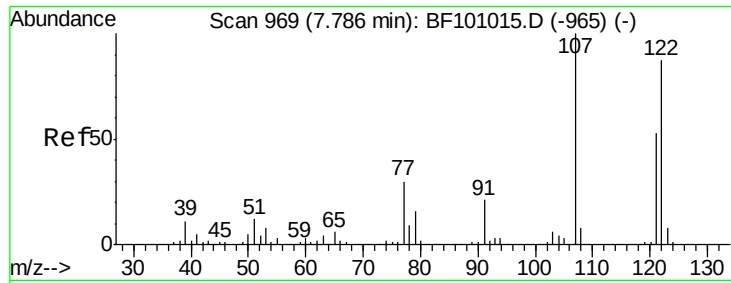
Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	139	Resp:	67200
Ion Ratio		Lower	Upper
139	100		
109	25.2	22.7	34.1
65	44.3	40.5	60.7





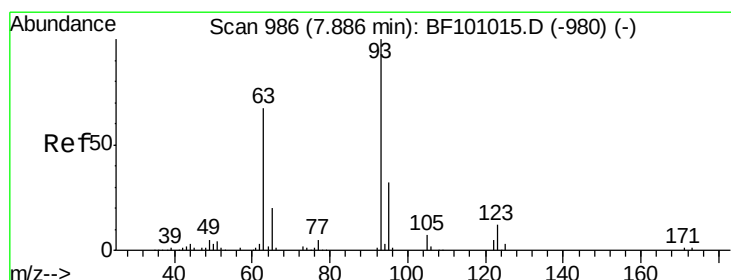
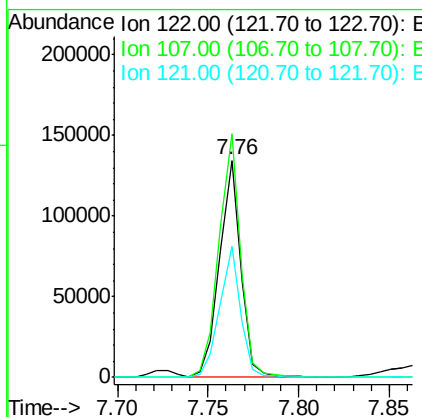
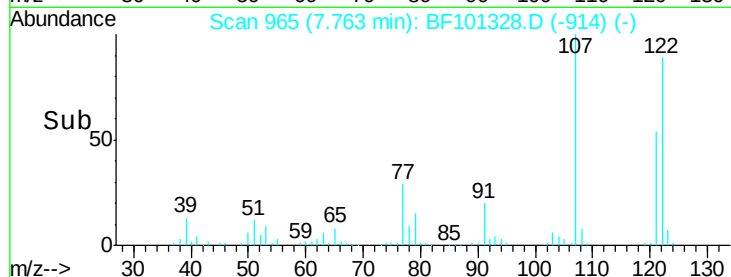
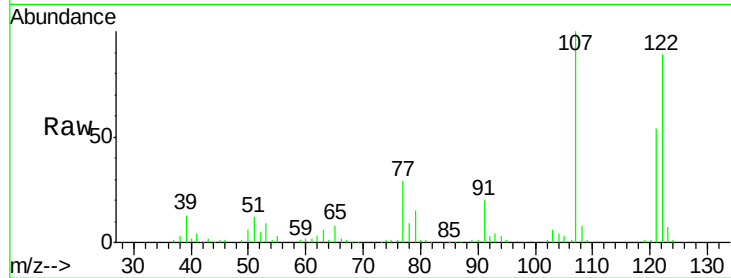
#27
2,4-Dimethylphenol
Concen: 50.300 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	112.1	91.2	110765	136.8	
121	60.2	47.2		70.8	

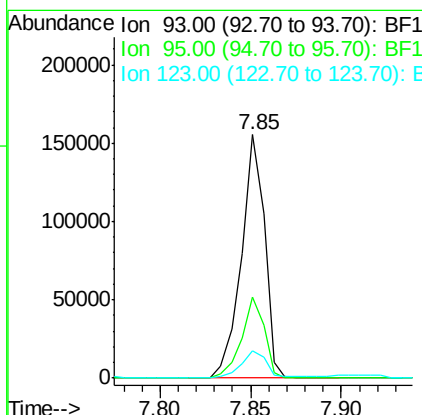
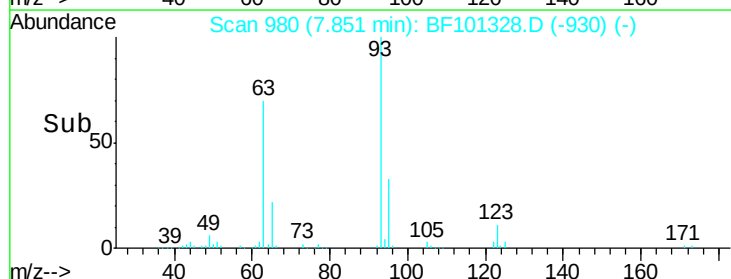
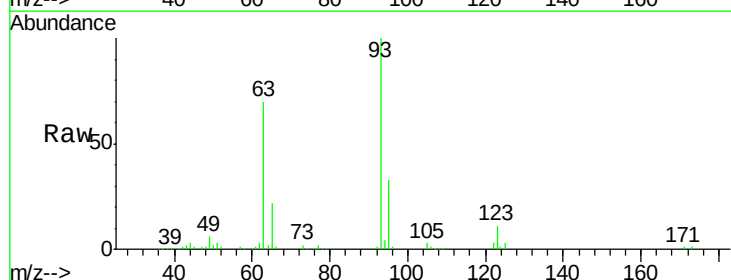
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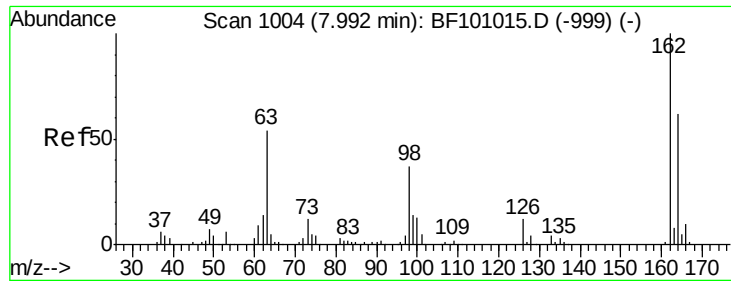
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 42.525 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.4	26.3	138130	39.5	
123	11.4	9.8		14.6	





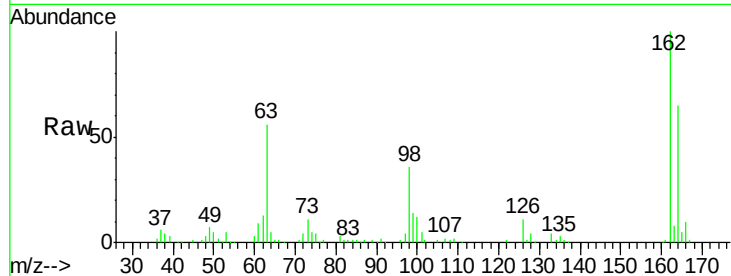
#29
2,4-Dichlorophenol
Concen: 46.015 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

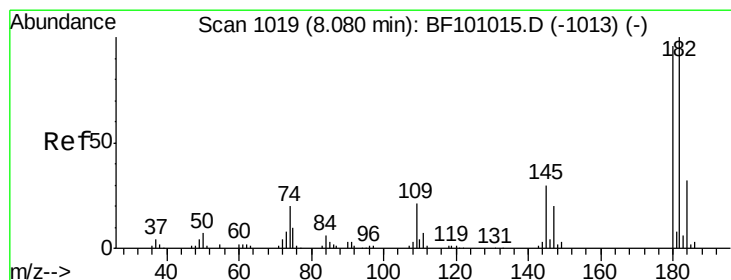
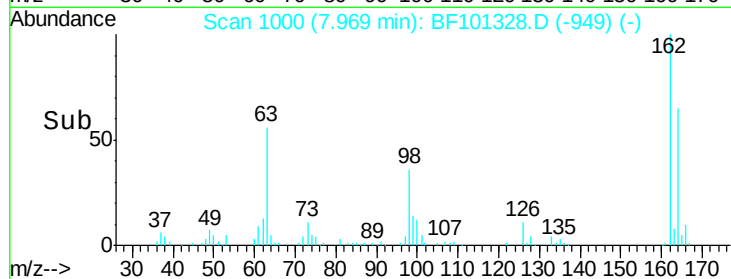
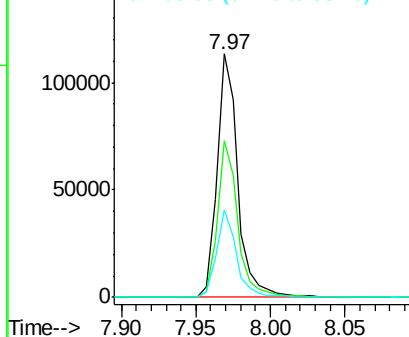
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	42.7	82.7
98	35.7	18.1	58.1

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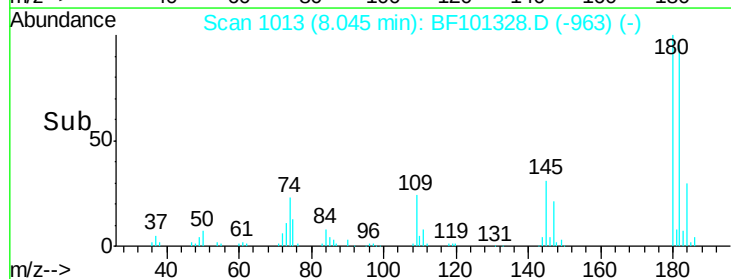
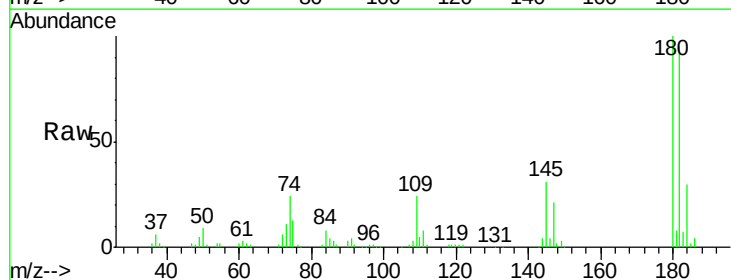
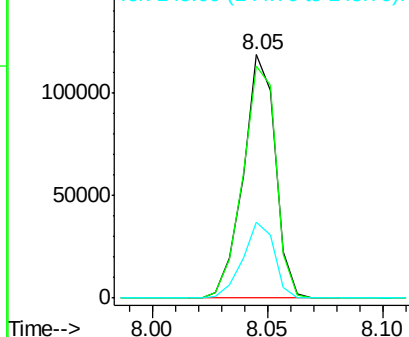
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

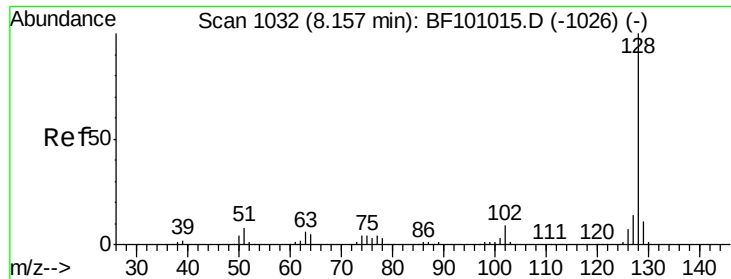


#30
1,2,4-Trichlorobenzene
Concen: 43.707 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	76.8	115.2
145	31.0	26.5	39.7

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





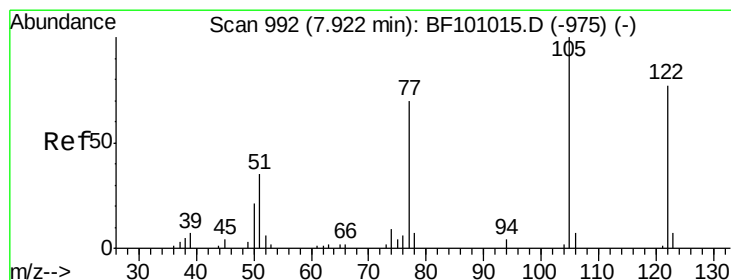
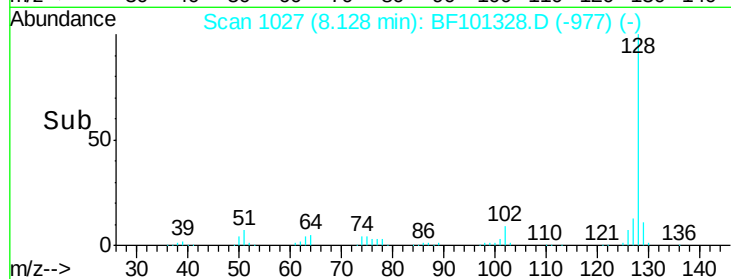
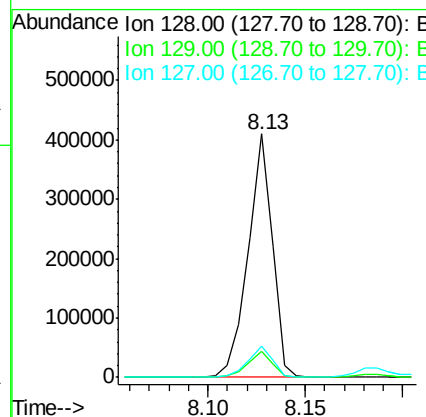
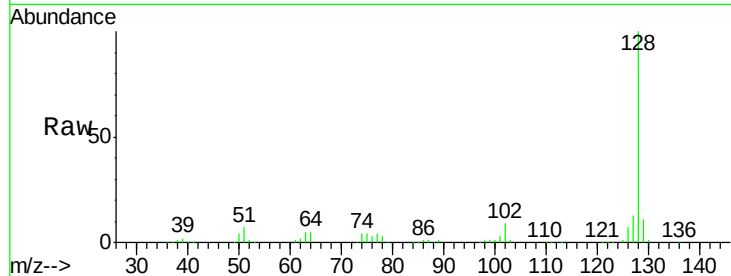
#31
Naphthalene
Concen: 42.475 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	353324		
129	10.7		8.8	13.2
127	12.7		10.9	16.3

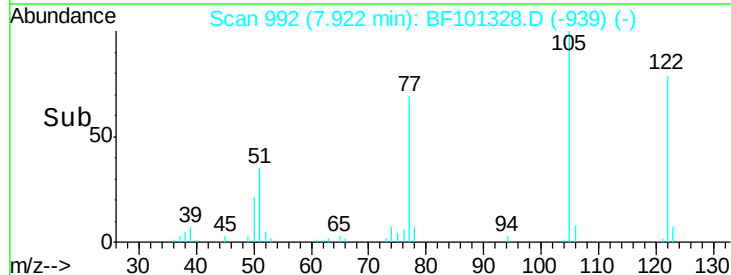
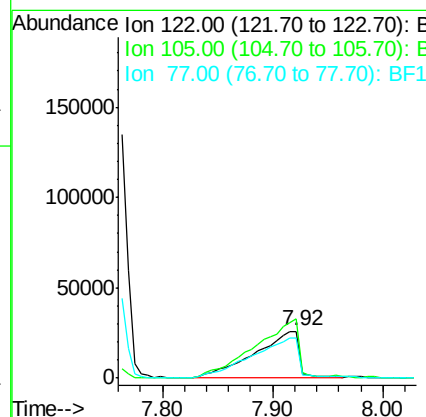
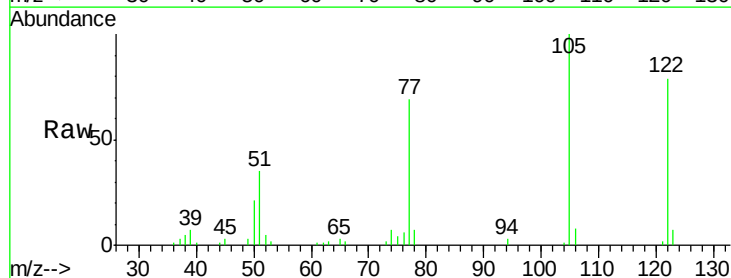
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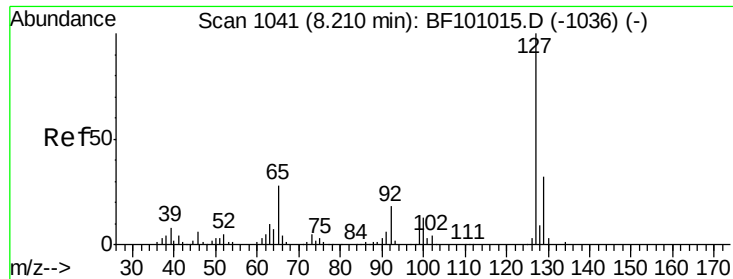
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#32
Benzoic acid
Concen: 43.164 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	73927		
105	126.2		101.1	141.1
77	86.4		70.7	110.7





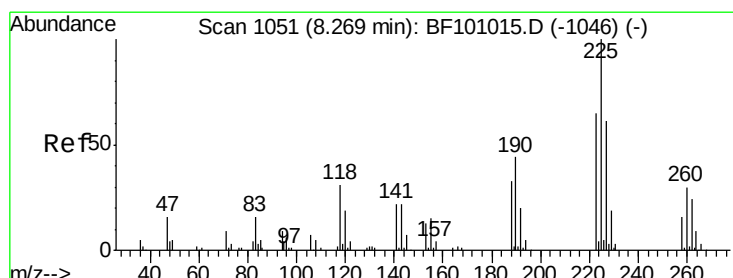
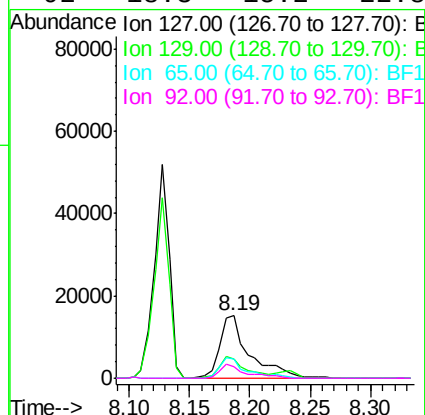
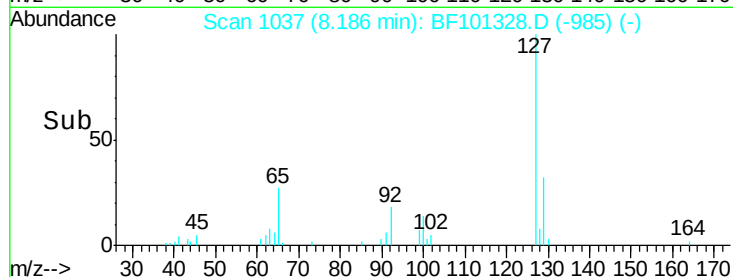
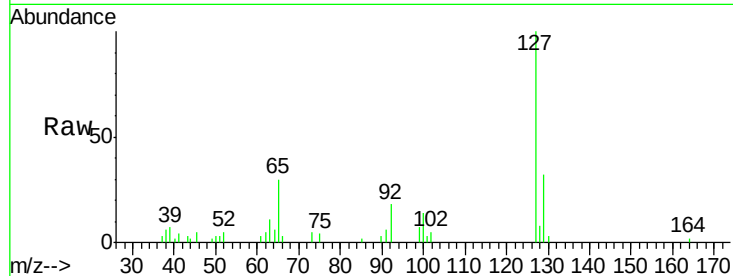
#33
4-Chloroaniline
Concen: 7.751 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	30.0	25.0	37.4	
92	18.3	15.2	22.8	

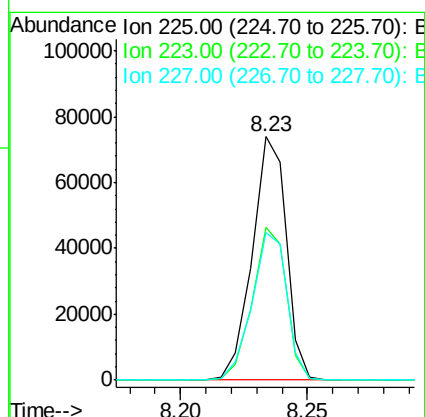
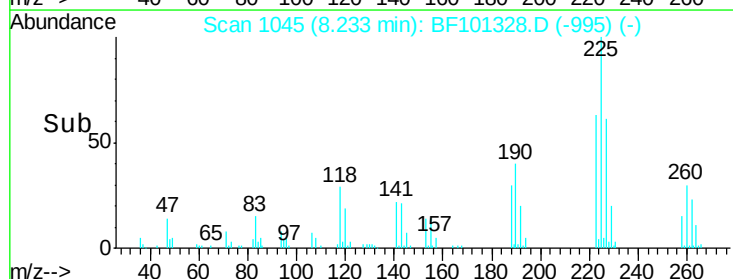
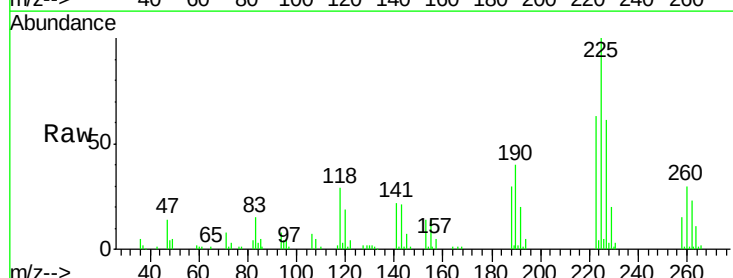
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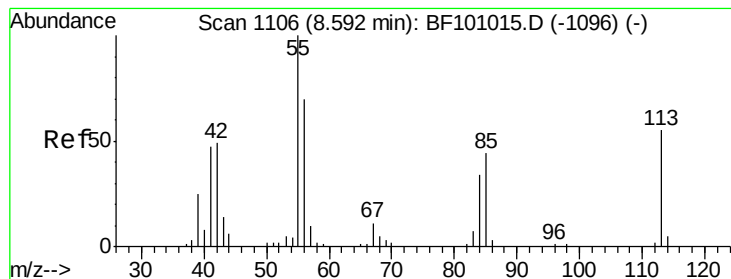
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#34
Hexachlorobutadiene
Concen: 42.886 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.6	76.0	
227	60.8	51.9	77.9	





#35

Caprolactam

Concen: 44.027 ng/ml

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

ClientSampleID :

PB104934BS

Tot Ion:113 Resp: 32888

Ion Ratio Lower Upper

113 100

55 181.2 163.3 203.3

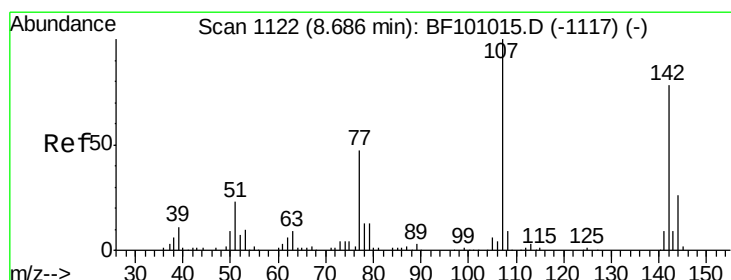
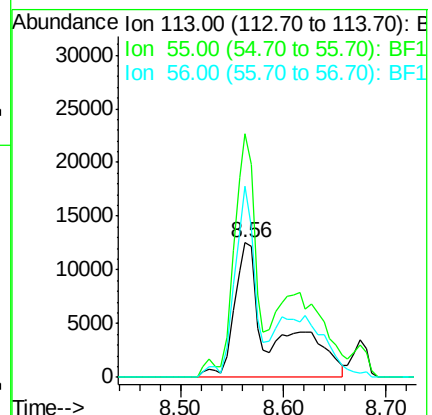
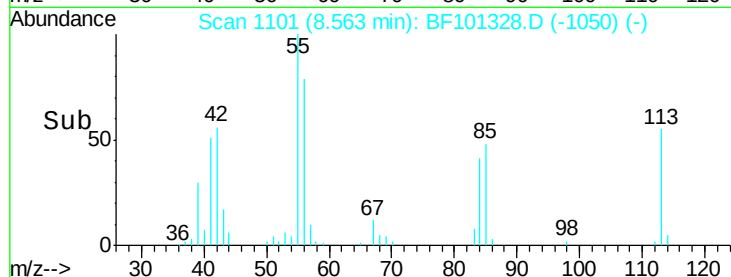
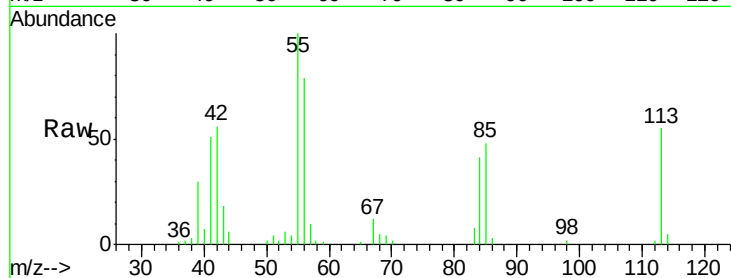
56 142.4 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 45.073 ng/ml

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

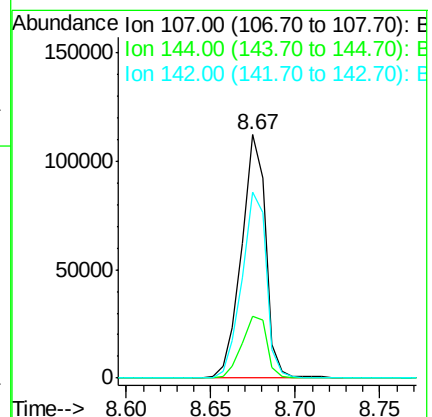
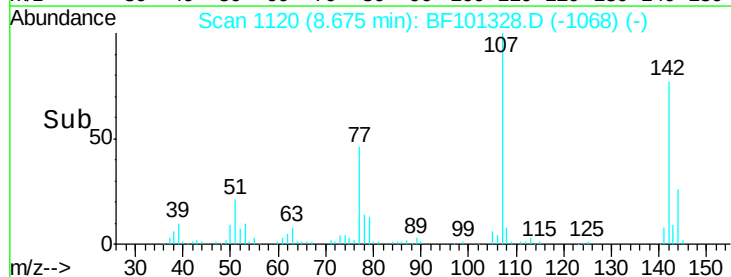
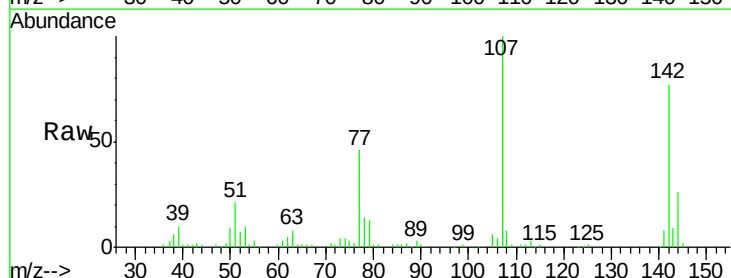
Tgt Ion:107 Resp: 111912

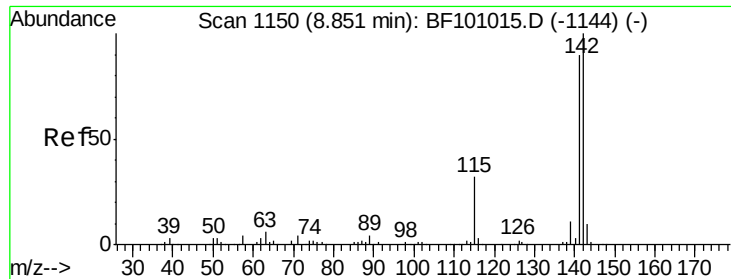
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 76.6 62.0 93.0





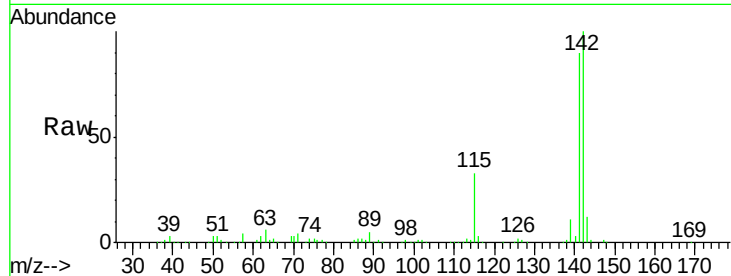
#37
2-Methylnaphthalene
Concen: 42.919 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	32.9	26.1	39.1

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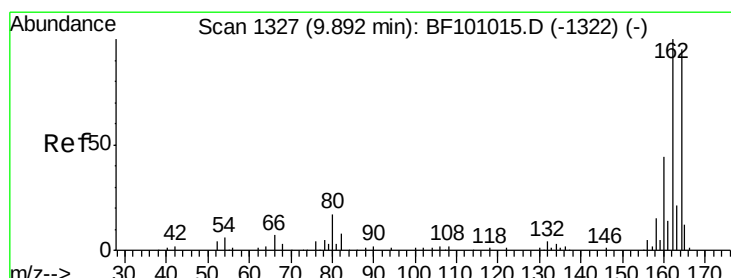
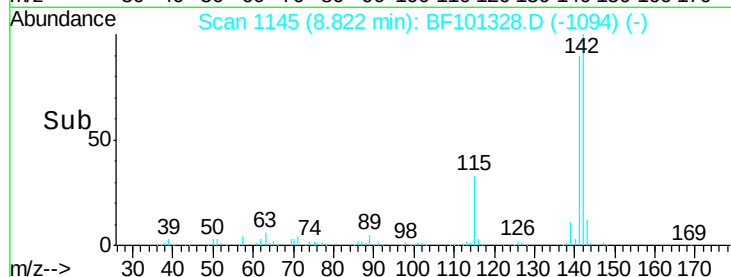
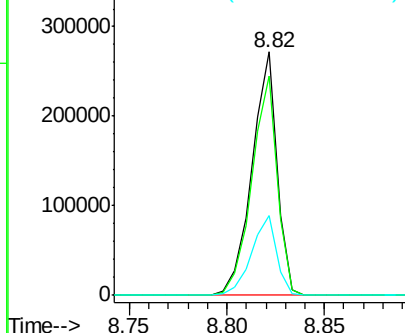


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

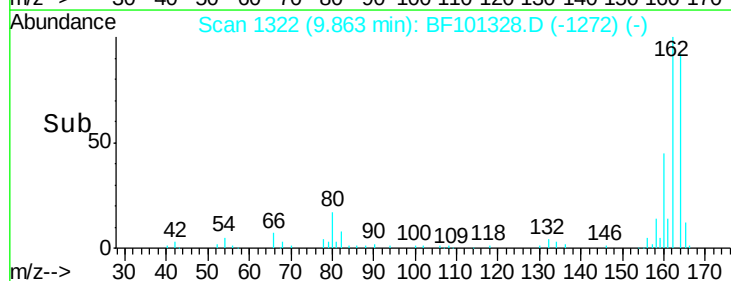
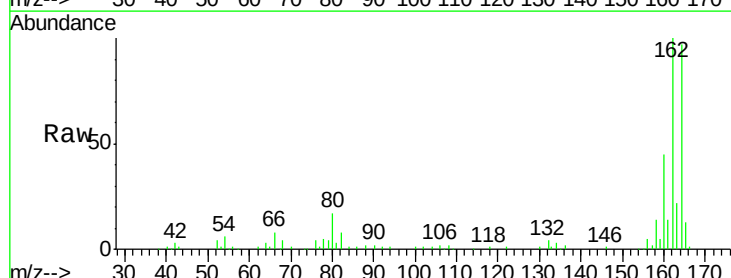
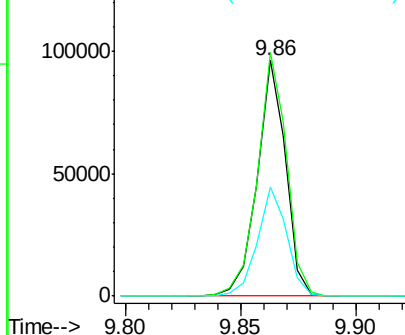
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.5	38.3	57.5

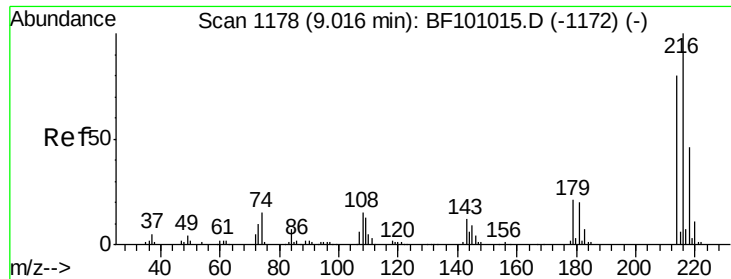
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





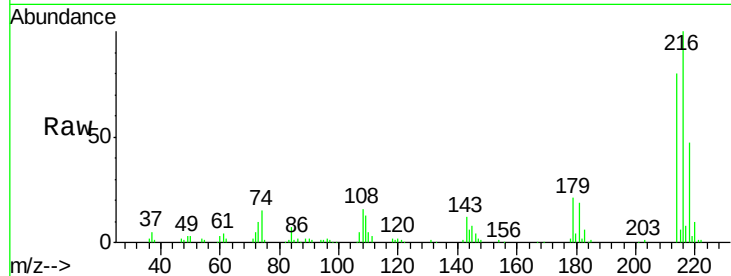
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.462 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

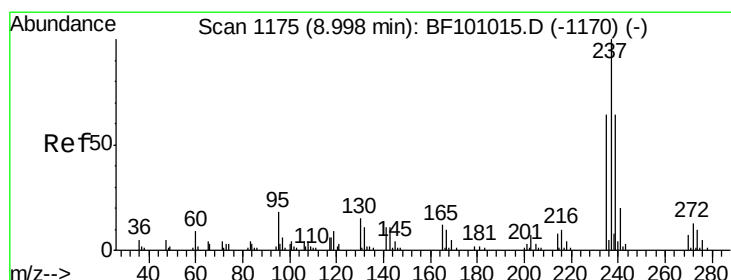
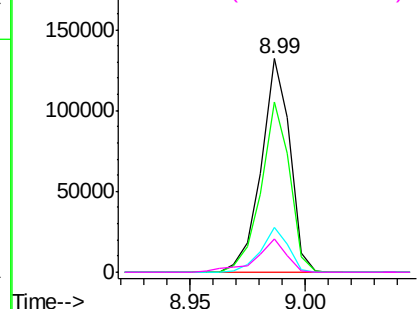
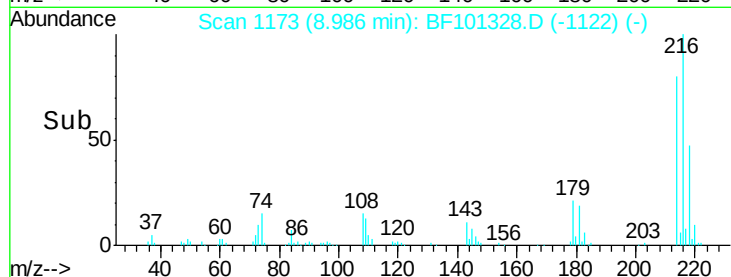
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.3	18.1	27.1
108	16.6	17.2	25.8

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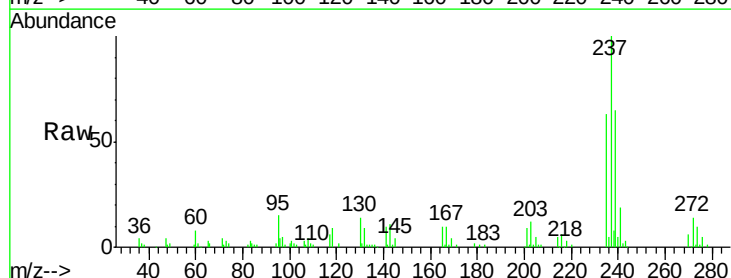


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

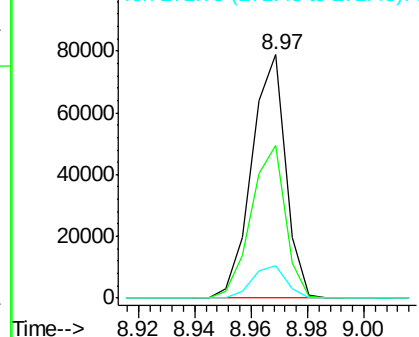
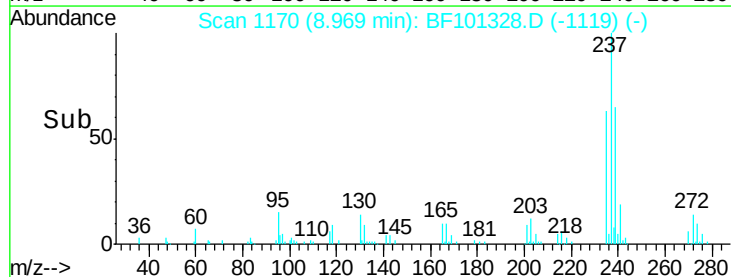


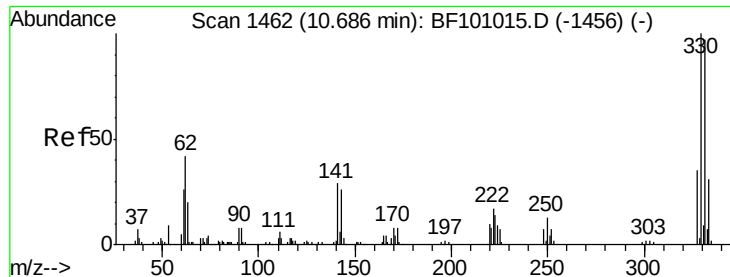
#40
 Hexachlorocyclopentadiene
 Concen: 62.305 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	44.8	84.8
272	13.5	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: 126.153 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

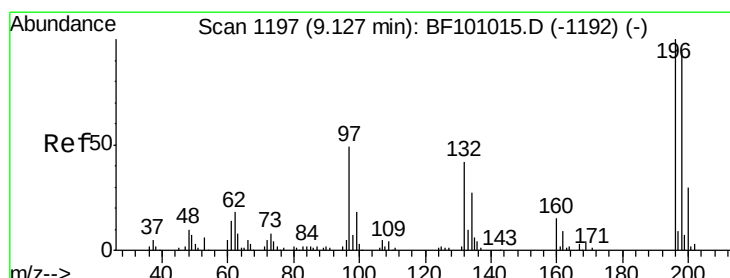
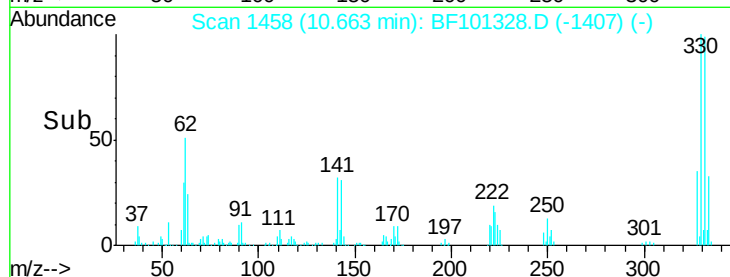
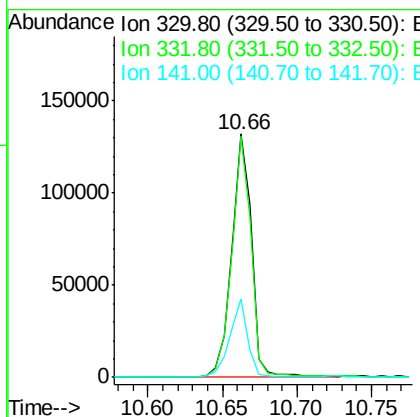
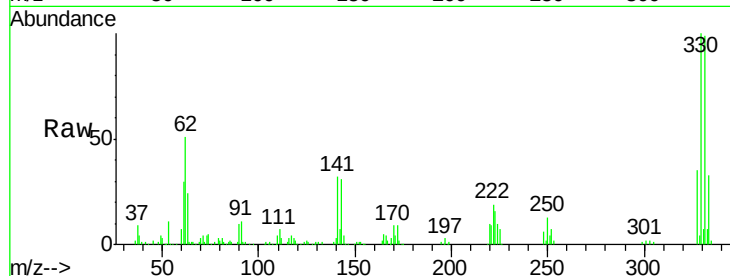
ClientSampleId :

PB104934BS

Tot Ion:	330	Resp:	124684
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	30.0	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 45.185 ng

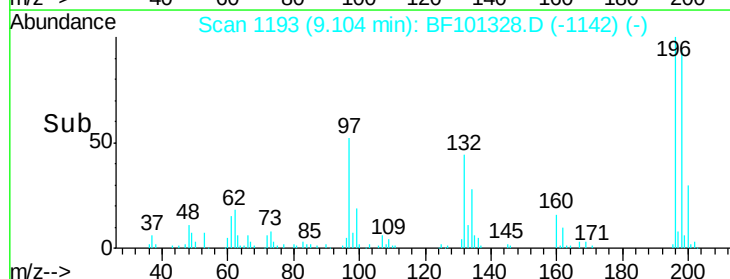
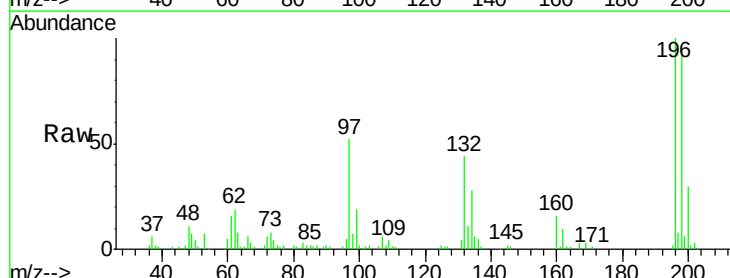
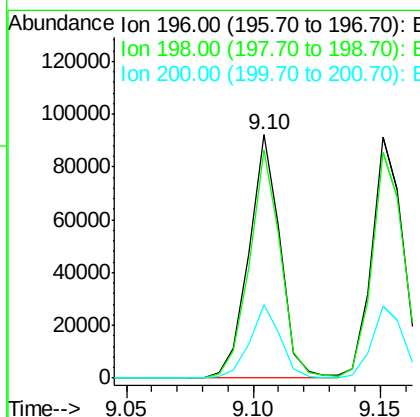
RT: 9.10 min Scan# 1193

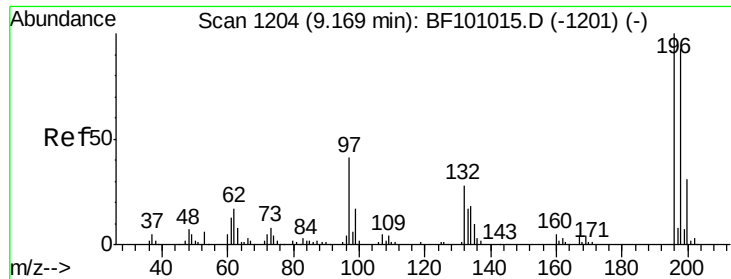
Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	196	Resp:	79169
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
200	29.9	24.5	36.7





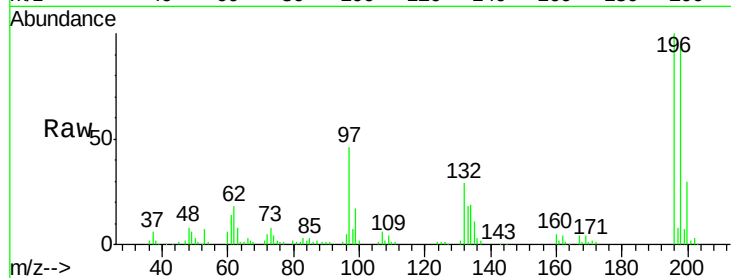
#43
 2,4,5-Trichlorophenol
 Concen: 43.792 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

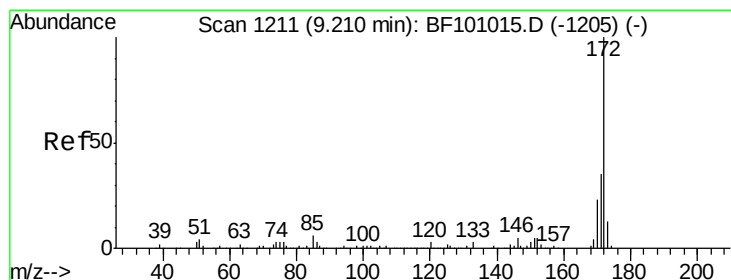
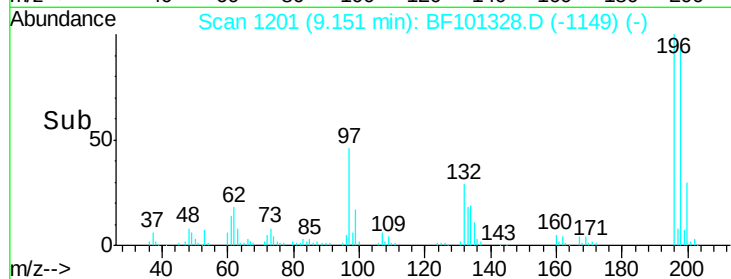
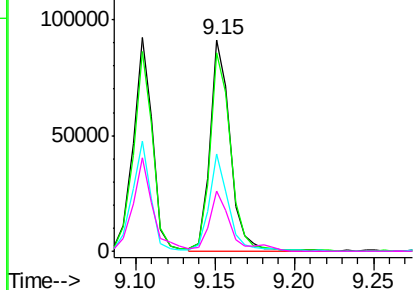
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		82028		
198	93.8	74.6	112.0		
97	46.0	42.9	64.3		
132	28.7	26.3	39.5		

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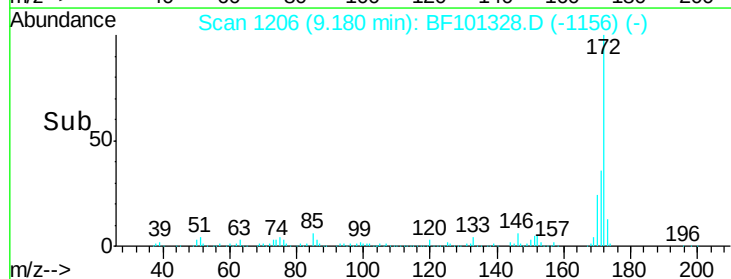
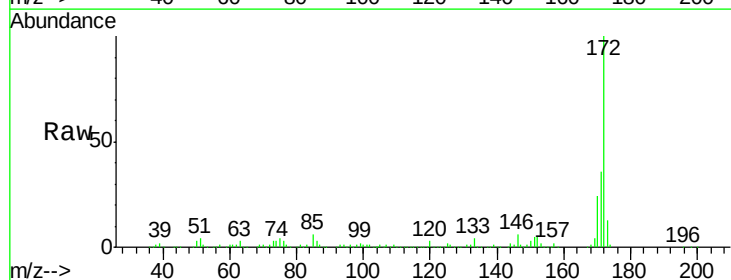
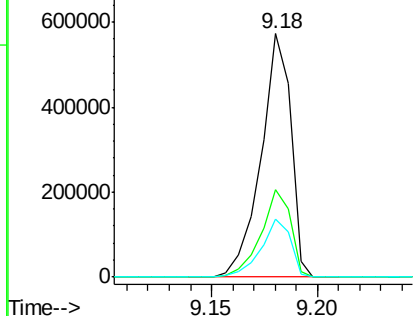
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

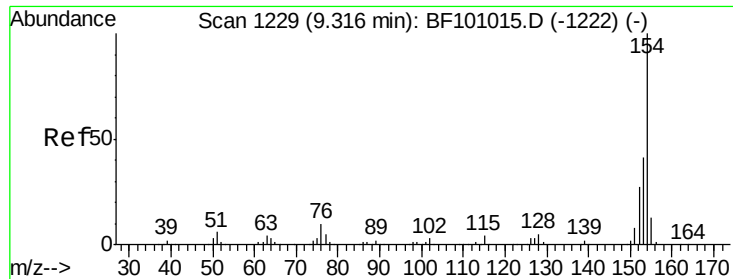


#44
 2-Fluorobiphenyl
 Concen: 93.730 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		563636		
171	36.0	29.7	44.5		
170	24.1	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





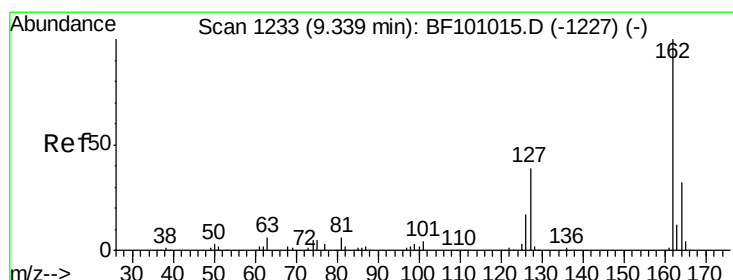
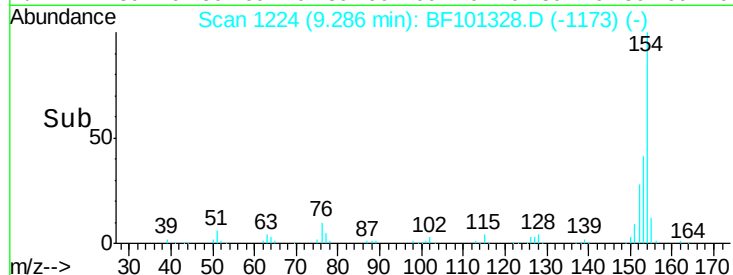
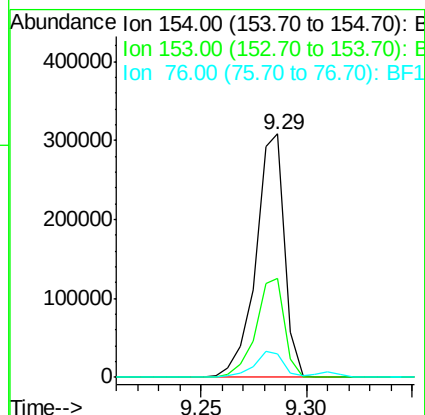
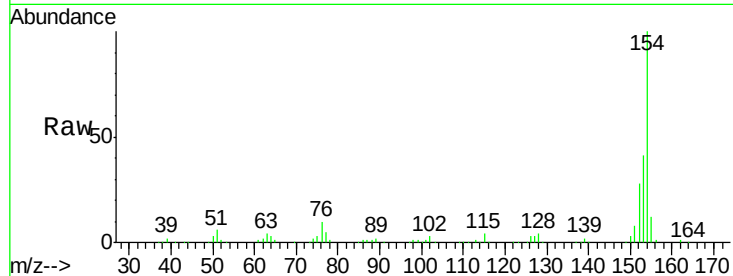
#45
1,1'-Biphenyl
Concen: 38.523 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	9.8	0.0	34.0	

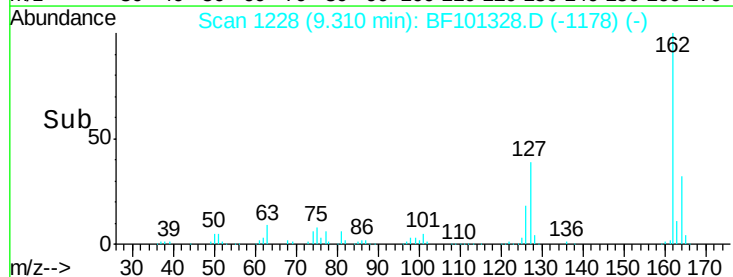
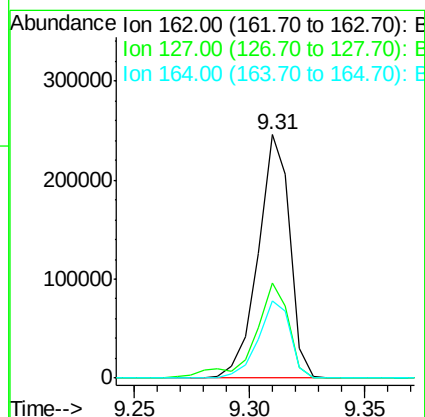
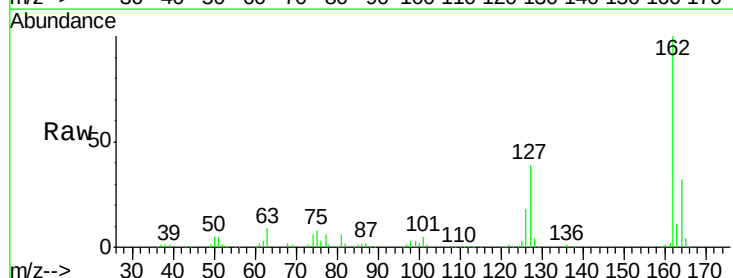
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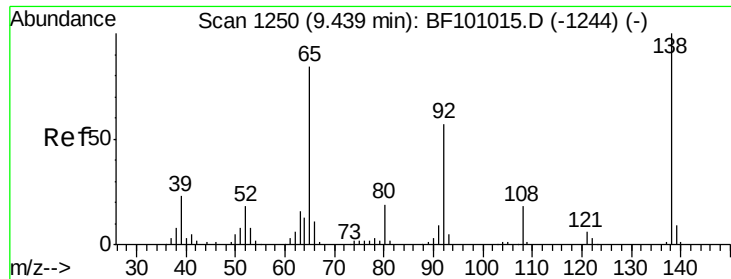
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#46
2-Chloronaphthalene
Concen: 43.840 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.3	33.9	50.9	
164	31.8	26.5	39.7	





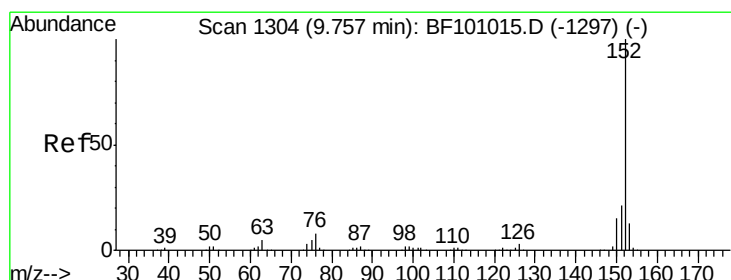
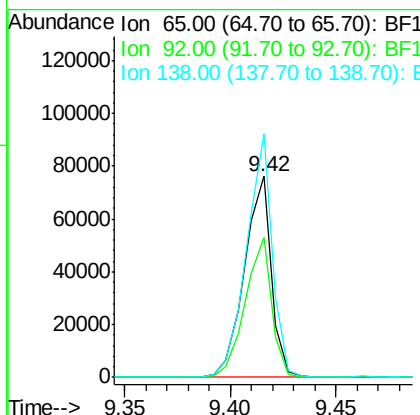
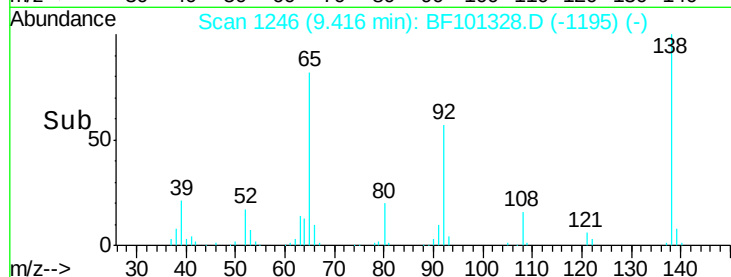
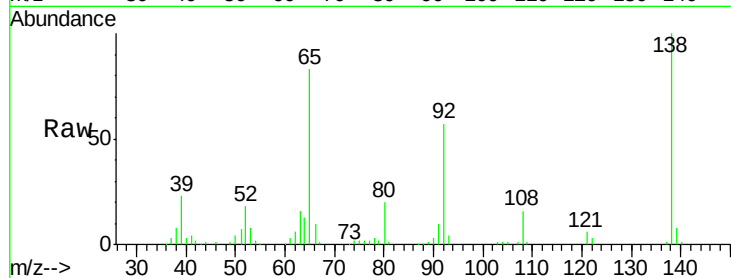
#47
 2-Nitroaniline
 Concen: 42.611 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.8	83.6
138	121.2	91.2	136.8

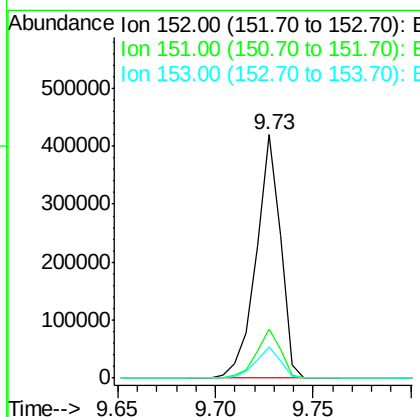
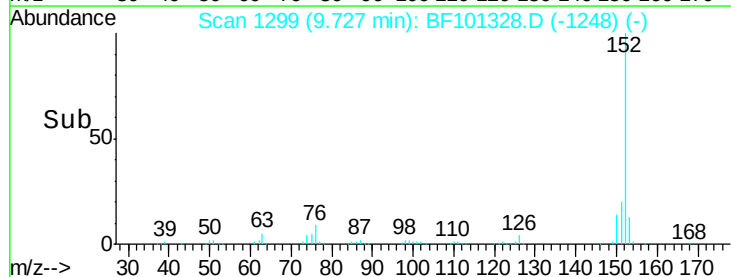
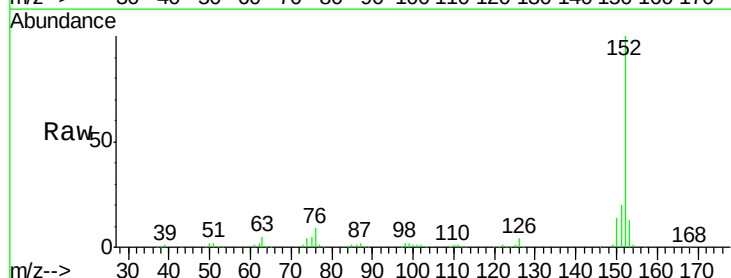
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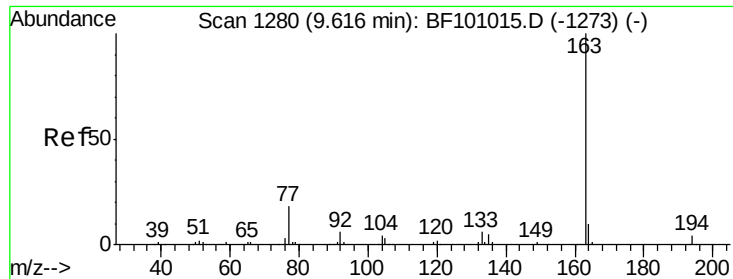
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#48
 Acenaphthylene
 Concen: 41.263 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





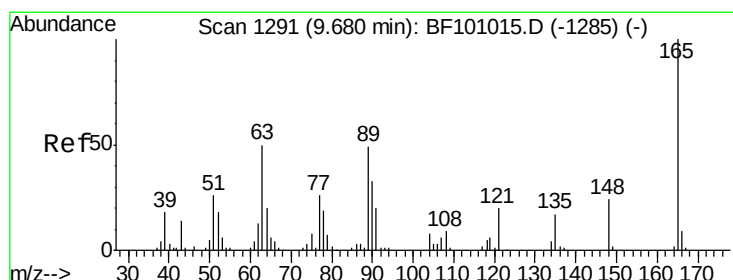
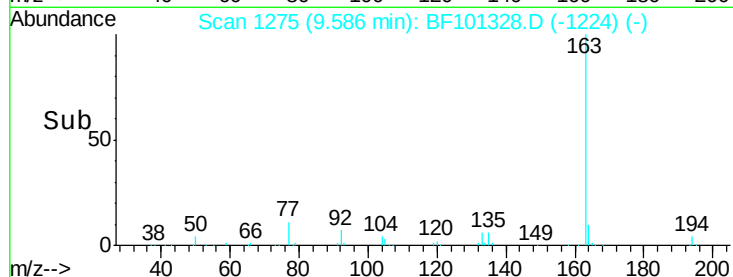
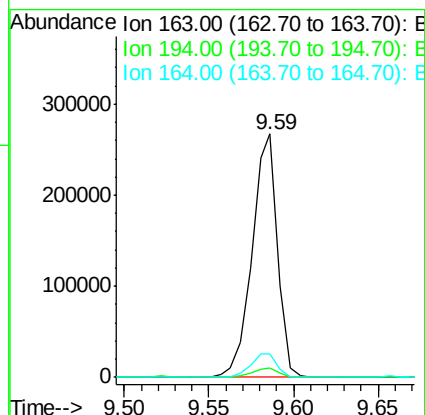
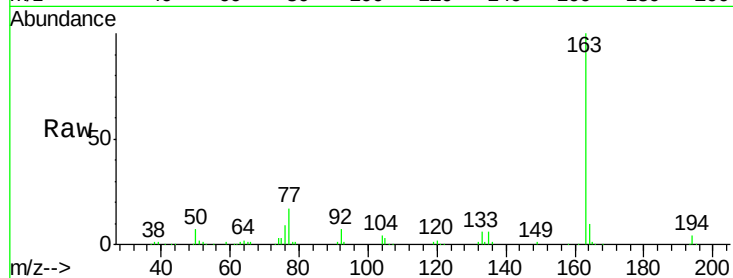
#49
Dimethylphthalate
Concen: 42.180 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.8	8.2	12.2

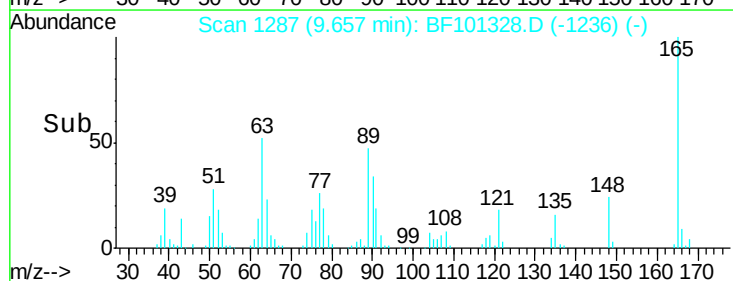
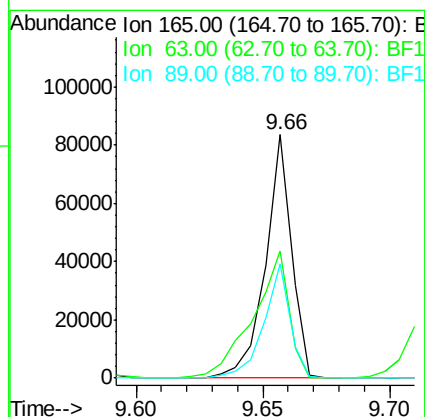
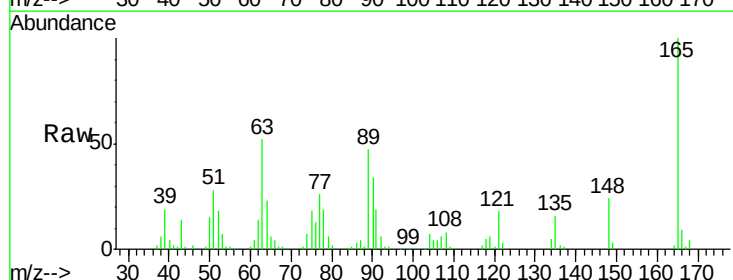
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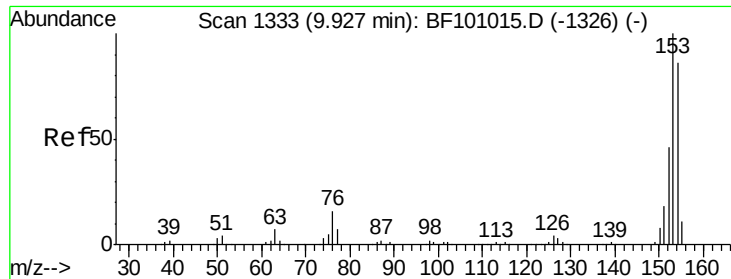
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#50
2,6-Dinitrotoluene
Concen: 43.407 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	52.0	44.7	67.1
89	46.8	44.0	66.0





#51

Acenaphthene

Concen: 41.312 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

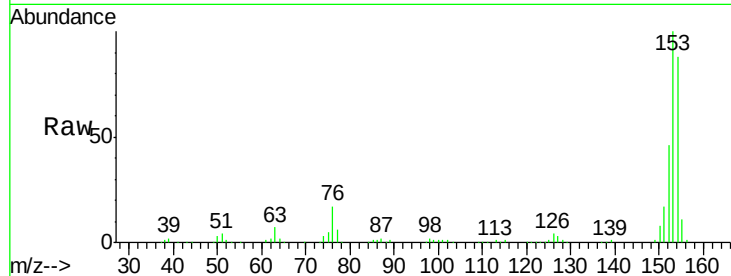
ClientSampleId :

PB104934BS

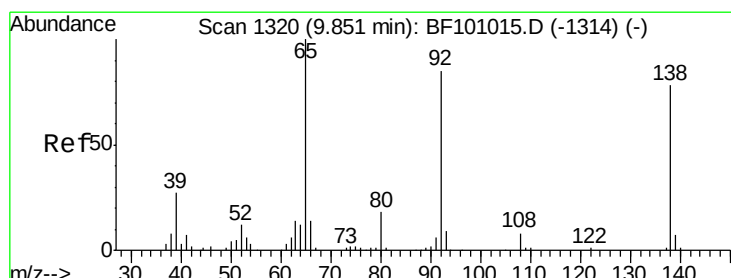
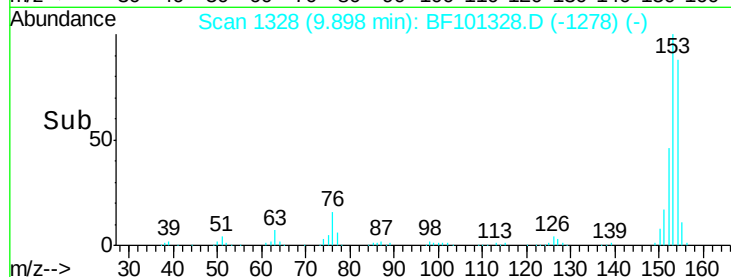
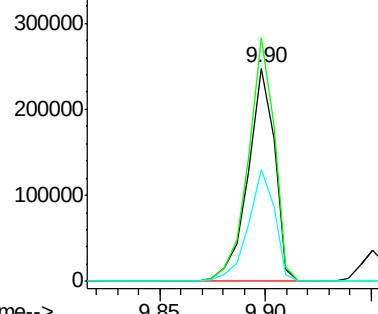
Tot Ion:	154	Resp:	217631
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	52.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 15.171 ng

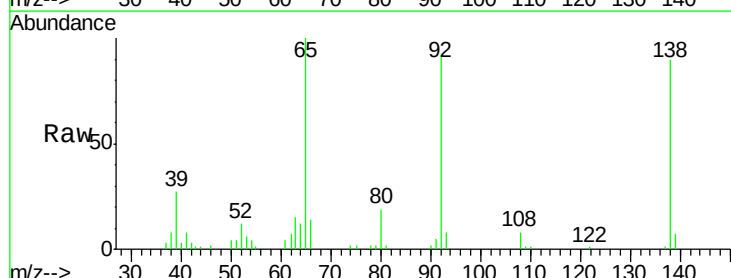
RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

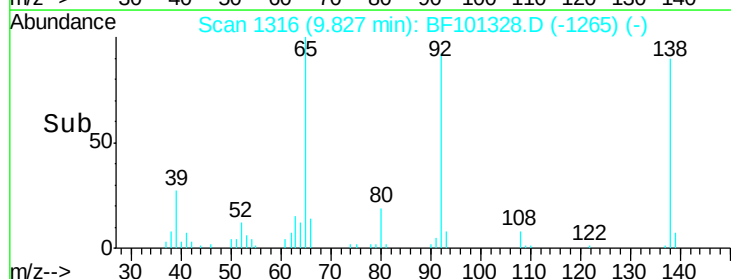
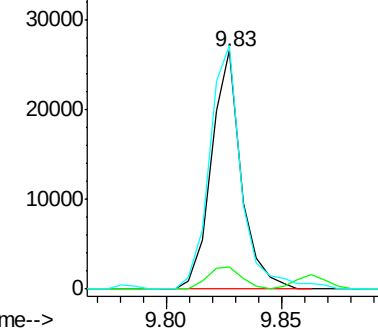
Lab File: BF101328.D

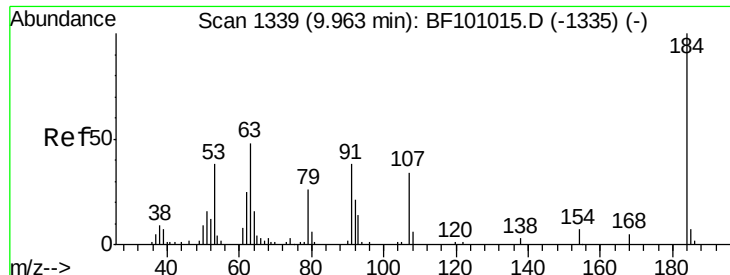
Acq: 12 Dec 2017 14:33

Tgt Ion:	138	Resp:	23843
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.4	14.0#
92	102.2	89.4	134.2



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





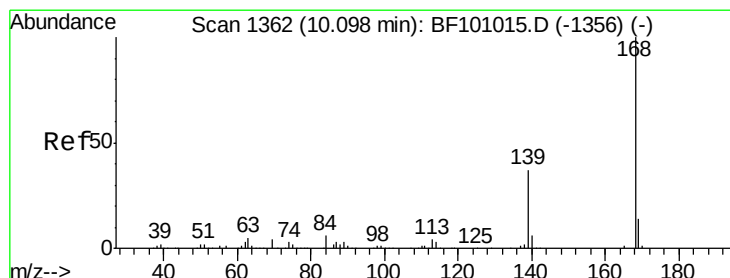
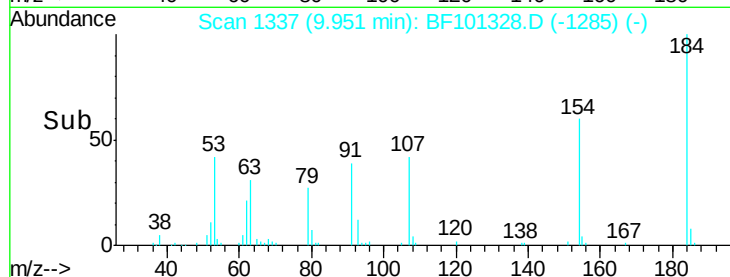
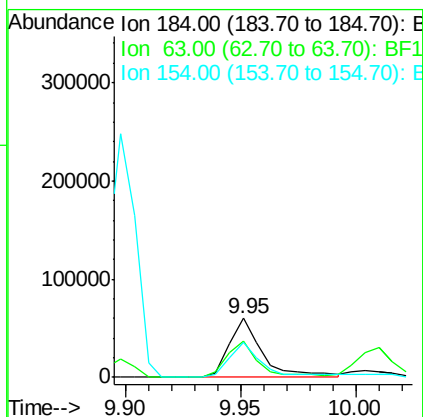
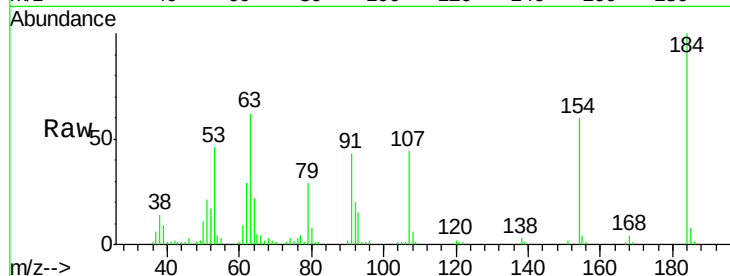
#53
2,4-Dinitrophenol
Concen: 84.090 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.7	54.2	81.2
154	59.9	184.0	276.0#

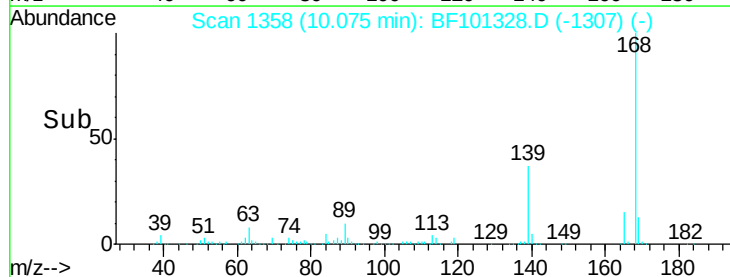
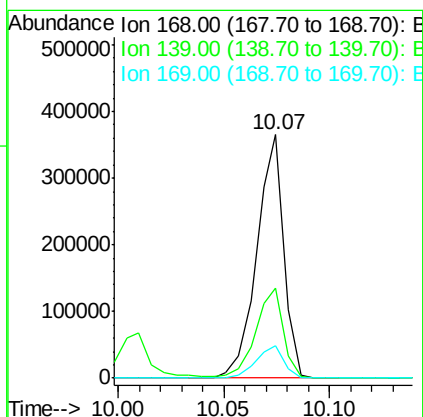
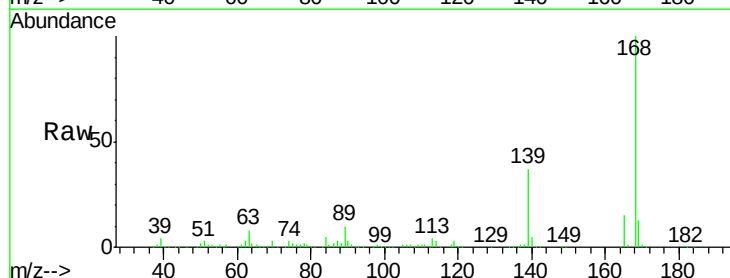
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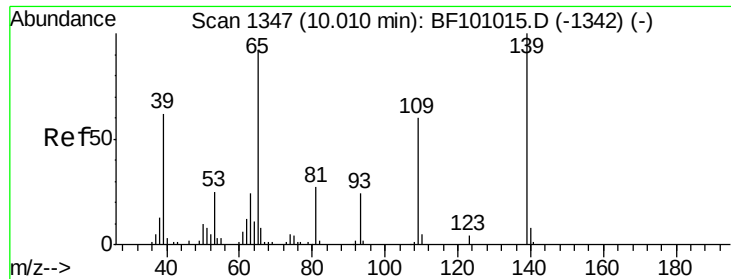
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#54
Dibenzofuran
Concen: 42.631 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.3	10.9	16.3





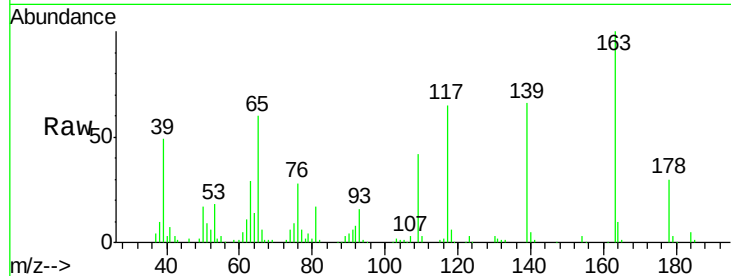
#55
4-Nitrophenol
Concen: 65.285 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.02 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampled :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	69196		
109	64.2	48.4	88.4	
65	91.7	72.6	112.6	

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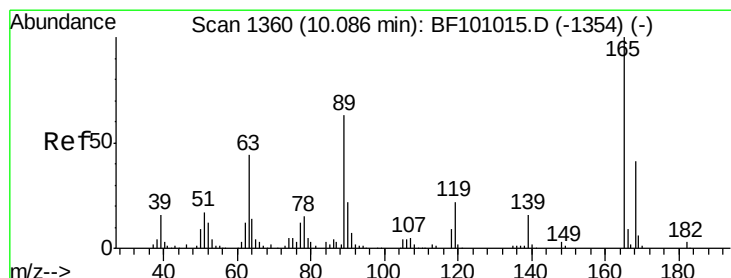
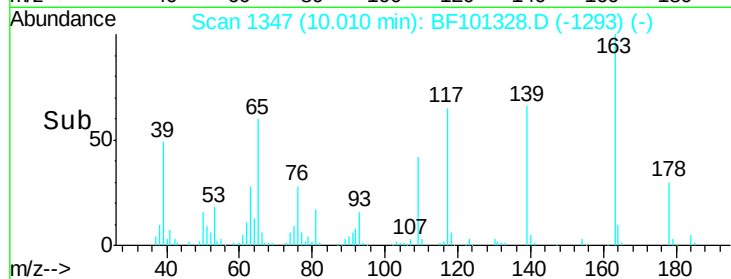
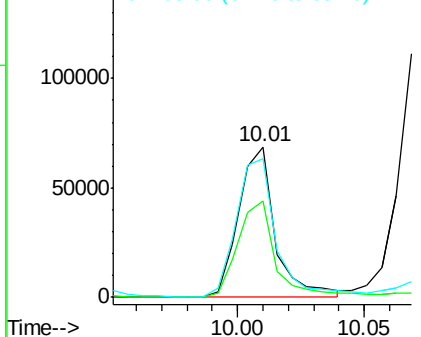


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 42.738 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	80045		
63	56.6	36.4	54.6#	
89	73.6	57.8	86.6	
182	2.7	1.6	2.4#	

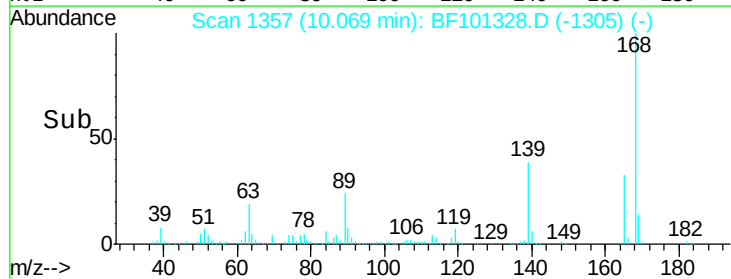
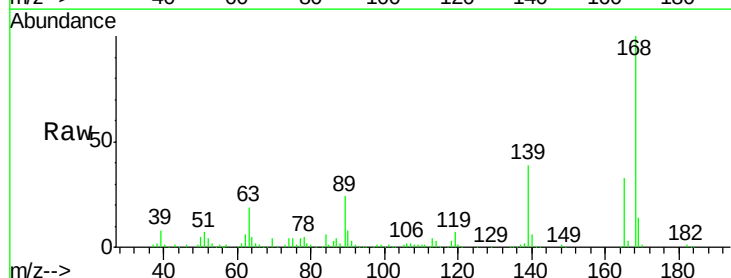
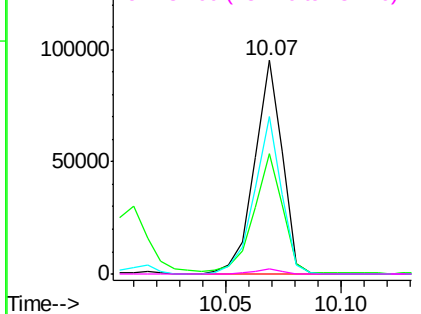
Abundance

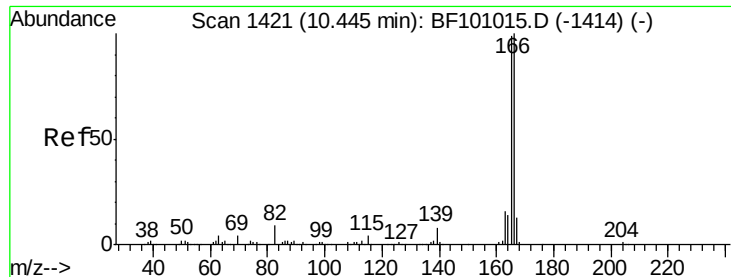
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.051 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

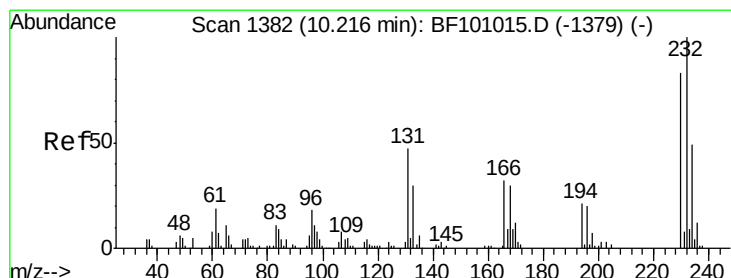
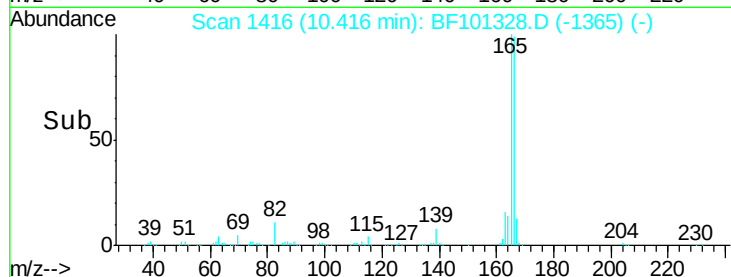
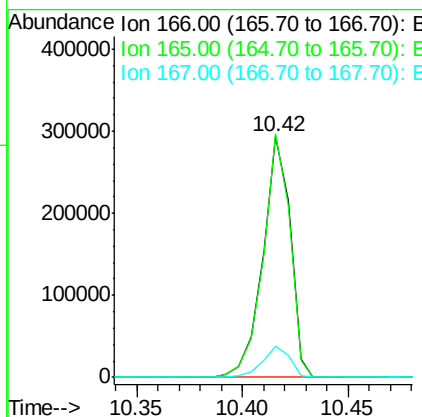
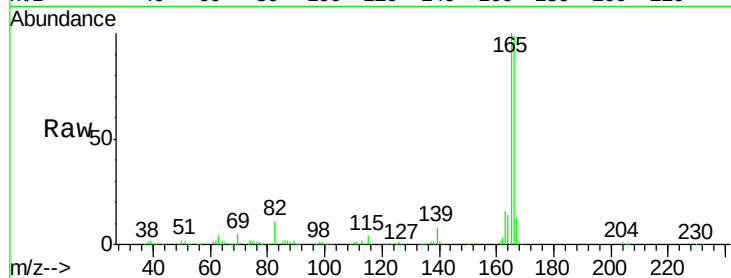
ClientSampleId :

PB104934BS

Tot Ion:	166	Resp:	265682
Ion Ratio	Lower	Upper	
166	100		
165	101.2	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.846 ng

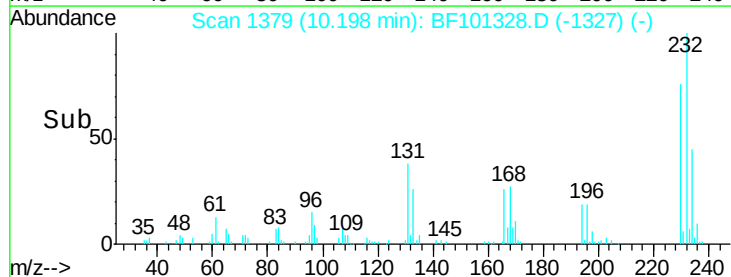
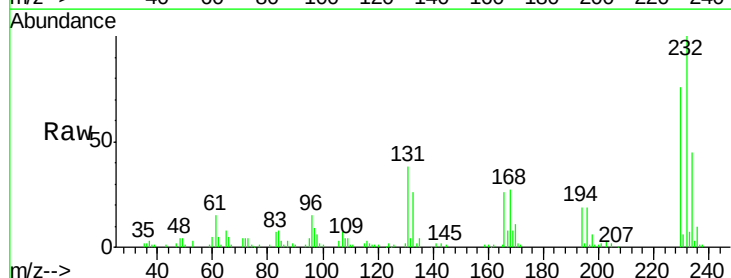
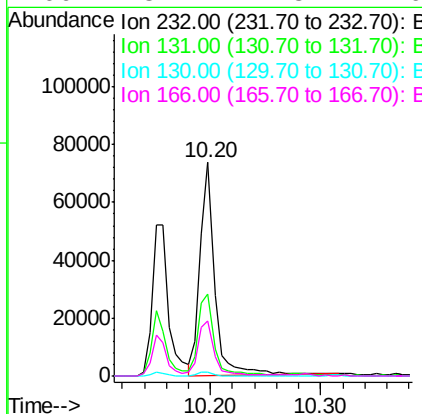
RT: 10.20 min Scan# 1379

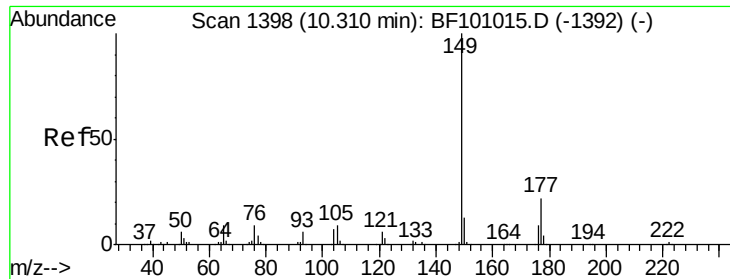
Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	232	Resp:	65760
Ion Ratio	Lower	Upper	
232	100		
131	44.2	43.8	65.8
130	2.0	2.1	3.1#
166	28.2	27.8	41.6





#59

Diethylphthalate

Concen: 42.283 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

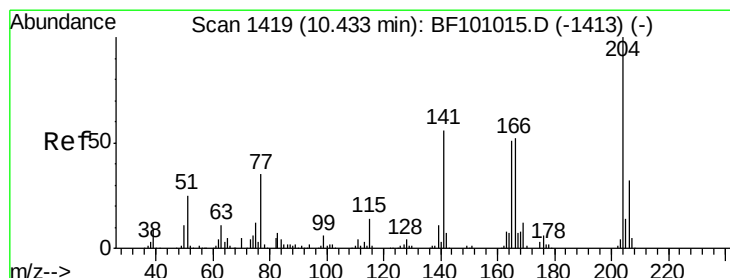
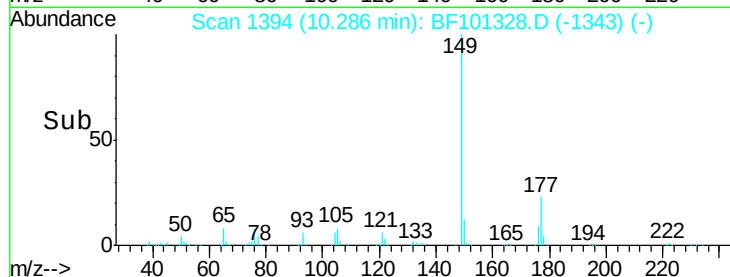
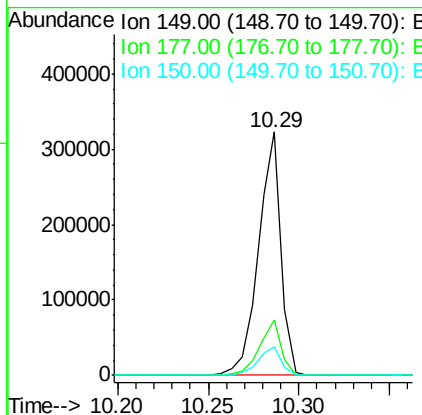
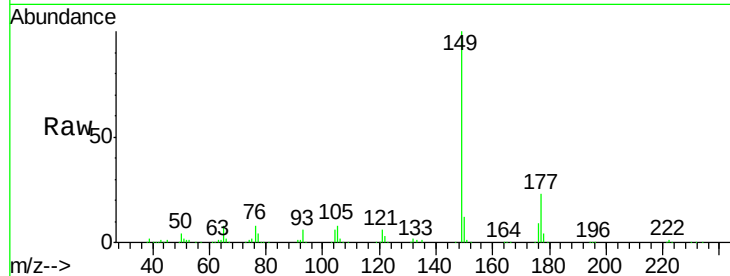
ClientSampleId :

PB104934BS

Tot Ion:	149	Resp:	276728
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.1	24.1
150	12.0	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 42.884 ng

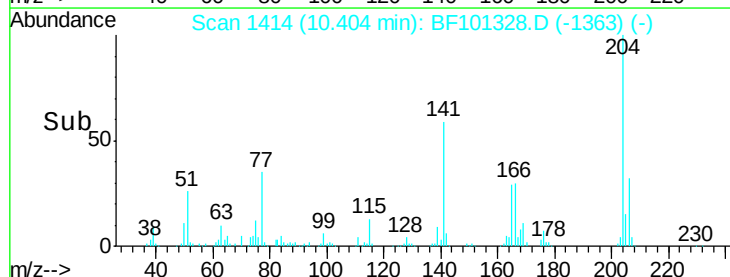
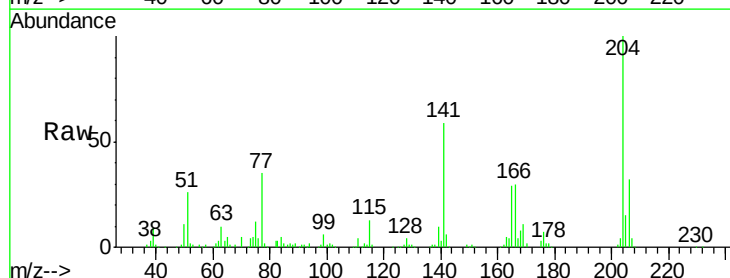
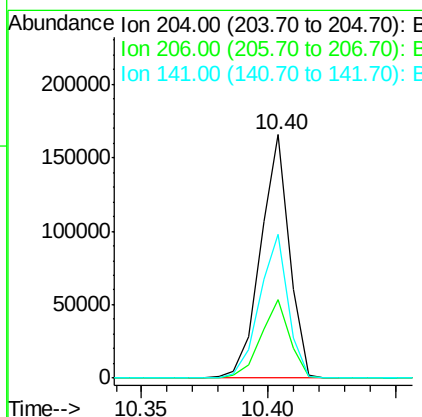
RT: 10.40 min Scan# 1414

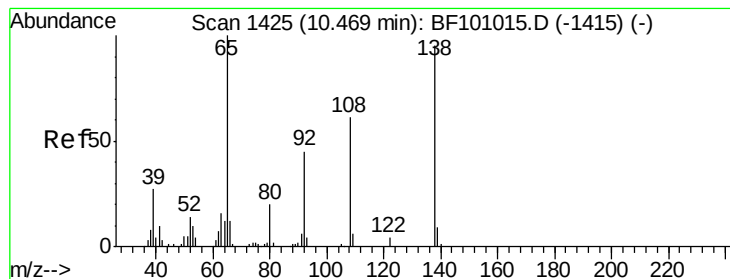
Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Tgt Ion:	204	Resp:	130671
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.5	39.7
141	59.1	54.6	81.8





#61

4-Nitroaniline

Concen: 38.315 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

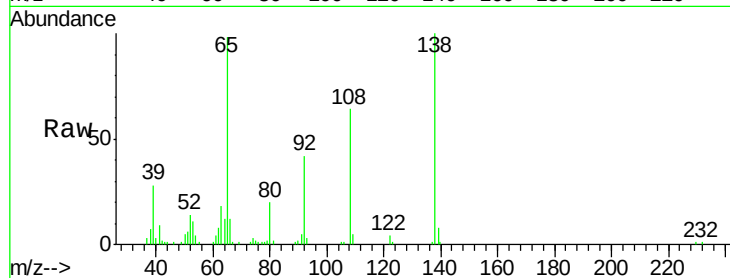
ClientSampleId :

PB104934BS

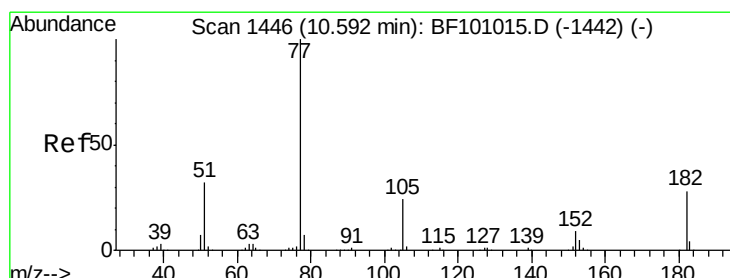
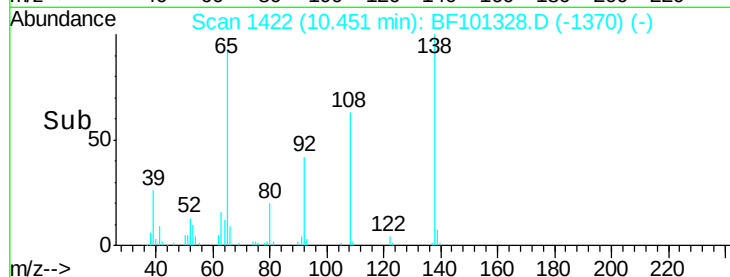
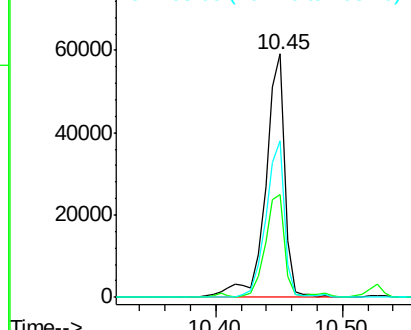
Tot Ion:	138	Resp:	62509
Ion	Ratio	Lower	Upper
138	100		
92	42.4	30.2	70.2
108	64.2	52.5	92.5

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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: 43.001 ng

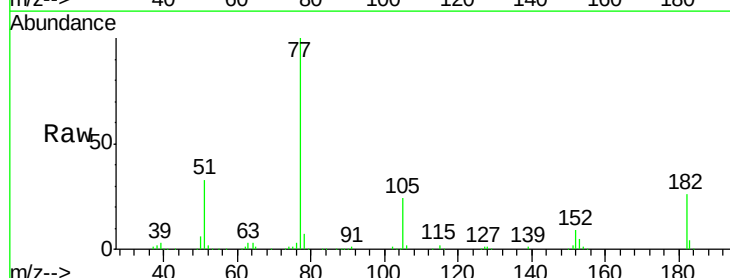
RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

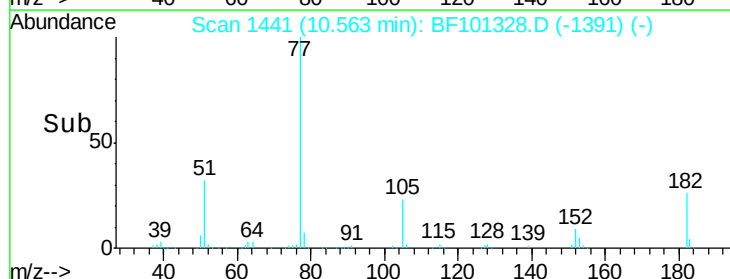
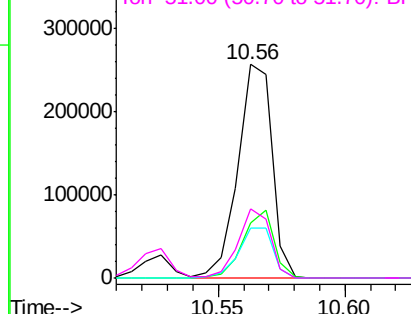
Lab File: BF101328.D

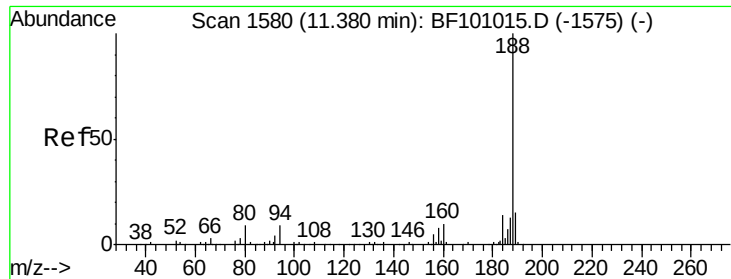
Acq: 12 Dec 2017 14:33

Tgt Ion:	77	Resp:	238834
Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	23.6	3.0	43.0
51	32.5	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





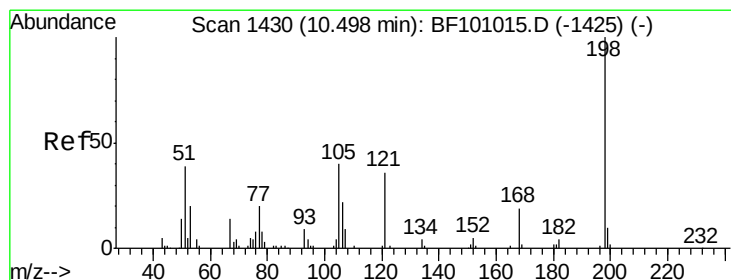
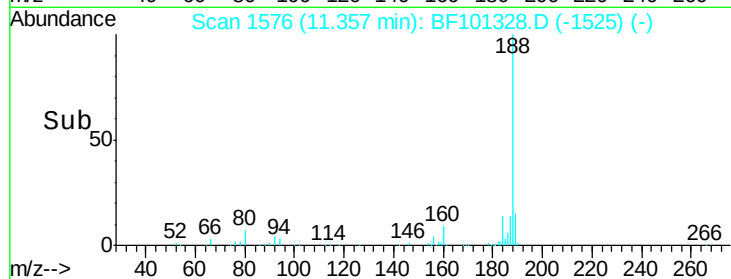
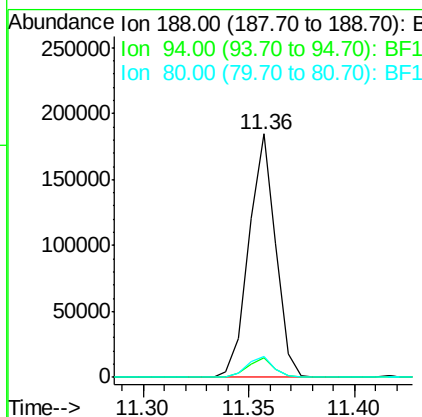
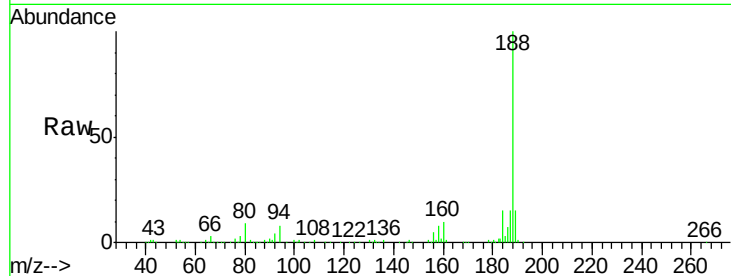
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	162774		
94	7.9		8.5	12.7#
80	8.8		9.2	13.8#

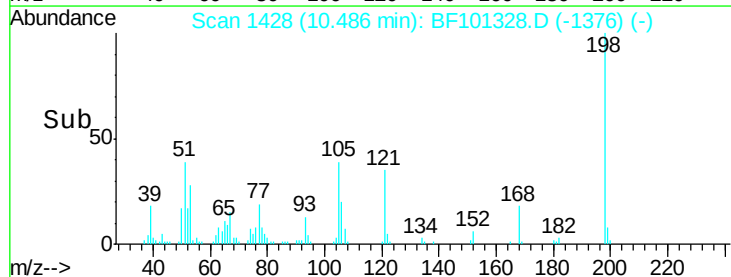
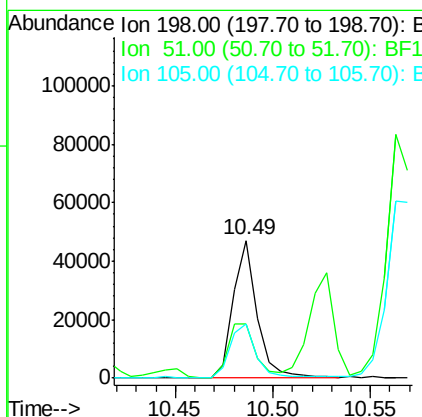
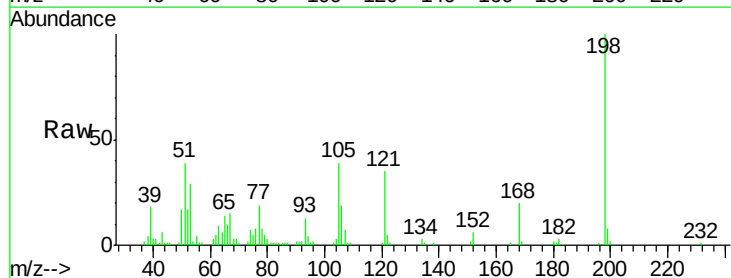
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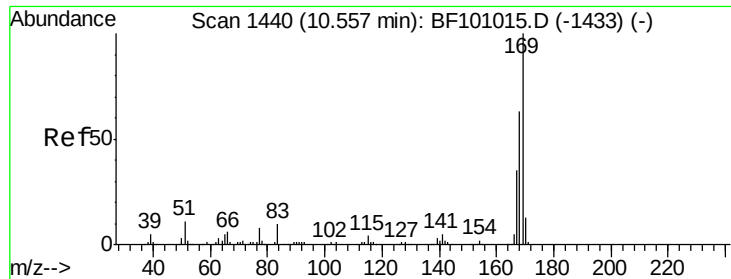
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.720 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40090		
51	39.1		37.7	77.7
105	39.1		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 42.542 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

ClientSampleId :

PB104934BS

Tot Ion:169 Resp: 244296

Ion Ratio Lower Upper

169 100

168 63.5 54.4 81.6

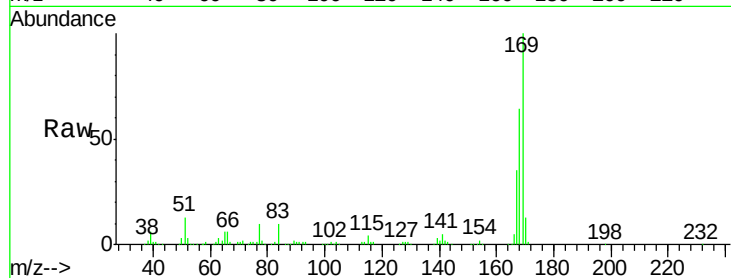
167 35.3 29.8 44.6

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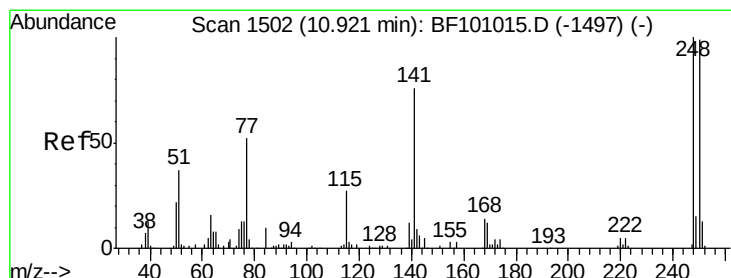
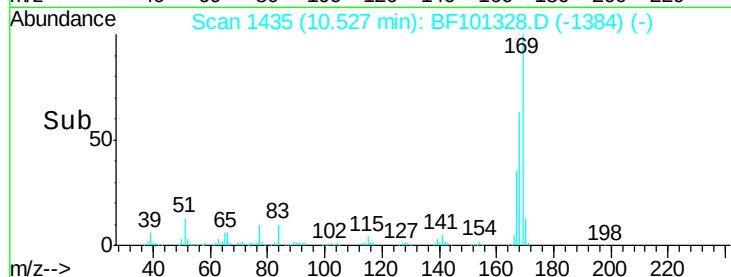
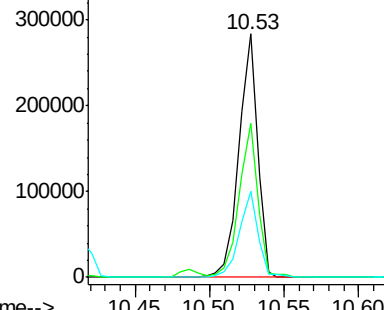
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.117 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

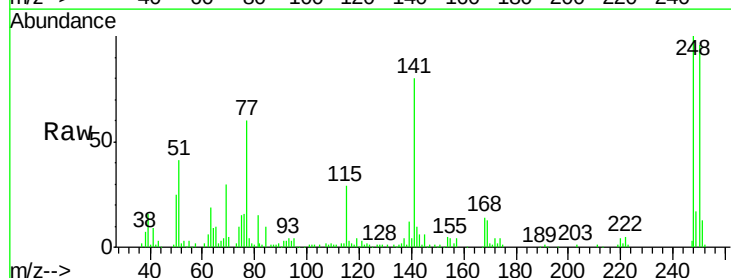
Tgt Ion:248 Resp: 78558

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

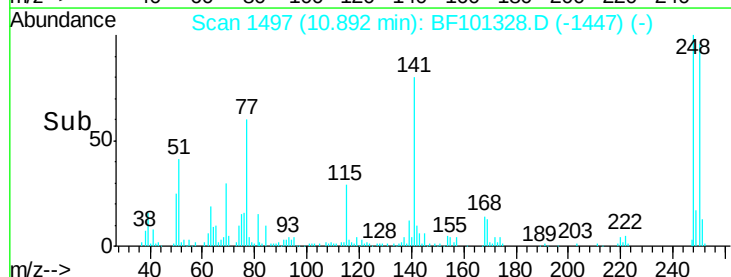
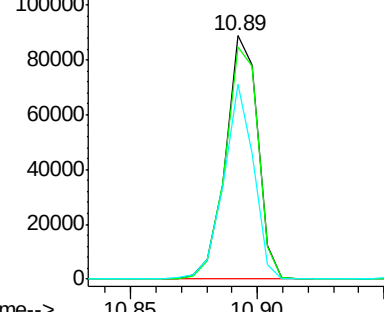
141 80.1 74.4 111.6

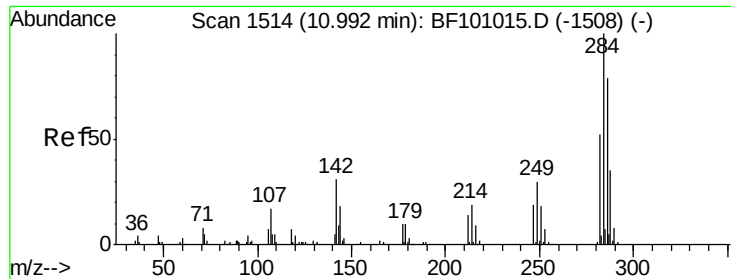


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





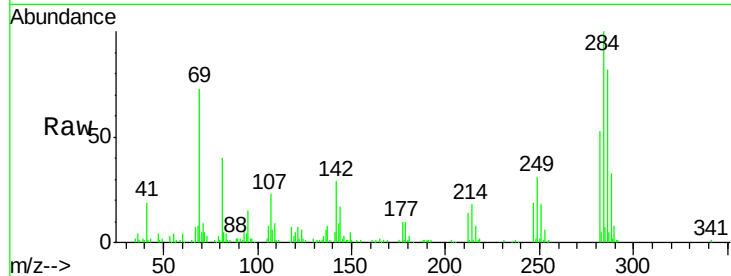
#67
Hexachlorobenzene
Concen: 42.211 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

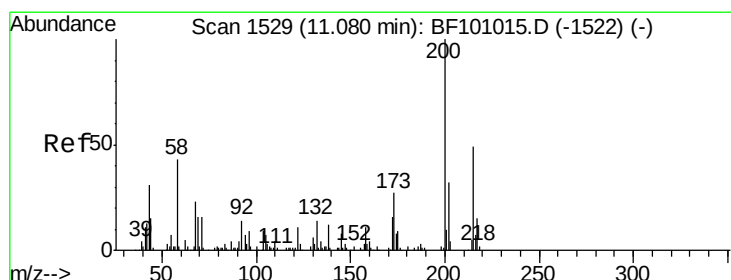
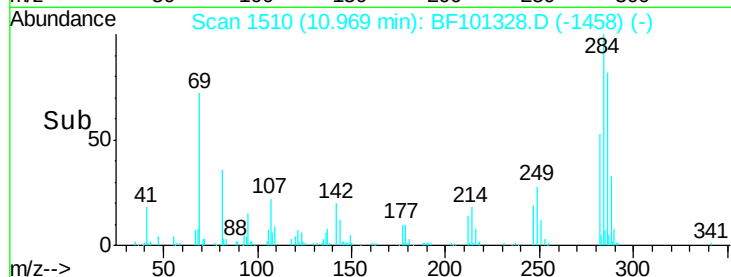
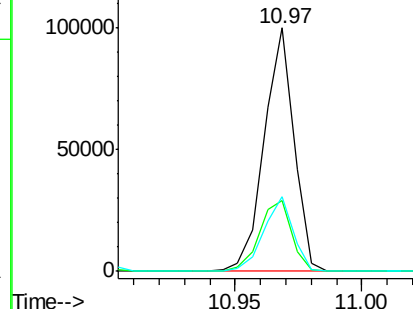
Tot Ion	Ratio	Resp	Lower	Upper
284	100	82426		
142	29.2		34.6	52.0
249	30.9		24.8	37.2

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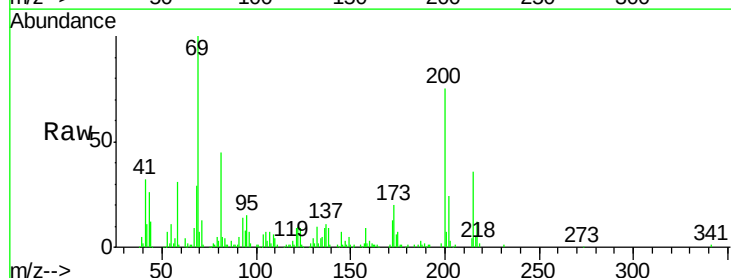


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

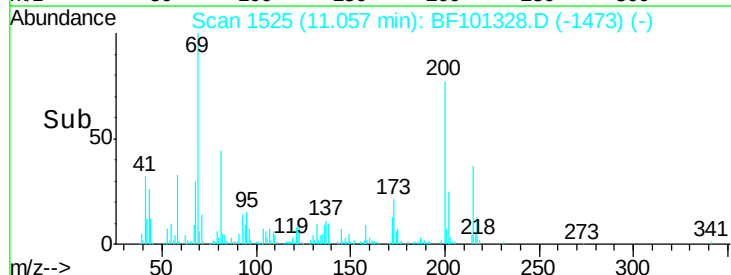
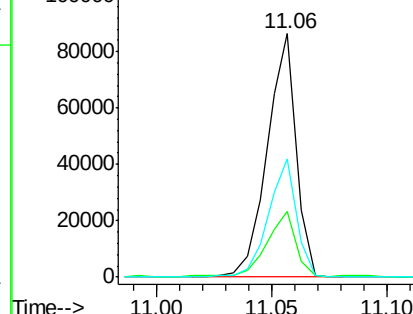


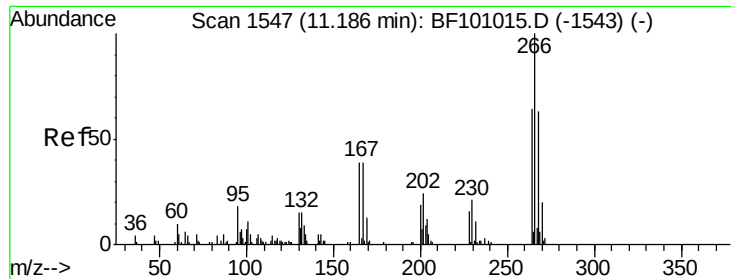
#68
Atrazine
Concen: 42.584 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	75011		
173	27.1		8.6	48.6
215	48.3		25.1	65.1



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





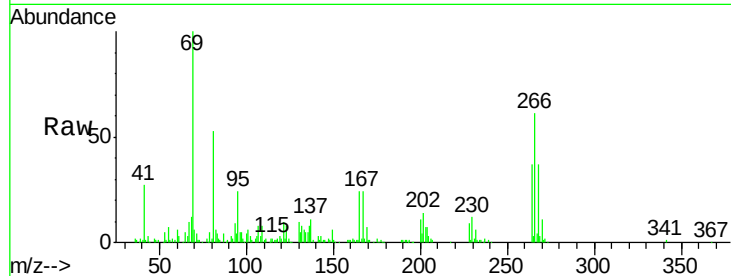
#69
 Pentachlorophenol
 Concen: 63.078 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

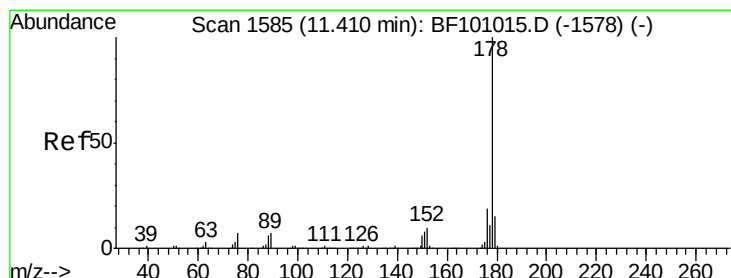
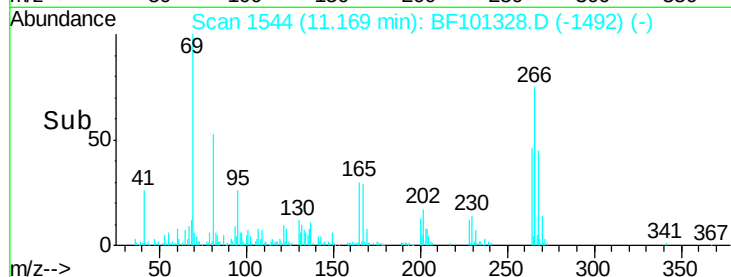
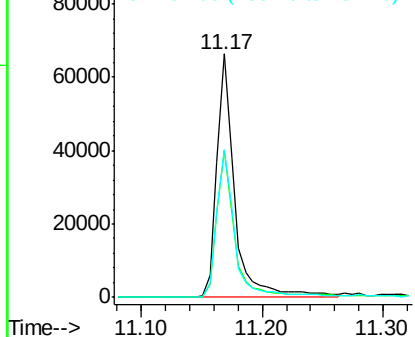
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.9	51.1	76.7
264	60.8	49.5	74.3

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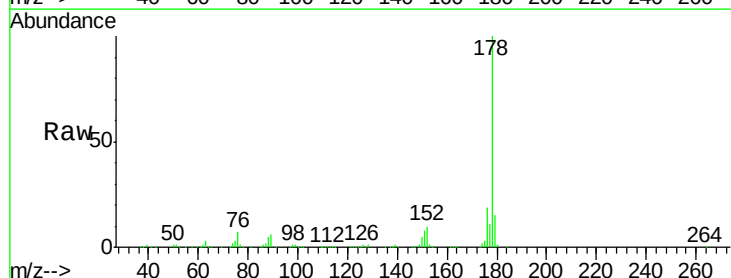


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

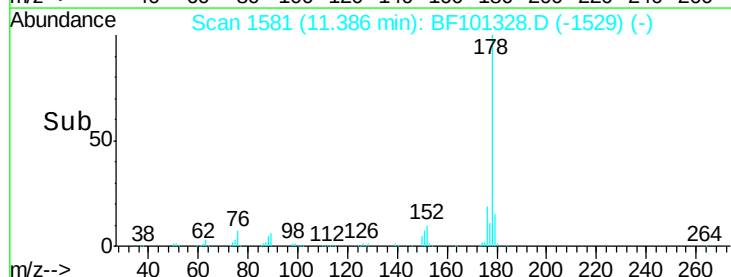
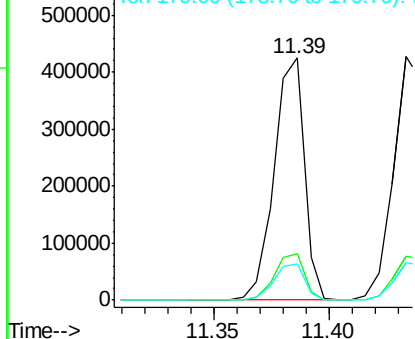


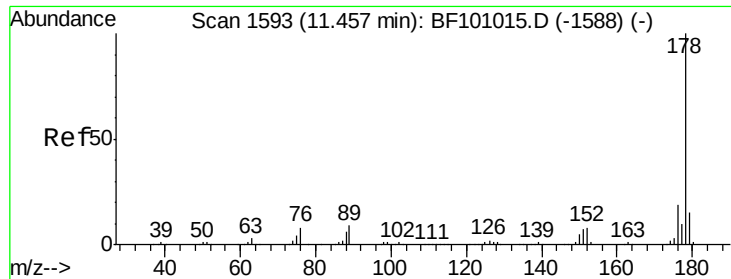
#70
 Phenanthrene
 Concen: 42.994 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





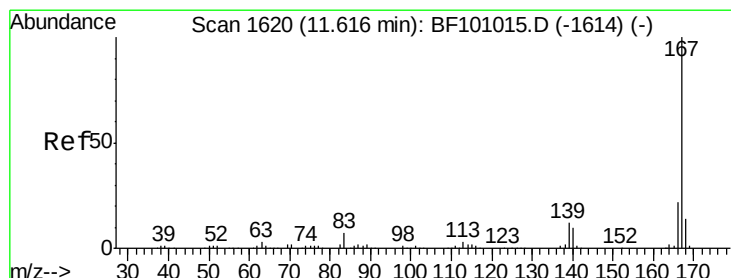
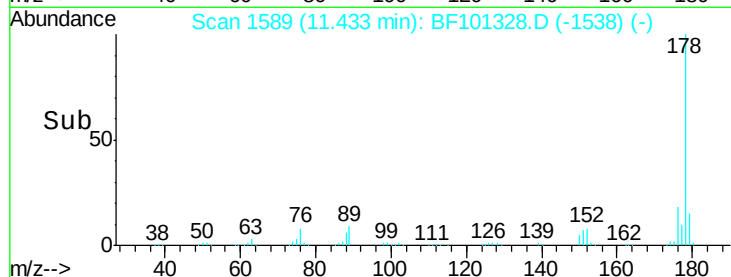
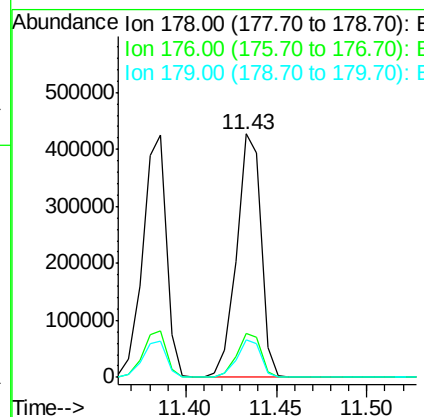
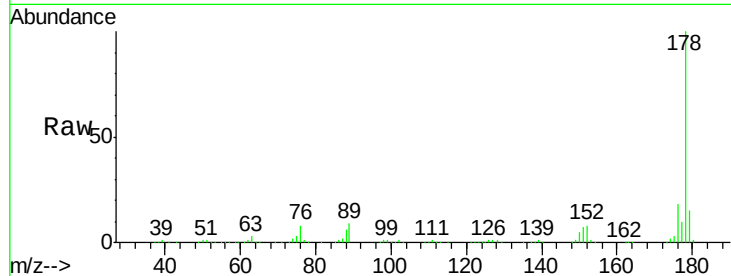
#71
 Anthracene
 Concen: 44.202 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampled :
 PB104934BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0

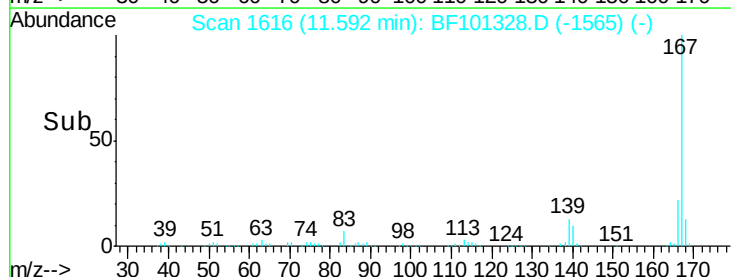
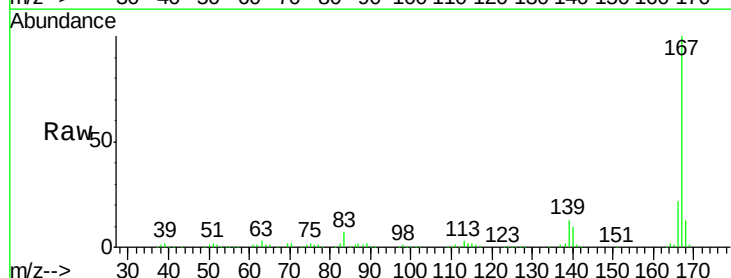
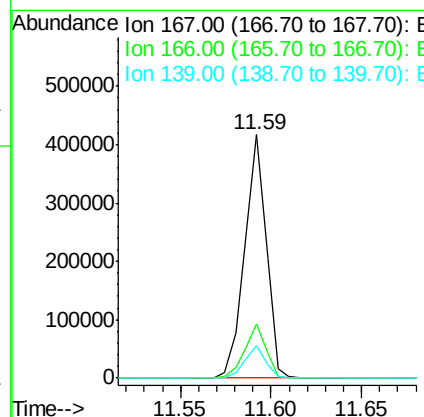
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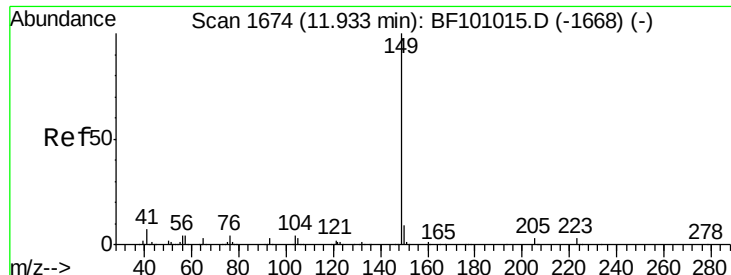
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#72
 Carbazole
 Concen: 41.738 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.804 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

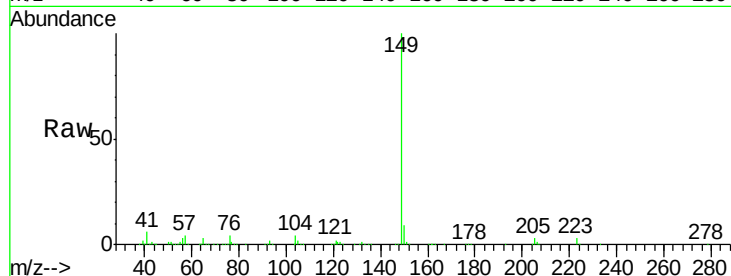
ClientSampleId :

PB104934BS

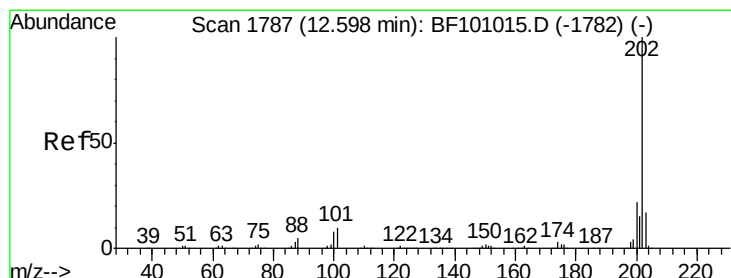
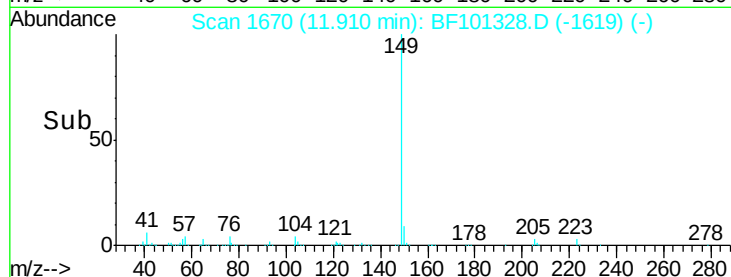
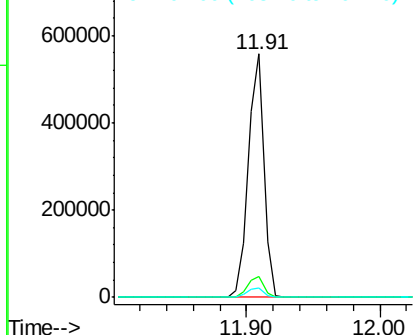
Tot Ion:	149	Resp:	444717
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.8	11.6
104	3.9	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.381 ng

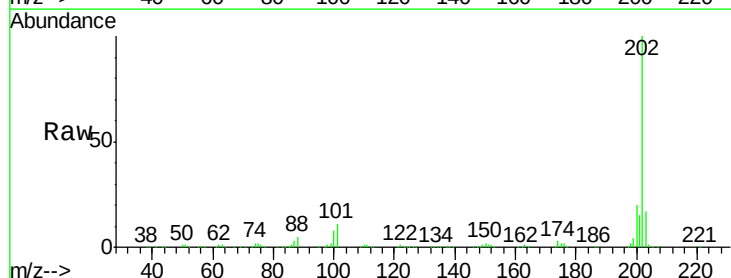
RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

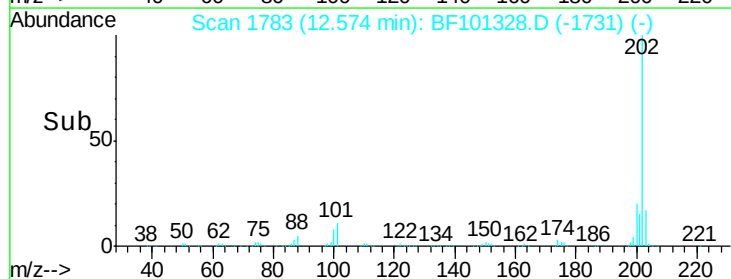
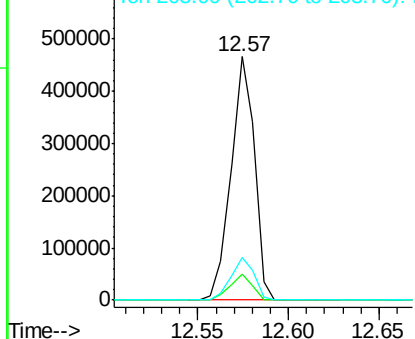
Lab File: BF101328.D

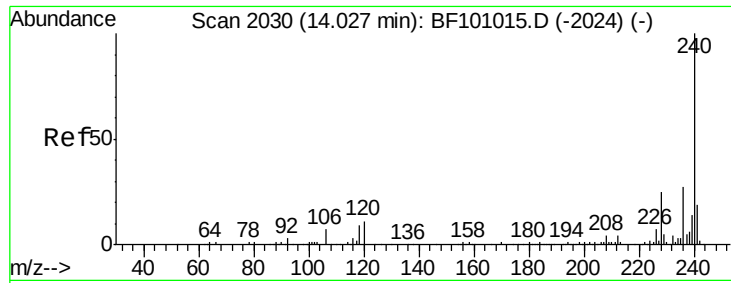
Acq: 12 Dec 2017 14:33

Tgt Ion:	202	Resp:	421109
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.5	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





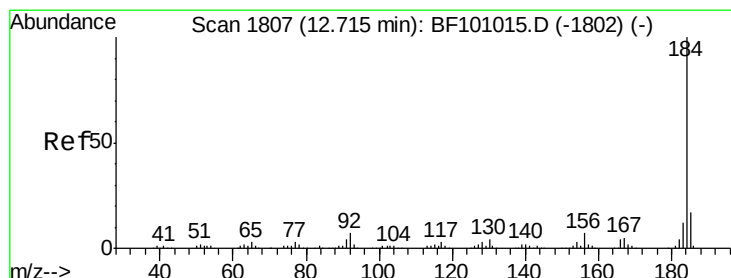
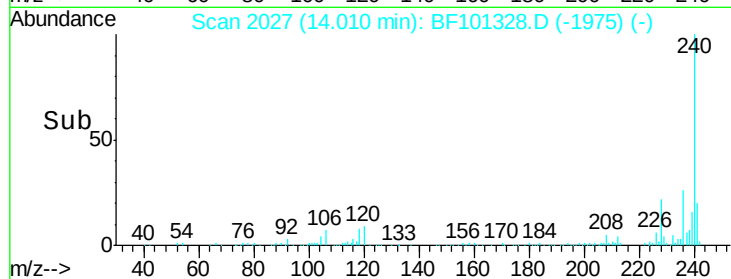
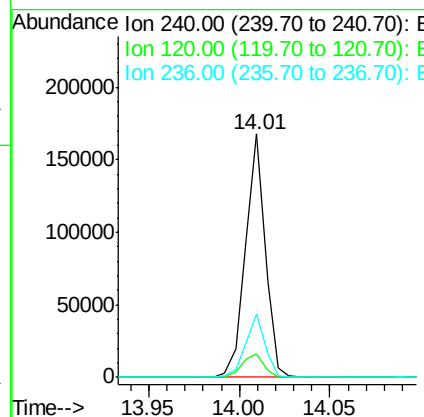
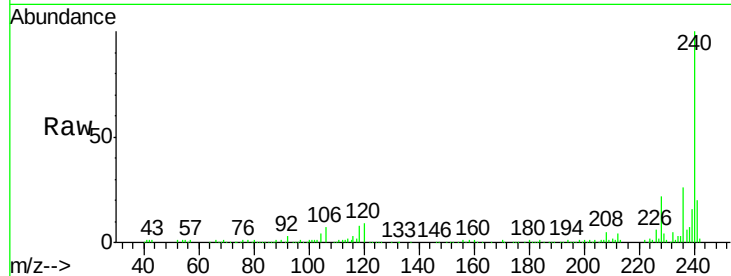
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.8	20.7	31.1

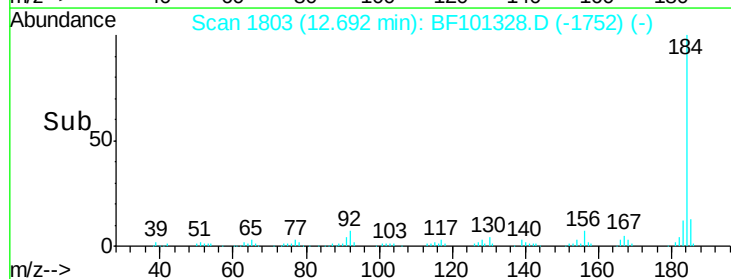
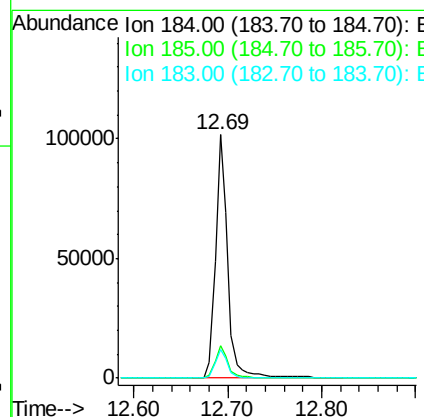
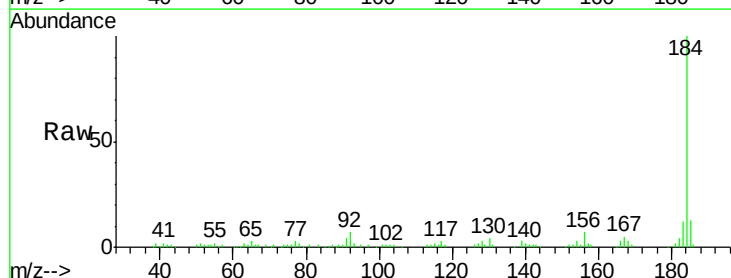
Manual Integrations
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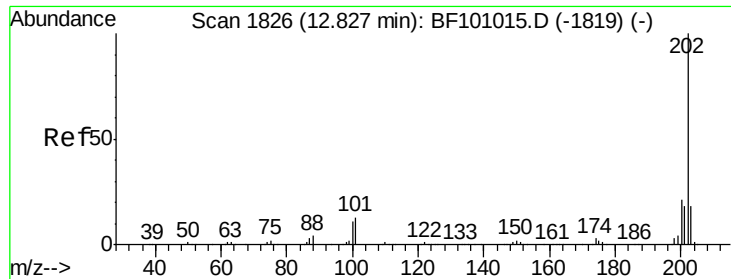
Sohil
12/13/2017 12:07:30 PM



#76
Benzidine
Concen: 22.646 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.8	9.3	13.9





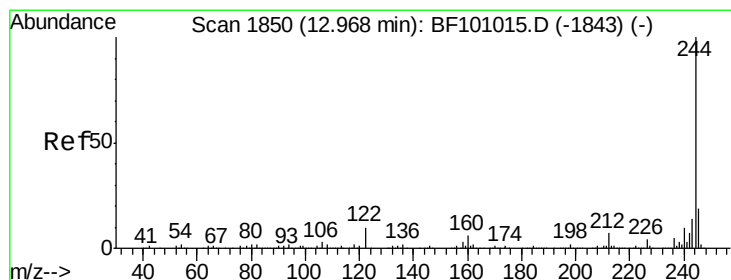
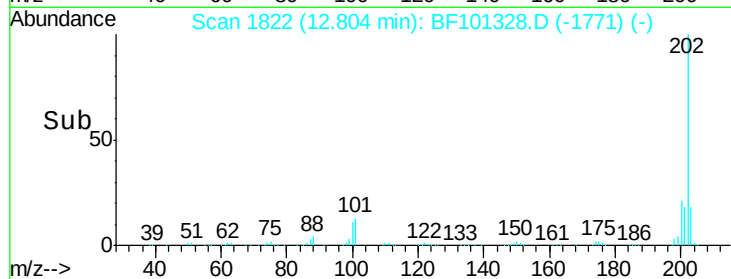
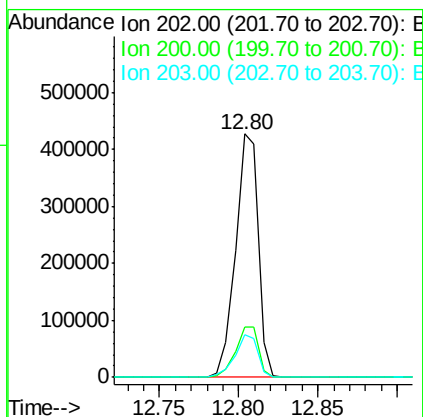
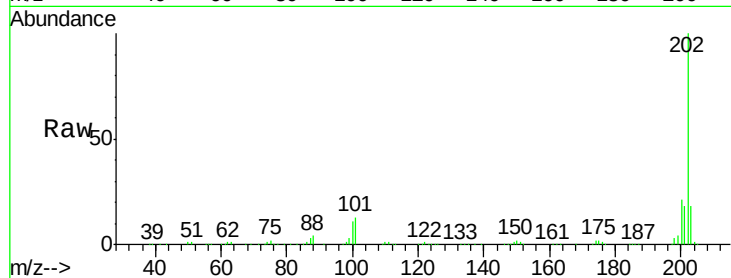
#77
Pvrene
Concen: 48.083 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.6	14.3	21.5

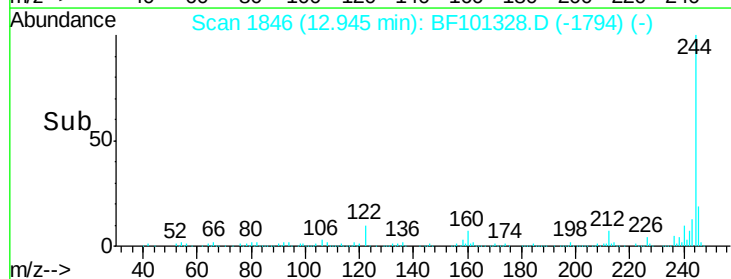
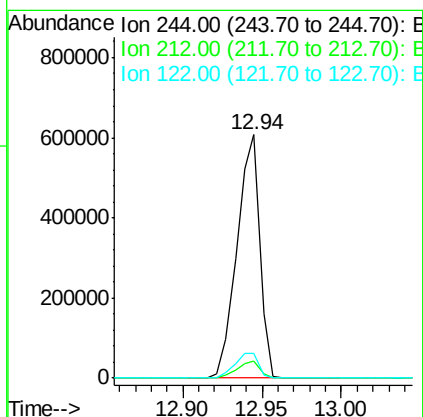
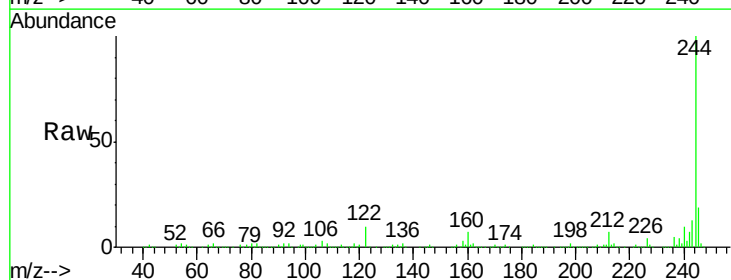
Manual Integrations
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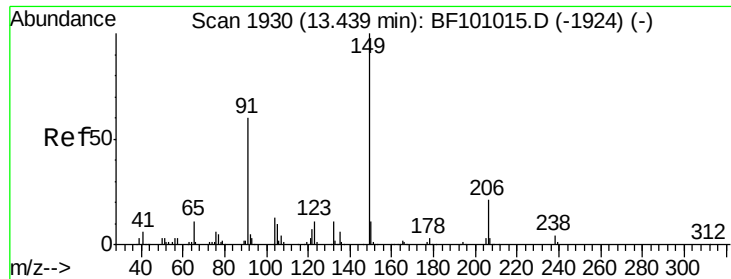
Sohil
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#78
Terphenyl-d14
Concen: 103.289 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4#





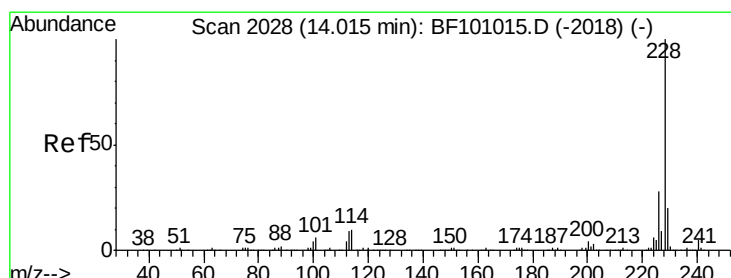
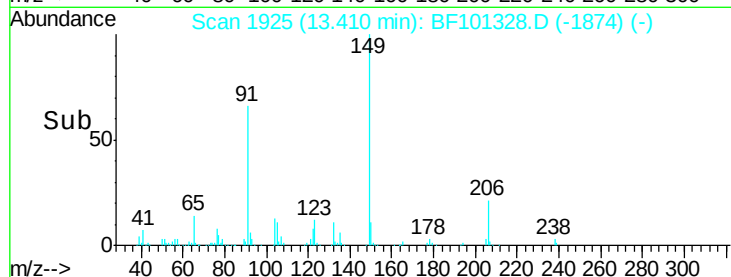
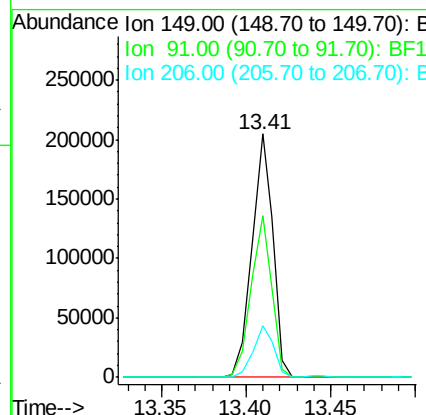
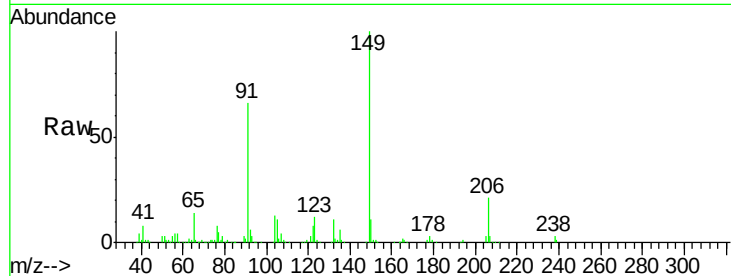
#79
Butylbenzylphthalate
Concen: 45.847 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleID :
PB104934BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.4	56.8	85.2
206	21.0	14.1	21.1

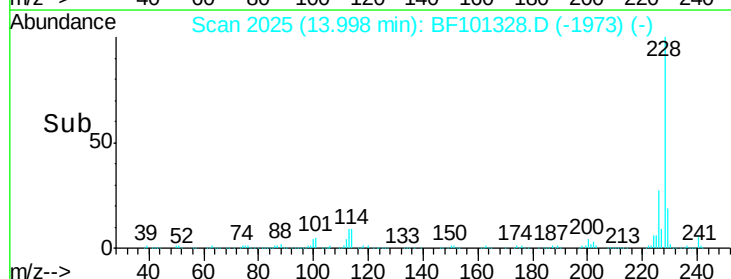
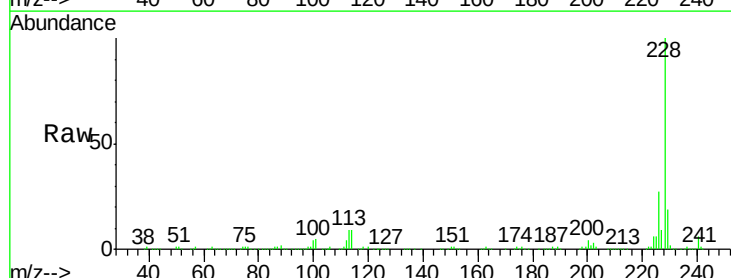
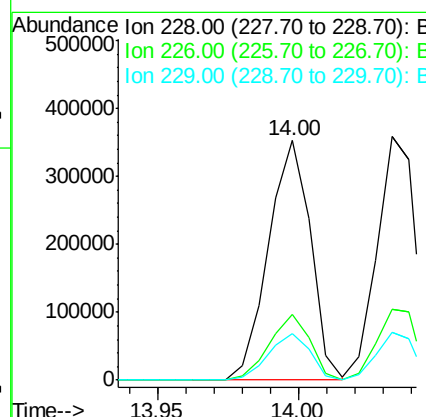
Manual Integrations
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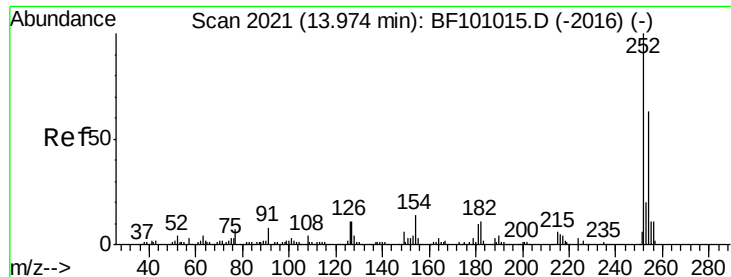
Sohil
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#80
Benzo(a)anthracene
Concen: 45.171 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.4	15.8	23.6





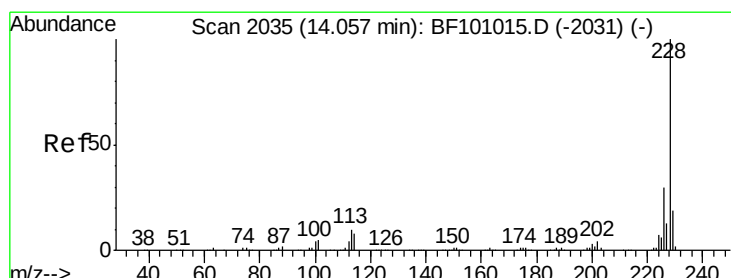
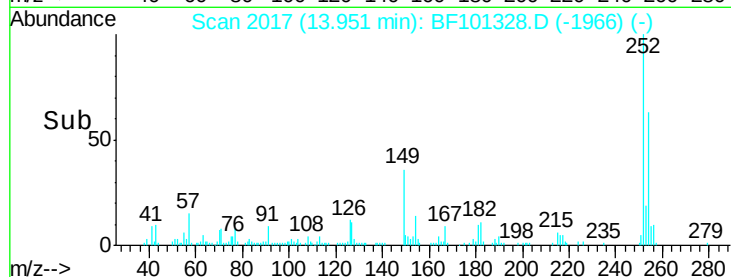
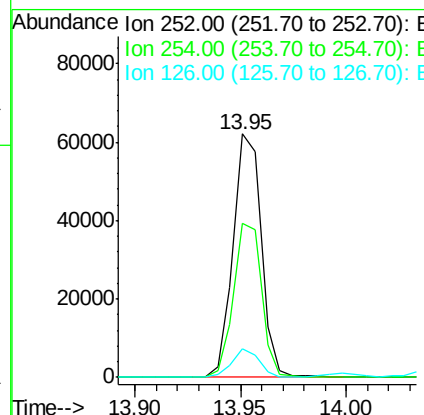
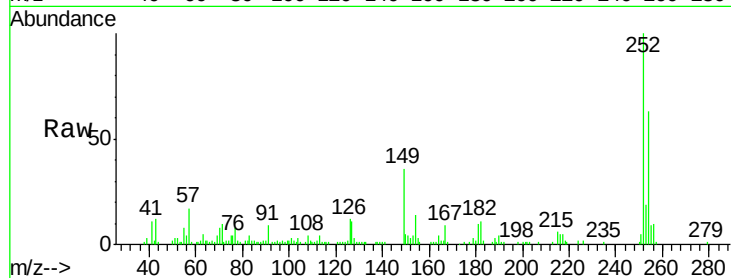
#81
 3,3'-Dichlorobenzidine
 Concen: 20.413 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	50.4	75.6
126	11.7	11.3	16.9

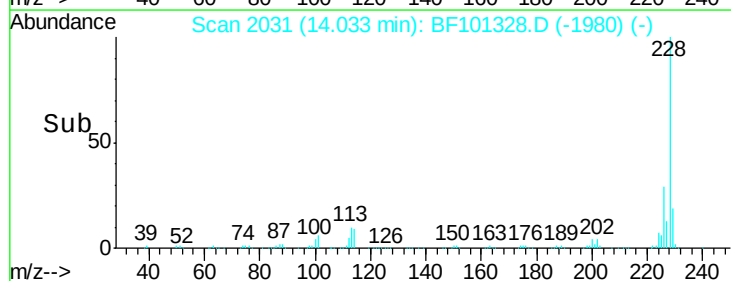
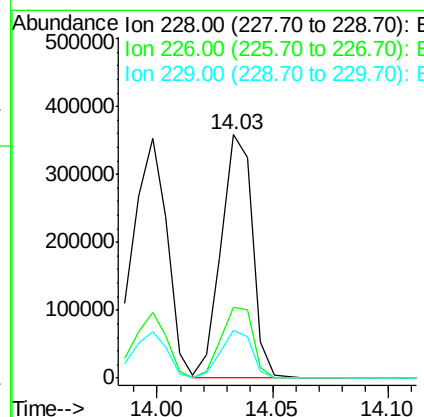
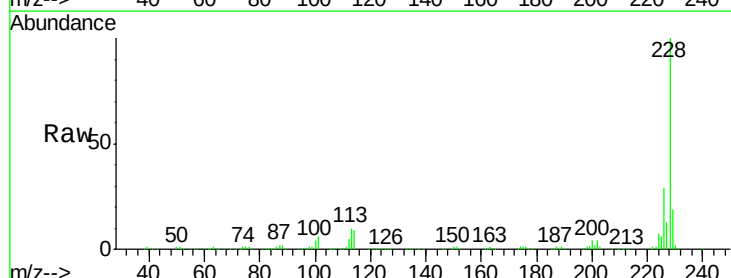
Manual Integrations
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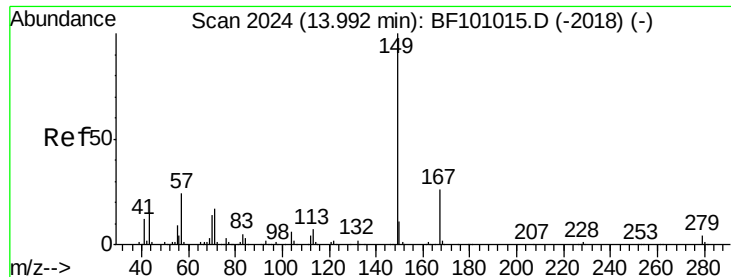
Sohil
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#82
 Chrysene
 Concen: 44.850 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.0	25.0	37.6
229	19.5	16.2	24.4





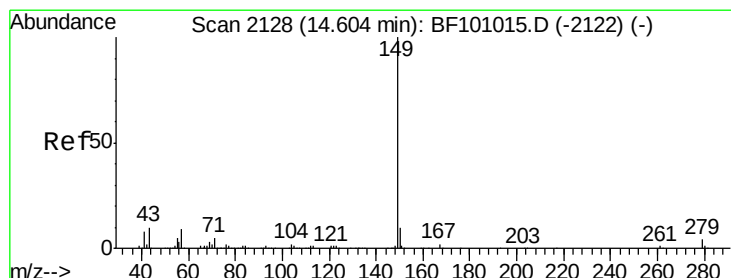
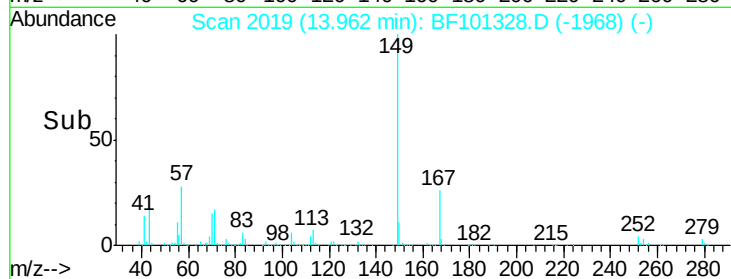
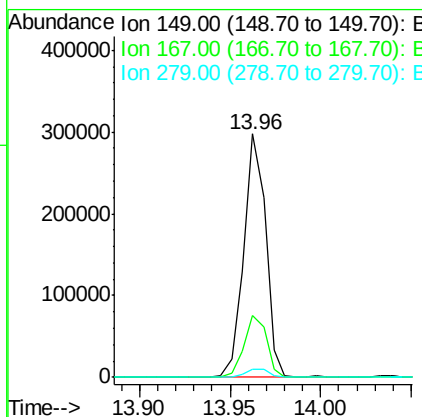
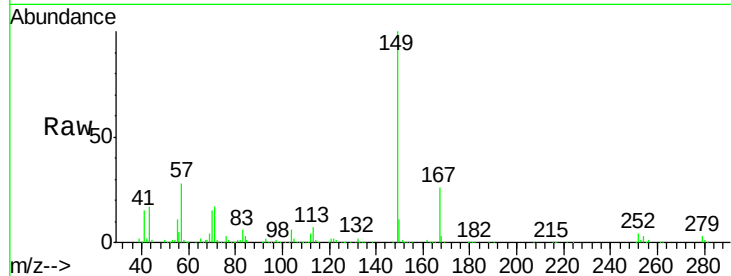
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.250 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	3.3	3.0	4.4

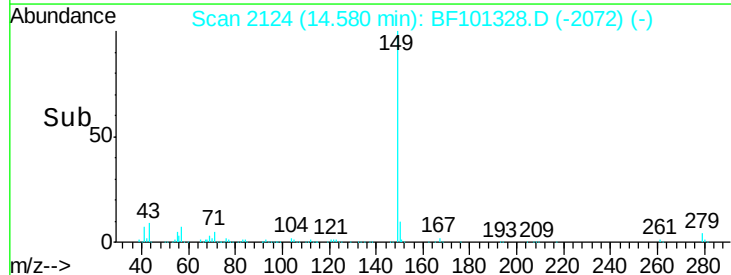
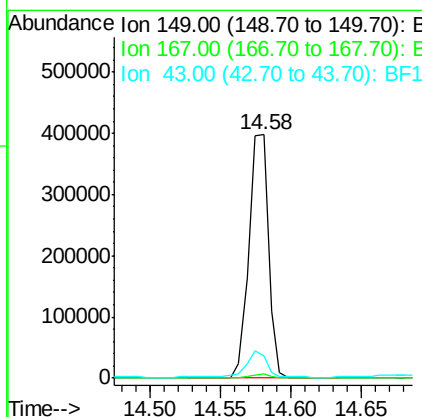
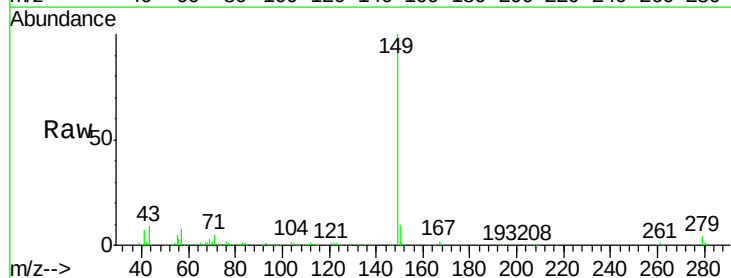
Manual Integrations
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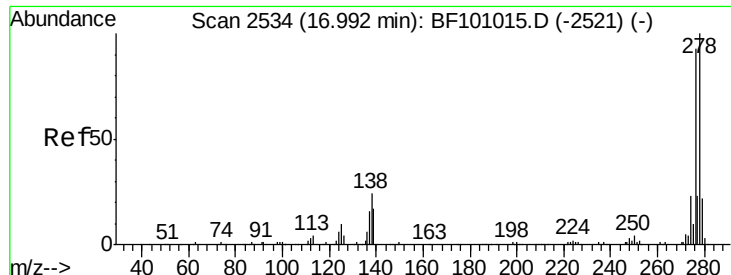
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 42.359 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.390 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.03 min

Lab File: BF101328.D

Acq: 12 Dec 2017 14:33

Instrument :

BNA_F

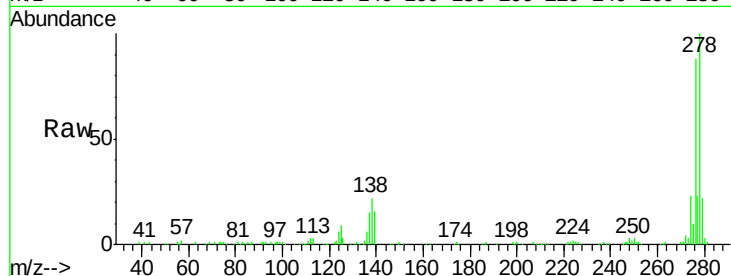
ClientSampleId :

PB104934BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	24.8	20.1	30.1

Manual Integrations
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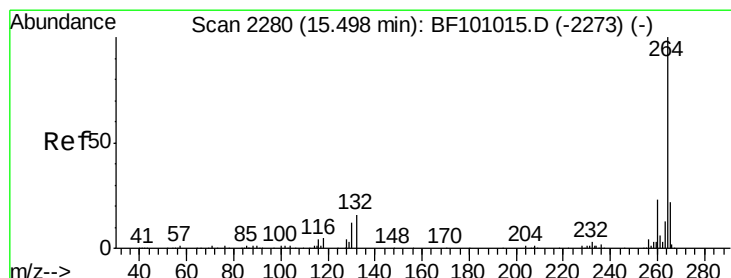
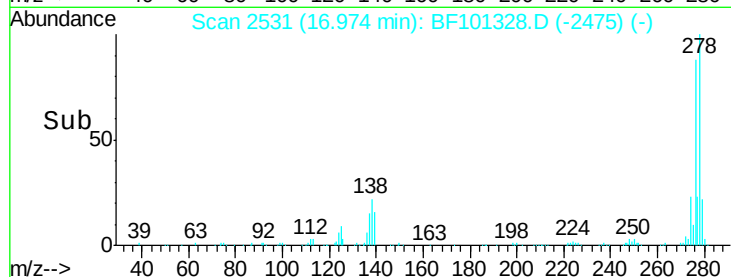
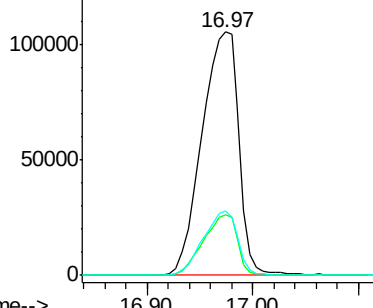
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF101328.D

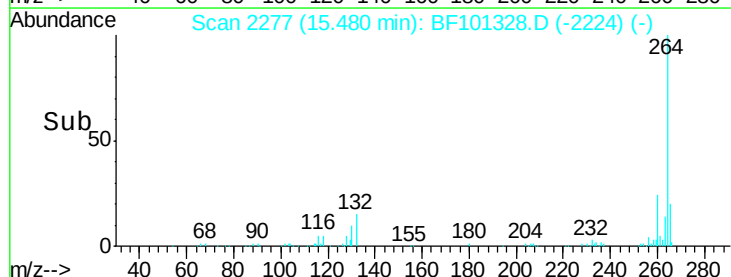
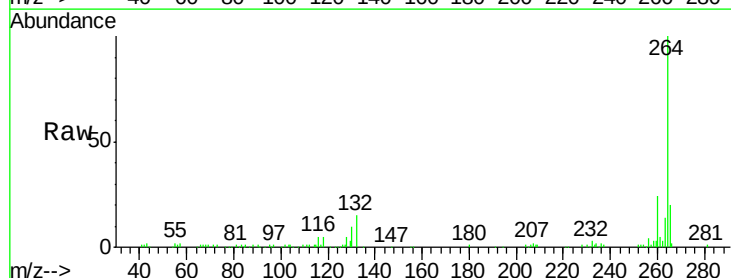
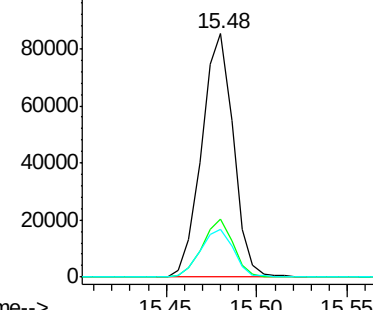
Acq: 12 Dec 2017 14:33

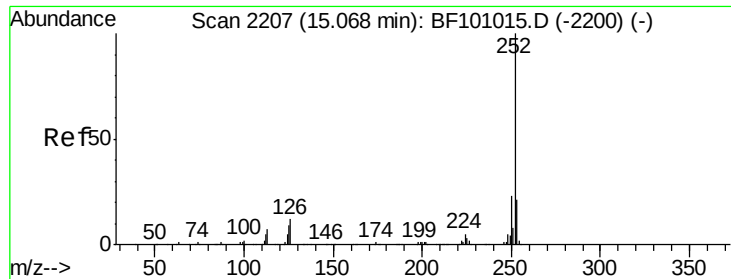
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	19.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





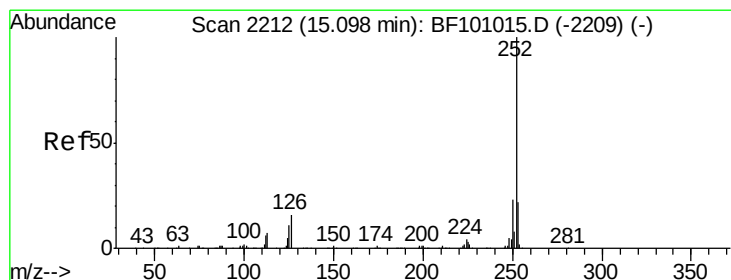
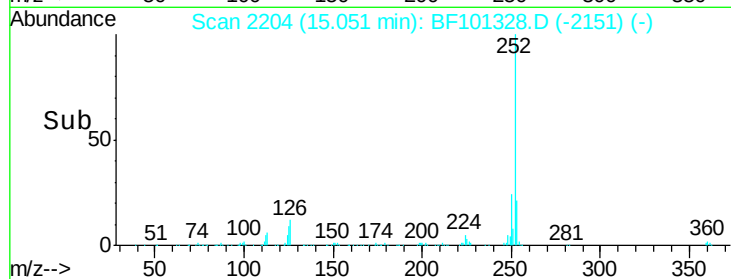
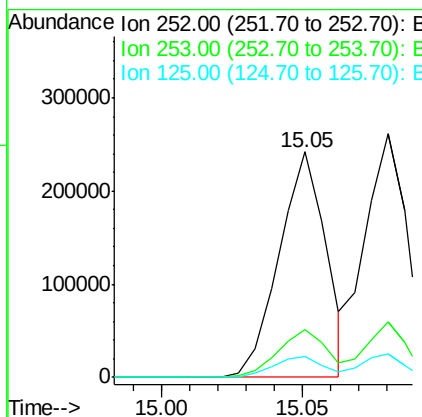
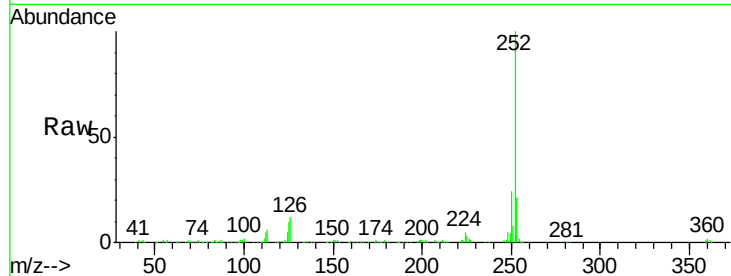
#87
Benzo(b)fluoranthene
Concen: 44.905 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampleId :
PB104934BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	9.5	9.0	13.6

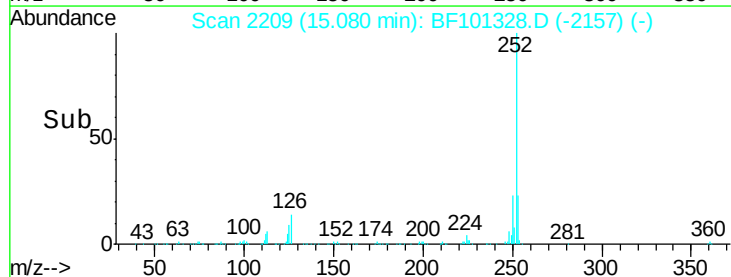
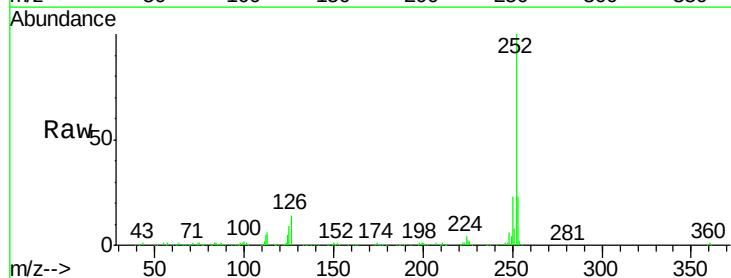
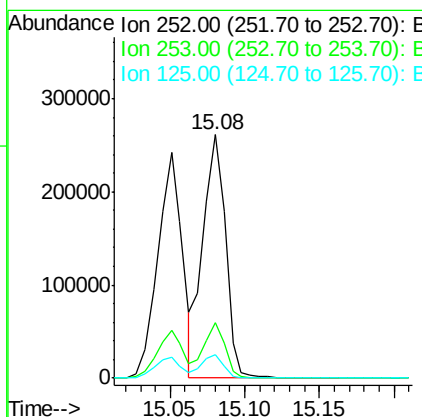
Manual Integrations
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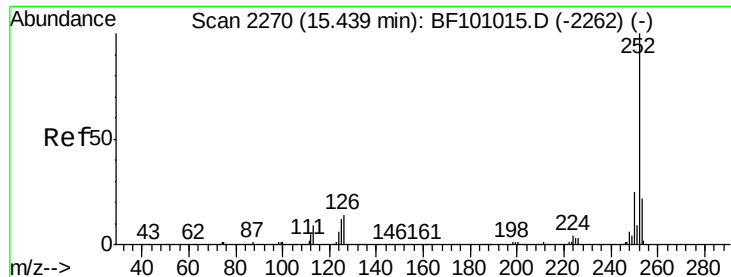
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.473 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.5	10.2	15.2#





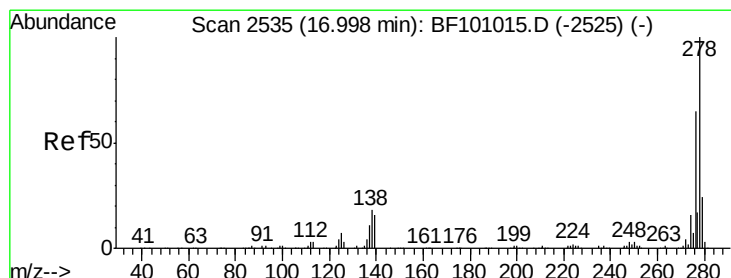
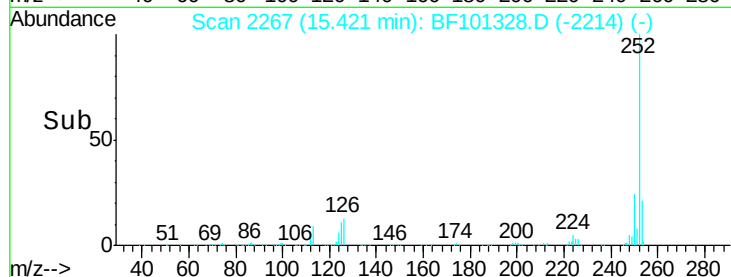
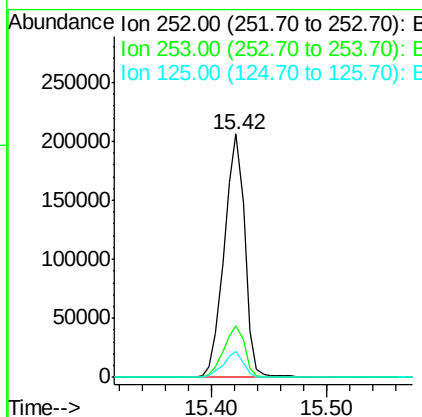
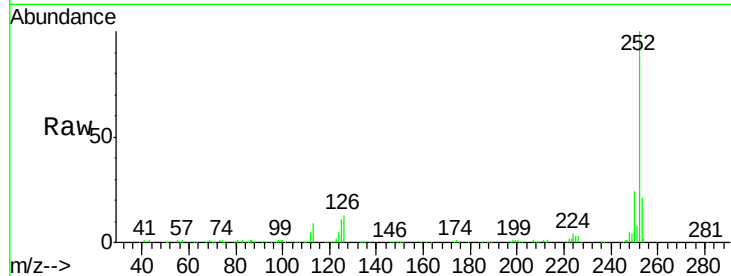
#89
Benzo(a)pyrene
Concen: 44.927 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Instrument :
BNA_F
ClientSampled :
PB104934BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	10.8	9.8	14.6

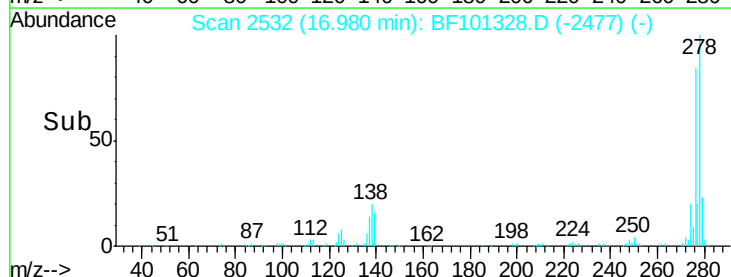
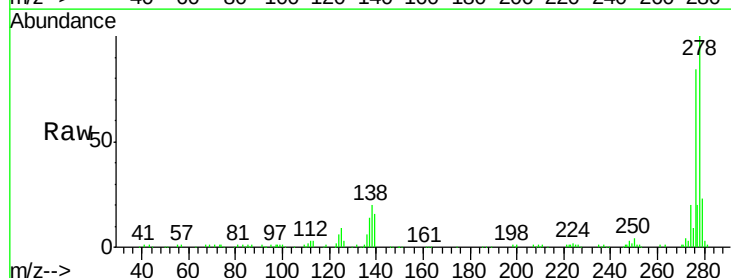
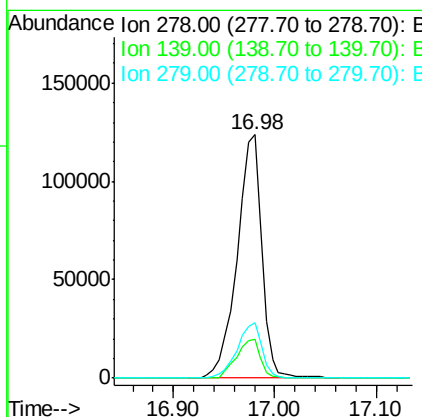
Manual Integrations
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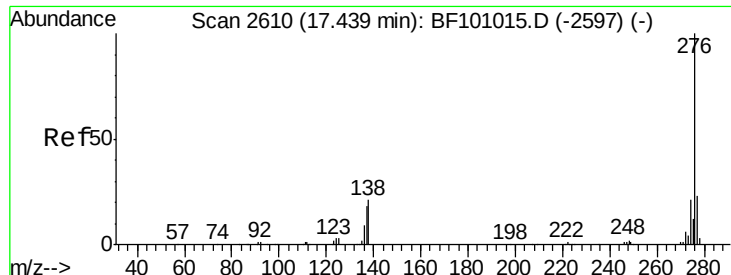
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.224 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF101328.D
Acq: 12 Dec 2017 14:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.272 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.03 min
 Lab File: BF101328.D
 Acq: 12 Dec 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :
 PB104934BS

Tot Ion:	276	Resp:	212458
Ion Ratio		Lower	Upper
276	100		
277	22.3	17.9	26.9
138	20.7	21.8	32.8

Manual Integrations
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