

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105078.D
 Acq On : 3 May 2018 17:48
 Operator : JU/SJ
 Sample : PB108660BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Manual Integrations
 APPROVED

Sohil
 5/4/2018 10:51:36 AM

Quant Time: May 04 02:33:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	98754	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	421890	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	214369	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	402398	20.00	ng	0.00
75) Chrysene-d12	14.02	240	292015	20.00	ng	-0.02
86) Perylene-d12	15.57	264	232643	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	738723	114.38	ng	0.01
7) Phenol-d6	6.44	99	861150	108.52	ng	0.00
23) Nitrobenzene-d5	7.35	82	537938	83.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	268224	120.62	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1086288	80.05	ng	-0.01
78) Terphenyl-d14	12.90	244	1140398	89.03	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	83042	27.594	ng	# 88
3) Pyridine	3.30	79	219053	25.890	ng	85
4) n-Nitrosodimethylamine	3.26	42	88704	29.991	ng	80
6) Aniline	6.45	93	187153	16.976	ng	# 1
8) 2-Chlorophenol	6.57	128	275696	40.444	ng	93
9) Benzaldehyde	6.33	77	95094	19.928	ng	97
10) Phenol	6.45	94	315784	37.505	ng	79
11) bis(2-Chloroethyl)ether	6.52	93	253073	37.665	ng	92
12) 1,3-Dichlorobenzene	6.72	146	284297	36.814	ng	98
13) 1,4-Dichlorobenzene	6.80	146	290624	37.753	ng	98
14) 1,2-Dichlorobenzene	6.95	146	267170	37.451	ng	98
15) Benzyl Alcohol	6.94	79	208428	34.582	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	278791	30.897	ng	# 1
17) 2-Methylphenol	7.06	107	223378	37.698	ng	# 87
18) Hexachloroethane	7.28	117	102752	37.436	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	183472	35.382	ng	92
20) 3+4-Methylphenols	7.21	107	303096	41.243	ng	97
22) Acetophenone	7.20	105	378667	36.457	ng	# 93
24) Nitrobenzene	7.37	77	273194	38.298	ng	99
25) Isophorone	7.61	82	511851	37.463	ng	# 97
26) 2-Nitrophenol	7.69	139	158872	54.708	ng	92
27) 2,4-Dimethylphenol	7.73	122	247842	41.103	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	328233	39.293	ng	99
29) 2,4-Dichlorophenol	7.94	162	247543	43.026	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	244108	38.661	ng	97
31) Naphthalene	8.09	128	811281	38.618	ng	100
32) Benzoic acid	7.89	122	173280	36.017	ng	97
33) 4-Chloroaniline	8.16	127	48865	5.429	ng	95
34) Hexachlorobutadiene	8.19	225	135225	39.100	ng	97
35) Caprolactam	8.53	113	76781m	38.256	ng	
36) 4-Chloro-3-methylphenol	8.65	107	263826	42.766	ng	97
37) 2-Methylnaphthalene	8.78	142	542852	39.948	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	241632	39.376	ng	99
40) Hexachlorocyclopentadiene	8.92	237	194919	56.738	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168343	39.519	nq	100
43) 2,4,5-Trichlorophenol	9.12	196	175163	36.746	nq	95
45) 1,1'-Biphenyl	9.25	154	667210	37.050	nq	99
46) 2-Chloronaphthalene	9.27	162	531219	37.346	nq	99
47) 2-Nitroaniline	9.38	65	149867	42.604	nq	96
48) Acenaphthylene	9.69	152	779319	34.919	nq	100
49) Dimethylphthalate	9.55	163	653592	38.663	nq	99
50) 2,6-Dinitrotoluene	9.62	165	143601	45.908	nq	94
51) Acenaphthene	9.86	154	471011	34.590	nq	100
52) 3-Nitroaniline	9.80	138	53831	14.700	nq	90
53) 2,4-Dinitrophenol	9.91	184	141798	98.637	nq	# 22
54) Dibenzofuran	10.03	168	683677	36.028	nq	96
55) 4-Nitrophenol	9.99	139	161788	56.243	nq	98
56) 2,4-Dinitrotoluene	10.03	165	174961	42.642	nq	95
57) Fluorene	10.37	166	576987	41.773	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147945	41.601	nq	93
59) Diethylphthalate	10.25	149	645045	38.314	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	271786	44.183	nq	98
61) 4-Nitroaniline	10.42	138	139422	38.938	nq	99
62) Azobenzene	10.53	77	573121	35.631	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	98518	49.923	nq	# 73
65) n-Nitrosodiphenylamine	10.49	169	523672	37.533	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	172033	40.193	nq	# 87
67) Hexachlorobenzene	10.92	284	191844	39.833	nq	# 90
68) Atrazine	11.02	200	151167	35.895	nq	97
69) Pentachlorophenol	11.13	266	161210	54.106	nq	98
70) Phenanthrene	11.34	178	830692	37.069	nq	99
71) Anthracene	11.39	178	867099	38.065	nq	99
72) Carbazole	11.56	167	788899	35.441	nq	99
73) Di-n-butylphthalate	11.87	149	1030680	37.905	nq	99
74) Fluoranthene	12.53	202	870426	37.176	nq	98
76) Benzidine	12.66	184	135634	9.332	nq	97
77) Pyrene	12.77	202	868907	40.143	nq	98
79) Butylbenzylphthalate	13.39	149	418191	41.010	nq	93
80) Benzo(a)anthracene	14.00	228	736199	42.200	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	95592	14.696	nq	98
82) Chrysene	14.04	228	688866	38.443	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	575504	43.877	nq	99
84) Di-n-octyl phthalate	14.66	149	899202	41.029	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.06	276	524388	34.450	nq	95
87) Benzo(b)fluoranthene	15.13	252	620728	42.246	nq	99
88) Benzo(k)fluoranthene	15.17	252	566505	40.839	nq	97
89) Benzo(a)pyrene	15.51	252	540119	41.083	nq	99
90) Dibenzo(a,h)anthracene	17.06	278	434701	40.259	nq	98
91) Benzo(g,h,i)perylene	17.50	276	443940	42.438	nq	95

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

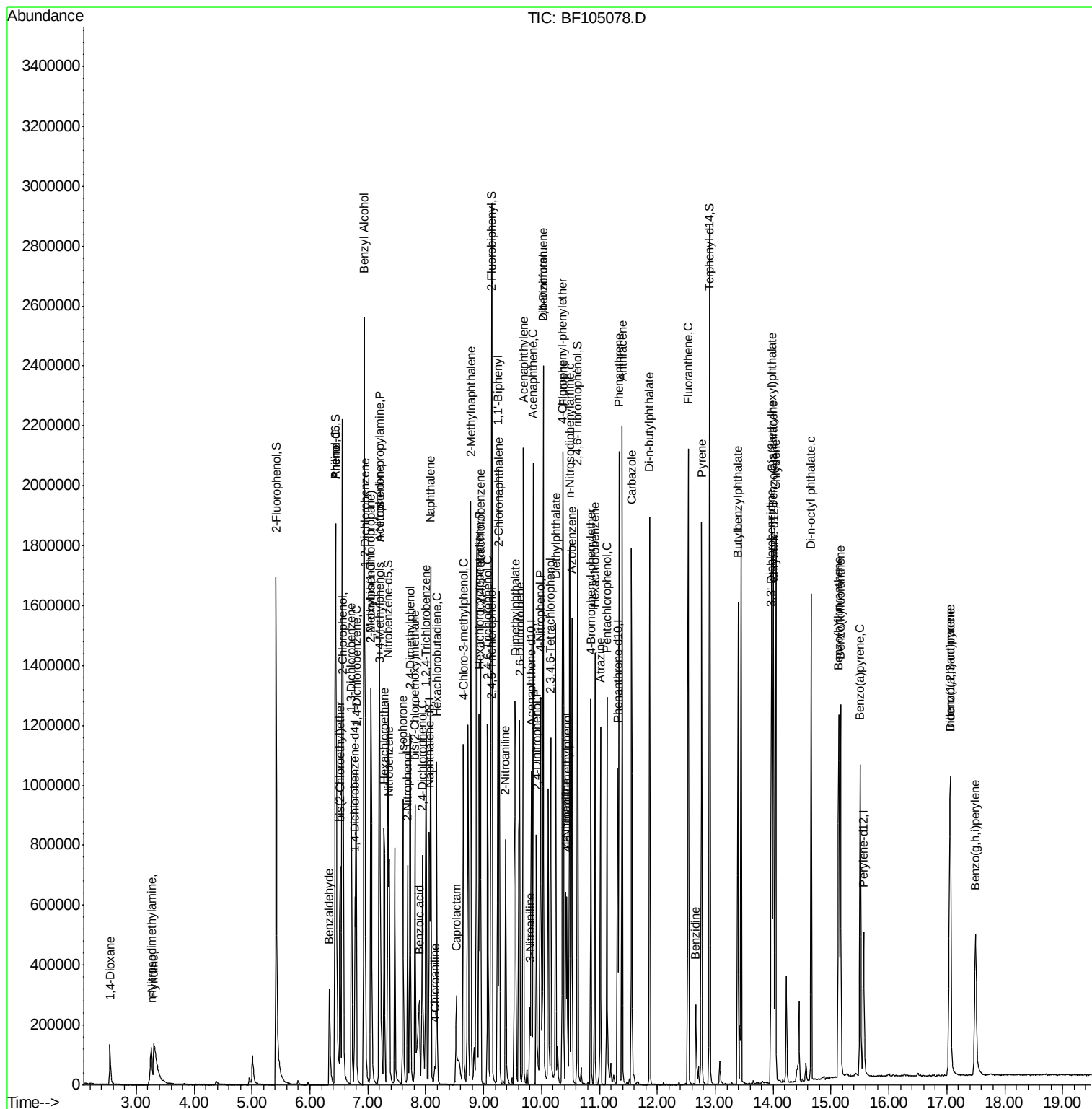
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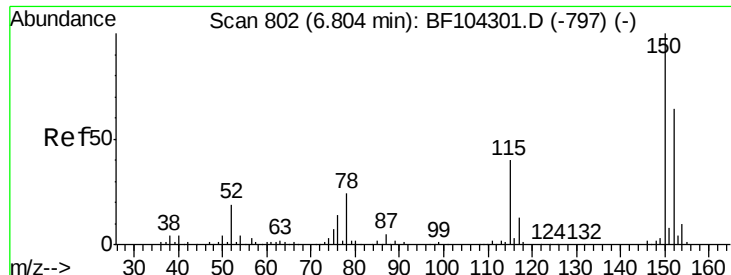
Instrument :
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#1

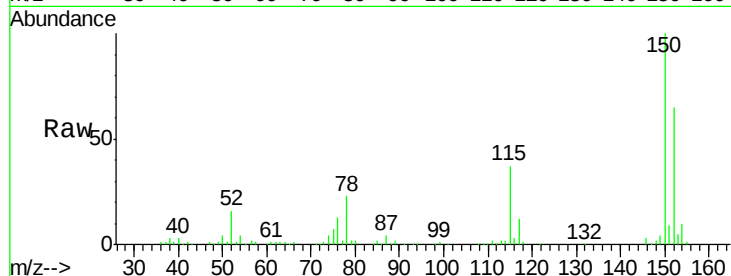
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

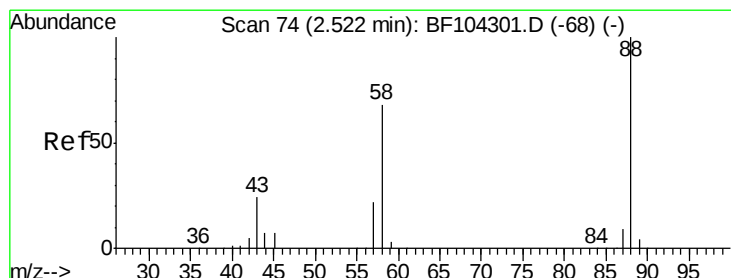
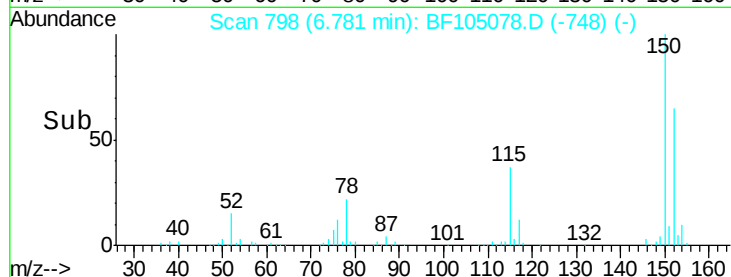
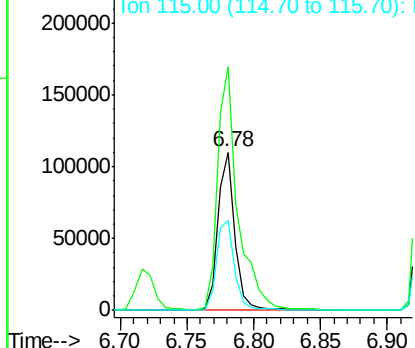
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	57.1	50.1	75.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

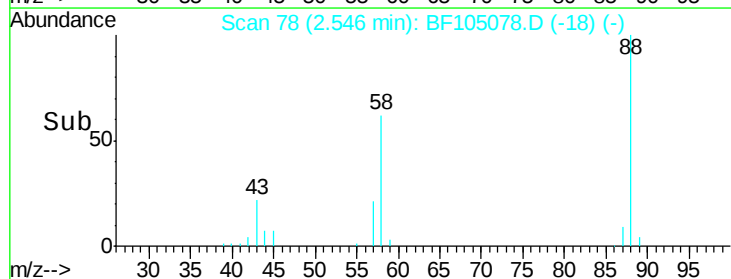
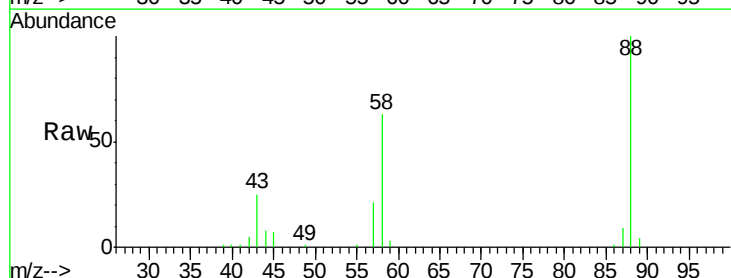
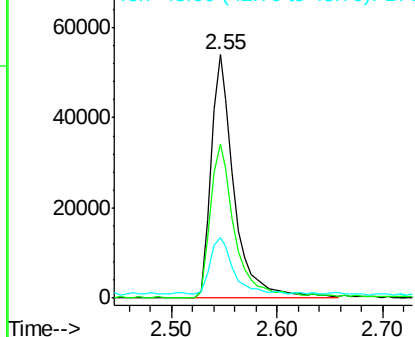


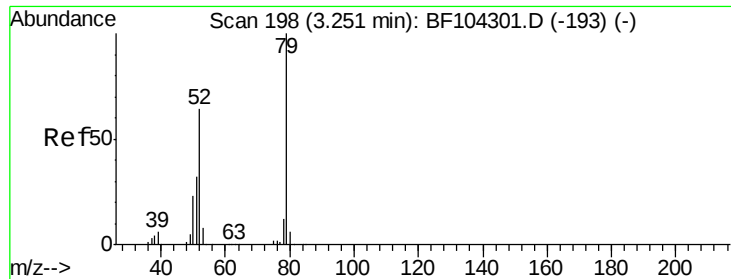
#2

1,4-Dioxane
Concen: 27.594 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	62.6	93.8
43	23.0	24.6	37.0

Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.890 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.08 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

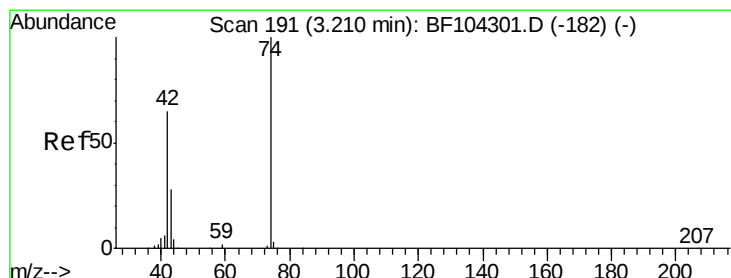
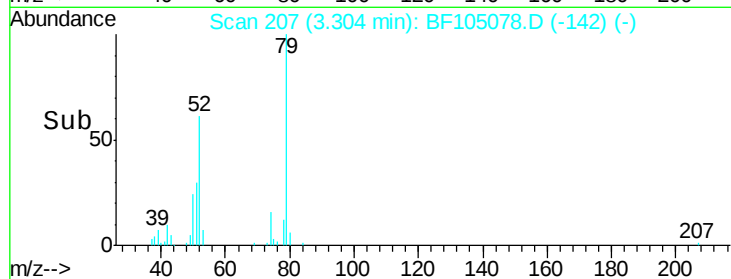
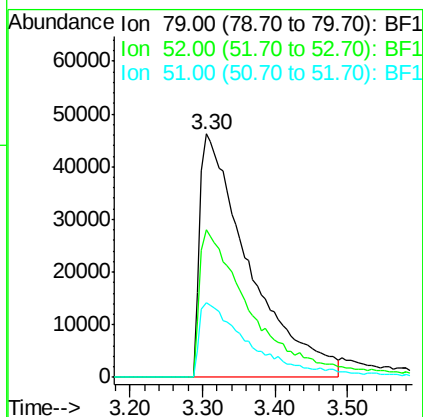
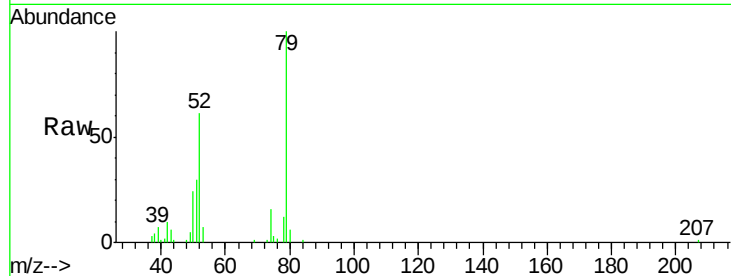
ClientSampleId :

PB108660BS

Tot Ion:	79	Resp:	219053
Ion Ratio	Lower	Upper	
79	100		
52	60.8	59.8	89.6
51	30.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 29.991 ng

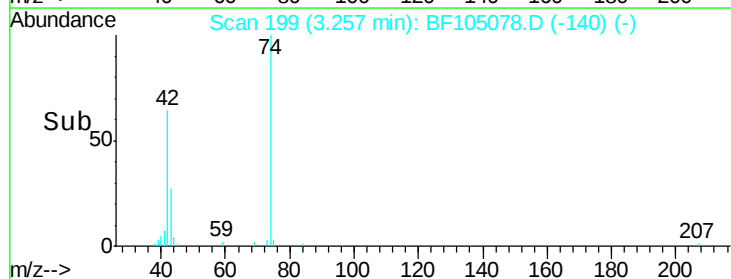
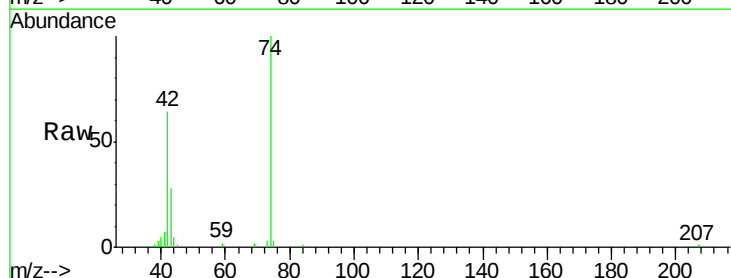
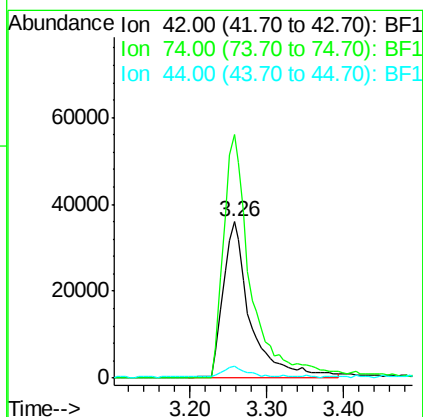
RT: 3.26 min Scan# 199

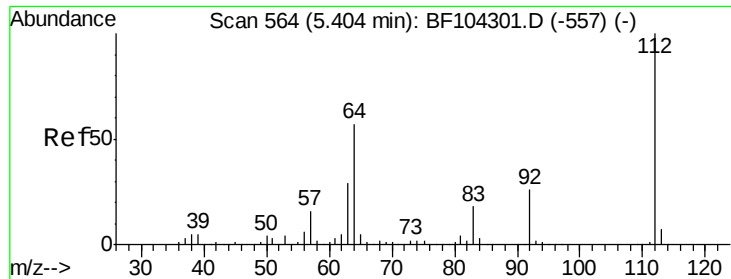
Delta R.T. 0.05 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	42	Resp:	88704
Ion Ratio	Lower	Upper	
42	100		
74	155.8	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 114.380 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

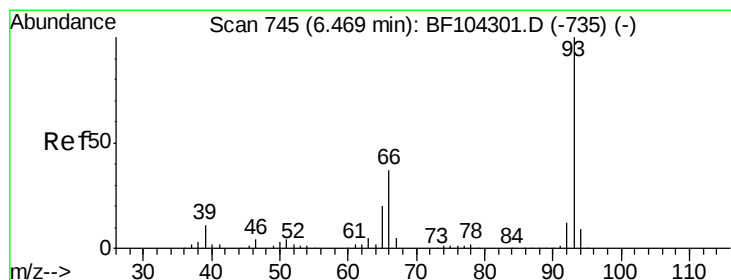
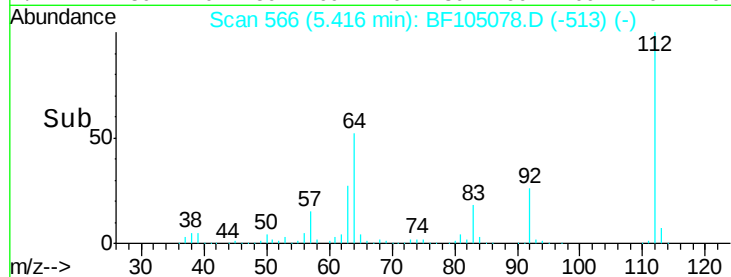
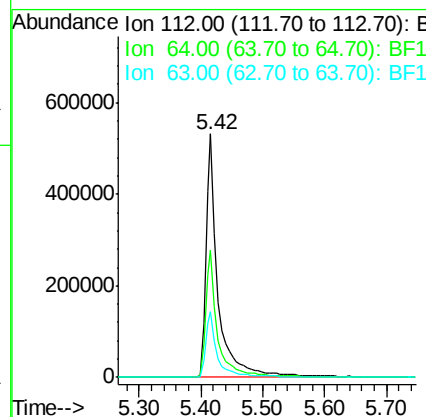
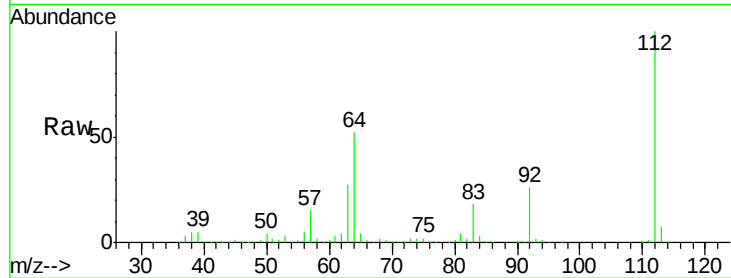
ClientSampleID :

PB108660BS

Tot Ion:	112	Resp:	738723
Ion Ratio	Lower	Upper	
112	100		
64	52.0	47.9	71.9
63	27.0	23.7	35.5

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#6

Aniline

Concen: 16.976 ng

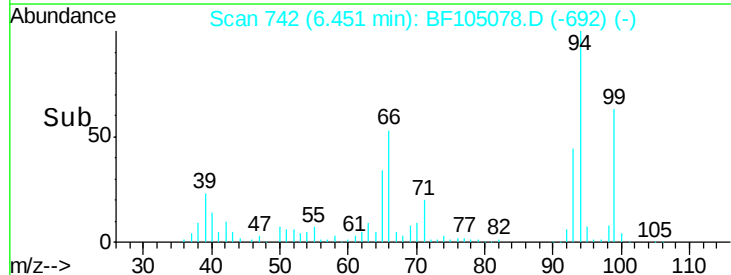
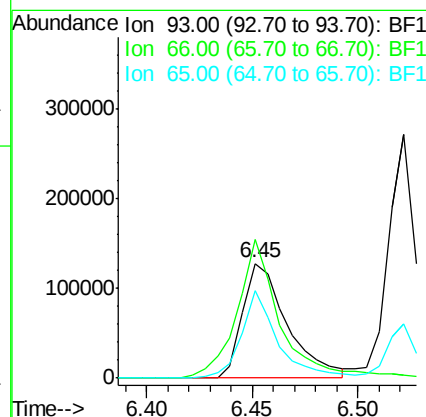
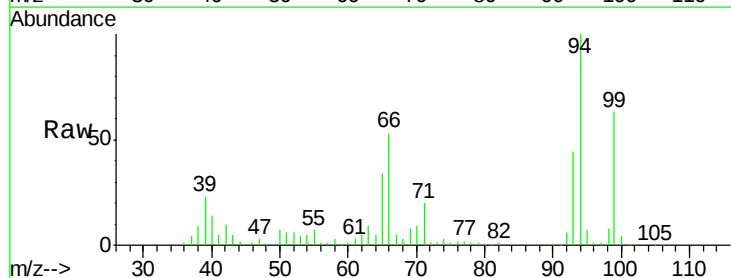
RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	93	Resp:	187153
Ion Ratio	Lower	Upper	
93	100		
66	120.4	32.2	48.2#
65	76.0	16.4	24.6#





#7

Phenol-d6

Concen: 108.520 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

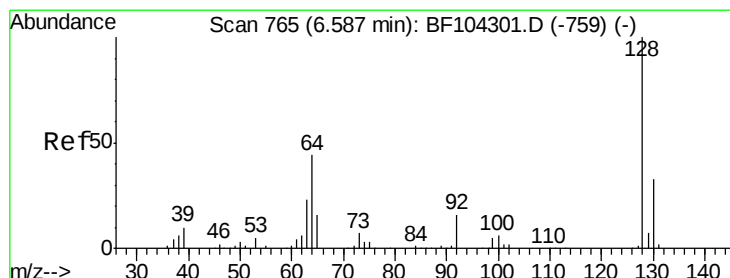
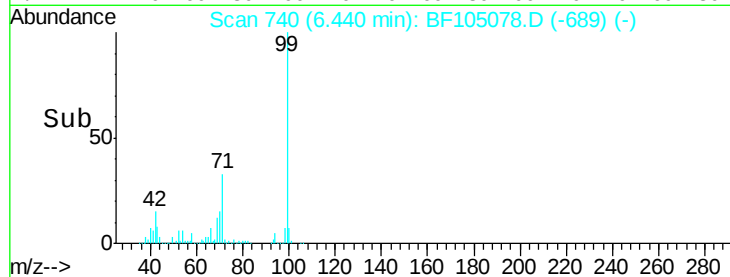
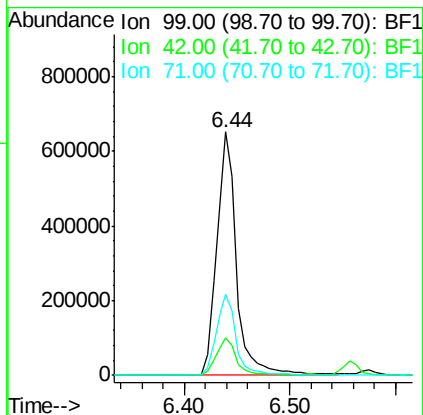
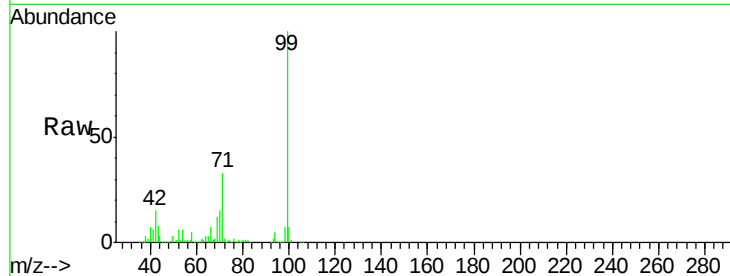
ClientSampleId :

PB108660BS

Tot Ion:	99	Resp:	861150
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.444 ng

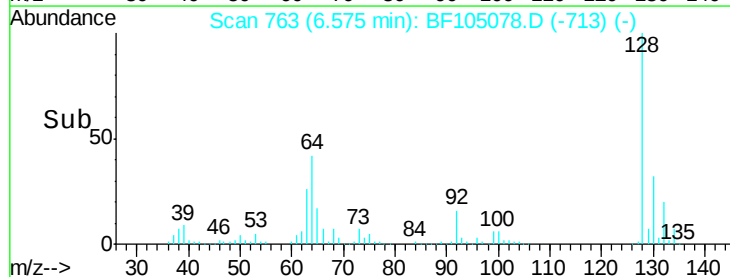
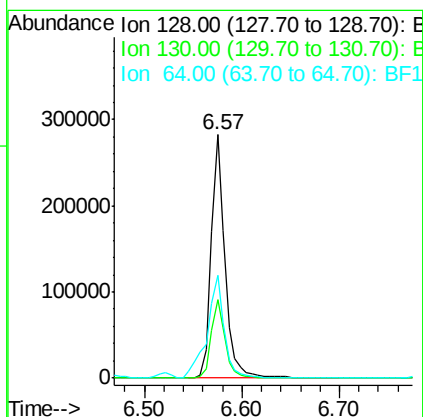
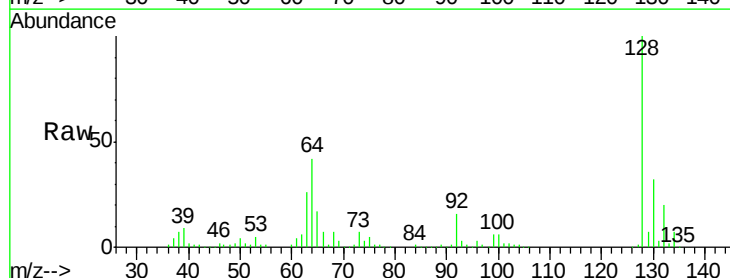
RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	128	Resp:	275696
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.3	29.4	69.4





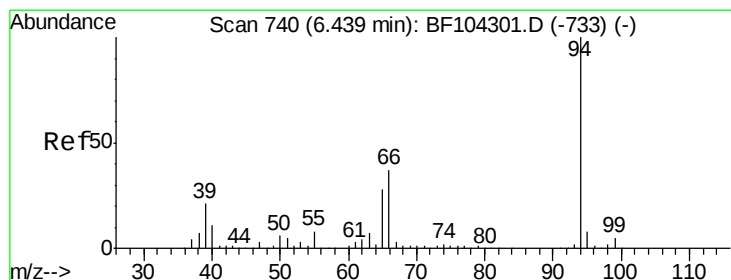
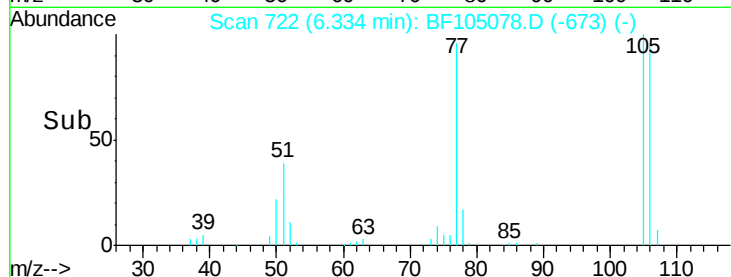
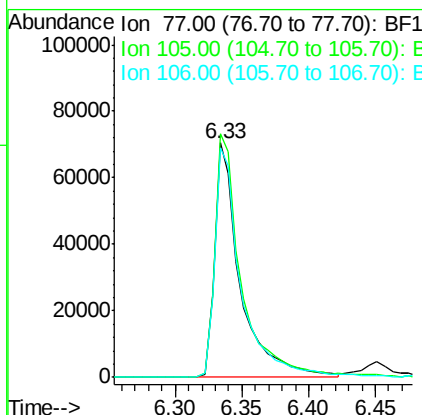
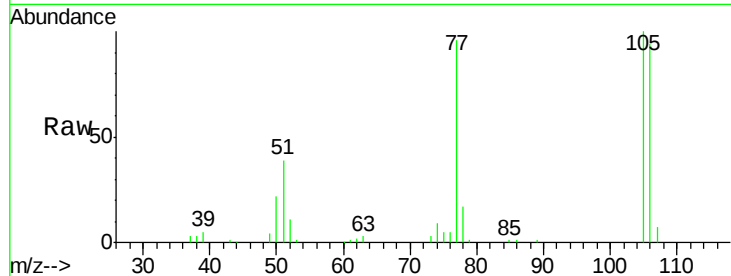
#9
Benzaldehyde
Concen: 19.928 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
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ClientSampleID :
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Tot Ion: 77 Resp: 95094
Ion Ratio Lower Upper
77 100
105 104.0 81.1 121.1
106 98.1 74.5 114.5

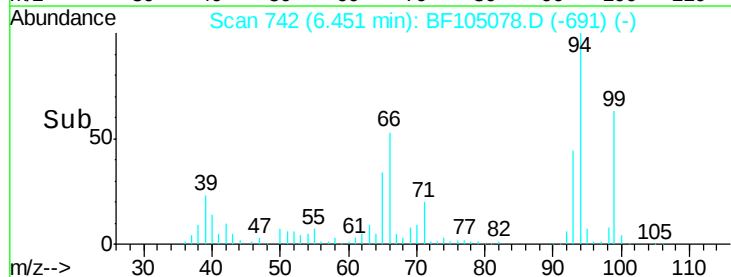
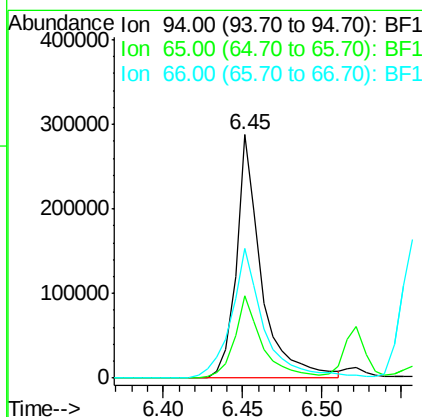
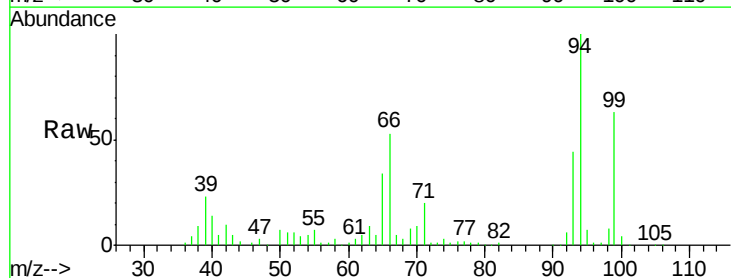
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#10
Phenol
Concen: 37.505 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion: 94 Resp: 315784
Ion Ratio Lower Upper
94 100
65 33.7 7.9 47.9
66 53.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.665 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

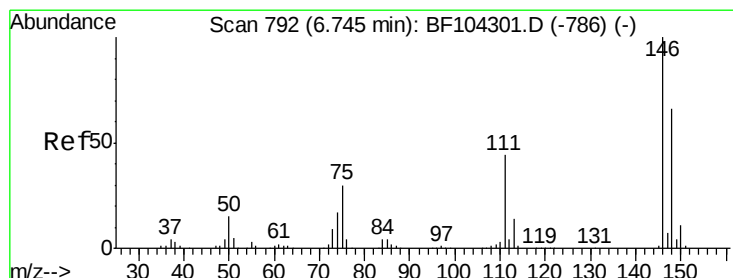
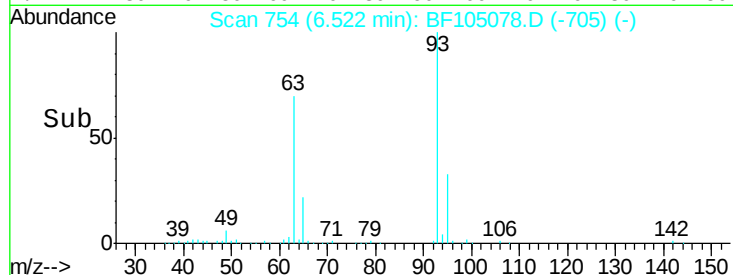
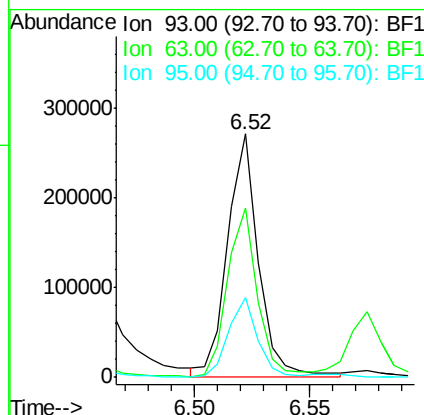
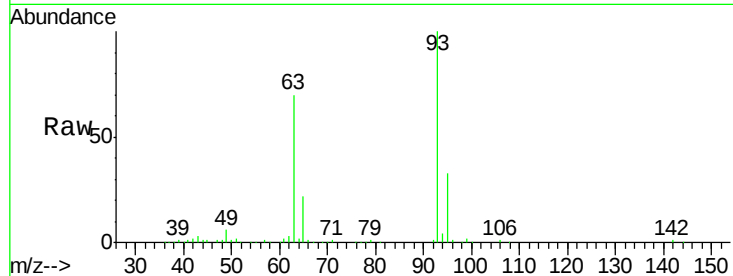
ClientSampleId :

PB108660BS

Tot Ion:	93	Resp:	253073
Ion Ratio	Lower	Upper	
93	100		
63	69.6	58.6	98.6
95	32.6	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.814 ng

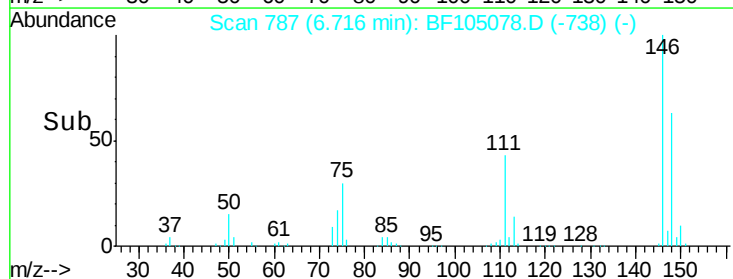
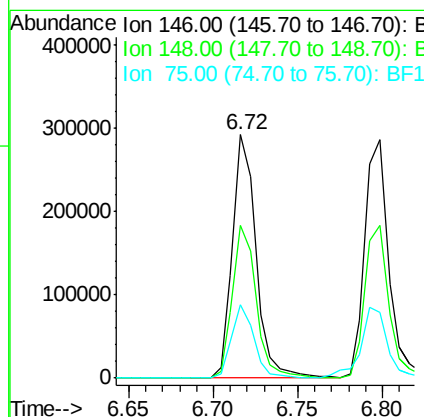
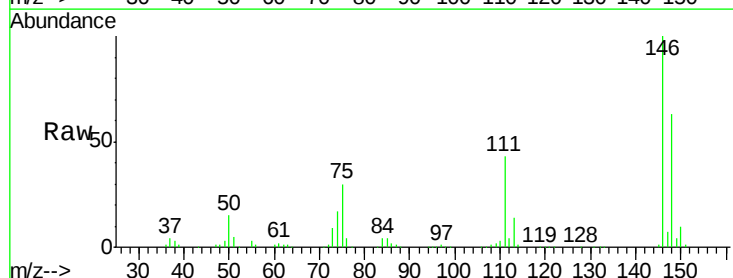
RT: 6.72 min Scan# 787

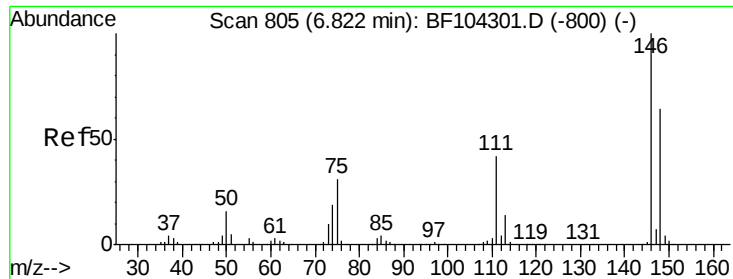
Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	146	Resp:	284297
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
75	30.0	24.2	36.4





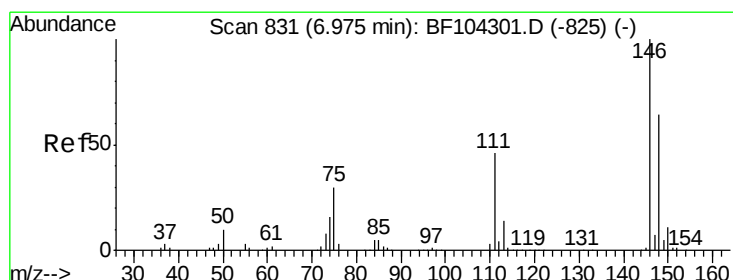
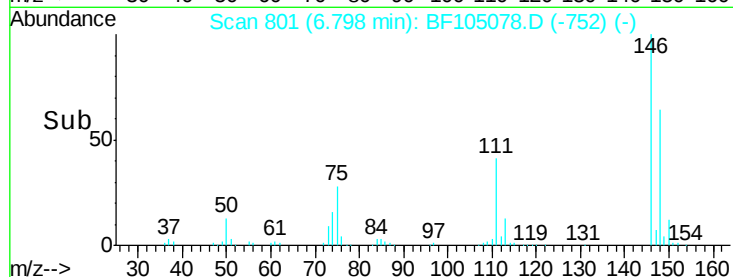
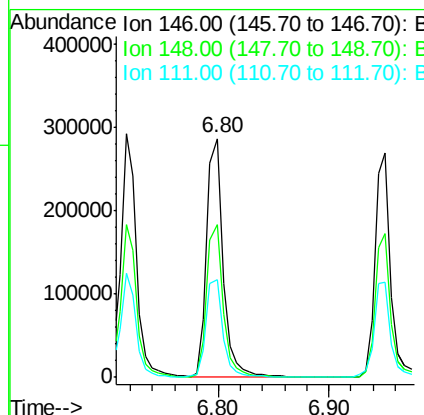
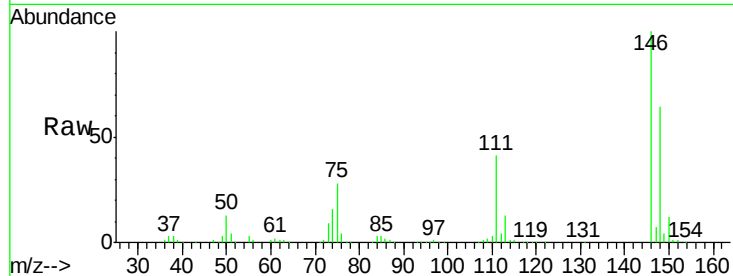
#13
1,4-Dichlorobenzene
Concen: 37.753 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	41.1	34.2	51.2

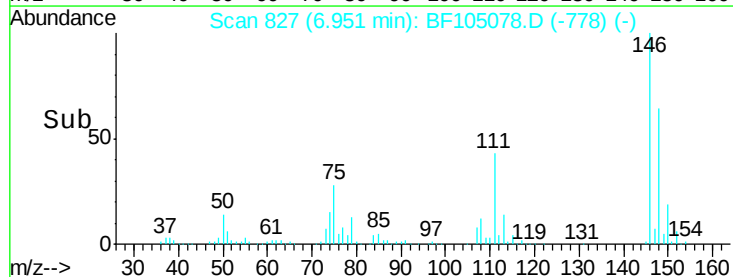
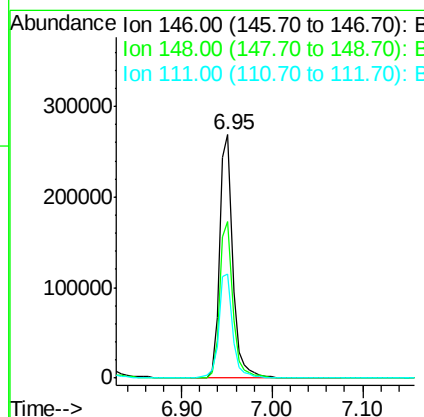
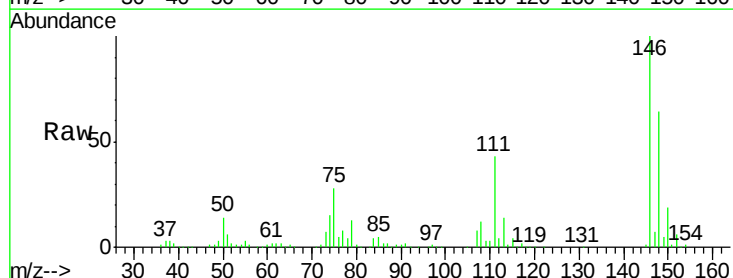
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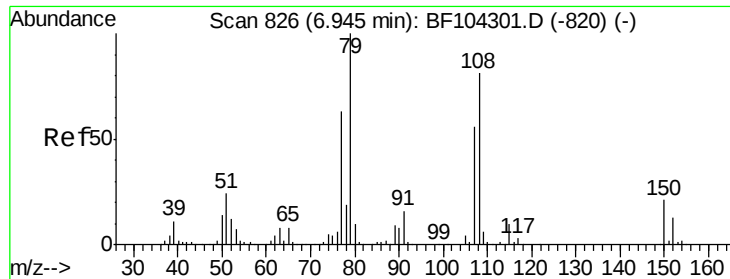
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#14
1,2-Dichlorobenzene
Concen: 37.451 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.7	36.0	54.0





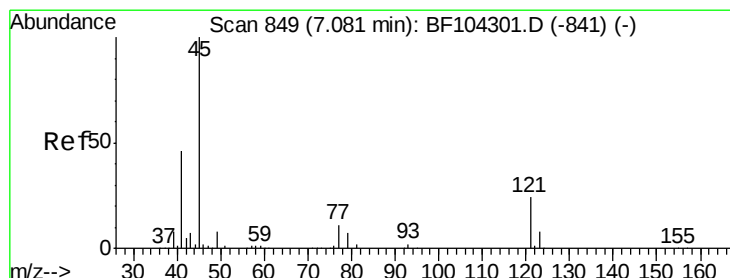
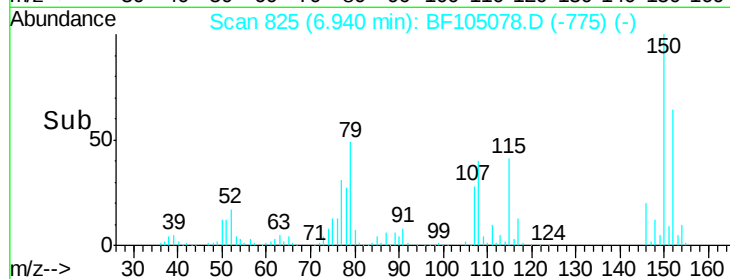
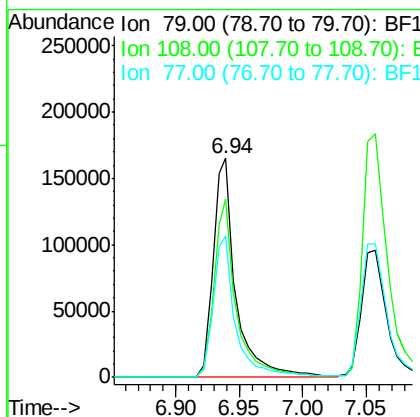
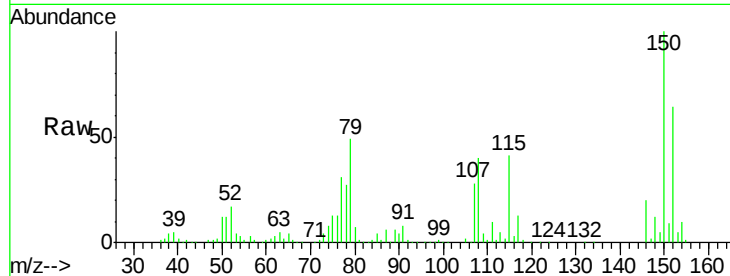
#15
Benzyl Alcohol
Concen: 34.582 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :
PB108660BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	64.2	50.6	75.8

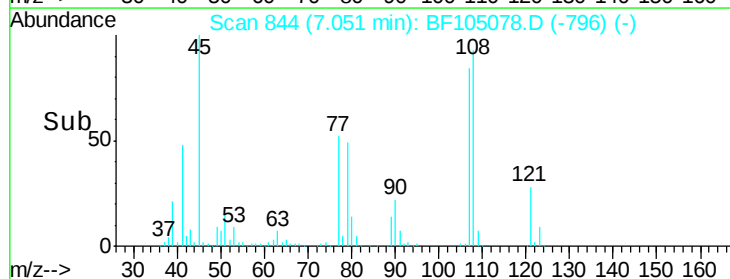
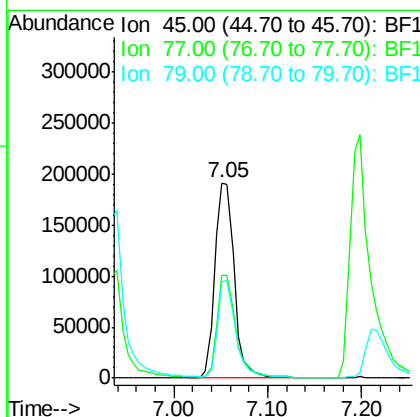
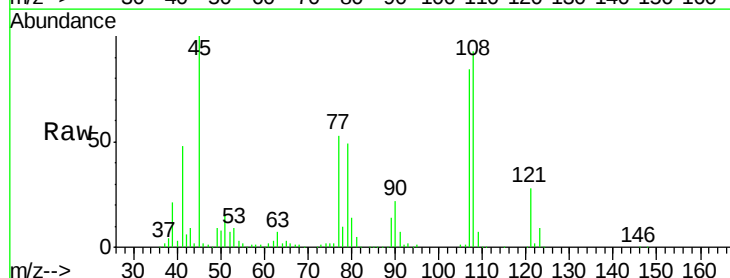
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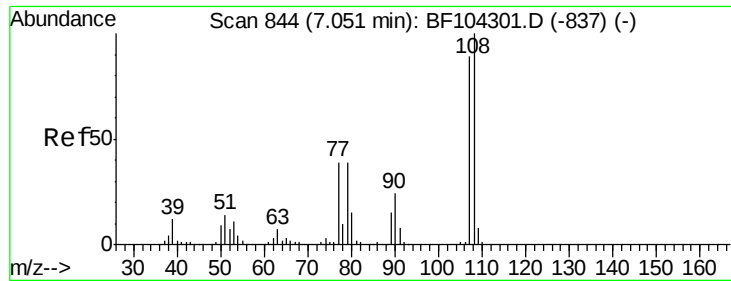
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.897 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.7	0.0	32.9#
79	49.2	0.0	29.6#





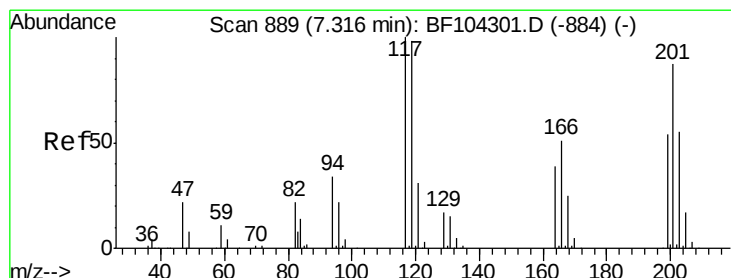
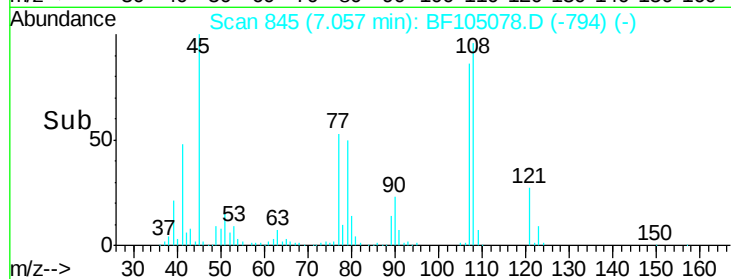
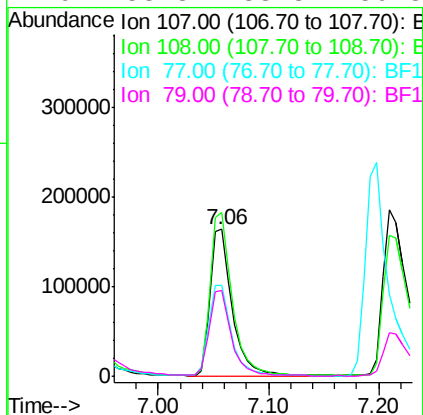
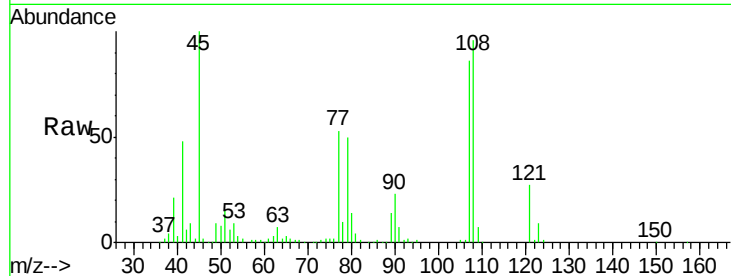
#17
2-Methylphenol
Concen: 37.698 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	61.5	33.8	50.8#
79	58.3	33.8	50.8#

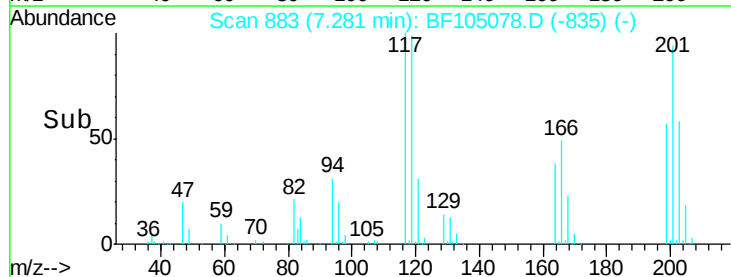
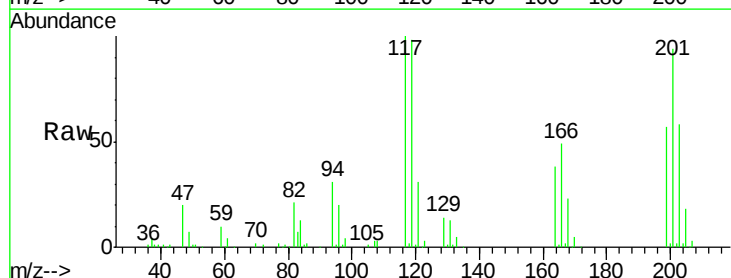
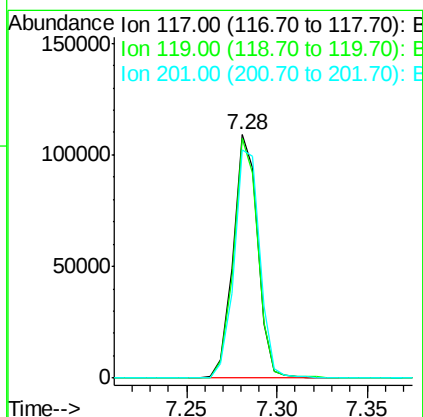
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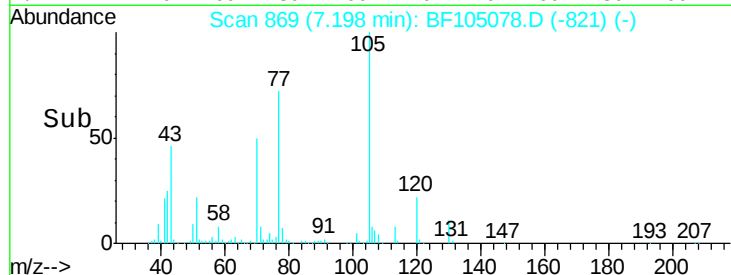
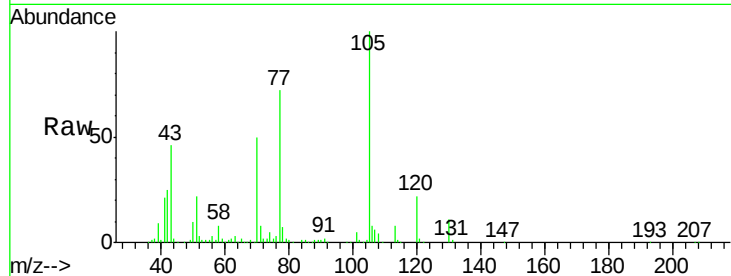
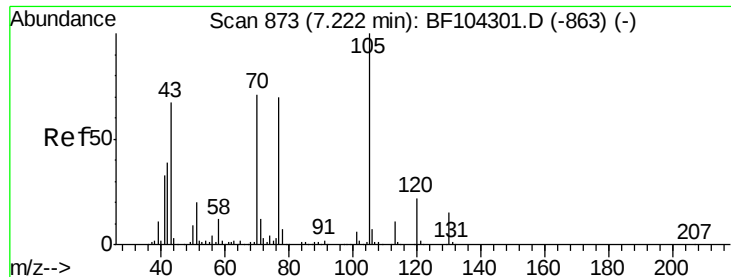
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#18
Hexachloroethane
Concen: 37.436 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
201	93.8	75.7	113.5





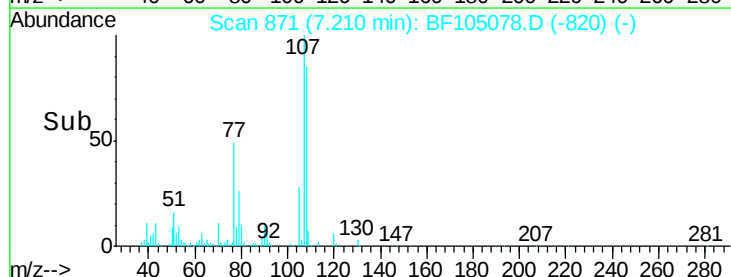
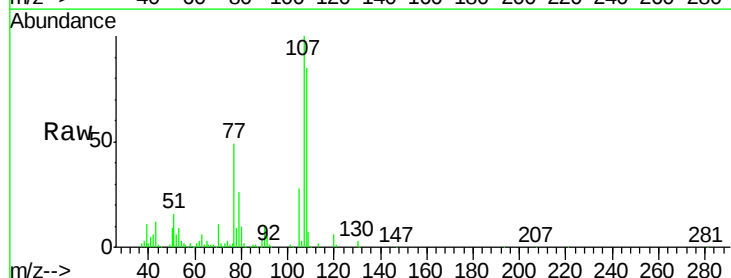
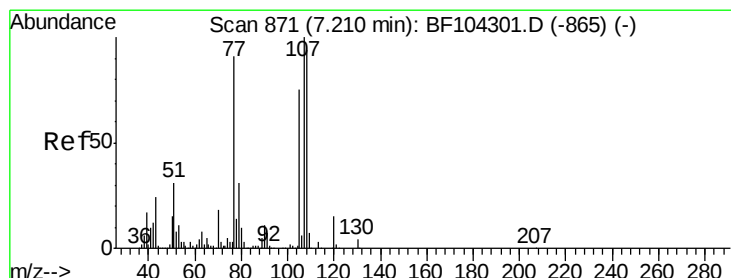
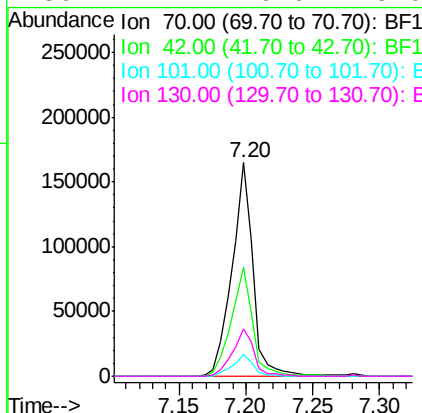
#19
n-Nitroso-di-n-propylamine
Concen: 35.382 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.0		47.5	71.3	
101	10.0		7.4	11.2	
130	22.2		16.6	25.0	

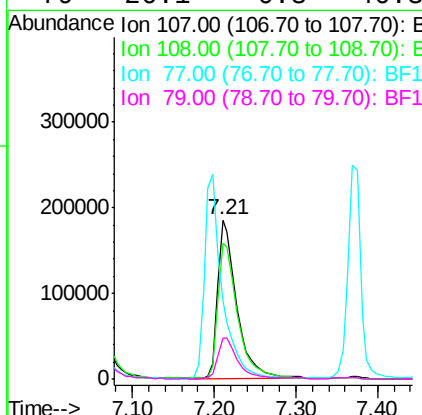
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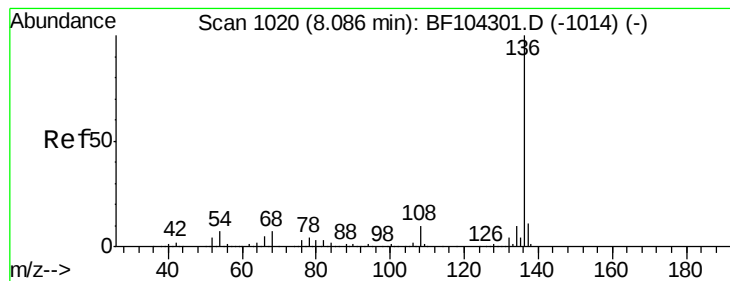
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#20
3+4-Methylphenols
Concen: 41.243 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.0		68.2	108.2	
77	49.5		26.7	66.7	
79	26.1		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

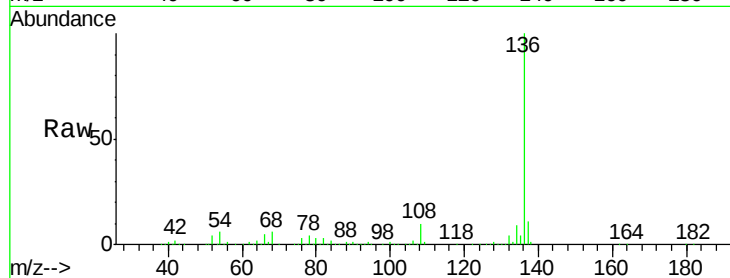
ClientSampleId :

PB108660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		421890		
137	11.0		8.9	13.3	
54	6.5		6.6	9.8	
68	5.6		5.0	7.4	

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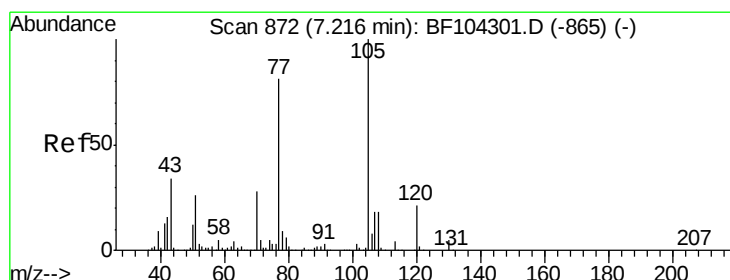
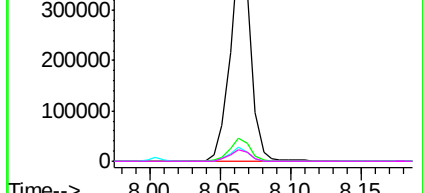
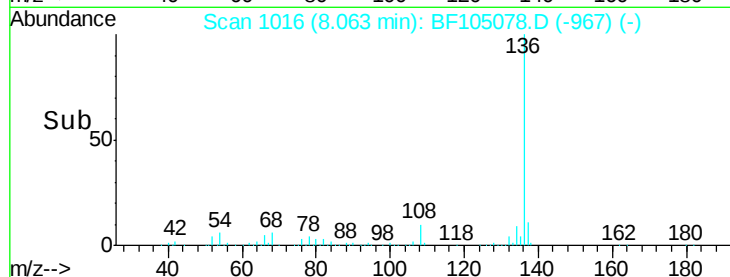
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 36.457 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		378667		
71	8.4		4.4	6.6	
51	22.1		22.3	33.5	
120	21.5		16.9	25.3	

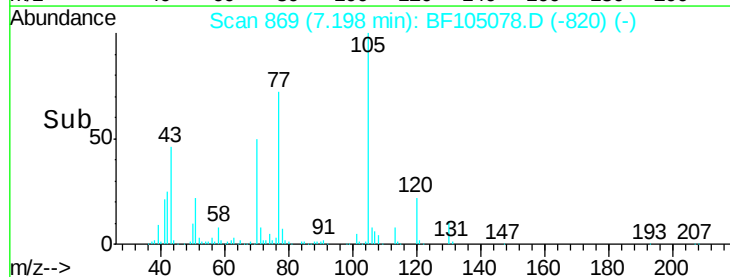
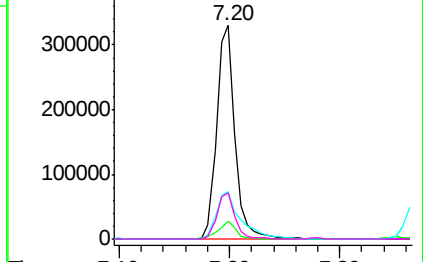
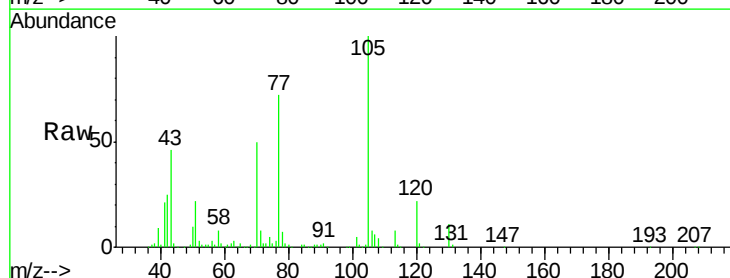
Abundance Ion 105.00 (104.70 to 105.70): E

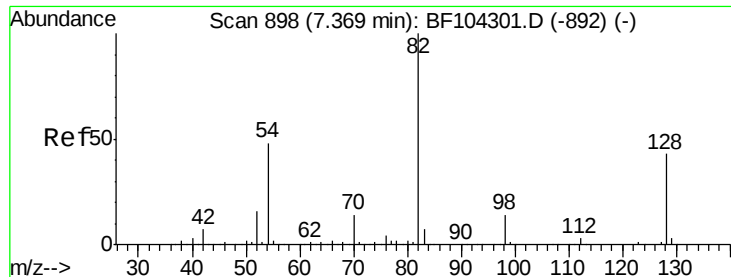
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->





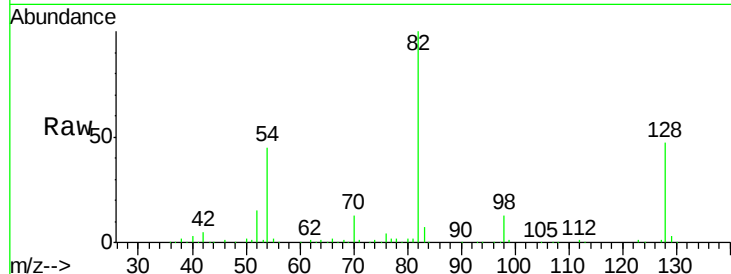
#23
Nitrobenzene-d5
Concen: 83.259 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleID :
PB108660BS

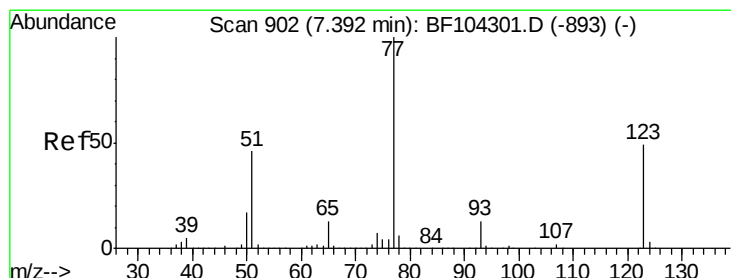
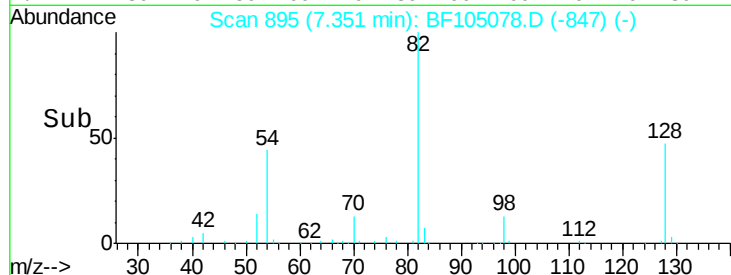
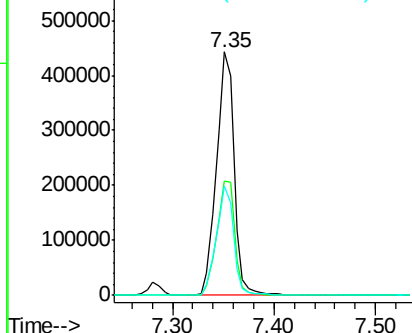
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	44.9	41.4	62.2

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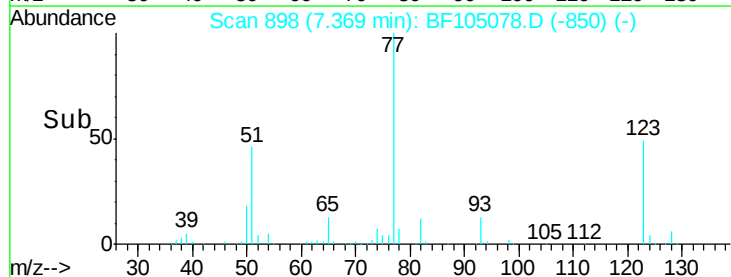
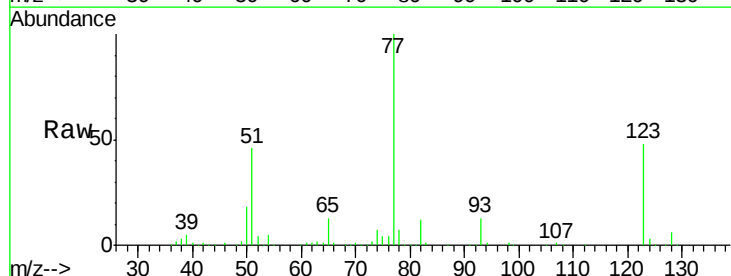
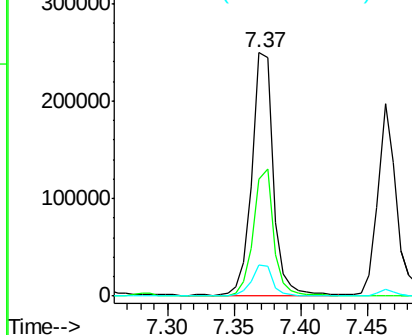
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

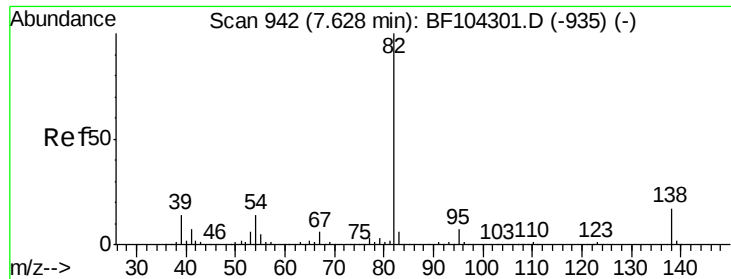


#24
Nitrobenzene
Concen: 38.298 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.0	11.0	16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.463 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

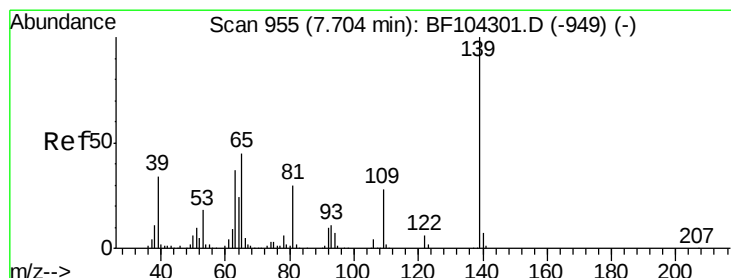
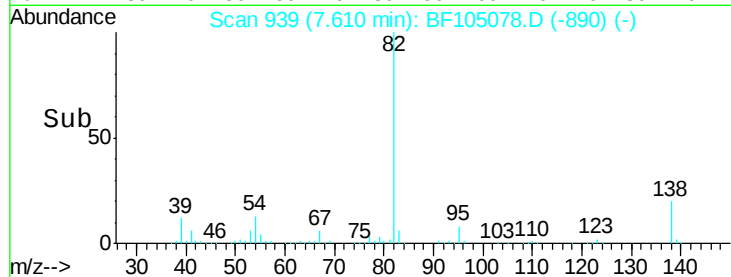
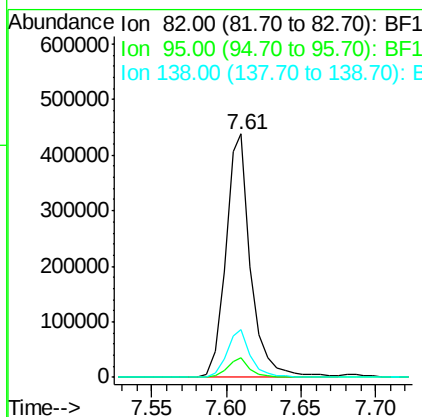
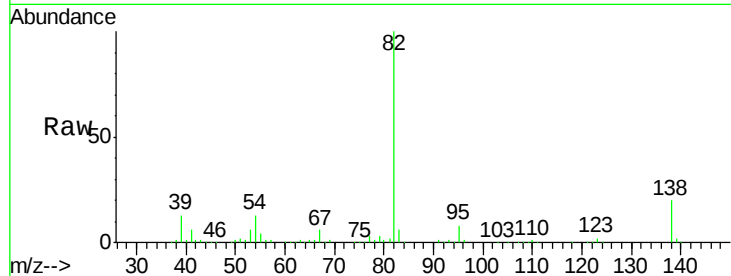
ClientSampleId :

PB108660BS

Tot Ion:	82	Resp:	511851
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.2	7.8#
138	19.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 54.708 ng

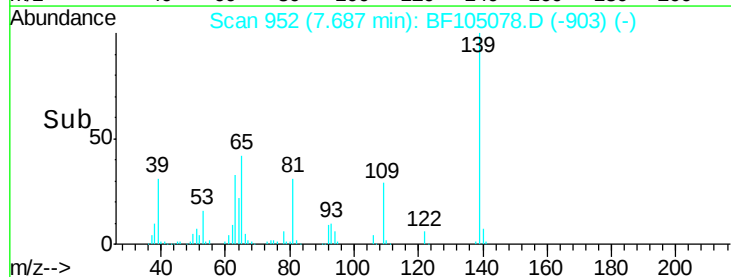
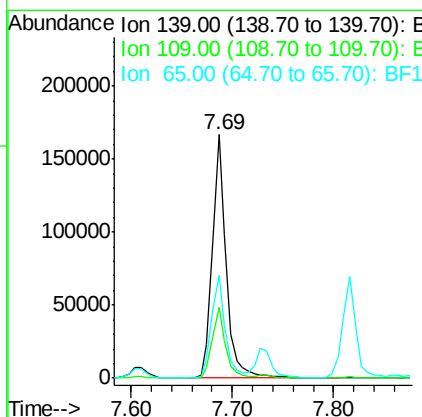
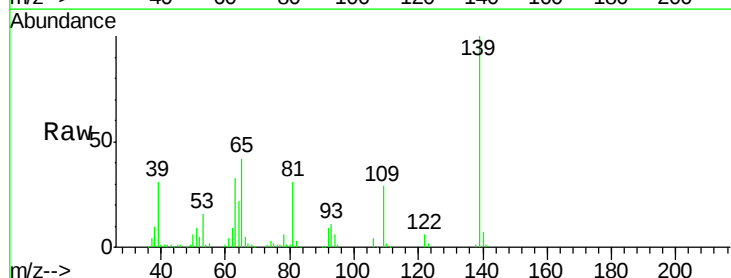
RT: 7.69 min Scan# 952

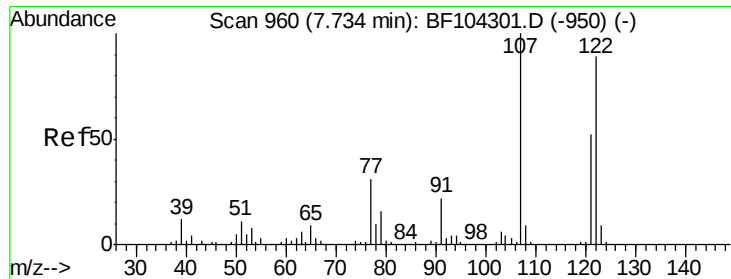
Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	139	Resp:	158872
Ion Ratio	Lower	Upper	
139	100		
109	29.0	22.7	34.1
65	42.4	40.5	60.7





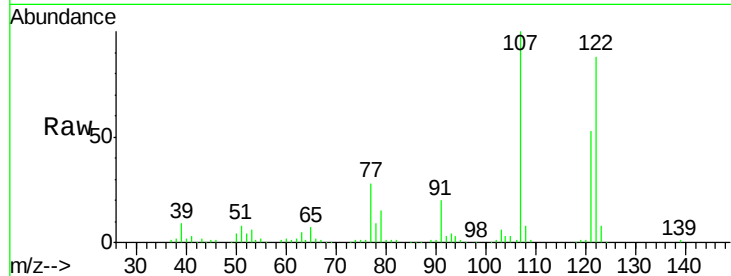
#27
2,4-Dimethylphenol
Concen: 41.103 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :
PB108660BS

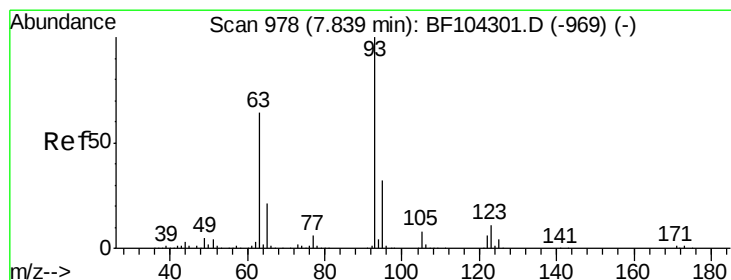
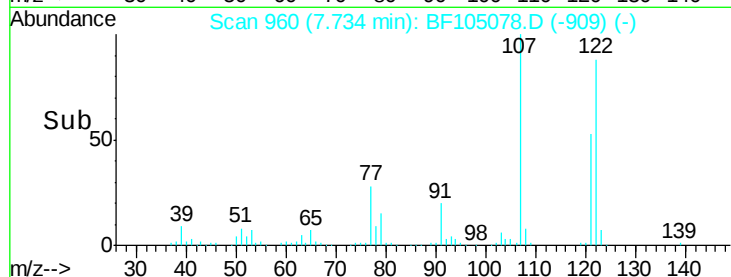
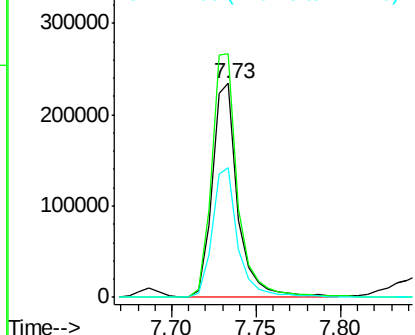
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	60.8	47.2	70.8

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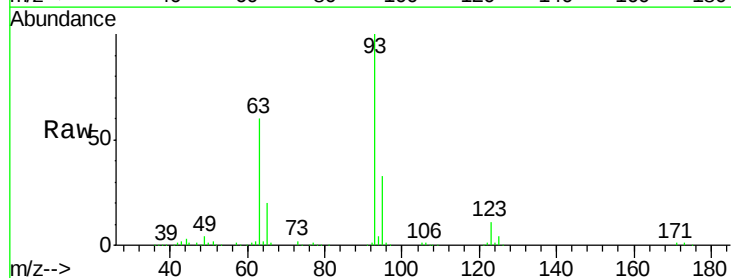


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

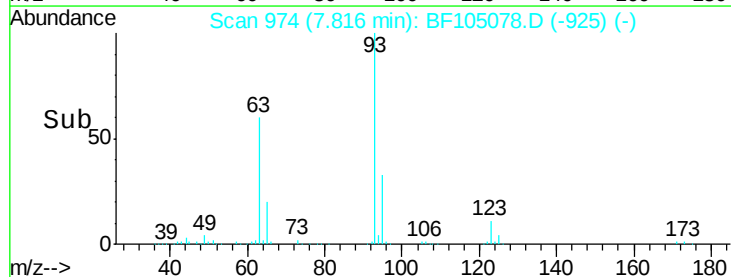
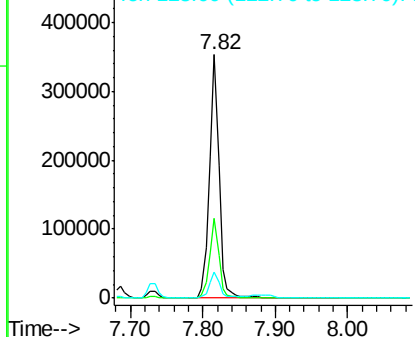


#28
bis(2-Chloroethoxy)methane
Concen: 39.293 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.026 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

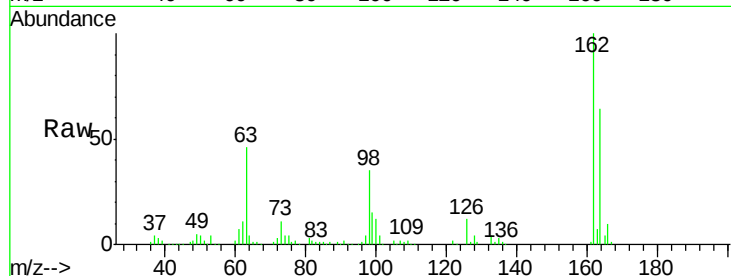
ClientSampleId :

PB108660BS

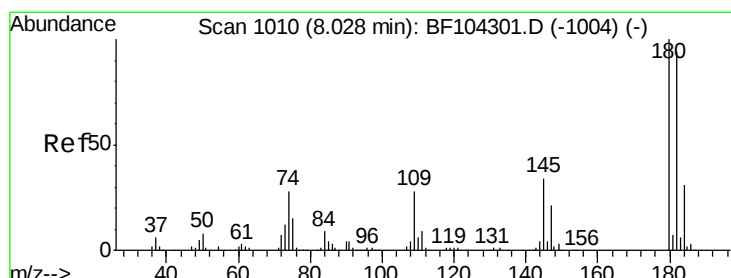
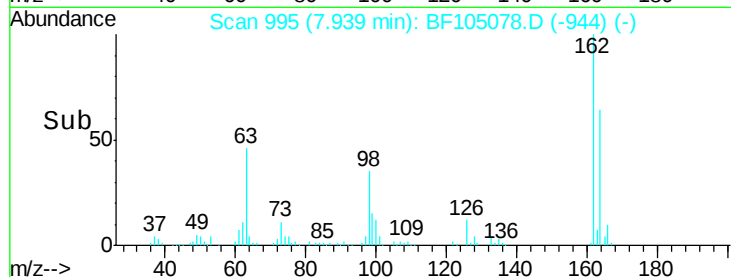
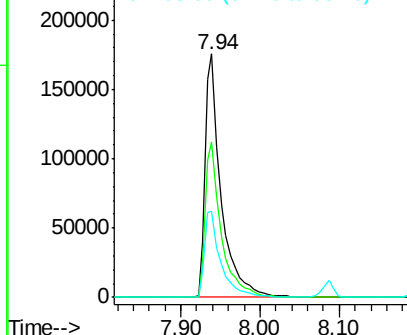
Tot Ion:	162	Resp:	247543
Ion Ratio		Lower	Upper
162	100		
164	63.9	42.7	82.7
98	35.4	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 38.661 ng

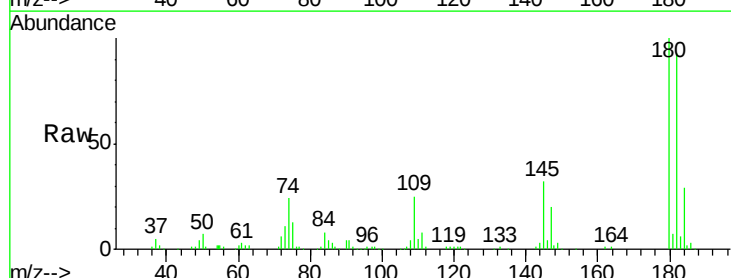
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

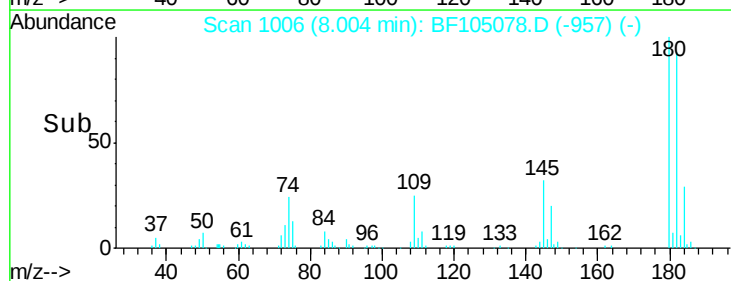
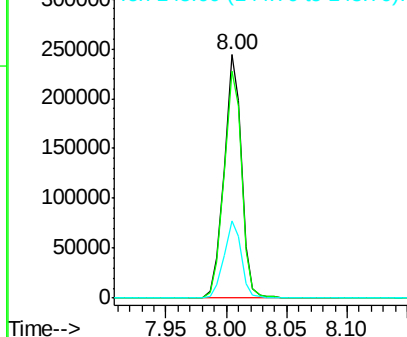
Lab File: BF105078.D

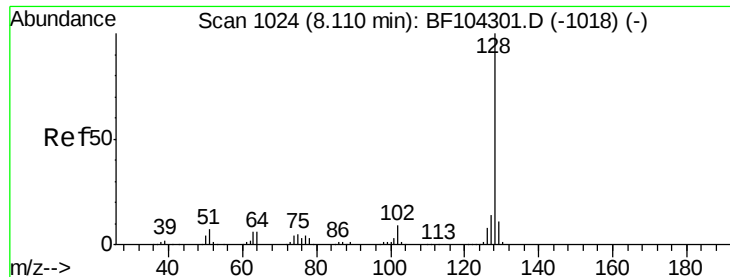
Acq: 3 May 2018 17:48

Tgt Ion:	180	Resp:	244108
Ion Ratio		Lower	Upper
180	100		
182	93.2	76.8	115.2
145	31.6	26.5	39.7



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





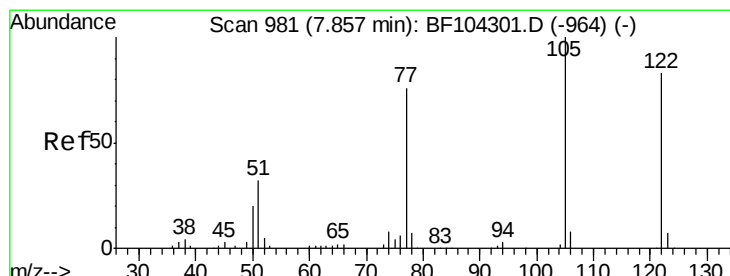
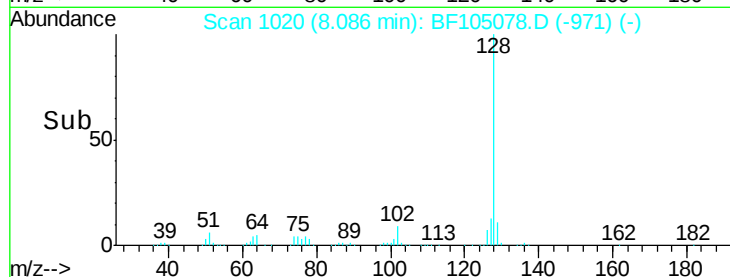
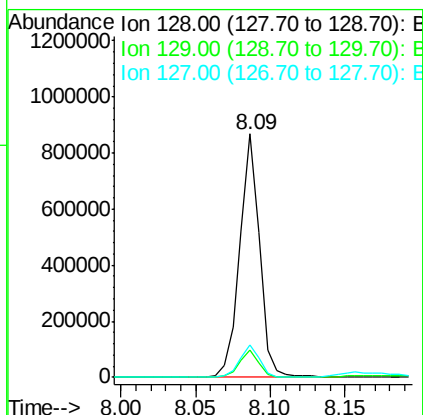
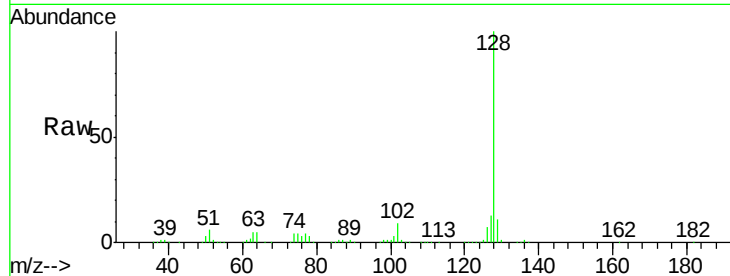
#31
Naphthalene
Concen: 38.618 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	811281		
129	11.2	8.8	13.2	
127	13.5	10.9	16.3	

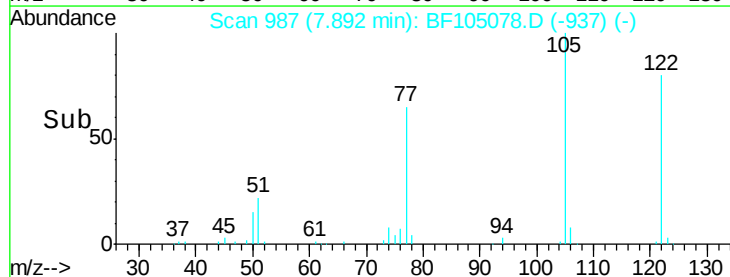
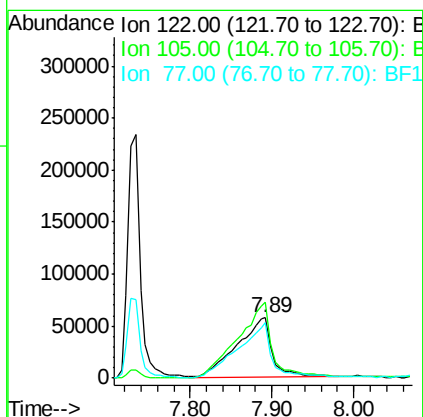
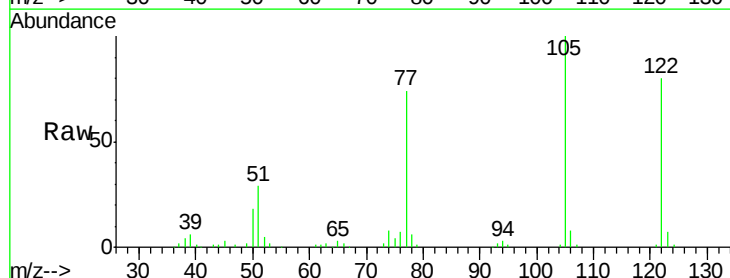
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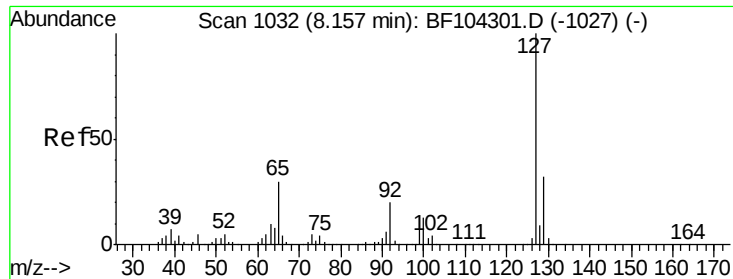
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#32
Benzoic acid
Concen: 36.017 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	173280		
105	125.3	101.1	141.1	
77	92.6	70.7	110.7	





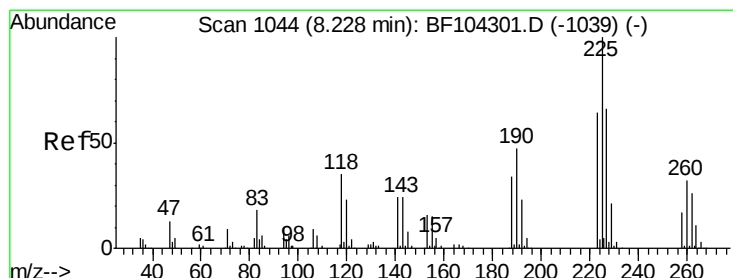
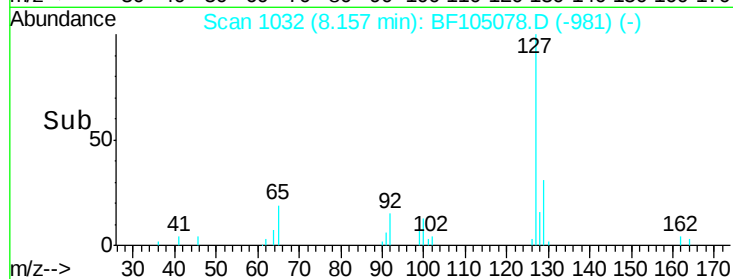
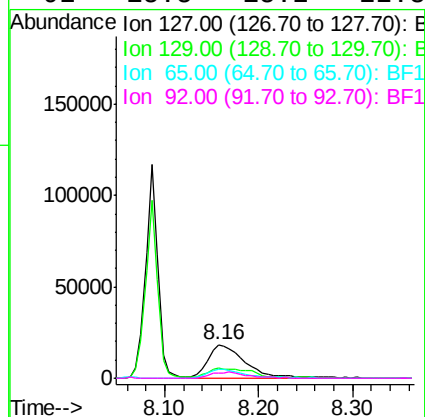
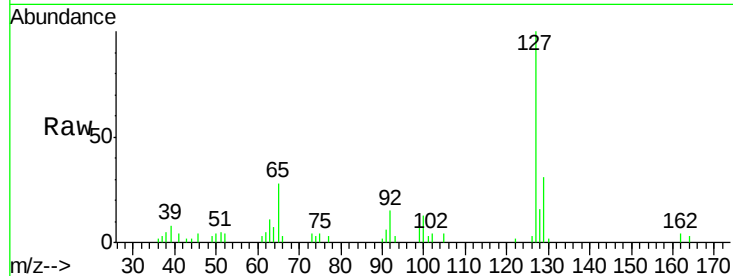
#33
4-Chloroaniline
Concen: 5.429 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		48865		
129	30.8		25.9	38.9	
65	27.8		25.0	37.4	
92	15.5		15.2	22.8	

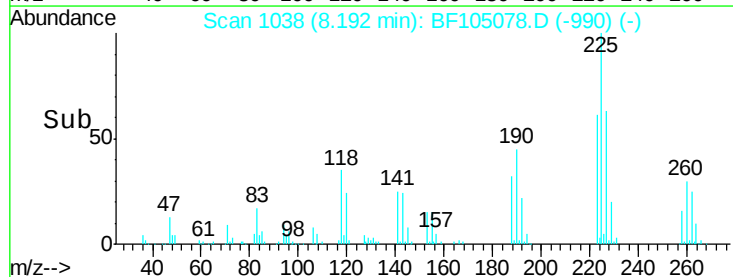
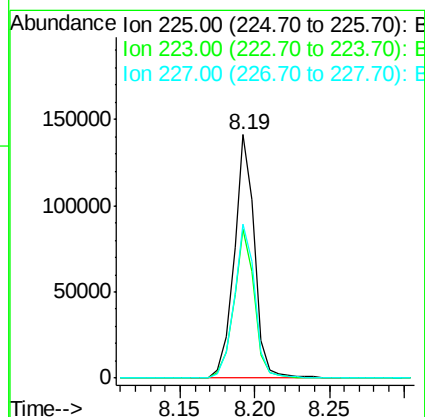
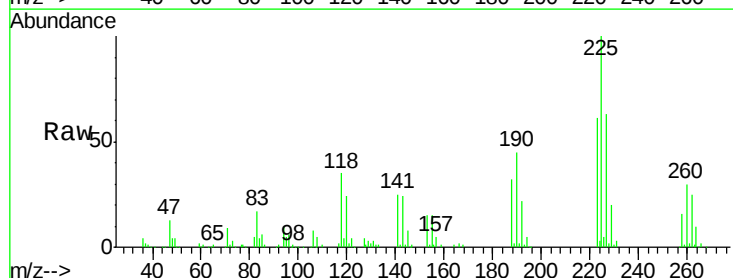
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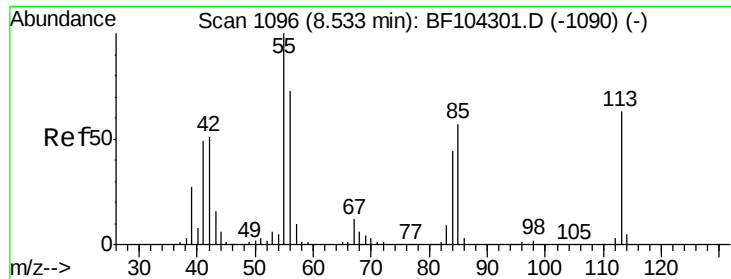
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#34
Hexachlorobutadiene
Concen: 39.100 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135225		
223	61.0		50.6	76.0	
227	63.0		51.9	77.9	





#35

Caprolactam

Concen: 38.256 ng/mL

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

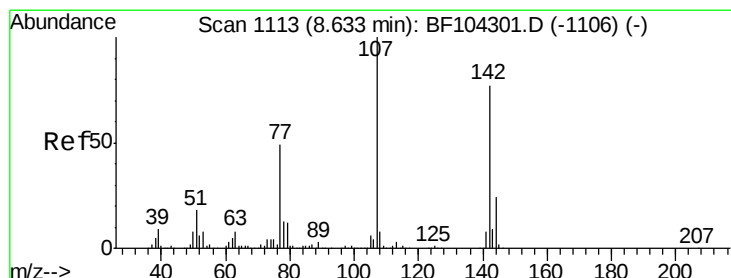
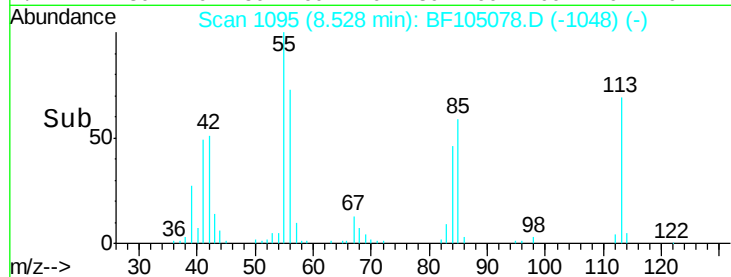
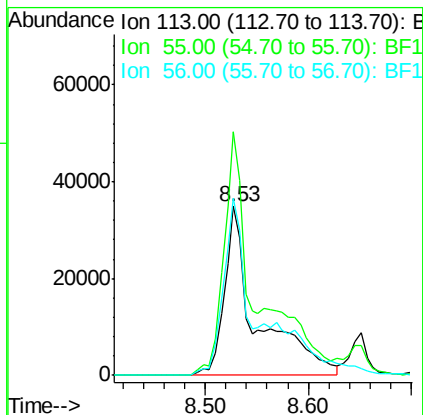
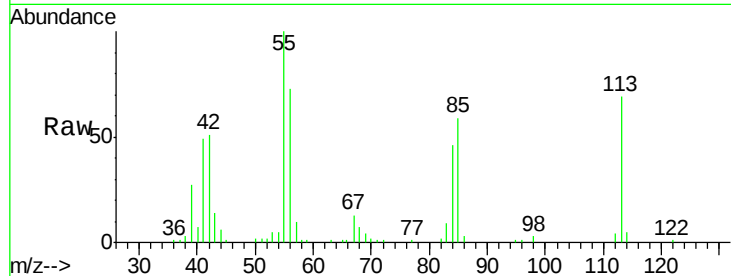
ClientSampleID :

PB108660BS

Tot Ion:	113	Resp:	76781
Ion Ratio	Lower	Upper	
113	100		
55	144.0	163.3	203.3#
56	104.7	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.766 ng/mL

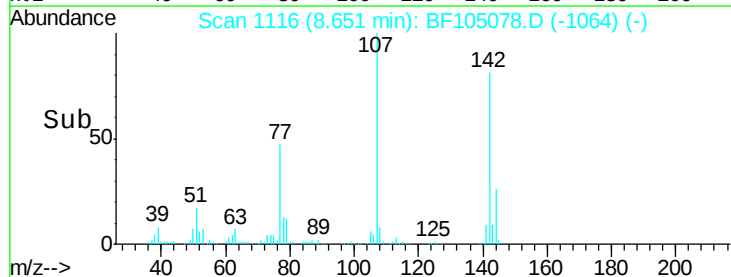
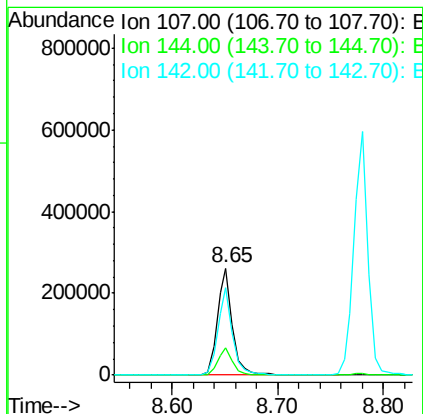
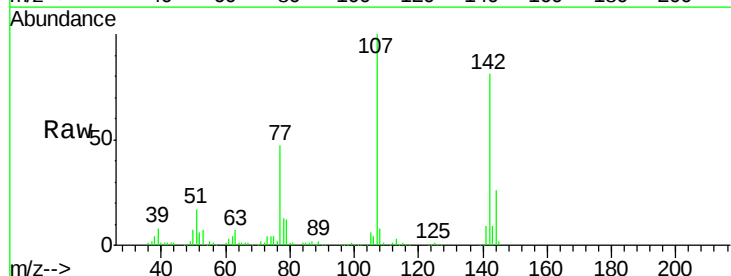
RT: 8.65 min Scan# 1116

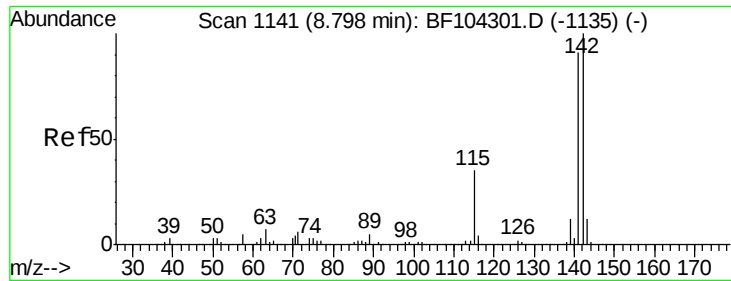
Delta R.T. 0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	107	Resp:	263826
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	81.0	62.0	93.0





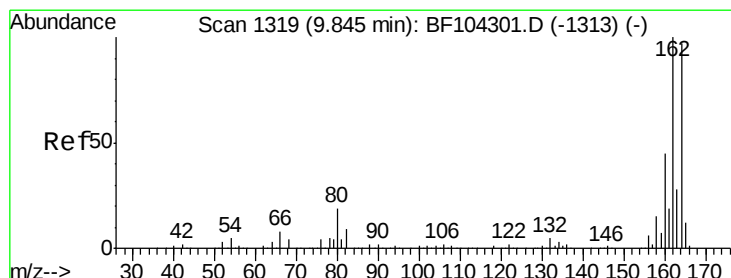
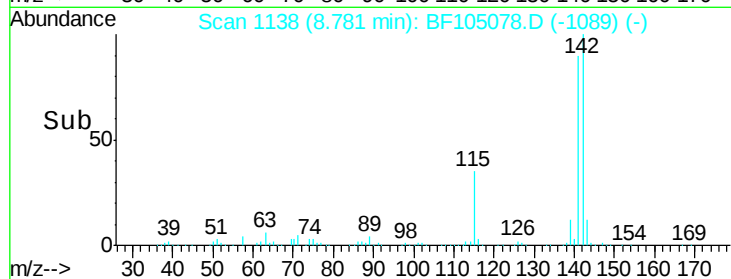
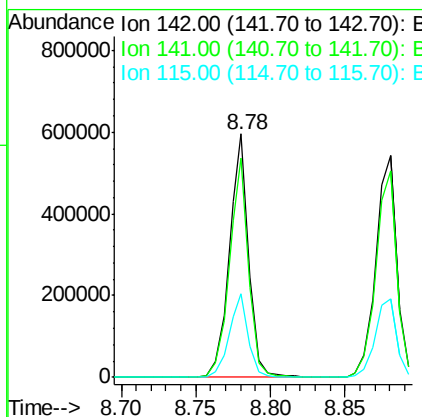
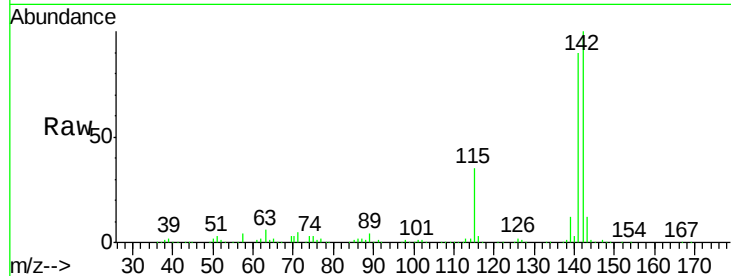
#37
2-Methylnaphthalene
Concen: 39.948 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampled :
PB108660BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	34.6	26.1	39.1

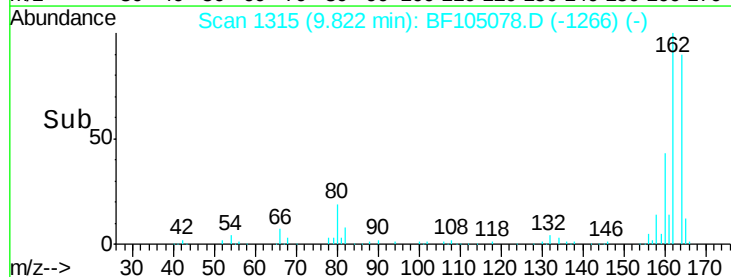
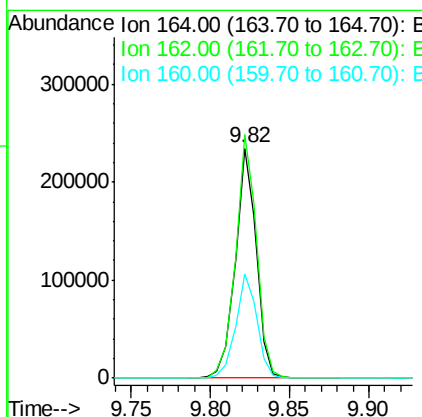
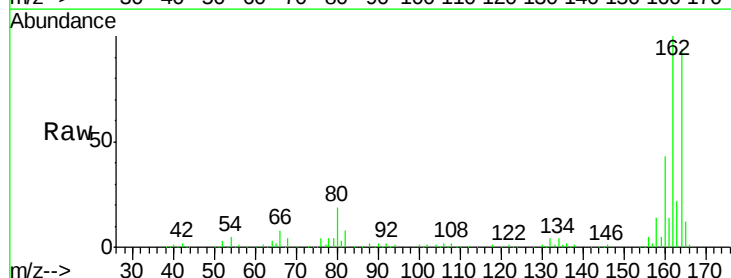
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	45.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.376 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

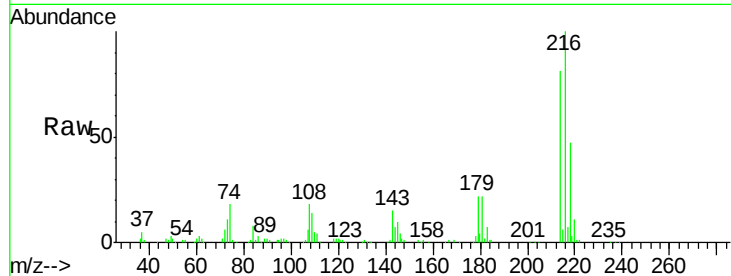
ClientSampleId :

PB108660BS

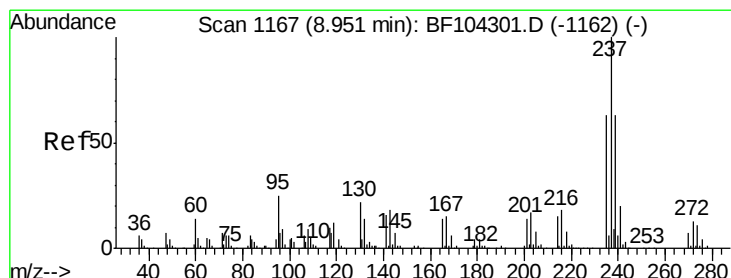
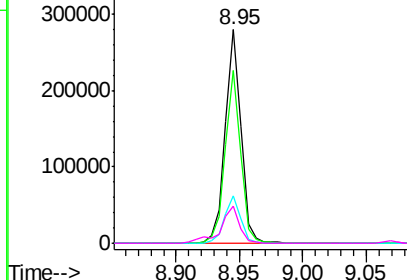
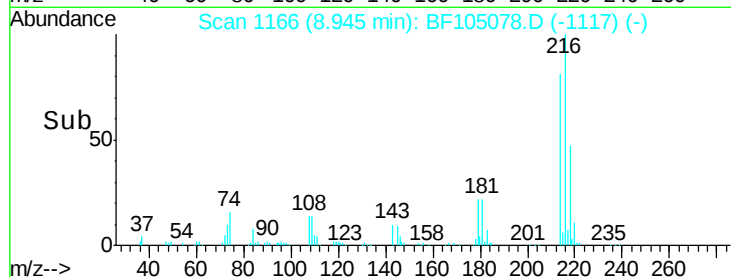
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		241632		
214	79.6		63.0	94.4	
179	22.4		18.1	27.1	
108	20.5		17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 56.738 ng

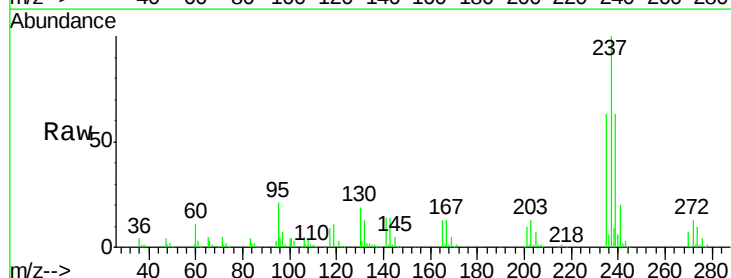
RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

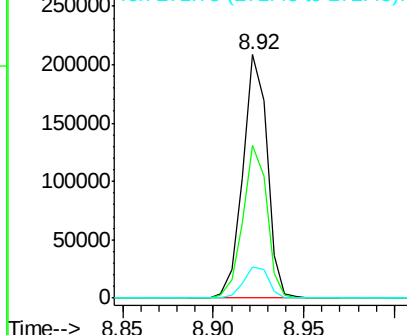
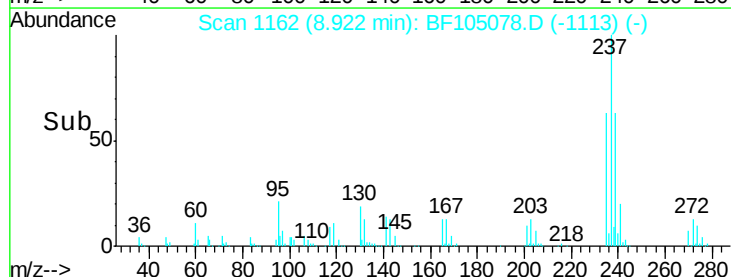
Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		194919		
235	62.6		44.8	84.8	
272	12.7		0.0	33.3	



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





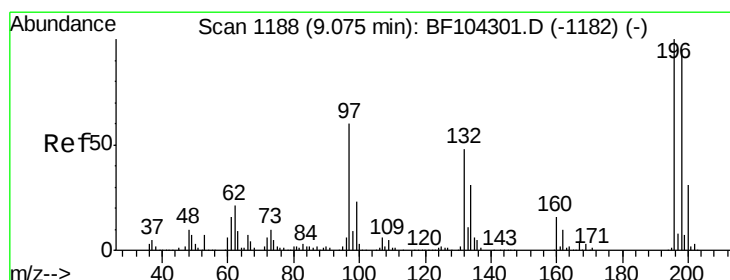
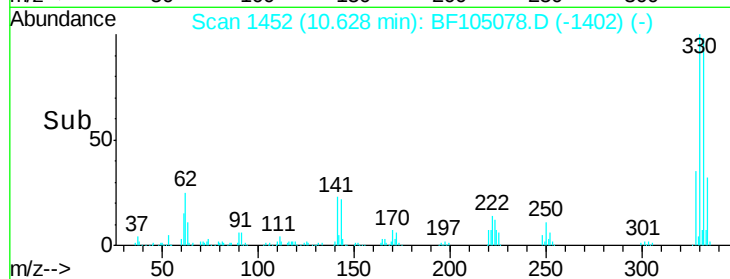
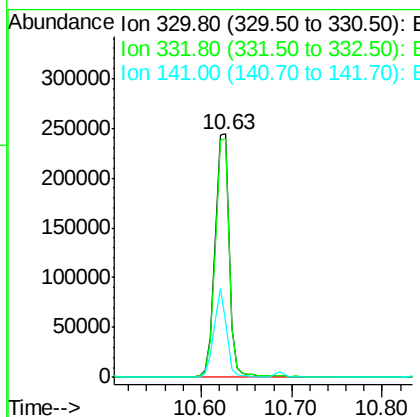
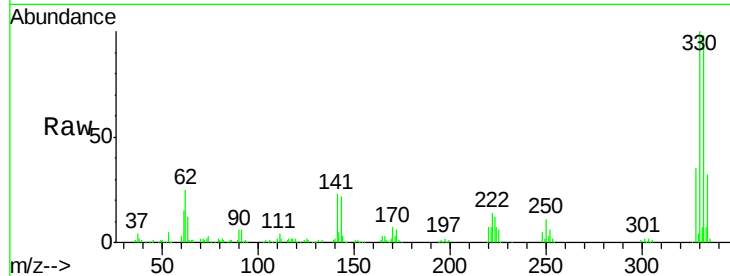
#41
 2,4,6-Tribromophenol
 Concen: 120.620 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	268224		
332	96.6	77.0	115.6	
141	32.4	29.9	44.9	

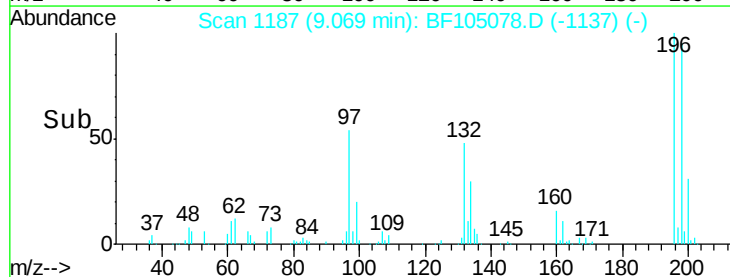
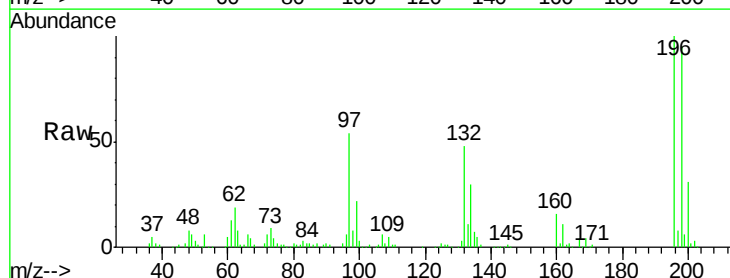
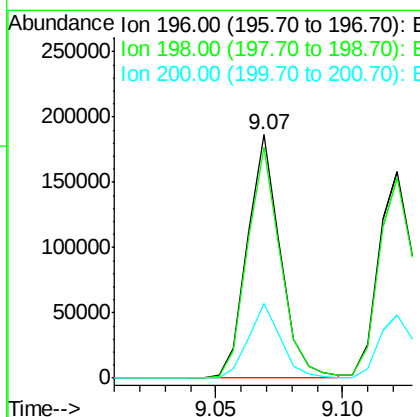
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#42
 2,4,6-Trichlorophenol
 Concen: 39.519 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168343		
198	94.8	75.7	113.5	
200	30.6	24.5	36.7	





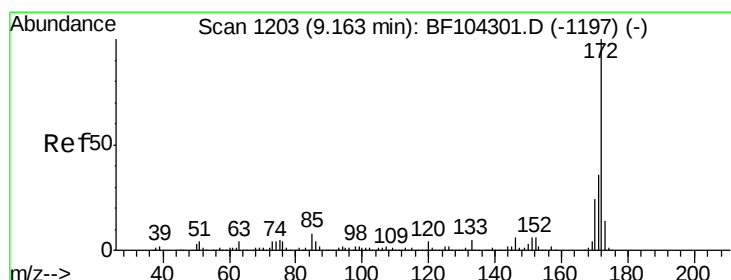
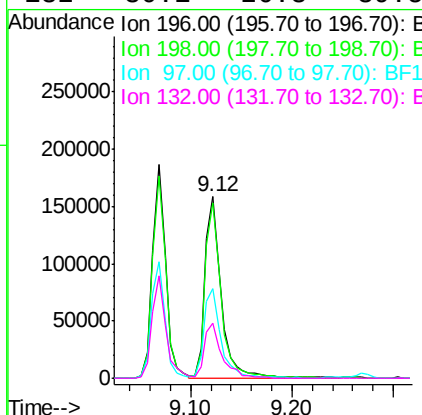
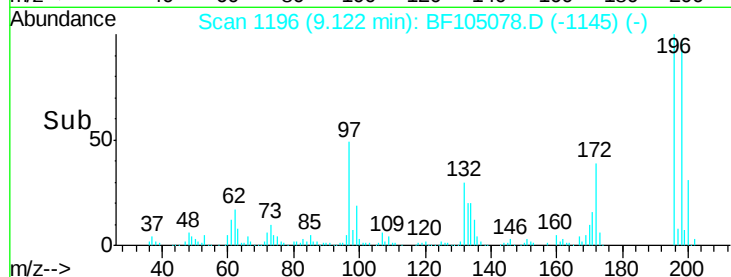
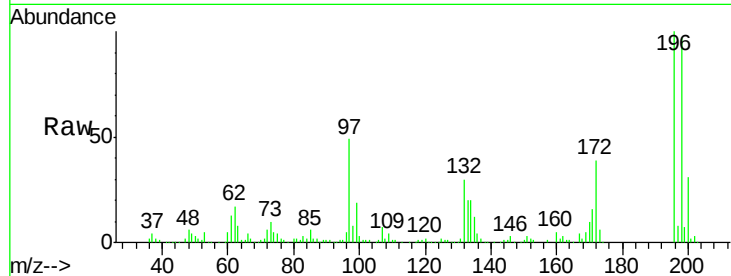
#43
 2,4,5-Trichlorophenol
 Concen: 36.746 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	175163		
198	96.7	74.6	112.0	
97	49.1	42.9	64.3	
132	30.1	26.3	39.5	

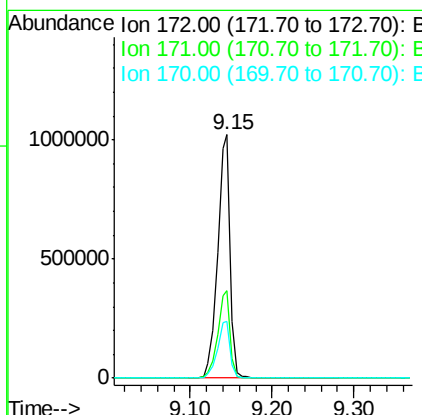
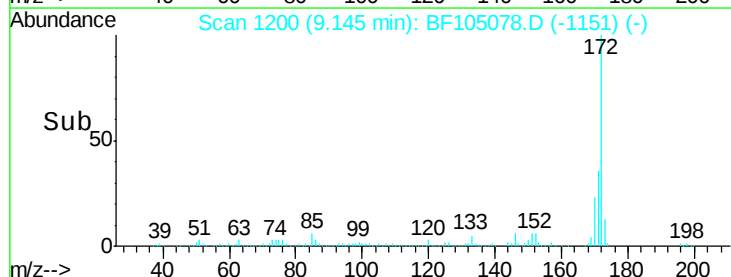
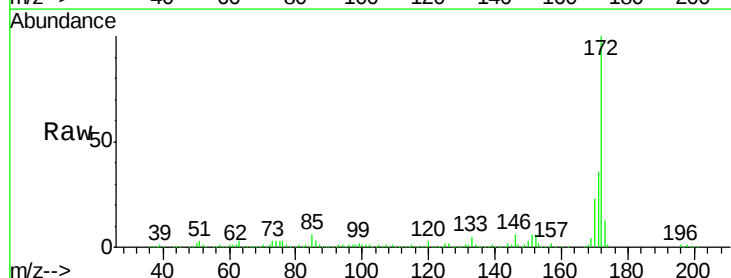
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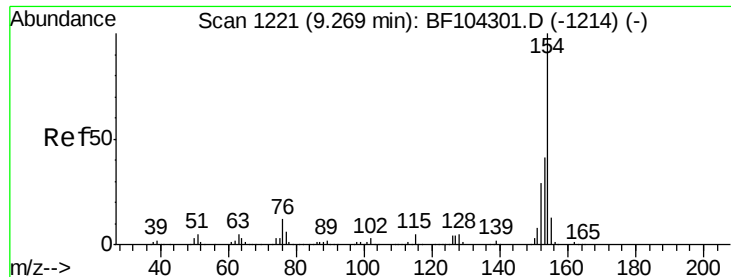
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 80.052 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1086288		
171	35.9	29.7	44.5	
170	23.5	19.6	29.4	





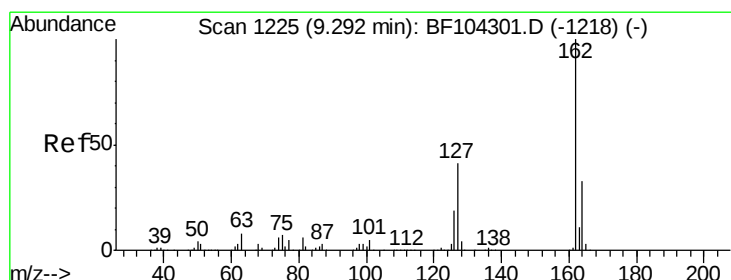
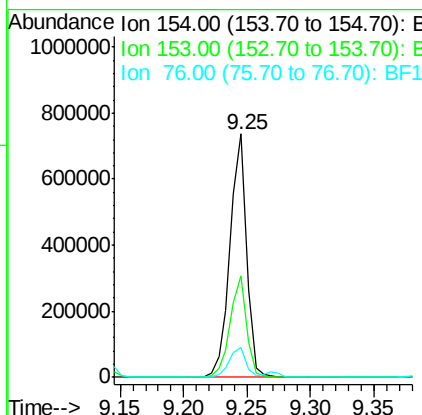
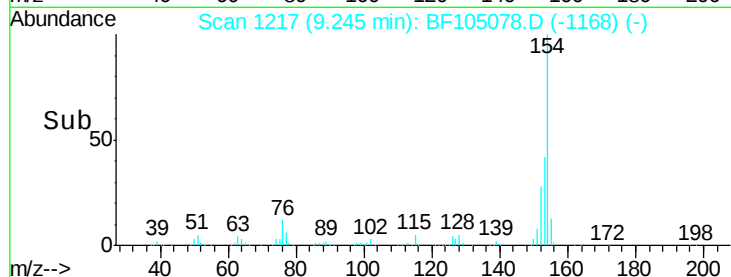
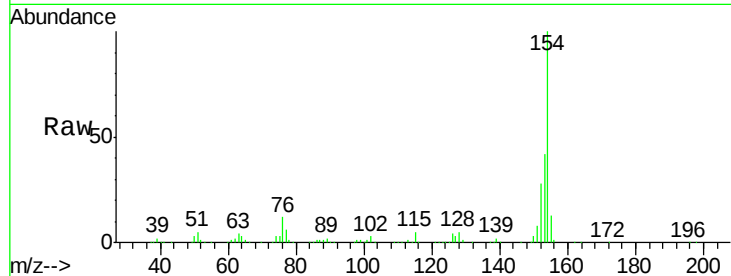
#45
 1,1'-Biphenyl
 Concen: 37.050 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion:	154	Resp:	667210
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	12.1	0.0	34.0

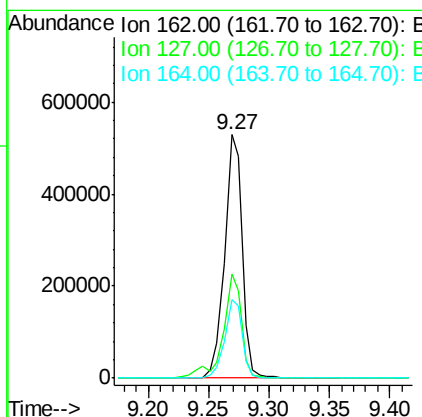
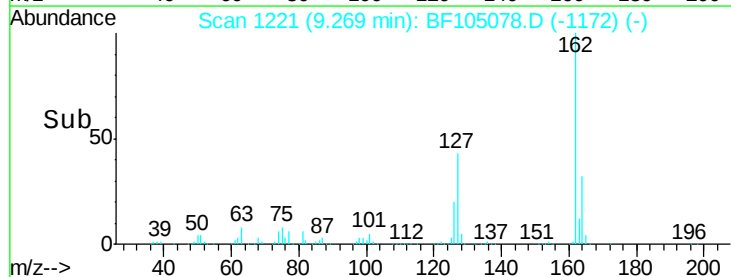
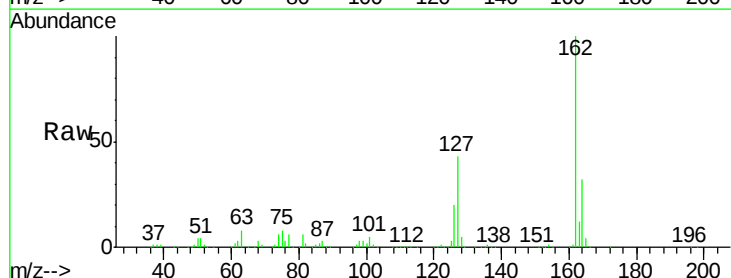
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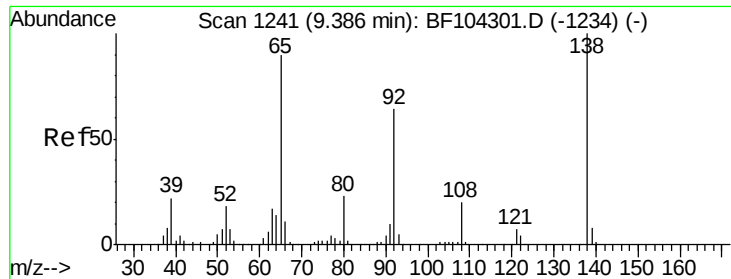
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#46
 2-Chloronaphthalene
 Concen: 37.346 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion:	162	Resp:	531219
Ion Ratio	Lower	Upper	
162	100		
127	42.8	33.9	50.9
164	32.3	26.5	39.7





#47

2-Nitroaniline

Concen: 42.604 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

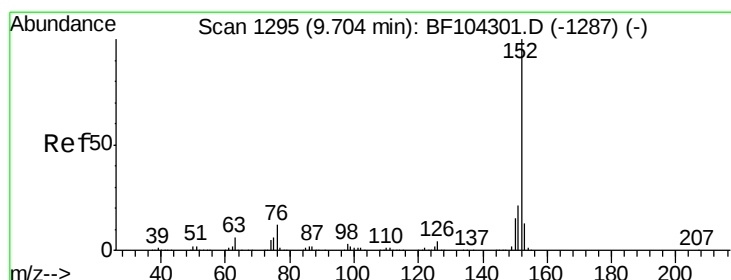
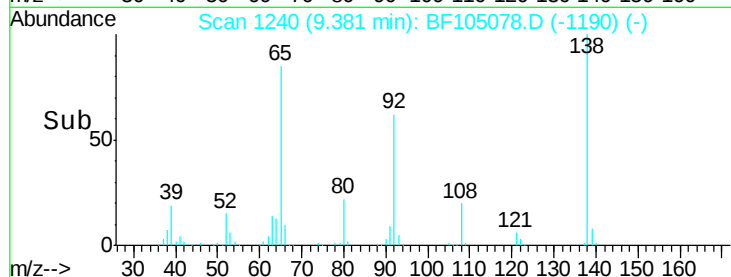
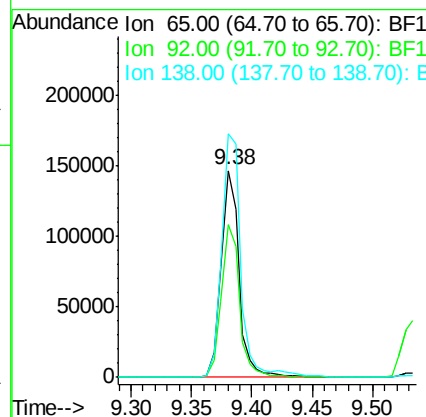
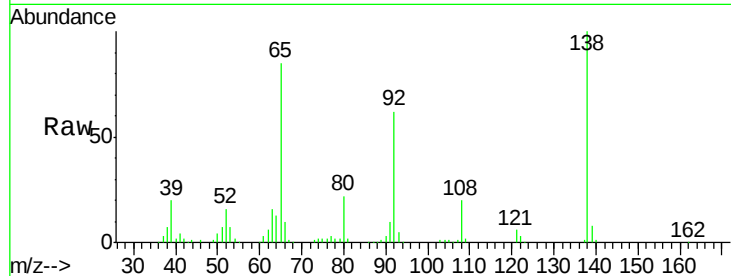
ClientSampleId :

PB108660BS

Tot Ion:	65	Resp:	149867
Ion Ratio	Lower	Upper	
65	100		
92	73.5	55.8	83.6
138	117.7	91.2	136.8

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#48

Acenaphthylene

Concen: 34.919 ng

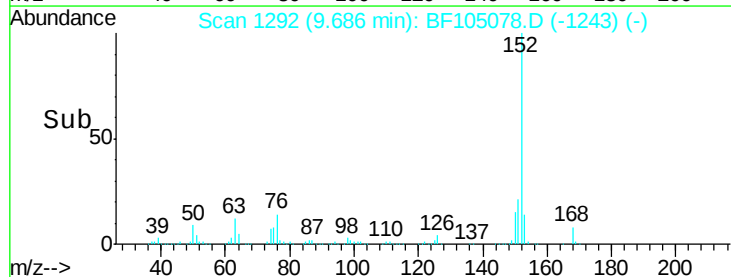
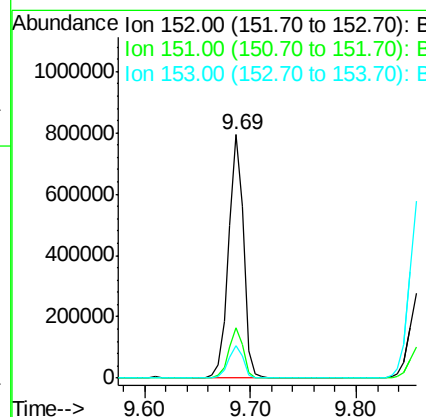
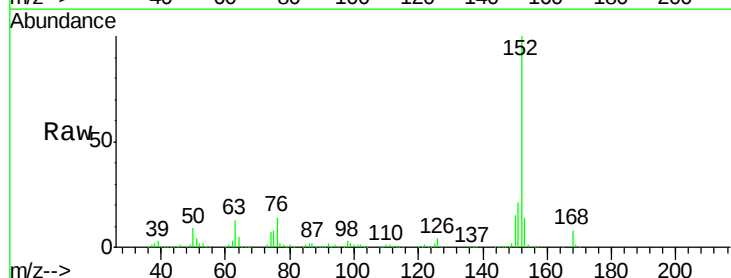
RT: 9.69 min Scan# 1292

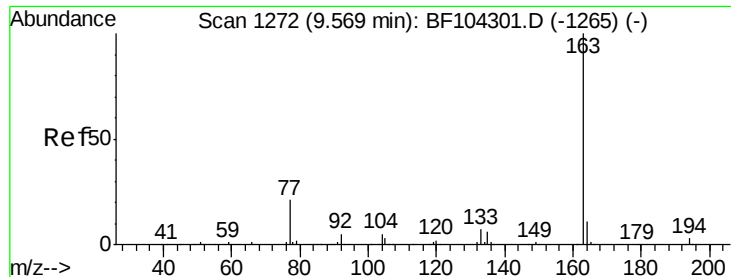
Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	152	Resp:	779319
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.5	10.7	16.1





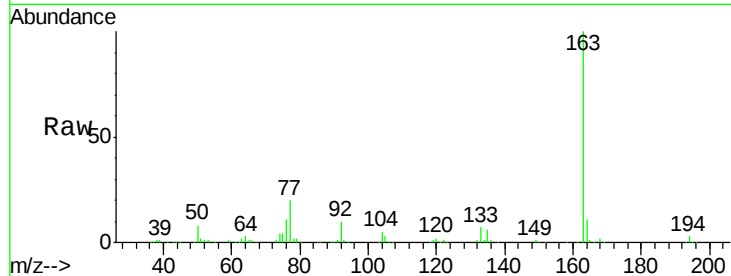
#49
Dimethylphthalate
Concen: 38.663 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

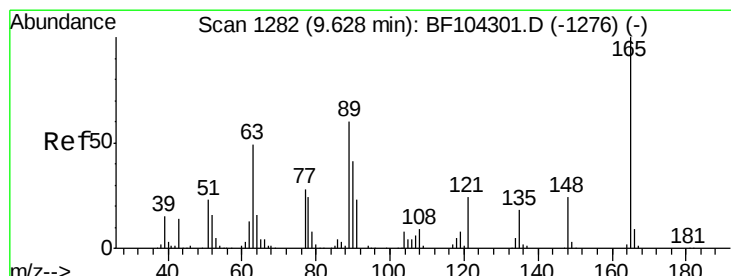
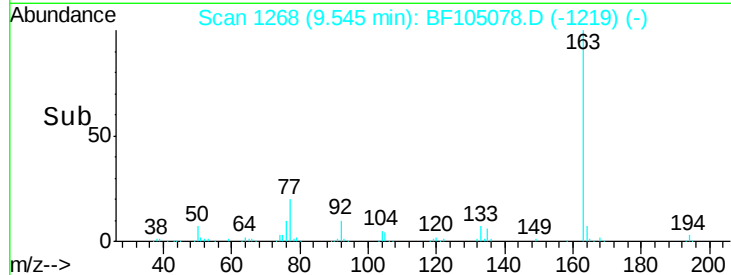
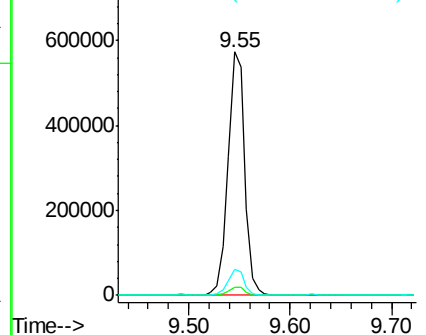
Tot Ion:	163	Resp:	653592
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.6	8.2	12.2

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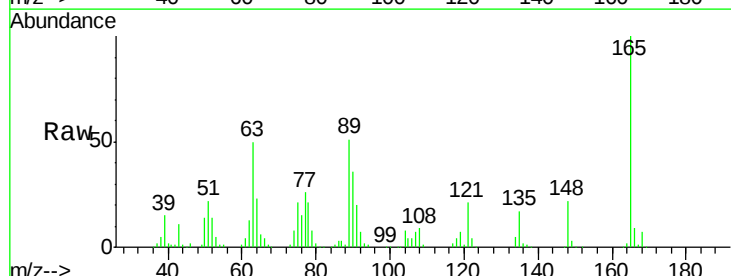


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

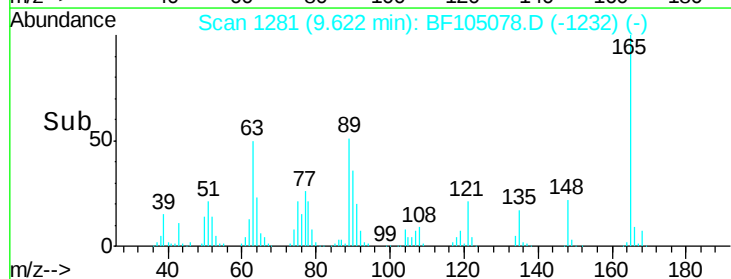
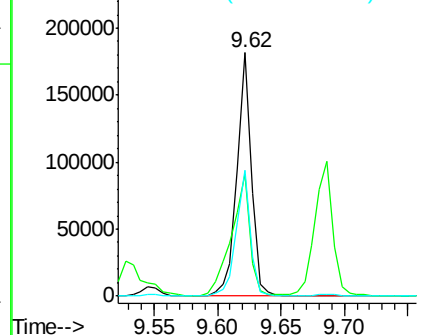


#50
2,6-Dinitrotoluene
Concen: 45.908 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:	165	Resp:	143601
Ion Ratio	Lower	Upper	
165	100		
63	50.0	44.7	67.1
89	51.5	44.0	66.0



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





#51

Acenaphthene

Concen: 34.590 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

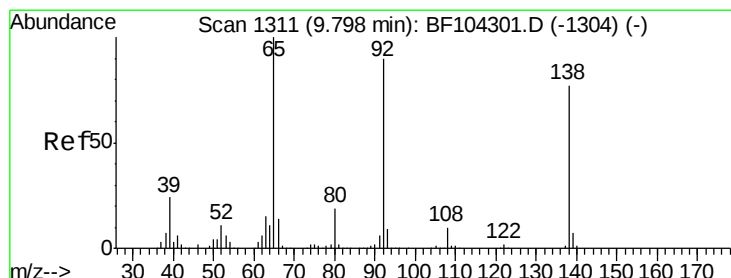
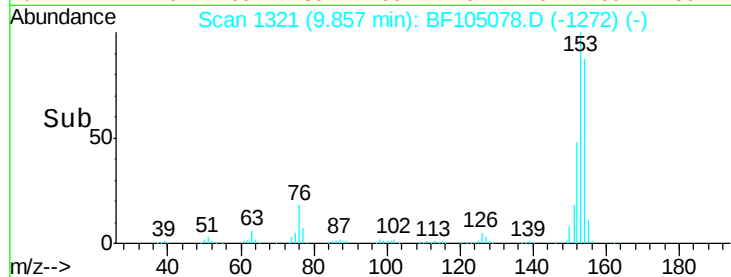
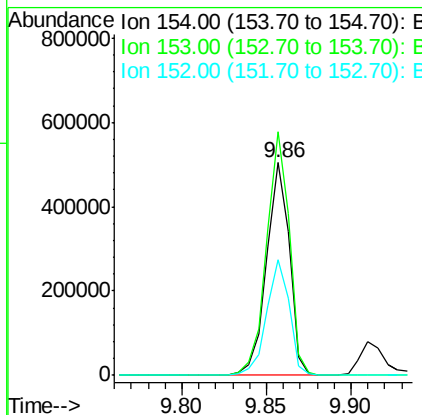
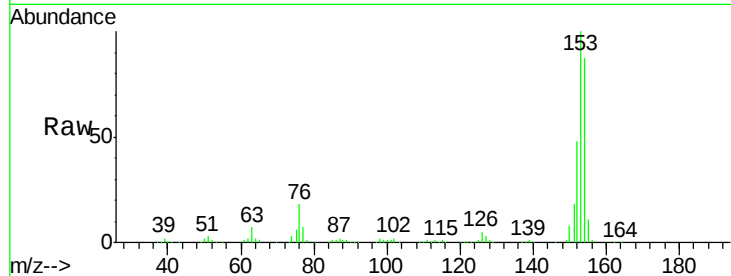
ClientSampleId :

PB108660BS

Tot Ion:	154	Resp:	471011
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 14.700 ng

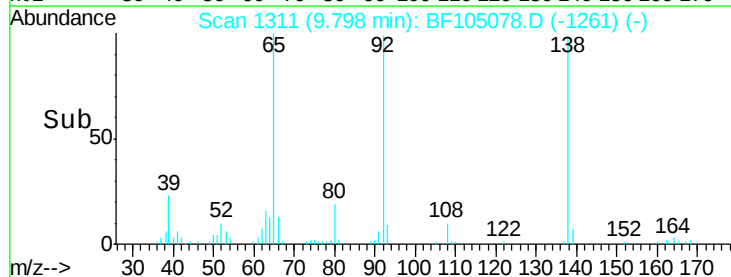
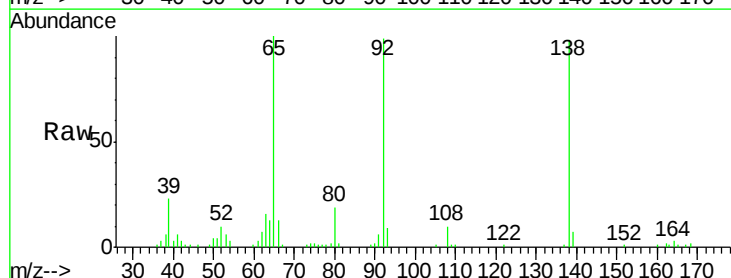
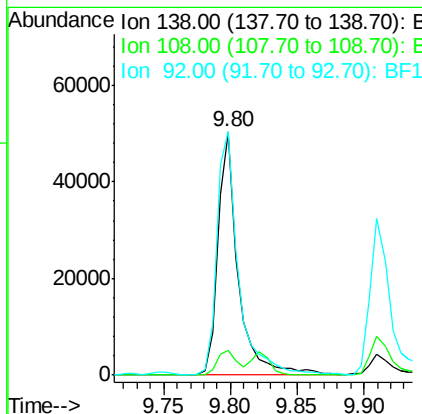
RT: 9.80 min Scan# 1311

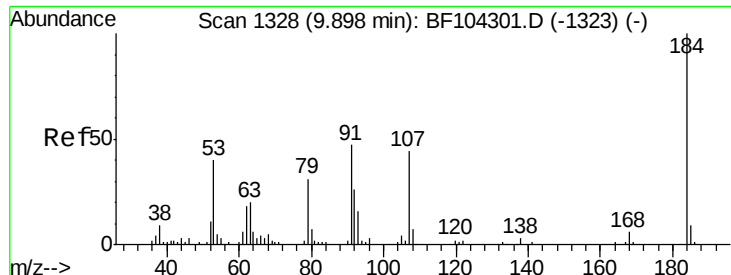
Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	138	Resp:	53831
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	100.3	89.4	134.2





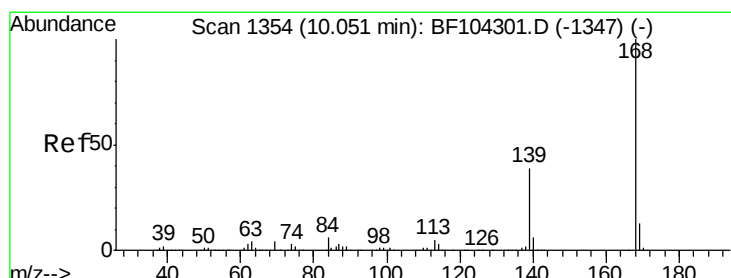
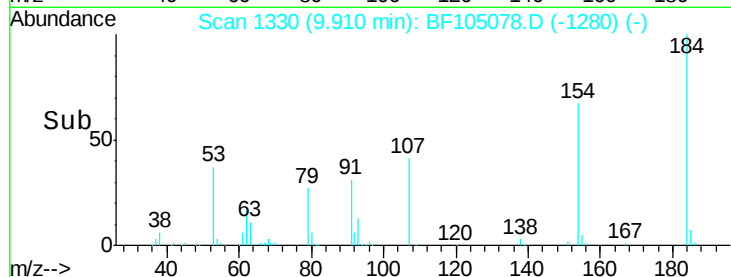
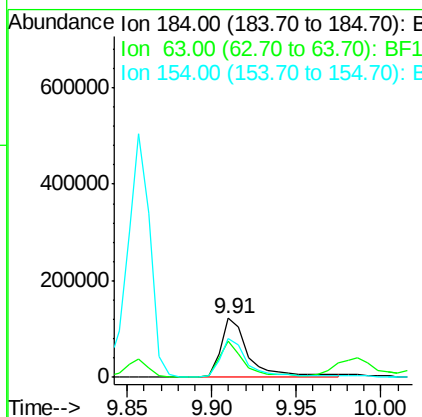
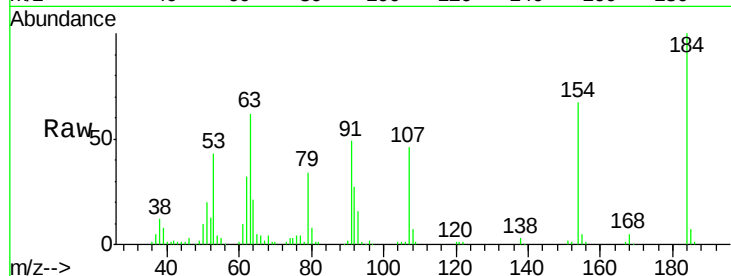
#53
 2,4-Dinitrophenol
 Concen: 98.637 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.5	54.2	81.2	
154	66.9	184.0	276.0	

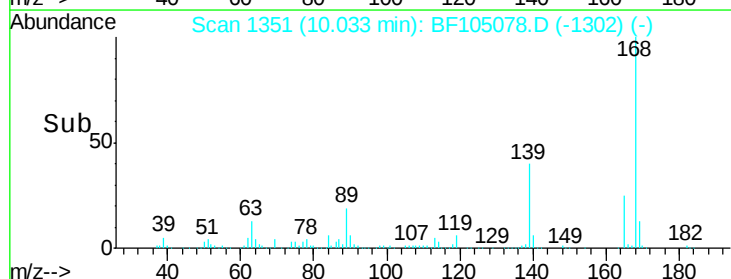
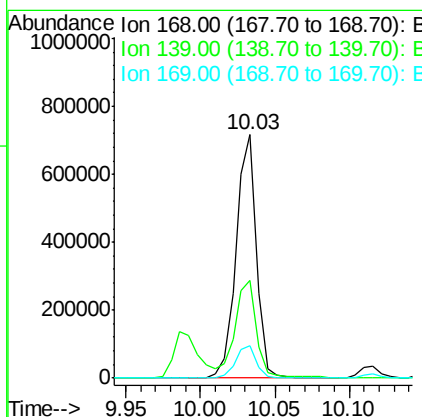
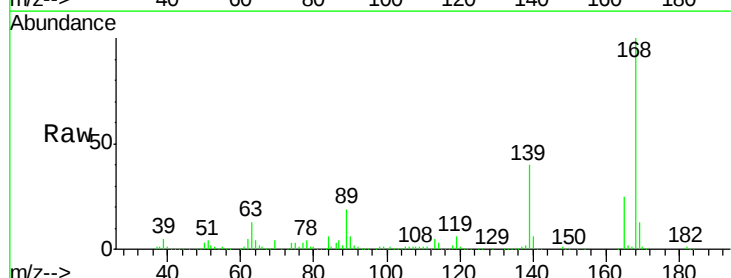
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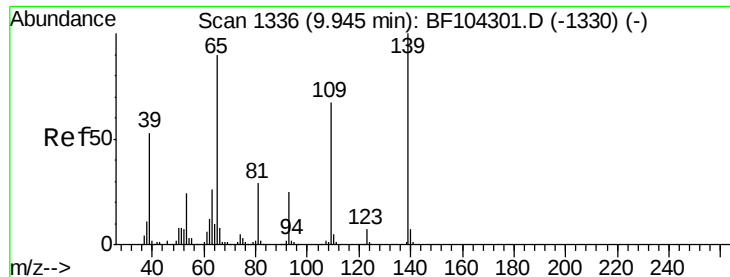
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#54
 Dibenzofuran
 Concen: 36.028 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	30.1	45.1	
169	13.1	10.9	16.3	





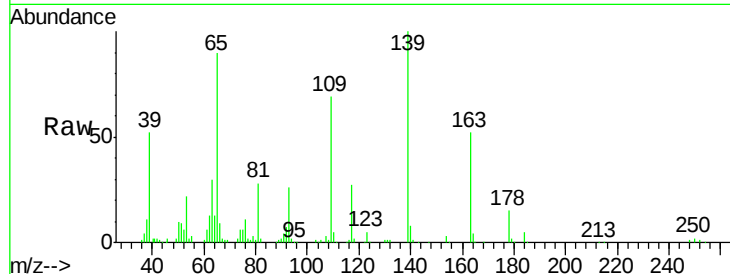
#55
4-Nitrophenol
Concen: 56.243 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.8	48.4	88.4
65	89.7	72.6	112.6

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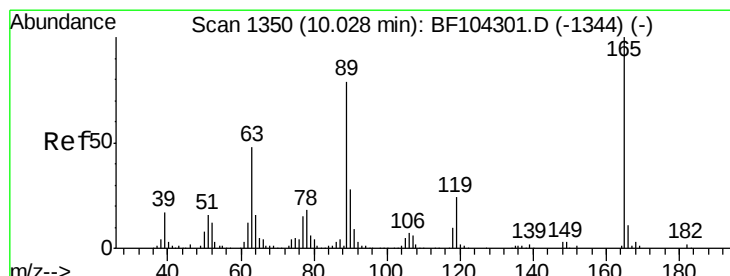
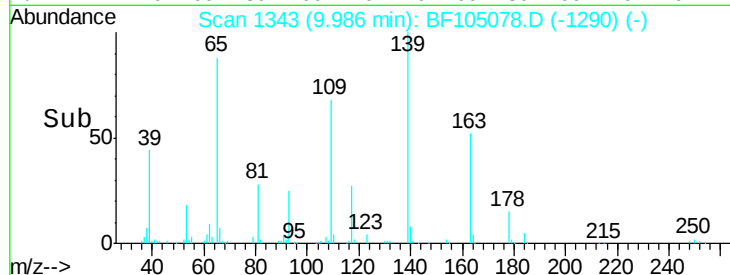
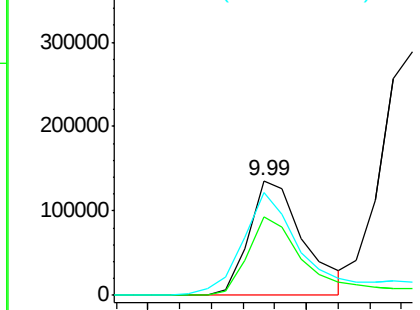


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 42.642 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	36.4	54.6
89	74.3	57.8	86.6
182	2.3	1.6	2.4

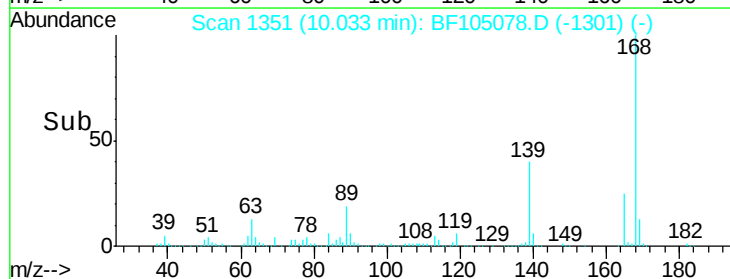
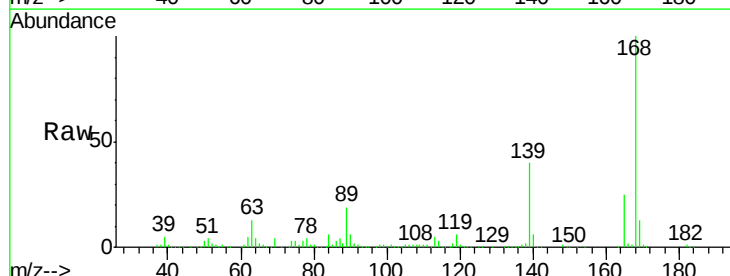
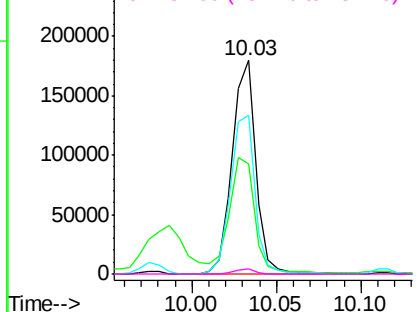
Abundance

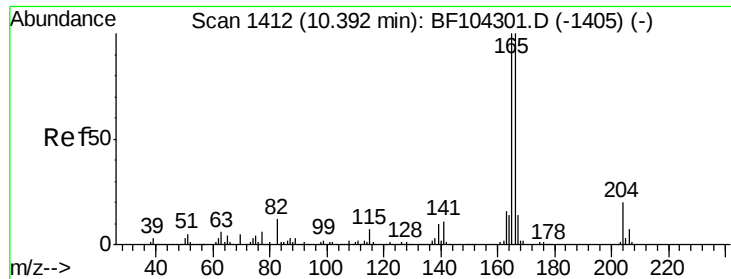
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.773 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

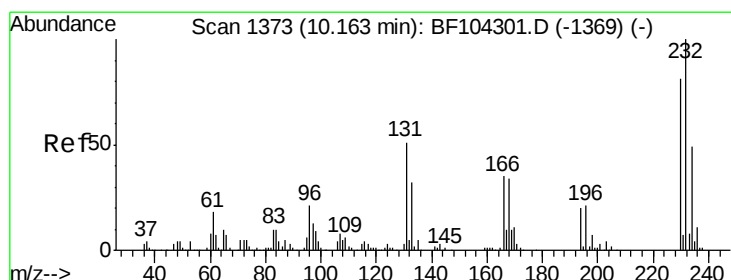
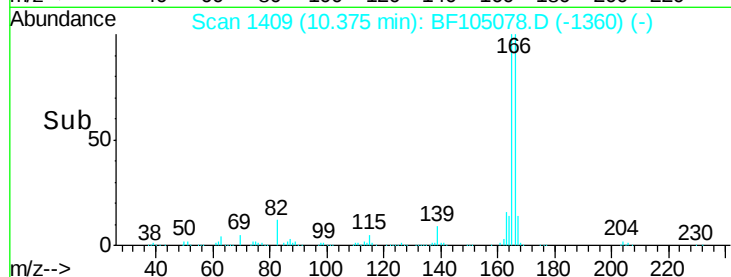
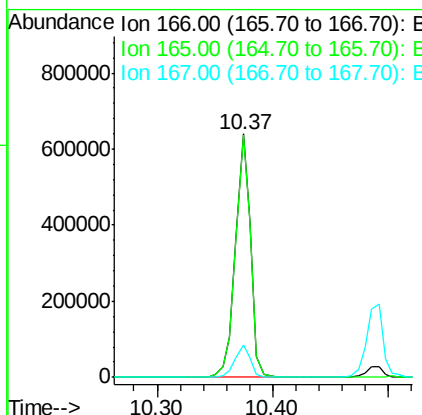
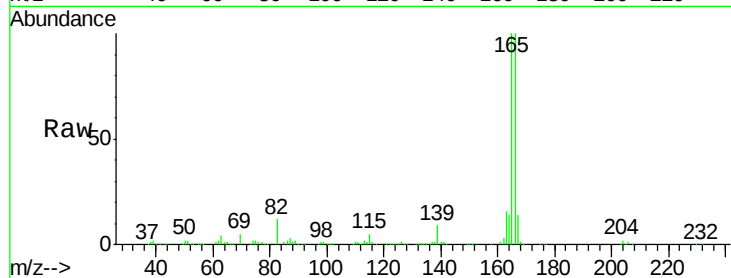
ClientSampleId :

PB108660BS

Tot Ion:	166	Resp:	576987
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.601 ng

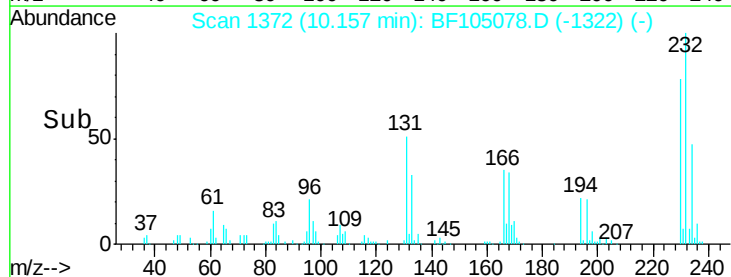
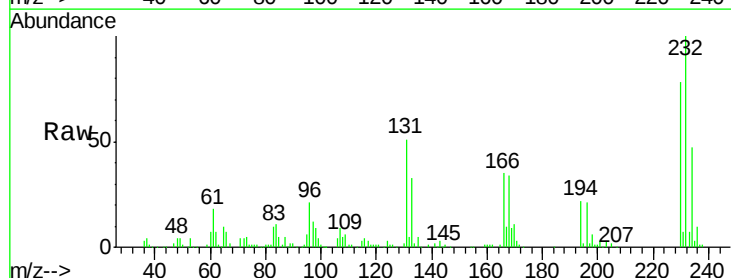
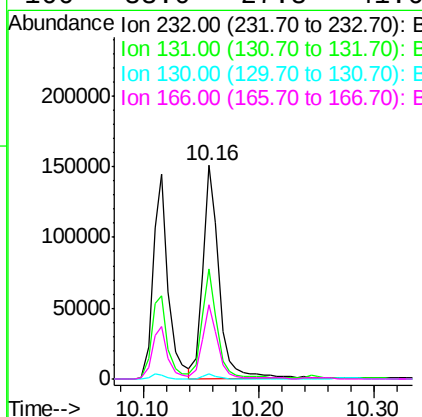
RT: 10.16 min Scan# 1372

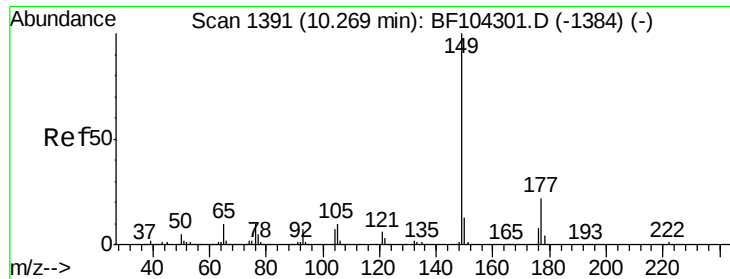
Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	232	Resp:	147945
Ion Ratio	Lower	Upper	
232	100		
131	48.2	43.8	65.8
130	2.3	2.1	3.1
166	33.0	27.8	41.6





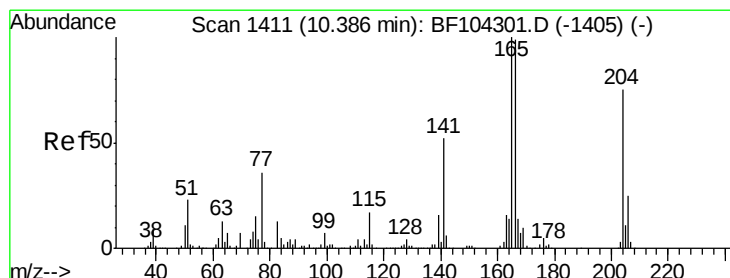
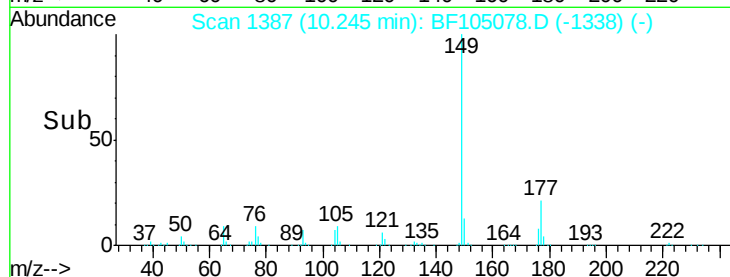
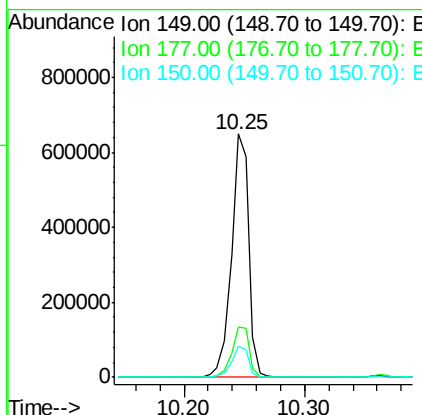
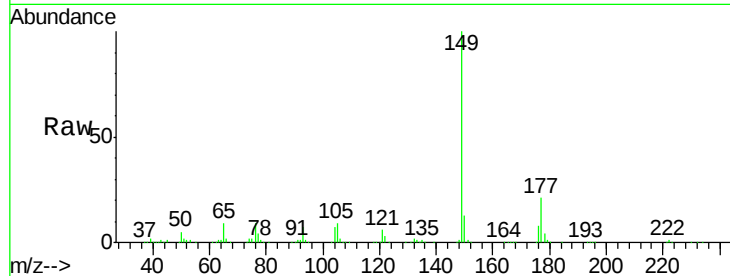
#59
Diethylphthalate
Concen: 38.314 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.7	10.1	15.1

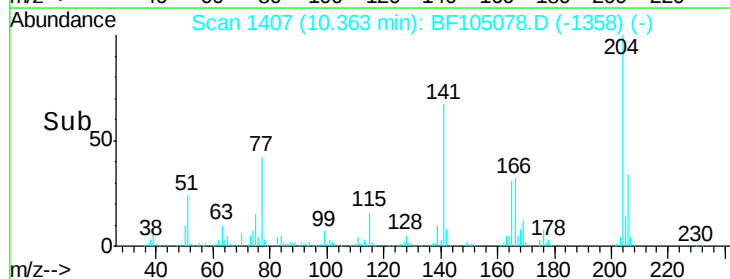
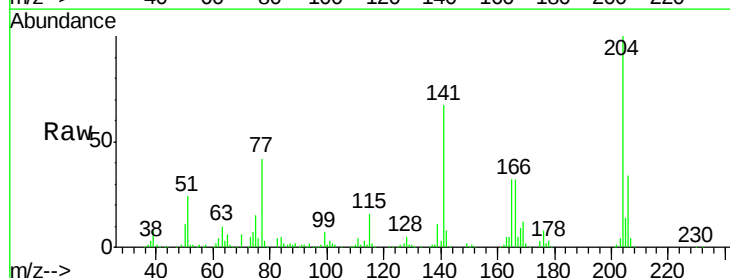
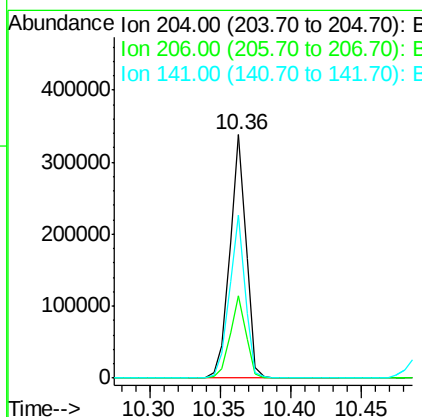
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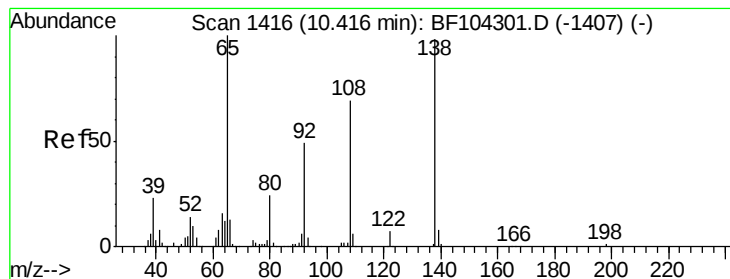
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.183 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.5	39.7
141	67.0	54.6	81.8





#61

4-Nitroaniline

Concen: 38.938 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

PB108660BS

Tot Ion:138 Resp: 139422

Ion Ratio Lower Upper

138 100

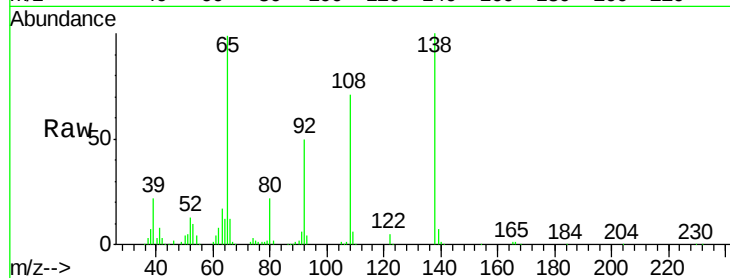
92 50.1 30.2 70.2

108 71.1 52.5 92.5

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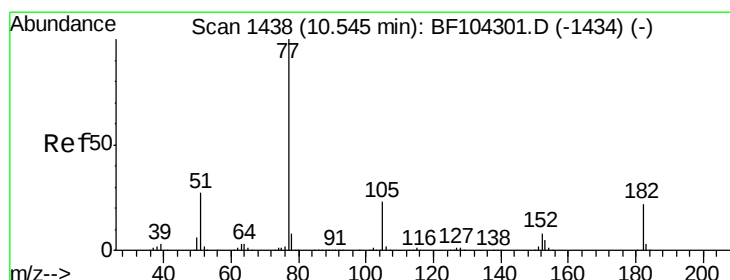
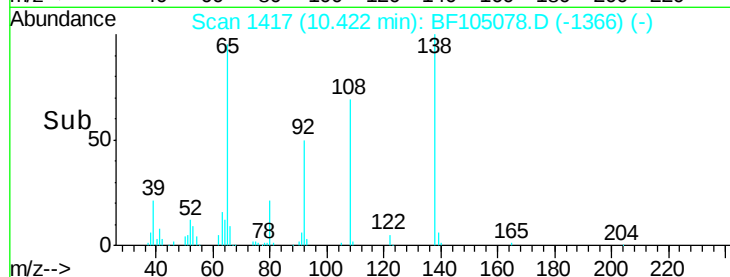
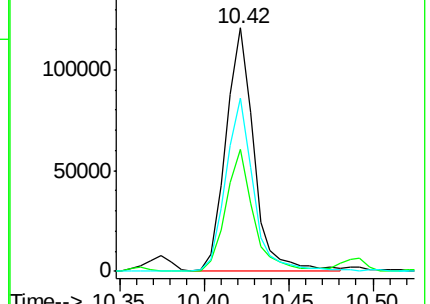
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.631 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion: 77 Resp: 573121

Ion Ratio Lower Upper

77 100

182 27.6 1.7 41.7

105 24.6 3.0 43.0

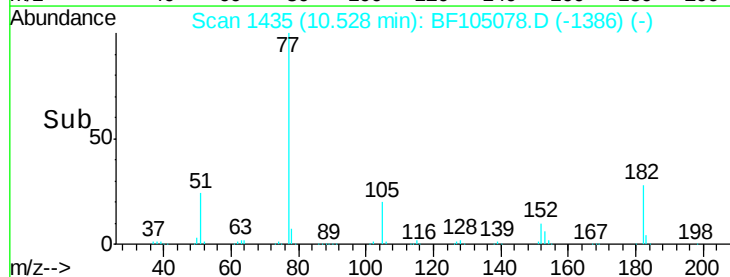
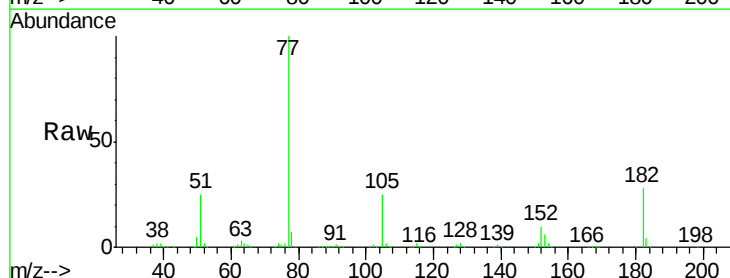
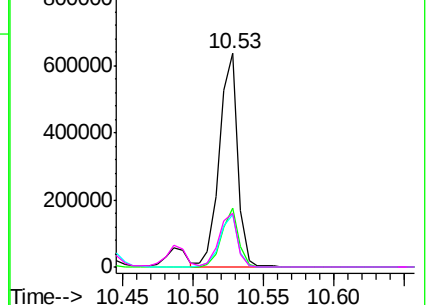
51 25.1 9.9 49.9

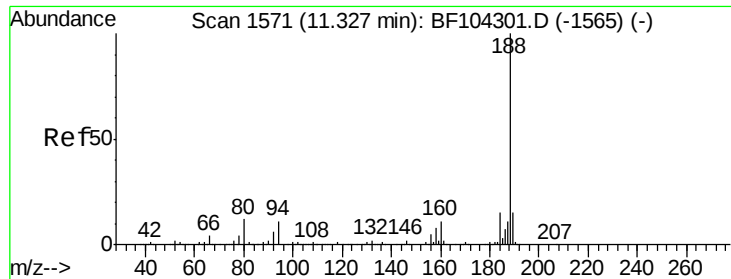
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





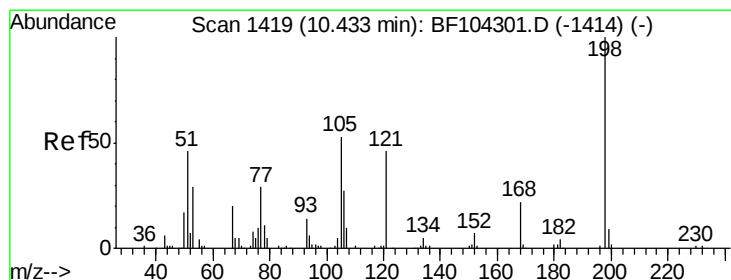
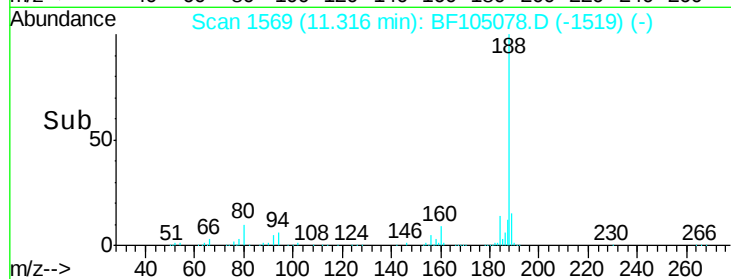
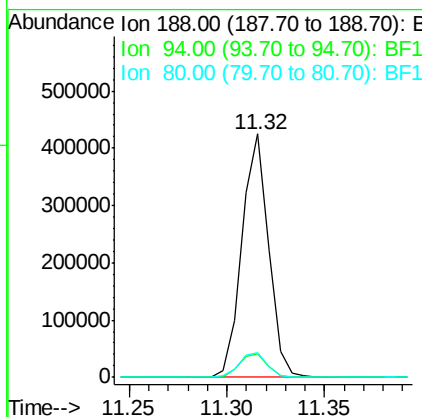
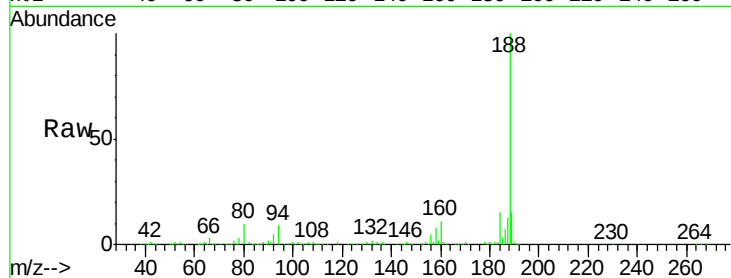
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion:	188	Resp:	402398
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8

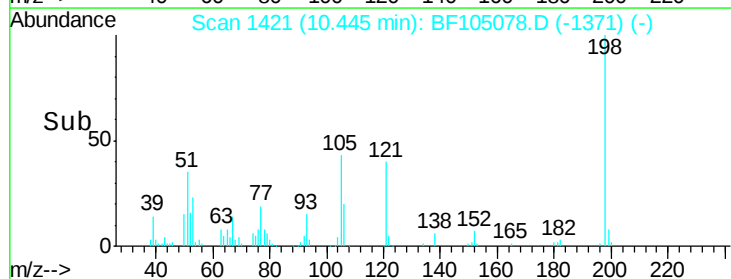
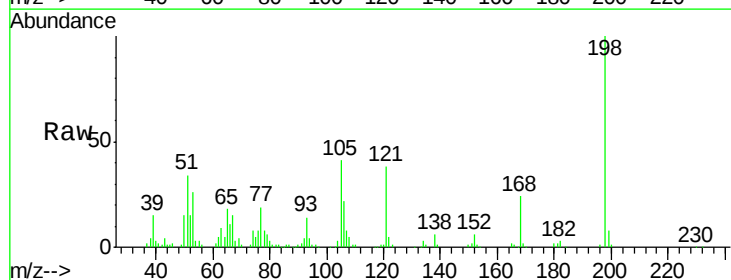
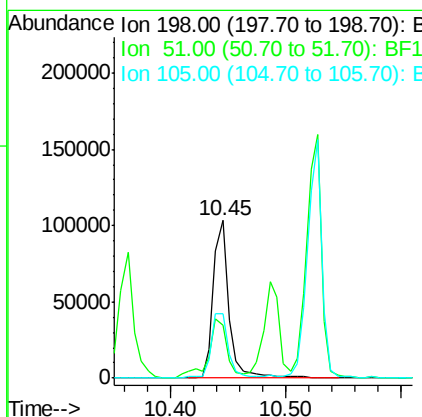
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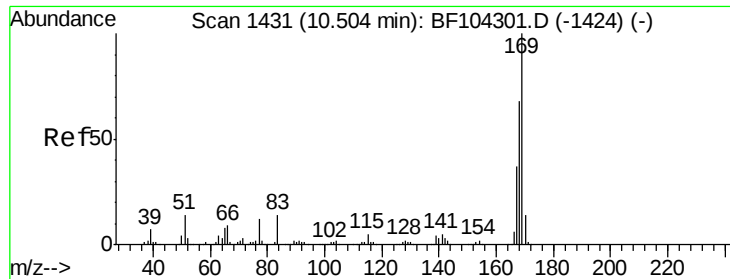
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.923 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion:	198	Resp:	98518
Ion Ratio	Lower	Upper	
198	100		
51	33.6	37.7	77.7#
105	41.2	36.3	76.3





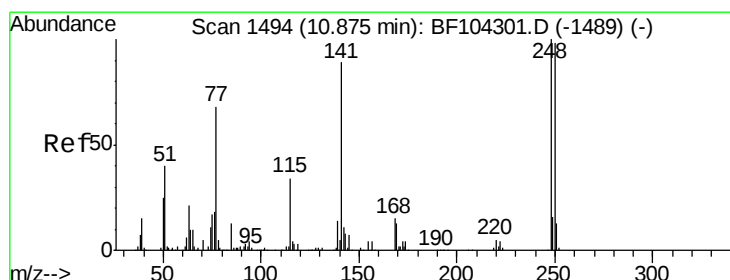
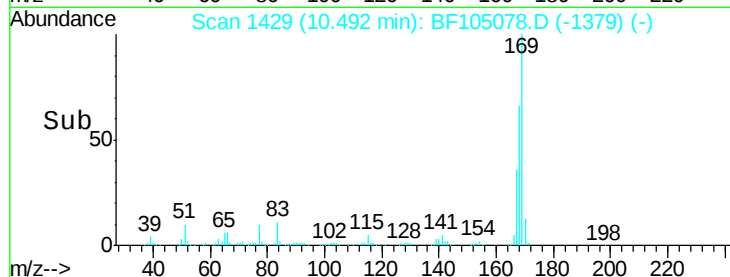
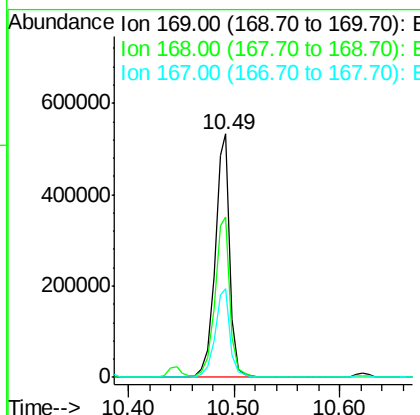
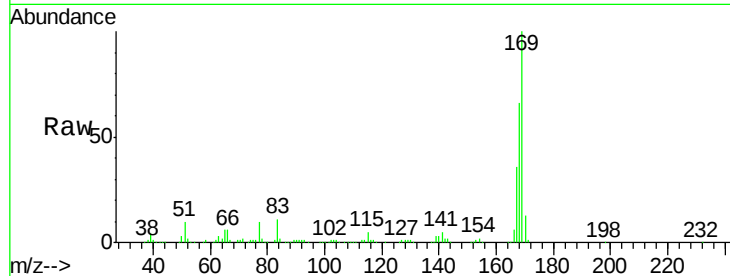
#65
 n-Nitrosodiphenylamine
 Concen: 37.533 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	523672		
168	66.1		54.4	81.6
167	36.4		29.8	44.6

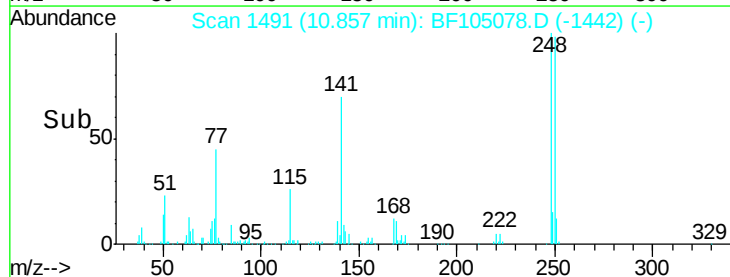
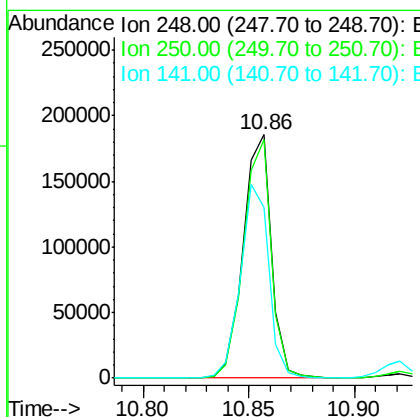
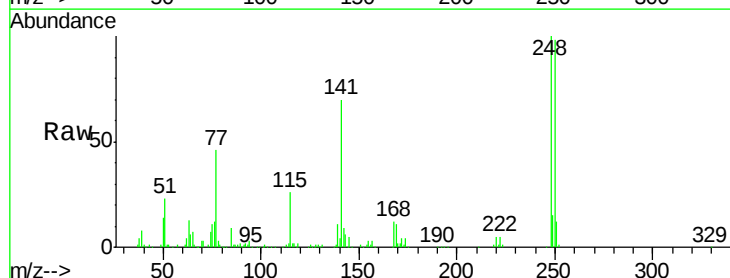
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#66
 4-Bromophenyl-phenylether
 Concen: 40.193 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	172033		
250	98.0		76.9	115.3
141	70.3		74.4	111.6#





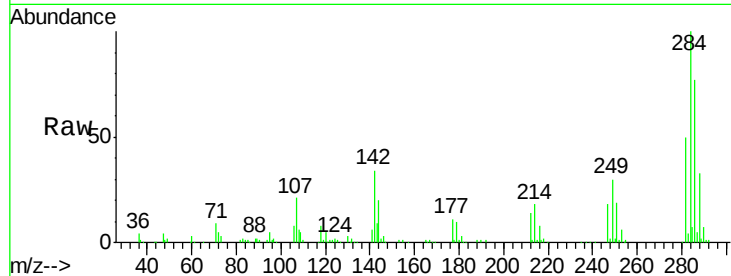
#67
Hexachlorobenzene
Concen: 39.833 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

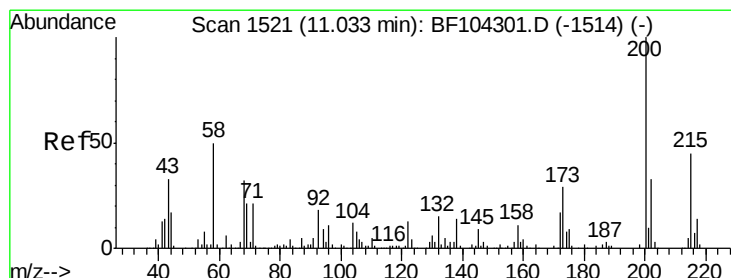
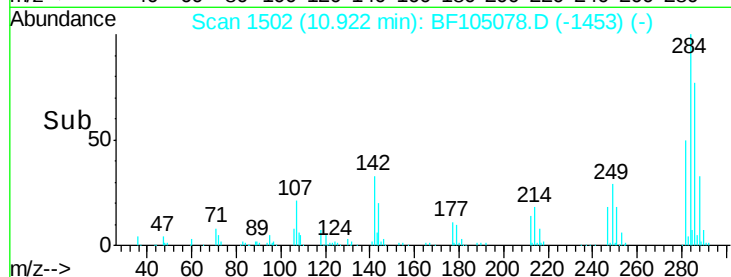
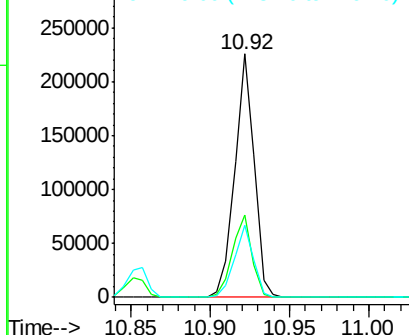
Tot Ion	Ratio	Resp	Lower	Upper
284	100	191844		
142	33.7	34.6	52.0	
249	29.8	24.8	37.2	

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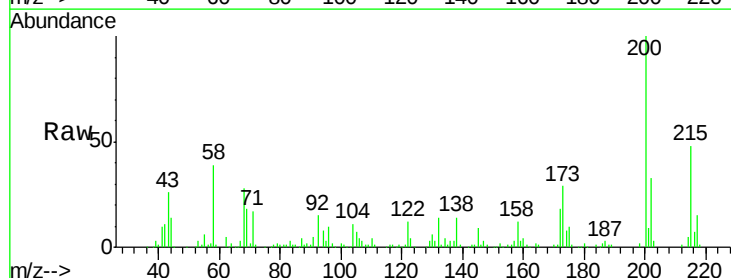


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

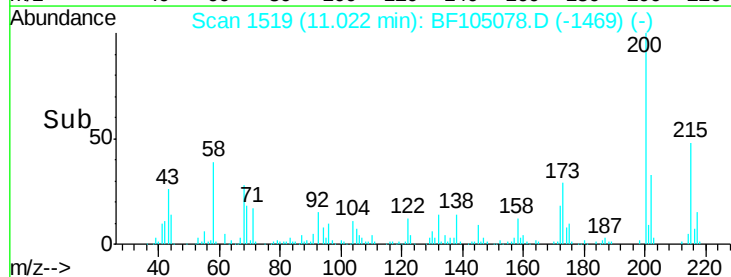
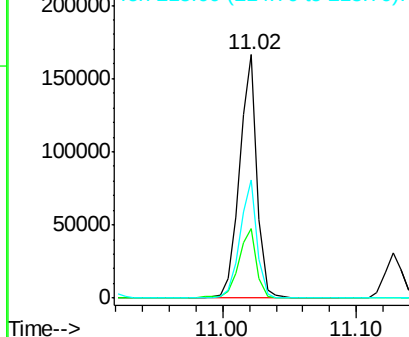


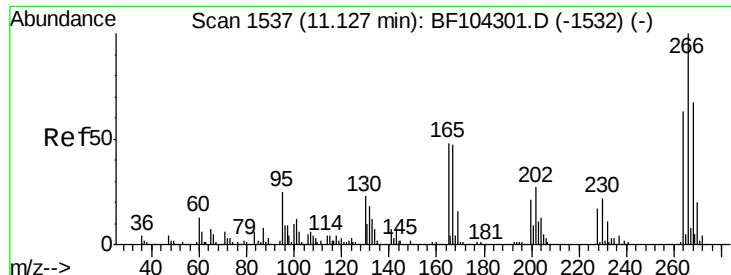
#68
Atrazine
Concen: 35.895 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151167		
173	28.8	8.6	48.6	
215	48.5	25.1	65.1	



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





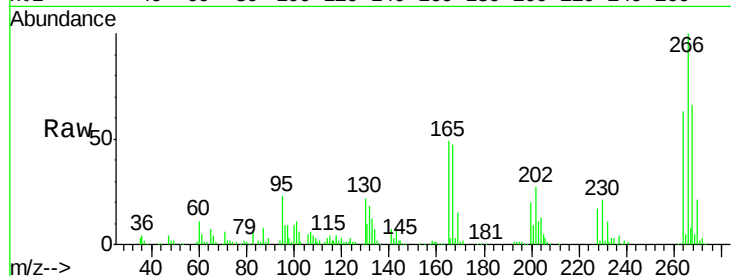
#69
 Pentachlorophenol
 Concen: 54.106 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

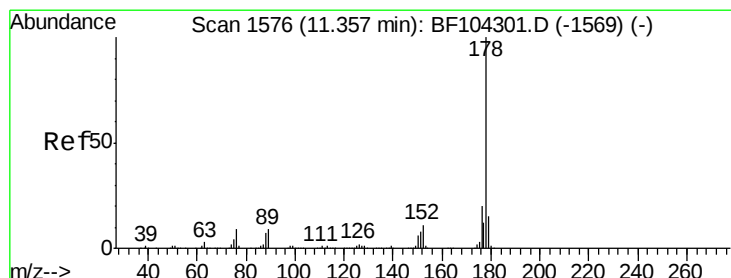
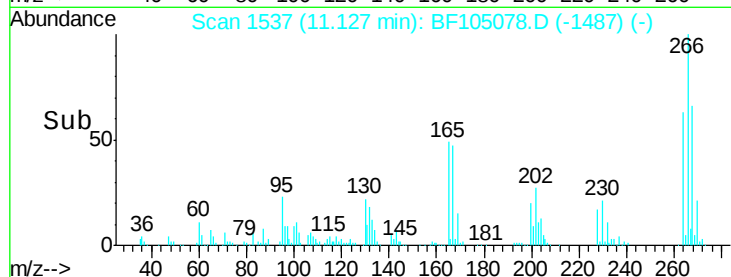
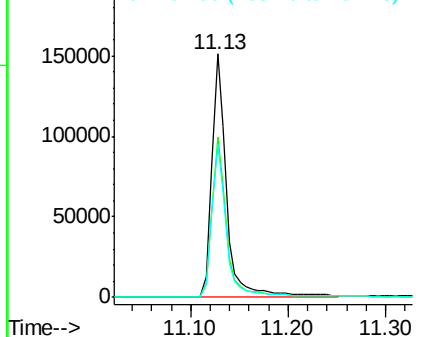
Tot Ion	Ratio	Resp	Lower	Upper
266	100	161210		
268	65.7	51.1	76.7	
264	62.6	49.5	74.3	

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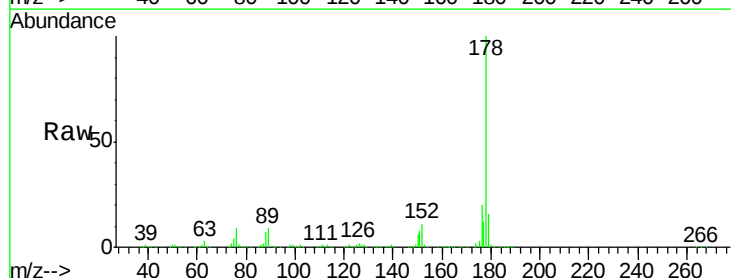


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

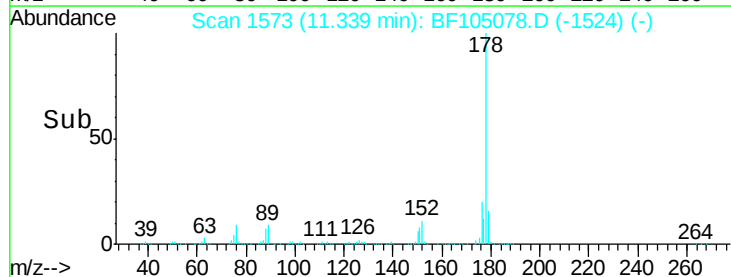
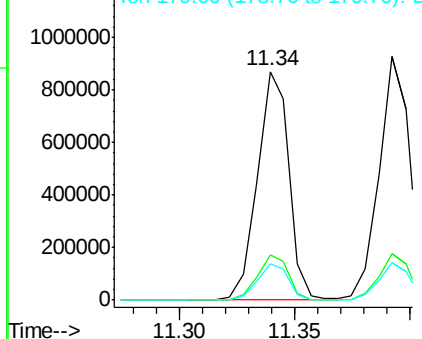


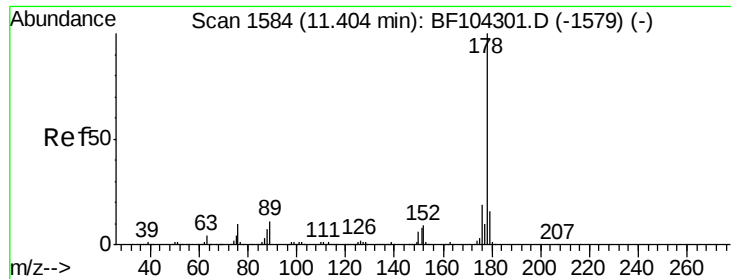
#70
 Phenanthrene
 Concen: 37.069 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	830692		
176	19.7	15.8	23.8	
179	15.7	13.0	19.6	



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





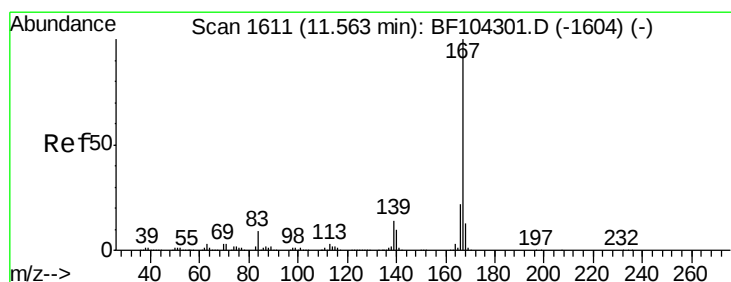
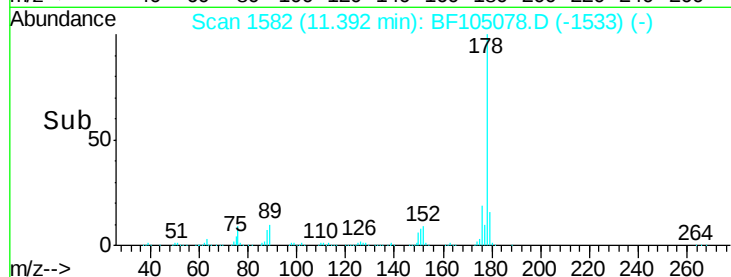
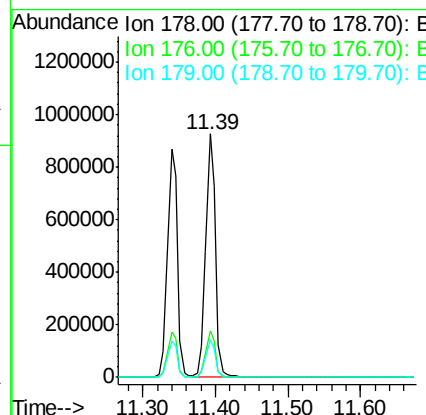
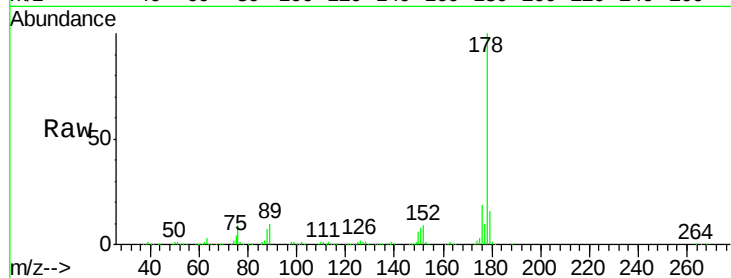
#71
 Anthracene
 Concen: 38.065 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

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

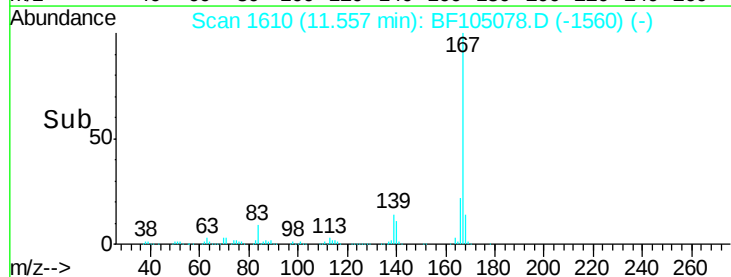
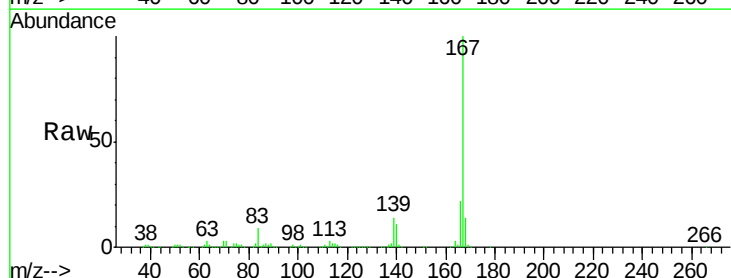
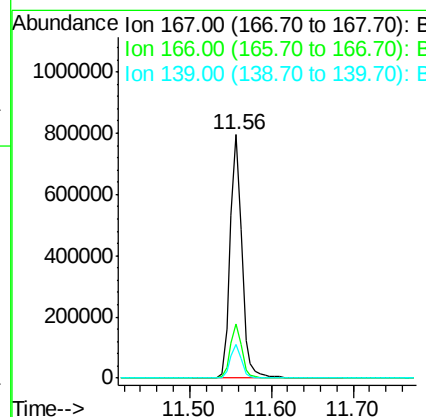
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#72
 Carbazole
 Concen: 35.441 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	14.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.905 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampleId :

PB108660BS

Tot Ion:149 Resp: 1030680

Ion Ratio Lower Upper

149 100

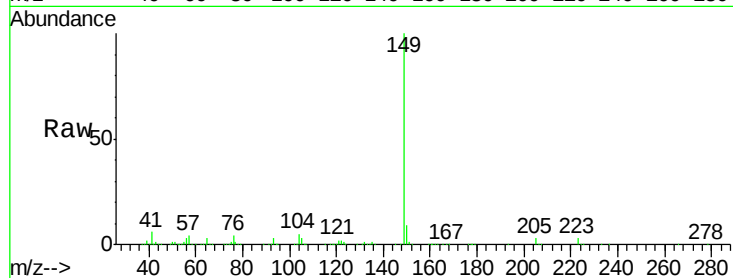
150 9.5 7.8 11.6

104 4.6 3.8 5.8

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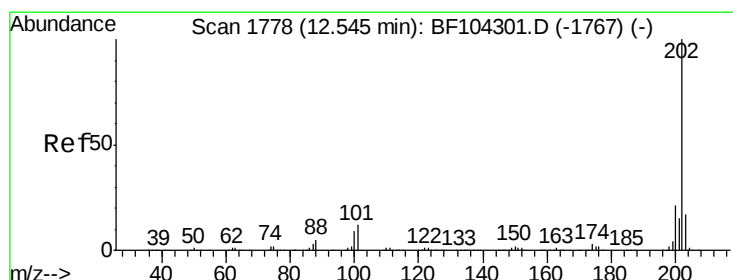
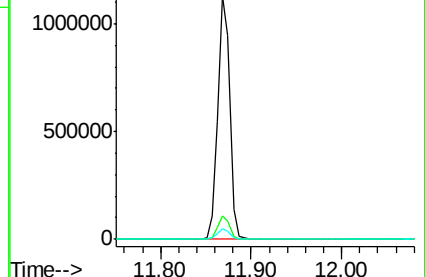
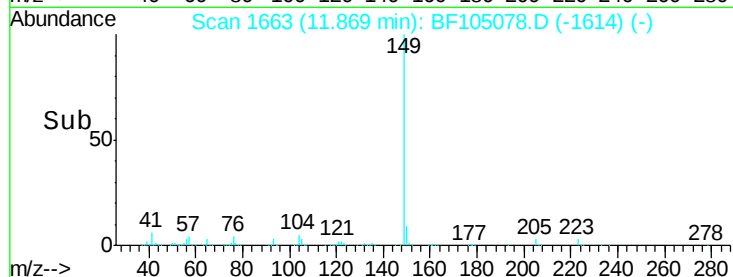
5/4/2018 10:51:36 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.176 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

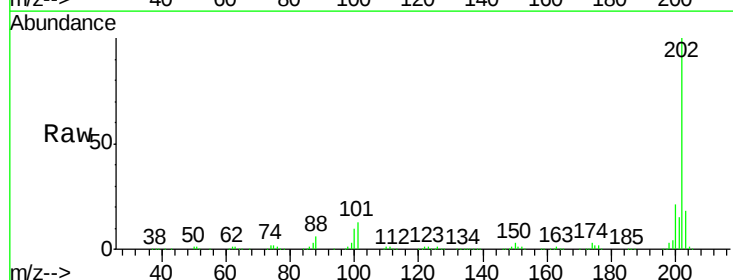
Tgt Ion:202 Resp: 870426

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

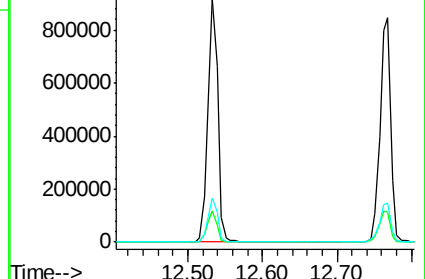
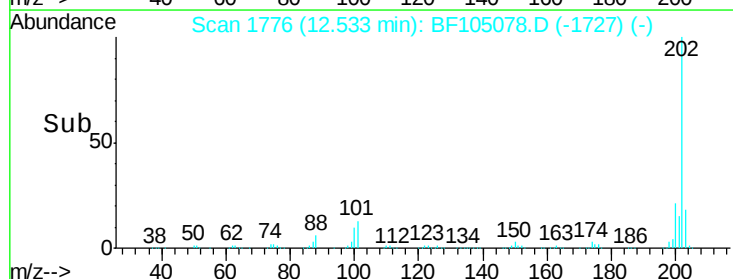
203 17.8 0.0 38.1

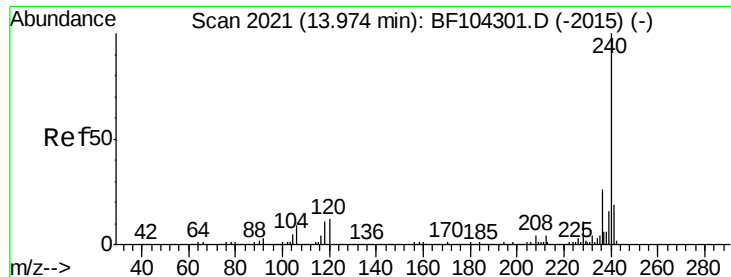


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

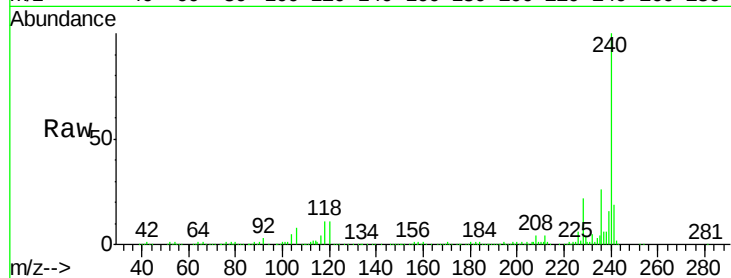
ClientSampleId :

PB108660BS

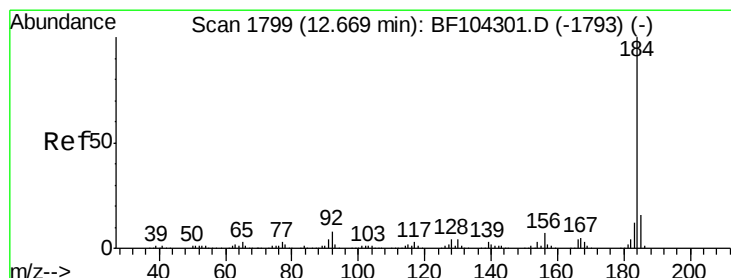
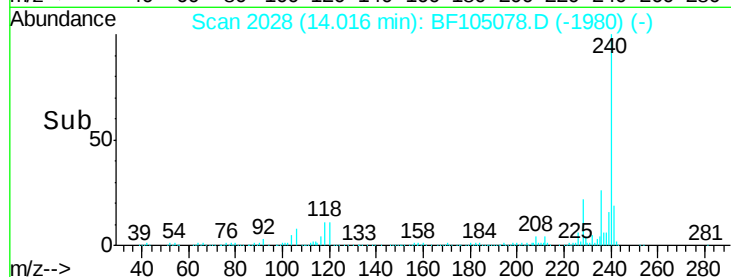
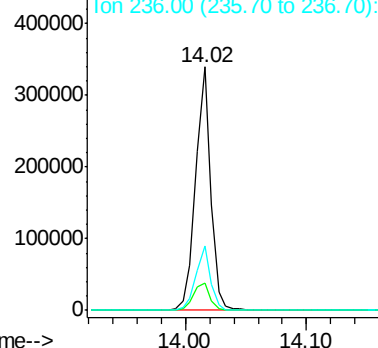
Tot Ion:	240	Resp:	292015
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	26.4	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 9.332 ng

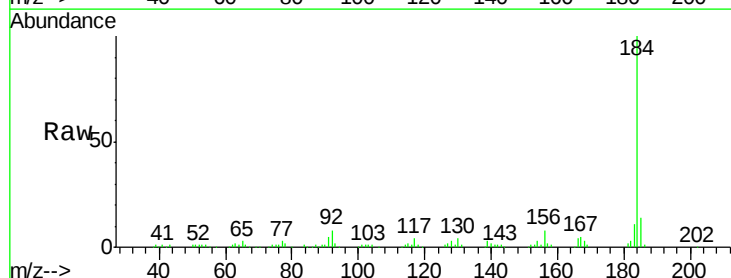
RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

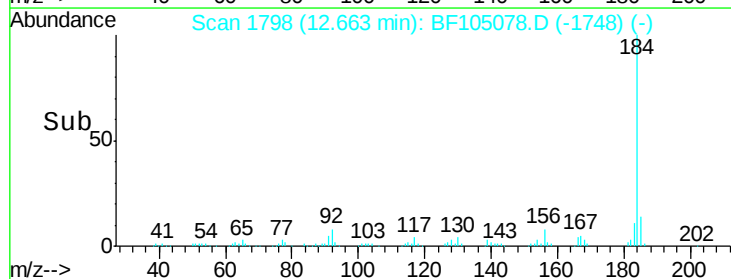
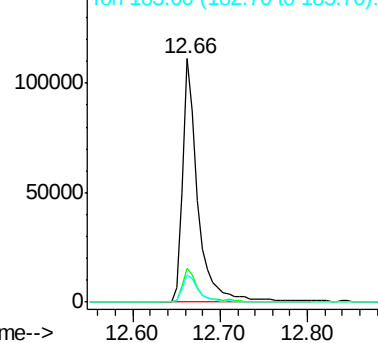
Lab File: BF105078.D

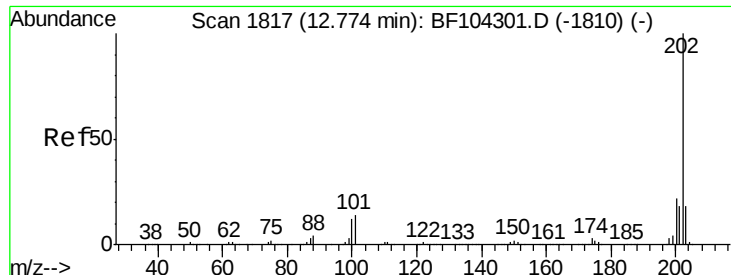
Acq: 3 May 2018 17:48

Tgt Ion:	184	Resp:	135634
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	11.5	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.143 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

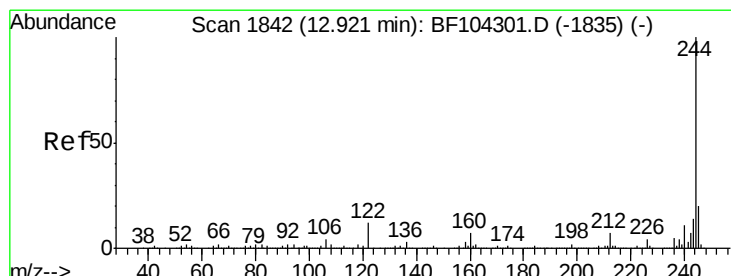
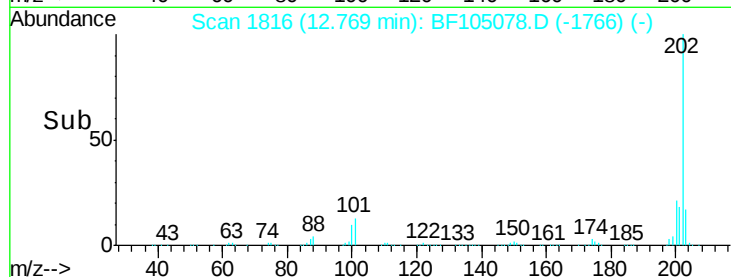
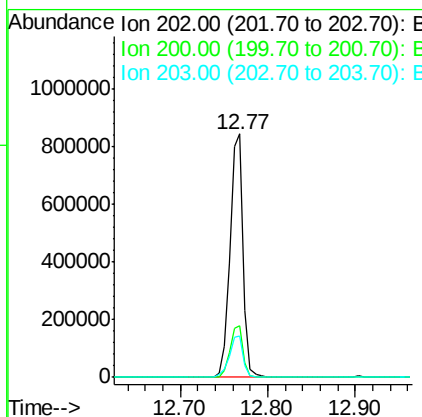
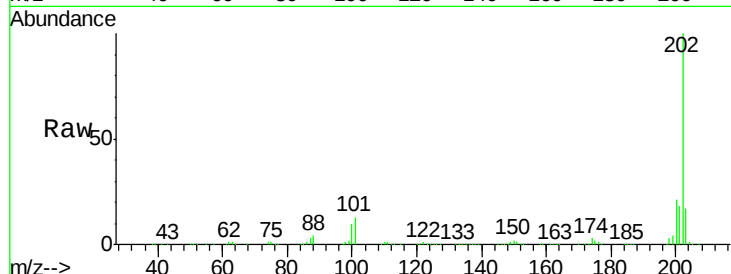
ClientSampleId :

PB108660BS

Tot Ion:	202	Resp:	868907
Ion Ratio		Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 89.034 ng

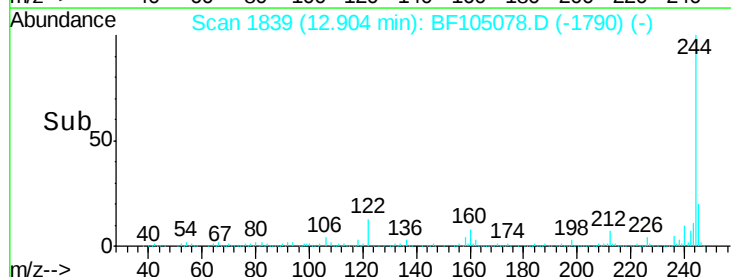
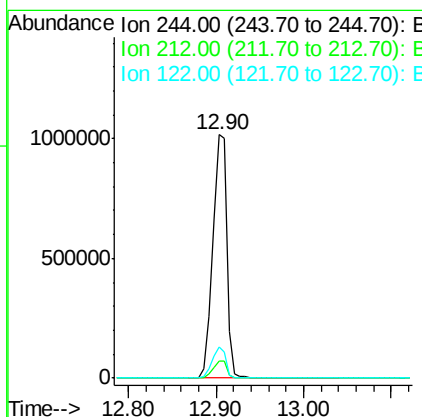
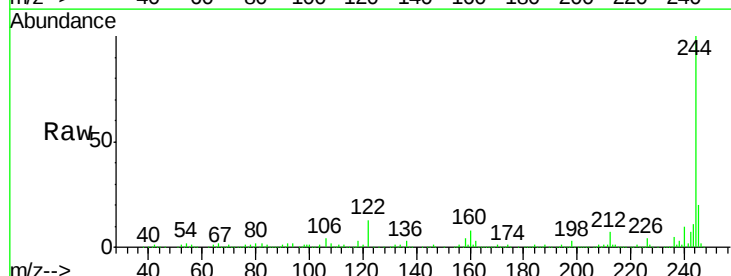
RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Tgt Ion:	244	Resp:	1140398
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.9	11.0	16.4





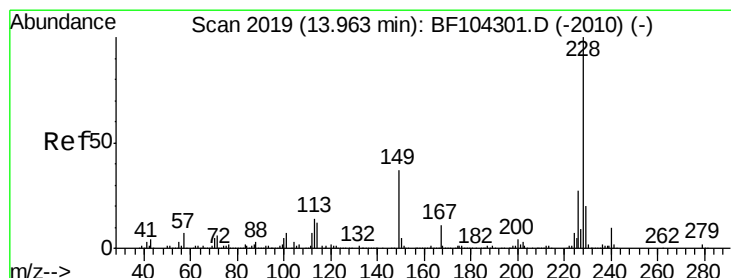
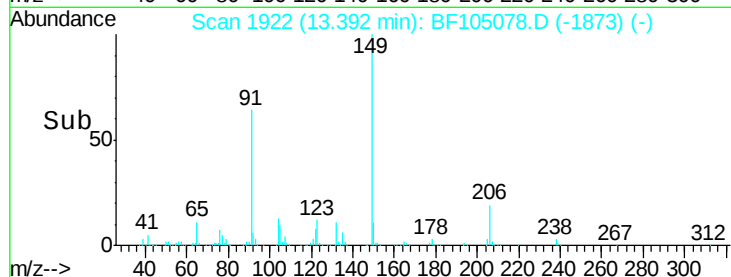
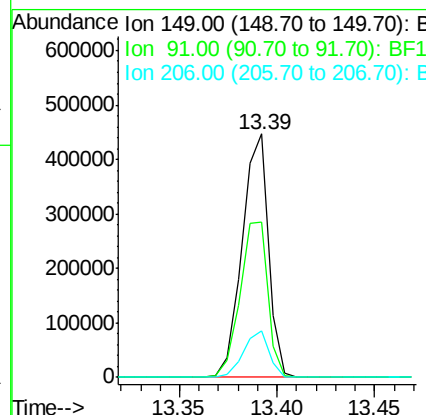
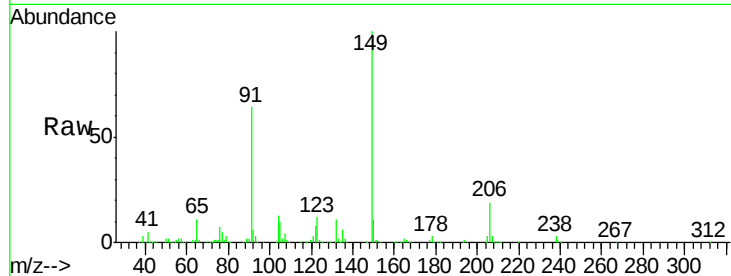
#79
Butylbenzylphthalate
Concen: 41.010 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	418191		
91	63.9	56.8	85.2	
206	18.9	14.1	21.1	

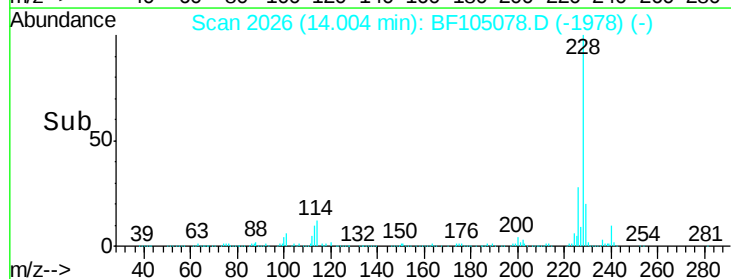
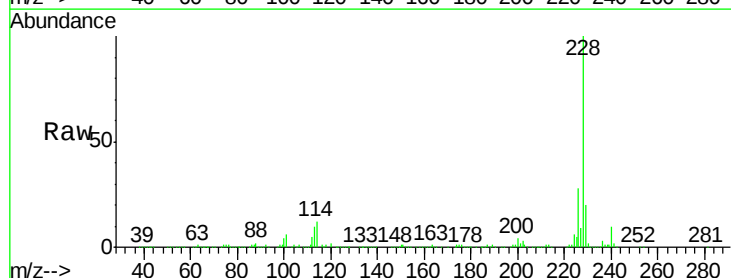
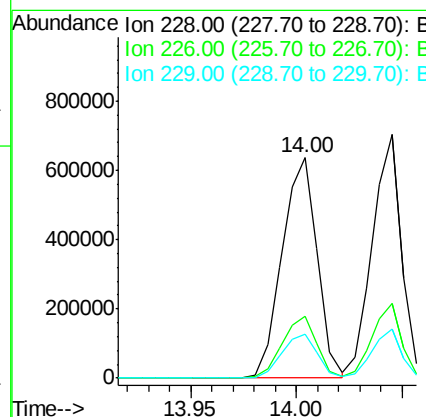
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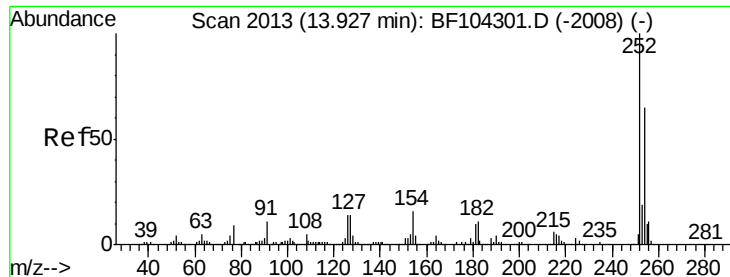
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#80
Benzo(a)anthracene
Concen: 42.200 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	736199		
226	28.1	22.6	33.8	
229	20.1	15.8	23.6	





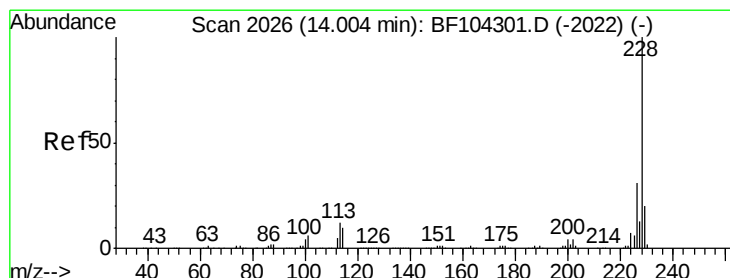
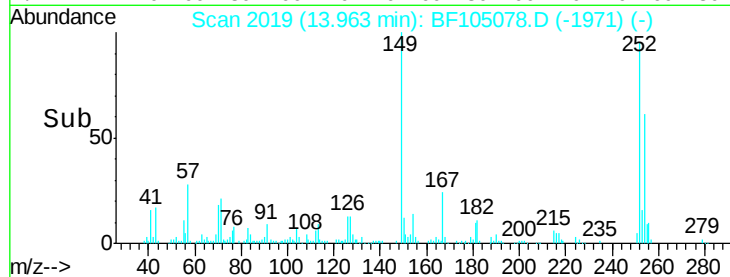
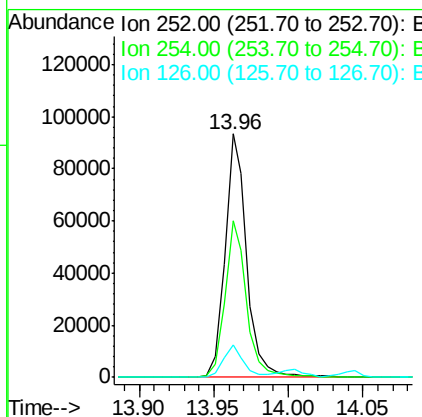
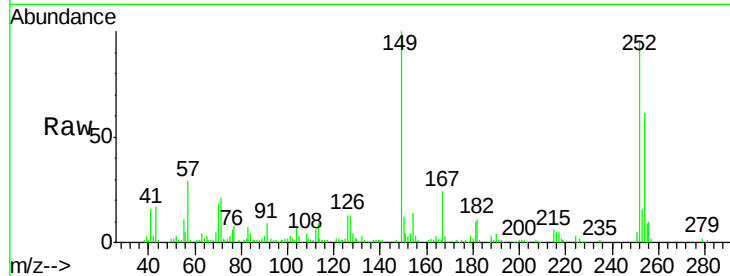
#81
 3,3'-Dichlorobenzidine
 Concen: 14.696 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	95592		
254	64.4	50.4	75.6	
126	13.5	11.3	16.9	

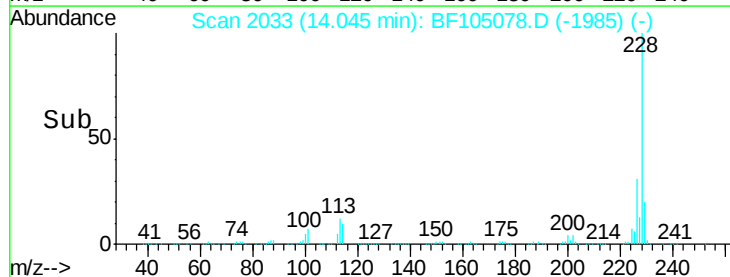
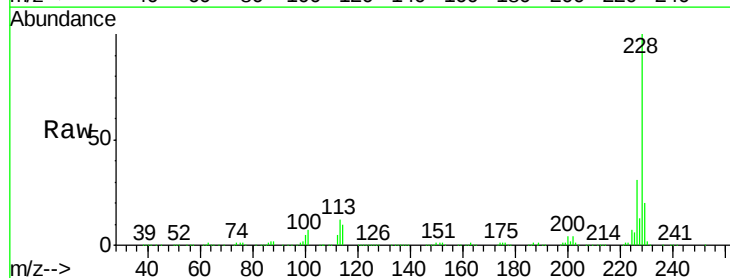
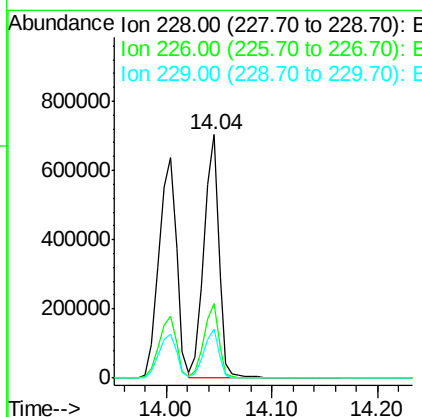
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#82
 Chrysene
 Concen: 38.443 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	688866		
226	30.9	25.0	37.6	
229	20.0	16.2	24.4	





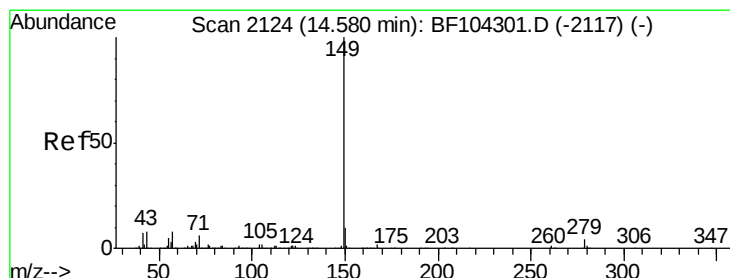
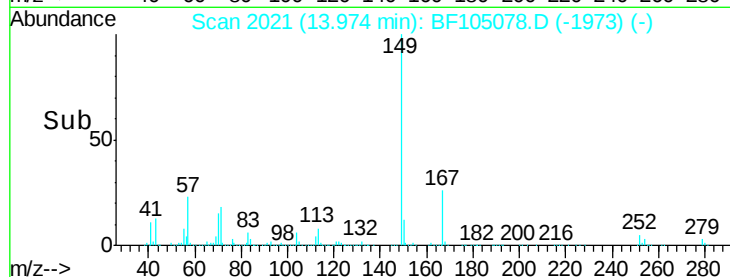
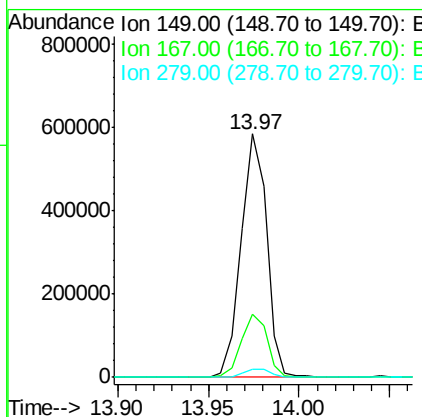
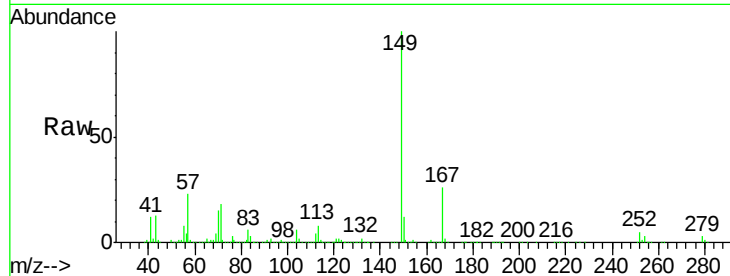
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.877 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

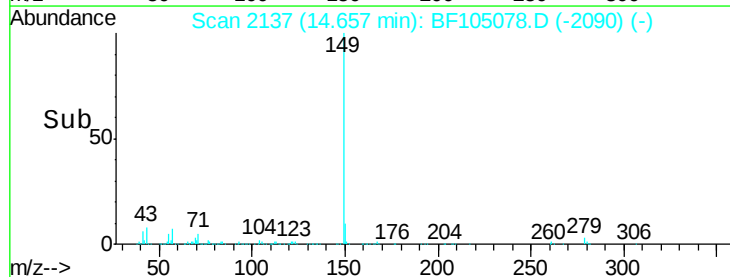
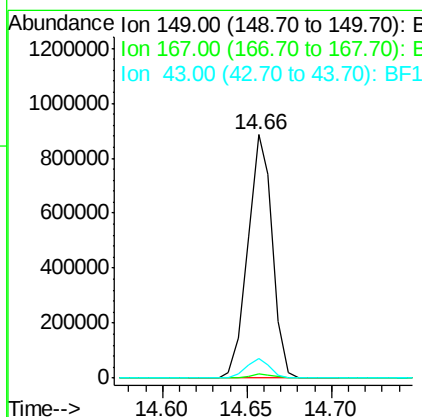
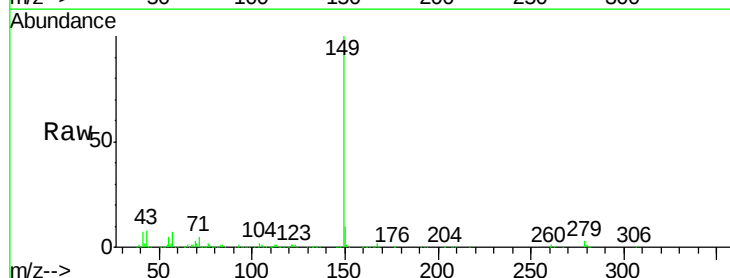
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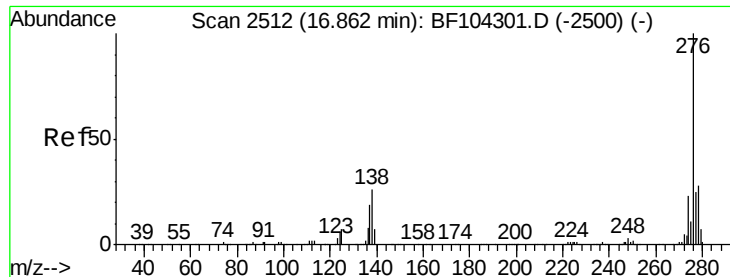
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 5/4/2018 10:51:36 AM



#84
 Di-n-octyl phthalate
 Concen: 41.029 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.450 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.03 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

Instrument :

BNA_F

ClientSampled :

PB108660BS

Tot Ion:276 Resp: 524388

Ion Ratio Lower Upper

276 100

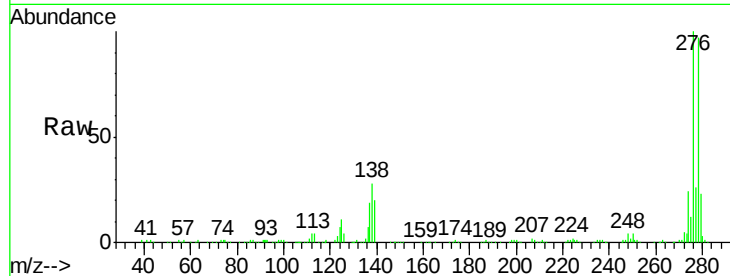
138 27.0 25.0 37.6

277 25.7 20.1 30.1

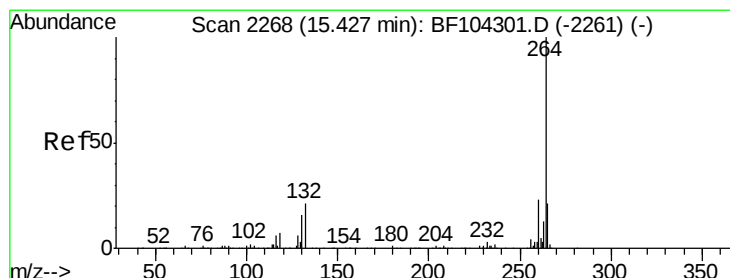
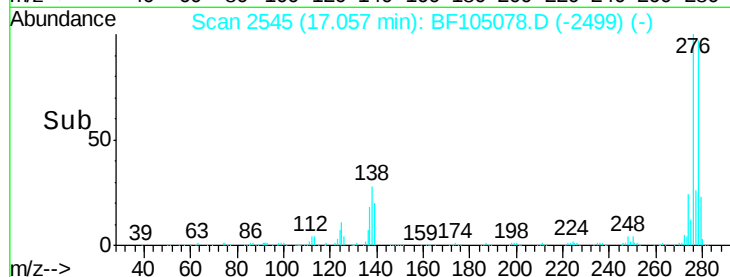
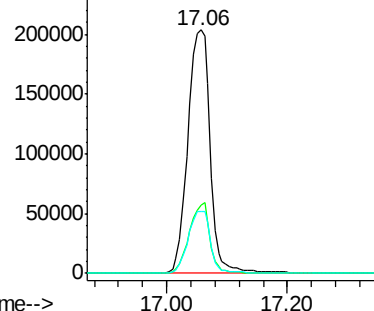
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.02 min

Lab File: BF105078.D

Acq: 3 May 2018 17:48

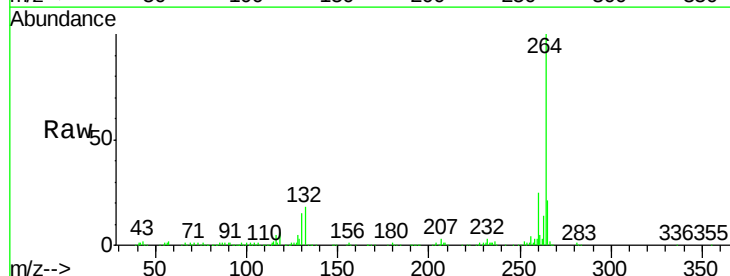
Tgt Ion:264 Resp: 232643

Ion Ratio Lower Upper

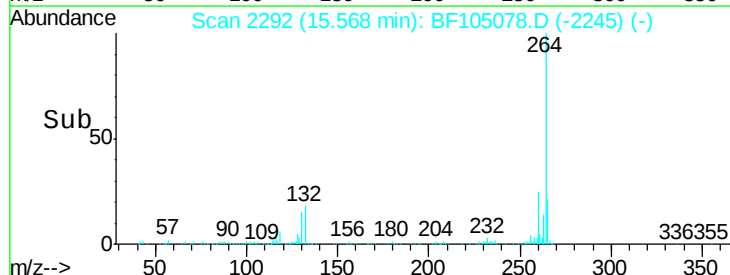
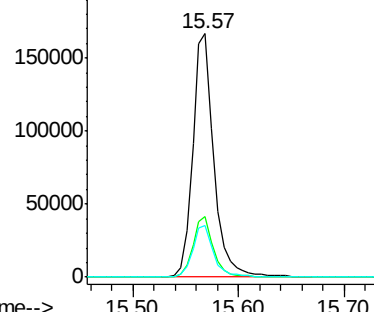
264 100

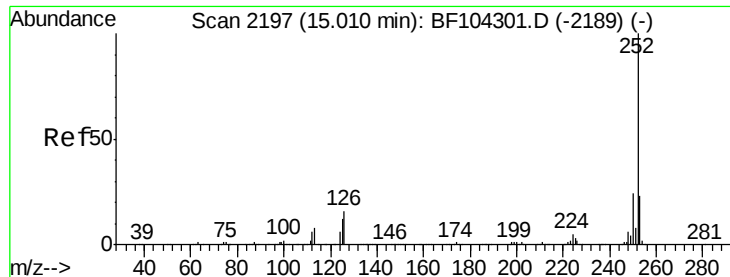
260 24.7 19.2 28.8

265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





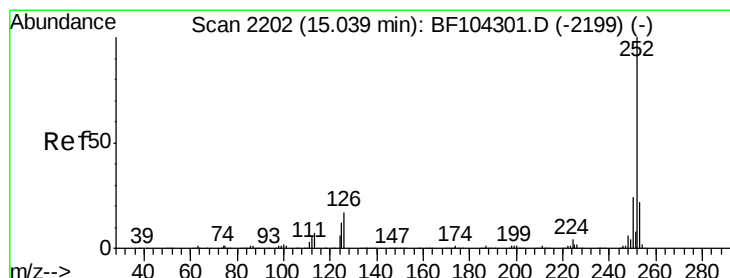
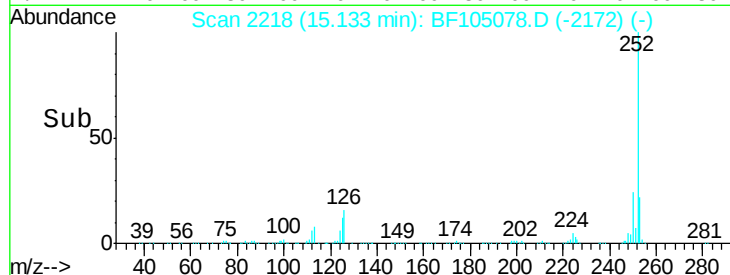
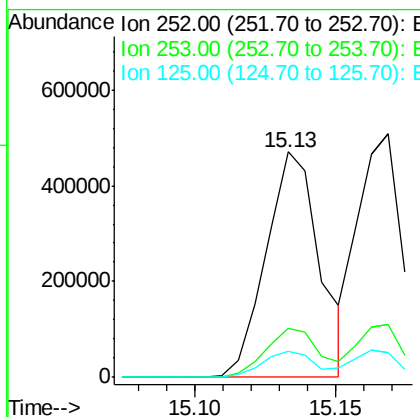
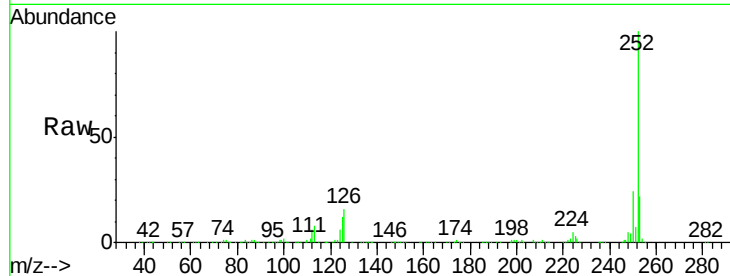
#87
Benzo(b)fluoranthene
Concen: 42.246 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	9.0	13.6

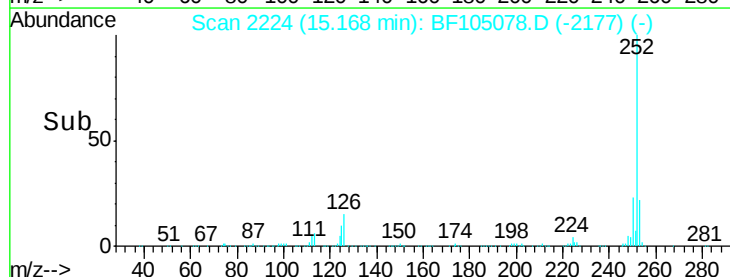
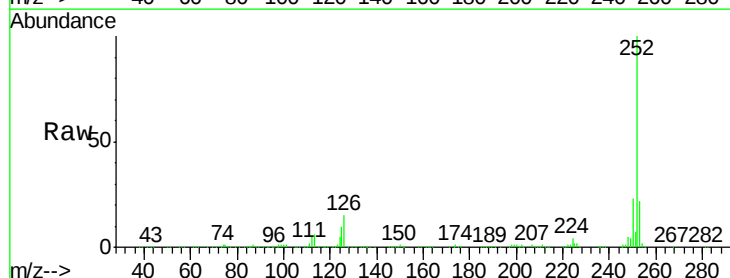
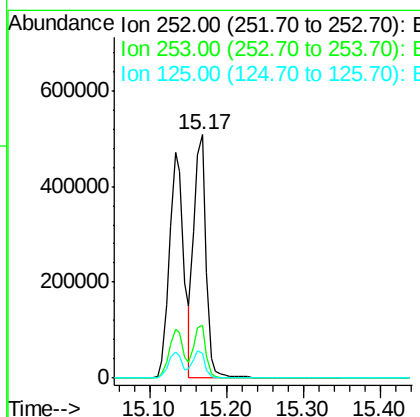
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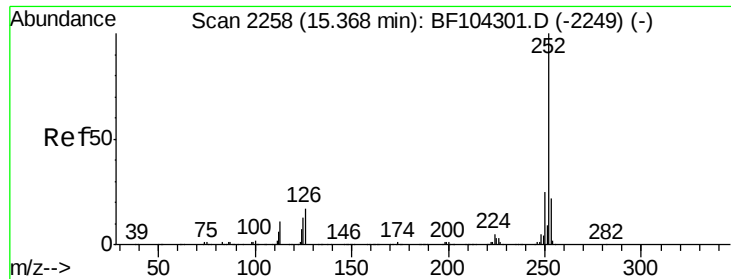
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#88
Benzo(k)fluoranthene
Concen: 40.839 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.3	10.2	15.2





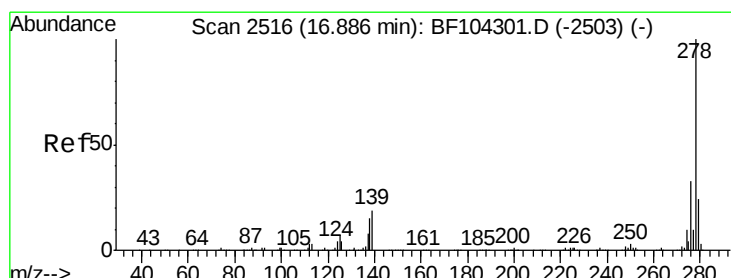
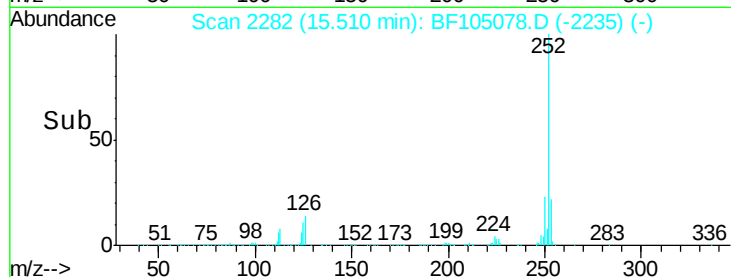
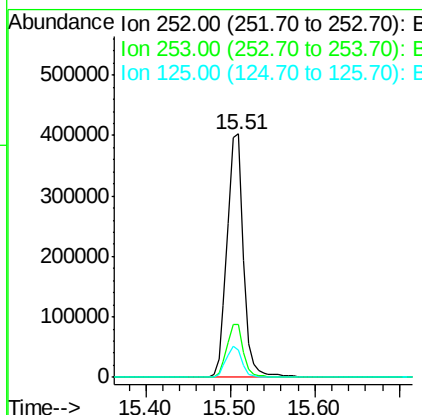
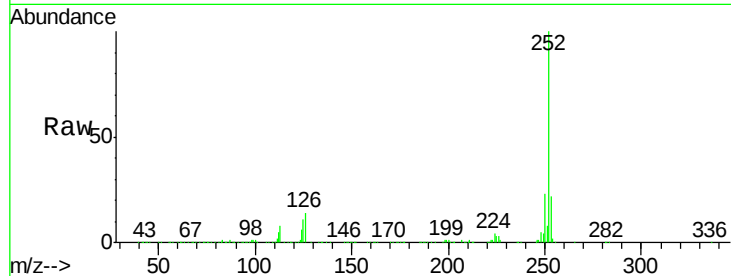
#89
Benzo(a)pyrene
Concen: 41.083 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.3	9.8	14.6

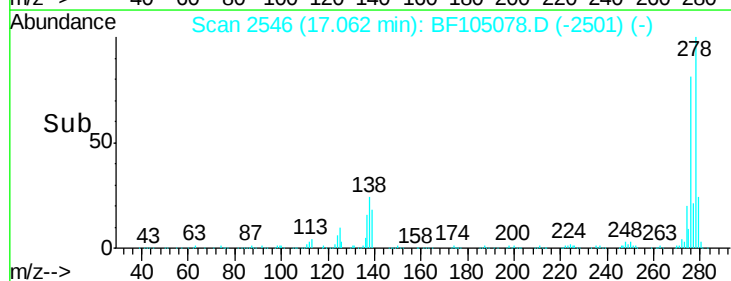
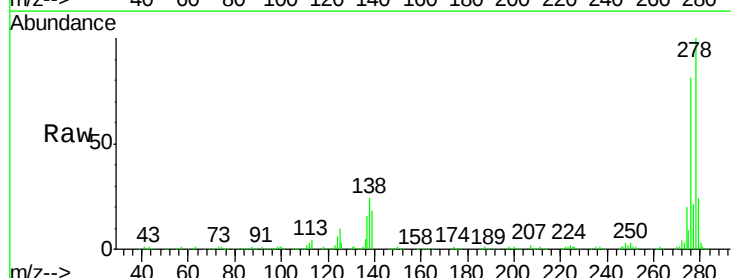
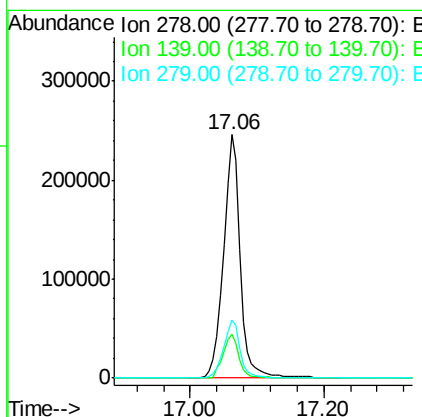
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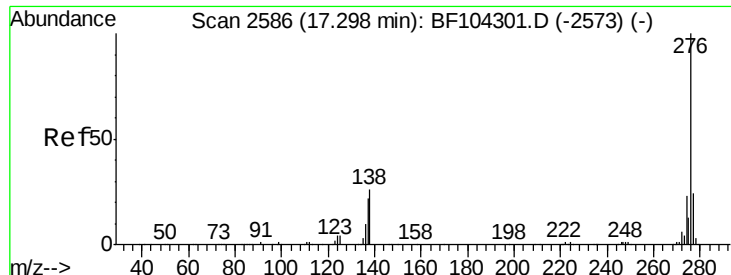
Sohil
5/4/2018 10:51:36 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.259 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF105078.D
Acq: 3 May 2018 17:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.438 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.04 min
 Lab File: BF105078.D
 Acq: 3 May 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108660BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
443940	276	100			
	277	22.5		17.9	26.9
	138	22.9		21.8	32.8

Manual Integrations
 APPROVED

Sohil
 5/4/2018 10:51:36 AM

