

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104805.D
 Acq On : 25 Apr 2018 22:35
 Operator : JU/SJ
 Sample : PB108548BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:14:51 PM

Quant Time: Apr 26 12:35:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	99087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	405619	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170796	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	246753	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185915	20.00	ng	0.00
86) Perylene-d12	15.45	264	143971	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	726668	112.14	ng	0.02
7) Phenol-d6	6.45	99	873158	109.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	546515	87.98	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	187833	106.02	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1007927	93.23	ng	0.00
78) Terphenyl-d14	12.92	244	700059	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	92141	30.515	ng	87
3) Pyridine	3.33	79	261158	30.762	ng	87
4) n-Nitrosodimethylamine	3.29	42	104847	35.330	ng	# 81
6) Aniline	6.46	93	159609	14.429	ng	# 1
8) 2-Chlorophenol	6.59	128	270776	39.589	ng	94
9) Benzaldehyde	6.35	77	112899	24.635	ng	95
10) Phenol	6.46	94	313605	37.121	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	244070	36.203	ng	93
12) 1,3-Dichlorobenzene	6.74	146	285880	36.894	ng	99
13) 1,4-Dichlorobenzene	6.82	146	290339	37.589	ng	99
14) 1,2-Dichlorobenzene	6.97	146	272523	38.073	ng	98
15) Benzyl Alcohol	6.95	79	221385	36.608	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	286584	31.654	ng	58
17) 2-Methylphenol	7.06	107	220926	37.159	ng	# 93
18) Hexachloroethane	7.31	117	78469	28.493	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	176849	33.990	ng	94
20) 3+4-Methylphenols	7.22	107	280621	38.057	ng	91
22) Acetophenone	7.21	105	365568	36.608	ng	99
24) Nitrobenzene	7.39	77	270803	39.486	ng	92
25) Isophorone	7.63	82	484040	36.849	ng	99
26) 2-Nitrophenol	7.70	139	139957	50.128	ng	95
27) 2,4-Dimethylphenol	7.75	122	236073	40.722	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	312861	38.955	ng	98
29) 2,4-Dichlorophenol	7.95	162	222677	40.257	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	232135	38.240	ng	97
31) Naphthalene	8.11	128	758916	37.574	ng	100
32) Benzoic acid	7.87	122	103348	22.343	ng	97
33) 4-Chloroaniline	8.16	127	83169	9.612	ng	95
34) Hexachlorobutadiene	8.22	225	127743	38.418	ng	99
35) Caprolactam	8.54	113	67525m	34.994	ng	
36) 4-Chloro-3-methylphenol	8.66	107	228659	38.552	ng	95
37) 2-Methylnaphthalene	8.80	142	496889	38.033	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	214638	43.901	ng	99
40) Hexachlorocyclopentadiene	8.95	237	17108	6.250	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	145329	42.820	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	149807	39.444	nq	92
45) 1,1'-Biphenyl	9.26	154	586259	40.860	nq	99
46) 2-Chloronaphthalene	9.29	162	455880	40.225	nq	100
47) 2-Nitroaniline	9.39	65	134147	47.864	nq	99
48) Acenaphthylene	9.71	152	656461	36.919	nq	100
49) Dimethylphthalate	9.56	163	553045	41.062	nq	99
50) 2,6-Dinitrotoluene	9.63	165	111215	44.625	nq	96
51) Acenaphthene	9.88	154	385111	35.497	nq	99
52) 3-Nitroaniline	9.80	138	70176	24.052	nq	97
53) 2,4-Dinitrophenol	9.92	184	18469	28.060	nq	# 19
54) Dibenzofuran	10.05	168	569884	37.693	nq	98
55) 4-Nitrophenol	9.98	139	146028	63.715	nq	98
56) 2,4-Dinitrotoluene	10.05	165	134087	41.017	nq	# 98
57) Fluorene	10.39	166	438694	39.864	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103526	36.537	nq	95
59) Diethylphthalate	10.26	149	515638	38.441	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	212730	43.405	nq	98
61) 4-Nitroaniline	10.42	138	91867	32.203	nq	98
62) Azobenzene	10.55	77	431087	33.638	nq	94
64) 4,6-Dinitro-2-methylphenol	10.45	198	18804	20.599	nq	86
65) n-Nitrosodiphenylamine	10.50	169	397176	46.423	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	121310	46.219	nq	92
67) Hexachlorobenzene	10.95	284	125718	42.569	nq	# 88
68) Atrazine	11.03	200	120041	46.483	nq	99
69) Pentachlorophenol	11.15	266	87431	47.853	nq	97
70) Phenanthrene	11.36	178	536674	39.055	nq	99
71) Anthracene	11.41	178	550850	39.435	nq	99
72) Carbazole	11.57	167	486451	35.639	nq	100
73) Di-n-butylphthalate	11.89	149	673098	40.369	nq	99
74) Fluoranthene	12.55	202	496100	34.554	nq	97
76) Benzidine	12.67	184	350863	66.238	nq	98
77) Pyrene	12.78	202	496370	36.019	nq	100
79) Butylbenzylphthalate	13.39	149	233373	35.946	nq	99
80) Benzo(a)anthracene	13.97	228	470147	42.330	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	162741	39.298	nq	98
82) Chrysene	14.01	228	441979	38.742	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	327087	39.169	nq	99
84) Di-n-octyl phthalate	14.57	149	571366	40.949	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	301534	31.114	nq	95
87) Benzo(b)fluoranthene	15.03	252	392404	43.155	nq	99
88) Benzo(k)fluoranthene	15.06	252	368409m	42.915	nq	
89) Benzo(a)pyrene	15.39	252	332786	40.903	nq	100
90) Dibenzo(a,h)anthracene	16.93	278	261685	39.162	nq	96
91) Benzo(g,h,i)perylene	17.36	276	245240	37.882	nq	94

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



#1

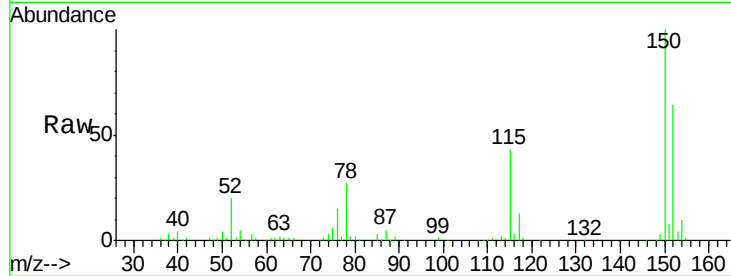
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

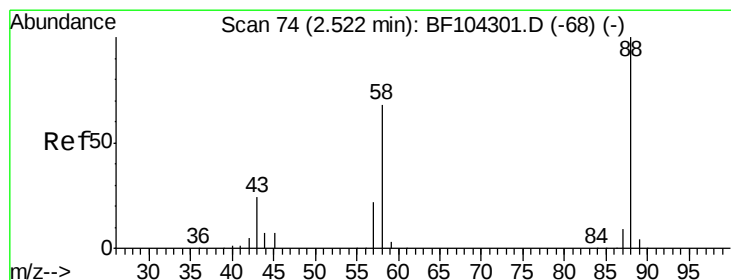
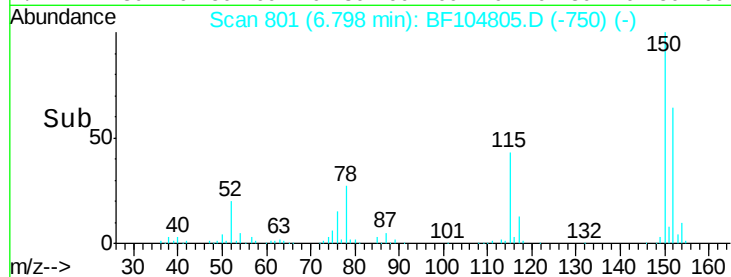
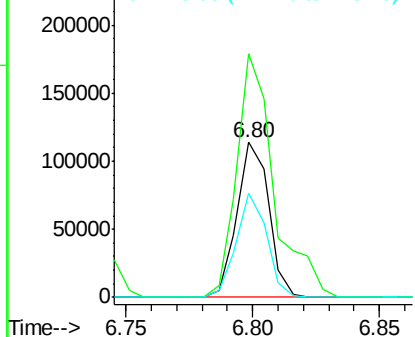
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	66.9	50.1	75.1

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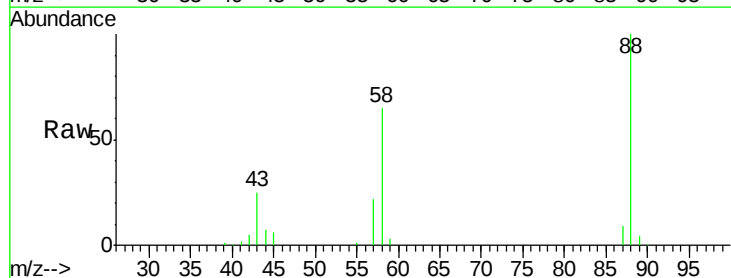
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



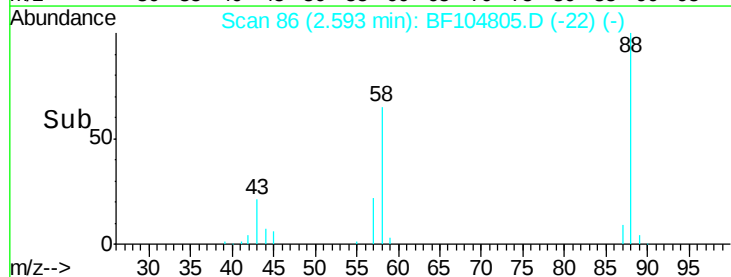
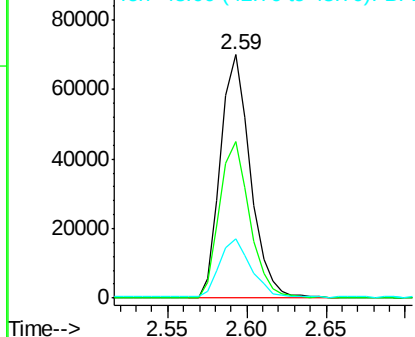
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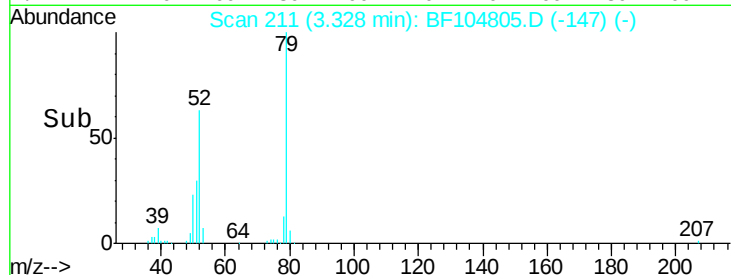
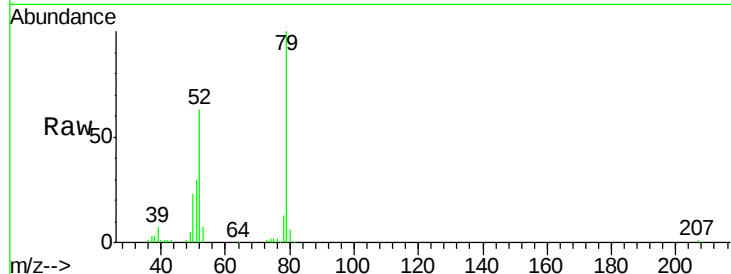
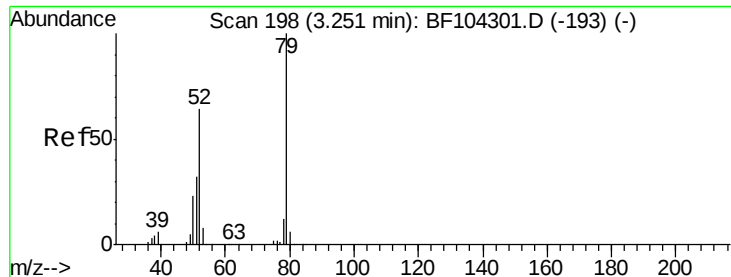
1,4-Dioxane
Concen: 30.515 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	62.6	93.8
43	26.6	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





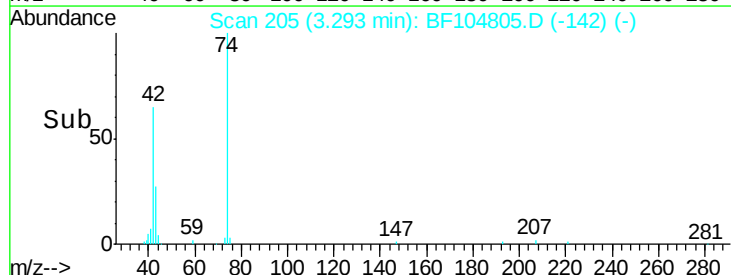
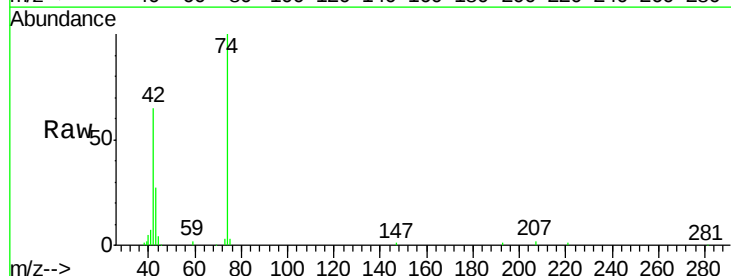
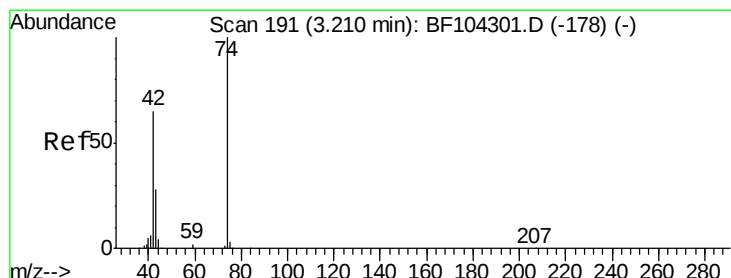
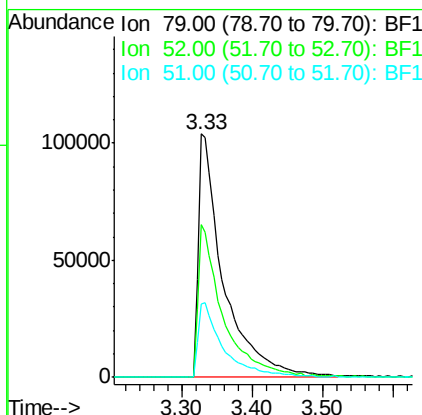
#3
 Pvridine
 Concen: 30.762 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.08 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tot Ion:	79	Resp:	261158
Ion Ratio	Lower	Upper	
79	100		
52	62.9	59.8	89.6
51	30.1	29.8	44.8

Instrument :
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 ClientSampled :
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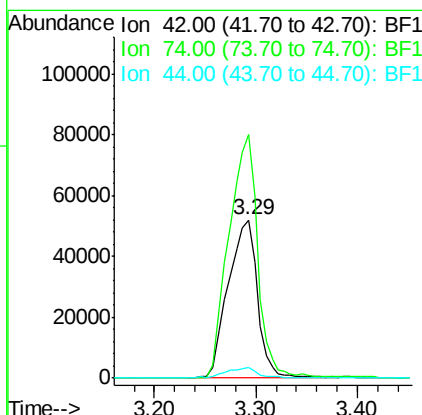
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#4
 n-Nitrosodimethylamine
 Concen: 35.330 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.07 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:	42	Resp:	104847
Ion Ratio	Lower	Upper	
42	100		
74	154.1	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 112.135 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

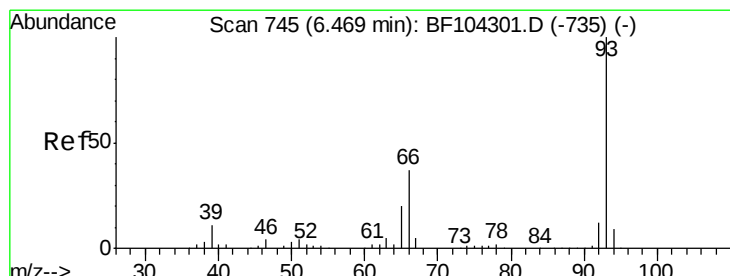
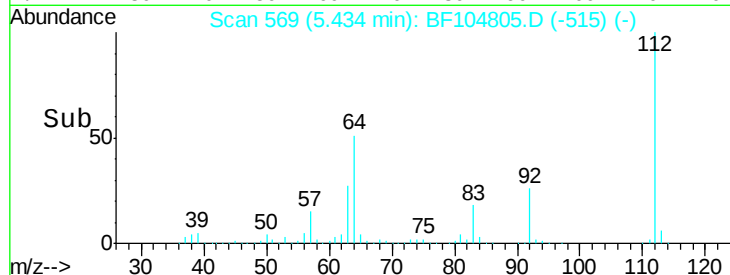
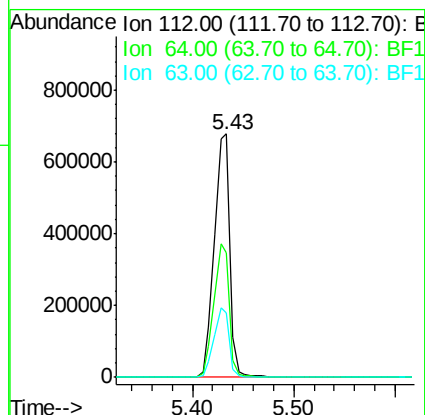
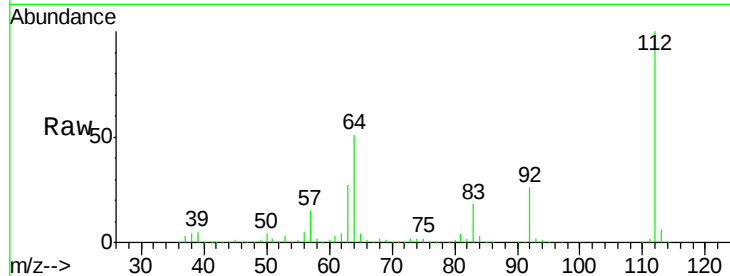
ClientSampled :

PB108548BS

Tot Ion:	112	Resp:	726668
Ion Ratio	Lower	Upper	
112	100		
64	51.2	47.9	71.9
63	26.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 14.429 ng

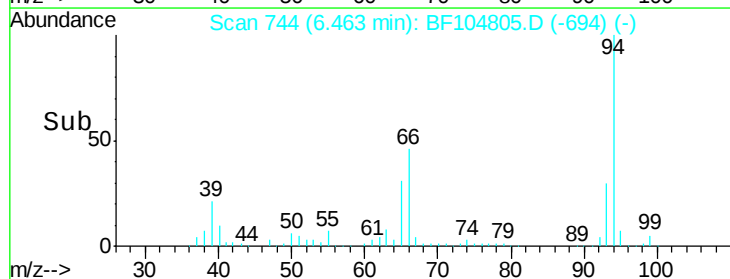
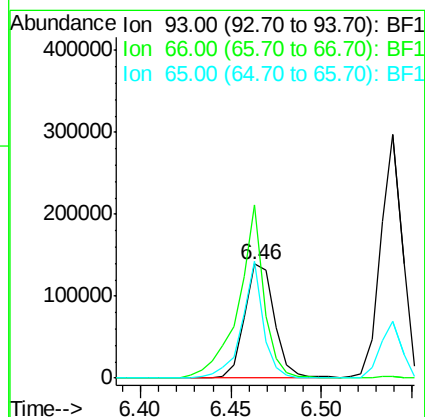
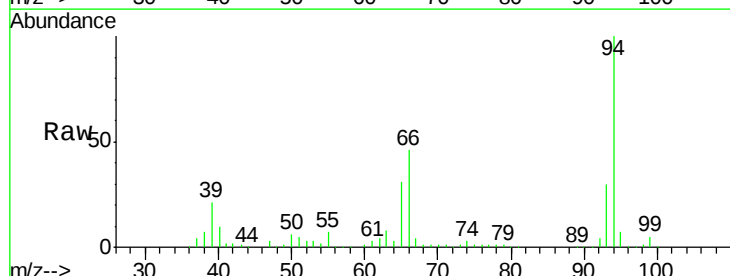
RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	93	Resp:	159609
Ion Ratio	Lower	Upper	
93	100		
66	152.6	32.2	48.2#
65	102.9	16.4	24.6#





#7

Phenol-d6

Concen: 109.664 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

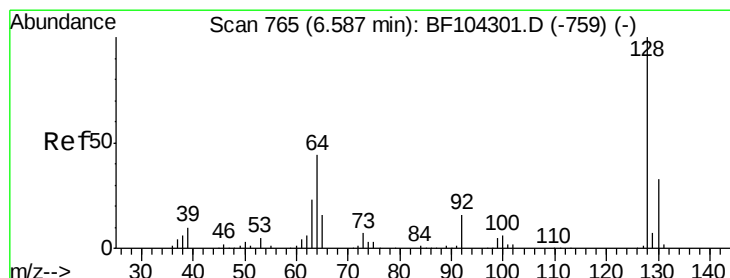
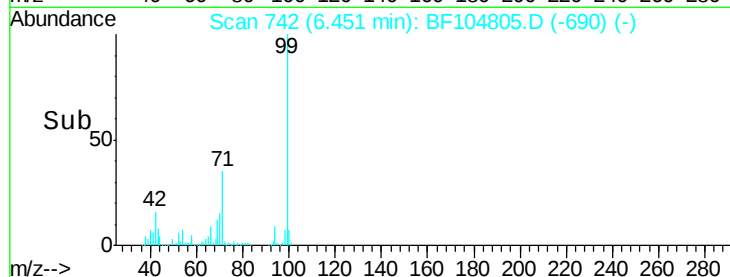
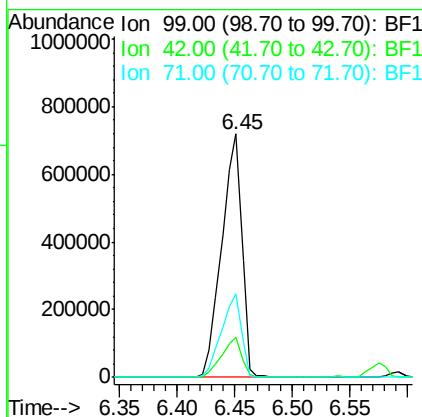
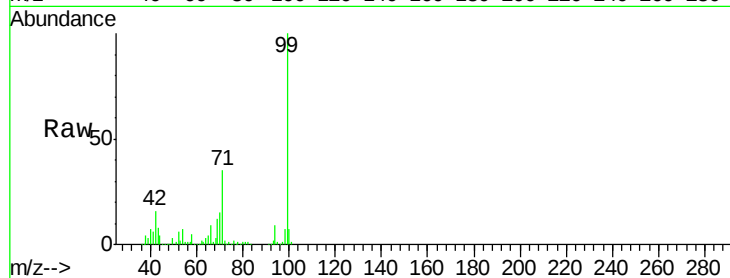
ClientSampleId :

PB108548BS

Tot Ion:	99	Resp:	873158
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	34.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.589 ng

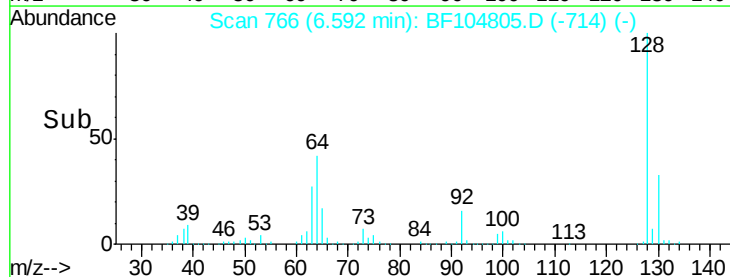
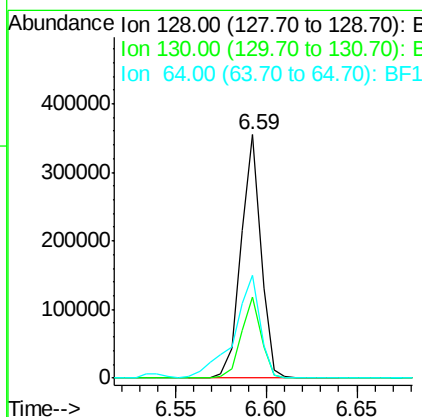
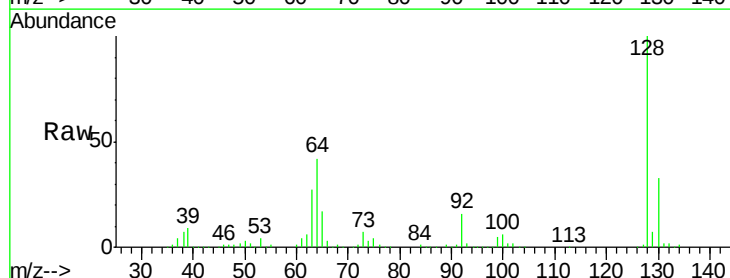
RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	128	Resp:	270776
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	42.4	29.4	69.4





#9

Benzaldehyde

Concen: 24.635 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

PB108548BS

Tot Ion: 77 Resp: 112899

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

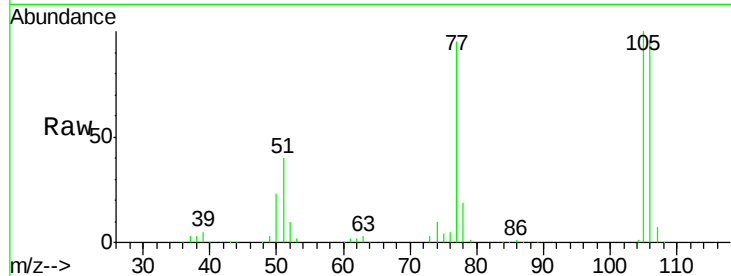
106 100.6 74.5 114.5

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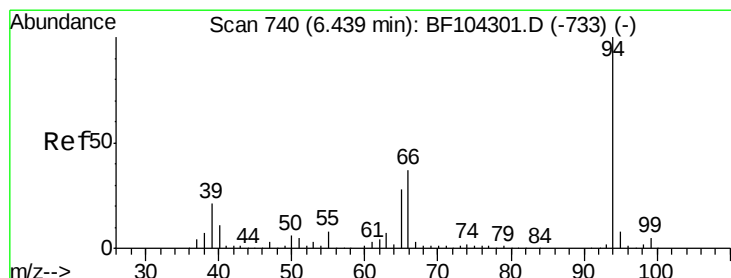
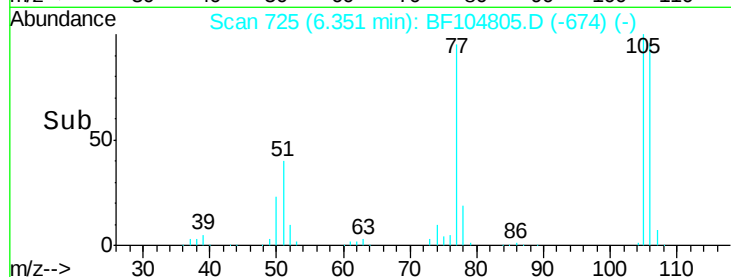
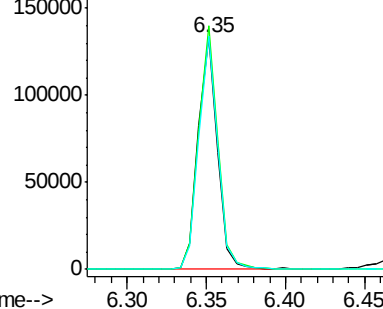
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.121 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

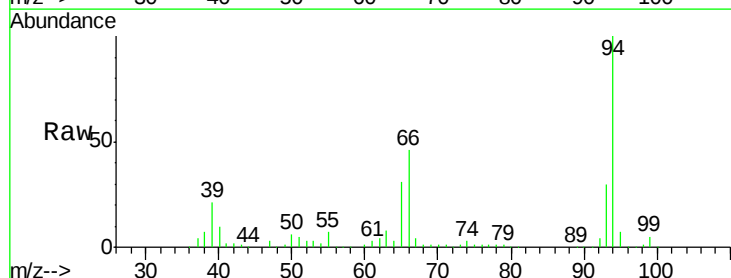
Tgt Ion: 94 Resp: 313605

Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

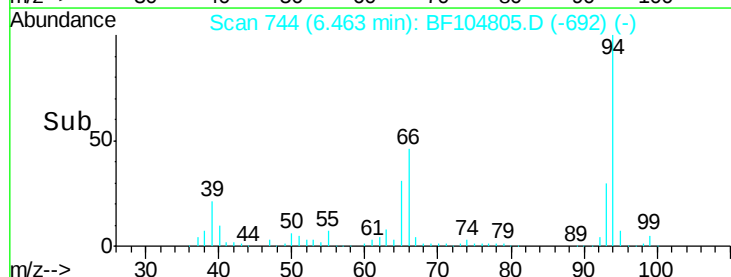
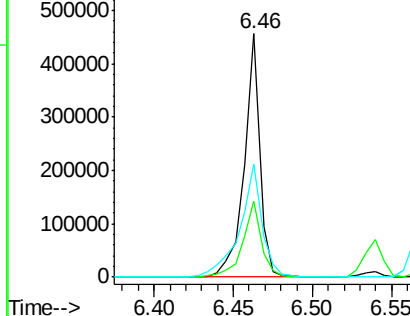
66 46.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





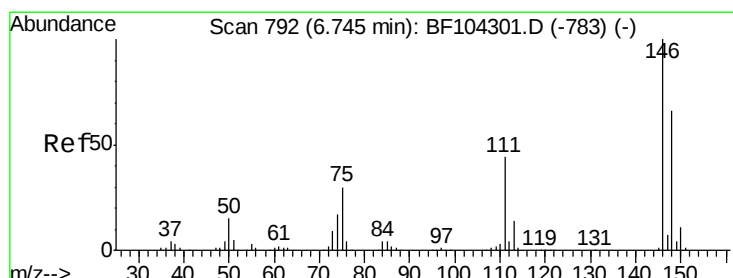
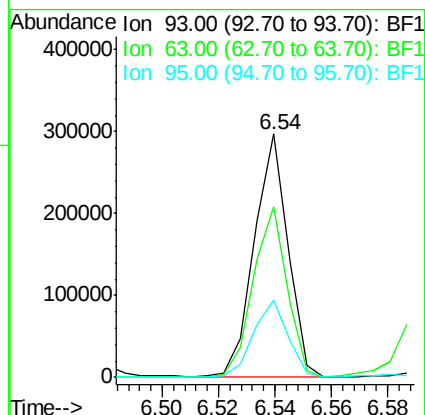
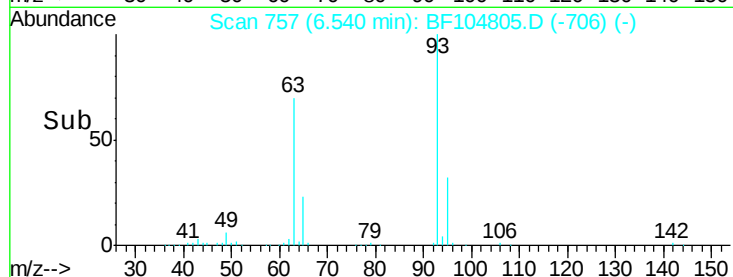
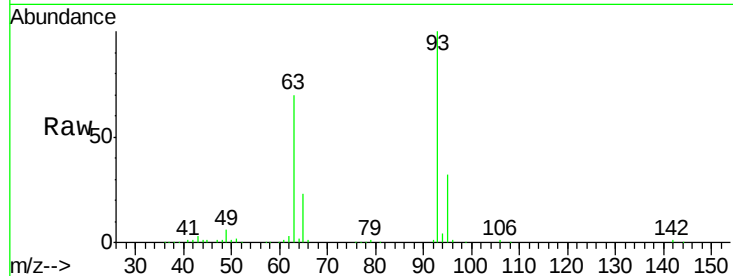
#11
bis(2-Chloroethyl)ether
Concen: 36.203 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion:	93	Resp:	244070
Ion Ratio	Lower	Upper	
93	100		
63	70.3	58.6	98.6
95	31.9	11.8	51.8

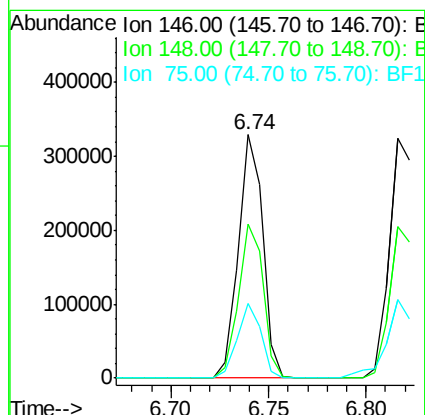
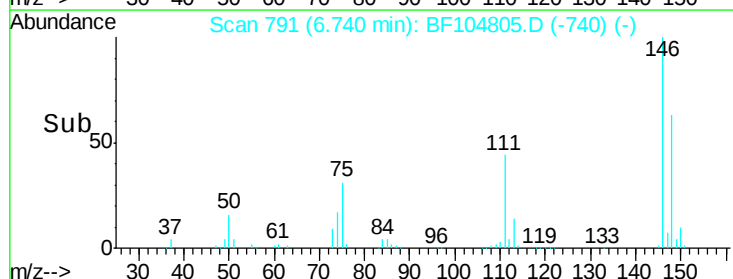
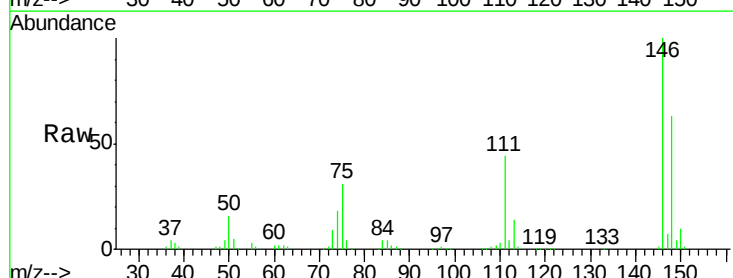
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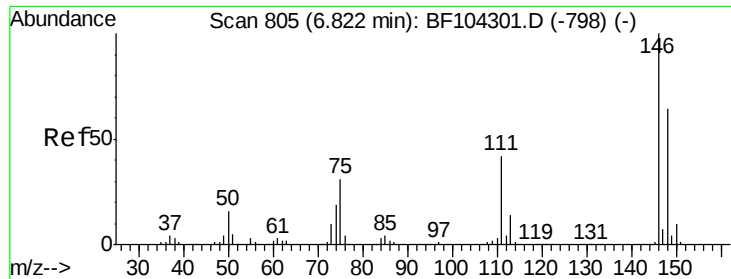
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.894 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:	146	Resp:	285880
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
75	30.6	24.2	36.4





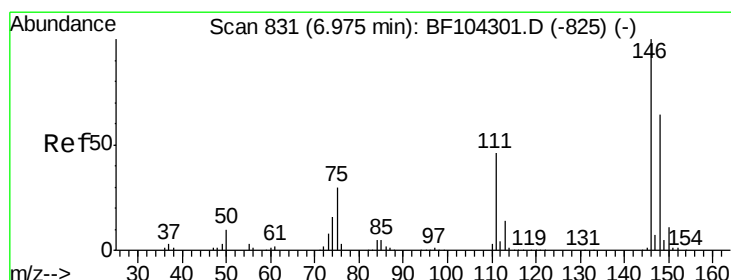
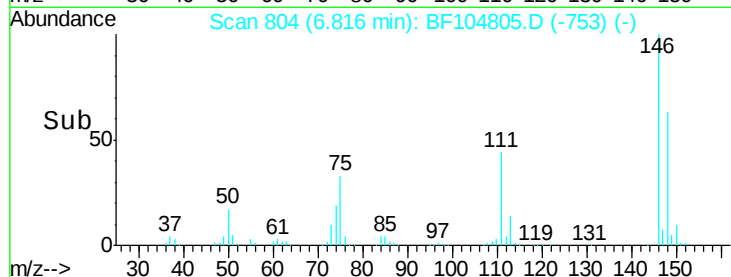
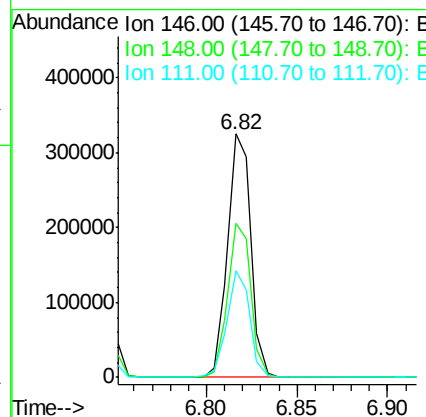
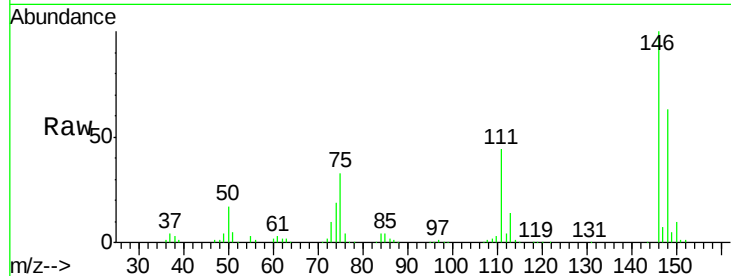
#13
 1,4-Dichlorobenzene
 Concen: 37.589 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.6	34.2	51.2

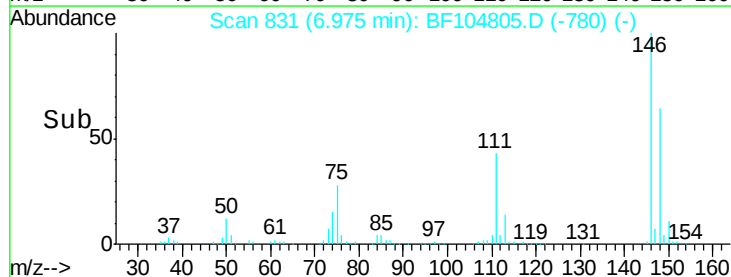
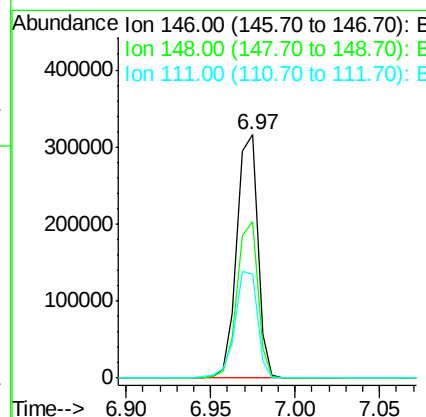
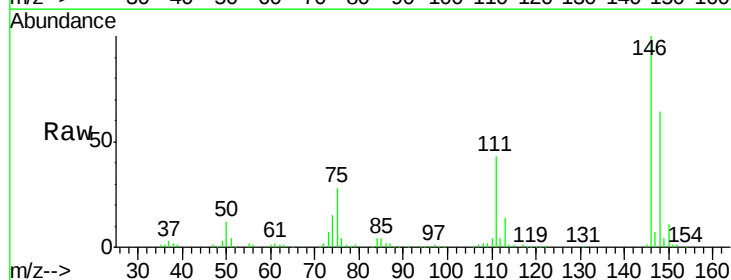
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#14
 1,2-Dichlorobenzene
 Concen: 38.073 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	42.8	36.0	54.0





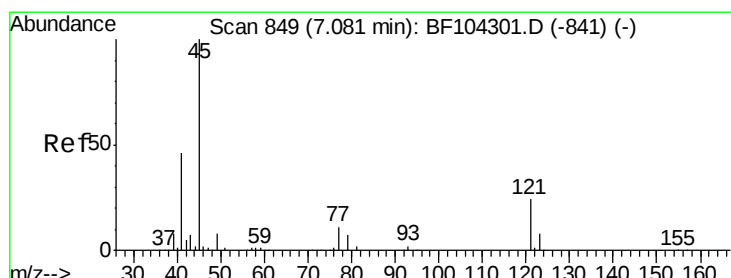
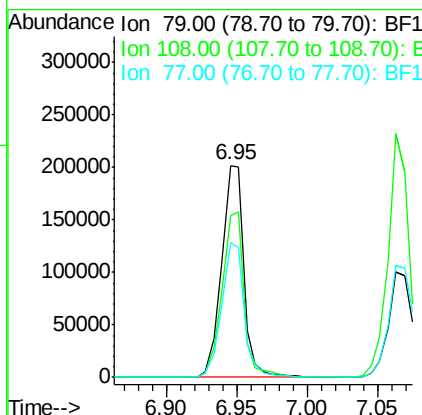
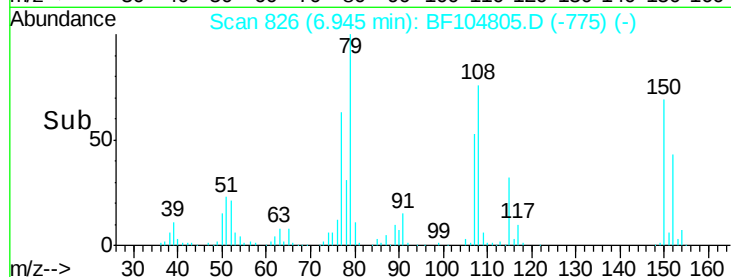
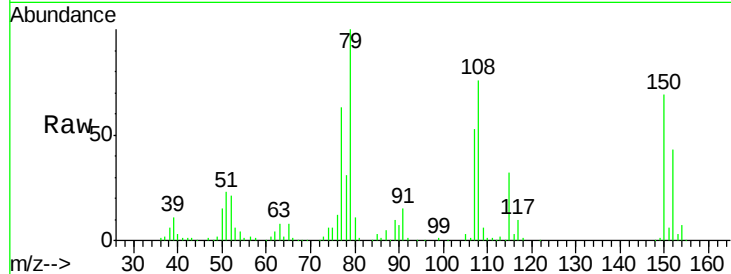
#15
Benzyl Alcohol
Concen: 36.608 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion:	79	Resp:	221385
Ion Ratio	Lower	Upper	
79	100		
108	76.2	65.1	97.7
77	63.4	50.6	75.8

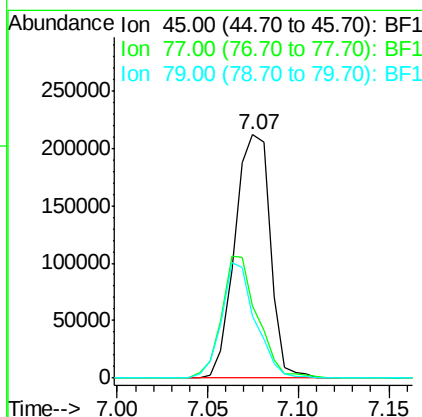
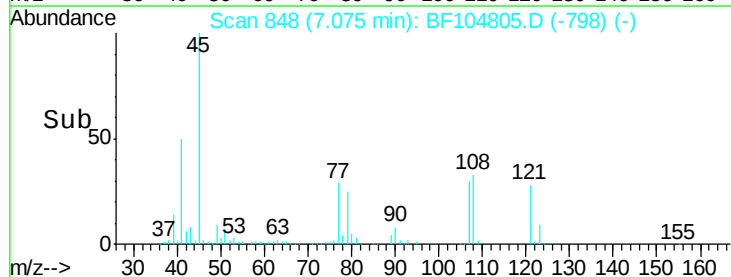
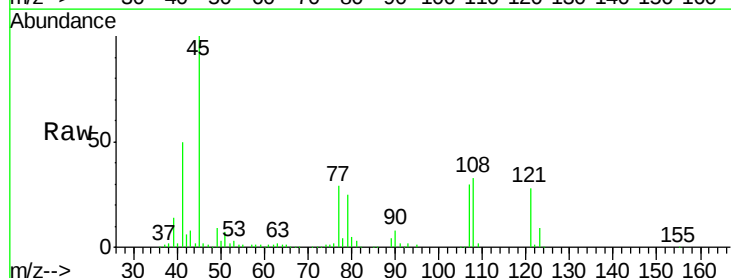
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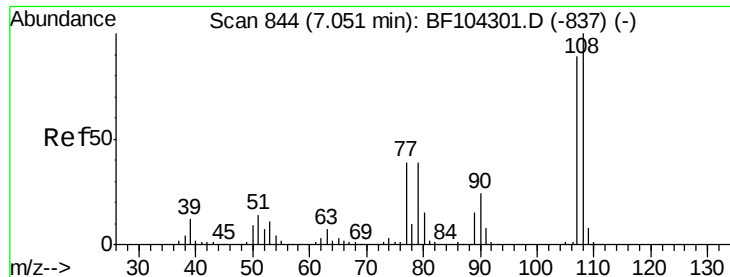
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.654 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion:	45	Resp:	286584
Ion Ratio	Lower	Upper	
45	100		
77	29.5	0.0	32.9
79	25.2	0.0	29.6





#17

2-Methylphenol

Concen: 37.159 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

PB108548BS

Tot Ion:107 Resp: 220926

Ion Ratio Lower Upper

107 100

108 111.6 91.7 137.5

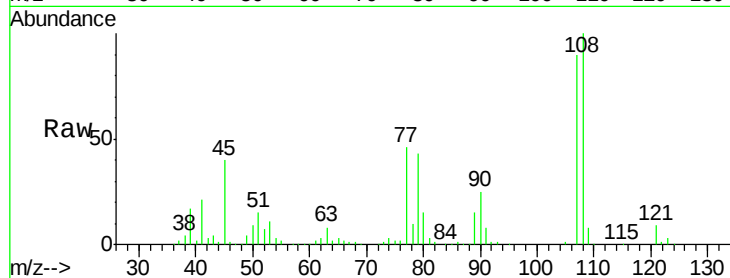
77 51.1 33.8 50.8#

79 48.4 33.8 50.8

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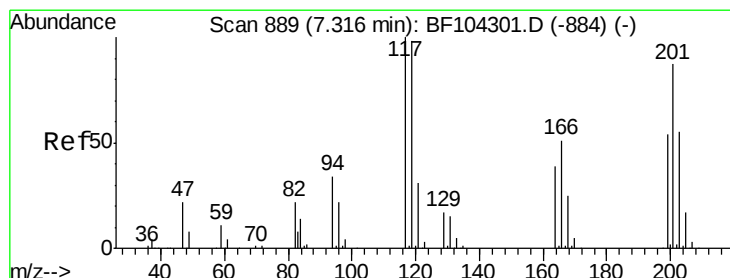
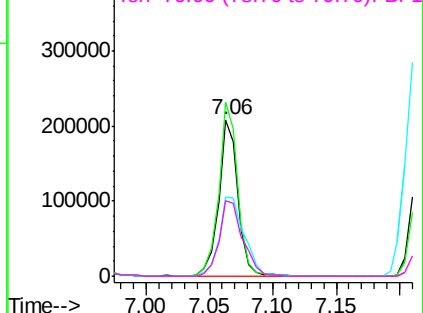
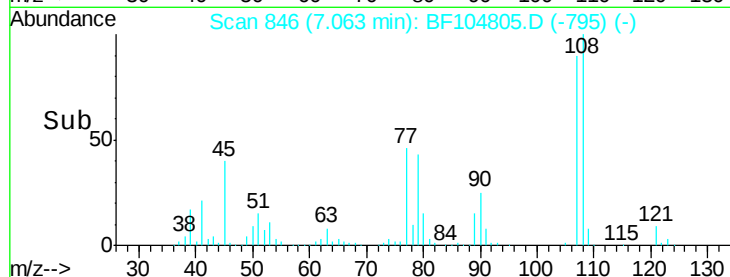


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.493 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

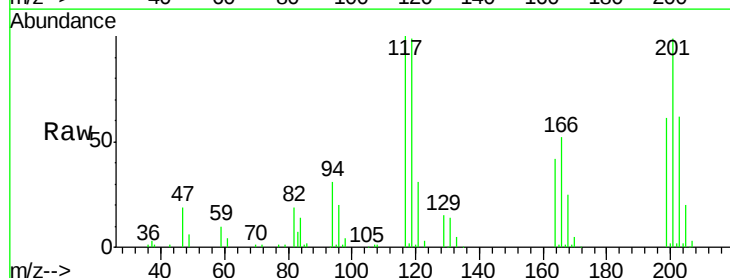
Tgt Ion:117 Resp: 78469

Ion Ratio Lower Upper

117 100

119 99.2 75.8 113.8

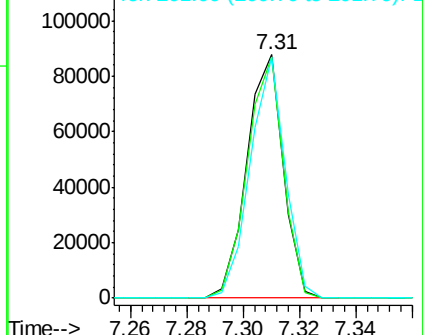
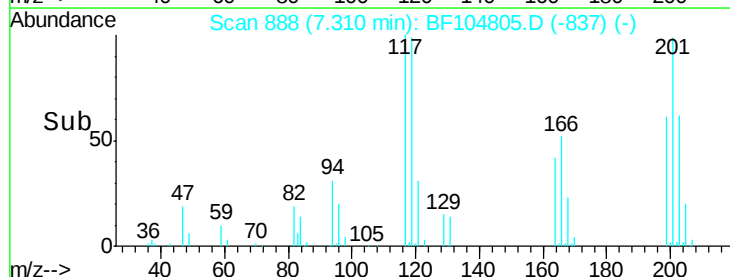
201 98.8 75.7 113.5

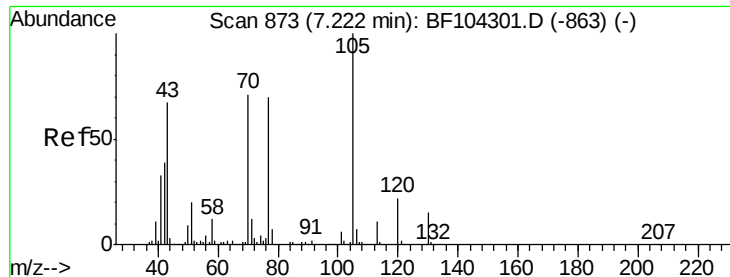


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





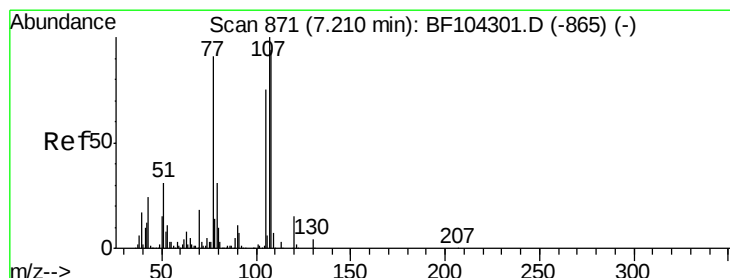
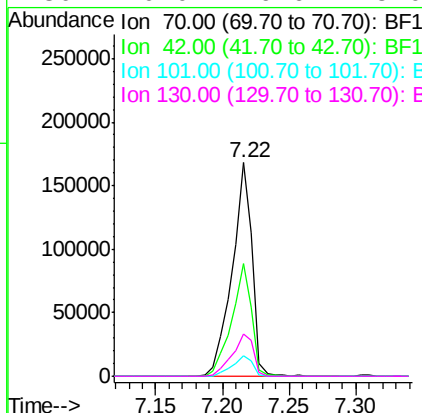
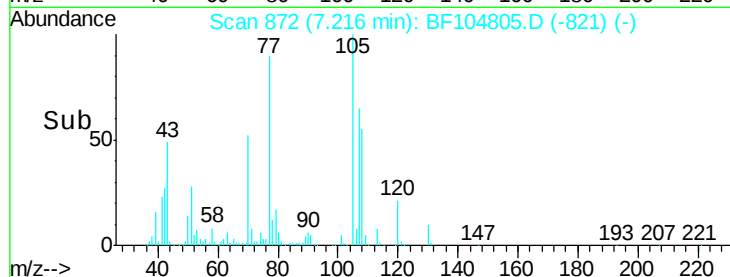
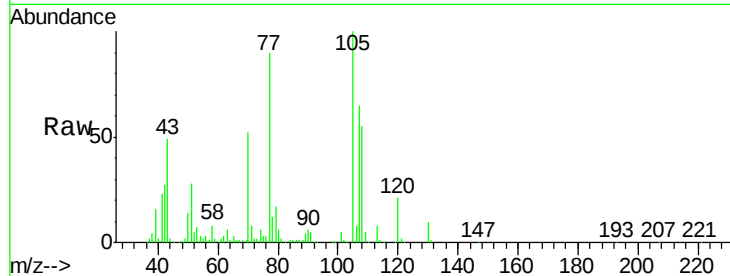
#19
n-Nitroso-di-n-propylamine
Concen: 33.990 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		176849		
42	52.7		47.5	71.3	
101	9.5		7.4	11.2	
130	20.0		16.6	25.0	

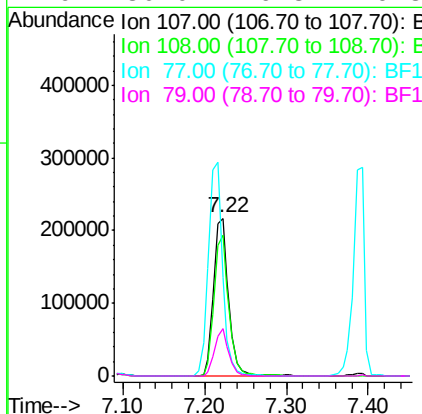
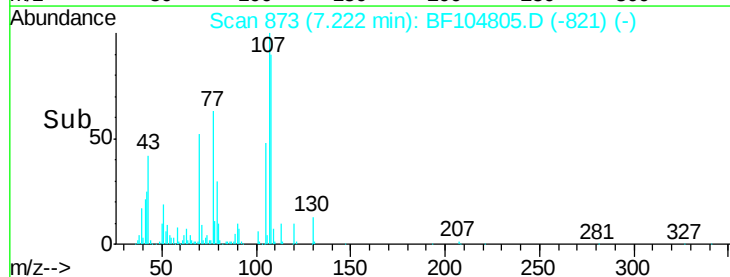
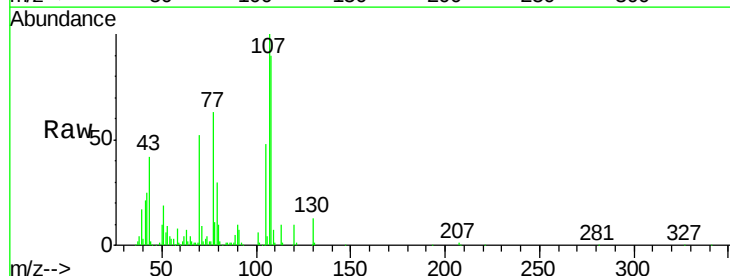
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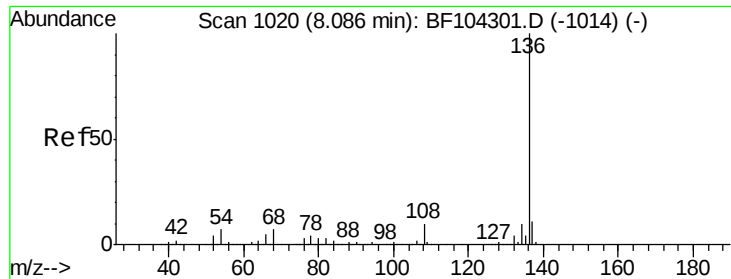
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#20
3+4-Methylphenols
Concen: 38.057 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		280621		
108	89.7		68.2	108.2	
77	62.8		26.7	66.7	
79	30.0		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

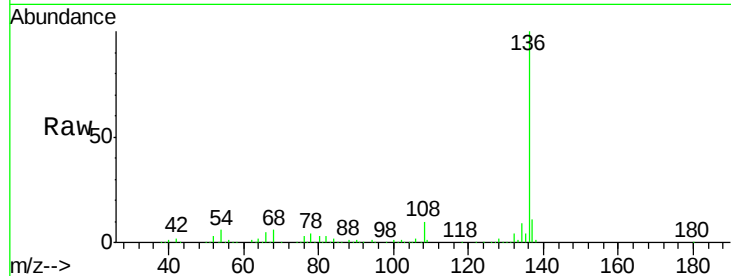
ClientSampleId :

PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.1	6.6	9.8	
68	5.6	5.0	7.4	

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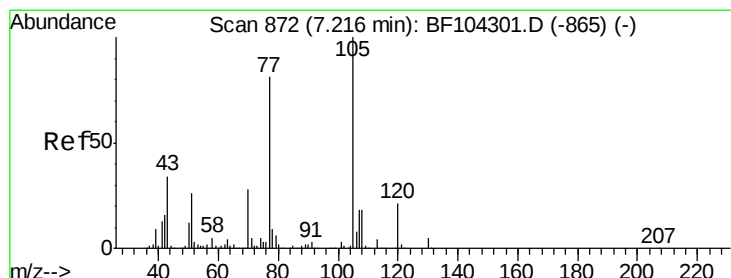
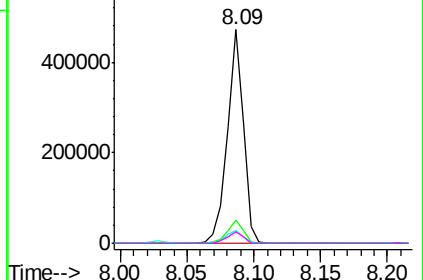
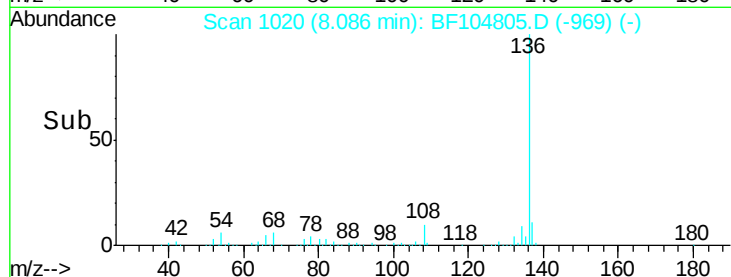


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 36.608 ng

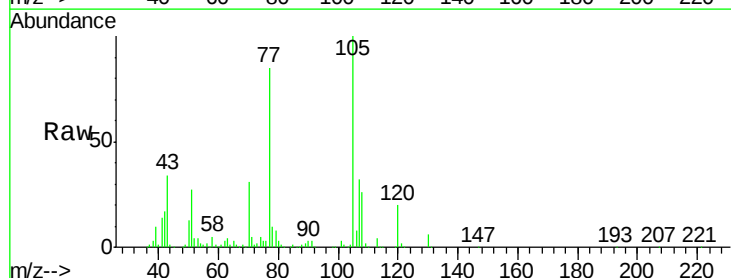
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	4.4	6.6	
51	27.2	22.3	33.5	
120	20.3	16.9	25.3	

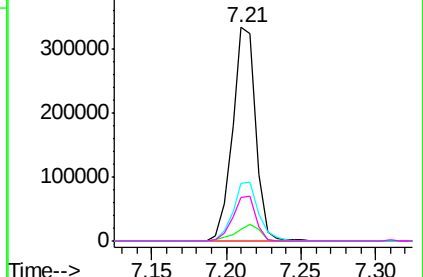
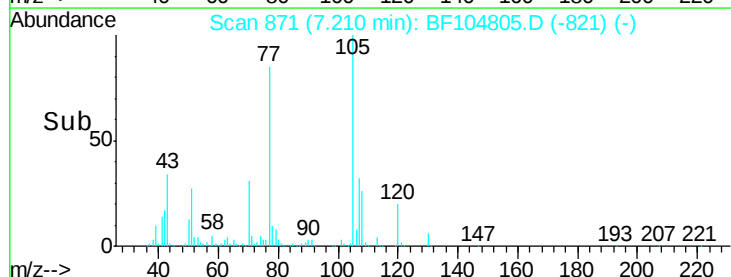


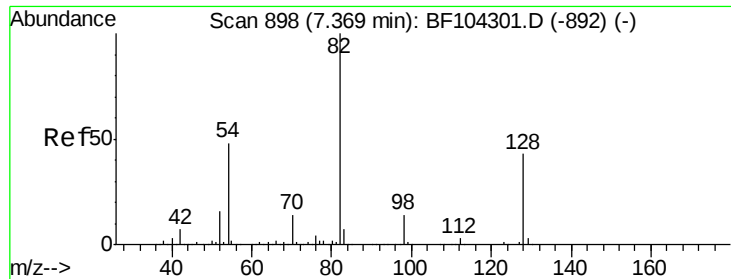
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





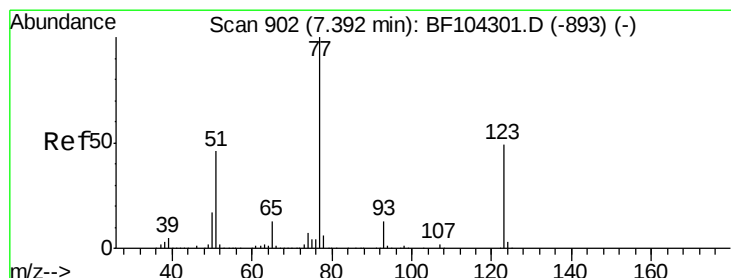
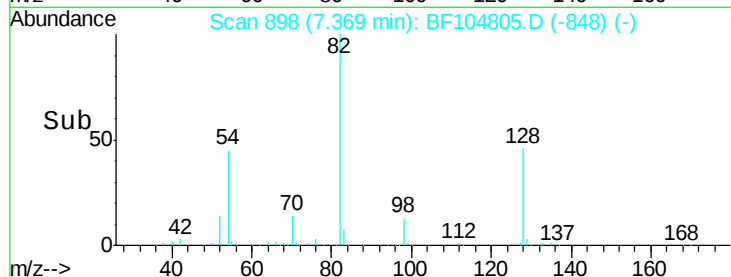
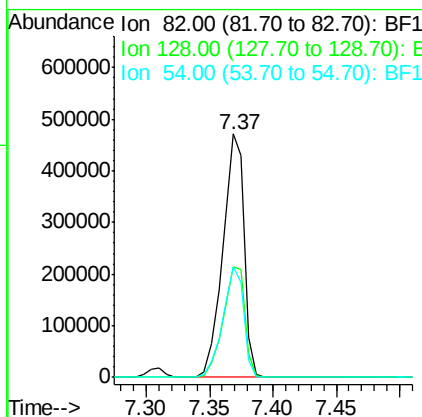
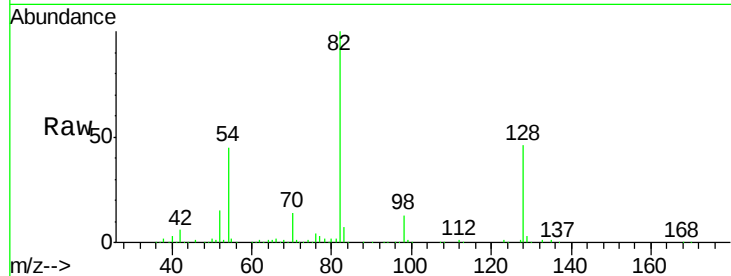
#23
 Nitrobenzene-d5
 Concen: 87.980 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	546515		
128	45.6	36.1	54.1	
54	45.3	41.4	62.2	

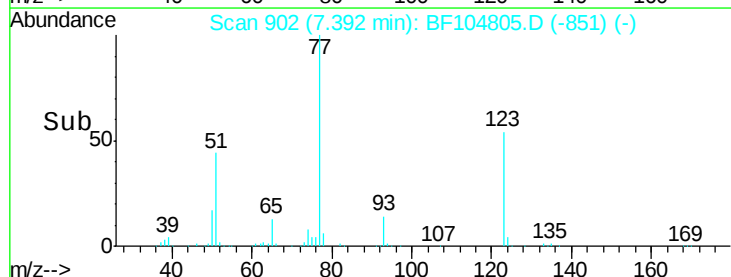
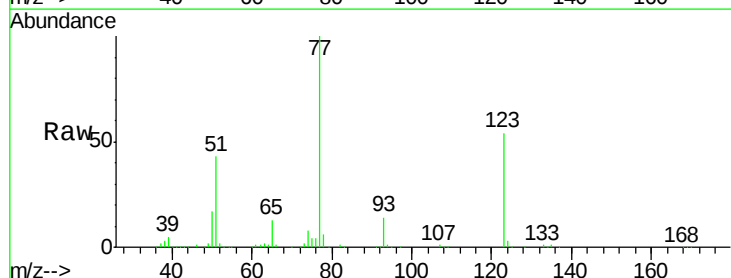
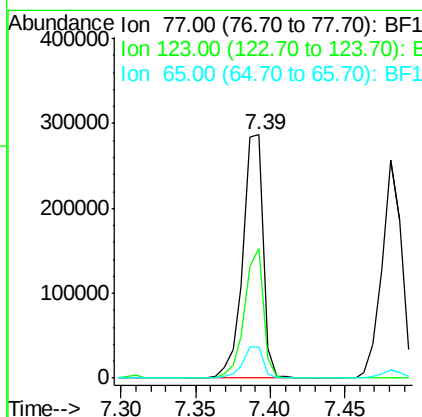
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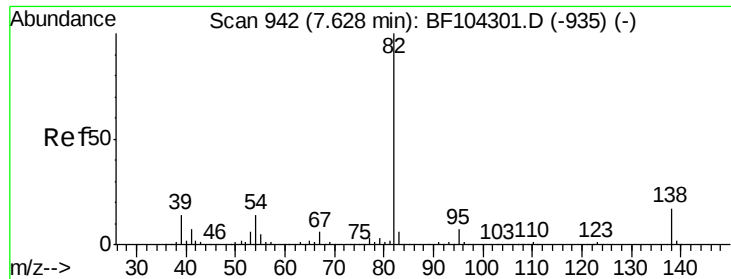
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#24
 Nitrobenzene
 Concen: 39.486 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	270803		
123	53.5	37.9	56.9	
65	12.8	11.0	16.4	





#25

Isophorone

Concen: 36.849 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

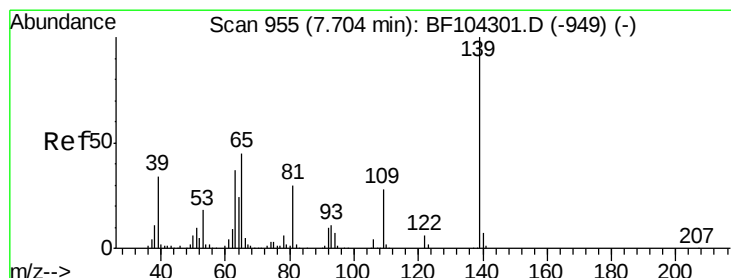
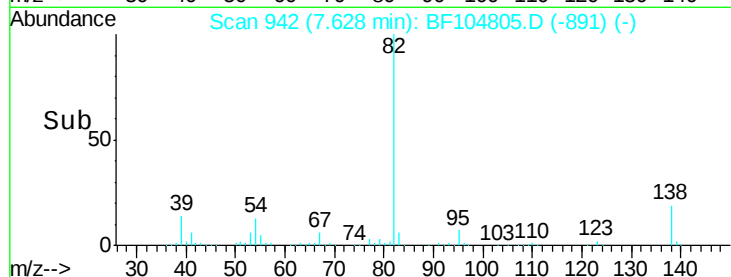
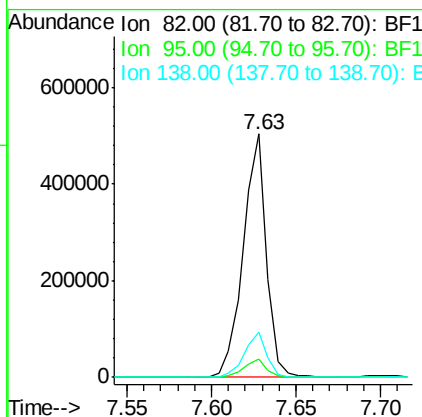
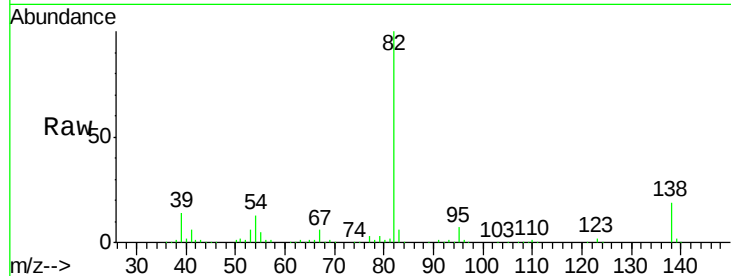
ClientSampleId :

PB108548BS

Tot Ion:	82	Resp:	484040
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 50.128 ng

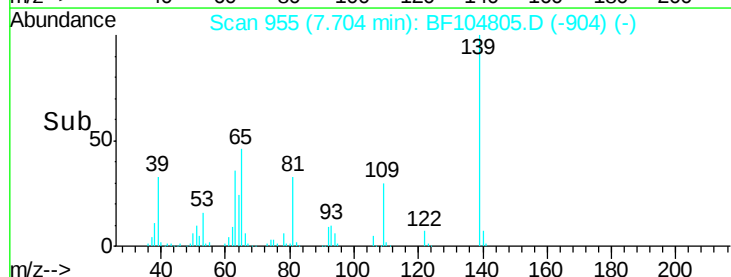
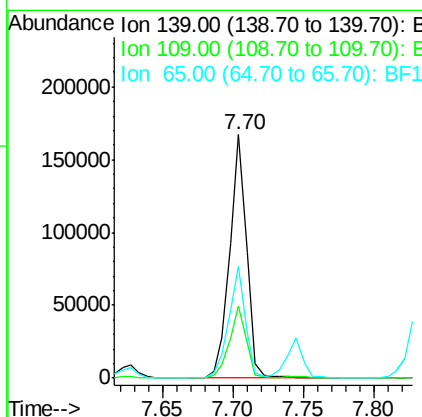
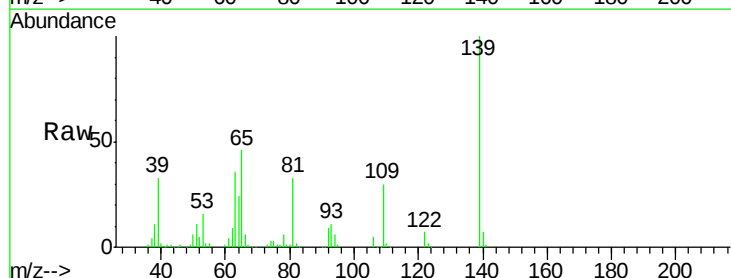
RT: 7.70 min Scan# 955

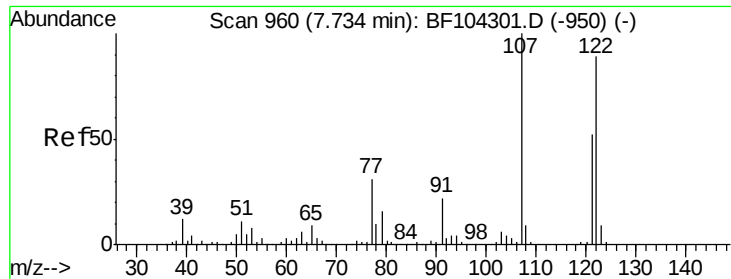
Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	139	Resp:	139957
Ion Ratio	Lower	Upper	
139	100		
109	29.5	22.7	34.1
65	46.0	40.5	60.7





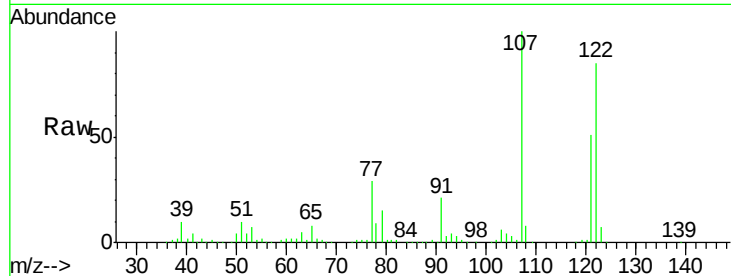
#27
2,4-Dimethylphenol
Concen: 40.722 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

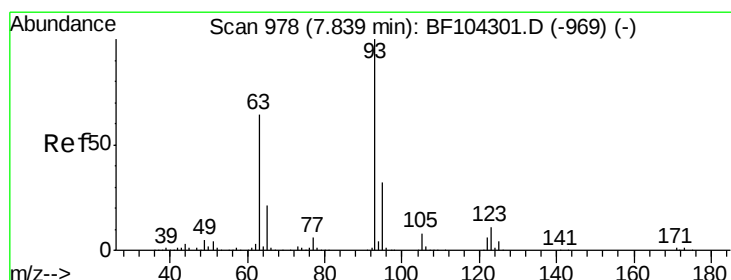
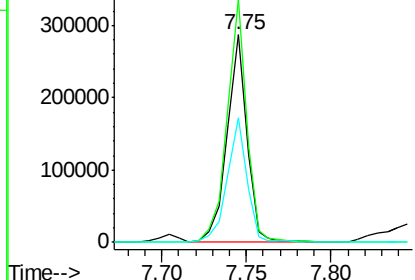
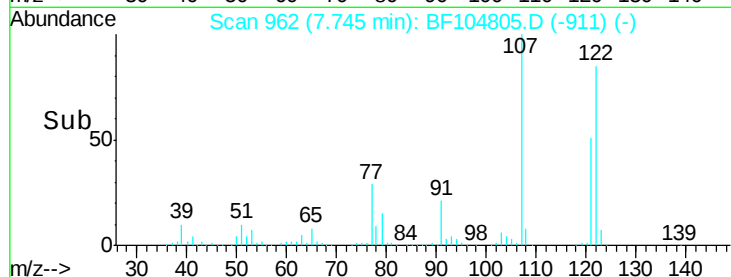
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		236073		
107	117.4	91.2	136.8		
121	59.8	47.2	70.8		

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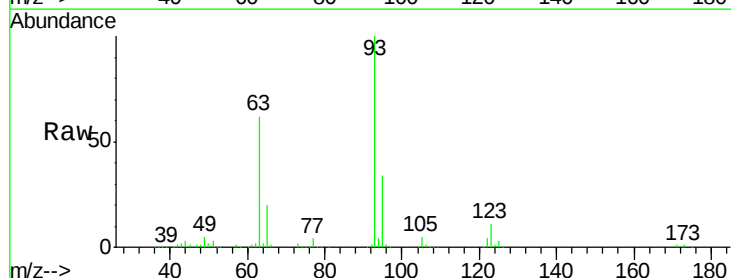


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

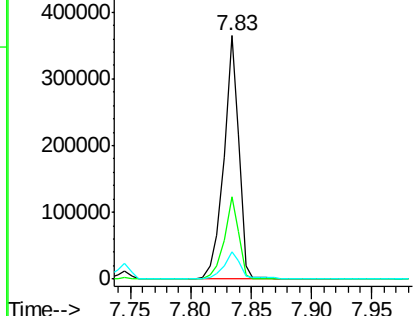
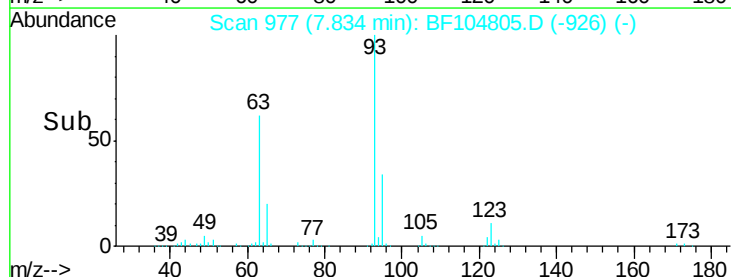


#28
bis(2-Chloroethoxy)methane
Concen: 38.955 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		312861		
95	33.6	26.3	39.5		
123	11.0	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





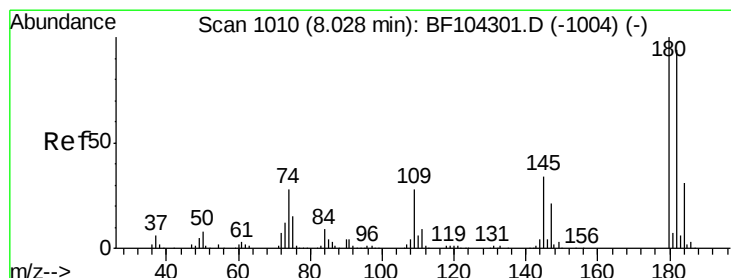
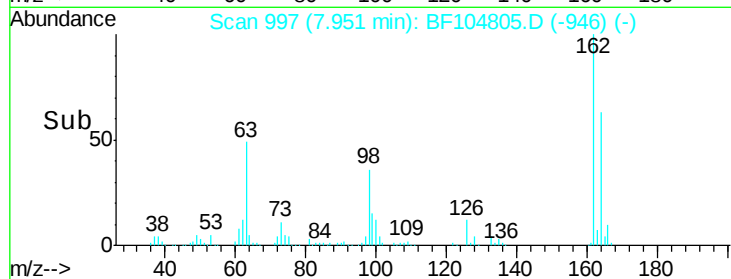
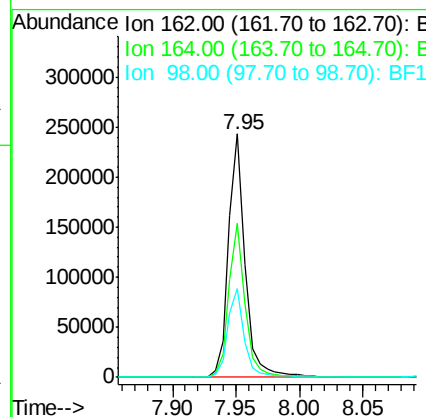
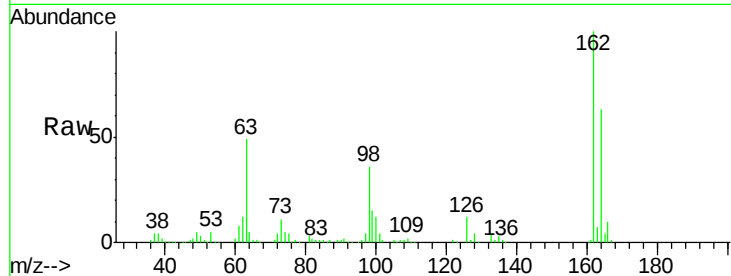
#29
2,4-Dichlorophenol
Concen: 40.257 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	222677		
164	63.1	42.7	82.7	
98	36.5	18.1	58.1	

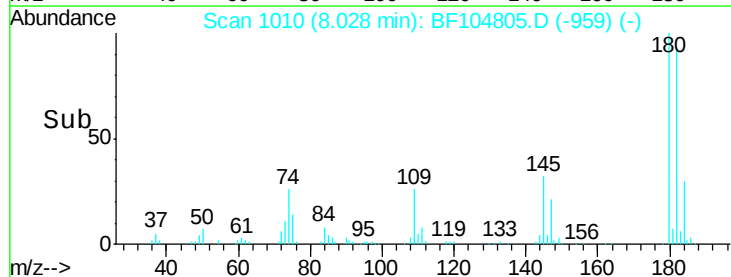
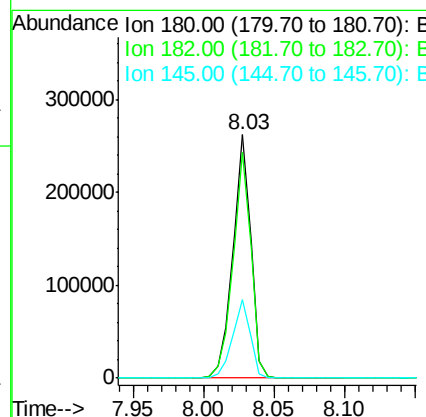
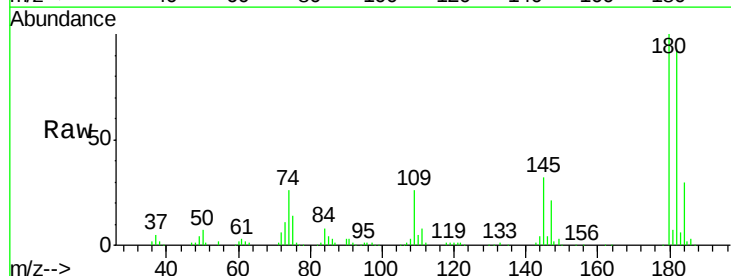
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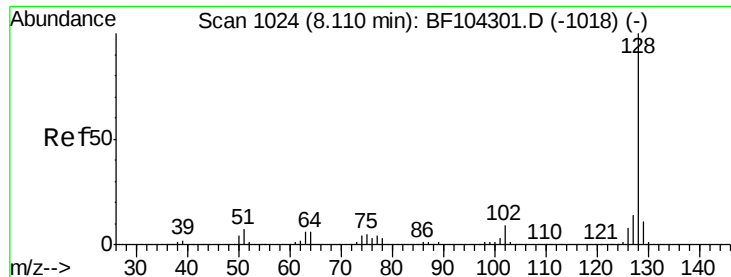
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#30
1,2,4-Trichlorobenzene
Concen: 38.240 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232135		
182	92.9	76.8	115.2	
145	32.0	26.5	39.7	





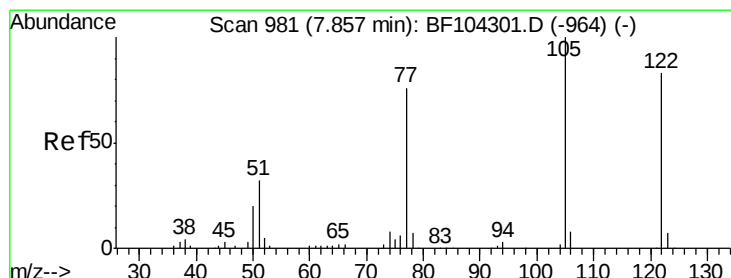
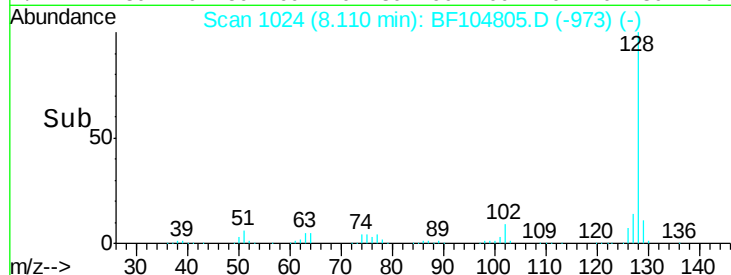
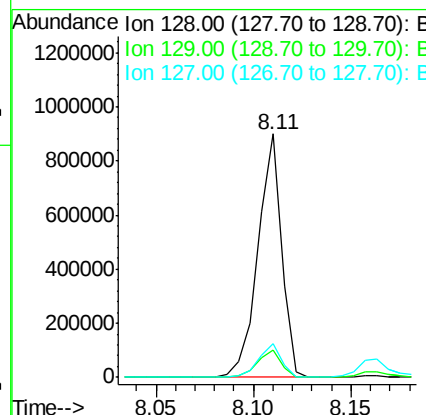
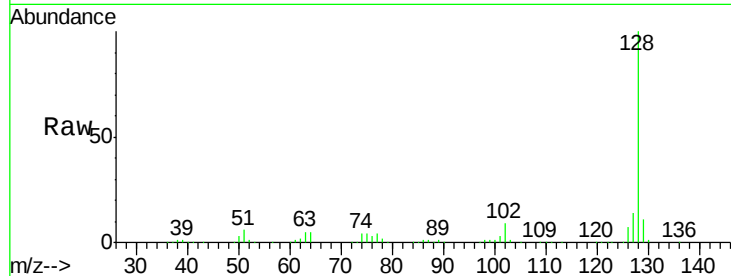
#31
Naphthalene
Concen: 37.574 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

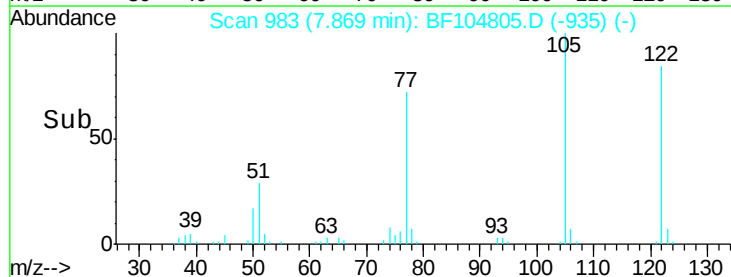
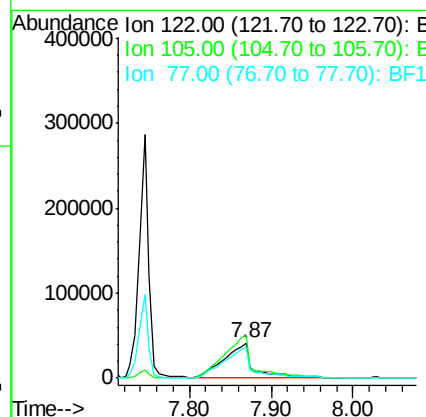
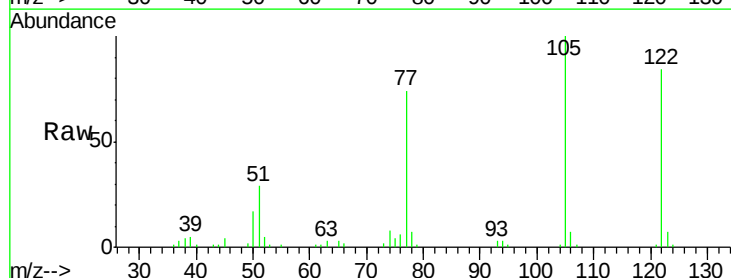
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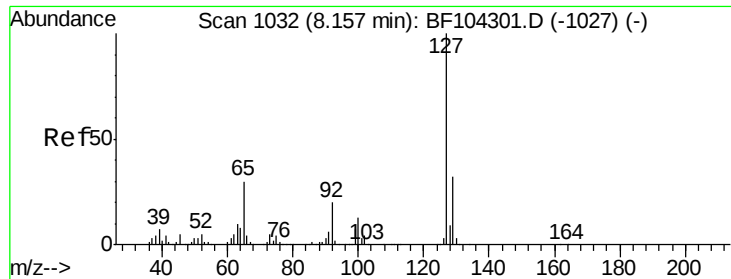
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#32
Benzoic acid
Concen: 22.343 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.9	101.1	141.1
77	87.5	70.7	110.7





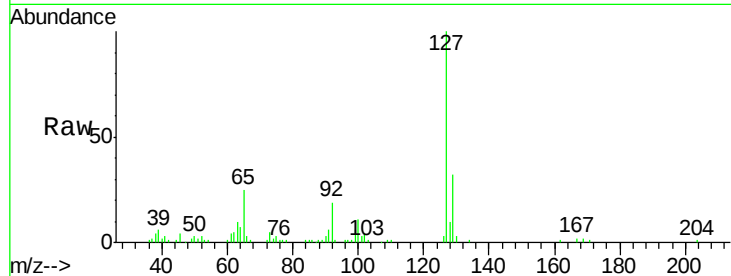
#33
4-Chloroaniline
Concen: 9.612 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

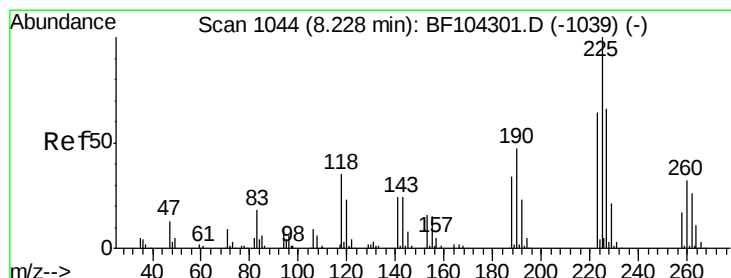
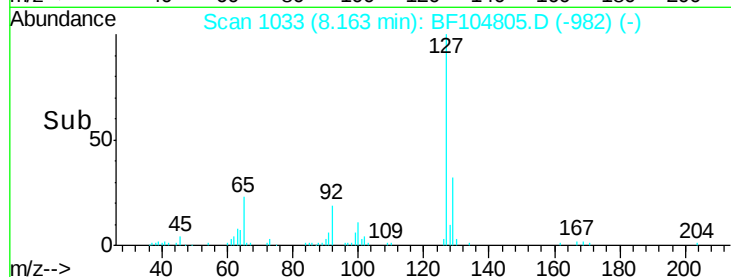
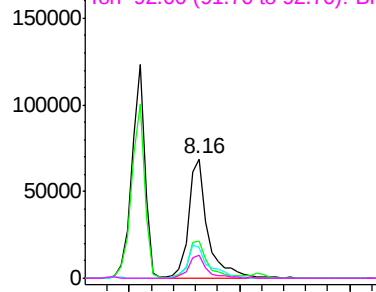
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		83169		
129	31.7	25.9	38.9		
65	25.5	25.0	37.4		
92	19.4	15.2	22.8		

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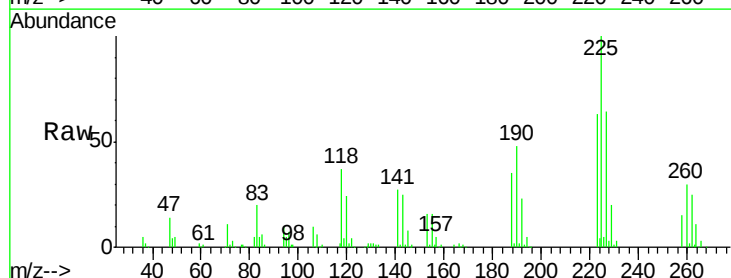


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

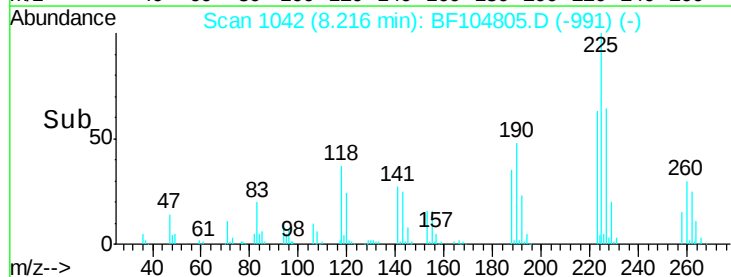
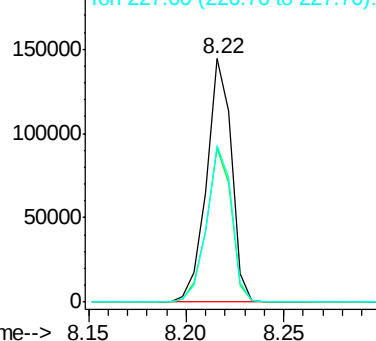


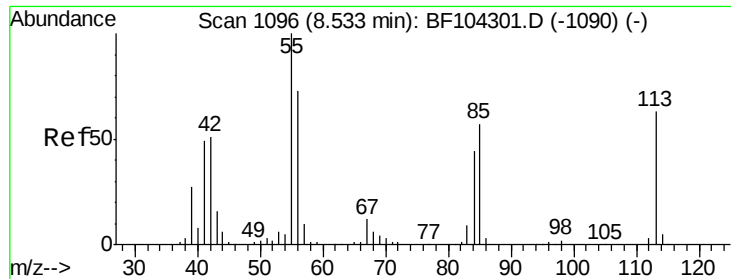
#34
Hexachlorobutadiene
Concen: 38.418 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		127743		
223	63.2	50.6	76.0		
227	64.2	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





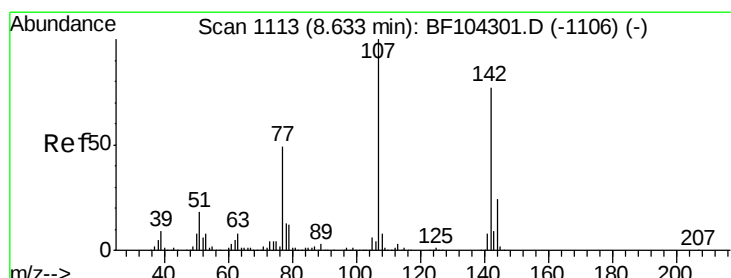
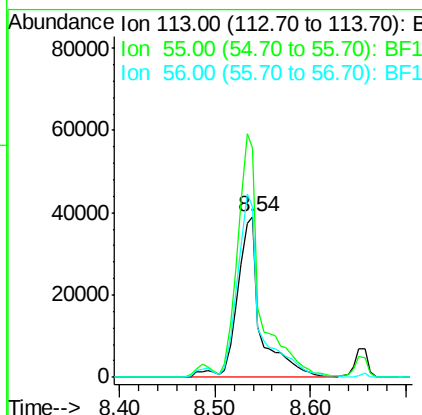
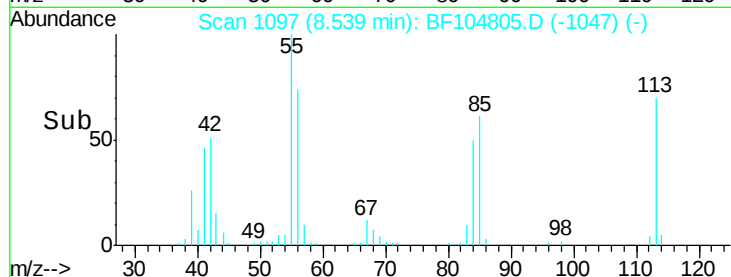
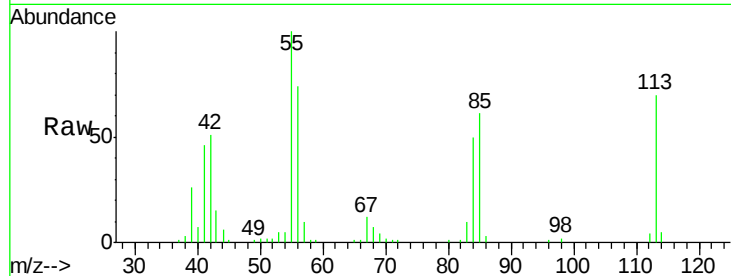
#35
 Caprolactam
 Concen: 34.994 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleID :
 PB108548BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.6	163.3	203.3#
56	106.2	115.7	155.7#

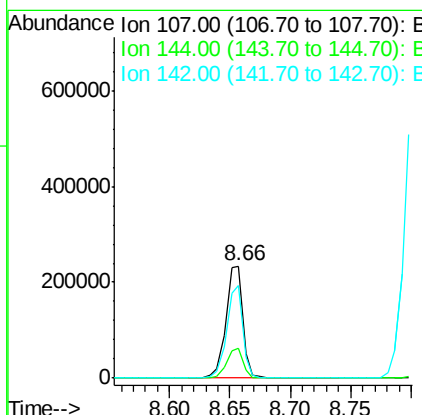
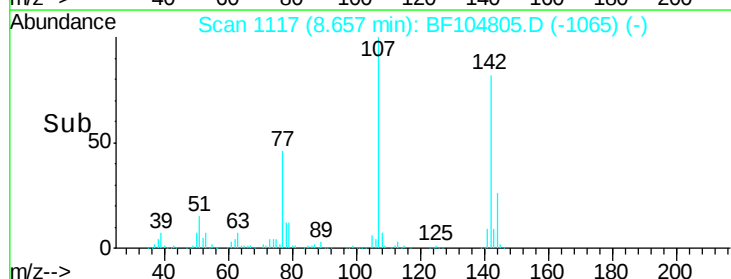
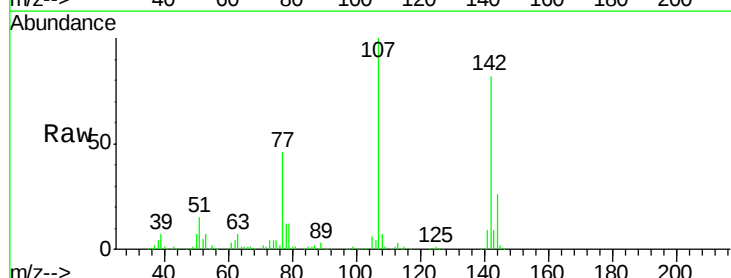
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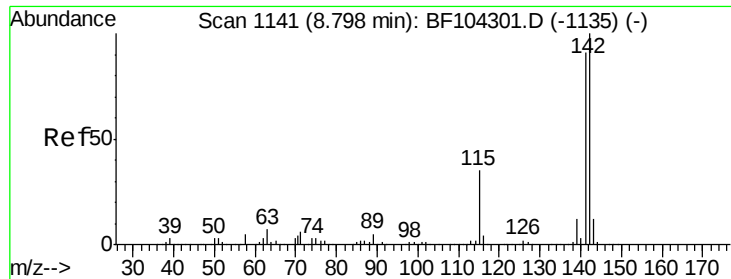
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#36
 4-Chloro-3-methylphenol
 Concen: 38.552 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	82.4	62.0	93.0





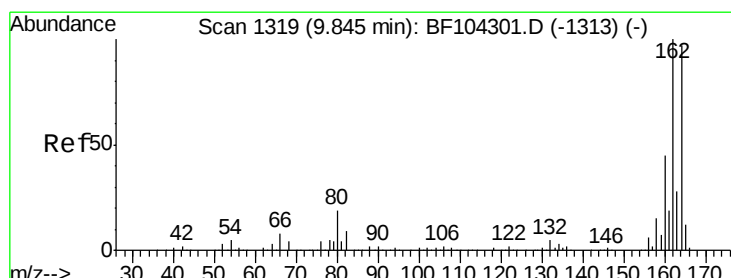
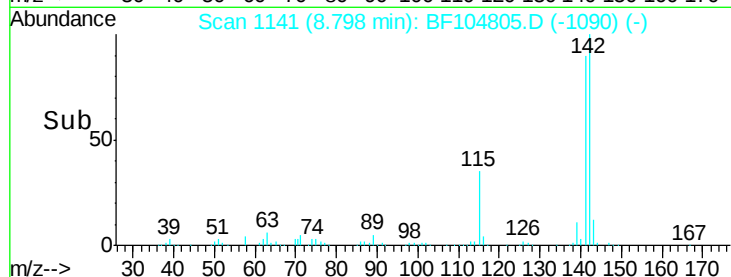
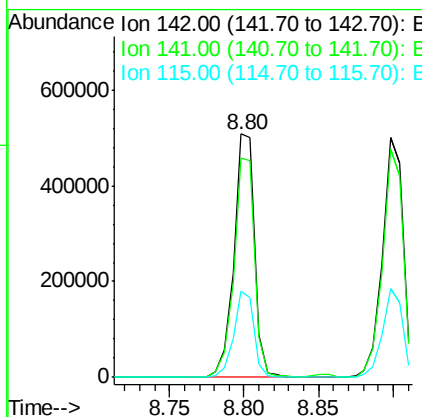
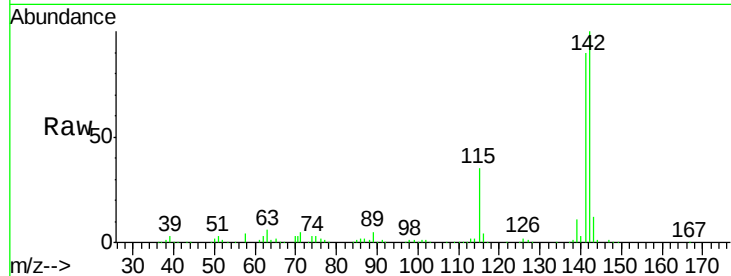
#37
2-Methylnaphthalene
Concen: 38.033 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.5	26.1	39.1

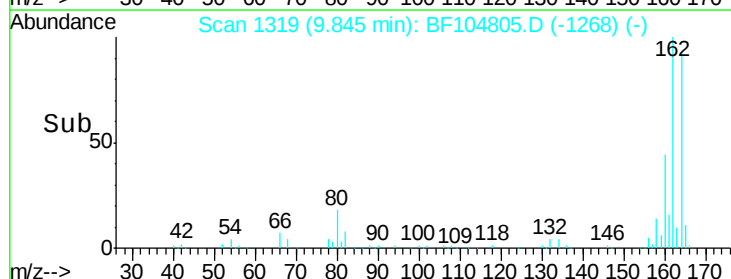
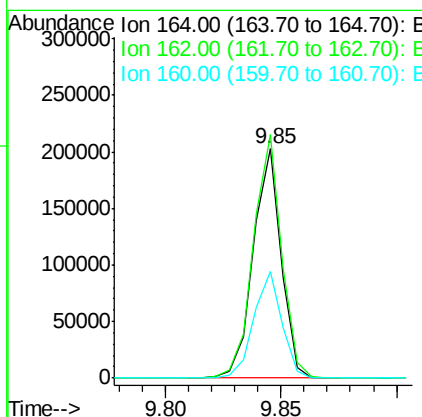
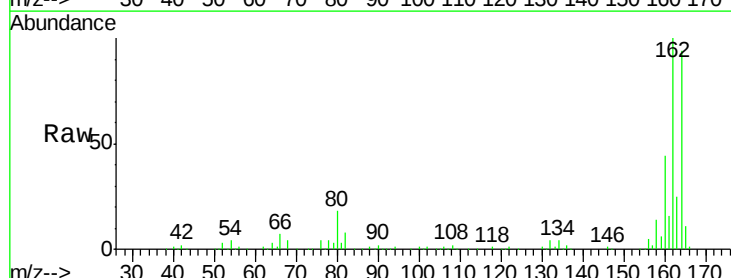
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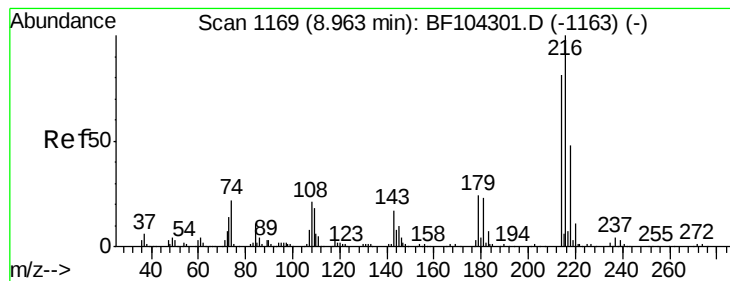
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	46.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.901 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

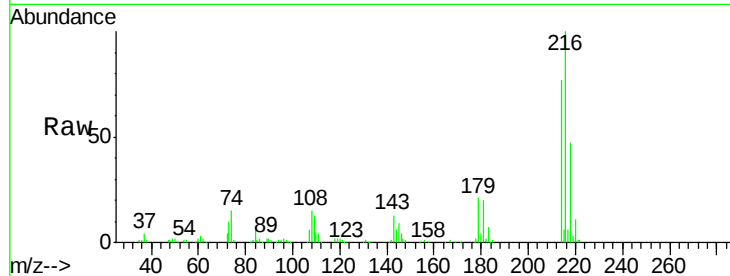
ClientSampleId :

PB108548BS

Tot Ion:	216	Resp:	214638
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	22.5	18.1	27.1
108	18.1	17.2	25.8

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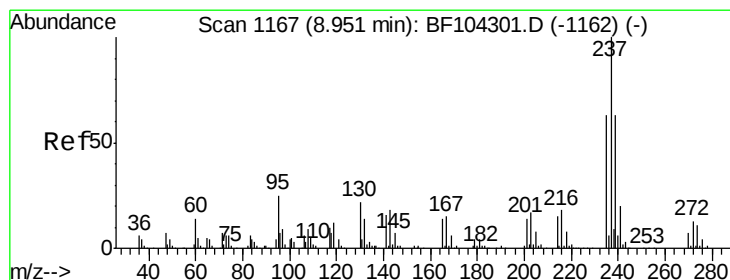
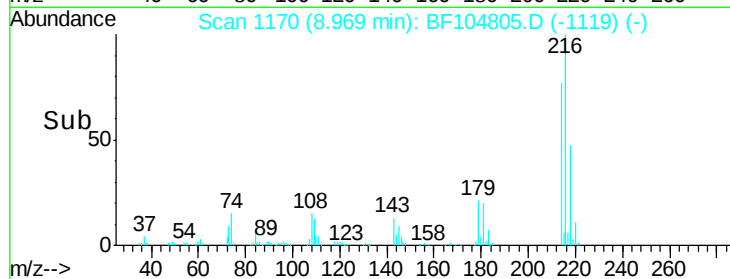
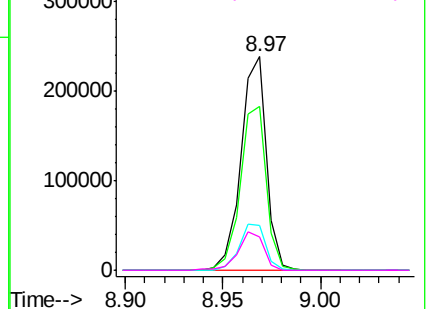


Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.250 ng

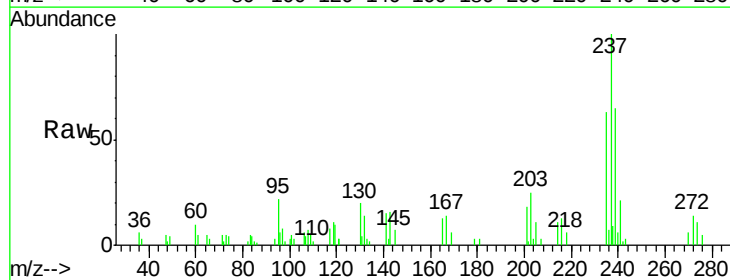
RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

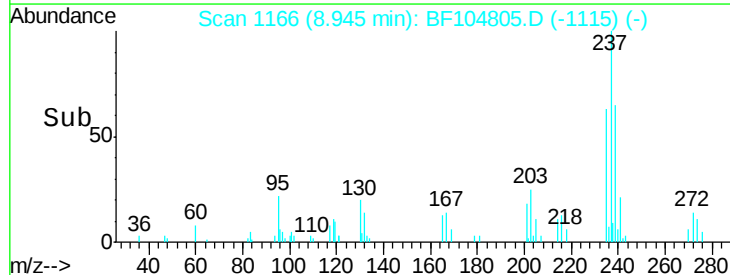
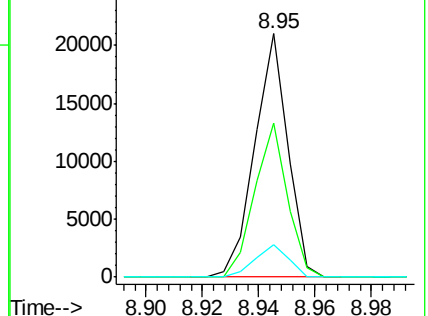
Tgt Ion:	237	Resp:	17108
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	13.5	0.0	33.3

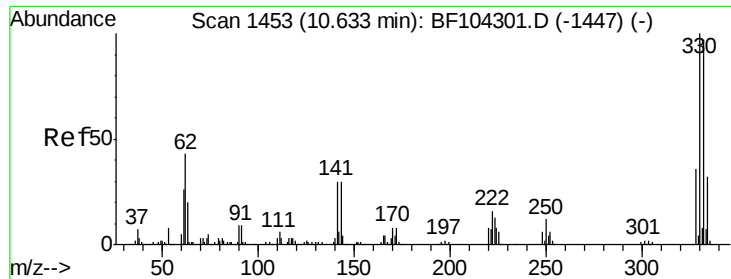


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





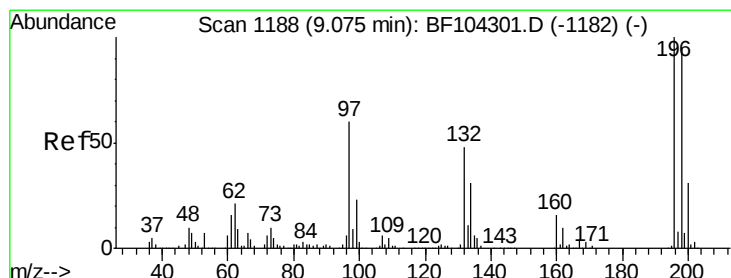
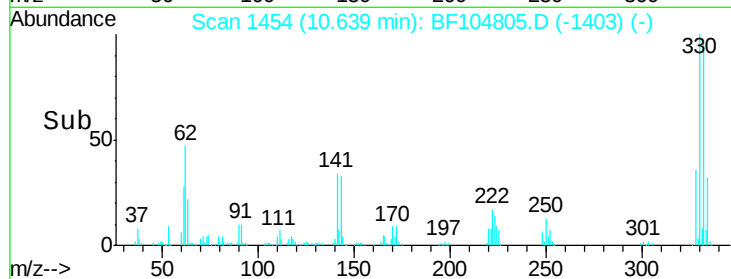
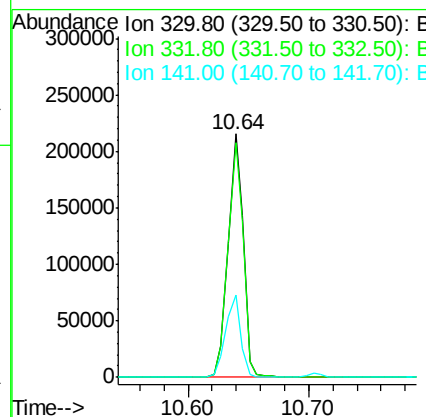
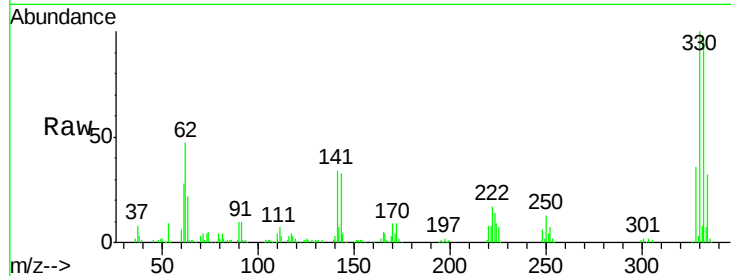
#41
 2,4,6-Tribromophenol
 Concen: 106.018 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187833		
332	98.0	77.0	115.6	
141	33.6	29.9	44.9	

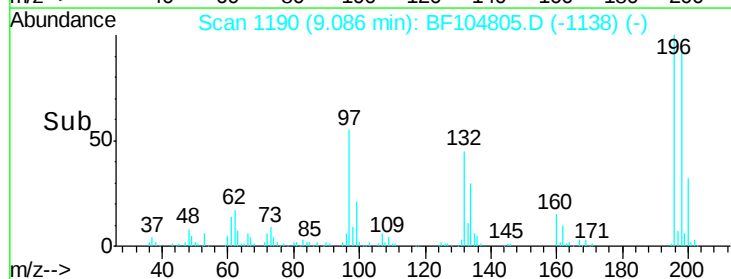
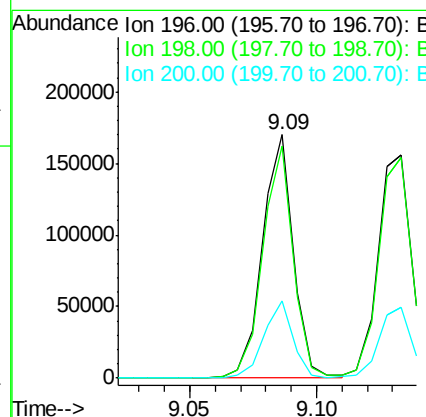
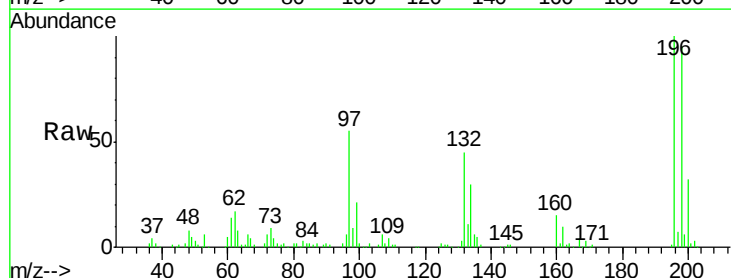
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#42
 2,4,6-Trichlorophenol
 Concen: 42.820 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145329		
198	95.3	75.7	113.5	
200	31.8	24.5	36.7	





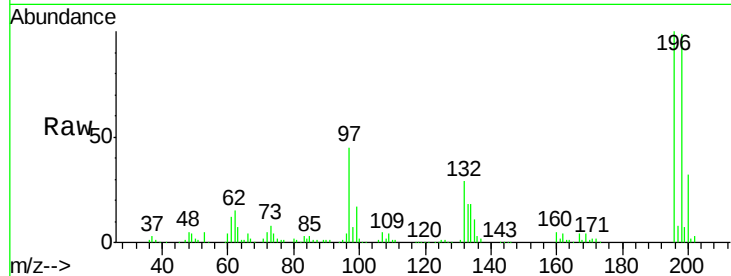
#43
 2,4,5-Trichlorophenol
 Concen: 39.444 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampled :
 PB108548BS

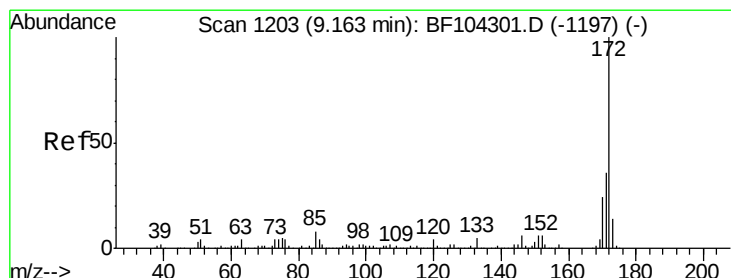
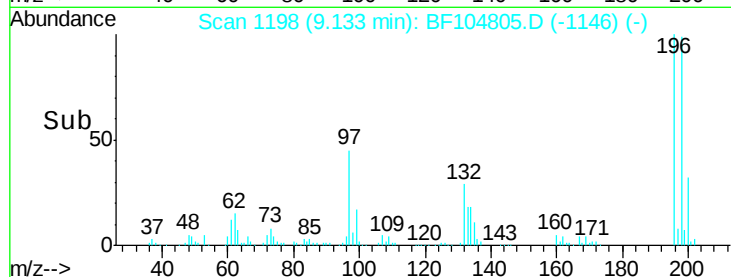
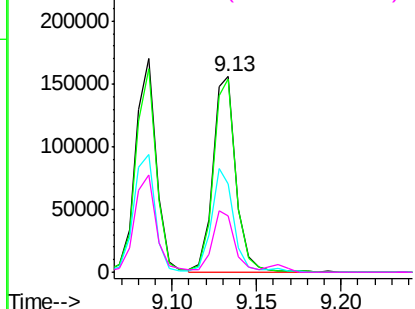
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		149807		
198	98.8	74.6	112.0		
97	45.3	42.9	64.3		
132	28.5	26.3	39.5		

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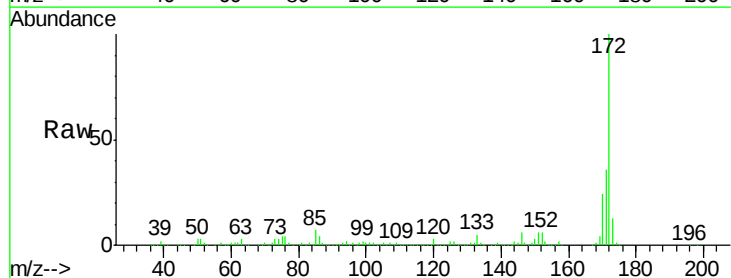


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

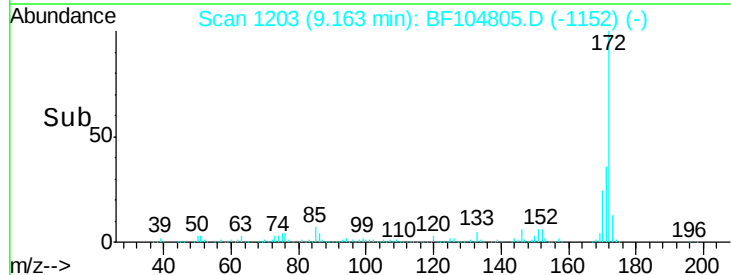
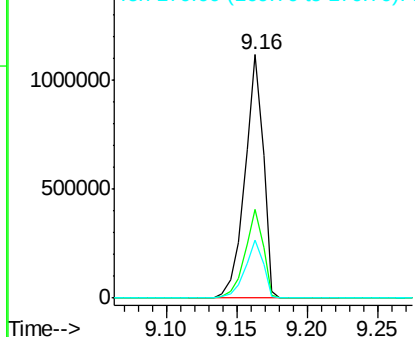


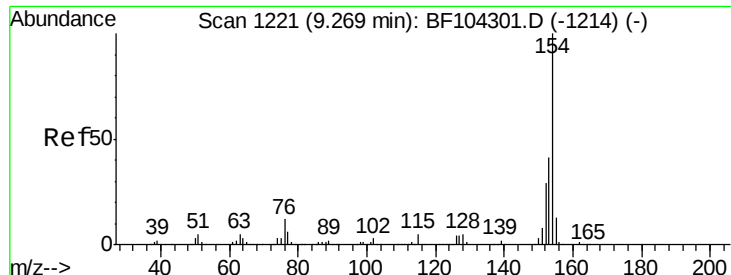
#44
 2-Fluorobiphenyl
 Concen: 93.227 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1007927		
171	36.3	29.7	44.5		
170	23.8	19.6	29.4		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.860 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

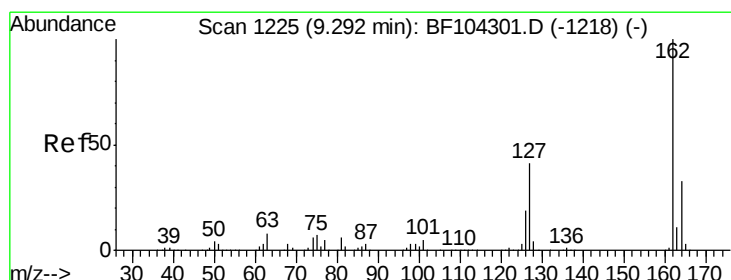
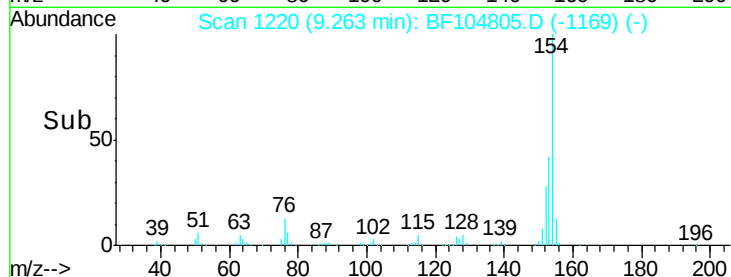
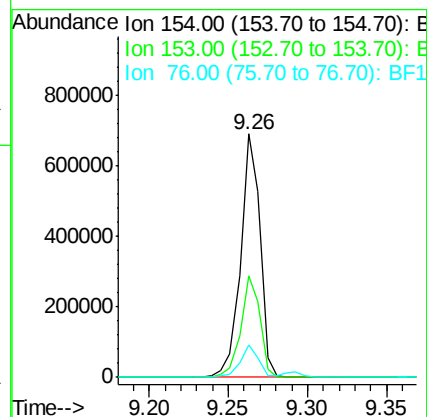
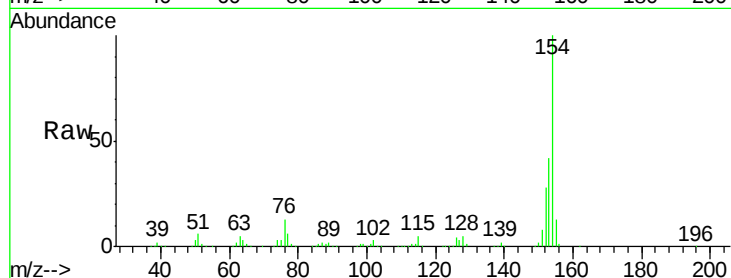
ClientSampleId :

PB108548BS

Tot Ion:	154	Resp:	586259
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.3	61.3
76	13.1	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 40.225 ng

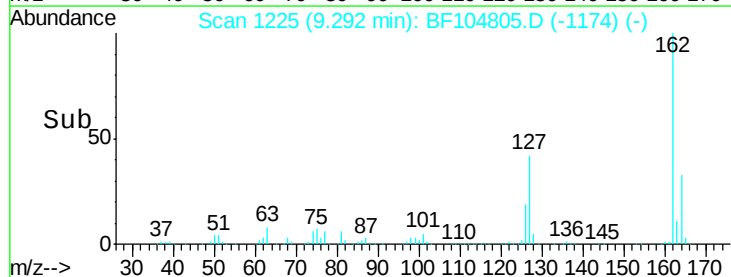
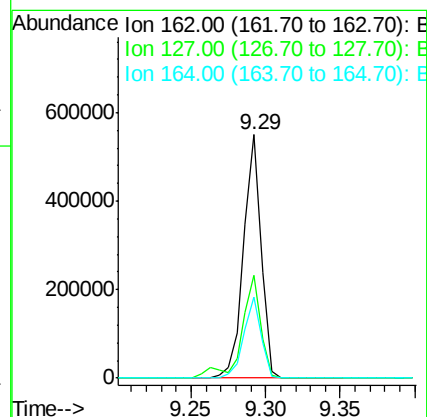
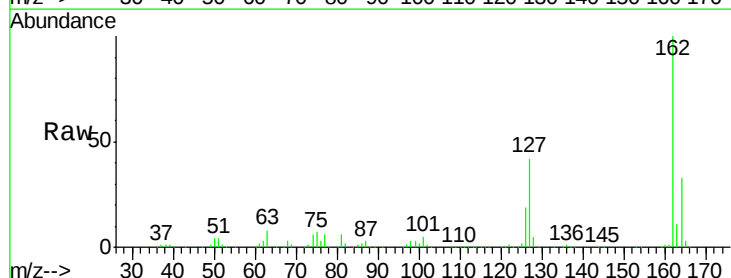
RT: 9.29 min Scan# 1225

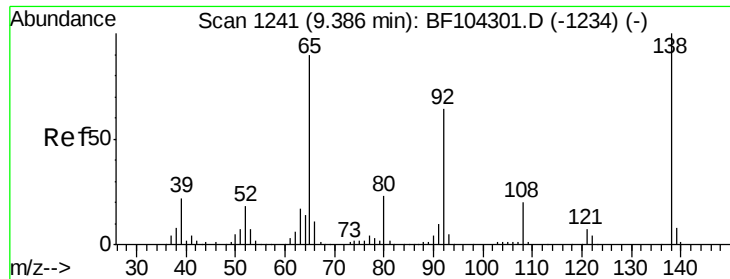
Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	162	Resp:	455880
Ion Ratio	Lower	Upper	
162	100		
127	42.0	33.9	50.9
164	33.1	26.5	39.7





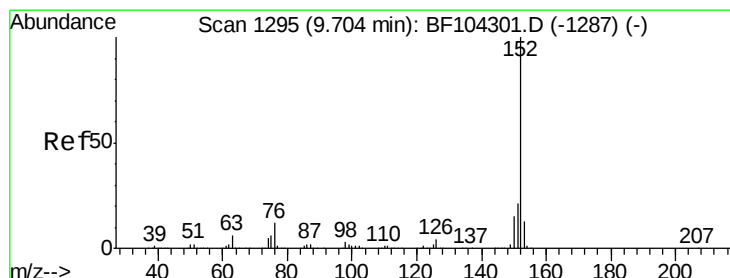
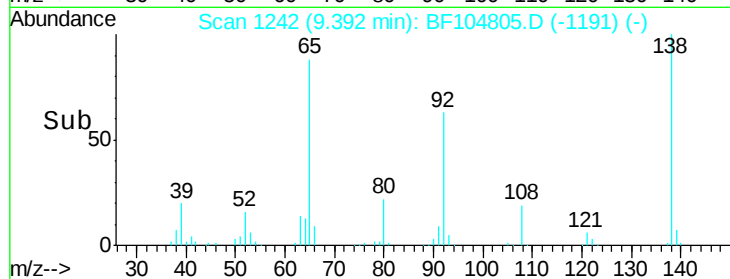
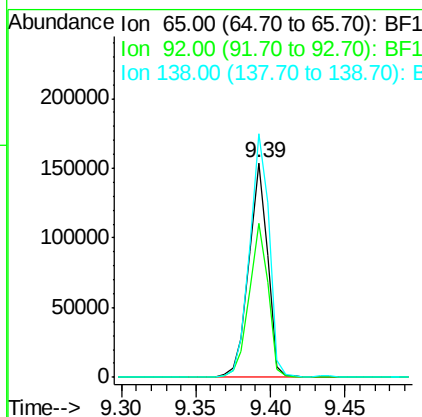
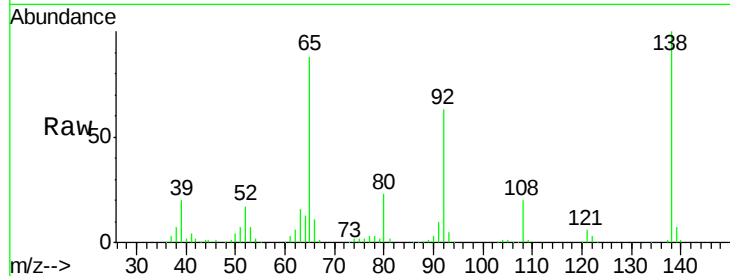
#47
 2-Nitroaniline
 Concen: 47.864 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion:	65	Resp:	134147
Ion Ratio	Lower	Upper	
65	100		
92	71.9	55.8	83.6
138	113.4	91.2	136.8

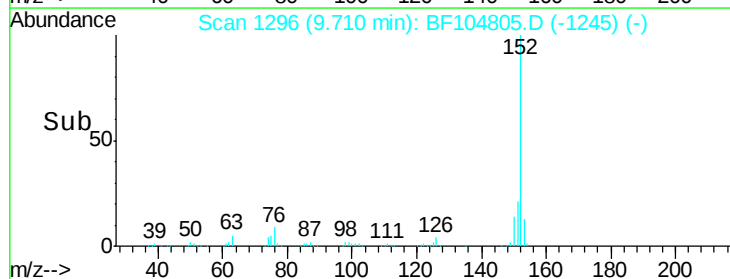
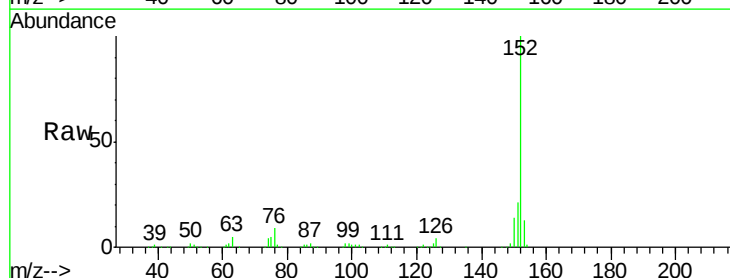
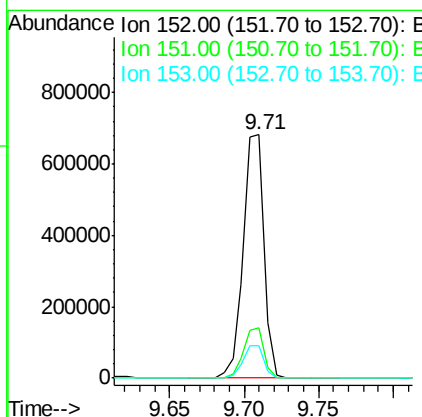
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#48
 Acenaphthylene
 Concen: 36.919 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:	152	Resp:	656461
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





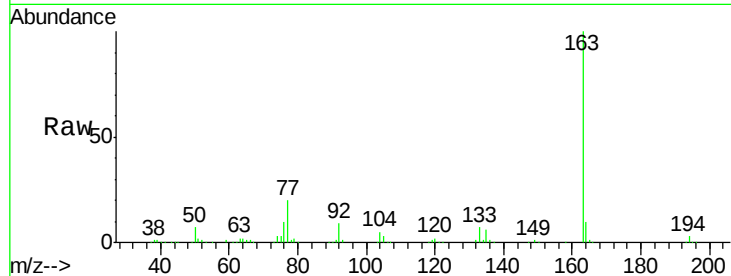
#49
Dimethylphthalate
Concen: 41.062 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

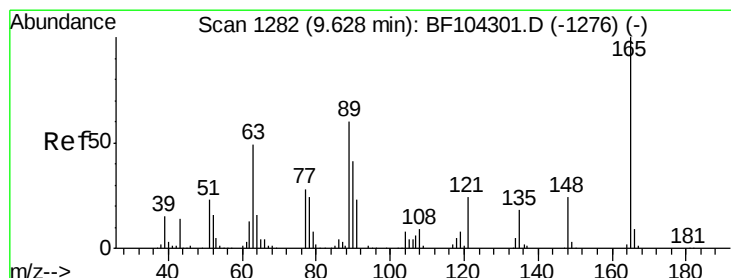
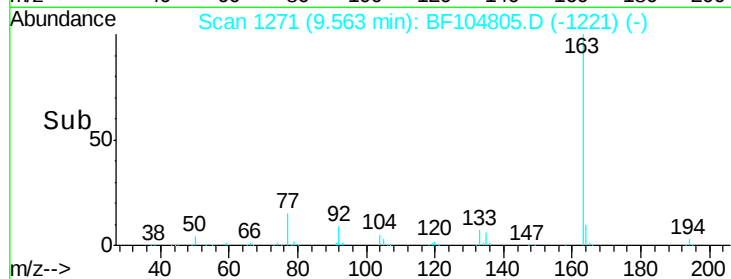
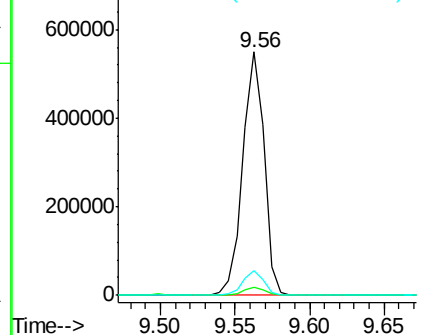
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	9.9	8.2	12.2	

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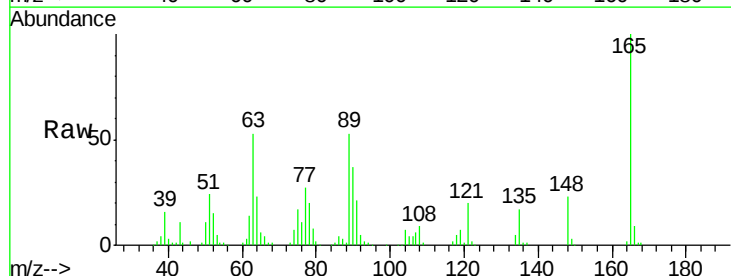


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

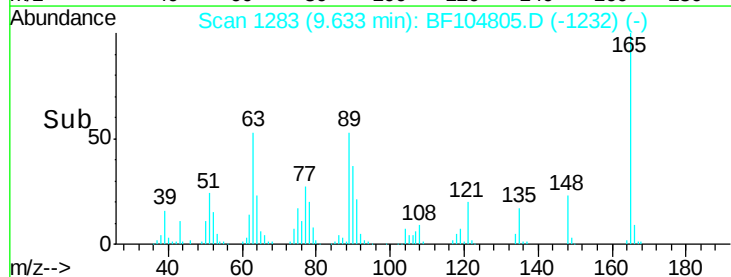
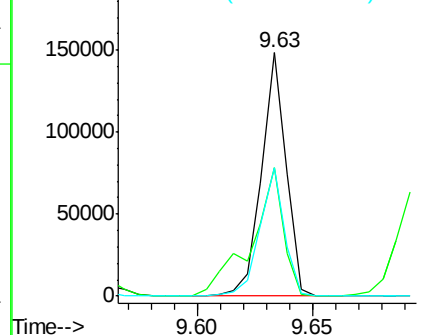


#50
2,6-Dinitrotoluene
Concen: 44.625 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.5	44.7	67.1	
89	52.5	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: 35.497 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

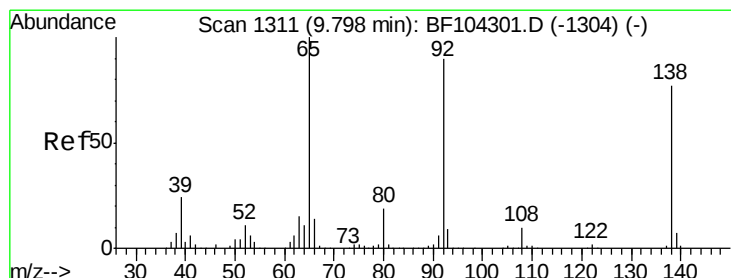
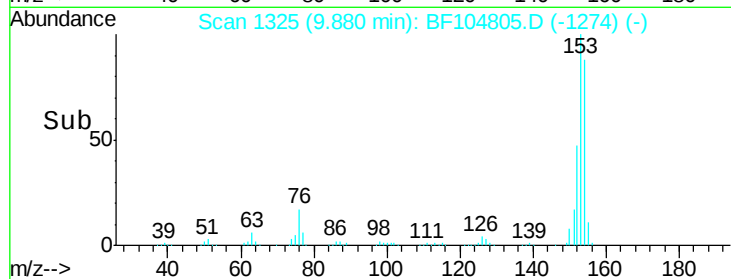
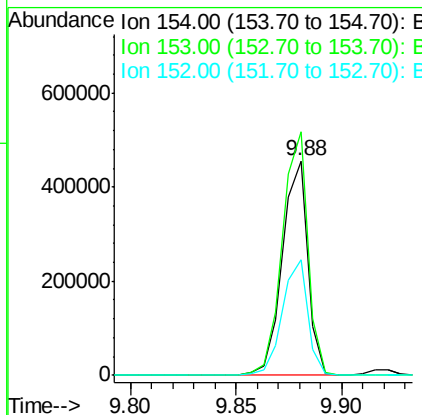
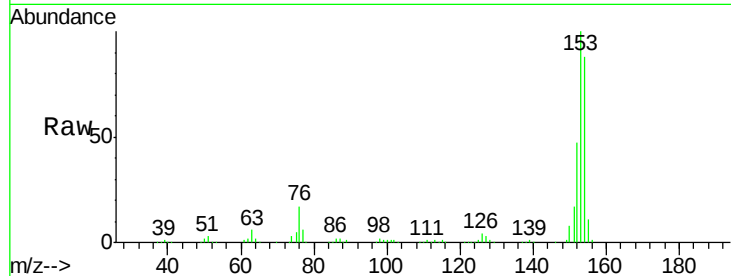
ClientSampleId :

PB108548BS

Tot Ion:	154	Resp:	385111
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.052 ng

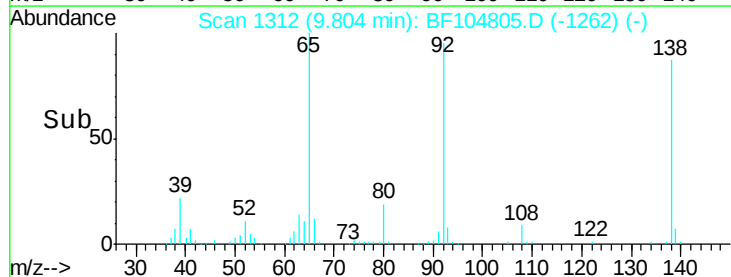
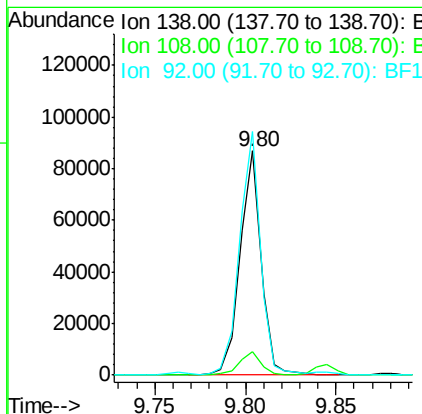
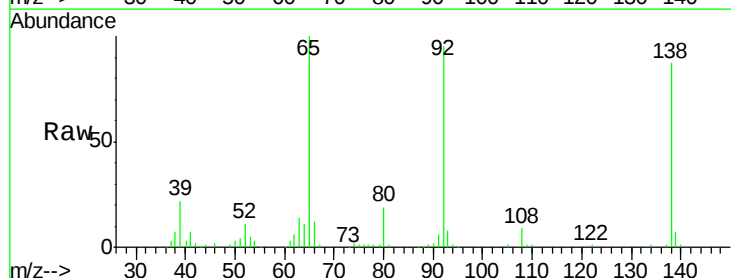
RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	138	Resp:	70176
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	108.8	89.4	134.2





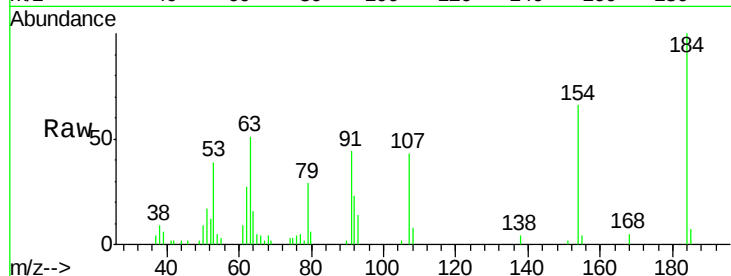
#53
 2,4-Dinitrophenol
 Concen: 28.060 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

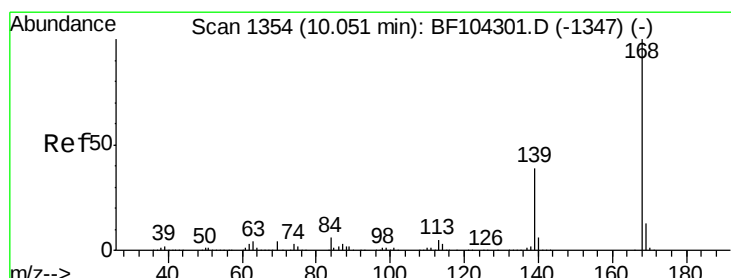
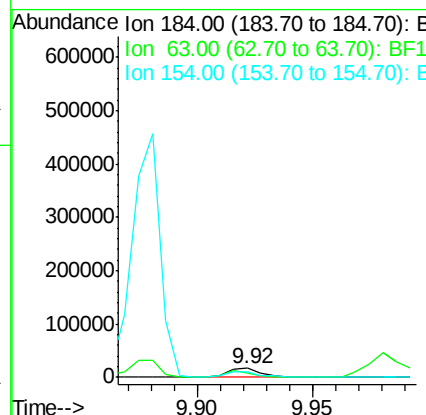
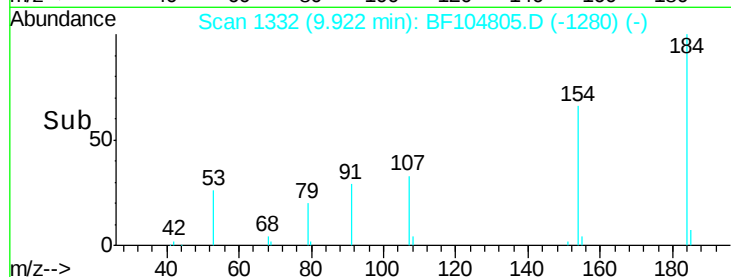
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.7	54.2	81.2#	
154	66.3	184.0	276.0#	

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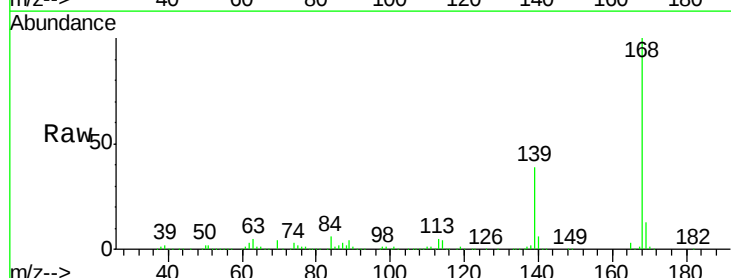


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

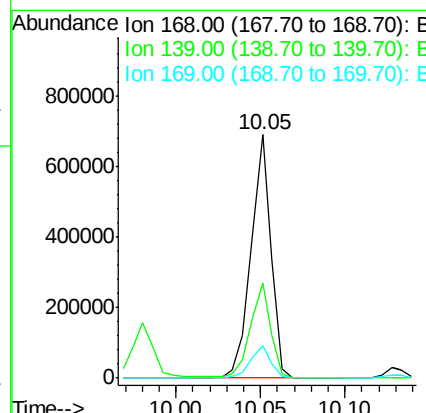
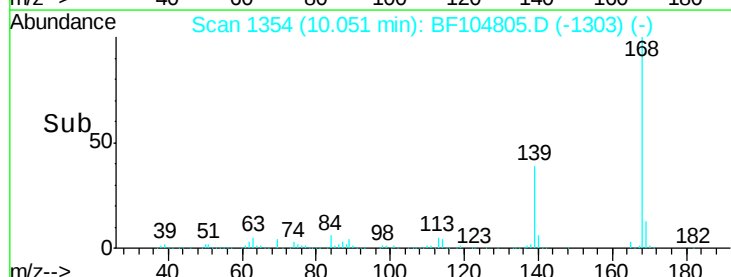


#54
 Dibenzofuran
 Concen: 37.693 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	30.1	45.1	
169	13.3	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





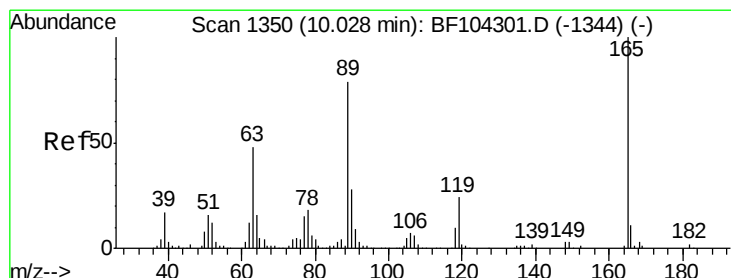
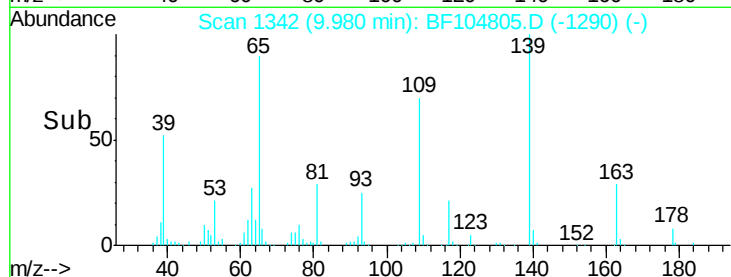
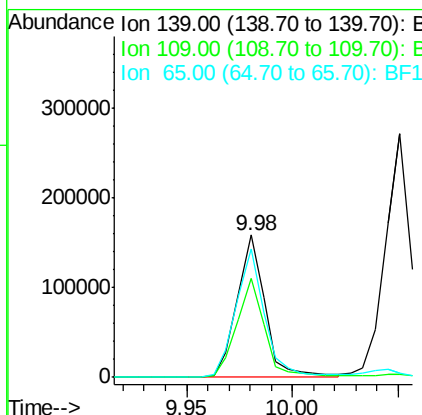
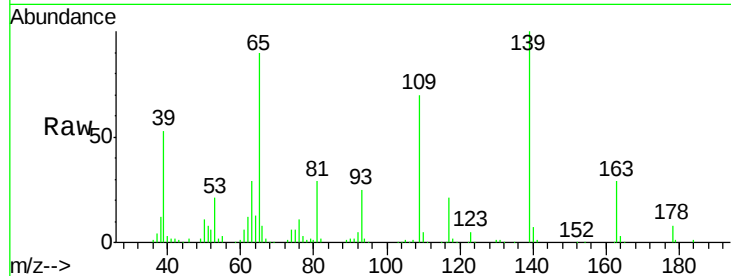
#55
4-Nitrophenol
Concen: 63.715 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	146028		
109	69.6	48.4	88.4	
65	90.4	72.6	112.6	

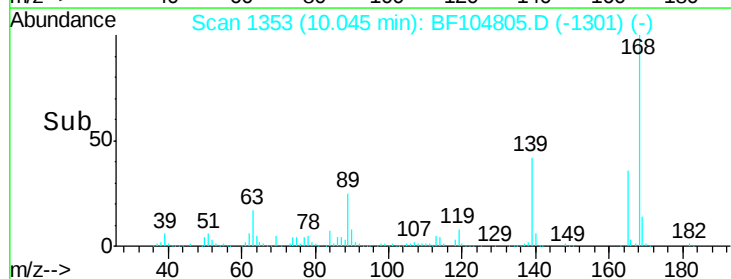
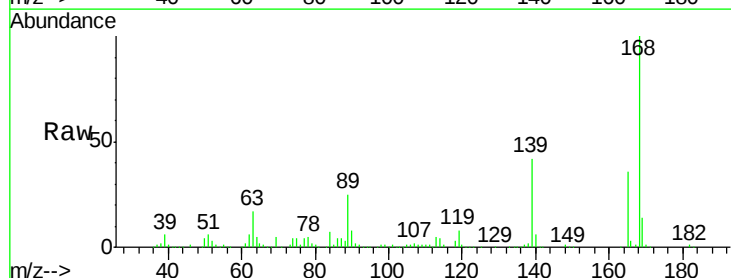
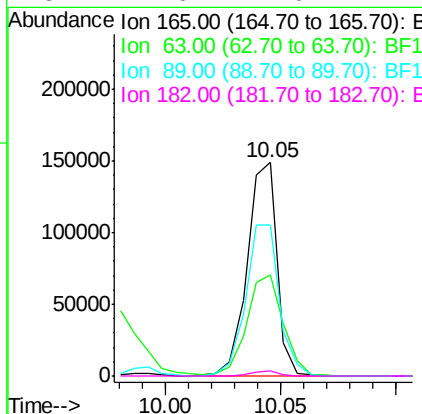
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#56
2,4-Dinitrotoluene
Concen: 41.017 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134087		
63	47.4	36.4	54.6	
89	70.5	57.8	86.6	
182	2.6	1.6	2.4	#





#57

Fluorene

Concen: 39.864 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

ClientSampleId :

PB108548BS

Tot Ion:166 Resp: 438694

Ion Ratio Lower Upper

166 100

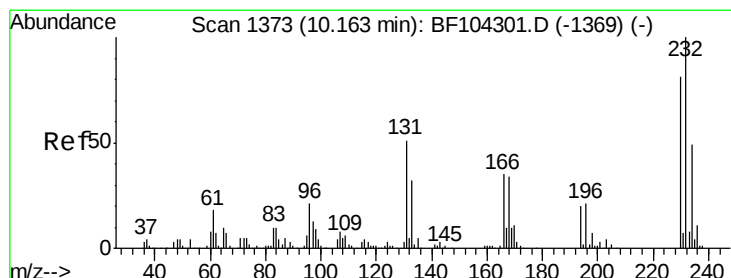
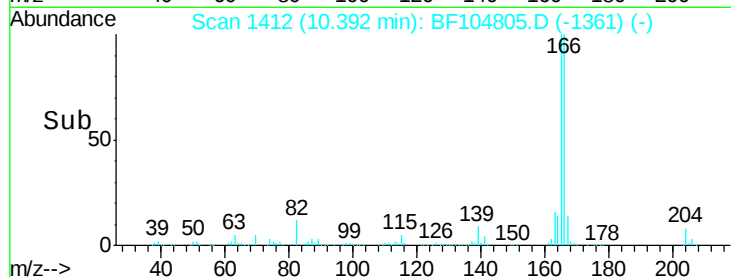
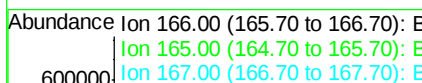
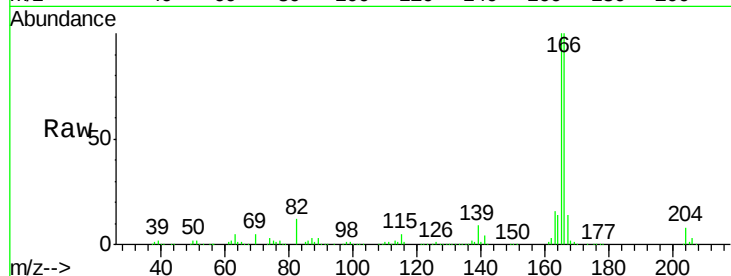
165 100.0 79.8 119.8

167 13.7 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.537 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:232 Resp: 103526

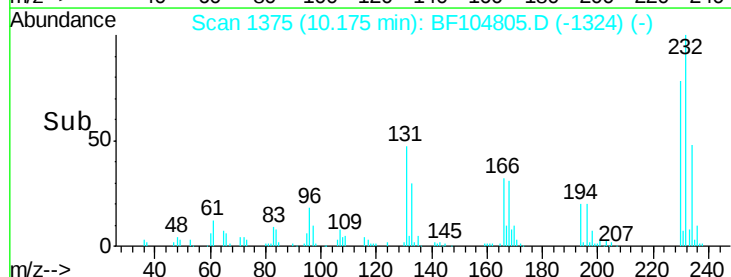
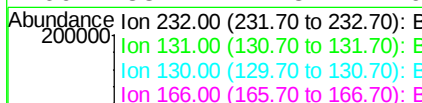
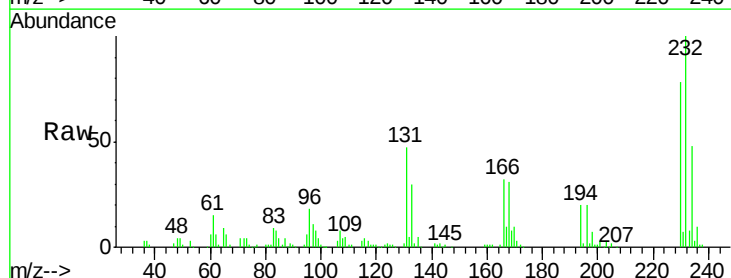
Ion Ratio Lower Upper

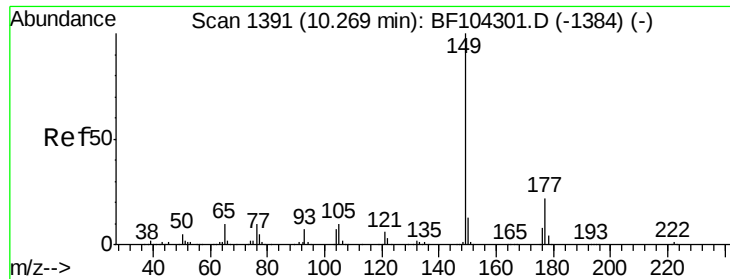
232 100

131 49.9 43.8 65.8

130 2.4 2.1 3.1

166 33.1 27.8 41.6





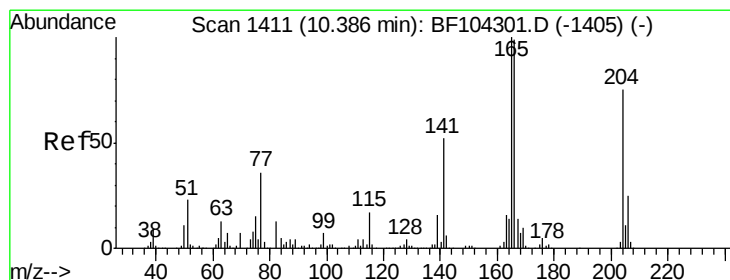
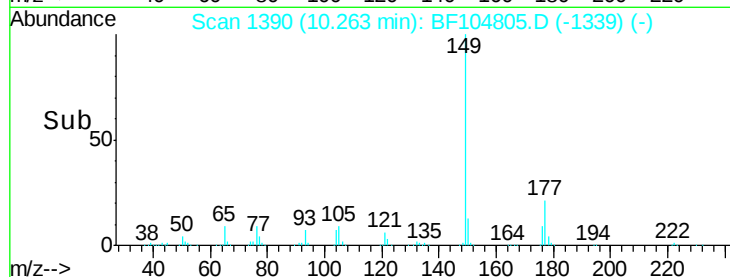
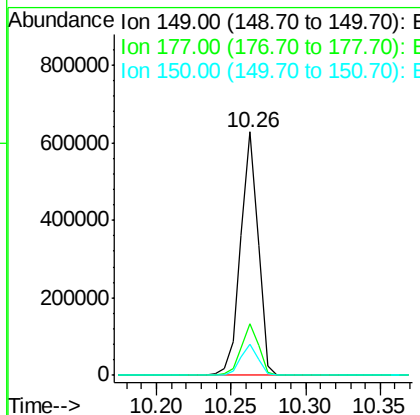
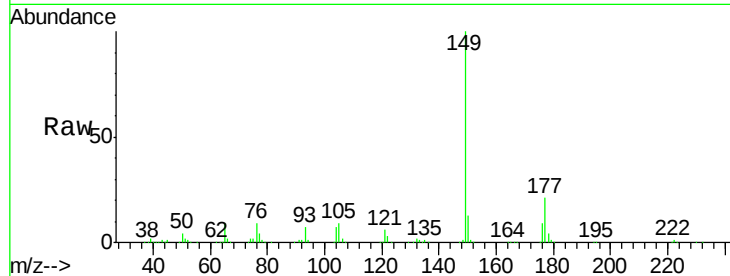
#59
Diethylphthalate
Concen: 38.441 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	515638		
177	21.3	16.1	24.1	
150	12.8	10.1	15.1	

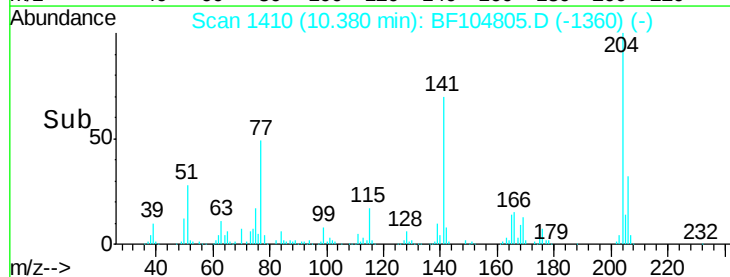
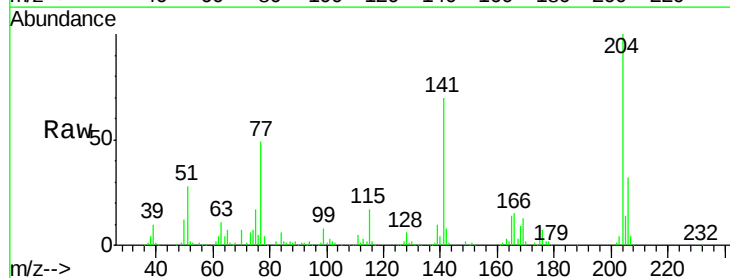
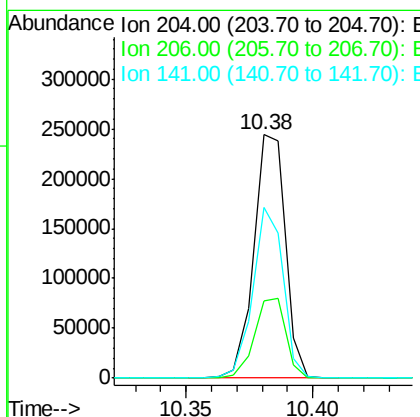
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#60
4-Chlorophenyl-phenylether
Concen: 43.405 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	212730		
206	31.9	26.5	39.7	
141	70.0	54.6	81.8	





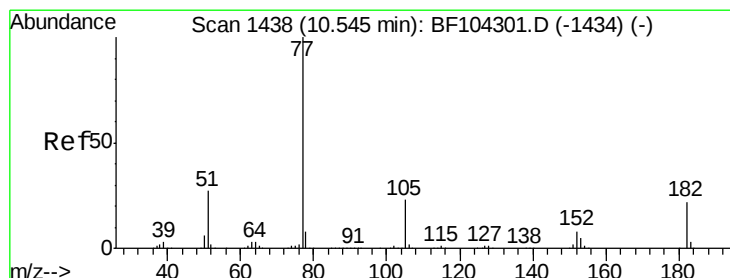
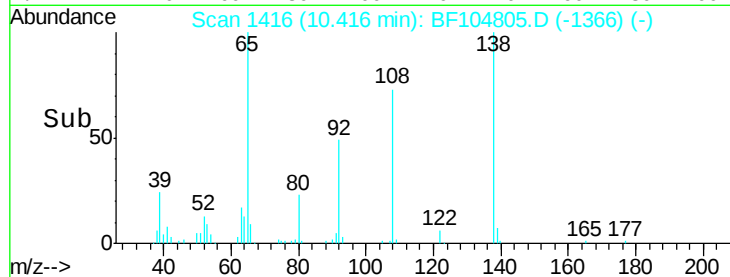
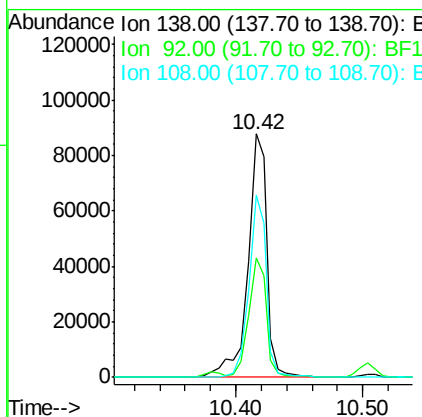
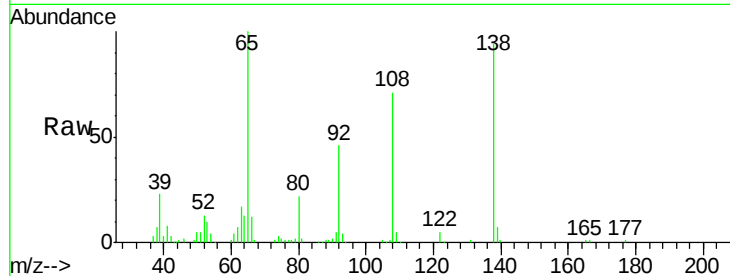
#61
4-Nitroaniline
Concen: 32.203 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	30.2	70.2
108	74.8	52.5	92.5

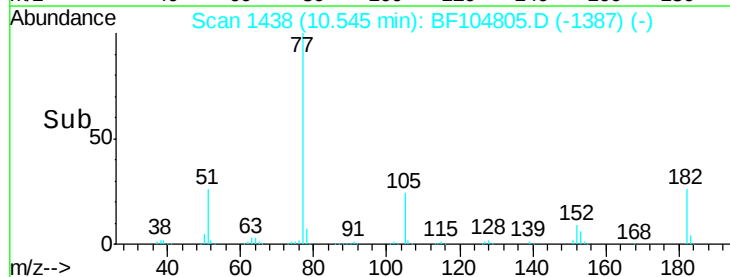
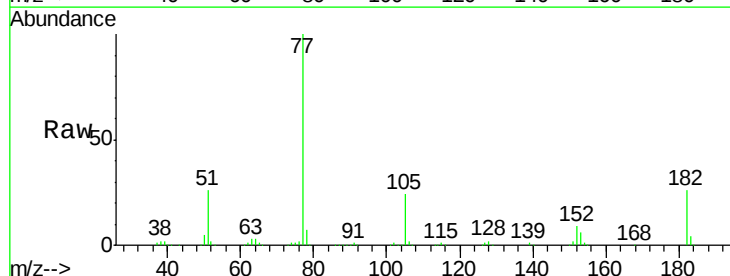
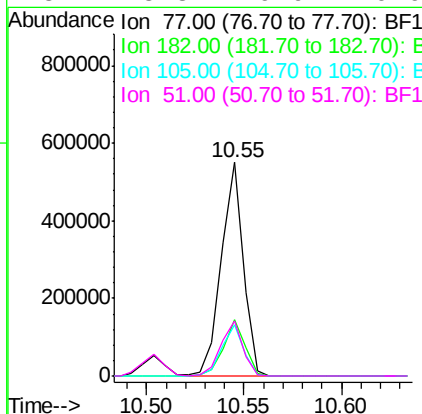
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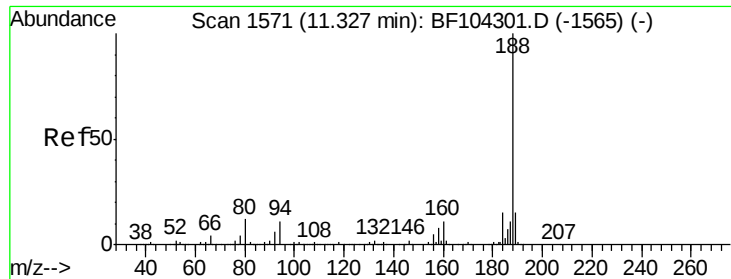
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#62
Azobenzene
Concen: 33.638 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.2	1.7	41.7
105	23.9	3.0	43.0
51	25.8	9.9	49.9





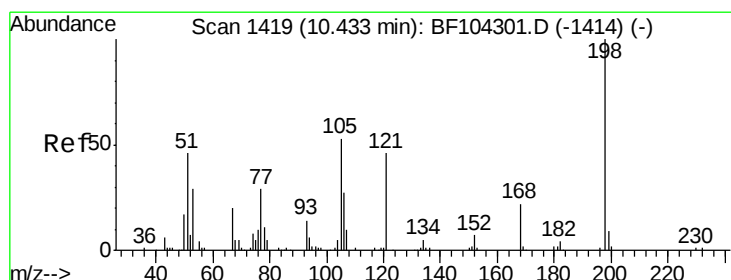
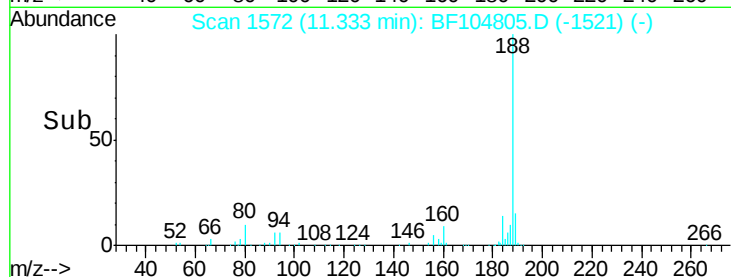
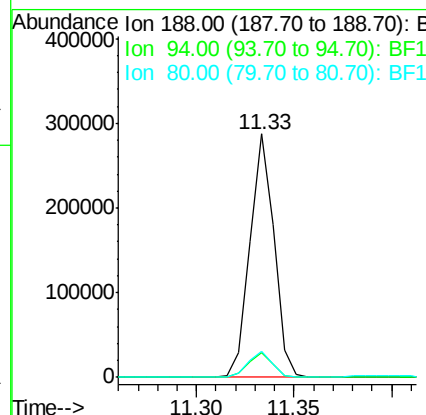
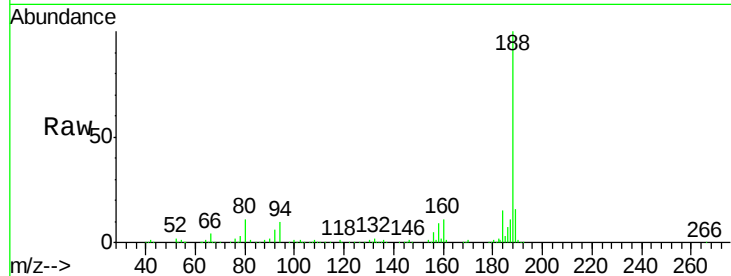
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	246753		
94	10.3		8.5	12.7
80	10.6		9.2	13.8

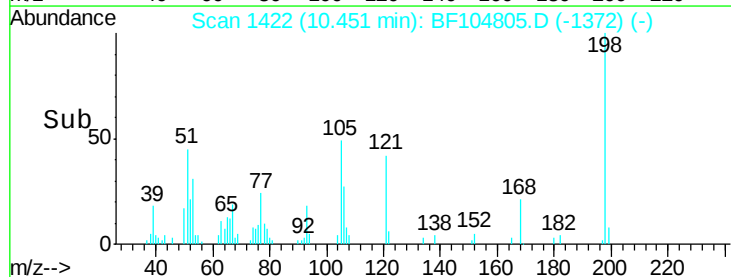
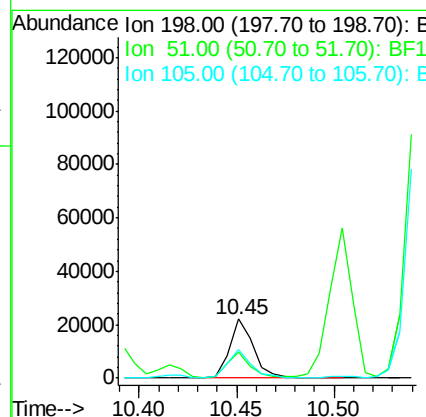
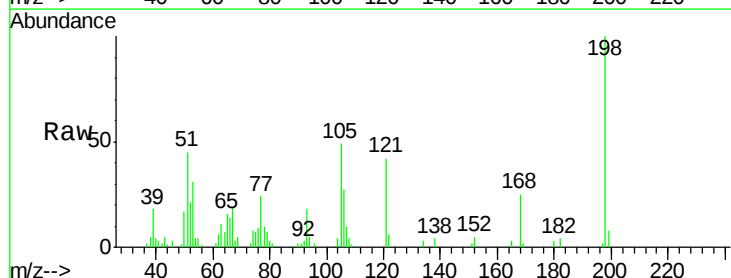
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.599 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	18804		
51	44.9		37.7	77.7
105	49.0		36.3	76.3





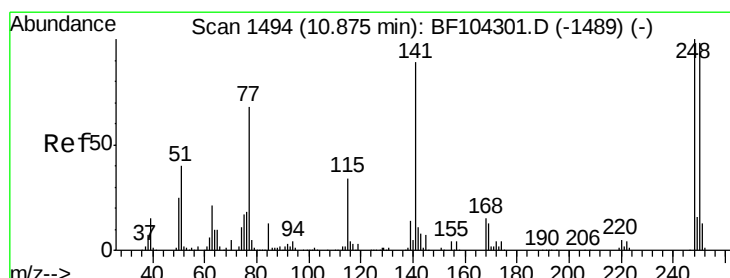
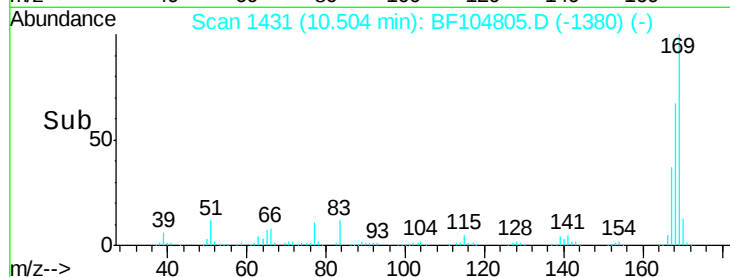
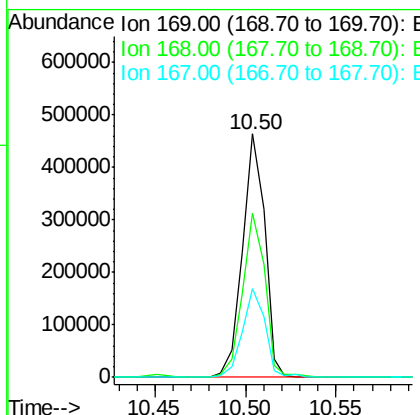
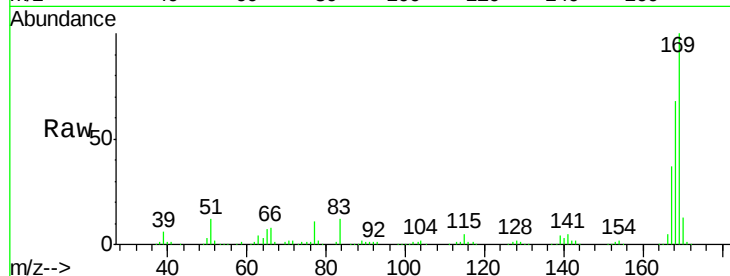
#65
 n-Nitrosodiphenylamine
 Concen: 46.423 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	397176		
168	67.5	54.4	81.6	
167	36.5	29.8	44.6	

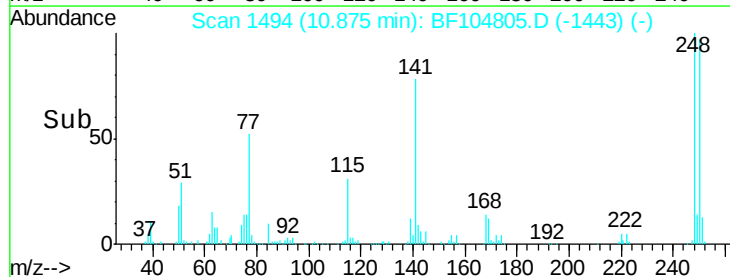
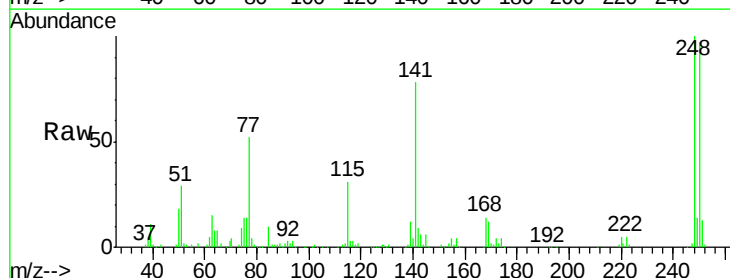
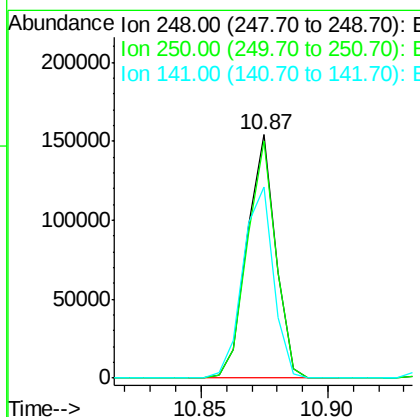
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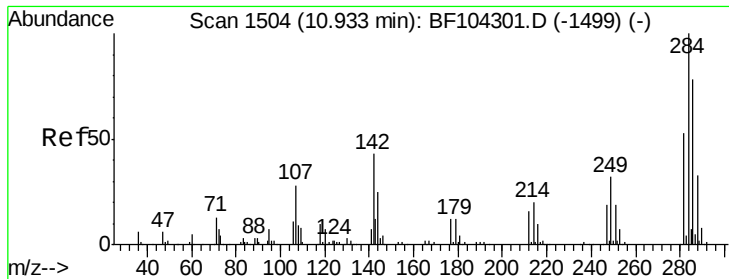
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#66
 4-Bromophenyl-phenylether
 Concen: 46.219 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	121310		
250	97.3	76.9	115.3	
141	78.4	74.4	111.6	





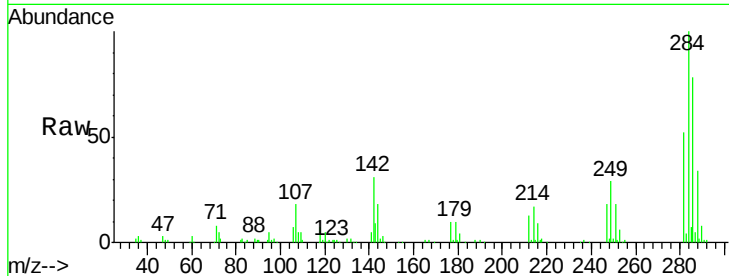
#67
Hexachlorobenzene
Concen: 42.569 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

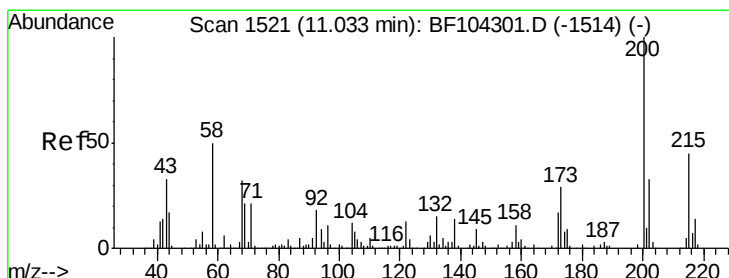
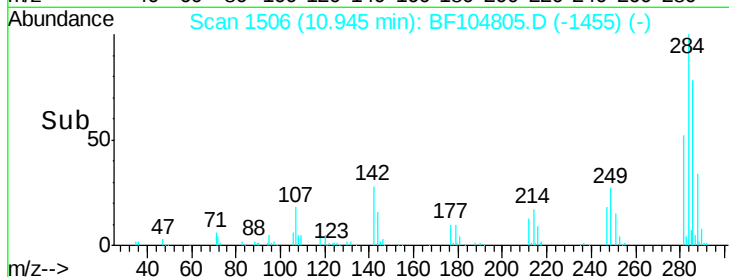
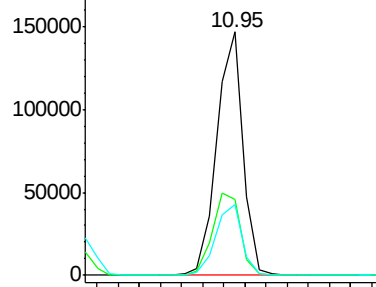
Tot Ion	Ratio	Resp	Lower	Upper
284	100	125718		
142	31.4	34.6	52.0	
249	29.1	24.8	37.2	

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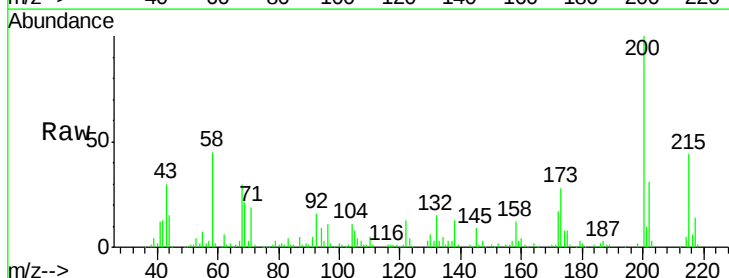


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

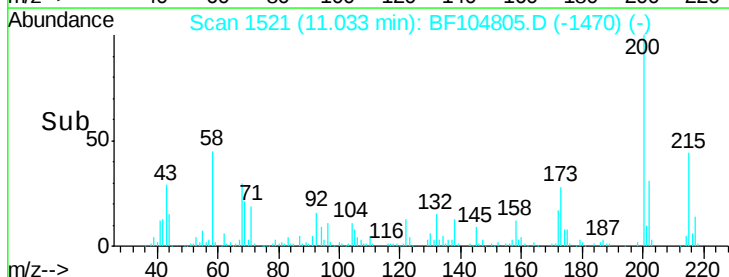
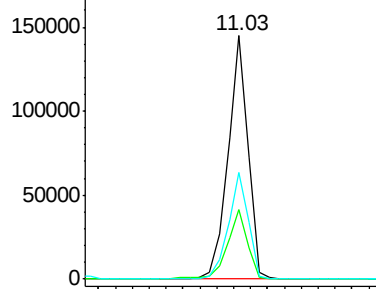


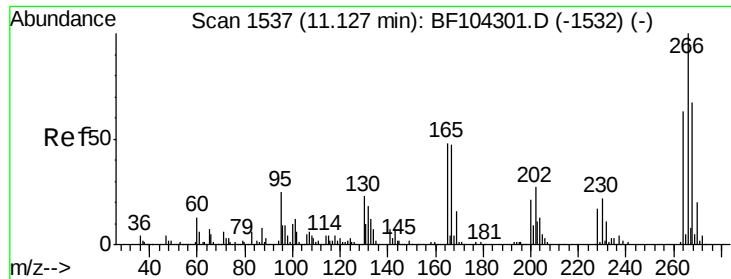
#68
Atrazine
Concen: 46.483 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	120041		
173	28.3	8.6	48.6	
215	44.1	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





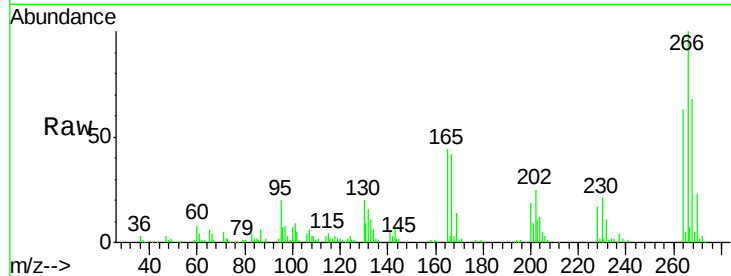
#69
 Pentachlorophenol
 Concen: 47.853 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

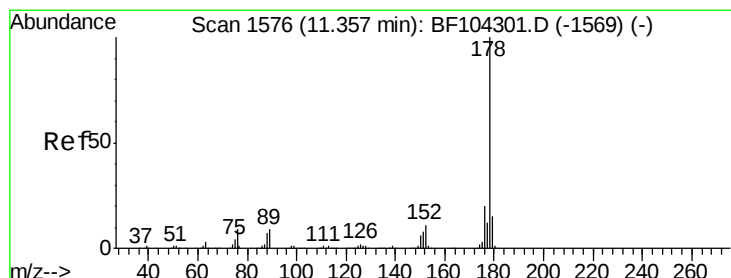
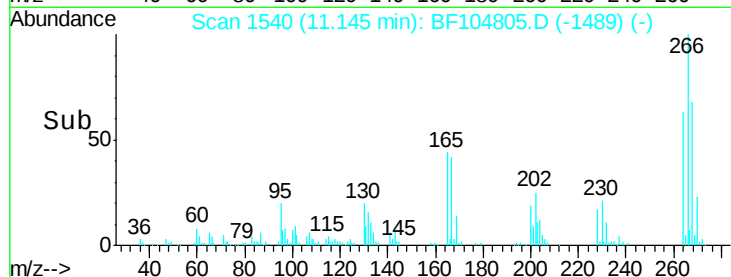
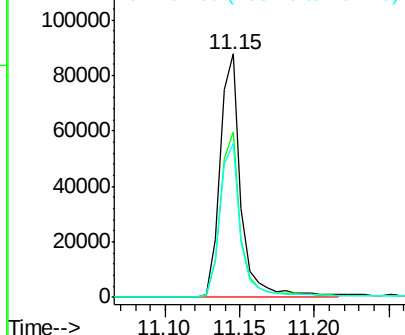
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	51.1	76.7
264	63.1	49.5	74.3

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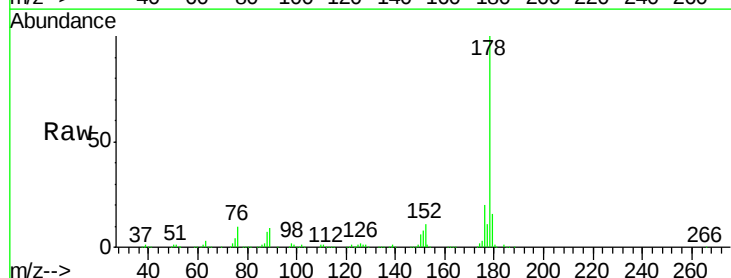


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

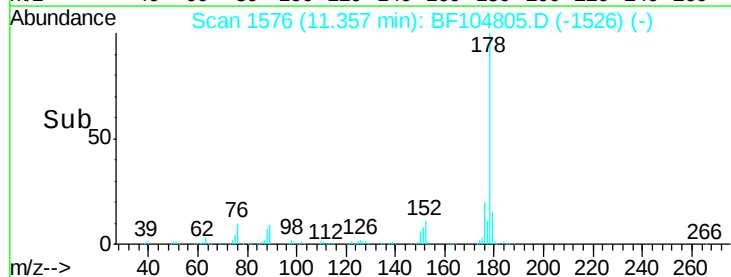
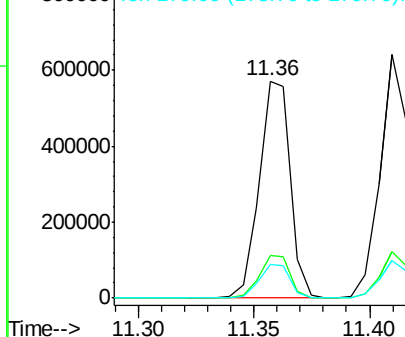


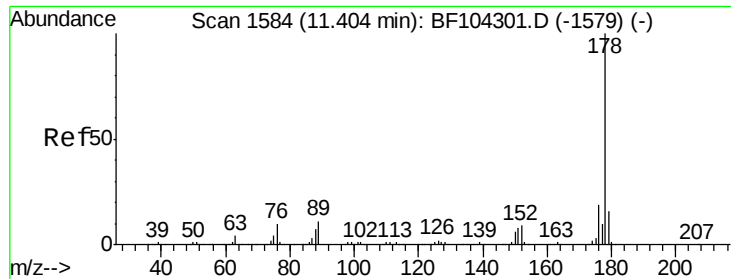
#70
 Phenanthrene
 Concen: 39.055 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	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





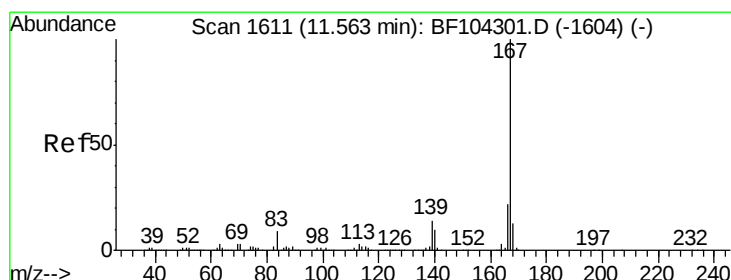
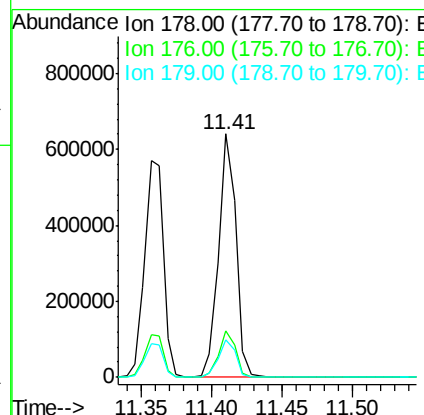
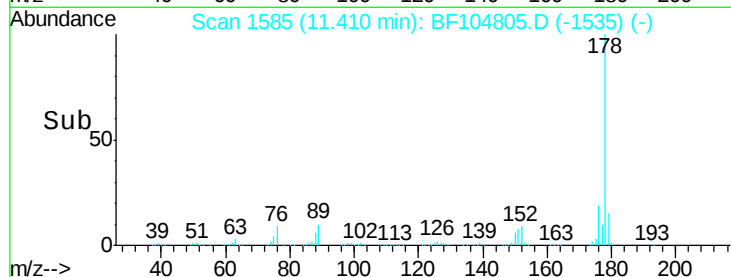
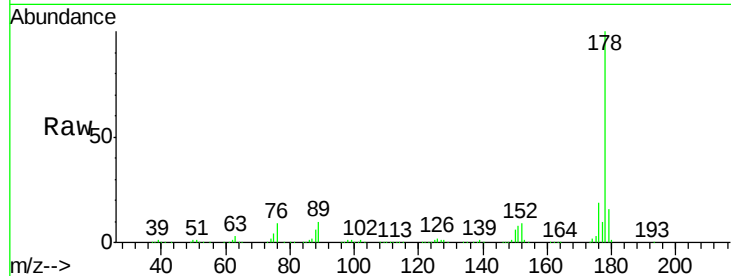
#71
 Anthracene
 Concen: 39.435 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.6	19.0

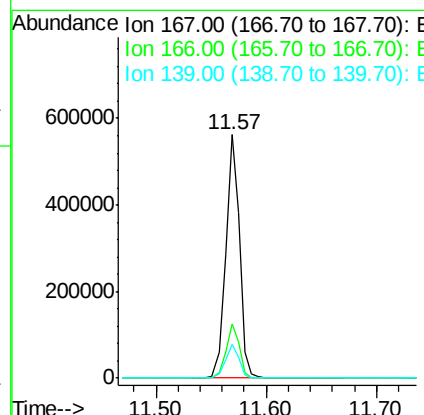
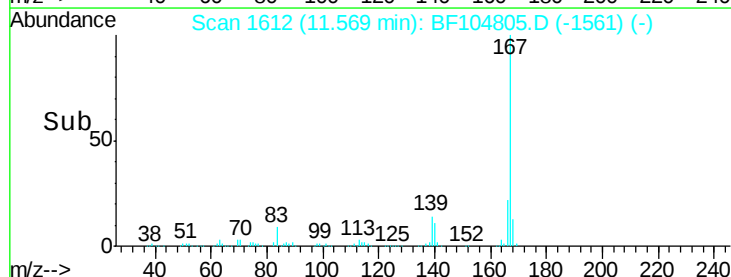
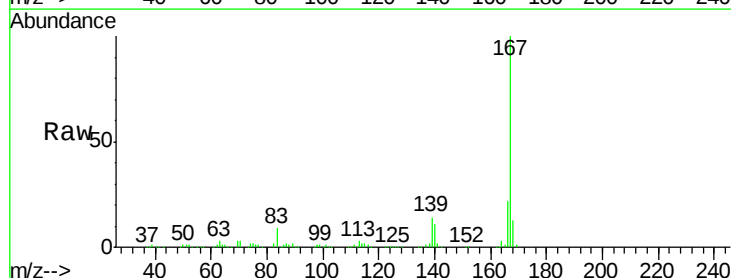
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#72
 Carbazole
 Concen: 35.639 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.369 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

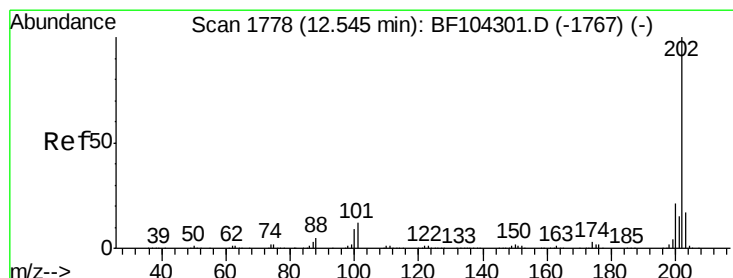
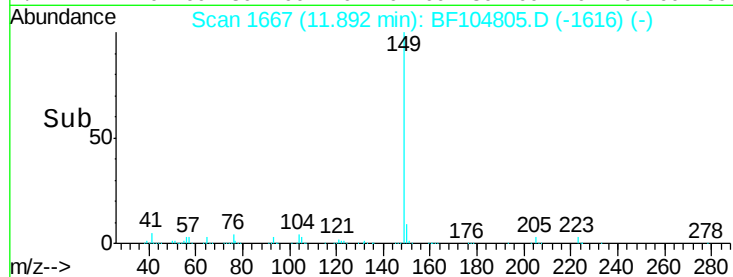
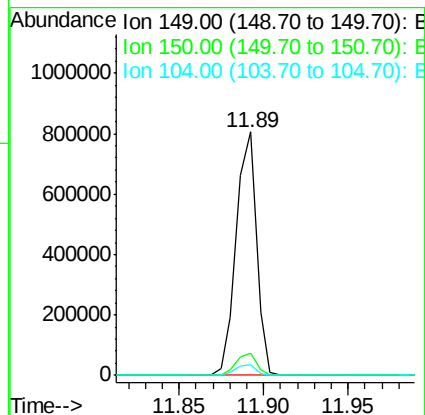
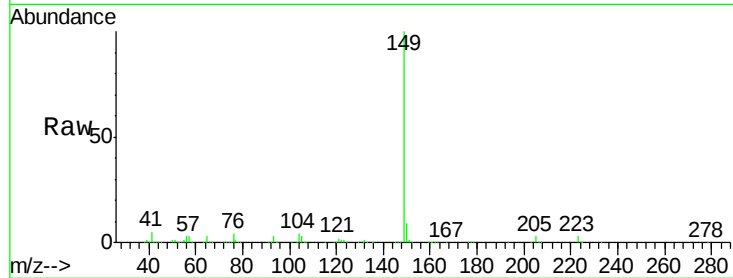
ClientSampled :

PB108548BS

Tot Ion:	149	Resp:	673098
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 34.554 ng

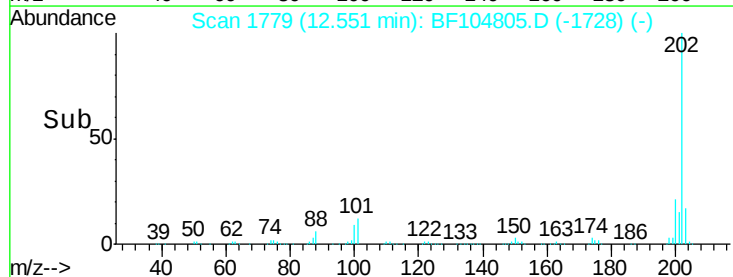
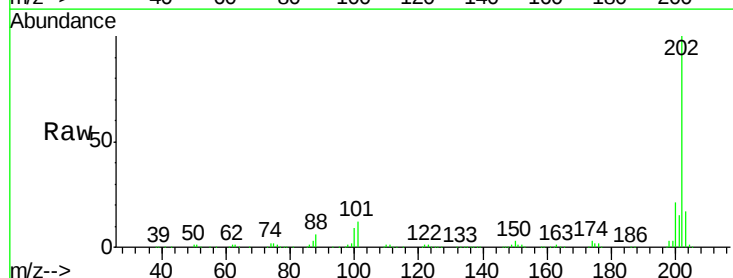
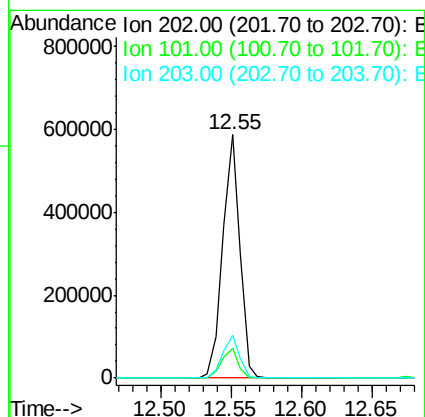
RT: 12.55 min Scan# 1779

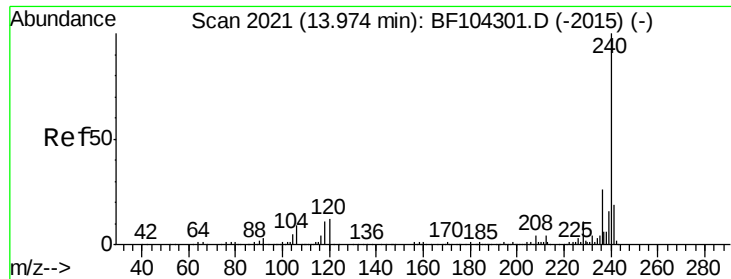
Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	202	Resp:	496100
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

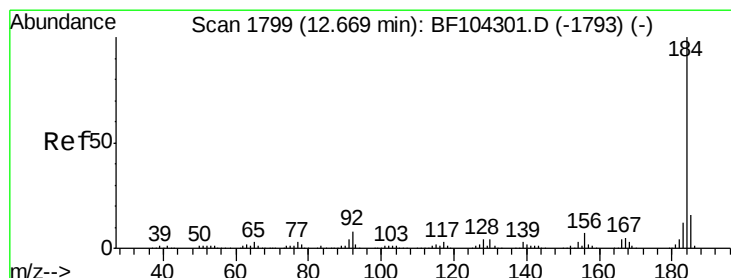
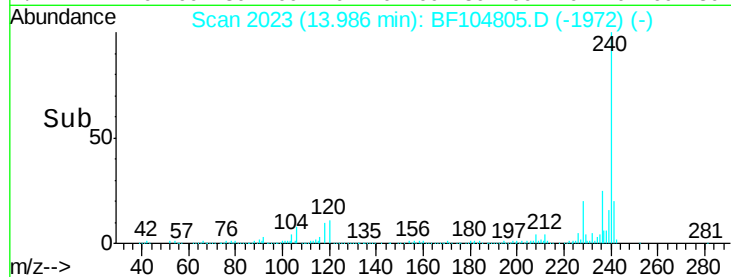
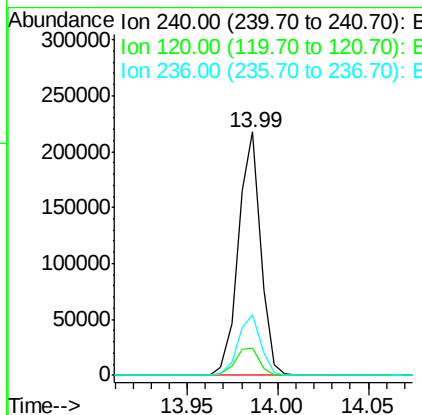
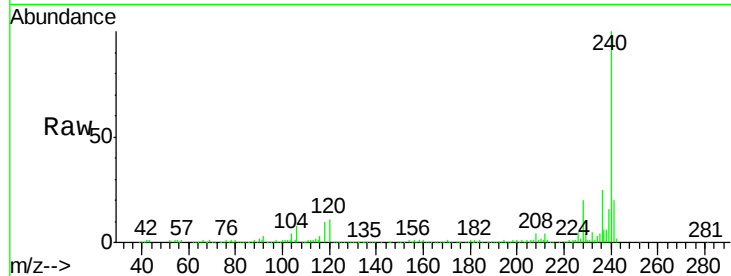
ClientSampleId :

PB108548BS

Tot Ion:	240	Resp:	185915
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	25.1	20.7	31.1

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#76

Benzidine

Concen: 66.238 ng

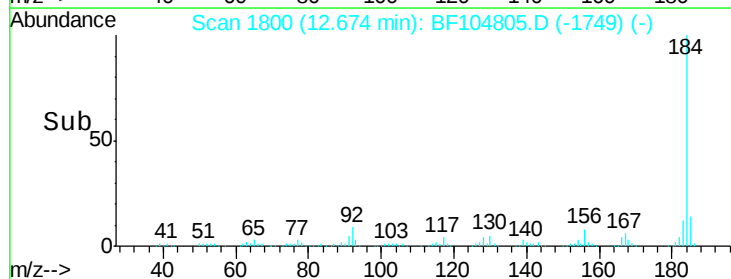
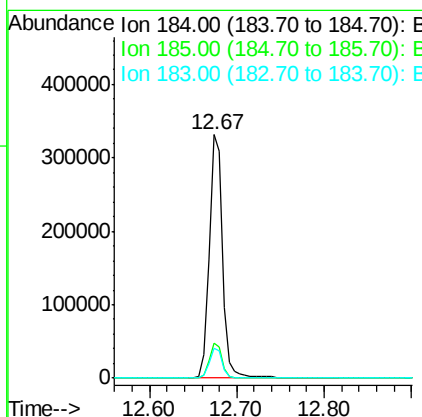
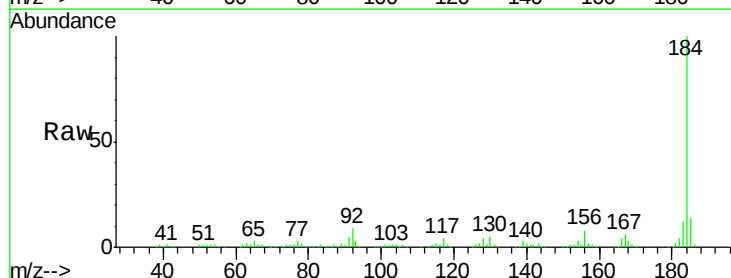
RT: 12.67 min Scan# 1800

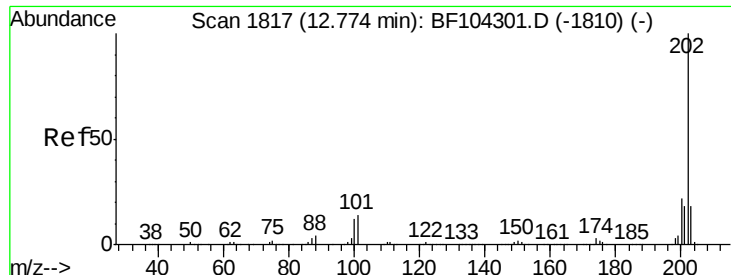
Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	184	Resp:	350863
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	12.2	9.3	13.9





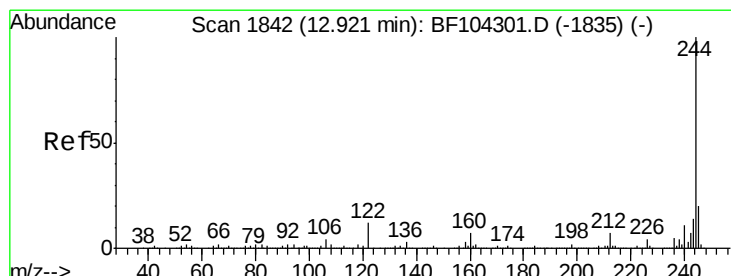
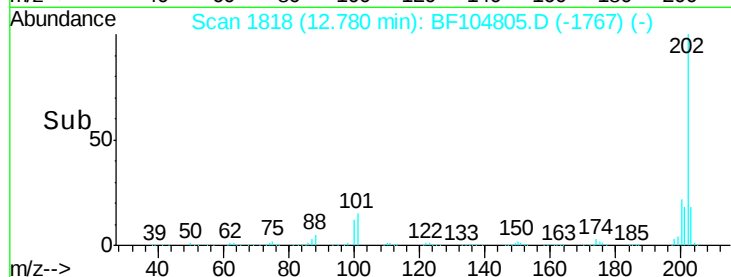
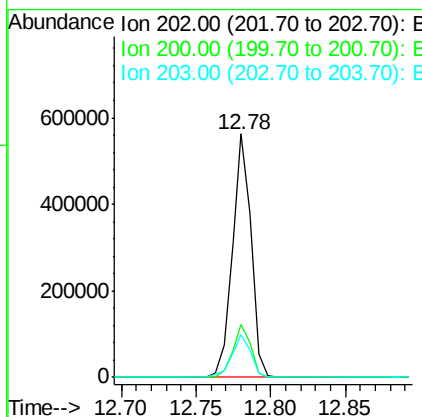
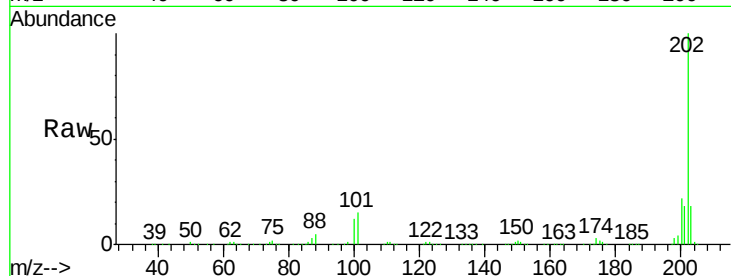
#77
Pvrene
Concen: 36.019 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	496370		
200	21.6		17.4	26.2
203	17.7		14.3	21.5

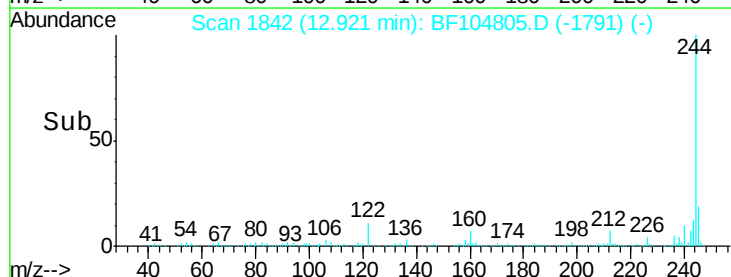
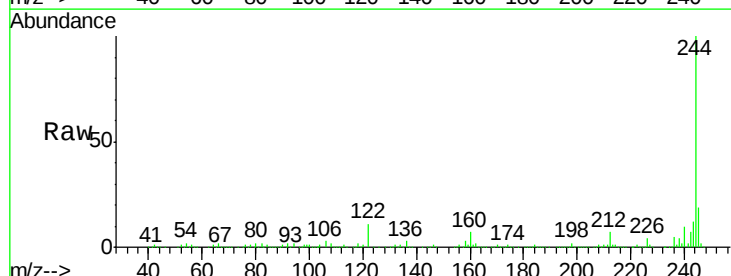
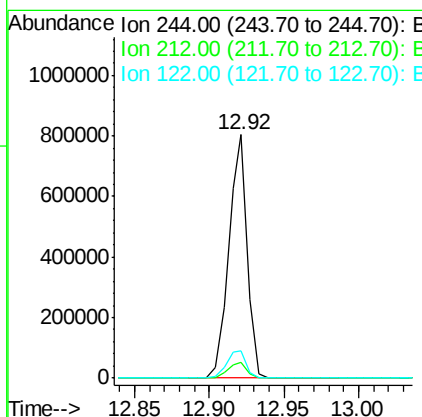
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#78
Terphenyl-d14
Concen: 85.846 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	700059		
212	6.7		5.4	8.0
122	11.1		11.0	16.4





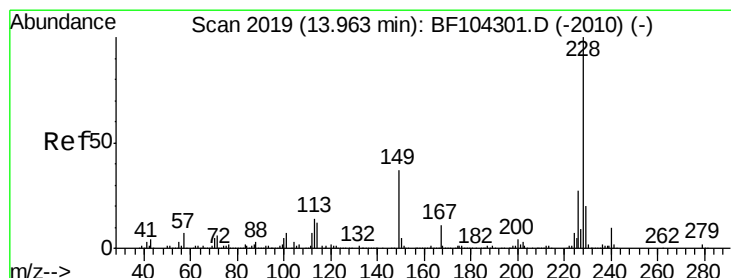
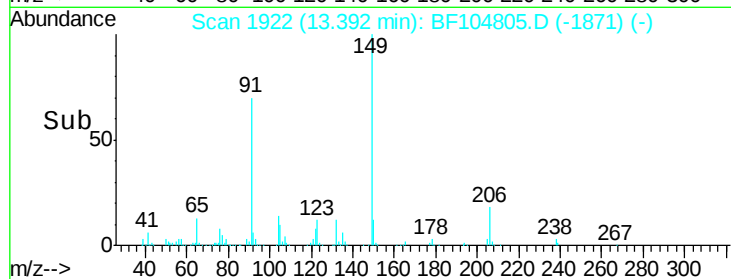
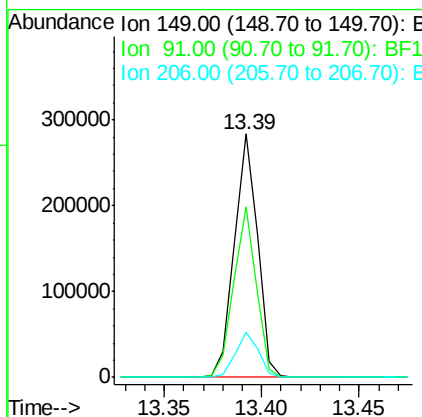
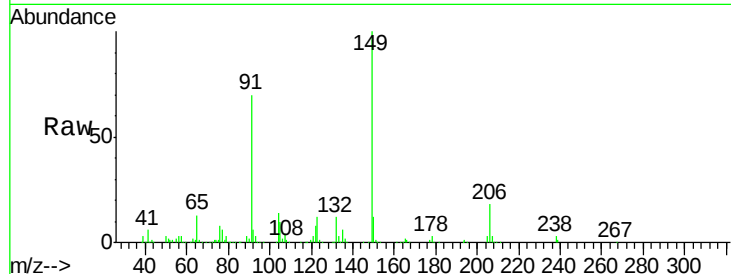
#79
Butylbenzylphthalate
Concen: 35.946 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	233373		
91	69.9	56.8	85.2	
206	18.4	14.1	21.1	

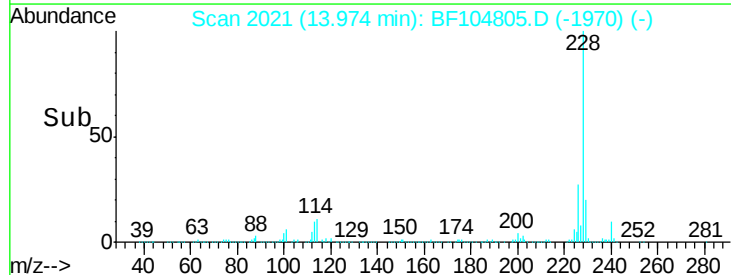
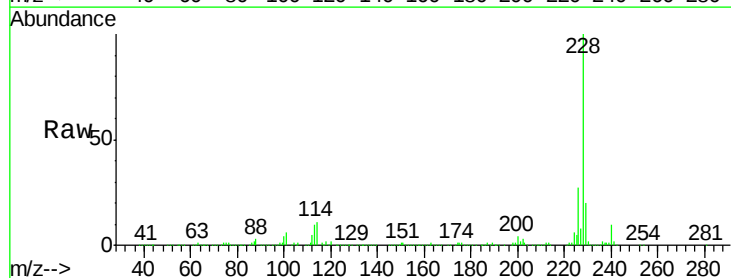
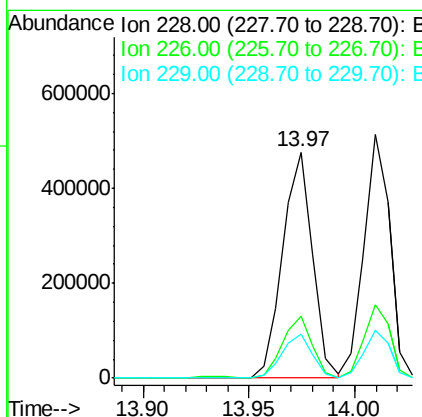
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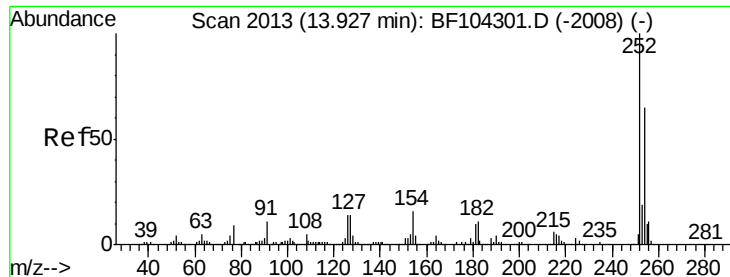
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#80
Benzo(a)anthracene
Concen: 42.330 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	470147		
226	27.1	22.6	33.8	
229	19.5	15.8	23.6	





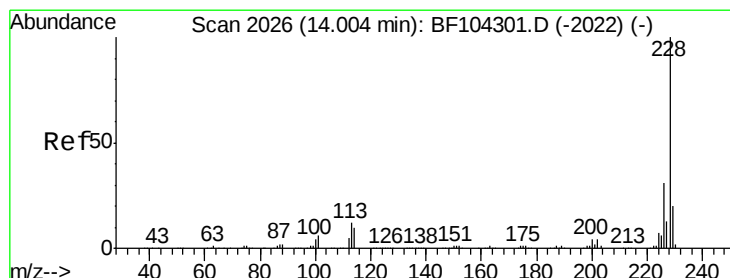
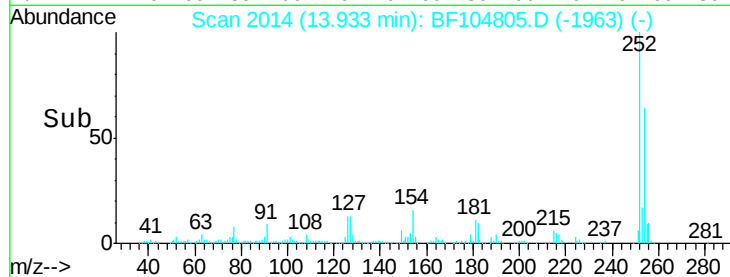
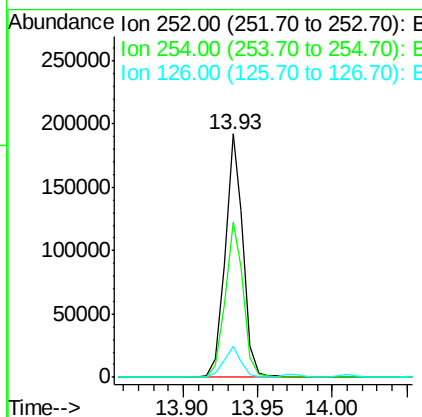
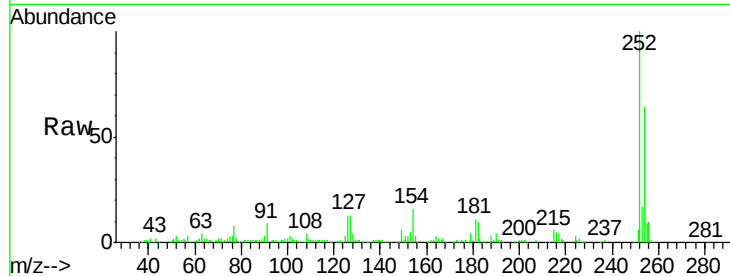
#81
 3,3'-Dichlorobenzidine
 Concen: 39.298 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion:	252	Resp:	162741
Ion Ratio	Lower	Upper	
252	100		
254	63.9	50.4	75.6
126	12.7	11.3	16.9

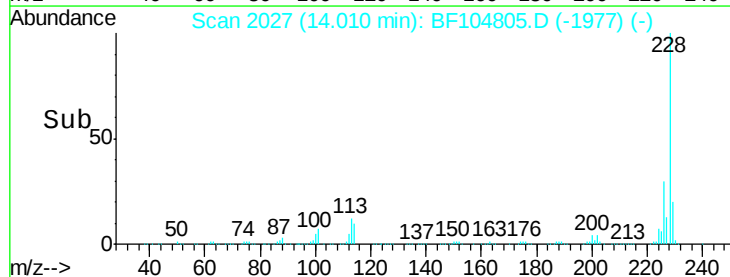
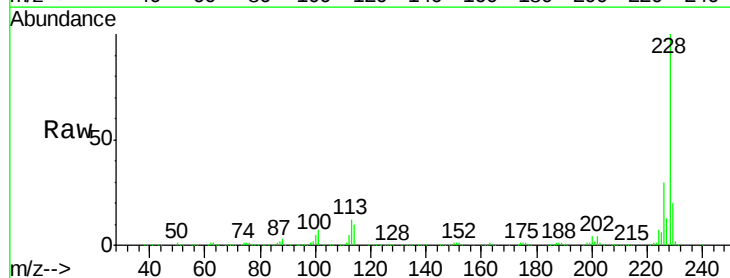
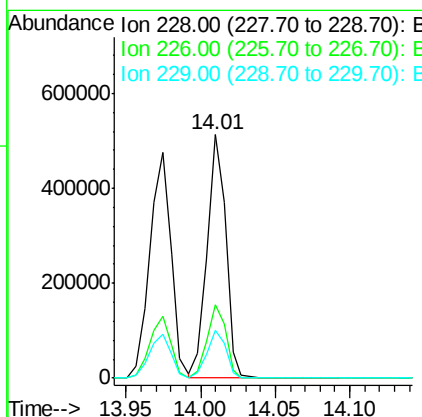
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#82
 Chrysene
 Concen: 38.742 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion:	228	Resp:	441979
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.169 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

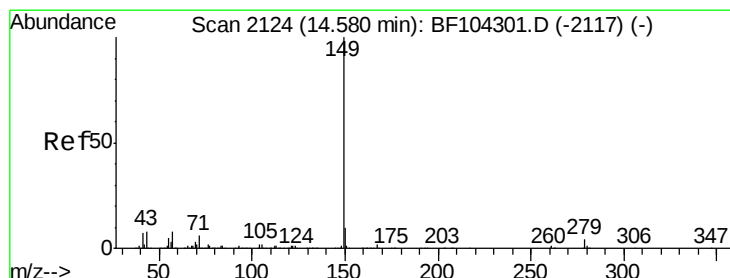
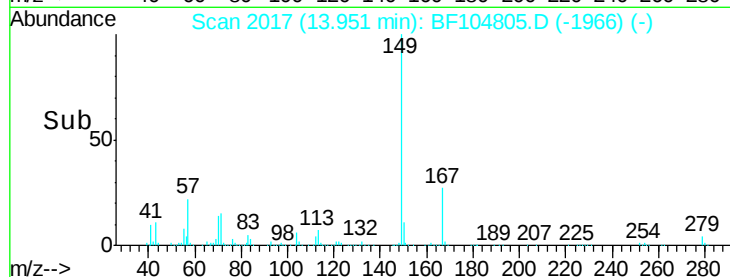
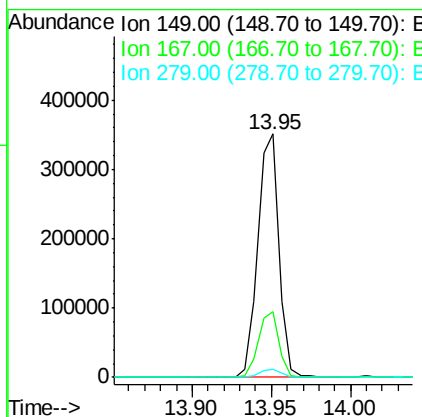
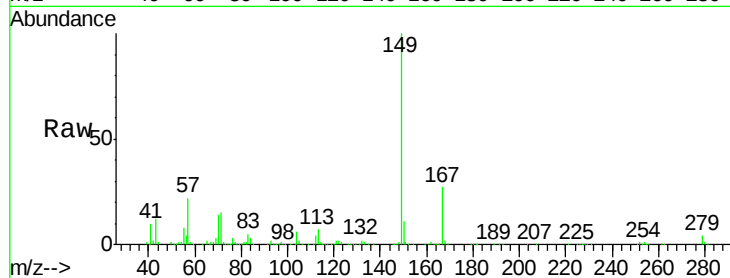
ClientSampleId :

PB108548BS

Tot Ion:	149	Resp:	327087
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 40.949 ng

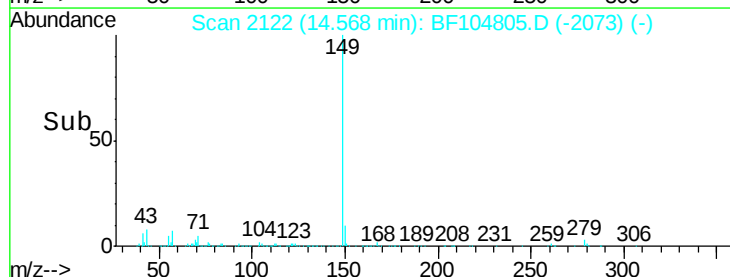
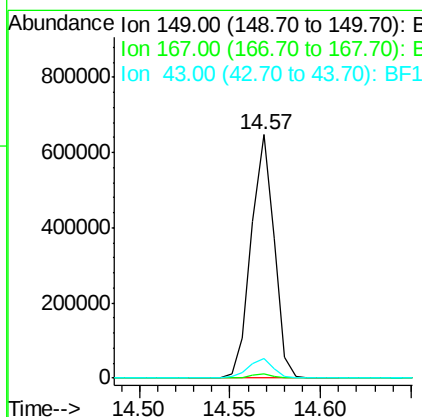
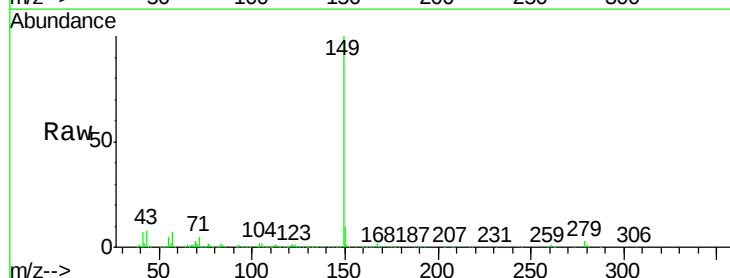
RT: 14.57 min Scan# 2122

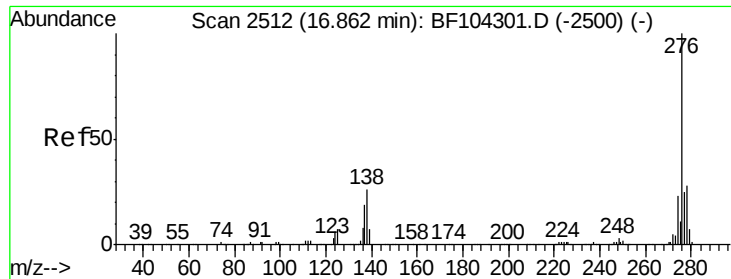
Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	149	Resp:	571366
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.1	8.4	12.6#





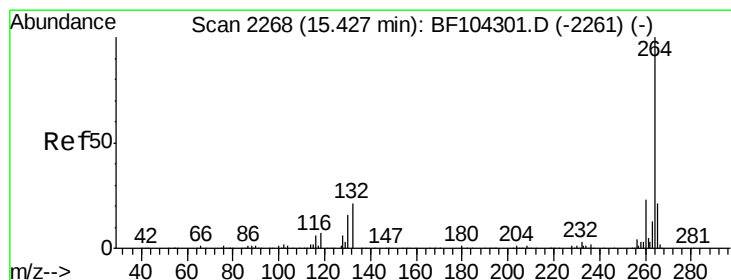
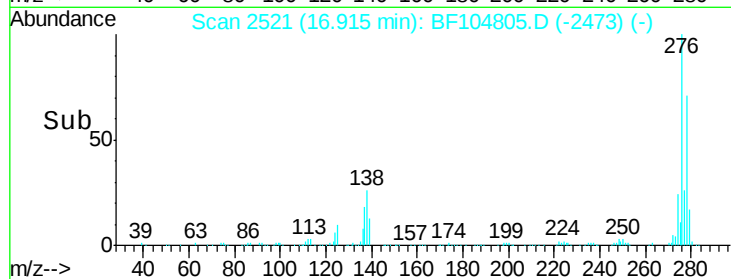
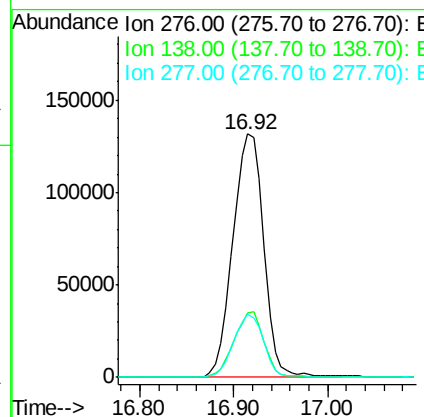
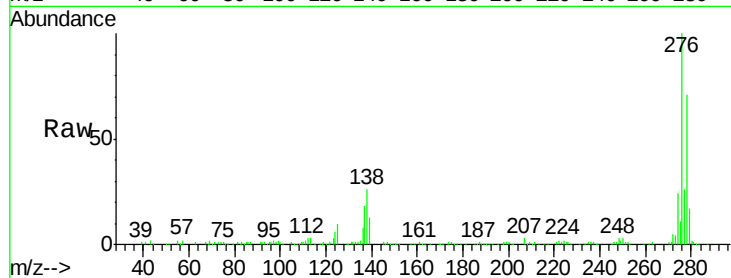
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.114 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.02 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.5	20.1	30.1

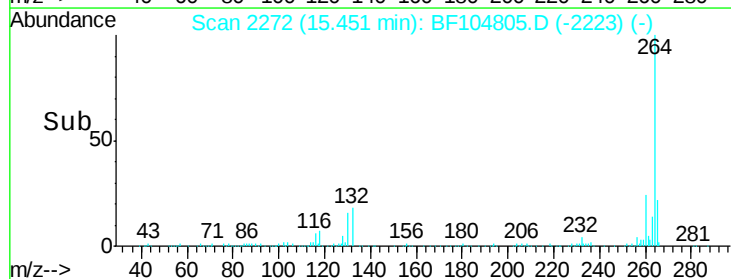
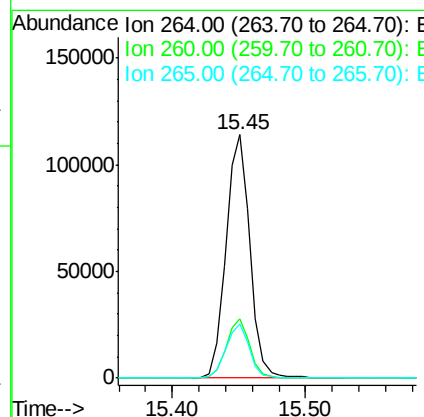
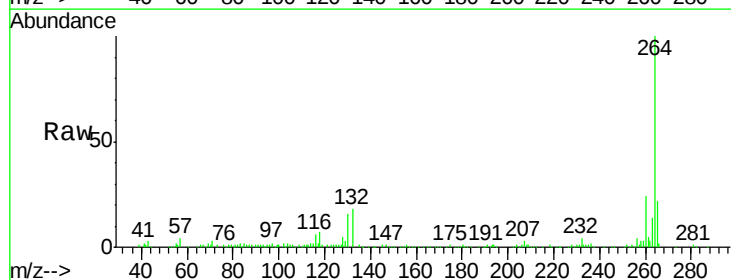
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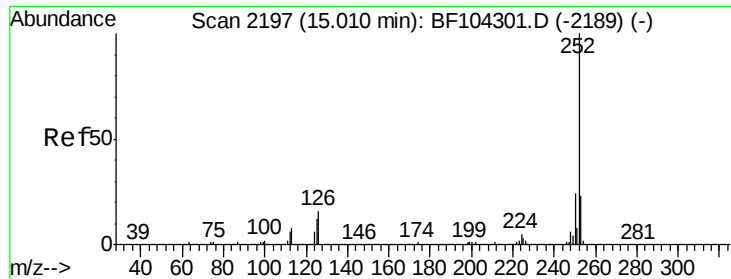
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.155 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Instrument :

BNA_F

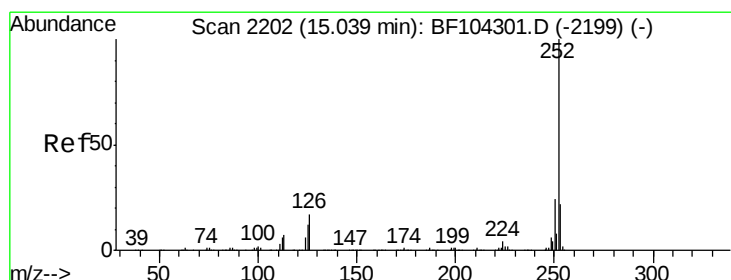
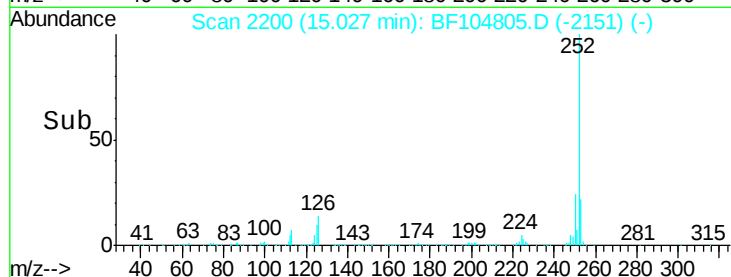
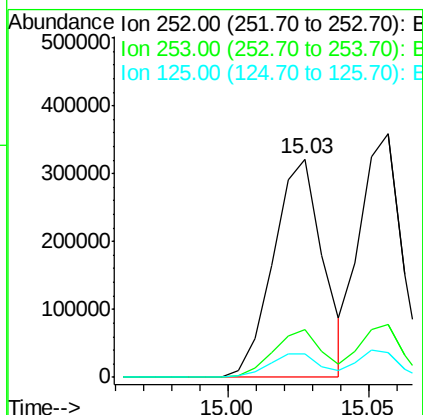
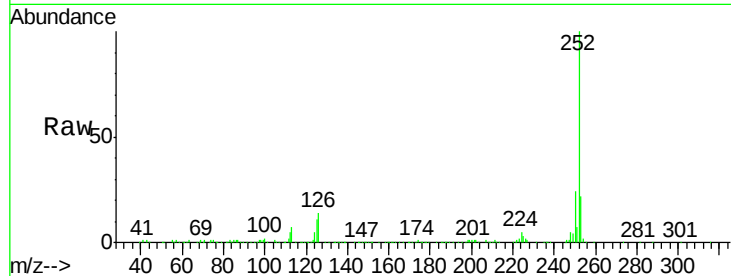
ClientSampleId :

PB108548BS

Tot Ion:	252	Resp:	392404
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	10.5	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 42.915 ng m

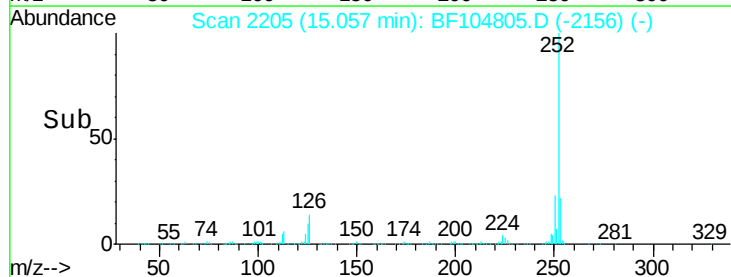
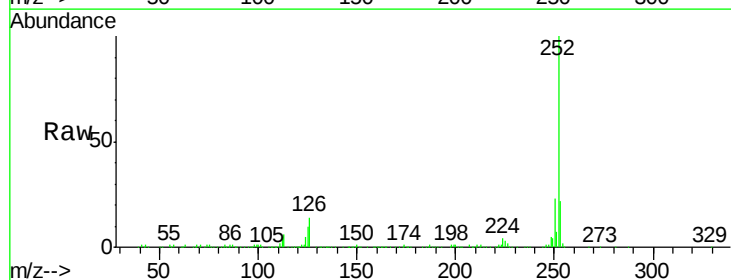
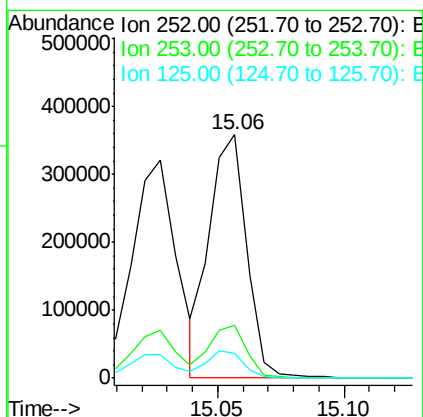
RT: 15.06 min Scan# 2205

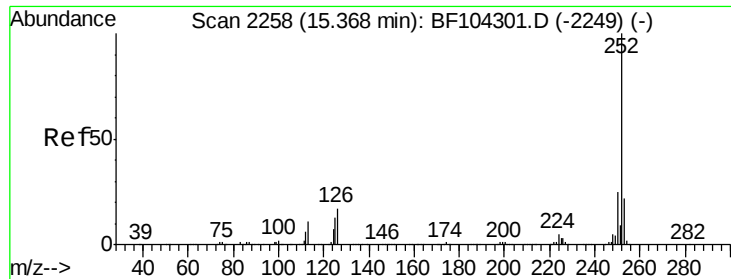
Delta R.T. -0.01 min

Lab File: BF104805.D

Acq: 25 Apr 2018 22:35

Tgt Ion:	252	Resp:	368409
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	10.0	10.2	15.2#





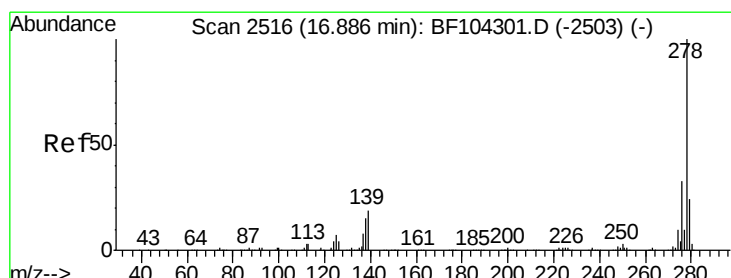
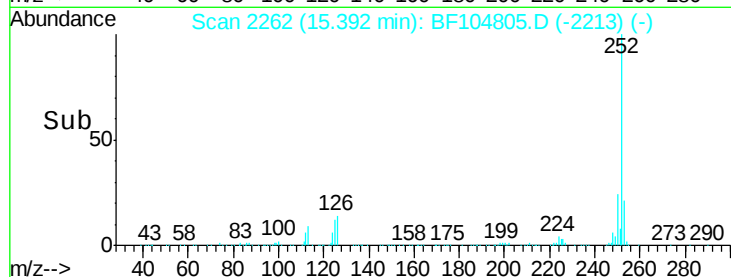
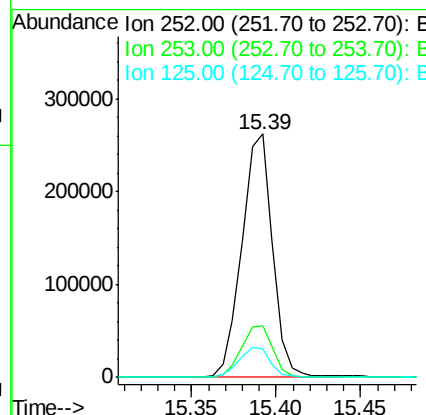
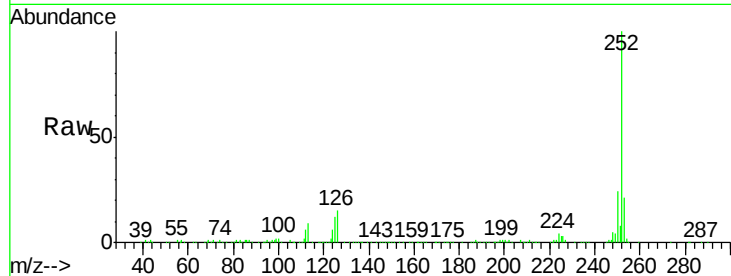
#89
Benzo(a)pyrene
Concen: 40.903 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Instrument :
BNA_F
ClientSampleId :
PB108548BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	11.8	9.8	14.6

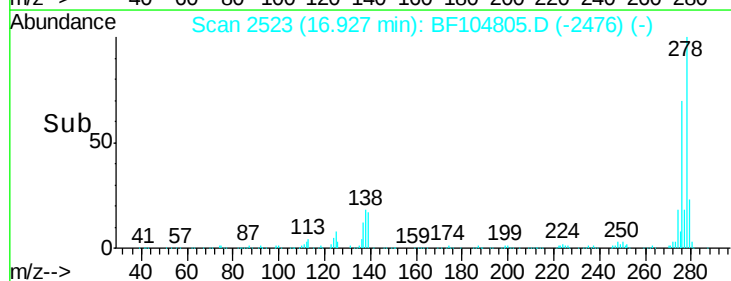
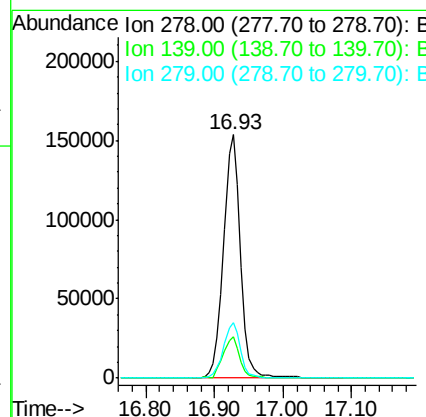
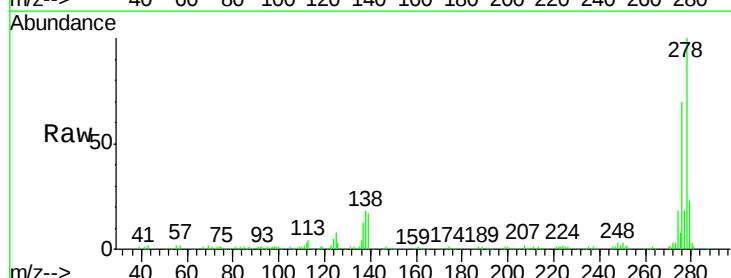
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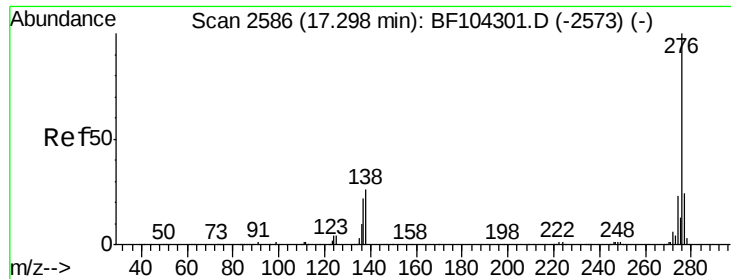
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#90
Dibenzo(a,h)anthracene
Concen: 39.162 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF104805.D
Acq: 25 Apr 2018 22:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	15.9	23.9
279	22.8	19.0	28.4





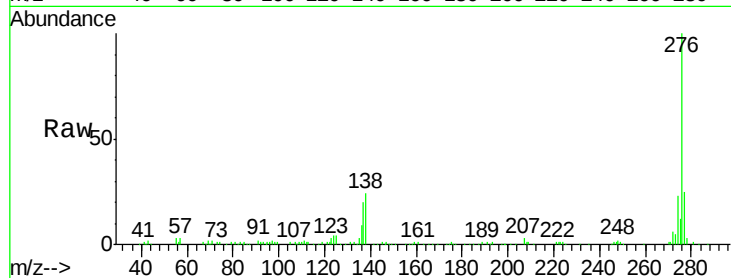
#91
 Benzo(a,h,i)perylene
 Concen: 37.882 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.02 min
 Lab File: BF104805.D
 Acq: 25 Apr 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BS

Tot Ion:	276	Resp:	245240
Ion Ratio	Lower	Upper	
276	100		
277	24.9	17.9	26.9
138	23.9	21.8	32.8

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

