

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103931.D
 Acq On : 26 Mar 2018 18:10
 Operator : JU/SJ
 Sample : PB107643BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:15:28 PM

Quant Time: Mar 27 08:08:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126565	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	531169	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	251010	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	472044	20.00	ng	0.00
75) Chrysene-d12	14.17	240	376831	20.00	ng	0.00
86) Perylene-d12	15.71	264	315070	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	912427	109.65	ng	0.01
7) Phenol-d6	6.60	99	1117792	109.80	ng	0.00
23) Nitrobenzene-d5	7.54	82	681879	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	311872	144.51	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1283922	81.59	ng	0.00
78) Terphenyl-d14	13.10	244	1364416	84.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	130919	31.952	ng	# 88
3) Pyridine	3.67	79	363665	32.269	ng	# 87
4) n-Nitrosodimethylamine	3.63	42	133809	32.201	ng	# 73
6) Aniline	6.64	93	313599	21.573	ng	96
8) 2-Chlorophenol	6.76	128	350089	40.162	ng	94
9) Benzaldehyde	6.53	77	79215	11.844	ng	95
10) Phenol	6.62	94	431519	39.890	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	326095	36.515	ng	92
12) 1,3-Dichlorobenzene	6.92	146	365735	36.838	ng	99
13) 1,4-Dichlorobenzene	6.99	146	372841	37.372	ng	98
14) 1,2-Dichlorobenzene	7.15	146	341747	36.916	ng	98
15) Benzyl Alcohol	7.11	79	295824	37.504	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	414861	32.662	ng	92
17) 2-Methylphenol	7.22	107	291494	37.551	ng	99
18) Hexachloroethane	7.49	117	135045	38.483	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	225561	34.573	ng	92
20) 3+4-Methylphenols	7.37	107	361464	36.692	ng	94
22) Acetophenone	7.38	105	460557	33.737	ng	# 93
24) Nitrobenzene	7.56	77	355278	39.730	ng	96
25) Isophorone	7.79	82	650259	36.878	ng	99
26) 2-Nitrophenol	7.87	139	190854	54.504	ng	97
27) 2,4-Dimethylphenol	7.90	122	325932	43.148	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	420180	39.353	ng	99
29) 2,4-Dichlorophenol	8.11	162	294064	42.789	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	298488	37.447	ng	98
31) Naphthalene	8.28	128	1001022	37.307	ng	99
32) Benzoic acid	8.02	122	216061	42.077	ng	98
33) 4-Chloroaniline	8.32	127	113496	10.082	ng	96
34) Hexachlorobutadiene	8.39	225	158643	36.301	ng	99
35) Caprolactam	8.70	113	98161m	41.480	ng	
36) 4-Chloro-3-methylphenol	8.80	107	319286	42.143	ng	96
37) 2-Methylnaphthalene	8.97	142	668976	39.315	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	281788	39.350	ng	99
40) Hexachlorocyclopentadiene	9.12	237	297177	80.424	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	205306	44.823	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	219145	42.389	nq	95
45) 1,1'-Biphenyl	9.43	154	788475	37.671	nq	99
46) 2-Chloronaphthalene	9.46	162	629459	37.864	nq	98
47) 2-Nitroaniline	9.56	65	187815	43.870	nq	93
48) Acenaphthylene	9.88	152	967938	37.547	nq	100
49) Dimethylphthalate	9.73	163	756474	39.501	nq	100
50) 2,6-Dinitrotoluene	9.80	165	172866	46.773	nq	92
51) Acenaphthene	10.05	154	566284	36.995	nq	99
52) 3-Nitroaniline	9.97	138	95575	23.630	nq	95
53) 2,4-Dinitrophenol	10.08	184	174900	114.579	nq #	18
54) Dibenzofuran	10.23	168	865396	39.585	nq	98
55) 4-Nitrophenol	10.13	139	302665	85.931	nq	93
56) 2,4-Dinitrotoluene	10.20	165	235711	49.934	nq	94
57) Fluorene	10.57	166	682801	40.250	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	180248	49.205	nq	92
59) Diethylphthalate	10.43	149	746583	39.278	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	318588	41.093	nq	94
61) 4-Nitroaniline	10.59	138	186943	44.080	nq	89
62) Azobenzene	10.72	77	691852	35.802	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	112572	58.632	nq	82
65) n-Nitrosodiphenylamine	10.67	169	612166	38.100	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	199004	41.060	nq	95
67) Hexachlorobenzene	11.12	284	215543	38.965	nq	94
68) Atrazine	11.20	200	203890	41.021	nq	98
69) Pentachlorophenol	11.31	266	229302	72.102	nq	96
70) Phenanthrene	11.54	178	997457	38.628	nq	98
71) Anthracene	11.59	178	1026538	39.142	nq	99
72) Carbazole	11.74	167	963135	37.784	nq	99
73) Di-n-butylphthalate	12.06	149	1179478	38.563	nq	99
74) Fluoranthene	12.73	202	1052594	39.568	nq	100
76) Benzidine	12.84	184	342998	21.341	nq	99
77) Pyrene	12.96	202	1061666	38.363	nq	100
79) Butylbenzylphthalate	13.56	149	513559	41.885	nq	99
80) Benzo(a)anthracene	14.16	228	926178	38.828	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	185940	23.304	nq	98
82) Chrysene	14.20	228	867320	38.144	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	686957	39.219	nq	99
84) Di-n-octyl phthalate	14.75	149	1140672	44.763	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	750825	37.811	nq	97
87) Benzo(b)fluoranthene	15.25	252	834442	41.920	nq	98
88) Benzo(k)fluoranthene	15.29	252	740433	38.696	nq	99
89) Benzo(a)pyrene	15.64	252	735188	40.721	nq	98
90) Dibenzo(a,h)anthracene	17.32	278	618902	39.589	nq	98
91) Benzo(g,h,i)perylene	17.78	276	625757	41.145	nq	97

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

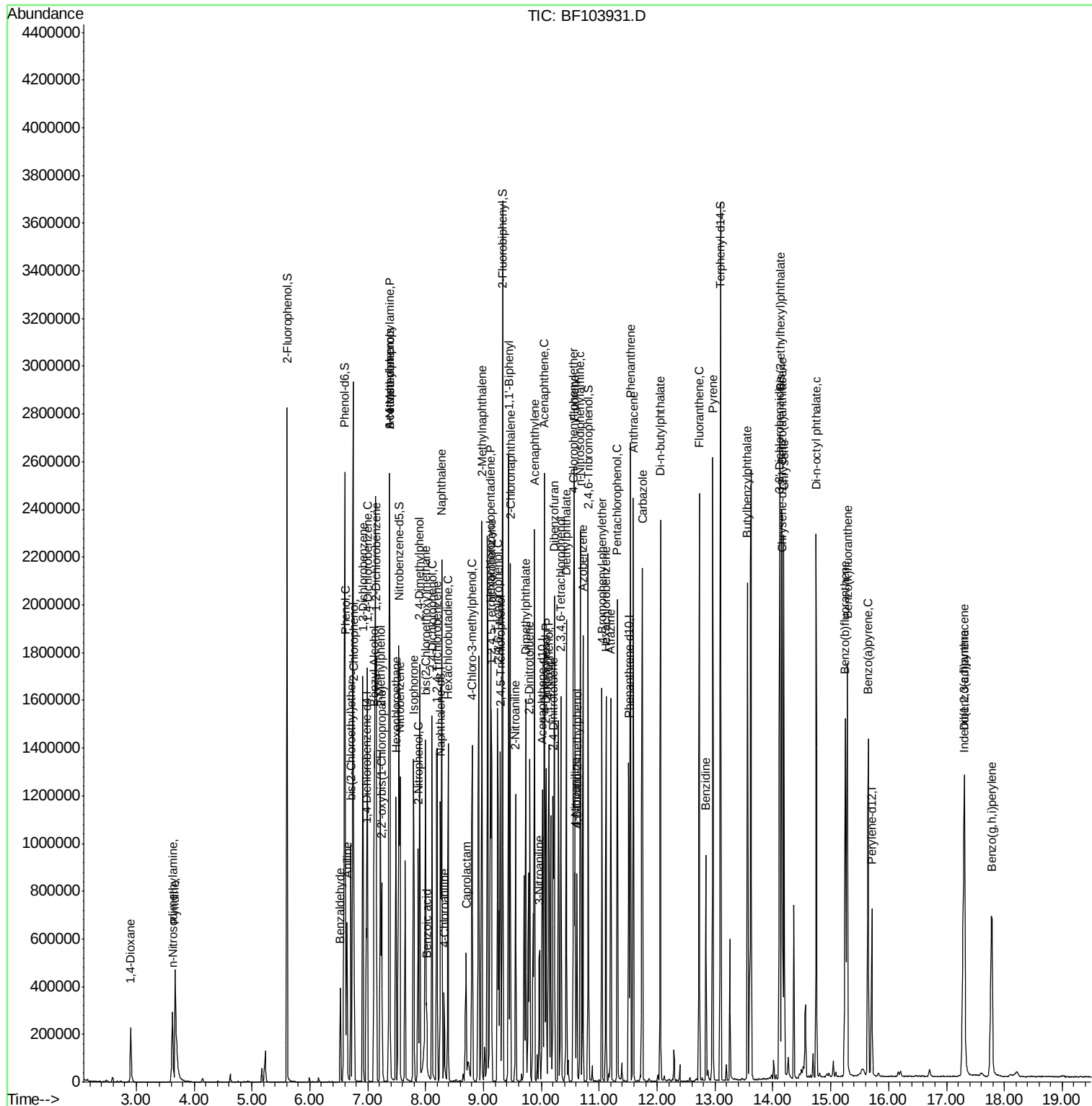
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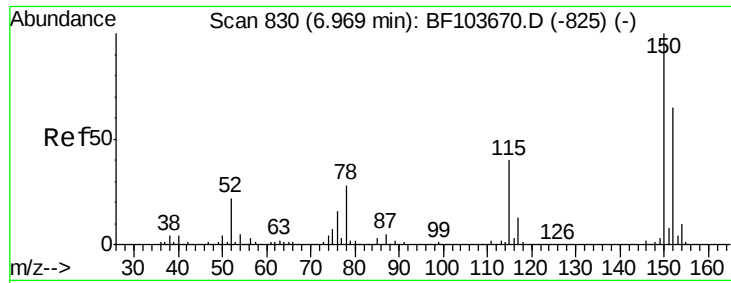
Instrument :
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#1

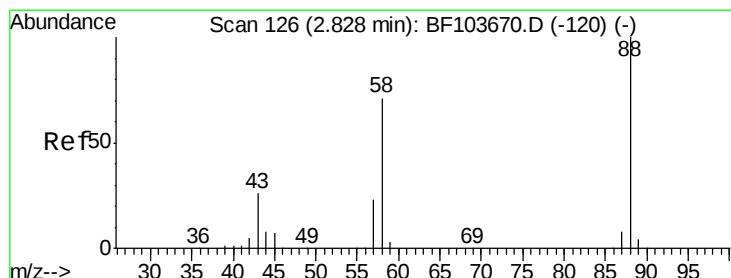
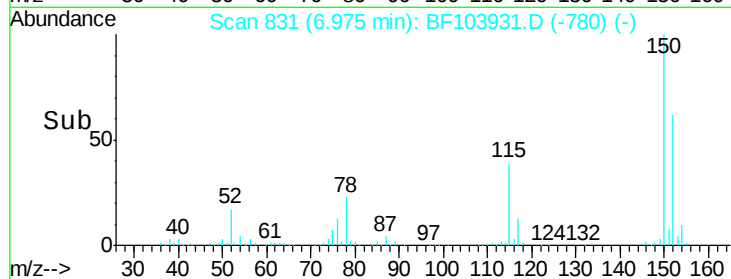
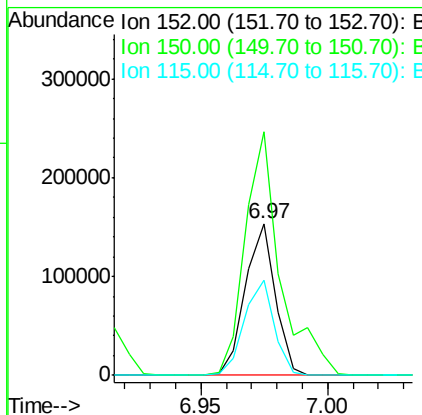
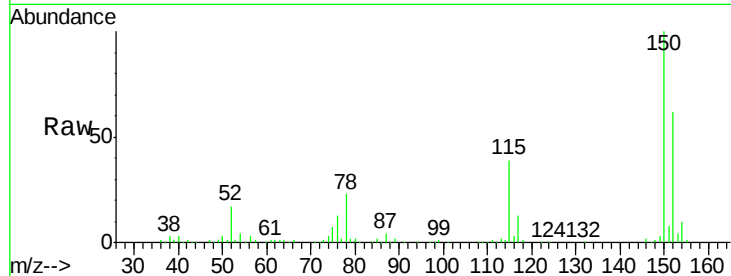
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	62.3	50.1	75.1

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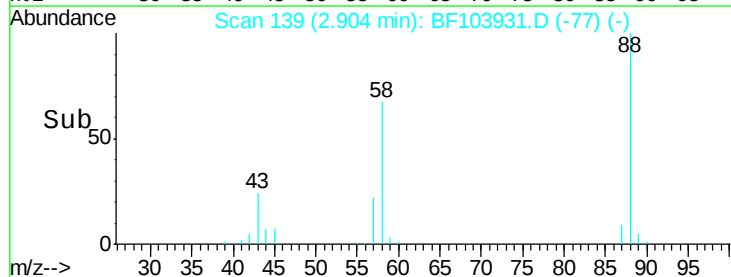
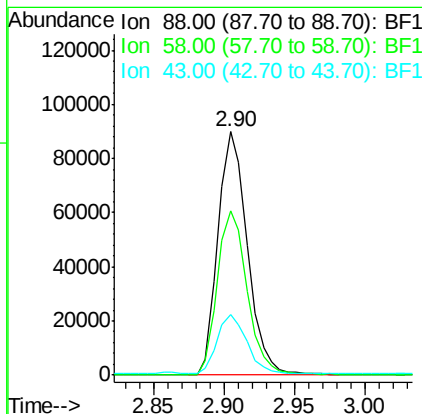
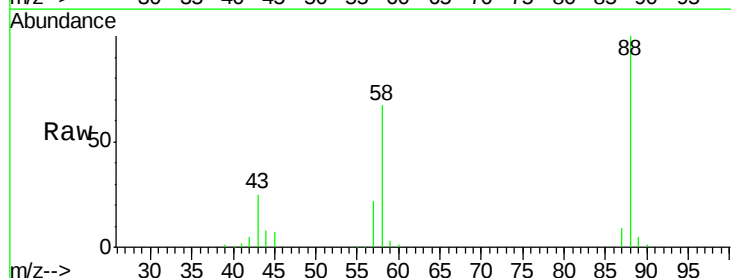
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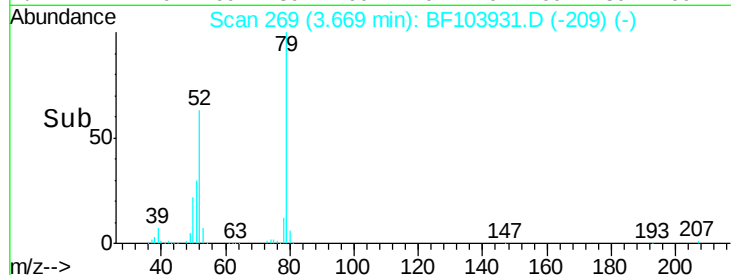
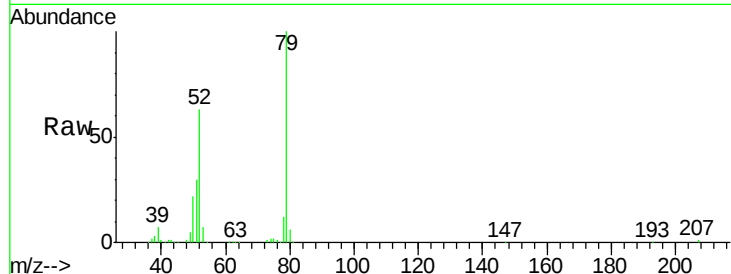
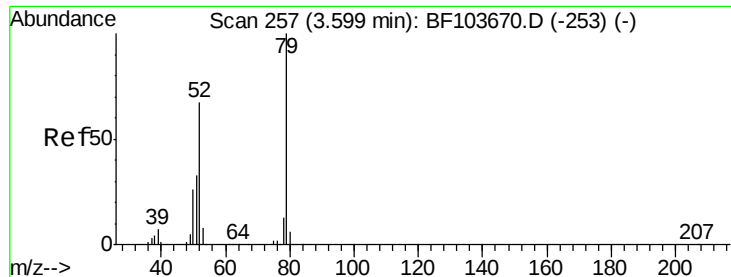


#2

1,4-Dioxane
Concen: 31.952 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.06 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	62.6	93.8
43	24.0	24.6	37.0





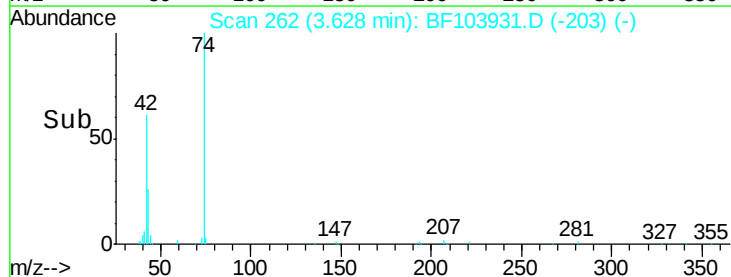
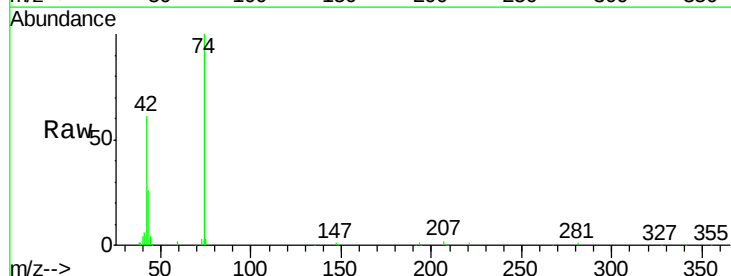
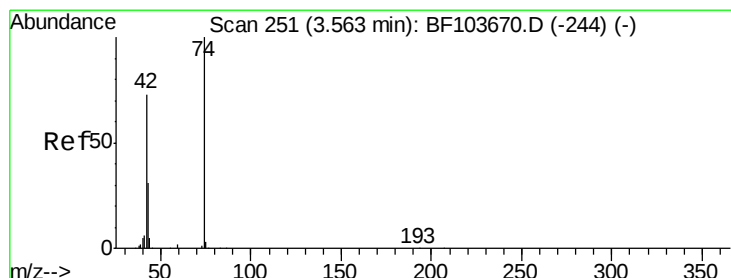
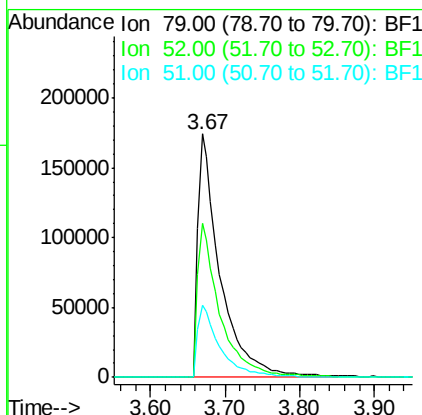
#3
 Pvridine
 Concen: 32.269 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.05 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	59.8	89.6
51	29.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

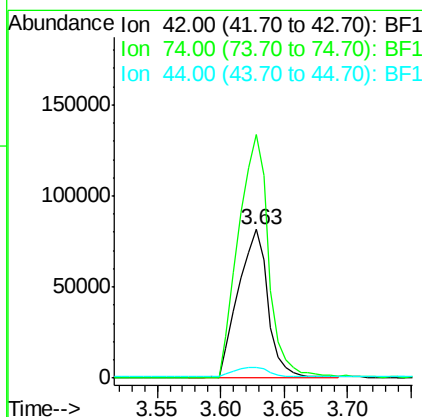
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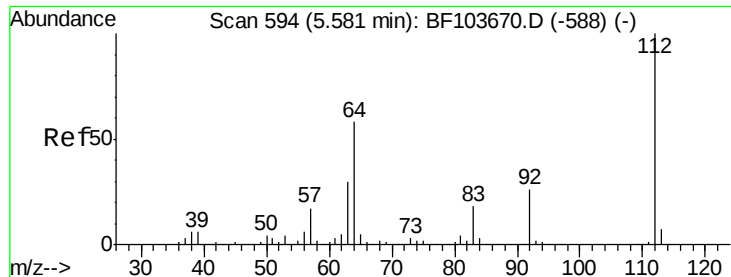
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#4
 n-Nitrosodimethylamine
 Concen: 32.201 ng
 RT: 3.63 min Scan# 262
 Delta R.T. 0.05 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.9	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 109.651 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

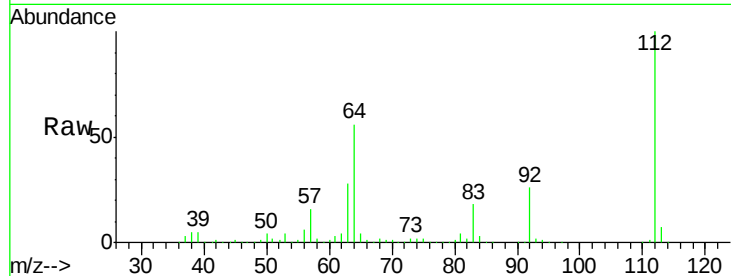
ClientSampleId :

PB107643BSD

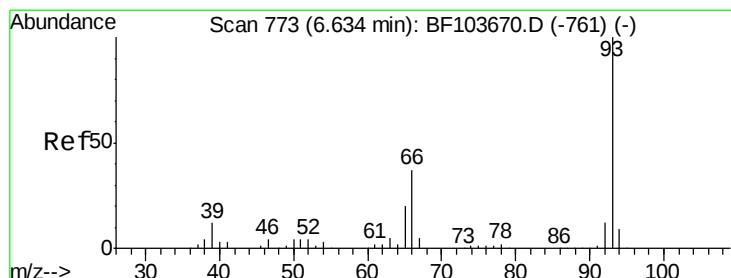
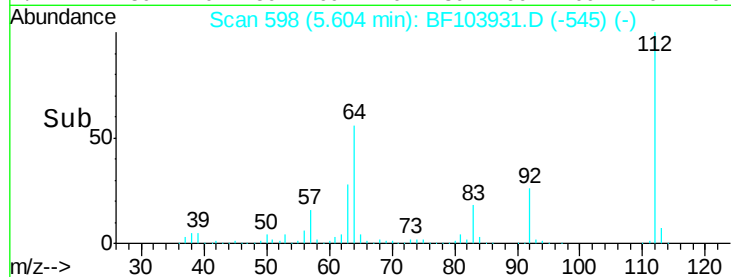
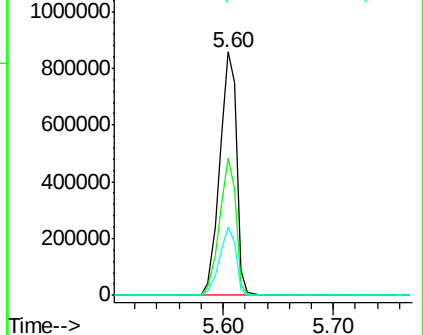
Tot Ion:	112	Resp:	912427
Ion Ratio	Lower	Upper	
112	100		
64	56.4	47.9	71.9
63	28.0	23.7	35.5

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



#6

Aniline

Concen: 21.573 ng

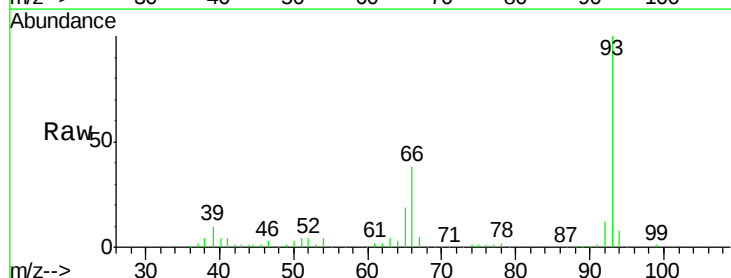
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

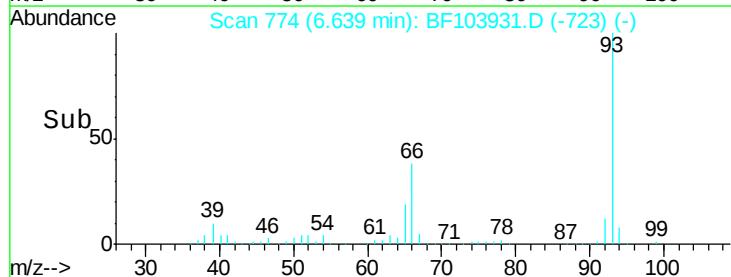
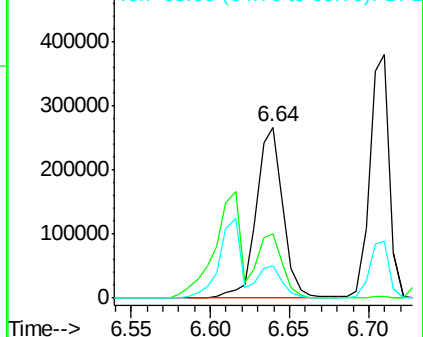
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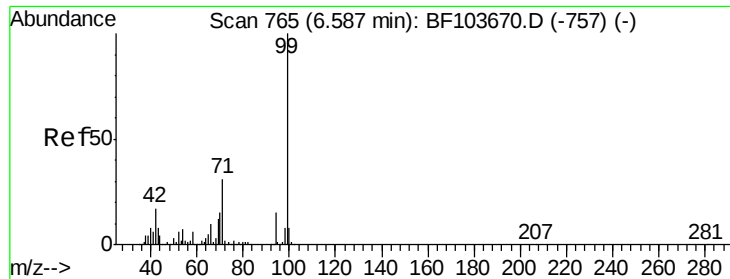
Acq: 26 Mar 2018 18:10

Tgt Ion:	93	Resp:	313599
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.2	48.2
65	18.7	16.4	24.6



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





#7

Phenol-d6

Concen: 109.798 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

ClientSampleId :

PB107643BSD

Tot Ion: 99 Resp: 1117792

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

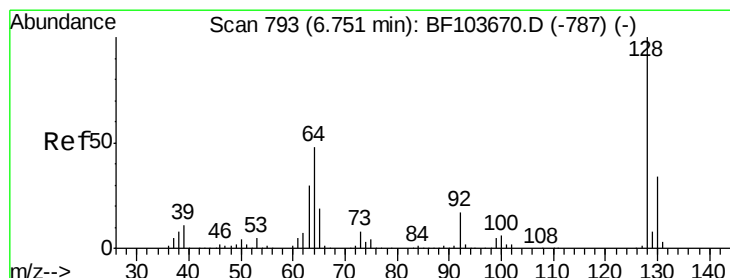
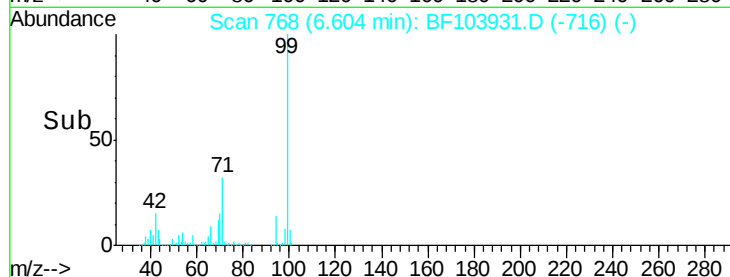
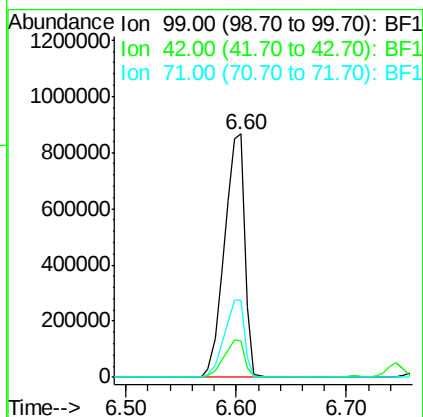
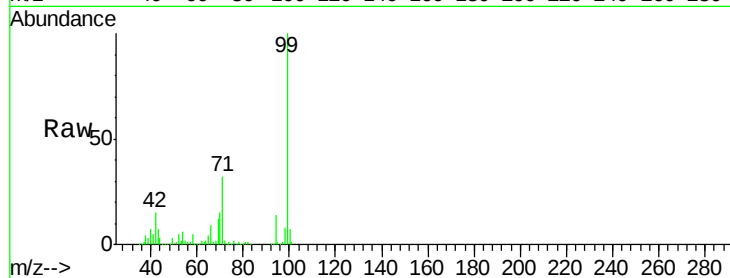
71 31.8 25.4 38.0

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#8

2-Chlorophenol

Concen: 40.162 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

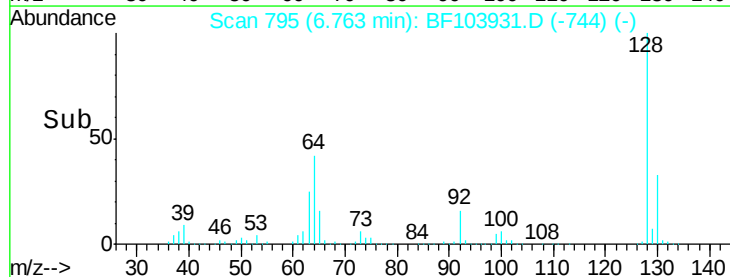
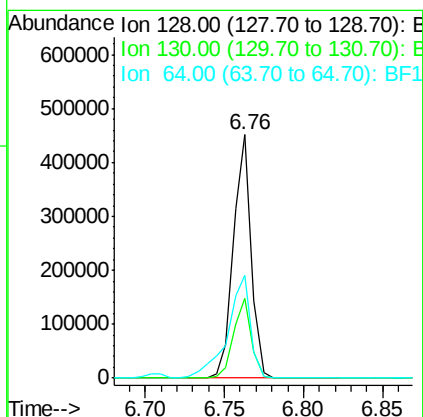
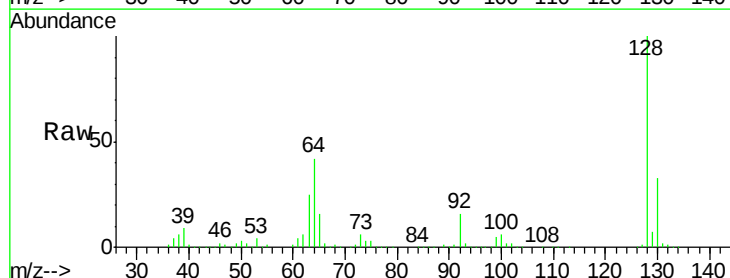
Tgt Ion: 128 Resp: 350089

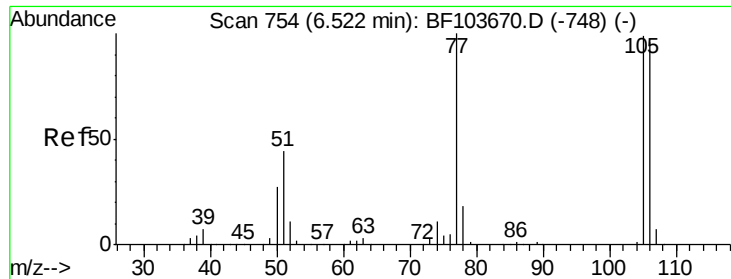
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 42.3 29.4 69.4





#9

Benzaldehyde

Concen: 11.844 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

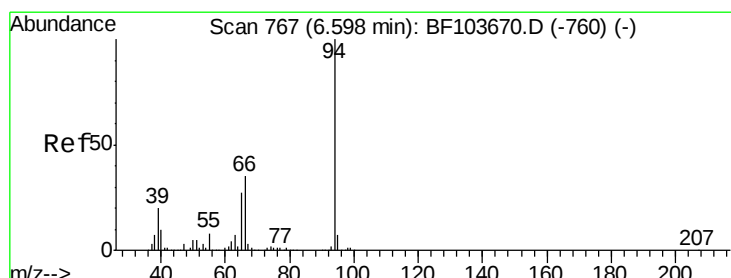
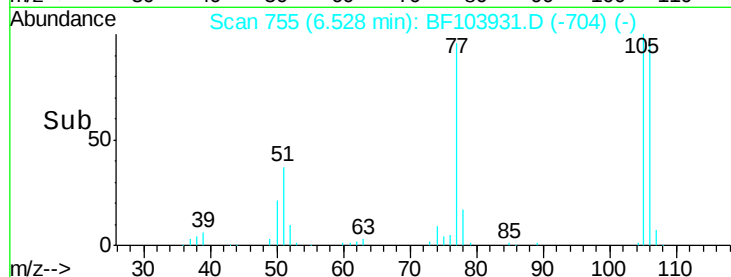
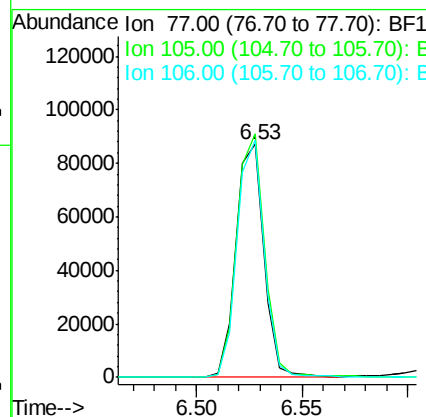
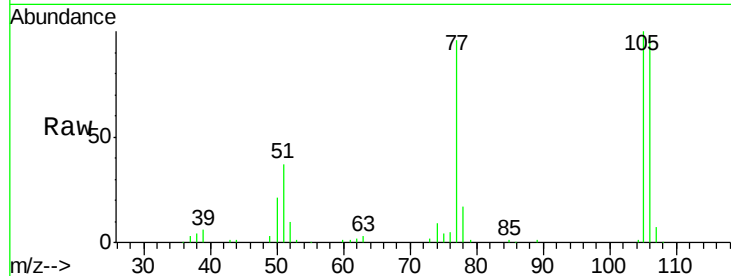
ClientSampleId :

PB107643BSD

Tot Ion:	77	Resp:	79215
Ion	Ratio	Lower	Upper
77	100		
105	104.5	81.1	121.1
106	101.8	74.5	114.5

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#10

Phenol

Concen: 39.890 ng

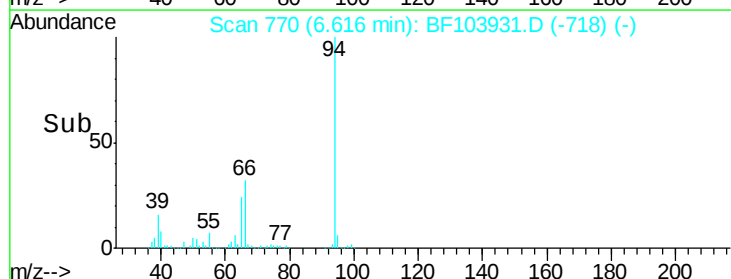
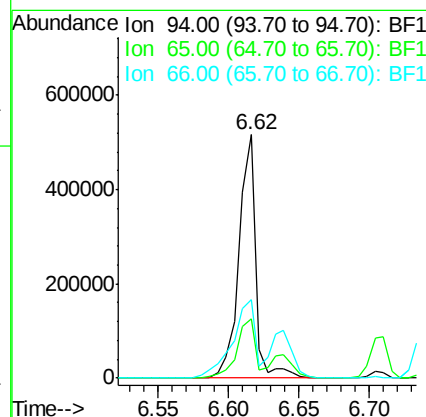
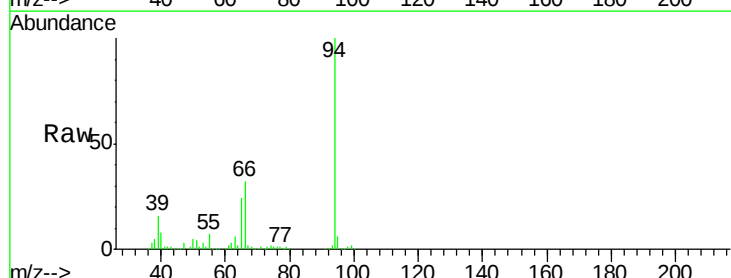
RT: 6.62 min Scan# 770

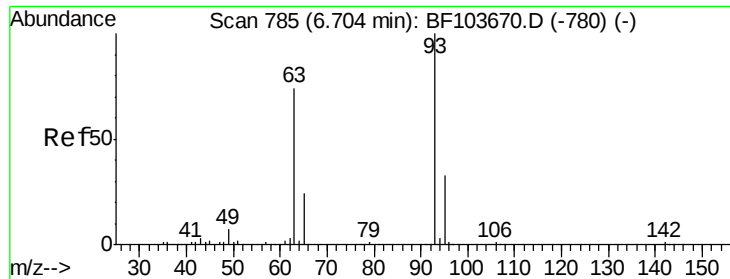
Delta R.T. 0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	94	Resp:	431519
Ion	Ratio	Lower	Upper
94	100		
65	24.2	7.9	47.9
66	32.3	16.2	56.2





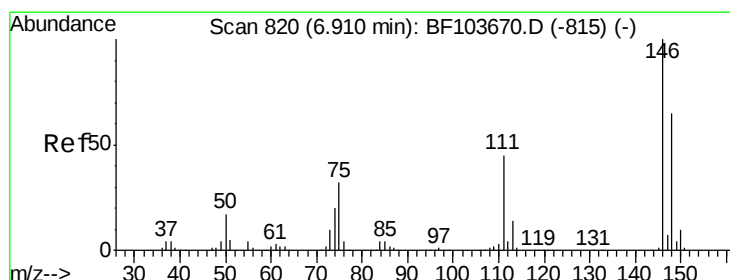
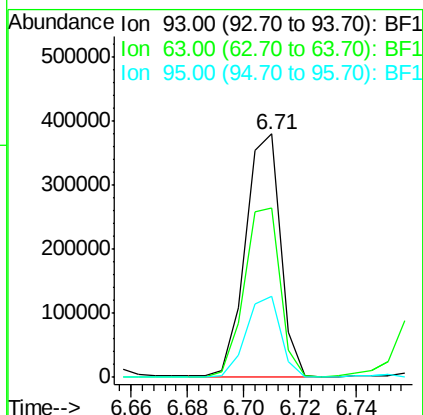
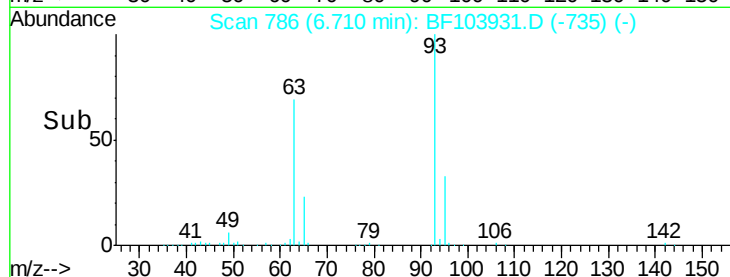
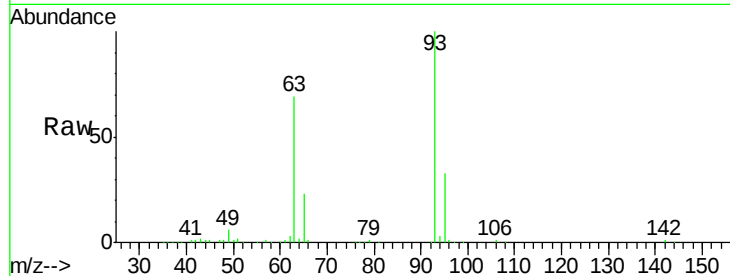
#11
bis(2-Chloroethyl)ether
Concen: 36.515 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	58.6	98.6
95	33.4	11.8	51.8

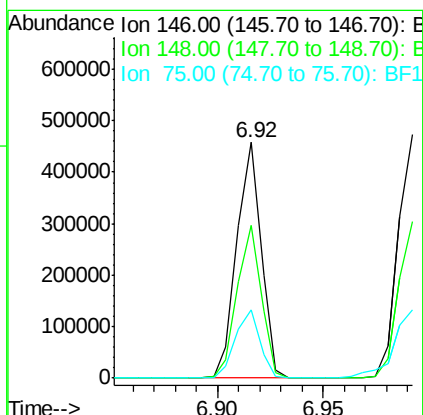
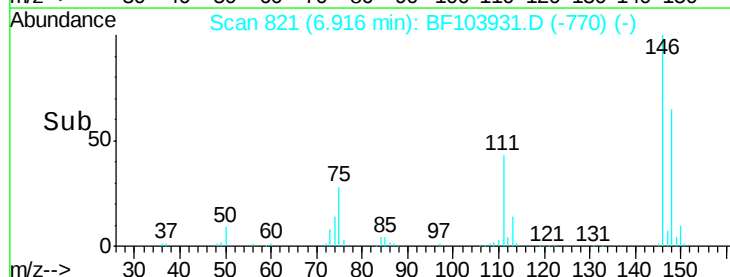
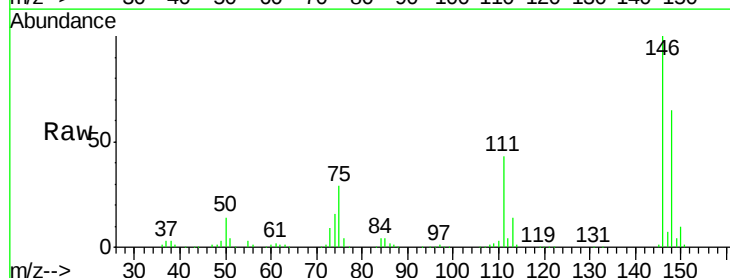
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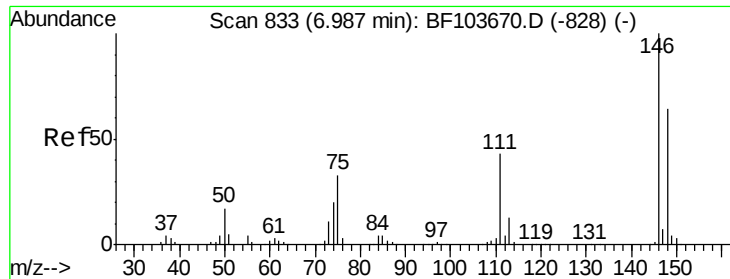
Sohil
3/27/2018 2:15:28 PM



#12
1,3-Dichlorobenzene
Concen: 36.838 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	29.2	24.2	36.4





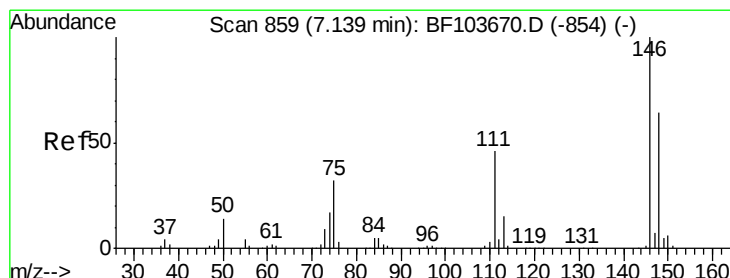
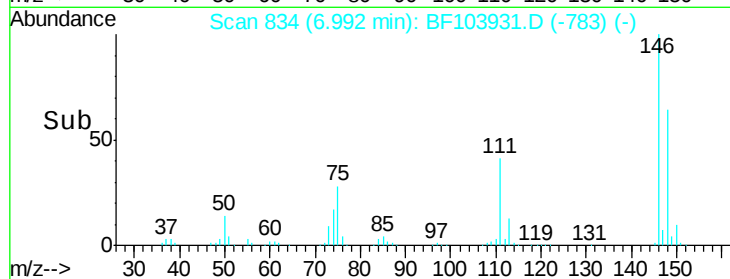
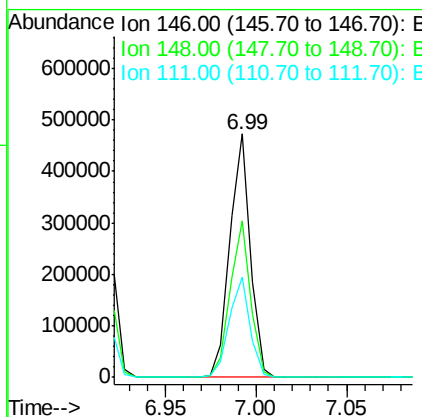
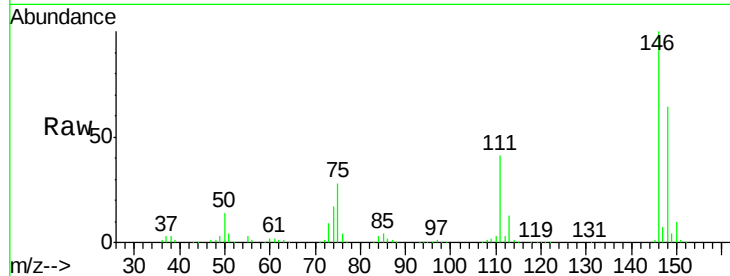
#13
 1,4-Dichlorobenzene
 Concen: 37.372 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	40.9	34.2	51.2

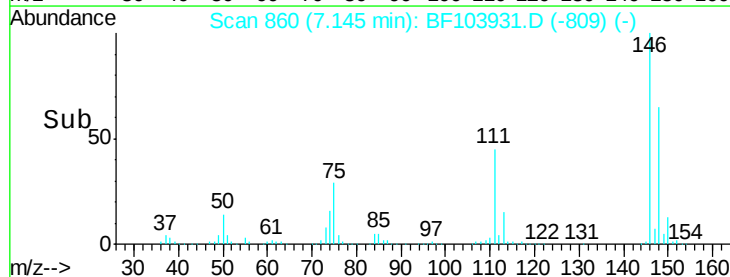
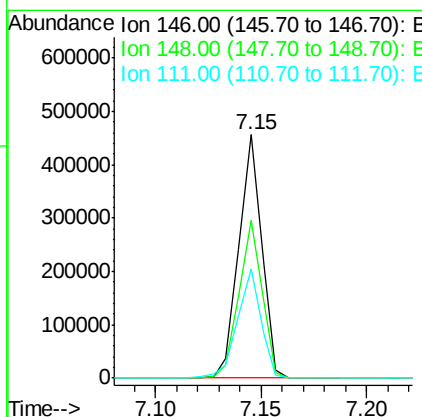
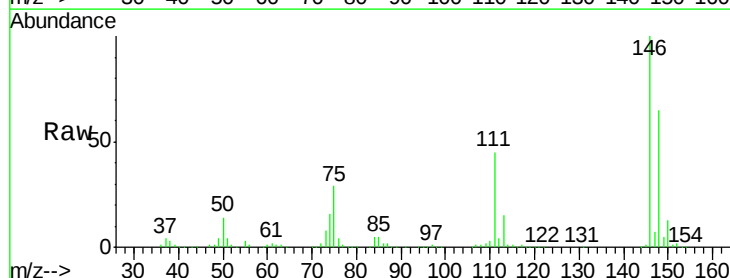
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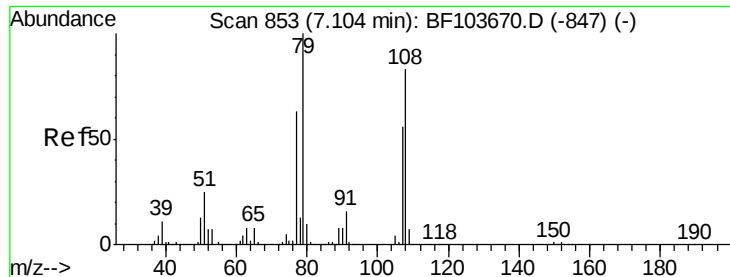
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.916 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	44.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.504 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

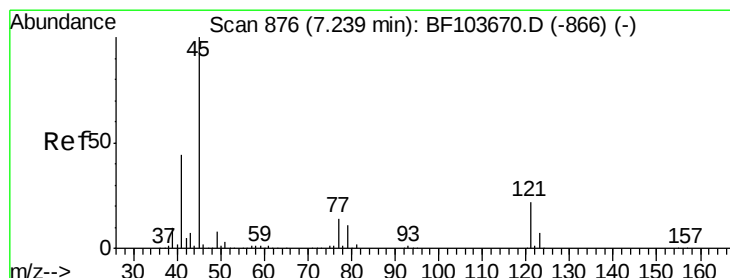
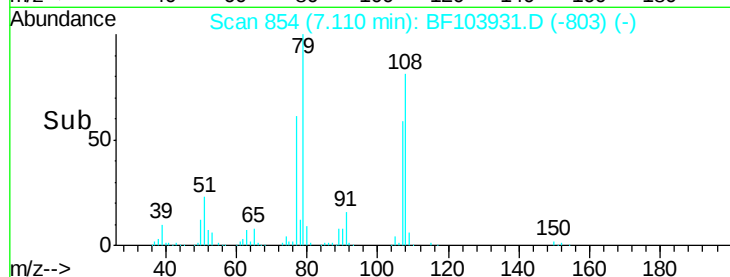
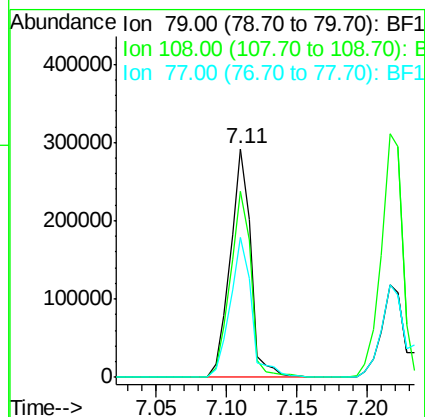
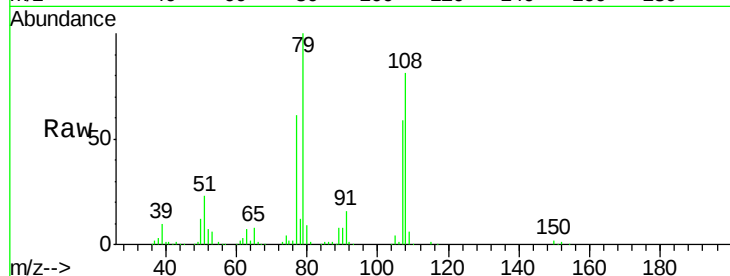
ClientSampleId :

PB107643BSD

Tot Ion:	79	Resp:	295824
Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	61.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.662 ng

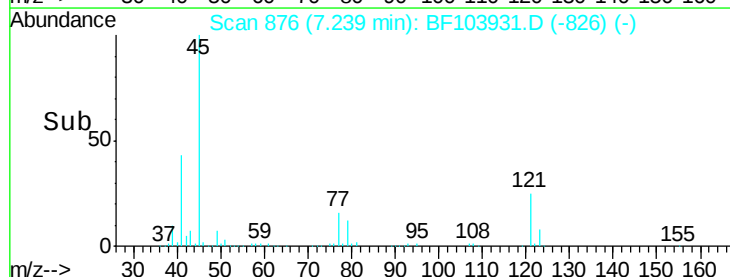
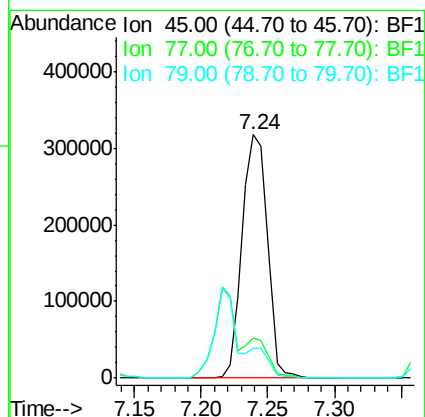
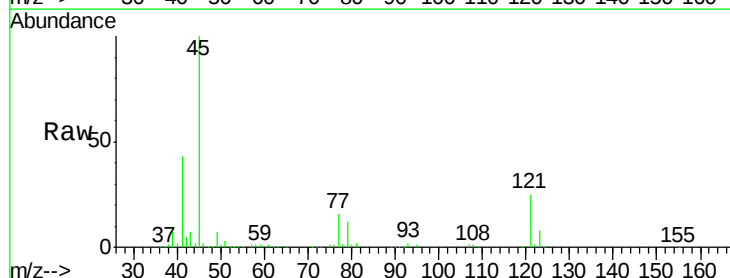
RT: 7.24 min Scan# 876

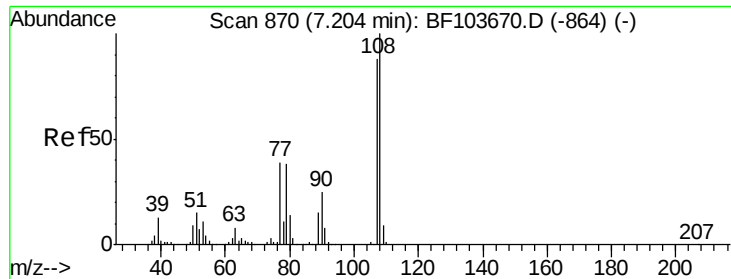
Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	45	Resp:	414861
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	32.9
79	12.3	0.0	29.6





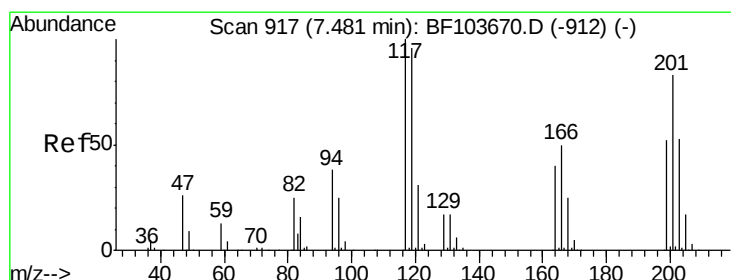
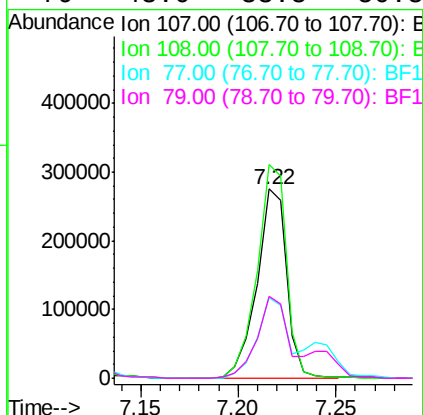
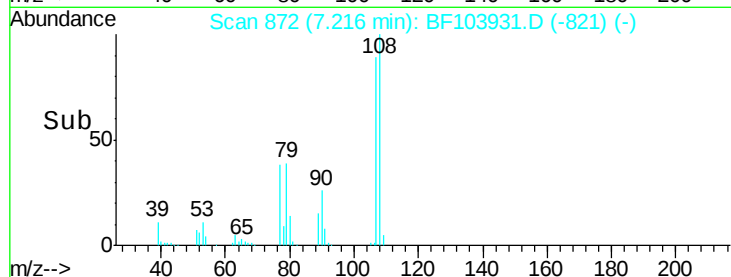
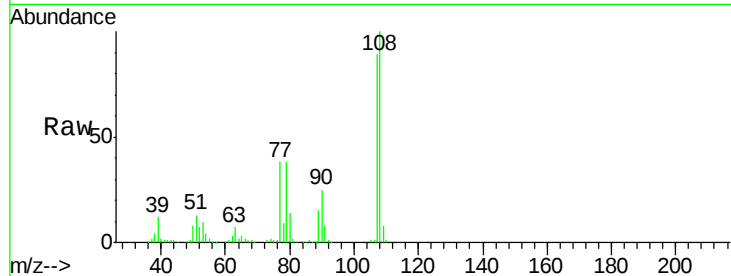
#17
2-Methylphenol
Concen: 37.551 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	107	Resp	291494
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.7	137.5
77	42.8	33.8	50.8
79	43.0	33.8	50.8

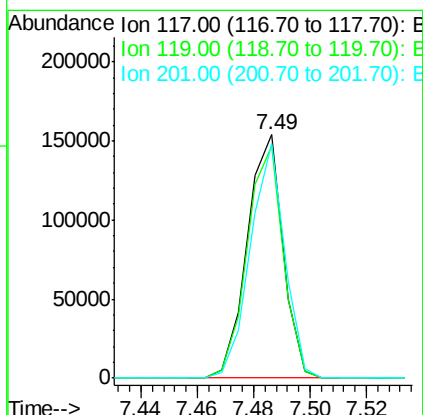
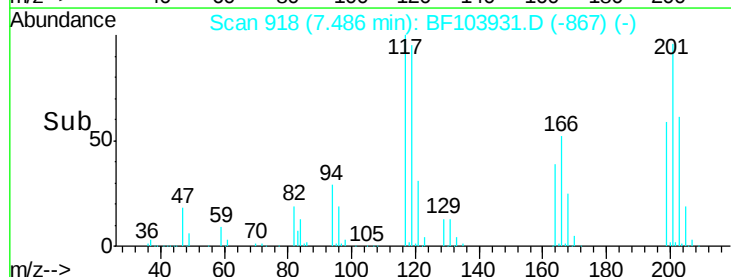
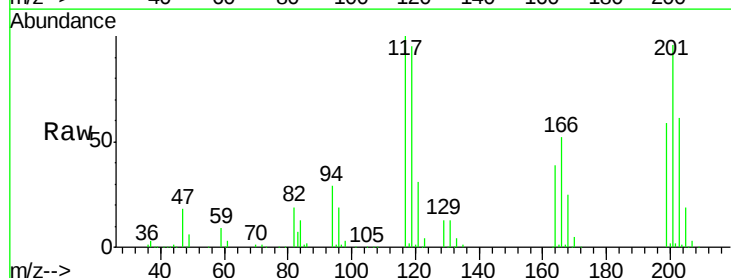
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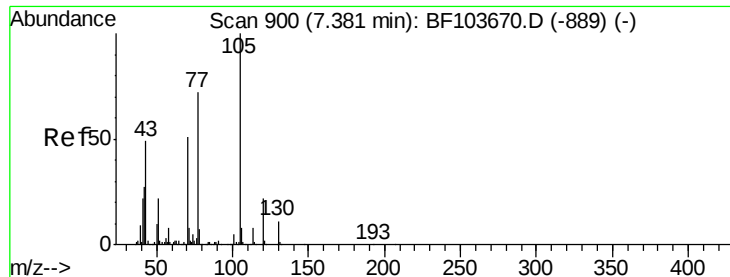
Sohil
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#18
Hexachloroethane
Concen: 38.483 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	117	Resp	135045
Ion Ratio	Lower	Upper	
117	100		
119	95.3	75.8	113.8
201	96.4	75.7	113.5





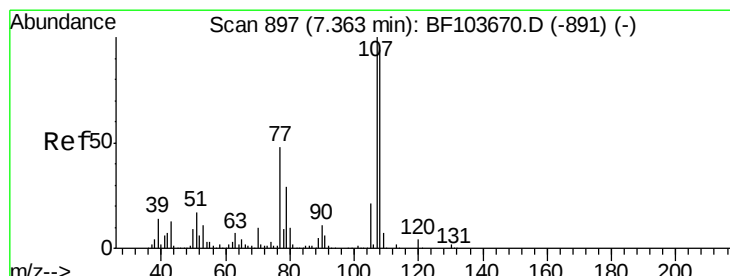
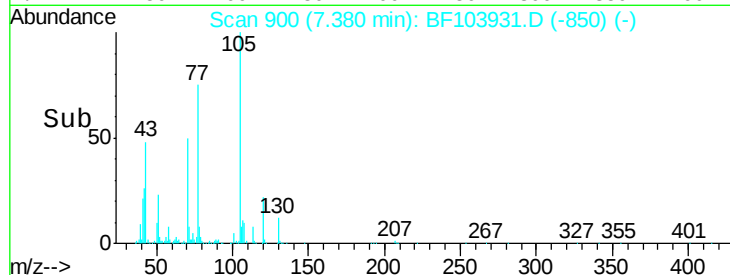
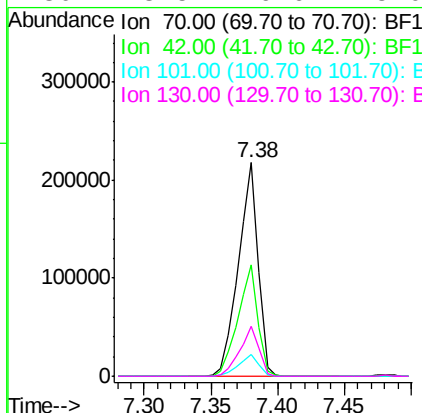
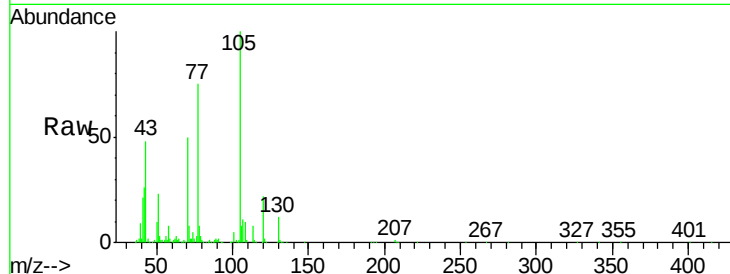
#19
n-Nitroso-di-n-propylamine
Concen: 34.573 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	70	Resp	225561
Ion Ratio	Lower	Upper	
70	100		
42	51.9	47.5	71.3
101	10.3	7.4	11.2
130	23.5	16.6	25.0

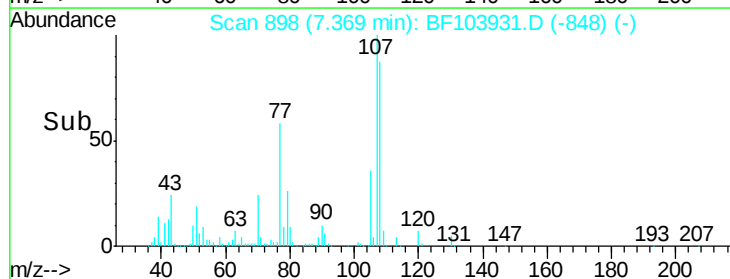
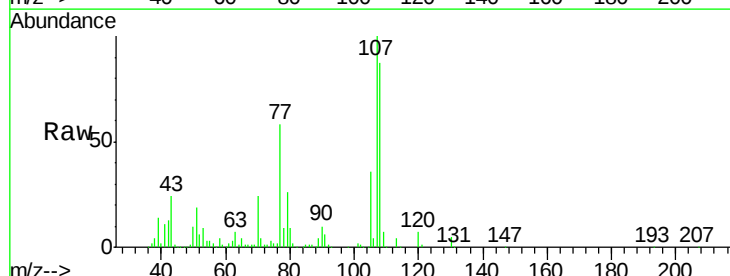
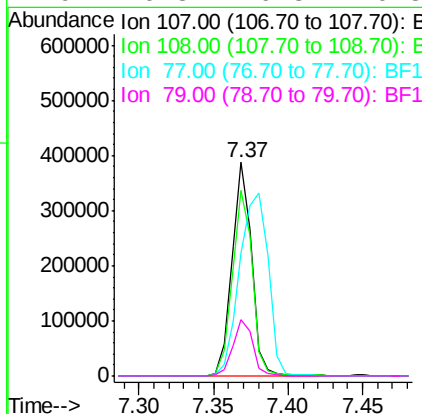
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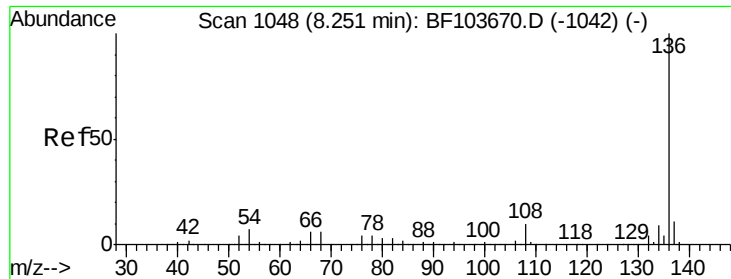
Sohil
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#20
3+4-Methylphenols
Concen: 36.692 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	107	Resp	361464
Ion Ratio	Lower	Upper	
107	100		
108	86.8	68.2	108.2
77	57.6	26.7	66.7
79	26.3	6.3	46.3





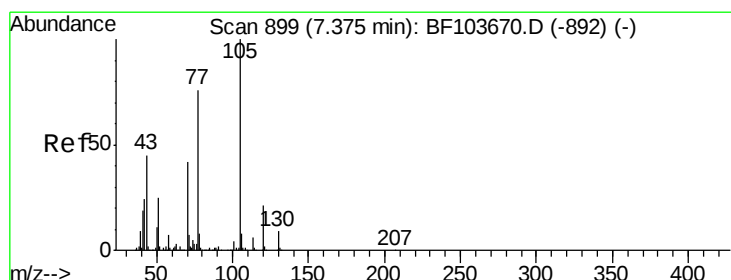
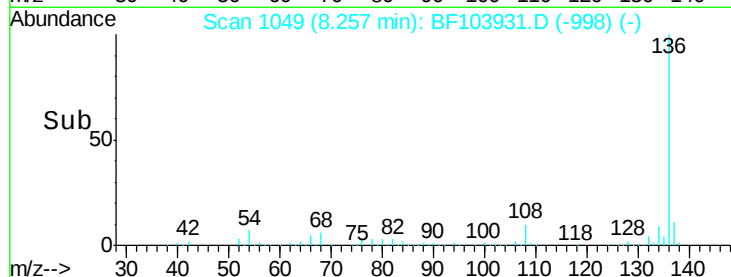
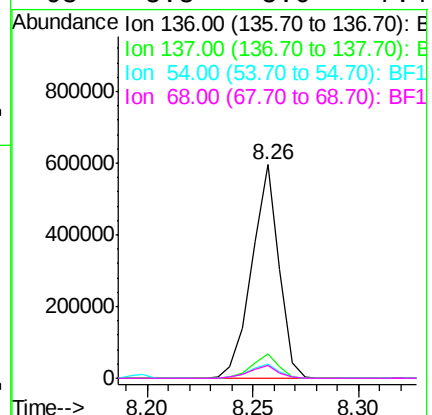
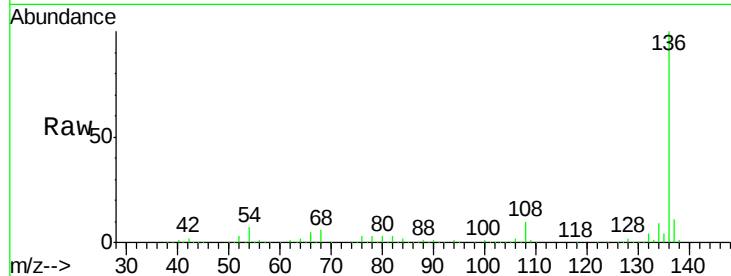
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531169		
137	11.2	8.9	13.3	
54	6.5	6.6	9.8	
68	5.8	5.0	7.4	

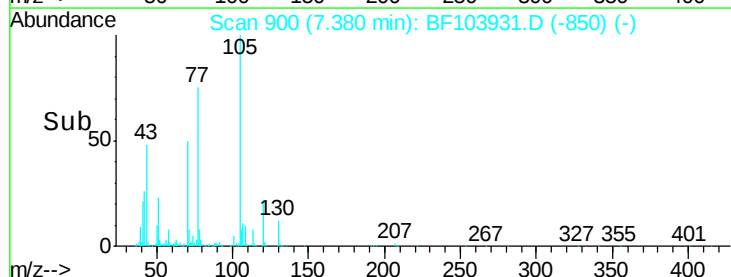
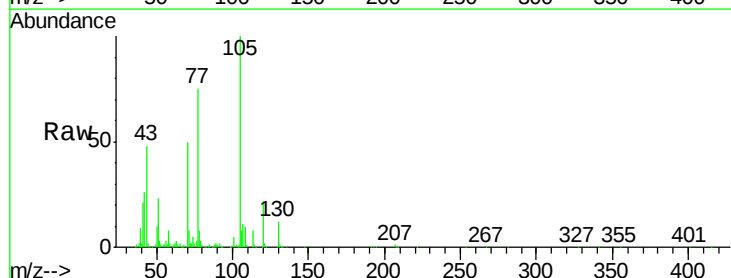
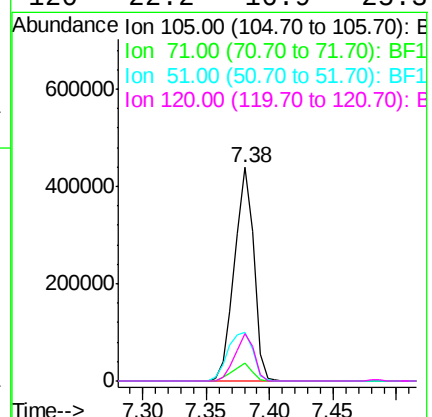
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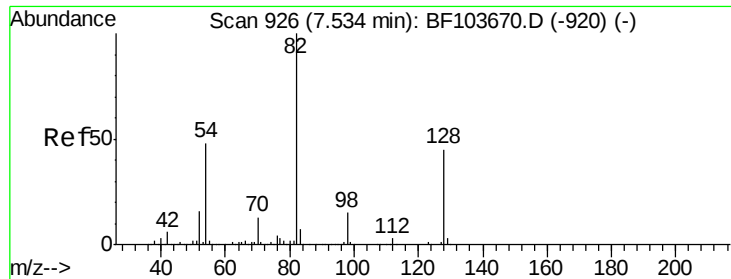
Sohil
3/27/2018 2:15:28 PM



#22
Acetophenone
Concen: 33.737 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	460557		
71	8.5	4.4	6.6	
51	22.7	22.3	33.5	
120	22.2	16.9	25.3	





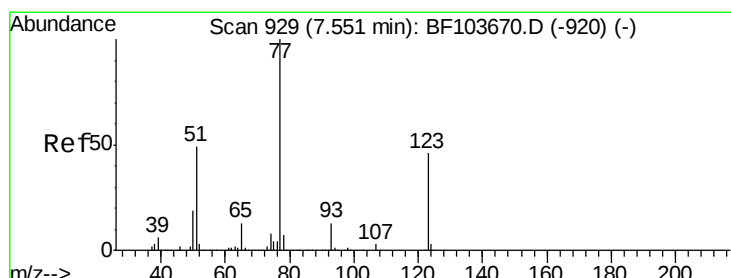
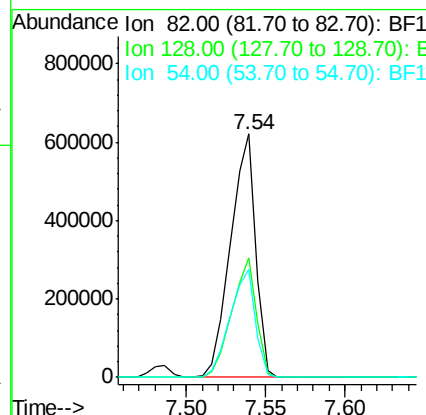
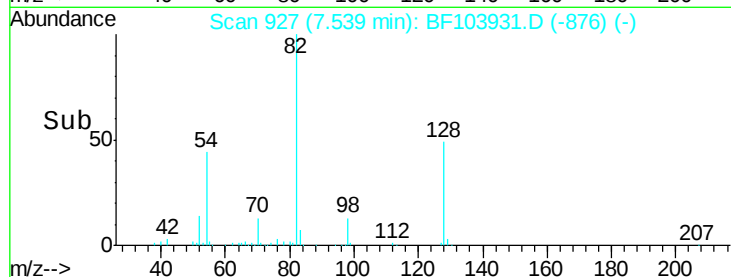
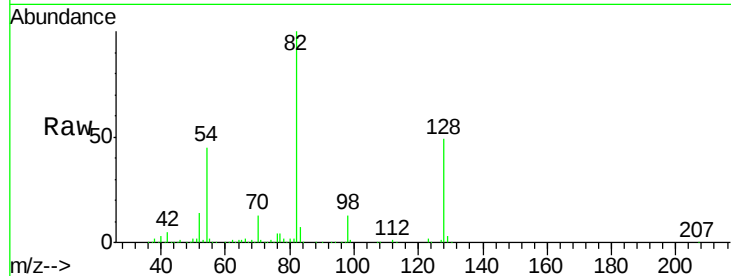
#23
 Nitrobenzene-d5
 Concen: 89.522 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	44.5	41.4	62.2

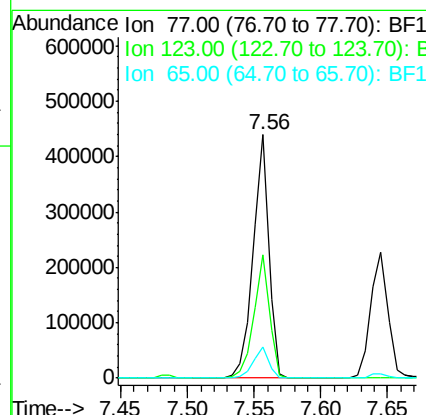
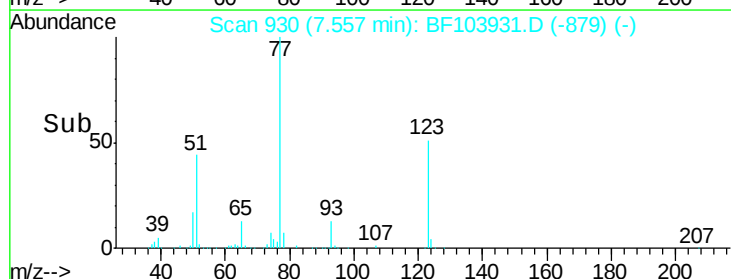
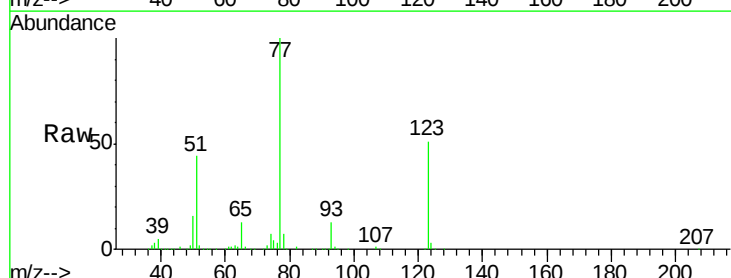
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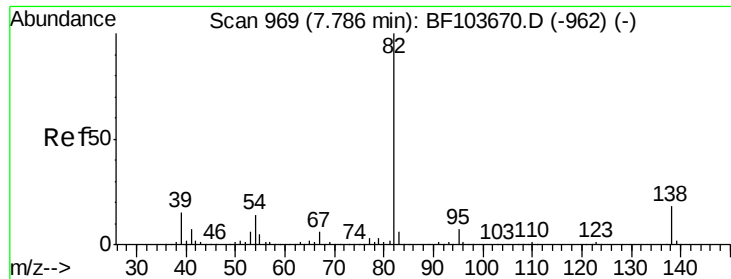
Sohil
 3/27/2018 2:15:28 PM



#24
 Nitrobenzene
 Concen: 39.730 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	12.6	11.0	16.4





#25

Isophorone

Concen: 36.878 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

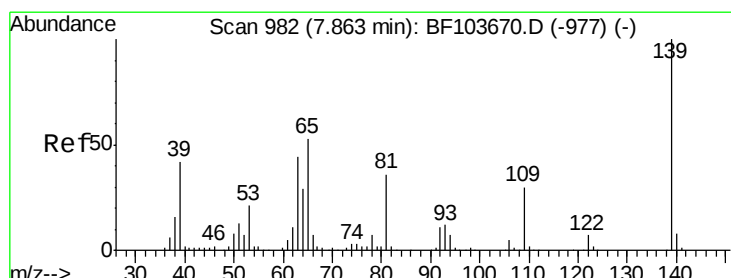
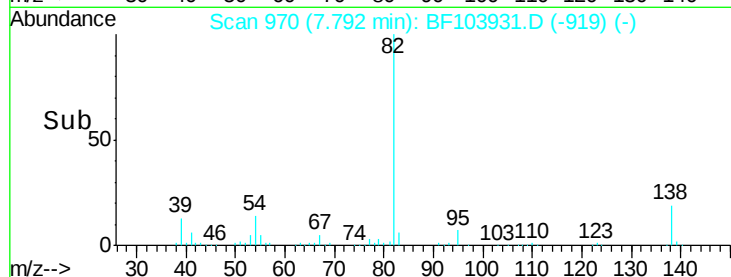
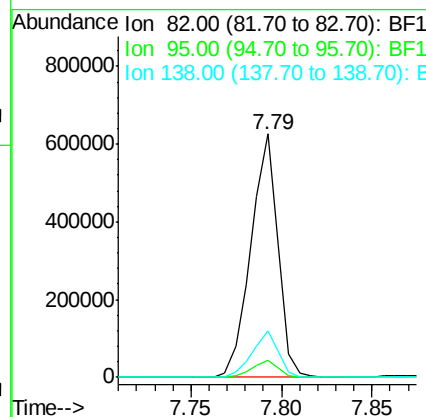
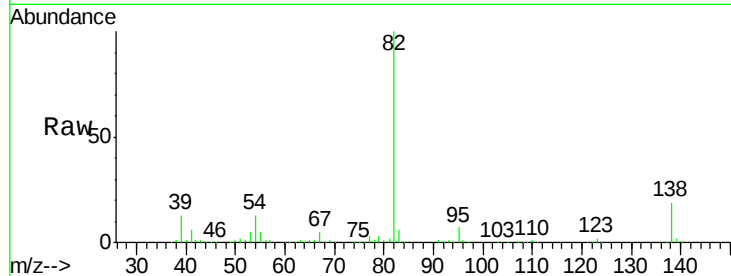
ClientSampleId :

PB107643BSD

Tot Ion:	82	Resp:	650259
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.504 ng

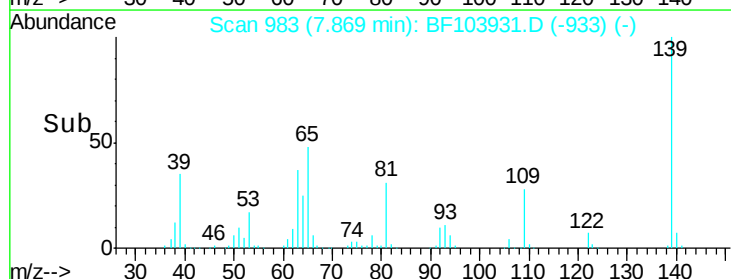
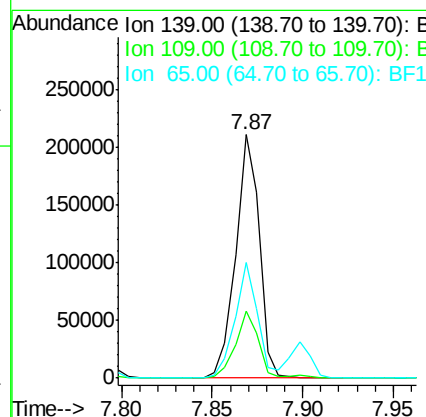
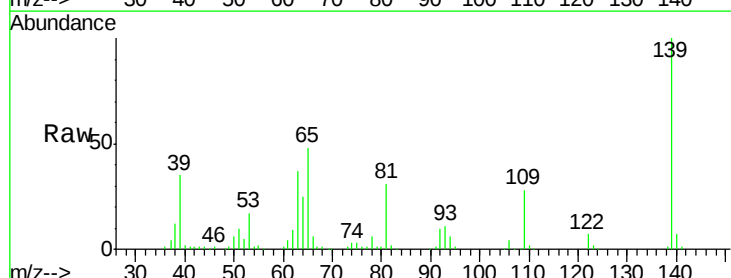
RT: 7.87 min Scan# 983

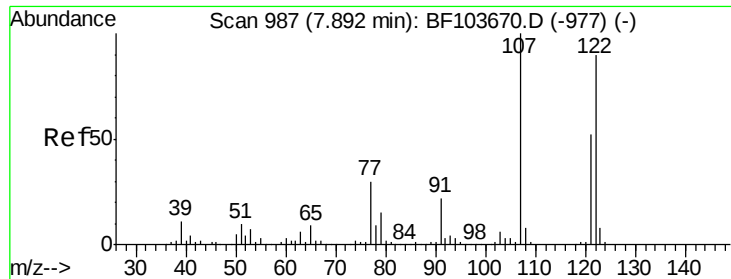
Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	139	Resp:	190854
Ion Ratio		Lower	Upper
139	100		
109	27.6	22.7	34.1
65	47.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.148 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

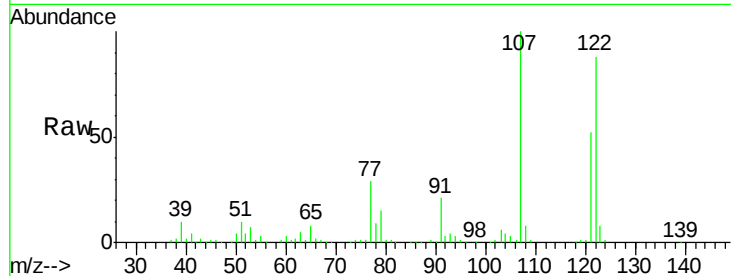
ClientSampled :

PB107643BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	59.1	47.2	70.8

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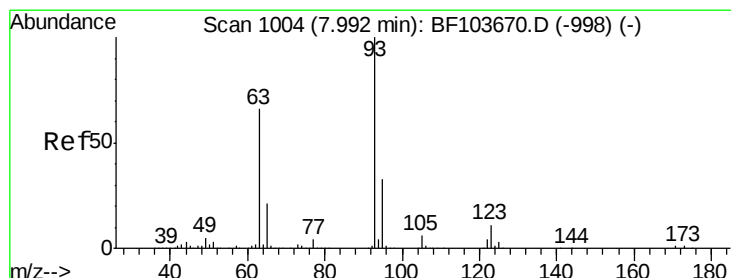
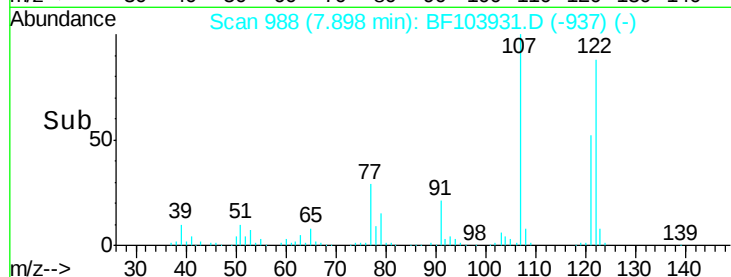
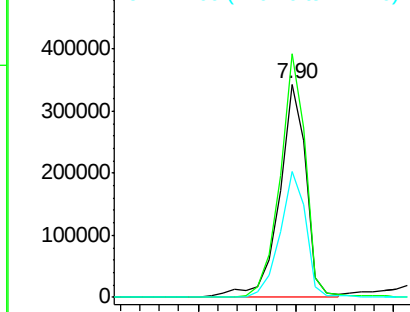


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.353 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

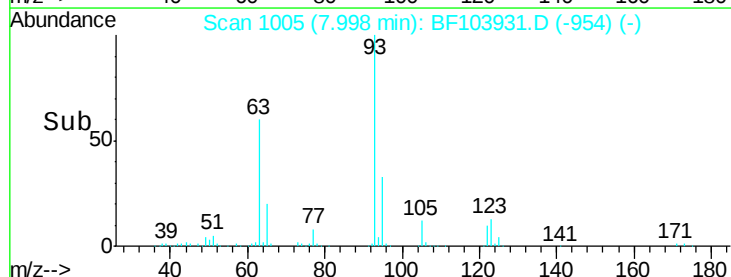
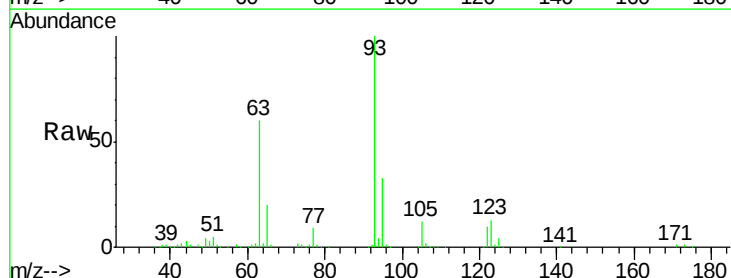
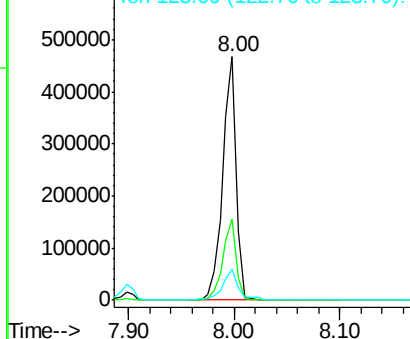
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	12.8	9.8	14.6

Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.789 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

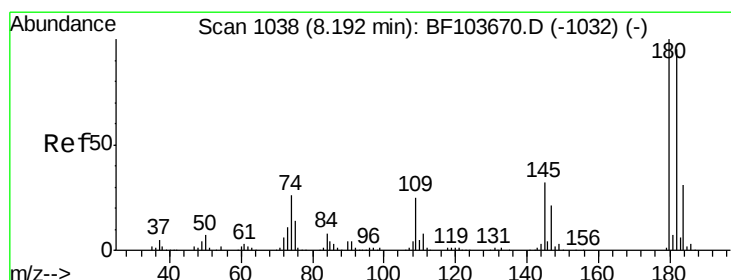
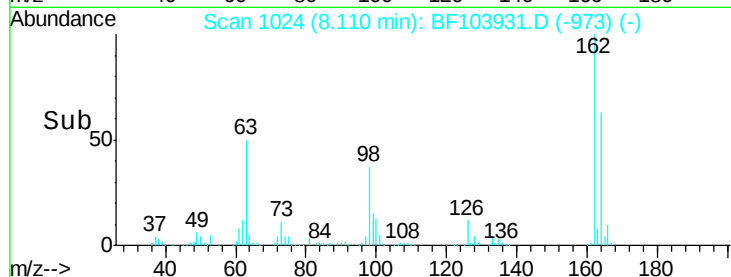
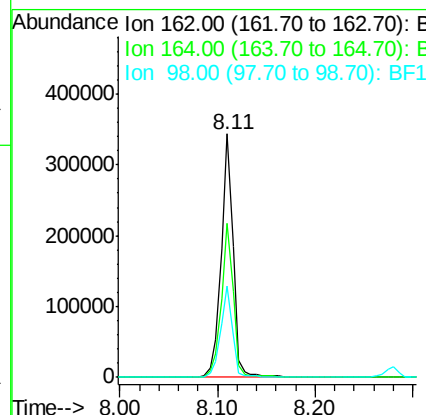
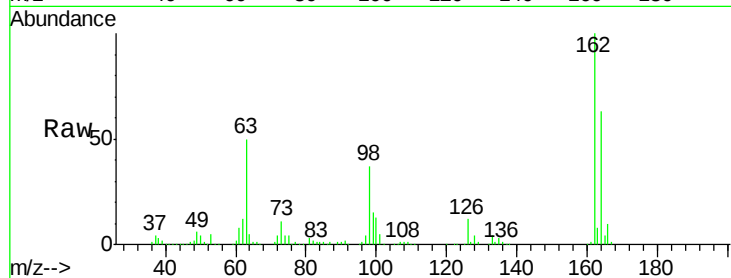
ClientSampleId :

PB107643BSD

Tot Ion:	162	Resp:	294064
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	37.3	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.447 ng

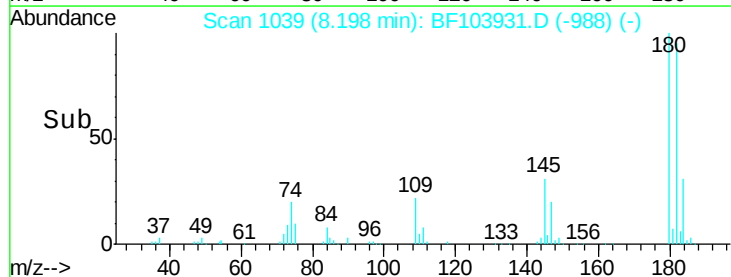
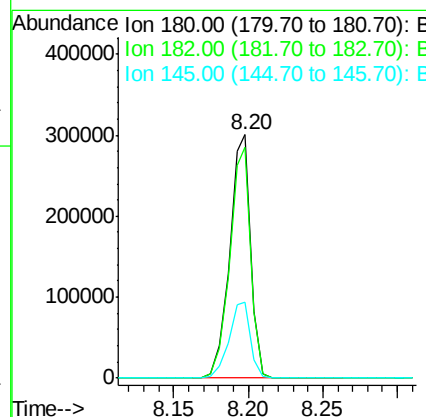
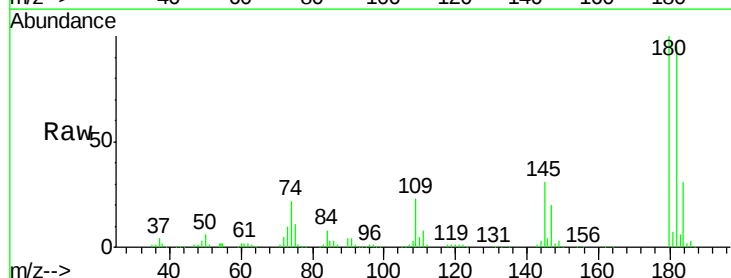
RT: 8.20 min Scan# 1039

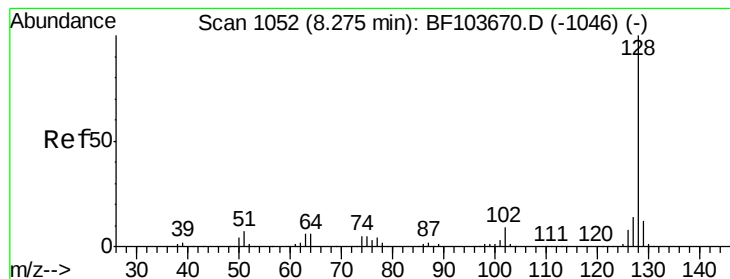
Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	180	Resp:	298488
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.8	115.2
145	31.2	26.5	39.7





#31

Naphthalene

Concen: 37.307 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

ClientSampleId :

PB107643BSD

Tot Ion:128 Resp: 1001022

Ion Ratio Lower Upper

128 100

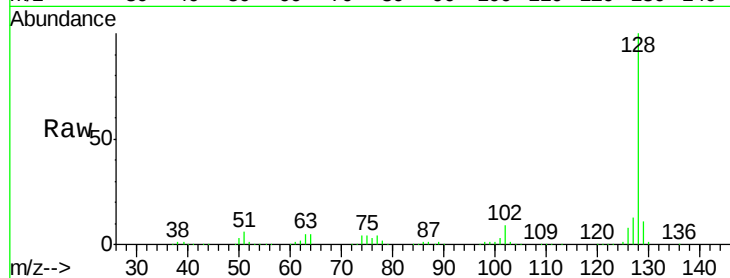
129 11.3 8.8 13.2

127 13.3 10.9 16.3

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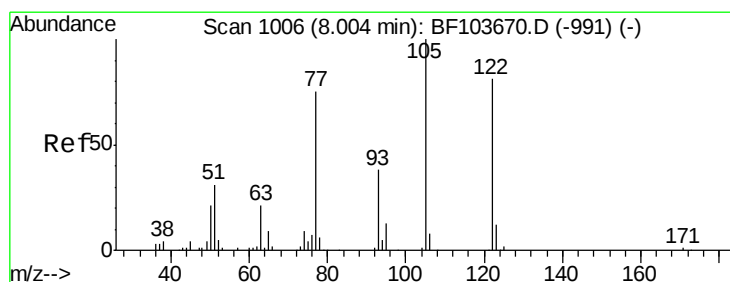
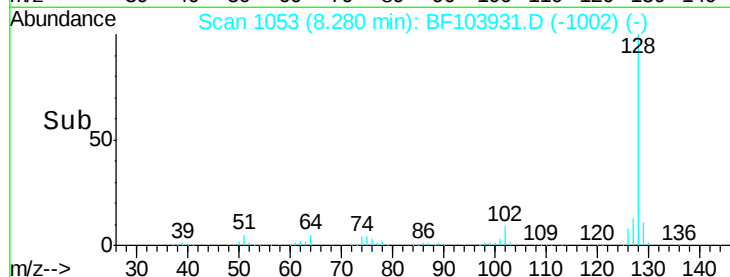
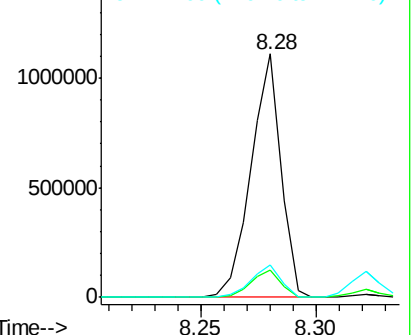
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.077 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

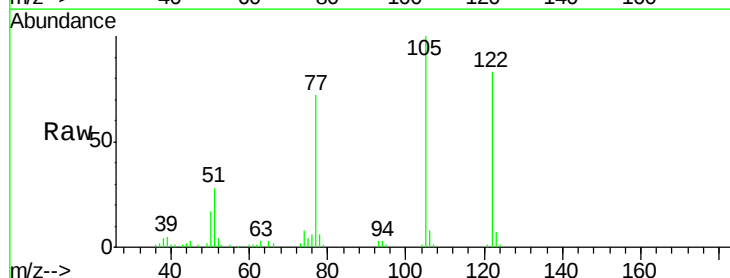
Tgt Ion:122 Resp: 216061

Ion Ratio Lower Upper

122 100

105 121.1 101.1 141.1

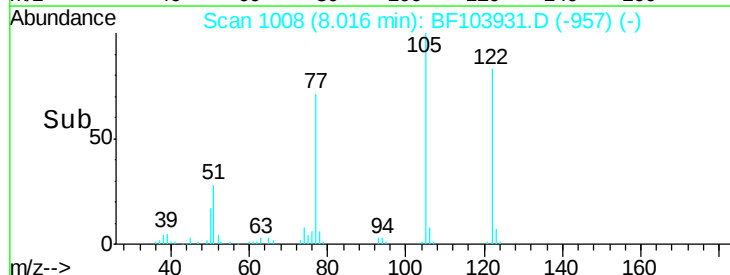
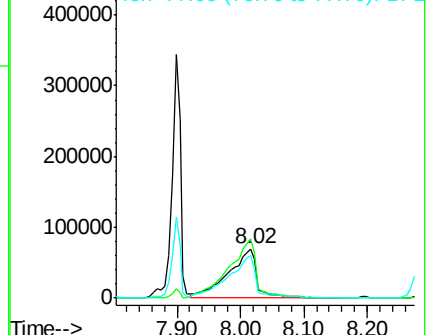
77 87.1 70.7 110.7

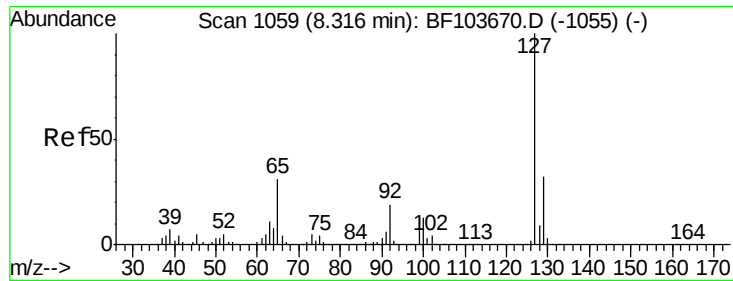


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





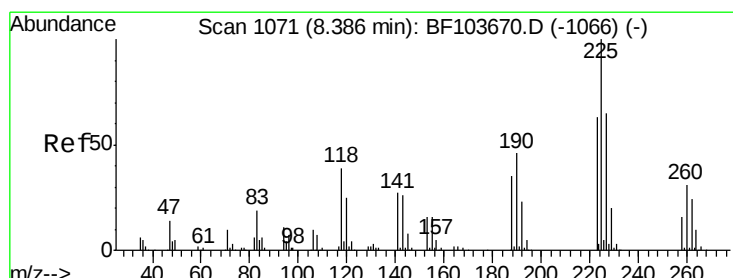
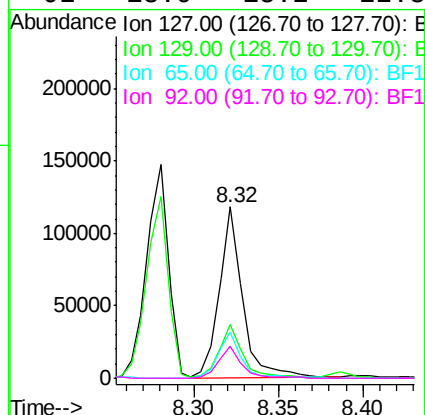
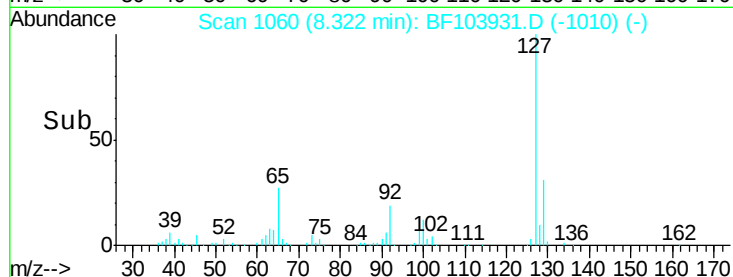
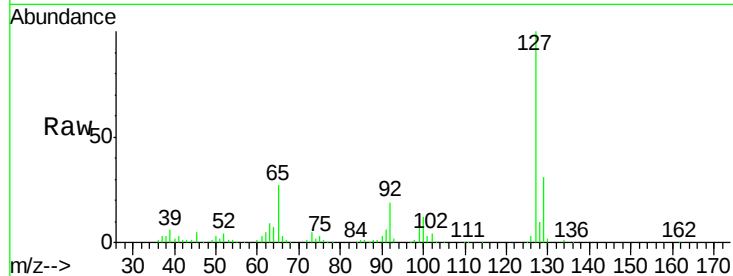
#33
4-Chloroaniline
Concen: 10.082 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4		25.9	38.9	
65	27.1		25.0	37.4	
92	18.9		15.2	22.8	

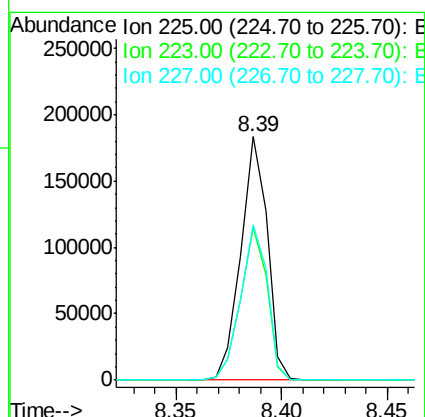
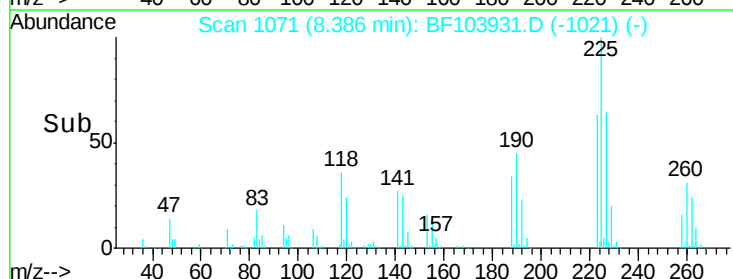
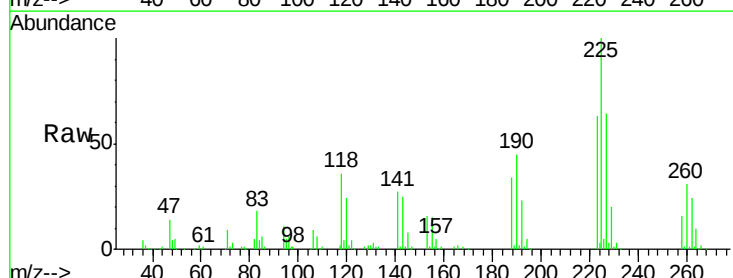
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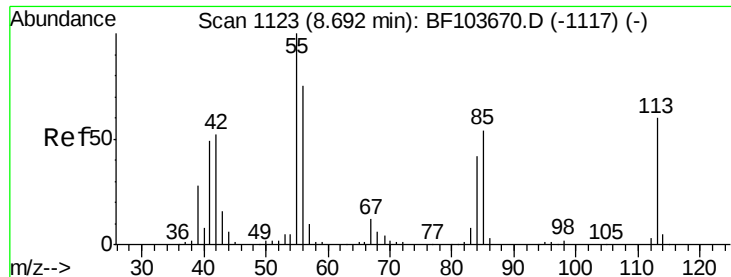
Sohil
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#34
Hexachlorobutadiene
Concen: 36.301 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7		50.6	76.0	
227	64.0		51.9	77.9	





#35

Caprolactam

Concen: 41.480 ng/mL

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

ClientSampleId :

PB107643BSD

Tot Ion:113 Resp: 98161

Ion Ratio Lower Upper

113 100

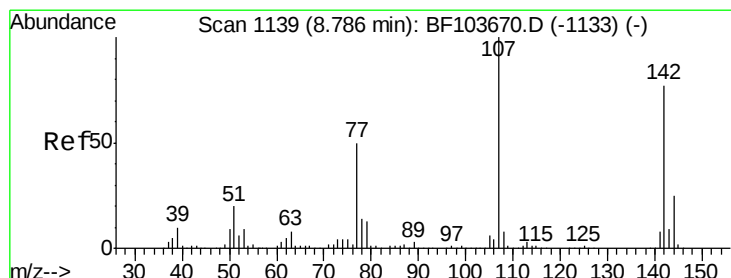
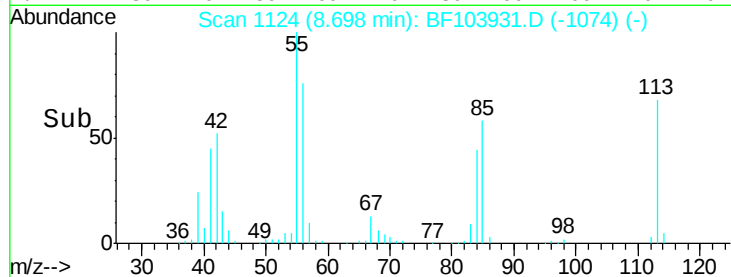
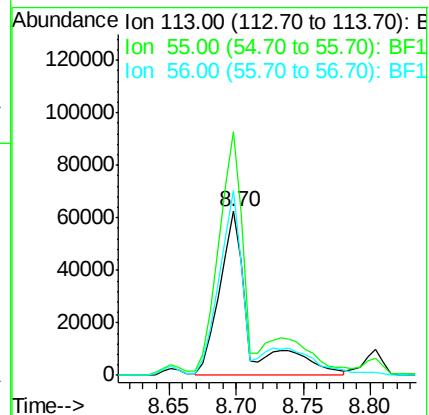
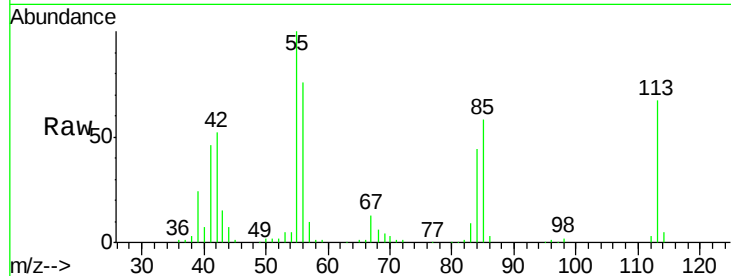
55 148.5 163.3 203.3#

56 112.8 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.143 ng/mL

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

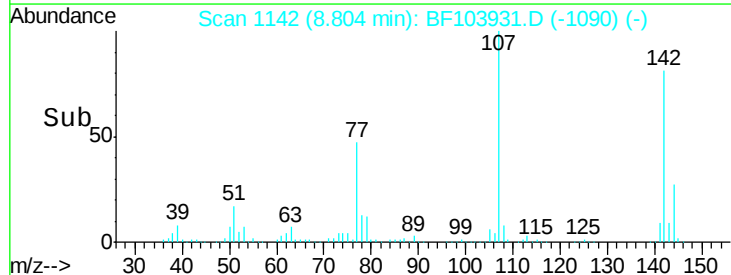
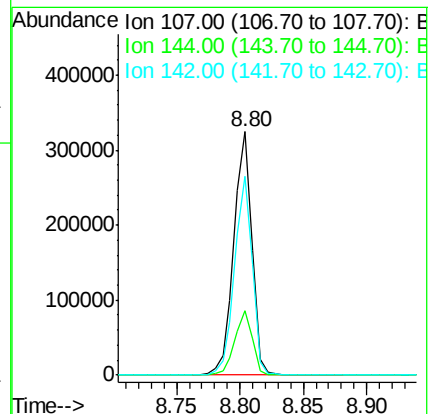
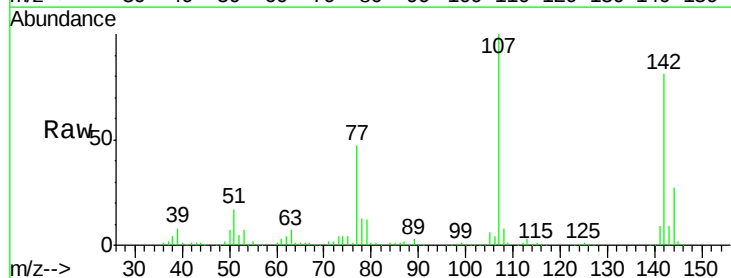
Tgt Ion:107 Resp: 319286

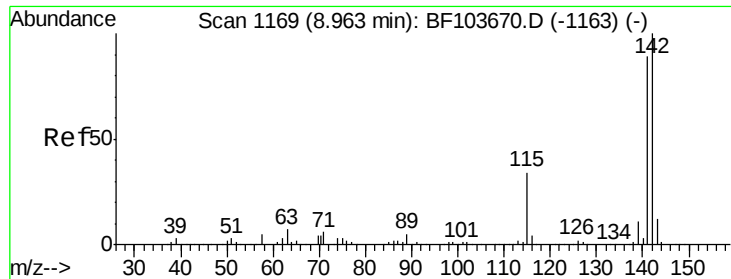
Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

142 81.4 62.0 93.0





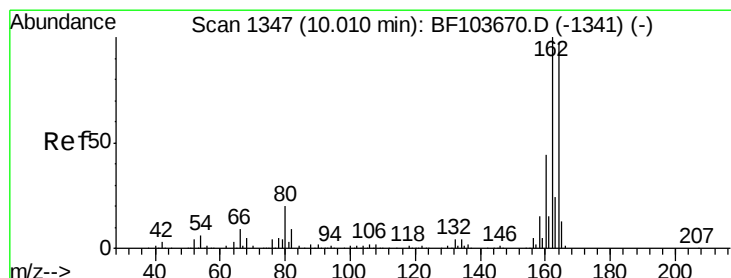
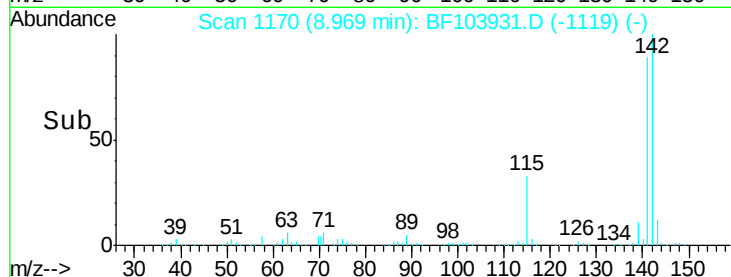
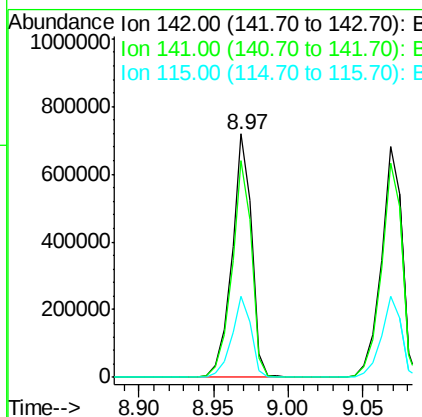
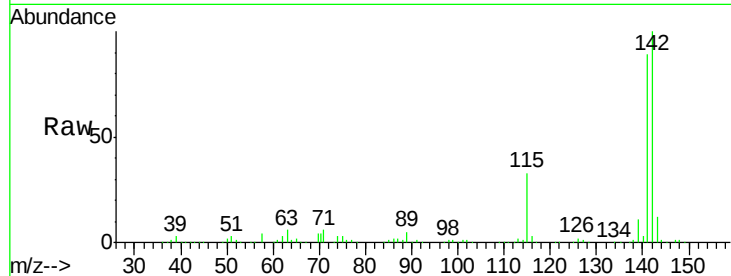
#37
2-Methylnaphthalene
Concen: 39.315 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	33.3	26.1	39.1

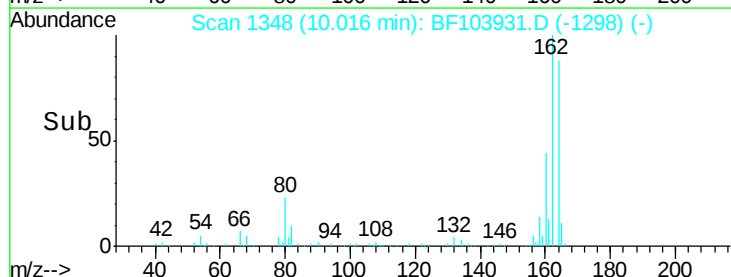
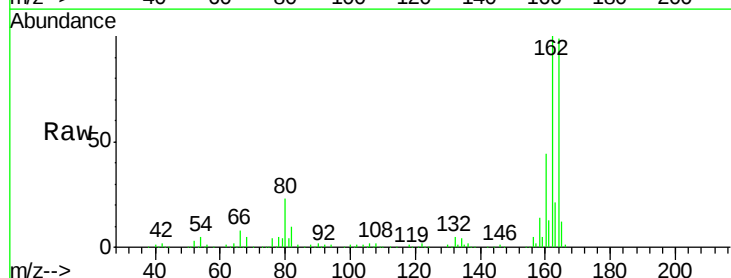
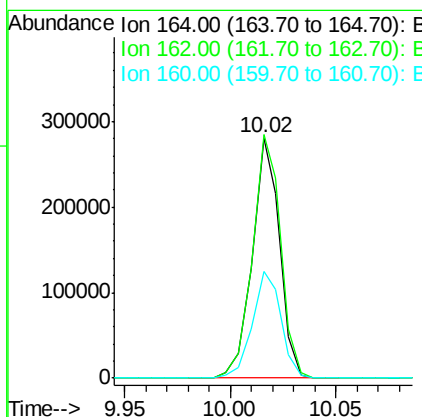
Manual Integrations
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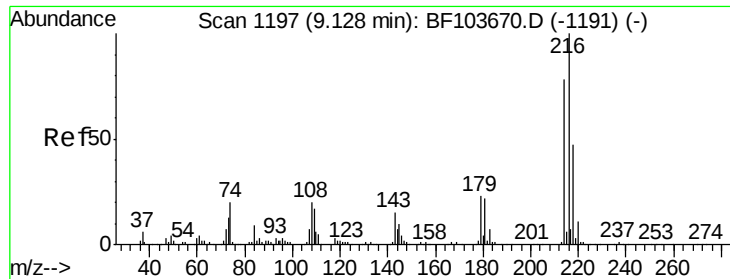
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	44.2	38.3	57.5





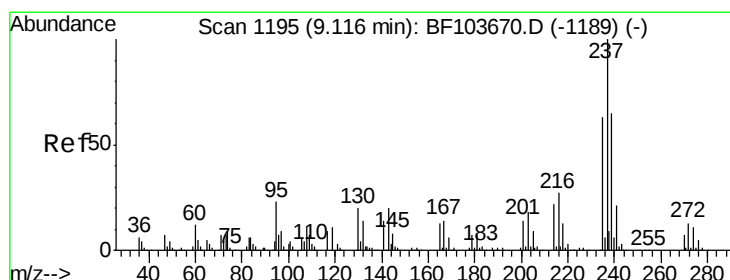
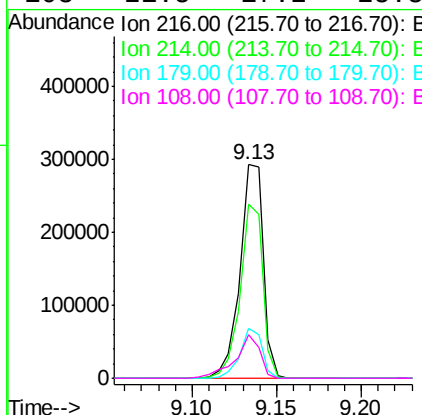
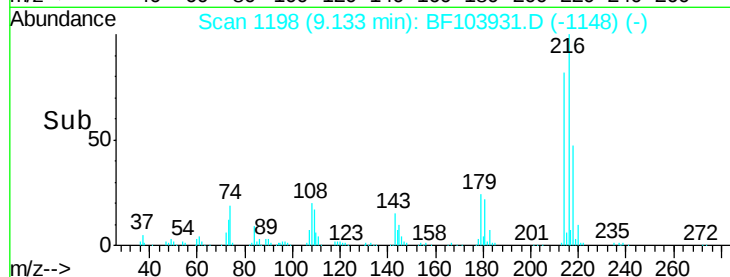
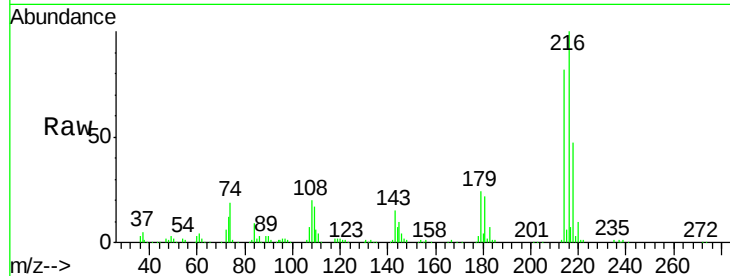
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.350 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		281788		
214	79.4		63.0	94.4	
179	22.3		18.1	27.1	
108	21.5		17.2	25.8	

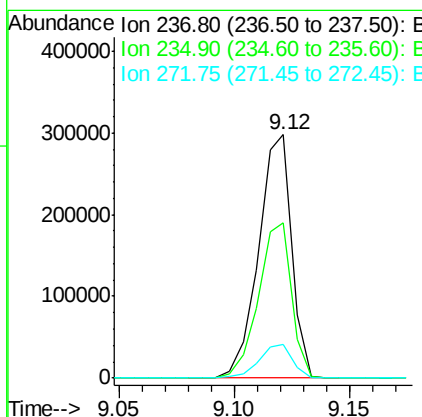
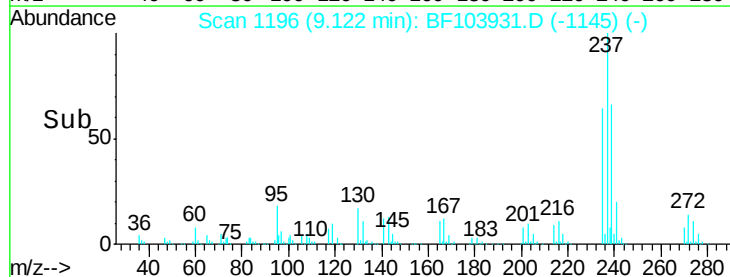
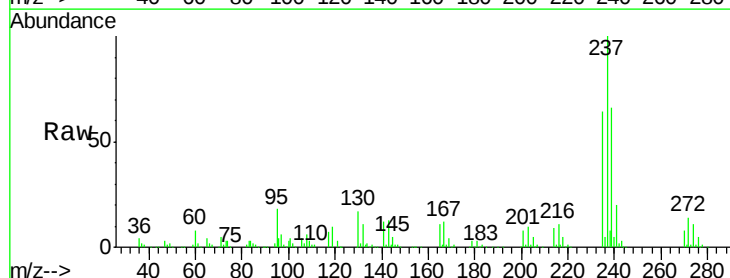
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#40
 Hexachlorocyclopentadiene
 Concen: 80.424 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		297177		
235	63.6		44.8	84.8	
272	14.0		0.0	33.3	





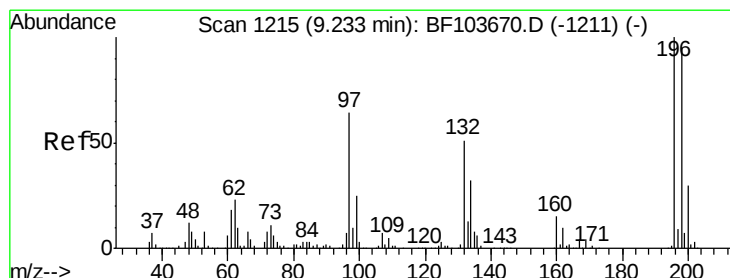
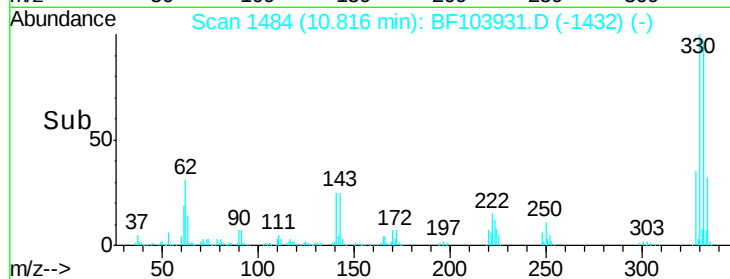
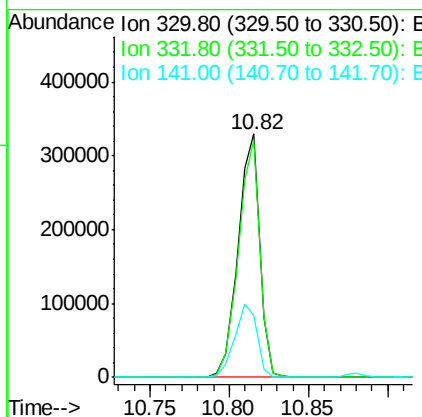
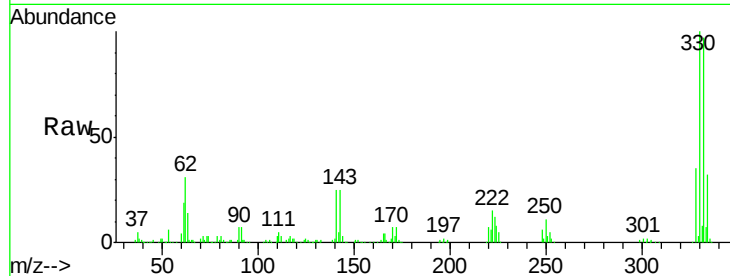
#41
 2,4,6-Tribromophenol
 Concen: 144.506 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	311872		
332	96.5	77.0	115.6	
141	31.3	29.9	44.9	

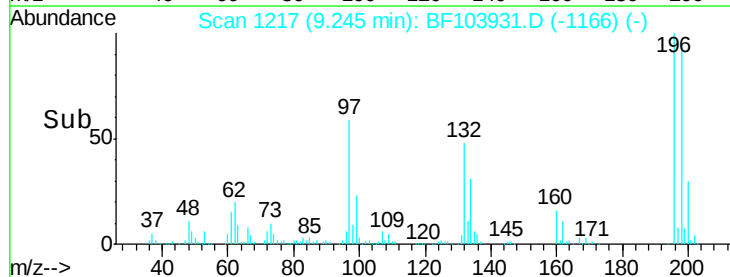
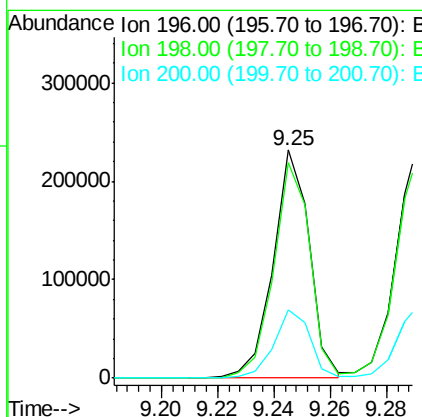
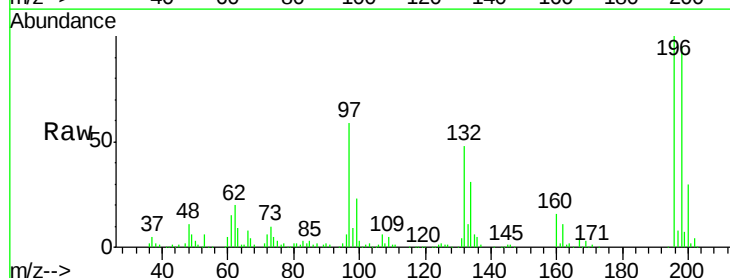
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 44.823 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205306		
198	94.9	75.7	113.5	
200	30.0	24.5	36.7	





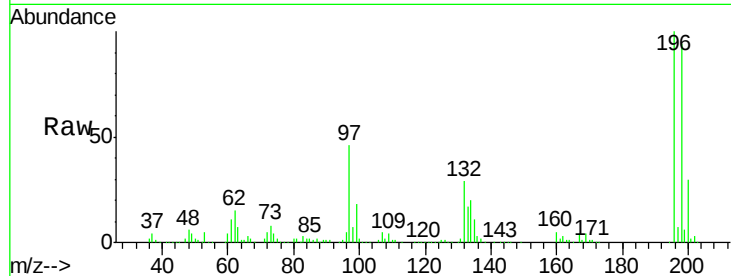
#43
 2,4,5-Trichlorophenol
 Concen: 42.389 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

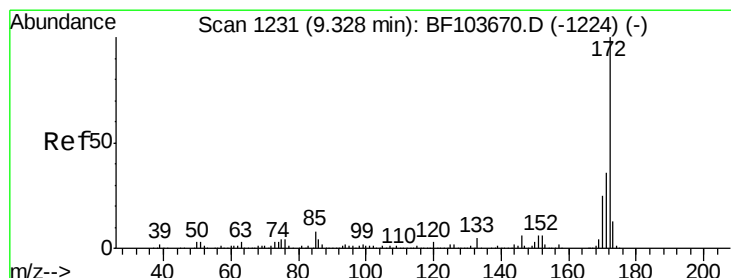
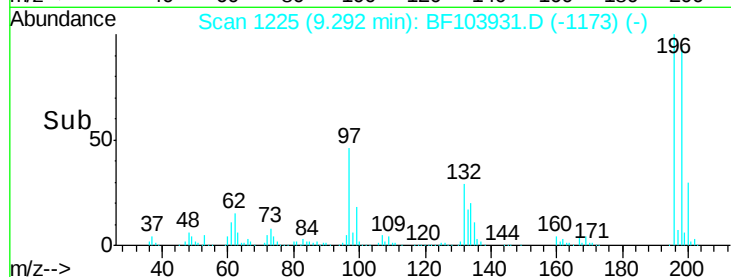
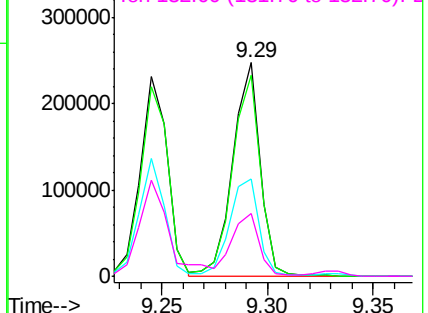
Tot Ion:	196	Resp:	219145
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.6	112.0
97	45.6	42.9	64.3
132	29.3	26.3	39.5

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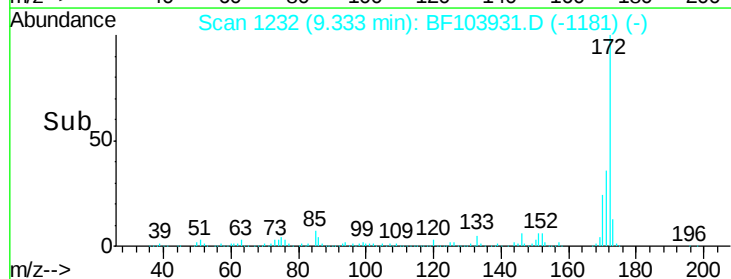
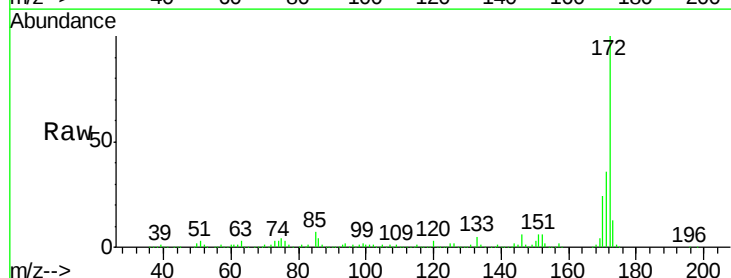
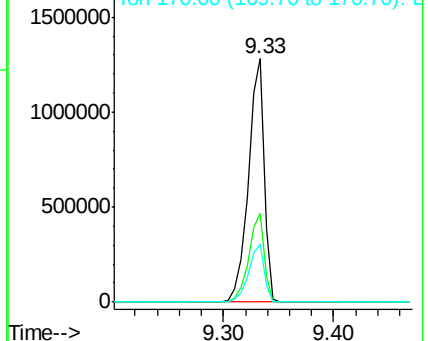
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

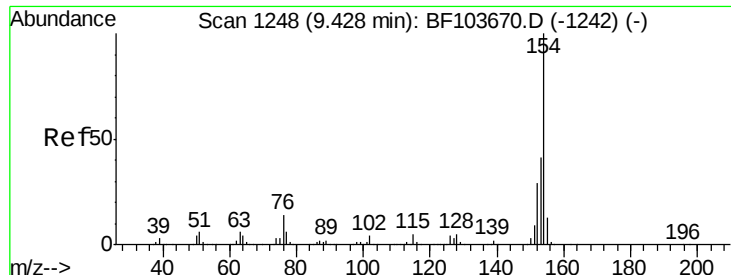


#44
 2-Fluorobiphenyl
 Concen: 81.592 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion:	172	Resp:	1283922
Ion Ratio	Lower	Upper	
172	100		
171	36.3	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





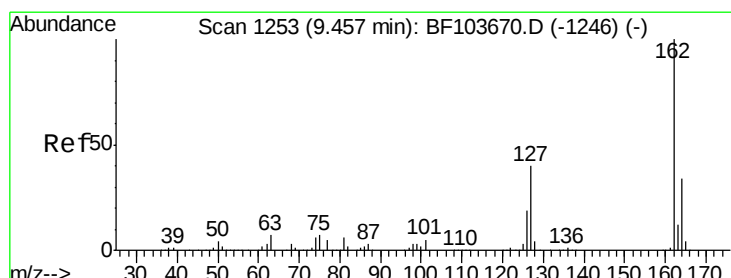
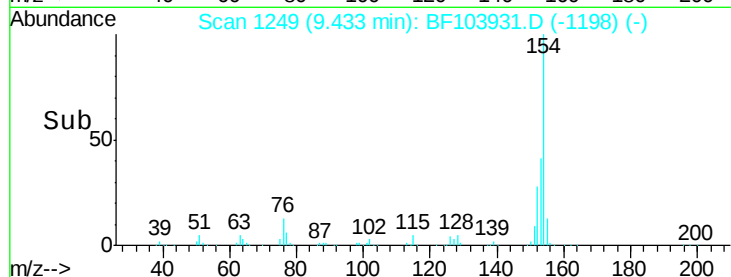
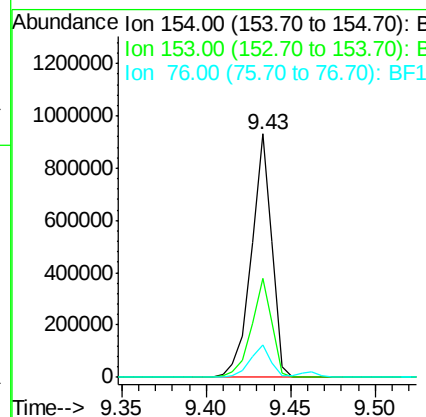
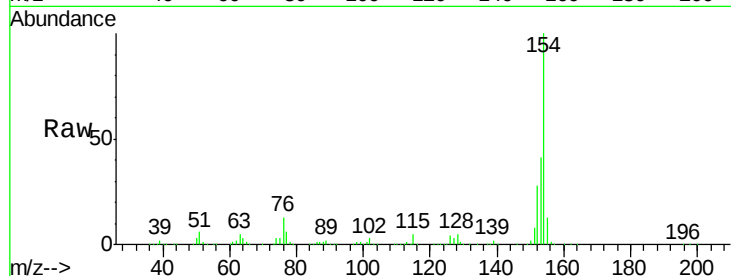
#45
 1,1'-Biphenyl
 Concen: 37.671 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.4	0.0	34.0

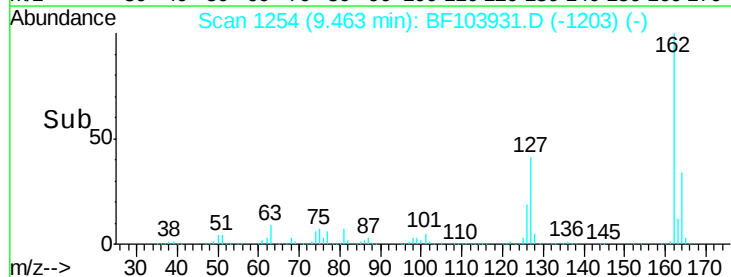
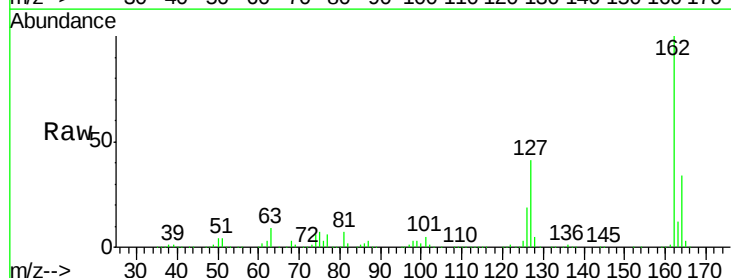
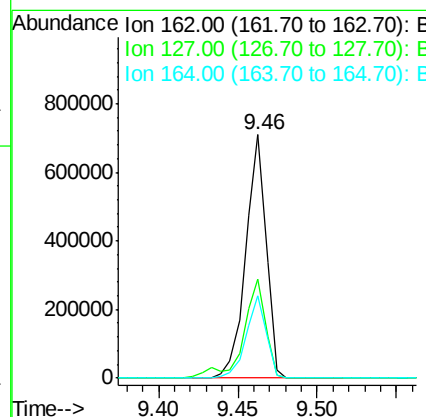
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#46
 2-Chloronaphthalene
 Concen: 37.864 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.6	26.5	39.7





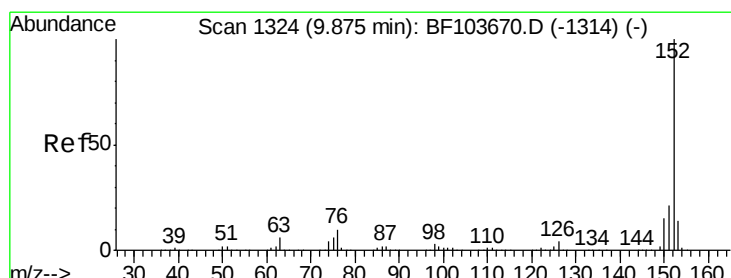
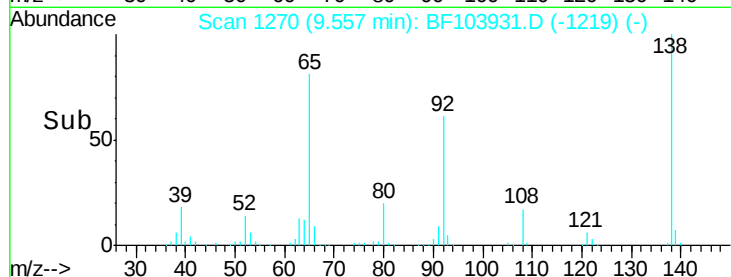
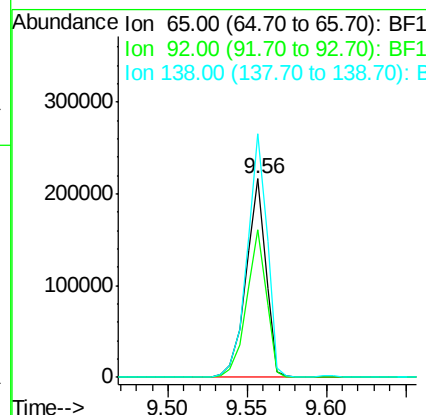
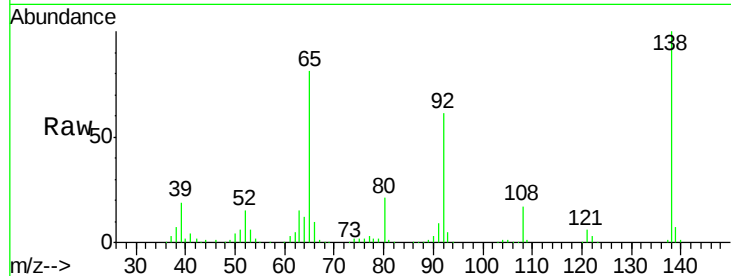
#47
2-Nitroaniline
Concen: 43.870 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	55.8	83.6
138	122.7	91.2	136.8

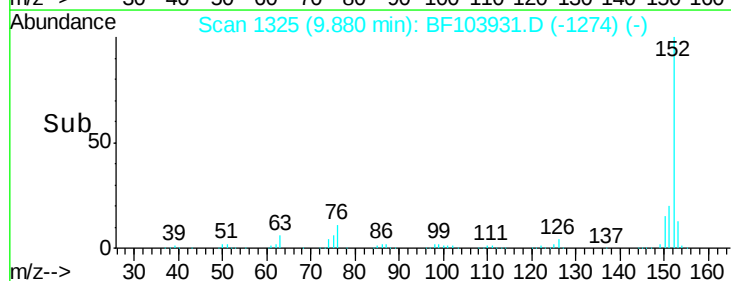
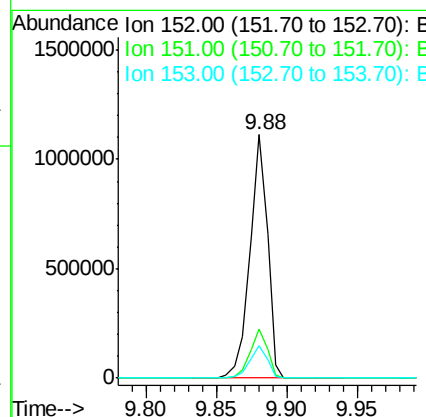
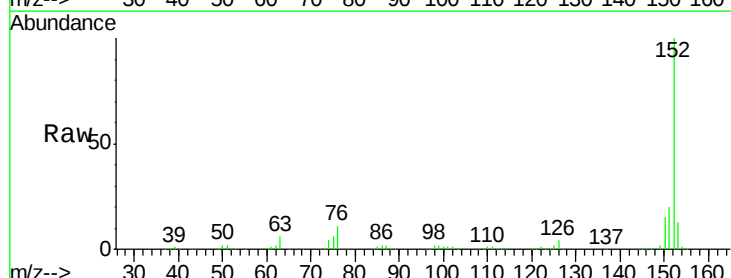
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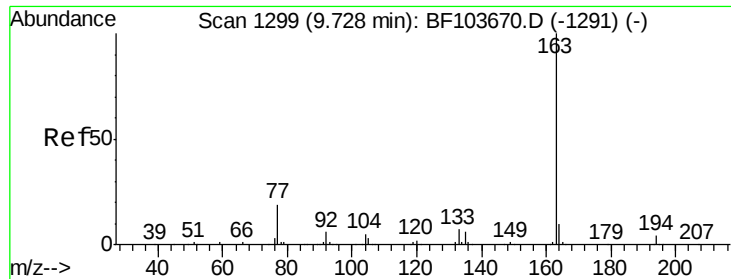
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#48
Acenaphthylene
Concen: 37.547 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1





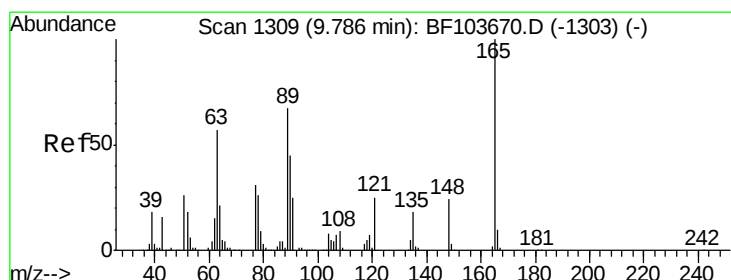
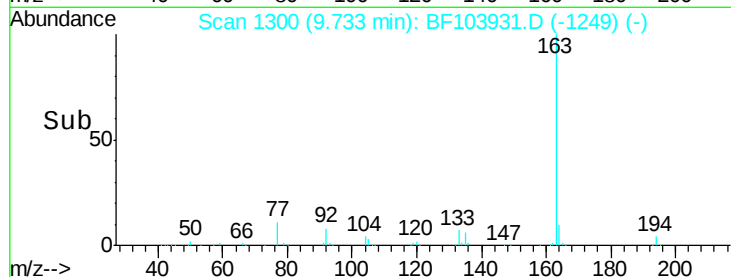
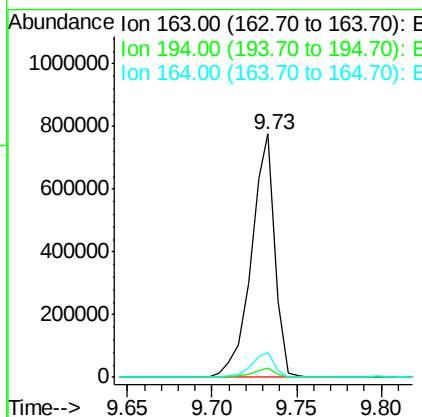
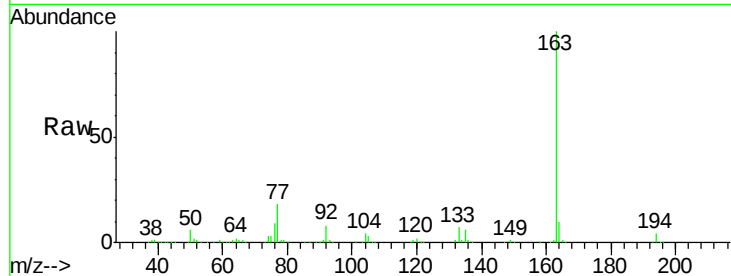
#49
Dimethylphthalate
Concen: 39.501 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	756474		
194	3.8		2.7	4.1
164	10.1		8.2	12.2

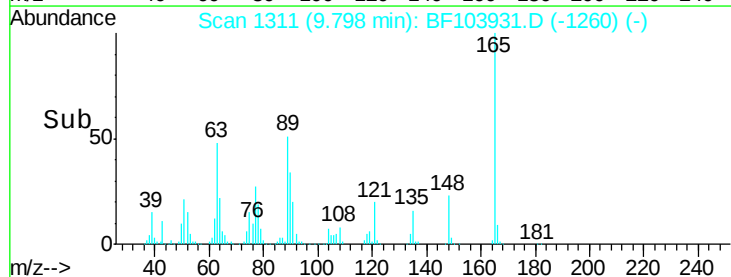
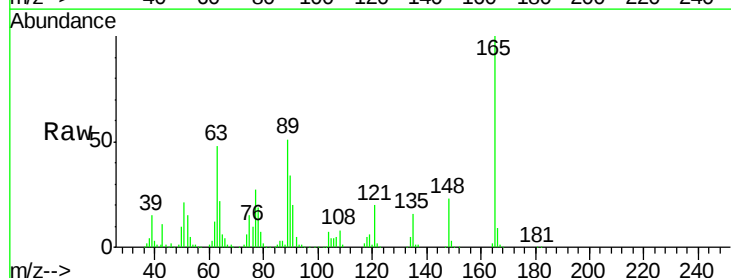
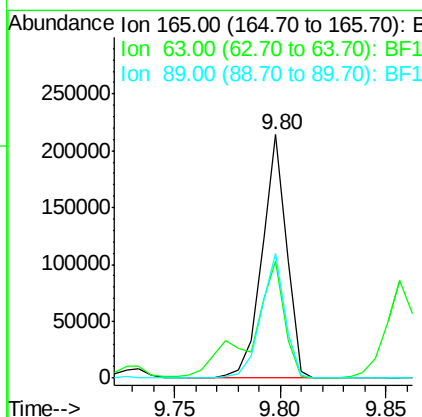
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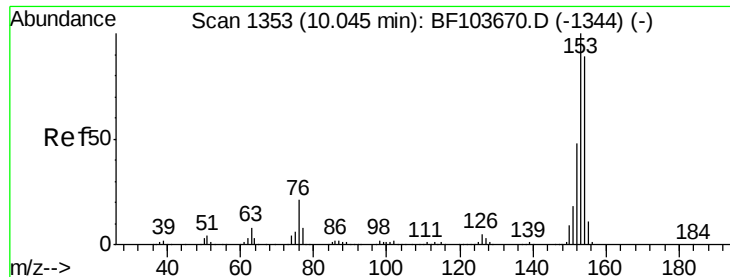
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#50
2,6-Dinitrotoluene
Concen: 46.773 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172866		
63	48.2		44.7	67.1
89	51.0		44.0	66.0





#51

Acenaphthene

Concen: 36.995 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

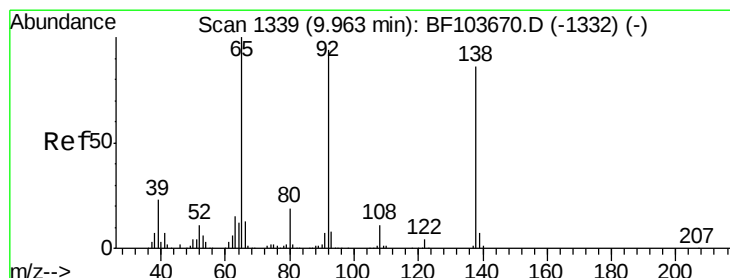
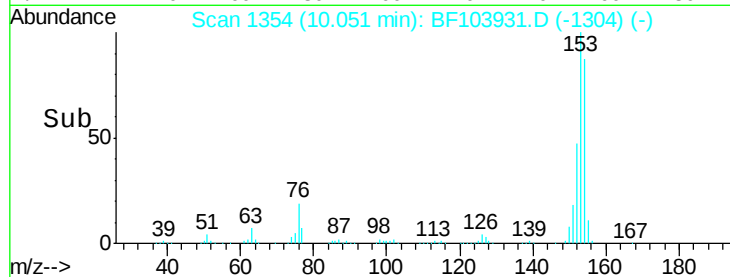
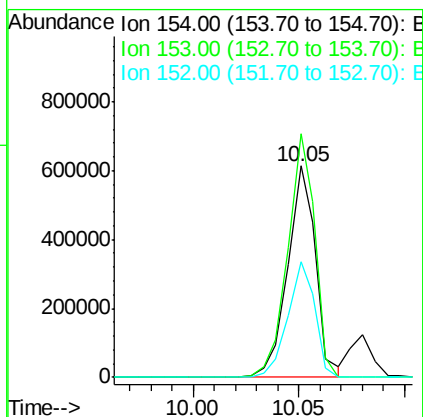
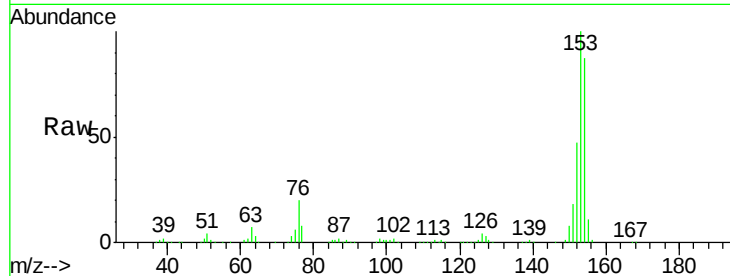
ClientSampleId :

PB107643BSD

Tot Ion:	154	Resp:	566284
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.630 ng

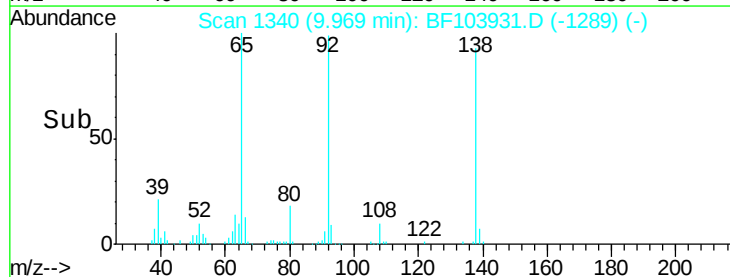
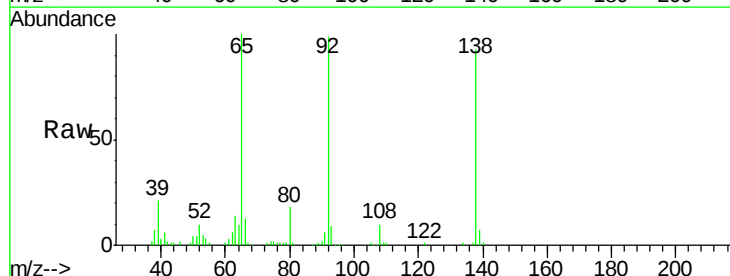
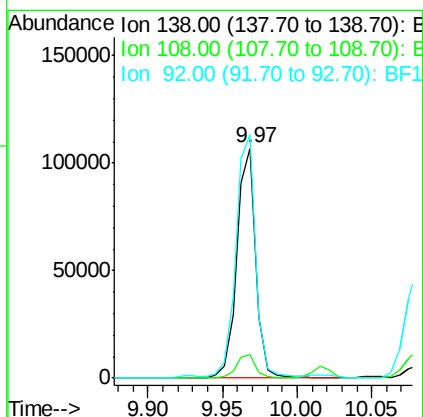
RT: 9.97 min Scan# 1340

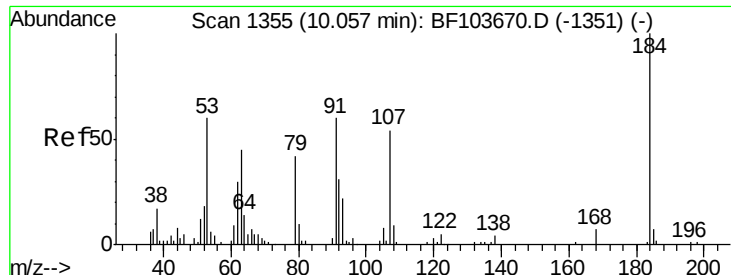
Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	138	Resp:	95575
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	105.9	89.4	134.2





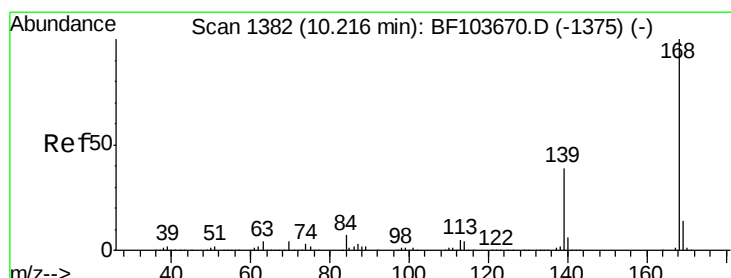
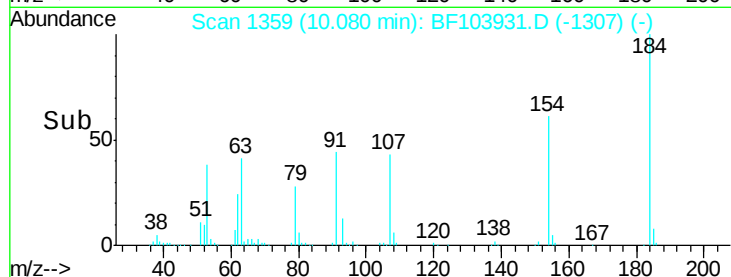
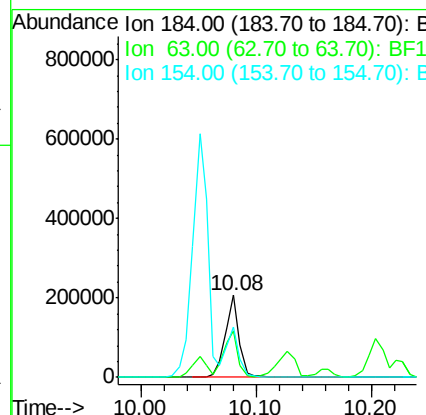
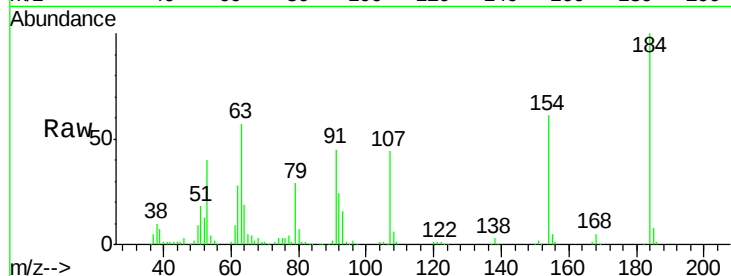
#53
2,4-Dinitrophenol
Concen: 114.579 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.6	54.2	81.2
154	60.9	184.0	276.0#

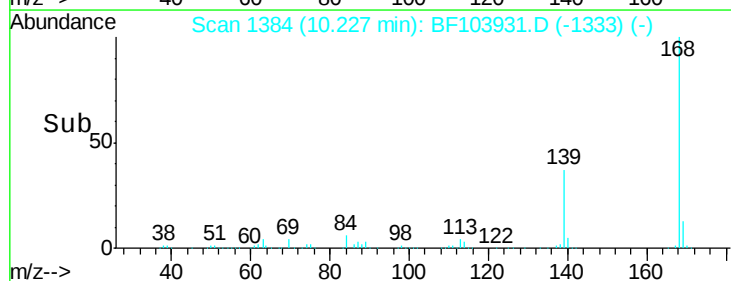
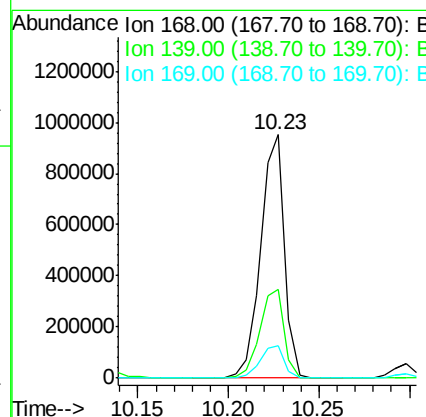
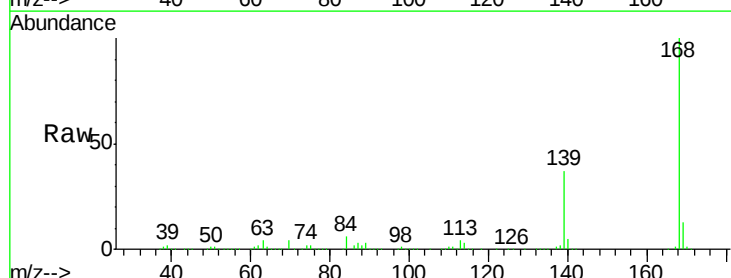
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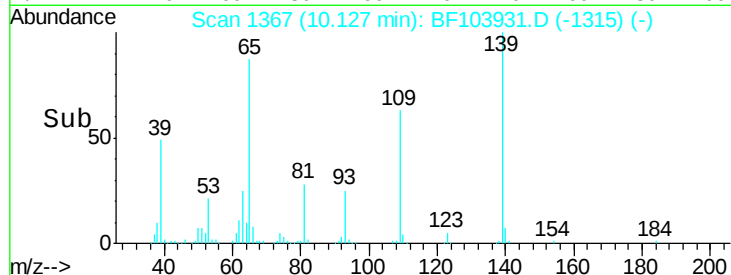
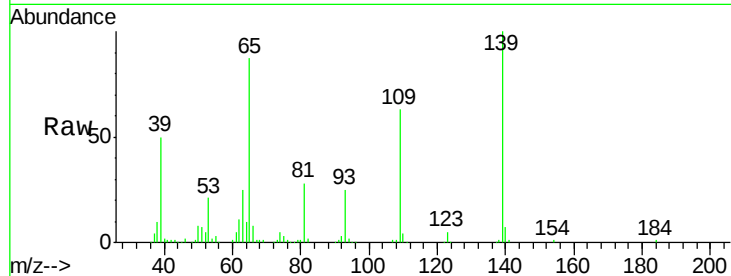
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#54
Dibenzofuran
Concen: 39.585 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	13.1	10.9	16.3





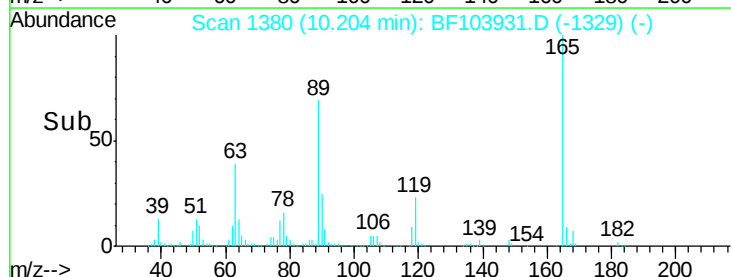
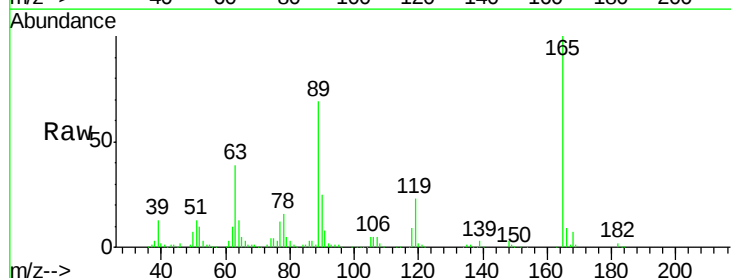
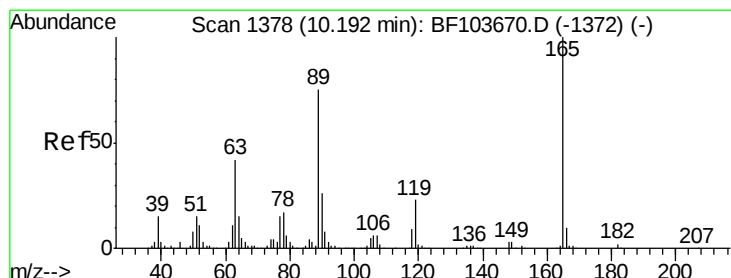
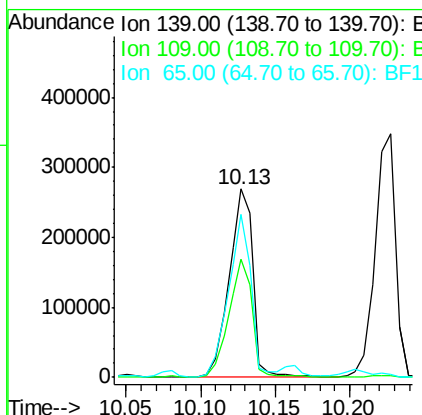
#55
4-Nitrophenol
Concen: 85.931 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.6	48.4	88.4	
65	86.6	72.6	112.6	

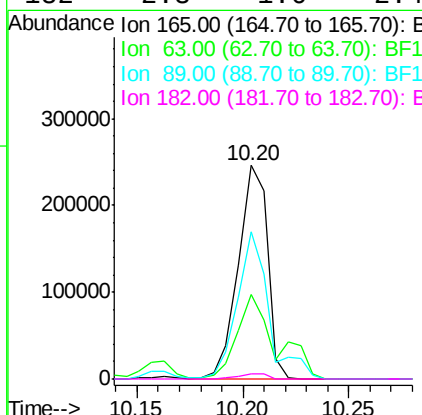
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#56
2,4-Dinitrotoluene
Concen: 49.934 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.5	36.4	54.6	
89	69.2	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 40.250 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

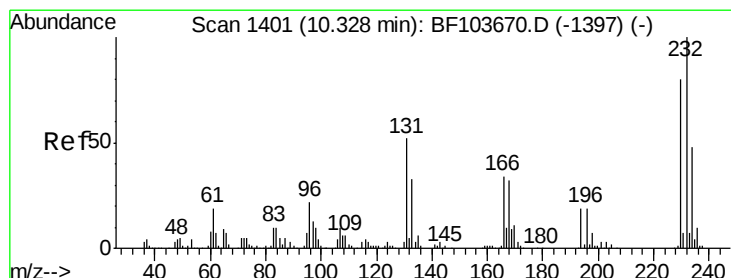
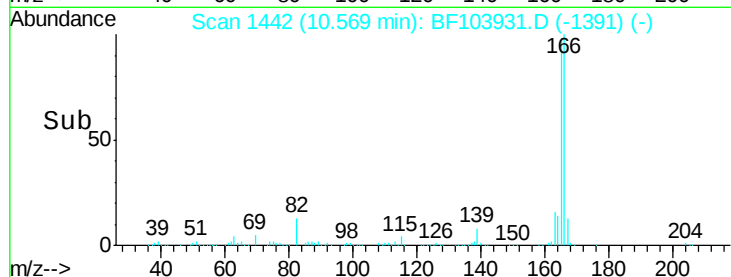
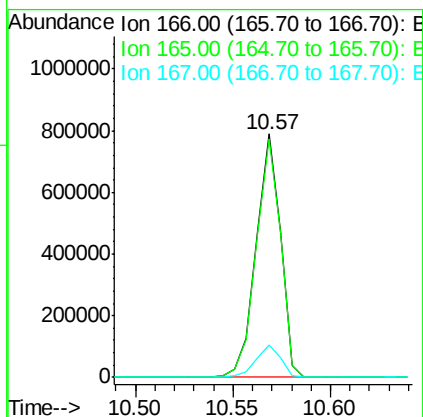
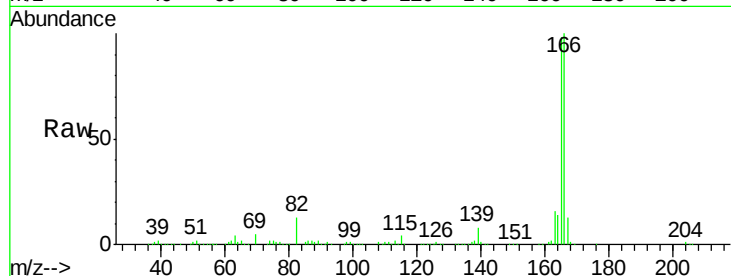
ClientSampleId :

PB107643BSD

Tot Ion:	166	Resp:	682801
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.205 ng

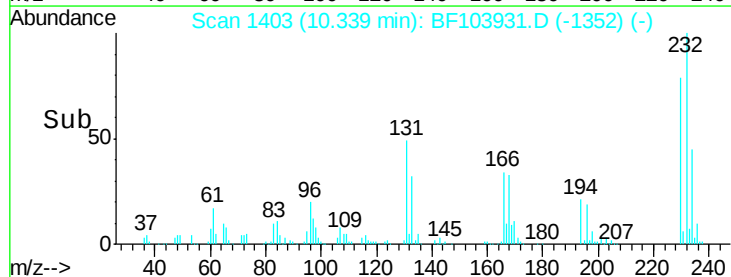
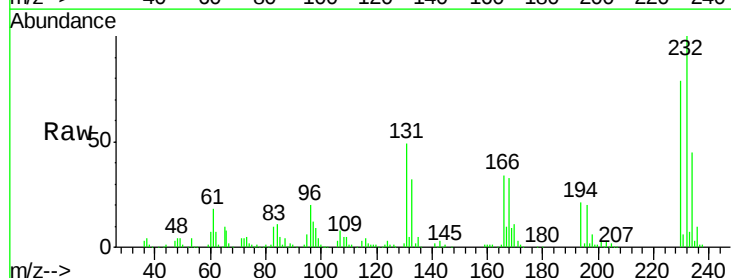
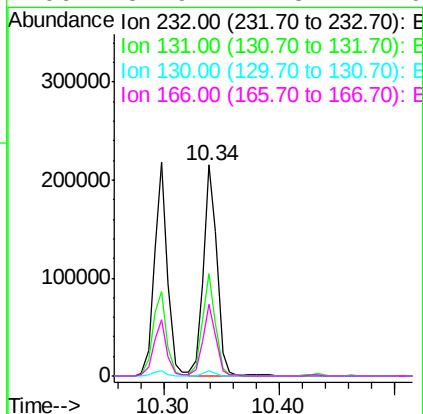
RT: 10.34 min Scan# 1403

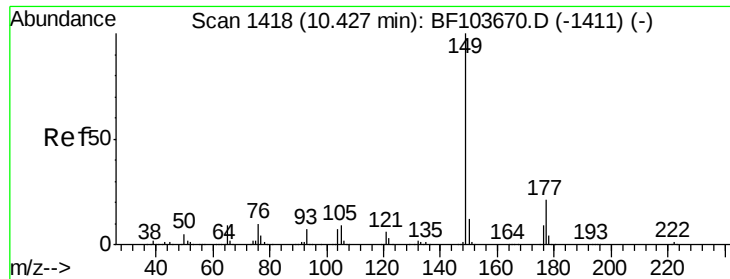
Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	232	Resp:	180248
Ion Ratio	Lower	Upper	
232	100		
131	46.7	43.8	65.8
130	2.4	2.1	3.1
166	32.9	27.8	41.6





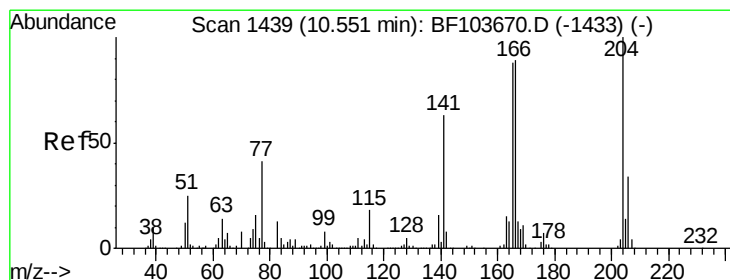
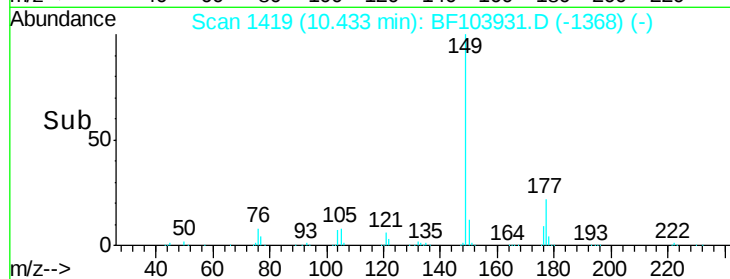
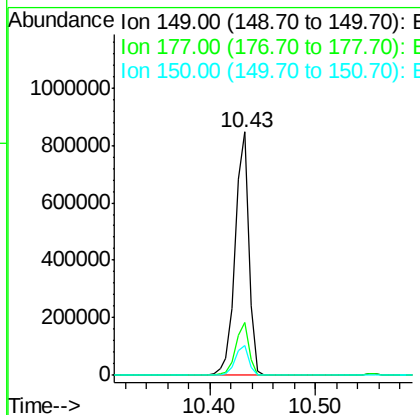
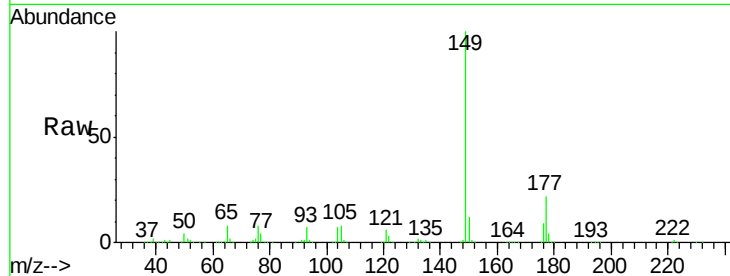
#59
Diethylphthalate
Concen: 39.278 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampled :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.4	10.1	15.1

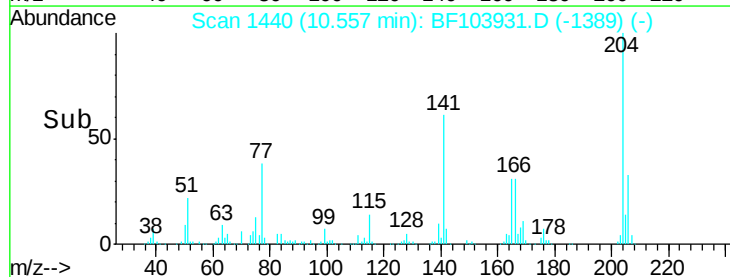
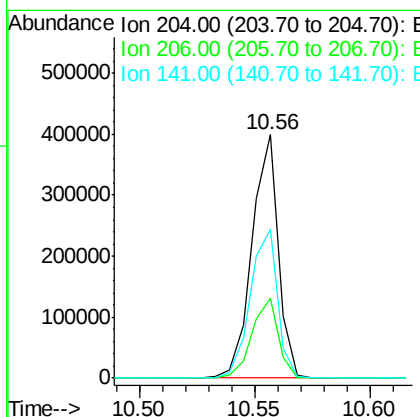
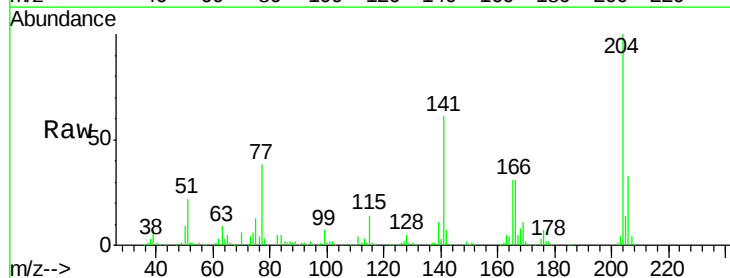
Manual Integrations
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3/27/2018 2:15:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.093 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.0	54.6	81.8





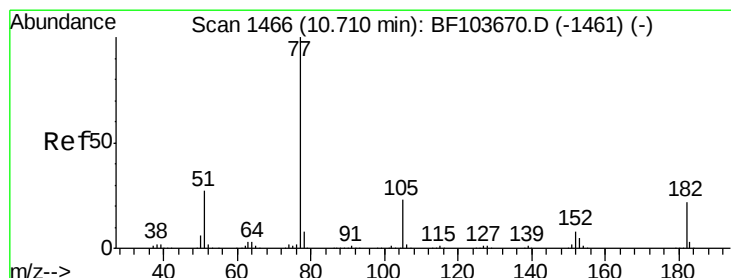
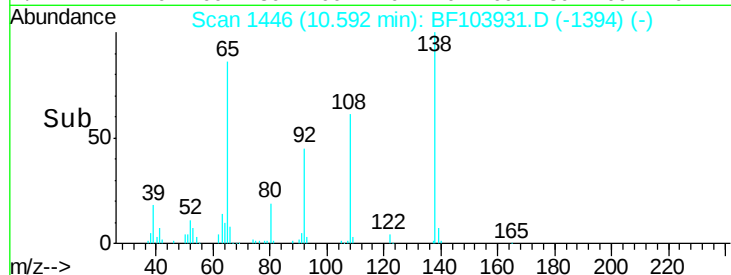
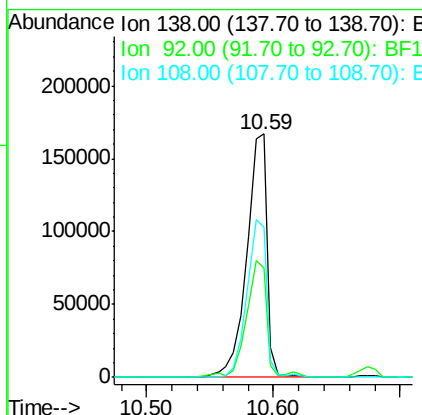
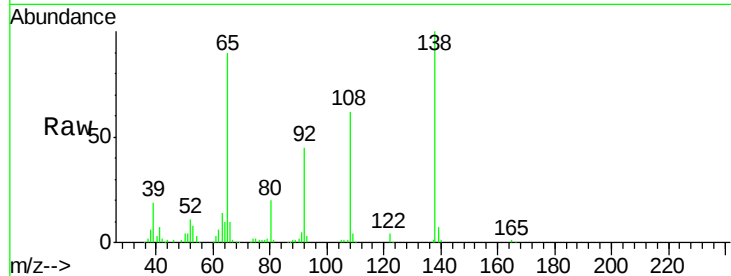
#61
4-Nitroaniline
Concen: 44.080 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.0	30.2	70.2
108	61.6	52.5	92.5

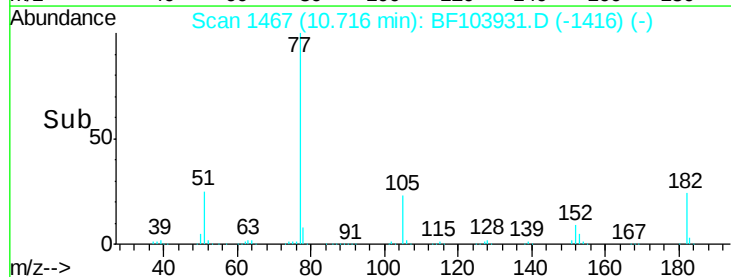
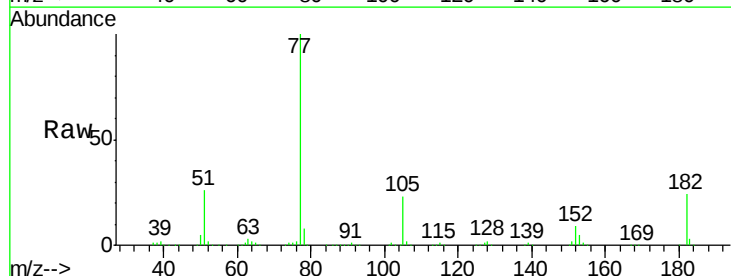
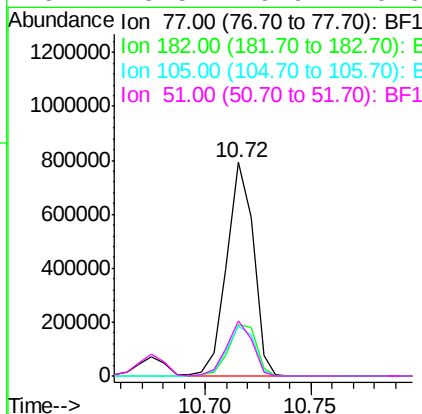
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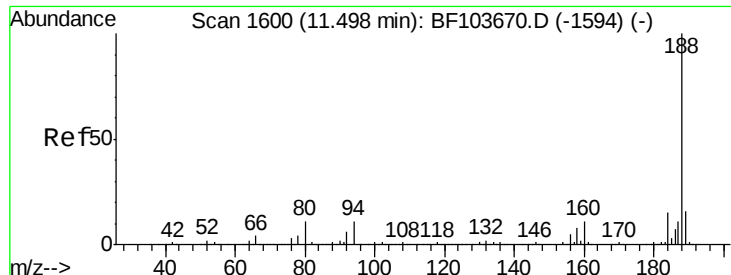
Sohil
3/27/2018 2:15:28 PM



#62
Azobenzene
Concen: 35.802 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	1.7	41.7
105	23.2	3.0	43.0
51	25.5	9.9	49.9





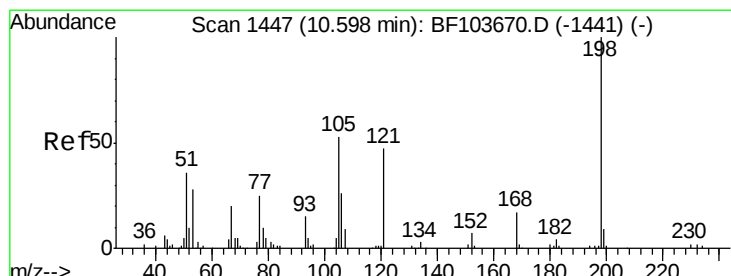
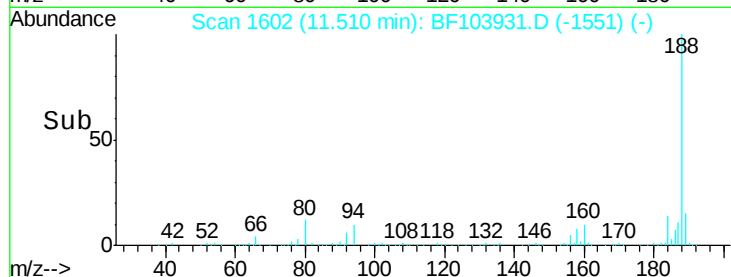
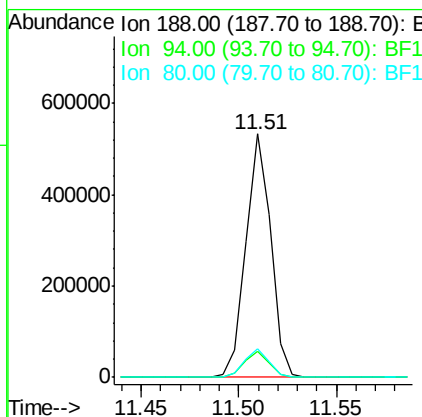
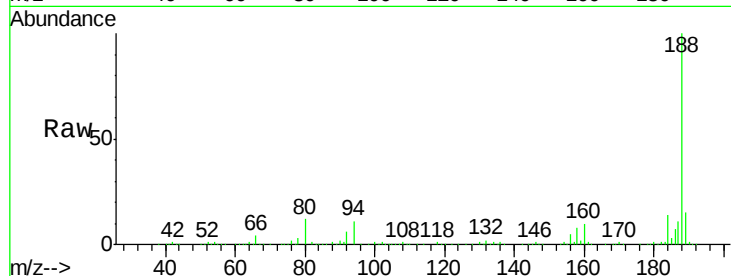
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	472044		
94	10.7		8.5	12.7
80	11.6		9.2	13.8

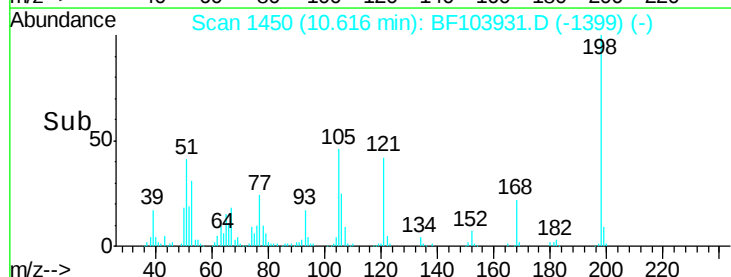
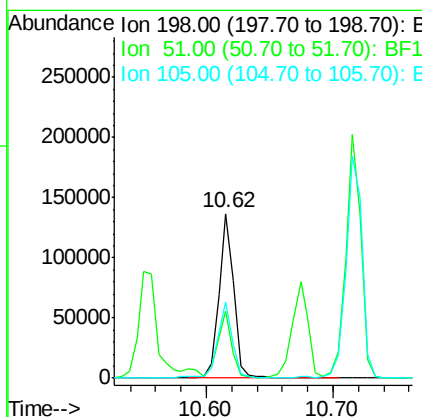
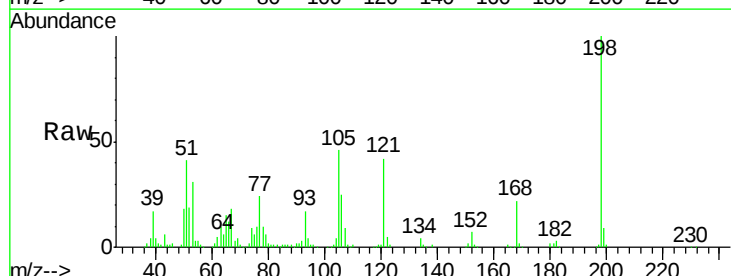
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 58.632 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112572		
51	41.0		37.7	77.7
105	46.4		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 38.100 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

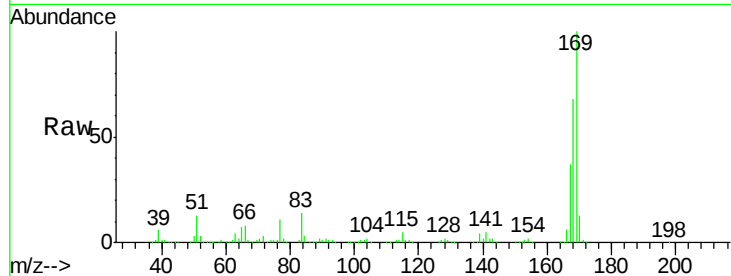
ClientSampleId :

PB107643BSD

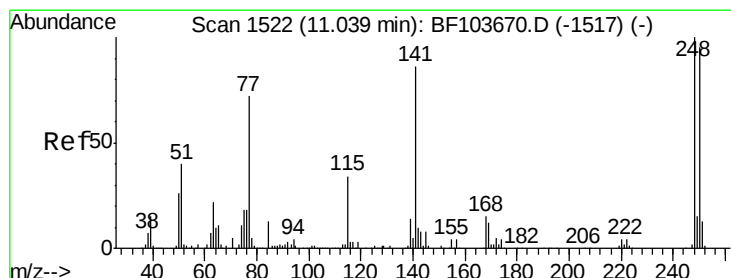
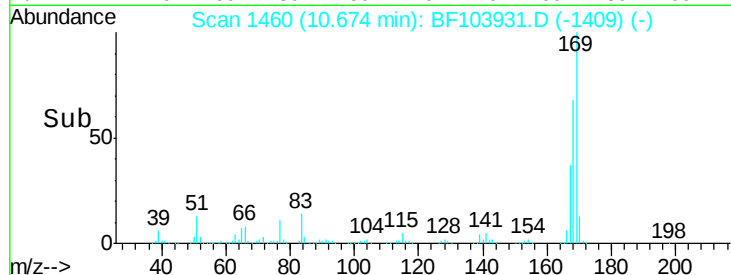
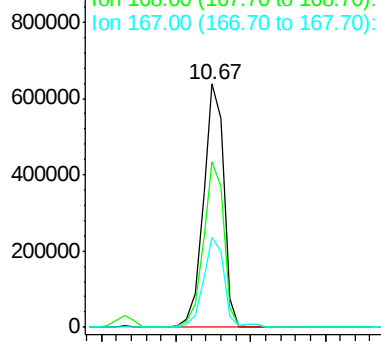
Tot Ion:	169	Resp:	612166
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	37.0	29.8	44.6

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.060 ng

RT: 11.04 min Scan# 1523

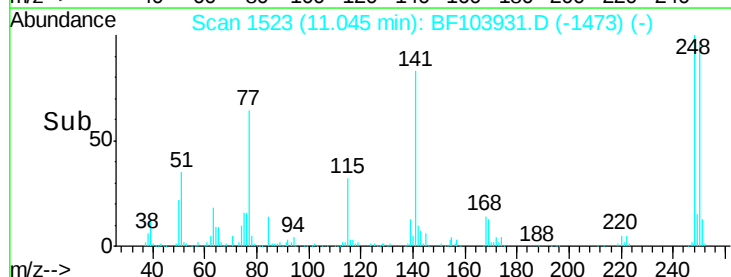
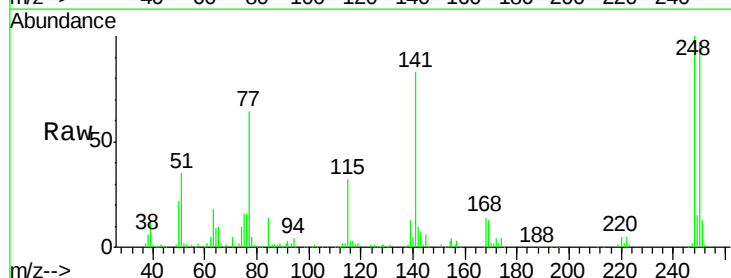
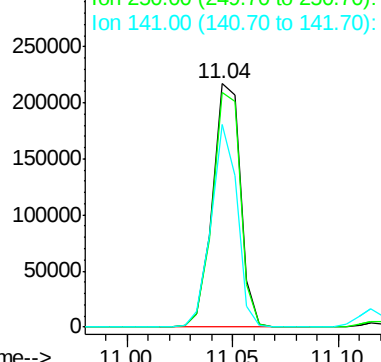
Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	248	Resp:	199004
Ion Ratio	Lower	Upper	
248	100		
250	96.6	76.9	115.3
141	83.3	74.4	111.6

Abundance Ion 248.00 (247.70 to 248.70): E





#67

Hexachlorobenzene

Concen: 38.965 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

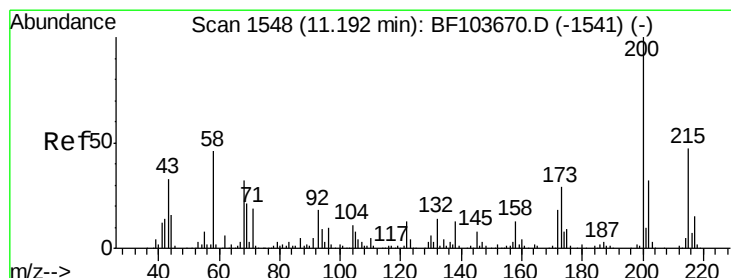
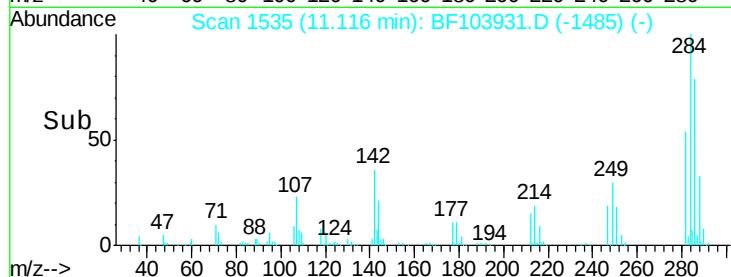
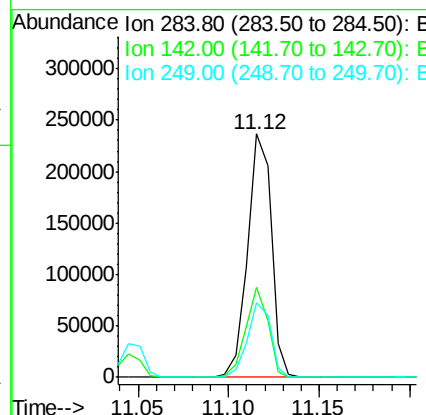
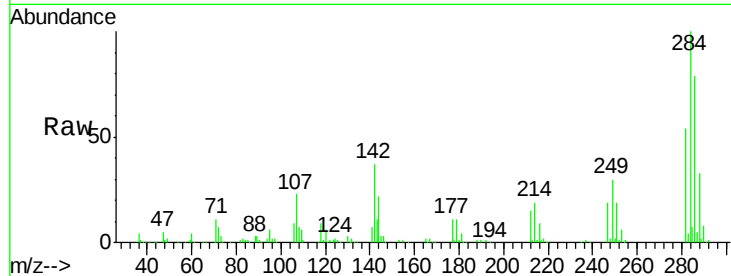
ClientSampleId :

PB107643BSD

Tot Ion:	284	Resp:	215543
Ion Ratio	Lower	Upper	
284	100		
142	37.2	34.6	52.0
249	30.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 41.021 ng

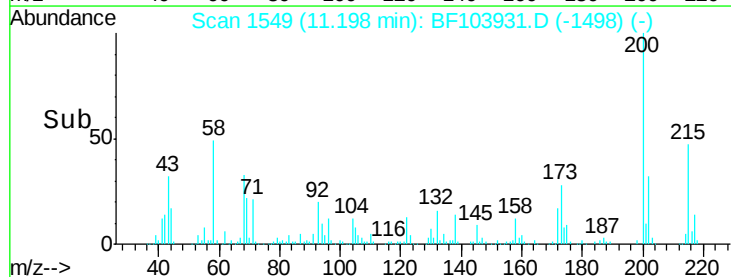
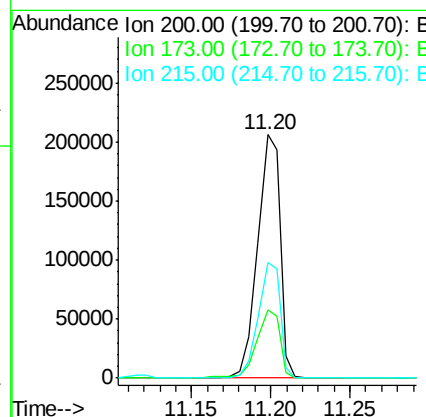
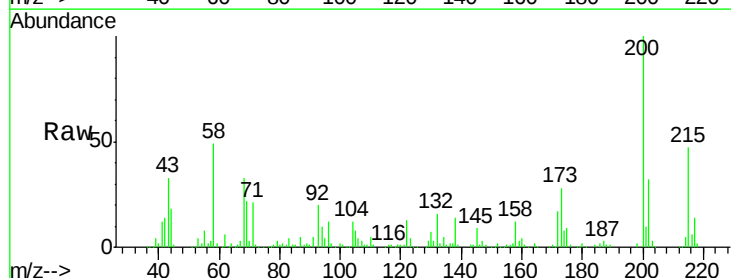
RT: 11.20 min Scan# 1549

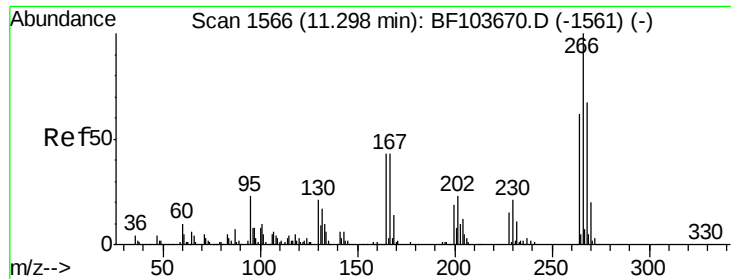
Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	200	Resp:	203890
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.6	48.6
215	47.5	25.1	65.1





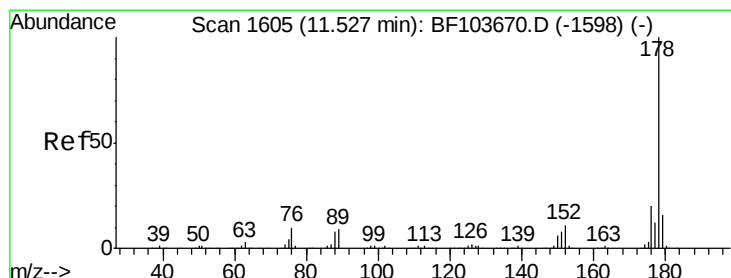
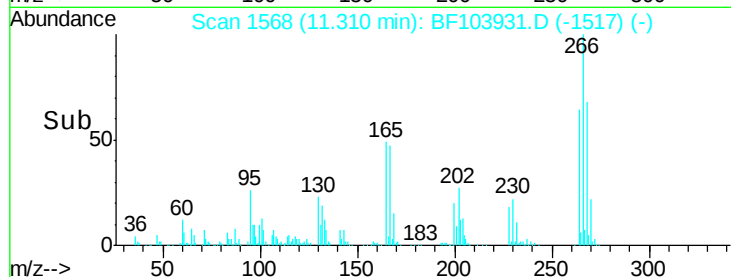
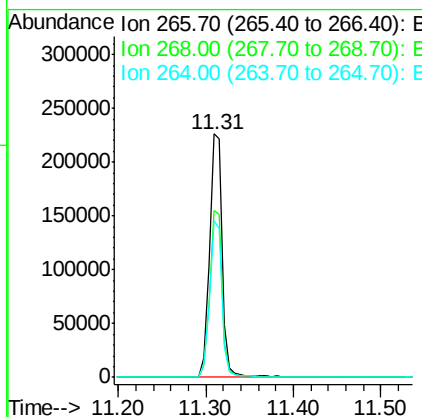
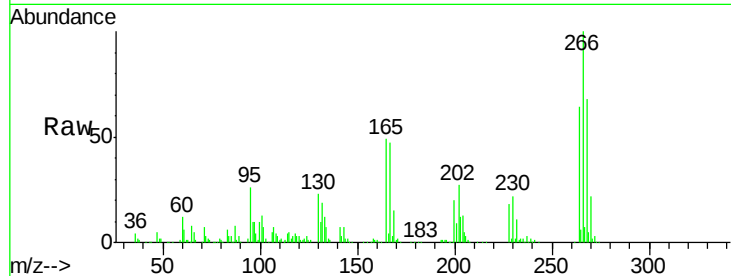
#69
 Pentachlorophenol
 Concen: 72.102 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	64.1	49.5	74.3

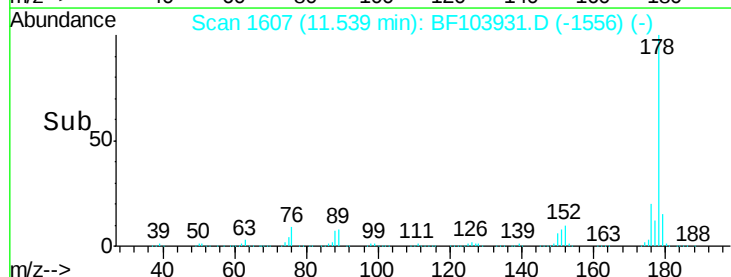
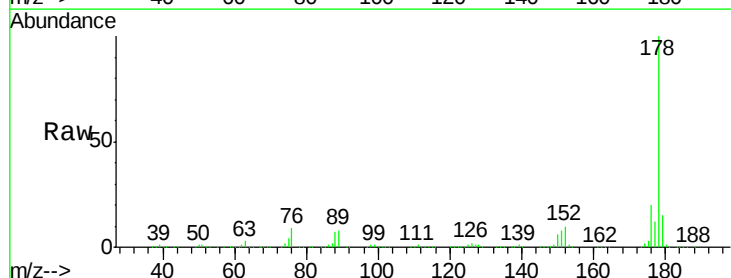
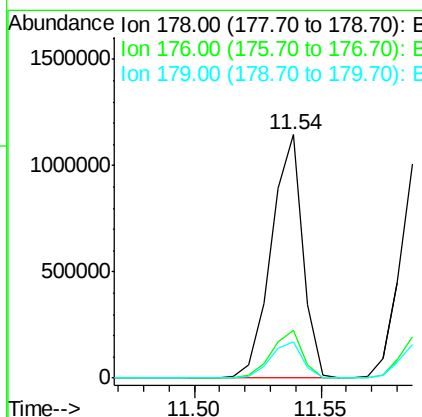
Manual Integrations
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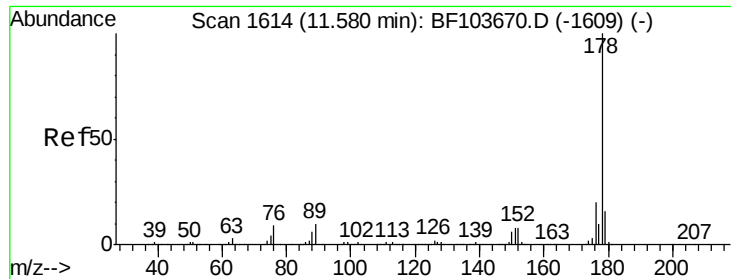
Sohil
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#70
 Phenanthrene
 Concen: 38.628 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.1	13.0	19.6





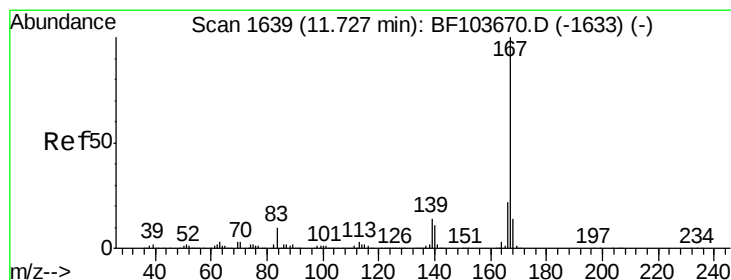
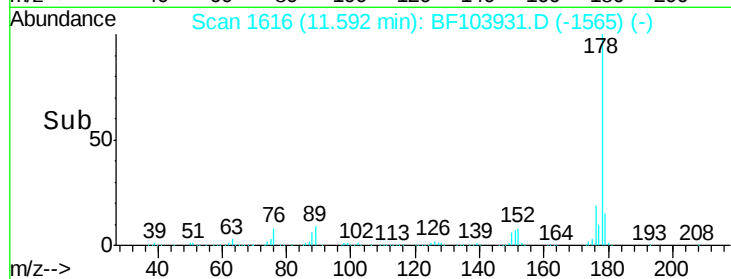
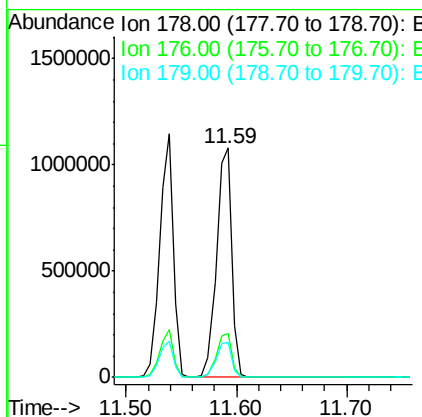
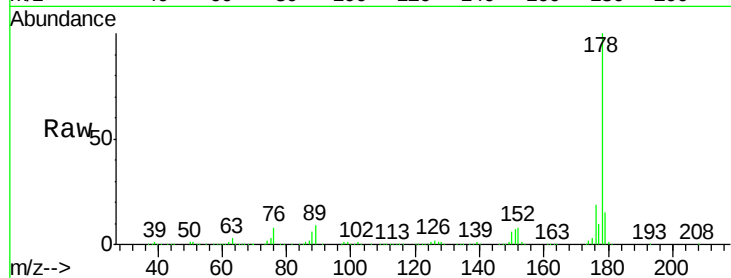
#71
 Anthracene
 Concen: 39.142 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampled :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.4	12.6	19.0

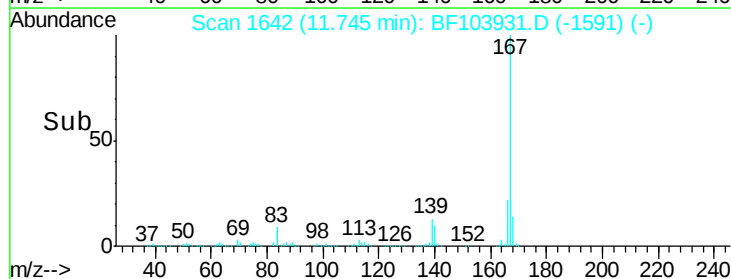
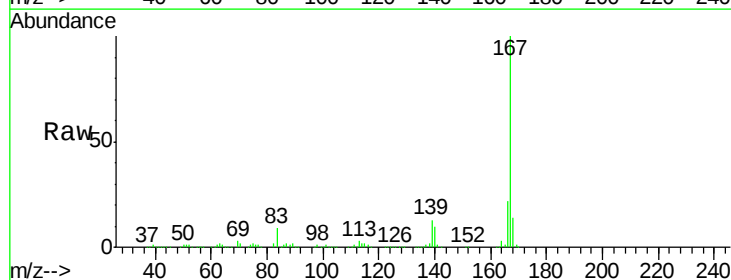
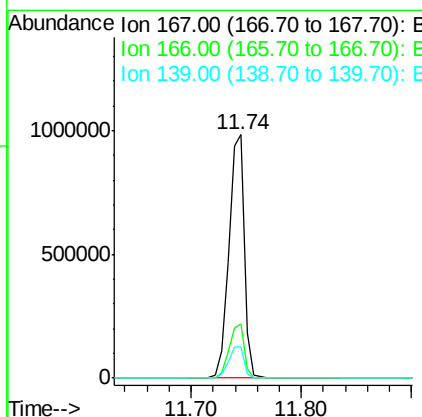
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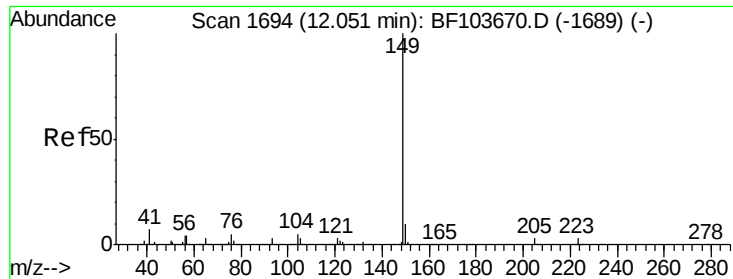
Sohil
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#72
 Carbazole
 Concen: 37.784 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.563 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

ClientSampleId :

PB107643BSD

Tot Ion:149 Resp: 1179478

Ion Ratio Lower Upper

149 100

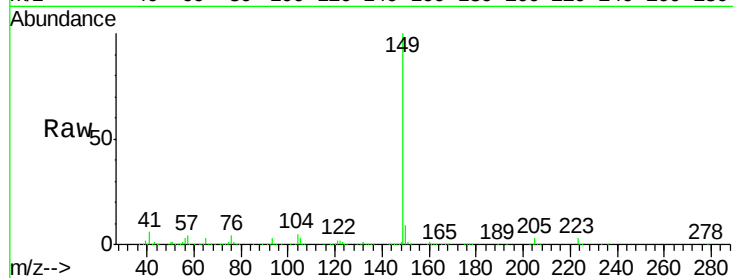
150 9.3 7.8 11.6

104 4.6 3.8 5.8

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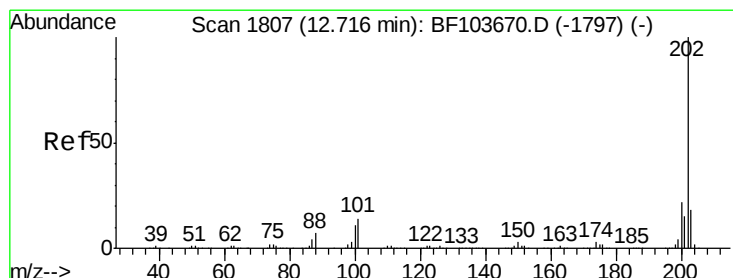
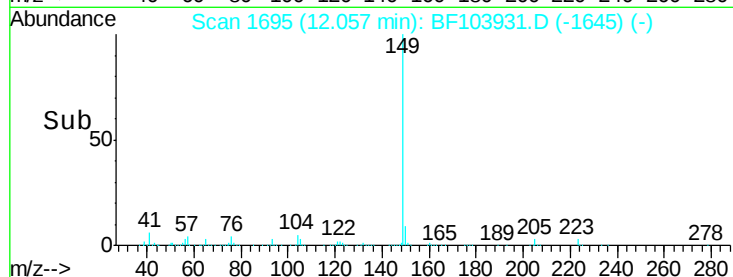
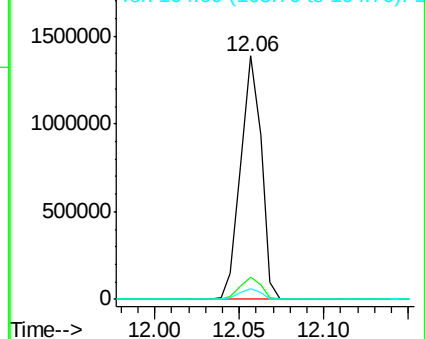
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.568 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

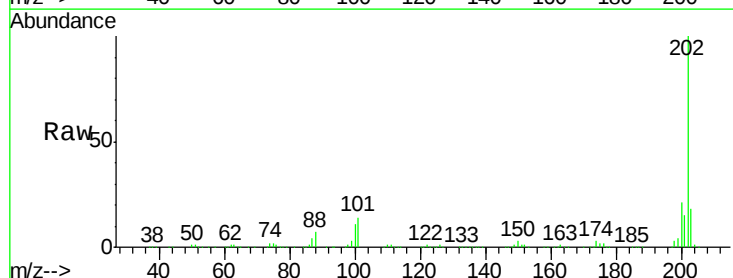
Tgt Ion:202 Resp: 1052594

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

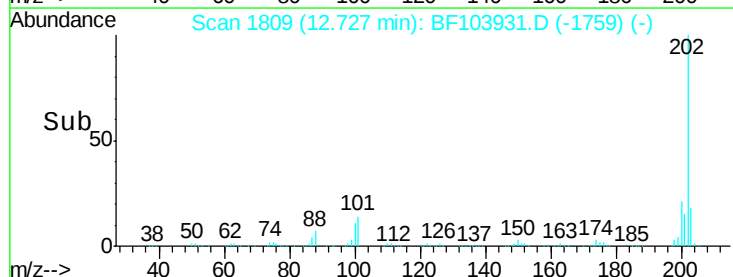
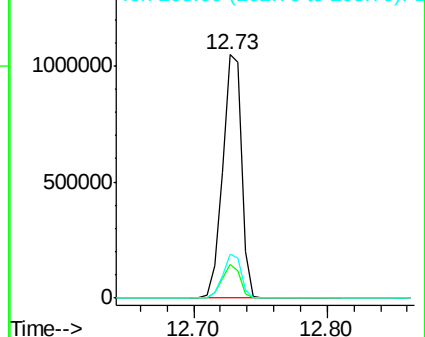
203 18.0 0.0 38.1

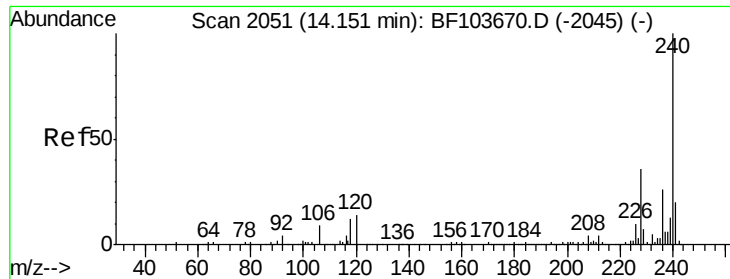


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





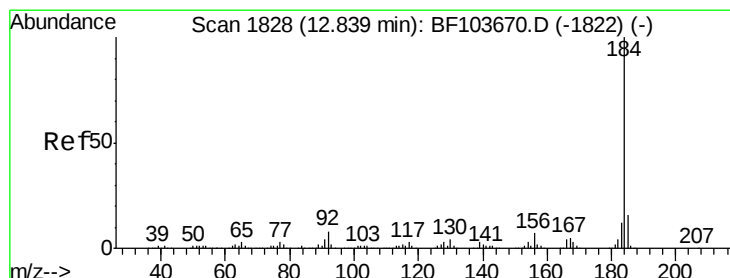
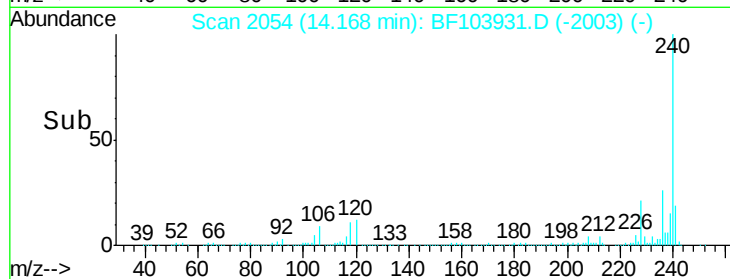
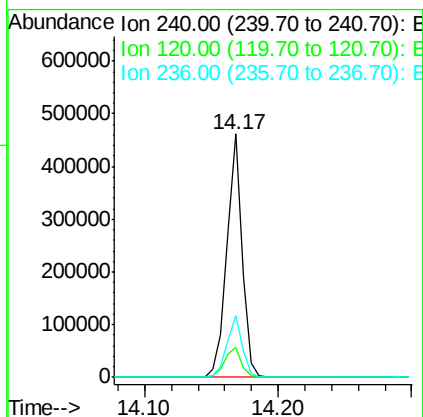
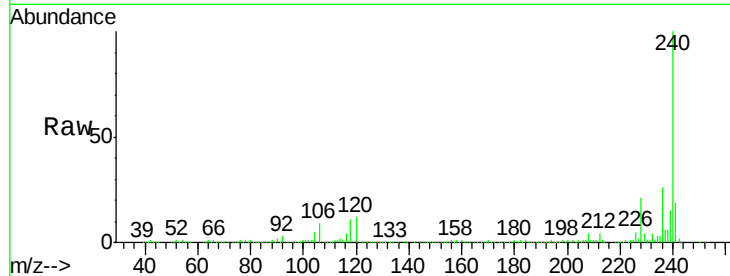
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.7	20.7	31.1

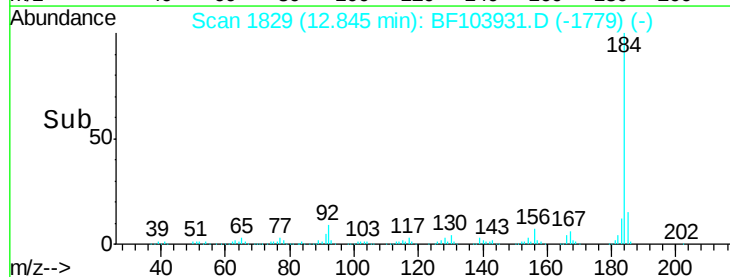
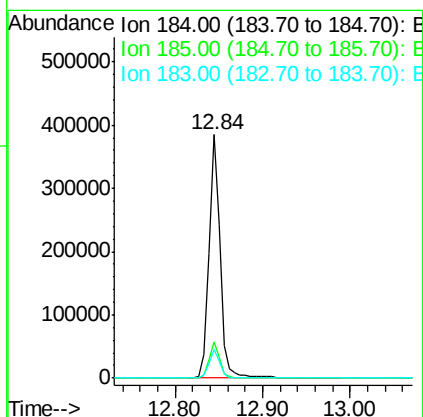
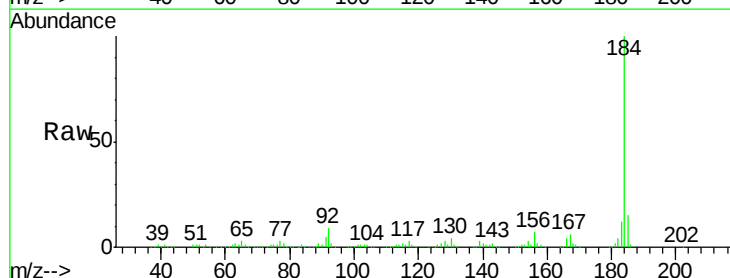
Manual Integrations
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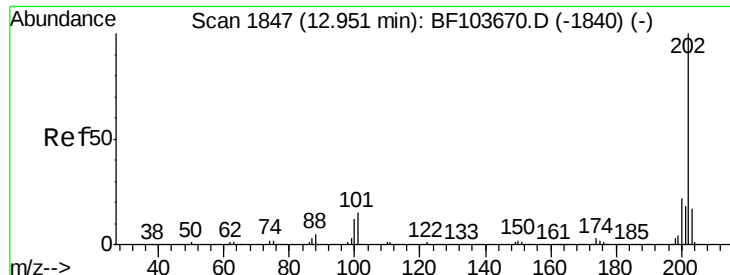
Sohil
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#76
Benzidine
Concen: 21.341 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.6	9.3	13.9





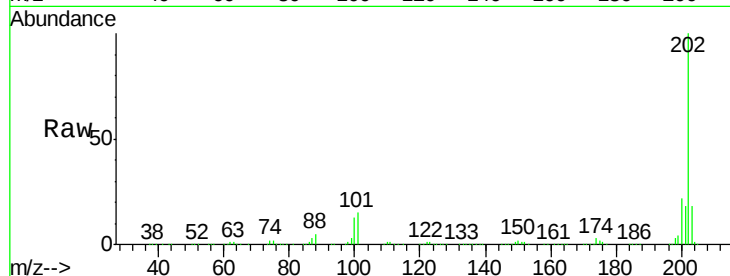
#77
Pvrene
Concen: 38.363 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

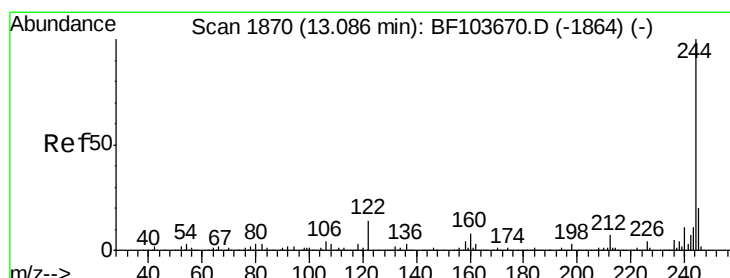
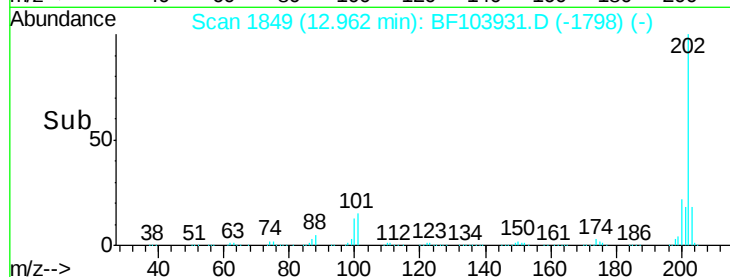
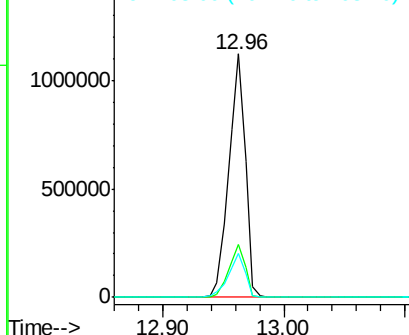
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.3	21.5

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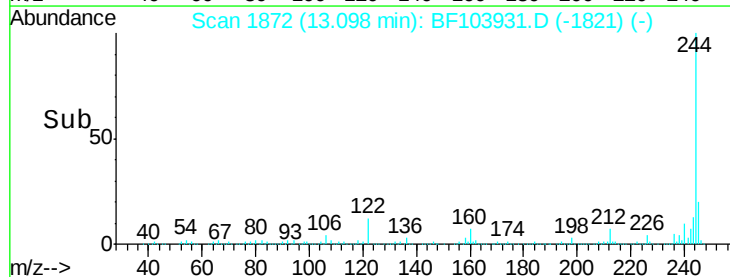
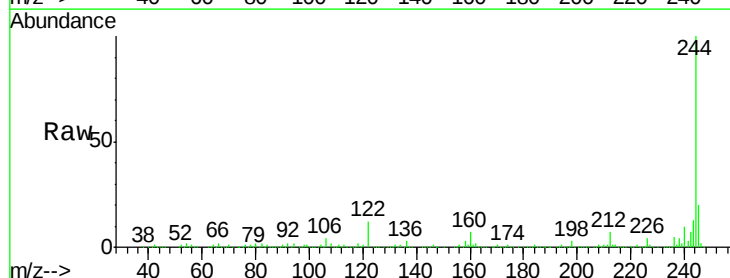
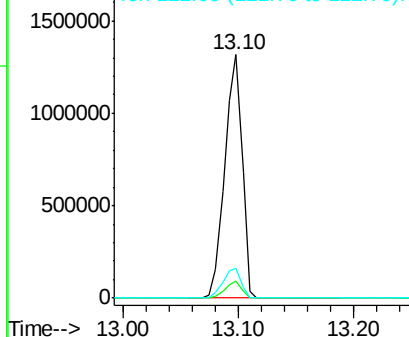
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 84.043 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4

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





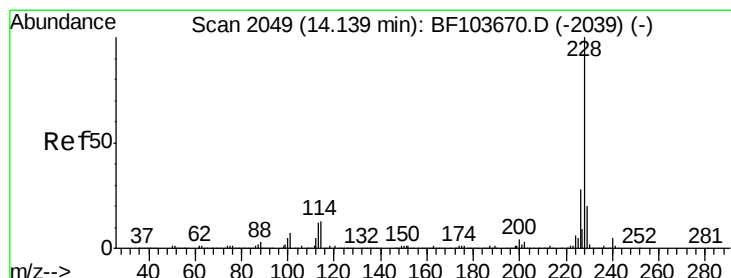
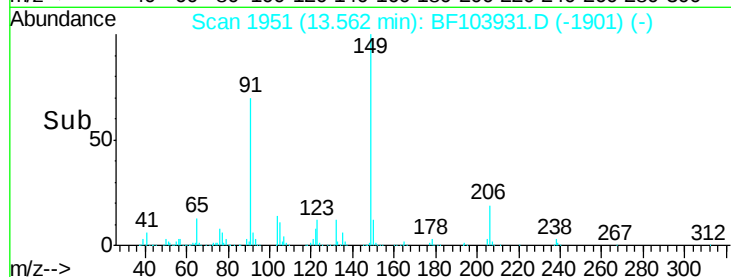
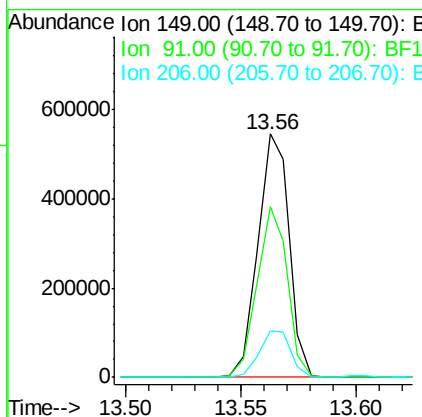
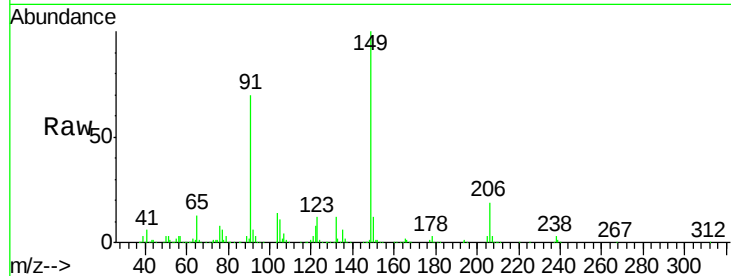
#79
Butylbenzylphthalate
Concen: 41.885 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	513559		
91	70.2	56.8	85.2	
206	19.0	14.1	21.1	

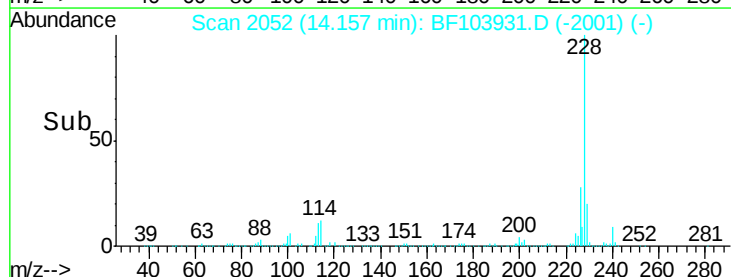
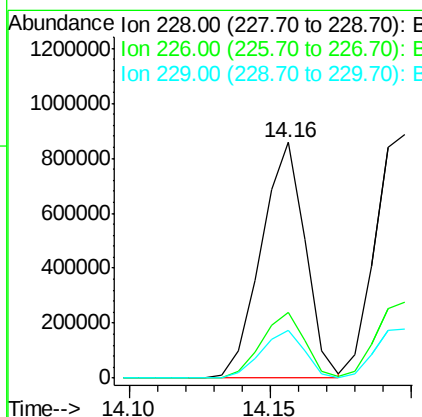
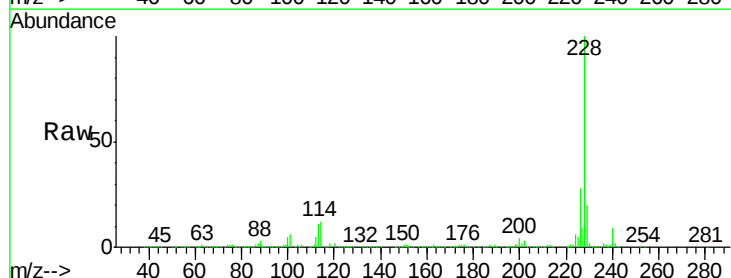
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#80
Benzo(a)anthracene
Concen: 38.828 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	926178		
226	27.7	22.6	33.8	
229	20.3	15.8	23.6	





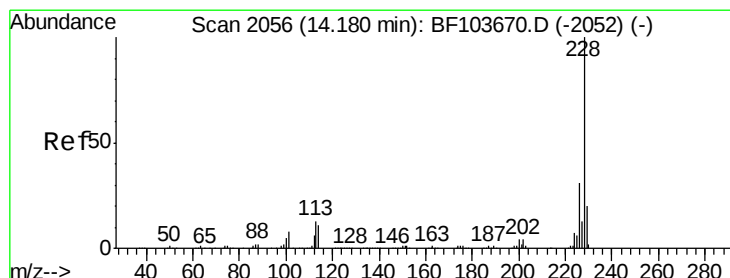
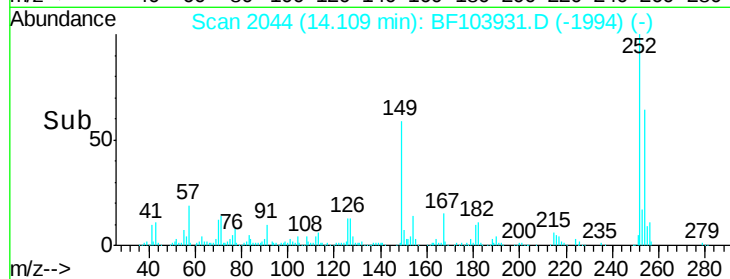
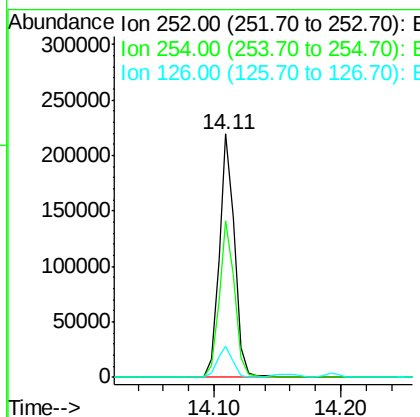
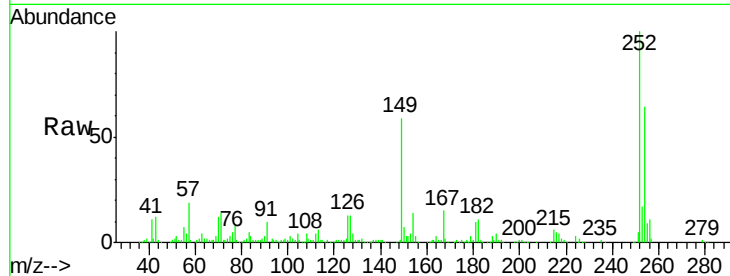
#81
 3,3'-Dichlorobenzidine
 Concen: 23.304 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	12.7	11.3	16.9

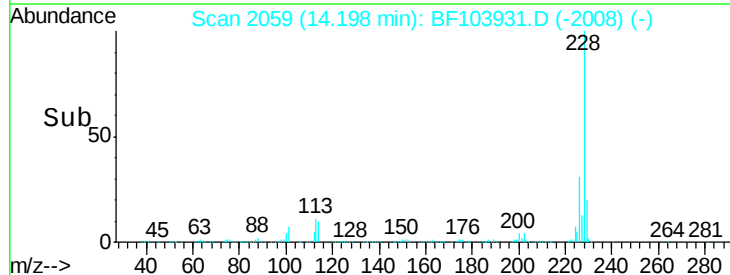
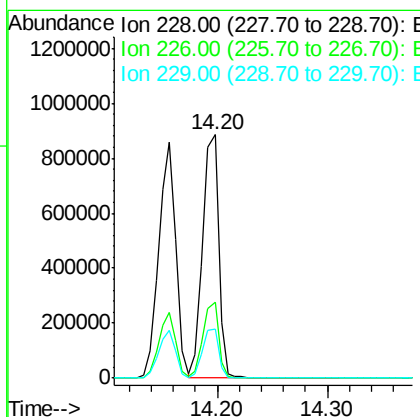
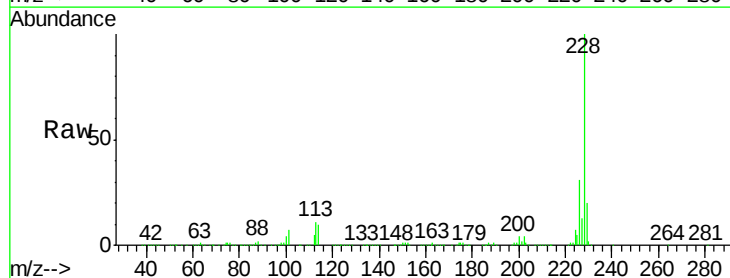
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#82
 Chrysene
 Concen: 38.144 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.219 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Instrument :

BNA_F

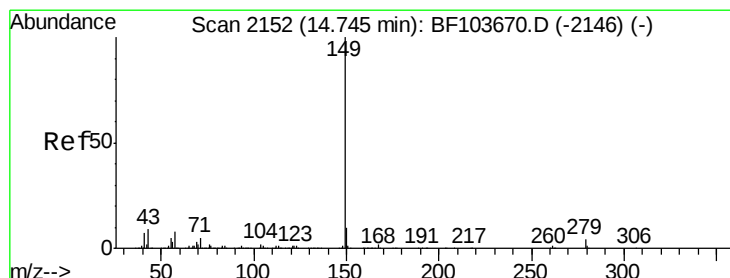
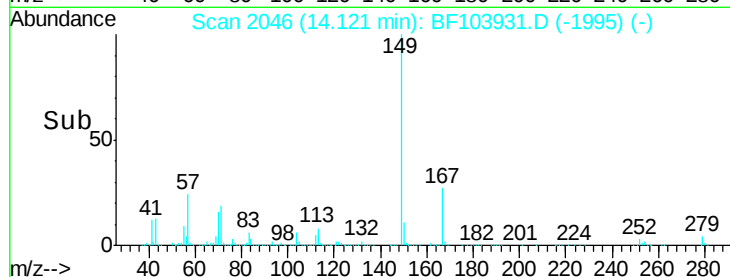
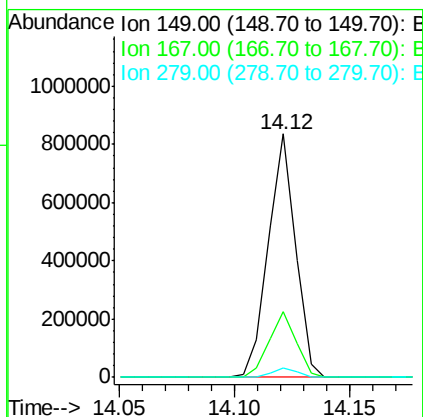
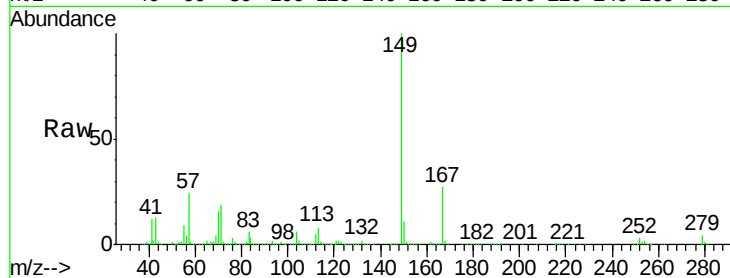
ClientSampleId :

PB107643BSD

Tot Ion:	149	Resp:	686957
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.7	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 44.763 ng

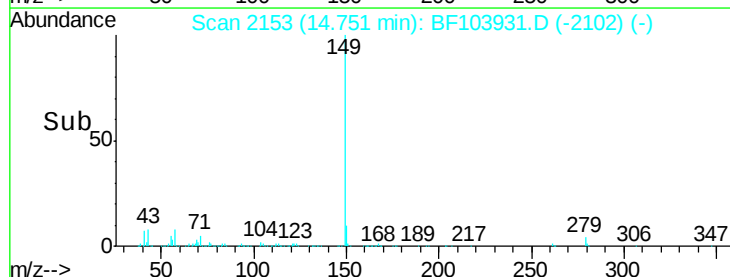
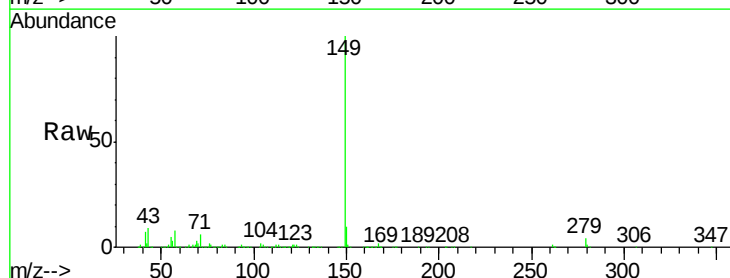
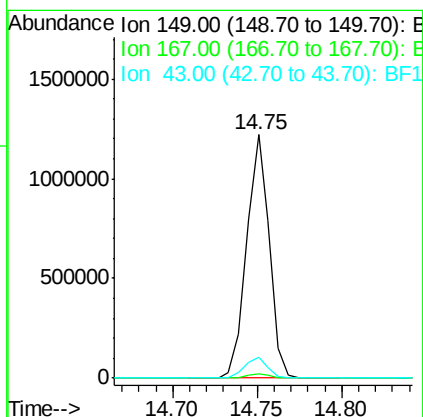
RT: 14.75 min Scan# 2153

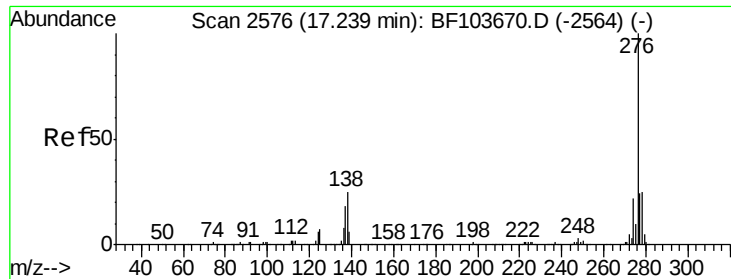
Delta R.T. -0.00 min

Lab File: BF103931.D

Acq: 26 Mar 2018 18:10

Tgt Ion:	149	Resp:	1140672
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.1	8.4	12.6#





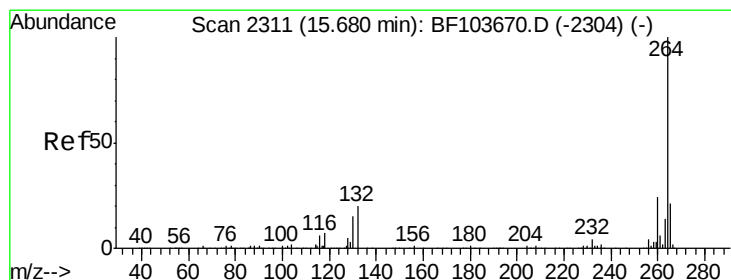
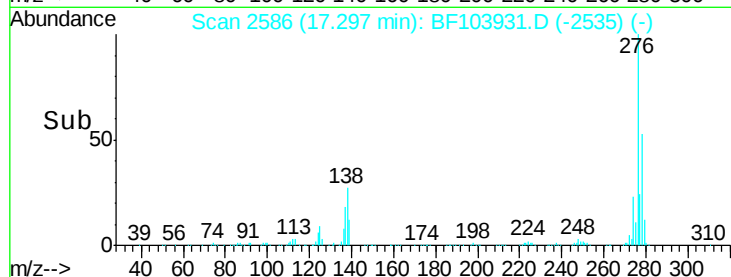
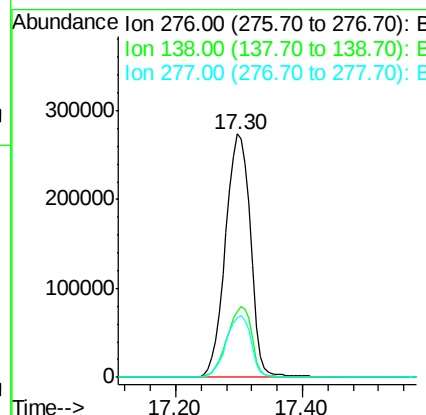
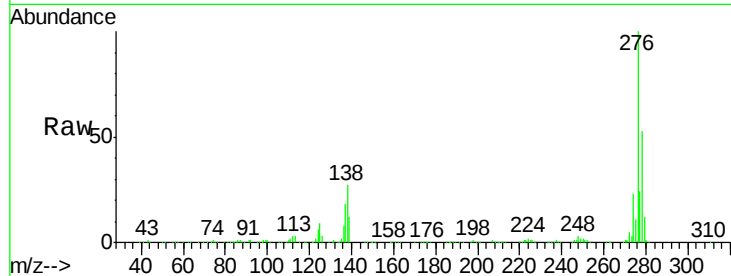
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.811 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	25.4	20.1	30.1

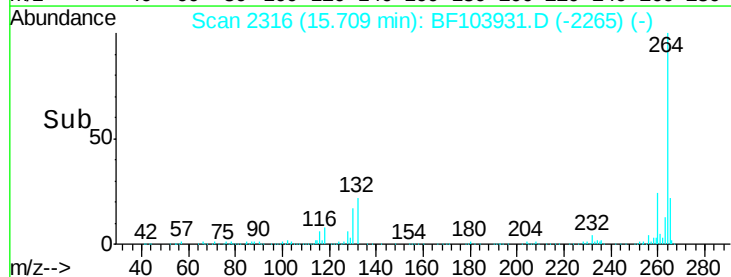
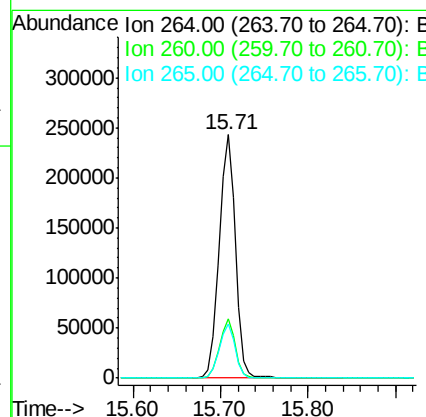
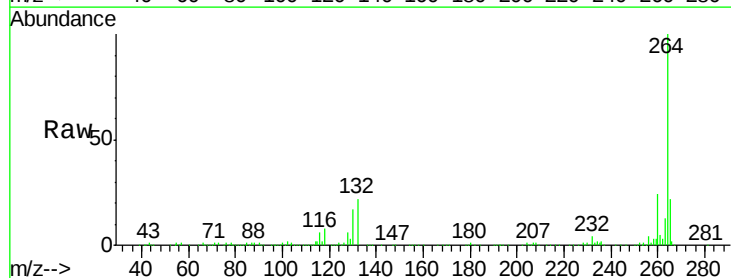
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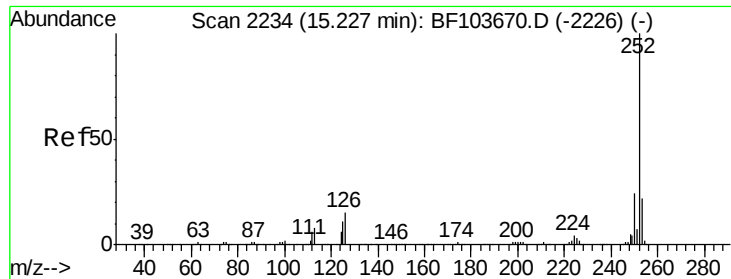
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





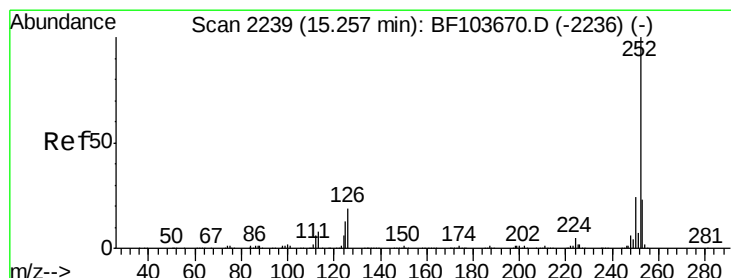
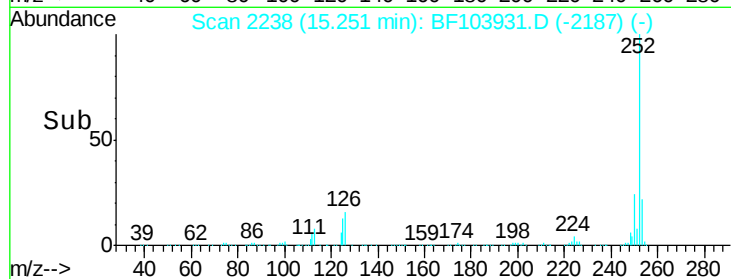
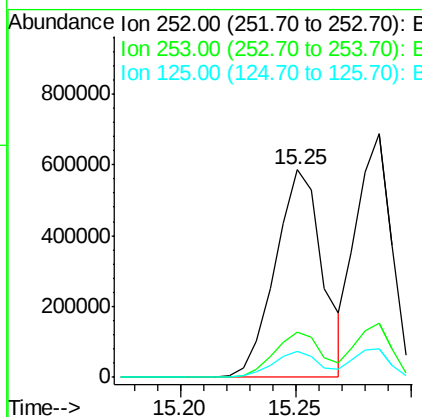
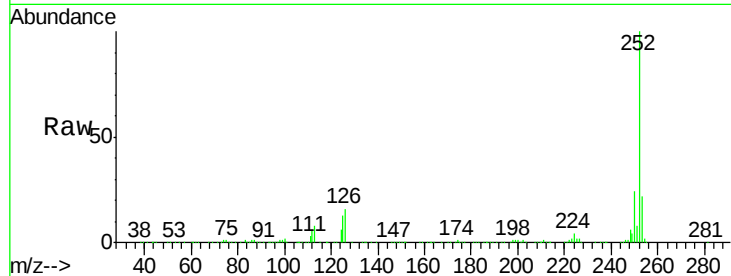
#87
Benzo(b)fluoranthene
Concen: 41.920 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.7	9.0	13.6

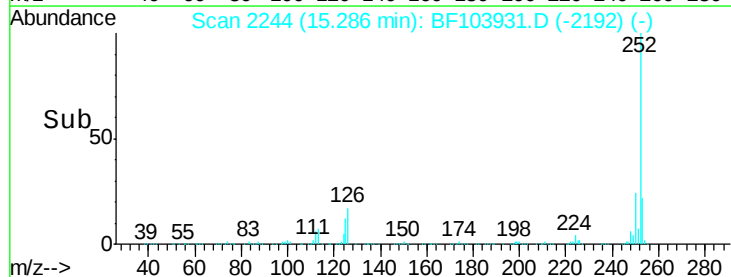
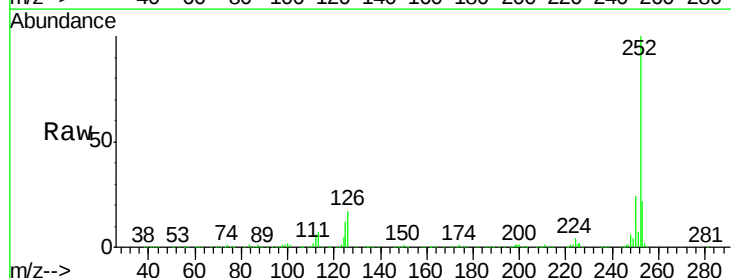
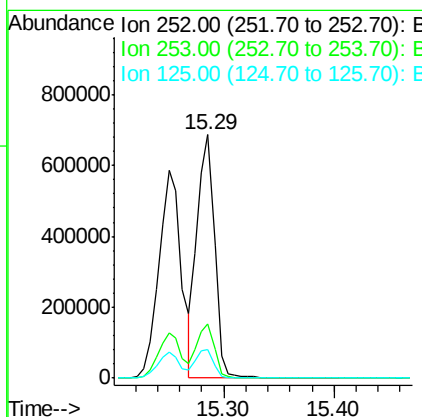
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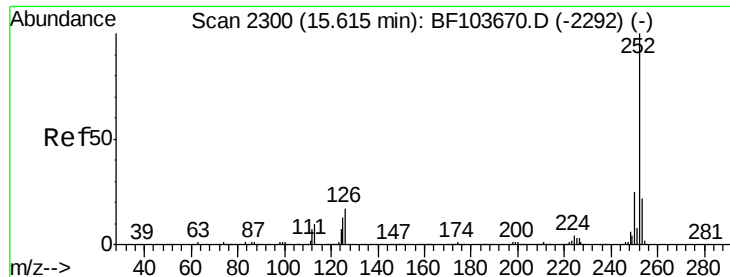
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#88
Benzo(k)fluoranthene
Concen: 38.696 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.0	10.2	15.2





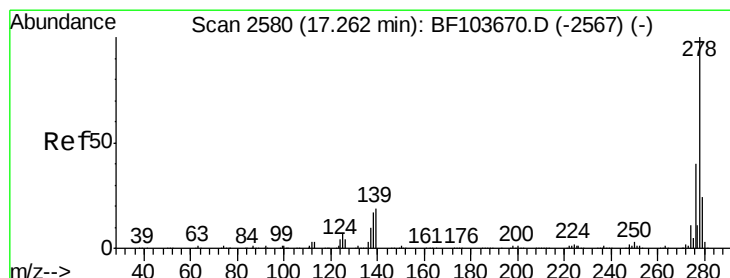
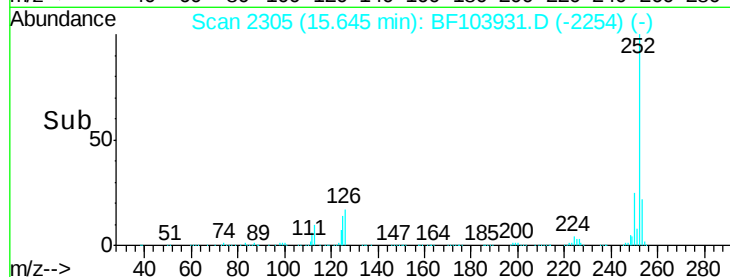
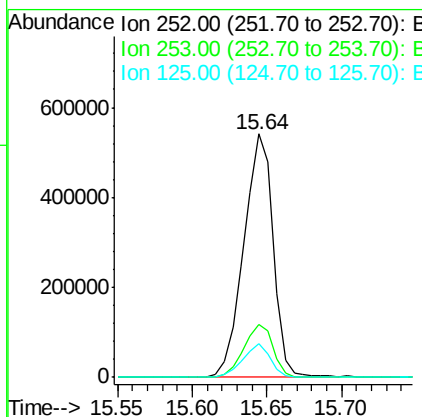
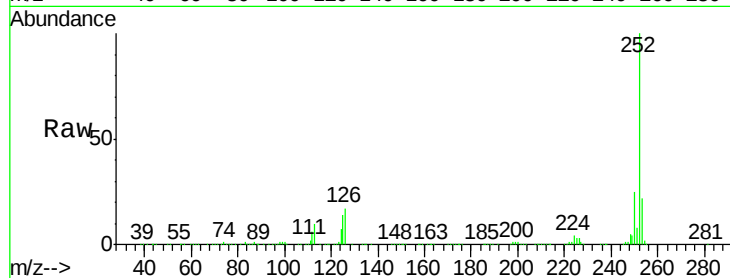
#89
Benzo(a)pyrene
Concen: 40.721 ng
RT: 15.64 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Instrument :
BNA_F
ClientSampleId :
PB107643BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.9	9.8	14.6

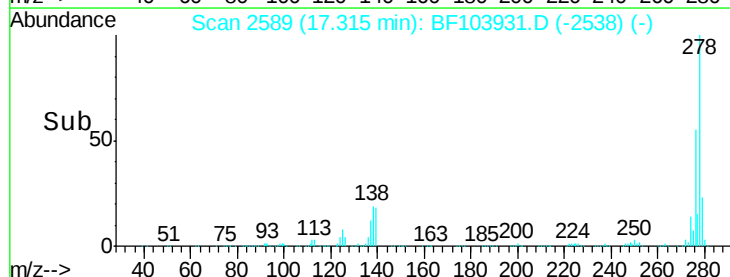
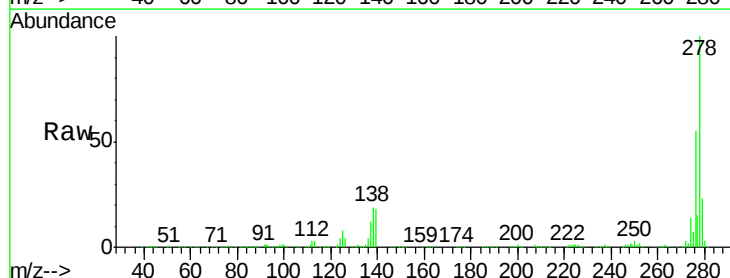
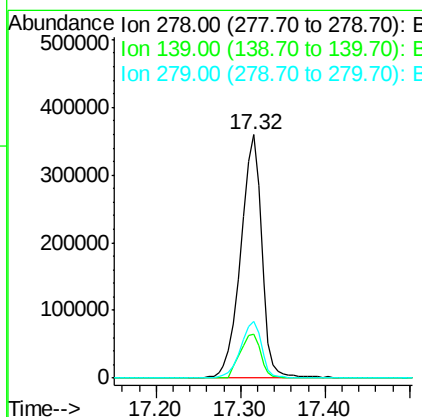
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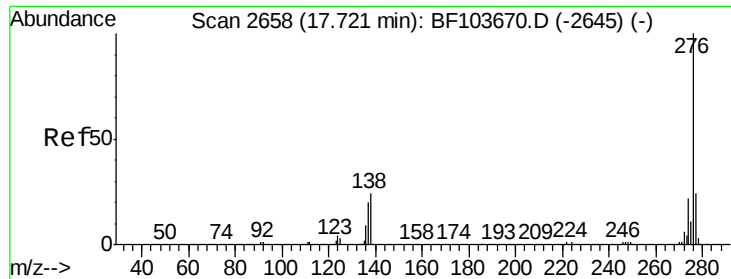
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#90
Dibenzo(a,h)anthracene
Concen: 39.589 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF103931.D
Acq: 26 Mar 2018 18:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.145 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: BF103931.D
 Acq: 26 Mar 2018 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB107643BSD

Tot Ion:	276	Resp:	625757
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	25.6	21.8	32.8

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