

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104330.D
 Acq On : 7 Apr 2018 2:21
 Operator : JU/SJ
 Sample : PB108046BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:48 AM

Quant Time: Apr 07 03:14:08 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	138749	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	558864	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246364	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	379131	20.00	ng	0.00
75) Chrysene-d12	13.97	240	254299	20.00	ng	0.00
86) Perylene-d12	15.43	264	233853	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	976907	107.66	ng	0.02
7) Phenol-d6	6.44	99	1213617	108.85	ng	0.01
23) Nitrobenzene-d5	7.37	82	719576	84.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	259694	101.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1294073	82.98	ng	0.00
78) Terphenyl-d14	12.92	244	918178	82.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	140356	33.195	ng	90
3) Pyridine	3.34	79	406044	34.156	ng	90
4) n-Nitrosodimethylamine	3.30	42	160064	38.518	ng	84
6) Aniline	6.47	93	245543	15.852	ng	97
8) 2-Chlorophenol	6.59	128	372597	38.903	ng	94
9) Benzaldehyde	6.35	77	107980	15.331	ng	98
10) Phenol	6.45	94	459418	38.836	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	350378	37.116	ng	96
12) 1,3-Dichlorobenzene	6.75	146	387811	35.742	ng	100
13) 1,4-Dichlorobenzene	6.82	146	389588	36.020	ng	98
14) 1,2-Dichlorobenzene	6.97	146	363630	36.280	ng	99
15) Benzyl Alcohol	6.95	79	316046	37.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	457343	36.074	ng	94
17) 2-Methylphenol	7.06	107	308424	37.047	ng	98
18) Hexachloroethane	7.32	117	129066	33.469	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	250766	34.420	ng	96
20) 3+4-Methylphenols	7.21	107	366194	35.466	ng	# 81
22) Acetophenone	7.22	105	495644	36.023	ng	98
24) Nitrobenzene	7.39	77	376026	39.794	ng	96
25) Isophorone	7.63	82	704710	38.938	ng	99
26) 2-Nitrophenol	7.70	139	178606	46.429	ng	97
27) 2,4-Dimethylphenol	7.74	122	354006	44.320	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	449060	40.582	ng	99
29) 2,4-Dichlorophenol	7.95	162	302112	39.641	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	306295	36.621	ng	99
31) Naphthalene	8.11	128	1045361	37.564	ng	99
32) Benzoic acid	7.86	122	219129	34.383	ng	99
33) 4-Chloroaniline	8.16	127	115092	9.654	ng	98
34) Hexachlorobutadiene	8.23	225	164743	35.960	ng	99
35) Caprolactam	8.53	113	100759m	37.898	ng	
36) 4-Chloro-3-methylphenol	8.64	107	322970	39.522	ng	99
37) 2-Methylnaphthalene	8.80	142	682531	37.917	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286514	40.627	ng	99
40) Hexachlorocyclopentadiene	8.95	237	92246	23.364	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	201996	41.260	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	210081	38.347	nq	98
45) 1,1'-Biphenyl	9.27	154	796099	38.466	nq	99
46) 2-Chloronaphthalene	9.29	162	629405	38.502	nq	100
47) 2-Nitroaniline	9.39	65	185661	45.925	nq	98
48) Acenaphthylene	9.71	152	947627	36.947	nq	99
49) Dimethylphthalate	9.57	163	751450	38.679	nq	99
50) 2,6-Dinitrotoluene	9.63	165	161405	44.899	nq	90
51) Acenaphthene	9.88	154	568915	36.354	nq	99
52) 3-Nitroaniline	9.80	138	95160	22.611	nq	93
53) 2,4-Dinitrophenol	9.90	184	24435	26.410	nq	# 25
54) Dibenzofuran	10.05	168	834872	38.282	nq	98
55) 4-Nitrophenol	9.96	139	256037	77.448	nq	99
56) 2,4-Dinitrotoluene	10.03	165	200062	42.427	nq	98
57) Fluorene	10.40	166	608481	38.332	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	159404	39.002	nq	96
59) Diethylphthalate	10.27	149	730859	37.773	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	282039	39.896	nq	98
61) 4-Nitroaniline	10.41	138	135483	32.924	nq	98
62) Azobenzene	10.55	77	677136	36.631	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	21708	17.304	nq	78
65) n-Nitrosodiphenylamine	10.51	169	572351	43.540	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	175784	43.589	nq	# 89
67) Hexachlorobenzene	10.94	284	177642	39.148	nq	93
68) Atrazine	11.03	200	178388	44.958	nq	99
69) Pentachlorophenol	11.13	266	175225	62.419	nq	97
70) Phenanthrene	11.36	178	804140	38.086	nq	99
71) Anthracene	11.41	178	827315	38.548	nq	99
72) Carbazole	11.56	167	739421	35.257	nq	100
73) Di-n-butylphthalate	11.90	149	1024422	39.987	nq	99
74) Fluoranthene	12.54	202	703290	31.881	nq	99
76) Benzidine	12.67	184	457814	61.118	nq	98
77) Pyrene	12.77	202	702292	37.258	nq	99
79) Butylbenzylphthalate	13.40	149	343161	38.643	nq	99
80) Benzo(a)anthracene	13.97	228	589121	38.778	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	211613	37.358	nq	98
82) Chrysene	14.00	228	591527	37.907	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	445053	38.964	nq	99
84) Di-n-octyl phthalate	14.58	149	786282	41.198	nq	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	467470	35.265	nq	98
87) Benzo(b)fluoranthene	15.02	252	603240	40.843	nq	100
88) Benzo(k)fluoranthene	15.04	252	562743	40.357	nq	98
89) Benzo(a)pyrene	15.37	252	526789	39.862	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	398023	36.672	nq	98
91) Benzo(g,h,i)perylene	17.31	276	362508	34.474	nq	97

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

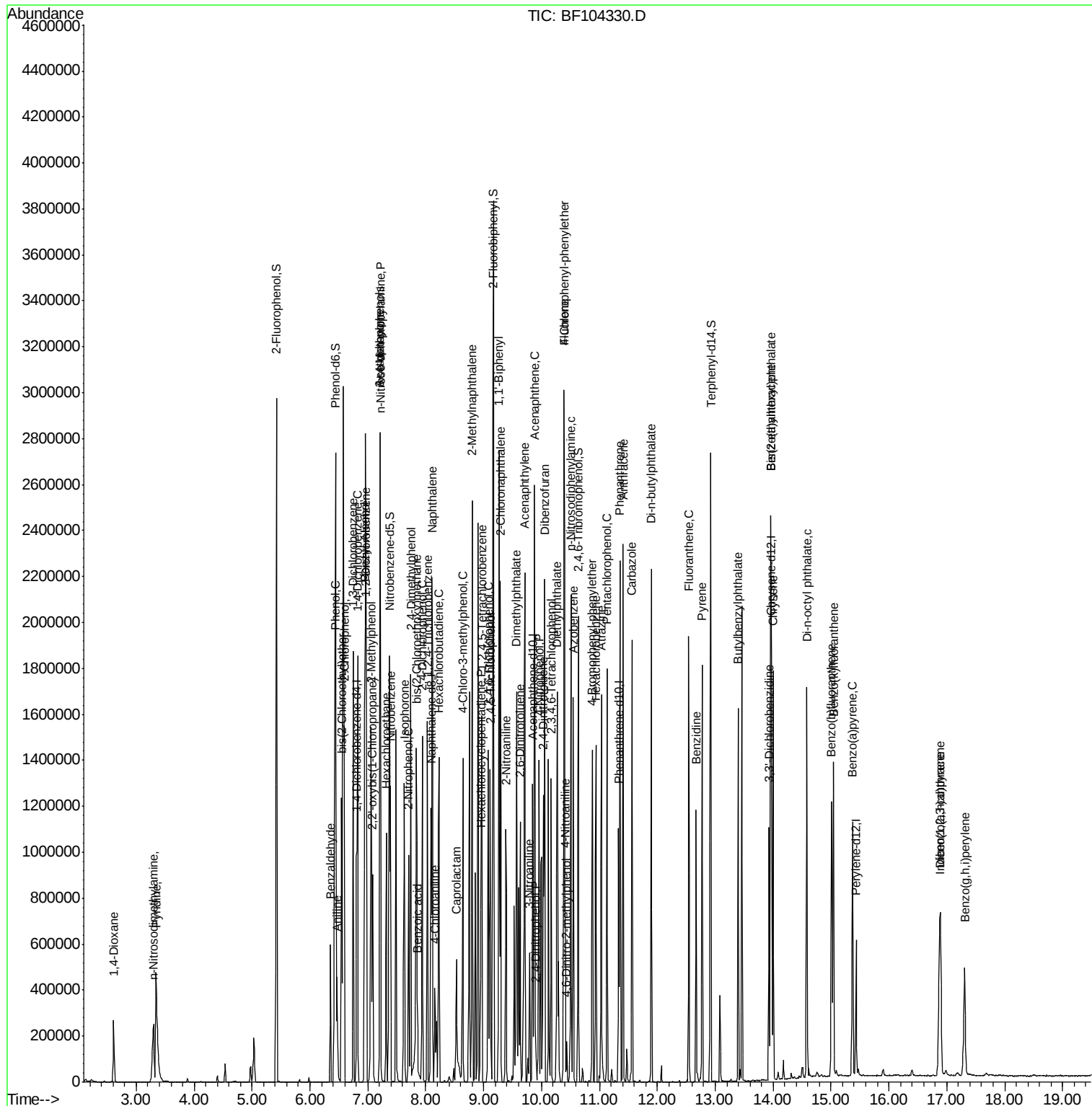
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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ALS Vial : 26 Sample Multiplier: 1

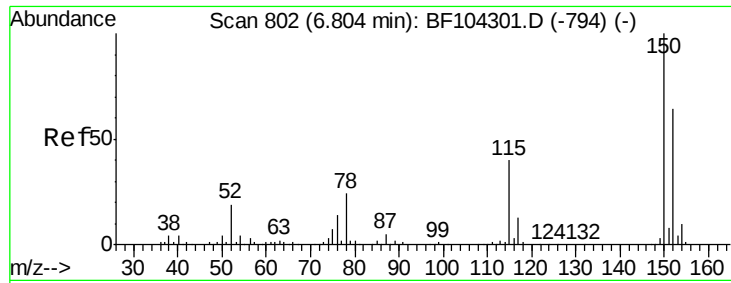
Instrument :
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#1

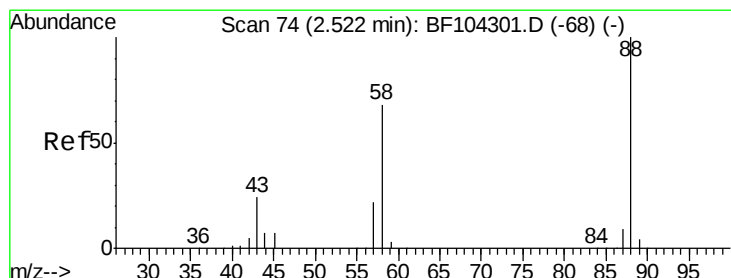
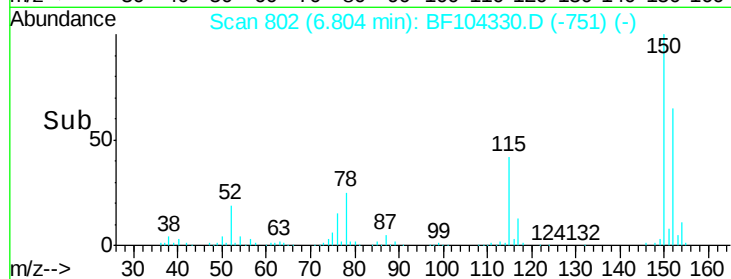
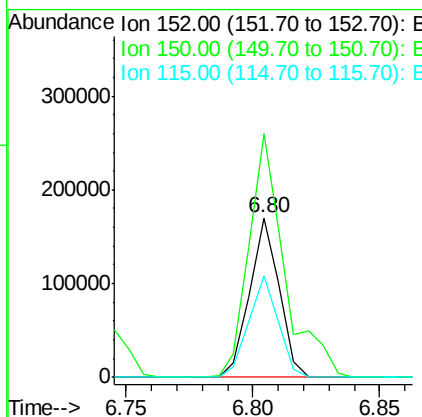
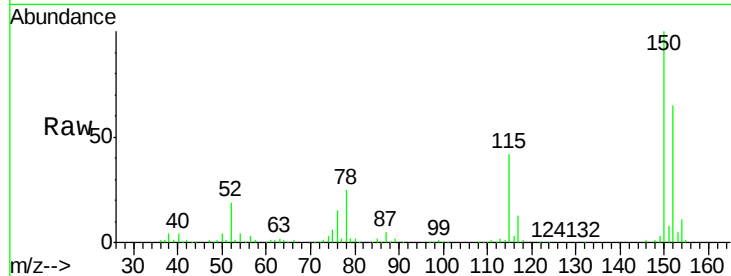
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	64.0	50.1	75.1

Manual Integrations
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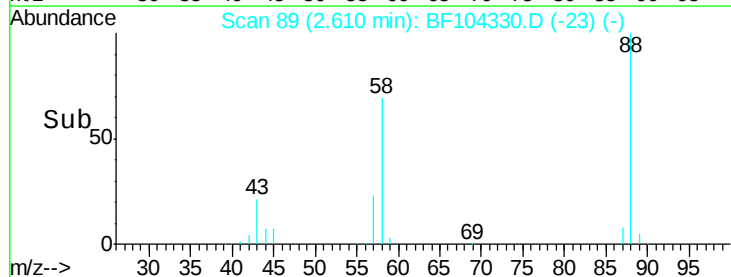
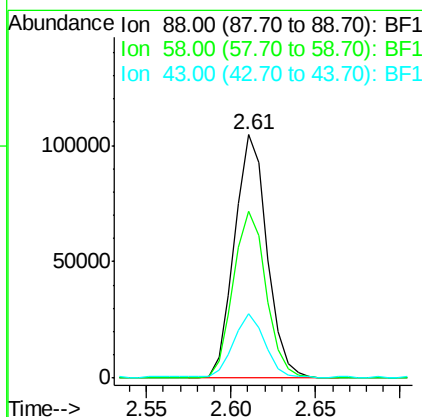
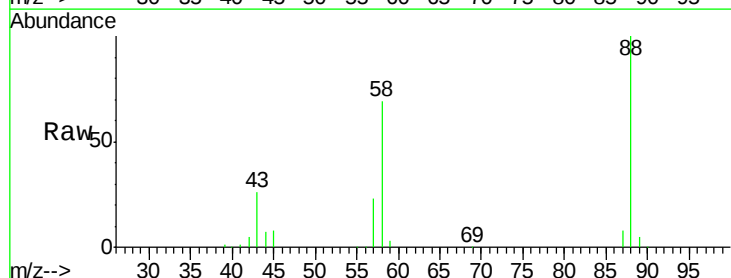
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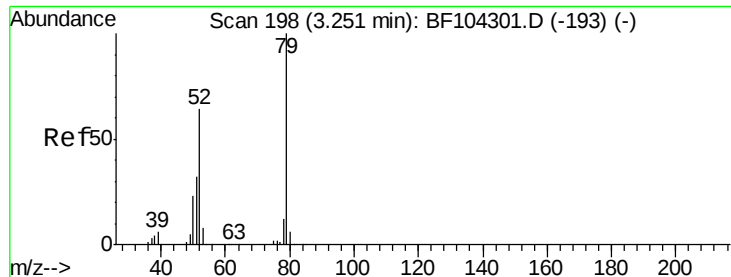


#2

1,4-Dioxane
Concen: 33.195 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	62.6	93.8
43	25.8	24.6	37.0





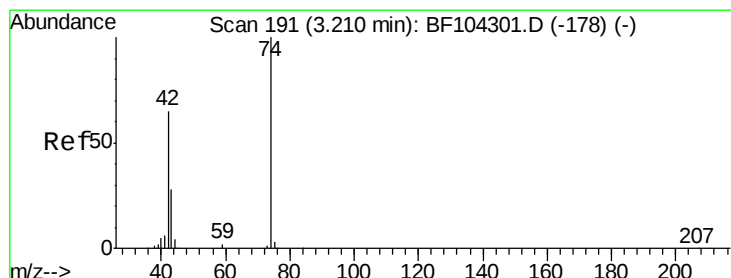
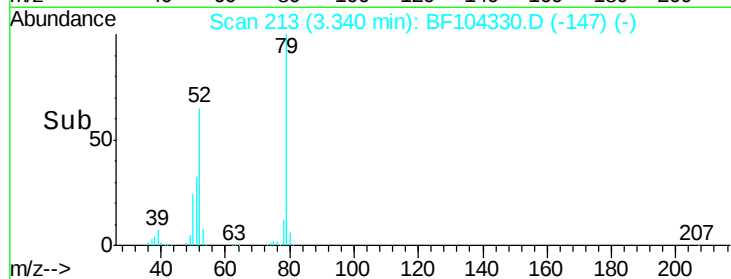
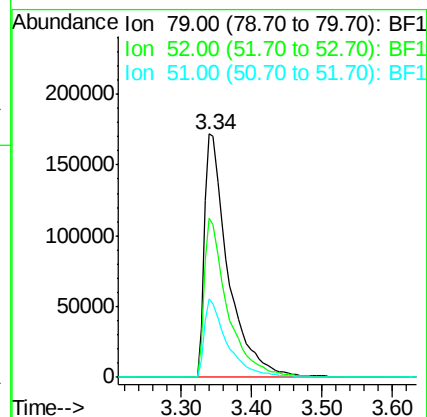
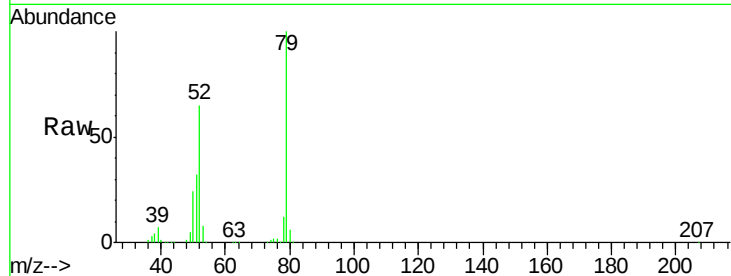
#3
 Pvrindine
 Concen: 34.156 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	65.3	59.8	89.6	
51	32.1	29.8	44.8	

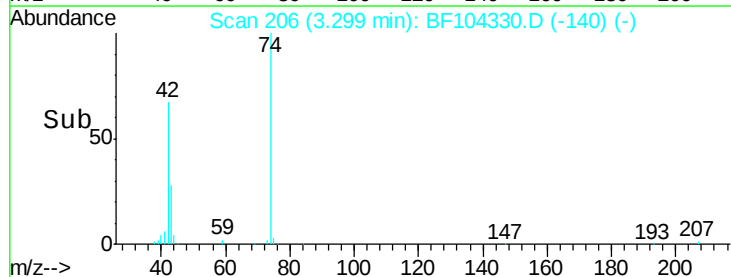
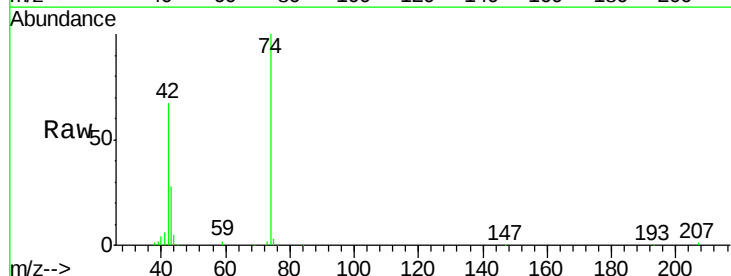
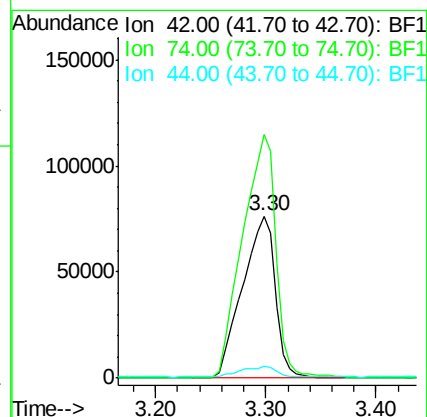
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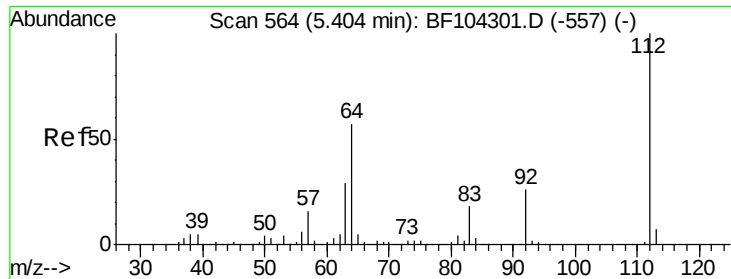
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#4
 n-Nitrosodimethylamine
 Concen: 38.518 ng
 RT: 3.30 min Scan# 206
 Delta R.T. 0.09 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	150.3	104.9	157.3	
44	7.5	6.9	10.3	





#5

2-Fluorophenol

Concen: 107.658 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

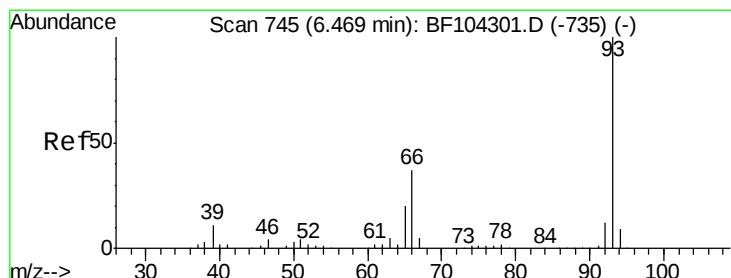
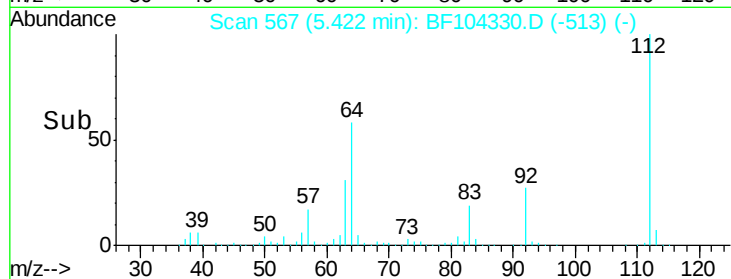
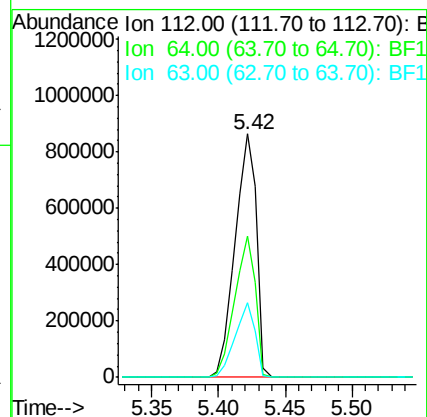
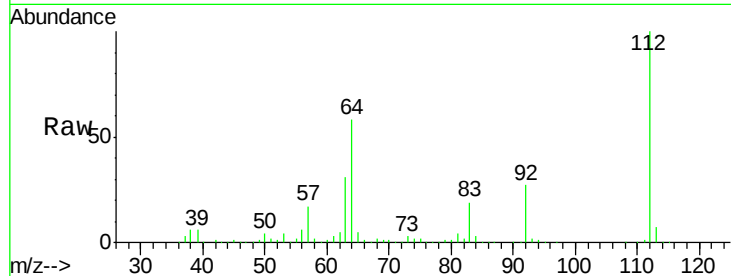
ClientSampleId :

PB108046BS

Tot Ion:	112	Resp:	976907
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.9	71.9
63	30.6	23.7	35.5

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#6

Aniline

Concen: 15.852 ng

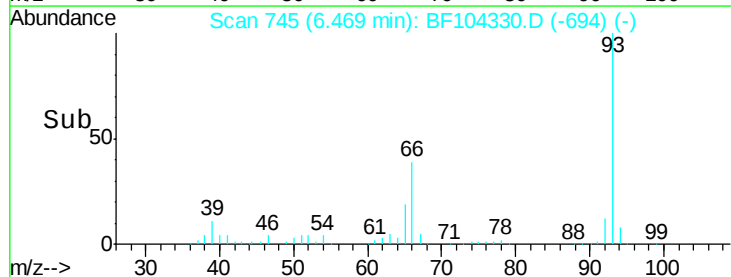
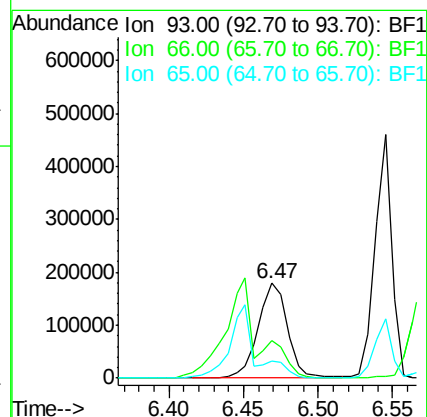
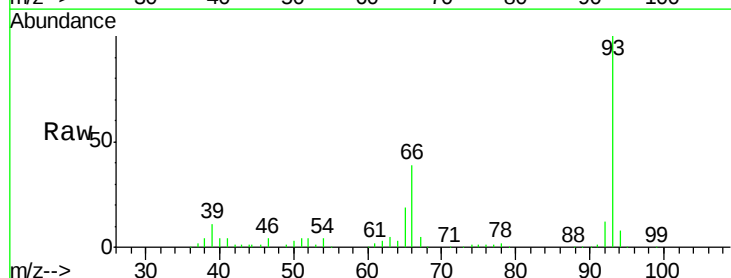
RT: 6.47 min Scan# 745

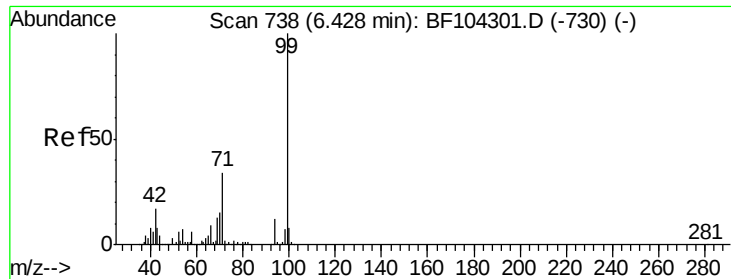
Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	93	Resp:	245543
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.2	48.2
65	18.6	16.4	24.6





#7

Phenol-d6

Concen: 108.852 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

Tot Ion: 99 Resp: 1213617

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

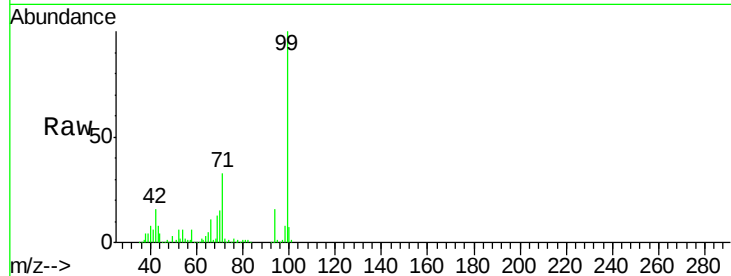
71 33.0 25.4 38.0

Manual Integrations

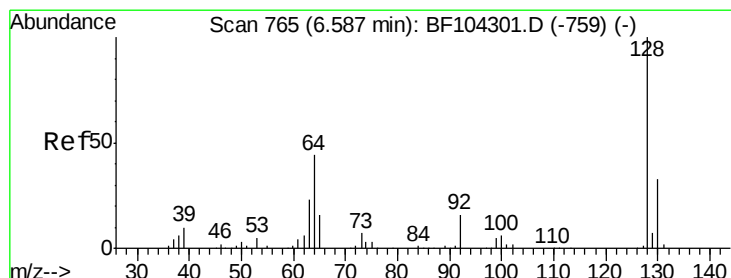
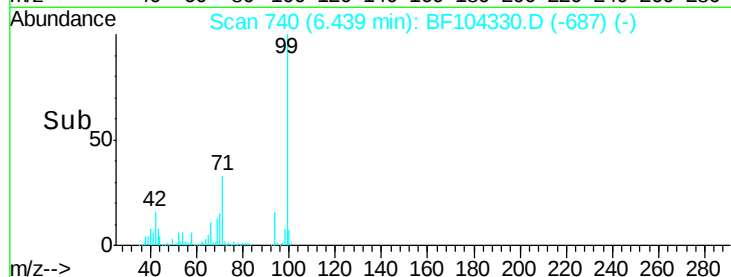
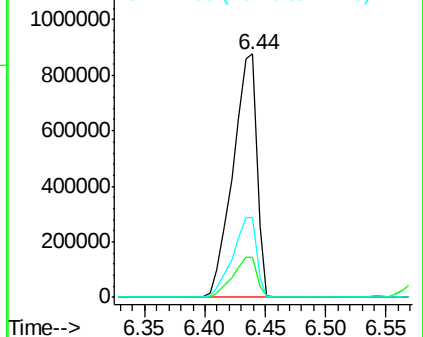
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.903 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

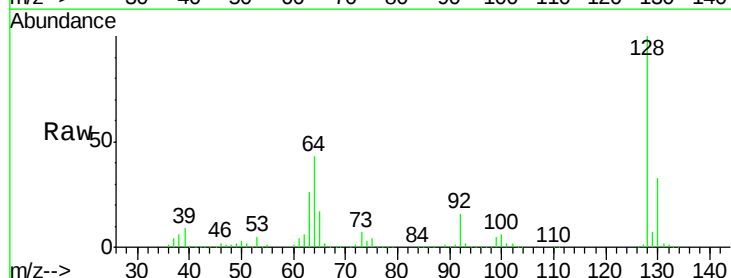
Tgt Ion: 128 Resp: 372597

Ion Ratio Lower Upper

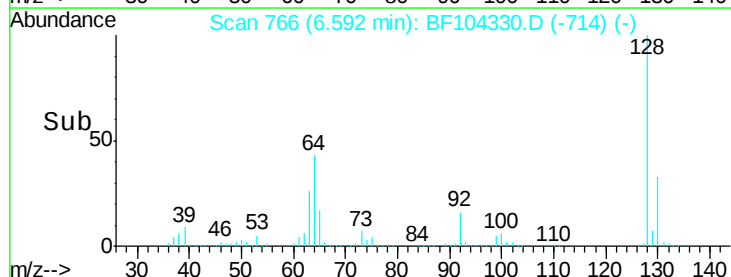
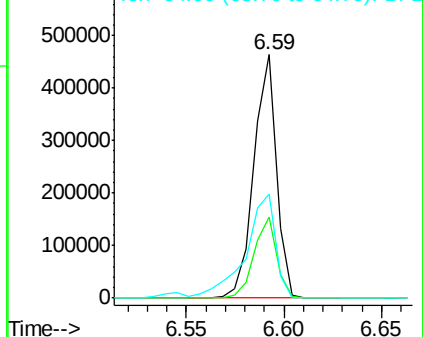
128 100

130 33.2 13.0 53.0

64 42.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 15.331 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF104330.D

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Instrument :

BNA_F

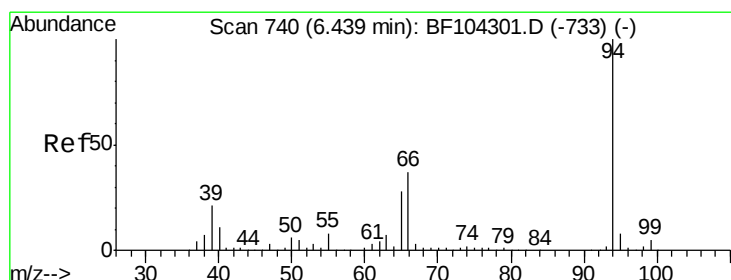
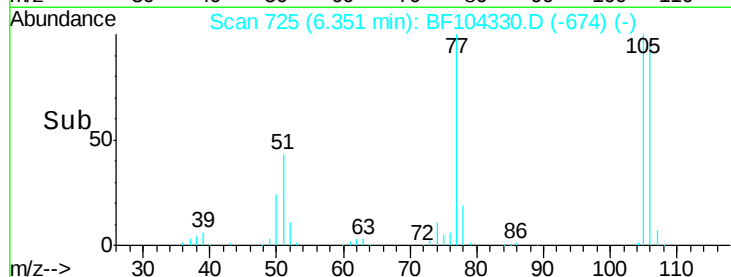
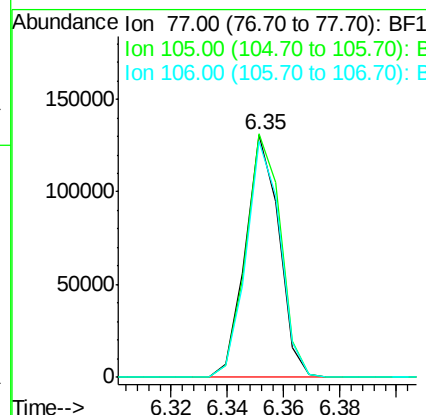
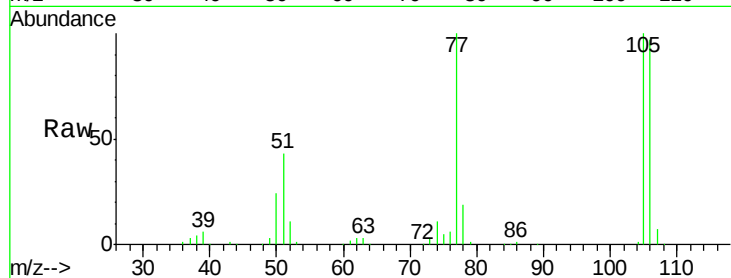
ClientSampleId :

PB108046BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.5	81.1	121.1
106	97.3	74.5	114.5

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#10

Phenol

Concen: 38.836 ng

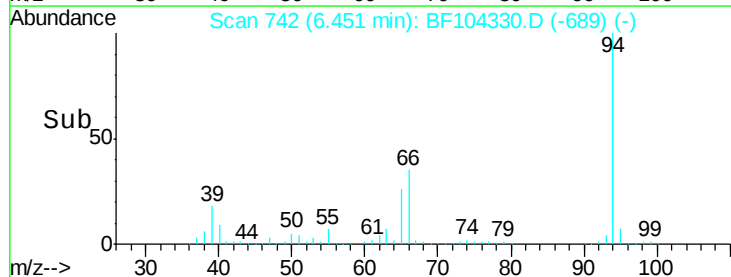
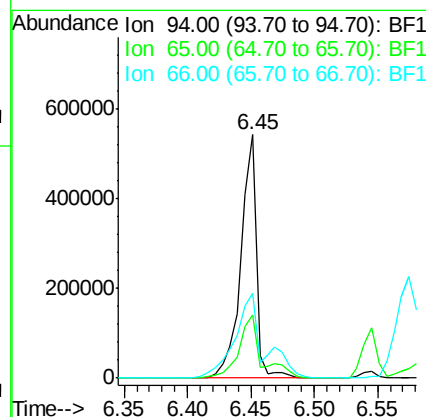
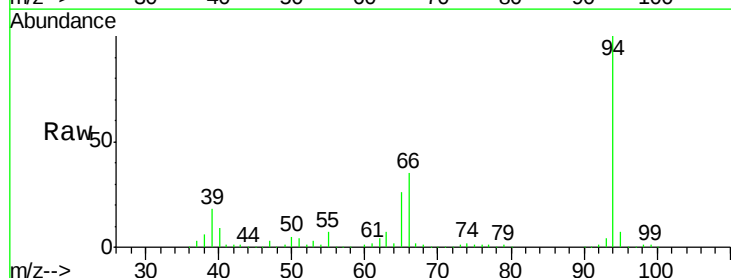
RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.7	7.9	47.9
66	34.8	16.2	56.2





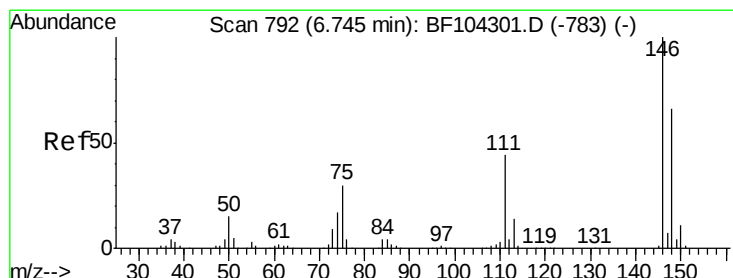
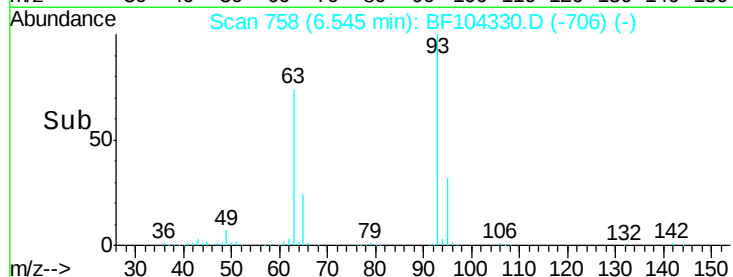
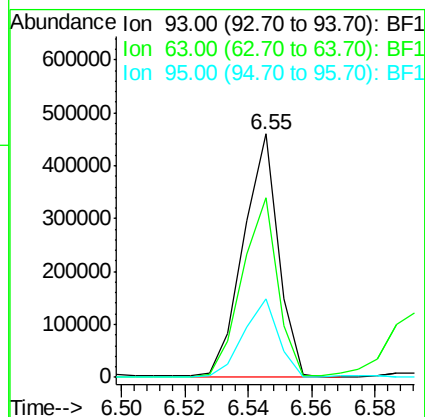
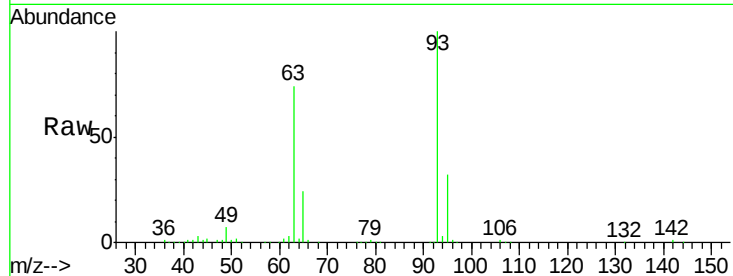
#11
bis(2-Chloroethyl)ether
Concen: 37.116 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion:	93	Resp:	350378
Ion Ratio	Lower	Upper	
93	100		
63	73.9	58.6	98.6
95	32.1	11.8	51.8

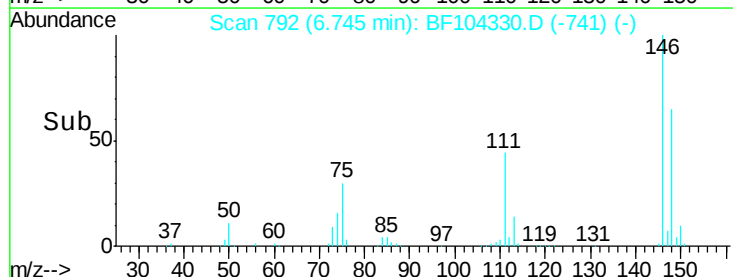
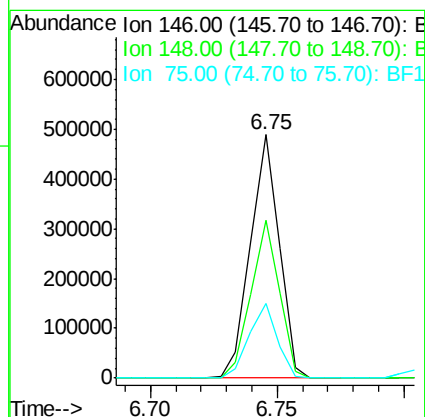
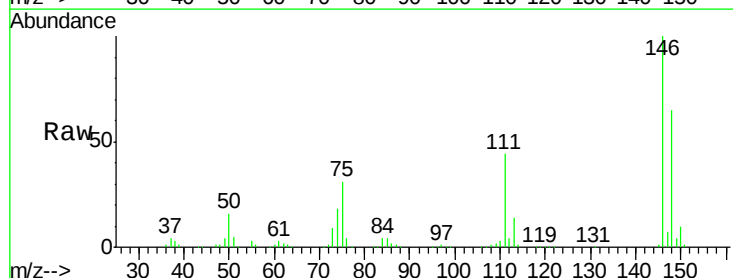
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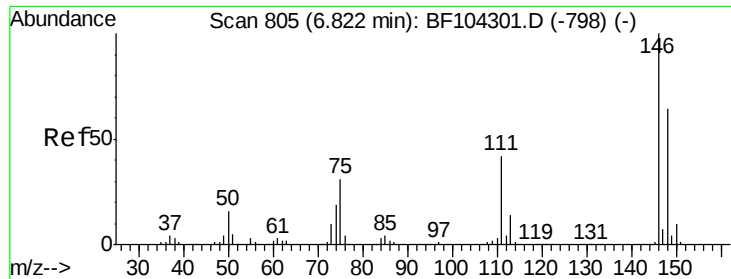
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#12
1,3-Dichlorobenzene
Concen: 35.742 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:	146	Resp:	387811
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
75	30.9	24.2	36.4





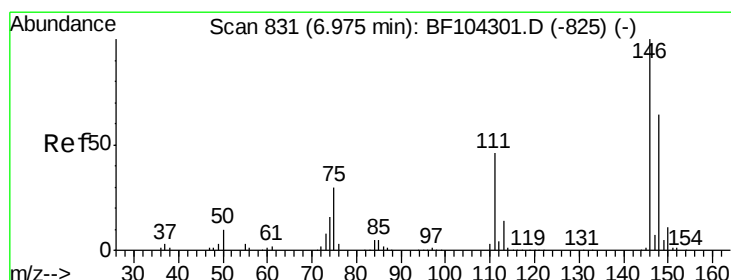
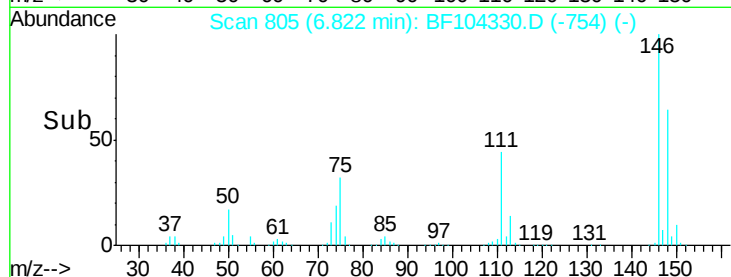
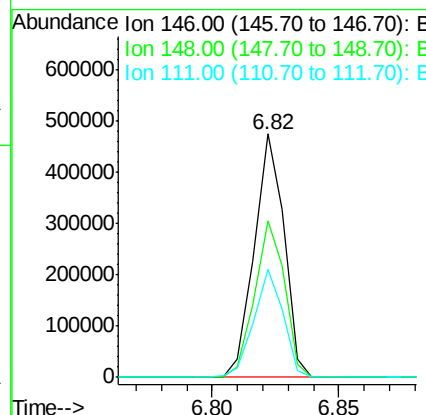
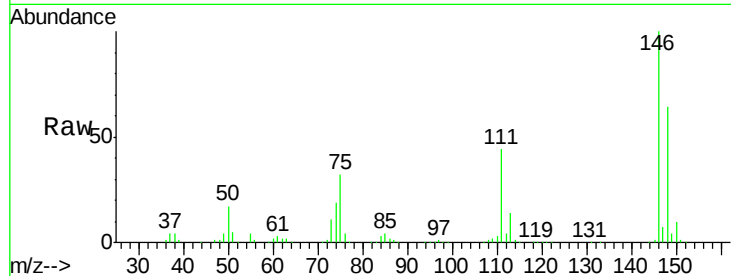
#13
 1,4-Dichlorobenzene
 Concen: 36.020 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	44.4	34.2	51.2

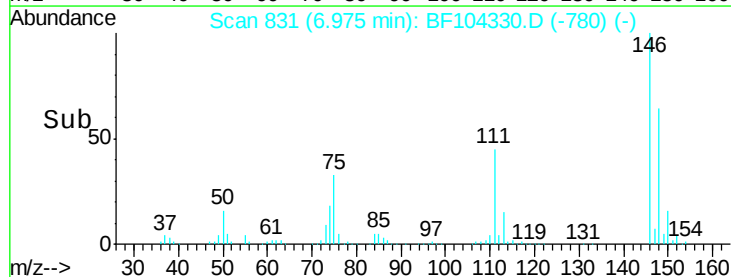
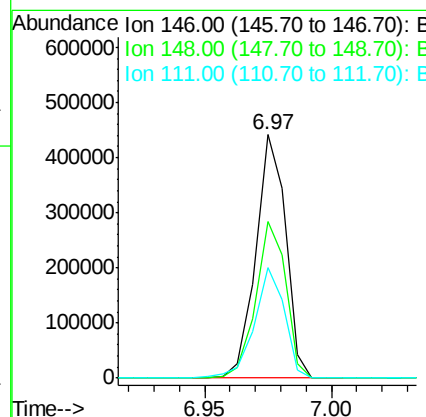
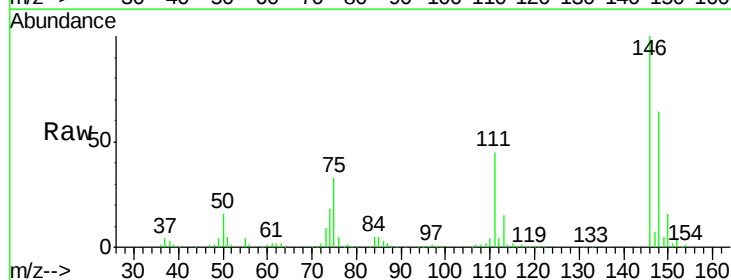
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#14
 1,2-Dichlorobenzene
 Concen: 36.280 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	45.3	36.0	54.0





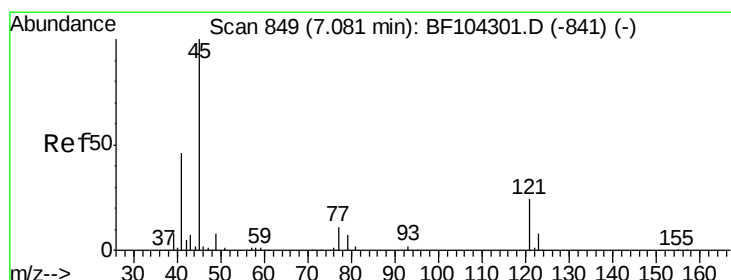
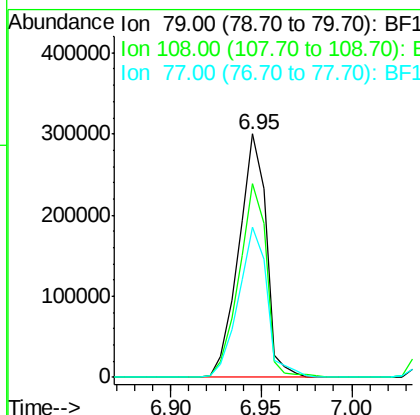
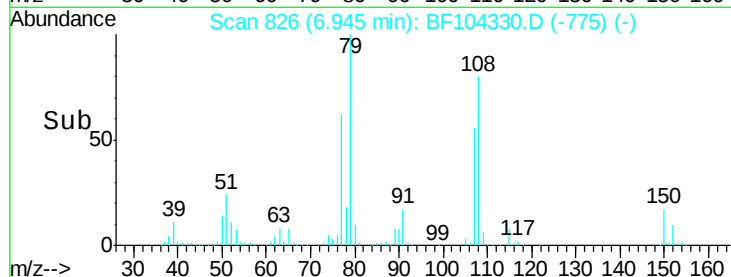
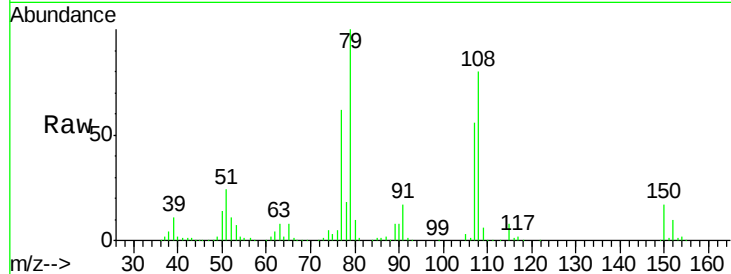
#15
Benzyl Alcohol
Concen: 37.322 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	65.1	97.7
77	61.8	50.6	75.8

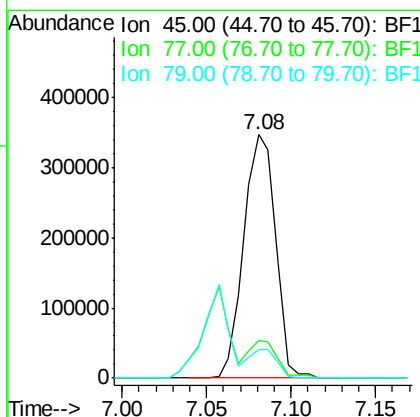
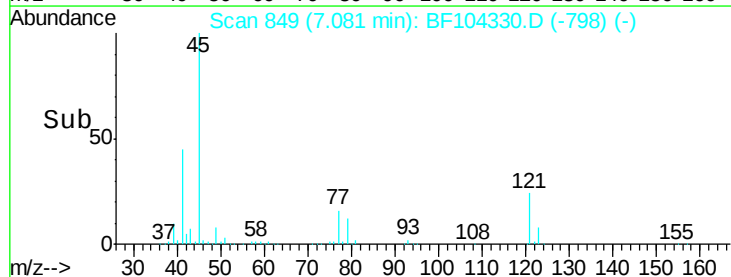
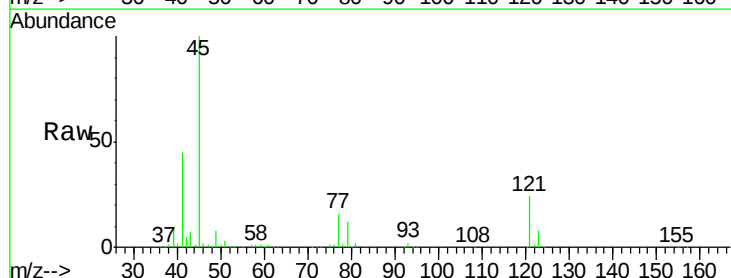
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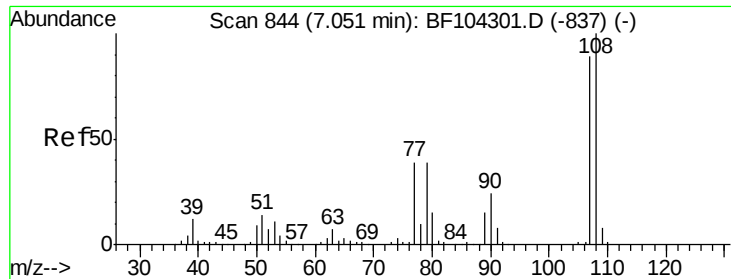
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.074 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	32.9
79	11.7	0.0	29.6





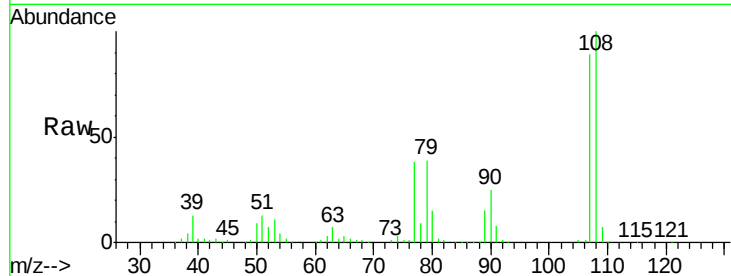
#17
2-Methylphenol
Concen: 37.047 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

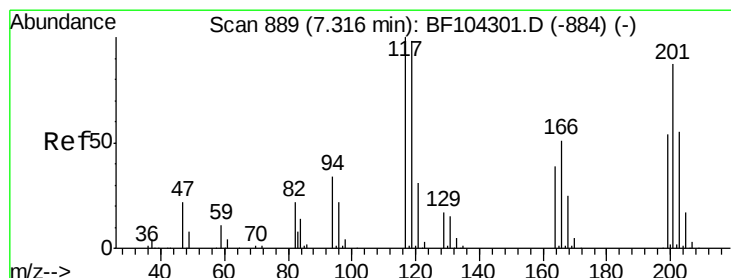
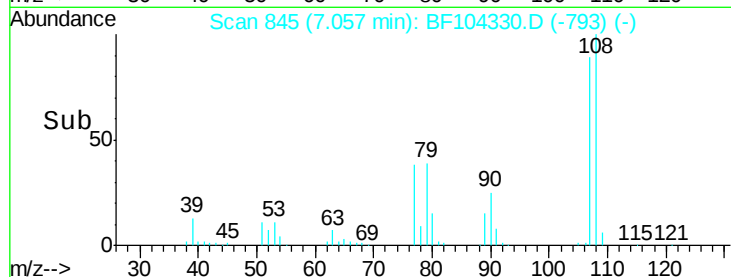
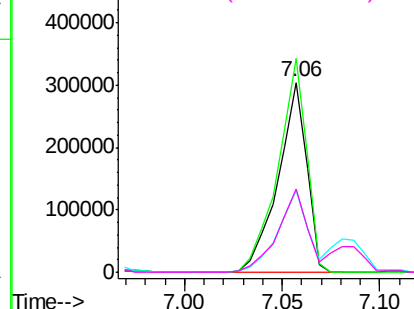
Tot Ion:	107	Resp:	308424
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	43.2	33.8	50.8
79	44.0	33.8	50.8

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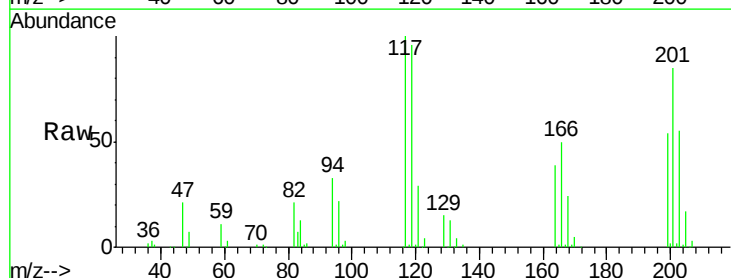


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

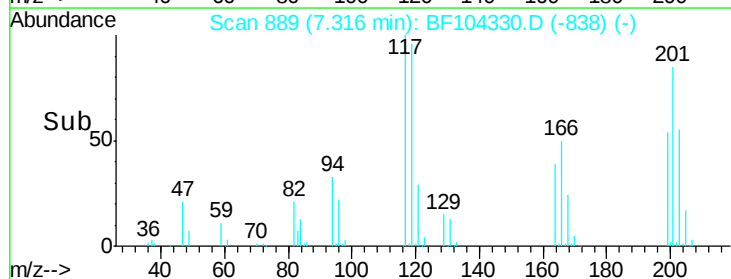
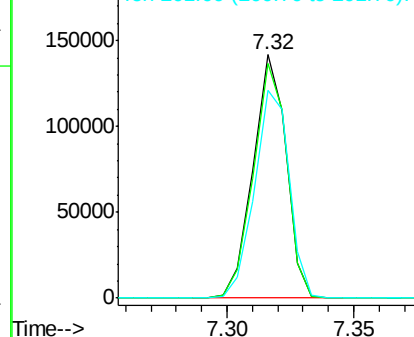


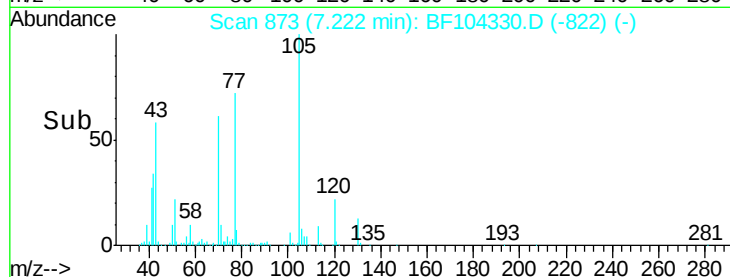
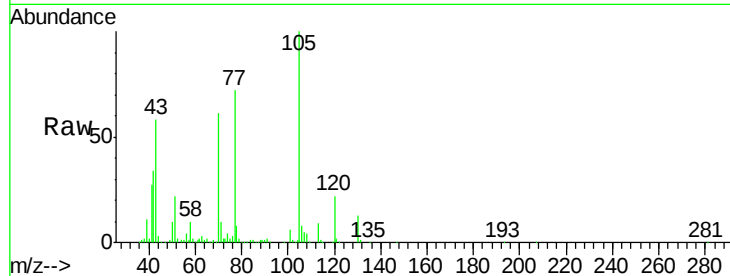
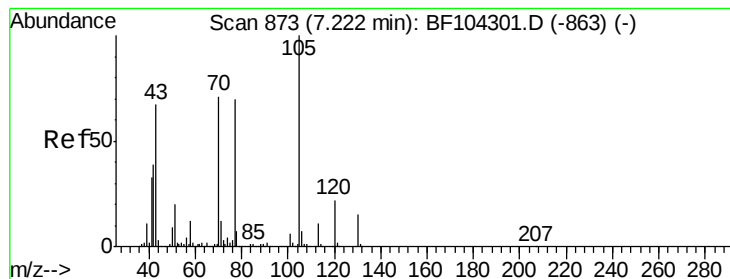
#18
Hexachloroethane
Concen: 33.469 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion:	117	Resp:	129066
Ion Ratio	Lower	Upper	
117	100		
119	96.1	75.8	113.8
201	85.4	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.420 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

Tot Ion: 70 Resp: 250766

Ion Ratio Lower Upper

70 100

42 55.4 47.5 71.3

101 9.3 7.4 11.2

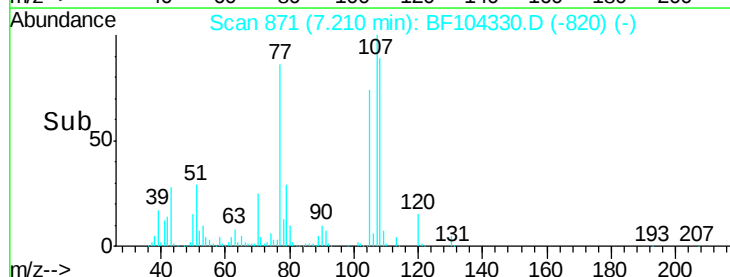
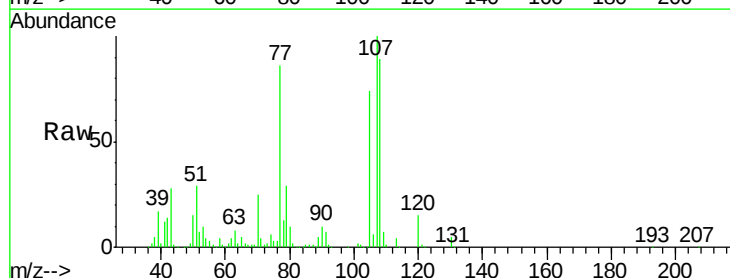
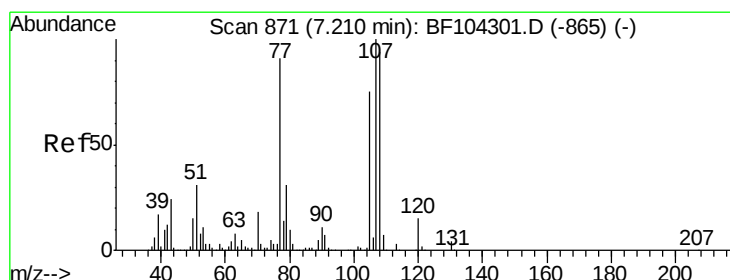
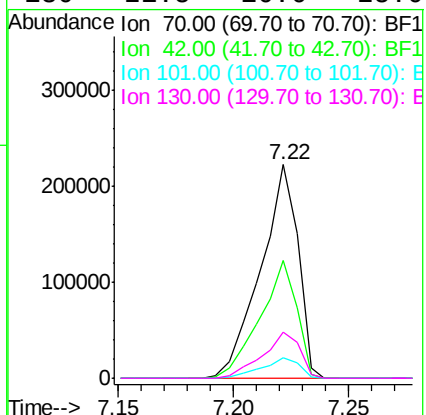
130 21.5 16.6 25.0

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#20

3+4-Methylphenols

Concen: 35.466 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion: 107 Resp: 366194

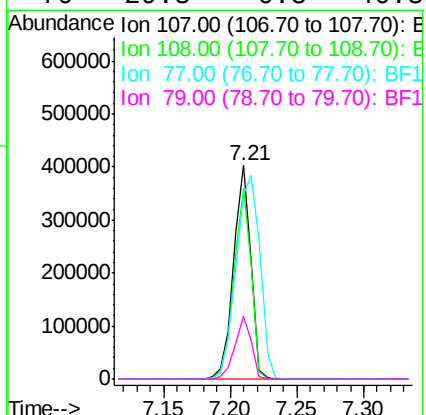
Ion Ratio Lower Upper

107 100

108 89.5 68.2 108.2

77 86.3 26.7 66.7#

79 29.3 6.3 46.3





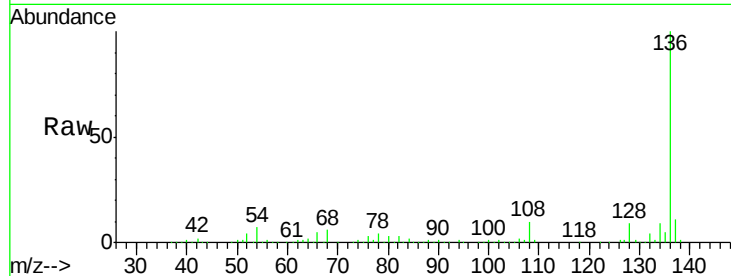
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

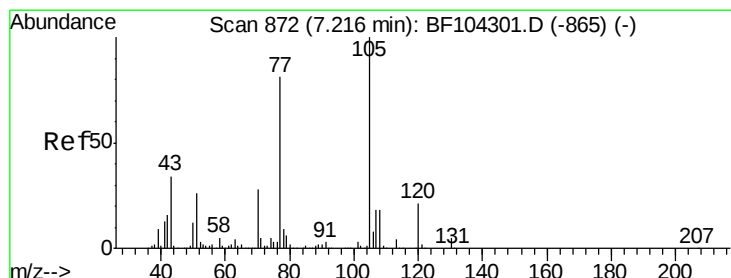
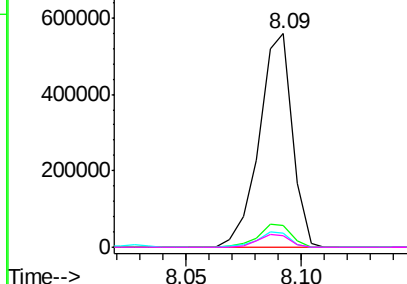
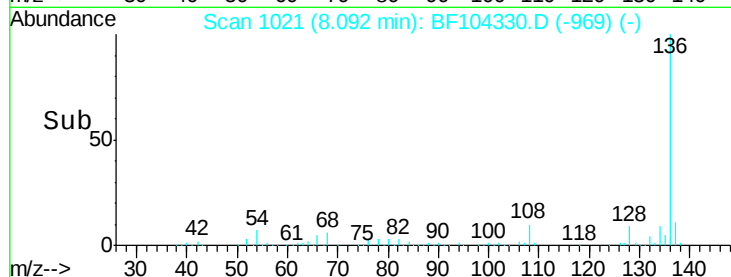
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.5		8.9	13.3	
54	6.6		6.6	9.8	
68	5.7		5.0	7.4	

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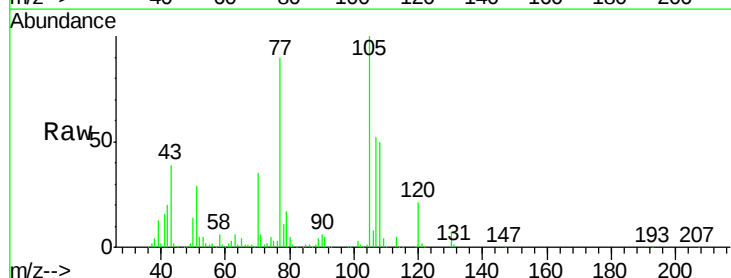


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

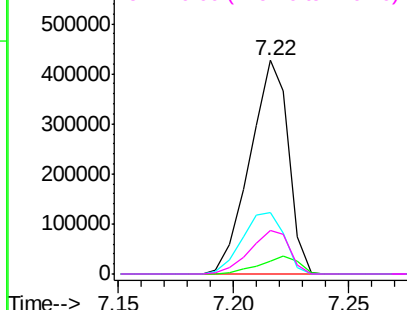
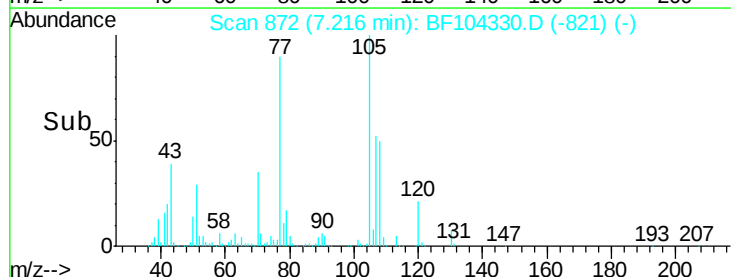


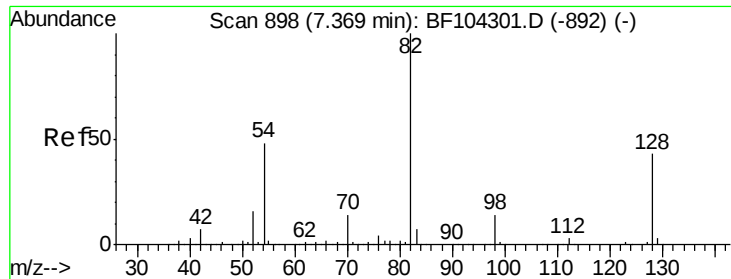
#22
Acetophenone
Concen: 36.023 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.8		4.4	6.6	
51	29.1		22.3	33.5	
120	20.7		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





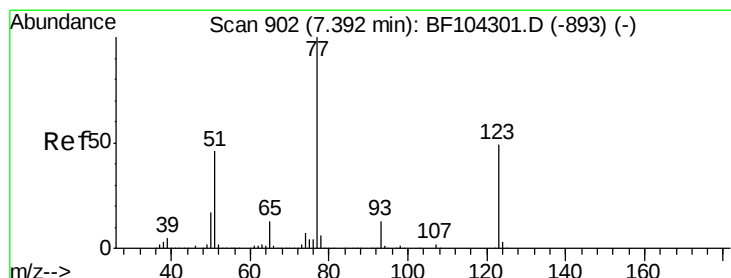
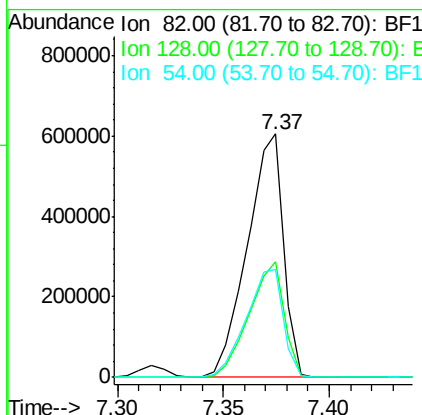
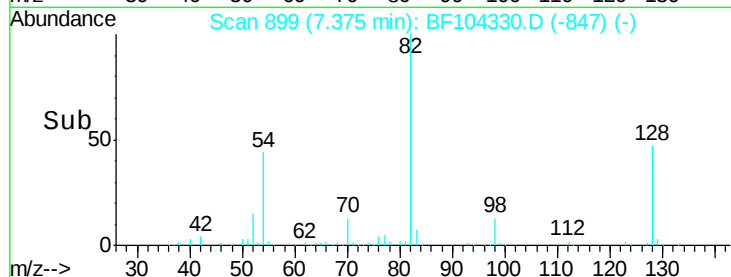
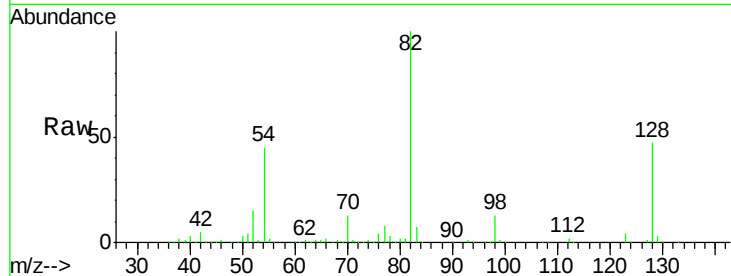
#23
Nitrobenzene-d5
Concen: 84.076 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	44.5	41.4	62.2

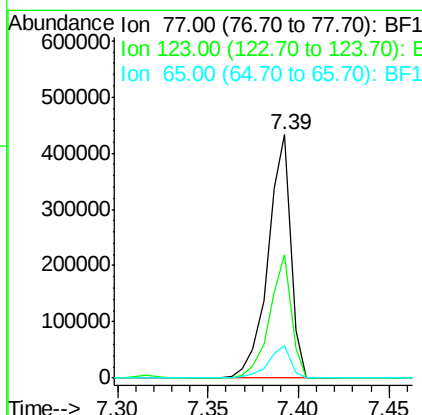
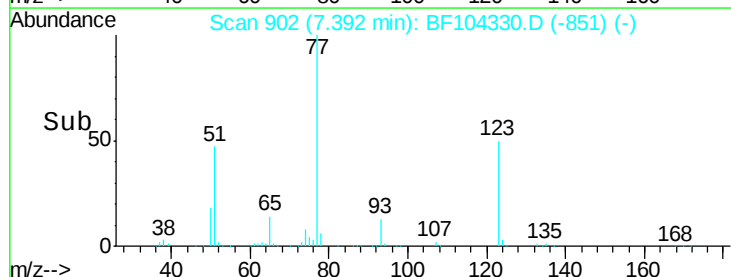
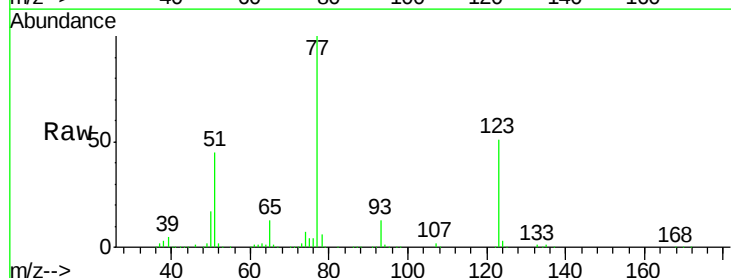
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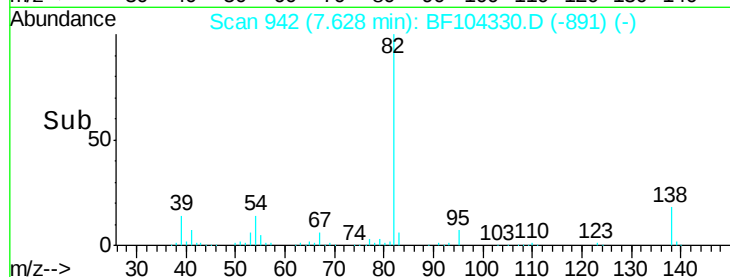
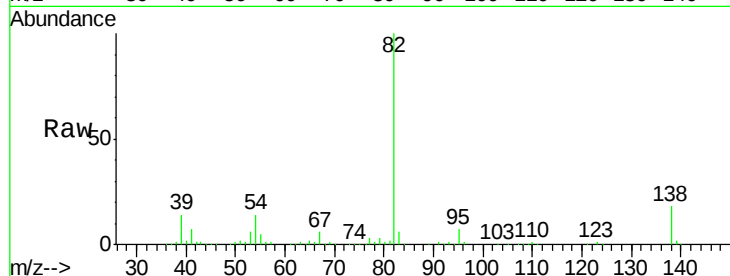
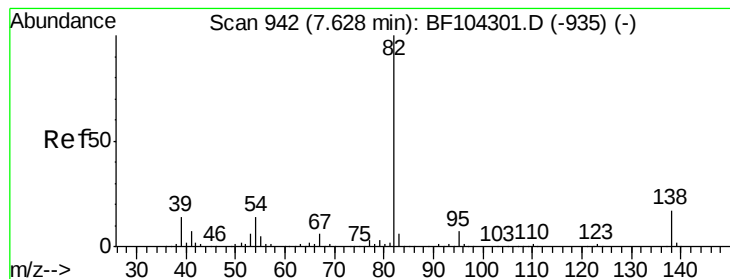
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#24
Nitrobenzene
Concen: 39.794 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 38.938 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tot Ion:	82	Resp:	704710
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.0	14.9	22.3

Instrument :

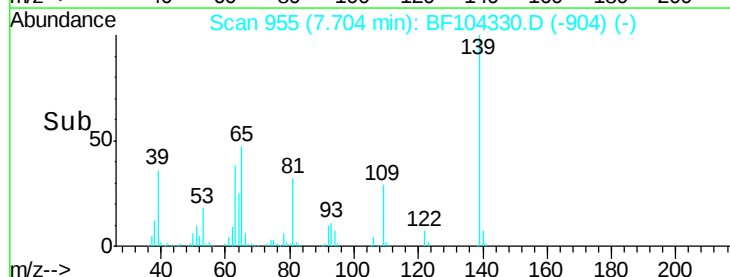
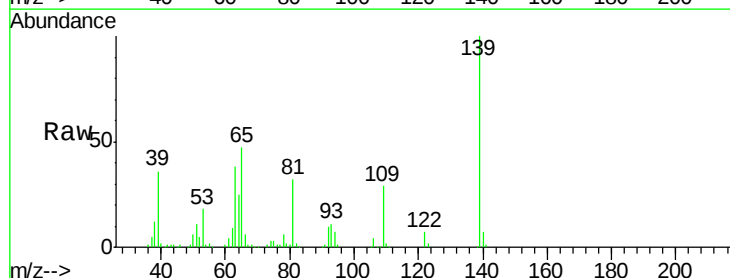
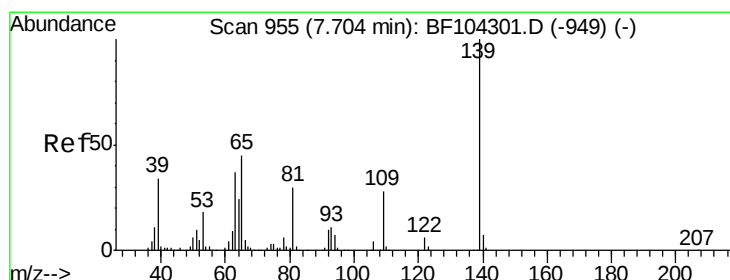
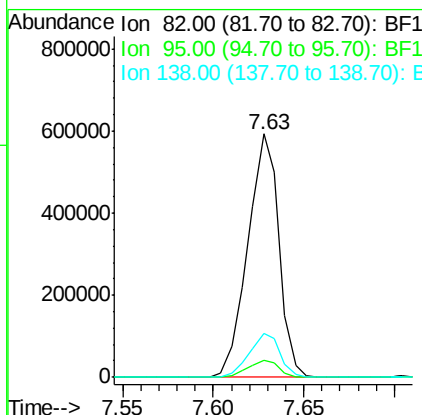
BNA_F

ClientSampleId :

PB108046BS

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#26

2-Nitrophenol

Concen: 46.429 ng

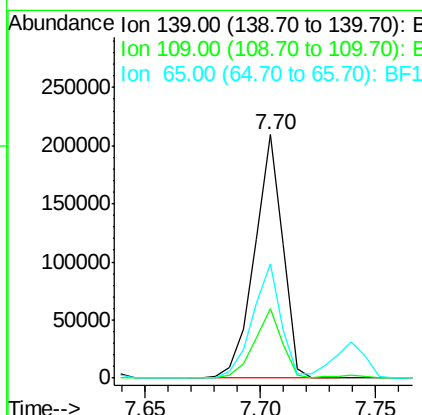
RT: 7.70 min Scan# 955

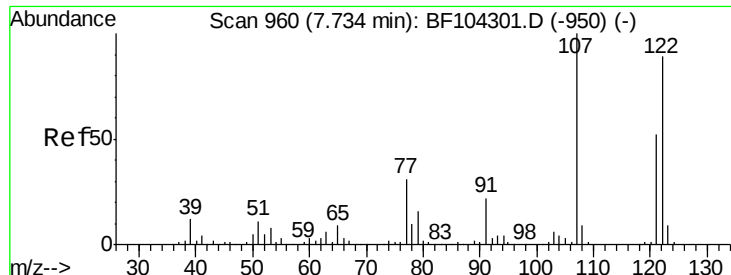
Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	139	Resp:	178606
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.7	34.1
65	47.1	40.5	60.7





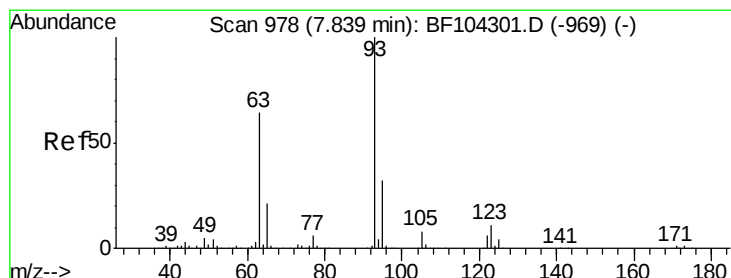
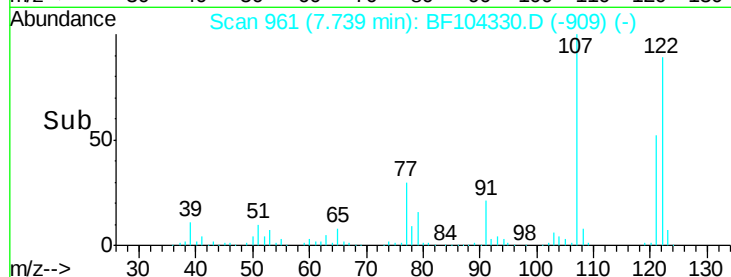
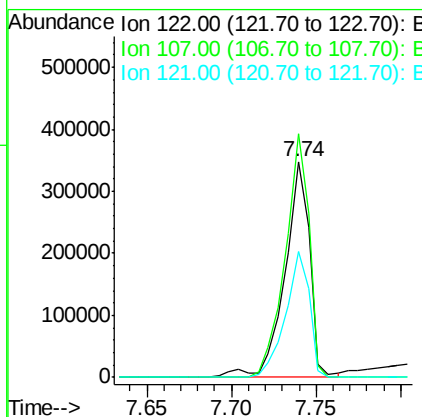
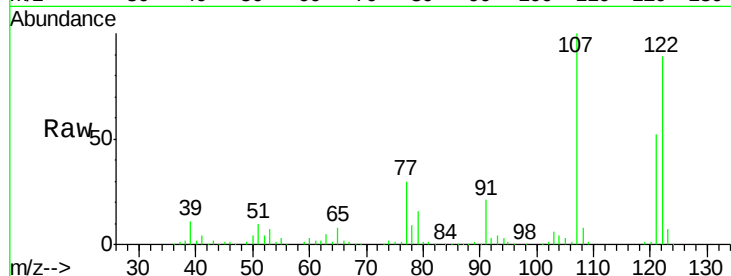
#27
2,4-Dimethylphenol
Concen: 44.320 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampled :
PB108046BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.2	136.8
121	58.6	47.2	70.8

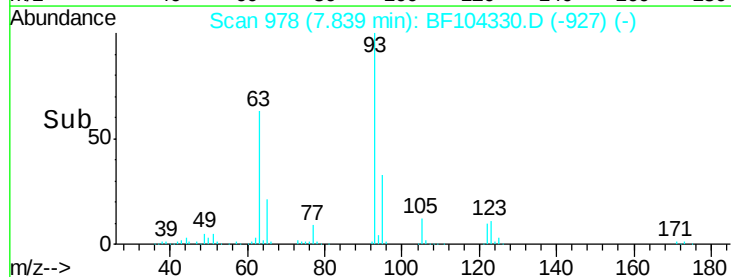
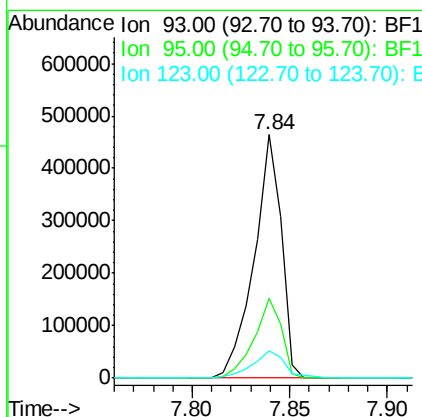
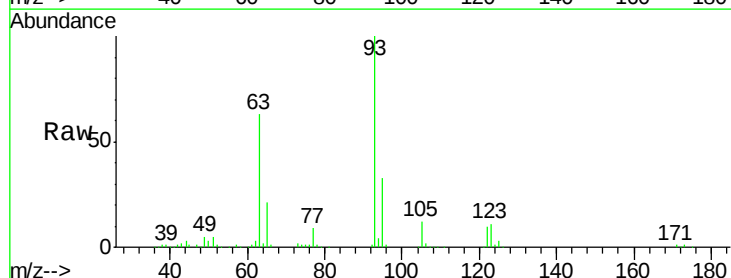
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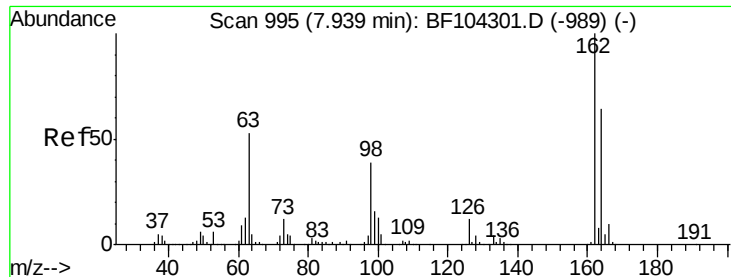
Sohil
4/9/2018 11:18:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.582 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.641 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

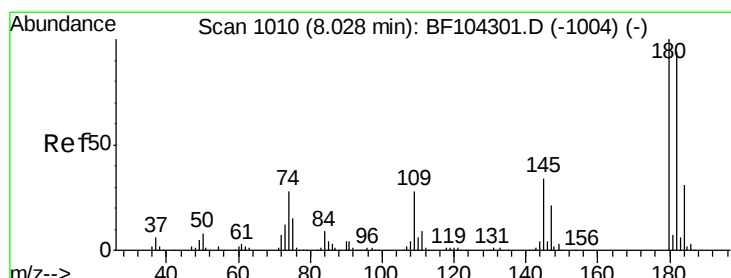
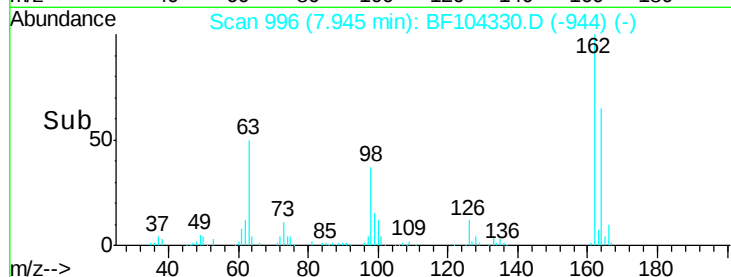
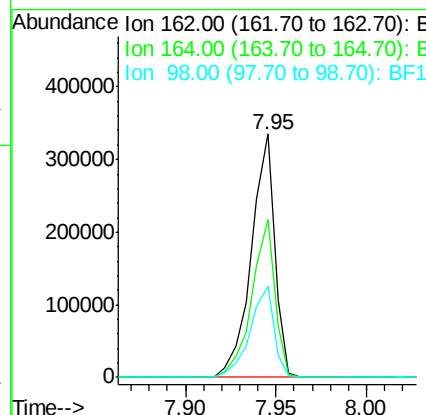
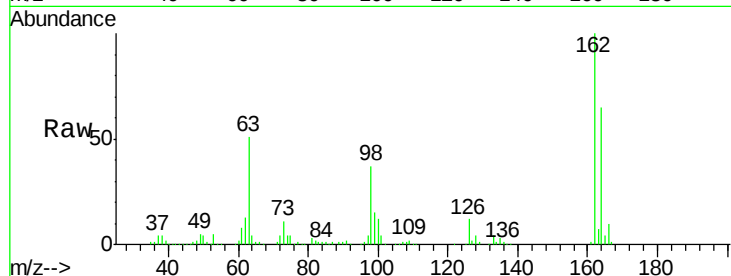
ClientSampled :

PB108046BS

Tot Ion:	162	Resp:	302112
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	37.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.621 ng

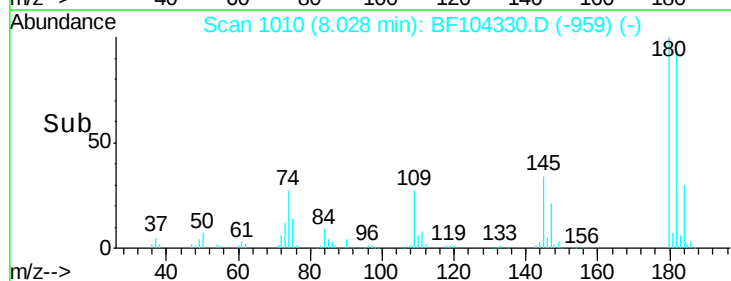
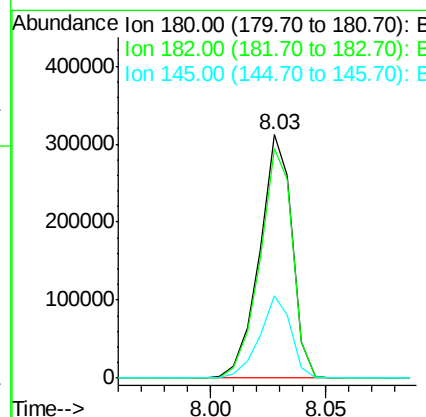
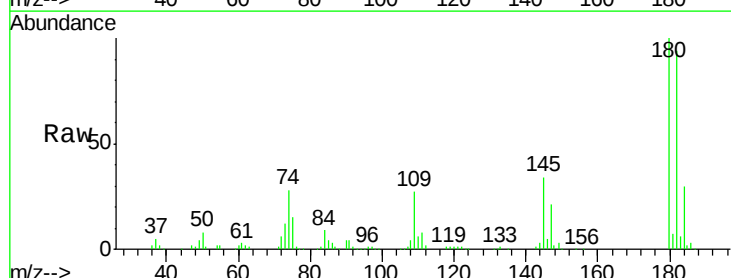
RT: 8.03 min Scan# 1010

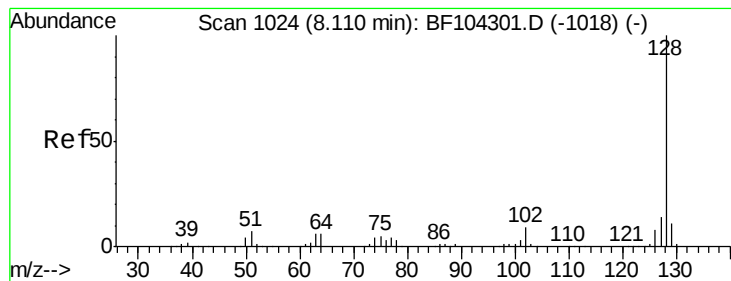
Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	180	Resp:	306295
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
145	33.6	26.5	39.7





#31

Naphthalene

Concen: 37.564 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

ClientSampleId :

PB108046BS

Tot Ion:128 Resp: 1045361

Ion Ratio Lower Upper

128 100

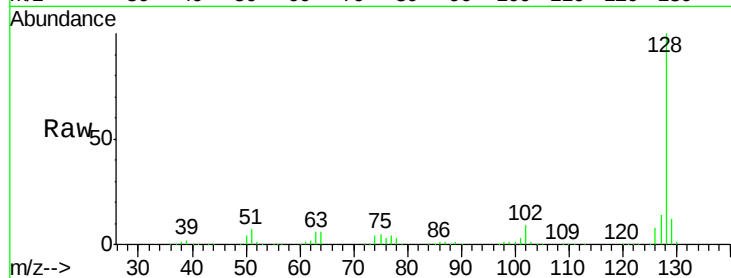
129 11.7 8.8 13.2

127 13.7 10.9 16.3

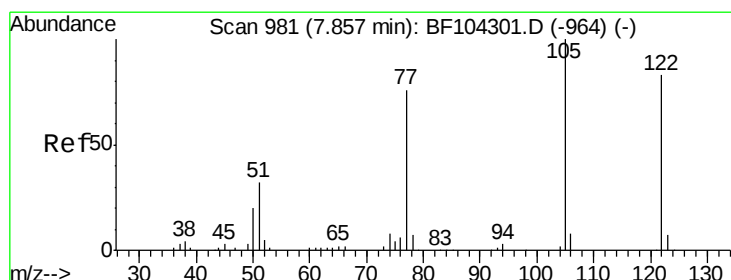
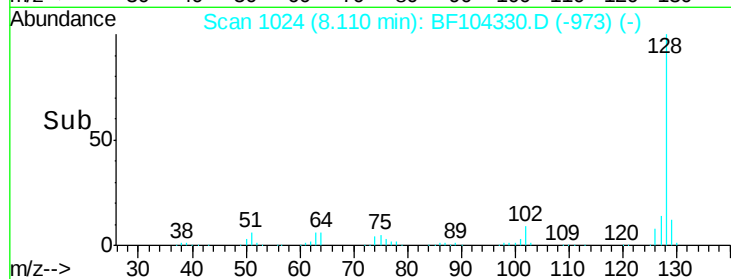
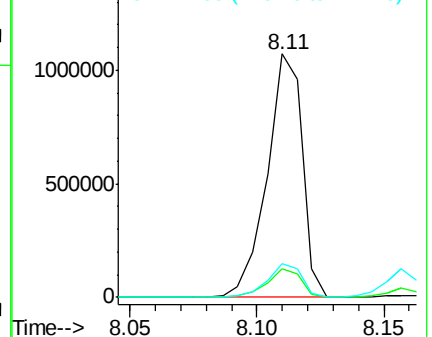
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.383 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

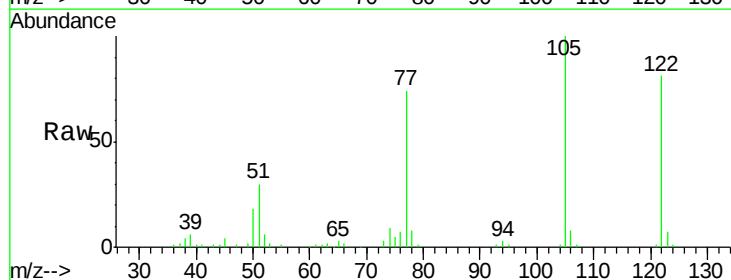
Tgt Ion:122 Resp: 219129

Ion Ratio Lower Upper

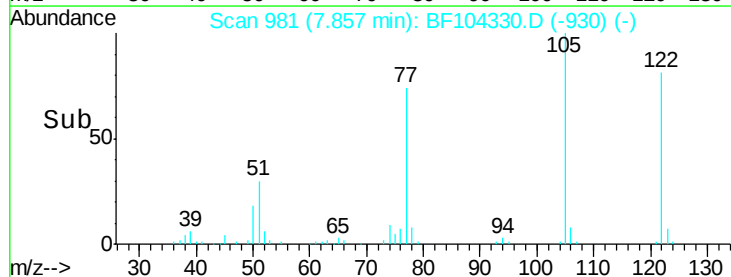
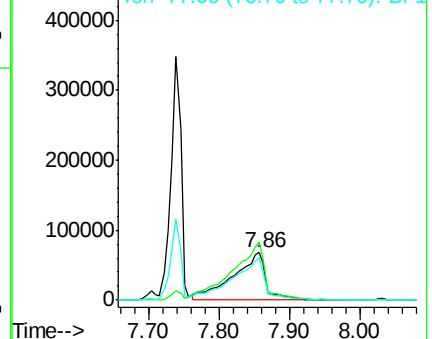
122 100

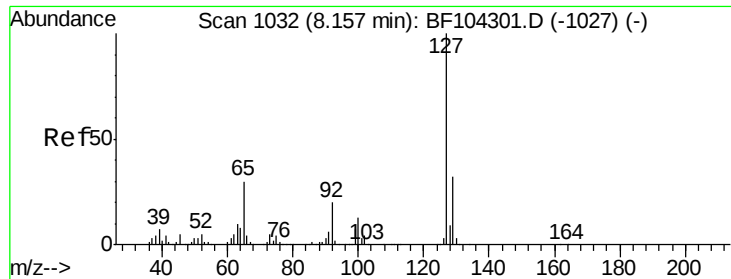
105 122.8 101.1 141.1

77 91.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





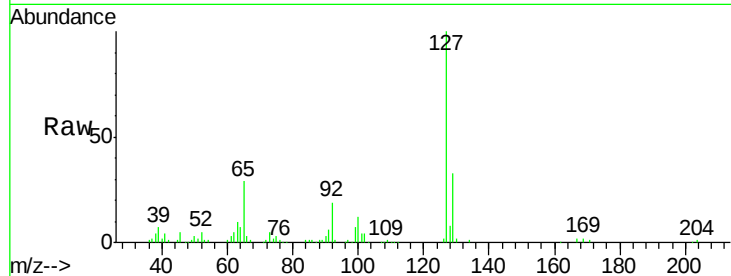
#33
4-Chloroaniline
Concen: 9.654 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

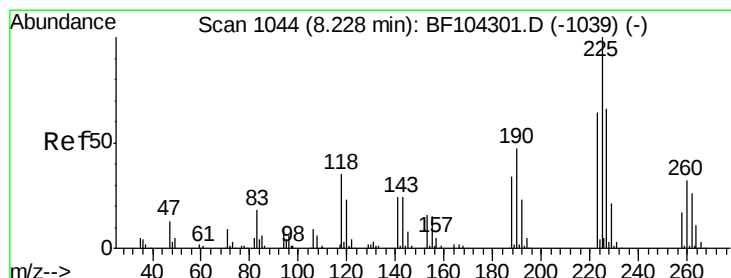
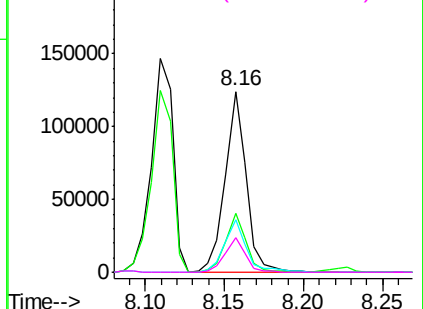
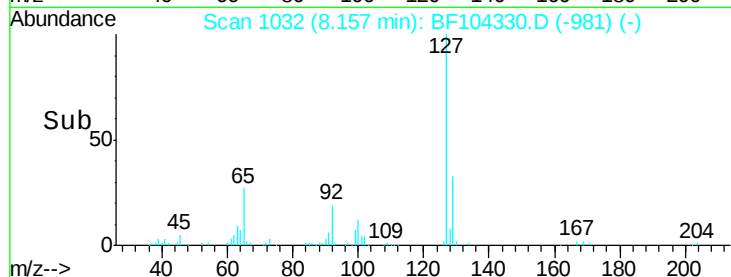
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7		25.9	38.9	
65	28.9		25.0	37.4	
92	18.9		15.2	22.8	

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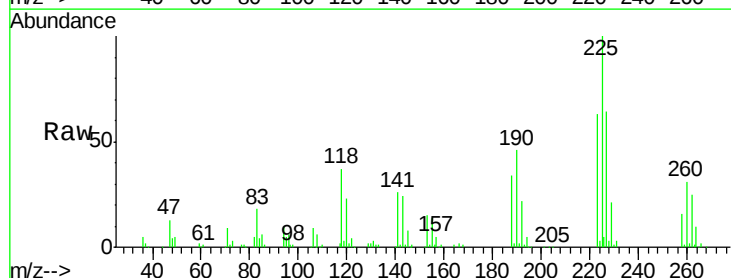


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

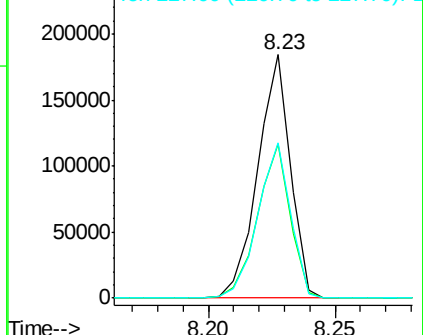
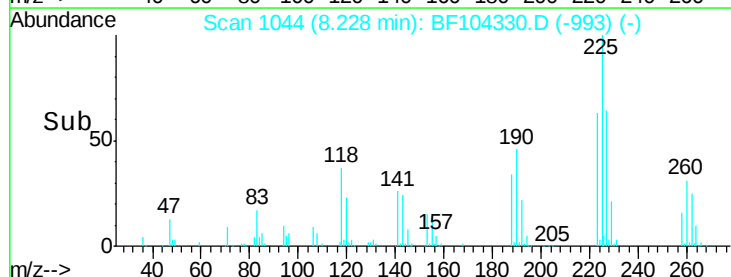


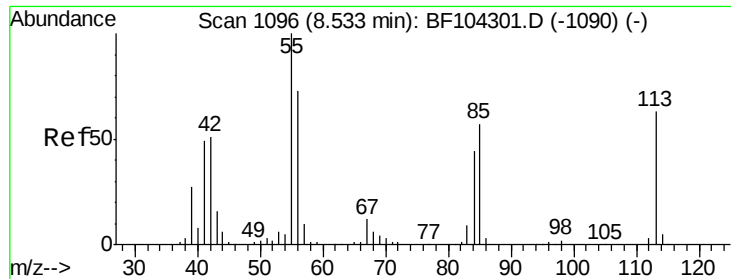
#34
Hexachlorobutadiene
Concen: 35.960 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1		50.6	76.0	
227	63.7		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





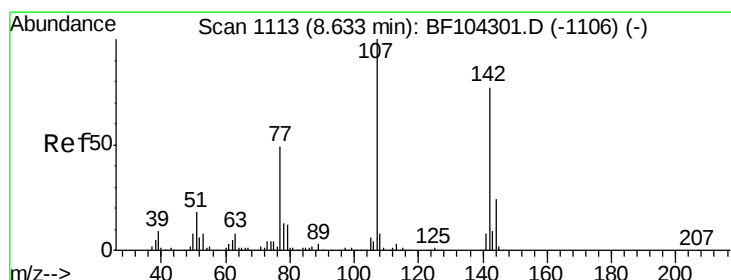
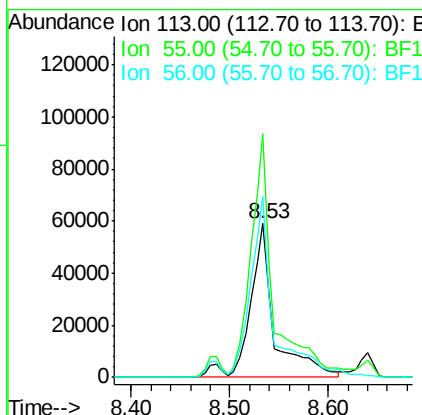
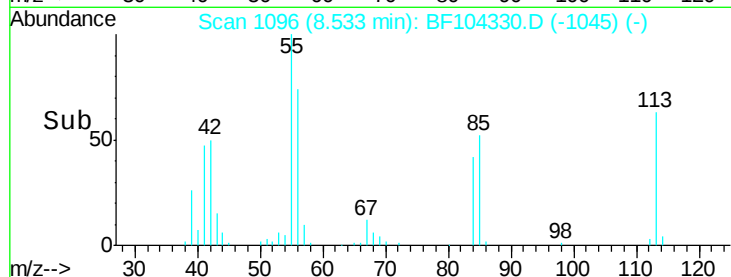
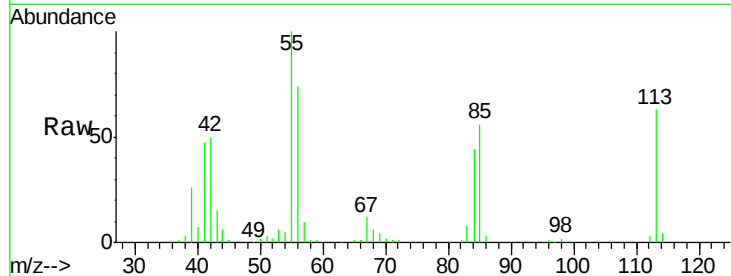
#35
Caprolactam
Concen: 37.898 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.6	163.3	203.3#
56	117.5	115.7	155.7

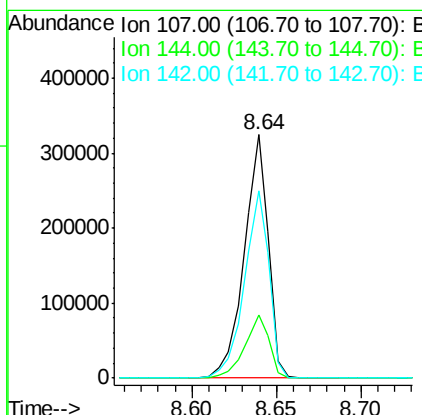
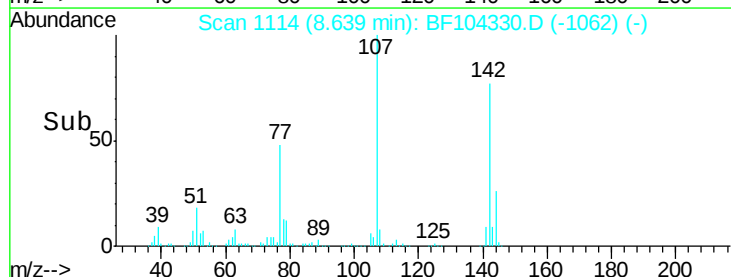
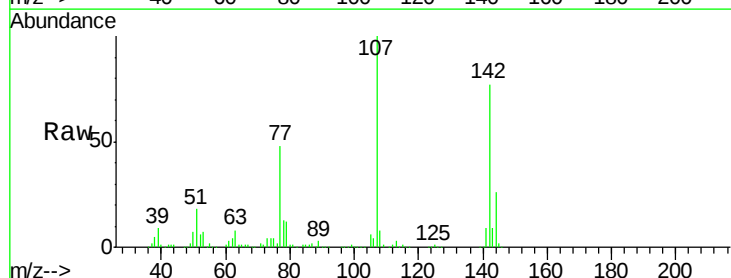
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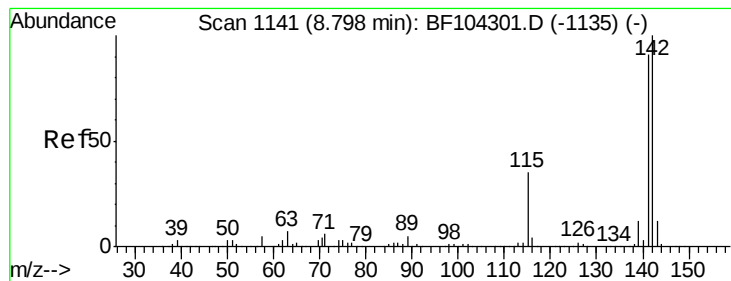
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#36
4-Chloro-3-methylphenol
Concen: 39.522 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	77.1	62.0	93.0





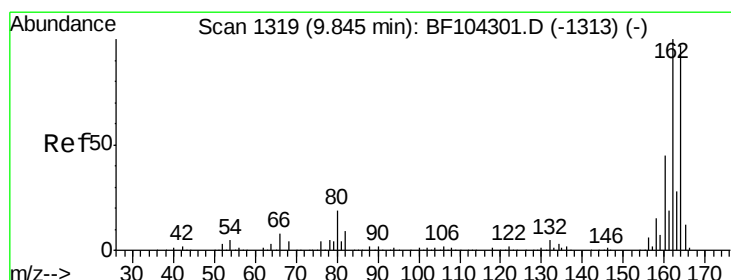
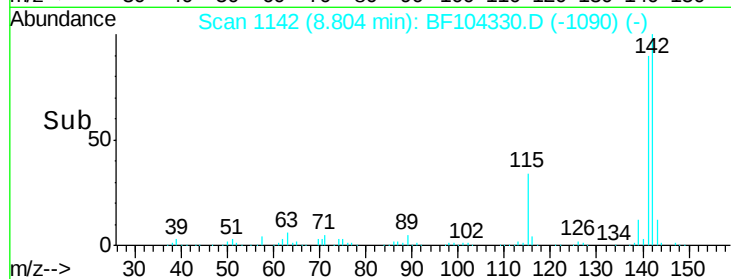
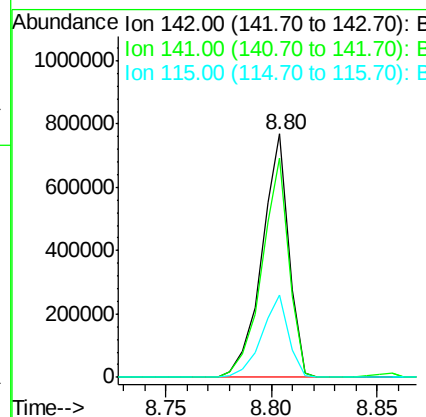
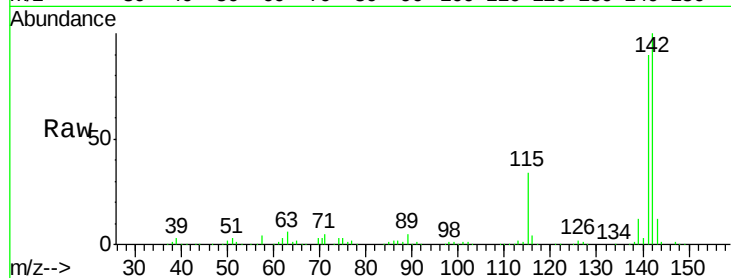
#37
2-Methylnaphthalene
Concen: 37.917 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	33.9	26.1	39.1

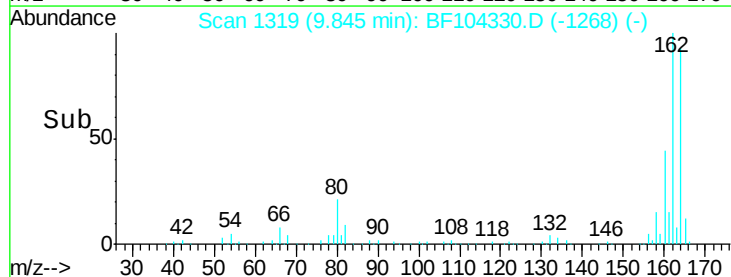
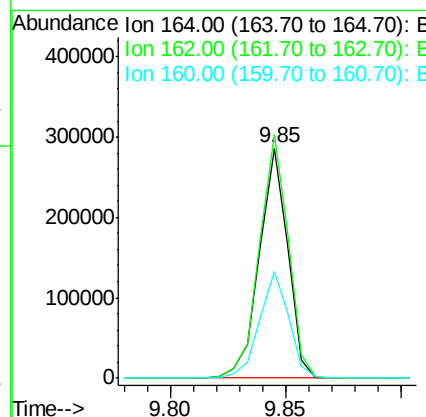
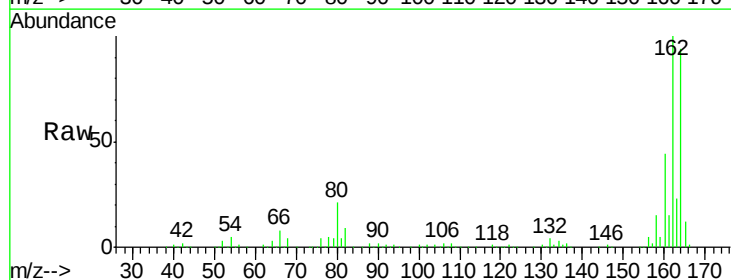
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.5	38.3	57.5





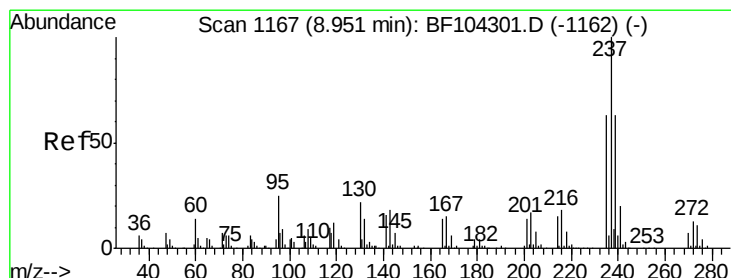
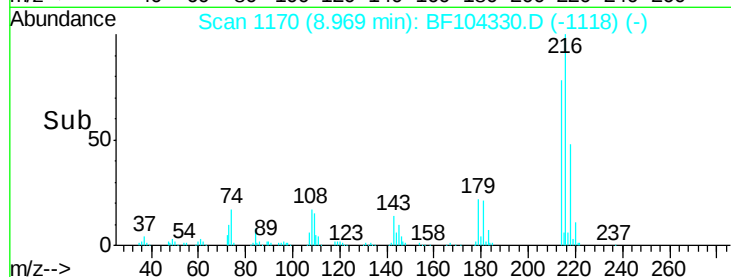
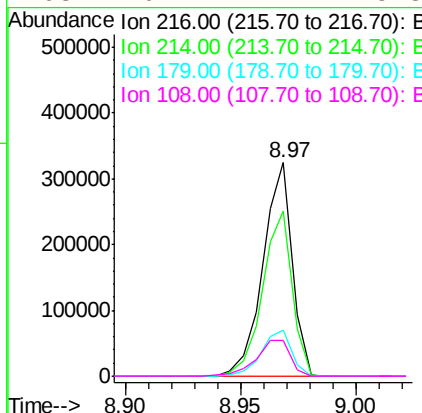
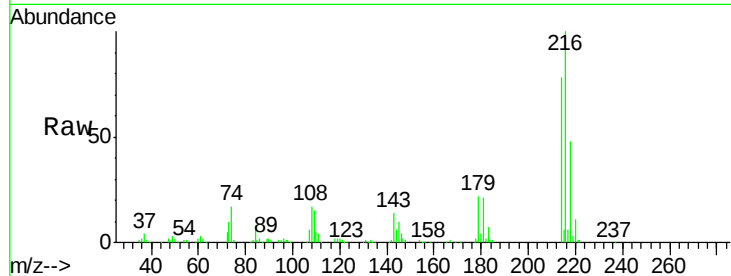
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.627 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion:	216	Resp:	286514
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.4
179	22.6	18.1	27.1
108	20.2	17.2	25.8

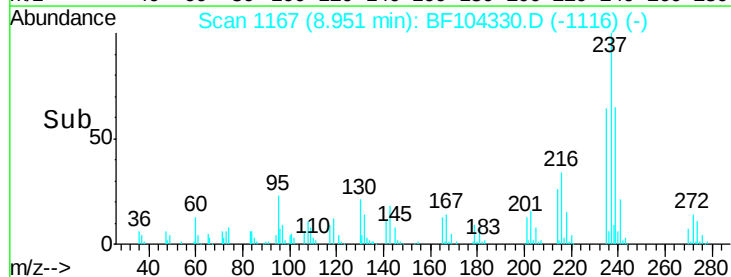
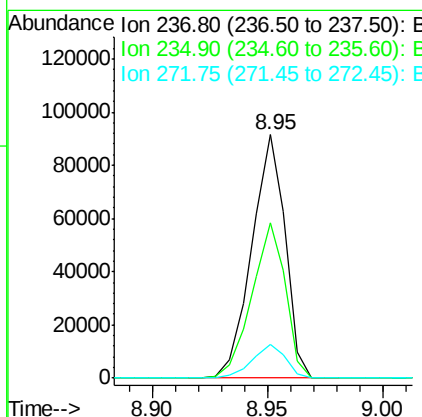
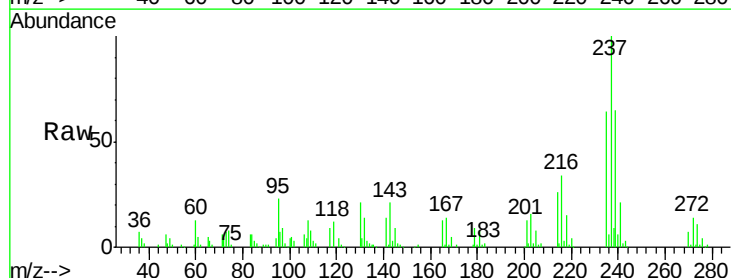
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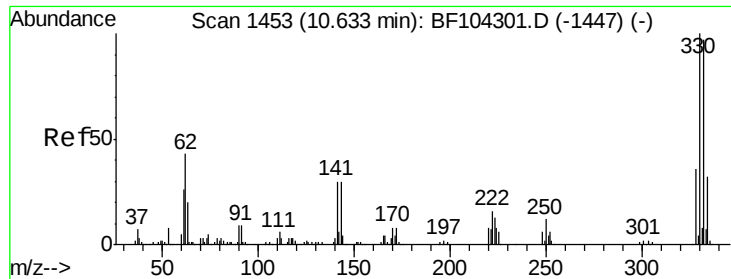
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#40
 Hexachlorocyclopentadiene
 Concen: 23.364 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion:	237	Resp:	92246
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.8	84.8
272	13.7	0.0	33.3





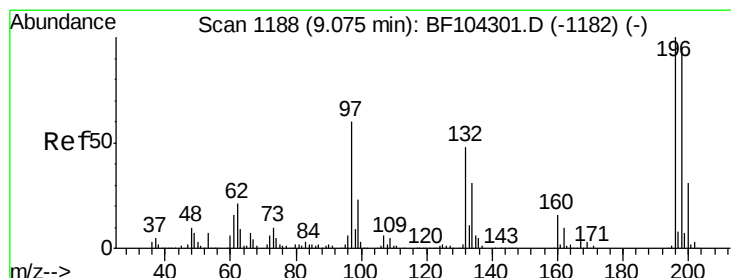
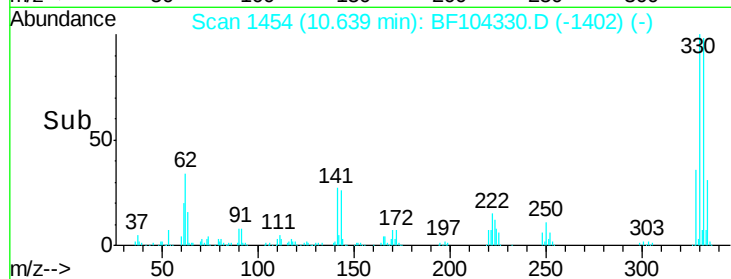
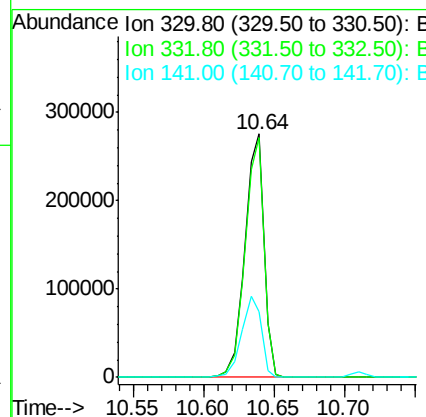
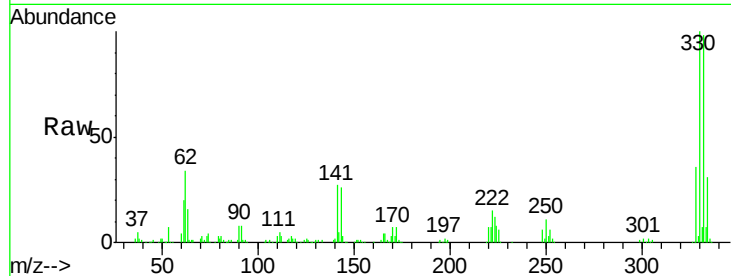
#41
 2,4,6-Tribromophenol
 Concen: 101.618 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	259694		
332	97.4	77.0	115.6	
141	34.3	29.9	44.9	

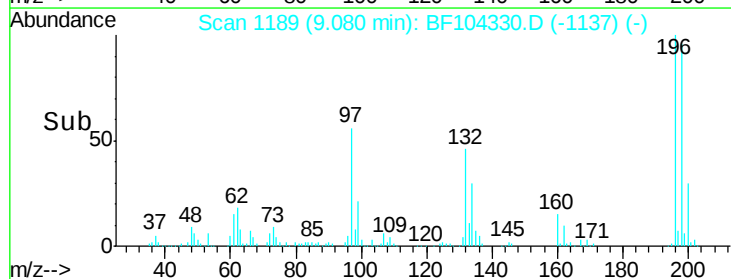
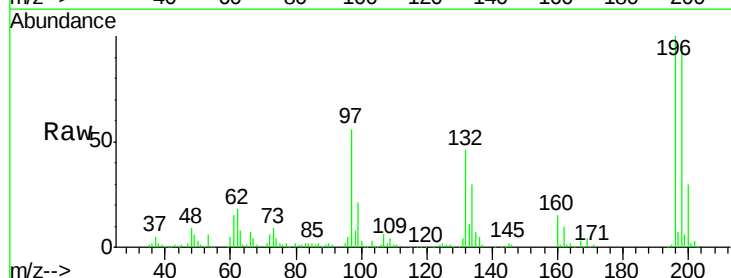
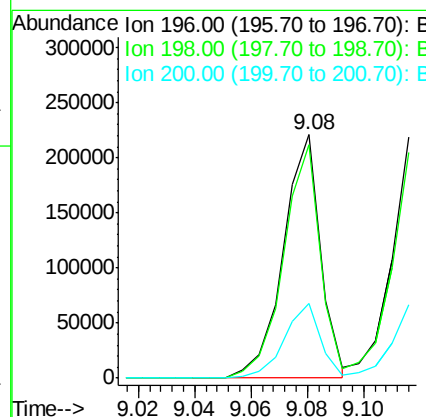
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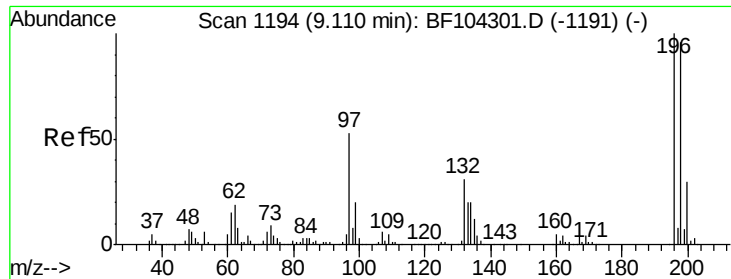
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#42
 2,4,6-Trichlorophenol
 Concen: 41.260 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201996		
198	95.7	75.7	113.5	
200	30.4	24.5	36.7	





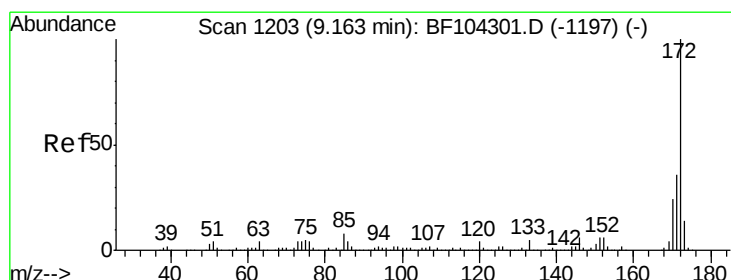
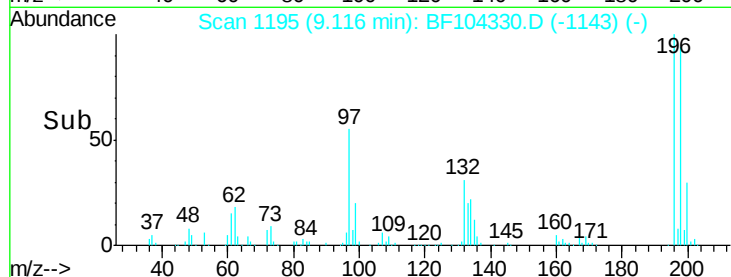
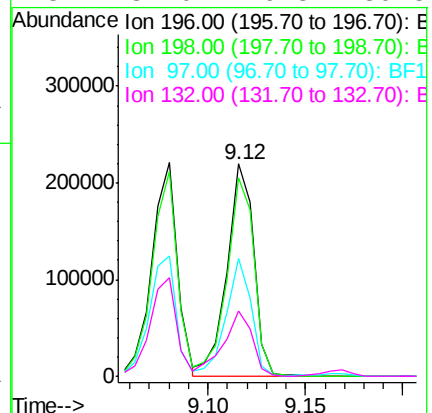
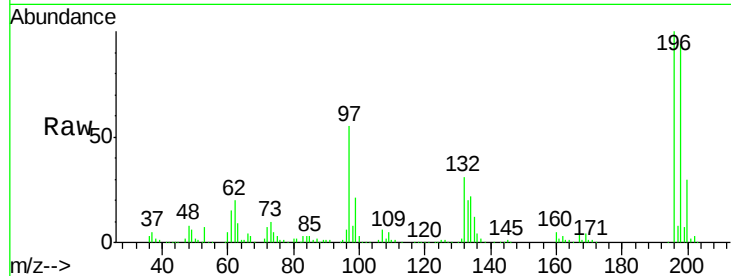
#43
 2,4,5-Trichlorophenol
 Concen: 38.347 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		210081		
198	93.6		74.6	112.0	
97	55.4		42.9	64.3	
132	31.0		26.3	39.5	

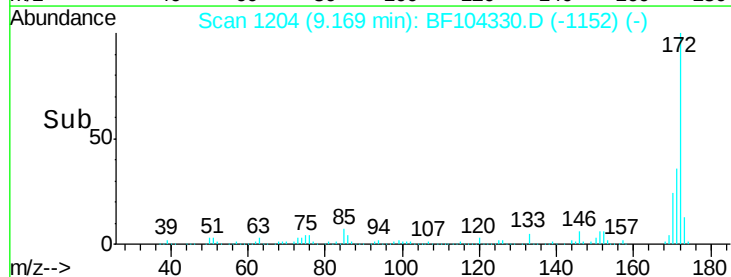
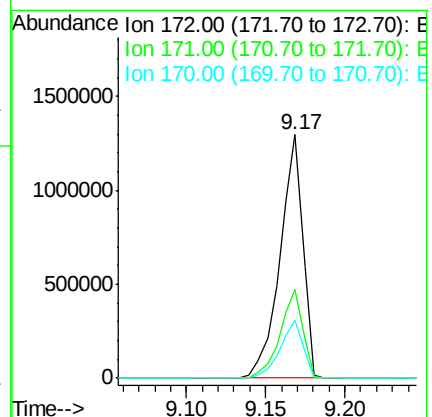
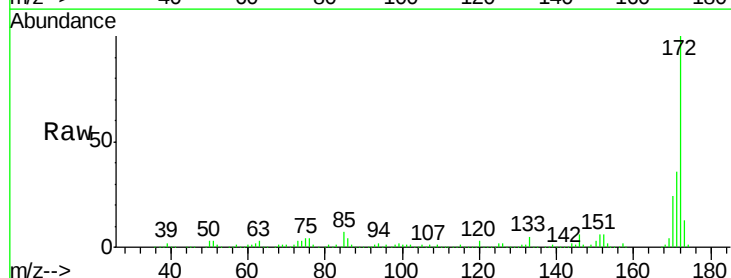
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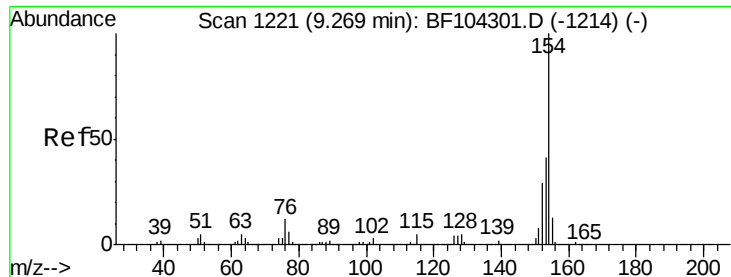
Sohil
 4/9/2018 11:18:48 AM



#44
 2-Fluorobiphenyl
 Concen: 82.979 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1294073		
171	36.3		29.7	44.5	
170	23.9		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.466 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

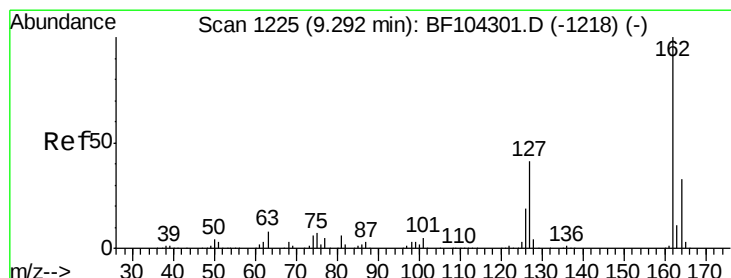
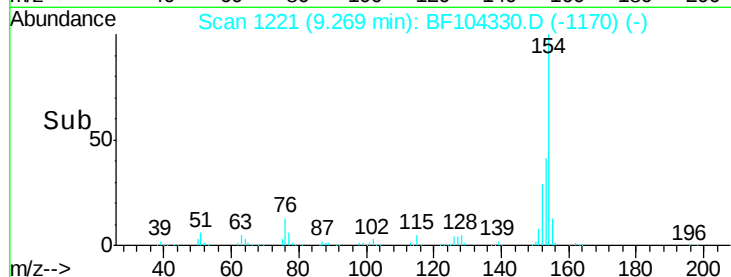
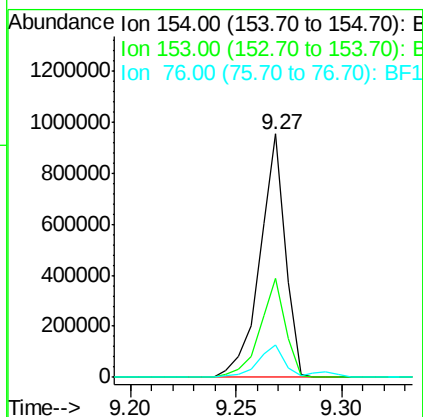
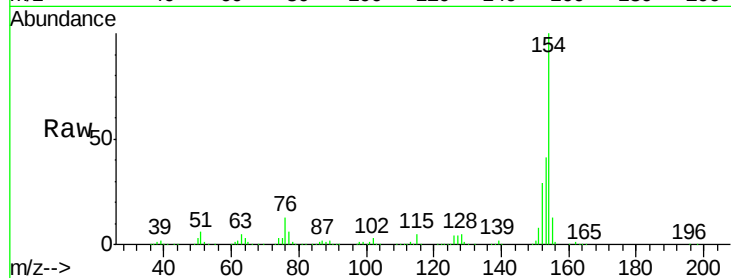
ClientSampleId :

PB108046BS

Tot Ion:	154	Resp:	796099
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.1	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 38.502 ng

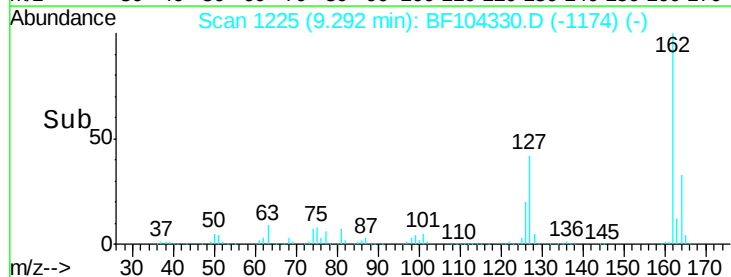
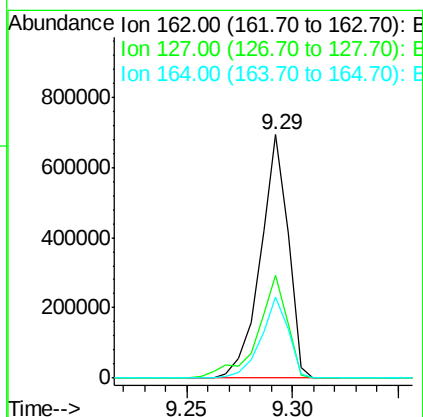
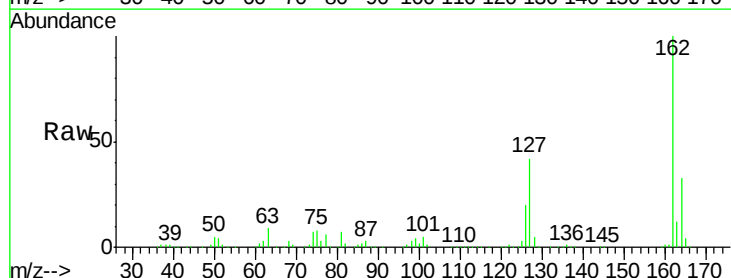
RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	162	Resp:	629405
Ion Ratio	Lower	Upper	
162	100		
127	42.2	33.9	50.9
164	33.1	26.5	39.7





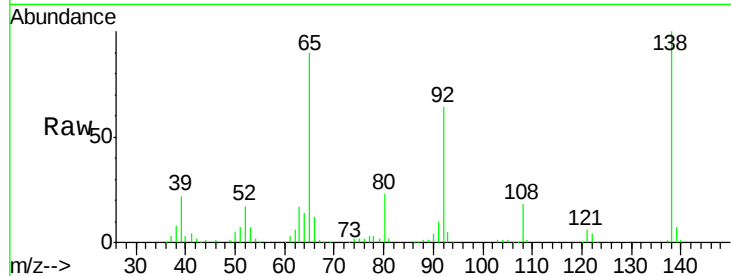
#47
2-Nitroaniline
Concen: 45.925 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

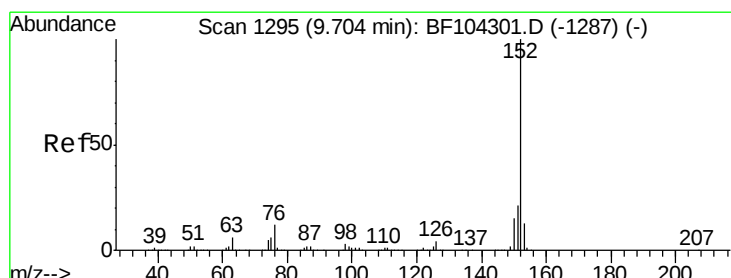
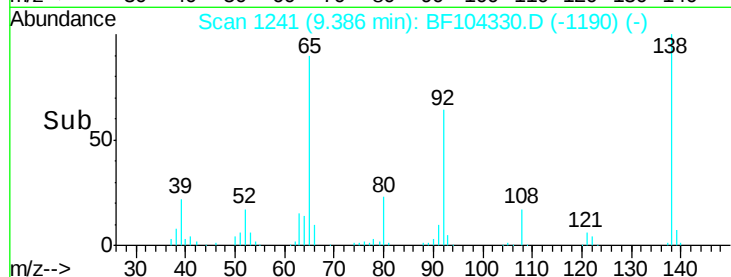
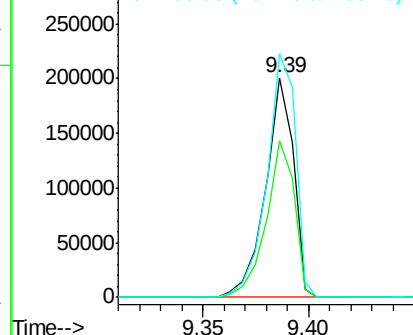
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.8	83.6
138	110.8	91.2	136.8

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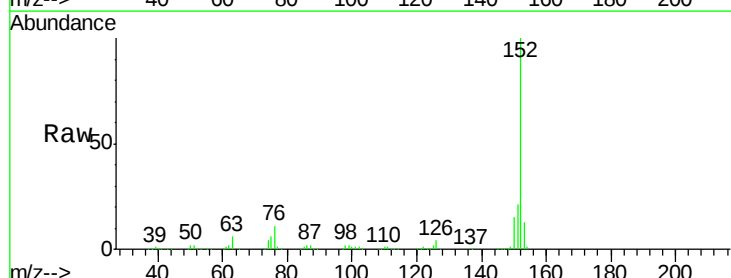


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

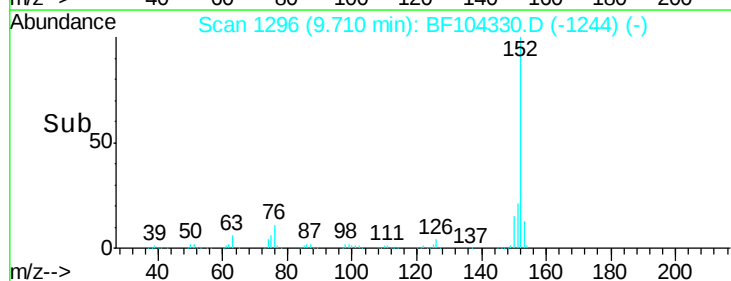
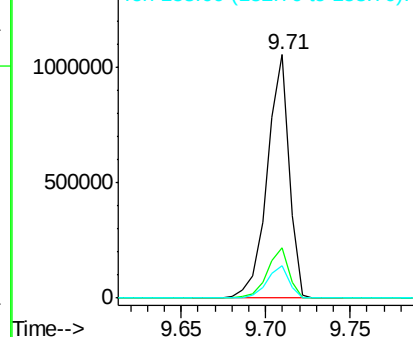


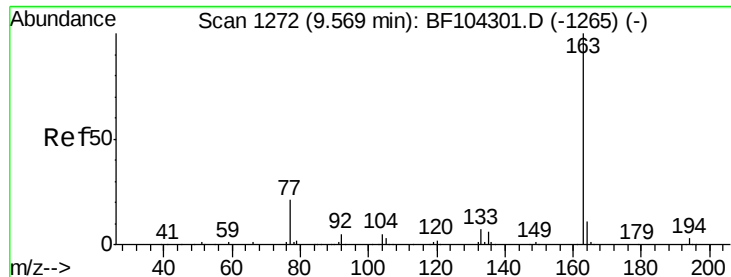
#48
Acenaphthylene
Concen: 36.947 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.1	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





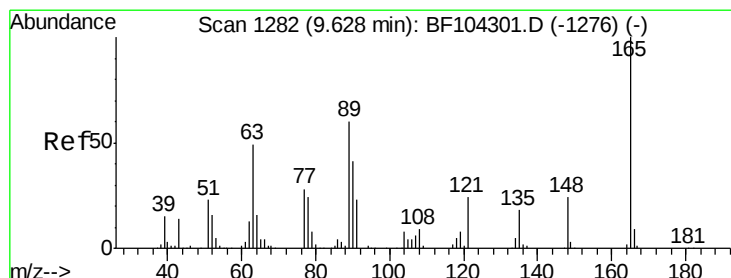
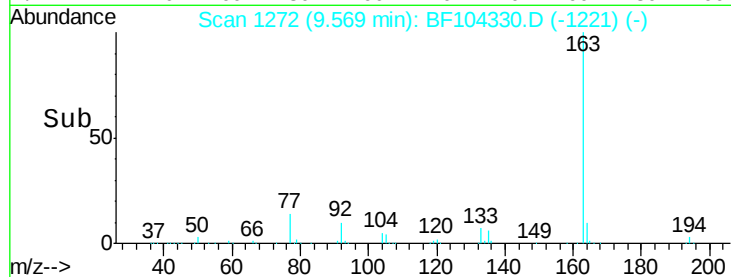
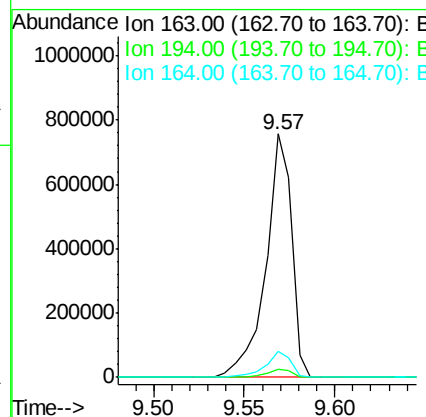
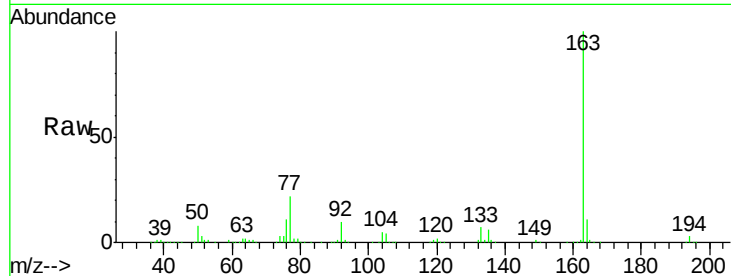
#49
Dimethylphthalate
Concen: 38.679 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		751450		
194	3.4		2.7	4.1	
164	10.8		8.2	12.2	

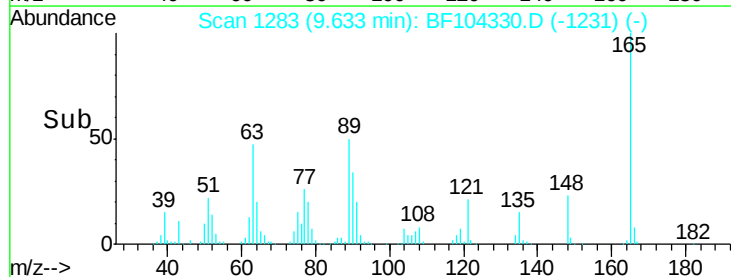
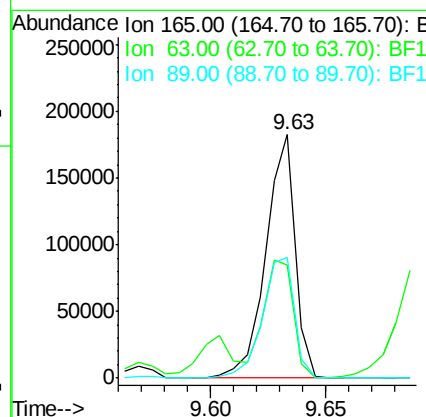
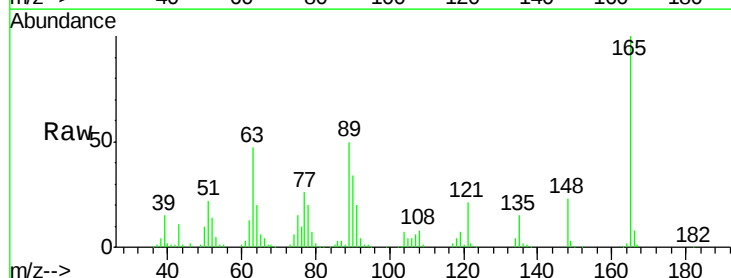
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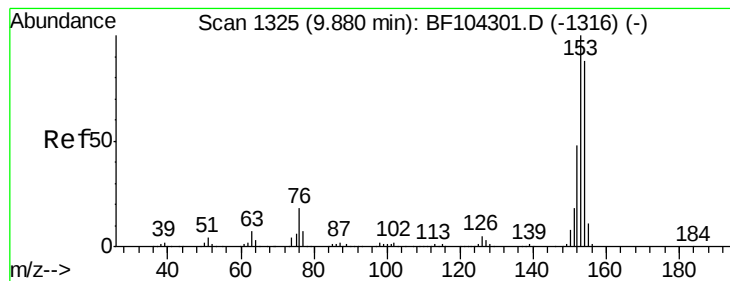
Sohil
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#50
2,6-Dinitrotoluene
Concen: 44.899 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		161405		
63	46.7		44.7	67.1	
89	49.7		44.0	66.0	





#51

Acenaphthene

Concen: 36.354 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

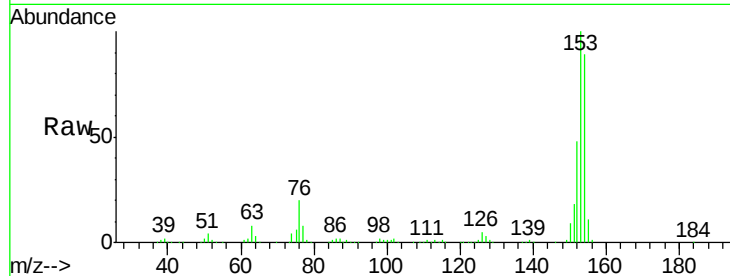
ClientSampleId :

PB108046BS

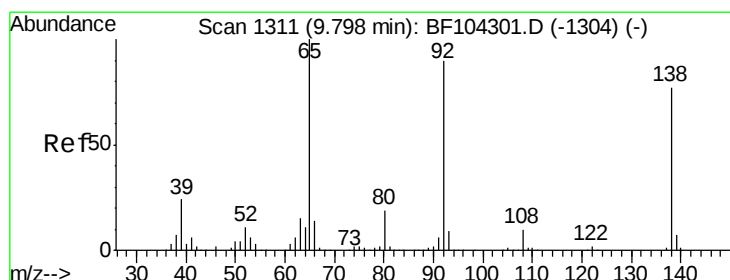
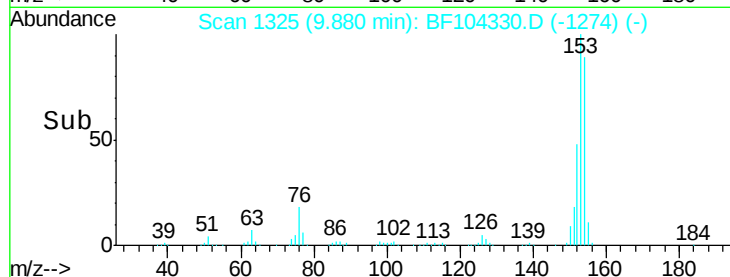
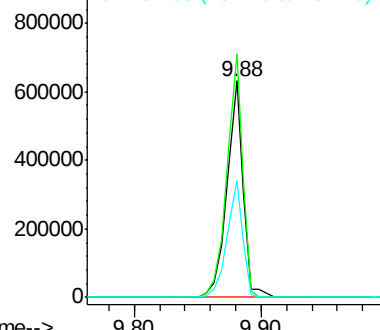
Tot Ion:	154	Resp:	568915
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.2	136.8
152	53.9	43.8	65.8

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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: 22.611 ng

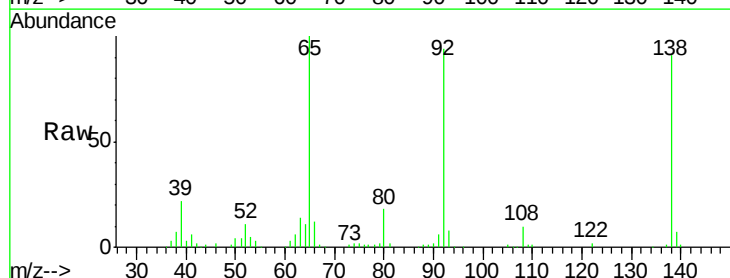
RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

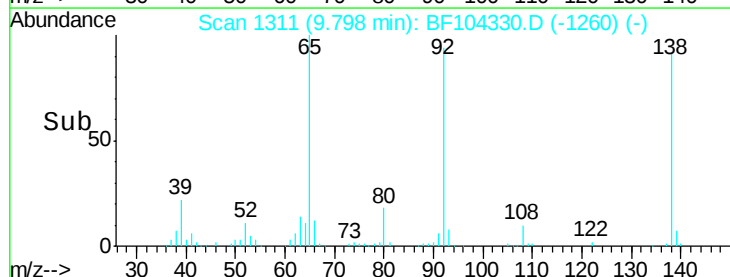
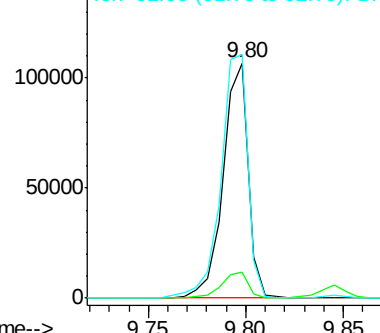
Lab File: BF104330.D

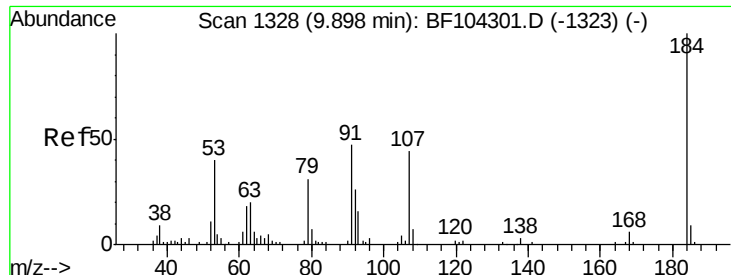
Acq: 7 Apr 2018 2:21

Tgt Ion:	138	Resp:	95160
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	103.6	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





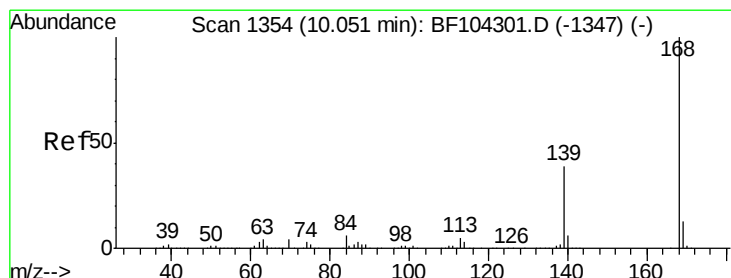
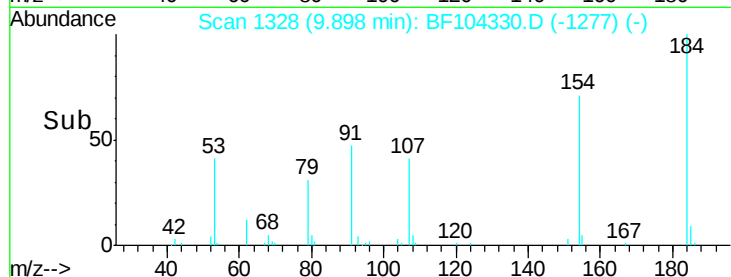
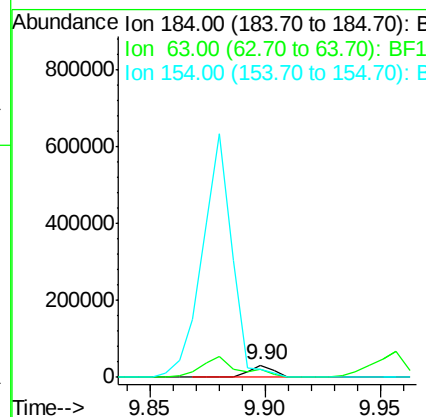
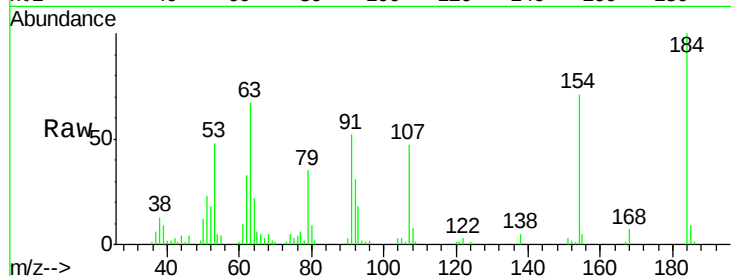
#53
 2,4-Dinitrophenol
 Concen: 26.410 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampled :
 PB108046BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		24435		
63	66.9	54.2	81.2		
154	70.6	184.0	276.0#		

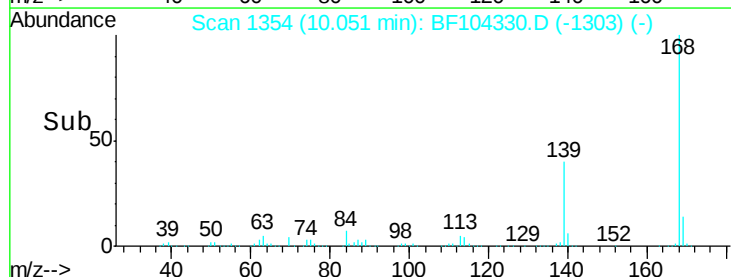
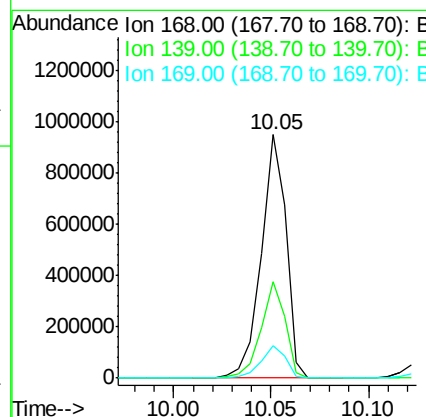
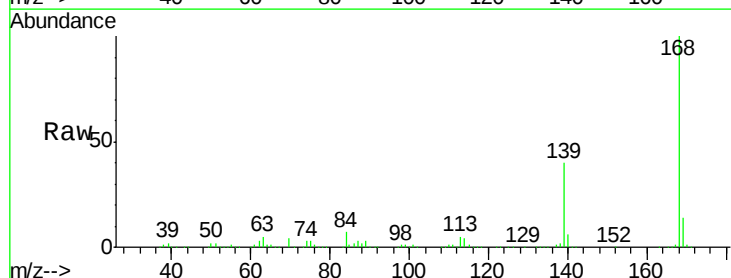
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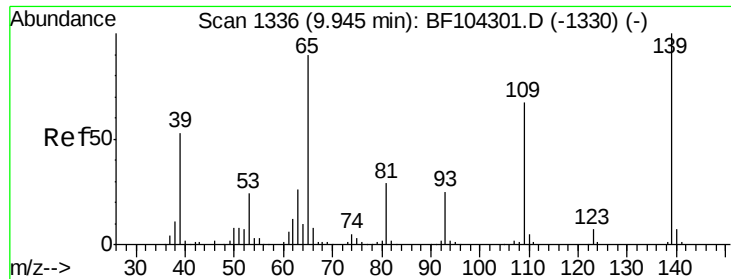
Sohil
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#54
 Dibenzofuran
 Concen: 38.282 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		834872		
139	39.6	30.1	45.1		
169	13.6	10.9	16.3		





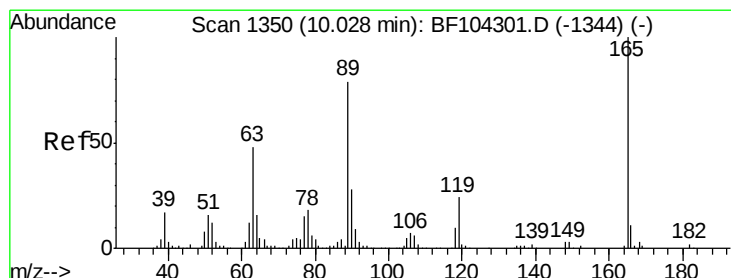
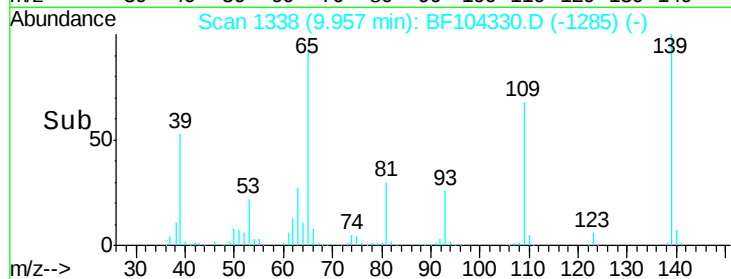
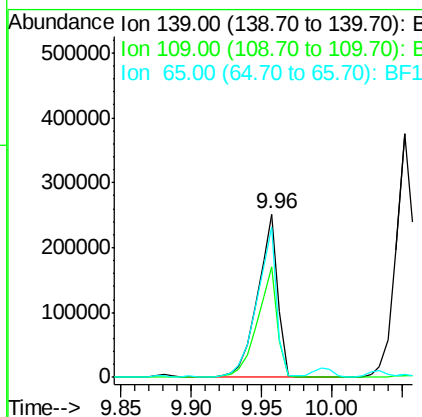
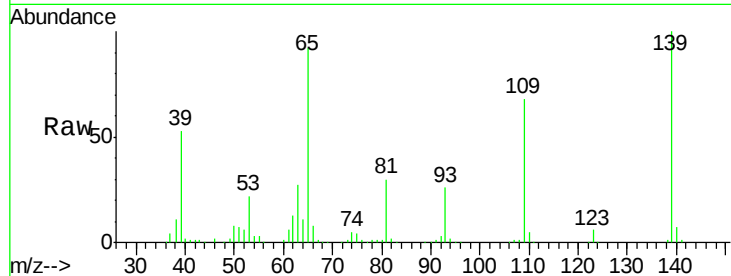
#55
4-Nitrophenol
Concen: 77.448 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	256037		
109	67.7	48.4	88.4	
65	91.7	72.6	112.6	

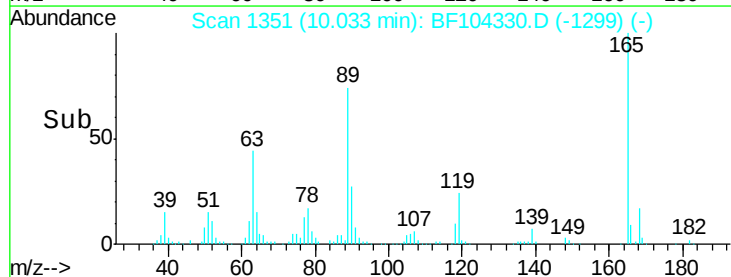
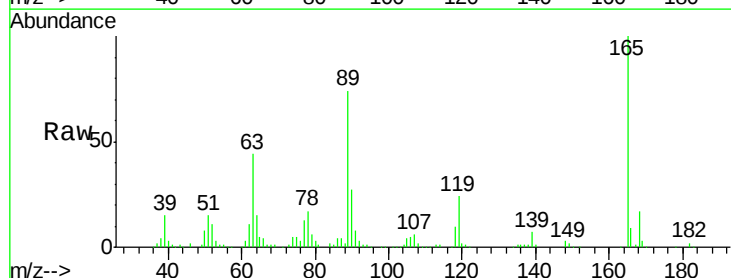
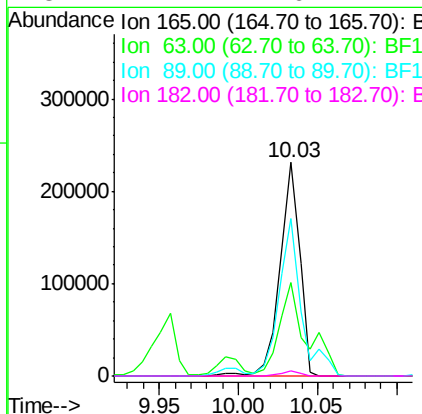
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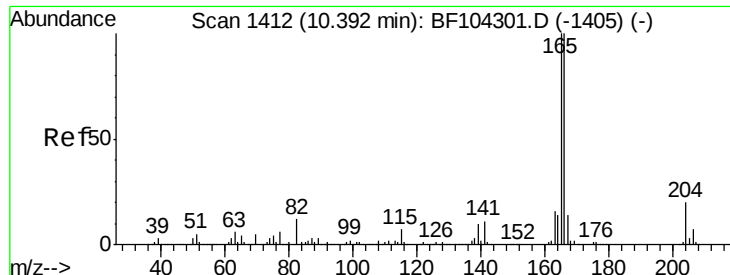
Sohil
4/9/2018 11:18:48 AM



#56
2,4-Dinitrotoluene
Concen: 42.427 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200062		
63	43.9	36.4	54.6	
89	73.5	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 38.332 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

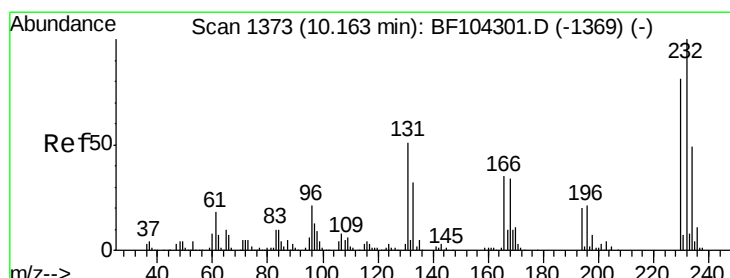
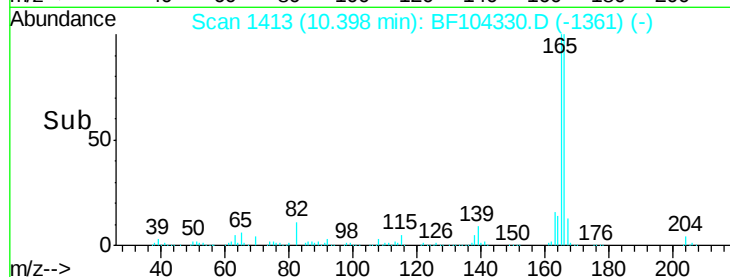
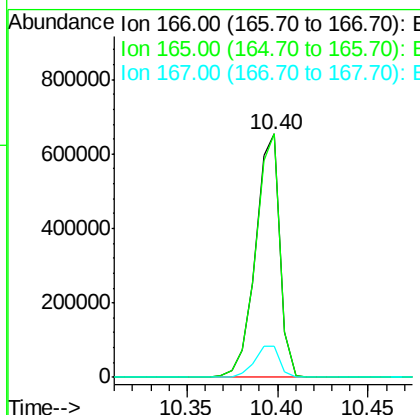
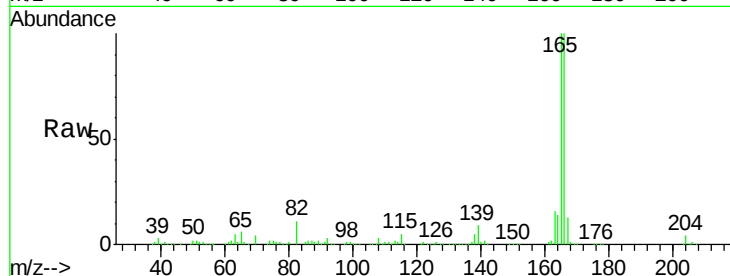
ClientSampleId :

PB108046BS

Tot Ion:	166	Resp:	608481
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.8	119.8
167	12.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.002 ng

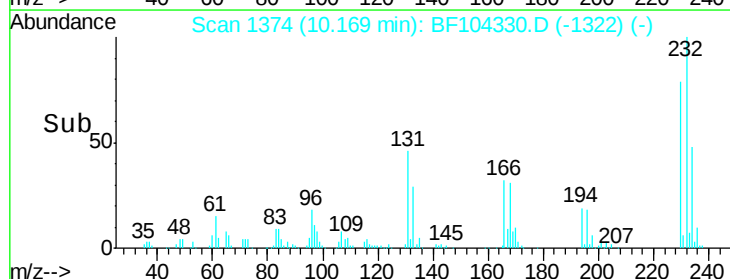
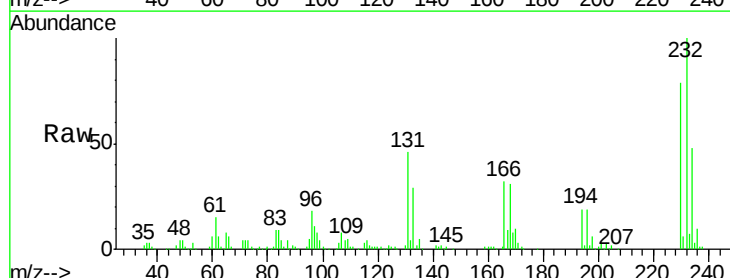
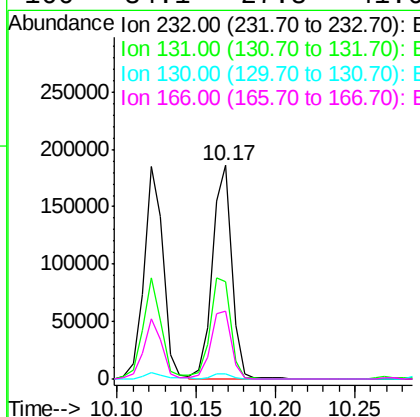
RT: 10.17 min Scan# 1374

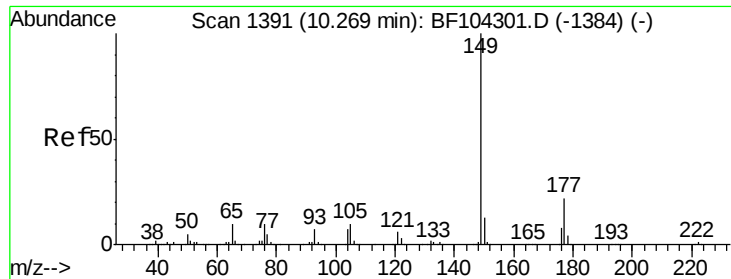
Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	232	Resp:	159404
Ion Ratio	Lower	Upper	
232	100		
131	50.4	43.8	65.8
130	2.3	2.1	3.1
166	34.1	27.8	41.6





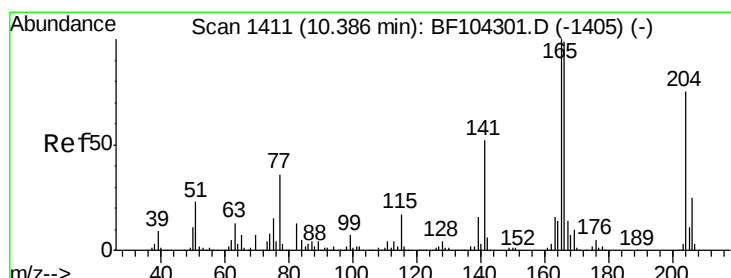
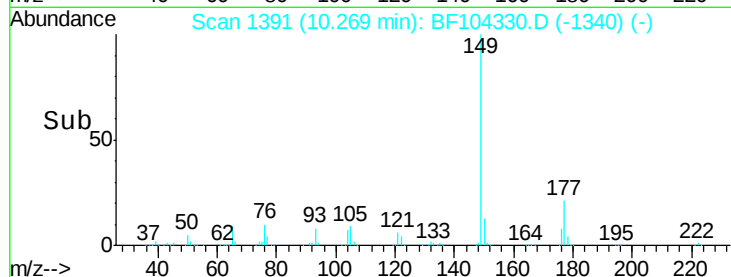
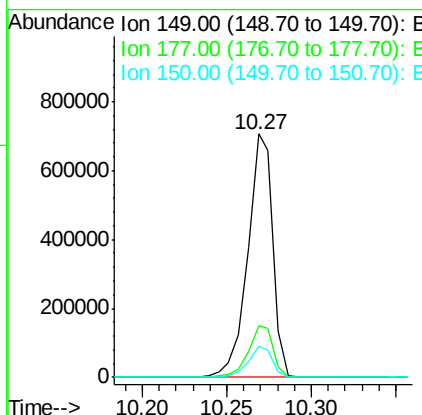
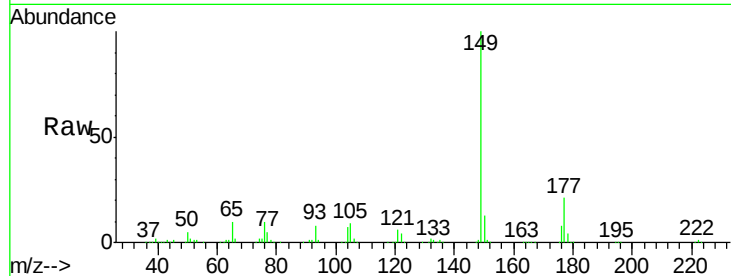
#59
Diethylphthalate
Concen: 37.773 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.7	10.1	15.1

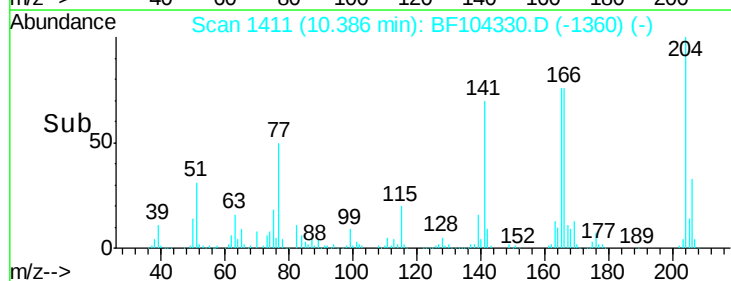
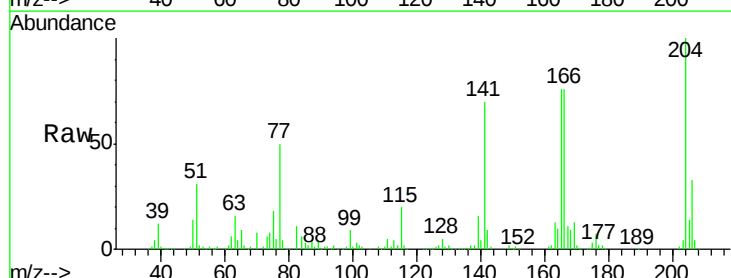
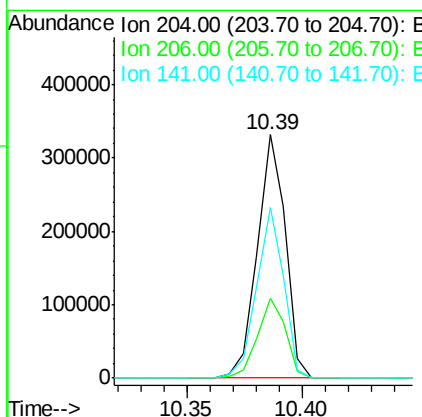
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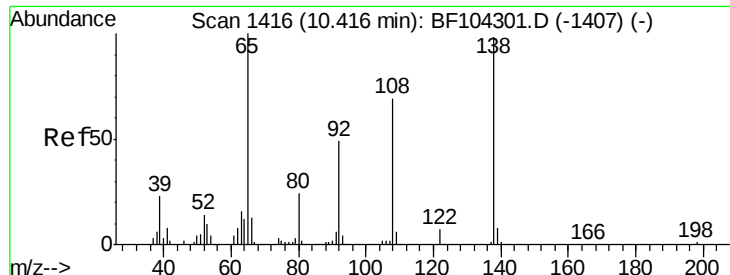
Sohil
4/9/2018 11:18:48 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.896 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	70.1	54.6	81.8





#61

4-Nitroaniline

Concen: 32.924 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

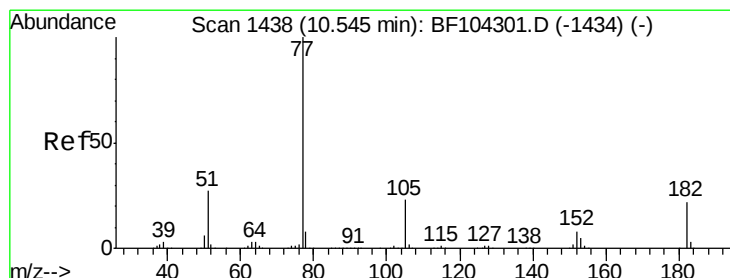
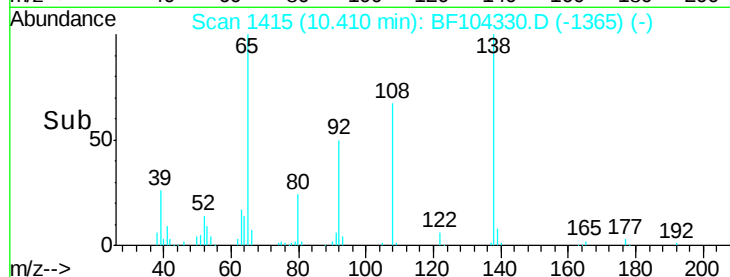
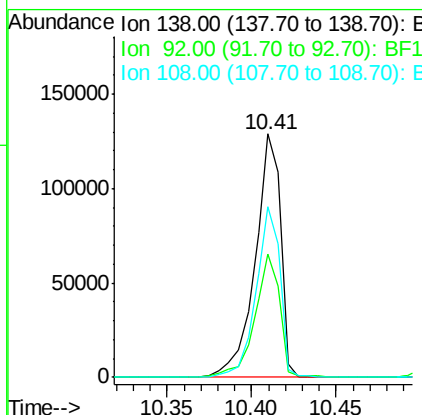
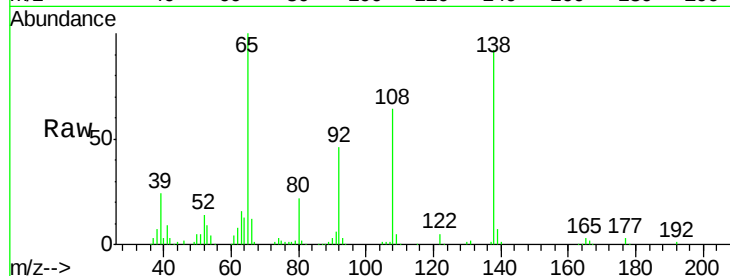
ClientSampleId :

PB108046BS

Tot Ion:	138	Resp:	135483
Ion Ratio	Lower	Upper	
138	100		
92	50.4	30.2	70.2
108	69.9	52.5	92.5

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#62

Azobenzene

Concen: 36.631 ng

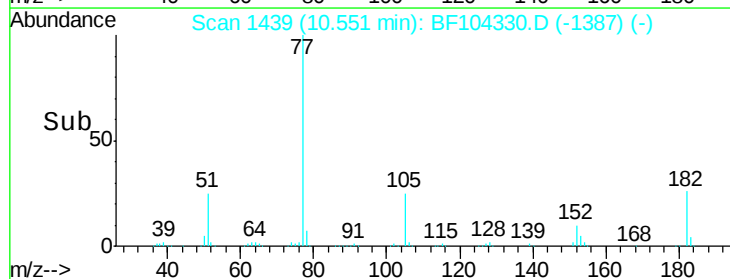
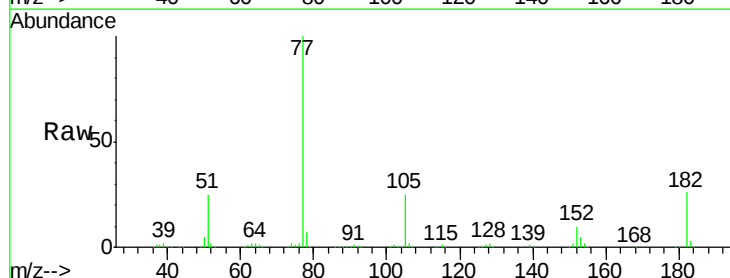
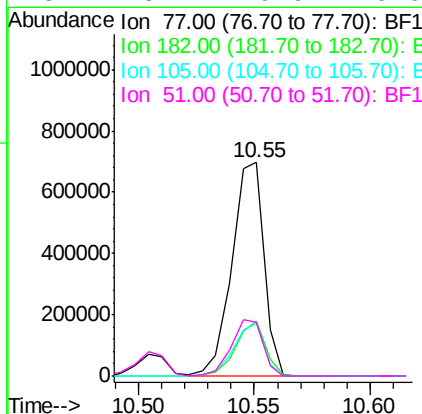
RT: 10.55 min Scan# 1439

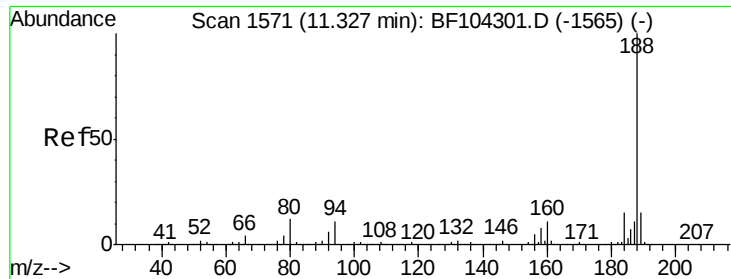
Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	77	Resp:	677136
Ion Ratio	Lower	Upper	
77	100		
182	25.7	1.7	41.7
105	24.7	3.0	43.0
51	25.2	9.9	49.9





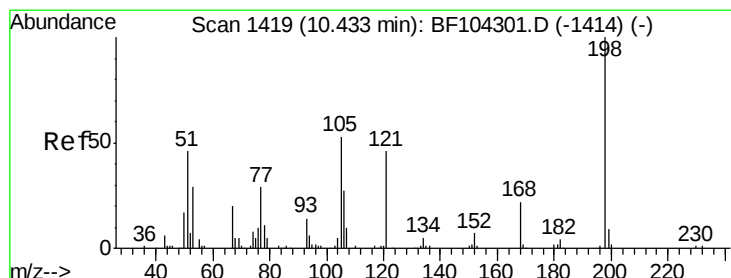
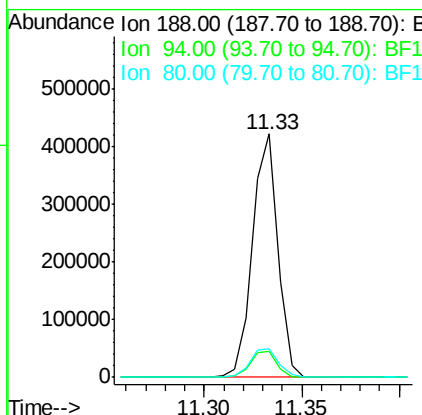
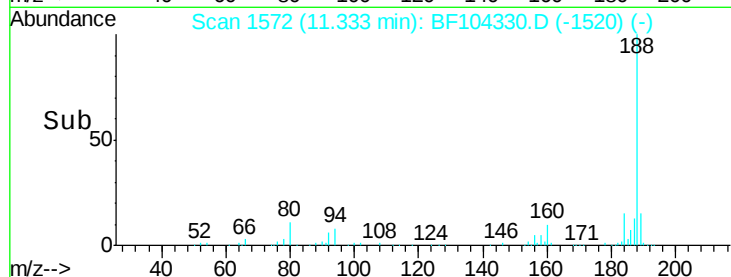
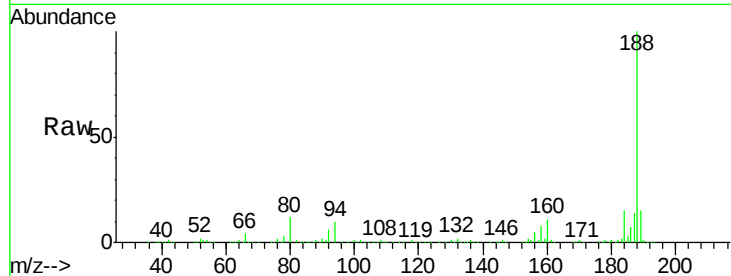
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.5	9.2	13.8

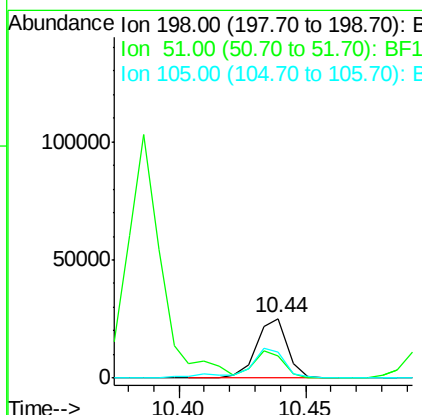
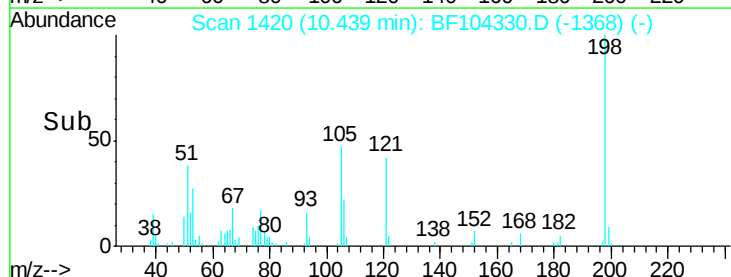
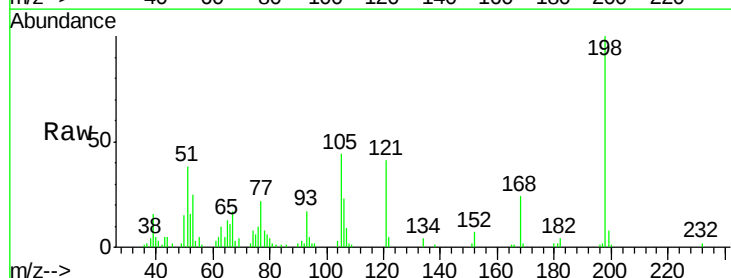
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.304 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.9	37.7	77.7
105	43.9	36.3	76.3





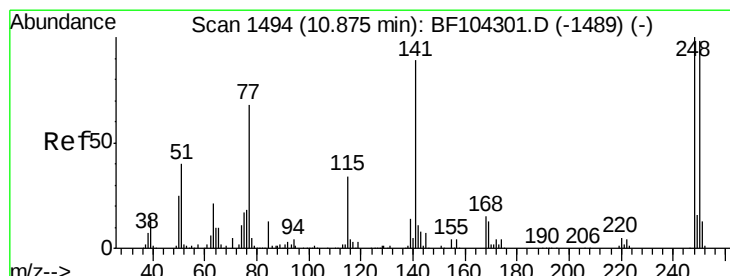
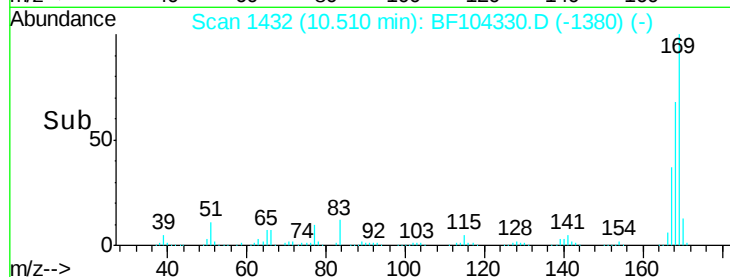
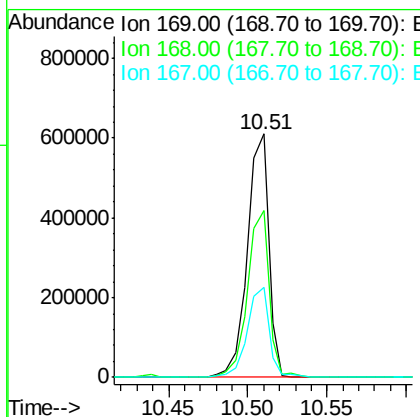
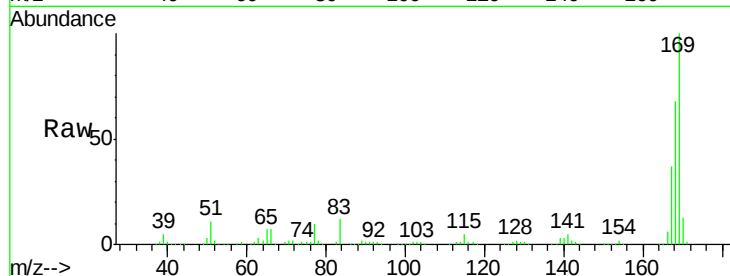
#65
 n-Nitrosodiphenylamine
 Concen: 43.540 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	572351		
168	68.4		54.4	81.6
167	37.1		29.8	44.6

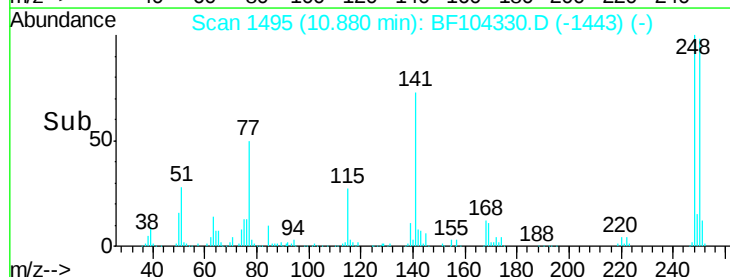
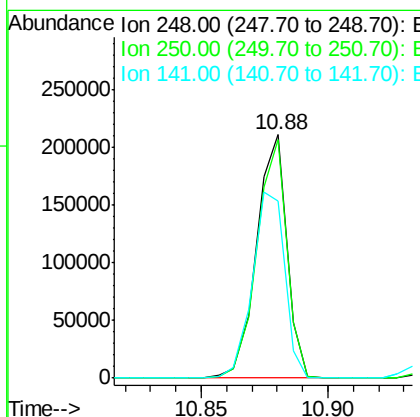
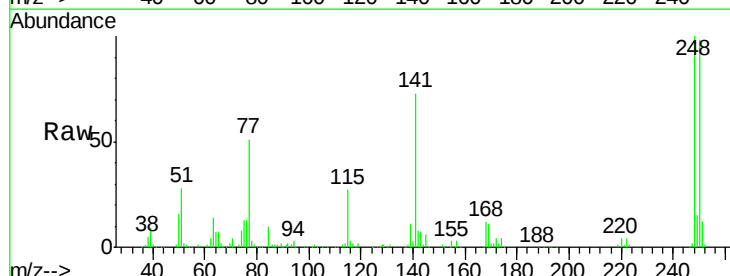
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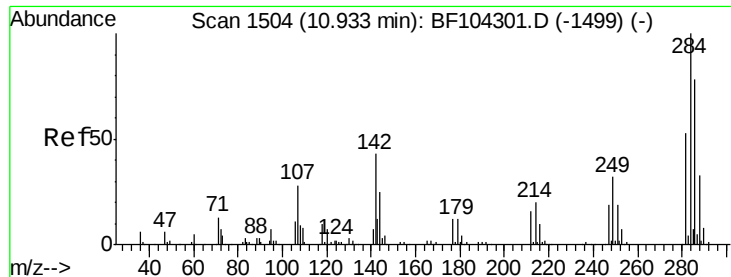
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#66
 4-Bromophenyl-phenylether
 Concen: 43.589 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	175784		
250	97.8		76.9	115.3
141	72.6		74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.148 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

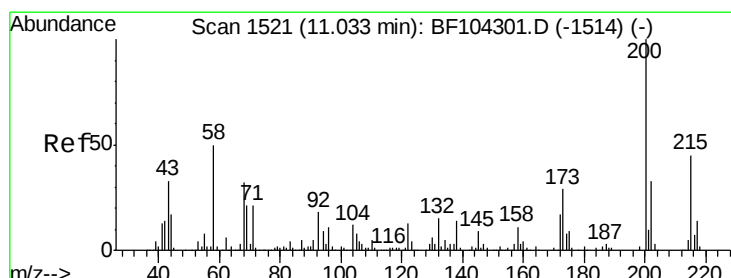
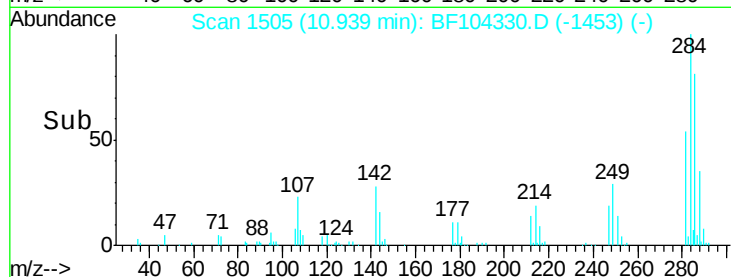
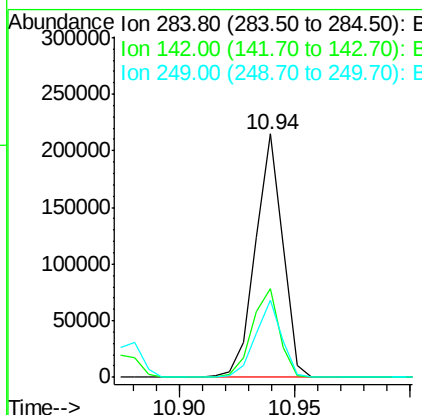
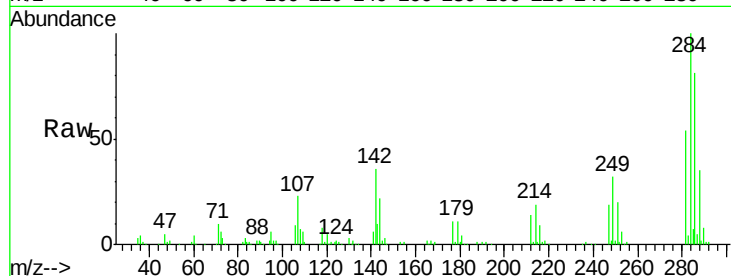
ClientSampleId :

PB108046BS

Tot Ion:	284	Resp:	177642
Ion Ratio	Lower	Upper	
284	100		
142	36.5	34.6	52.0
249	31.7	24.8	37.2

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#68

Atrazine

Concen: 44.958 ng

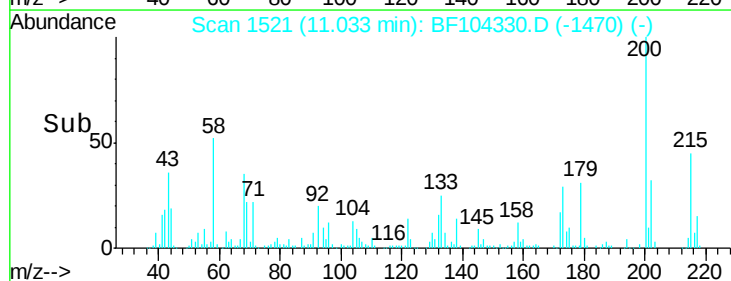
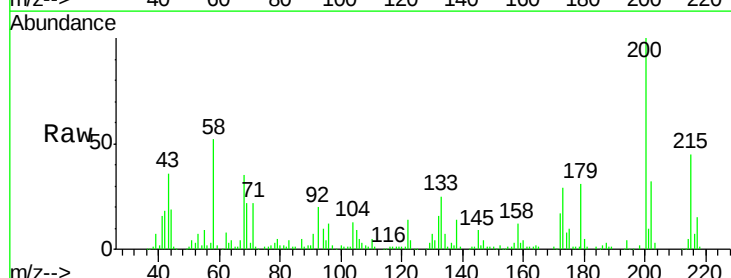
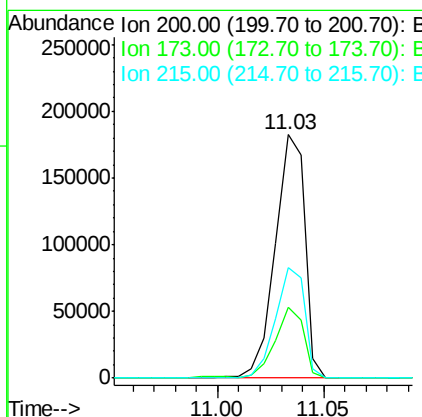
RT: 11.03 min Scan# 1521

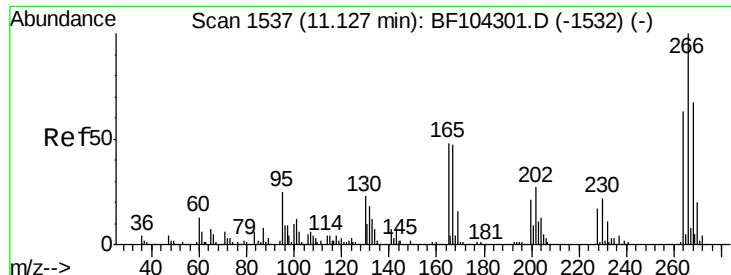
Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	200	Resp:	178388
Ion Ratio	Lower	Upper	
200	100		
173	28.9	8.6	48.6
215	45.5	25.1	65.1





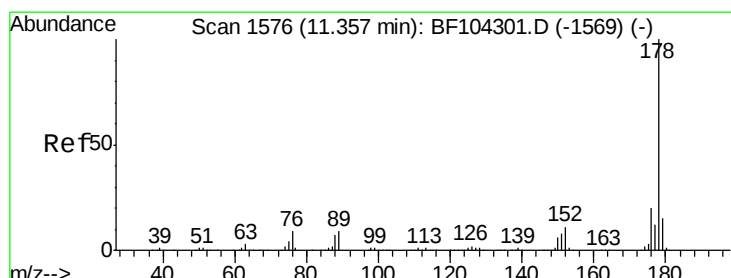
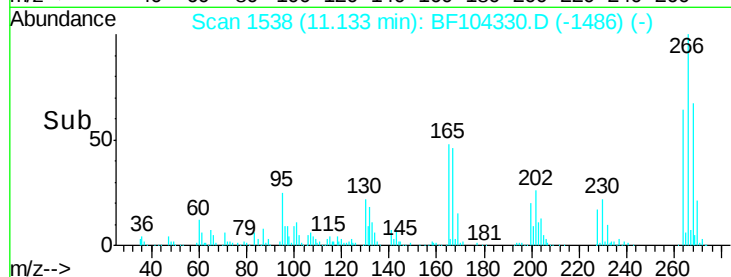
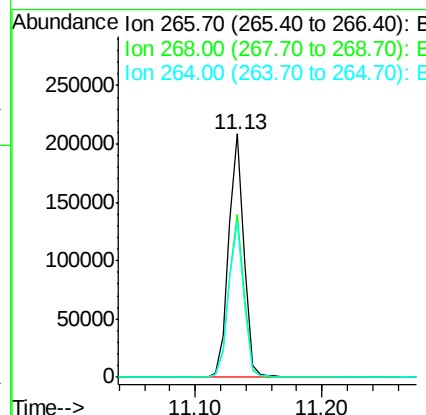
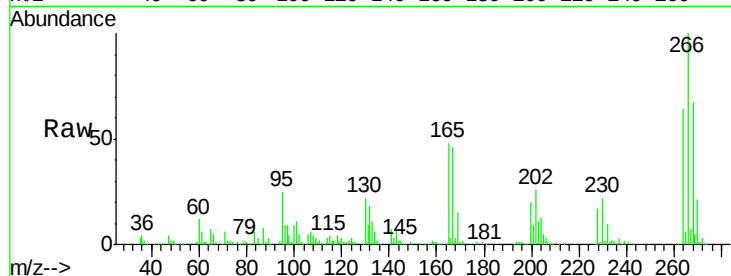
#69
 Pentachlorophenol
 Concen: 62.419 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	63.6	49.5	74.3

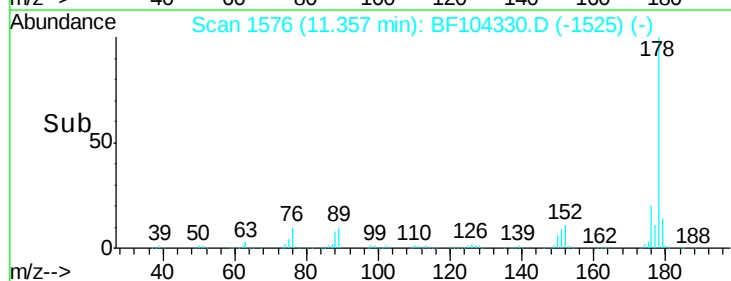
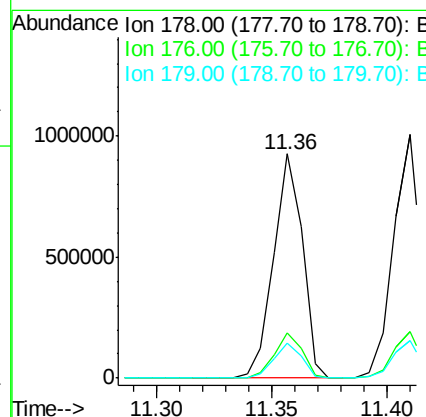
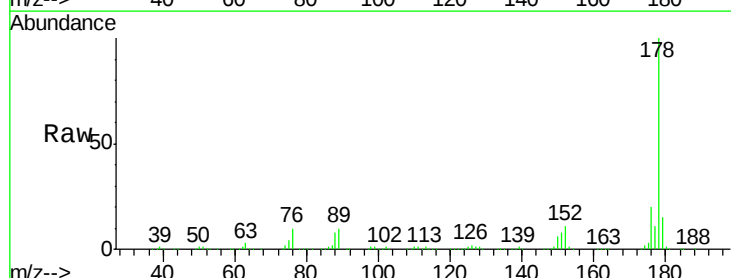
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#70
 Phenanthrene
 Concen: 38.086 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	13.0	19.6





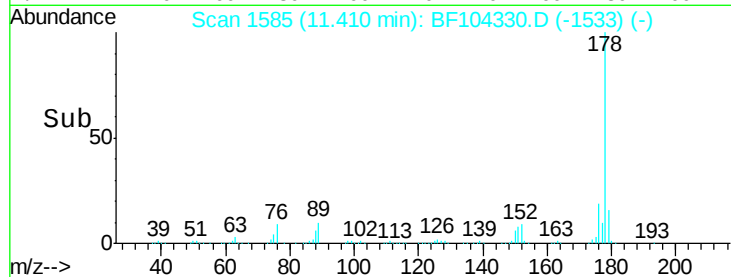
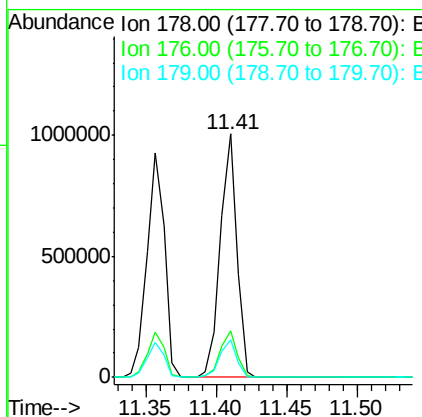
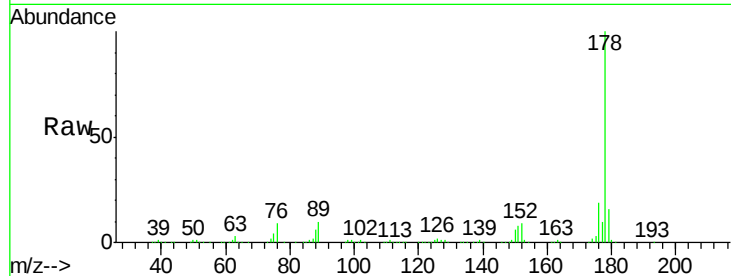
#71
 Anthracene
 Concen: 38.548 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	19.0

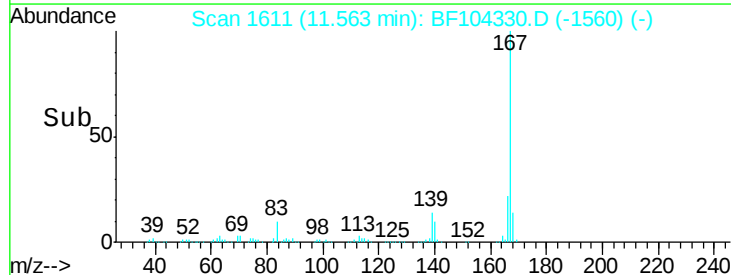
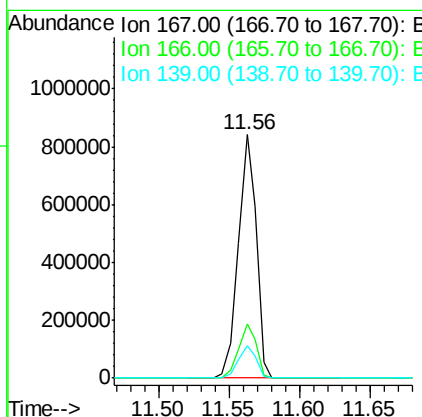
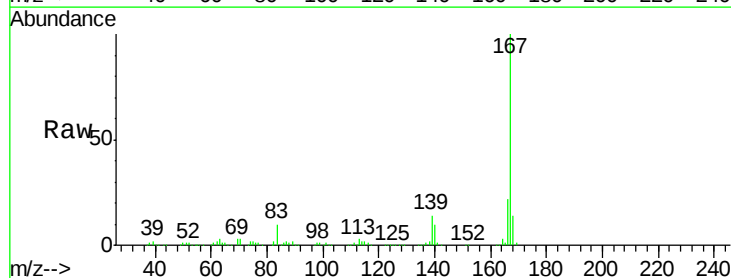
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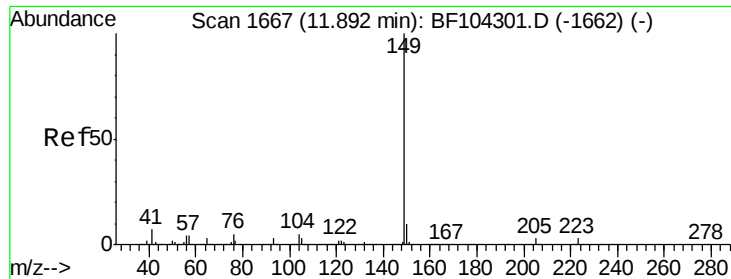
Sohil
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#72
 Carbazole
 Concen: 35.257 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.5	10.9	16.3





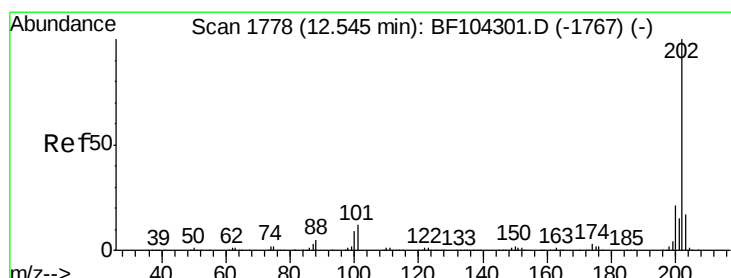
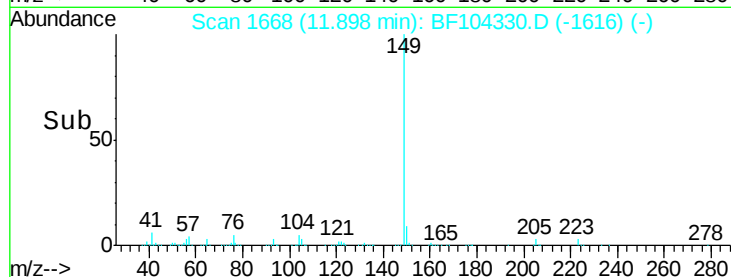
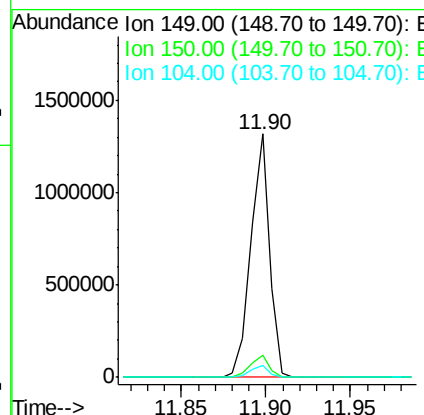
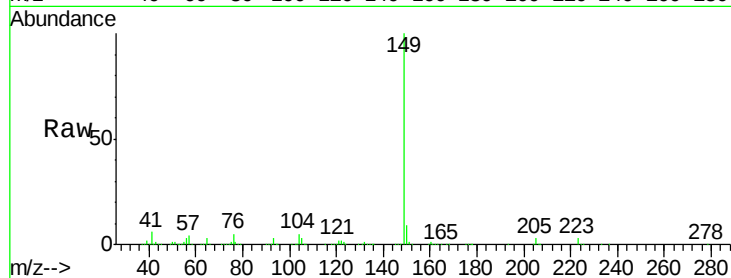
#73
Di-n-butylphthalate
Concen: 39.987 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

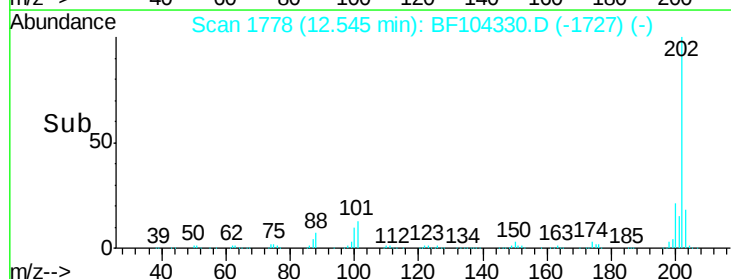
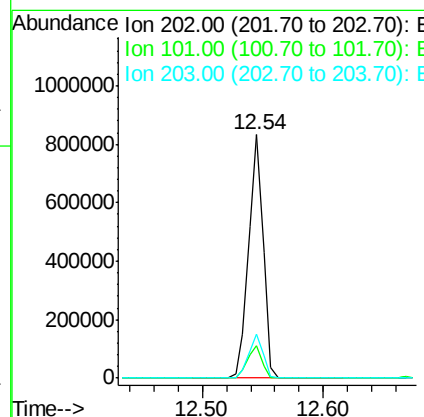
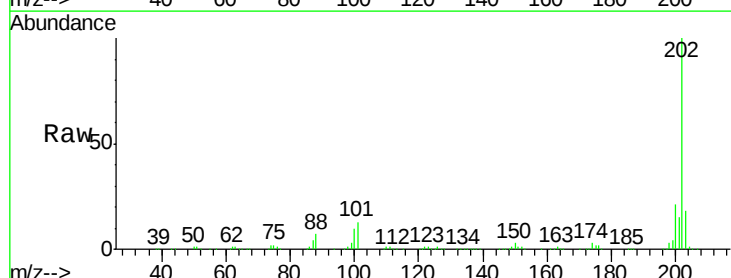
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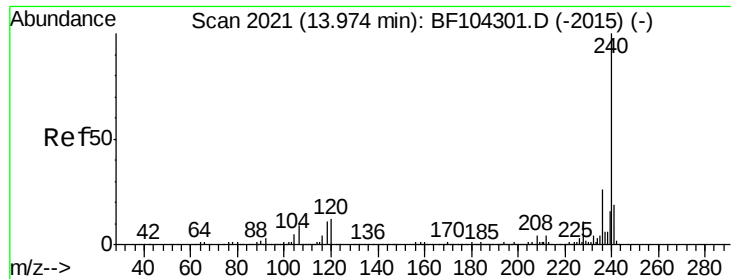
Sohil
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#74
Fluoranthene
Concen: 31.881 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

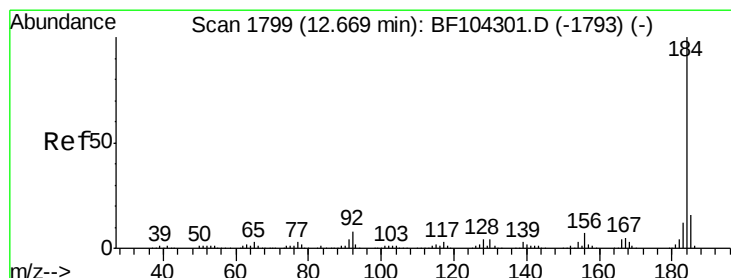
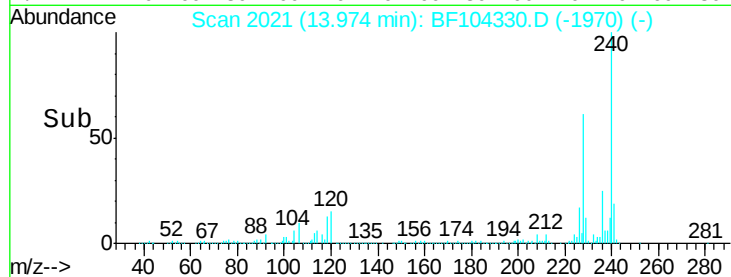
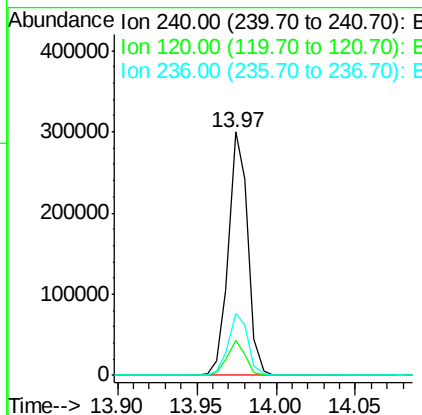
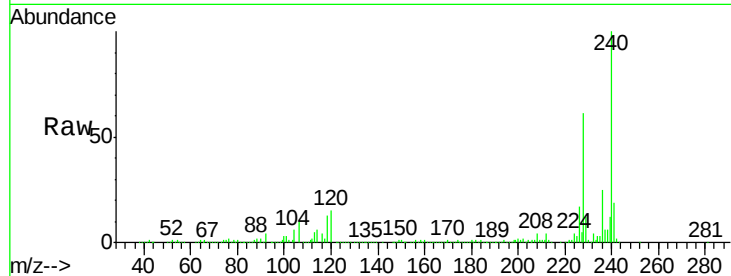
ClientSampleId :

PB108046BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.4	20.7	31.1

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#76

Benzidine

Concen: 61.118 ng

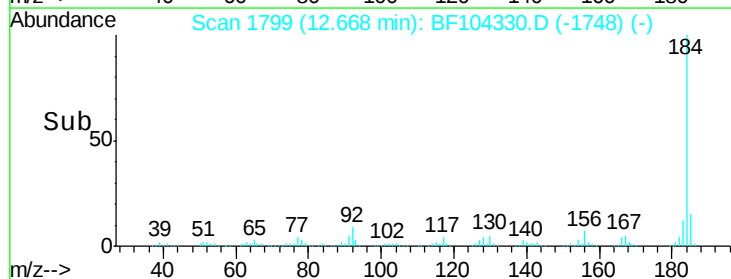
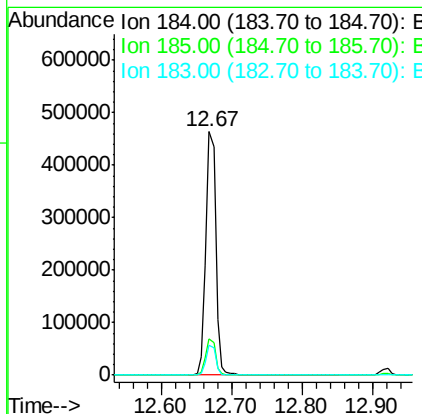
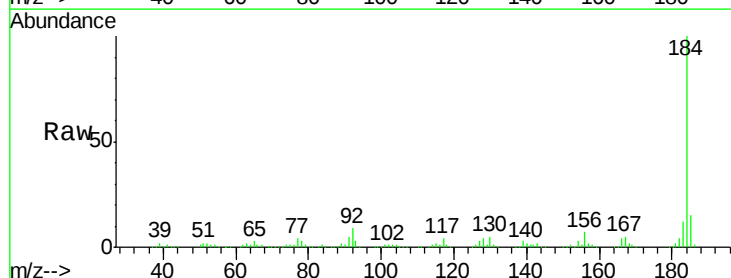
RT: 12.67 min Scan# 1799

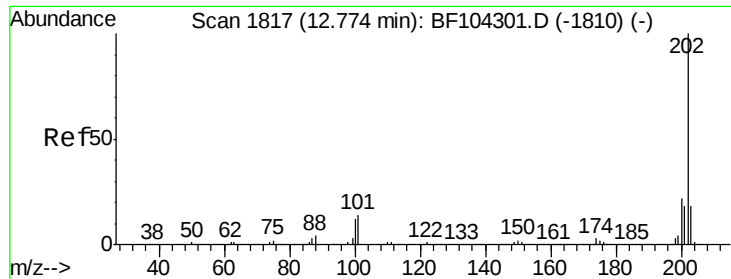
Delta R.T. 0.00 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.0	9.3	13.9





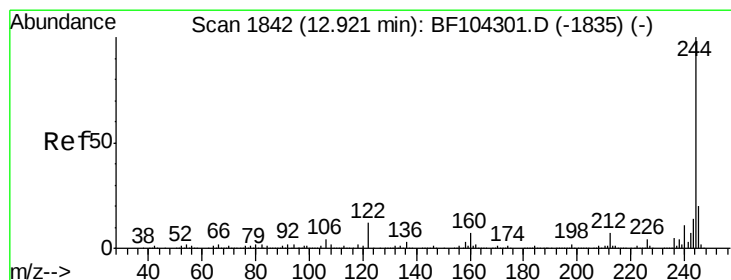
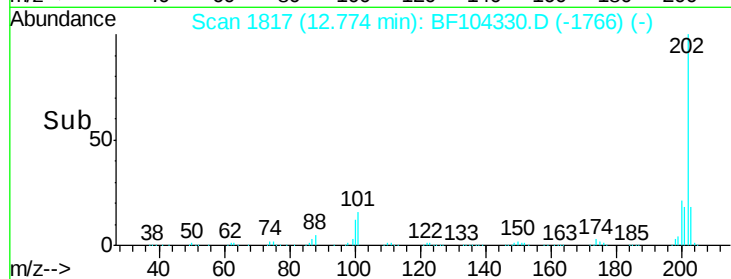
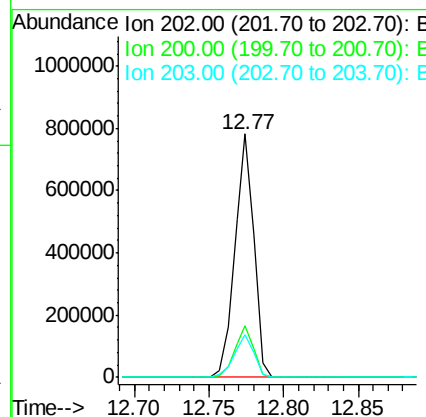
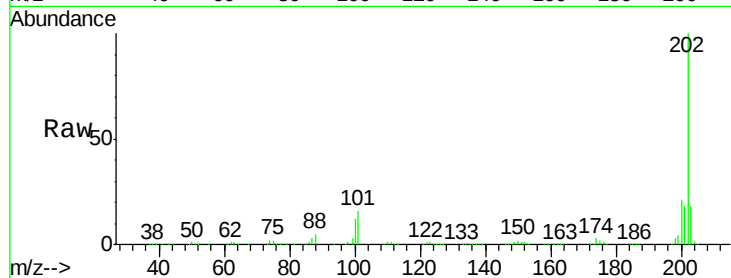
#77
Pvrene
Concen: 37.258 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.7	14.3	21.5

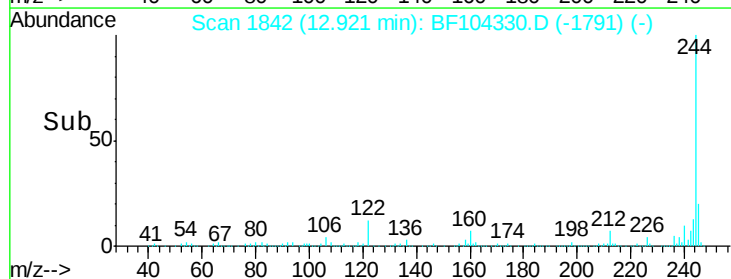
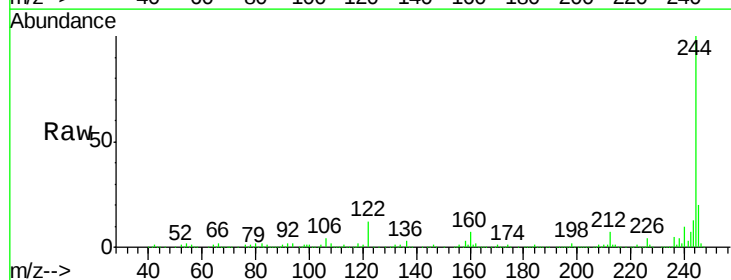
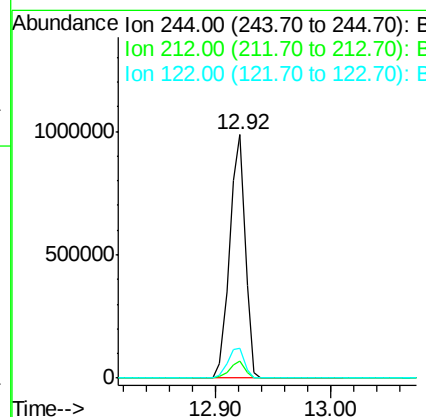
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#78
Terphenyl-d14
Concen: 82.316 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.4	11.0	16.4





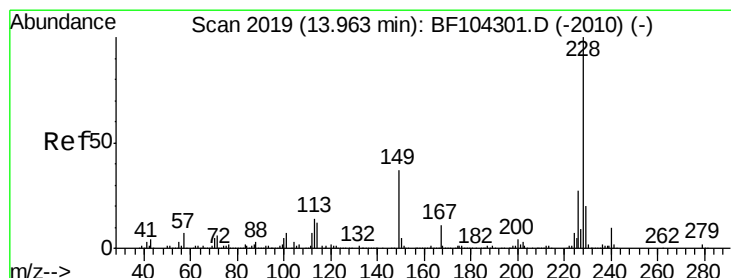
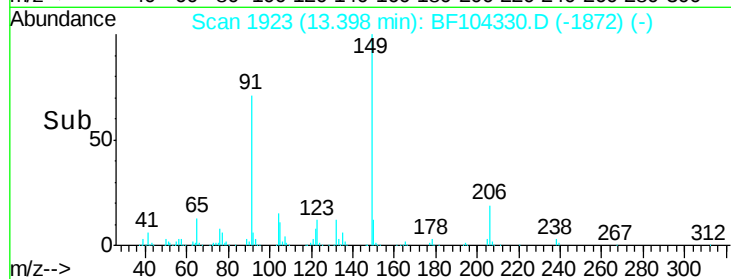
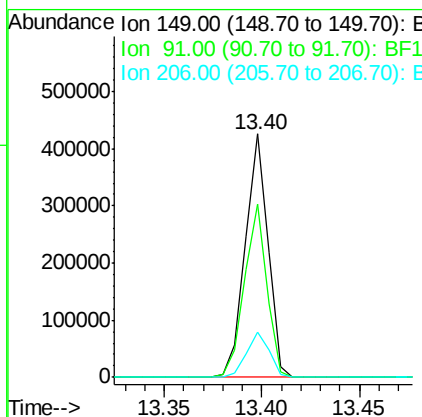
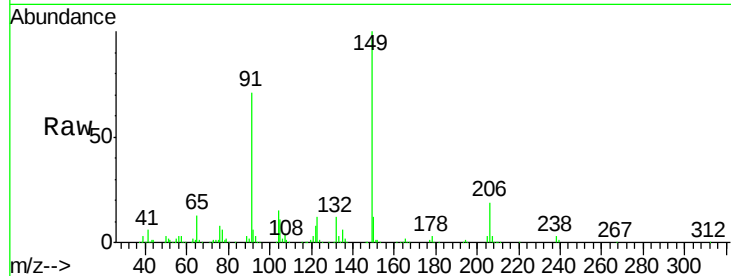
#79
Butylbenzylphthalate
Concen: 38.643 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.00 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	343161		
91	71.2	56.8	85.2	
206	18.7	14.1	21.1	

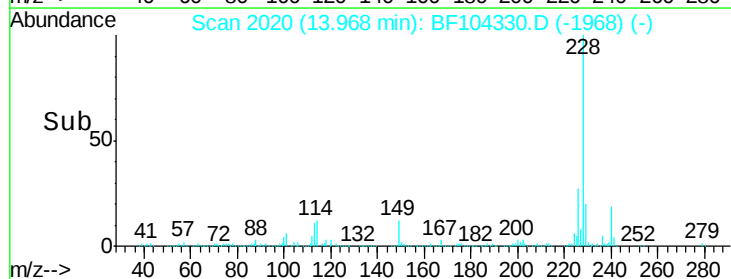
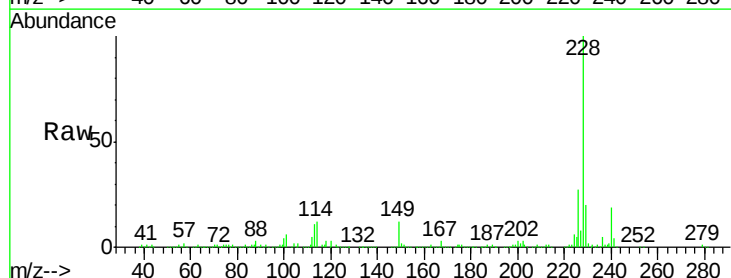
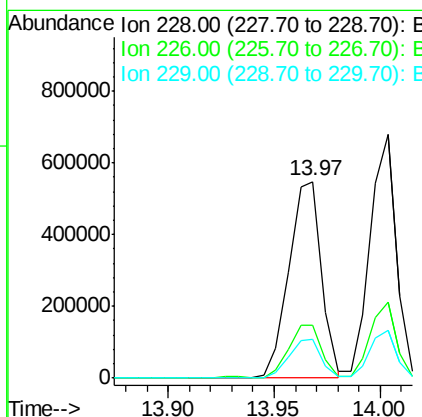
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#80
Benzo(a)anthracene
Concen: 38.778 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	589121		
226	27.1	22.6	33.8	
229	19.6	15.8	23.6	





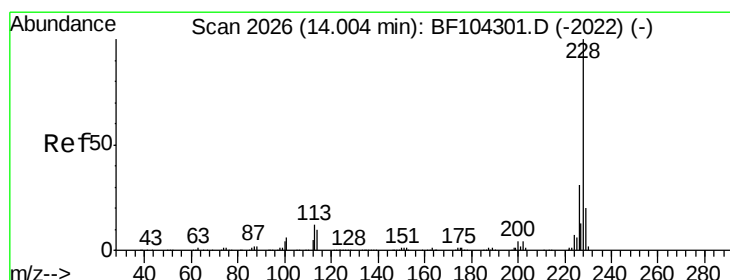
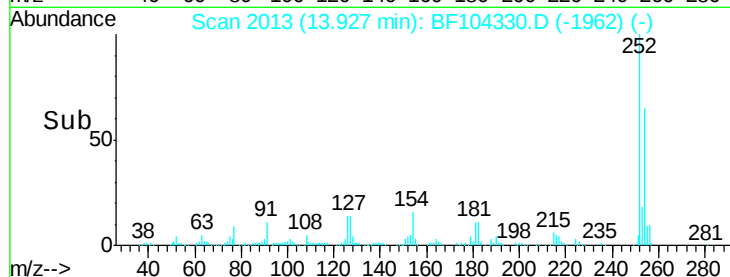
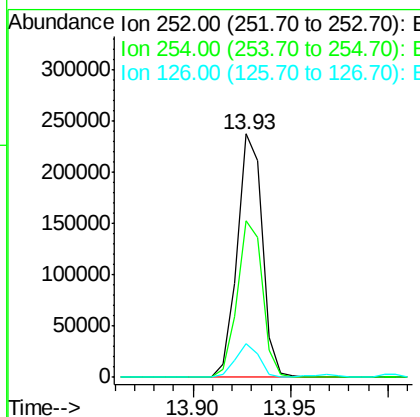
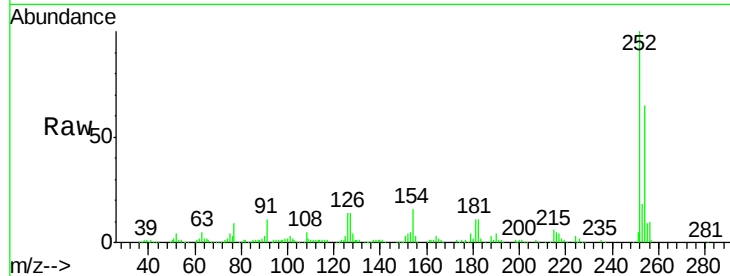
#81
 3,3'-Dichlorobenzidine
 Concen: 37.358 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	13.9	11.3	16.9

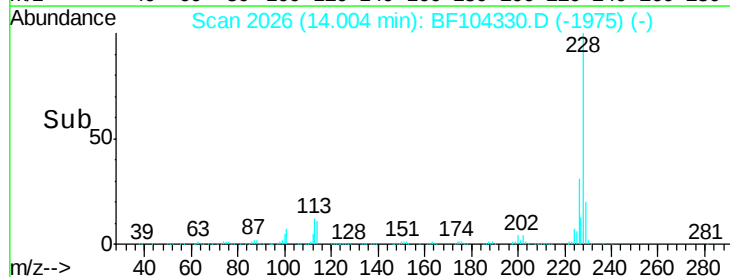
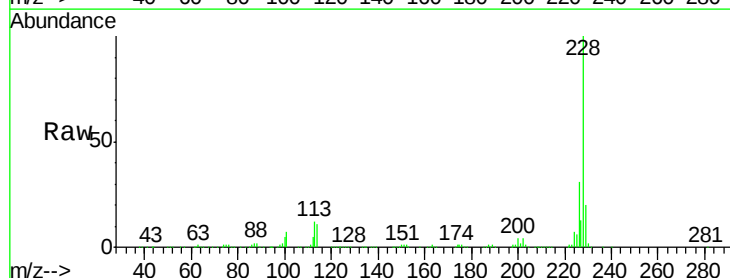
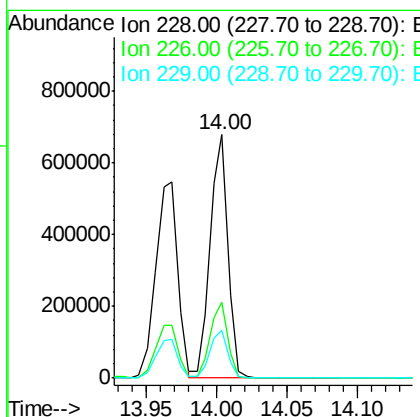
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#82
 Chrysene
 Concen: 37.907 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4





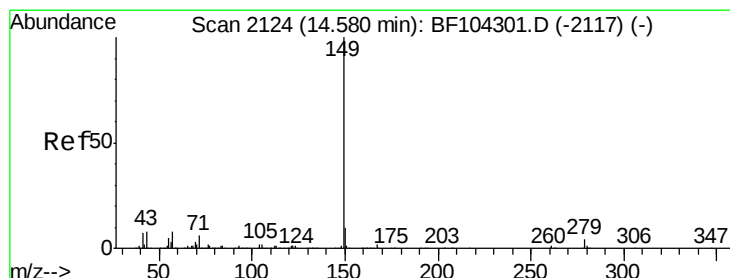
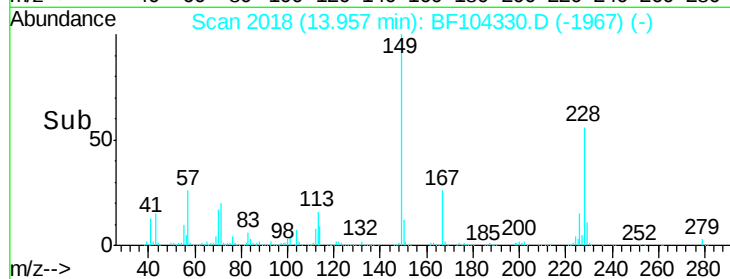
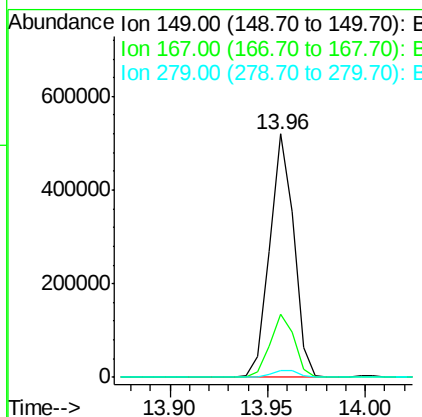
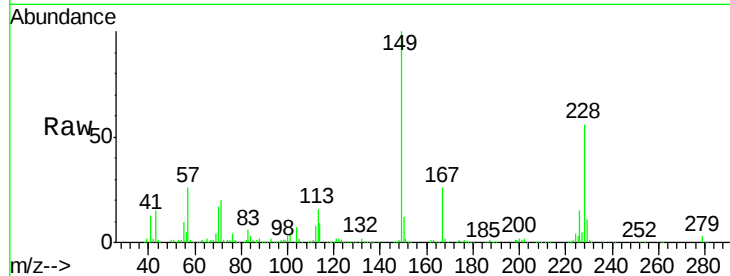
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.964 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	445053		
167	26.1	21.3	31.9	
279	3.0	3.0	4.4	

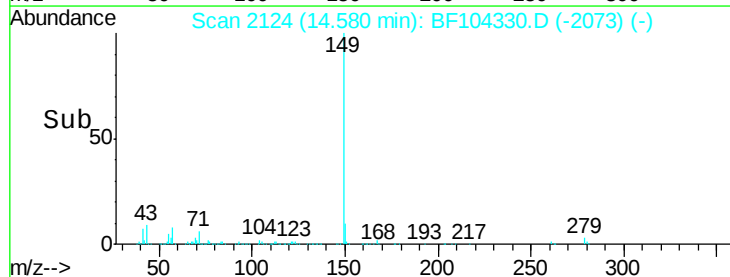
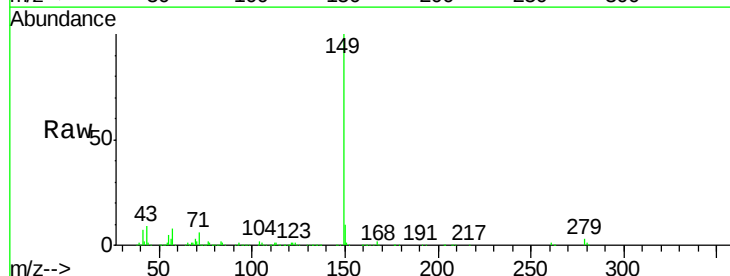
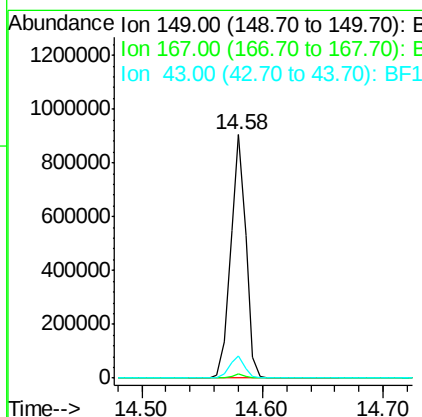
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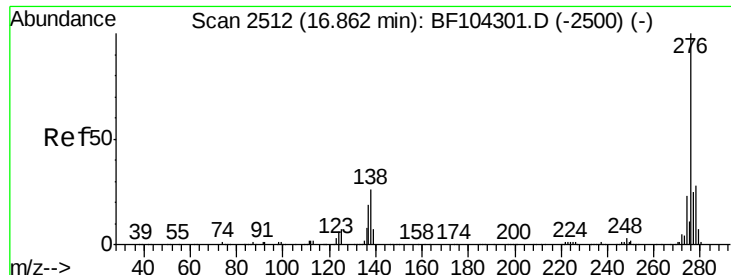
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#84
 Di-n-octyl phthalate
 Concen: 41.198 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786282		
167	1.5	1.2	1.8	
43	8.9	8.4	12.6	





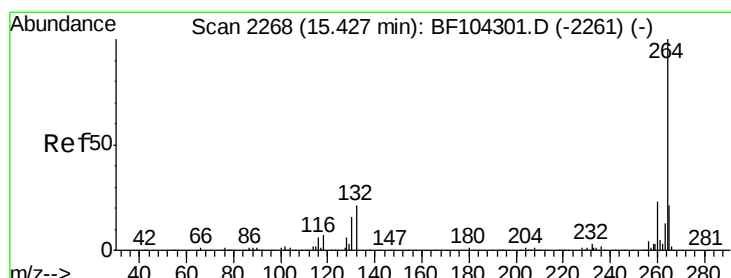
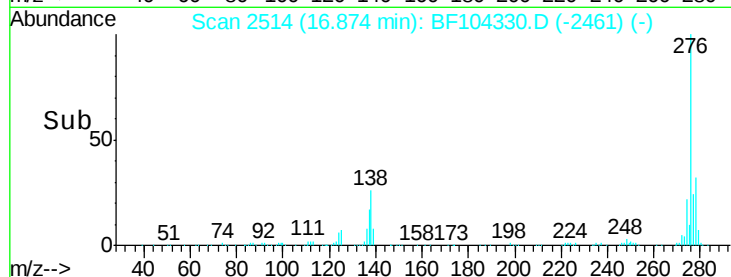
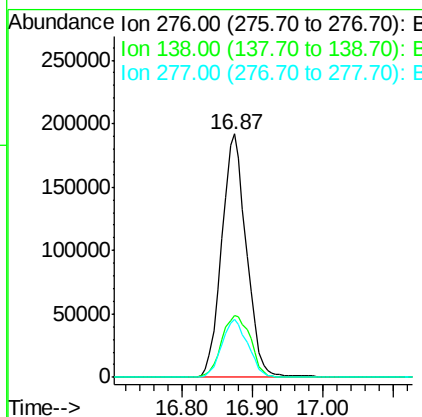
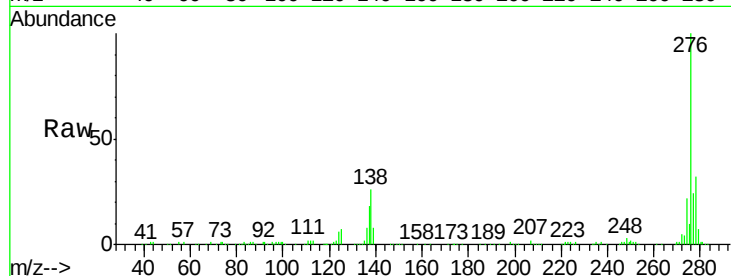
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.265 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.2	20.1	30.1

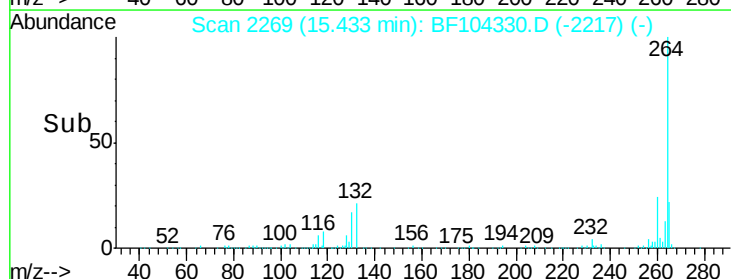
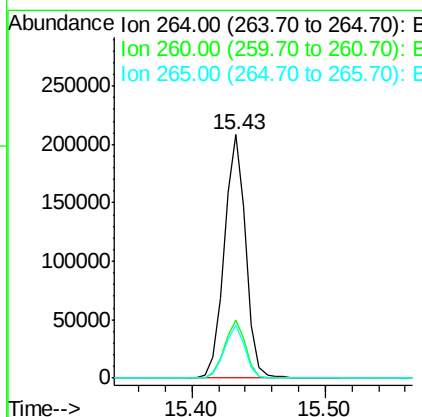
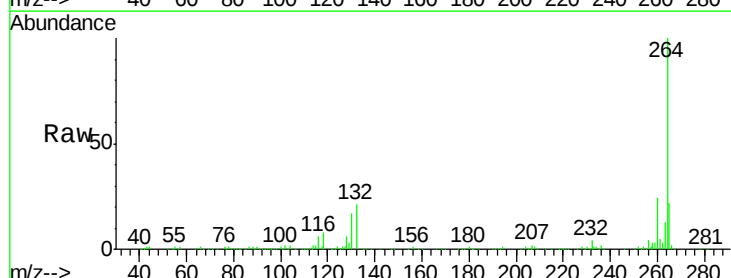
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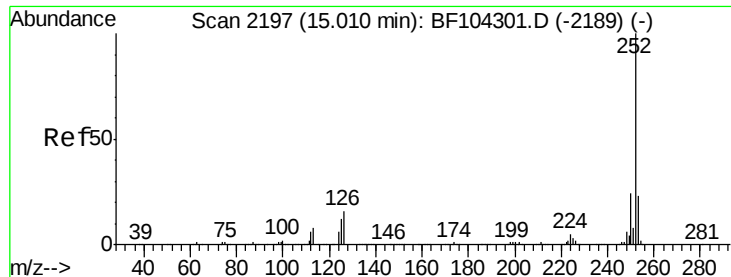
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3





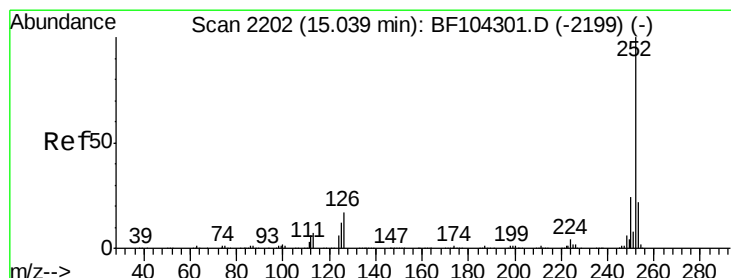
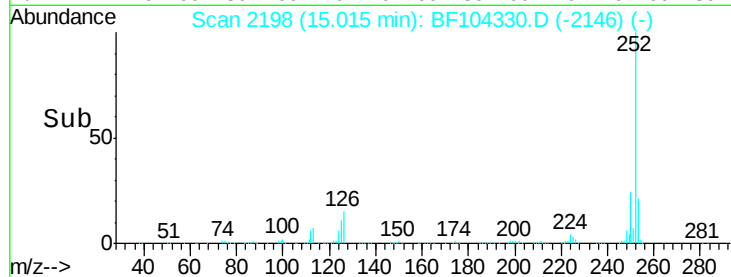
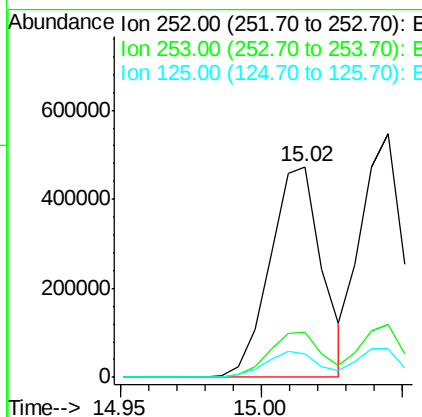
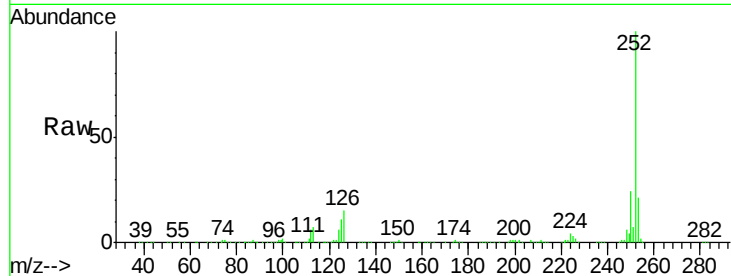
#87
Benzo(b)fluoranthene
Concen: 40.843 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Instrument :
BNA_F
ClientSampleId :
PB108046BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.2	9.0	13.6

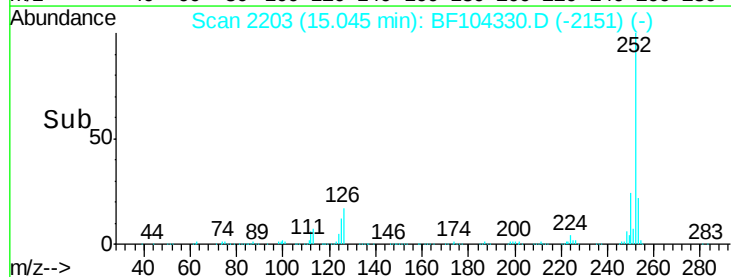
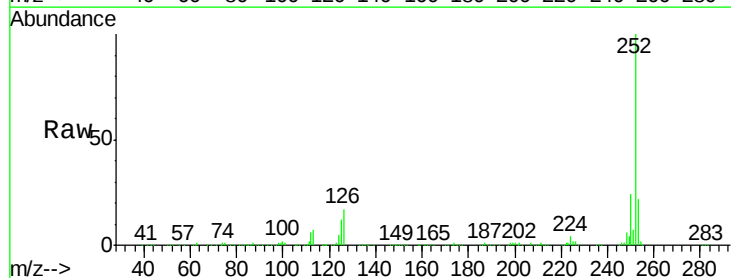
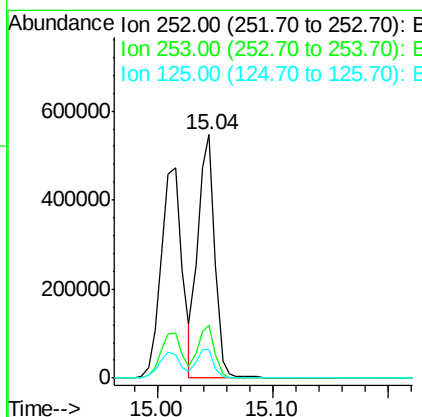
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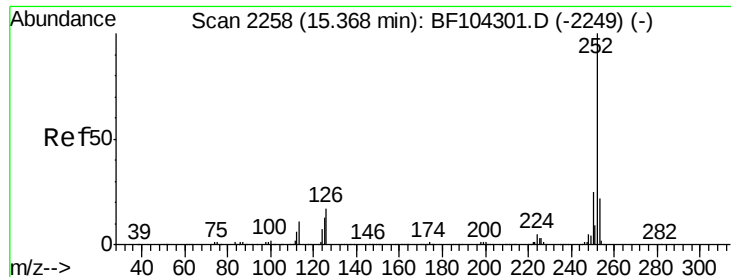
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#88
Benzo(k)fluoranthene
Concen: 40.357 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104330.D
Acq: 7 Apr 2018 2:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 39.862 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Instrument :

BNA_F

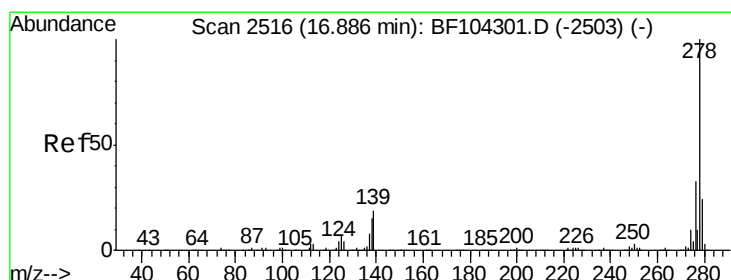
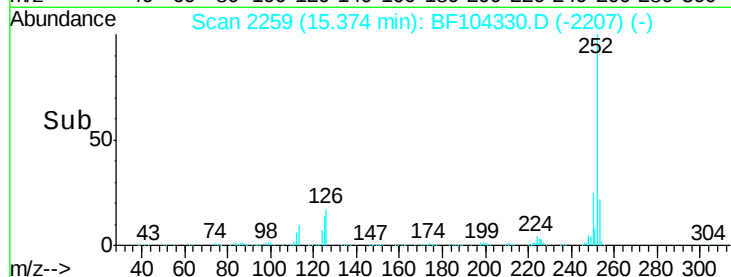
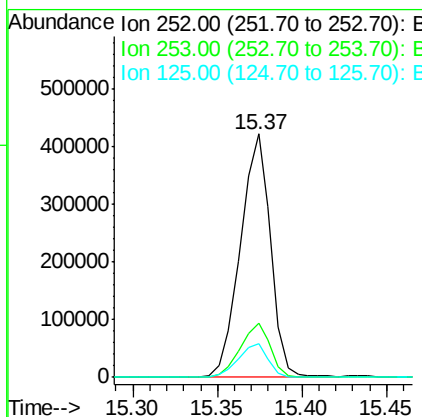
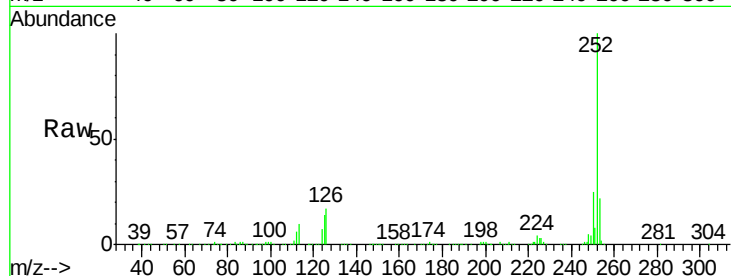
ClientSampleId :

PB108046BS

Tot Ion:	252	Resp:	526789
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.1	25.7
125	13.7	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 36.672 ng

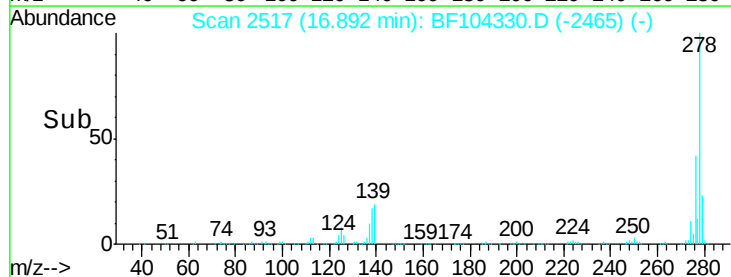
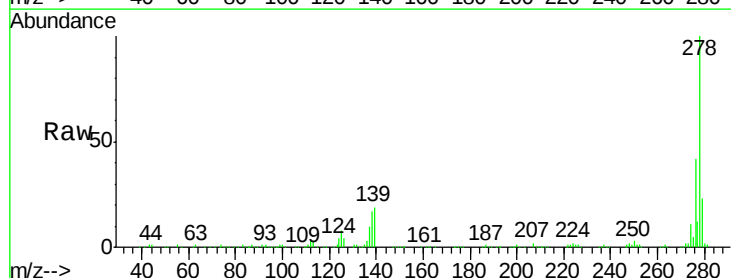
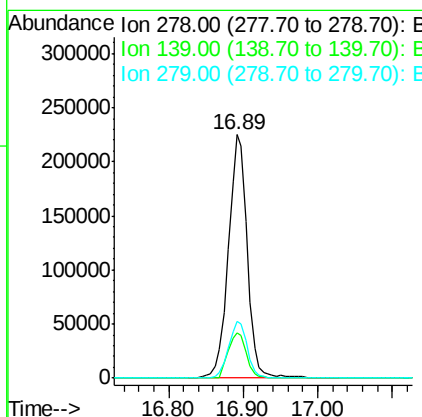
RT: 16.89 min Scan# 2517

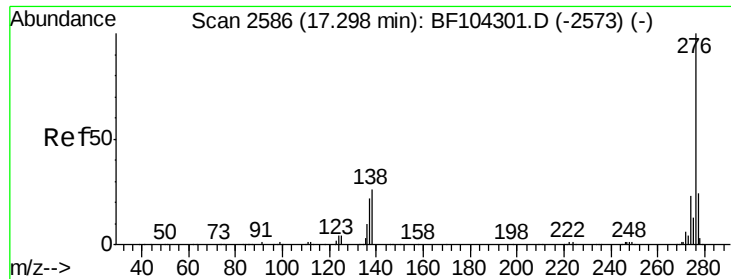
Delta R.T. 0.01 min

Lab File: BF104330.D

Acq: 7 Apr 2018 2:21

Tgt Ion:	278	Resp:	398023
Ion Ratio	Lower	Upper	
278	100		
139	18.7	15.9	23.9
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.474 ng
 RT: 17.31 min Scan# 2588
 Delta R.T. 0.01 min
 Lab File: BF104330.D
 Acq: 7 Apr 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB108046BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	25.3	21.8	32.8

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