

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104334.D
 Acq On : 7 Apr 2018 4:08
 Operator : JU/SJ
 Sample : PB108048BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:53 AM

Quant Time: Apr 07 05:18:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138902	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	562288	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	257781	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	405166	20.00	ng	0.00
75) Chrysene-d12	13.97	240	260527	20.00	ng	0.00
86) Perylene-d12	15.43	264	249017	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	802319	88.32	ng	0.02
7) Phenol-d6	6.43	99	998016	89.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	853486	99.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	223869	83.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1483471	90.91	ng	0.00
78) Terphenyl-d14	12.92	244	1069764	93.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	160350	37.882	ng	91
3) Pyridine	3.33	79	459825	38.638	ng	89
4) n-Nitrosodimethylamine	3.30	42	184877	44.440	ng	83
6) Aniline	6.47	93	226314	14.594	ng	96
8) 2-Chlorophenol	6.59	128	427204	44.556	ng	93
9) Benzaldehyde	6.35	77	113529	16.279	ng	97
10) Phenol	6.45	94	521652	44.048	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	399853	42.310	ng	95
12) 1,3-Dichlorobenzene	6.75	146	440066	40.513	ng	100
13) 1,4-Dichlorobenzene	6.82	146	444933	41.092	ng	99
14) 1,2-Dichlorobenzene	6.97	146	406882	40.550	ng	99
15) Benzyl Alcohol	6.95	79	351381	41.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	521470	41.087	ng	93
17) 2-Methylphenol	7.06	107	354121	42.489	ng	98
18) Hexachloroethane	7.32	117	152205	39.426	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	284970	39.071	ng	92
20) 3+4-Methylphenols	7.21	107	414450	40.095	ng	# 81
22) Acetophenone	7.22	105	561335	40.549	ng	96
24) Nitrobenzene	7.39	77	422747	44.466	ng	97
25) Isophorone	7.63	82	802573	44.075	ng	98
26) 2-Nitrophenol	7.70	139	210616	54.417	ng	99
27) 2,4-Dimethylphenol	7.74	122	400740	49.866	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	506165	45.464	ng	99
29) 2,4-Dichlorophenol	7.95	162	341917	44.591	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	349156	41.491	ng	99
31) Naphthalene	8.11	128	1178976	42.108	ng	99
32) Benzoic acid	7.87	122	282159	44.004	ng	95
33) 4-Chloroaniline	8.16	127	114212	9.521	ng	97
34) Hexachlorobutadiene	8.23	225	187708	40.723	ng	98
35) Caprolactam	8.53	113	115756m	43.274	ng	
36) 4-Chloro-3-methylphenol	8.64	107	368597	44.831	ng	98
37) 2-Methylnaphthalene	8.80	142	768668	42.442	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320936	43.492	ng	99
40) Hexachlorocyclopentadiene	8.95	237	137282	33.231	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	233226	45.530	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	233494	40.733	nq	96
45) 1,1'-Biphenyl	9.27	154	906557	41.863	nq	100
46) 2-Chloronaphthalene	9.29	162	710008	41.509	nq	99
47) 2-Nitroaniline	9.39	65	213545	50.483	nq	95
48) Acenaphthylene	9.71	152	1071143	39.913	nq	99
49) Dimethylphthalate	9.57	163	843230	41.481	nq	100
50) 2,6-Dinitrotoluene	9.63	165	185985	49.445	nq	95
51) Acenaphthene	9.88	154	663943	40.548	nq	100
52) 3-Nitroaniline	9.80	138	92497	21.005	nq	97
53) 2,4-Dinitrophenol	9.90	184	61985	49.419	nq	# 19
54) Dibenzofuran	10.06	168	950130	41.637	nq	99
55) 4-Nitrophenol	9.96	139	315533	91.217	nq	91
56) 2,4-Dinitrotoluene	10.03	165	237043	48.043	nq	97
57) Fluorene	10.40	166	680735	40.984	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	184603	43.167	nq	96
59) Diethylphthalate	10.27	149	820680	40.537	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	313825	42.426	nq	97
61) 4-Nitroaniline	10.42	138	157662	36.617	nq	99
62) Azobenzene	10.55	77	778551	40.252	nq	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	46643	27.367	nq	82
65) n-Nitrosodiphenylamine	10.51	169	655253	46.643	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	199972	46.401	nq	91
67) Hexachlorobenzene	10.94	284	209781	43.260	nq	95
68) Atrazine	11.04	200	201501	47.520	nq	98
69) Pentachlorophenol	11.13	266	215789	71.929	nq	97
70) Phenanthrene	11.36	178	944157	41.845	nq	99
71) Anthracene	11.41	178	970966	42.334	nq	99
72) Carbazole	11.56	167	886165	39.539	nq	100
73) Di-n-butylphthalate	11.90	149	1203433	43.956	nq	99
74) Fluoranthene	12.54	202	844226	35.811	nq	99
76) Benzidine	12.67	184	363710	41.670	nq	99
77) Pyrene	12.77	202	821154	42.522	nq	100
79) Butylbenzylphthalate	13.40	149	412576	45.349	nq	98
80) Benzo(a)anthracene	13.97	228	662868	42.589	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	236477	40.750	nq	# 97
82) Chrysene	14.00	228	677238	42.362	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	533593	45.598	nq	99
84) Di-n-octyl phthalate	14.58	149	905582	46.314	nq	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	579711	42.687	nq	98
87) Benzo(b)fluoranthene	15.02	252	704207	44.776	nq	99
88) Benzo(k)fluoranthene	15.04	252	646245	43.524	nq	98
89) Benzo(a)pyrene	15.37	252	633027	44.984	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	489594	42.362	nq	99
91) Benzo(g,h,i)perylene	17.32	276	452257	40.390	nq	97

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

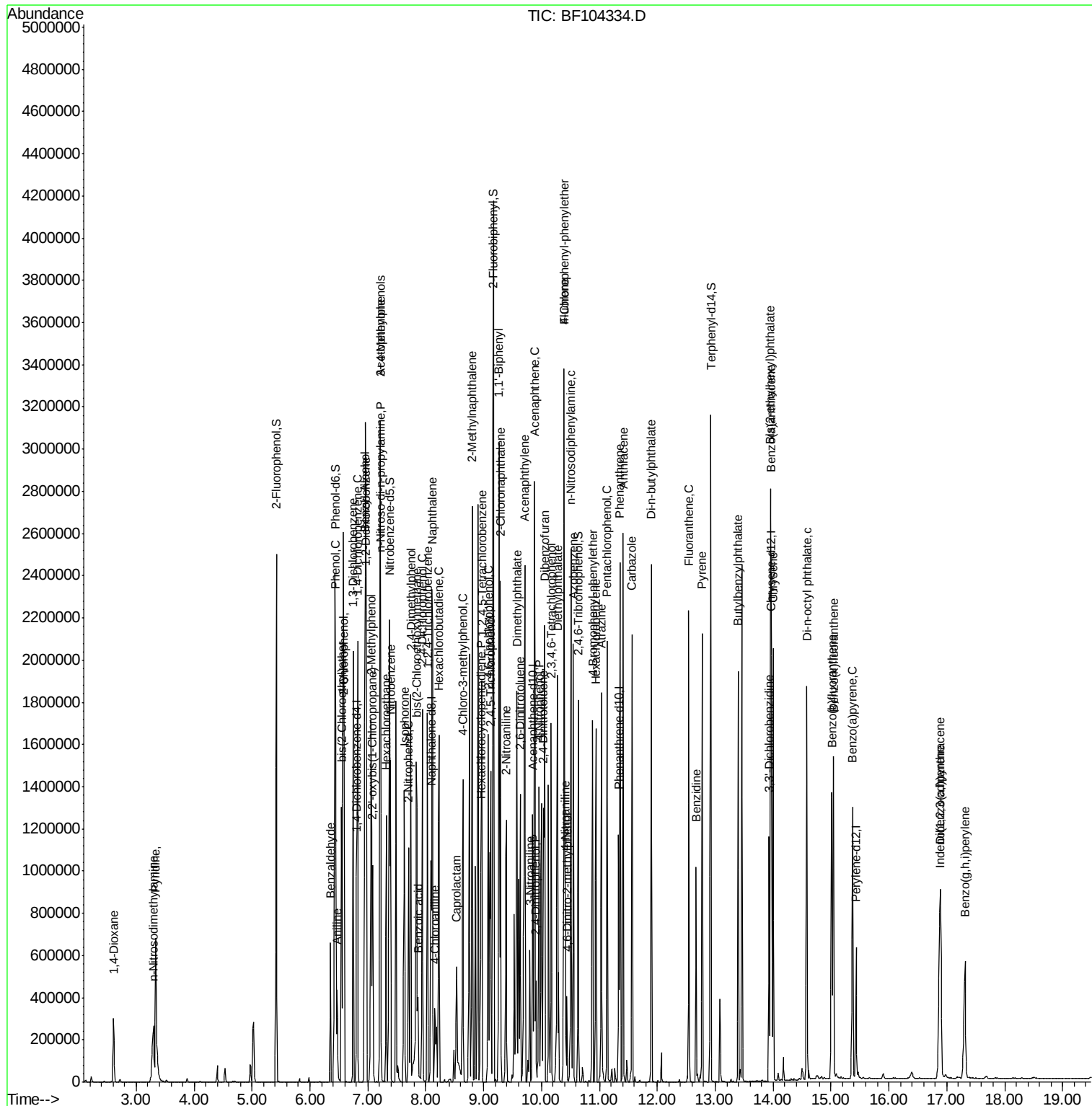
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

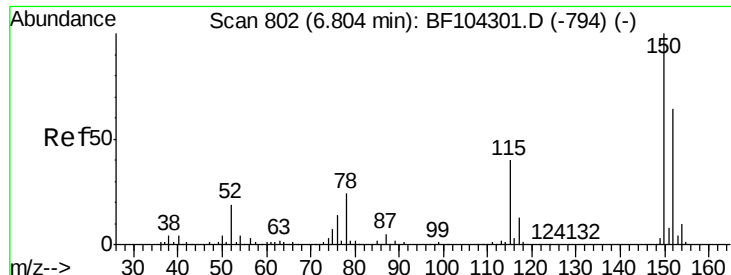
Instrument :
BNA_F
ClientSampleId :
PB108048BS

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#1

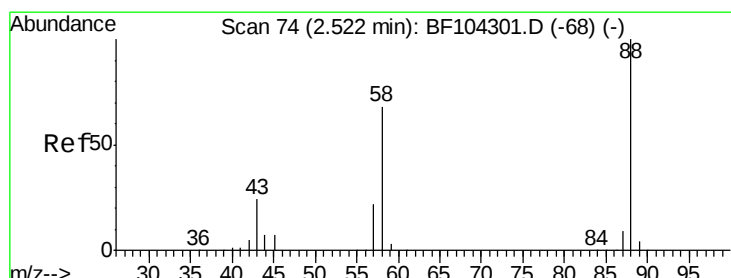
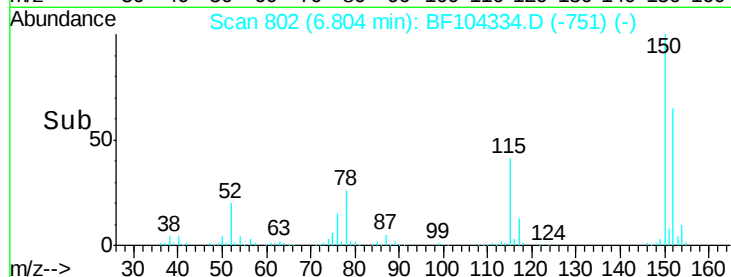
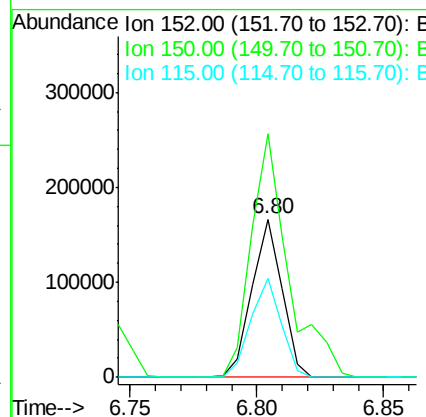
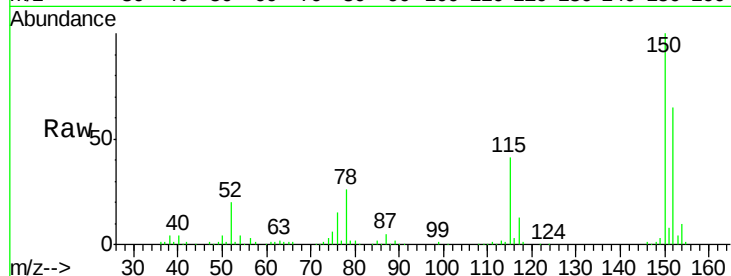
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	62.7	50.1	75.1

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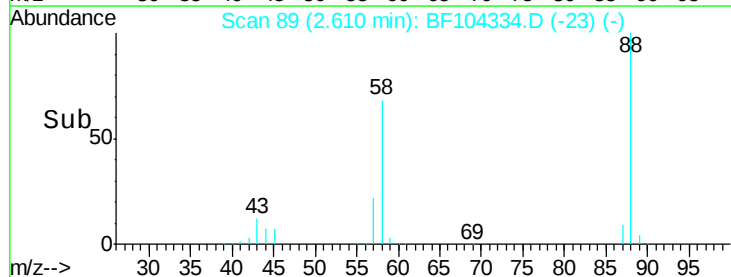
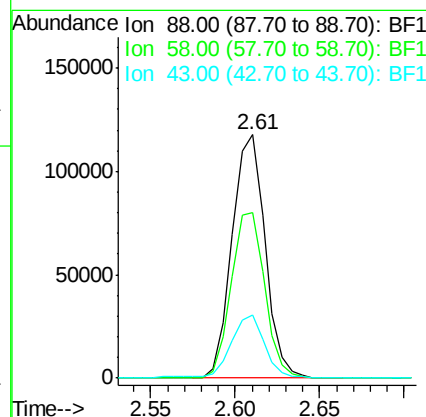
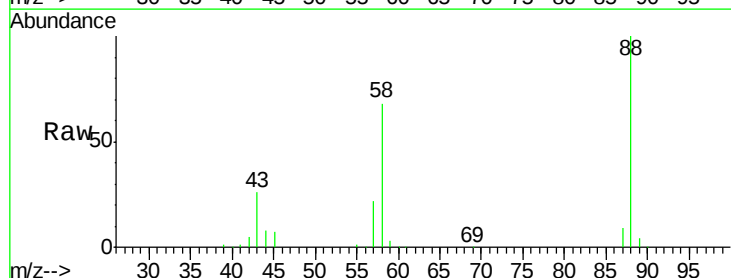
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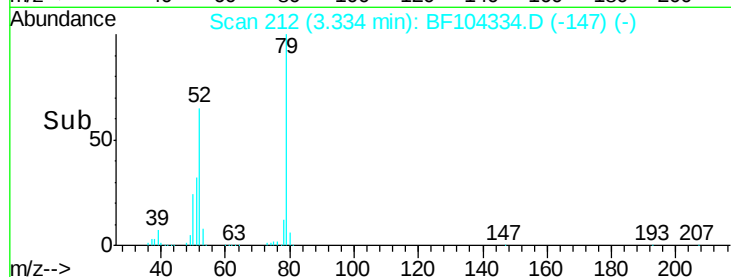
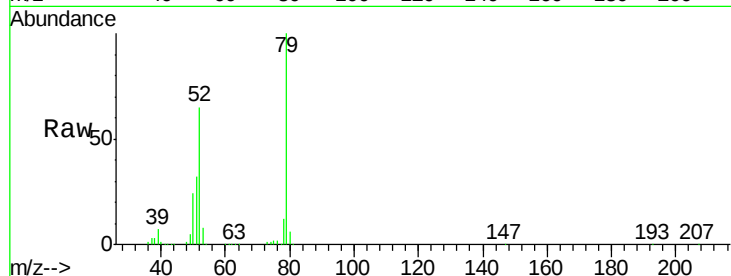
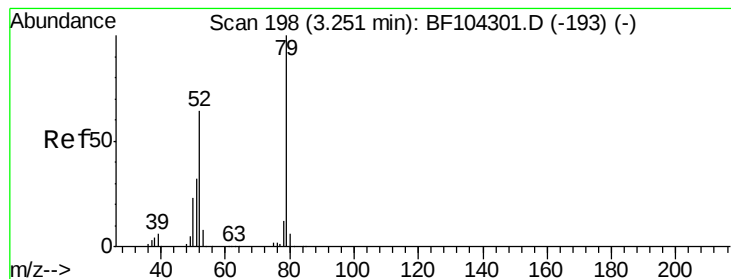


#2

1,4-Dioxane
Concen: 37.882 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	62.6	93.8
43	27.2	24.6	37.0





#3

Pvridine

Concen: 38.638 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tot Ion:	79	Resp:	459825
Ion Ratio	Lower	Upper	
79	100		
52	65.0	59.8	89.6
51	31.7	29.8	44.8

Instrument :

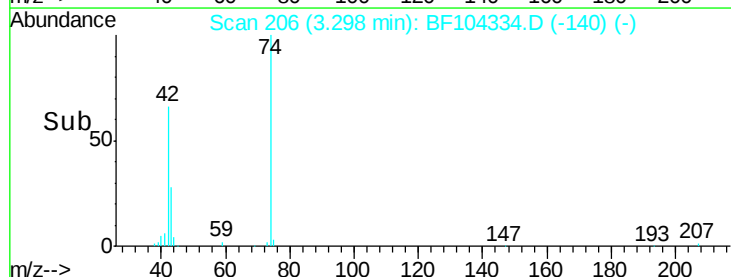
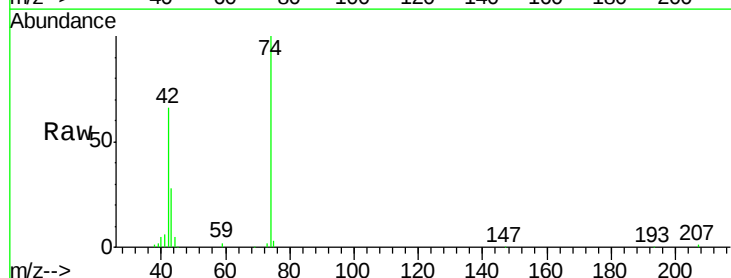
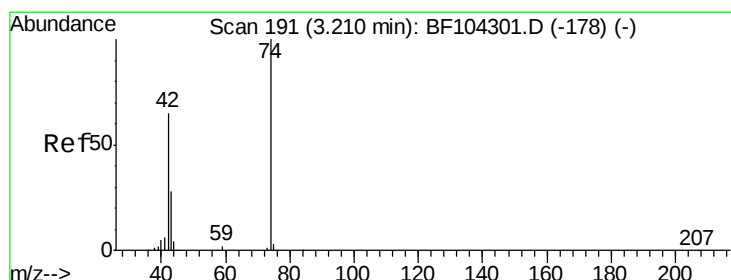
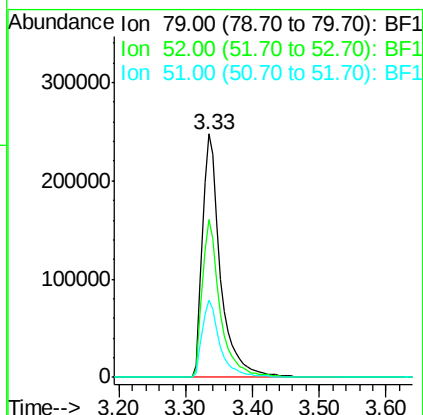
BNA_F

ClientSampleId :

PB108048BS

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#4

n-Nitrosodimethylamine

Concen: 44.440 ng

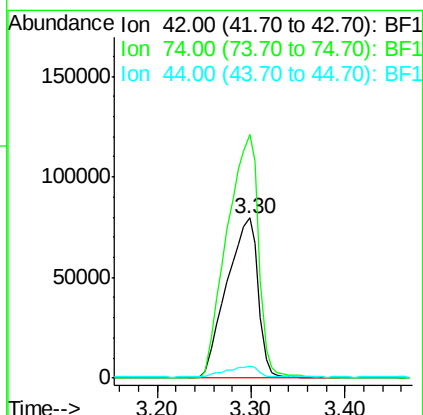
RT: 3.30 min Scan# 206

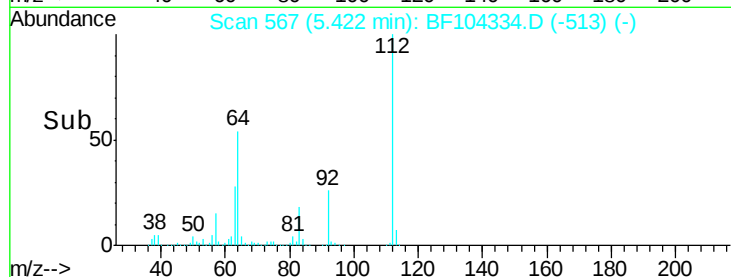
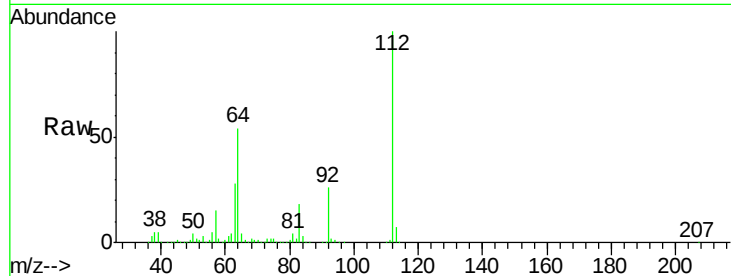
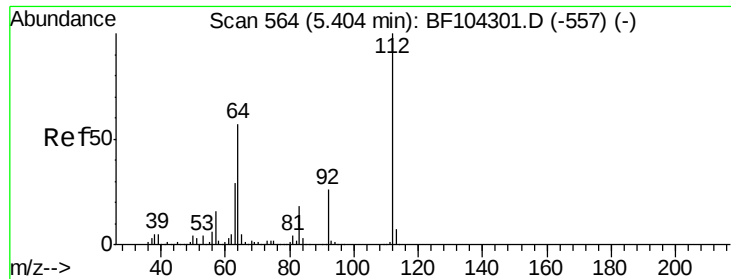
Delta R.T. 0.09 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	42	Resp:	184877
Ion Ratio	Lower	Upper	
42	100		
74	152.2	104.9	157.3
44	7.4	6.9	10.3





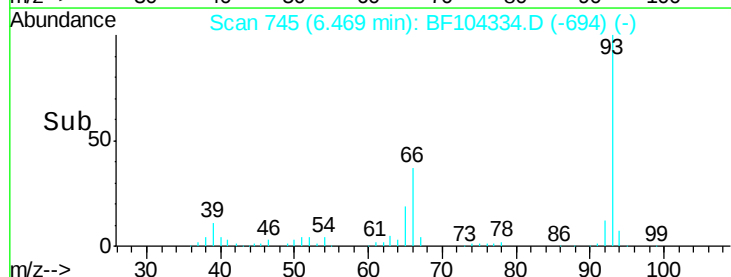
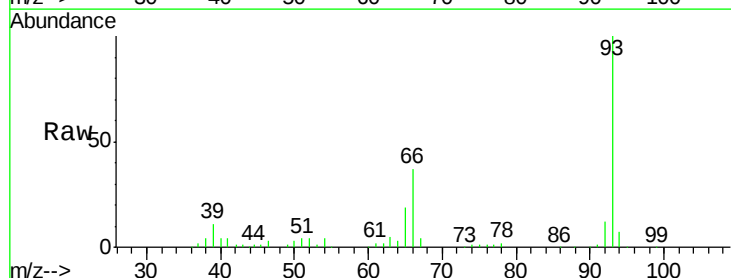
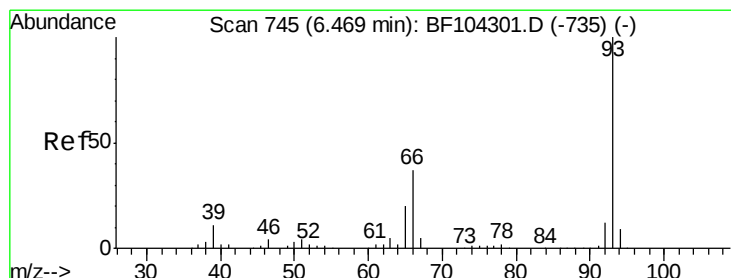
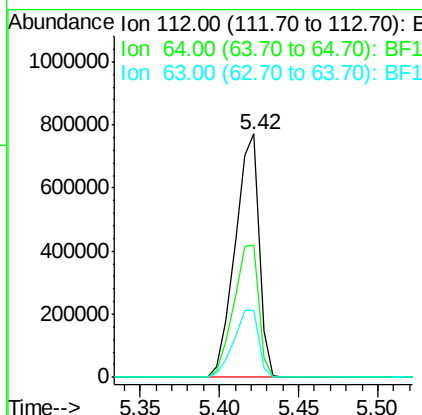
#5
2-Fluorophenol
Concen: 88.321 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tot Ion	Ratio	Resp	Lower	Upper
112	100	802319		
64	54.3		47.9	71.9
63	27.6		23.7	35.5

Instrument :
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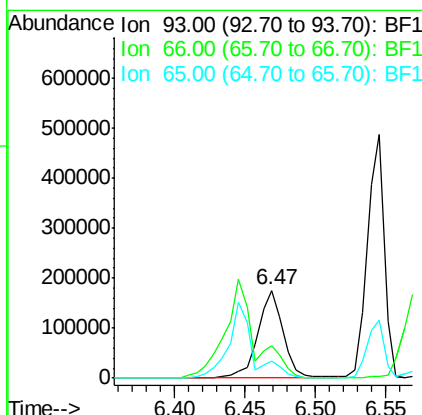
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#6
Aniline
Concen: 14.594 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	226314		
66	37.1		32.2	48.2
65	19.0		16.4	24.6





#7

Phenol-d6

Concen: 89.416 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

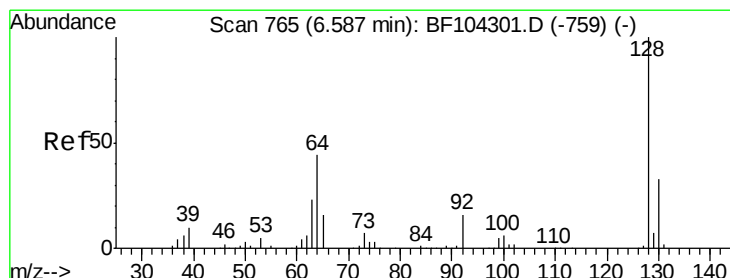
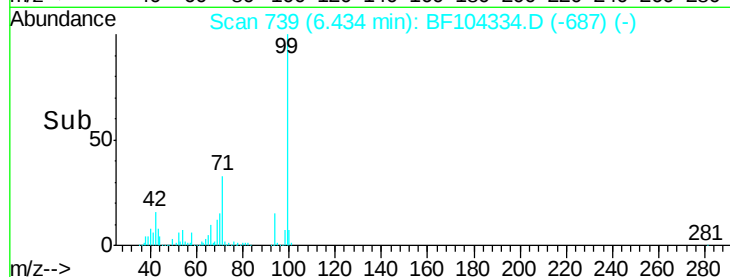
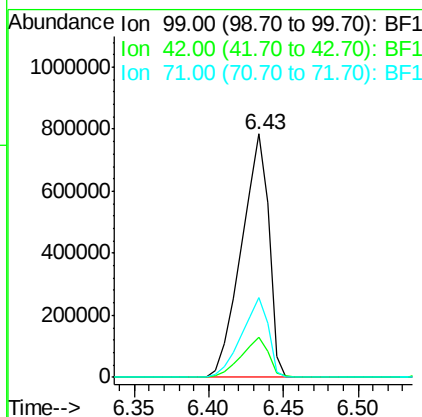
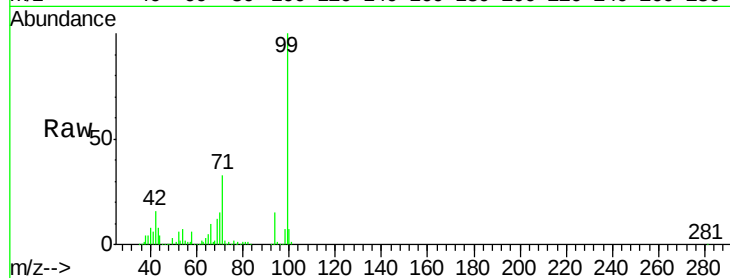
ClientSampleId :

PB108048BS

Tot Ion:	99	Resp:	998016
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	32.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 44.556 ng

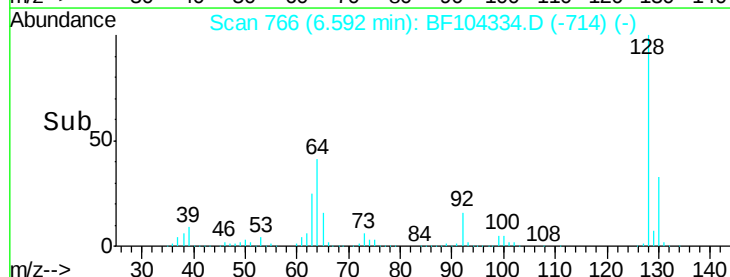
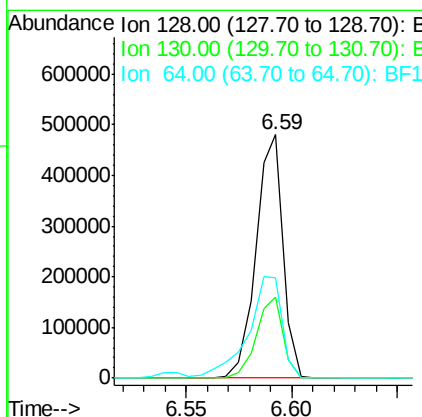
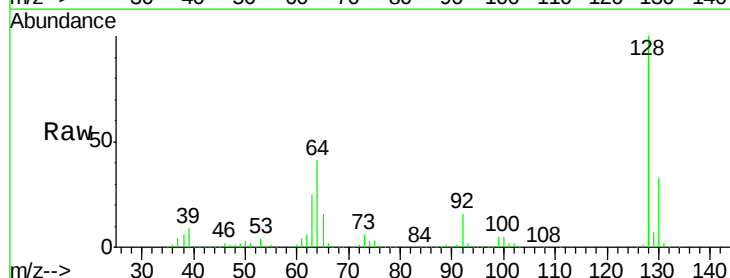
RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	128	Resp:	427204
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	41.4	29.4	69.4





#9

Benzaldehyde

Concen: 16.279 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

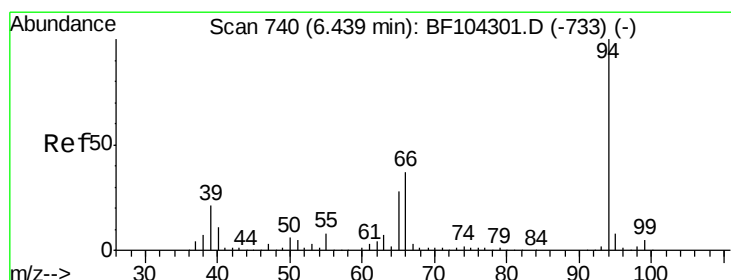
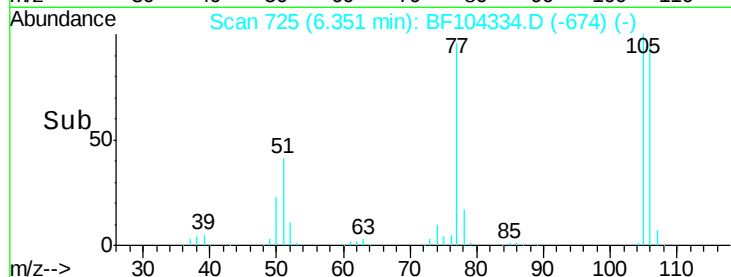
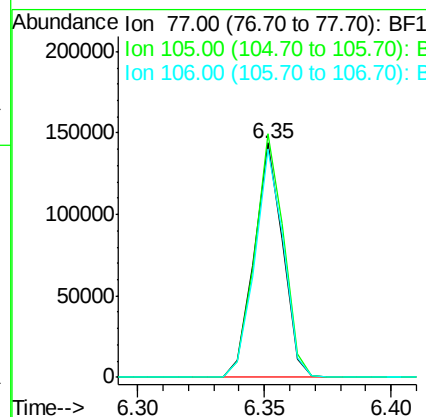
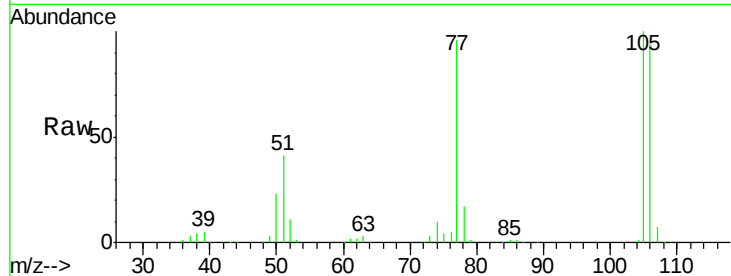
ClientSampleId :

PB108048BS

Tot Ion:	77	Resp:	113529
Ion Ratio	Lower	Upper	
77	100		
105	104.0	81.1	121.1
106	97.3	74.5	114.5

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#10

Phenol

Concen: 44.048 ng

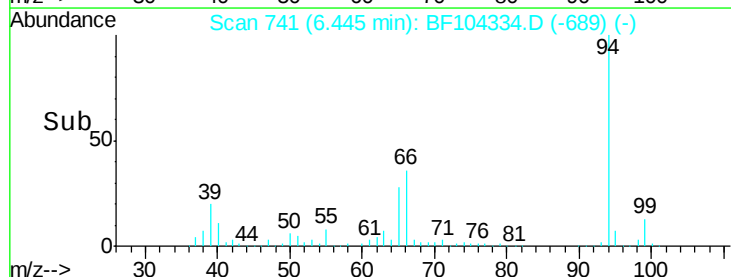
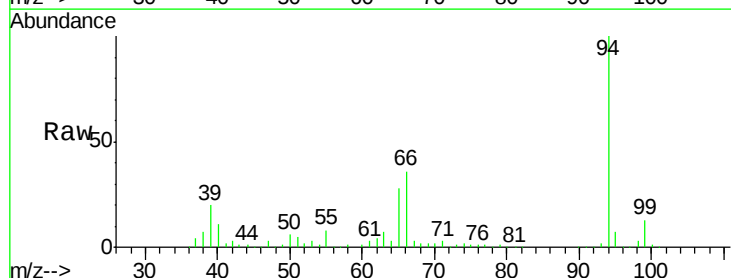
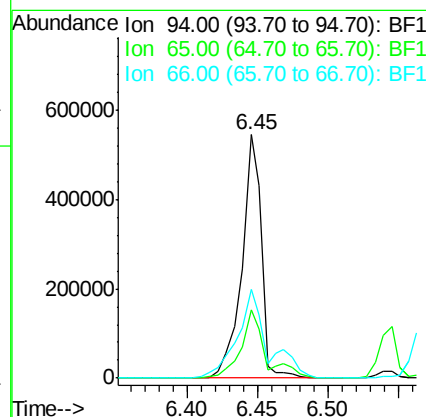
RT: 6.45 min Scan# 741

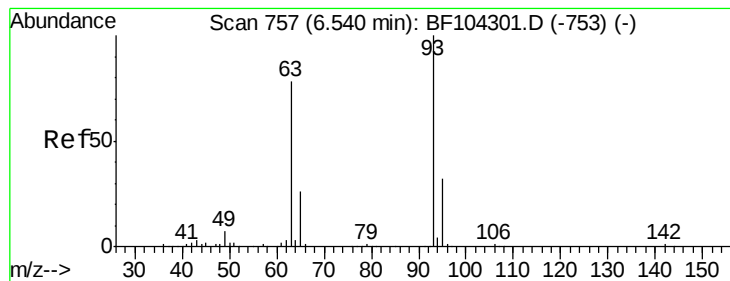
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	94	Resp:	521652
Ion Ratio	Lower	Upper	
94	100		
65	27.8	7.9	47.9
66	36.5	16.2	56.2





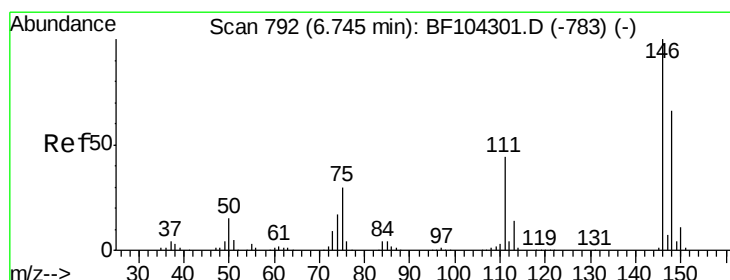
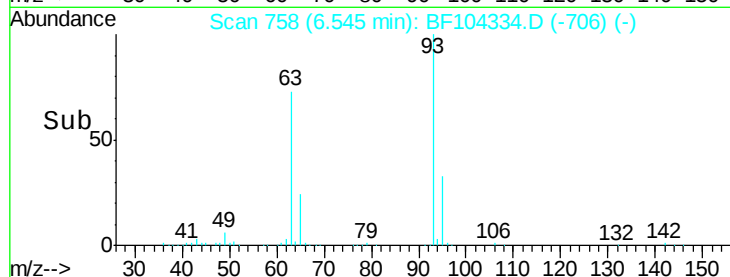
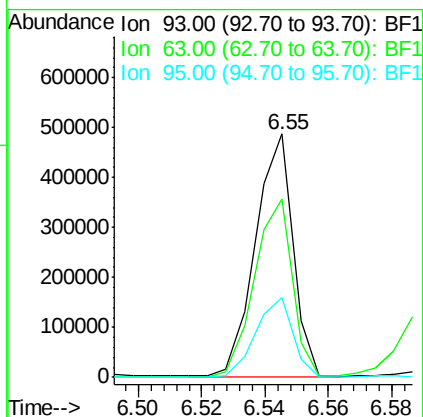
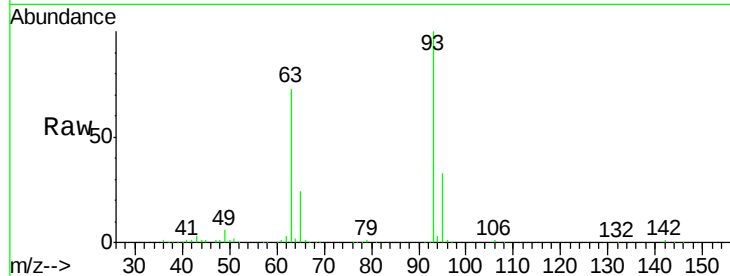
#11
bis(2-Chloroethyl)ether
Concen: 42.310 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.6	98.6
95	32.8	11.8	51.8

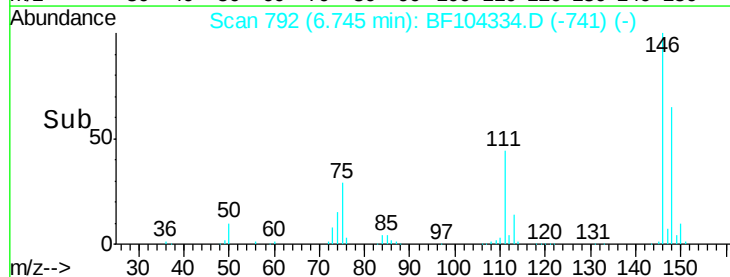
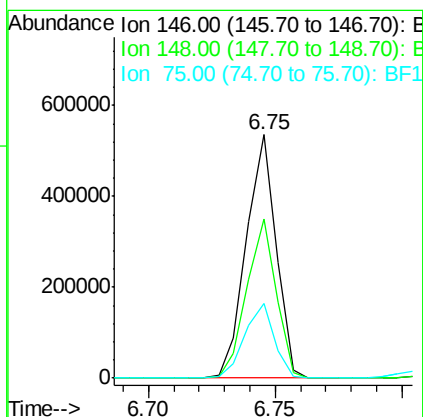
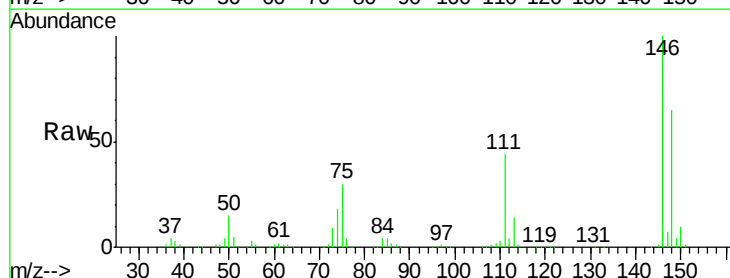
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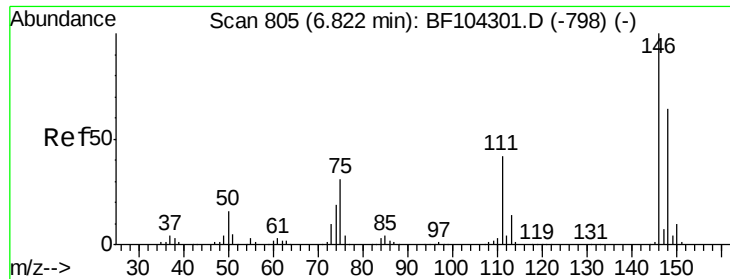
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#12
1,3-Dichlorobenzene
Concen: 40.513 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	30.4	24.2	36.4





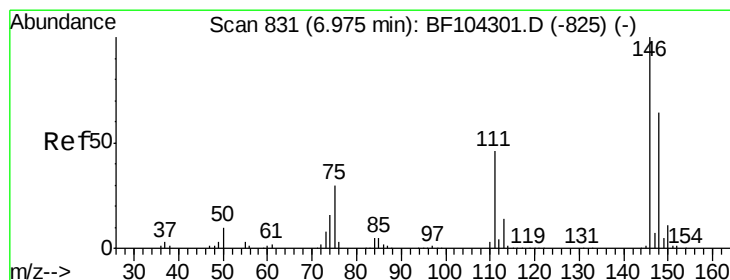
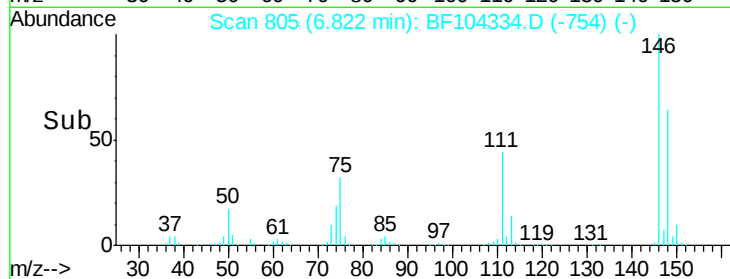
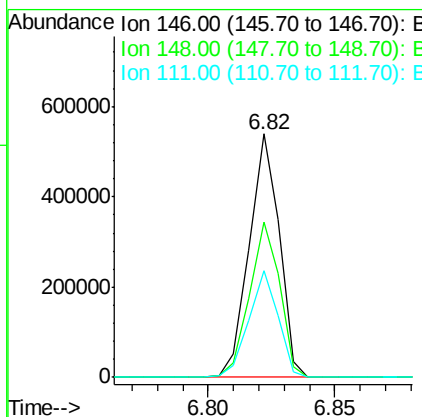
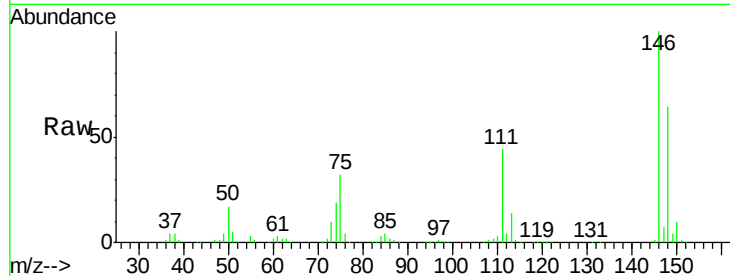
#13
 1,4-Dichlorobenzene
 Concen: 41.092 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	43.6	34.2	51.2

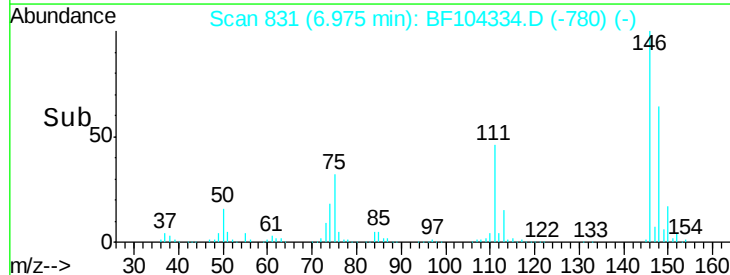
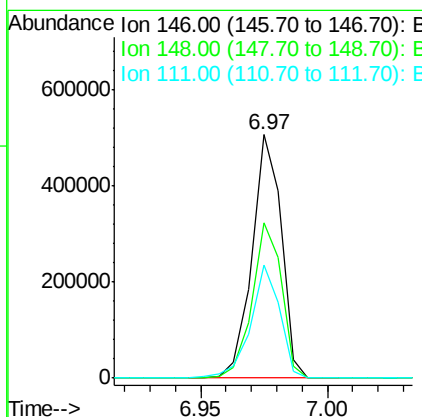
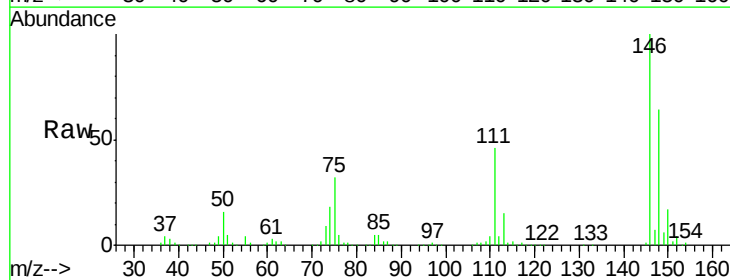
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#14
 1,2-Dichlorobenzene
 Concen: 40.550 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	46.3	36.0	54.0





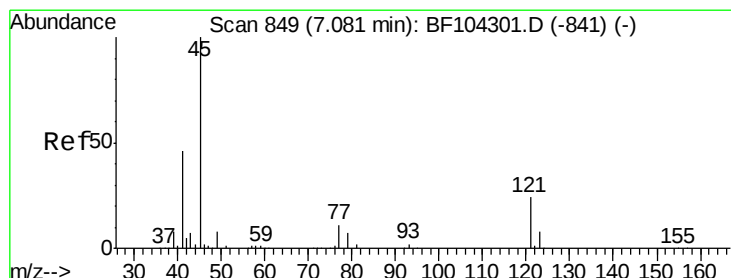
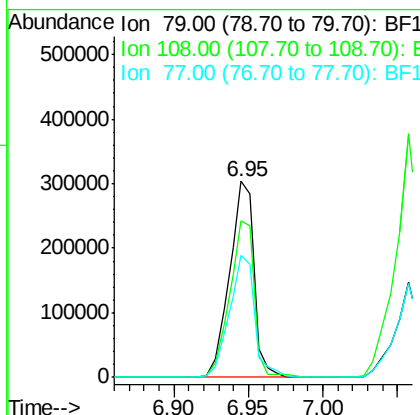
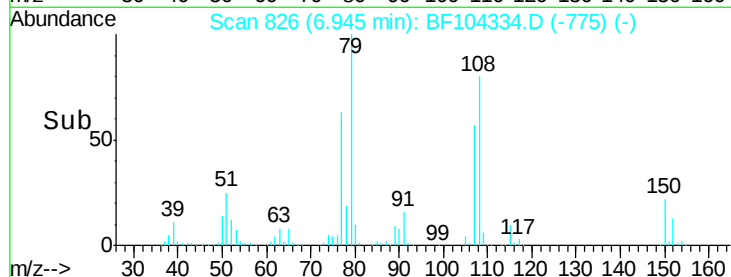
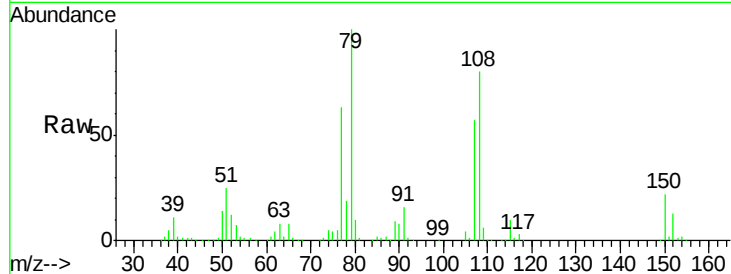
#15
Benzyl Alcohol
Concen: 41.449 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleID :
PB108048BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	62.5	50.6	75.8

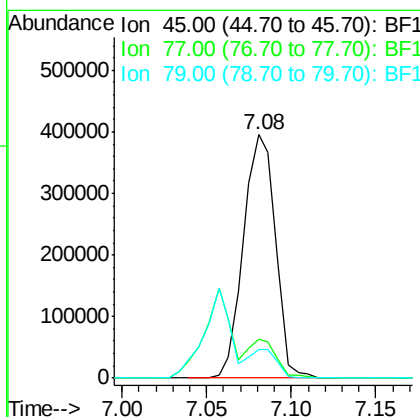
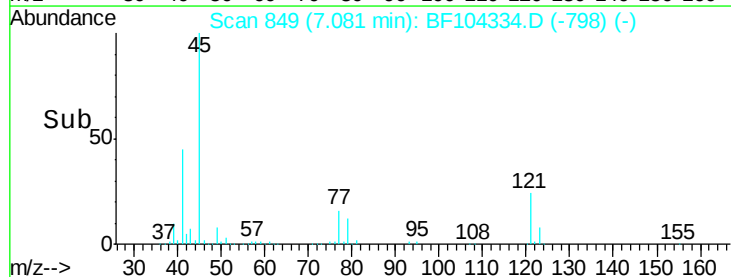
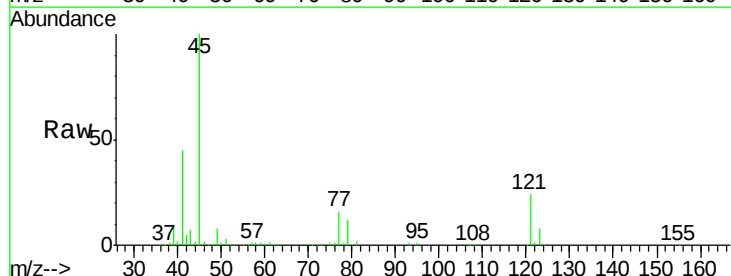
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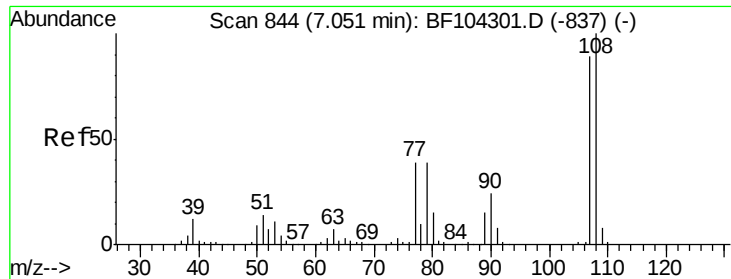
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.087 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	32.9
79	11.9	0.0	29.6





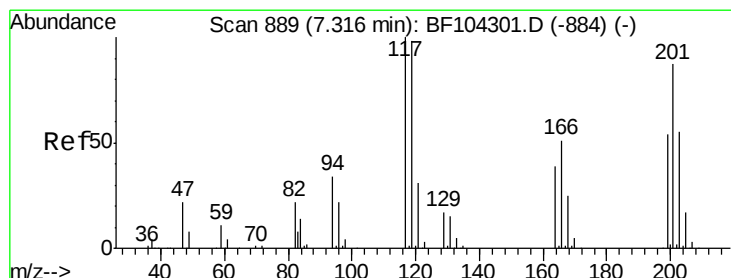
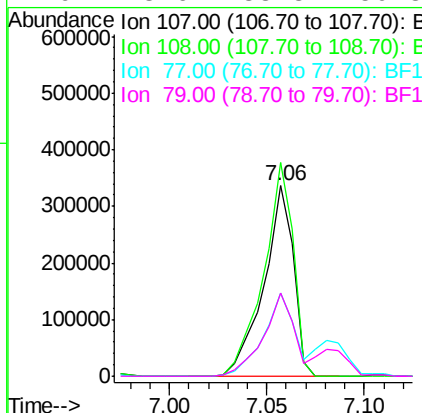
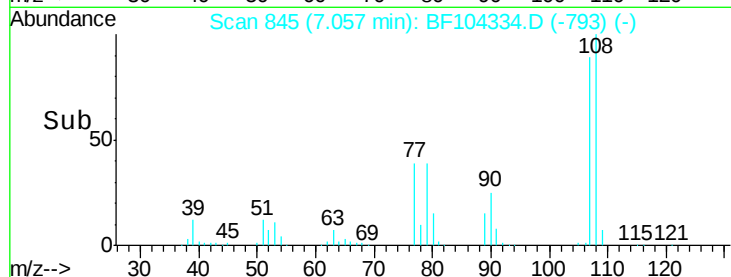
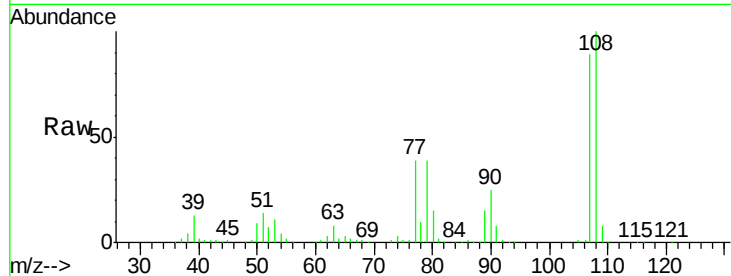
#17
2-Methylphenol
Concen: 42.489 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion:	107	Resp:	354121
Ion Ratio	Lower	Upper	
107	100		
108	112.0	91.7	137.5
77	43.4	33.8	50.8
79	43.6	33.8	50.8

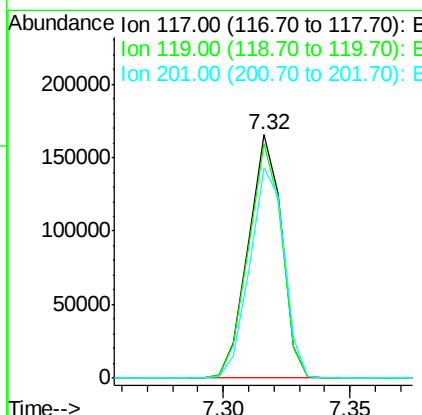
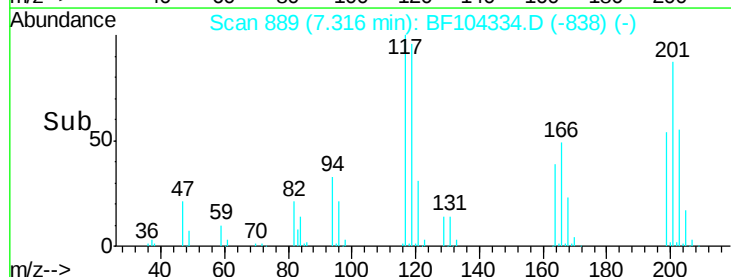
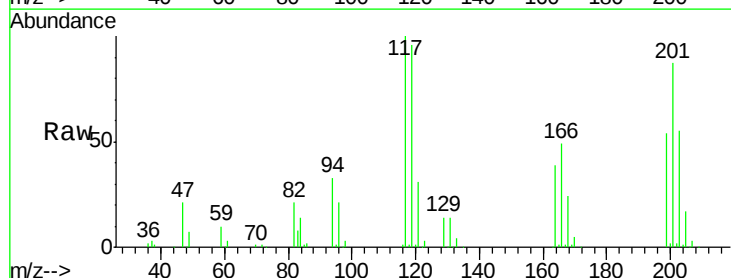
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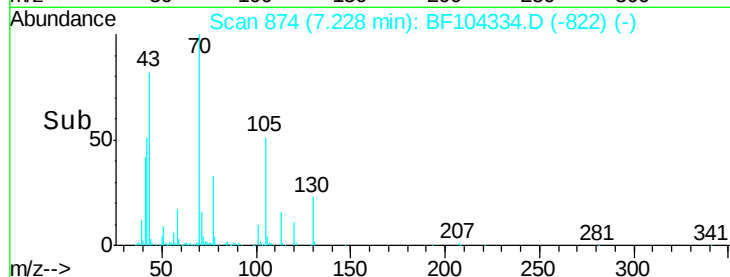
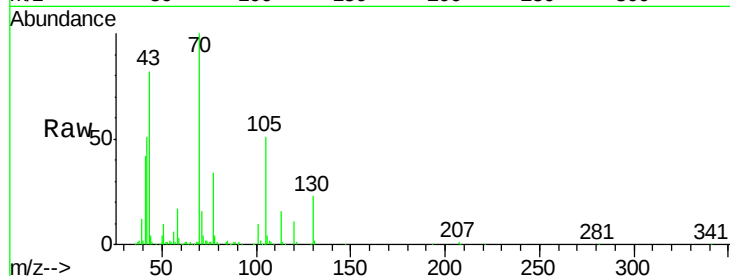
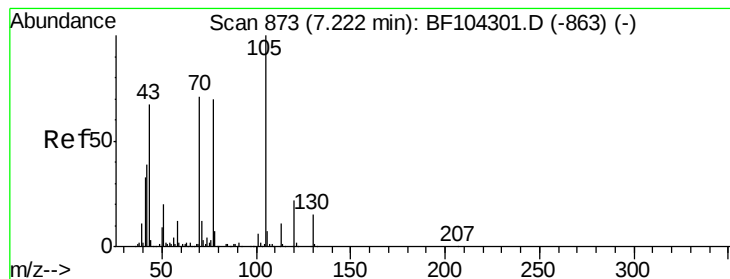
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#18
Hexachloroethane
Concen: 39.426 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion:	117	Resp:	152205
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.8	113.8
201	86.6	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.071 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

Tot Ion: 70 Resp: 284970

Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 9.6 7.4 11.2

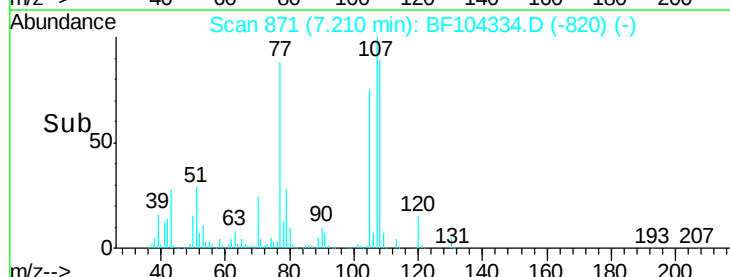
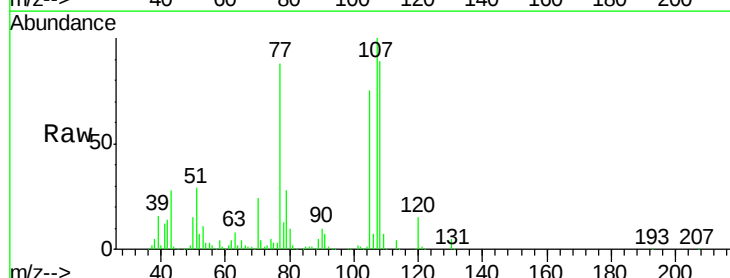
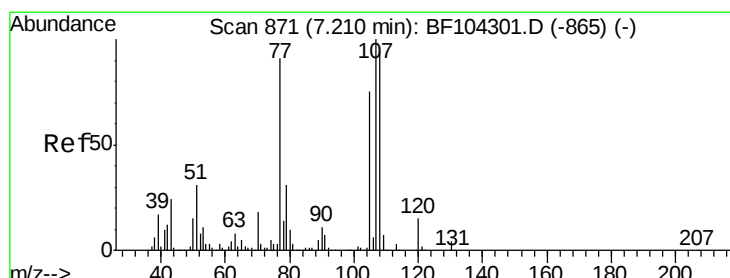
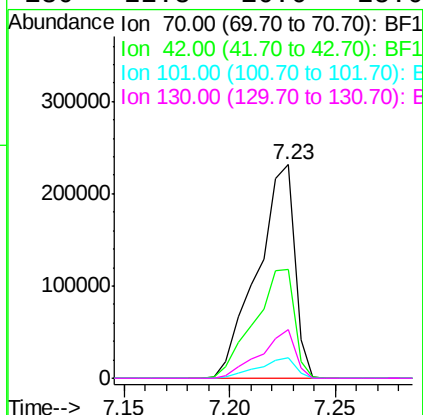
130 22.8 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.095 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion: 107 Resp: 414450

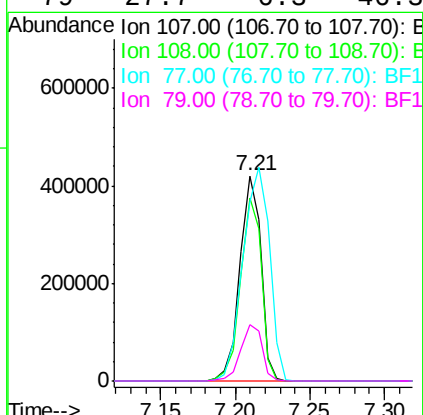
Ion Ratio Lower Upper

107 100

108 89.4 68.2 108.2

77 87.6 26.7 66.7#

79 27.7 6.3 46.3





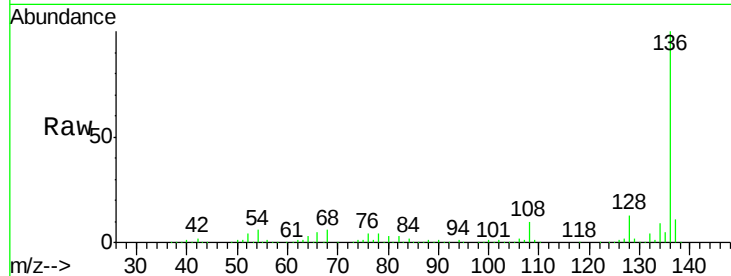
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

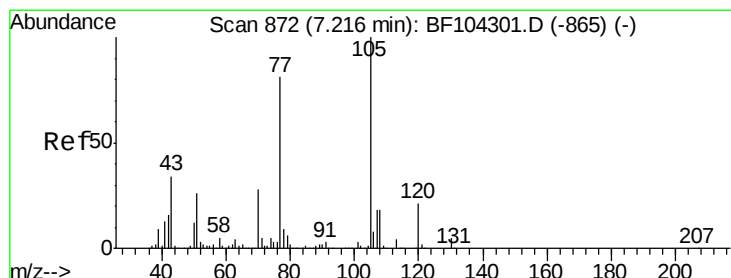
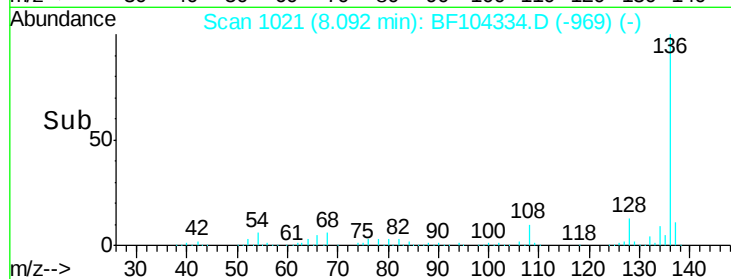
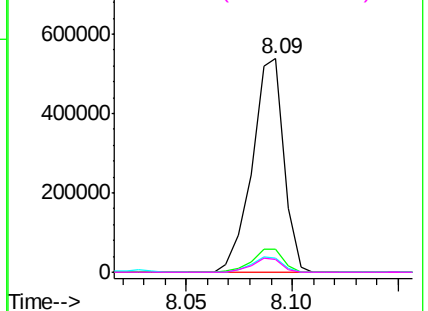
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.4	6.6	9.8#
68	5.7	5.0	7.4

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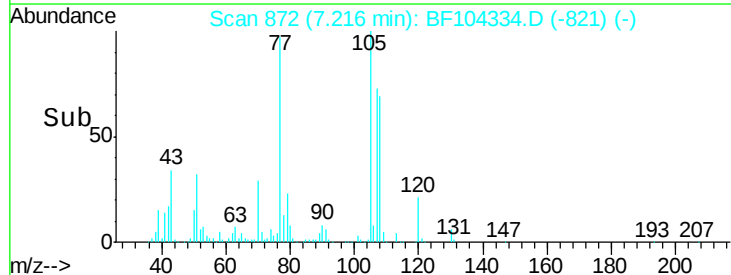
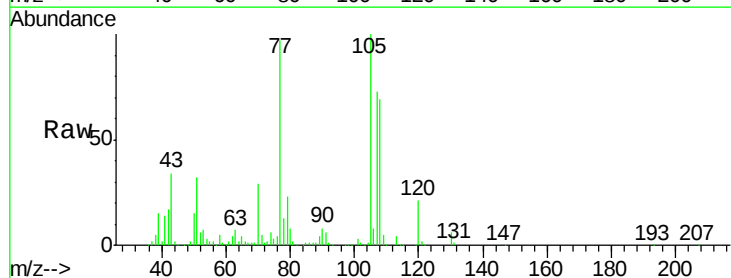
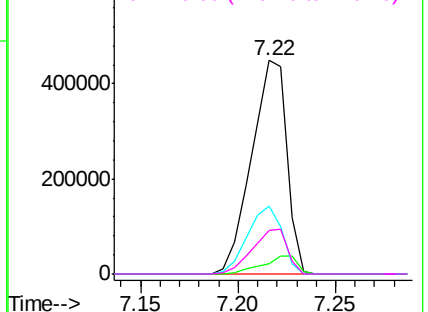
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

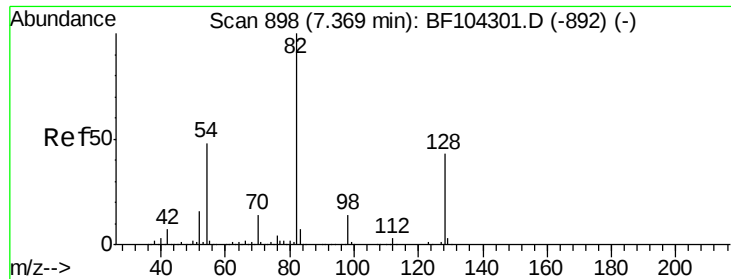


#22
Acetophenone
Concen: 40.549 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.7	4.4	6.6
51	31.5	22.3	33.5
120	20.6	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





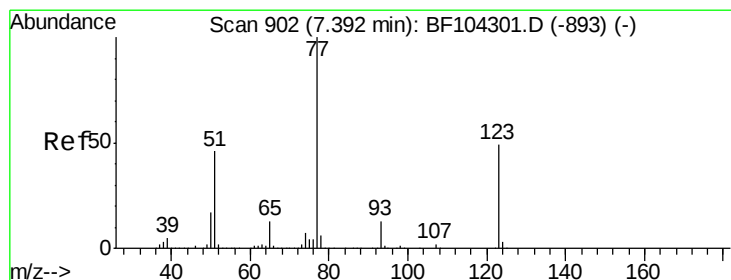
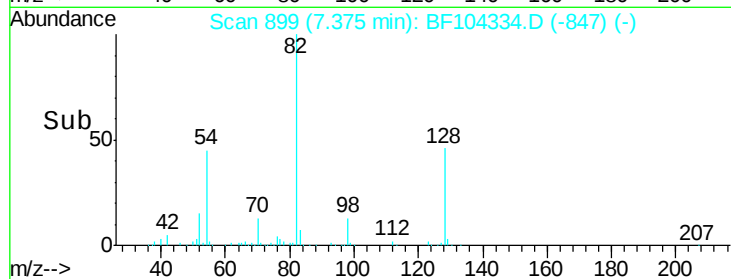
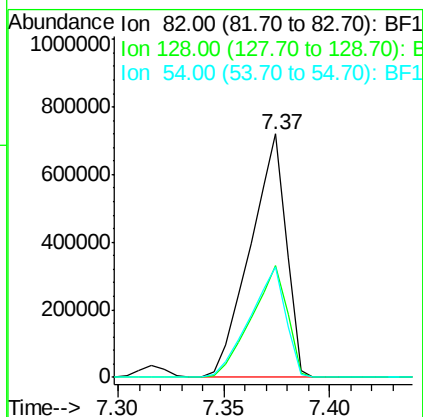
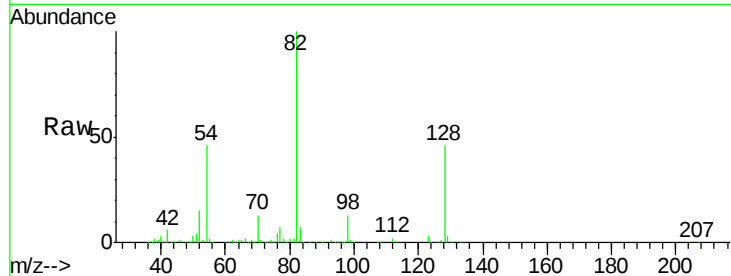
#23
 Nitrobenzene-d5
 Concen: 99.115 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleID :
 PB108048BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	45.6	41.4	62.2

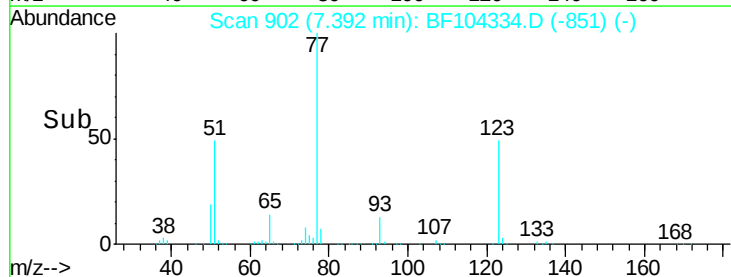
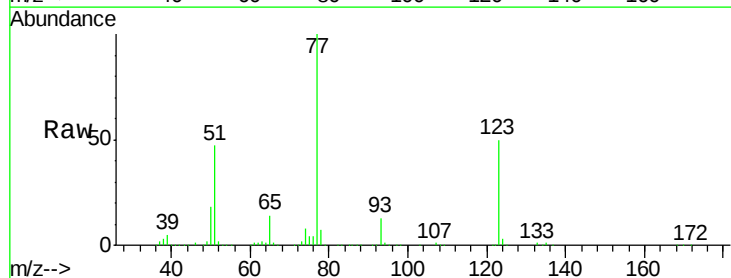
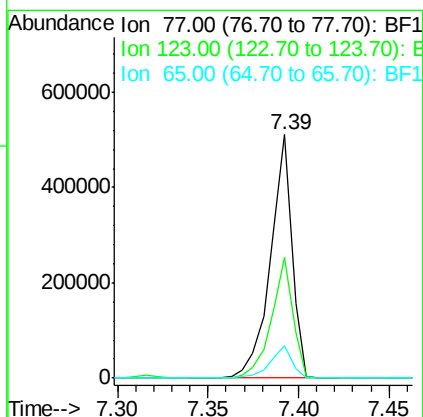
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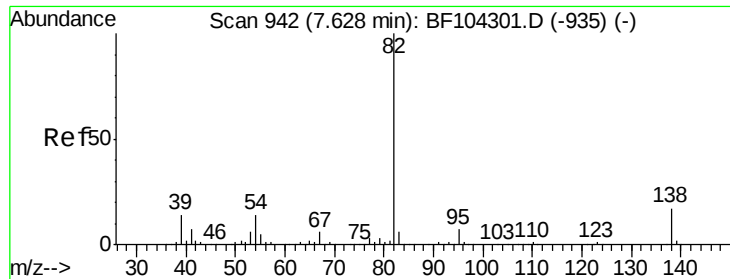
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#24
 Nitrobenzene
 Concen: 44.466 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 44.075 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

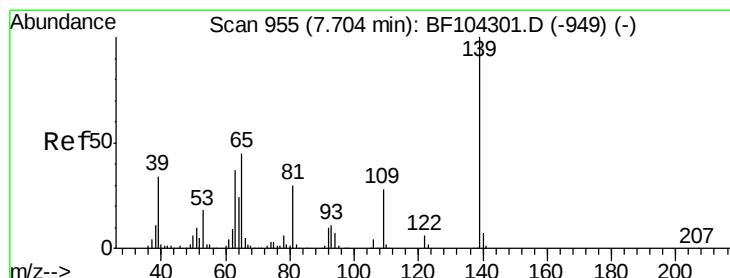
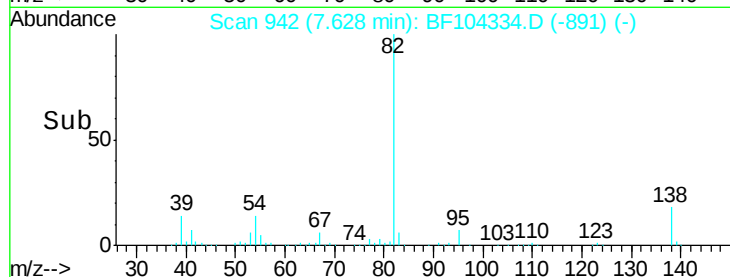
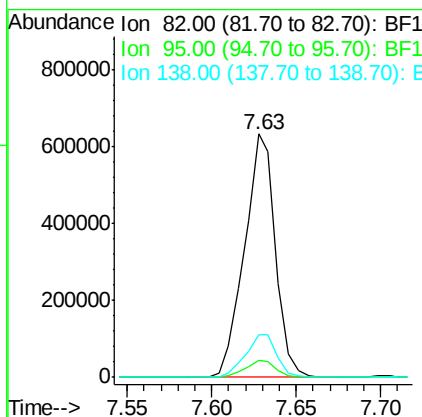
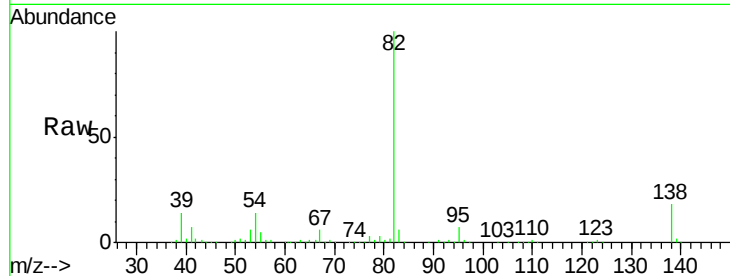
ClientSampleId :

PB108048BS

Tot Ion:	82	Resp:	802573
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 54.417 ng

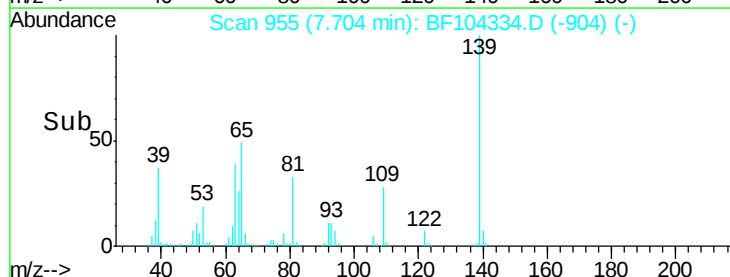
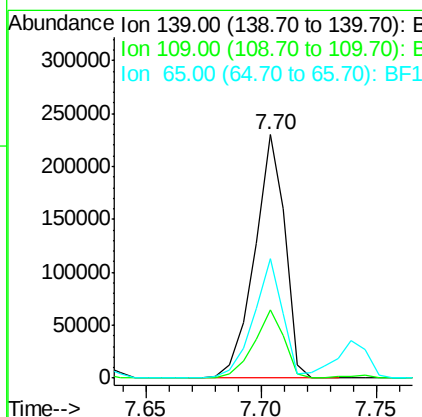
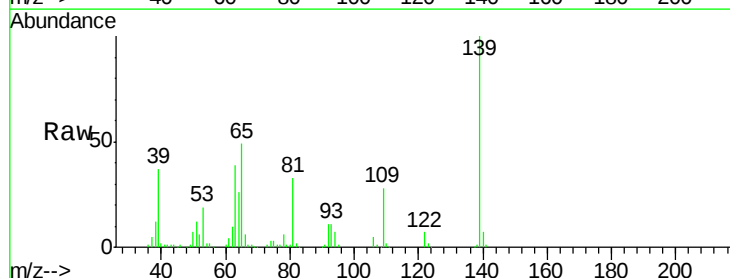
RT: 7.70 min Scan# 955

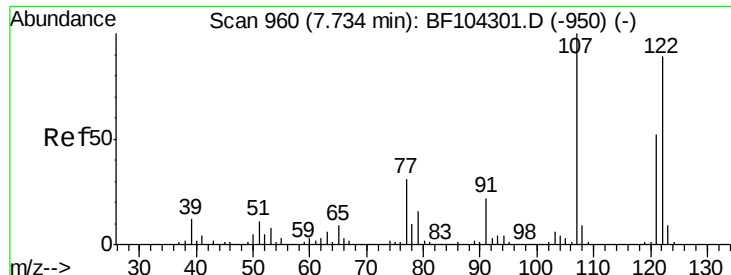
Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	139	Resp:	210616
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	49.2	40.5	60.7





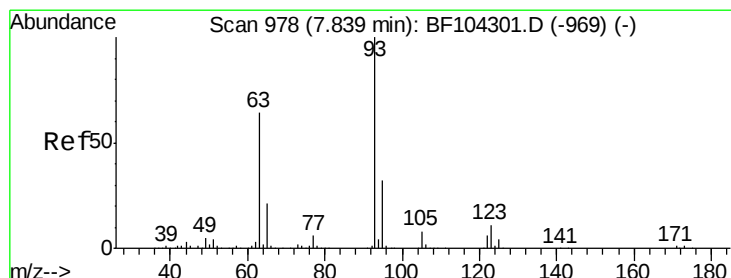
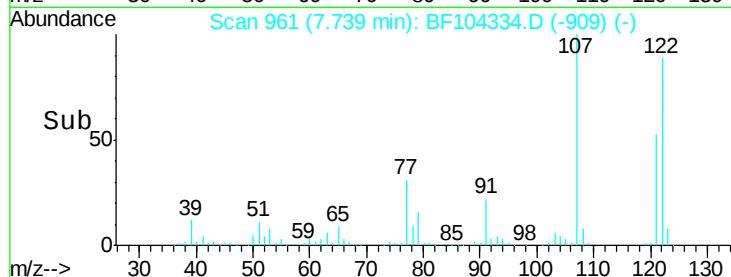
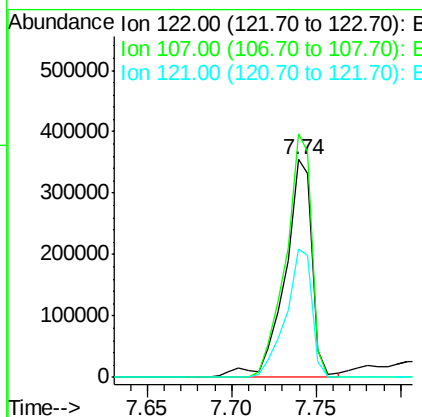
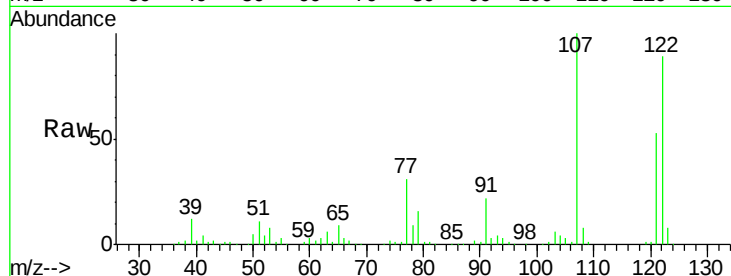
#27
2,4-Dimethylphenol
Concen: 49.866 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		400740		
107	111.9	91.2		136.8	
121	58.8	47.2		70.8	

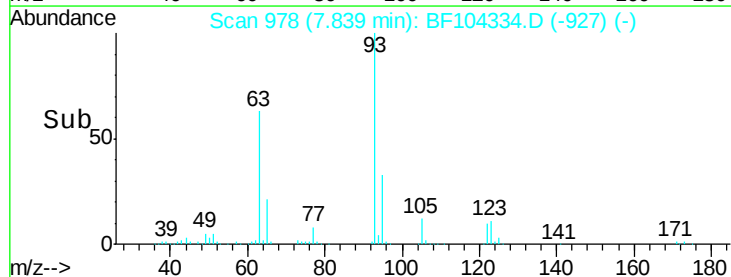
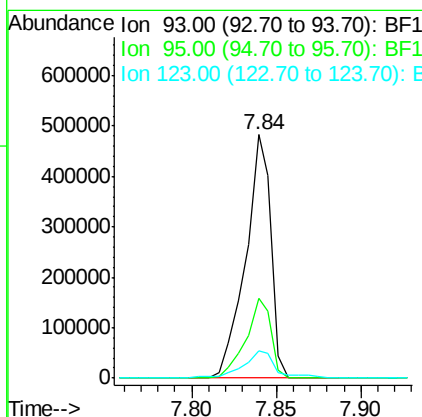
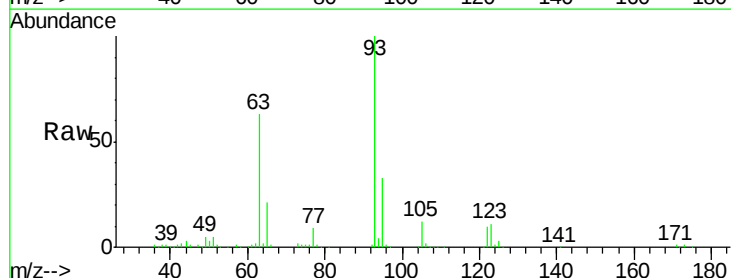
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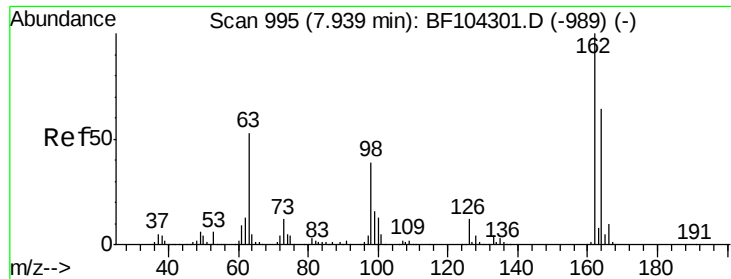
Sohil
4/9/2018 11:18:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.464 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		506165		
95	32.9	26.3		39.5	
123	11.4	9.8		14.6	





#29

2,4-Dichlorophenol

Concen: 44.591 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

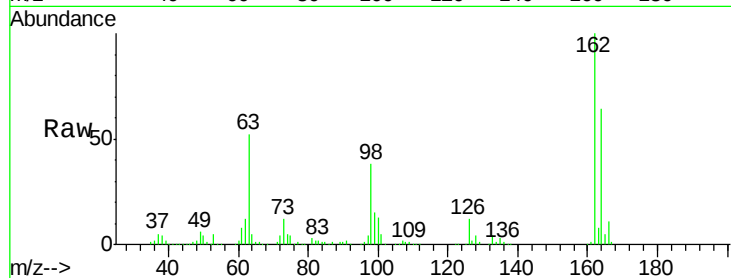
ClientSampled :

PB108048BS

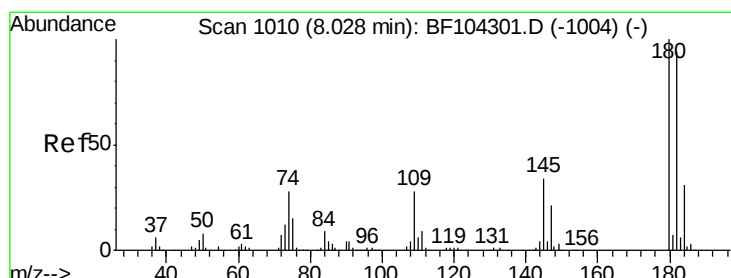
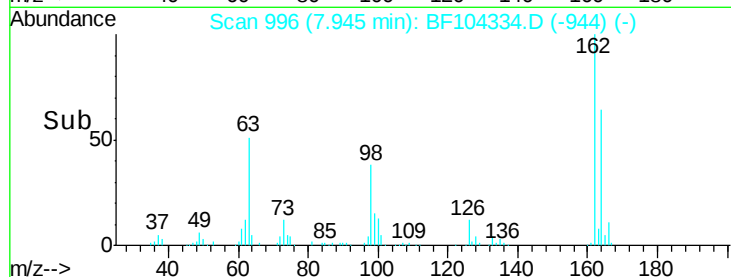
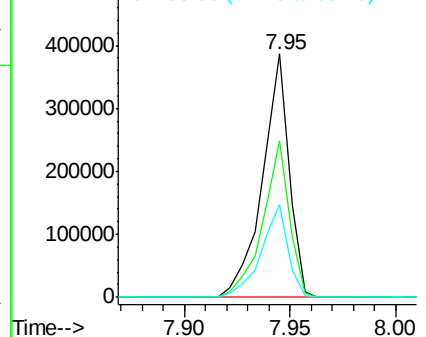
Tot Ion:	162	Resp:	341917
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	37.8	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 41.491 ng

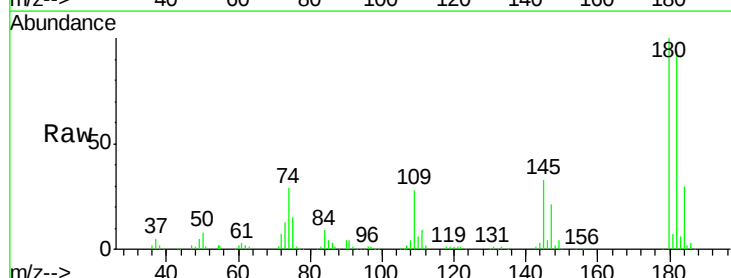
RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

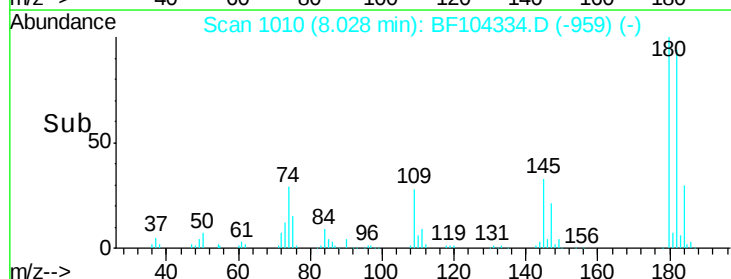
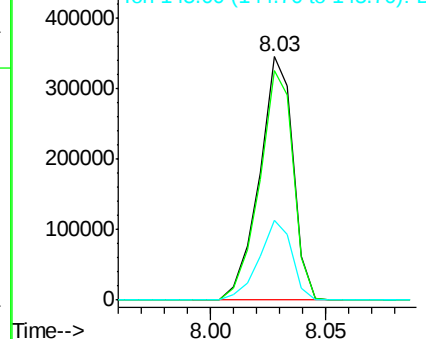
Lab File: BF104334.D

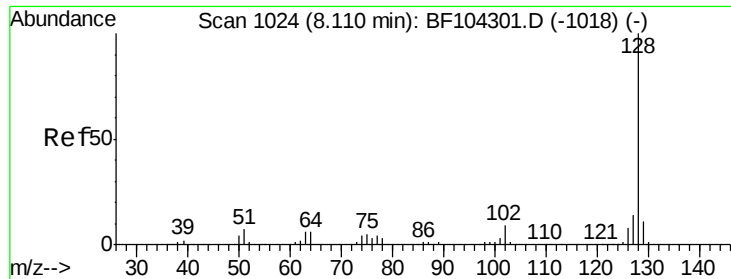
Acq: 7 Apr 2018 4:08

Tgt Ion:	180	Resp:	349156
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	32.8	26.5	39.7



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





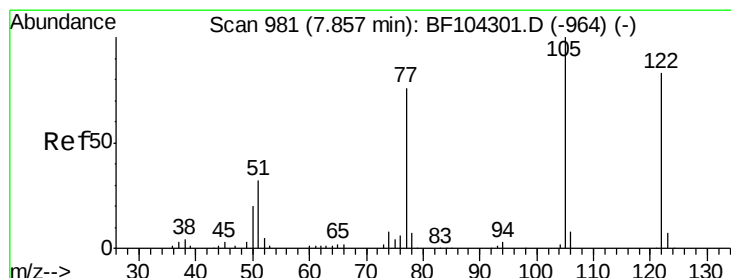
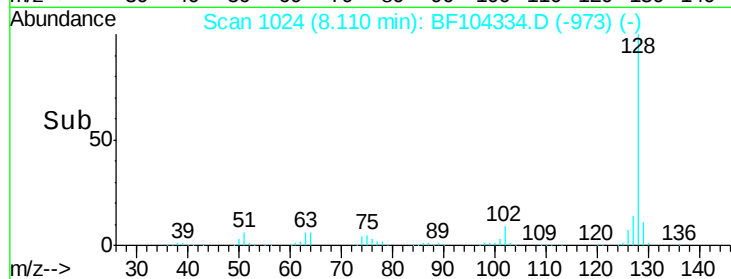
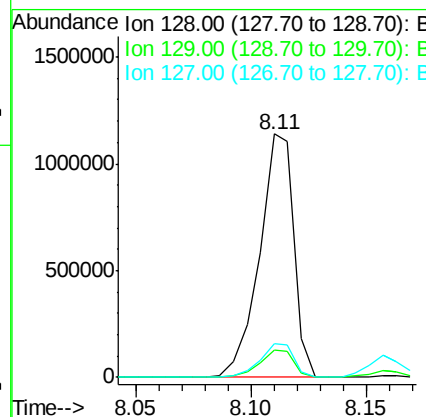
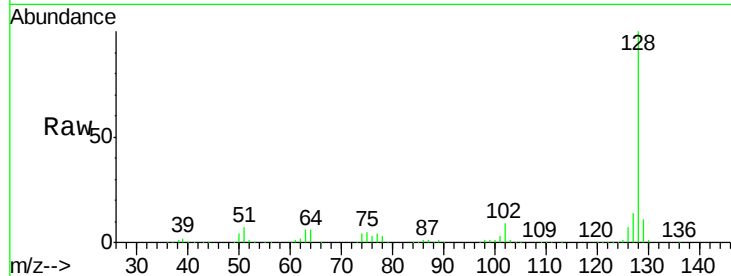
#31
Naphthalene
Concen: 42.108 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.8	10.9	16.3

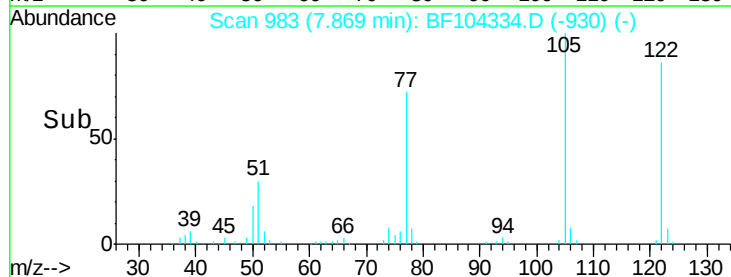
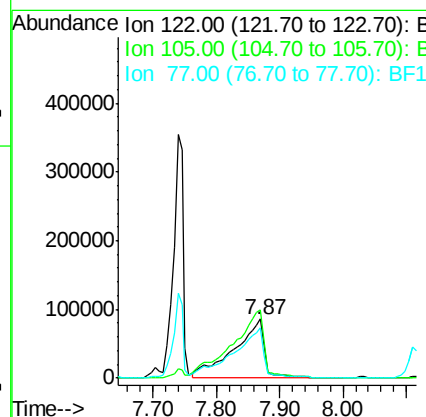
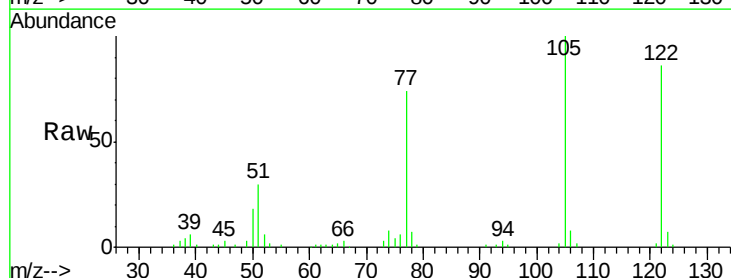
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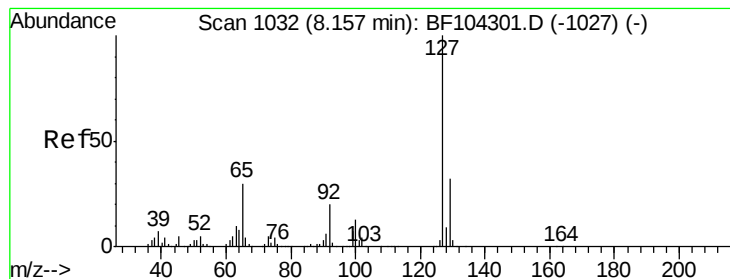
Sohil
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#32
Benzoic acid
Concen: 44.004 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.3	101.1	141.1
77	85.6	70.7	110.7





#33

4-Chloroaniline

Concen: 9.521 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

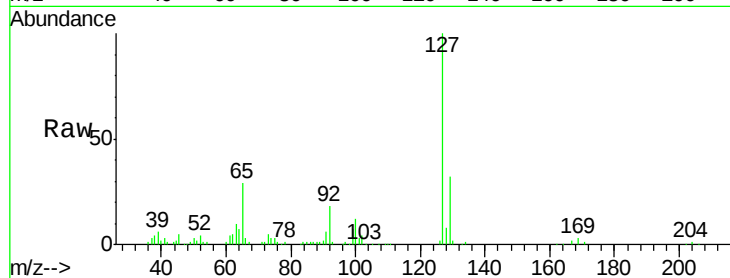
ClientSampleId :

PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	28.8	25.0	37.4	
92	17.6	15.2	22.8	

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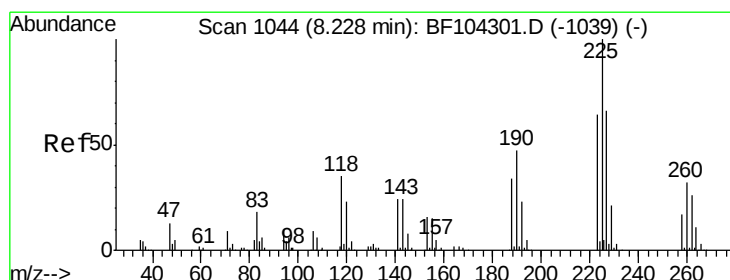
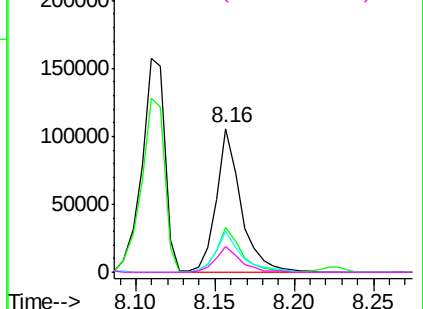
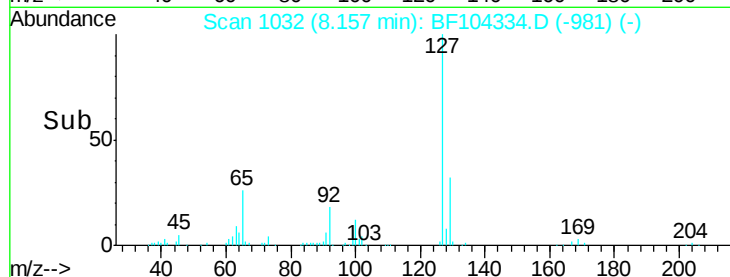
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.723 ng

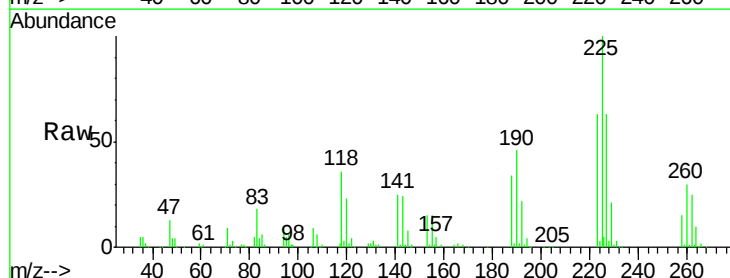
RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.6	76.0	
227	62.9	51.9	77.9	

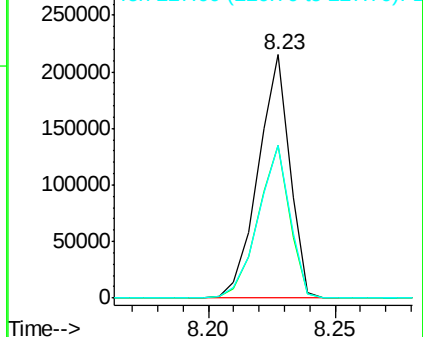
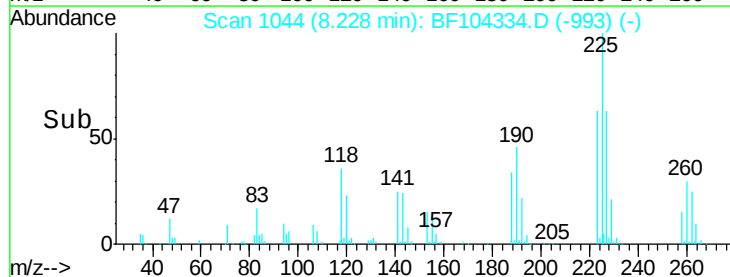


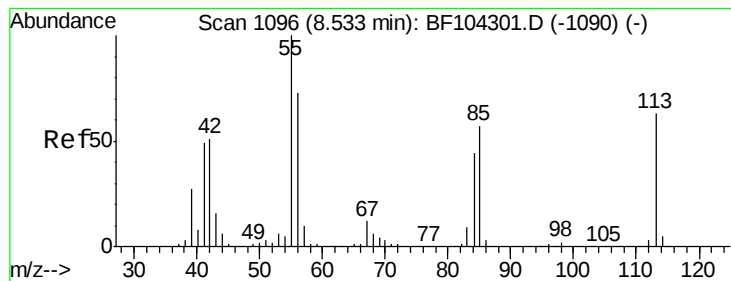
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.274 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleID :

PB108048BS

Tot Ion:113 Resp: 115756

Ion Ratio Lower Upper

113 100

55 159.8 163.3 203.3#

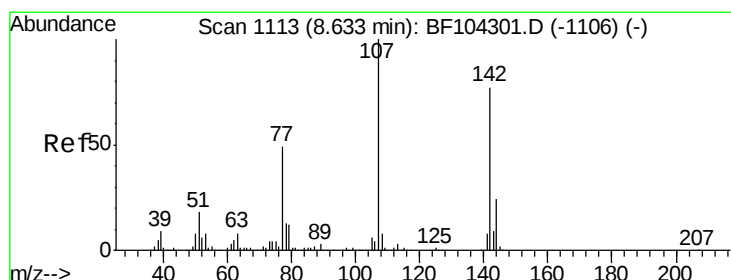
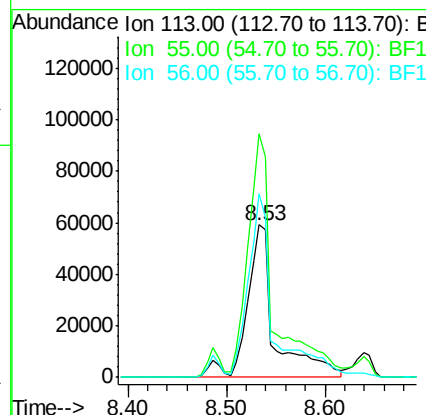
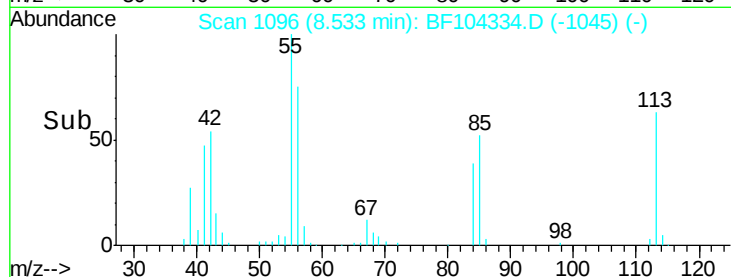
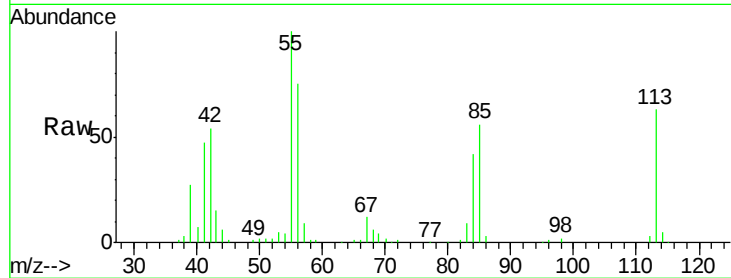
56 120.1 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 44.831 ng/mL

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

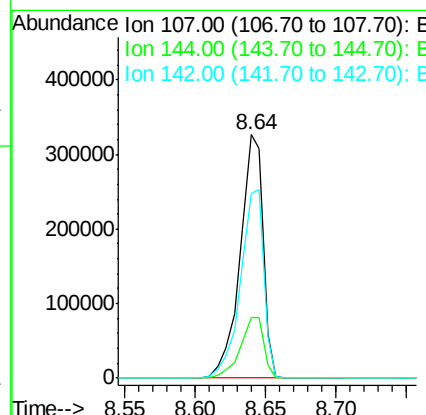
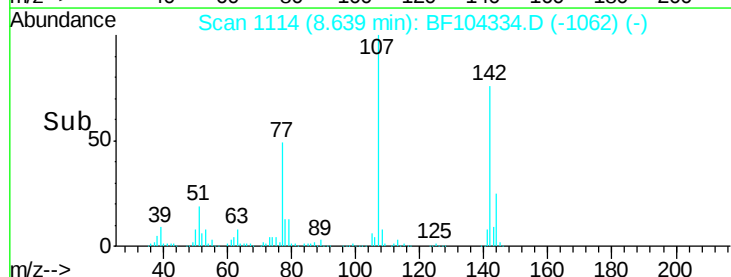
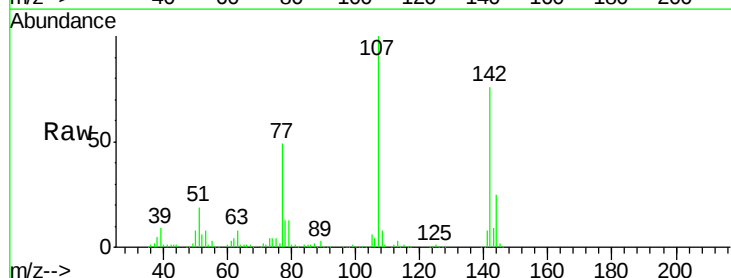
Tgt Ion:107 Resp: 368597

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

142 76.0 62.0 93.0





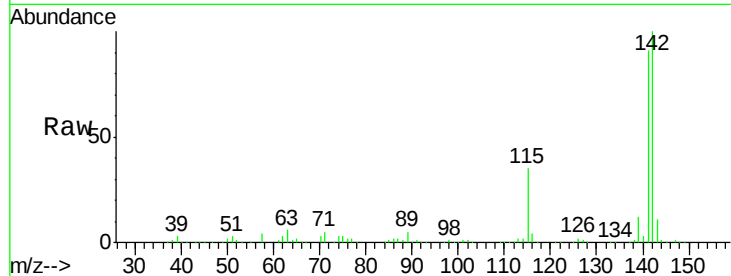
#37
2-Methylnaphthalene
Concen: 42.442 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleID :
PB108048BS

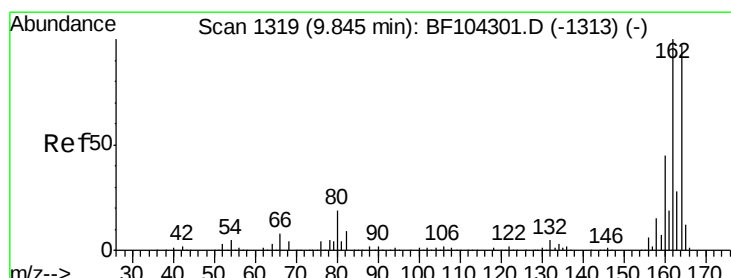
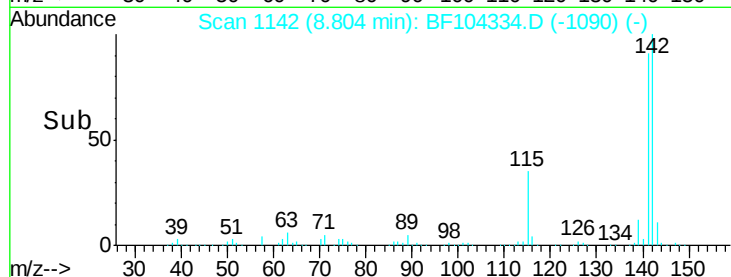
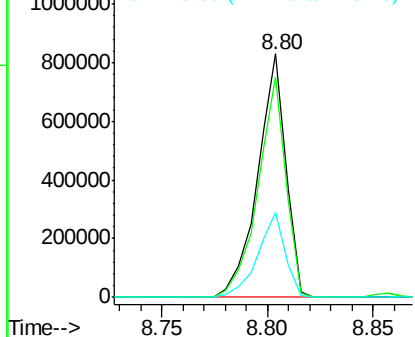
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	35.0	26.1	39.1

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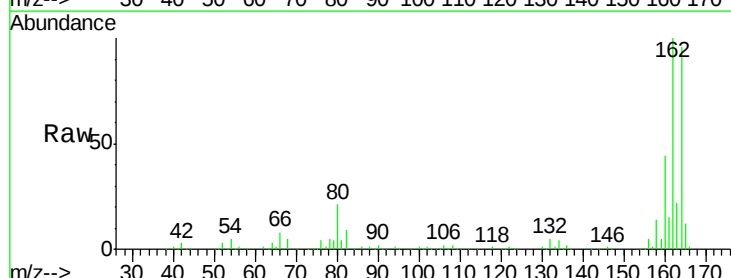


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

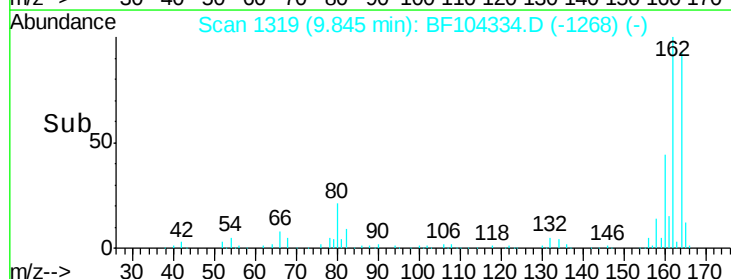
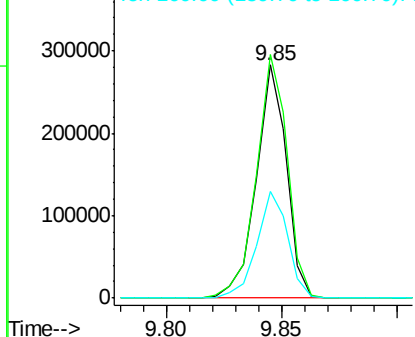


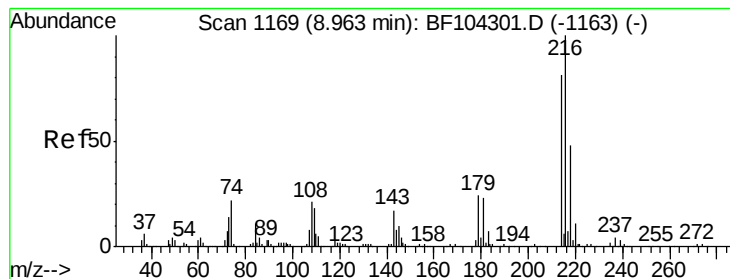
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.492 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

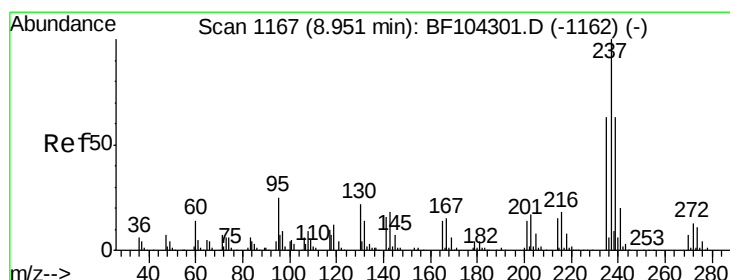
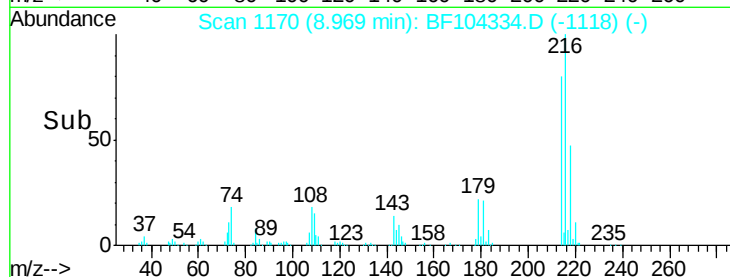
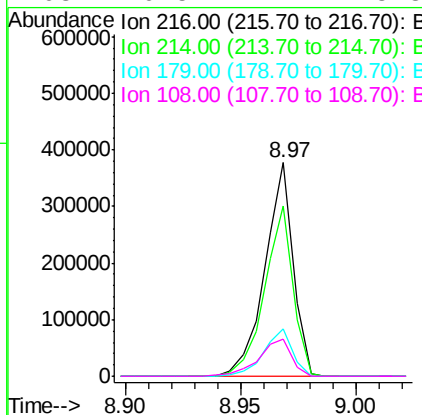
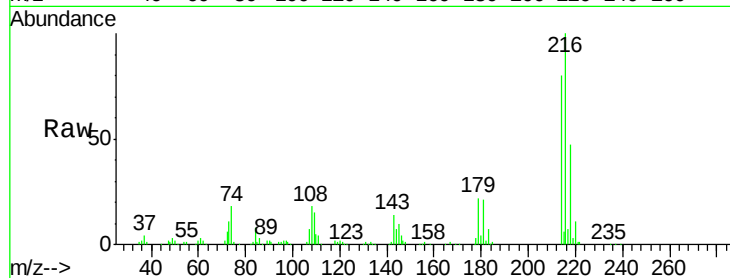
ClientSampleId :

PB108048BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.5	18.1	27.1
108	20.5	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 33.231 ng

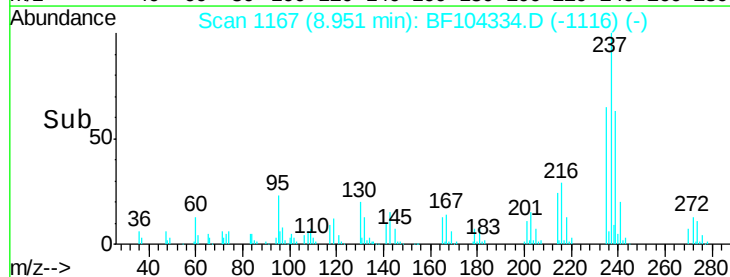
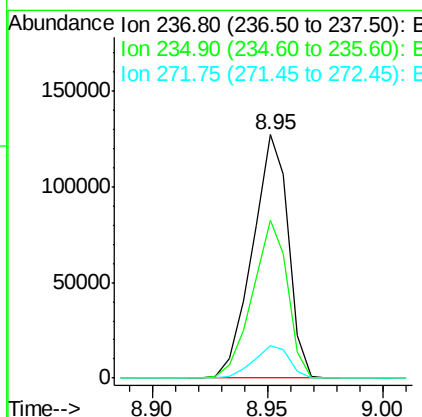
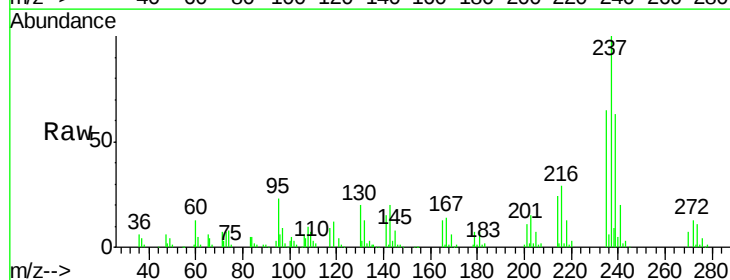
RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	44.8	84.8
272	13.3	0.0	33.3





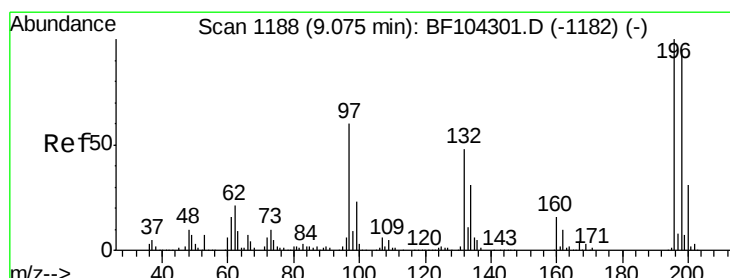
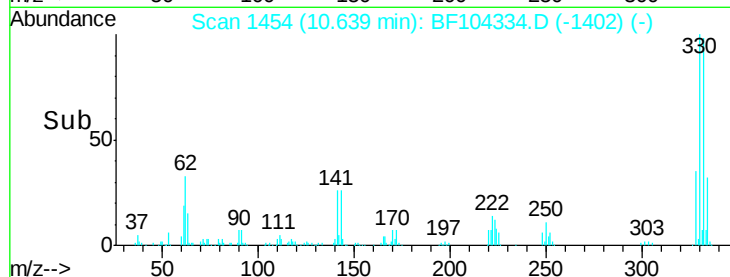
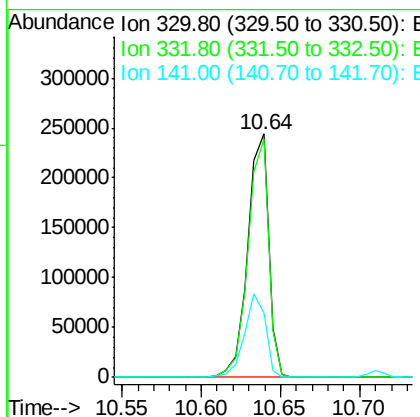
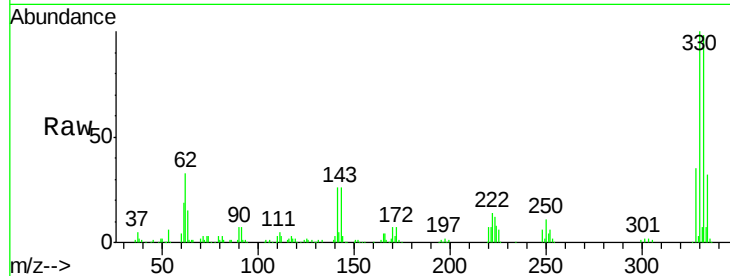
#41
 2,4,6-Tribromophenol
 Concen: 83.720 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	34.2	29.9	44.9	

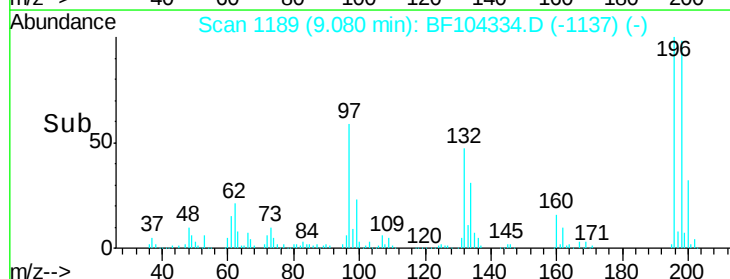
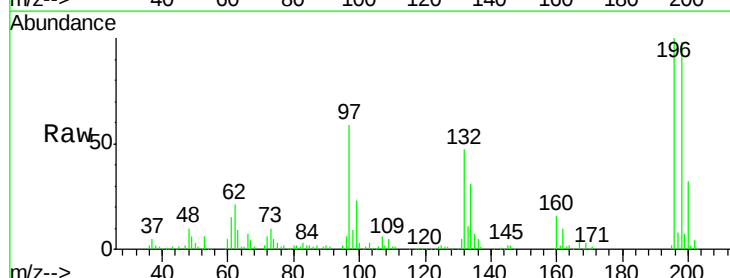
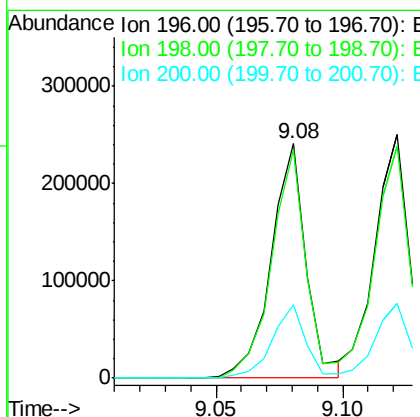
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#42
 2,4,6-Trichlorophenol
 Concen: 45.530 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	75.7	113.5	
200	31.6	24.5	36.7	





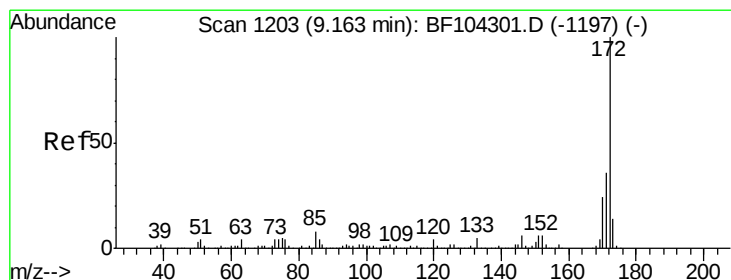
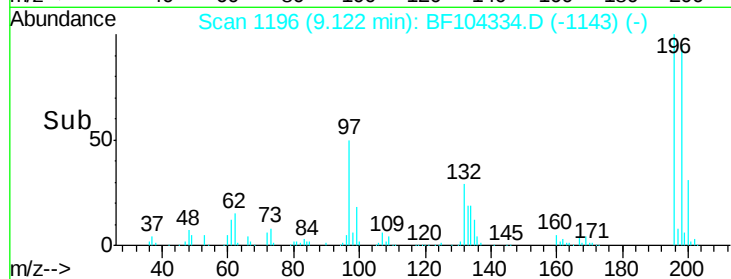
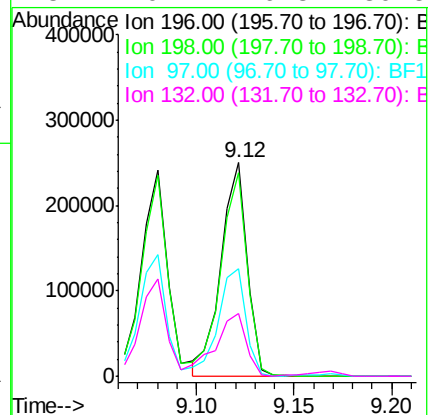
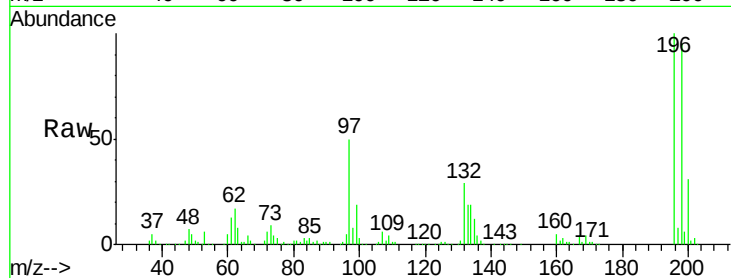
#43
 2,4,5-Trichlorophenol
 Concen: 40.733 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233494		
198	95.4	74.6	112.0	
97	50.4	42.9	64.3	
132	29.2	26.3	39.5	

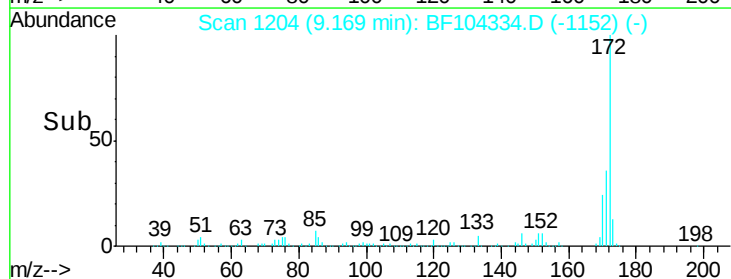
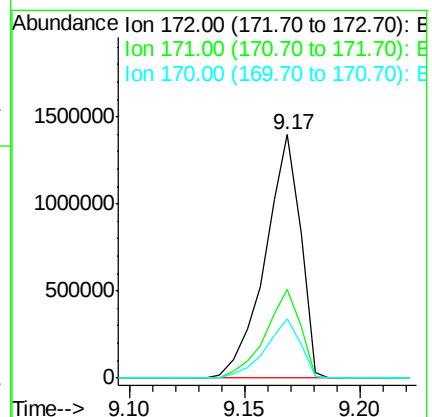
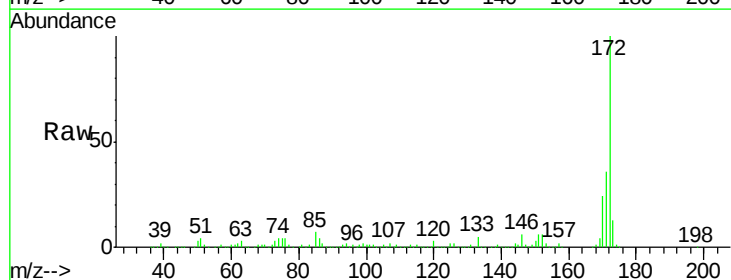
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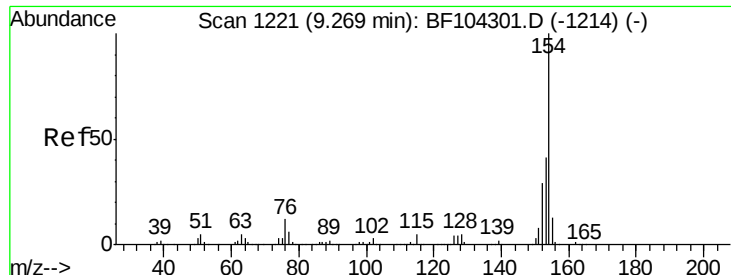
Sohil
 4/9/2018 11:18:53 AM



#44
 2-Fluorobiphenyl
 Concen: 90.911 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1483471		
171	36.5	29.7	44.5	
170	24.3	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 41.863 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

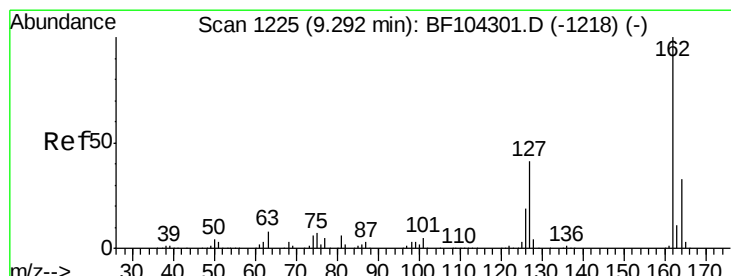
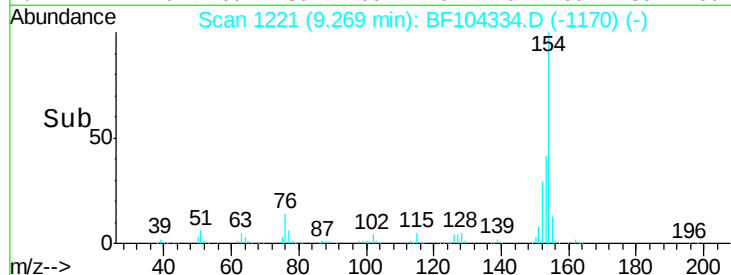
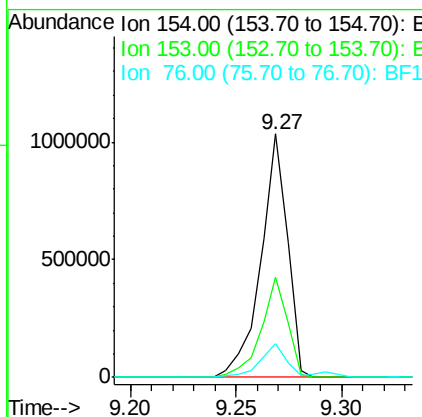
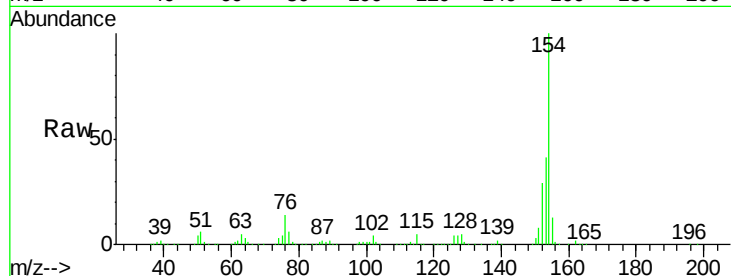
ClientSampled :

PB108048BS

Tot Ion:	154	Resp:	906557
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 41.509 ng

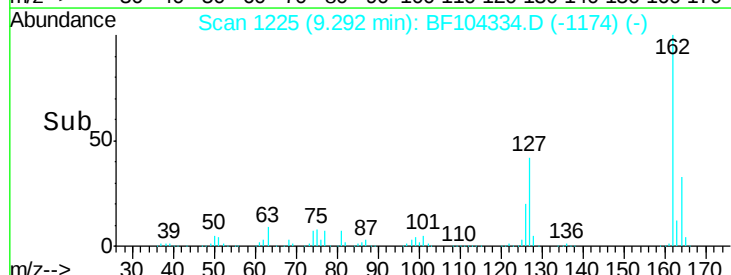
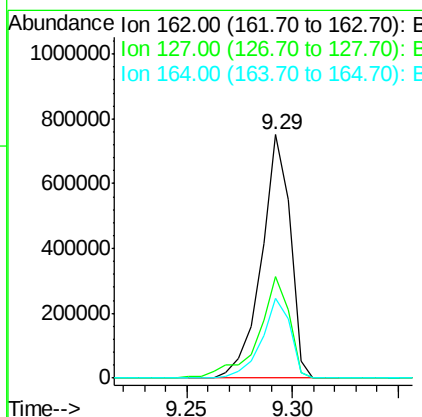
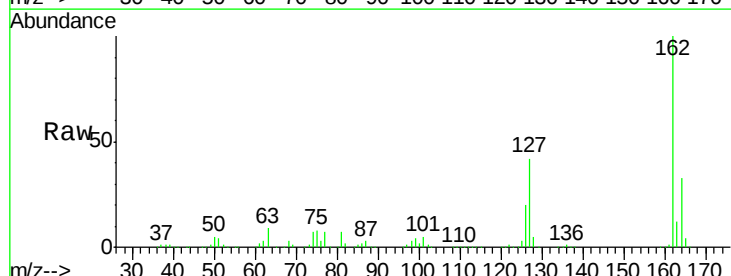
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	162	Resp:	710008
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.9	50.9
164	32.7	26.5	39.7





#47

2-Nitroaniline

Concen: 50.483 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

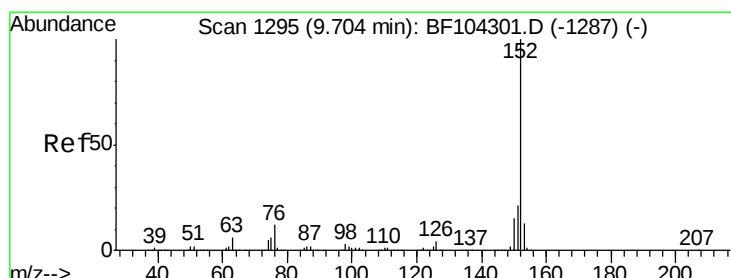
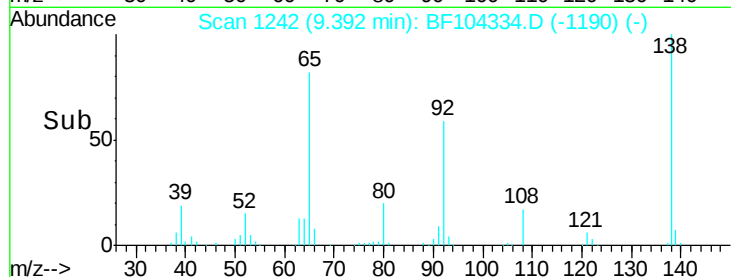
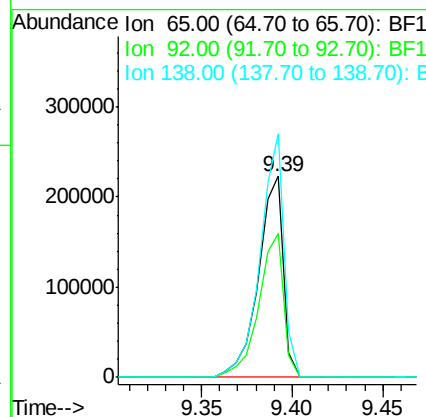
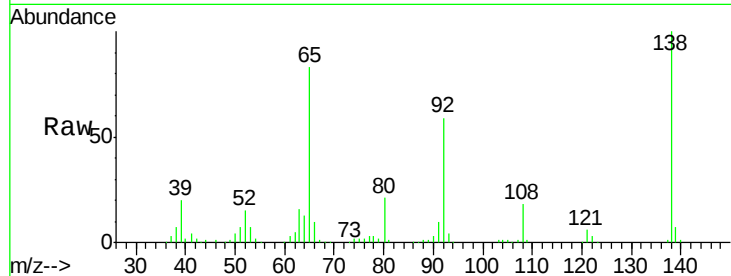
ClientSampleId :

PB108048BS

Tot Ion:	65	Resp:	213545
Ion Ratio	Lower	Upper	
65	100		
92	71.8	55.8	83.6
138	121.1	91.2	136.8

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#48

Acenaphthylene

Concen: 39.913 ng

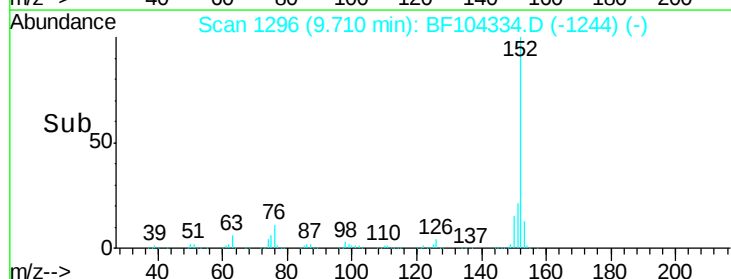
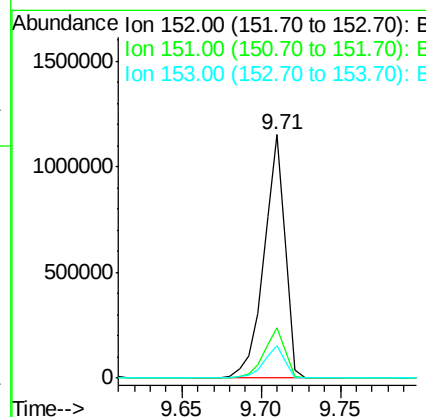
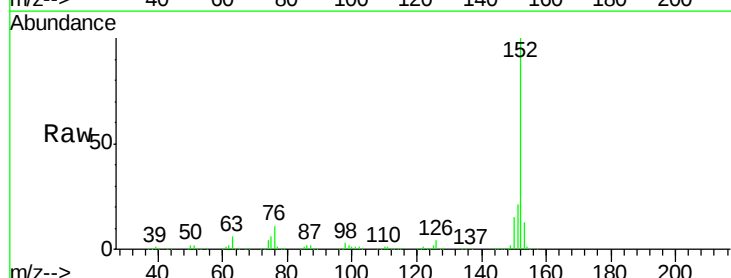
RT: 9.71 min Scan# 1296

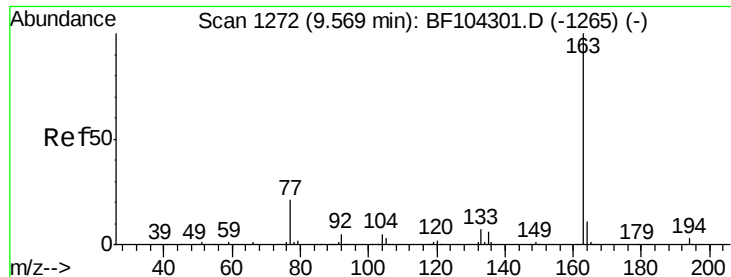
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	152	Resp:	1071143
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.5	10.7	16.1





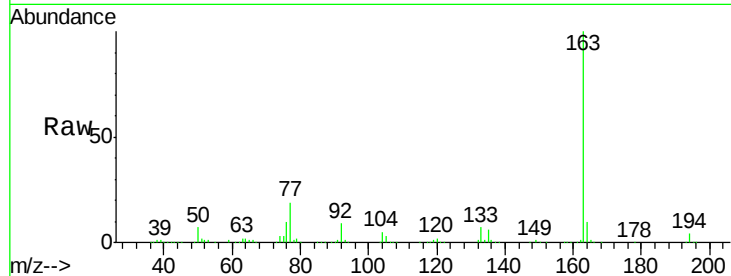
#49
Dimethylphthalate
Concen: 41.481 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

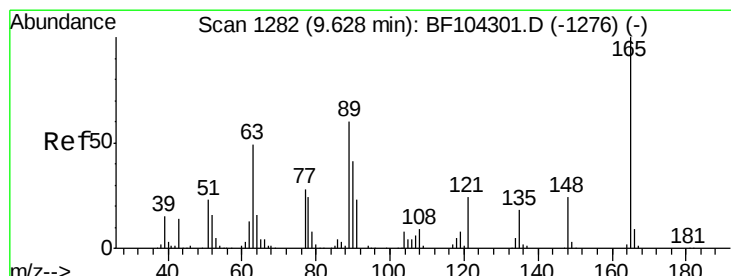
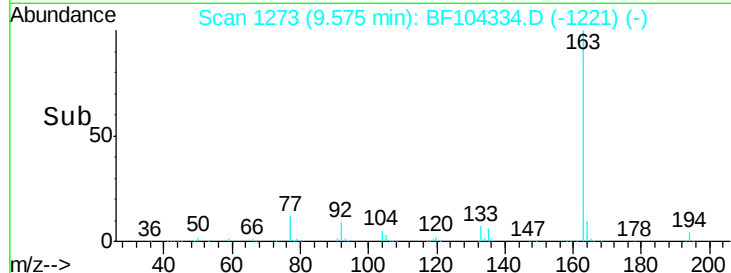
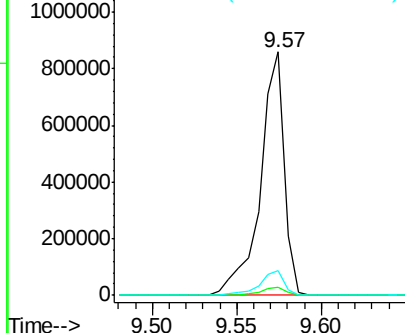
Tot Ion	Ratio	Resp	Lower	Upper
163	100	843230		
194	3.5		2.7	4.1
164	10.1		8.2	12.2

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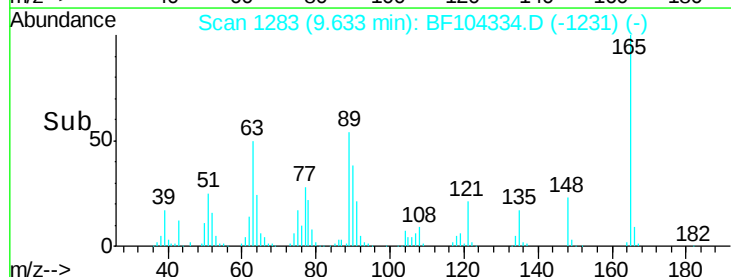
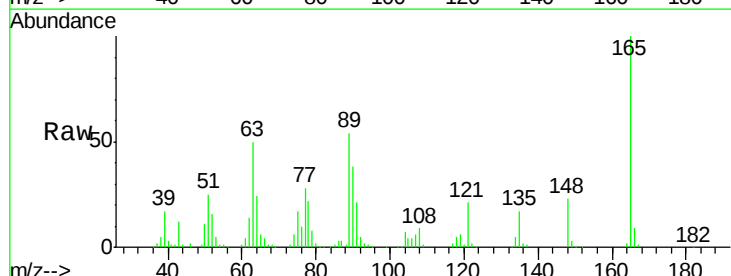
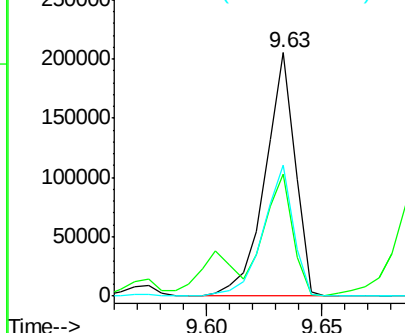
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 49.445 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	185985		
63	50.2		44.7	67.1
89	53.9		44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.548 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

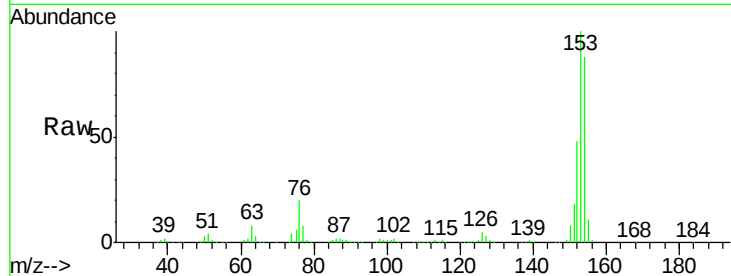
ClientSampleId :

PB108048BS

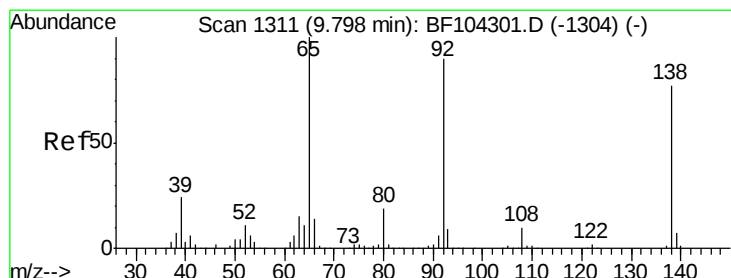
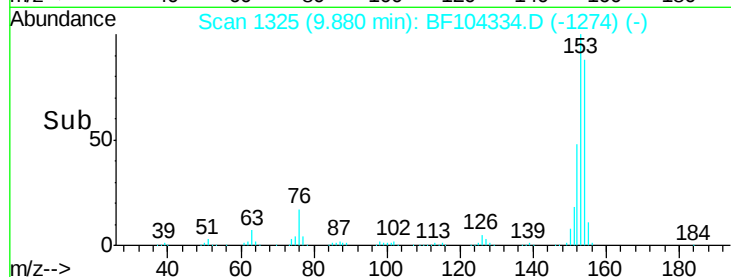
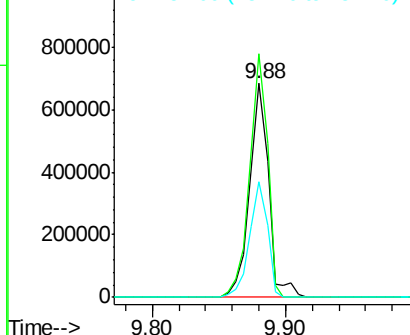
Tot Ion:	154	Resp:	663943
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	54.3	43.8	65.8

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



#52

3-Nitroaniline

Concen: 21.005 ng

RT: 9.80 min Scan# 1311

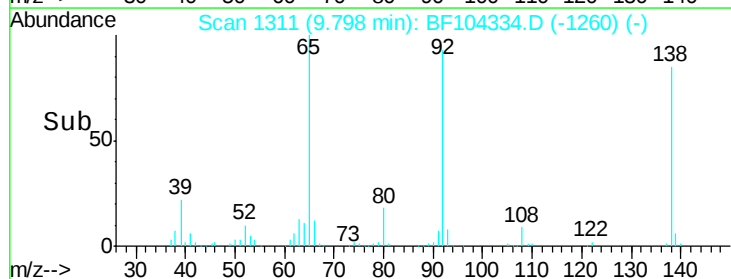
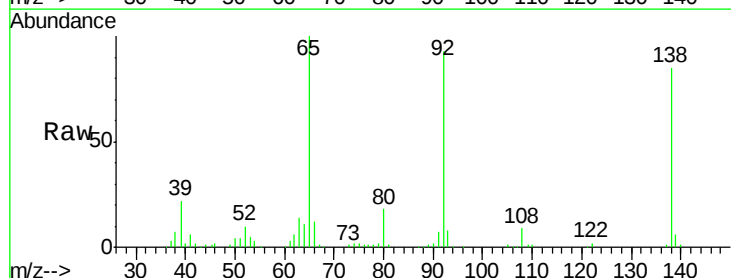
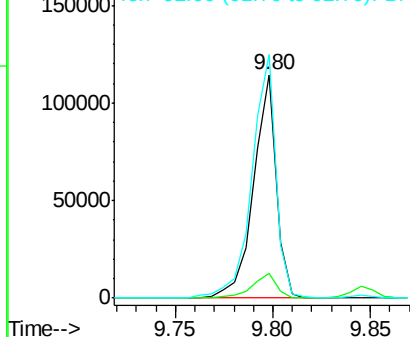
Delta R.T. -0.00 min

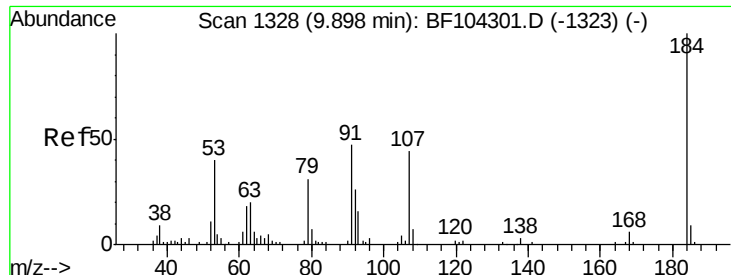
Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	138	Resp:	92497
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	108.9	89.4	134.2

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





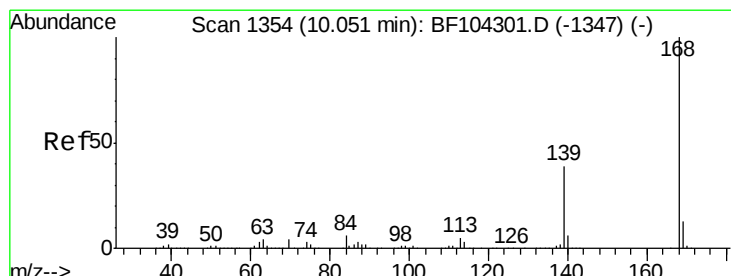
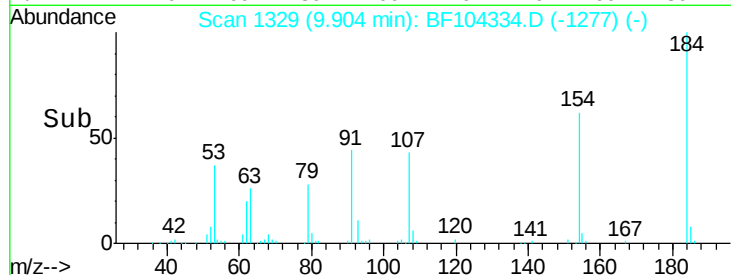
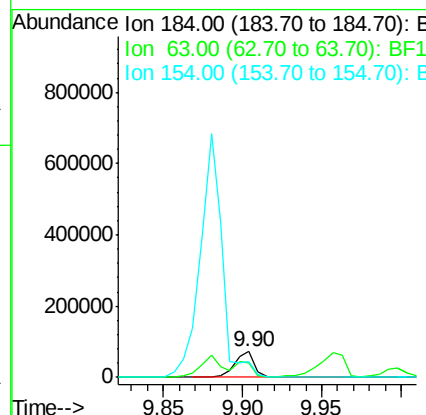
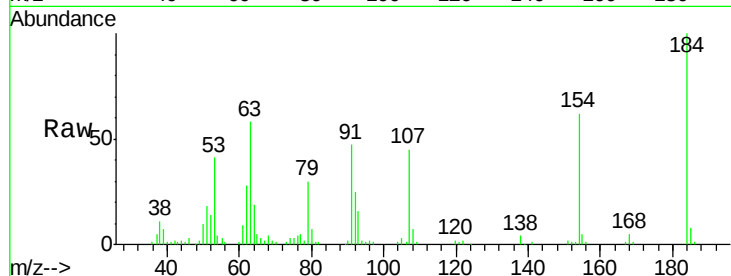
#53
 2,4-Dinitrophenol
 Concen: 49.419 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion:184 Resp: 61985
 Ion Ratio Lower Upper
 184 100
 63 57.8 54.2 81.2
 154 62.3 184.0 276.0#

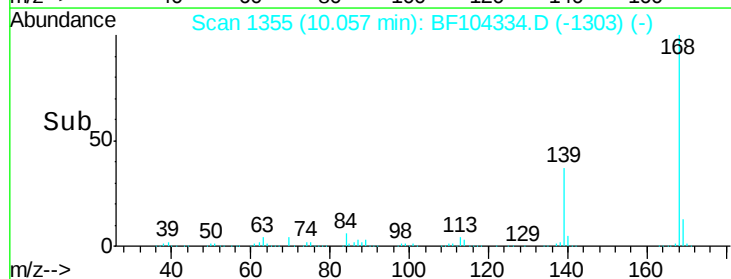
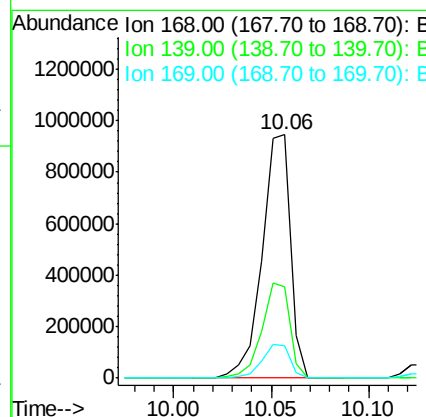
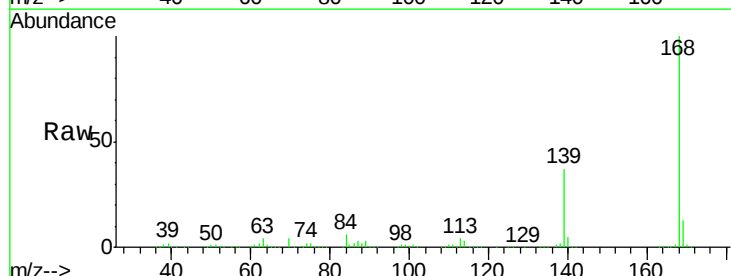
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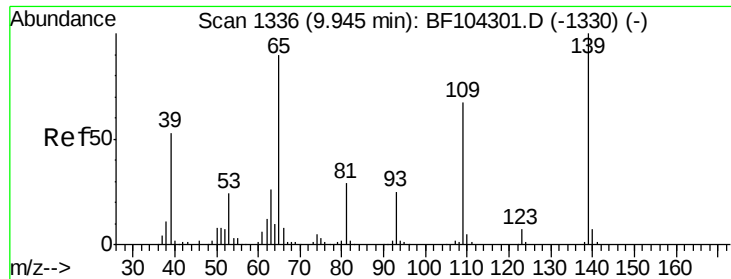
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#54
 Dibenzofuran
 Concen: 41.637 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion:168 Resp: 950130
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.2 10.9 16.3





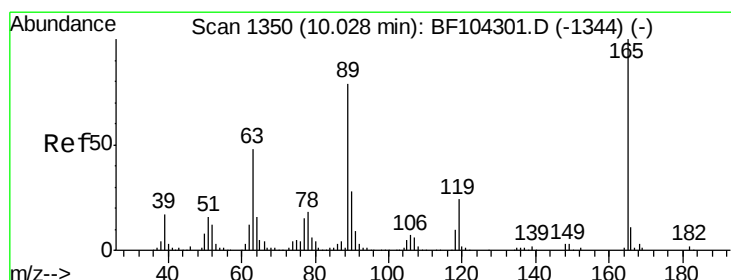
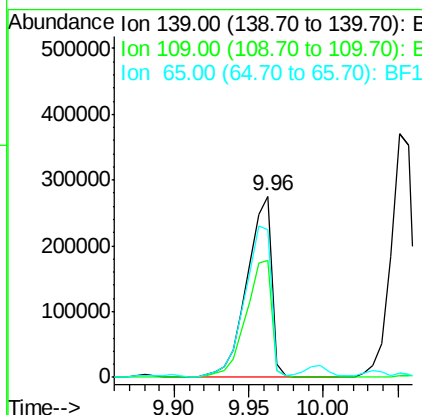
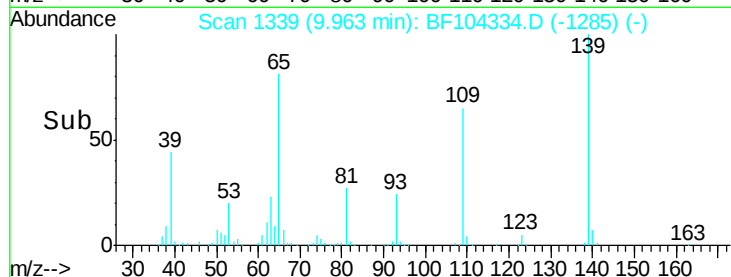
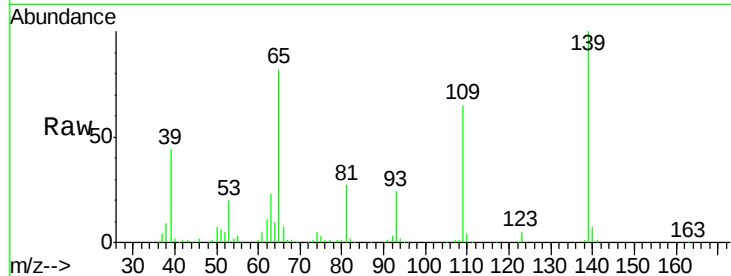
#55
4-Nitrophenol
Concen: 91.217 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleID :
PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	315533		
109	64.7	48.4	88.4	
65	81.5	72.6	112.6	

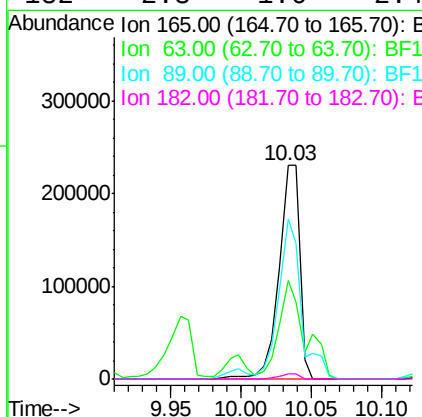
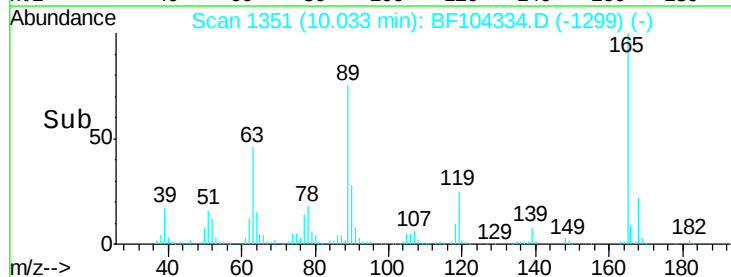
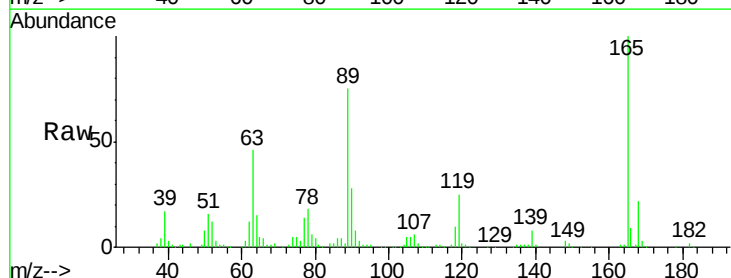
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#56
2,4-Dinitrotoluene
Concen: 48.043 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	237043		
63	46.2	36.4	54.6	
89	75.2	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 40.984 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

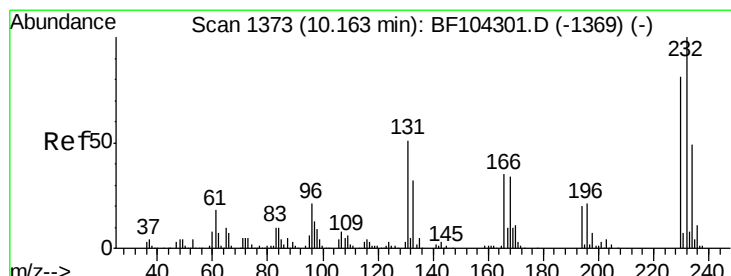
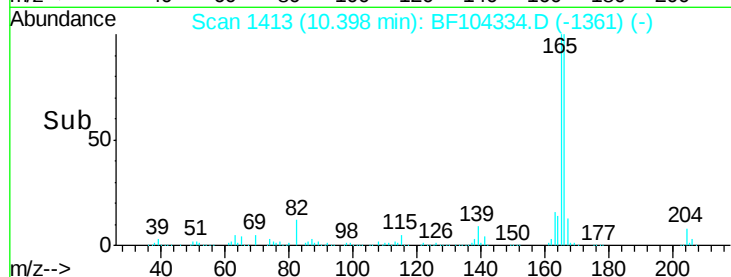
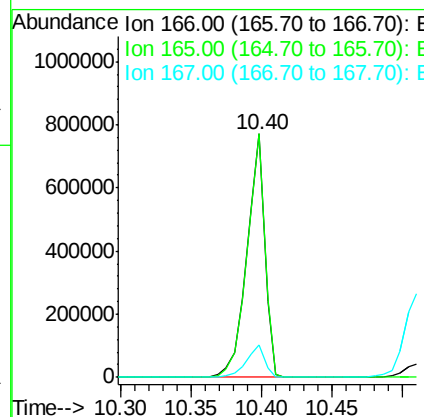
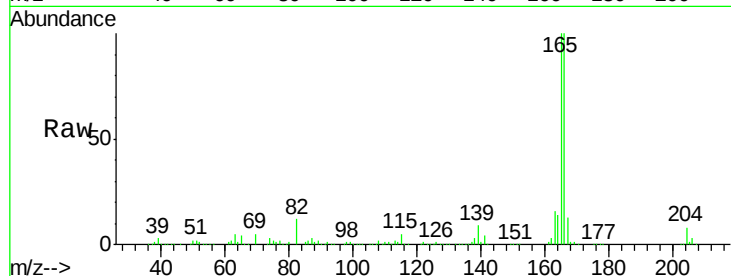
ClientSampleId :

PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	680735		
165	99.9	79.8	119.8	
167	13.3	10.6	16.0	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.167 ng

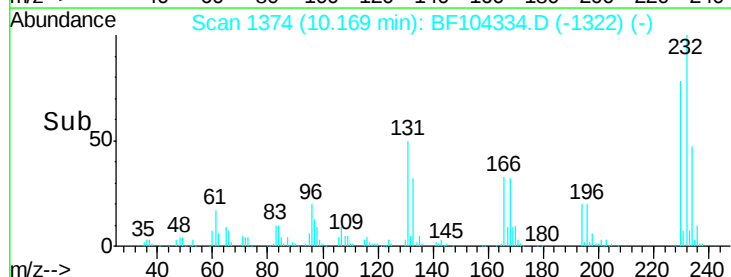
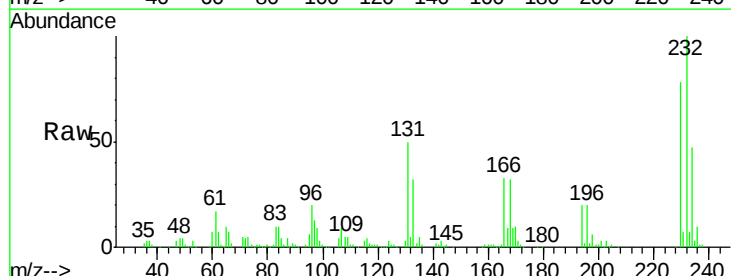
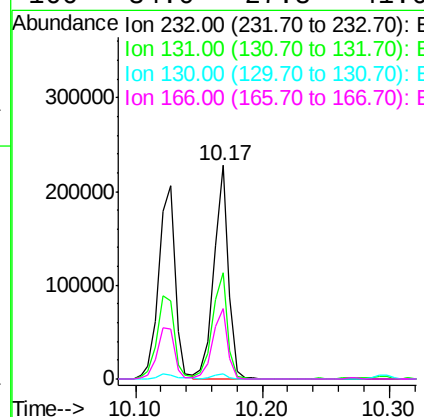
RT: 10.17 min Scan# 1374

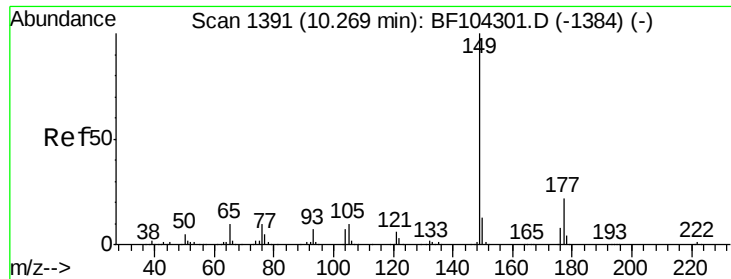
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184603		
131	50.9	43.8	65.8	
130	2.5	2.1	3.1	
166	34.0	27.8	41.6	





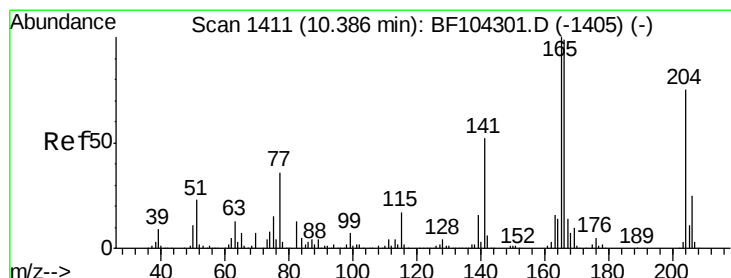
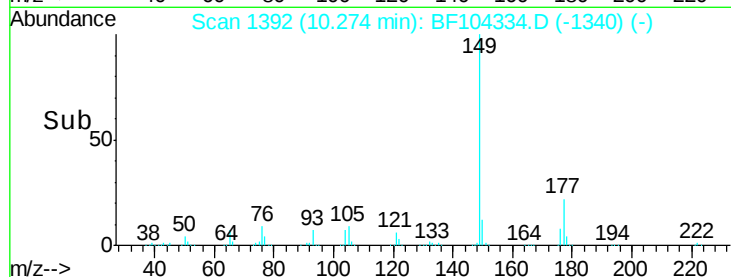
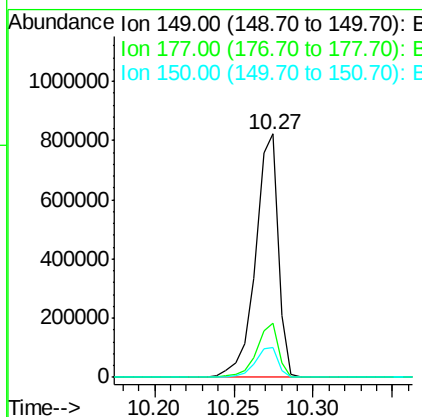
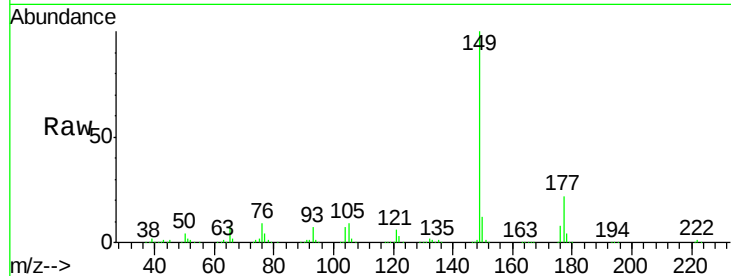
#59
Diethylphthalate
Concen: 40.537 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleID :
PB108048BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.5	10.1	15.1

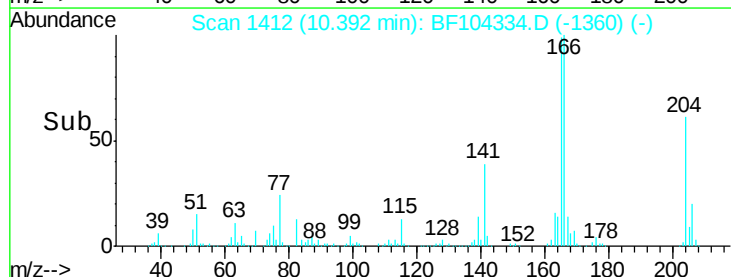
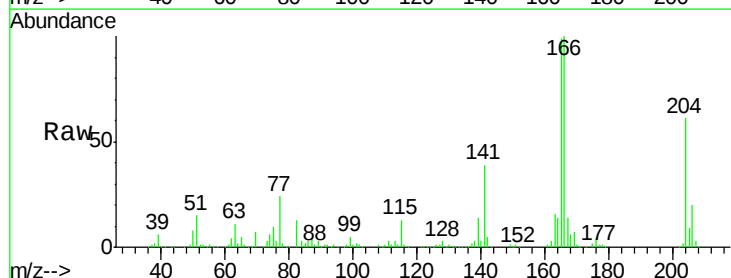
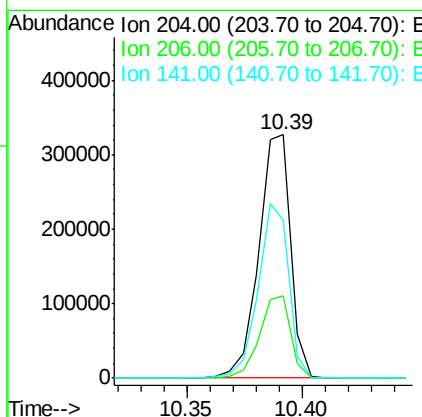
Manual Integrations
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4/9/2018 11:18:53 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.426 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	64.7	54.6	81.8





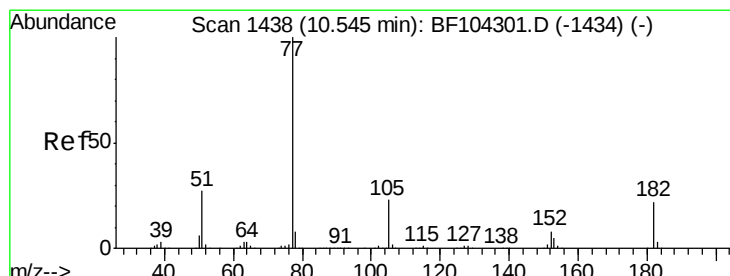
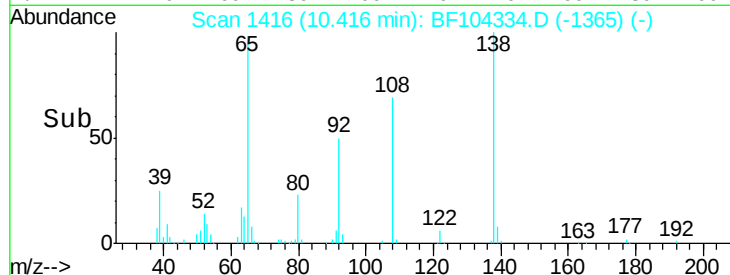
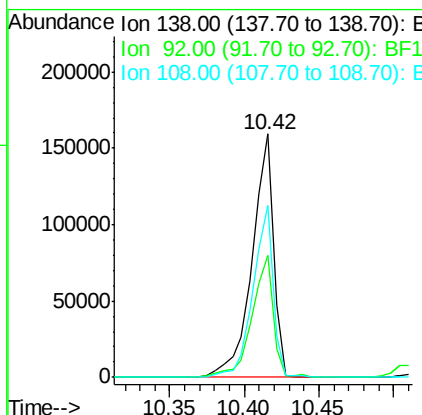
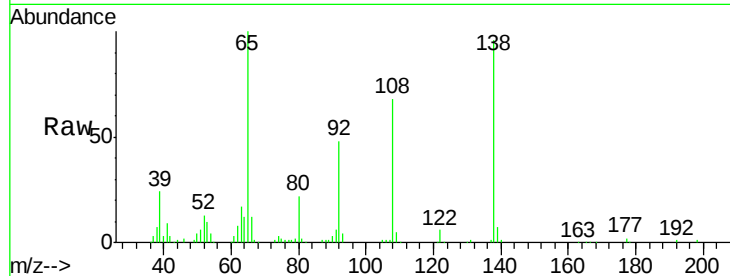
#61
4-Nitroaniline
Concen: 36.617 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	70.8	52.5	92.5

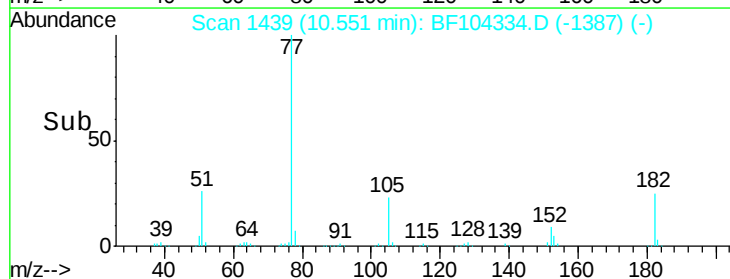
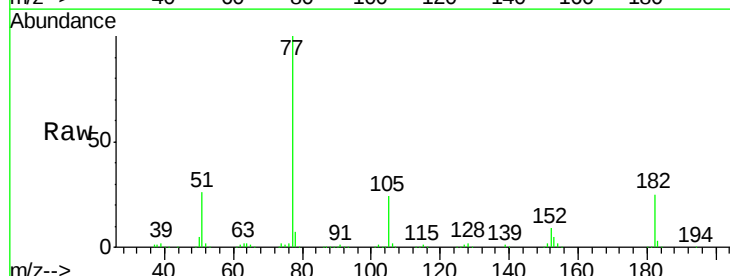
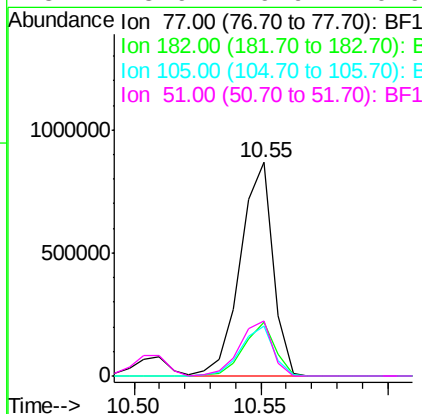
Manual Integrations
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#62
Azobenzene
Concen: 40.252 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	23.6	3.0	43.0
51	25.9	9.9	49.9





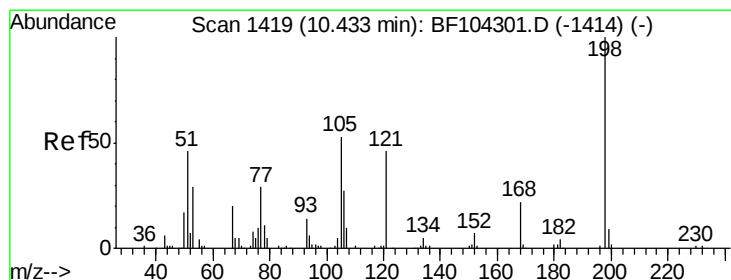
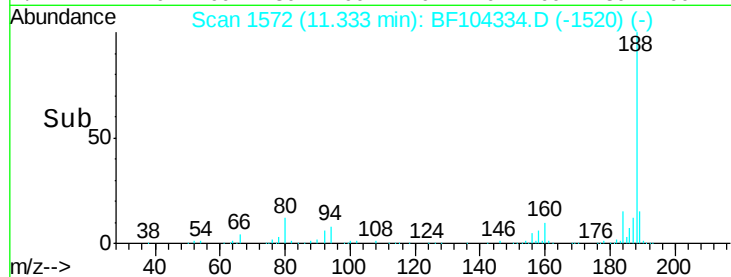
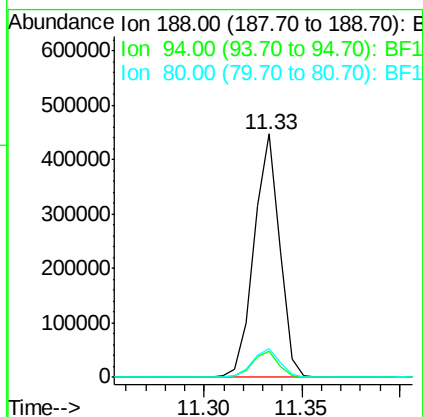
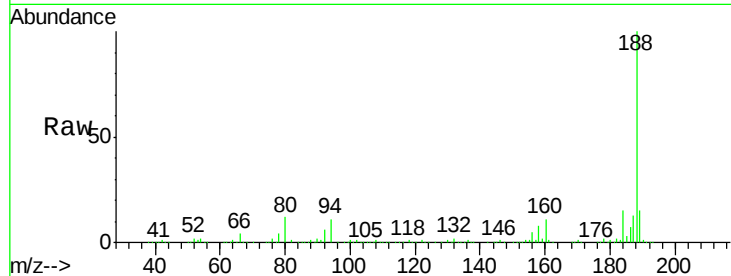
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.0	9.2	13.8

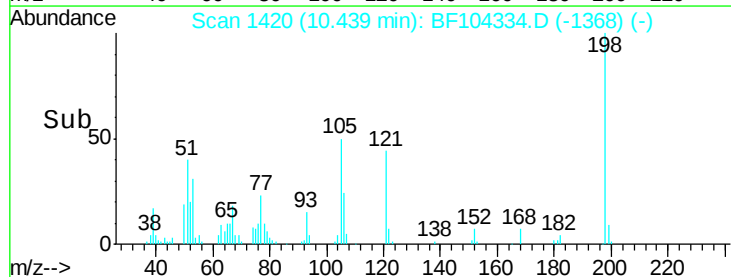
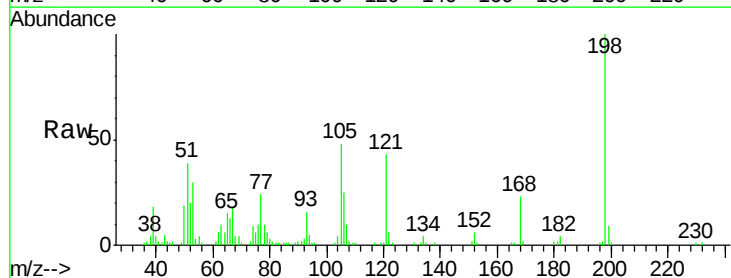
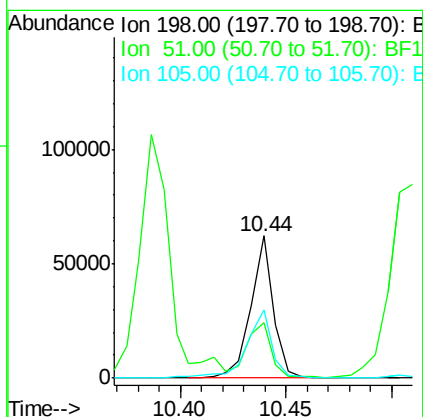
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.367 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.5	37.7	77.7
105	48.3	36.3	76.3





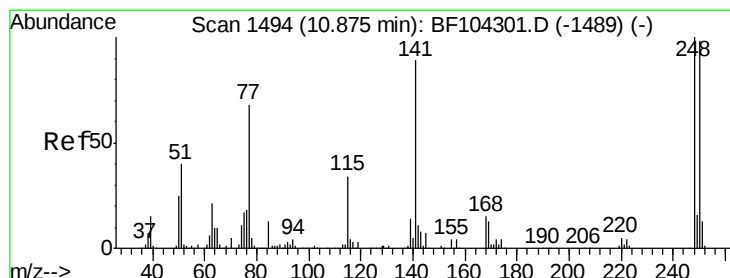
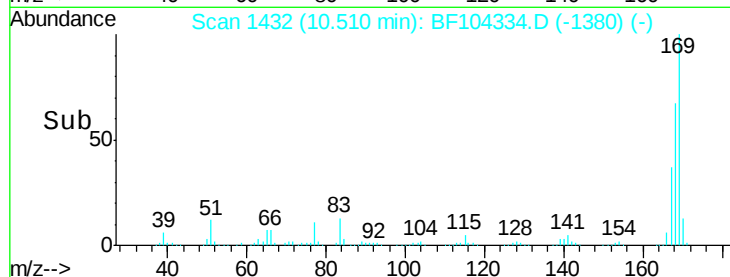
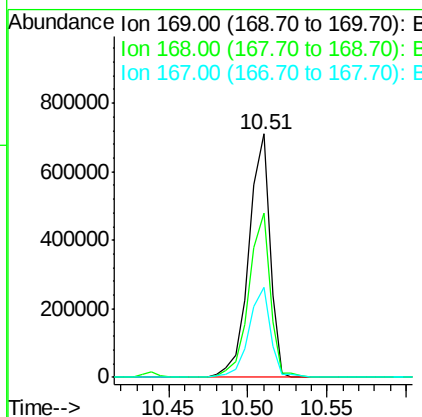
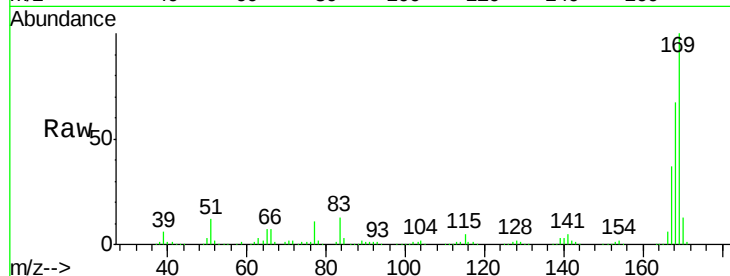
#65
n-Nitrosodiphenylamine
Concen: 46.643 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	655253		
168	67.3		54.4	81.6
167	37.1		29.8	44.6

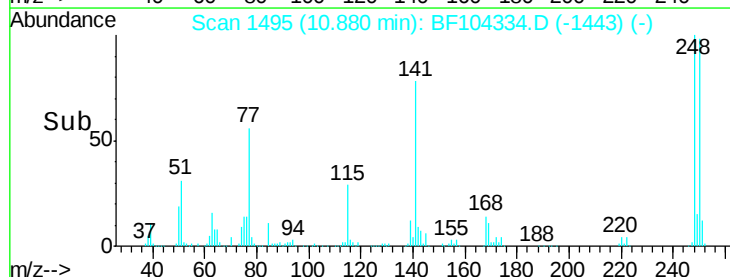
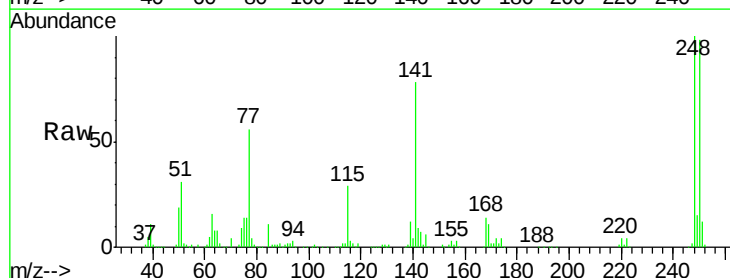
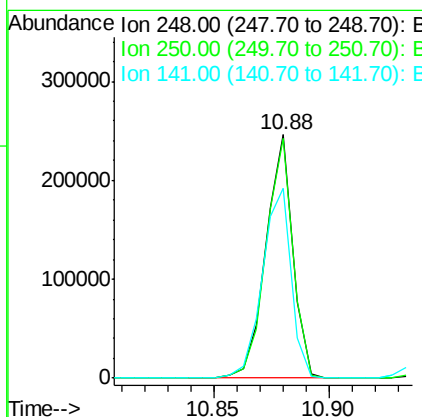
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 46.401 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	199972		
250	98.5		76.9	115.3
141	77.8		74.4	111.6





#67

Hexachlorobenzene

Concen: 43.260 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

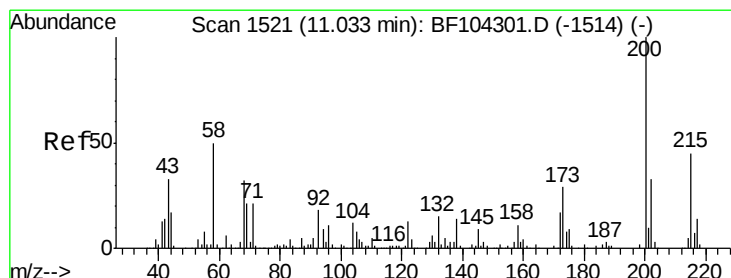
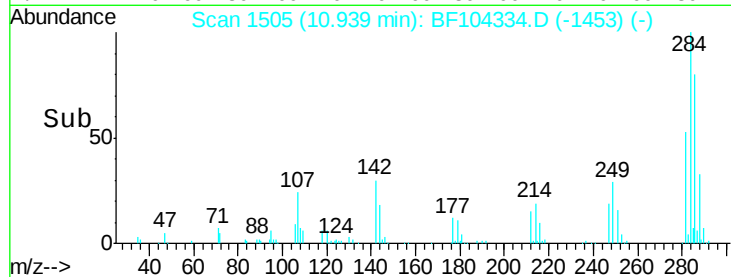
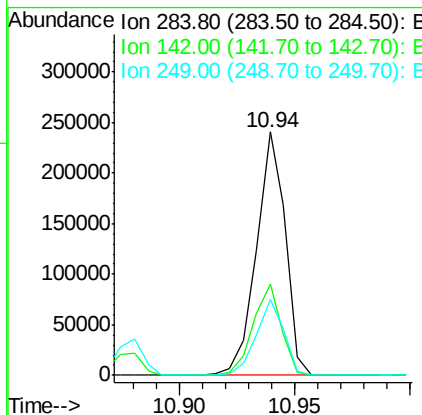
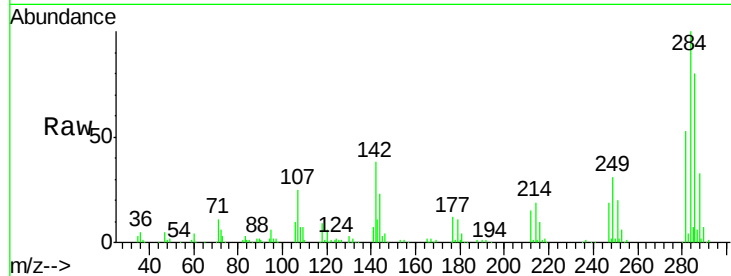
ClientSampleId :

PB108048BS

Tot Ion:	284	Resp:	209781
Ion Ratio		Lower	Upper
284	100		
142	37.7	34.6	52.0
249	31.2	24.8	37.2

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#68

Atrazine

Concen: 47.520 ng

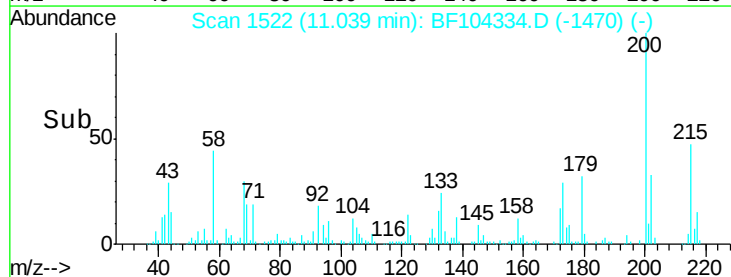
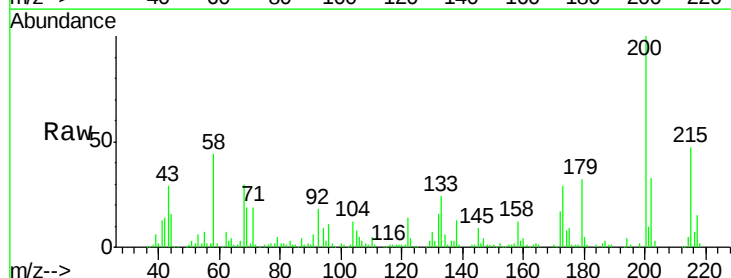
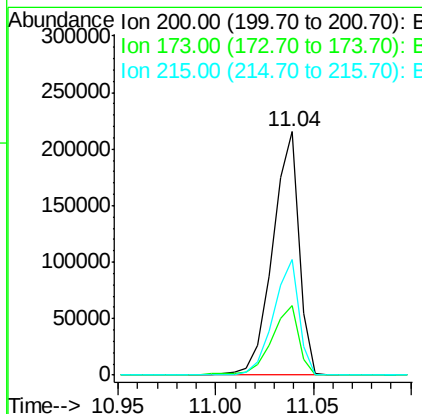
RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	200	Resp:	201501
Ion Ratio		Lower	Upper
200	100		
173	28.6	8.6	48.6
215	47.4	25.1	65.1





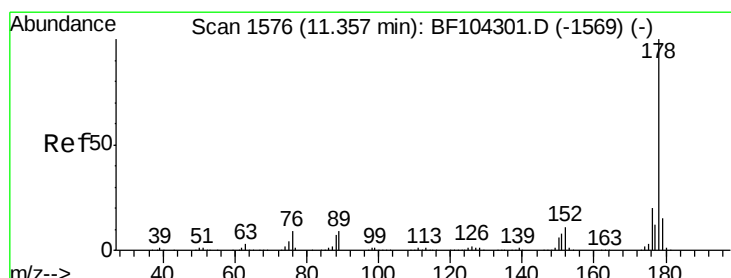
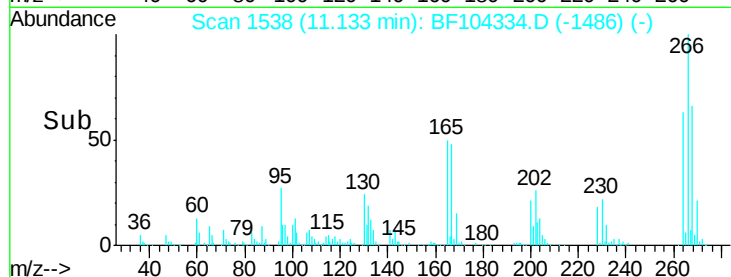
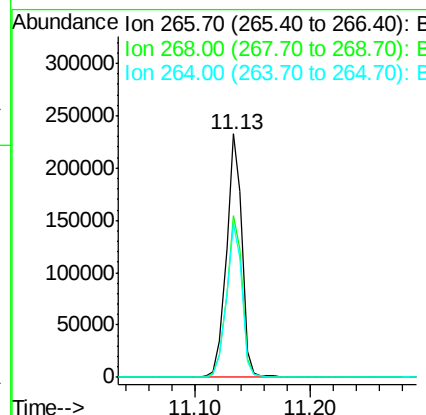
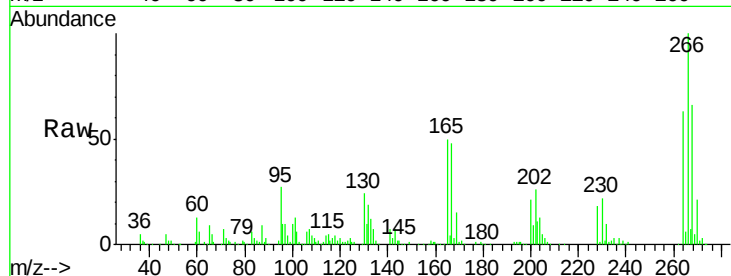
#69
 Pentachlorophenol
 Concen: 71.929 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	63.3	49.5	74.3

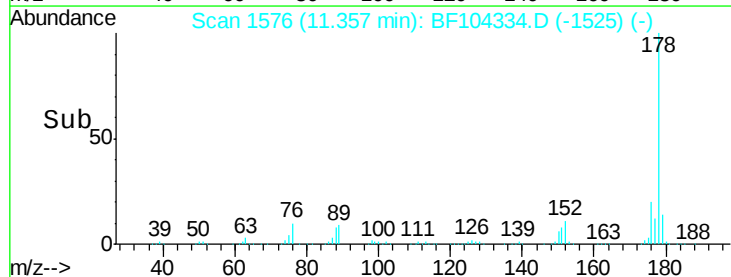
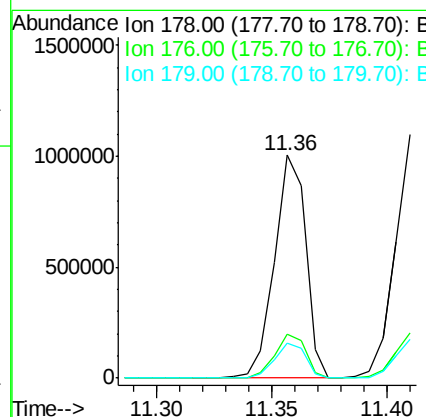
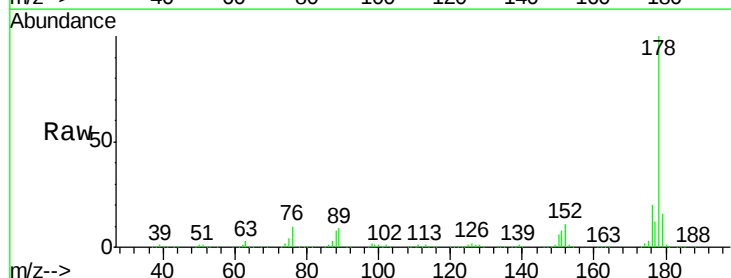
Manual Integrations
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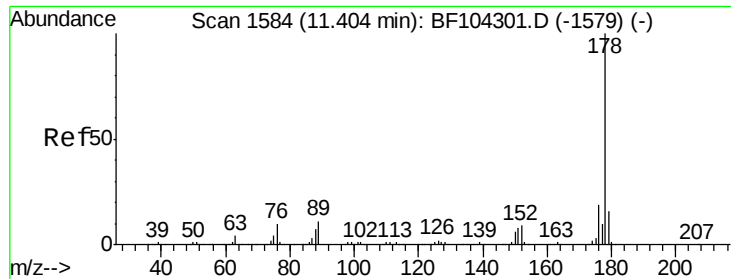
Sohil
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#70
 Phenanthrene
 Concen: 41.845 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

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





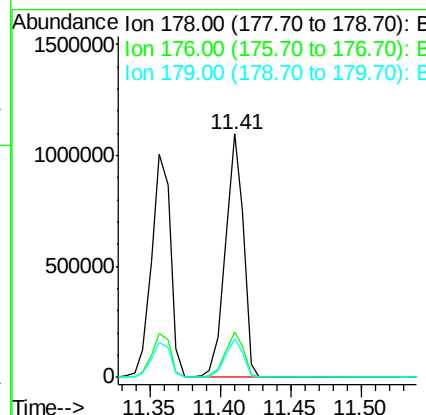
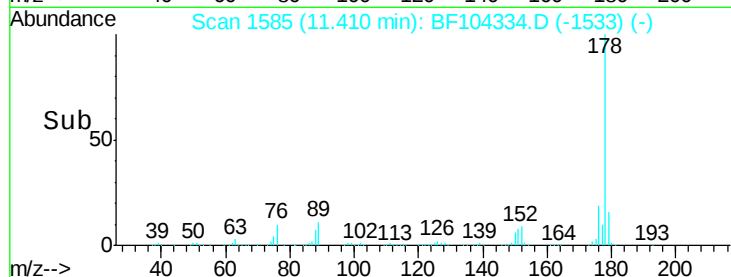
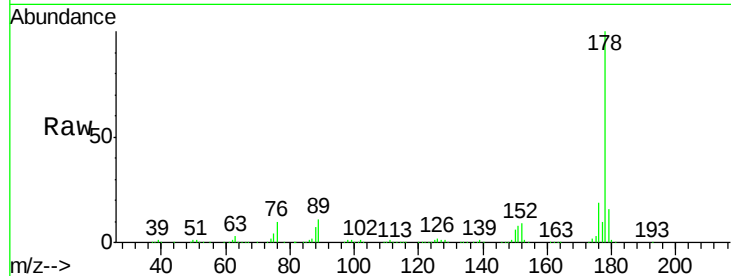
#71
 Anthracene
 Concen: 42.334 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	18.8	15.4	23.2		
179	15.7	12.6	19.0		

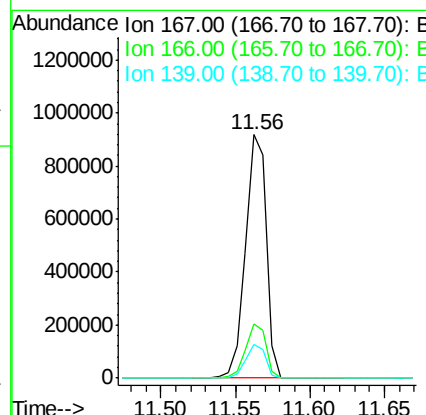
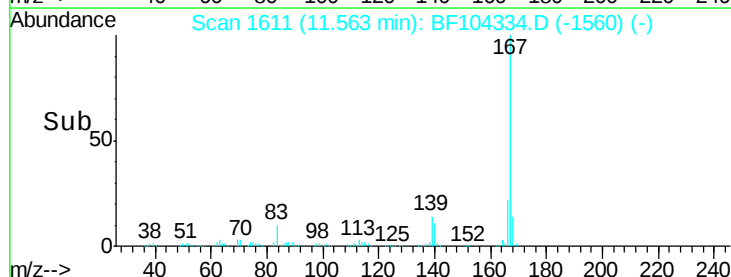
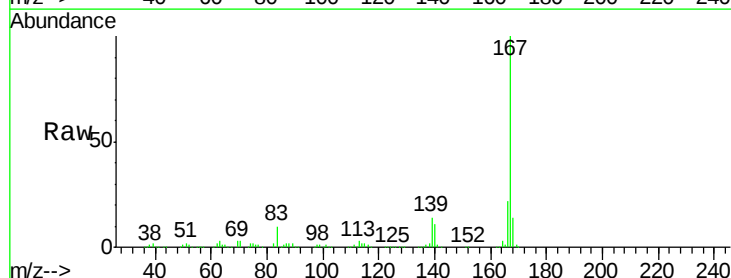
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#72
 Carbazole
 Concen: 39.539 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	17.6	26.4		
139	13.8	10.9	16.3		





#73

Di-n-butylphthalate

Concen: 43.956 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

ClientSampleId :

PB108048BS

Tot Ion:149 Resp: 1203433

Ion Ratio Lower Upper

149 100

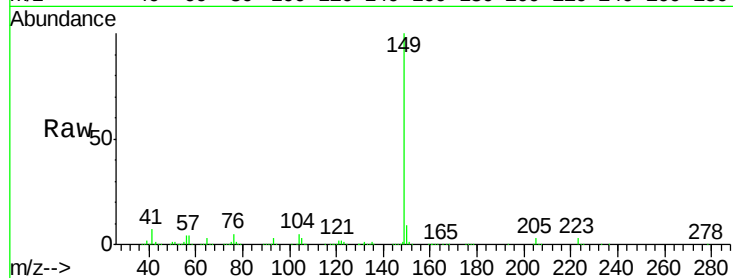
150 9.4 7.8 11.6

104 5.0 3.8 5.8

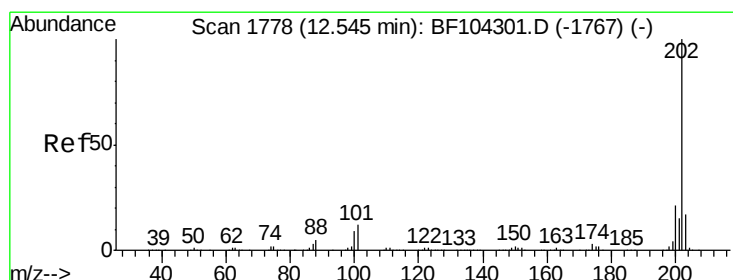
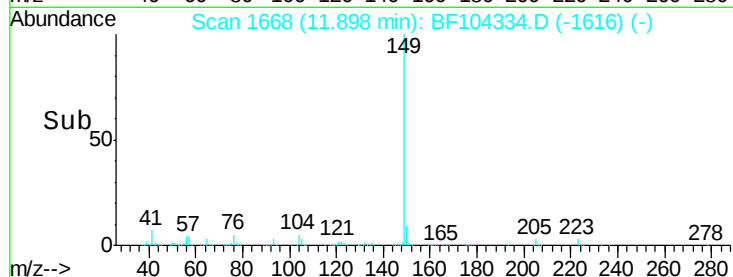
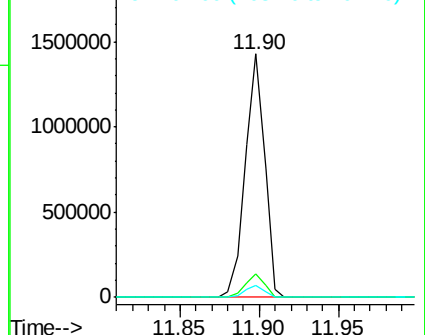
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.811 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

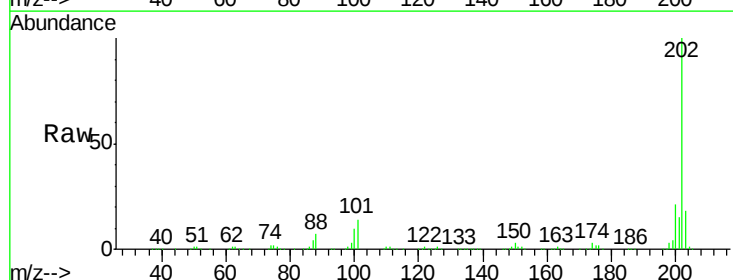
Tgt Ion:202 Resp: 844226

Ion Ratio Lower Upper

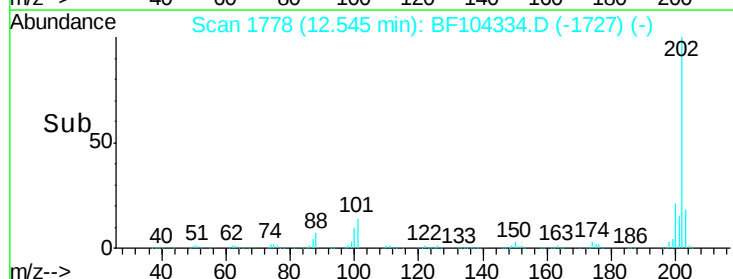
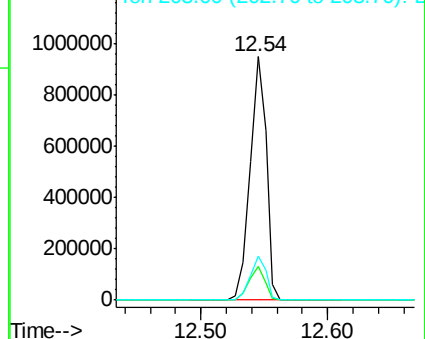
202 100

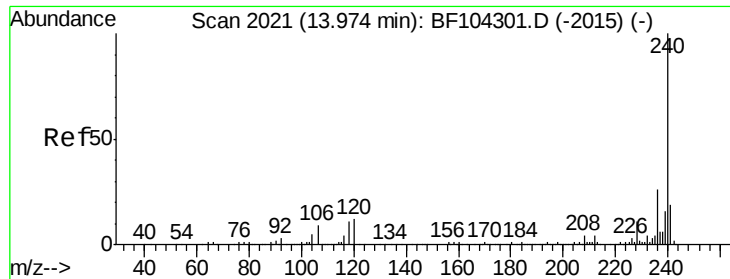
101 13.7 0.0 34.1

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

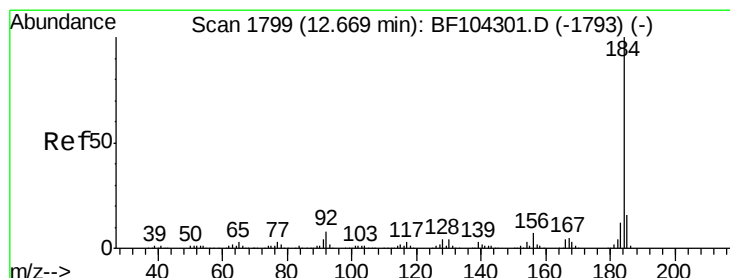
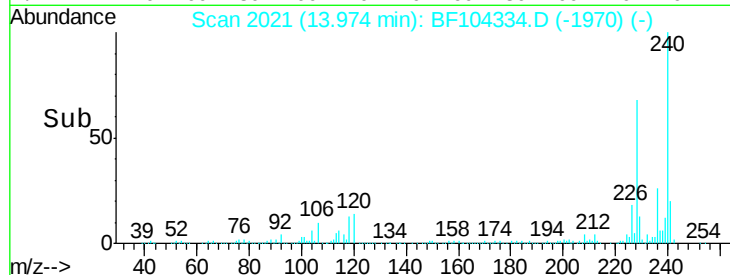
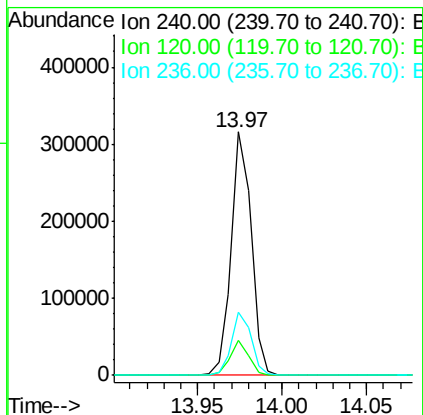
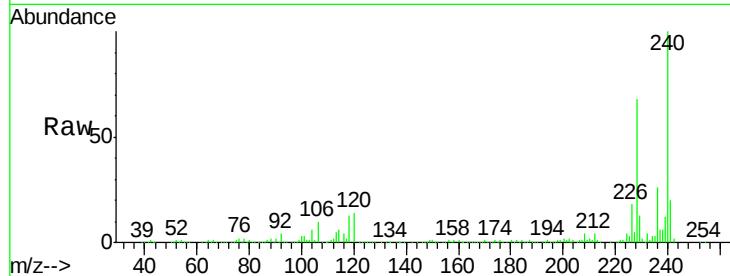
ClientSampleId :

PB108048BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 41.670 ng

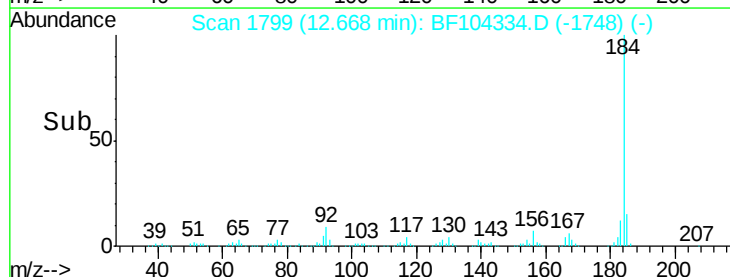
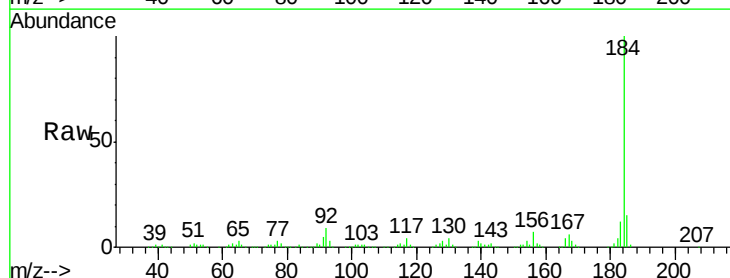
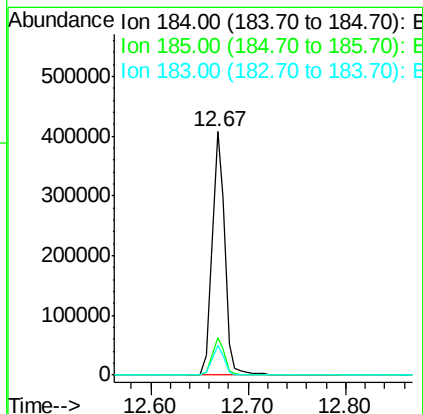
RT: 12.67 min Scan# 1799

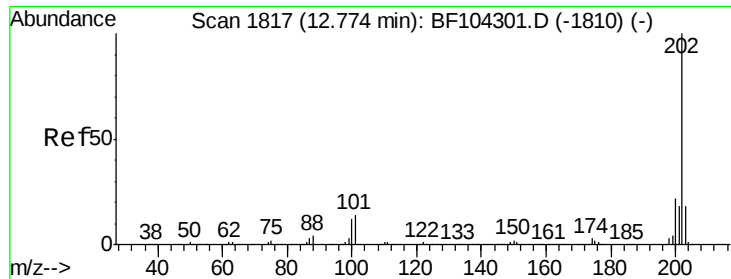
Delta R.T. 0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	12.1	9.3	13.9





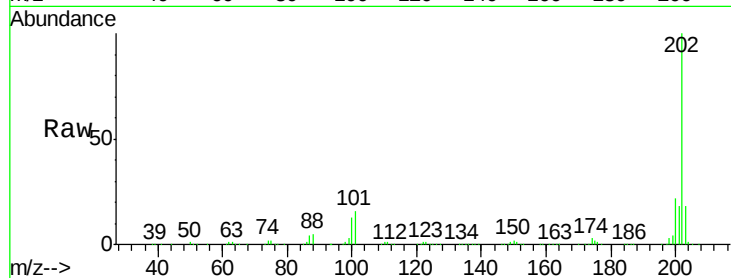
#77
Pvrene
Concen: 42.522 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

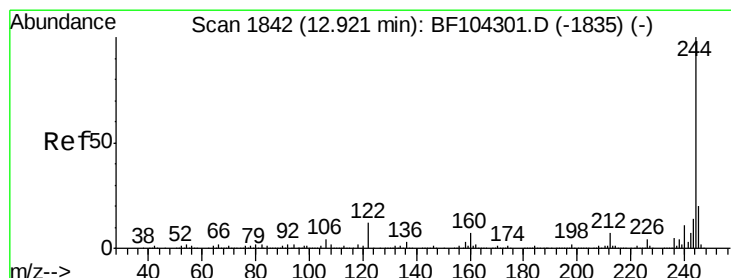
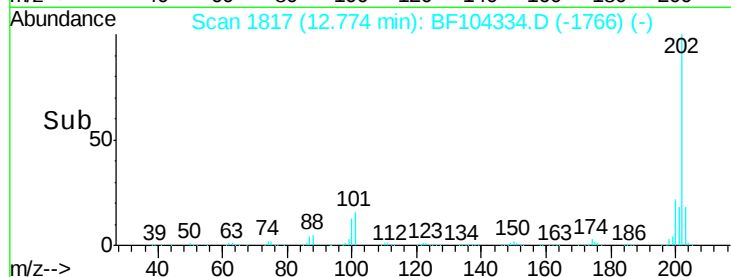
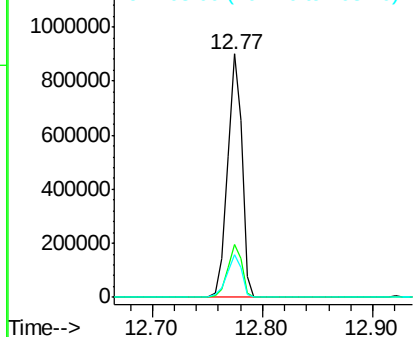
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

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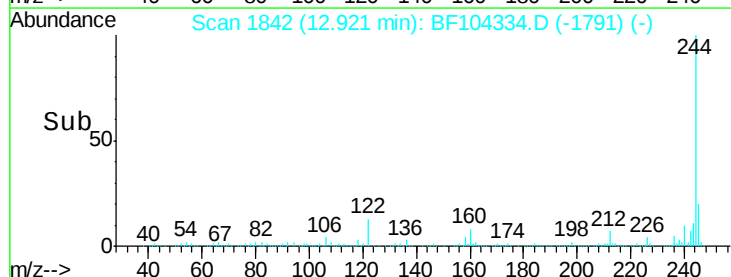
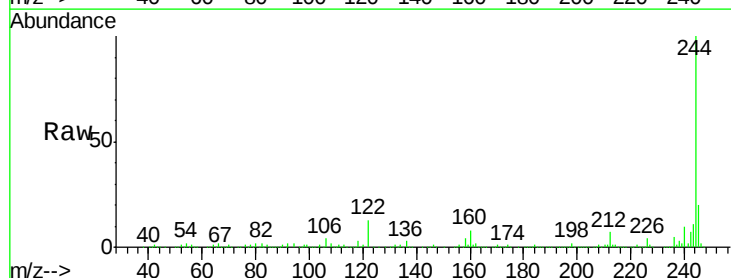
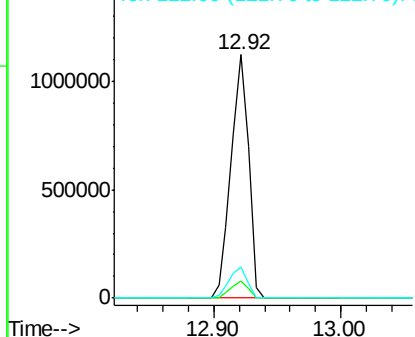
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 93.613 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	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: 45.349 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

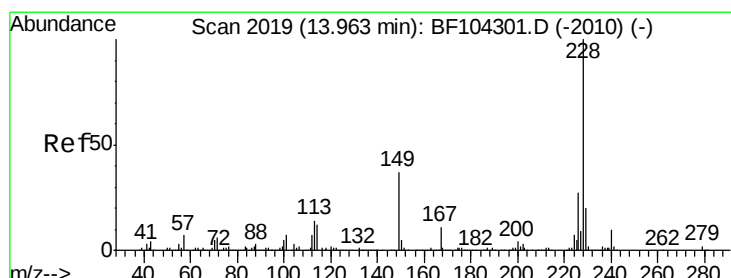
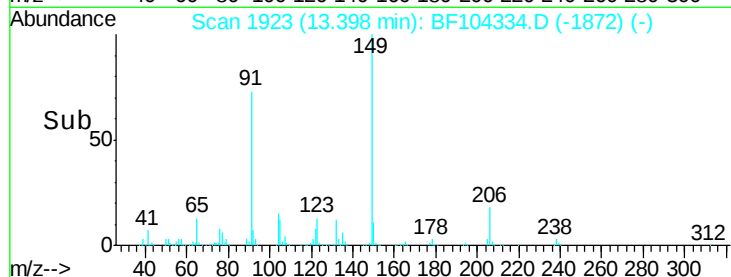
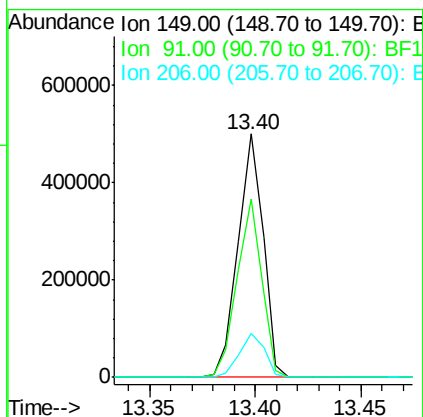
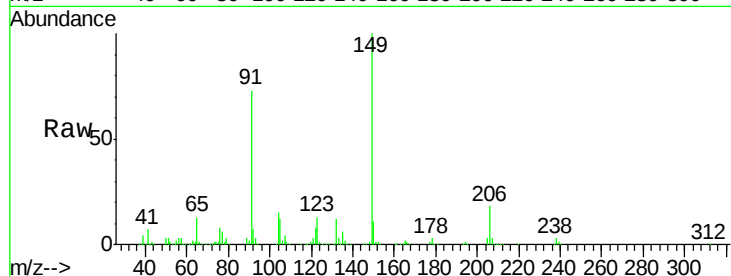
ClientSampleId :

PB108048BS

Tot Ion:	149	Resp:	412576
Ion Ratio	Lower	Upper	
149	100		
91	73.1	56.8	85.2
206	18.2	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 42.589 ng

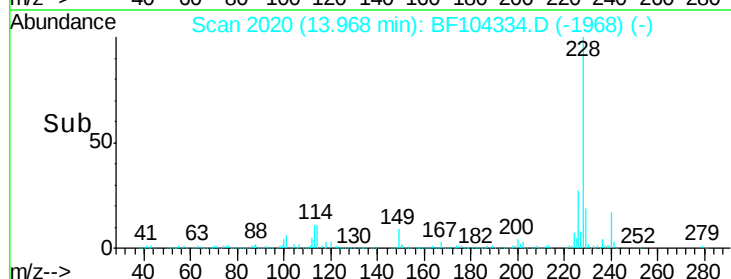
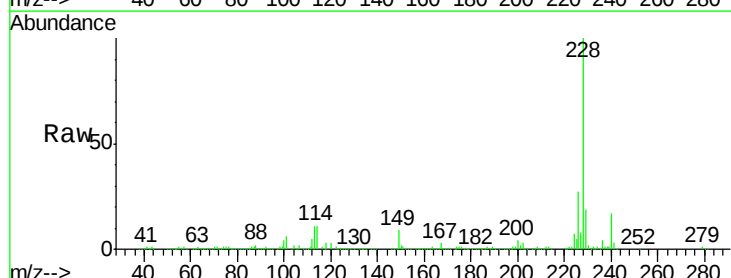
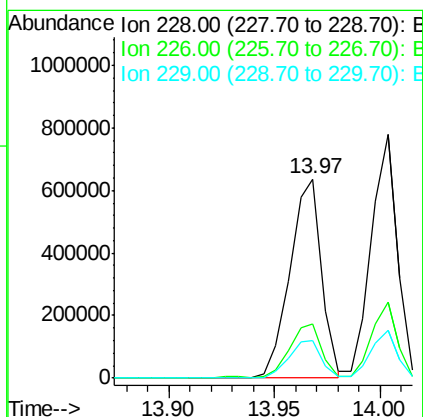
RT: 13.97 min Scan# 2020

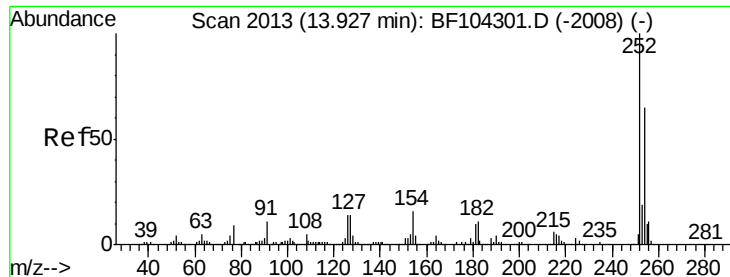
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	228	Resp:	662868
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	33.8
229	18.9	15.8	23.6





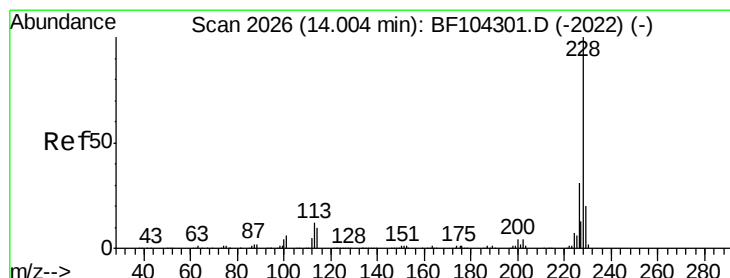
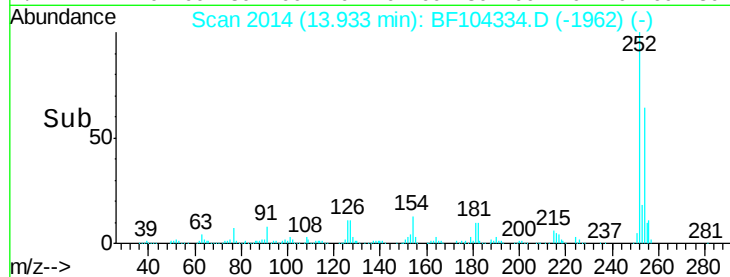
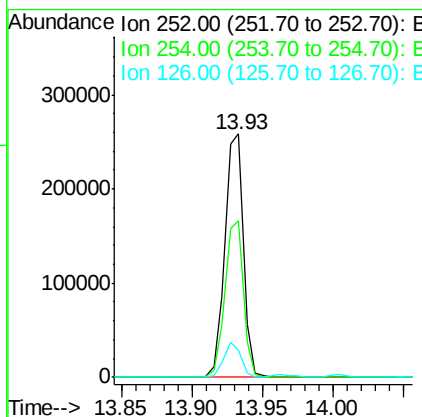
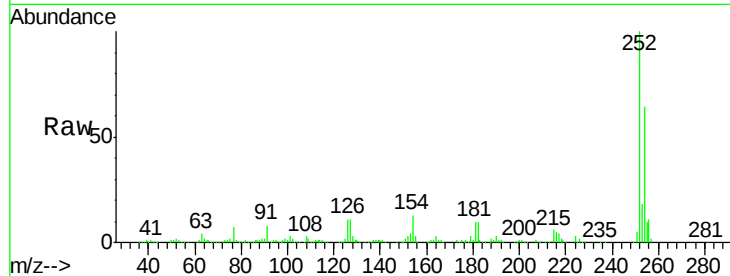
#81
 3,3'-Dichlorobenzidine
 Concen: 40.750 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	236477		
254	64.4	50.4	75.6	
126	11.0	11.3	16.9	

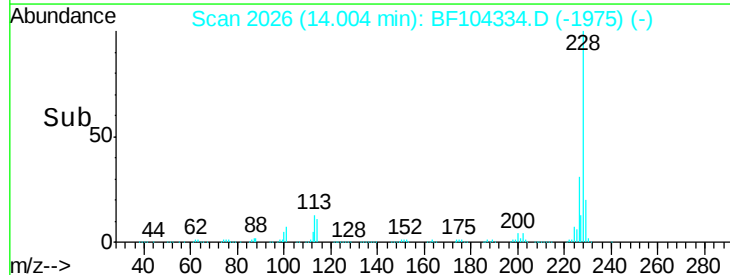
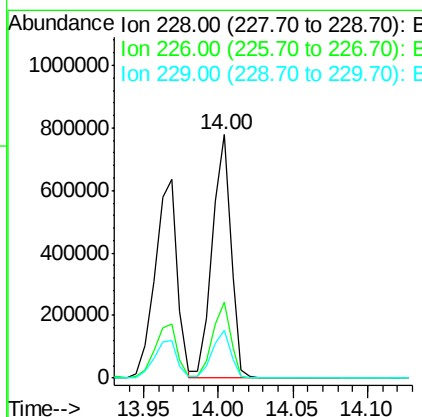
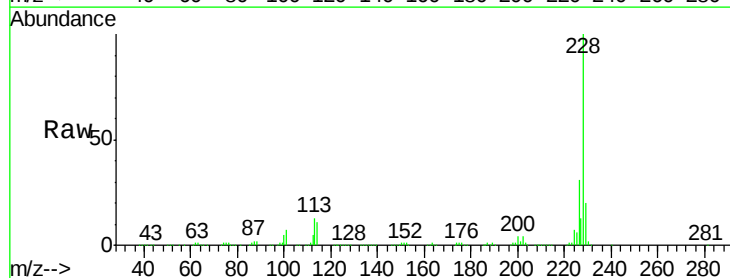
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#82
 Chrysene
 Concen: 42.362 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	677238		
226	31.0	25.0	37.6	
229	19.7	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.598 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

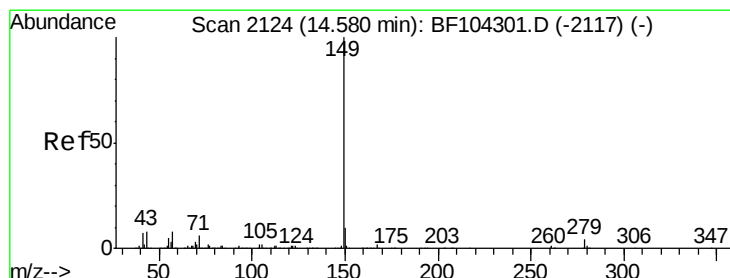
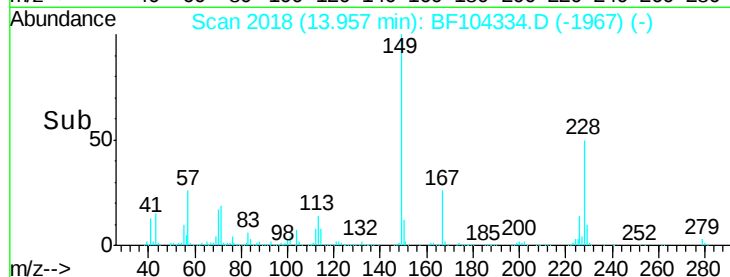
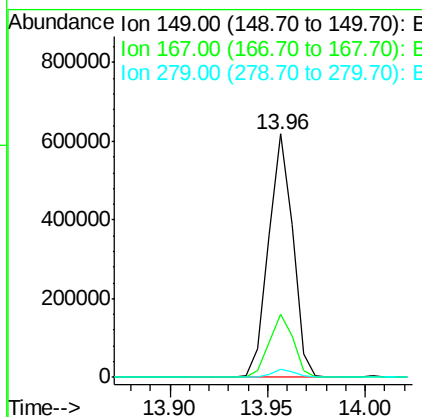
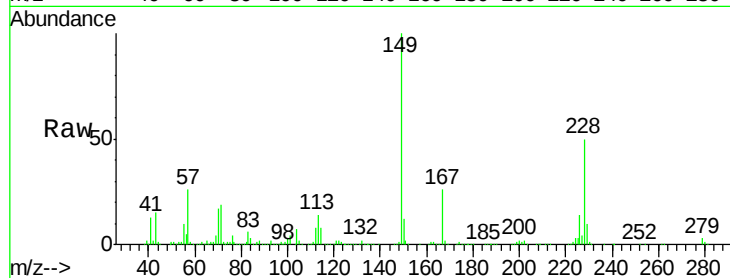
ClientSampleId :

PB108048BS

Tot Ion:	149	Resp:	533593
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 46.314 ng

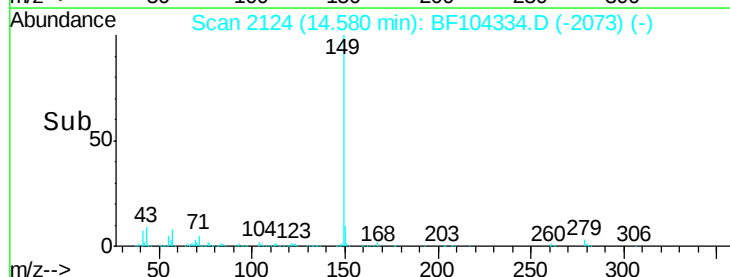
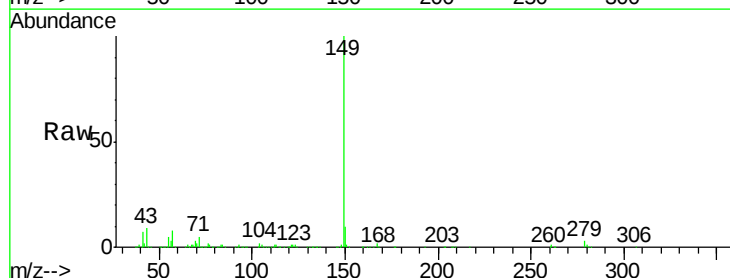
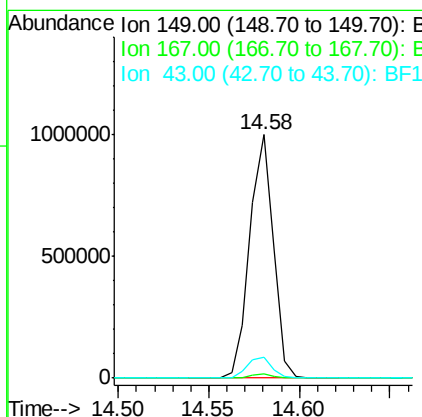
RT: 14.58 min Scan# 2124

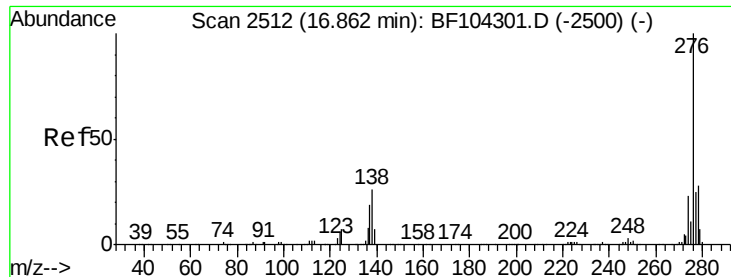
Delta R.T. -0.00 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	149	Resp:	905582
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.687 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

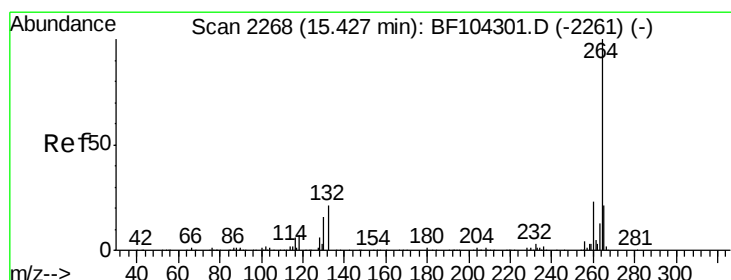
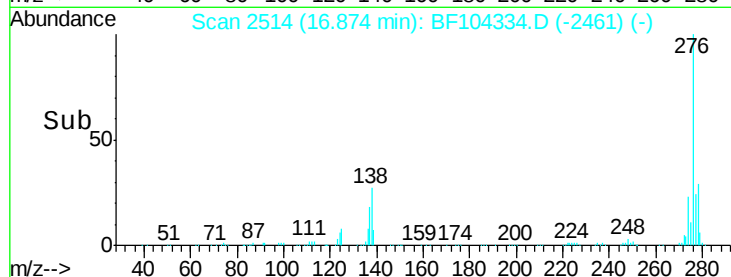
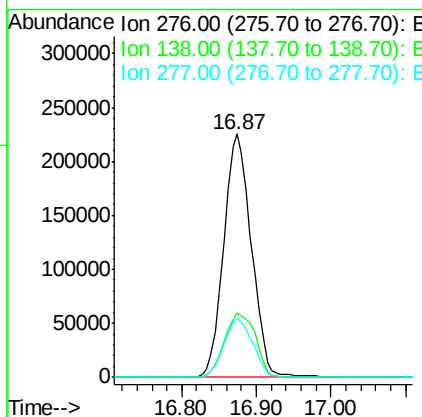
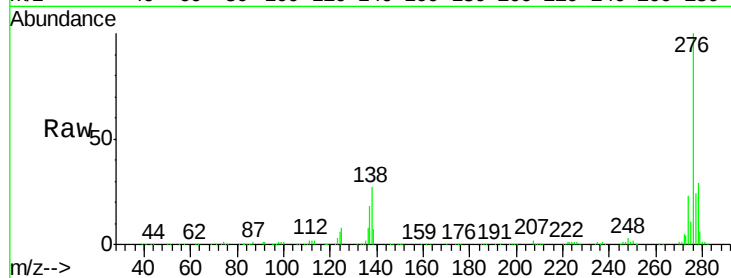
ClientSampleId :

PB108048BS

Tot Ion:	276	Resp:	579711
Ion Ratio	Lower	Upper	
276	100		
138	29.9	25.0	37.6
277	25.3	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

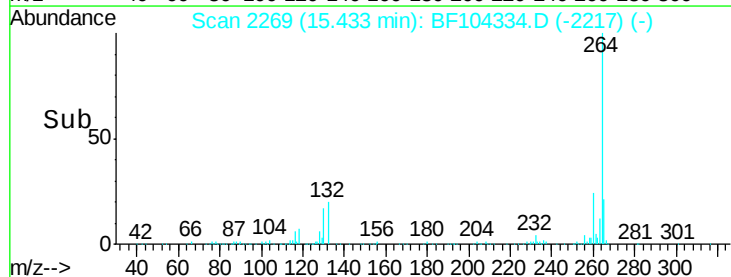
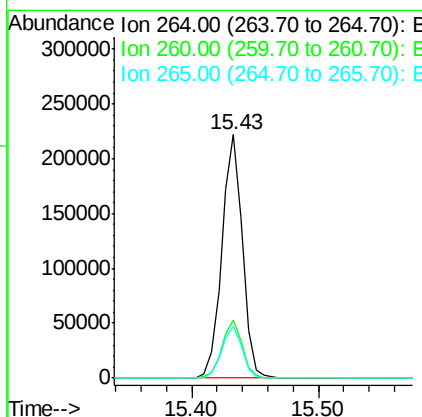
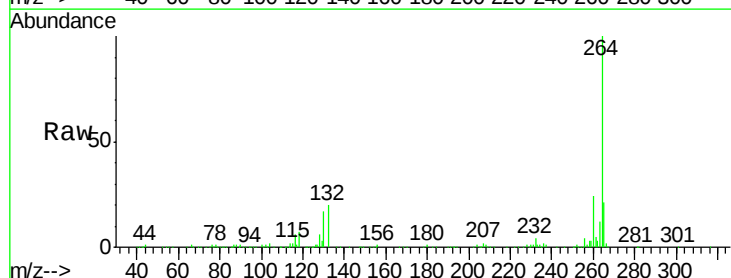
RT: 15.43 min Scan# 2269

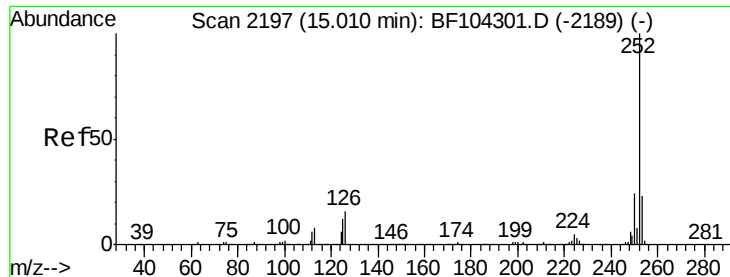
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	264	Resp:	249017
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.776 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Instrument :

BNA_F

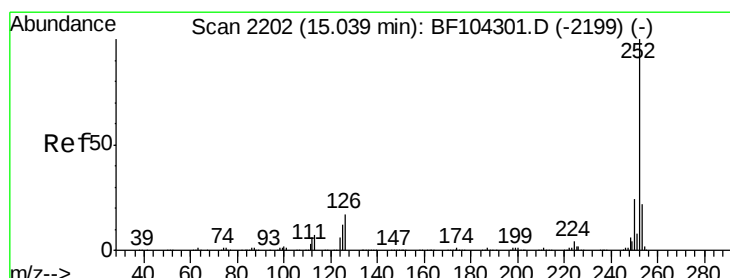
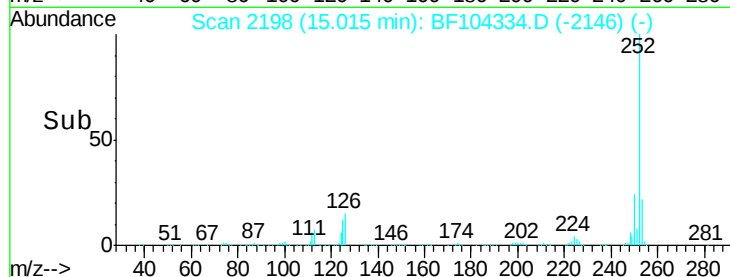
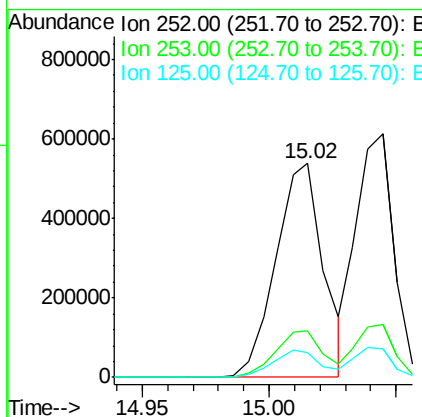
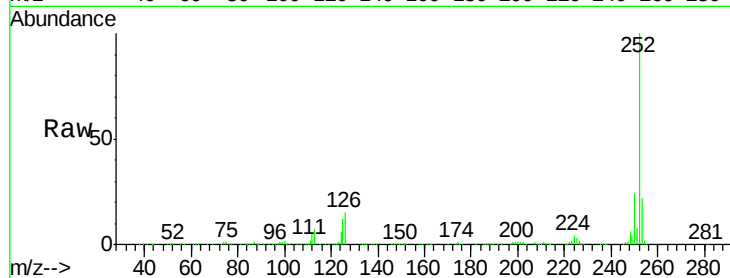
ClientSampleId :

PB108048BS

Tot Ion:	252	Resp:	704207
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	11.6	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.524 ng

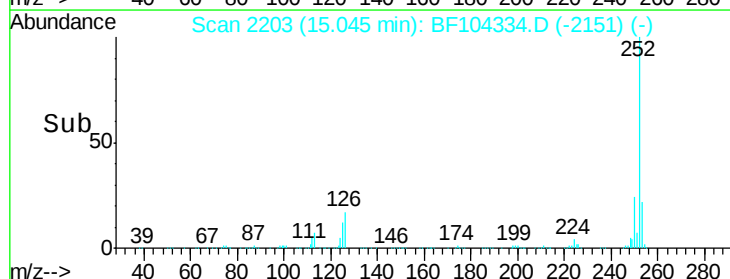
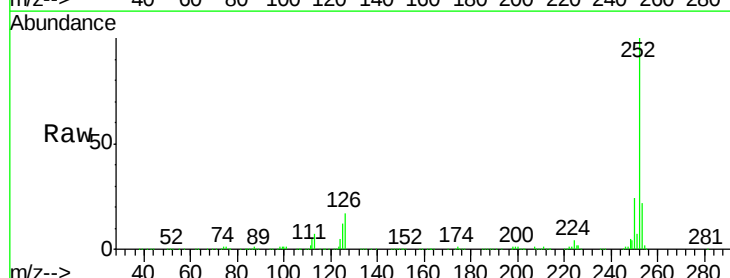
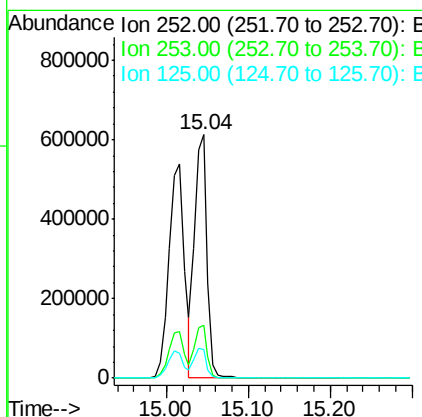
RT: 15.04 min Scan# 2203

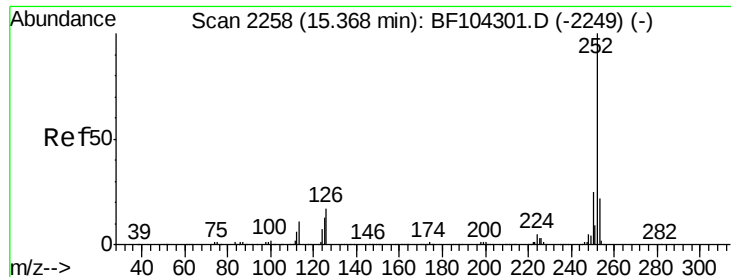
Delta R.T. 0.01 min

Lab File: BF104334.D

Acq: 7 Apr 2018 4:08

Tgt Ion:	252	Resp:	646245
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	11.5	10.2	15.2





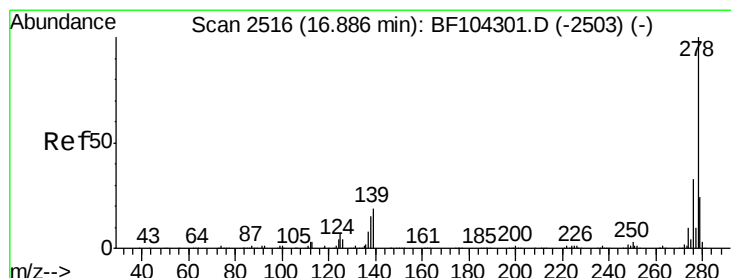
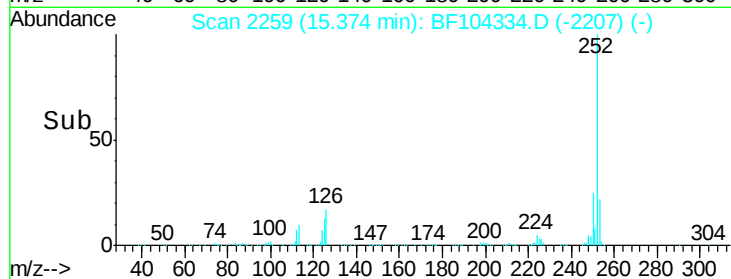
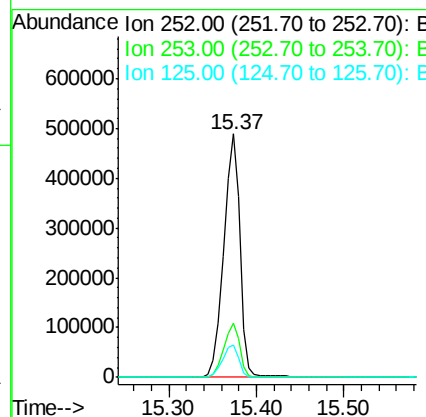
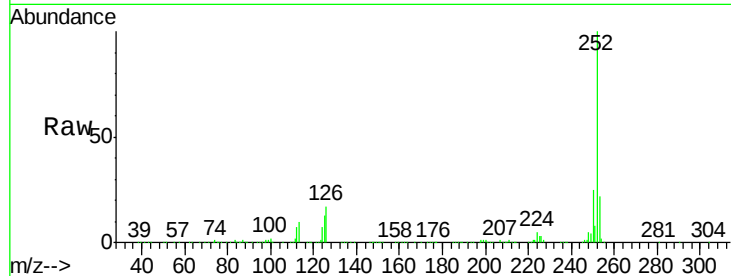
#89
Benzo(a)pyrene
Concen: 44.984 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Instrument :
BNA_F
ClientSampleId :
PB108048BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.5	9.8	14.6

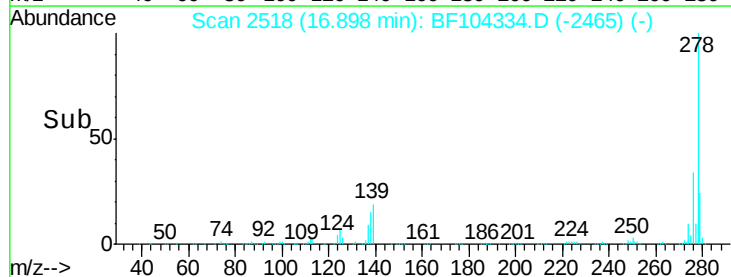
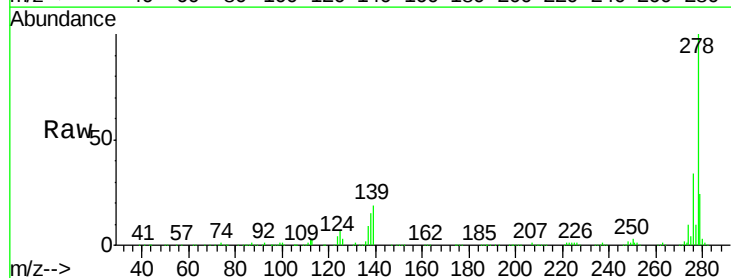
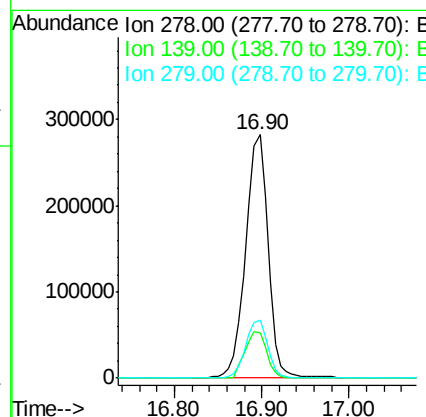
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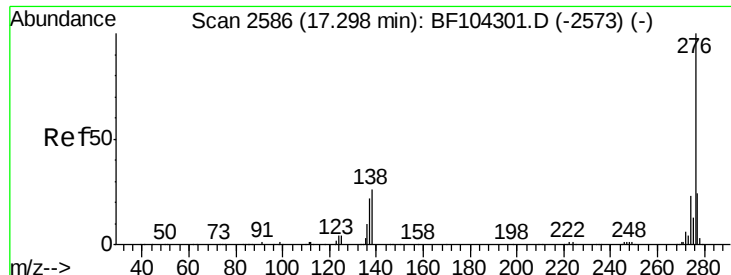
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#90
Dibenzo(a,h)anthracene
Concen: 42.362 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF104334.D
Acq: 7 Apr 2018 4:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.9	23.9
279	23.7	19.0	28.4





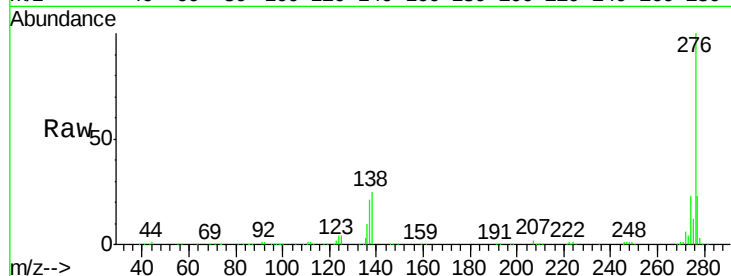
#91
 Benzo(a,h,i)perylene
 Concen: 40.390 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. 0.02 min
 Lab File: BF104334.D
 Acq: 7 Apr 2018 4:08

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BS

Tot Ion:	276	Resp:	452257
Ion Ratio		Lower	Upper
276	100		
277	23.1	17.9	26.9
138	24.6	21.8	32.8

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

