

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103965.D
 Acq On : 27 Mar 2018 9:52
 Operator : JU/SJ
 Sample : PB107629BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:30 PM

Quant Time: Mar 27 11:57:14 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	135884	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	555978	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	256759	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	429597	20.00	ng	0.00
75) Chrysene-d12	14.16	240	267094	20.00	ng	0.00
86) Perylene-d12	15.70	264	239230	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	903976	101.18	ng	0.01
7) Phenol-d6	6.60	99	1118092	102.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	680324	85.33	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	276835	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1240815	77.09	ng	0.00
78) Terphenyl-d14	13.10	244	1046210	90.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	137079	31.161	ng	89
3) Pyridine	3.67	79	378804	31.307	ng	87
4) n-Nitrosodimethylamine	3.63	42	142325	31.902	ng	# 73
6) Aniline	6.64	93	185654	11.895	ng	97
8) 2-Chlorophenol	6.76	128	376238	40.202	ng	94
9) Benzaldehyde	6.53	77	85897	11.962	ng	94
10) Phenol	6.62	94	452353	38.948	ng	95
11) bis(2-Chloroethyl)ether	6.71	93	354686	36.993	ng	93
12) 1,3-Dichlorobenzene	6.92	146	391460	36.725	ng	99
13) 1,4-Dichlorobenzene	6.99	146	397504	37.112	ng	99
14) 1,2-Dichlorobenzene	7.15	146	372208	37.449	ng	100
15) Benzyl Alcohol	7.12	79	316104	37.326	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	445809	32.691	ng	92
17) 2-Methylphenol	7.22	107	313252	37.587	ng	99
18) Hexachloroethane	7.49	117	129467	34.363	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	241091	34.419	ng	90
20) 3+4-Methylphenols	7.37	107	384506	36.354	ng	95
22) Acetophenone	7.38	105	486638	34.057	ng	# 97
24) Nitrobenzene	7.56	77	376594	40.235	ng	98
25) Isophorone	7.79	82	690608	37.419	ng	99
26) 2-Nitrophenol	7.87	139	197986	54.102	ng	89
27) 2,4-Dimethylphenol	7.90	122	347468	43.947	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	448382	40.121	ng	99
29) 2,4-Dichlorophenol	8.11	162	310218	43.126	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	317334	38.035	ng	99
31) Naphthalene	8.28	128	1053784	37.521	ng	100
32) Benzoic acid	8.02	122	233153	43.073	ng	95
33) 4-Chloroaniline	8.32	127	75964	6.447	ng	97
34) Hexachlorobutadiene	8.39	225	170889	37.358	ng	98
35) Caprolactam	8.70	113	98843m	39.905	ng	
36) 4-Chloro-3-methylphenol	8.80	107	334205	42.144	ng	98
37) 2-Methylnaphthalene	8.97	142	705377	39.605	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	301760	41.196	ng	99
40) Hexachlorocyclopentadiene	9.12	237	90809	24.025	ng	99

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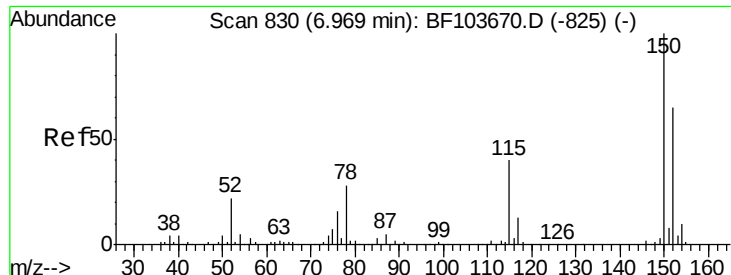
Manual Integrations
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 3/27/2018 2:16:30 PM

Quant Time: Mar 27 11:57:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	211175	45.072	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	229188	43.339	nq	96
45) 1,1'-Biphenyl	9.43	154	820305	38.314	nq	100
46) 2-Chloronaphthalene	9.46	162	651139	38.291	nq	100
47) 2-Nitroaniline	9.56	65	196221	44.662	nq	98
48) Acenaphthylene	9.88	152	988950	37.504	nq	100
49) Dimethylphthalate	9.73	163	784290	40.037	nq	100
50) 2,6-Dinitrotoluene	9.80	165	173394	45.943	nq	95
51) Acenaphthene	10.05	154	590378	37.706	nq	99
52) 3-Nitroaniline	9.97	138	78923	19.811	nq	95
53) 2,4-Dinitrophenol	10.08	184	88169	77.237	nq #	16
54) Dibenzofuran	10.23	168	878714	39.295	nq	98
55) 4-Nitrophenol	10.13	139	282438	78.829	nq	88
56) 2,4-Dinitrotoluene	10.21	165	225156	47.042	nq #	85
57) Fluorene	10.57	166	683583	39.394	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	179774	47.977	nq	91
59) Diethylphthalate	10.43	149	748704	38.508	nq	98
60) 4-Chlorophenyl-phenylether	10.56	204	325303	41.020	nq	95
61) 4-Nitroaniline	10.59	138	156097	36.671	nq	93
62) Azobenzene	10.72	77	682571	34.530	nq	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	65385	43.518	nq	80
65) n-Nitrosodiphenylamine	10.67	169	614676	42.036	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	196826	44.623	nq #	85
67) Hexachlorobenzene	11.12	284	207660	41.249	nq #	86
68) Atrazine	11.20	200	195372	43.191	nq	96
69) Pentachlorophenol	11.32	266	204103	70.520	nq	96
70) Phenanthrene	11.54	178	905792	38.544	nq	98
71) Anthracene	11.59	178	943408	39.526	nq	99
72) Carbazole	11.74	167	857422	36.960	nq	99
73) Di-n-butylphthalate	12.06	149	1128029	40.525	nq	100
74) Fluoranthene	12.73	202	844316	34.874	nq	100
76) Benzidine	12.84	184	407483	35.770	nq	98
77) Pyrene	12.96	202	818722	41.739	nq	99
79) Butylbenzylphthalate	13.56	149	415494	47.810	nq	99
80) Benzo(a)anthracene	14.16	228	661374	39.118	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	193280	34.177	nq	98
82) Chrysene	14.19	228	611343	37.932	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	577738	46.535	nq	99
84) Di-n-octyl phthalate	14.74	149	895754	49.594	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	546470	38.827	nq	98
87) Benzo(b)fluoranthene	15.24	252	613121	40.566	nq	98
88) Benzo(k)fluoranthene	15.28	252	581327	40.013	nq	99
89) Benzo(a)pyrene	15.64	252	569383	41.535	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	467691	39.401	nq	99
91) Benzo(g,h,i)perylene	17.77	276	433959	37.579	nq	95

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



#1

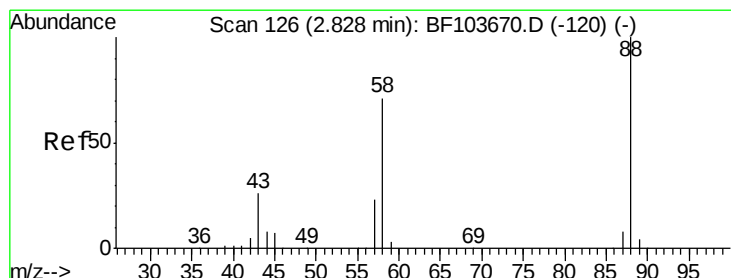
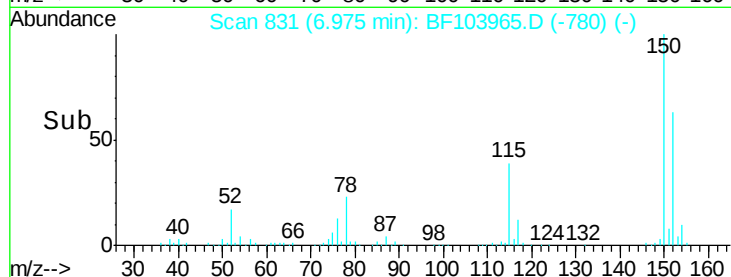
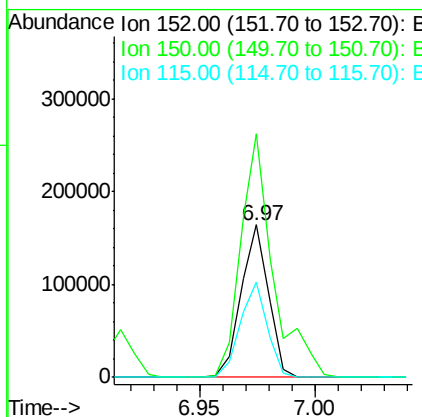
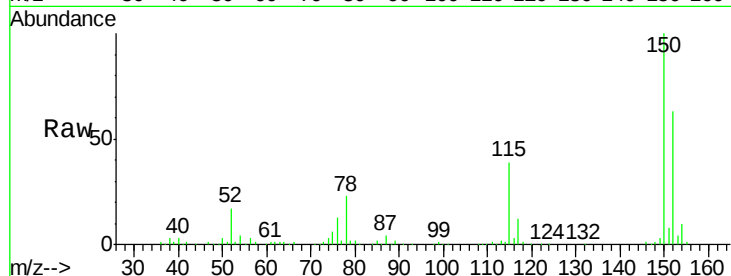
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.1	50.1	75.1

Manual Integrations
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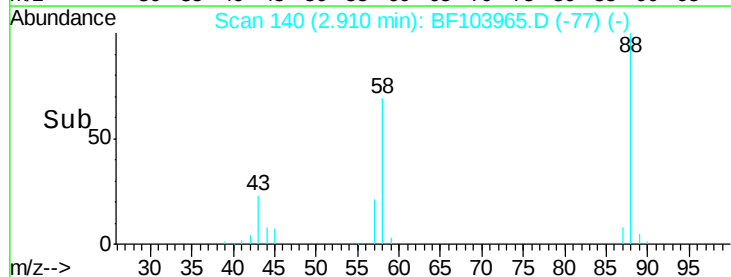
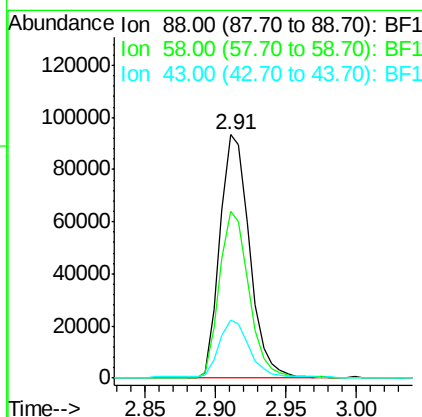
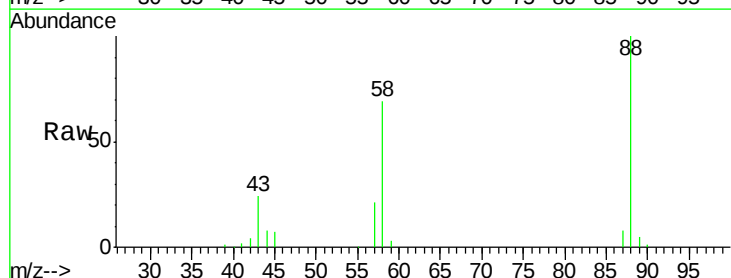
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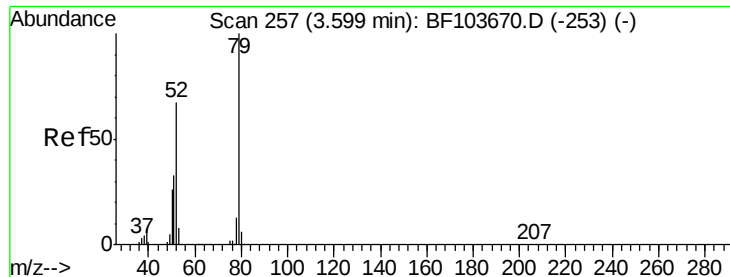


#2

1,4-Dioxane
Concen: 31.161 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.07 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	62.6	93.8
43	24.9	24.6	37.0





#3

Pvridine

Concen: 31.307 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

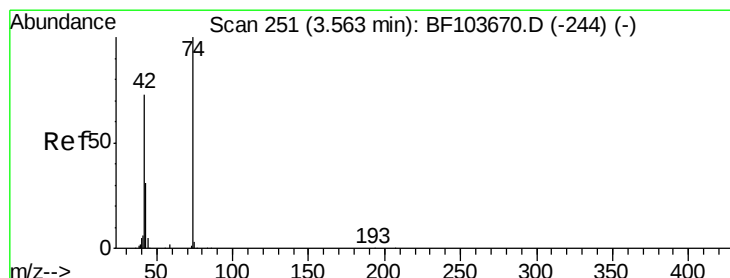
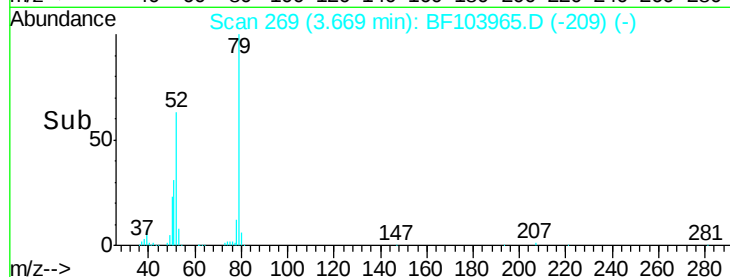
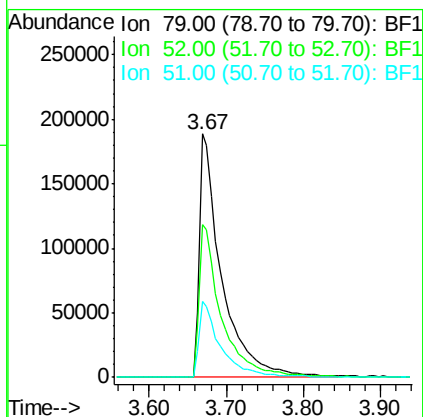
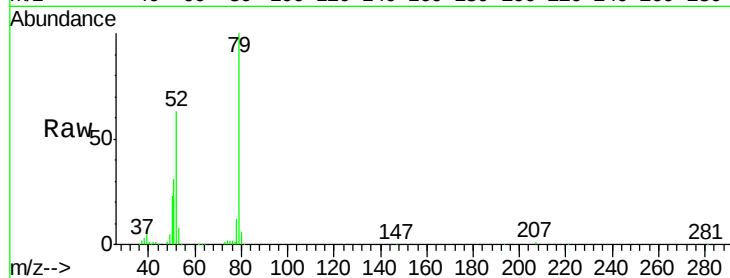
ClientSampleId :

PB107629BS

Tot Ion:	79	Resp:	378804
Ion Ratio	Lower	Upper	
79	100		
52	62.7	59.8	89.6
51	31.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 31.902 ng

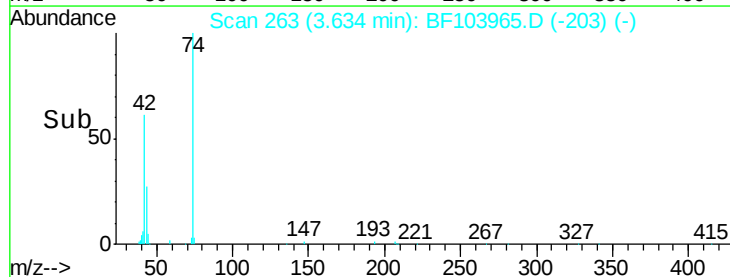
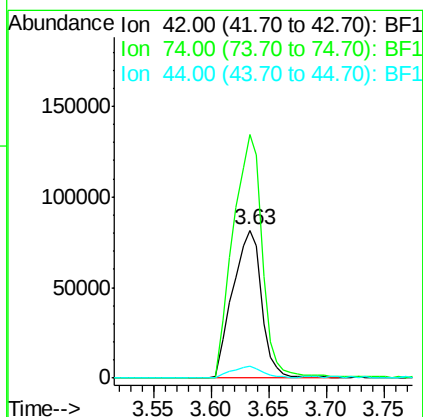
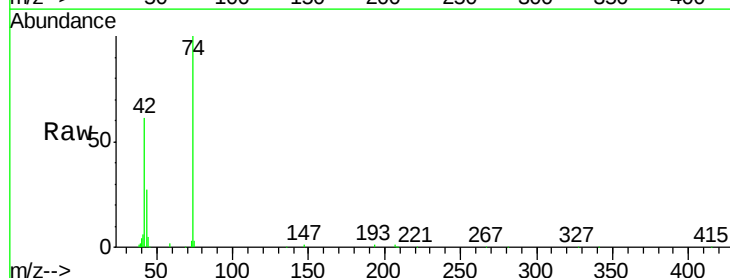
RT: 3.63 min Scan# 263

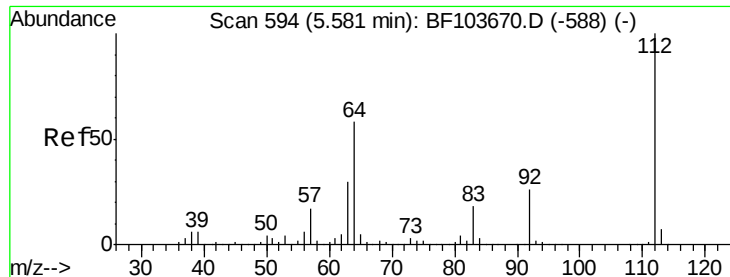
Delta R.T. 0.05 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	42	Resp:	142325
Ion Ratio	Lower	Upper	
42	100		
74	164.8	104.9	157.3#
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 101.185 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

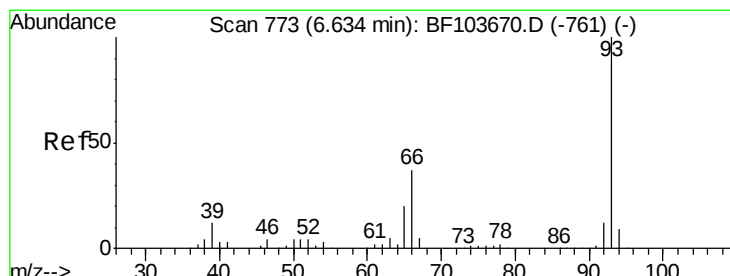
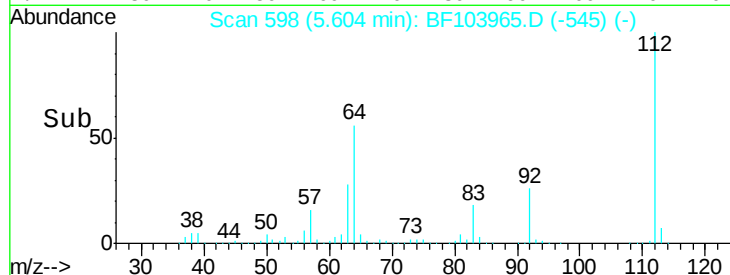
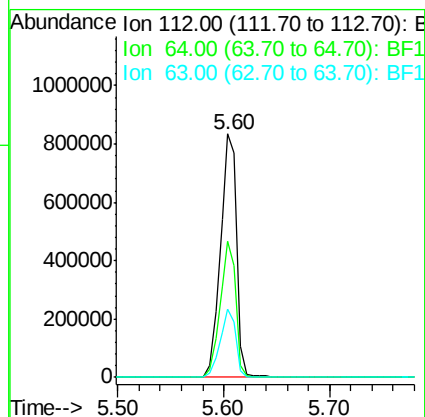
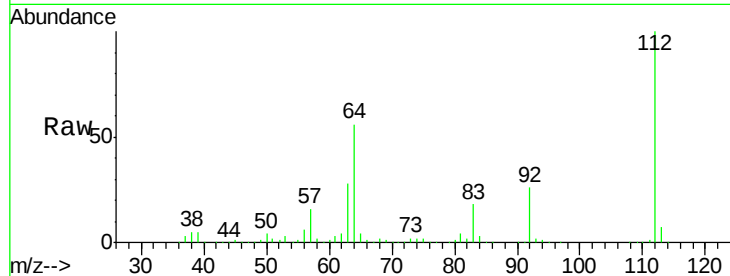
ClientSampleId :

PB107629BS

Tot Ion:	112	Resp:	903976
Ion Ratio	Lower	Upper	
112	100		
64	56.0	47.9	71.9
63	28.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 11.895 ng

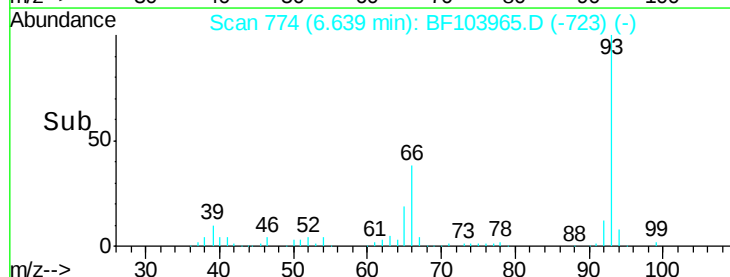
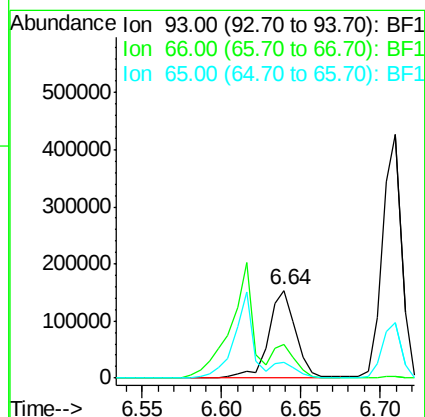
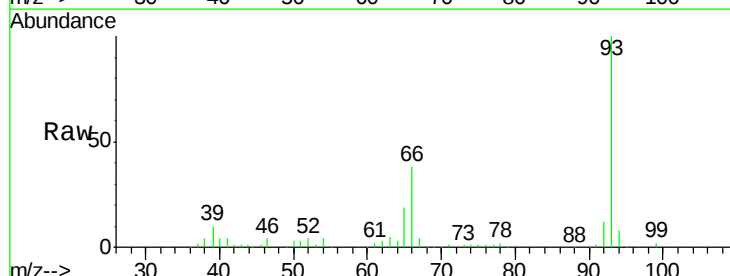
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	93	Resp:	185654
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.2	48.2
65	18.6	16.4	24.6





#7

Phenol-d6

Concen: 102.296 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

ClientSampled :

PB107629BS

Tot Ion: 99 Resp: 1118092

Ion Ratio Lower Upper

99 100

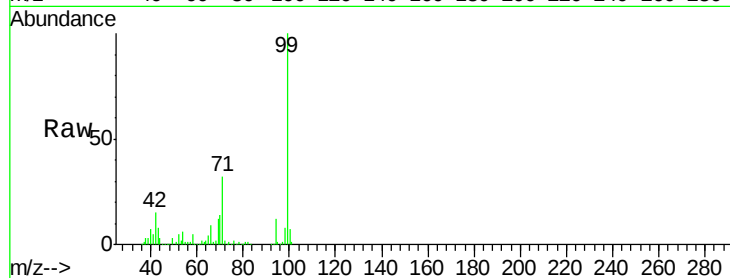
42 15.0 14.5 21.7

71 31.7 25.4 38.0

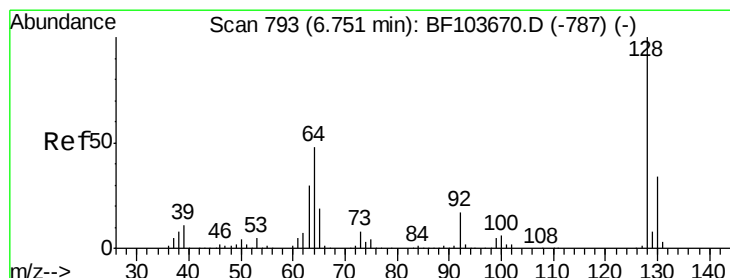
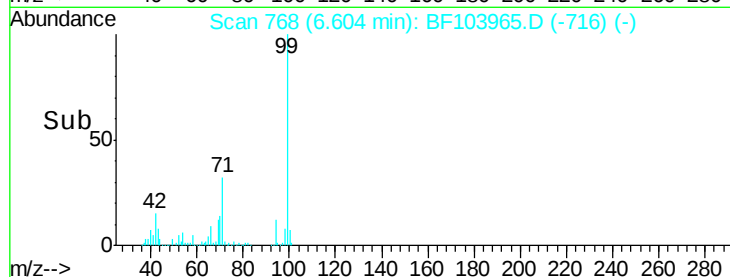
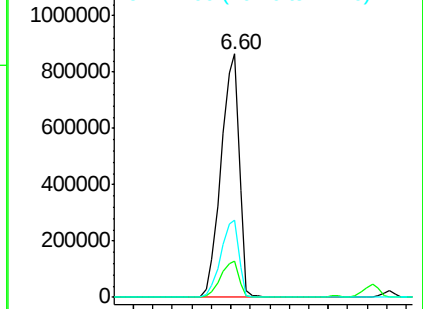
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.202 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

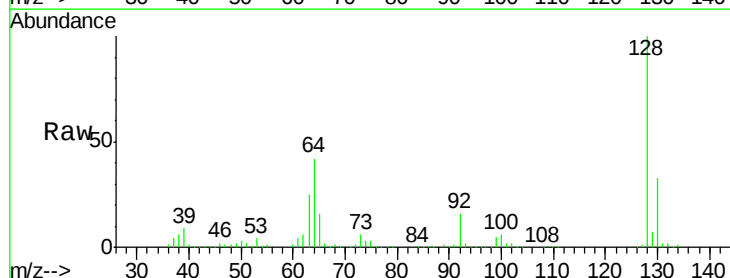
Tgt Ion: 128 Resp: 376238

Ion Ratio Lower Upper

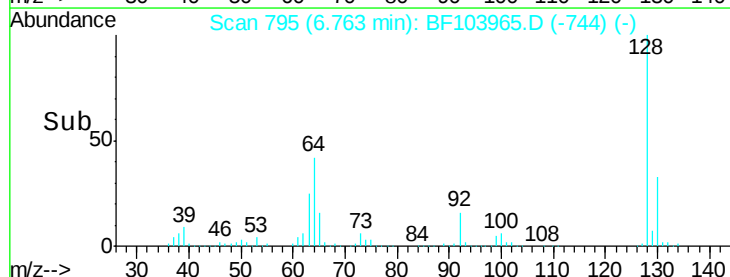
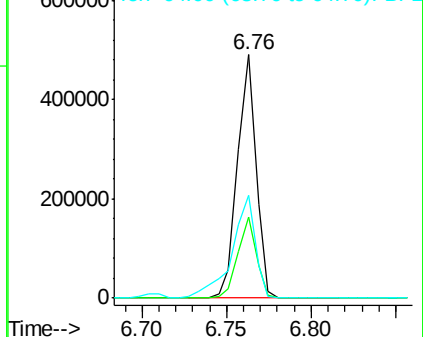
128 100

130 33.1 13.0 53.0

64 42.4 29.4 69.4



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





#9

Benzaldehyde

Concen: 11.962 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

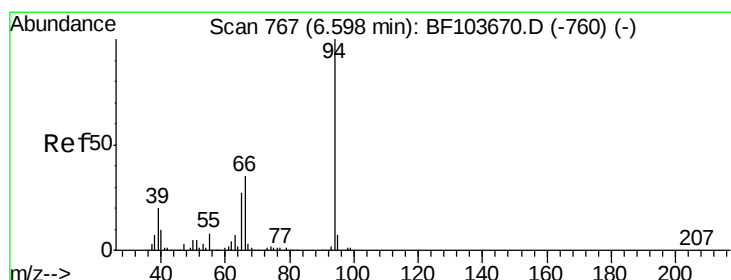
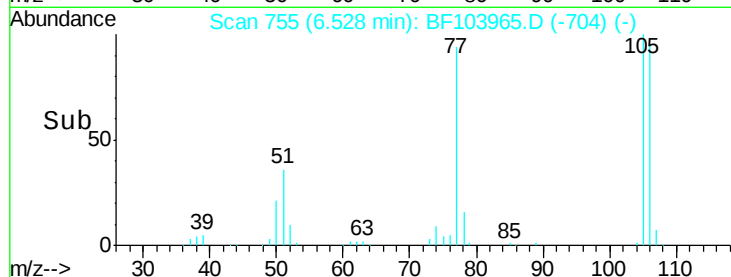
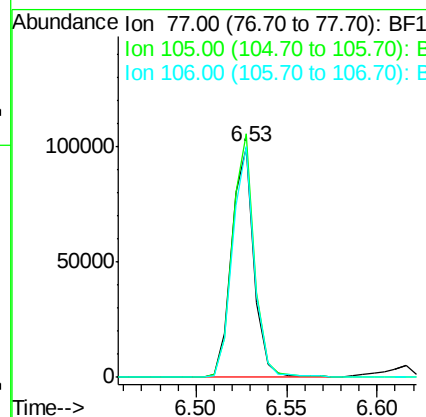
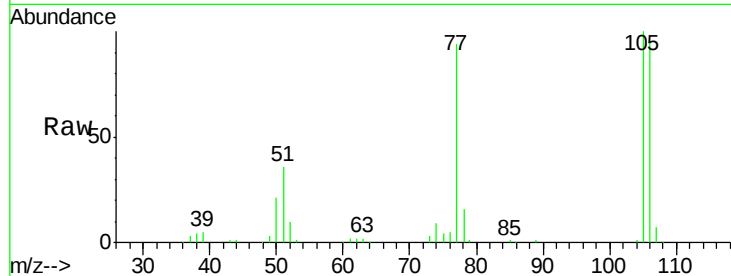
ClientSampled :

PB107629BS

Tot Ion:	77	Resp:	85897
Ion	Ratio	Lower	Upper
77	100		
105	106.0	81.1	121.1
106	100.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.948 ng

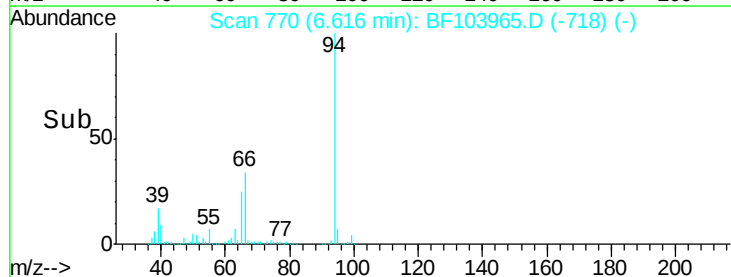
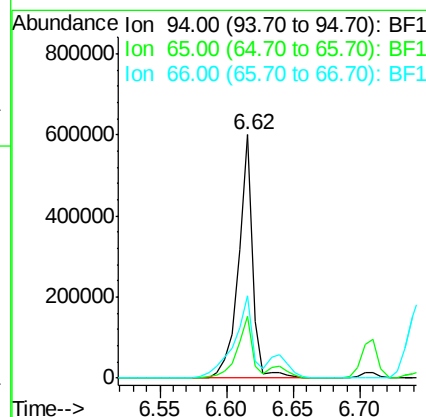
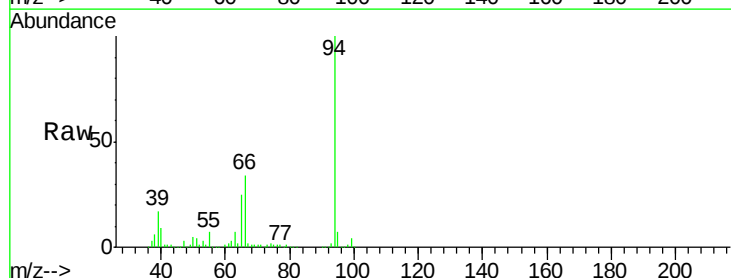
RT: 6.62 min Scan# 770

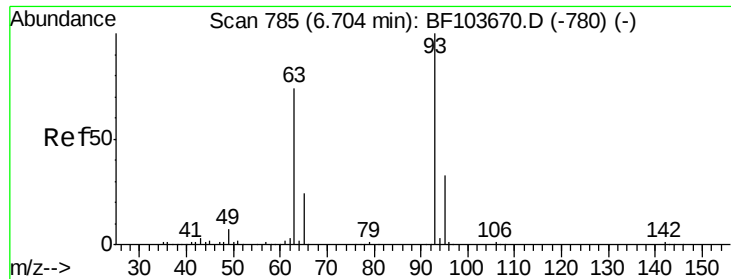
Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	94	Resp:	452353
Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.9	47.9
66	33.6	16.2	56.2





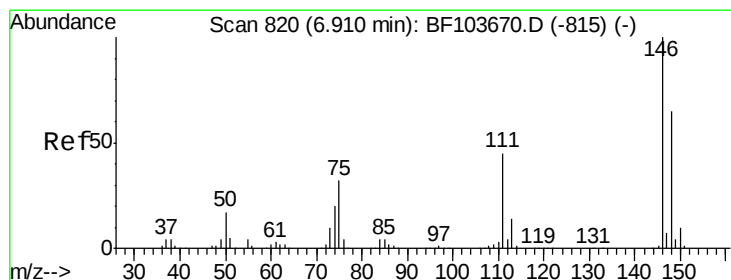
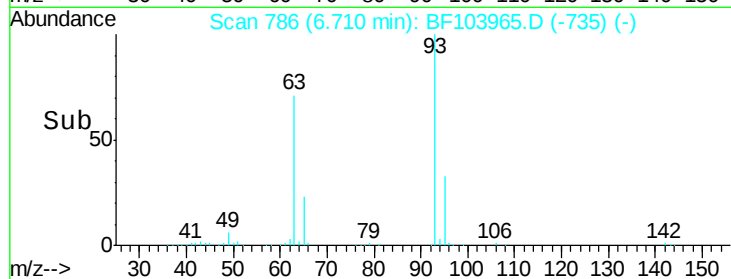
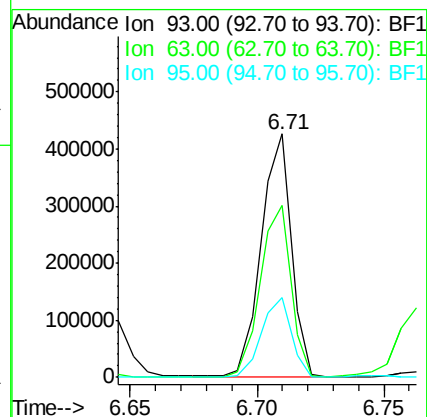
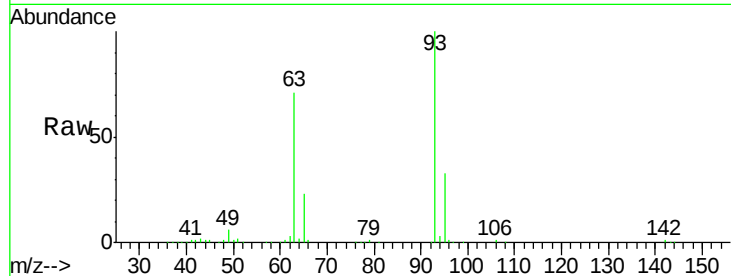
#11
bis(2-Chloroethyl)ether
Concen: 36.993 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.6	58.6	98.6
95	32.7	11.8	51.8

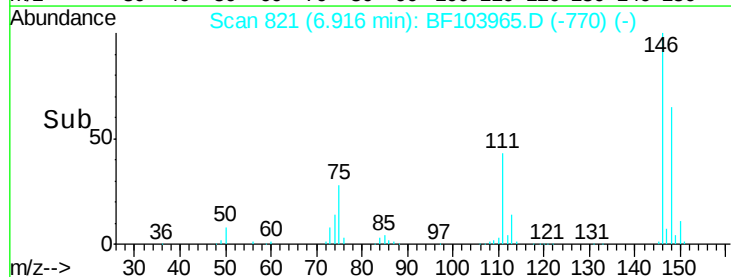
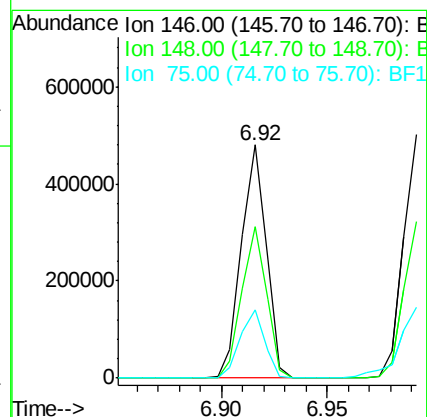
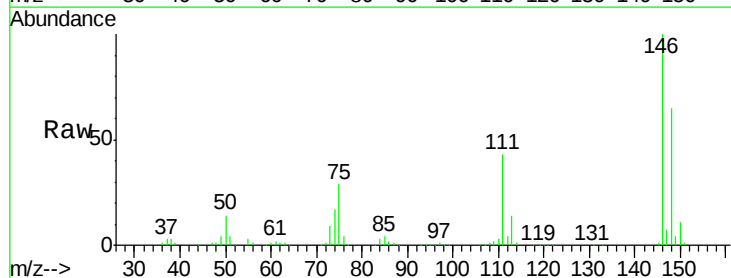
Manual Integrations
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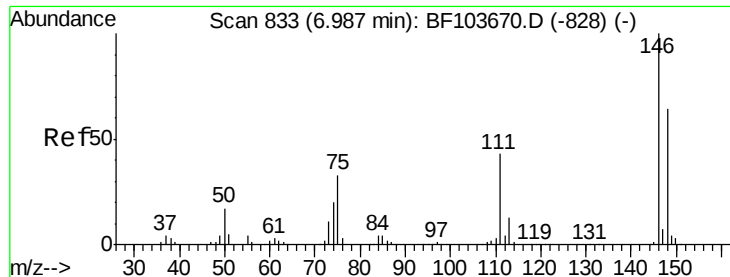
Sohil
3/27/2018 2:16:30 PM



#12
1,3-Dichlorobenzene
Concen: 36.725 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	29.3	24.2	36.4





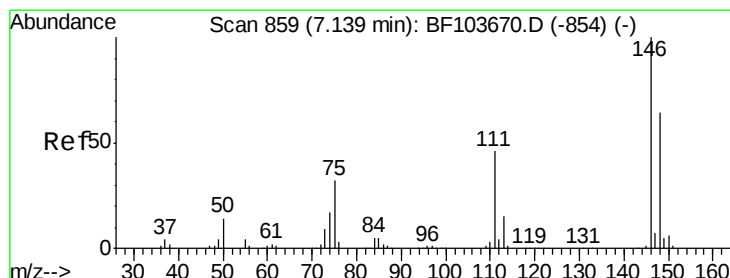
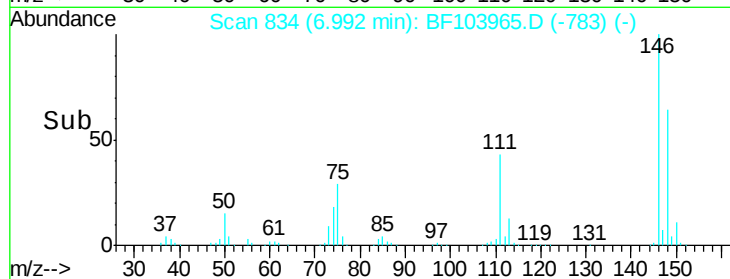
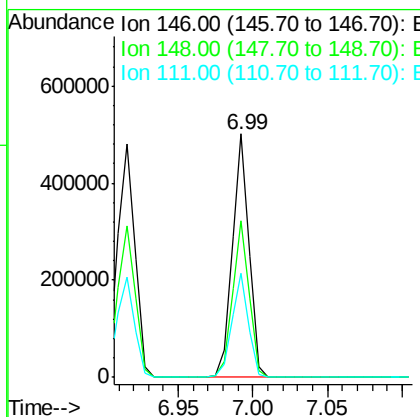
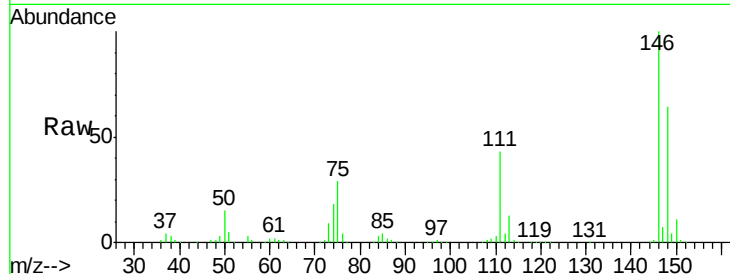
#13
1,4-Dichlorobenzene
Concen: 37.112 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	42.7	34.2	51.2

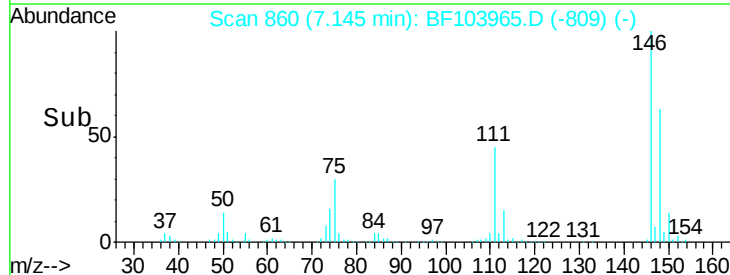
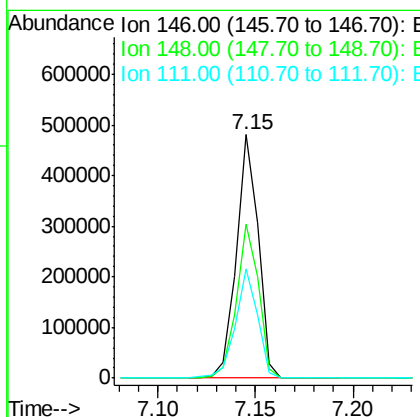
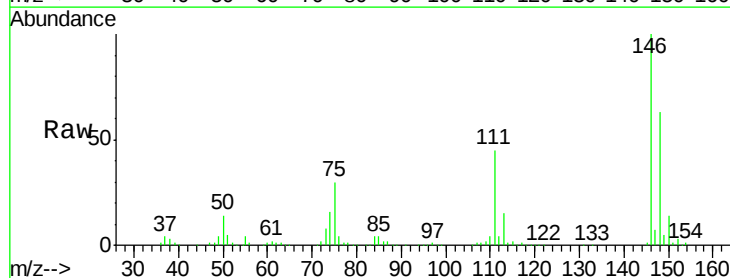
Manual Integrations
APPROVED

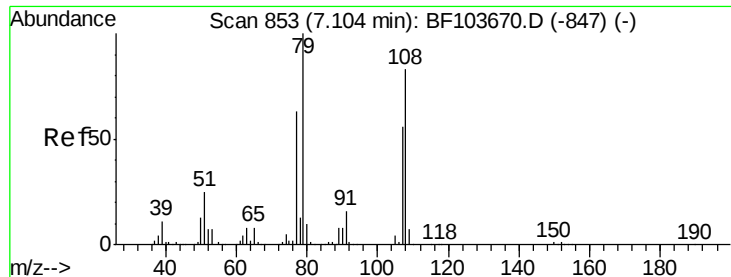
Sohil
3/27/2018 2:16:30 PM



#14
1,2-Dichlorobenzene
Concen: 37.449 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	44.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.326 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

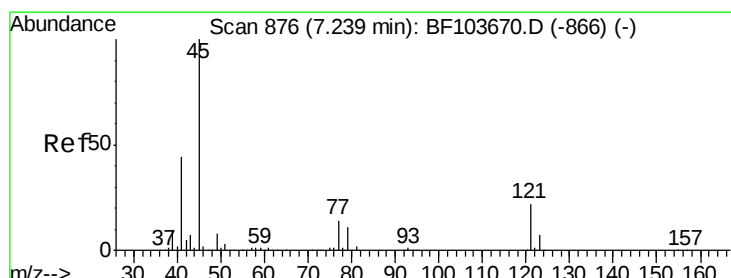
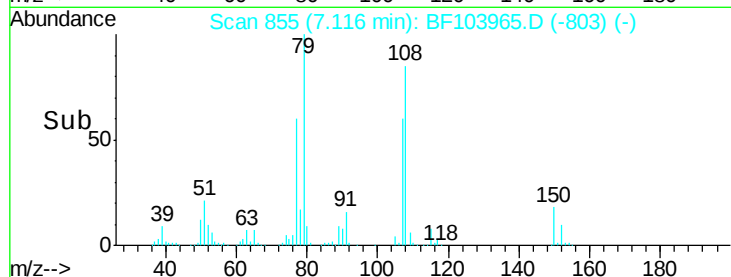
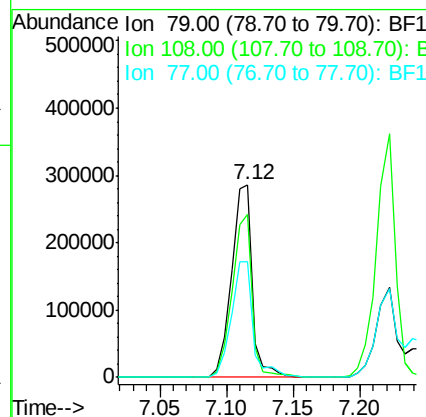
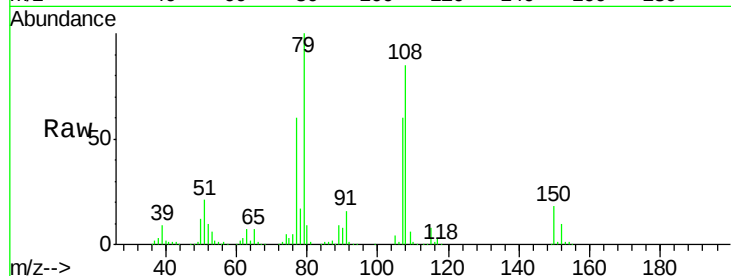
ClientSampleID :

PB107629BS

Tot Ion:	79	Resp:	316104
Ion	Ratio	Lower	Upper
79	100		
108	84.6	65.1	97.7
77	60.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.691 ng

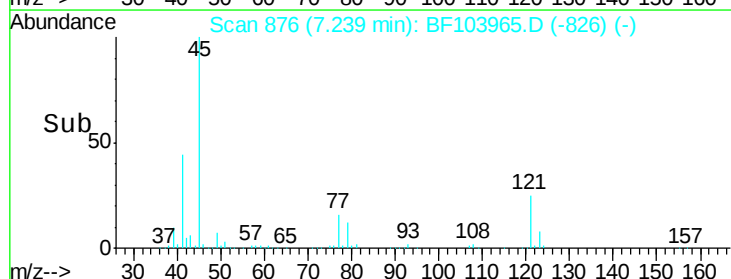
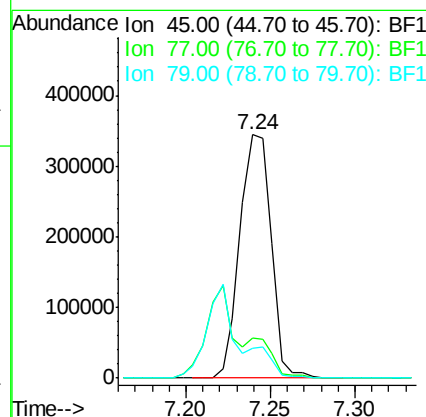
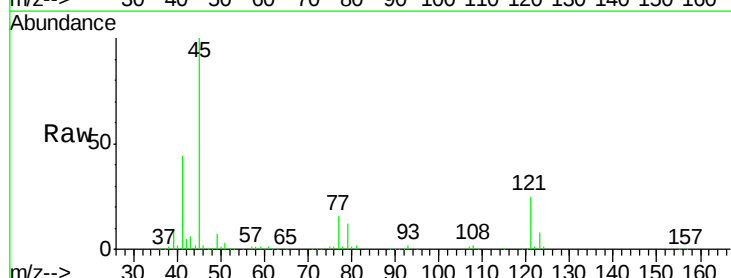
RT: 7.24 min Scan# 876

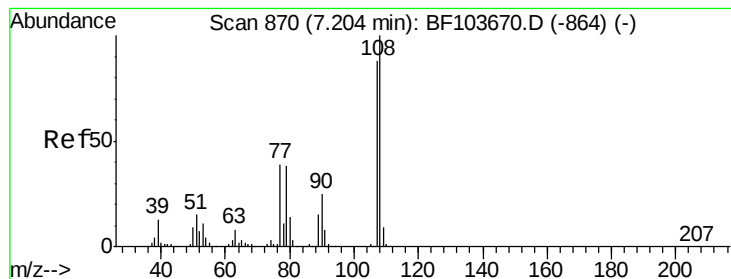
Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	45	Resp:	445809
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.9
79	12.3	0.0	29.6





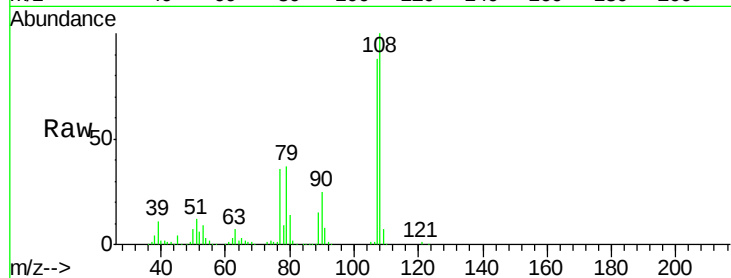
#17
2-Methylphenol
Concen: 37.587 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampled :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	41.2	33.8	50.8	
79	41.7	33.8	50.8	

Manual Integrations
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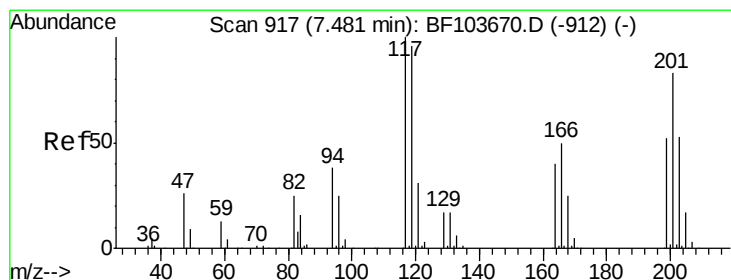
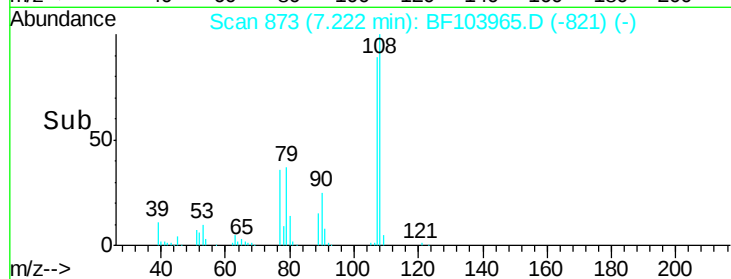
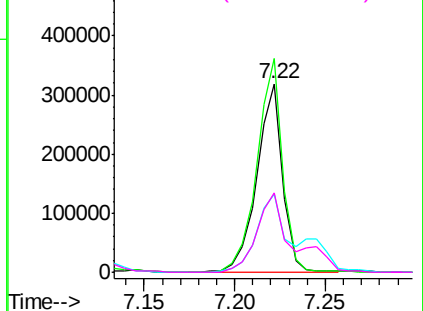
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.363 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

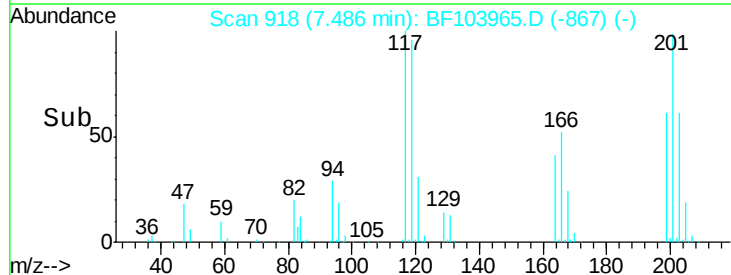
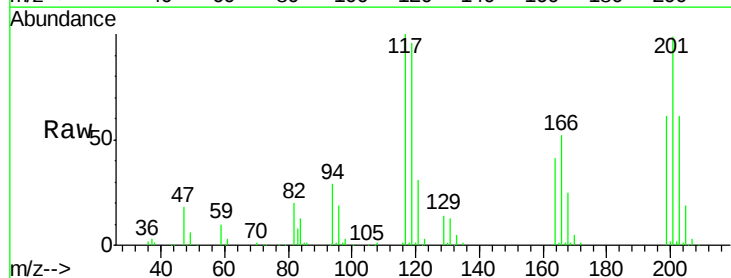
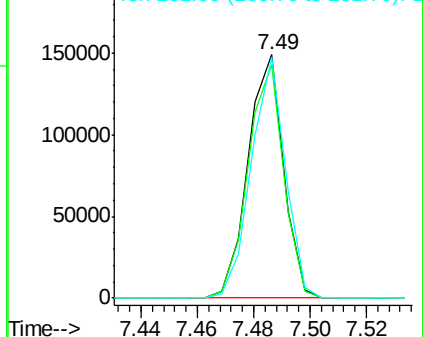
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.8	113.8	
201	99.0	75.7	113.5	

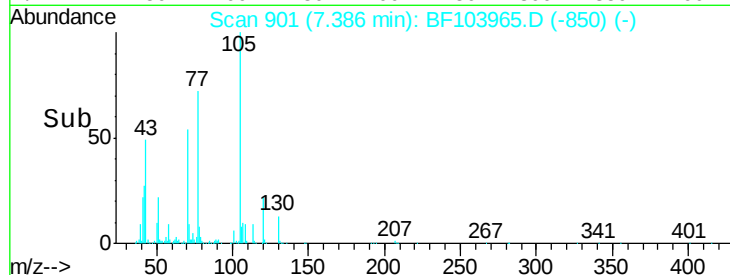
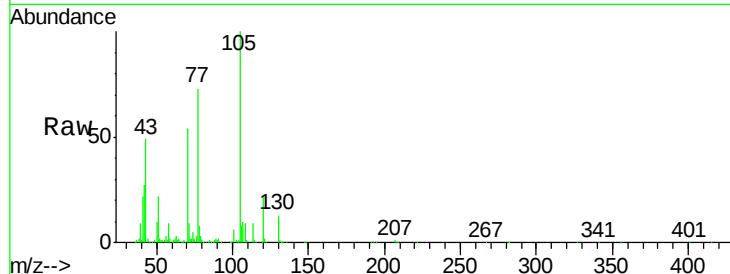
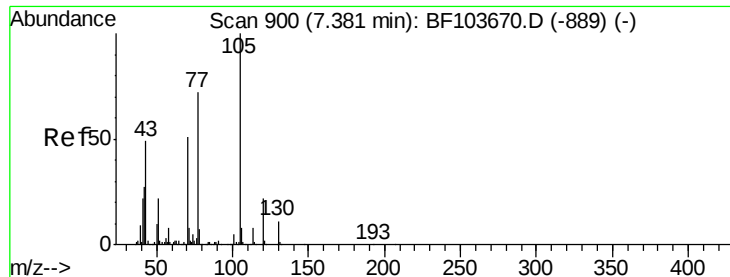
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





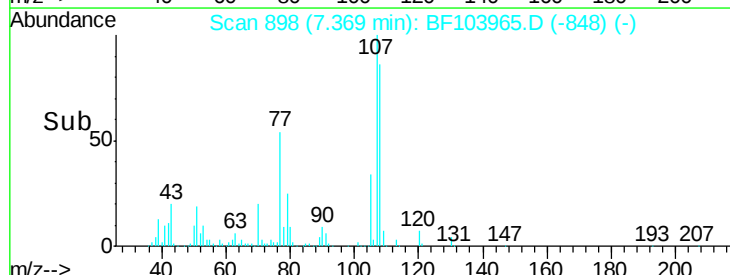
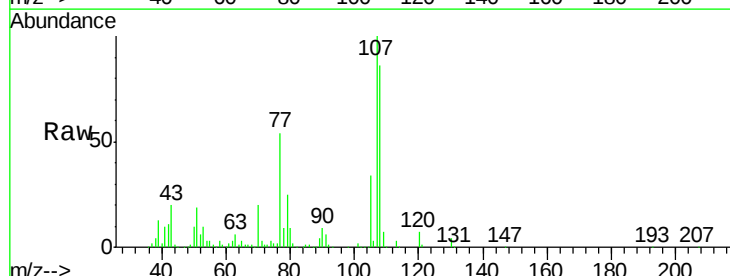
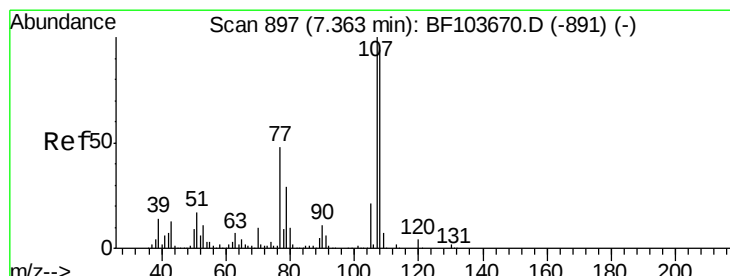
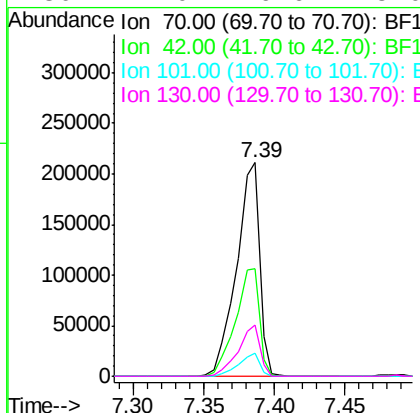
#19
n-Nitroso-di-n-propylamine
Concen: 34.419 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.5	71.3
101	10.5	7.4	11.2
130	24.0	16.6	25.0

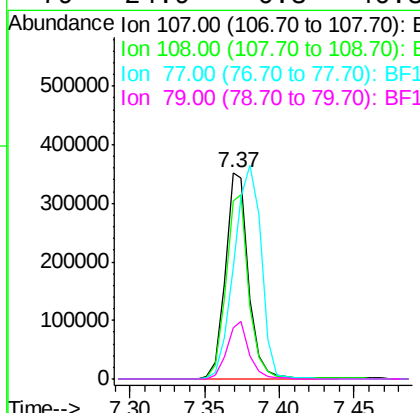
Manual Integrations
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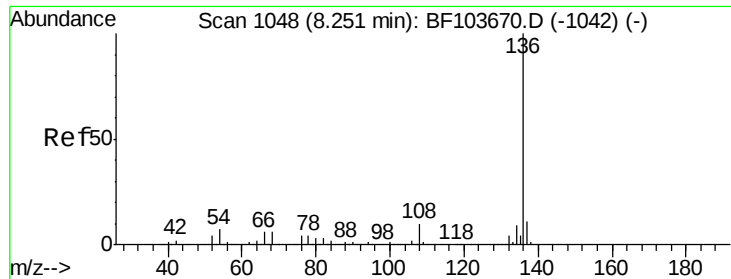
Sohil
3/27/2018 2:16:30 PM



#20
3+4-Methylphenols
Concen: 36.354 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	54.3	26.7	66.7
79	24.9	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: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

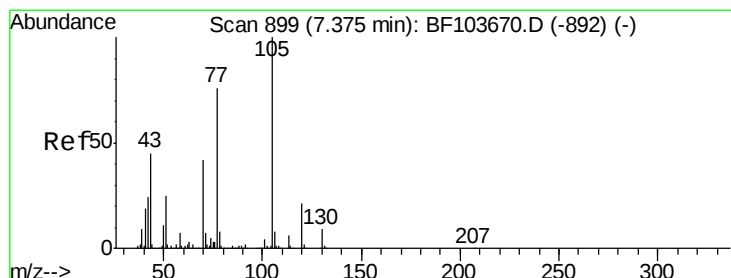
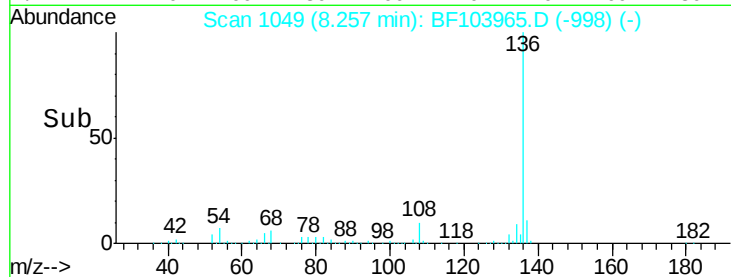
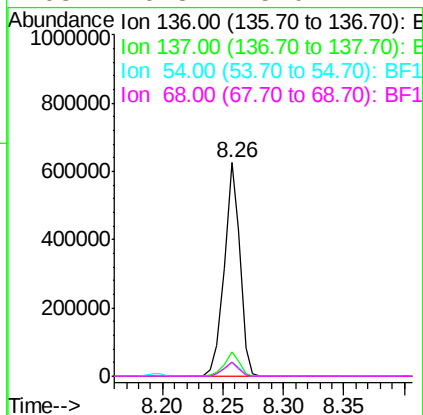
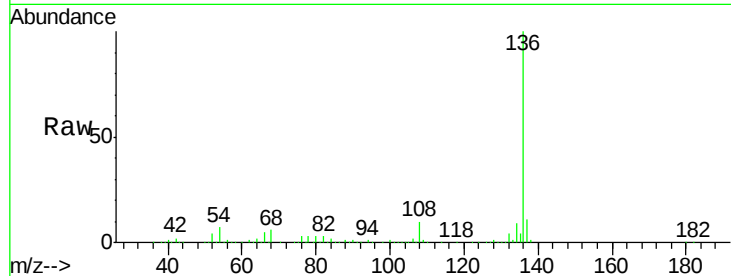
ClientSampleId :

PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.7	6.6	9.8	
68	6.3	5.0	7.4	

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#22

Acetophenone

Concen: 34.057 ng

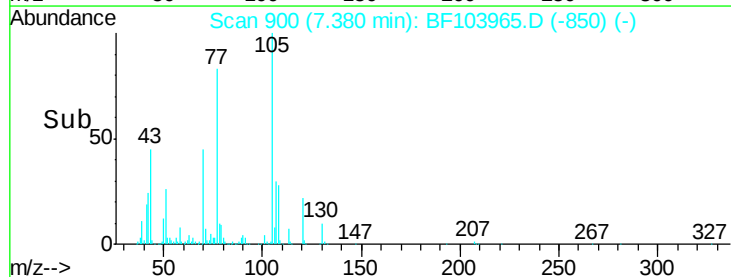
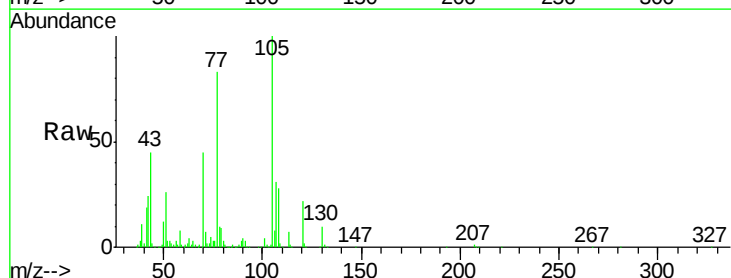
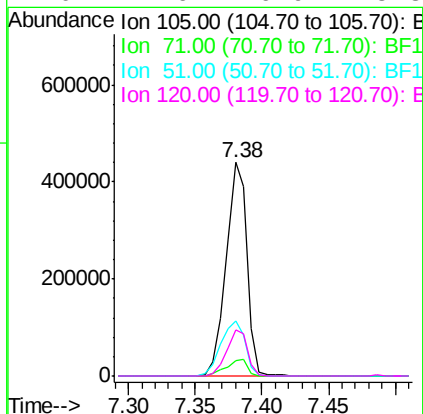
RT: 7.38 min Scan# 900

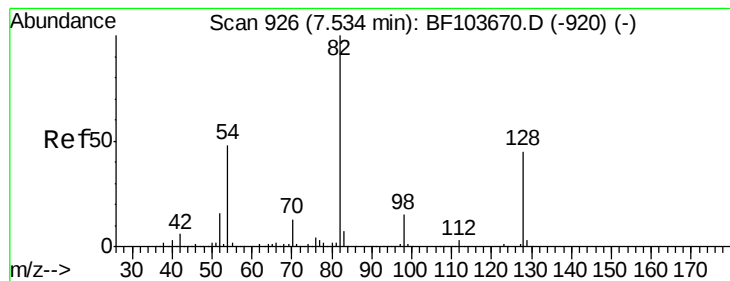
Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	25.7	22.3	33.5	
120	21.6	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 85.333 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

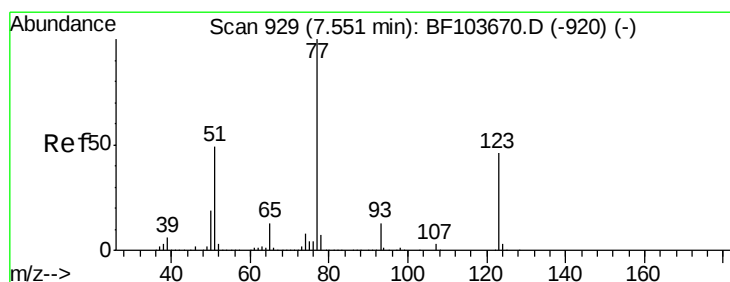
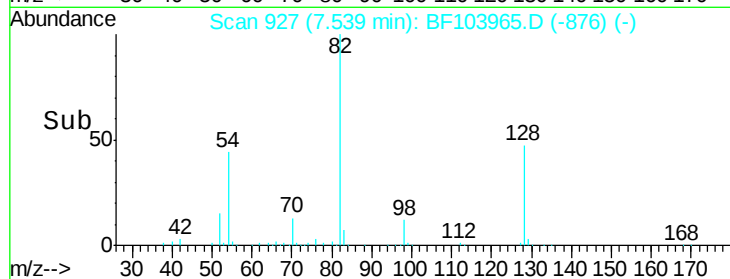
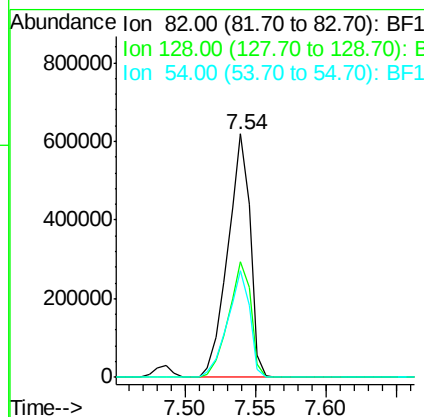
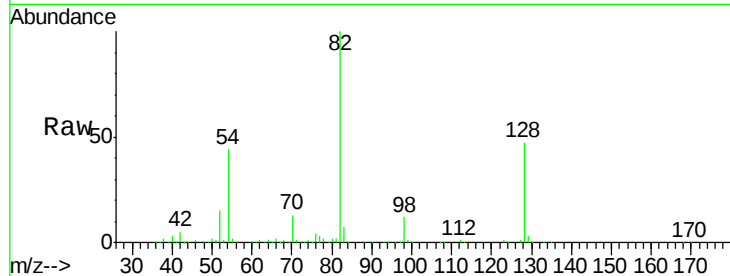
ClientSampleId :

PB107629BS

Tot Ion:	82	Resp:	680324
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	43.8	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 40.235 ng

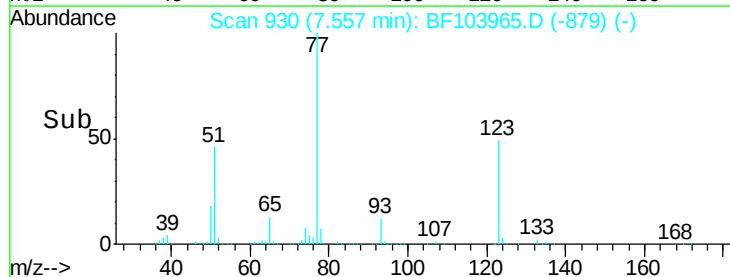
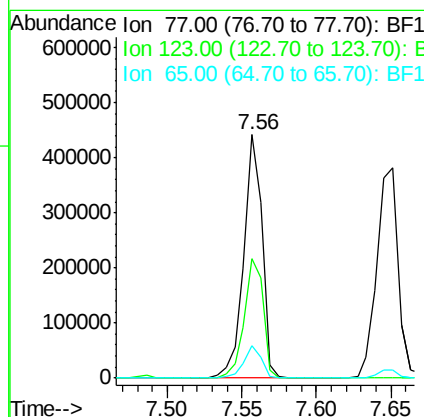
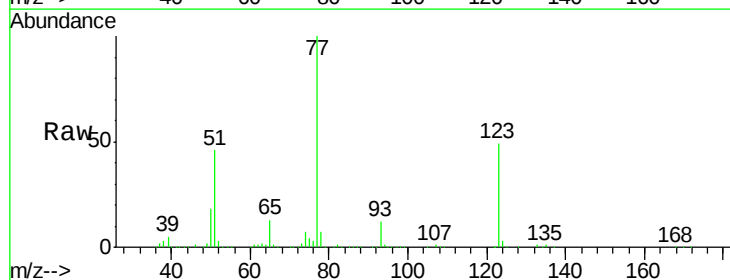
RT: 7.56 min Scan# 930

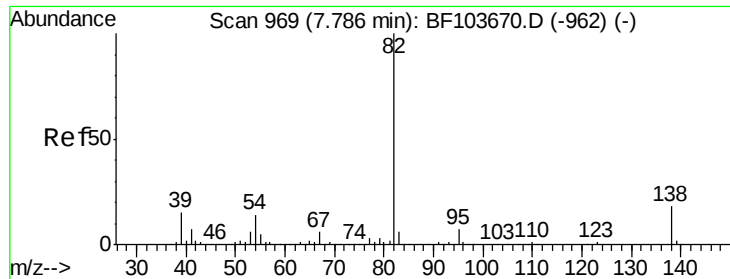
Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	77	Resp:	376594
Ion Ratio	Lower	Upper	
77	100		
123	49.0	37.9	56.9
65	13.1	11.0	16.4





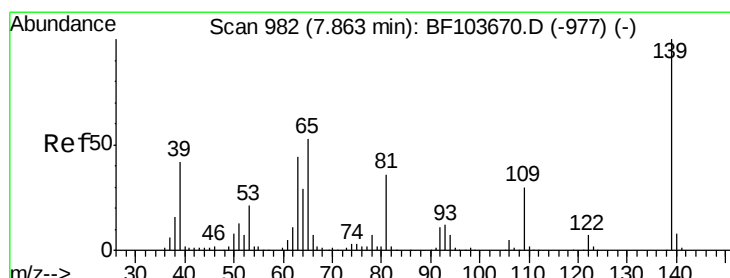
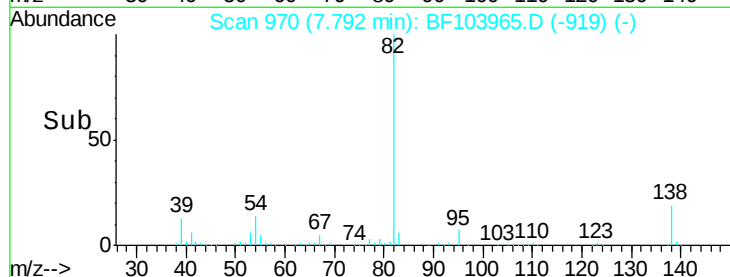
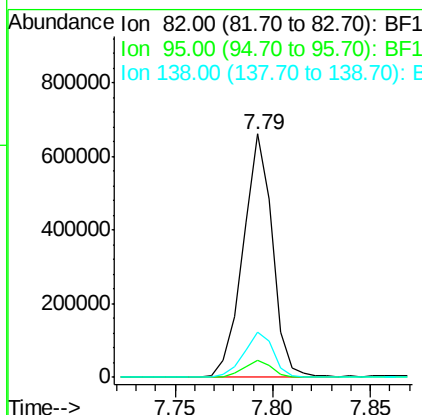
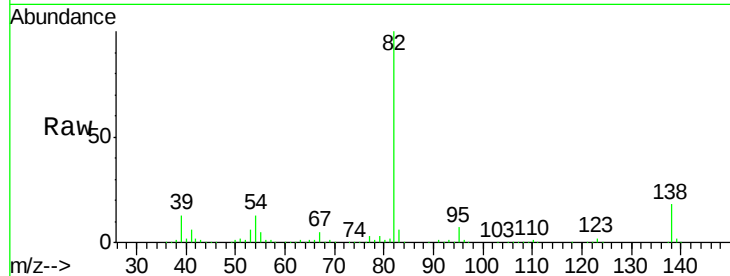
#25
Isophorone
Concen: 37.419 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	690608		
95	7.0		5.2	7.8
138	18.4		14.9	22.3

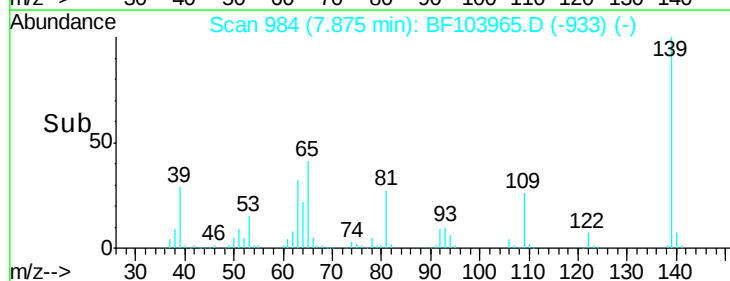
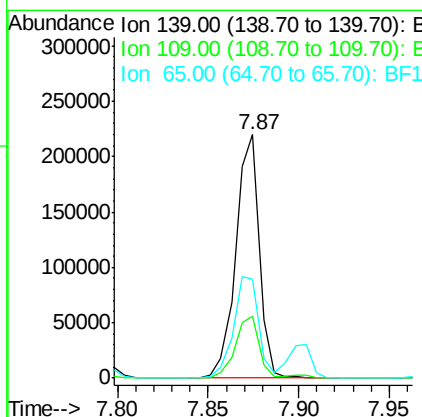
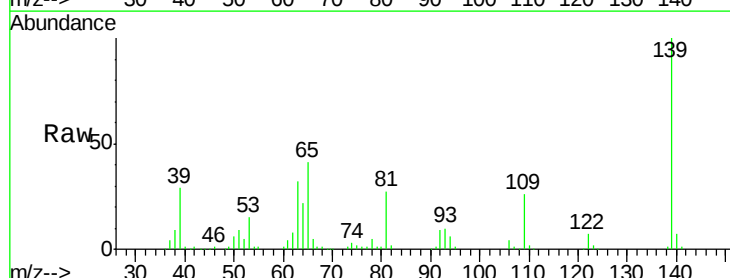
Manual Integrations
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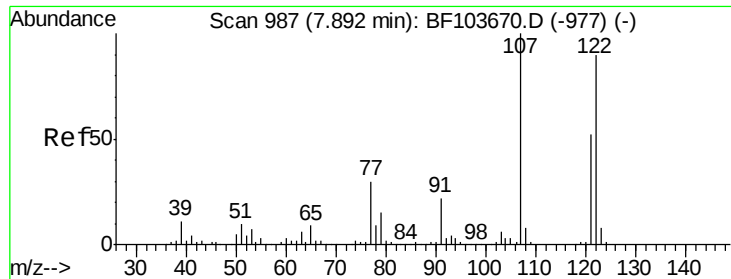
Sohil
3/27/2018 2:16:30 PM



#26
2-Nitrophenol
Concen: 54.102 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197986		
109	25.6		22.7	34.1
65	40.7		40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.947 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

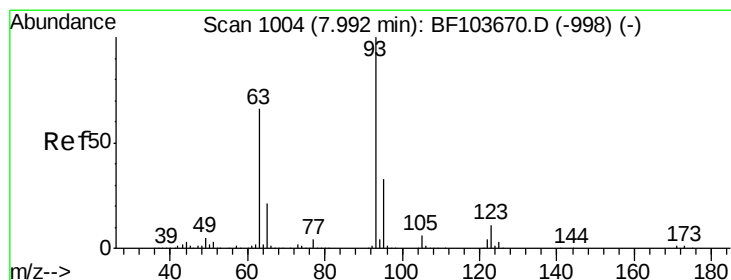
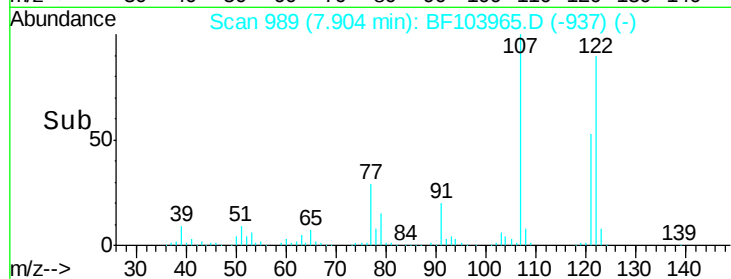
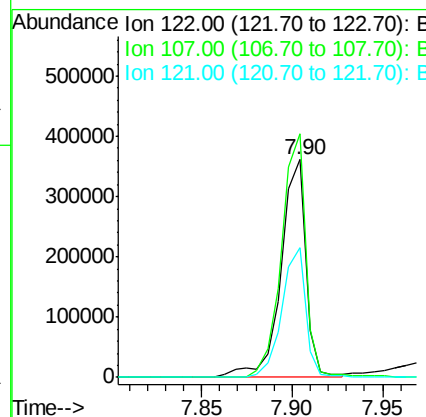
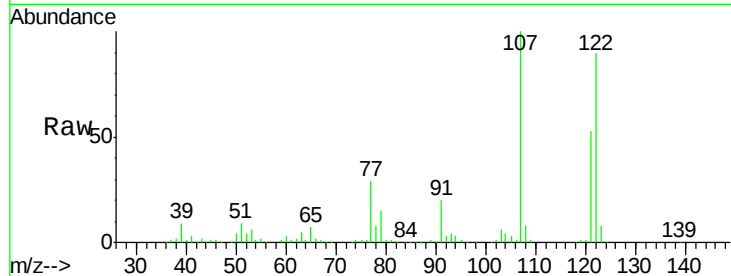
ClientSampled :

PB107629BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
347468	122	100			
	107	111.7	91.2	136.8	
	121	59.5	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.121 ng

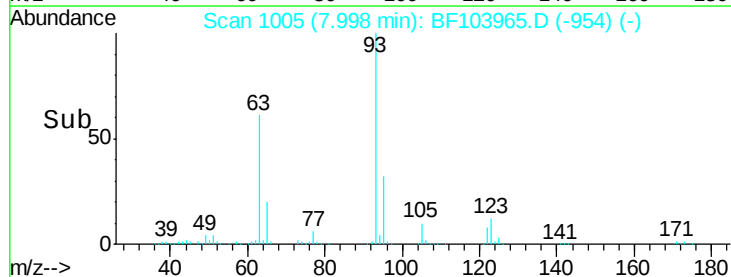
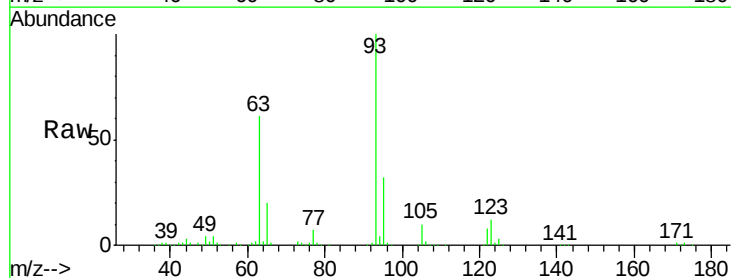
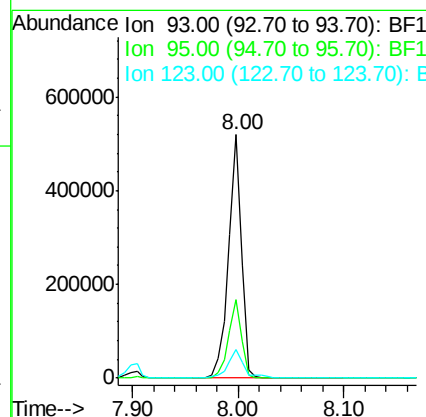
RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
448382	93	100			
	95	32.0	26.3	39.5	
	123	11.7	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 43.126 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

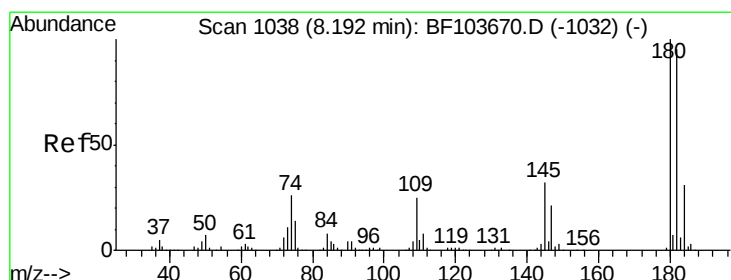
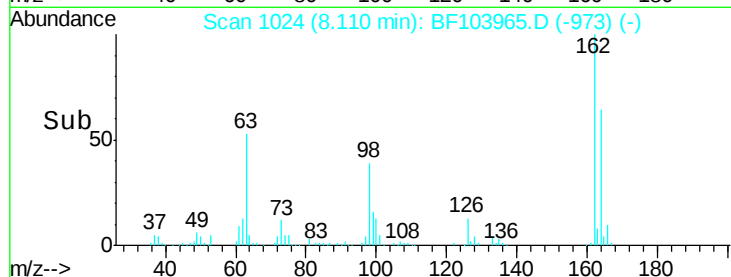
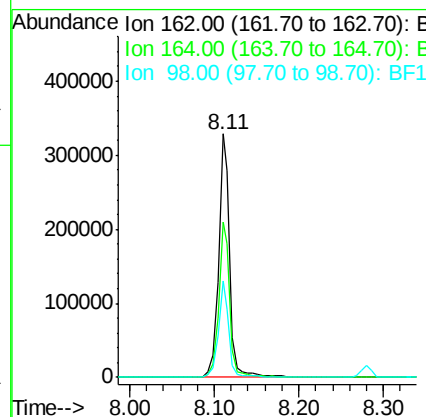
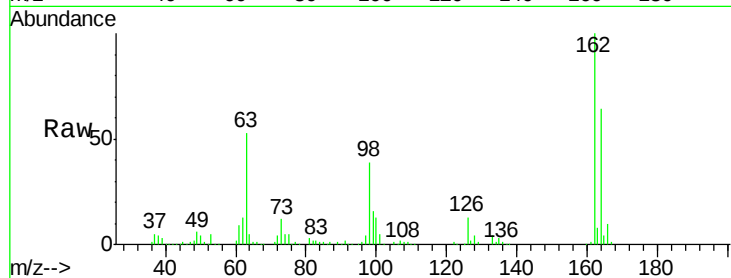
ClientSampleId :

PB107629BS

Tot Ion:	162	Resp:	310218
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	39.3	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.035 ng

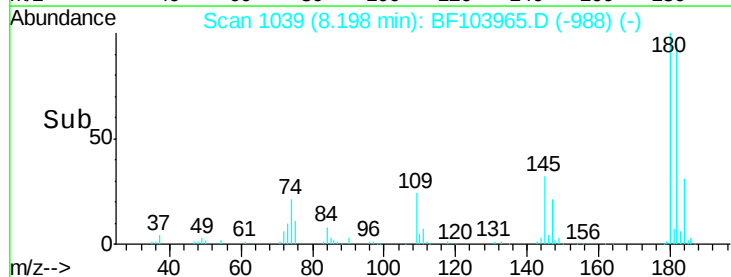
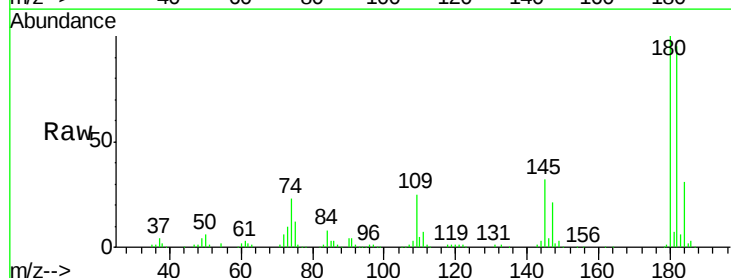
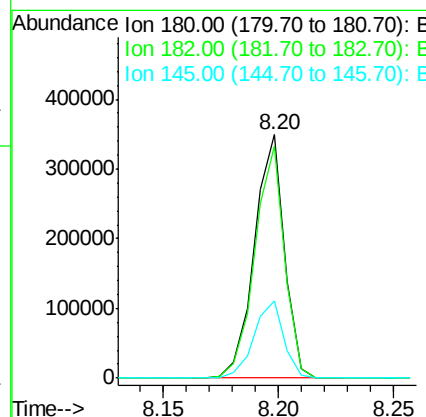
RT: 8.20 min Scan# 1039

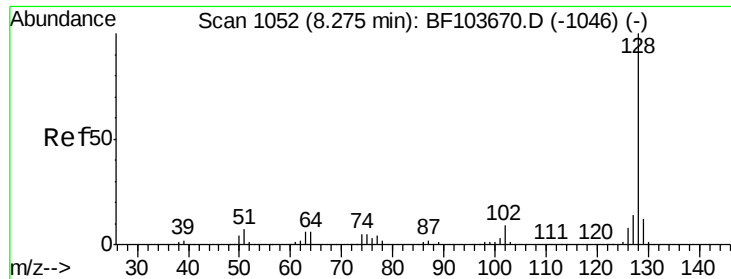
Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	180	Resp:	317334
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.8	115.2
145	31.6	26.5	39.7





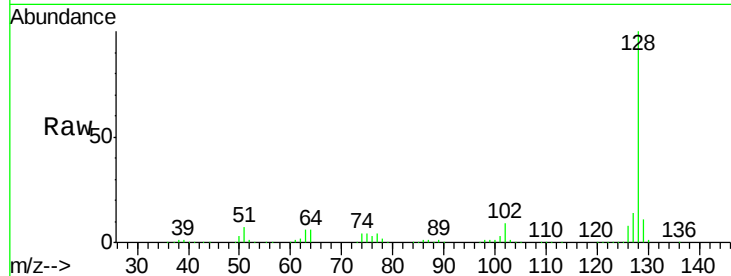
#31
Naphthalene
Concen: 37.521 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

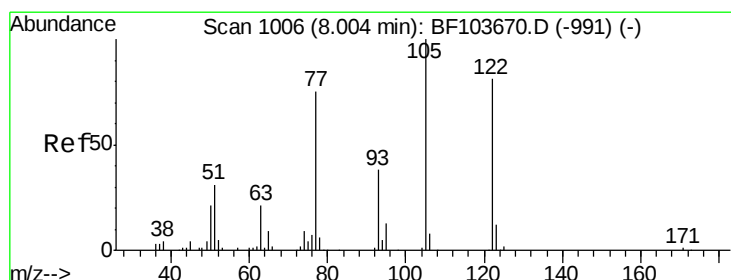
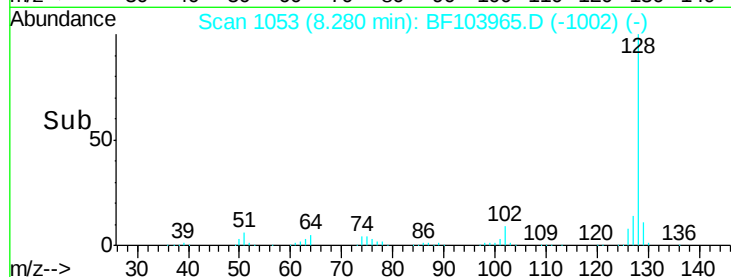
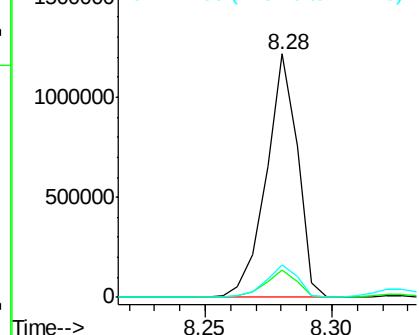
Tot Ion:128 Resp: 1053784
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

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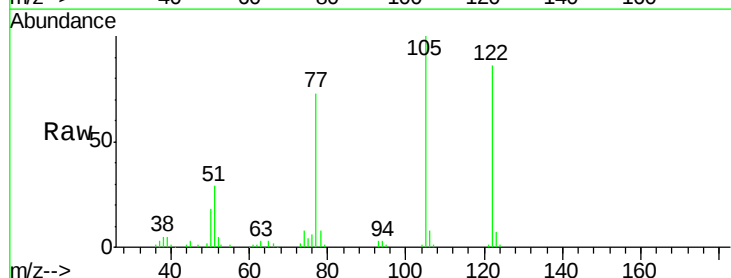


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

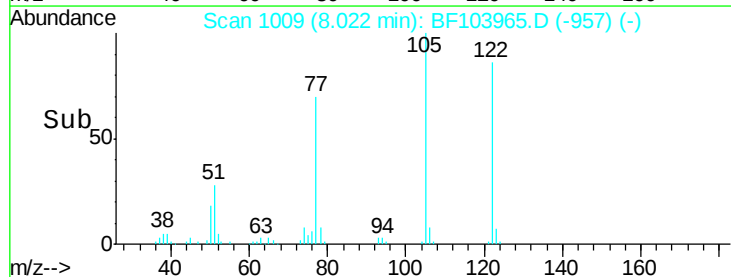
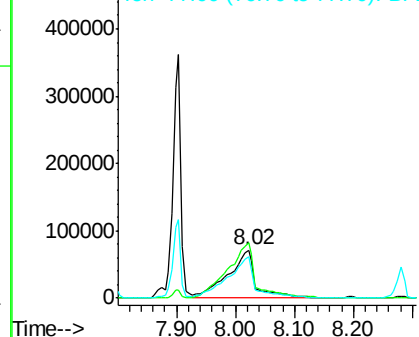


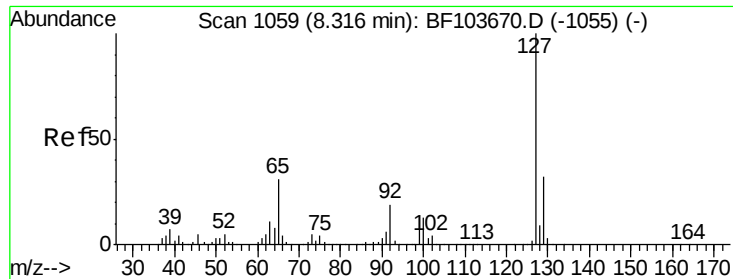
#32
Benzoic acid
Concen: 43.073 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion:122 Resp: 233153
Ion Ratio Lower Upper
122 100
105 116.5 101.1 141.1
77 85.4 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





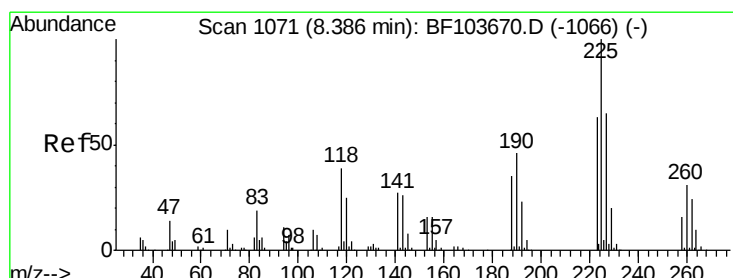
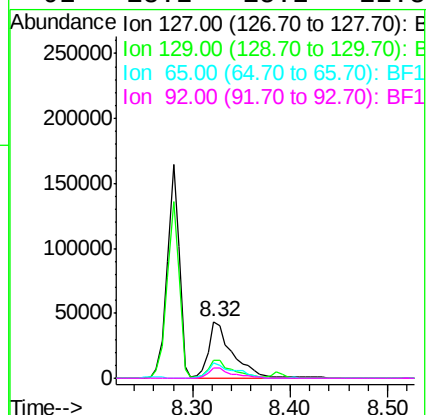
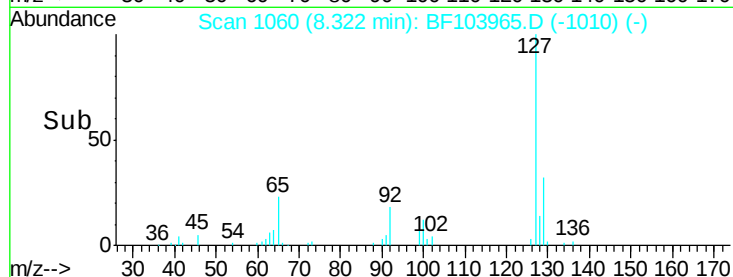
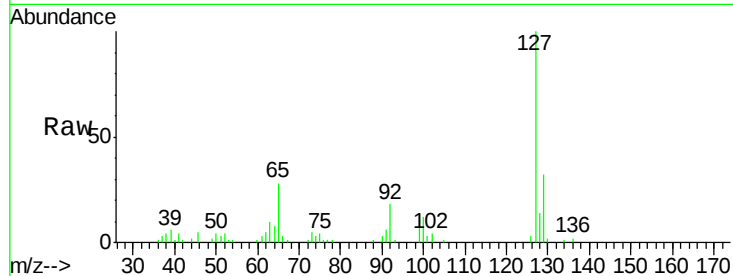
#33
4-Chloroaniline
Concen: 6.447 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	27.7	25.0	37.4		
92	18.2	15.2	22.8		

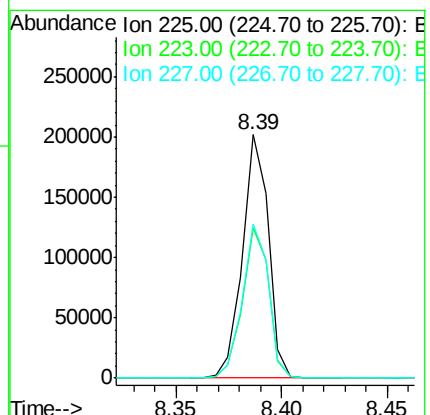
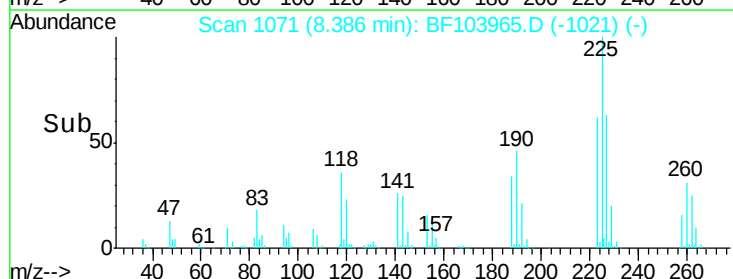
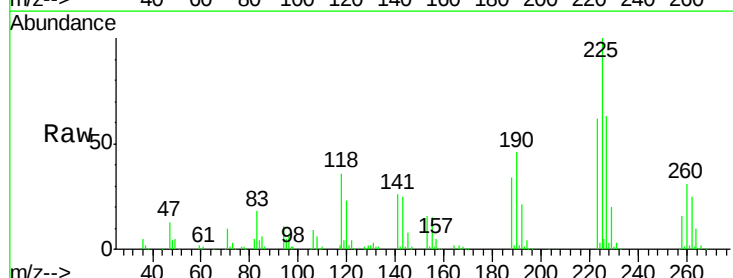
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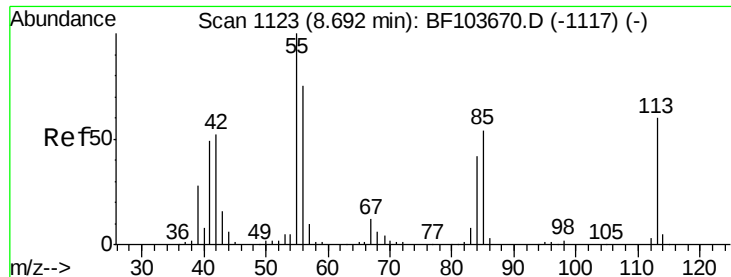
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#34
Hexachlorobutadiene
Concen: 37.358 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.6	76.0		
227	63.0	51.9	77.9		





#35

Caprolactam

Concen: 39.905 ng/mL

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

ClientSampleID :

PB107629BS

Tot Ion:113 Resp: 98843

Ion Ratio Lower Upper

113 100

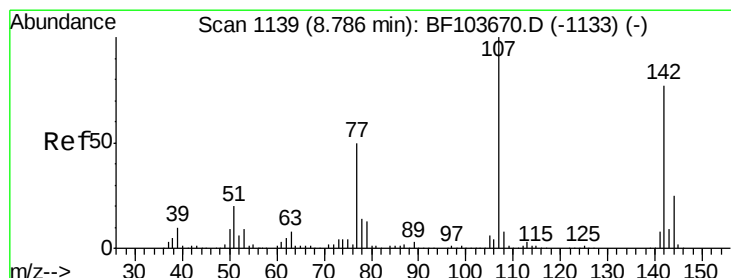
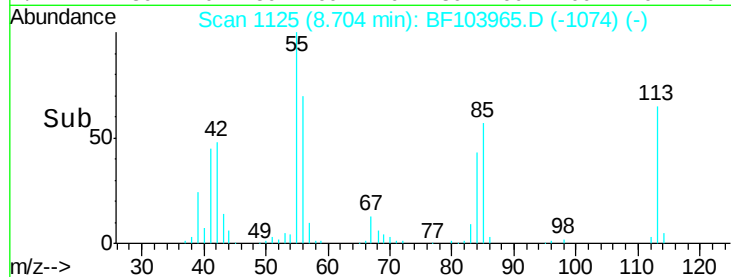
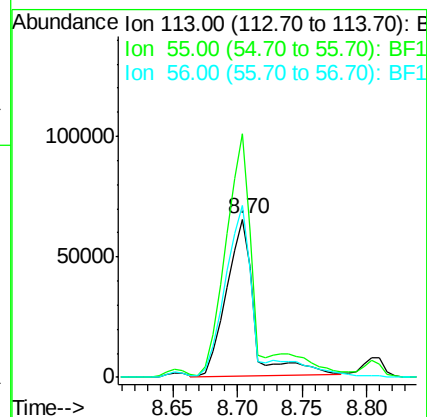
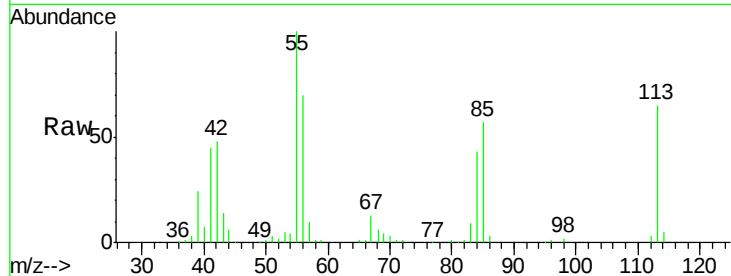
55 153.9 163.3 203.3#

56 108.4 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.144 ng/mL

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

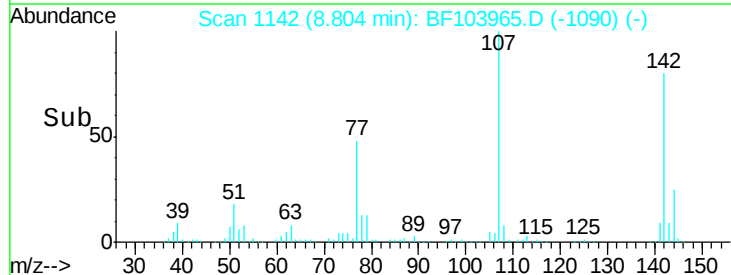
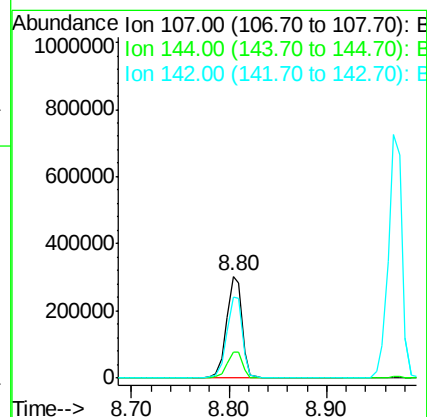
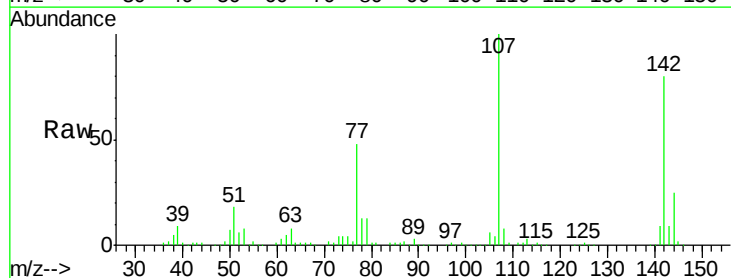
Tgt Ion:107 Resp: 334205

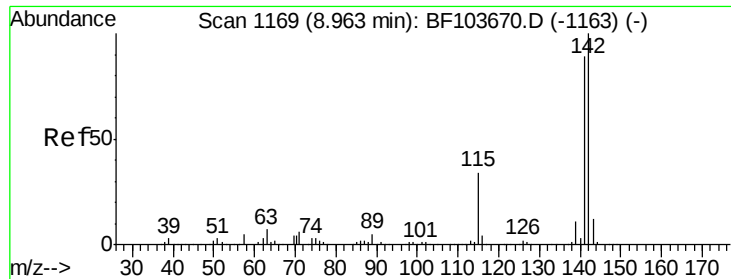
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 80.0 62.0 93.0





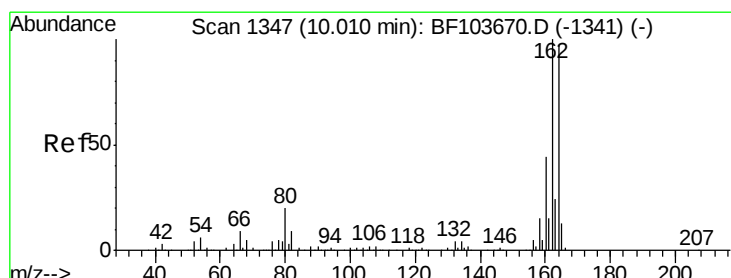
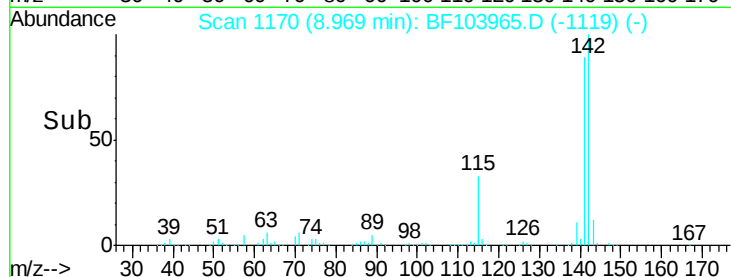
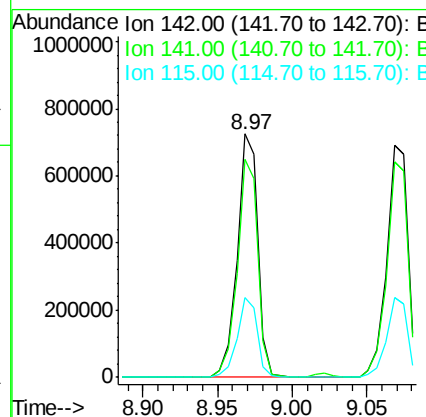
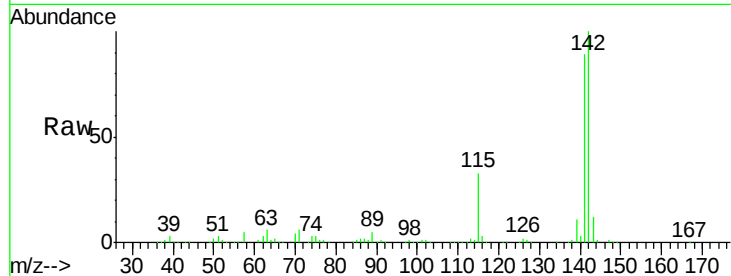
#37
2-Methylnaphthalene
Concen: 39.605 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	705377		
141	89.5	70.8	106.2	
115	32.7	26.1	39.1	

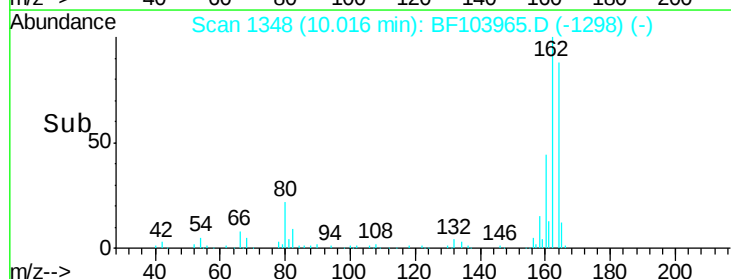
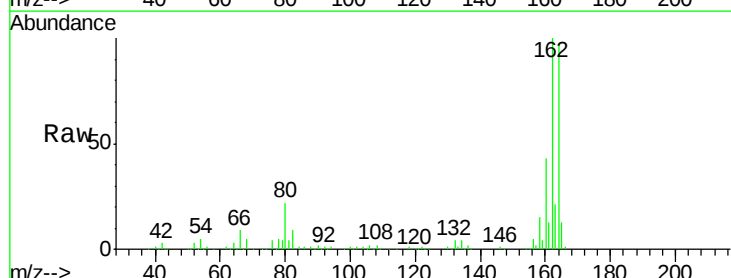
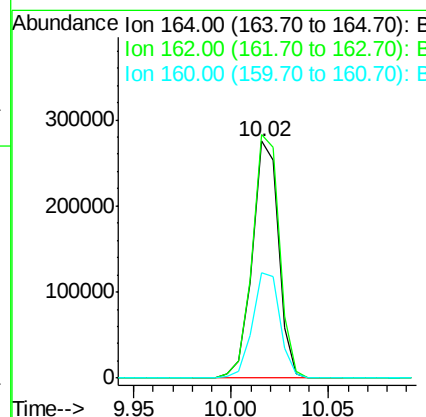
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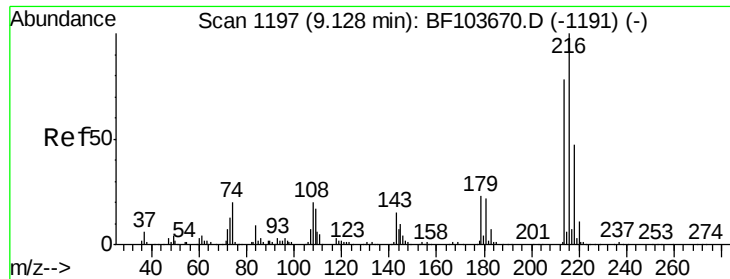
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256759		
162	102.9	86.1	129.1	
160	44.6	38.3	57.5	





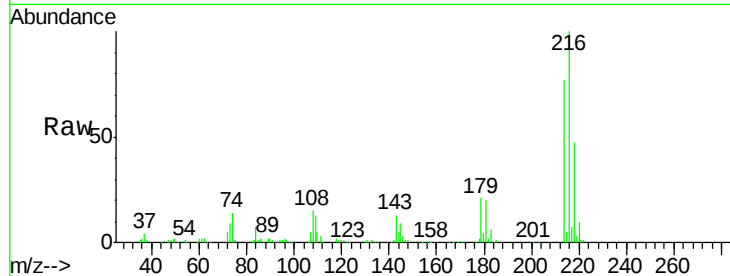
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.196 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

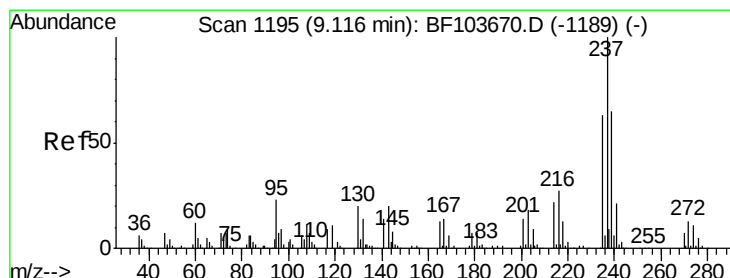
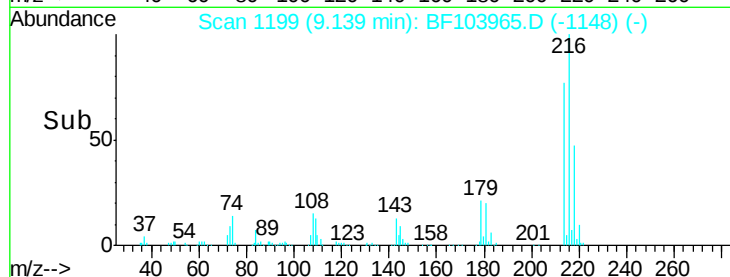
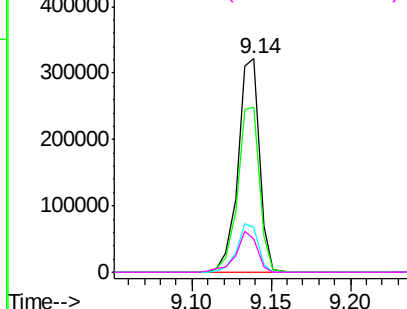
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.4		63.0	94.4	
179	22.5		18.1	27.1	
108	18.9		17.2	25.8	

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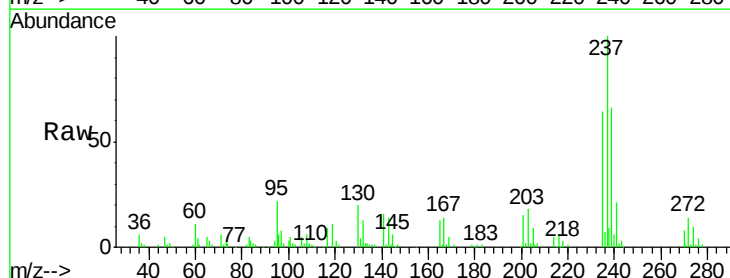


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

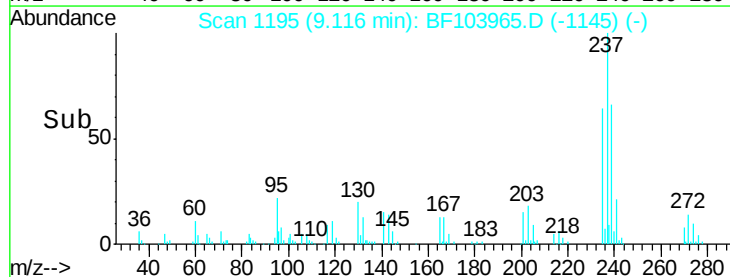
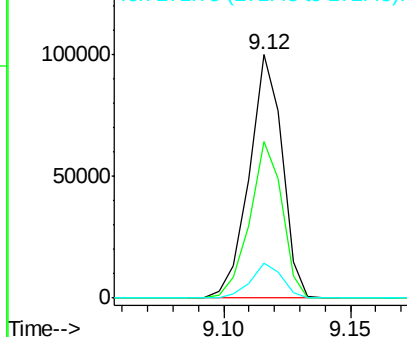


#40
 Hexachlorocyclopentadiene
 Concen: 24.025 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.3		44.8	84.8	
272	14.2		0.0	33.3	



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





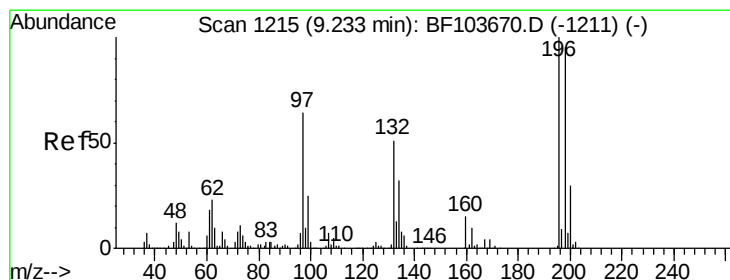
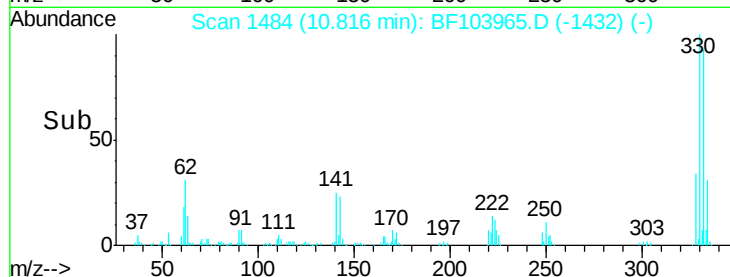
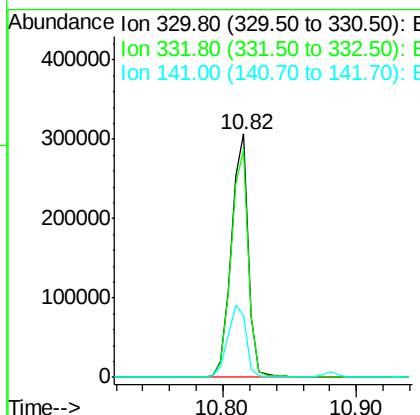
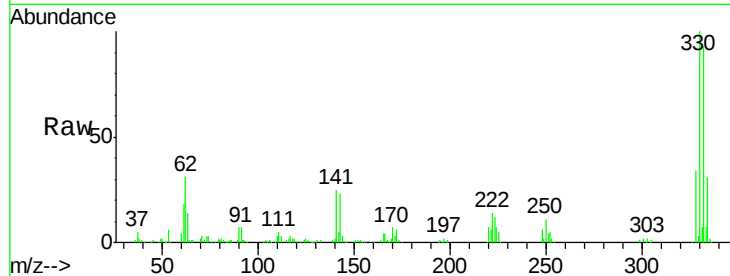
#41
 2,4,6-Tribromophenol
 Concen: 125.399 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276835		
332	95.7	77.0	115.6	
141	31.8	29.9	44.9	

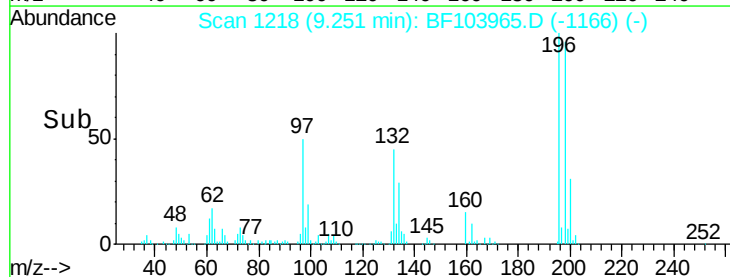
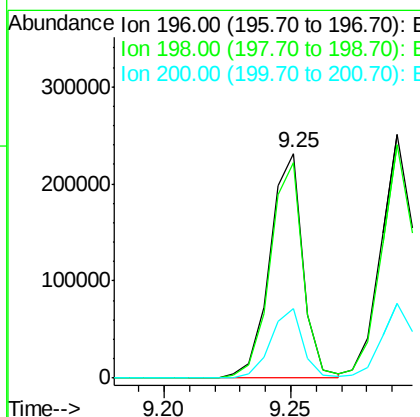
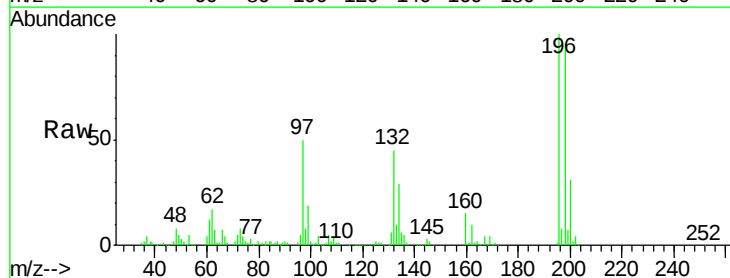
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#42
 2,4,6-Trichlorophenol
 Concen: 45.072 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211175		
198	96.2	75.7	113.5	
200	30.9	24.5	36.7	





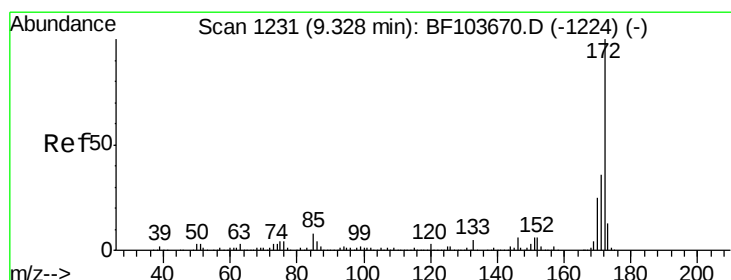
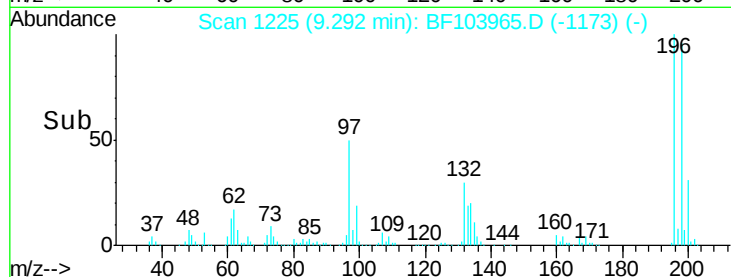
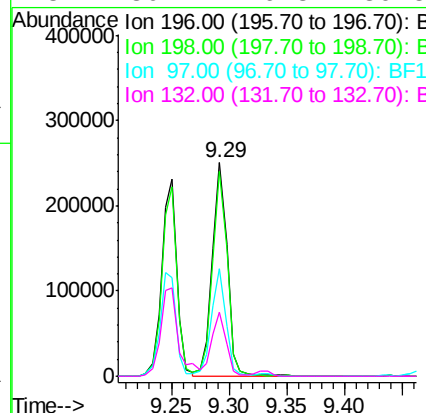
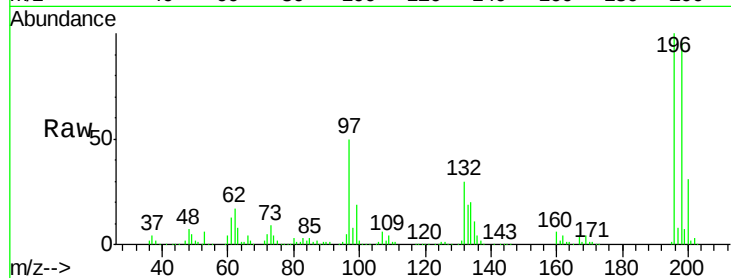
#43
 2,4,5-Trichlorophenol
 Concen: 43.339 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229188		
198	95.7	74.6	112.0	
97	50.1	42.9	64.3	
132	30.1	26.3	39.5	

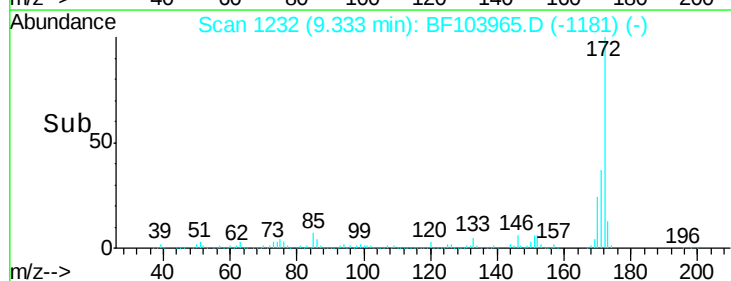
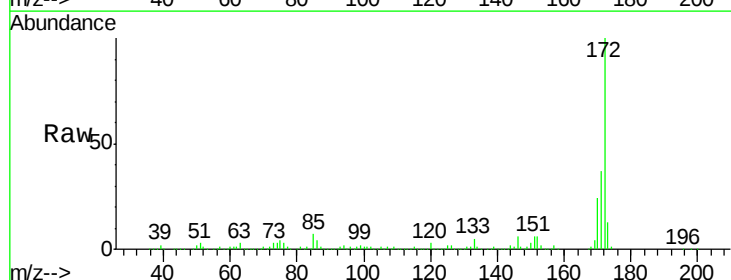
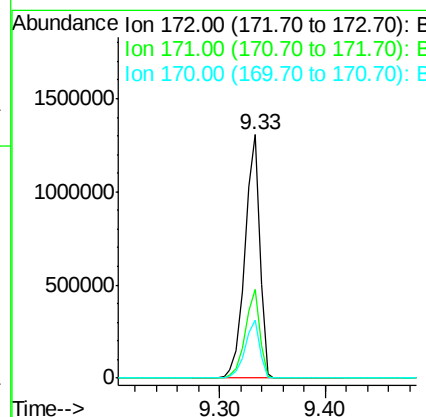
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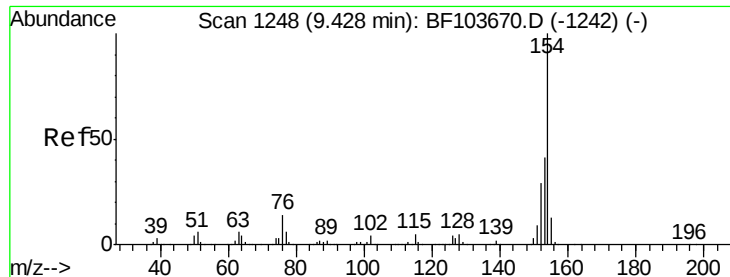
Sohil
 3/27/2018 2:16:30 PM



#44
 2-Fluorobiphenyl
 Concen: 77.087 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1240815		
171	36.5	29.7	44.5	
170	23.9	19.6	29.4	





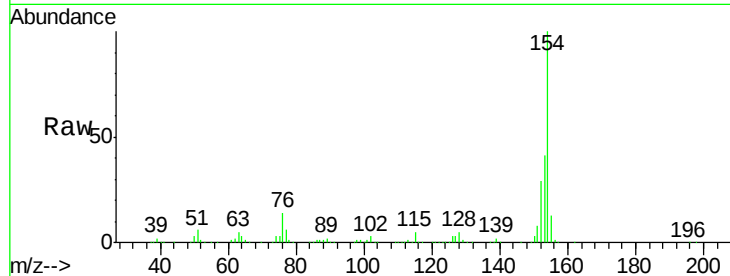
#45
1,1'-Biphenyl
Concen: 38.314 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	14.3	0.0	34.0

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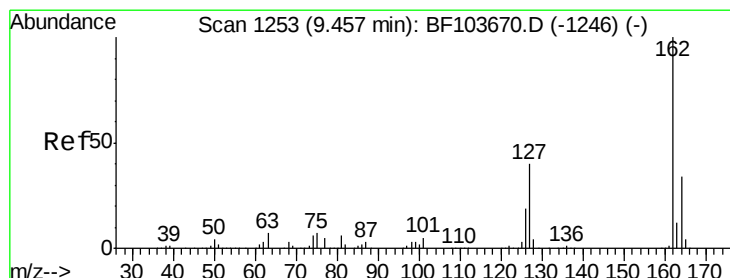
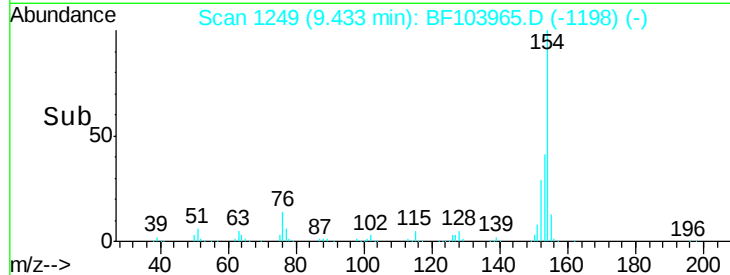
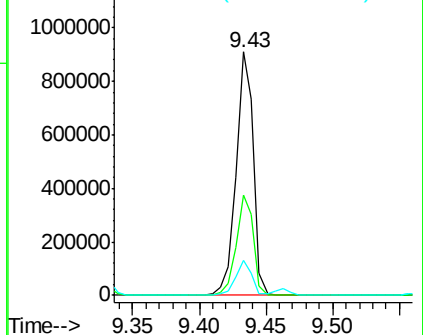


Abundance

Ion 154.00 (153.70 to 154.70): E

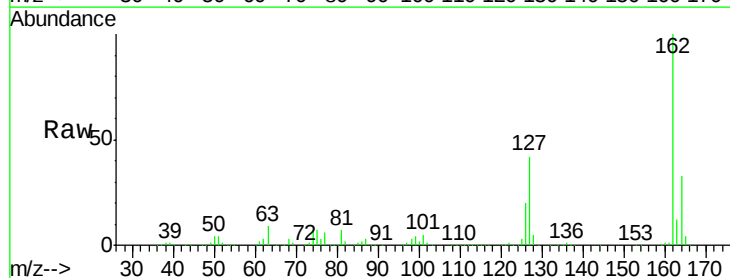
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
2-Chloronaphthalene
Concen: 38.291 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	33.4	26.5	39.7

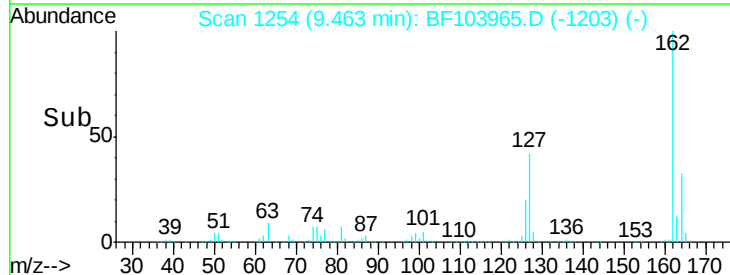
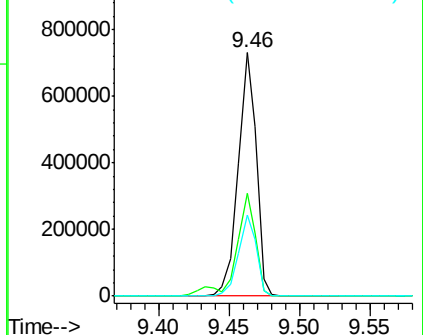


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





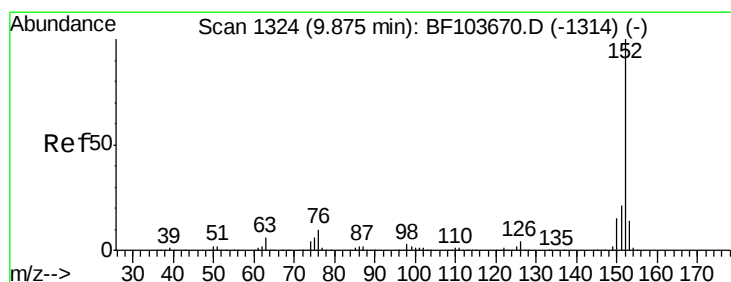
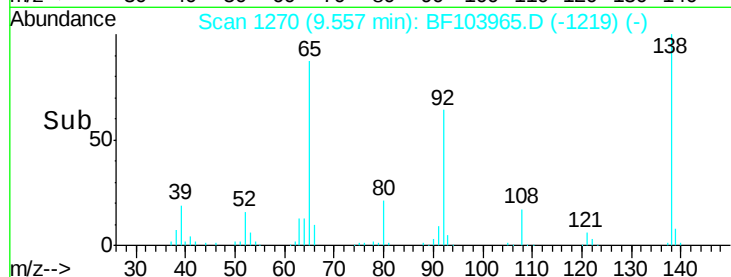
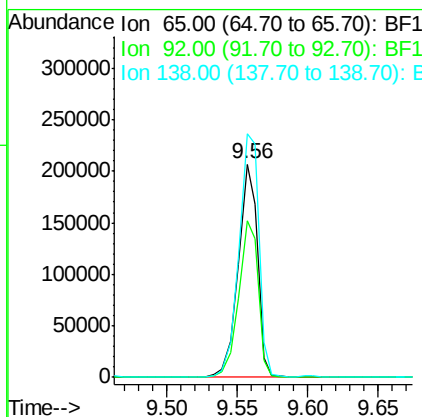
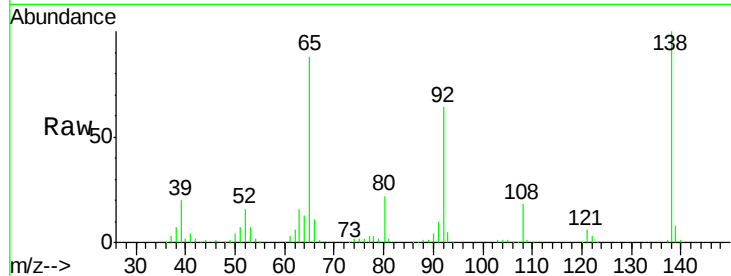
#47
2-Nitroaniline
Concen: 44.662 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	55.8	83.6
138	114.3	91.2	136.8

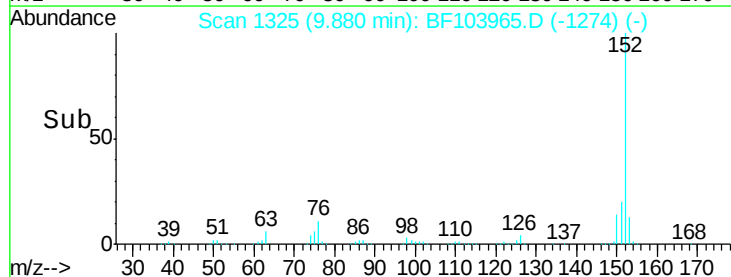
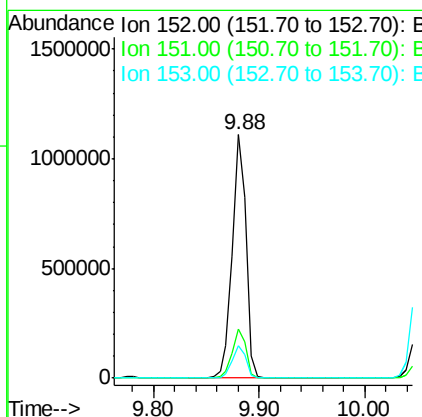
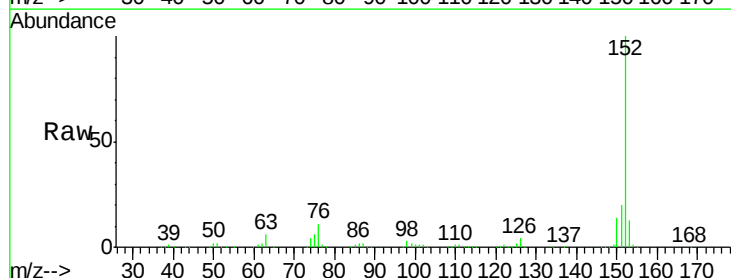
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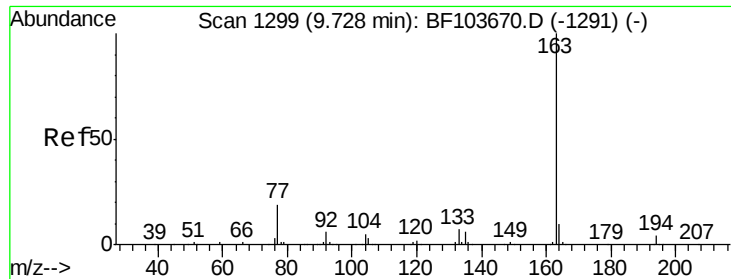
Sohil
3/27/2018 2:16:30 PM



#48
Acenaphthylene
Concen: 37.504 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.4	10.7	16.1





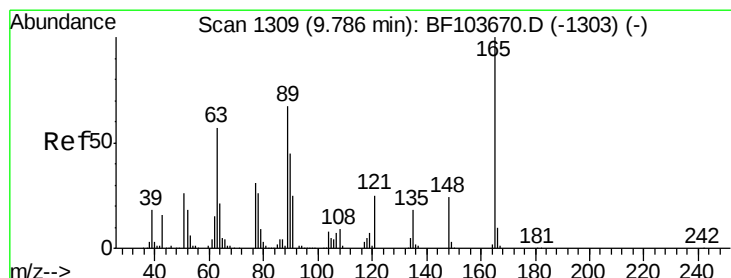
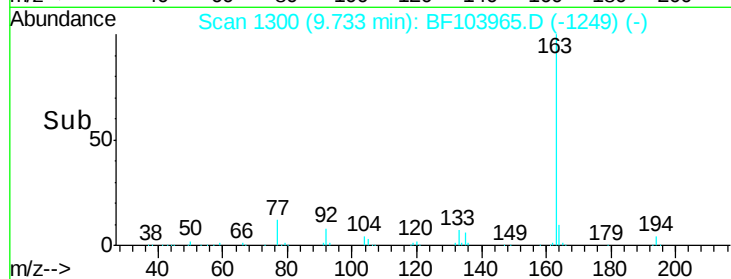
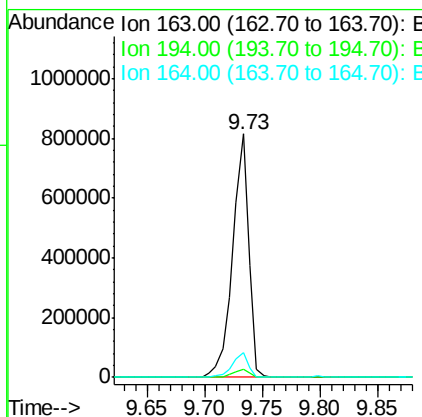
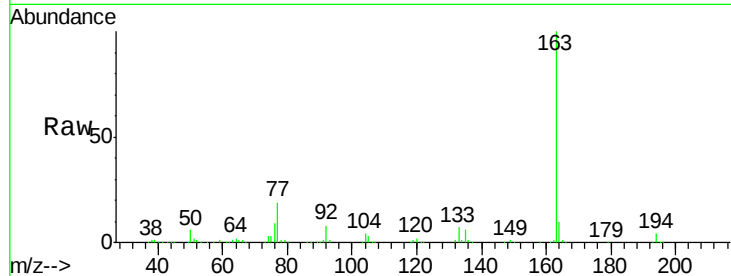
#49
Dimethylphthalate
Concen: 40.037 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampled :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	784290		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

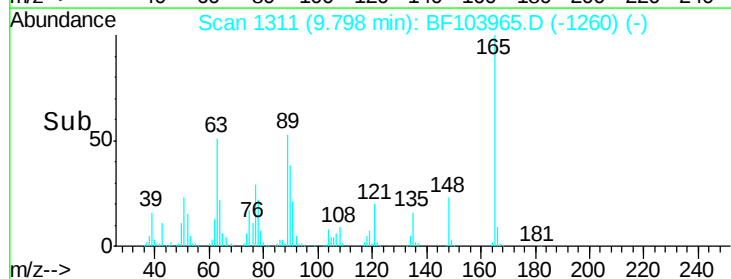
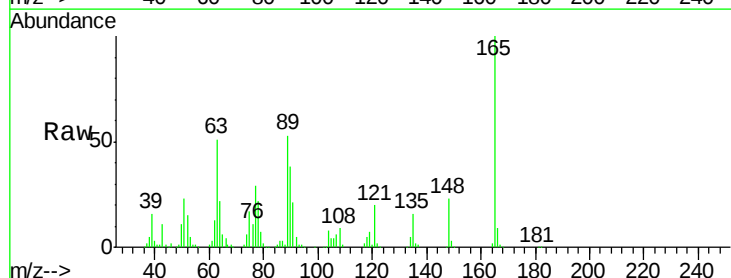
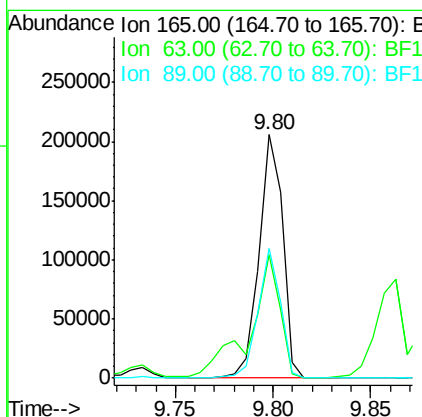
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#50
2,6-Dinitrotoluene
Concen: 45.943 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173394		
63	50.5		44.7	67.1
89	53.0		44.0	66.0





#51

Acenaphthene

Concen: 37.706 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

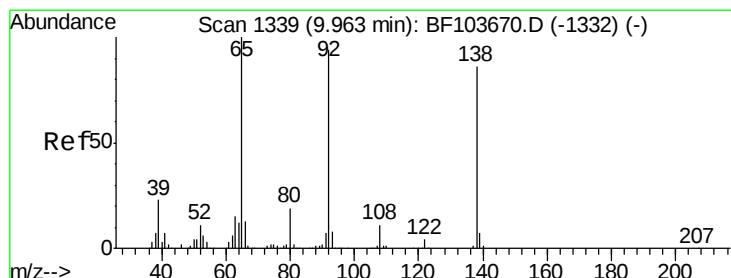
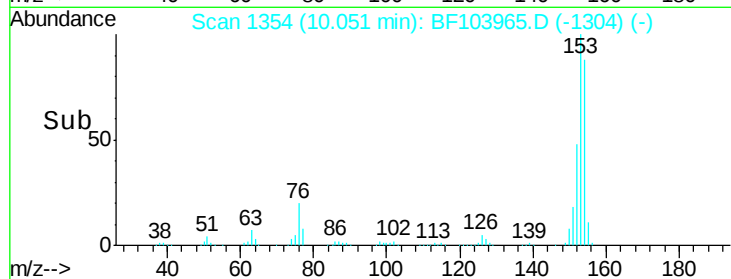
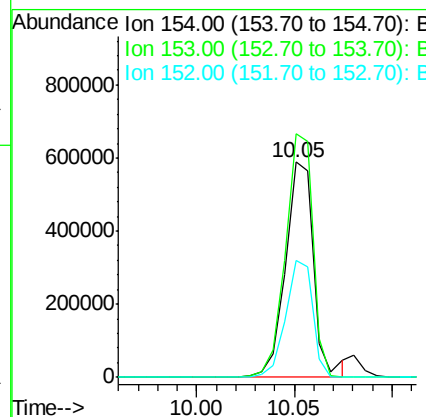
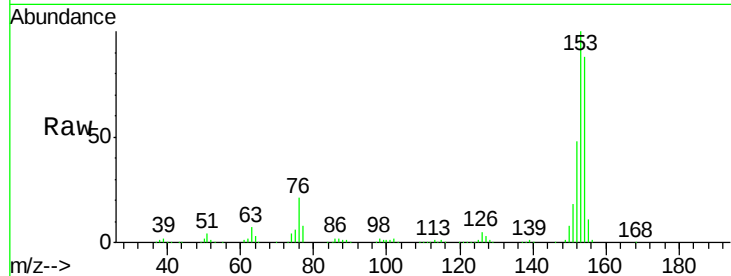
ClientSampled :

PB107629BS

Tot Ion:	154	Resp:	590378
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.811 ng

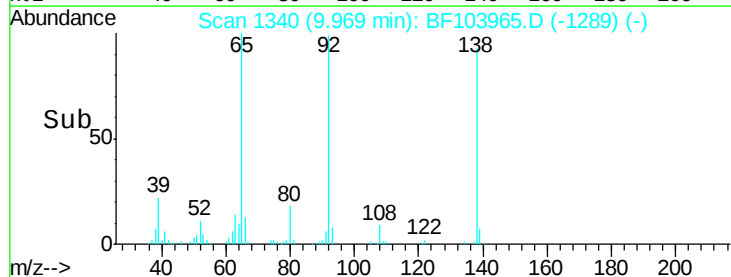
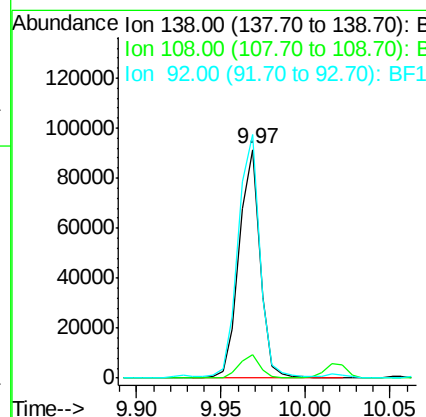
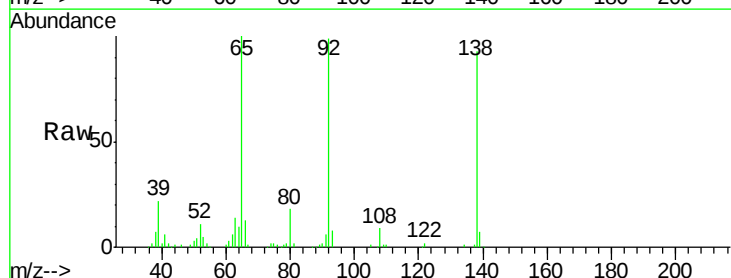
RT: 9.97 min Scan# 1340

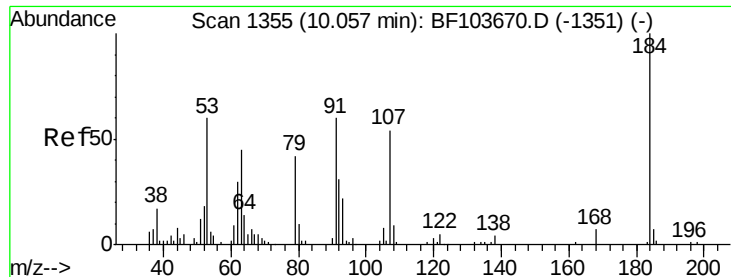
Delta R.T. -0.00 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	138	Resp:	78923
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	106.6	89.4	134.2





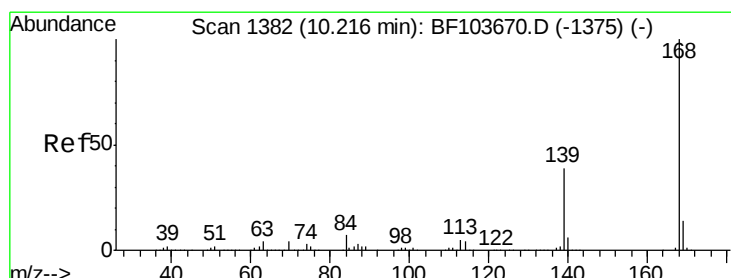
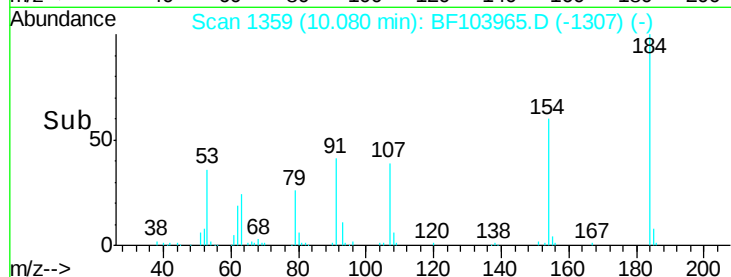
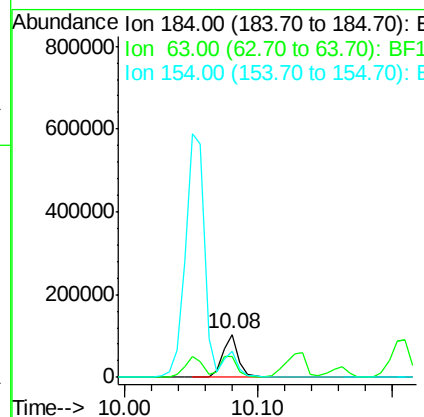
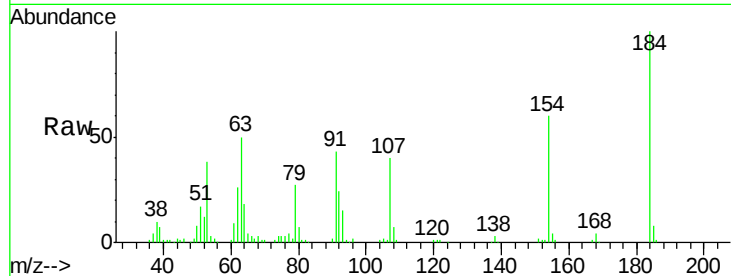
#53
2,4-Dinitrophenol
Concen: 77.237 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.4	54.2	81.2#
154	59.8	184.0	276.0#

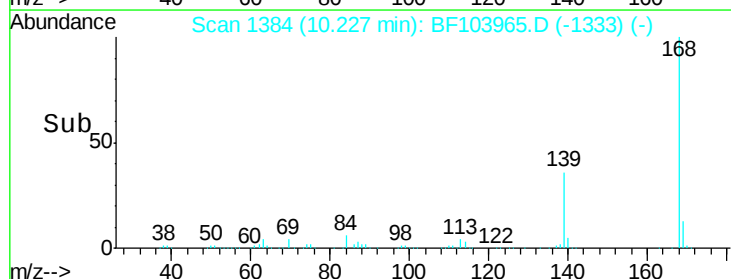
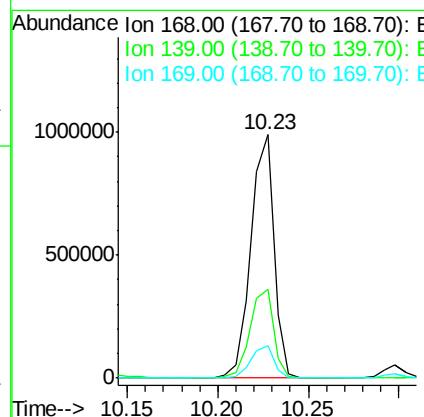
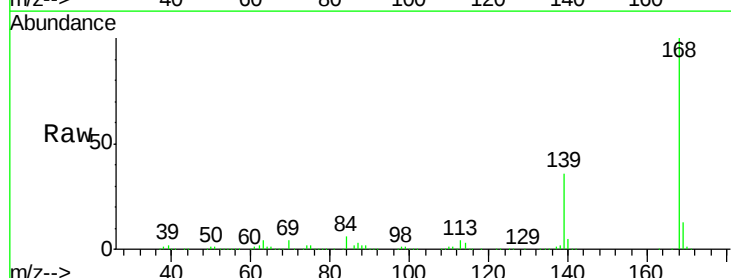
Manual Integrations
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#54
Dibenzofuran
Concen: 39.295 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	13.2	10.9	16.3





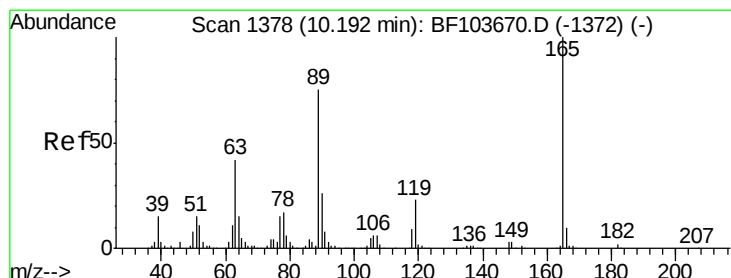
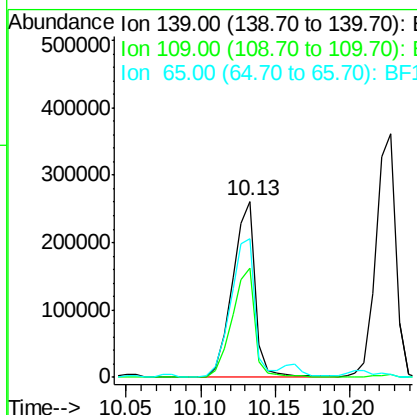
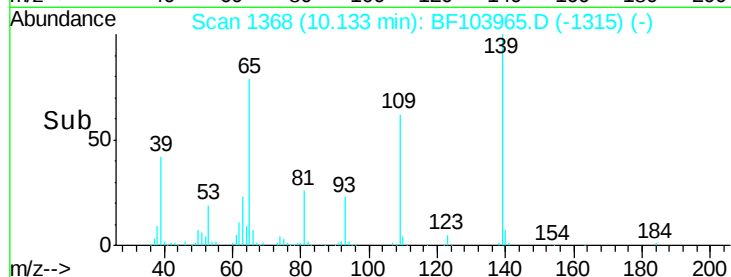
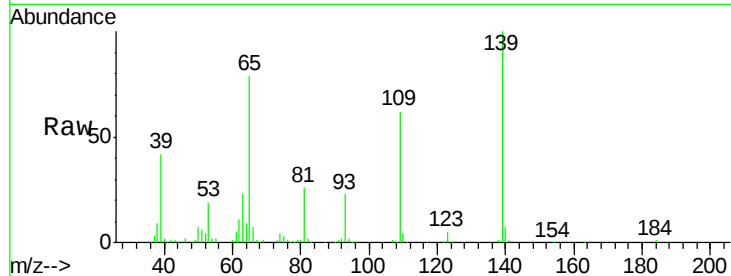
#55
4-Nitrophenol
Concen: 78.829 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	282438		
109	61.7	48.4	88.4	
65	79.0	72.6	112.6	

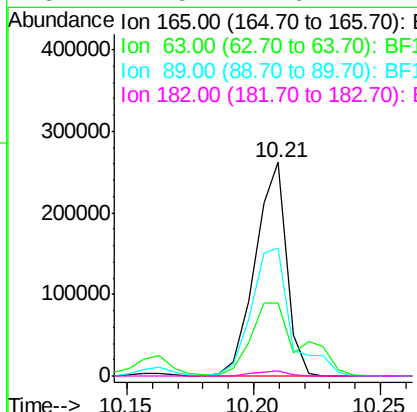
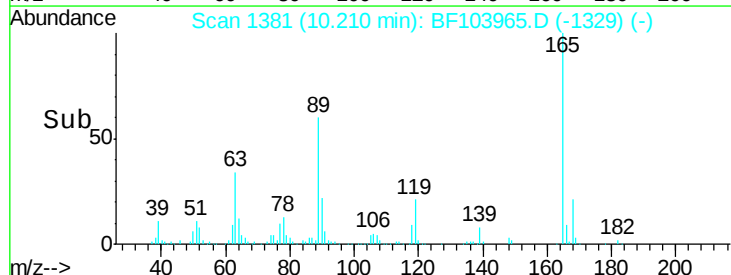
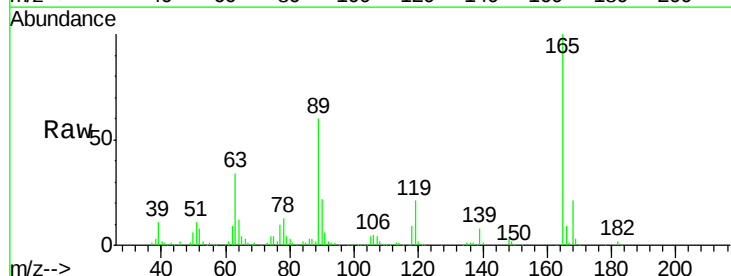
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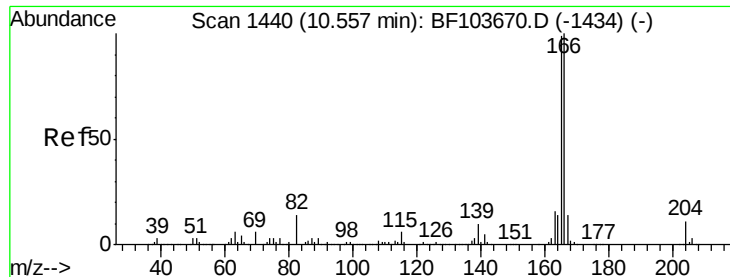
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.042 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	225156		
63	34.4	36.4	54.6#	
89	60.0	57.8	86.6	
182	2.5	1.6	2.4#	





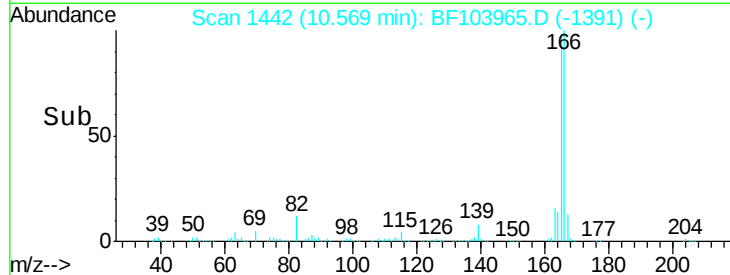
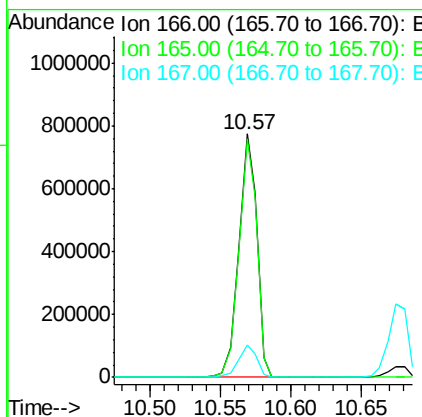
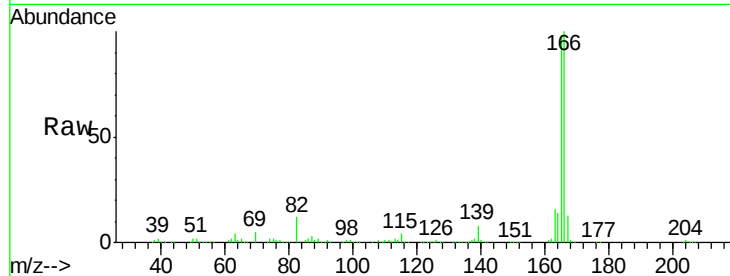
#57
 Fluorene
 Concen: 39.394 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampled :
 PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	683583		
165	97.7	79.8	119.8	
167	13.3	10.6	16.0	

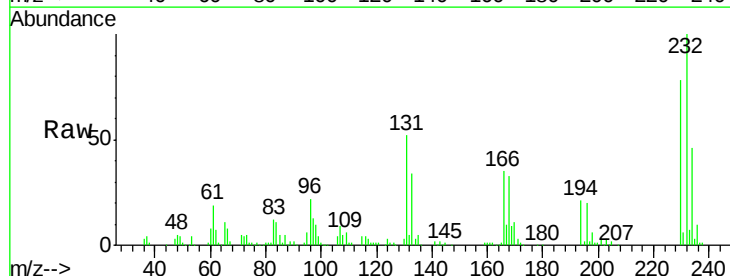
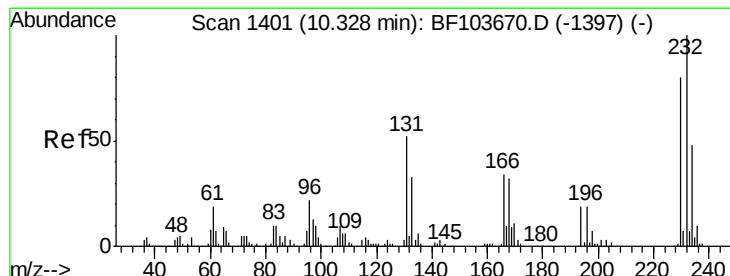
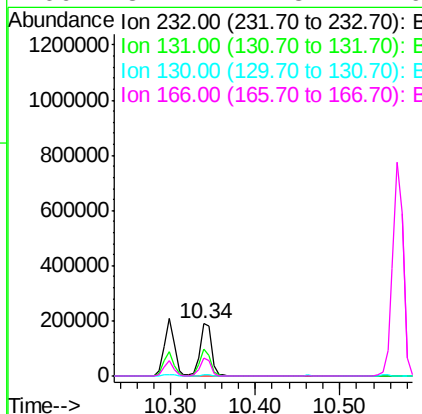
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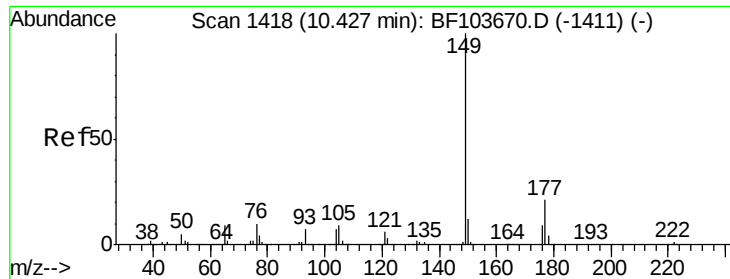
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.977 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179774		
131	46.2	43.8	65.8	
130	2.3	2.1	3.1	
166	32.4	27.8	41.6	





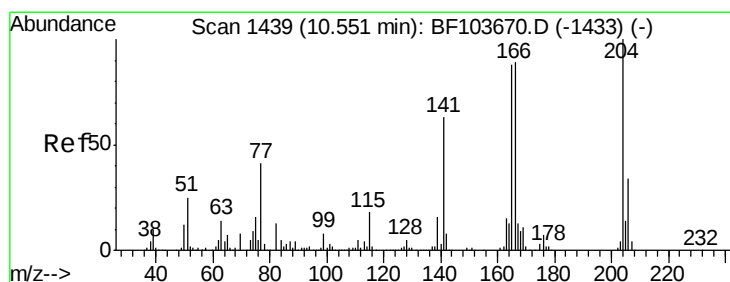
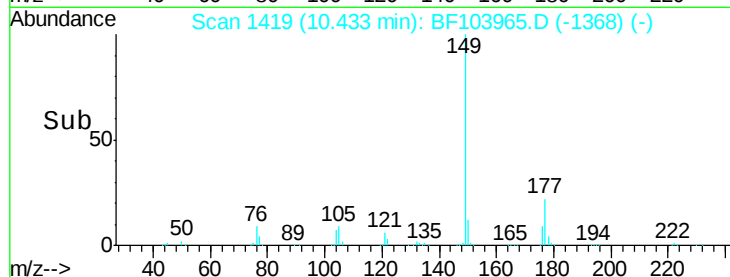
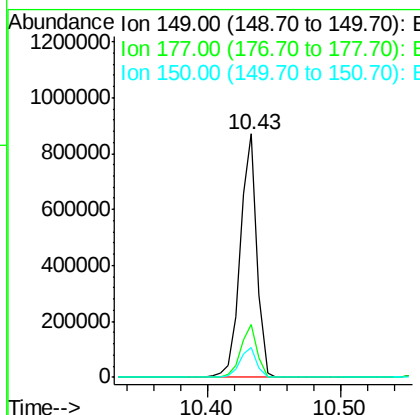
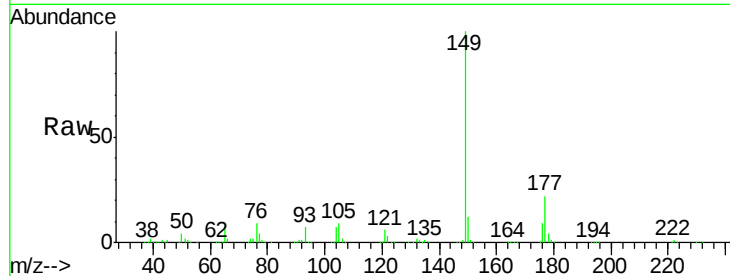
#59
Diethylphthalate
Concen: 38.508 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampled :
PB107629BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.5	10.1	15.1

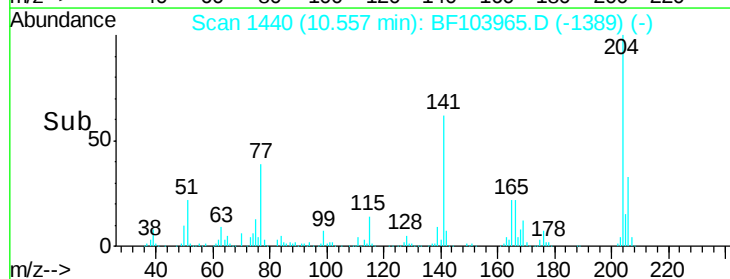
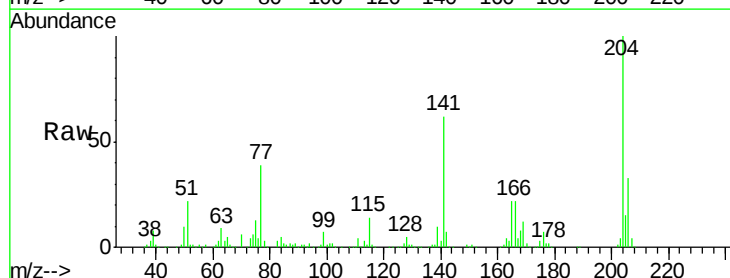
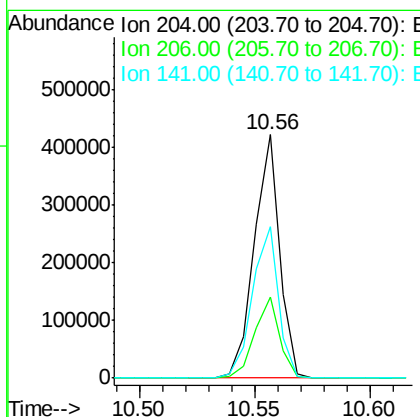
Manual Integrations
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3/27/2018 2:16:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.020 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.0	54.6	81.8





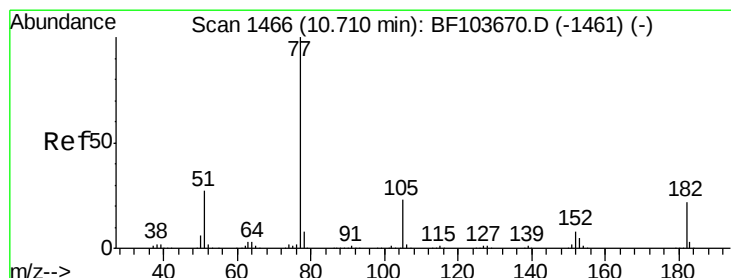
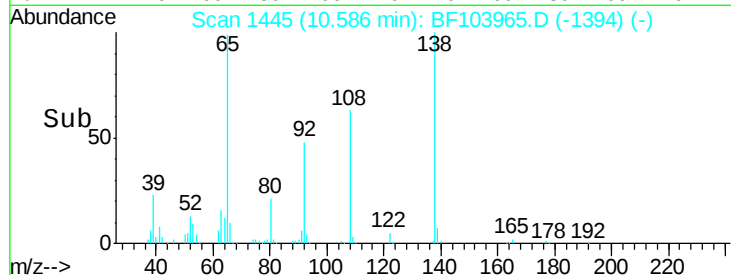
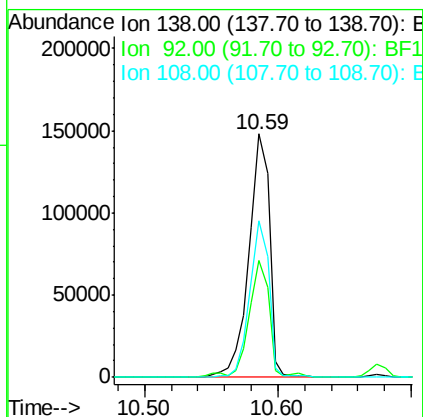
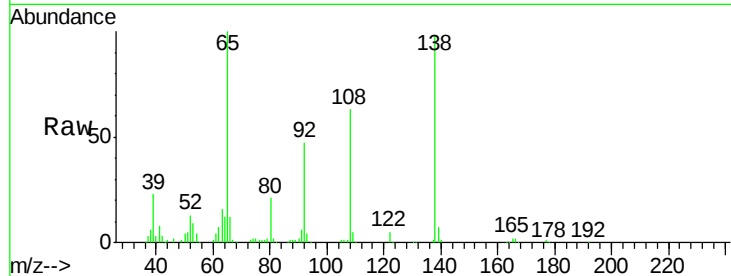
#61
4-Nitroaniline
Concen: 36.671 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.2	70.2
108	64.2	52.5	92.5

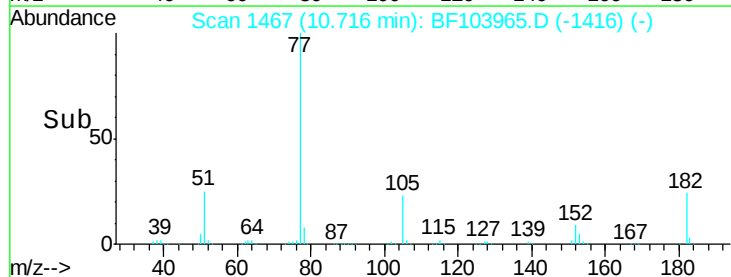
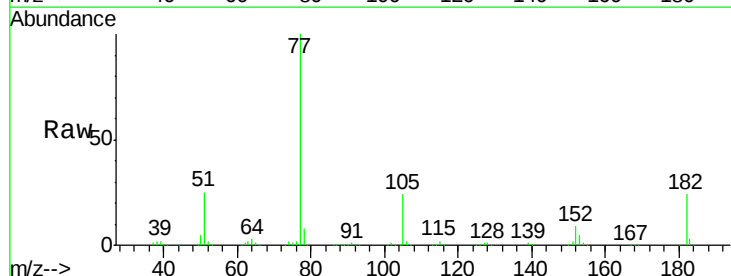
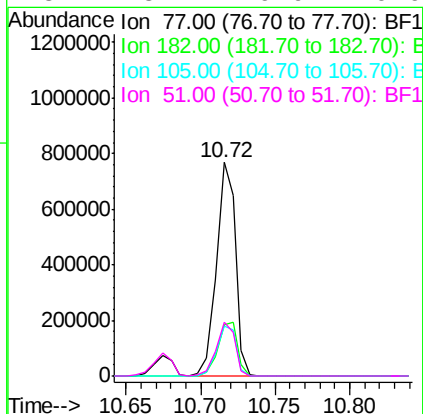
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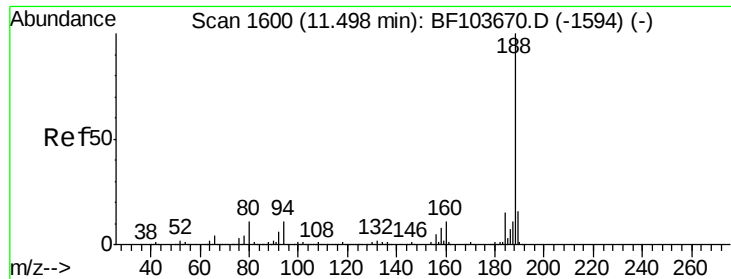
Sohil
3/27/2018 2:16:30 PM



#62
Azobenzene
Concen: 34.530 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	23.5	3.0	43.0
51	25.1	9.9	49.9





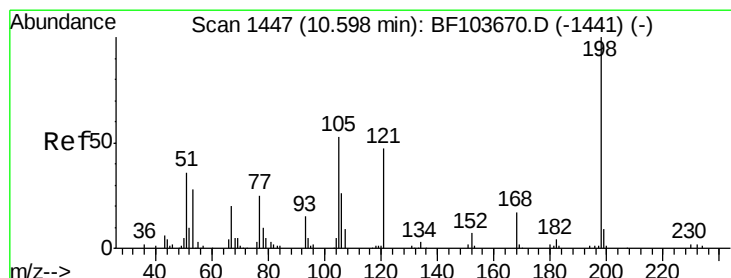
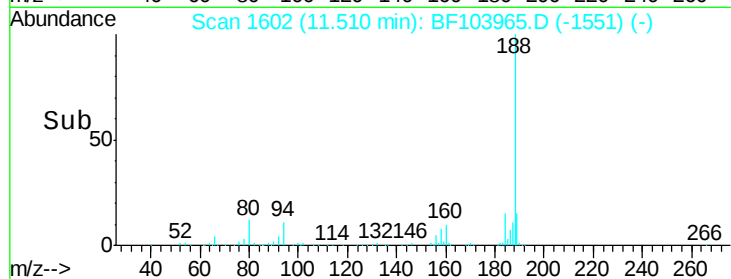
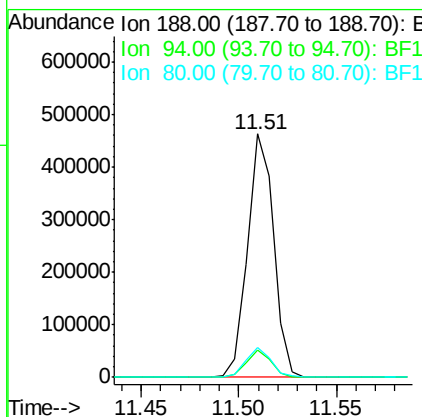
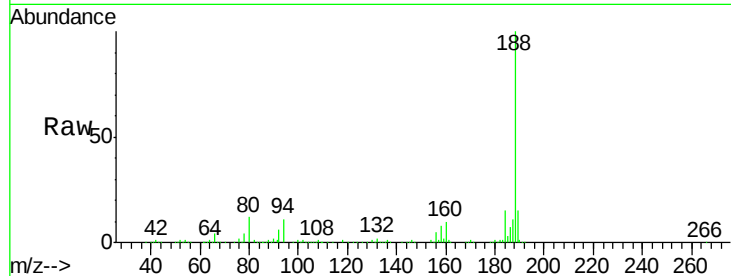
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	429597		
94	11.1		8.5	12.7
80	12.2		9.2	13.8

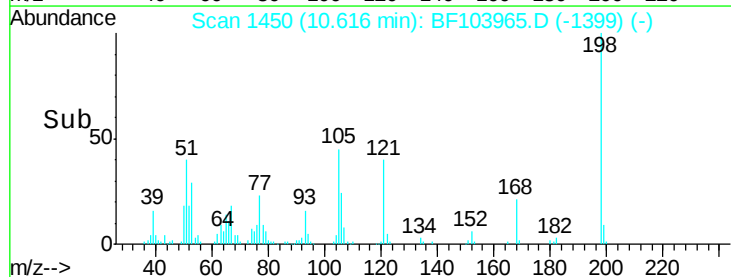
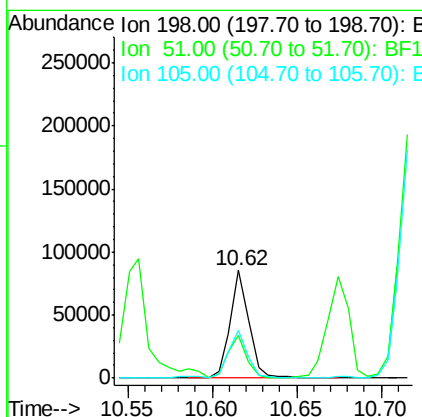
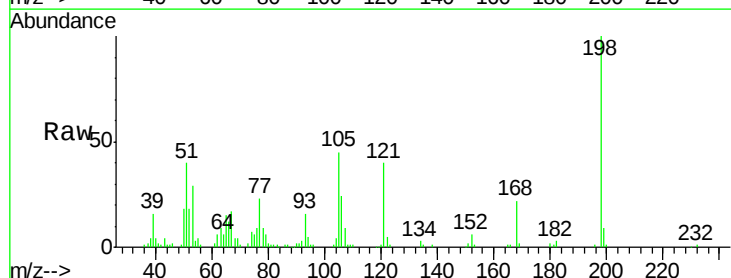
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.518 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65385		
51	40.1		37.7	77.7
105	44.8		36.3	76.3





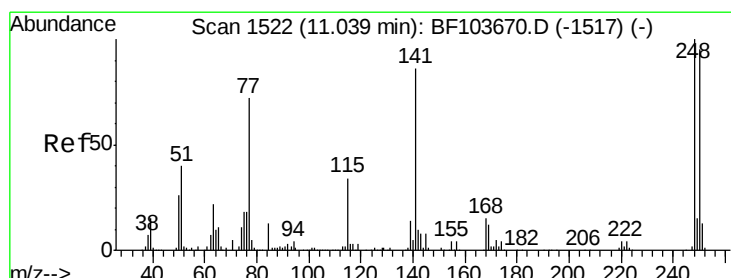
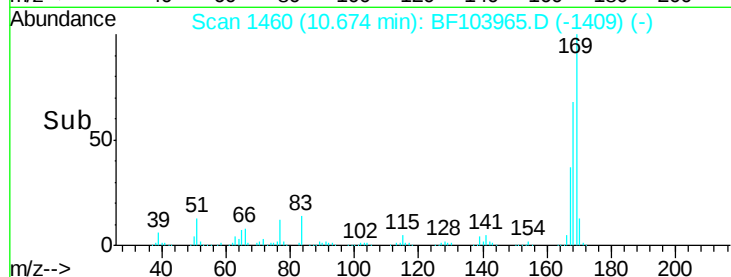
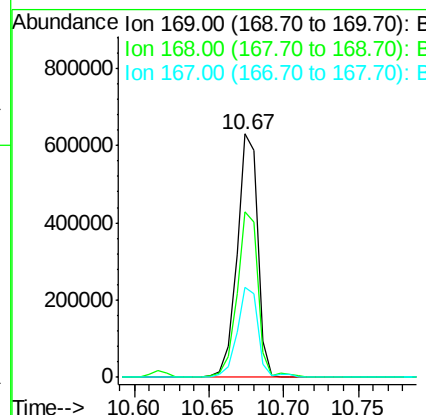
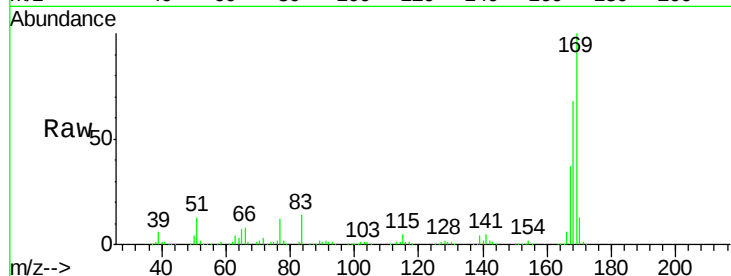
#65
 n-Nitrosodiphenylamine
 Concen: 42.036 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	54.4	81.6
167	36.7	29.8	44.6

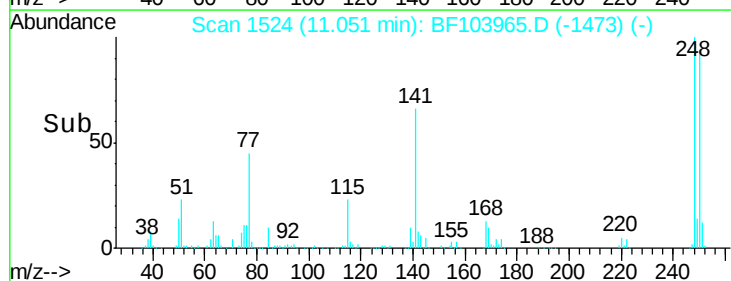
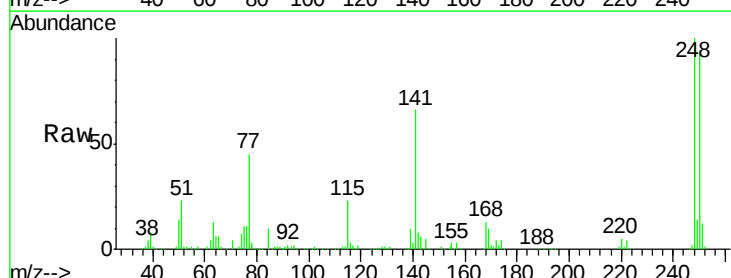
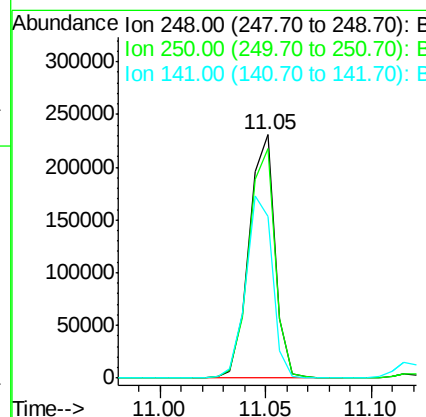
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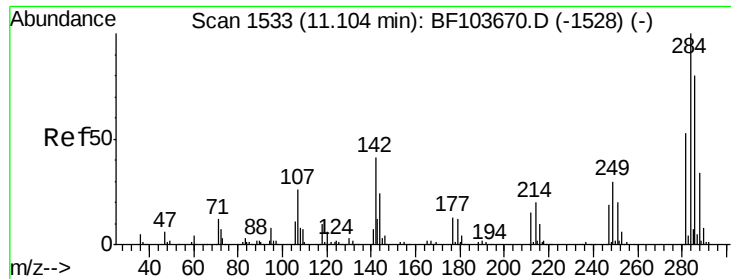
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#66
 4-Bromophenyl-phenylether
 Concen: 44.623 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	76.9	115.3
141	66.3	74.4	111.6





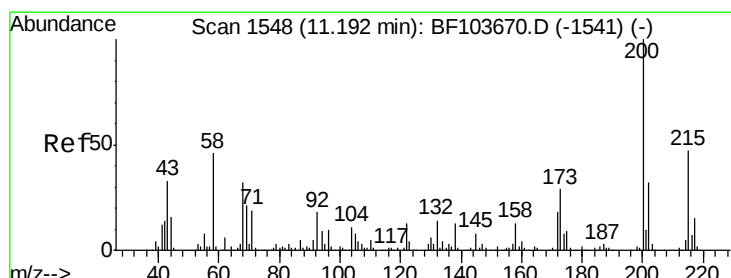
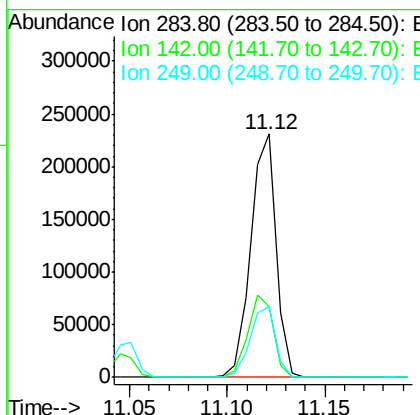
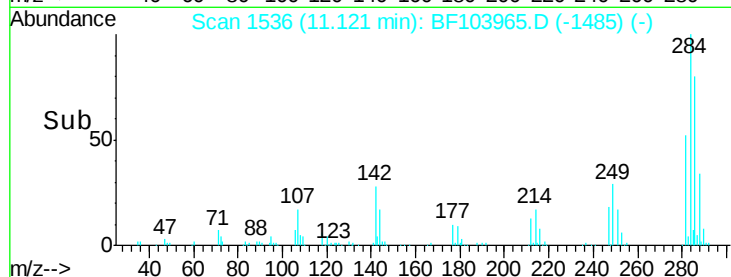
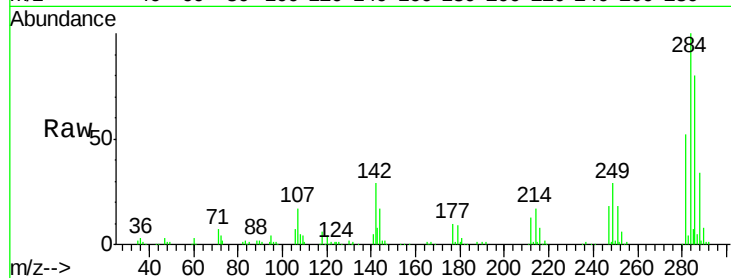
#67
Hexachlorobenzene
Concen: 41.249 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	207660		
142	28.9	34.6	52.0#	
249	29.1	24.8	37.2	

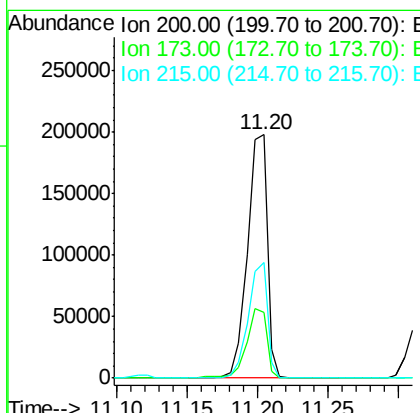
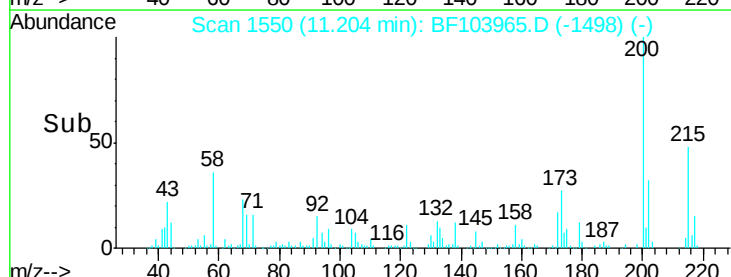
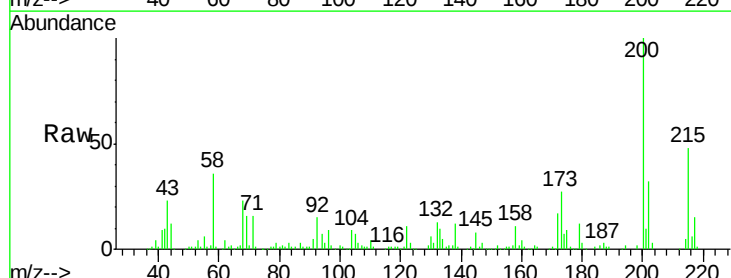
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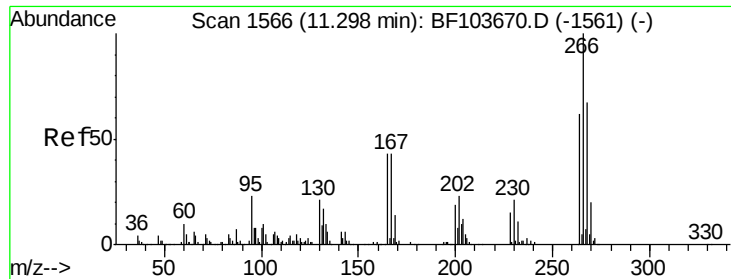
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#68
Atrazine
Concen: 43.191 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	195372		
173	27.0	8.6	48.6	
215	47.6	25.1	65.1	





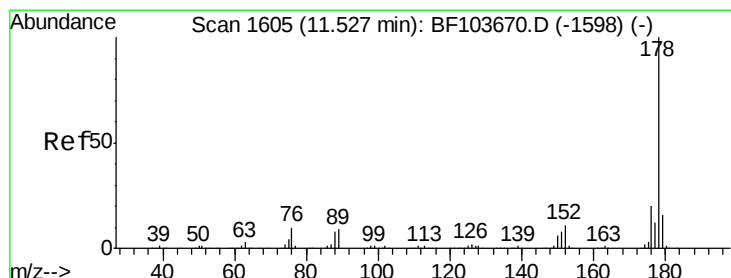
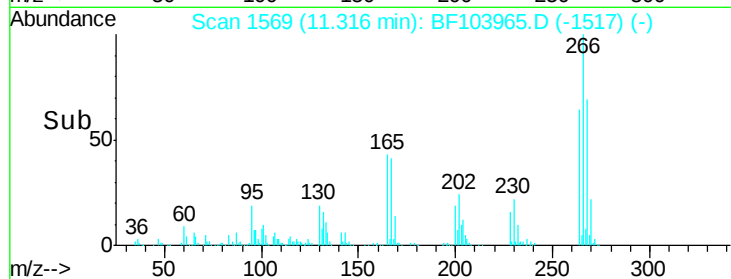
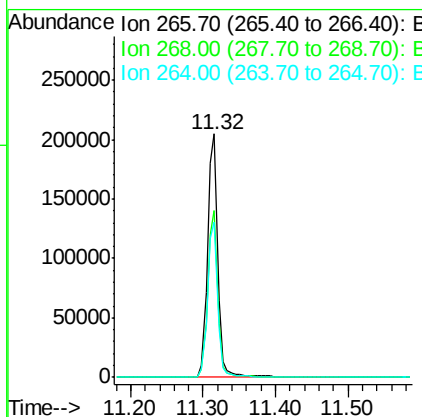
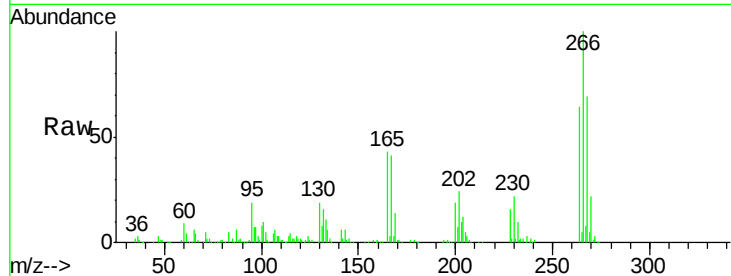
#69
 Pentachlorophenol
 Concen: 70.520 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleID :
 PB107629BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	204103		
268	68.5	51.1	76.7	
264	63.6	49.5	74.3	

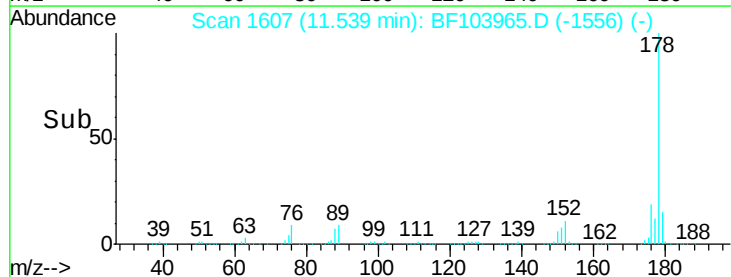
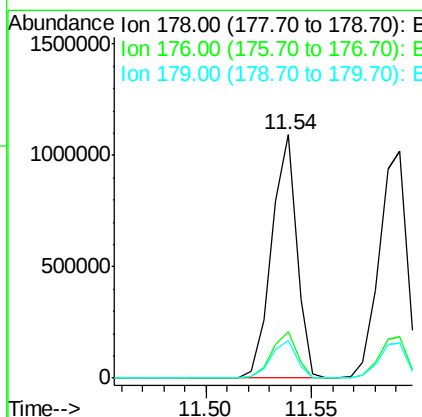
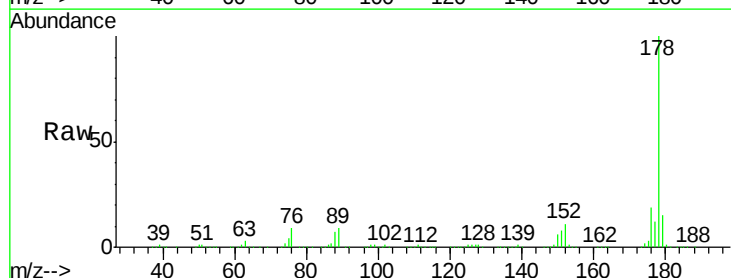
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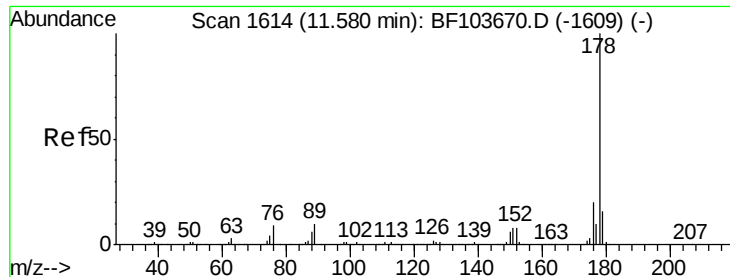
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#70
 Phenanthrene
 Concen: 38.544 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	905792		
176	19.3	15.8	23.8	
179	15.4	13.0	19.6	





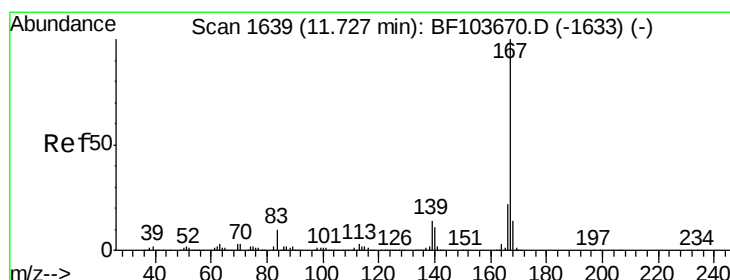
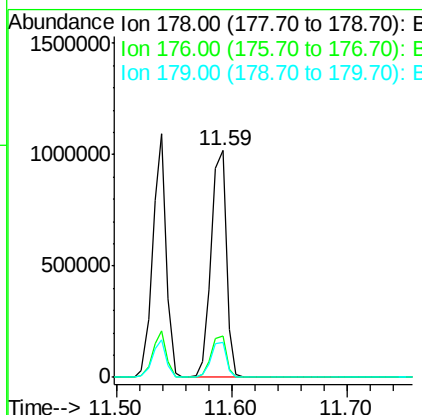
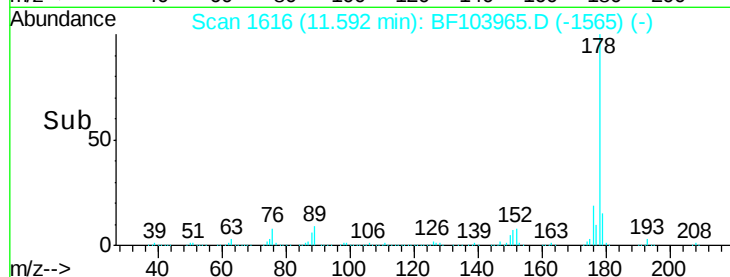
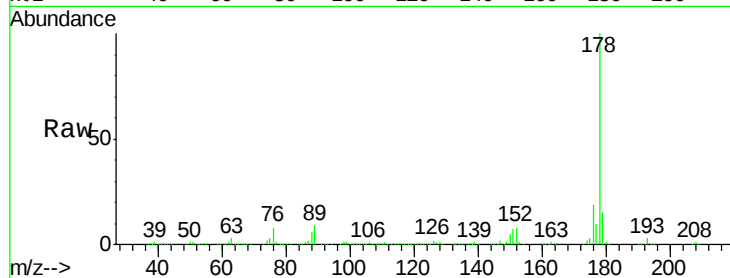
#71
 Anthracene
 Concen: 39.526 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

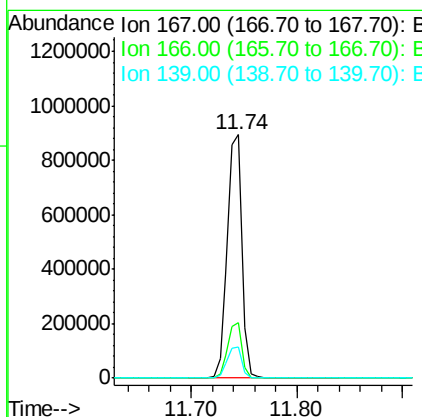
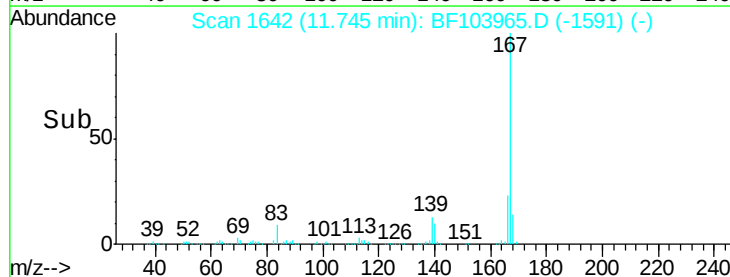
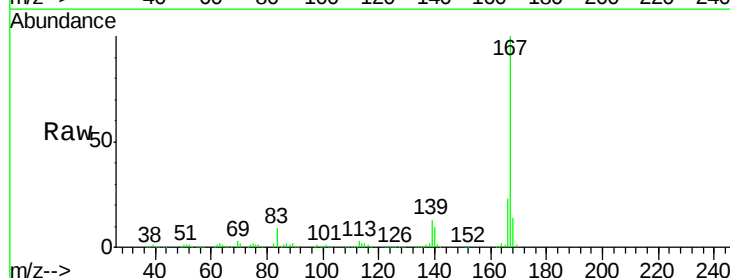
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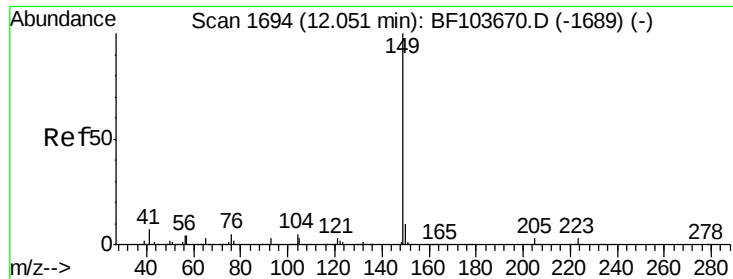
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#72
 Carbazole
 Concen: 36.960 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.525 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

ClientSampleId :

PB107629BS

Tot Ion:149 Resp: 1128029

Ion Ratio Lower Upper

149 100

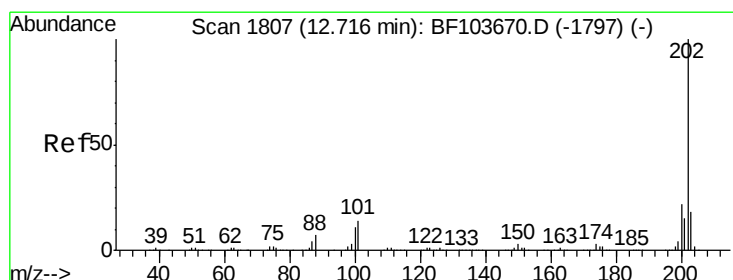
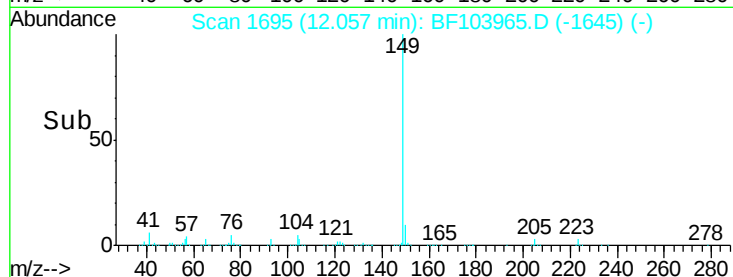
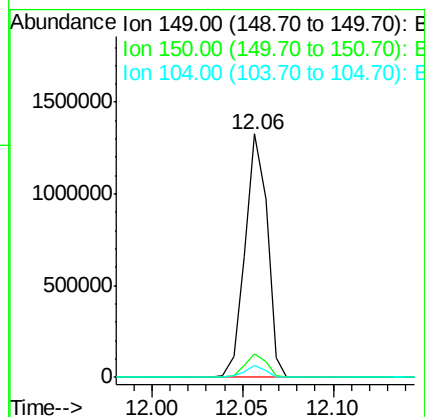
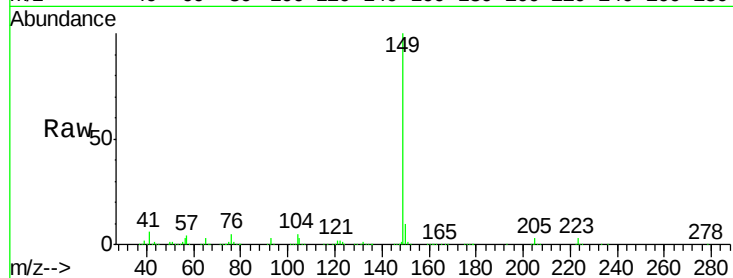
150 9.7 7.8 11.6

104 4.8 3.8 5.8

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#74

Fluoranthene

Concen: 34.874 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

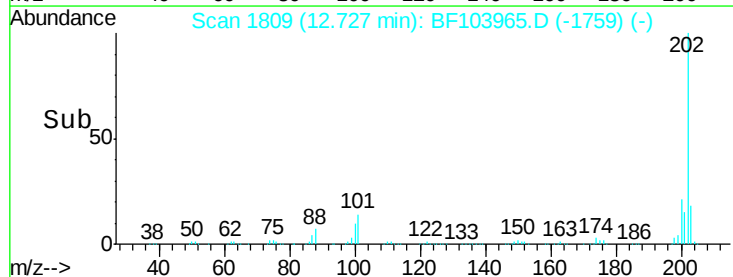
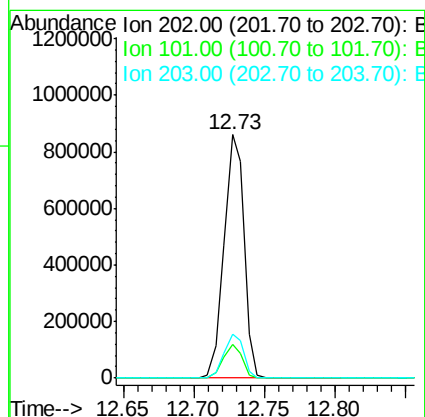
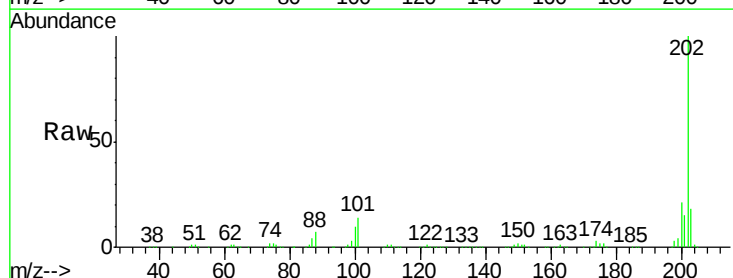
Tgt Ion:202 Resp: 844316

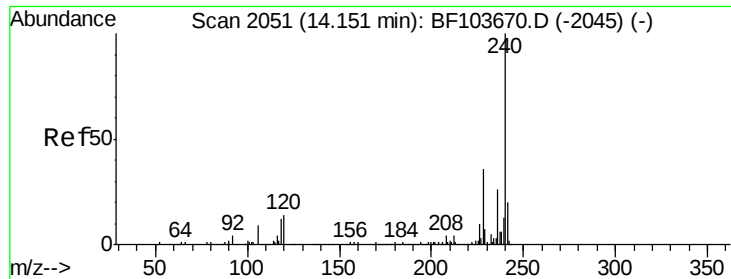
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

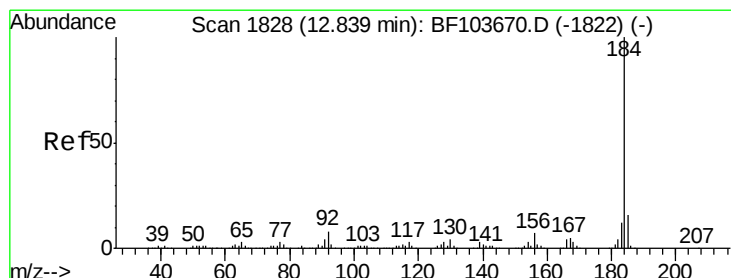
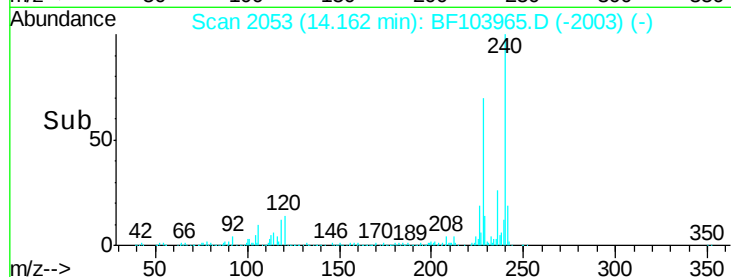
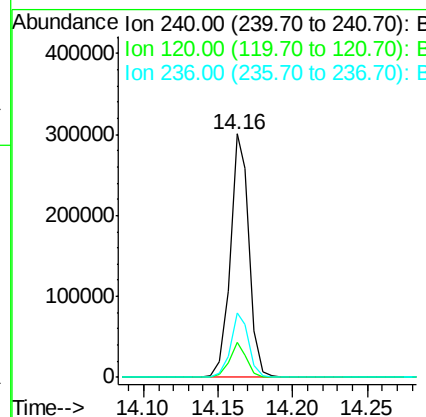
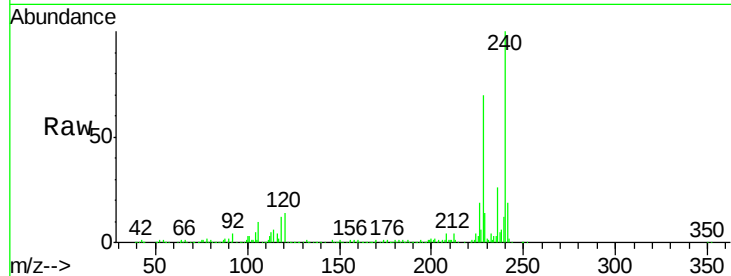
ClientSampleId :

PB107629BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 35.770 ng

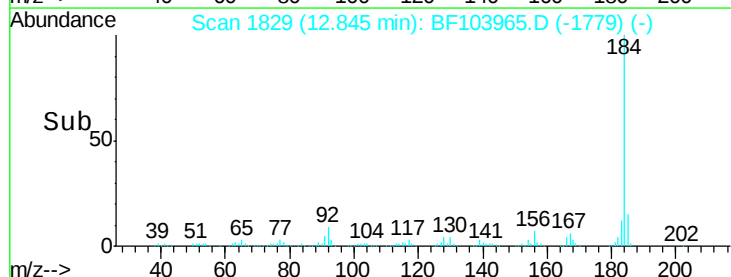
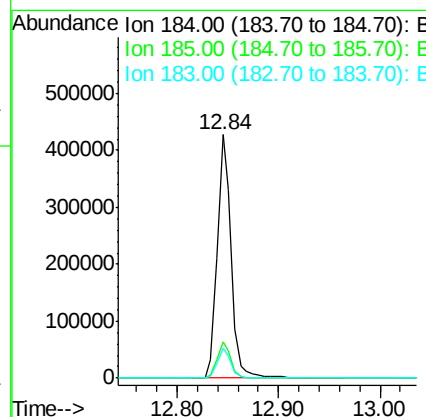
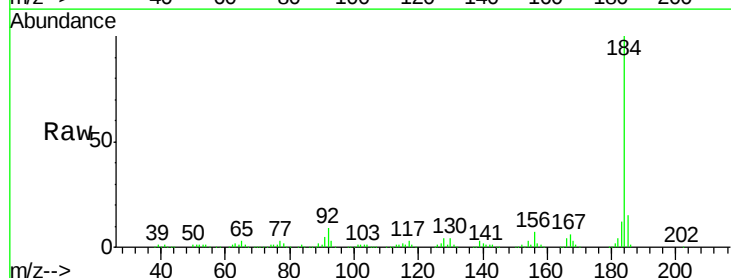
RT: 12.84 min Scan# 1829

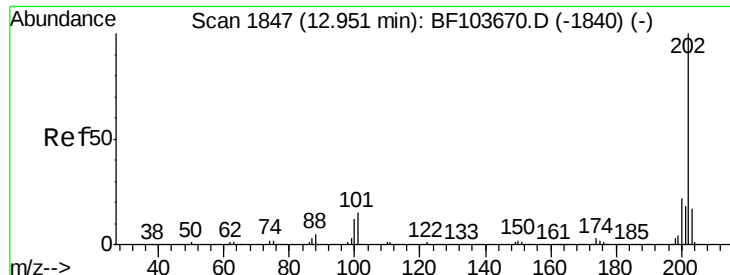
Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	18.8
183	12.2	9.3	13.9





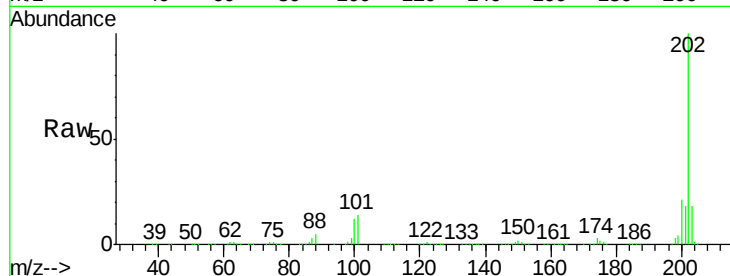
#77
Pvrene
Concen: 41.739 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

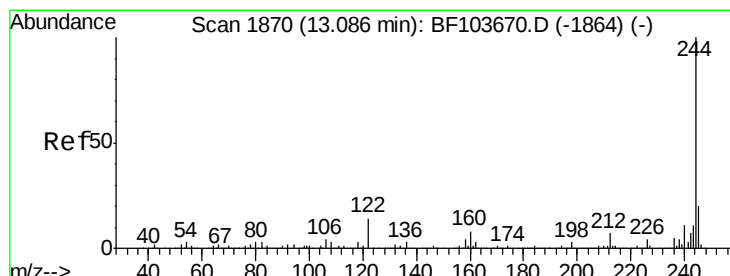
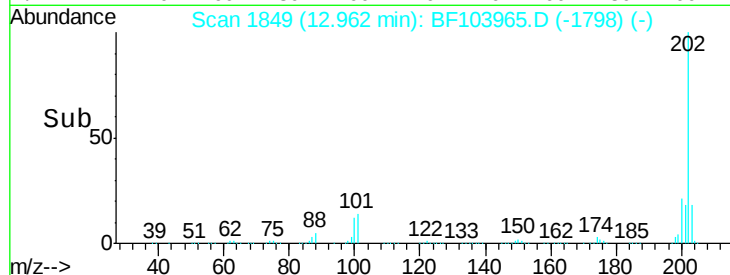
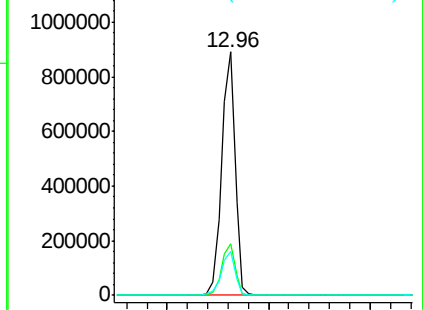
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.8	14.3	21.5

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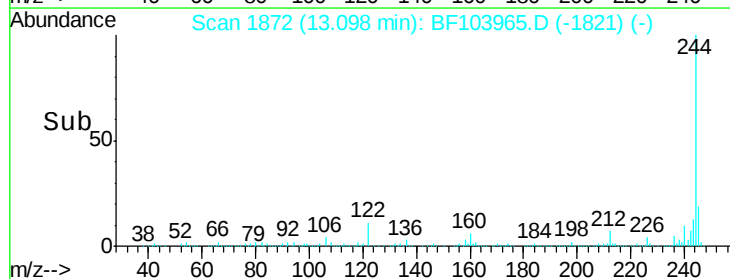
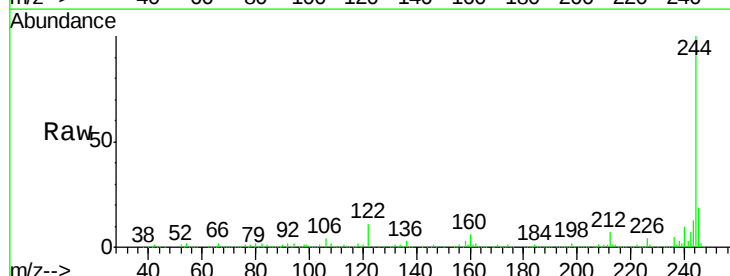
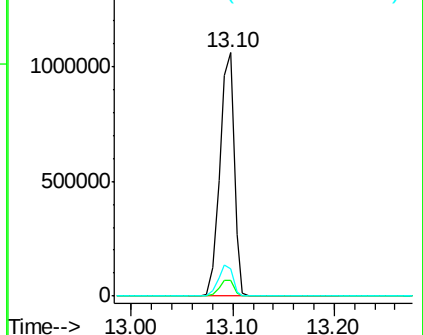
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 90.920 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	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





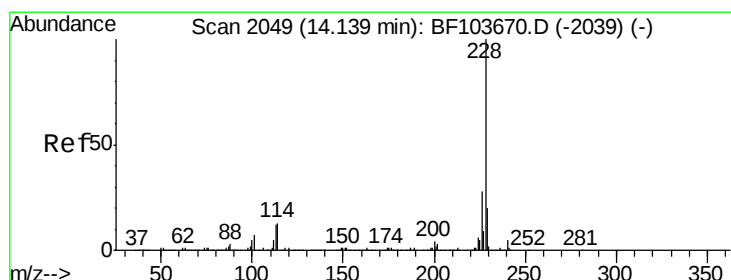
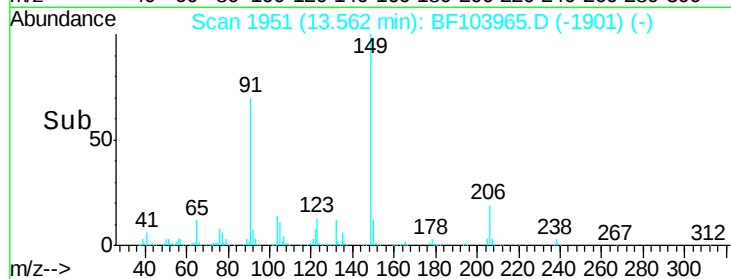
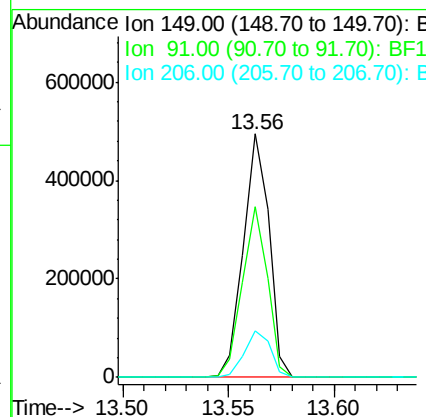
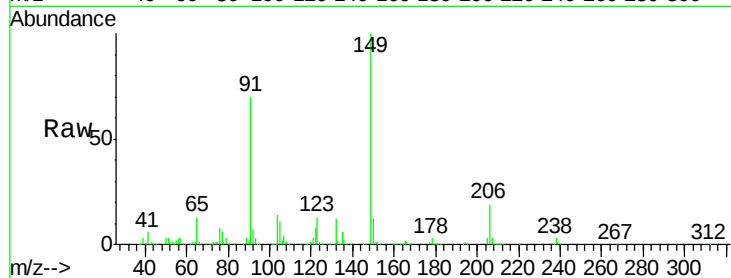
#79
Butylbenzylphthalate
Concen: 47.810 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.8	85.2
206	19.1	14.1	21.1

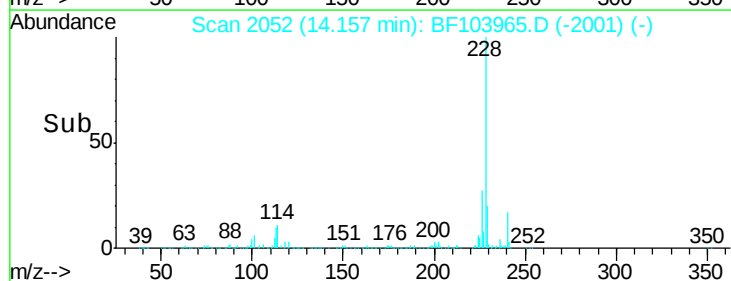
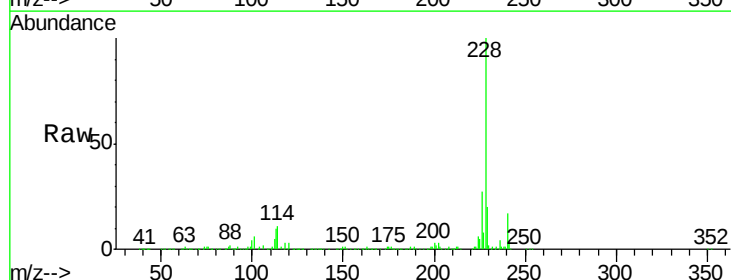
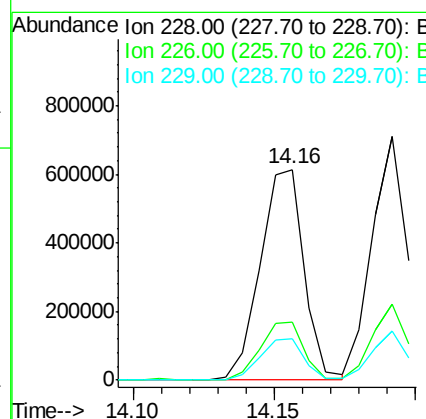
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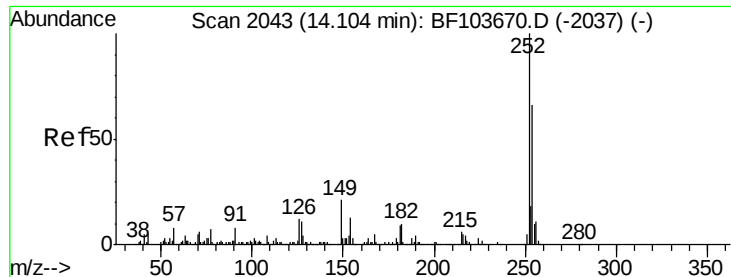
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#80
Benzo(a)anthracene
Concen: 39.118 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6





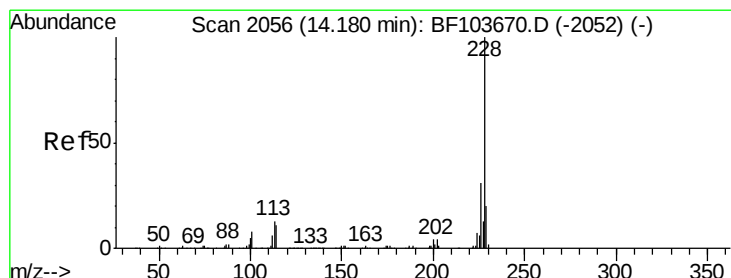
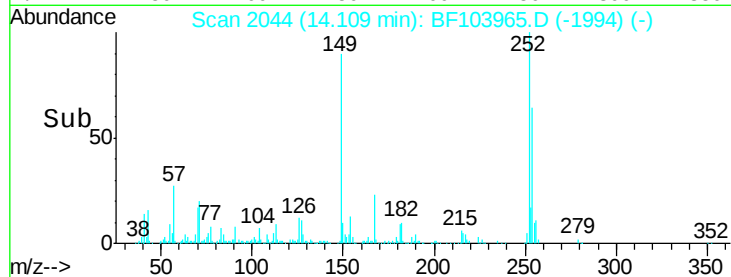
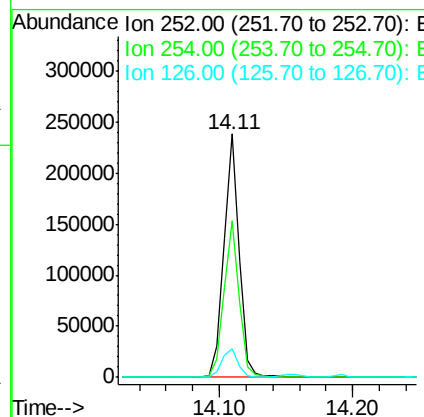
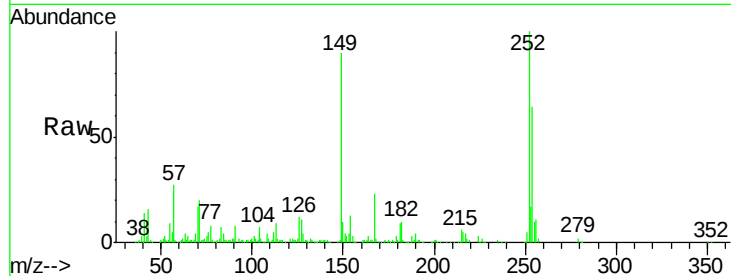
#81
 3,3'-Dichlorobenzidine
 Concen: 34.177 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	11.7	11.3	16.9

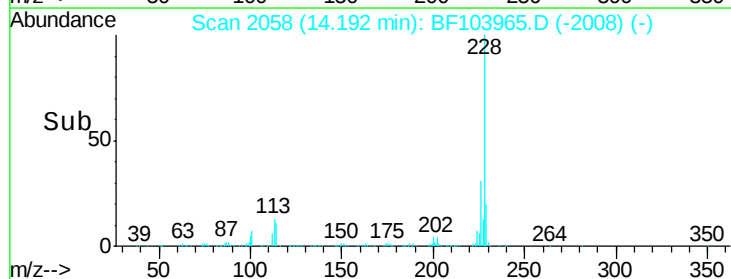
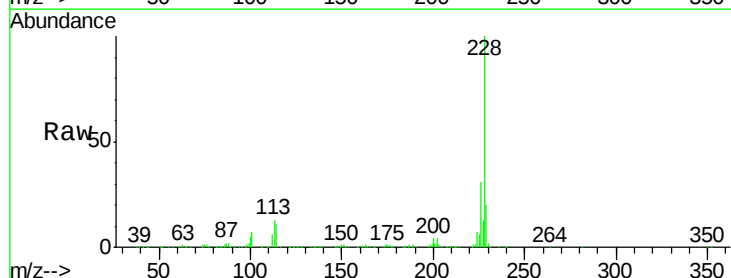
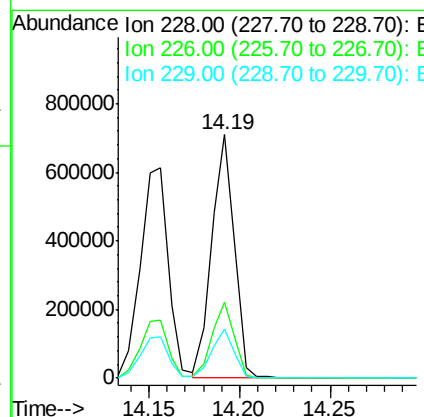
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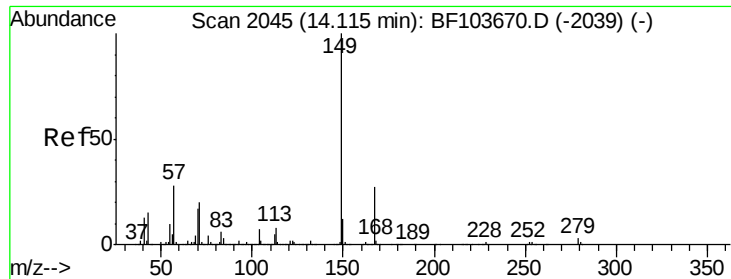
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#82
 Chrysene
 Concen: 37.932 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4





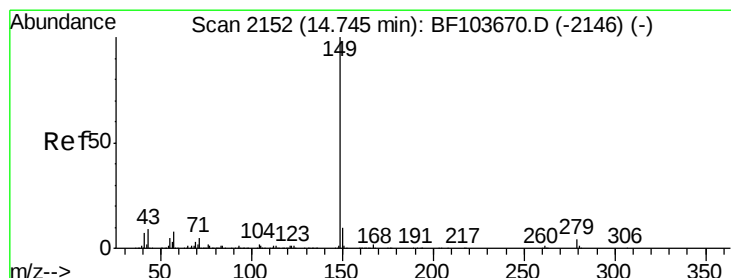
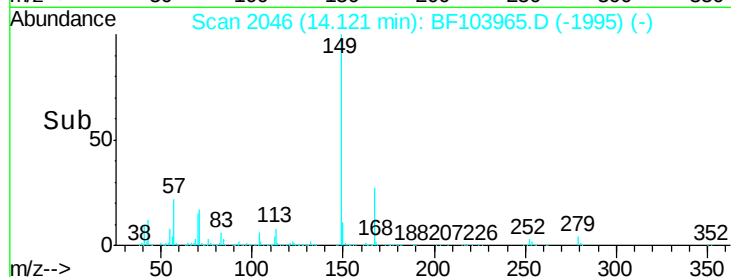
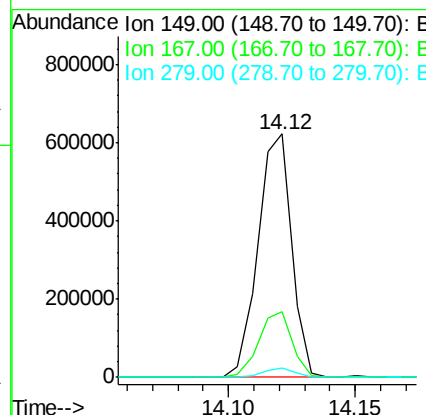
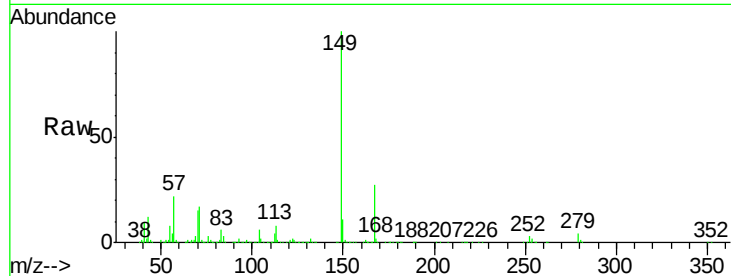
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.535 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB107629BS

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

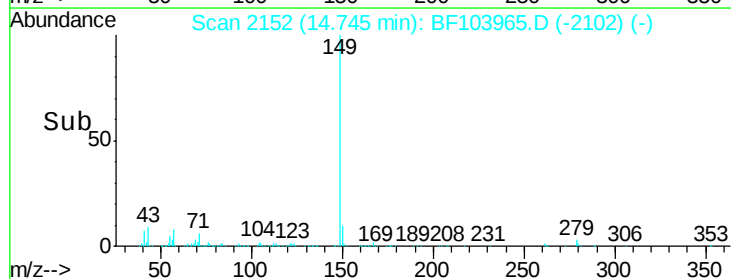
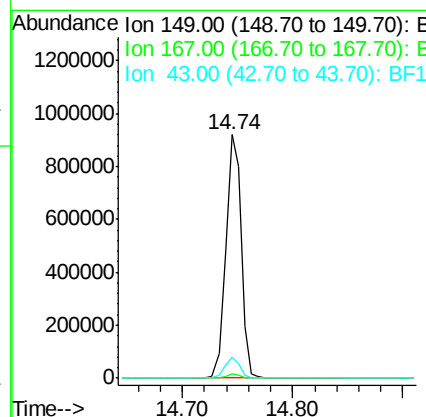
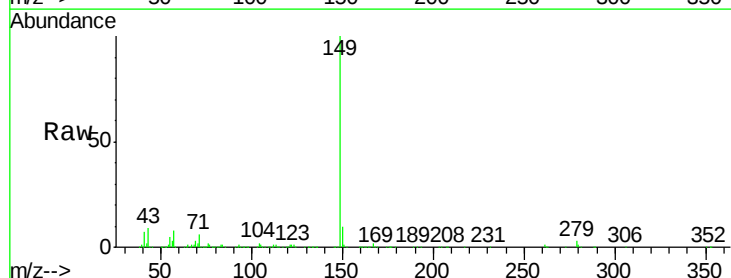
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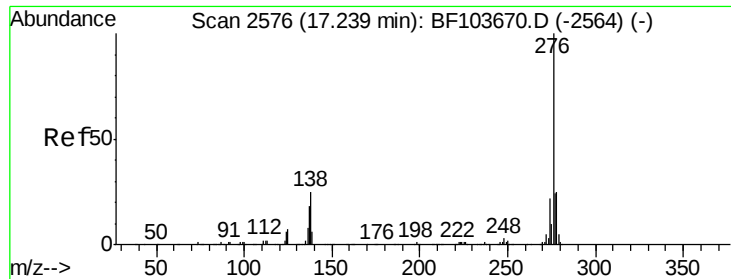
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#84
 Di-n-octyl phthalate
 Concen: 49.594 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

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





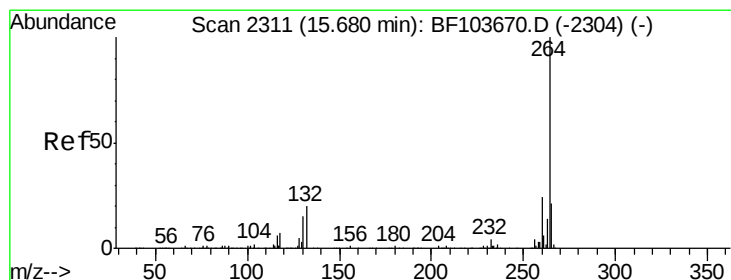
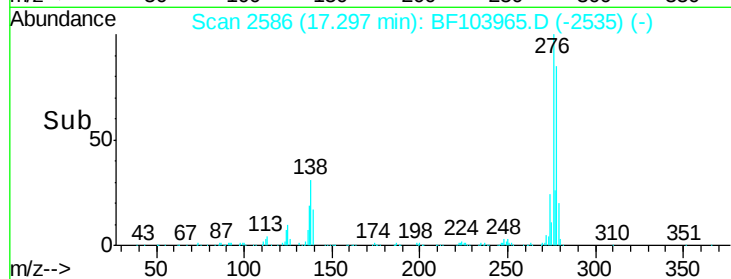
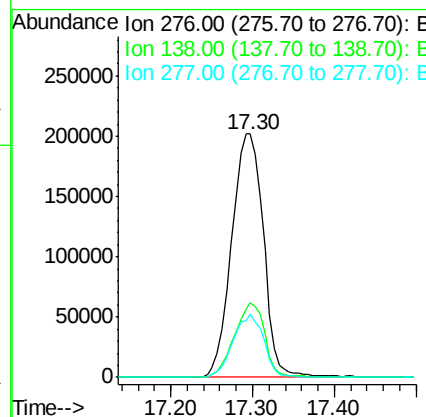
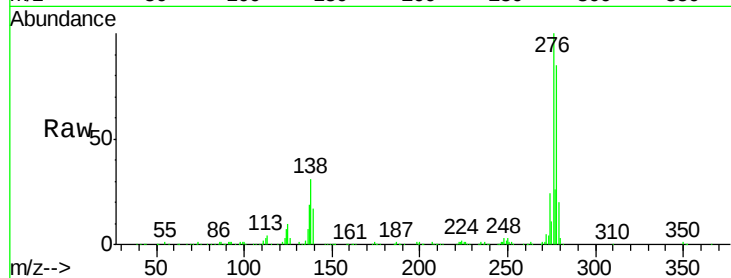
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.827 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Instrument :
 BNA_F
 ClientSampleID :
 PB107629BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.0	37.6
277	25.1	20.1	30.1

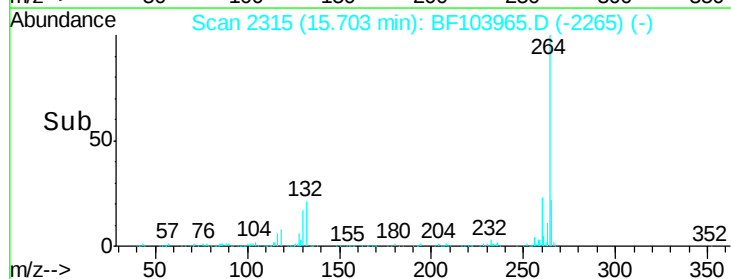
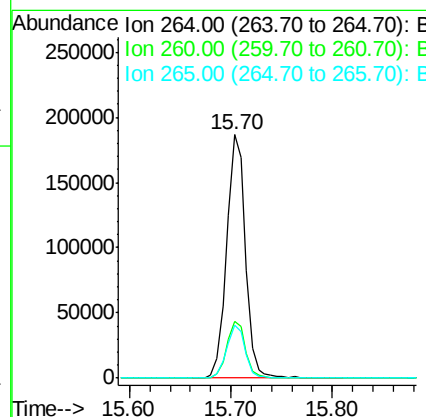
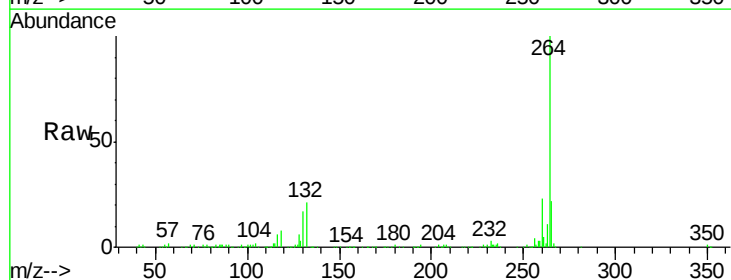
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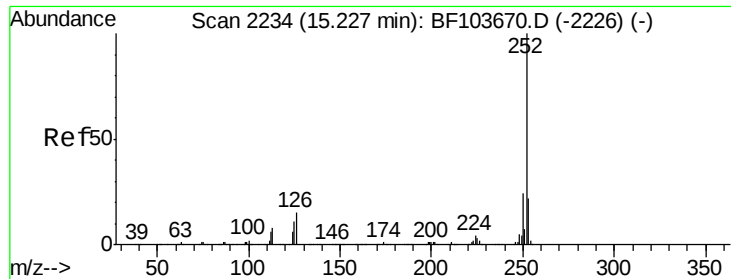
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103965.D
 Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.566 ng

RT: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

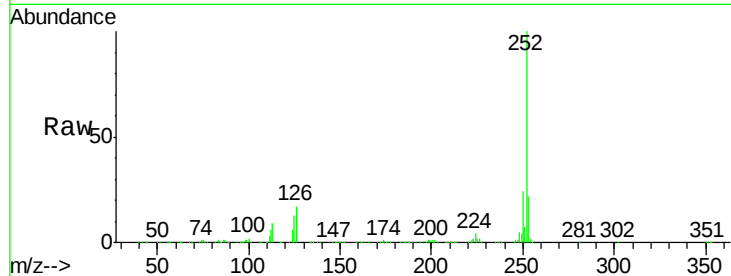
ClientSampleId :

PB107629BS

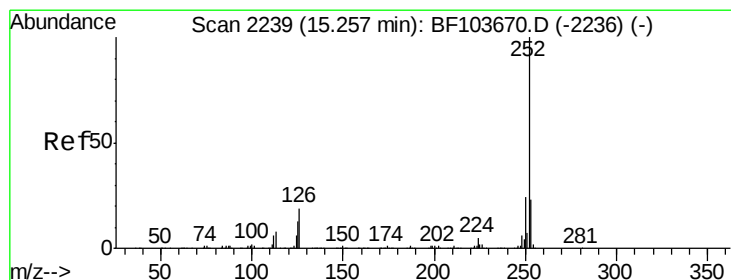
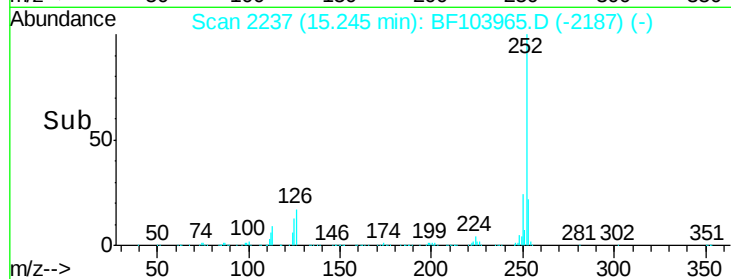
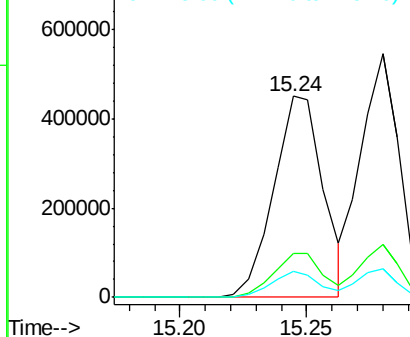
Tot Ion:	252	Resp:	613121
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	12.6	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.013 ng

RT: 15.28 min Scan# 2243

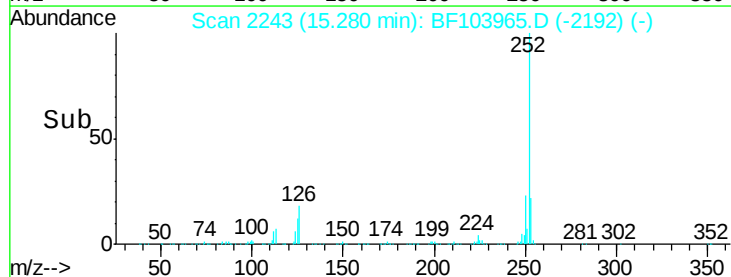
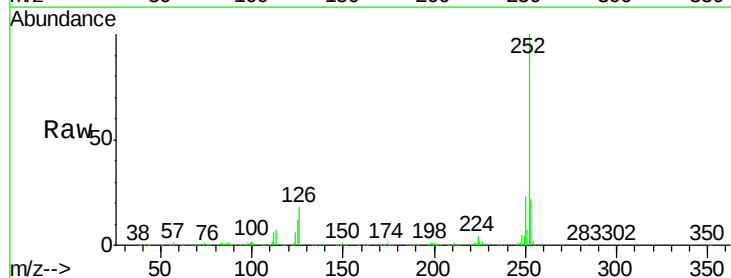
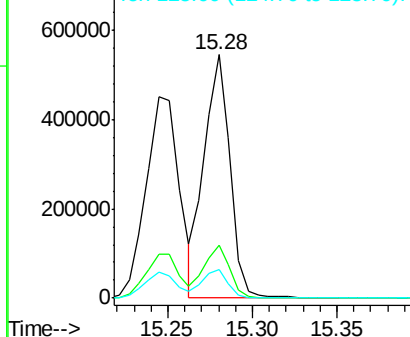
Delta R.T. -0.00 min

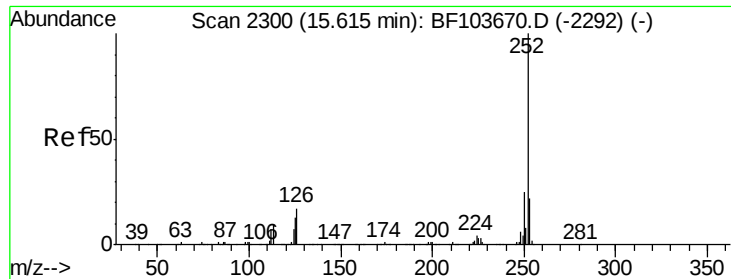
Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Tgt Ion:	252	Resp:	581327
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	11.9	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





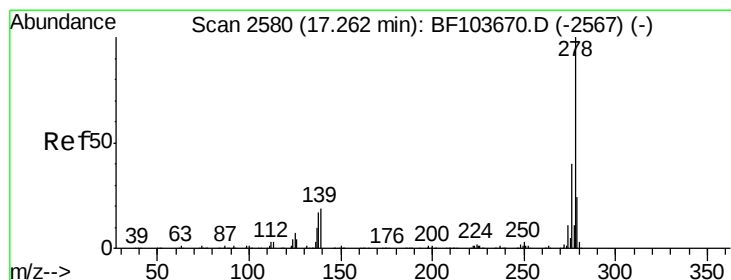
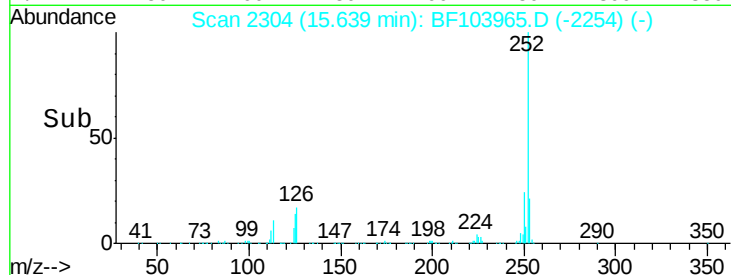
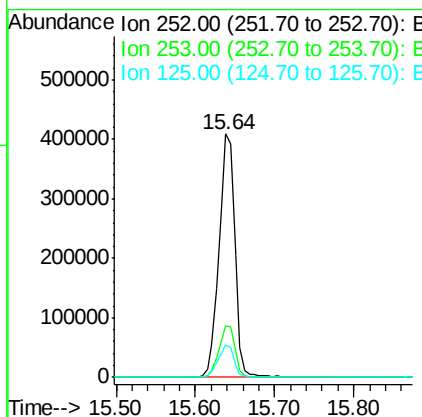
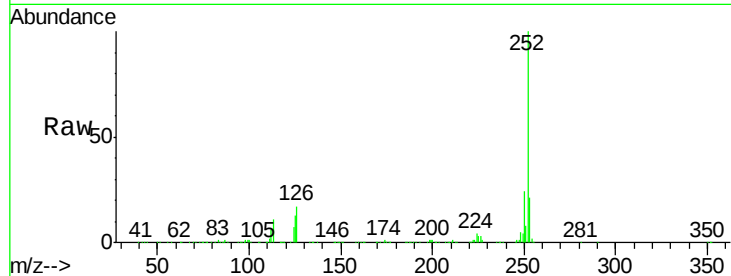
#89
Benzo(a)pyrene
Concen: 41.535 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Instrument :
BNA_F
ClientSampleId :
PB107629BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.5	9.8	14.6

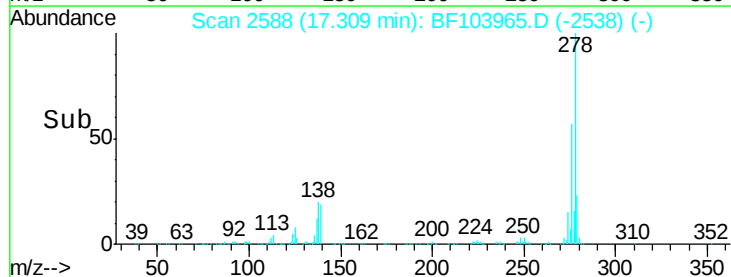
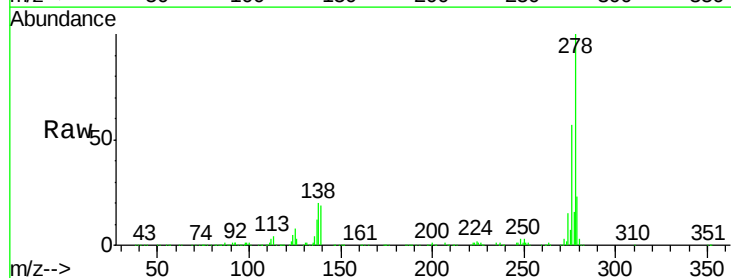
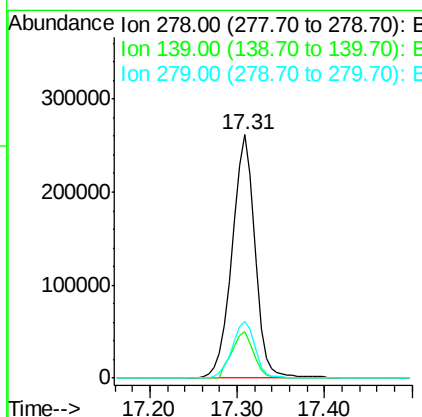
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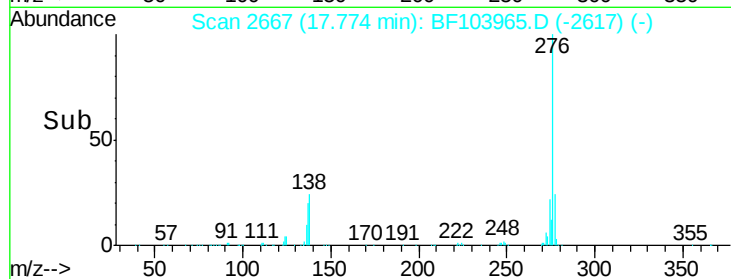
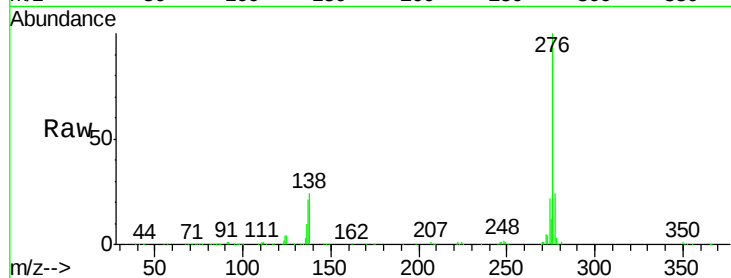
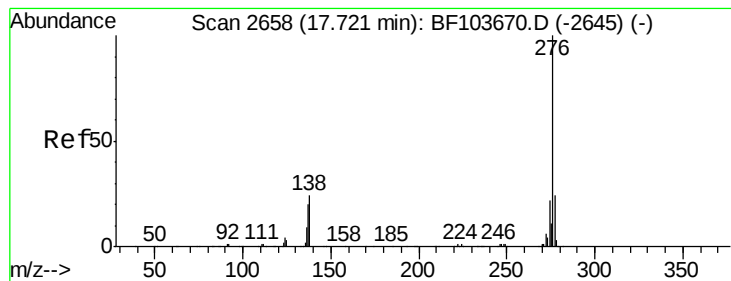
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#90
Dibenzo(a,h)anthracene
Concen: 39.401 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103965.D
Acq: 27 Mar 2018 9:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	23.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.579 ng

RT: 17.77 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BF103965.D

Acq: 27 Mar 2018 9:52

Instrument :

BNA_F

ClientSampleId :

PB107629BS

Tot Ion:	276	Resp:	433959
Ion Ratio		Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.0	21.8	32.8

Manual Integrations
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