

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104538.D
 Acq On : 16 Apr 2018 17:47
 Operator : JU/SJ
 Sample : PB108254BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:08:56 AM

Quant Time: Apr 16 18:17:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149643	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	623420	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	291847	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	531017	20.00	ng	0.00
75) Chrysene-d12	13.99	240	378858	20.00	ng	0.00
86) Perylene-d12	15.46	264	300188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1098158	112.21	ng	0.02
7) Phenol-d6	6.46	99	1466383	121.95	ng	0.00
23) Nitrobenzene-d5	7.38	82	938922	98.34	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	381036	125.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1570374	85.00	ng	0.00
78) Terphenyl-d14	12.93	244	1560059	93.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	153299	33.617	ng	90
3) Pyridine	3.35	79	449215	35.037	ng	89
4) n-Nitrosodimethylamine	3.30	42	160838	35.887	ng	# 77
6) Aniline	6.47	93	492304	29.469	ng	# 59
8) 2-Chlorophenol	6.60	128	443196	42.906	ng	93
9) Benzaldehyde	6.36	77	135580	18.478	ng	99
10) Phenol	6.47	94	522243	40.933	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	437613	42.982	ng	96
12) 1,3-Dichlorobenzene	6.75	146	474635	40.560	ng	98
13) 1,4-Dichlorobenzene	6.83	146	474291	40.659	ng	99
14) 1,2-Dichlorobenzene	6.98	146	435900	40.324	ng	99
15) Benzyl Alcohol	6.96	79	364556	39.916	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	571306	41.783	ng	90
17) 2-Methylphenol	7.07	107	365528	40.709	ng	95
18) Hexachloroethane	7.32	117	176182	42.361	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	294811	37.519	ng	94
20) 3+4-Methylphenols	7.23	107	418925	37.619	ng	# 75
22) Acetophenone	7.22	105	583484	38.016	ng	96
24) Nitrobenzene	7.40	77	470447	44.631	ng	98
25) Isophorone	7.63	82	770091	38.144	ng	98
26) 2-Nitrophenol	7.71	139	256901	59.867	ng	97
27) 2,4-Dimethylphenol	7.75	122	353376	39.660	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	524505	42.491	ng	100
29) 2,4-Dichlorophenol	7.96	162	365654	43.010	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	378950	40.616	ng	99
31) Naphthalene	8.12	128	1180598	38.031	ng	99
32) Benzoic acid	7.89	122	326401	45.912	ng	96
33) 4-Chloroaniline	8.17	127	308392	23.189	ng	96
34) Hexachlorobutadiene	8.23	225	208061	40.713	ng	100
35) Caprolactam	8.55	113	128433m	43.305	ng	
36) 4-Chloro-3-methylphenol	8.66	107	401506	44.045	ng	99
37) 2-Methylnaphthalene	8.81	142	766461	38.170	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	335667	40.179	ng	99
40) Hexachlorocyclopentadiene	8.96	237	374720	80.119	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	259233	44.700	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	264253	40.718	nq	97
45) 1,1'-Biphenyl	9.27	154	962640	39.264	nq	100
46) 2-Chloronaphthalene	9.30	162	787708	40.676	nq	100
47) 2-Nitroaniline	9.40	65	250782	52.365	nq	98
48) Acenaphthylene	9.72	152	1159056	38.147	nq	99
49) Dimethylphthalate	9.58	163	918693	39.918	nq	100
50) 2,6-Dinitrotoluene	9.64	165	211973	49.776	nq	98
51) Acenaphthene	9.89	154	668261	36.048	nq	100
52) 3-Nitroaniline	9.81	138	176154	35.333	nq	99
53) 2,4-Dinitrophenol	9.92	184	185799	96.183	nq	# 20
54) Dibenzofuran	10.06	168	1030495	39.888	nq	99
55) 4-Nitrophenol	9.99	139	349524	89.249	nq	95
56) 2,4-Dinitrotoluene	10.05	165	277479	49.674	nq	# 98
57) Fluorene	10.40	166	741891	39.453	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	212346	43.858	nq	95
59) Diethylphthalate	10.28	149	889889	38.825	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	368686	44.024	nq	100
61) 4-Nitroaniline	10.43	138	235272	48.264	nq	96
62) Azobenzene	10.56	77	882492	40.300	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	148715	56.049	nq	83
65) n-Nitrosodiphenylamine	10.52	169	743317	40.372	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	239808	42.457	nq	93
67) Hexachlorobenzene	10.95	284	264777	41.661	nq	92
68) Atrazine	11.04	200	244784	44.046	nq	99
69) Pentachlorophenol	11.15	266	280804	71.417	nq	97
70) Phenanthrene	11.37	178	1113169	37.643	nq	99
71) Anthracene	11.42	178	1121287	37.301	nq	100
72) Carbazole	11.58	167	1156343	39.366	nq	99
73) Di-n-butylphthalate	11.90	149	1393500	38.835	nq	100
74) Fluoranthene	12.56	202	1144315	37.036	nq	100
76) Benzidine	12.68	184	431383	31.523	nq	98
77) Pyrene	12.79	202	1181040	42.056	nq	99
79) Butylbenzylphthalate	13.40	149	577156	43.625	nq	98
80) Benzo(a)anthracene	13.98	228	930281	41.102	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	261976	31.044	nq	98
82) Chrysene	14.02	228	911769	39.219	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	747298	43.915	nq	99
84) Di-n-octyl phthalate	14.59	149	1138746	40.049	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	772825	39.133	nq	99
87) Benzo(b)fluoranthene	15.03	252	750742	39.597	nq	98
88) Benzo(k)fluoranthene	15.06	252	729651	40.764	nq	99
89) Benzo(a)pyrene	15.40	252	672912	39.667	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	637179	45.733	nq	98
91) Benzo(g,h,i)perylene	17.36	276	671112	49.719	nq	98

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

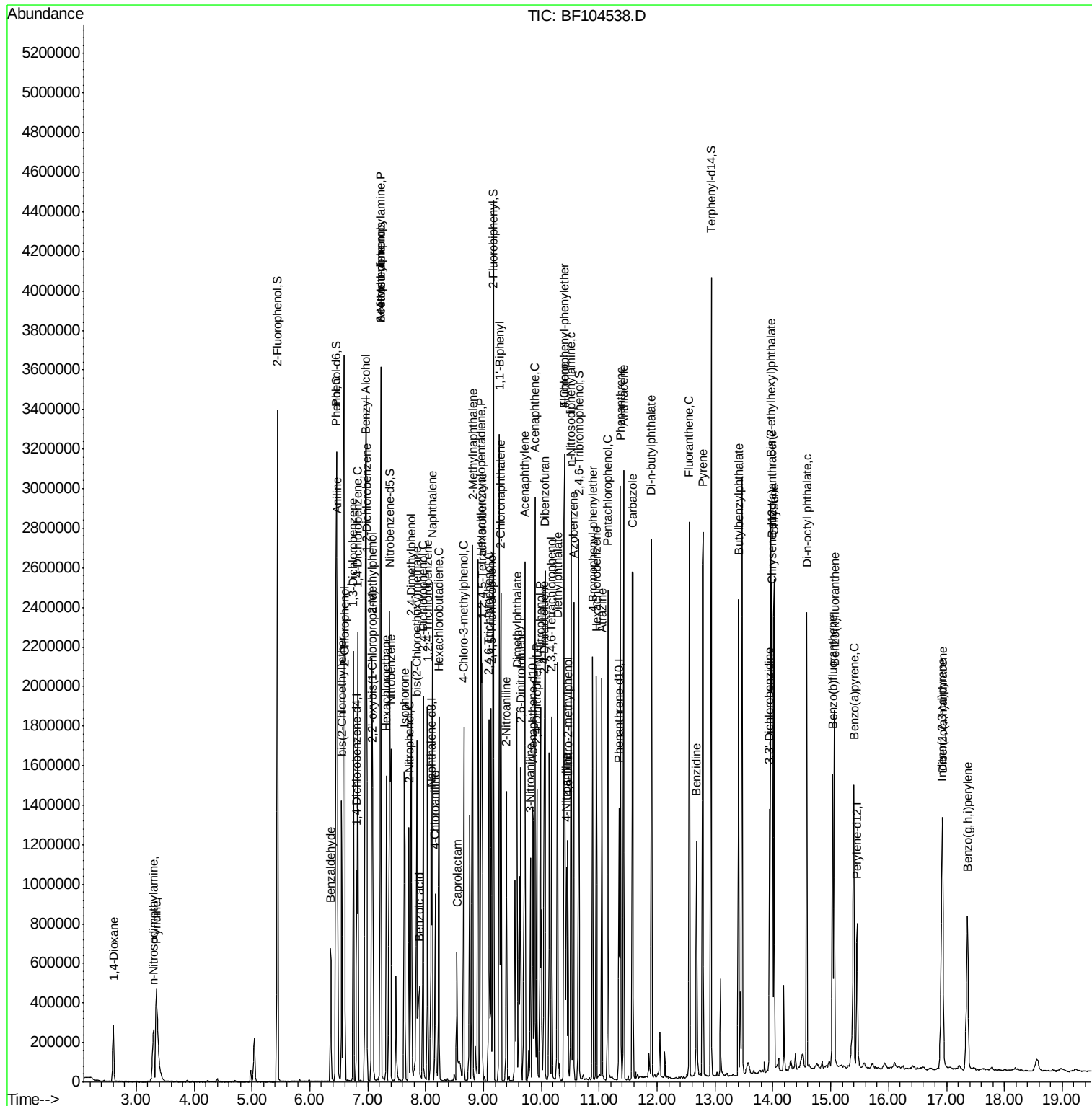
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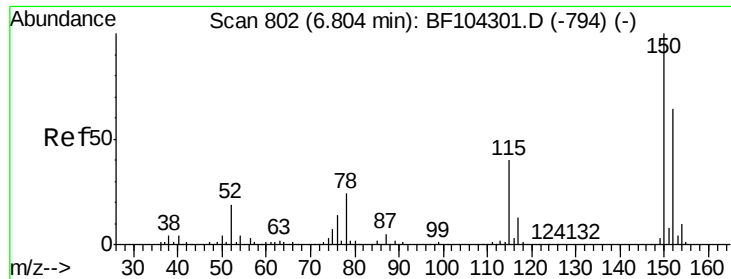
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#1

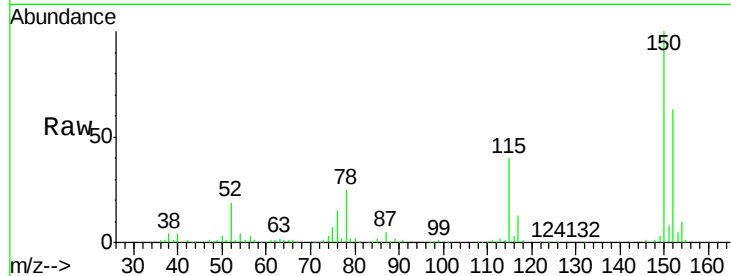
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

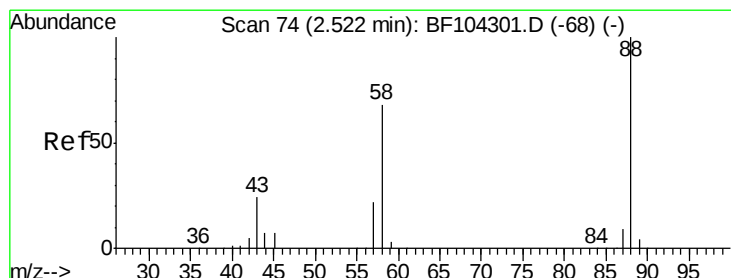
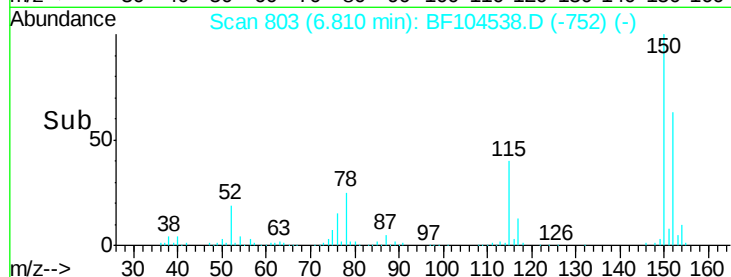
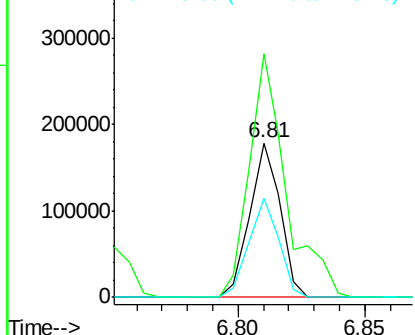
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.9	50.1	75.1

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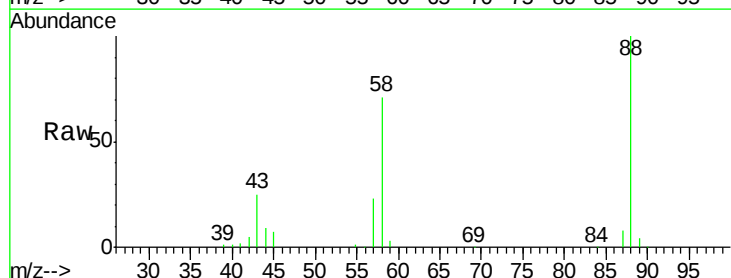
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



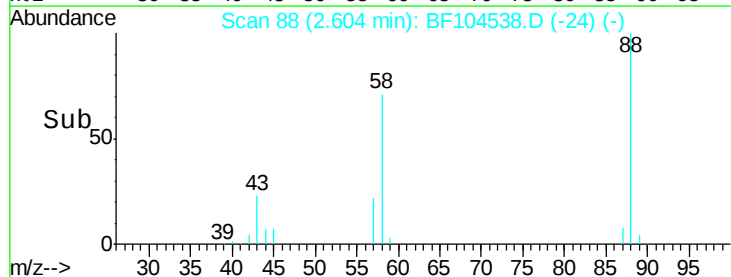
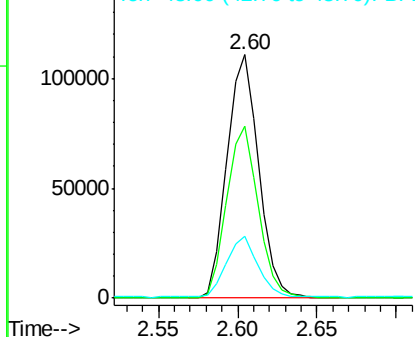
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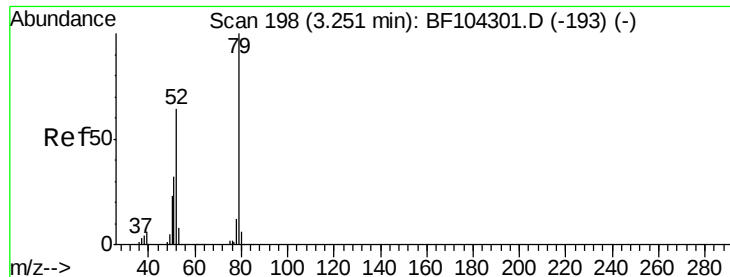
1,4-Dioxane
Concen: 33.617 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.08 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	62.6	93.8
43	25.1	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: 35.037 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

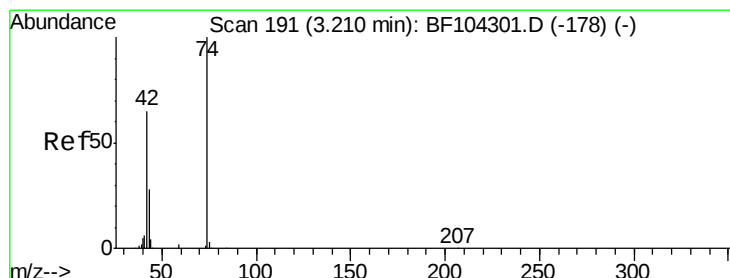
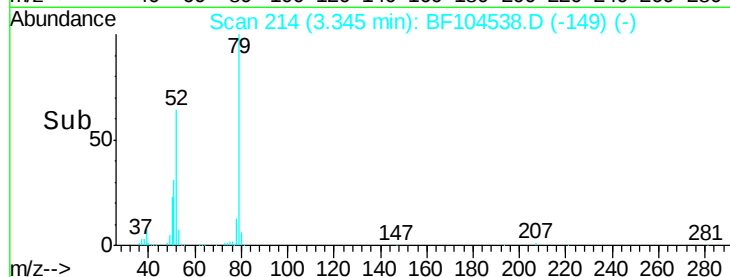
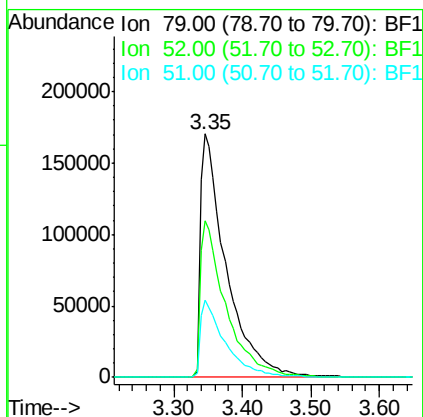
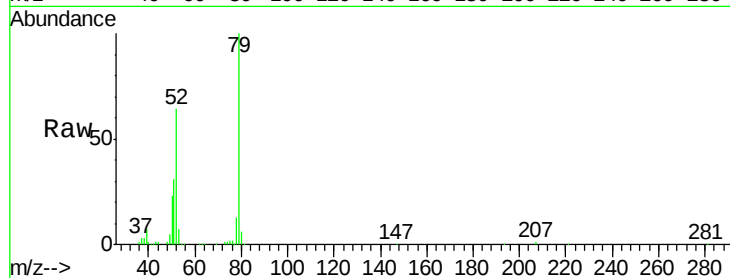
ClientSampleId :

PB108254BS

Tot Ion:	79	Resp:	449215
Ion Ratio	Lower	Upper	
79	100		
52	64.4	59.8	89.6
51	31.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.887 ng

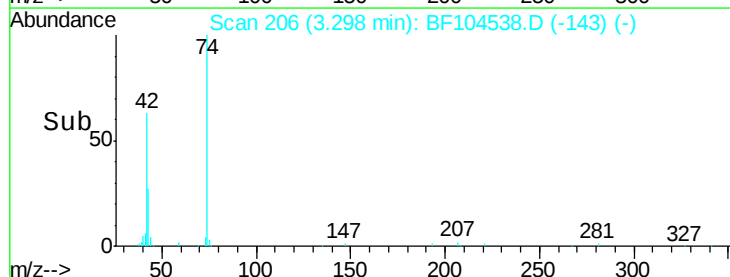
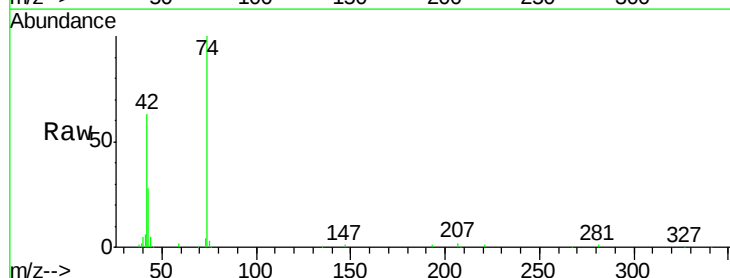
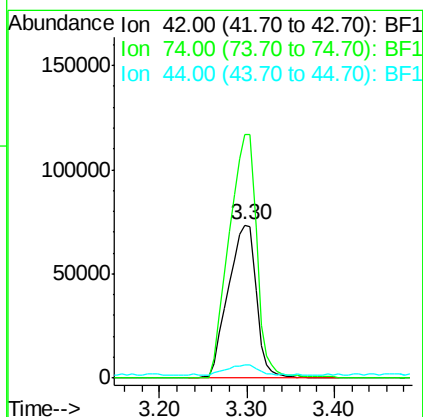
RT: 3.30 min Scan# 206

Delta R.T. 0.07 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	42	Resp:	160838
Ion Ratio	Lower	Upper	
42	100		
74	159.3	104.9	157.3#
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 112.210 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

Tot Ion: 112 Resp: 1098158

Ion Ratio Lower Upper

112 100

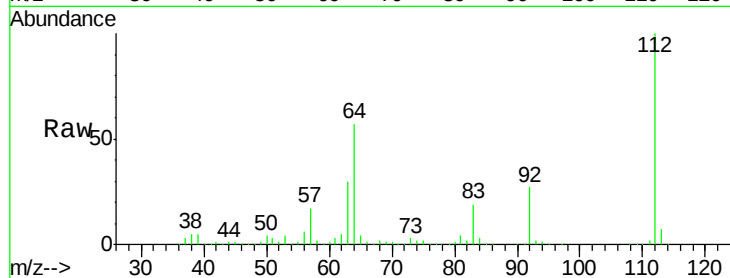
64 57.3 47.9 71.9

63 29.7 23.7 35.5

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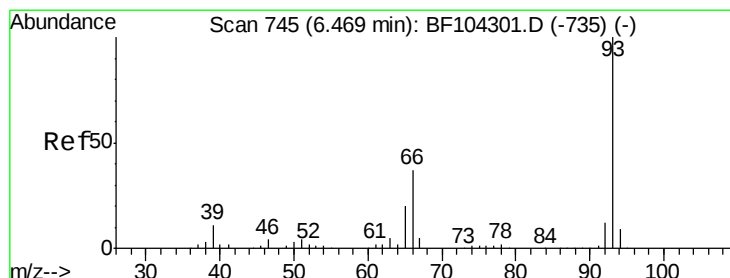
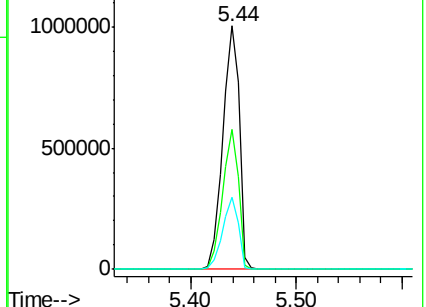
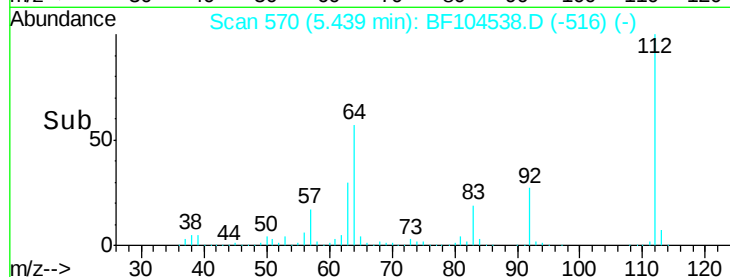
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.469 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

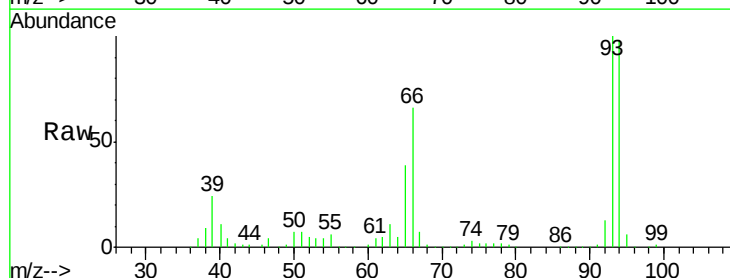
Tgt Ion: 93 Resp: 492304

Ion Ratio Lower Upper

93 100

66 66.0 32.2 48.2#

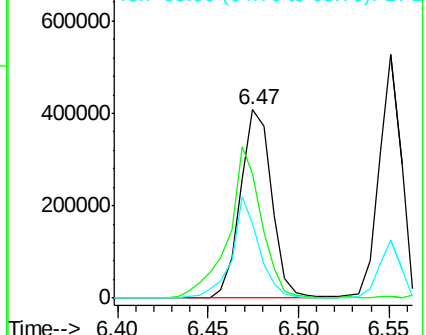
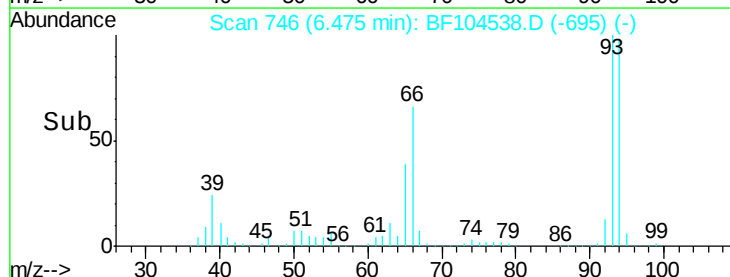
65 39.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.949 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104538.D

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Tot Ion: 99 Resp: 1466383

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

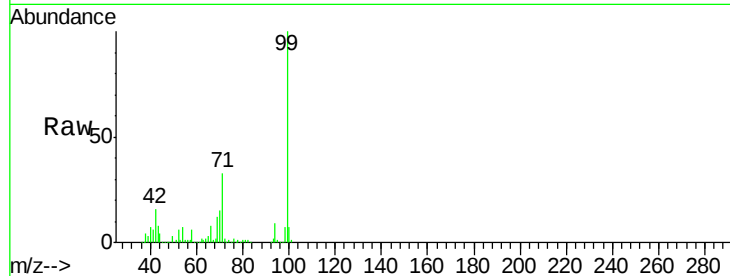
71 33.1 25.4 38.0

Manual Integrations

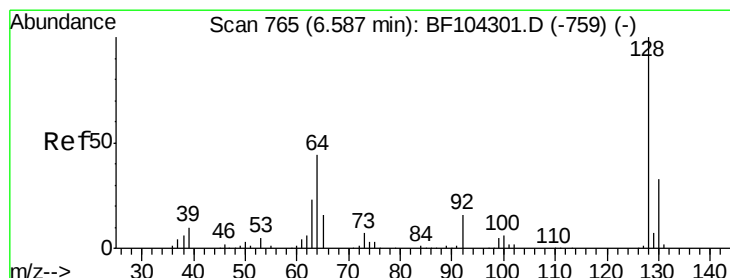
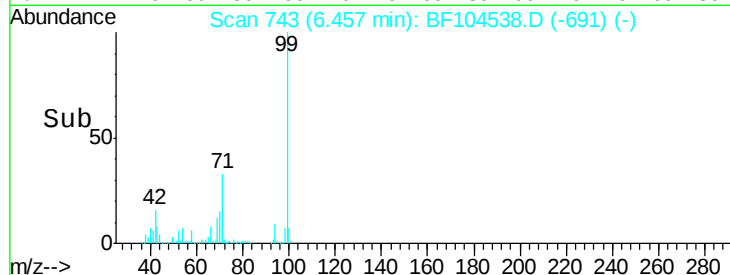
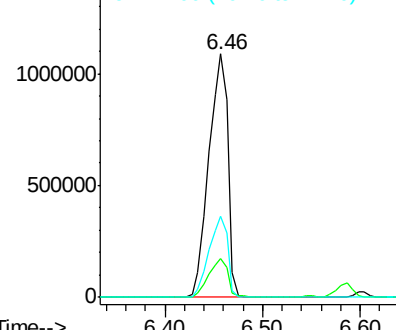
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.906 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

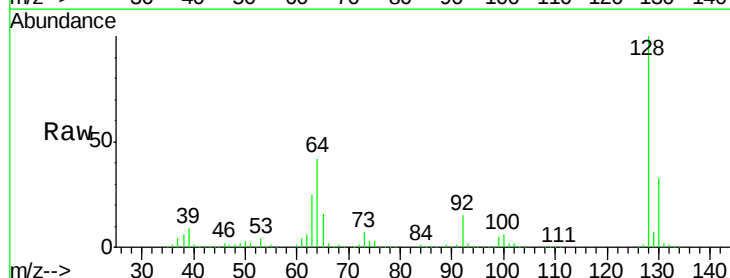
Tgt Ion: 128 Resp: 443196

Ion Ratio Lower Upper

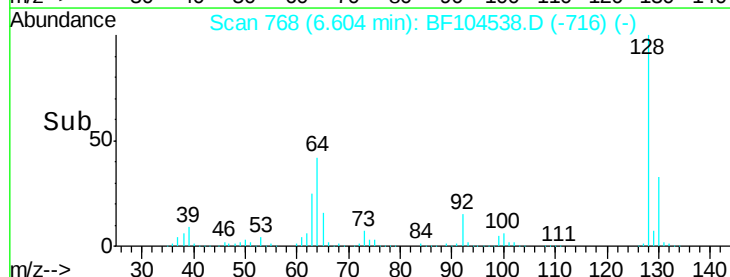
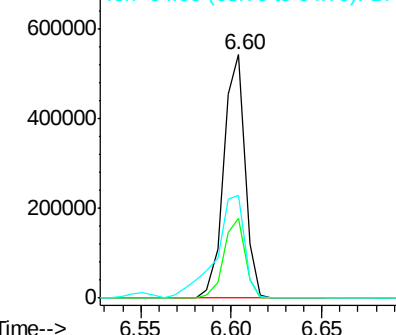
128 100

130 32.8 13.0 53.0

64 42.1 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.478 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

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BNA_F

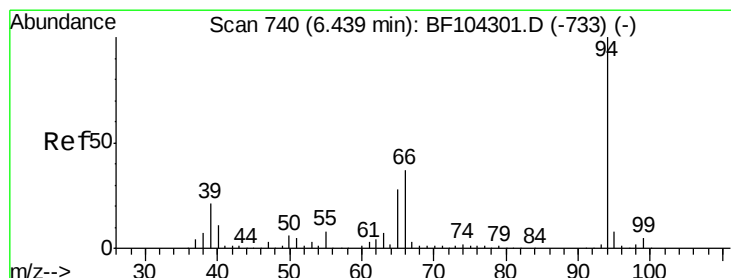
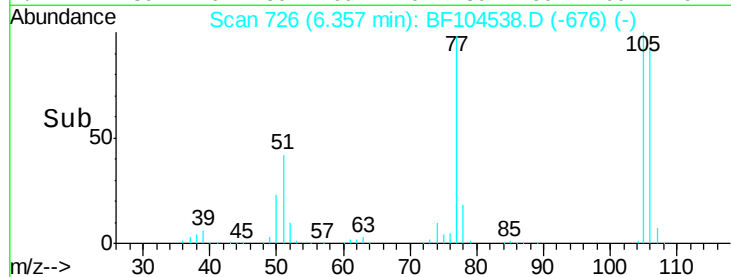
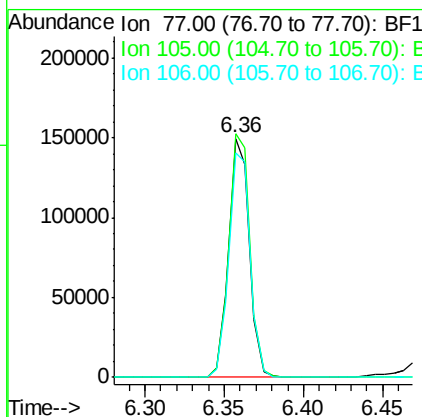
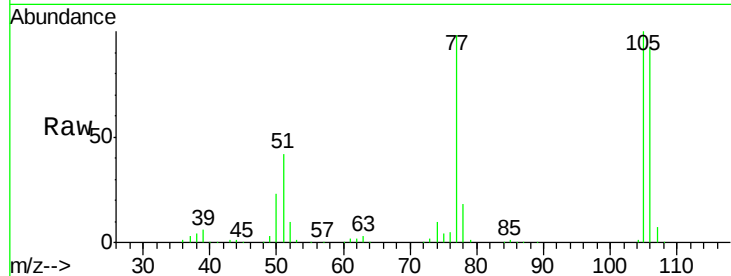
ClientSampleId :

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Tot Ion:	77	Resp:	135580
Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	94.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.933 ng

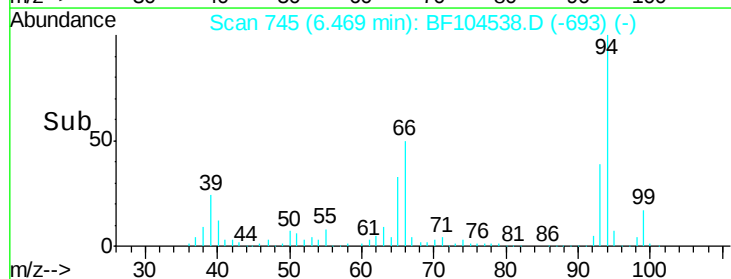
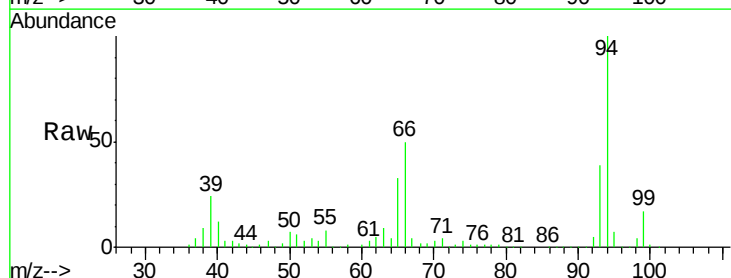
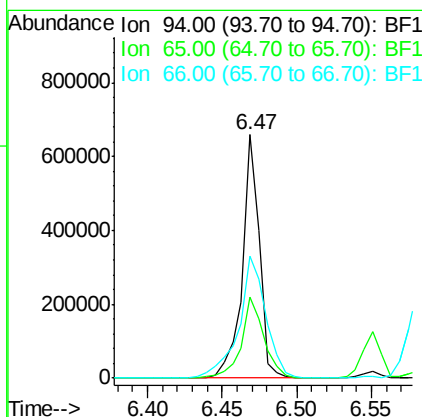
RT: 6.47 min Scan# 745

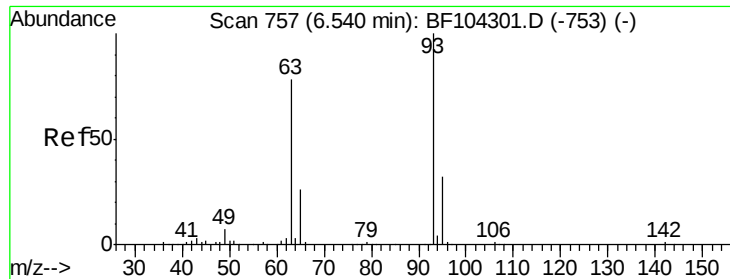
Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	94	Resp:	522243
Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	49.9	16.2	56.2





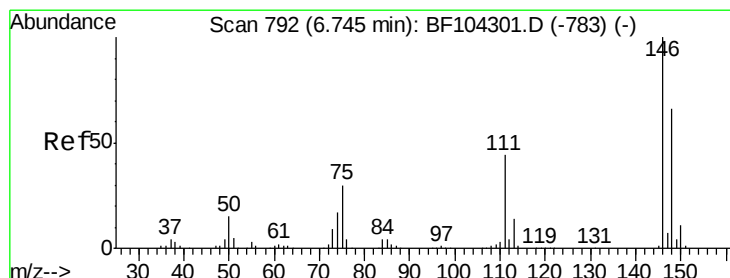
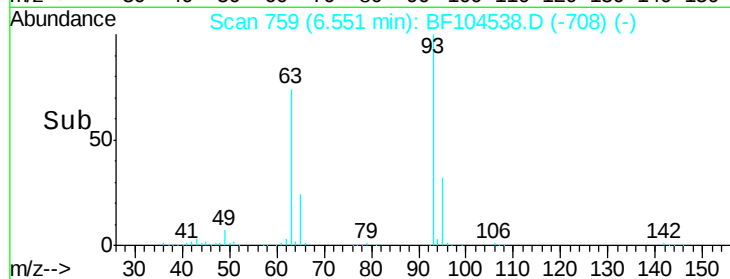
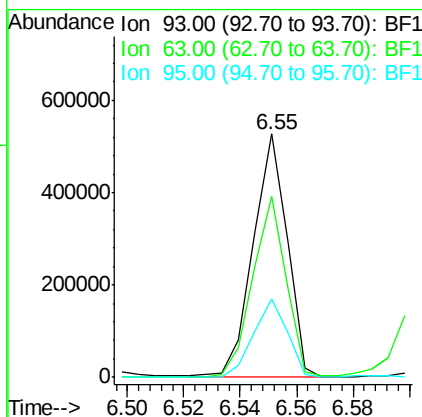
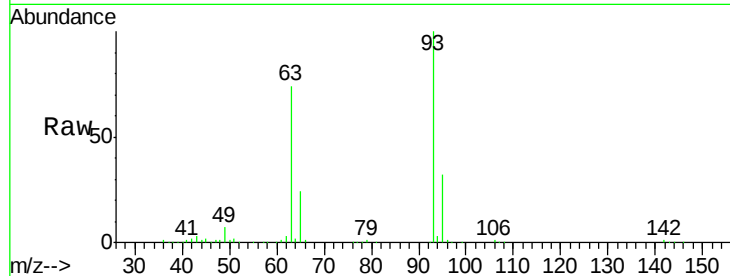
#11
bis(2-Chloroethyl)ether
Concen: 42.982 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	437613		
63	74.3	58.6	98.6	
95	32.4	11.8	51.8	

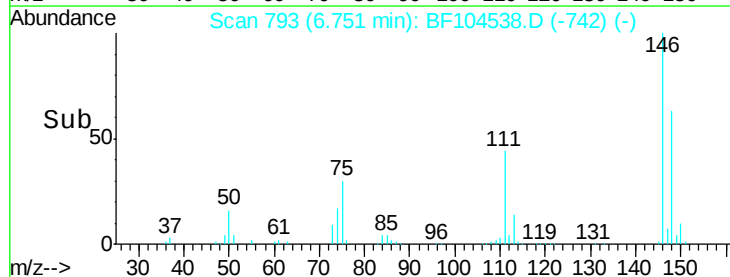
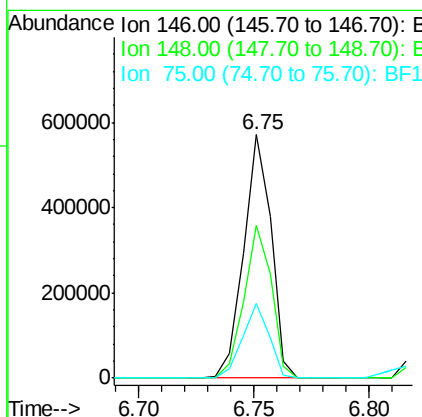
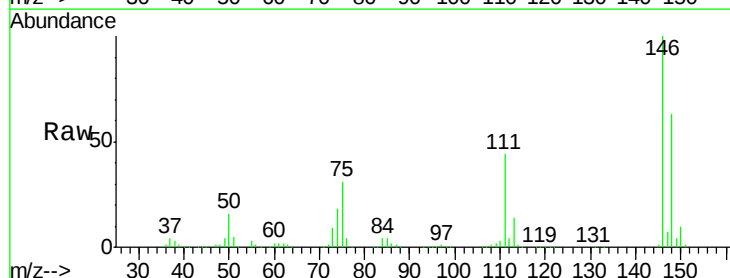
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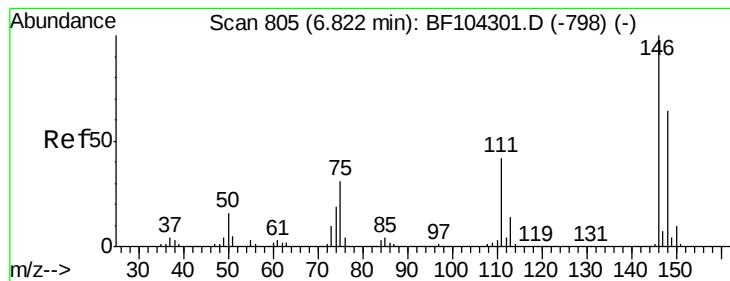
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#12
1,3-Dichlorobenzene
Concen: 40.560 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	474635		
148	62.9	51.8	77.8	
75	30.6	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 40.659 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

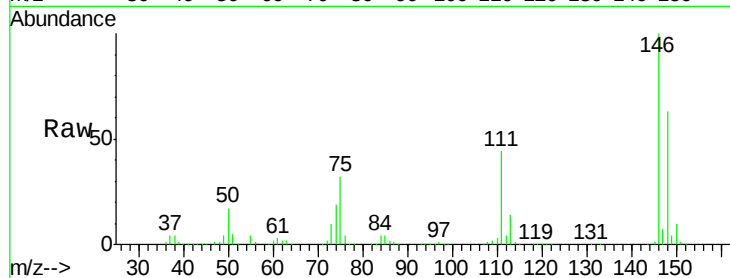
ClientSampleId :

PB108254BS

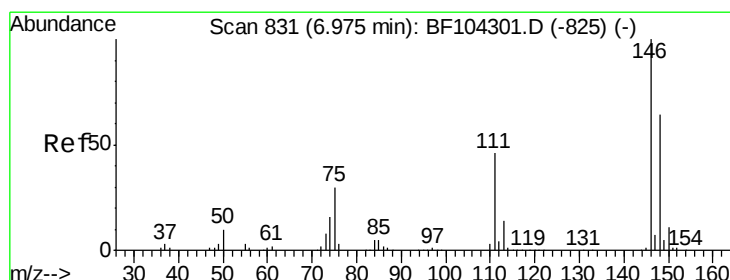
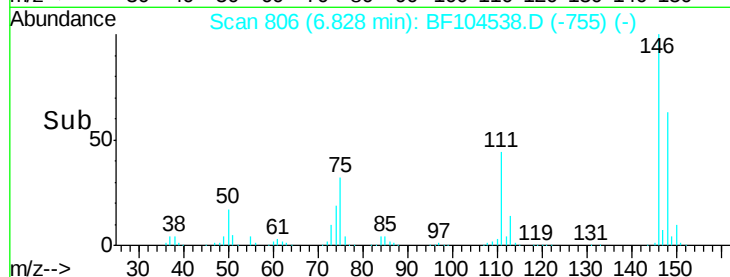
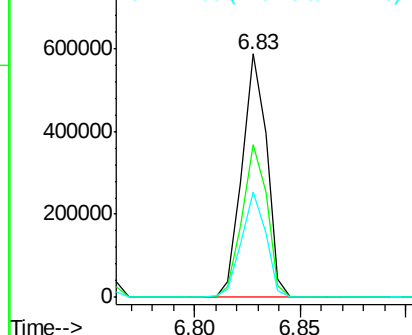
Tot Ion:	146	Resp:	474291
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	43.5	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.324 ng

RT: 6.98 min Scan# 832

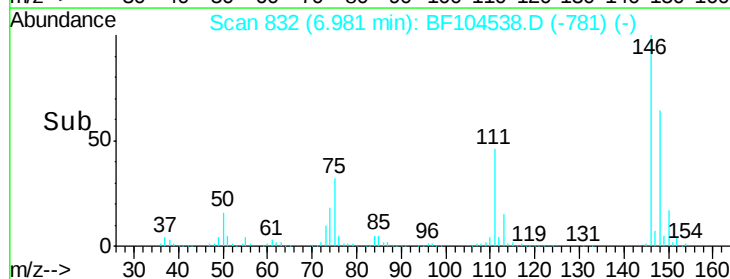
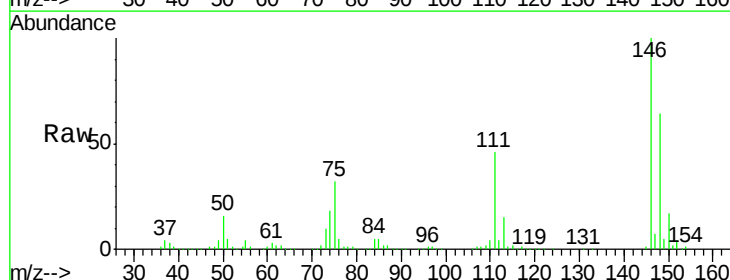
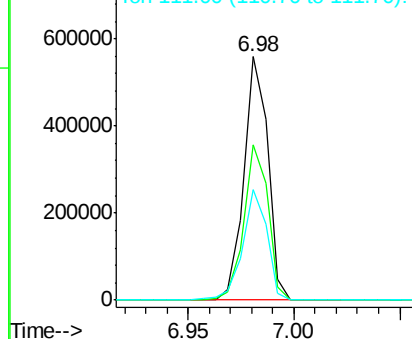
Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	146	Resp:	435900
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	45.6	36.0	54.0

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





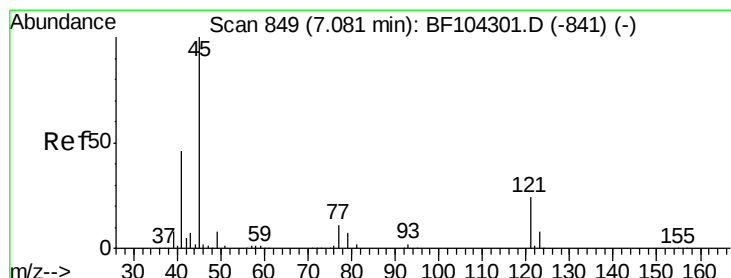
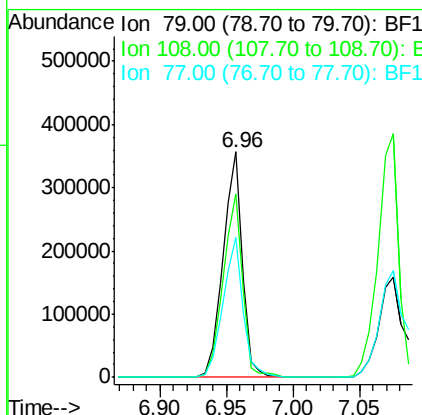
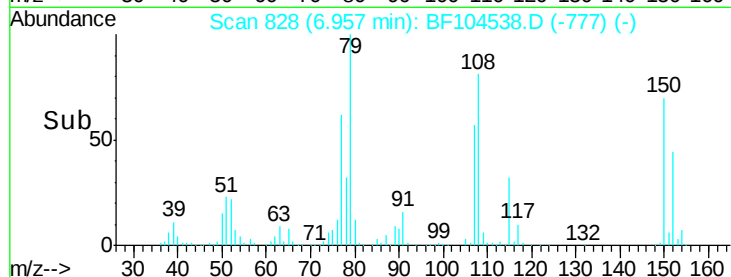
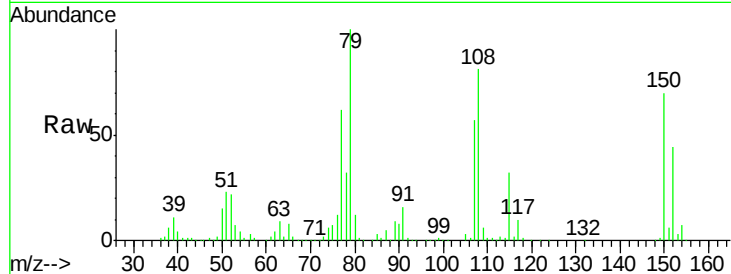
#15
Benzyl Alcohol
Concen: 39.916 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleID :
PB108254BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	65.1	97.7
77	62.3	50.6	75.8

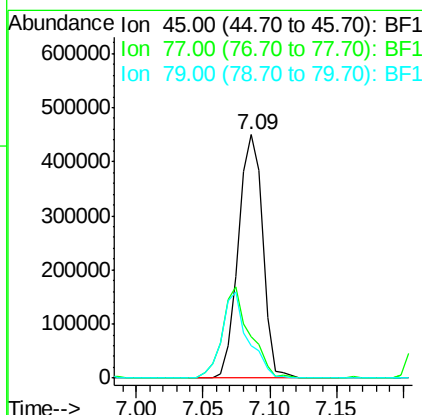
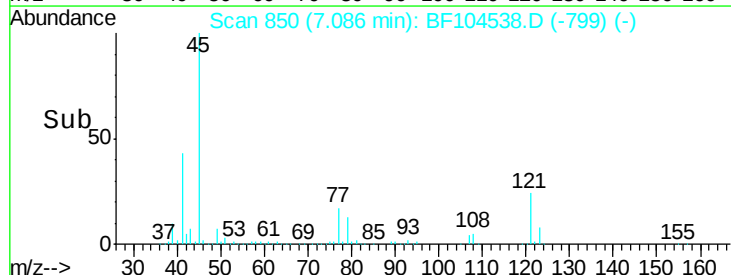
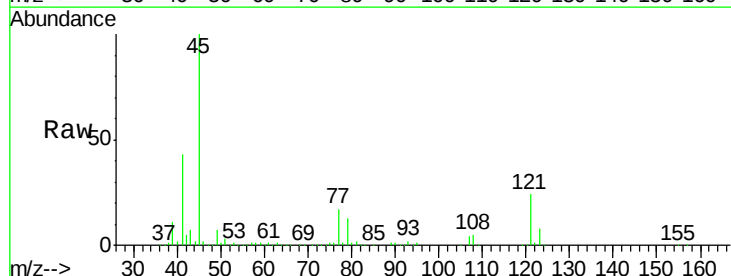
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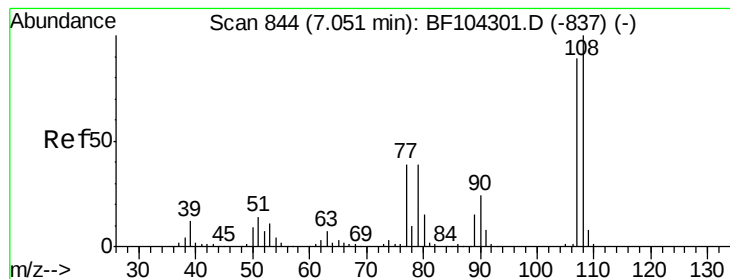
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.783 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	32.9
79	13.2	0.0	29.6





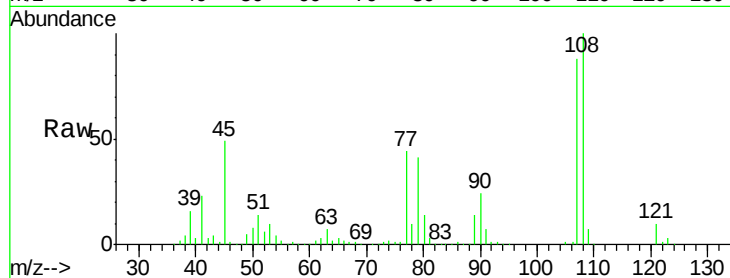
#17
2-Methylphenol
Concen: 40.709 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

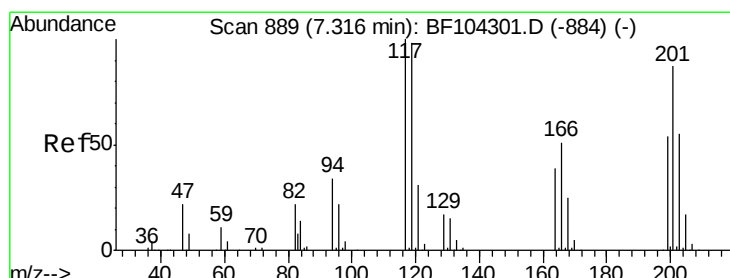
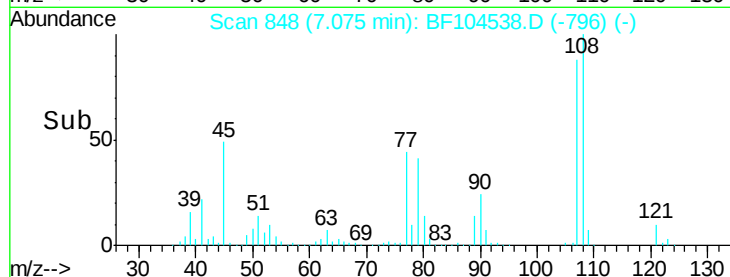
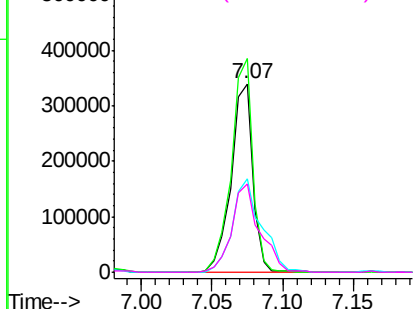
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.7	137.5	
77	49.9	33.8	50.8	
79	46.7	33.8	50.8	

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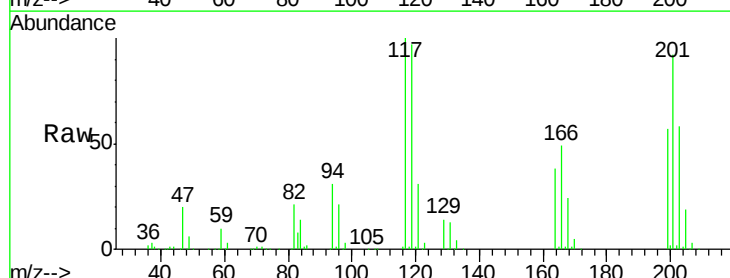


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

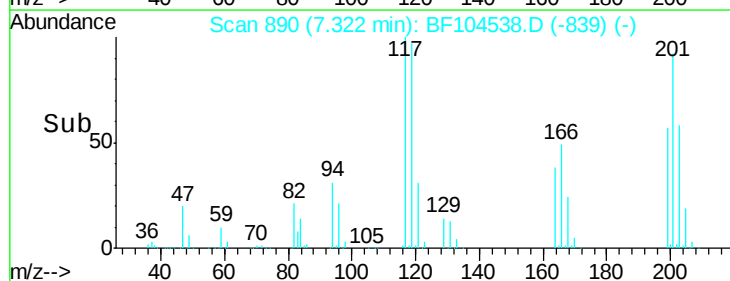
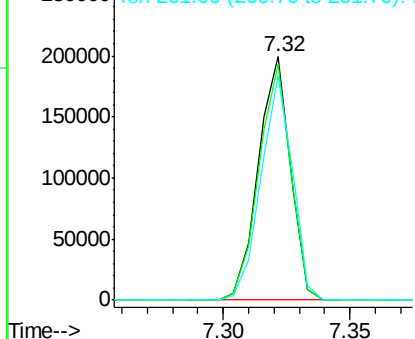


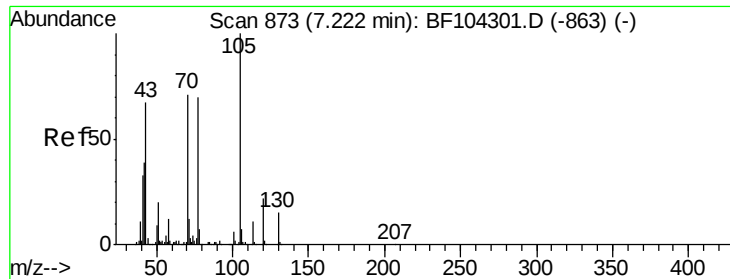
#18
Hexachloroethane
Concen: 42.361 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	92.0	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





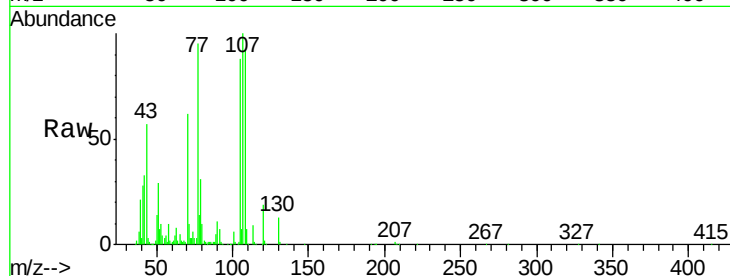
#19
n-Nitroso-di-n-propylamine
Concen: 37.519 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.5	47.5	71.3
101	9.5	7.4	11.2
130	20.4	16.6	25.0

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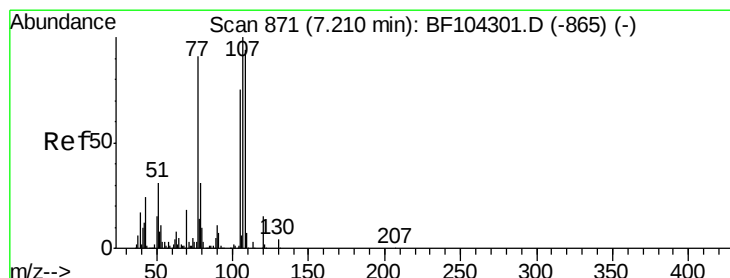
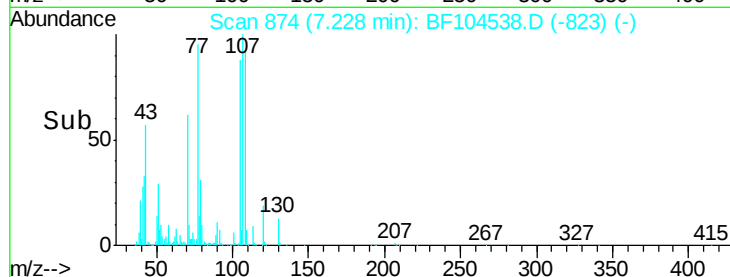
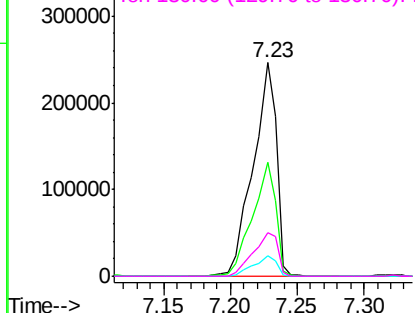


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.619 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

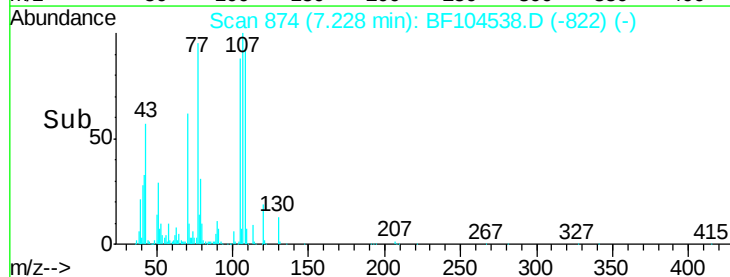
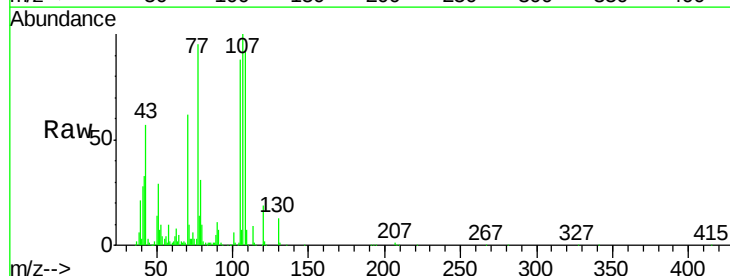
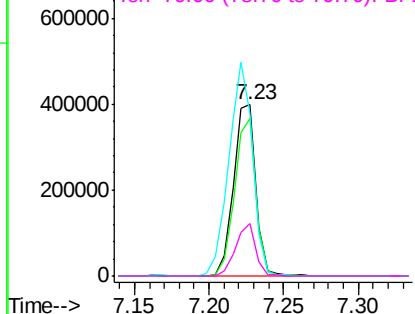
Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	95.0	26.7	66.7#
79	30.8	6.3	46.3

Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

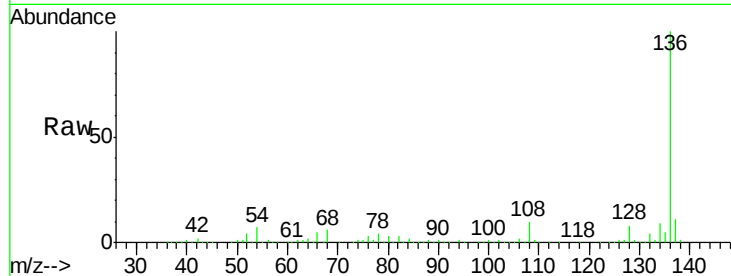
ClientSampleId :

PB108254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		623420		
137	10.7		8.9	13.3	
54	6.8		6.6	9.8	
68	5.9		5.0	7.4	

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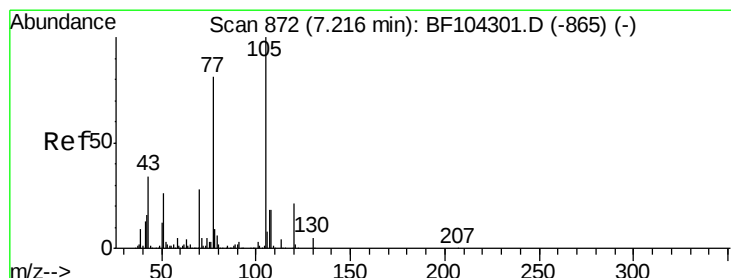
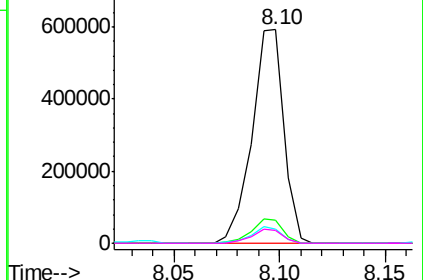
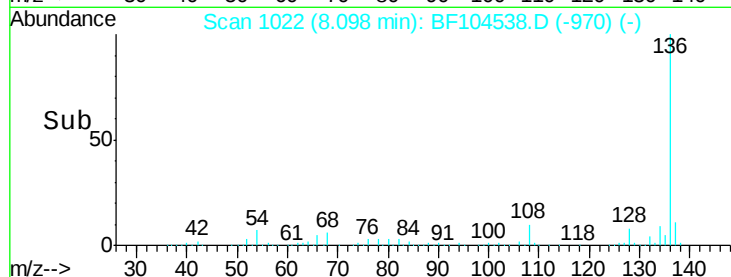


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.016 ng

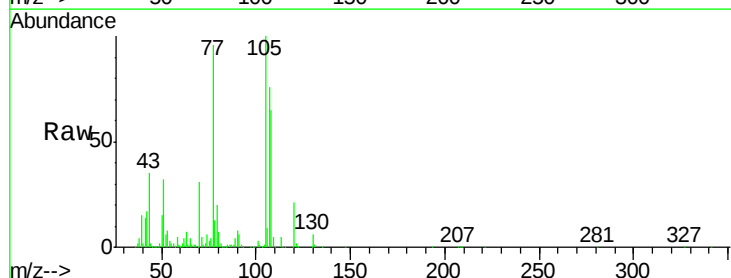
RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		583484		
71	5.3		4.4	6.6	
51	31.8		22.3	33.5	
120	21.1		16.9	25.3	

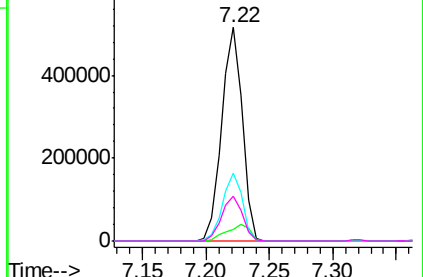
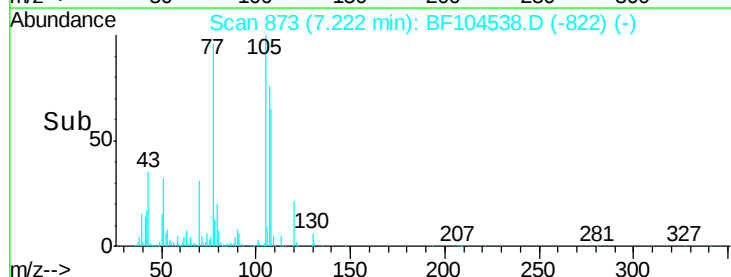


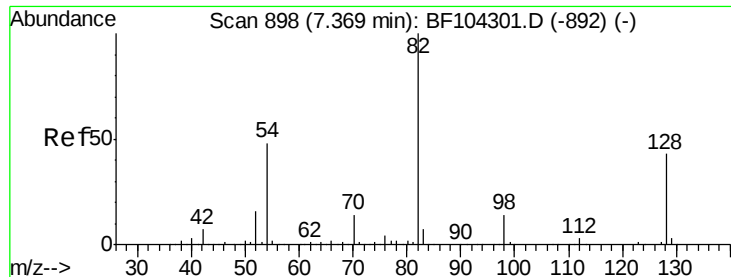
Abundance Ion 105.00 (104.70 to 105.70): E

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





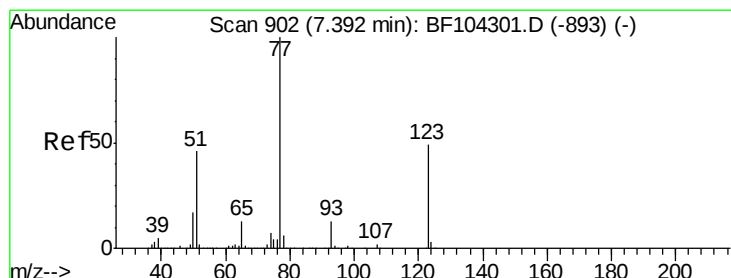
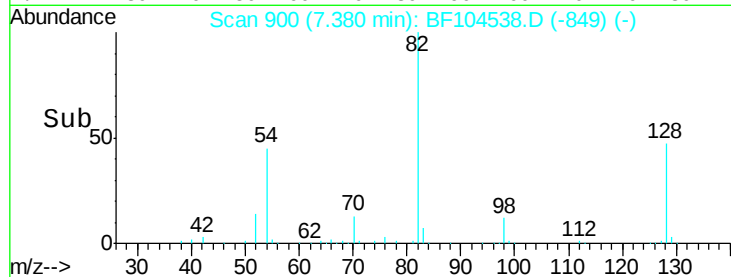
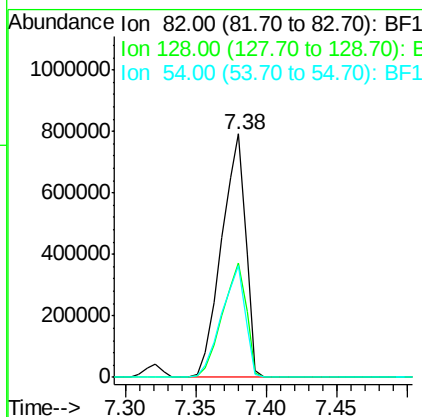
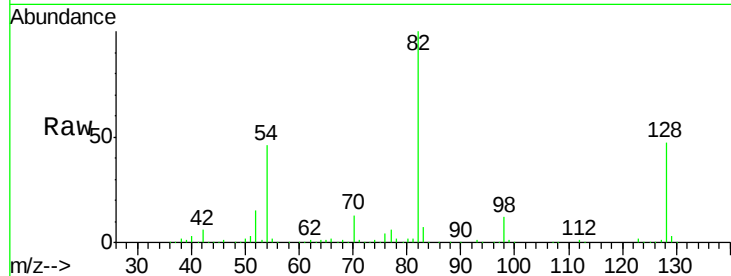
#23
 Nitrobenzene-d5
 Concen: 98.344 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleID :
 PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	938922		
128	46.8	36.1	54.1	
54	46.0	41.4	62.2	

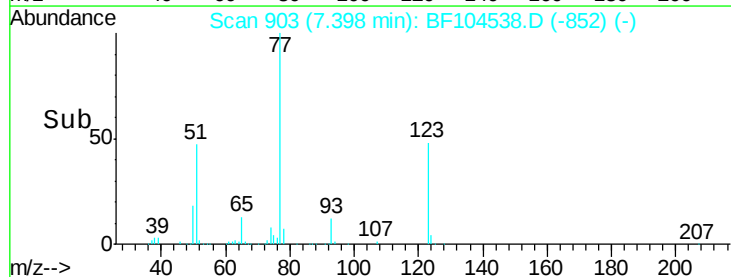
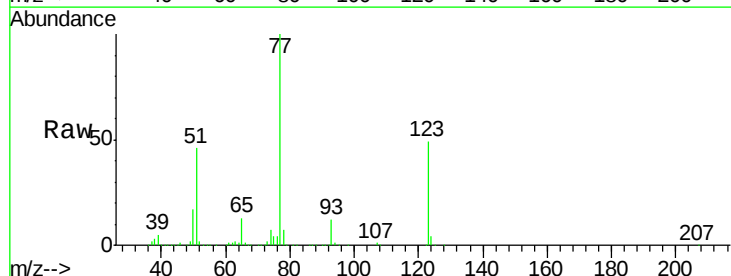
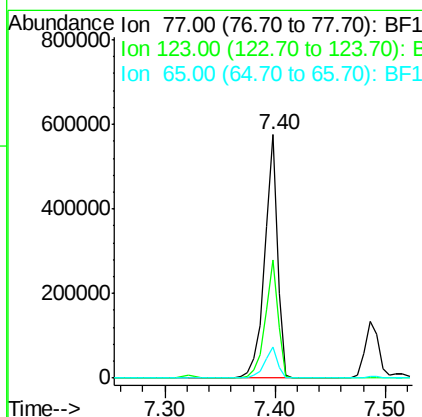
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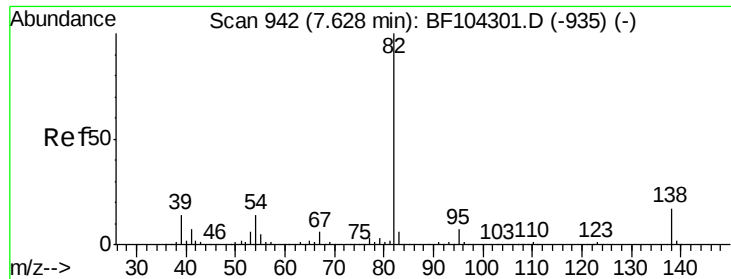
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#24
 Nitrobenzene
 Concen: 44.631 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	470447		
123	48.5	37.9	56.9	
65	13.0	11.0	16.4	





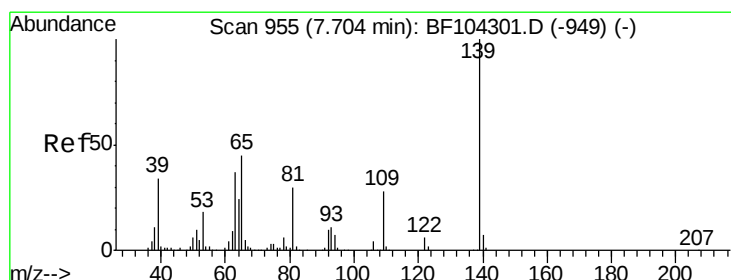
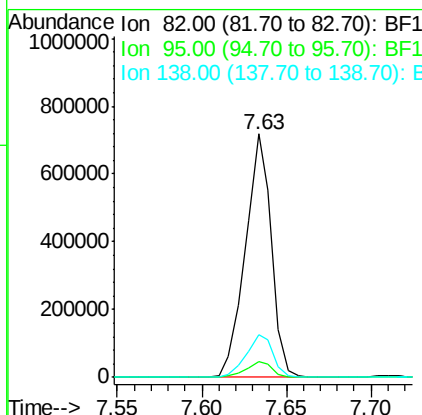
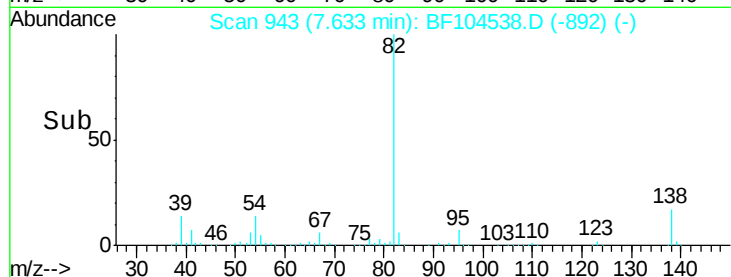
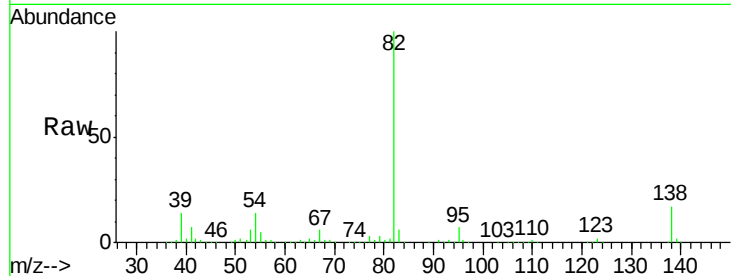
#25
Isophorone
Concen: 38.144 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	770091		
95	6.7		5.2	7.8
138	17.5		14.9	22.3

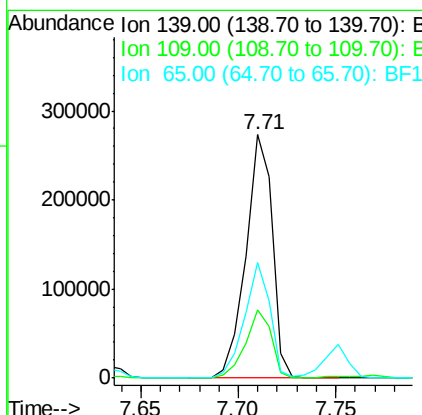
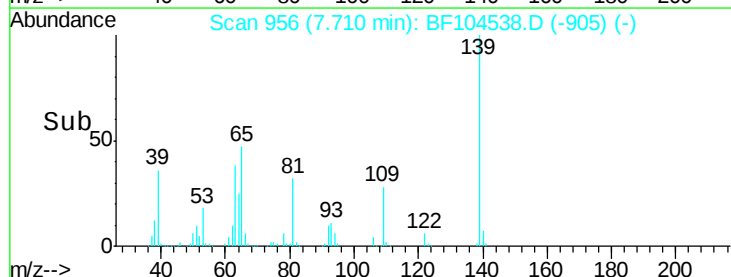
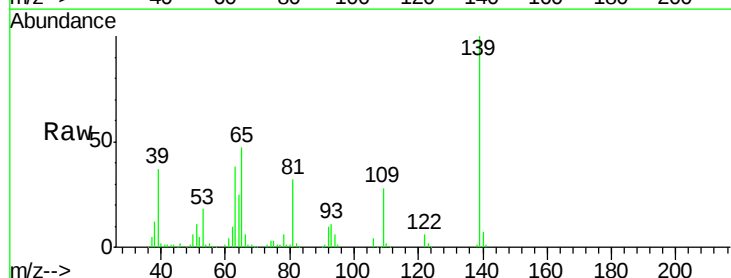
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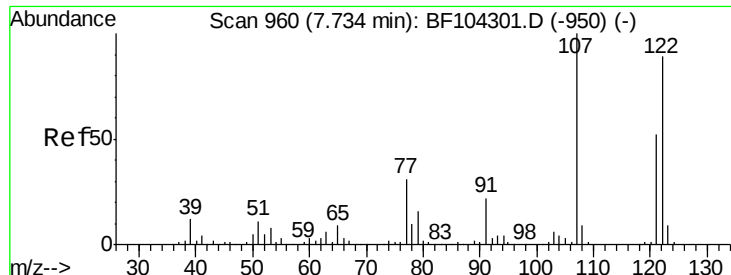
Sohil
4/17/2018 10:08:56 AM



#26
2-Nitrophenol
Concen: 59.867 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	256901		
109	27.9		22.7	34.1
65	47.4		40.5	60.7





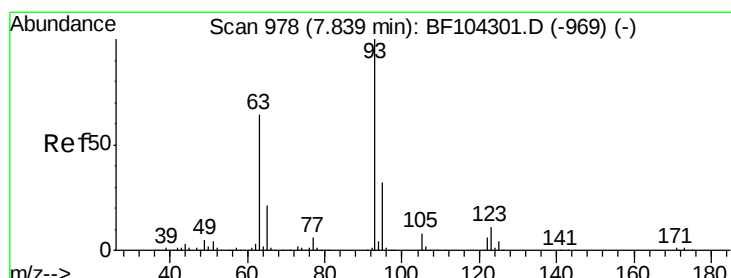
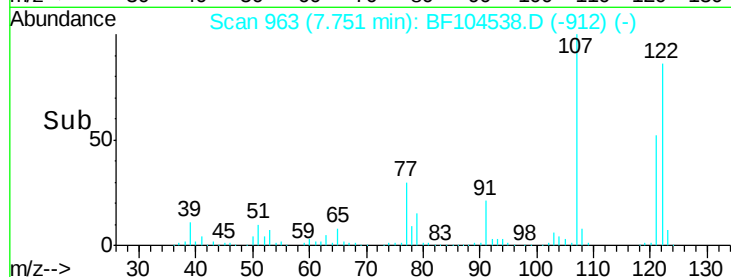
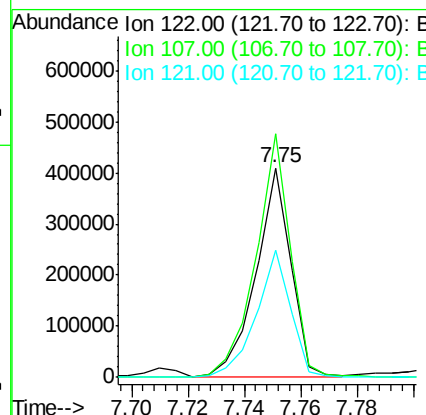
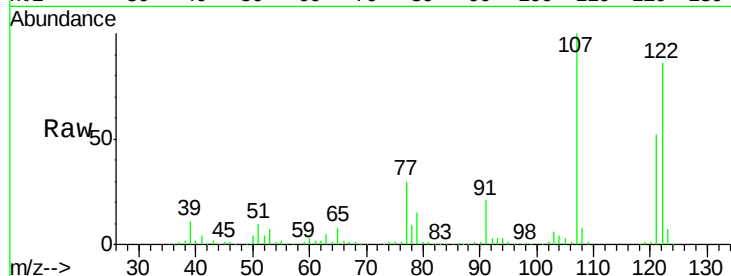
#27
2,4-Dimethylphenol
Concen: 39.660 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.2	136.8
121	60.7	47.2	70.8

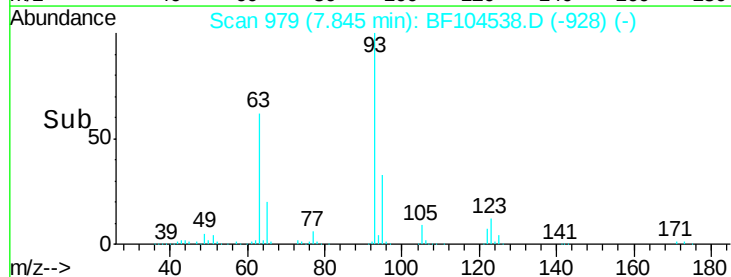
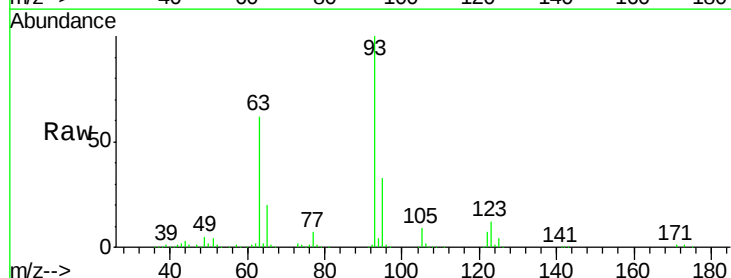
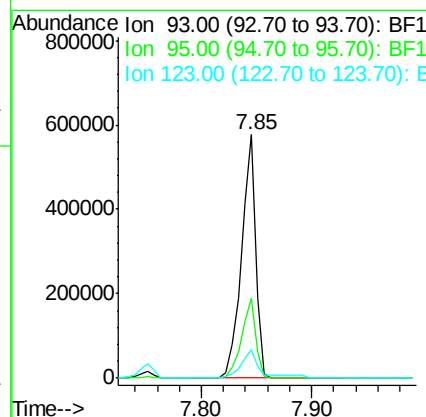
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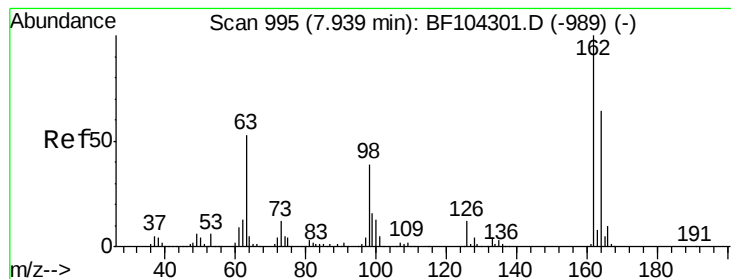
Sohil
4/17/2018 10:08:56 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.491 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.8	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 43.010 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

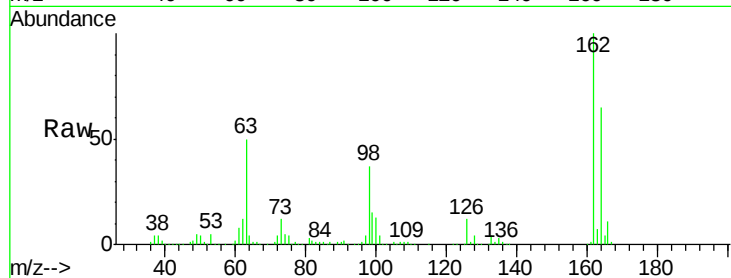
ClientSampleId :

PB108254BS

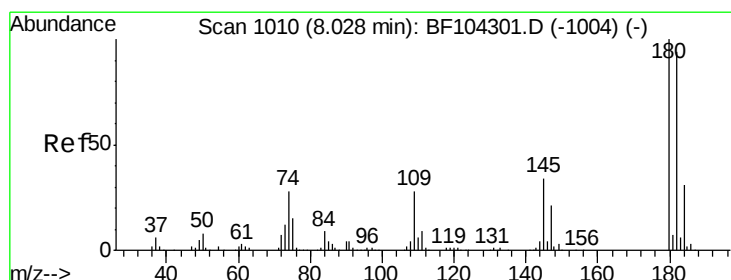
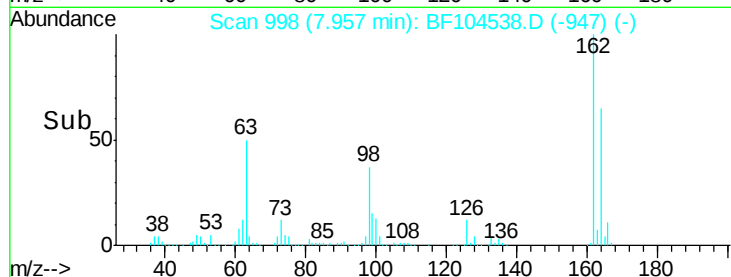
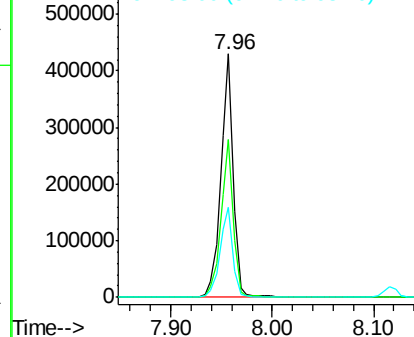
Tot Ion:	162	Resp:	365654
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	37.2	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 40.616 ng

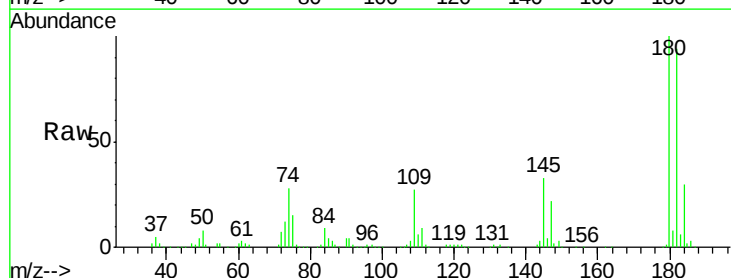
RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

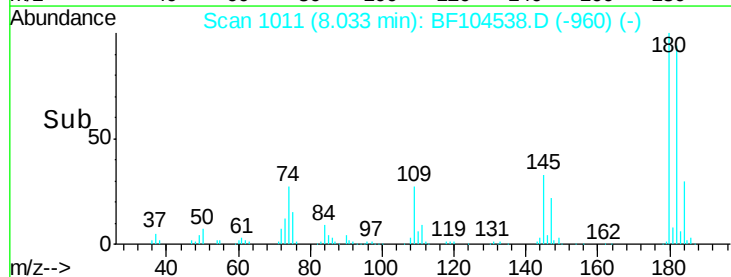
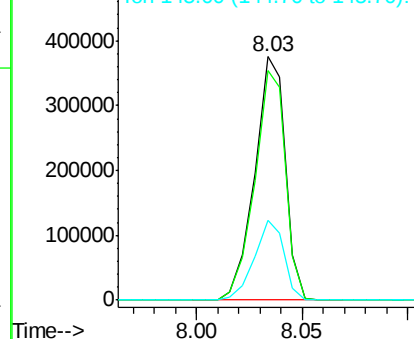
Lab File: BF104538.D

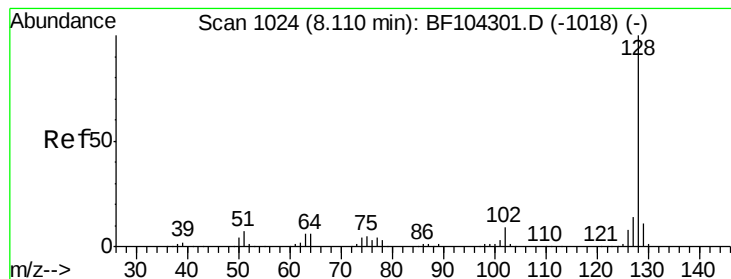
Acq: 16 Apr 2018 17:47

Tgt Ion:	180	Resp:	378950
Ion Ratio	Lower	Upper	
180	100		
182	94.2	76.8	115.2
145	33.0	26.5	39.7



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





#31

Naphthalene

Concen: 38.031 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

Tot Ion:128 Resp: 1180598

Ion Ratio Lower Upper

128 100

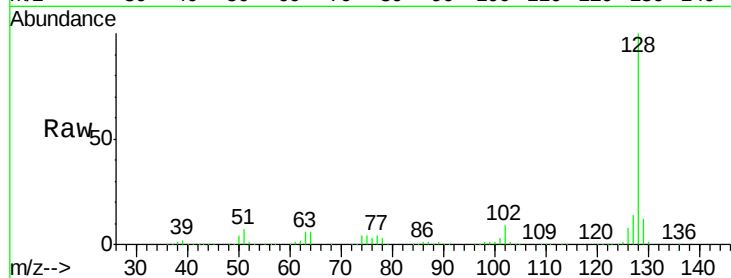
129 11.5 8.8 13.2

127 13.7 10.9 16.3

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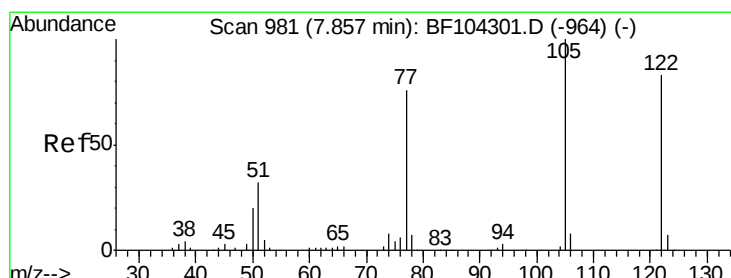
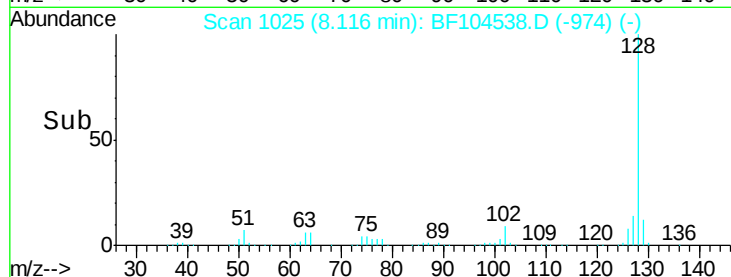
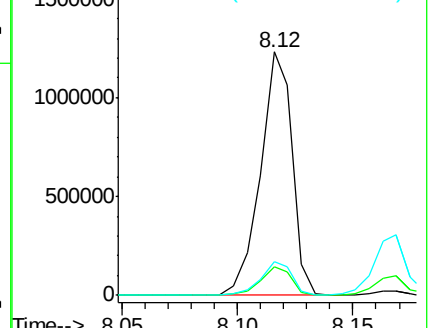
4/17/2018 10:08:56 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.912 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

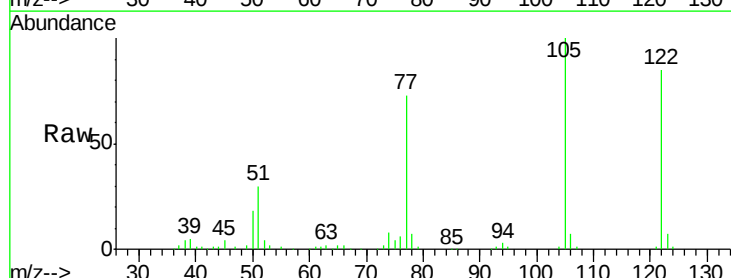
Tgt Ion:122 Resp: 326401

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

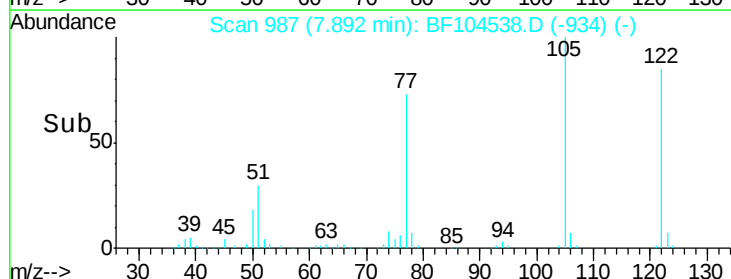
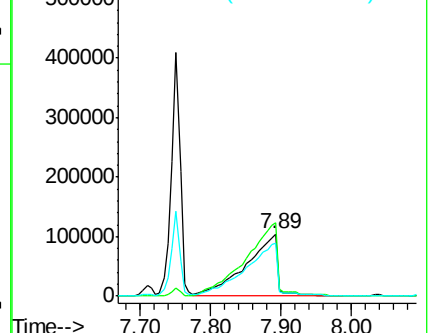
77 85.6 70.7 110.7

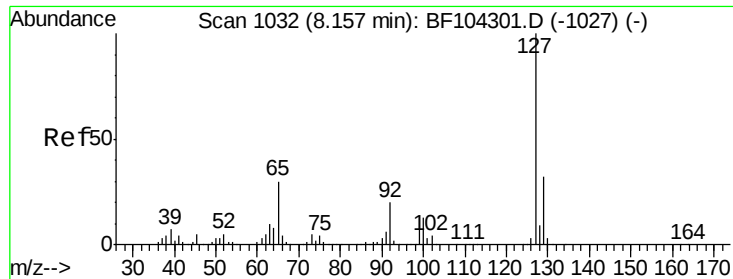


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





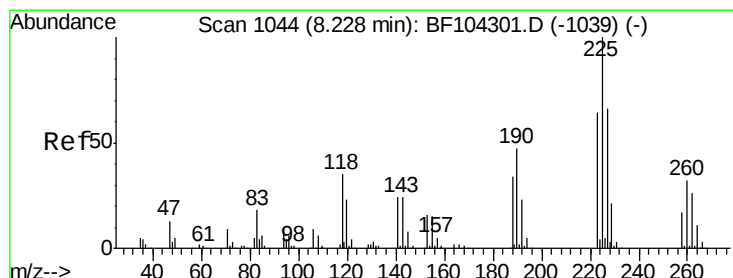
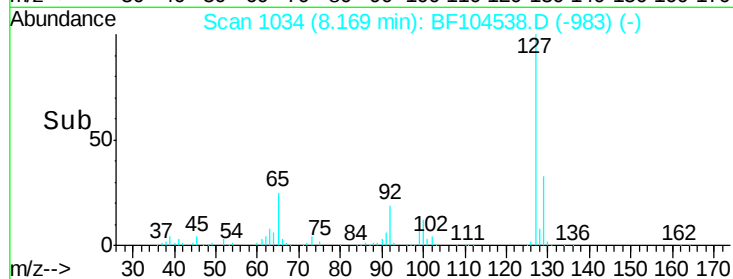
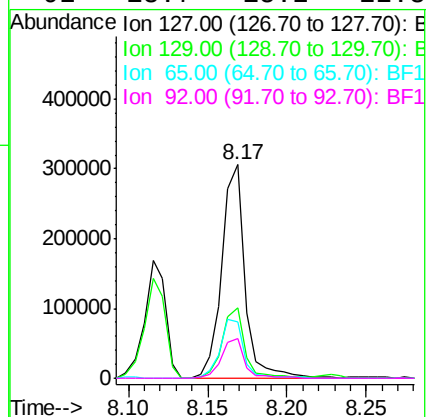
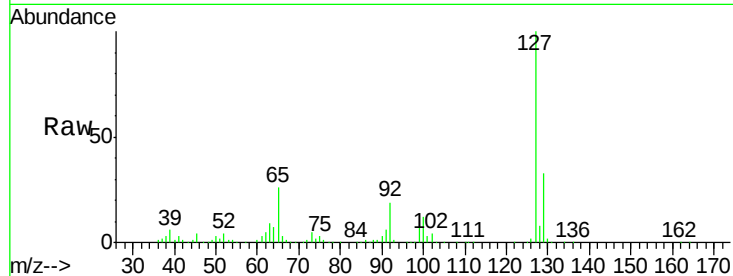
#33
4-Chloroaniline
Concen: 23.189 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0		25.9	38.9	
65	26.3		25.0	37.4	
92	18.7		15.2	22.8	

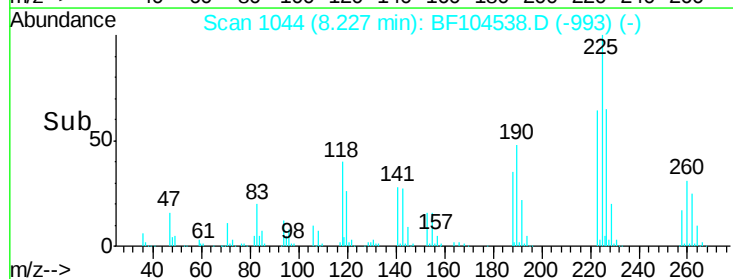
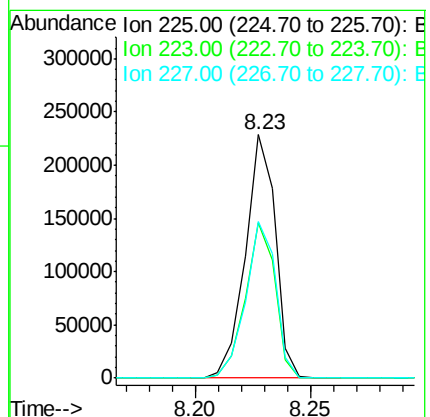
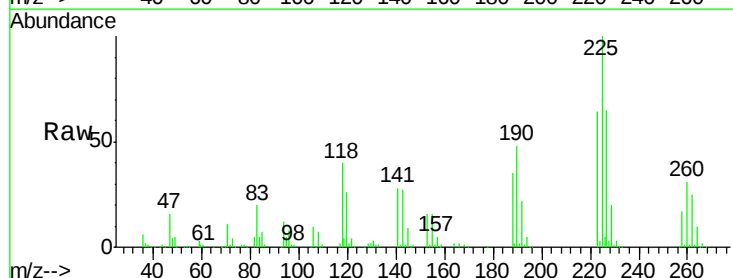
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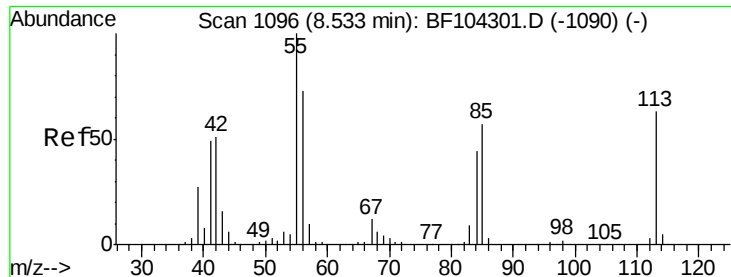
Sohil
4/17/2018 10:08:56 AM



#34
Hexachlorobutadiene
Concen: 40.713 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7		50.6	76.0	
227	64.5		51.9	77.9	





#35

Caprolactam

Concen: 43.305 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

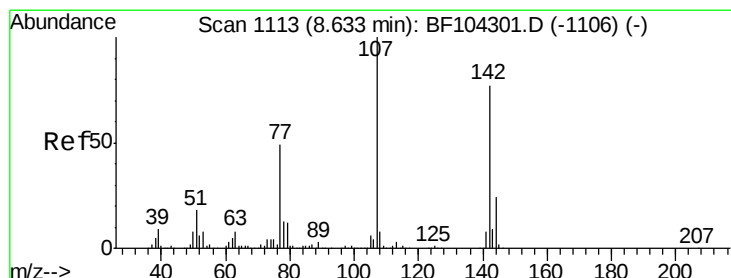
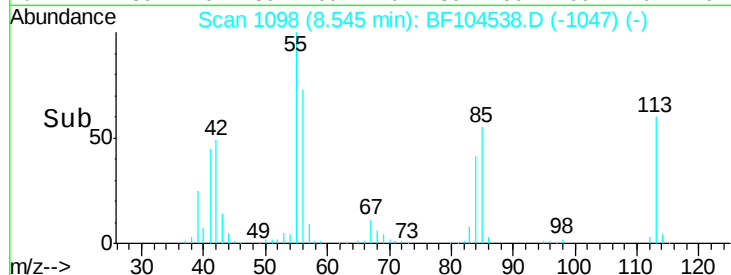
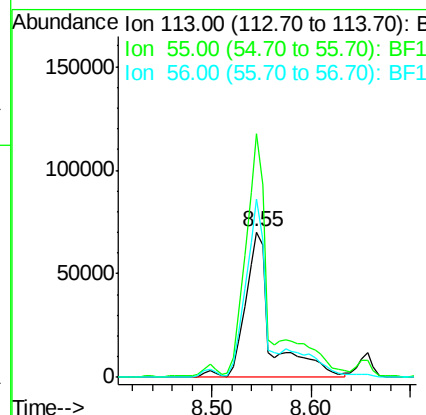
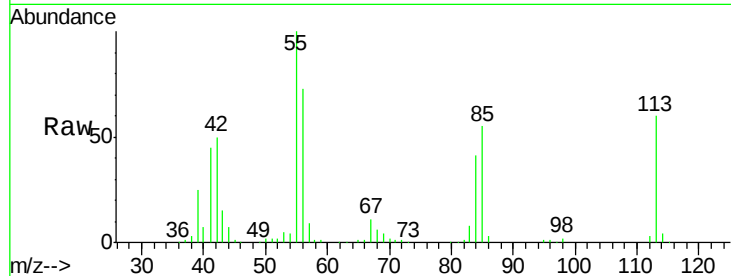
ClientSampleId :

PB108254BS

Tot Ion:	113	Resp:	128433
Ion Ratio	Lower	Upper	
113	100		
55	167.8	163.3	203.3
56	122.5	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 44.045 ng/mL

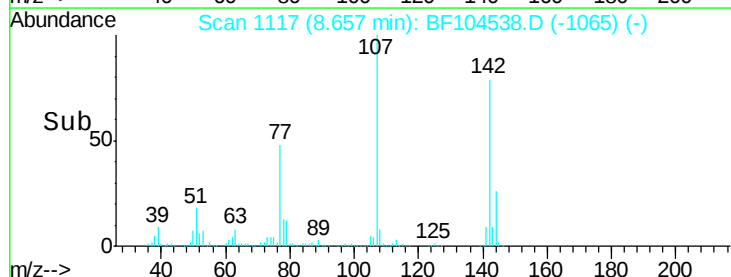
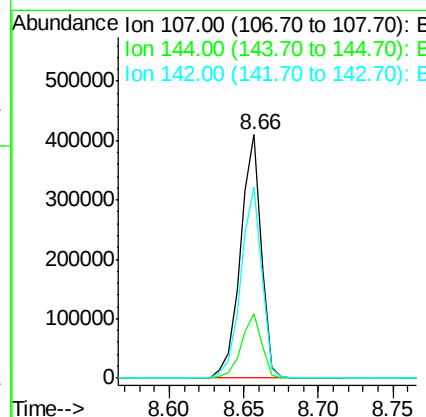
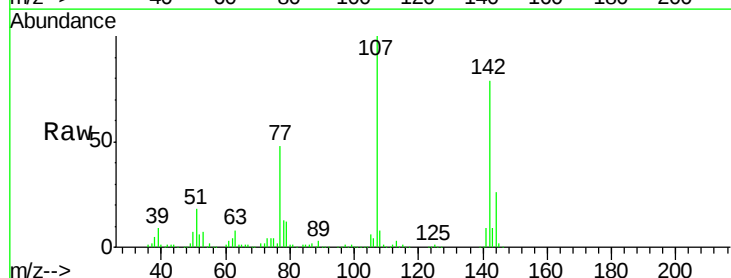
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	107	Resp:	401506
Ion Ratio	Lower	Upper	
107	100		
144	26.3	20.5	30.7
142	78.6	62.0	93.0





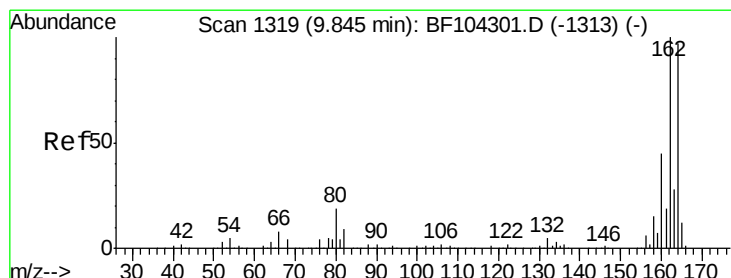
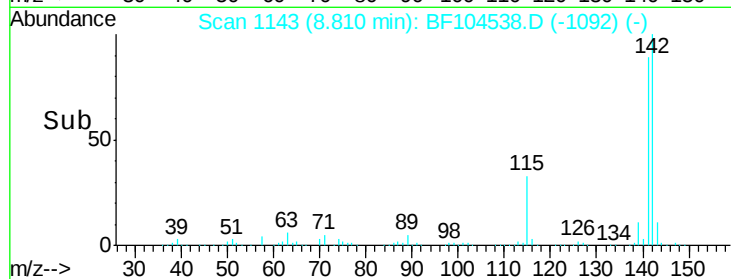
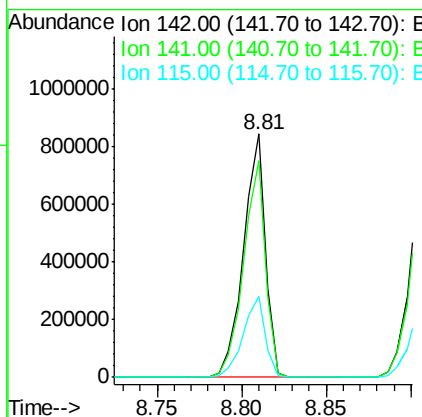
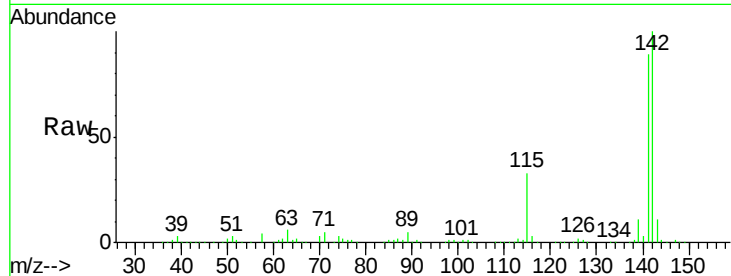
#37
2-Methylnaphthalene
Concen: 38.170 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampled :
PB108254BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	33.4	26.1	39.1

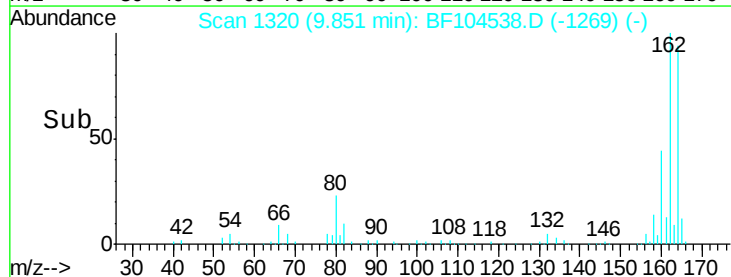
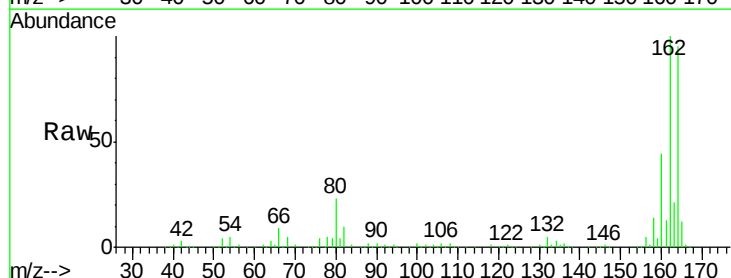
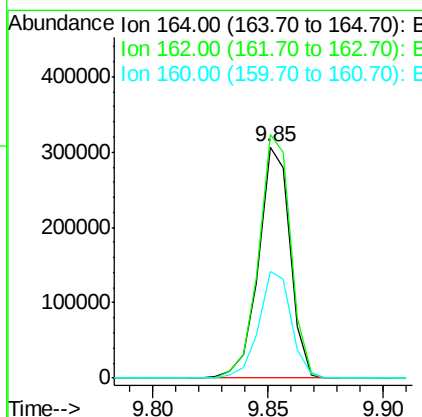
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.3	38.3	57.5





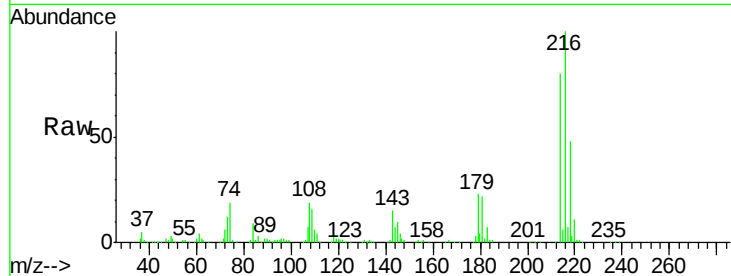
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.179 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

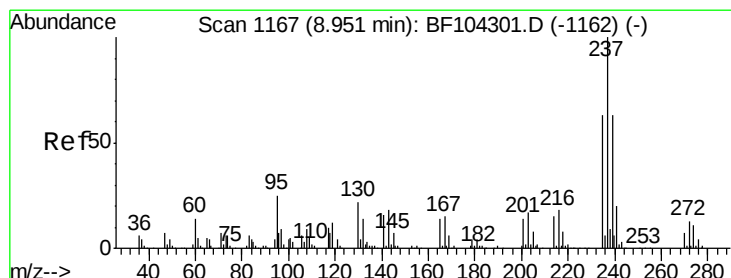
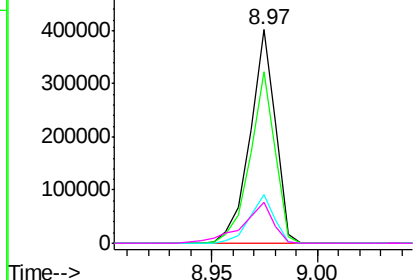
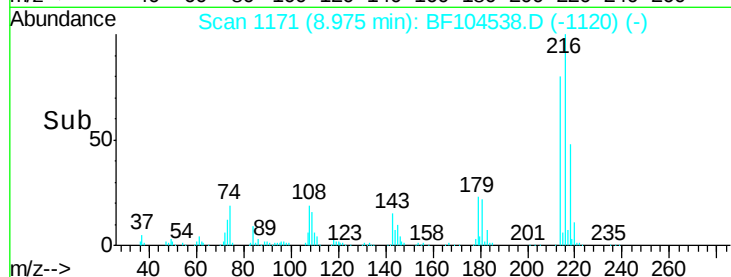
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.9		63.0	94.4	
179	22.4		18.1	27.1	
108	23.2		17.2	25.8	

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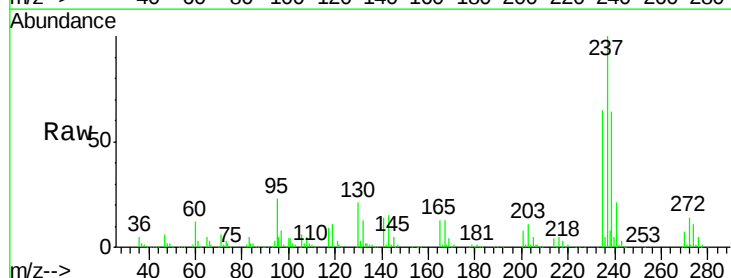


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

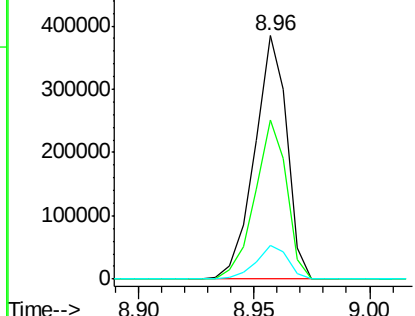
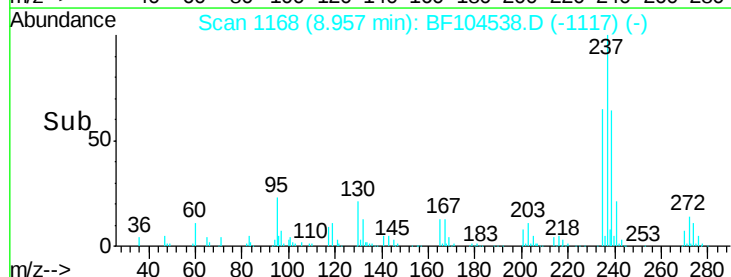


#40
 Hexachlorocyclopentadiene
 Concen: 80.119 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	65.3		44.8	84.8	
272	13.7		0.0	33.3	



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





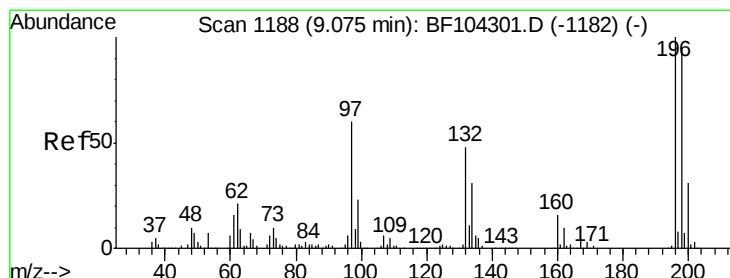
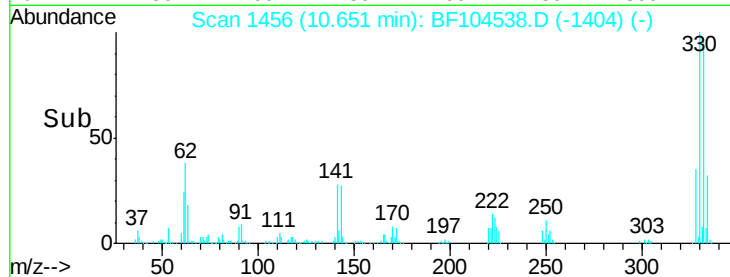
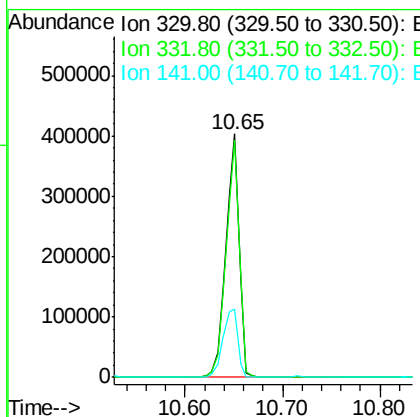
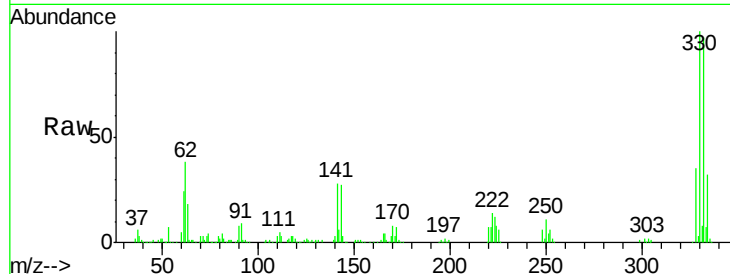
#41
 2,4,6-Tribromophenol
 Concen: 125.862 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	31.9	29.9	44.9	

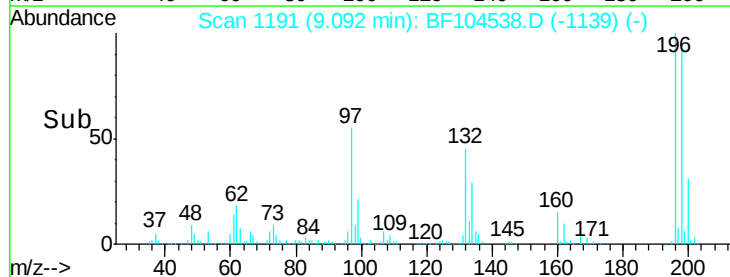
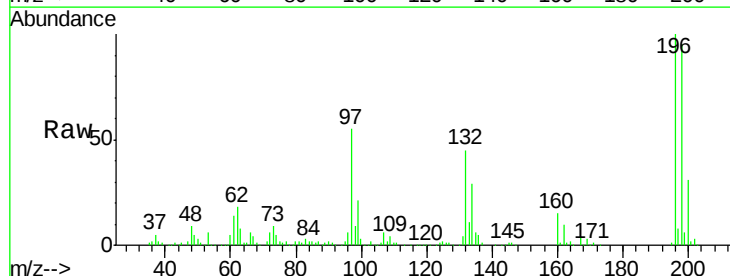
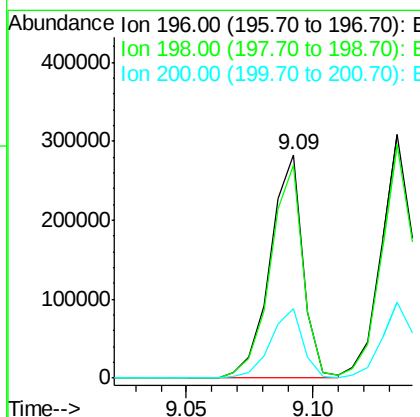
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#42
 2,4,6-Trichlorophenol
 Concen: 44.700 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	75.7	113.5	
200	31.1	24.5	36.7	





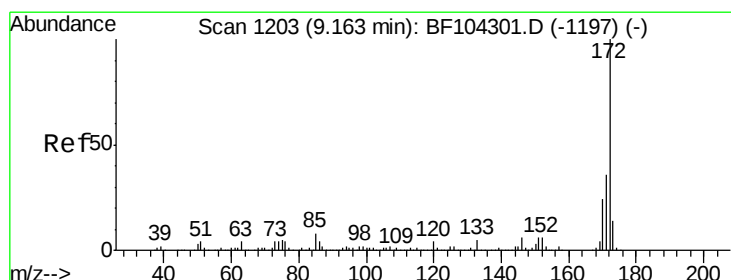
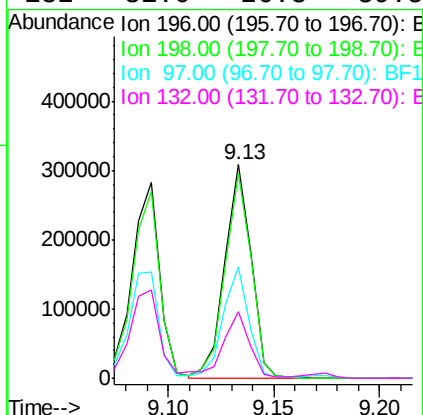
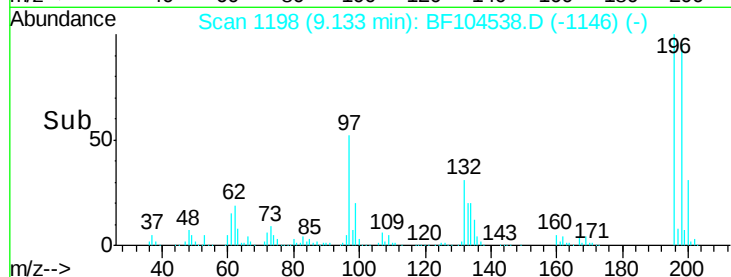
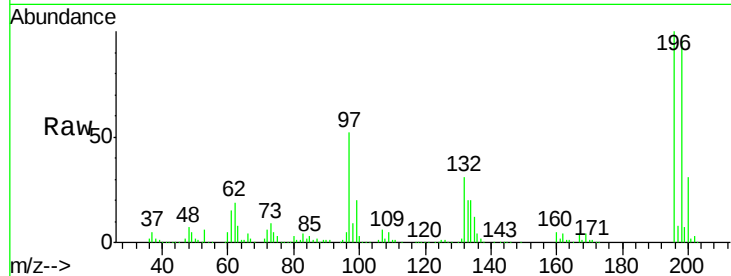
#43
 2,4,5-Trichlorophenol
 Concen: 40.718 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		264253		
198	95.8	74.6	112.0		
97	52.3	42.9	64.3		
132	31.0	26.3	39.5		

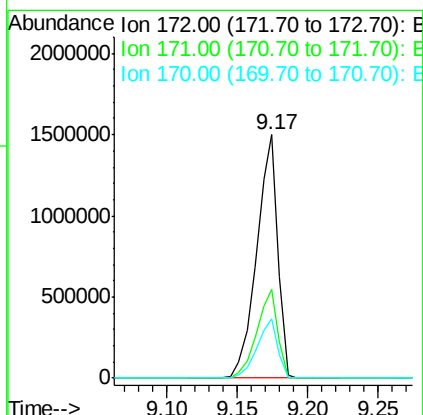
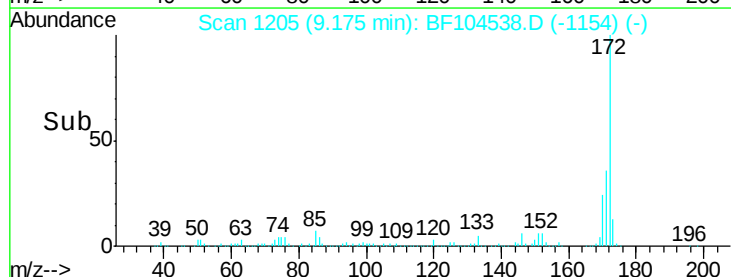
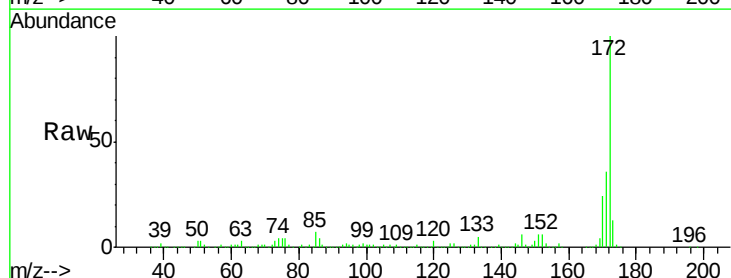
Manual Integrations
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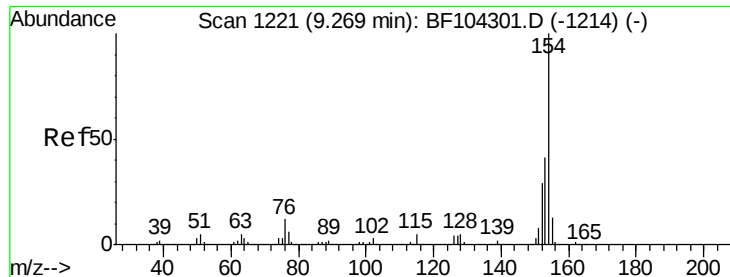
Sohil
 4/17/2018 10:08:56 AM



#44
 2-Fluorobiphenyl
 Concen: 85.003 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1570374		
171	36.3	29.7	44.5		
170	24.4	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 39.264 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

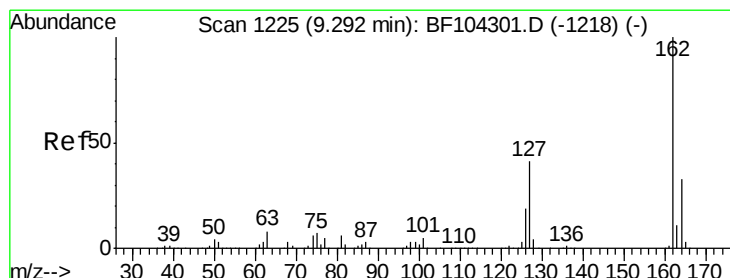
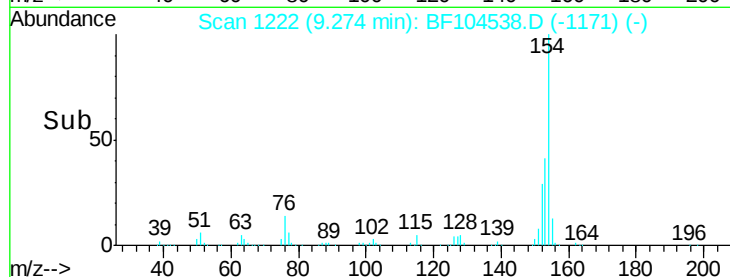
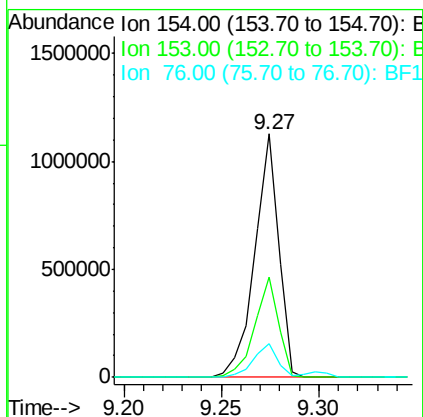
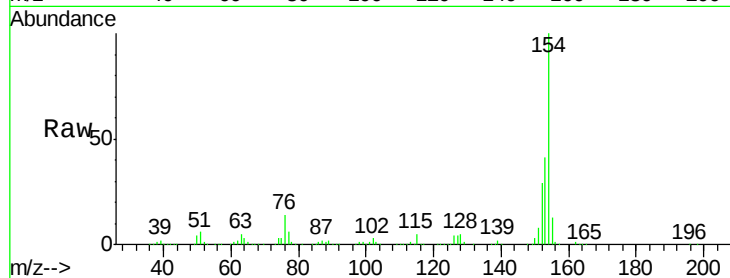
ClientSampled :

PB108254BS

Tot Ion:	154	Resp:	962640
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.7	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.676 ng

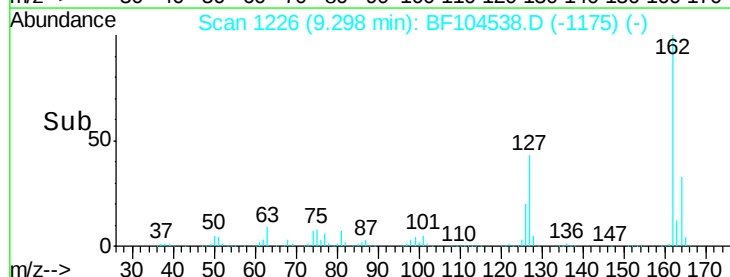
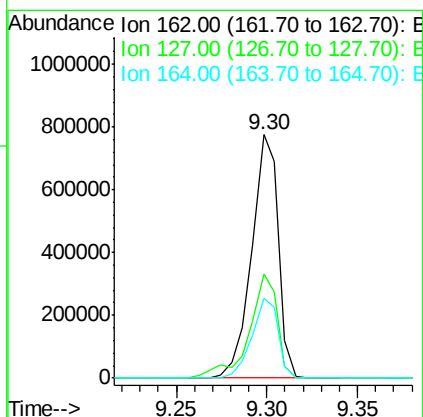
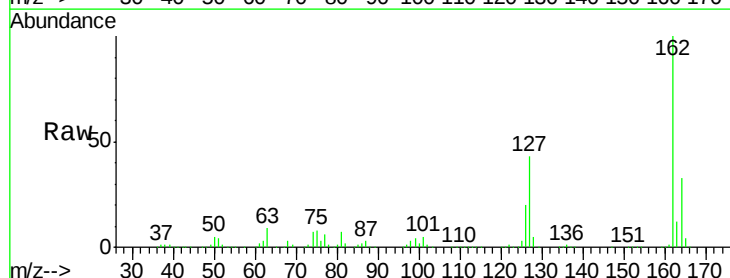
RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	162	Resp:	787708
Ion Ratio	Lower	Upper	
162	100		
127	42.5	33.9	50.9
164	32.9	26.5	39.7





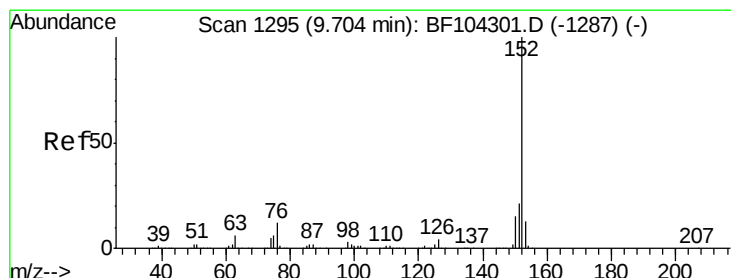
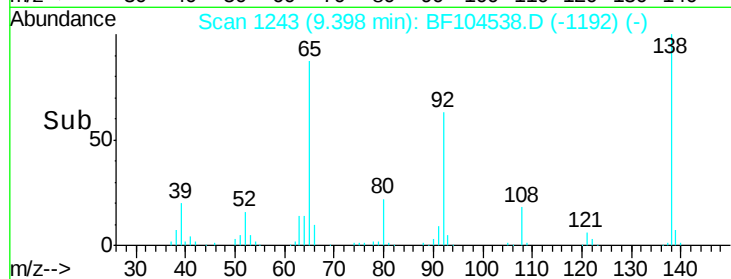
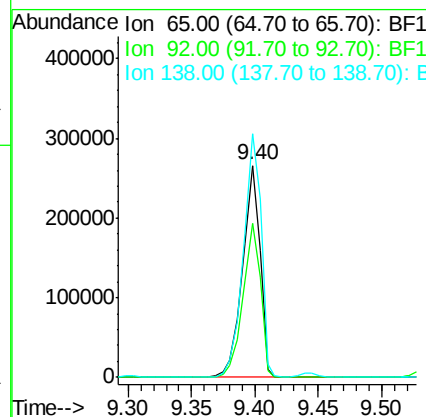
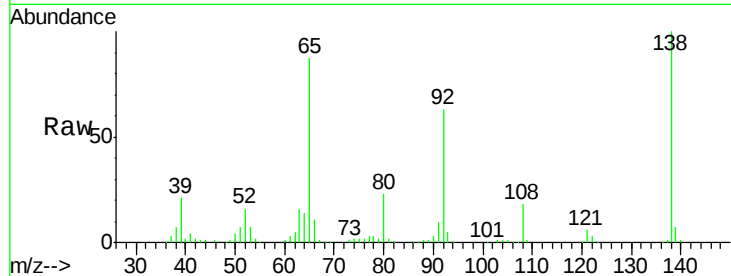
#47
 2-Nitroaniline
 Concen: 52.365 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.8	83.6
138	114.7	91.2	136.8

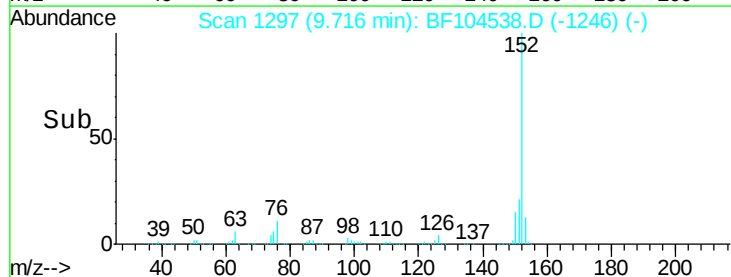
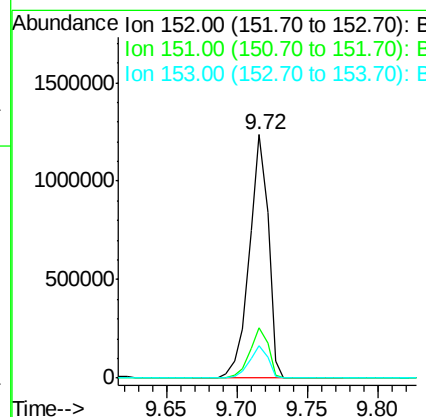
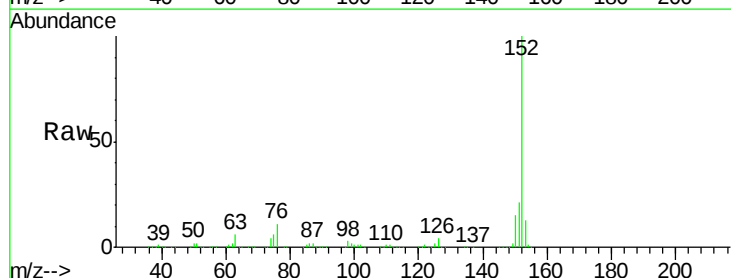
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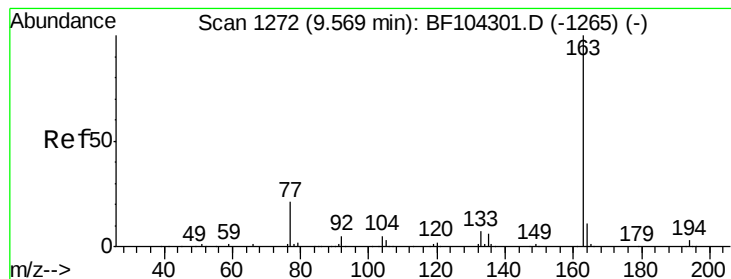
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#48
 Acenaphthylene
 Concen: 38.147 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 39.918 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

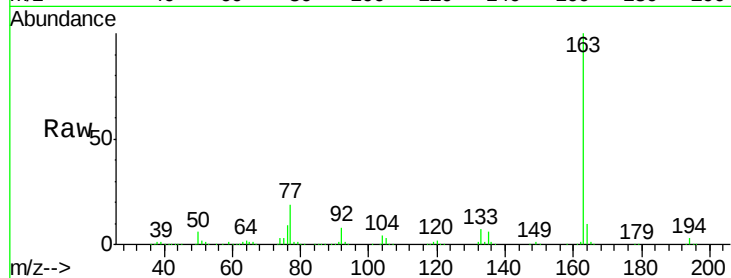
ClientSampleId :

PB108254BS

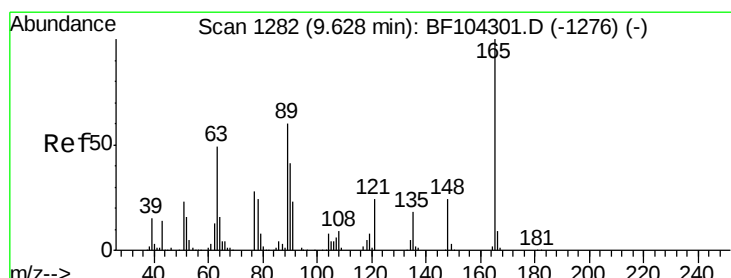
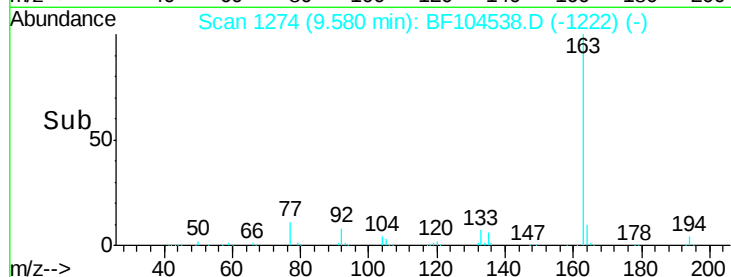
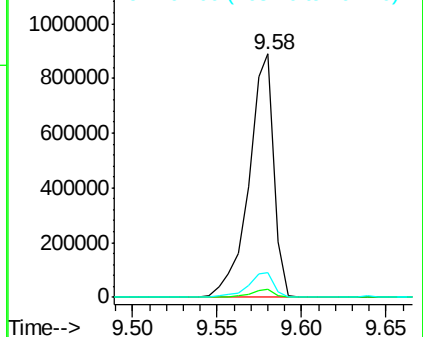
Tot Ion:	163	Resp:	918693
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 49.776 ng

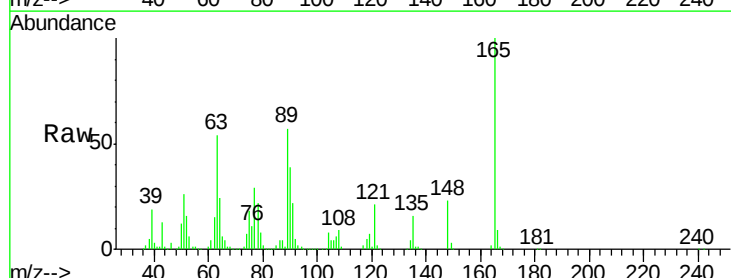
RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

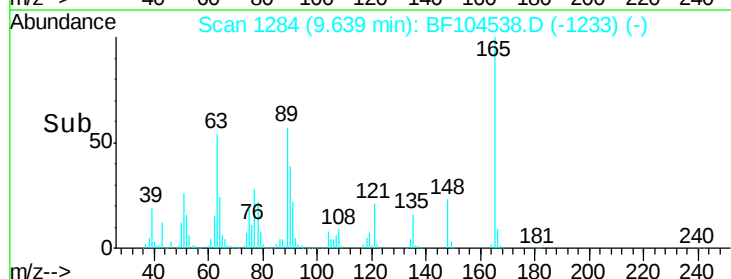
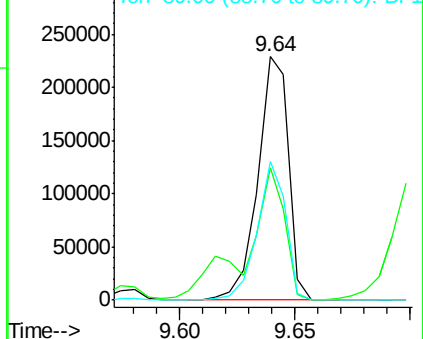
Lab File: BF104538.D

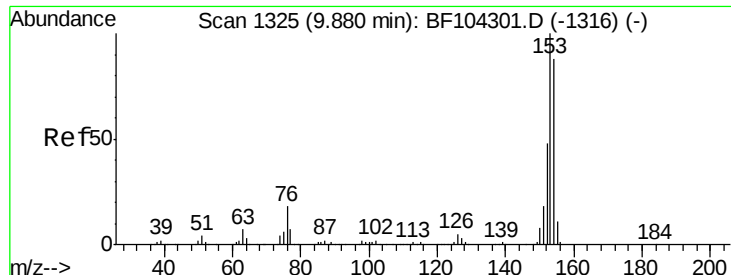
Acq: 16 Apr 2018 17:47

Tgt Ion:	165	Resp:	211973
Ion Ratio	Lower	Upper	
165	100		
63	54.5	44.7	67.1
89	57.0	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: 36.048 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

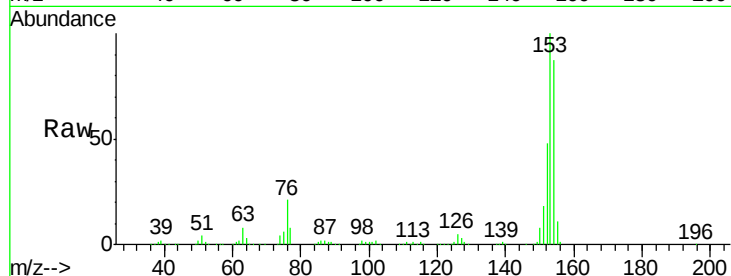
ClientSampleId :

PB108254BS

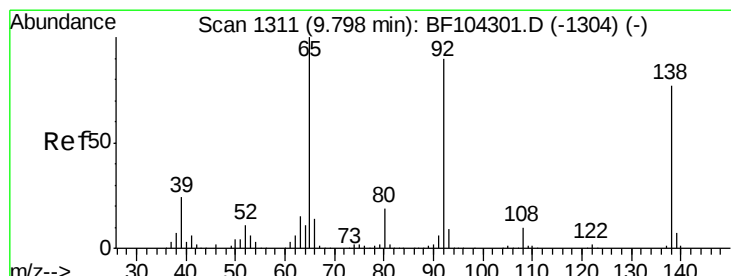
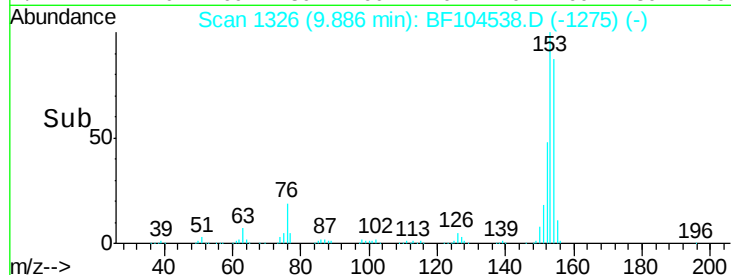
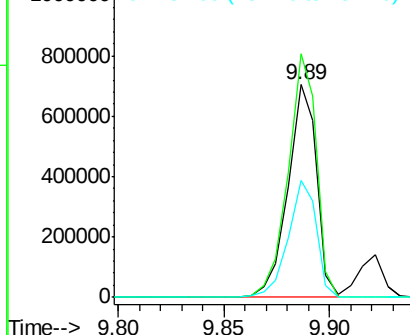
Tot Ion:	154	Resp:	668261
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.7	43.8	65.8

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



#52

3-Nitroaniline

Concen: 35.333 ng

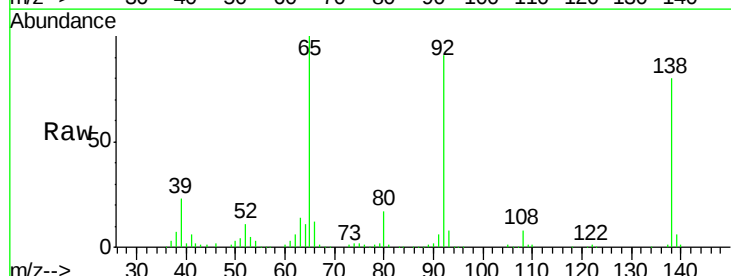
RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

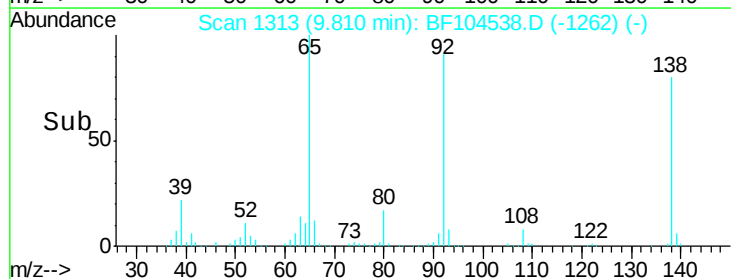
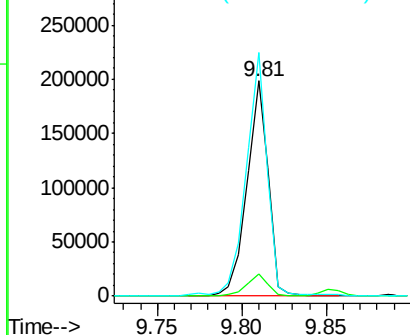
Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	138	Resp:	176154
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	113.0	89.4	134.2



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





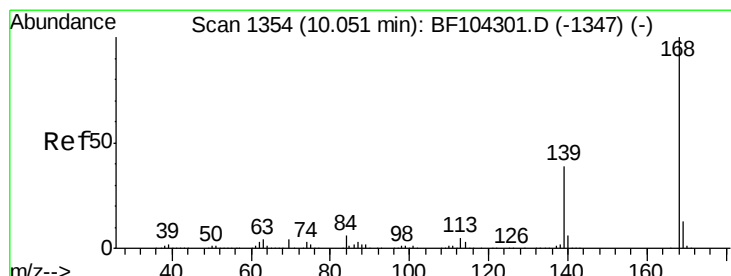
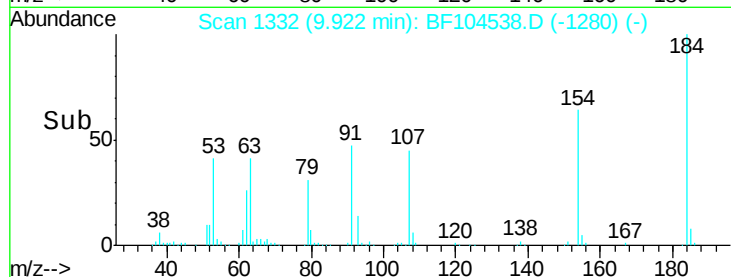
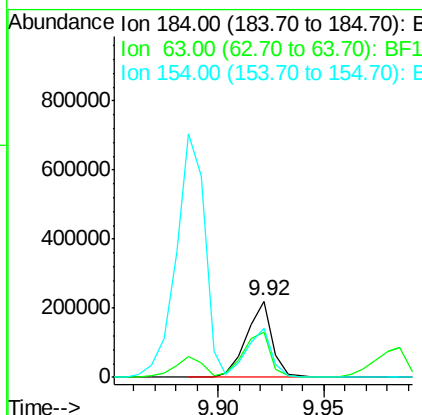
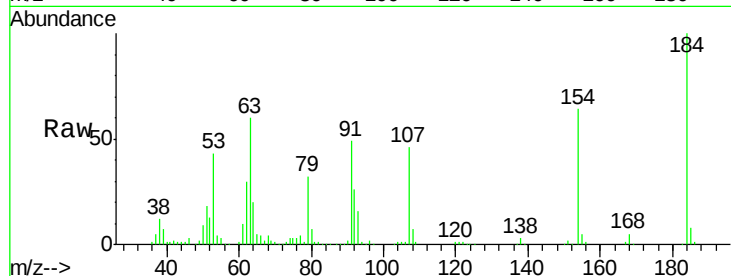
#53
 2,4-Dinitrophenol
 Concen: 96.183 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	185799		
63	59.8	54.2	81.2	
154	64.0	184.0	276.0	

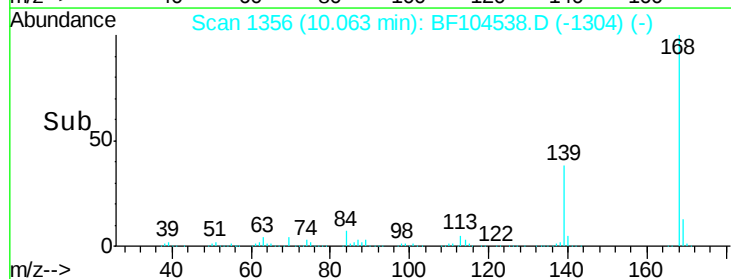
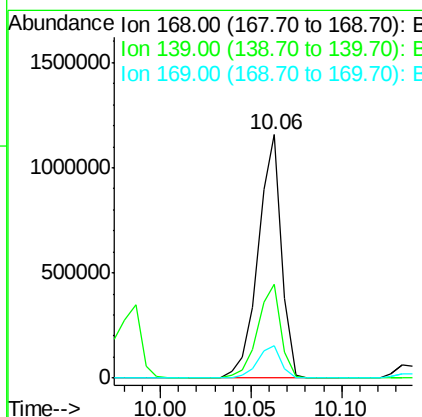
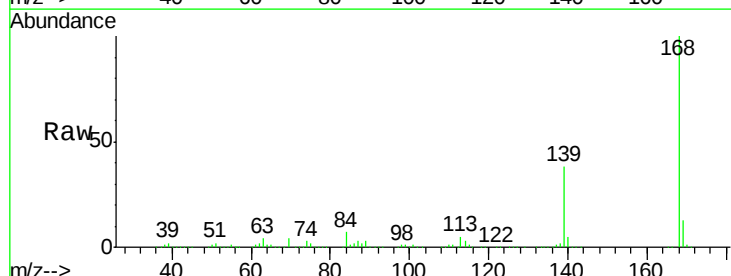
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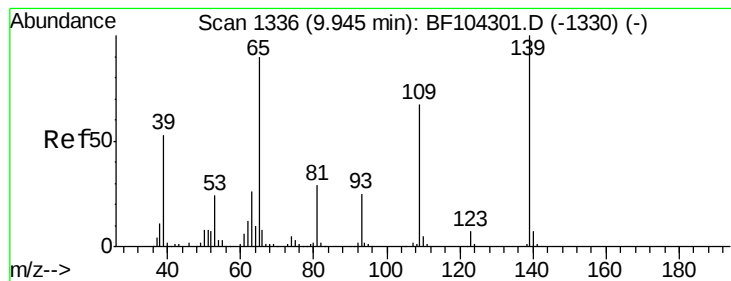
Sohil
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#54
 Dibenzofuran
 Concen: 39.888 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1030495		
139	38.4	30.1	45.1	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 89.249 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

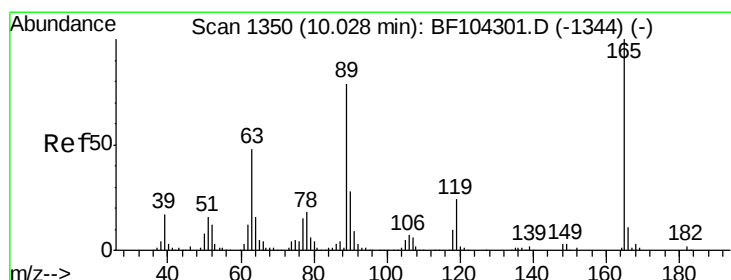
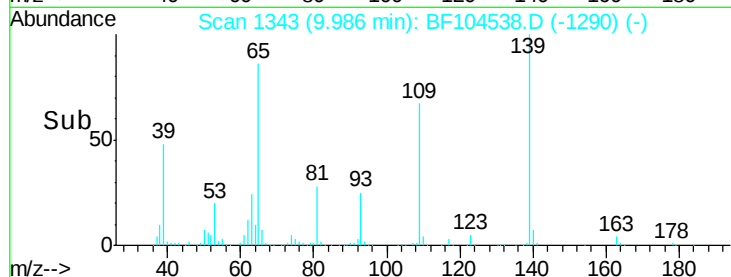
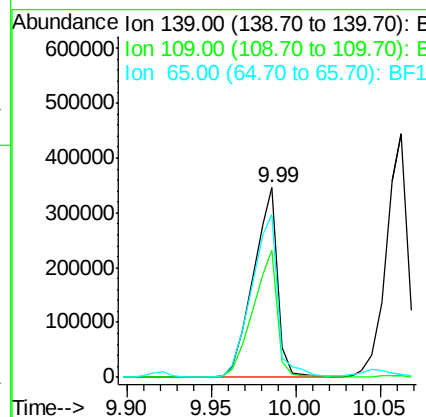
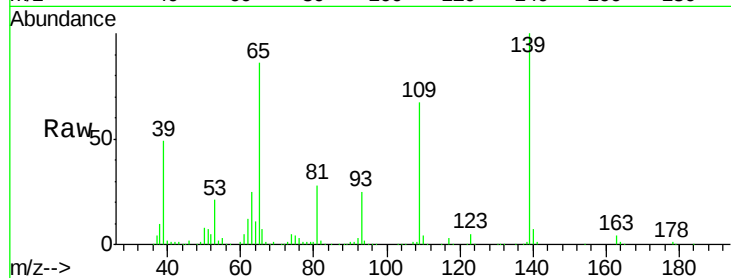
ClientSampleId :

PB108254BS

Tot Ion:	139	Resp:	349524
Ion Ratio	Lower	Upper	
139	100		
109	66.8	48.4	88.4
65	85.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 49.674 ng

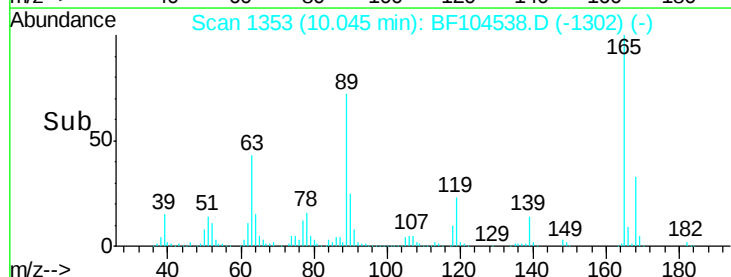
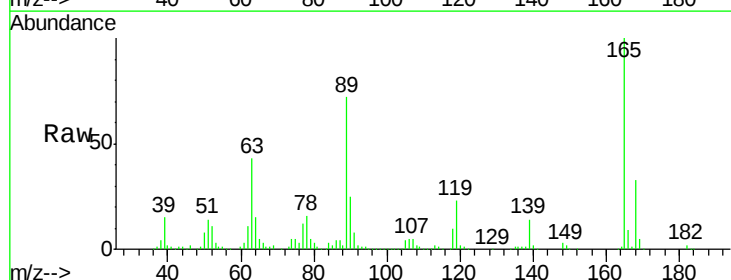
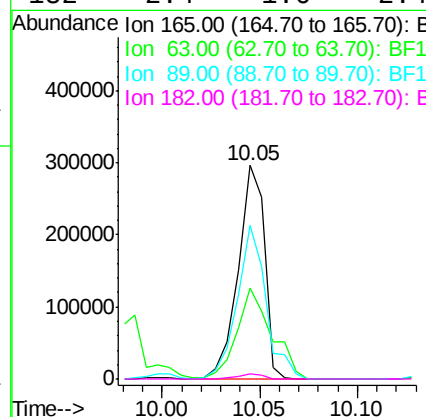
RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	165	Resp:	277479
Ion Ratio	Lower	Upper	
165	100		
63	42.6	36.4	54.6
89	72.2	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 39.453 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

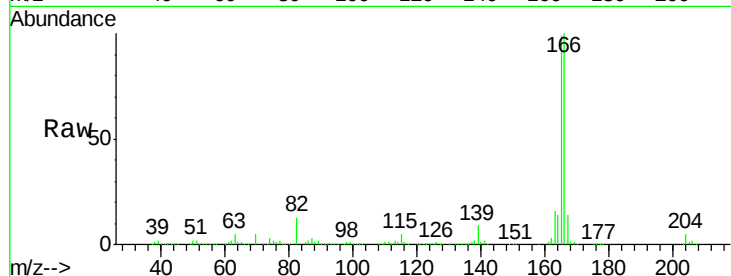
ClientSampleId :

PB108254BS

Tot Ion:	166	Resp:	741891
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.7	10.6	16.0

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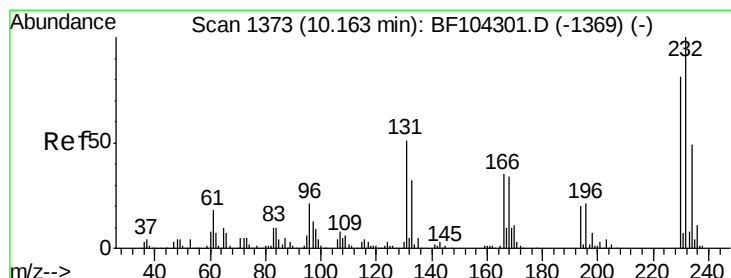
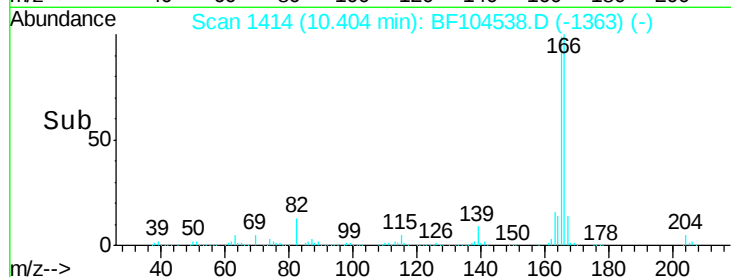
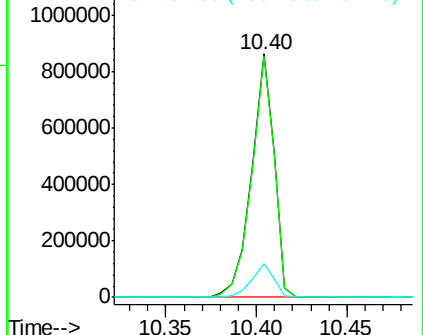


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.858 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	232	Resp:	212346
Ion Ratio	Lower	Upper	
232	100		
131	49.9	43.8	65.8
130	2.4	2.1	3.1
166	33.5	27.8	41.6

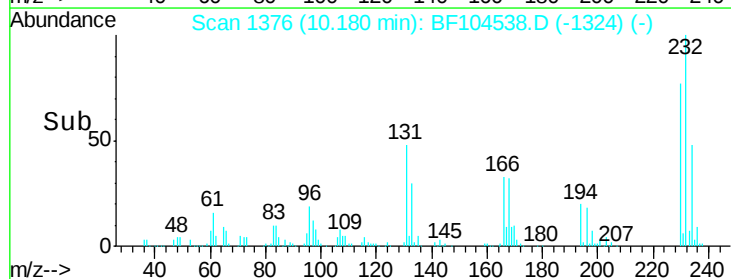
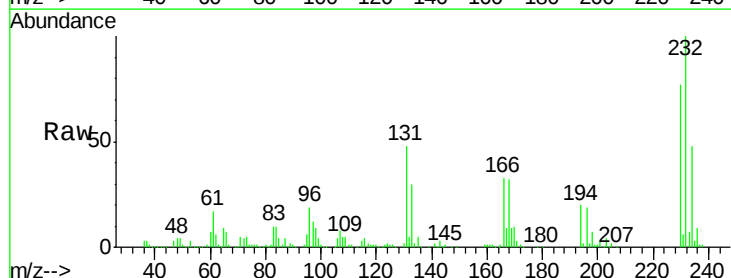
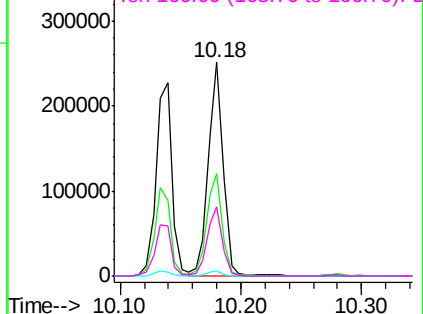
Abundance

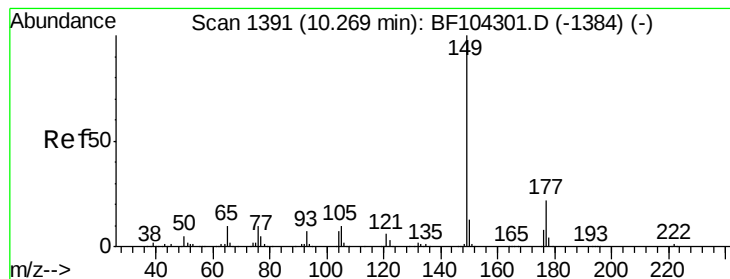
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.825 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

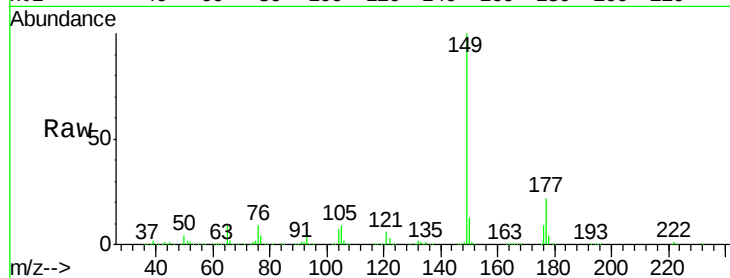
ClientSampleId :

PB108254BS

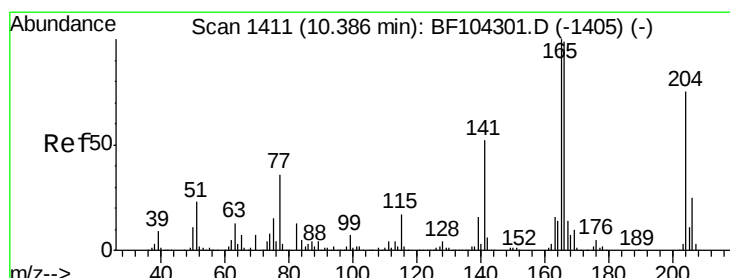
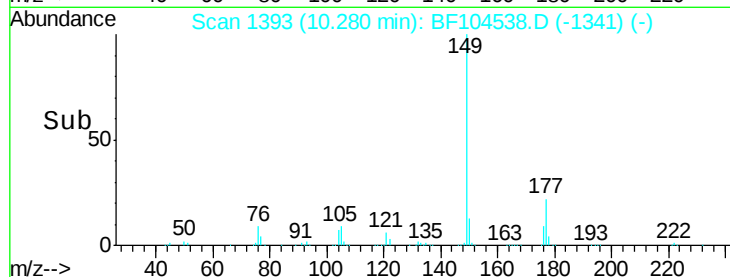
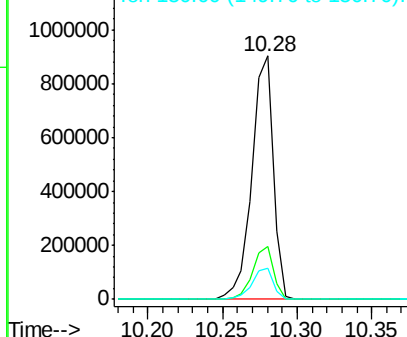
Tot Ion:	149	Resp:	889889
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.1	24.1
150	12.6	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.024 ng

RT: 10.39 min Scan# 1412

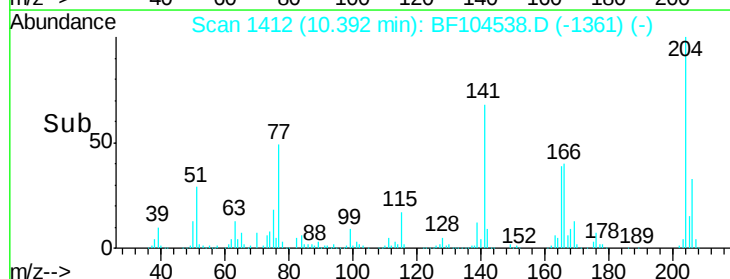
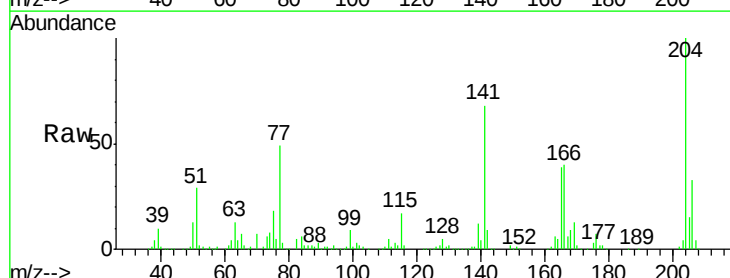
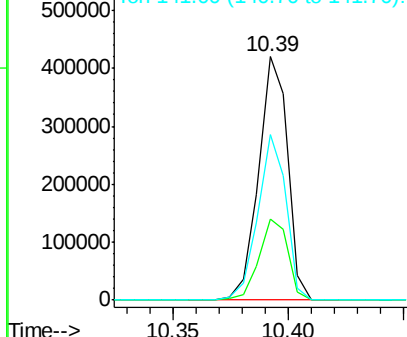
Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	204	Resp:	368686
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	68.2	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.264 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampled :

PB108254BS

Tot Ion: 138 Resp: 235272

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

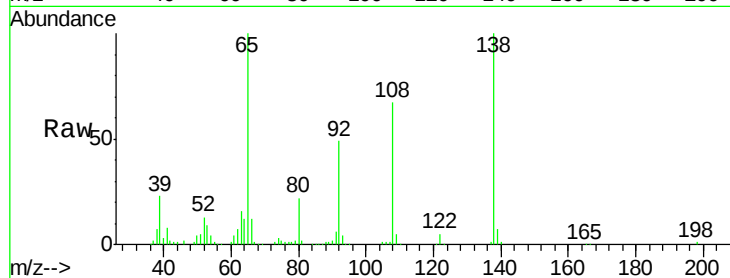
108 67.4 52.5 92.5

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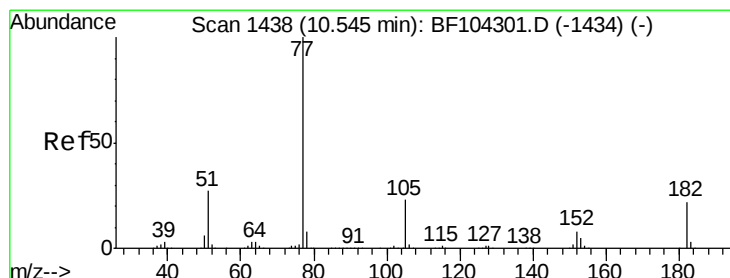
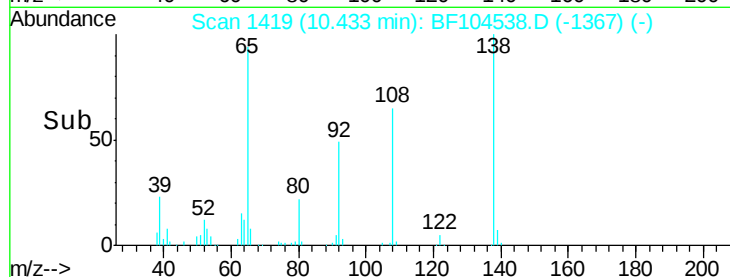
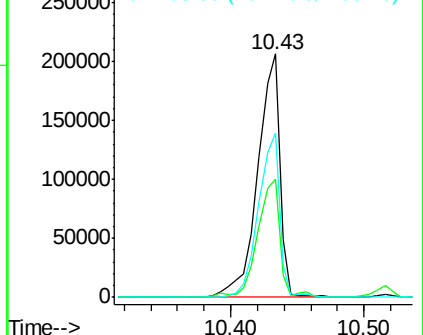
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.300 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion: 77 Resp: 882492

Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 23.6 3.0 43.0

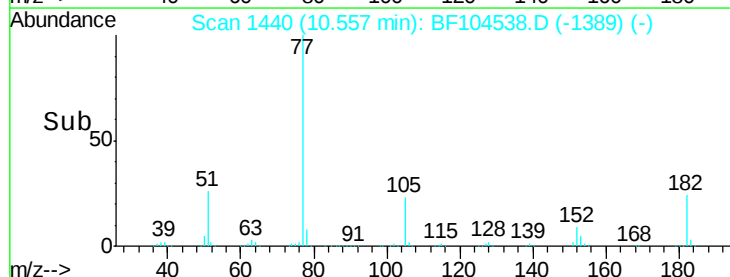
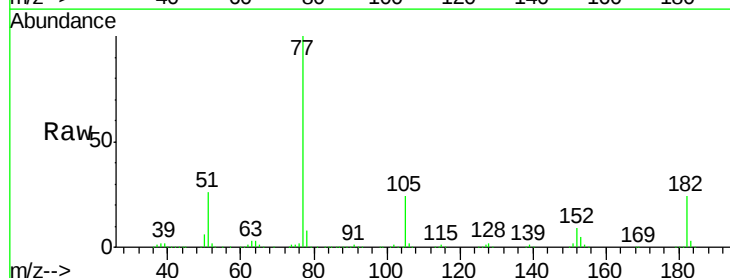
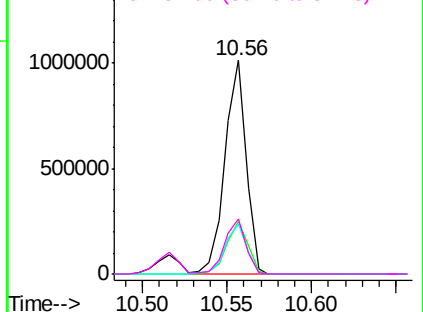
51 25.8 9.9 49.9

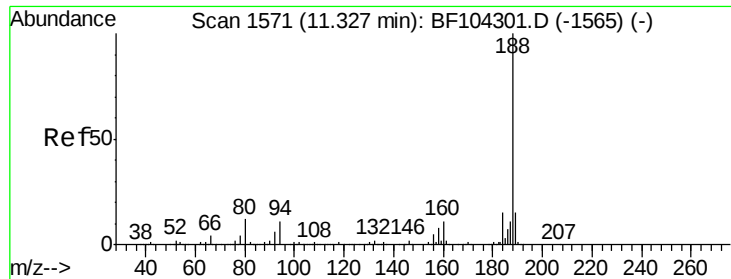
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

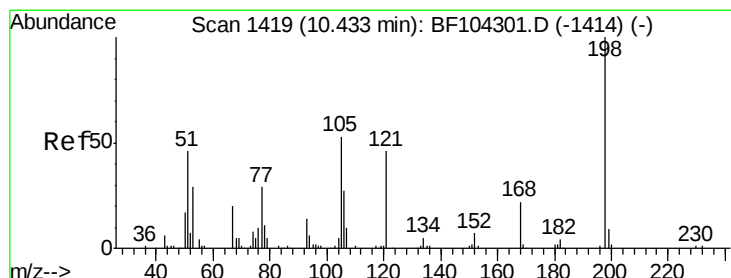
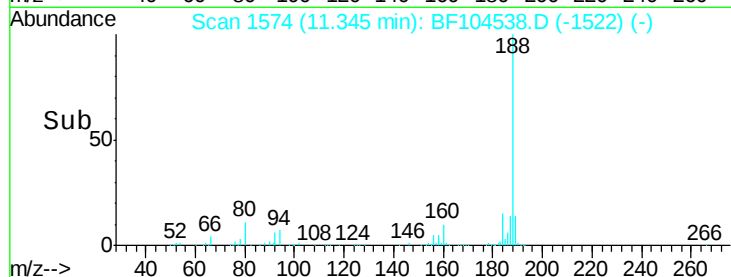
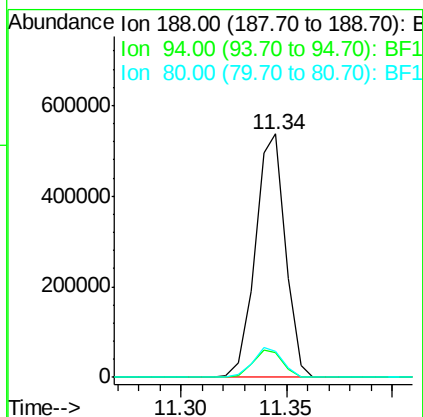
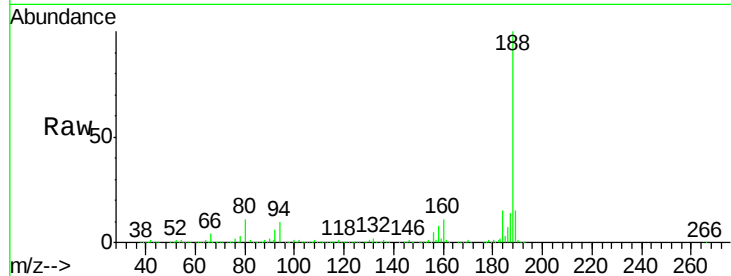
ClientSampleId :

PB108254BS

Tot Ion:	188	Resp:	531017
Ion Ratio	Lower	Upper	
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 56.049 ng

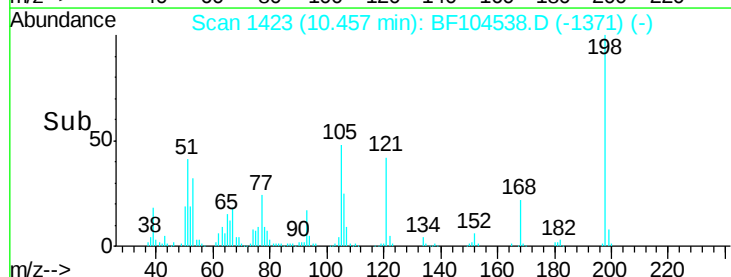
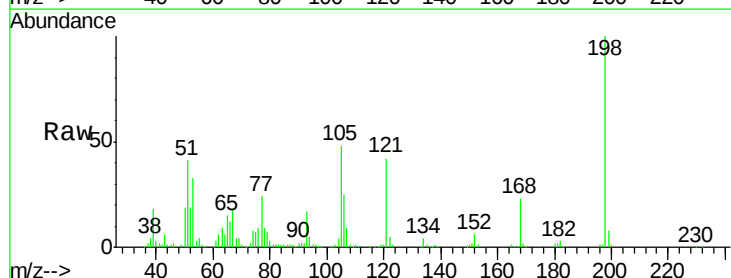
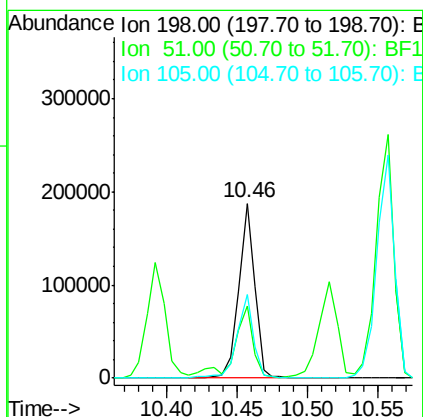
RT: 10.46 min Scan# 1423

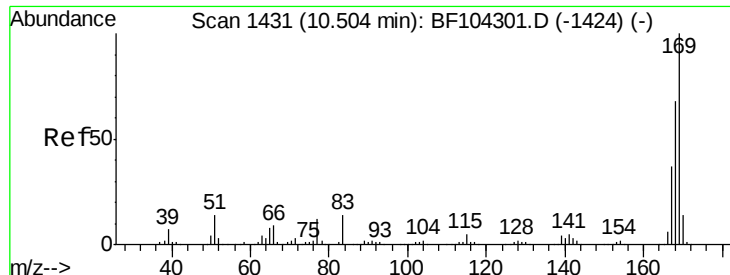
Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	198	Resp:	148715
Ion Ratio	Lower	Upper	
198	100		
51	41.1	37.7	77.7
105	47.7	36.3	76.3





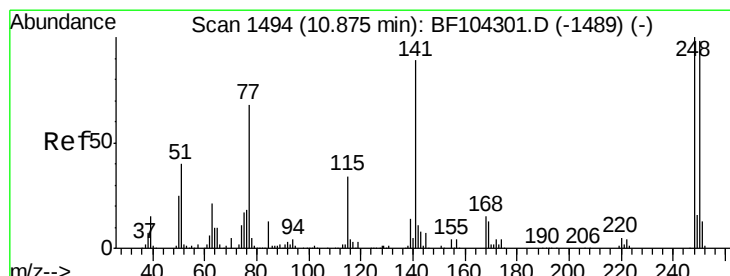
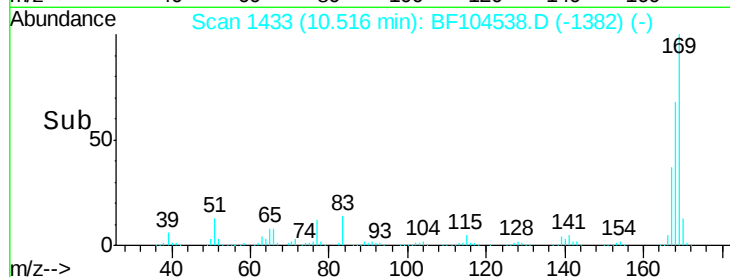
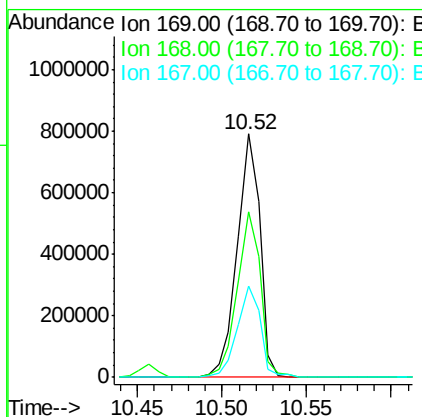
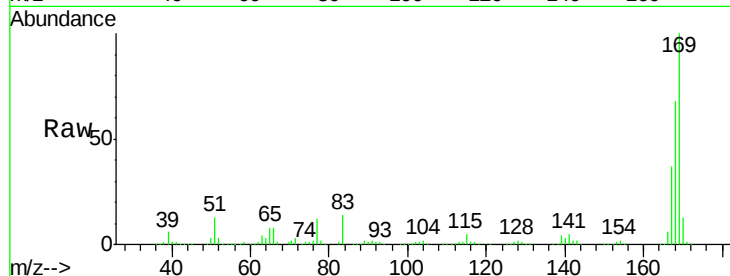
#65
 n-Nitrosodiphenylamine
 Concen: 40.372 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	743317		
168	67.7		54.4	81.6
167	37.4		29.8	44.6

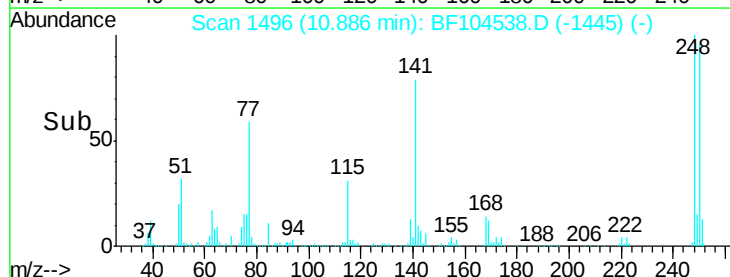
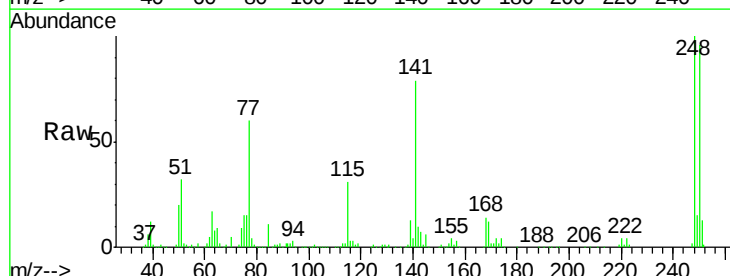
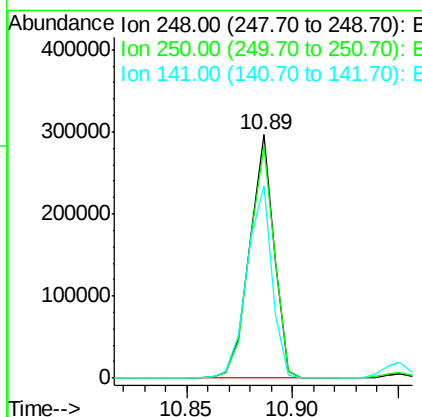
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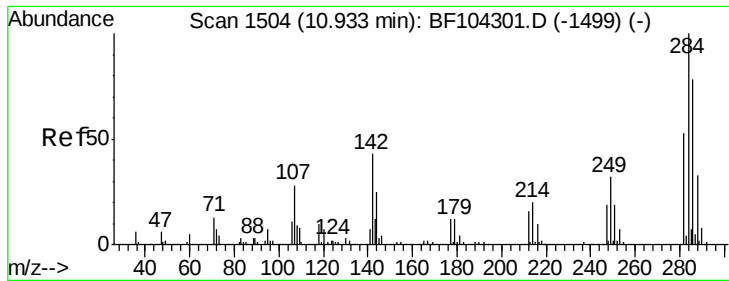
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#66
 4-Bromophenyl-phenylether
 Concen: 42.457 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	239808		
250	95.6		76.9	115.3
141	79.3		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.661 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

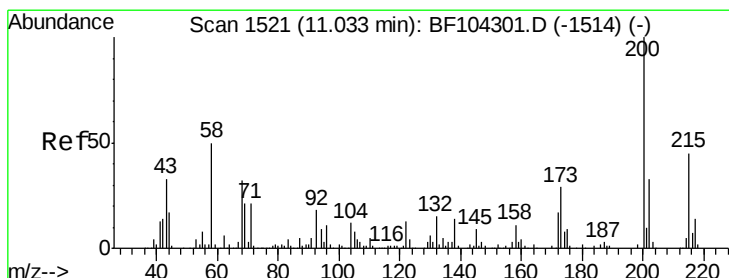
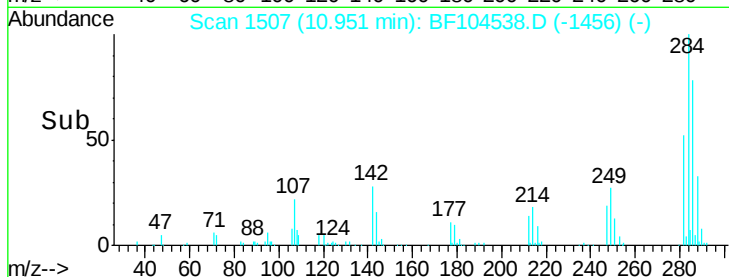
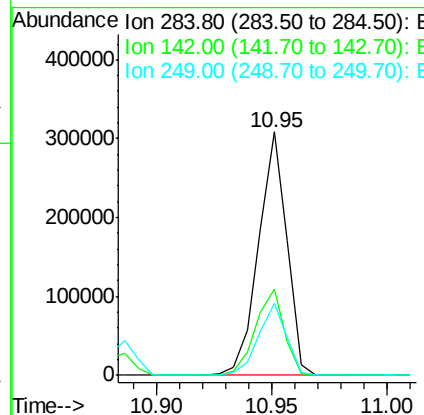
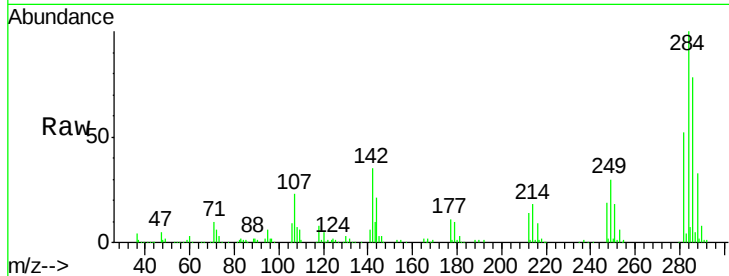
ClientSampleId :

PB108254BS

Tot Ion:	284	Resp:	264777
Ion Ratio	Lower	Upper	
284	100		
142	35.4	34.6	52.0
249	29.6	24.8	37.2

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#68

Atrazine

Concen: 44.046 ng

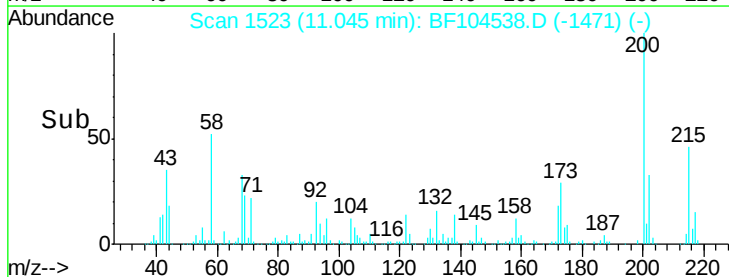
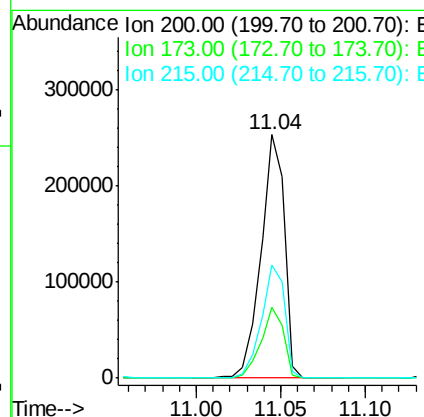
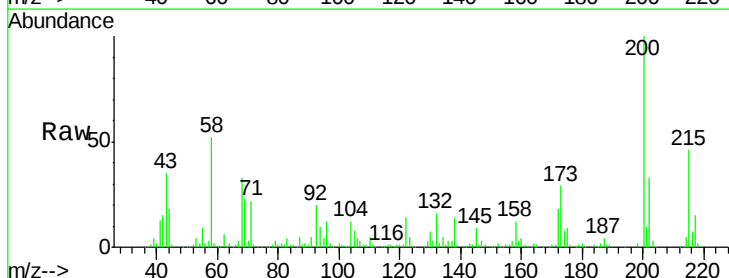
RT: 11.04 min Scan# 1523

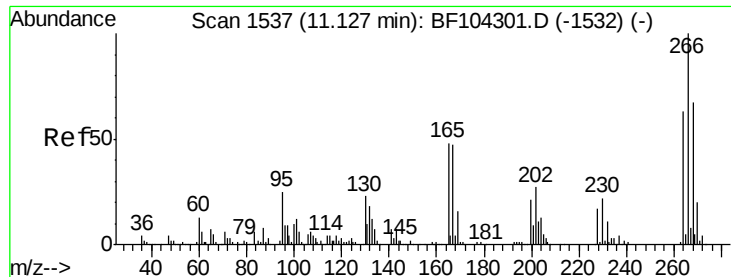
Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	200	Resp:	244784
Ion Ratio	Lower	Upper	
200	100		
173	29.0	8.6	48.6
215	46.2	25.1	65.1





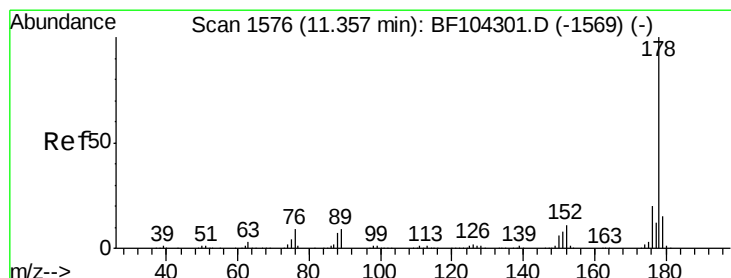
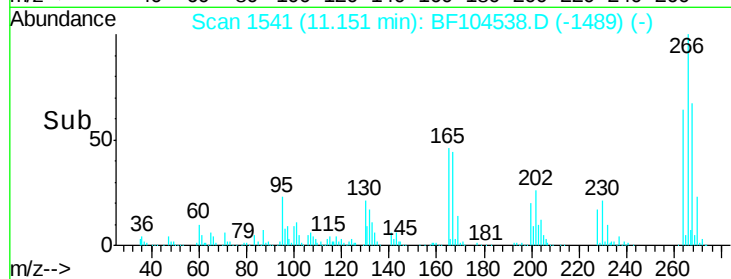
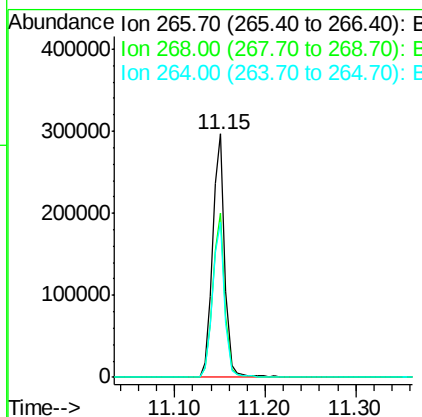
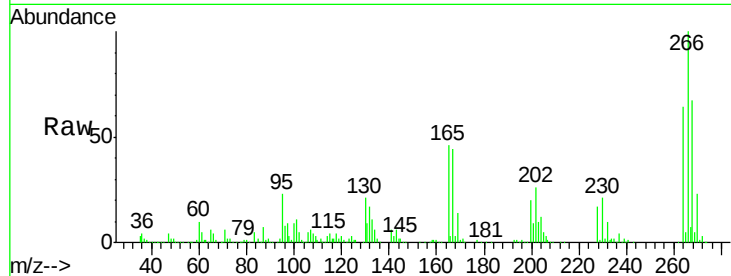
#69
 Pentachlorophenol
 Concen: 71.417 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.1	76.7
264	63.7	49.5	74.3

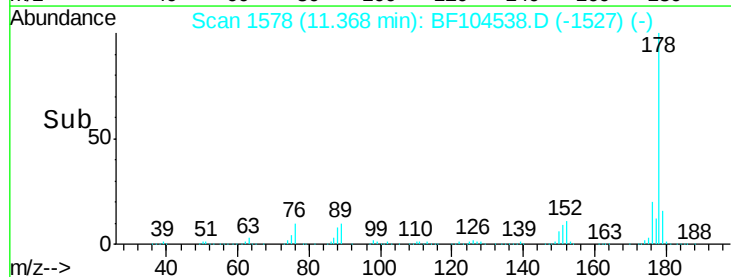
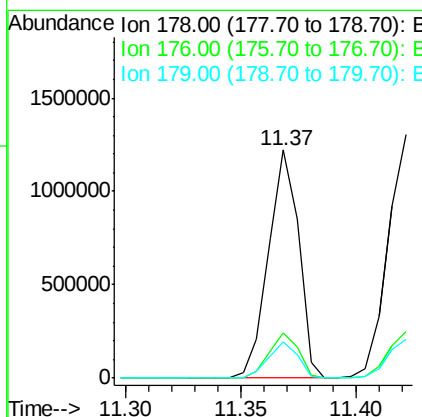
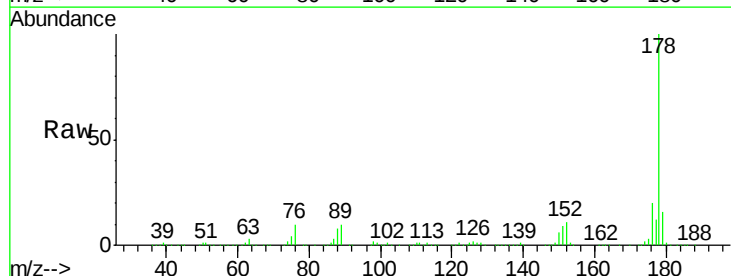
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#70
 Phenanthrene
 Concen: 37.643 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





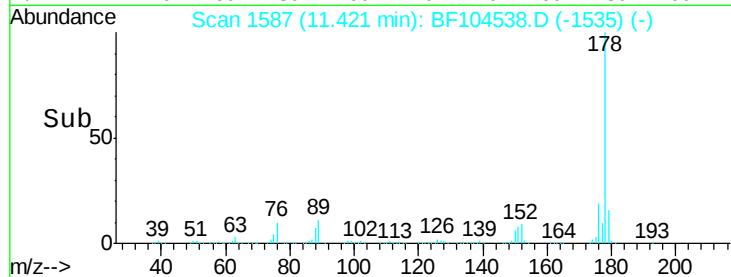
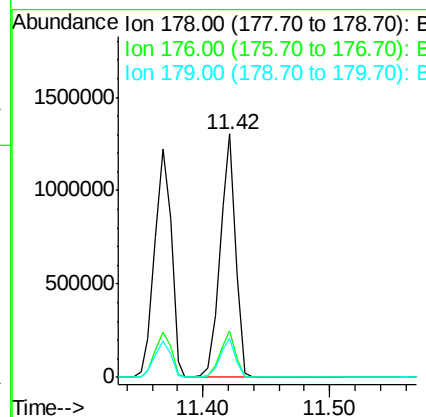
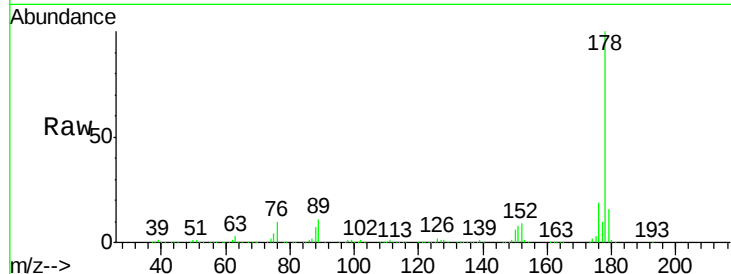
#71
 Anthracene
 Concen: 37.301 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

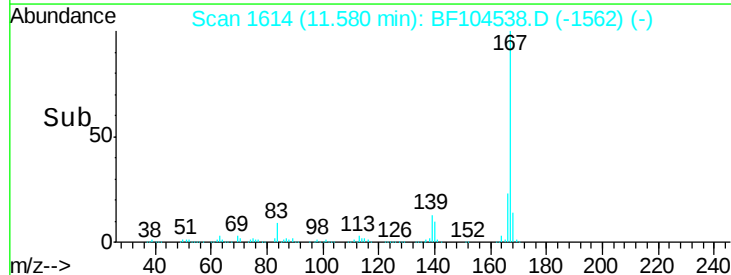
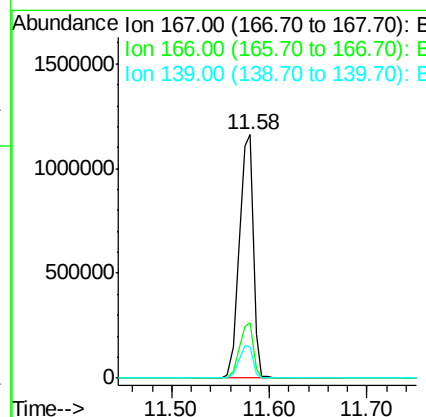
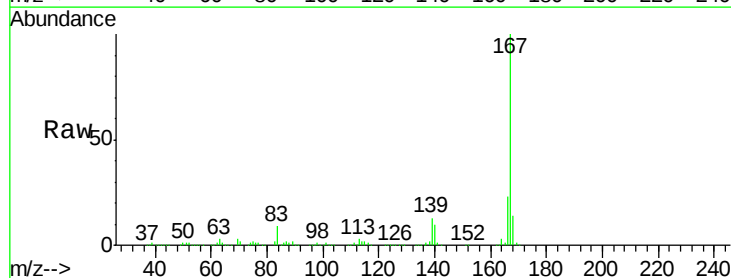
Manual Integrations
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#72
 Carbazole
 Concen: 39.366 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.835 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

ClientSampleId :

PB108254BS

Tot Ion:149 Resp: 1393500

Ion Ratio Lower Upper

149 100

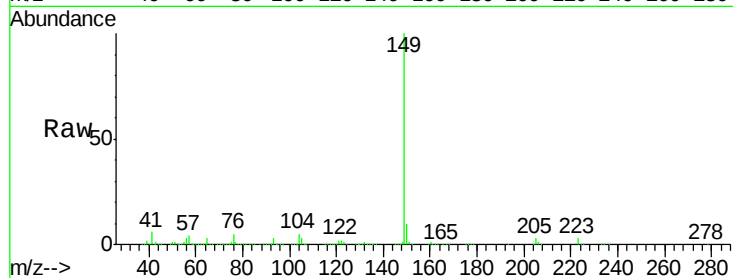
150 9.5 7.8 11.6

104 4.9 3.8 5.8

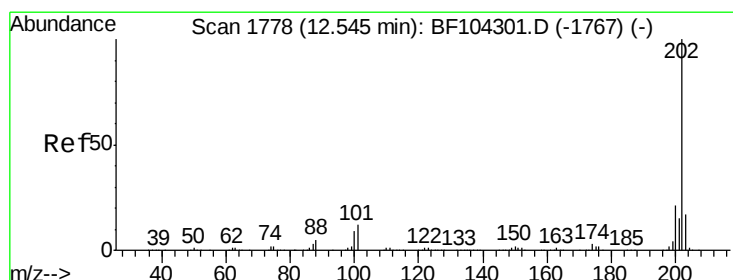
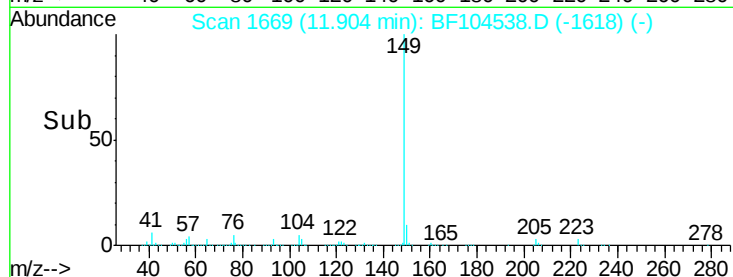
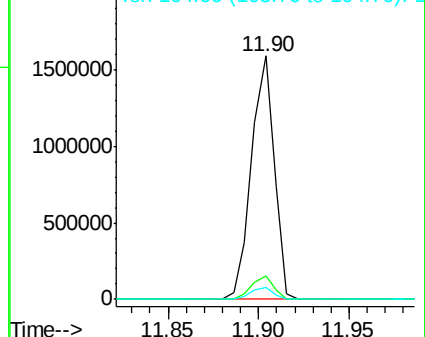
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.036 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

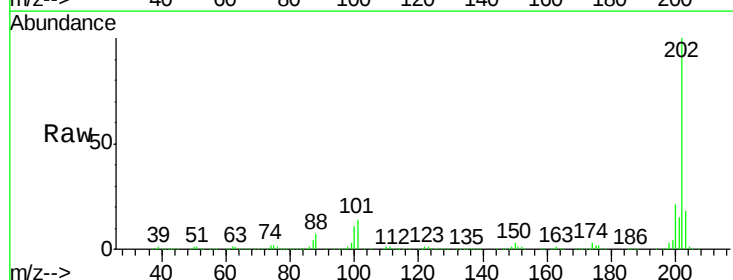
Tgt Ion:202 Resp: 1144315

Ion Ratio Lower Upper

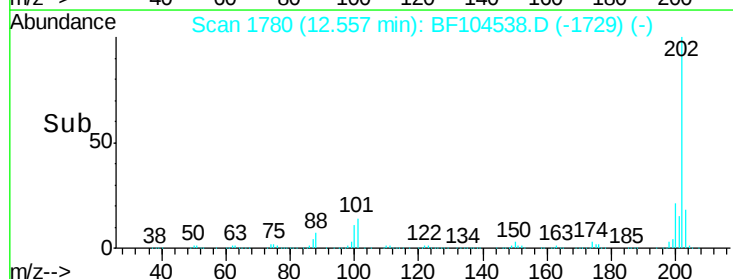
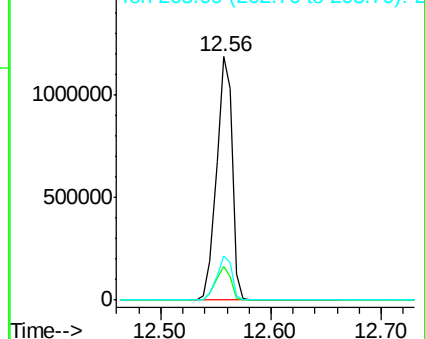
202 100

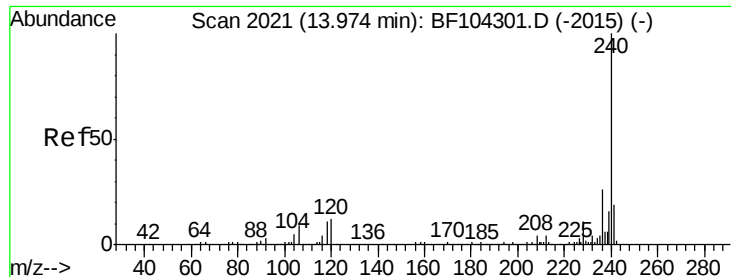
101 13.7 0.0 34.1

203 18.1 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

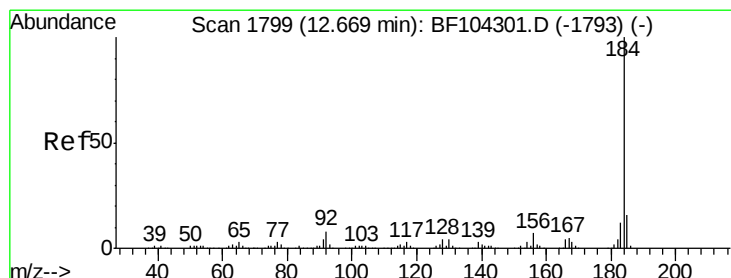
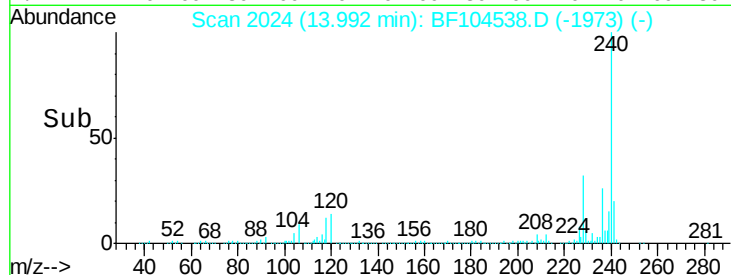
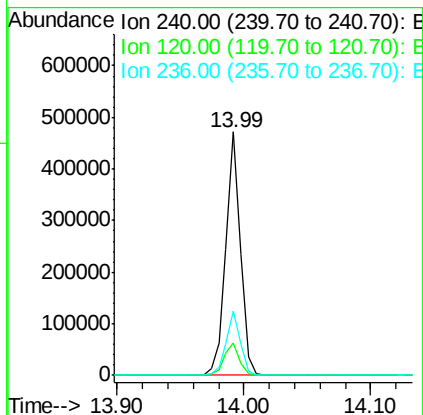
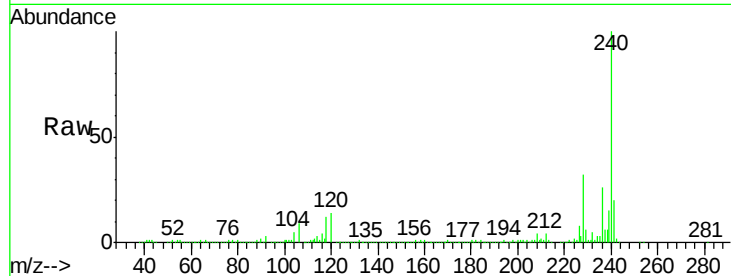
ClientSampleId :

PB108254BS

Tot Ion:	240	Resp:	378858
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 31.523 ng

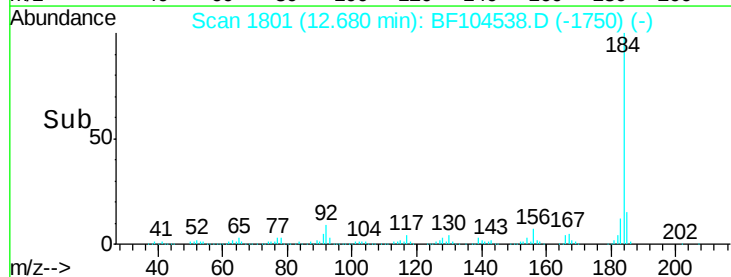
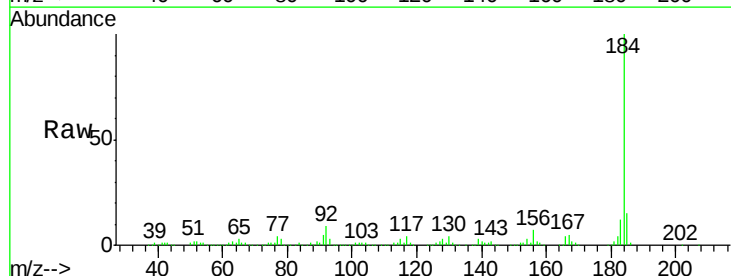
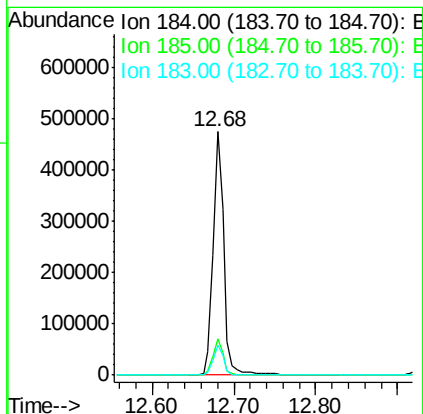
RT: 12.68 min Scan# 1801

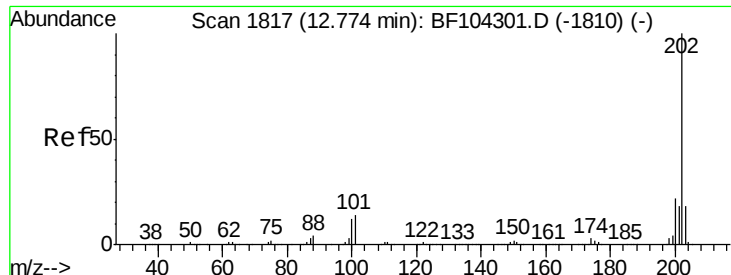
Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	184	Resp:	431383
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.6	18.8
183	12.2	9.3	13.9





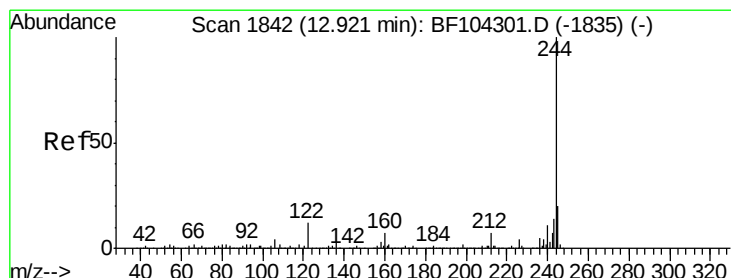
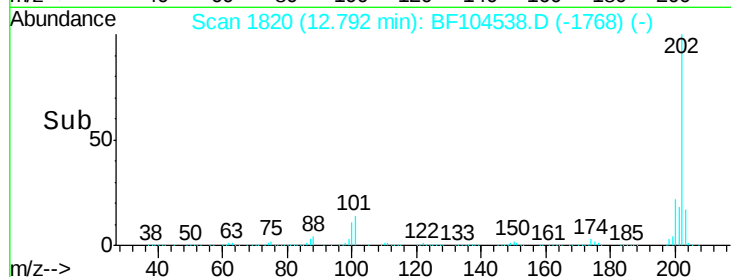
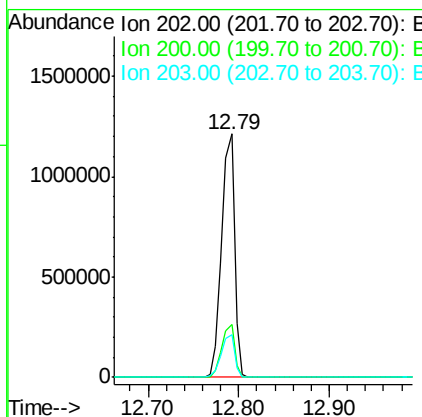
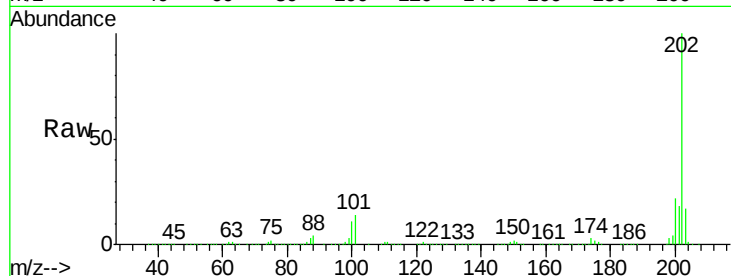
#77
Pvrene
Concen: 42.056 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5

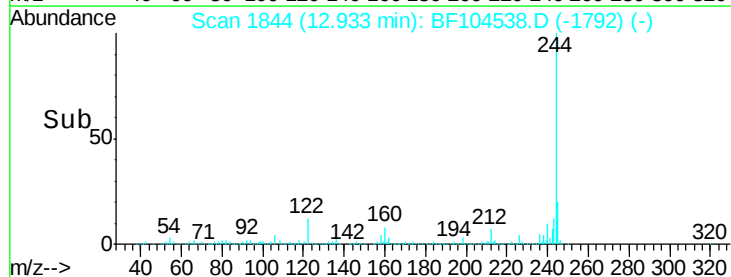
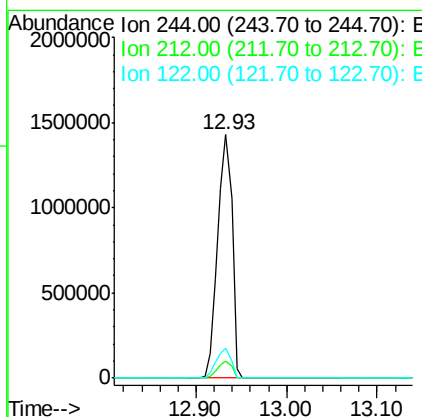
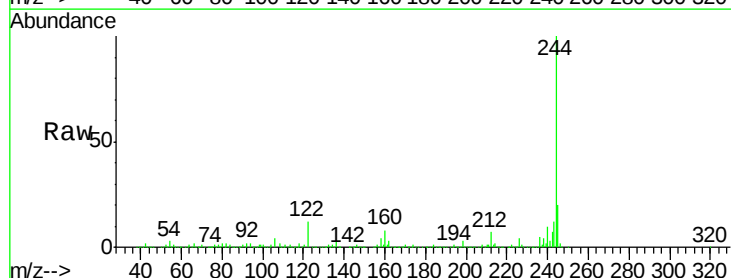
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#78
Terphenyl-d14
Concen: 93.879 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.0	11.0	16.4





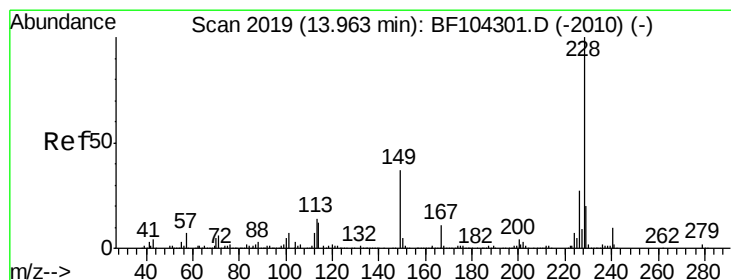
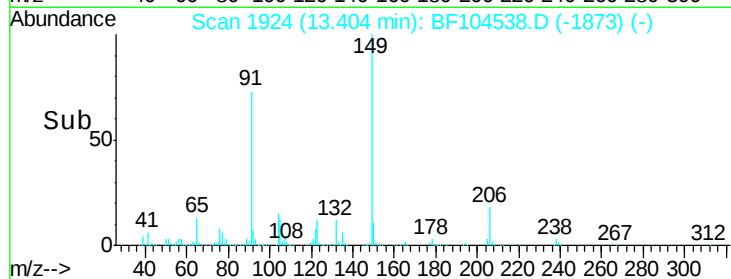
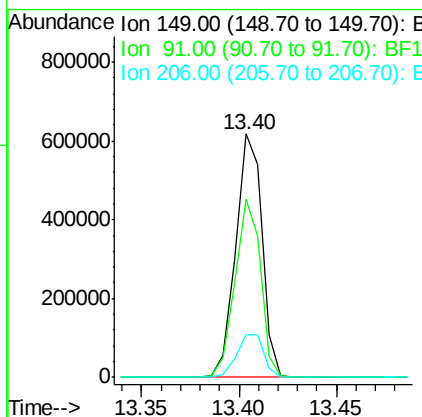
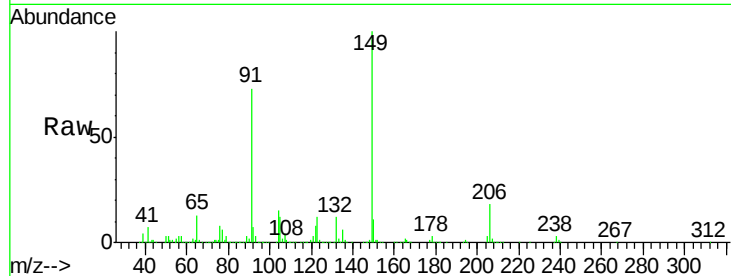
#79
Butylbenzylphthalate
Concen: 43.625 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	577156		
91	73.1	56.8	85.2	
206	17.6	14.1	21.1	

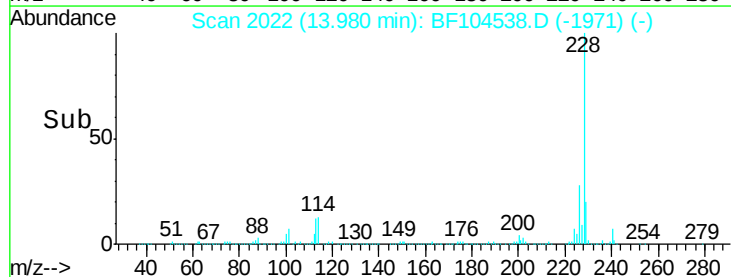
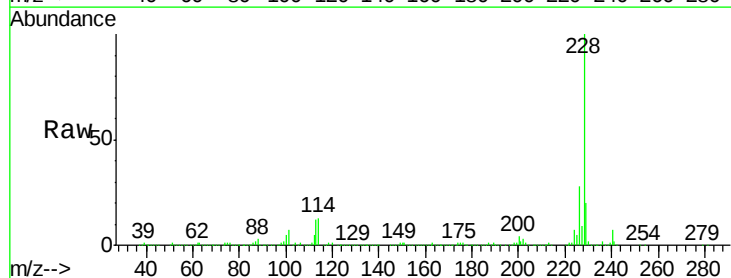
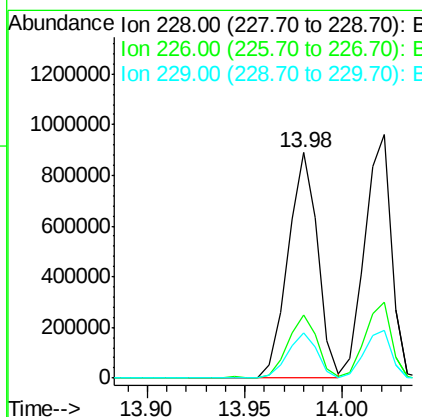
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#80
Benzo(a)anthracene
Concen: 41.102 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	930281		
226	28.0	22.6	33.8	
229	19.9	15.8	23.6	





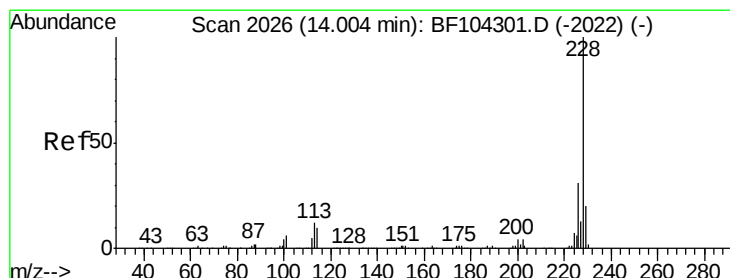
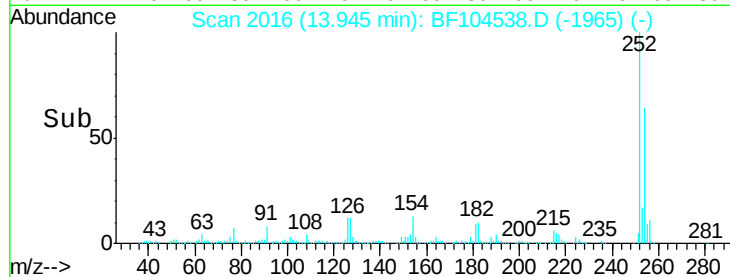
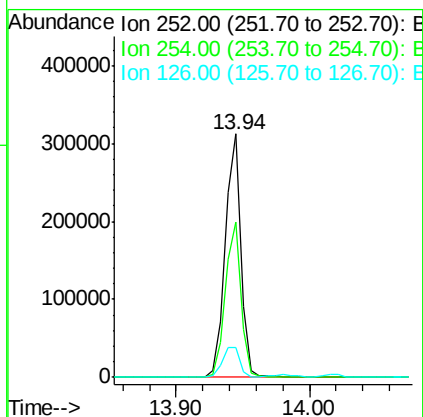
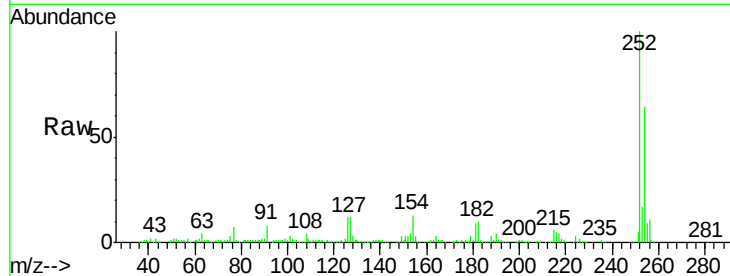
#81
 3,3'-Dichlorobenzidine
 Concen: 31.044 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	12.4	11.3	16.9

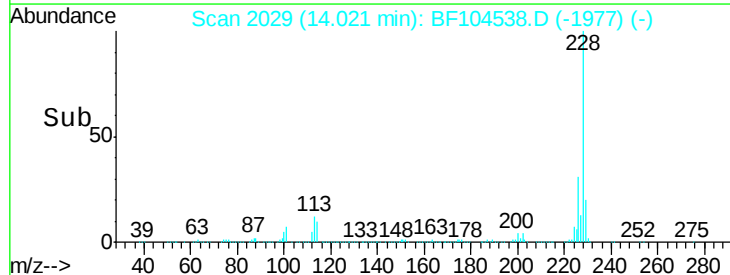
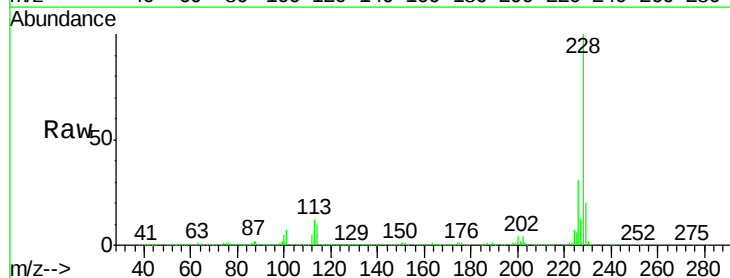
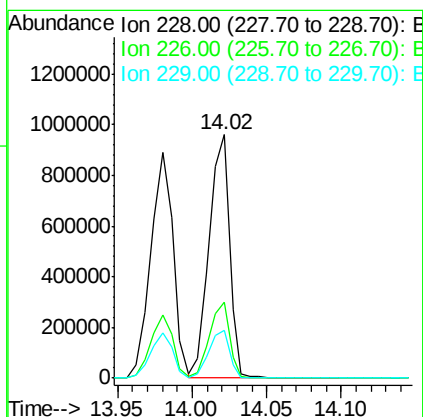
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#82
 Chrysene
 Concen: 39.219 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.7	16.2	24.4





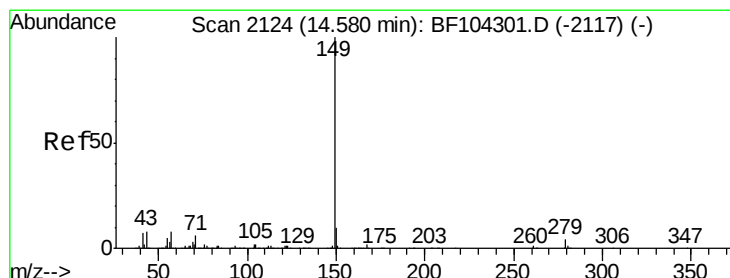
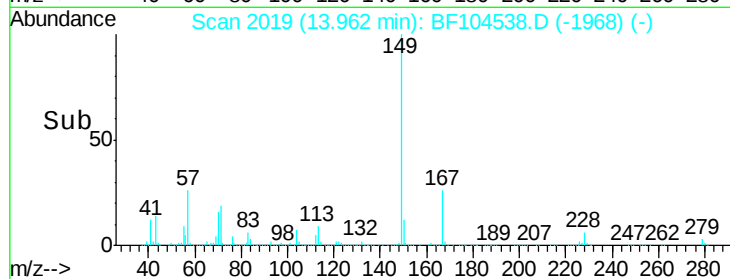
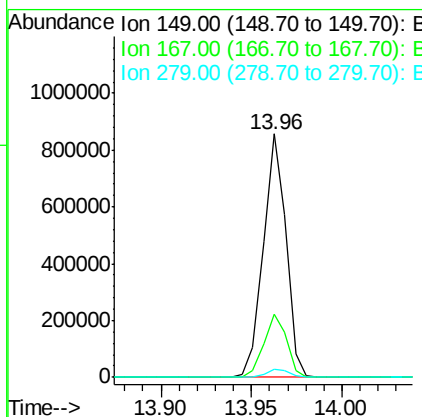
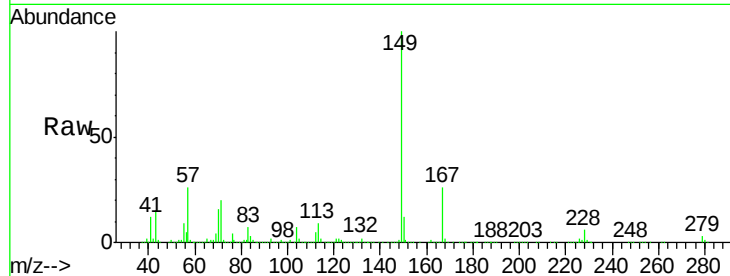
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.915 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	747298		
167	26.1		21.3	31.9
279	3.3		3.0	4.4

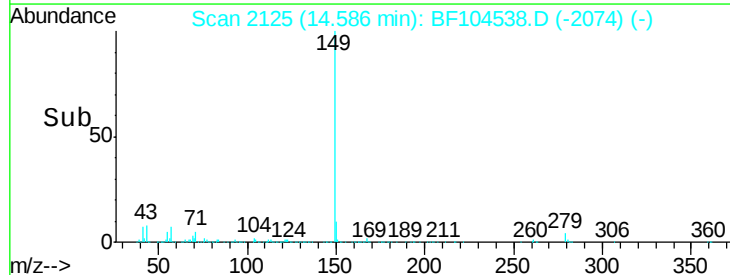
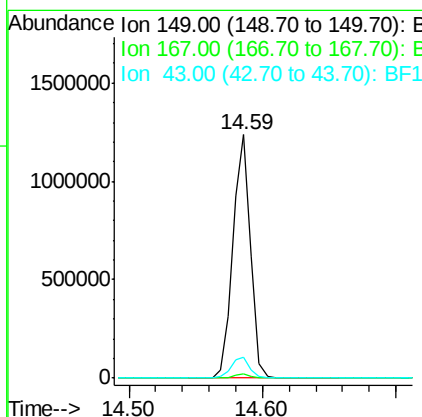
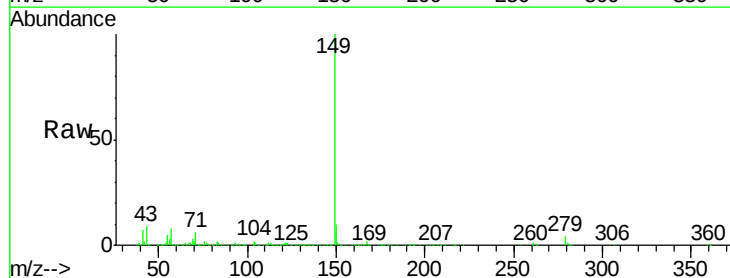
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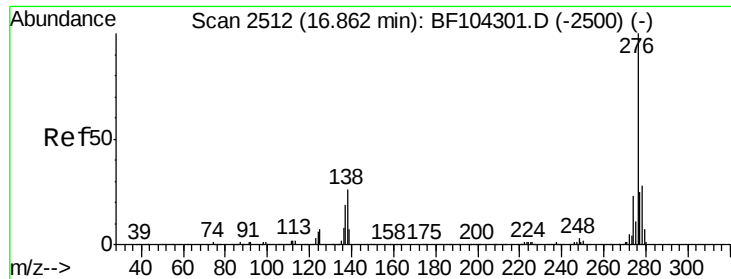
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#84
 Di-n-octyl phthalate
 Concen: 40.049 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1138746		
167	1.6		1.2	1.8
43	8.6		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.133 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Instrument :

BNA_F

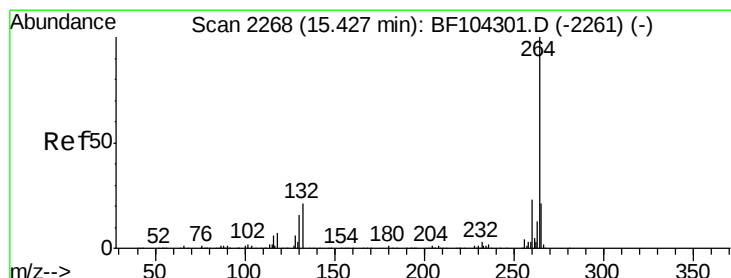
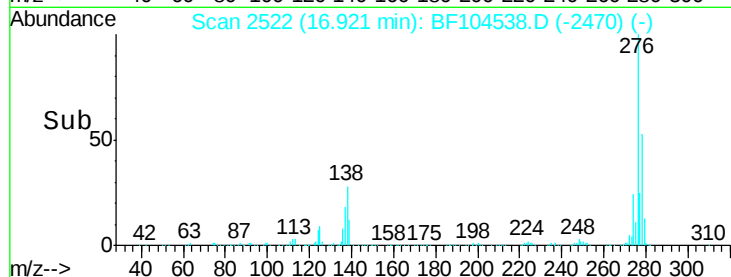
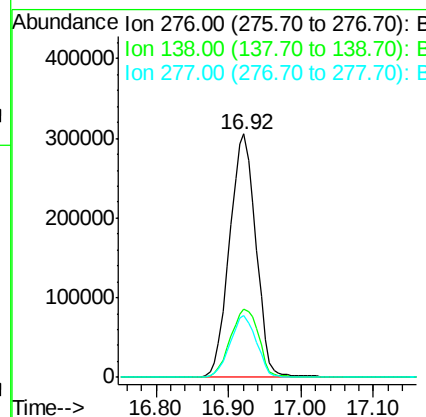
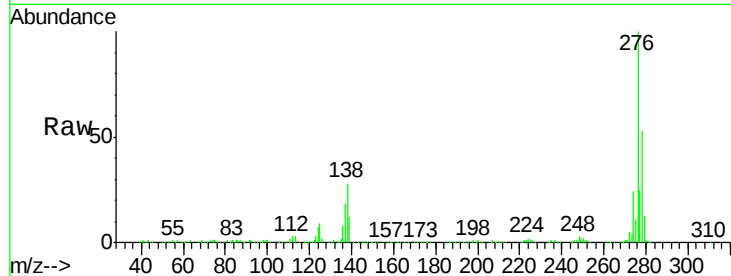
ClientSampleId :

PB108254BS

Tot Ion:	276	Resp:	772825
Ion Ratio	Lower	Upper	
276	100		
138	30.4	25.0	37.6
277	25.5	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

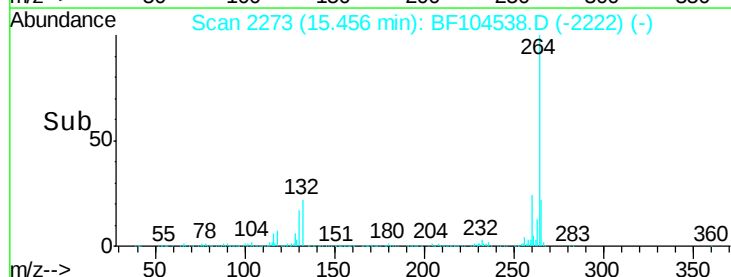
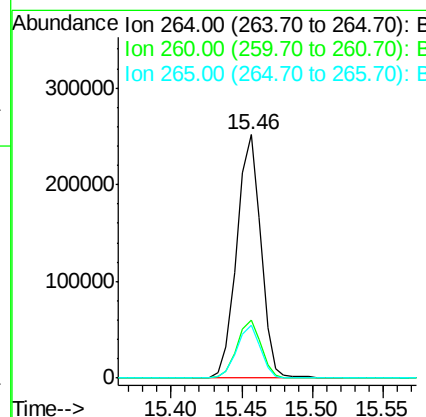
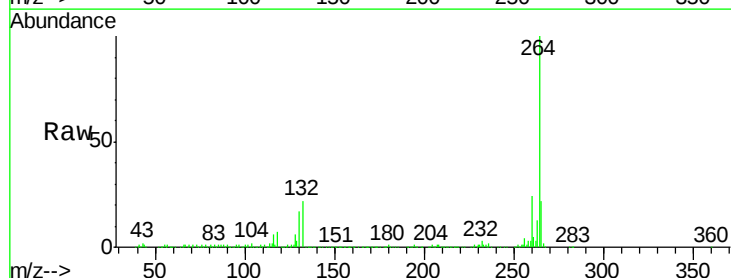
RT: 15.46 min Scan# 2273

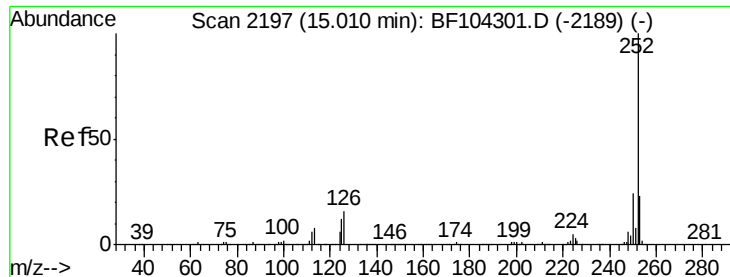
Delta R.T. -0.00 min

Lab File: BF104538.D

Acq: 16 Apr 2018 17:47

Tgt Ion:	264	Resp:	300188
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





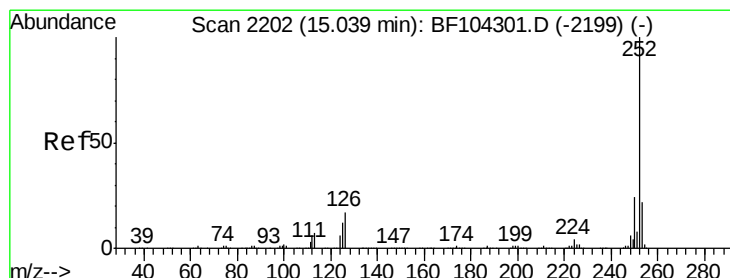
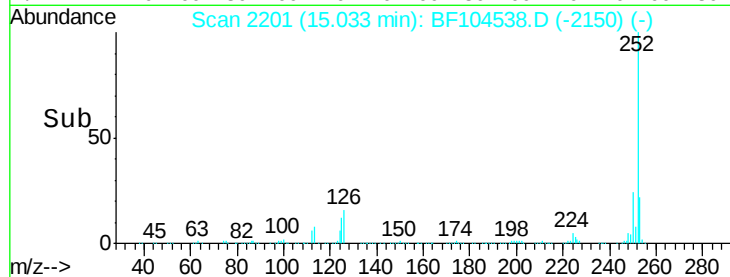
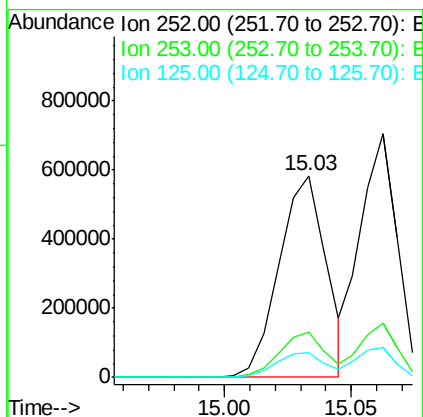
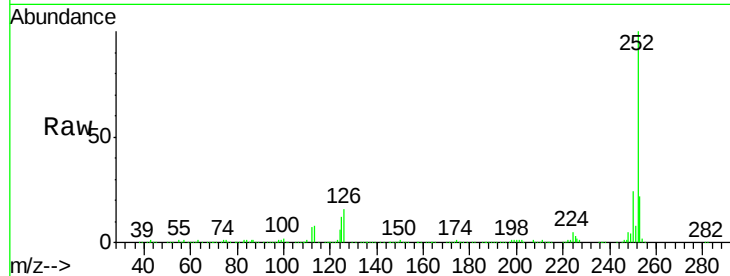
#87
Benzo(b)fluoranthene
Concen: 39.597 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.4	9.0	13.6

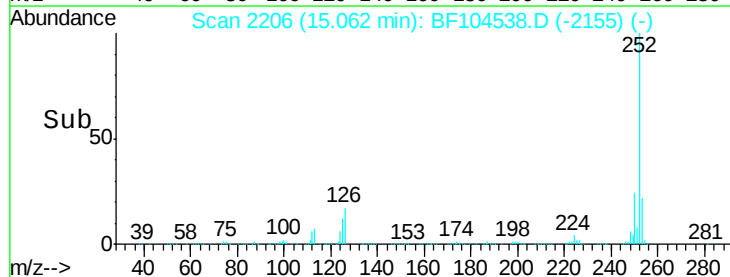
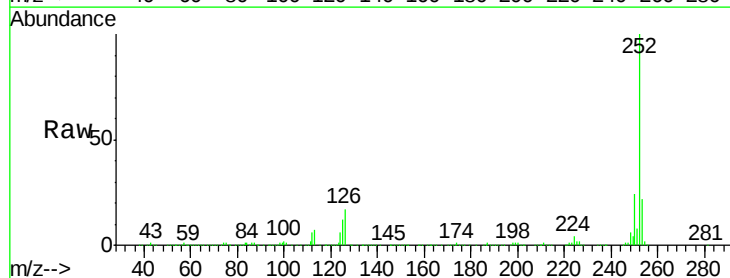
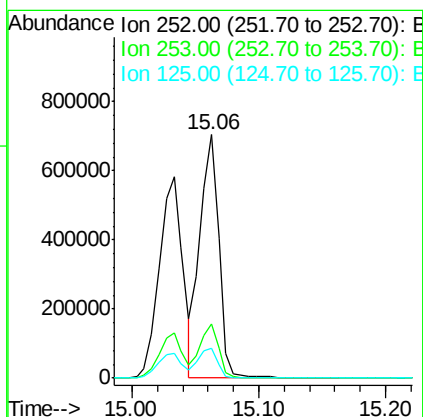
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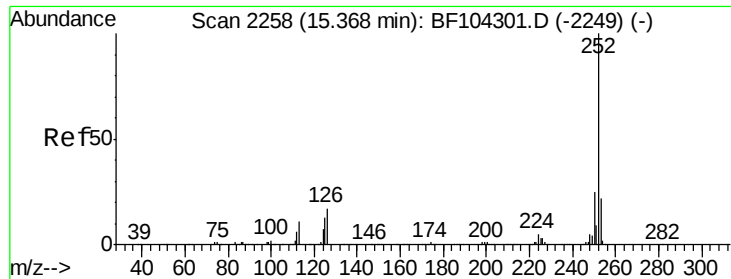
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#88
Benzo(k)fluoranthene
Concen: 40.764 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.3	10.2	15.2





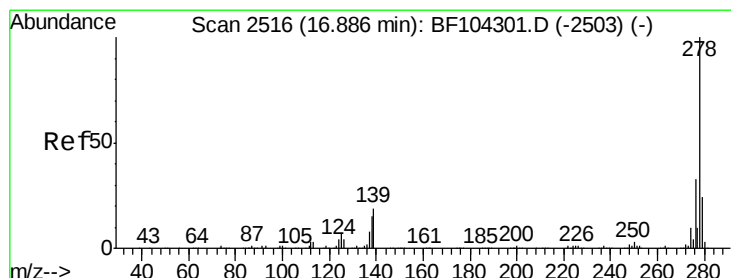
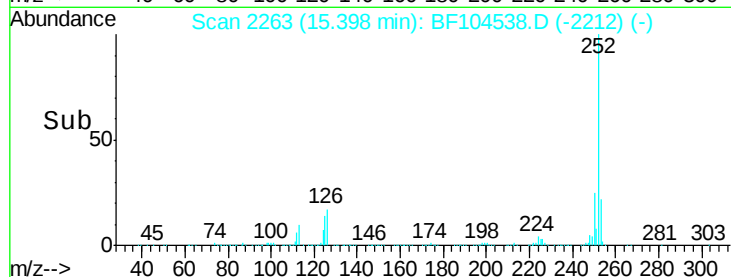
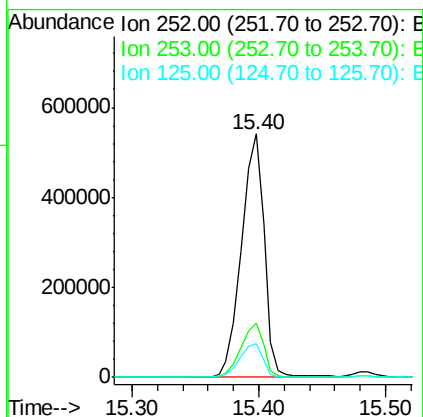
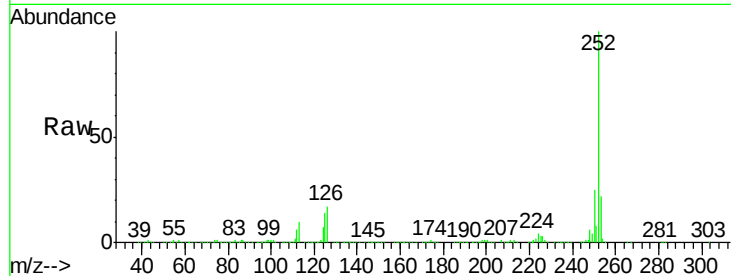
#89
Benzo(a)pyrene
Concen: 39.667 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Instrument :
BNA_F
ClientSampleId :
PB108254BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.8	9.8	14.6

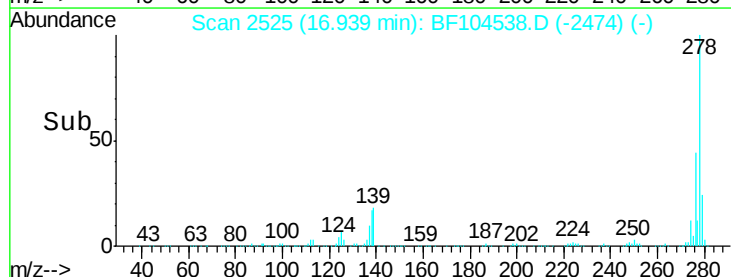
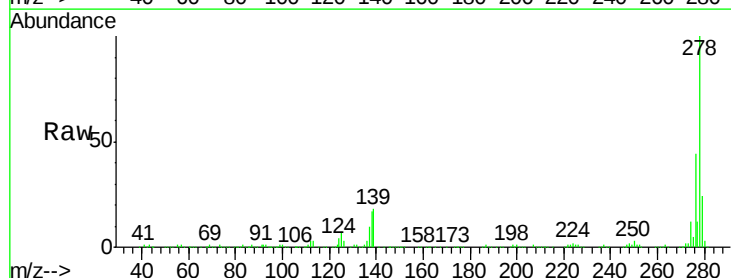
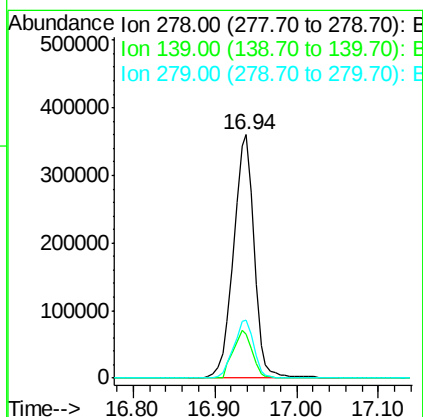
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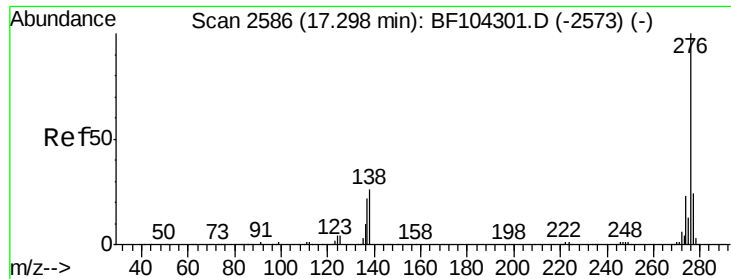
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#90
Dibenzo(a,h)anthracene
Concen: 45.733 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BF104538.D
Acq: 16 Apr 2018 17:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.719 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BF104538.D
 Acq: 16 Apr 2018 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BS

Tot Ion:	276	Resp:	671112
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	25.9	21.8	32.8

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